



Report No.: SEWM2304000133RG01
Rev.: 01
Page: 1 of 7

Appendix B.8

LTE Band 14



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-Documents.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

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 t (86-512) 62992980 www.sgs.com.cn
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号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	23.79	24.06	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.82	24.09	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.73	24.00	34.77	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.86	23.13	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.80	24.07	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#12	23.77	24.04	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.70	23.97	34.77	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.84	23.11	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.80	24.07	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.72	23.99	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.70	23.97	34.77	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.83	23.10	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	23.18	23.45	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#12	23.02	23.29	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.99	23.26	34.77	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.91	22.18	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	23.05	23.32	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#12	23.12	23.39	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.98	23.25	34.77	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.86	22.13	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#0	23.01	23.28	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#12	23.07	23.34	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.92	23.19	34.77	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.88	22.15	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.81	24.08	34.77	PASS



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-Documents.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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000133RG01
Rev.: 01
Page: 3 of 7

Band14	10MHz	QPSK	23330	1RB#24	23.81	24.08	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.72	23.99	34.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.87	23.14	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	23.06	23.33	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#24	23.16	23.43	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.94	23.21	34.77	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.86	22.13	34.77	PASS



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-Documents.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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 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号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = LTE_14_10M_TM1

Test Channel = MCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.3222	67.30	-53.41	25.85	-55.52	-13.00	42.52	216	316	Horizontal
2	2547.9435	52.68	-50.91	28.29	-65.20	-13.00	52.20	364	244	Horizontal
3	3626.8813	52.81	-49.37	30.31	-61.51	-13.00	48.51	143	35	Horizontal
4	5086.8043	51.59	-47.29	33.47	-57.49	-13.00	44.49	184	212	Horizontal
5	7474.9737	49.80	-43.36	36.65	-52.17	-13.00	39.17	218	168	Horizontal
6	9002.8001	48.20	-41.66	38.79	-49.93	-13.00	36.93	211	325	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.3222	62.77	-53.41	25.85	-60.05	-13.00	47.05	205	243	Vertical
2	2535.1919	53.16	-50.99	28.21	-64.88	-13.00	51.88	139	52	Vertical
3	3613.5807	53.13	-49.50	30.25	-61.38	-13.00	48.38	364	10	Vertical
4	5254.8127	50.80	-46.50	33.38	-57.58	-13.00	44.58	322	74	Vertical
5	7481.6241	49.88	-43.31	36.64	-52.05	-13.00	39.05	210	335	Vertical
6	8557.9279	48.50	-42.33	38.96	-50.13	-13.00	37.13	229	320	Vertical



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-Documents.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

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号的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

Test Band = LTE_14_5M_TM1
 Test Channel = LCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1576.5721	64.88	-53.41	25.85	-57.94	-13.00	44.94	171	303	Horizontal
2	2402.9254	53.13	-51.87	27.81	-66.19	-13.00	53.19	362	249	Horizontal
3	3157.5079	52.50	-49.92	30.32	-62.36	-13.00	49.36	376	94	Horizontal
4	5483.3742	50.87	-45.49	33.20	-56.68	-13.00	43.68	264	217	Horizontal
5	8187.2594	49.18	-43.35	37.45	-51.98	-13.00	38.98	143	187	Horizontal
6	8994.3997	48.48	-41.70	38.77	-49.71	-13.00	36.71	219	183	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1576.5721	63.80	-53.41	25.85	-59.02	-13.00	46.02	254	239	Vertical
2	2526.1908	53.08	-51.04	28.16	-65.06	-13.00	52.06	333	278	Vertical
3	3956.9478	52.35	-49.09	30.93	-61.07	-13.00	48.07	139	12	Vertical
4	5816.9408	50.94	-45.62	34.10	-55.84	-13.00	42.84	235	247	Vertical
5	8369.9685	49.38	-43.16	37.36	-51.68	-13.00	38.68	184	90	Vertical
6	9614.6307	47.66	-41.10	39.08	-49.62	-13.00	36.62	235	247	Vertical



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-Documents.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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 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号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = LTE_14_5M_TM1
 Test Channel = MCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1581.5727	62.78	-53.40	25.84	-60.04	-13.00	47.04	320	295	Horizontal
2	2191.899	53.04	-51.98	27.65	-66.55	-13.00	53.55	219	113	Horizontal
3	3162.7581	52.95	-50.01	30.33	-61.99	-13.00	48.99	156	46	Horizontal
4	4736.0868	51.30	-47.54	32.09	-59.41	-13.00	46.41	223	144	Horizontal
5	6354.9177	50.45	-45.17	34.77	-55.21	-13.00	42.21	143	281	Horizontal
6	9745.8873	47.83	-41.06	38.79	-49.70	-13.00	36.70	149	210	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1581.5727	60.15	-53.40	25.84	-62.67	-13.00	49.67	233	202	Vertical
2	2519.1899	54.55	-51.08	28.12	-63.67	-13.00	50.67	235	245	Vertical
3	3633.1817	52.65	-49.31	30.33	-61.59	-13.00	48.59	359	349	Vertical
4	5579.279	50.82	-45.56	33.32	-56.68	-13.00	43.68	221	101	Vertical
5	7481.2741	49.58	-43.31	36.64	-52.35	-13.00	39.35	256	190	Vertical
6	9050.7525	48.62	-41.88	38.70	-49.82	-13.00	36.82	184	58	Vertical



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-Documents.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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 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号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = LTE_14_5M_TM1
Test Channel = HCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1586.8293	63.70	-53.39	25.83	-59.12	-13.00	46.12	293	350	Horizontal
2	2461.2231	54.64	-51.26	27.92	-63.96	-13.00	50.96	254	238	Horizontal
3	3275.7638	52.87	-49.80	30.65	-61.54	-13.00	48.54	101	165	Horizontal
4	5005.6503	51.46	-44.06	33.13	-54.73	-13.00	41.73	105	238	Horizontal
5	7891.1946	49.36	-42.19	37.35	-50.74	-13.00	37.74	370	267	Horizontal
6	9585.9793	47.77	-39.49	39.17	-47.81	-13.00	34.81	184	209	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1586.8293	64.16	-53.39	25.83	-58.66	-13.00	45.66	281	222	Vertical
2	2464.3732	56.00	-51.26	27.93	-62.59	-13.00	49.59	348	202	Vertical
3	3951.6976	51.97	-47.86	30.91	-60.24	-13.00	47.24	226	334	Vertical
4	4988.9994	51.19	-44.02	33.12	-54.97	-13.00	41.97	231	280	Vertical
5	7496.9748	49.58	-42.59	36.61	-51.66	-13.00	38.66	184	172	Vertical
6	9081.9541	48.65	-40.49	38.70	-48.40	-13.00	35.40	311	290	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---



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-Documents.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
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 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号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com