

LOT 007JJG

1. Particulars of transmitter to which this licence relates.
- (a) Location of transmitter:
- | | |
|-----------------|-----------------------|
| Site Name: | Penninsula Hill |
| Map: | NZMS 1-S132 |
| Grid Reference: | 607691 |
| Altitude: | 844 m Above Sea Level |
- (b) Frequency on which transmissions are permitted by this licence: 687.25 MHz
- (c) Maximum power of emissions permitted under this licence: 35 dBW (e.i.r.p.)
- (d) Maximum bandwidth of emissions permitted under this licence:
- Not more than 6.75 MHz above the frequency to which this licence relates.
 - Not more than 1.25 MHz below the frequency to which this licence relates.
- (e) Unwanted emission limits applying to emissions from the transmitter (expressed as maximum e.i.r.p. (in dBW) of such emissions):
- (i) Limits applying to frequencies below the frequency to which this licence relates:
- 50 dBW at 510 MHz to -43 dBW at 513 MHz.
 - 43 dBW at 513 MHz to -43 dBW at 681 MHz.
 - 43 dBW at 681 MHz to 5 dBW at 686 MHz.
- (ii) Limits applying to frequencies above the frequency to which this licence relates:
- 5 dBW at 694 MHz to -43 dBW at 697 MHz.
 - 43 dBW at 697 MHz to -43 dBW at 809 MHz.
- [Note: The unwanted emission limits applicable to frequencies within each specified range shall be determined in accordance with the following formula:
- $$y = mx + C$$
- where - $y = \text{dBW}$, $x = \text{MHz}$, $m = \frac{dy}{dx}$,
 $C = \text{the value of } y \text{ where } x = 0 \text{ (the } y \text{ intercept)}$]
- (f) Class of emissions permitted under this licence:
- 6M25C3F/750KF3EGN