Appendix B

E-UTRA Band 71

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 3

1.1. TEST RESULT 3

2. PEAK-TO-AVERAGE RATIO (CCDF) 11

2.1. TEST RESULT 11

2.2. TEST PLOTS 11

3. MODULATION CHARACTERISTICS 16

3.1. TEST MODE = LTE /TM1 20MHZ 16

3.1.1. TEST CHANNEL = MCH 16

3.2. TEST MODE = LTE /TM2 20MHZ 17

3.2.1. TEST CHANNEL = MCH 17

3.3. TEST MODE = LTE /TM3 20MHZ 18

3.3.1. TEST CHANNEL = MCH 18

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 19

4.1. TEST RESULT 19

4.2. TEST PLOTS 20

5. BAND EDGE COMPLIANCE 39

5.1. TEST PLOTS 39

6. SPURIOUS EMISSION AT ANTENNA TERMINAL 64

6.1. TEST PLOTS 64

7. FIELD STRENGTH OF SPURIOUS RADIATION 74

7.1. TEST MODE =LTE/TM1 20MHZ 74

7.1.1. TEST CHANNEL = LCH 74

7.1.2. TEST CHANNEL = MCH 74

7.1.3. TEST CHANNEL = HCH 75

8. FREQUENCY STABILITY 76

8.1. FREQUENCY VS VOLTAGE 76

8.2. FREQUENCY VS TEMPERATURE 76

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.93	26.93	36.98	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.21	27.21	36.98	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.13	27.13	36.98	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.45	26.45	36.98	PASS
Band71	5MHz	QPSK	133147	12RB#0	22.24	26.24	36.98	PASS
Band71	5MHz	QPSK	133147	12RB#6	22.38	26.38	36.98	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.43	26.43	36.98	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.19	27.19	36.98	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.28	27.28	36.98	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.28	27.28	36.98	PASS
Band71	5MHz	QPSK	133297	12RB#13	22.38	26.38	36.98	PASS
Band71	5MHz	QPSK	133297	12RB#0	22.34	26.34	36.98	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.37	26.37	36.98	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.37	26.37	36.98	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.19	27.19	36.98	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.18	27.18	36.98	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.15	27.15	36.98	PASS
Band71	5MHz	QPSK	133447	12RB#6	22.32	26.32	36.98	PASS
Band71	5MHz	QPSK	133447	12RB#13	22.31	26.31	36.98	PASS
Band71	5MHz	QPSK	133447	12RB#0	22.20	26.2	36.98	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.32	26.32	36.98	PASS
Band71	5MHz	64QAM	133147	1RB#12	22.91	26.91	36.98	PASS
Band71	5MHz	64QAM	133147	1RB#0	22.80	26.8	36.98	PASS
Band71	5MHz	64QAM	133147	1RB#24	22.89	26.89	36.98	PASS
Band71	5MHz	64QAM	133147	12RB#6	21.90	25.9	36.98	PASS
Band71	5MHz	64QAM	133147	12RB#13	21.91	25.91	36.98	PASS
Band71	5MHz	64QAM	133147	12RB#0	21.82	25.82	36.98	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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)

Band71	5MHz	64QAM	133147	25RB#0	21.88	25.88	36.98	PASS
Band71	5MHz	64QAM	133297	1RB#0	22.91	26.91	36.98	PASS
Band71	5MHz	64QAM	133297	1RB#12	22.93	26.93	36.98	PASS
Band71	5MHz	64QAM	133297	1RB#24	22.94	26.94	36.98	PASS
Band71	5MHz	64QAM	133297	12RB#13	21.86	25.86	36.98	PASS
Band71	5MHz	64QAM	133297	12RB#0	21.79	25.79	36.98	PASS
Band71	5MHz	64QAM	133297	12RB#6	21.84	25.84	36.98	PASS
Band71	5MHz	64QAM	133297	25RB#0	21.78	25.78	36.98	PASS
Band71	5MHz	64QAM	133447	1RB#12	22.89	26.89	36.98	PASS
Band71	5MHz	64QAM	133447	1RB#24	22.94	26.94	36.98	PASS
Band71	5MHz	64QAM	133447	1RB#0	22.78	26.78	36.98	PASS
Band71	5MHz	64QAM	133447	12RB#0	21.79	25.79	36.98	PASS
Band71	5MHz	64QAM	133447	12RB#6	21.87	25.87	36.98	PASS
Band71	5MHz	64QAM	133447	12RB#13	21.91	25.91	36.98	PASS
Band71	5MHz	64QAM	133447	25RB#0	21.87	25.87	36.98	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.32	26.32	36.98	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.40	26.4	36.98	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.32	26.32	36.98	PASS
Band71	5MHz	16QAM	133147	12RB#0	21.28	25.28	36.98	PASS
Band71	5MHz	16QAM	133147	12RB#6	21.39	25.39	36.98	PASS
Band71	5MHz	16QAM	133147	12RB#13	21.47	25.47	36.98	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.44	25.44	36.98	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.44	26.44	36.98	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.51	26.51	36.98	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.52	26.52	36.98	PASS
Band71	5MHz	16QAM	133297	12RB#6	21.36	25.36	36.98	PASS
Band71	5MHz	16QAM	133297	12RB#0	21.34	25.34	36.98	PASS
Band71	5MHz	16QAM	133297	12RB#13	21.40	25.4	36.98	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.39	25.39	36.98	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.44	26.44	36.98	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.58	26.58	36.98	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.39	26.39	36.98	PASS
Band71	5MHz	16QAM	133447	12RB#0	21.26	25.26	36.98	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

Band71	5MHz	16QAM	133447	12RB#6	21.38	25.38	36.98	PASS
Band71	5MHz	16QAM	133447	12RB#13	21.38	25.38	36.98	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.27	25.27	36.98	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.39	27.39	36.98	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.21	27.21	36.98	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.17	27.17	36.98	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.39	26.39	36.98	PASS
Band71	10MHz	QPSK	133172	25RB#12	22.44	26.44	36.98	PASS
Band71	10MHz	QPSK	133172	25RB#25	22.36	26.36	36.98	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.38	26.38	36.98	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.32	27.32	36.98	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.15	27.15	36.98	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.23	27.23	36.98	PASS
Band71	10MHz	QPSK	133297	25RB#25	22.33	26.33	36.98	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.35	26.35	36.98	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.36	26.36	36.98	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.34	26.34	36.98	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.14	27.14	36.98	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.27	27.27	36.98	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.06	27.06	36.98	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.25	26.25	36.98	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.30	26.3	36.98	PASS
Band71	10MHz	QPSK	133422	25RB#12	22.32	26.32	36.98	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.26	26.26	36.98	PASS
Band71	10MHz	64QAM	133172	1RB#0	22.92	26.92	36.98	PASS
Band71	10MHz	64QAM	133172	1RB#49	22.80	26.8	36.98	PASS
Band71	10MHz	64QAM	133172	1RB#24	22.67	26.67	36.98	PASS
Band71	10MHz	64QAM	133172	25RB#25	21.82	25.82	36.98	PASS
Band71	10MHz	64QAM	133172	25RB#12	21.85	25.85	36.98	PASS
Band71	10MHz	64QAM	133172	25RB#0	21.78	25.78	36.98	PASS
Band71	10MHz	64QAM	133172	50RB#0	21.85	25.85	36.98	PASS
Band71	10MHz	64QAM	133297	1RB#0	22.94	26.94	36.98	PASS
Band71	10MHz	64QAM	133297	1RB#24	22.89	26.89	36.98	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC 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

Member of the SGS Group (SGS SA)

Band71	10MHz	64QAM	133297	1RB#49	22.77	26.77	36.98	PASS
Band71	10MHz	64QAM	133297	25RB#0	21.79	25.79	36.98	PASS
Band71	10MHz	64QAM	133297	25RB#12	21.83	25.83	36.98	PASS
Band71	10MHz	64QAM	133297	25RB#25	21.76	25.76	36.98	PASS
Band71	10MHz	64QAM	133297	50RB#0	21.84	25.84	36.98	PASS
Band71	10MHz	64QAM	133422	1RB#24	22.77	26.77	36.98	PASS
Band71	10MHz	64QAM	133422	1RB#49	22.88	26.88	36.98	PASS
Band71	10MHz	64QAM	133422	1RB#0	22.99	26.99	36.98	PASS
Band71	10MHz	64QAM	133422	25RB#0	21.82	25.82	36.98	PASS
Band71	10MHz	64QAM	133422	25RB#12	21.83	25.83	36.98	PASS
Band71	10MHz	64QAM	133422	25RB#25	21.82	25.82	36.98	PASS
Band71	10MHz	64QAM	133422	50RB#0	21.84	25.84	36.98	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.46	26.46	36.98	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.54	26.54	36.98	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.52	26.52	36.98	PASS
Band71	10MHz	16QAM	133172	25RB#0	21.32	25.32	36.98	PASS
Band71	10MHz	16QAM	133172	25RB#12	21.33	25.33	36.98	PASS
Band71	10MHz	16QAM	133172	25RB#25	21.33	25.33	36.98	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.40	25.4	36.98	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.50	26.5	36.98	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.54	26.54	36.98	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.43	26.43	36.98	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.27	25.27	36.98	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.31	25.31	36.98	PASS
Band71	10MHz	16QAM	133297	25RB#0	21.36	25.36	36.98	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.37	25.37	36.98	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.53	26.53	36.98	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.56	26.56	36.98	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.47	26.47	36.98	PASS
Band71	10MHz	16QAM	133422	25RB#0	21.26	25.26	36.98	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.27	25.27	36.98	PASS
Band71	10MHz	16QAM	133422	25RB#12	21.25	25.25	36.98	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.31	25.31	36.98	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

Band71	15MHz	QPSK	133197	1RB#0	23.40	27.4	36.98	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.36	27.36	36.98	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.43	27.43	36.98	PASS
Band71	15MHz	QPSK	133197	36RB#0	22.53	26.53	36.98	PASS
Band71	15MHz	QPSK	133197	36RB#39	22.49	26.49	36.98	PASS
Band71	15MHz	QPSK	133197	36RB#18	22.55	26.55	36.98	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.58	26.58	36.98	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.40	27.4	36.98	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.37	27.37	36.98	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.39	27.39	36.98	PASS
Band71	15MHz	QPSK	133297	36RB#0	22.53	26.53	36.98	PASS
Band71	15MHz	QPSK	133297	36RB#39	22.42	26.42	36.98	PASS
Band71	15MHz	QPSK	133297	36RB#18	22.53	26.53	36.98	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.46	26.46	36.98	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.32	27.32	36.98	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.51	27.51	36.98	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.37	27.37	36.98	PASS
Band71	15MHz	QPSK	133397	36RB#0	22.47	26.47	36.98	PASS
Band71	15MHz	QPSK	133397	36RB#18	22.44	26.44	36.98	PASS
Band71	15MHz	QPSK	133397	36RB#39	22.39	26.39	36.98	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.44	26.44	36.98	PASS
Band71	15MHz	64QAM	133197	1RB#38	22.92	26.92	36.98	PASS
Band71	15MHz	64QAM	133197	1RB#0	23.11	27.11	36.98	PASS
Band71	15MHz	64QAM	133197	1RB#74	23.00	27	36.98	PASS
Band71	15MHz	64QAM	133197	36RB#39	21.97	25.97	36.98	PASS
Band71	15MHz	64QAM	133197	36RB#18	21.95	25.95	36.98	PASS
Band71	15MHz	64QAM	133197	36RB#0	21.95	25.95	36.98	PASS
Band71	15MHz	64QAM	133197	75RB#0	21.94	25.94	36.98	PASS
Band71	15MHz	64QAM	133297	1RB#0	23.13	27.13	36.98	PASS
Band71	15MHz	64QAM	133297	1RB#38	22.94	26.94	36.98	PASS
Band71	15MHz	64QAM	133297	1RB#74	22.91	26.91	36.98	PASS
Band71	15MHz	64QAM	133297	36RB#18	21.94	25.94	36.98	PASS
Band71	15MHz	64QAM	133297	36RB#39	21.88	25.88	36.98	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Laboratory
检验检测专用章 Inspection & Testing Services

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)

Band71	15MHz	64QAM	133297	36RB#0	21.98	25.98	36.98	PASS
Band71	15MHz	64QAM	133297	75RB#0	21.92	25.92	36.98	PASS
Band71	15MHz	64QAM	133397	1RB#0	22.97	26.97	36.98	PASS
Band71	15MHz	64QAM	133397	1RB#38	22.98	26.98	36.98	PASS
Band71	15MHz	64QAM	133397	1RB#74	22.99	26.99	36.98	PASS
Band71	15MHz	64QAM	133397	36RB#0	21.90	25.9	36.98	PASS
Band71	15MHz	64QAM	133397	36RB#18	21.90	25.9	36.98	PASS
Band71	15MHz	64QAM	133397	36RB#39	21.96	25.96	36.98	PASS
Band71	15MHz	64QAM	133397	75RB#0	21.91	25.91	36.98	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.60	26.6	36.98	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.66	26.66	36.98	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.72	26.72	36.98	PASS
Band71	15MHz	16QAM	133197	36RB#0	21.56	25.56	36.98	PASS
Band71	15MHz	16QAM	133197	36RB#18	21.54	25.54	36.98	PASS
Band71	15MHz	16QAM	133197	36RB#39	21.49	25.49	36.98	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.53	25.53	36.98	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.75	26.75	36.98	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.74	26.74	36.98	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.63	26.63	36.98	PASS
Band71	15MHz	16QAM	133297	36RB#39	21.49	25.49	36.98	PASS
Band71	15MHz	16QAM	133297	36RB#0	21.54	25.54	36.98	PASS
Band71	15MHz	16QAM	133297	36RB#18	21.53	25.53	36.98	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.53	25.53	36.98	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.60	26.6	36.98	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.69	26.69	36.98	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.67	26.67	36.98	PASS
Band71	15MHz	16QAM	133397	36RB#39	21.39	25.39	36.98	PASS
Band71	15MHz	16QAM	133397	36RB#18	21.41	25.41	36.98	PASS
Band71	15MHz	16QAM	133397	36RB#0	21.43	25.43	36.98	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.43	25.43	36.98	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.42	27.42	36.98	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.36	27.36	36.98	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.46	27.46	36.98	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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)

Band71	20MHz	QPSK	133222	50RB#50	22.58	26.58	36.98	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.59	26.59	36.98	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.57	26.57	36.98	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.53	26.53	36.98	PASS
Band71	20MHz	QPSK	133322	1RB#99	23.39	27.39	36.98	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.40	27.4	36.98	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.30	27.3	36.98	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.51	26.51	36.98	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.43	26.43	36.98	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.57	26.57	36.98	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.50	26.5	36.98	PASS
Band71	20MHz	QPSK	133372	1RB#99	23.38	27.38	36.98	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.25	27.25	36.98	PASS
Band71	20MHz	QPSK	133372	1RB#0	23.45	27.45	36.98	PASS
Band71	20MHz	QPSK	133372	50RB#25	22.50	26.5	36.98	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.43	26.43	36.98	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.42	26.42	36.98	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.46	26.46	36.98	PASS
Band71	20MHz	64QAM	133222	1RB#0	23.12	27.12	36.98	PASS
Band71	20MHz	64QAM	133222	1RB#49	22.91	26.91	36.98	PASS
Band71	20MHz	64QAM	133222	1RB#99	22.89	26.89	36.98	PASS
Band71	20MHz	64QAM	133222	50RB#50	21.92	25.92	36.98	PASS
Band71	20MHz	64QAM	133222	50RB#25	21.96	25.96	36.98	PASS
Band71	20MHz	64QAM	133222	50RB#0	21.96	25.96	36.98	PASS
Band71	20MHz	64QAM	133222	100RB#0	21.99	25.99	36.98	PASS
Band71	20MHz	64QAM	133322	1RB#0	23.07	27.07	36.98	PASS
Band71	20MHz	64QAM	133322	1RB#99	22.90	26.9	36.98	PASS
Band71	20MHz	64QAM	133322	1RB#49	22.91	26.91	36.98	PASS
Band71	20MHz	64QAM	133322	50RB#50	21.94	25.94	36.98	PASS
Band71	20MHz	64QAM	133322	50RB#0	21.94	25.94	36.98	PASS
Band71	20MHz	64QAM	133322	50RB#25	21.95	25.95	36.98	PASS
Band71	20MHz	64QAM	133322	100RB#0	21.92	25.92	36.98	PASS
Band71	20MHz	64QAM	133372	1RB#0	23.11	27.11	36.98	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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)

Band71	20MHz	64QAM	133372	1RB#49	22.86	26.86	36.98	PASS
Band71	20MHz	64QAM	133372	1RB#99	22.95	26.95	36.98	PASS
Band71	20MHz	64QAM	133372	50RB#50	21.92	25.92	36.98	PASS
Band71	20MHz	64QAM	133372	50RB#0	21.86	25.86	36.98	PASS
Band71	20MHz	64QAM	133372	50RB#25	21.92	25.92	36.98	PASS
Band71	20MHz	64QAM	133372	100RB#0	21.88	25.88	36.98	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.70	26.7	36.98	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.76	26.76	36.98	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.62	26.62	36.98	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.54	25.54	36.98	PASS
Band71	20MHz	16QAM	133222	50RB#25	21.53	25.53	36.98	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.61	25.61	36.98	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.52	25.52	36.98	PASS
Band71	20MHz	16QAM	133322	1RB#0	22.73	26.73	36.98	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.60	26.6	36.98	PASS
Band71	20MHz	16QAM	133322	1RB#99	22.59	26.59	36.98	PASS
Band71	20MHz	16QAM	133322	50RB#25	21.51	25.51	36.98	PASS
Band71	20MHz	16QAM	133322	50RB#0	21.54	25.54	36.98	PASS
Band71	20MHz	16QAM	133322	50RB#50	21.46	25.46	36.98	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.50	25.5	36.98	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.70	26.7	36.98	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.52	26.52	36.98	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.65	26.65	36.98	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.43	25.43	36.98	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.47	25.47	36.98	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.46	25.46	36.98	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.46	25.46	36.98	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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC 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
Member of the SGS Group (SGS SA)

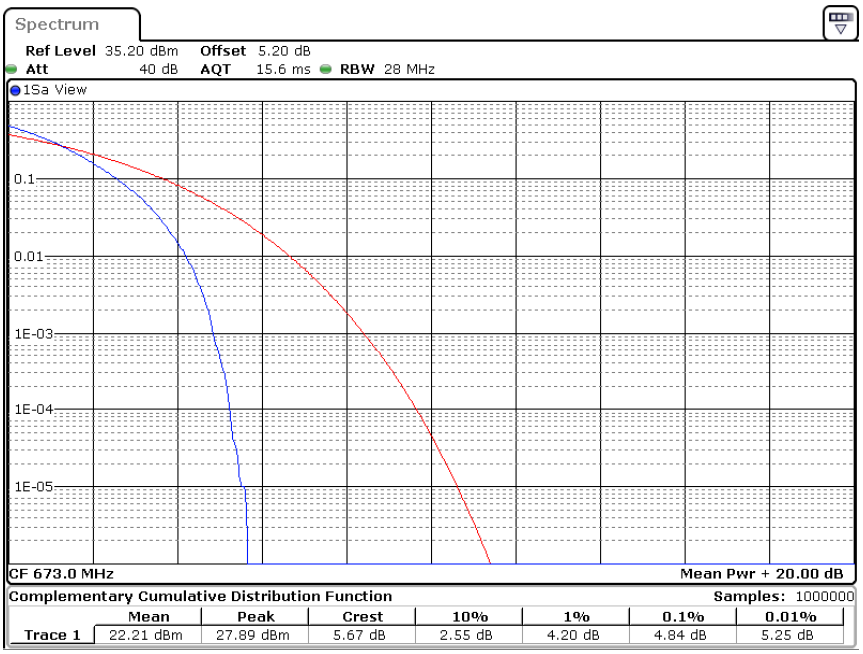
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	4.84	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	4.38	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	4.72	13	PASS
Band71	20MHz	64QAM	133222	100RB#0	6.23	13	PASS
Band71	20MHz	64QAM	133322	100RB#0	6.06	13	PASS
Band71	20MHz	64QAM	133372	100RB#0	6.14	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	5.65	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	5.30	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	5.57	13	PASS

2.2. Test Plots

Band71-20MHz-QPSK-133222-100RB#0



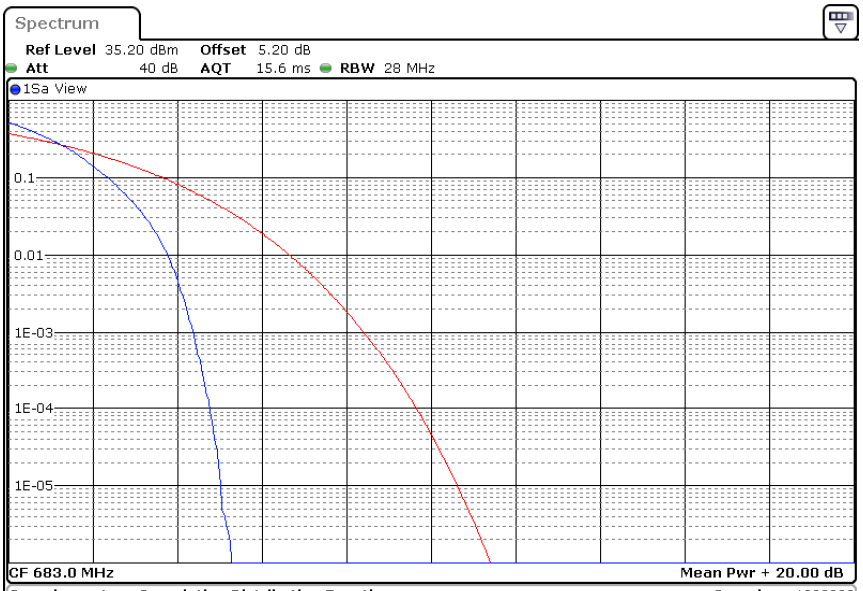
Date: 16.JUL.2020 05:38:31

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

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)

Band71-20MHz-QPSK-133322-100RB#0

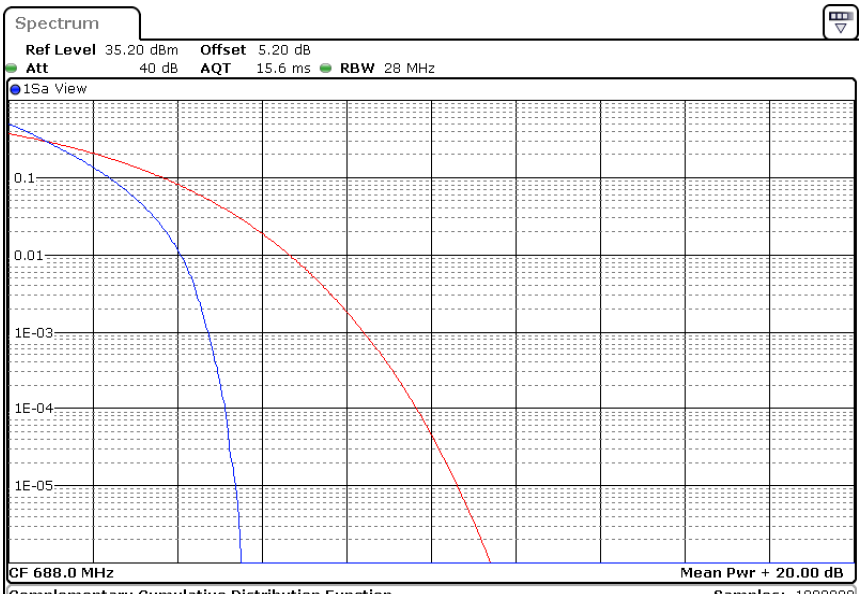


Complementary Cumulative Distribution Function Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	20.84 dBm	26.11 dBm	5.27 dB	2.32 dB	3.77 dB	4.38 dB	4.75 dB

Date: 16.JUL.2020 05:38:54

Band71-20MHz-QPSK-133372-100RB#0



Complementary Cumulative Distribution Function Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	19.99 dBm	25.49 dBm	5.50 dB	2.38 dB	4.09 dB	4.72 dB	5.13 dB

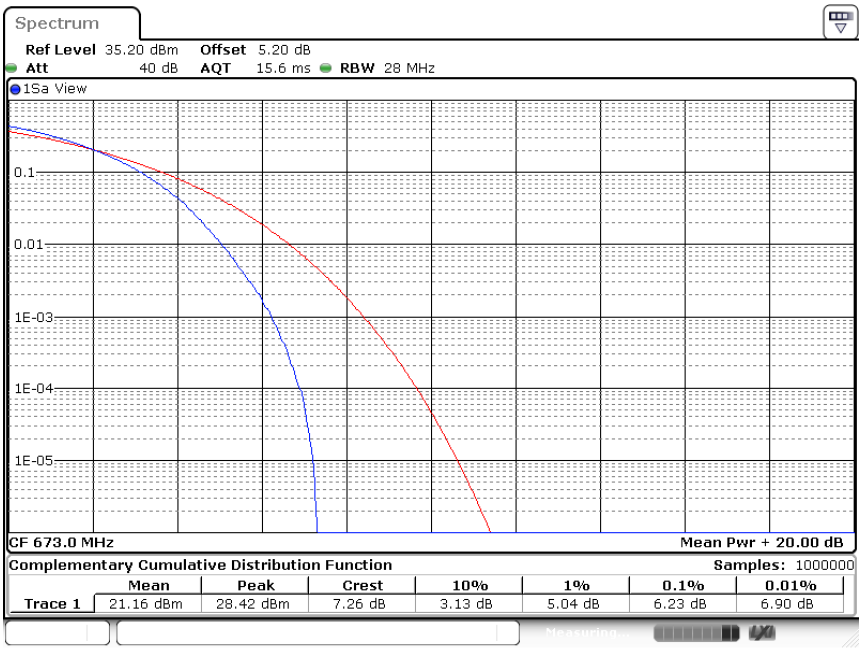
Date: 16.JUL.2020 05:39:17

通标标准技术服务有限公司深圳分公司
检验检测专用章
Inspection & Testing Services
SGS-CSTC Standards Technical Services Co.,Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

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

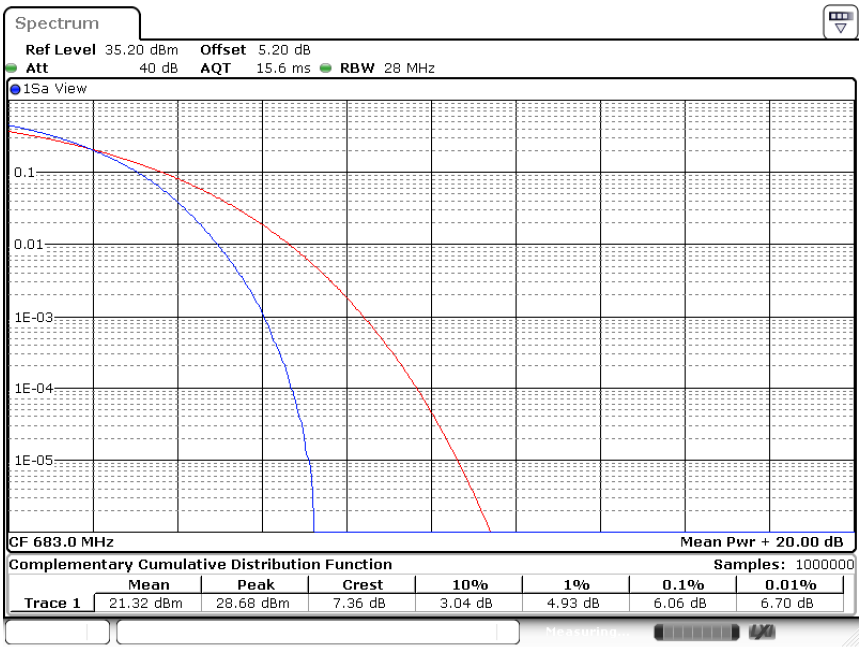
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band71-20MHz-64QAM-133222-100RB#0



Date: 12.AUG.2020 13:25:06

Band71-20MHz-64QAM-133322-100RB#0



Date: 12.AUG.2020 13:25:17

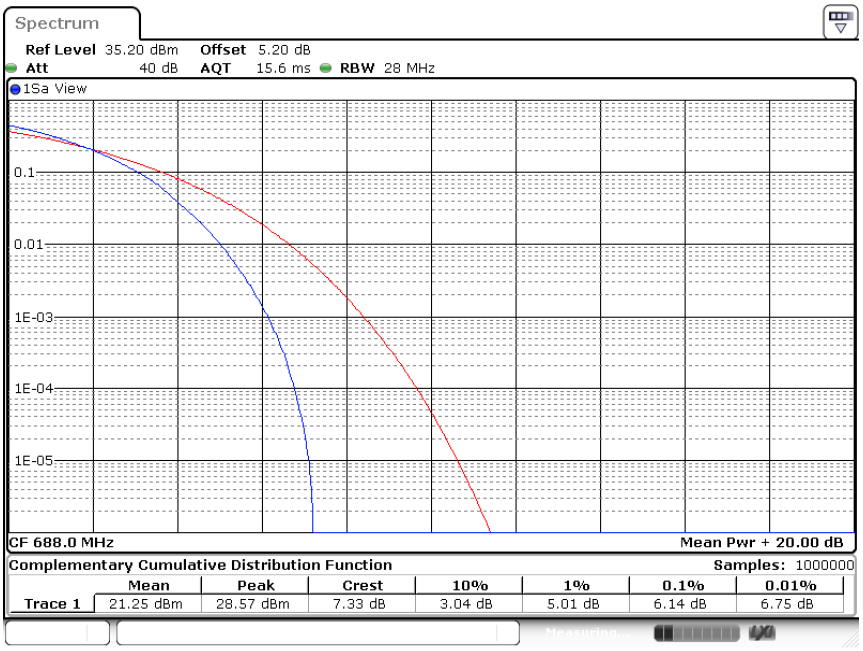
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Electrical Services Co. Shenzhen EEC Laboratory
检验检测专用章 Inspection & Testing Services

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

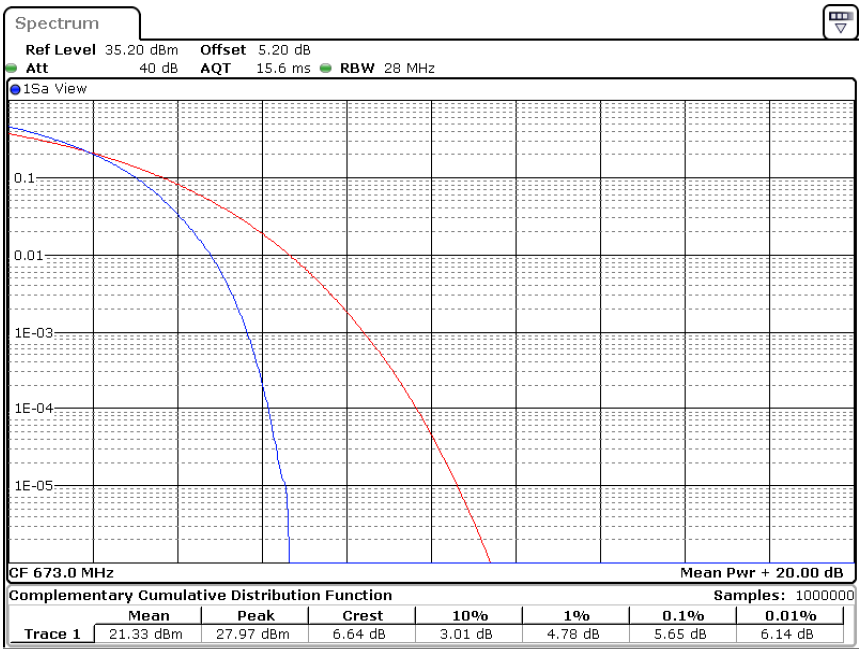
Member of the SGS Group (SGS SA)

Band71-20MHz-64QAM-133372-100RB#0



Date: 12.AUG.2020 13:25:29

Band71-20MHz-16QAM-133222-100RB#0



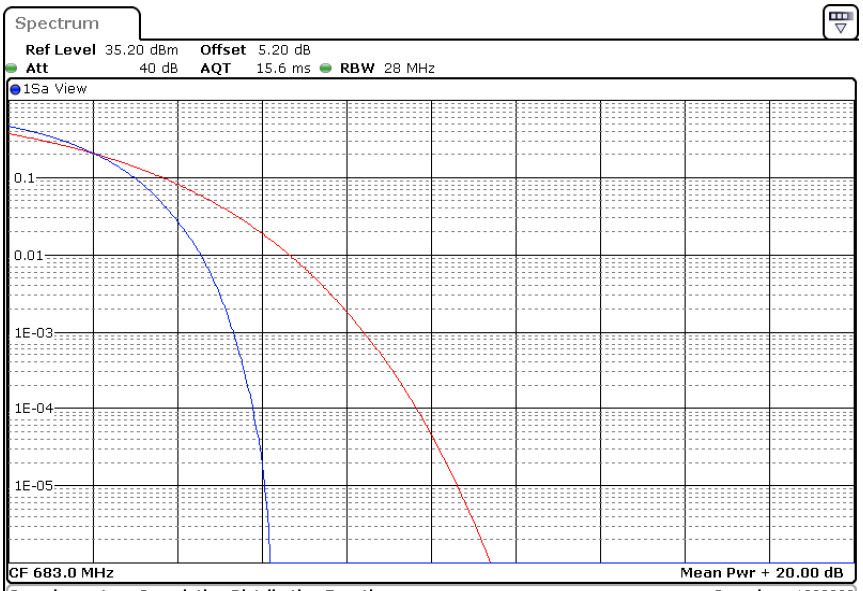
Date: 16.JUL.2020 05:38:42

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-20MHz-16QAM-133322-100RB#0

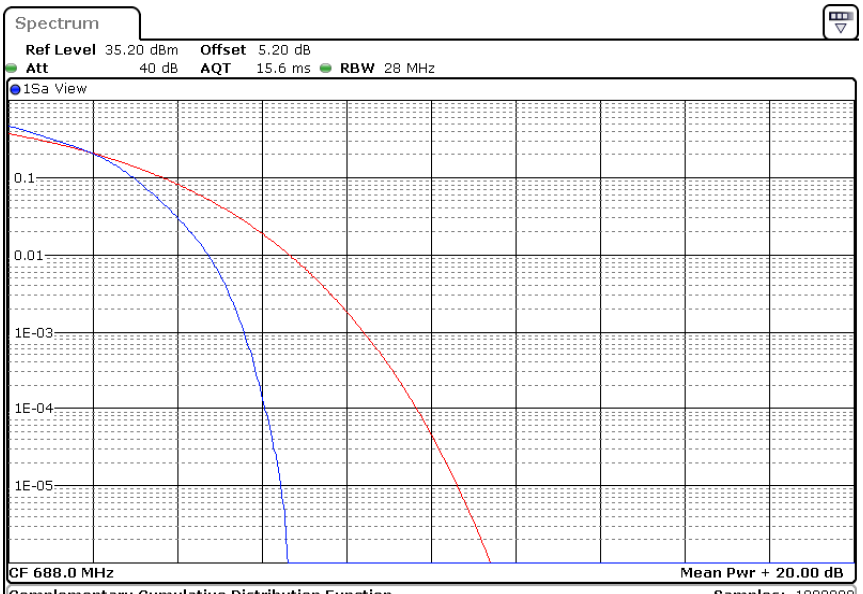


Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	19.79 dBm	25.97 dBm	6.18 dB	2.99 dB	4.55 dB	5.30 dB	5.80 dB

Date: 16.JUL.2020 05:39:05

Band71-20MHz-16QAM-133372-100RB#0



Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	18.95 dBm	25.57 dBm	6.62 dB	2.93 dB	4.72 dB	5.57 dB	6.09 dB

Date: 16.JUL.2020 05:39:28

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

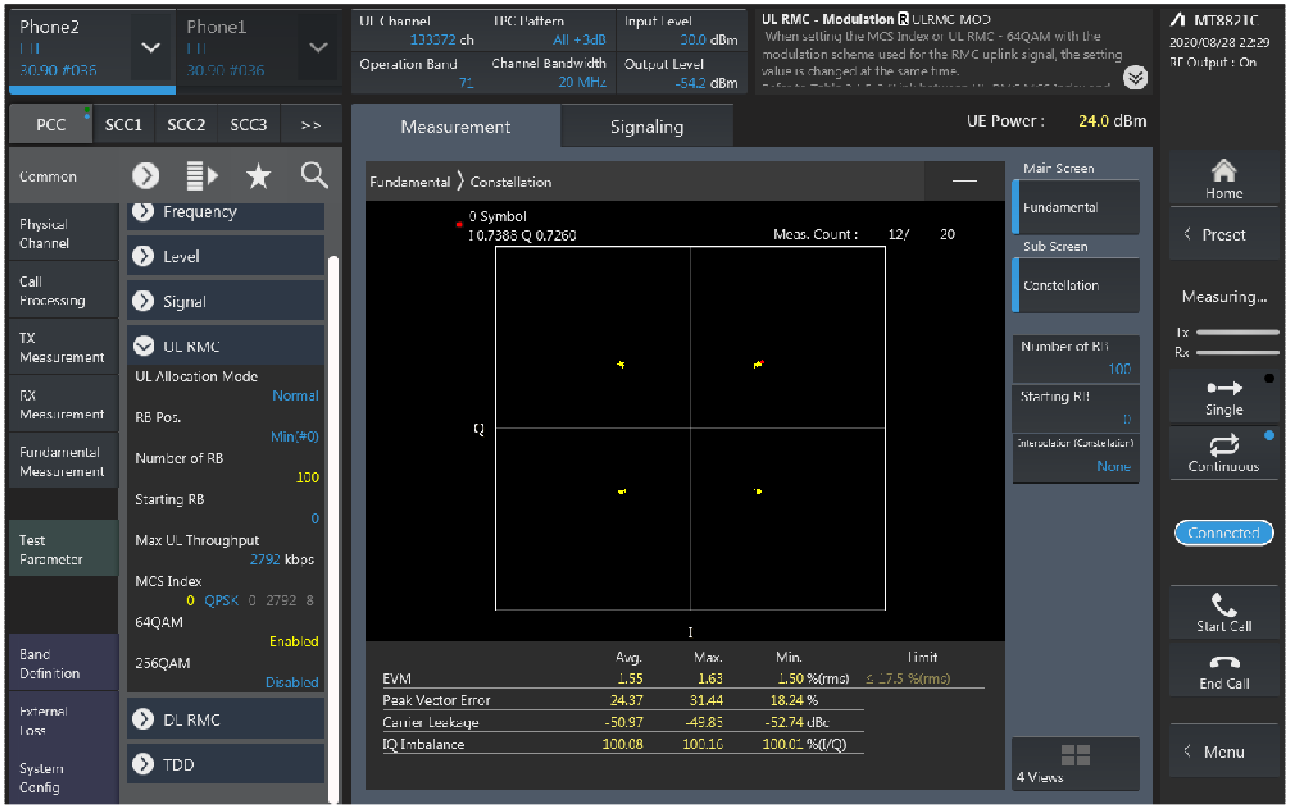
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

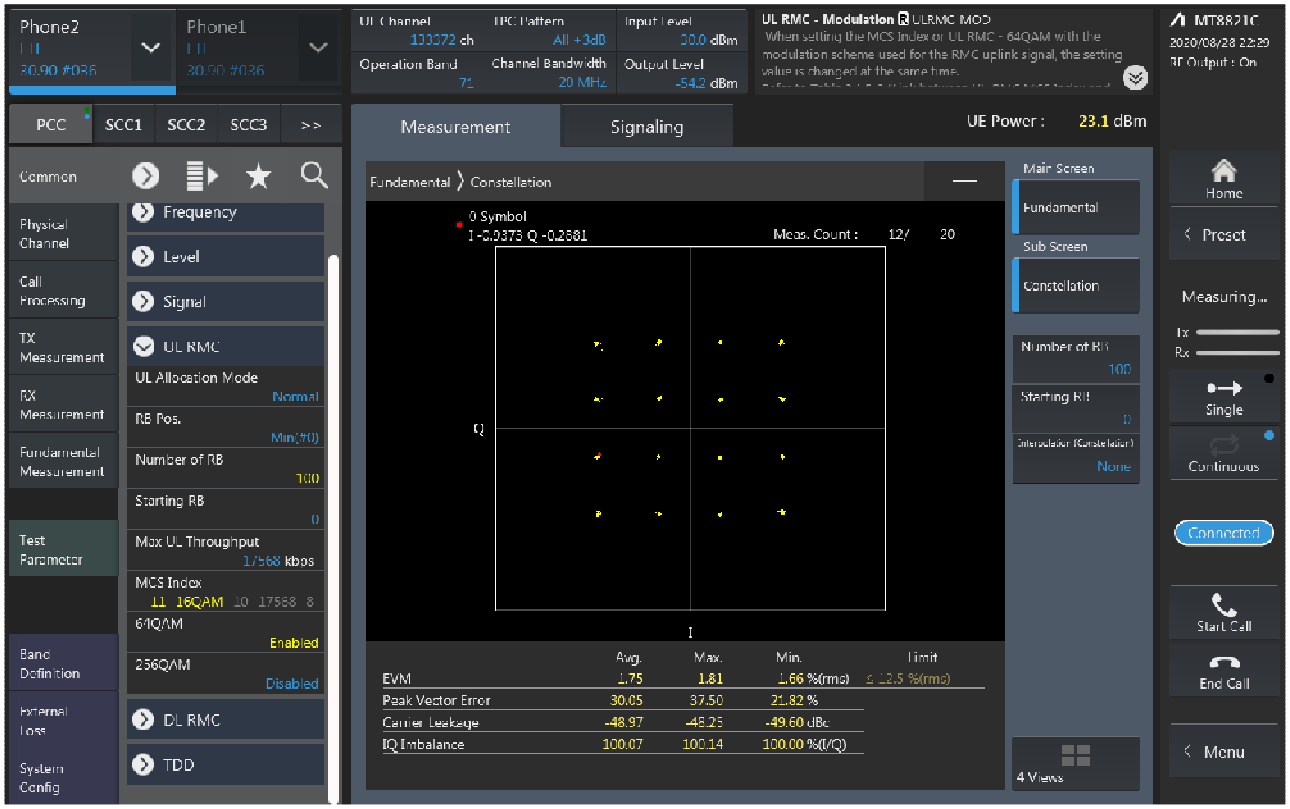
3.1.1.Test Channel = MCH



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-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
Member of the SGS Group (SGS SA)

3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



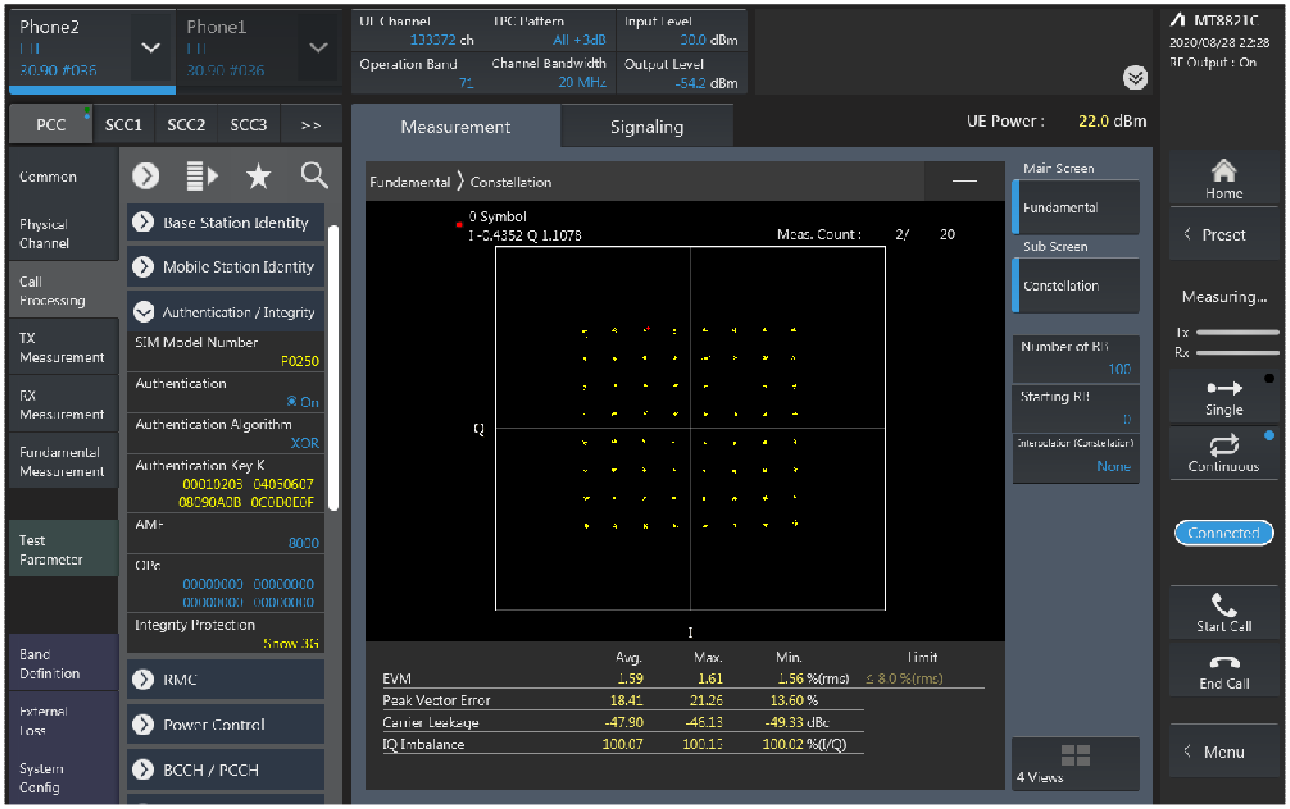
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

3.3. 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-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

4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

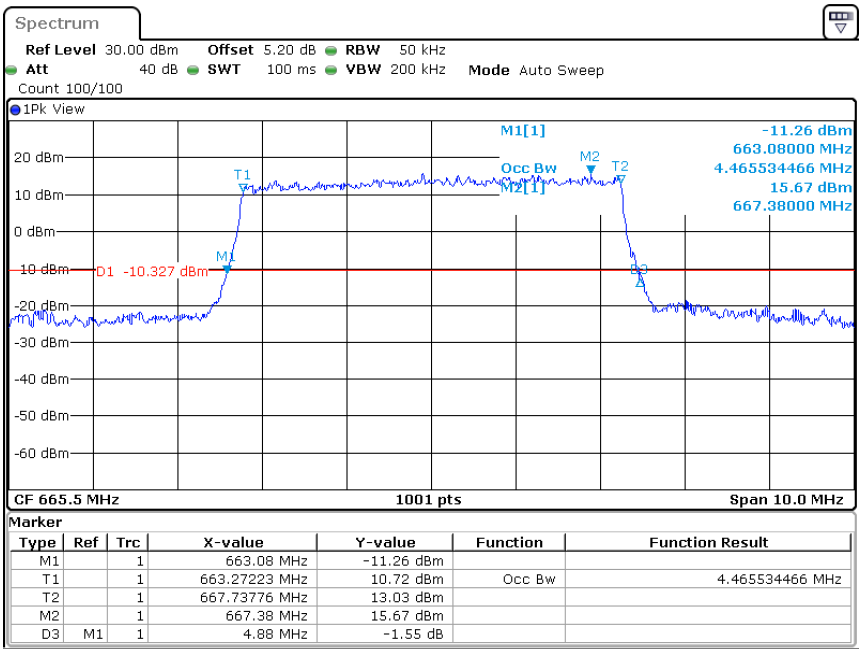
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.466	4.880	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.466	4.880	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.466	4.890	PASS
Band71	5MHz	64QAM	133147	25RB#0	4.466	4.870	PASS
Band71	5MHz	64QAM	133297	25RB#0	4.466	4.880	PASS
Band71	5MHz	64QAM	133447	25RB#0	4.466	4.870	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.476	4.920	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.486	4.940	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.486	4.940	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.891	9.600	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.931	9.640	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.951	9.680	PASS
Band71	10MHz	64QAM	133172	50RB#0	8.891	9.560	PASS
Band71	10MHz	64QAM	133297	50RB#0	8.911	9.600	PASS
Band71	10MHz	64QAM	133422	50RB#0	8.951	9.680	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.891	9.620	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.911	9.680	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.951	9.700	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.397	14.640	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.337	14.580	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.516	14.700	PASS
Band71	15MHz	64QAM	133197	75RB#0	13.367	14.880	PASS
Band71	15MHz	64QAM	133297	75RB#0	13.337	14.700	PASS
Band71	15MHz	64QAM	133397	75RB#0	13.457	16.410	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.397	14.970	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.397	15.000	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.516	14.850	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.862	19.400	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.782	19.360	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.942	19.400	PASS
Band71	20MHz	64QAM	133222	100RB#0	17.862	19.480	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Electronic EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

Band71	20MHz	64QAM	133322	100RB#0	17.822	20.040	PASS
Band71	20MHz	64QAM	133372	100RB#0	17.942	20.160	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.822	19.160	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.822	19.320	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.942	19.320	PASS

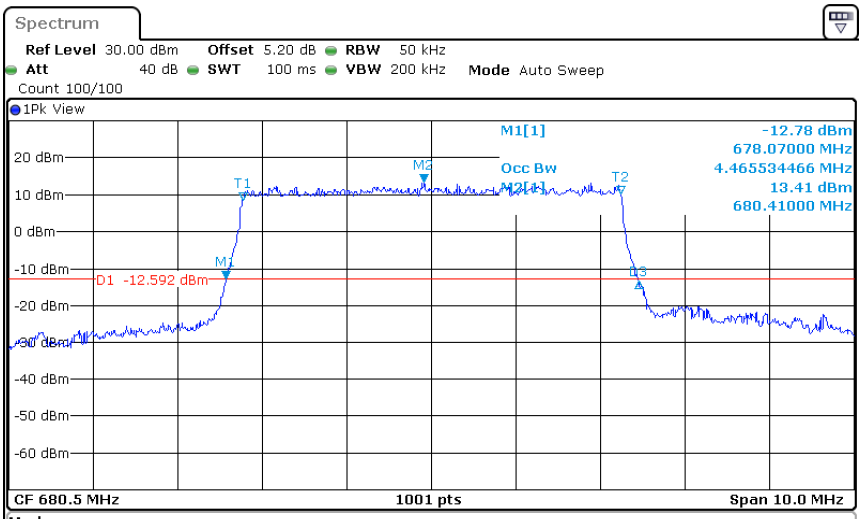
4.2. Test Plots

Band71-5MHz-QPSK-133147-25RB#0-4.466



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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)

Band71-5MHz-QPSK-133297-25RB#0-4.466

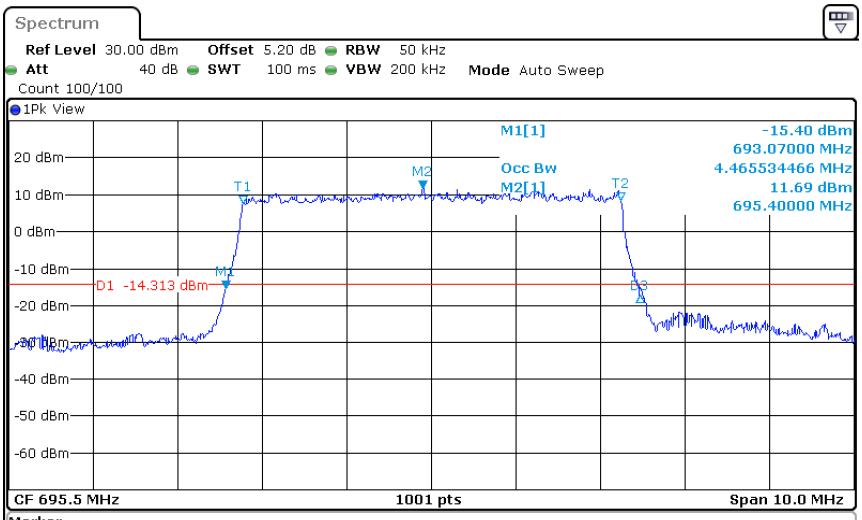


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	678.07 MHz	-12.78 dBm		
T1		1	678.27223 MHz	8.39 dBm	Occ Bw	4.465534466 MHz
T2		1	682.73776 MHz	10.17 dBm		
M2		1	680.41 MHz	13.41 dBm		
D3	M1	1	4.88 MHz	-0.62 dB		

Date: 16.JUL.2020 05:12:42

Band71-5MHz-QPSK-133447-25RB#0-4.466



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	693.07 MHz	-15.40 dBm		
T1		1	693.27223 MHz	7.57 dBm	Occ Bw	4.465534466 MHz
T2		1	697.73776 MHz	8.51 dBm		
M2		1	695.4 MHz	11.69 dBm		
D3	M1	1	4.89 MHz	-1.79 dB		

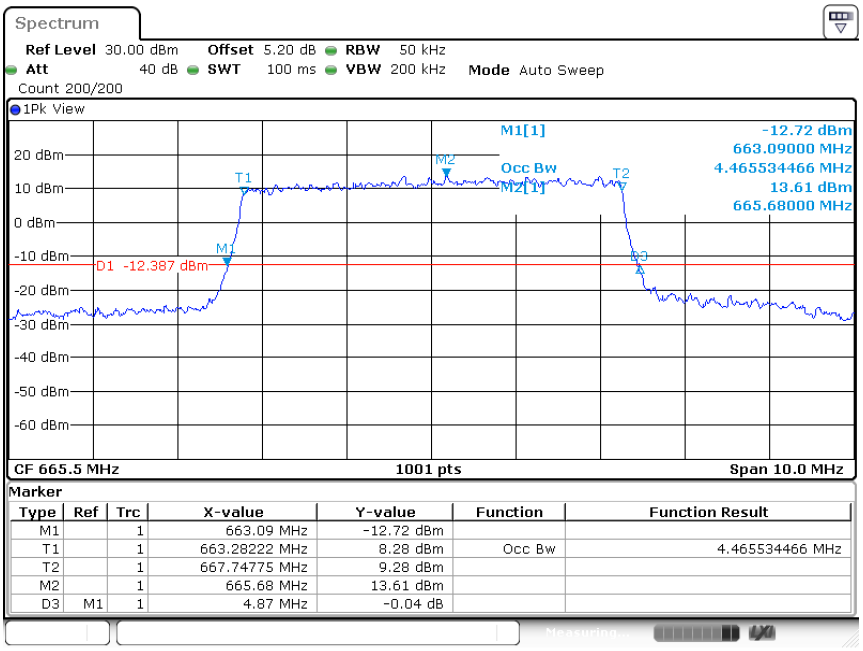
Date: 16.JUL.2020 05:13:22

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-5MHz-64QAM-133147-25RB#0-4.466

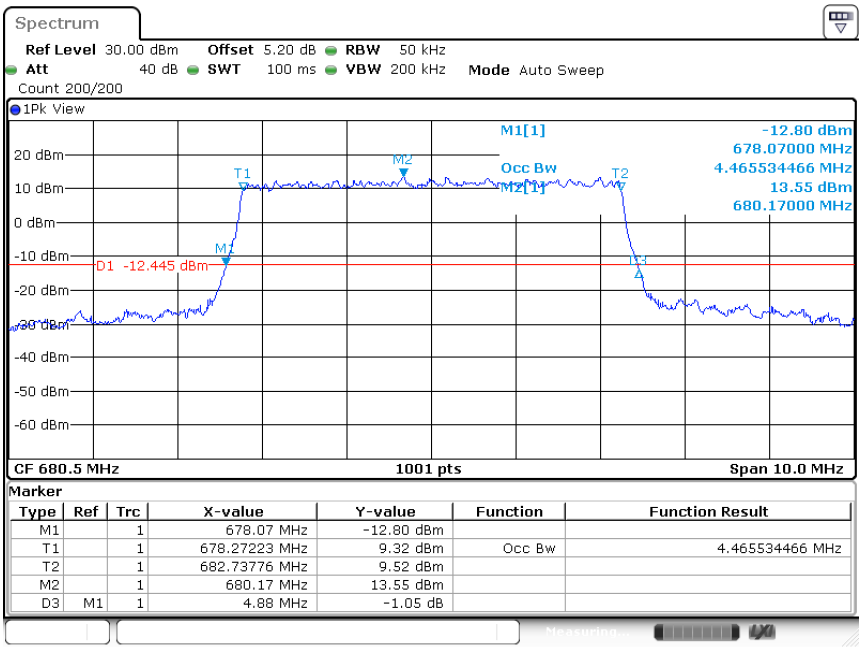


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.09 MHz	-12.72 dBm		
T1		1	663.28222 MHz	8.28 dBm	Occ Bw	4.465534466 MHz
T2		1	667.74775 MHz	9.28 dBm		
M2		1	665.68 MHz	13.61 dBm		
D3	M1	1	4.87 MHz	-0.04 dB		

Date: 12.AUG.2020 13:07:34

Band71-5MHz-64QAM-133297-25RB#0-4.466



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	678.07 MHz	-12.80 dBm		
T1		1	678.27223 MHz	9.32 dBm	Occ Bw	4.465534466 MHz
T2		1	682.73776 MHz	9.52 dBm		
M2		1	680.17 MHz	13.55 dBm		
D3	M1	1	4.88 MHz	-1.05 dB		

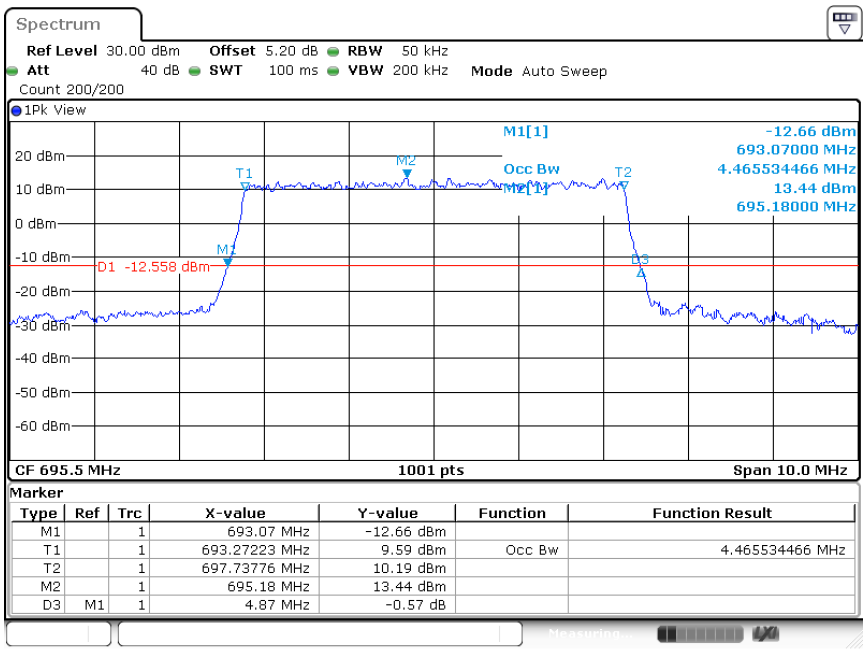
Date: 12.AUG.2020 13:08:08

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-5MHz-64QAM-133447-25RB#0-4.466

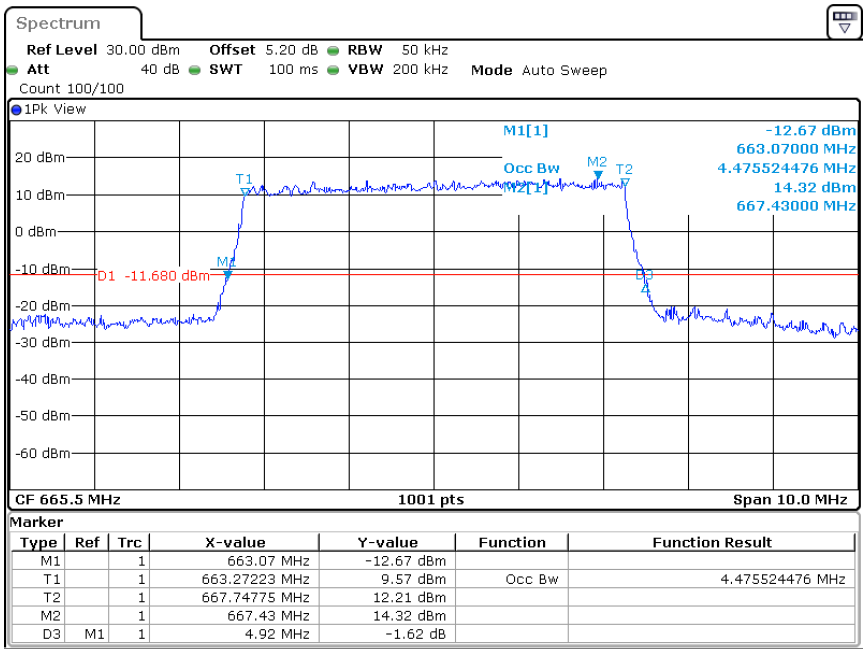


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	693.07 MHz	-12.66 dBm		
T1		1	693.27223 MHz	9.59 dBm	Occ Bw	4.465534466 MHz
T2		1	697.73776 MHz	10.19 dBm		
M2		1	695.18 MHz	13.44 dBm		
D3	M1	1	4.87 MHz	-0.57 dB		

Date: 12.AUG.2020 13:08:41

Band71-5MHz-16QAM-133147-25RB#0-4.476



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.07 MHz	-12.67 dBm		
T1		1	663.27223 MHz	9.57 dBm	Occ Bw	4.475524476 MHz
T2		1	667.74775 MHz	12.21 dBm		
M2		1	667.43 MHz	14.32 dBm		
D3	M1	1	4.92 MHz	-1.62 dB		

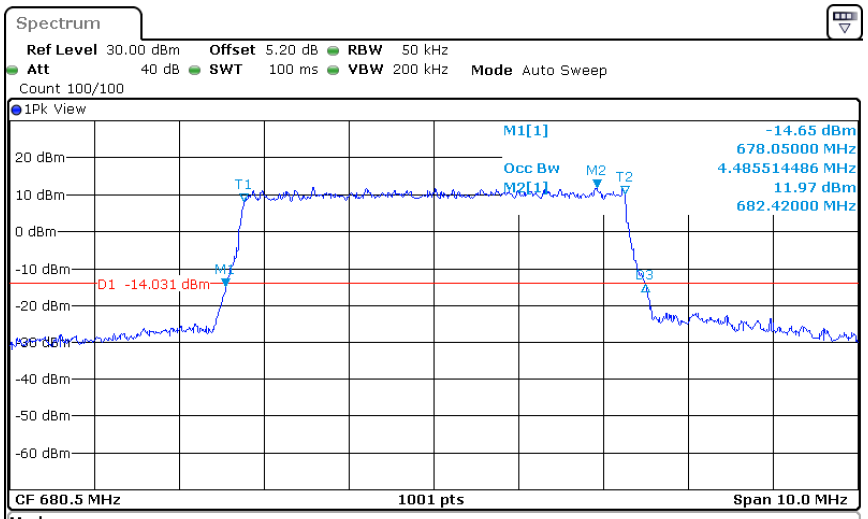
Date: 16.JUL.2020 05:12:22

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-5MHz-16QAM-133297-25RB#0-4.486

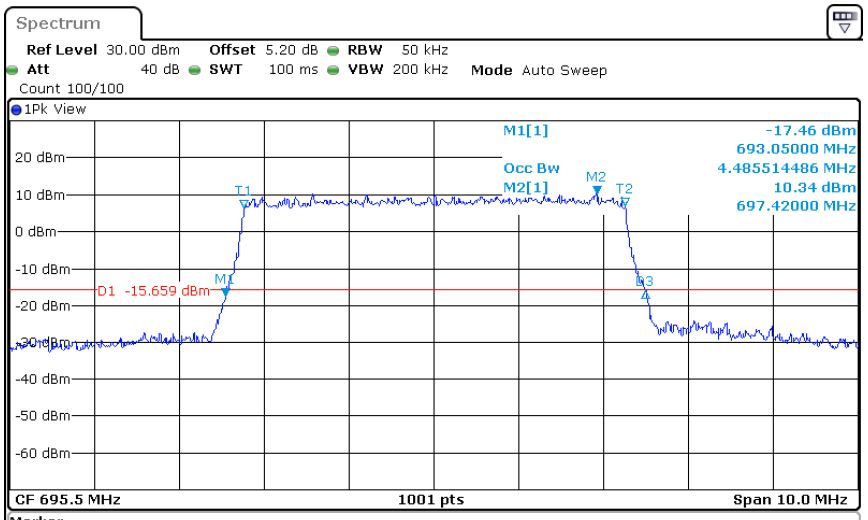


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	678.05 MHz	-14.65 dBm		
T1		1	678.26224 MHz	8.26 dBm	Occ Bw	4.485514486 MHz
T2		1	682.74775 MHz	10.12 dBm		
M2		1	682.42 MHz	11.97 dBm		
D3	M1	1	4.94 MHz	0.45 dB		

Date: 16.JUL.2020 05:13:02

Band71-5MHz-16QAM-133447-25RB#0-4.486



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	693.05 MHz	-17.46 dBm		
T1		1	693.26224 MHz	6.49 dBm	Occ Bw	4.485514486 MHz
T2		1	697.74775 MHz	6.95 dBm		
M2		1	697.42 MHz	10.34 dBm		
D3	M1	1	4.94 MHz	1.43 dB		

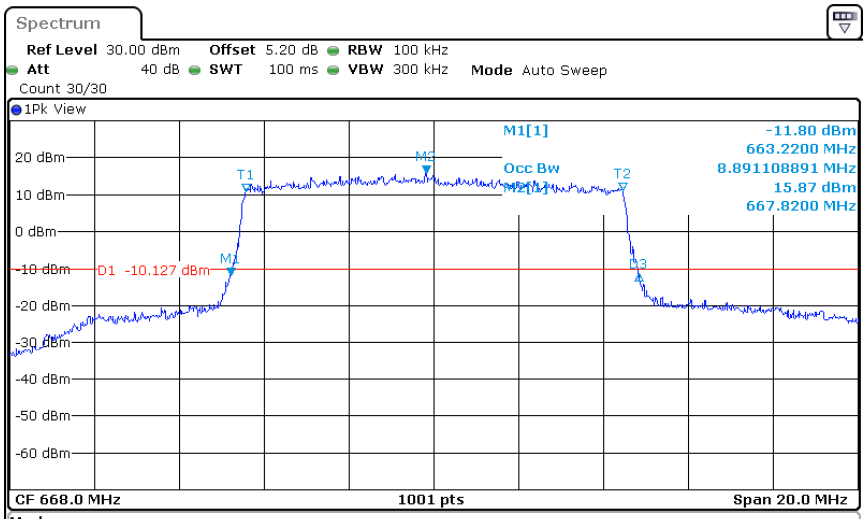
Date: 16.JUL.2020 05:13:42

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-10MHz-QPSK-133172-50RB#0-8.891

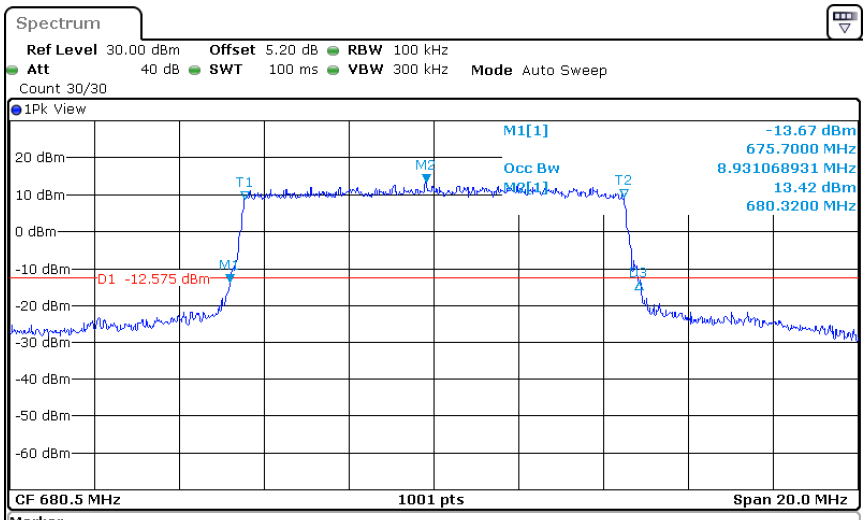


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.22 MHz	-11.80 dBm		
T1		1	663.5644 MHz	10.74 dBm	Occ Bw	8.891108891 MHz
T2		1	672.4555 MHz	11.08 dBm		
M2		1	667.82 MHz	15.87 dBm		
D3	M1	1	9.6 MHz	0.50 dB		

Date: 16.JUL.2020 05:14:00

Band71-10MHz-QPSK-133297-50RB#0-8.931



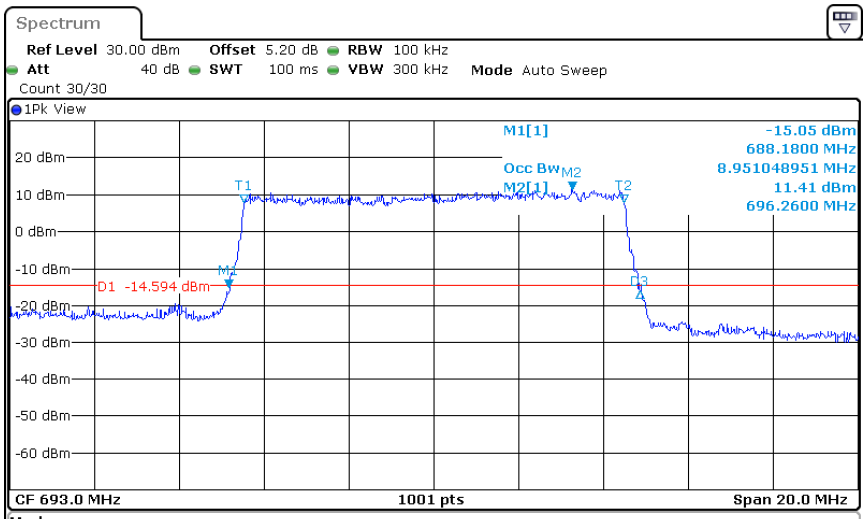
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	675.7 MHz	-13.67 dBm		
T1		1	676.0445 MHz	8.83 dBm	Occ Bw	8.931068931 MHz
T2		1	684.9755 MHz	9.37 dBm		
M2		1	680.32 MHz	13.42 dBm		
D3	M1	1	9.64 MHz	0.01 dB		

Date: 16.JUL.2020 05:14:26

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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)

Band71-10MHz-QPSK-133422-50RB#0-8.951

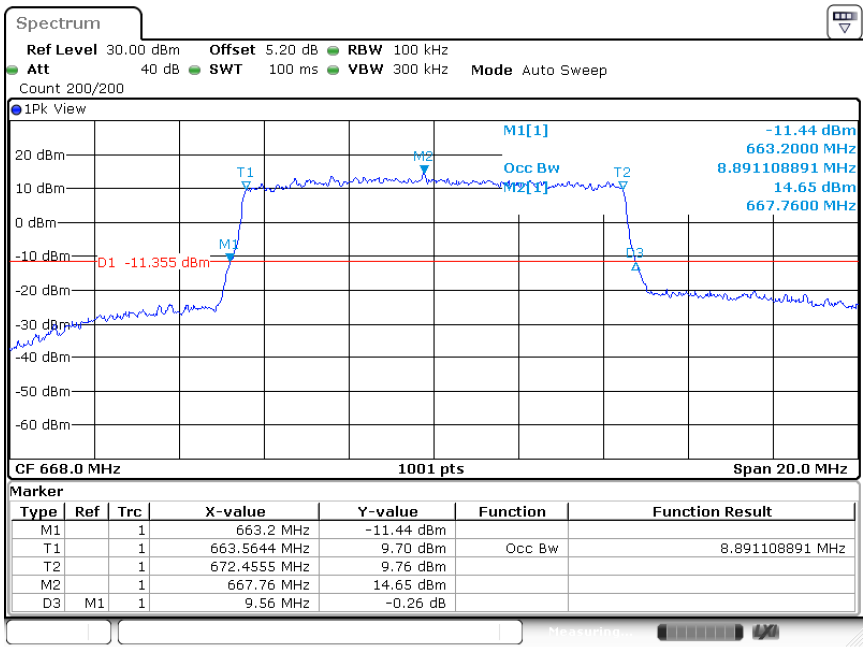


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	688.18 MHz	-15.05 dBm		
T1		1	688.5245 MHz	7.94 dBm	Occ Bw	8.951048951 MHz
T2		1	697.4755 MHz	7.93 dBm		
M2		1	696.26 MHz	11.41 dBm		
D3	M1	1	9.68 MHz	-0.78 dB		

Date: 16.JUL.2020 05:14:51

Band71-10MHz-64QAM-133172-50RB#0-8.891



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.2 MHz	-11.44 dBm		
T1		1	663.5644 MHz	9.70 dBm	Occ Bw	8.891108891 MHz
T2		1	672.4555 MHz	9.76 dBm		
M2		1	667.76 MHz	14.65 dBm		
D3	M1	1	9.56 MHz	-0.26 dB		

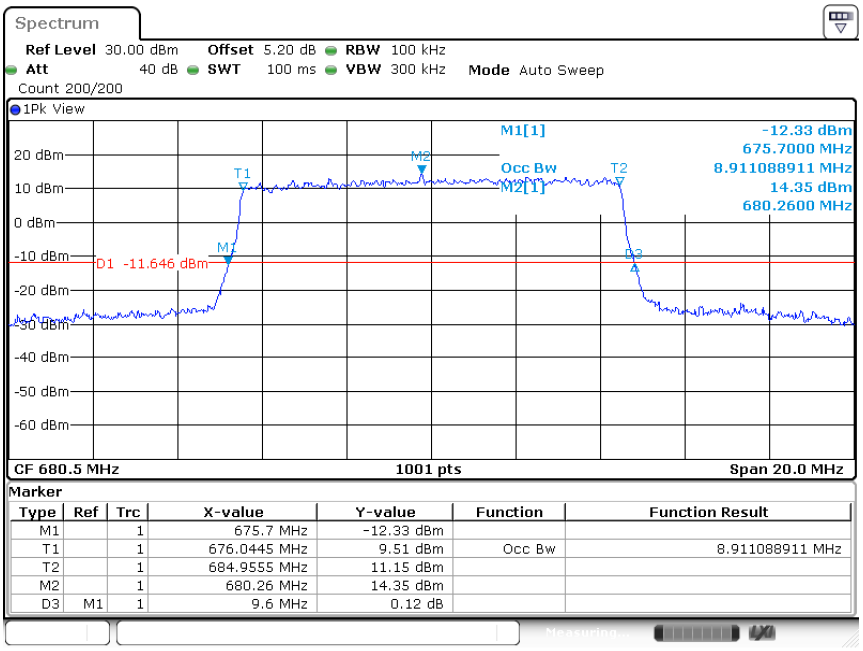
Date: 12.AUG.2020 13:09:20

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-10MHz-64QAM-133297-50RB#0-8.911

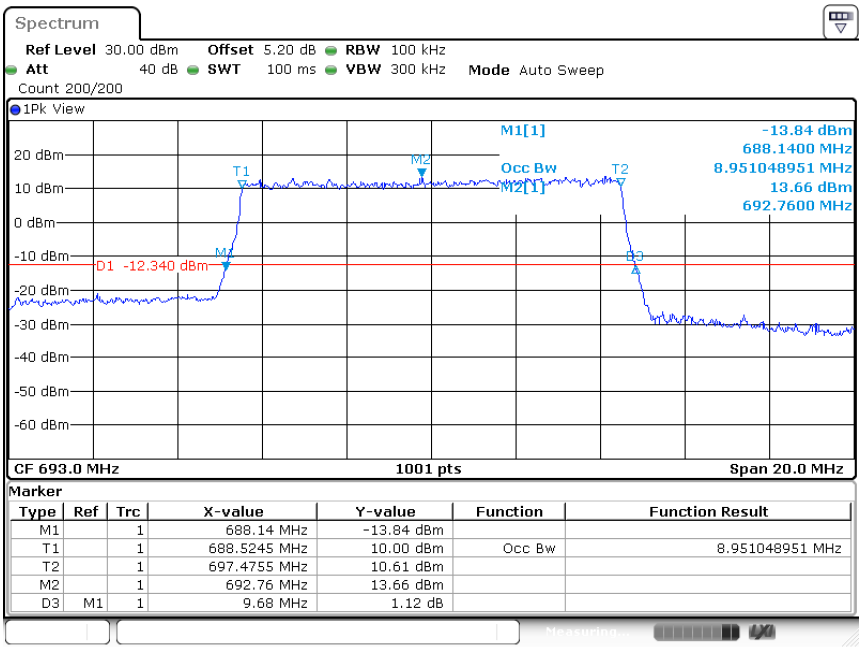


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	675.7 MHz	-12.33 dBm		
T1		1	676.0445 MHz	9.51 dBm	Occ Bw	8.911088911 MHz
T2		1	684.9555 MHz	11.15 dBm		
M2		1	680.26 MHz	14.35 dBm		
D3	M1	1	9.6 MHz	0.12 dB		

Date: 12.AUG.2020 13:09:54

Band71-10MHz-64QAM-133422-50RB#0-8.951



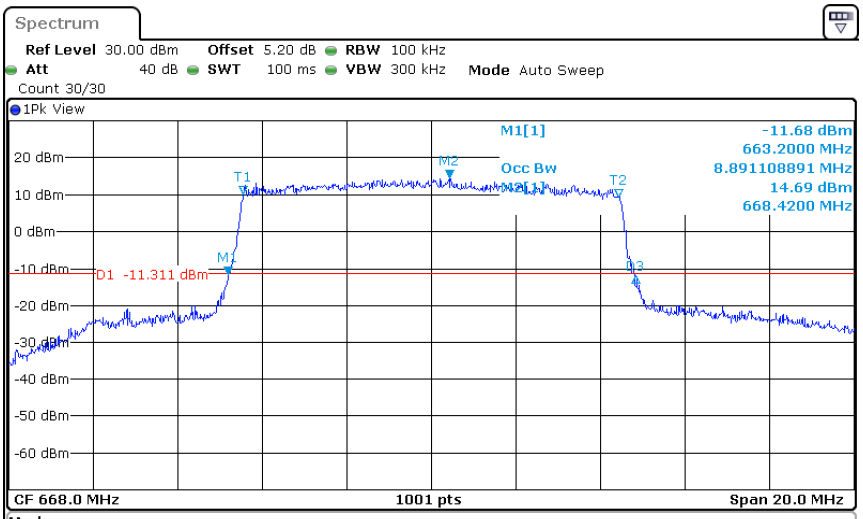
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	688.14 MHz	-13.84 dBm		
T1		1	688.5245 MHz	10.00 dBm	Occ Bw	8.951048951 MHz
T2		1	697.4755 MHz	10.61 dBm		
M2		1	692.76 MHz	13.66 dBm		
D3	M1	1	9.68 MHz	1.12 dB		

Date: 12.AUG.2020 13:10:27

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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)

Band71-10MHz-16QAM-133172-50RB#0-8.891

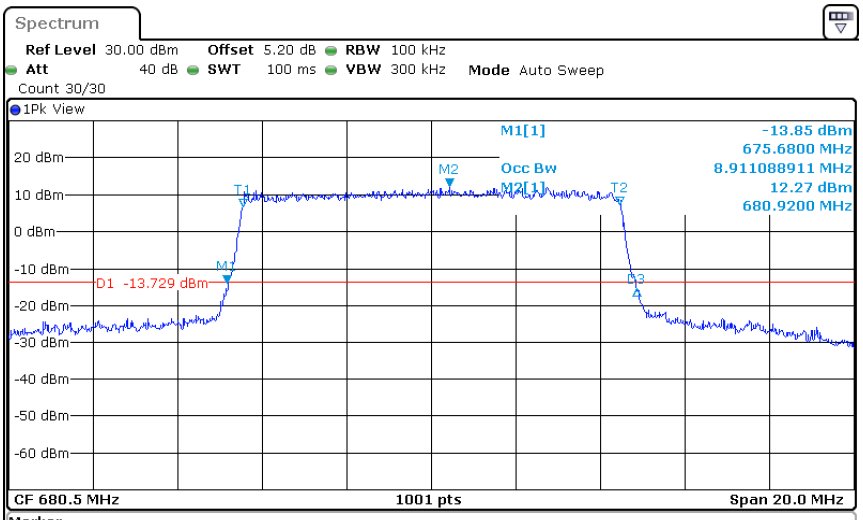


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.2 MHz	-11.68 dBm		
T1		1	663.5445 MHz	10.16 dBm	Occ Bw	8.891108891 MHz
T2		1	672.4356 MHz	9.25 dBm		
M2		1	668.42 MHz	14.69 dBm		
D3	M1	1	9.62 MHz	-0.05 dB		

Date: 16.JUL.2020 05:14:13

Band71-10MHz-16QAM-133297-50RB#0-8.911



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	675.68 MHz	-13.85 dBm		
T1		1	676.0445 MHz	6.83 dBm	Occ Bw	8.911088911 MHz
T2		1	684.9555 MHz	7.24 dBm		
M2		1	680.92 MHz	12.27 dBm		
D3	M1	1	9.68 MHz	-1.61 dB		

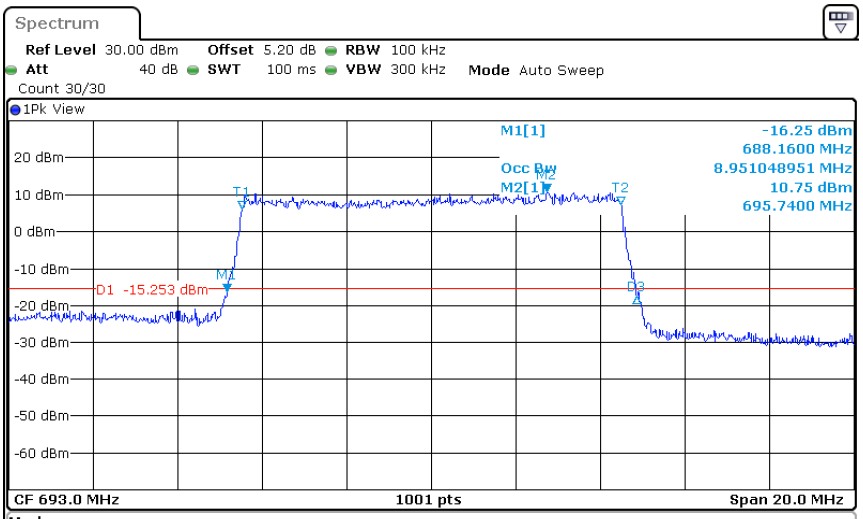
Date: 16.JUL.2020 05:14:38

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

Band71-10MHz-16QAM-133422-50RB#0-8.951

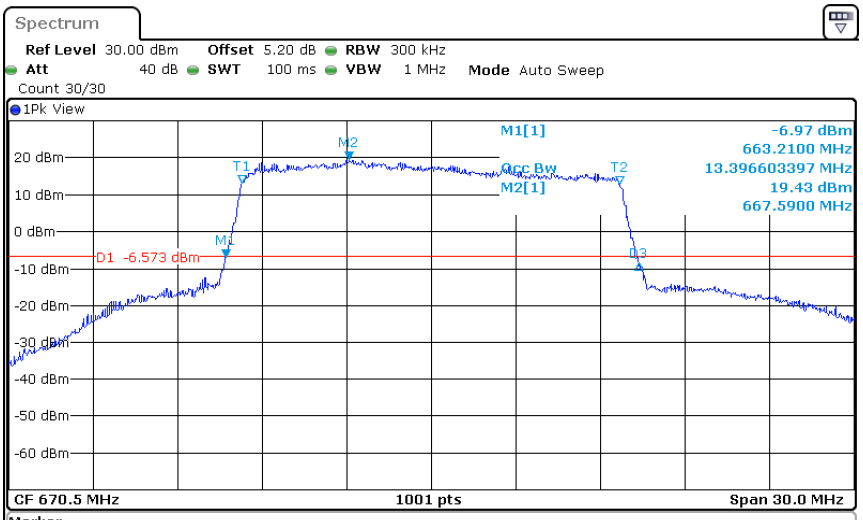


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	688.16 MHz	-16.25 dBm		
T1		1	688.5245 MHz	6.07 dBm	Occ Bw	8.951048951 MHz
T2		1	697.4755 MHz	7.45 dBm		
M2		1	695.74 MHz	10.75 dBm		
D3	M1	1	9.7 MHz	-1.11 dB		

Date: 16.JUL.2020 05:15:04

Band71-15MHz-QPSK-133197-75RB#0-13.397



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.21 MHz	-6.97 dBm		
T1		1	663.7867 MHz	13.02 dBm	Occ Bw	13.396603397 MHz
T2		1	677.1833 MHz	12.92 dBm		
M2		1	667.59 MHz	19.43 dBm		
D3	M1	1	14.64 MHz	-1.45 dB		

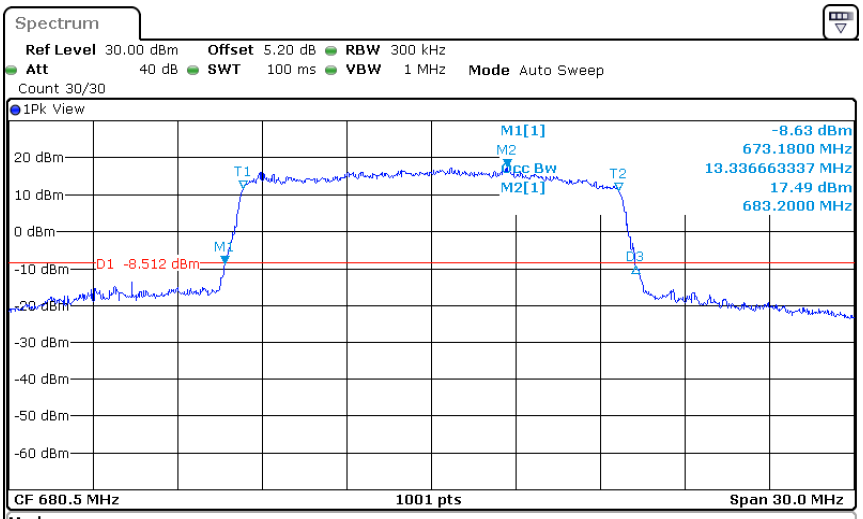
Date: 16.JUL.2020 05:15:22

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-15MHz-QPSK-133297-75RB#0-13.337

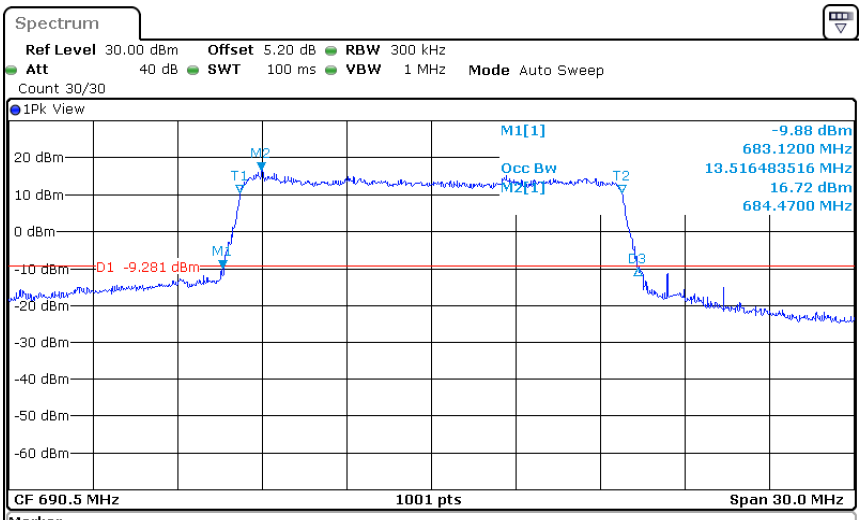


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	673.18 MHz	-8.63 dBm		
T1		1	673.8167 MHz	11.65 dBm	Occ Bw	13.336663337 MHz
T2		1	687.1533 MHz	11.04 dBm		
M2		1	683.2 MHz	17.49 dBm		
D3	M1	1	14.58 MHz	-0.52 dB		

Date: 16.JUL.2020 05:15:49

Band71-15MHz-QPSK-133397-75RB#0-13.516



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	683.12 MHz	-9.88 dBm		
T1		1	683.7268 MHz	10.58 dBm	Occ Bw	13.516483516 MHz
T2		1	697.2433 MHz	10.44 dBm		
M2		1	684.47 MHz	16.72 dBm		
D3	M1	1	14.7 MHz	0.20 dB		

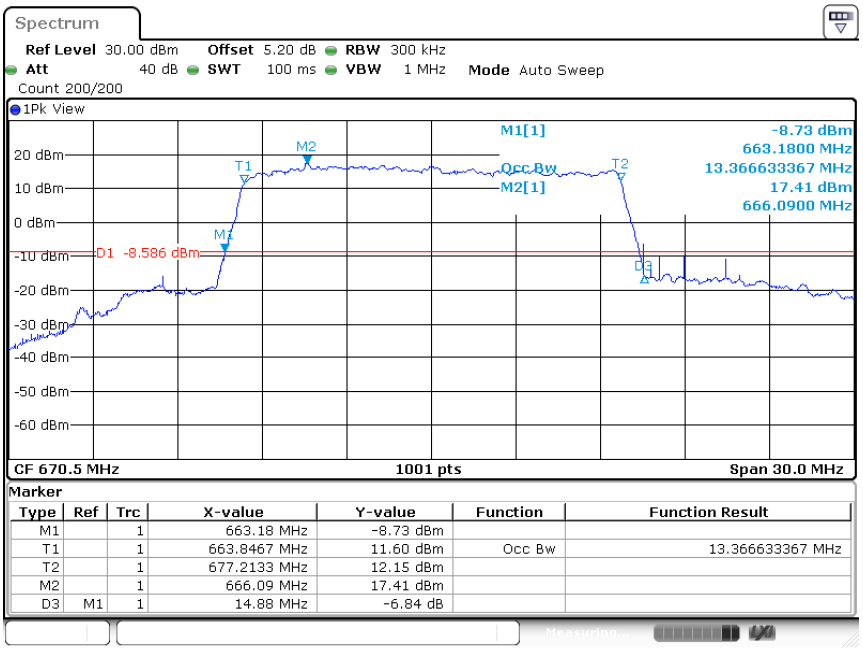
Date: 16.JUL.2020 05:16:14

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-15MHz-64QAM-133197-75RB#0-13.367

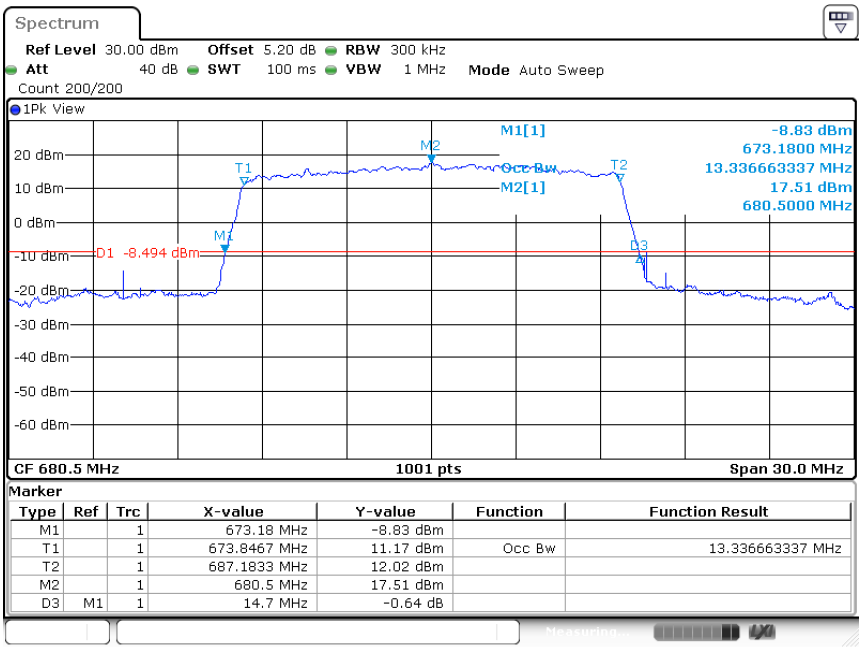


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.18 MHz	-8.73 dBm		
T1		1	663.8467 MHz	11.60 dBm	Occ Bw	13.366633367 MHz
T2		1	677.2133 MHz	12.15 dBm		
M2		1	666.09 MHz	17.41 dBm		
D3	M1	1	14.88 MHz	-6.84 dB		

Date: 12.AUG.2020 13:11:06

Band71-15MHz-64QAM-133297-75RB#0-13.337



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	673.18 MHz	-8.83 dBm		
T1		1	673.8467 MHz	11.17 dBm	Occ Bw	13.336663337 MHz
T2		1	687.1833 MHz	12.02 dBm		
M2		1	680.5 MHz	17.51 dBm		
D3	M1	1	14.7 MHz	-0.64 dB		

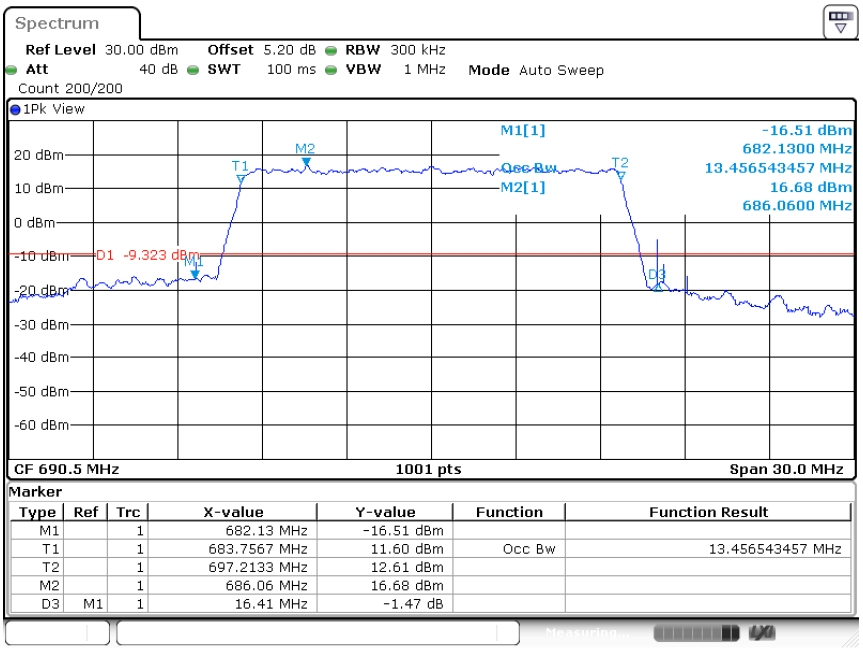
Date: 12.AUG.2020 13:11:39

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-15MHz-64QAM-133397-75RB#0-13.457

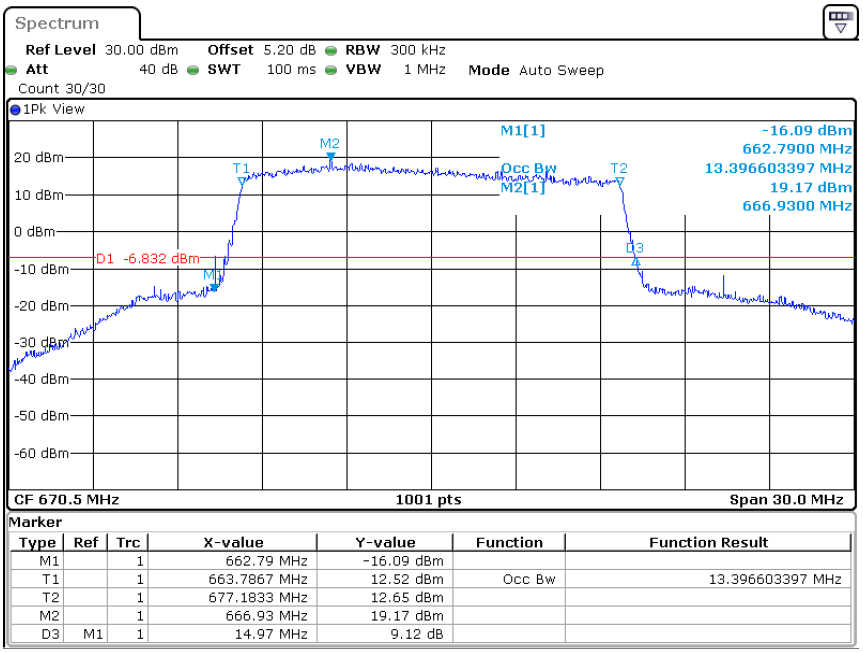


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	682.13 MHz	-16.51 dBm		
T1		1	683.7567 MHz	11.60 dBm	Occ Bw	13.456543457 MHz
T2		1	697.2133 MHz	12.61 dBm		
M2		1	686.06 MHz	16.68 dBm		
D3	M1	1	16.41 MHz	-1.47 dB		

Date: 12.AUG.2020 13:12:13

Band71-15MHz-16QAM-133197-75RB#0-13.397



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	662.79 MHz	-16.09 dBm		
T1		1	663.7867 MHz	12.52 dBm	Occ Bw	13.396603397 MHz
T2		1	677.1833 MHz	12.65 dBm		
M2		1	666.93 MHz	19.17 dBm		
D3	M1	1	14.97 MHz	9.12 dB		

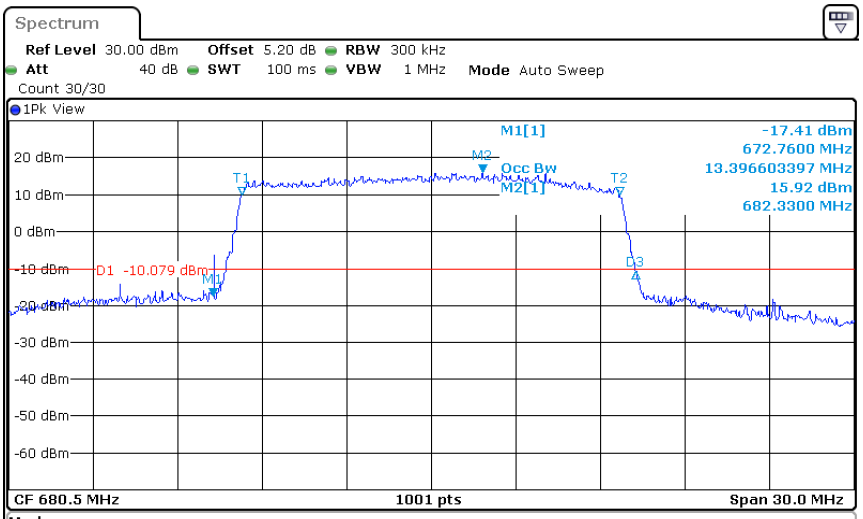
Date: 16.JUL.2020 05:15:35

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-15MHz-16QAM-133297-75RB#0-13.397

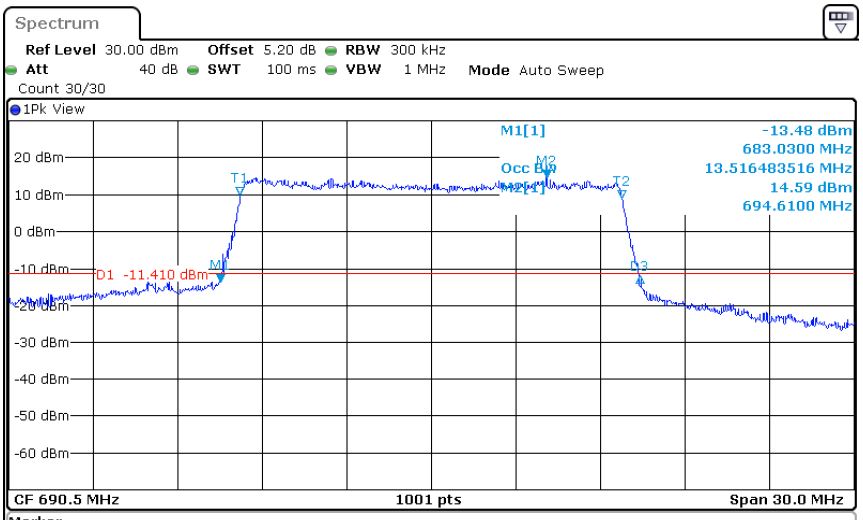


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	672.76 MHz	-17.41 dBm		
T1		1	673.7867 MHz	9.99 dBm	Occ Bw	13.396603397 MHz
T2		1	687.1833 MHz	10.06 dBm		
M2		1	682.33 MHz	15.92 dBm		
D3	M1	1	15.0 MHz	6.74 dB		

Date: 16.JUL.2020 05:16:01

Band71-15MHz-16QAM-133397-75RB#0-13.516



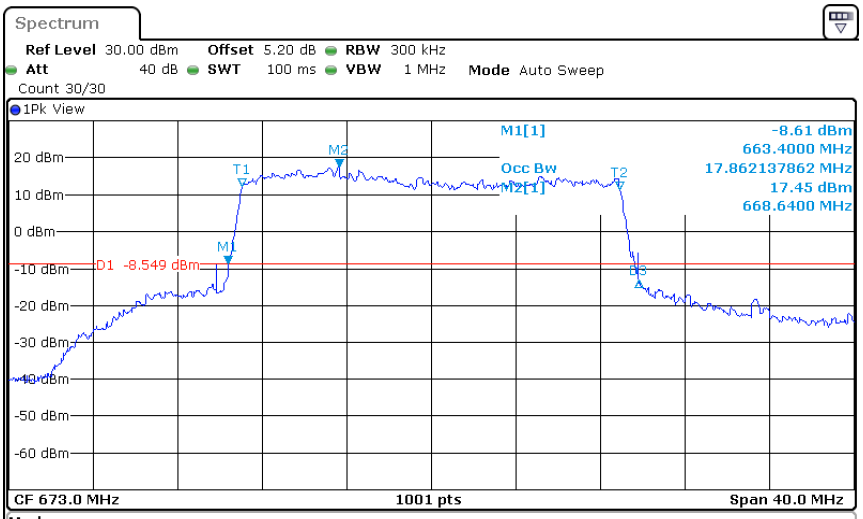
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	683.03 MHz	-13.48 dBm		
T1		1	683.7268 MHz	9.99 dBm	Occ Bw	13.516483516 MHz
T2		1	697.2433 MHz	8.98 dBm		
M2		1	694.61 MHz	14.59 dBm		
D3	M1	1	14.85 MHz	1.62 dB		

Date: 16.JUL.2020 05:16:27

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-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

Band71-20MHz-QPSK-133222-100RB#0-17.862

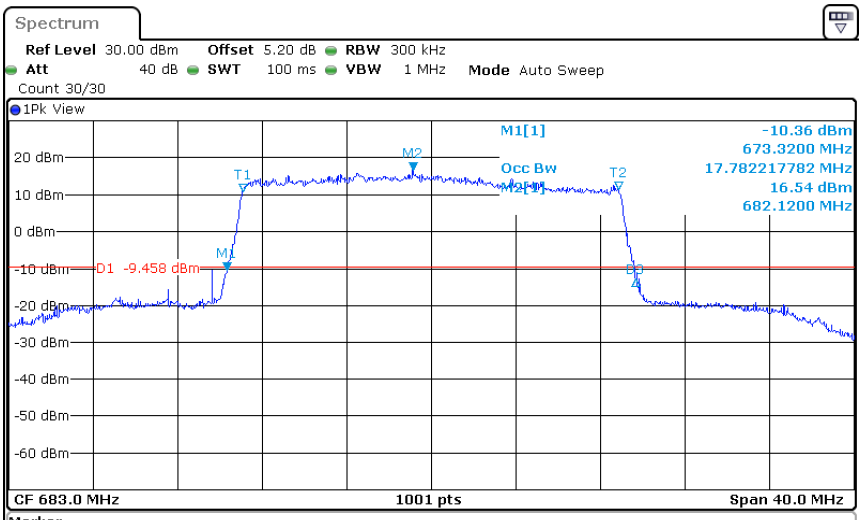


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.4 MHz	-8.61 dBm		
T1		1	664.049 MHz	12.15 dBm	Occ Bw	17.862137862 MHz
T2		1	681.9111 MHz	11.41 dBm		
M2		1	668.64 MHz	17.45 dBm		
D3	M1	1	19.4 MHz	-4.29 dB		

Date: 16.JUL.2020 05:16:45

Band71-20MHz-QPSK-133322-100RB#0-17.782



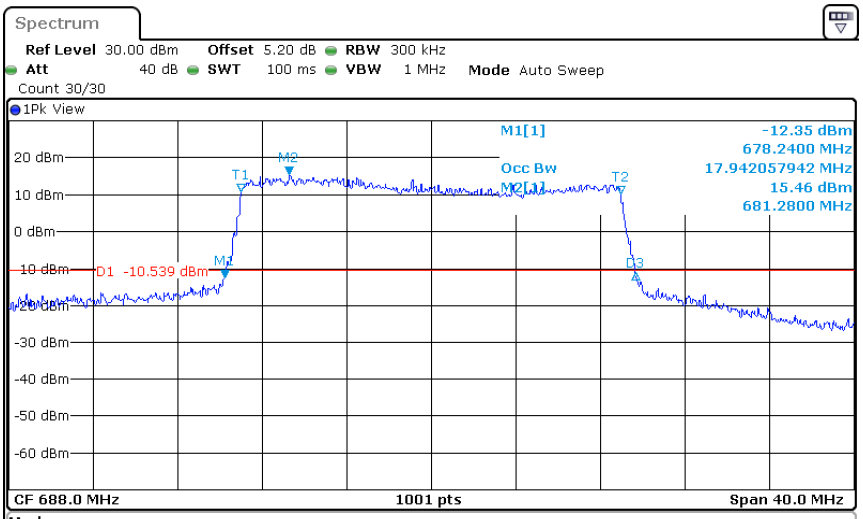
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	673.32 MHz	-10.36 dBm		
T1		1	674.0889 MHz	10.96 dBm	Occ Bw	17.782217782 MHz
T2		1	691.8711 MHz	11.28 dBm		
M2		1	682.12 MHz	16.54 dBm		
D3	M1	1	19.36 MHz	-2.48 dB		

Date: 16.JUL.2020 05:17:11

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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)

Band71-20MHz-QPSK-133372-100RB#0-17.942

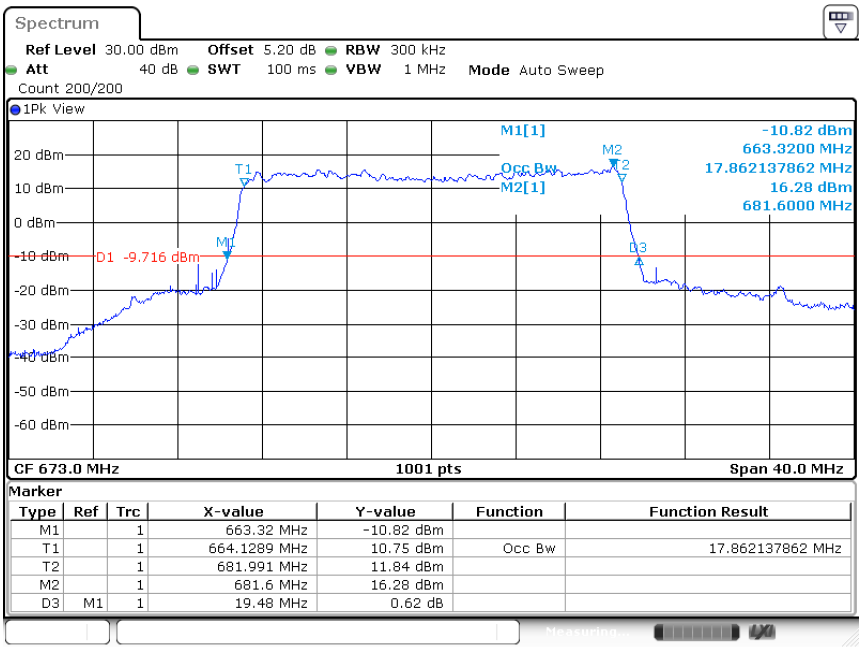


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	678.24 MHz	-12.35 dBm		
T1		1	679.009 MHz	10.80 dBm	Occ Bw	17.942057942 MHz
T2		1	696.951 MHz	10.30 dBm		
M2		1	681.28 MHz	15.46 dBm		
D3	M1	1	19.4 MHz	1.26 dB		

Date: 16.JUL.2020 05:17:37

Band71-20MHz-64QAM-133222-100RB#0-17.862



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.32 MHz	-10.82 dBm		
T1		1	664.1289 MHz	10.75 dBm	Occ Bw	17.862137862 MHz
T2		1	681.991 MHz	11.84 dBm		
M2		1	681.6 MHz	16.28 dBm		
D3	M1	1	19.48 MHz	0.62 dB		

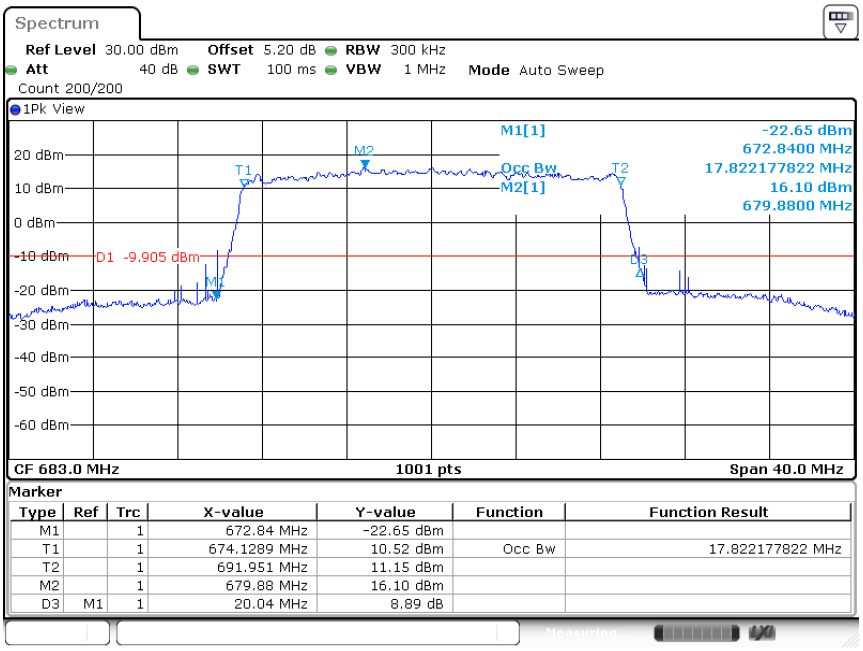
Date: 12.AUG.2020 13:12:52

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-20MHz-64QAM-133322-100RB#0-17.822

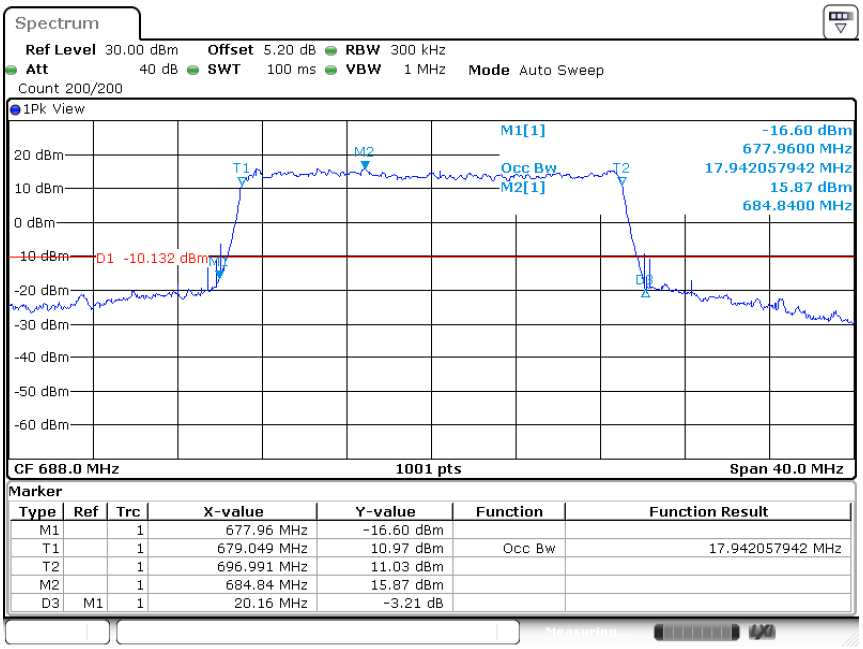


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	672.84 MHz	-22.65 dBm		
T1		1	674.1289 MHz	10.52 dBm	Occ Bw	17.822177822 MHz
T2		1	691.951 MHz	11.15 dBm		
M2		1	679.88 MHz	16.10 dBm		
D3	M1	1	20.04 MHz	8.89 dB		

Date: 12.AUG.2020 13:13:25

Band71-20MHz-64QAM-133372-100RB#0-17.942



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	677.96 MHz	-16.60 dBm		
T1		1	679.049 MHz	10.97 dBm	Occ Bw	17.942057942 MHz
T2		1	696.991 MHz	11.03 dBm		
M2		1	684.84 MHz	15.87 dBm		
D3	M1	1	20.16 MHz	-3.21 dB		

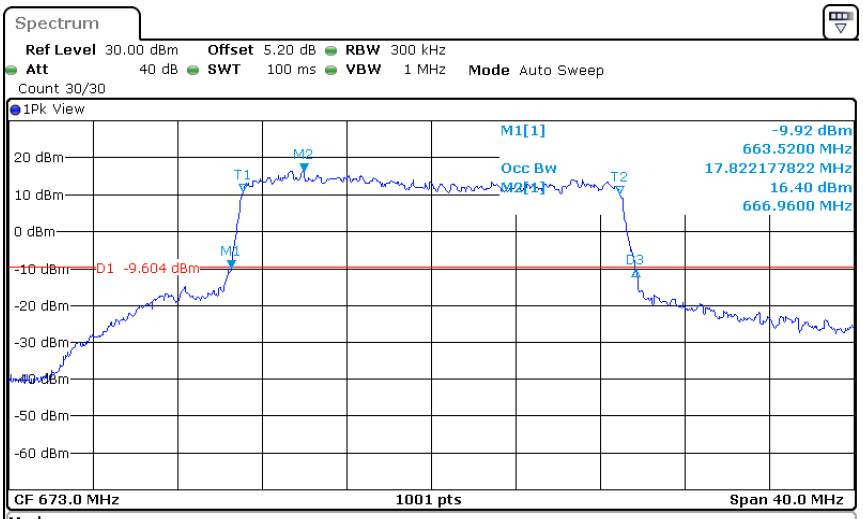
Date: 12.AUG.2020 13:13:59

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-20MHz-16QAM-133222-100RB#0-17.822

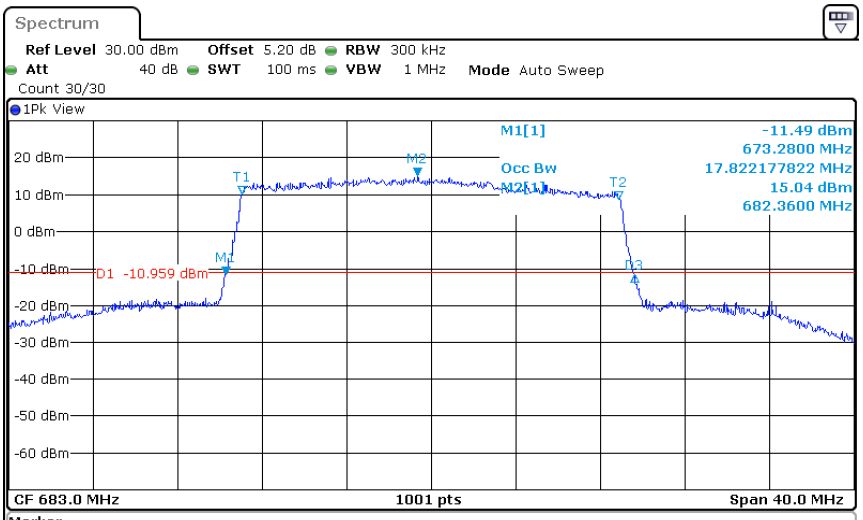


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	663.52 MHz	-9.92 dBm		
T1		1	664.0889 MHz	10.82 dBm	Occ Bw	17.822177822 MHz
T2		1	681.9111 MHz	10.11 dBm		
M2		1	666.96 MHz	16.40 dBm		
D3	M1	1	19.16 MHz	-0.23 dB		

Date: 16.JUL.2020 05:16:58

Band71-20MHz-16QAM-133322-100RB#0-17.822



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	673.28 MHz	-11.49 dBm		
T1		1	674.049 MHz	10.27 dBm	Occ Bw	17.822177822 MHz
T2		1	691.8711 MHz	8.65 dBm		
M2		1	682.36 MHz	15.04 dBm		
D3	M1	1	19.32 MHz	-0.08 dB		

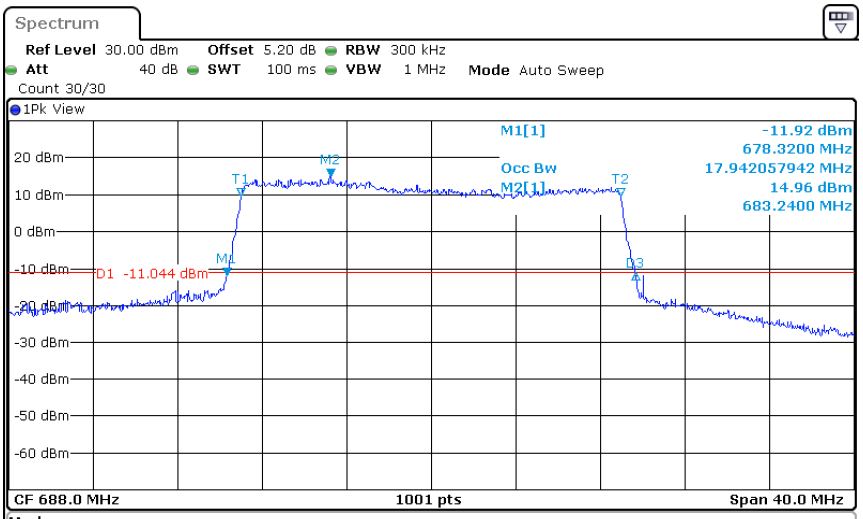
Date: 16.JUL.2020 05:17:24

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71-20MHz-16QAM-133372-100RB#0-17.942



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	678.32 MHz	-11.92 dBm		
T1		1	679.009 MHz	9.77 dBm	Occ Bw	17.942057942 MHz
T2		1	696.951 MHz	9.75 dBm		
M2		1	683.24 MHz	14.96 dBm		
D3	M1	1	19.32 MHz	0.81 dB		

Date: 16.JUL.2020 05:17:50

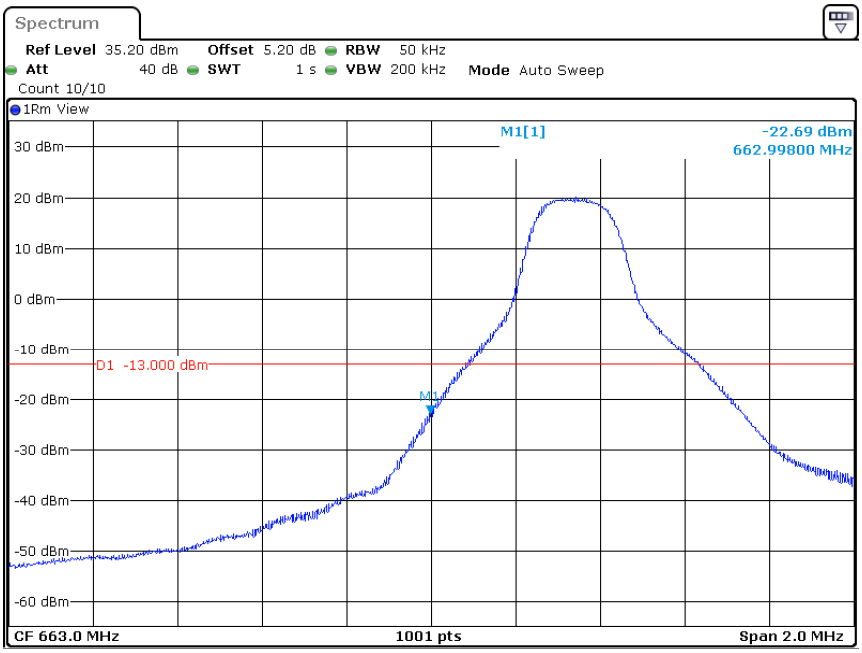
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

5. Band Edge Compliance

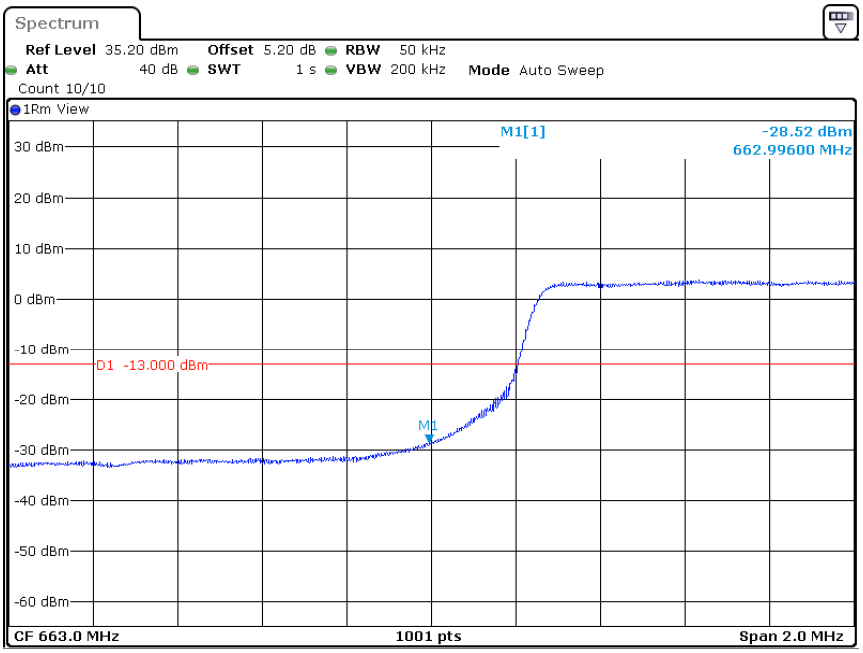
5.1. Test Plots

Band71-5MHz-QPSK-133147-1RB#0


Date: 16.JUL.2020 05:18:16

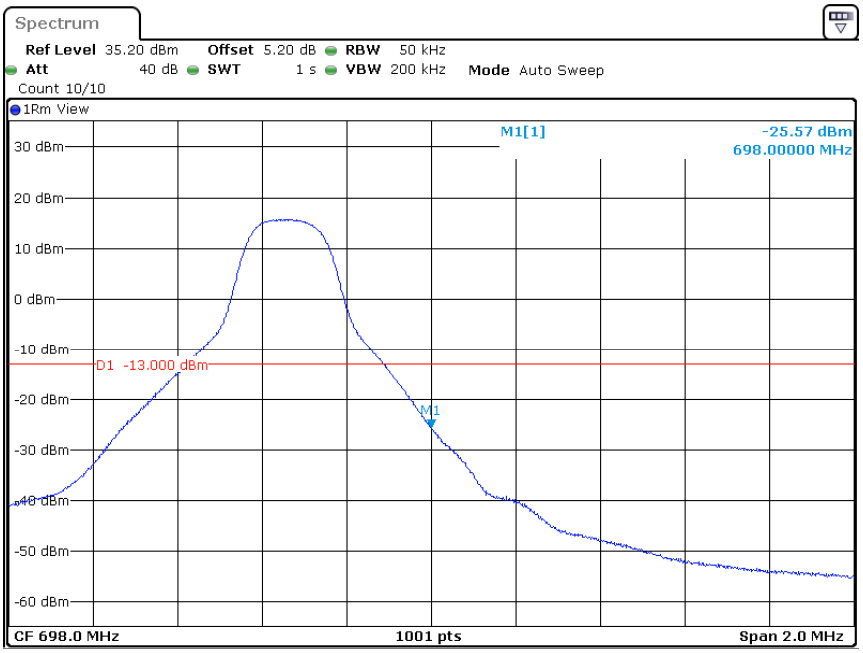
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band71-5MHz-QPSK-133147-25RB#0



Date: 16.JUL.2020 05:18:57

Band71-5MHz-QPSK-133447-1RB#24



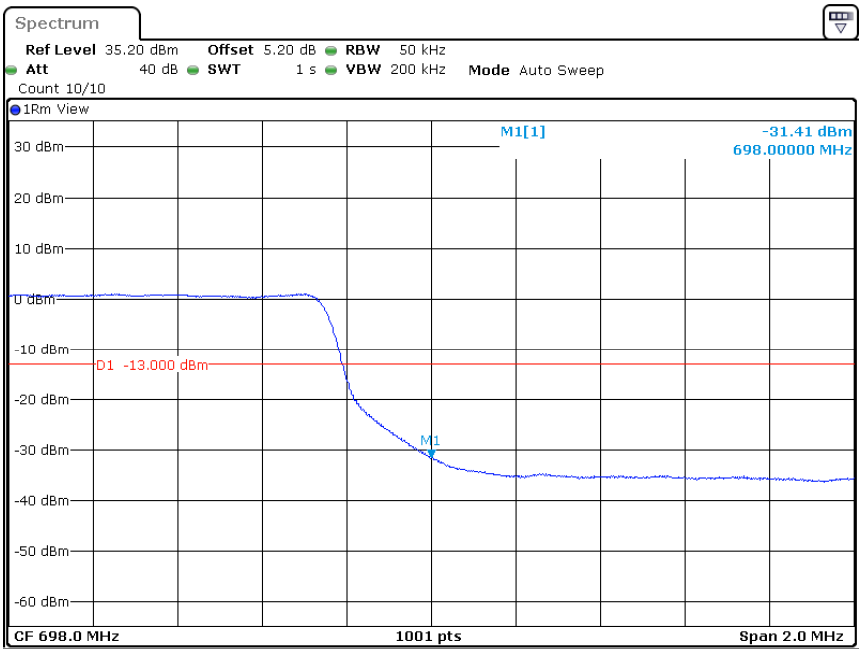
Date: 16.JUL.2020 05:19:43

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

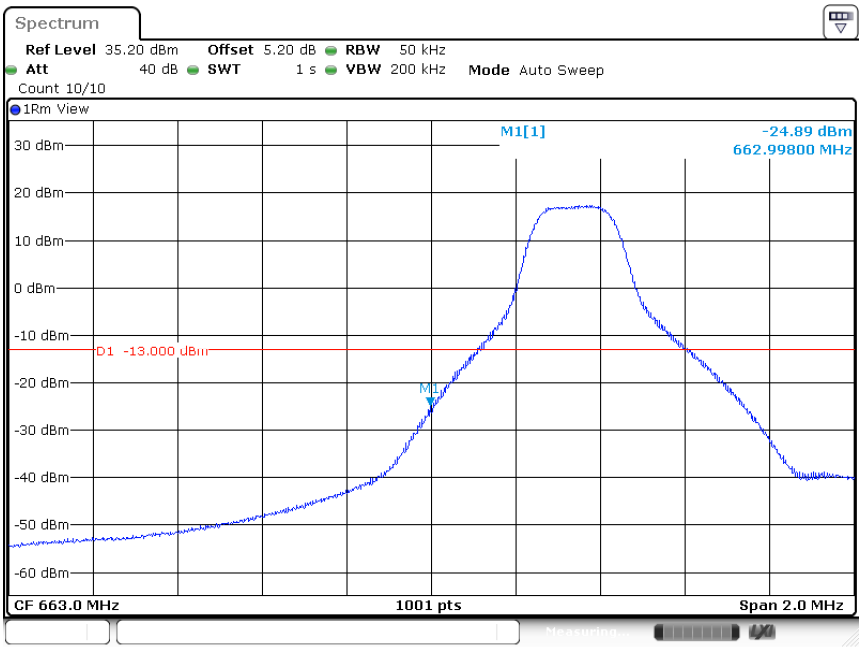
Member of the SGS Group (SGS SA)

Band71-5MHz-QPSK-133447-25RB#0



Date: 16.JUL.2020 05:20:24

Band71-5MHz-64QAM-133147-1RB#0



Date: 12.AUG.2020 13:14:26

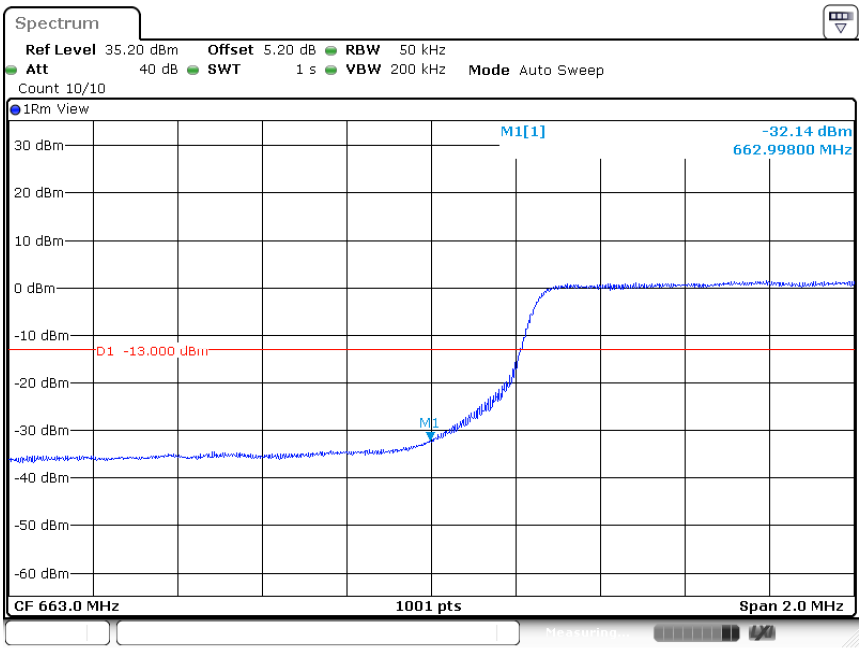
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
检验检测专用章 Inspection & Testing Services

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

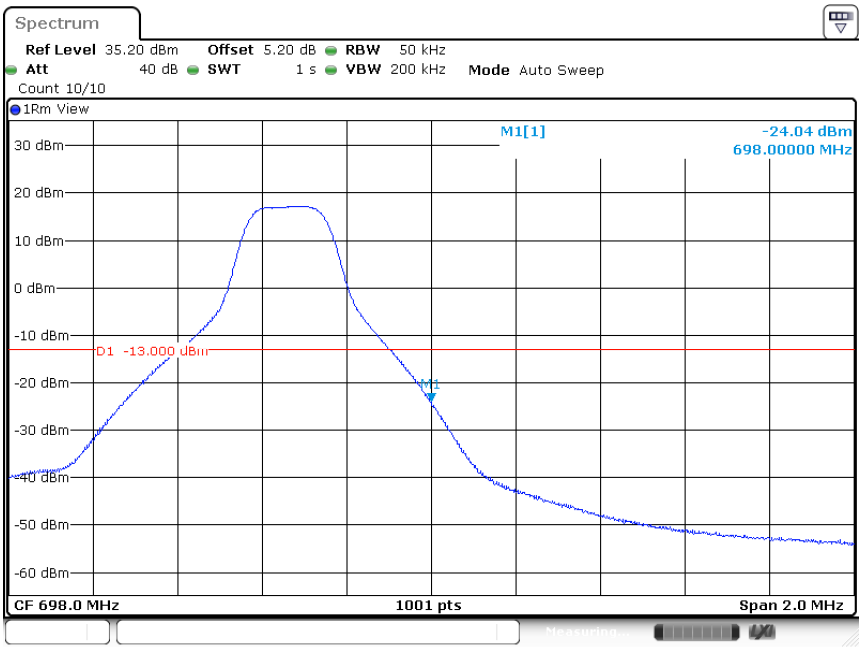
Member of the SGS Group (SGS SA)

Band71-5MHz-64QAM-133147-25RB#0



Date: 12.AUG.2020 13:14:47

Band71-5MHz-64QAM-133447-1RB#24



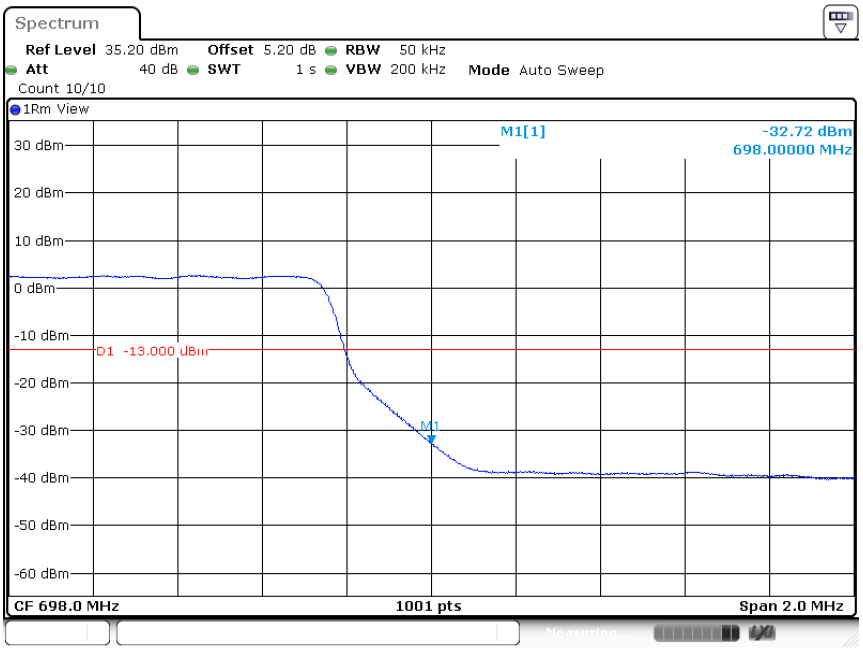
Date: 12.AUG.2020 13:15:13

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

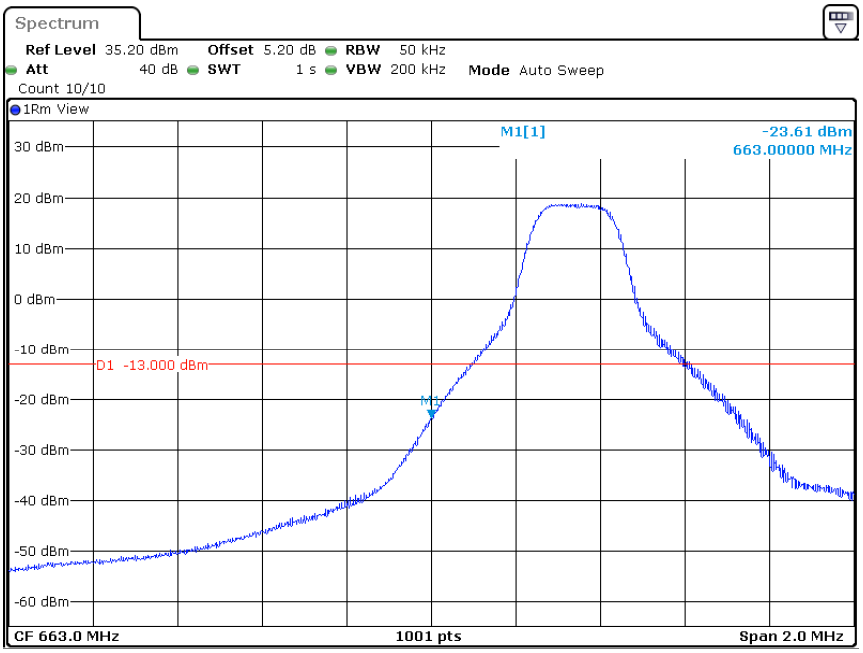
Member of the SGS Group (SGS SA)

Band71-5MHz-64QAM-133447-25RB#0



Date: 12.AUG.2020 13:15:34

Band71-5MHz-16QAM-133147-1RB#0



Date: 16.JUL.2020 05:18:36

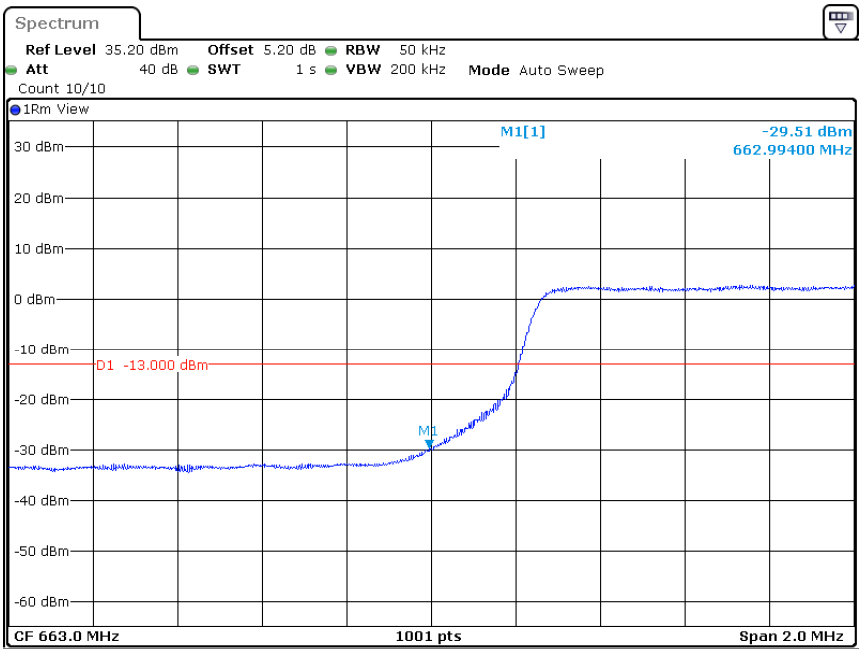
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Laboratory
检验检测专用章 Inspection & Testing Services

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

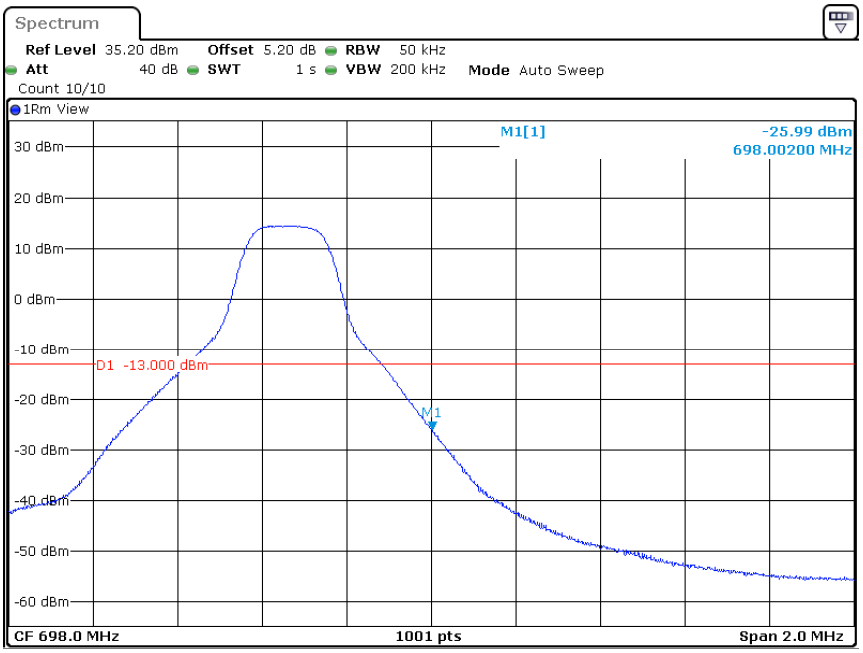
Member of the SGS Group (SGS SA)

Band71-5MHz-16QAM-133147-25RB#0



Date: 16.JUL.2020 05:19:17

Band71-5MHz-16QAM-133447-1RB#24

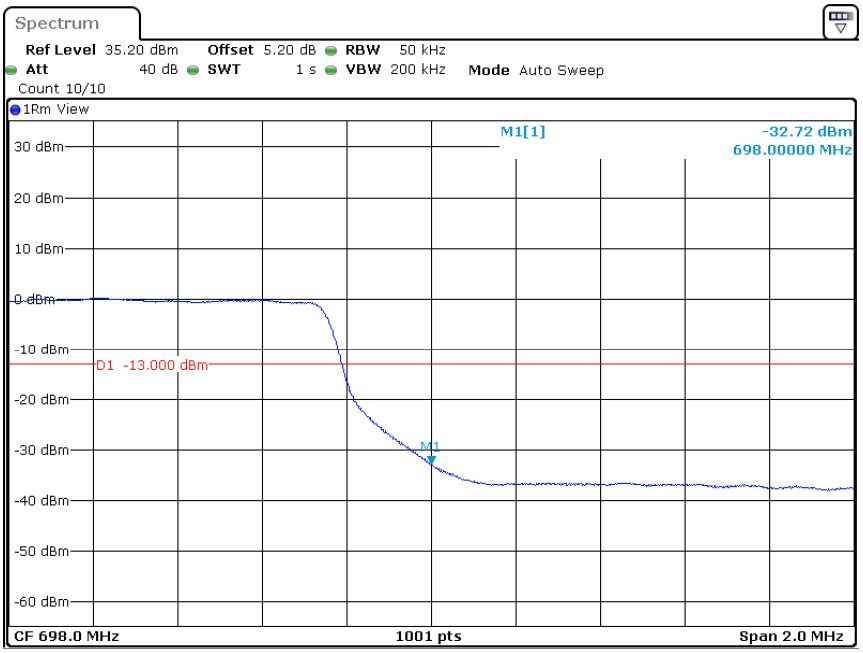


Date: 16.JUL.2020 05:20:04

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

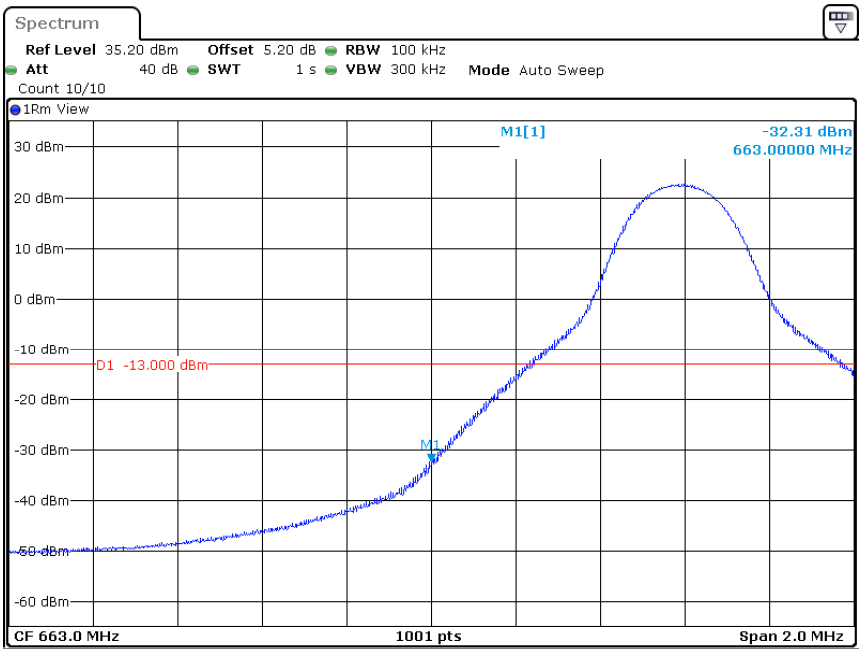
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band71-5MHz-16QAM-133447-25RB#0



Date: 16.JUL.2020 05:20:45

Band71-10MHz-QPSK-133172-1RB#0



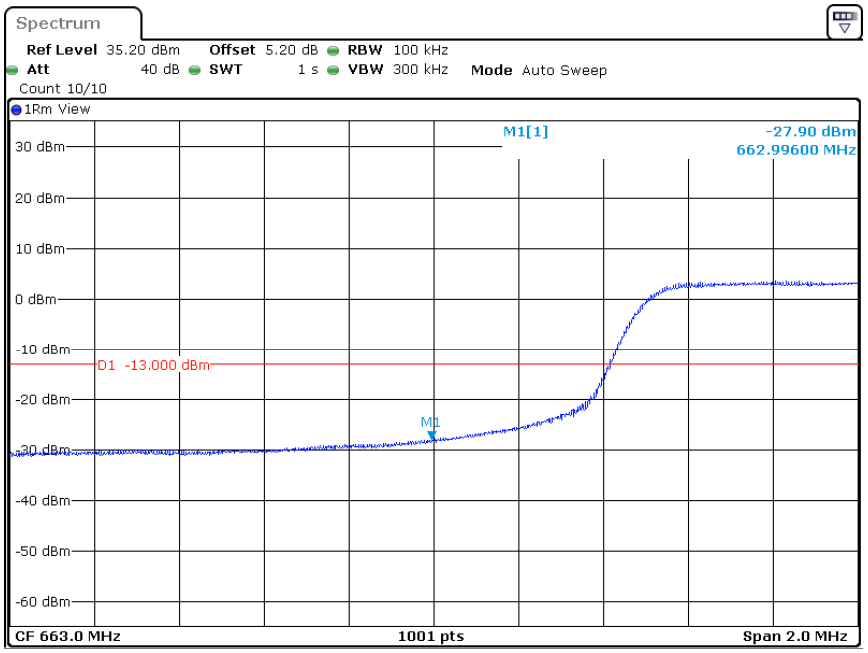
Date: 16.JUL.2020 05:21:10

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

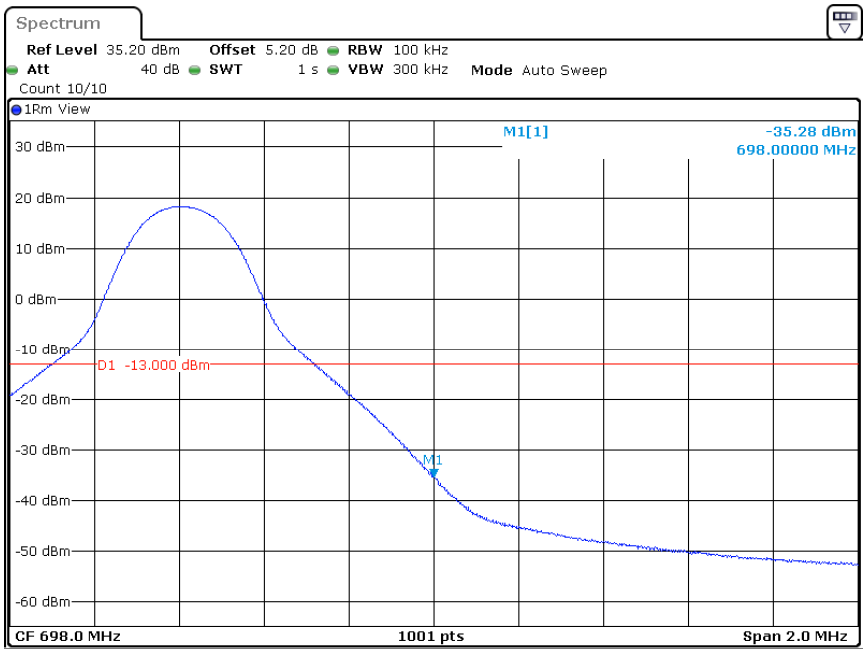
Member of the SGS Group (SGS SA)

Band71-10MHz-QPSK-133172-50RB#0



Date: 16.JUL.2020 05:21:52

Band71-10MHz-QPSK-133422-1RB#49



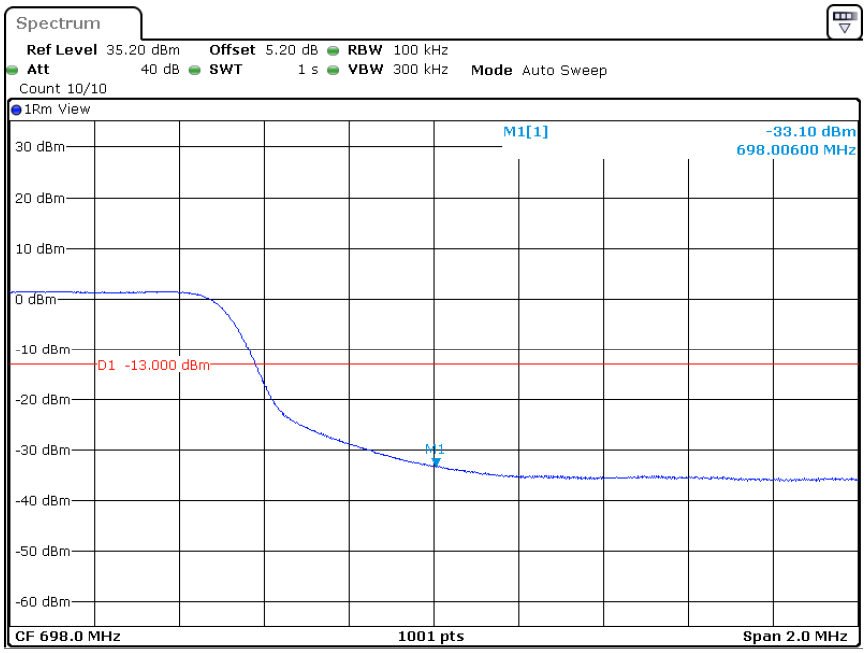
Date: 16.JUL.2020 05:22:38

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

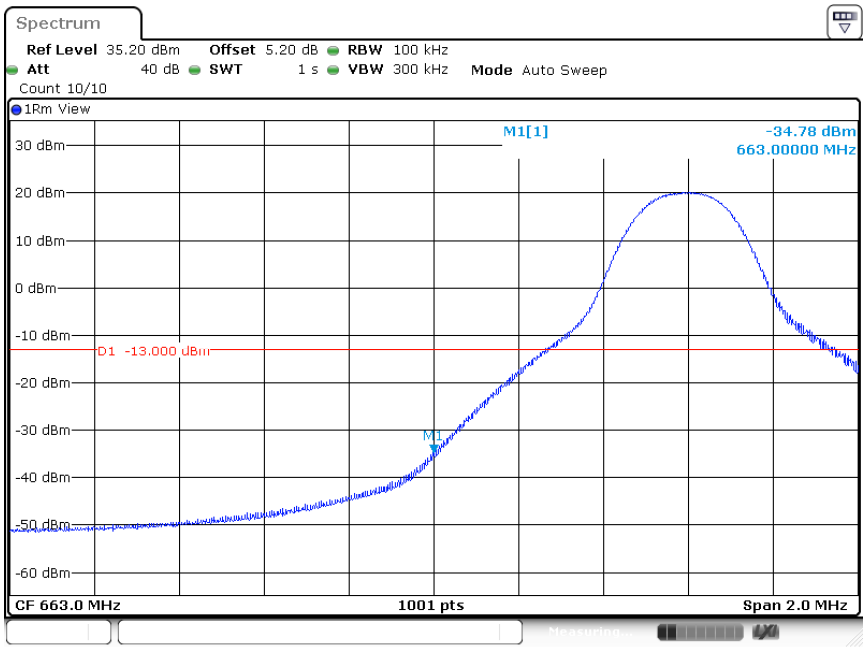
Member of the SGS Group (SGS SA)

Band71-10MHz-QPSK-133422-50RB#0



Date: 16.JUL.2020 05:23:19

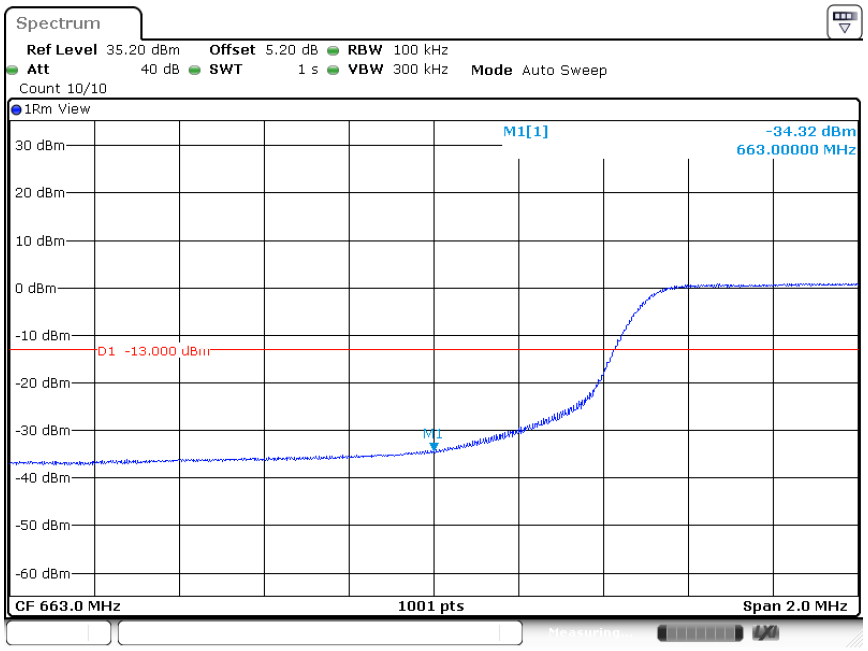
Band71-10MHz-64QAM-133172-1RB#0



Date: 12.AUG.2020 13:16:02

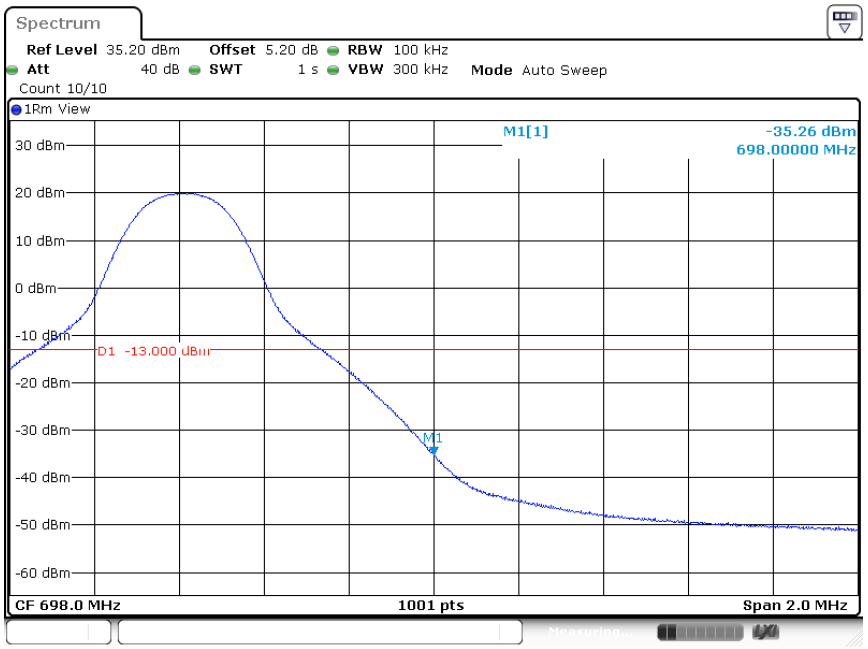
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band71-10MHz-64QAM-133172-50RB#0



Date: 12.AUG.2020 13:16:23

Band71-10MHz-64QAM-133422-1RB#49



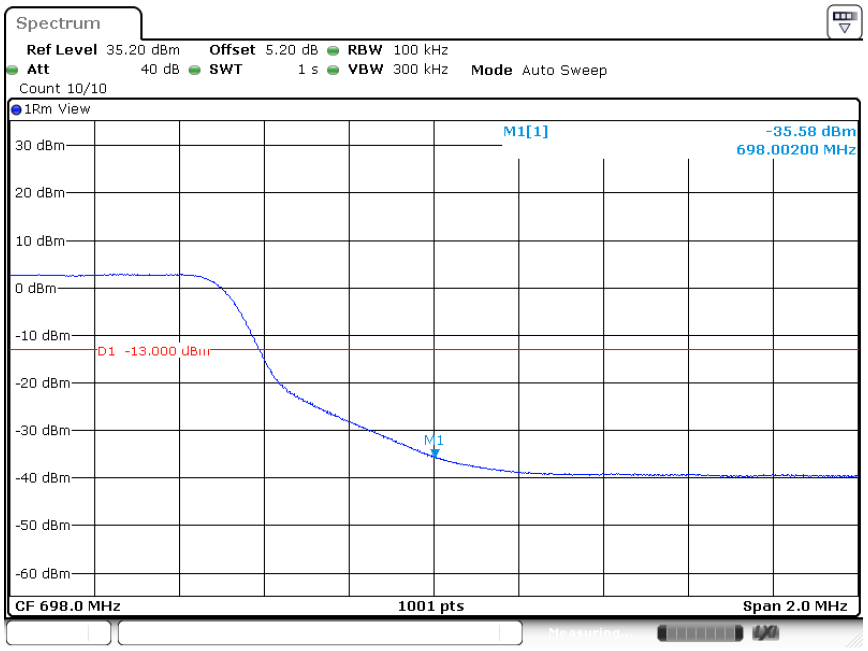
Date: 12.AUG.2020 13:16:49

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

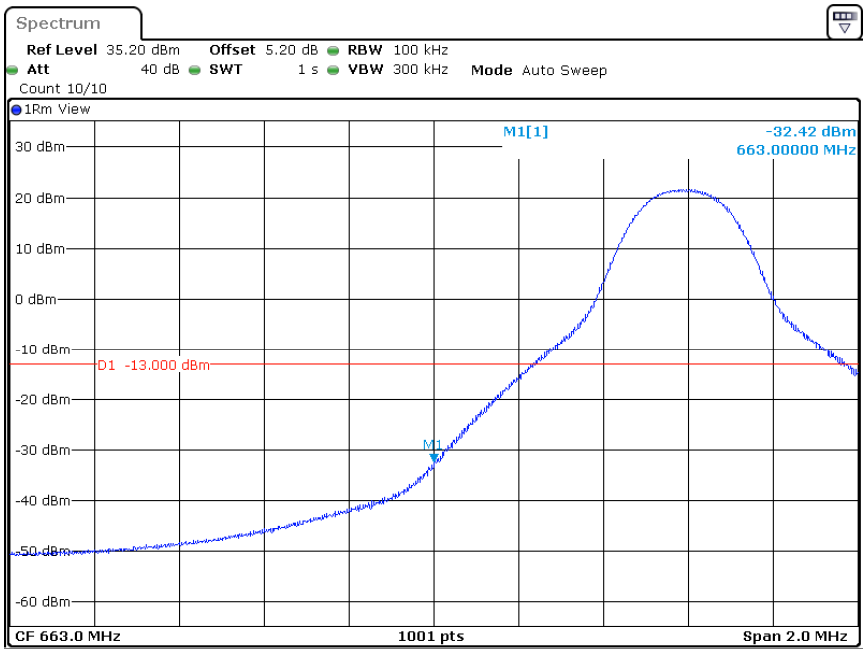
Member of the SGS Group (SGS SA)

Band71-10MHz-64QAM-133422-50RB#0



Date: 12.AUG.2020 13:17:10

Band71-10MHz-16QAM-133172-1RB#0



Date: 16.JUL.2020 05:21:31

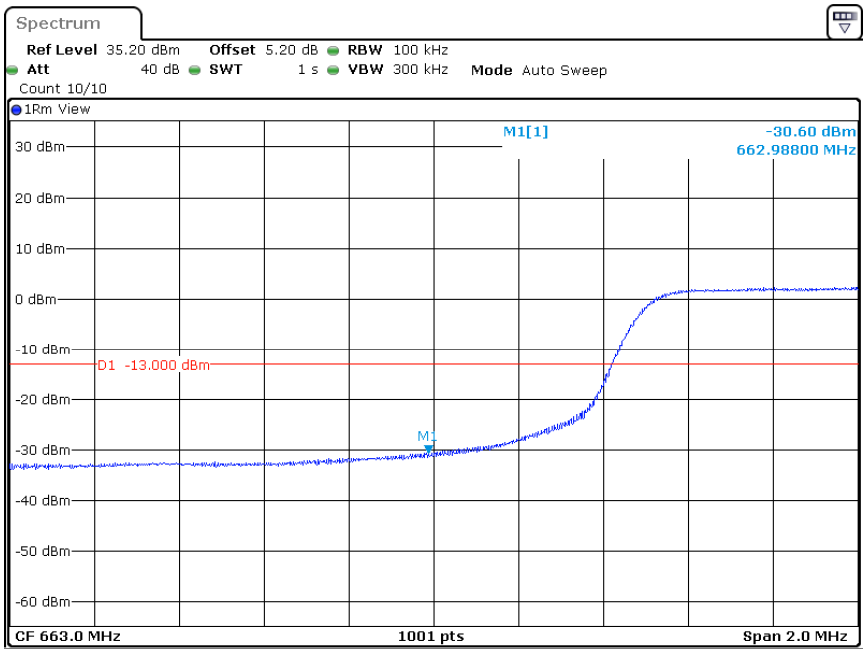
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Laboratory
检验检测专用章 Inspection & Testing Services

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

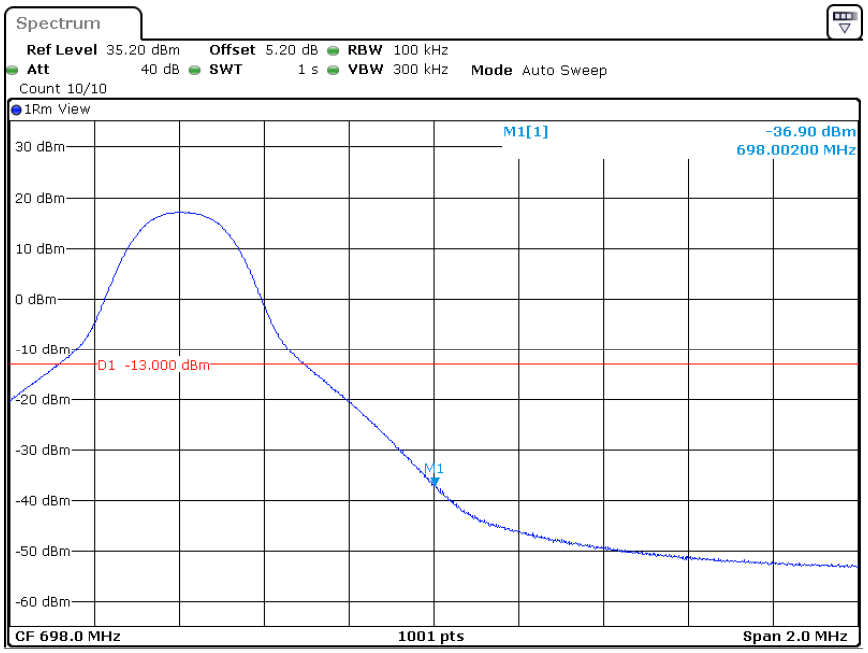
Member of the SGS Group (SGS SA)

Band71-10MHz-16QAM-133172-50RB#0



Date: 16.JUL.2020 05:22:13

Band71-10MHz-16QAM-133422-1RB#49



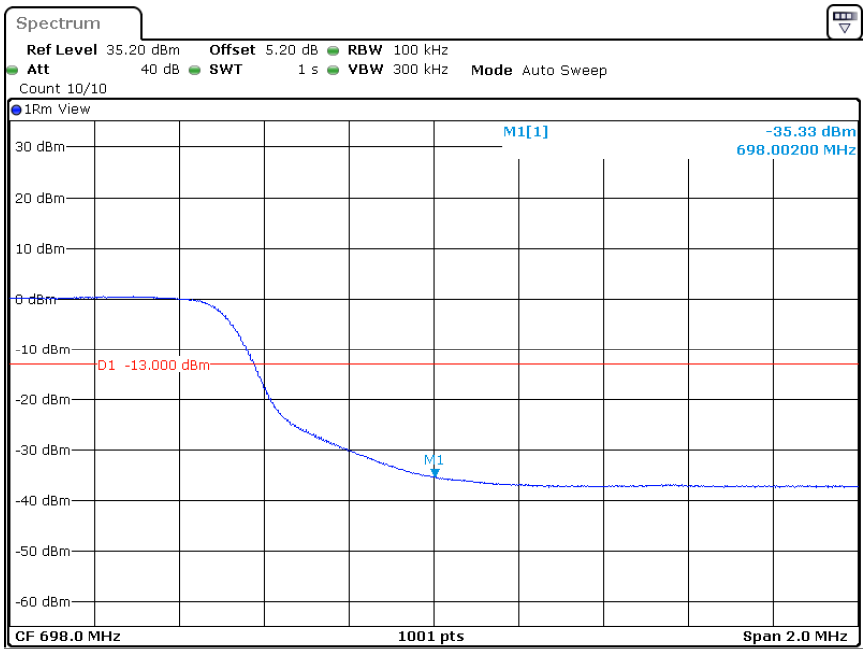
Date: 16.JUL.2020 05:22:58

通标标准技术服务有限公司深圳分公司
检验检测专用章
Inspection & Testing Services
SGS-CSTC Standards Technical Services Co.,Ltd.
Shenzhen Branch Testing Center-EEC Laboratory.

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

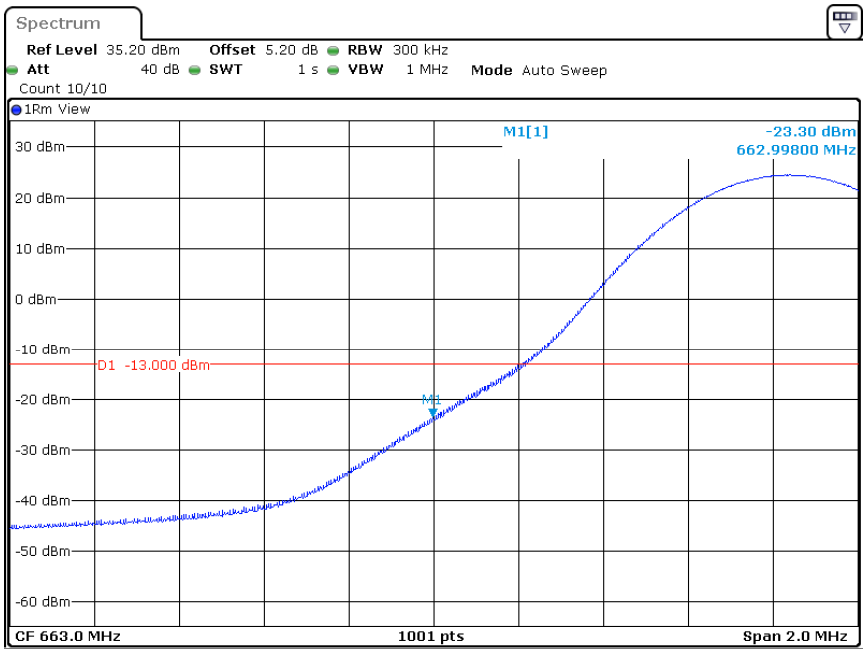
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band71-10MHz-16QAM-133422-50RB#0



Date: 16.JUL.2020 05:23:40

Band71-15MHz-QPSK-133197-1RB#0



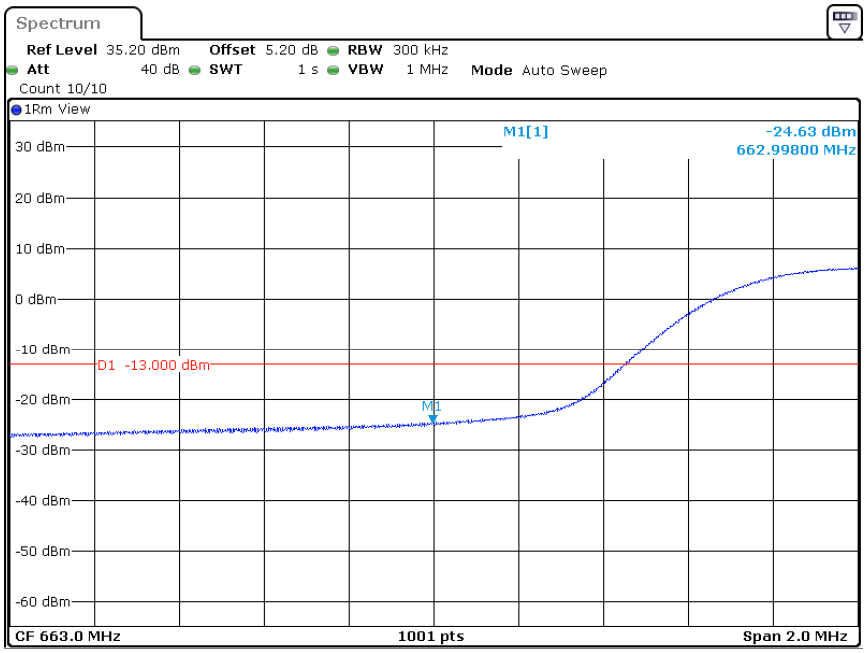
Date: 16.JUL.2020 05:24:05

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

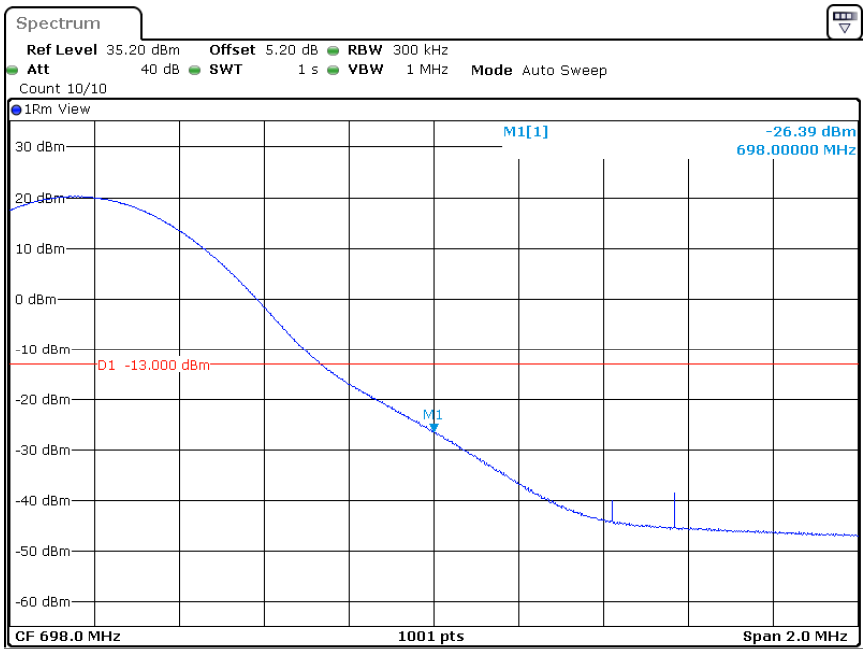
Member of the SGS Group (SGS SA)

Band71-15MHz-QPSK-133197-75RB#0



Date: 16.JUL.2020 05:24:46

Band71-15MHz-QPSK-133397-1RB#74



Date: 16.JUL.2020 05:25:32

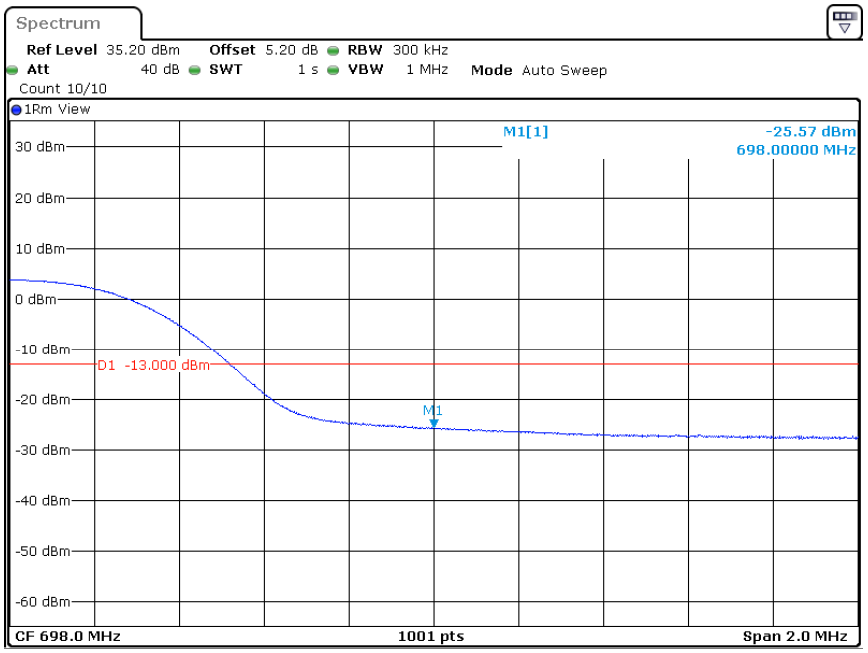
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch 检验检测专用章 Inspection & Testing Services

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

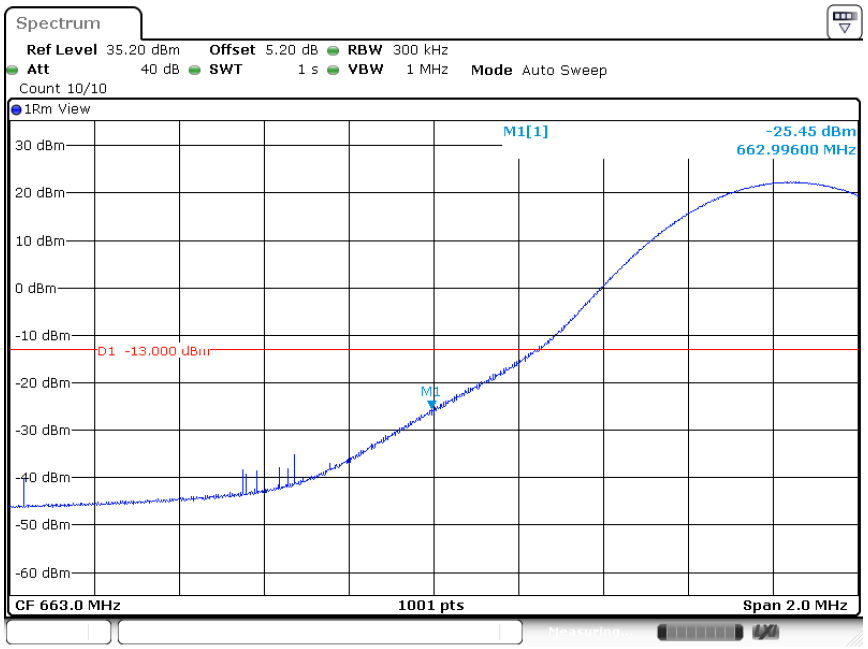
Member of the SGS Group (SGS SA)

Band71-15MHz-QPSK-133397-75RB#0



Date: 16.JUL.2020 05:26:13

Band71-15MHz-64QAM-133197-1RB#0



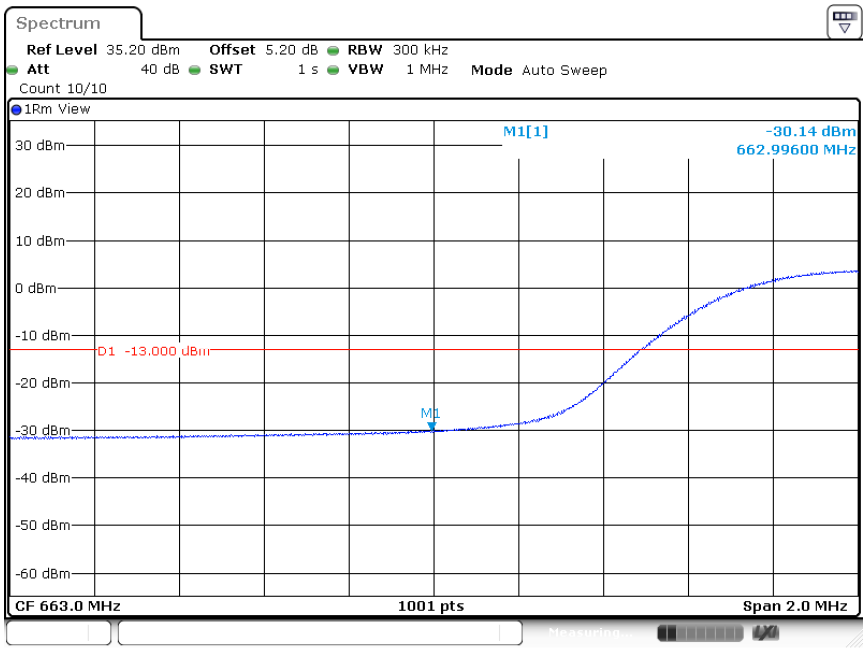
Date: 12.AUG.2020 13:17:38

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

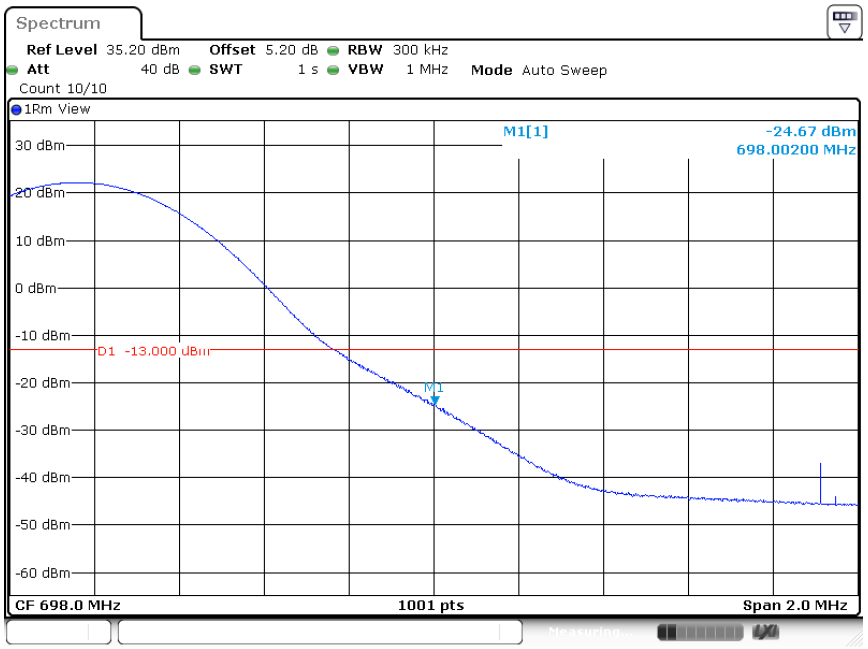
Member of the SGS Group (SGS SA)

Band71-15MHz-64QAM-133197-75RB#0



Date: 12.AUG.2020 13:17:59

Band71-15MHz-64QAM-133397-1RB#74

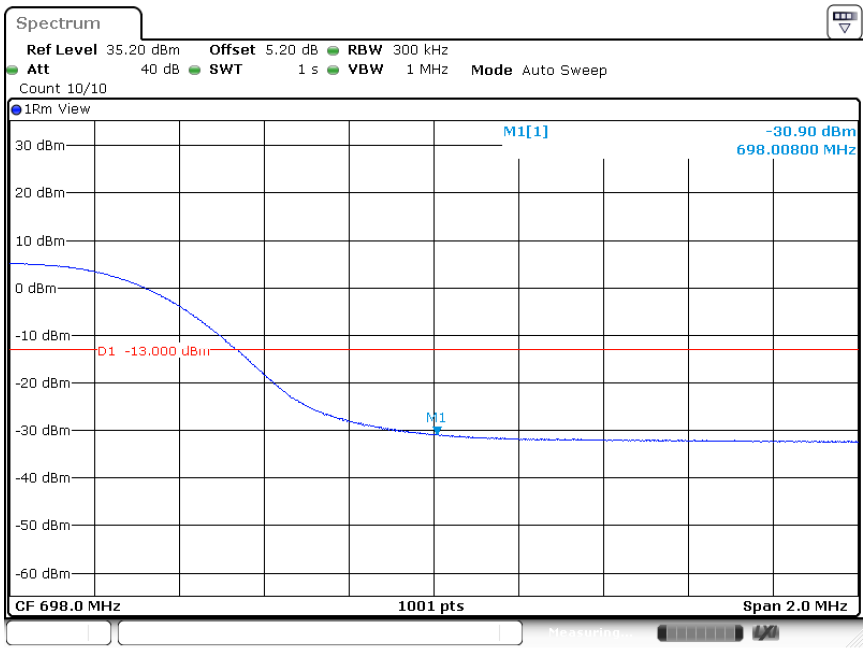


Date: 12.AUG.2020 13:18:26

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

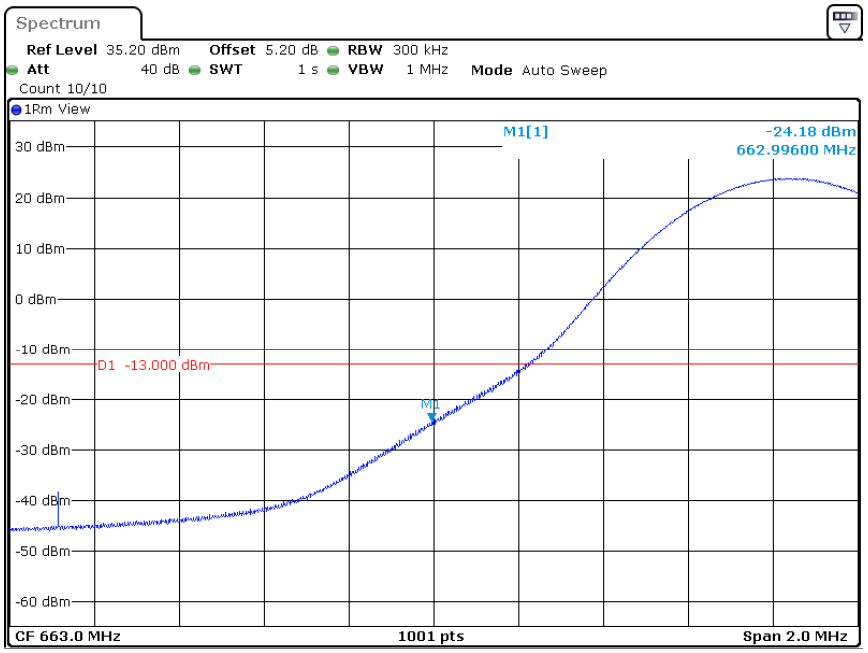
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band71-15MHz-64QAM-133397-75RB#0



Date: 12.AUG.2020 13:18:47

Band71-15MHz-16QAM-133197-1RB#0



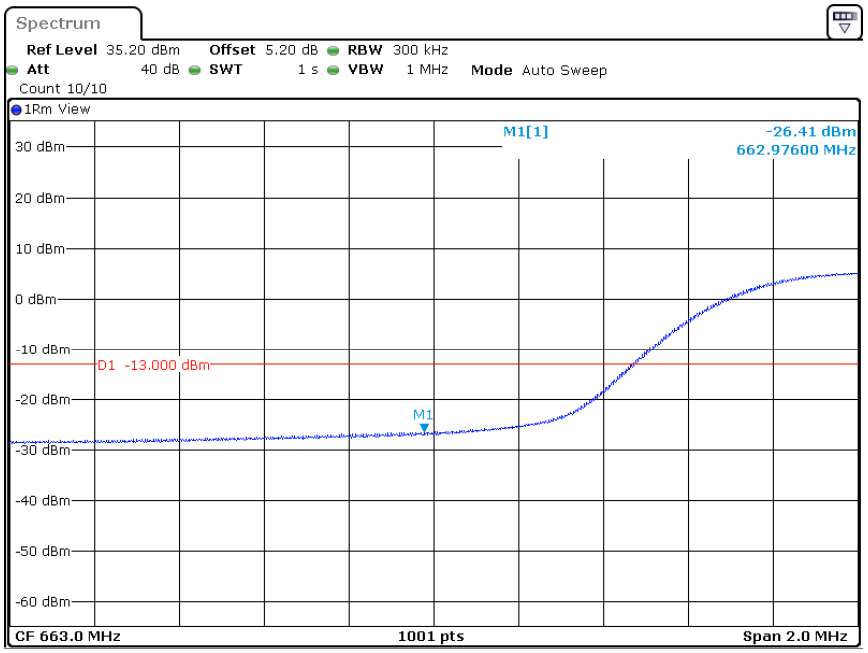
Date: 16.JUL.2020 05:24:26

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

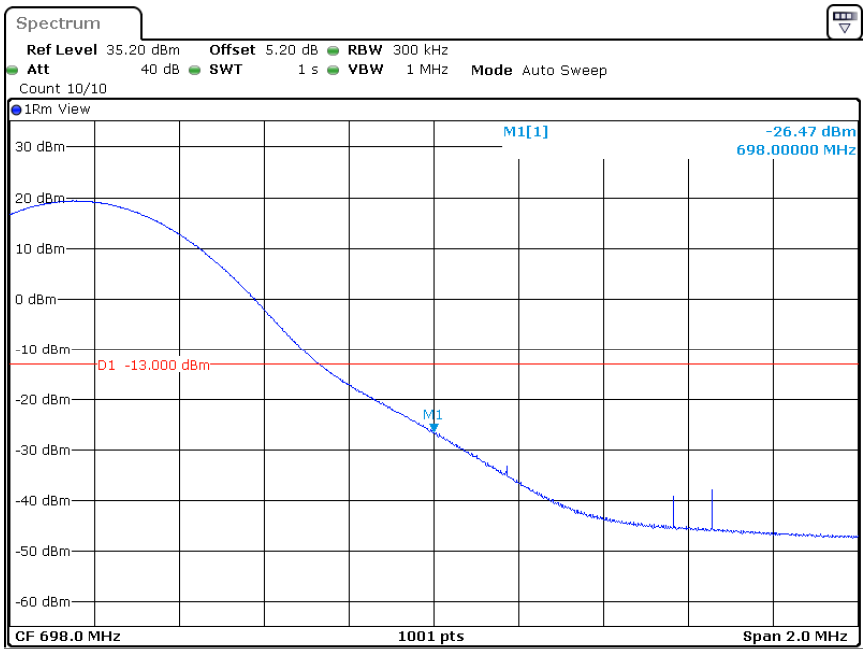
Member of the SGS Group (SGS SA)

Band71-15MHz-16QAM-133197-75RB#0



Date: 16.JUL.2020 05:25:07

Band71-15MHz-16QAM-133397-1RB#74



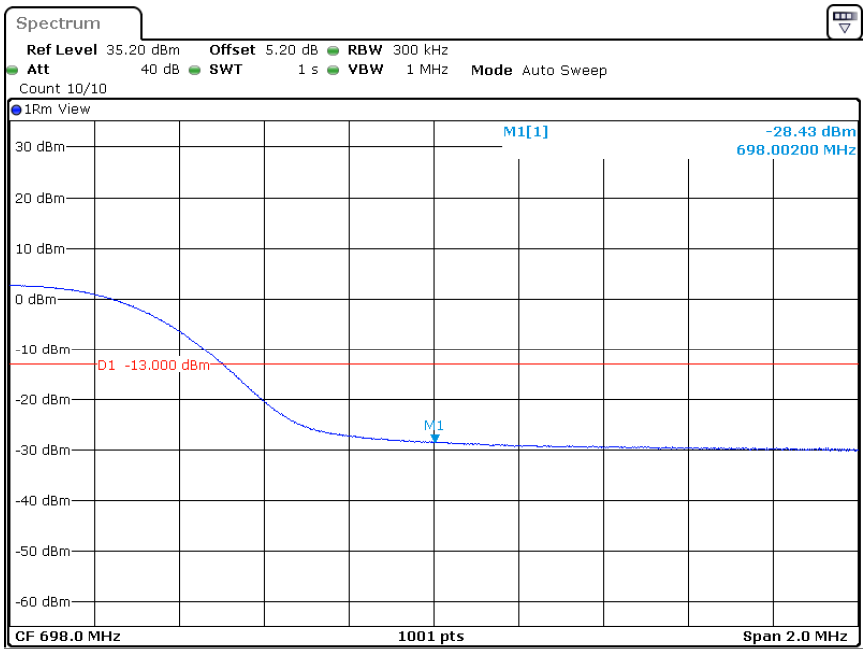
Date: 16.JUL.2020 05:25:52

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

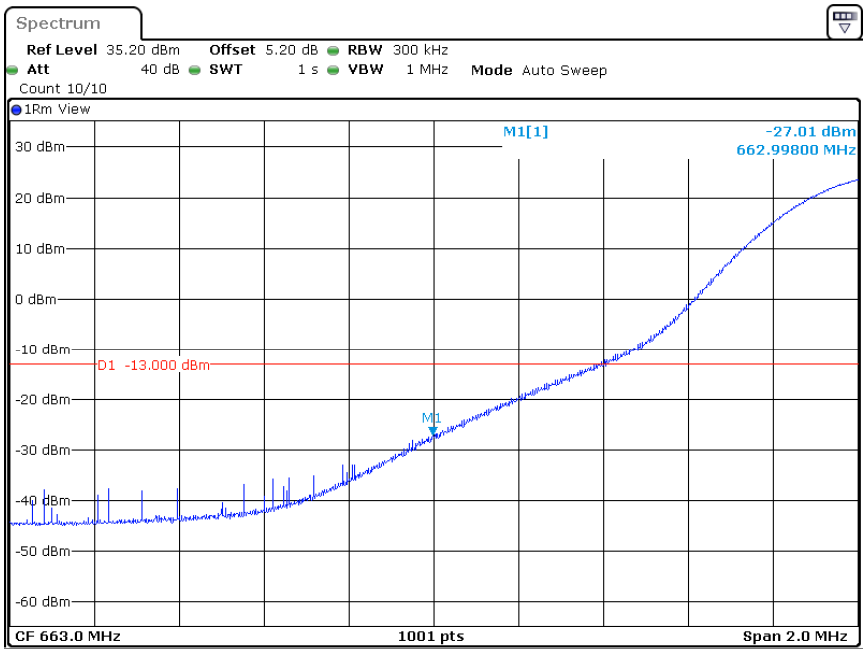
Member of the SGS Group (SGS SA)

Band71-15MHz-16QAM-133397-75RB#0



Date: 16.JUL.2020 05:26:34

Band71-20MHz-QPSK-133222-1RB#0



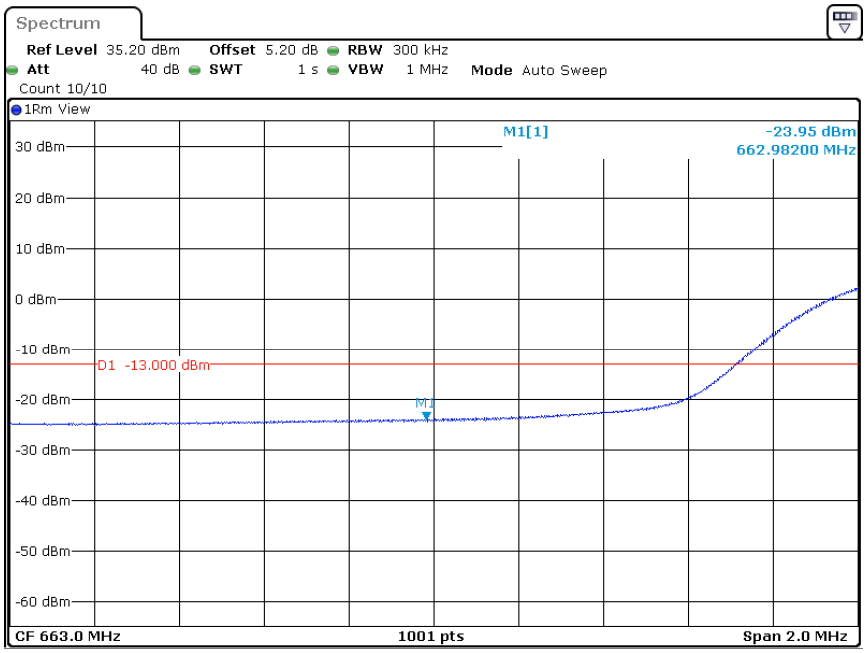
Date: 16.JUL.2020 05:26:59

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

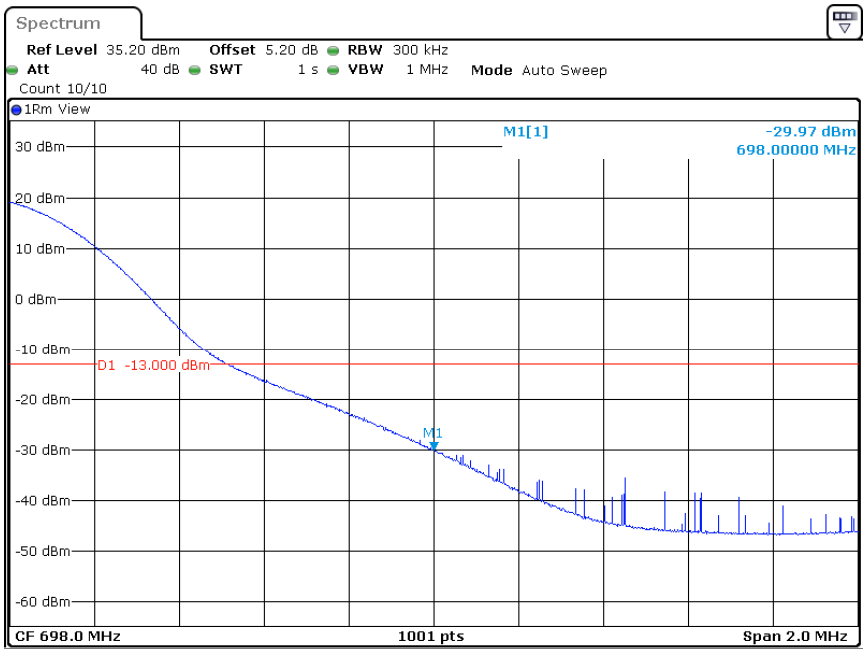
Member of the SGS Group (SGS SA)

Band71-20MHz-QPSK-133222-100RB#0



Date: 16.JUL.2020 05:27:41

Band71-20MHz-QPSK-133372-1RB#99



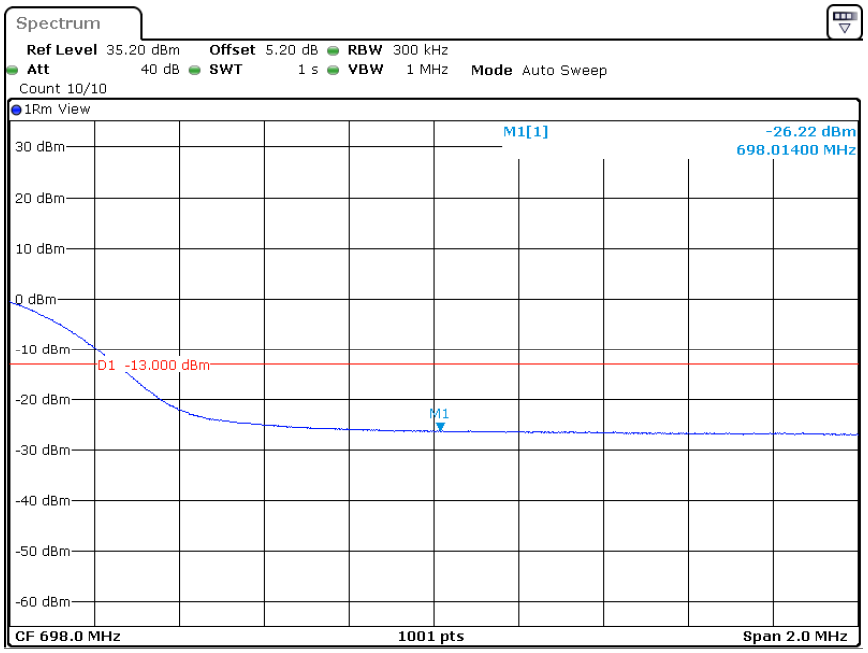
Date: 16.JUL.2020 05:28:27

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

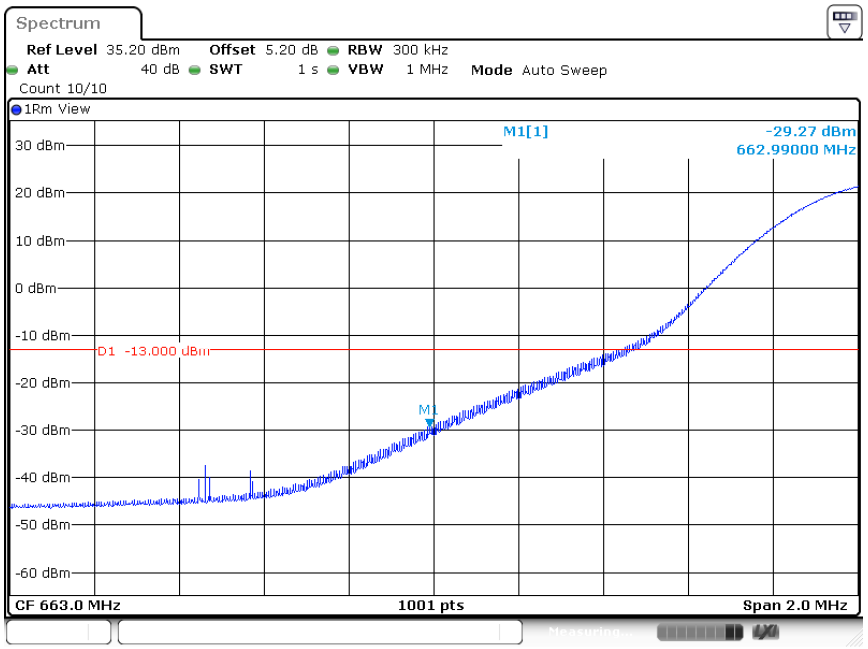
Member of the SGS Group (SGS SA)

Band71-20MHz-QPSK-133372-100RB#0



Date: 16.JUL.2020 05:29:08

Band71-20MHz-64QAM-133222-1RB#0



Date: 12.AUG.2020 13:19:14

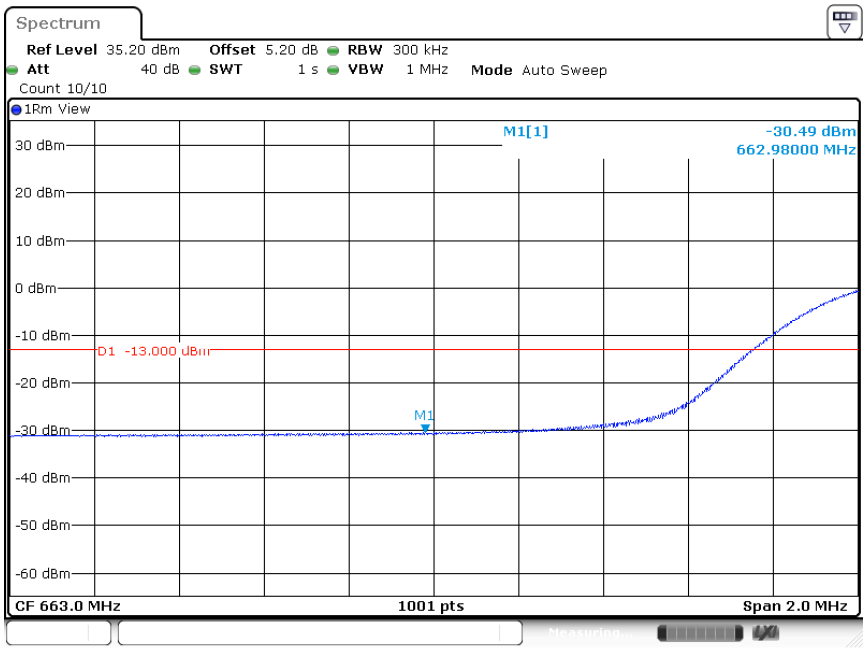
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

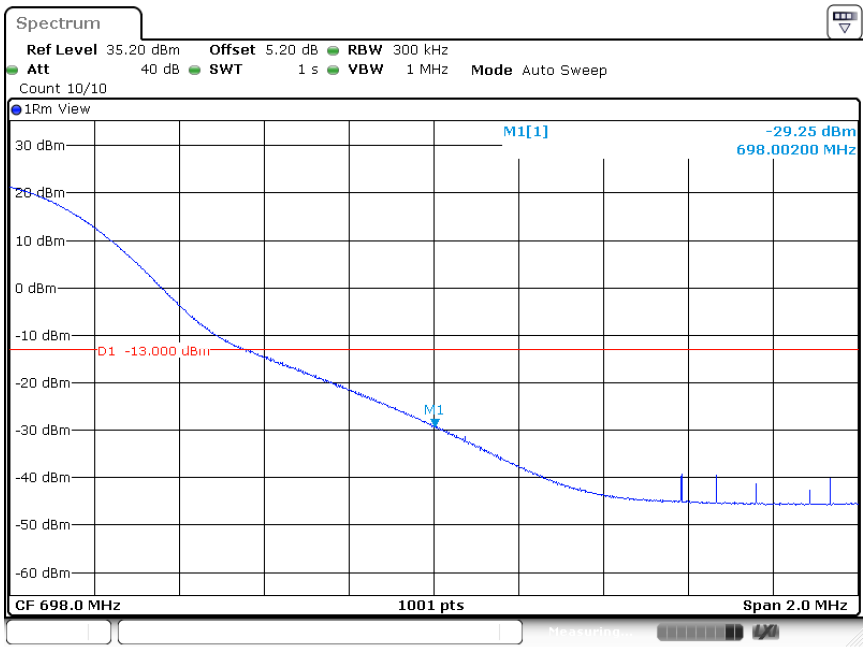
Member of the SGS Group (SGS SA)

Band71-20MHz-64QAM-133222-100RB#0



Date: 12.AUG.2020 13:19:35

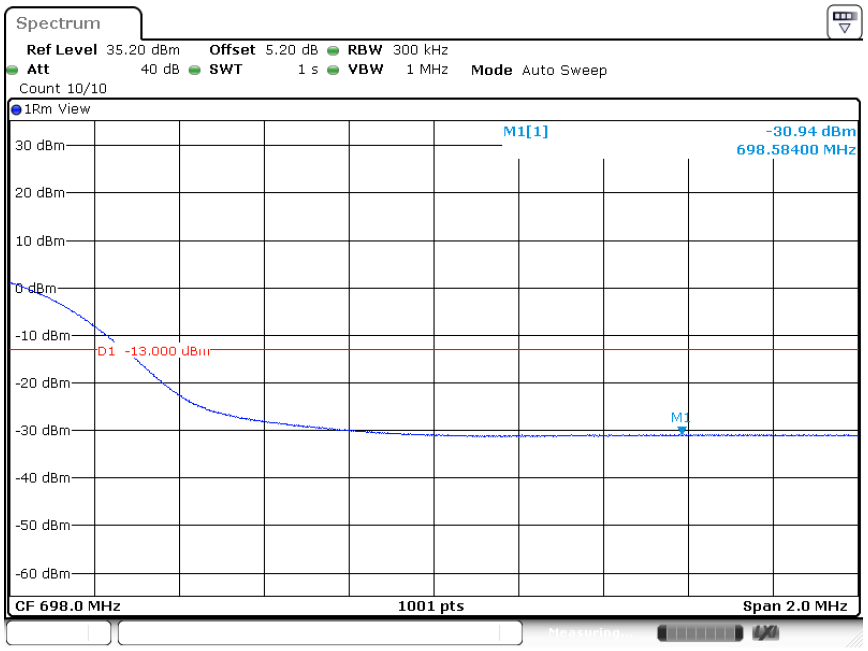
Band71-20MHz-64QAM-133372-1RB#99



Date: 12.AUG.2020 13:20:01

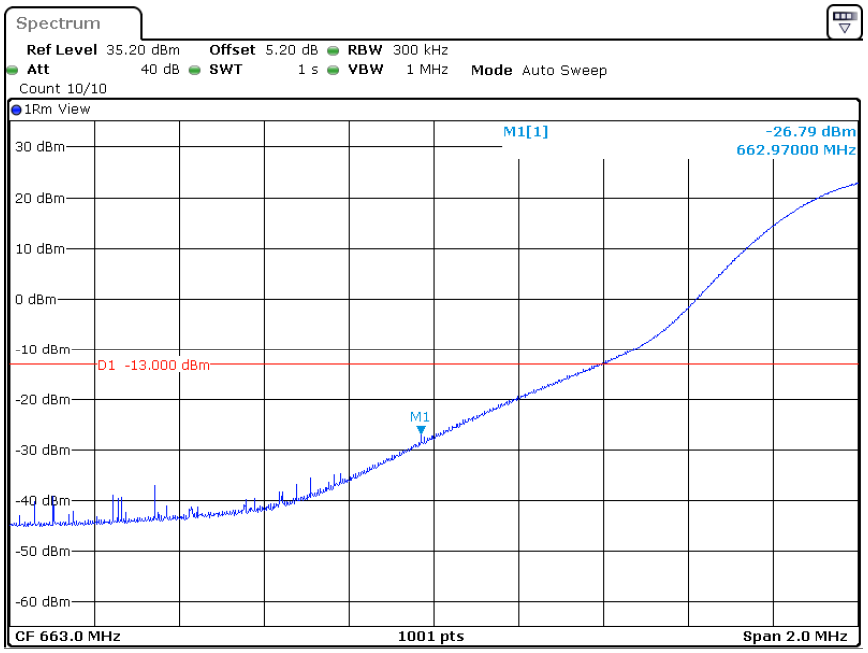
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC 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
Member of the SGS Group (SGS SA)

Band71-20MHz-64QAM-133372-100RB#0



Date: 12.AUG.2020 13:20:22

Band71-20MHz-16QAM-133222-1RB#0



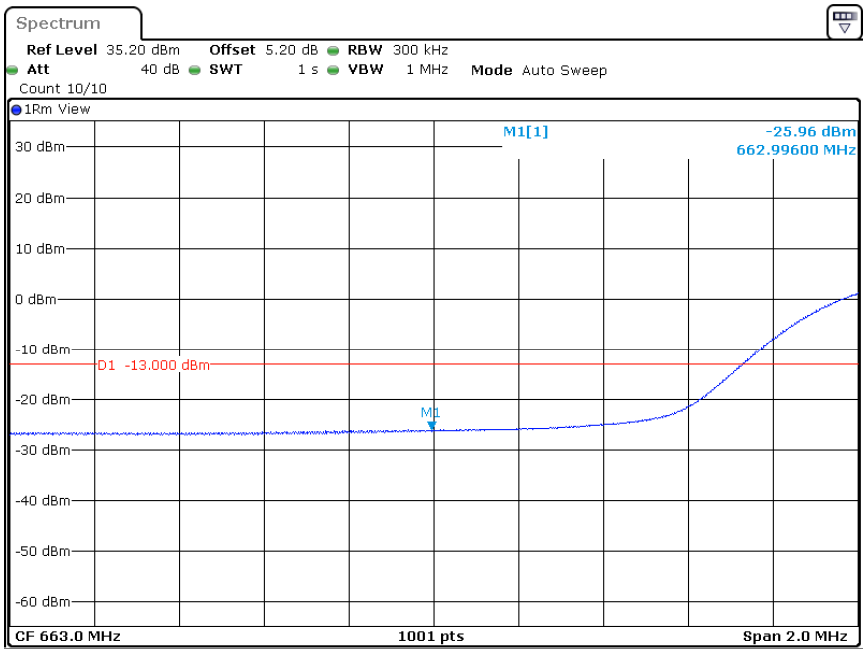
Date: 16.JUL.2020 05:27:20

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

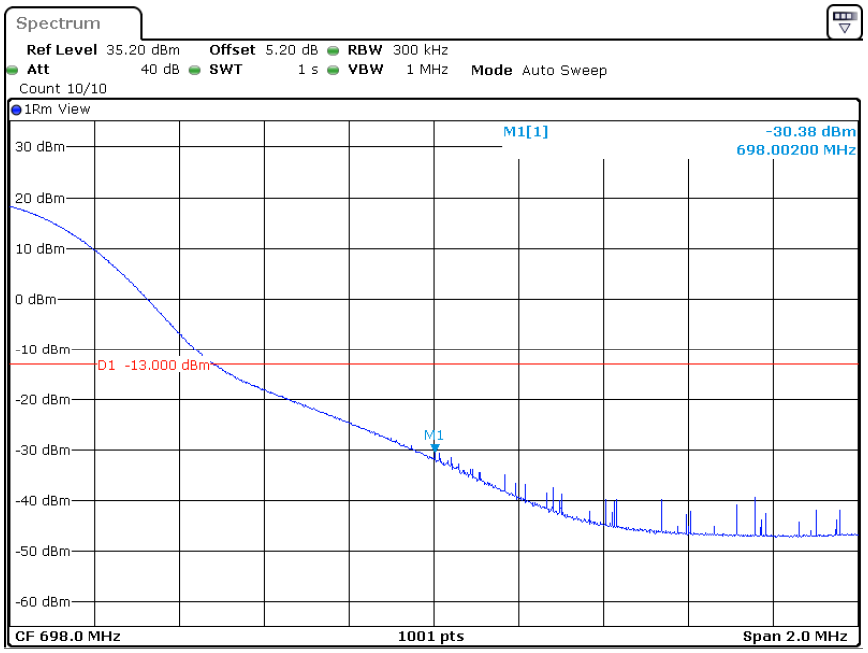
Member of the SGS Group (SGS SA)

Band71-20MHz-16QAM-133222-100RB#0



Date: 16.JUL.2020 05:28:01

Band71-20MHz-16QAM-133372-1RB#99



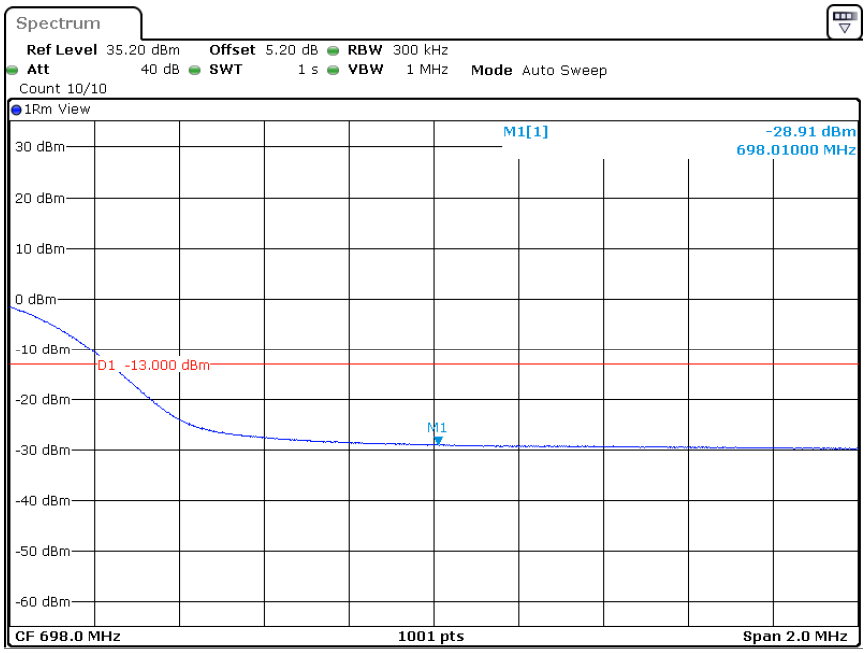
Date: 16.JUL.2020 05:28:47

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

Band71-20MHz-16QAM-133372-100RB#0



Date: 16.JUL.2020 05:29:29

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

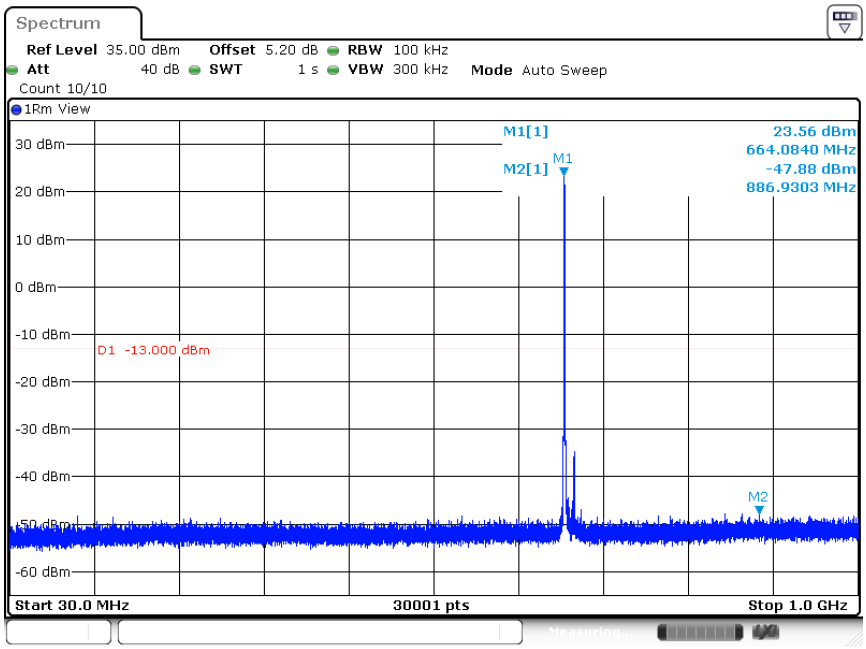
6. Spurious Emission at Antenna Terminal

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 * (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

Band71-20MHz-QPSK-133222-1RB#0-Range1:30~1000MHz

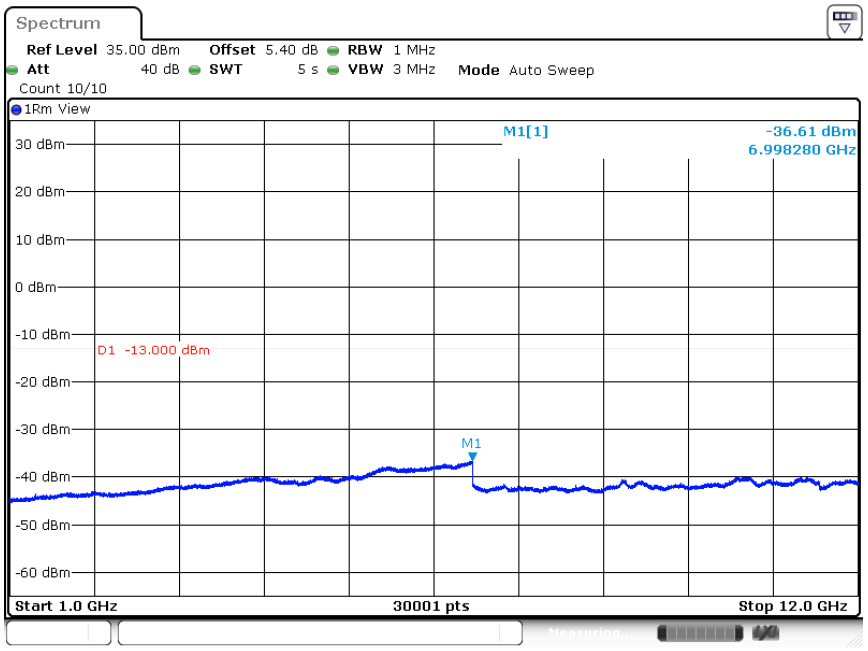


Date: 10.AUG.2020 22:53:46

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

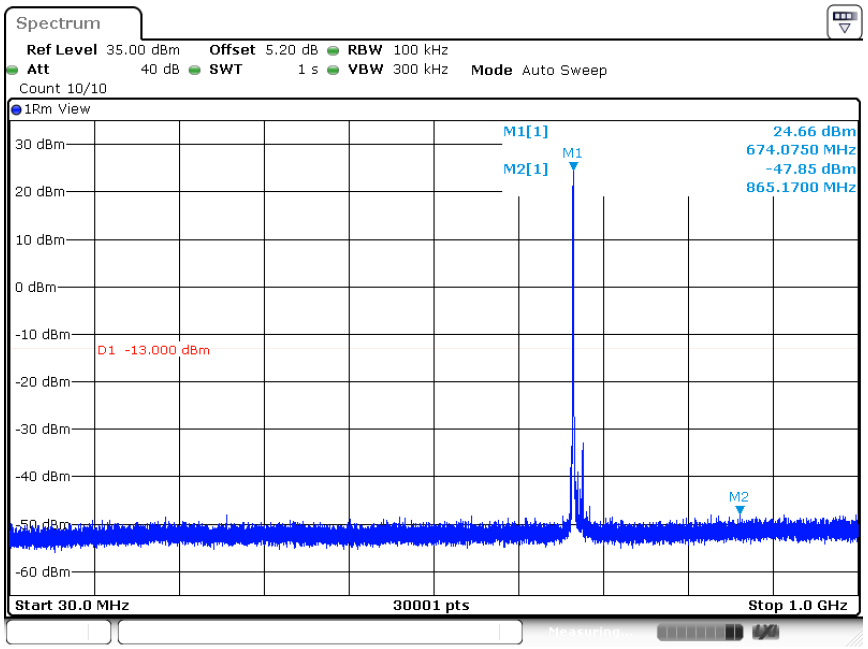
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band71-20MHz-QPSK-133222-1RB#0-Range2:1000~12000MHz



Date: 10.AUG.2020 22:54:54

Band71-20MHz-QPSK-133322-1RB#0-Range1:30~1000MHz



Date: 10.AUG.2020 22:56:41

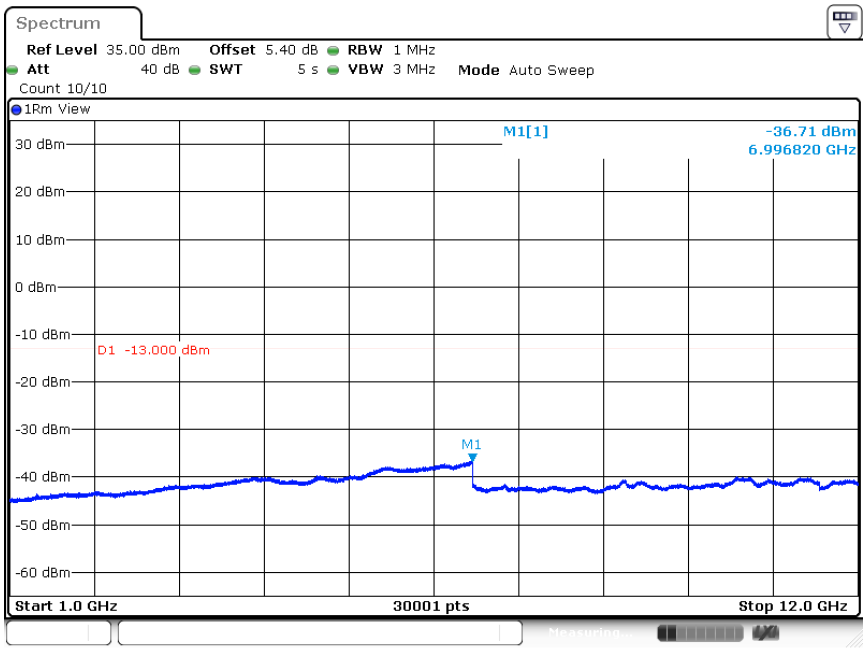
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Laboratory
检验检测专用章 Inspection & Testing Services

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

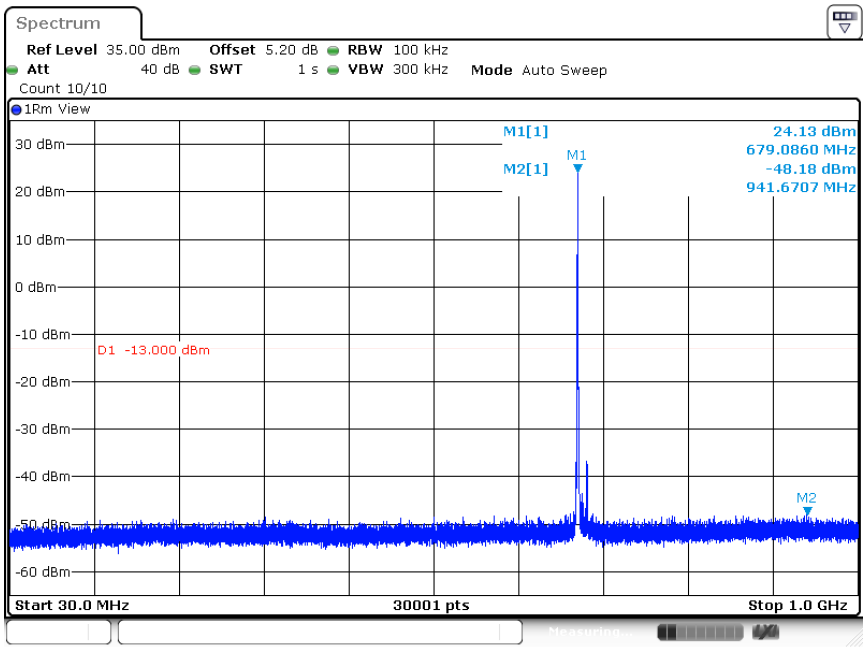
Member of the SGS Group (SGS SA)

Band71-20MHz-QPSK-133322-1RB#0-Range2:1000~12000MHz



Date: 10.AUG.2020 22:57:48

Band71-20MHz-QPSK-133372-1RB#0-Range1:30~1000MHz



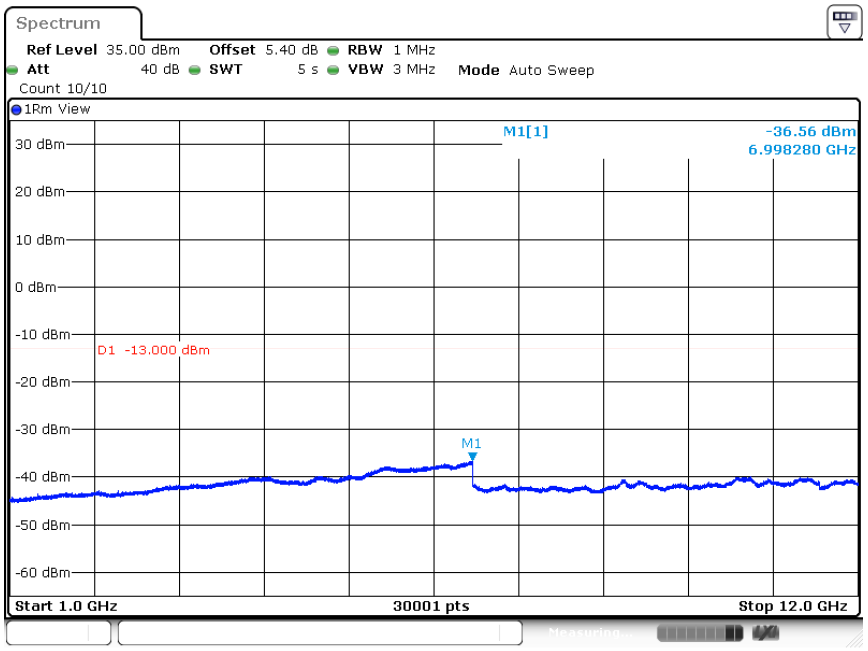
Date: 10.AUG.2020 22:59:35

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

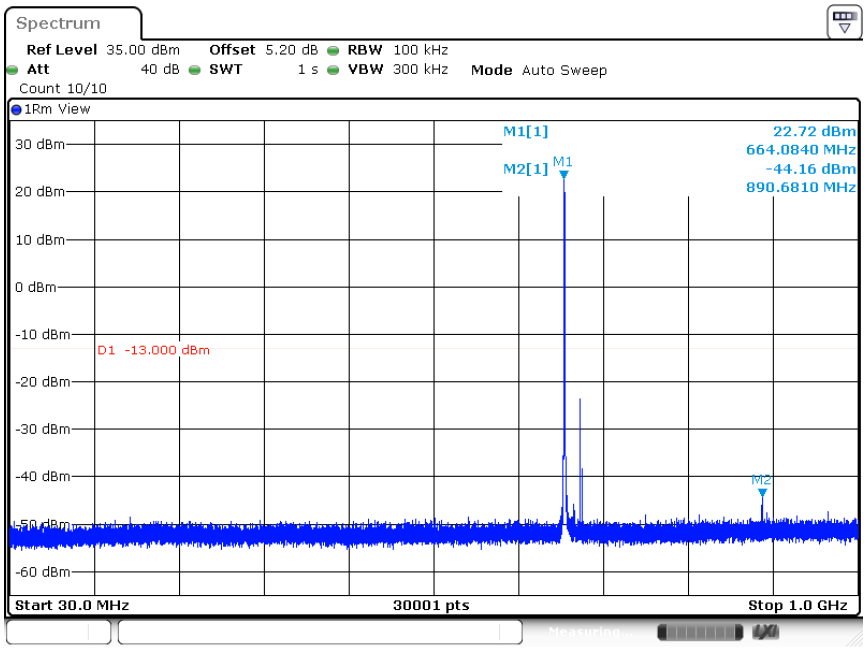
Member of the SGS Group (SGS SA)

Band71-20MHz-QPSK-133372-1RB#0-Range2:1000~12000MHz



Date: 10.AUG.2020 23:00:43

Band71-20MHz-64QAM-133222-1RB#0-Range1:30~1000MHz



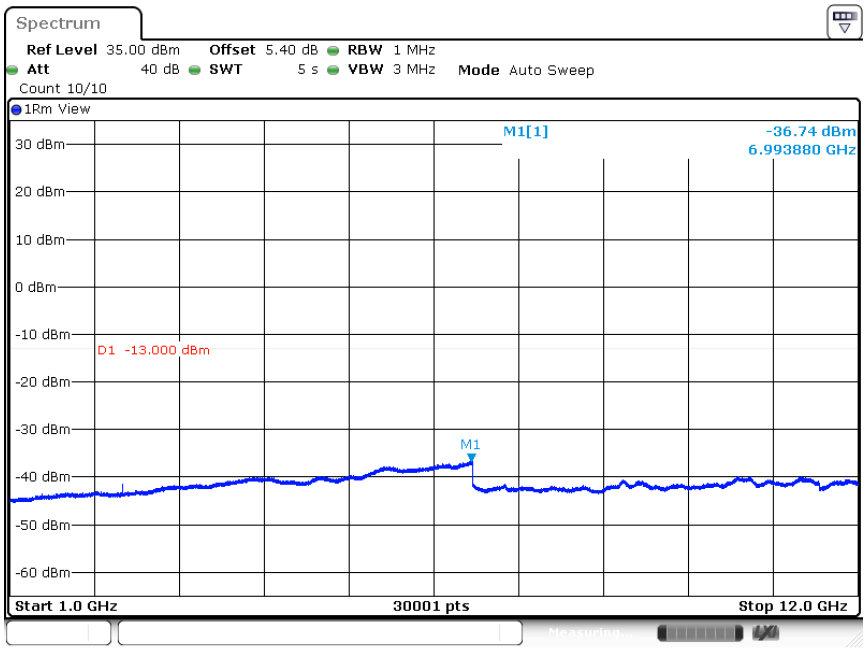
Date: 12.AUG.2020 13:20:47

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-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

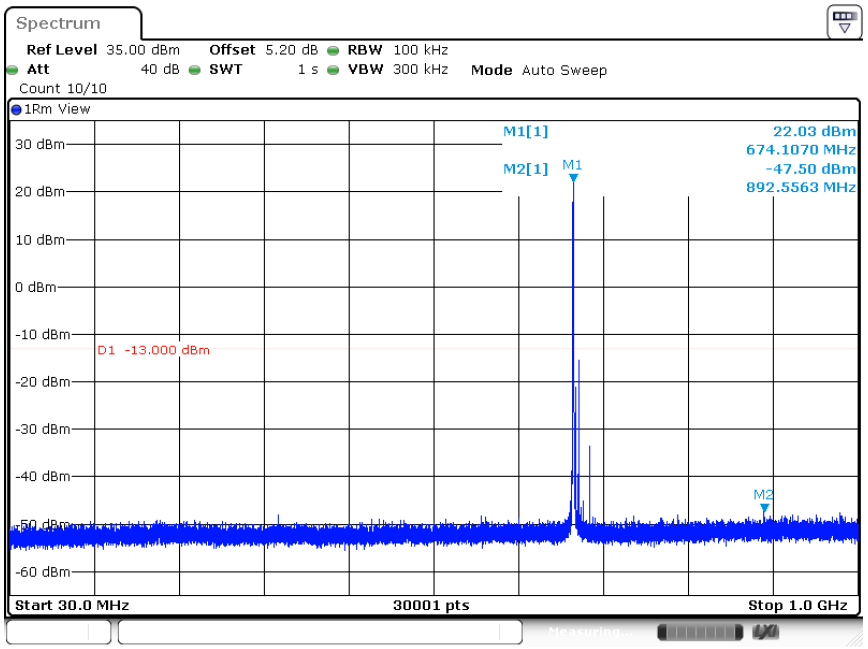
Member of the SGS Group (SGS SA)

Band71-20MHz-64QAM-133222-1RB#0-Range2:1000~12000MHz



Date: 12.AUG.2020 13:21:54

Band71-20MHz-64QAM-133322-1RB#0-Range1:30~1000MHz



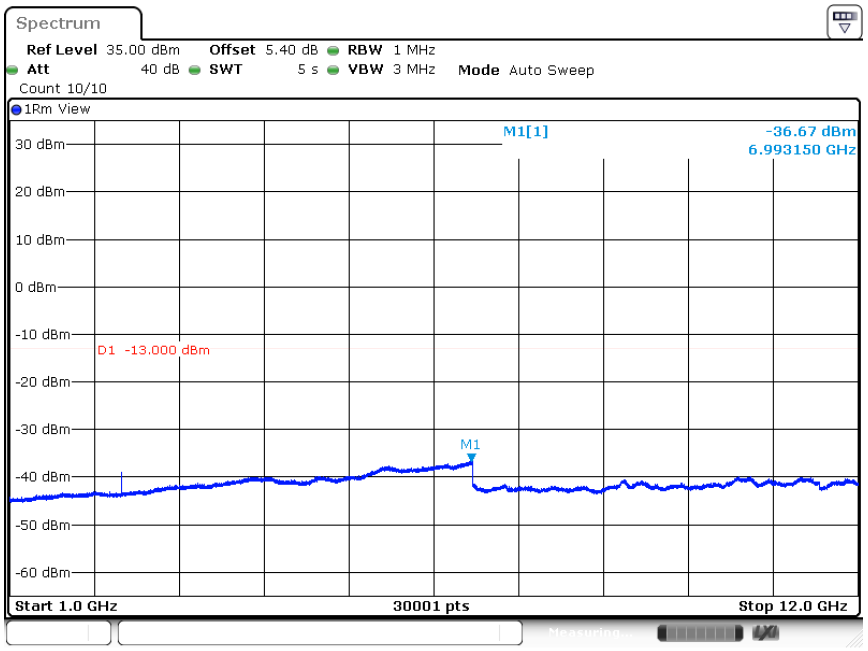
Date: 12.AUG.2020 13:22:14

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

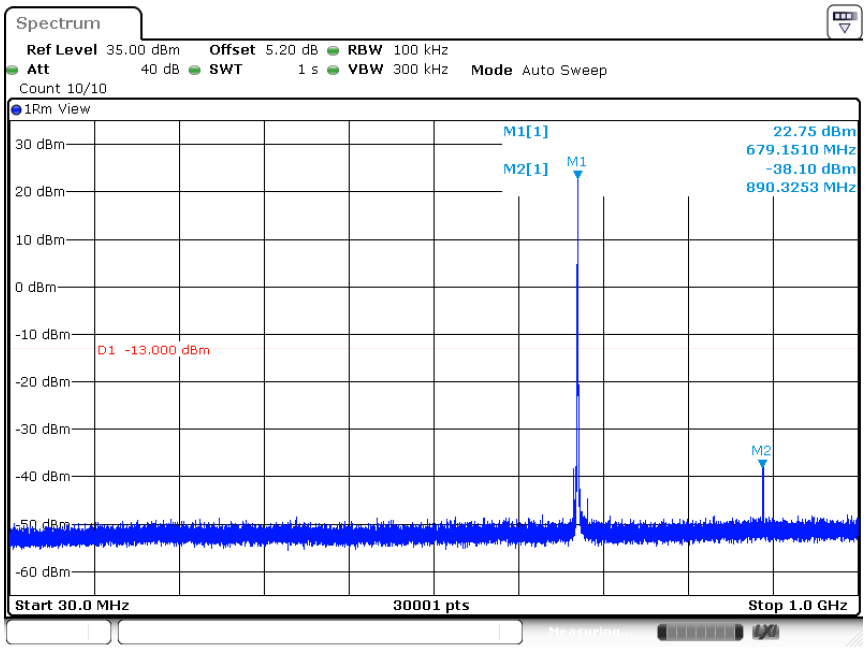
Member of the SGS Group (SGS SA)

Band71-20MHz-64QAM-133322-1RB#0-Range2:1000~12000MHz



Date: 12.AUG.2020 13:23:21

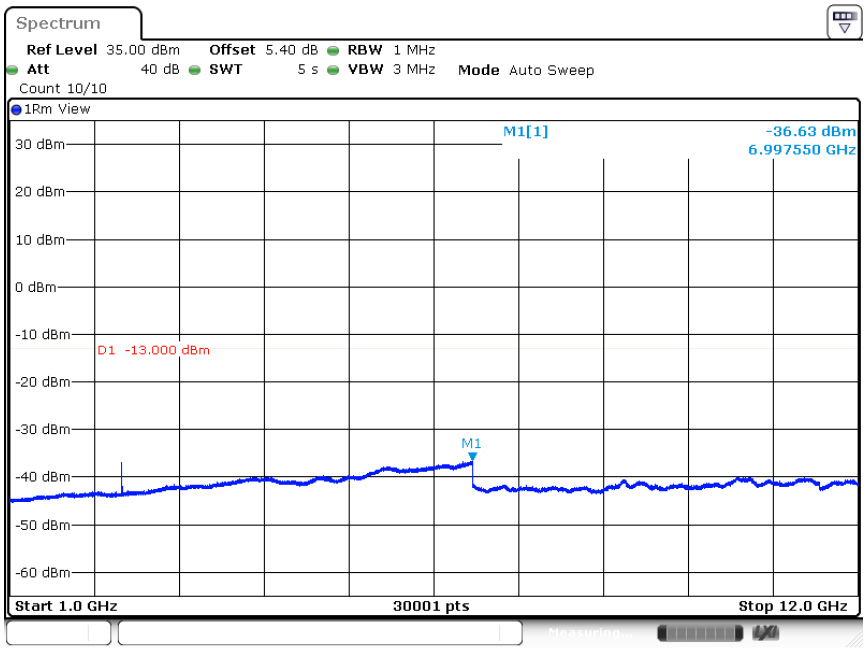
Band71-20MHz-64QAM-133372-1RB#0-Range1:30~1000MHz



Date: 12.AUG.2020 13:23:42

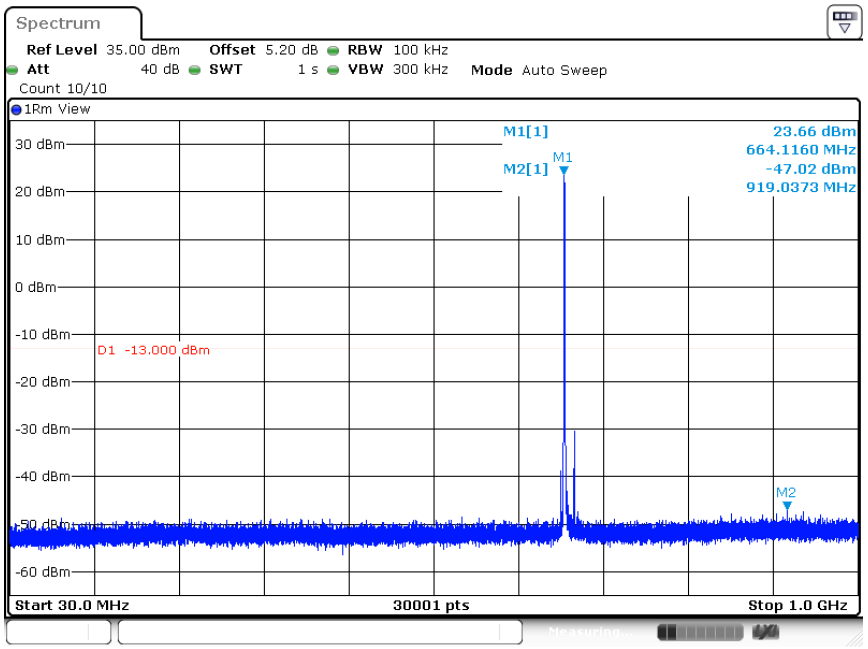
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band71-20MHz-64QAM-133372-1RB#0-Range2:1000~12000MHz



Date: 12.AUG.2020 13:24:49

Band71-20MHz-16QAM-133222-1RB#0-Range1:30~1000MHz



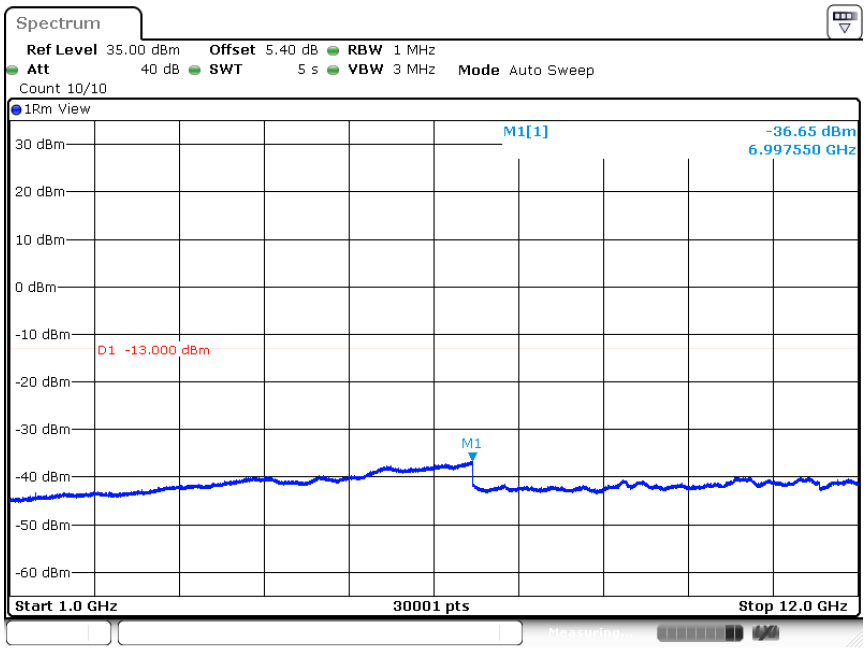
Date: 10.AUG.2020 22:55:13

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

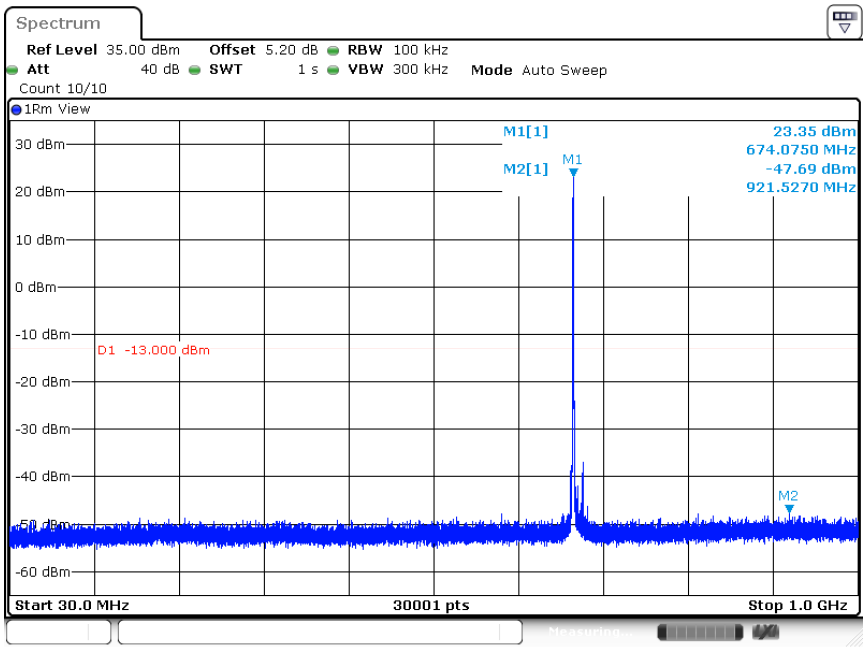
Member of the SGS Group (SGS SA)

Band71-20MHz-16QAM-133222-1RB#0-Range2:1000~12000MHz



Date: 10.AUG.2020 22:56:21

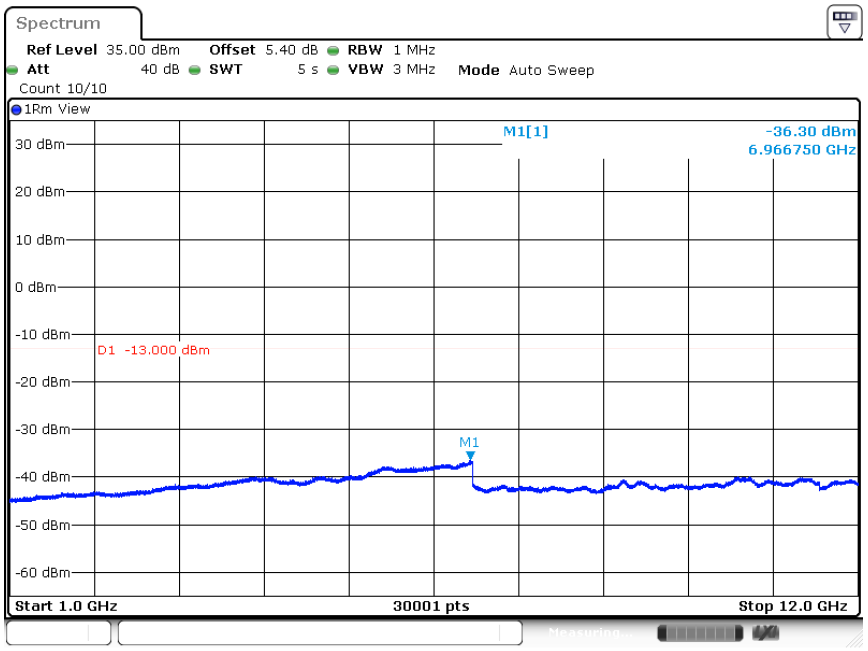
Band71-20MHz-16QAM-133322-1RB#0-Range1:30~1000MHz



Date: 10.AUG.2020 22:58:08

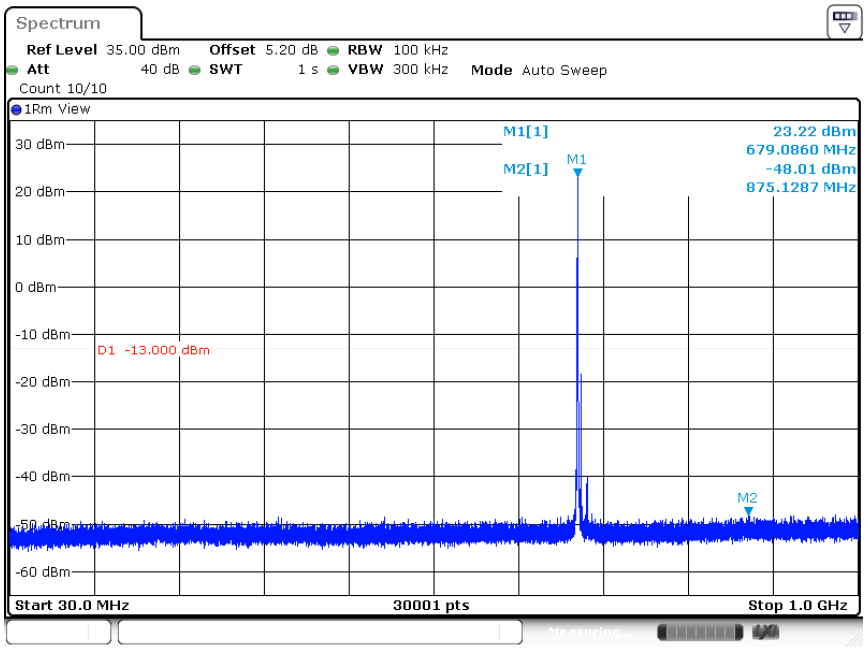
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band71-20MHz-16QAM-133322-1RB#0-Range2:1000~12000MHz



Date: 10.AUG.2020 22:59:15

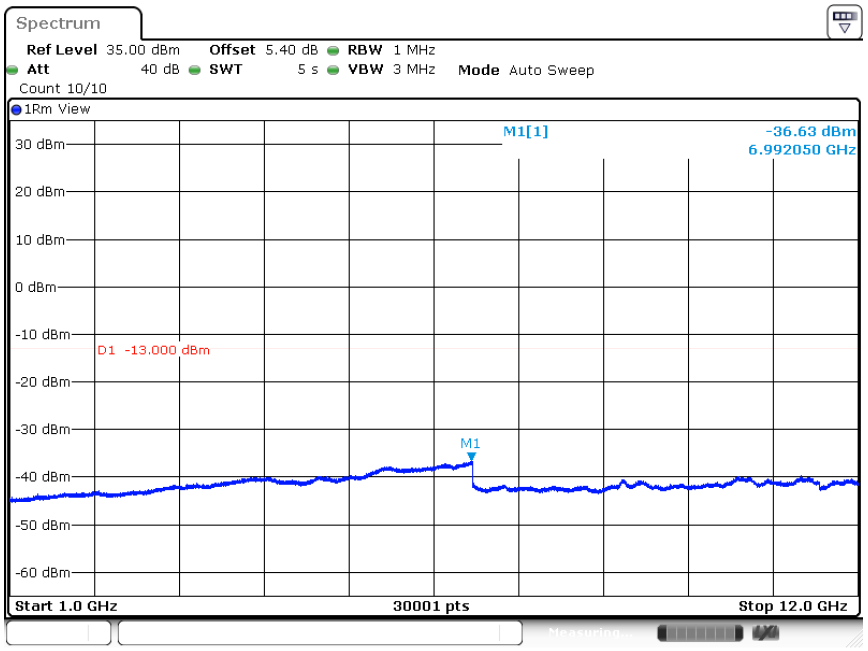
Band71-20MHz-16QAM-133372-1RB#0-Range1:30~1000MHz



Date: 10.AUG.2020 23:01:02

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

Band71-20MHz-16QAM-133372-1RB#0-Range2:1000~12000MHz



Date: 10.AUG.2020 23:02:10

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
74.9617	-63.48	-13.00	50.48	Vertical
104.1602	-65.64	-13.00	52.64	Vertical
1328.0656	-64.71	-13.00	51.71	Vertical
2699.1398	-57.26	-13.00	44.26	Vertical
14718.4687	-47.58	-13.00	34.58	Vertical
17998.8000	-39.71	-13.00	26.71	Vertical
40.0885	-65.38	-13.00	52.38	Horizontal
243.8472	-68.68	-13.00	55.68	Horizontal
1328.0656	-60.64	-13.00	47.64	Horizontal
2695.5391	-56.21	-13.00	43.21	Horizontal
10031.0812	-52.36	-13.00	39.36	Horizontal
16396.1358	-42.62	-13.00	29.62	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
73.5067	-64.24	-13.00	51.24	Vertical
305.5908	-69.77	-13.00	56.77	Vertical
1699.7399	-62.27	-13.00	49.27	Vertical
3000.0000	-56.37	-13.00	43.37	Vertical
8531.0212	-55.70	-13.00	42.70	Vertical
17998.1999	-39.47	-13.00	26.47	Vertical
41.1071	-64.18	-13.00	51.18	Horizontal
239.6275	-68.58	-13.00	55.58	Horizontal
2014.6029	-59.71	-13.00	46.71	Horizontal
2697.5395	-56.02	-13.00	43.02	Horizontal
7458.1783	-56.32	-13.00	43.32	Horizontal
16396.7359	-42.93	-13.00	29.93	Horizontal

通标标准技术服务有限公司深圳分公司
检验检测专用章
Inspection & Testing Services
SGS-CSTC Standards Technical Services Co.,Ltd.
Shenzhen Branch Testing Center-EEC Laboratory.

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

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
74.4767	-64.83	-13.00	51.83	Vertical
109.4955	-64.86	-13.00	51.86	Vertical
1358.0716	-61.99	-13.00	48.99	Vertical
7457.5783	-55.95	-13.00	42.95	Vertical
14308.6523	-49.15	-13.00	36.15	Vertical
17998.8000	-40.29	-13.00	27.29	Vertical
44.8417	-63.52	-13.00	50.52	Horizontal
241.4706	-68.32	-13.00	55.32	Horizontal
1358.0716	-57.12	-13.00	44.12	Horizontal
2037.4075	-57.94	-13.00	44.94	Horizontal
7486.3795	-56.39	-13.00	43.39	Horizontal
16395.5358	-43.09	-13.00	30.09	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

通标标准技术服务有限公司深圳分公司
检验检测专用章
Inspection & Testing Services
SGS-CSTC Standards Technical Services Co.,Ltd.
Shenzhen Branch Testing Center-EEC Laboratory.

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

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
Band71	20MHz	QPSK	133222	100RB#0	VL	NT	1.40	0.002080	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VN	NT	1.30	0.001932	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VH	NT	0.70	0.001040	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	2.20	0.003221	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	1.40	0.002050	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	1.10	0.001611	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VN	NT	2.10	0.003052	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VH	NT	1.00	0.001453	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	VL	NT	0.60	0.000892	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	VN	NT	-0.50	-0.000743	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	VH	NT	-0.20	-0.000297	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	VN	NT	0.40	0.000586	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	VH	NT	-1.10	-0.001611	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	VL	NT	1.00	0.001453	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	VN	NT	1.10	0.001599	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	VH	NT	0.20	0.000291	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VL	NT	0.70	0.001040	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VN	NT	1.70	0.002526	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VH	NT	-2.30	-0.003418	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VL	NT	0.70	0.001025	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VN	NT	-0.90	-0.001318	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VH	NT	0.50	0.000732	±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
Band71	20MHz	QPSK	133222	100RB#0	NV	-30	-1.10	-0.001634	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	-20	0.30	0.000446	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	0	-2.10	-0.003120	±2.5	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71	20MHz	QPSK	133222	100RB#0	NV	10	0.30	0.000446	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	20	1.40	0.002080	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	30	-0.30	-0.000446	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	40	1.20	0.001783	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	50	-0.80	-0.001189	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-1.00	-0.001464	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	2.50	0.003660	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	0.50	0.000732	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	1.50	0.002196	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-0.80	-0.001171	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	0.20	0.000293	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	0.90	0.001318	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-30	0.20	0.000291	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-20	1.70	0.002471	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	0	0.70	0.001017	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	10	0.50	0.000727	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	20	3.20	0.004651	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	30	-1.20	-0.001744	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	40	0.20	0.000291	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	50	1.90	0.002762	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	-30	1.40	0.002080	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	-20	0.50	0.000743	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	0	-0.50	-0.000743	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	10	0.80	0.001189	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	20	1.10	0.001634	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	30	-1.40	-0.002080	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	40	-1.60	-0.002377	±2.5	PASS
Band71	20MHz	64QAM	133222	100RB#0	NV	50	-0.80	-0.001189	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	-30	-0.90	-0.001318	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	-20	0.50	0.000732	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	0	-0.60	-0.000878	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	10	-0.30	-0.000439	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	20	-0.80	-0.001171	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	30	1.50	0.002196	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	40	0.60	0.000878	±2.5	PASS
Band71	20MHz	64QAM	133322	100RB#0	NV	50	0.20	0.000293	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	NV	-30	0.20	0.000291	±2.5	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band71	20MHz	64QAM	133372	100RB#0	NV	-20	-1.50	-0.002180	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	NV	0	1.90	0.002762	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	NV	10	1.00	0.001453	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	NV	20	-1.30	-0.001890	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	NV	30	-0.60	-0.000872	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	NV	40	1.50	0.002180	±2.5	PASS
Band71	20MHz	64QAM	133372	100RB#0	NV	50	-0.40	-0.000581	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-30	-0.50	-0.000743	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-20	0.20	0.000297	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	0	3.00	0.004458	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	10	-0.10	-0.000149	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	20	0.90	0.001337	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	30	-1.10	-0.001634	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	40	0.90	0.001337	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	50	0.20	0.000297	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-30	-0.30	-0.000439	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-20	1.20	0.001757	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	0	-1.20	-0.001757	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	10	0.50	0.000732	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	20	0.90	0.001318	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	30	1.70	0.002489	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	40	2.10	0.003075	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	50	2.10	0.003075	±2.5	PASS

The End

通标标准技术服务有限公司深圳分公司
检验检测专用章
Inspection & Testing Services
SGS-CSTC Standards Technical Services Co.,Ltd.
Shenzhen Branch Testing Center-EEC Laboratory.

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