Appendix B

E-UTRA Band 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 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 4

1.1 TEST RESULT 4

2 PEAK-TO-AVERAGE RATIO (CCDF) 8

2.1 TEST RESULT 8

2.2 TEST PLOTS 8

3 MODULATION CHARACTERISTICS 13

3.1 TEST MODE = LTE /TM1 10MHz 13

3.1.1 TEST CHANNEL = MCH 13

3.2 TEST MODE = LTE /TM2 10MHz 14

3.2.1 TEST CHANNEL = MCH 14

3.3 TEST MODE = LTE /TM3 10MHz 15

3.3.1 TEST CHANNEL = MCH 15

4 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 16

4.1 TEST RESULT 16

4.2 TEST PLOTS 17

5 BAND EDGE COMPLIANCE 26

5.1 TEST PLOTS 26

6 SPURIOUS EMISSION AT ANTENNA TERMINAL 39

6.1 TEST PLOTS 39

7 FIELD STRENGTH OF SPURIOUS RADIATION 49

7.1 Test Band = LTE_17 _TM1 49

7.1.1 Test Channel = Low Channel 49

7.2 Test Band = LTE_17 _TM1 50

7.2.1 Test Channel = Low Channel 50

7.3 Test Band = LTE_17 _TM1 51

7.3.1 Test Channel = Middle Channel 51

7.4 Test Band = LTE_17 _TM1 52

7.4.1 Test Channel = Middle Channel 52

7.5 Test Band = LTE_17 _TM1 53

7.5.1 Test Channel = High Channel 53

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

7.6 Test Band = LTE_17 _TM1 54
7.6.1 Test Channel = High Channel 54

8 FREQUENCY STABILITY.....55

8.1 FREQUENCY VS VOLTAGE 55
8.2 FREQUENCY VS TEMPERATURE 56

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

Member of the SGS Group (SGS SA)

1 Effective (Isotropic) Radiated Power

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.94	18.88	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.84	18.78	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.82	18.76	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.10	18.04	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.06	18.00	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.13	18.07	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.05	17.99	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.88	18.82	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.93	18.87	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.94	18.88	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.85	17.79	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.09	18.03	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.13	18.07	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.98	17.92	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.07	19.01	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.78	18.72	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.90	18.84	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.17	18.11	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.02	17.96	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.96	17.90	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.97	17.91	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.19	18.13	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.16	18.10	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.47	17.41	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	20.93	16.87	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	20.91	16.85	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	20.92	16.86	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.09	17.03	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	21.99	17.93	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	21.76	17.70	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.71	17.65	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	20.86	16.80	34.77	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)

Band17	5MHz	16QAM	23790	12RB#6	21.15	17.09	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.07	17.01	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.10	17.04	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.87	17.81	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.71	17.65	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.84	17.78	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.10	17.04	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	20.86	16.80	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	20.84	16.78	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.94	16.88	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	20.94	16.88	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	20.81	16.75	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	20.72	16.66	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#0	20.07	16.01	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#6	20.00	15.94	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#13	20.12	16.06	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.01	15.95	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	20.87	16.81	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	20.93	16.87	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	20.84	16.78	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#0	19.79	15.73	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#6	20.00	15.94	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#13	20.06	16.00	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	19.93	15.87	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.00	16.94	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	20.74	16.68	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	20.88	16.82	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#0	20.07	16.01	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#6	19.95	15.89	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#13	19.96	15.90	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	19.94	15.88	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.11	19.05	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.23	19.17	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.40	19.34	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.13	18.07	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.26	18.20	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.38	18.32	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.32	18.26	34.77	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

Band17	10MHz	QPSK	23790	1RB#0	22.81	18.75	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.14	19.08	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.20	19.14	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.17	18.11	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.20	18.14	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.31	18.25	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.27	18.21	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.85	18.79	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.20	19.14	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.00	18.94	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.15	18.09	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.26	18.20	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.12	18.06	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.14	18.08	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	21.59	17.53	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.31	18.25	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.05	17.99	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.42	17.36	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.36	17.30	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.45	17.39	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.35	17.29	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	21.85	17.79	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.17	18.11	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.89	17.83	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.16	17.10	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.16	17.10	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.14	17.08	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.17	17.11	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.59	17.53	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.25	18.19	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.79	17.73	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.23	17.17	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.26	17.20	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.22	17.16	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.26	17.20	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.02	16.96	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.16	17.10	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.32	17.26	34.77	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

Band17	10MHz	64QAM	23780	25RB#0	20.09	16.03	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#12	20.17	16.11	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#25	20.29	16.23	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.22	16.16	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	20.73	16.67	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.13	17.07	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.12	17.06	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#0	20.17	16.11	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#12	20.13	16.07	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#25	20.28	16.22	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.22	16.16	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	20.80	16.74	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.12	17.06	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	20.91	16.85	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#0	20.08	16.02	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#12	20.26	16.20	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#25	20.10	16.04	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.07	16.01	34.77	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]

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

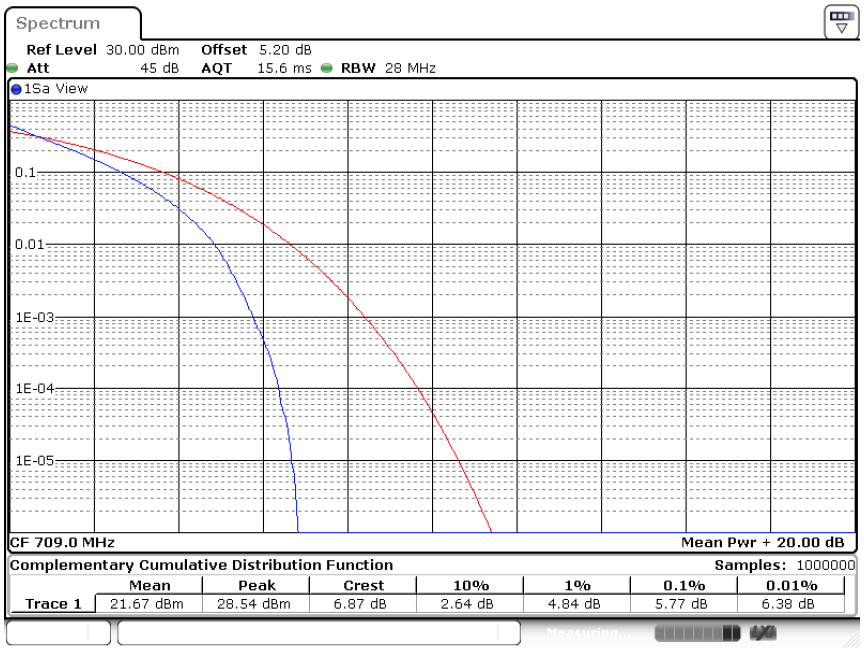
2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	5.77	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.74	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.71	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.58	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.58	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.52	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	7.25	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	7.25	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	7.19	13	PASS

2.2 Test Plots

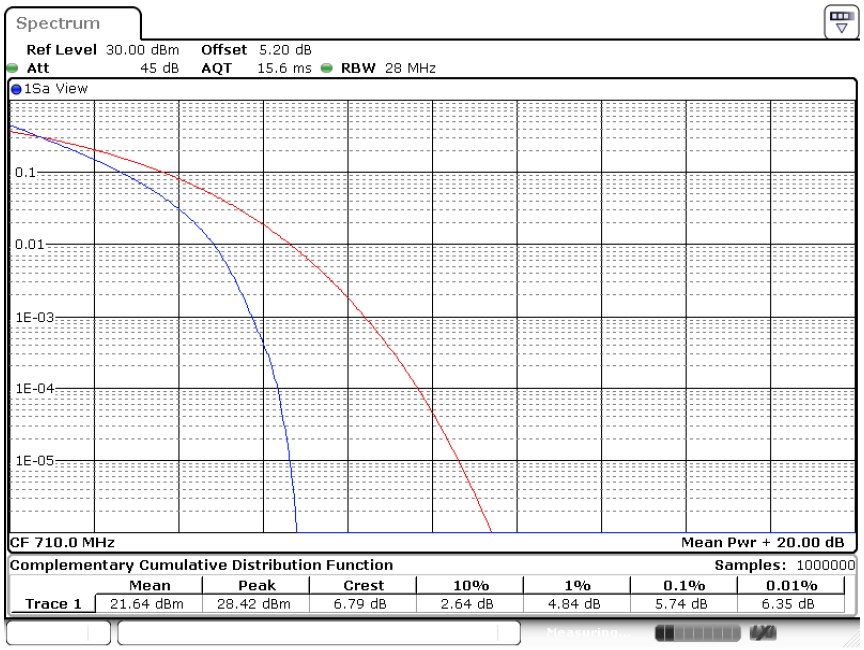
Band17-10MHz-QPSK-23780-50RB#0



Date: 23.OCT.2020 00:01:53

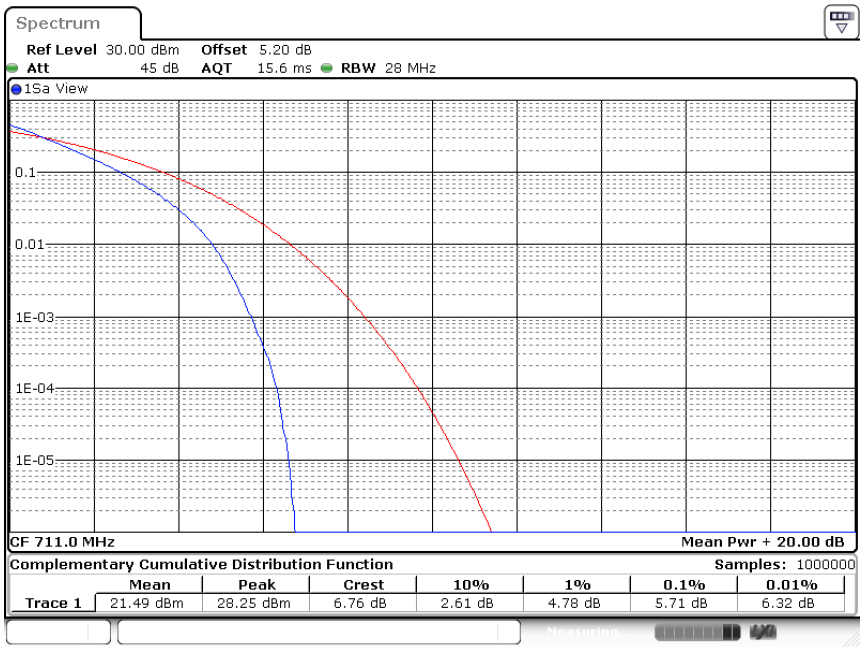
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-QPSK-23790-50RB#0



Date: 23.OCT.2020 00:02:22

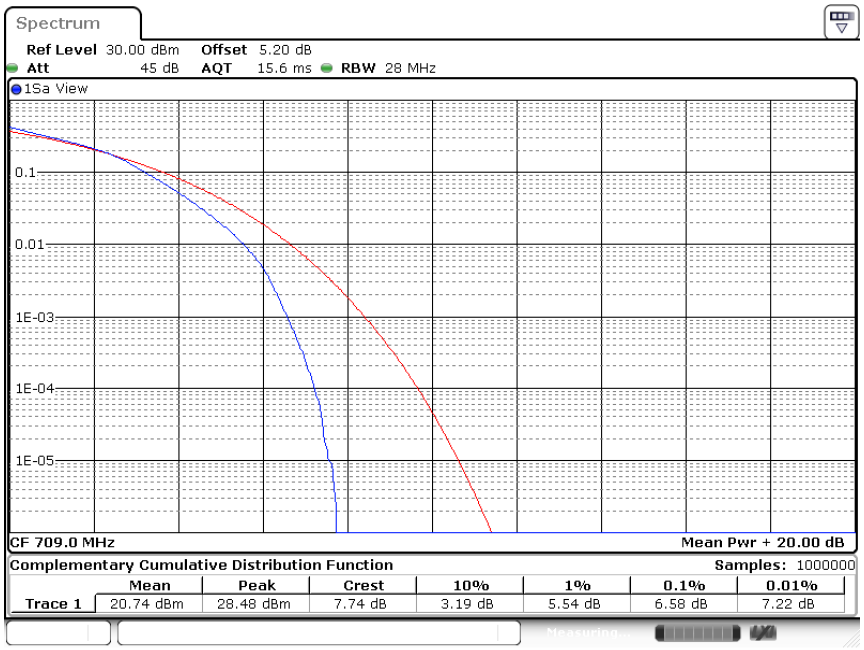
Band17-10MHz-QPSK-23800-50RB#0



Date: 23.OCT.2020 00:02:51

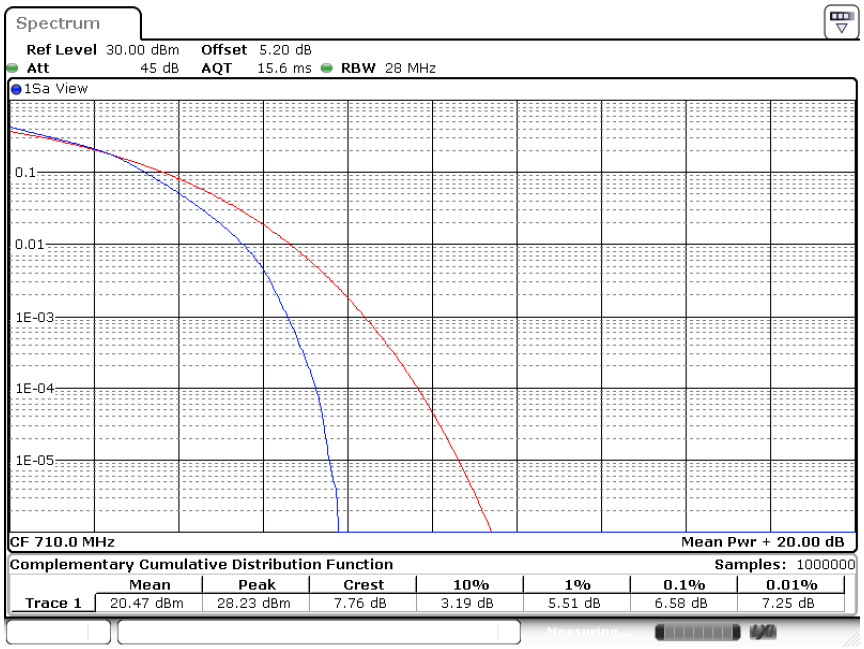
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-16QAM-23780-50RB#0



Date: 23.OCT.2020 00:02:07

Band17-10MHz-16QAM-23790-50RB#0



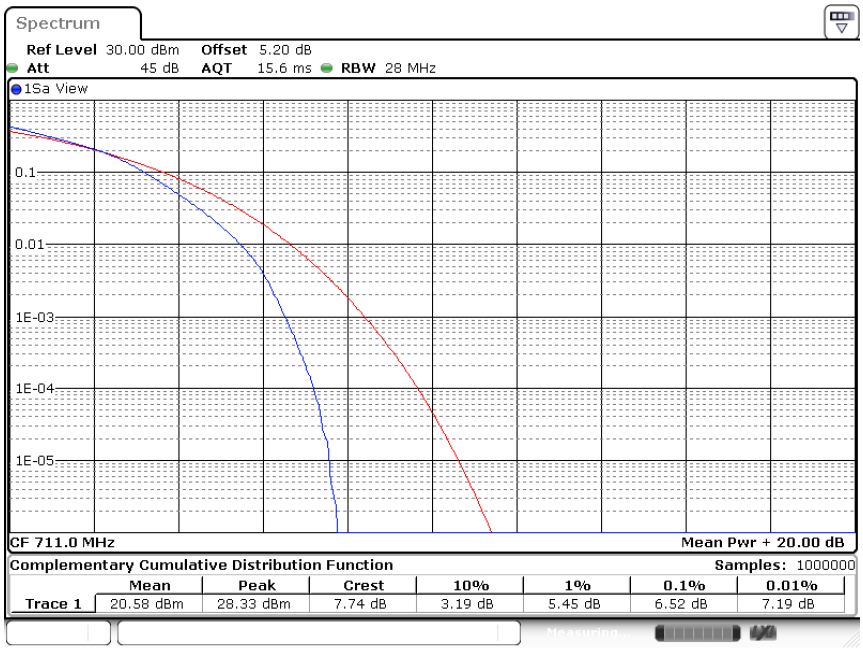
Date: 23.OCT.2020 00:02:36

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

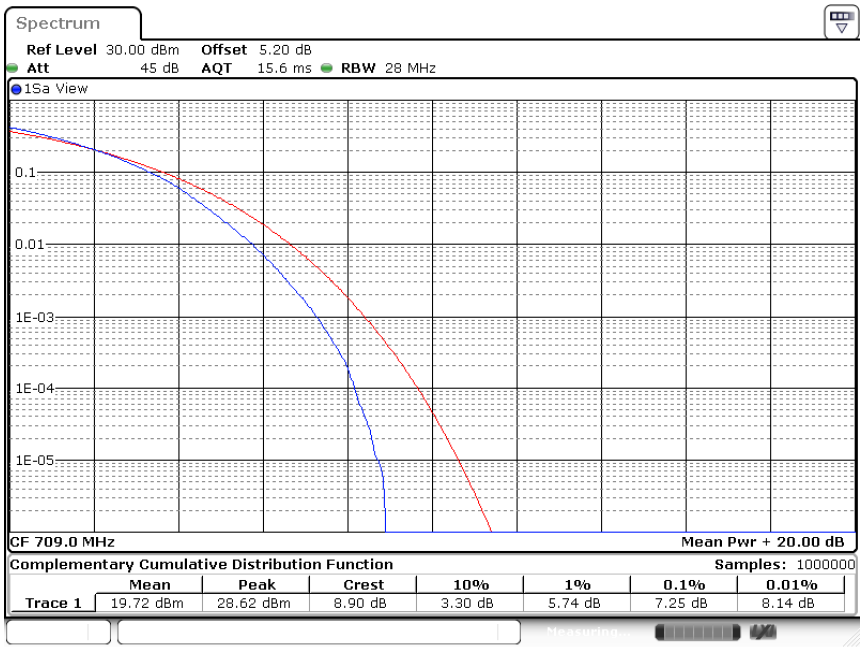
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band17-10MHz-16QAM-23800-50RB#0



Date: 23.OCT.2020 00:03:05

Band17-10MHz-64QAM-23780-50RB#0



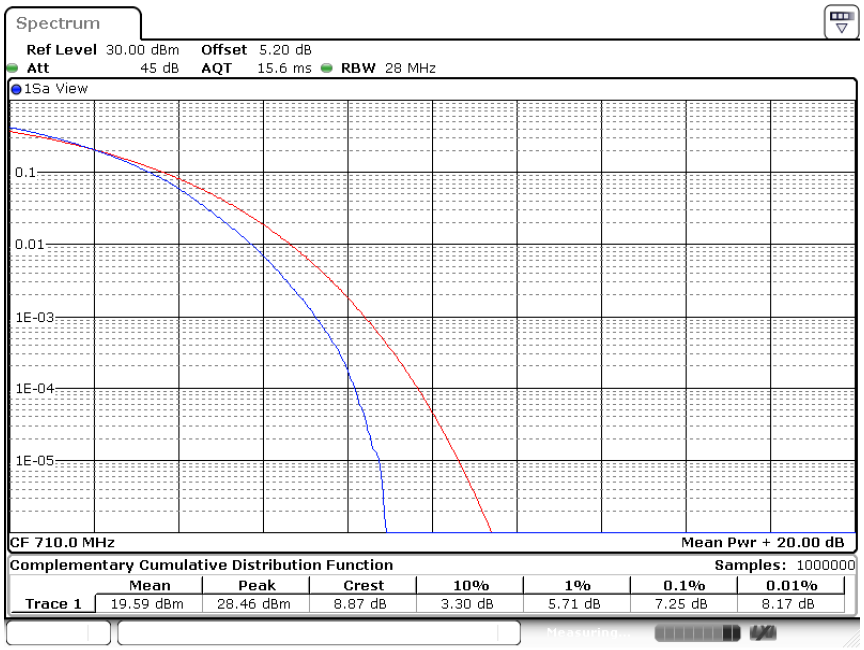
Date: 23.OCT.2020 01:14:35

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

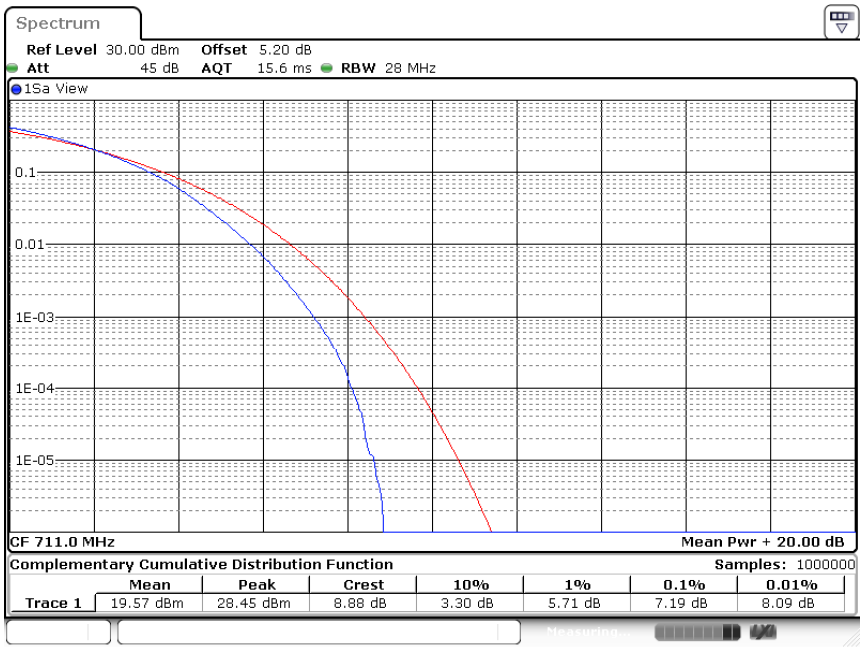
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band17-10MHz-64QAM-23790-50RB#0



Date: 23.OCT.2020 01:14:50

Band17-10MHz-64QAM-23800-50RB#0



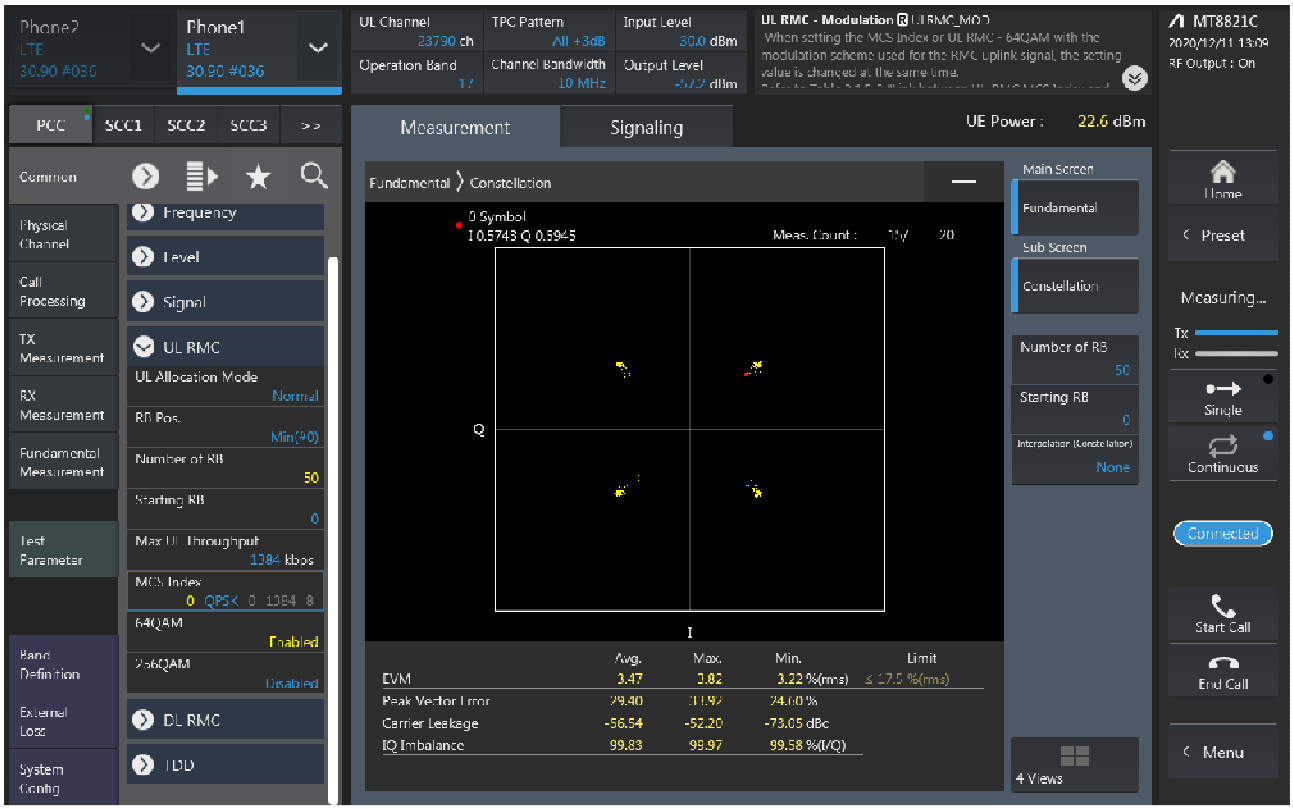
Date: 23.OCT.2020 01:15:07

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

3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

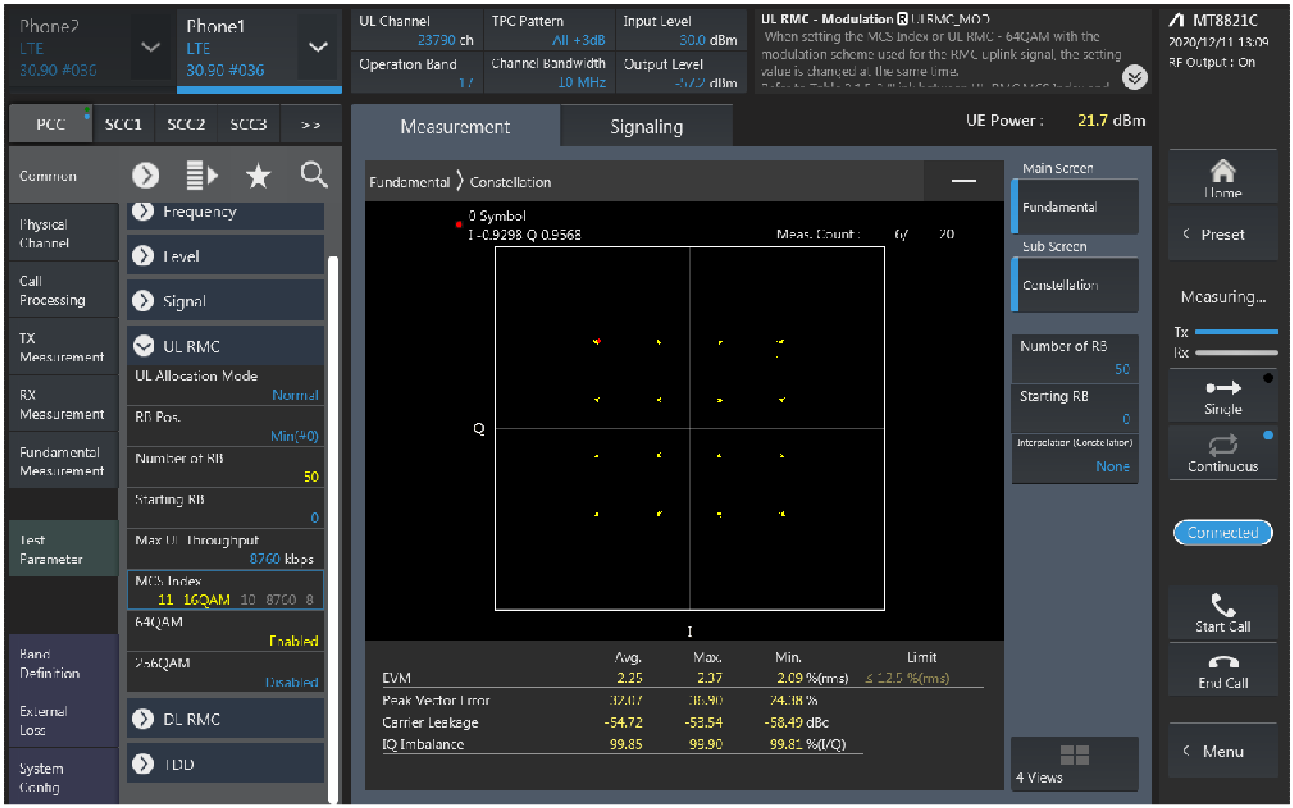
3.1.1 Test Channel = MCH



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
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)

3.2 Test Mode = LTE /TM2 10MHz

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

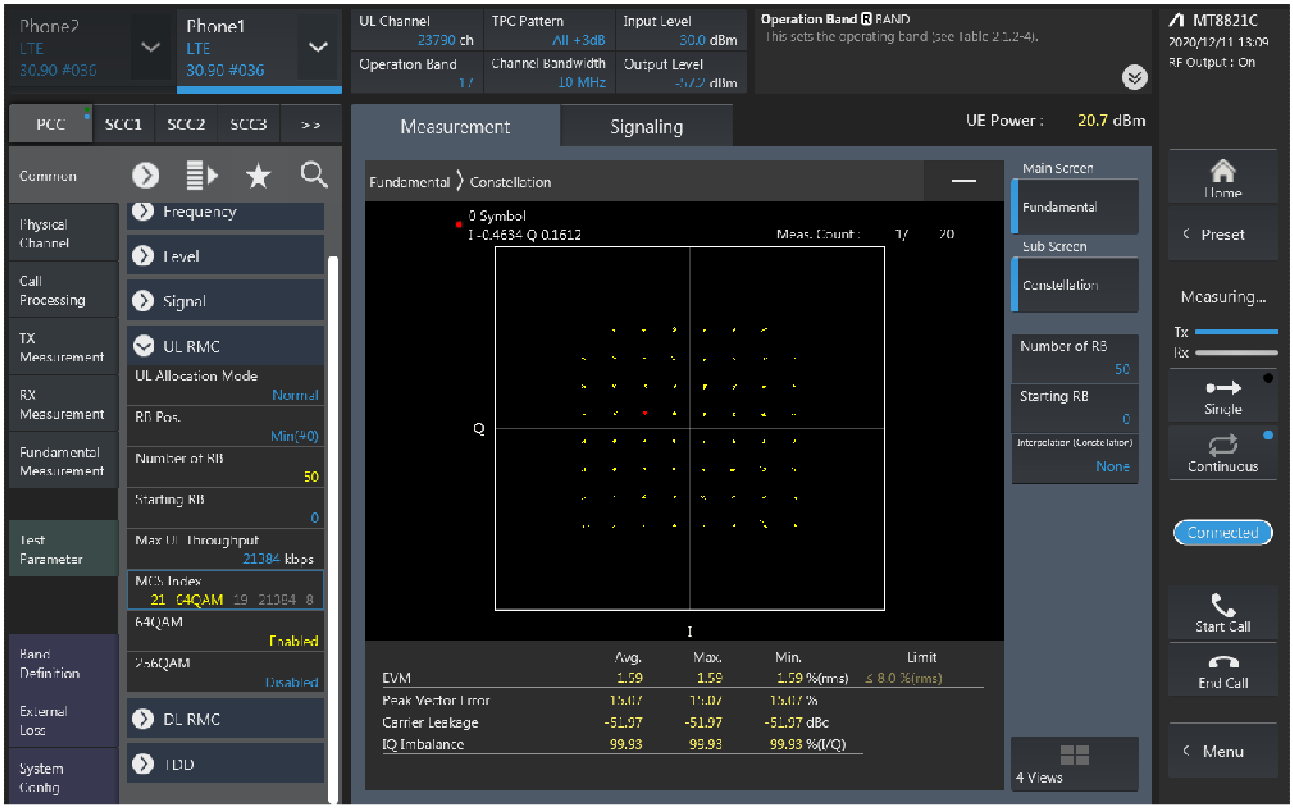
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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 10MHz

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

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)

4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.476	4.930	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.476	4.960	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.476	4.920	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.496	4.940	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.496	4.980	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.486	4.940	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.476	4.970	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.486	4.960	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.476	4.920	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.918	9.800	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.918	9.767	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.918	9.800	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.918	9.800	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.918	9.833	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.918	9.833	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.952	9.767	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.952	9.767	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.918	9.733	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

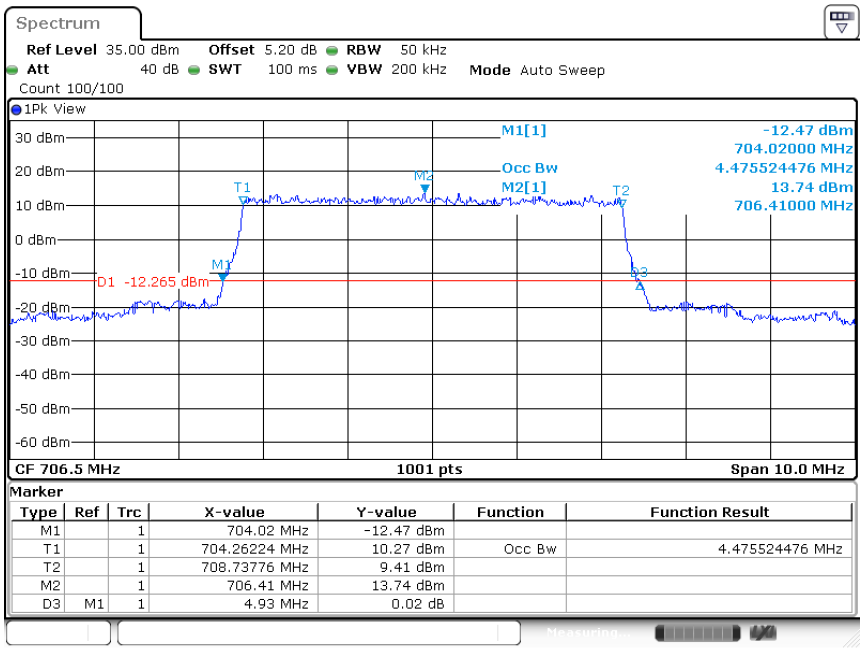
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Laboratory

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)

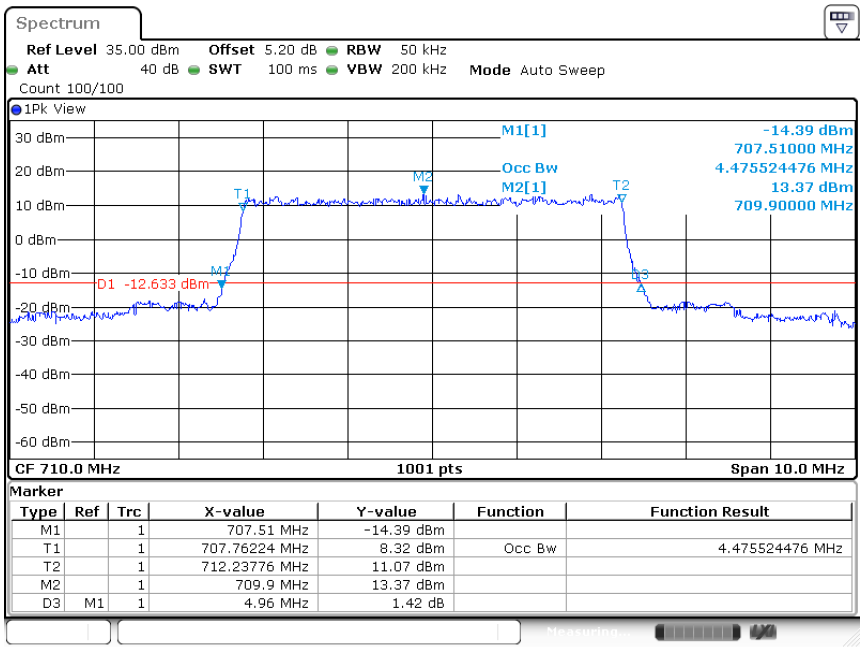
4.2 Test Plots

Band17-5MHz-QPSK-23755-25RB#0-4.476



Date: 22.OCT.2020 23:48:45

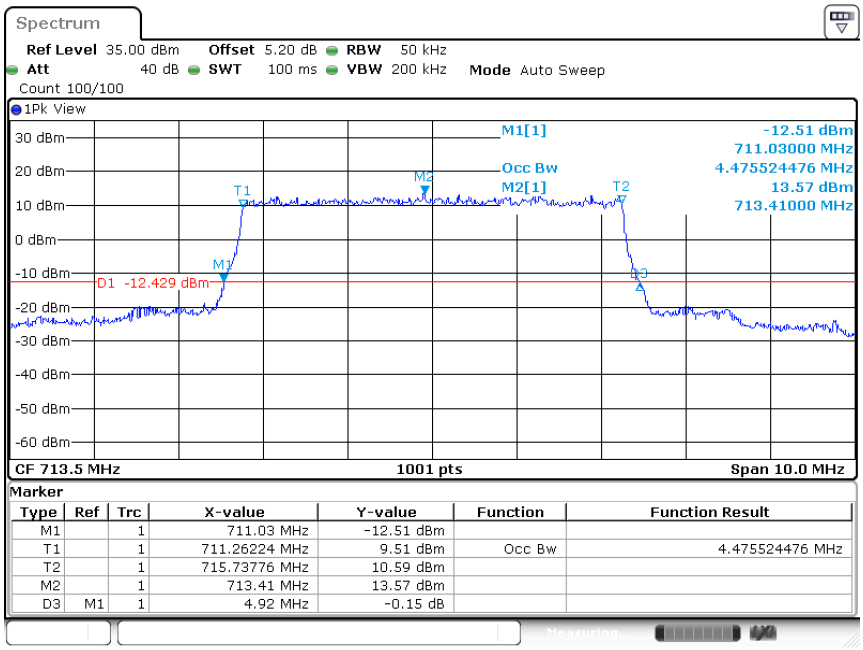
Band17-5MHz-QPSK-23790-25RB#0-4.476



Date: 22.OCT.2020 23:49:31

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

Band17-5MHz-QPSK-23825-25RB#0-4.476

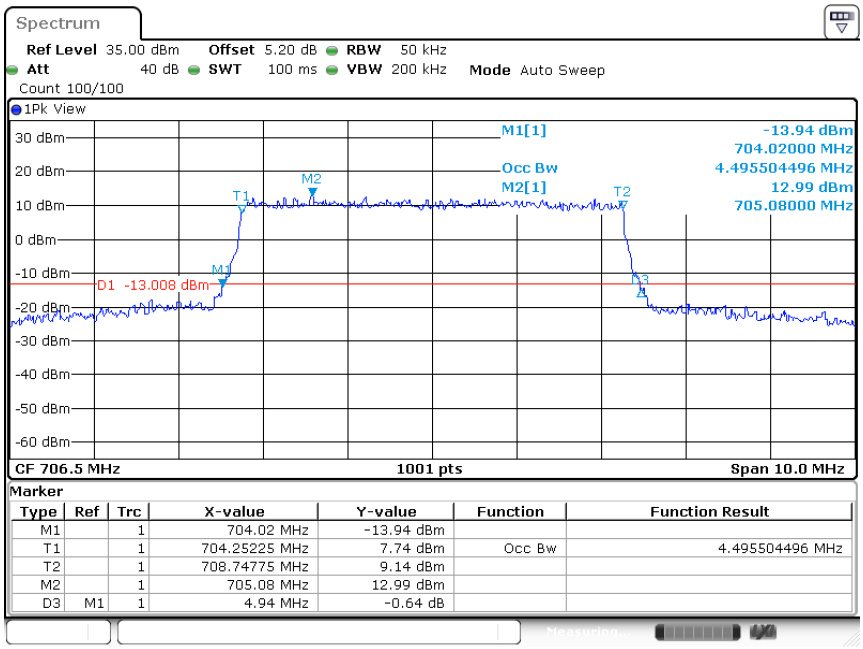


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	711.03 MHz	-12.51 dBm		
T1		1	711.26224 MHz	9.51 dBm	Occ Bw	4.475524476 MHz
T2		1	715.73776 MHz	10.59 dBm		
M2		1	713.41 MHz	13.57 dBm		
D3	M1	1	4.92 MHz	-0.15 dB		

Date: 22.OCT.2020 23:50:17

Band17-5MHz-16QAM-23755-25RB#0-4.496



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	704.02 MHz	-13.94 dBm		
T1		1	704.25225 MHz	7.74 dBm	Occ Bw	4.495504496 MHz
T2		1	708.74775 MHz	9.14 dBm		
M2		1	705.08 MHz	12.99 dBm		
D3	M1	1	4.94 MHz	-0.64 dB		

Date: 22.OCT.2020 23:49:08

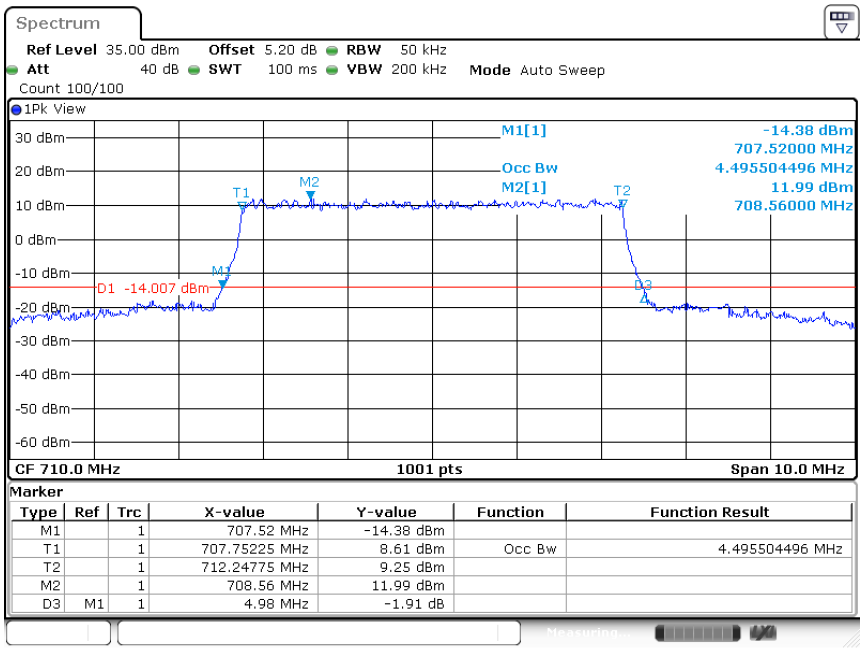
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

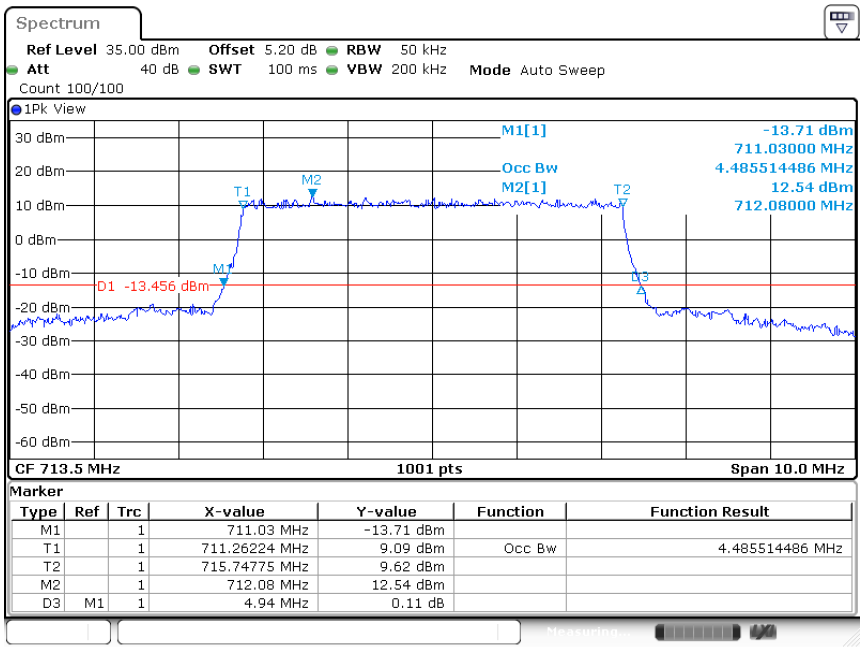
Member of the SGS Group (SGS SA)

Band17-5MHz-16QAM-23790-25RB#0-4.496



Date: 22.OCT.2020 23:49:54

Band17-5MHz-16QAM-23825-25RB#0-4.486



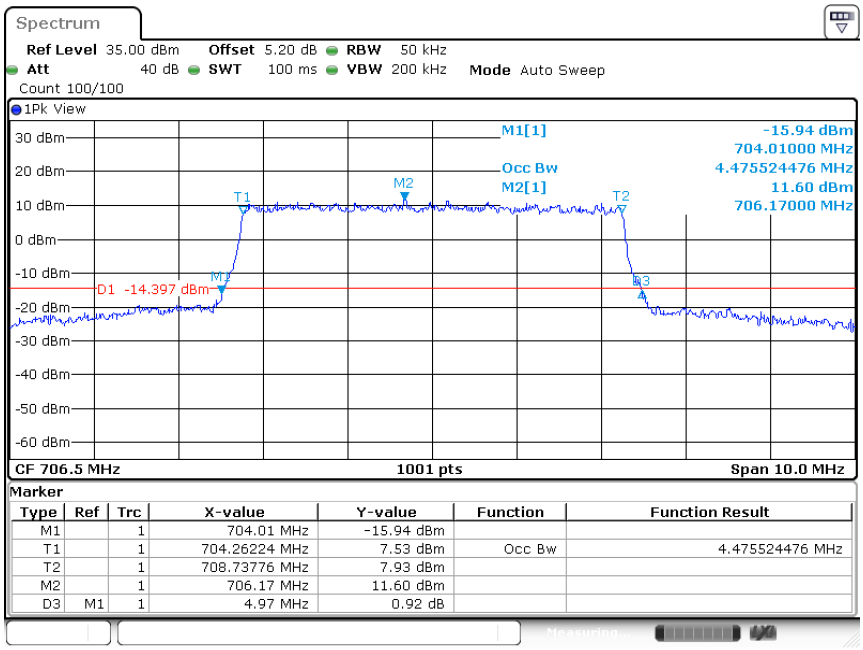
Date: 22.OCT.2020 23:50:40

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

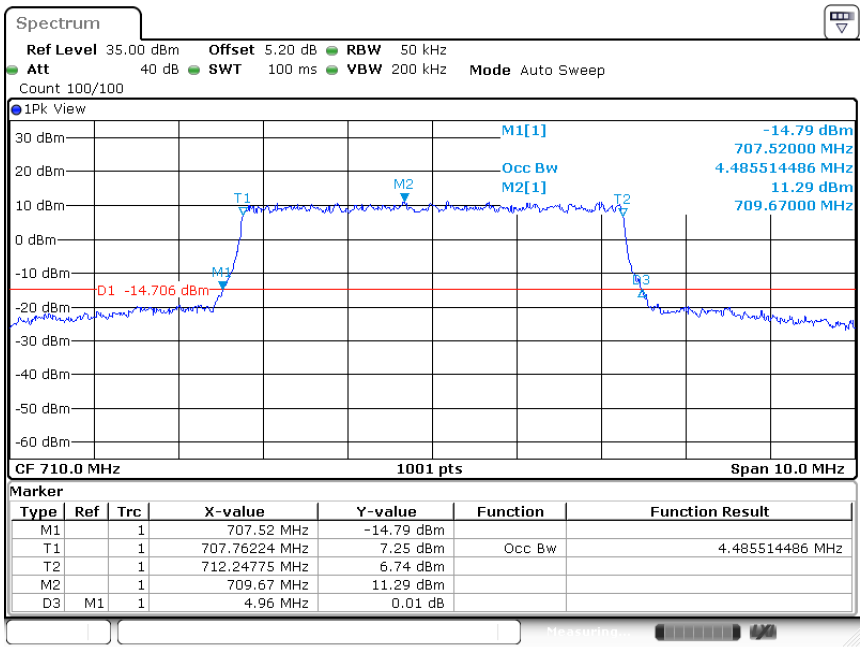
Member of the SGS Group (SGS SA)

Band17-5MHz-64QAM-23755-25RB#0-4.476



Date: 23.OCT.2020 01:07:54

Band17-5MHz-64QAM-23790-25RB#0-4.486

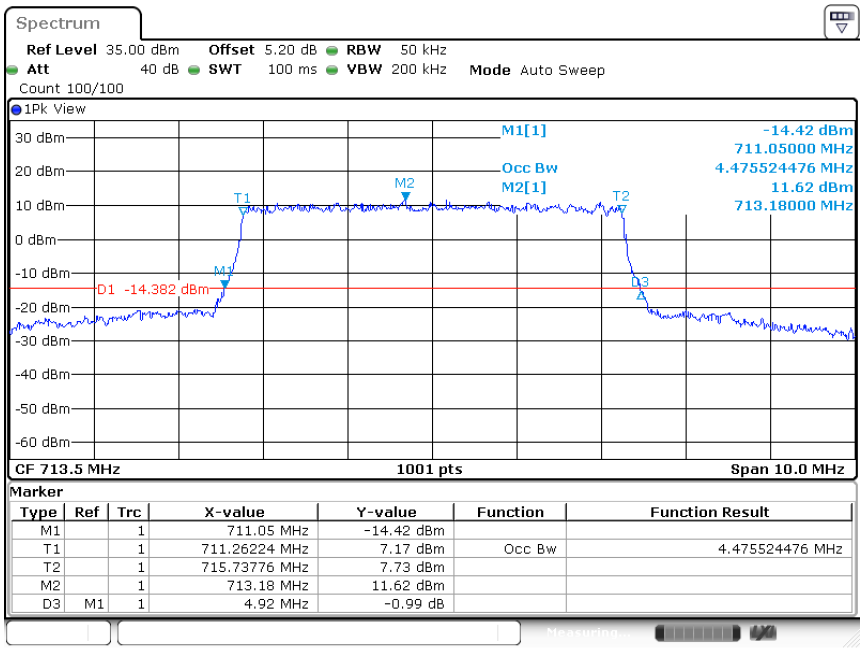


Date: 23.OCT.2020 01:08:17

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 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

Band17-5MHz-64QAM-23825-25RB#0-4.476

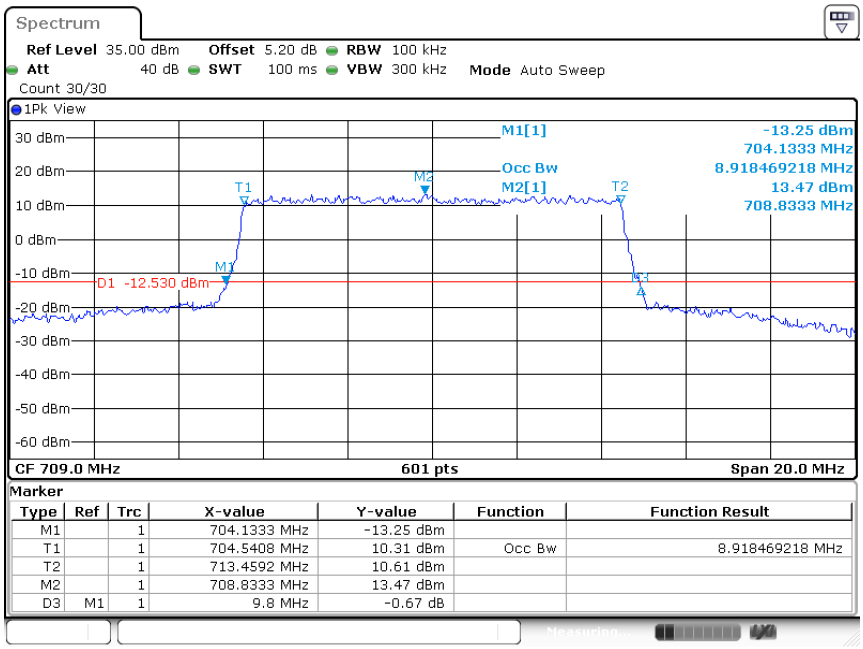


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	711.05 MHz	-14.42 dBm		
T1		1	711.26224 MHz	7.17 dBm	Occ Bw	4.475524476 MHz
T2		1	715.73776 MHz	7.73 dBm		
M2		1	713.18 MHz	11.62 dBm		
D3	M1	1	4.92 MHz	-0.99 dB		

Date: 23.OCT.2020 01:08:40

Band17-10MHz-QPSK-23780-50RB#0-8.918



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	704.1333 MHz	-13.25 dBm		
T1		1	704.5408 MHz	10.31 dBm	Occ Bw	8.918469218 MHz
T2		1	713.4592 MHz	10.61 dBm		
M2		1	708.8333 MHz	13.47 dBm		
D3	M1	1	9.8 MHz	-0.67 dB		

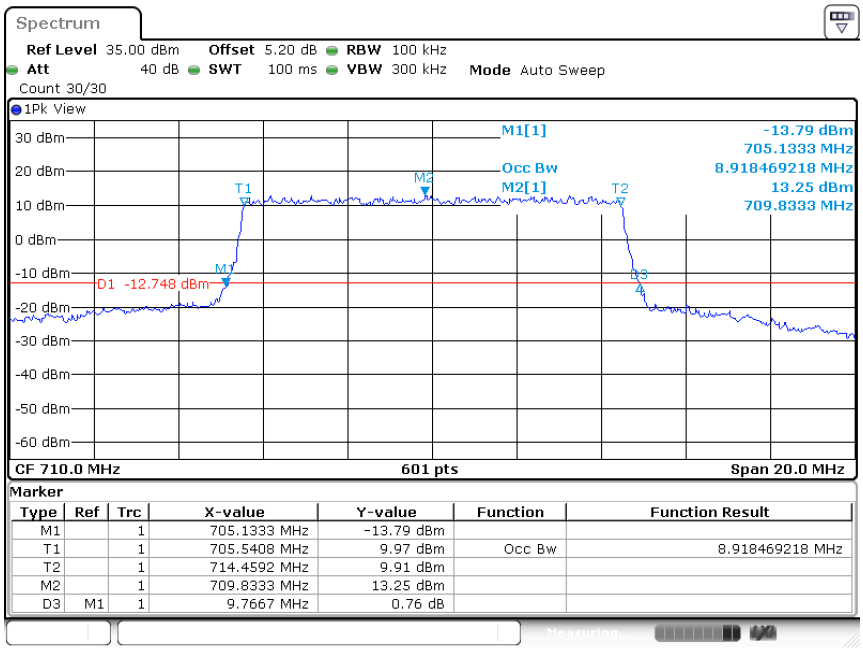
Date: 22.OCT.2020 23:51:02

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

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

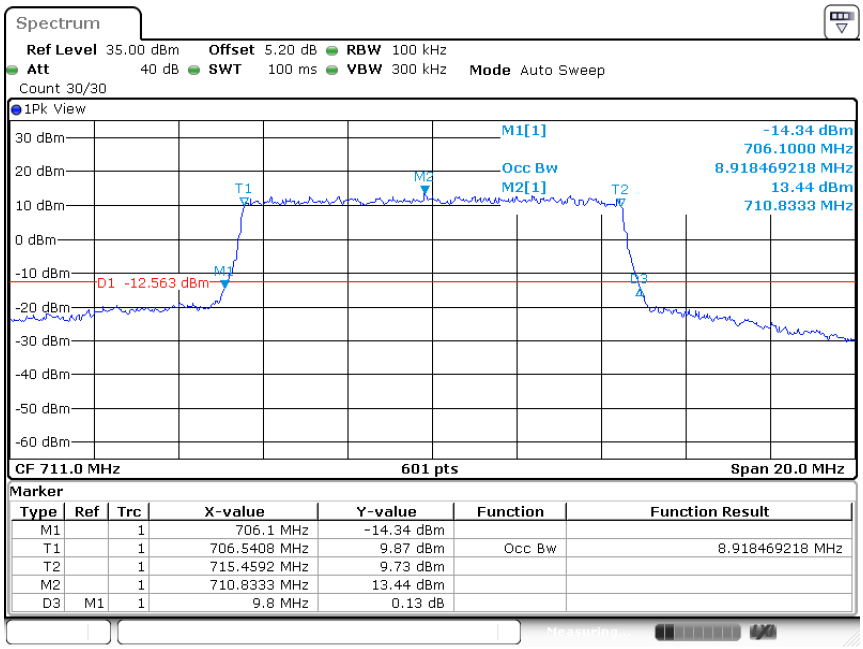
Member of the SGS Group (SGS SA)

Band17-10MHz-QPSK-23790-50RB#0-8.918



Date: 22.OCT.2020 23:51:34

Band17-10MHz-QPSK-23800-50RB#0-8.918

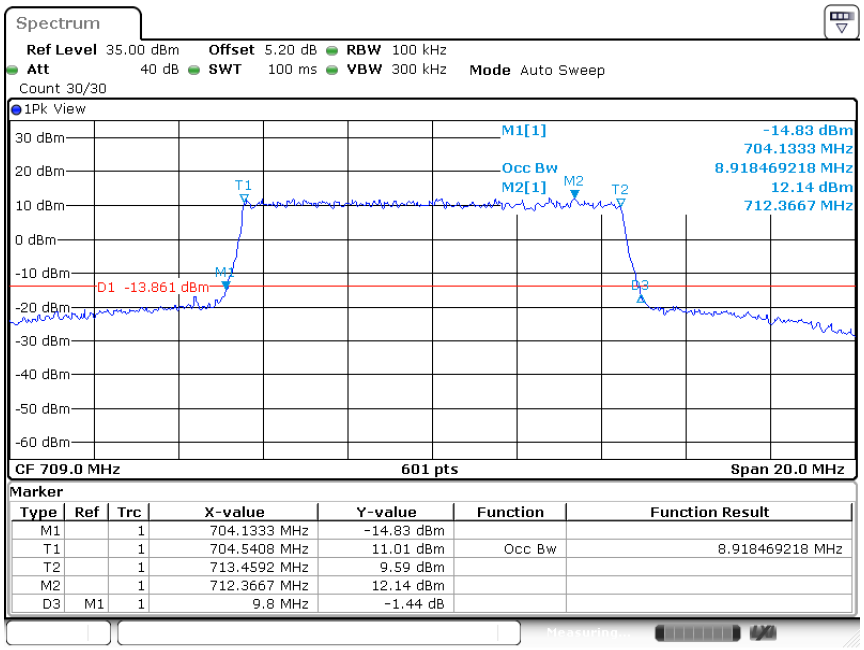


Date: 22.OCT.2020 23:52:06

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

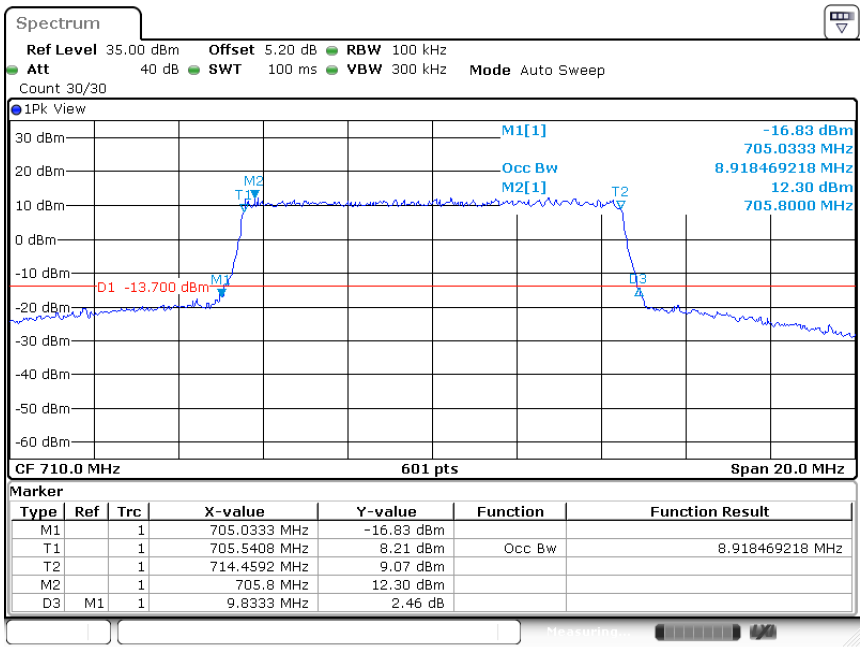
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band17-10MHz-16QAM-23780-50RB#0-8.918



Date: 22.OCT.2020 23:51:18

Band17-10MHz-16QAM-23790-50RB#0-8.918

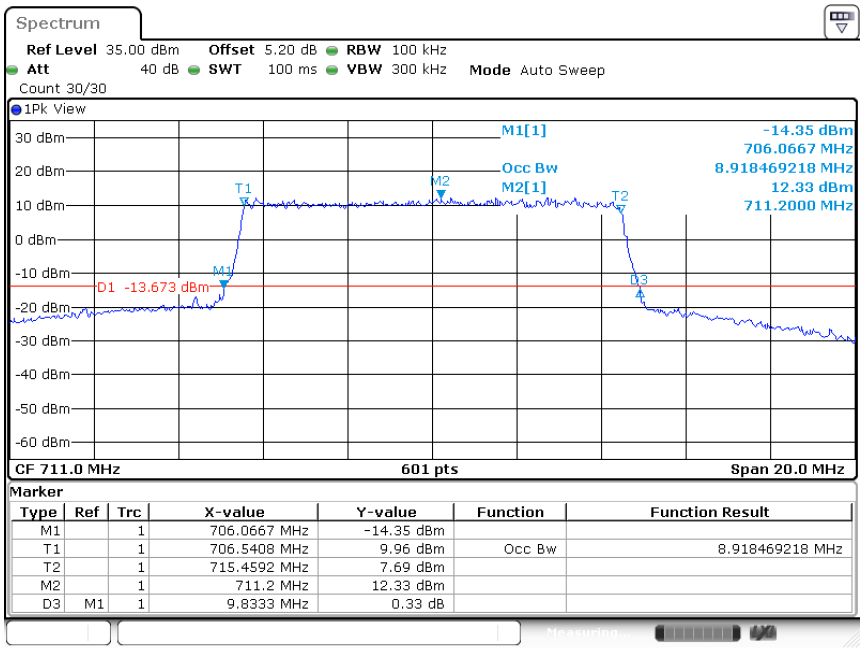


Date: 22.OCT.2020 23:51:50

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

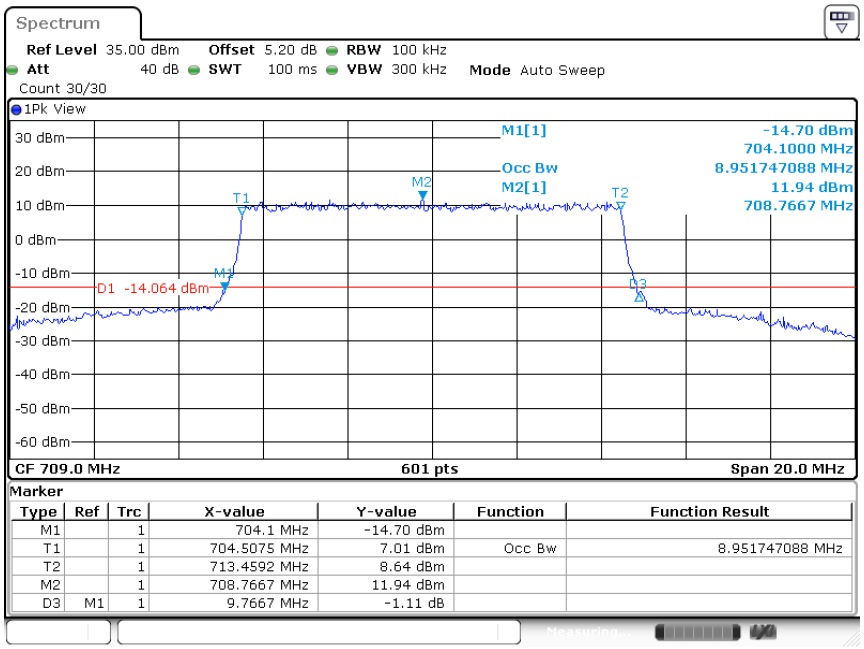
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band17-10MHz-16QAM-23800-50RB#0-8.918



Date: 22.OCT.2020 23:52:22

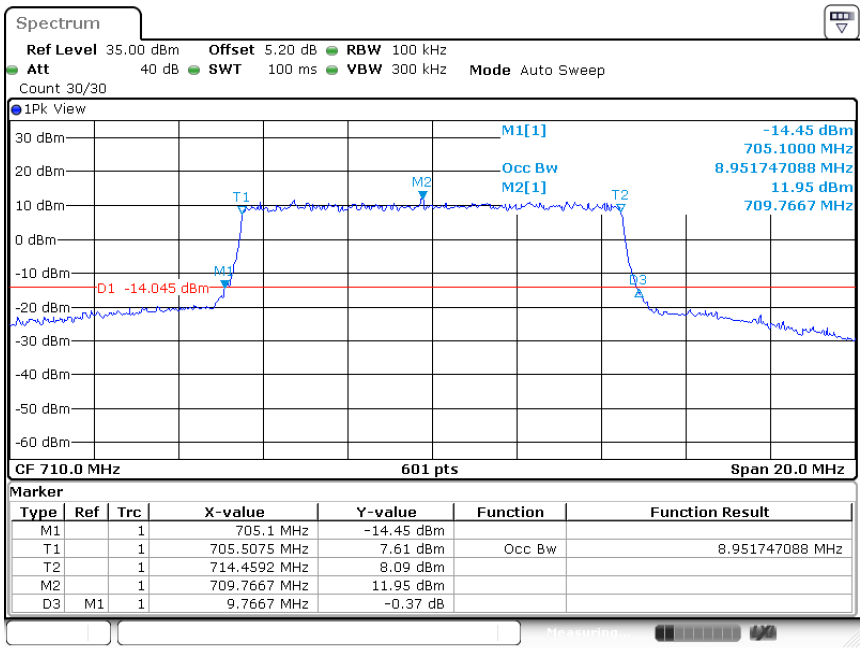
Band17-10MHz-64QAM-23780-50RB#0-8.952



Date: 23.OCT.2020 01:09:03

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

Band17-10MHz-64QAM-23790-50RB#0-8.952

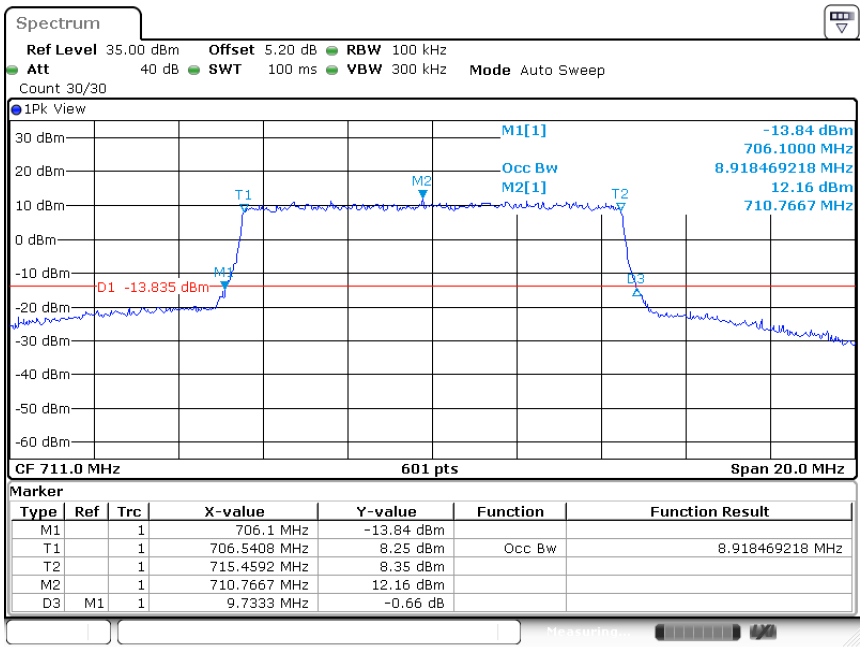


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	705.1 MHz	-14.45 dBm		
T1		1	705.5075 MHz	7.61 dBm	Occ Bw	8.951747088 MHz
T2		1	714.4592 MHz	8.09 dBm		
M2		1	709.7667 MHz	11.95 dBm		
D3	M1	1	9.7667 MHz	-0.37 dB		

Date: 23.OCT.2020 01:09:19

Band17-10MHz-64QAM-23800-50RB#0-8.918



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	706.1 MHz	-13.84 dBm		
T1		1	706.5408 MHz	8.25 dBm	Occ Bw	8.918469218 MHz
T2		1	715.4592 MHz	8.35 dBm		
M2		1	710.7667 MHz	12.16 dBm		
D3	M1	1	9.7333 MHz	-0.66 dB		

Date: 23.OCT.2020 01:09:36

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

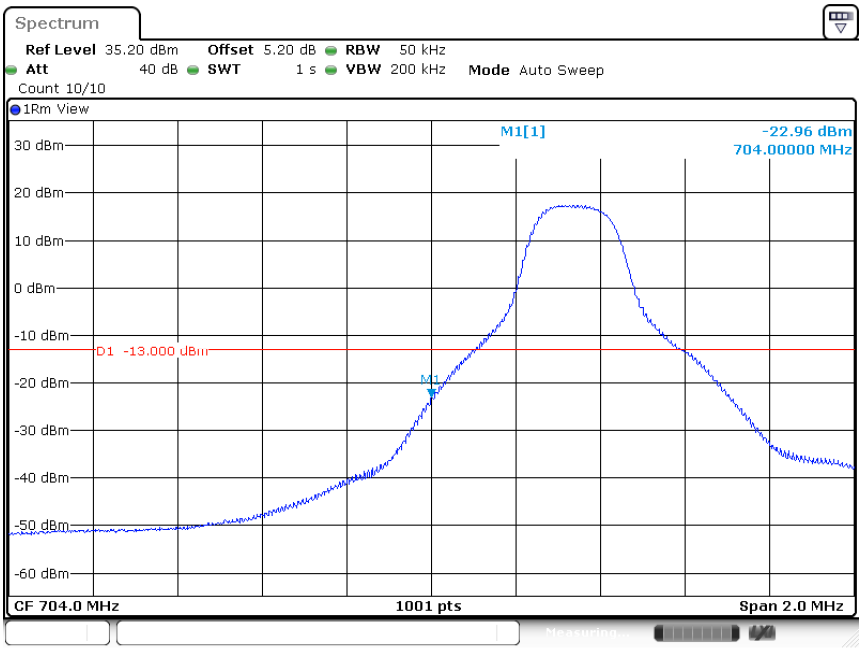
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

5 Band Edge Compliance

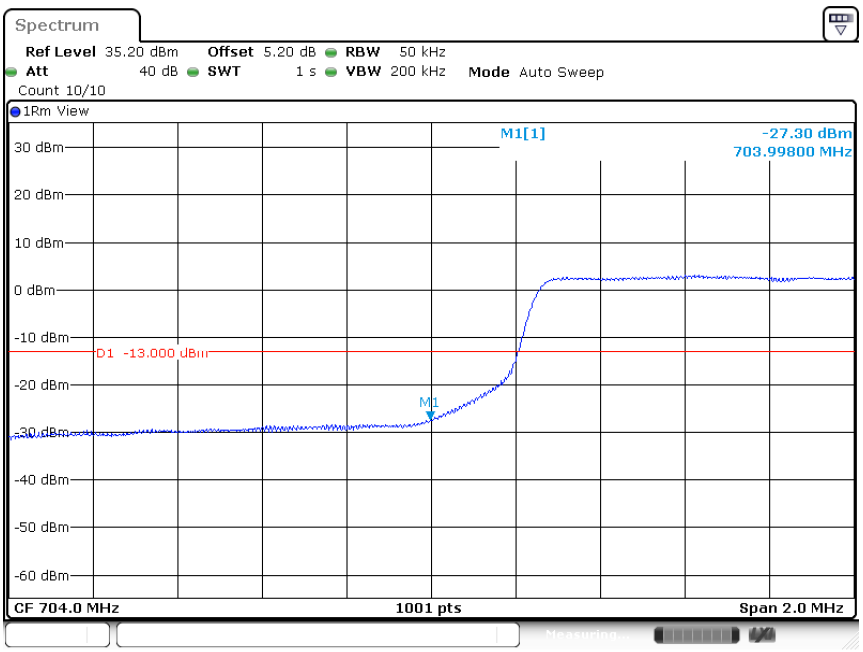
5.1 Test Plots

Band17-5MHz-QPSK-23755-1RB#0



Band17-5MHz-QPSK-23755-25RB#0

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

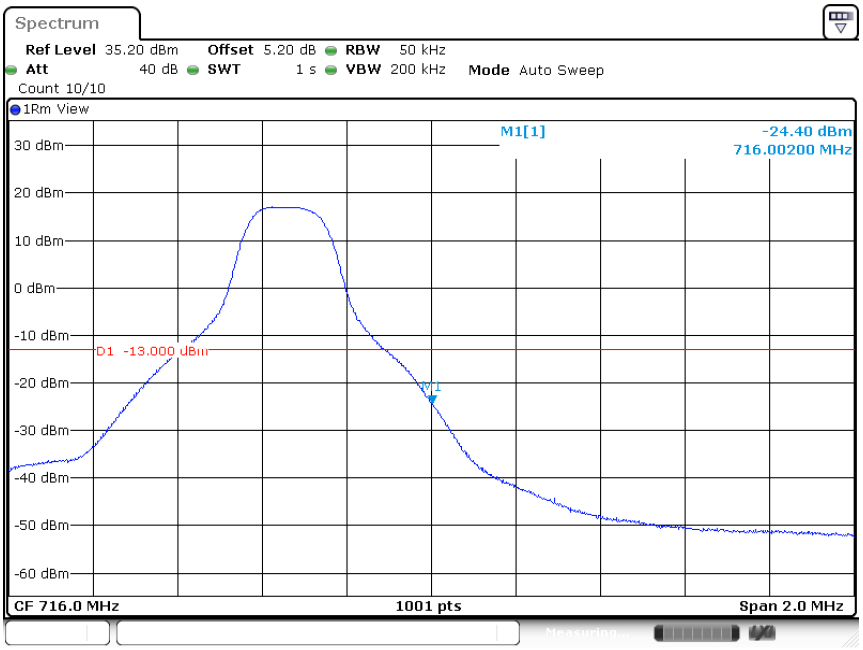


Date: 23.OCT.2020 16:32:02

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

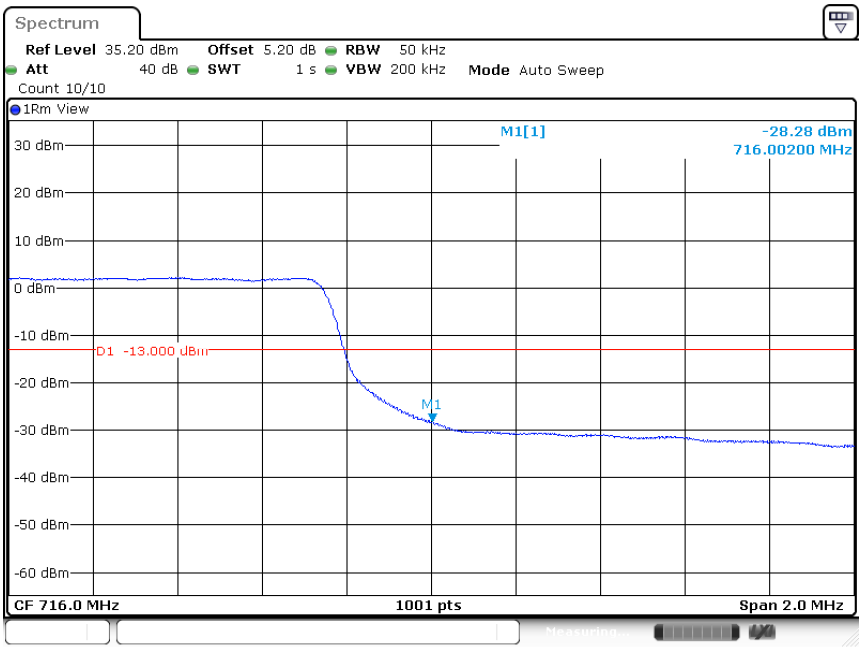
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center-EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band17-5MHz-QPSK-23825-1RB#24



Date: 23.OCT.2020 16:32:48

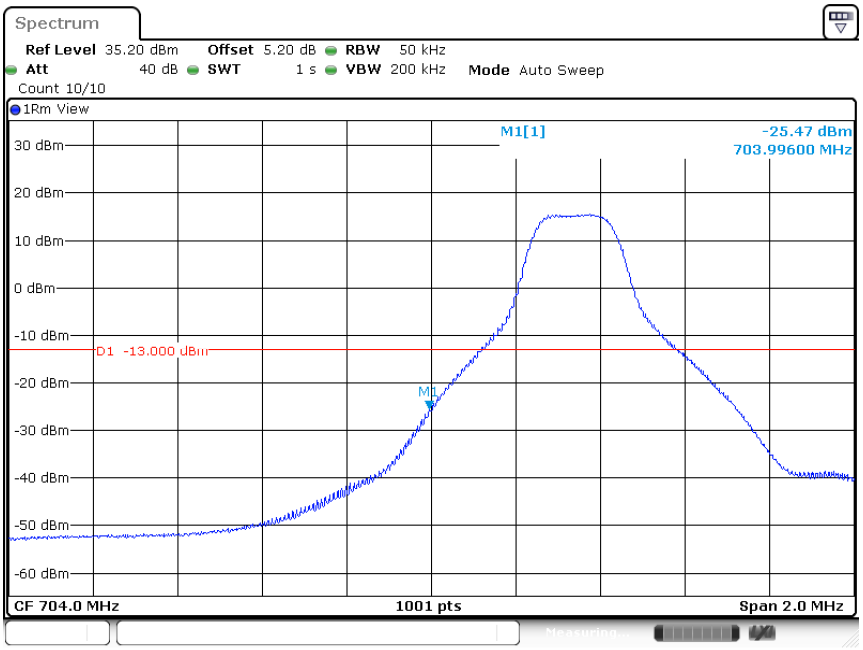
Band17-5MHz-QPSK-23825-25RB#0



Date: 23.OCT.2020 16:33:29

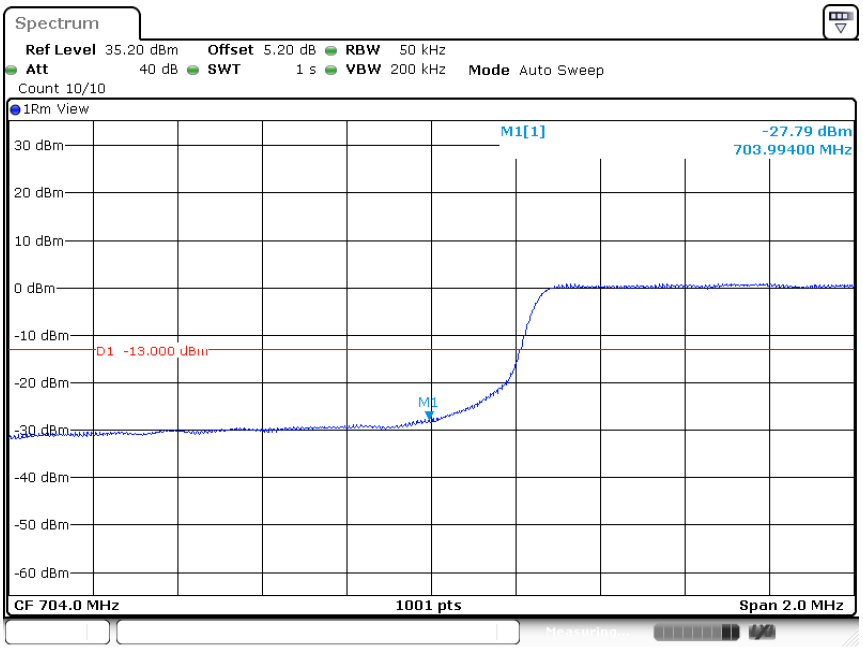
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-5MHz-64QAM-23755-1RB#0



Date: 23.OCT.2020 16:54:09

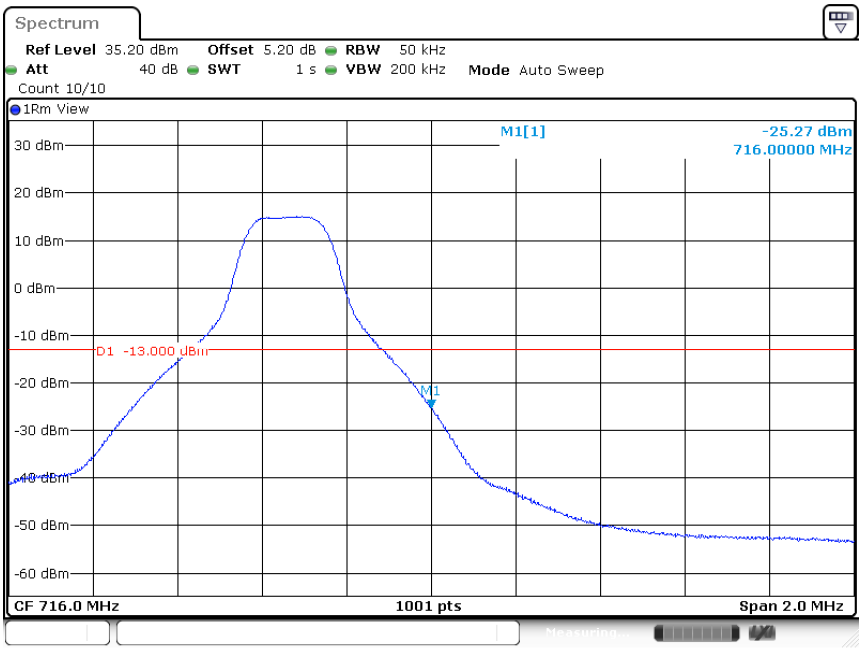
Band17-5MHz-64QAM-23755-25RB#0



Date: 23.OCT.2020 16:54:29

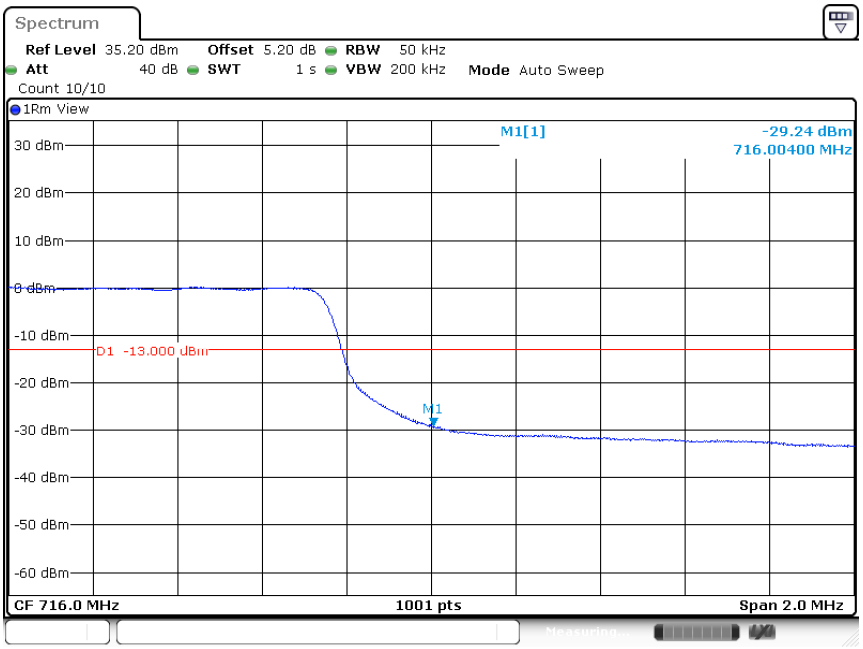
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-5MHz-64QAM-23825-1RB#24



Date: 23.OCT.2020 16:54:55

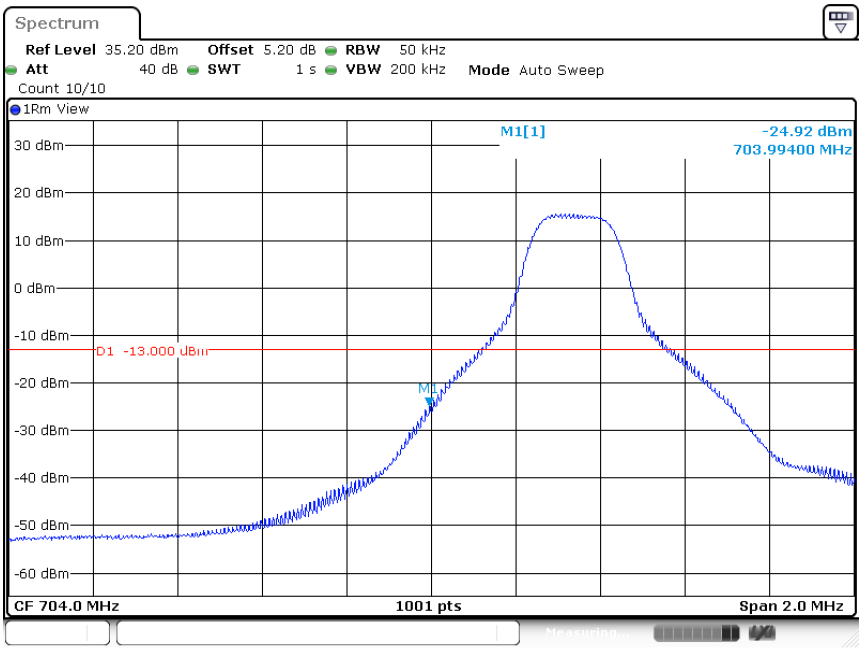
Band17-5MHz-64QAM-23825-25RB#0



Date: 23.OCT.2020 16:55:16

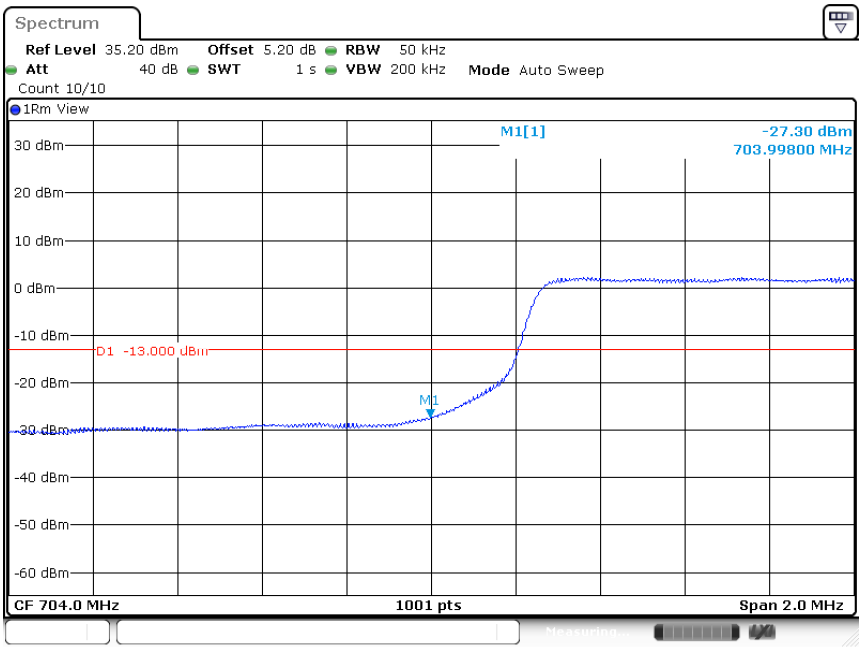
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-5MHz-16QAM-23755-1RB#0



Date: 23.OCT.2020 16:31:41

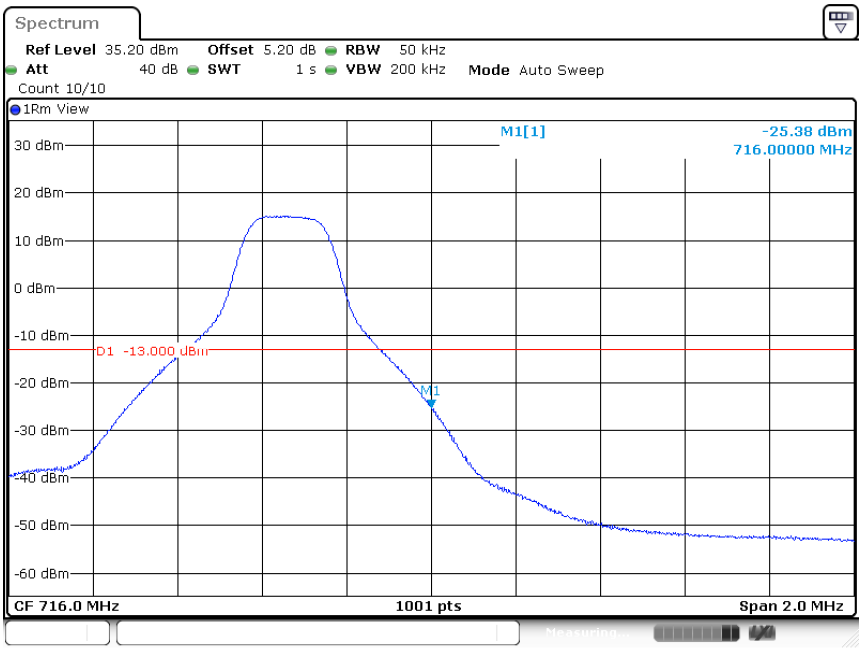
Band17-5MHz-16QAM-23755-25RB#0



Date: 23.OCT.2020 16:32:23

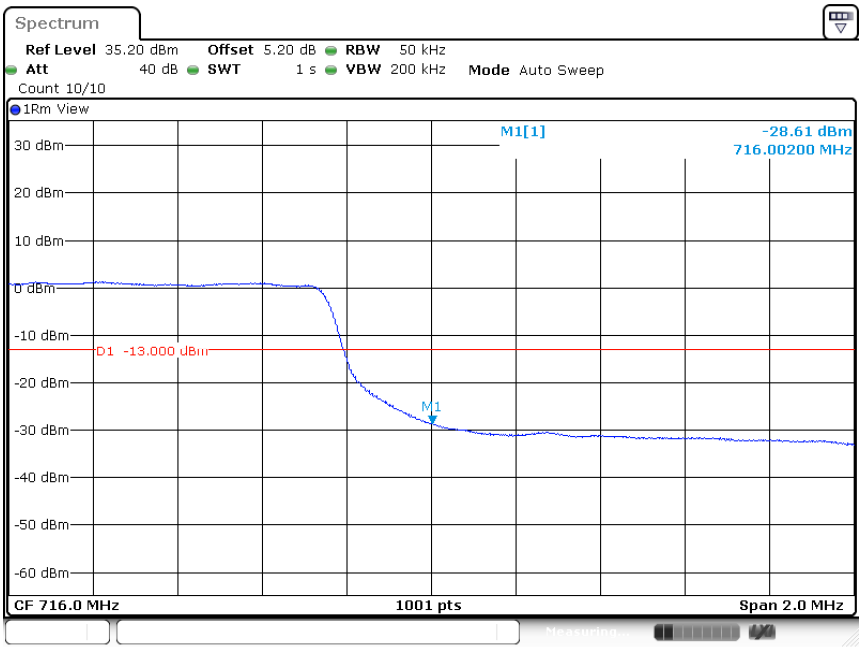
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-5MHz-16QAM-23825-1RB#24



Date: 23.OCT.2020 16:33:09

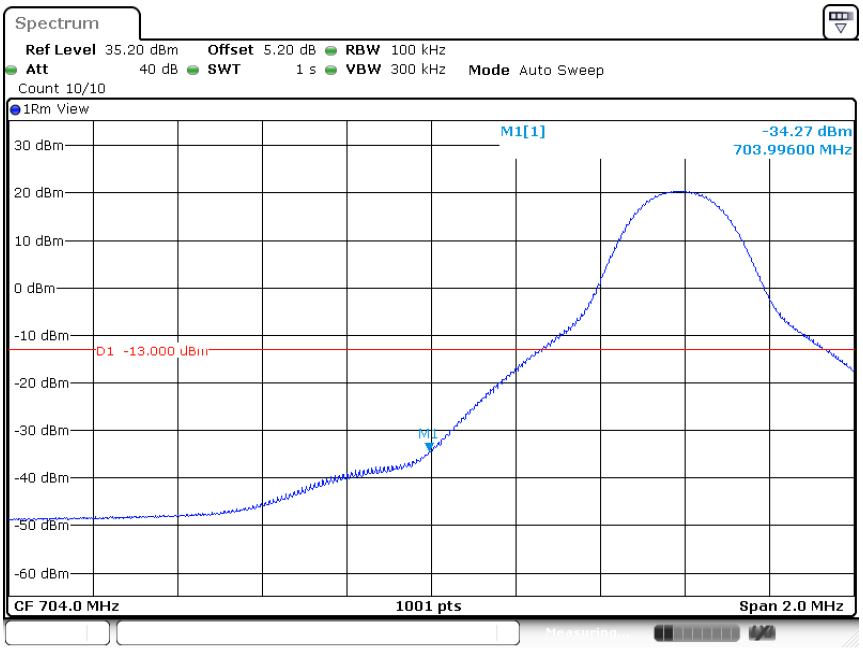
Band17-5MHz-16QAM-23825-25RB#0



Date: 23.OCT.2020 16:33:50

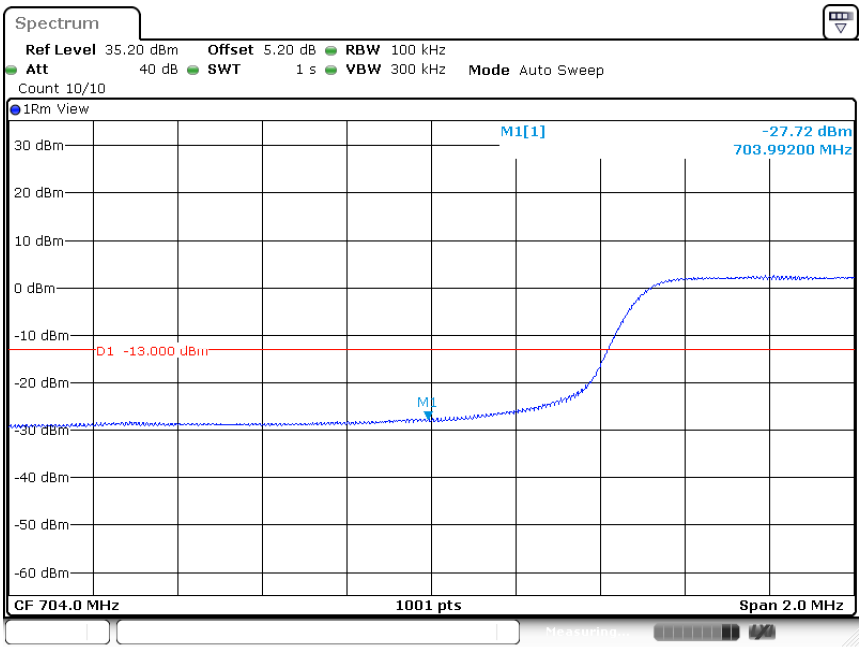
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-QPSK-23780-1RB#0



Date: 23.OCT.2020 16:34:16

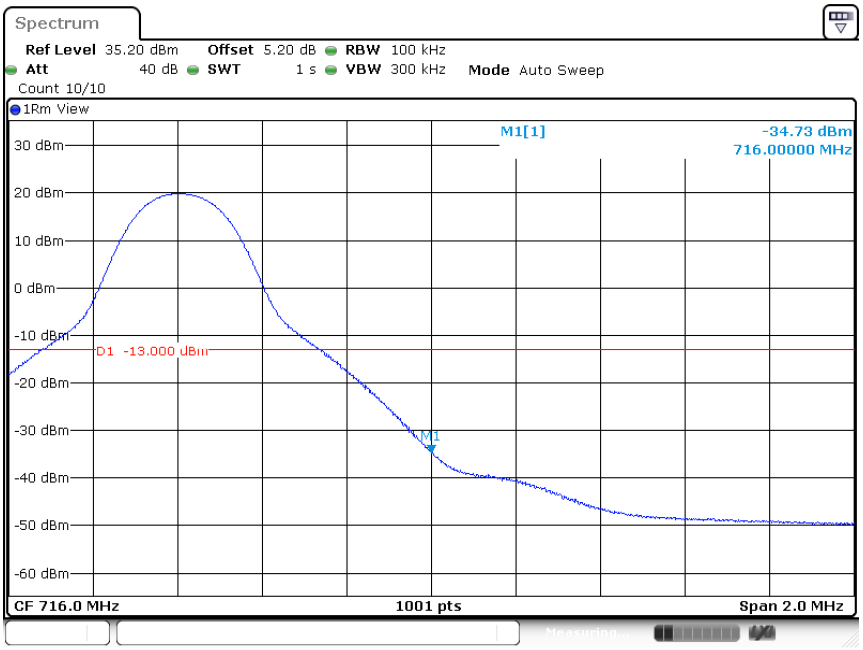
Band17-10MHz-QPSK-23780-50RB#0



Date: 23.OCT.2020 16:34:58

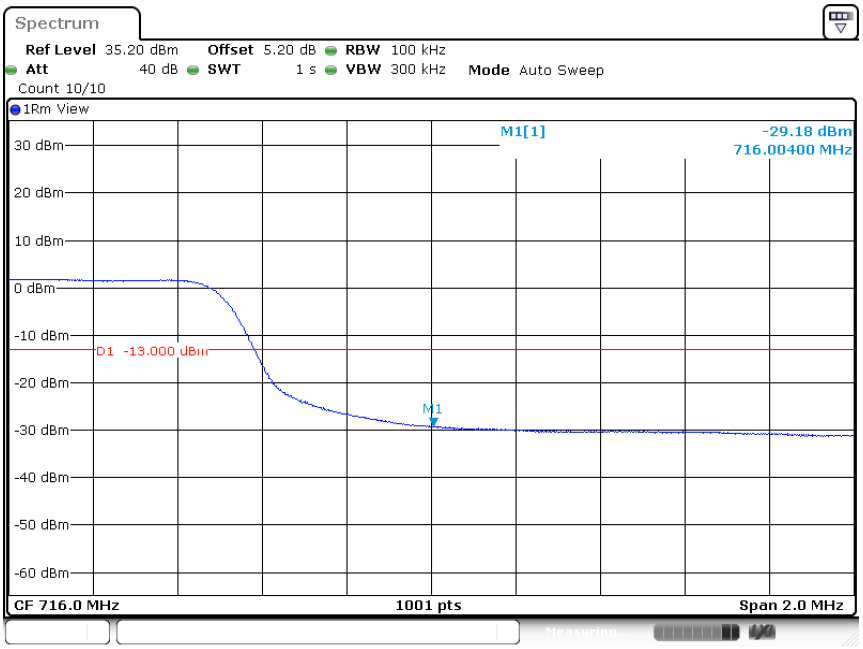
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-QPSK-23800-1RB#49



Date: 23.OCT.2020 16:35:45

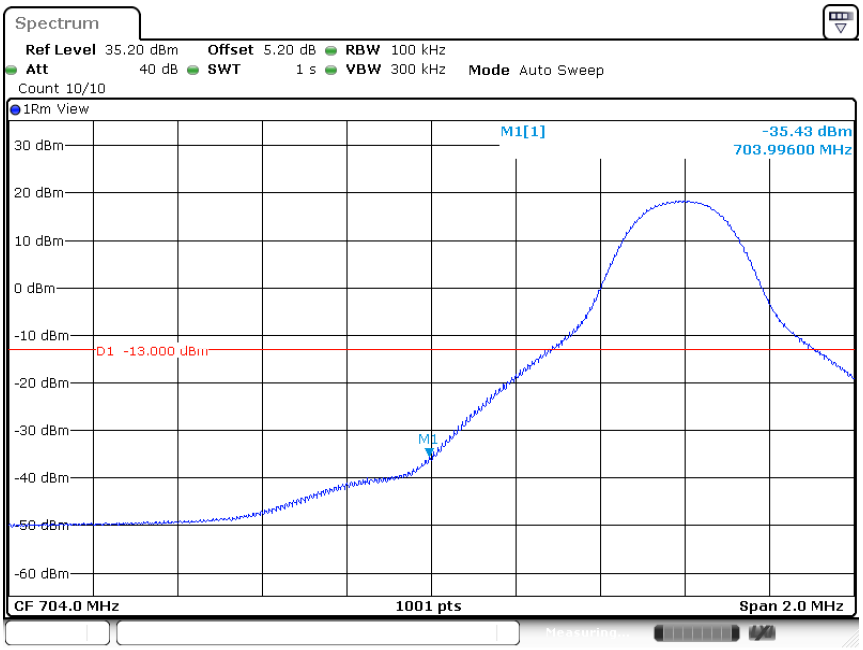
Band17-10MHz-QPSK-23800-50RB#0



Date: 23.OCT.2020 16:36:27

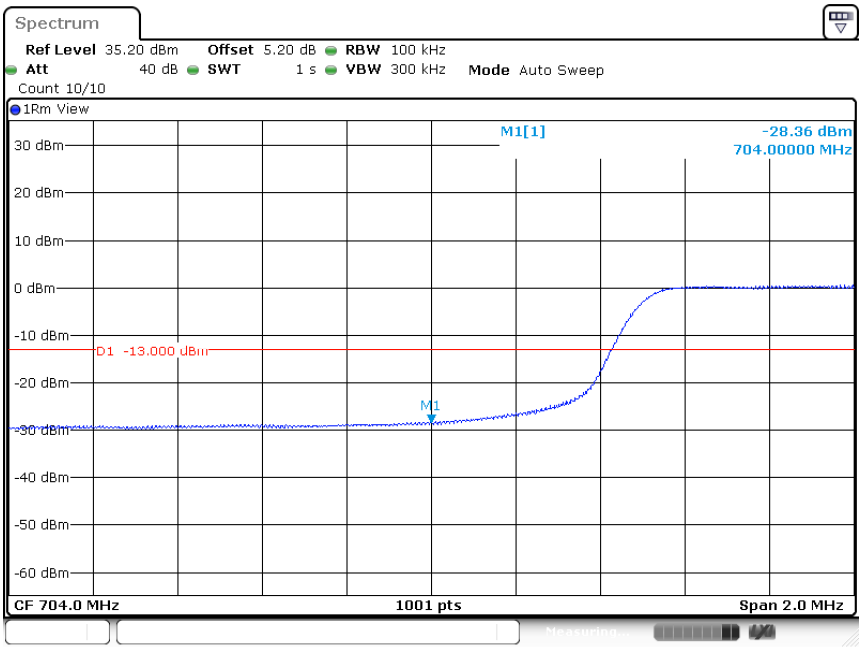
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-64QAM-23780-1RB#0



Date: 23.OCT.2020 16:55:52

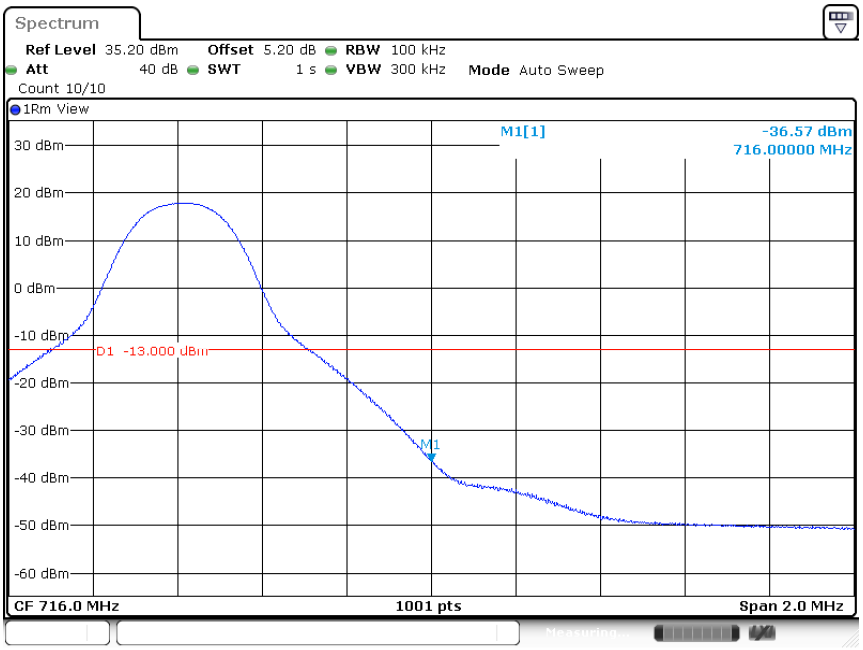
Band17-10MHz-64QAM-23780-50RB#0



Date: 23.OCT.2020 16:56:13

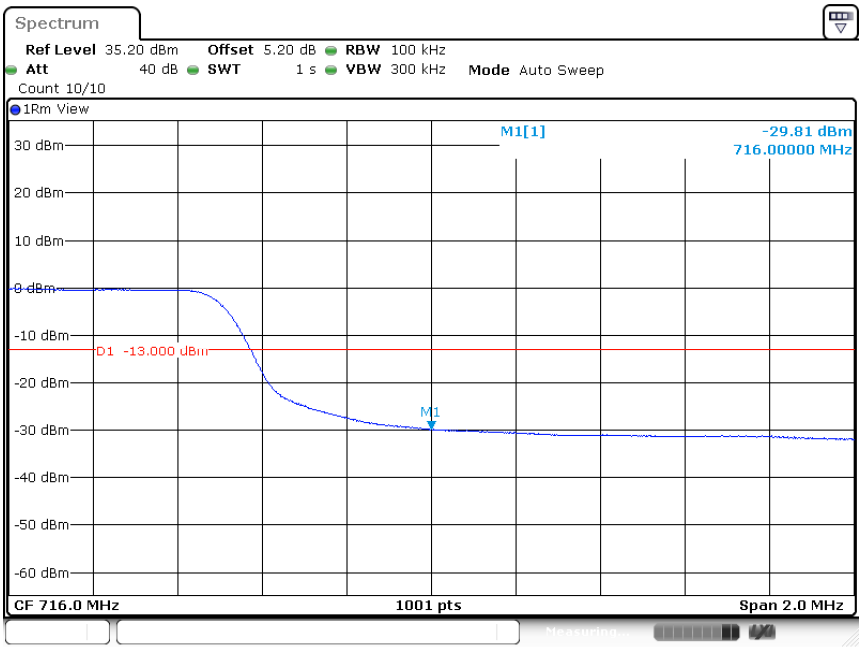
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-64QAM-23800-1RB#49



Date: 23.OCT.2020 16:56:39

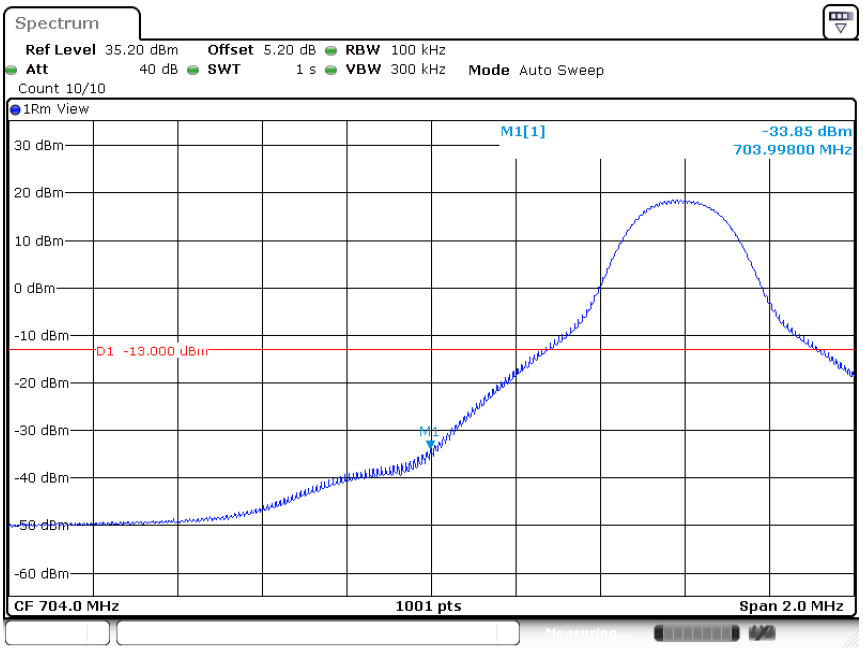
Band17-10MHz-64QAM-23800-50RB#0



Date: 23.OCT.2020 16:56:59

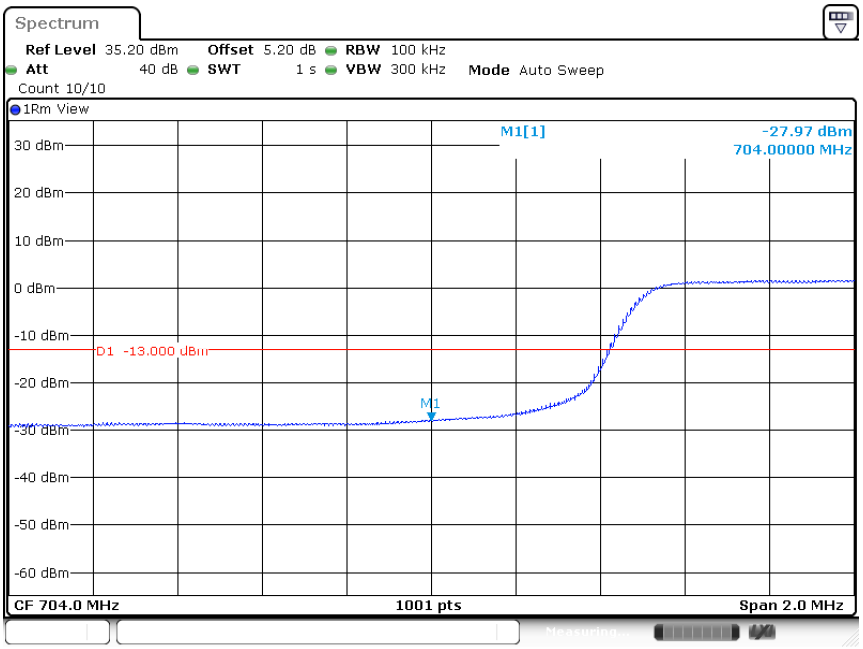
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-16QAM-23780-1RB#0



Date: 23.OCT.2020 16:34:37

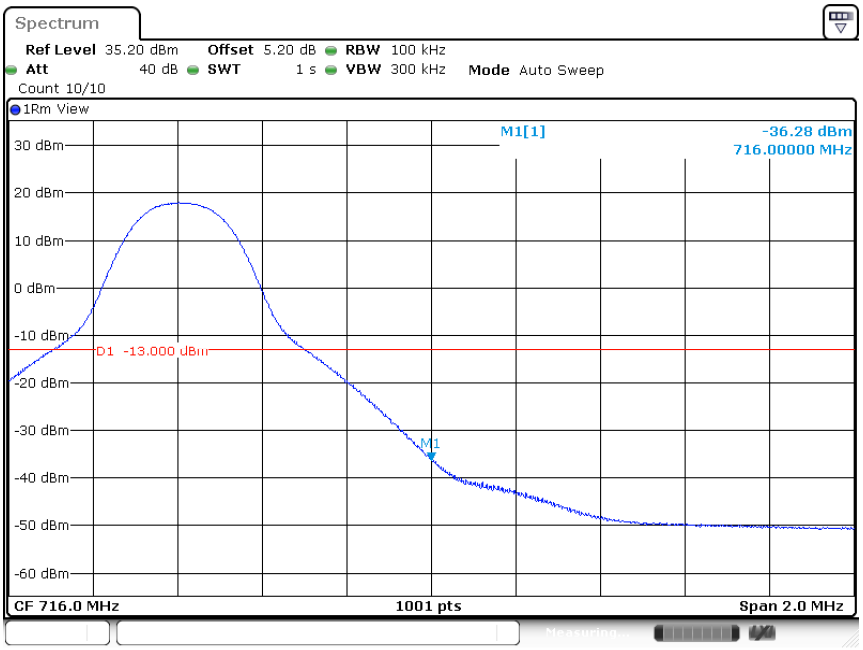
Band17-10MHz-16QAM-23780-50RB#0



Date: 23.OCT.2020 16:35:18

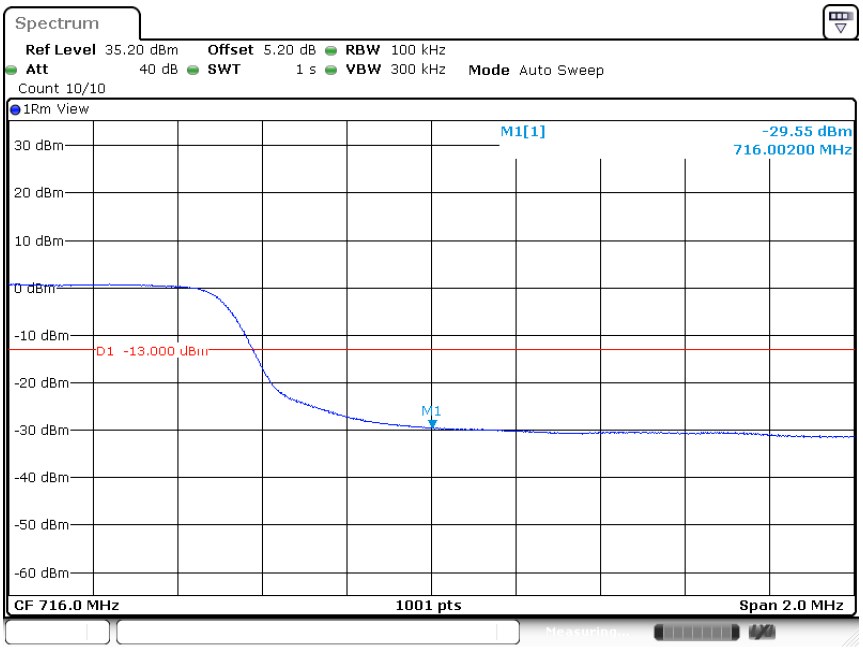
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-16QAM-23800-1RB#49



Date: 23.OCT.2020 16:36:06

Band17-10MHz-16QAM-23800-50RB#0



Date: 23.OCT.2020 16:36:47

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

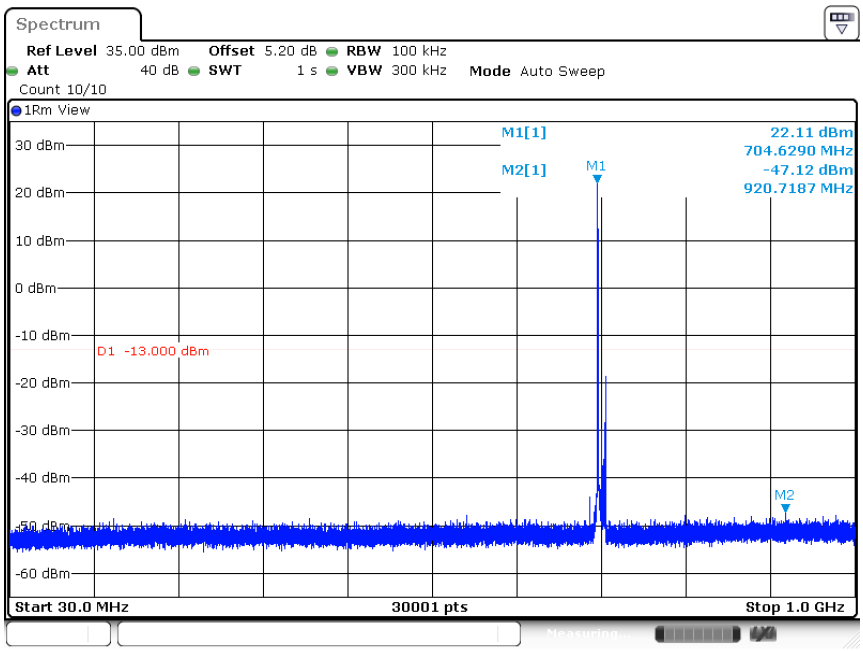
6 Spurious Emission at Antenna Terminal

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

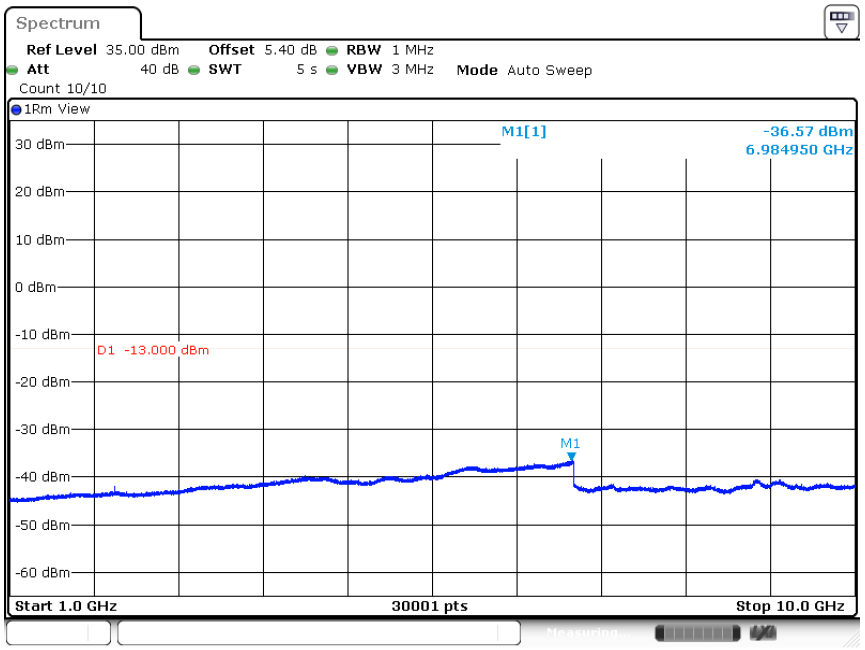
Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



Date: 22.OCT.2020 23:52:49

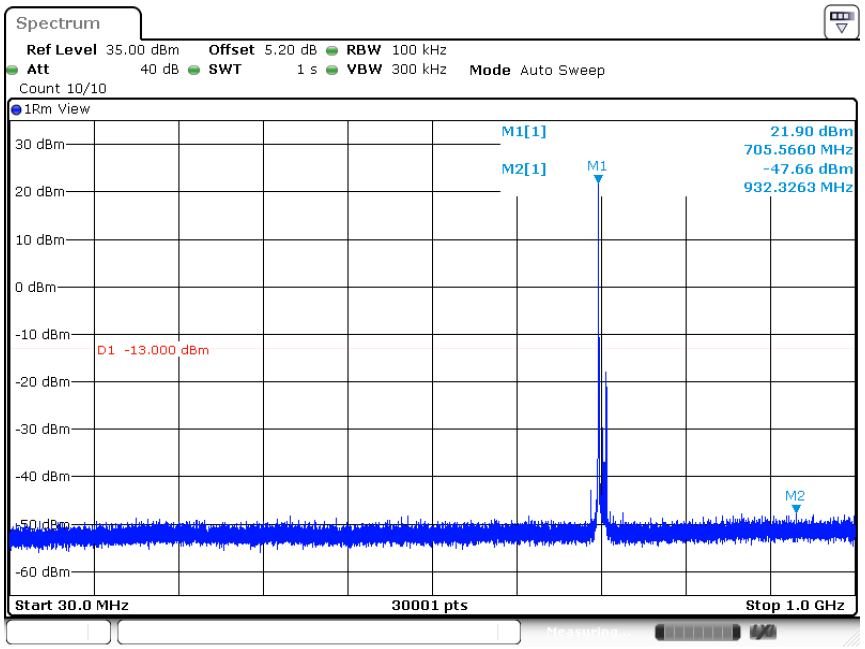
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 23:53:58

Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



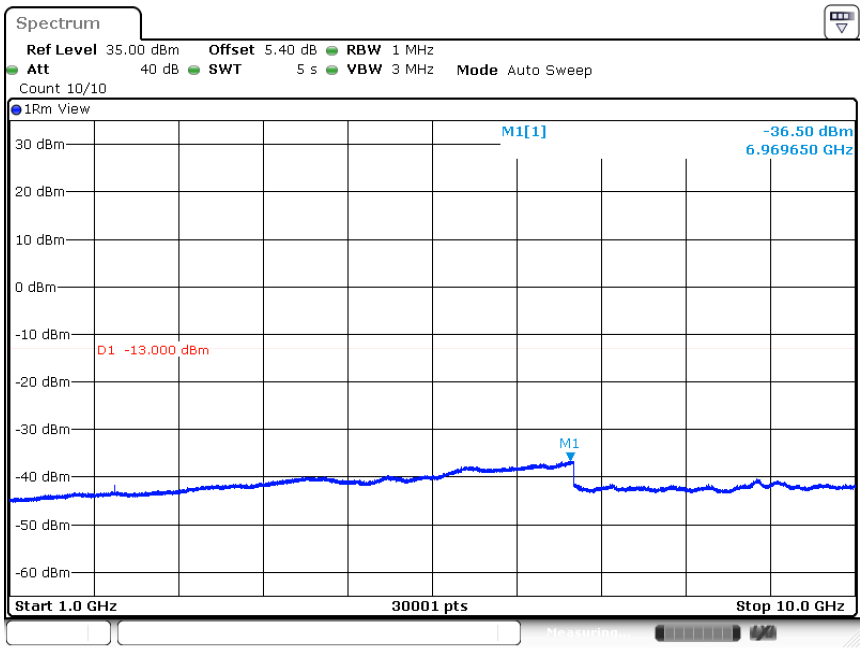
Date: 22.OCT.2020 23:55:52

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 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

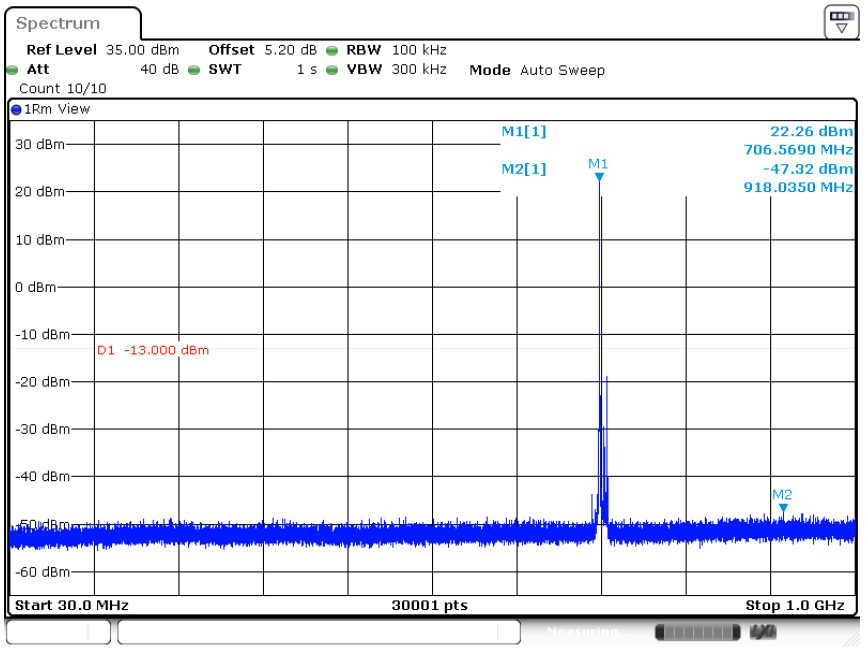
Member of the SGS Group (SGS SA)

Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 23:57:00

Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



Date: 22.OCT.2020 23:58:55

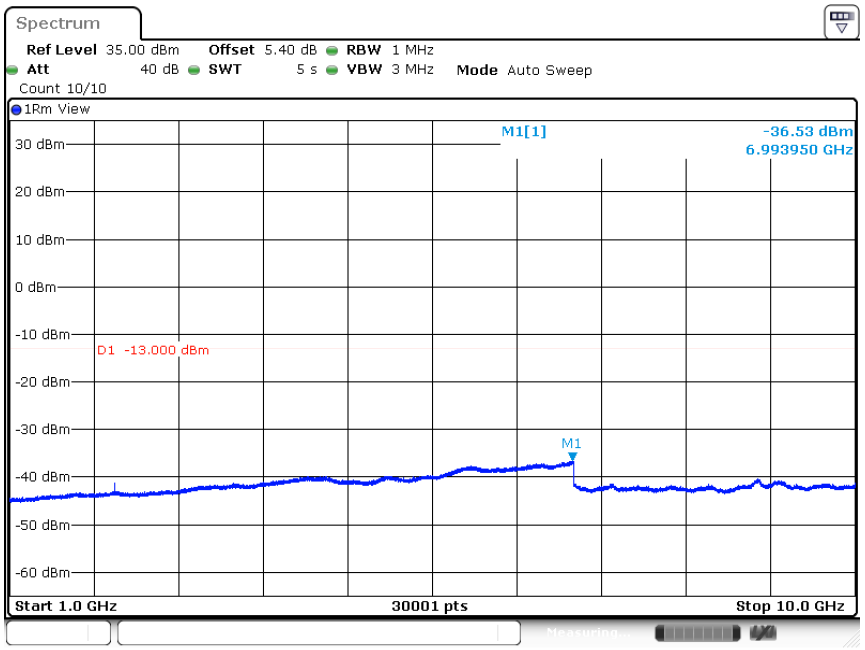
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

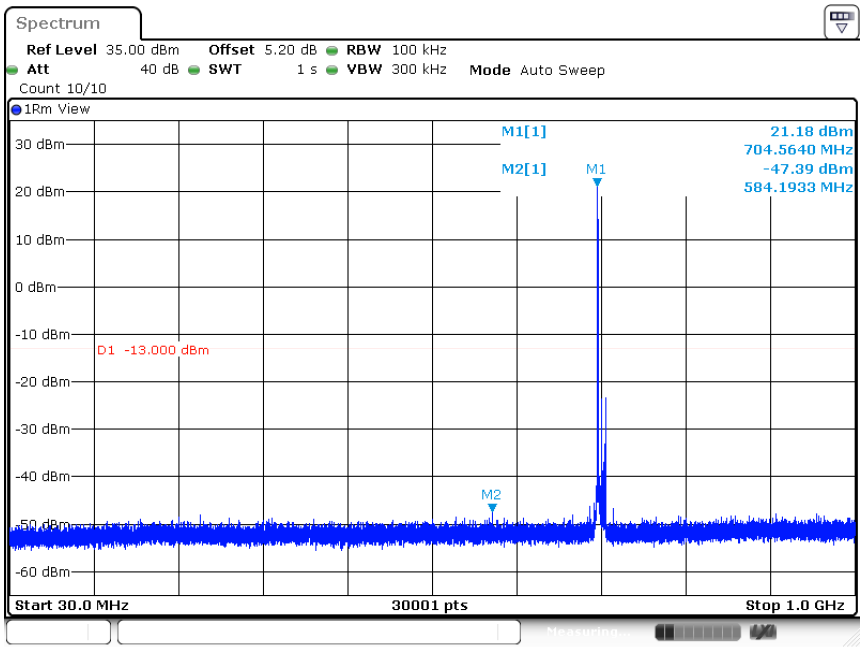
Member of the SGS Group (SGS SA)

Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz



Date: 23.OCT.2020 00:00:03

Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz

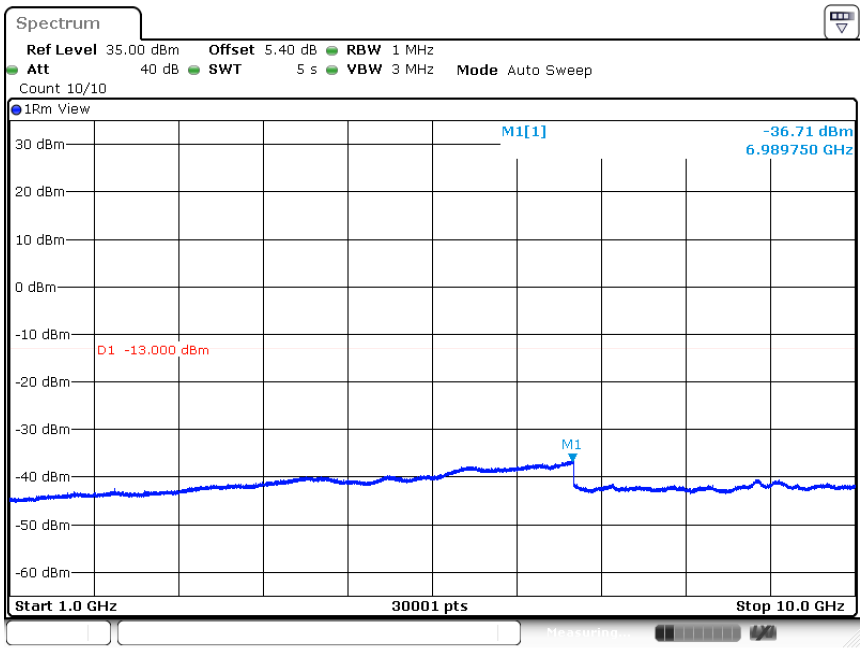


Date: 22.OCT.2020 23:54:21

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

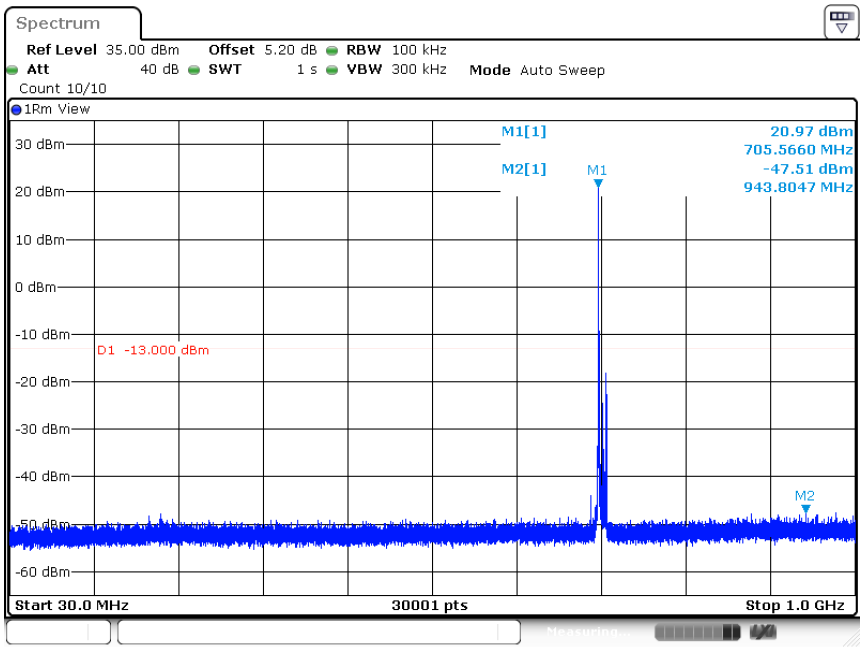
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center-EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 23:55:29

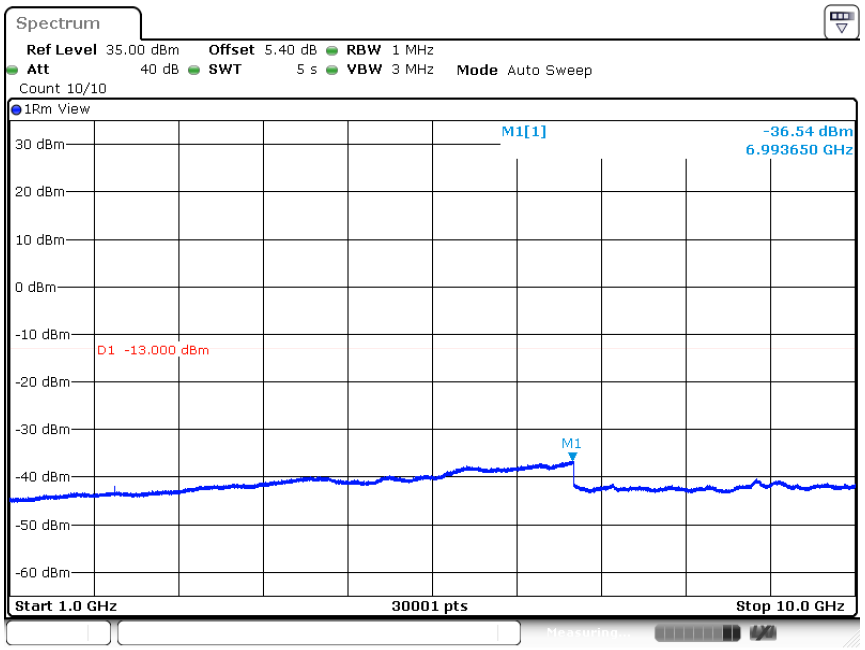
Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



Date: 22.OCT.2020 23:57:23

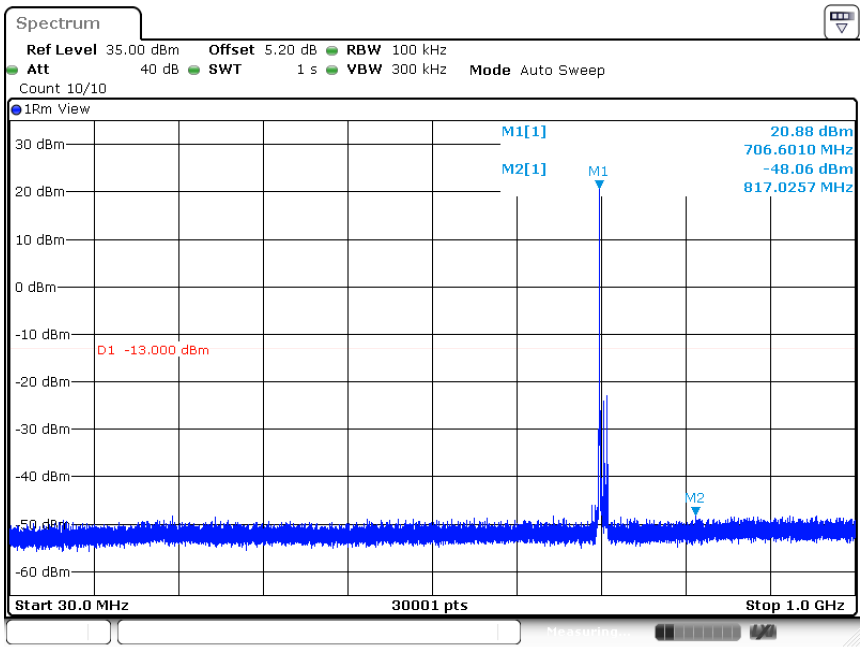
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 23:58:31

Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz

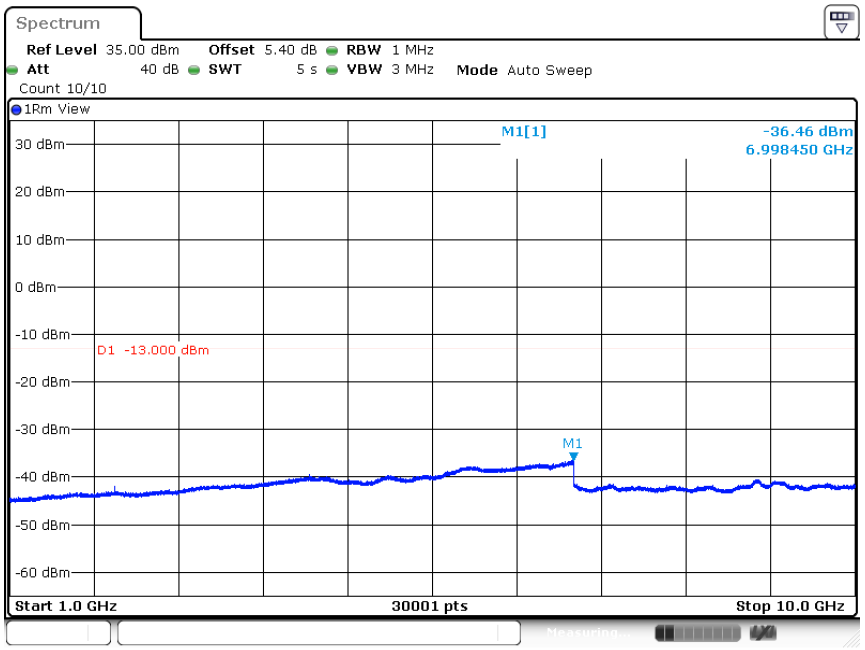


Date: 23.OCT.2020 00:00:26

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

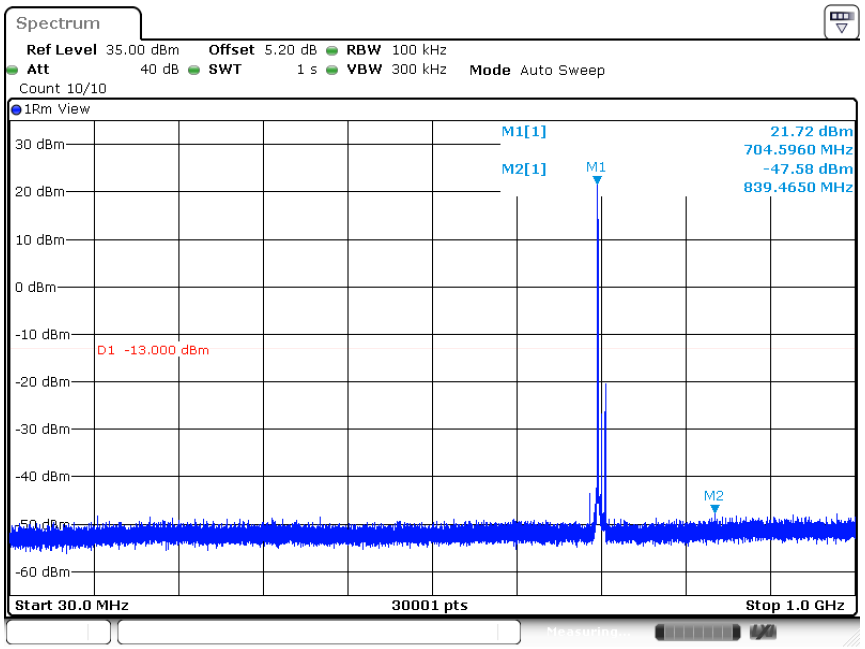
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center EEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755)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

Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



Date: 23.OCT.2020 00:01:34

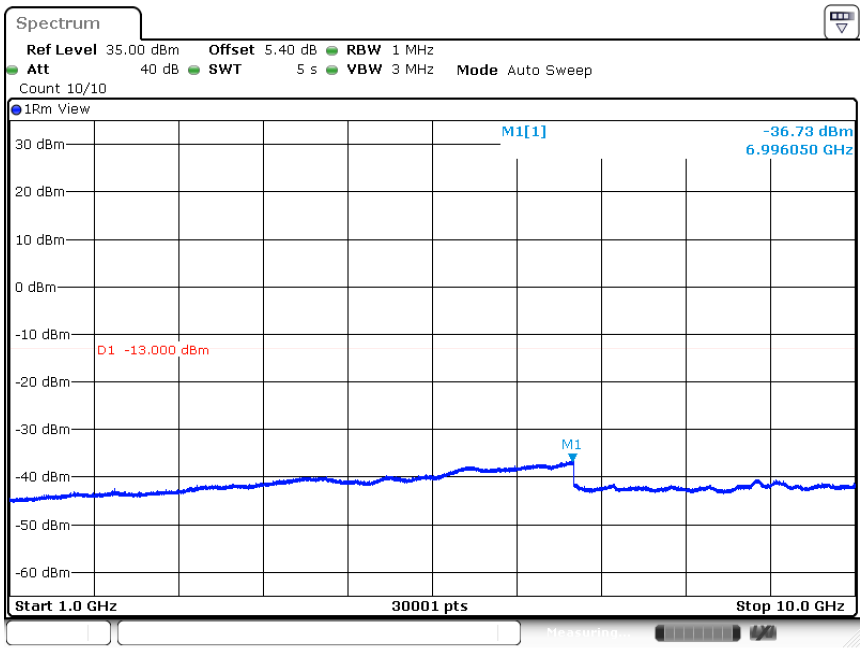
Band17-10MHz-64QAM-23780-1RB#0-Range1:30~1000MHz



Date: 23.OCT.2020 01:10:04

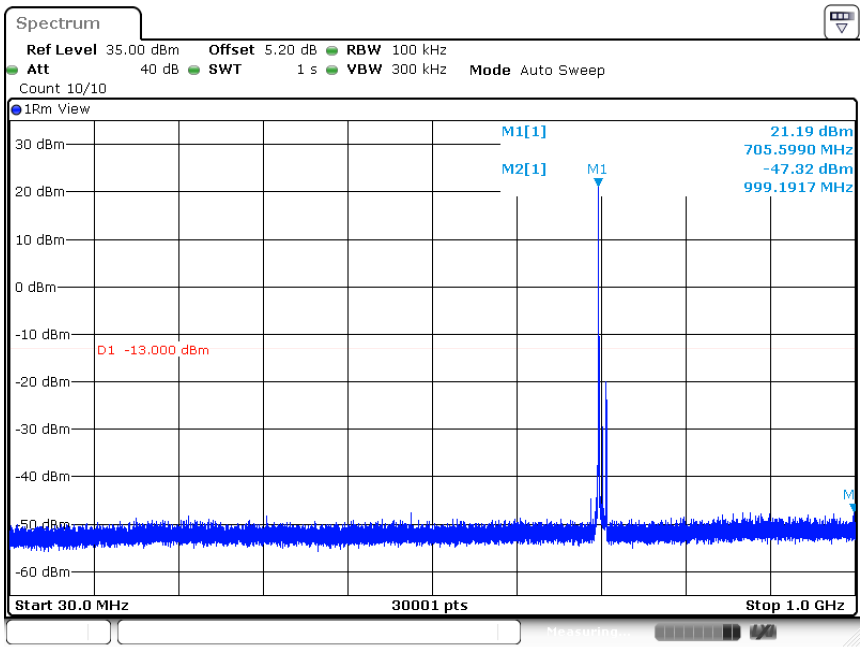
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-64QAM-23780-1RB#0-Range2:1000~10000MHz



Date: 23.OCT.2020 01:11:12

Band17-10MHz-64QAM-23790-1RB#0-Range1:30~1000MHz



Date: 23.OCT.2020 01:11:35

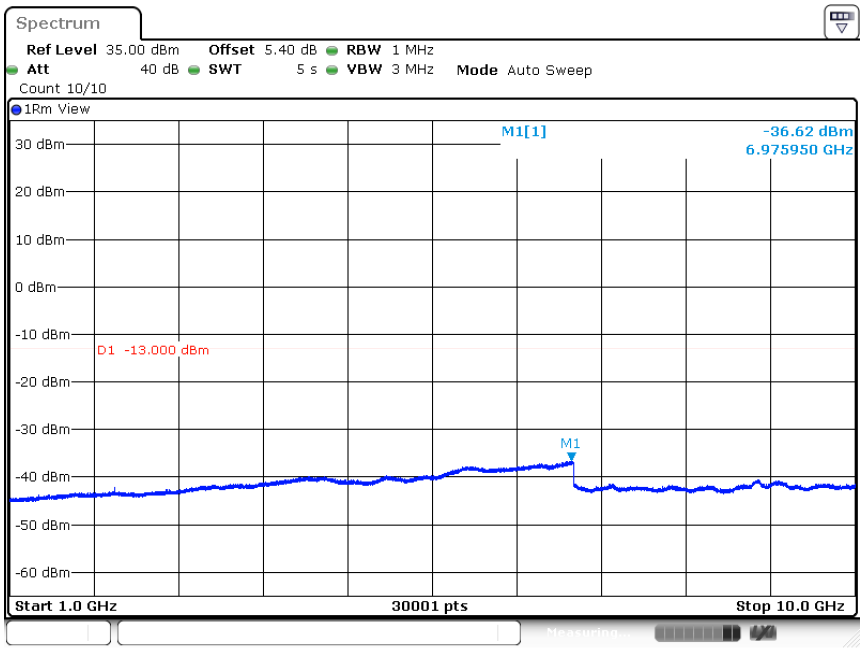
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

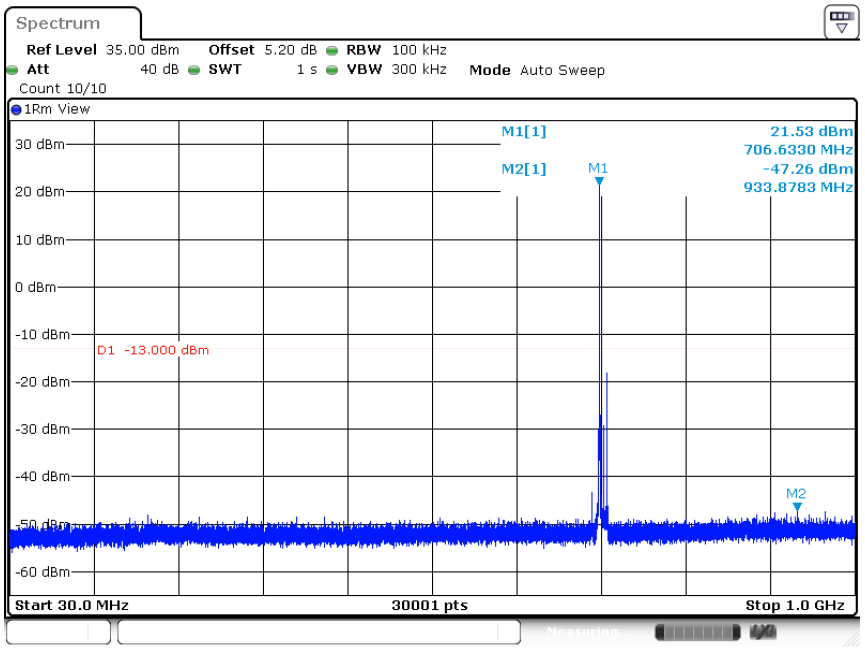
Member of the SGS Group (SGS SA)

Band17-10MHz-64QAM-23790-1RB#0-Range2:1000~10000MHz



Date: 23.OCT.2020 01:12:44

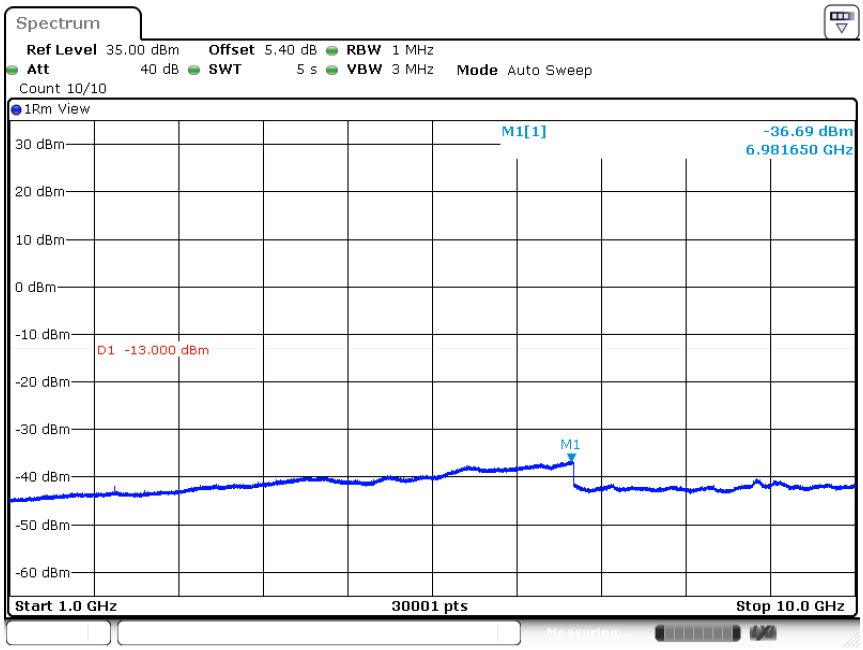
Band17-10MHz-64QAM-23800-1RB#0-Range1:30~1000MHz



Date: 23.OCT.2020 01:13:07

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

Band17-10MHz-64QAM-23800-1RB#0-Range2:1000~10000MHz



Date: 23.OCT.2020 01:14:15

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

7 Field Strength of Spurious Radiation

7.1 Test Band = LTE_17 _TM1

7.1.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.3496	-63.77	-13.00	50.77	Horizontal
2	230.7515	-67.62	-13.00	54.62	Horizontal
3	2113.8228	-47.97	-13.00	34.97	Horizontal
4	2697.5395	-55.56	-13.00	42.56	Horizontal
5	7448.8180	-56.63	-13.00	43.63	Horizontal
6	9294.0918	-53.06	-13.00	40.06	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

7.2 Test Band = LTE_17 _TM1

7.2.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	79.9575	-64.92	-13.00	51.92	Vertical
2	109.1560	-65.05	-13.00	52.05	Vertical
3	399.9765	-66.75	-13.00	53.75	Vertical
4	2113.8228	-51.78	-13.00	38.78	Vertical
5	3675.9470	-61.66	-13.00	48.66	Vertical
6	9324.0530	-53.01	-13.00	40.01	Vertical

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

7.3 Test Band = LTE_17 _TM1

7.3.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7190	-63.72	-13.00	50.72	Horizontal
2	244.8657	-67.74	-13.00	54.74	Horizontal
3	582.2001	-64.15	-13.00	51.15	Horizontal
4	1410.8822	-62.93	-13.00	49.93	Horizontal
5	2116.6233	-48.97	-13.00	35.97	Horizontal
6	9312.0125	-53.07	-13.00	40.07	Horizontal

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

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

7.4 Test Band = LTE_17 _TM1

7.4.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	80.5880	-64.91	-13.00	51.91	Vertical
2	112.4056	-64.28	-13.00	51.28	Vertical
3	587.0504	-64.60	-13.00	51.60	Vertical
4	2116.6233	-52.50	-13.00	39.50	Vertical
5	7413.8166	-56.46	-13.00	43.46	Vertical
6	9567.3827	-52.89	-13.00	39.89	Vertical

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

7.5 Test Band = LTE_17 _TM1

7.5.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.2526	-63.01	-13.00	50.01	Horizontal
2	244.7687	-68.12	-13.00	55.12	Horizontal
3	1413.2827	-63.03	-13.00	50.03	Horizontal
4	2119.8240	-48.92	-13.00	35.92	Horizontal
5	7220.0488	-57.95	-13.00	44.95	Horizontal
6	9557.0223	-52.92	-13.00	39.92	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

7.6 Test Band = LTE_17 _TM1

7.6.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	79.8120	-65.30	-13.00	52.30	Vertical
2	111.6296	-64.41	-13.00	51.41	Vertical
3	431.4546	-67.12	-13.00	54.12	Vertical
4	1412.8826	-62.07	-13.00	49.07	Vertical
5	2119.8240	-52.48	-13.00	39.48	Vertical
6	9275.8910	-52.89	-13.00	39.89	Vertical

Remark:

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

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

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

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

8 Frequency Stability

8.1 Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-2.00	-0.002821	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-1.20	-0.001693	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-1.20	-0.001693	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-1.00	-0.001408	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-1.00	-0.001406	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-1.90	-0.002672	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-3.30	-0.004641	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	0.50	0.000704	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-1.10	-0.001547	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-2.40	-0.003376	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-1.20	-0.001688	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VL	NT	-1.50	-0.002116	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VN	NT	0.30	0.000423	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VH	NT	-1.50	-0.002116	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VL	NT	0.40	0.000563	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VN	NT	-0.50	-0.000704	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VH	NT	-1.50	-0.002113	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VL	NT	-2.40	-0.003376	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VN	NT	-2.30	-0.003235	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VH	NT	-1.80	-0.002532	±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
Member of the SGS Group (SGS SA)

8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-0.80	-0.001128	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-0.80	-0.001128	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-0.70	-0.000987	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-1.20	-0.001693	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-0.90	-0.001269	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	0.40	0.000564	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-1.00	-0.001410	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	0.50	0.000704	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	0.20	0.000282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	0.30	0.000423	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-0.60	-0.000845	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	0.50	0.000704	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-0.70	-0.000986	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-0.70	-0.000986	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-2.50	-0.003516	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-3.10	-0.004360	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-0.60	-0.000844	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-0.70	-0.000985	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-1.00	-0.001406	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-1.20	-0.001688	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-1.50	-0.002110	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-1.00	-0.001410	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-0.40	-0.000564	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-0.60	-0.000846	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-1.80	-0.002539	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-1.50	-0.002116	±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
Member of the SGS Group (SGS SA)

Band17	10MHz	16QAM	23780	50RB#0	NV	30	-2.40	-0.003385	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-0.90	-0.001269	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	0.10	0.000141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-0.90	-0.001268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-0.80	-0.001127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	0.20	0.000282	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	0.10	0.000141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-0.90	-0.001268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	0.80	0.001127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-0.50	-0.000704	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-1.70	-0.002391	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-1.70	-0.002391	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-0.70	-0.000985	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.70	-0.003797	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-1.30	-0.001828	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-1.70	-0.002391	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-1.30	-0.001828	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-2.40	-0.003376	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-30	-0.80	-0.001128	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-20	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-10	-1.50	-0.002116	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	0	0.20	0.000282	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	10	0.30	0.000423	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	20	-1.30	-0.001834	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	30	-1.80	-0.002539	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	40	-1.70	-0.002398	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	50	0.30	0.000423	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-30	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-20	-0.70	-0.000986	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-10	0.70	0.000986	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	0	0.10	0.000141	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	10	-0.80	-0.001127	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	20	-1.70	-0.002394	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	30	-0.50	-0.000704	±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

Band17	10MHz	64QAM	23790	50RB#0	NV	40	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	50	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-30	-1.30	-0.001828	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-20	-1.90	-0.002672	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-10	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	0	-2.40	-0.003376	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	10	-2.70	-0.003797	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	20	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	30	-2.00	-0.002813	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	40	-1.50	-0.002110	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	50	-3.10	-0.004360	±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