

Appendix B.6

LTE Band 13



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湖胜路1号的6号厂房南面 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
Band13	5MHz	QPSK	23205	1RB#0	23.11	18.45	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.22	18.56	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.33	18.67	34.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.20	17.54	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.04	18.38	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.30	18.64	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.97	18.31	34.77	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.25	17.59	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.00	18.34	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.27	18.61	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.03	18.37	34.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.36	17.7	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.08	17.42	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.04	17.38	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.03	17.37	34.77	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.38	16.72	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.09	17.43	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.01	17.35	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.06	17.4	34.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.32	16.66	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.49	17.83	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.27	17.61	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.89	17.23	34.77	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.19	16.53	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.13	18.47	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.19	18.53	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.28	18.62	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



Report No.: SEWA2209000044RG01

Rev.: 01

Page: 3 of 7

Band13	10MHz	QPSK	23230	50RB#0	22.19	17.53	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.01	17.35	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.99	17.33	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.79	17.13	34.77	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.22	16.56	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 herein 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

Field Strength of Spurious Radiation

Test Band = LTE Band13_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	1555.1800	56.54	-48.30	25.41	-61.61	-13.00	48.61	248	39	Horizontal
2	2332.5714	50.46	-47.48	27.41	-64.88	-13.00	51.88	196	105	Horizontal
3	3110.3600	42.30	-46.70	29.53	-70.13	-13.00	57.13	145	66	Horizontal
4	3887.9500	41.13	-46.22	30.54	-69.81	-13.00	56.81	162	0	Horizontal
5	4665.5400	39.41	-45.80	31.91	-69.74	-13.00	56.74	135	4	Horizontal
6	5443.1300	40.32	-45.04	32.85	-67.14	-13.00	54.14	128	360	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	1555.1800	55.82	-48.30	25.41	-62.33	-13.00	49.33	245	4	Vertical
2	2332.7700	45.15	-47.48	27.41	-70.19	-13.00	57.19	162	171	Vertical
3	3110.3600	42.82	-46.70	29.53	-69.61	-13.00	56.61	125	1	Vertical
4	3887.9500	40.46	-46.22	30.54	-70.48	-13.00	57.48	132	237	Vertical
5	4665.5400	39.50	-45.80	31.91	-69.65	-13.00	56.65	184	117	Vertical
6	5443.1300	40.00	-45.04	32.85	-67.46	-13.00	54.46	196	145	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 herein 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 Band13_5M_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.6800	57.74	-48.30	25.41	-60.41	-13.00	47.41	165	28	Horizontal
2	2332	46.11	-47.48	27.41	-69.23	-13.00	56.23	125	0	Horizontal
3	3109.3600	42.19	-46.71	29.53	-70.24	-13.00	57.24	145	0	Horizontal
4	3886.7000	40.23	-46.22	30.53	-70.72	-13.00	57.72	128	0	Horizontal
5	4664.0400	39.64	-45.80	31.91	-69.51	-13.00	56.51	196	335	Horizontal
6	5441.3800	40.51	-45.04	32.85	-66.95	-13.00	53.95	135	360	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	1554.6800	58.24	-48.30	25.41	-59.91	-13.00	46.91	248	8	Vertical
2	2332	47.93	-47.48	27.41	-67.41	-13.00	54.41	196	261	Vertical
3	3109.3600	42.47	-46.71	29.53	-69.96	-13.00	56.96	145	360	Vertical
4	3886.7000	40.95	-46.22	30.53	-70.00	-13.00	57.00	166	0	Vertical
5	4664.0400	38.73	-45.80	31.91	-70.42	-13.00	57.42	196	347	Vertical
6	5441.3800	39.32	-45.04	32.85	-68.14	-13.00	55.14	254	204	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.sgsgroup.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 Band13_5M_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	1559.6800	57.07	-48.30	25.40	-61.08	-40.00	21.08	241	280	Horizontal
2	2339.4286	45.54	-47.48	27.41	-69.79	-13.00	56.79	132	190	Horizontal
3	3119.3600	41.85	-46.66	29.55	-70.52	-13.00	57.52	165	4	Horizontal
4	3899.2000	40.81	-46.23	30.56	-70.12	-13.00	57.12	128	332	Horizontal
5	4679.0400	39.46	-45.80	31.95	-69.65	-13.00	56.65	196	240	Horizontal
6	5458.8800	39.38	-45.07	32.87	-68.09	-13.00	55.09	155	92	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	1559.6800	54.65	-48.30	25.40	-63.50	-40.00	23.50	246	240	Vertical
2	2339.4286	49.09	-47.48	27.41	-66.24	-13.00	53.24	187	252	Vertical
3	3119.3600	41.85	-46.66	29.55	-70.52	-13.00	57.52	196	352	Vertical
4	3899.2000	40.37	-46.23	30.56	-70.56	-13.00	57.56	186	1	Vertical
5	4679.0400	39.39	-45.80	31.95	-69.72	-13.00	56.72	233	83	Vertical
6	5458.8800	39.61	-45.07	32.87	-67.86	-13.00	54.86	164	162	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 Band13_5M_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.5714	59.93	-48.29	25.40	-58.23	-40.00	18.23	284	284	Horizontal
2	2346.8571	46.55	-47.48	27.41	-68.77	-13.00	55.77	196	226	Horizontal
3	3129.3600	42.29	-46.61	29.56	-70.02	-13.00	57.02	145	151	Horizontal
4	3911.7000	40.43	-46.23	30.59	-70.46	-13.00	57.46	168	334	Horizontal
5	4694.0400	39.62	-45.80	32.00	-69.44	-13.00	56.44	128	12	Horizontal
6	5476.3800	39.03	-45.10	32.88	-68.45	-13.00	55.45	173	243	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	1564.5714	57.11	-48.29	25.40	-61.05	-40.00	21.05	245	10	Vertical
2	2346.8571	47.82	-47.48	27.41	-67.50	-13.00	54.50	188	197	Vertical
3	3129.3600	42.19	-46.61	29.56	-70.12	-13.00	57.12	196	230	Vertical
4	3911.7000	40.05	-46.23	30.59	-70.84	-13.00	57.84	154	348	Vertical
5	4694.0400	39.34	-45.80	32.00	-69.72	-13.00	56.72	112	118	Vertical
6	5476.3800	39.05	-45.10	32.88	-68.43	-13.00	55.43	135	0	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) - Pre-amplifier (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湖胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com