

Report No.: SEWM2211000245RG01

Rev.: 01

Page: 1 of 9

Appendix B.3

LTE Band 4



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

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.04	24.04	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.93	23.93	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.87	23.87	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.92	22.92	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.86	23.86	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.06	24.06	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22	24	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.04	23.04	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.74	23.74	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.67	23.67	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.71	23.71	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.8	22.8	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.86	22.86	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.9	22.9	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.91	22.91	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.96	21.96	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.79	22.79	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.88	22.88	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.76	22.76	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.75	21.75	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.56	22.56	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.48	22.48	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.68	22.68	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.76	21.76	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.94	23.94	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.75	23.75	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.82	23.82	30	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

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

Band4	3MHz	QPSK	19965	15RB#0	21.08	23.08	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.98	23.98	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22	24	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22	24	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.06	23.06	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.82	23.82	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.72	23.72	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.78	23.78	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.83	22.83	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.01	23.01	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.7	22.7	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.76	22.76	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.13	22.13	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.8	22.8	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.77	22.77	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.01	23.01	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.88	21.88	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.53	22.53	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.2	23.2	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.12	23.12	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.98	21.98	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.08	24.08	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.97	23.97	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.67	23.67	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.03	23.03	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.36	24.36	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.05	24.05	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.95	23.95	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.99	22.99	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.78	23.78	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22	24	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.97	23.97	30	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

Band4	5MHz	QPSK	20375	25RB#0	20.85	22.85	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.74	22.74	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.48	22.48	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.71	22.71	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.16	22.16	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.82	22.82	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.71	22.71	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.82	22.82	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.21	22.21	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.62	22.62	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.36	22.36	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.66	22.66	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.99	21.99	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.05	24.05	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.93	23.93	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.87	23.87	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.98	22.98	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.89	23.89	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.1	24.1	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.14	24.14	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.95	22.95	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.99	23.99	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.81	23.81	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.96	23.96	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.99	22.99	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.83	22.83	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.67	22.67	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.77	22.77	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.93	21.93	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.7	22.7	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.9	22.9	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.87	22.87	30	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

Band4	10MHz	16QAM	20175	50RB#0	20.14	22.14	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.93	22.93	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.75	22.75	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.78	22.78	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.04	22.04	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.96	23.96	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.93	23.93	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.81	23.81	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.02	23.02	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.88	23.88	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.09	24.09	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.28	24.28	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.98	22.98	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.14	24.14	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.96	23.96	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.02	24.02	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.08	23.08	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.77	22.77	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.69	22.69	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.85	22.85	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.95	21.95	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.75	22.75	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.69	22.69	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.94	22.94	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.07	22.07	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.99	22.99	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.76	22.76	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.26	23.26	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.1	22.1	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.94	23.94	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.84	23.84	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.28	24.28	30	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

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



Report No.: SEWM2211000245RG01

Rev.: 01

Page: 6 of 9

Band4	20MHz	QPSK	20050	100RB#0	20.98	22.98	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.93	23.93	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.89	23.89	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.2	24.2	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21	23	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.1	24.1	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.34	24.34	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.79	23.79	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.11	23.11	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.65	22.65	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.86	22.86	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.8	22.8	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20	22	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.69	22.69	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.84	22.84	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.92	22.92	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.08	22.08	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.9	22.9	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.6	23.6	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.8	22.8	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.12	22.12	30	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 Band 4_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	44.50	-45.88	29.43	-67.21	-13.00	54.21	296	0	Horizontal
2	5133.27	40.40	-44.24	32.60	-66.50	-13.00	53.50	233	31	Horizontal
3	6844.36	40.62	-42.50	35.89	-61.25	-13.00	48.25	255	187	Horizontal
4	8555.45	36.12	-39.68	38.11	-60.71	-13.00	47.71	241	358	Horizontal
5	10266.54	34.22	-36.74	38.79	-58.98	-13.00	45.98	122	331	Horizontal
6	11977.63	31.94	-35.32	38.62	-60.01	-13.00	47.01	285	347	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	3422.18	44.23	-45.88	29.43	-67.48	-13.00	54.48	201	106	Vertical
2	5133.27	40.34	-44.24	32.60	-66.56	-13.00	53.56	174	139	Vertical
3	6844.36	41.05	-42.50	35.89	-60.82	-13.00	47.82	142	1	Vertical
4	8555.45	36.67	-39.68	38.11	-60.16	-13.00	47.16	263	218	Vertical
5	10266.54	34.13	-36.74	38.79	-59.07	-13.00	46.07	255	1	Vertical
6	11977.63	32.03	-35.32	38.62	-59.92	-13.00	46.92	284	282	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 Band 4_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	43.67	-45.82	29.42	-67.98	-13.00	54.98	296	313	Horizontal
2	5170.77	41.04	-44.19	32.60	-65.81	-13.00	52.81	265	184	Horizontal
3	6894.36	39.04	-42.44	35.99	-62.67	-13.00	49.67	201	329	Horizontal
4	8617.95	36.97	-39.74	38.18	-59.85	-13.00	46.85	142	151	Horizontal
5	10341.54	32.70	-36.68	38.88	-60.36	-13.00	47.36	263	70	Horizontal
6	12065.13	33.48	-35.25	38.67	-58.37	-13.00	45.37	268	0	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	3447.18	43.32	-45.82	29.42	-68.33	-13.00	55.33	201	297	Vertical
2	5170.77	41.15	-44.19	32.60	-65.70	-13.00	52.70	174	5	Vertical
3	6894.36	38.61	-42.44	35.99	-63.10	-13.00	50.10	142	344	Vertical
4	8617.95	36.10	-39.74	38.18	-60.72	-13.00	47.72	263	39	Vertical
5	10341.54	32.59	-36.68	38.88	-60.47	-13.00	47.47	255	264	Vertical
6	12065.13	32.80	-35.25	38.67	-59.05	-13.00	46.05	286	0	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 Band 4_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	42.87	-45.76	29.41	-68.74	-13.00	55.74	201	267	Horizontal
2	5208.27	41.41	-44.14	32.60	-65.39	-13.00	52.39	142	134	Horizontal
3	6944.36	39.72	-42.50	36.09	-61.95	-13.00	48.95	263	118	Horizontal
4	8680.45	37.48	-39.46	38.25	-58.99	-13.00	45.99	265	298	Horizontal
5	10416.54	32.09	-36.46	38.96	-60.67	-13.00	47.67	298	249	Horizontal
6	12152.63	31.71	-35.22	38.75	-60.02	-13.00	47.02	244	346	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	3472.18	43.42	-45.76	29.41	-68.19	-13.00	55.19	255	154	Vertical
2	5208.27	42.43	-44.14	32.60	-64.37	-13.00	51.37	146	296	Vertical
3	6944.36	39.66	-42.50	36.09	-62.01	-13.00	49.01	296	89	Vertical
4	8680.45	37.80	-39.46	38.25	-58.67	-13.00	45.67	265	89	Vertical
5	10416.54	32.79	-36.46	38.96	-59.97	-13.00	46.97	284	56	Vertical
6	12152.63	32.07	-35.22	38.75	-59.66	-13.00	46.66	176	231	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
 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