

Appendix A - RF Power Output

Modulation Type	Channel Separation	Frequency (MHz)	Power Level	RF Conducted Output Power (dBm)	Max. Antenna Gain (dBi)	ERP (W)	Limit (W)
$\pi/4$ -DQPSK	25KHz	854.125	Max	42.85	12.1	190.55	1000
			Low	29.74	12.1	9.31	1000
		859.025	Max	42.85	12.1	190.55	1000
			Low	29.82	12.1	9.48	1000
		868.975	Max	42.91	12.1	193.2	1000
			Low	29.82	12.1	9.48	1000
		869.875	Max	42.93	12.1	194.09	500
			Low	29.83	12.1	9.51	500

Note:

- 1) 44 dBm is the declared maximum rated power, 30dBm is the declared low rated power by manufacturer.
- 2) EIRP = Conducted Power +Antenna Gain; ERP = EIRP – 2.15dB

2. Peak to Average Ratio

Modulation Type	Channel Separation	Frequency (MHz)	Power Level	Peak-to-Average ratio (PAR) (dB)	Limit (dB)
$\pi/4$ -DQPSK	25KHz	869.875	Max	3.17	13.0
			Low	3.11	13.0

Note: PAPR (dB) = P_{PK} (dBm or dBW) - P_{Avg} (dBm or dBW)



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