

SHF Reference Circuits

Frequency Bands 3300-24250MHz (9, 6, 3, 1.2cm bands)

Analog Voice Mode	SSB	FM
Emission Designator	2K70J3E	11K0F3E 16K0F3E 20K0F3E
Transmit Power (dBW)	3-26	3-26
Feeder Loss (dB)	0-10	0-10
Transmit Antenna Gain	9-40	9-40
Typical EIRP (dBW)	9-63	9-63
Antenna Polarization	Horizontal	Vertical
Receiver IF Bandwidth (kHz)	2.7	9, 15
Receiver Noise Figure	1-2	1-2

Morse (CW) Mode	Morse 10-50 Bd	EME <20 Bd
Emission Designator	150HA1A 150HJ2A	50HOA1A 50HOJ2A
Transmit Power (dBW)	3-26	17-26
Feeder Loss (dB)	0-10	0-10
Transmit Antenna Gain	9-40	20-40
Typical EIRP (dBW)	2-63	35-63
Antenna Polarization	Horizontal	Horizontal, Vertical, LHCP, RHCP
Receiver IF Bandwidth (kHz)	0.4	0.4
Receiver Noise Figure	1-2	1-2

Digital Voice and Multimedia	3300-10500
Emission Designator	2K70G1D 6K00F7 16K0D1D 150KF1W 10M5F7W
Transmitter Power (dBW)	3
Feeder Loss (dB)	1-6
Transmit Antenna Gain	36
Typical EIRP (dBW)	38
Antenna Polarization	Horizontal, Vertical
Receiver IF Bandwidth (kHz)	2.7,6,16,130,10500
Receiver Noise Figure (dB)	2