

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)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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