

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

**Test Data:**

Mode	Operation Band	Frequency F <sub>0</sub> (MHz)	Signal Type	Signal Level (dBm)	Input Power (dBm)	Output Power (dBm)	Total Output Power (dBm)	ERP (dBm)	Gain (dB)
Uplink	806 ~ 824MHz	821.093	CW	Pre-AGC	-50	36.58	36.58	2.77	86.58
				3dB Above AGC	-47	36.49	36.49	2.71	/

**Remark:**

- 1) The normal power is 37dBm and the measured output power which show in above table is within ± 2.0dB 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. Antenna Gain is 0.0dBi.



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