



Appendix B

E-UTRA Band 41



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

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



CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1.	TEST RESULT	4
2.	PEAK-TO-AVERAGE RATIO (CCDF)	12
2.1.	TEST RESULT	12
2.2.	TEST PLOTS.....	12
3.	MODULATION CHARACTERISTICS	17
3.1.	TEST MODE = LTE /TM1 20MHZ.....	17
3.1.1.	TEST CHANNEL = MCH.....	17
3.2.	TEST MODE = LTE /TM2 20MHZ.....	18
3.2.1.	TEST CHANNEL = MCH.....	18
3.3.	TEST MODE = LTE /TM3 20MHZ.....	19
3.3.1.	TEST CHANNEL = MCH.....	19
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	20
4.1.	TEST RESULT	20
4.2.	TEST PLOTS.....	21
5.	BAND EDGE COMPLIANCE	40
5.1.	TEST PLOTS.....	40
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	65
6.1.	TEST PLOTS.....	65
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	75
7.1.	Test Band = LTE_41-20M _TM1	75
7.1.1.	Test Channel = Low Channel	75
7.2.	Test Band = LTE_41-20M _TM1	76
7.2.1.	Test Channel = Low Channel	76
7.3.	Test Band = LTE_41-20M _TM1	77
7.3.1.	Test Channel = Mid Channel	77
7.4.	Test Band = LTE_41-20M _TM1	78
7.4.1.	Test Channel = Mid Channel	78
7.5.	Test Band = LTE_41-20M _TM1	79
7.5.1.	Test Channel = High Channel	79



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



7.6.	Test Band = LTE_41-20M_TM1	80
7.6.1.	Test Channel = High Channel	80
8.	FREQUENCY STABILITY	81
8.1.	FREQUENCY VS VOLTAGE	81
8.2.	FREQUENCY VS TEMPERATURE	82



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

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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.42	11.52	30.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.47	11.57	30.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.32	11.42	30.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.62	10.72	30.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.56	10.66	30.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.55	10.65	30.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.60	10.7	30.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.78	11.88	30.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.82	11.92	30.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.73	11.83	30.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.82	10.92	30.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.86	10.96	30.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.84	10.94	30.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.80	10.9	30.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.42	11.52	30.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.52	11.62	30.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.50	11.6	30.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.53	10.63	30.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.61	10.71	30.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.58	10.68	30.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.48	10.58	30.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.72	10.82	30.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.61	10.71	30.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.77	10.87	30.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.56	9.66	30.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.66	9.76	30.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.53	9.63	30.00	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
Shenzhen Branch: 科技园中区M-10栋一号楼
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号楼

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

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



Band41	5MHz	16QAM	39675	25RB#0	19.66	9.76	30.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.00	11.1	30.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.04	11.14	30.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.93	11.03	30.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.88	9.98	30.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.85	9.95	30.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.86	9.96	30.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.91	10.01	30.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.64	10.74	30.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.58	10.68	30.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.63	10.73	30.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.47	9.57	30.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.56	9.66	30.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.55	9.65	30.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.62	9.72	30.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	19.32	9.42	30.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	19.57	9.67	30.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	19.47	9.57	30.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	18.52	8.62	30.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	18.30	8.4	30.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	18.56	8.66	30.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	18.33	8.43	30.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	19.56	9.66	30.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	19.38	9.48	30.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	19.34	9.44	30.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	18.56	8.66	30.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	18.56	8.66	30.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	18.48	8.58	30.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	18.56	8.66	30.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	19.30	9.4	30.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	19.32	9.42	30.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	19.33	9.43	30.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	18.40	8.5	30.00	PASS



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

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

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



Band41	5MHz	64QAM	41565	12RB#6	18.51	8.61	30.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	18.30	8.4	30.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	18.55	8.65	30.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.83	11.93	30.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.42	11.52	30.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.46	11.56	30.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.59	10.69	30.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.47	10.57	30.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.60	10.70	30.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.57	10.67	30.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.65	11.75	30.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.71	11.81	30.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.75	11.85	30.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.87	10.97	30.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.84	10.94	30.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.78	10.88	30.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.87	10.97	30.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.45	11.55	30.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.40	11.50	30.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.35	11.45	30.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.63	10.73	30.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.60	10.70	30.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.51	10.61	30.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.56	10.66	30.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.62	10.72	30.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.59	10.69	30.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.55	10.65	30.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	19.74	9.84	30.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.54	9.64	30.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.59	9.69	30.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	19.56	9.66	30.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.92	11.02	30.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	20.92	11.02	30.00	PASS





Band41	10MHz	16QAM	40620	1RB#24	20.81	10.91	30.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.79	9.89	30.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.68	9.78	30.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.73	9.83	30.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.85	9.95	30.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	20.44	10.54	30.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	20.58	10.68	30.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.54	10.64	30.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.64	9.74	30.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.64	9.74	30.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.43	9.53	30.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.59	9.69	30.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	19.60	9.70	30.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	19.46	9.56	30.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	19.33	9.43	30.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	18.54	8.64	30.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	18.51	8.61	30.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	18.52	8.62	30.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	18.30	8.40	30.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	19.31	9.41	30.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	19.52	9.62	30.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	19.44	9.54	30.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	18.45	8.55	30.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	18.58	8.68	30.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	18.49	8.59	30.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	18.36	8.46	30.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	19.59	9.69	30.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	19.49	9.59	30.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	19.49	9.59	30.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	18.35	8.45	30.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	18.38	8.48	30.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	18.47	8.57	30.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	18.56	8.66	30.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band41	15MHz	QPSK	39725	1RB#74	21.41	11.51	30.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.31	11.41	30.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.42	11.52	30.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	20.50	10.60	30.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	20.41	10.51	30.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	20.41	10.51	30.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.48	10.58	30.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.55	11.65	30.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.58	11.68	30.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.59	11.69	30.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	20.67	10.77	30.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	20.60	10.70	30.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	20.60	10.70	30.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.63	10.73	30.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.14	11.24	30.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.11	11.21	30.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.32	11.42	30.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	20.37	10.47	30.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	20.43	10.53	30.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	20.40	10.50	30.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.45	10.55	30.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	20.50	10.60	30.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.38	10.48	30.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.53	10.63	30.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	19.37	9.47	30.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	19.42	9.52	30.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	19.32	9.42	30.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.45	9.55	30.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	20.78	10.88	30.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.71	10.81	30.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	20.86	10.96	30.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	19.71	9.81	30.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	19.57	9.67	30.00	PASS





Band41	15MHz	16QAM	40620	36RB#18	19.61	9.71	30.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.69	9.79	30.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.46	10.56	30.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.41	10.51	30.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.41	10.51	30.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	19.41	9.51	30.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	19.38	9.48	30.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	19.24	9.34	30.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.45	9.55	30.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	19.56	9.66	30.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	19.46	9.56	30.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	19.51	9.61	30.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	18.36	8.46	30.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	18.34	8.44	30.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	18.43	8.53	30.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	18.52	8.62	30.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	19.35	9.45	30.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	19.59	9.69	30.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	19.41	9.51	30.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	18.32	8.42	30.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	18.59	8.69	30.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	18.34	8.44	30.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	18.35	8.45	30.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	19.58	9.68	30.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	19.34	9.44	30.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	19.60	9.70	30.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	18.55	8.65	30.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	18.39	8.49	30.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	18.60	8.70	30.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	18.52	8.62	30.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.40	11.50	30.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.47	11.57	30.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.46	11.56	30.00	PASS



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

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

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



Band41	20MHz	QPSK	39750	50RB#25	20.53	10.63	30.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.42	10.52	30.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.50	10.60	30.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.56	10.66	30.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.60	11.70	30.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.66	11.76	30.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.65	11.75	30.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.81	10.91	30.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.75	10.85	30.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.75	10.85	30.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.69	10.79	30.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.29	11.39	30.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.34	11.44	30.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.24	11.34	30.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.58	10.68	30.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.48	10.58	30.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.44	10.54	30.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.46	10.56	30.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.52	10.62	30.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.50	10.60	30.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.58	10.68	30.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.41	9.51	30.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	19.51	9.61	30.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.48	9.58	30.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.52	9.62	30.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.79	10.89	30.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	20.73	10.83	30.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.81	10.91	30.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.76	9.86	30.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.72	9.82	30.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.62	9.72	30.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.68	9.78	30.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.60	10.70	30.00	PASS





Band41	20MHz	16QAM	41490	1RB#0	20.39	10.49	30.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	20.47	10.57	30.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.38	9.48	30.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.51	9.61	30.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.37	9.47	30.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.37	9.47	30.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	19.53	9.63	30.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	19.57	9.67	30.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	19.45	9.55	30.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	18.30	8.40	30.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	18.55	8.65	30.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	18.37	8.47	30.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	18.39	8.49	30.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	19.59	9.69	30.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	19.33	9.43	30.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	19.49	9.59	30.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	18.39	8.49	30.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	18.56	8.66	30.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	18.54	8.64	30.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	18.57	8.67	30.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	19.50	9.60	30.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	19.39	9.49	30.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	19.44	9.54	30.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	18.59	8.69	30.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	18.33	8.43	30.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	18.51	8.61	30.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	18.34	8.44	30.00	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

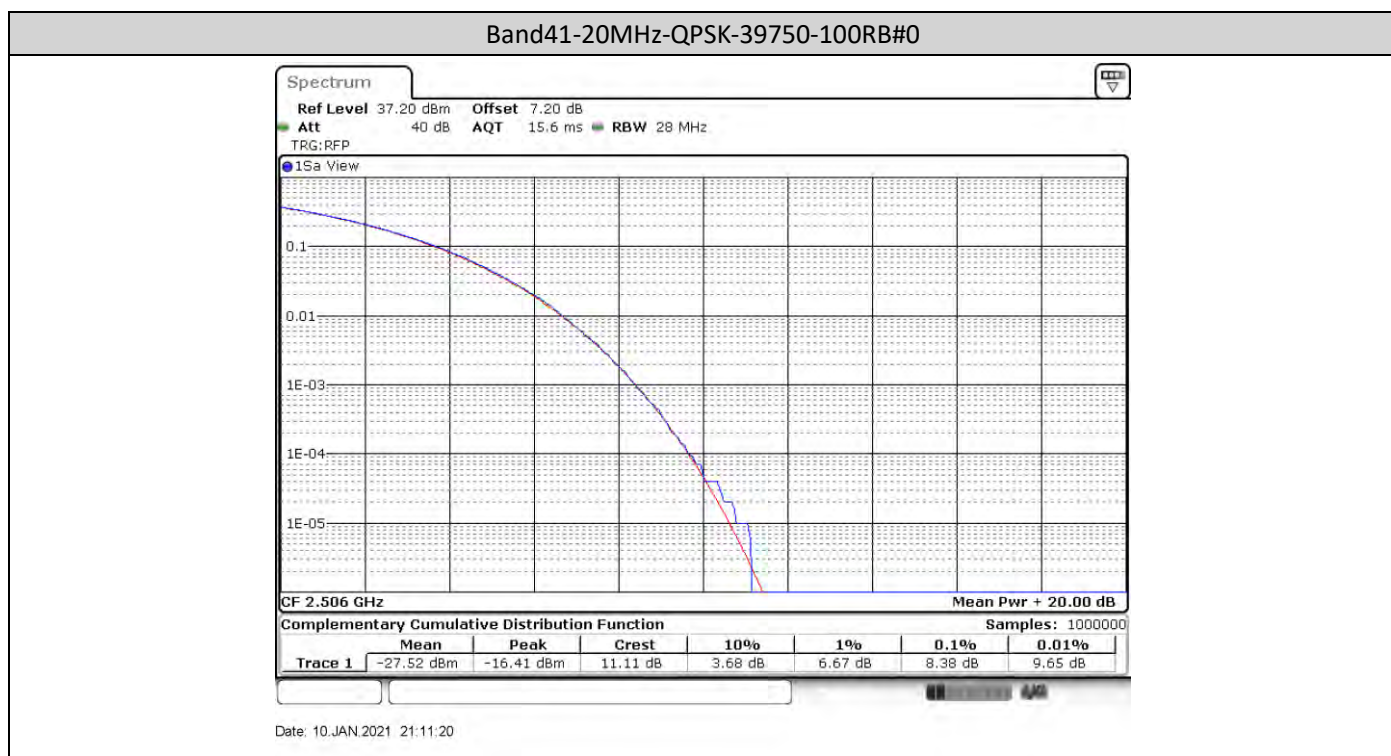


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	8.38	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.32	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.35	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	8.32	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.83	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.97	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.45	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.19	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.16	13	PASS

2.2. Test Plots

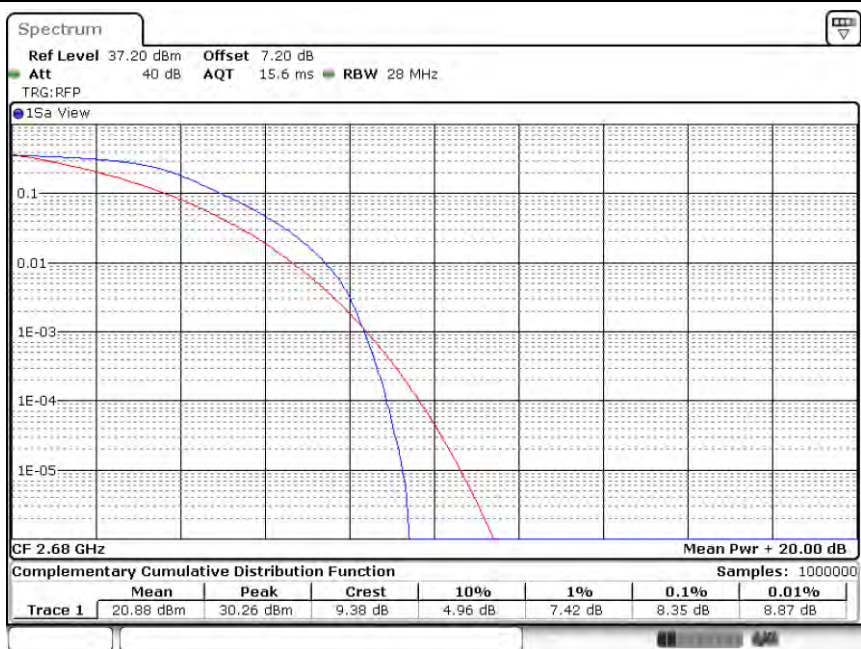


Band41-20MHz-QPSK-40620-100RB#0



Date: 10.JAN 2021 21:11:43

Band41-20MHz-QPSK-41490-100RB#0



Date: 10.JAN 2021 21:12:06



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.

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

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

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

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

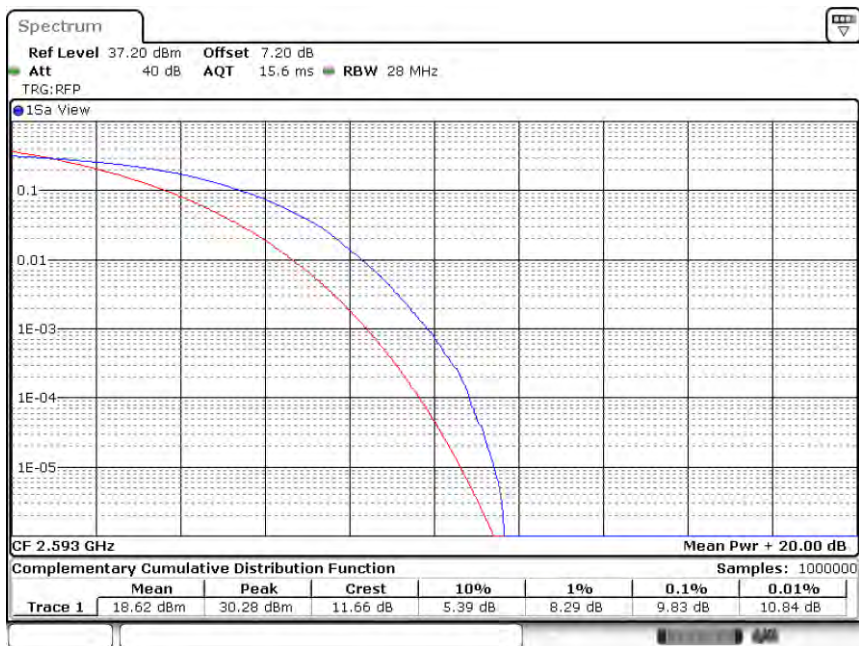


Band41-20MHz-64QAM-39750-100RB#0



Date: 11 JAN 2021 08:38:10

Band41-20MHz-64QAM-40620-100RB#0



Date: 11 JAN 2021 08:38:21

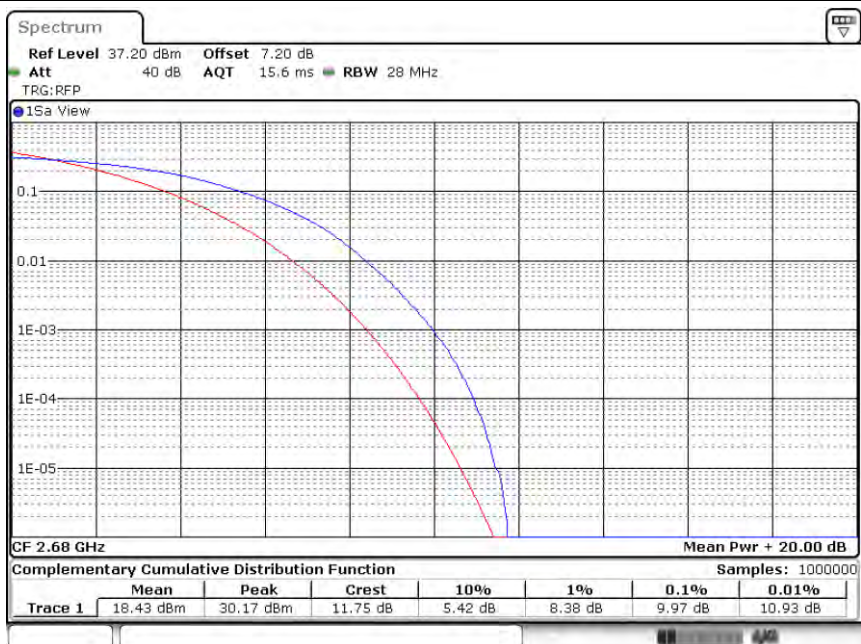


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

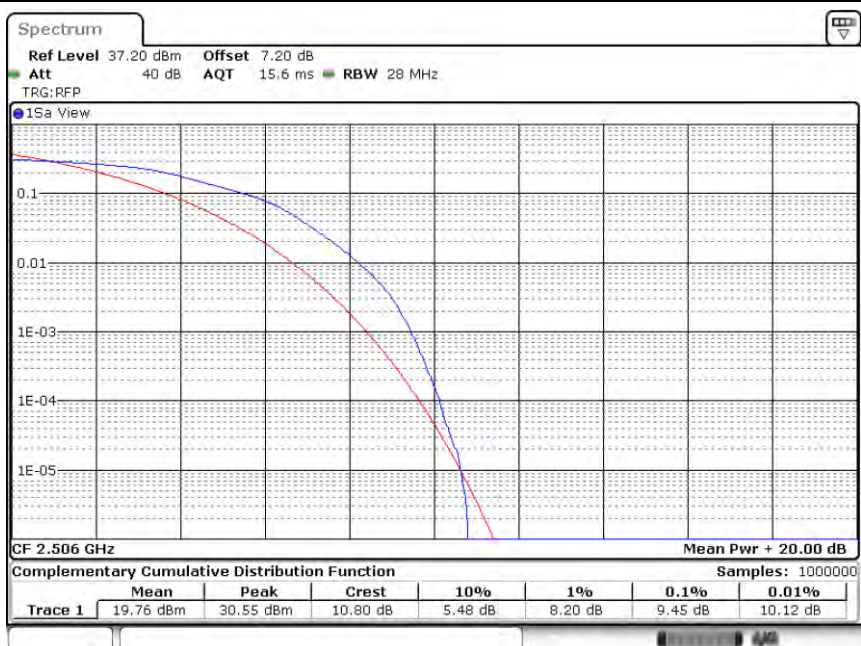


Band41-20MHz-64QAM-41490-100RB#0



Date: 11 JAN 2021 08:38:32

Band41-20MHz-16QAM-39750-100RB#0



Date: 10 JAN 2021 21:11:31



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-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



Band41-20MHz-16QAM-40620-100RB#0



Date: 10.JAN 2021 21:11:54

Band41-20MHz-16QAM-41490-100RB#0



Date: 10.JAN 2021 21:12:17

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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

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

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

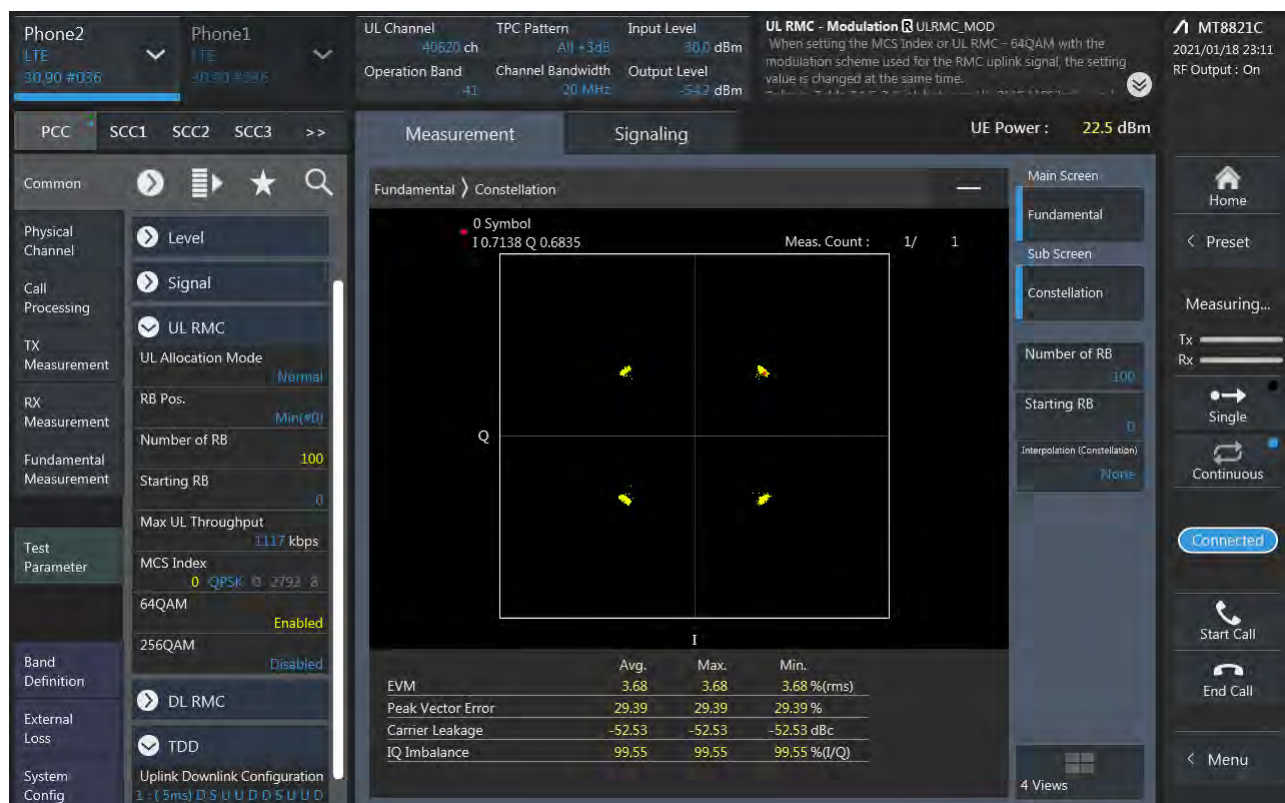
Member of the SGS Group (SGS SA)



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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.

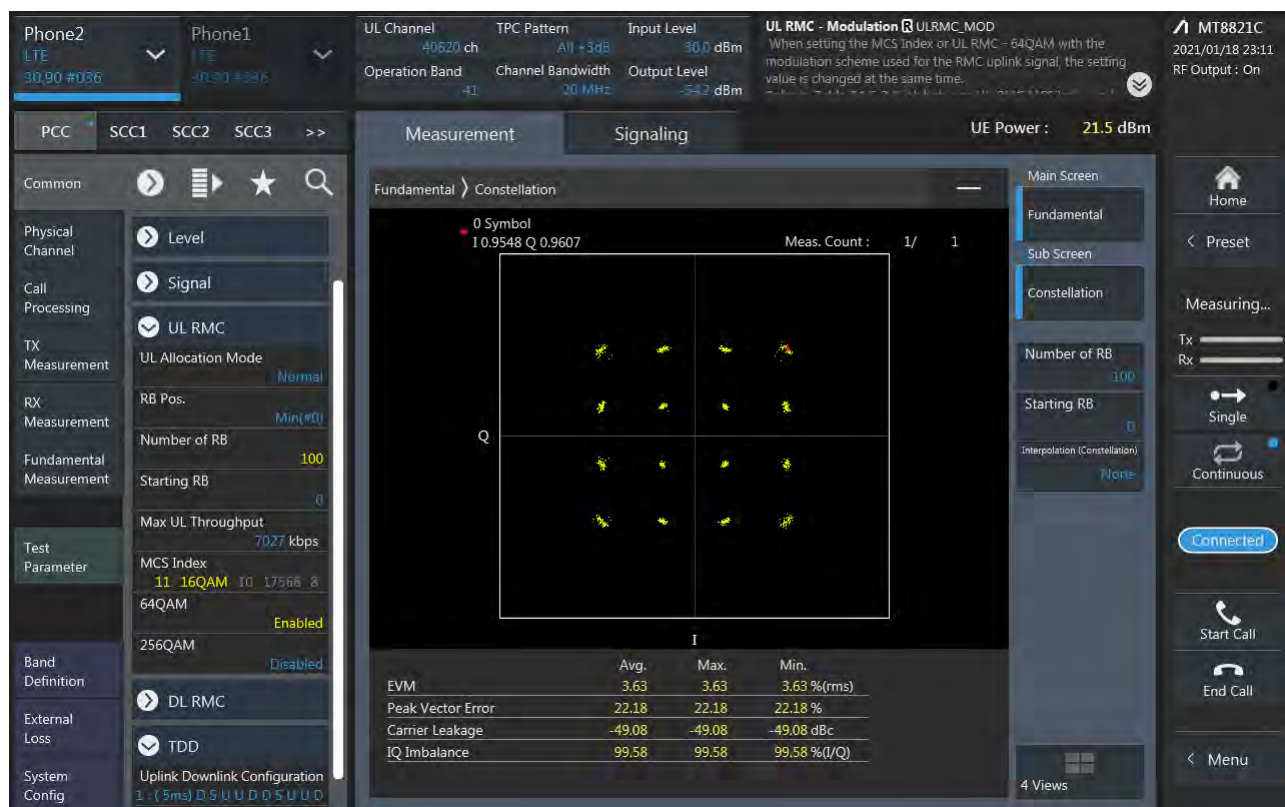
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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



3.2. Test Mode = LTE /TM2 20MHz

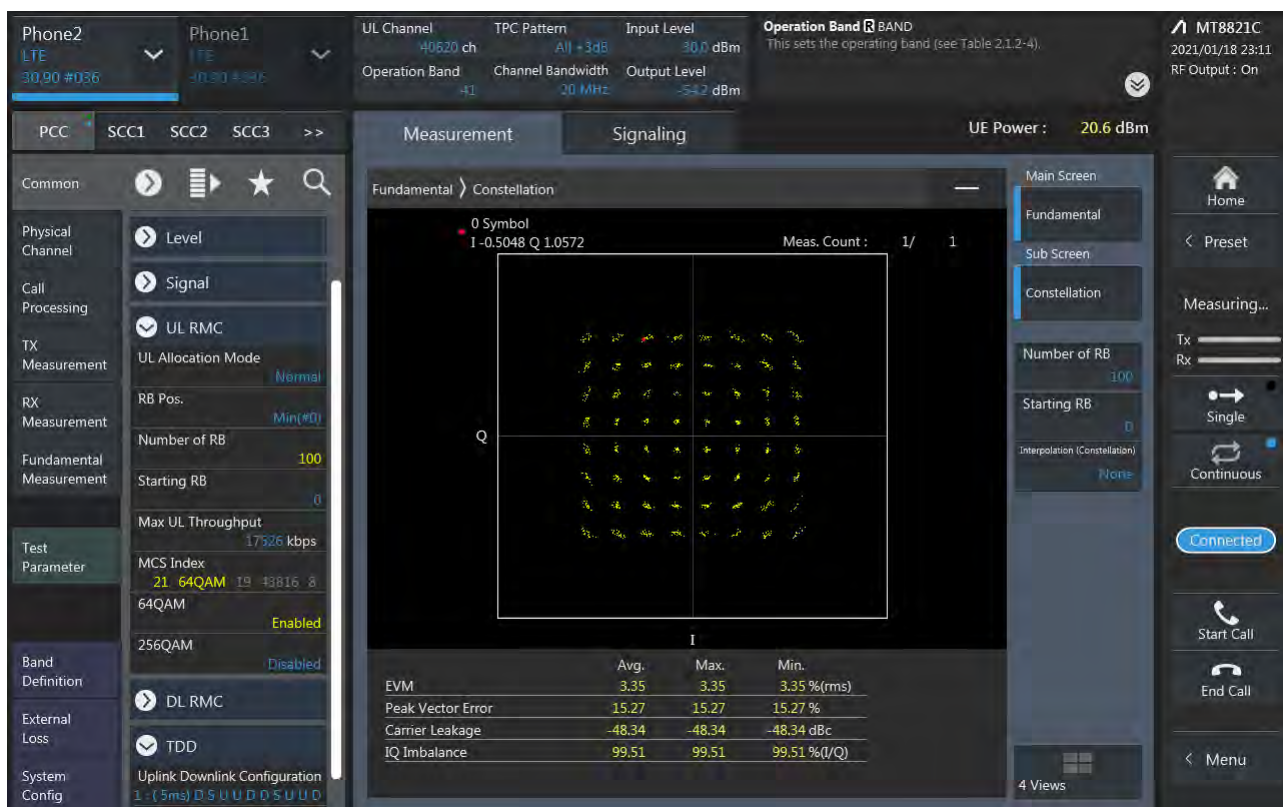
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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.

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

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



4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.466	4.930	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.466	4.950	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.476	4.950	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.486	5.030	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.466	4.870	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.476	5.050	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	5.010	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.486	4.910	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.505	5.030	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.911	9.720	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.911	9.660	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.911	9.660	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.951	9.860	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.951	9.700	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.931	9.860	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.911	9.720	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.931	9.760	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.931	9.700	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.487	15.780	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.487	15.840	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.487	15.750	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.457	15.390	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.487	16.230	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.457	15.030	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.457	16.950	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.487	15.540	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.457	16.860	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.822	19.360	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.902	21.760	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.942	21.360	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.822	19.360	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.

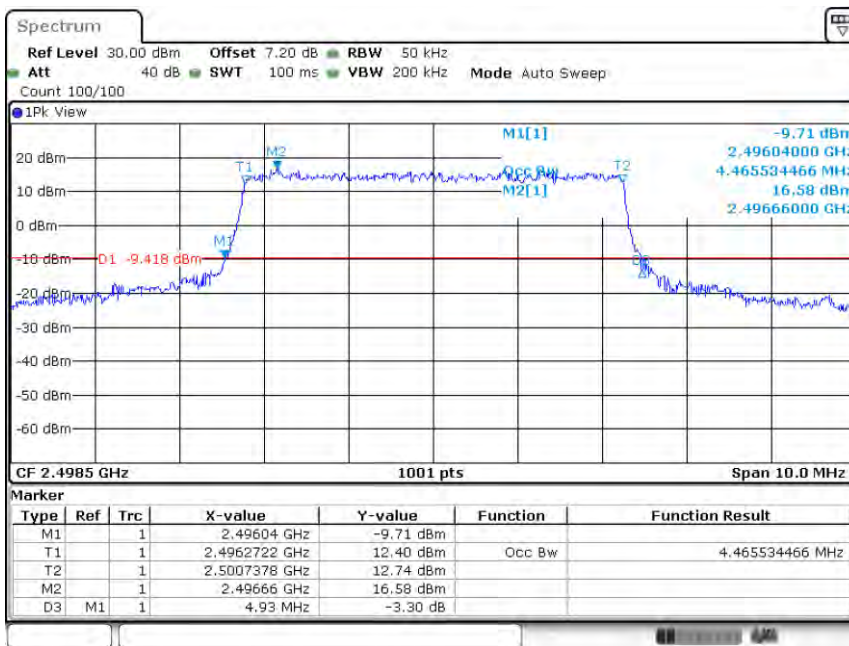
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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



Band41	20MHz	64QAM	40620	100RB#0	17.902	19.800	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.902	19.720	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.822	19.320	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.902	19.440	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.480	PASS

4.2. Test Plots

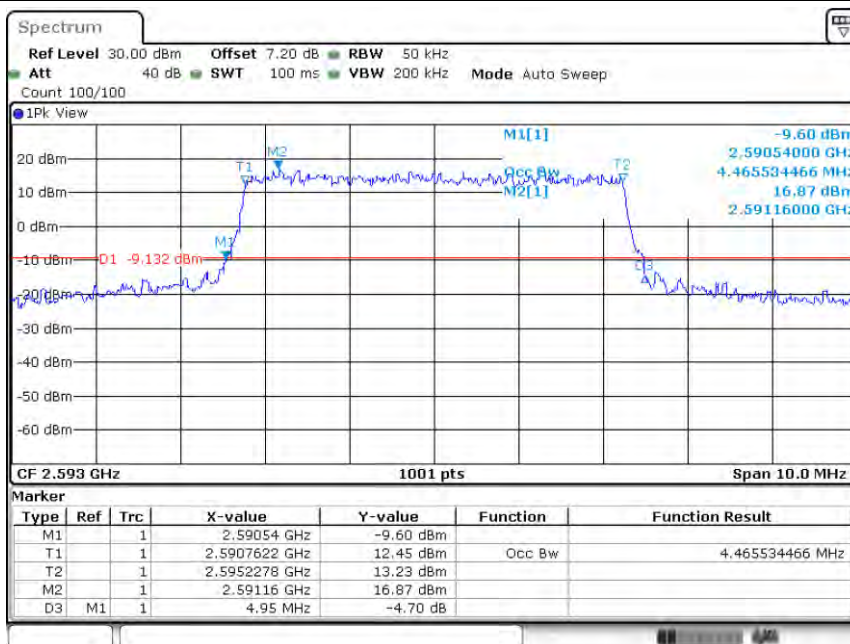
Band41-5MHz-QPSK-39675-25RB#0-4.466



Date: 10 JAN 2021 20:49:07

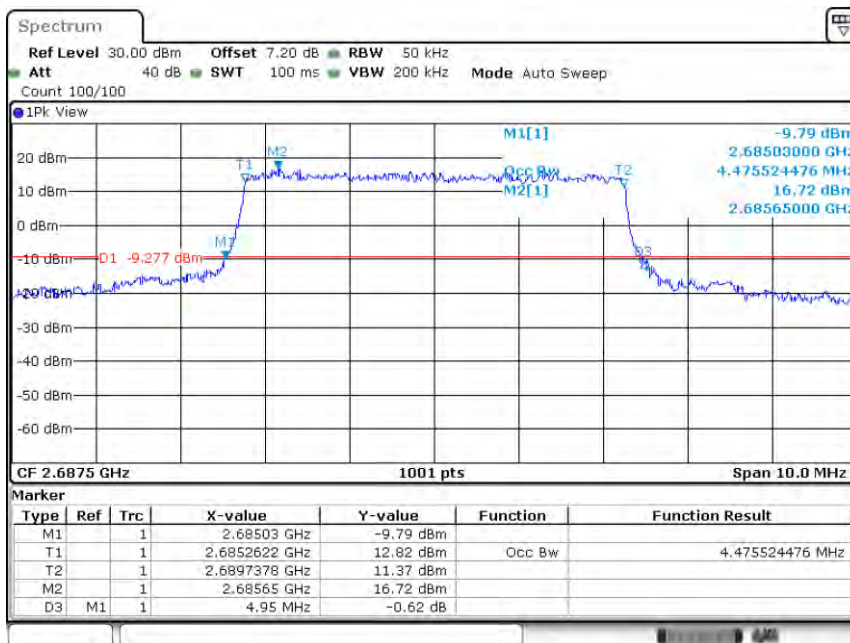


Band41-5MHz-QPSK-40620-25RB#0-4.466



Date: 10.JAN 2021 20:49:46

Band41-5MHz-QPSK-41565-25RB#0-4.476



Date: 10.JAN 2021 20:50:26

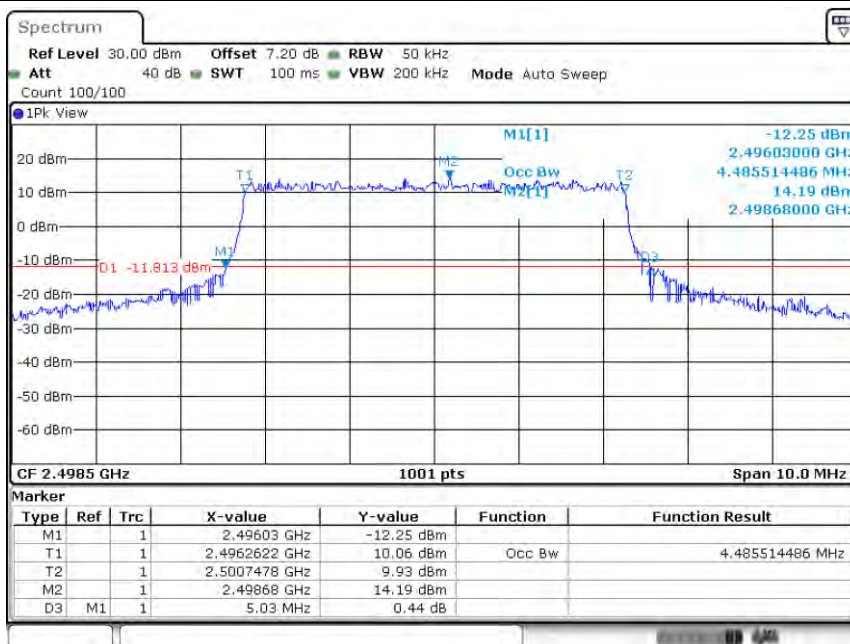


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

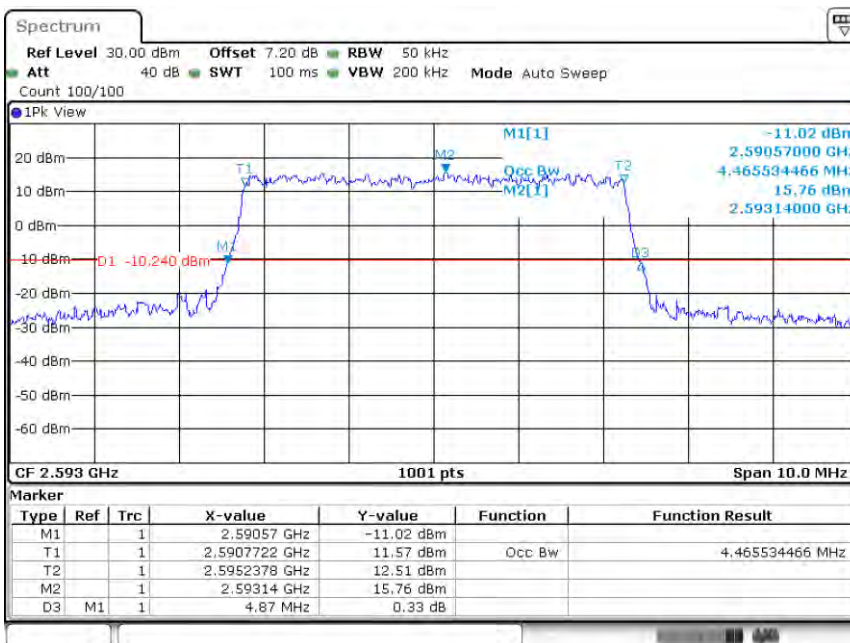


Band41-5MHz-64QAM-39675-25RB#0-4.486



Date: 11.JAN 2021 08:24:41

Band41-5MHz-64QAM-40620-25RB#0-4.486



Date: 27.JAN 2021 14:37:03

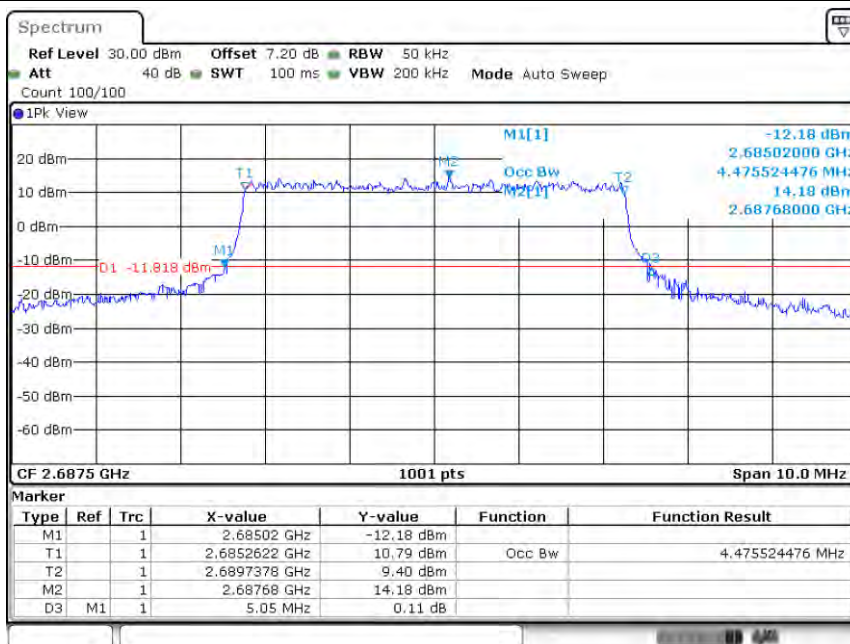


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

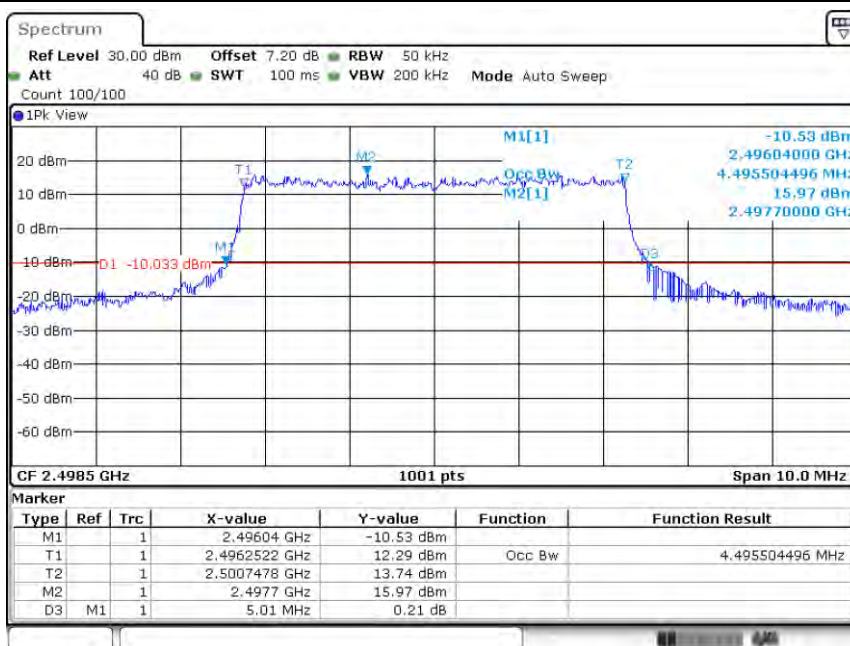


Band41-5MHz-64QAM-41565-25RB#0-4.476



Date: 11.JAN.2021 08:25:21

Band41-5MHz-16QAM-39675-25RB#0-4.496



Date: 10.JAN.2021 20:49:26

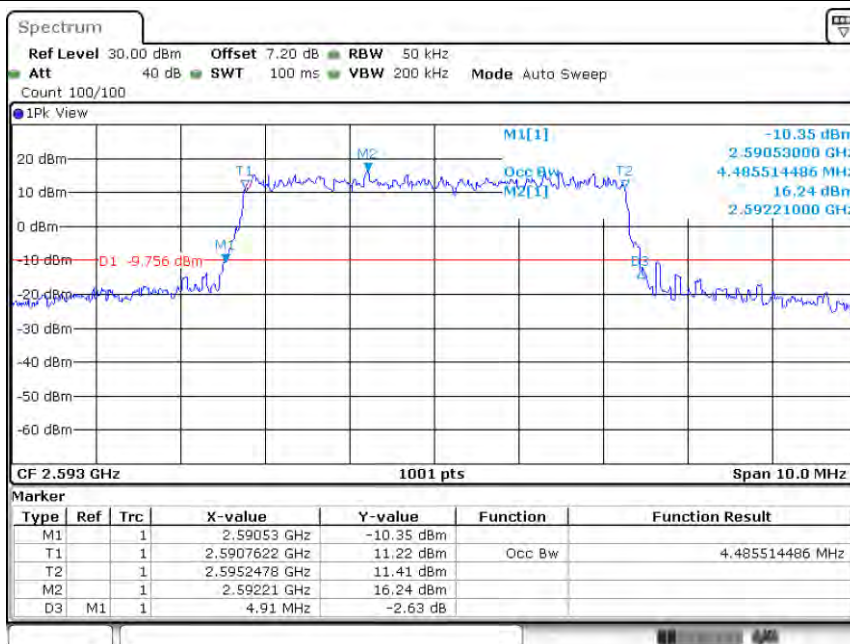


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

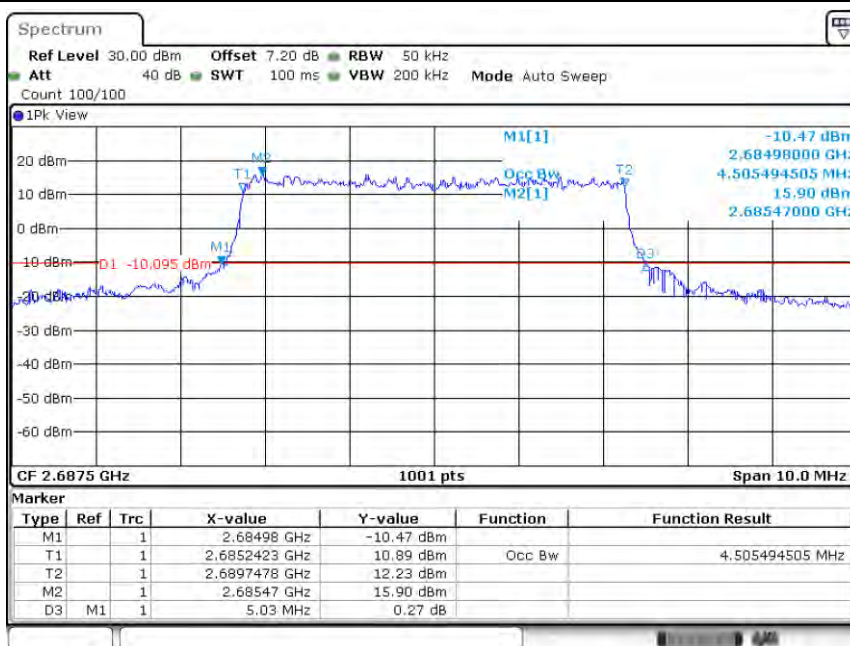


Band41-5MHz-16QAM-40620-25RB#0-4.486



Date: 10.JAN.2021 20:50:06

Band41-5MHz-16QAM-41565-25RB#0-4.505



Date: 10.JAN.2021 20:50:46

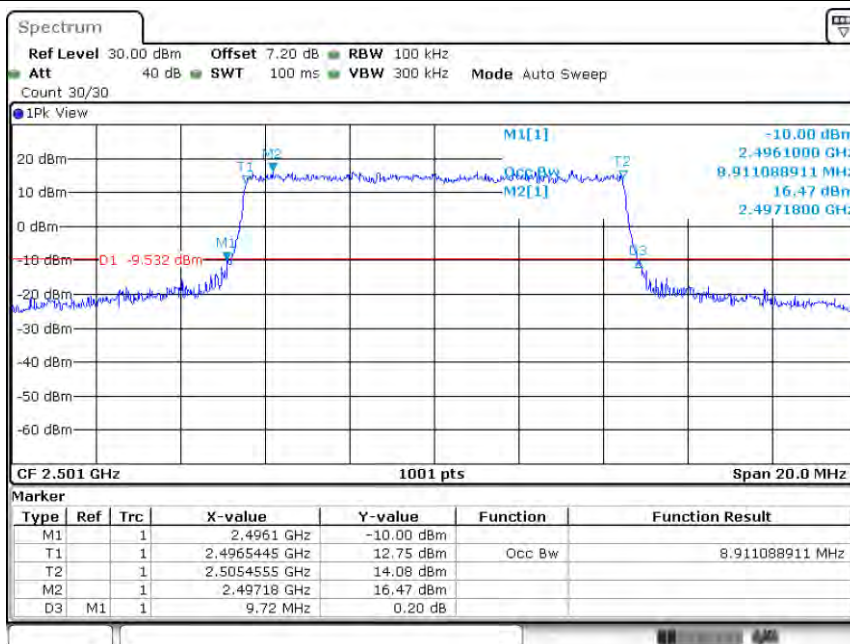


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

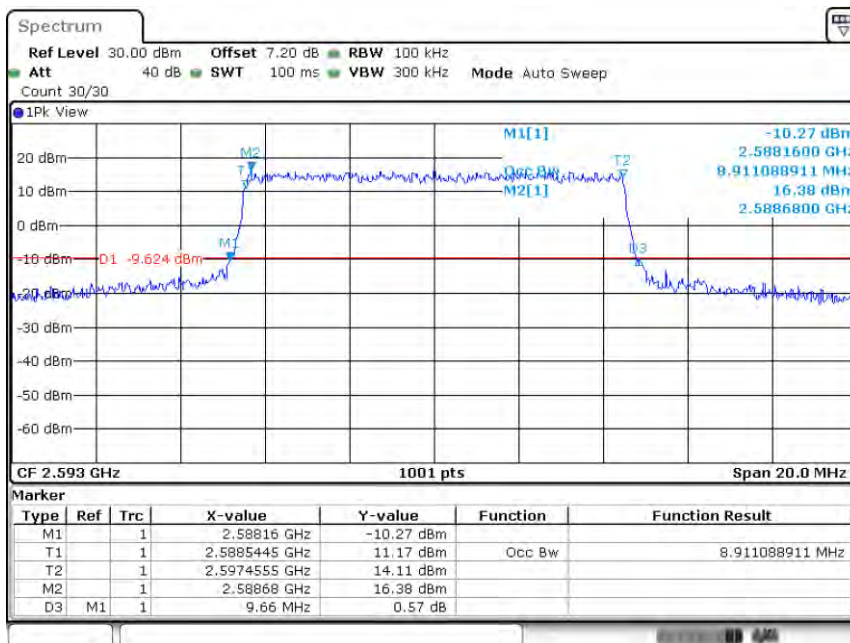


Band41-10MHz-QPSK-39700-50RB#0-8.911



Date: 10.JAN.2021 20:51:03

Band41-10MHz-QPSK-40620-50RB#0-8.911



Date: 10.JAN.2021 20:51:29



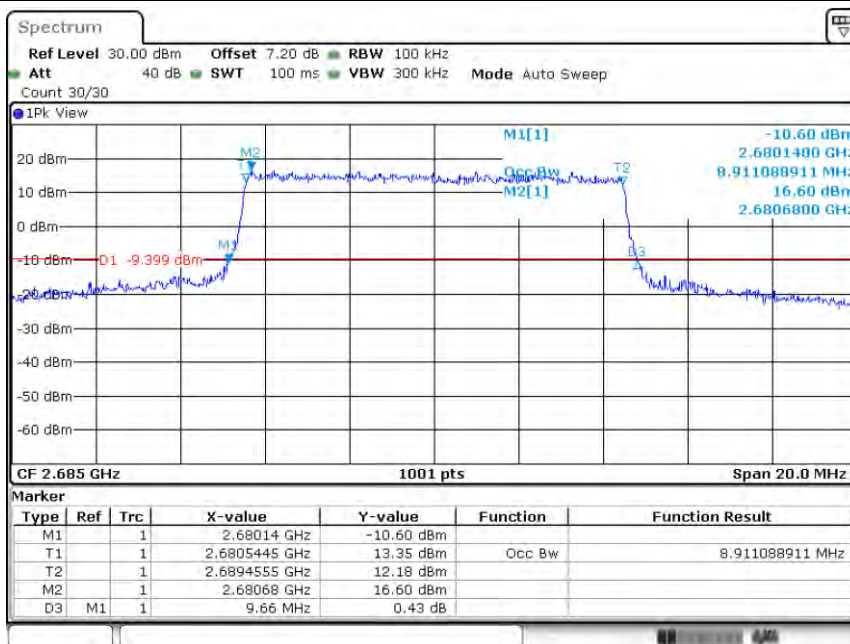
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

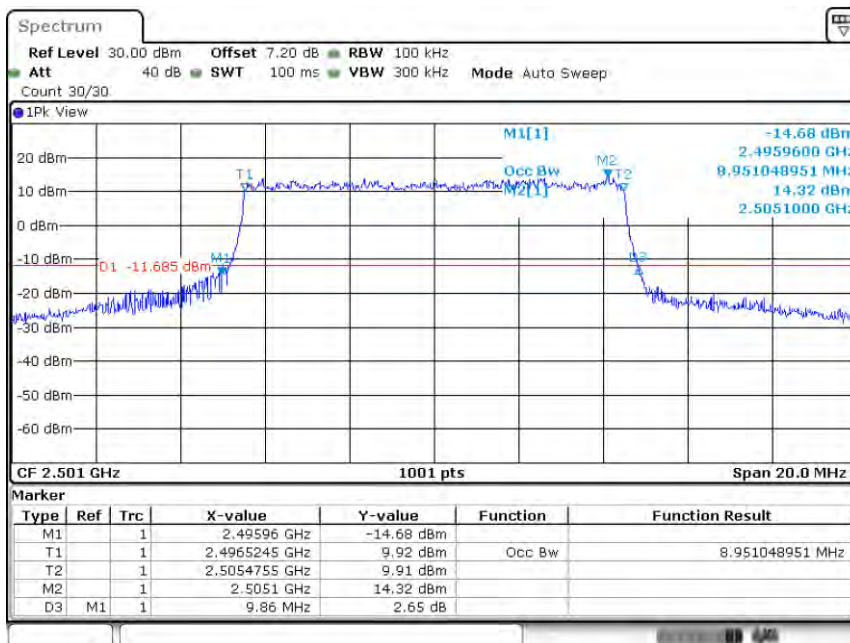


Band41-10MHz-QPSK-41540-50RB#0-8.911



Date: 10.JAN.2021 20:51:54

Band41-10MHz-64QAM-39700-50RB#0-8.951



Date: 11.JAN.2021 08:25:39



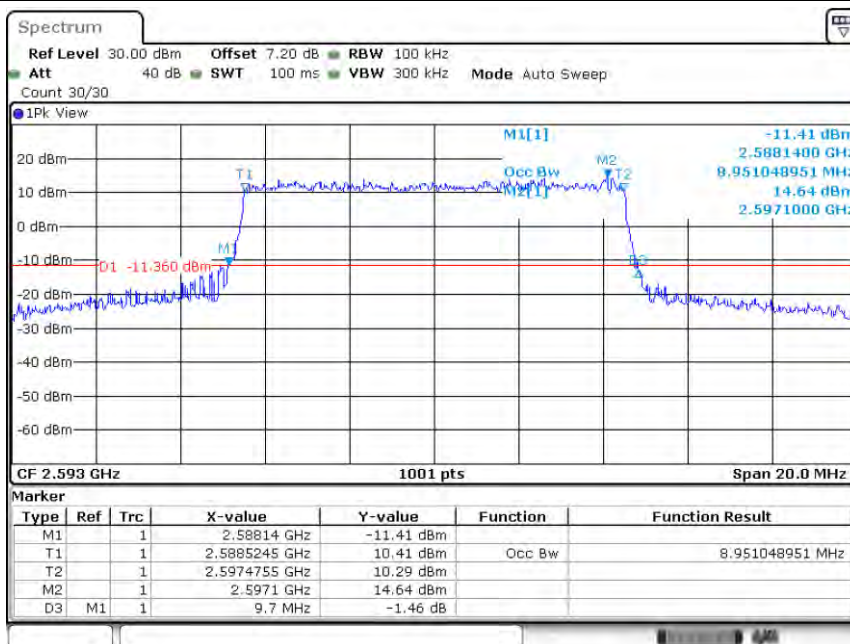
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

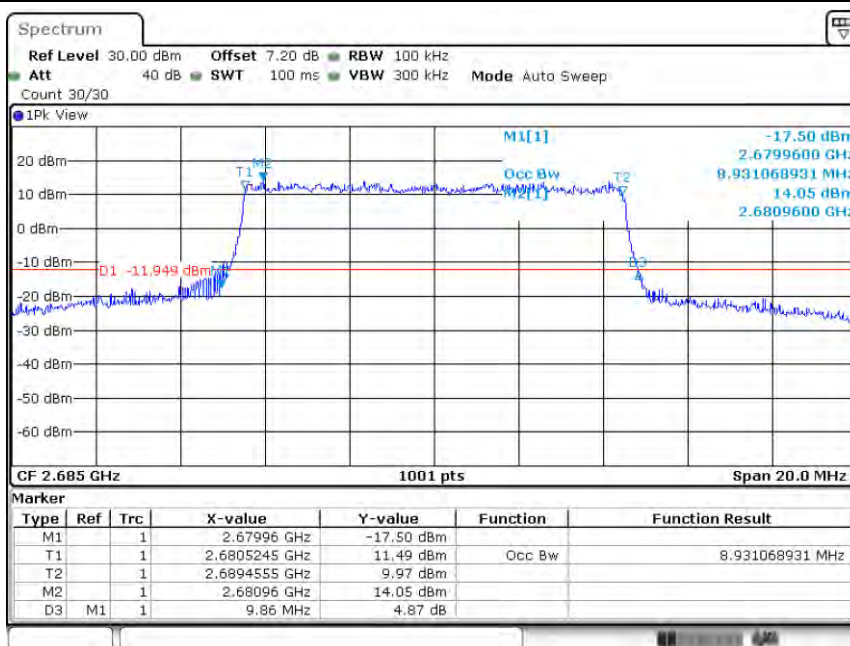
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band41-10MHz-64QAM-40620-50RB#0-8.951



Date: 11.JAN.2021 08:25:52

Band41-10MHz-64QAM-41540-50RB#0-8.931



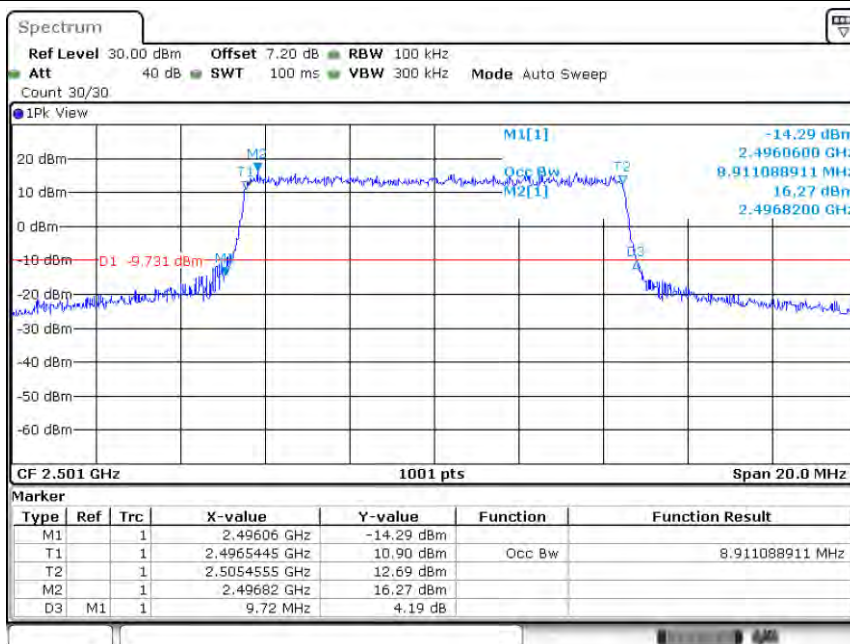
Date: 11.JAN.2021 08:26:05



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.

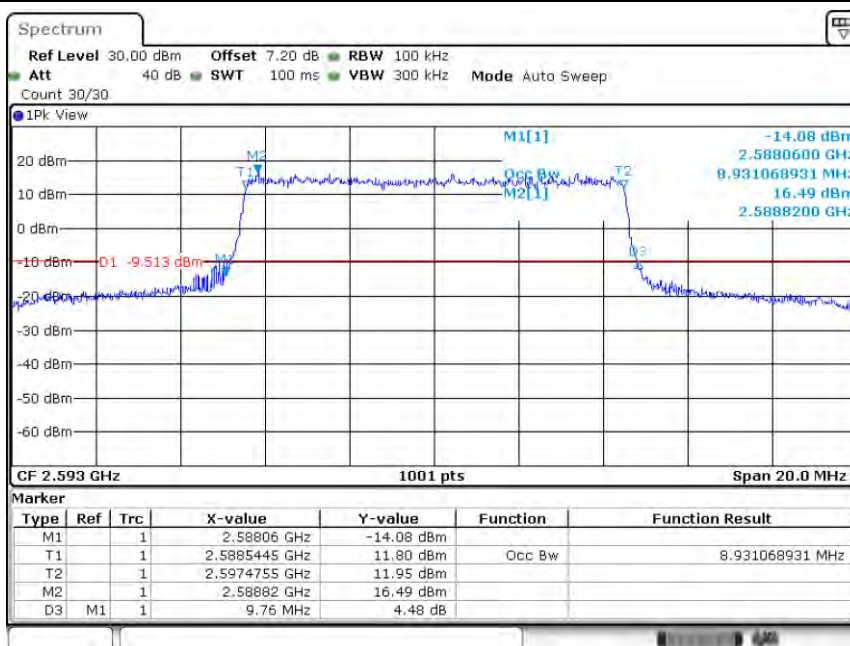
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band41-10MHz-16QAM-39700-50RB#0-8.911



Date: 10.JAN.2021 20:51:16

Band41-10MHz-16QAM-40620-50RB#0-8.931



Date: 10.JAN.2021 20:51:41



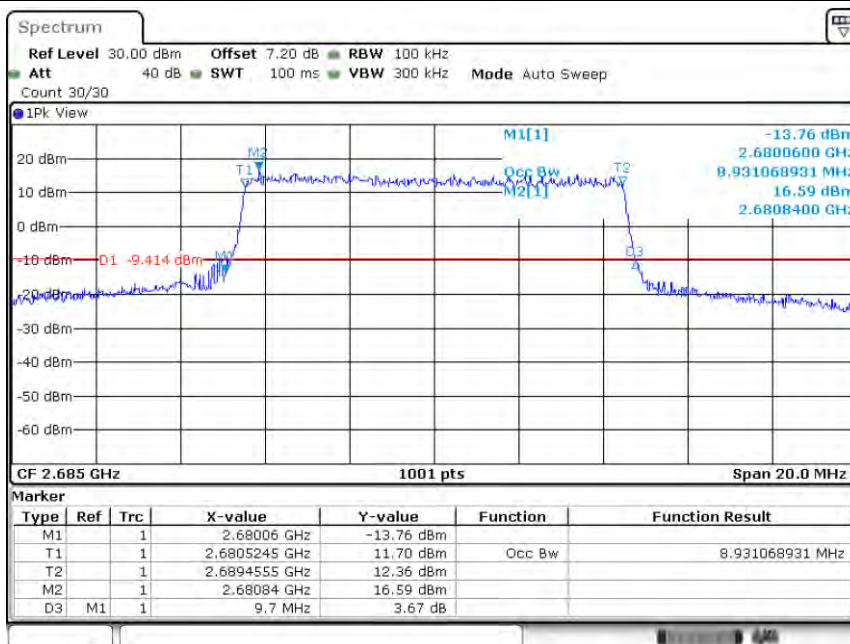
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

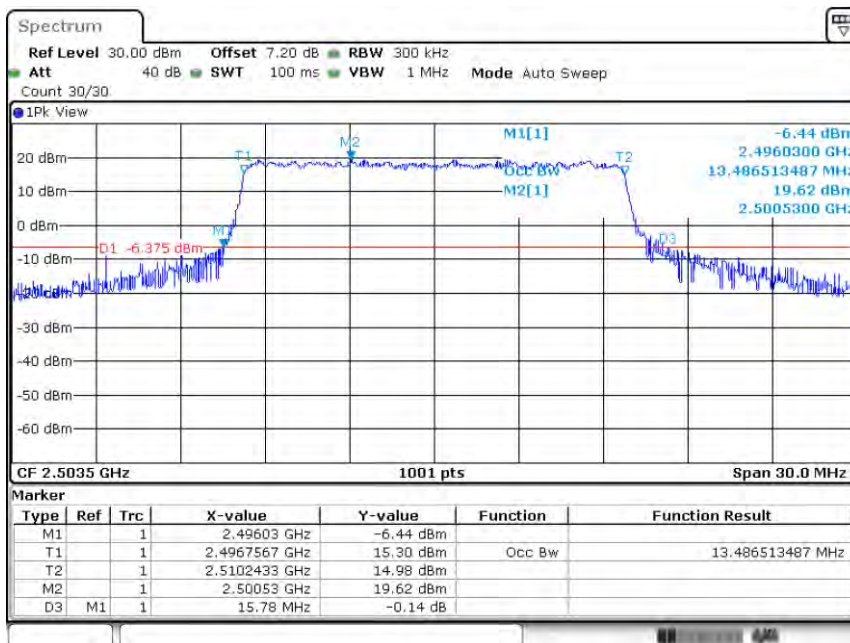


Band41-10MHz-16QAM-41540-50RB#0-8.931



Date: 10.JAN 2021 20:52:07

Band41-15MHz-QPSK-39725-75RB#0-13.487



Date: 10.JAN 2021 20:52:24



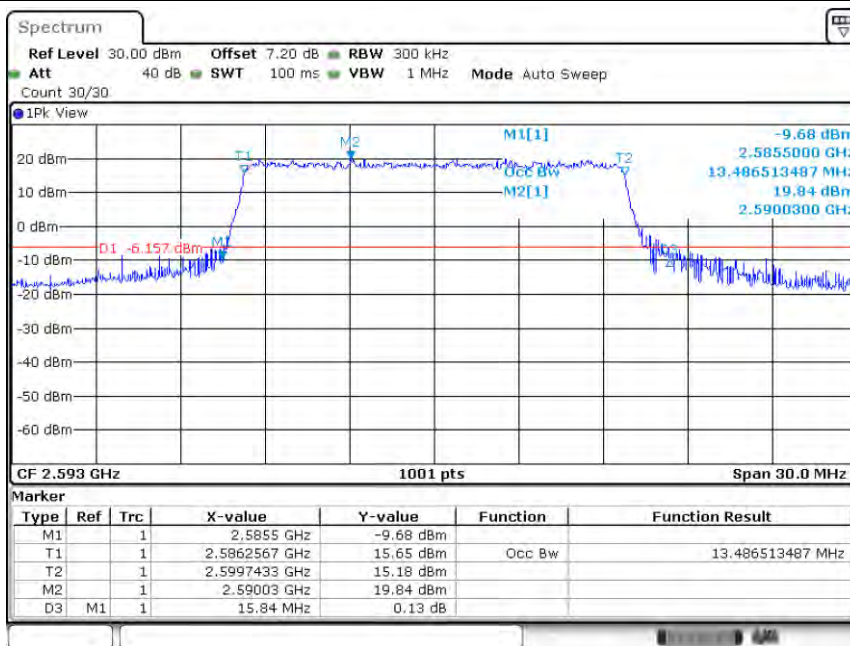
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

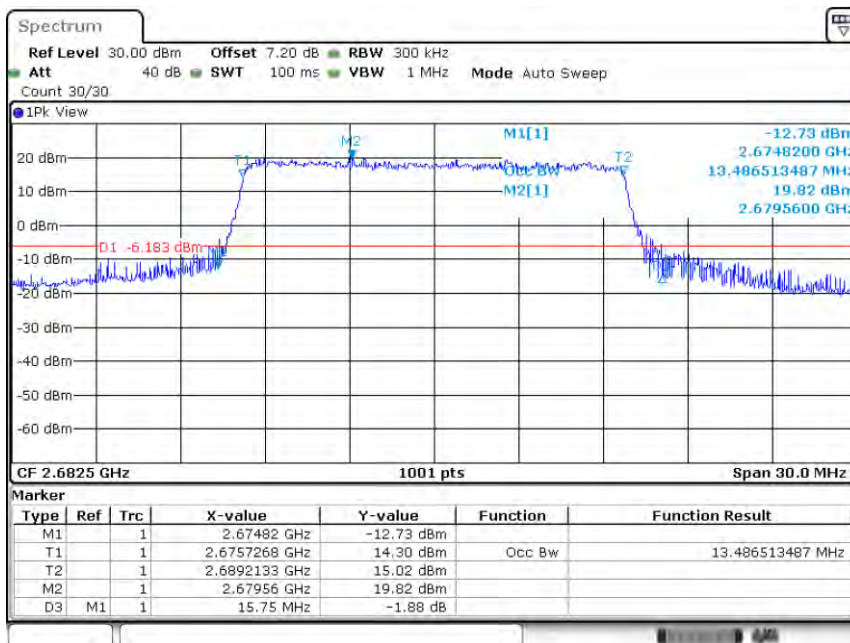


Band41-15MHz-QPSK-40620-75RB#0-13.487



Date: 10.JAN.2021 20:52:50

Band41-15MHz-QPSK-41515-75RB#0-13.487



Date: 10.JAN.2021 20:53:16



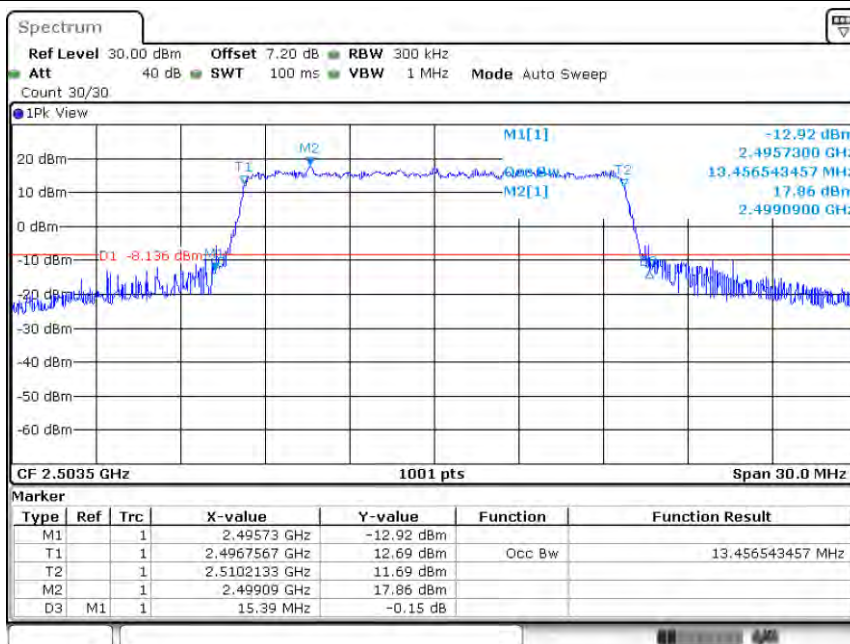
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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 herein 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

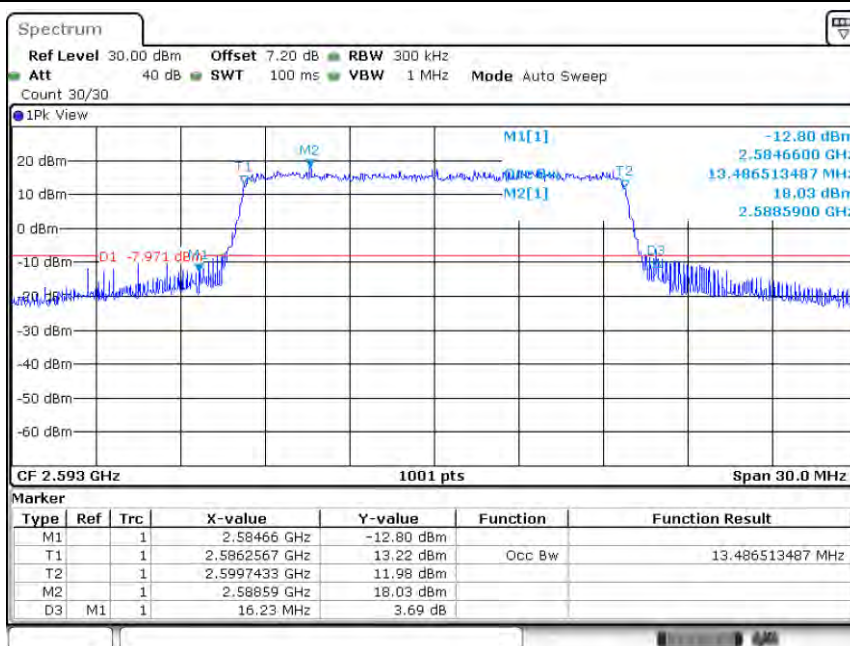


Band41-15MHz-64QAM-39725-75RB#0-13.457



Date: 11.JAN.2021 08:26:22

Band41-15MHz-64QAM-40620-75RB#0-13.487

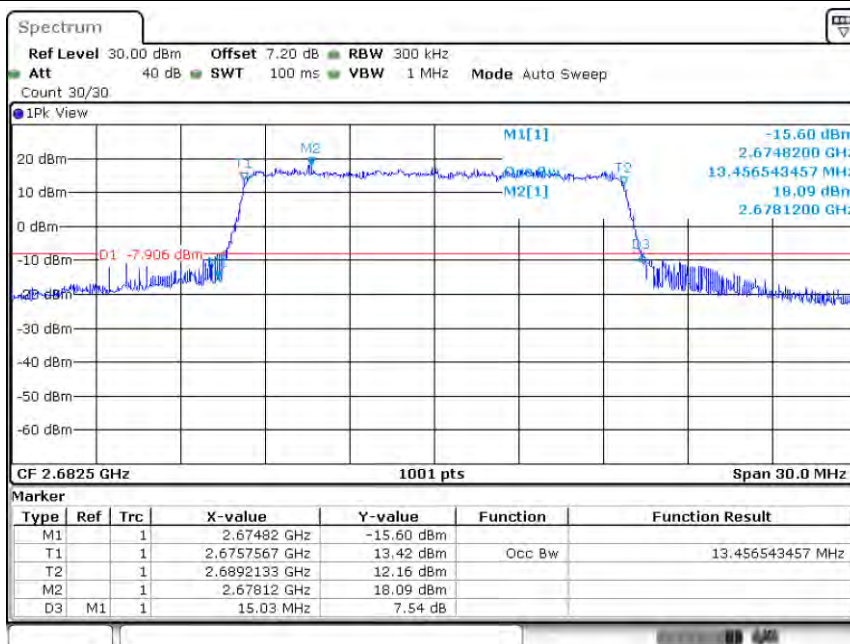


Date: 11.JAN.2021 08:26:35



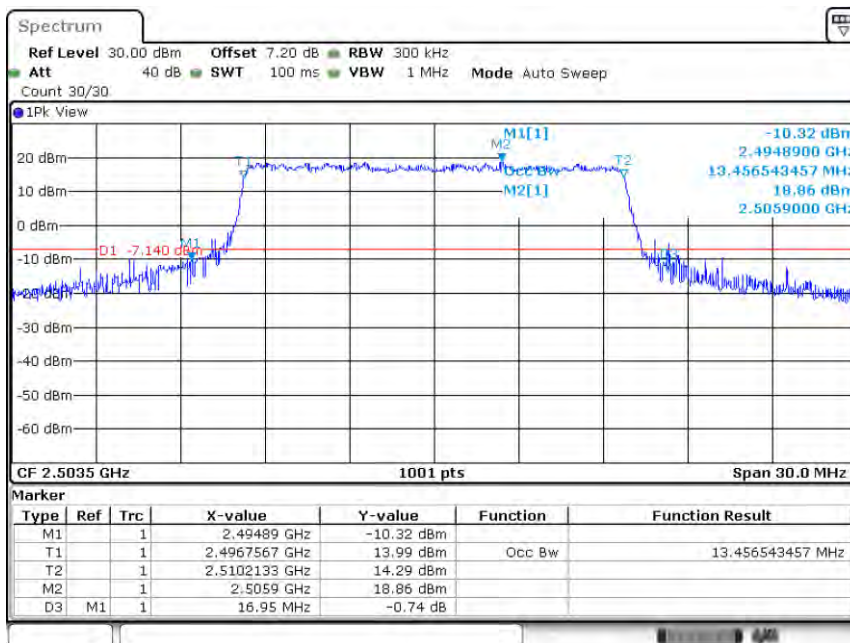


Band41-15MHz-64QAM-41515-75RB#0-13.457



Date: 11.JAN.2021 08:26:48

Band41-15MHz-16QAM-39725-75RB#0-13.457



Date: 10.JAN.2021 20:52:37

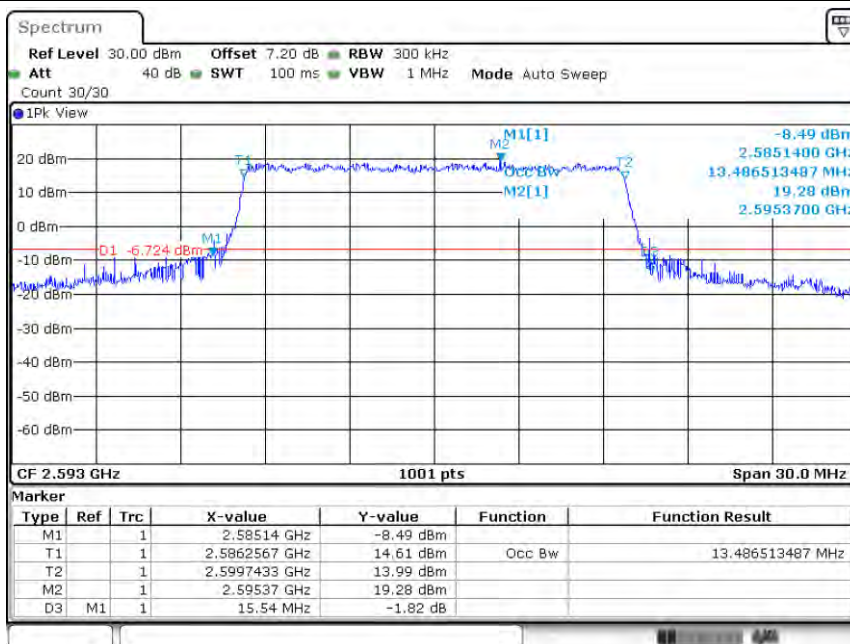


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

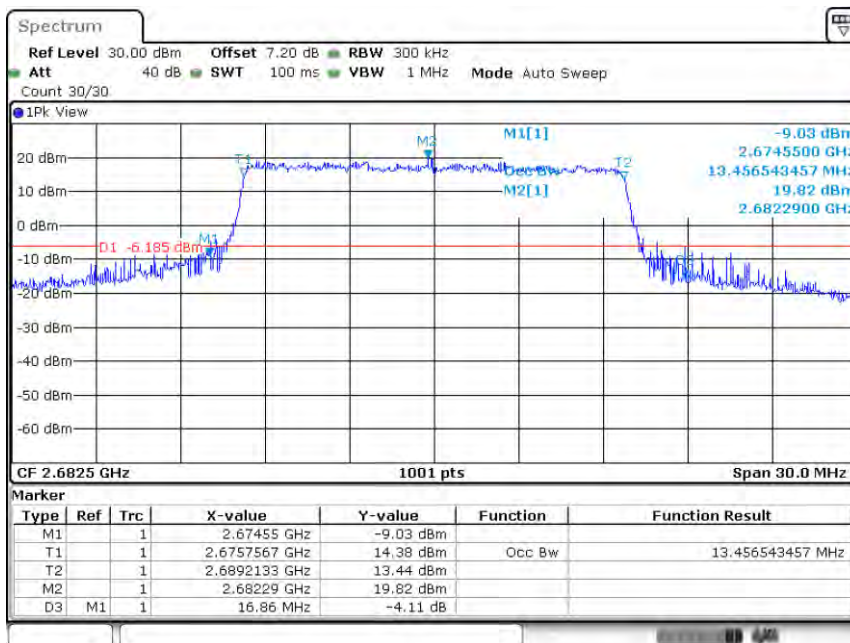


Band41-15MHz-16QAM-40620-75RB#0-13.487



Date: 10.JAN 2021 20:53:03

Band41-15MHz-16QAM-41515-75RB#0-13.457



Date: 10.JAN 2021 20:53:28

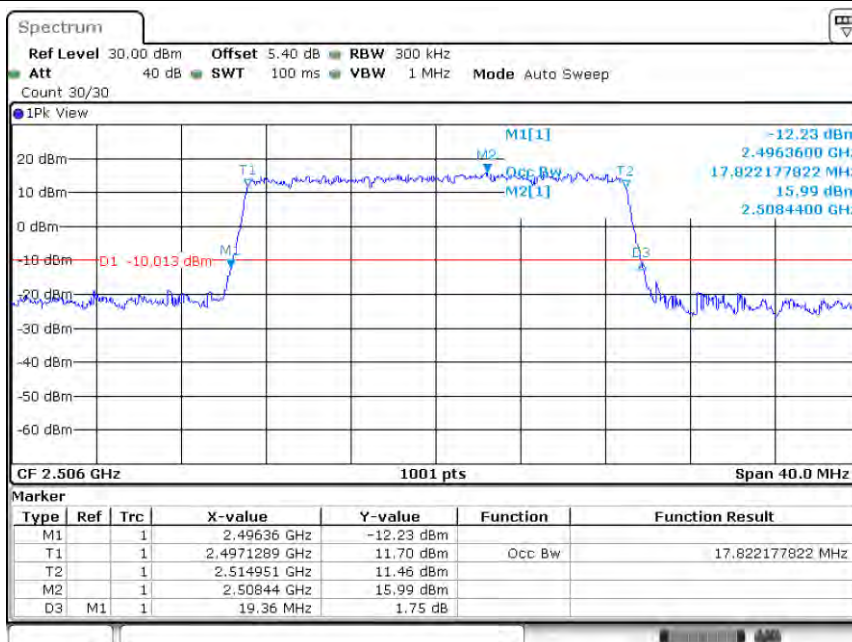


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

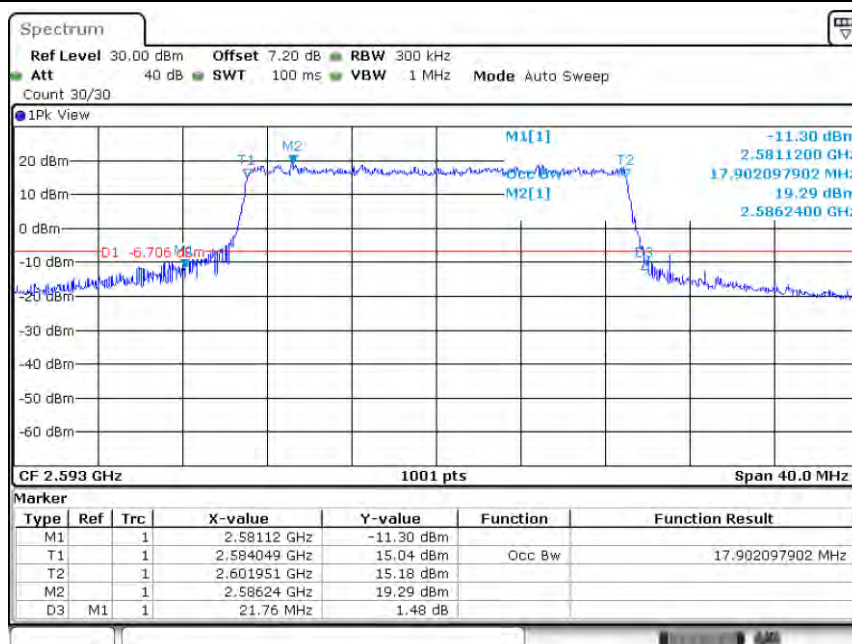


Band41-20MHz-QPSK-39750-100RB#0-17.822



Date: 27.JAN.2021 13:55:10

Band41-20MHz-QPSK-40620-100RB#0-17.902



Date: 10.JAN.2021 20:54:12



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-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.

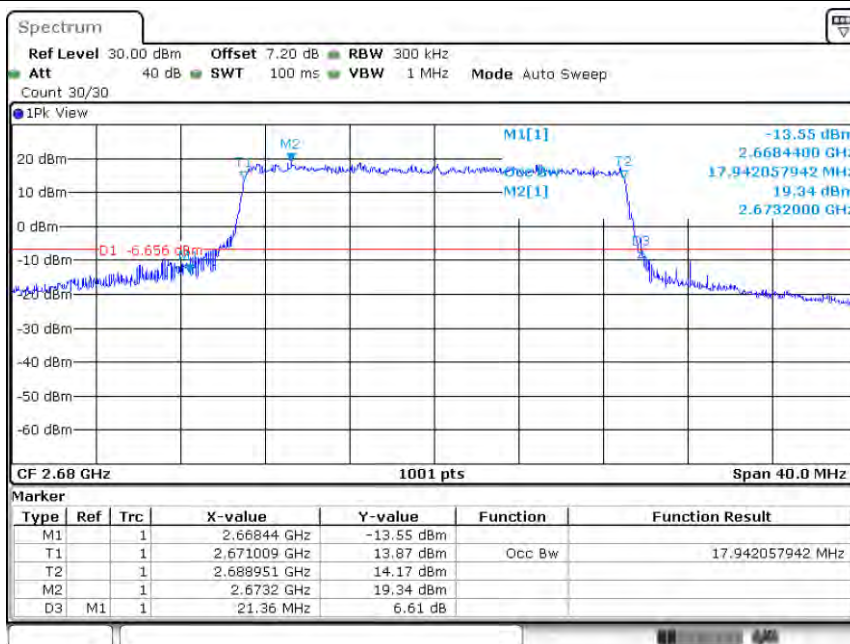
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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)

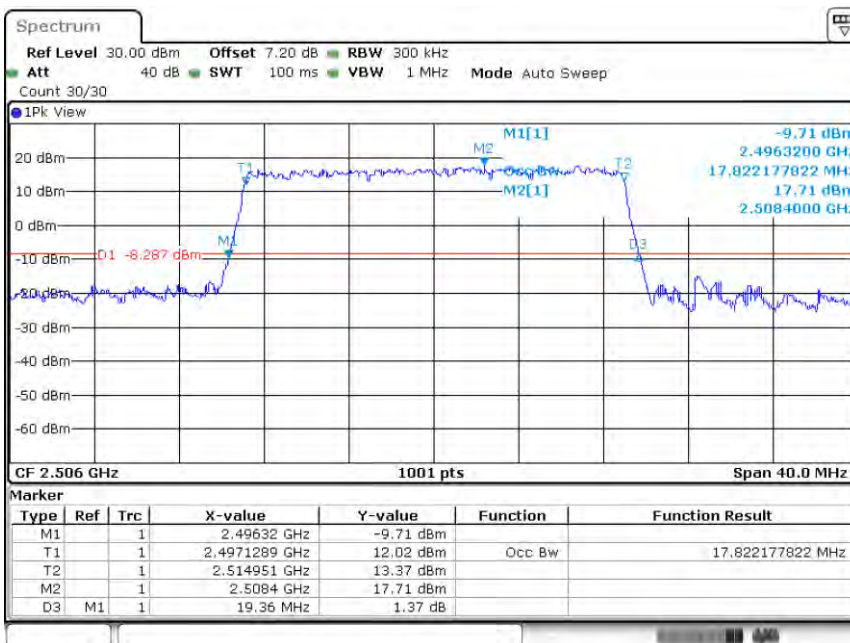


Band41-20MHz-QPSK-41490-100RB#0-17.942



Date: 10.JAN 2021 20:54:42

Band41-20MHz-64QAM-39750-100RB#0-17.942



Date: 27.JAN 2021 14:39:07

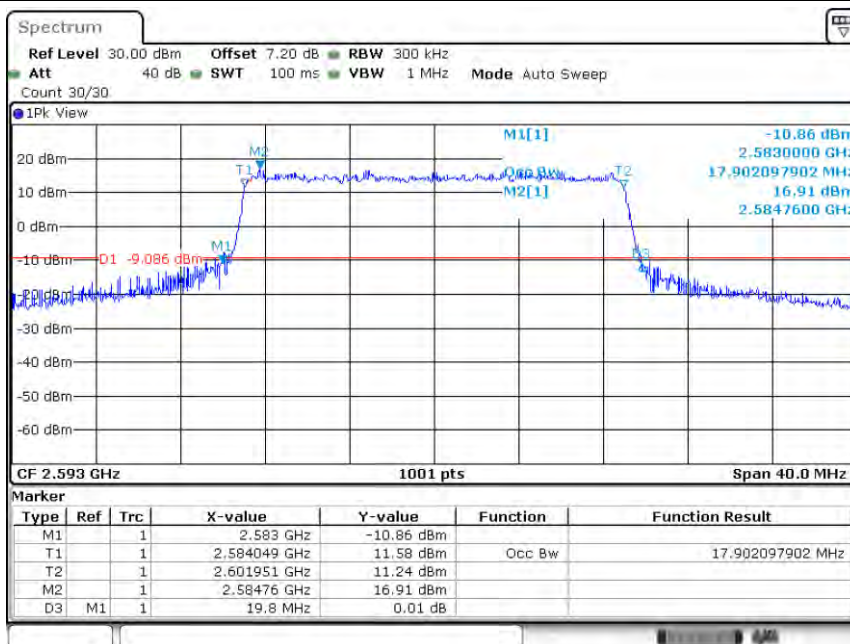


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

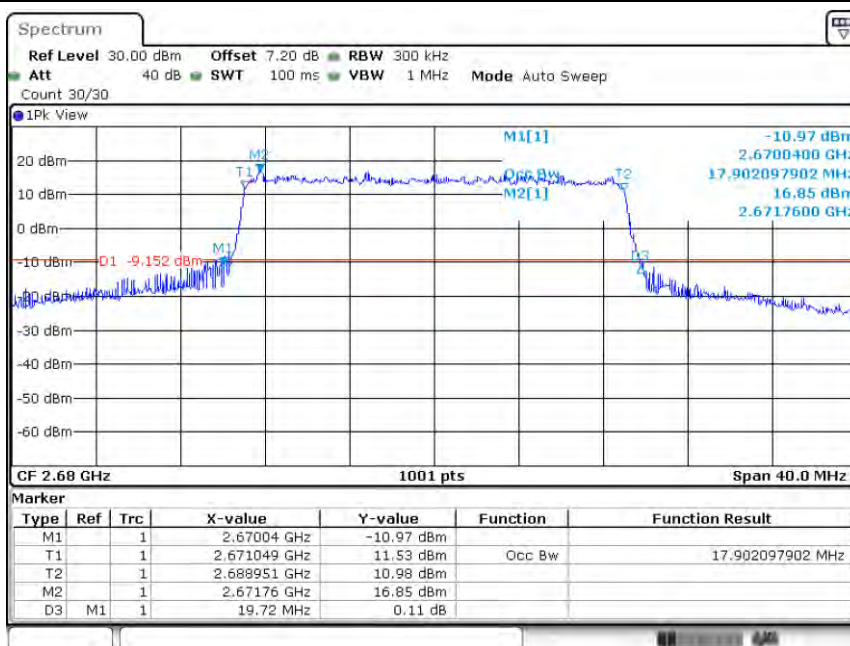


Band41-20MHz-64QAM-40620-100RB#0-17.902



Date: 11.JAN.2021 08:27:19

Band41-20MHz-64QAM-41490-100RB#0-17.902

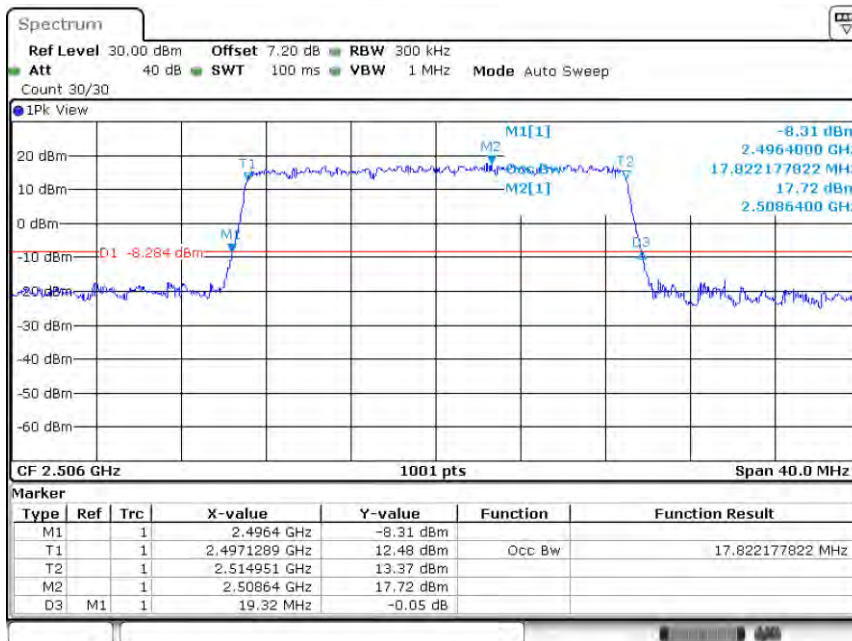


Date: 11.JAN.2021 08:27:32



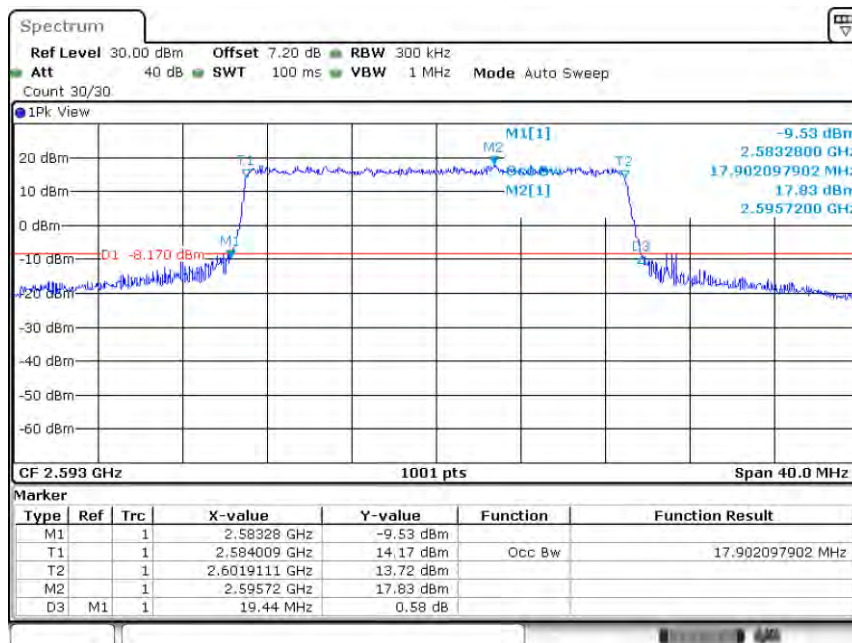


Band41-20MHz-16QAM-39750-100RB#0-17.822



Date: 27.JAN.2021 14:14:49

Band41-20MHz-16QAM-40620-100RB#0-17.902

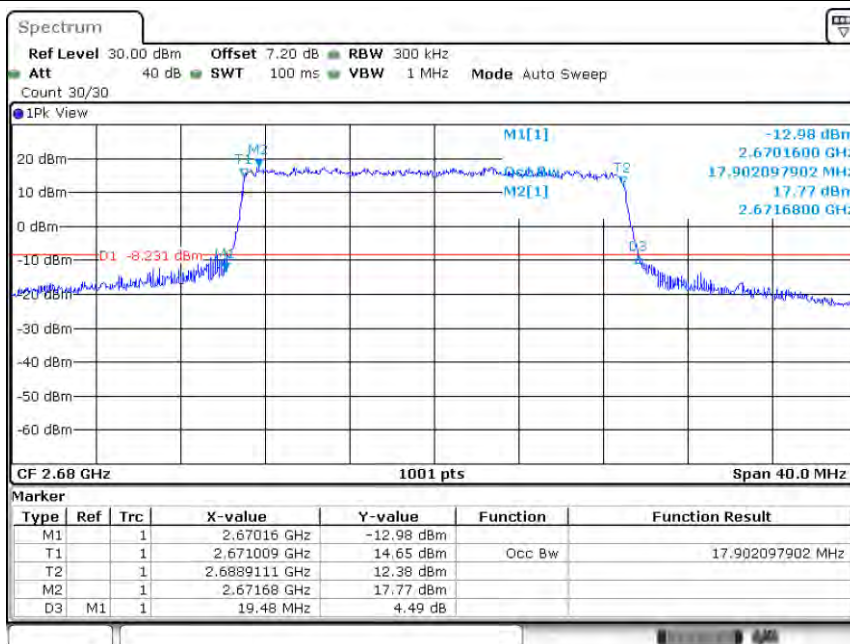


Date: 10.JAN.2021 20:54:29





Band41-20MHz-16QAM-41490-100RB#0-17.902



Date: 10.JAN 2021 20:54:54



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

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

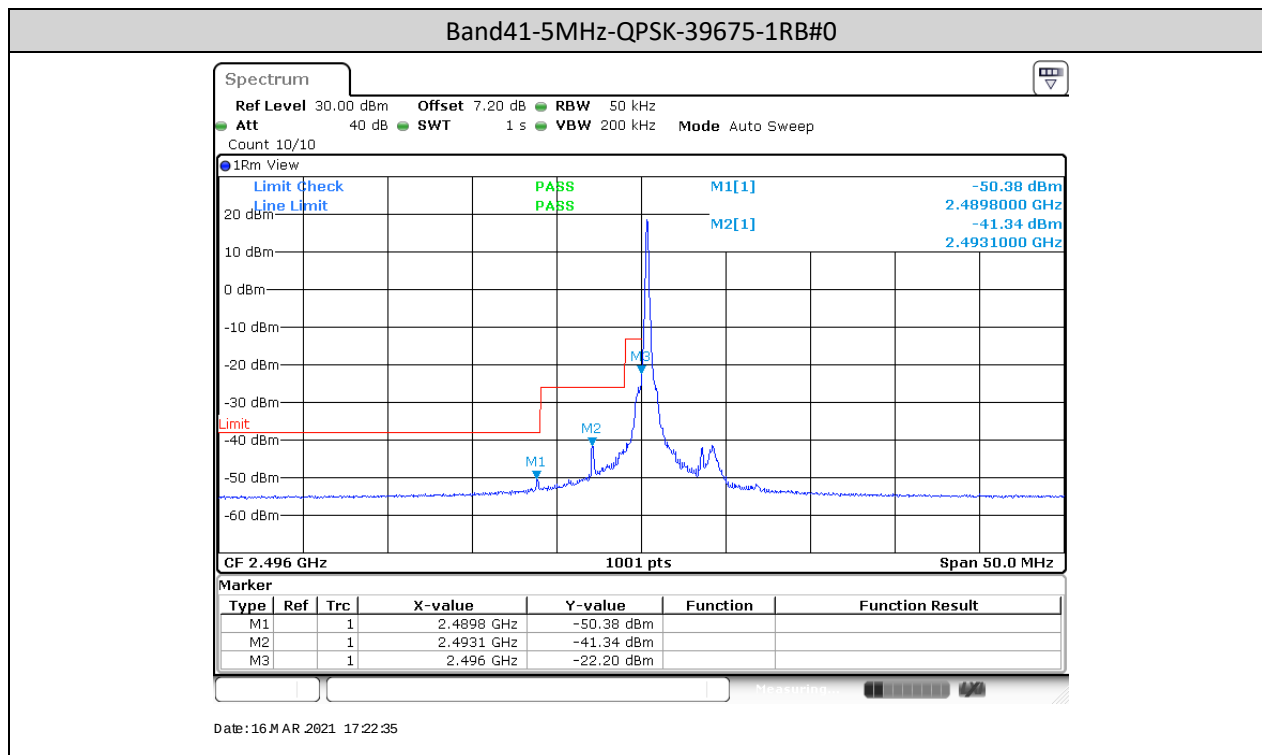
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



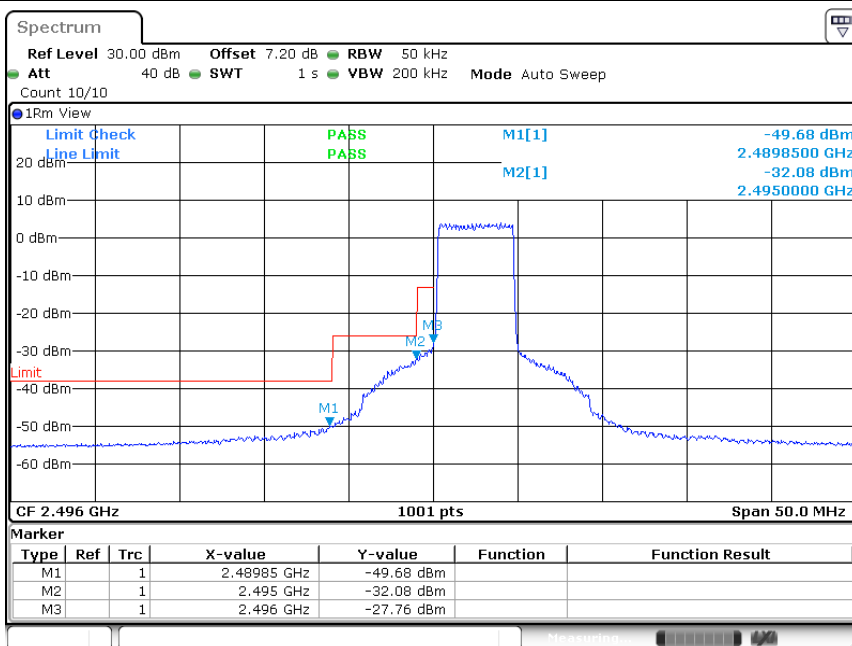
5. Band Edge Compliance

5.1. Test Plots

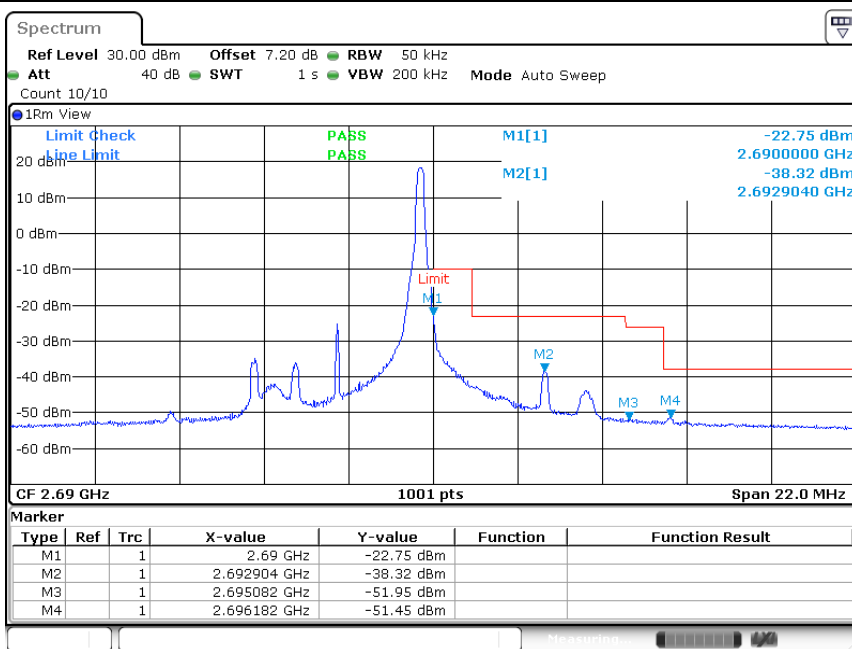




Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-41565-1RB#24



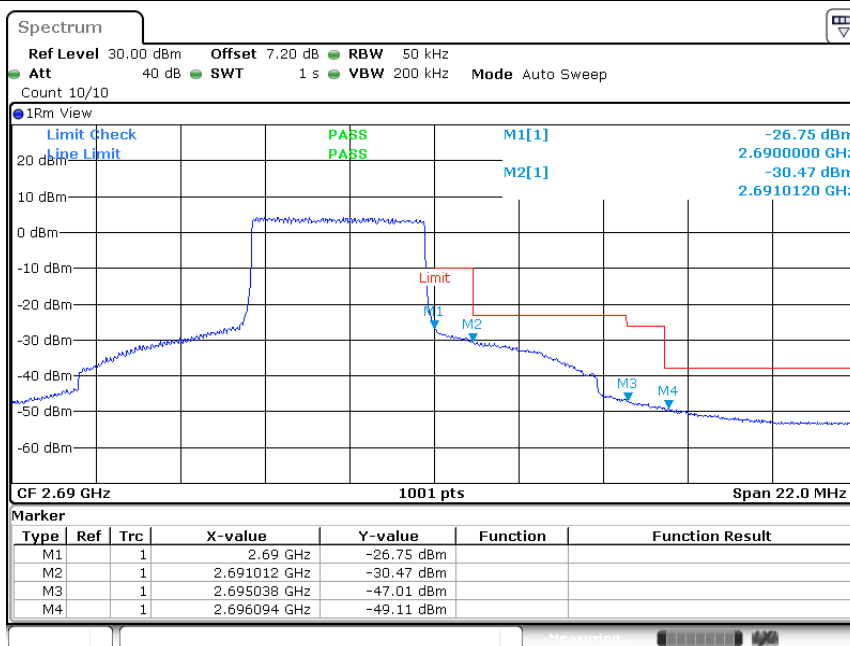
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

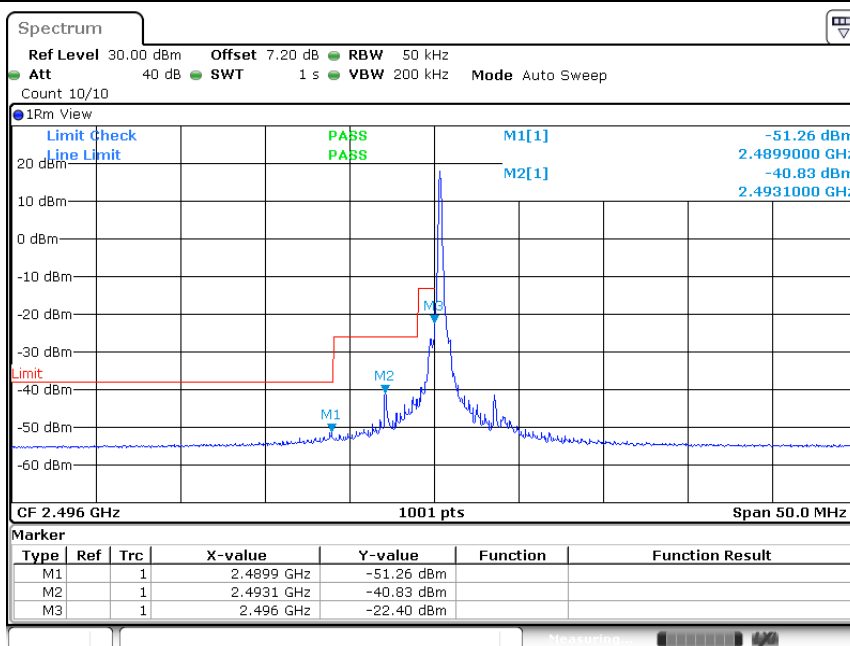


Band41-5MHz-QPSK-41565-25RB#0



Date: 16 MAR 2021 17:25:40

Band41-5MHz-16QAM-39675-1RB#0



Date: 16 MAR 2021 17:23:12

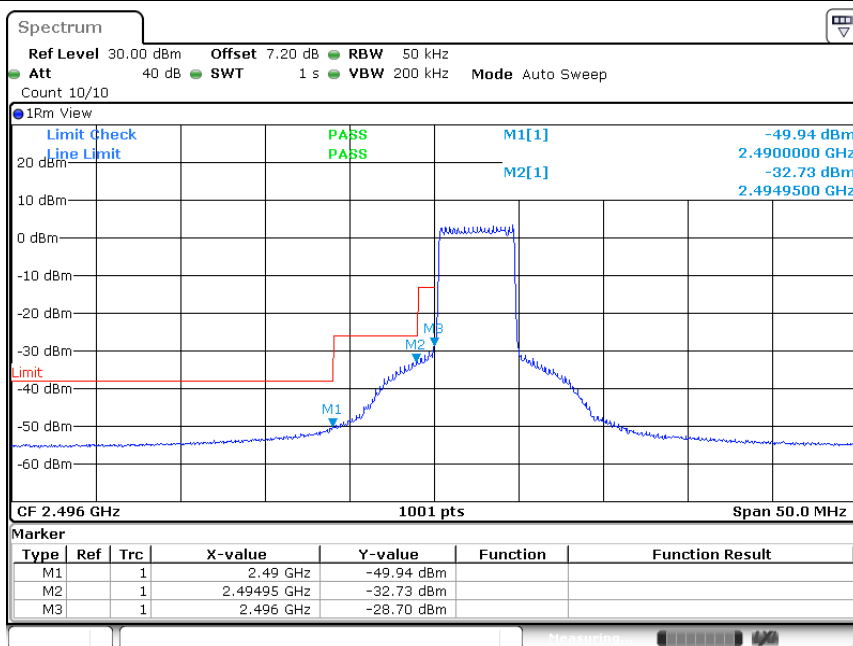


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

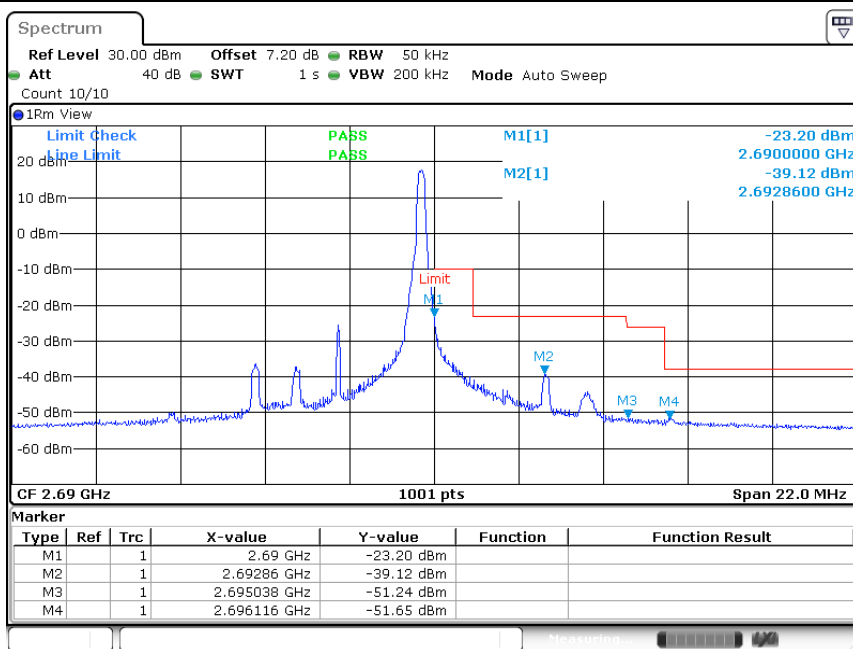
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

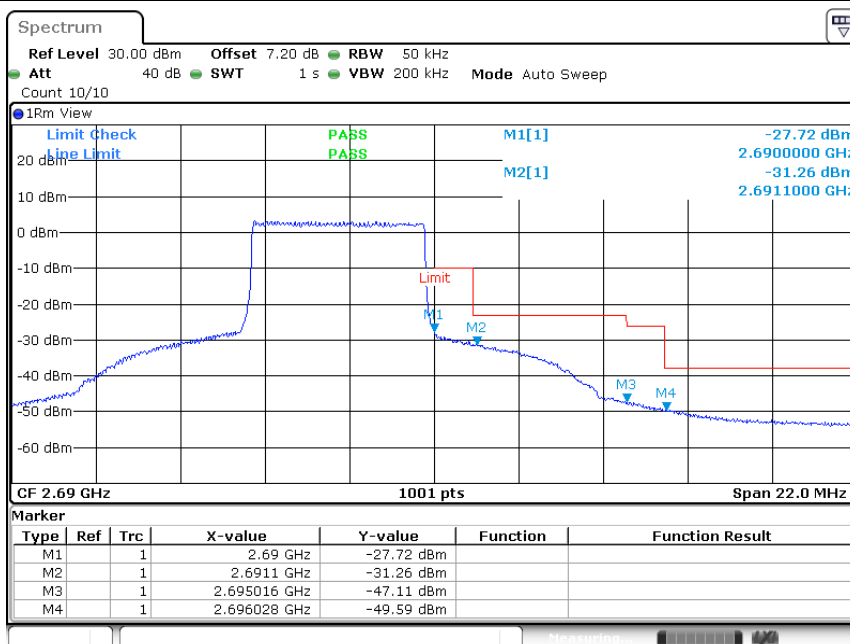
Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-41565-1RB#24

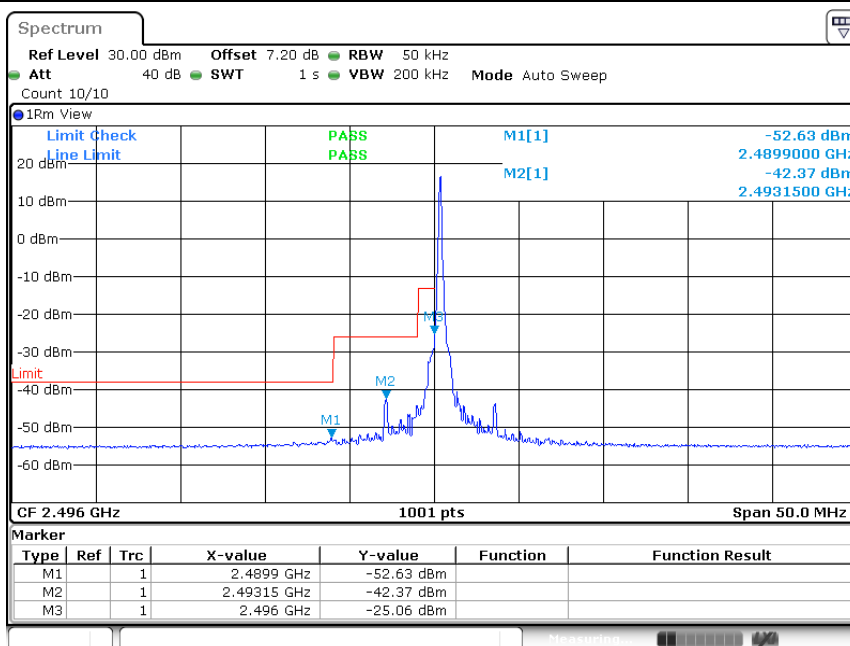


Band41-5MHz-16QAM-41565-25RB#0



Date: 16 MAR 2021 17:26:38

Band41-5MHz-64QAM-39675-1RB#0



Date: 16 MAR 2021 17:40:50

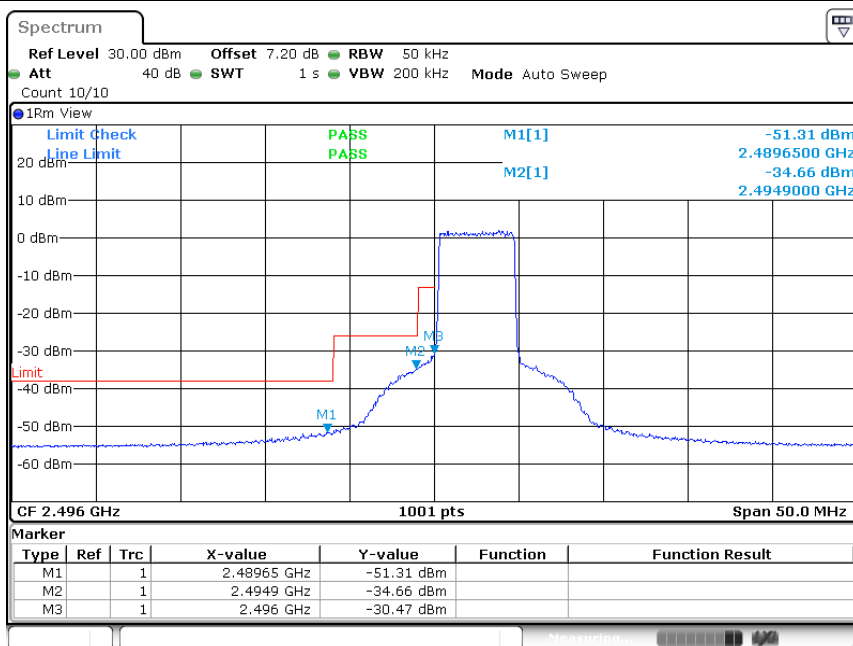


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

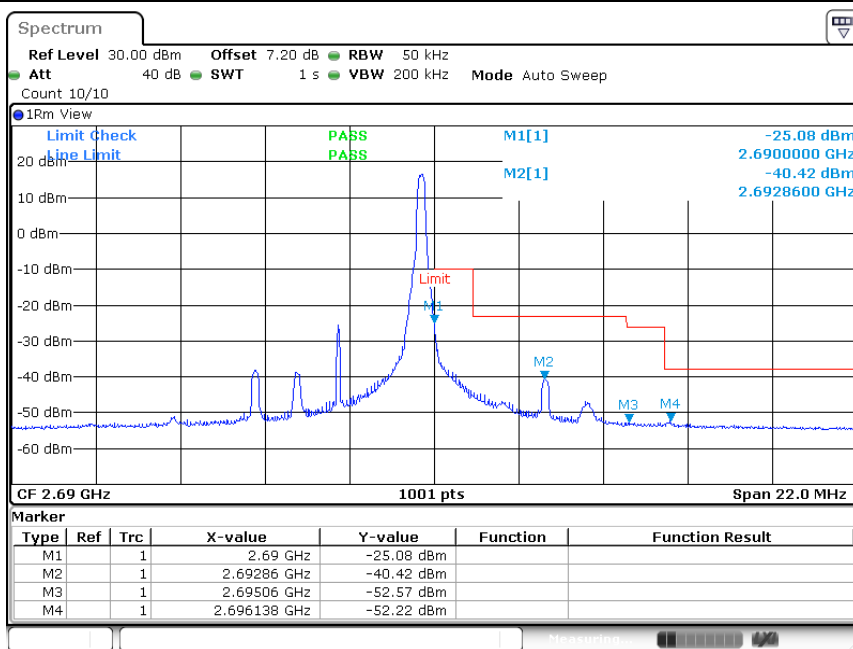
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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



Band41-5MHz-64QAM-39675-25RB#0

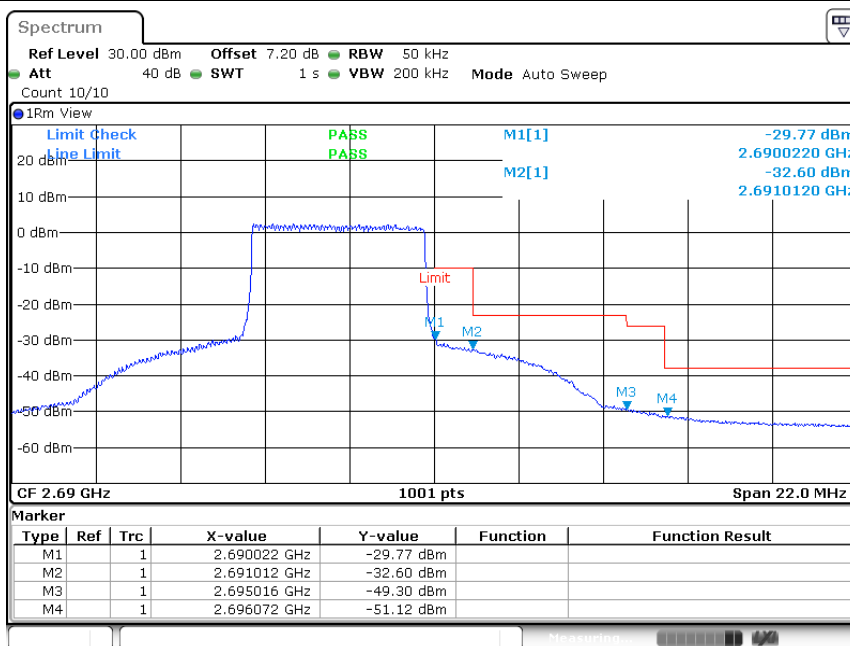


Band41-5MHz-64QAM-41565-1RB#24



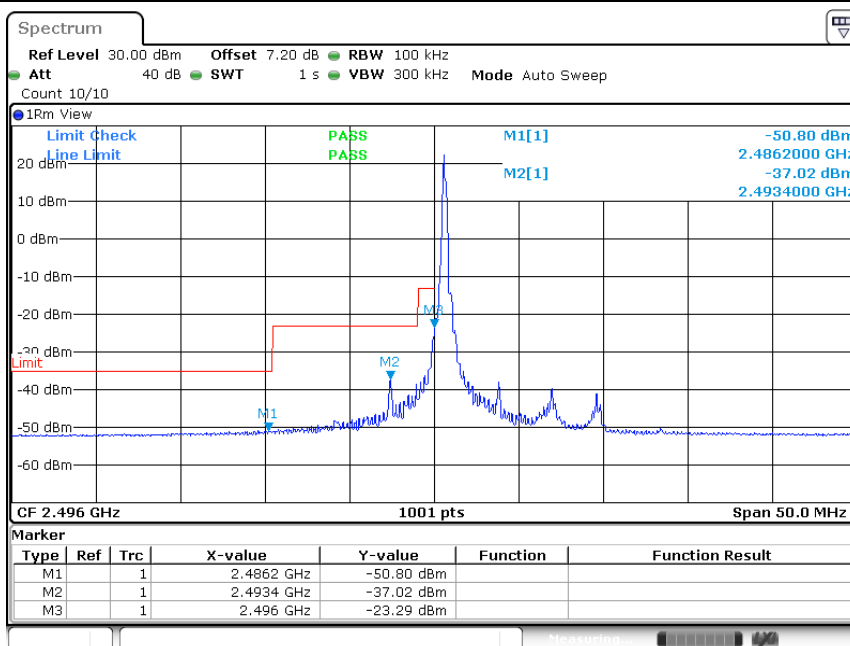


Band41-5MHz-64QAM-41565-25RB#0



Date: 16 MAR 2021 17:42:22

Band41-10MHz-QPSK-39700-1RB#0



Date: 16 MAR 2021 17:27:39

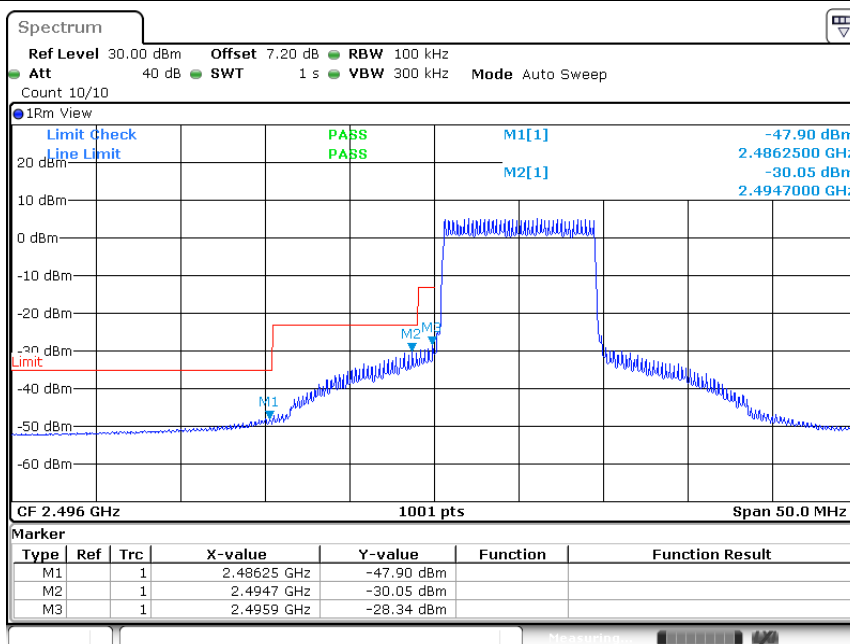


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

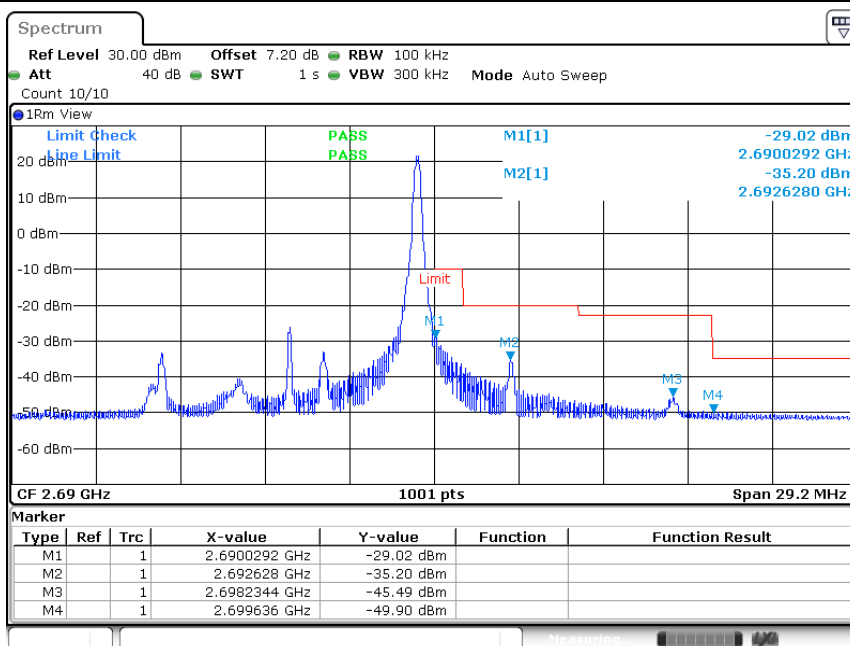


Band41-10MHz-QPSK-39700-50RB#0



Date: 16 MAR 2021 17:28:05

Band41-10MHz-QPSK-41540-1RB#49



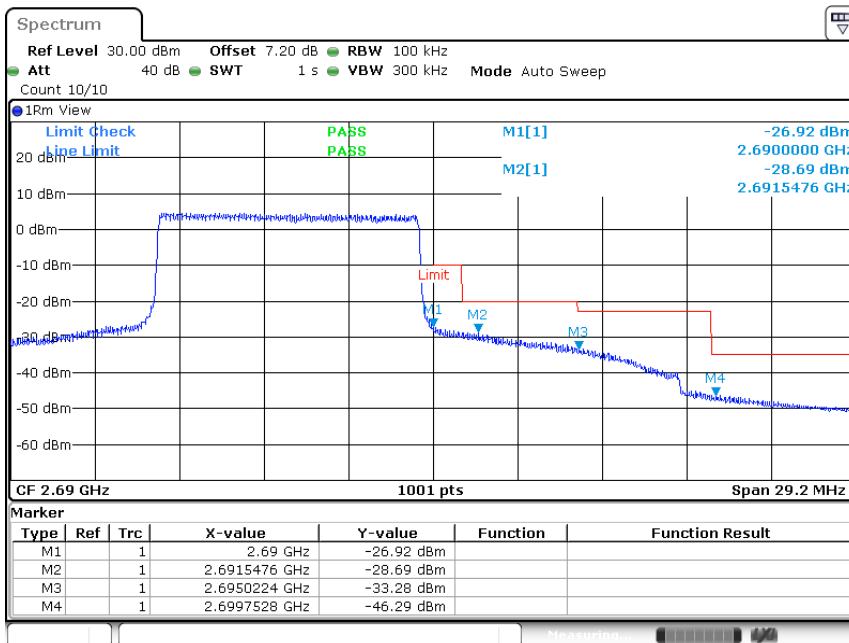
Date: 16 MAR 2021 17:29:08



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.

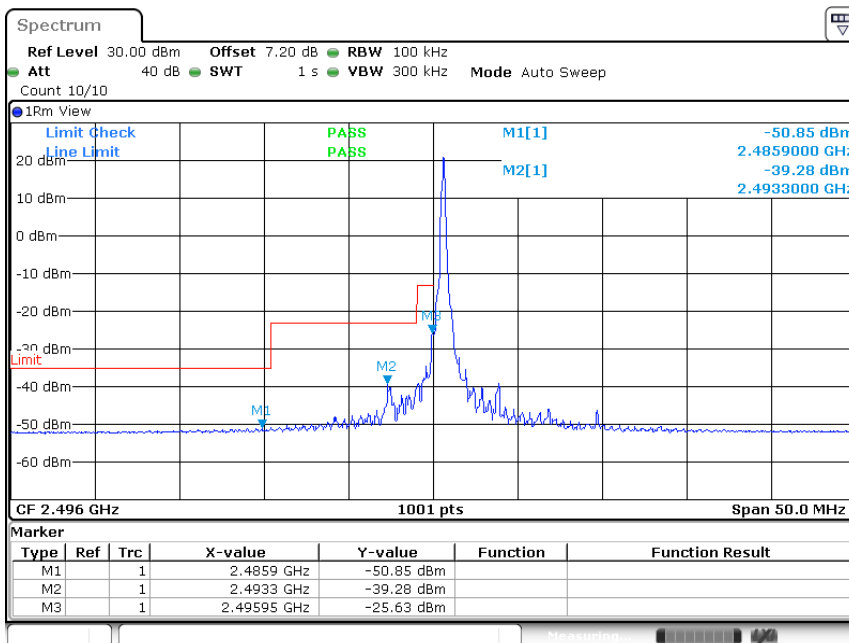
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band41-10MHz-QPSK-41540-50RB#0



Date: 16 MAR 2021 17:30:05

Band41-10MHz-16QAM-39700-1RB#0



Date: 16 MAR 2021 17:27:37

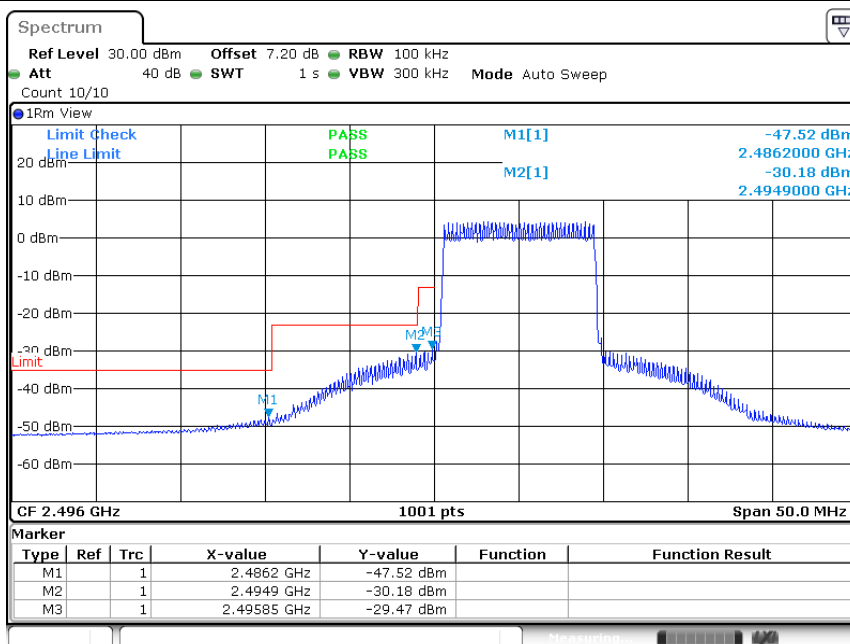


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

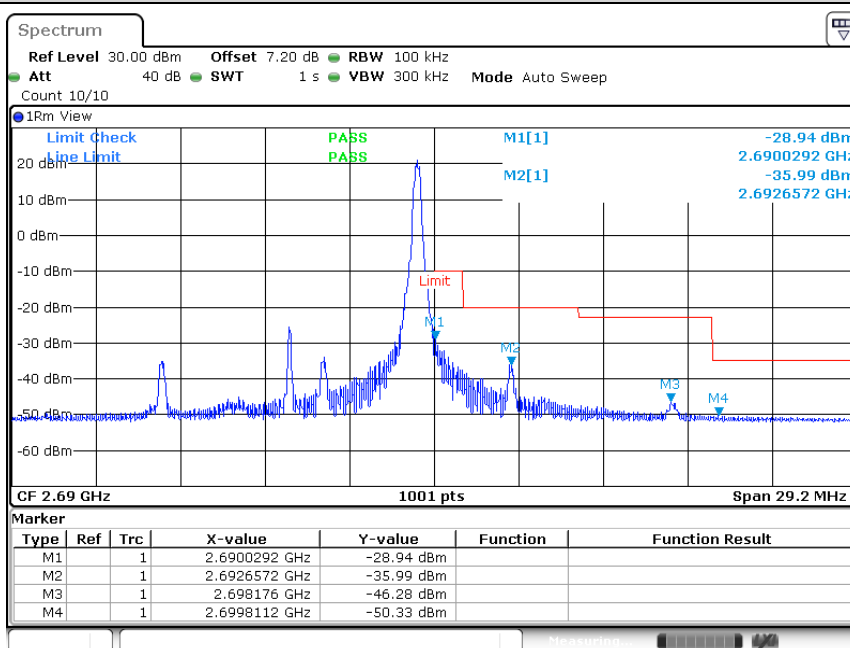


Band41-10MHz-16QAM-39700-50RB#0



Date: 16 MAR 2021 17:28:33

Band41-10MHz-16QAM-41540-1RB#49



Date: 16 MAR 2021 17:29:37

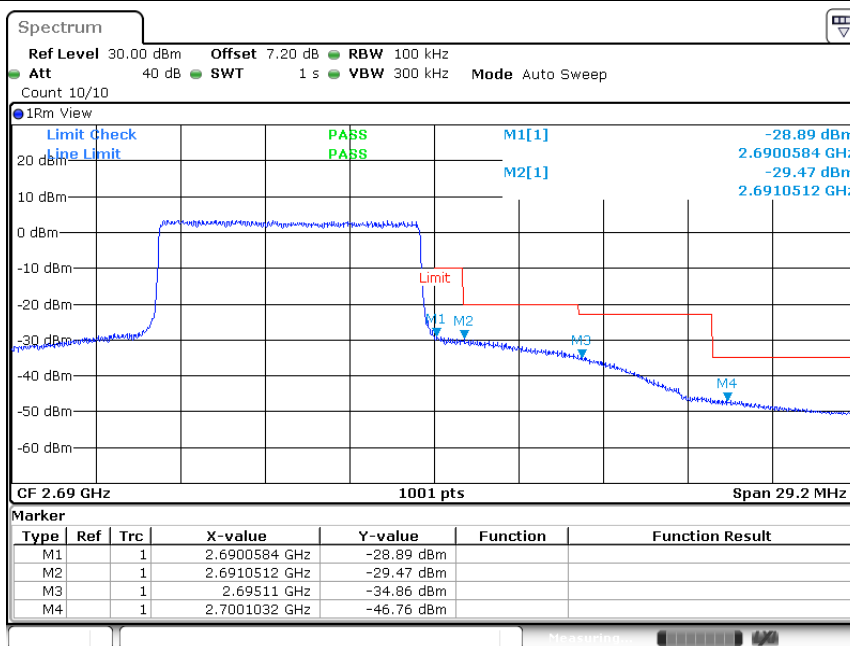


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

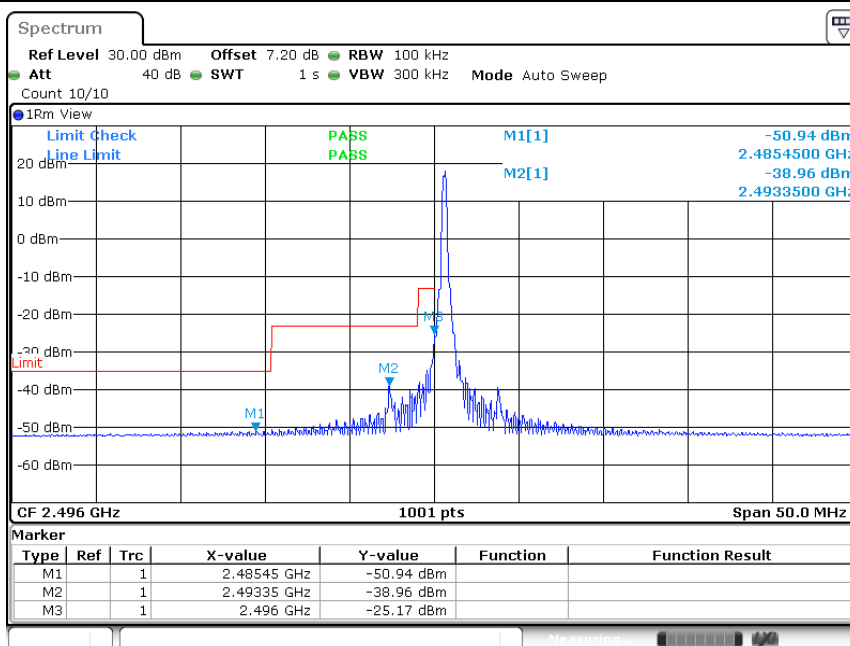


Band41-10MHz-16QAM-41540-50RB#0



Date: 16 MAR 2021 17:30:33

Band41-10MHz-64QAM-39700-1RB#0



Date: 16 MAR 2021 17:43:32

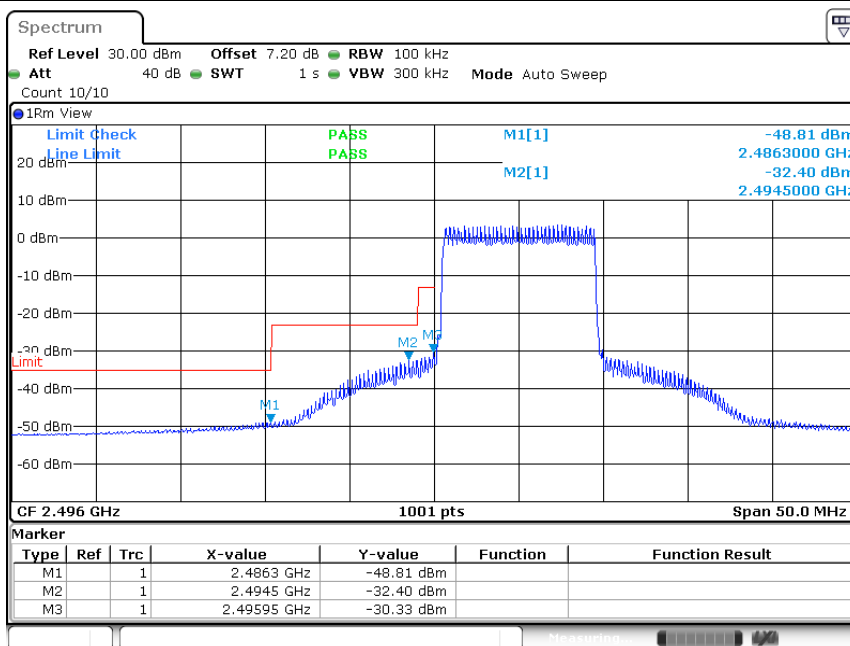


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

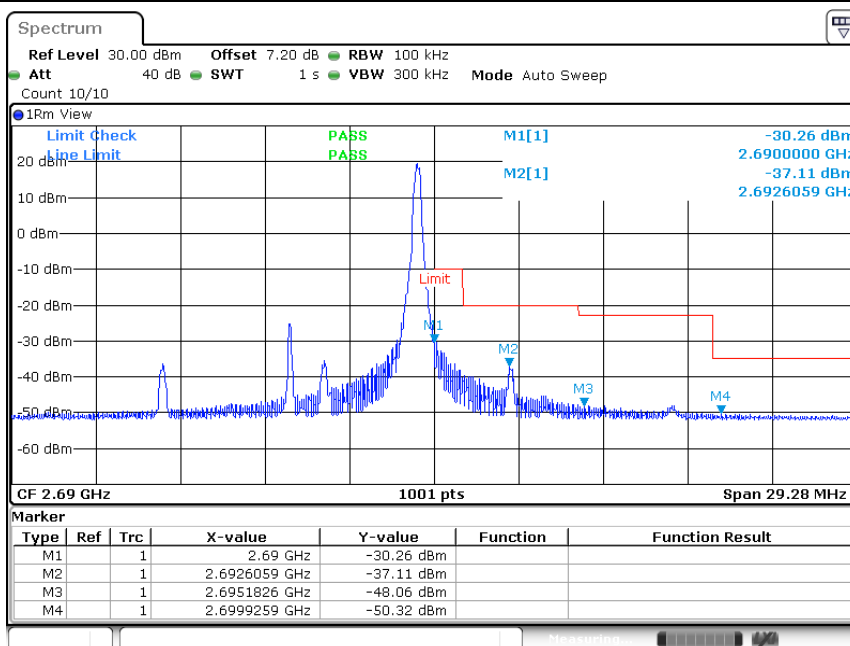


Band41-10MHz-64QAM-39700-50RB#0



Date: 16 MAR 2021 17:43:30

Band41-10MHz-64QAM-41540-1RB#49



Date: 16 MAR 2021 17:44:05

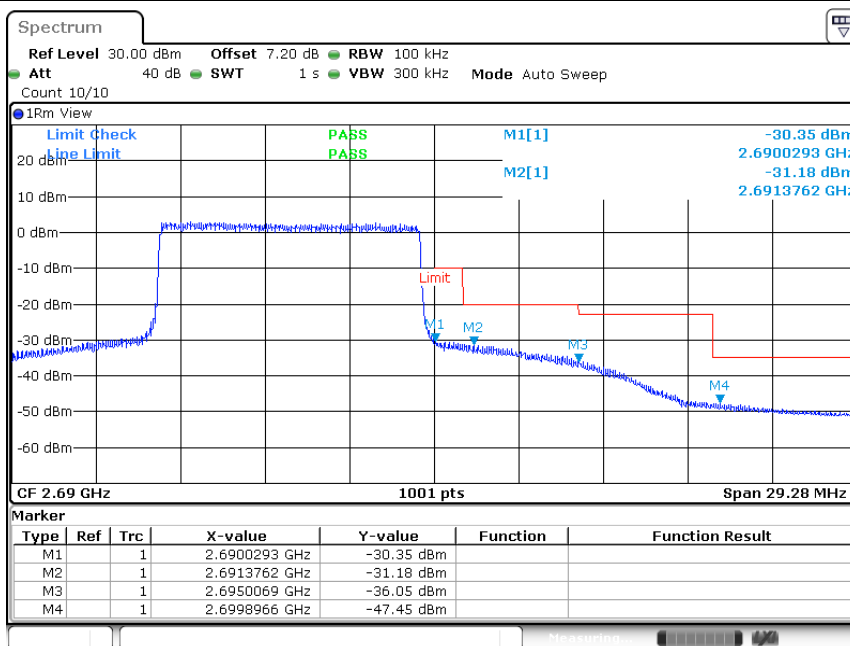


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

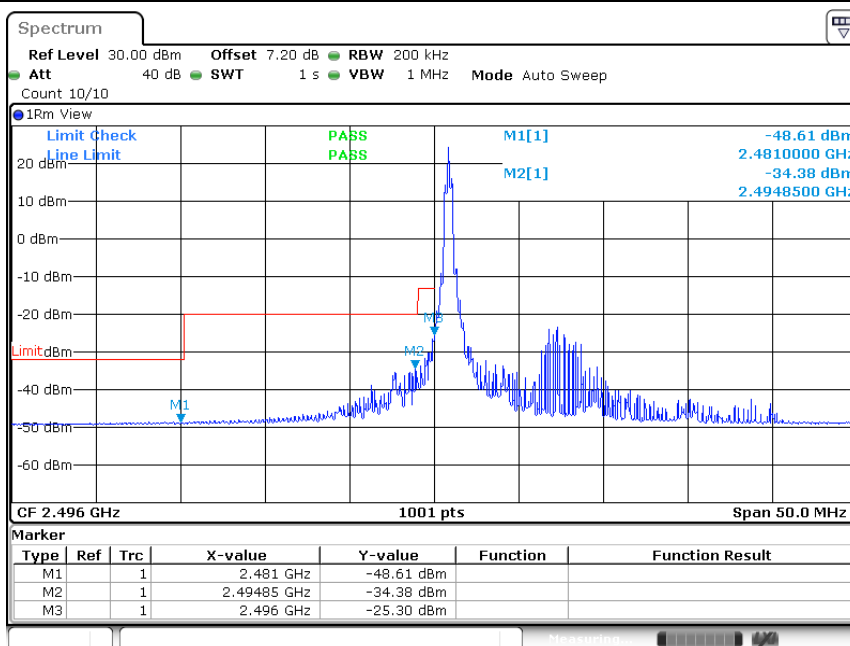


Band41-10MHz-64QAM-41540-50RB#0



Date: 16 MAR 2021 17:44:33

Band41-15MHz-QPSK-39725-1RB#0

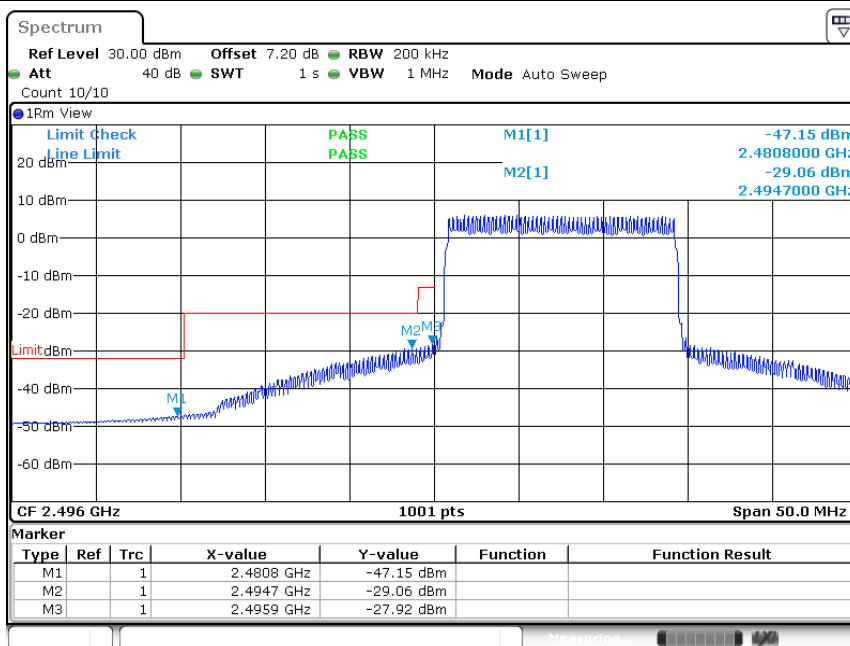


Date: 16 MAR 2021 17:31:40



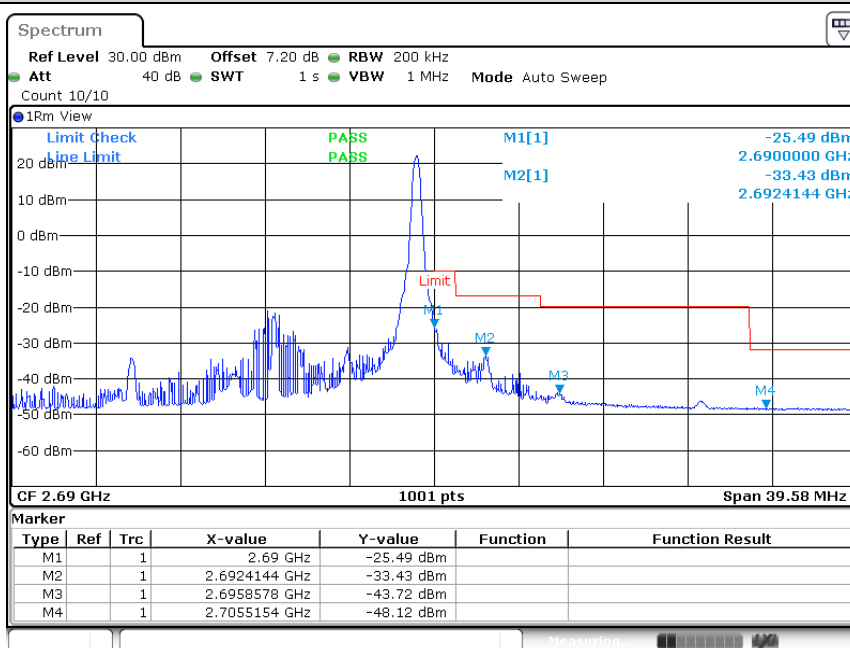


Band41-15MHz-QPSK-39725-75RB#0



Date: 16 MAR 2021 17:33:04

Band41-15MHz-QPSK-41515-1RB#74

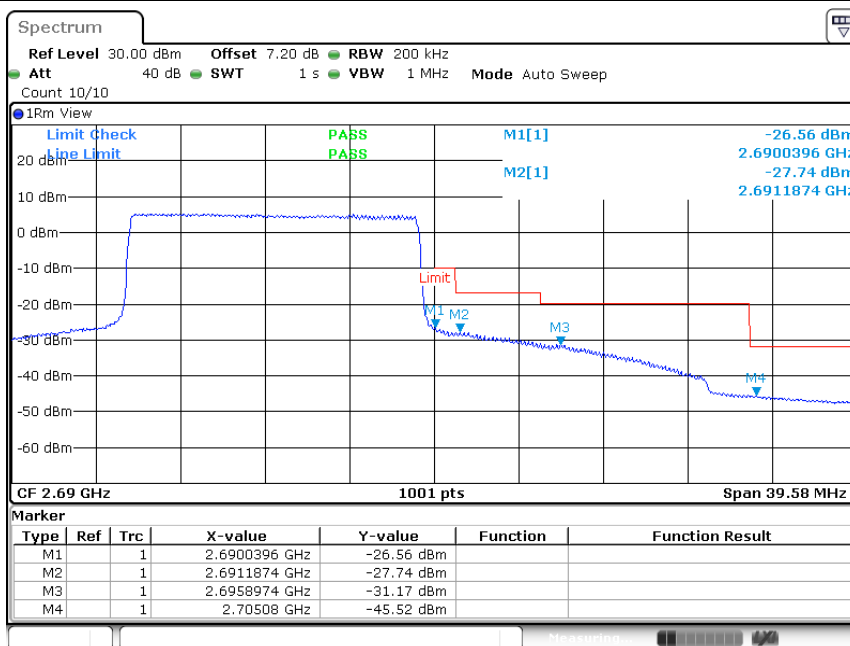


Date: 16 MAR 2021 17:34:19

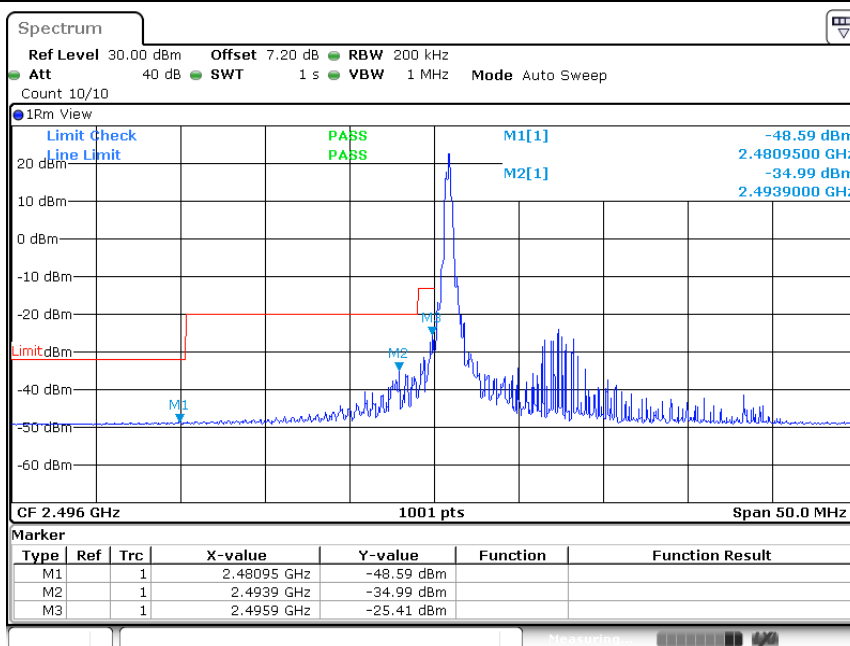




Band41-15MHz-QPSK-41515-75RB#0

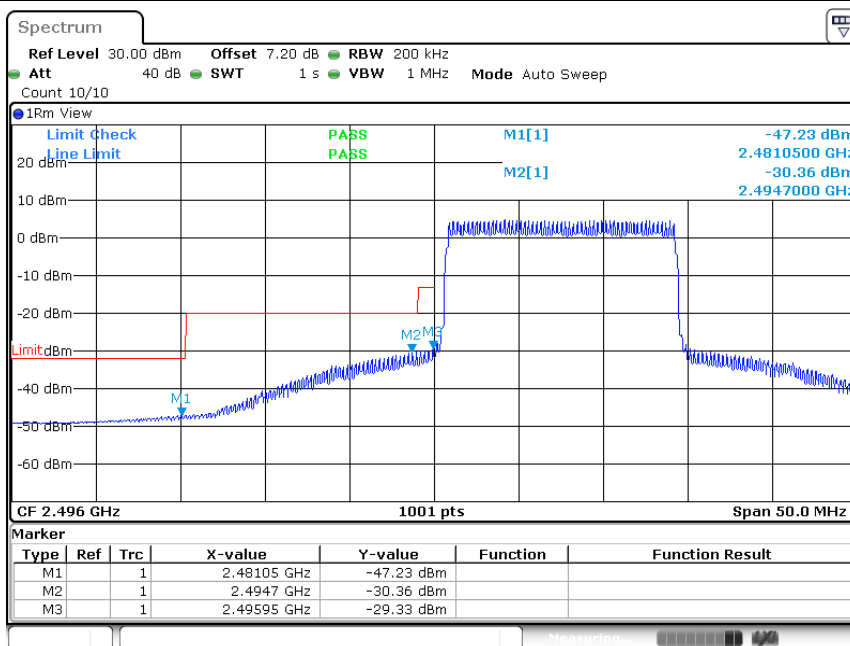


Band41-15MHz-16QAM-39725-1RB#0



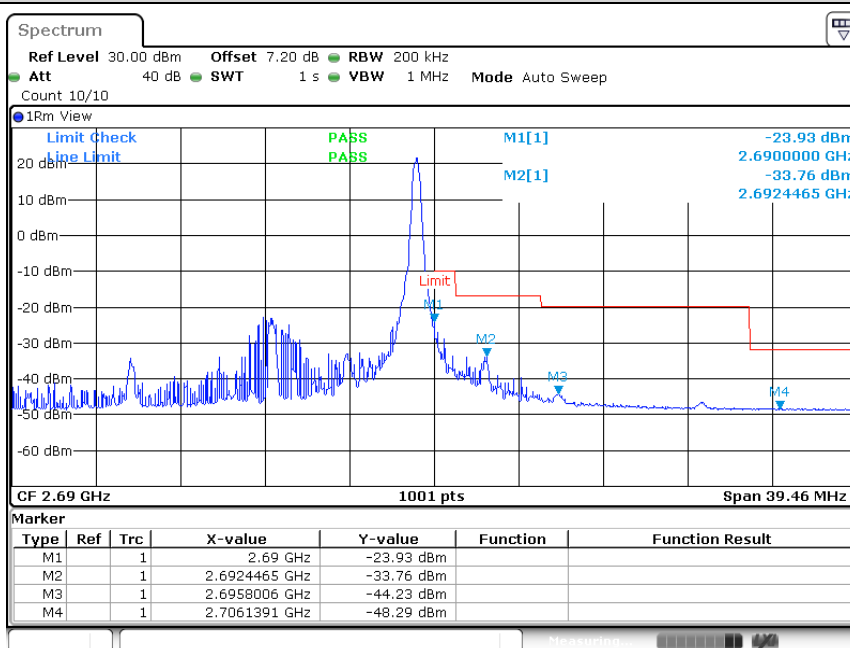


Band41-15MHz-16QAM-39725-75RB#0



Date: 16 MAR 2021 17:33:44

Band41-15MHz-16QAM-41515-1RB#74



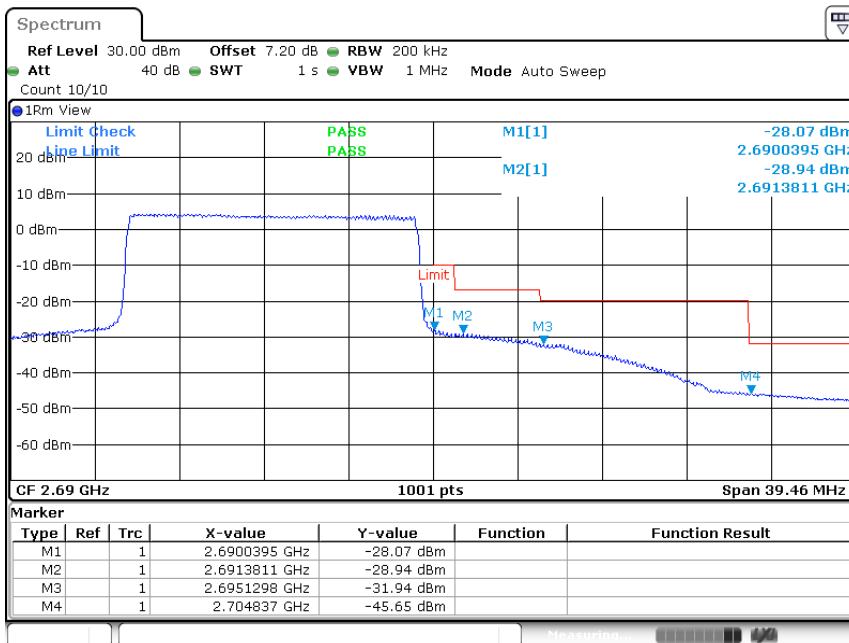
Date: 16 MAR 2021 17:34:47



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.

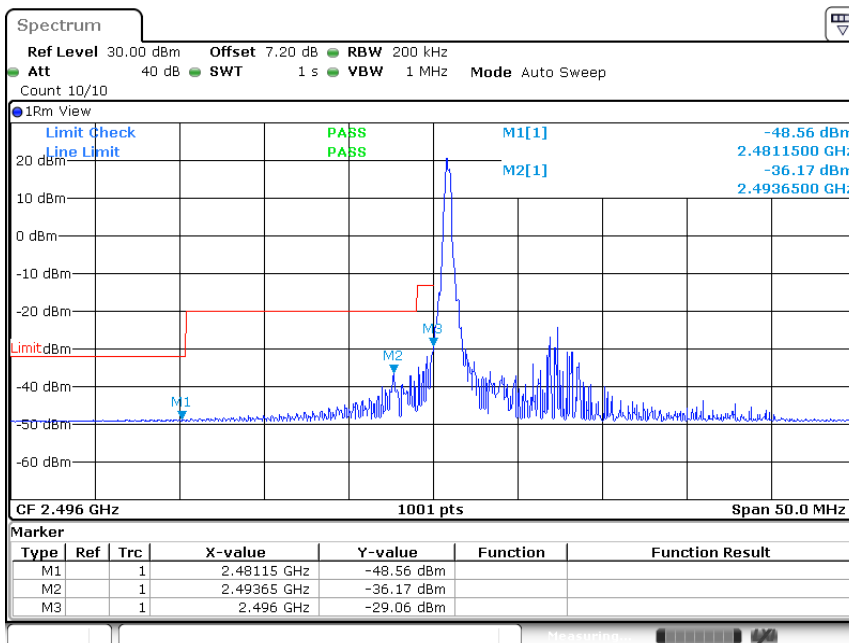
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn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

Band41-15MHz-16QAM-41515-75RB#0



Date: 16 MAR 2021 17:35:44

Band41-15MHz-64QAM-39725-1RB#0



Date: 16 MAR 2021 17:45:18

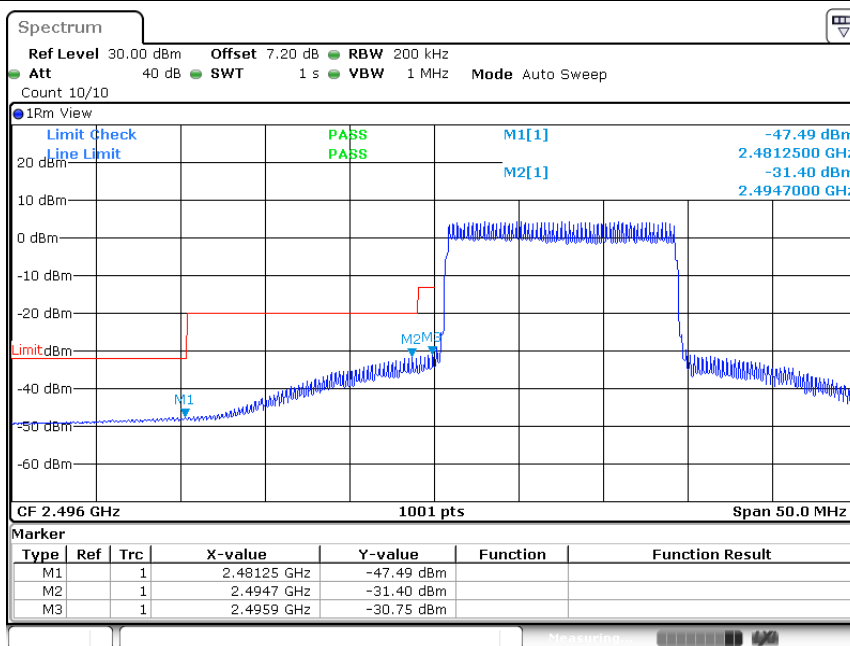


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

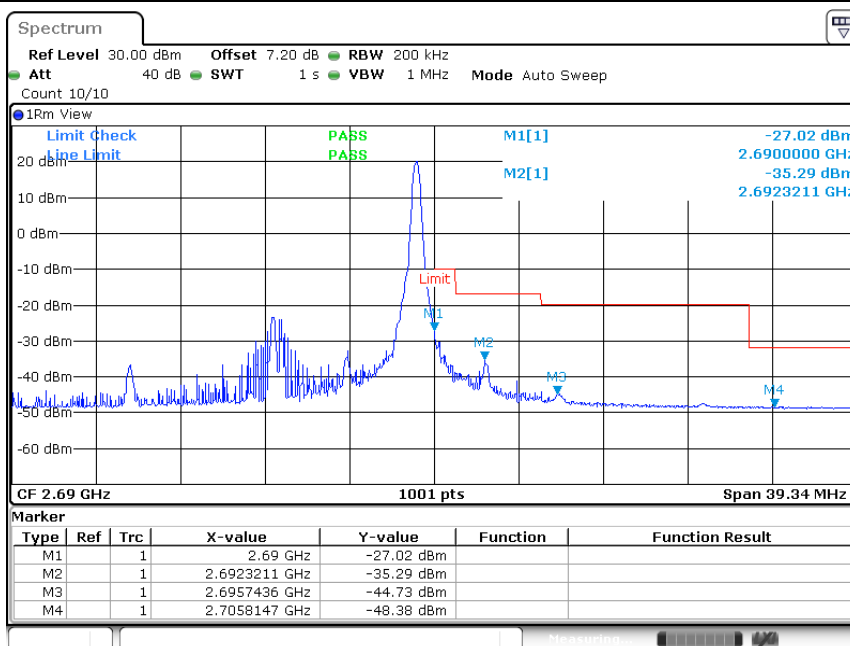


Band41-15MHz-64QAM-39725-75RB#0



Date: 16 MAR 2021 17:45:51

Band41-15MHz-64QAM-41515-1RB#74



Date: 16 MAR 2021 17:46:27

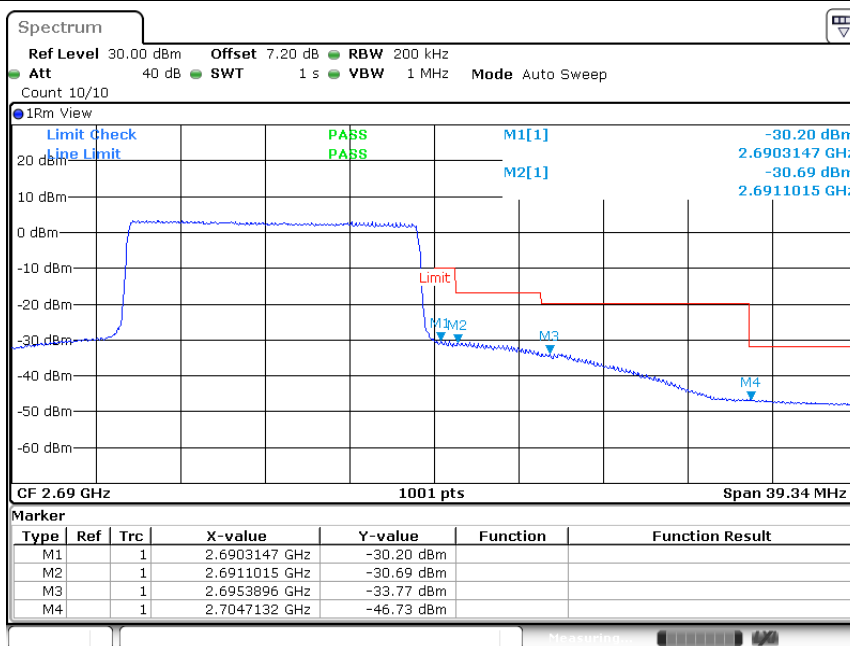


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

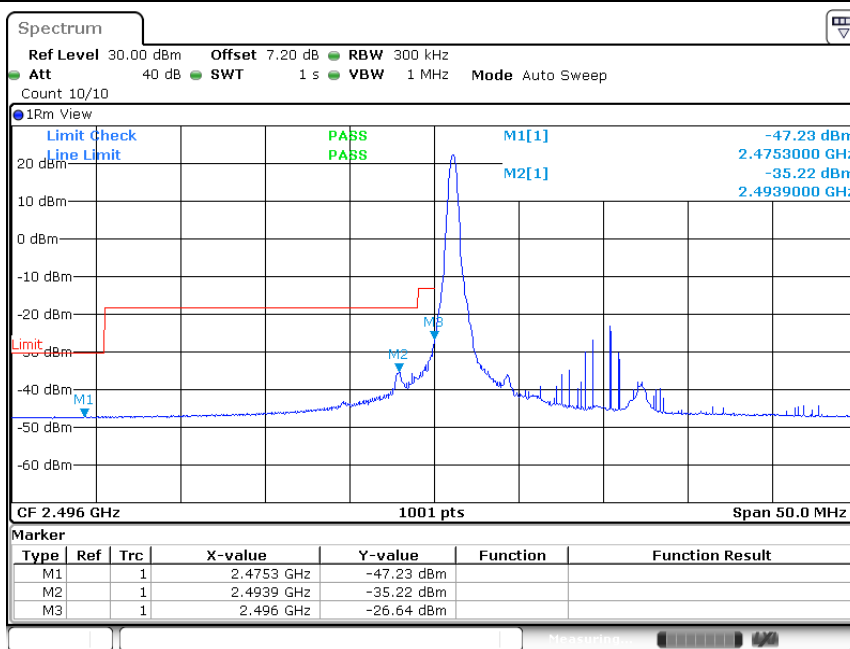
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn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



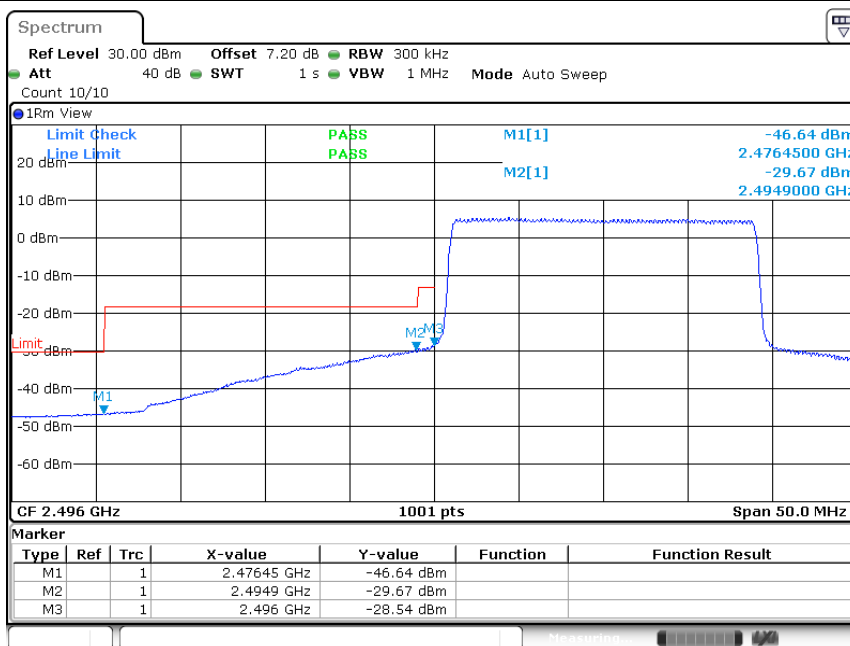
Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-1RB#0

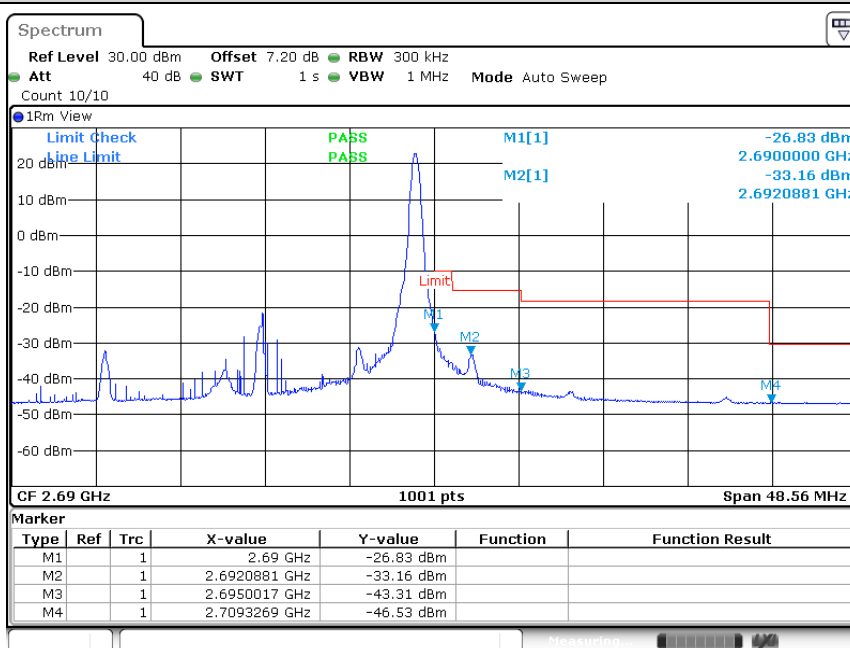


Band41-20MHz-QPSK-39750-100RB#0



Date: 16 MAR 2021 17:37:19

Band41-20MHz-QPSK-41490-1RB#99



Date: 16 MAR 2021 17:38:22



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.

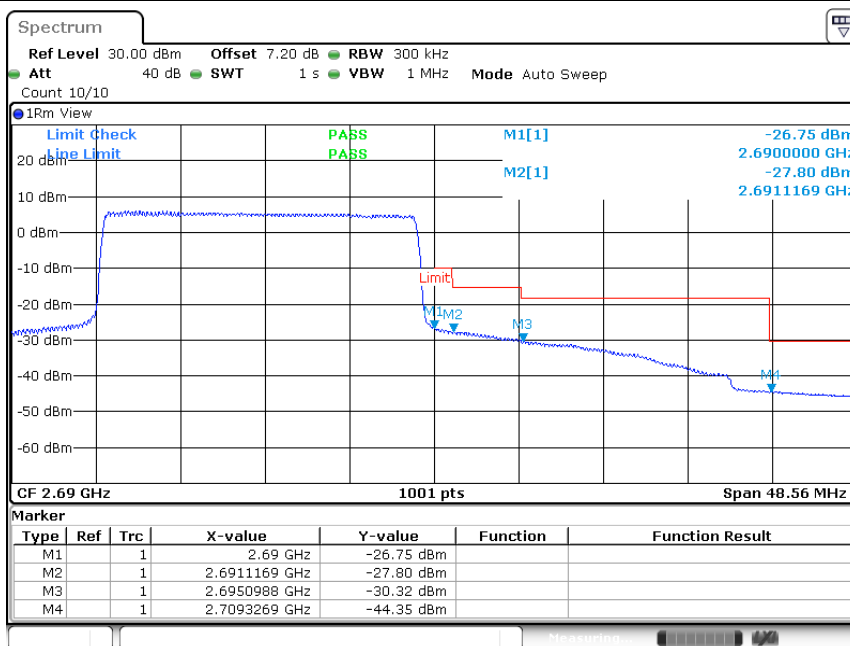
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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)

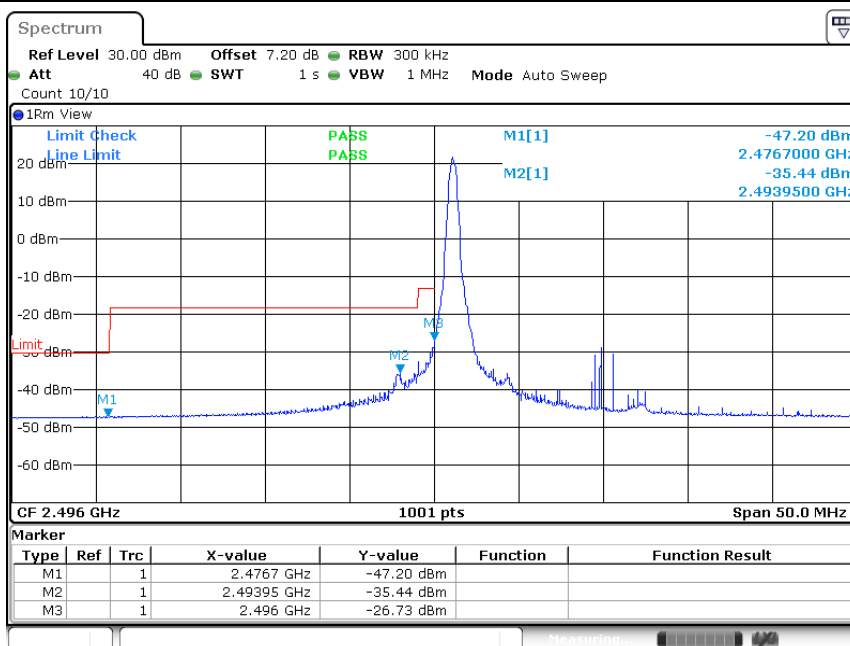


Band41-20MHz-QPSK-41490-100RB#0



Date: 16 MAR 2021 17:39:19

Band41-20MHz-16QAM-39750-1RB#0

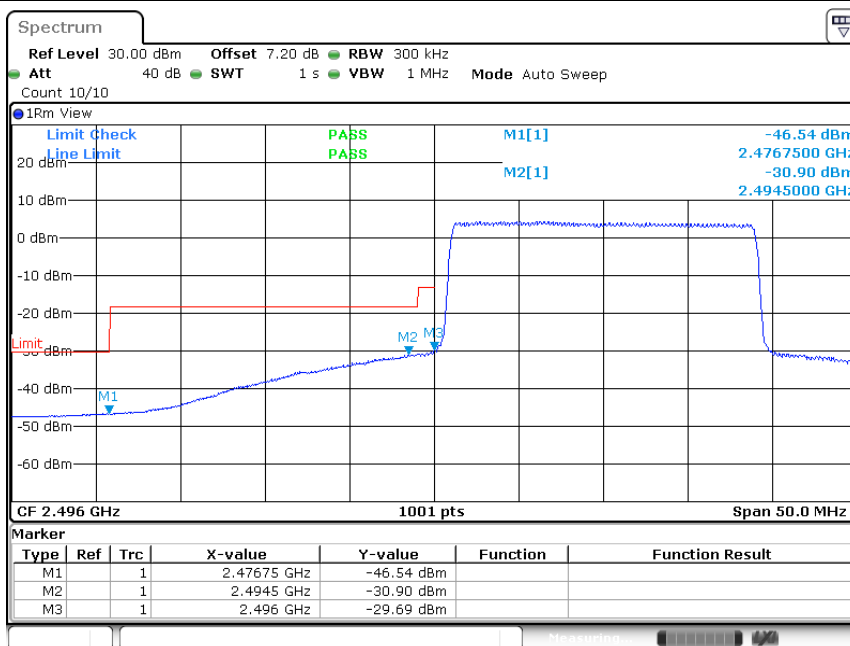


Date: 16 MAR 2021 17:36:51



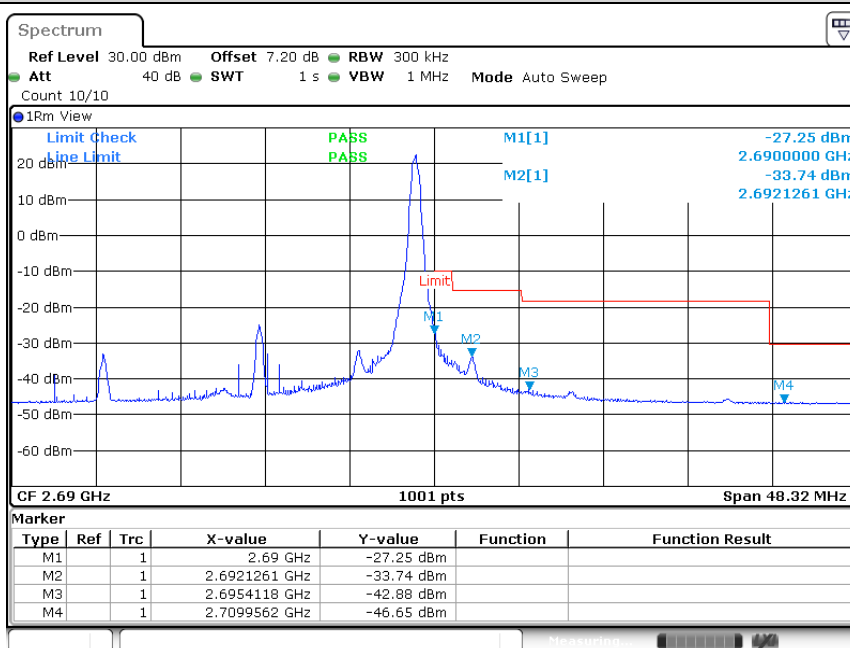


Band41-20MHz-16QAM-39750-100RB#0



Date: 16 MAR 2021 17:37:47

Band41-20MHz-16QAM-41490-1RB#99

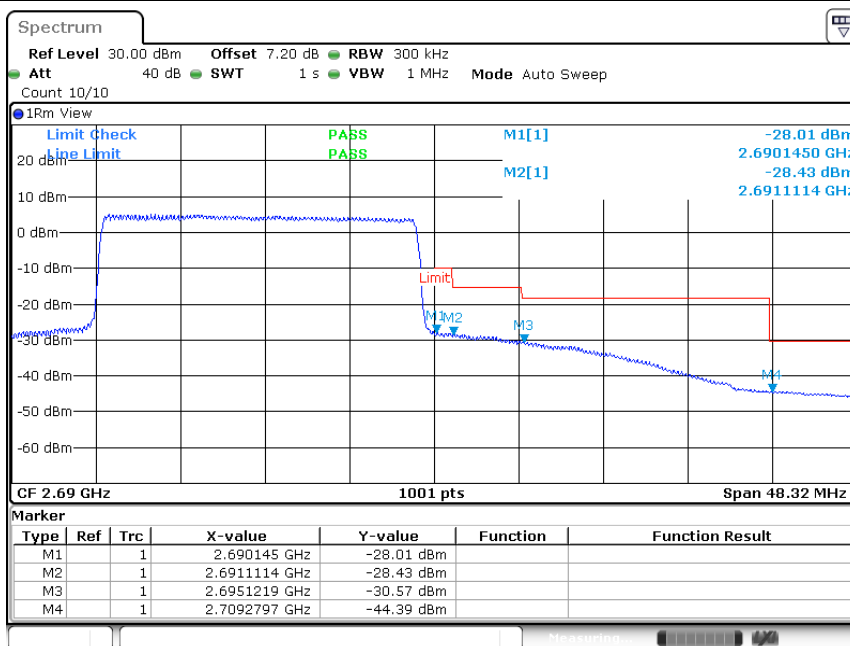


Date: 16 MAR 2021 17:38:50



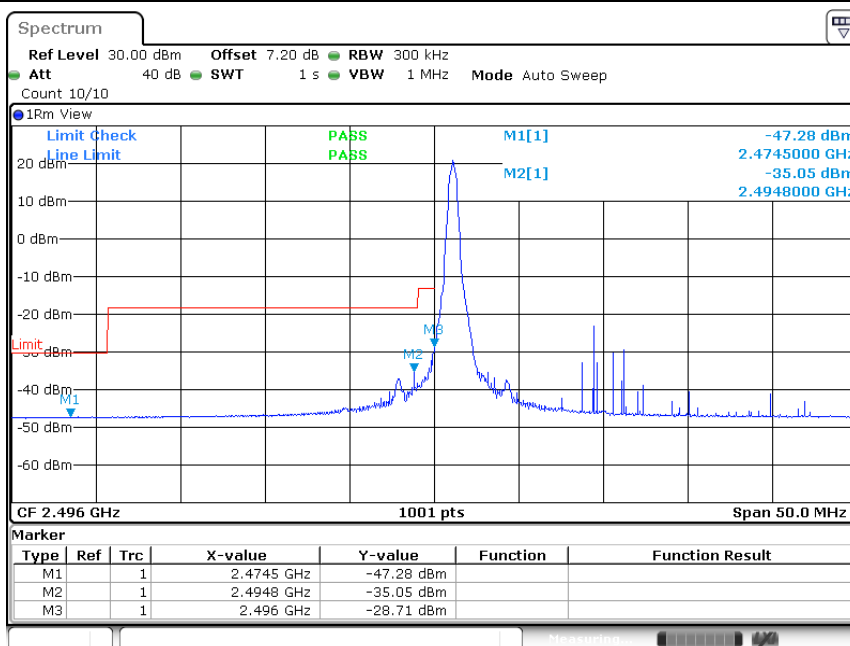


Band41-20MHz-16QAM-41490-100RB#0



Date: 16 MAR 2021 17:39:48

Band41-20MHz-64QAM-39750-1RB#0

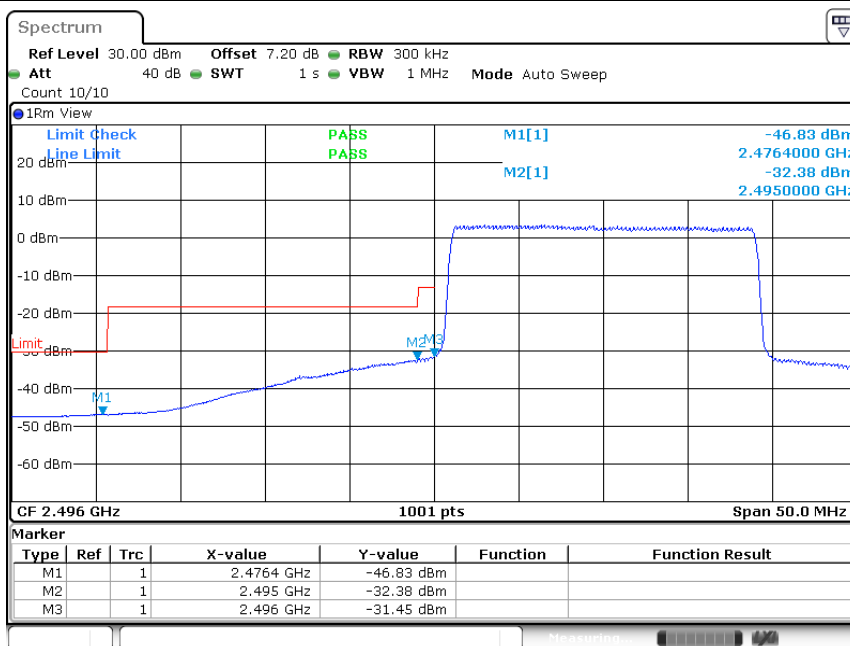


Date: 16 MAR 2021 17:47:36



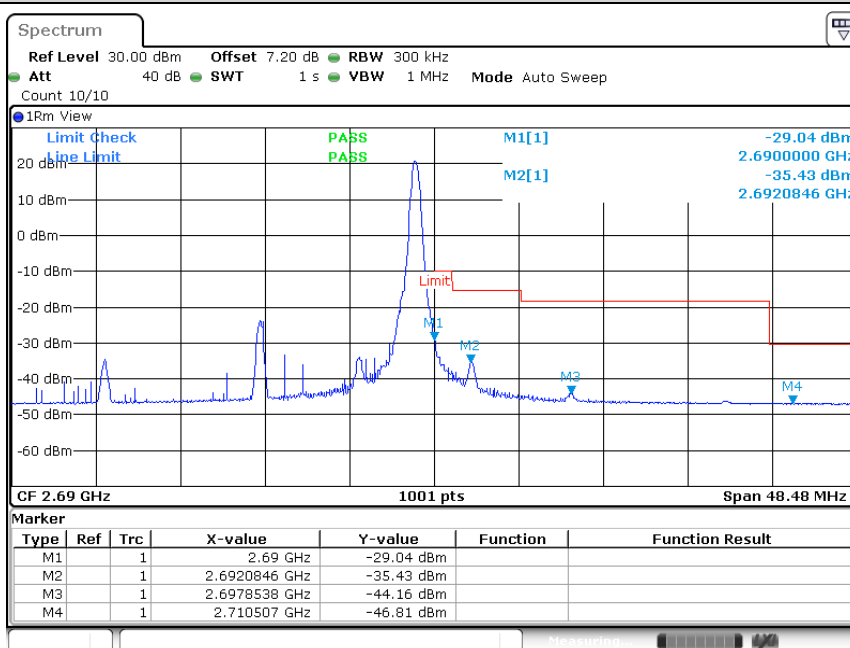


Band41-20MHz-64QAM-39750-100RB#0



Date: 16 MAR 2021 17:48:04

Band41-20MHz-64QAM-41490-1RB#99



Date: 16 MAR 2021 17:48:39

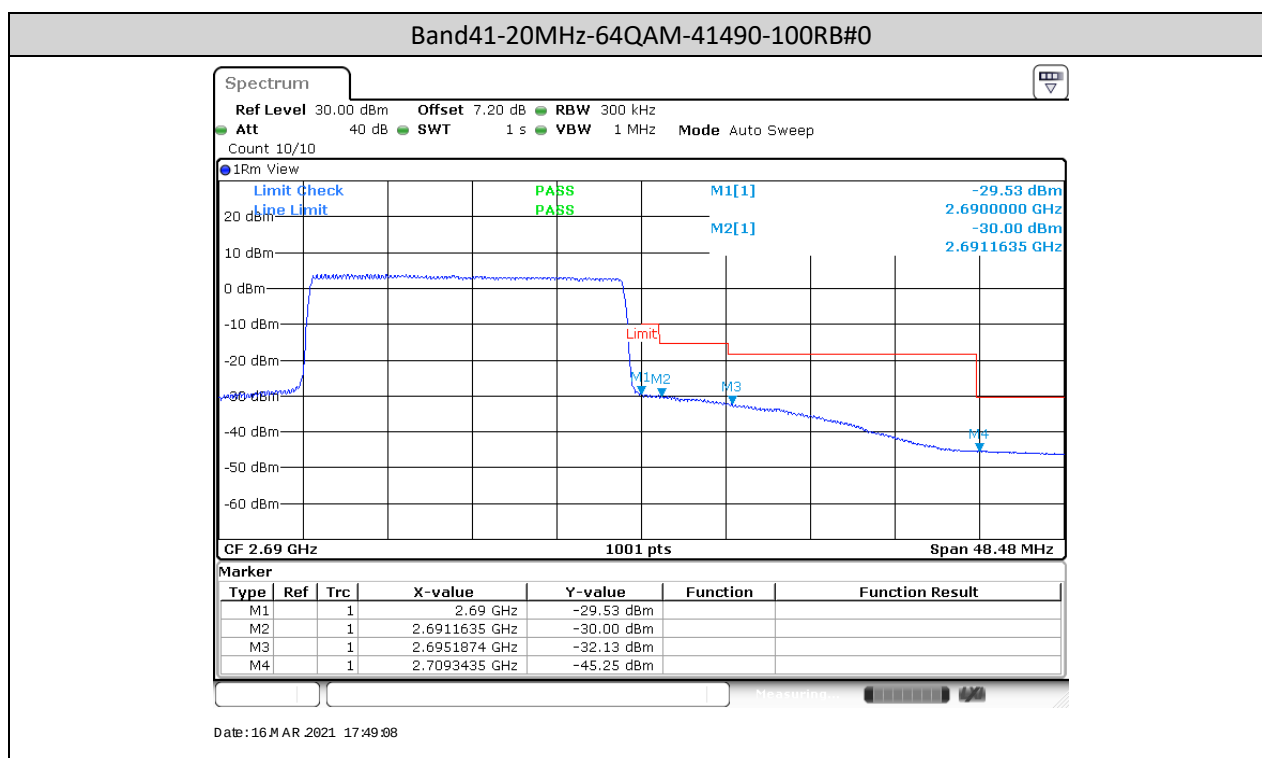


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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)



Remark: The limit of more than 1MHz offset the channel edge is corrected by the formula:
 $X = \text{Limit} + 10 \log(\text{RBW}/1000\text{kHz})$.



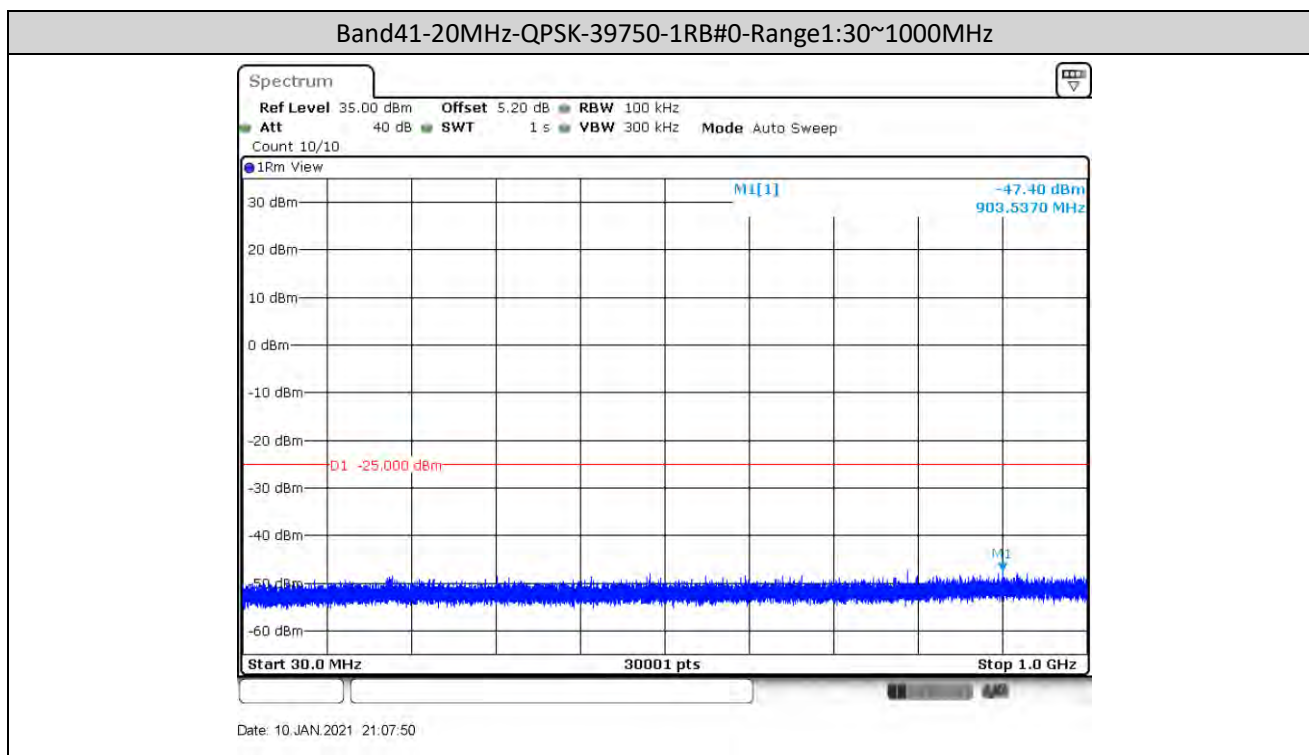


6. Spurious Emission at Antenna Terminal

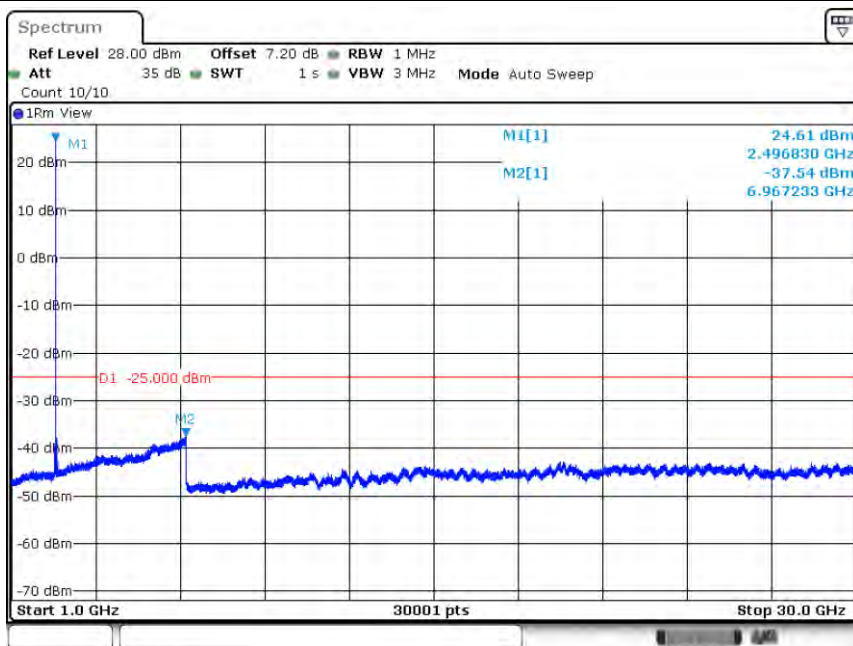
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

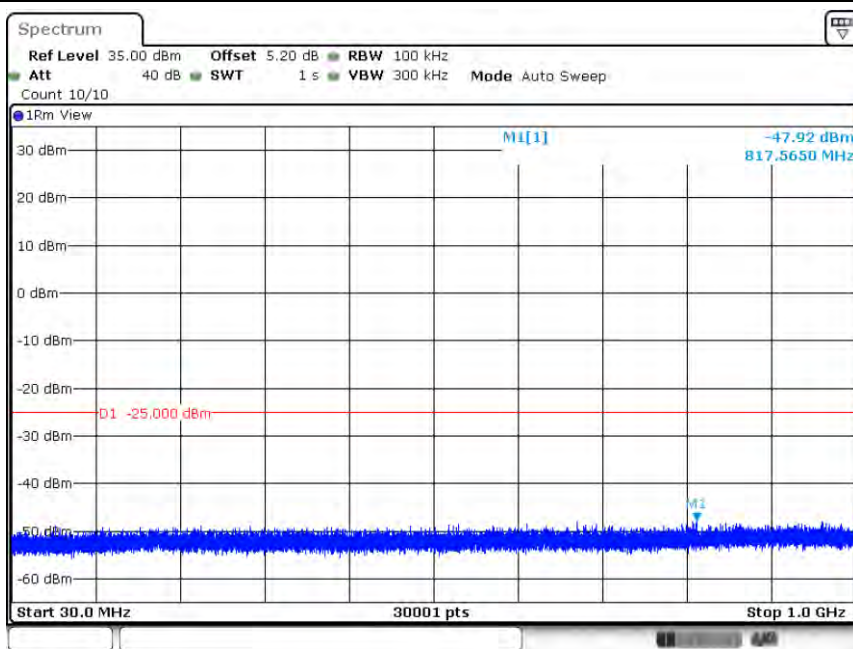


Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 10 JAN 2021 21:08:07

Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

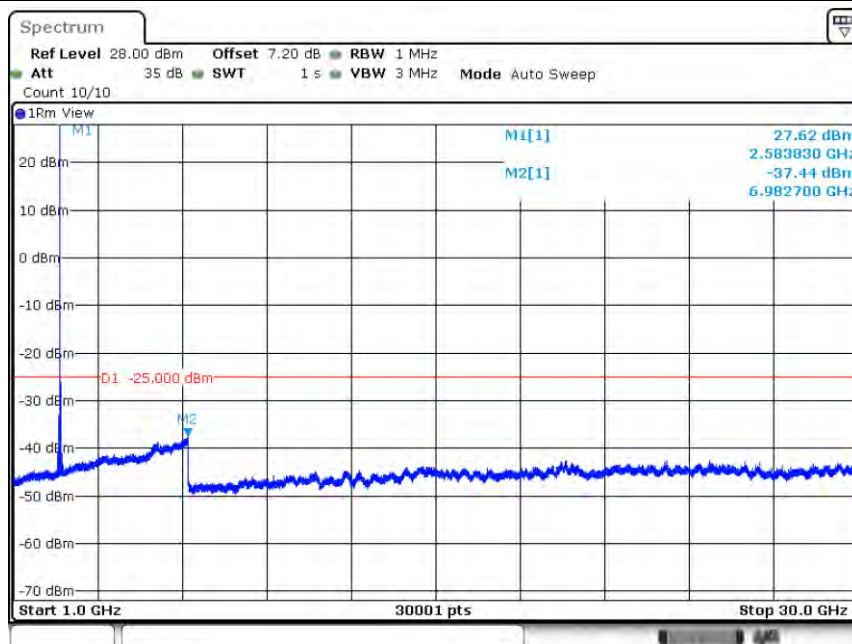


Date: 10 JAN 2021 21:09:01



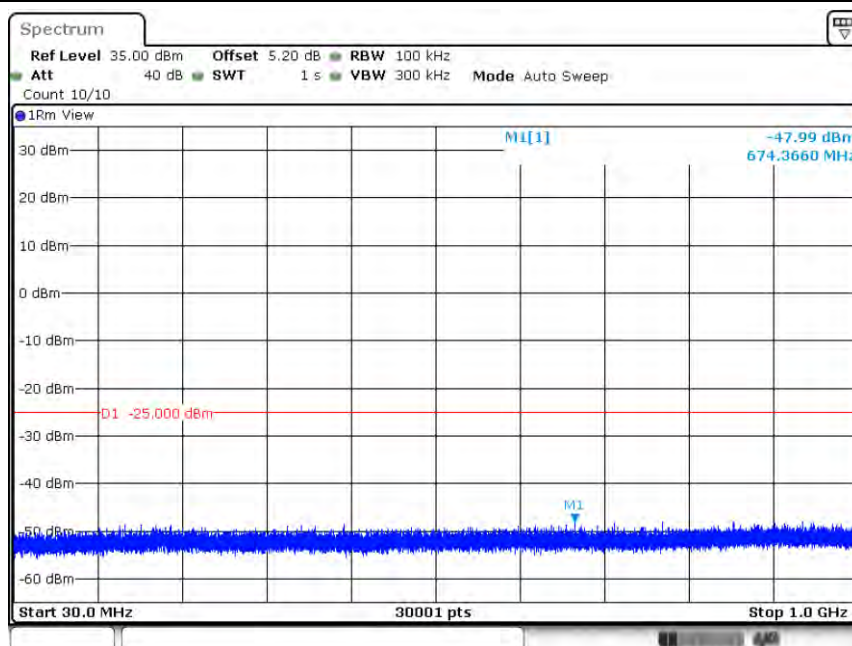


Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 10 JAN 2021 21:09:18

Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



Date: 10 JAN 2021 21:10:12

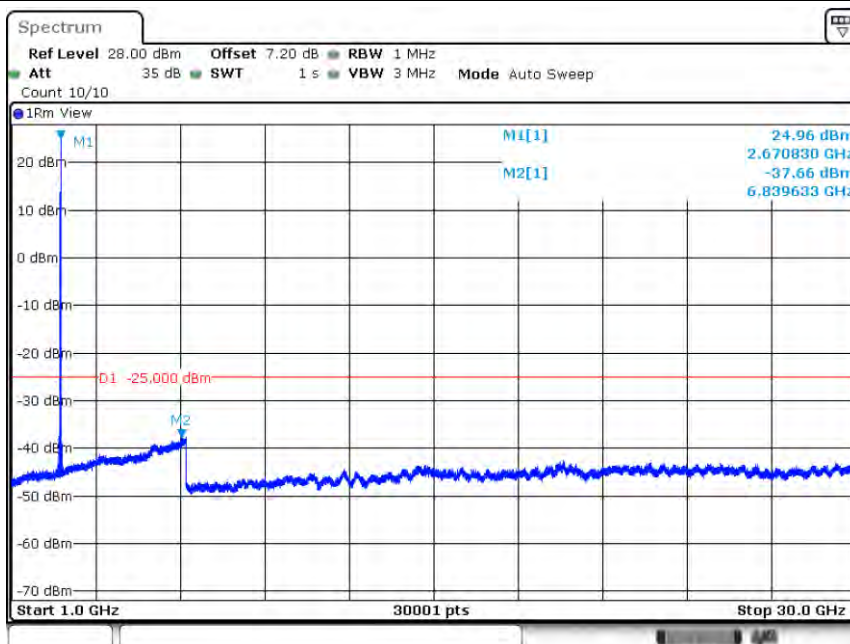


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

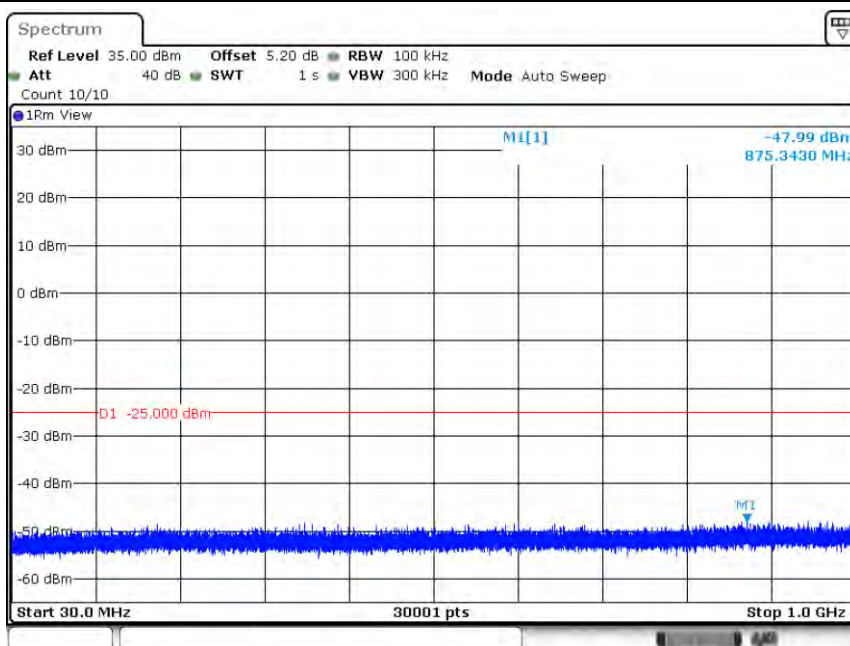


Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 10 JAN 2021 21:10:29

Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz



Date: 11 JAN 2021 08:34:43



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

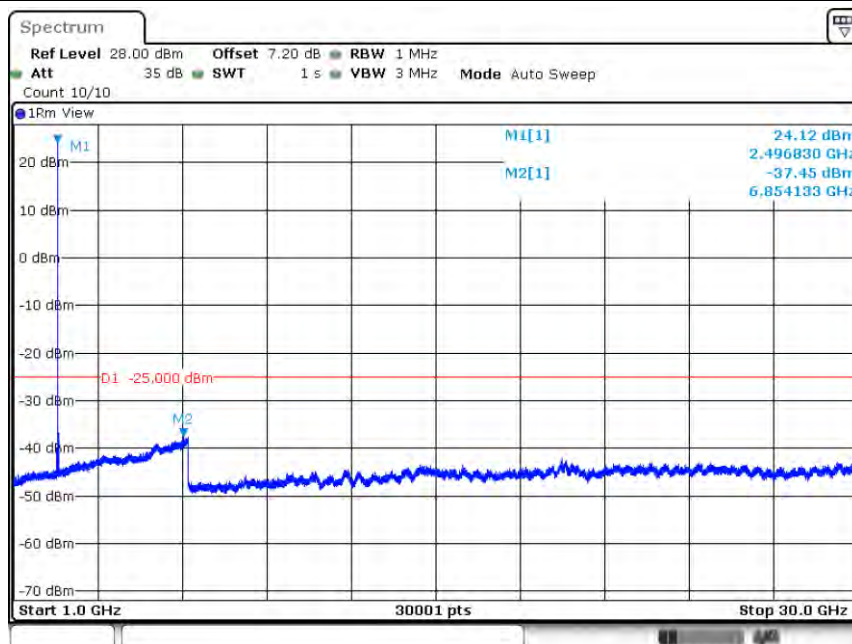
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

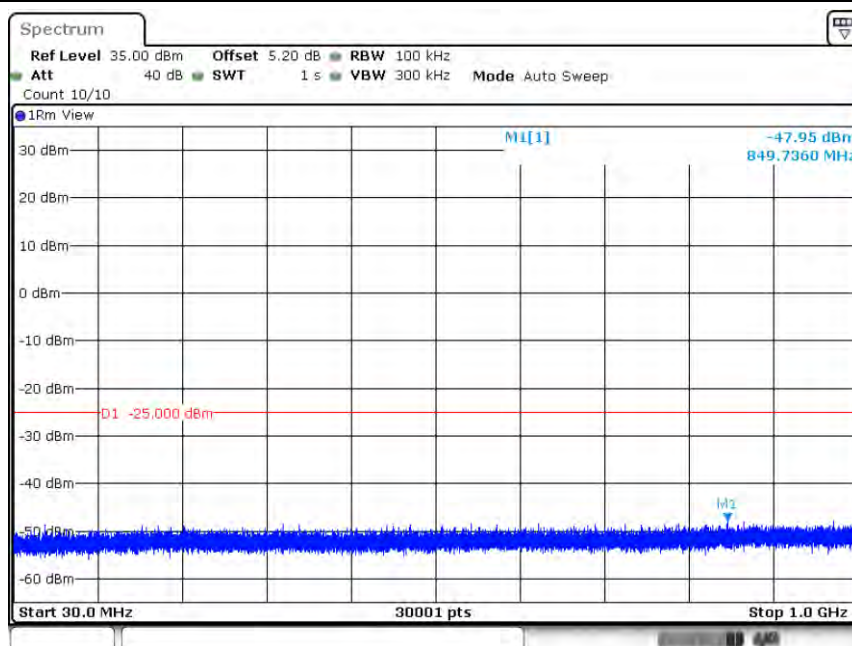


Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 11.JAN.2021 08:34:59

Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz

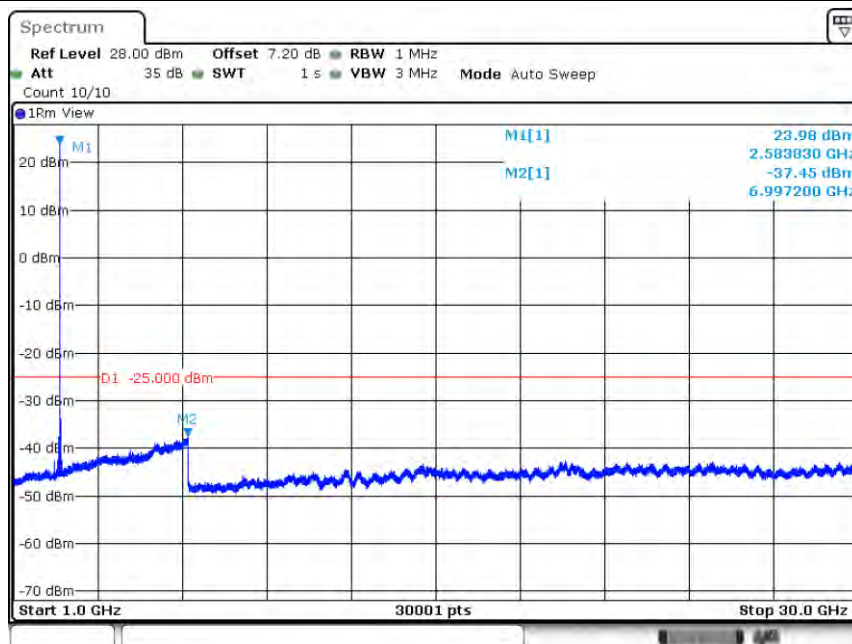


Date: 11.JAN.2021 08:35:19



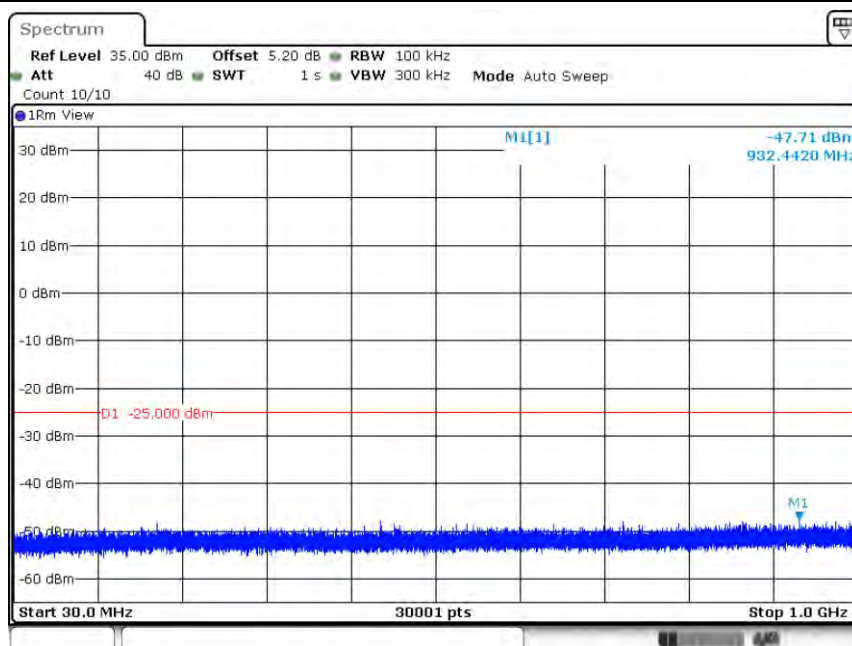


Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 11.JAN.2021 08:35:35

Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



Date: 11.JAN.2021 08:35:54

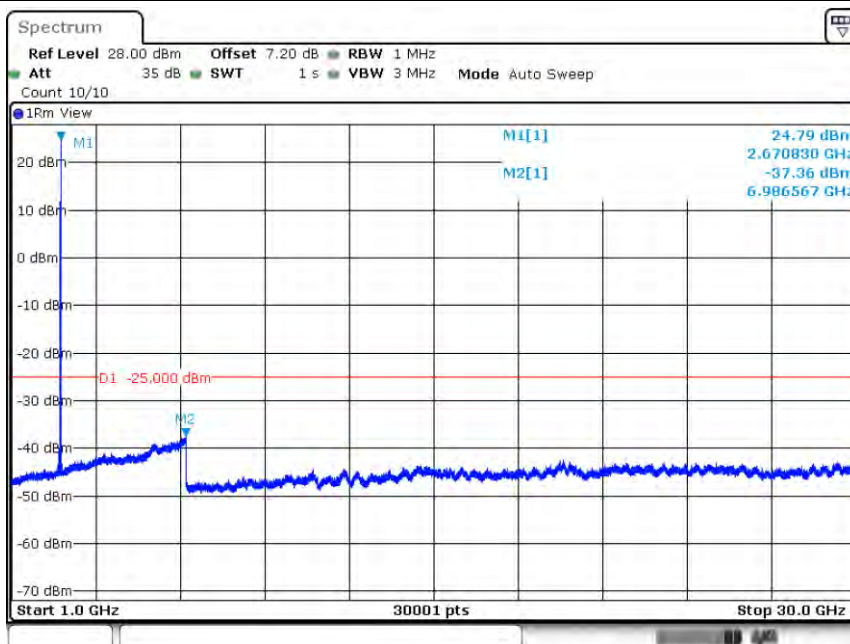


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

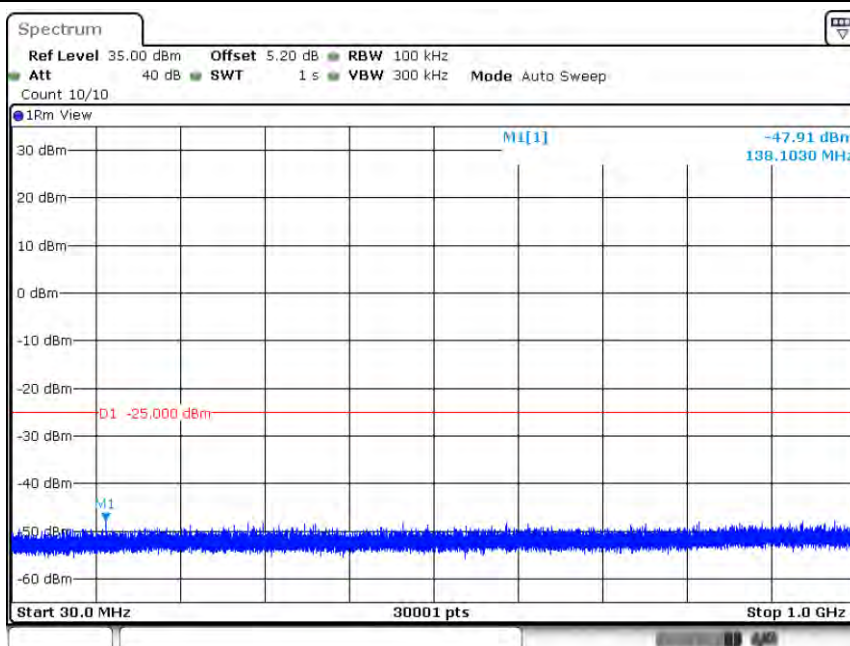


Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 11 JAN 2021 08:36:11

Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz

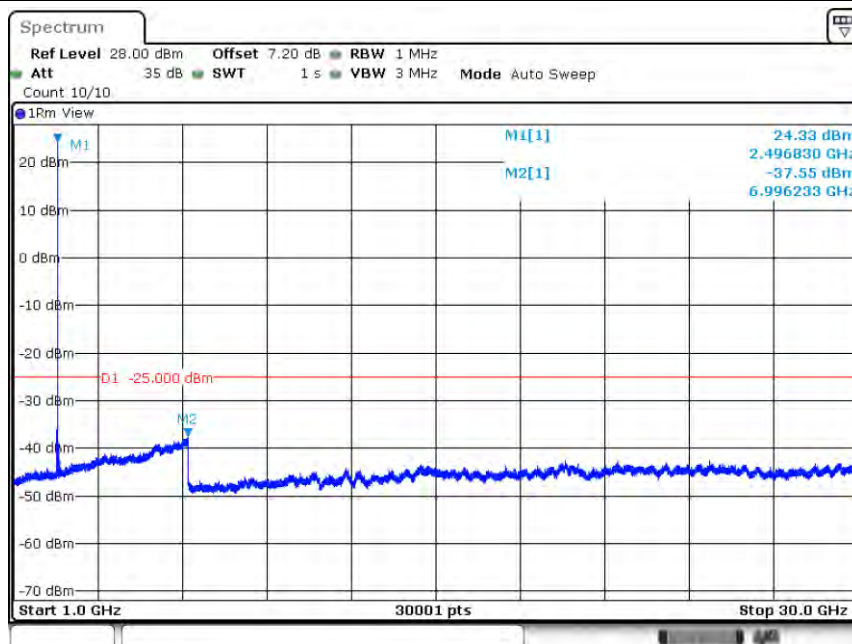


Date: 10 JAN 2021 21:08:26



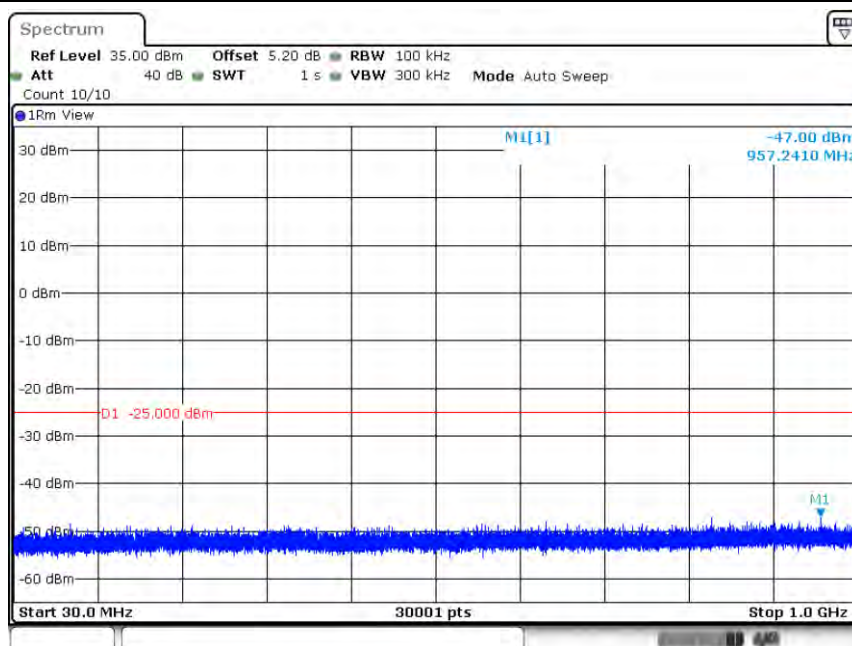


Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 10 JAN 2021 21:08:42

Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz

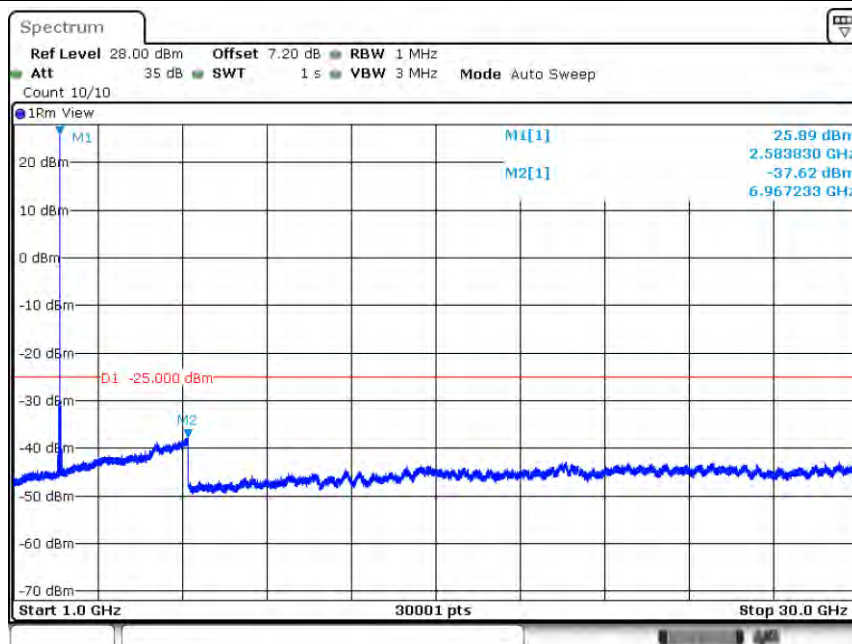


Date: 10 JAN 2021 21:09:37



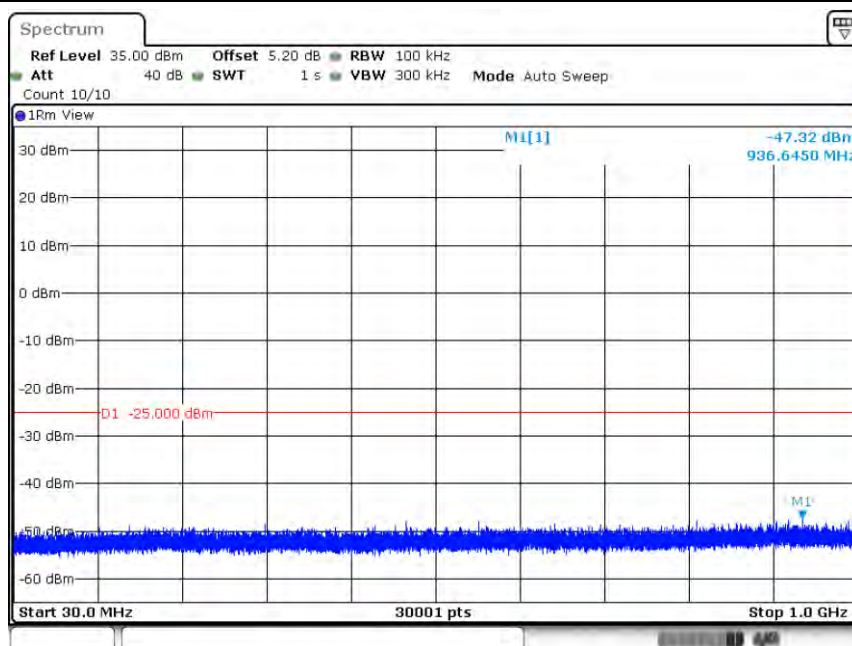
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 10 JAN 2021 21:09:53

Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



Date: 10 JAN 2021 21:10:48

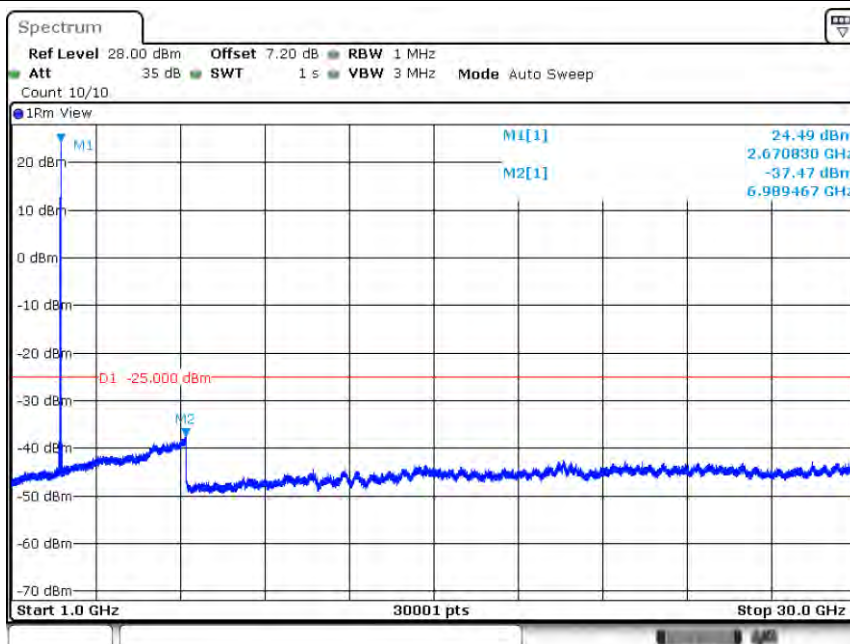


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 10 JAN 2021 21:11:04



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

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 Band = LTE_41-20M_TM1

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.8417	-70.35	-63.34	-25.00	38.34	Horizontal
2	601.2131	-71.69	-64.04	-25.00	39.04	Horizontal
3	1811.7624	-68.34	-42.41	-25.00	17.41	Horizontal
4	3617.0206	-52.47	-60.63	-25.00	35.63	Horizontal
5	9311.2104	-57.68	-51.85	-25.00	26.85	Horizontal
6	16395.446	-57.12	-42.75	-25.00	17.75	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



7.2. Test Band = LTE_41-20M_TM1

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	118.5169	-69.90	-64.24	-25.00	39.24	Vertical
2	599.9520	-71.53	-63.89	-25.00	38.89	Vertical
3	1634.9270	-68.60	-43.83	-25.00	18.83	Vertical
4	3883.0294	-52.81	-61.53	-25.00	36.53	Vertical
5	14477.382	-58.84	-46.51	-25.00	21.51	Vertical
6	17994.999	-56.34	-38.59	-25.00	13.59	Vertical



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



7.3. Test Band = LTE_41-20M_TM1

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6220	-69.23	-62.44	-25.00	37.44	Horizontal
2	529.0900	-70.67	-64.75	-25.00	39.75	Horizontal
3	1802.5605	-68.46	-42.44	-25.00	17.44	Horizontal
4	3528.0176	-52.10	-60.80	-25.00	35.80	Horizontal
5	9322.2107	-57.42	-51.69	-25.00	26.69	Horizontal
6	16379.946	-56.87	-42.78	-25.00	17.78	Horizontal



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



7.4. Test Band = LTE_41-20M_TM1

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	112.5996	-70.64	-64.46	-25.00	39.46	Vertical
2	585.7408	-71.15	-64.21	-25.00	39.21	Vertical
3	1796.1592	-68.48	-43.21	-25.00	18.21	Vertical
4	3813.0271	-52.47	-61.30	-25.00	36.30	Vertical
5	14501.883	-59.44	-46.95	-25.00	21.95	Vertical
6	17997.499	-56.12	-38.30	-25.00	13.30	Vertical



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



7.5. Test Band = LTE_41-20M_TM1

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.1855	-70.04	-63.27	-25.00	38.27	Horizontal
2	593.4527	-70.51	-63.03	-25.00	38.03	Horizontal
3	1582.1164	-68.13	-43.84	-25.00	18.84	Horizontal
4	5342.0781	-50.33	-57.33	-25.00	32.33	Horizontal
5	11866.2955	-56.77	-50.15	-25.00	25.15	Horizontal
6	16396.446	-57.16	-42.77	-25.00	17.77	Horizontal



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



7.6. Test Band = LTE_41-20M_TM1

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.1189	-69.66	-63.92	-25.00	38.92	Vertical
2	559.7435	-70.20	-64.55	-25.00	39.55	Vertical
3	1629.3259	-68.34	-43.60	-25.00	18.60	Vertical
4	3804.5268	-52.50	-61.34	-25.00	36.34	Vertical
5	14498.883	-59.53	-47.03	-25.00	22.03	Vertical
6	17999.500	-56.48	-38.61	-25.00	13.61	Vertical

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.





8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	-0.90	-0.000359	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	3.30	0.001317	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	0.80	0.000319	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	2.40	0.000926	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	0.40	0.000154	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	4.10	0.001581	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	3.20	0.001194	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	1.80	0.000672	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	1.60	0.000597	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	1.50	0.000599	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	1.00	0.000399	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	2.10	0.000838	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	0.70	0.000270	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	1.60	0.000617	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	0.30	0.000116	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	3.60	0.001343	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	1.40	0.000522	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	0.90	0.000336	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	0.60	0.000239	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	2.00	0.000798	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	2.80	0.001117	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-0.10	-0.000039	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	3.30	0.001273	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	1.70	0.000656	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	2.90	0.001082	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	3.20	0.001194	±2.5	PASS





8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	0.90	0.000359	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	0.80	0.000319	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	1.50	0.000599	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	2.60	0.001038	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	3.10	0.001237	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	0.50	0.000200	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	2.80	0.001117	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	0.10	0.000040	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	2.70	0.001077	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	2.30	0.000887	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	1.00	0.000386	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	2.30	0.000887	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	3.10	0.001196	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	0.10	0.000039	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	0.60	0.000231	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	2.40	0.000926	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	2.00	0.000771	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	1.30	0.000501	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	3.50	0.001306	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	3.10	0.001157	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	1.30	0.000485	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	3.70	0.001381	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	1.10	0.000410	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	2.80	0.001045	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	2.50	0.000933	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	1.00	0.000373	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	2.50	0.000998	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	0.50	0.000200	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	1.30	0.000519	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	3.50	0.001397	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	3.20	0.001277	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	1.00	0.000399	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	3.20	0.001277	±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



Band41	20MHz	64QAM	39750	100RB#0	NV	40	1.20	0.000479	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	2.10	0.000838	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	2.30	0.000887	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	3.40	0.001311	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	1.50	0.000578	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	1.90	0.000733	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	3.30	0.001273	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	0.70	0.000270	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	1.70	0.000656	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	0.50	0.000193	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	2.10	0.000810	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	1.30	0.000485	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	3.60	0.001343	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	1.50	0.000560	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	2.70	0.001007	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	1.60	0.000597	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	1.90	0.000709	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	1.90	0.000709	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	1.10	0.000410	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	1.70	0.000634	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	1.30	0.000519	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	2.80	0.001117	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	3.40	0.001357	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	1.70	0.000678	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	0.30	0.000120	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	1.00	0.000399	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	3.70	0.001476	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	2.50	0.000998	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	3.60	0.001437	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	2.30	0.000887	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	0.90	0.000347	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	0.20	0.000077	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	0.80	0.000309	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	1.00	0.000386	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	2.10	0.000810	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	2.90	0.001118	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	2.70	0.001041	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	2.50	0.000964	±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



Band41	20MHz	16QAM	41490	100RB#0	NV	-30	4.40	0.001642	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	0.80	0.000299	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	2.40	0.000896	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	1.90	0.000709	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	3.20	0.001194	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	4.60	0.001716	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	4.20	0.001567	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	1.60	0.000597	±2.5	PASS



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

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

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

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