

Report No.: SEWM2306000190RG01

Rev.: 01

Page: 1 of 11

# Appendix B.5

## LTE Band 12



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 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

### Effective (Isotropic) Radiated Power Output Data

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.08	21.33	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.14	21.39	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.04	21.29	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.17	20.42	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.36	21.61	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.18	21.43	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.21	21.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.07	20.32	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.54	21.79	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.09	21.34	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.19	21.44	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.15	20.4	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.21	20.46	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.51	20.76	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.15	20.4	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.15	19.4	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.35	20.6	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.26	20.51	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.45	20.7	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.12	19.37	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.16	20.41	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.27	20.52	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.03	20.28	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.19	19.44	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.21	19.46	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.27	19.52	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.09	19.34	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 only and within the limits 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 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: [QN.Doccheck@sgs.com](mailto:QN.Doccheck@sgs.com)



Report No.: SEWM2306000190RG01

Rev.: 01

Page: 3 of 11

Band12	1.4MHz	64QAM	23017	6RB#0	20.1	18.35	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.26	19.51	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.27	19.52	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.12	19.37	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.1	18.35	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.31	19.56	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.3	19.55	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.13	19.38	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.09	18.34	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	18.33	16.58	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	18.29	16.54	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	18	16.25	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	18.02	16.27	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	18.07	16.32	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	18.22	16.47	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	18.21	16.46	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	18.07	16.32	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	18.26	16.51	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	18.15	16.4	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	18.17	16.42	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	18.2	16.45	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.15	21.4	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.2	21.45	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23	21.25	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.11	20.36	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.24	21.49	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.09	21.34	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.02	21.27	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.15	20.4	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.25	21.5	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.1	21.35	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.99	21.24	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 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 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



Band12	3MHz	QPSK	23165	15RB#0	22.11	20.36	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.2	20.45	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.25	20.5	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.25	20.5	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.11	19.36	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.08	20.33	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.19	20.44	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.22	20.47	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.07	19.32	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.22	20.47	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.18	20.43	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.04	20.29	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.08	19.33	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.13	19.38	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.24	19.49	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.11	19.36	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.16	18.41	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.17	19.42	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.24	19.49	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.23	19.48	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.07	18.32	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.3	19.55	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.47	19.72	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.32	19.57	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.08	18.33	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	18.26	16.51	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	18.21	16.46	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	18.12	16.37	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	18.14	16.39	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	18.15	16.4	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	18.25	16.5	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	18.17	16.42	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 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 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



Band12	3MHz	256QAM	23095	15RB#0	18.12	16.37	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	18.14	16.39	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	18.24	16.49	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	18.22	16.47	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	18.12	16.37	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.16	21.41	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.13	21.38	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.16	21.41	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.18	20.43	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.22	21.47	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.13	21.38	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.09	21.34	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.09	20.34	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.41	21.66	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.19	21.44	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.06	21.31	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.02	20.27	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.27	20.52	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.09	20.34	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.04	20.29	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.16	19.41	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.24	20.49	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.27	20.52	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.32	20.57	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.02	19.27	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.27	20.52	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.19	20.44	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.16	20.41	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.13	19.38	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.35	19.6	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.26	19.51	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.32	19.57	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 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)

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.: SEWM2306000190RG01

Rev.: 01

Page: 6 of 11

Band12	5MHz	64QAM	23035	25RB#0	20.13	18.38	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.13	19.38	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.33	19.58	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.42	19.67	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.03	18.28	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.24	19.49	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.32	19.57	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.39	19.64	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.1	18.35	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	18.1	16.35	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	18.28	16.53	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	18.2	16.45	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	18.09	16.34	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	18.11	16.36	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	18.19	16.44	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	18.22	16.47	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	18.15	16.4	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	18.06	16.31	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	18.32	16.57	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	18.3	16.55	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	18.06	16.31	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.14	21.39	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.1	21.35	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.02	21.27	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.24	20.49	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.36	21.61	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.17	21.42	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.05	21.3	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.17	20.42	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.25	21.5	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.14	21.39	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.13	21.38	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 only and within the limits 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 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 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



Band12	10MHz	QPSK	23130	50RB#0	22.18	20.43	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.29	20.54	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.25	20.5	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.24	20.49	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.19	19.44	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.43	20.68	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.31	20.56	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.25	20.5	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.2	19.45	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.28	20.53	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.26	20.51	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.11	20.36	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.2	19.45	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.32	19.57	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.36	19.61	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.08	19.33	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.23	18.48	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.41	19.66	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.21	19.46	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.21	19.46	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.15	18.4	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.4	19.65	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.39	19.64	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.33	19.58	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.17	18.42	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	18.12	16.37	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	18.19	16.44	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	18.26	16.51	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	18.16	16.41	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	18.21	16.46	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	18.27	16.52	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	18.3	16.55	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 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 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.: SEWM2306000190RG01

Rev.: 01

Page: 8 of 11

Band12	10MHz	256QAM	23095	50RB#0	18.07	16.32	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	18.09	16.34	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	18.19	16.44	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	18.3	16.55	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	18.14	16.39	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](mailto:CN.Doccheck@sgs.com)



### Field Strength of Spurious Radiation

Test Band = LTE Band12\_ 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	1399.1800	55.40	-48.00	25.62	-62.24	-13.00	49.24	245	282	Horizontal
2	2098.7700	61.42	-47.71	26.99	-54.57	-13.00	41.57	165	162	Horizontal
3	2798.3600	44.00	-46.92	28.48	-69.70	-13.00	56.70	142	0	Horizontal
4	3497.9500	44.07	-46.54	29.52	-68.21	-13.00	55.21	133	9	Horizontal
5	4197.5400	41.76	-45.96	31.10	-68.36	-13.00	55.36	291	242	Horizontal
6	4904	51.22	-45.59	32.61	-57.02	-13.00	44.02	178	242	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	1399.1800	54.09	-48.00	25.62	-63.55	-13.00	50.55	254	353	Vertical
2	2098.7700	63.38	-47.71	26.99	-52.61	-13.00	39.61	155	306	Vertical
3	2798.3600	43.89	-46.92	28.48	-69.81	-13.00	56.81	165	68	Vertical
4	3497.9500	42.89	-46.54	29.52	-69.39	-13.00	56.39	184	360	Vertical
5	4197.5400	41.56	-45.96	31.10	-68.56	-13.00	55.56	199	360	Vertical
6	4904	46.25	-45.59	32.61	-61.99	-13.00	48.99	173	280	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: [QN.Doccheck@sgs.com](mailto:QN.Doccheck@sgs.com)

**Test Band = LTE Band12\_ 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	1406.1800	56.04	-48.02	25.61	-61.63	-13.00	48.63	222	164	Horizontal
2	2109.1429	61.70	-47.71	27.02	-54.25	-13.00	41.25	152	230	Horizontal
3	2812.3600	44.06	-46.88	28.53	-69.54	-13.00	56.54	145	202	Horizontal
4	3515.4500	42.60	-46.51	29.53	-69.63	-13.00	56.63	135	176	Horizontal
5	4218.5400	42.61	-45.93	31.14	-67.44	-13.00	54.44	162	138	Horizontal
6	4904	51.54	-45.59	32.61	-56.70	-13.00	43.70	109	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	1406.1800	54.15	-48.02	25.61	-63.52	-13.00	50.52	254	359	Vertical
2	2109.1429	65.21	-47.71	27.02	-50.74	-13.00	37.74	156	318	Vertical
3	2812.3600	43.41	-46.88	28.53	-70.19	-13.00	57.19	195	304	Vertical
4	3515.4500	42.88	-46.51	29.53	-69.35	-13.00	56.35	188	359	Vertical
5	4218.5400	42.12	-45.93	31.14	-67.93	-13.00	54.93	142	224	Vertical
6	4904	45.85	-45.59	32.61	-62.39	-13.00	49.39	138	66	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](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 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湖胜路1号的6号厂房南楼 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

**Test Band = LTE Band12\_ 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	1413.1429	59.85	-48.04	25.60	-57.85	-13.00	44.85	245	176	Horizontal
2	2119.7700	61.53	-47.70	27.06	-54.37	-13.00	41.37	195	176	Horizontal
3	2826.3600	43.23	-46.83	28.60	-70.26	-13.00	57.26	142	9	Horizontal
4	3532.9500	42.74	-46.47	29.55	-69.44	-13.00	56.44	163	150	Horizontal
5	4239.5400	42.08	-45.89	31.18	-67.89	-13.00	54.89	256	202	Horizontal
6	4992	53.11	-45.79	32.86	-55.08	-13.00	42.08	191	255	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	1413.1429	57.20	-48.04	25.60	-60.50	-13.00	47.50	248	350	Vertical
2	2119.7700	62.64	-47.70	27.06	-53.26	-13.00	40.26	159	290	Vertical
3	2826.3600	43.22	-46.83	28.60	-70.27	-13.00	57.27	175	224	Vertical
4	3532.9500	42.57	-46.47	29.55	-69.61	-13.00	56.61	142	290	Vertical
5	4239.5400	42.41	-45.89	31.18	-67.56	-13.00	54.56	163	53	Vertical
6	4992	50.68	-45.79	32.86	-57.51	-13.00	44.51	261	276	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 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: [QN.Doccheck@sgs.com](mailto:QN.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湖胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com