

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

Test Data:

Mode	Operation Band	Frequency (MHz)	Signal Type	Signal Level (dBm)	Input Power (dBm)	Output Power (dBm)	ERP (W)	Gain (dB)
Downlink	758 ~ 775MHz	773.034	CW	Pre-AGC	-10	37.42	3.37	47.42
				3dB Above AGC	-7	37.45	3.39	/

Remark:

- 1) The normal power is 37dBm and the measured output power which show in above table is within ± 2.0 dB tolerance.
- 2) The ERP limit is 5W, the product satisfied with the limit.
- 3) $ERP (dBm) = Total Output Power (dBm) + Antenna Gain (dBi) - 2.15 dB = 35.3 dBm = 3.39W$. Antenna Gain is 0.0dBi.



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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
 中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com