

Appendix A - Input/output power and amplifier/booster gain
Test Data:
Uplink 896-901MHz

Mode	Operation Band	Frequency (MHz)	Signal Type	Signal Level (dBm)	Input Power (dBm)	Output Power (dBm)	ERP (W)	Gain (dB)
Downlink	896 ~ 901MHz	896.012	CW	Pre-AGC	-50	37.01	3.06	87.01
				3dB Above AGC	-47	37.15	3.16	/

Remark:

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

Uplink 901-902MHz

Mode	Operation Band	Frequency (MHz)	Signal Type	Signal Level (dBm)	Input Power (dBm)	Output Power (dBm)	ERP (W)	Gain (dB)
Downlink	901 ~ 902MHz	901.728	CW	Pre-AGC	-50	36.93	3.01	86.93
				3dB Above AGC	-47	37.14	3.16	/

Remark:

- 1) The normal power is 37dBm and the measured output power which show in above table is within ± 1.0 dB tolerance.
- 2) Frequency range: 901-902MHz. Maximum ERP 7Watts, 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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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