

Appendix A - Input/output power and amplifier/booster gain

Test Data:

Mode	Operation Band	Frequency F ₀ (MHz)	Signal Type	Signal Level (dBm)	Input Power (dBm)	Output Power (dBm)	Total Output Power (dBm)	ERP (W)	Gain (dB)
Uplink	788 ~ 805MHz	797.733	CW	Pre-AGC	-50	36.04	36.04	2.45	86.04
				3dB Above AGC	-47	36.18	36.18	2.53	/

Remark:

- 1) The normal power is 37dBm and the measured output power which show in above table is within ± 1.0dB tolerance.
- 2) The ERP limit is 5W, the product satisfied with the limit.
- 3) ERP (dBm) = Total Output Power (dBm) + Antenna Gain (dBi) - 2.15 dB = 34.03dBm = 2.53W. Antenna Gain is 0.0dBi.



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