

Report No.: SEWM2302000052RG02

Rev.: 01

Page: 1 of 3

# Appendix B.8

## LTE Band 26(814-824)



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.  
Wireless Laboratory

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

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Page: 2 of 3

## Transmitter Conducted Power Output

Test for Spot check the max BW power:

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit (dBm)	Verdict
Band26	10MHz	QPSK	26740	1RB#0	22.72	50	PASS
Band26	10MHz	QPSK	26740	1RB#25	22.75	50	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.70	50	PASS
Band26	10MHz	QPSK	26740	25RB#0	21.66	50	PASS
Band26	10MHz	QPSK	26740	25RB#13	21.61	50	PASS
Band26	10MHz	QPSK	26740	25RB#25	21.64	50	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.59	50	PASS



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South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

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## Field Strength of Spurious Radiation

### Test for spot check:

Test Band = LTE Band 26 10M\_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1629.18	65.78	-48.44	25.59	-52.33	-13.00	39.33	188	23	Horizontal
2	2443.77	55.33	-47.22	27.79	-59.36	-13.00	46.36	255	178	Horizontal
3	3258.36	60.18	-46.18	29.50	-51.76	-13.00	38.76	168	146	Horizontal
4	4072.95	46.10	-45.43	30.72	-63.88	-13.00	50.88	147	357	Horizontal
5	4887.54	38.78	-45.08	32.33	-69.23	-13.00	56.23	162	222	Horizontal
6	5702.13	40.36	-43.56	33.25	-65.21	-13.00	52.21	232	237	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1629.18	65.29	-48.44	25.59	-52.82	-13.00	39.82	169	308	Vertical
2	2443.77	50.08	-47.22	27.79	-64.61	-13.00	51.61	187	339	Vertical
3	3258.36	59.69	-46.18	29.50	-52.25	-13.00	39.25	214	294	Vertical
4	4072.95	49.42	-45.43	30.72	-60.56	-13.00	47.56	162	308	Vertical
5	4887.54	39.16	-45.08	32.33	-68.85	-13.00	55.85	225	31	Vertical
6	5702.13	40.88	-43.56	33.25	-64.69	-13.00	51.69	137	360	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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