

Appendix B

E-UTRA Band 38



CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1	TEST RESULT	4
2	PEAK-TO-AVERAGE RATIO (CCDF).....	18
2.1	TEST RESULT	18
2.2	TEST PLOTS	19
3	MODULATION CHARACTERISTICS	24
3.1	TEST MODE = LTE /TM1 20MHZ.....	24
3.1.1	TEST CHANNEL = MCH	24
3.2	TEST MODE = LTE /TM2 20MHZ.....	25
3.2.1	TEST CHANNEL = MCH	25
3.3	TEST MODE = LTE /TM3 20MHZ.....	26
3.3.1	TEST CHANNEL = MCH	26
4	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	27
4.1	TEST RESULT	27
4.2	TEST PLOTS	28
5	BAND EDGE COMPLIANCE	47
5.1	TEST PLOTS	47
6	SPURIOUS EMISSION AT ANTENNA TERMINAL	72
6.1	TEST PLOTS	72
7	FIELD STRENGTH OF SPURIOUS RADIATION	82
7.1	TEST MODE =LTE/TM1 20MHZ (ANT1).....	82
7.1.1	TEST CHANNEL = LCH	82
7.1.2	TEST CHANNEL = MCH	82
7.1.3	TEST CHANNEL = HCH	83
7.2	TEST MODE =LTE/TM1 20MHZ (ANT2)	84
7.2.1	TEST CHANNEL = LCH	84
7.2.2	TEST CHANNEL = MCH	84
7.2.3	TEST CHANNEL = HCH	85



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

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

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



8	FREQUENCY STABILITY	86
8.1	FREQUENCY VS VOLTAGE	86
8.2	FREQUENCY VS TEMPERATURE	87



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



1 Effective (Isotropic) Radiated Power

1.1 Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.43	22.68	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.45	22.7	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.37	22.62	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.37	21.62	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.35	21.6	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.33	21.58	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.33	21.58	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.42	22.67	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.42	22.67	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.40	22.65	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.38	21.63	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.35	21.6	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.37	21.62	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.35	21.6	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.38	22.63	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.38	22.63	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.38	22.63	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.32	21.57	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.38	21.63	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.31	21.56	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.33	21.58	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.64	21.89	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.66	21.91	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.61	21.86	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.40	20.65	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.34	20.59	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.33	20.58	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.31	20.56	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.65	21.9	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.65	21.9	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. 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
Shenzhen Branch, CSTC Laboratory. 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	38000	1RB#24	22.64	21.89	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.45	20.7	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.38	20.63	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.39	20.64	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.34	20.59	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.62	21.87	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.59	21.84	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.62	21.87	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.38	20.63	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.37	20.62	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.34	20.59	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.31	20.56	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.62	20.87	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.62	20.87	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.55	20.8	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	20.38	19.63	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	20.34	19.59	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.30	19.55	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.37	19.62	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.62	20.87	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.60	20.85	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.58	20.83	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	20.38	19.63	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	20.38	19.63	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	20.31	19.56	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.40	19.65	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.57	20.82	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.55	20.8	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.56	20.81	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	20.32	19.57	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	20.31	19.56	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.33	19.58	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.38	19.63	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.39	22.64	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.36	22.61	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.38	22.63	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.35	21.6	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.28	21.53	33.00	PASS





Band38	10MHz	QPSK	37800	25RB#25	22.32	21.57	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.36	21.61	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.40	22.65	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.39	22.64	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.36	22.61	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.35	21.6	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.34	21.59	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.31	21.56	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.39	21.64	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.36	22.61	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.34	22.59	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.33	22.58	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.36	21.61	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.36	21.61	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.32	21.57	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.37	21.62	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.63	21.88	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.61	21.86	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.62	21.87	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.32	20.57	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.28	20.53	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.31	20.56	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.34	20.59	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.63	21.88	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.65	21.9	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.60	21.85	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.33	20.58	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.27	20.52	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.30	20.55	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.37	20.62	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.60	21.85	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.60	21.85	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.59	21.84	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.31	20.56	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.29	20.54	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.29	20.54	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.37	20.62	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.63	20.88	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.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#24	21.61	20.86	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.62	20.87	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.40	19.65	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	20.39	19.64	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	20.41	19.66	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.32	19.57	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.65	20.9	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.65	20.9	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.60	20.85	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.39	19.64	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	20.37	19.62	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	20.39	19.64	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.39	19.64	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.61	20.86	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.62	20.87	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.58	20.83	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.42	19.67	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.41	19.66	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	20.37	19.62	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.35	19.6	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.34	22.59	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.33	22.58	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.30	22.55	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.33	22.58	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.33	22.58	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.36	22.61	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.28	21.53	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.35	22.6	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.36	22.61	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.30	22.55	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.35	22.6	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.38	22.63	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.37	22.62	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.33	21.58	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.31	22.56	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.35	22.6	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.26	22.51	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	23.31	22.56	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.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	38RB#18	23.37	22.62	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	23.36	22.61	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.35	21.6	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.60	21.85	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.58	21.83	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.60	21.85	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.32	20.57	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.65	21.9	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.58	21.83	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.65	21.9	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.34	20.59	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.64	21.89	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.55	21.8	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.62	21.87	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.65	21.9	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.61	21.86	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.34	20.59	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.60	20.85	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.61	20.86	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.58	20.83	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	21.60	20.85	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	21.60	20.85	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	21.61	20.86	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.31	19.56	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.61	20.86	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.63	20.88	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.58	20.83	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	21.62	20.87	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	21.65	20.9	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	21.63	20.88	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.32	19.57	33.00	PASS





Band38	15MHz	64QAM	38175	1RB#0	21.58	20.83	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.64	20.89	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.55	20.8	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	21.59	20.84	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	21.65	20.9	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	21.61	20.86	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.34	19.59	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.32	22.57	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.40	22.65	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.26	22.51	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.35	21.6	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.37	21.62	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.29	21.54	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.29	21.54	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.27	22.52	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.39	22.64	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.30	22.55	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.38	21.63	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.39	21.64	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.34	21.59	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.36	21.61	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.35	22.6	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.37	22.62	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.25	22.5	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.41	21.66	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.43	21.68	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.36	21.61	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.36	21.61	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.57	21.82	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.66	21.91	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.53	21.78	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.37	20.62	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.36	20.61	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.29	20.54	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.38	20.63	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.53	21.78	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.65	21.9	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.56	21.81	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.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	50RB#0	21.38	20.63	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.40	20.65	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.39	20.64	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.40	20.65	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.60	21.85	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.63	21.88	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.51	21.76	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.42	20.67	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.41	20.66	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.36	20.61	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.40	20.65	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.58	20.83	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.68	20.93	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.53	20.78	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	20.32	19.57	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	20.39	19.64	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	20.28	19.53	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.31	19.56	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.54	20.79	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.64	20.89	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.56	20.81	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	20.35	19.6	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	20.34	19.59	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.36	19.61	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.34	19.59	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.59	20.84	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.64	20.89	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.49	20.74	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	20.37	19.62	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.42	19.67	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	20.39	19.64	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.34	19.59	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 deemed to have accepted the Terms and Conditions of the document and the 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 signature of this document is strictly prohibited and may, if detected, lead to the document being rendered null and void. 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 the product, please contact us by phone 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.sqsgroup.com.cn

中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057

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

sgs.china@sgs.com



ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.59	19.39	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.63	19.43	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.62	19.42	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.58	18.38	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.56	18.36	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.61	18.41	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.58	18.38	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.51	19.31	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.57	19.37	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.54	19.34	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.58	18.38	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.55	18.35	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.53	18.33	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.52	18.32	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.56	19.36	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.53	19.33	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.61	19.41	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.54	18.34	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.55	18.35	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.52	18.32	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.57	18.37	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.64	18.44	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.60	18.4	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.63	18.43	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.53	17.33	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.46	17.26	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.51	17.31	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.61	17.41	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.53	18.33	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.53	18.33	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.54	18.34	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.50	17.3	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.50	17.3	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.47	17.27	33.00	PASS





Band38	5MHz	16QAM	38000	25RB#0	20.54	17.34	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.62	18.42	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.52	18.32	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.55	18.35	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.53	17.33	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.46	17.26	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.50	17.3	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.57	17.37	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.54	17.34	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.48	17.28	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.50	17.3	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.62	16.42	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.77	16.57	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	19.63	16.43	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.70	16.5	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.62	17.42	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.61	17.41	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	20.72	17.52	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.69	16.49	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	19.62	16.42	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.74	16.54	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.77	16.57	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.70	17.5	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.66	17.46	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.60	17.4	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.71	16.51	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.77	16.57	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	19.64	16.44	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.77	16.57	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.61	19.41	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.59	19.39	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.66	19.46	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.55	18.35	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.59	18.39	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.55	18.35	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.59	18.39	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.54	19.34	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.55	19.35	33.00	PASS





Band38	10MHz	QPSK	38000	1RB#49	22.52	19.32	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.52	18.32	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.57	18.37	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.55	18.35	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.55	18.35	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.56	19.36	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.53	19.33	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.56	19.36	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.56	18.36	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.57	18.37	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.56	18.36	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.54	18.34	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.60	18.4	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.61	18.41	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.61	18.41	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.56	17.36	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.63	17.43	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.64	17.44	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.65	17.45	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.58	18.38	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.60	18.4	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.54	18.34	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.56	17.36	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.61	17.41	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.55	17.35	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.59	17.39	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.50	18.3	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.57	18.37	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.56	18.36	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.62	17.42	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.59	17.39	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.59	17.39	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.53	17.33	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.59	17.39	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	20.62	17.42	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	20.64	17.44	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	19.66	16.46	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.69	16.49	33.00	PASS





Band38	10MHz	64QAM	37800	25RB#25	19.72	16.52	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	19.73	16.53	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	20.65	17.45	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.47	17.27	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.62	17.42	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	19.71	16.51	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.76	16.56	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.70	16.5	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.64	16.44	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.48	17.28	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	20.70	17.5	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	20.51	17.31	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	19.62	16.42	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	19.64	16.44	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.75	16.55	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.77	16.57	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.59	19.39	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.66	19.46	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.64	19.44	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.57	18.37	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.59	18.39	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.61	18.41	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.54	18.34	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.59	19.39	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.62	19.42	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.52	19.32	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.50	18.3	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.56	18.36	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.50	18.3	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.54	18.34	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.49	19.29	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.61	19.41	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.54	19.34	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.52	18.32	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.51	18.31	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.47	18.27	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.47	18.27	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.59	18.39	33.00	PASS





Band38	15MHz	16QAM	37825	1RB#38	21.59	18.39	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.62	18.42	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.53	17.33	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.59	17.39	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.52	17.32	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.59	17.39	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.54	18.34	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.59	18.39	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.53	18.33	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.49	17.29	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.46	17.26	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.47	17.27	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.57	17.37	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.55	18.35	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.54	18.34	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.53	18.33	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.47	17.27	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.45	17.25	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.43	17.23	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.48	17.28	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.41	17.21	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.45	17.25	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.54	17.34	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	19.68	16.48	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	19.62	16.42	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	19.64	16.44	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.66	16.46	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.54	17.34	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.58	17.38	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.42	17.22	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	19.73	16.53	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	19.64	16.44	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	19.77	16.57	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	19.65	16.45	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.58	17.38	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	20.57	17.37	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.47	17.27	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	19.64	16.44	33.00	PASS





Band38	15MHz	64QAM	38175	38RB#18	19.68	16.48	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	19.72	16.52	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.66	16.46	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.55	19.35	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.68	19.48	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.60	19.4	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.61	18.41	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.58	18.38	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.61	18.41	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.61	18.41	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.52	19.32	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.56	19.36	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.50	19.3	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.52	18.32	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.59	18.39	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.49	18.29	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.50	18.3	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.41	19.21	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.54	19.34	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.45	19.25	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.51	18.31	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.56	18.36	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.53	18.33	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.48	18.28	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.53	18.33	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.67	18.47	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.56	18.36	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.67	17.47	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.59	17.39	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.58	17.38	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.54	17.34	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.55	18.35	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.61	18.41	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.49	18.29	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.53	17.33	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.54	17.34	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.53	17.33	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.56	17.36	33.00	PASS



Band38	20MHz	16QAM	38150	1RB#0	21.53	18.33	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.52	18.32	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.50	18.3	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.53	17.33	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.59	17.39	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.54	17.34	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.57	17.37	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.72	17.52	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.53	17.33	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.65	17.45	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.73	16.53	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.75	16.55	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.62	16.42	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.66	16.46	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.61	17.41	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.67	17.47	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.70	17.5	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.76	16.56	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.75	16.55	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	19.75	16.55	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.72	16.52	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	20.70	17.5	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.59	17.39	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.56	17.36	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.71	16.51	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	19.69	16.49	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.63	16.43	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	19.66	16.46	33.00	PASS

Remark:

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

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

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



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

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

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



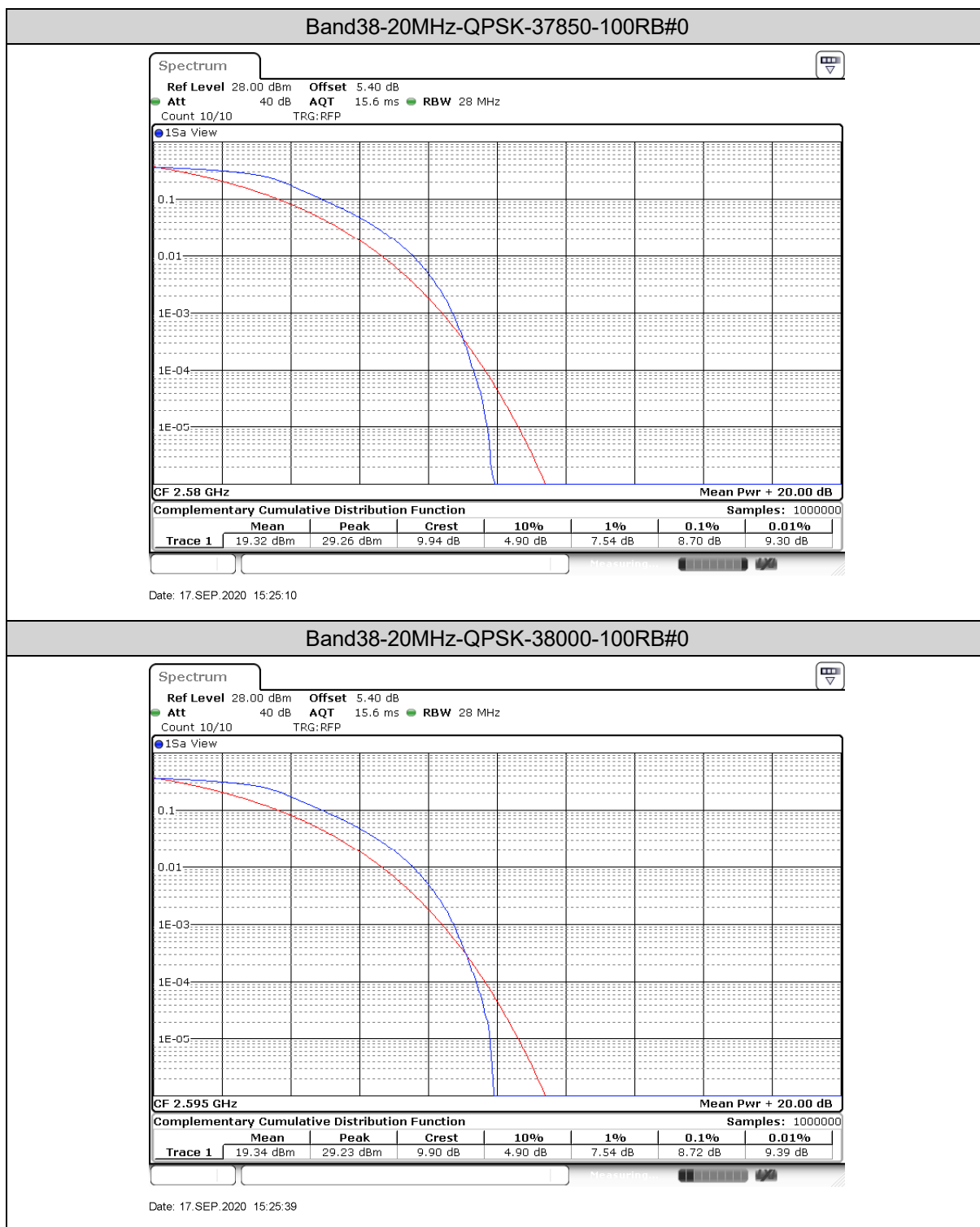
2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

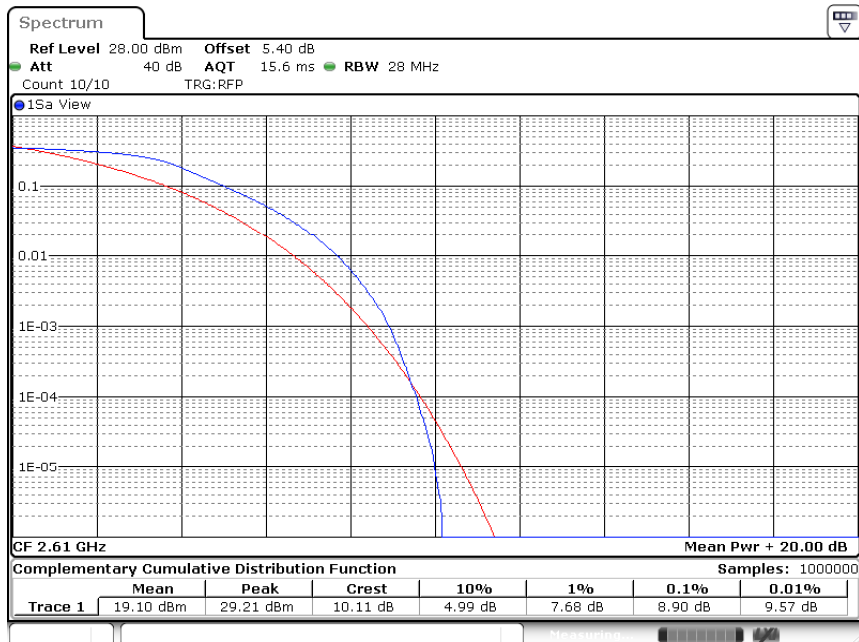
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.70	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.72	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.90	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.57	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.57	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.88	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	9.83	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.74	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.74	13	PASS



2.2 Test Plots



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



Date: 17.SEP.2020 15:26:07

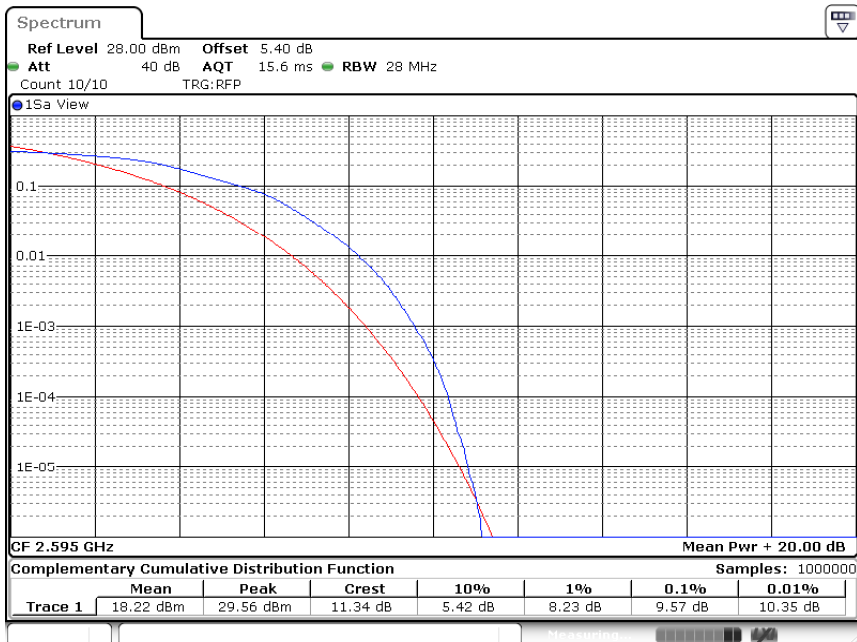
Band38-20MHz-16QAM-37850-100RB#0



Date: 17.SEP.2020 15:25:24

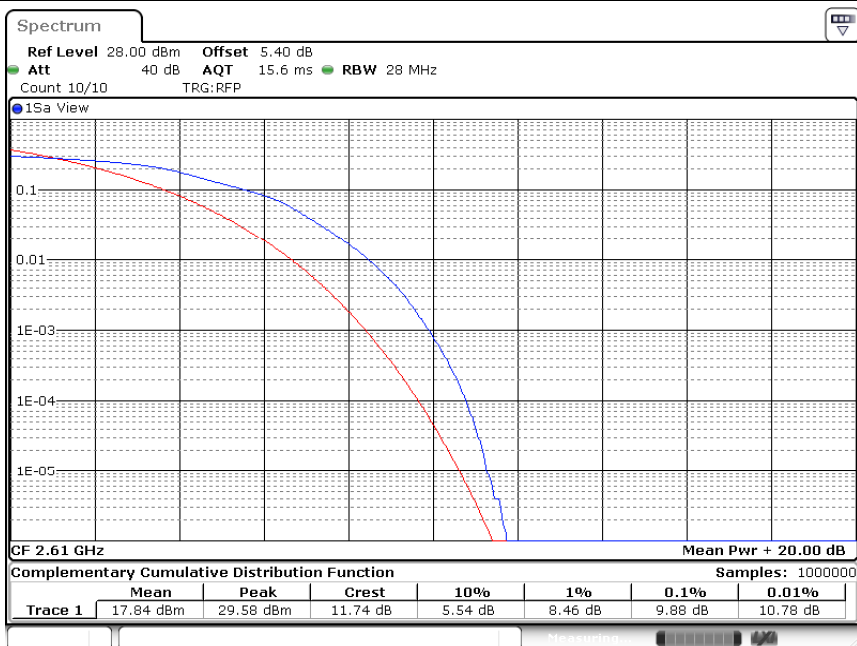


Band38-20MHz-16QAM-38000-100RB#0



Date: 17.SEP.2020 15:25:53

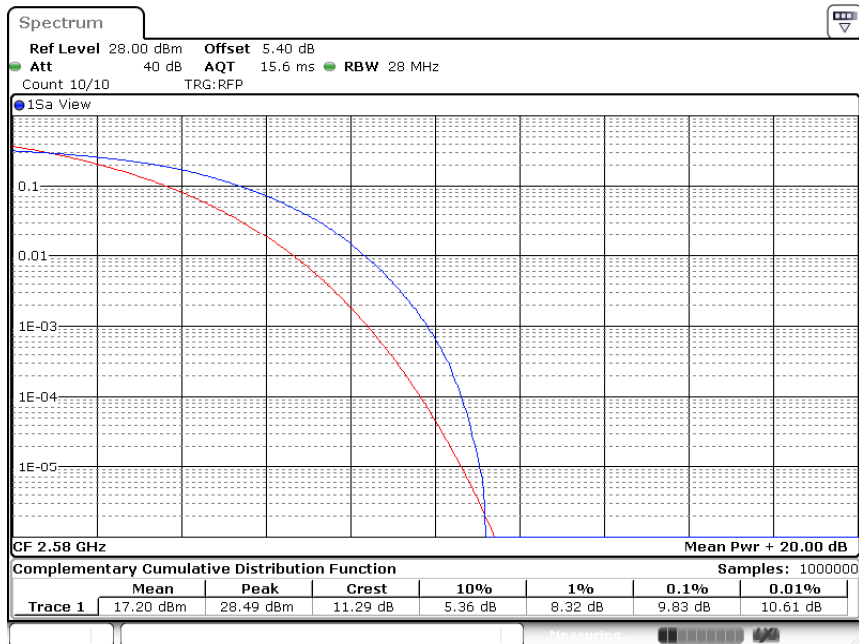
Band38-20MHz-16QAM-38150-100RB#0



Date: 17.SEP.2020 15:26:21

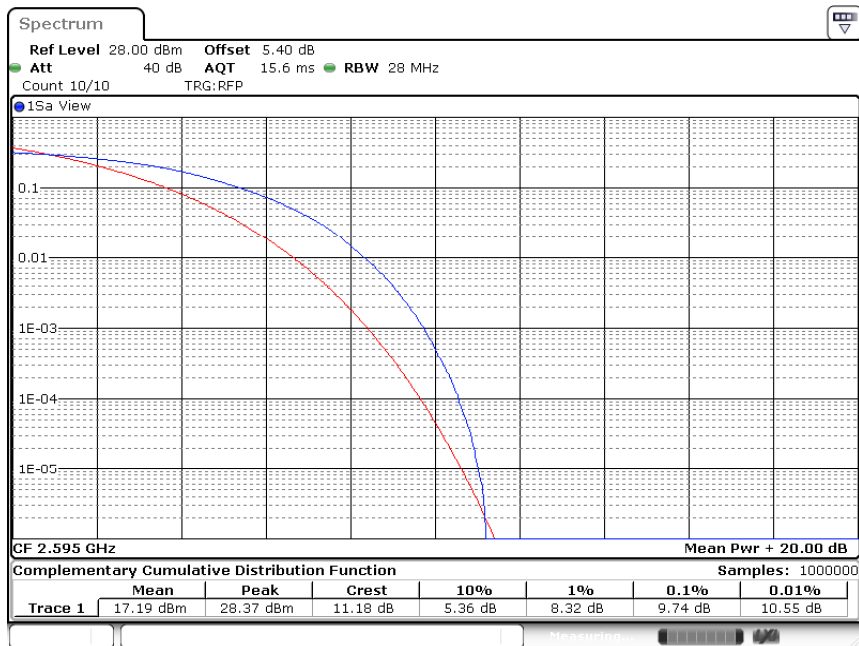


Band38-20MHz-64QAM-37850-100RB#0



Date: 17.SEP.2020 15:55:15

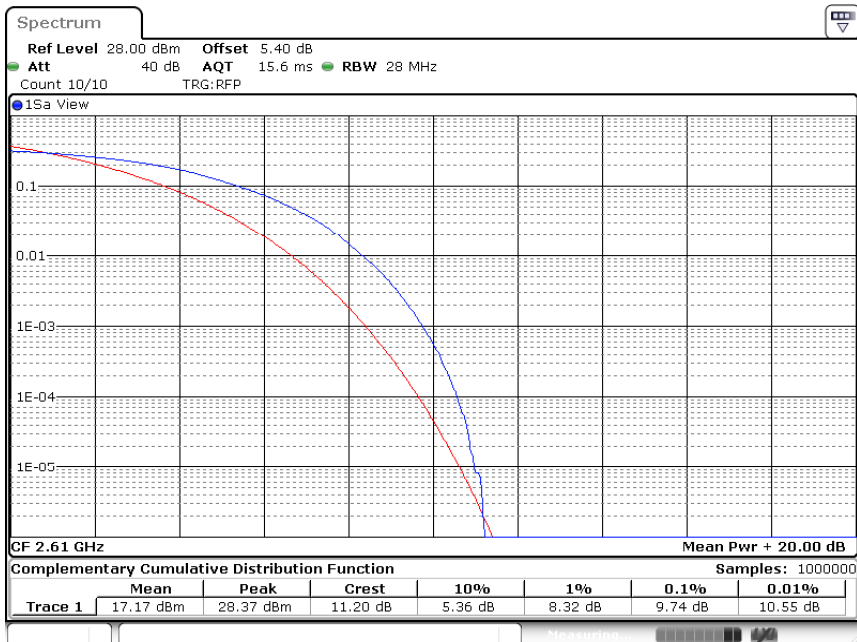
Band38-20MHz-64QAM-38000-100RB#0



Date: 17.SEP.2020 15:55:44



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



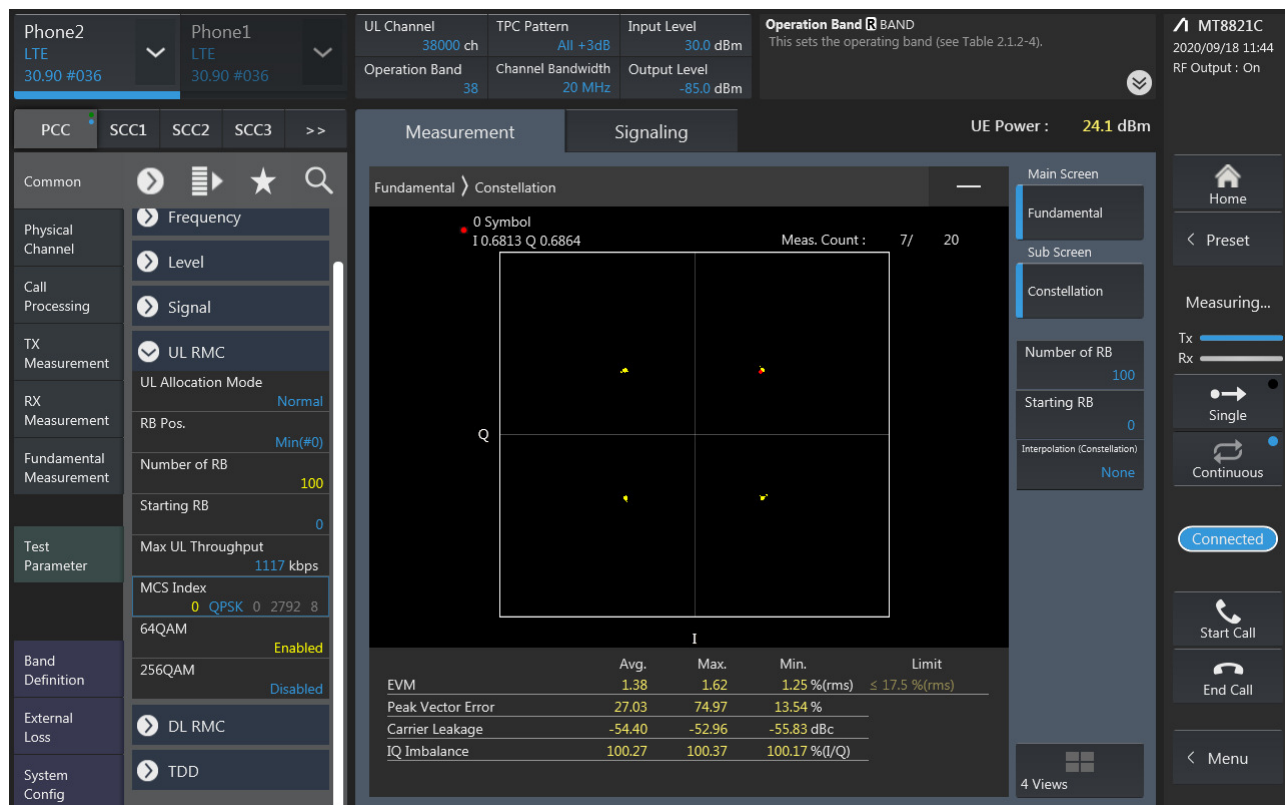
Date: 17.SEP.2020 15:56:12



3 Modulation Characteristics

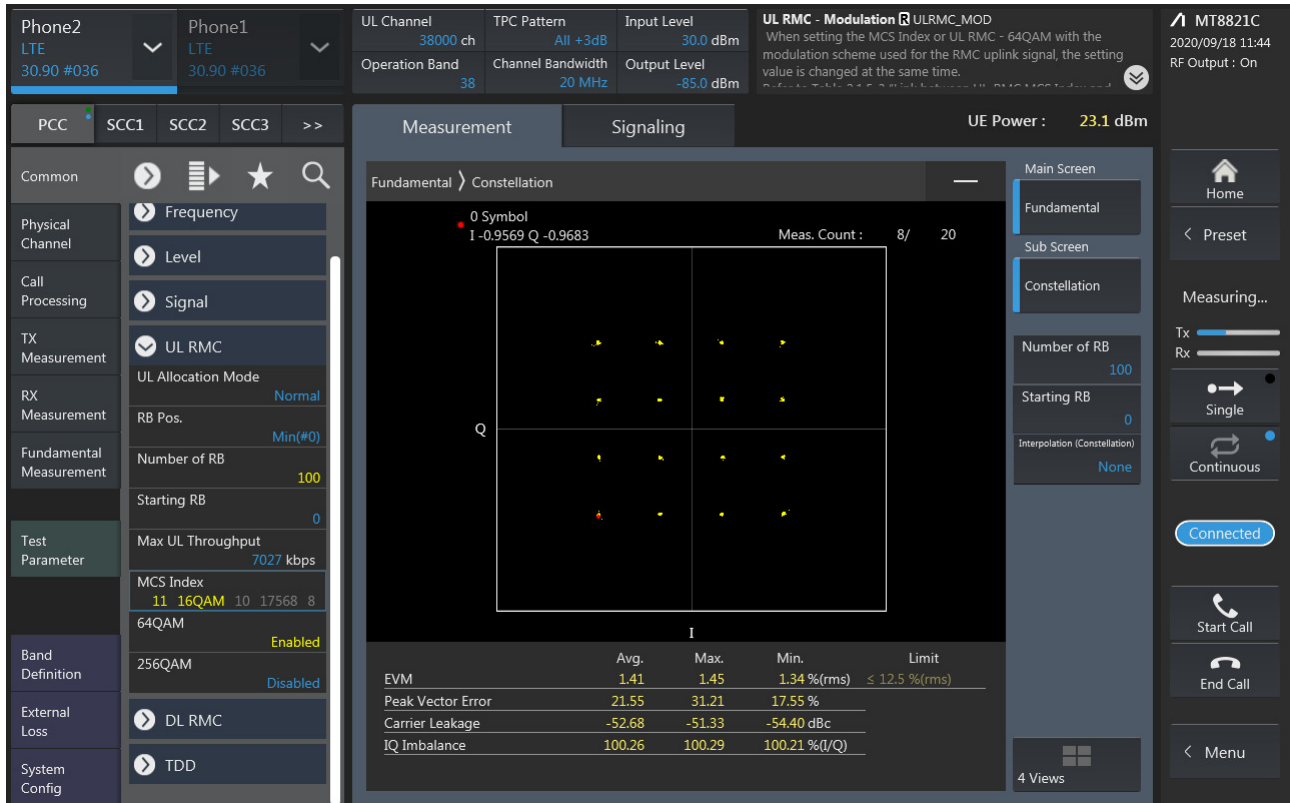
3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH



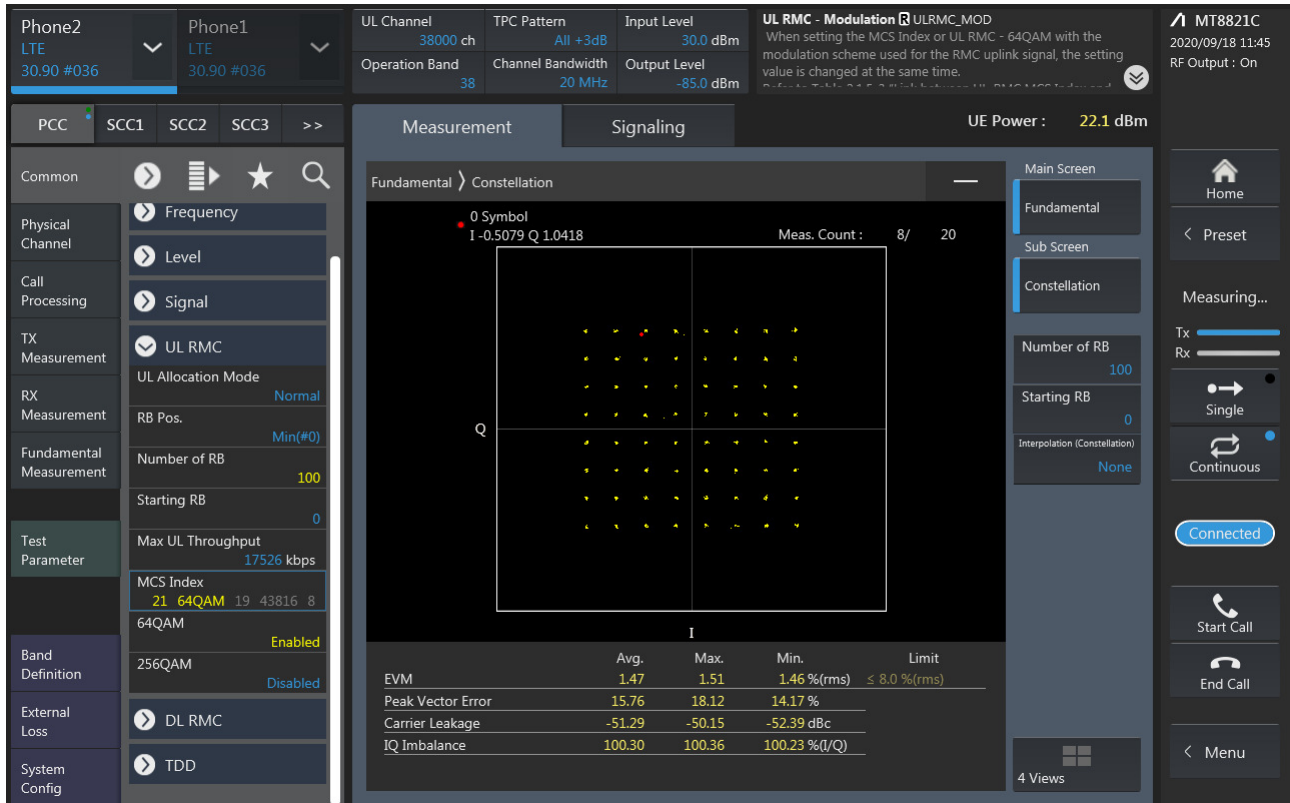
3.2 Test Mode = LTE /TM2 20MHz

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	4.466	4.890	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.870	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.880	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.890	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.900	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.890	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	4.990	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	4.980	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.486	5.000	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.918	9.867	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.918	9.800	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.918	9.767	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.952	9.967	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.952	10.033	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.918	9.867	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.952	10.100	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.952	10.400	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.952	10.100	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.527	16.300	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.502	16.870	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.527	17.050	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.478	15.950	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.527	16.700	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.527	16.950	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.478	15.150	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.478	15.250	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.478	15.400	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.97	21.133	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.97	20.667	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.97	20.267	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.903	19.333	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.

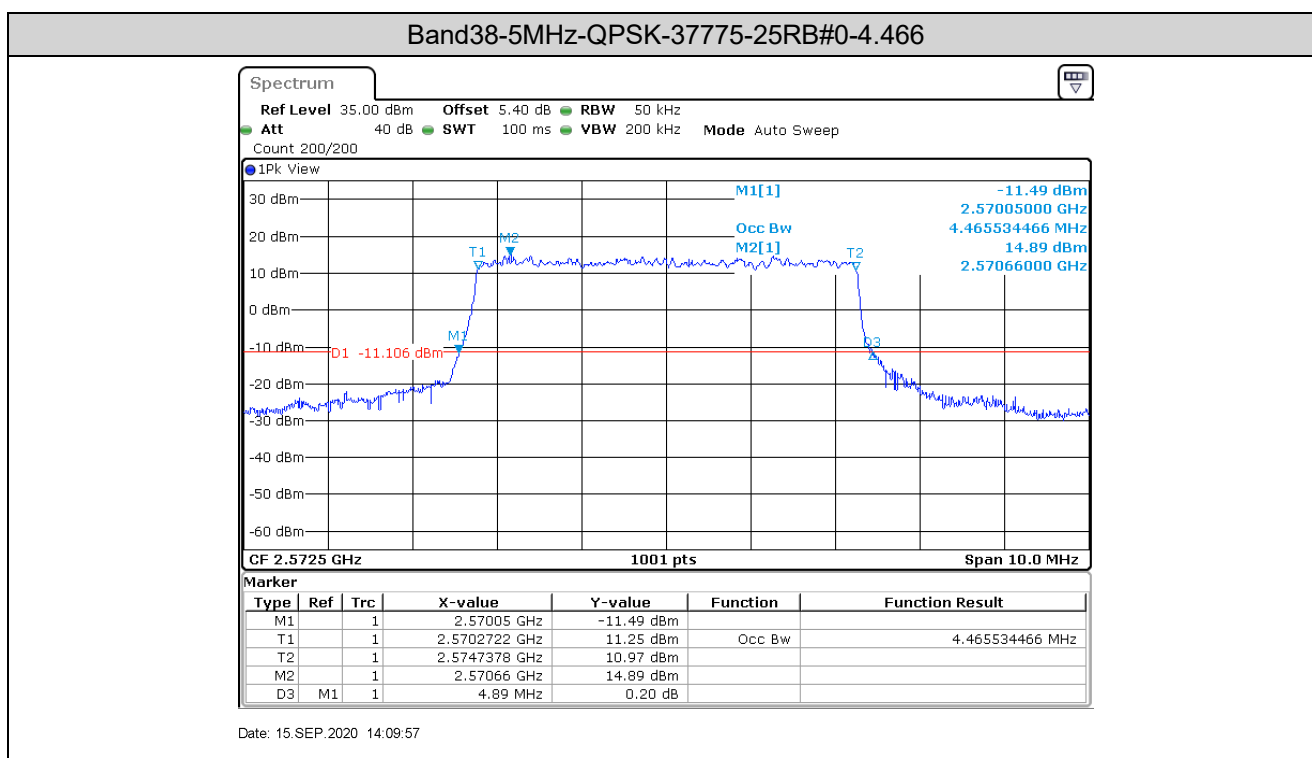
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

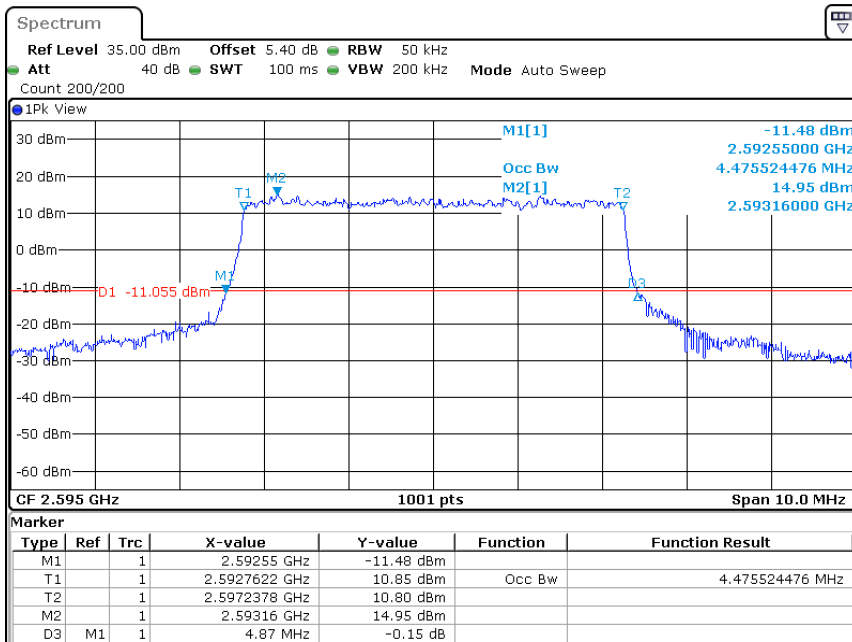
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38	20MHz	16QAM	38000	100RB#0	17.903	19.267	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.903	19.333	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.97	19.467	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.903	19.467	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.903	19.400	PASS

4.2 Test Plots

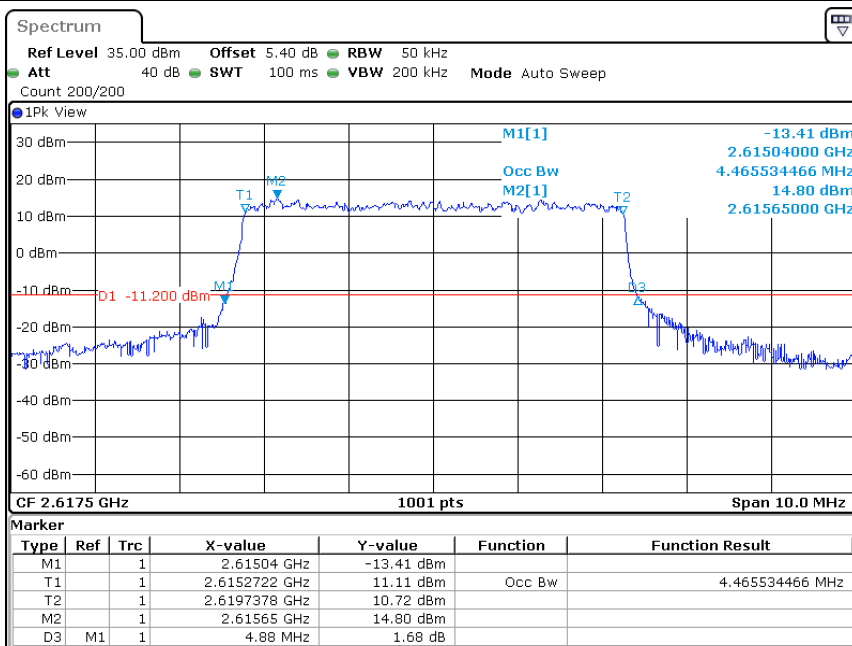


Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 15.SEP.2020 14:11:09

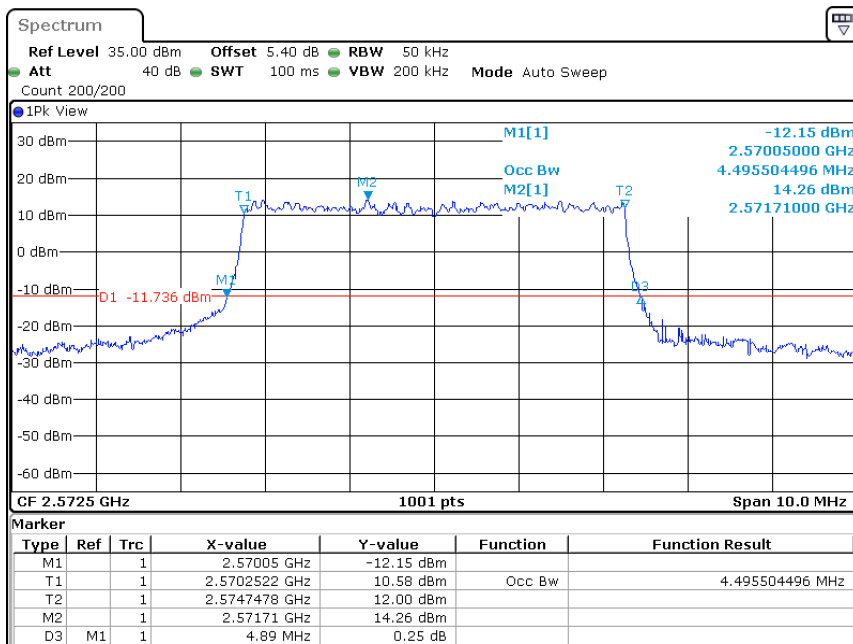
Band38-5MHz-QPSK-38225-25RB#0-4.466



Date: 15.SEP.2020 14:12:20

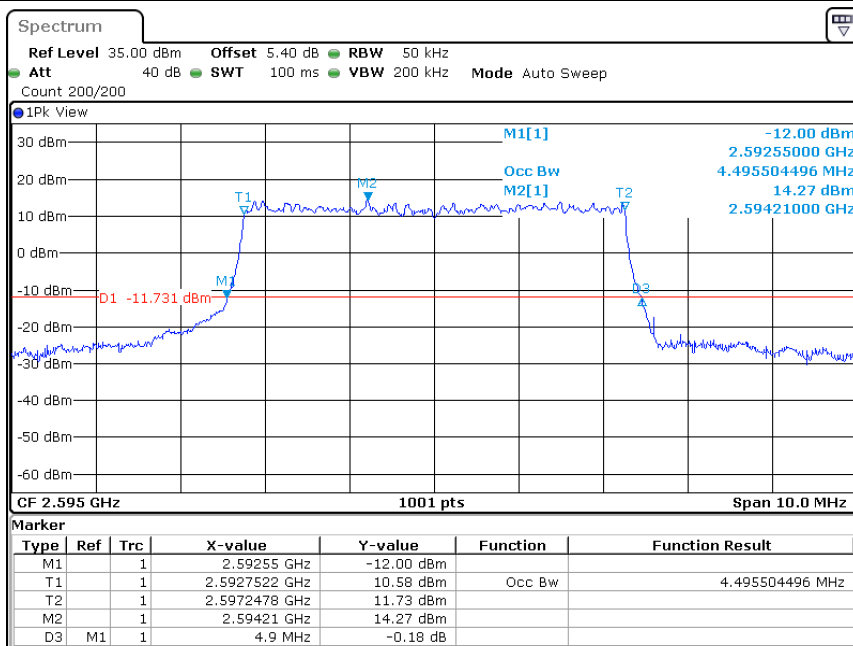


Band38-5MHz-16QAM-37775-25RB#0-4.496



Date: 15.SEP.2020 14:10:33

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



Date: 15.SEP.2020 14:11:44



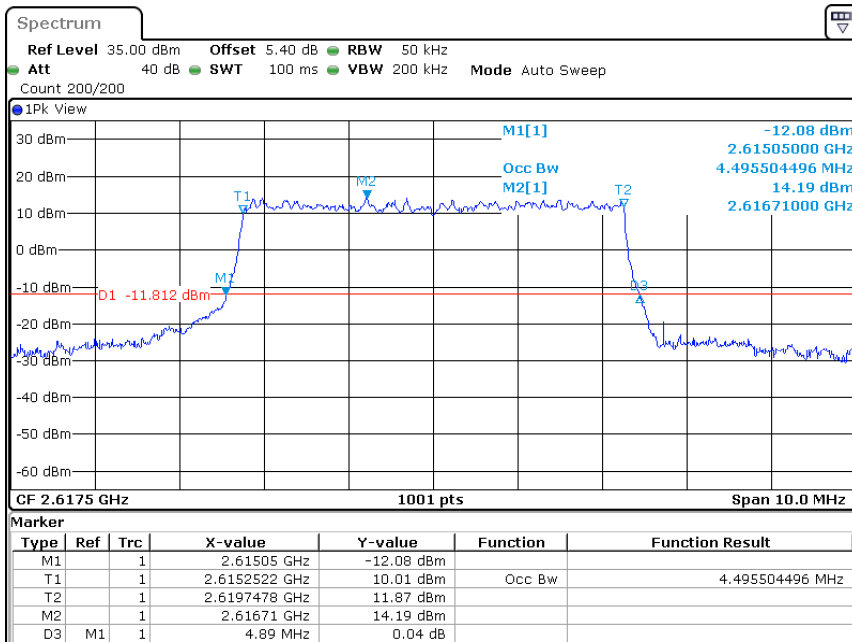
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

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 deemed to have accepted the Terms and Conditions of the document and the 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 signature of this document is strictly prohibited and may result in severe civil or criminal penalties. Any other results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

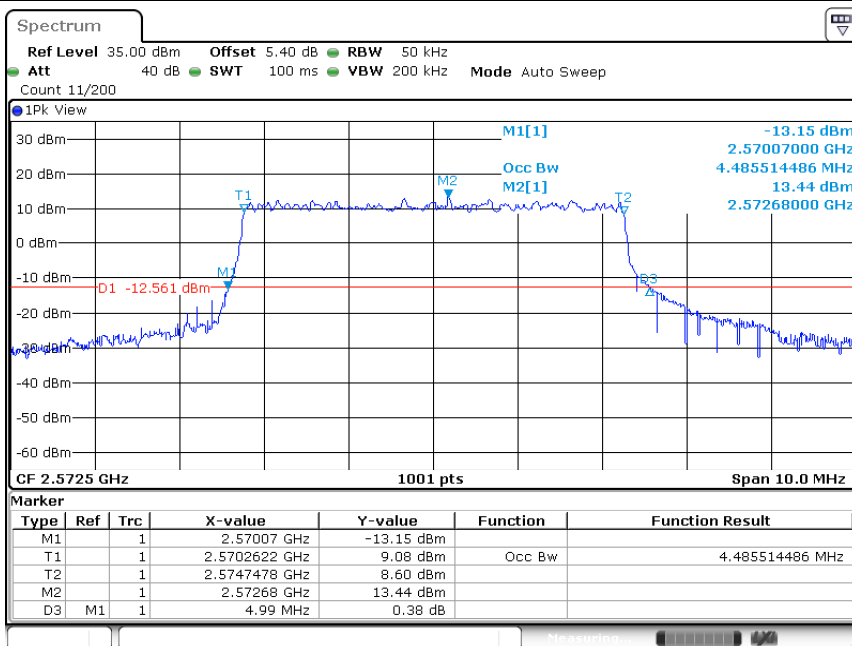
Member of the SGS Group (SGS SA)

Band38-5MHz-16QAM-38225-25RB#0-4.496



Date: 15.SEP.2020 14:12:56

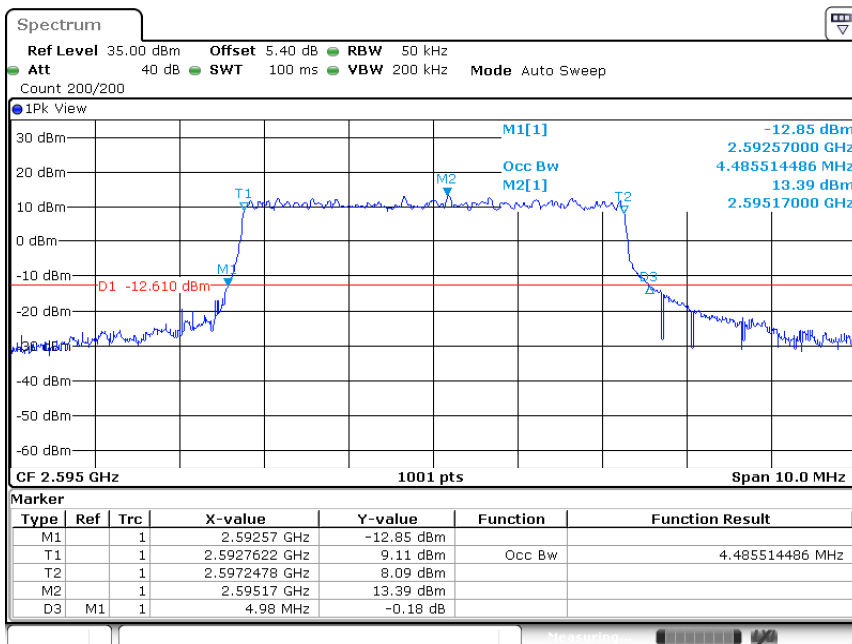
Band38-5MHz-64QAM-37775-25RB#0-4.486



Date: 17.SEP.2020 15:31:22

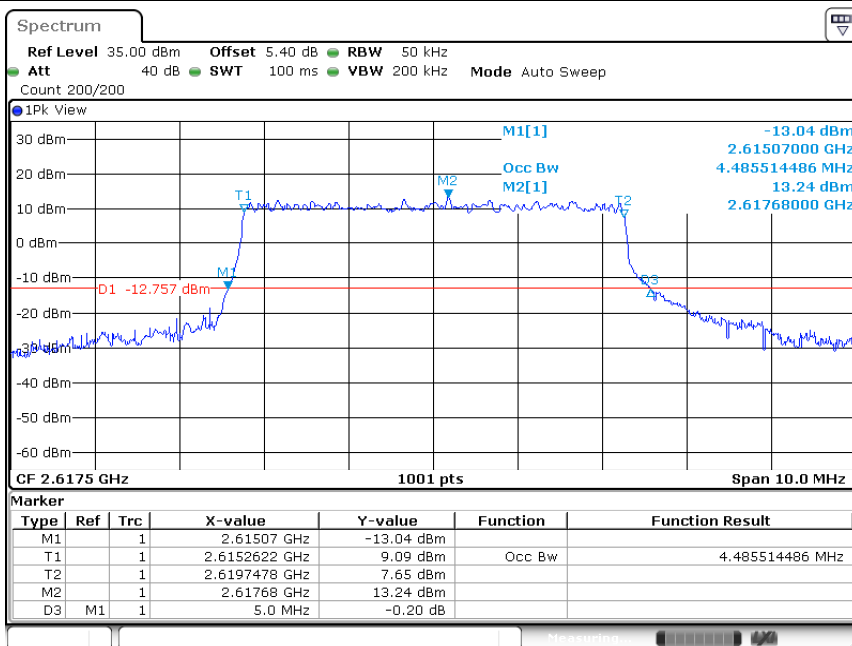


Band38-5MHz-64QAM-38000-25RB#0-4.486



Date: 17.SEP.2020 15:32:01

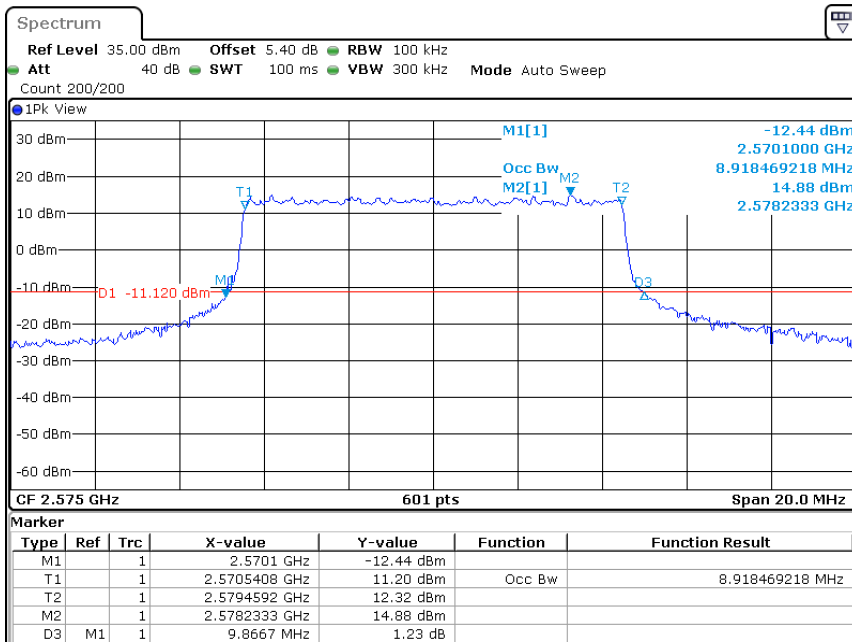
Band38-5MHz-64QAM-38225-25RB#0-4.486



Date: 17.SEP.2020 15:32:43

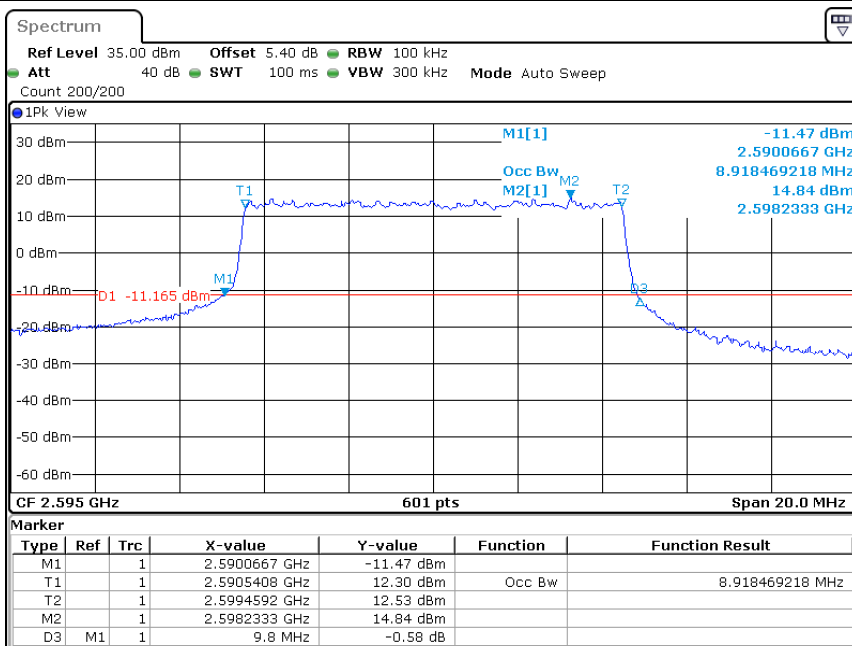


Band38-10MHz-QPSK-37800-50RB#0-8.918



Date: 15.SEP.2020 14:13:38

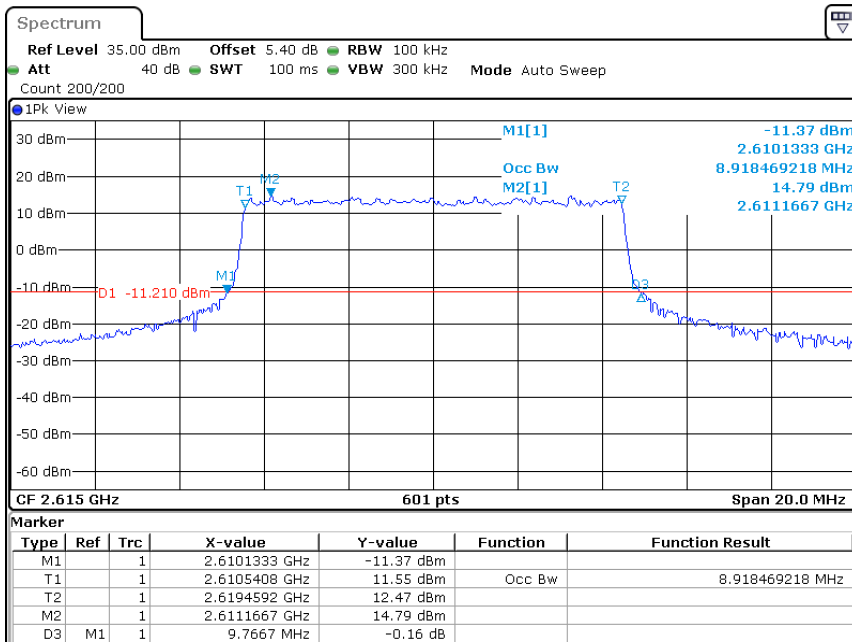
Band38-10MHz-QPSK-38000-50RB#0-8.918



Date: 15.SEP.2020 14:15:03

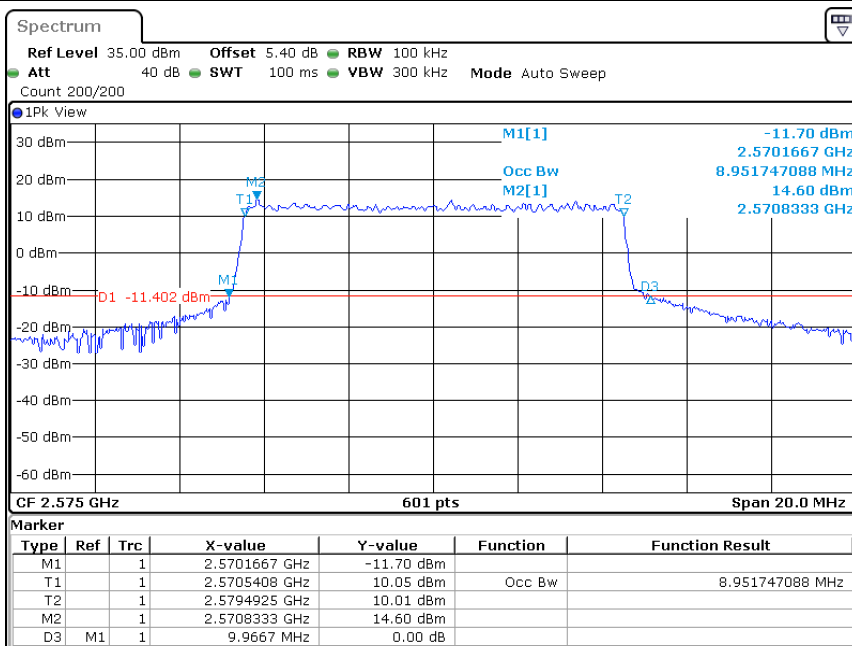


Band38-10MHz-QPSK-38200-50RB#0-8.918



Date: 15.SEP.2020 14:16:31

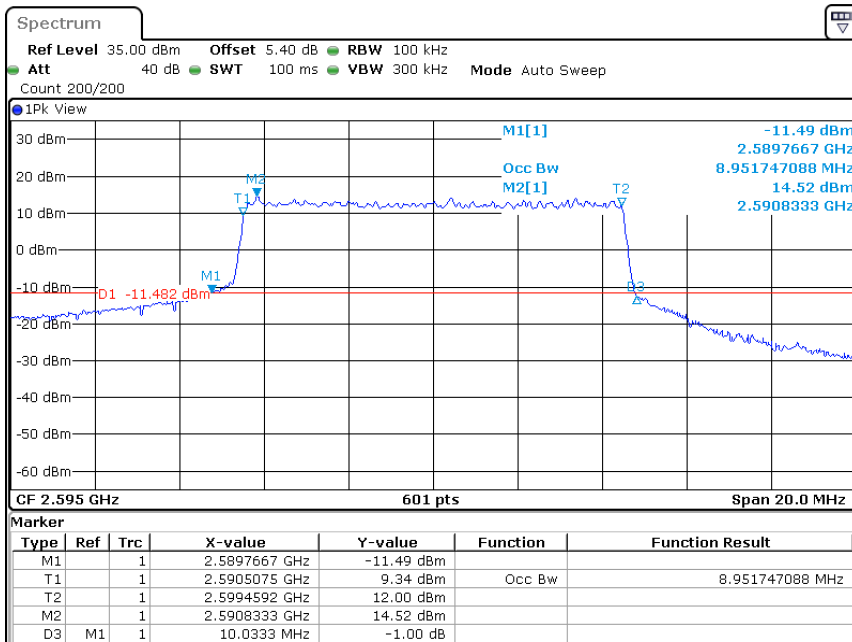
Band38-10MHz-16QAM-37800-50RB#0-8.952



Date: 15.SEP.2020 14:14:13

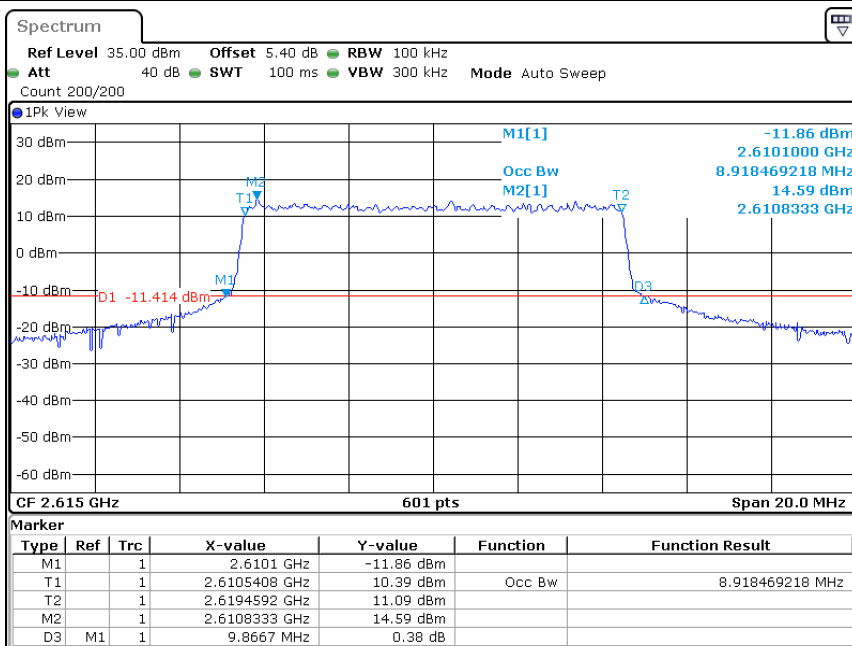


Band38-10MHz-16QAM-38000-50RB#0-8.952



Date: 15.SEP.2020 14:15:52

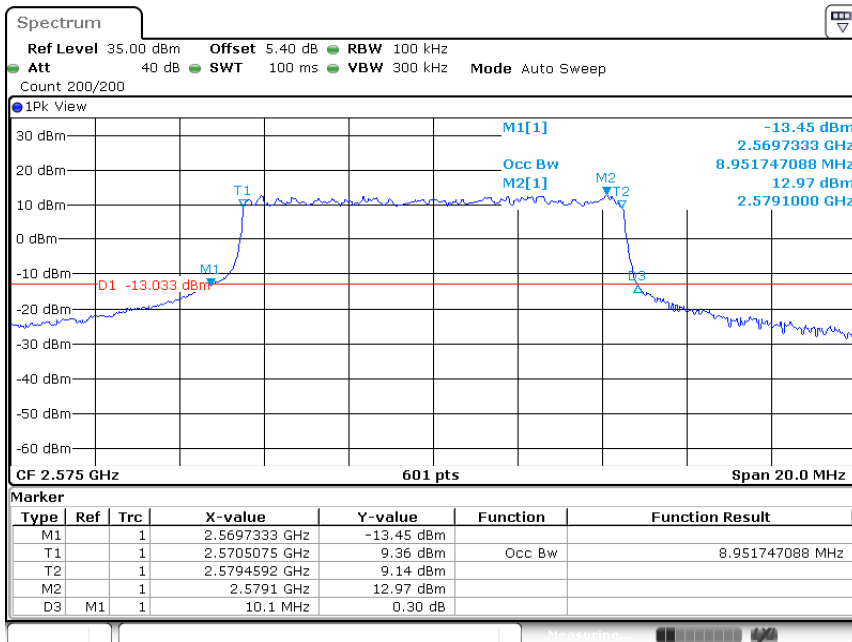
Band38-10MHz-16QAM-38200-50RB#0-8.918



Date: 15.SEP.2020 14:17:21

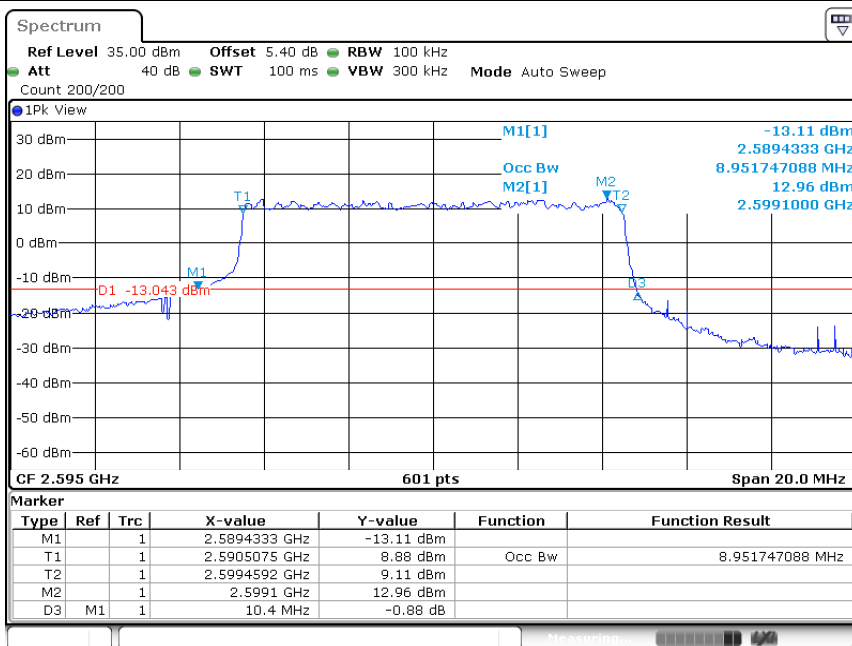


Band38-10MHz-64QAM-37800-50RB#0-8.952



Date: 17.SEP.2020 15:33:26

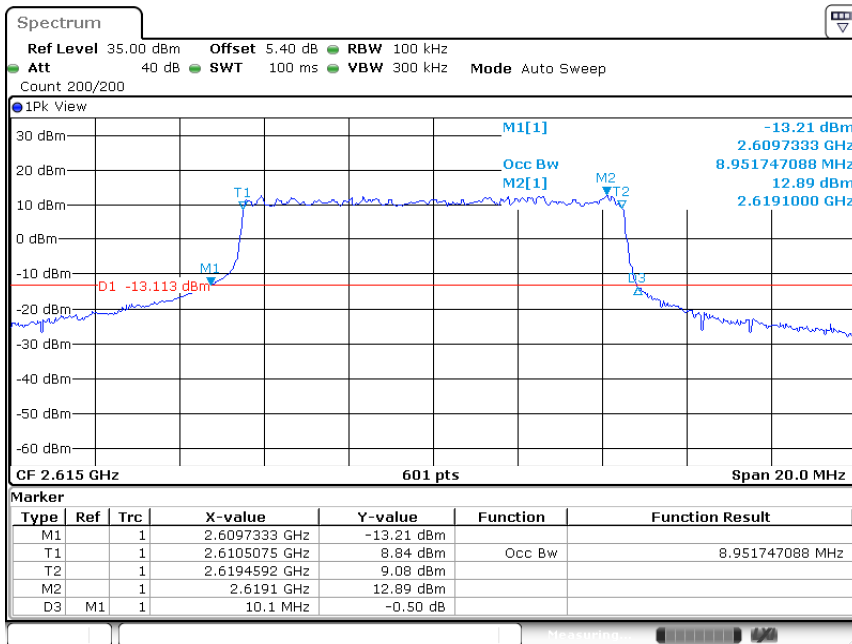
Band38-10MHz-64QAM-38000-50RB#0-8.952



Date: 17.SEP.2020 15:34:02

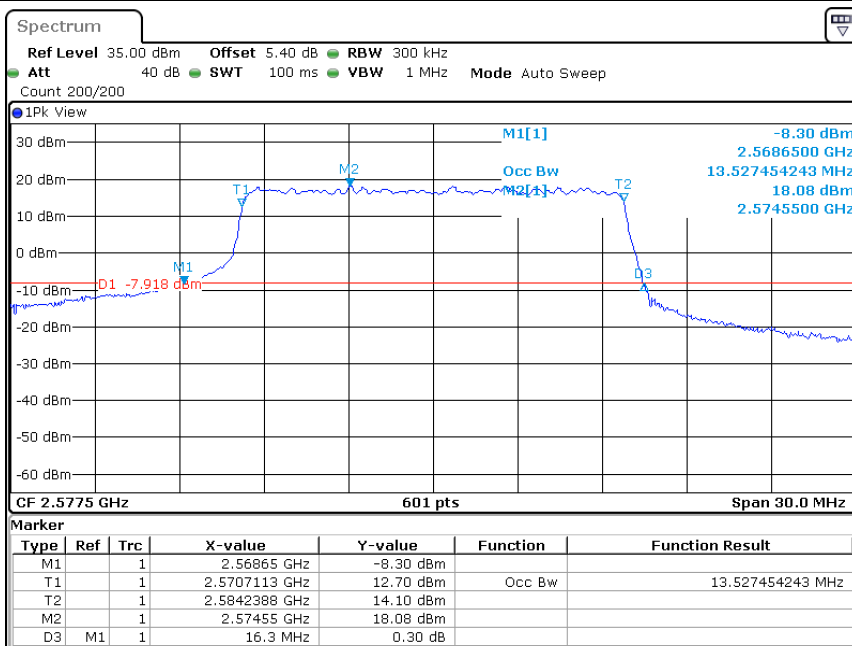


Band38-10MHz-64QAM-38200-50RB#0-8.952



Date: 17.SEP.2020 15:34:38

Band38-15MHz-QPSK-37825-75RB#0-13.527



Date: 15.SEP.2020 14:18:10

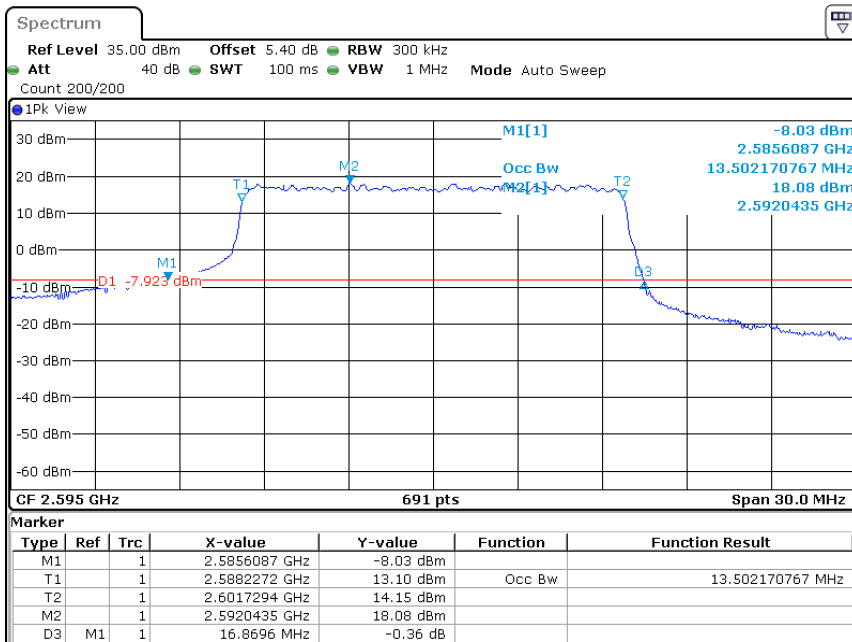


Unless otherwise agreed in writing this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

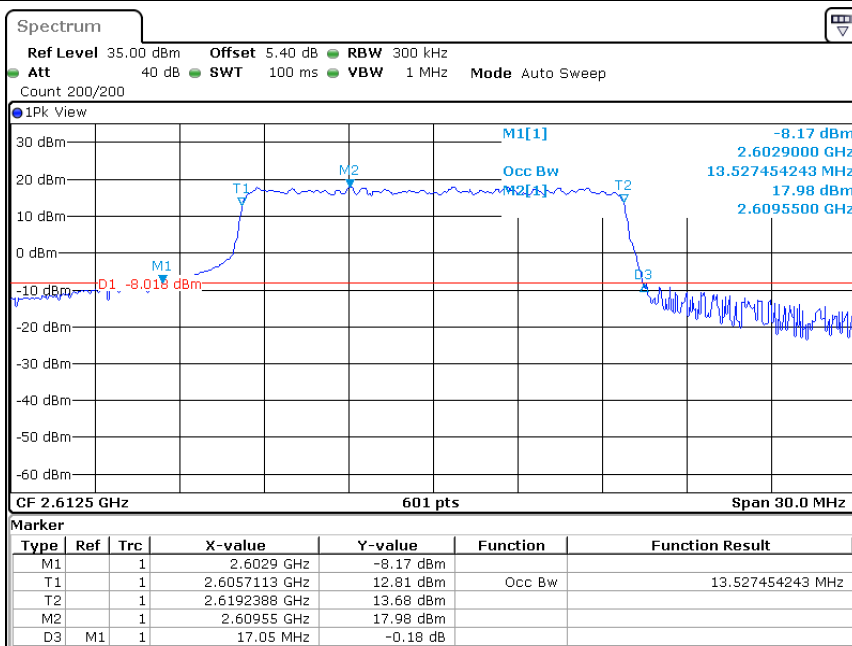
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-15MHz-QPSK-38000-75RB#0-13.502



Date: 15.SEP.2020 14:20:52

Band38-15MHz-QPSK-38175-75RB#0-13.527



Date: 15.SEP.2020 14:22:36



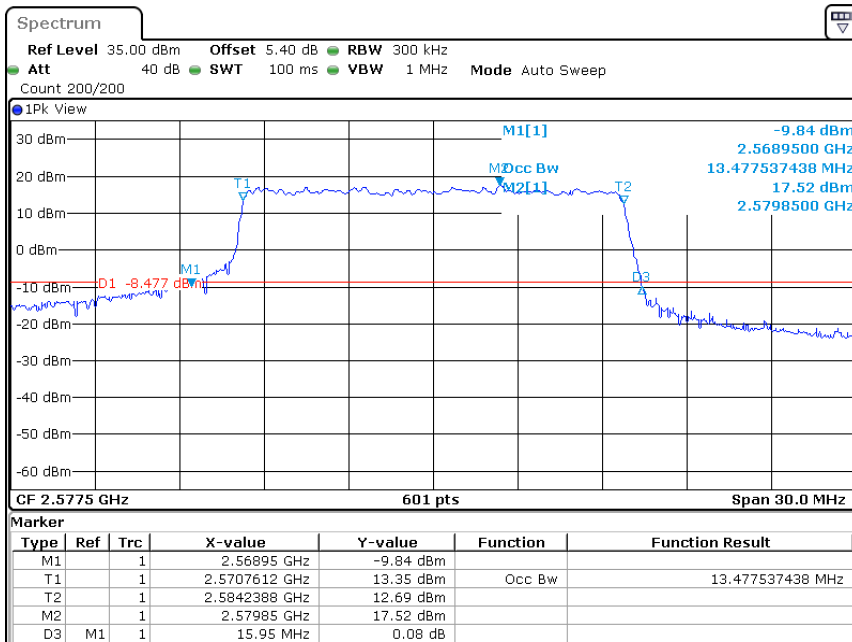
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

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 deemed to have read, understood and accepted the Terms and Conditions of the document and to have agreed to be bound by the 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 signature, is strictly prohibited. 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

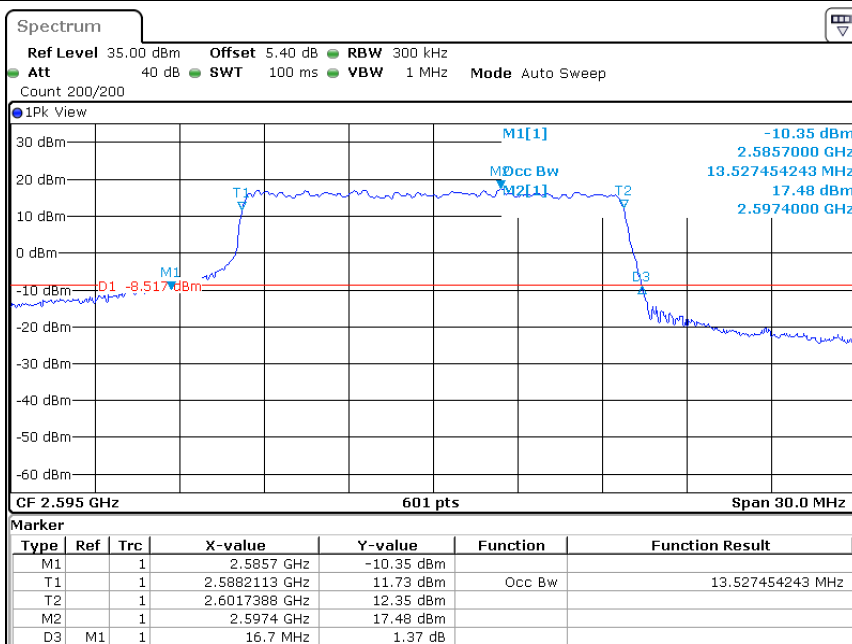
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-15MHz-16QAM-37825-75RB#0-13.478



Date: 15.SEP.2020 14:18:47

Band38-15MHz-16QAM-38000-75RB#0-13.527



Date: 15.SEP.2020 14:21:31

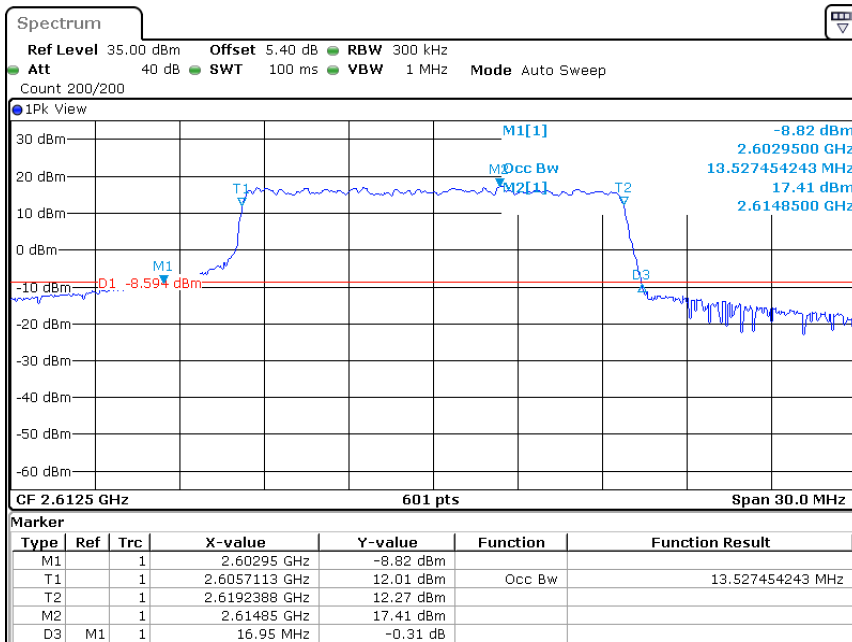


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 deemed to have accepted the Terms and Conditions of the Company and to have authorized the Company to rely fully on the content of the 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 or used in full without the prior approval of the Company. Any unauthorized use or reproduction may fall under the copyright law. The 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.

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

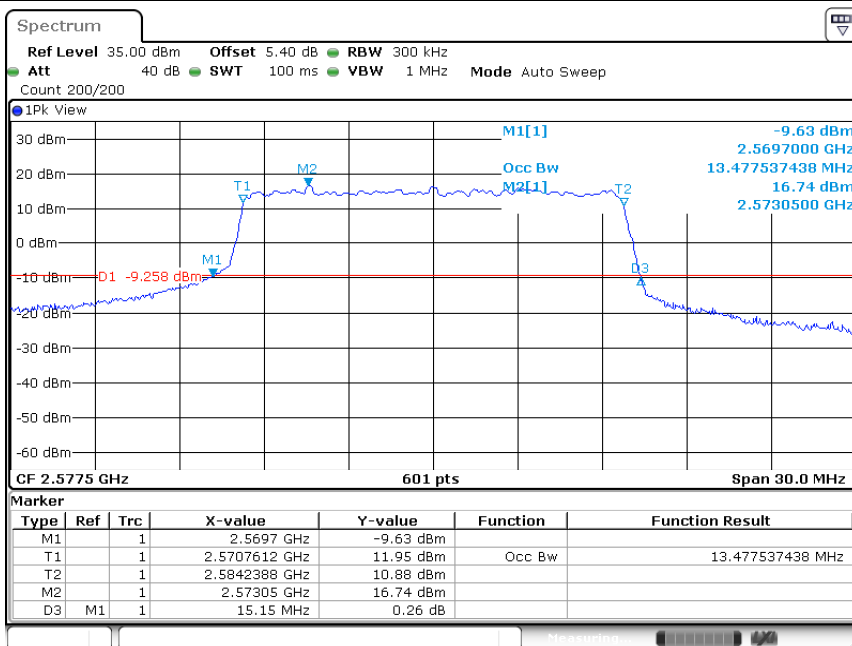
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgsc.china@sgs.com

Band38-15MHz-16QAM-38175-75RB#0-13.527



Date: 15.SEP.2020 14:23:22

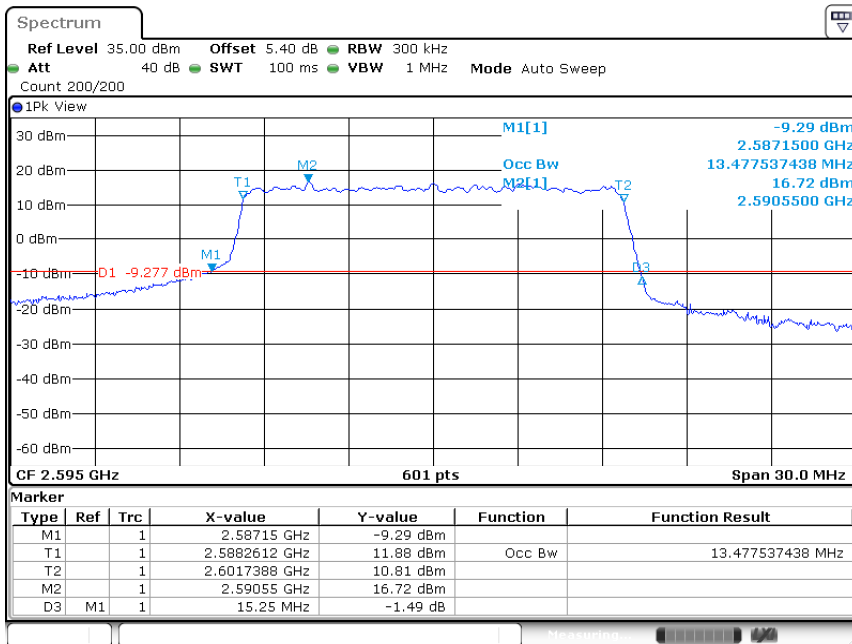
Band38-15MHz-64QAM-37825-75RB#0-13.478



Date: 17.SEP.2020 15:35:21

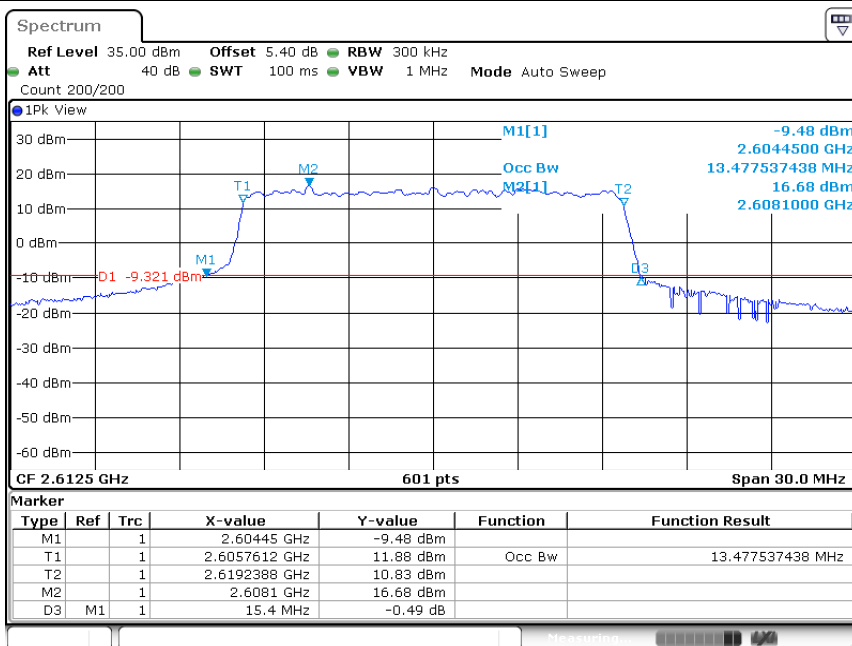


Band38-15MHz-64QAM-38000-75RB#0-13.478



Date: 17.SEP.2020 15:35:57

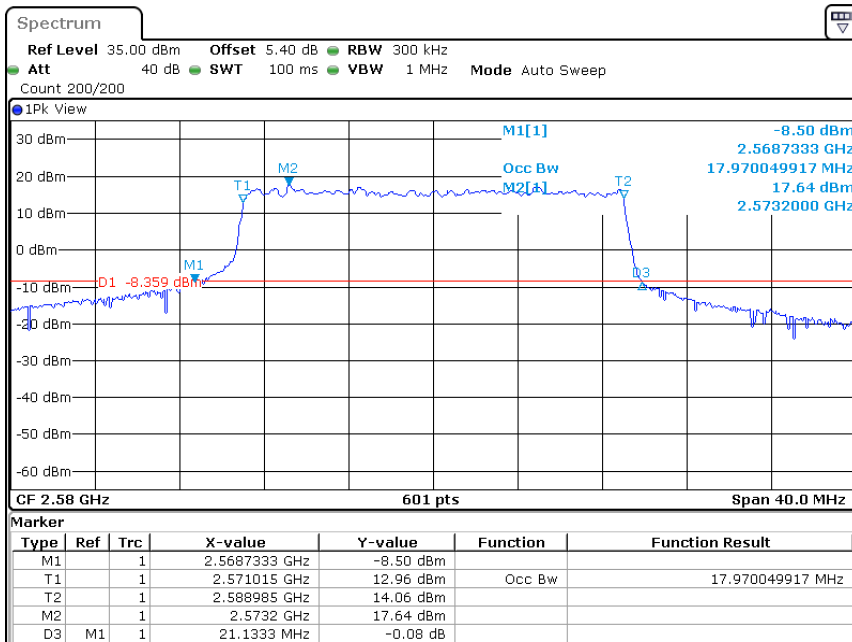
Band38-15MHz-64QAM-38175-75RB#0-13.478



Date: 17.SEP.2020 15:37:04

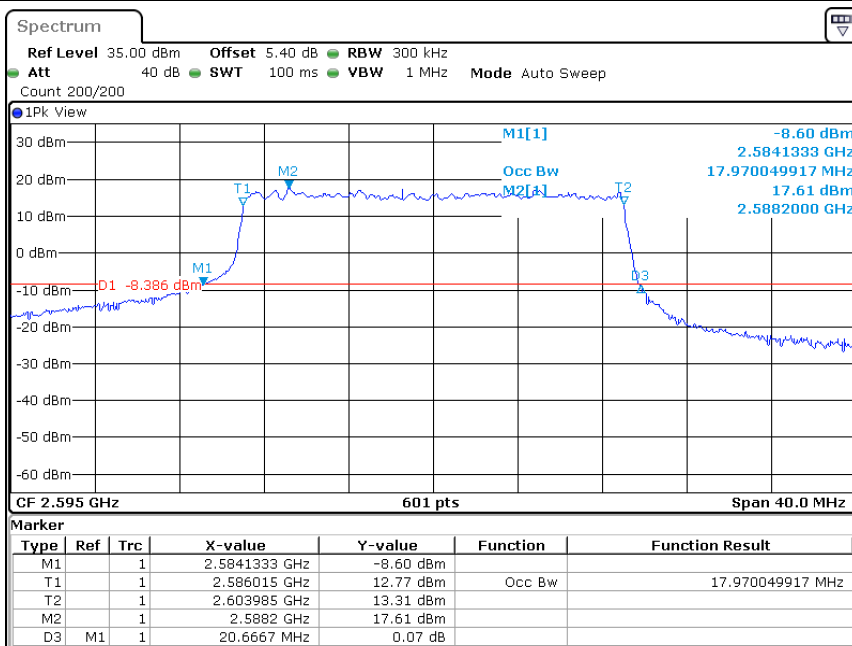


Band38-20MHz-QPSK-37850-100RB#0-17.97



Date: 15.SEP.2020 14:24:39

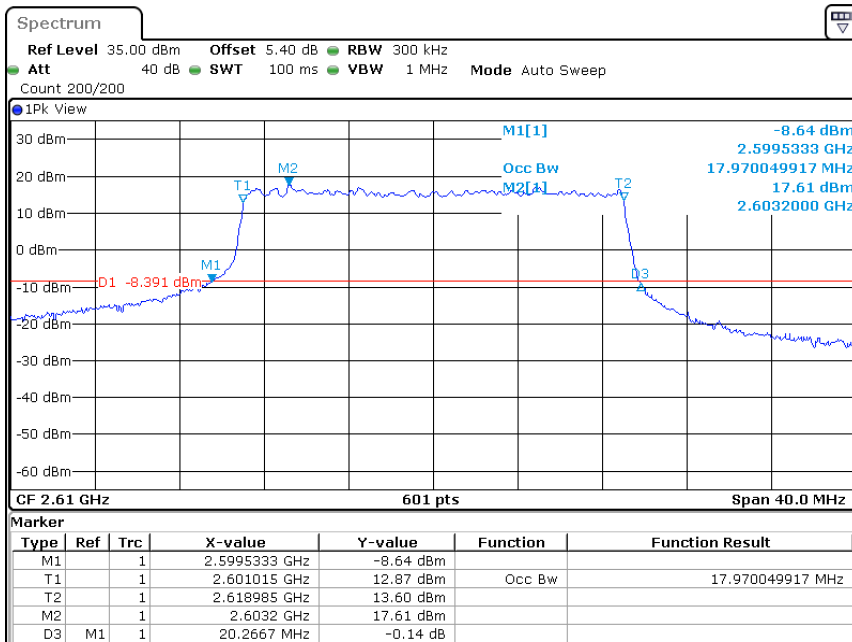
Band38-20MHz-QPSK-38000-100RB#0-17.97



Date: 15.SEP.2020 14:26:21

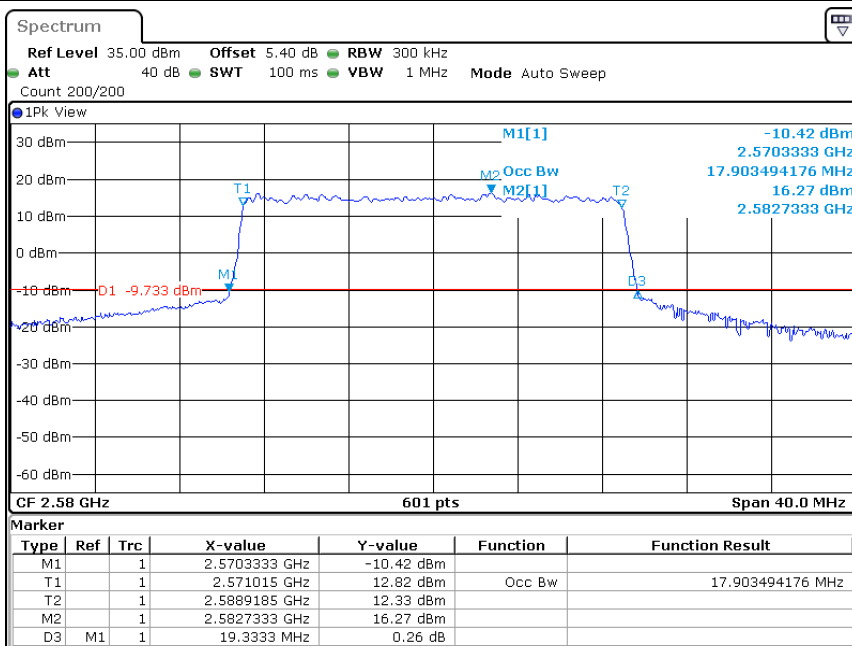


Band38-20MHz-QPSK-38150-100RB#0-17.97



Date: 15.SEP.2020 14:27:42

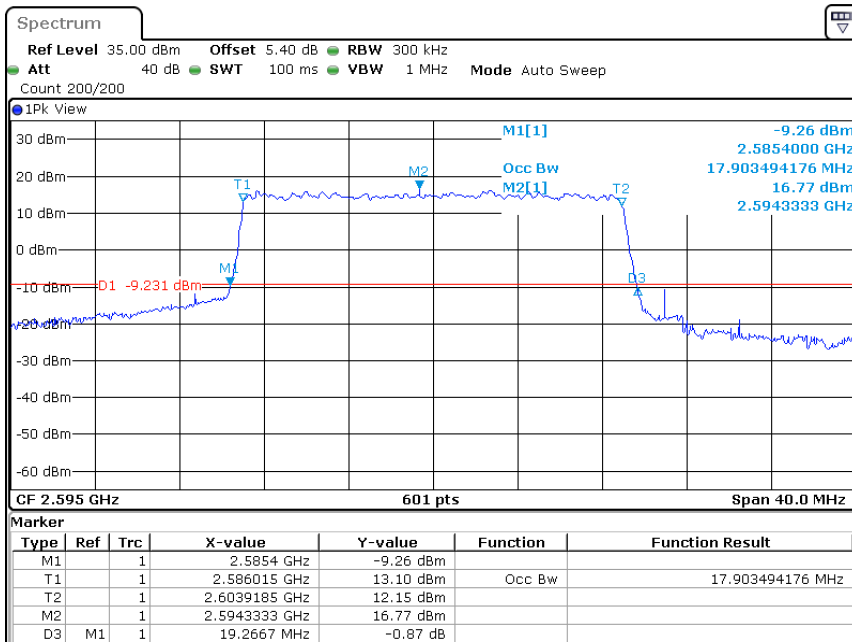
Band38-20MHz-16QAM-37850-100RB#0-17.903



Date: 15.SEP.2020 14:25:45

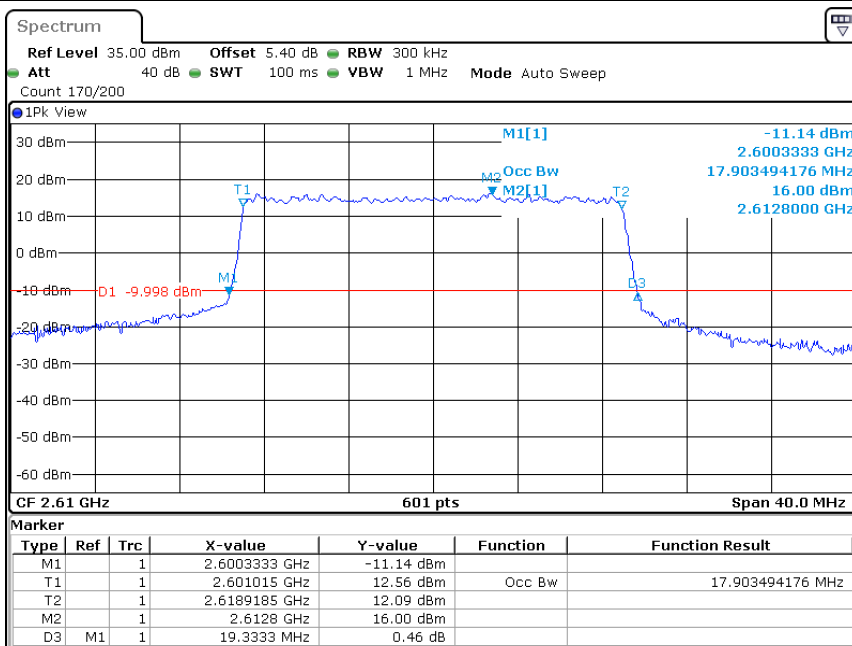


Band38-20MHz-16QAM-38000-100RB#0-17.903



Date: 15.SEP.2020 14:27:05

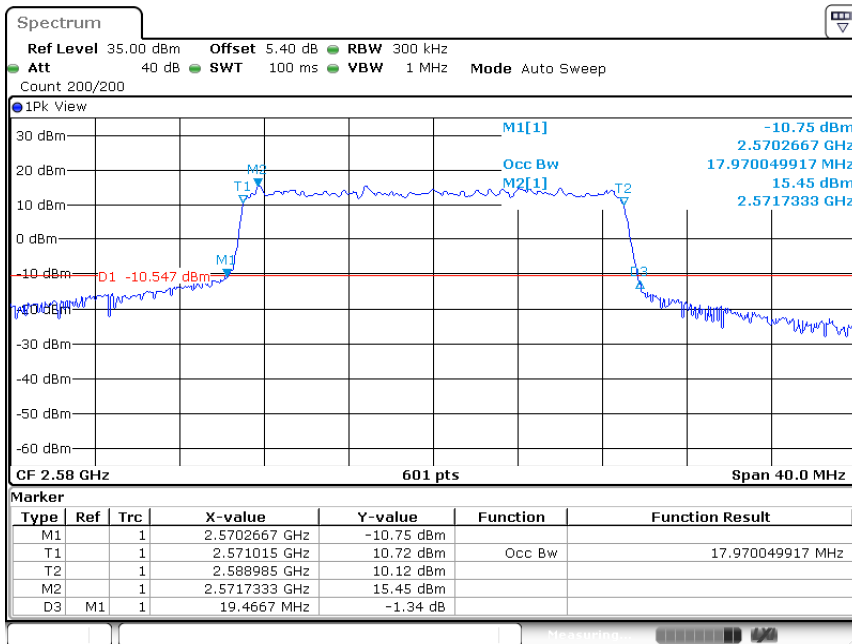
Band38-20MHz-16QAM-38150-100RB#0-17.903



Date: 15.SEP.2020 14:28:24

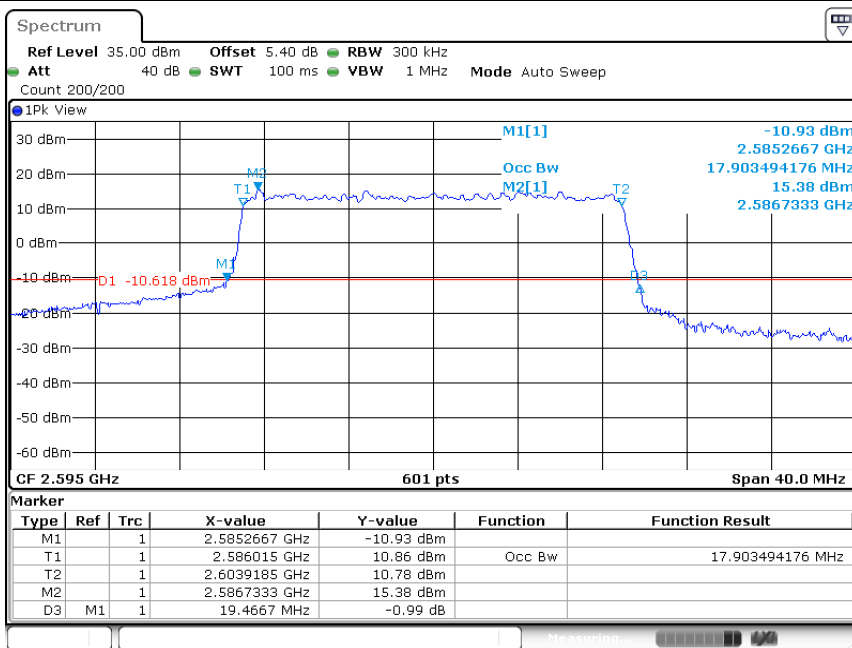


Band38-20MHz-64QAM-37850-100RB#0-17.97



Date: 17.SEP.2020 15:37:47

Band38-20MHz-64QAM-38000-100RB#0-17.903



Date: 17.SEP.2020 15:38:23



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

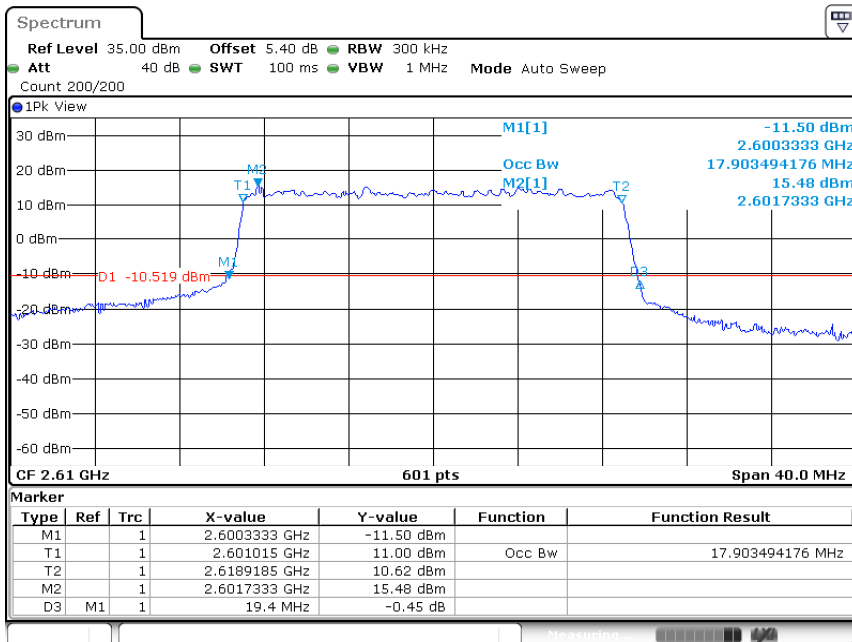
Unless otherwise agreed in writing this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 deemed to have accepted the Terms and Conditions of the document and the 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 expiration date of this document is strictly prohibited. If the holder of this document is not the Client, it is advised to check 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	5180507	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

Member of the SGS Group (SGS SA)

Band38-20MHz-64QAM-38150-100RB#0-17.903

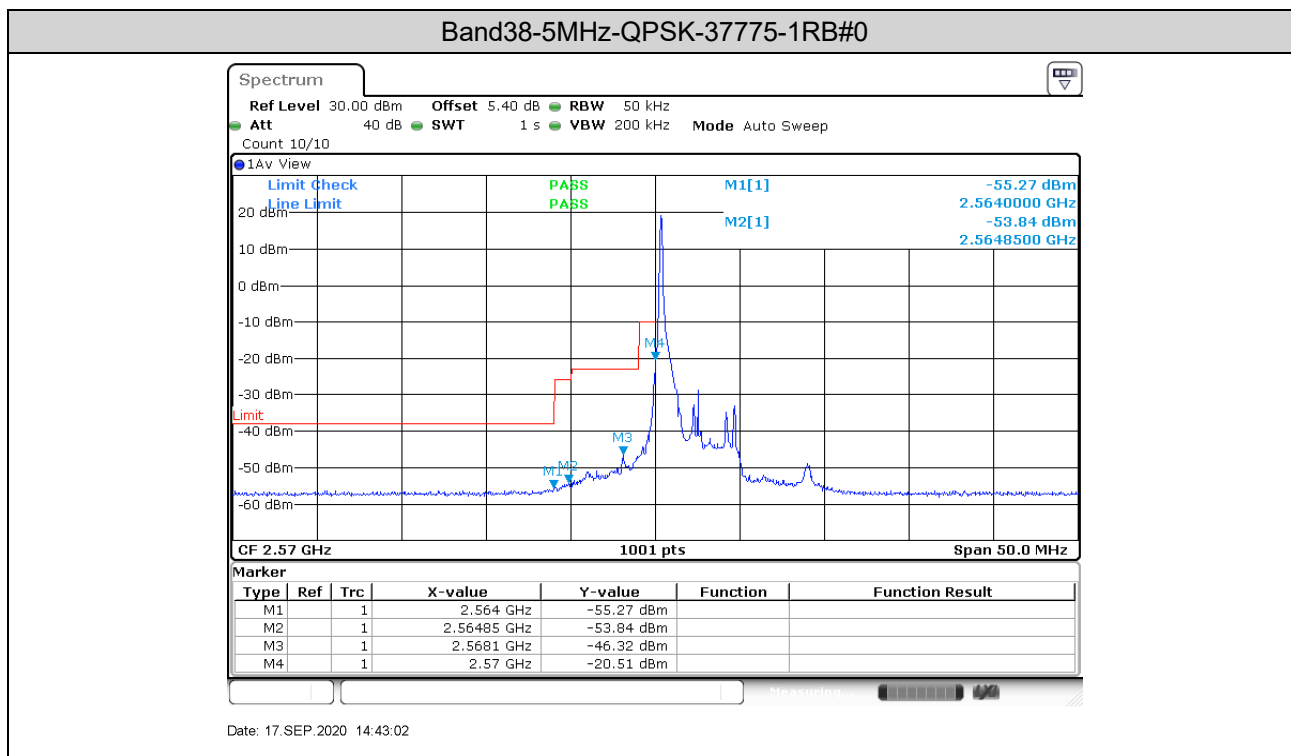


Date: 17.SEP.2020 15:38:59

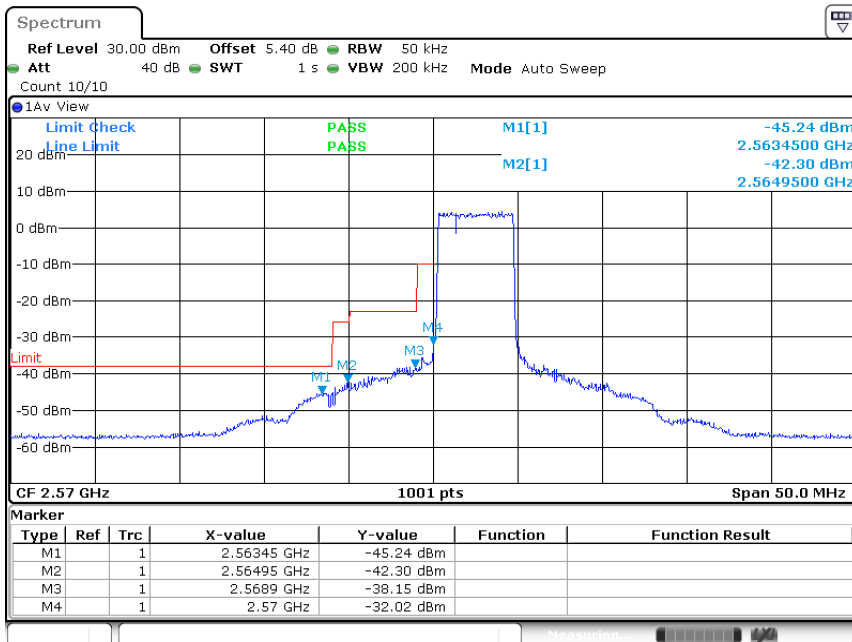


5 Band Edge Compliance

5.1 Test Plots

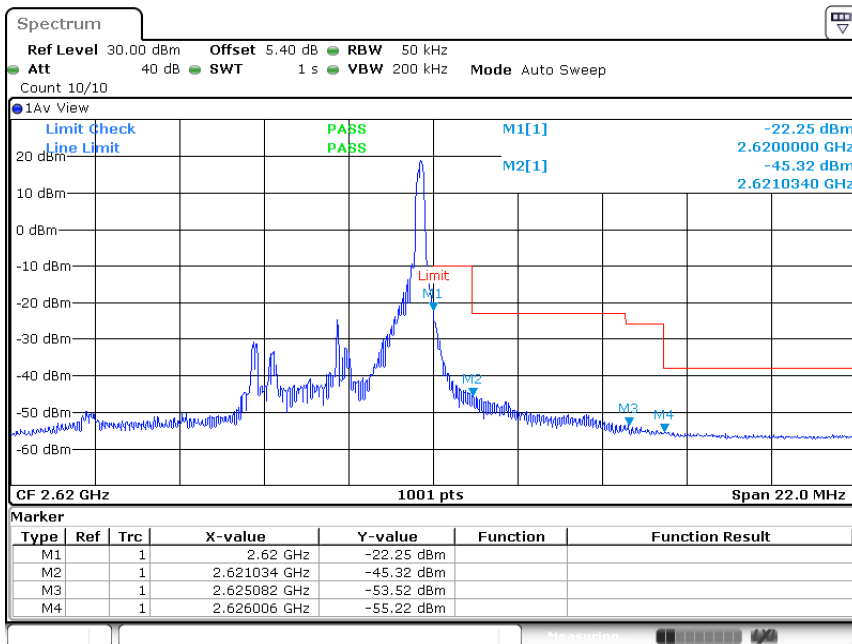


Band38-5MHz-QPSK-37775-25RB#0



Date: 17.SEP.2020 14:43:54

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



Date: 17.SEP.2020 14:52:29

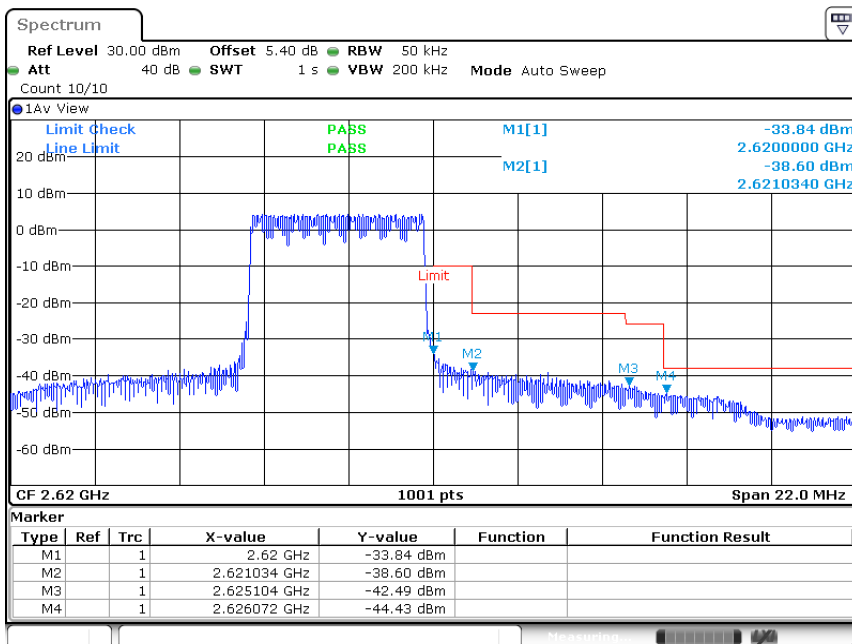


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

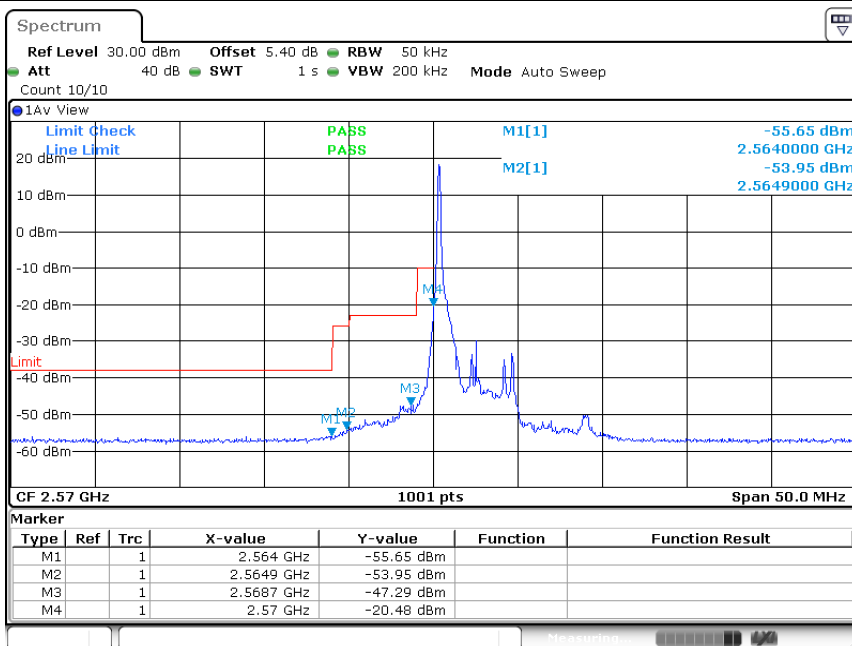
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 17.SEP.2020 14:57:29

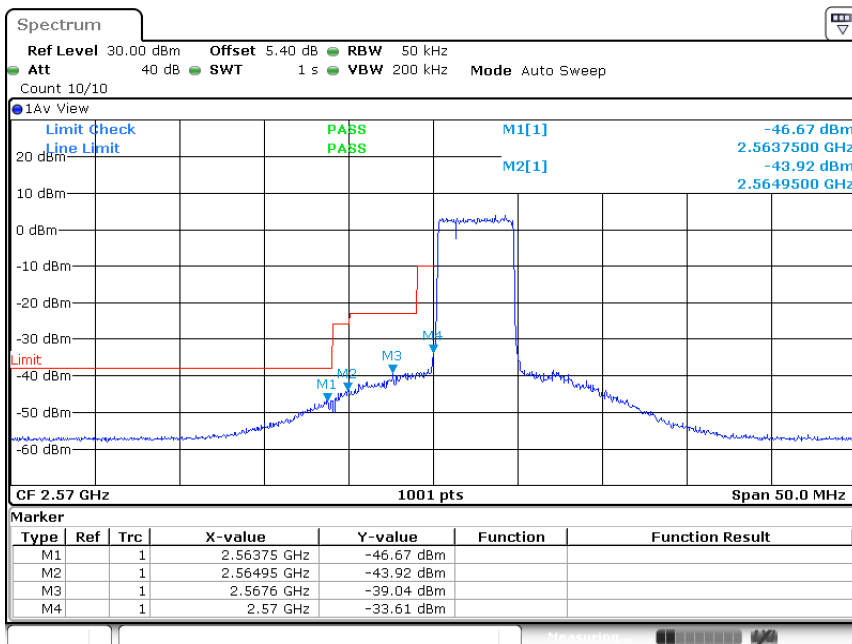
Band38-5MHz-16QAM-37775-1RB#0



Date: 17.SEP.2020 14:43:28

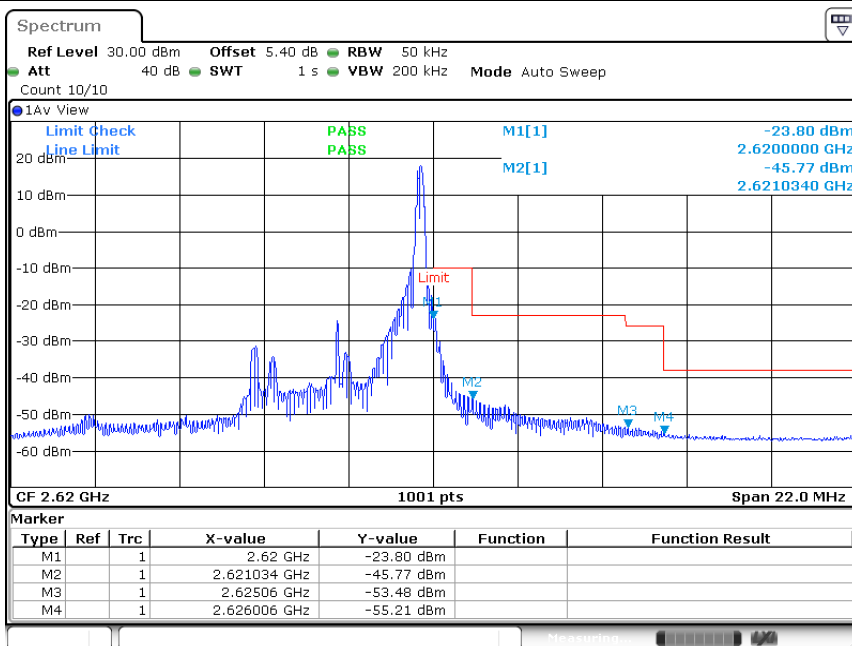


Band38-5MHz-16QAM-37775-25RB#0



Date: 17.SEP.2020 14:44:19

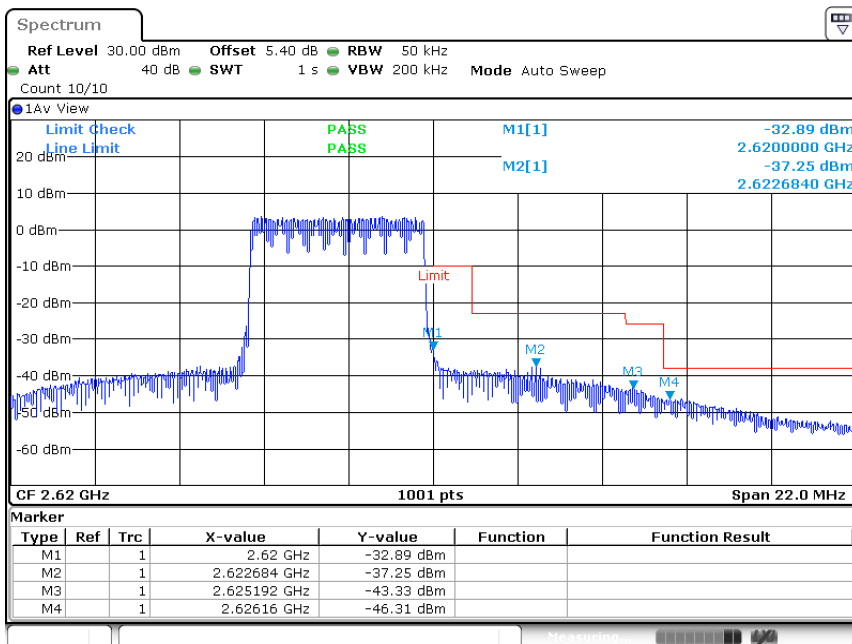
Band38-5MHz-16QAM-38225-1RB#24



Date: 17.SEP.2020 14:54:48

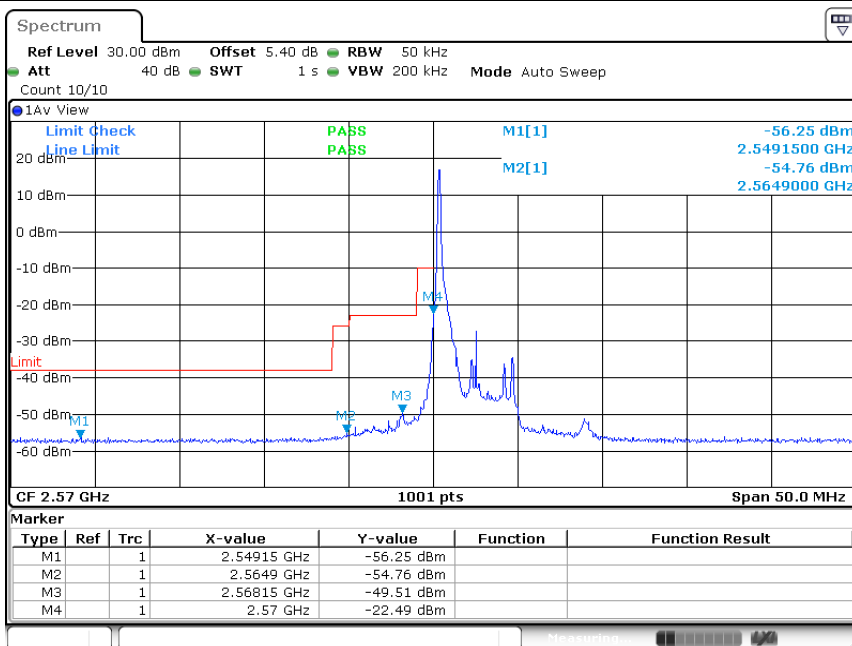


Band38-5MHz-16QAM-38225-25RB#0



Date: 17.SEP.2020 14:59:30

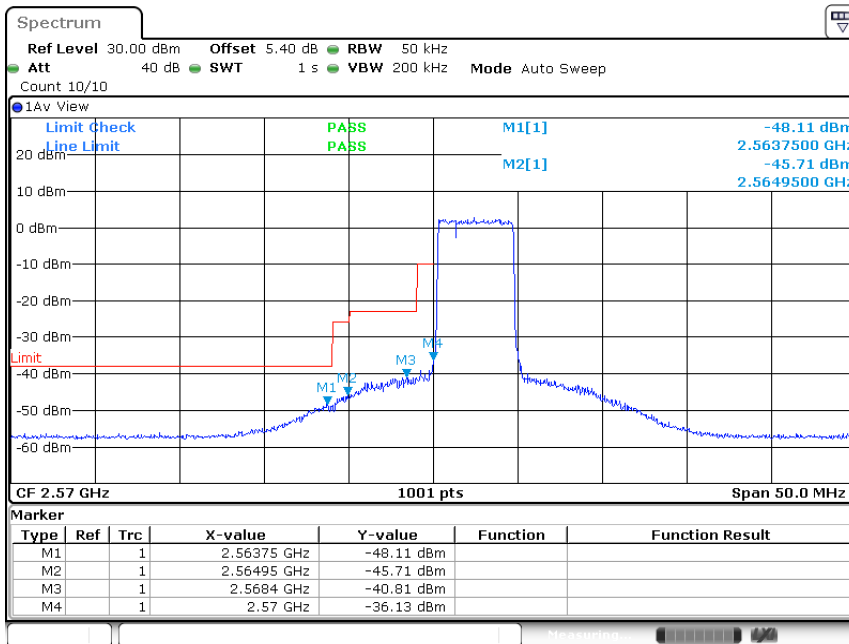
Band38-5MHz-64QAM-37775-1RB#0



Date: 17.SEP.2020 15:39:35

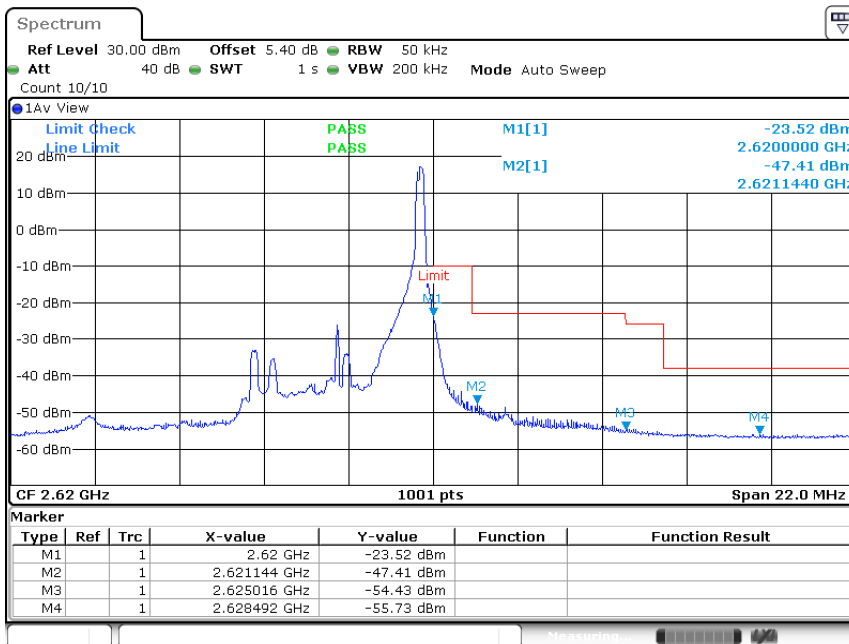


Band38-5MHz-64QAM-37775-25RB#0



Date: 17.SEP.2020 15:40:01

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



Date: 17.SEP.2020 15:44:12

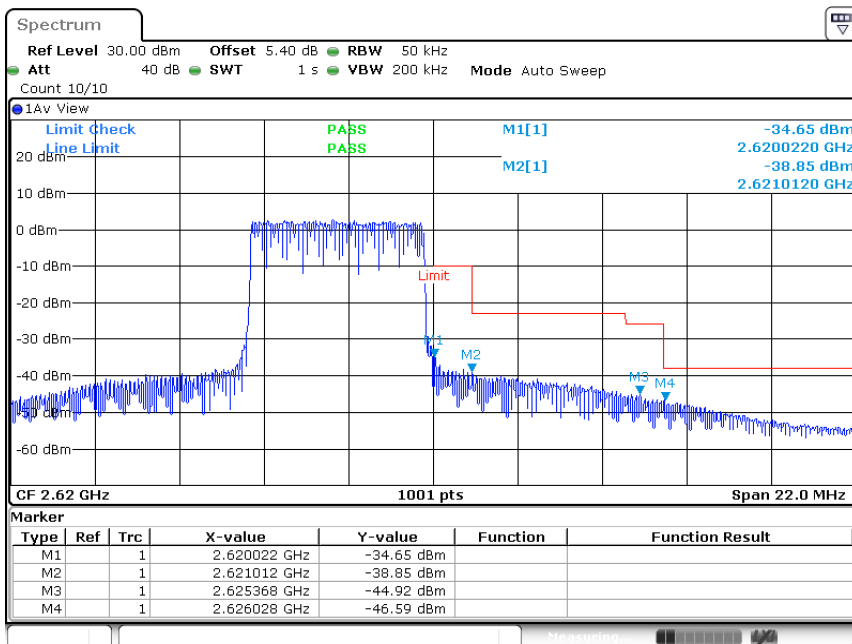


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

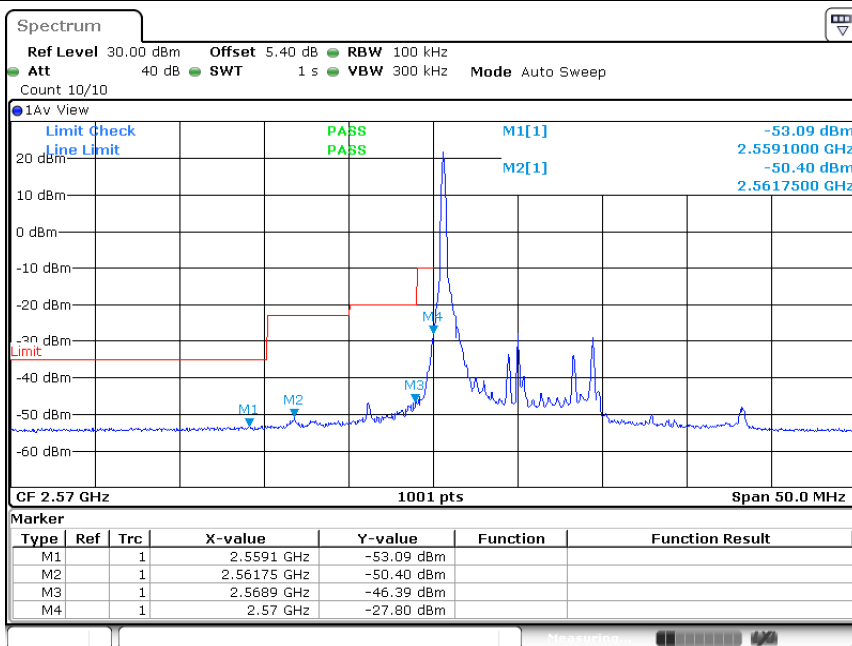
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 17.SEP.2020 15:46:34

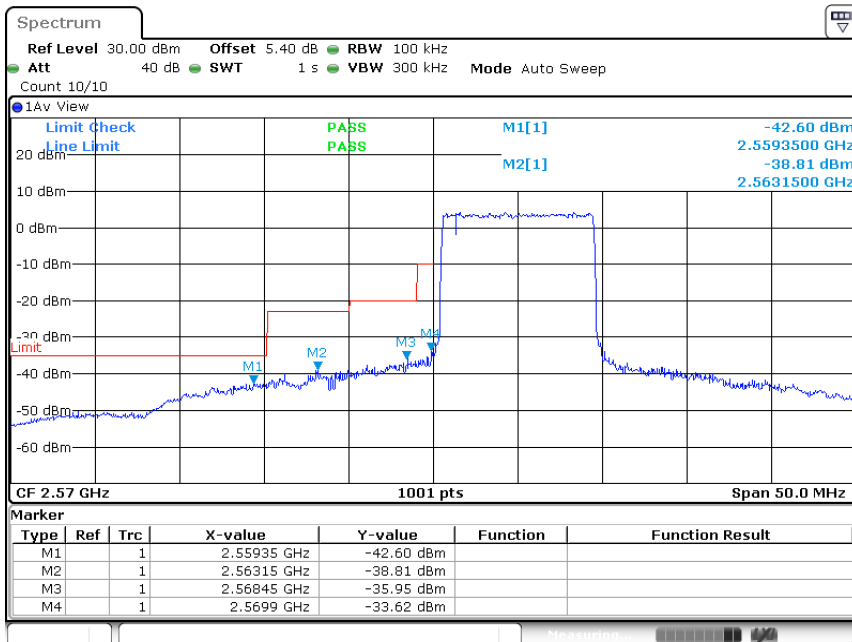
Band38-10MHz-QPSK-37800-1RB#0



Date: 17.SEP.2020 15:00:05

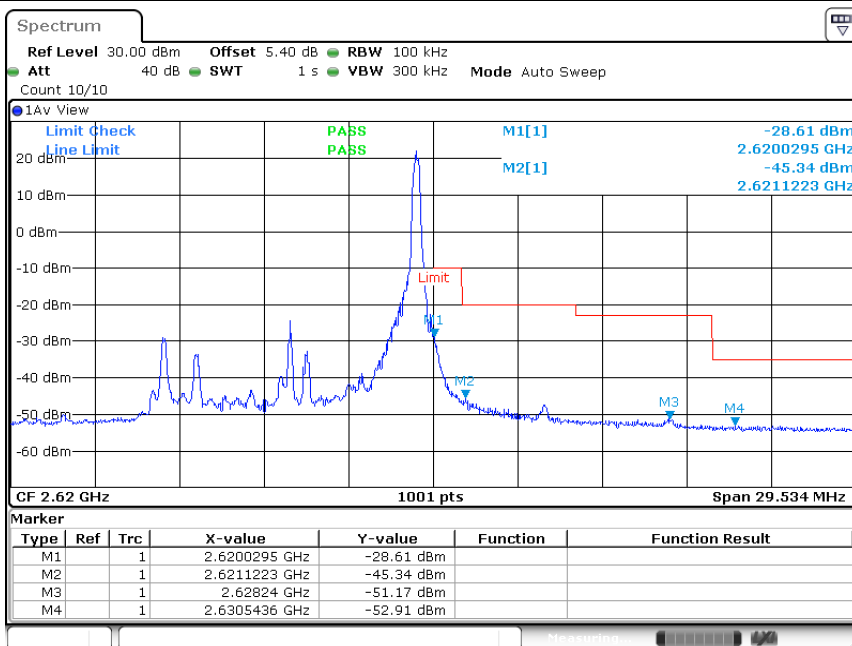


Band38-10MHz-QPSK-37800-50RB#0



Date: 17.SEP.2020 15:00:56

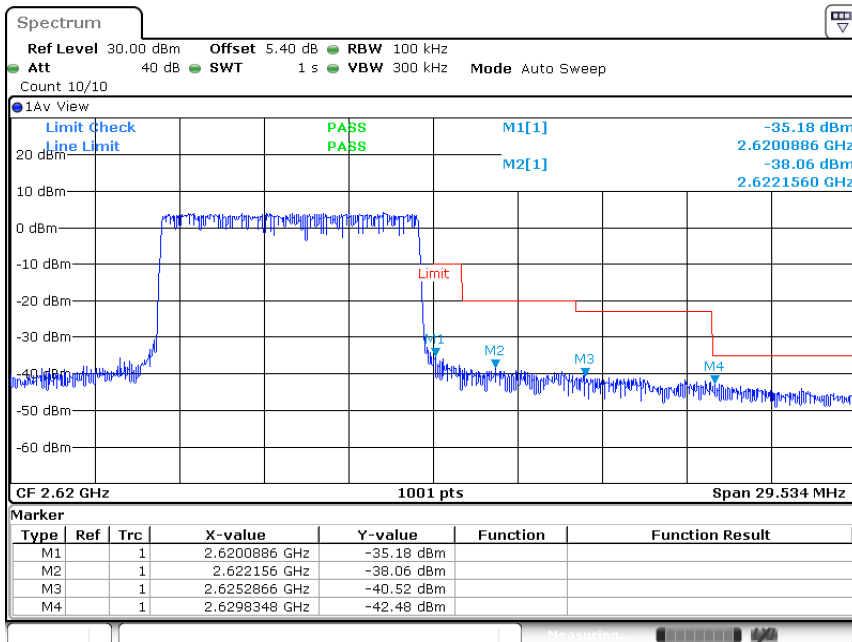
Band38-10MHz-QPSK-38200-1RB#49



Date: 17.SEP.2020 15:01:55

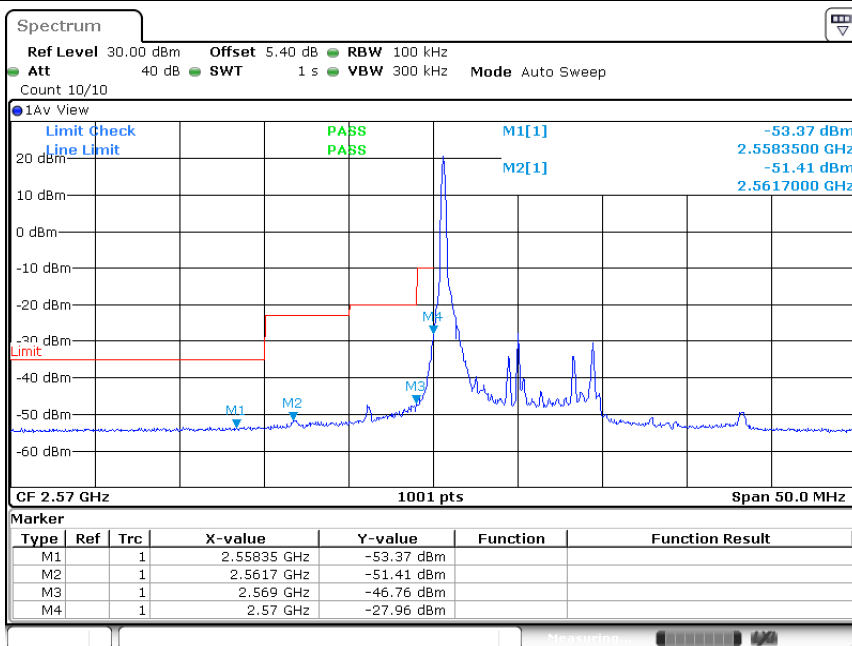


Band38-10MHz-QPSK-38200-50RB#0



Date: 17.SEP.2020 15:02:47

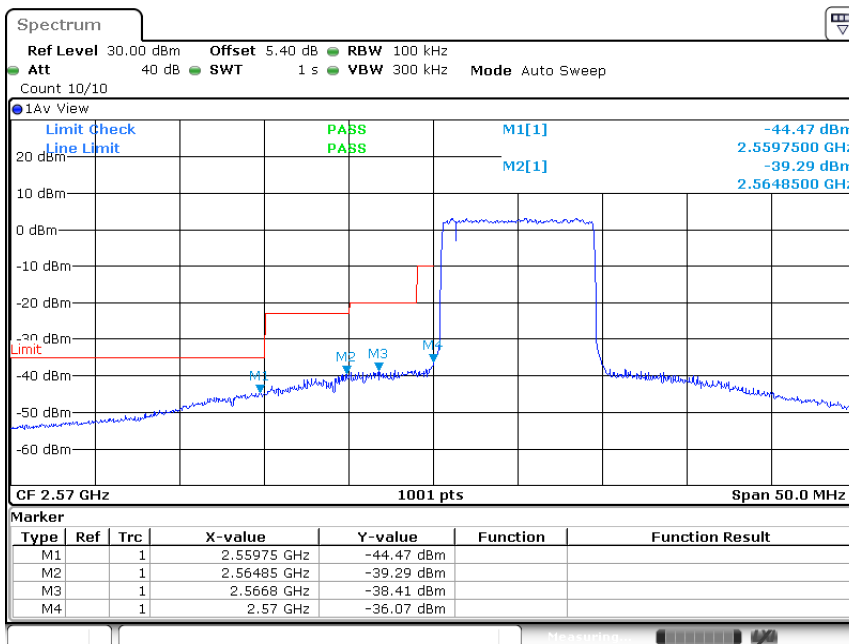
Band38-10MHz-16QAM-37800-1RB#0



Date: 17.SEP.2020 15:00:31

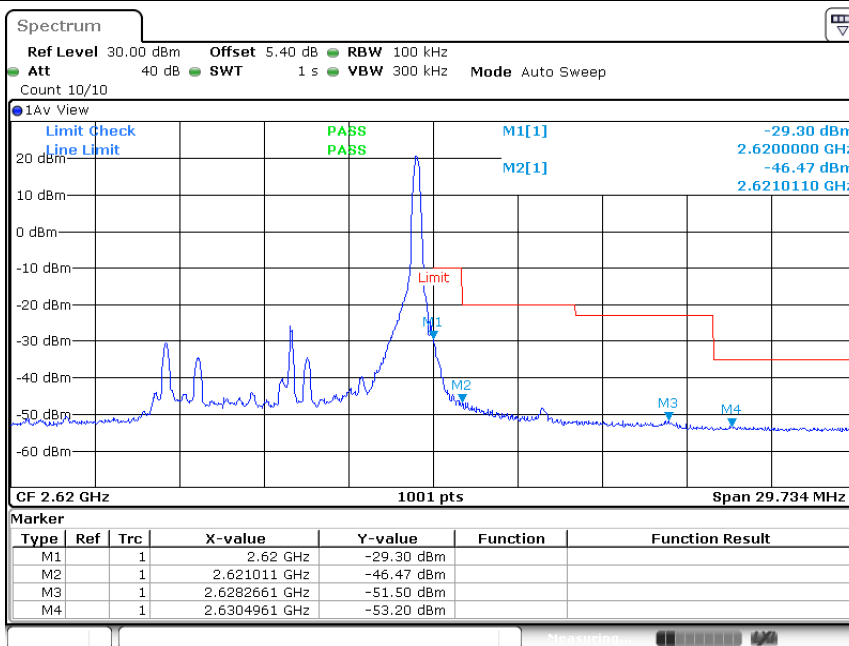


Band38-10MHz-16QAM-37800-50RB#0



Date: 17.SEP.2020 15:01:22

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



Date: 17.SEP.2020 15:02:21

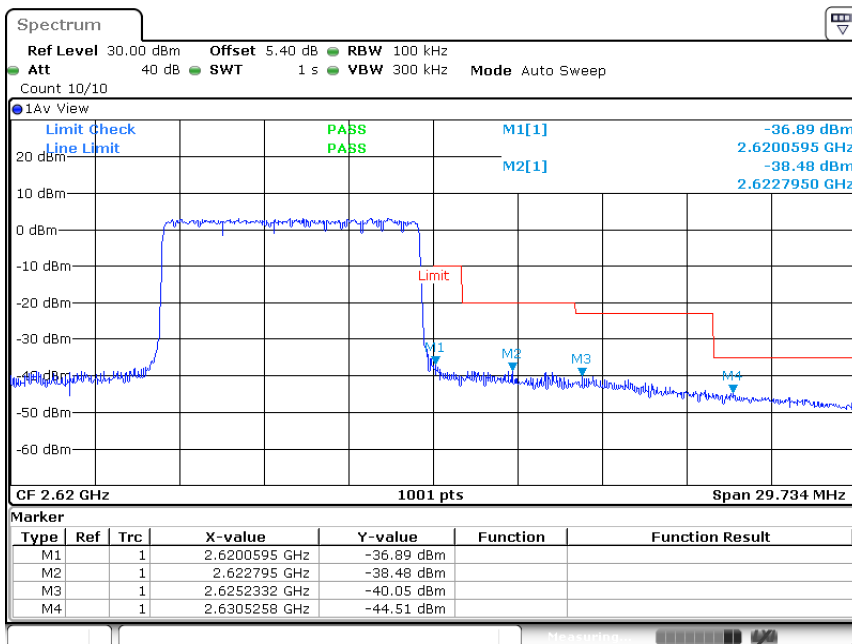


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

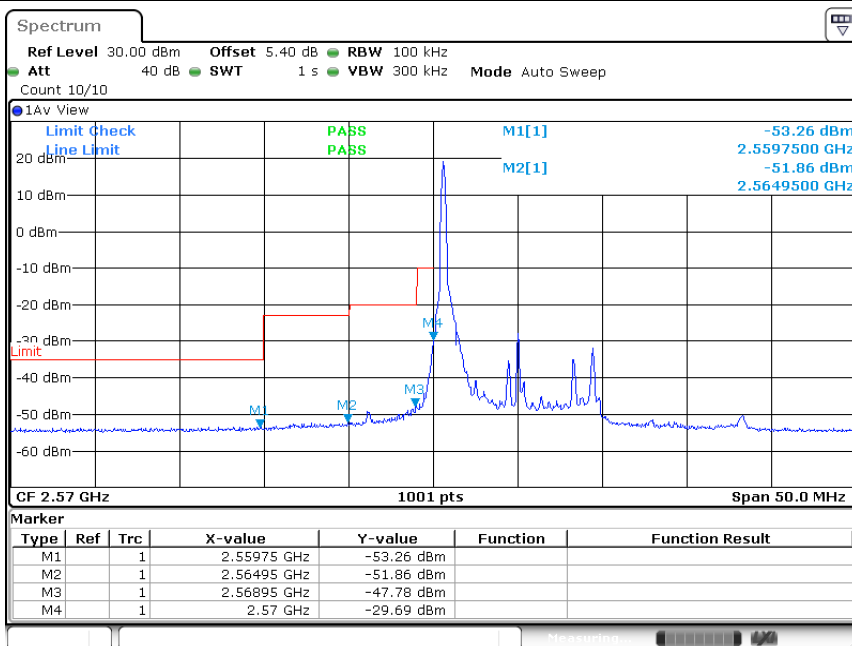
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 17.SEP.2020 15:03:13

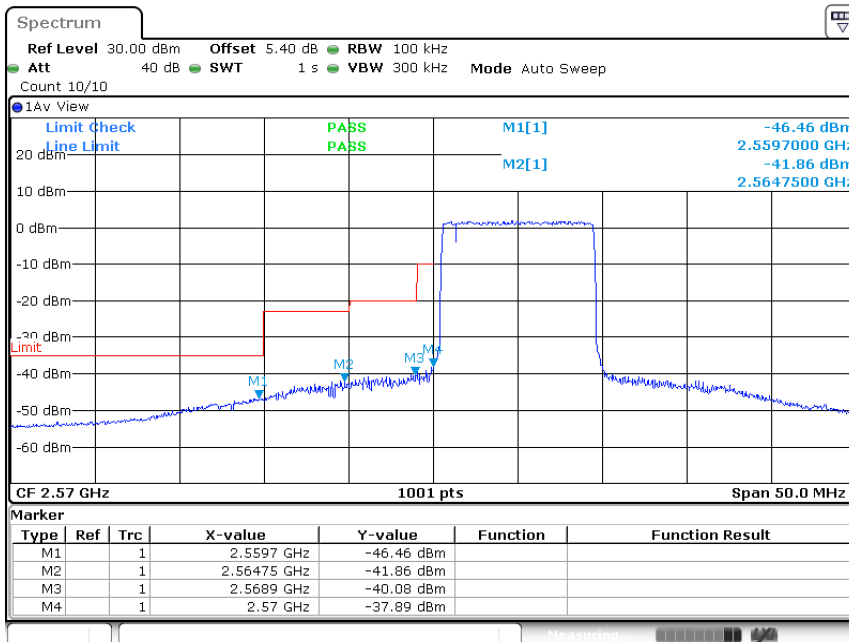
Band38-10MHz-64QAM-37800-1RB#0



Date: 17.SEP.2020 15:47:09

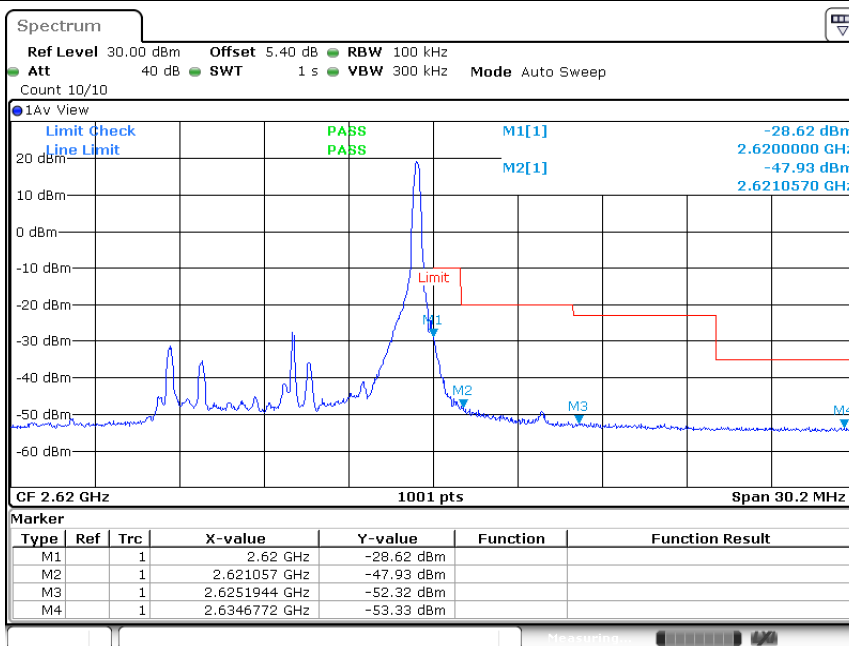


Band38-10MHz-64QAM-37800-50RB#0



Date: 17.SEP.2020 15:47:35

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



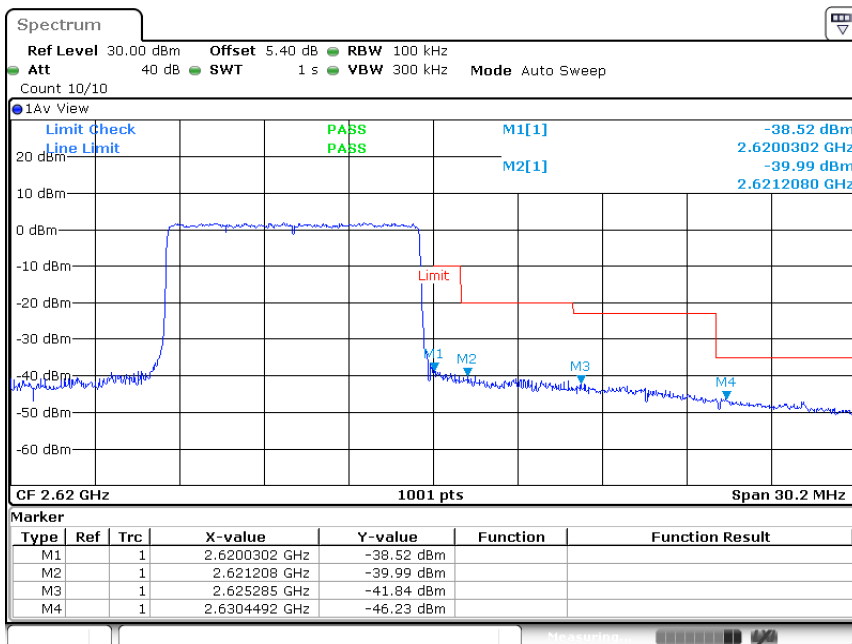
Date: 17.SEP.2020 15:48:09



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.

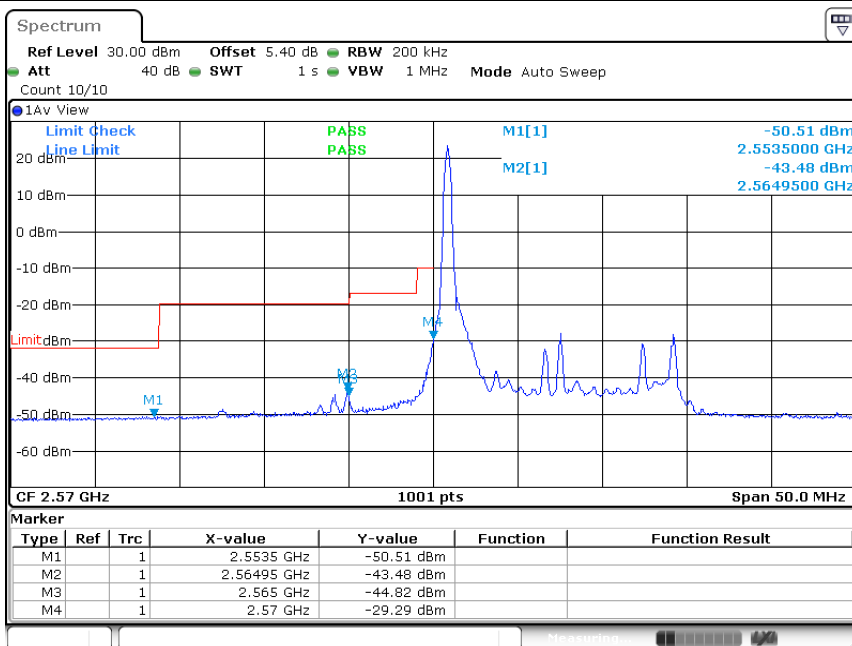
Attention: To check the authenticity of testing / inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
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-38200-50RB#0



Date: 17.SEP.2020 15:48:35

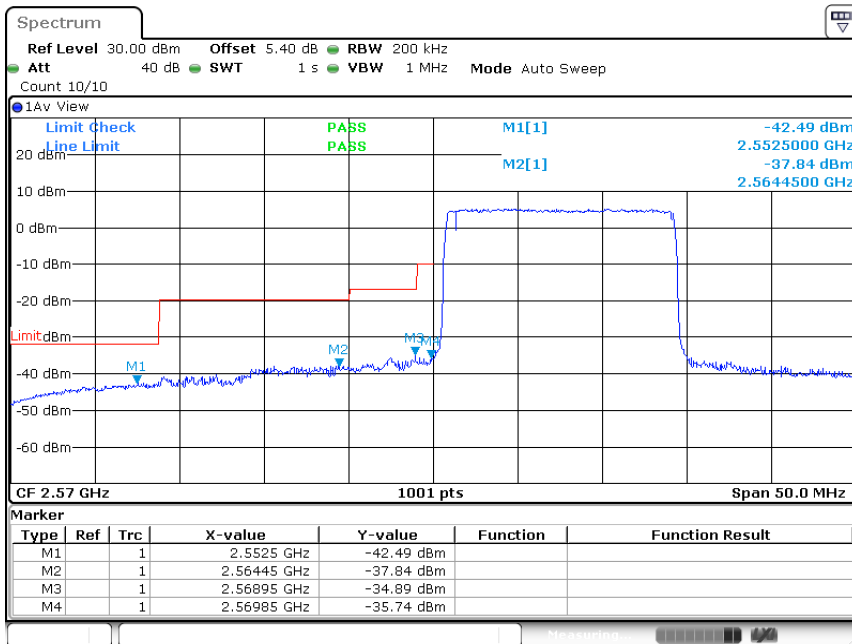
Band38-15MHz-QPSK-37825-1RB#0



Date: 17.SEP.2020 15:03:48

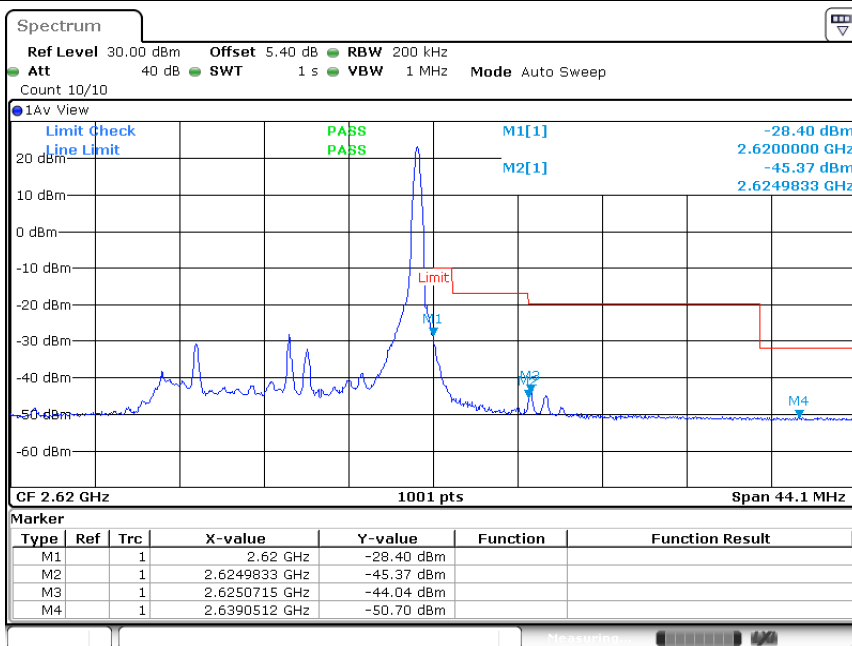


Band38-15MHz-QPSK-37825-75RB#0



Date: 17.SEP.2020 15:04:39

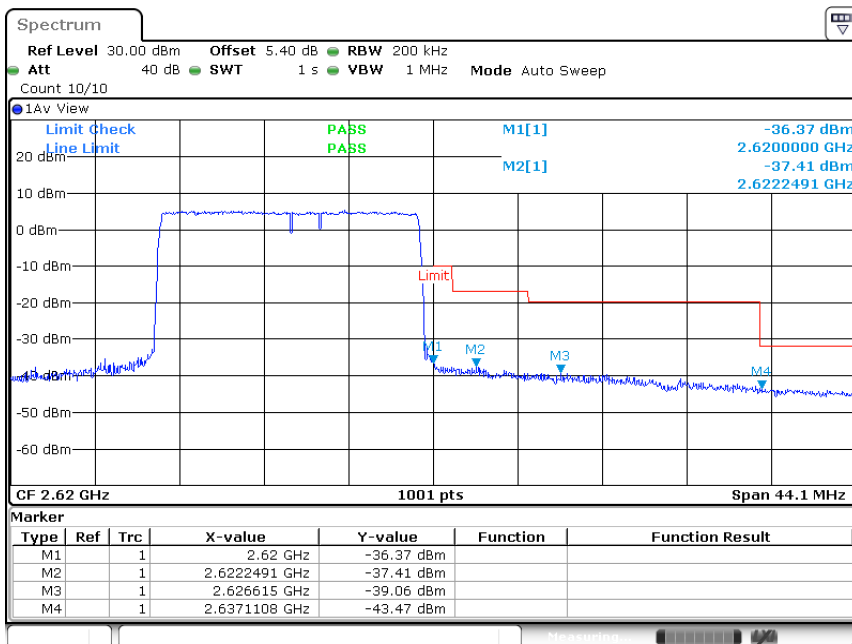
Band38-15MHz-QPSK-38175-1RB#74



Date: 17.SEP.2020 15:05:38

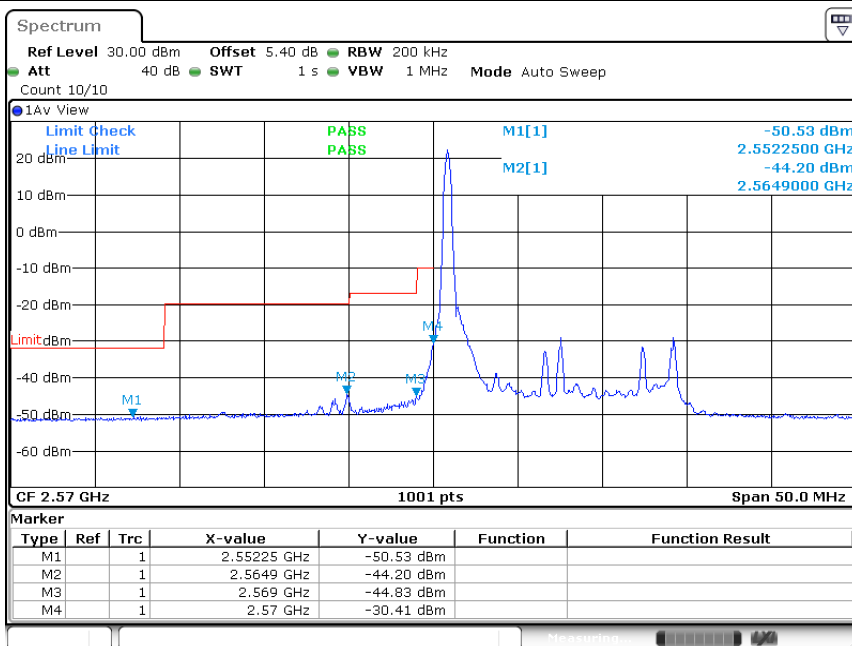


Band38-15MHz-QPSK-38175-75RB#0



Date: 17.SEP.2020 15:06:29

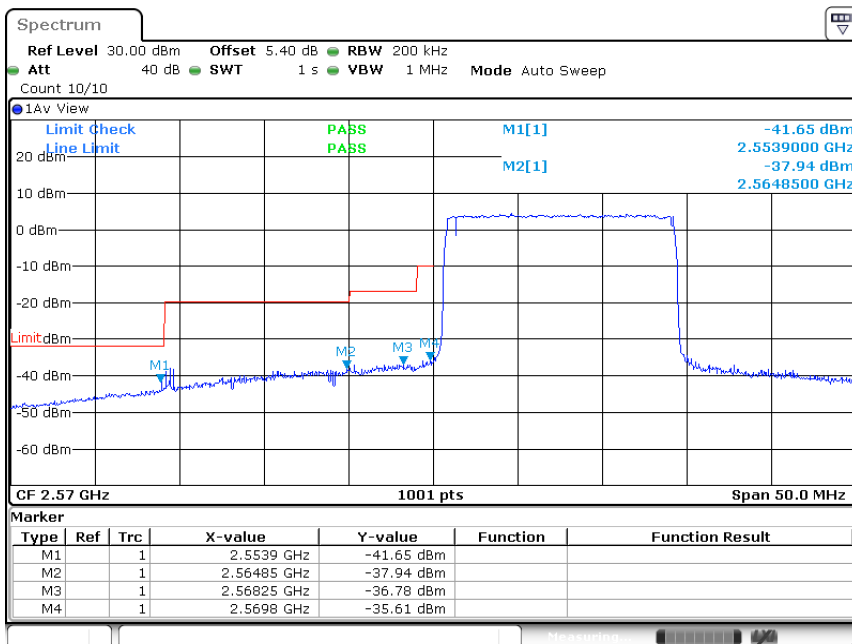
Band38-15MHz-16QAM-37825-1RB#0



Date: 17.SEP.2020 15:04:13

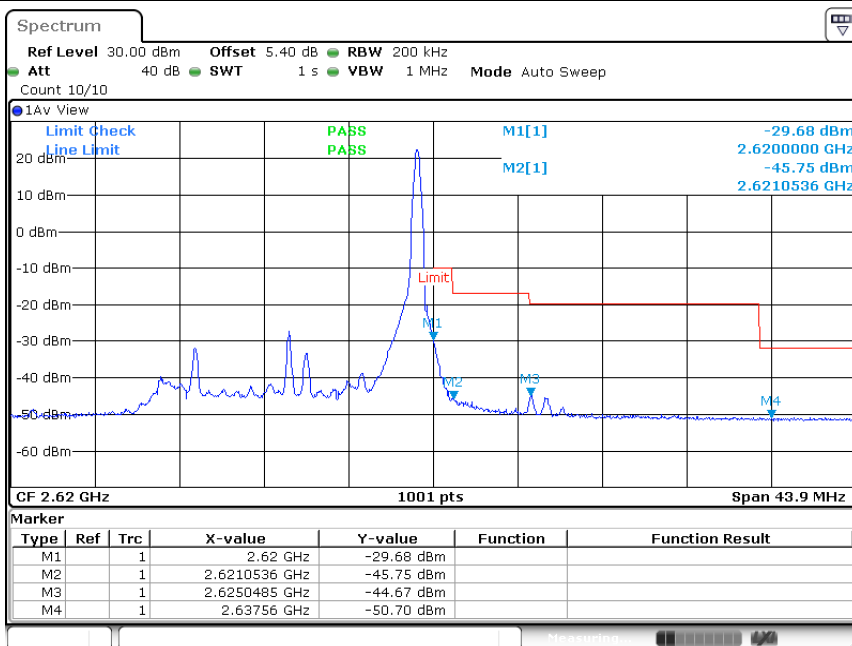


Band38-15MHz-16QAM-37825-75RB#0



Date: 17.SEP.2020 15:05:05

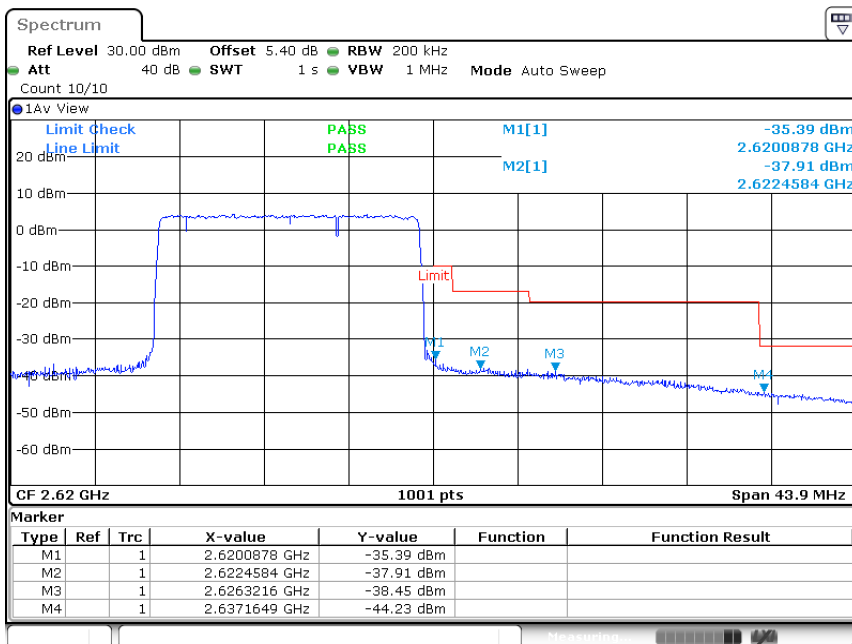
Band38-15MHz-16QAM-38175-1RB#74



Date: 17.SEP.2020 15:06:04

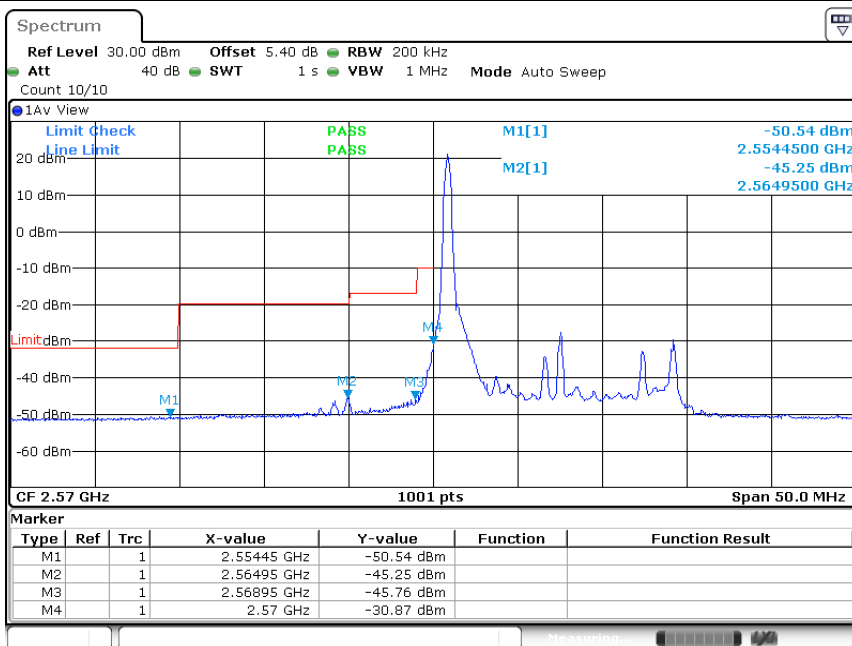


Band38-15MHz-16QAM-38175-75RB#0



Date: 17.SEP.2020 15:06:55

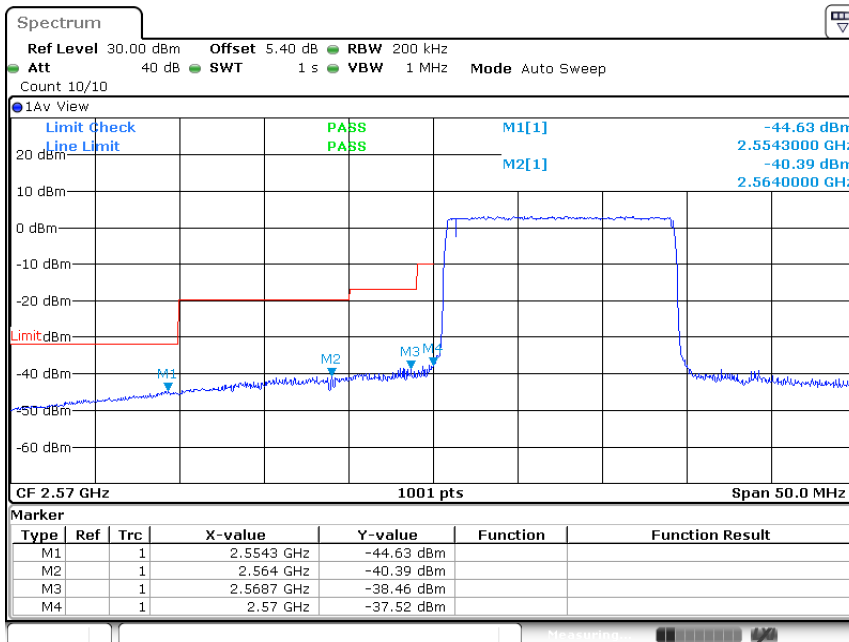
Band38-15MHz-64QAM-37825-1RB#0



Date: 17.SEP.2020 15:49:11

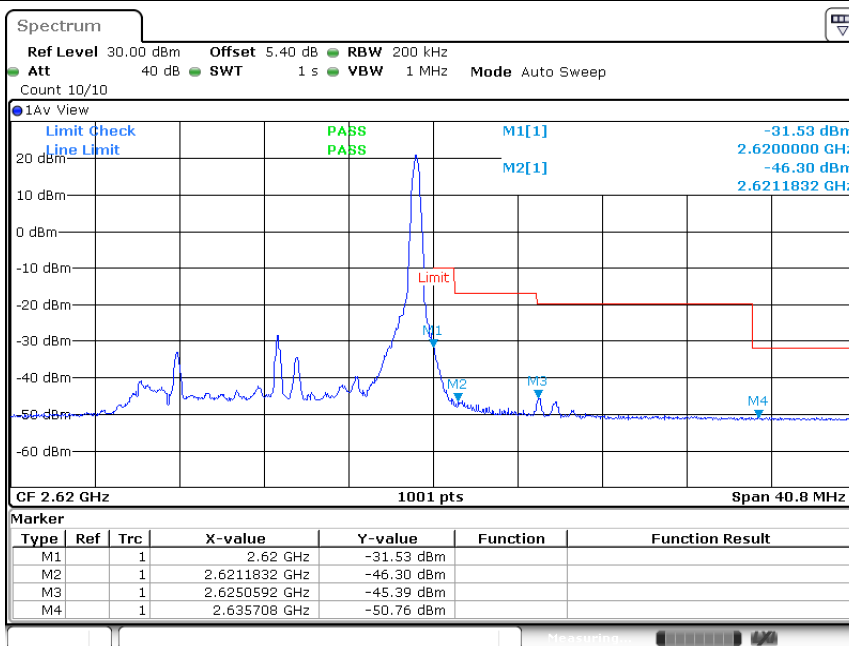


Band38-15MHz-64QAM-37825-75RB#0



Date: 17.SEP.2020 15:49:37

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



Date: 17.SEP.2020 15:50:11

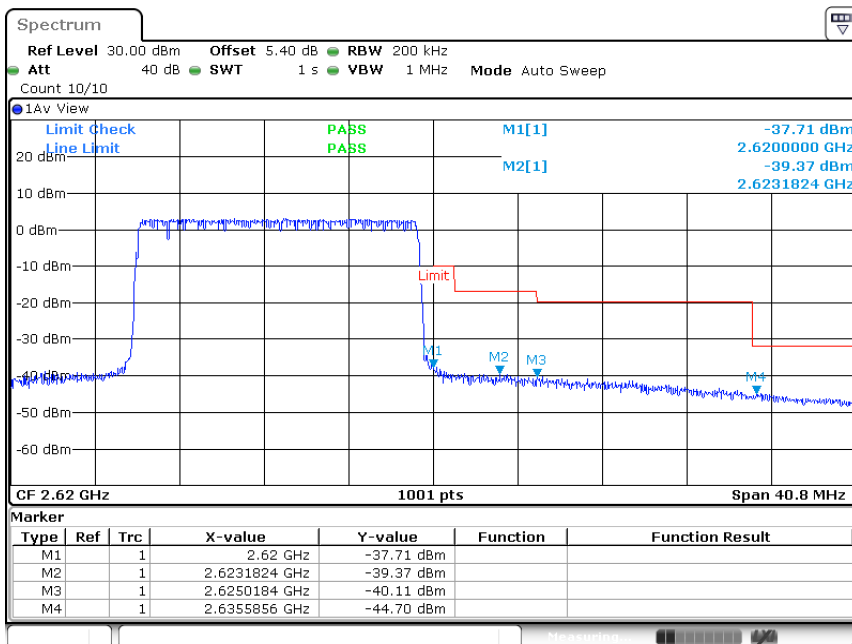


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

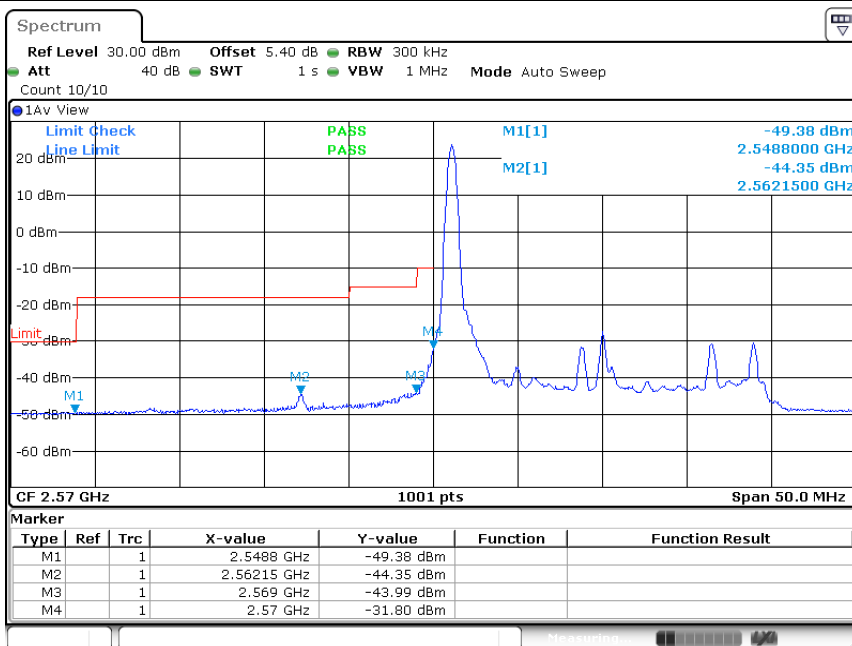
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 17.SEP.2020 15:50:37

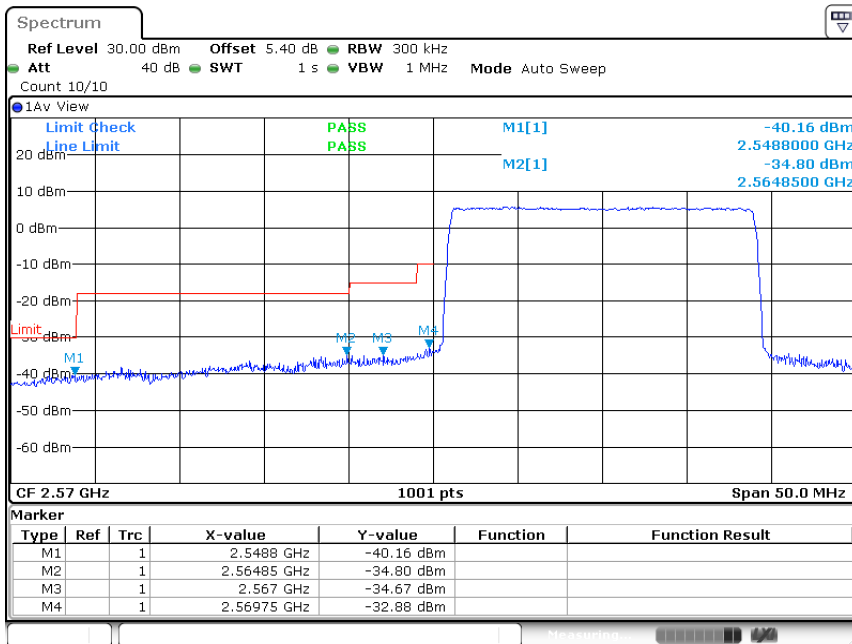
Band38-20MHz-QPSK-37850-1RB#0



Date: 17.SEP.2020 15:07:30

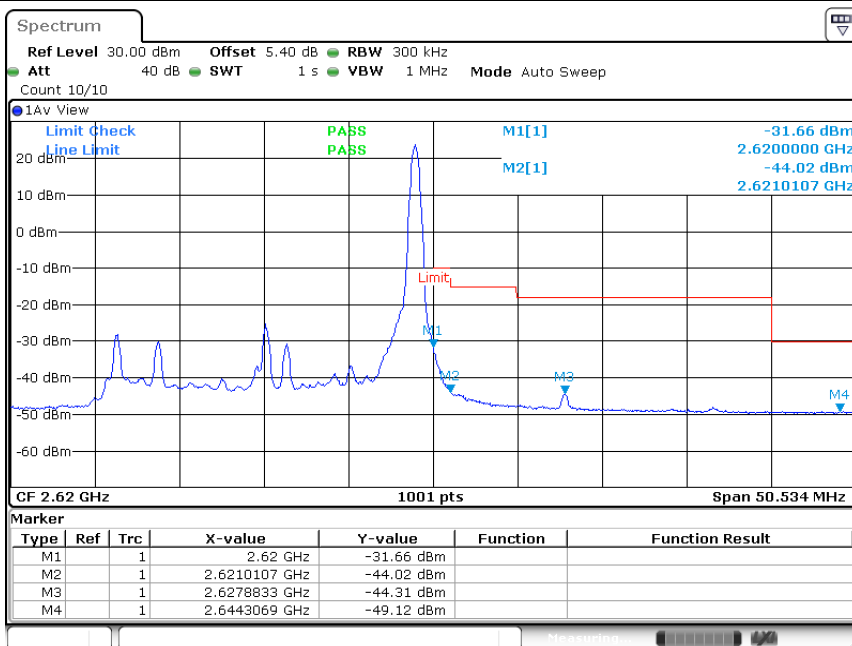


Band38-20MHz-QPSK-37850-100RB#0



Date: 17.SEP.2020 15:08:21

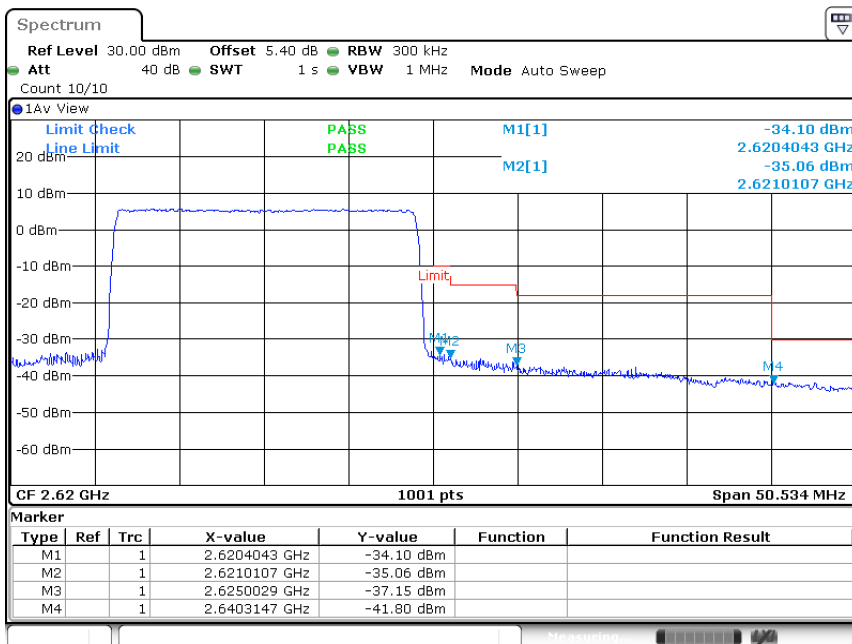
Band38-20MHz-QPSK-38150-1RB#99



Date: 17.SEP.2020 15:12:49

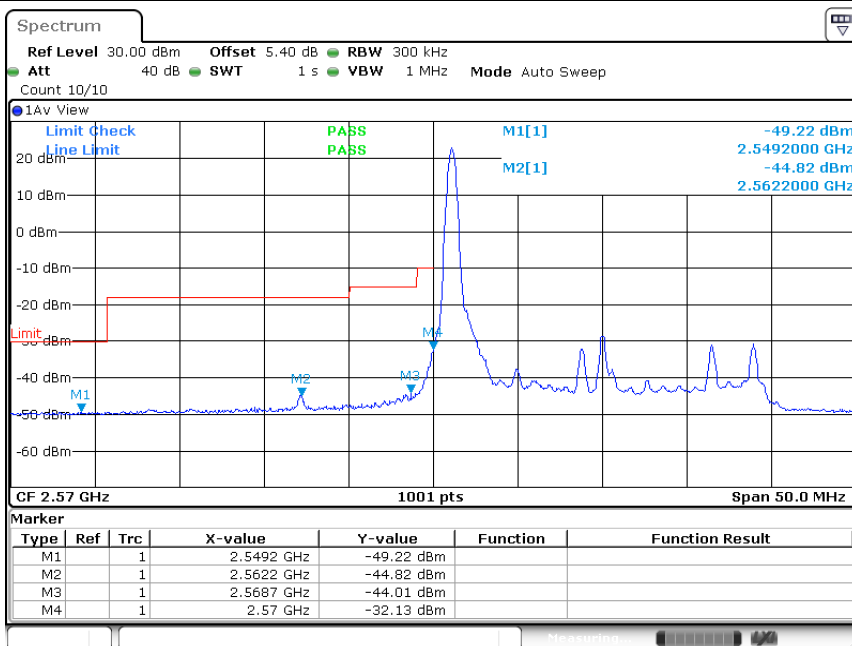


Band38-20MHz-QPSK-38150-100RB#0



Date: 17.SEP.2020 15:19:13

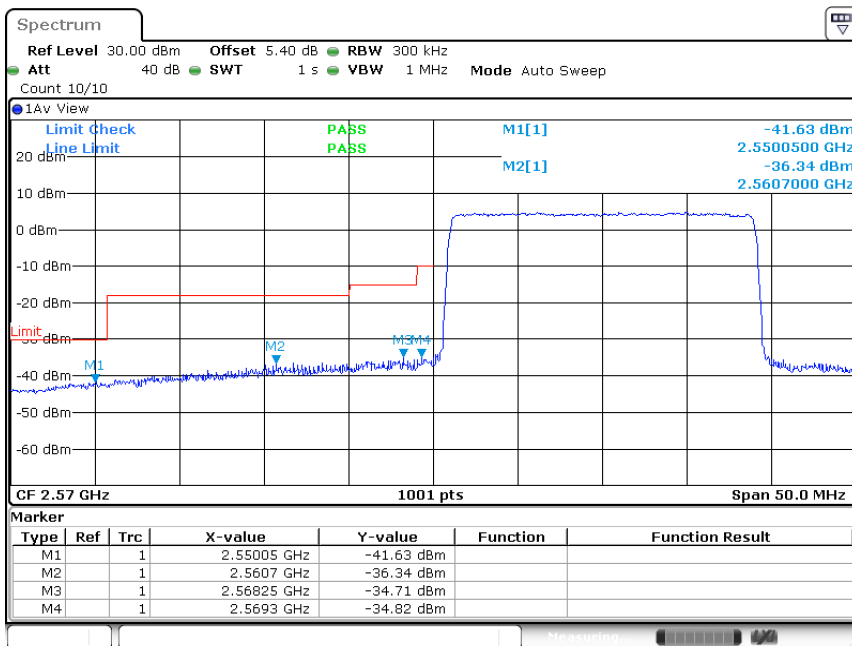
Band38-20MHz-16QAM-37850-1RB#0



Date: 17.SEP.2020 15:07:56

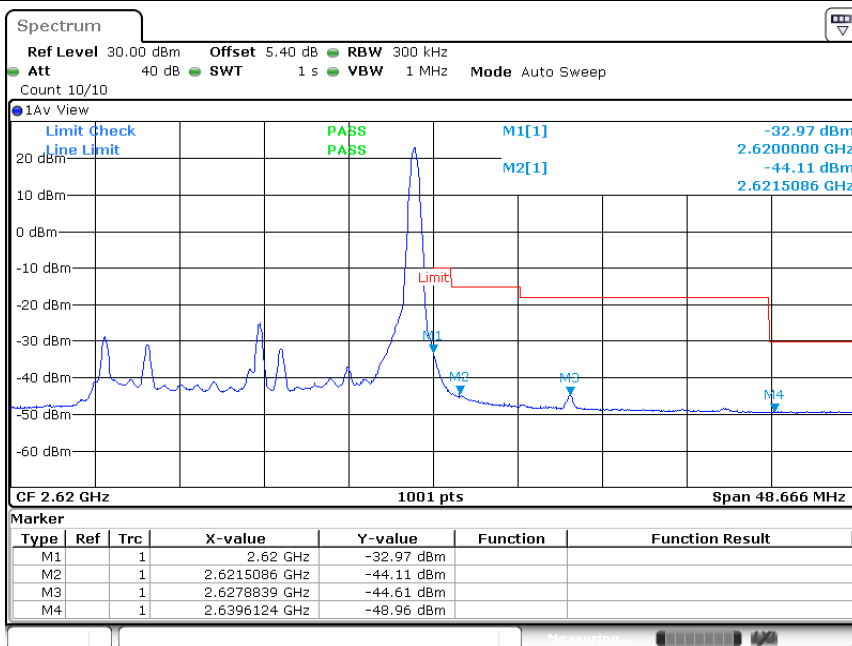


Band38-20MHz-16QAM-37850-100RB#0



Date: 17.SEP.2020 15:08:47

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



Date: 17.SEP.2020 15:17:09



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

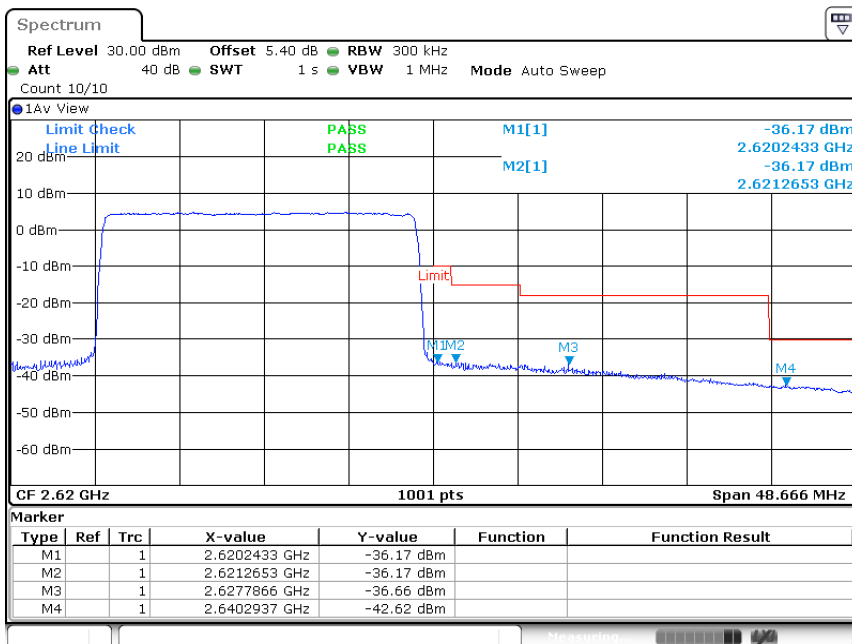
Unless otherwise agreed in writing this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 deemed to have read, understood and accepted the Terms and Conditions of the document and to have agreed to be bound by the 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 expiration date of this document is strictly prohibited and may result in severe civil and criminal penalties. If the holder 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	5180507	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

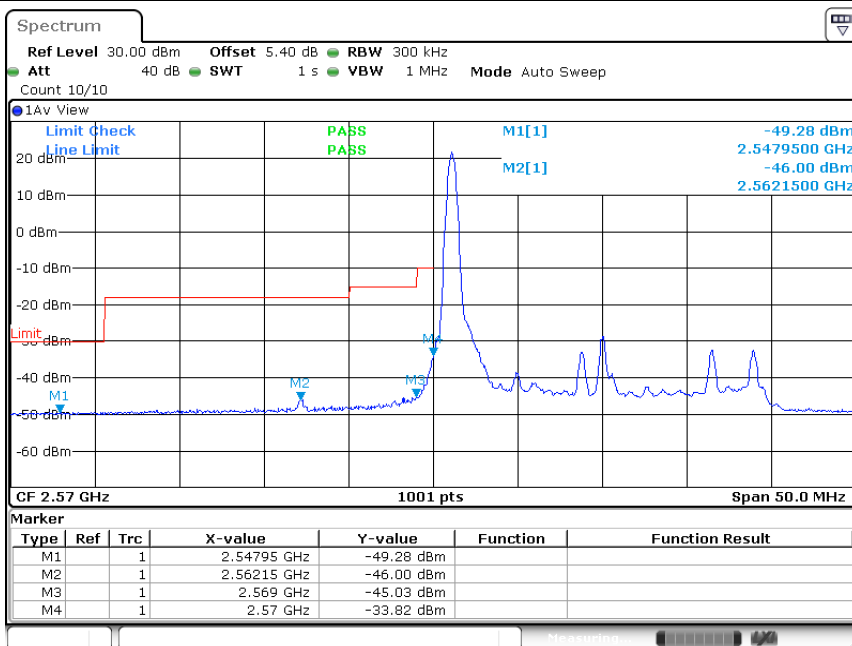
Member of the SGS Group (SGS SA)

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



Date: 17.SEP.2020 15:20:53

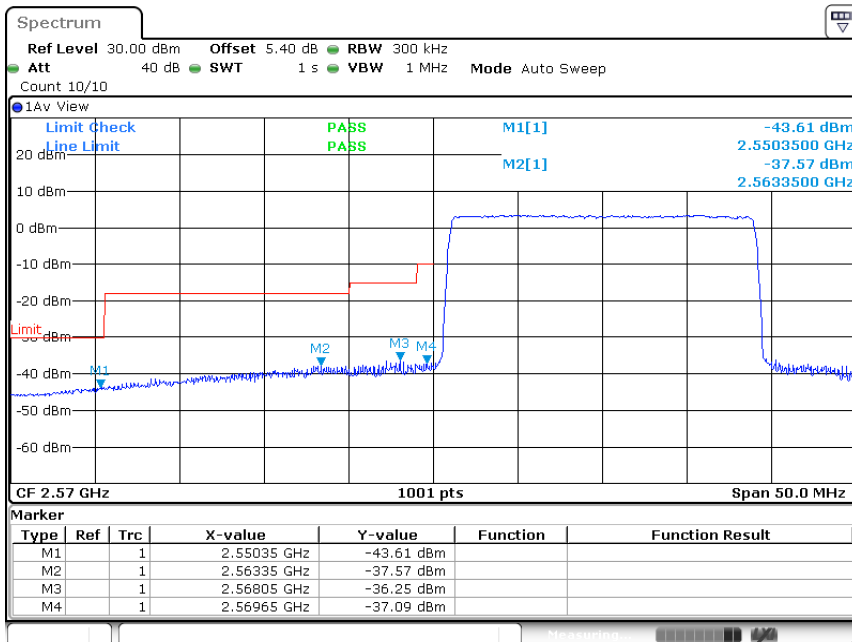
Band38-20MHz-64QAM-37850-1RB#0



Date: 17.SEP.2020 15:51:12

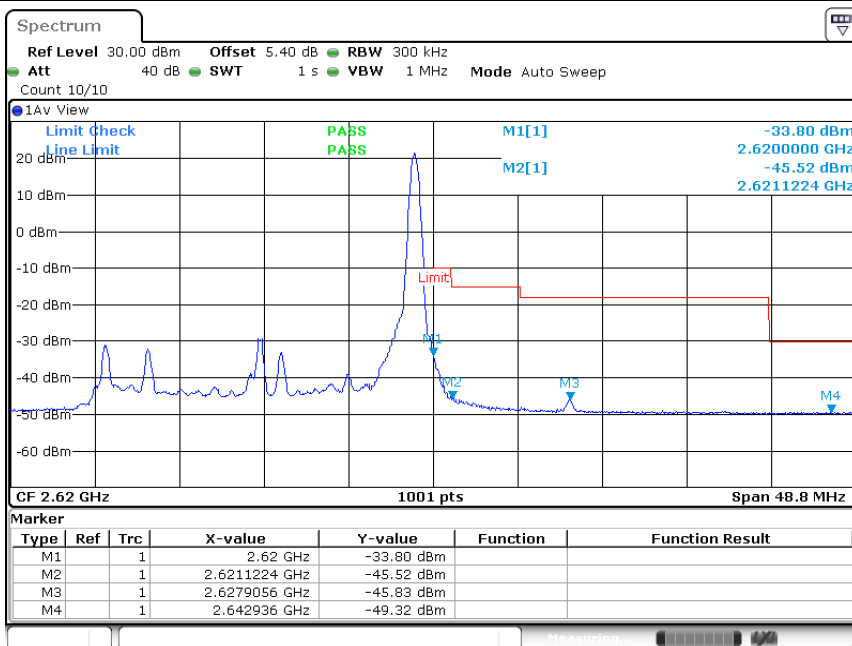


Band38-20MHz-64QAM-37850-100RB#0



Date: 17.SEP.2020 15:51:38

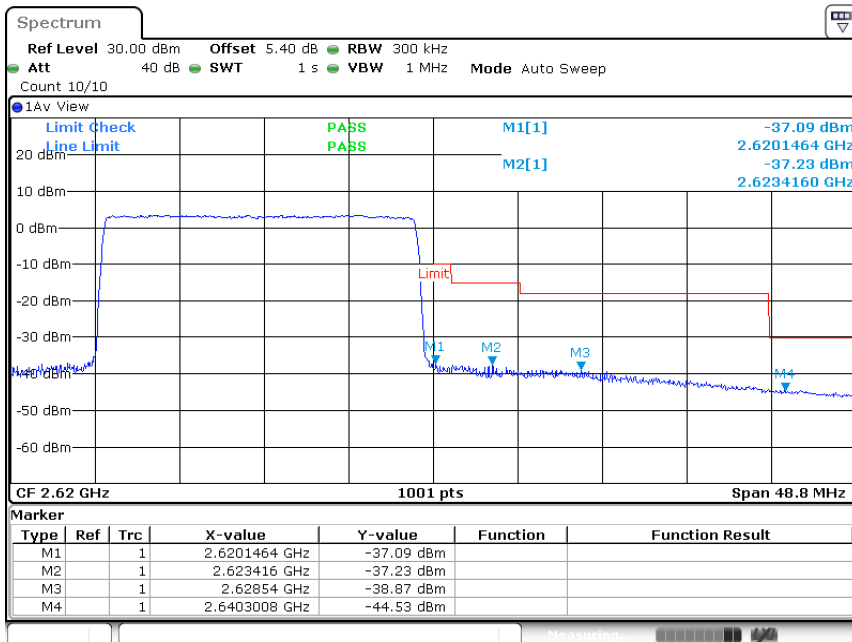
Band38-20MHz-64QAM-38150-1RB#99



Date: 17.SEP.2020 15:52:12



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



Date: 17.SEP.2020 15:52:38

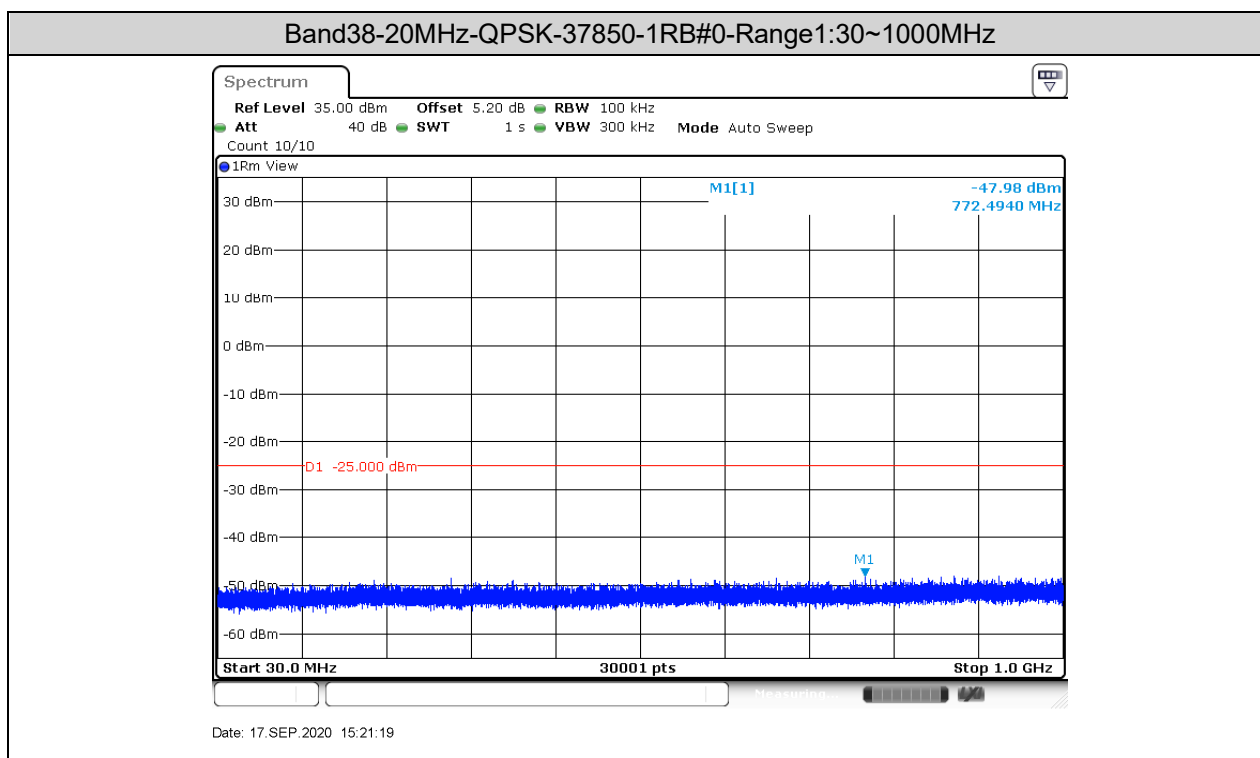


6 Spurious Emission at Antenna Terminal

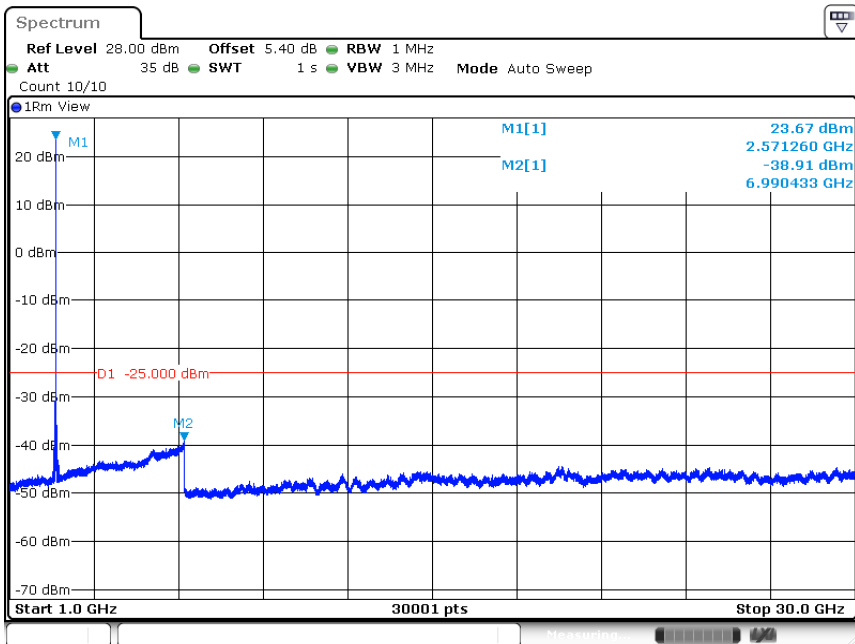
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

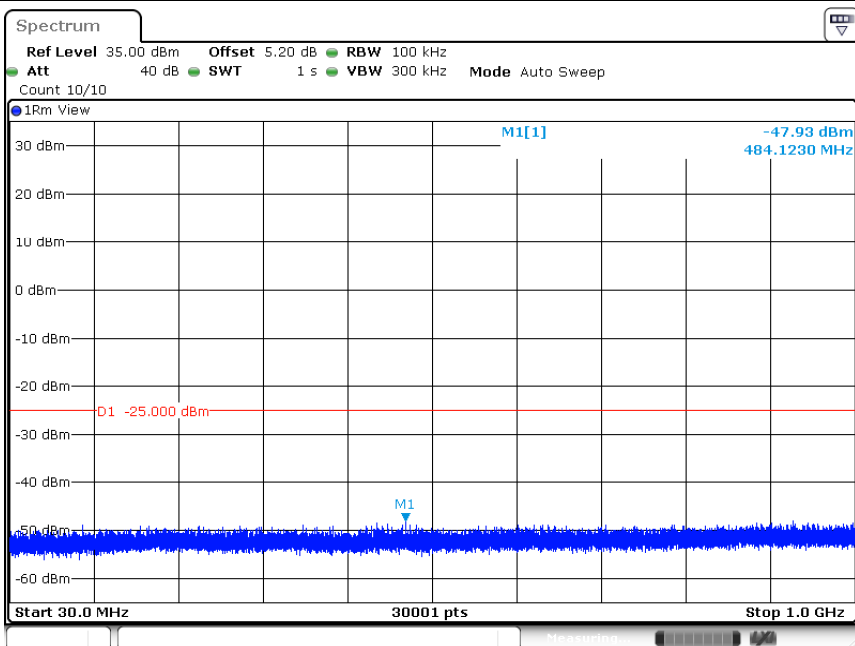


Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:21:36

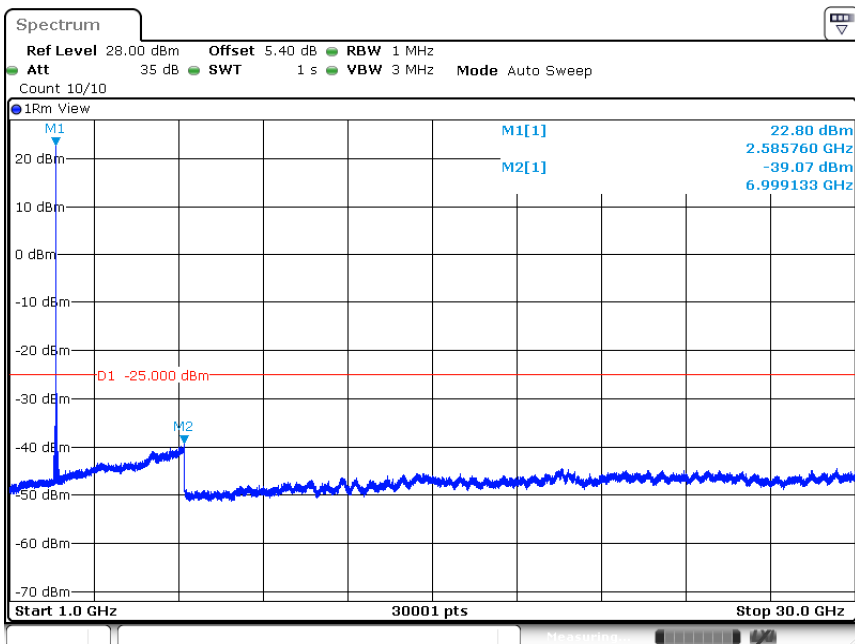
Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:22:37

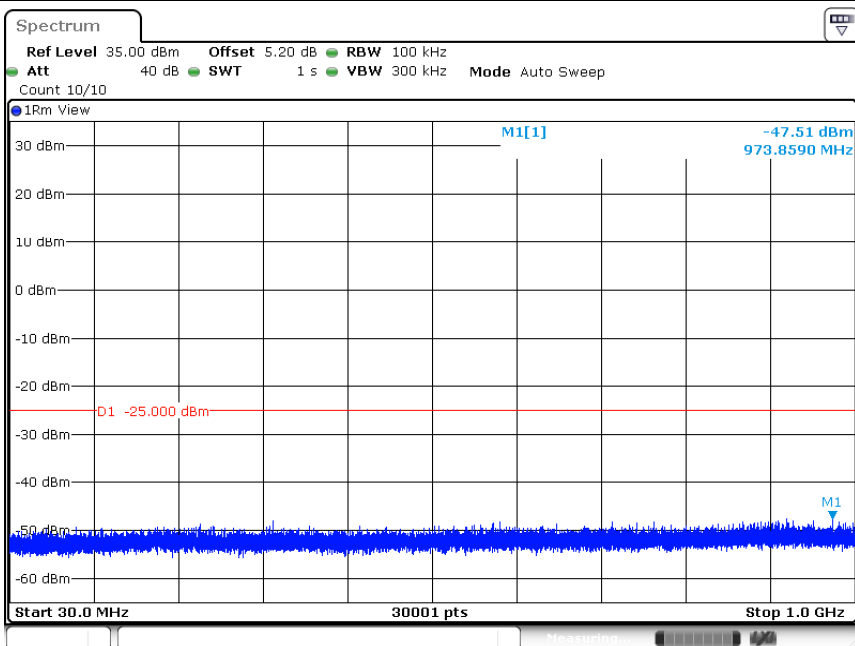


Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:22:54

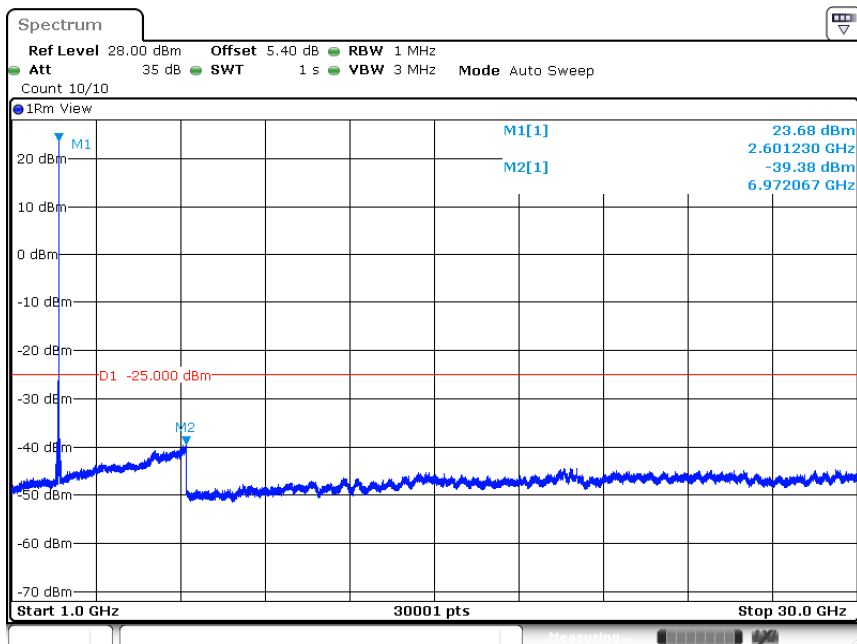
Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:23:55

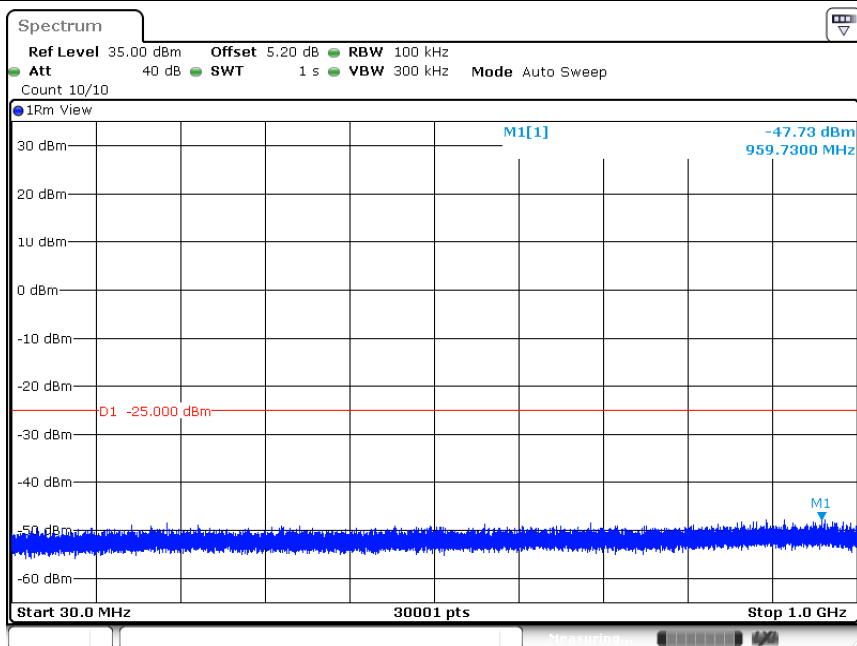


Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:24:12

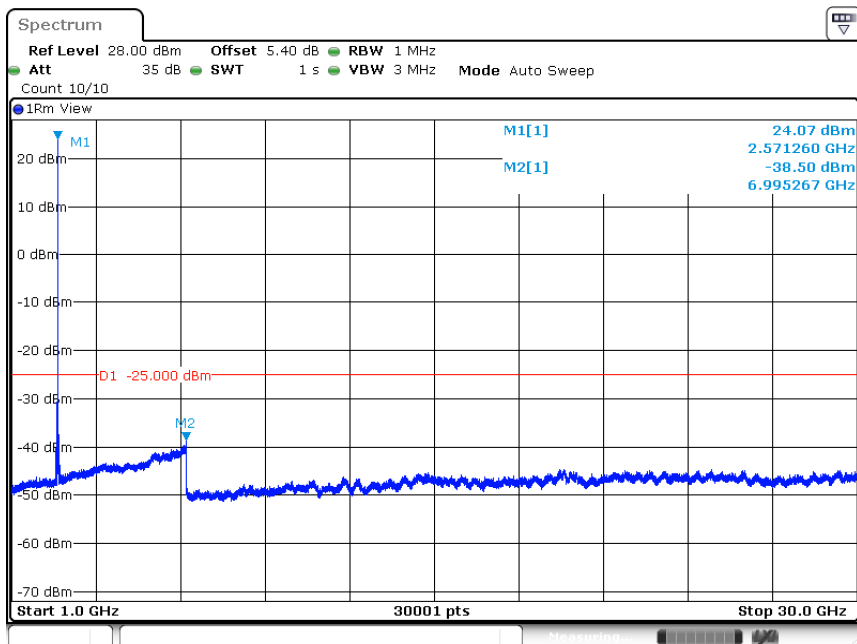
Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:21:58

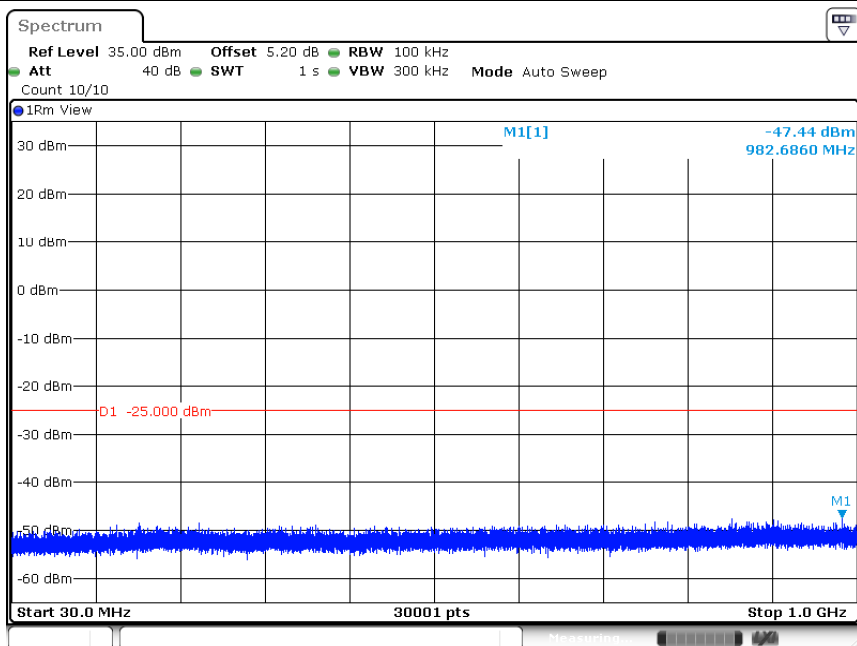


Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:22:15

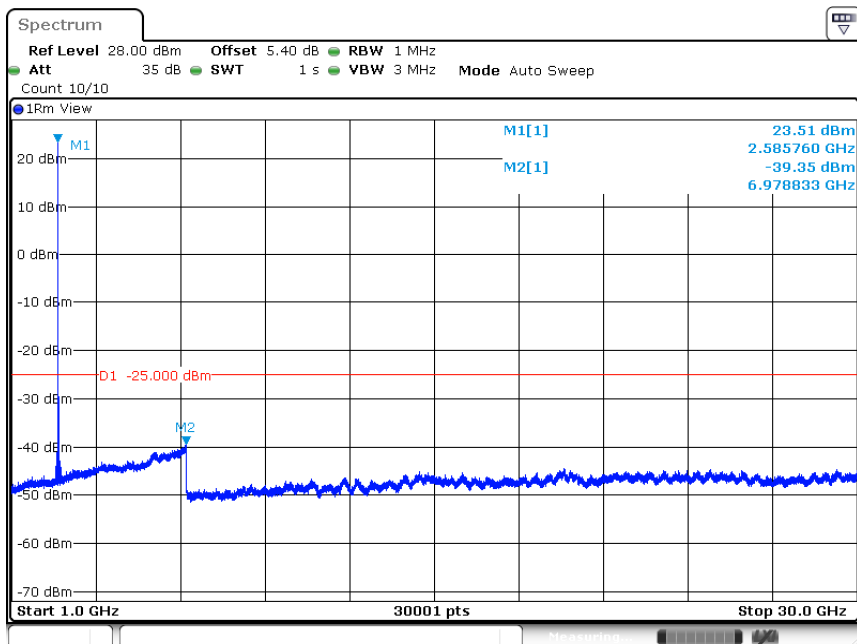
Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:23:16

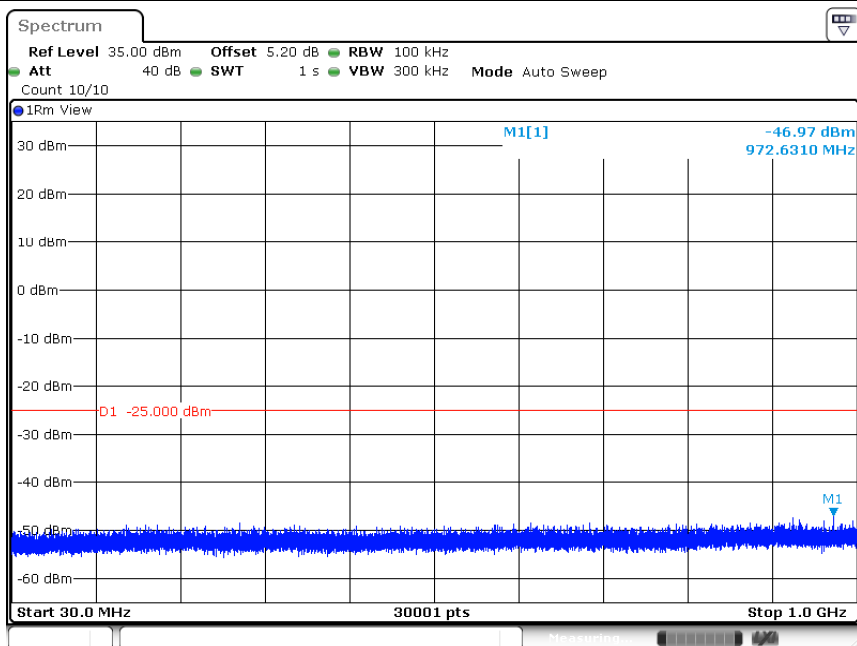


Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:23:33

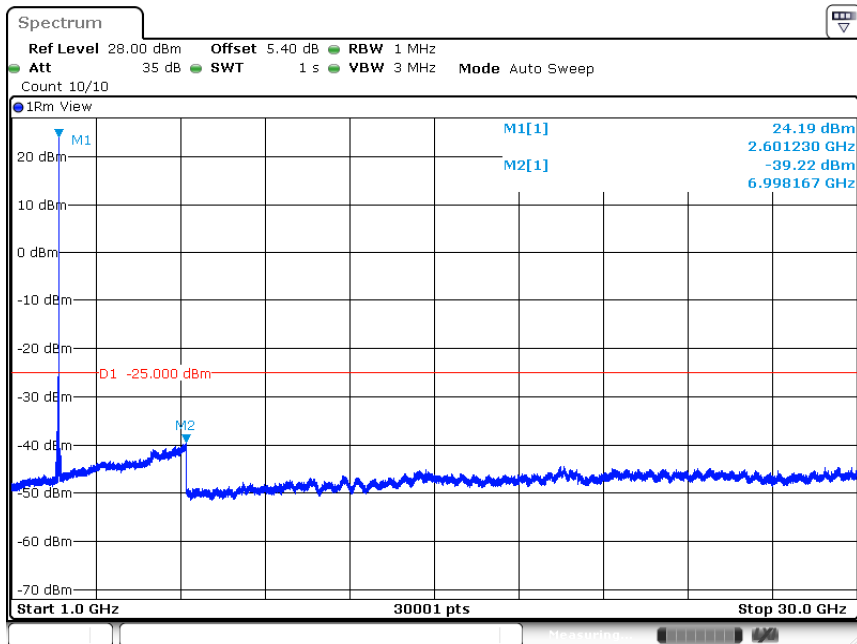
Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:24:34

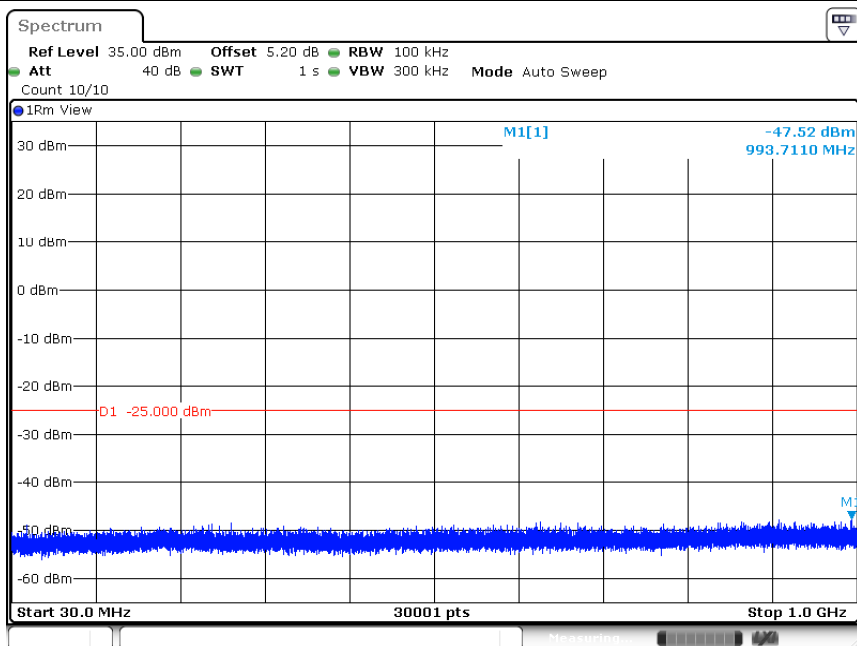


Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:24:51

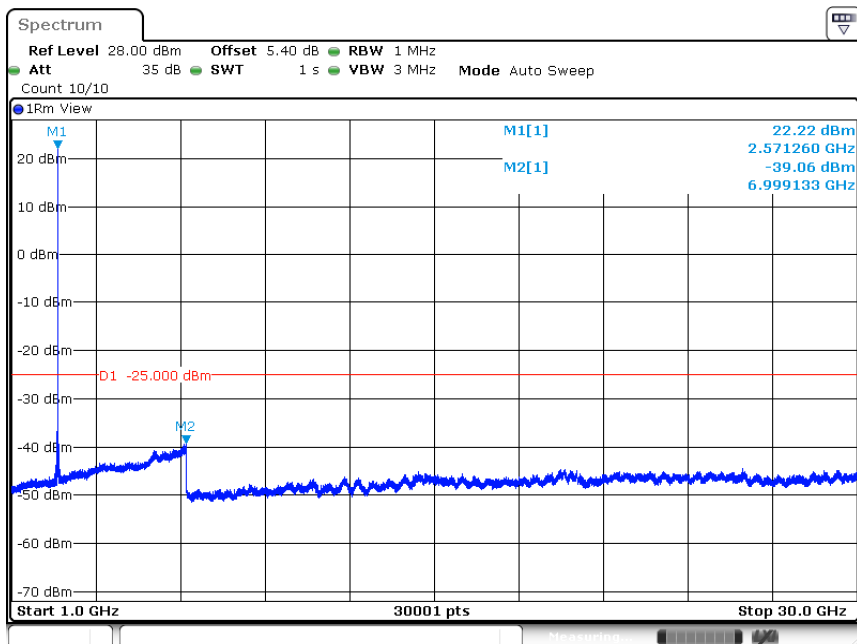
Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:53:06

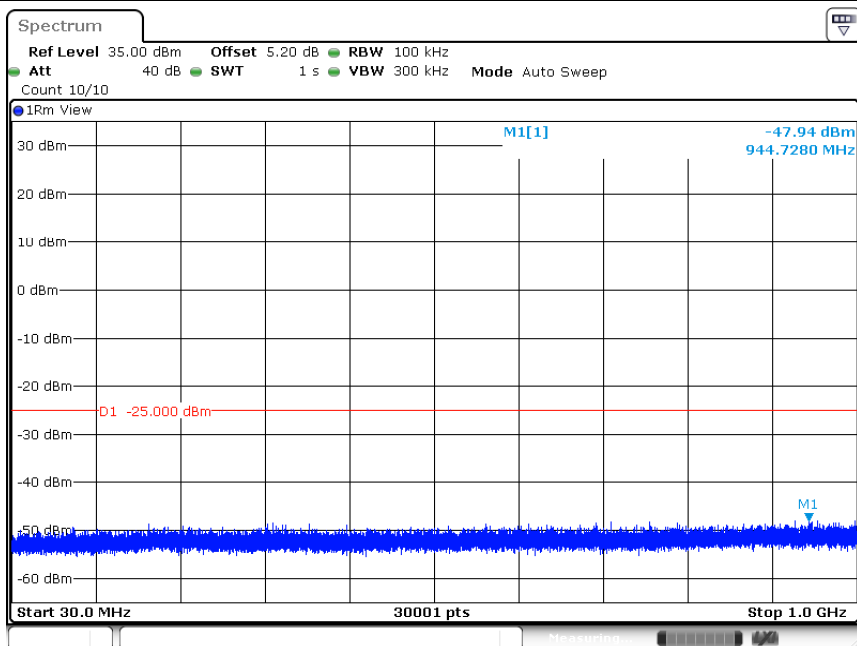


Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:53:23

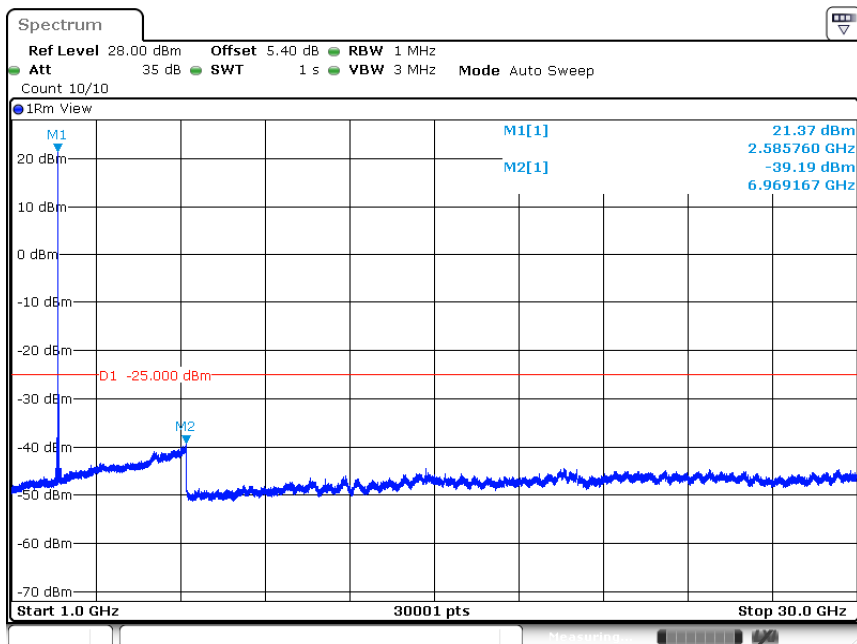
Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:53:45

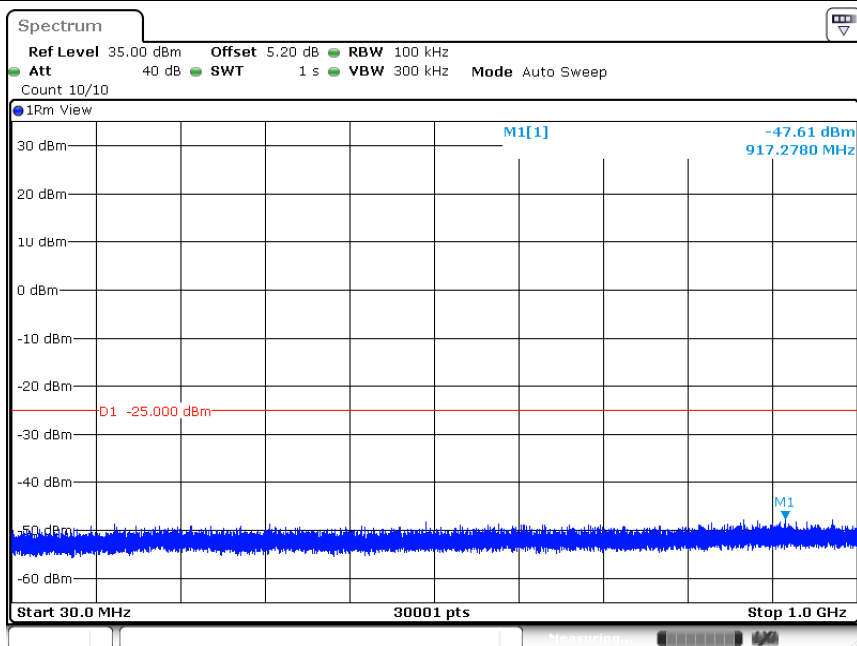


Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:54:02

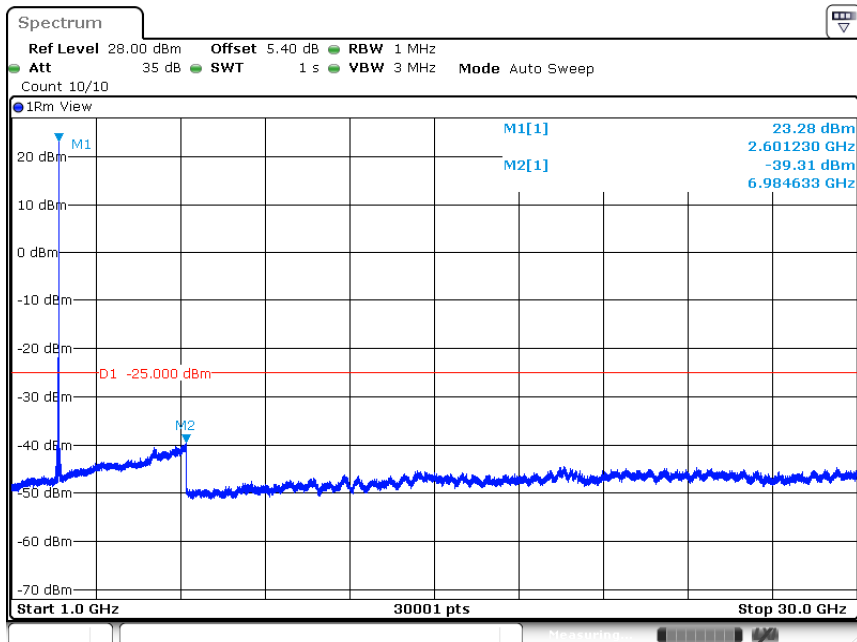
Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 15:54:24



Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 17.SEP.2020 15:54:41



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

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

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

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



7 Field Strength of Spurious Radiation

7.1 Test Mode = LTE/TM1 20MHz (Ant1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.2968	-72.62	-25.00	47.62	Vertical
111.1931	-64.46	-25.00	39.46	Vertical
368.8379	-67.82	-25.00	42.82	Vertical
3763.0254	-61.61	-25.00	36.61	Vertical
8031.1677	-55.63	-25.00	30.63	Vertical
17994.9998	-39.92	-25.00	14.92	Vertical
44.4052	-64.02	-25.00	39.02	Horizontal
88.8819	-75.10	-25.00	50.10	Horizontal
244.2837	-67.66	-25.00	42.66	Horizontal
3766.5256	-61.19	-25.00	36.19	Horizontal
7464.6488	-56.53	-25.00	31.53	Horizontal
16393.9465	-43.64	-25.00	18.64	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1455	-76.13	-25.00	51.13	Vertical
105.6638	-65.03	-25.00	40.03	Vertical
509.7375	-66.05	-25.00	41.05	Vertical
3828.0276	-61.61	-25.00	36.61	Vertical
7431.6477	-55.92	-25.00	30.92	Vertical
17989.9997	-40.03	-25.00	15.03	Vertical
42.0771	-64.06	-25.00	39.06	Horizontal
89.2215	-75.73	-25.00	50.73	Horizontal
246.4178	-68.02	-25.00	43.02	Horizontal
3677.5226	-61.39	-25.00	36.39	Horizontal
7458.1486	-56.20	-25.00	31.20	Horizontal
16376.4459	-43.49	-25.00	18.49	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.5036	-75.91	-25.00	50.91	Vertical
112.4541	-65.29	-25.00	40.29	Vertical
381.1576	-67.66	-25.00	42.66	Vertical
5011.0670	-61.65	-25.00	36.65	Vertical
7458.1486	-55.53	-25.00	30.53	Vertical
17989.4997	-40.15	-25.00	15.15	Vertical
41.5921	-63.43	-25.00	38.43	Horizontal
101.6381	-74.62	-25.00	49.62	Horizontal
233.7102	-67.94	-25.00	42.94	Horizontal
3612.5204	-61.19	-25.00	36.19	Horizontal
7455.6485	-55.96	-25.00	30.96	Horizontal
16393.9465	-43.74	-25.00	18.74	Horizontal





7.2 Test Mode =LTE/TM1 20MHz (Ant2)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.5036	-73.94	-25.00	48.94	Vertical
111.9691	-64.85	-25.00	39.85	Vertical
301.8561	-68.15	-25.00	43.15	Vertical
3711.0237	-61.97	-25.00	36.97	Vertical
7713.1571	-55.76	-25.00	30.76	Vertical
17997.9999	-39.55	-25.00	14.55	Vertical
39.9915	-63.87	-25.00	38.87	Horizontal
105.0818	-75.59	-25.00	50.59	Horizontal
244.5262	-68.37	-25.00	43.37	Horizontal
5475.5825	-61.18	-25.00	36.18	Horizontal
7713.6571	-57.39	-25.00	32.39	Horizontal
16376.4459	-43.12	-25.00	18.12	Horizontal

7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.3395	-75.98	-25.00	50.98	Vertical
110.6595	-64.95	-25.00	39.95	Vertical
530.4480	-66.51	-25.00	41.51	Vertical
3619.0206	-61.93	-25.00	36.93	Vertical
7758.1586	-56.27	-25.00	31.27	Vertical
17997.4999	-39.83	-25.00	14.83	Vertical
44.8417	-64.36	-25.00	39.36	Horizontal
107.6524	-75.32	-25.00	50.32	Horizontal
249.9100	-68.42	-25.00	43.42	Horizontal
5105.0702	-61.22	-25.00	36.22	Horizontal
7758.6586	-56.54	-25.00	31.54	Horizontal
16399.4466	-42.94	-25.00	17.94	Horizontal





7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0485	-75.21	-25.00	50.21	Vertical
109.3015	-64.48	-25.00	39.48	Vertical
599.2245	-63.58	-25.00	38.58	Vertical
5063.0688	-61.73	-25.00	36.73	Vertical
7802.6601	-42.64	-25.00	17.64	Vertical
17997.9999	-39.99	-25.00	14.99	Vertical
44.3567	-64.19	-25.00	39.19	Horizontal
104.5482	-74.66	-25.00	49.66	Horizontal
239.2880	-67.96	-25.00	42.96	Horizontal
3619.0206	-60.89	-25.00	35.89	Horizontal
7803.1601	-40.35	-25.00	15.35	Horizontal
16399.9467	-43.45	-25.00	18.45	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.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory

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

Member of the SGS Group (SGS SA)



8 Frequency Stability

8.1 Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	9.20	0.003566	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	16.90	0.006550	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	9.00	0.003488	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	9.30	0.003584	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	12.90	0.004971	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	9.90	0.003815	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	13.20	0.005057	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	16.10	0.006169	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	15.20	0.005824	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	10.30	0.003992	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	14.30	0.005543	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	13.10	0.005078	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	16.20	0.006243	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	11.20	0.004316	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	9.40	0.003622	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	16.90	0.006475	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	12.60	0.004828	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	12.10	0.004636	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	15.30	0.005930	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	13.80	0.005349	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	14.70	0.005698	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	14.00	0.005395	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	15.50	0.005973	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	10.10	0.003892	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	13.60	0.005211	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	9.70	0.003716	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	10.50	0.004023	±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



8.2 Frequency Vs Temperature

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	7.40	0.002868	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	11.60	0.004496	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	15.60	0.006047	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	13.80	0.005349	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	14.80	0.005736	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	8.90	0.003450	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	11.70	0.004535	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	10.90	0.004225	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	10.70	0.004147	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	14.20	0.005472	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	11.60	0.004470	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	8.00	0.003083	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	14.70	0.005665	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	10.70	0.004123	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	14.30	0.005511	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	18.60	0.007168	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	11.10	0.004277	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	15.80	0.006089	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	14.10	0.005402	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	10.50	0.004023	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	11.60	0.004444	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	12.30	0.004713	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	15.90	0.006092	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	15.50	0.005939	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	14.40	0.005517	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	15.10	0.005785	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	14.40	0.005517	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	14.50	0.005620	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	12.20	0.004729	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	13.80	0.005349	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	12.30	0.004767	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	11.00	0.004264	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	12.50	0.004845	±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.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	16QAM	37850	100RB#0	NV	30	8.70	0.003372	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	15.90	0.006163	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	10.90	0.004225	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	12.60	0.004855	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	11.90	0.004586	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	14.20	0.005472	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	13.10	0.005048	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	19.60	0.007553	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	15.20	0.005857	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	8.20	0.003160	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	11.90	0.004586	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	12.00	0.004624	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	11.20	0.004291	±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	-10	10.90	0.004176	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	8.00	0.003065	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	13.20	0.005057	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	14.50	0.005556	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	16.10	0.006169	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	13.50	0.005172	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	13.80	0.005287	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	9.80	0.003798	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	13.70	0.005310	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-10	16.00	0.006202	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	13.90	0.005388	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	9.80	0.003798	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	12.00	0.004651	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	9.60	0.003721	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	9.70	0.003760	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	13.60	0.005271	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	10.30	0.003969	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	16.10	0.006204	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-10	10.50	0.004046	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	10.50	0.004046	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	10.70	0.004123	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	15.00	0.005780	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	19.40	0.007476	±2.5	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch 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	20MHz	64QAM	38000	100RB#0	NV	40	15.30	0.005896	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	11.70	0.004509	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	13.40	0.005134	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	14.60	0.005594	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-10	17.00	0.006513	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	11.60	0.004444	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	9.60	0.003678	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	12.30	0.004713	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	14.80	0.005670	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	11.20	0.004291	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	11.80	0.004521	±2.5	PASS

The End

