Part 5

Standard Station

Section 23

The licensee must only operate an amateur Standard station on a frequency that that is not listed in Schedule 3 of the LCD. Know the frequencies and limitations.

Permitted frequencies and emission modes (Extracted from Schedule 3). The user list on the left indicates the users of that frequency either Foundation, Standard or Advanced. If in doubt consult Schedule 3.

Read Schedule 3 and know the frequencies.

Amateur Frequencies, Bandwidths, Power and Limitations.

Always consult the LCD and Australian Band Plan.

Users	Band	Frequency	Mode	Power
A	2200m	135.7 kHz - 137.8 kHz	Any mode. BW< 2.1 kHz	As per Note 1
A	630m	472 kHz - 479 kHz	Any mode. BW< 2.1 kHz	As per Note 2
A	160m	1.8 MHz – 1.875 MHz	Any Mode BW<8 kHz	As per Note 3 & 4
F - S - A	80m	3.5 MHz – 3.7 MHz	Any Mode BW<8 kHz	As per Note 3 & 4
A		3.776 MHz – 3.8 MHz	Any Mode BW < 8 kHz	As per Note 3
	60m	Not yet available		
F - S - A	40m	7.0 MHz – 7.1 MHz	Any Mode BW < 8 kHz	As per Note 3 & 4
		7.1 MHz – 7.3 MHz	Any Mode BW < 8 kHz	As per Note 3
A	30m	10.1 MHz – 10.15 MHz	Any Mode BW < 8 kHz	As per Note 3
S - A	20m	14.0 MHz – 14.35 MHz	Any Mode BW<8 kHz	As per Note 3 & 4
A	17	18.068 MHz – 18.168 MHz	Any Mode BW<8 kHz	As per Note 3 & 4
F - S - A	15m	21.0 MHz – 21.45 MHz	Any Mode BW<8 kHz	As per Note 3 & 4
A	12m	24.89 MHz – 24.99 MHz	Any Mode BW<8 kHz	As per Note 3 & 4
F - S - A	10m	28.0 MHz – 29.7 MHz	Any Mode BW < 16 kHz	As per Note 3 & 4
A	6m	50.0 MHz - 52.0 MHz	Any Mode BW < 100 kHz	As per Note 3
S - A		52.0 MHz - 54.0 MHz	Any Mode	As per Note 3
F - S - A	2m	144.0 MHz - 148.0 MHz	Any Mode	As per Note 3
F - S - A	70cm	430.0 MHz - 450.0 MHz	Any Mode	As per Note 3
S - A	23cm	1.24 GHz -1.3 GHz	Any Mode	As per Note 3
A	13cm	2.3 GHz – 2.302 GHz	Any Mode	As per Note 3
S - A		2.4 GHz - 2.45 GHz	Any Mode	As per Note 3 & 5
A	9cm	3.3 GHz - 3.4 GHz	Any Mode	As per Note 3
		3.4 GHz - 3.6 GHz	Any Mode	As per Note 3 & 6
S - A	6cm	5.65 GHz - 5.85 GHz	Any Mode	As per Note 3
A	3cm	10.0 GHz – 10.5 GHz	Any Mode	As per Note 3
A	12 mm	24.0 GHz - 24.25 GHz	Any Mode	As per Note 3
A	6 mm	47.0 GHz – 47.2 GHz	Any Mode	As per Note 3
A	4 mm	76.0 GHz – 81.0 GHz	Any Mode	As per Note 3
A	2.5mm	122.25 GHz – 123.0 GHz	Any Mode	As per Note 3
A	2mm	134.0 GHz – 141.0 GHz	Any Mode	As per Note 3
A	1.25mm	241.0 GHz – 250.0 GHz	Any Mode	As per Note 3

Note 1 - A maximum Effective Isotropic Radiated Power (EIRP) of 1 watt pX.

Note 2 - A maximum Effective Isotropic Radiated Power (EIRP) of 5 watts pX.
Excluded from use in the "Timor Non Directional Beacon Area". Refer to LCD Part 3 (1)

Note 3
Foundation transmitter power - 10 watts pX for all modes
Standard Transmitter power - 100 watts pX for
J3E - SSB telephony
R3E - SSB variable carrier telephony
Other modes 30 watts pY
Advanced transmitter power - 400 watts pX for
C3F - Vestigial sideband television
J3E - SSB telephony
R3E - SSB variable carrier telephony
Other modes - 120 watts pY.

Note 4 - If the band width is exceeded, the Power Spectral Density (PSD) of the signal must not exceed 1 watt per 100kHz.

Note 5 - Other services must accept any harmful interference from Industrial, Scientific & Medical devices.

Note 6 - Excluded from operating in areas defined by Schedule 5 of the LCD.

pX - Peak envelope power (PEP).
pY - The average power
pZ - Carrier Power.

Section 24

The licensee must not ensure the transmission remains entirely within that frequency band.

Section 25

The licensee must not operate an amateur standard station, using a transmitter output power of more than **100 watts pX,** if the emission mode of the station includes:

(a) J3E; (AM or SSB, analogue information, Telephony) or
(b) R3E. (AM or SSB, analogue information, Telephony)

The licensee must operate an amateur standard station, **30 watts pY** (Mean power) for all other modes.