RADIO FREQUENCY TENDER
CALL FOR TENDERS:
ULTRA HIGH FREQUENCIES (UHF)
MINISTRY OF COMMERCE
RADIO FREQUENCY TENDER
CALL FOR TENDERS: ULTRA HIGH FREQUENCIES (UHF)

1 I, Maurice John Belgrave, Secretary of Commerce, subject to the terms and conditions specified in the First Schedule hereto, hereby call for tenders for licences to be granted pursuant to section 48(b) of the Radiocommunications Act 1989 in lots as specified in the Second Schedule hereto.

FIRST SCHEDULE

TERMS AND CONDITIONS

2 The terms and conditions applicable to this tender are as follows:

AMENDMENTS TO THIS CALL FOR TENDERS

3 This notice may be amended or revoked by the Secretary of Commerce, in whole or in part, and at any time, by notice in the New Zealand Gazette.

ACQUISITION OF LICENCES

4 Section 138 of the Radiocommunications Act 1989 provides for the application of the merger or takeover provisions of the Commerce Act 1986 to the acquisition of licences under the Radiocommunications Act 1989. Licences offered for tender under this notice are offered subject to any clearance or authorisation that may be required from the Commerce Commission under the Commerce Act 1986. It is the responsibility of each tenderer to determine the application of the Commerce Act. In the event that any required Commerce Commission clearance or authorisation is not obtained, the Secretary of Commerce reserves the right to re-tender the lot concerned.
5 This call is also made subject to any other legal requirement that pertains to the acquisition of licences as specified.

WHO MAY BID

6 Any person or organisation may bid. A bid should be made in a name which is ordinarily used by the tenderer.

HOW TO BID

7 All bids must be made on the form prescribed (form RFT 1). A form has been provided as part of this notice. Only one form should be used per person or organisation.

8 The bid form must be signed.

9 The bid form should be completed in accordance with the directions on the bid form. It is the responsibility of the tenderer to ensure that information provided on the bid form is complete in all respects and is legible. THE BID FORM SHOULD BE COMPLETED IN TYPED CAPITALS. The Secretary does not accept responsibility for errors or omissions arising from bid information which is not clearly stated.

10 Bids may be posted, or delivered by hand. Bids should be addressed: 'UHF Tender, The Manager, Administration, Corporate Services Department, Reserve Bank of New Zealand, PO Box 2498, Wellington.' Bids being hand delivered should be delivered to the Receptionist, 5th Floor, Reserve Bank of New Zealand Building, No. 2 The Terrace, Wellington. In both cases, bids should be in a sealed, addressed envelope. A pre-addressed envelope is provided with this notice. Only the bid form and the required bank cheque should be put in the bid envelope. Sending a bid by facsimile is not acceptable, as a bank cheque must accompany the bid form. Bids should not be presented to the Ministry of Commerce.

PAYMENTS

Deposits

11 A deposit equivalent to 25 percent of the amount bid is payable in respect of each bid. This is payable at the time the bid is made.
12 Payment must be made by way of a currently dated bank cheque made payable to the Ministry of Commerce. A 'currently dated' cheque means a cheque which can be banked by the Ministry at any time. Post-dated cheques are therefore not acceptable. A bank cheque is a cheque raised on a bank's account by the bank. Personal or company cheques are therefore not acceptable. Cash payments should not be made.

13 Where more than one bid is made, the deposit payable should be calculated by taking 25 percent of the total for all amounts bid. This is to avoid rounding discrepancies that would arise if the deposit were calculated by taking the sum of 25 percent for each amount bid.

14 All bids should be in whole New Zealand dollars. If part dollar bids are made, cents will be ignored, not rounded. Zero dollar bids are acceptable. In this event, no deposit is payable.

15 Deposits will be banked by the Ministry of Commerce pending the determination of results. Subject to paragraph 16 below, deposits will be repaid to unsuccessful tenderers, along with any interest accrued, soon after the official publication of results in the New Zealand Gazette. Interest will be paid on a pro rata basis (after bank fees and an allowance for taxation, if applicable, and any other related costs have been deducted), and on the basis of the time for which the deposit has been banked. In making possible this opportunity to tenderers, the Secretary makes no representations as to the rate at which interest might accrue, and the Secretary's decision as to how interest is pro rated and when any interest is payable shall be final.

16 Failure to provide payment in settlement as set out below will result in forfeiture of part or all of any deposit paid by the tenderer concerned and any interest that would otherwise be payable. The amount liable for forfeiture will be the difference between the amount invoiced and the amount eventually paid by another tenderer, plus administrative costs incurred by the Ministry in having to re-offer the lot(s) concerned.

Payments in settlement

17 Each successful tenderer will be invoiced for the amount equivalent to the second highest bid for the lot in question, less the total deposit already paid, except where the total deposit already paid exceeds the amount payable in which case a repayment will be made. Invoices will be sent out soon after the closing date for tenders, and full payment in settlement must be received by the Manager, Finance, Communications Division, Ministry of Commerce, in Wellington within 10 (ten) working days of the date of the invoice. Payment must be made in New Zealand dollars by way of a currently dated bank cheque made payable to the Ministry of Commerce. Personal or company cheques are not acceptable.

18 In the event that there are two or more equal highest bids, the successful tenderer will be determined randomly. That
tenderer will be required to pay on the basis of the amount of the losing bid(s), that is the same amount the tenderer bid. In the event that there is only one bid for a particular bid, the next highest bid defaults to zero, and therefore nothing is payable. In the event that the next highest bid is actually zero, the successful tenderer will pay nothing.

19 In the event of the failure of the successful tenderer to provide payment in settlement as required above, the next successful tenderer will be offered the lot in question. The amount required to be paid in this instance will be based on the amount equivalent to the next highest bid (in this instance, the third highest bid) for the relevant lot. The lot in question will continue to be offered in this manner until payment is received. If no payment is received, the lot in question will be re-tendered at some later date.

20 In the event that results are determined in accordance with the provisions of paragraph 32(d), the successful tenderer will be required to pay on the basis of the amount equivalent to the next highest bid.

21 Interest payments to successful tenderers will be paid separately soon after the official publication of results in the New Zealand Gazette.

CLOSING OF BIDS

22 The closing of bids is 12 noon on Monday, 12 February 1990. It is the responsibility of tenderers to ensure that their bids are received by the Manager, Administration, Corporate Services Department, Reserve Bank of New Zealand, in Wellington, by this date and time. Late bids will not be accepted. No responsibility is accepted for non-receipt by the closing of bids arising from factors such as delays in the post, or where bids are sent to the Ministry of Commerce, or to the Bank's offices outside Wellington. Late bids will be returned.

SUITABILITY FOR PURPOSE

23 It is the responsibility of tenderers to ensure that lots for which they are bidding are suitable for their purpose. No representations in this respect are made by the Secretary of Commerce.

INVALID BIDS

24 Where a tenderer fails to comply with one or more of the following criteria, all bids made by that tenderer will be
invalid. All such bids will be invalid where:

a they are not received by the Manager, Administration, Corporate Services Department, Reserve Bank of New Zealand, in Wellington, by 12 noon on Monday, 12 February 1990; or

b they are not made on the form prescribed under this notice (that is, form RFT 1); or

c the bid form is not signed; or

d if more than one bid is made, the number of lots sought is not stated on the bid form. The 'number of lots sought' means the number of lots a tenderer is prepared to pay for, if successful.

25 Where a tenderer fails to comply with one or more of the following criteria in respect of a particular lot, the relevant bid(s) made by that tenderer will be invalid. Such a bid will be invalid where:

e it is not made in New Zealand dollars; or

f a currently dated bank cheque in New Zealand dollars, made payable to the Ministry of Commerce for the sum equivalent to 25 percent of the total of all amounts bid, is not presented along with the bid form (unless the bid is for zero dollars); or

g if successful, full payment in settlement in New Zealand dollars is not received by the Manager, Finance, Communications Division, Ministry of Commerce, in Wellington, by way of a currently dated bank cheque within 10 (ten) working days of the date of the invoice; or

h a lot reference is not stated, or it does not correspond exactly with one or more of the lots described in the Second Schedule attached hereto; or

i more than one bid is made in respect of a particular lot.

26 For the purpose of deciding which bid(s) will be invalid in respect of (f) and (g) above, bids will be considered in the order in which they are entered on the bid form.

27 Any bid made by or on behalf of an employee of the Ministry of Commerce will be invalid unless the prior express consent of the Secretary is obtained.

BIDDING

28 As stated, a tenderer is permitted to make only one bid for a particular lot.
29 However, a tenderer may bid for more than one lot. In addition, a tenderer may, but is not required to, bid for more lots than are sought.

30 In either event the number of lots sought (the number of lots a tenderer is prepared to pay for, if successful) must be stated on the bid form in the space provided. It is necessary, for reasons of clarity of intention, to require tenderers to state this even if they require all of the lots for which they are bidding.

Preferences

31 An order of preference for acquiring particular lots may also be stated, but this is not compulsory. The order of preference should be shown numerically, and be a sequence of whole numbers starting with the number 1 as the highest priority, for example, 1, 2, 3 ... Equal preference may be shown by allocating the same number two or more times, for example, 1, 2, 2, 3 ... If an order of preference is not stated, it will be assumed that all bids are of equal preference. If an order of preference is not stated for all bids, it will be assumed that those bids for which preferences are not stated are the lowest, equal priority. It should be noted that where a tenderer is seeking all of the lots for which he or she is bidding, any preference stated will not affect the results.

DETERMINATION OF RESULTS

32 The following procedure will determine the results of this tender:

a In respect of each lot, bids will be ranked in order of amount bid.

b The winner for each lot will be identified initially as the tenderer who has bid the highest amount. Where there are two or more equal highest amounts, the winner will be determined by random selection.

c Tenderers who have won more lots than the number they have stated as being sought will then be identified. Lots will be allocated to these tenderers in the order of the preferences they have stated, if applicable, up to the number of lots sought. Where equal preferences have been stated in respect of lots at the threshold of the number of lots sought, the lot(s) to be allocated will be determined by random selection.

d Remaining lots will be allocated by an iterative process to the next highest tenderer where that tenderer either has not won the number of lots sought, or having already gained the number of lots sought, would gain a higher preference for
one or more lots. In the latter case, the lot(s) displaced become available for reallocation. This process will be repeated until every lot has either been allocated or identified as not wanted. Where there are two or more equal next highest bids, or equal preferences, the winner or lot(s) to be allocated will be determined by random selection.

33 Failure to make the required payment in settlement will invalidate the relevant bid(s) made by the tenderer concerned. Such bids will be re-allocated as described above, but with the exception that at this stage orders of preference will be disregarded.

34 For the purposes of determining equal bids and/or preferences, as outlined above, the Ministry will make use of a computer-based random number generator.

GOODS AND SERVICES TAX

35 The Department of Inland Revenue has advised the Ministry of Commerce that GST is not payable in respect of the deposits and interest share of unsuccessful tenderers. However, liability for GST does arise in the case of successful tenderers. Accordingly, for the purposes of determining the results of this tender, all bids will be considered to exclude GST. Provision for GST will be recovered from successful tenderers at the time that they are invoiced for payments in settlement. GST will be additional to the amount otherwise payable by the successful tenderer.

ANNOUNCEMENT OF RESULTS

36 Details of all bids, including invalid bids, will be published in the New Zealand Gazette soon after final results have been determined. In addition, each tenderer will be notified in writing of the result of his or her bid(s).

37 Successful tenderers will also receive the licences won at this time, unless these are requested on payment. It is the responsibility of the tenderers concerned to ensure that these are registered in accordance with the provisions of the Radiocommunications Act 1989.
SECONa SCHEDULE

IMPORTANT INFORMATION

1 There are a total of 70 lots offered for tender. The 70 lots comprise:

7 lots, 001JJA to 007JJG, each providing for 29 licences at various locations, such that a television broadcasting service with significant population coverage nationally can be achieved.

The remaining 63 lots are offered as single licences, being offered in each of 10 major population centres. These licences do not provide as extensive coverage as is possible with the corresponding licences from the first 7 lots.

2 There are severe restrictions placed on lot 004JJD in relation to Sugarloaf, and lot 038JCH and lot 039JCI in relation to Kaukau, which are intended to ensure the continued satisfactory operation of existing television translators at Southshore in Christchurch and Waitangarua in Porirua respectively. Usage of these lots is likely to be impractical in the relevant areas unless alternative arrangements are made concerning those translators and the conditions on the relevant licences to be granted are modified accordingly.

3 Terms and abbreviations used in lot descriptions have the following meanings:

- Location is specified in NZMS 260 1:50,000 series maps or NZMS 1 maps where NZMS 260 series are not available
- Receive coverage locations are specified in NZMS 262 1:250,000 series maps
- Class of emission is given in terms of emission designations in Article 4 of the International Radio Regulations and CCIR Recommendations
- dBW means decibels with reference to 1 watt
- eirp means effective isotropic radiated power as defined in section 2 of the Radiocommunications Act 1989
- dbuv/m means a field strength intensity in decibels with reference to 1 microvolt per metre. Field strengths are measured in accordance with the Recommendations and Reports of the CCIR

4 The successful tenderer in relation to each lot will be granted, upon payment in accordance with the First Schedule above, a licence or licences that will authorise the tenderer to transmit in accordance with the specifications set out in relation to the relevant lot and the general provisions specified on the following pages. Prospective tenderers should thoroughly
familiarise themselves with the Radiocommunications Act 1989. This offer, and all rights granted hereunder are subject to that Act.

5 All licences granted pursuant to this tender shall have the same expiry date as the record of management rights pursuant to which they are granted. The relevant record of management rights will have an expiry date 20 years from the date on which it is recorded in the Register of Radio Frequencies. The Secretary will apply under the Radiocommunications Act 1989 to have the record of management rights recorded in the Register on or about 1 February 1990.
GENERAL PROVISIONS APPLYING TO ALL LICENCE INFORMATION

MAXIMUM BANDWIDTH OF EMISSIONS

From 1.25 MHz below to 6.75 MHz above the nominal vision carrier frequency measured at -30 dB (with respect to peak vision carrier power).

HORIZONTAL RADIATION PATTERN

As may be stated in the special conditions but in any event not to exceed the maximum power of emissions (maximum eirp) in any direction.

MAXIMUM PERMITTED INTERFERING SIGNAL

20 dBuV/m measured at a height up to 10 metres or as otherwise specified in the special conditions.

UNWANTED EMISSIONS LIMIT

Emissions appearing on frequencies more than 1.25 MHz below the carrier or 6.25 MHz above the vision carrier frequency shall be attenuated relative to the maximum effective isotropic radiated power as follows:

(a) Any emission within the frequency range 518 to 806 MHz, and appearing on a frequency removed by 6.25 MHz or more below, or 9.75 MHz or more above, the vision frequency shall be attenuated by at least

$$43 + 10 \log W \text{ (dB)}$$

(where \(W\) is the effective isotropic radiated power of the peak vision carrier in Watts), below the effective isotropic radiated power (eirp) of the vision frequency, or 80 dB whichever is the lesser attenuation.

(b) Emissions shall be attenuated by 30 dB at the vision frequency minus 1.25 MHz, to the limit in clause (a) at the vision minus 6.25 MHz varying uniformly with frequency on a decibel basis.

(c) Emissions shall be attenuated by 30 dB at the vision frequency plus 6.75 MHz, to the limit in clause (a) at the vision frequency plus 9.75 MHz varying uniformly with frequency on a decibel basis.

(d) Emissions shall be attenuated by the limit in clause (b) at 513 MHz to -50 dBW eirp at 510 MHz varying uniformly with frequency on a decibel basis.

(e) Emissions shall be attenuated to -50 dBW eirp below 510 MHz and above 809 MHz.

GENERAL CONDITION

Vision and sound frequencies shall be maintained within ± 500 Hz of the nominal carrier frequency. Tighter tolerances may be required where carrier offset is used.
LOT 001JJA
PART LOT 001JJA

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maungataniwha</td>
<td>NZMS260/004</td>
<td>584703</td>
<td>582 m Above Mean</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sea Level</td>
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</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

| Channel          | 28                   |
| Nominal Vision Carrier | 527.25 MHz          |
| Class of Emission (Vision) | 6M253CF            |
| Associated Sound Carrier     | 532.75 MHz        |
| Class of Emission (Sound)   | 750KF3EGN          |

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-1 561657, 524670, 522700, 545703, 581680.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hikurangi</td>
<td>NZMS260/P06</td>
<td>937288</td>
<td>662 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

- **Channel**: 29
- **Nominal Vision Carrier**: 535.25 MHz
- **Class of Emission (Vision)**: 6M253CF
- **Associated Sound Carrier**: 540.75 MHz
- **Class of Emission (Sound)**: 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**

- **Maximum eirp of peak vision carrier**: 35 dBW eirp

**ANTENNA POLARISATION**

- **Vertical**

**NOMINAL ANTENNA HEIGHT**

- **61 m Above Mean Ground Level**

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-2 609647, 582644, 575633, 587625, 617633.
LOCATION

Site Name : Horokaka
Map : NZMS260/Q07
Grid Reference : 131916
Altitude : 516 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 30
Nominal Vision Carrier : 543.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 548.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 49 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Parahaki
Map: NZMS260/Q07
Grid Reference: 315089
Altitude: 243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 28
Nominal Vision Carrier: 527.25 MHz
Class of Emission (Vision): 6M253CF MHz
Associated Sound Carrier: 532.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 27 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 17 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBuV/m measured with a horizontally polarized antenna or 50 dBuV/m measured with a vertically polarized antenna.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Waiaatarua</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/R11</td>
</tr>
<tr>
<td>Grid Reference</td>
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<td>Altitude</td>
<td>394 m Above Mean Sea Level</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>27</th>
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</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>519.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>524.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
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</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>59 dBW eirp</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA POLARISATION</td>
<td>Horizontal</td>
</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 638447, 690463, 680483, 663498

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz +10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The eirp shall be minimized within the sector 170° to 320° notwithstanding the conditions of the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Te Aroha</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T13</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>525038</td>
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<tr>
<td>Altitude</td>
<td>944 m Above Mean Sea Level</td>
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</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
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<td>Associated Sound Carrier</td>
<td>532.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier | 59 dBW eirp |

**ANTENNA POLARISATION**

| Vertical |

**NOMINAL ANTENNA HEIGHT**

| 126 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-3 719437, 774411.
NZMS 262-4 802380, 752355, 714353, 700391.
PART LOT 001JJA

LOCATION
Site Name: Mt Edgecumbe
Map: NZMS260/V16
Grid Reference: 378373
Altitude: 774 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel: 29
Nominal Vision Carrier: 535.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 540.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION  
Site Name: Pupepoto  
Map: NZMS260/U16  
Grid Reference: 036357  
Altitude: 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 27  
Nominal Vision Carrier: 519.25 MHz  
Class of Emission (Vision): 6M253CF  
Associated Sound Carrier: 524.75 MHz  
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 26 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 33 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
PART LOT 001JJA

LOCATION
Site Name: Paeroa Range
Map: NZMS260/U17
Grid Reference: 946084
Altitude: 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel: 30
Nominal Vision Carrier: 543.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 548.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 34 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 22 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION Site Name : Tuhihamata  
Map : NZMS260/U18  
Grid Reference : 706728  
Altitude : 662 m Above Mean Sea Level  

FREQUENCY AND CLASS OF EMISSION  
Channel : 27  
Nominal Vision Carrier : 519.25 MHz  
Class of Emission (Vision) : 6M253CF  
Associated Sound Carrier : 524.75 MHz  
Class of Emission (Sound) : 750KF3EGN  

MAXIMUM POWER OF EMISSIONS  
Maximum eirp of peak vision carrier : 29 dBW eirp  

ANTENNA POLARISATION : Horizontal  

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level  

RECEIVE COVERAGE LOCATIONS  
NZMS 262-4 765275, 777277, 778269, 772256, 761251  

SPECIAL CONDITIONS  
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.  
(b) The maximum permitted interfering signal is 20 dBµV/m measured with a horizontally polarized antenna or 40 dBµV/m measured with a vertically polarized antenna.
**LOCATION**
- Site Name: Taumarunui
- Map: NZMS260/S19
- Grid Reference: 013553
- Altitude: 518 m Above Mean Sea Level

**FREQUENCY AND CLASS OF EMISSION**
- Channel: 30
- Nominal Vision Carrier: 543.25 MHz
- Class of Emission (Vision): 6M253CF
- Associated Sound Carrier: 548.75 MHz
- Class of Emission (Sound): 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**
- Maximum eirp of peak vision carrier: 28 dBW eirp

**ANTENNA POLARISATION**
- Horizontal

**NOMINAL ANTENNA HEIGHT**
- 12 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**
- NZMS 262-4 787323, 775308, 802303, 801294, 784297

**SPECIAL CONDITIONS**
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Whakapunake
Map: NZMS260/X18
Grid Reference: 091532
Altitude: 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 28
Nominal Vision Carrier: 527.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 532.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION

horizontal

NOMINAL ANTENNA HEIGHT

55 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 940271, 950266, 939279.
NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Erin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/V22</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>391556</td>
</tr>
<tr>
<td>Altitude</td>
<td>489 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>535.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>540.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

- Maximum eirp of peak vision carrier: 51 dBW eirp

### ANTENNA POLARISATION

- Vertical

### NOMINAL ANTENNA HEIGHT

- 50 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mt Egmont</td>
<td>NZMS260/P20</td>
<td>035122</td>
<td>1467 m Above Mean Sea Level</td>
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<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
<tr>
<td>ANTENNA POLARISATION</td>
</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-6 603236, 622206, 636160, 613179, 631244</td>
</tr>
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<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
<tr>
<td>LOCATION</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td></td>
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<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-6 683137, 713124, 730110</td>
</tr>
<tr>
<td>NZMS 262-8 723079, 689050, 738057, 725079</td>
</tr>
<tr>
<td>NZMS 262-7 774108</td>
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### LOCATION
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Otahoua</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T26</td>
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<tr>
<td>Grid Reference</td>
<td>417219</td>
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<td>Altitude</td>
<td>350 m Above Mean Sea Level</td>
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### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
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</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>535.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>540.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>49 dBW eirp</th>
</tr>
</thead>
</table>

### ANTENNA POLARISATION

| Horizontal |

### NOMINAL ANTENNA HEIGHT

| 52 m Above Mean Ground Level |

### RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 001JJA

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Kaukau</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS250/R27</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>590955</td>
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<tr>
<td>Altitude</td>
<td>425 m Above Mean Sea level</td>
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</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

| Channel   | 28 |
| Nominal Vision Carrier | 527.25 MHz |
| Class of Emission (Vision) | 6M253CF |
| Associated Sound Carrier | 532.75 MHz |
| Class of Emission (Sound) | 750KF3EGN |

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 54 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-8 686009, 670018, 658988, 661989, 668988.

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Grampians
Map: NZMS260/027
Grid Reference: 234928
Altitude: 392 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 27
Nominal Vision Carrier: 519.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 524.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 44 dBW eirp

ANTENNA POLARISATION
Horizontal

NOMINAL ANTENNA HEIGHT
61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Wither Hills</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/P28</td>
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<tr>
<td>Grid Reference</td>
<td>921618</td>
<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>229 m Above Mean Sea level</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-9 576967, 583962, 597978, 597963</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
</tbody>
</table>
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Rochfort</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/K29</td>
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<tr>
<td>Grid Reference</td>
<td>053357</td>
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<tr>
<td>Altitude</td>
<td>1041 m Above Mean Sea level</td>
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</table>

**FREQUENCY AND CLASS OF EMISSION**

- **Channel**: 27
- **Nominal Vision Carrier**: 519.25 MHz
- **Class of Emission (Vision)**: 6M253CF
- **Associated Sound Carrier**: 524.75 MHz
- **Class of Emission (Sound)**: 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**

- Maximum eirp of peak vision carrier: 47 dBW eirp

**ANTENNA POLARISATION**

- Vertical

**NOMINAL ANTENNA HEIGHT**

- 52 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-10 381921, 383938, 393940, 410947, 394937

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.3 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 001JJA

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Paparoa</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/K31</td>
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<tr>
<td></td>
<td>Grid Reference</td>
<td>735656</td>
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<tr>
<td></td>
<td>Altitude</td>
<td>823 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>527.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>532.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>75OKF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier | 49 dBW eirp |

**ANTENNA POLARISATION**

Horizontal

**NOMINAL ANTENNA HEIGHT**

52 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262 -10 365869, 362860, 357849, 343830, 331810

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Sugarloaf
Map: NZMS260/M36
Grid Reference: 817337
Altitude: 494 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 30
Nominal Vision Carrier: 543.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 540.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 64 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 381660, 382709, 399742, 444768,
478758, 488743, 458706

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit Limit in the General Provisions.
PART LOT 001JJA

LOCATION
Site Name : Mt Mary
Map       : NZMS260/I38
Grid Reference : 921707
Altitude    : 991 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel        : 29
Nominal Vision Carrier : 527.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 532.75 MHz
Class of Emission (Sound) : 750kF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION
: Horizontal

NOMINAL ANTENNA HEIGHT
: 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 344830, 350817, 332810, 385847, 395830.

SPECIAL CONDITIONS
(a) The eirp of any emission on 114.3 MHz ±3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Mount Studholme
Map: NZMS260/J40
Grid Reference: 442164
Altitude: 1080 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 27
Nominal Vision Carrier: 519.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 524.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 47 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 322660, 361659.
NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Obelisk
Map: NZMS260/G42
Grid Reference: 126360
Altitude: 1690 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 27
Nominal Vision Carrier: 519.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 524.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 44 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-15 222529, 221551, 263583, 256588.
NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 001JJA

LOCATION
Site Name : Little Mt Ida
Map : NZMS260/H41
Grid Reference : 785793
Altitude : 1174 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 30
Nominal Vision Carrier : 543.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 548.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 46 dBW eirp

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
PART LOT 001JJA

LOCATION

Site Name: Mt Cargill
Map: NZMS260/I44
Grid Reference: 198853
Altitude: 671 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 28
Nominal Vision Carrier: 527.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 532.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 60 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

SPECIAL CONDITIONS

(a) The eirp of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Hedgehope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/F45</td>
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<tr>
<td>Grid Reference</td>
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<tr>
<td>Altitude</td>
<td>644 m Above Mean Sea level</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>30</th>
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<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>543.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>548.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier | 54 dBW eirp |

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

115 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-16 118448, 126416, 152390, 156487
NZMS 262-17 184400, 199451
PART LOT 001JJA

LOCATION
Site Name: Kuriwao
Map: NZMS260/G46
Grid Reference: 301348
Altitude: 638 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel: 29
Nominal Vision Carrier: 535.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 540.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 38 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412
LOT 002JJB
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Maungataniwha</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/004</td>
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</tr>
<tr>
<td>Grid Reference</td>
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</tr>
<tr>
<td>Altitude</td>
<td>582 m Above Mean</td>
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</tr>
<tr>
<td></td>
<td>Sea Level</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
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<tbody>
<tr>
<td>Nominal Vision Carrier</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>564.75 MHz</td>
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<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier : 44 dBW eirp

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

52 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-1 561657, 524670, 522700, 545703, 581680

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.
PART LOT 002JJB

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Hikurangi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/P06</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>937288</td>
<td></td>
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<tr>
<td>Altitude</td>
<td>662 m Above Mean Sea Level</td>
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</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
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<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>61 m Above Mean Ground Level</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-2 609647, 582644, 575633, 587625, 617633.</td>
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</tbody>
</table>
PART LOT 002JJB

LOCATION

Site Name: Horokaka
Map: NZMS260/Q07
Grid Reference: 131916
Altitude: 516 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSIONS

Channel: 34
Nominal Vision Carrier: 575.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 580.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 38 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 49 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 002JJB  

LOCATION  
Site Name: Parahaki  
Map: NZMS260/Q07  
Grid Reference: 315089  
Altitude: 243 m Above Mean Sea Level  

FREQUENCY AND CLASS OF EMISSION  
Channel: 32  
Nominal Vision Carrier: 559.25 MHz  
Class of Emission (Vision): 6M253CF  
Associated Sound Carrier: 564.75 MHz  
Class of Emission (Sound): 75OKF3EGN  

MAXIMUM POWER OF EMISSIONS  
Maximum eirp of peak vision carrier: 27 dBW eirp  

ANTENNA POLARISATION: Horizontal  

NOMINAL ANTENNA HEIGHT: 17 m Above Mean Ground Level  

RECEIVE COVERAGE LOCATIONS  
NZMS262-2 625613, 628606, 632615, 628612  

SPECIAL CONDITIONS  
(a) The maximum permitted interfering signal is 30 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.
LOCATION

Site Name: Waipatarua
Map: NZMS260/R11
Grid Reference: 501740
Altitude: 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 31
Nominal Vision Carrier: 551.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 556.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 59 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680463, 663498

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The eirp shall be minimized within the sector 170° to 320° notwithstanding the conditions of the General Provisions.
PART LOT 002JJB

LOCATION

Site Name: Te Aroha
Map: NZMS260/T13
Grid Reference: 525038
Altitude: 944 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 32
Nominal Vision Carrier: 559.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 564.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 59 dBW eirp

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

: 126 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-3 719437, 774411.
NZMS 262-4 802380, 752355, 714353, 700391.
LOCATION

Site Name: Mt Edgecumbe
Map: NZMS260/V16
Grid Reference: 378373
Altitude: 774 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 33
Nominal Vision Carrier: 567.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 572.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION  Site Name : Pukepoto
          Map     : NZMS260/U16
          Grid Reference : 036357
          Altitude : 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 31
Nominal Vision Carrier : 551.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 556.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 26 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 33 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
PART LOT 002JJB

LOCATION
Site Name : Paeroa Range
Map : NZMS260/U17
Grid Reference : 946084
Altitude : 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 34
Nominal Vision Carrier : 575.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 580.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 34 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 22 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Tuhiingamata
Map: NZMS260/U18
Grid Reference: 706728
Altitude: 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>31</td>
<td>551.25 MHz</td>
<td>6M253CF</td>
<td>556.75 MHz</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 29 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 765275, 777277, 778269, 772256, 761251

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 20 dBμV/m measured with a horizontally polarized antenna or 40 dBμV/m measured with a vertically polarized antenna.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Taumarunui</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/S18</td>
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<tr>
<td></td>
<td>Grid Reference</td>
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<tr>
<td></td>
<td>Altitude</td>
<td>518 m Above Mean</td>
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<tr>
<td></td>
<td></td>
<td>Sea Level</td>
</tr>
<tr>
<td>FREQUENCY AND CLASS OF EMISSION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Channel</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
<td>575.25 MHz</td>
<td></td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
<td></td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>580.75 MHz</td>
<td></td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
<td></td>
</tr>
<tr>
<td>MAXIMUM POWER OF EMISSIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum eirp of peak vision carrier</td>
<td>28 dBW eirp</td>
<td></td>
</tr>
<tr>
<td>ANTENNA POLARISATION</td>
<td>Horizontal</td>
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</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
<td>12 m Above Mean Ground Level</td>
<td></td>
</tr>
<tr>
<td>RECEIVE COVERAGE LOCATIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NZMS 262-4</td>
<td>797323, 775308, 802303, 801294, 784297</td>
<td></td>
</tr>
<tr>
<td>SPECIAL CONDITIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
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</tbody>
</table>
LOCATION
Site Name : Whakapunake
Map : NZMS260/X18
Grid Reference : 091532
Altitude : 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 32
Nominal Vision Carrier : 559.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 564.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 55 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 940271, 950266, 939279.
NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Erin</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
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<tr>
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<td>Altitude</td>
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### FREQUENCY AND CLASS OF EMISSION

<table>
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<tr>
<th>Channel</th>
<th>33</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
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</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>572.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

- Maximum eirp of peak vision carrier: 51 dBW eirp

### ANTENNA POLARISATION

- Vertical

### NOMINAL ANTENNA HEIGHT

- 50 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

- NZMS 262-7 846195, 847180, 849169, 820139, 833172.

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Mt Egmont
Map: NZMS260/P20
Grid Reference: 035122
Altitude: 1467 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 33
Nominal Vision Carrier: 567.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 572.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS: NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name : Wharite
Map : NZMS260/T23
Grid Reference : 529017
Altitude : 915 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 34
Nominal Vision Carrier : 575.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 580.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 57 dBW eirp

ANTENNA POLARISATION : Vertical

Nominal Antenna Height : 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-6 683137, 713124, 730110
NZMS 262-8 723079, 689050, 738057, 725079
NZMS 262-7 774108
LOCATION

Site Name: Otahoua
Map: NZMS260/T26
Grid Reference: 417219
Altitude: 350 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 33
Nominal Vision Carrier: 567.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 572.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 49 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Kaukau</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/R27</td>
</tr>
<tr>
<td>Grid Reference</td>
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<tr>
<td>Altitude</td>
<td>425 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

| Channel | 32 |
| Nominal Vision Carrier | 559.25 MHz |
| Class of Emission (Vision) | 6M253CF |
| Associated Sound Carrier | 564.75 MHz |
| Class of Emission (Sound) | 750KF3EGN |

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 54 dBW eirp |

ANTENNA POLARISATION

| Horizontal |

NOMINAL ANTENNA HEIGHT

| 122 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

| NZMS 262-8 686009, 670018, 658988, 661989, 668988 |

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 002JJB

LOCATION
  Site Name : Grampians
  Map : NZMS260/027
  Grid Reference : 334898
  Altitude : 392 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
  Channel : 31
  Nominal Vision Carrier : 551.25 MHz
  Class of Emission (Vision) : E6M253CF
  Associated Sound Carrier : 556.75 MHz
  Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS
  Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION
  : Horizontal

NOMINAL ANTENNA HEIGHT
  : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
  NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS
  (a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Wither Hills</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
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<tr>
<td>Altitude</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
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<tr>
<th>Channel</th>
<th>33</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>567.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>572.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 31 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 12 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION

<table>
<thead>
<tr>
<th>Location</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mt Rochfort</td>
<td>NZMS260/K29</td>
<td>053357</td>
<td>1041 m Above Mean Sea level</td>
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### FREQUENCY AND CLASS OF EMISSION

- **Channel**: 31
- **Nominal Vision Carrier**: 551.25 MHz
- **Class of Emission (Vision)**: 6M253CF
- **Associated Sound Carrier**: 556.75 MHz
- **Class of Emission (Sound)**: 750KF3EGN

### MAXIMUM POWER OF EMISSIONS

- **Maximum eirp of peak vision carrier**: 47 dBW eirp

### ANTENNA POLARISATION

- **Vertical**

### NOMINAL ANTENNA HEIGHT

- **52 m Above Mean Ground Level**

### RECEIVE COVERAGE LOCATIONS

- NZMS 262-10 381921, 383938, 393940, 410947, 394937

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name : Paparoa
Map : NZMS260/K31
Grid Reference : 735656
Altitude : 823 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 32
Nominal Vision Carrier : 559.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 564.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 49 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262 -10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
Site Name: Sugarloaf  
Map: NZMS260/M36  
Grid Reference: 817337  
Altitude: 494 m Above Mean Sea Level

Channel: 34  
Nominal Vision Carrier: 575.25 MHz  
Class of Emission (Vision): 6M253CF  
Associated Sound Carrier: 580.75 MHz  
Class of Emission (Sound): 750KF3EGN

Maximum eirp of peak vision carrier: 64 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 381660, 382709, 399742, 444768, 478768, 488743, 458706

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Mt Mary
Map: NZMS260/I38
Grid Reference: 921707
Altitude: 991 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 32
Nominal Vision Carrier: 559.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 564.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Horizontal

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS
(a) The eirp of any emission on 114.3 MHz ±3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 002JJB

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Mount Studholme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/J40</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>442164</td>
<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>1080 m Above Mean</td>
<td></td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>31</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>551.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>556.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier | 47 dBW eirp |

**ANTENNA POLARISATION**

| Vertical |

**NOMINAL ANTENNA HEIGHT**

| 61 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

| NZMS 262-13 382660, 361659. |
| NZMS 262-15 369649, 360586, 350565. |

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 002JJB

LOCATION
Site Name : Obelisk
Map : NZMS260/G42
Grid Reference : 126360
Altitude : 1690 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel : 31
Nominal Vision Carrier : 551.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 556.75 MHz
Class of Emission (Sound) : 750KF3EKN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION
 : Horizontal

NOMINAL ANTENNA HEIGHT
 : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-15 222529, 221551, 263583, 256588.
NZMS 262-14 211572.

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION
- **Site Name**: Little Mt Ida
- **Map**: NZMS260/H41
- **Grid Reference**: 785793
- **Altitude**: 1174 m Above Mean Sea level

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>575.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>580.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>75OKF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS
- Maximum eirp of peak vision carrier: 46 dBW eirp
- **Antenna Polarisation**: Vertical
- **Nominal Antenna Height**: 52 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS
- NZMS 262-15 265578, 267539, 279545, 299560

### SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOCATION
Site Name : Mt Cargill
Map : NZMS260/I44
Grid Reference : 198853
Altitude : 671 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>559.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>564.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 60 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-17 323497, 332486, 317474, 284469, 292481.

SPECIAL CONDITIONS

(a) The eirp of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Hedgehope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/F45</td>
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</tr>
<tr>
<td>Grid Reference</td>
<td>782485</td>
<td></td>
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<tr>
<td>Altitude</td>
<td>644 m Above Mean Sea level</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
<td>575.25 MHz</td>
<td></td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
<td></td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>580.75 MHz</td>
<td></td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
<td>54 dBW eirp</td>
<td></td>
</tr>
</tbody>
</table>

| ANTENNA POLARISATION            | Vertical |        |

| NOMINAL ANTENNA HEIGHT          | 115 m Above Mean Ground Level |        |

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-16 118448, 126416, 152390, 156487</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NZMS 262-17 184400, 199451</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**LOCATION**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Name</td>
<td>Kuriwao</td>
</tr>
<tr>
<td>Map</td>
<td>NZMS260/G46</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>301348</td>
</tr>
<tr>
<td>Altitude</td>
<td>638 m Above Mean Sea level</td>
</tr>
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</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
<td>33</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
<td>567.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>572.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
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</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
<td>38 dBW eirp</td>
</tr>
<tr>
<td>ANTENNA POLARISATION</td>
<td>Horizontal</td>
</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
<td>52 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412
LOT 003JJC
LOCATION

Site Name: Maungataniwha
Map: NZMS260/004
Grid Reference: 584703
Altitude: 582 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 44
Nominal Vision Carrier: 655.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 660.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 44 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-1 561657, 524670, 522700, 545703, 581680.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.
LOCATION  Site Name : Hikurangi
Map : NZMS260/P06
Grid Reference : 937288
Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 45
Nominal Vision Carrier : 663.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 668.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 35 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-2 609647, 582644, 575633, 587625, 617633.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Horokaka</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/Q07</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>131916</td>
</tr>
<tr>
<td>Altitude</td>
<td>516 m Above Mean</td>
</tr>
</tbody>
</table>

Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>46</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>671.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>676.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSEIONS

Maximum eirp of peak vision carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 49 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Parahaki</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/Q07</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>315089</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>243 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>655.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>660.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>75OKF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier | 27 dBW eirp |

**ANTENNA POLARISATION**

|                      | Horizontal               |

**NOMINAL ANTENNA HEIGHT**

|                      | 17 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

| NZMS262-2            | 625613, 628606, 632615, 628612 |

**SPECIAL CONDITIONS**

(a) The maximum permitted interfering signal is 30 dB\(\mu V/m\) measured with a horizontally polarized antenna or 50 dB\(\mu V/m\) measured with a vertically polarized antenna.
PART LOT 003JJC

LOCATION

Site Name: Waiatarua
Map: NZMS260/R11
Grid Reference: 501740
Altitude: 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 43
Nominal Vision Carrier: 647.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 652.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 59 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS262-3 665432, 688447, 690463, 680483, 663498

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The eirp shall be minimized within the sector 170° to 320° notwithstanding the conditions of the General Provisions.
PART LOT 003JJC

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Te Aroha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T13</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>525038</td>
</tr>
<tr>
<td>Altitude</td>
<td>944 m Above Mean Sea Level</td>
</tr>
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</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>655.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>660.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>59 dBW eirp</th>
</tr>
</thead>
</table>

ANTENNA POLARISATION

<table>
<thead>
<tr>
<th>NOMINAL ANTENA HEIGHT</th>
<th>Vertical</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>126 m Above Mean Ground Level</td>
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</tbody>
</table>

RECEIVE COVERAGE LOCATIONS

<table>
<thead>
<tr>
<th>NZMS 262-3 719437, 774411.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-4 802380, 752355, 714353, 700391.</td>
</tr>
</tbody>
</table>
PART LOT 003JJC

LOCATION
Site Name: Mt Edgecumbe
Map: NZMS260/V16
Grid Reference: 378373
Altitude: 774 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 45
Nominal Vision Carrier: 663.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 668.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5: 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION | Site Name | Pukepoto  
|-----------|-----------|-----------
| Map       | NZMS260/U16 |  
| Grid Reference | 036357 |  
| Altitude | 564 m Above Mean Sea Level |  

FREQUENCY AND CLASS OF EMISSION

| Channel | 43 |  
| Nominal Vision Carrier | 647.25 MHz |  
| Class of Emission (Vision) | 6M253CF |  
| Associated Sound Carrier | 652.75 MHz |  
| Class of Emission (Sound) | 75OKF3EGN |  

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier | 26 dBW eirp |  

ANTENNA POLARISATION | Vertical |  

NOMINAL ANTENNA HEIGHT | 33 m Above Mean Ground Level |  

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz +8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
PART LOT 003JJC

LOCATION
Site Name: Paeroa Range
Map: NZMS260/U17
Grid Reference: 946084
Altitude: 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 46
Nominal Vision Carrier: 671.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 676.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 34 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 22 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Tuhungamata
Map: NZMS260/U18
Grid Reference: 706728
Altitude: 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 43
Nominal Vision Carrier: 647.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 652.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 29 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 765275, 777277, 778269, 772256, 761251

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 20 dBBV/m measured with a horizontally polarized antenna or 40 dBBV/m measured with a vertically polarized antenna.
<table>
<thead>
<tr>
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<th>Site Name</th>
<th>Taumarunui</th>
</tr>
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<tbody>
<tr>
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<td>NZMS260/S18</td>
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<td>Grid Reference</td>
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<tr>
<td>Altitude</td>
<td>518 m Above Mean Sea Level</td>
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</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
<th>Horizontal</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
<th>12 m Above Mean Ground Level</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-4 787323, 775308, 802303, 801294, 784297</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
<tr>
<td>Location</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>Location</td>
</tr>
<tr>
<td>Location</td>
</tr>
<tr>
<td>Location</td>
</tr>
</tbody>
</table>

**Frequency and Class of Emission**

- **Channel**: 44
- **Nominal Vision Carrier**: 655.25 MHz
- **Class of Emission (Vision)**: 6M253CF
- **Associated Sound Carrier**: 660.75 MHz
- **Class of Emission (Sound)**: 750KF3EGN

**Maximum Power of Emissions**

- **Maximum eirp of peak vision carrier**: 48 dBW eirp

**Antenna Polarisation**

- **Horizontal**

**Nominal Antenna Height**

- **55 m Above Mean Ground Level**

**Receive Coverage Locations**

- NZMS 262-5 940271, 950266, 939279.
- NZMS 262-7 932224, 893232, 892239.

**Special Conditions**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Mt Erin</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/V22</td>
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<tr>
<td></td>
<td>Grid Reference</td>
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<tr>
<td></td>
<td>Altitude</td>
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</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>45</td>
<td>663.25 MHz</td>
<td>6M253CF</td>
<td>668.75 MHz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 51 dBW eirp

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

50 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-7 846195, 847180, 849169, 820139, 823172.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Egmont</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/P20</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>035122</td>
</tr>
<tr>
<td>Altitude</td>
<td>1467 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>663.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>668.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier | 48 dBW eirp |

**ANTENNA POLARISATION**

| Horizontal |

**NOMINAL ANTENNA HEIGHT**

| 43 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

| NZMS 262-6 603236, 622206, 636160, 613179, 631244 |

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS260/T23</td>
<td>Wharite</td>
<td>529017</td>
<td></td>
<td>915 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-6 683137, 713124, 730110</td>
</tr>
<tr>
<td>NZMS 262-8 723079, 689050, 738057, 725079</td>
</tr>
<tr>
<td>NZMS 262-7 774108</td>
</tr>
</tbody>
</table>
LOCATION

Site Name : Otahoua
Map : NZMS260/T26
Grid Reference : 417219
Altitude : 350 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 45
Nominal Vision Carrier : 663.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 668.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 49 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**  
Site Name: Kaukau  
Map: NZMS260/R27  
Grid Reference: 590955  
Altitude: 425 m Above Mean Sea Level

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Frequency (Vision)</th>
<th>Class of Emission (Vision)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>655.25 MHz</td>
<td>6M253CF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Channel</th>
<th>Frequency (Sound)</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>660.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 54 dBW eirp

**ANTENNA POLARISATION**

Horizontal

**NOMINAL ANTENNA HEIGHT**

122 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**
- Site Name: Grampians
- Map: NZMS260/027
- Grid Reference: 334898
- Altitude: 392 m Above Mean Sea Level

**FREQUENCY AND CLASS OF EMISSION**
- Channel: 43
- Nominal Vision Carrier: 647.25 MHz
- Class of Emission (Vision): 6M253CF
- Associated Sound Carrier: 652.75 MHz
- Class of Emission (Sound): 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**
- Maximum eirp of peak vision carrier: 44 dBW eirp

**ANTENNA POLARISATION**
- Horizontal

**NOMINAL ANTENNA HEIGHT**
- 61 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**
- NZMS 262-9 537997, 530991, 517982, 508013, 526985

**SPECIAL CONDITIONS**
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Wither Hills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/P28</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>921618</td>
<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>229 m Above Mean Sea level</td>
<td></td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>663.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>668.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 31 dBW eirp

**ANTENNA POLARISATION**

Horizontal

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-9 576967, 583962, 597978, 597963

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION
- **Site Name**: Mt Rochfort
- **Map**: NZMS260/K29
- **Grid Reference**: 053357
- **Altitude**: 1041 m Above Mean Sea level

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>647.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>652.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

- **Maximum eirp of peak vision carrier**: 47 dBW eirp

### ANTENNA POLARISATION
- Vertical

### NOMINAL ANTENNA HEIGHT
- 52 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS
- NZMS 262-10 381921, 383938, 393940, 410947, 394937

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Paparoa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/K31</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>735656</td>
<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>823 m Above Mean Sea level</td>
<td></td>
</tr>
</tbody>
</table>

### FREQUENCY AND CLASS OF EMISSION

- **Channel**: 44
- **Nominal Vision Carrier**: 655.25 MHz
- **Class of Emission (Vision)**: 6M253CF
- **Associated Sound Carrier**: 660.75 MHz
- **Class of Emission (Sound)**: 75OKF3EGN

### MAXIMUM POWER OF EMISSIONS

- **Maximum eirp of peak vision carrier**: 49 dBW eirp

### ANTENNA POLARISATION

- **Horizontal**

### NOMINAL ANTENNA HEIGHT

- **52 m Above Mean Ground Level**

### RECEIVE COVERAGE LOCATIONS

NZMS 262 -10 365869, 362860, 357849, 343830, 331810

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>NZMS260/M36</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/M36</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>817337</td>
<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>494 m Above Mean Sea level</td>
<td></td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>46</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>671.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>676.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier | 64 dBW eirp |

**ANTENNA POLARISATION**

| Horizontal |

**NOMINAL ANTENNA HEIGHT**

| 121 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

| NZMS 262-13 381660, 382709, 399742, 444768, 478768, 488743, 458706 |

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.3 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Mt Mary
Map: NZMS250/I32
Grid Reference: 921707
Altitude: 991 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel: 44
Nominal Vision Carrier: 655.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 660.75 MHz
Class of Emission (Sound): 750K3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 344830, 350817, 332810, 305847, 385830.

SPECIAL CONDITIONS
(a) The eirp of any emission on 114.3 MHz ±3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mount Studholme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/J40</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>442164</td>
</tr>
<tr>
<td>Altitude</td>
<td>1080 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>:</th>
<th>43</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>MHz</td>
<td>647.25</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>MHz</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>MHz</td>
<td>652.75</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | : | 47 dBW eirp |

ANTENNA POLARISATION

| : | Vertical |

NOMINAL ANTENNA HEIGHT

| : | 61 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

| NZMS 262-13 382660, 361659. |
| NZMS 262-15 369649, 360586, 350565. |

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 003JJC

LOCATION

Site Name : Obelisk
Map : NZMS260/G42
Grid Reference : 126360
Altitude : 1690 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 43
Nominal Vision Carrier : 647.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 652.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION : Horizontal

RECEIVE COVERAGE LOCATIONS

NZMS 262-15 222529, 221551, 263583, 256588.
NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION

- **Site Name**: Little Mt Ida
- **Map**: NZMS260/H41
- **Grid Reference**: 785793
- **Altitude**: 1174 m Above Mean Sea level

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>46</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>671.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>676.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>75OKF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

- Maximum eirp of peak vision carrier: 46 dBW eirp

### ANTENNA POLARISATION

- Vertical

### NOMINAL ANTENNA HEIGHT

- 52 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

### SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOCATION
Site Name: Mt Cargill
Map: NZMS260/I44
Grid Reference: 198853
Altitude: 671 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 44
Nominal Vision Carrier: 655.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 660.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 60 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-17 323497, 332486, 317474, 284469, 292481.

SPECIAL CONDITIONS
(a) The eirp of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 003JJC

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Hedgehope</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/F45</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>782485</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>644 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>671.25 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td></td>
<td>Associated Sound Carrier</td>
<td>676.75 MHz</td>
</tr>
<tr>
<td></td>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 54 dBW eirp |

ANTENNA POLARISATION

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
<th>Vertical</th>
</tr>
</thead>
<tbody>
<tr>
<td>115 m Above Mean Ground Level</td>
<td></td>
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</tbody>
</table>

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487
NZMS 262-17 184400, 199451
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Kuriwao</td>
<td>NZMS260/G46</td>
<td>301348</td>
<td>638 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>52 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412</td>
</tr>
</tbody>
</table>
LOT 004JJD
PART LOT 004JJD

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maungataniwha</td>
<td>NZMS260/004</td>
<td>584703</td>
<td>582 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>687.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>692.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>44 dBW eirp</th>
</tr>
</thead>
</table>

**ANTENNA POLARISATION**

| Vertical |

**NOMINAL ANTENNA HEIGHT**

| 52 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.
LOCATION

Site Name: Hikurangi
Map: NZMS260/P06
Grid Reference: 937288
Altitude: 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 49
Nominal Vision Carrier: 695.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 700.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 35 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-2 609647, 582644, 575633, 587625, 617633.
LOCATION  
Site Name : Horokaka  
Map : NZMS260/Q07  
Grid Reference : 131916  
Altitude : 516 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 50  
Nominal Vision Carrier : 703.25 MHz  
Class of Emission (Vision) : 6M253CF  
Associated Sound Carrier : 708.75 MHz  
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 49 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 004JJD

LOCATION

Site Name: Parahaki
Map: NZMS260/Q07
Grid Reference: 315089
Altitude: 243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>687.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>692.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 27 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 17 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBuV/m measured with a horizontally polarized antenna or 50 dBuV/m measured with a vertically polarized antenna.
PART LOT 004JJD

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waiatarua</td>
<td>NZMS260/R11</td>
<td>501740</td>
<td>394 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td>47</td>
<td>679.25 MHz</td>
<td>6M253CF</td>
<td>684.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>dBW eirp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>59</td>
</tr>
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</table>

ANTENNA POLARISATION

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

RECEIVE COVERAGE LOCATIONS

| NZMS262-3 | 665432, 688447, 690463, 680483, 663498 |

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The eirp shall be minimized within the sector 170° to 320° notwithstanding the conditions of the General Provisions.
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Te Aroha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T13</td>
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<tr>
<td>Grid Reference</td>
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<tr>
<td>Altitude</td>
<td>944 m Above Mean</td>
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<tr>
<td></td>
<td>Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>687.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>692.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier | 59 dBW eirp |

**ANTENNA POLARISATION**

| Vertical |

**NOMINAL ANTENNA HEIGHT**

<table>
<thead>
<tr>
<th>126 m Above Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Level</td>
</tr>
</tbody>
</table>

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-3 719437, 774411.
NZMS 262-4 802380, 752355, 714353, 700391.
PART LOT 004JJD

LOCATION
Site Name: Mt Edgecumbe
Map: NZMS260/V16
Grid Reference: 378373
Altitude: 774 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel: 49
Nominal Vision Carrier: 695.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 700.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION
Vertical

NOMINAL ANTENNA HEIGHT
61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Pukepoto
Map: NZMS260/U16
Grid Reference: 036357
Altitude: 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 47
Nominal Vision Carrier: 679.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 684.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 26 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 33 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOCATION  Site Name : Paeroa Range
Map : NZMS260/U17
Grid Reference : 946084
Altitude : 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 50
Nominal Vision Carrier : 703.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 708.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 34 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 22 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name : Tuhi ngamata
Map : NZMS260/U18
Grid Reference : 706728
Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 47
Nominal Vision Carrier : 679.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 684.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 29 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 765275, 777277, 778269, 772256, 761251

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 20 dBµV/m measured with a horizontally polarized antenna or 40 dBµV/m measured with a vertically polarized antenna.
PART LOT 004JJD

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Taumarunui</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/S18</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>013553</td>
</tr>
<tr>
<td>Altitude</td>
<td>518 m Above Mean Sea Level</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
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<tr>
<th>Channel</th>
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</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
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</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>708.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier | 28 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT

12 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name : Whakapunake
Map : NZMS260/X18
Grid Reference : 091532
Altitude : 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel : 48
Nominal Vision Carrier : 687.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 692.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 55 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 940271, 950266, 939279.
NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Mt Erin
Map: NZMS260/V22
Grid Reference: 391556
Altitude: 489 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 49
Nominal Vision Carrier: 695.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 700.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 51 dBW eirp
ANTENNA POLARISATION: Vertical
NOMINAL ANTENNA HEIGHT: 50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Mt Egmont
Map: NZMS260/P20
Grid Reference: 035122
Altitude: 1467 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 49
Nominal Vision Carrier: 695.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 700.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:

NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Wharite</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/T23</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>529017</td>
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<td></td>
<td>Altitude</td>
<td>915 m Above Mean Sea Level</td>
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</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-6 683137, 713124, 730110</td>
</tr>
<tr>
<td>NZMS 262-8 723079, 689050, 738057, 725079</td>
</tr>
<tr>
<td>NZMS 262-7 774108</td>
</tr>
</tbody>
</table>
PART LOT 004JJD

LOCATION
Site Name : Otahoua
Map : NZMS260/T26
Grid Reference : 417219
Altitude : 350 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 49
Nominal Vision Carrier : 695.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 700.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 49 dBW eirp

ANTENNA POLARISATION
Horizontal

NOMINAL ANTENNA HEIGHT
52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Kaukau
Map: NZMS260/R27
Grid Reference: 590955
Altitude: 425 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 48
Nominal Vision Carrier: 687.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 692.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 54 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 686009, 670018, 658988, 661989, 668988.

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 004JJD

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Grampians</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/027</td>
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<tr>
<td>Grid Reference</td>
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<td>Altitude</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>47</th>
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</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>679.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>684.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 44 dBW eirp

**ANTENNA POLARISATION**

Horizontal

**NOMINAL ANTENNA HEIGHT**

61 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-9 537997, 530991, 517982, 508013, 526985

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Wither Hills
Map: NZMS260/P28
Grid Reference: 921618
Altitude: 229 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>49</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>695.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>700.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 31 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 12 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Rochfort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/K29</td>
</tr>
<tr>
<td>Grid Reference</td>
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<tr>
<td>Altitude</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
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</tr>
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<tbody>
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</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>684.75 MHz</td>
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<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 47 dBW eirp |

ANTENNA POLARISATION

| Vertical |

NOMINAL ANTENNA HEIGHT

| 52 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

| NZMS 262-10 381921, 383938, 393940, 410947, 394937 |

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION
- Site Name: Paparoa
- Map: NZMS260/K31
- Grid Reference: 735656
- Altitude: 823 m Above Mean Sea Level

### FREQUENCY AND CLASS OF EMISSION
- Channel: 48
- Nominal Vision Carrier: 687.25 MHz
- Class of Emission (Vision): 6M253CF
- Associated Sound Carrier: 692.75 MHz
- Class of Emission (Sound): 750KF3EGN

### MAXIMUM POWER OF EMISSIONS
- Maximum eirp of peak vision carrier: 49 dBW eirp

### ANTENNA POLARISATION
- Horizontal

### NOMINAL ANTENNA HEIGHT
- 52 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS
- NZMS 262 -10 365869, 362860, 357849, 343830, 331810

### SPECIAL CONDITIONS
- (a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
## Location

<table>
<thead>
<tr>
<th>Site Name</th>
<th>NZMS260/M36</th>
<th>817337</th>
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</table>

## Frequency and Class of Emission

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
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<tbody>
<tr>
<td></td>
<td>50</td>
<td>6M253CF</td>
<td>708.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

## Maximum Power of Emissions

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>64 dBW eirp</th>
</tr>
</thead>
</table>

## Antenna Polarisation

<table>
<thead>
<tr>
<th>Nominal Antenna Height</th>
<th>Horizontal</th>
</tr>
</thead>
<tbody>
<tr>
<td>121 m Above Mean Ground Level</td>
<td></td>
</tr>
</tbody>
</table>

## Receive Coverage Locations

NZMS 262-13 381660, 382709, 399742, 444768, 478768, 488743, 458706

## Special Conditions

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp can not exceed -20dBW in the sector 20° TN through 80° TN.
LOCATION
  Site Name : Mt Mary
  Map       : NZMS260/I38
  Grid Reference : 921707
  Altitude : 991 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>687.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>692.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS

(a) The eirp of any emission on 114.3 MHz ±3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name : Mount Studholme
Map : NZMS260/J40
Grid Reference : 442164
Altitude : 1080 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel : 47
Nominal Vision Carrier : 679.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 684.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : 47 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 382660, 361659.
NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.3 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 004JJD

LOCATION
Site Name : Obelisk
Map : NZMS260/G42
Grid Reference : 126360
Altitude : 1690 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 47
Nominal Vision Carrier : 679.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 684.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-15 222529, 221551, 263583, 256588.
NZMS 262-14 211572.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Little Mt Ida
Map: NZMS260/H41
Grid Reference: 785793
Altitude: 1174 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 50
Nominal Vision Carrier: 703.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 708.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 46 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS
(a) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
LOCATION
Site Name: Mt Cargill
Map: NZMS260/I44
Grid Reference: 198853
Altitude: 671 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 48
Nominal Vision Carrier: 687.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 692.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 60 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-17 323497, 332486, 317474, 284469, 292481.

SPECIAL CONDITIONS

(a) The eirp of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>Location</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hedgehope</td>
<td>NZMS260/F45</td>
<td>782485</td>
<td>644 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

**Frequency and Class of Emission**

<table>
<thead>
<tr>
<th>Channel</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>703.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>708.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**Maximum Power of Emissions**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>54 dBW eirp</th>
</tr>
</thead>
</table>

**Antenna Polarisation**

<table>
<thead>
<tr>
<th>Vertical</th>
</tr>
</thead>
</table>

**Nominal Antenna Height**

<table>
<thead>
<tr>
<th>115 m Above Mean Ground Level</th>
</tr>
</thead>
</table>

**Receive Coverage Locations**

| NZMS 262-16 | 118448, 126416, 152390, 156487 |
| NZMS 262-17 | 184400, 199451 |
PART LOT 004JJD

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Kuriwao</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/G46</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>301348</td>
</tr>
<tr>
<td>Altitude</td>
<td>638 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>49</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>695.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>700.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier | 38 dBW eirp |

ANTENNA POLARISATION

| Horizontal |

NOMINAL ANTENNA HEIGHT

| 52 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412
LOT 005JJE
PART LOT 005JJE

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Maungataniwha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/004</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>584703</td>
</tr>
<tr>
<td>Altitude</td>
<td>582 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>719.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>724.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Hikurangi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/P06</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>937288</td>
</tr>
<tr>
<td>Altitude</td>
<td>662 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>727.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>732.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier | 35 dBW eirp                  |

**ANTENNA POLARISATION**

| Vertical |

**NOMINAL ANTENNA HEIGHT**

| 61 m Above Mean Ground Level |

**RECEIVE COVERAGELOCATIONS**

NZMS 262-2 609647, 582644, 575633, 587625, 617633.
### LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Horokaka</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/Q07</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>131916</td>
</tr>
<tr>
<td>Altitude</td>
<td>516 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>54</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>735.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>740.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 38 dBW eirp |

### ANTENNA POLARISATION

| Horizontal |

### NOMINAL ANTENNA HEIGHT

| 49 m Above Mean Ground Level |

### RECEIVE COVERAGE LOCATIONS

| NZMS 262-2 635605, 631564, 603563, 577583, 597609 |

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 005JJE

LOCATION
Site Name : Parahaki
Map : NZMS260/Q07
Grid Reference : 315089
Altitude : 243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel : 52
Nominal Vision Carrier : 719.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 724.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : 27 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 17 m Above Mean Ground Level

RECEIVE COVERAGELOCATIONS
NZMS262-2  625613, 628606, 632615, 628612

SPECIAL CONDITIONS
(a) The maximum permitted interfering signal is 30 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.
PART LOT 005JJE

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Waiatarua</td>
<td>NZMS260/R11</td>
<td>501740</td>
<td>394 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Channel Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>51</td>
<td>6M253CF</td>
<td>716.75</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 59 dBW eirp |

ANTENNA POLARISATION

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
<th>Horizontal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

RECEIVE COVERAGE LOCATIONS

| NZMS262-3 665432, 688447, 690463, 680483, 663498 |

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The eirp shall be minimized within the sector 170° to 320° notwithstanding the conditions of the General Provisions.
LOCATION  Site Name : Te Aroha
            Map : NZMS260/T13
            Grid Reference : 525038
            Altitude : 944 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

    Channel : 52
    Nominal Vision Carrier : 719.25 MHz
    Class of Emission (Vision) : 6M253CF
    Associated Sound Carrier : 724.75 MHz
    Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

    Maximum eirp of peak vision carrier : 59 dBW eirp

ANTENNA POLARISATION

    Vertical

NOMINAL ANTENNA HEIGHT

    126 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

    NZMS 262-3 719437, 774411.
    NZMS 262-4 802380, 752355, 714353, 700391.
### LOCATION

<table>
<thead>
<tr>
<th>Location</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mt Edgecumbe</td>
<td>NZMS260/V16</td>
<td>378373</td>
<td>774 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>53</td>
<td>6M253CF</td>
<td>732.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

- Maximum eirp of peak vision carrier: 48 dBW eirp

### ANTENNA POLARISATION

- Vertical

### NOMINAL ANTENNA HEIGHT

- 61 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

NZMS 262-5 863353, 887346, 841361, 835340, 861333

### SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 005JJE

LOCATION
Site Name : Pukepoto
Map : NZMS260/U16
Grid Reference : 036357
Altitude : 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 51
Nominal Vision Carrier : 711.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 716.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 26 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 33 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Paeroa Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/U17</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>946084</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>997 m Above Mean Sea Level</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
<th>Horizontal</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
<th>22 m Above Mean Ground Level</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-4 775308, 786319, 804312, 802302.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
</tbody>
</table>
LOCATION
Site Name: Tuhiingamata
Map: NZMS260/U18
Grid Reference: 706728
Altitude: 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

| Channel | 51 |
| Nominal Vision Carrier | 711.25 MHz |
| Class of Emission (Vision) | 6M253CF |
| Associated Sound Carrier | 716.75 MHz |
| Class of Emission (Sound) | 750KF3EGN |

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 29 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 765275, 777277, 778269, 772256, 761251

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 20 dBµV/m measured with a horizontally polarized antenna or 40 dBµV/m measured with a vertically polarized antenna.
LOCATION

Site Name: Taumarunui
Map: NZMS260/S18
Grid Reference: 013553
Altitude: 518 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 54
Nominal Vision Carrier: 735.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 740.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 28 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 12 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION  Site Name : Whakapunake
Map       : NZMS260/X18
Grid Reference : 091532
Altitude   : 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 52
Nominal Vision Carrier : 719.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 724.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 55 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 940271, 950266, 939279.
NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Erin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/V22</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>391556</td>
</tr>
<tr>
<td>Altitude</td>
<td>489 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>727.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>732.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>75OKF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 51 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-7 846195, 847180, 849169, 820139, 833172.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name : Mt Egmont
Map : NZMS260/P20
Grid Reference : 035122
Altitude : 1467 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 53
Nominal Vision Carrier : 727.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 732.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION

: Horizontal

NOMINAL ANTENNA HEIGHT

: 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

: NZMS 262-6 603236, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**
- Site Name: Wharite
- Map: NZMS260/T23
- Grid Reference: 529017
- Altitude: 915 m Above Mean Sea Level

**FREQUENCY AND CLASS OF EMISSION**
- Channel: 54
- Nominal Vision Carrier: 735.25 MHz
- Class of Emission (Vision): 6M253CF
- Associated Sound Carrier: 740.75 MHz
- Class of Emission (Sound): 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**
- Maximum eirp of peak vision carrier: 57 dBW eirp

**ANTENNA POLARISATION**
- Vertical

**NOMINAL ANTENNA HEIGHT**
- 122 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**
- NZMS 262-6 683137, 713124, 730110
- NZMS 262-8 723079, 689050, 738057, 725079
- NZMS 262-7 774108
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Otahoua</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T26</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>417219</td>
</tr>
<tr>
<td>Altitude</td>
<td>350 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>727.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>732.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 49 dBW eirp |

ANTENNA POLARISATION

| Horizontal |

NOMINAL ANTENNA HEIGHT

| 52 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 005JJE

LOCATION
Site Name : Kaukau
Map : NZMS260/R27
Grid Reference : 590955
Altitude : 425 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 52
Nominal Vision Carrier : 719.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 724.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 54 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-8 686009, 670018, 658988, 661989, 668988.

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name : Grampians
Map : NZMS260/O27
Grid Reference : 334898
Altitude : 392 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 51
Nominal Vision Carrier : 711.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 716.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION

Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Wither Hills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/P28</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>921618</td>
</tr>
<tr>
<td>Altitude</td>
<td>229 m Above Mean Sea level</td>
</tr>
</tbody>
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### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>727.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>732.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 31 dBW eirp

### ANTEenna POLARISATION

Horizontal

### Nominal Antenna Height

12 m Above Mean Ground Level

### Receive Coverage Locations

NZMS 262-9 576967, 583962, 597978, 597963

### Special Conditions

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Mt Rochfort
Map: NZMS260/K29
Grid Reference: 053357
Altitude: 1041 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 51
Nominal Vision Carrier: 711.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 716.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 47 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Paparoa</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/K31</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>735656</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>823 m Above Mean</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision</td>
</tr>
<tr>
<td>carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
<th>Horizontal</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
<td>52 m Above Mean</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262 -10 365869, 362860, 357849, 343830, 331810</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
<tr>
<td>LOCATION</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision</td>
</tr>
<tr>
<td>carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>121 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-13 381660, 382709, 399742, 444768, 478768, 488743, 458706</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
</tbody>
</table>
PART LOT 005JJE

LOCATION

Site Name : Mt Mary
Map : NZMS260/I38
Grid Reference : 921707
Altitude : 991 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 52
Nominal Vision Carrier : 719.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 724.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 344830, 350817, 332810, 385847, 385830.

SPECIAL CONDITIONS

(a) The eirp of any emission on 114.3 MHz ±3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**  
Site Name: Mount Studholme  
Map: NZMS260/J40  
Grid Reference: 442164  
Altitude: 1080 m Above Mean Sea level

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>51</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>711.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>716.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 47 dBW eirp

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

61 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-13 382660, 361659.  
NZMS 262-15 369649, 360586, 350565.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**
- Site Name: Obelisk
- Map: NZMS260/G42
- Grid Reference: 126360
- Altitude: 1690 m Above Mean Sea Level

**FREQUENCY AND CLASS OF EMISSION**
- Channel: 51
- Nominal Vision Carrier: 711.25 MHz
- Class of Emission (Vision): 6M253CF
- Associated Sound Carrier: 716.75 MHz
- Class of Emission (Sound): 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**
- Maximum eirp of peak vision carrier: 44 dBW eirp
- Antenna Polarisation: Horizontal
- Nominal Antenna Height: 52 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**
- NZMS 262-15 222529, 221551, 263583, 256588.
- NZMS 262-14 211572.

**SPECIAL CONDITIONS**
- The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
### LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Little Mt Ida</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/H41</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>785793</td>
</tr>
<tr>
<td>Altitude</td>
<td>1174 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>54</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>735.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>740.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>46 dBW eirp</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTELLA POLARISATION</td>
<td>Vertical</td>
</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
<td>52 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

### RECEIVE COVERAGE LOCATIONS

NZMS 262-15 265578, 267539, 279545, 299560

### SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dB\(\mu\)V/m measured with a vertically polarized antenna or 50 dB\(\mu\)V/m measured with a horizontally polarized antenna.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Cargill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/I44</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>198853</td>
</tr>
<tr>
<td>Altitude</td>
<td>671 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>719.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>724.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>60 dBW eirp</th>
</tr>
</thead>
</table>

ANTENNA POLARISATION

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
<th>Horizontal</th>
</tr>
</thead>
<tbody>
<tr>
<td>105 m Above Mean Ground Level</td>
<td></td>
</tr>
</tbody>
</table>

RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

SPECIAL CONDITIONS

(a) The eirp of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 005JJE

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Hedgehope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/F45</td>
</tr>
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<td>Grid Reference</td>
<td>782485</td>
</tr>
<tr>
<td>Altitude</td>
<td>644 m Above Mean</td>
</tr>
</tbody>
</table>

Sea level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>54</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>735.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>740.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 54 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-16 118448, 126416, 152390, 156487
NZMS 262-17 184400, 199451
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Kuriwao</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/G46</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>301348</td>
<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>638 m Above Mean Sea level</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

| ANTENNA POLARISATION         | Horizontal |
| NOMINAL ANTENNA HEIGHT       | 52 m Above Mean Ground Level |

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412</td>
</tr>
</tbody>
</table>
LOT 006JJF
PART LOT 006JJF

LOCATION

  Site Name: Maungataniwha
  Map: NZMS260/004
  Grid Reference: 584703
  Altitude: 582 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

  Channel: 56
  Nominal Vision Carrier: 751.25 MHz
  Class of Emission (Vision): 6M253CF
  Associated Sound Carrier: 756.75 MHz
  Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

  Maximum eirp of peak vision carrier: 44 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-1 561657, 524670, 522700, 545703, 581680.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.
PART LOT 006JF

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>NZMS260/P06</td>
<td>937288</td>
<td>662 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>57</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>759.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>764.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>35 dBW eirp</th>
</tr>
</thead>
</table>

**ANTENNA POLARISATION**

| Vertical                        |

**NOMINAL ANTENNA HEIGHT**

| 61 m Above Mean Ground Level    |

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-2 609647, 582644, 575633, 587625, 617633.
LOCATION  
Site Name: Horokaka  
Map: NZMS260/Q07  
Grid Reference: 131916  
Altitude: 516 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 58  
Nominal Vision Carrier: 767.25 MHz  
Class of Emission (Vision): 6M253CF  
Associated Sound Carrier: 772.75 MHz  
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 38 dBW eirp

ANTENNA POLARISATION: Horizontal

Nominal Antenna Height: 49 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Parahaki</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/Q07</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>315089</td>
</tr>
<tr>
<td>Altitude</td>
<td>243 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>56</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>751.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>756.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>27 dBW eirp</th>
</tr>
</thead>
</table>

ANTENNA POLARISATION

<table>
<thead>
<tr>
<th>Horizontal</th>
</tr>
</thead>
</table>

NOMINAL ANTENNA HEIGHT

| 17 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

| NZMS262-2 625613, 628606, 632615, 628612 |

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.
PART LOT 006JJF

**LOCATION**
- Site Name: Waiatarua
- Map: NZMS260/R11
- Grid Reference: 501740
- Altitude: 394 m Above Mean Sea Level

**FREQUENCY AND CLASS OF EMISSION**
- Channel: 55
- Nominal Vision Carrier: 743.25 MHz
- Class of Emission (Vision): 6M253CF
- Associated Sound Carrier: 748.75 MHz
- Class of Emission (Sound): 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**
- Maximum eirp of peak vision carrier: 59 dBW eirp
- ANTENNA POLARISATION: Horizontal
- NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**
- NZMS262-3 665432, 688447, 690463, 680483, 663498

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The eirp shall be minimized within the sector 170° to 320° notwithstanding the conditions of the General Provisions.
PART LOT 006JJF

LOCATION
Site Name: Te Aroha
Map: NZMS260/T13
Grid Reference: 525038
Altitude: 944 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>751.25 MHz</td>
<td>6M253CF</td>
<td>756.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 59 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 126 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-3 719437, 774411.
NZMS 262-4 802380, 752355, 714353, 700391.
PART LOT 006JJF

LOCATION
Site Name : Mt Edgecumbe
Map : NZMS260/V16
Grid Reference : 378373
Altitude : 774 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>57</td>
<td>759.25 MHz</td>
<td>764.75 MHz</td>
<td>75OKF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 006JJF

LOCATION
Site Name: Pukepoto
Map: NZMS260/U16
Grid Reference: 036357
Altitude: 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 55
Nominal Vision Carrier: 743.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 748.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 26 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 33 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
LOCATION

Site Name: Paeroa Range
Map: NZMS260/U17
Grid Reference: 946084
Altitude: 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 58
Nominal Vision Carrier: 767.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 772.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 34 dBW eirp

ANTENNA POLARISATION: Horizontal

 NOMINAL ANTENNA HEIGHT: 22 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tuhiingamata</td>
<td>NZMS260/U18</td>
<td>706728</td>
<td>662 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>55</th>
<th>Nominal Vision Carrier</th>
<th>743.25 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
<td>Associated Sound Carrier</td>
<td>748.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 29 dBW eirp

**ANTENNA POLARISATION**

Horizontal

**NOMINAL ANTENNA HEIGHT**

61 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-4 765275, 777277, 778269, 772256, 761251

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 20 dBµV/m measured with a horizontally polarized antenna or 40 dBµV/m measured with a vertically polarized antenna.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Taumarunui</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/S18</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>013553</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>518 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-4 787323, 775308, 802303, 801294, 784297</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
</tbody>
</table>
LOCATION  Site Name : Whakapunake
Map            : NZMS260/X18
Grid Reference : 091532
Altitude       : 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel        : 56
Nominal Vision Carrier : 751.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 756.75 MHz
Class of Emission (Sound)  : 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 55 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 940271, 950266, 939279.
NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**  
Site Name: Mt Erin  
Map: NZMS260/V22  
Grid Reference: 391556  
Altitude: 489 m Above Mean Sea Level

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>57</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>759.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>764.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 51 dBW eirp

**ANTENNA POLARISATION**  
Vertical  

**RECEIVE ANTENNA HEIGHT**  
50 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**
NZMS 262-7 846195, 847180, 849169, 820139, 833172.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 006JF

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mt Egmont</td>
<td>NZMS260/P20</td>
<td>035122</td>
<td>1467 m Above Mean Sea Level</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>57</td>
<td>759.25 MHz</td>
<td>6M253CF</td>
<td>764.75 MHz</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 48 dBW eirp |

ANTENNA POLARISATION

| Horizontal |

NOMINAL ANTENNA HEIGHT

| 43 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

| NZMS 262-6 603236, 622206, 636160, 613179, 631244 |

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Wharite</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/T23</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>529017</td>
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<td></td>
<td>Altitude</td>
<td>915 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-6 683137, 713124, 730110</td>
</tr>
<tr>
<td>NZMS 262-8 723079, 689050, 738057, 725079</td>
</tr>
<tr>
<td>NZMS 262-7 774108</td>
</tr>
</tbody>
</table>


LOCATION

Site Name: Otahoua
Map: NZMS260/T26
Grid Reference: 417219
Altitude: 350 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 57
Nominal Vision Carrier: 759.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 764.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 49 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-8 735038, 739025, 717996, 705007, 717018.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Kaukau</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/R27</td>
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<tr>
<td></td>
<td>Grid Reference</td>
<td>590955</td>
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<tr>
<td></td>
<td>Altitude</td>
<td>425 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-8 686009, 670018, 658988, 661989, 668988</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
<tr>
<td>(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
</tbody>
</table>
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Grampians</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/O27</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>334898</td>
</tr>
<tr>
<td>Altitude</td>
<td>392 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>55</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>743.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>748.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>44 dBW eirp</th>
</tr>
</thead>
</table>

**ANTENNA POLARISATION**

<table>
<thead>
<tr>
<th>Horizontal</th>
</tr>
</thead>
</table>

**NOMINAL ANTENNA HEIGHT**

<table>
<thead>
<tr>
<th>61 m Above Mean Ground Level</th>
</tr>
</thead>
</table>

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-9 537997, 530991, 517982, 503013, 526985

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
## Location

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Wither Hills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/P28</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>921618</td>
</tr>
<tr>
<td>Altitude</td>
<td>229 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

## Frequency and Class of Emission

<table>
<thead>
<tr>
<th>Channel</th>
<th>57</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>759.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>764.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

## Maximum Power of Emissions

Maximum eirp of peak vision carrier: 31 dBW eirp

## Antenna Polarisation

Horizontal

## Nominal Antenna Height

12 m Above Mean Ground Level

## Receive Coverage Locations

NZMS 262-9 576967, 583962, 597978, 597963

## Special Conditions

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 006JJF

LOCATION
Site Name: Mt Rochfort
Map: NZMS260/K29
Grid Reference: 053357
Altitude: 1041 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 55
Nominal Vision Carrier: 743.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 748.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 47 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 006JJF

LOCATION

Site Name : Paparoa
Map : NZMS260/K31
Grid Reference : 735656
Altitude : 823 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 56
Nominal Vision Carrier : 751.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 756.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 49 dBW eirp

ANTENNA POLARISATION : Horizontal

Nominal Antenna Height : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-10 365869, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±3 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sugarloaf</td>
<td>NZMS260/M36</td>
<td>817337</td>
<td>494 m Above Mean Sea level</td>
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</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>58</td>
<td>767.25 MHz</td>
<td>6M253CF</td>
<td>772.75 MHz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

- Maximum eirp of peak vision carrier: 64 dBW eirp

**ANTENNA POLARISATION**

- Horizontal

**NOMINAL ANTENNA HEIGHT**

- 121 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

- NZMS 262-13 381660, 382709, 399742, 444768, 478768, 488743, 458706

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 006JJF

**LOCATION**
- **Site Name**: Mt Mary
- **Map**: NZMS260/I38
- **Grid Reference**: 921707
- **Altitude**: 991 m Above Mean Sea level

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>56</td>
<td>751.25 MHz</td>
<td>6M253CF</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

- Maximum eirp of peak vision carrier: 48 dBW eirp

**ANTENNA POLARISATION**
- Horizontal

**NOMINAL ANTENNA HEIGHT**
- 43 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**
- NZMS 262-10 344830, 350817, 332810, 385847, 385830.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 114.3 MHz ±3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Mount Studholme
Map: NZMS260/140
Grid Reference: 440264
Altitude: 1080 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>743.25 MHz</td>
<td>6M253CF</td>
<td>748.75 MHz</td>
<td>750KF3EGRN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 47 dBW eirp

ANTENNA POLARISATION: Vertical

Nominal Antenna Height: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 382660, 361659.
NZMS 262-15 369649, 360586, 350565.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Obelisk</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/G42</td>
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<tr>
<td>Grid Reference</td>
<td>126360</td>
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<tr>
<td>Altitude</td>
<td>1690 m Above Mean</td>
</tr>
<tr>
<td></td>
<td>Sea level</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>55</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>743.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>748.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 44 dBW eirp

**ANTENNA POLARISATION**

Horizontal

**NOMINAL ANTENNA HEIGHT**

52 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-15 222529, 221551, 263583, 256588.
NZMS 262-14 211572.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 006JJF

LOCATION
Site Name: Little Mt Ida
Map: NZMS260/H41
Grid Reference: 785793
Altitude: 1174 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 58
Nominal Vision Carrier: 767.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 772.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 46 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS
(a) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
### LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Cargill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/I44</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>198853</td>
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<tr>
<td>Altitude</td>
<td>671 m Above Mean Sea level</td>
</tr>
</tbody>
</table>

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>56</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>751.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>756.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 60 dBW eirp

### ANTENNA POLARISATION

Horizontal

### NOMINAL ANTENNA HEIGHT

105 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

NZMS 262-17 323497, 332486, 317474, 284469, 292481.

### SPECIAL CONDITIONS

(a) The eirp of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION  
Site Name  :  Hedgehope
Map  :  NZMS260/F45
Grid Reference  :  782485
Altitude  :  644 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel  :  58
Nominal Vision Carrier  :  767.25 MHz
Class of Emission (Vision)  :  6M253CF
Associated Sound Carrier  :  772.75 MHz
Class of Emission (Sound)  :  750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier  :  54 dBW eirp

ANTENNA POLARISATION  :  Vertical

NOMINAL ANTENNA HEIGHT  :  115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-16  118448, 126416, 152390, 156487
NZMS 262-17  184400, 199451
**PART LOT 006JJF**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Kuriwao</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/G46</td>
<td></td>
</tr>
<tr>
<td>Grid Reference</td>
<td>301348</td>
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<tr>
<td>Altitude</td>
<td>638 m Above Mean Sea level</td>
<td></td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>759.25 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
<td></td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>764.75 MHz</td>
<td></td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>38 dBW eirp</th>
</tr>
</thead>
</table>

**ANTENNA POLARISATION**

<table>
<thead>
<tr>
<th>Horizontal</th>
</tr>
</thead>
</table>

**NOMINAL ANTENNA HEIGHT**

<table>
<thead>
<tr>
<th>52 m Above Mean Ground Level</th>
</tr>
</thead>
</table>

**RECEIVE COVERAGE LOCATIONS**

<table>
<thead>
<tr>
<th>NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412</th>
</tr>
</thead>
</table>
LOT 007JJG
PART LOT 007JJG

LOCATION
Site Name: Maungataniwha
Map: NZMS260/004
Grid Reference: 584703
Altitude: 582 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel: 60
Nominal Vision Carrier: 783.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 788.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 44 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-1 561657, 524670, 522700, 545703, 581680.

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp shall not exceed 36 dBW in the arc 120°TN to 145°TN.
PART LOT 007JJG

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Hikurangi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/P06</td>
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<tr>
<td></td>
<td>Grid Reference</td>
<td>937288</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>662 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
<tr>
<td>ANTENNA POLARISATION</td>
</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
</tr>
<tr>
<td>RECEIVE COVERAGE LOCATIONS</td>
</tr>
<tr>
<td>NZMS 262-2 609647, 582644, 575633, 587625, 617633.</td>
</tr>
</tbody>
</table>
PART LOT 007JJG

LOCATION
Site Name: Horokaka
Map: NZMS260/Q07
Grid Reference: 131916
Altitude: 516 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>62</td>
<td>6M253CF</td>
<td>804.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 38 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 49 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-2 635605, 631564, 603563, 577583, 597609

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Parahaki
Map: NZMS260/Q07
Grid Reference: 315089
Altitude: 243 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 60
Nominal Vision Carrier: 783.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 788.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 27 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 17 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS262-2 625613, 628606, 632615, 628612

SPECIAL CONDITIONS

(a) The maximum permitted interfering signal is 30 dBuV/m measured with a horizontally polarized antenna or 50 dBuV/m measured with a vertically polarized antenna.
LOCATION
Site Name: Waiaatarua
Map: NZMS260/R11
Grid Reference: 501740
Altitude: 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>775.25 MHz</td>
<td>6M253CF</td>
<td>780.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 59 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS262-3 665432, 688447, 690463, 680483, 663498

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The eirp shall be minimized within the sector 170° to 320° notwithstanding the conditions of the General Provisions.
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Te Aroha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T13</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>525038</td>
</tr>
<tr>
<td>Altitude</td>
<td>944 m Above Mean Sea Level</td>
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</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>783.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>788.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>59 dBW eirp</th>
</tr>
</thead>
</table>

**ANTENNA POLARISATION**

| Vertical |

**NOMINAL ANTENNA HEIGHT**

| 126 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

NYMS 262-3 719437, 774411.
NYMS 262-4 802380, 752355, 714353, 700391.
PART LOT 007JJG

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Mt Edgecumbe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/V16</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>378373</td>
</tr>
<tr>
<td>Altitude</td>
<td>774 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>61</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>791.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>796.75 MHz</td>
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<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
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</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>48 dBW eirp</th>
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</thead>
</table>

ANTENNA POLARISATION

<table>
<thead>
<tr>
<th>Vertical</th>
</tr>
</thead>
</table>

NOMINAL ANTENNA HEIGHT

<table>
<thead>
<tr>
<th>61 m Above Mean Ground Level</th>
</tr>
</thead>
</table>

RECEIVE COVERAGE LOCATIONS

NZMS 262-5 863353, 887346, 841361, 835340, 861333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Pukepoto
Map: NZMS260/U16
Grid Reference: 036357
Altitude: 564 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>59</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>775.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>780.75 MHz</td>
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<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 26 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 33 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 790336, 793347, 802345, 796348, 794333

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 24 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 30 dBUV/m measured with a vertically polarized antenna or 50 dBUV/m measured with a horizontally polarized antenna.
PART LOT 007JJG

LOCATION

Site Name : Paeroa Range
Map : NZMS260/U17
Grid Reference : 946084
Altitude : 997 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 62
Nominal Vision Carrier : 799.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 804.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 34 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 22 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 775308, 786319, 804312, 802302.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 007JG

LOCATION

Site Name : Tuhingamata
Map : NZMS260/U18
Grid Reference : 706728
Altitude : 662 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 59
Nominal Vision Carrier : 775.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 780.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 29 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 765275, 777277, 778269, 772256, 761251

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum permitted interfering signal is 20 dBμV/m measured with a horizontally polarized antenna or 40 dBμV/m measured with a vertically polarized antenna.
PART LOT 007JJG

LOCATION

Site Name: Taumarunui
Map: NZMS260/S18
Grid Reference: 013553
Altitude: 518 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 62
Nominal Vision Carrier: 799.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 804.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 28 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 12 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 787323, 775308, 802303, 801294, 784297

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 1 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION  
Site Name : Whakapunake  
Map : NZMS260/X18  
Grid Reference : 091532  
Altitude : 914 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 60  
Nominal Vision Carrier : 783.25 MHz  
Class of Emission (Vision) : 6M253CF  
Associated Sound Carrier : 788.75 MHz  
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 48 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 55 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-5 940271, 950266, 939279.  
NZMS 262-7 932224, 893232, 892239.

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
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<thead>
<tr>
<th>LOCATION</th>
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<tbody>
<tr>
<td>Map</td>
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<tr>
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<thead>
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<th>FREQUENCY AND CLASS OF EMISSION</th>
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<tr>
<td>Channel</td>
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<tr>
<td>Nominal Vision Carrier</td>
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<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
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<th>MAXIMUM POWER OF EMISSIONS</th>
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<tr>
<td>Maximum eirp of peak vision carrier</td>
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<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
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<td>Vertical</td>
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<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
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<td>NZMS 262-7 846195, 847180, 849169, 820139, 833172.</td>
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<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
</tbody>
</table>
LOCATION

Site Name: Mt Egmont
Map: NZMS260/P20
Grid Reference: 035122
Altitude: 1467 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 61
Nominal Vision Carrier: 791.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 796.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 48 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 43 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-6 603235, 622206, 636160, 613179, 631244

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Wharite</th>
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<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T23</td>
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<tr>
<td>Grid Reference</td>
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<tr>
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FREQUENCY AND CLASS OF EMISSION

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<th>Channel</th>
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<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>799.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>804.75 MHz</td>
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<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier | 57 dBW eirp

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

| NZMS 262-6 | 683137, 713124, 730110 |
| NZMS 262-8 | 723079, 689050, 738057, 725079 |
| NZMS 262-7 | 774108 |
### Location Information

<table>
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<td>Otahoua</td>
<td>NZMS260/T26</td>
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### Frequency and Class of Emission

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<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
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<tbody>
<tr>
<td></td>
<td>61</td>
<td>791.25 MHz</td>
<td>6M253CF</td>
<td>796.75 MHz</td>
</tr>
</tbody>
</table>

### Maximum Power of Emissions

- Maximum eirp of peak vision carrier: 49 dBW eirp

### Antenna Polarisation

- Horizontal

### Nominal Antenna Height

- 52 m Above Mean Ground Level

### Receive Coverage Locations

- NZMS 262-8 735038, 739025, 717996, 705007, 717018.

### Special Conditions

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 3 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 007JJG

LOCATION

Site Name : Kaukau
Map : NZMS260/R27
Grid Reference : 590955
Altitude : 425 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 60
Nominal Vision Carrier : 783.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 788.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 54 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-8 686009, 670018, 658988, 661989, 668988.

SPECIAL CONDITIONS

(a) The eirp of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 007JJS

LOCATION
Site Name : Grampians
Map : NZMS260/027
Grid Reference : 334898
Altitude : 392 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel : 59
Nominal Vision Carrier : 775.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 780.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : 44 dBW eirp

ANTENNA POLARISATION
Horizontal

NOMINAL ANTENNA HEIGHT
61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-9 537997, 530991, 517982, 508013, 526985

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 21 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name : Wither Hills
Map : NZMS260/P28
Grid Reference : 921618
Altitude : 229 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 61
Nominal Vision Carrier : 791.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 796.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 31 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 12 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-9 576967, 583962, 597978, 597963

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 14 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) Adequate protection may not be given to input signals of television translators operating in the VHF band.
LOCATION

Site Name : Mt Rochfort
Map : NZMS260/K29
Grid Reference : 053357
Altitude : 1041 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 59
Nominal Vision Carrier : 775.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 780.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 47 dBW eirp

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-10 381921, 383938, 393940, 410947, 394937

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Paparoa
Map: NZMS260/K31
Grid Reference: 735656
Altitude: 823 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 60
Nominal Vision Carrier: 783.25 MHz
Class of Emission (Vision): 0M253CF
Associated Sound Carrier: 788.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 49 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262 -10 365369, 362860, 357849, 343830, 331810

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ± 8 kHz shall be attenuated by 15 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
PART LOT 007JJG

LOCATION
Site Name: Sugarloaf
Map: NZMS260/M36
Grid Reference: 817337
Altitude: 494 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 62
Nominal Vision Carrier: 799.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 804.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 64 dBW eirp

ANTENNA POLARISATION
Horizontal

NOMINAL ANTENNA HEIGHT
121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 381660, 382709, 399742, 444768, 478768, 488743, 458706

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
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<th>Altitude</th>
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<tbody>
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<td>Mt Mary</td>
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<td>921707</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
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<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
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<tbody>
<tr>
<td></td>
<td>60</td>
<td>753.25 MHz</td>
<td>6M253CF</td>
<td>788.75 MHz</td>
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</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: 48 dBW eirp

**ANTENNA POLARISATION**

Horizontal

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-10 344830, 350817, 332810, 385847, 385830.

**SPECIAL CONDITIONS**

(a) The eirp of any emission on 114.3 MHz ±3 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION
Site Name: Mount Studholme
Map: NZMS260/J40
Grid Reference: 442164
Altitude: 1080 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION
Channel: 59
Nominal Vision Carrier: 775.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 780.75 MHz
Class of Emission (Sound): 75CKF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier: 47 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 382660, 361659,
NZMS 262-15 369649, 360596, 350565.

SPECIAL CONDITIONS
(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

<table>
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<tr>
<th>Site Name</th>
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FREQUENCY AND CLASS OF EMISSION

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<td>Class of Emission (Vision)</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>780.75 MHz</td>
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<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

| Maximum eirp of peak vision carrier | 44 dBW eirp |

ANTENNA POLARISATION

| Horizontal            |

NOMINAL ANTENNA HEIGHT

| 52 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

| NZMS 262-15 222529, 221551, 263583, 256588. |
| NZMS 262-14 211572. |

SPECIAL CONDITIONS

(a) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
LOCATION

Site Name: Little Mt Ida
Map: NZMS260/H41
Grid Reference: 785793
Altitude: 1174 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 62
Nominal Vision Carrier: 799.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 804.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 46 dBW eirp

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-15 265578, 267539, 279545, 299560

SPECIAL CONDITIONS
(a) The maximum permitted interfering signal is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
LOCATION

Site Name: Mt Cargill
Map: NZMS260/I44
Grid Reference: 198853
Altitude: 671 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel: 60
Nominal Vision Carrier: 783.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 788.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: 60 dBW eirp

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-17 323497, 332486, 317474, 284469, 292481.

SPECIAL CONDITIONS

(a) The eirp of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The eirp of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.
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<th>LOCATION</th>
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<tbody>
<tr>
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<tr>
<td>Class of Emission (Vision)</td>
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<tr>
<td>Associated Sound Carrier</td>
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<td>Class of Emission (Sound)</td>
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<table>
<thead>
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<tr>
<td>Maximum eirp of peak vision carrier</td>
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<td>NZMS 262-16 118448, 126416, 152390, 156487</td>
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<tr>
<td>NZMS 262-17 184400, 199451</td>
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</tbody>
</table>
PART LOT 007JJG

LOCATION
Site Name : Kuriwao
Map : NZMS260/G46
Grid Reference : 301348
Altitude : 638 m Above Mean Sea level

FREQUENCY AND CLASS OF EMISSION

Channel : 61
Nominal Vision Carrier : 791.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 796.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : 38 dBW eirp

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 52 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-17 194452, 219449, 229439, 259438, 266426, 253412
LOT 008JJH
TO
LOT 070JGJ
LOT 008JJH

LOCATION
Site Name: Waiatarua
Map: NZMS260/R11
Grid Reference: 501740
Altitude: 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 29
Nominal Vision Carrier: 535.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 540.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (d)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-3 667500, 677482, 685458.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The maximum interfering signal shall be 23 dBµV/m measured with a horizontally polarized antenna or 43 dBµV/m measured with a vertically polarized antenna.

(d) The effective isotropic radiated power shall:
(1) not exceed 45 dBW over sector 30° to 110°
(2) be less than 20 dBW over sector 110° through TN to 30°
LOT 009JJ1

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>NZMS260/R11</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>501740</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>394 m Above Mean Sea Level</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>33</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>567.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>572.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>Special condition (d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA POLARISATION</td>
<td>Horizontal</td>
</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
<td>122 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

RECEIVE COVERAGELOCATIONS

| NZMS 262-3 667500, 677482, 685458. |

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The maximum interfering signal shall be 23 dBμV/m measured with a horizontally polarized antenna or 43 dBμV/m measured with a vertically polarized antenna.

(d) The effective isotropic radiated power shall:
   (1) not exceed 45 dBW over sector 30° to 110°
   (2) be less than 20 dBW over sector 110° through TN to 30°
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Waiatarua</td>
<td>NZMS260/R11</td>
<td>501740</td>
<td>394 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

- **Channel**: 45
- **Nominal Vision Carrier**: 663.25 MHz
- **Class of Emission (Vision)**: 6M253CF
- **Associated Sound Carrier**: 668.75 MHz
- **Class of Emission (Sound)**: 750KF3EGN

**MAXIMUM POWER OF EMISSIONS**

- **Maximum eirp of peak vision carrier**: Special condition (d)

**ANTENNA POLARISATION**

- **Horizontal**

**NOMINAL ANTENNA HEIGHT**

- **122 m Above Mean Ground Level**

**RECEIVE COVERAGE LOCATIONS**

- NZMS 262-3 667500, 677482, 685458.

**SPECIAL CONDITIONS**

(a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The maximum interfering signal shall be 23 dBμV/m measured with a horizontally polarized antenna or 43 dBμV/m measured with a vertically polarized antenna.

(d) The effective isotropic radiated power shall:
   (1) not exceed 45 dBW over sector 30° to 110°
   (2) be less than 20 dBW over sector 110° through TN to 30°
LOT 011JAA

LOCATION

Site Name: Waipatarua
Map: NZMS260/R11
Grid Reference: 501740
Altitude: 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 49
Nominal Vision Carrier: 695.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 700.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (d)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS: NZMS 262-3 667500, 677482, 685458.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The maximum interfering signal shall be 23 dBμV/m measured with a horizontally polarized antenna or 43 dBμV/m measured with a vertically polarized antenna.

(d) The effective isotropic radiated power shall:

(1) not exceed 45 dBW over sector 30° to 110°
(2) be less than 20 dBW over sector 110° through TN to 30°
LOT 012JAB

LOCATION

Site Name: Waiatarua
Map: NZMS260/R11
Grid Reference: 501740
Altitude: 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 53
Nominal Vision Carrier: 727.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 732.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (d)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS: NZMS 262-3 667500, 677482, 685458.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The maximum interfering signal shall be 23 dBµV/m measured with a horizontally polarized antenna or 43 dBµV/m measured with a vertically polarized antenna.

(d) The effective isotropic radiated power shall:
   (1) not exceed 45 dBW over sector 30° to 110°
   (2) be less than 20 dBW over sector 110° through TN to 30°
LOCATION

Site Name: Waiatarua
Map: NZMS260/R11
Grid Reference: 501740
Altitude: 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 57
Nominal Vision Carrier: 759.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 764.75 MHz
Class of Emission (Sound): 750KFJEGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (d)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:

NZMS 262-3 667500, 677482, 685458.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The maximum interfering signal shall be 23 dBµV/m measured with a horizontally polarized antenna or 43 dBµV/m measured with a vertically polarized antenna.

(d) The effective isotropic radiated power shall:
(1) not exceed 45 dBW over sector 30° to 110°
(2) be less than 20 dBW over sector 110° through TN to 30°
LOT 014JAD

LOCATION
Site Name : Waiatarua
Map : NZMS260/R11
Grid Reference : 501740
Altitude : 394 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 61
Nominal Vision Carrier : 791.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 796.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (d)

ANTENNA POLARISATION
: Horizontal

NOMINAL ANTENNA HEIGHT
: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
: NZMS 262-3 667500, 677482, 685458.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±10 kHz shall be attenuated by 2 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 30 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The maximum interfering signal shall be 23 dBμV/m measured with a horizontally polarized antenna or 43 dBμV/m measured with a vertically polarized antenna.

(d) The effective isotropic radiated power shall:
(1) not exceed 45 dBW over sector 30° to 110°
(2) be less than 20 dBW over sector 110° through TN to 30°
LOT 015JAE

LOCATION
Site Name : Ruru
Map : NZMS260/T14
Grid Reference : 357760
Altitude : 482 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 30
Nominal Vision Carrier : 543.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 548.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special Condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-4 705378, 709384, 711370, 718378.

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 42 dBW over sector 250° to 290°
(2) be less than 20 dBW over sector 290° through TN to 250°

(b) The maximum interfering signal level shall be 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
LOT 016JAF

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Ruru</th>
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<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T14</td>
</tr>
<tr>
<td>Grid Reference</td>
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<td>Altitude</td>
<td>482 m Above Mean Sea Level</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
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<tr>
<th>Channel</th>
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</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>580.75 MHz</td>
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<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
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</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier

Special Condition (a)

ANTENNA POLARISATION

Vertical

NOMINAL ANTENNA HEIGHT

50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

NZMS 262-4 705378, 709384, 711370, 718378.

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
1. not exceed 42 dBW over sector 250° to 290°
2. be less than 20 dBW over sector 290° through TN to 250°

(b) The maximum interfering signal level shall be 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
**LOT 017JAG**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name : Ruru</th>
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</thead>
<tbody>
<tr>
<td>Map      : NZMS260/T14</td>
<td></td>
</tr>
<tr>
<td>Grid Reference : 357760</td>
<td></td>
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<tr>
<td>Altitude : 482 m Above Mean Sea Level</td>
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</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier : 671.25 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Emission (Vision) : 6M253CF</td>
<td></td>
</tr>
<tr>
<td>Associated Sound Carrier : 676.75 MHz</td>
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</tr>
<tr>
<td>Class of Emission (Sound) : 750KFJEGN</td>
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</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

| Maximum eirp of peak vision carrier : Special Condition (a) |
|---------------------------------------|------------------|
| ANTENNA POLARISATION : Vertical |
| NOMINAL ANTENNA HEIGHT : 50 m Above Mean Ground Level |

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-4 705378, 709384, 711370, 718378.

**SPECIAL CONDITIONS**

(a) The effective isotropic radiated power shall:

1. not exceed 42 dBW over sector 250° to 290°
2. be less than 20 dBW over sector 290° through TN to 250°

(b) The maximum interfering signal level shall be 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 018JAH

LOCATION
Site Name: Ruru
Map: NZMS260/T14
Grid Reference: 357760
Altitude: 482 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 50
Nominal Vision Carrier: 703.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 708.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special Condition (a)

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-4 705378, 709384, 711370, 718378.

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
   (1) not exceed 42 dBW over sector 250° to 290°
   (2) be less than 20 dBW over sector 290° through TN to 250°

(b) The maximum interfering signal level shall be 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 019JAI

LOCATION

Site Name : Kopukairua
Map : NZMS260/U14
Grid Reference : 956806
Altitude : 260 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 54
Nominal Vision Carrier : 735.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 740.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special Condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 40 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-4 792387, 784388, 787380.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz attenuated by 40 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over sector 270° to TN
(2) shall be less than 20 dBW over sector TN to 270°

(c) The maximum interfering signal level is 24 dBμV/m measured with a vertically polarized antenna or 44 dBμV/m measured with a horizontally polarized antenna.
LOCATION

| Site Name   | Kopukairua |
| Map        | NZMS260/U14 |
| Grid Reference | 956806 |
| Altitude   | 260 m Above Mean Sea Level |

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
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<tr>
<td>Class of Emission (Vision)</td>
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<td>Associated Sound Carrier</td>
<td>772.75 MHz</td>
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<td>Class of Emission (Sound)</td>
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</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special Condition (b)

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 40 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-4 792387, 784388, 787380.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz attenuated by 40 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over sector 270° to TN
(2) shall be less than 20 dBW over sector TN to 270°

(c) The maximum interfering signal level is 24 dBµV/m measured with a vertically polarized antenna or 44 dBµV/m measured with a horizontally polarized antenna.
LOT 021JBA

LOCATION
Site Name: Kopukairua
Map: NZMS260/U14
Grid Reference: 956806
Altitude: 260 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 62
Nominal Vision Carrier: 799.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 804.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special Condition (b)

ANTENNA POLARISATION
Vertical

NOMINAL ANTENNA HEIGHT: 40 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-4 792387, 784388, 787380

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz attenuated by 40 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
1) not exceed 32 dBW over sector 270° to TN
2) shall be less than 20 dBW over sector TN to 270°

(c) The maximum interfering signal level is 24 dBμV/m measured with a vertically polarized antenna or 44 dBμV/m measured with a horizontally polarized antenna.
### LOT 022JBB

**LOCATION**
- Site Name: Mt Erin
- Map: NZMS260/V22
- Grid Reference: 391556
- Altitude: 489 m Above Mean Sea Level

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>27</td>
<td>519.25 MHz</td>
<td>6M253CF</td>
<td>750KF3EGN</td>
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### MAXIMUM POWER OF EMISSIONS

- Maximum eirp of peak vision carrier: Special condition (b)

### ANTENNA POLARISATION

- Vertical

### NOMINAL ANTENNA HEIGHT

- 50 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

- NZMS 262-7 834170, 845164, 845184, 840177.

### SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
- (1) not exceed 38 dBW over sector 340° through TN to 10°
- (2) be less than 20 dBW over sector 10° to 340°
LOT 023JBC

<table>
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<tr>
<th>LOCATION</th>
<th>Site Name</th>
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<tbody>
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<td>Map</td>
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<tr>
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<td>Altitude</td>
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**FREQUENCY AND CLASS OF EMISSION**

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<tr>
<th>Channel</th>
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<tbody>
<tr>
<td></td>
<td>Class of Emission (Vision)</td>
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<tr>
<td></td>
<td>Associated Sound Carrier</td>
<td>6M253CF</td>
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<td></td>
<td>Class of Emission (Sound)</td>
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<td>750KF3EGN</td>
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</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>Special condition (b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA POLARISATION</td>
<td>Vertical</td>
</tr>
<tr>
<td>NOMINAL ANTENNA HEIGHT</td>
<td>50 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-7 834170, 845164, 845184, 840177.

**SPECIAL CONDITIONS**

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:

(1) not exceed 38 dBW over sector 340° through TN to 10°

(2) be less than 20 dBW over sector 10° to 340°
LOT 024JBD

LOCATION
Site Name: Mt Erin
Map: NZMS260/V22
Grid Reference: 391556
Altitude: 489 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 43
Nominal Vision Carrier: 647.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 652.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (b)

ANTENNA POLARISATION
Vertical

NOMINAL ANTENNA HEIGHT
50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-7 834170, 845164, 845184, 840177.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 340° through TN to 10°
(2) be less than 20 dBW over sector 10° to 340°
LOT 025JBE

LOCATION

Site Name : Mt Erin
Map : NZMS260/V22
Grid Reference : 391556
Altitude : 489 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 47
Nominal Vision Carrier : 679.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 684.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-7 834170, 845164, 845184, 840177.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 340° through TN to 10°
(2) be less than 20 dBW over sector 10° to 340°
LOT 026JBF

LOCATION

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<tr>
<th>Site Name</th>
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<tr>
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<td>Altitude</td>
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FREQUENCY AND CLASS OF EMISSION

<table>
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<td>Nominal Vision Carrier</td>
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<td>Class of Emission (Vision)</td>
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<td>Associated Sound Carrier</td>
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<tr>
<td>Class of Emission (Sound)</td>
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</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (b)

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 50 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS: NZMS 262-7 834170, 845164, 845184, 840177.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 340° through TN to 10°
(2) be less than 20 dBW over sector 10° to 340°
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Mt Erin</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/V22</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>391556</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>489 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>55</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>743.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>748.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>Special condition (b)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANTENNA POLARISATION</strong></td>
<td>Vertical</td>
</tr>
<tr>
<td><strong>NOMINAL ANTENNA HEIGHT</strong></td>
<td>50 m Above Mean Ground Level</td>
</tr>
</tbody>
</table>

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-7 834170, 845164, 845184, 840177.

**SPECIAL CONDITIONS**

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:

(1) not exceed 38 dBW over sector 340° through TN to 10°

(2) be less than 20 dBW over sector 10° to 340°
Lot 028JBH

Location

Site Name: Mt Erin
Map: NZMS260/V22
Grid Reference: 391556
Altitude: 489 m Above Mean Sea Level

Frequency and Class of Emission

Channel: 59
Nominal Vision Carrier: 775.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 780.75 MHz
Class of Emission (Sound): 750KF3EGN

Maximum Power of Emissions

Maximum eirp of peak vision carrier: Special condition (b)

Antenna Polarisation: Vertical

Nominal Antenna Height: 50 m Above Mean Ground Level

Receive Coverage Locations:
NZMS 262-7 834170, 845164, 845184, 840177.

Special Conditions

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 12 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 340° through TN to 10°
(2) be less than 20 dBW over sector 10° to 340°
LOT 029JBI

LOCATION
Site Name : Wharite
Map : NZMS260/T23
Grid Reference : 529017
Altitude : 915 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel : 28
Nominal Vision Carrier : 527.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 532.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-8 733095, 726088, 733087.

SPECIAL CONDITIONS
(a) The effective isotropic radiated power shall:
(1) not exceed 35 dBW over sector 240° to 300°
(2) be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 030JJC

LOCATION

Site Name: Wharite
Map: NZMS260/T23
Grid Reference: 529017
Altitude: 915 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 32
Nominal Vision Carrier: 559.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 564.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (a)

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-8 733095, 726088, 733087.

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 35 dBW over sector 240° to 300°
(2) be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dB\(\mu\)V/m measured with a vertically polarized antenna or 50 dB\(\mu\)V/m measured with a horizontally polarized antenna.
### LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Wharite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T23</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>529017</td>
</tr>
<tr>
<td>Altitude</td>
<td>915 m Above Mean Sea Level</td>
</tr>
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</table>

### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>44</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>655.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>660.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

### MAXIMUM POWER OF EMISSIONS

**Maximum eirp of peak vision carrier**: Special condition (a)

**ANTENNA POLARISATION**: Vertical

**NOMINAL ANTENNA HEIGHT**: 122 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

NZMS 262-8 733095, 726088, 733087.

### SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:

(1) not exceed 35 dBW over sector 240° to 300°
(2) be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dBµV/m measured with a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
LOT 032JCB

LOCATION

Site Name : Wharite
Map : NZMS260/T23
Grid Reference : 529017
Altitude : 915 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 48
Nominal Vision Carrier : 687.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 692.75 MHz
Class of Emission (Sound) : 750KP3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-8 733095, 726088, 733087.

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 35 dBW over sector 240° to 300°
(2) be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 033JCC

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Wharite</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Map</td>
<td>NZMS260/T23</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>529017</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>915 m Above Mean Sea Level</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>719.25 MHz</th>
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</thead>
<tbody>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
<td></td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>724.75 MHz</td>
<td></td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
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</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: Special condition (a)

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

122 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-8 733095, 726088, 733087.

**SPECIAL CONDITIONS**

(a) The effective isotropic radiated power shall:
   (1) not exceed 35 dBW over sector 240° to 300°
   (2) be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
**LOT 034JCD**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name: Wharite</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/T23</td>
</tr>
<tr>
<td>Grid Reference</td>
<td>529017</td>
</tr>
<tr>
<td>Altitude</td>
<td>915 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>56</td>
<td>751.25 MHz</td>
<td>6M253CF</td>
<td>756.75 MHz</td>
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</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: Special condition (a)

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

122 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-8 733095, 726088, 733087.

**SPECIAL CONDITIONS**

(a) The effective isotropic radiated power shall:
   (1) not exceed 35 dBW over sector 240° to 300°
   (2) be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
**LOCATION**

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Wharite</th>
</tr>
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<tbody>
<tr>
<td>Map</td>
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<td>Grid Reference</td>
<td>529017</td>
</tr>
<tr>
<td>Altitude</td>
<td>915 m Above Mean Sea Level</td>
</tr>
</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

| Channel | 60 |
| Nominal Vision Carrier | 783.25 MHz |
| Class of Emission (Vision) | 6M253CF |
| Associated Sound Carrier | 788.75 MHz |
| Class of Emission (Sound) | 750KF3EGN |

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: Special condition (a)

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

122 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-8 733095, 726088, 733087.

**SPECIAL CONDITIONS**

(a) The effective isotropic radiated power shall:

1. not exceed 35 dBW over sector 240° to 300°
2. be less than 20 dBW over sector 300° through TN to 240°

(b) The maximum interfering signal level is 30 dBμV/m measured with a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOCATION

Site Name: Kaukau
Map: NZMS260/R27
Grid Reference: 590955
Altitude: 425 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30</td>
<td>543.25 MHz</td>
<td>6M253CF</td>
<td>548.75 MHz</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (c)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS: NZMS 262-8 663997, 663989, 660988, 657987.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 33° to 210°
(2) be less than 20 dBW over sector 210° through TN to 33°.

(d) The maximum interfering signal level shall be 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOT 037JCG

LOCATION
Site Name : Kaukau
Map : NZMS260/R27
Grid Reference : 590955
Altitude : 425 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel : 34
Nominal Vision Carrier : 575.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 580.75 MHz
Class of Emission (Sound) : 750KFJEGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-8 663997, 663989, 660988, 657987.

SPECIAL CONDITIONS
(a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 33° to 210°
(2) be less than 20 dBW over sector 210° through TN to 33°.

(d) The maximum interfering signal level shall be 30 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.
<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Kaukau</td>
<td></td>
<td>NZMS260/R27</td>
<td>425 m</td>
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</table>

<table>
<thead>
<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
</tr>
<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
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</table>

<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
<th>Horizontal</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
<th>122 m</th>
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<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-8 663997, 663989, 660988, 657987.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
<tr>
<td>(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
<tr>
<td>(c) The effective isotropic radiated power shall:</td>
</tr>
<tr>
<td>(1) not exceed 38 dBW over sector 33° to 210°</td>
</tr>
<tr>
<td>(2) be less than 20 dBW over sector 210° through TN to 33°.</td>
</tr>
<tr>
<td>(d) The maximum interfering signal level shall be 30 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.</td>
</tr>
<tr>
<td>(e) The maximum eirp in the sector 10° TN to 80° TN shall not exceed -41 dBW.</td>
</tr>
</tbody>
</table>
LOT 039JCI

LOCATION

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Kaukau</th>
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<tr>
<td>Map</td>
<td>NZMS260/R27</td>
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<tr>
<td>Grid Reference</td>
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<tr>
<td>Altitude</td>
<td>425 m Above Mean Sea Level</td>
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</table>

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>703.25 MHz</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>708.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF1EGN</td>
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</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>Special condition (c)</th>
</tr>
</thead>
</table>

ANTENNA POLARISATION

| Horizontal |

nominal antenna height

| 122 m Above Mean Ground Level |

RECEIVE COVERAGE LOCATIONS

| NZMS 262-8 663997, 663989, 660988, 657987. |

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:

1. not exceed 38 dBW over sector 33° to 210°
2. be less than 20 dBW over sector 210° through TN to 33°.

(d) The maximum interfering signal level shall be 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.

(e) The maximum eirp in the sector 10° TN to 80° TN shall not exceed -41 dBW.
LOCATION

Site Name: Kaukau
Map: NZMS260/R27
Grid Reference: 590955
Altitude: 425 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 54
Nominal Vision Carrier: 735.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 740.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (c)

ANTENNA POLARISATION

Horizontal

nominal antenna height: 122 m Above Mean Ground Level

receive coverage locations: NZMS 262-8 663997, 663989, 660988, 657987.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
   (1) not exceed 38 dBW over sector 33° to 210°
   (2) be less than 20 dBW over sector 210° through TN to 33°.

(d) The maximum interfering signal level shall be 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOT 041JDA

LOCATION
Site Name : Kaukau
Map : NZMS260/R27
Grid Reference : 590955
Altitude : 425 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel : 58
Nominal Vision Carrier : 767.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 772.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION
: Horizontal

NOMINAL ANTENNA HEIGHT
: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
: NZMS 262-8 663997, 663989, 660988, 657987.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 33° to 210°
(2) be less than 20 dBW over sector 210° through TN to 33°.

(d) The maximum interfering signal level shall be 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOCATION

Site Name: Kaukau
Map: NZMS260/R27
Grid Reference: 590955
Altitude: 425 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 62
Nominal Vision Carrier: 799.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 804.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (c)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 122 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-8 663997, 663989, 660988, 657987.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 110.3 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 19 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 38 dBW over sector 33° to 210°
(2) be less than 20 dBW over sector 210° through TN to 33°.

(d) The maximum interfering signal level shall be 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOCATION

Site Name: Sugarloaf
Map: NZMS260/M36
Grid Reference: 817337
Altitude: 494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 28
Nominal Vision Carrier: 527.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 532.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (c)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-13 474743, 475747, 481751, 487745.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum interfering signal level is 46 dBµV/m.

(c) The effective isotropic radiated power shall:
(1) not exceed 29 dBW over sector 290° through TN to 75°.
(2) be less than 20 dBW over sector 75° to 290°.
LOT 044JDD

LOCATION Site Name : Sugarloaf
Map : NZMS260/M36
Grid Reference : 817337
Altitude : 494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32</td>
<td>559.25 MHz</td>
<td>6M253CF</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-13 474743, 475747, 481751, 487745.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum interfering signal level is 46 dBμV/m.

(c) The effective isotropic radiated power shall:
   (1) not exceed 29 dBW over sector 290° through TN to 75°.
   (2) be less than 20 dBW over sector 75° to 290°.
LOT 045JDE

LOCATION

Site Name: Sugarloaf
Map: NZMS260/M36
Grid Reference: 817337
Altitude: 494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 44
Nominal Vision Carrier: 655.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 660.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (c)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:

NZMS 262-13 474743, 475747, 481751, 487745.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz +8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum interfering signal level is 46 dBµV/m.

(c) The effective isotropic radiated power shall:
   (1) not exceed 29 dBW over sector 290° through TN to 75°.
   (2) be less than 20 dBW over sector 75° to 290°.
LOT 046JDF

LOCATION
Site Name : Sugarloaf
Map : NZMS260/M36
Grid Reference : 817337
Altitude : 494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 48
Nominal Vision Carrier : 687.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 692.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION
: Horizontal

NOMINAL ANTENNA HEIGHT
: 121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-13 474743, 475747, 481751, 487745.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum interfering signal level is 46 dBµV/m.

(c) The effective isotropic radiated power shall:
(1) not exceed 29 dBW over sector 290° through TN to 75°.
(2) be less than 20 dBW over sector 75° to 290°.
LOT 047JDG

LOCATION

Site Name: Sugarloaf
Map: NZMS260/M36
Grid Reference: 817337
Altitude: 494 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 52
Nominal Vision Carrier: 719.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 724.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (c)

ANTENNA POLARISATION: Horizontal

NOMINAL ANTENNA HEIGHT: 121 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-13 474743, 475747, 481751, 487745.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum interfering signal level is 46 dBµV/m.

(c) The effective isotropic radiated power shall:
(1) not exceed 29 dBW over sector 290° through TN to 75°.
(2) be less than 20 dBW over sector 75° to 290°.
**LOT 048JDH**

<table>
<thead>
<tr>
<th>LOCATION</th>
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<th>Sugarloaf</th>
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</thead>
<tbody>
<tr>
<td>Map</td>
<td>NZMS260/M36</td>
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<tr>
<td>Grid Reference</td>
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<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>494 m Above Mean Sea Level</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>751.25 MHz</th>
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<td>Class of Emission (Vision)</td>
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<tr>
<td>Associated Sound Carrier</td>
<td>756.75 MHz</td>
<td></td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
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</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier : Special condition (c)

**ANTENNA POLARISATION**

Horizontal

**NOMINAL ANTENNA HEIGHT**

121 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-13 474743, 475747, 481751, 487745.

**SPECIAL CONDITIONS**

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum interfering signal level is 46 dBμV/m.

(c) The effective isotropic radiated power shall:

1) not exceed 29 dBW over sector 290° through TN to 75°.
2) be less than 20 dBW over sector 75° to 290°.
**LOT 049JD1**

<table>
<thead>
<tr>
<th>LOCATION</th>
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</thead>
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<tr>
<td></td>
<td>Map</td>
<td>NZMS260/M36</td>
</tr>
<tr>
<td></td>
<td>Grid Reference</td>
<td>817337</td>
</tr>
<tr>
<td></td>
<td>Altitude</td>
<td>494 m Above Mean Sea Level</td>
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</tbody>
</table>

**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
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</thead>
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<tr>
<td></td>
<td>60</td>
<td>783.25 MHz</td>
<td>6M253CF</td>
<td>788.75 MHz</td>
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<td>750KF3EGN</td>
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**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>Special condition (c)</th>
</tr>
</thead>
</table>

**ANTENNA POLARISATION**

- Horizontal

**NOMINAL ANTENNA HEIGHT**

- 121 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

- NZMS 262-13 474743, 475747, 481751, 487745.

**SPECIAL CONDITIONS**

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 26 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The maximum interfering signal level is 46 dBµV/m.

(c) The effective isotropic radiated power shall:
   (1) not exceed 29 dBW over sector 290° through TN to 75°.
   (2) be less than 20 dBW over sector 75° to 290°.
LOT 050JEJ

LOCATION

Site Name : Mount Studholme
Map : NZMS260/J40
Grid Reference : 442164
Altitude : 1080 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 29
Nominal Vision Carrier : 535.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 540.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-15 366646, 371643, 370647.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall;

(1) not exceed 45 dBW over the sector 35° to 180°.
(2) be less than 20 dBW over sector 180° through TN 35°.
LOT 051JEA

LOCATION
Site Name: Mount Studholme
Map: NZMS260/J40
Grid Reference: 442164
Altitude: 1080 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 33
Nominal Vision Carrier: 567.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 572.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (b)

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-15 366646, 371643, 370647.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 45 dBW over the sector 35° to 180°.
(2) be less than 20 dBW over sector 180° through TN 35°.
**LOT 052JEB**

<table>
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<tr>
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<th>Site Name</th>
<th>Mount Studholme</th>
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</thead>
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<tr>
<td>Map</td>
<td>NZMS260/J40</td>
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</tr>
<tr>
<td>Grid Reference</td>
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<tr>
<td>Altitude</td>
<td>1080 m Above Mean</td>
<td>Sea Level</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>663.25 MHz</th>
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<tbody>
<tr>
<td></td>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
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<tr>
<td></td>
<td>Associated Sound Carrier</td>
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<tr>
<td></td>
<td>Class of Emission (Sound)</td>
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**MAXIMUM POWER OF EMISSIONS**

<table>
<thead>
<tr>
<th>Maximum eirp of peak vision carrier</th>
<th>Special condition (b)</th>
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</table>

**ANTENNA POLARISATION**

<table>
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<th>Vertical</th>
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**NOMINAL ANTENNA HEIGHT**

<table>
<thead>
<tr>
<th>61 m Above Mean Ground Level</th>
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</thead>
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**RECEIVE COVERAGE LOCATIONS**

<table>
<thead>
<tr>
<th>NZMS 262-15 366646, 371643, 370647.</th>
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</table>

**SPECIAL CONDITIONS**

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:

(1) not exceed 45 dBW over the sector 35° to 180°.
(2) be less than 20 dBW over sector 180° through TN 35°.
LO 7053JEC

LOCATION
Site Name: Mount Studholme
Map: NZMS260/J40
Grid Reference: 442164
Altitude: 1080 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
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<tbody>
<tr>
<td></td>
<td>695.25 MHz</td>
<td>6M253CF</td>
<td>700.75 MHz</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (b)

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:
NZMS 262-15 366646, 371643, 370647.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 45 dBW over the sector 35° to 180°.
(2) be less than 20 dBW over sector 180° through TN 35°.
LOT 054JED

<table>
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<tr>
<th>LOCATION</th>
<th>Site Name</th>
<th>Mount Studholme</th>
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<tr>
<th>FREQUENCY AND CLASS OF EMISSION</th>
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<tbody>
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<td>Channel</td>
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<tr>
<td>Nominal Vision Carrier</td>
</tr>
<tr>
<td>Class of Emission (Vision)</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
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<table>
<thead>
<tr>
<th>MAXIMUM POWER OF EMISSIONS</th>
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<tbody>
<tr>
<td>Maximum eirp of peak vision carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA POLARISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical</td>
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</table>

<table>
<thead>
<tr>
<th>NOMINAL ANTENNA HEIGHT</th>
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</thead>
<tbody>
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<td>61 m Above Mean Ground Level</td>
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<table>
<thead>
<tr>
<th>RECEIVE COVERAGE LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZMS 262-15 366646, 371643, 370647.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) The effective radiated power of any emission on 156.8 MHz +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.</td>
</tr>
<tr>
<td>(b) The effective isotropic radiated power shall;</td>
</tr>
<tr>
<td>(1) not exceed 45 dBW over the sector 35° to 180°.</td>
</tr>
<tr>
<td>(2) be less than 20 dBW over sector 180° through TN 35°.</td>
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</table>
**LOT 055JEE**

<table>
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<tr>
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<tbody>
<tr>
<td>Map</td>
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**FREQUENCY AND CLASS OF EMISSION**

<table>
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<tr>
<th>Channel</th>
<th>57</th>
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<tbody>
<tr>
<td>Nominal Vision Carrier</td>
<td>759.25 MHz</td>
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<tr>
<td>Class of Emission (Vision)</td>
<td>6M253CF</td>
</tr>
<tr>
<td>Associated Sound Carrier</td>
<td>764.75 MHz</td>
</tr>
<tr>
<td>Class of Emission (Sound)</td>
<td>750KF3EGN</td>
</tr>
</tbody>
</table>

**MAXIMUM POWER OF EMISSIONS**

Maximum eirp of peak vision carrier: Special condition (b)

**ANTENNA POLARISATION**

Vertical

**NOMINAL ANTENNA HEIGHT**

61 m Above Mean Ground Level

**RECEIVE COVERAGE LOCATIONS**

NZMS 262-15 366646, 371643, 370647.

**SPECIAL CONDITIONS**

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall;

1. not exceed 45 dBW over the sector 35° to 180°.
2. be less than 20 dBW over sector 180° through TN 35°.
LOT 056JEF

LOCATION

Site Name : Mount Studholme
Map : NZMS260/J40
Grid Reference : 442164
Altitude : 1080 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 61
Nominal Vision Carrier : 791.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 796.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (b)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 61 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-15 366646, 371643, 370647.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective isotropic radiated power shall:
(1) not exceed 45 dBW over the sector 35° to 180°.
(2) be less than 20 dBW over sector 180° through TN 35°.
LOT 057JEG

LOCATION
Site Name : Mt Cargill
Map : NZMS260/I44
Grid Reference : 198853
Altitude : 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 30
Nominal Vision Carrier : 543.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 548.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-17 313479, 314474, 314476, 318477.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall;
(1) not exceed 29 dBW over the sector 90° to 240°.
(2) be less than 20 dBW over the sector 240° through TN to 90°.

(d) The maximum interfering signal level is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOT 058JEH

LOCATION
Site Name : Mt Cargill
Map : NZMS260/I44
Grid Reference : 198853
Altitude : 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel : 34
Nominal Vision Carrier : 575.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 580.75 MHz
Class of Emission (Sound) : 75OKF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-17 313479, 314474, 314476, 318477.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 29 dBW over the sector 90° to 240°.
(2) be less than 20 dBW over the sector 240° through TN to 90°.

(d) The maximum interfering signal level is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOT 059JEI

LOCATION

Site Name : Mt Cargill
Map : NZMS260/I44
Grid Reference : 198853
Altitude : 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 46
Nominal Vision Carrier : 671.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 676.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-17 313479, 314474, 314476, 318477.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
   (1) not exceed 29 dBW over the sector 90° to 240°.
   (2) be less than 20 dBW over the sector 240° through TN to 90°.

(d) The maximum interfering signal level is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOCATION
Site Name: Mt Cargill
Map: NZMS260/I44
Grid Reference: 198853
Altitude: 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 50
Nominal Vision Carrier: 703.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 708.75 MHz
Class of Emission (Sound): 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (c)

ANTENNA POLARISATION: Horizontal

RECEIVE COVERAGE LOCATIONS
NZMS 262-17 313479, 314474, 314476, 318477.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 29 dBW over the sector 90° to 240°.
(2) be less than 20 dBW over the sector 240° through TN to 90°.

(d) The maximum interfering signal level is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOT 061JFA

LOCATION
Site Name : Mt Cargill
Map : NZMS260/I44
Grid Reference : 198853
Altitude : 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 54
Nominal Vision Carrier : 735.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 740.75 MHz
Class of Emission (Sound) : 750KP3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-17 313479, 314474, 314476, 318477.

SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 109.9 MHz +3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 29 dBW over the sector 90° to 240°.
(2) be less than 20 dBW over the sector 240° through TN to 90°.

(d) The maximum interfering signal level is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
### LOCATION

<table>
<thead>
<tr>
<th>Location</th>
<th>Site Name</th>
<th>Map</th>
<th>Grid Reference</th>
<th>Altitude</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Mt Cargill</td>
<td>NZMS260/I44</td>
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<td>671 m Above Mean Sea Level</td>
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### FREQUENCY AND CLASS OF EMISSION

<table>
<thead>
<tr>
<th>Channel</th>
<th>Nominal Vision Carrier</th>
<th>Class of Emission (Vision)</th>
<th>Associated Sound Carrier</th>
<th>Class of Emission (Sound)</th>
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<td>772.75 MHz</td>
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### MAXIMUM POWER OF EMISSIONS

- Maximum eirp of peak vision carrier: Special condition (c)
- ANTENNA POLARISATION: Horizontal
- NOMINAL ANTENNA HEIGHT: 105 m Above Mean Ground Level

### RECEIVE COVERAGE LOCATIONS

NZMS 262-17 313479, 314474, 314476, 318477.

### SPECIAL CONDITIONS

(a) The effective radiated power of any emission on 109.9 MHz ±3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz ±8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
   (1) not exceed 29 dBW over the sector 90° to 240°.
   (2) be less than 20 dBW over the sector 240° through TN to 90°.

(d) The maximum interfering signal level is 30 dBμV/m measured with a horizontally polarized antenna or 50 dBμV/m measured with a vertically polarized antenna.
LOT 063JFC

LOCATION
Site Name : Mt Cargill
Map : NZMS260/I44
Grid Reference : 198853
Altitude : 671 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION
Channel : 62
Nominal Vision Carrier : 799.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 804.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS
Maximum eirp of peak vision carrier : Special condition (c)

ANTENNA POLARISATION : Horizontal

NOMINAL ANTENNA HEIGHT : 105 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-17 313479, 314474, 314476, 318477.

SPECIAL CONDITIONS
(a) The effective radiated power of any emission on 109.9 MHz +3 kHz shall be attenuated by 5 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(b) The effective radiated power of any emission on 156.8 MHz +8 kHz shall be attenuated by 7 dB more than the level specified as the Unwanted Emission Limit in the General Provisions.

(c) The effective isotropic radiated power shall:
(1) not exceed 29 dBW over the sector 90° to 240°.
(2) be less than 20 dBW over the sector 240° through TN to 90°.

(d) The maximum interfering signal level is 30 dBµV/m measured with a horizontally polarized antenna or 50 dBµV/m measured with a vertically polarized antenna.
LOT 064JFD

LOCATION
Site Name : Hedgehope
Map : NZMS260/F45
Grid Reference : 782485
Altitude : 644 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 28
Nominal Vision Carrier : 527.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 532.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (a)

ANTENNA POLARISATION

: Vertical

NOMINAL ANTENNA HEIGHT

: 115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS

: NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over the sector 180° to 200°.
(2) be less than 20 dBW over the sector 200° through TQ to 180°.

(b) The maximum interfering signal level is 30 dBμV/m measured using a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 065JFE

LOCATION
Site Name: Hedgehope
Map: NZMS260/F45
Grid Reference: 782485
Altitude: 644 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel: 32
Nominal Vision Carrier: 559.25 MHz
Class of Emission (Vision): 6M253CF
Associated Sound Carrier: 564.75 MHz
Class of Emission (Sound): 75OKF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (a)

ANTENNA POLARISATION
Vertical

NOMINAL ANTENNA HEIGHT
115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over the sector 180° to 200°.
(2) be less than 20 dBW over the sector 200° through TN to 180°.

(b) The maximum interfering signal level is 30 dBμV/m measured using a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 066JFF

LOCATION

Site Name : Hedgehope
Map : NZMS260/F45
Grid Reference : 782485
Altitude : 644 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 44
Nominal Vision Carrier : 655.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 660.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS :
NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over the sector 180° to 200°.
(2) be less than 20 dBW over the sector 200° through TN to 180°.

(b) The maximum interfering signal level is 30 dBμV/m measured using a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 067JFG

LOCATION

Site Name : Hedgehope
Map : NZMS260/F45
Grid Reference : 782485
Altitude : 644 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 48
Nominal Vision Carrier : 687.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 692.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (a)

ANTENNA POLARISATION : Vertical

NOMINAL ANTENNA HEIGHT : 115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS : NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over the sector 180° to 200°.
(2) be less than 20 dBW over the sector 200° through TN to 180°.

(b) The maximum interfering signal level is 30 dBµV/m measured using a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
LOT 068JFH

LOCATION

<table>
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<th>Site Name</th>
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<tbody>
<tr>
<td>Map</td>
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<td>Grid Reference</td>
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FREQUENCY AND CLASS OF EMISSION

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<td>Associated Sound Carrier</td>
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<td>Class of Emission (Sound)</td>
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MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier: Special condition (a)

ANTENNA POLARISATION: Vertical

NOMINAL ANTENNA HEIGHT: 115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS:

NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
  (1) not exceed 32 dBW over the sector 180° to 200°.
  (2) be less than 20 dBW over the sector 200° through TN to 180°.

(b) The maximum interfering signal level is 30 dBµV/m measured using a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.
LOT 069JFI

LOCATION
Site Name : Hedgehope
Map : NZMS260/F45
Grid Reference : 782485
Altitude : 644 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel : 56
Nominal Vision Carrier : 751.25 MHz
Class of Emission (Vision) : 6M253CF
Associated Sound Carrier : 756.75 MHz
Class of Emission (Sound) : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier : Special condition (a)
ANTENNA POLARISATION : Vertical
NOMINAL ANTENNA HEIGHT : 115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS
NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over the sector 180° to 200°.
(2) be less than 20 dBW over the sector 200° through TN to 180°.

(b) The maximum interfering signal level is 30 dBμV/m measured using a vertically polarized antenna or 50 dBμV/m measured with a horizontally polarized antenna.
LOT 070JGJ

LOCATION  Site Name  : Hedgehope  
Map  : NZMS260/F45  
Grid Reference  : 782485  
Altitude  : 644 m Above Mean Sea Level

FREQUENCY AND CLASS OF EMISSION

Channel  : 60  
Nominal Vision Carrier  : 783.25 MHz  
Class of Emission (Vision)  : 6M253CF  
Associated Sound Carrier  : 788.75 MHz  
Class of Emission (Sound)  : 750KF3EGN

MAXIMUM POWER OF EMISSIONS

Maximum eirp of peak vision carrier  : Special condition (a)

ANTENNA POLARISATION  : Vertical

NOMINAL ANTENNA HEIGHT  : 115 m Above Mean Ground Level

RECEIVE COVERAGE LOCATIONS  : NZMS 262-16 149410, 152416, 157413, 154406,

SPECIAL CONDITIONS

(a) The effective isotropic radiated power shall:
(1) not exceed 32 dBW over the sector 180° to 200°,
(2) be less than 20 dBW over the sector 200° through TN to 180°.

(b) The maximum interfering signal level is 30 dBµV/m measured using a vertically polarized antenna or 50 dBµV/m measured with a horizontally polarized antenna.

M J Belgrave
Secretary of Commerce

Dated at Wellington, 21 December 1989