

[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 = the value of y where x = 0 (the y intercept)]

(f) Class of emissions permitted under this licence:

20K0A3EGN

(g) Horizontal radiation pattern of transmitter:
[maximum e.m.r.p. (in dBW) per sector (in degrees relative to True North)]

43.0 dBW	350° - TN - 130°
42.0 dBW	130° - 140°
41.0 dBW	140° - 150°
40.0 dBW	150° - 160°
38.0 dBW	160° - 170°
36.0 dBW	170° - 180°
34.0 dBW	180° - 190°
33.0 dBW	190° - 200°
32.0 dBW	200° - 210°
30.0 dBW	210° - 270°
31.0 dBW	270° - 280°
33.0 dBW	280° - 290°
35.0 dBW	290° - 300°
36.0 dBW	300° - 310°
38.0 dBW	310° - 320°
40.0 dBW	320° - 330°
41.0 dBW	330° - 340°
42.0 dBW	340° - 350°

(h) Antenna polarisation of transmitter: Vertical

(i) Antenna height: 51 metres above ground level

2. Other particulars.

(a) Receive coverage locations:

<u>Map</u>	<u>Grid References</u>
------------	------------------------

NZMS 262-3 666494, 656476

(b) Maximum permitted interfering signals applying to receive coverage locations:

Co-channel:	42 dBμV/m.
Adjacent channel:	63 dBμV/m.

(c) Commencement date of licence: 1 November 1990

(d) Expiry date of licence: 31 October 2010