

Report No.: SEWM2304000133RG01

Rev.: 01

Page: 1 of 8

# Appendix B.15

## LTE Band 41

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

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  
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号厂房南部 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
Band41	5MHz	QPSK	39675	1RB#0	23.06	23.84	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.12	23.90	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.14	23.92	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.21	22.99	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.93	23.71	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.98	23.76	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.97	23.75	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.95	22.73	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.92	23.70	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.90	23.68	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.89	23.67	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.92	22.70	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.07	22.85	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.10	22.88	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.18	22.96	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.19	21.97	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.01	22.79	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.08	22.86	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.07	22.85	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.98	21.76	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.05	22.83	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.07	22.85	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.05	22.83	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.99	21.77	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.20	23.98	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](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  
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.sgsgroup.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2304000133RG01

Rev.: 01

Page: 3 of 8

Band41	10MHz	QPSK	39700	1RB#24	23.18	23.96	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.15	23.93	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.23	23.01	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.95	23.73	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.97	23.75	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.02	23.80	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.98	22.76	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.93	23.71	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.90	23.68	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.92	23.70	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.91	22.69	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.23	23.01	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.21	22.99	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.19	22.97	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.22	22.00	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.02	22.80	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.09	22.87	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.12	22.90	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.03	21.81	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.10	22.88	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.09	22.87	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.03	22.81	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.02	21.80	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.17	23.95	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.13	23.91	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.16	23.94	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.19	22.97	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.03	23.81	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.01	23.79	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.06	23.84	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.98	22.76	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.91	23.69	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.93	23.71	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**

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号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000133RG01

Rev.: 01

Page: 4 of 8

Band41	15MHz	QPSK	41515	1RB#74	22.89	23.67	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.93	22.71	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.17	22.95	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.15	22.93	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.16	22.94	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.20	21.98	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.09	22.87	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.06	22.84	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.21	22.99	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.07	21.85	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.08	22.86	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.09	22.87	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.07	22.85	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.00	21.78	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.17	23.95	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.14	23.92	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.01	23.79	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.13	22.91	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.01	23.79	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.98	23.76	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.08	23.86	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.00	22.78	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.98	23.76	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.96	23.74	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.92	23.70	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.94	22.72	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.19	22.97	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.12	22.90	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.00	22.78	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.08	21.86	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.01	22.79	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.08	22.86	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.18	22.96	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](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  
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 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Report No.: SEWM2304000133RG01

Rev.: 01

Page: 5 of 8

Band41	20MHz	16QAM	40620	100RB#0	21.07	21.85	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.07	22.85	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.12	22.90	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.10	22.88	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.03	21.81	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-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**

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湖胜路1号的6号厂房南部 邮编: 215000

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

Report No.: SEWM2304000133RG01

Rev.: 01

Page: 6 of 8

## Field Strength of Spurious Radiation

Test Band = LTE\_41\_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	2990.4434	37.97	-16.81	29.70	-44.40	-25.00	19.40	263	0	Horizontal
2	4993.8798	63.03	-46.94	33.11	-46.06	-25.00	21.06	325	339	Horizontal
3	7474.979	49.90	-43.36	36.65	-52.07	-25.00	27.07	149	302	Horizontal
4	9988.4795	49.24	-41.20	38.65	-48.57	-25.00	23.57	226	169	Horizontal
5	11915.1566	47.60	-37.95	39.48	-46.13	-25.00	21.13	332	71	Horizontal
6	14982.4793	47.24	-39.05	39.97	-47.10	-25.00	22.10	189	159	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	2984.8872	38.10	-16.82	29.65	-44.33	-25.00	19.33	278	285	Vertical
2	4994.4798	71.54	-46.94	33.11	-37.55	-25.00	12.55	226	212	Vertical
3	7491.1796	58.00	-43.24	36.62	-43.88	-25.00	18.88	325	277	Vertical
4	9988.4795	59.58	-41.20	38.65	-38.23	-25.00	13.23	324	109	Vertical
5	14982.4793	52.43	-39.05	39.97	-41.91	-25.00	16.91	254	109	Vertical
6	17993.3997	49.97	-44.03	42.76	-46.56	-25.00	21.56	118	157	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-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

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号厂房南面 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: 7 of 8

**Test Band = LTE\_41\_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	2992.4436	38.04	-16.81	29.72	-44.31	-25.00	19.31	263	69	Horizontal
2	5168.4867	66.78	-46.80	33.12	-42.16	-25.00	17.16	221	141	Horizontal
3	8409.8164	49.81	-43.06	37.68	-50.83	-25.00	25.83	178	298	Horizontal
4	11184.9274	48.00	-39.24	39.65	-46.85	-25.00	21.85	398	239	Horizontal
5	13376.215	46.96	-39.18	40.30	-47.18	-25.00	22.18	225	93	Horizontal
6	17917.1967	49.05	-42.98	42.30	-46.89	-25.00	21.89	254	206	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	2997.1108	37.78	-16.80	29.77	-44.51	-25.00	19.51	332	314	Vertical
2	4197.6479	51.87	-48.53	31.48	-60.44	-25.00	35.44	257	136	Vertical
3	5168.4867	72.37	-46.80	33.12	-36.57	-25.00	11.57	148	191	Vertical
4	7752.1901	56.81	-43.50	36.81	-45.14	-25.00	20.14	229	300	Vertical
5	10335.8934	56.72	-40.93	38.66	-40.81	-25.00	15.81	362	49	Vertical
6	15504.5002	50.64	-39.67	39.10	-45.19	-25.00	20.19	254	212	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-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**

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\_41\_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	2994.8883	38.11	-16.80	29.75	-44.20	-25.00	19.20	274	70	Horizontal
2	4033.8414	53.06	-49.28	30.96	-60.52	-25.00	35.52	254	246	Horizontal
3	5341.8937	62.94	-46.23	33.20	-45.35	-25.00	20.35	188	88	Horizontal
4	7471.3789	50.02	-43.38	36.66	-51.96	-25.00	26.96	263	342	Horizontal
5	10684.5074	54.65	-40.58	39.47	-41.72	-25.00	16.72	332	360	Horizontal
6	17994.5998	49.25	-44.06	42.77	-47.30	-25.00	22.30	259	55	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	2994.4438	37.75	-16.80	29.74	-44.57	-25.00	19.57	188	352	Vertical
2	4239.0496	51.67	-48.51	31.97	-60.13	-25.00	35.13	263	290	Vertical
3	5342.4937	72.19	-46.22	33.20	-36.09	-25.00	11.09	332	198	Vertical
4	8013.2005	53.45	-43.34	37.45	-47.70	-25.00	22.70	254	248	Vertical
5	10683.9074	60.89	-40.58	39.47	-35.48	-25.00	10.48	189	56	Vertical
6	13355.8142	50.51	-39.36	40.30	-43.81	-25.00	18.81	263	301	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湖胜路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