



Effective (Isotropic) Radiated Power Output Data For LTE B48

Test Result

Table with 9 columns: Band, Bandwidth, Modulation, Channel, RB Configuration, Result(dBm), EIRP(dBm), Limit(dBm), Verdict. It contains 40 rows of test data for Band 48 with various configurations and modulation schemes.



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 https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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

No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 (86-512) 5735 5888 (86-512) 57370818 www.sgs.com.cn

Member of the SGS Group (SGS SA)



Compliance Certification Services (Kunshan) Inc.

2 of 11

Band48	5MHz	64QAM	55990	1RB#24	17.18	20.12	23	PASS
Band48	5MHz	64QAM	55990	25RB#0	16.04	18.98	23	PASS
Band48	5MHz	64QAM	56715	1RB#0	16.75	19.69	23	PASS
Band48	5MHz	64QAM	56715	1RB#12	16.9	19.84	23	PASS
Band48	5MHz	64QAM	56715	1RB#24	16.82	19.76	23	PASS
Band48	5MHz	64QAM	56715	25RB#0	15.65	18.59	23	PASS
Band48	5MHz	256QAM	55265	1RB#0	14.04	16.98	23	PASS
Band48	5MHz	256QAM	55265	1RB#12	14.13	17.07	23	PASS
Band48	5MHz	256QAM	55265	1RB#24	14.03	16.97	23	PASS
Band48	5MHz	256QAM	55265	25RB#0	14.16	17.1	23	PASS
Band48	5MHz	256QAM	55990	1RB#0	13.9	16.84	23	PASS
Band48	5MHz	256QAM	55990	1RB#12	14.01	16.95	23	PASS
Band48	5MHz	256QAM	55990	1RB#24	13.99	16.93	23	PASS
Band48	5MHz	256QAM	55990	25RB#0	14.06	17	23	PASS
Band48	5MHz	256QAM	56715	1RB#0	13.66	16.6	23	PASS
Band48	5MHz	256QAM	56715	1RB#12	13.73	16.67	23	PASS
Band48	5MHz	256QAM	56715	1RB#24	13.64	16.58	23	PASS
Band48	5MHz	256QAM	56715	25RB#0	13.67	16.61	23	PASS
Band48	10MHz	QPSK	55290	1RB#0	19.07	22.01	23	PASS
Band48	10MHz	QPSK	55290	1RB#24	19.09	22.03	23	PASS
Band48	10MHz	QPSK	55290	1RB#49	19.06	22	23	PASS
Band48	10MHz	QPSK	55290	50RB#0	18.15	21.09	23	PASS
Band48	10MHz	QPSK	55990	1RB#0	19.2	22.14	23	PASS
Band48	10MHz	QPSK	55990	1RB#24	19.1	22.04	23	PASS
Band48	10MHz	QPSK	55990	1RB#49	19.09	22.03	23	PASS
Band48	10MHz	QPSK	55990	50RB#0	18.06	21	23	PASS
Band48	10MHz	QPSK	56690	1RB#0	19.16	22.1	23	PASS
Band48	10MHz	QPSK	56690	1RB#24	18.7	21.64	23	PASS
Band48	10MHz	QPSK	56690	1RB#49	18.68	21.62	23	PASS
Band48	10MHz	QPSK	56690	50RB#0	17.63	20.57	23	PASS
Band48	10MHz	16QAM	55290	1RB#0	18.11	21.05	23	PASS
Band48	10MHz	16QAM	55290	1RB#24	18.09	21.03	23	PASS
Band48	10MHz	16QAM	55290	1RB#49	18.04	20.98	23	PASS
Band48	10MHz	16QAM	55290	50RB#0	17.14	20.08	23	PASS
Band48	10MHz	16QAM	55990	1RB#0	18	20.94	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

3 of 11

Band48	10MHz	16QAM	55990	1RB#24	18.08	21.02	23	PASS
Band48	10MHz	16QAM	55990	1RB#49	18.03	20.97	23	PASS
Band48	10MHz	16QAM	55990	50RB#0	17.05	19.99	23	PASS
Band48	10MHz	16QAM	56690	1RB#0	17.63	20.57	23	PASS
Band48	10MHz	16QAM	56690	1RB#24	17.6	20.54	23	PASS
Band48	10MHz	16QAM	56690	1RB#49	17.69	20.63	23	PASS
Band48	10MHz	16QAM	56690	50RB#0	16.65	19.59	23	PASS
Band48	10MHz	64QAM	55290	1RB#0	17.21	20.15	23	PASS
Band48	10MHz	64QAM	55290	1RB#24	17.29	20.23	23	PASS
Band48	10MHz	64QAM	55290	1RB#49	17.14	20.08	23	PASS
Band48	10MHz	64QAM	55290	50RB#0	16.13	19.07	23	PASS
Band48	10MHz	64QAM	55990	1RB#0	17.14	20.08	23	PASS
Band48	10MHz	64QAM	55990	1RB#24	17.15	20.09	23	PASS
Band48	10MHz	64QAM	55990	1RB#49	17.2	20.14	23	PASS
Band48	10MHz	64QAM	55990	50RB#0	16.03	18.97	23	PASS
Band48	10MHz	64QAM	56690	1RB#0	16.59	19.53	23	PASS
Band48	10MHz	64QAM	56690	1RB#24	16.73	19.67	23	PASS
Band48	10MHz	64QAM	56690	1RB#49	16.83	19.77	23	PASS
Band48	10MHz	64QAM	56690	50RB#0	15.63	18.57	23	PASS
Band48	10MHz	256QAM	55290	1RB#0	14.03	16.97	23	PASS
Band48	10MHz	256QAM	55290	1RB#24	14.01	16.95	23	PASS
Band48	10MHz	256QAM	55290	1RB#49	13.95	16.89	23	PASS
Band48	10MHz	256QAM	55290	50RB#0	14.15	17.09	23	PASS
Band48	10MHz	256QAM	55990	1RB#0	13.86	16.8	23	PASS
Band48	10MHz	256QAM	55990	1RB#24	14.04	16.98	23	PASS
Band48	10MHz	256QAM	55990	1RB#49	14.17	17.11	23	PASS
Band48	10MHz	256QAM	55990	50RB#0	14.08	17.02	23	PASS
Band48	10MHz	256QAM	56690	1RB#0	13.57	16.51	23	PASS
Band48	10MHz	256QAM	56690	1RB#24	13.66	16.6	23	PASS
Band48	10MHz	256QAM	56690	1RB#49	13.6	16.54	23	PASS
Band48	10MHz	256QAM	56690	50RB#0	13.67	16.61	23	PASS
Band48	15MHz	QPSK	55315	1RB#0	18.9	21.84	23	PASS
Band48	15MHz	QPSK	55315	1RB#38	18.94	21.88	23	PASS
Band48	15MHz	QPSK	55315	1RB#74	18.9	21.84	23	PASS
Band48	15MHz	QPSK	55315	75RB#0	18.05	20.99	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Band48	15MHz	QPSK	55990	1RB#0	19.3	22.24	23	PASS
Band48	15MHz	QPSK	55990	1RB#38	18.98	21.92	23	PASS
Band48	15MHz	QPSK	55990	1RB#74	18.94	21.88	23	PASS
Band48	15MHz	QPSK	55990	75RB#0	17.95	20.89	23	PASS
Band48	15MHz	QPSK	56665	1RB#0	19.1	22.04	23	PASS
Band48	15MHz	QPSK	56665	1RB#38	18.52	21.46	23	PASS
Band48	15MHz	QPSK	56665	1RB#74	18.49	21.43	23	PASS
Band48	15MHz	QPSK	56665	75RB#0	17.63	20.57	23	PASS
Band48	15MHz	16QAM	55315	1RB#0	17.76	20.7	23	PASS
Band48	15MHz	16QAM	55315	1RB#38	17.91	20.85	23	PASS
Band48	15MHz	16QAM	55315	1RB#74	17.93	20.87	23	PASS
Band48	15MHz	16QAM	55315	75RB#0	17.05	19.99	23	PASS
Band48	15MHz	16QAM	55990	1RB#0	17.87	20.81	23	PASS
Band48	15MHz	16QAM	55990	1RB#38	17.99	20.93	23	PASS
Band48	15MHz	16QAM	55990	1RB#74	17.93	20.87	23	PASS
Band48	15MHz	16QAM	55990	75RB#0	16.94	19.88	23	PASS
Band48	15MHz	16QAM	56665	1RB#0	17.38	20.32	23	PASS
Band48	15MHz	16QAM	56665	1RB#38	17.55	20.49	23	PASS
Band48	15MHz	16QAM	56665	1RB#74	17.56	20.5	23	PASS
Band48	15MHz	16QAM	56665	75RB#0	16.57	19.51	23	PASS
Band48	15MHz	64QAM	55315	1RB#0	16.97	19.91	23	PASS
Band48	15MHz	64QAM	55315	1RB#38	16.99	19.93	23	PASS
Band48	15MHz	64QAM	55315	1RB#74	16.98	19.92	23	PASS
Band48	15MHz	64QAM	55315	75RB#0	16.05	18.99	23	PASS
Band48	15MHz	64QAM	55990	1RB#0	16.93	19.87	23	PASS
Band48	15MHz	64QAM	55990	1RB#38	17.12	20.06	23	PASS
Band48	15MHz	64QAM	55990	1RB#74	17.09	20.03	23	PASS
Band48	15MHz	64QAM	55990	75RB#0	15.94	18.88	23	PASS
Band48	15MHz	64QAM	56665	1RB#0	16.48	19.42	23	PASS
Band48	15MHz	64QAM	56665	1RB#38	16.59	19.53	23	PASS
Band48	15MHz	64QAM	56665	1RB#74	16.61	19.55	23	PASS
Band48	15MHz	64QAM	56665	75RB#0	15.58	18.52	23	PASS
Band48	15MHz	256QAM	55315	1RB#0	13.72	16.66	23	PASS
Band48	15MHz	256QAM	55315	1RB#38	13.86	16.8	23	PASS
Band48	15MHz	256QAM	55315	1RB#74	14.01	16.95	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t:(86-512)57355888 f:(86-512)57370818 www.sgsgroup.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t:(86-512)57355888 f:(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

5 of 11

Band48	15MHz	256QAM	55315	75RB#0	14.01	16.95	23	PASS
Band48	15MHz	256QAM	55990	1RB#0	13.73	16.67	23	PASS
Band48	15MHz	256QAM	55990	1RB#38	13.9	16.84	23	PASS
Band48	15MHz	256QAM	55990	1RB#74	14.07	17.01	23	PASS
Band48	15MHz	256QAM	55990	75RB#0	13.98	16.92	23	PASS
Band48	15MHz	256QAM	56665	1RB#0	13.42	16.36	23	PASS
Band48	15MHz	256QAM	56665	1RB#38	13.52	16.46	23	PASS
Band48	15MHz	256QAM	56665	1RB#74	13.63	16.57	23	PASS
Band48	15MHz	256QAM	56665	75RB#0	13.63	16.57	23	PASS
Band48	20MHz	QPSK	55340	1RB#0	18.86	21.8	23	PASS
Band48	20MHz	QPSK	55340	1RB#49	18.92	21.86	23	PASS
Band48	20MHz	QPSK	55340	1RB#99	18.9	21.84	23	PASS
Band48	20MHz	QPSK	55340	100RB#0	18.07	21.01	23	PASS
Band48	20MHz	QPSK	55990	1RB#0	19.41	22.35	23	PASS
Band48	20MHz	QPSK	55990	1RB#49	18.98	21.92	23	PASS
Band48	20MHz	QPSK	55990	1RB#99	19.01	21.95	23	PASS
Band48	20MHz	QPSK	55990	100RB#0	17.96	20.9	23	PASS
Band48	20MHz	QPSK	56640	1RB#0	19.25	22.19	23	PASS
Band48	20MHz	QPSK	56640	1RB#49	18.5	21.44	23	PASS
Band48	20MHz	QPSK	56640	1RB#99	18.5	21.44	23	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.59	20.53	23	PASS
Band48	20MHz	16QAM	55340	1RB#0	17.81	20.75	23	PASS
Band48	20MHz	16QAM	55340	1RB#49	17.91	20.85	23	PASS
Band48	20MHz	16QAM	55340	1RB#99	17.87	20.81	23	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.05	19.99	23	PASS
Band48	20MHz	16QAM	55990	1RB#0	17.74	20.68	23	PASS
Band48	20MHz	16QAM	55990	1RB#49	17.79	20.73	23	PASS
Band48	20MHz	16QAM	55990	1RB#99	17.95	20.89	23	PASS
Band48	20MHz	16QAM	55990	100RB#0	16.93	19.87	23	PASS
Band48	20MHz	16QAM	56640	1RB#0	17.41	20.35	23	PASS
Band48	20MHz	16QAM	56640	1RB#49	17.45	20.39	23	PASS
Band48	20MHz	16QAM	56640	1RB#99	17.49	20.43	23	PASS
Band48	20MHz	16QAM	56640	100RB#0	16.6	19.54	23	PASS
Band48	20MHz	64QAM	55340	1RB#0	16.95	19.89	23	PASS
Band48	20MHz	64QAM	55340	1RB#49	16.99	19.93	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)5735 5888 f(86-512)57370818 www.sgsgroup.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

6 of 11

Band48	20MHz	64QAM	55340	1RB#99	16.91	19.85	23	PASS
Band48	20MHz	64QAM	55340	100RB#0	16.06	19	23	PASS
Band48	20MHz	64QAM	55990	1RB#0	16.78	19.72	23	PASS
Band48	20MHz	64QAM	55990	1RB#49	17.03	19.97	23	PASS
Band48	20MHz	64QAM	55990	1RB#99	17.02	19.96	23	PASS
Band48	20MHz	64QAM	55990	100RB#0	15.94	18.88	23	PASS
Band48	20MHz	64QAM	56640	1RB#0	16.45	19.39	23	PASS
Band48	20MHz	64QAM	56640	1RB#49	16.6	19.54	23	PASS
Band48	20MHz	64QAM	56640	1RB#99	16.64	19.58	23	PASS
Band48	20MHz	64QAM	56640	100RB#0	15.58	18.52	23	PASS
Band48	20MHz	256QAM	55340	1RB#0	13.92	16.86	23	PASS
Band48	20MHz	256QAM	55340	1RB#49	13.9	16.84	23	PASS
Band48	20MHz	256QAM	55340	1RB#99	14.01	16.95	23	PASS
Band48	20MHz	256QAM	55340	100RB#0	14.05	16.99	23	PASS
Band48	20MHz	256QAM	55990	1RB#0	13.8	16.74	23	PASS
Band48	20MHz	256QAM	55990	1RB#49	13.87	16.81	23	PASS
Band48	20MHz	256QAM	55990	1RB#99	13.96	16.9	23	PASS
Band48	20MHz	256QAM	55990	100RB#0	13.96	16.9	23	PASS
Band48	20MHz	256QAM	56640	1RB#0	13.37	16.31	23	PASS
Band48	20MHz	256QAM	56640	1RB#49	13.43	16.37	23	PASS
Band48	20MHz	256QAM	56640	1RB#99	13.61	16.55	23	PASS
Band48	20MHz	256QAM	56640	100RB#0	13.6	16.54	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com



Effective (Isotropic) Radiated Power Output Data For LTE B48C

Test Result

Table with 9 columns: Band, Bandwidth, Modulation, Channel, RB Configuration, Result(dBm), EIRP(dBm), Limit(dBm), Verdict. It contains 40 rows of test data for various LTE B48C configurations, all showing 'PASS' results.



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 https://www.sgs.com/en/Terms-and-Conditions. 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 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	17.34	20.28	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	1RB#0-0RB#0	17.94	20.88	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	16.79	19.73	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	1RB#0-0RB#0	17.79	20.73	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	16.79	19.73	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	1RB#0-0RB#0	17.5	20.44	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	16.34	19.28	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	1RB#0-0RB#0	17.01	19.95	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	75RB#0-100RB#0	16.81	19.75	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	1RB#0-0RB#0	16.87	19.81	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	75RB#0-100RB#0	16.74	19.68	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	1RB#0-0RB#0	16.63	19.57	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	75RB#0-100RB#0	16.3	19.24	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	1RB#0-0RB#0	13.92	16.86	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	75RB#0-100RB#0	14.82	17.76	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	1RB#0-0RB#0	13.79	16.73	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	75RB#0-100RB#0	14.76	17.7	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	1RB#0-0RB#0	13.49	16.43	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	75RB#0-100RB#0	14.38	17.32	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	17.7	20.64	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	1RB#0-0RB#0	18.93	21.87	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	100RB#0-50RB#0	17.72	20.66	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	1RB#0-0RB#0	18.99	21.93	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	17.32	20.26	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	1RB#0-0RB#0	18.61	21.55	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	16.74	19.68	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	1RB#0-0RB#0	17.85	20.79	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	100RB#0-50RB#0	16.71	19.65	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	1RB#0-0RB#0	17.87	20.81	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	16.37	19.31	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	1RB#0-0RB#0	17.62	20.56	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	100RB#0-50RB#0	16.74	19.68	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	1RB#0-0RB#0	17	19.94	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	100RB#0-50RB#0	16.71	19.65	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	1RB#0-0RB#0	17.09	20.03	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

9 of 11

48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	100RB#0-50RB#0	16.34	19.28	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	1RB#0-0RB#0	16.77	19.71	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	100RB#0-50RB#0	14.74	17.68	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	1RB#0-0RB#0	13.97	16.91	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	100RB#0-50RB#0	14.75	17.69	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	1RB#0-0RB#0	13.92	16.86	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	100RB#0-50RB#0	14.34	17.28	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	1RB#0-0RB#0	13.74	16.68	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	17.78	20.72	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	1RB#0-0RB#0	18.92	21.86	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	17.75	20.69	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	1RB#0-0RB#0	18.85	21.79	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	17.33	20.27	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	1RB#0-0RB#0	18.65	21.59	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	16.75	19.69	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	1RB#0-0RB#0	17.81	20.75	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	16.77	19.71	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	1RB#0-0RB#0	17.87	20.81	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	16.34	19.28	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	1RB#0-0RB#0	17.57	20.51	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	100RB#0-75RB#0	16.76	19.7	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	1RB#0-0RB#0	17.04	19.98	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	100RB#0-75RB#0	16.75	19.69	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	1RB#0-0RB#0	16.9	19.84	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	100RB#0-75RB#0	16.31	19.25	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	1RB#0-0RB#0	16.75	19.69	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	100RB#0-75RB#0	14.77	17.71	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	1RB#0-0RB#0	13.93	16.87	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	100RB#0-75RB#0	14.75	17.69	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	1RB#0-0RB#0	13.89	16.83	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	100RB#0-75RB#0	14.35	17.29	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	1RB#0-0RB#0	13.62	16.56	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	17.76	20.7	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-0RB#0	19.09	22.03	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	17.7	20.64	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-0RB#0	18.82	21.76	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	17.31	20.25	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-0RB#0	18.54	21.48	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	16.77	19.71	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	1RB#0-0RB#0	18.03	20.97	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	16.72	19.66	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	1RB#0-0RB#0	17.81	20.75	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	16.32	19.26	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	1RB#0-0RB#0	17.52	20.46	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	16.81	19.75	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	1RB#0-0RB#0	17.2	20.14	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	16.71	19.65	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	1RB#0-0RB#0	16.87	19.81	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	16.31	19.25	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	1RB#0-0RB#0	16.61	19.55	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	14.8	17.74	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	1RB#0-0RB#0	14.15	17.09	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	14.75	17.69	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	1RB#0-0RB#0	13.89	16.83	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	14.33	17.27	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	1RB#0-0RB#0	13.53	16.47	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	17.71	20.65	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	1RB#0-0RB#0	18.95	21.89	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	17.73	20.67	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	1RB#0-0RB#0	18.88	21.82	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	17.28	20.22	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	1RB#0-0RB#0	18.57	21.51	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	16.77	19.71	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	1RB#0-0RB#0	17.94	20.88	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	16.73	19.67	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	1RB#0-0RB#0	17.88	20.82	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	16.3	19.24	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	1RB#0-0RB#0	17.49	20.43	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	100RB#0-25RB#0	16.78	19.72	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	1RB#0-0RB#0	17.04	19.98	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	100RB#0-25RB#0	16.73	19.67	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	1RB#0-0RB#0	17	19.94	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	100RB#0-25RB#0	16.28	19.22	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	1RB#0-0RB#0	16.71	19.65	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	100RB#0-25RB#0	14.82	17.76	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	1RB#0-0RB#0	13.92	16.86	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	100RB#0-25RB#0	14.73	17.67	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	1RB#0-0RB#0	13.83	16.77	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	100RB#0-25RB#0	14.31	17.25	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	1RB#0-0RB#0	13.67	16.61	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	1RB#0-0RB#0	19.11	22.05	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	17.74	20.68	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	1RB#0-0RB#0	19.01	21.95	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	17.72	20.66	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	1RB#0-0RB#0	18.65	21.59	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	17.31	20.25	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	1RB#0-0RB#0	18.11	21.05	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	16.74	19.68	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	1RB#0-0RB#0	17.73	20.67	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	16.71	19.65	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	1RB#0-0RB#0	17.55	20.49	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	16.32	19.26	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	1RB#0-0RB#0	17.23	20.17	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	16.75	19.69	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	1RB#0-0RB#0	17.07	20.01	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	16.75	19.69	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	1RB#0-0RB#0	16.76	19.7	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	25RB#0-100RB#0	16.25	19.19	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	1RB#0-0RB#0	14.11	17.05	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	25RB#0-100RB#0	14.74	17.68	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	1RB#0-0RB#0	13.86	16.8	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	25RB#0-100RB#0	14.76	17.7	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	1RB#0-0RB#0	13.71	16.65	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	25RB#0-100RB#0	14.25	17.19	23	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China 215300 t:(86-512)57355888 f:(86-512)57370818 www.sgs.com.cn
 中国·江苏·昆山开发区伟业路10号 邮编: 215300 t:(86-512)57355888 f:(86-512)57370818 sgs.china@sgs.com