

## 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 dB $\mu$ V/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
 
$$43 + 10 \log W \quad (\text{dB})$$
 (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  $\pm 500$  Hz of the nominal carrier frequency. Tighter tolerances may be required where carrier offset is used.