

# Appendix B.2

## LTE Band 2



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](mailto: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	<a href="http://www.sgs.com">www.sgs.com</a>
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号厂房南面	邮编: 215000	t (86-512) 62992980	<a href="mailto:sgs.china@sgs.com">sgs.china@sgs.com</a>

## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.81	24.06	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.80	24.05	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.69	23.94	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.76	23.01	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.52	23.77	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.59	23.84	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.52	23.77	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.58	22.83	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.54	23.79	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.57	23.82	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.54	23.79	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.63	22.88	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.00	23.25	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.12	23.37	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.96	23.21	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.95	22.20	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.92	23.17	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.96	23.21	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.81	23.06	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.75	22.00	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.79	23.04	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.83	23.08	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.89	23.14	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.72	21.97	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.79	24.04	33.00	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 Laboratories

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



Band2	3MHz	QPSK	18615	1RB#8	23.80	24.05	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.81	24.06	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.87	23.12	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.58	23.83	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.61	23.86	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.59	23.84	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.66	22.91	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.60	23.85	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.63	23.88	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.56	23.81	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.69	22.94	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.16	23.41	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.22	23.47	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.05	23.30	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.91	22.16	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.81	23.06	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.85	23.10	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.86	23.11	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.71	21.96	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.94	23.19	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.89	23.14	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.79	23.04	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.76	22.01	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.82	24.07	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.84	24.09	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.85	24.10	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.86	23.11	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.60	23.85	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.61	23.86	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.60	23.85	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.69	22.94	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.56	23.81	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.57	23.82	33.00	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/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

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



Band2	5MHz	QPSK	19175	1RB#24	23.55	23.80	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.67	22.92	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.08	23.33	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.03	23.28	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.02	23.27	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.92	22.17	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.89	23.14	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.93	23.18	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.96	23.21	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.72	21.97	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.84	23.09	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.05	23.30	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.94	23.19	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.71	21.96	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.81	24.06	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.87	24.12	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.68	23.93	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.79	23.04	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.57	23.82	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.69	23.94	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.63	23.88	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.68	22.93	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.66	23.91	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.65	23.90	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.60	23.85	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.79	23.04	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.15	23.40	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.05	23.30	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.92	23.17	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.79	22.04	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.83	23.08	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.92	23.17	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.98	23.23	33.00	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 Laboratories

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



Band2	10MHz	16QAM	18900	50RB#0	21.73	21.98	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.00	23.25	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.91	23.16	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.93	23.18	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.82	22.07	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.82	24.07	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.84	24.09	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.66	23.91	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.79	23.04	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.56	23.81	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.60	23.85	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.64	23.89	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.69	22.94	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.52	23.77	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.61	23.86	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.57	23.82	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.71	22.96	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.07	23.32	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.09	23.34	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.79	23.04	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.80	22.05	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.79	23.04	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.92	23.17	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.88	23.13	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.73	21.98	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.86	23.11	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.86	23.11	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.96	23.21	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.78	22.03	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.79	24.04	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.68	23.93	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.60	23.85	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.82	23.07	33.00	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/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

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

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.: SEWM2304000133RG01

Rev.: 01

Page: 6 of 9

Band2	20MHz	QPSK	18900	1RB#0	23.54	23.79	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.62	23.87	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.58	23.83	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.69	22.94	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.48	23.73	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.63	23.88	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.62	23.87	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.70	22.95	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.97	23.22	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.01	23.26	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.93	23.18	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.79	22.04	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.86	23.11	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.88	23.13	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.73	22.98	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.72	21.97	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.71	22.96	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.83	23.08	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.88	23.13	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.70	21.95	33.00	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 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\_2\_20MHz\_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	2999.4999	24.52	1.62	29.79	-39.33	-13.00	26.33	142	208	Horizontal
2	3930.0465	52.09	-49.07	30.78	-61.46	-13.00	48.46	263	189	Horizontal
3	5408.3704	50.44	-45.87	33.15	-57.54	-13.00	44.54	321	7	Horizontal
4	9031.0516	48.42	-41.79	38.74	-49.89	-13.00	36.89	155	86	Horizontal
5	11923.9462	47.59	-38.08	39.48	-46.27	-13.00	33.27	137	135	Horizontal
6	17991.7496	48.99	-43.99	42.75	-47.51	-13.00	34.51	284	278	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	2995.4994	24.65	1.50	29.75	-39.36	-13.00	26.36	333	191	Vertical
2	3702.0351	53.62	-50.00	30.31	-61.33	-13.00	48.33	196	271	Vertical
3	5553.1277	52.49	-45.47	33.21	-55.03	-13.00	42.03	364	45	Vertical
4	7404.2202	52.10	-44.09	36.79	-50.46	-13.00	37.46	257	321	Vertical
5	11106.4053	49.65	-39.67	39.42	-45.86	-13.00	32.86	339	247	Vertical
6	17987.2494	49.18	-43.88	42.72	-47.24	-13.00	34.24	185	49	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

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

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\_2\_20MHz\_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	2996.7496	24.59	1.54	29.77	-39.36	-13.00	26.36	199	261	Horizontal
2	4263.8132	51.93	-48.58	32.02	-59.89	-13.00	46.89	201	292	Horizontal
3	6776.4388	49.31	-44.53	36.25	-54.23	-13.00	41.23	146	129	Horizontal
4	9048.3024	48.22	-41.86	38.70	-50.20	-13.00	37.20	321	35	Horizontal
5	11887.1944	47.56	-37.97	39.55	-46.12	-13.00	33.12	189	322	Horizontal
6	17919.746	48.45	-42.98	42.32	-47.47	-13.00	34.47	121	2	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	2995.7495	24.99	1.51	29.76	-39.00	-13.00	26.00	356	330	Vertical
2	3741.7871	55.30	-49.47	30.47	-58.96	-13.00	45.96	278	122	Vertical
3	5613.1307	55.26	-45.52	33.37	-52.15	-13.00	39.15	212	216	Vertical
4	7484.4742	58.98	-43.28	36.63	-42.93	-13.00	29.93	148	103	Vertical
5	9355.8178	50.20	-41.58	38.52	-48.12	-13.00	35.12	226	78	Vertical
6	11226.4113	54.58	-39.38	39.67	-40.39	-13.00	27.39	321	83	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

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

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\_2\_20MHz\_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	2997.2497	24.59	1.55	29.77	-39.35	-13.00	26.35	169	142	Horizontal
2	3782.2891	53.80	-49.49	30.50	-60.45	-13.00	47.45	221	84	Horizontal
3	6752.4376	49.25	-44.10	36.20	-53.91	-13.00	40.91	148	286	Horizontal
4	9012.3006	48.21	-41.70	38.78	-49.97	-13.00	36.97	156	257	Horizontal
5	11914.9457	47.32	-37.94	39.49	-46.39	-13.00	33.39	339	44	Horizontal
6	17909.2455	48.95	-42.98	42.26	-47.03	-13.00	34.03	257	262	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	2997.2497	24.51	1.55	29.77	-39.43	-13.00	26.43	344	164	Vertical
2	3782.2891	58.27	-49.49	30.50	-55.98	-13.00	42.98	356	295	Vertical
3	5673.1337	57.71	-44.99	33.39	-49.15	-13.00	36.15	285	221	Vertical
4	7563.9782	56.50	-43.83	36.77	-45.82	-13.00	32.82	321	104	Vertical
5	11346.4173	57.56	-39.25	39.65	-37.30	-13.00	24.30	148	79	Vertical
6	15128.8564	48.33	-39.82	39.74	-47.01	-13.00	34.01	320	153	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

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