



Appendix B

E-UTRA Band 38



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

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

CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER.....	4
1.1.	TEST RESULT.....	4
2.	PEAK-TO-AVERAGE RATIO (CCDF).....	20
2.1.	TEST RESULT.....	20
2.2.	TEST PLOTS.....	20
3.	MODULATION CHARACTERISTICS.....	25
3.1.	TEST MODE = LTE /TM1 20MHZ.....	25
3.1.1.	TEST CHANNEL = MCH.....	25
3.2.	TEST MODE = LTE /TM2 20MHZ.....	26
3.2.1.	TEST CHANNEL = MCH.....	26
3.3.	TEST MODE = LTE /TM3 20MHZ.....	27
3.3.1.	TEST CHANNEL = MCH.....	27
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....	28
4.1.	TEST RESULT.....	28
4.2.	TEST PLOTS.....	29
5.	BAND EDGE COMPLIANCE.....	47
5.1.	TEST PLOTS.....	47
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL.....	71
6.1.	TEST PLOTS.....	71
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	83
7.1.	TEST MODE =LTE/TM1 20MHZ.....	83
7.1.1.	TEST CHANNEL = LCH(DOWN ANTENNA).....	83
7.1.2.	TEST CHANNEL = MCH(DOWN ANTENNA).....	83
7.1.3.	TEST CHANNEL = HCH(DOWN ANTENNA).....	84
7.1.4.	TEST CHANNEL = LCH(UP ANTENNA).....	84
7.1.5.	TEST CHANNEL = MCH(UP ANTENNA).....	85
7.1.6.	TEST CHANNEL = HCH(UP ANTENNA).....	85
8.	FREQUENCY STABILITY.....	86



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



8.1.	FREQUENCY VS VOLTAGE.....	86
8.2.	FREQUENCY VS TEMPERATURE.....	87



1 Effective (Isotropic) Radiated Power

1.1. Test Result

For ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#12	23.84	24.39	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#0	23.98	24.53	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.80	24.35	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.97	23.52	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	23.05	23.6	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.99	23.54	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.91	23.46	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.85	24.4	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.95	24.5	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.82	24.37	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.99	23.54	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.94	23.49	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.97	23.52	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.08	23.63	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.75	24.3	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.82	24.37	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.62	24.17	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.81	23.36	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.88	23.43	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.90	23.45	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.88	23.43	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.90	22.45	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	22.05	22.6	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.84	22.39	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.95	21.5	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.94	21.49	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

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



Band38	5MHz	64QAM	37775	12RB#0	20.80	21.35	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.86	21.41	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.98	22.53	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.01	22.56	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.95	22.5	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.91	21.46	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.88	21.43	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.83	21.38	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.09	21.64	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.81	22.36	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.93	22.48	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.73	22.28	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.71	21.26	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.81	21.36	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.69	21.24	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.89	21.44	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.91	23.46	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.01	23.56	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.89	23.44	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.93	22.48	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.92	22.47	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.86	22.41	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.91	22.46	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.04	23.59	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.05	23.6	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.97	23.52	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.89	22.44	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.86	22.41	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.85	22.4	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.10	22.65	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.85	23.4	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.90	23.45	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.74	23.29	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



Band38	5MHz	16QAM	38225	12RB#6	21.75	22.3	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.83	22.38	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.75	22.3	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.90	22.45	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.99	24.54	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.86	24.41	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.98	24.53	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.98	23.53	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.95	23.5	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.01	23.56	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.95	23.5	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.01	24.56	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.88	24.43	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.92	24.47	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.02	23.57	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.98	23.53	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.96	23.51	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.03	23.58	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.97	24.52	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.82	24.37	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.81	24.36	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.90	23.45	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.90	23.45	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.94	23.49	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.88	23.43	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.05	22.6	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.95	22.5	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.05	22.6	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	21.02	21.57	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.95	21.5	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.96	21.51	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.94	21.49	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.10	22.65	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



Band38	10MHz	64QAM	38000	1RB#49	22.00	22.55	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.00	22.55	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	21.01	21.56	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.82	21.37	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.94	21.49	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.05	21.6	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.96	22.51	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.91	22.46	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.89	22.44	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.97	21.52	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.79	21.34	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.92	21.47	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.96	21.51	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.06	23.61	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.95	23.5	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.06	23.61	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.99	22.54	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.95	22.5	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.94	22.49	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.00	22.55	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.06	23.61	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.96	23.51	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.98	23.53	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.06	22.61	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.82	22.37	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.99	22.54	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.03	22.58	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.01	23.56	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.91	23.46	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.87	23.42	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.97	22.52	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.83	22.38	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.88	22.43	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

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

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



Band38	10MHz	16QAM	38200	50RB#0	22.01	22.56	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.88	24.43	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.97	24.52	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.86	24.41	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.98	23.53	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#18	22.97	23.52	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.97	23.52	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.95	23.5	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.94	24.49	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.98	24.53	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.82	24.37	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.99	23.54	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	23.00	23.55	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.91	23.46	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.01	23.56	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.80	24.35	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.81	24.36	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.69	24.24	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.84	23.39	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.87	23.42	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.82	23.37	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.83	23.38	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.95	22.5	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.96	22.51	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.84	22.39	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#39	20.96	21.51	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.97	21.52	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#0	20.97	21.52	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.99	21.54	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.98	22.53	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.07	22.62	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.82	22.37	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.93	21.48	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



Band38	15MHz	64QAM	38000	36RB#18	20.97	21.52	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#39	20.88	21.43	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.99	21.54	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	22.01	22.56	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.92	22.47	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.68	22.23	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.85	21.4	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.78	21.33	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#0	20.85	21.4	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.89	21.44	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.93	23.48	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.99	23.54	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.88	23.43	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.93	22.48	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.98	22.53	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.93	22.48	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.00	22.55	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.99	23.54	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.06	23.61	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.87	23.42	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.92	22.47	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.98	22.53	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.94	22.49	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.02	22.57	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.01	23.56	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.95	23.5	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.71	23.26	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.87	22.42	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.81	22.36	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.85	22.4	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.87	22.42	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.70	24.25	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.03	24.58	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



Band38	20MHz	QPSK	37850	1RB#99	23.64	24.19	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.98	23.53	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.87	23.42	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.91	23.46	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.02	23.57	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.80	24.35	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.01	24.56	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.63	24.18	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.98	23.53	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.90	23.45	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.88	23.43	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.98	23.53	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.70	24.25	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.88	24.43	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.51	24.06	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.87	23.42	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.97	23.52	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.86	23.41	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.86	23.41	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.34	21.89	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.78	22.33	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.28	21.83	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	21.05	21.6	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	21.01	21.56	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	21.00	21.55	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.08	21.63	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.40	21.95	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.67	22.22	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.27	21.82	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	21.07	21.62	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	21.08	21.63	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.96	21.51	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.99	21.54	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

Band38	20MHz	64QAM	38150	1RB#99	21.39	21.94	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.68	22.23	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.14	21.69	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	21.02	21.57	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	21.00	21.55	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.93	21.48	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.99	21.54	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.78	23.33	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.05	23.6	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.73	23.28	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.98	22.53	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.95	22.5	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.00	22.55	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.94	22.49	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.86	23.41	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.04	23.59	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.66	23.21	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	22.03	22.58	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.03	22.58	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.96	22.51	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.99	22.54	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.79	23.34	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.00	23.55	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.57	23.12	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.95	22.5	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.05	22.6	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.88	22.43	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.91	22.46	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

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

For ANT2:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#12	23.73	23.04	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#0	23.87	23.18	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.72	23.03	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.89	22.2	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.92	22.23	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.89	22.2	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.82	22.13	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.82	23.13	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.84	23.15	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.64	22.95	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.87	22.18	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.92	22.23	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.82	22.13	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.79	22.1	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.62	22.93	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.80	23.11	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.56	22.87	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.77	22.08	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.85	22.16	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.82	22.13	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.76	22.07	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.83	21.14	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.97	21.28	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.71	21.02	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.79	20.1	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.80	20.11	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.83	20.14	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.79	20.1	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.81	21.12	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.94	21.25	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.71	21.02	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-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



Band38	5MHz	64QAM	38000	12RB#0	20.86	20.17	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.84	20.15	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.77	20.08	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.87	20.18	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.76	21.07	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.83	21.14	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.71	21.02	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.66	19.97	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.76	20.07	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.68	19.99	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.71	20.02	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.84	22.15	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.96	22.27	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.75	22.06	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.79	21.1	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.78	21.09	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.80	21.11	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.84	21.15	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.86	22.17	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.95	22.26	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.76	22.07	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.83	21.14	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.86	21.17	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.78	21.09	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.87	21.18	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.77	22.08	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.86	22.17	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.69	22	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.69	21	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.76	21.07	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.68	20.99	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.73	21.04	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.85	23.16	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.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

Band38	10MHz	QPSK	37800	1RB#49	23.69	23	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.86	23.17	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.92	22.23	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.85	22.16	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.86	22.17	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.83	22.14	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.94	23.25	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.79	23.1	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.89	23.2	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.90	22.21	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.95	22.26	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.84	22.15	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.88	22.19	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.85	23.16	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.66	22.97	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.69	23	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.81	22.12	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.81	22.12	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.81	22.12	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.78	22.09	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.84	21.15	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.84	21.15	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.89	21.2	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.96	20.27	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.85	20.16	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.86	20.17	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.92	20.23	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.96	21.27	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.88	21.19	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.92	21.23	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.93	20.24	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.97	20.28	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.87	20.18	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 notified that alteration, tampering or reproduction of the document may constitute an offence under applicable law and may be subject to Client's sanctions. The Company assumes sole responsibility for its liability and this document does not concern any other party 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 expiration date of this document is strictly prohibited. The Company is not responsible for the results obtained, 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.

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

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



Band38	10MHz	64QAM	38000	50RB#0	20.98	20.29	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.94	21.25	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.70	21.01	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.81	21.12	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.81	20.12	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.73	20.04	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.72	20.03	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.84	20.15	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.81	22.12	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.80	22.11	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.86	22.17	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.92	21.23	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.83	21.14	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.89	21.2	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.89	21.2	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.02	22.33	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.85	22.16	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.88	22.19	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.93	21.24	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.93	21.24	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.85	21.16	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.03	21.34	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.78	22.09	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.91	22.22	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.76	22.07	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.80	22.11	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.85	21.16	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.77	21.08	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.78	21.09	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.73	23.04	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.78	23.09	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.73	23.04	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	22.94	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

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

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



Band38	15MHz	QPSK	37825	36RB#18	22.87	22.18	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.83	22.14	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.82	22.13	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.79	23.1	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.86	23.17	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.67	22.98	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.91	22.22	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	22.90	22.21	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	22.83	22.14	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.86	22.17	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.76	23.07	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.74	23.05	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.59	22.9	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	22.82	22.13	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.77	22.08	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	22.74	22.05	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.75	22.06	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.75	21.06	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.83	21.14	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.81	21.12	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#39	20.83	20.14	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.74	20.05	33.00	PASS
Band38	15MHz	64QAM	37825	36RB#0	20.82	20.13	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.86	20.17	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.90	21.21	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.93	21.24	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.73	21.04	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.85	20.16	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#18	20.78	20.09	33.00	PASS
Band38	15MHz	64QAM	38000	36RB#39	20.77	20.08	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.87	20.18	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.78	21.09	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.79	21.1	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



Band38	15MHz	64QAM	38175	1RB#74	21.70	21.01	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.74	20.05	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.76	20.07	33.00	PASS
Band38	15MHz	64QAM	38175	36RB#0	20.66	19.97	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.82	20.13	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.80	22.11	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.84	22.15	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.80	22.11	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.84	21.15	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.77	21.08	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.85	21.16	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.88	21.19	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.89	22.2	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.92	22.23	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.77	22.08	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.90	21.21	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.80	21.11	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.77	21.08	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.92	21.23	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.83	22.14	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.79	22.1	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.69	22	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.76	21.07	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.73	21.04	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.70	21.01	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.88	21.19	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.60	22.91	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.84	23.15	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.54	22.85	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.79	22.1	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.75	22.06	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.84	22.15	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.80	22.11	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



Band38	20MHz	QPSK	38000	1RB#99	23.61	22.92	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.82	23.13	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.44	22.75	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.78	22.09	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.80	22.11	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.76	22.07	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.74	22.05	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.61	22.92	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.77	23.08	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.42	22.73	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.80	22.11	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.73	22.04	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.79	22.1	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.75	22.06	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.27	20.58	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.64	20.95	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.18	20.49	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.94	20.25	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.92	20.23	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.93	20.24	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.97	20.28	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.40	20.71	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.64	20.95	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.15	20.46	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.99	20.3	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.97	20.28	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.94	20.25	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.92	20.23	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.30	20.61	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.48	20.79	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.05	20.36	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.95	20.26	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.91	20.22	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-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

Band38	20MHz	64QAM	38150	50RB#25	20.91	20.22	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.95	20.26	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.64	21.95	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.93	22.24	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.62	21.93	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.95	21.26	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.91	21.22	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.90	21.21	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.92	21.23	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.69	22	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.90	22.21	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.52	21.83	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.86	21.17	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.88	21.19	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.83	21.14	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.80	21.11	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.71	22.02	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.88	22.19	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.51	21.82	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.93	21.24	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.89	21.2	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.83	21.14	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.87	21.18	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]

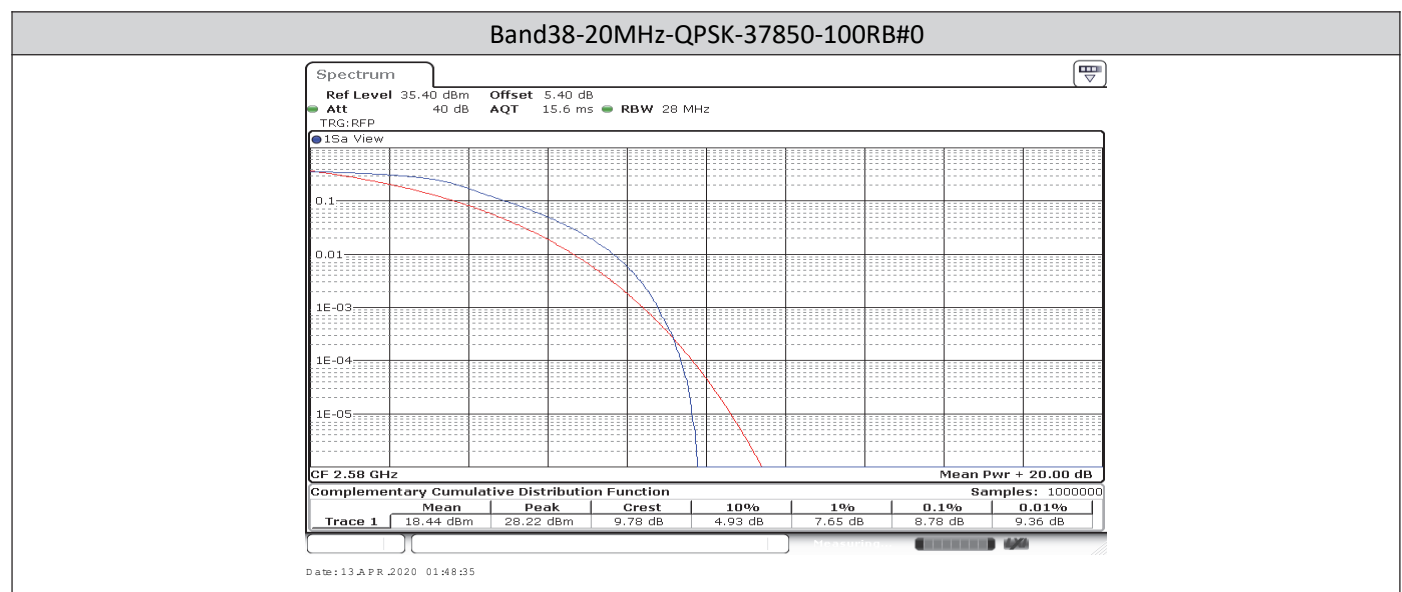


2. Peak-to-Average Ratio (CCDF)

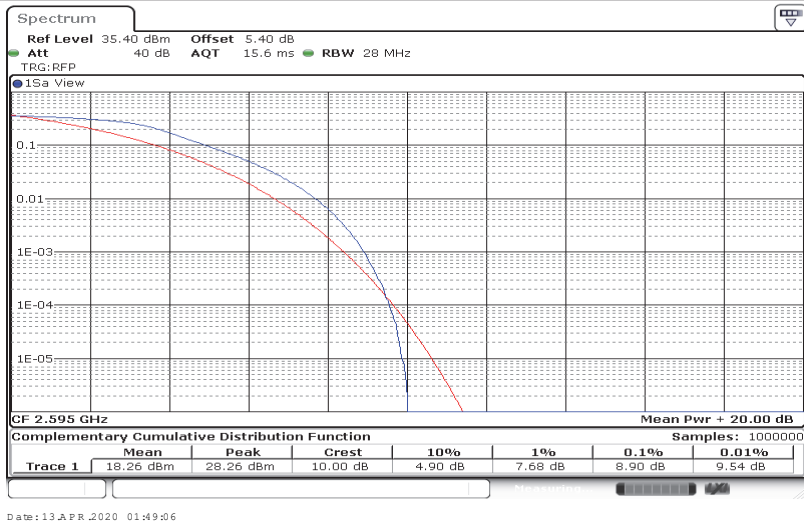
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.78	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.90	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.04	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	10.29	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	6.61	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	6.64	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.54	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.65	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.74	13	PASS

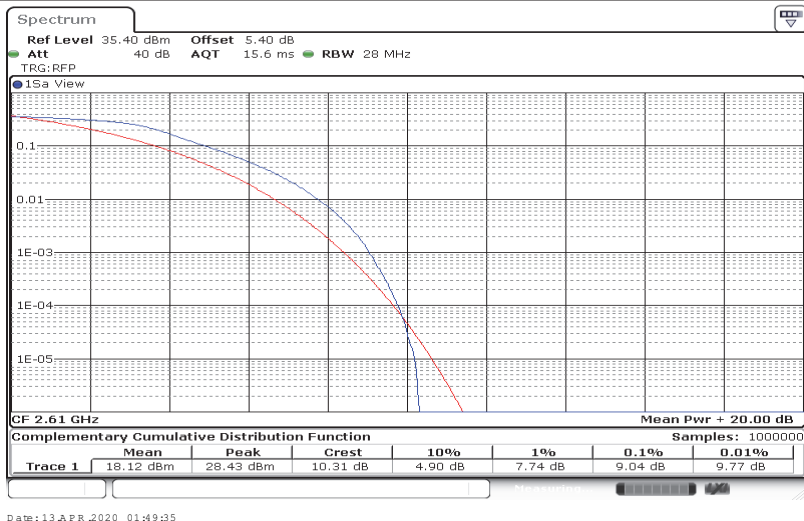
2.2. Test Plots



Band38-20MHz-QPSK-38000-100RB#0



Band38-20MHz-QPSK-38150-100RB#0

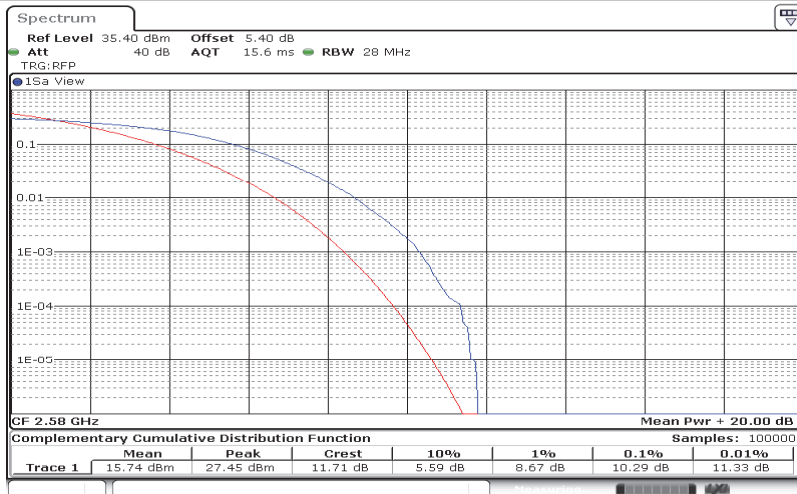


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

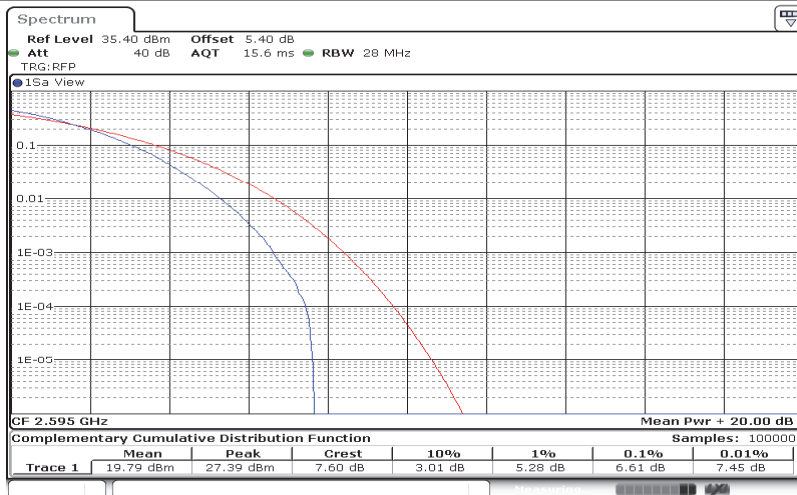


Band38-20MHz-64QAM-37850-100RB#0



Date: 6 MAY.2020 12:03:53

Band38-20MHz-64QAM-38000-100RB#0

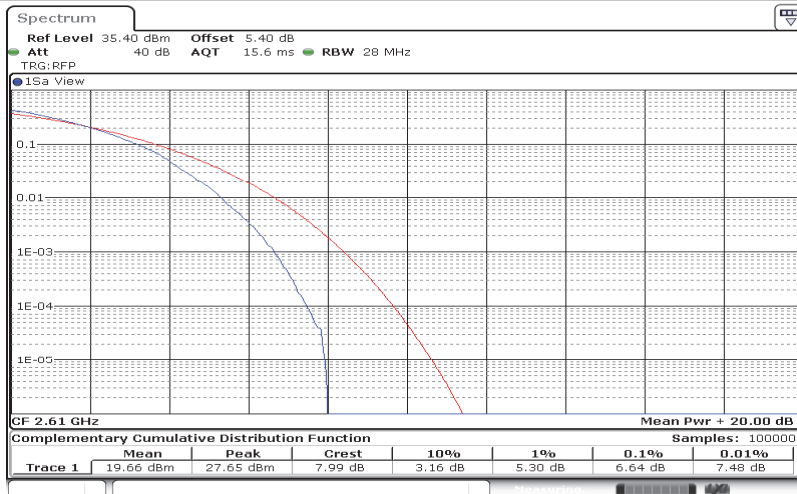


Date: 6 MAY.2020 12:04:08



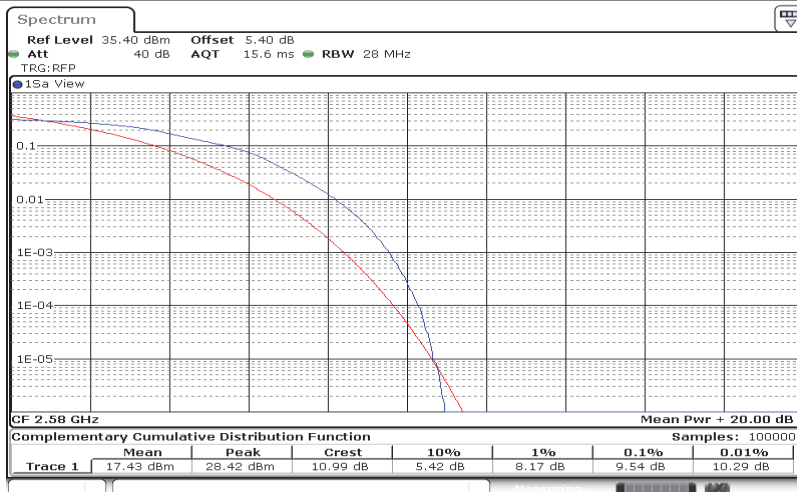


Band38-20MHz-64QAM-38150-100RB#0



Date: 6 MAY 2020 12:04:24

Band38-20MHz-16QAM-37850-100RB#0

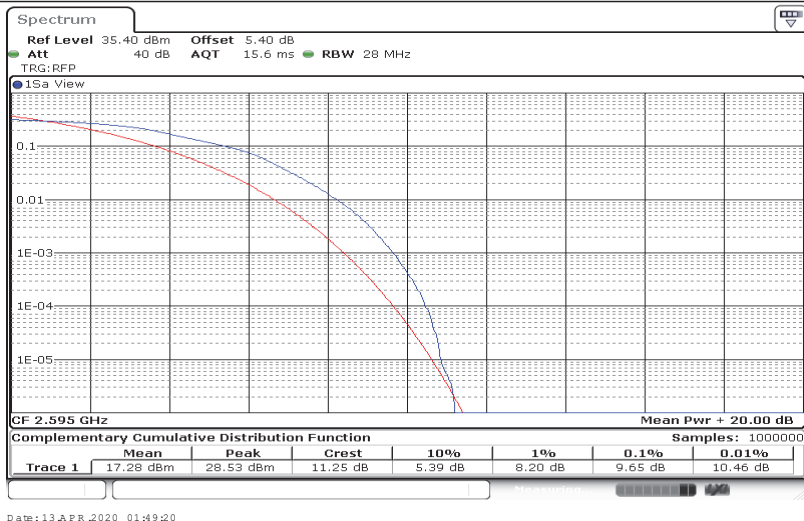


Date: 13 APR 2020 01:48:51

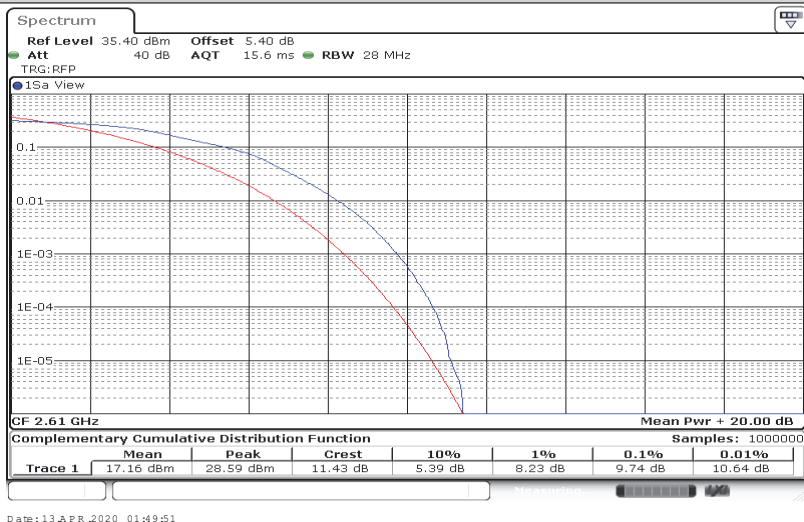




Band38-20MHz-16QAM-38000-100RB#0



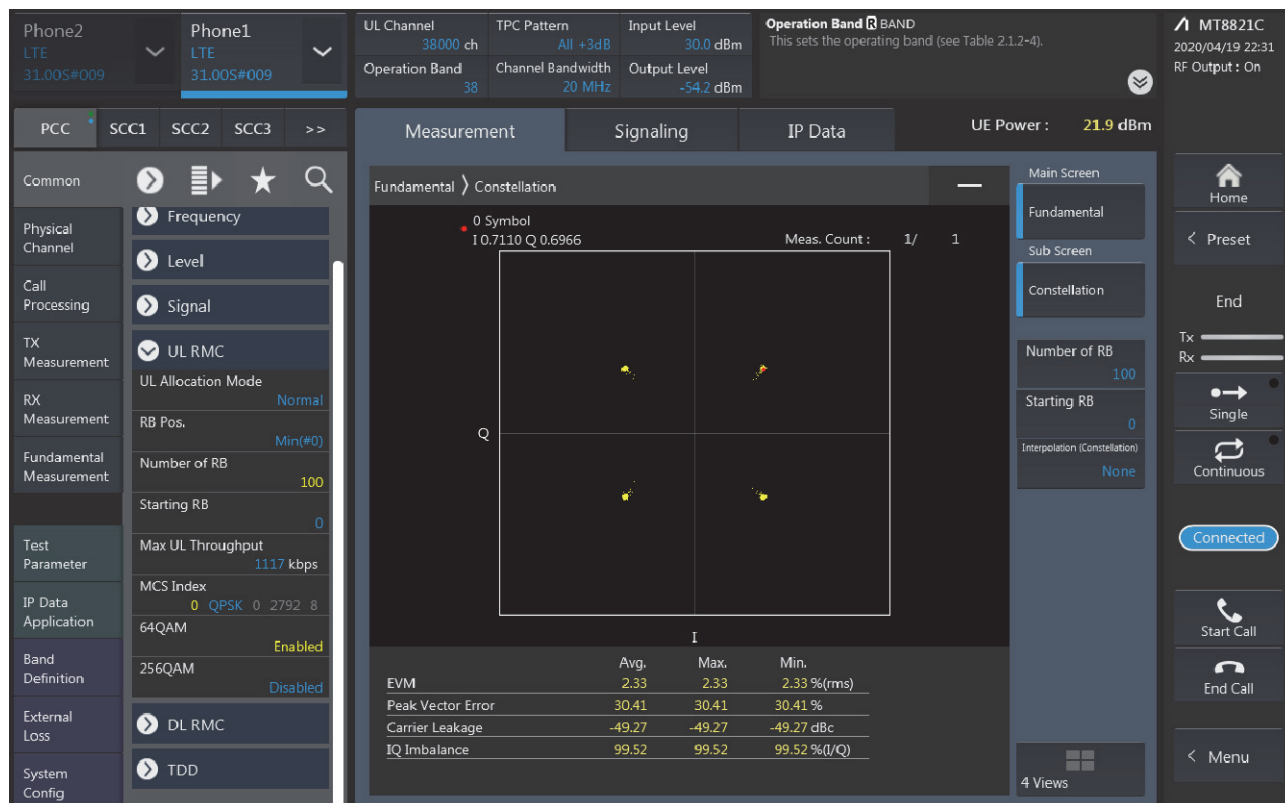
Band38-20MHz-16QAM-38150-100RB#0



3. Modulation Characteristics

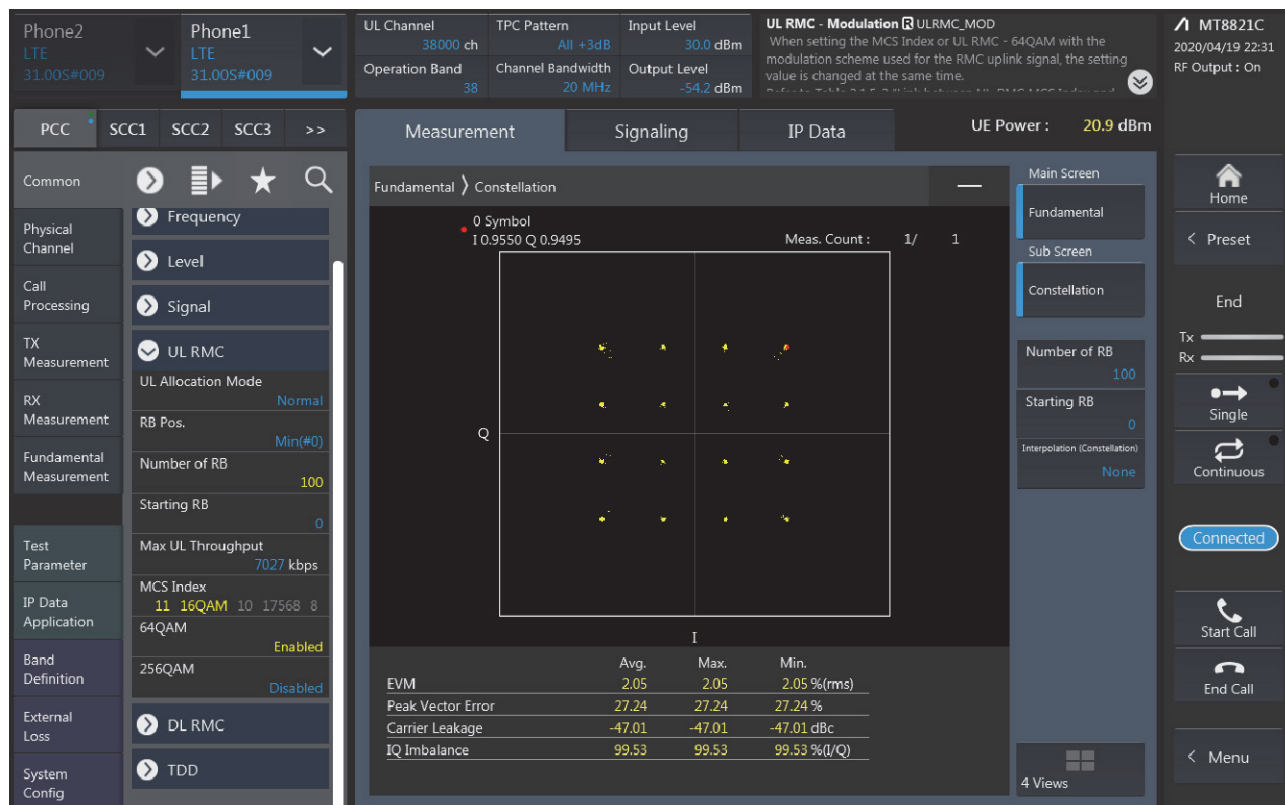
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



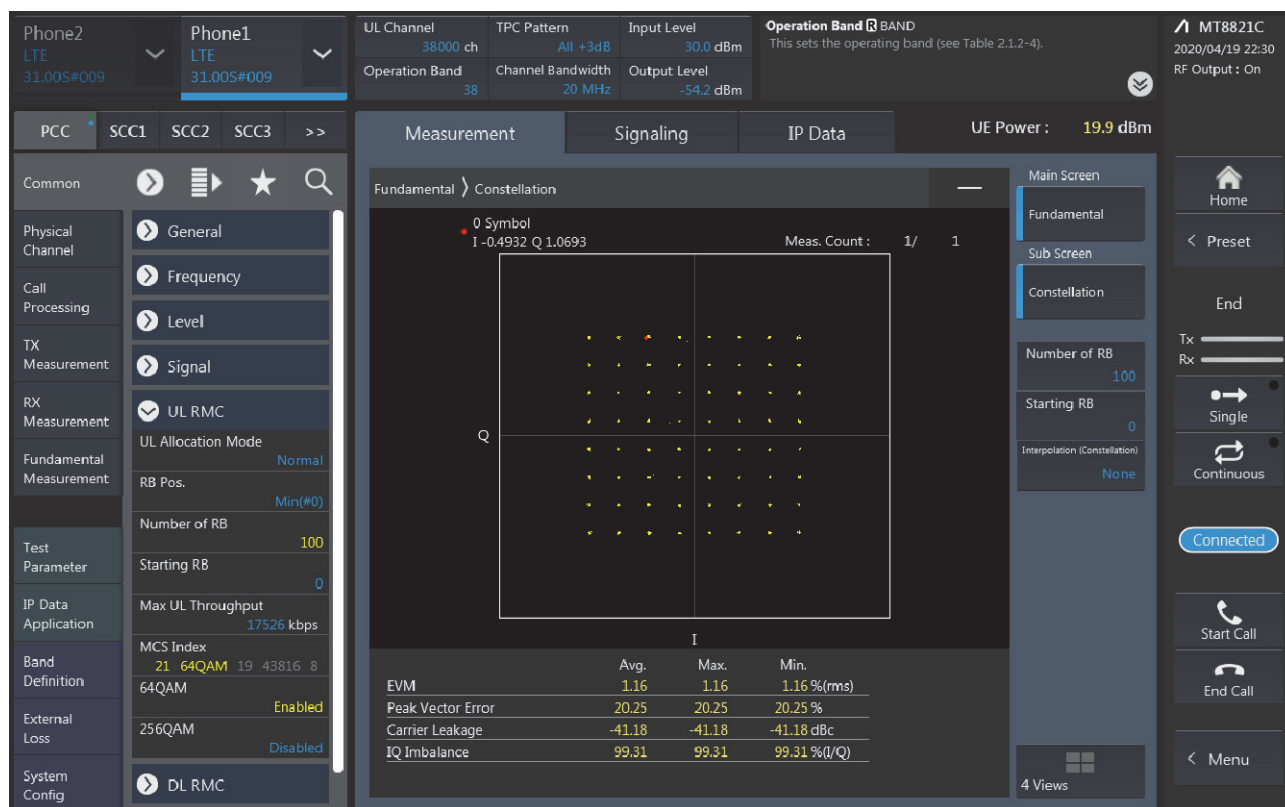
3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



3.3. Test Mode = LTE /TM3 20MHz

3.3.1. 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
Band38	5MHz	QPSK	37775	25RB#0	4.486	4.710	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.710	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.690	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.456	4.720	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.476	4.730	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.446	4.750	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.730	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.740	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.760	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.951	9.300	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.871	9.280	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.740	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.931	9.240	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.951	9.220	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.991	9.420	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.951	9.480	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.260	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.011	9.320	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.636	14.400	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.576	14.730	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.427	15.000	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.397	14.490	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.636	14.250	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.427	14.730	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.576	14.250	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.546	14.610	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.427	14.190	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.822	18.760	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.862	18.760	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.862	18.760	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.982	18.640	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.

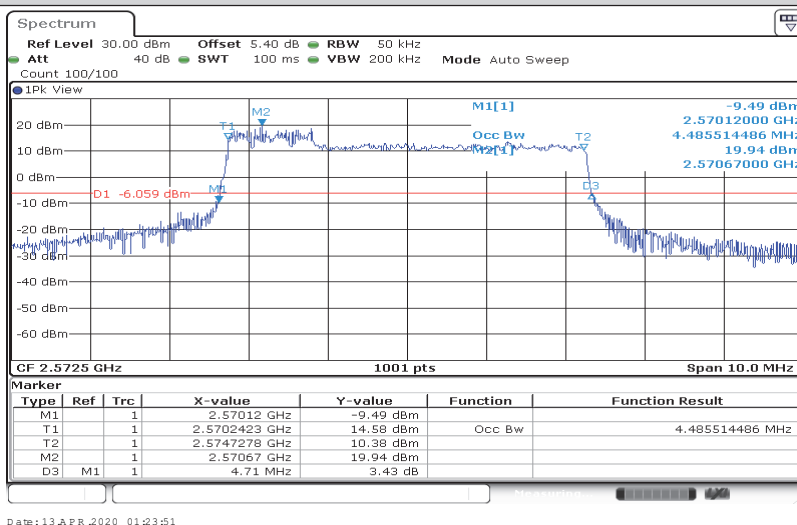
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



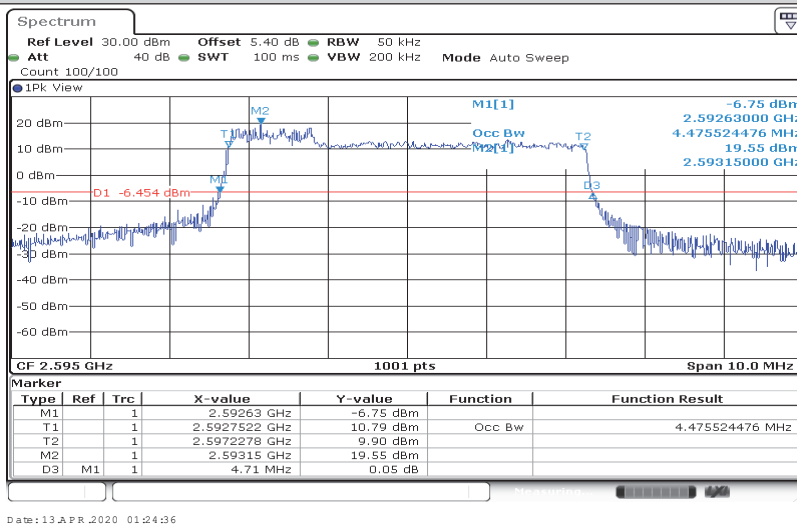
Band38	20MHz	64QAM	38000	100RB#0	18.102	19.040	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.782	18.640	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.942	19.400	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.062	18.720	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.142	19.360	PASS

4.2. Test Plots

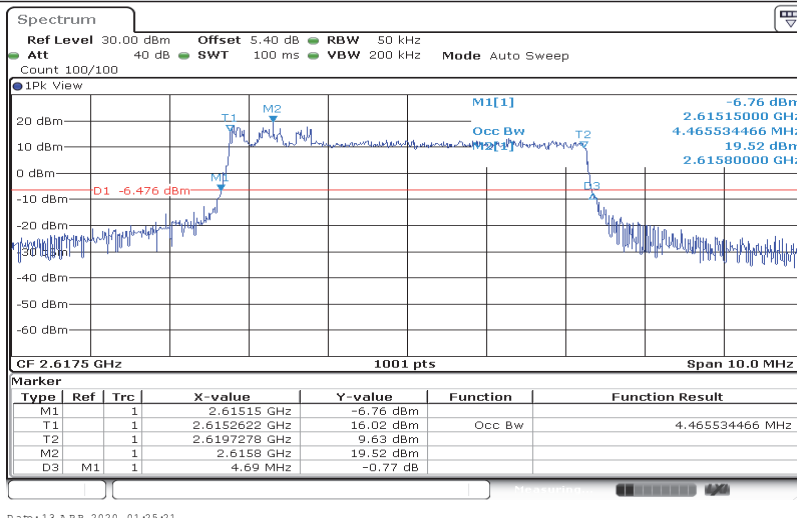
Band38-5MHz-QPSK-37775-25RB#0-4.486



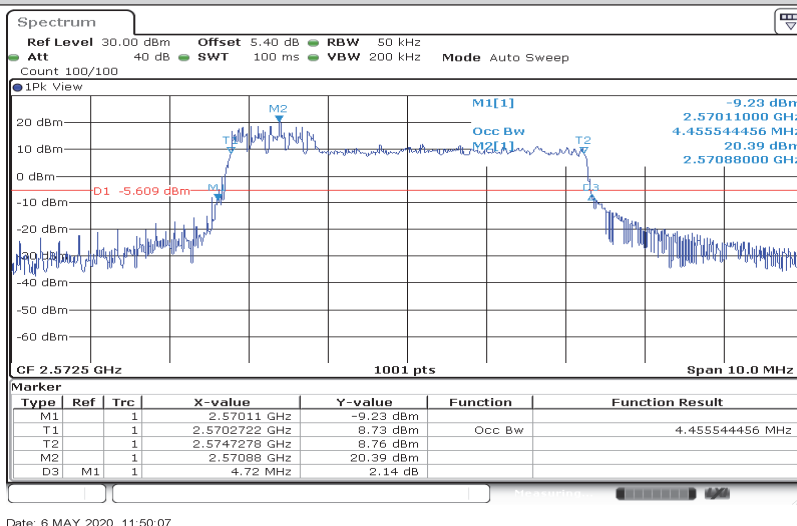
Band38-5MHz-QPSK-38000-25RB#0-4.476



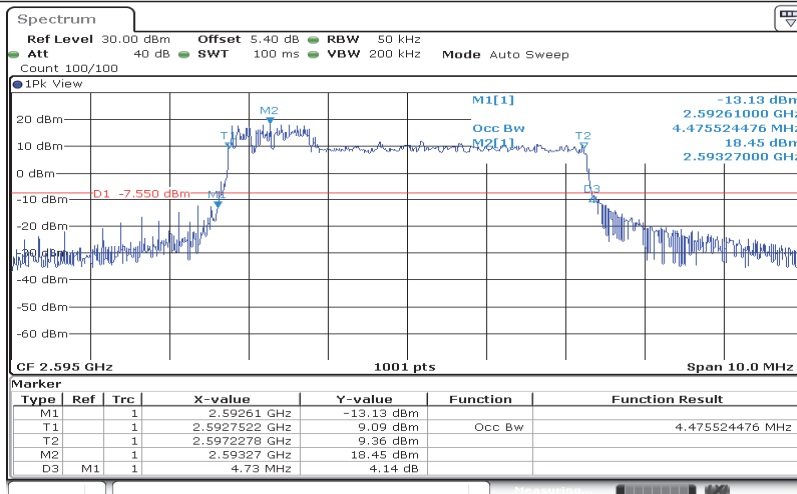
Band38-5MHz-QPSK-38225-25RB#0-4.466



Band38-5MHz-64QAM-37775-25RB#0-4.456

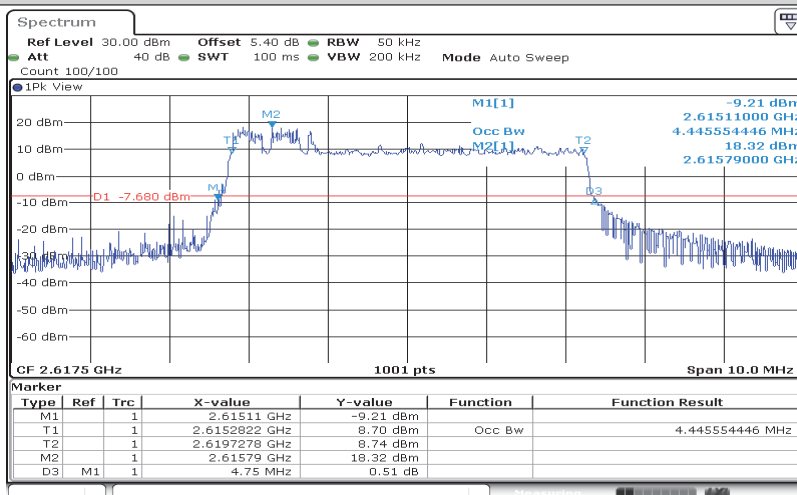


Band38-5MHz-64QAM-38000-25RB#0-4.476



Date: 6.MAY.2020 11:50:26

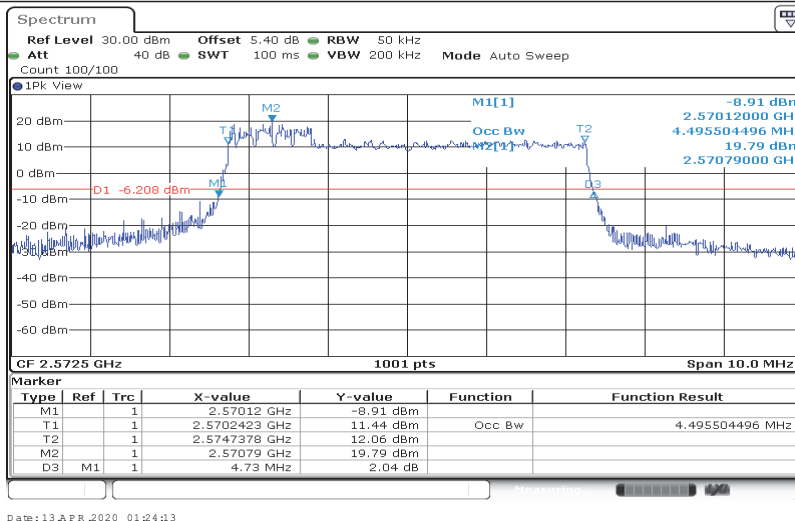
Band38-5MHz-64QAM-38225-25RB#0-4.446



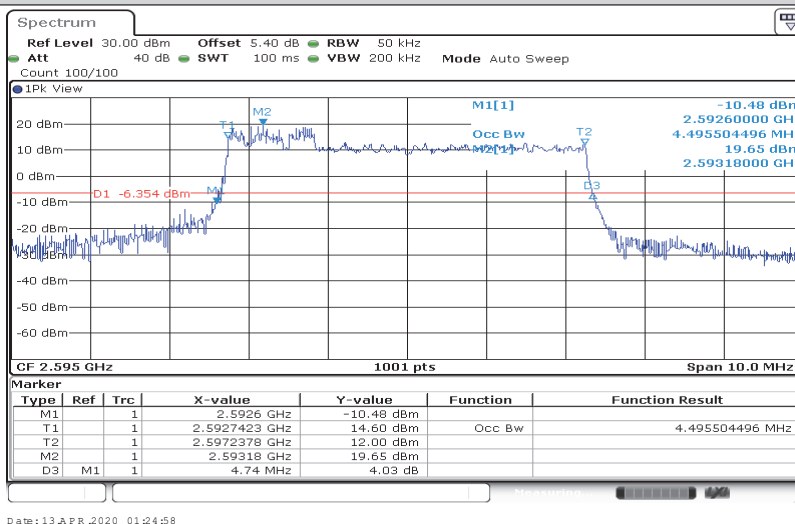
Date: 6.MAY.2020 11:50:46



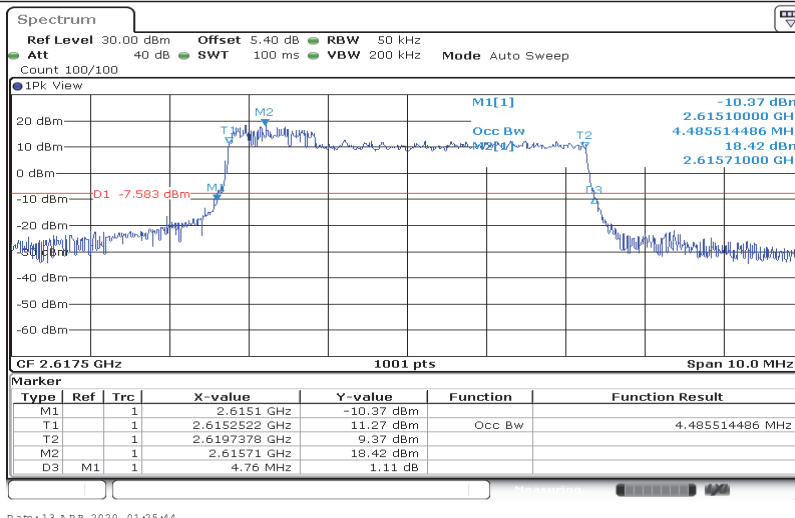
Band38-5MHz-16QAM-37775-25RB#0-4.496



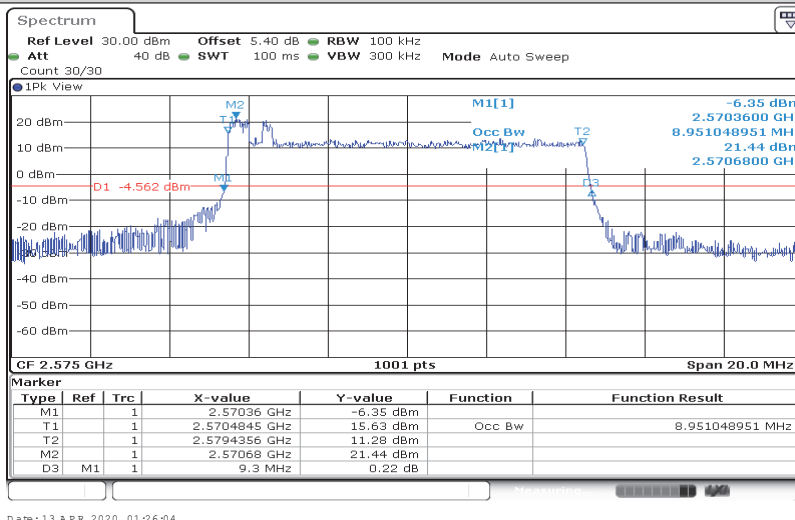
Band38-5MHz-16QAM-38000-25RB#0-4.496



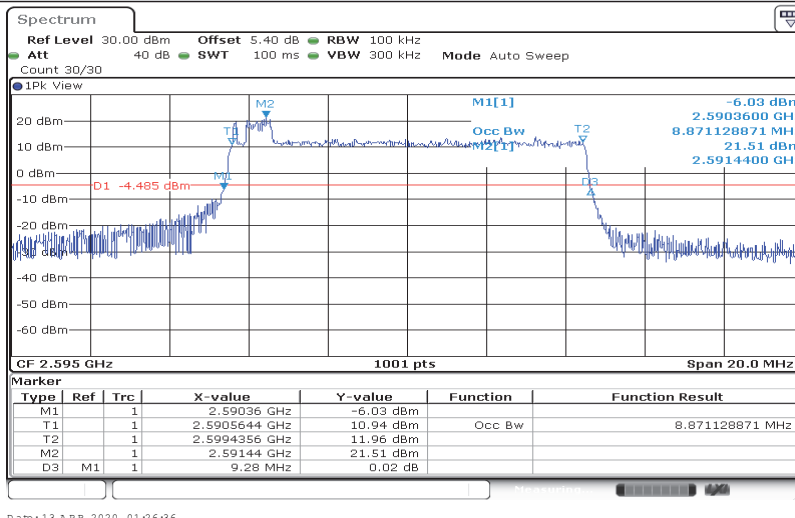
Band38-5MHz-16QAM-38225-25RB#0-4.486



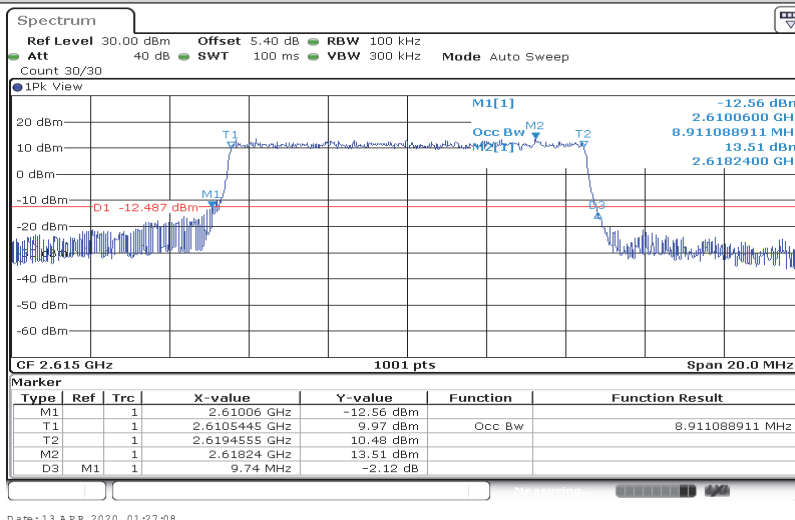
Band38-10MHz-QPSK-37800-50RB#0-8.951



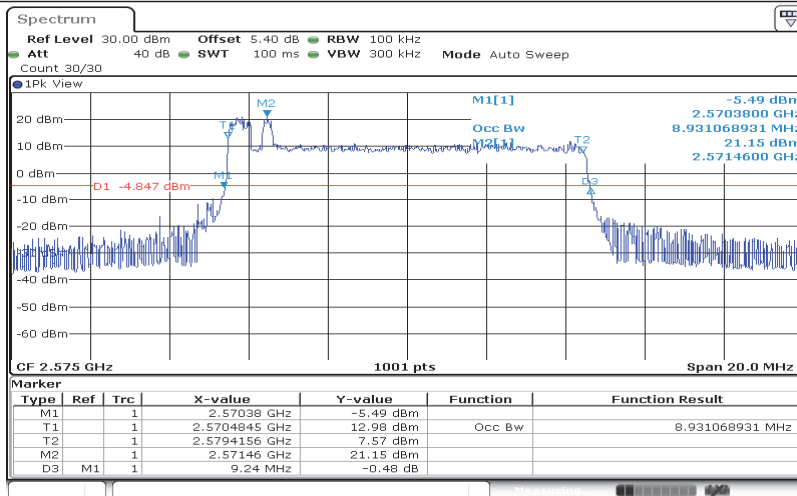
Band38-10MHz-QPSK-38000-50RB#0-8.871



Band38-10MHz-QPSK-38200-50RB#0-8.911

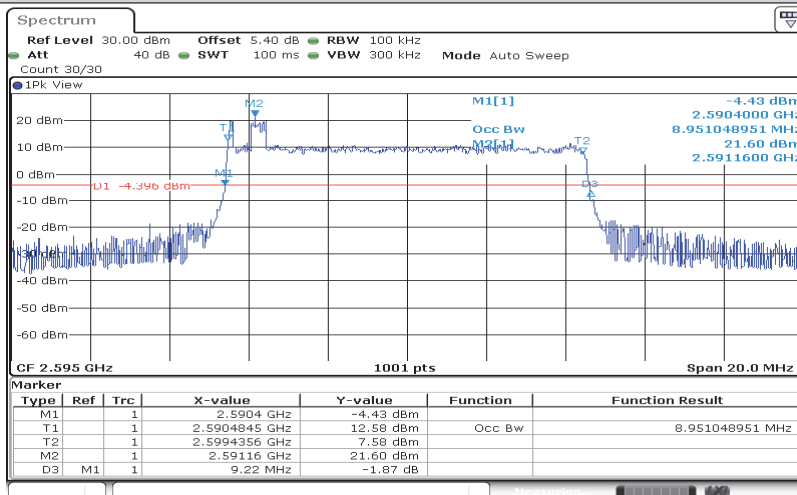


Band38-10MHz-64QAM-37800-50RB#0-8.931



Date: 6.MAY.2020 11:51:04

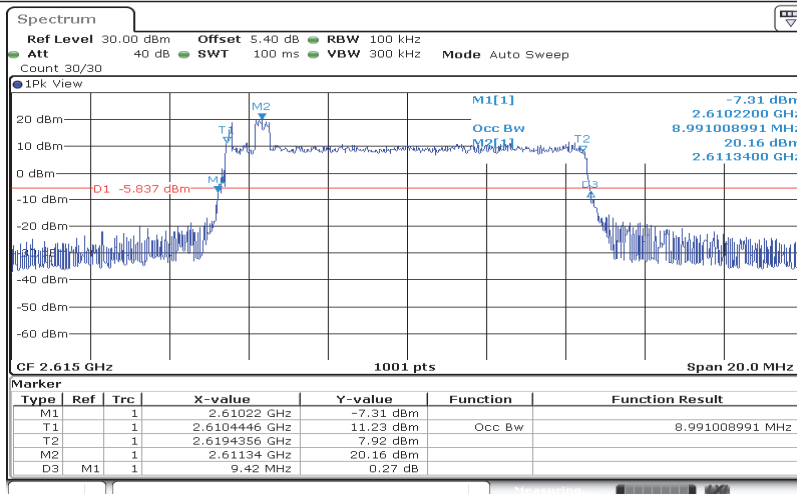
Band38-10MHz-64QAM-38000-50RB#0-8.951



Date: 6.MAY.2020 11:51:17

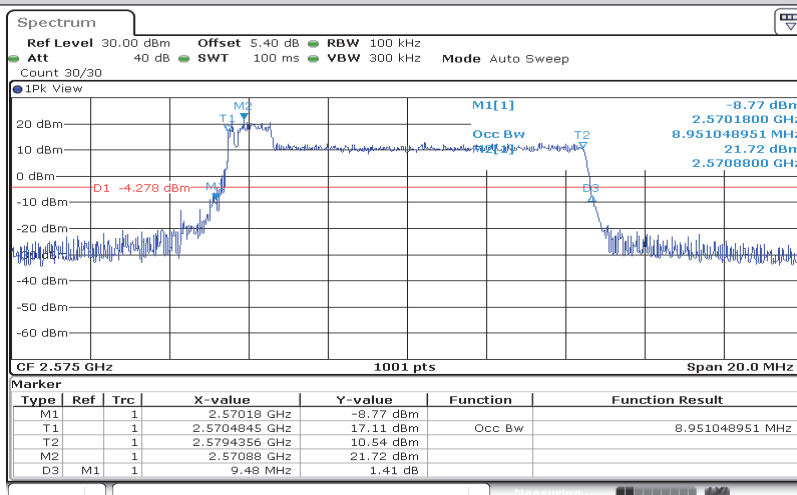


Band38-10MHz-64QAM-38200-50RB#0-8.991



Date: 6 MAY 2020 11:51:30

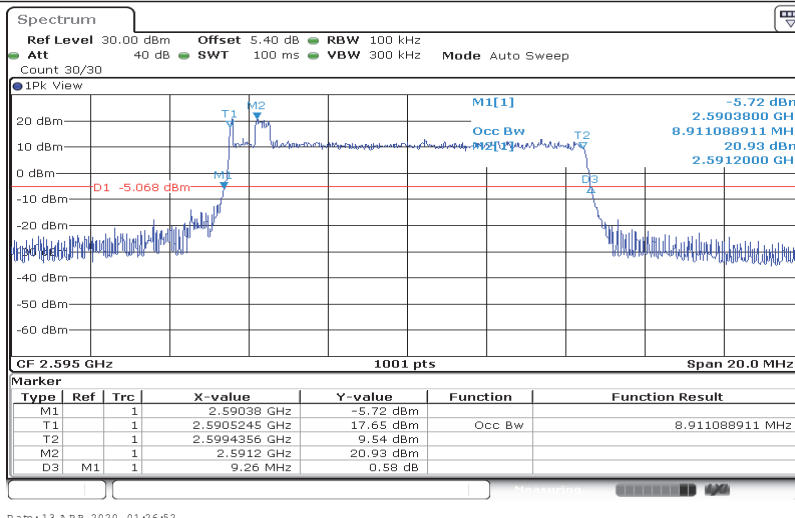
Band38-10MHz-16QAM-37800-50RB#0-8.951



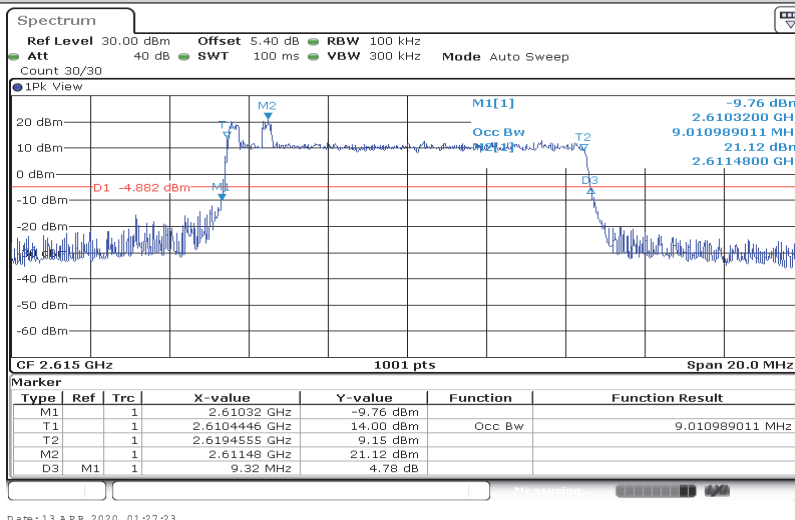
Date: 13 APR 2020 01:26:20



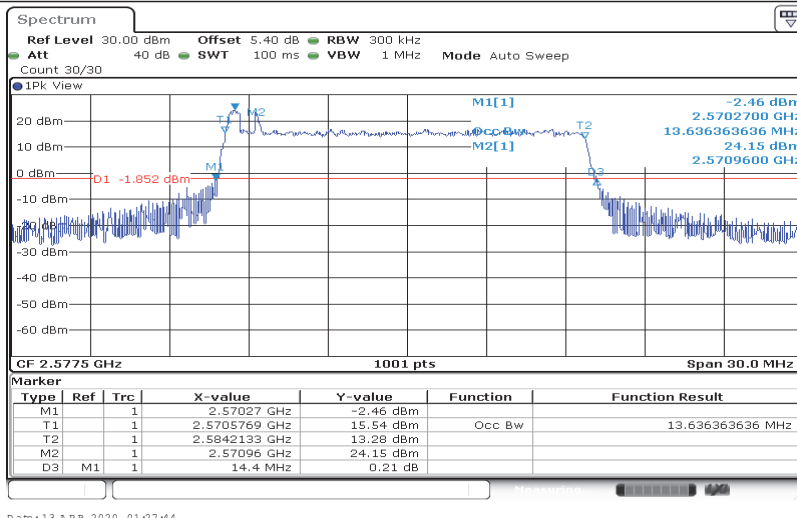
Band38-10MHz-16QAM-38000-50RB#0-8.911



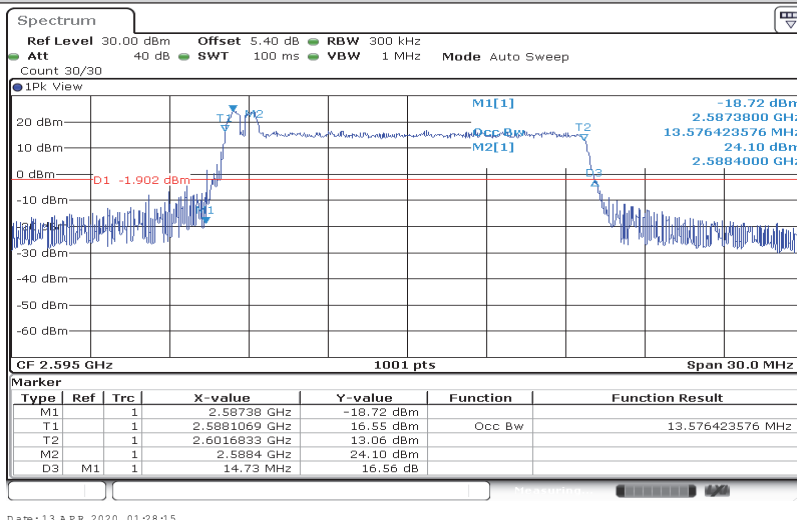
Band38-10MHz-16QAM-38200-50RB#0-9.011



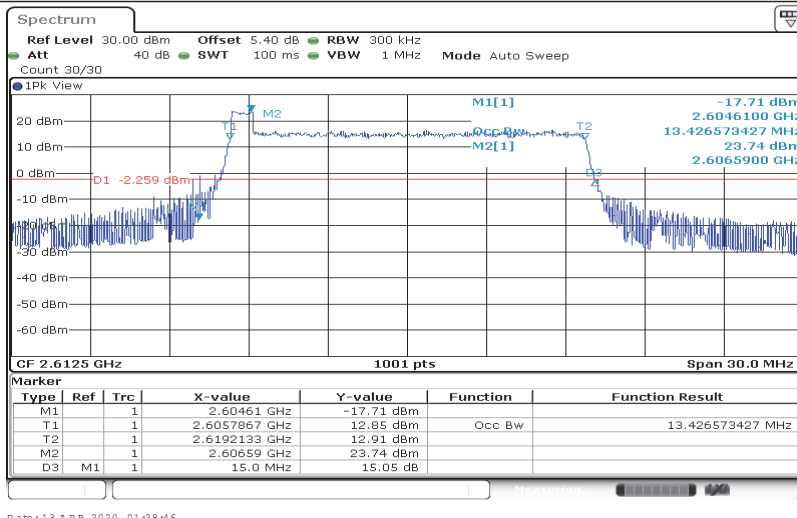
Band38-15MHz-QPSK-37825-75RB#0-13.636



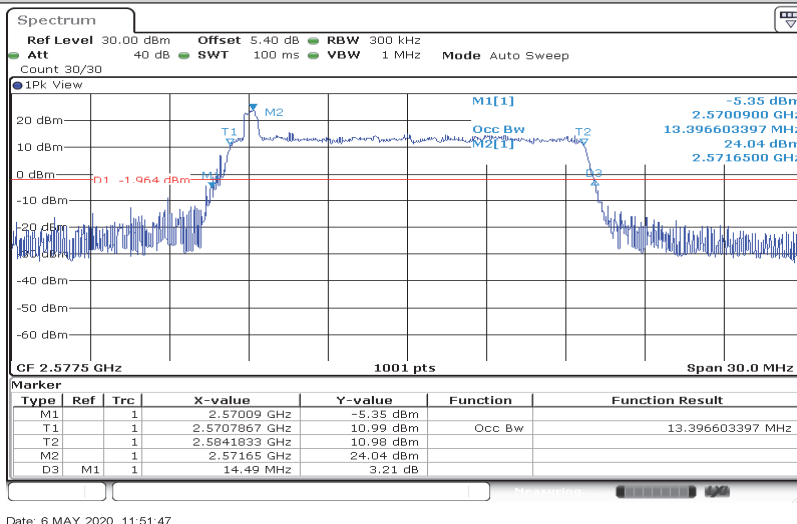
Band38-15MHz-QPSK-38000-75RB#0-13.576



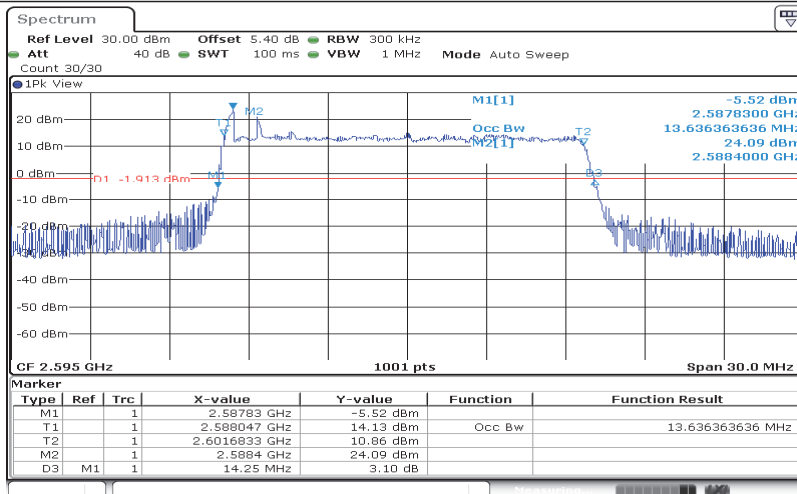
Band38-15MHz-QPSK-38175-75RB#0-13.427



Band38-15MHz-64QAM-37825-75RB#0-13.397

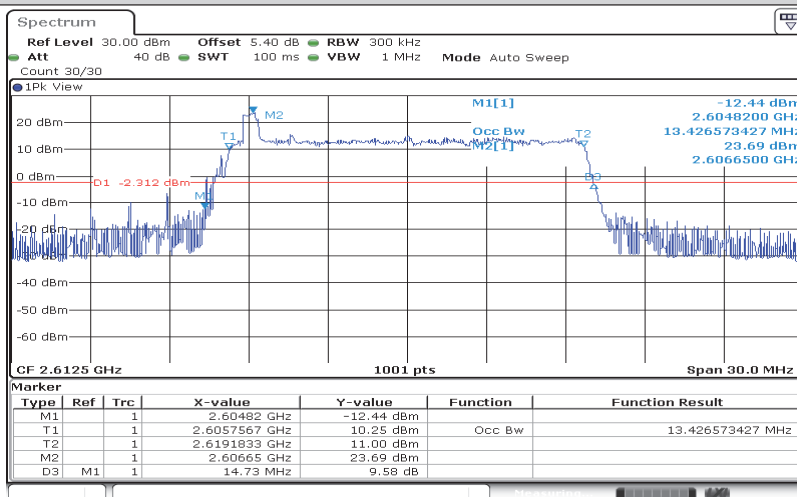


Band38-15MHz-64QAM-38000-75RB#0-13.636



Date: 6.MAY.2020 11:52:00

Band38-15MHz-64QAM-38175-75RB#0-13.427

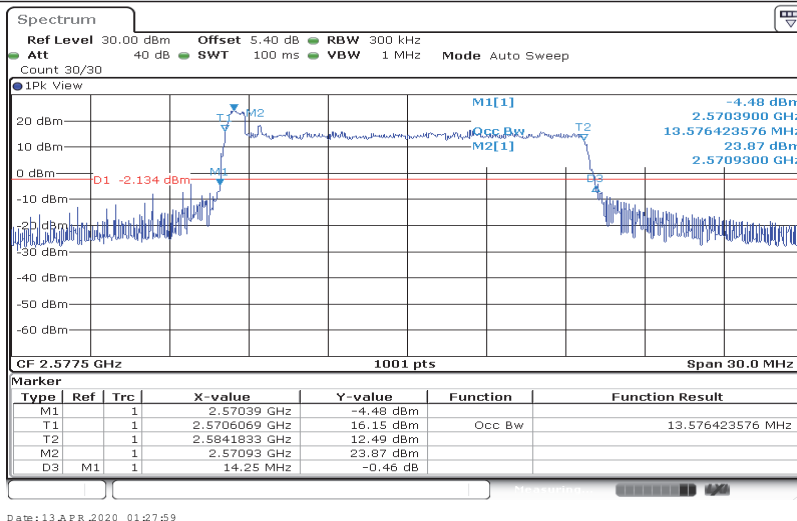


Date: 6.MAY.2020 11:52:13

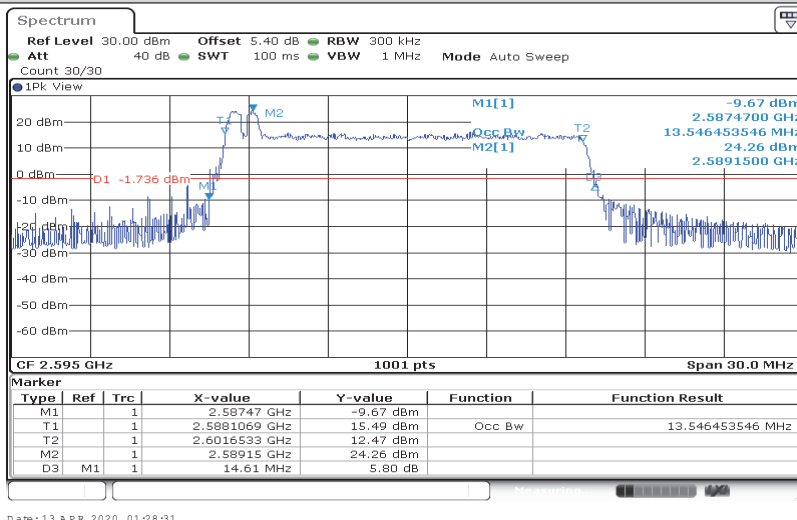




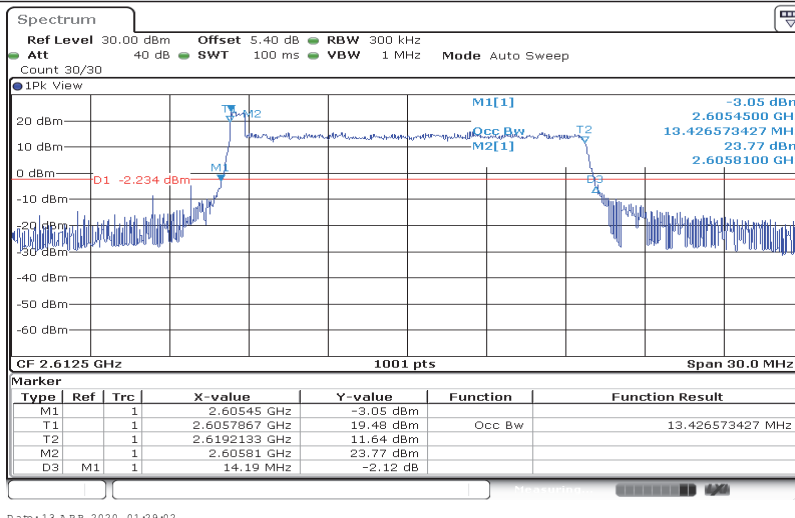
Band38-15MHz-16QAM-37825-75RB#0-13.576



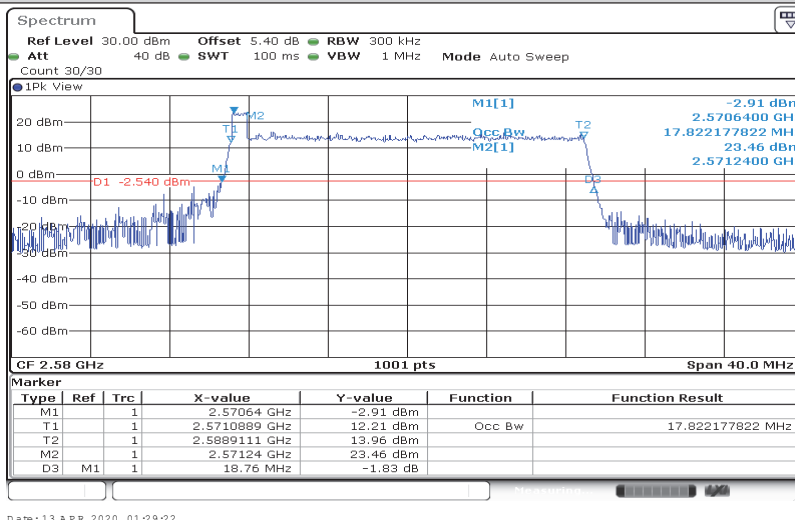
Band38-15MHz-16QAM-38000-75RB#0-13.546



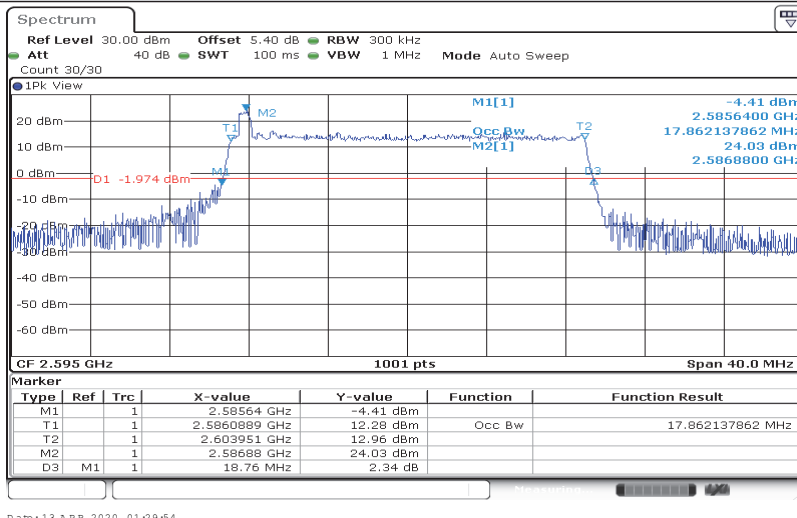
Band38-15MHz-16QAM-38175-75RB#0-13.427



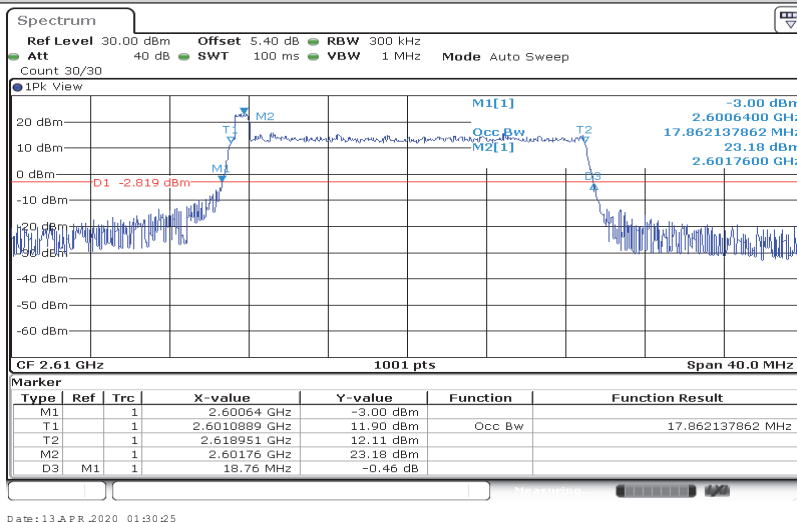
Band38-20MHz-QPSK-37850-100RB#0-17.822



Band38-20MHz-QPSK-38000-100RB#0-17.862

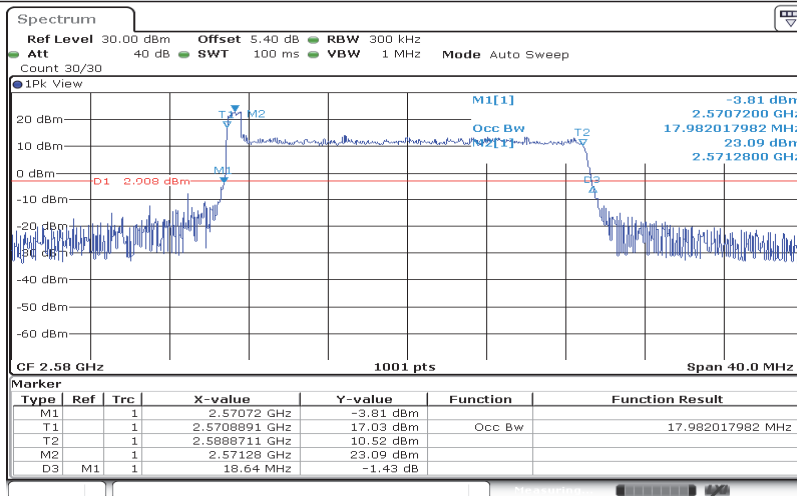


Band38-20MHz-QPSK-38150-100RB#0-17.862



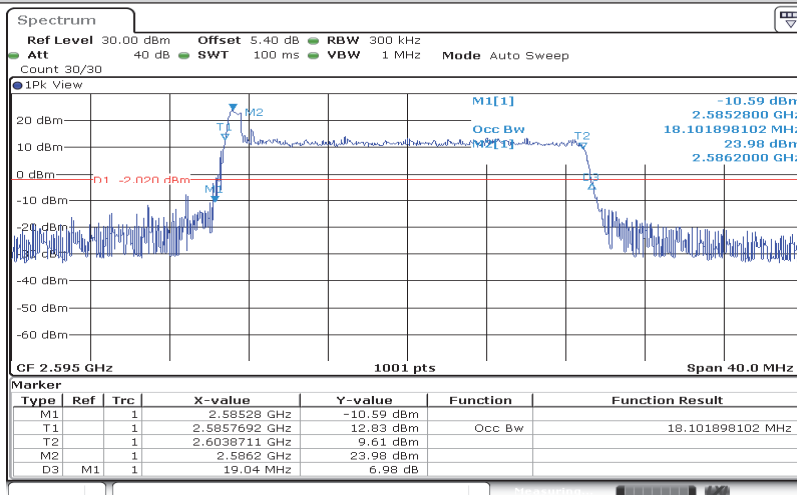


Band38-20MHz-64QAM-37850-100RB#0-17.982



Date: 6.MAY.2020 11:52:30

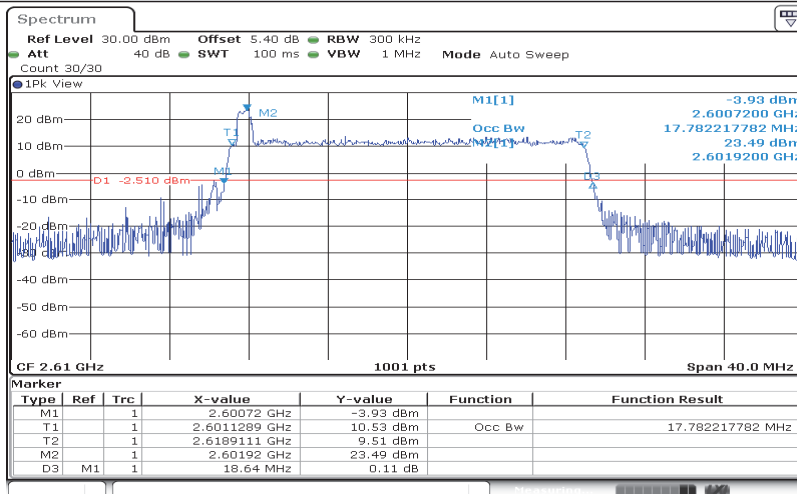
Band38-20MHz-64QAM-38000-100RB#0-18.102



Date: 6.MAY.2020 11:52:44

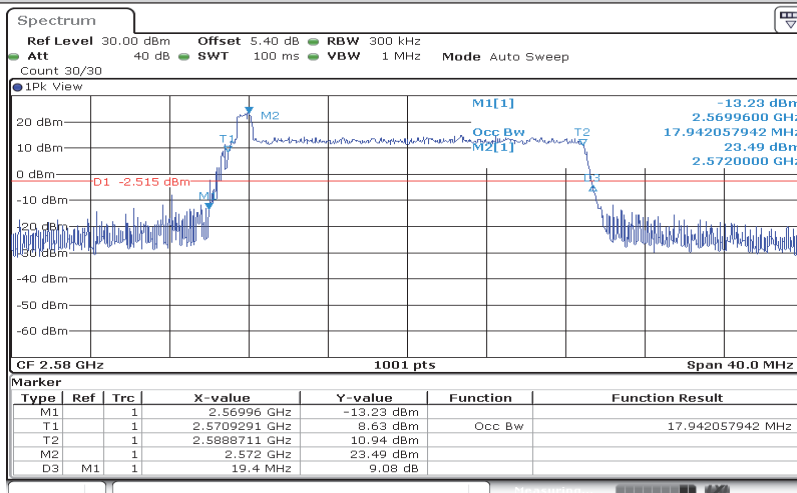


Band38-20MHz-64QAM-38150-100RB#0-17.782



Date: 6 MAY 2020 11:52:56

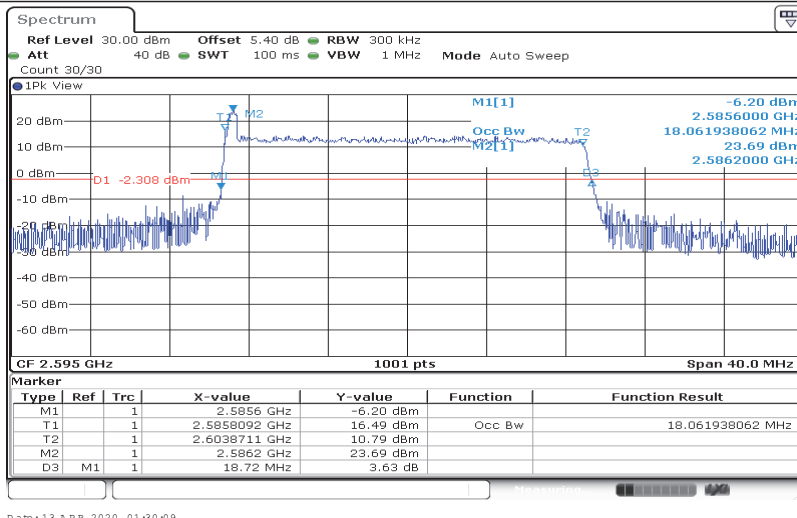
Band38-20MHz-16QAM-37850-100RB#0-17.942



Date: 13 APR 2020 01:29:38

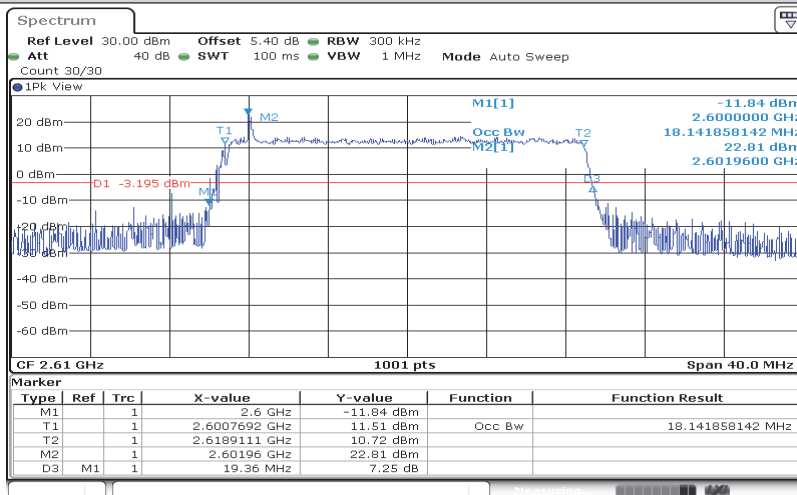


Band38-20MHz-16QAM-38000-100RB#0-18.062



Date: 13 APR 2020 01:30:09

Band38-20MHz-16QAM-38150-100RB#0-18.142



Date: 13 APR 2020 01:30:41

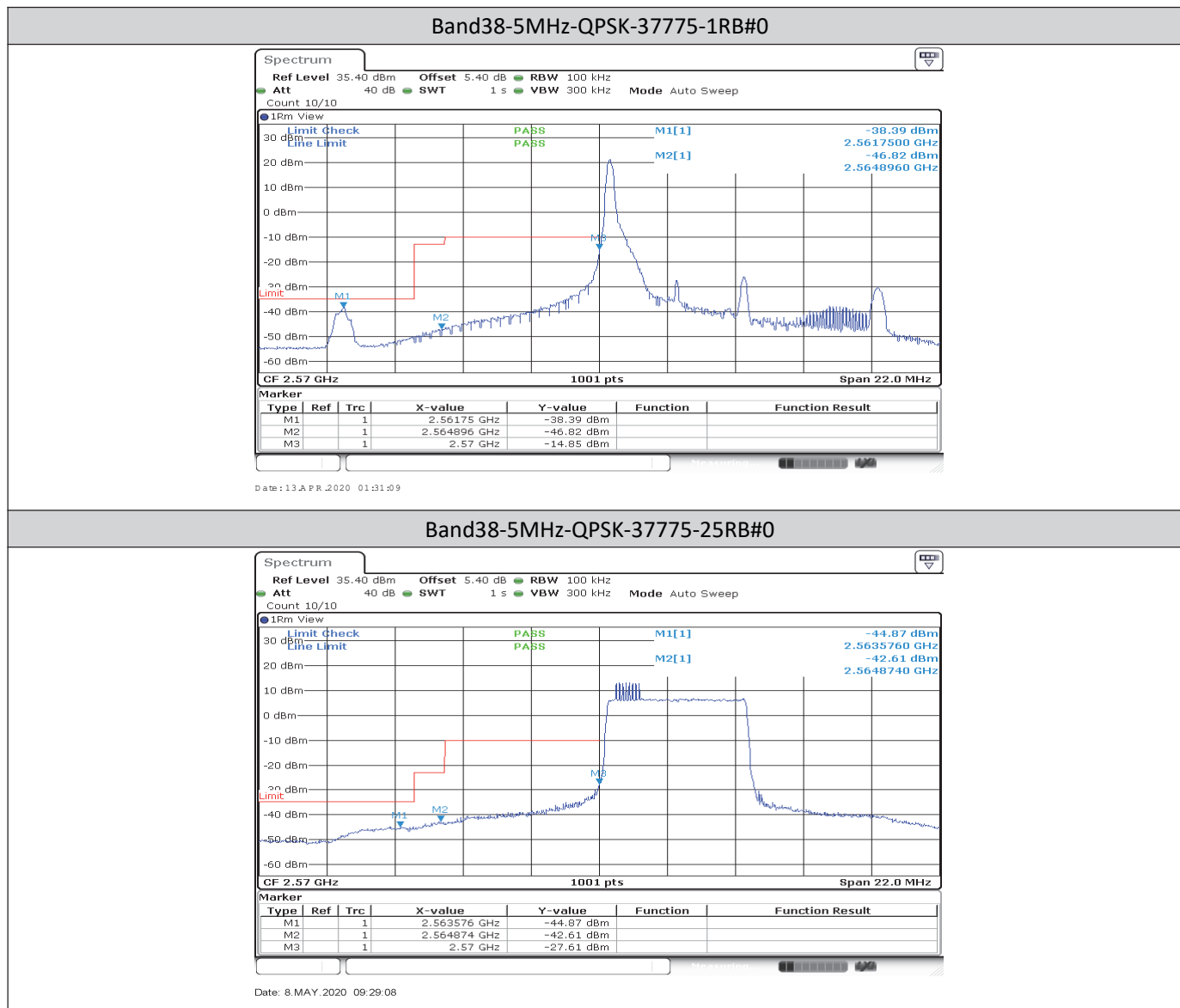


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

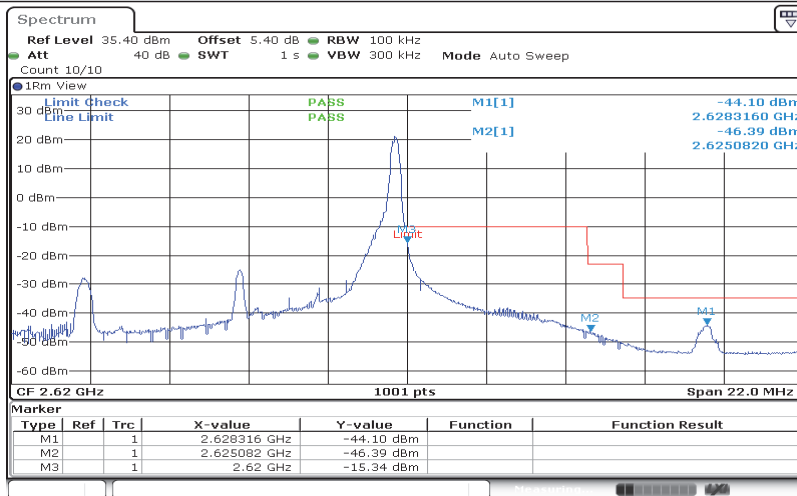
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

5. Band Edge Compliance

5.1. Test Plots

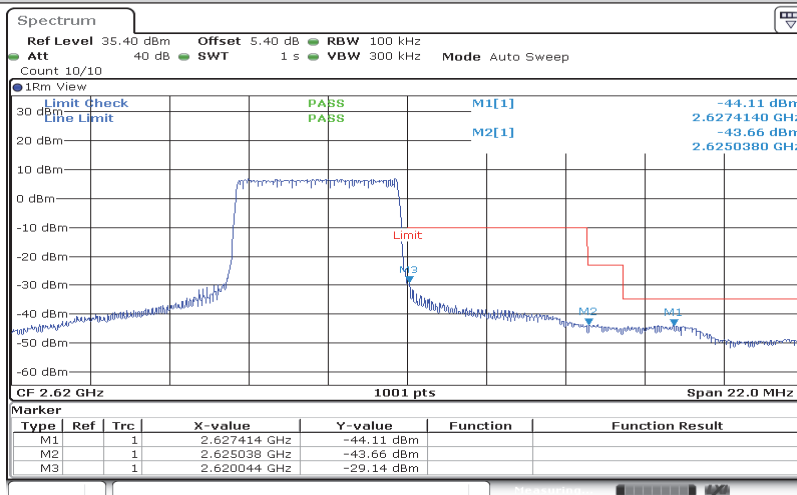


Band38-5MHz-QPSK-38225-1RB#24



Date: 8.MAY.2020 09:15:06

Band38-5MHz-QPSK-38225-25RB#0



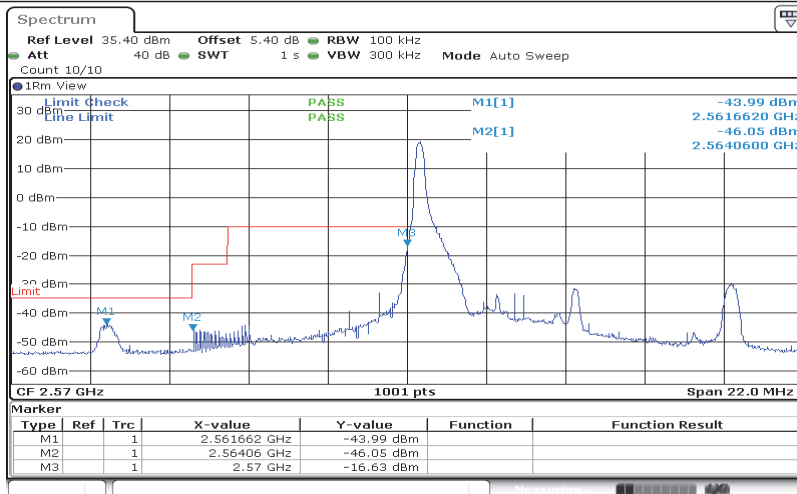
Date: 8.MAY.2020 09:30:21



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.

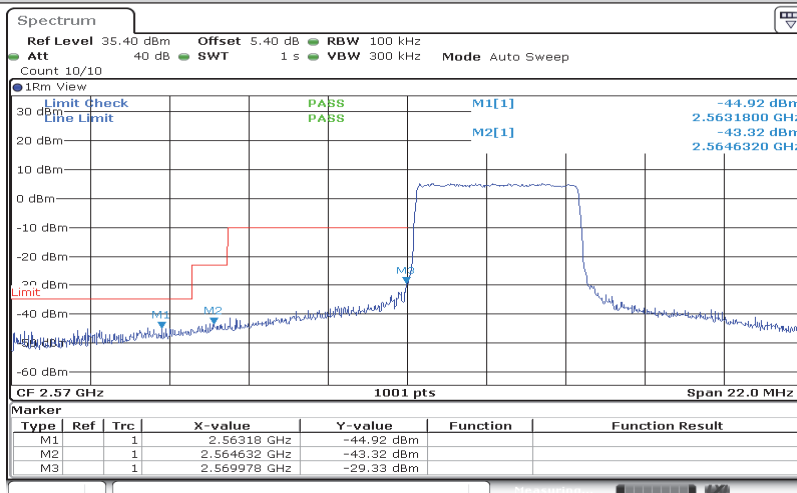
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band38-5MHz-64QAM-37775-1RB#0



Date: 8.MAY.2020 10:08:26

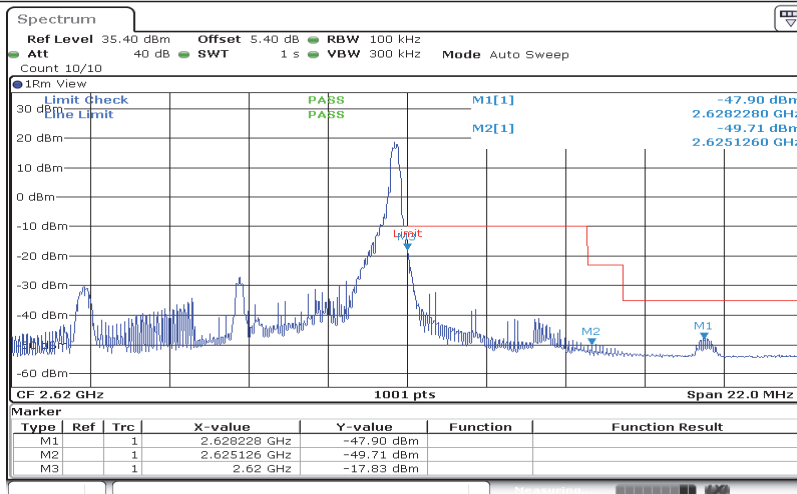
Band38-5MHz-64QAM-37775-25RB#0



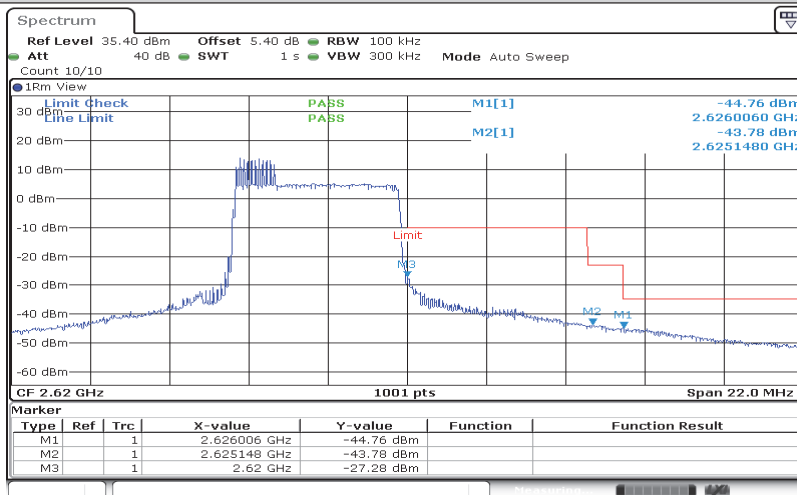
Date: 8.MAY.2020 10:08:52



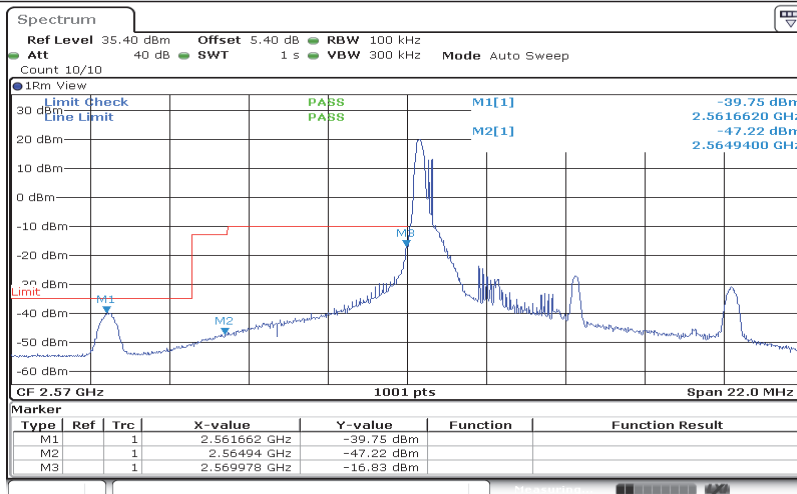
Band38-5MHz-64QAM-38225-1RB#24



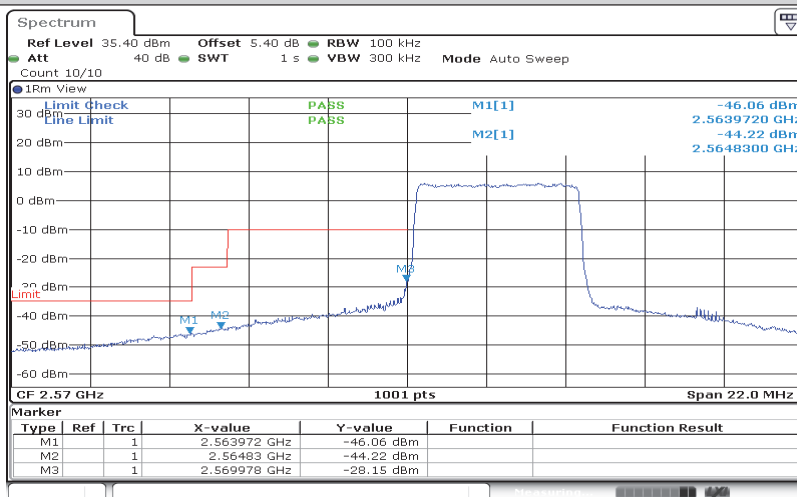
Band38-5MHz-64QAM-38225-25RB#0



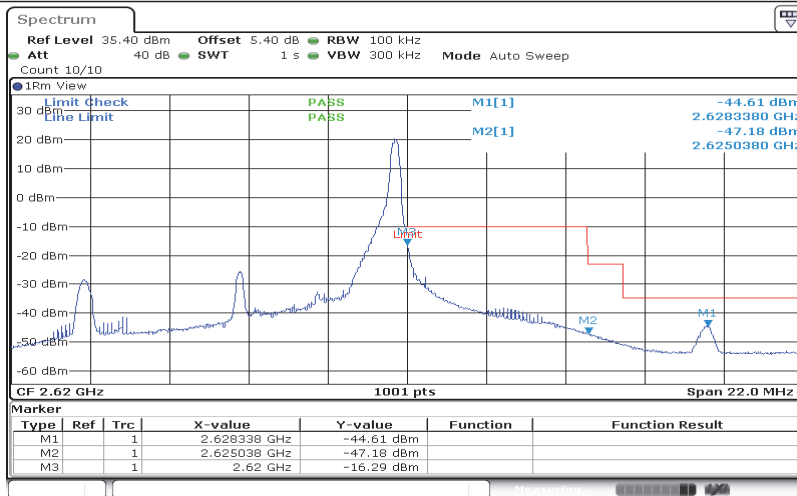
Band38-5MHz-16QAM-37775-1RB#0



Band38-5MHz-16QAM-37775-25RB#0

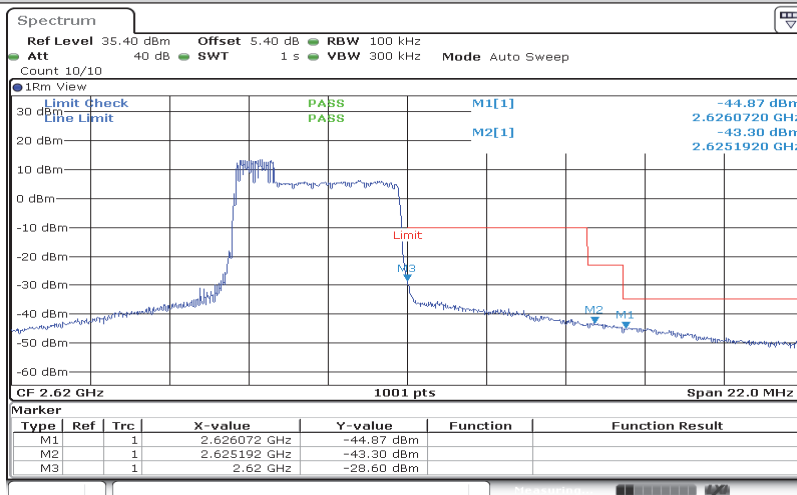


Band38-5MHz-16QAM-38225-1RB#24



Date: 8.MAY.2020 09:17:52

Band38-5MHz-16QAM-38225-25RB#0

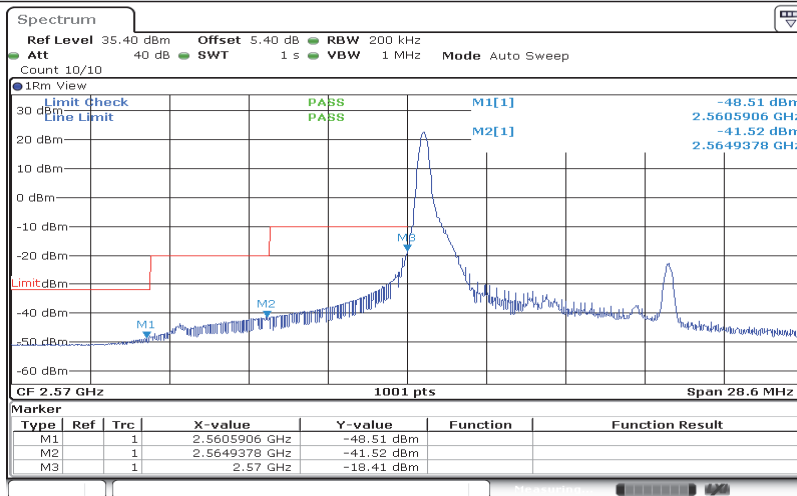


Date: 8.MAY.2020 09:31:18



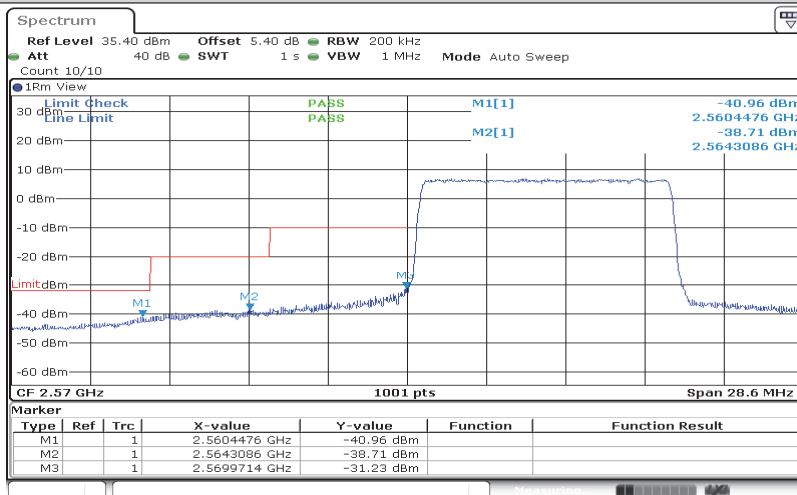
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-QPSK-37800-1RB#0



Date: 8.MAY.2020 09:18:32

Band38-10MHz-QPSK-37800-50RB#0



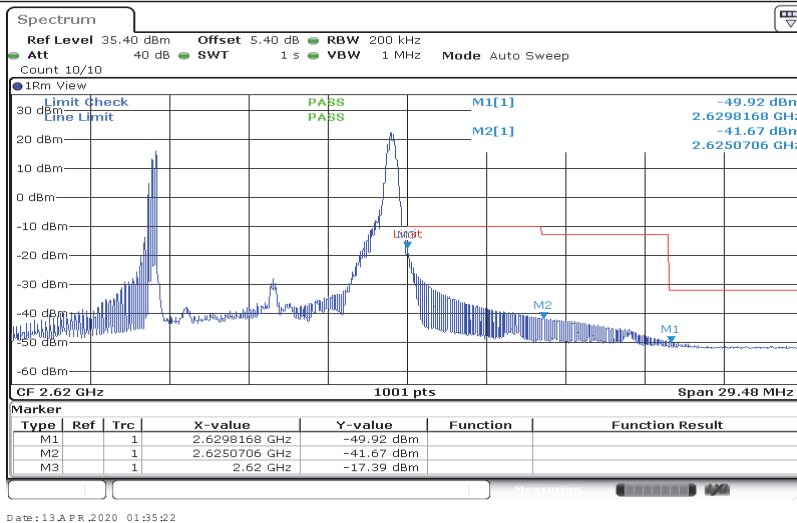
Date: 8.MAY.2020 09:31:45



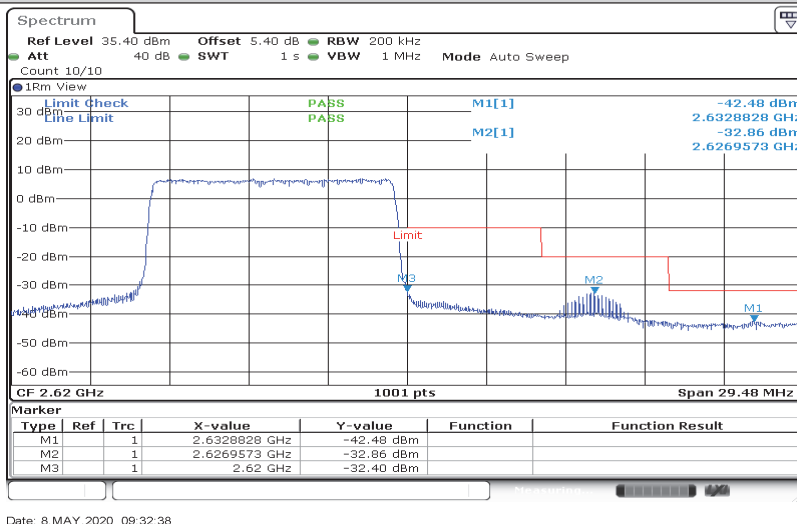
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-QPSK-38200-1RB#49



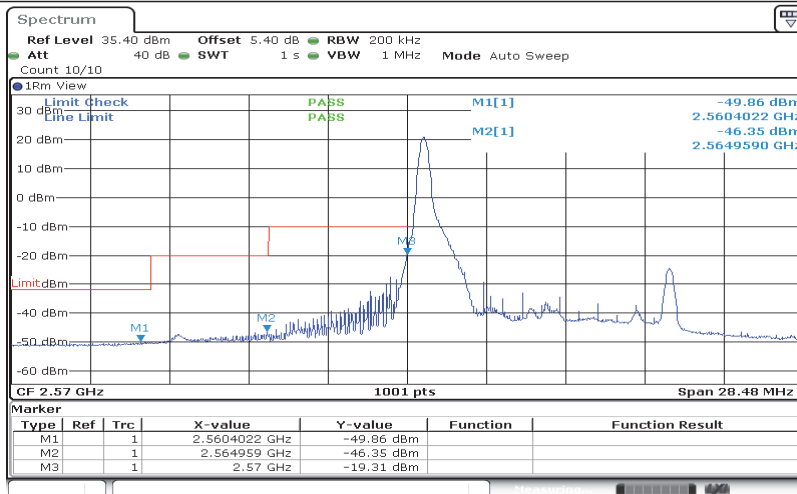
Band38-10MHz-QPSK-38200-50RB#0



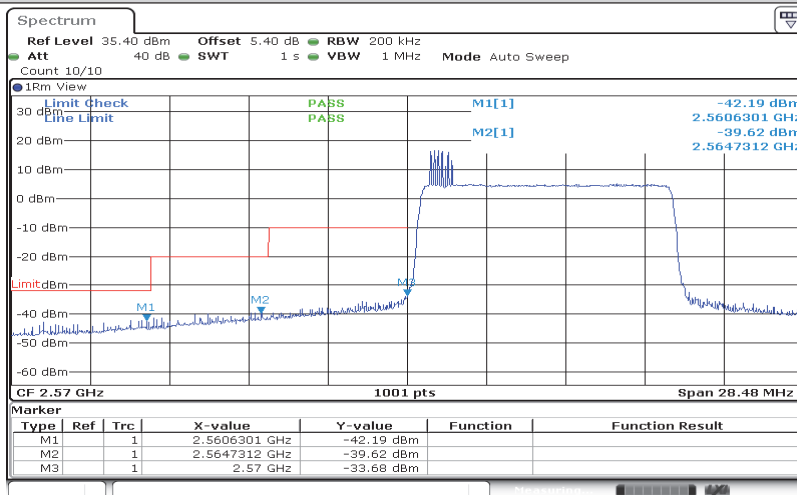
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

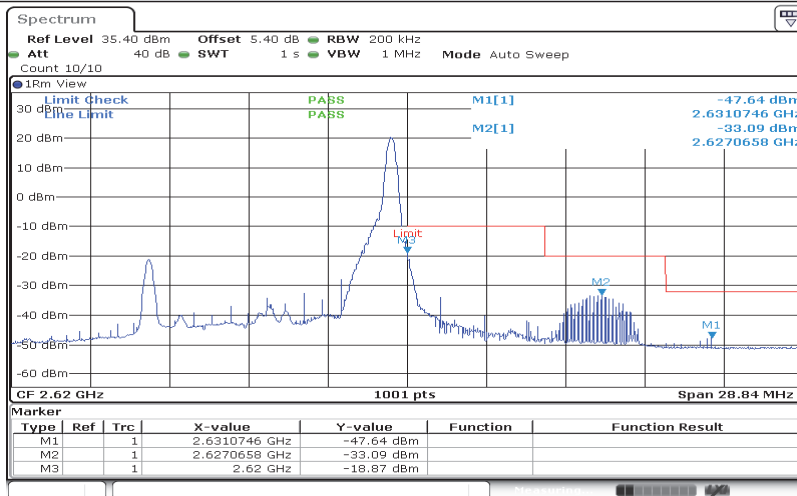
Band38-10MHz-64QAM-37800-1RB#0



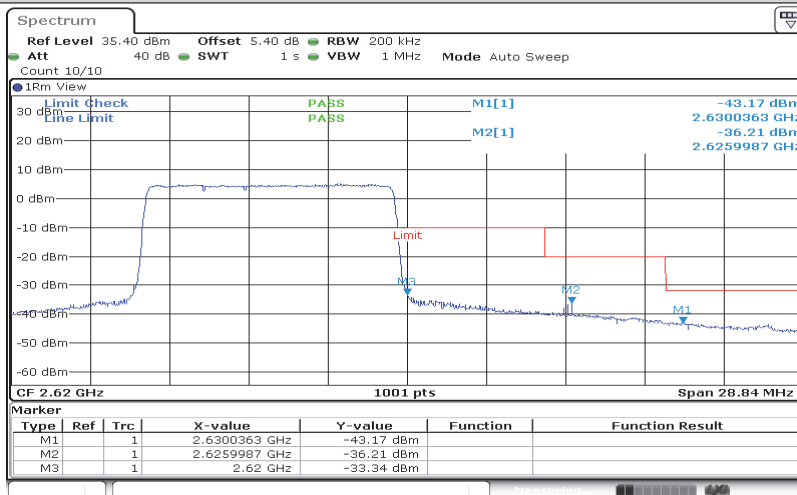
Band38-10MHz-64QAM-37800-50RB#0



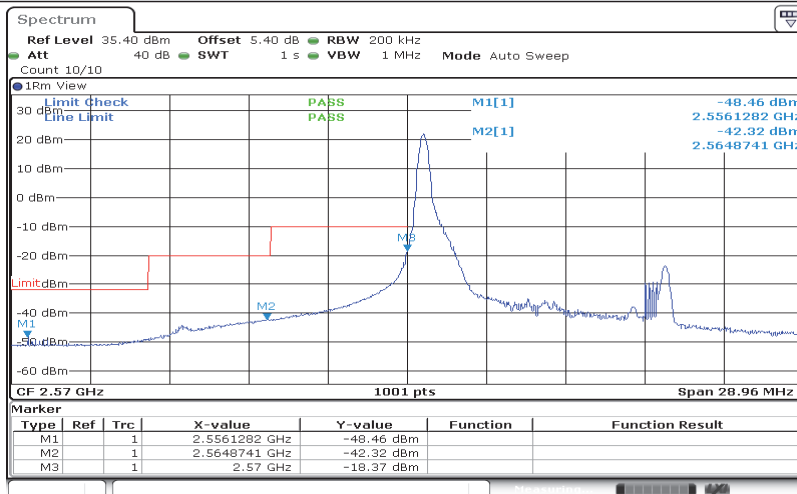
Band38-10MHz-64QAM-38200-1RB#49



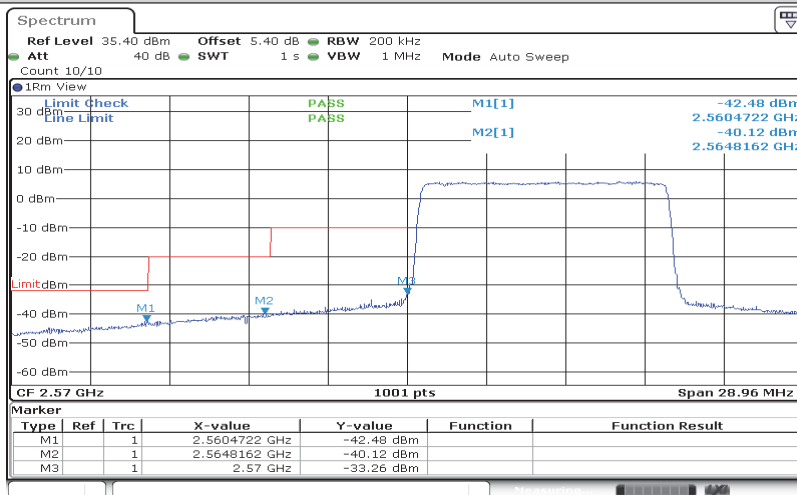
Band38-10MHz-64QAM-38200-50RB#0



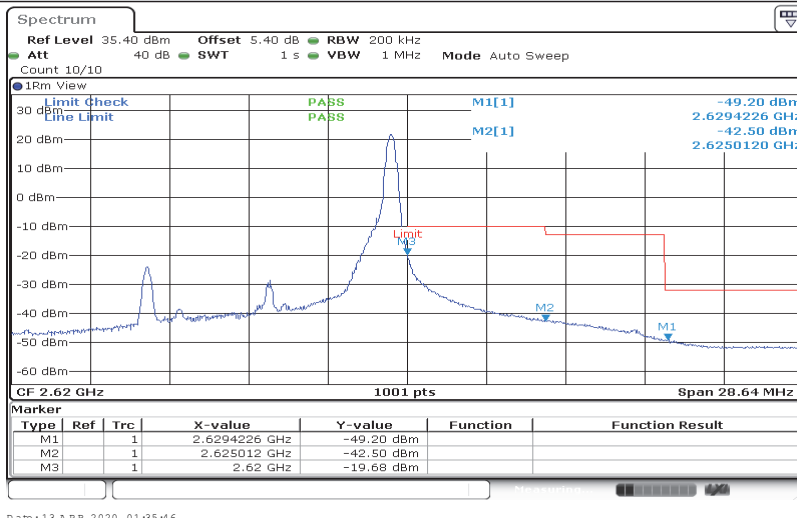
Band38-10MHz-16QAM-37800-1RB#0



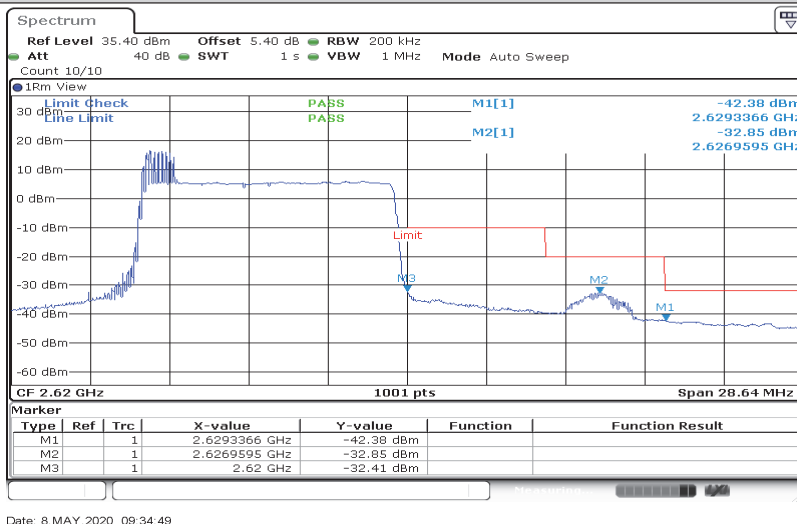
Band38-10MHz-16QAM-37800-50RB#0



Band38-10MHz-16QAM-38200-1RB#49

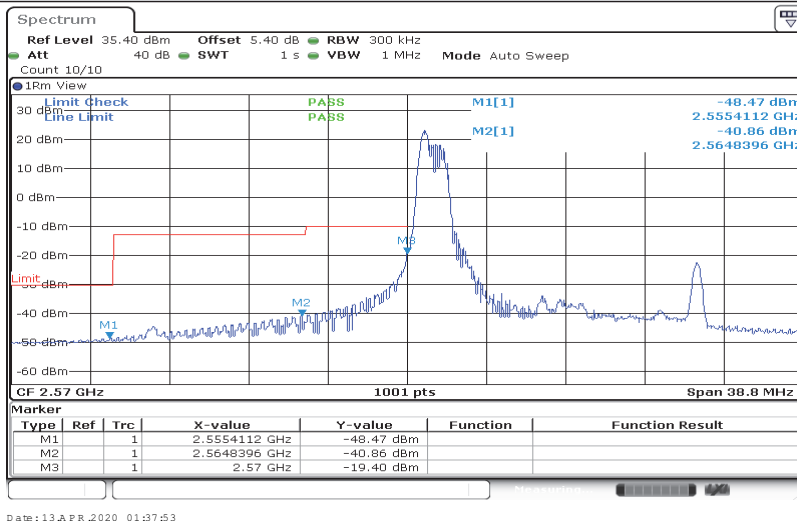


Band38-10MHz-16QAM-38200-50RB#0



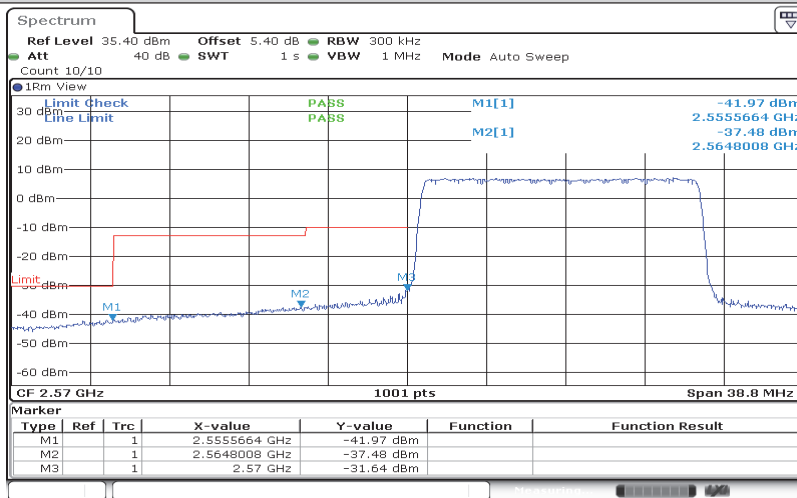
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-15MHz-QPSK-37825-1RB#0



Date: 13 APR 2020 01:37:53

Band38-15MHz-QPSK-37825-75RB#0



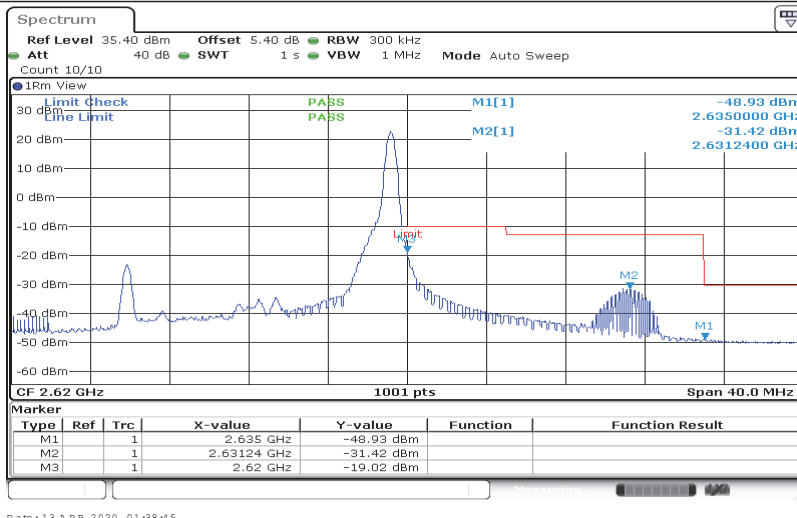
Date: 13 APR 2020 01:39:36



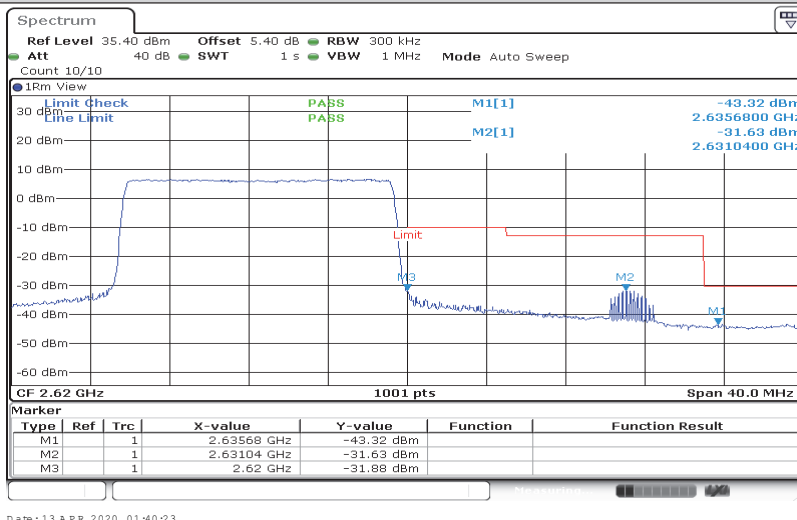
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-15MHz-QPSK-38175-1RB#74



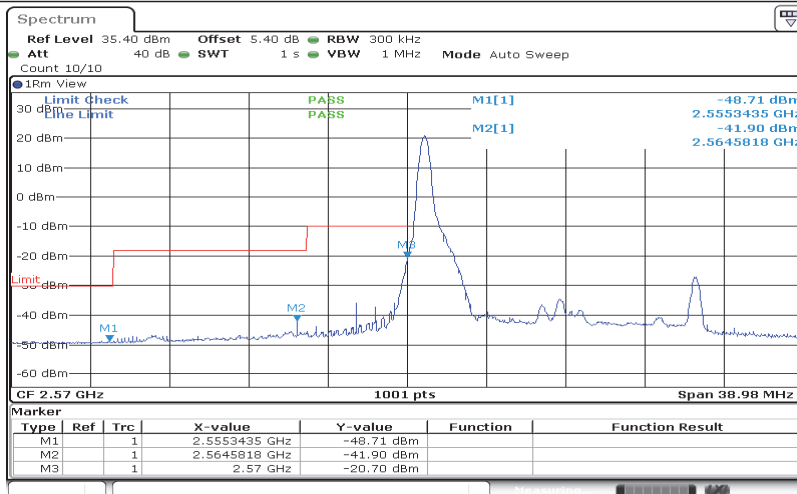
Band38-15MHz-QPSK-38175-75RB#0



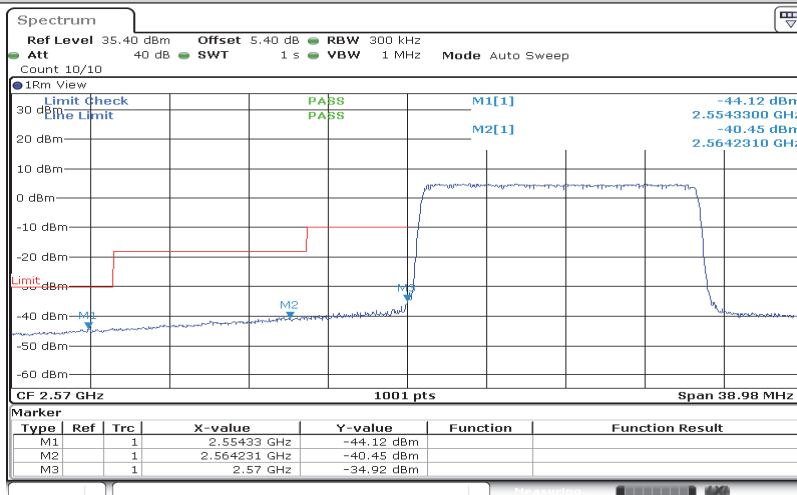
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

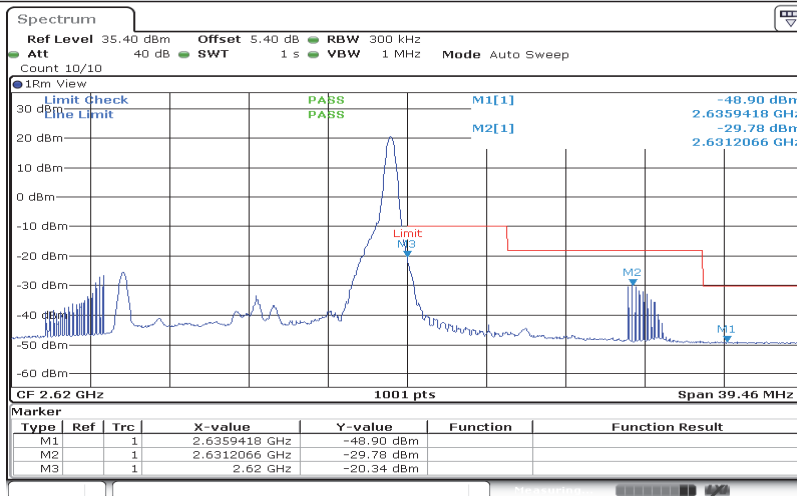
Band38-15MHz-64QAM-37825-1RB#0



Band38-15MHz-64QAM-37825-75RB#0

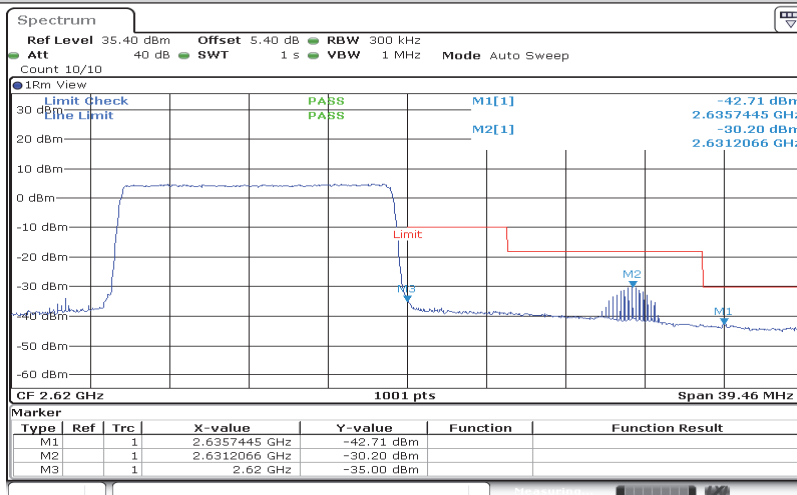


Band38-15MHz-64QAM-38175-1RB#74



Date: 6.MAY.2020 11:57:11

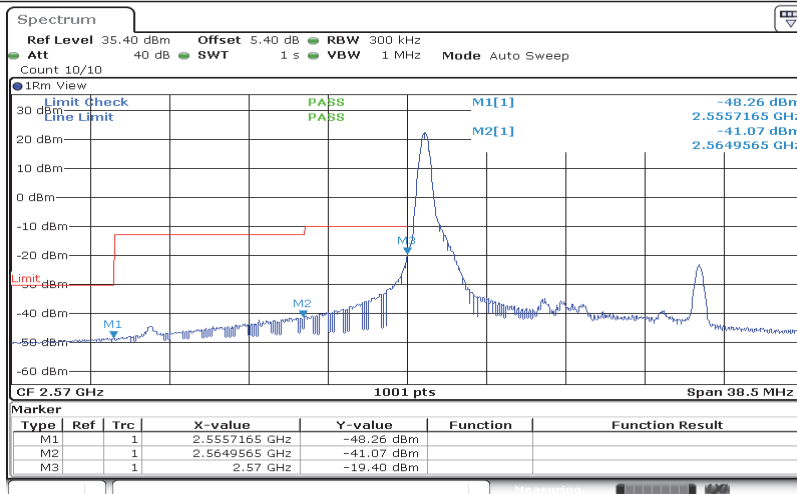
Band38-15MHz-64QAM-38175-75RB#0



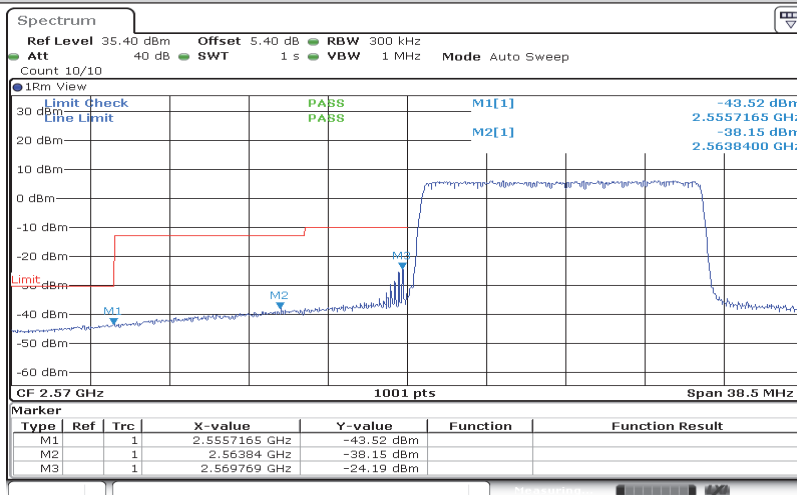
Date: 6.MAY.2020 11:57:59



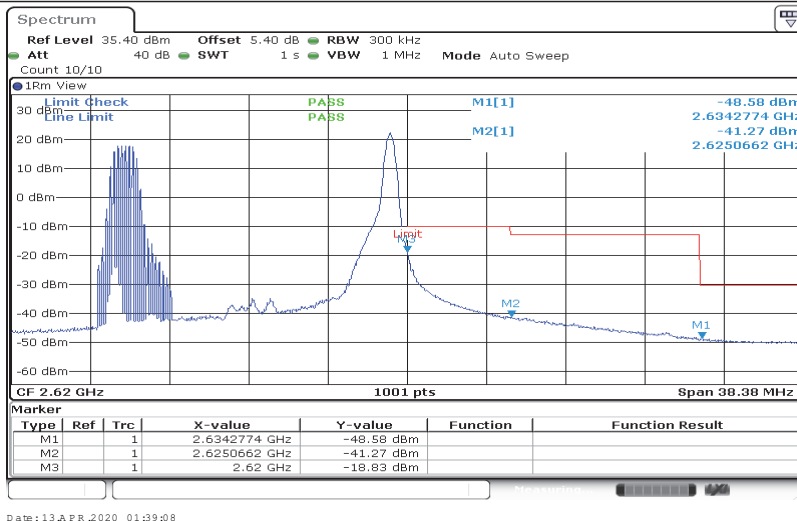
Band38-15MHz-16QAM-37825-1RB#0



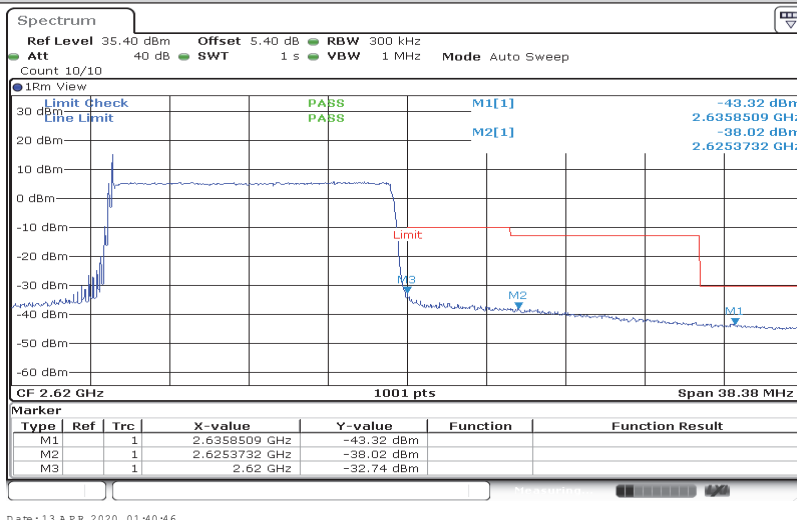
Band38-15MHz-16QAM-37825-75RB#0



Band38-15MHz-16QAM-38175-1RB#74



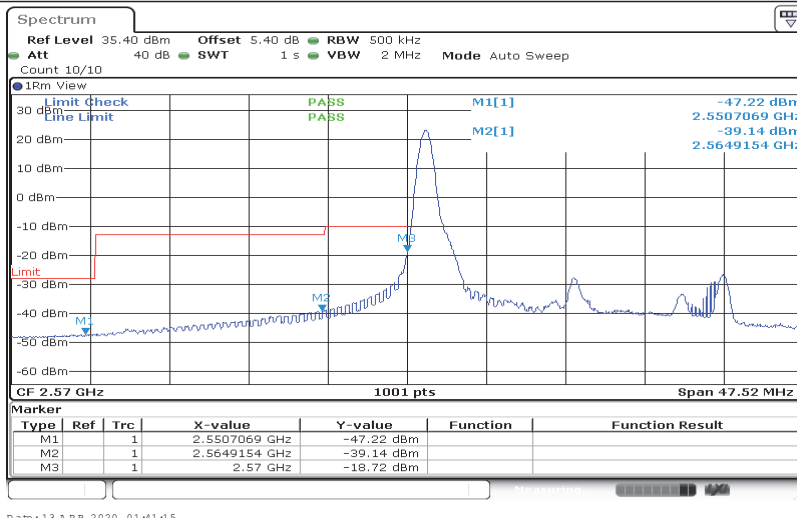
Band38-15MHz-16QAM-38175-75RB#0



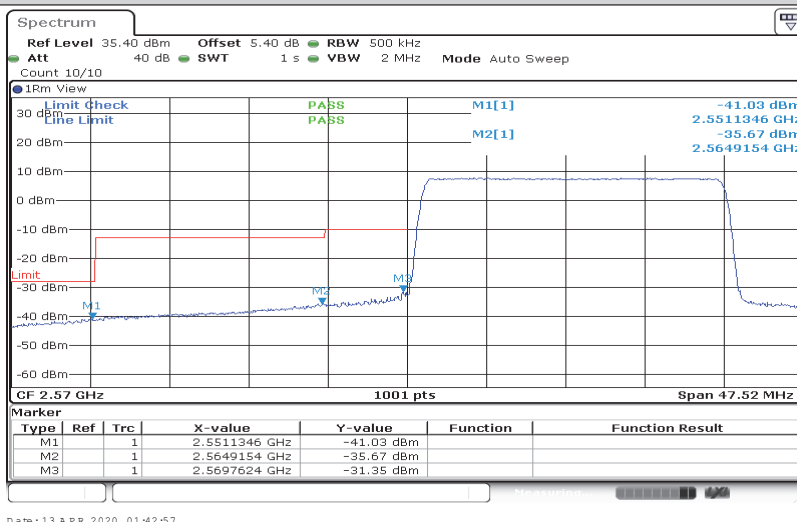
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

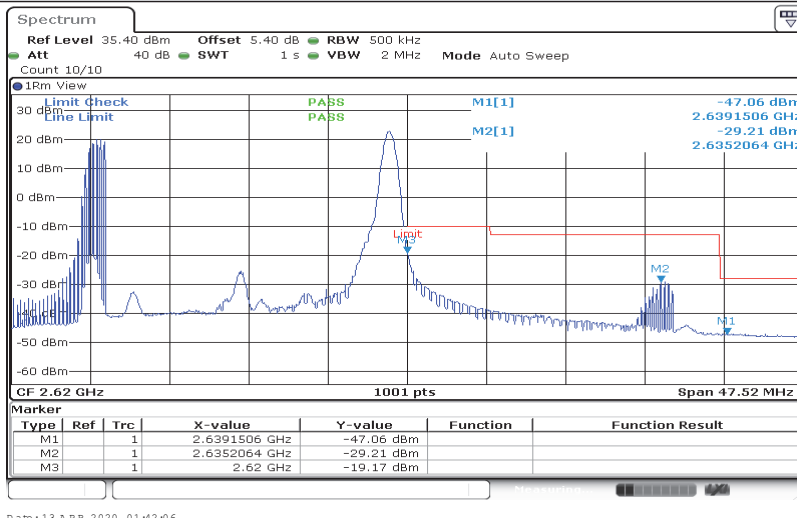
Band38-20MHz-QPSK-37850-1RB#0



Band38-20MHz-QPSK-37850-100RB#0

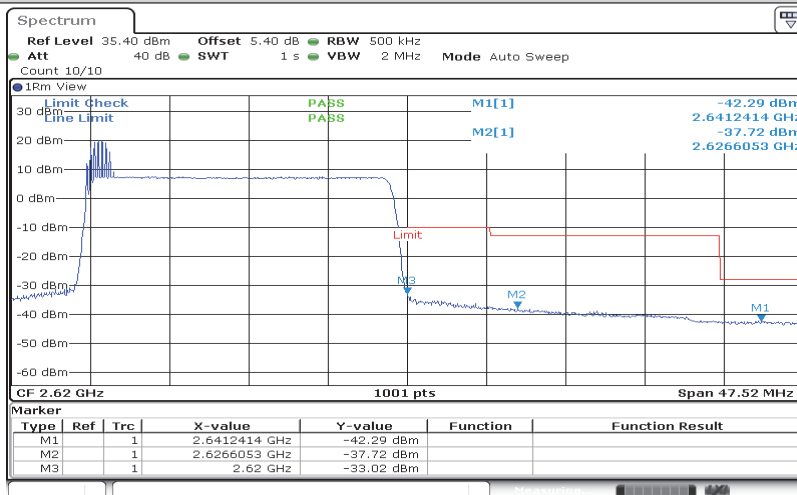


Band38-20MHz-QPSK-38150-1RB#99



Date: 13 APR 2020 01:42:06

Band38-20MHz-QPSK-38150-100RB#0



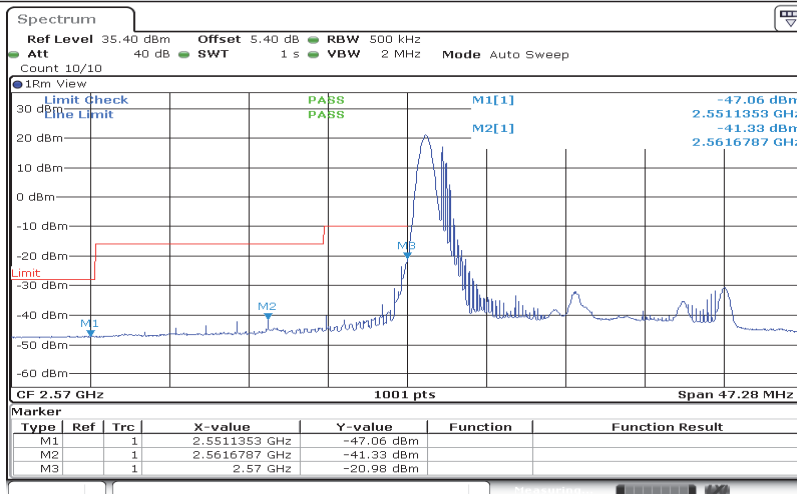
Date: 13 APR 2020 01:43:44



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.

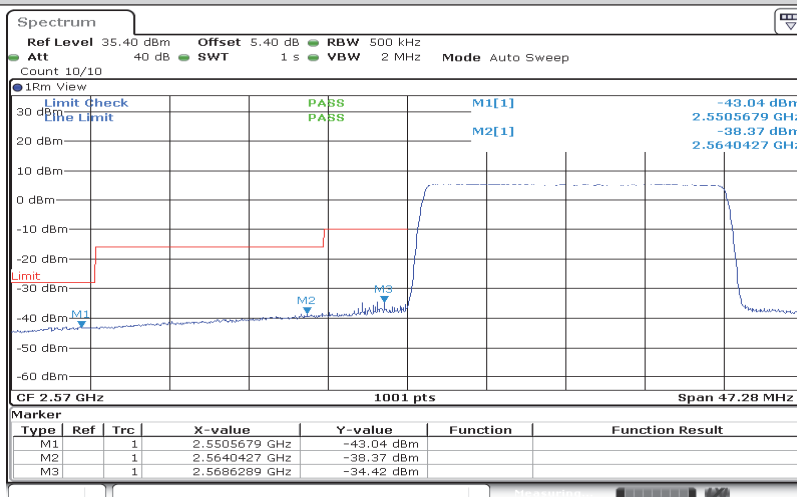
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band38-20MHz-64QAM-37850-1RB#0



Date: 6.MAY.2020 11:58:26

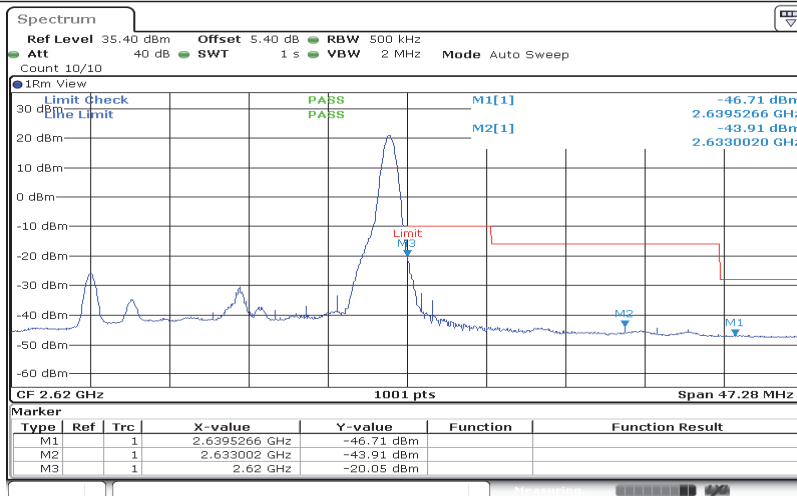
Band38-20MHz-64QAM-37850-100RB#0



Date: 6.MAY.2020 11:59:18

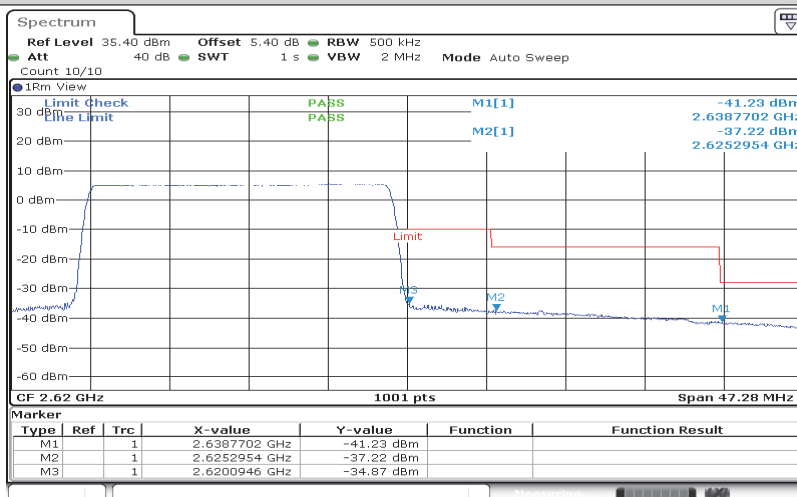


Band38-20MHz-64QAM-38150-1RB#99



Date: 6.MAY.2020 11:58:52

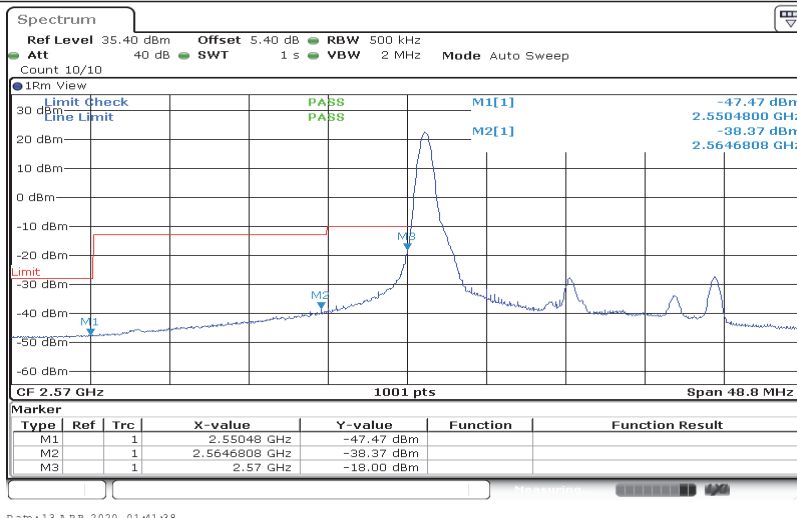
Band38-20MHz-64QAM-38150-100RB#0



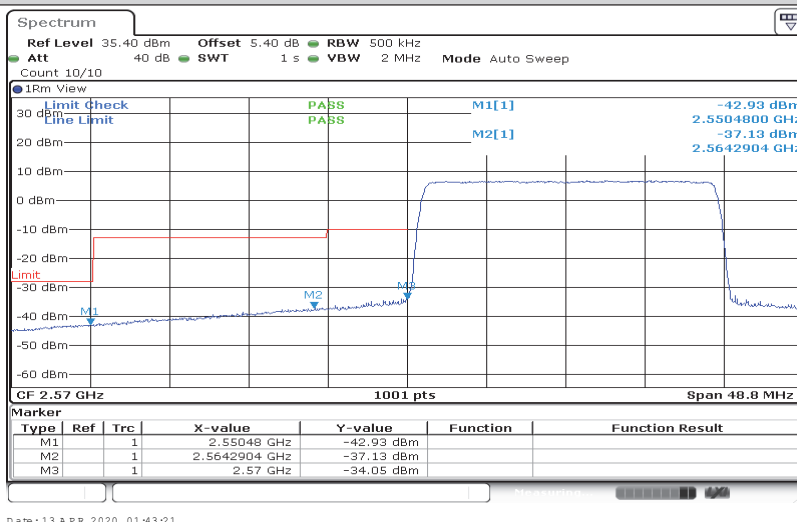
Date: 6.MAY.2020 11:59:40



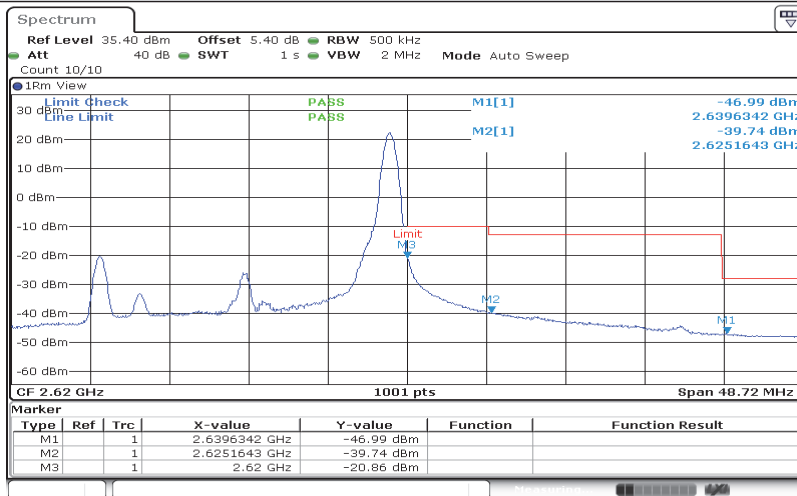
Band38-20MHz-16QAM-37850-1RB#0



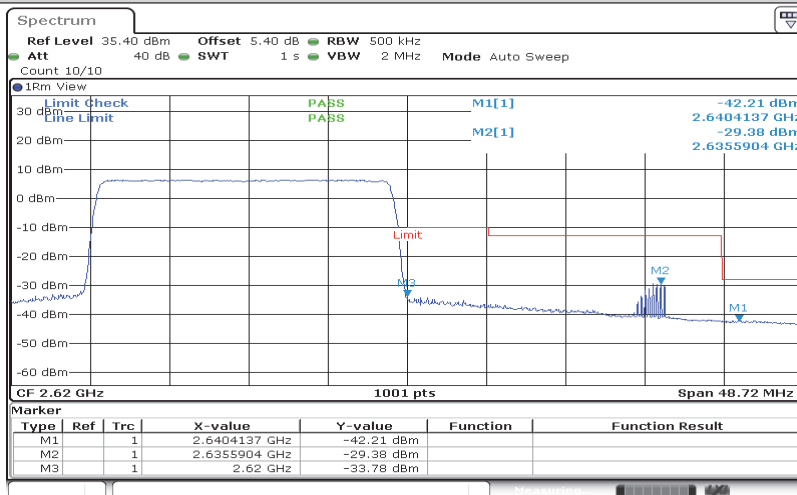
Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38150-1RB#99



Band38-20MHz-16QAM-38150-100RB#0



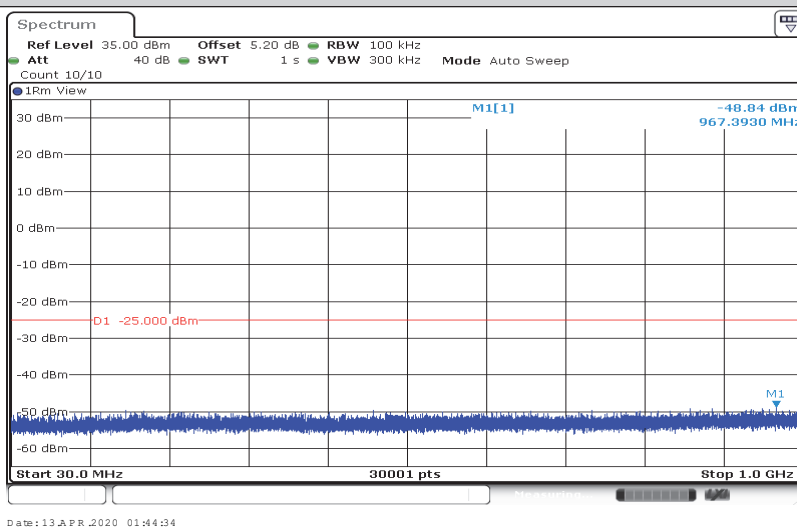
6. Spurious Emission at Antenna Terminal

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.

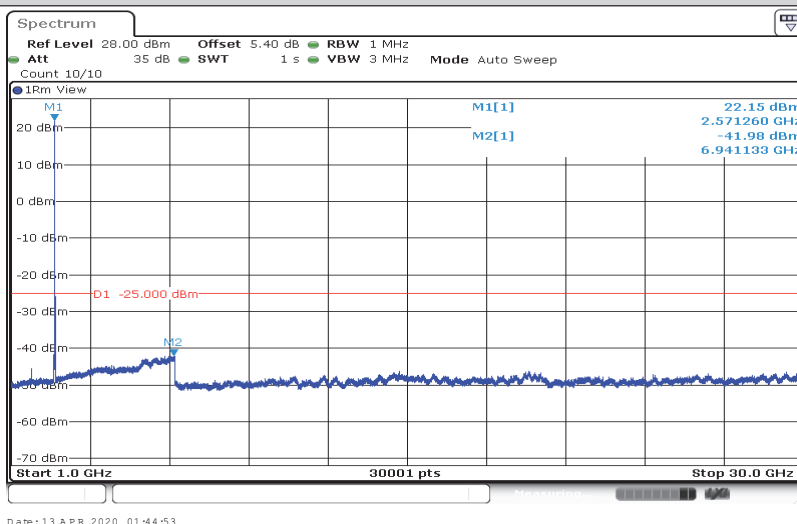
Remark2: only the worst case data displayed in this report.

6.1. Test Plots

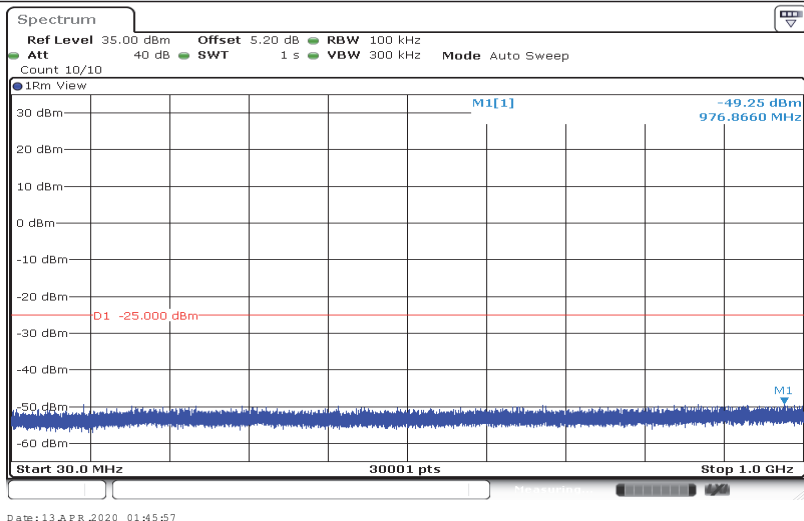
Band38-20MHz-QPSK-37850-1RB#0-Range1:30~1000MHz



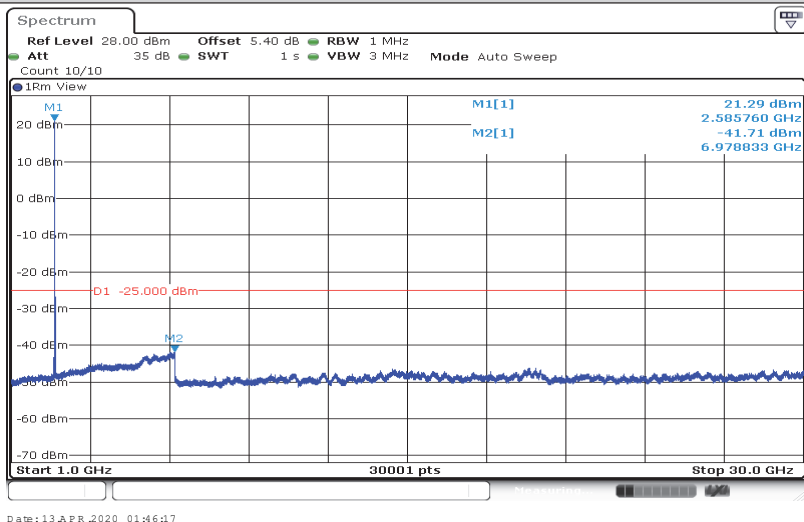
Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



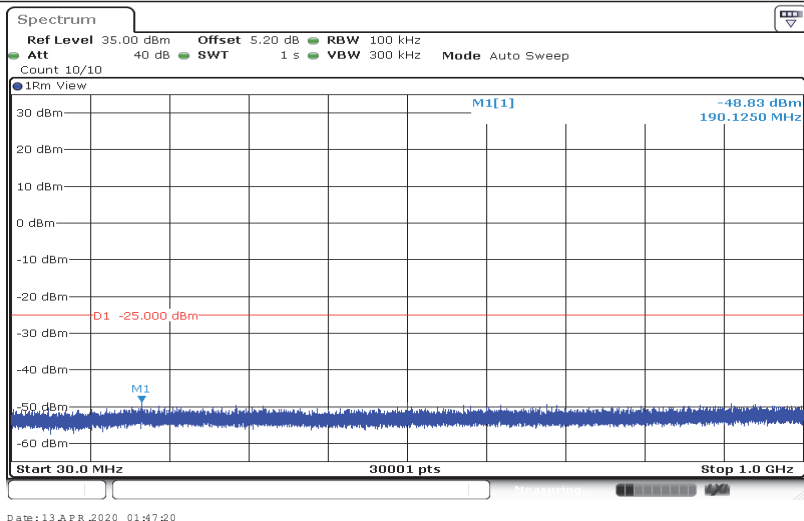
Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



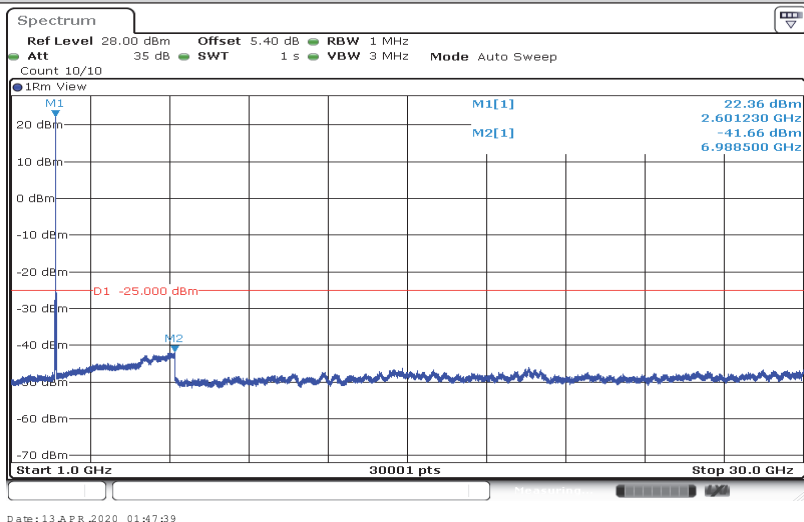
Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



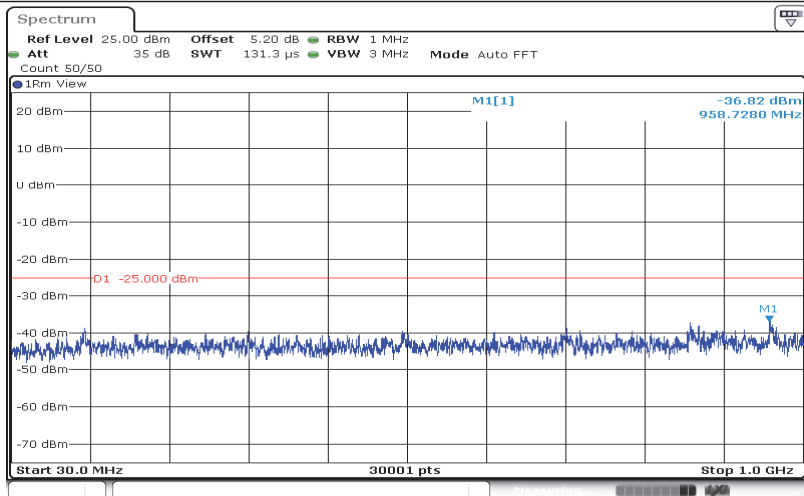
Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz

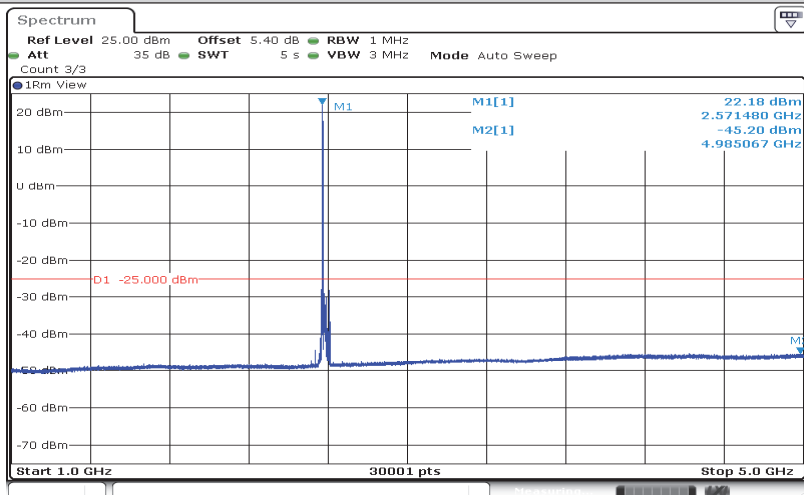


Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



Date: 6 MAY.2020 11:59:55

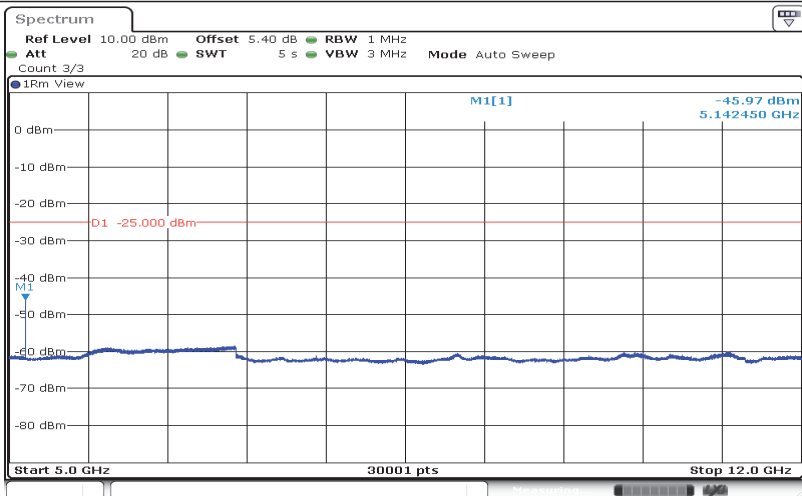
Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~5000MHz



Date: 6 MAY.2020 12:00:18

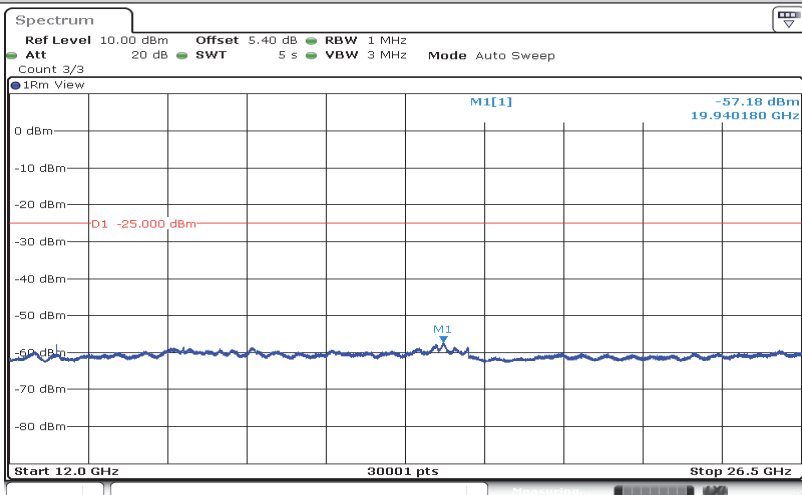


Band38-20MHz-64QAM-37850-1RB#0-Range3:5000~12000MHz



Date: 6.MAY.2020 12:00:40

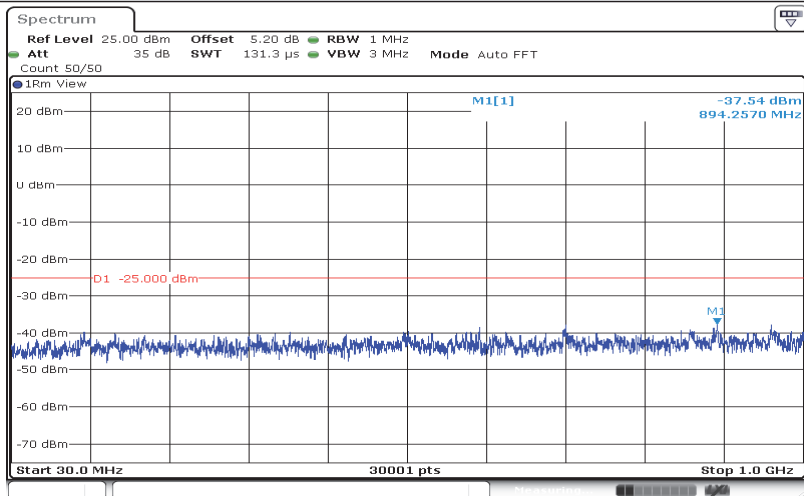
Band38-20MHz-64QAM-37850-1RB#0-Range4:12000~26500MHz



Date: 6.MAY.2020 12:01:02

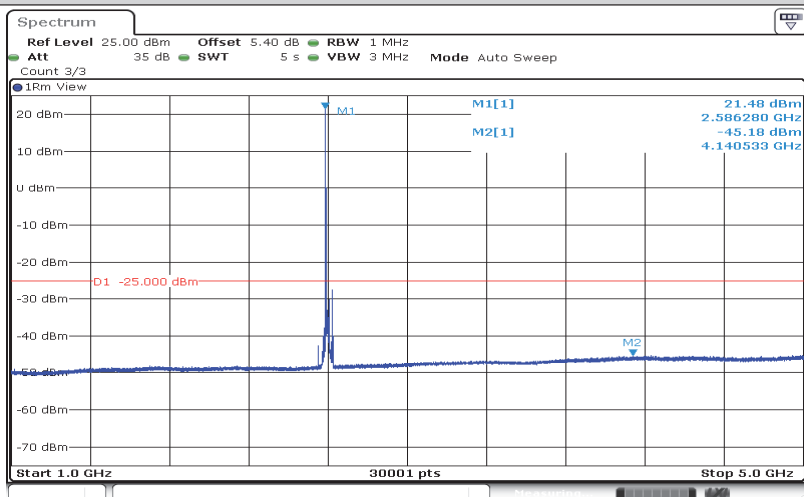


Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz



Date: 6.MAY.2020 12:01:13

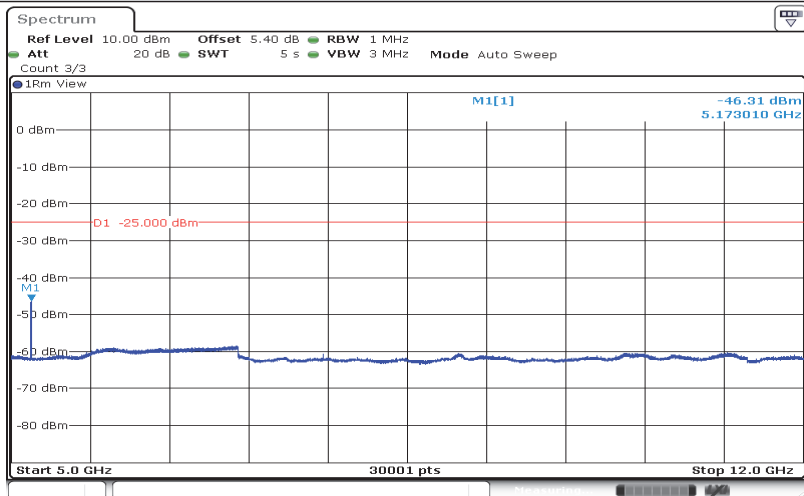
Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~5000MHz



Date: 6.MAY.2020 12:01:36

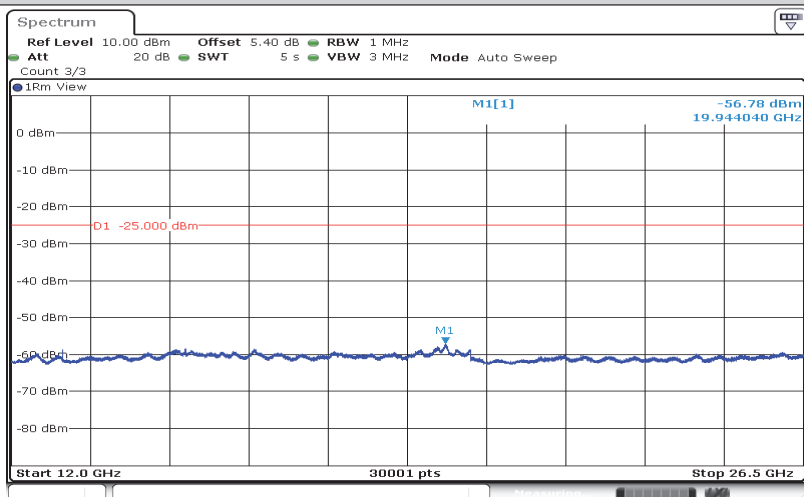


Band38-20MHz-64QAM-38000-1RB#0-Range3:5000~12000MHz



Date: 6.MAY.2020 12:01:58

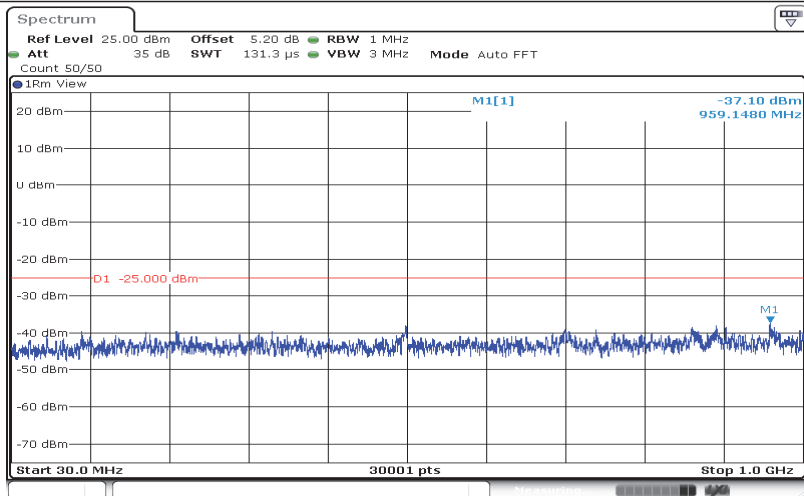
Band38-20MHz-64QAM-38000-1RB#0-Range4:12000~26500MHz



Date: 6.MAY.2020 12:02:19

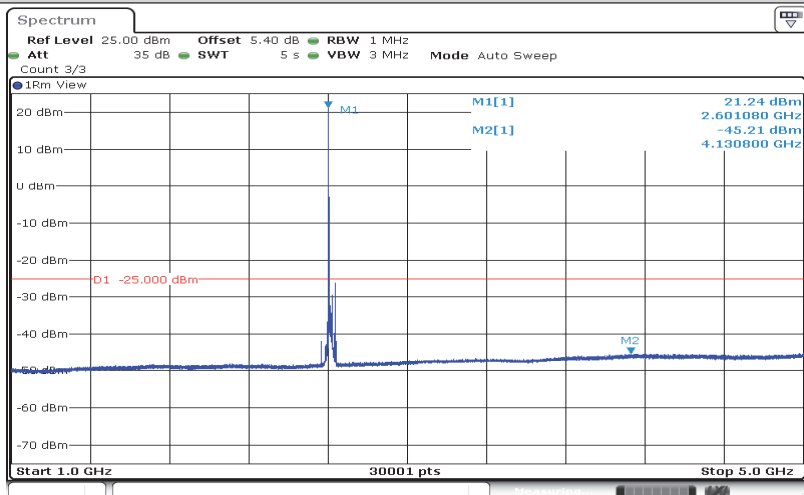


Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz



Date: 6.MAY.2020 12:02:30

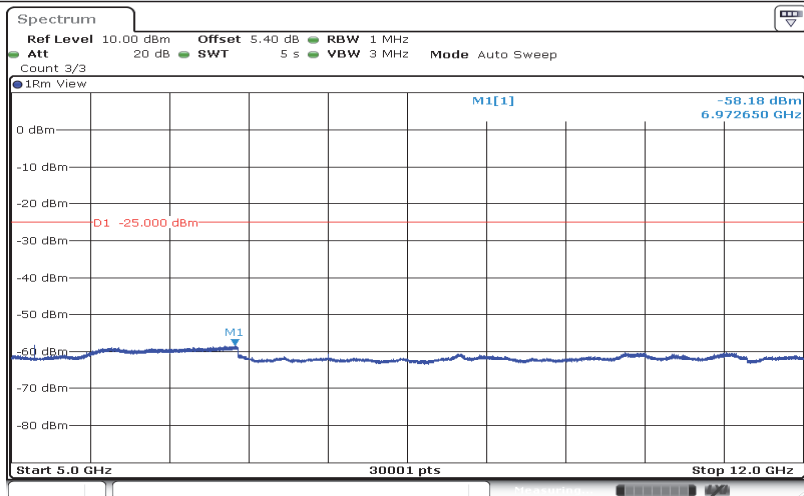
Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~5000MHz



Date: 6.MAY.2020 12:02:53

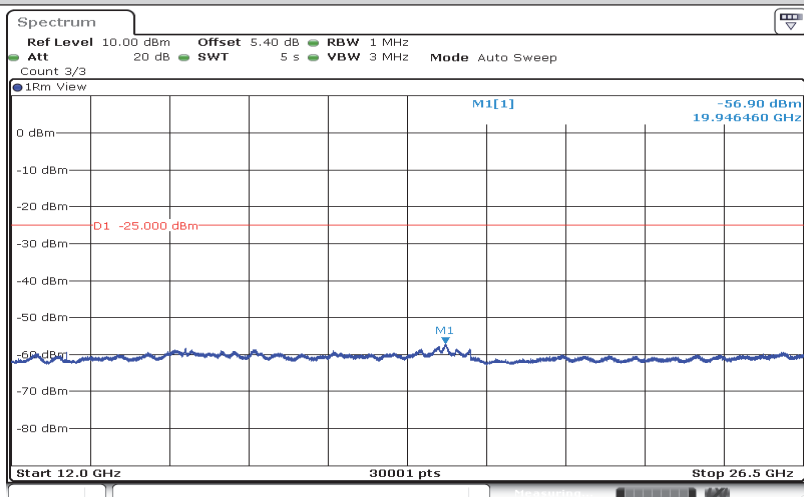


Band38-20MHz-64QAM-38150-1RB#0-Range3:5000~12000MHz



Date: 6.MAY.2020 12:03:15

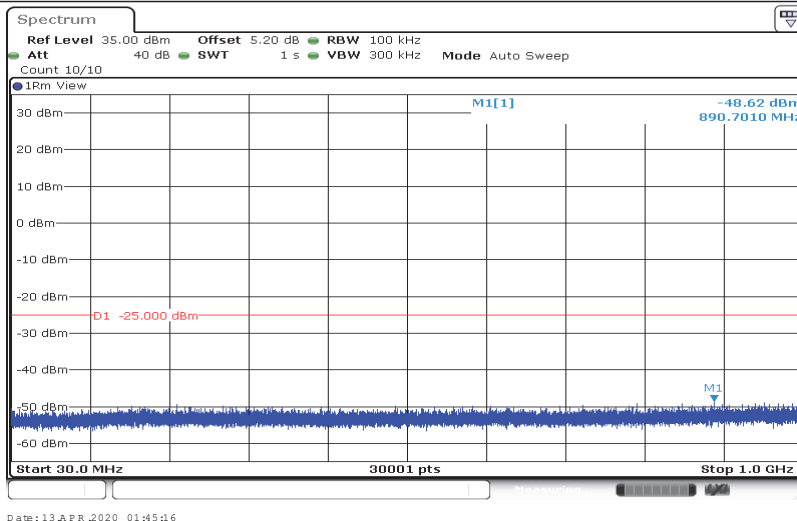
Band38-20MHz-64QAM-38150-1RB#0-Range4:12000~26500MHz



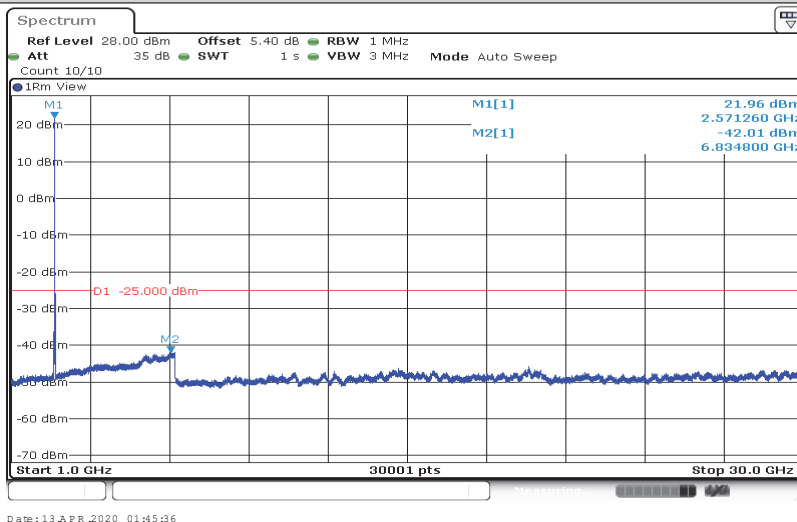
Date: 6.MAY.2020 12:03:37



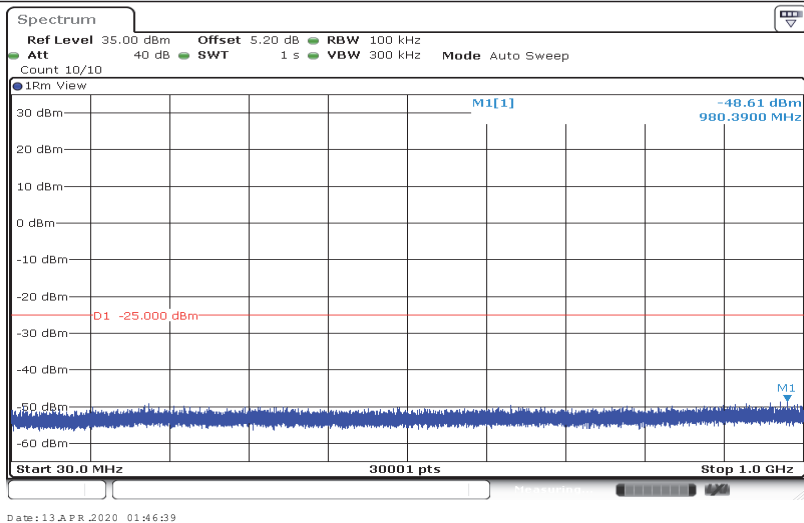
Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



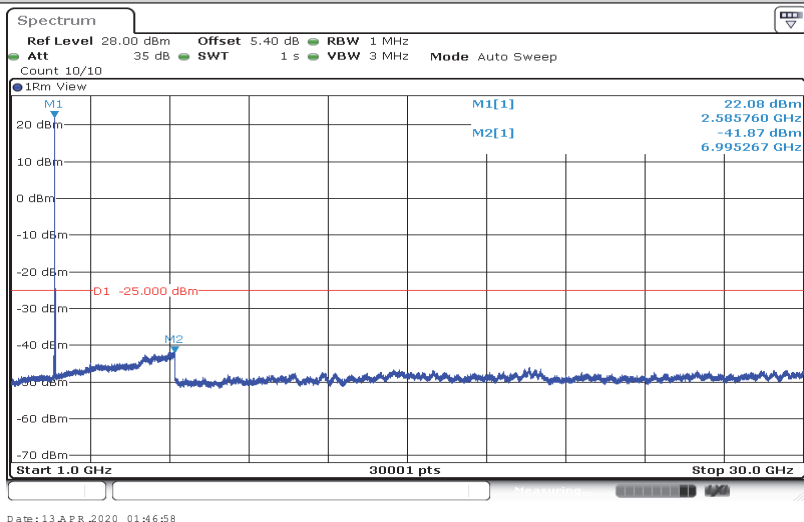
Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



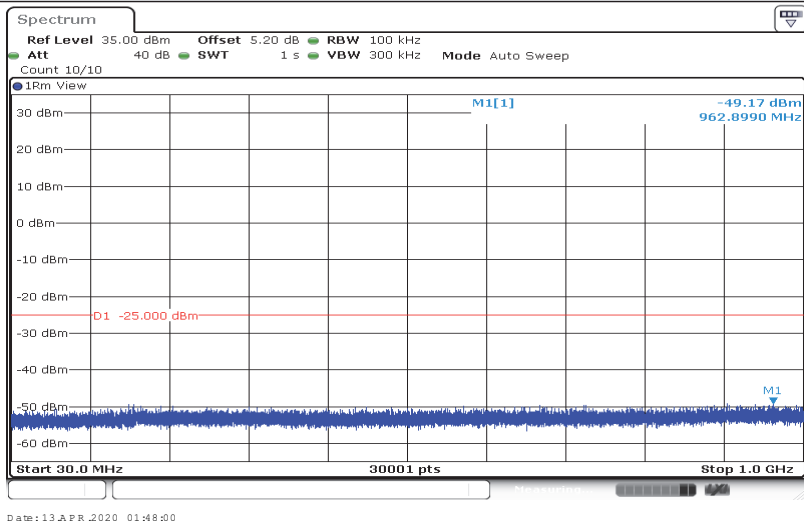
Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



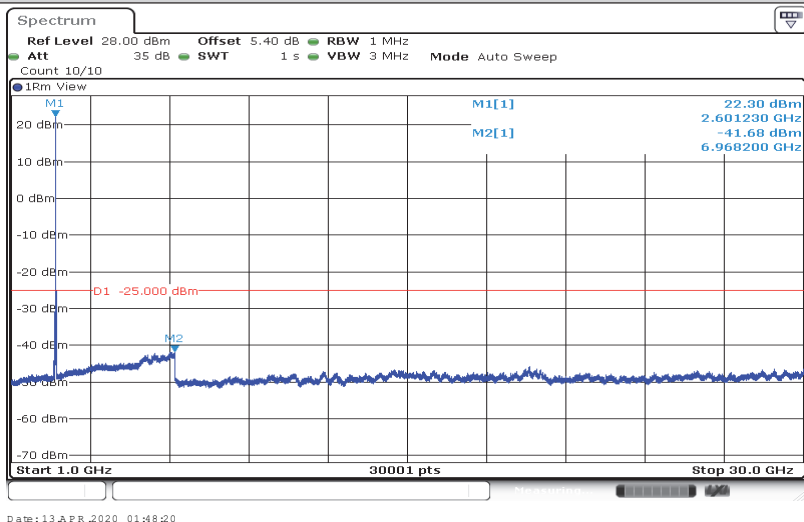
Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz





7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.450000	-78.76	-25.00	53.76	Vertical
326.750000	-79.65	-25.00	54.65	Vertical
926.758333	-74.88	-25.00	49.88	Vertical
5050.750000	-64.76	-25.00	39.76	Vertical
7969.900000	-61.60	-25.00	36.60	Vertical
10602.075000	-60.64	-25.00	35.64	Vertical
56.100000	-74.97	-25.00	49.97	Horizontal
266.700000	-86.15	-25.00	61.15	Horizontal
960.629167	-74.56	-25.00	49.56	Horizontal
5080.000000	-64.35	-25.00	39.35	Horizontal
7911.400000	-61.99	-25.00	36.99	Horizontal
10655.050000	-60.77	-25.00	35.77	Horizontal

7.1.2.Test Channel = MCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.450000	-78.15	-25.00	53.15	Vertical
353.200000	-84.25	-25.00	59.25	Vertical
944.404167	-75.25	-25.00	50.25	Vertical
5129.075000	-65.40	-25.00	40.40	Vertical
7820.075000	-62.31	-25.00	37.31	Vertical
10633.925000	-61.05	-25.00	36.05	Vertical
62.950000	-75.68	-25.00	50.68	Horizontal
366.000000	-81.42	-25.00	56.42	Horizontal
951.875000	-74.76	-25.00	49.76	Horizontal
5231.775000	-65.59	-25.00	40.59	Horizontal
7873.050000	-62.17	-25.00	37.17	Horizontal
10621.575000	-61.07	-25.00	36.07	Horizontal



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



7.1.3. Test Channel = HCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.250000	-75.36	-25.00	50.36	Vertical
261.800000	-85.52	-25.00	60.52	Vertical
939.637500	-75.26	-25.00	50.26	Vertical
5083.900000	-64.55	-25.00	39.55	Vertical
7085.250000	-62.34	-25.00	37.34	Vertical
10630.350000	-60.32	-25.00	35.32	Vertical
62.850000	-78.53	-25.00	53.53	Horizontal
337.450000	-80.36	-25.00	55.36	Horizontal
926.758333	-75.49	-25.00	50.49	Horizontal
4945.775000	-64.50	-25.00	39.50	Horizontal
7095.975000	-62.36	-25.00	37.36	Horizontal
10646.925000	-60.85	-25.00	35.85	Horizontal

7.1.4. Test Channel = LCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.250000	-79.11	-25.00	54.11	Vertical
549.000000	-79.97	-25.00	54.97	Vertical
941.195833	-74.96	-25.00	49.96	Vertical
5102.750000	-64.71	-25.00	39.71	Vertical
7822.025000	-62.30	-25.00	37.30	Vertical
10620.275000	-60.42	-25.00	35.42	Vertical
62.950000	-75.15	-25.00	50.15	Horizontal
267.600000	-85.57	-25.00	60.57	Horizontal
961.179167	-74.72	-25.00	49.72	Horizontal
4998.100000	-64.35	-25.00	39.35	Horizontal
7162.600000	-62.07	-25.00	37.07	Horizontal
10613.450000	-60.74	-25.00	35.74	Horizontal



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

7.1.5. Test Channel = MCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
60.400000	-75.38	-25.00	50.38	Vertical
343.600000	-78.64	-25.00	53.64	Vertical
959.483333	-74.49	-25.00	49.49	Vertical
5061.800000	-64.42	-25.00	39.42	Vertical
7158.375000	-62.24	-25.00	37.24	Vertical
10656.675000	-60.44	-25.00	35.44	Vertical
62.550000	-73.83	-25.00	48.83	Horizontal
219.700000	-83.49	-25.00	58.49	Horizontal
957.375000	-74.61	-25.00	49.61	Horizontal
5172.300000	-63.95	-25.00	38.95	Horizontal
7979.000000	-61.54	-25.00	36.54	Horizontal
10613.450000	-60.81	-25.00	35.81	Horizontal

7.1.6. Test Channel = HCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.800000	-79.04	-25.00	54.04	Vertical
358.350000	-83.39	-25.00	58.39	Vertical
957.283333	-75.14	-25.00	50.14	Vertical
5186.275000	-65.03	-25.00	40.03	Vertical
7714.450000	-62.50	-25.00	37.50	Vertical
10622.875000	-60.68	-25.00	35.68	Vertical
63.550000	-75.48	-25.00	50.48	Horizontal
623.204167	-80.41	-25.00	55.41	Horizontal
938.583333	-74.94	-25.00	49.94	Horizontal
5201.875000	-63.84	-25.00	38.84	Horizontal
7799.600000	-61.70	-25.00	36.70	Horizontal
10612.150000	-60.91	-25.00	35.91	Horizontal

Remark:

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



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



8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-4.70	-0.001822	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-4.70	-0.001822	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-8.30	-0.003217	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-10.70	-0.004123	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-6.10	-0.002351	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	1.30	0.000501	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-4.30	-0.001648	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-9.70	-0.003716	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-9.00	-0.003448	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-11.20	-0.004341	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	0.60	0.000233	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-6.20	-0.002403	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-5.60	-0.002158	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-4.90	-0.001888	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-5.50	-0.002119	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-5.90	-0.002261	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-13.20	-0.005057	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-8.50	-0.003257	±2.5	PASS





8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	1.50	0.000581	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-0.10	-0.000039	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-2.40	-0.000930	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-1.60	-0.000620	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-6.30	-0.002442	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-1.90	-0.000736	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-0.10	-0.000039	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-2.90	-0.001118	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-3.60	-0.001387	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-11.30	-0.004355	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-1.90	-0.000732	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-4.00	-0.001541	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-3.10	-0.001195	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	4.30	0.001657	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-1.30	-0.000498	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-4.50	-0.001724	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-7.50	-0.002874	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-0.70	-0.000268	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-10.90	-0.004176	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-12.40	-0.004751	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	0.10	0.000038	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-7.20	-0.002759	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-5.90	-0.002287	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-3.30	-0.001279	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-2.60	-0.001008	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-9.90	-0.003837	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-5.20	-0.002016	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-4.80	-0.001860	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	1.90	0.000736	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	3.50	0.001357	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-2.90	-0.001118	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-6.80	-0.002620	±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-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.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



Band38	20MHz	16QAM	38000	100RB#0	NV	0	-4.10	-0.001580	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-4.40	-0.001696	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-0.30	-0.000116	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-0.90	-0.000347	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-5.10	-0.001965	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-3.70	-0.001426	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-2.00	-0.000766	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-12.20	-0.004674	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-4.80	-0.001839	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-4.40	-0.001686	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-2.90	-0.001111	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-8.10	-0.003103	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-2.30	-0.000881	±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