



Appendix B

E-UTRA Band 7



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 E-UTRA 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



CONTENT

1. EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1. TEST RESULT FOR DOWN ANTENNA	4
1.2. TEST RESULT FOR UP ANTENNA	10
2. PEAK-TO-AVERAGE RATIO(CCDF)	18
2.1. TEST RESULT	18
2.2. TEST PLOTS	18
3. MODULATION CHARACTERISTICS.....	23
3.1. TEST BAND = LTE BAND 7.....	23
3.2. TEST MODE = LTE /TM1 20MHZ.....	23
3.2.1. TEST CHANNEL = MCH	23
3.3. TEST MODE = LTE /TM2 20MHZ.....	24
3.3.1. TEST CHANNEL = MCH	24
3.4. TEST MODE = LTE /TM3 20MHZ.....	25
3.4.1. TEST CHANNEL = MCH	25
4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....	26
4.1. TEST RESULT	26
4.2. TEST PLOTS	27
5. BAND EDGE COMPLIANCE.....	45
5.1. TEST PLOTS	45
6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....	69
6.1. TEST PLOTS	69
7. FIELD STRENGTH OF SPURIOUS RADIATION	78
7.1. TEST BAND = LTE BAND 7.....	78
7.1.1. TEST MODE =LTE/TM1 (DOWN ANT)	78
7.1.1.1. TEST CHANNEL = LCH_ VERTICAL	78
7.1.1.2. TEST CHANNEL = LCH_ HORIZONTAL	79
7.1.1.3. TEST CHANNEL = MCH_ VERTICAL	80
7.1.1.4. TEST CHANNEL = MCH_ HORIZONTAL.....	81



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) 83071443, or email: CN.Doccheck@sgs.com

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



7.1.1.5.	TEST CHANNEL = HCH_ VERTICAL	82
7.1.1.6.	TEST CHANNEL = HCH_ HORIZONTAL.....	83
7.1.2.	TEST MODE =LTE/TM1 (UP ANT)	84
7.1.2.1.	TEST CHANNEL = LCH_ VERTICAL	84
7.1.2.2.	TEST CHANNEL = LCH_ HORIZONTAL	85
7.1.2.3.	TEST CHANNEL = MCH_ VERTICAL	86
7.1.2.4.	TEST CHANNEL = MCH_ HORIZONTAL.....	87
7.1.2.5.	TEST CHANNEL = HCH_ VERTICAL	88
7.1.2.6.	TEST CHANNEL = HCH_ HORIZONTAL.....	89

8. FREQUENCY STABILITY.....90

8.1.	FREQUENCY VS VOLTAGE.....	90
8.2.	FREQUENCY VS TEMPERATURE.....	91



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 for Down Antenna

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.58	24.69	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.57	24.68	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.65	24.76	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.76	23.87	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.77	23.88	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.74	23.85	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.75	23.86	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.58	24.69	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.65	24.76	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.65	24.76	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.73	23.84	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.74	23.85	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.65	23.76	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.73	23.84	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.54	24.65	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.48	24.59	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.70	24.81	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.80	23.91	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.74	23.85	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.60	23.71	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.77	23.88	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.85	22.96	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.82	22.93	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.83	22.94	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.99	22.10	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.84	21.95	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	19.85	21.96	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	19.99	22.10	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.01	23.12	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.94	23.05	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.02	23.13	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.05	22.16	33.00	PASS



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

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



Band7	5MHz	64QAM	21100	12RB#6	19.93	22.04	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.17	22.28	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.15	22.26	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.20	23.31	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.88	22.99	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.85	22.96	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	19.89	22.00	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.12	22.23	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.98	22.09	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.12	22.23	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.71	23.82	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.58	23.69	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.87	23.98	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.71	22.82	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.71	22.82	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.80	22.91	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.69	22.80	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.71	23.82	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.78	23.89	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.78	23.89	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.71	22.82	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.70	22.81	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.60	22.71	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.67	22.78	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.84	23.95	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.61	23.72	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.81	23.92	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.77	22.88	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.68	22.79	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.79	22.90	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.69	22.80	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.62	24.73	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.39	24.50	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.69	24.80	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.55	23.66	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.57	23.68	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.70	23.81	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.78	23.89	33.00	PASS



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

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



Band7	10MHz	QPSK	21100	1RB#0	22.64	24.75	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.55	24.66	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.74	24.85	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.55	23.66	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.68	23.79	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.64	23.75	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.66	23.77	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.71	24.82	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.55	24.66	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.64	24.75	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.80	23.91	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.64	23.75	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.67	23.78	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.71	23.82	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.13	23.24	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.03	23.14	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.14	23.25	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	20.13	22.24	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	19.93	22.04	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.95	22.06	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.03	22.14	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.06	23.17	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	20.85	22.96	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.17	23.28	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.16	22.27	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.94	22.05	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.07	22.18	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.08	22.19	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.08	23.19	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.84	22.95	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.83	22.94	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.81	21.92	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.90	22.01	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.06	22.17	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.90	22.01	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.77	23.88	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.72	23.83	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.81	23.92	33.00	PASS



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

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



Band7	10MHz	16QAM	20800	25RB#0	20.51	22.62	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.48	22.59	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.61	22.72	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.70	22.81	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.76	23.87	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.64	23.75	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.89	24.00	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.50	22.61	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.61	22.72	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.57	22.68	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.61	22.72	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.85	23.96	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.69	23.80	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.83	23.94	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.75	22.86	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.59	22.70	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.63	22.74	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.68	22.79	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.60	24.71	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.59	24.70	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.65	24.76	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	21.61	23.72	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	21.63	23.74	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	21.61	23.72	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.68	23.79	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.73	24.84	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.68	24.79	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.88	24.99	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	21.79	23.90	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	21.70	23.81	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	21.69	23.80	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.72	23.83	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.66	24.77	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.79	24.90	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.72	24.83	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	21.68	23.79	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	21.70	23.81	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	21.75	23.86	33.00	PASS



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

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



Band7	15MHz	QPSK	21375	75RB#0	21.61	23.72	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.04	23.15	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.86	22.97	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.01	23.12	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	19.85	21.96	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	20.06	22.17	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	20.06	22.17	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.14	22.25	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.10	23.21	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.18	23.29	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.18	23.29	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#0	20.07	22.18	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#18	19.81	21.92	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	20.18	22.29	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.96	22.07	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.14	23.25	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	20.95	23.06	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.81	22.92	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	20.07	22.18	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	20.17	22.28	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	19.82	21.93	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.86	21.97	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.82	23.93	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.68	23.79	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.78	23.89	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	20.54	22.65	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	20.54	22.65	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	20.51	22.62	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.57	22.68	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.82	23.93	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.88	23.99	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.95	24.06	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	20.72	22.83	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#18	20.74	22.85	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	20.72	22.83	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.76	22.87	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.86	23.97	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.90	24.01	33.00	PASS



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

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



Band7	15MHz	16QAM	21375	1RB#74	21.80	23.91	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	20.63	22.74	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	20.64	22.75	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	20.69	22.80	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.56	22.67	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.85	24.96	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.45	24.56	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.87	24.98	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.70	23.81	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.73	23.84	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.83	23.94	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.78	23.89	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.79	24.90	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.52	24.63	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.95	25.06	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.77	23.88	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.69	23.80	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.74	23.85	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.63	23.74	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.96	25.07	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.61	24.72	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.90	25.01	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.89	24.00	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.70	23.81	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.70	23.81	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.69	23.80	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.13	23.24	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.96	23.07	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	20.81	22.92	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.10	22.21	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.84	21.95	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.16	22.27	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.97	22.08	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.00	23.11	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.05	23.16	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.90	23.01	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.15	22.26	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.14	22.25	33.00	PASS



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

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



Band7	20MHz	64QAM	21100	50RB#50	20.12	22.23	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.97	22.08	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.98	23.09	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.00	23.11	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	20.84	22.95	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.01	22.12	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.00	22.11	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.05	22.16	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.11	22.22	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.96	24.07	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.61	23.72	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.95	24.06	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.62	22.73	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.66	22.77	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.82	22.93	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.68	22.79	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.95	24.06	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.65	23.76	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.06	24.17	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.74	22.85	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.63	22.74	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.66	22.77	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.76	22.87	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.01	24.12	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.70	23.81	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.13	24.24	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.81	22.92	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.61	22.72	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.64	22.75	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.62	22.73	33.00	PASS

1.2. Test Result for Up Antenna

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	19.17	18.28	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	18.93	18.04	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	19.05	18.16	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.08	18.19	33.00	PASS



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

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



Band7	5MHz	QPSK	20775	12RB#6	19.00	18.11	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	19.00	18.11	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.09	18.20	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	18.81	17.92	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	18.79	17.90	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	19.01	18.12	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	18.95	18.06	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	18.85	17.96	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	18.97	18.08	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	18.98	18.09	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	18.87	17.98	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	18.95	18.06	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	19.05	18.16	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.05	18.16	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.06	18.17	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	19.00	18.11	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	18.97	18.08	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	19.09	18.20	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	18.99	18.10	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	19.06	18.17	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	18.98	18.09	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	18.90	18.01	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	18.91	18.02	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	18.97	18.08	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	18.94	18.05	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	18.84	17.95	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	19.12	18.23	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	18.78	17.89	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	18.77	17.88	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	18.72	17.83	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	18.82	17.93	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	19.15	18.26	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	18.88	17.99	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	19.15	18.26	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	18.98	18.09	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	18.98	18.09	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	18.80	17.91	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	18.82	17.93	33.00	PASS



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

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



Band7	5MHz	16QAM	20775	1RB#0	19.15	18.26	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	18.91	18.02	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.05	18.16	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	18.99	18.10	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	18.91	18.02	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	18.91	18.02	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.00	18.11	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	18.91	18.02	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	18.82	17.93	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.05	18.16	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	18.86	17.97	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	18.78	17.89	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	18.80	17.91	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	18.89	18.00	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	19.21	18.32	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	18.82	17.93	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	19.20	18.31	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	18.99	18.10	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	18.93	18.04	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	18.82	17.93	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	18.80	17.91	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	19.01	18.12	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	18.77	17.88	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	19.00	18.11	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.01	18.12	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.04	18.15	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	18.97	18.08	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	18.98	18.09	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	19.03	18.14	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	18.65	17.76	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	18.99	18.10	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	18.86	17.97	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	18.83	17.94	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	18.88	17.99	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	19.00	18.11	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	18.94	18.05	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	18.87	17.98	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	19.03	18.14	33.00	PASS



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

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



Band7	10MHz	QPSK	21400	25RB#0	19.06	18.17	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	19.00	18.11	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	19.08	18.19	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.01	18.12	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	19.03	18.14	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	19.05	18.16	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	19.08	18.19	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	18.90	18.01	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	18.94	18.05	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	18.87	17.98	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	18.88	17.99	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	19.17	18.28	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	18.74	17.85	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	19.11	18.22	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	18.73	17.84	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	18.75	17.86	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	18.87	17.98	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	18.92	18.03	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	19.01	18.12	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	18.84	17.95	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	19.03	18.14	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	18.85	17.96	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	18.81	17.92	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	18.93	18.04	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	18.96	18.07	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	19.00	18.11	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	18.89	18.00	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	18.98	18.09	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	18.91	18.02	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	18.95	18.06	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	18.88	17.99	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	18.87	17.98	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	19.10	18.21	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	18.65	17.76	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	19.17	18.28	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	18.78	17.89	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	18.73	17.84	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	18.73	17.84	33.00	PASS



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

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



Band7	10MHz	16QAM	21100	50RB#0	18.89	18.00	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	19.04	18.15	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	18.83	17.94	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	18.96	18.07	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	18.91	18.02	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	18.83	17.94	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	18.96	18.07	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	18.93	18.04	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	18.93	18.04	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	19.01	18.12	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	18.97	18.08	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	19.13	18.24	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	19.02	18.13	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	18.95	18.06	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	18.97	18.08	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	18.94	18.05	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	19.03	18.14	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	18.87	17.98	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	19.04	18.15	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	18.98	18.09	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	18.95	18.06	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	18.84	17.95	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	19.10	18.21	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	18.88	17.99	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	18.90	18.01	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	18.87	17.98	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	19.03	18.14	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	19.08	18.19	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.04	18.15	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	19.05	18.16	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	19.02	18.13	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	19.03	18.14	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	19.01	18.12	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	18.92	18.03	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	18.84	17.95	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	18.86	17.97	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	19.05	18.16	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	19.04	18.15	33.00	PASS



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

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



Band7	15MHz	64QAM	21100	1RB#74	18.99	18.10	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#0	18.91	18.02	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#18	18.79	17.90	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	18.69	17.80	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	18.76	17.87	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	19.17	18.28	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	19.14	18.25	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	18.95	18.06	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	18.96	18.07	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	18.87	17.98	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	18.84	17.95	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	18.83	17.94	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	19.08	18.19	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	19.02	18.13	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	18.93	18.04	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	19.04	18.15	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	18.95	18.06	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	18.87	17.98	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	18.86	17.97	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	19.00	18.11	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	18.99	18.10	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	18.82	17.93	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	18.95	18.06	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#18	18.88	17.99	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	18.77	17.88	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	18.73	17.84	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	19.14	18.25	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	18.93	18.04	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	18.87	17.98	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	18.76	17.87	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	18.92	18.03	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	18.89	18.00	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	18.87	17.98	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	19.10	18.21	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	18.63	17.74	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	18.93	18.04	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.09	18.20	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	18.91	18.02	33.00	PASS



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

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



Band7	20MHz	QPSK	20850	50RB#50	18.87	17.98	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.06	18.17	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	19.12	18.23	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	18.64	17.75	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	18.99	18.10	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	19.03	18.14	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	18.96	18.07	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	18.95	18.06	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.86	17.97	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	19.22	18.33	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	18.74	17.85	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	19.19	18.30	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	19.10	18.21	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	18.86	17.97	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	19.03	18.14	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	19.11	18.22	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	19.24	18.35	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	19.01	18.12	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	19.23	18.34	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.00	18.11	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	18.83	17.94	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	18.76	17.87	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.01	18.12	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	19.14	18.25	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	18.68	17.79	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	19.06	18.17	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	18.94	18.05	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	18.79	17.90	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	18.70	17.81	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	18.77	17.88	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	19.17	18.28	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	18.71	17.82	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	19.11	18.22	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	18.87	17.98	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	18.77	17.88	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	18.78	17.89	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	18.99	18.10	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	19.11	18.22	33.00	PASS



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

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



Band7	20MHz	16QAM	20850	1RB#49	18.84	17.95	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	19.09	18.20	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.99	18.10	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	18.80	17.91	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.74	17.85	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.01	18.12	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	19.08	18.19	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	18.65	17.76	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	19.05	18.16	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	18.86	17.97	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	18.83	17.94	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	18.77	17.88	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.75	17.86	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	19.24	18.35	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	18.76	17.87	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	19.20	18.31	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	18.86	17.97	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	18.70	17.81	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	18.82	17.93	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.00	18.11	33.00	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.

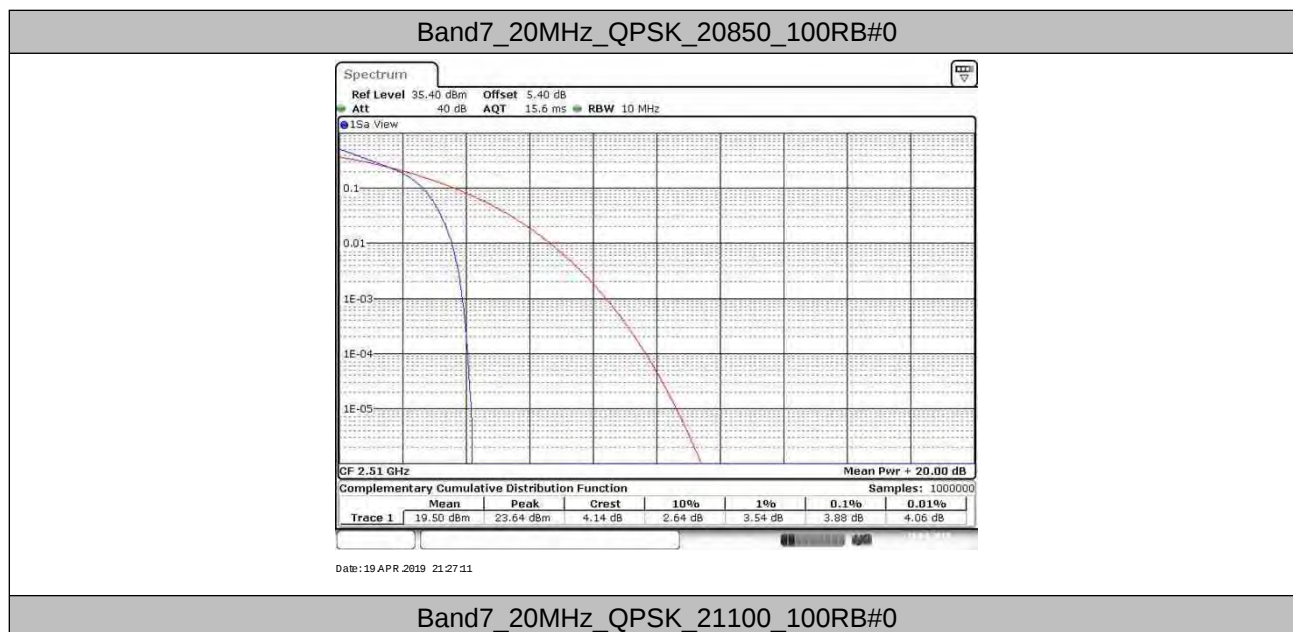
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 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

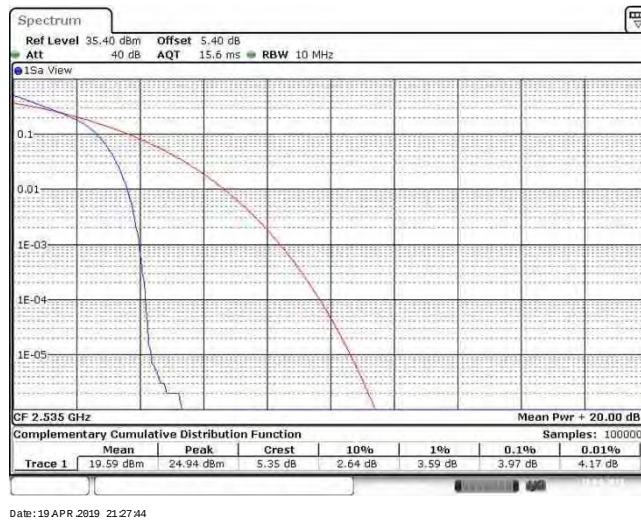
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	3.88	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	3.97	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	3.86	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	5.65	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	5.65	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.68	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.65	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.65	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.68	13	PASS

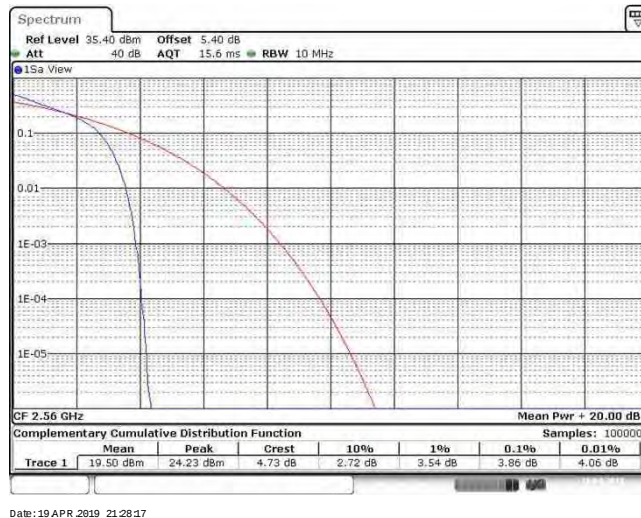
2.2. Test Plots





Date: 19 APR 2019 21:27:44

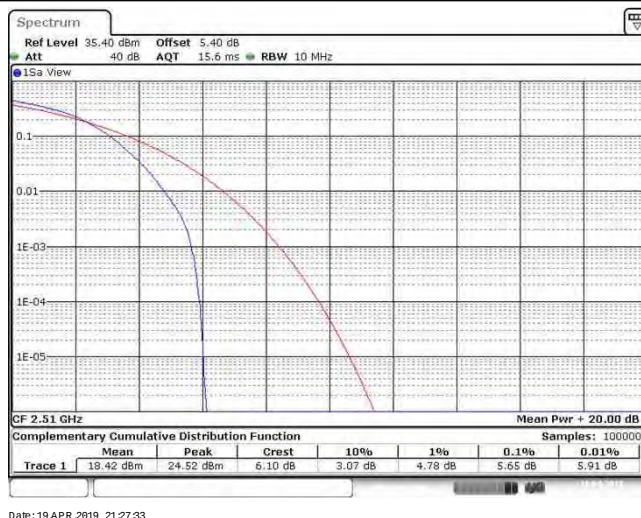
Band7_20MHz_QPSK_21350_100RB#0



Date: 19 APR 2019 21:28:17

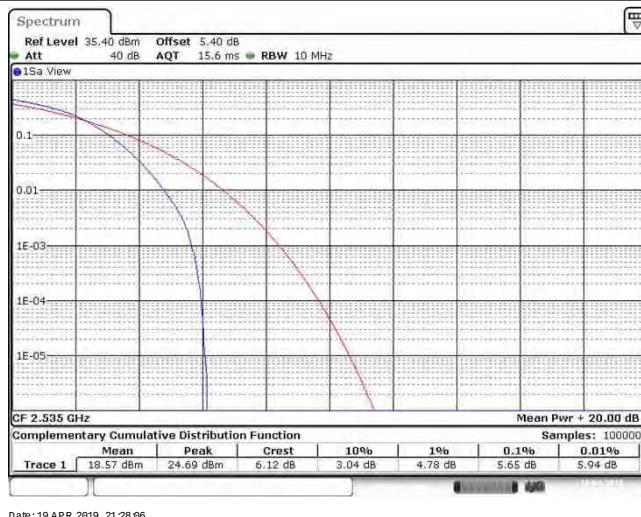
Band7_20MHz_64QAM_20850_100RB#0





Date: 19 APR 2019 21:27:33

Band7_20MHz_64QAM_21100_100RB#0



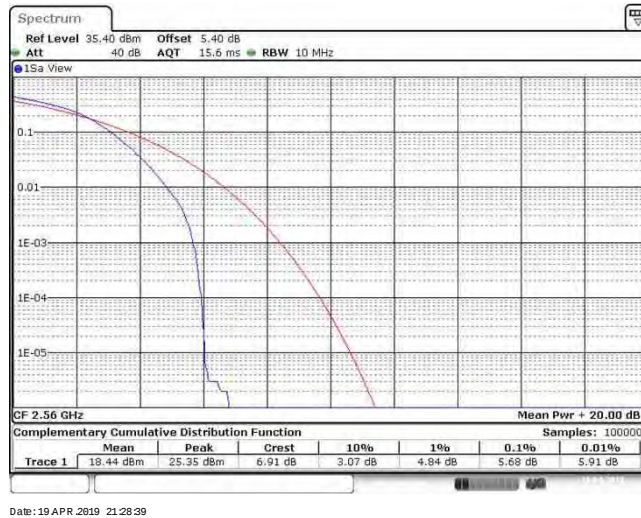
Date: 19 APR 2019 21:28:06

Band7_20MHz_64QAM_21350_100RB#0



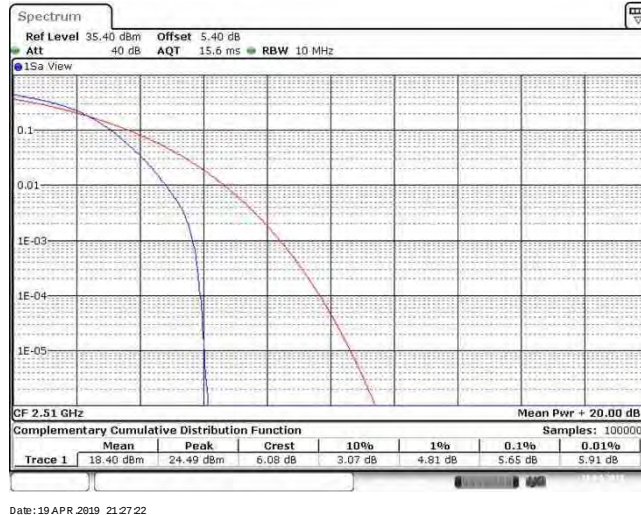
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:28:39

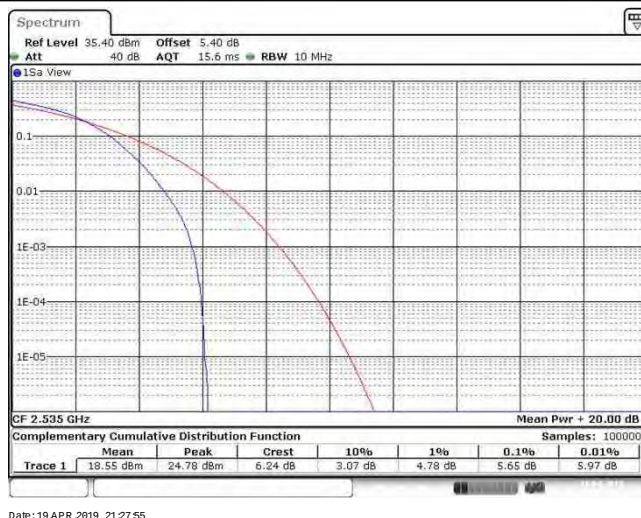
Band7_20MHz_16QAM_20850_100RB#0



Date: 19 APR 2019 21:27:22

Band7_20MHz_16QAM_21100_100RB#0





Date: 19 APR 2019 21:27:55

Band7_20MHz_16QAM_21350_100RB#0



Date: 19 APR 2019 21:28:28



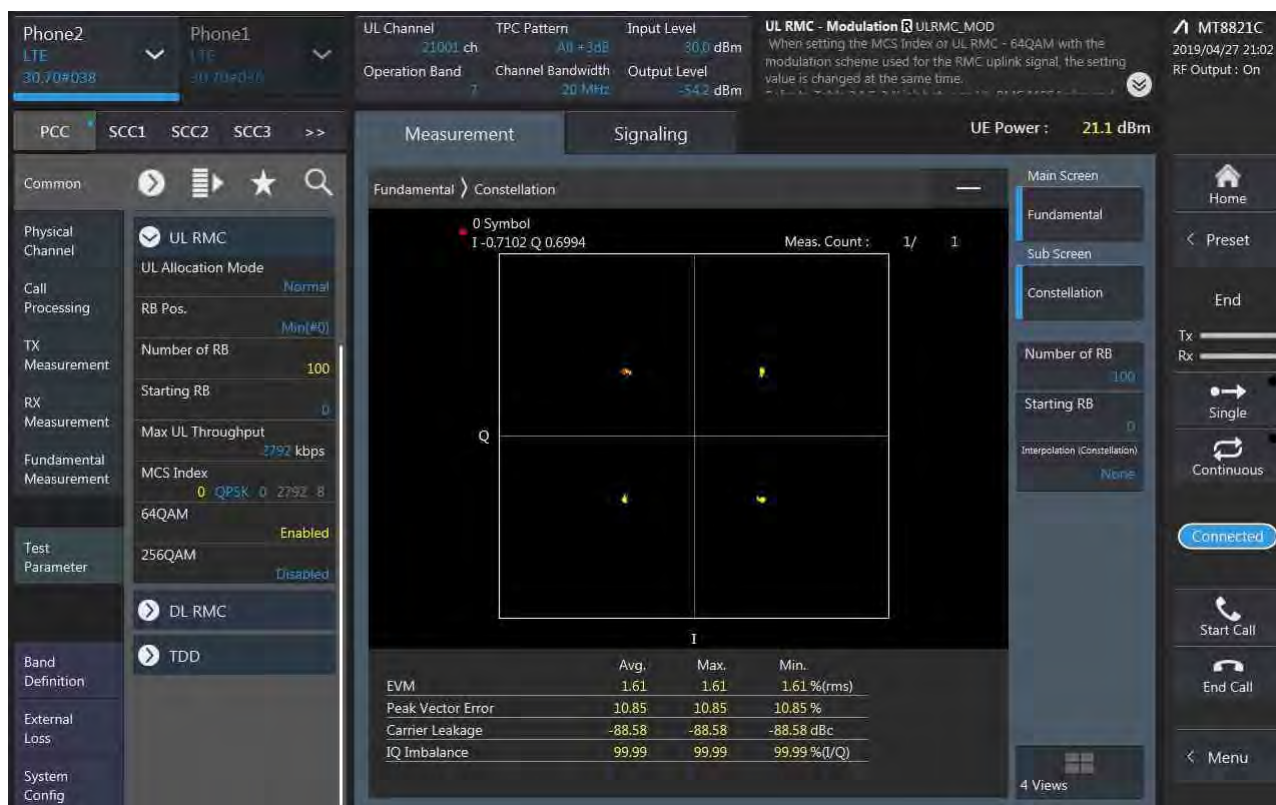


3. Modulation Characteristics

3.1. Test BAND = LTE Band 7

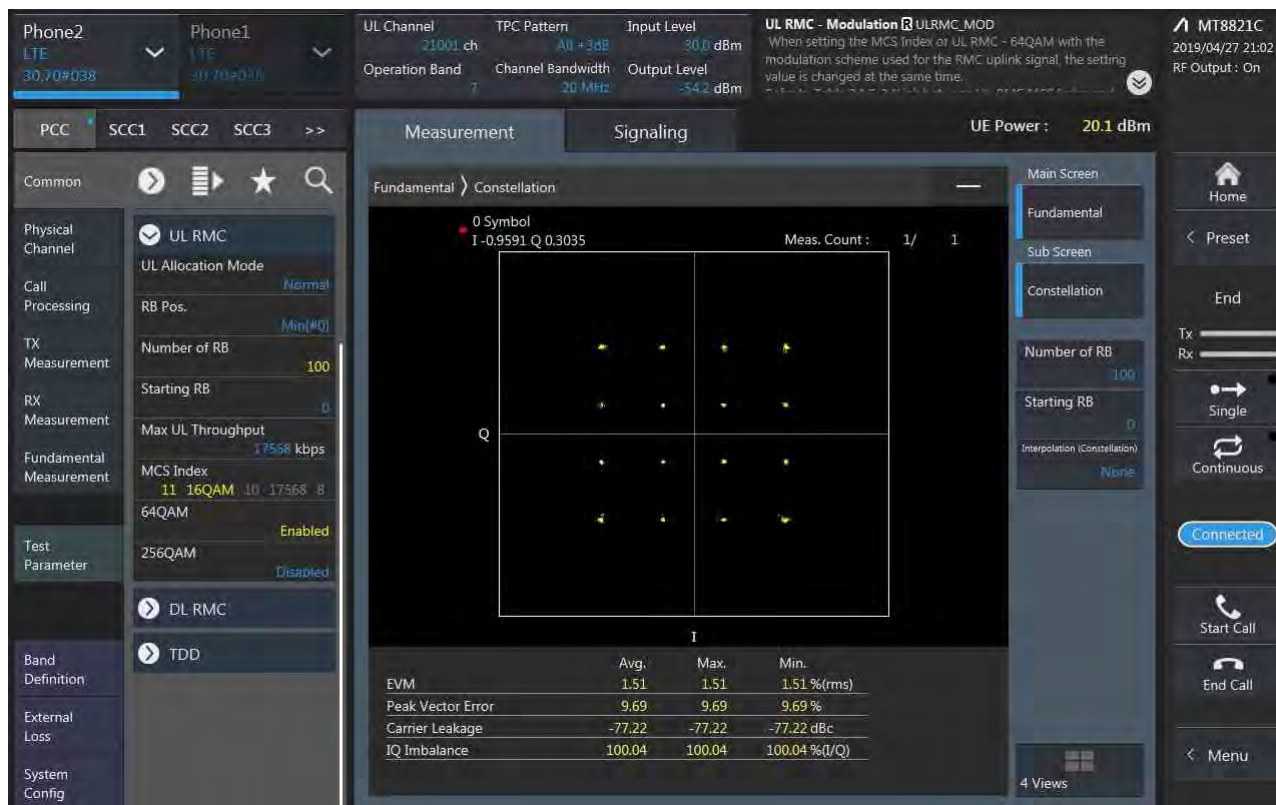
3.2. Test Mode = LTE /TM1 20MHz

3.2.1. Test Channel = MCH



3.3. Test Mode = LTE /TM2 20MHz

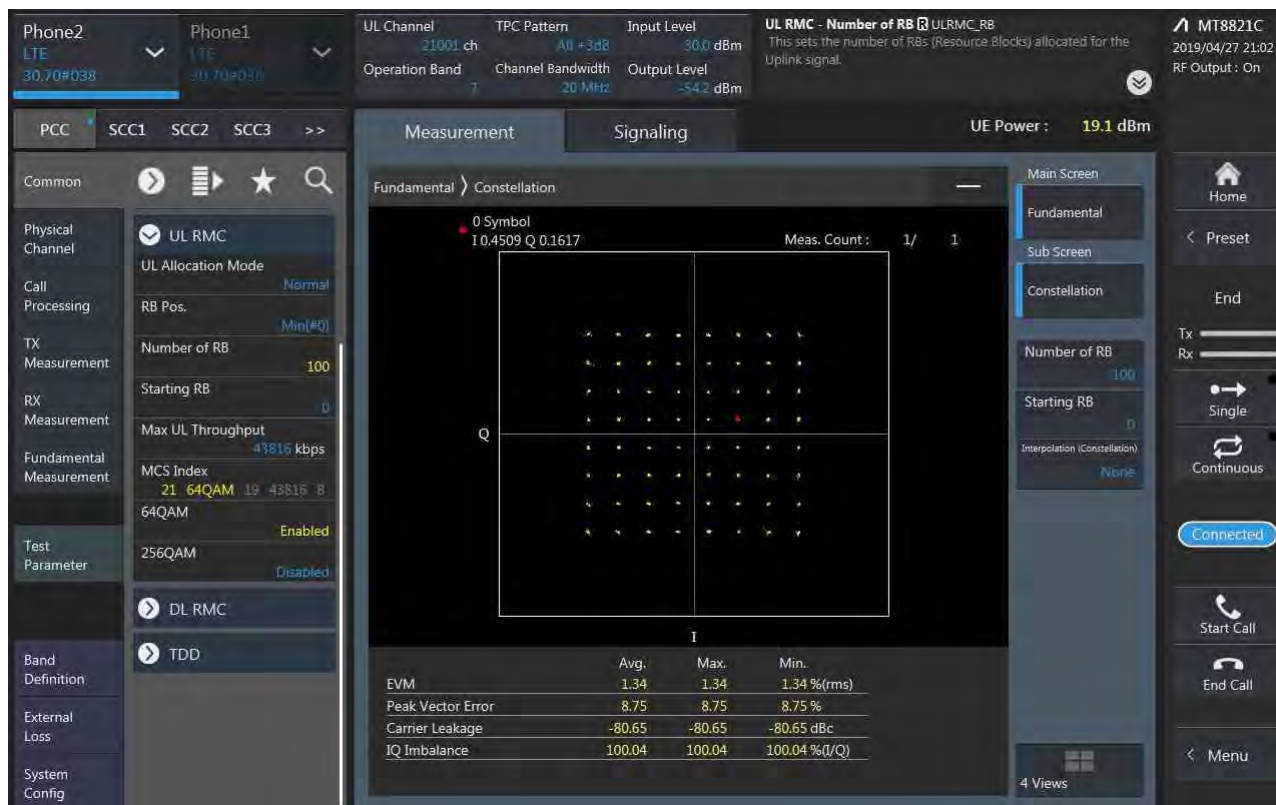
3.3.1. Test Channel = MCH





3.4. Test Mode = LTE /TM3 20MHz

3.4.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.476	4.890	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.466	4.890	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.456	4.910	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.910	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.890	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.476	4.940	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.476	4.920	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.476	4.910	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.951	9.820	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.800	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.951	9.840	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.951	9.800	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.951	9.800	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.931	9.780	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.951	9.800	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.951	9.840	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.951	9.800	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.516	15.030	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.516	15.030	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.487	15.000	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.546	15.120	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.516	15.120	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.516	15.120	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.516	15.060	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.516	15.120	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	15.060	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.942	19.840	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.942	19.760	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.902	19.640	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.982	19.760	PASS



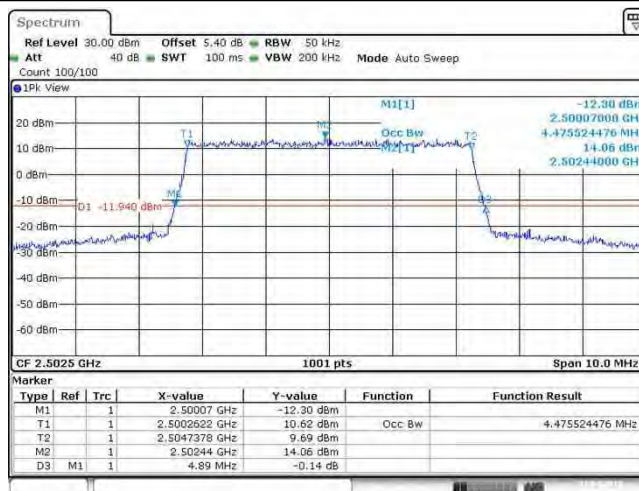
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.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

Band7	20MHz	64QAM	21100	100RB#0	18.022	19.840	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.902	19.840	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.942	19.800	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.982	19.800	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.862	19.720	PASS

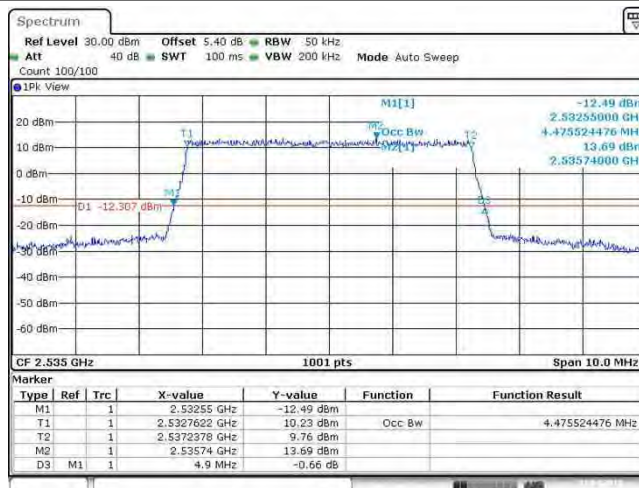
4.2. Test Plots

Band7_5MHz_QPSK_20775_25RB#0



Date: 19 APR 2019 20:53:36

Band7_5MHz_QPSK_21100_25RB#0



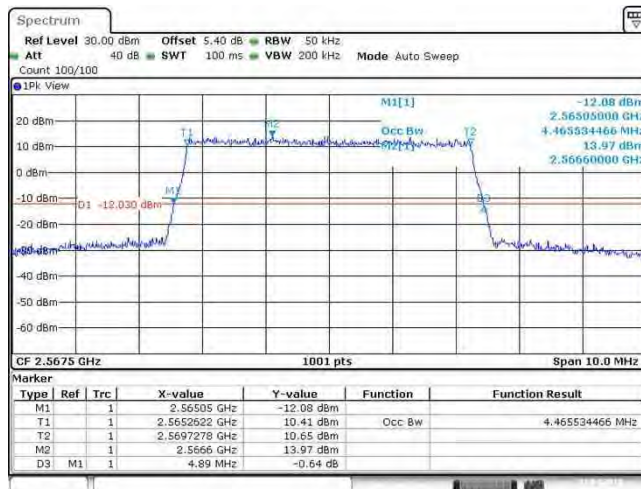
Date: 19 APR 2019 20:54:34

Band7_5MHz_QPSK_21425_25RB#0



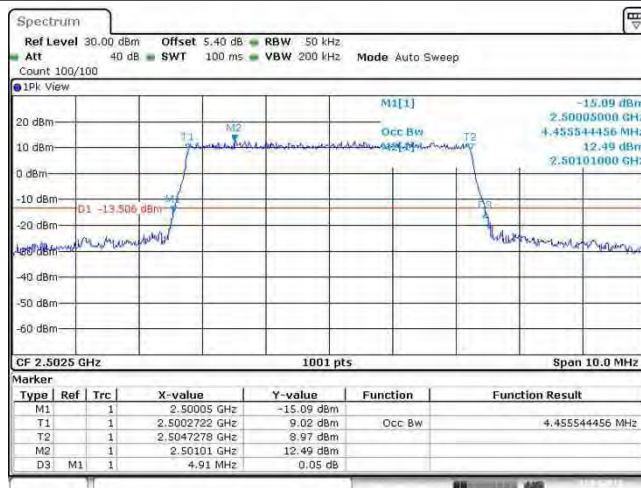
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 20:55:33

Band7_5MHz_64QAM_20775_25RB#0



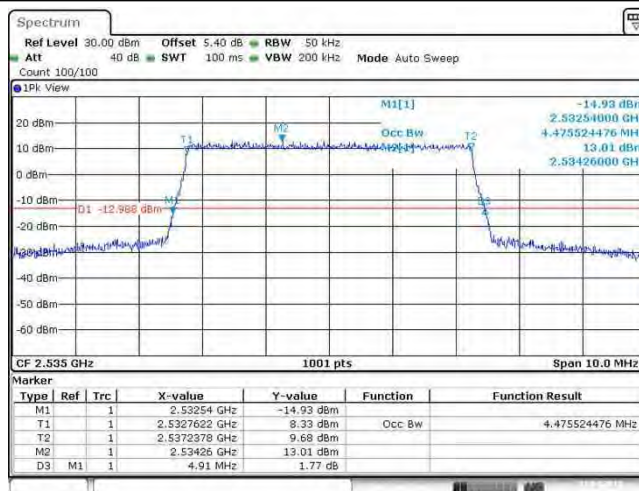
Date: 19 APR 2019 20:54:15

Band7_5MHz_64QAM_21100_25RB#0



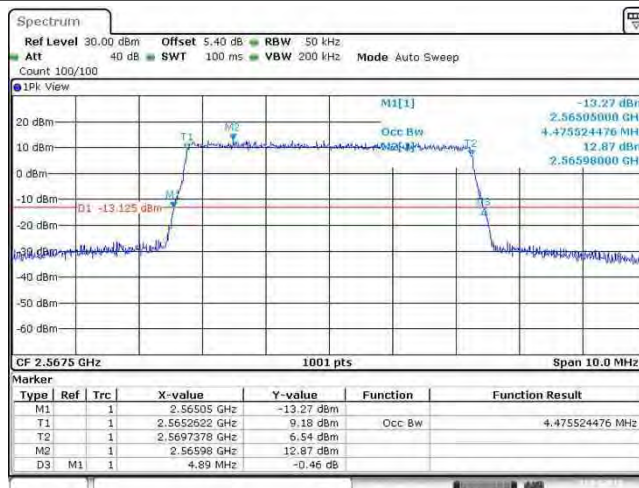
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 20:55:13

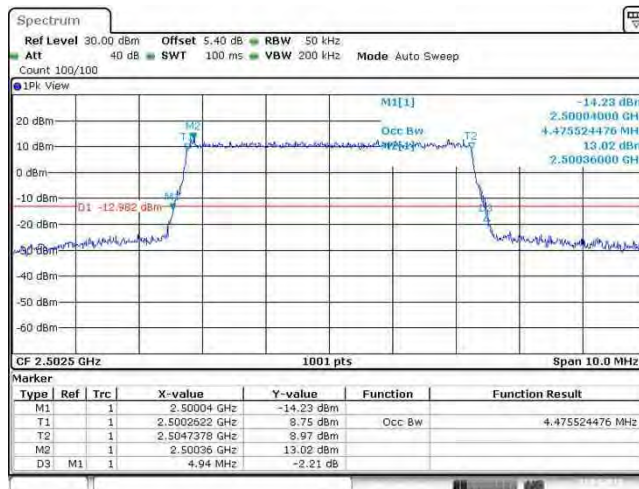
Band7_5MHz_64QAM_21425_25RB#0



Date: 19 APR 2019 20:56:12

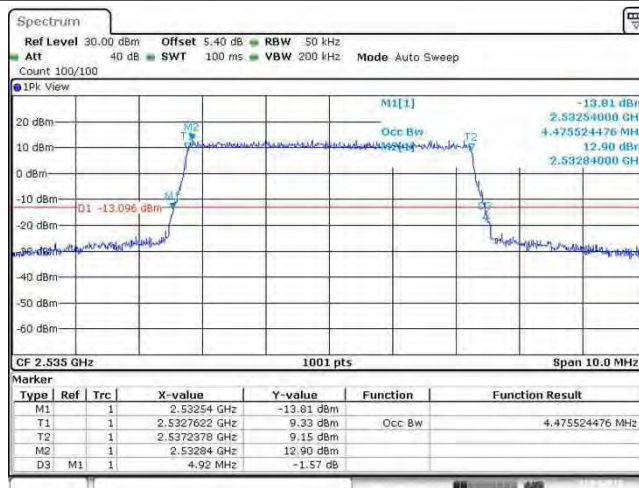
Band7_5MHz_16QAM_20775_25RB#0





Date: 19 APR 2019 20:53:55

Band7_5MHz_16QAM_21100_25RB#0



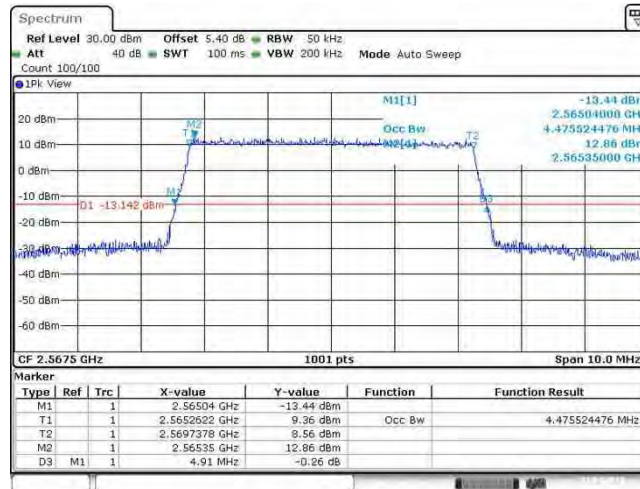
Date: 19 APR 2019 20:54:54

Band7_5MHz_16QAM_21425_25RB#0



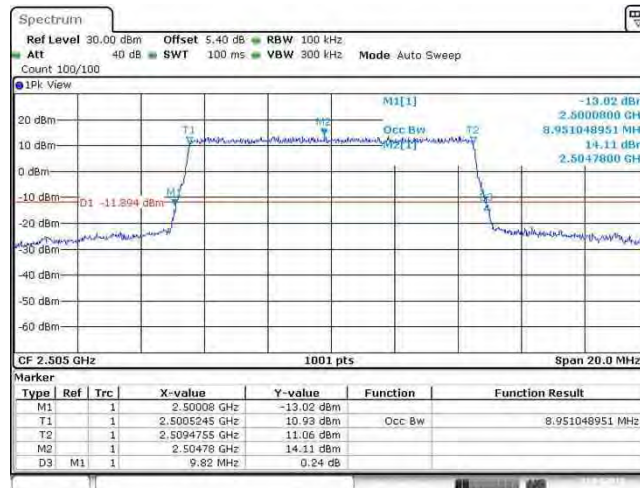
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 20:55:53

Band7_10MHz_QPSK_20800_50RB#0



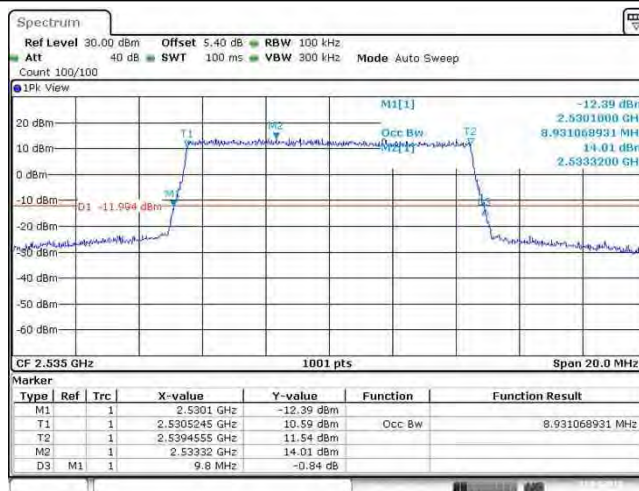
Date: 19 APR 2019 20:56:34

Band7_10MHz_QPSK_21100_50RB#0



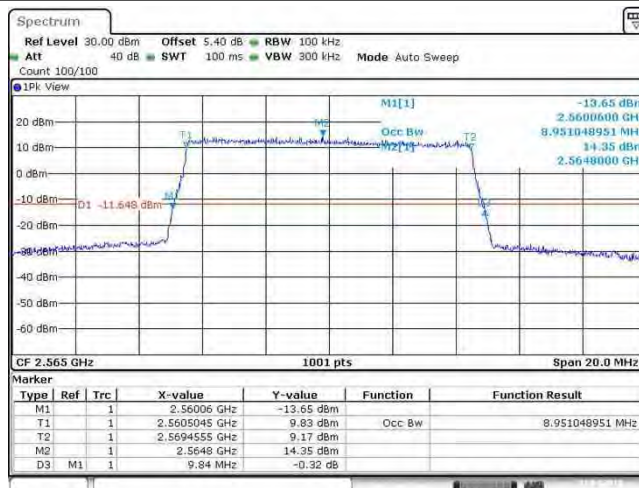
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 20:57:32

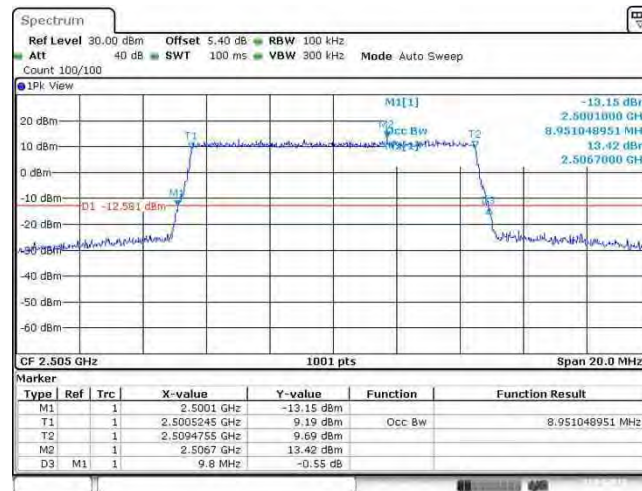
Band7_10MHz_QPSK_21400_50RB#0



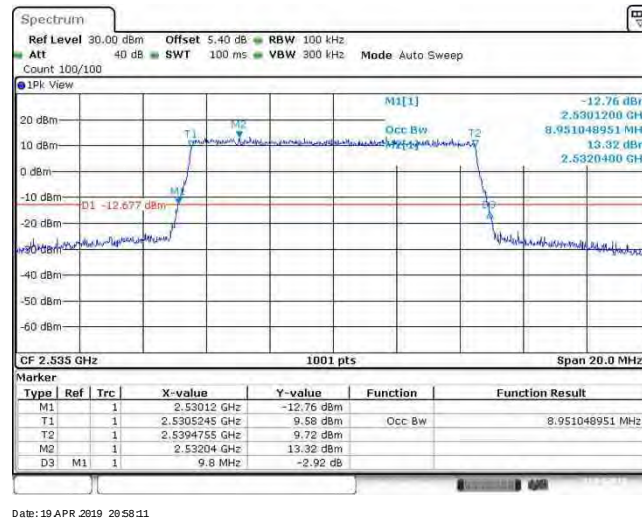
Date: 19 APR 2019 20:58:31

Band7_10MHz_64QAM_20800_50RB#0



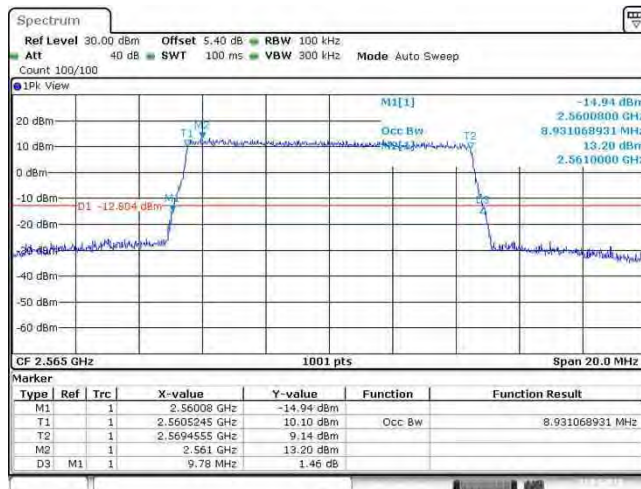


Band7_10MHz_64QAM_21100_50RB#0



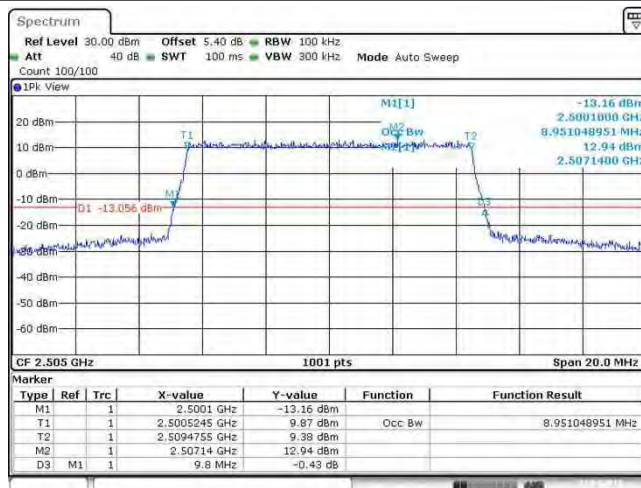
Band7_10MHz_64QAM_21400_50RB#0





Date: 19 APR 2019 20:59:10

Band7_10MHz_16QAM_20800_50RB#0



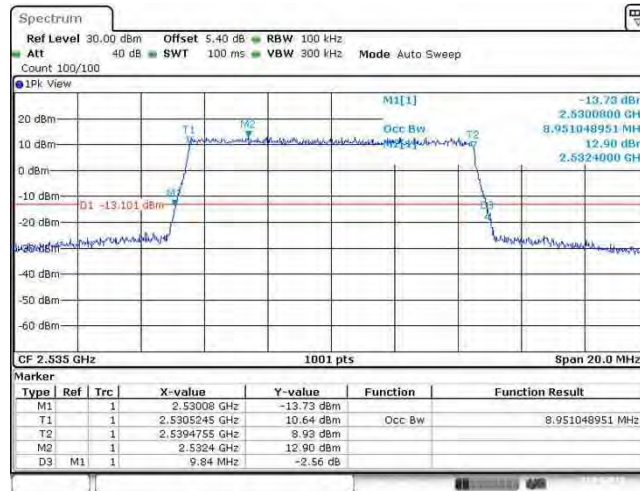
Date: 19 APR 2019 20:56:53

Band7_10MHz_16QAM_21100_50RB#0



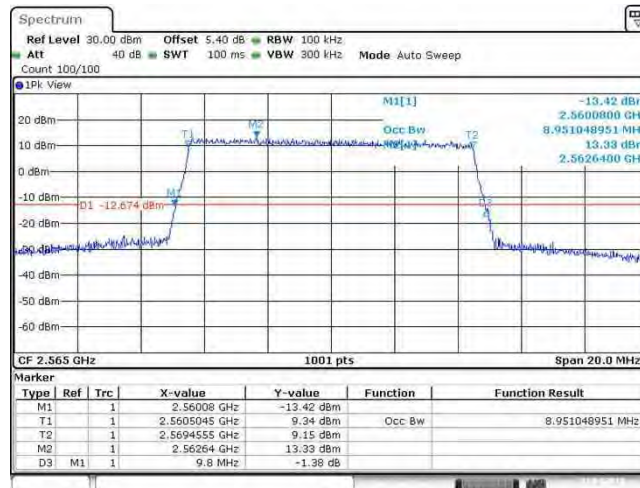
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 20:57:52

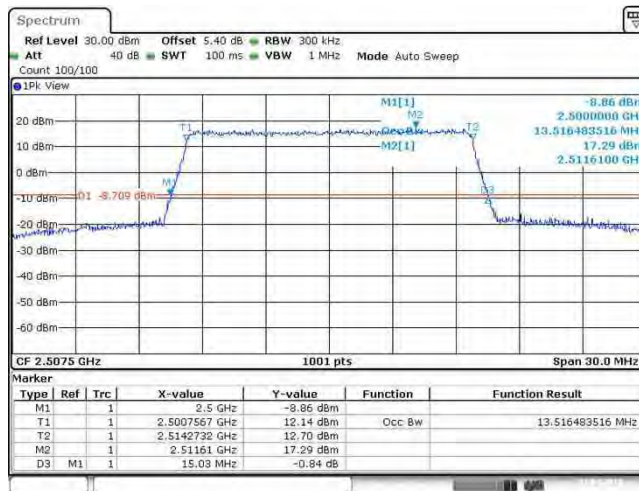
Band7_10MHz_16QAM_21400_50RB#0



Date: 19 APR 2019 20:58:59

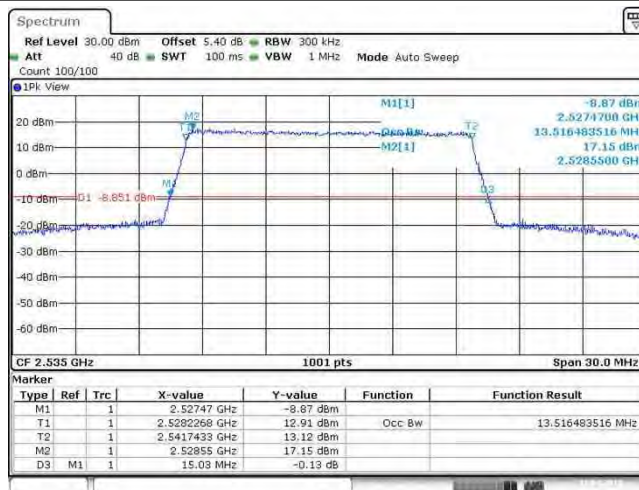
Band7_15MHz_QPSK_20825_75RB#0





Date: 19 APR 2019 20:59:31

Band7_15MHz_QPSK_21100_75RB#0



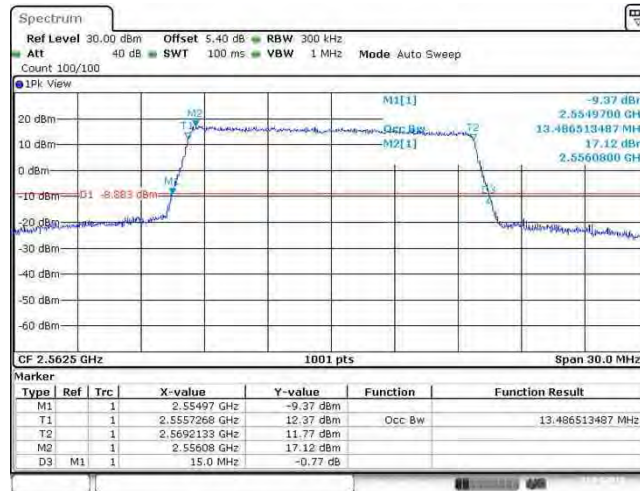
Date: 19 APR 2019 21:00:30

Band7_15MHz_QPSK_21375_75RB#0



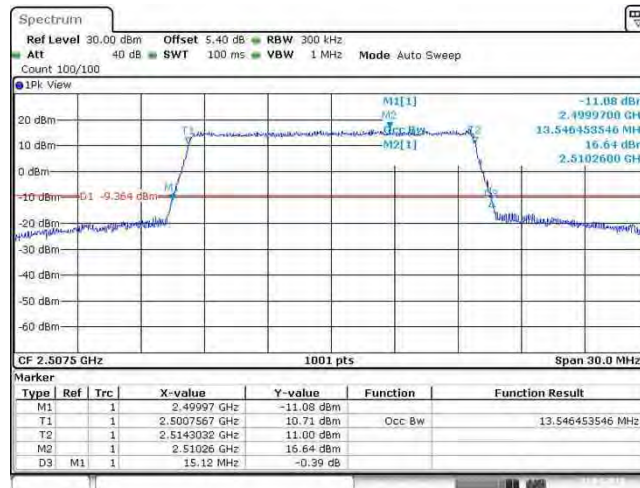
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:51:29

Band7_15MHz_64QAM_20825_75RB#0



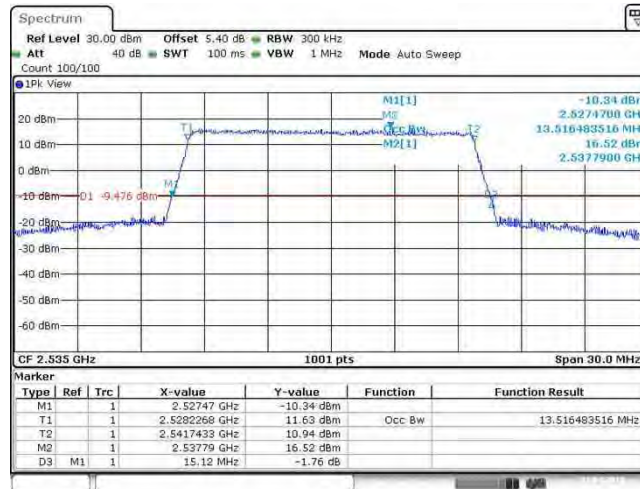
Date: 19 APR 2019 21:58:19

Band7_15MHz_64QAM_21100_75RB#0



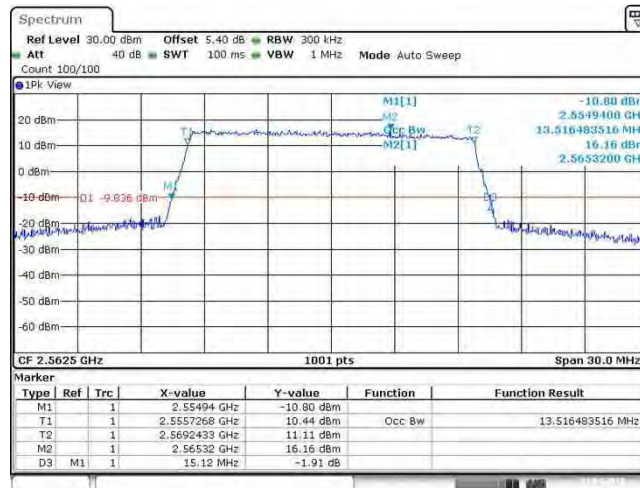
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:51:99

Band7_15MHz_64QAM_21375_75RB#0



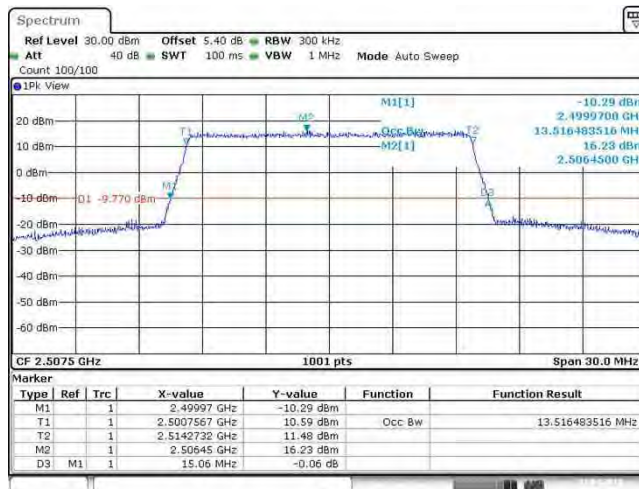
Date: 19 APR 2019 21:52:58

Band7_15MHz_16QAM_20825_75RB#0



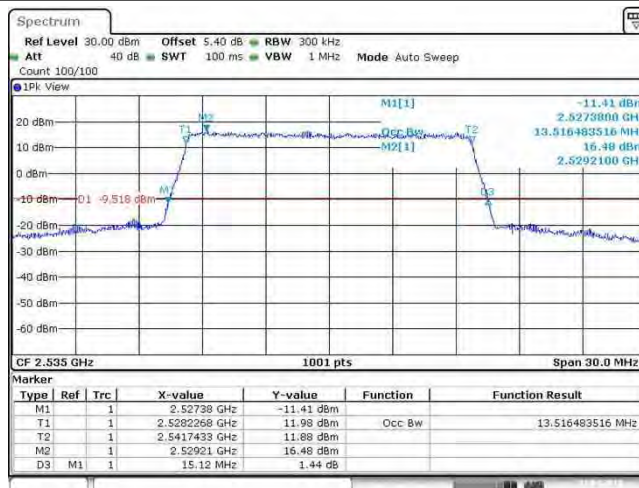
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 20:59:51

Band7_15MHz_16QAM_21100_75RB#0



Date: 19 APR 2019 21:00:59

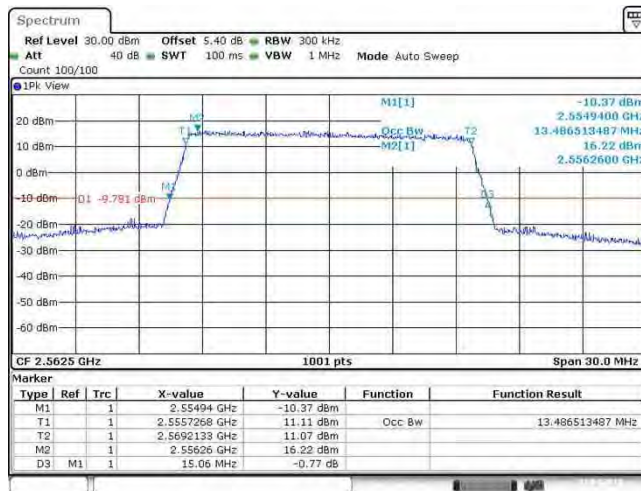
Band7_15MHz_16QAM_21375_75RB#0



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.

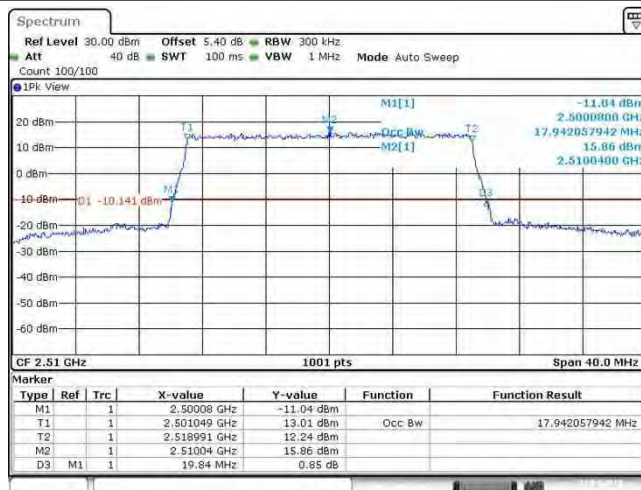
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 19 APR 2019 21:51:48

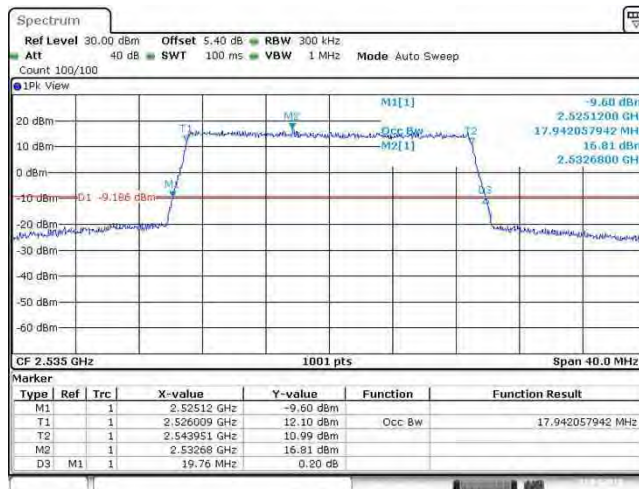
Band7_20MHz_QPSK_20850_100RB#0



Date: 19 APR 2019 21:52:29

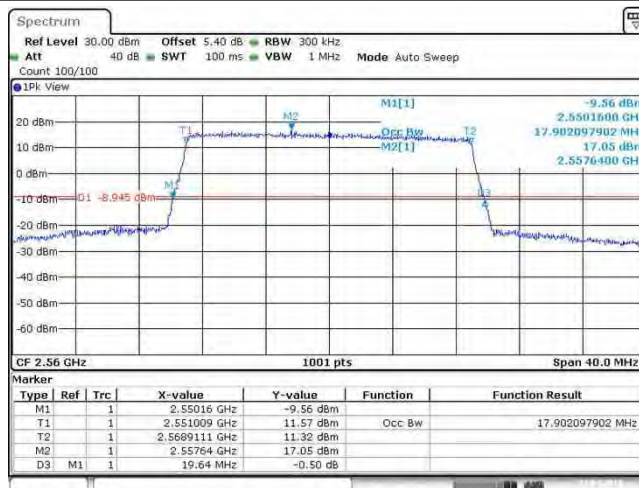
Band7_20MHz_QPSK_21100_100RB#0





Date: 19 APR 2019 21:53:28

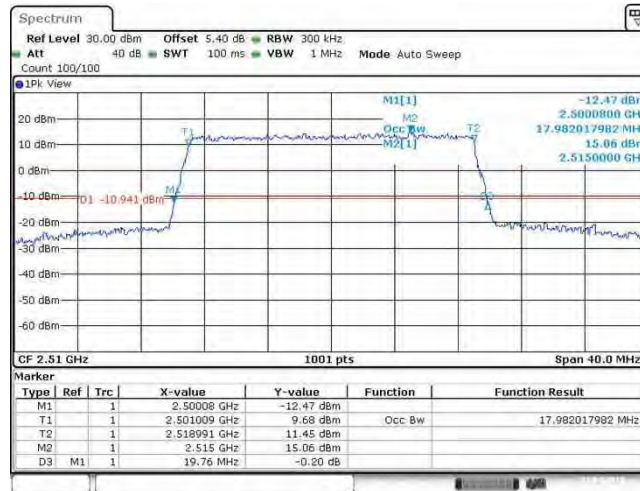
Band7_20MHz_QPSK_21350_100RB#0



Date: 19 APR 2019 21:54:27

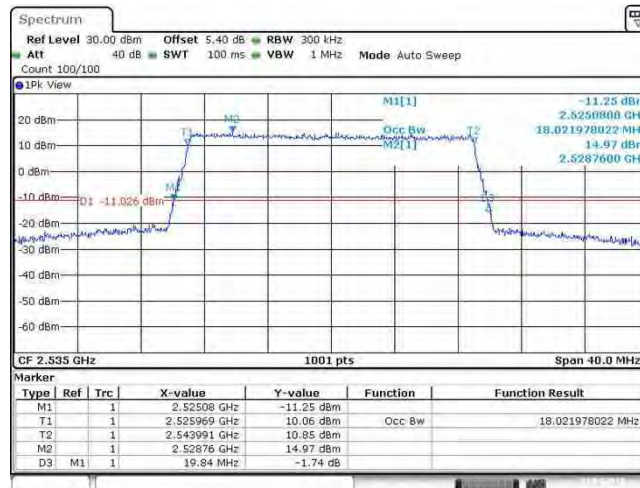
Band7_20MHz_64QAM_20850_100RB#0





Date: 19 APR 2019 21:53:58

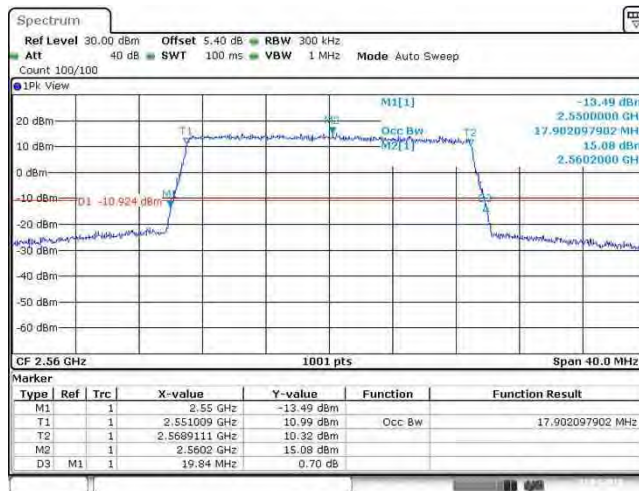
Band7_20MHz_64QAM_21100_100RB#0



Date: 19 APR 2019 21:54:57

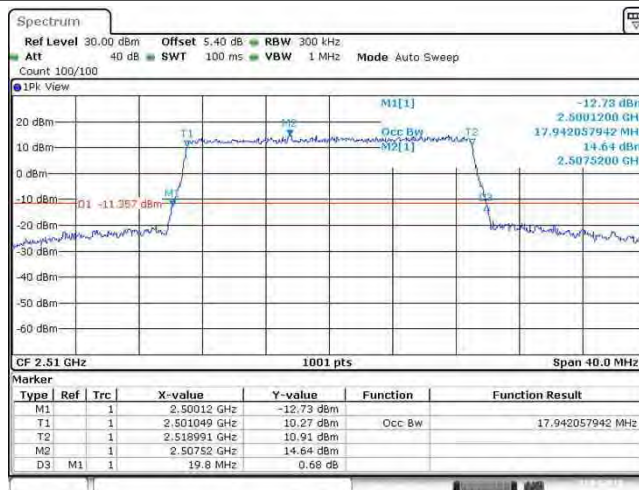
Band7_20MHz_64QAM_21350_100RB#0





Date: 19 APR 2019 21:05:06

Band7_20MHz_16QAM_20850_100RB#0



Date: 19 APR 2019 21:02:49

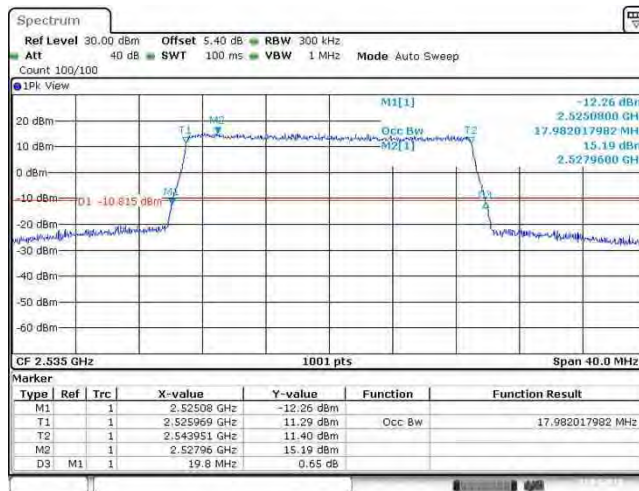
Band7_20MHz_16QAM_21100_100RB#0



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.

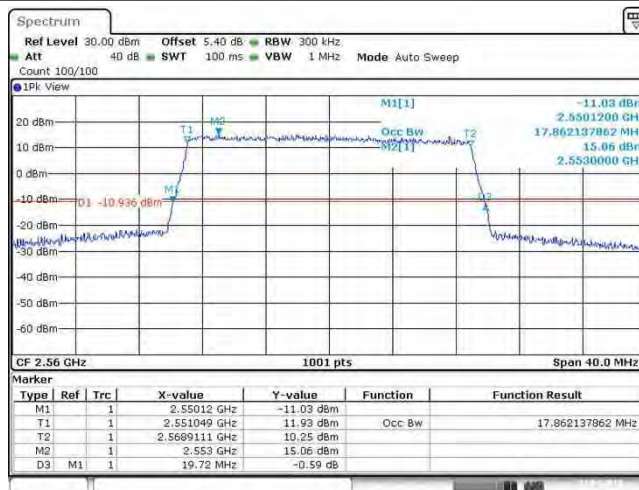
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 19 APR 2019 21:53:48

Band7_20MHz_16QAM_21350_100RB#0



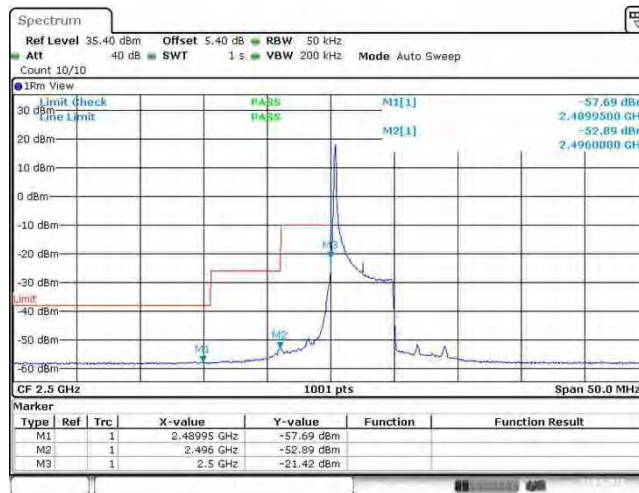
Date: 19 APR 2019 21:54:46



5. Band Edge Compliance

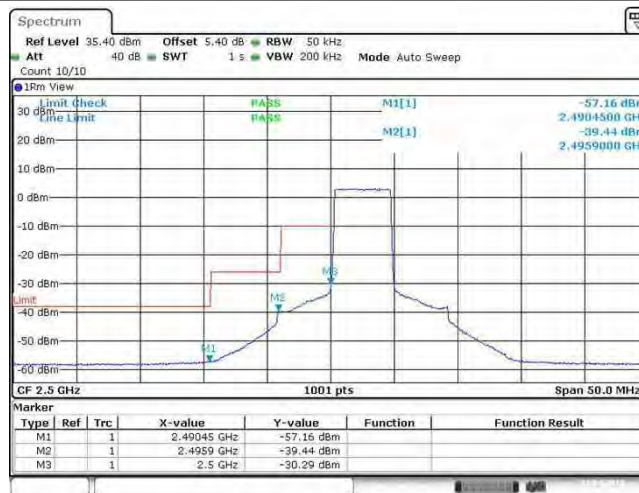
5.1. Test Plots

Band7_5MHz_QPSK_20775_1RB#0



Date: 19 APR 2019 21:05:28

Band7_5MHz_QPSK_20775_25RB#0



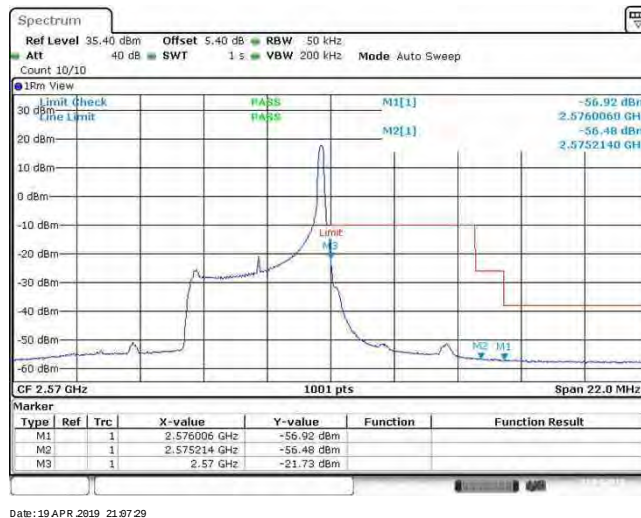
Date: 19 APR 2019 21:06:28

Band7_5MHz_QPSK_21425_1RB#24



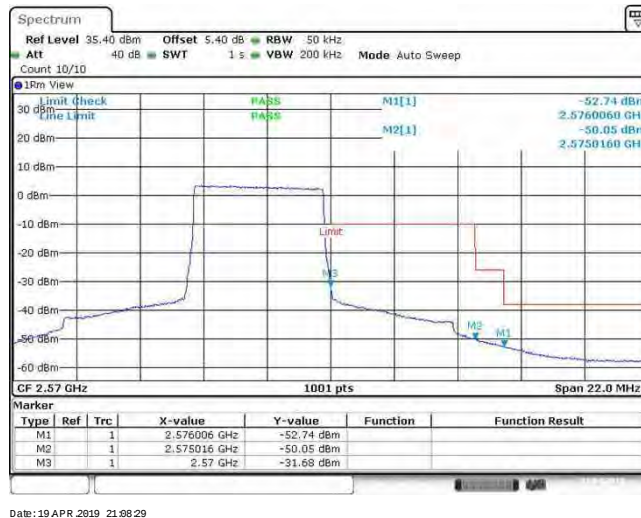
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:57:29

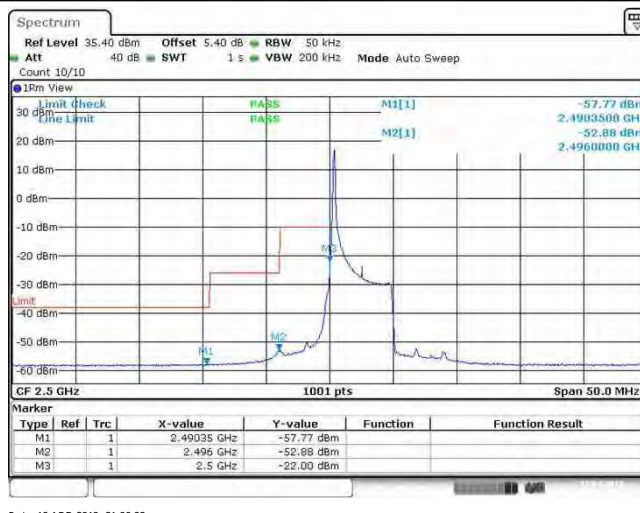
Band7_5MHz_QPSK_21425_25RB#0



Date: 19 APR 2019 21:58:29

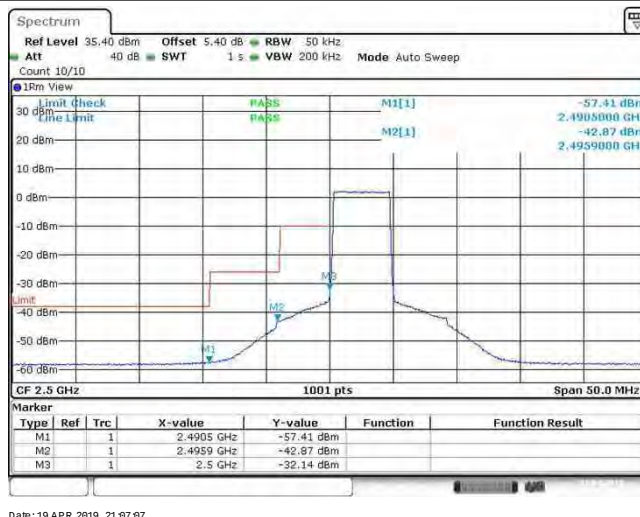
Band7_5MHz_64QAM_20775_1RB#0





Date: 19 APR 2019 21:06:08

Band7_5MHz_64QAM_20775_25RB#0



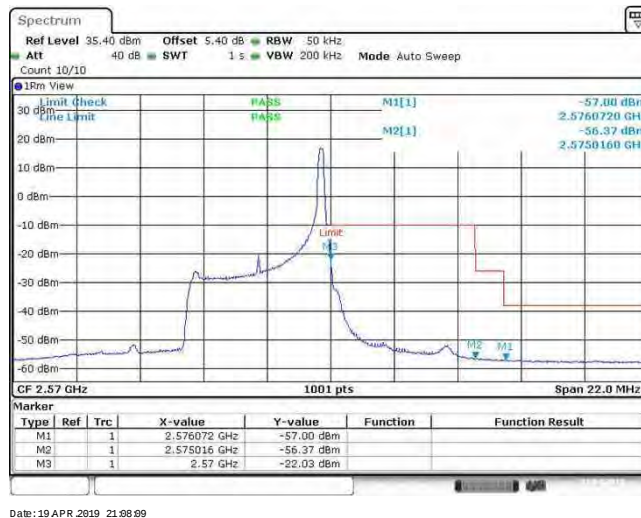
Date: 19 APR 2019 21:07:07

Band7_5MHz_64QAM_21425_1RB#24



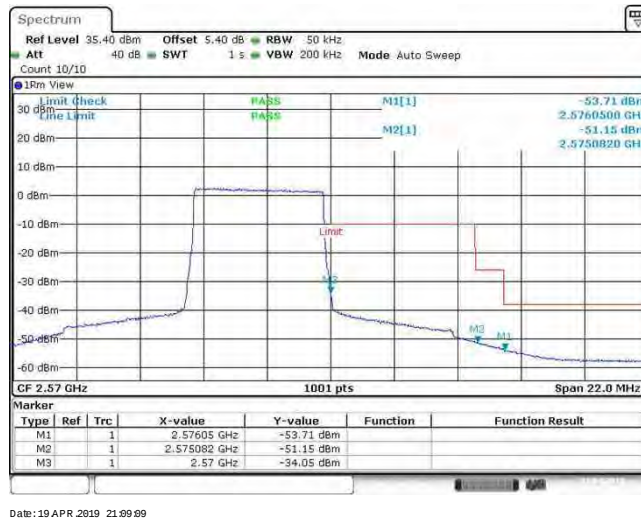
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:58:59

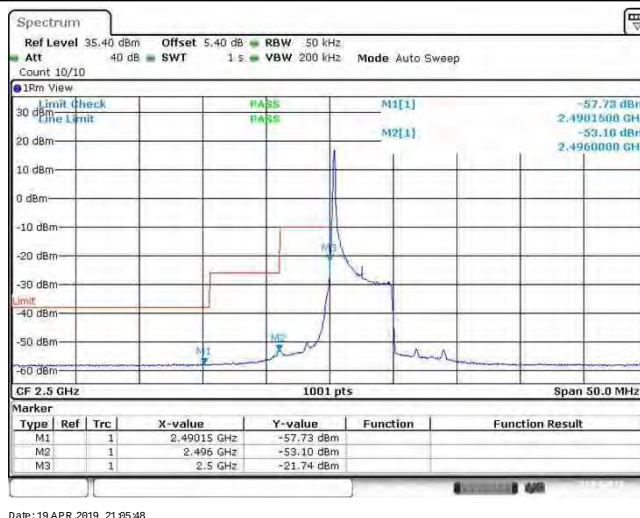
Band7_5MHz_64QAM_21425_25RB#0



Date: 19 APR 2019 21:59:59

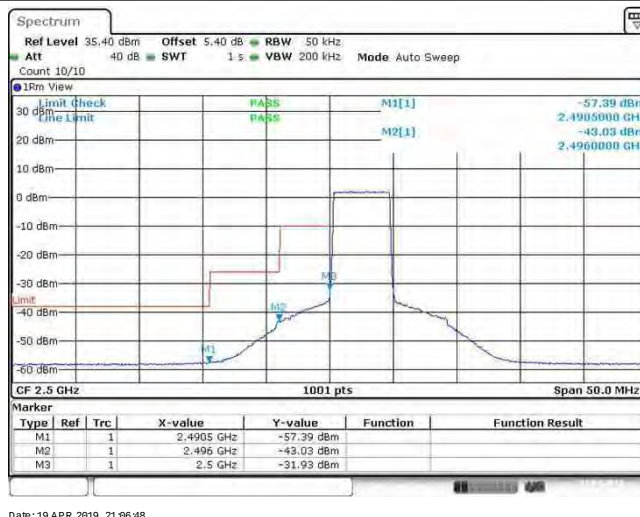
Band7_5MHz_16QAM_20775_1RB#0





Date: 19 APR 2019 21:05:48

Band7_5MHz_16QAM_20775_25RB#0



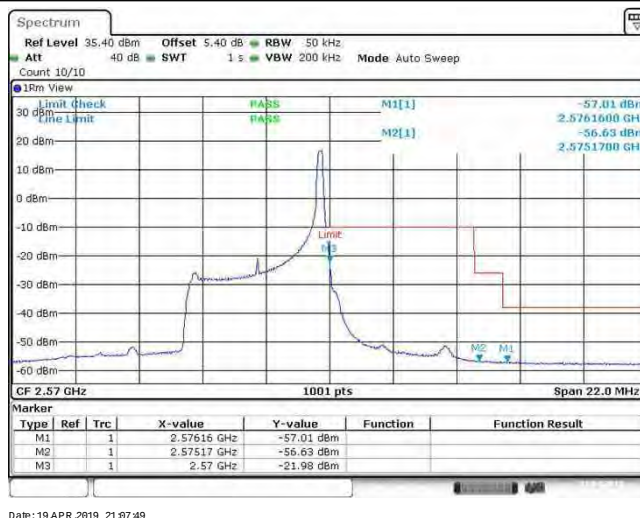
Date: 19 APR 2019 21:06:48

Band7_5MHz_16QAM_21425_1RB#24



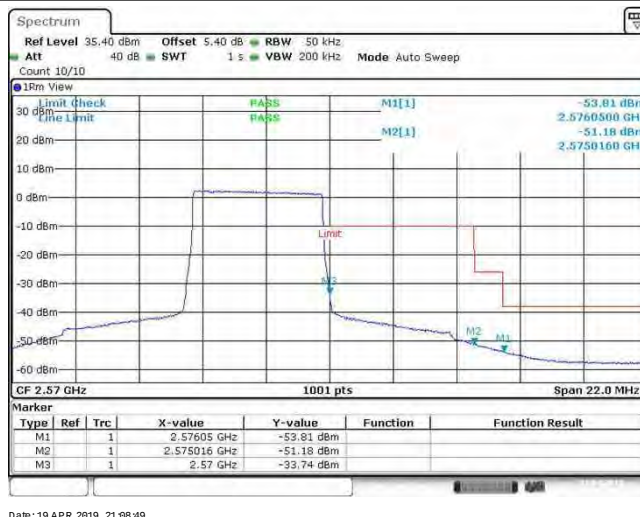
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:57:49

Band7_5MHz_16QAM_21425_25RB#0



Date: 19 APR 2019 21:58:49

Band7_10MHz_QPSK_20800_1RB#0

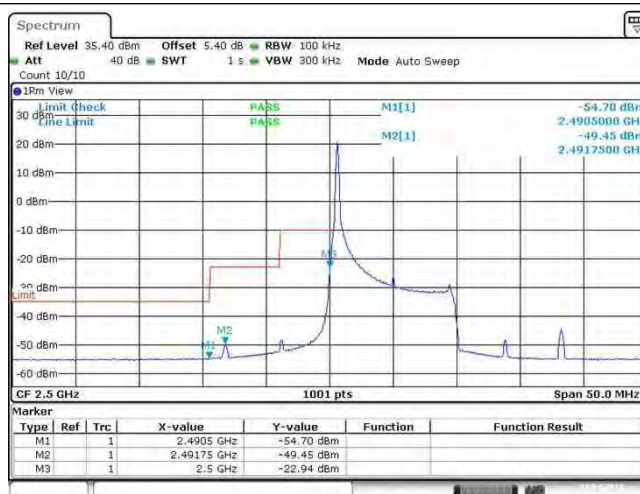


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

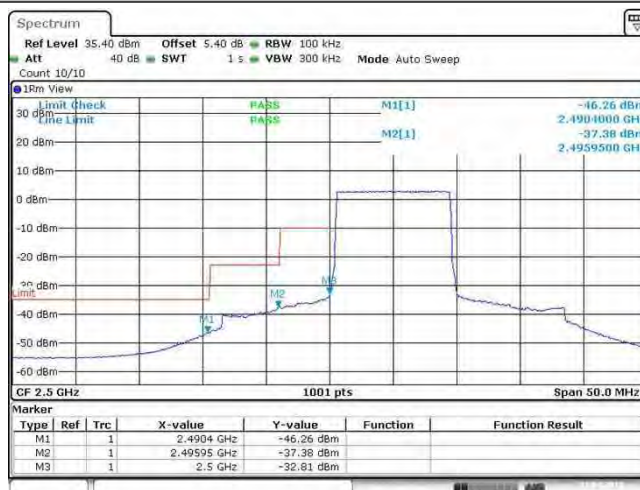
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CSTC) Laboratory

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



Date: 19 APR 2019 21:09:21

Band7_10MHz_QPSK_20800_50RB#0



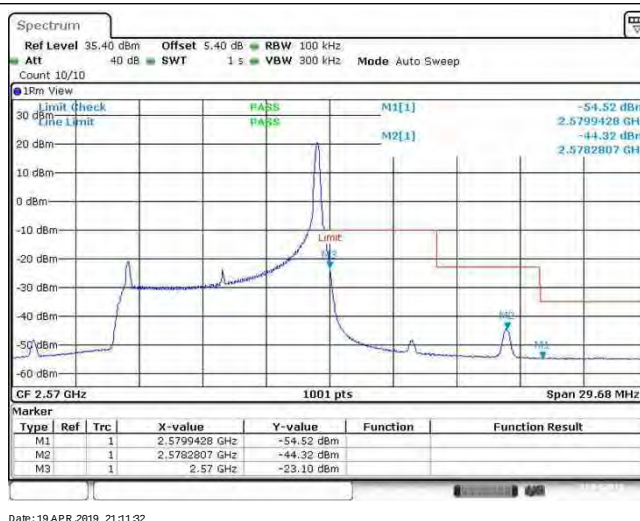
Date: 19 APR 2019 21:10:30

Band7_10MHz_QPSK_21400_1RB#49



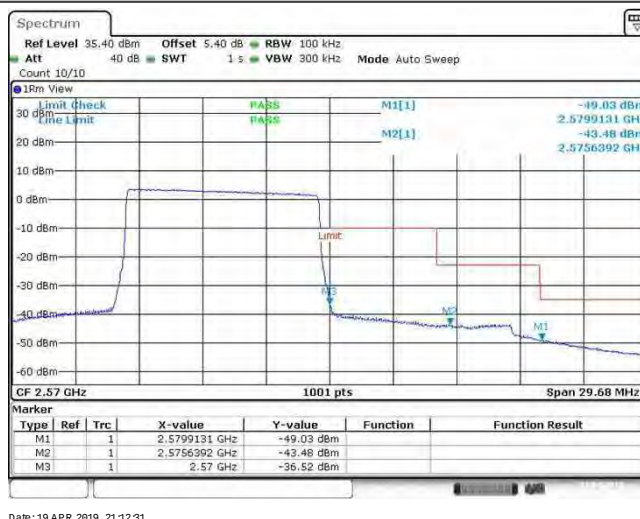
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:11:32

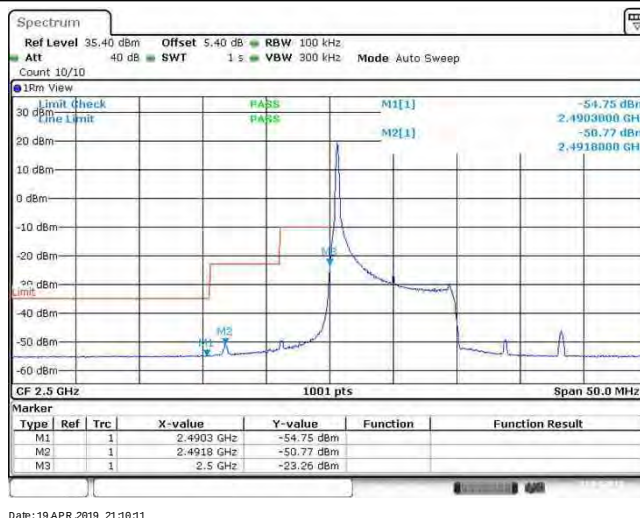
Band7_10MHz_QPSK_21400_50RB#0



Date: 19 APR 2019 21:12:31

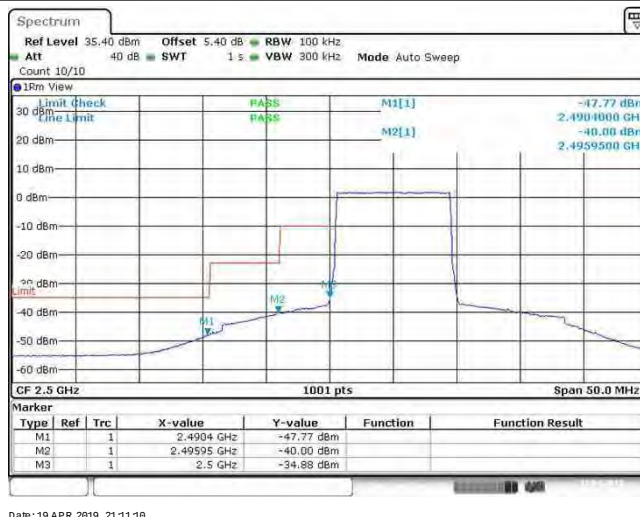
Band7_10MHz_64QAM_20800_1RB#0





Date: 19 APR 2019 21:18:11

Band7_10MHz_64QAM_20800_50RB#0



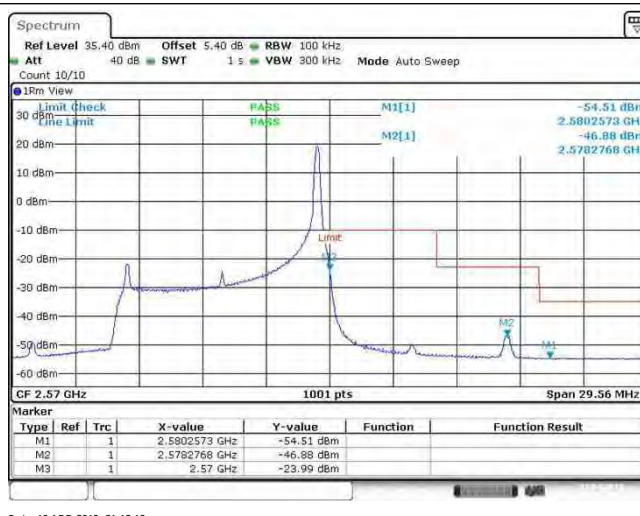
Date: 19 APR 2019 21:11:10

Band7_10MHz_64QAM_21400_1RB#49



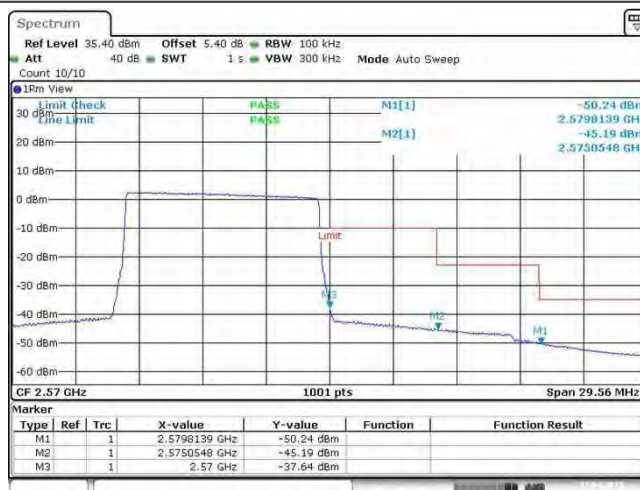
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:12:12

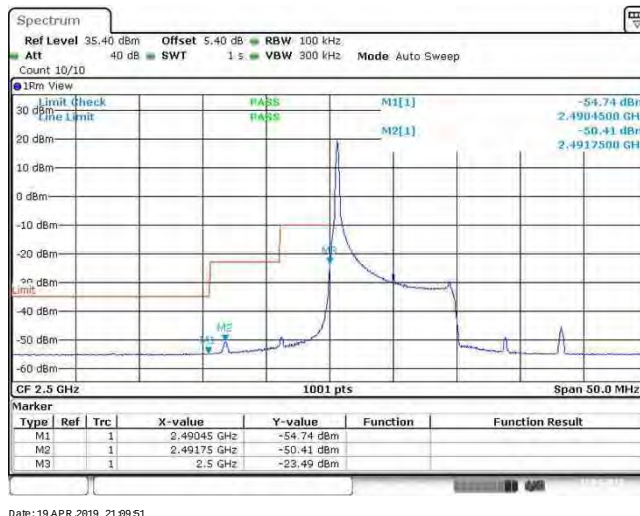
Band7_10MHz_64QAM_21400_50RB#0



Date: 19 APR 2019 21:13:11

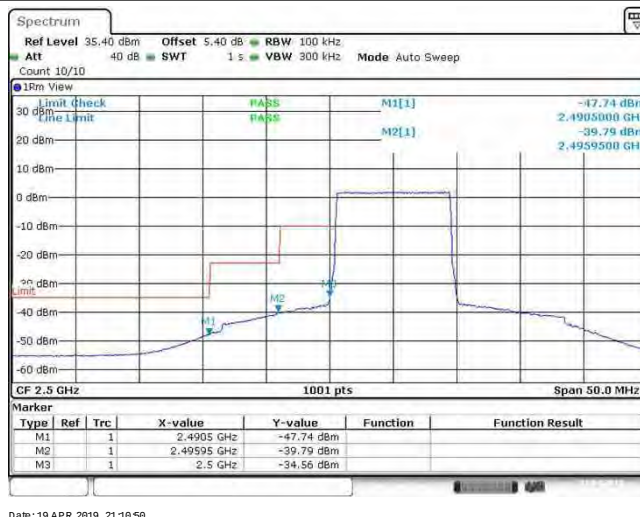
Band7_10MHz_16QAM_20800_1RB#0





Date: 19 APR 2019 21:09:51

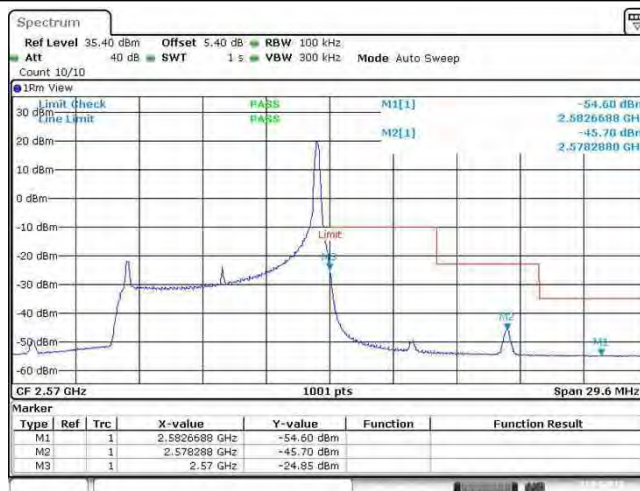
Band7_10MHz_16QAM_20800_50RB#0



Date: 19 APR 2019 21:10:50

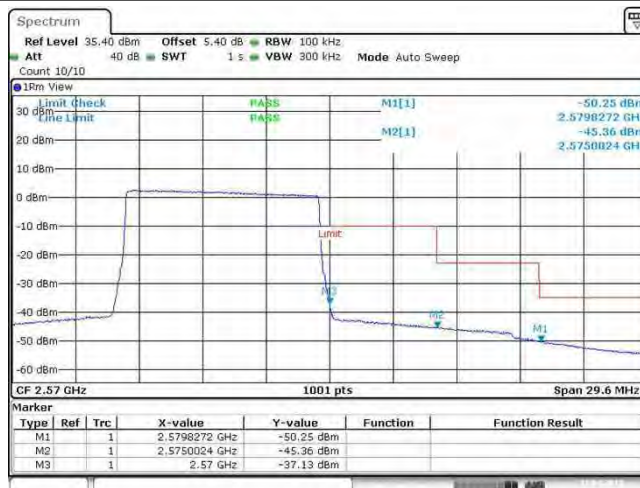
Band7_10MHz_16QAM_21400_1RB#49





Date: 19 APR 2019 21:11:52

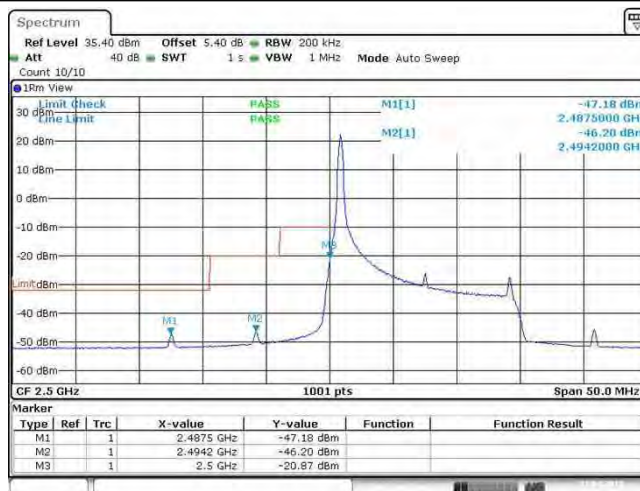
Band7_10MHz_16QAM_21400_50RB#0



Date: 19 APR 2019 21:12:51

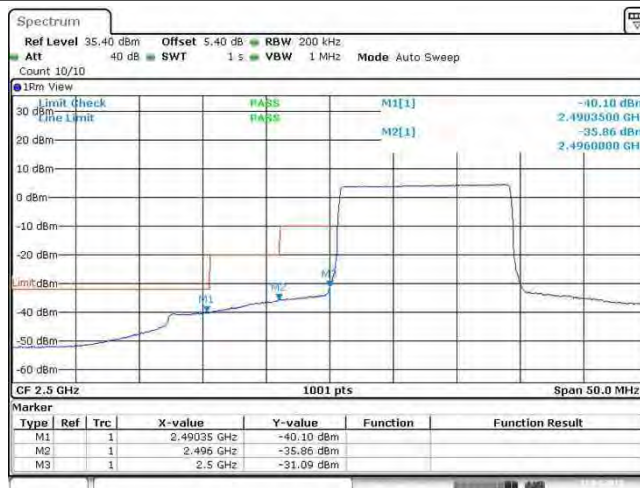
Band7_15MHz_QPSK_20825_1RB#0





Date: 19 APR 2019 21:13:33

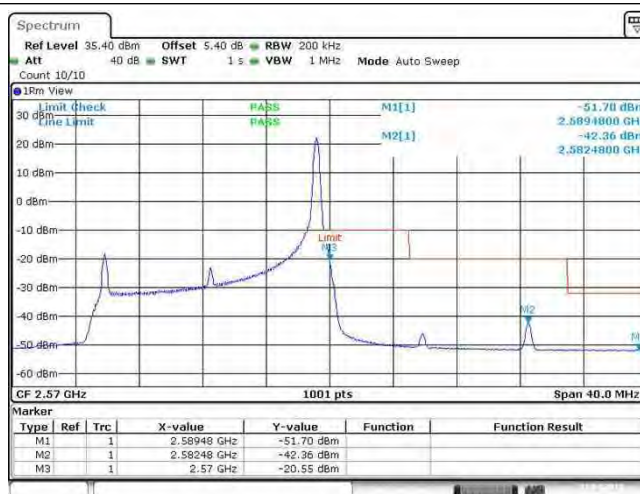
Band7_15MHz_QPSK_20825_75RB#0



Date: 19 APR 2019 21:14:33

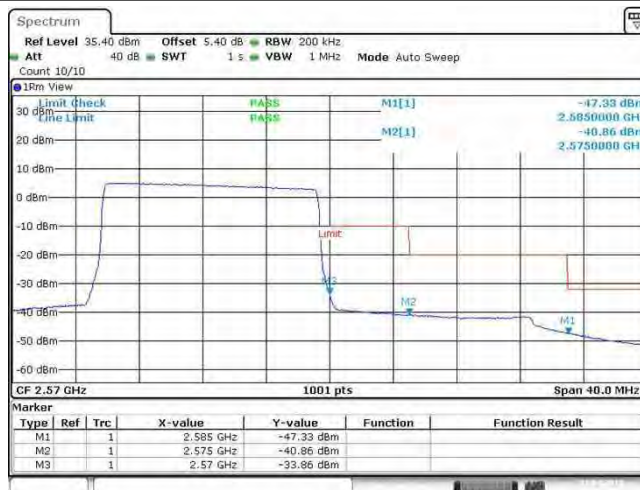
Band7_15MHz_QPSK_21375_1RB#74





Date: 19 APR 2019 21:15:34

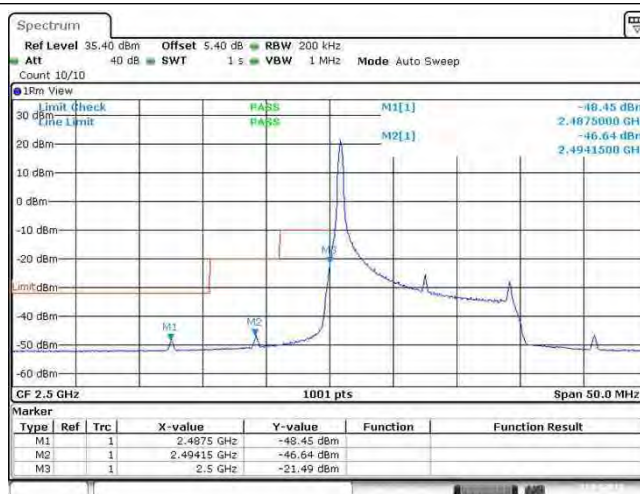
Band7_15MHz_QPSK_21375_75RB#0



Date: 19 APR 2019 21:16:33

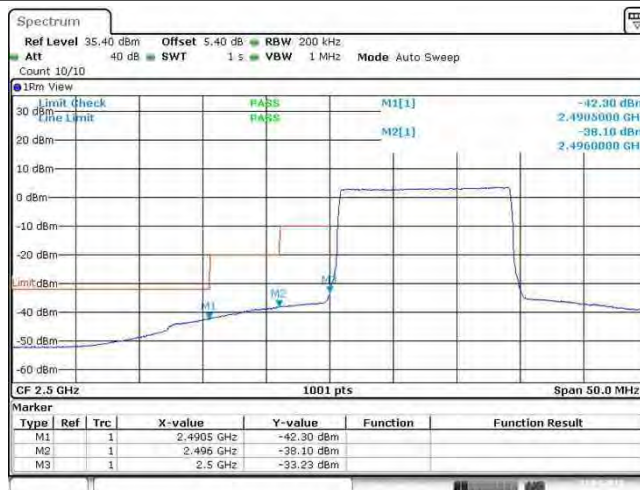
Band7_15MHz_64QAM_20825_1RB#0





Date: 19 APR 2019 21:14:13

Band7_15MHz_64QAM_20825_75RB#0



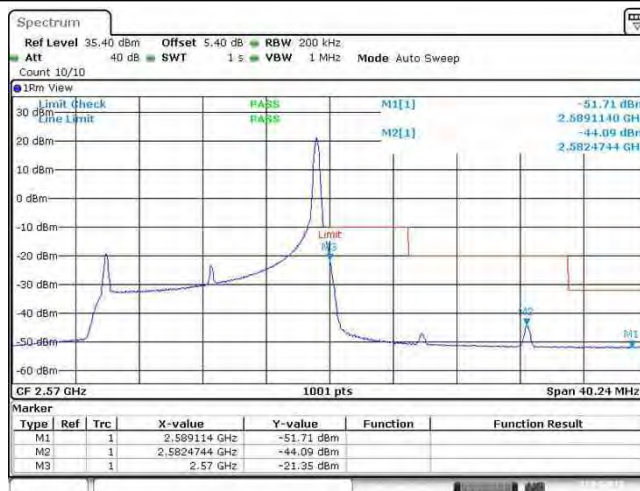
Date: 19 APR 2019 21:15:12

Band7_15MHz_64QAM_21375_1RB#74



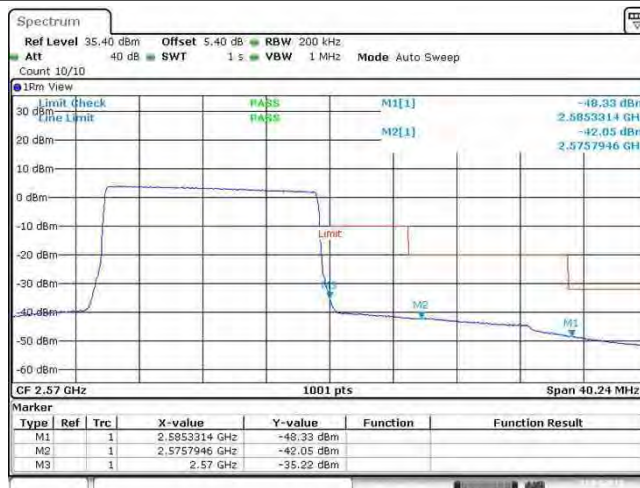
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:16:13

Band7_15MHz_64QAM_21375_75RB#0



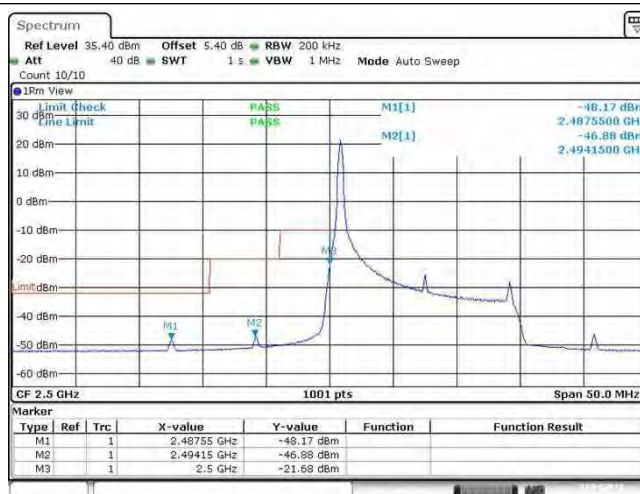
Date: 19 APR 2019 21:17:13

Band7_15MHz_16QAM_20825_1RB#0



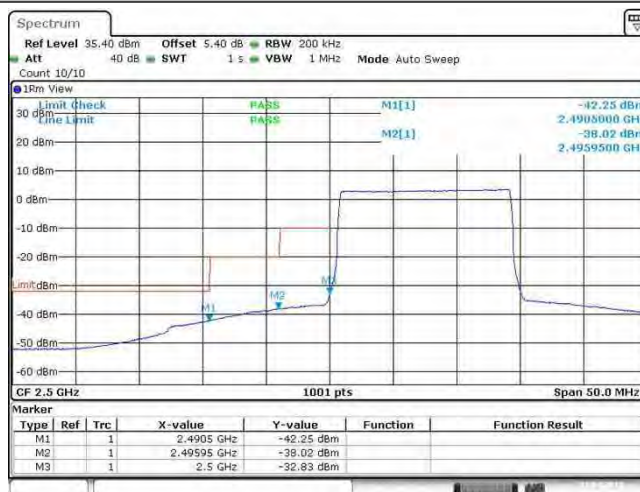
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:13:53

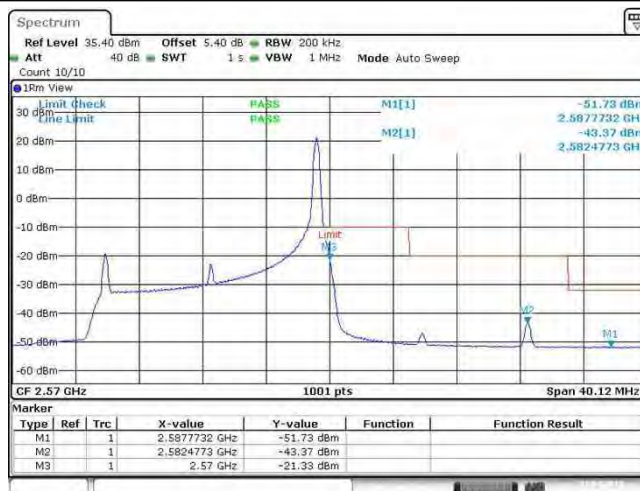
Band7_15MHz_16QAM_20825_75RB#0



Date: 19 APR 2019 21:14:52

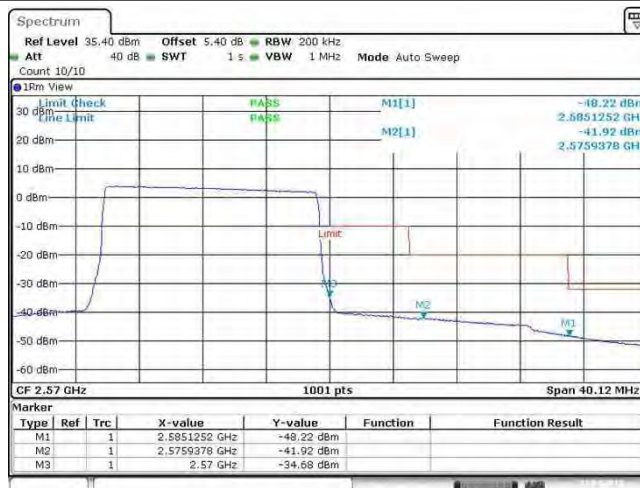
Band7_15MHz_16QAM_21375_1RB#74





Date: 19 APR 2019 21:15:53

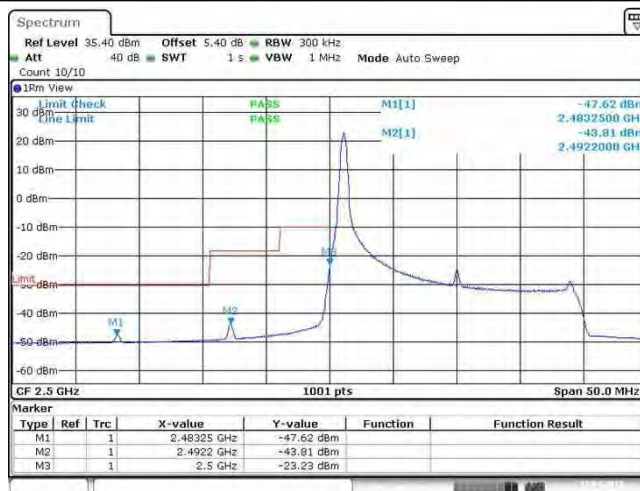
Band7_15MHz_16QAM_21375_75RB#0



Date: 19 APR 2019 21:16:53

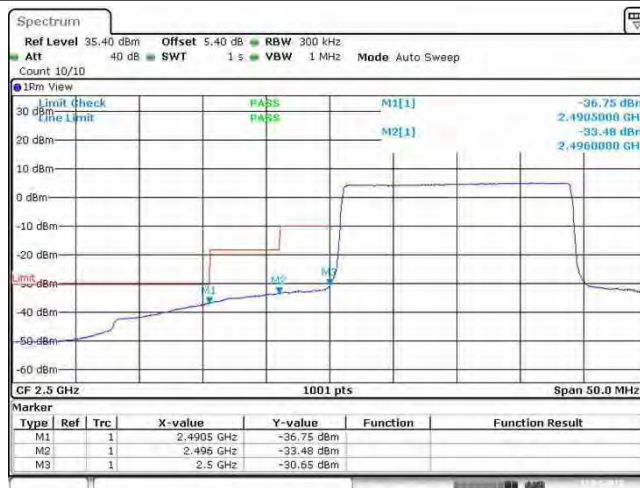
Band7_20MHz_QPSK_20850_1RB#0





Date: 19 APR 2019 21:17:35

Band7_20MHz_QPSK_20850_100RB#0



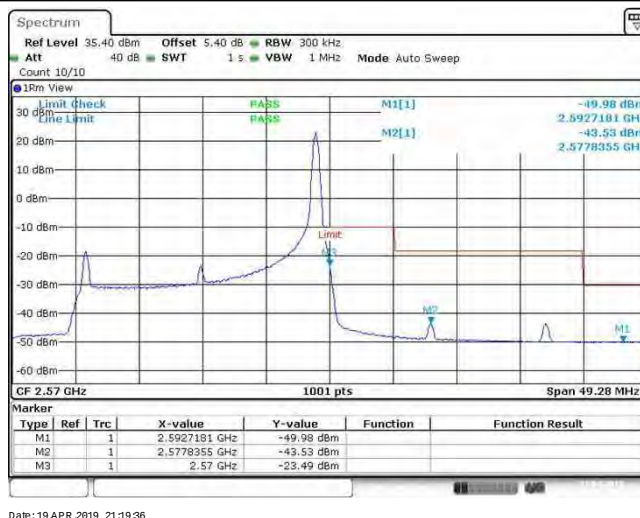
Date: 19 APR 2019 21:18:35

Band7_20MHz_QPSK_21350_1RB#99



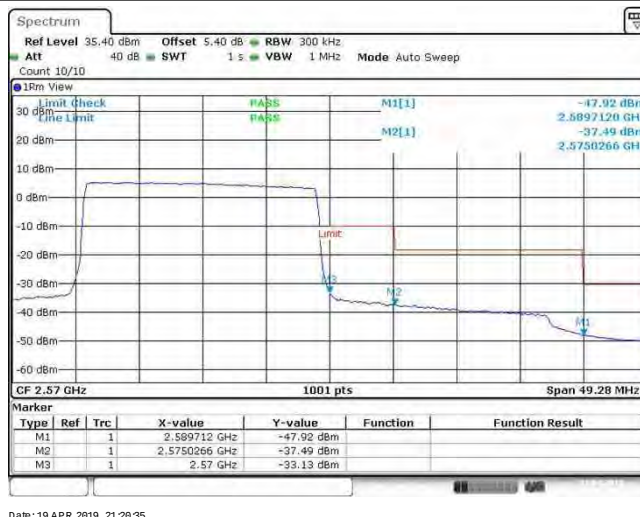
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:19:36

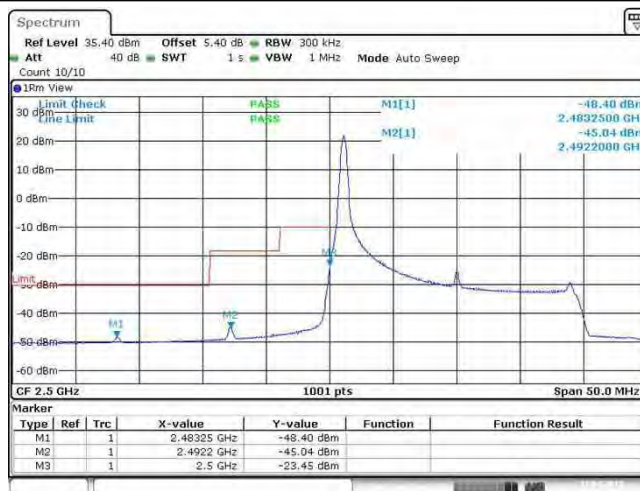
Band7_20MHz_QPSK_21350_100RB#0



Date: 19 APR 2019 21:29:35

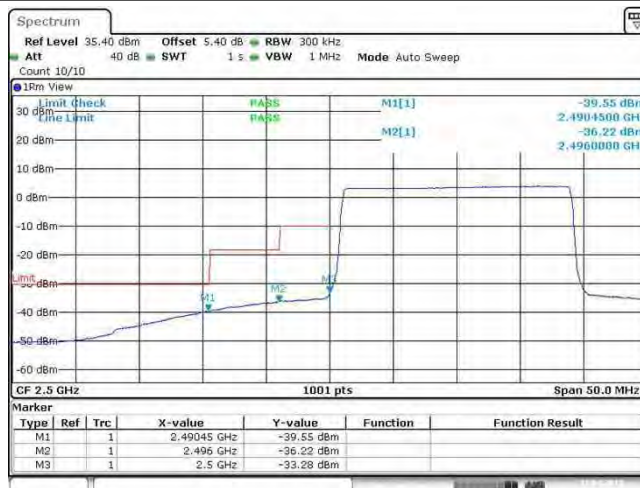
Band7_20MHz_64QAM_20850_1RB#0





Date: 19 APR 2019 21:18:15

Band7_20MHz_64QAM_20850_100RB#0



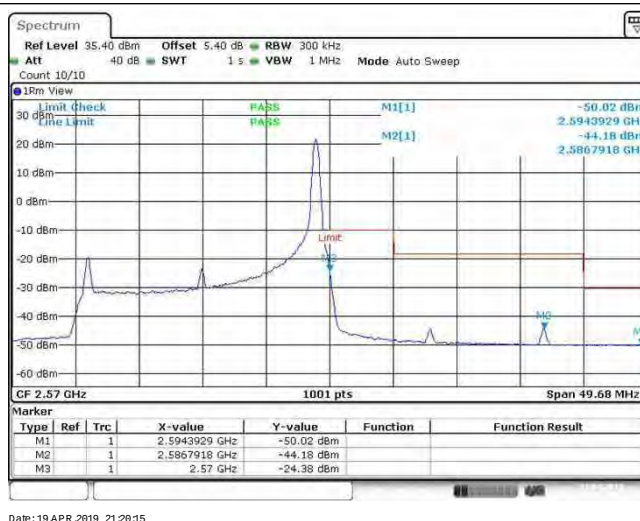
Date: 19 APR 2019 21:19:14

Band7_20MHz_64QAM_21350_1RB#99



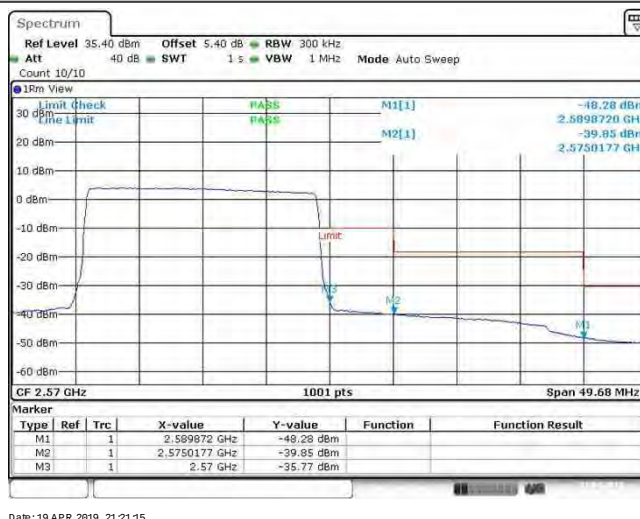
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:28:15

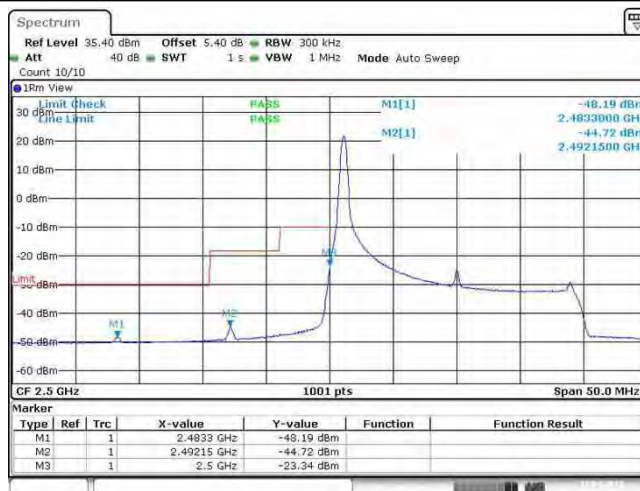
Band7_20MHz_64QAM_21350_100RB#0



Date: 19 APR 2019 21:21:15

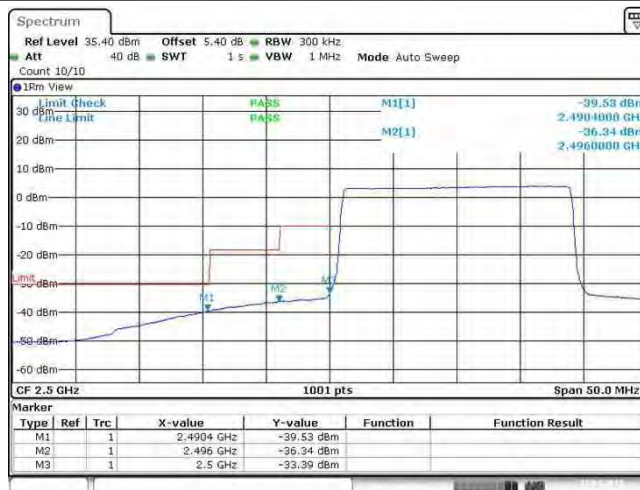
Band7_20MHz_16QAM_20850_1RB#0





Date: 19 APR 2019 21:17:55

Band7_20MHz_16QAM_20850_100RB#0



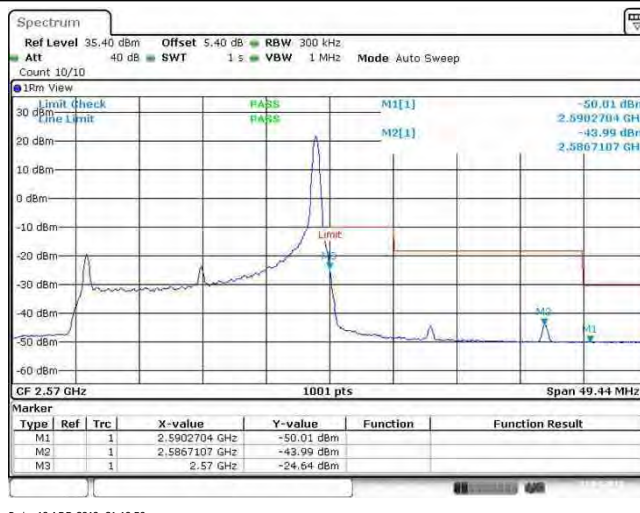
Date: 19 APR 2019 21:18:54

Band7_20MHz_16QAM_21350_1RB#99



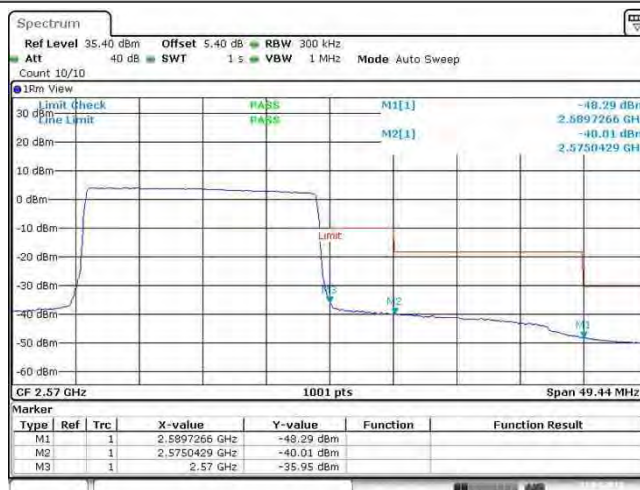
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Date: 19 APR 2019 21:19:56

Band7_20MHz_16QAM_21350_100RB#0



Date: 19 APR 2019 21:29:55



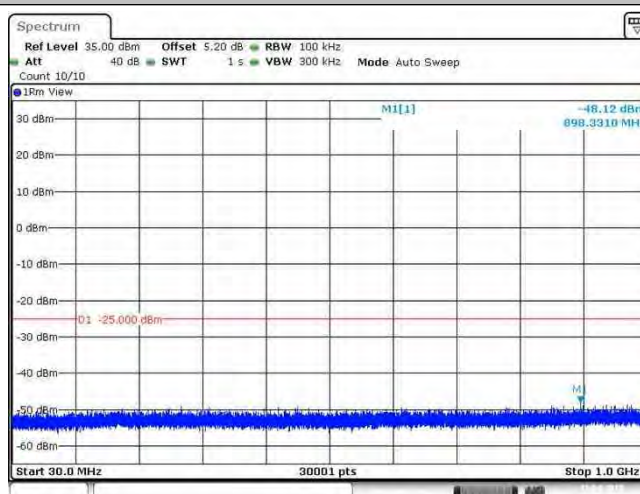
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

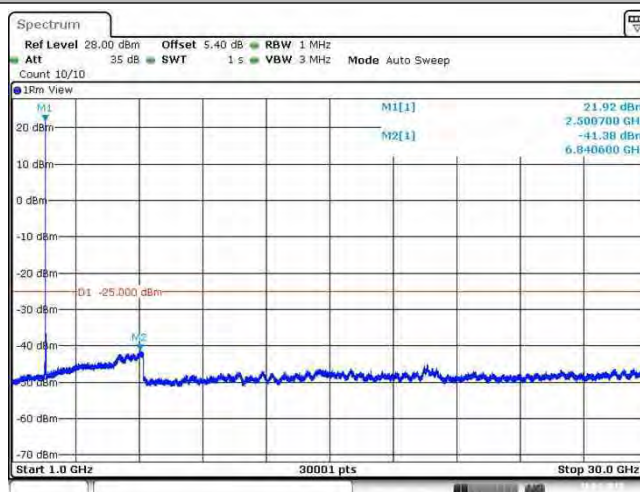
6.1. Test Plots

Band7_20MHz_QPSK_20850_1RB#0



Date: 19 APR 2019 21:21:35

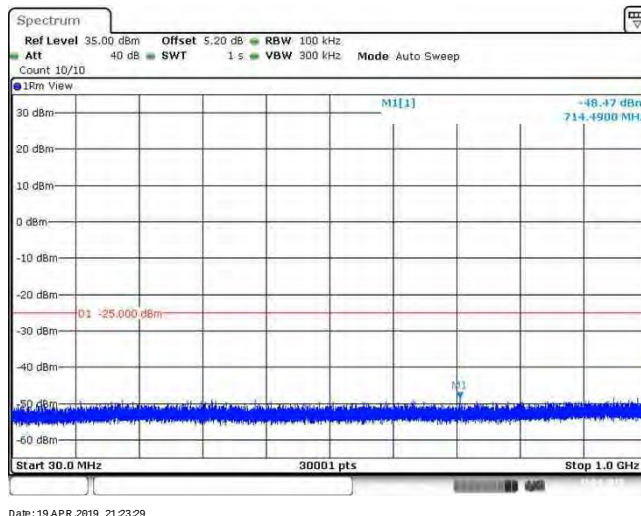
Band7_20MHz_QPSK_20850_1RB#0



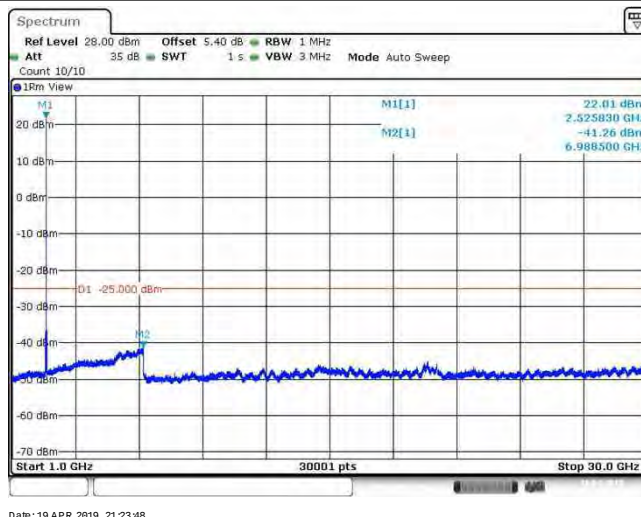
Date: 19 APR 2019 21:21:54

Band7_20MHz_QPSK_21100_1RB#0





Band7_20MHz_QPSK_21100_1RB#0

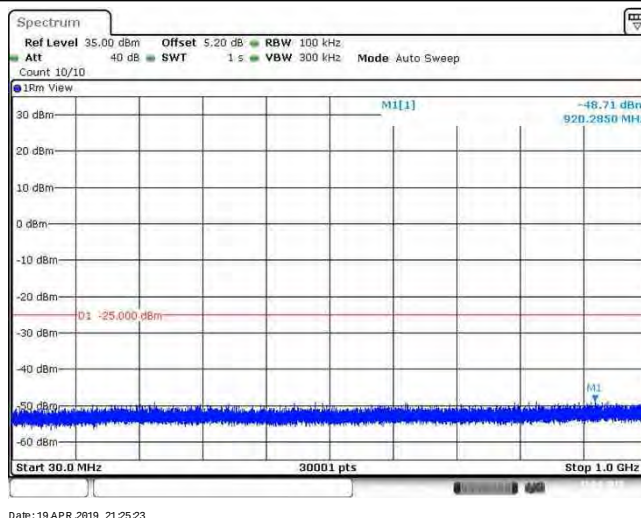


Band7_20MHz_QPSK_21350_1RB#0

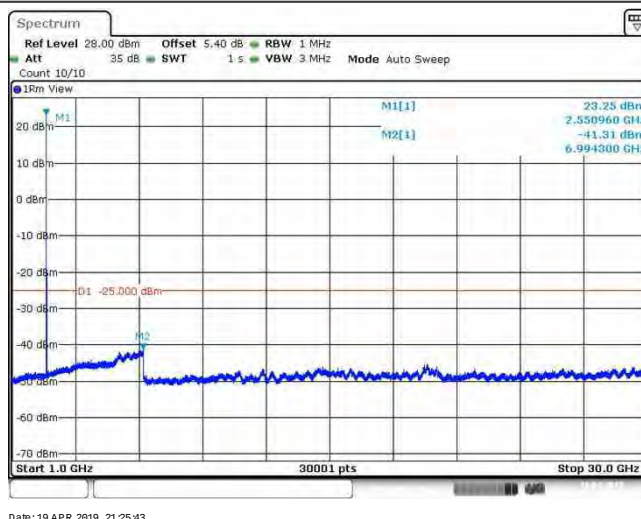


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

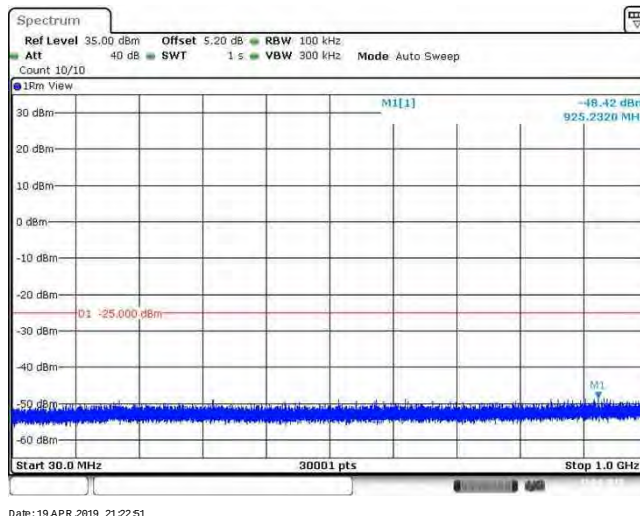


Band7_20MHz_QPSK_21350_1RB#0

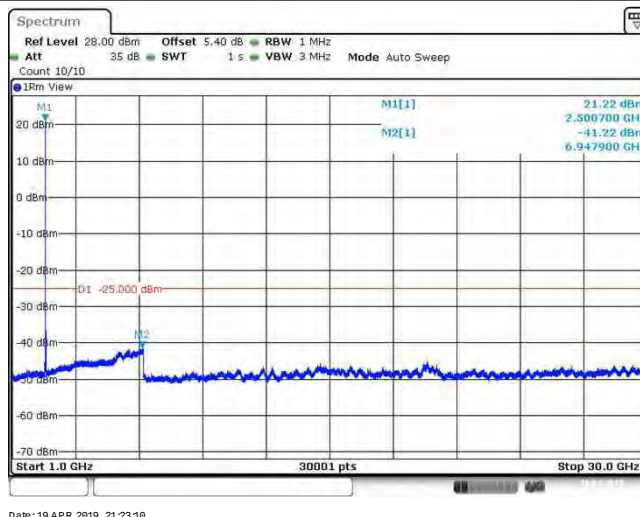


Band7_20MHz_64QAM_20850_1RB#0





Band7_20MHz_64QAM_20850_1RB#0

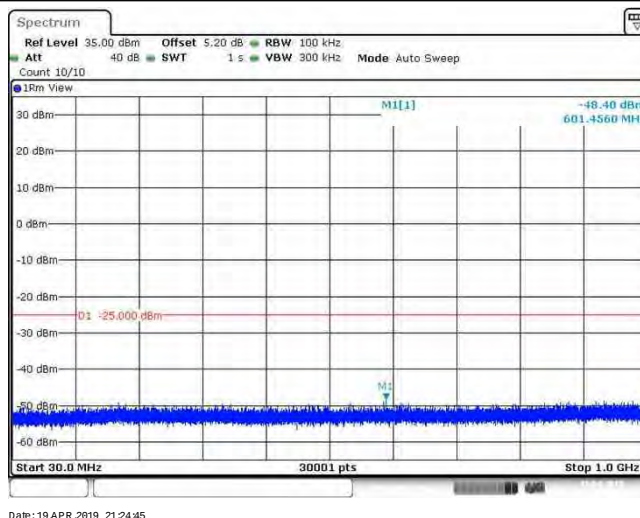


Band7_20MHz_64QAM_21100_1RB#0

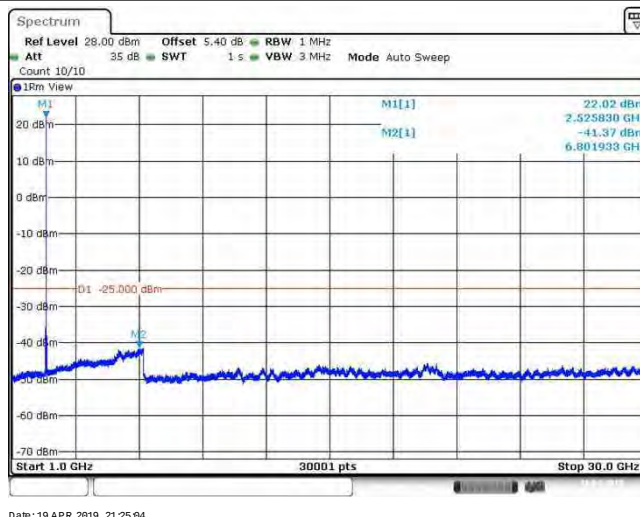


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Band7_20MHz_64QAM_21100_1RB#0



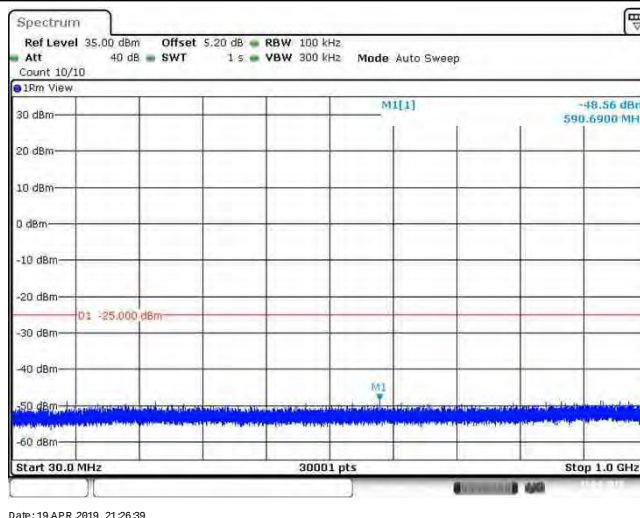
Band7_20MHz_64QAM_21350_1RB#0



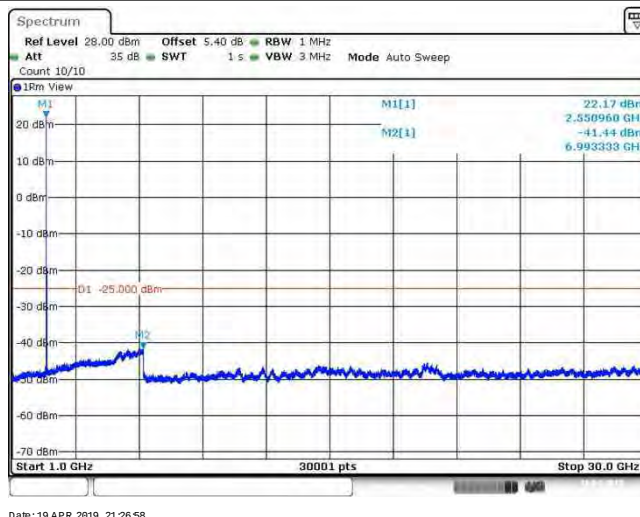
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Band7_20MHz_64QAM_21350_1RB#0



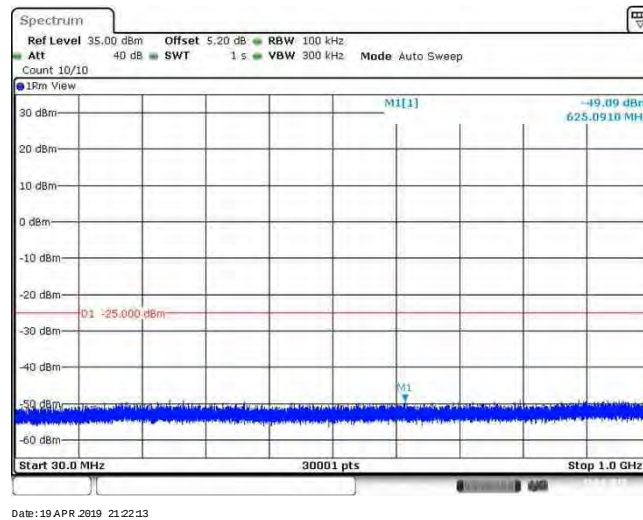
Band7_20MHz_16QAM_20850_1RB#0



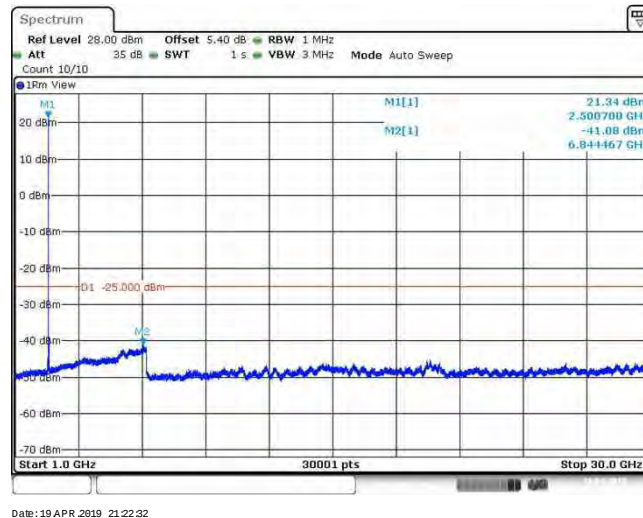
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Band7_20MHz_16QAM_20850_1RB#0



Band7_20MHz_16QAM_21100_1RB#0

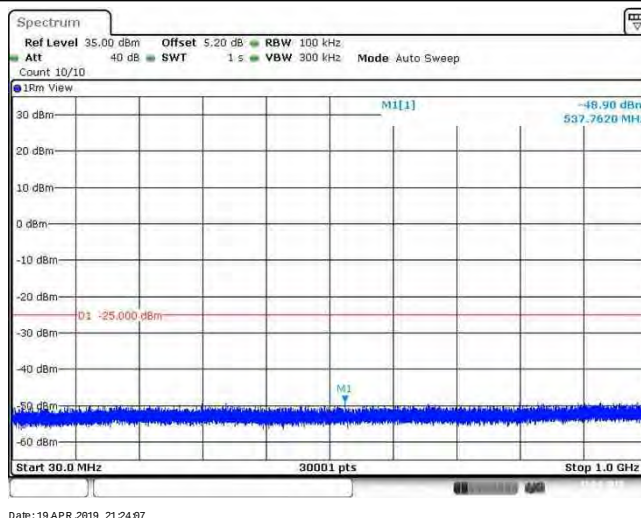


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.

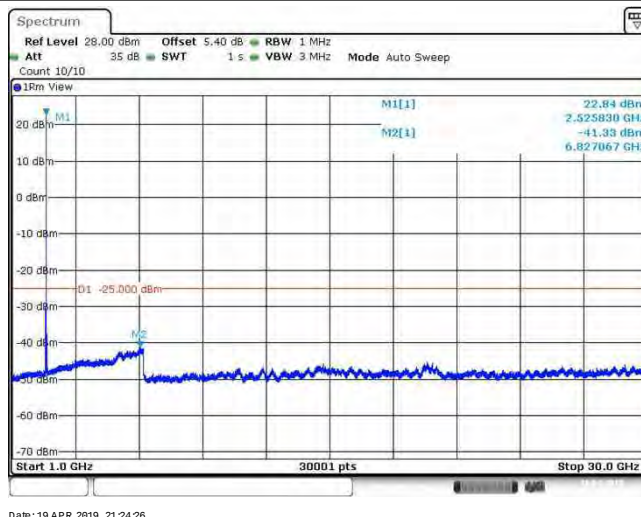
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Band7_20MHz_16QAM_21100_1RB#0

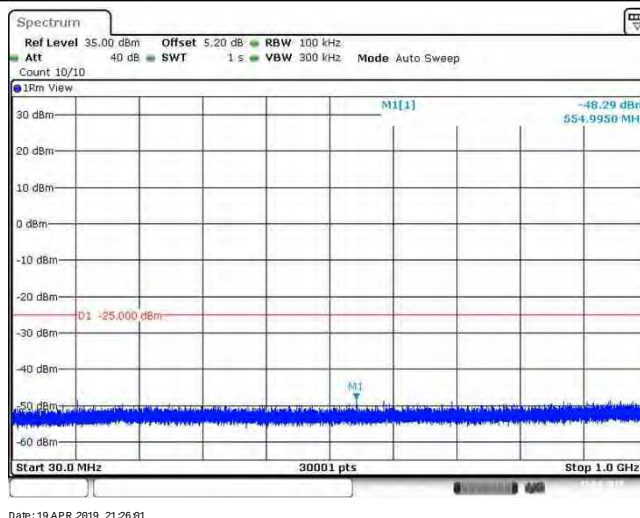


Band7_20MHz_16QAM_21350_1RB#0

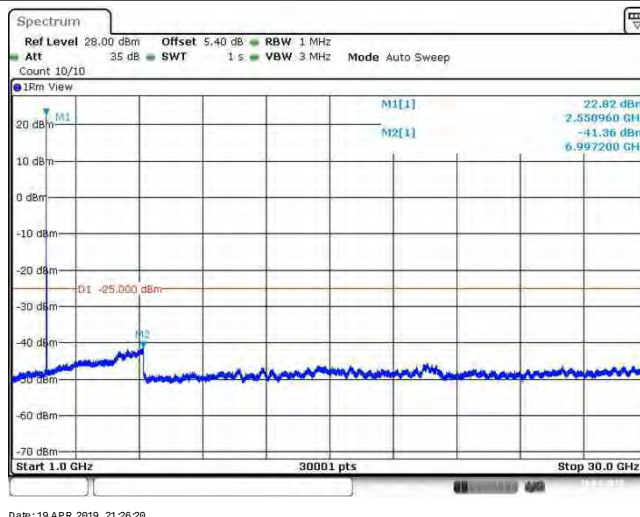


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Band7_20MHz_16QAM_21350_1RB#0



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

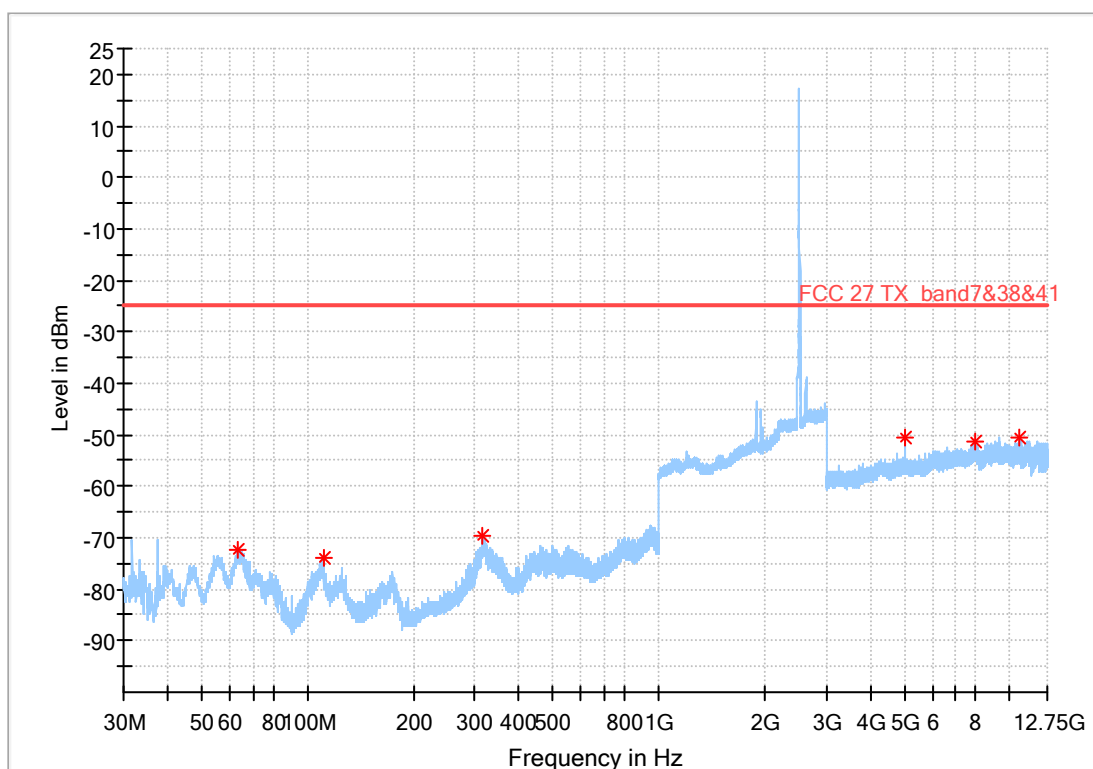
7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE Band 7

7.1.1. Test Mode = LTE/TM1 (Down Ant)

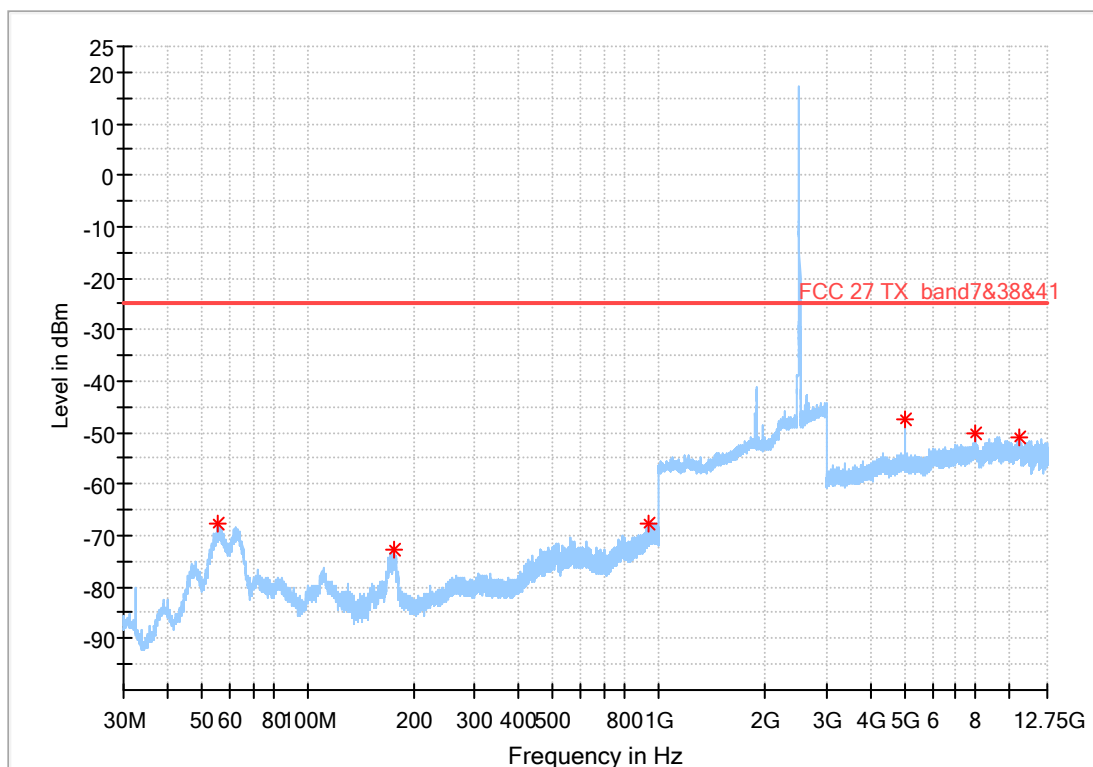
7.1.1.1. Test Channel = LCH_Vertical

Full Spectrum



7.1.1.2. Test Channel = LCH_Horizontal

Full Spectrum

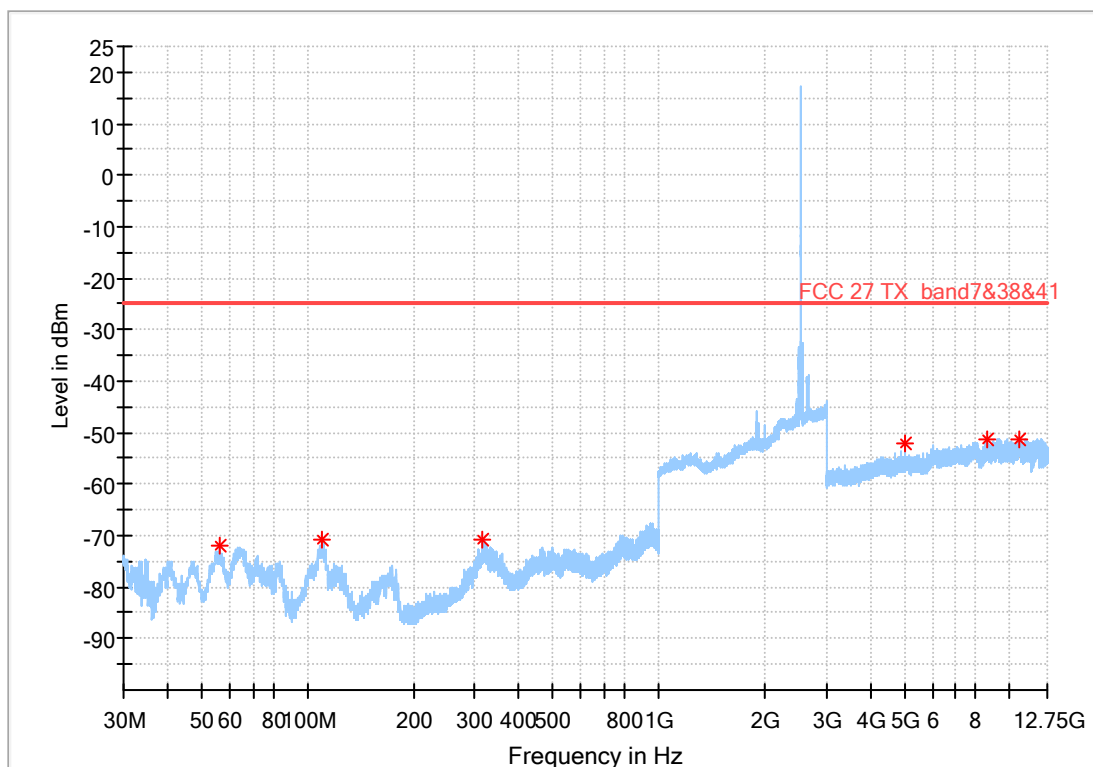


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

7.1.1.3. Test Channel = MCH_Vertical

Full Spectrum



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 (FCC Laboratory)

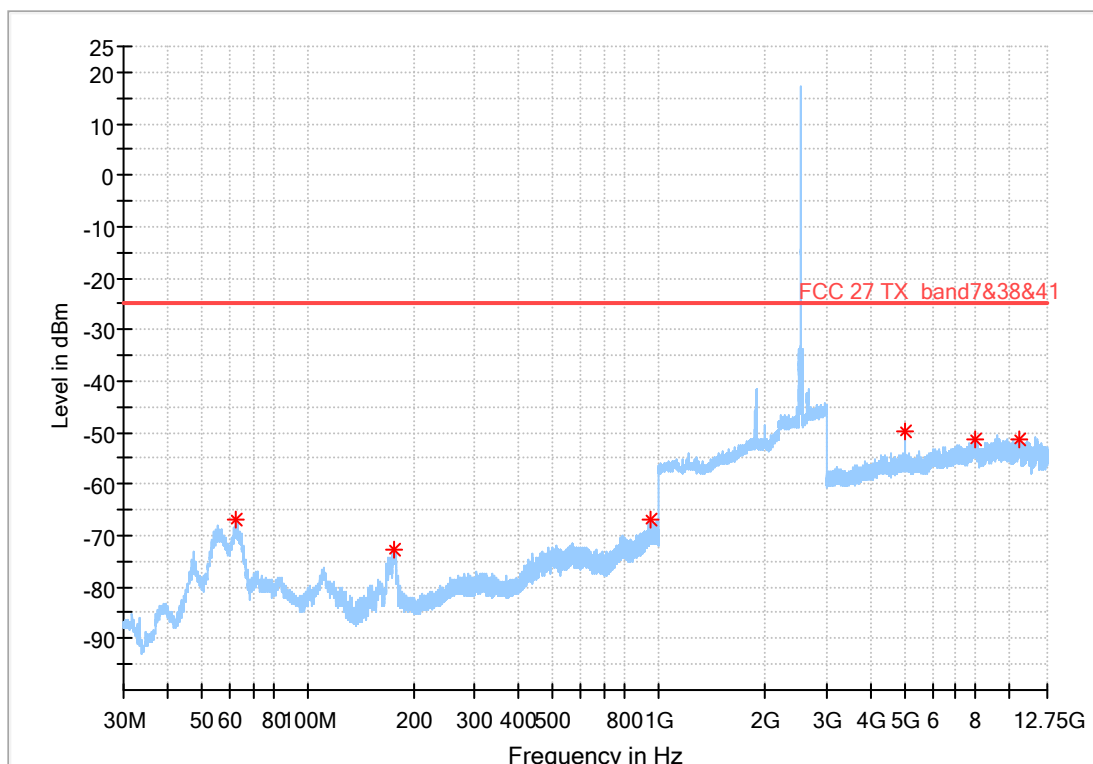
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn
sgs.china@sgs.com

7.1.1.4. Test Channel = MCH_ Horizontal

Full Spectrum

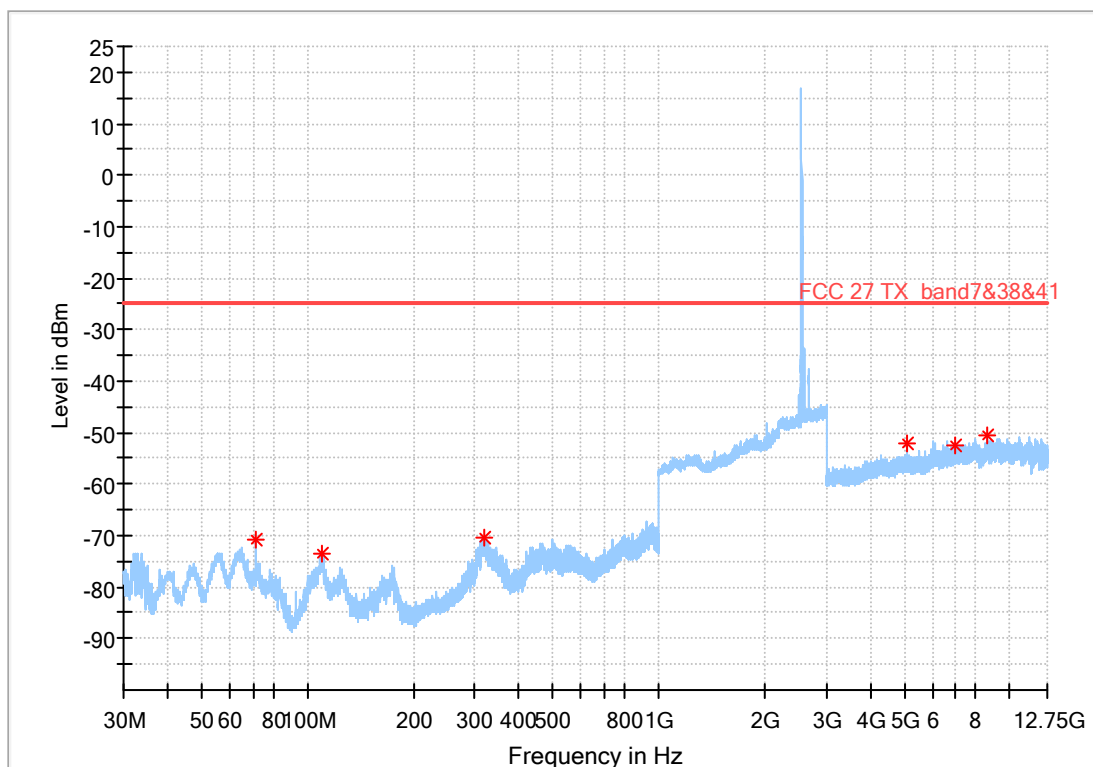


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

7.1.1.5. Test Channel = HCH_Vertical

Full Spectrum



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 (FCC Laboratory)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057

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

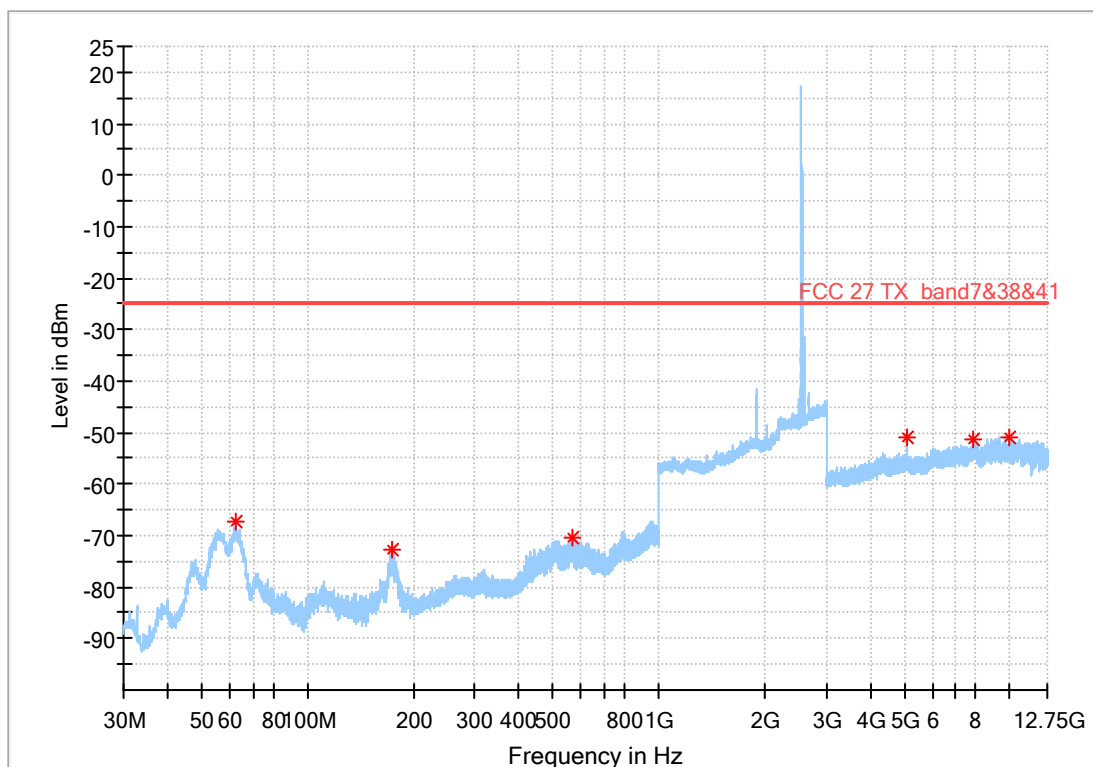
t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn

sgs.china@sgs.com

7.1.1.6. Test Channel = HCH_Horizontal

Full Spectrum



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 (FCC 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

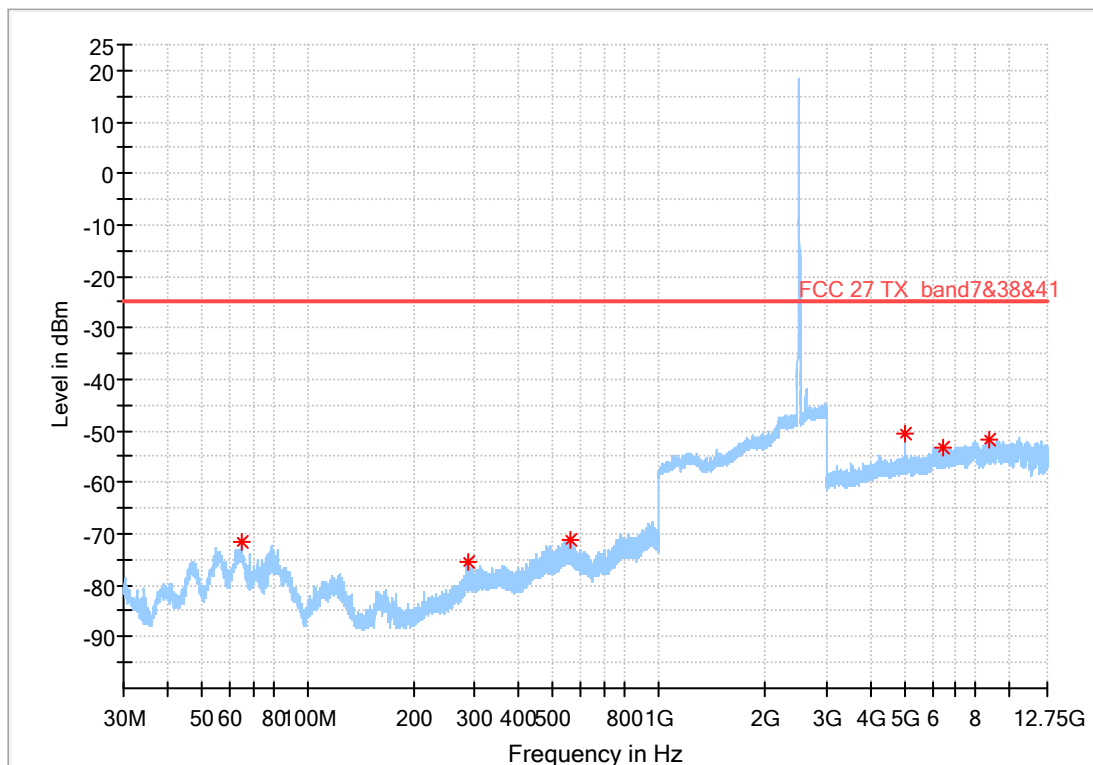
t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com

7.1.2. Test Mode = LTE/TM1 (Up Ant)

7.1.2.1. Test Channel = LCH_ Vertical

Full Spectrum



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 (FCC Laboratory)

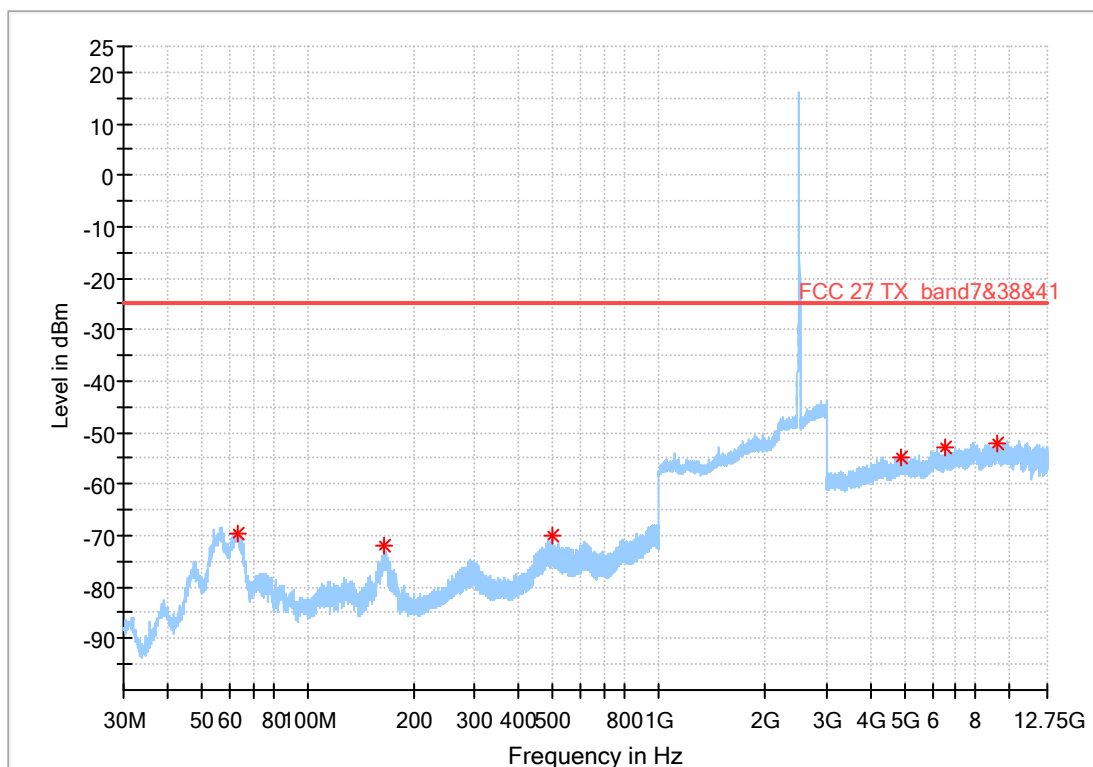
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn
sgs.china@sgs.com

7.1.2.2. Test Channel = LCH_Horizontal

Full Spectrum



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 (FCC Laboratory)

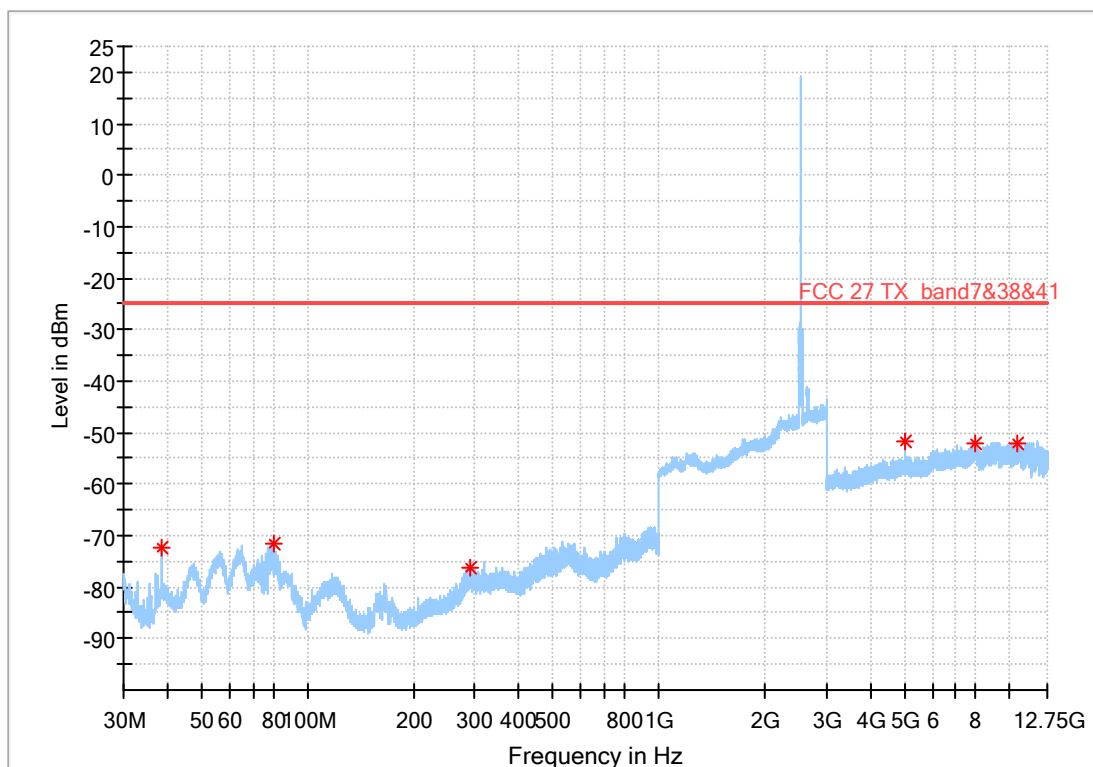
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn
sgs.china@sgs.com

7.1.2.3. Test Channel = MCH_ Vertical

Full Spectrum



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 (FCC Laboratory)

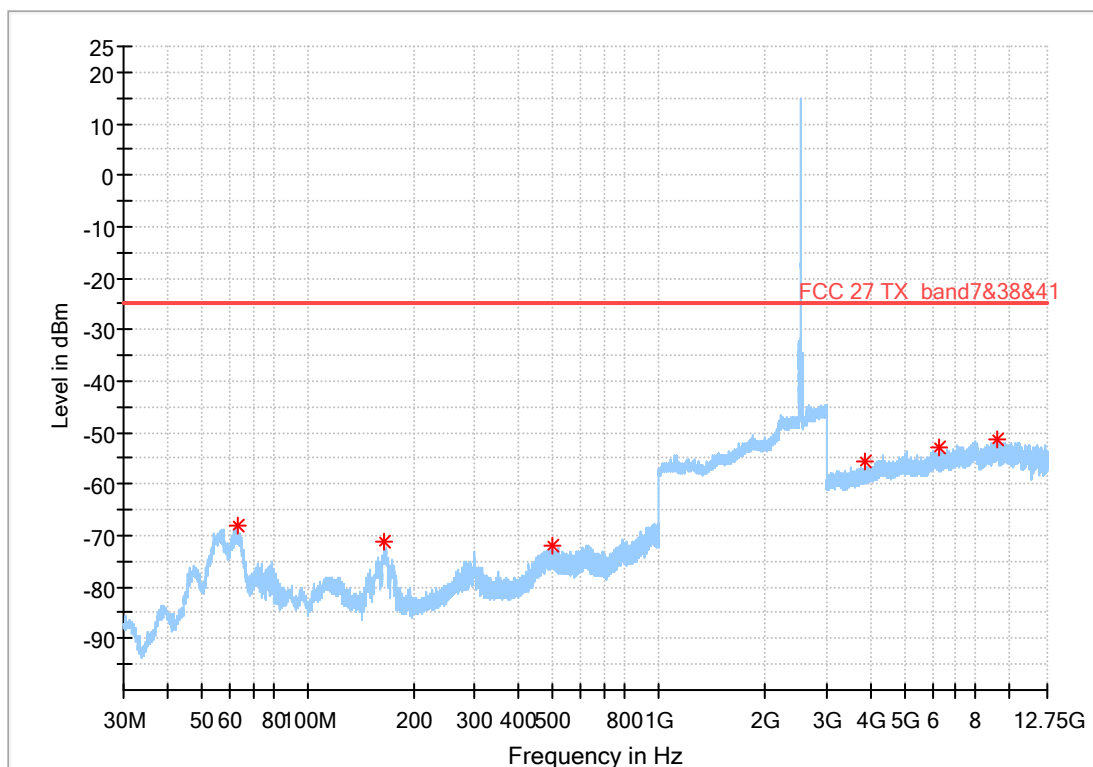
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn
sgs.china@sgs.com

7.1.2.4. Test Channel = MCH_ Horizontal

Full Spectrum



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 (FCC Laboratory)

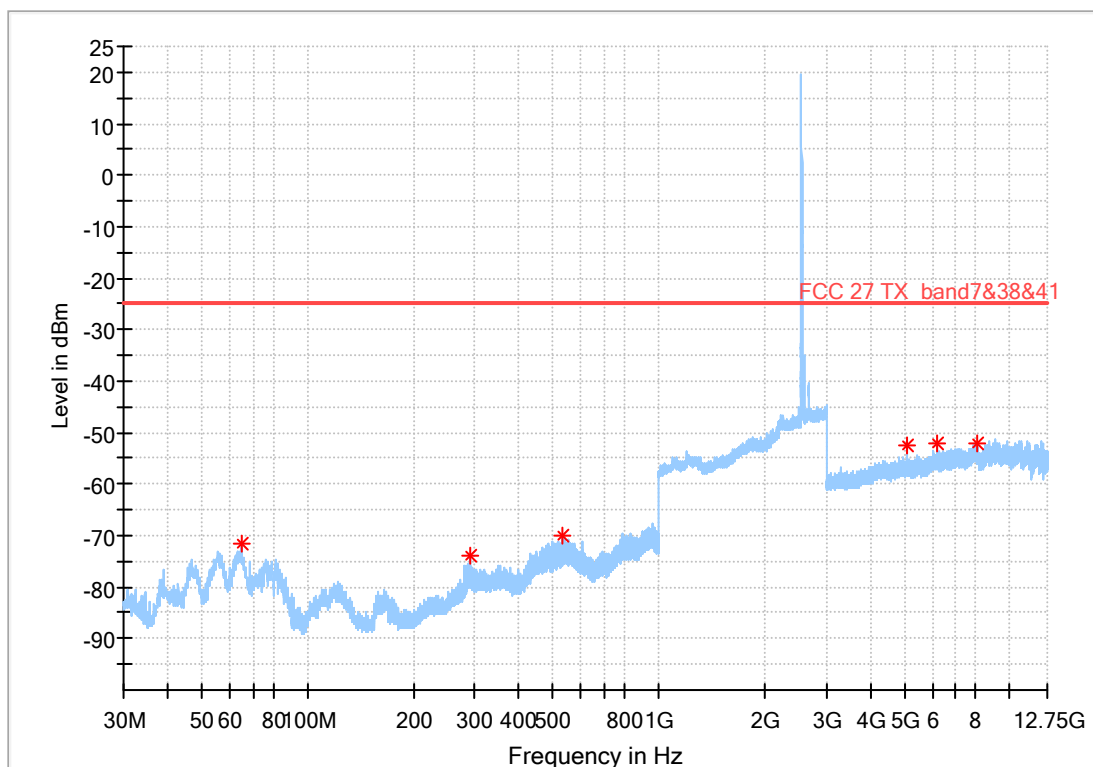
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn
sgs.china@sgs.com

7.1.2.5. Test Channel = HCH_Vertical

Full Spectrum



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 (FCC Laboratory)

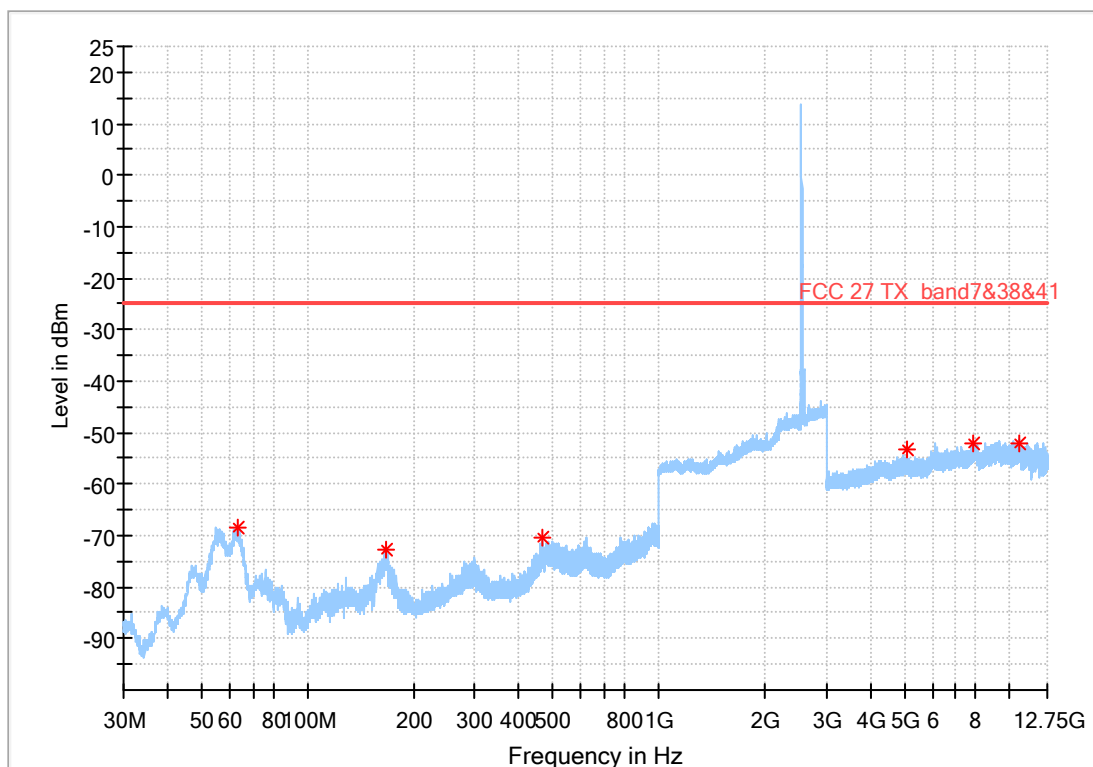
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn
sgs.china@sgs.com

7.1.2.6. Test Channel = HCH_ Horizontal

Full Spectrum



NOTE:

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all combinations and all modulations, but only the worst case data presented in this report.



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



8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	0.50	0.000199	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	0.10	0.000040	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-0.30	-0.000118	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	2.20	0.000868	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-0.40	-0.000158	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	2.60	0.001016	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	2.90	0.001133	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	1.40	0.000547	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	0.60	0.000239	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	0.40	0.000159	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	0.40	0.000159	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-0.80	-0.000316	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	0.40	0.000158	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	0.10	0.000039	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	2.70	0.001055	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	4.00	0.001563	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	3.00	0.001172	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	0.80	0.000319	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-0.20	-0.000080	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	0.70	0.000279	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	0.50	0.000197	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	0.40	0.000158	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	0.40	0.000158	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	2.60	0.001016	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	2.80	0.001094	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	3.40	0.001328	±2.5	PASS



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

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

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



8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	0.60	0.000239	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	0.60	0.000239	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	0.70	0.000279	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	0.60	0.000239	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	0.30	0.000120	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	0.80	0.000319	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	1.10	0.000438	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	0.70	0.000279	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	0.20	0.000079	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	0.60	0.000237	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	0.90	0.000355	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	1.00	0.000394	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	0.80	0.000316	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	0.40	0.000158	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-0.30	-0.000118	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	0.70	0.000276	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	2.60	0.001016	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	3.40	0.001328	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	3.50	0.001367	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	2.30	0.000898	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	1.80	0.000703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	2.70	0.001055	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	3.60	0.001406	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	3.20	0.001250	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	0.40	0.000159	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-0.30	-0.000120	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	0.90	0.000359	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	0.70	0.000279	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	0.90	0.000359	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	0.10	0.000040	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	0.50	0.000199	±2.5	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.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



Band7	20MHz	64QAM	20850	100RB#0	NV	50	1.20	0.000478	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	0.70	0.000276	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	0.90	0.000355	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	0.70	0.000276	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	0.20	0.000079	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	0.70	0.000276	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	0.80	0.000316	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	0.10	0.000039	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	1.70	0.000671	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	2.90	0.001133	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	2.50	0.000977	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	3.10	0.001211	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	2.80	0.001094	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	2.50	0.000977	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	2.80	0.001094	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	2.90	0.001133	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	3.60	0.001406	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	0.80	0.000319	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	0.90	0.000359	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	1.00	0.000398	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	1.00	0.000398	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-0.60	-0.000239	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	0.10	0.000040	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	0.80	0.000319	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	0.30	0.000118	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	0.60	0.000237	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	0.50	0.000197	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	0.30	0.000118	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	1.30	0.000513	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	0.60	0.000237	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	0.60	0.000237	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	0.60	0.000237	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	2.20	0.000859	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	2.80	0.001094	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	3.00	0.001172	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	2.80	0.001094	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	2.00	0.000781	±2.5	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.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



Band7	20MHz	16QAM	21350	100RB#0	NV	30	2.70	0.001055	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	2.30	0.000898	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	2.80	0.001094	±2.5	PASS

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) 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