



Appendix B

E-UTRA Band 2



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER.....	3
1.1.	TEST RESULT.....	3
2.	FIELD STRENGTH OF SPURIOUS RADIATION.....	11
2.1.	TEST MODE =LTE/TM1 20MHZ.....	11
2.1.1.	TEST CHANNEL = LCH.....	11
2.1.2.	TEST CHANNEL = MCH.....	11
2.1.3.	TEST CHANNEL = HCH.....	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

1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	23.06	25.06	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.02	25.02	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.07	25.07	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.01	25.01	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.06	25.06	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.17	25.17	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.17	24.17	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.15	25.15	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.05	25.05	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.09	25.09	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.00	25.00	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.20	25.20	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.00	25.00	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.18	24.18	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.44	25.44	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.28	25.28	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.08	25.08	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.34	25.34	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.22	25.22	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.23	25.23	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.29	24.29	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.16	24.16	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.23	24.23	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.06	24.06	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.26	24.26	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.14	24.14	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.02	24.02	33	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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	1.4MHz	16QAM	18607	6RB#0	21.22	23.22	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.20	24.20	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.04	24.04	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.05	24.05	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.13	24.13	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.09	24.09	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.08	24.08	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.28	23.28	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.04	24.04	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.20	24.20	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.02	24.02	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.14	24.14	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.04	24.04	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.19	24.19	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.41	23.41	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.02	25.02	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.01	25.01	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.04	25.04	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.06	24.06	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.11	24.11	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.20	24.20	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.10	24.10	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.06	25.06	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.01	25.01	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.04	25.04	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.10	24.10	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.23	24.23	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.02	24.02	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.18	24.18	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.39	25.39	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.28	25.28	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.07	25.07	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.36	24.36	33	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CSTC) Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	3MHz	QPSK	19185	8RB#4	22.24	24.24	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.25	24.25	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.24	24.24	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.09	24.09	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.16	24.16	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.06	24.06	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.28	23.28	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.20	23.20	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.03	23.03	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.14	23.14	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.19	24.19	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.04	24.04	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.02	24.02	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.19	23.19	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.12	23.12	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.17	23.17	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.20	23.20	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.06	24.06	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.10	24.10	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.02	24.02	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.18	23.18	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.04	23.04	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.29	23.29	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.35	23.35	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.01	25.01	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.06	25.06	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.03	25.03	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.05	24.05	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.04	24.04	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.10	24.10	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.02	24.02	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.10	25.10	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.04	25.04	33	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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	5MHz	QPSK	18900	1RB#12	23.08	25.08	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.10	24.10	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.20	24.20	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.02	24.02	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.12	24.12	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.36	25.36	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.19	25.19	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.04	25.04	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.28	24.28	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.21	24.21	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.16	24.16	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.14	24.14	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.02	24.02	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.14	24.14	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.04	24.04	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.21	23.21	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.16	23.16	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.09	23.09	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.14	23.14	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.13	24.13	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.03	24.03	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.01	24.01	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.14	23.14	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.09	23.09	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.07	23.07	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.18	23.18	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.08	24.08	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.06	24.06	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.04	24.04	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.11	23.11	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.03	23.03	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.27	23.27	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.30	23.30	33	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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	10MHz	QPSK	18650	1RB#0	23.07	25.07	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.10	25.10	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.06	25.06	33	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.12	24.12	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.15	24.15	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.00	24.00	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.13	24.13	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.01	25.01	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.13	25.13	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.06	25.06	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.20	24.20	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.19	24.19	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.11	24.11	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.22	24.22	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.26	25.26	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.12	25.12	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.02	25.02	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.39	24.39	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.26	24.26	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.14	24.14	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.27	24.27	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.21	24.21	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.23	24.23	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.00	24.00	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.17	23.17	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.23	23.23	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.07	23.07	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.25	23.25	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.05	24.05	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.45	24.45	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.09	24.09	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.12	23.12	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.38	23.38	33	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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CSTC) Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	10MHz	16QAM	18900	25RB#25	21.08	23.08	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.25	23.25	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.37	24.37	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.24	24.24	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.02	24.02	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.45	23.45	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.52	23.52	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.44	23.44	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.33	23.33	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.01	25.01	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.09	25.09	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.23	25.23	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.21	24.21	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.00	24.00	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.07	24.07	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.11	24.11	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.17	25.17	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.08	25.08	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.17	25.17	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.12	24.12	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.19	24.19	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.18	24.18	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.16	24.16	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.21	25.21	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.31	25.31	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.03	25.03	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.38	24.38	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.38	24.38	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.21	24.21	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.40	24.40	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.04	24.04	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.06	24.06	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.08	24.08	33	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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	15MHz	16QAM	18675	36RB#0	21.11	23.11	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.08	23.08	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.16	23.16	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.27	23.27	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.01	24.01	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.49	24.49	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.02	24.02	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.23	23.23	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.23	23.23	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.08	23.08	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.24	23.24	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.32	24.32	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.11	24.11	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.04	24.04	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.44	23.44	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.49	23.49	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.37	23.37	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.37	23.37	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.14	25.14	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.04	25.04	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.34	25.34	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.09	24.09	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.19	24.19	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.19	24.19	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.18	24.18	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.24	25.24	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.25	25.25	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.09	25.09	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.29	24.29	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.22	24.22	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.17	24.17	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.28	24.28	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.30	25.30	33	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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band2	20MHz	QPSK	19100	1RB#0	23.44	25.44	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.03	25.03	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.41	24.41	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.45	24.45	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.43	24.43	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.33	24.33	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.04	24.04	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.03	24.03	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.08	24.08	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.13	23.13	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.28	23.28	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.22	23.22	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.23	23.23	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.35	24.35	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.50	24.50	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.03	24.03	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.30	23.30	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.32	23.32	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.22	23.22	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.20	23.20	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.02	24.02	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.43	24.43	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.06	24.06	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.39	23.39	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.58	23.58	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.39	23.39	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.53	23.53	33	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2. Field Strength of Spurious Radiation

2.1. Test Mode =LTE/TM1 20MHz

2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.150000	-75.42	-13.00	62.42	Vertical
196.650000	-61.62	-13.00	48.62	Vertical
360.750000	-62.23	-13.00	49.23	Vertical
3093.925000	-46.13	-13.00	33.13	Vertical
3702.000000	-40.18	-13.00	27.18	Vertical
11106.475000	-52.83	-13.00	39.83	Vertical
56.150000	-75.42	-13.00	62.42	Horizontal
196.650000	-61.62	-13.00	48.62	Horizontal
360.750000	-62.23	-13.00	49.23	Horizontal
3093.925000	-46.13	-13.00	33.13	Horizontal
3702.000000	-40.18	-13.00	27.18	Horizontal
11106.475000	-52.83	-13.00	39.83	Horizontal

2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.900000	-75.86	-13.00	62.86	Vertical
136.950000	-71.93	-13.00	58.93	Vertical
262.650000	-61.22	-13.00	48.22	Vertical
3741.975000	-38.64	-13.00	25.64	Vertical
4363.050000	-50.61	-13.00	37.61	Vertical
11226.400000	-58.12	-13.00	45.12	Vertical
56.050000	-75.83	-13.00	62.83	Horizontal
197.550000	-60.36	-13.00	47.36	Horizontal
354.950000	-62.27	-13.00	49.27	Horizontal
3120.250000	-46.33	-13.00	33.33	Horizontal
3741.975000	-38.41	-13.00	25.41	Horizontal
11226.725000	-51.45	-13.00	38.45	Horizontal



2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.550000	-76.45	-13.00	63.45	Vertical
139.000000	-71.50	-13.00	58.50	Vertical
263.650000	-61.73	-13.00	48.73	Vertical
3120.250000	-55.60	-13.00	42.60	Vertical
3781.950000	-39.61	-13.00	26.61	Vertical
11346.650000	-57.89	-13.00	44.89	Vertical
63.350000	-75.09	-13.00	62.09	Horizontal
197.050000	-61.55	-13.00	48.55	Horizontal
356.400000	-62.28	-13.00	49.28	Horizontal
3120.250000	-48.77	-13.00	35.77	Horizontal
3781.950000	-39.77	-13.00	26.77	Horizontal
11346.650000	-51.53	-13.00	38.53	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

The End



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Testing Center EEC Laboratory. No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com