



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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	3
1.1.	TEST RESULT	3
2.	PEAK-TO-AVERAGE RATIO (CCDF).....	6
2.1.	TEST RESULT	6
2.2.	TEST PLOTS	6
3.	MODULATION CHARACTERISTICS	10
3.1.	TEST MODE = LTE /TM1 10MHZ.....	10
3.1.1.	TEST CHANNEL = MCH	10
3.2.	TEST MODE = LTE /TM2 10MHZ.....	11
3.2.1.	TEST CHANNEL = MCH	11
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	12
4.1.	TEST RESULT	12
4.2.	TEST PLOTS	13
5.	BAND EDGE COMPLIANCE	19
5.1.	TEST PLOTS	19
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	28
6.1.	TEST PLOTS	28
7.	FIELD STRENGTH OF SPURIOUS RADIATION	35
7.1.	TEST MODE =LTE/TM1 10MHZ	35
7.1.1.	TEST CHANNEL = LCH	35
7.1.2.	TEST CHANNEL = MCH	35
7.1.3.	TEST CHANNEL = HCH	36
8.	FREQUENCY STABILITY	37
8.1.	FREQUENCY VS VOLTAGE	37
8.2.	FREQUENCY VS TEMPERATURE	37



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

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

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

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



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	23.51	13.36	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.11	13.96	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.95	12.8	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.79	12.64	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.90	12.75	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.53	12.38	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.76	12.61	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.70	13.55	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.63	13.48	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.12	12.97	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.90	12.75	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.60	12.45	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.34	12.19	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.74	12.59	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.39	13.24	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.04	13.89	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.74	13.59	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.43	12.28	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.79	12.64	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.73	12.58	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.57	12.42	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.20	12.05	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.95	12.8	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.28	12.13	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.61	11.46	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.61	11.46	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.44	11.29	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.74	11.59	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.37	12.22	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.70	12.55	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.28	12.13	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.60	11.45	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



Band17	5MHz	16QAM	23790	12RB#6	21.60	11.45	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.61	11.46	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.69	11.54	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.20	12.05	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.61	12.46	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.21	12.06	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.51	11.36	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.65	11.5	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.60	11.45	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.50	11.35	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.69	13.54	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.88	13.73	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.29	13.14	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.04	12.89	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.84	12.69	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.28	12.13	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.86	12.71	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.71	13.56	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.85	13.7	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.44	13.29	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.90	12.75	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.64	12.49	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.42	12.27	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.86	12.71	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.75	13.6	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.58	13.43	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.77	13.62	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.74	12.59	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.55	12.4	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.70	12.55	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.81	12.66	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.41	12.26	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.17	13.02	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.44	12.29	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.99	11.84	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.05	11.9	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.59	11.44	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.60	11.45	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Band17	10MHz	16QAM	23790	1RB#0	22.45	12.3	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.48	12.33	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.33	12.18	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.66	11.51	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.81	11.66	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.57	11.42	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.72	11.57	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.46	12.31	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.45	12.3	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.29	12.14	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.60	11.45	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.69	11.54	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.61	11.46	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.60	11.45	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]

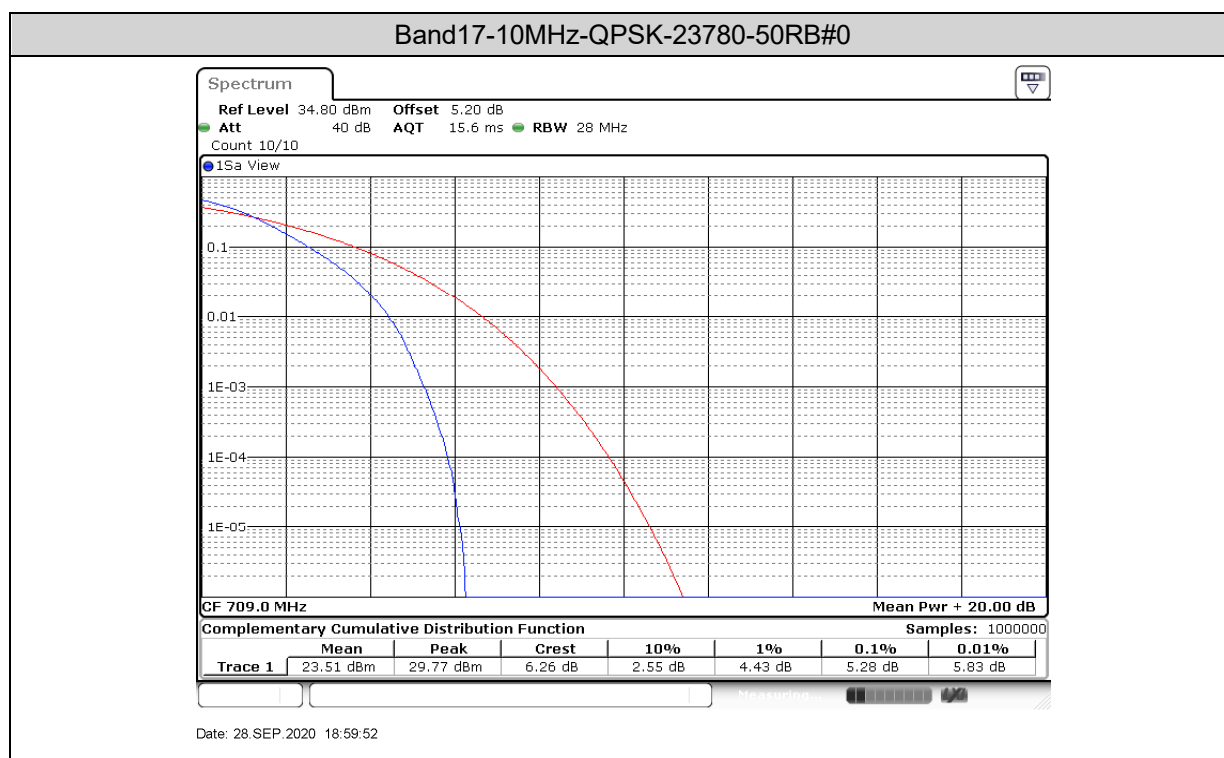


2. Peak-to-Average Ratio (CCDF)

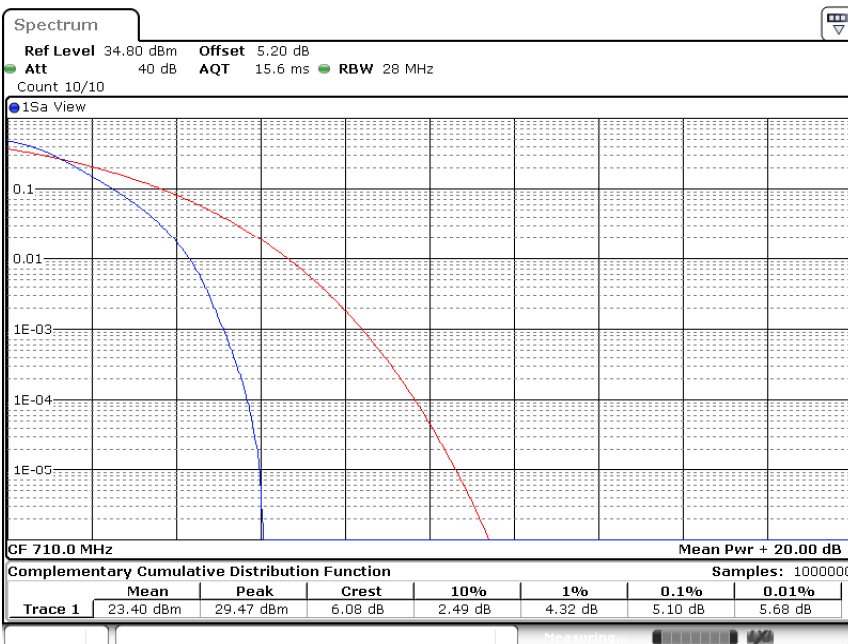
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	5.28	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.10	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.01	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.14	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.00	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.94	13	PASS

2.2. Test Plots

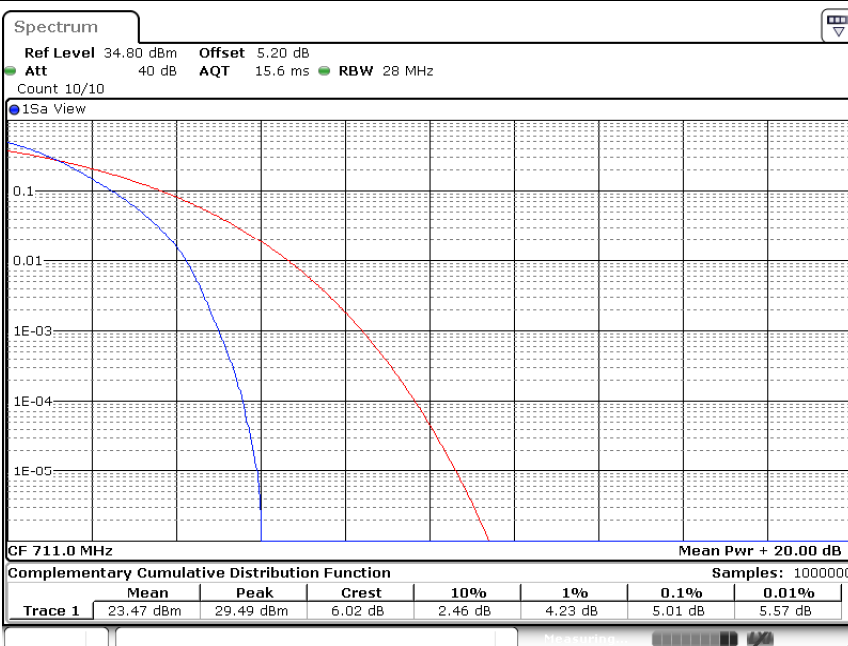


Band17-10MHz-QPSK-23790-50RB#0



Date: 28.SEP.2020 19:00:20

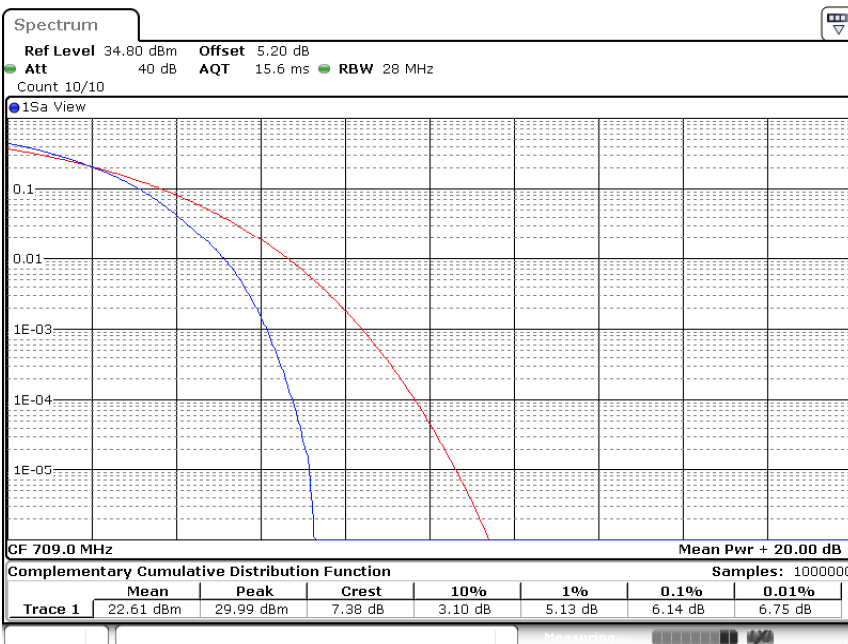
Band17-10MHz-QPSK-23800-50RB#0



Date: 28.SEP.2020 19:00:49

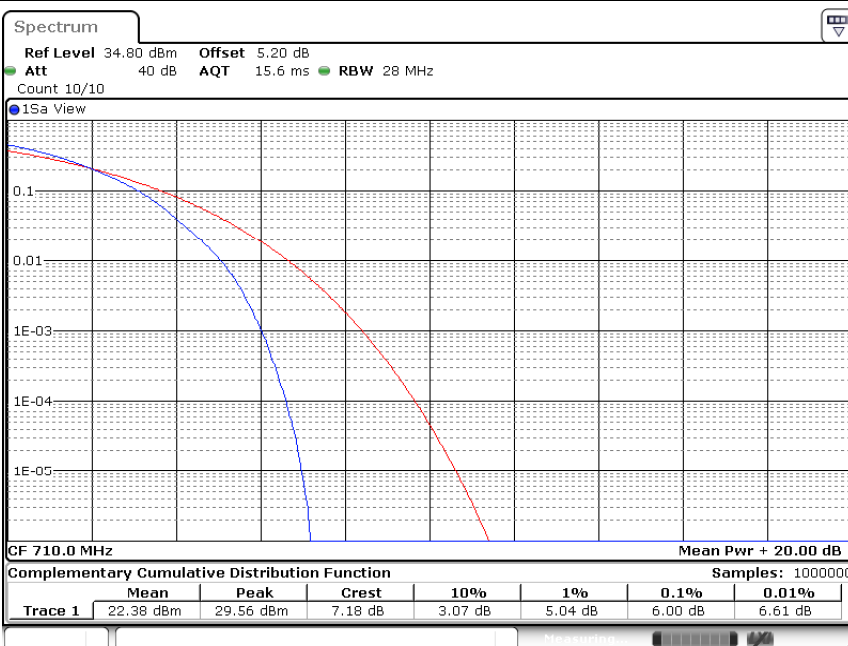


Band17-10MHz-16QAM-23780-50RB#0



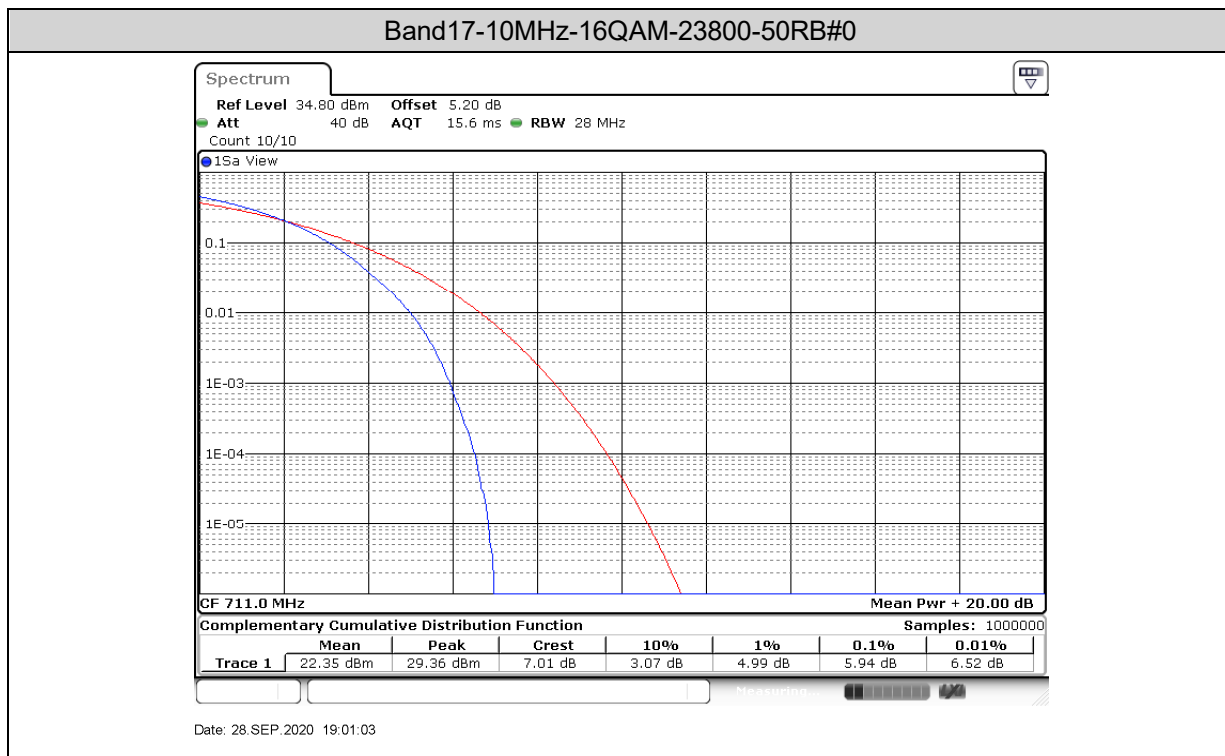
Date: 28.SEP.2020 19:00:06

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



Date: 28.SEP.2020 19:00:34



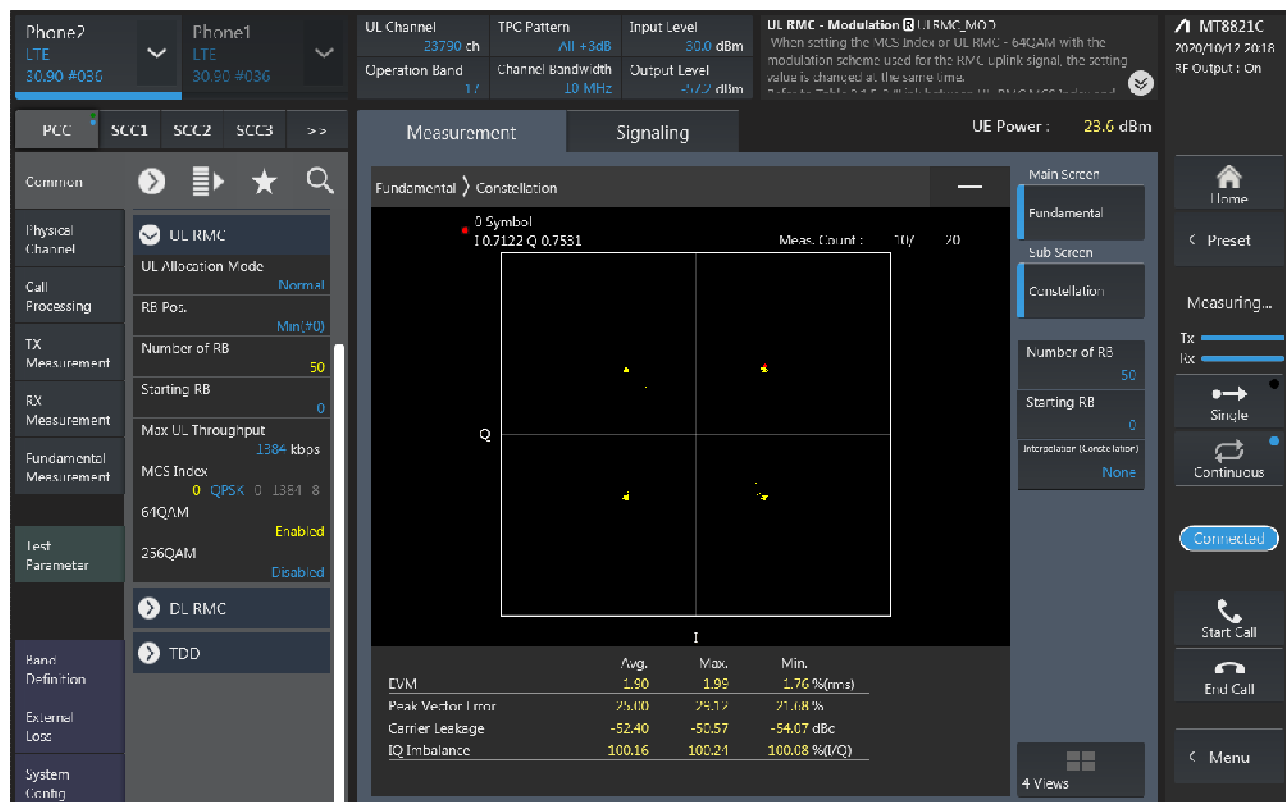


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

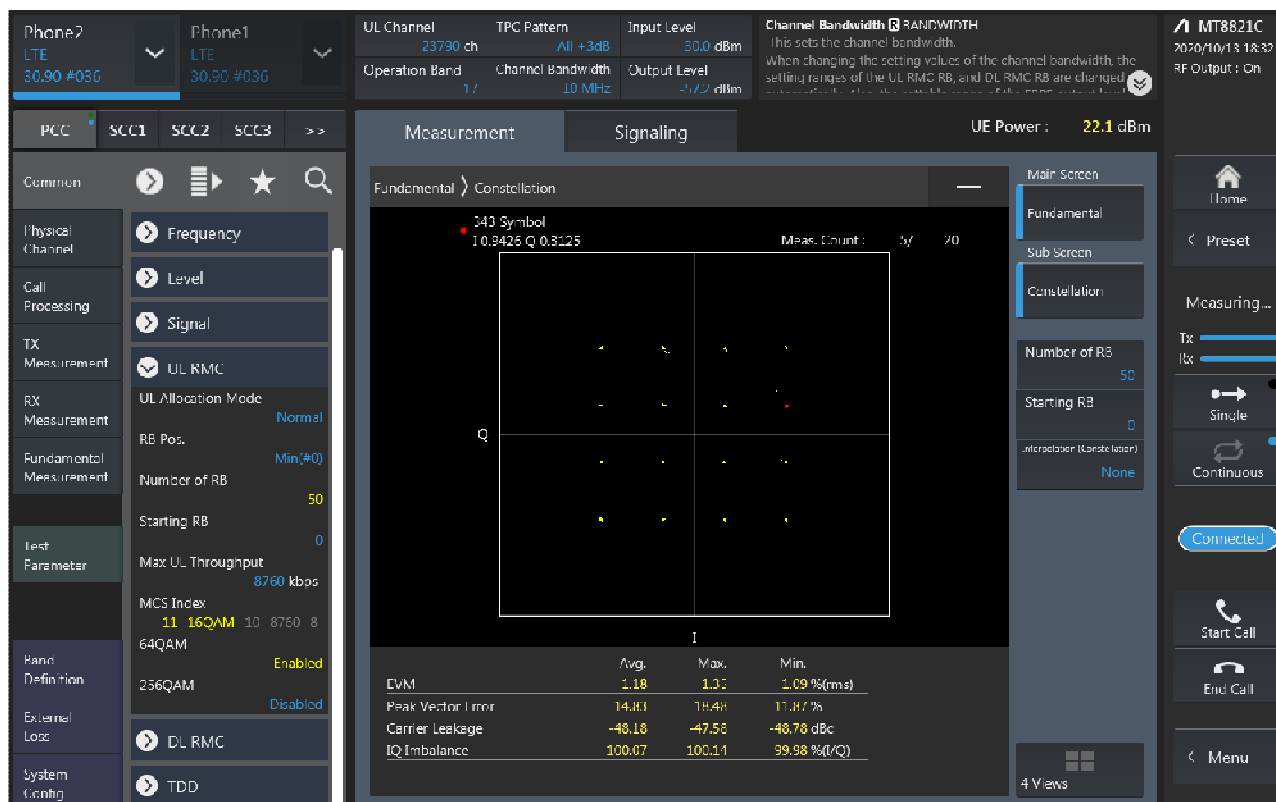
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH





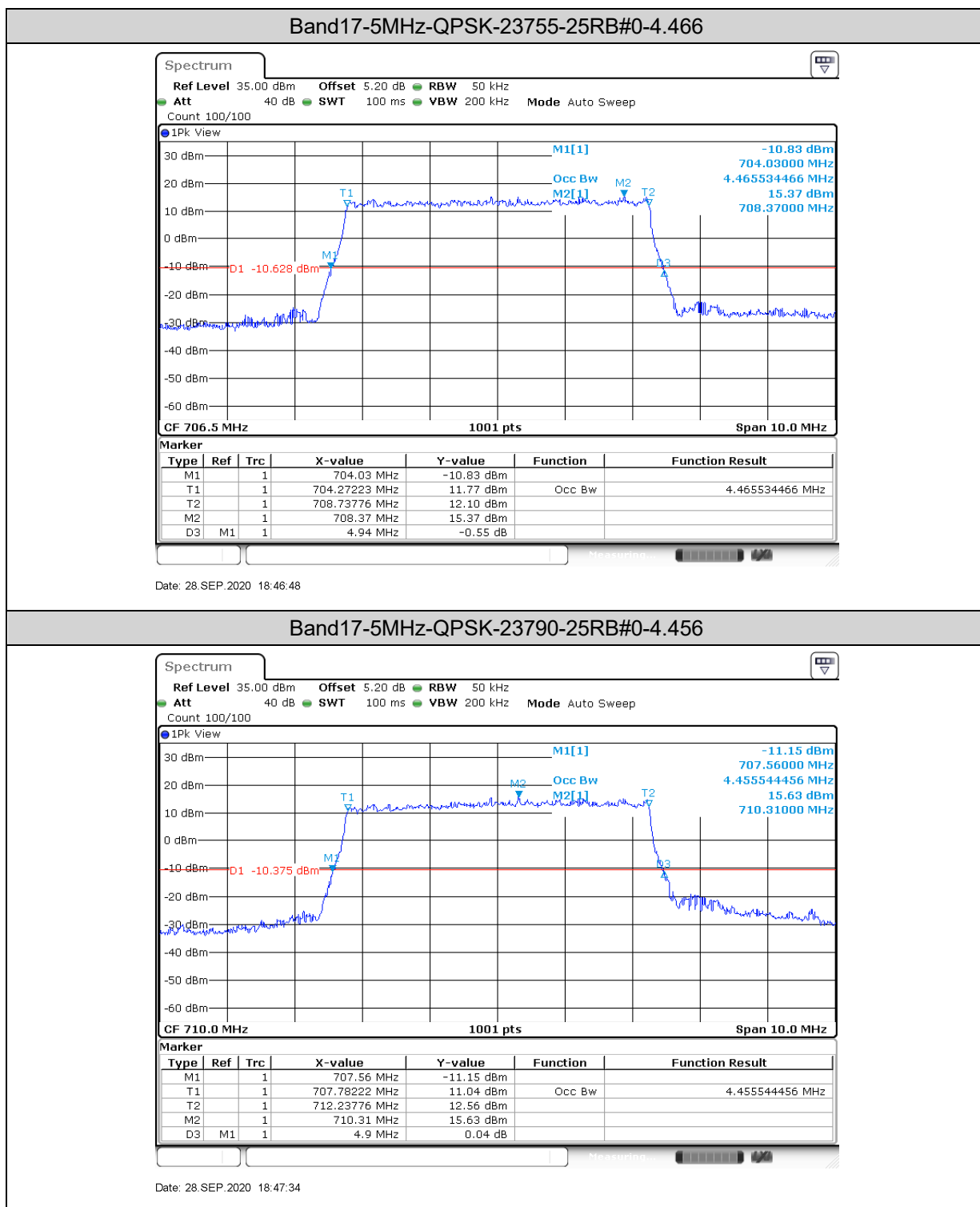
4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

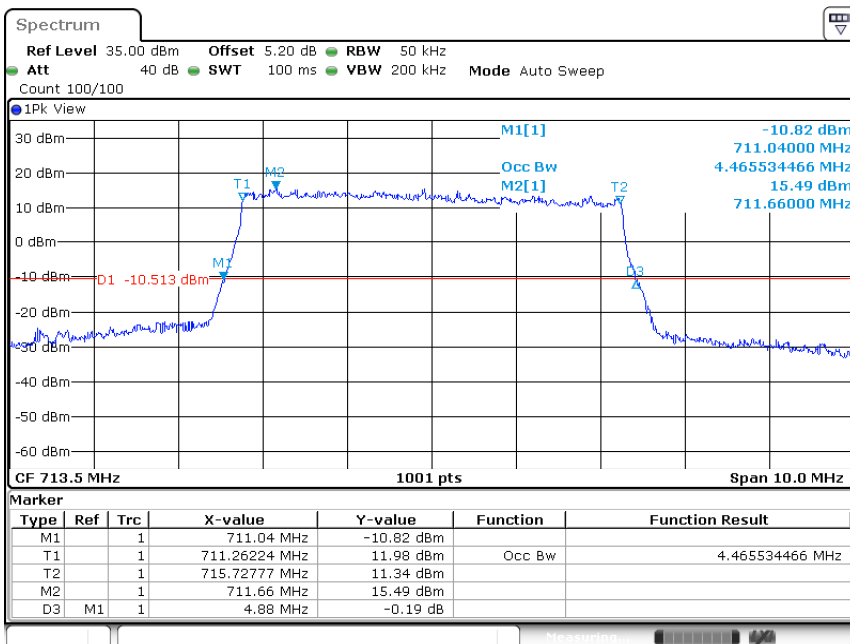
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.466	4.940	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.456	4.900	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.466	4.880	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.476	4.950	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.476	4.960	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.476	4.900	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.911	9.660	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.871	9.600	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.891	9.540	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.911	9.680	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.871	9.640	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.871	9.580	PASS



4.2. Test Plots

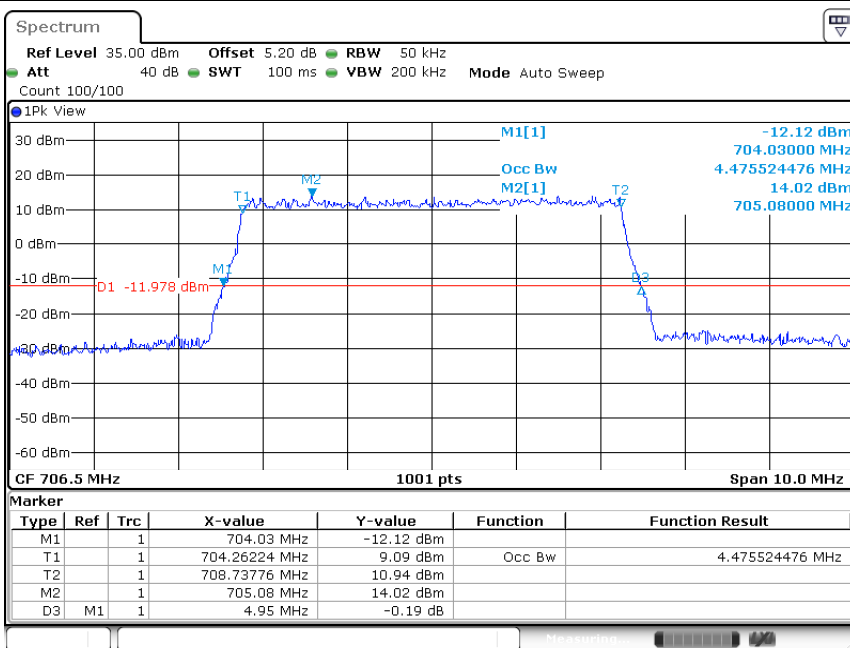


Band17-5MHz-QPSK-23825-25RB#0-4.466



Date: 28.SEP.2020 18:48:19

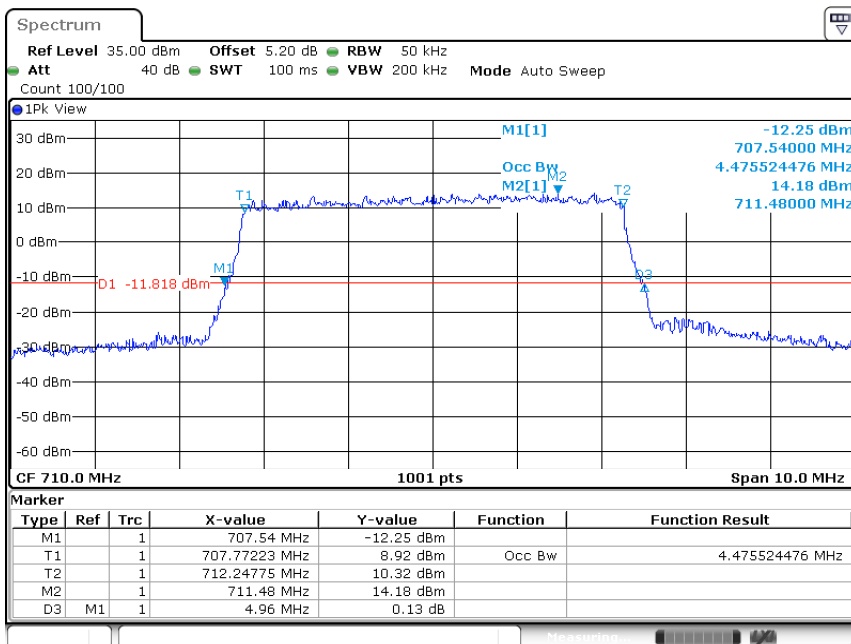
Band17-5MHz-16QAM-23755-25RB#0-4.476



Date: 28.SEP.2020 18:47:11

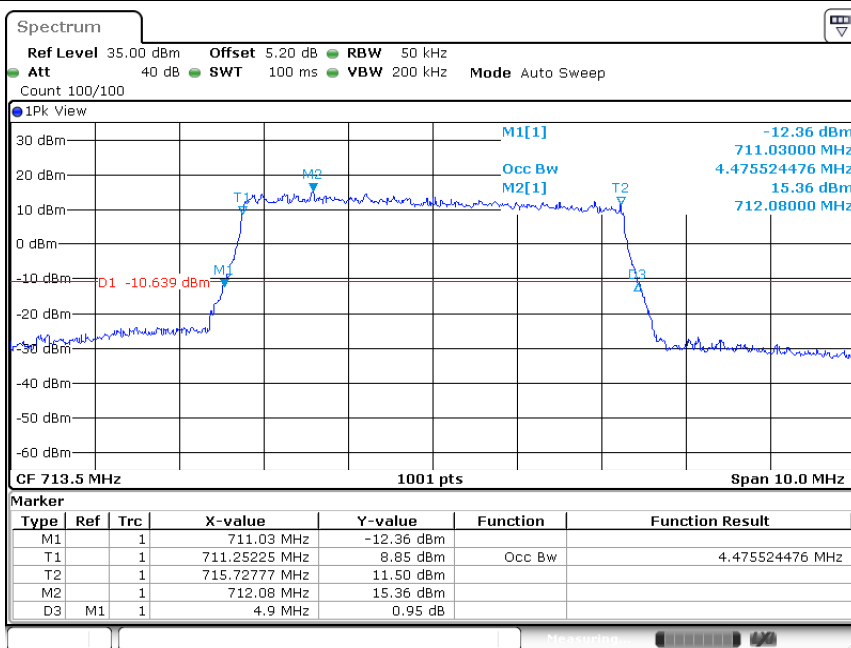


Band17-5MHz-16QAM-23790-25RB#0-4.476



Date: 28.SEP.2020 18:47:56

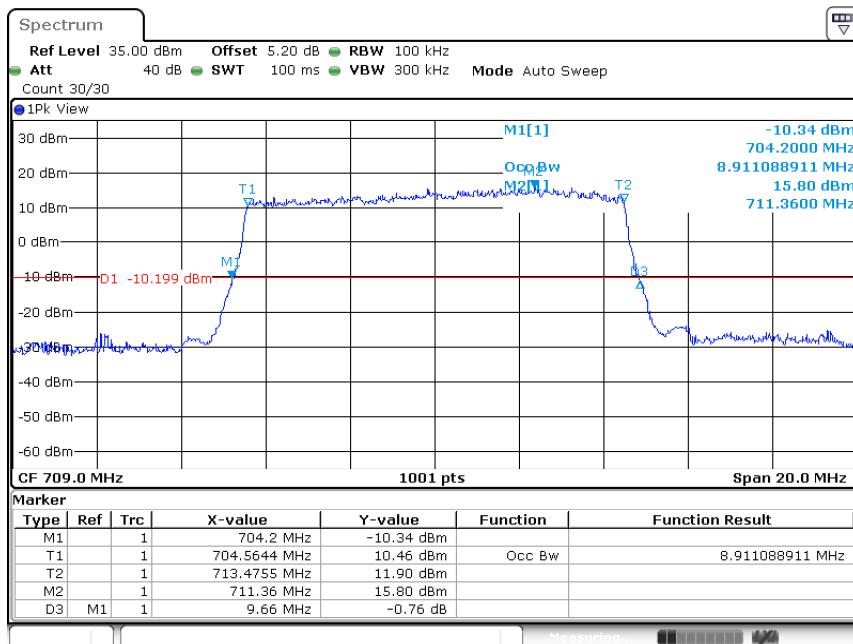
Band17-5MHz-16QAM-23825-25RB#0-4.476



Date: 28.SEP.2020 18:48:42

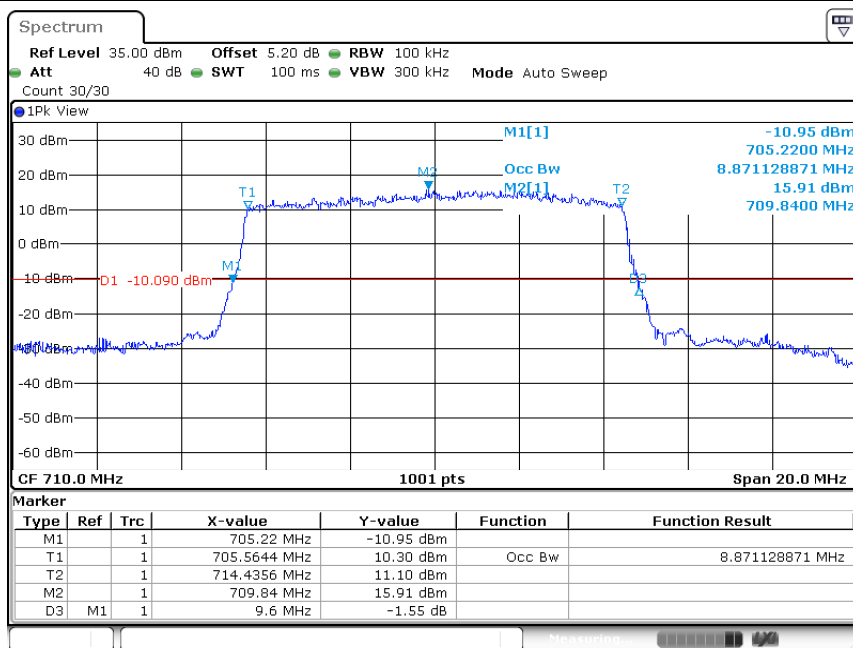


Band17-10MHz-QPSK-23780-50RB#0-8.911



Date: 28.SEP.2020 18:49:03

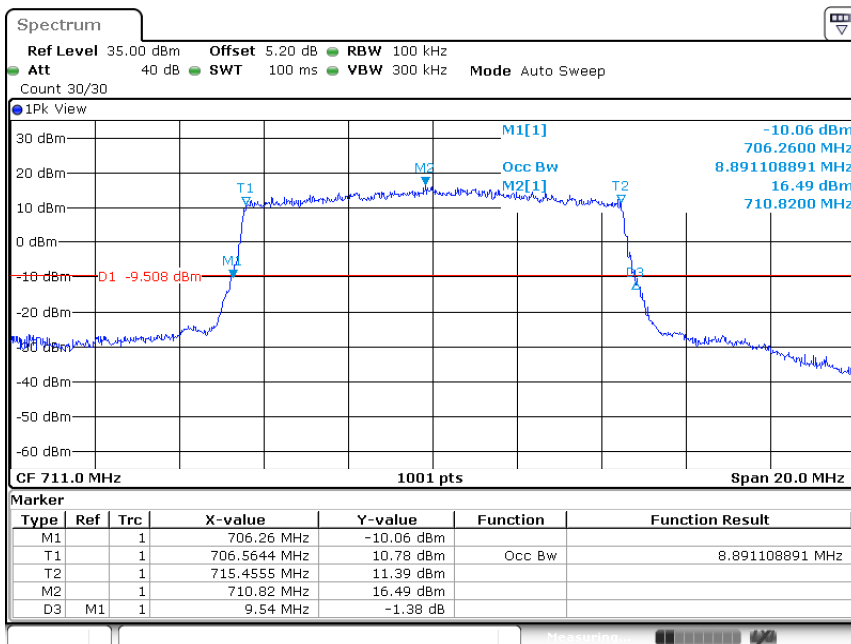
Band17-10MHz-QPSK-23790-50RB#0-8.871



Date: 28.SEP.2020 18:49:35

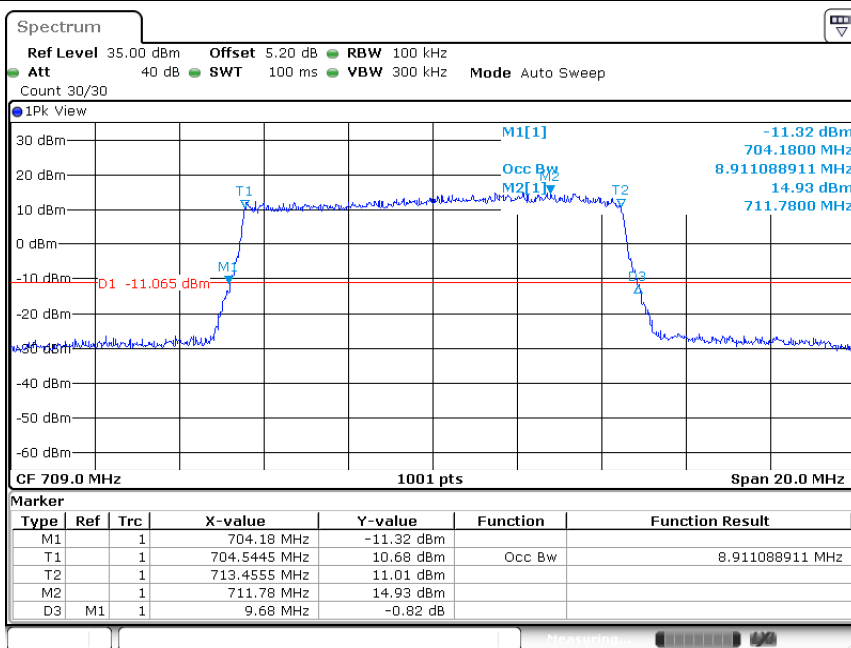


Band17-10MHz-QPSK-23800-50RB#0-8.891



Date: 28.SEP.2020 18:50:07

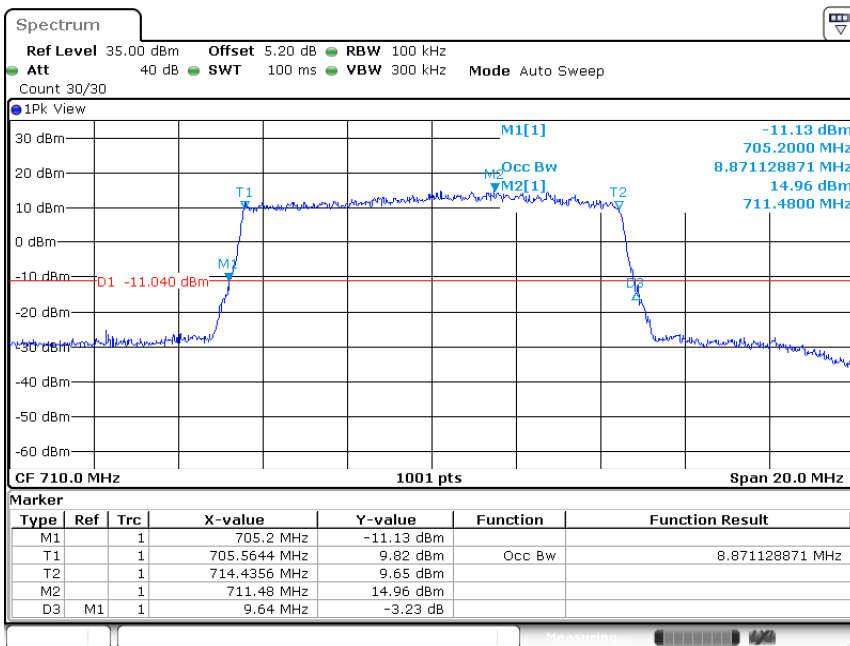
Band17-10MHz-16QAM-23780-50RB#0-8.911



Date: 28.SEP.2020 18:49:19

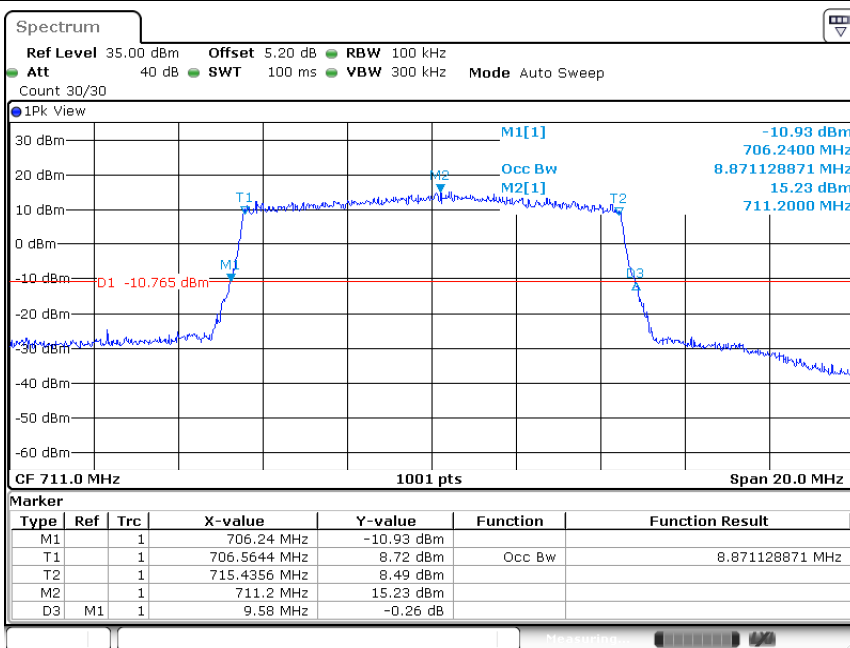


Band17-10MHz-16QAM-23790-50RB#0-8.871



Date: 28.SEP.2020 18:49:51

Band17-10MHz-16QAM-23800-50RB#0-8.871

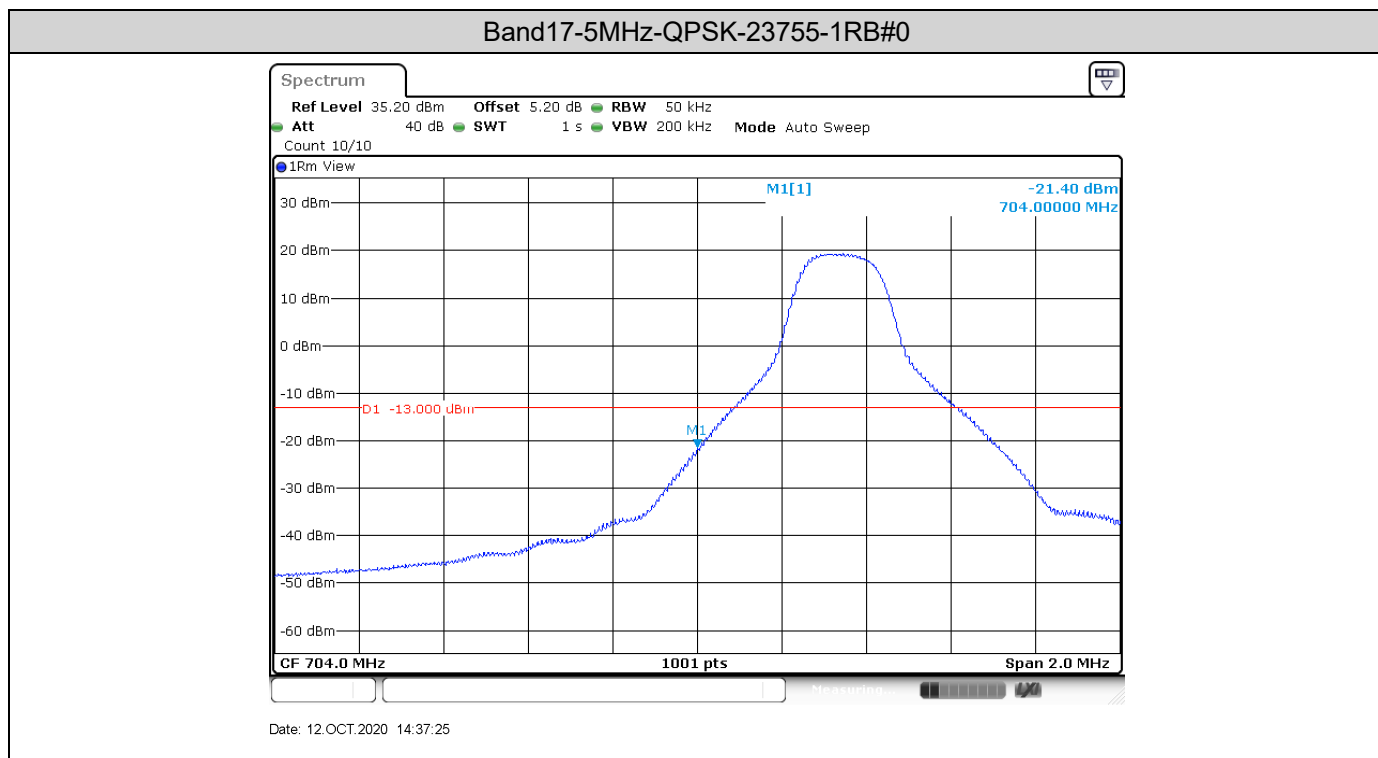


Date: 28.SEP.2020 18:50:22

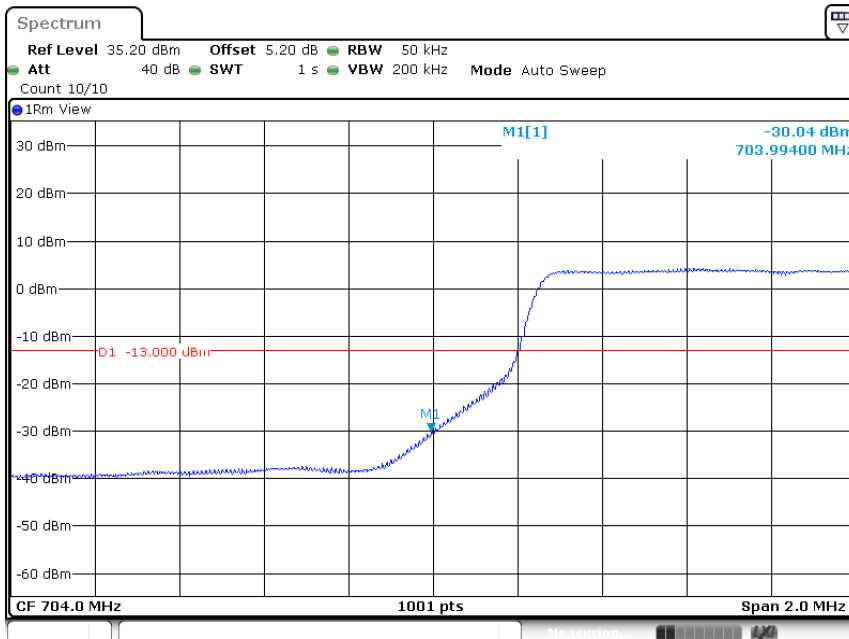


5. Band Edge Compliance

5.1. Test Plots

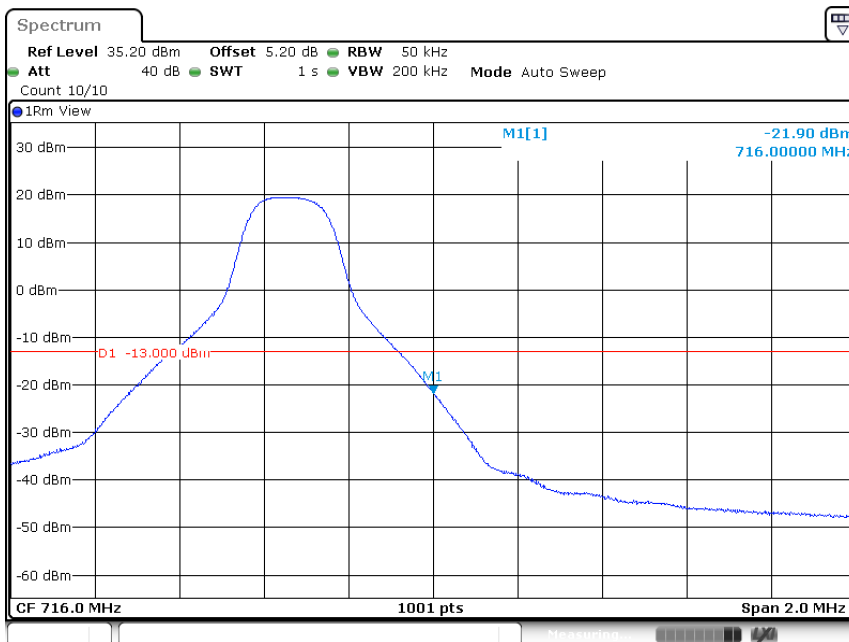


Band17-5MHz-QPSK-23755-25RB#0



Date: 12.OCT.2020 14:38:06

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

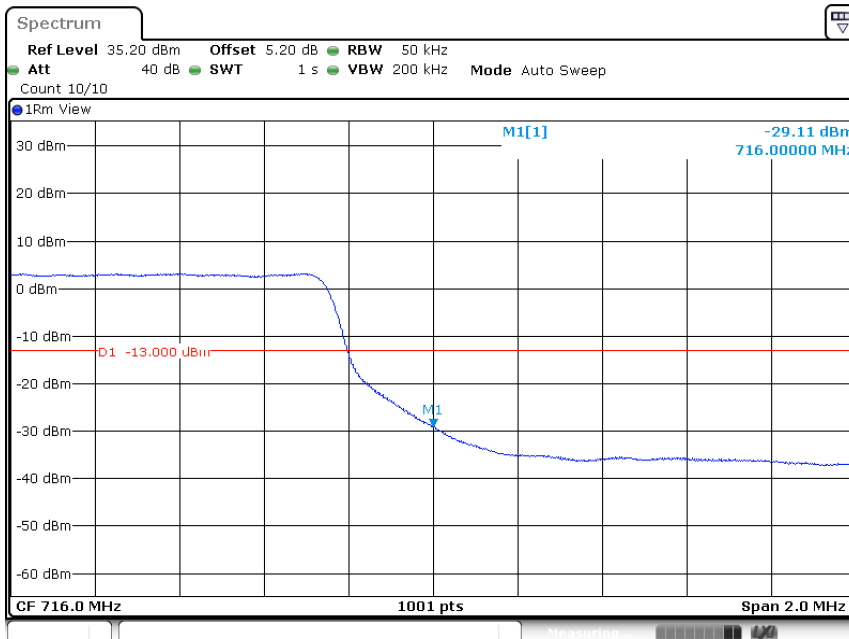


Date: 12.OCT.2020 14:38:51



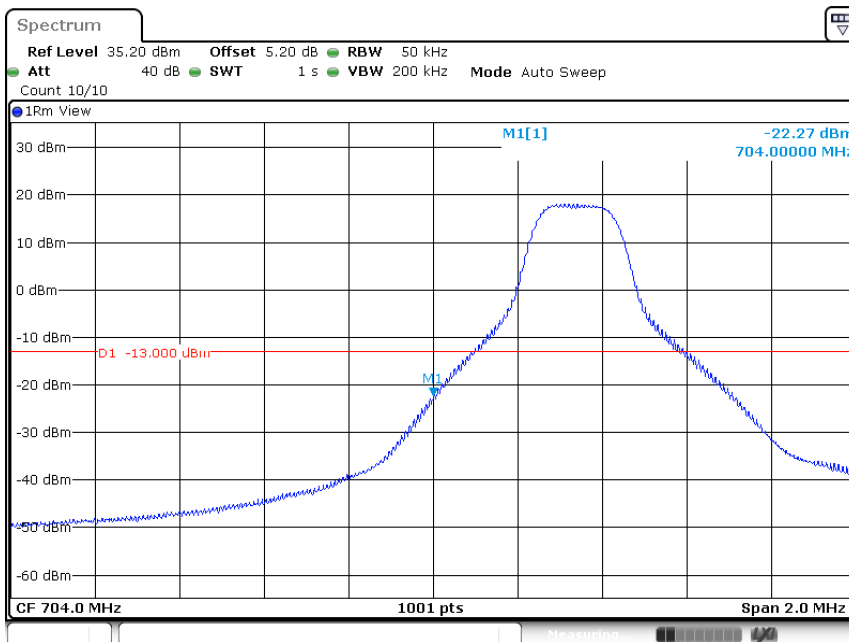


Band17-5MHz-QPSK-23825-25RB#0



Date: 12.OCT.2020 14:39:32

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



Date: 12.OCT.2020 14:37:45

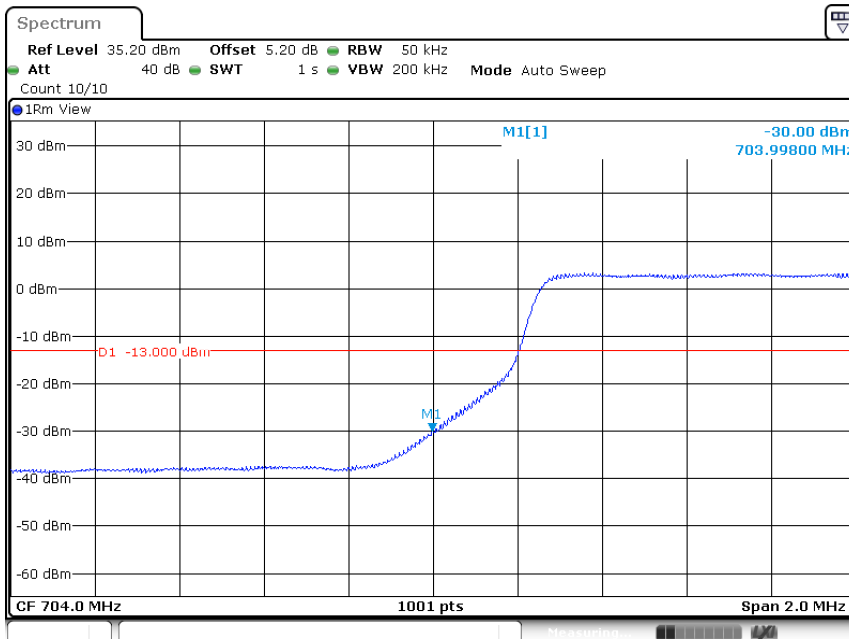


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMAA) Calibration Laboratory

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

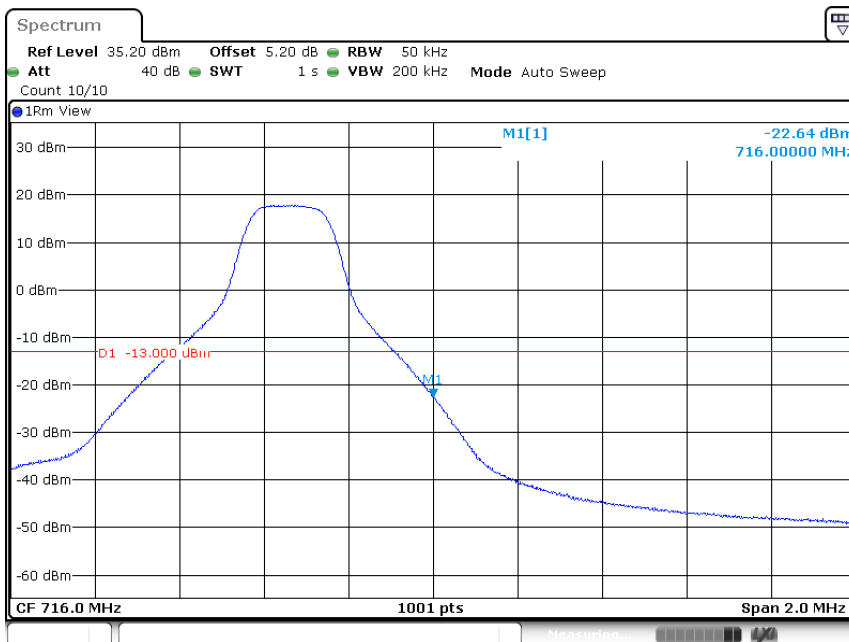


Band17-5MHz-16QAM-23755-25RB#0



Date: 12.OCT.2020 14:38:26

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



Date: 12.OCT.2020 14:39:11

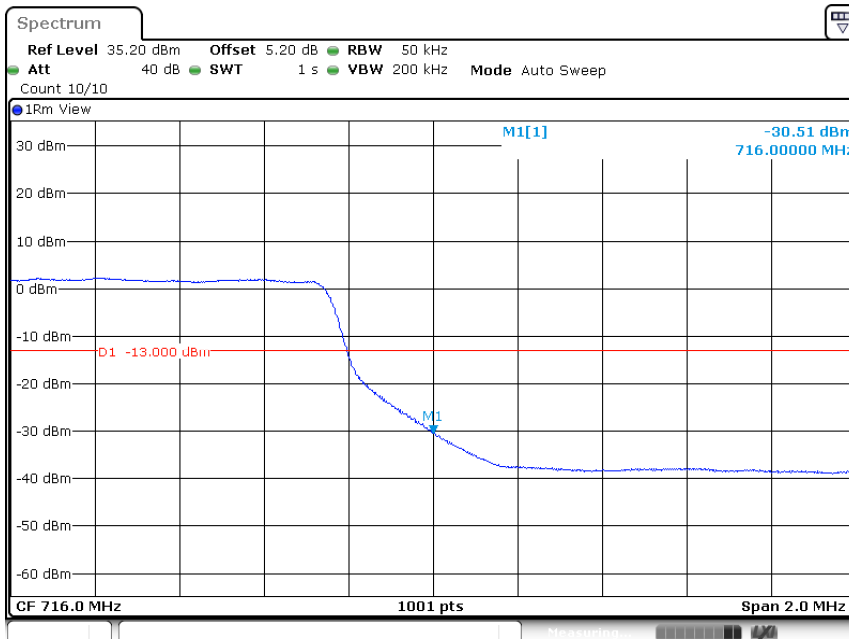


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMAA Laboratory)

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

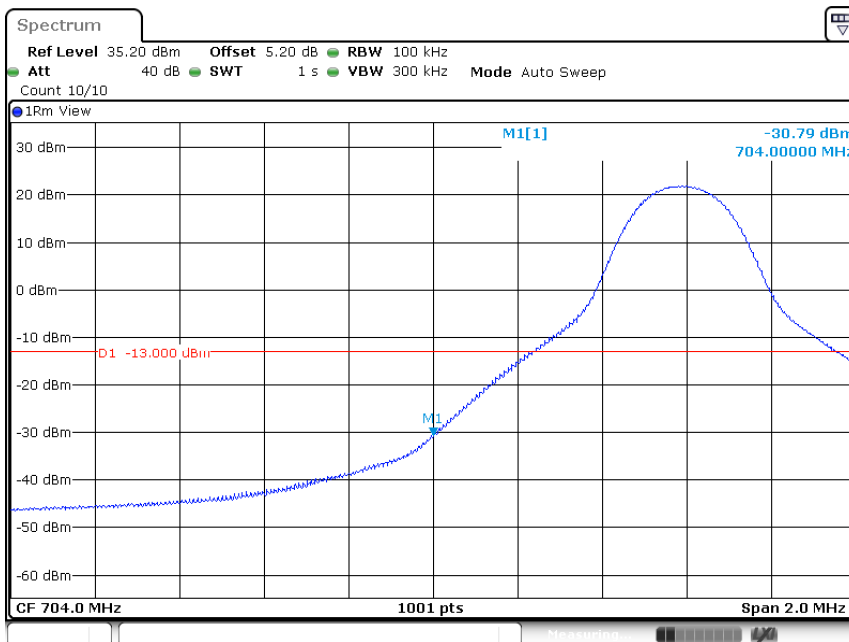


Band17-5MHz-16QAM-23825-25RB#0



Date: 12.OCT.2020 14:39:52

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



Date: 12.OCT.2020 14:40:17



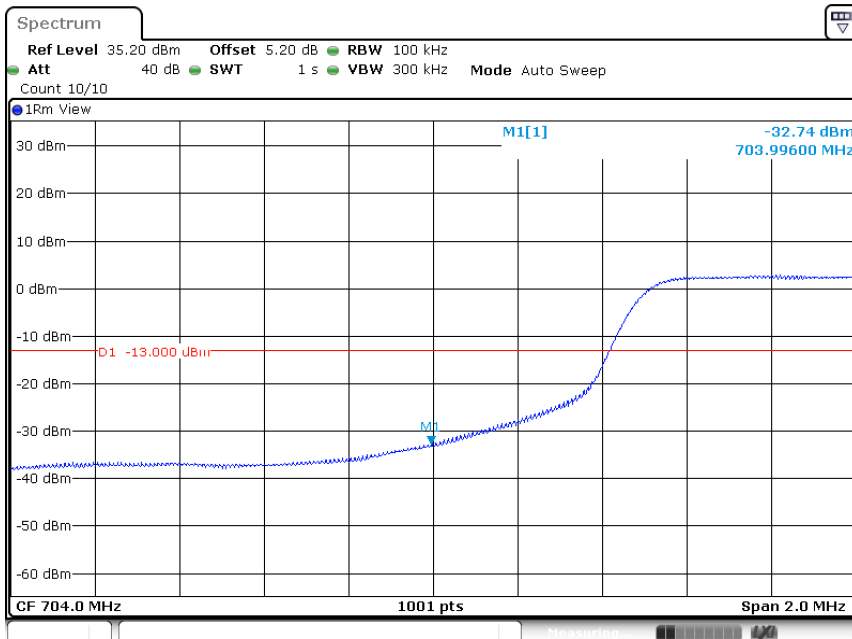
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMAA Laboratory)

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

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

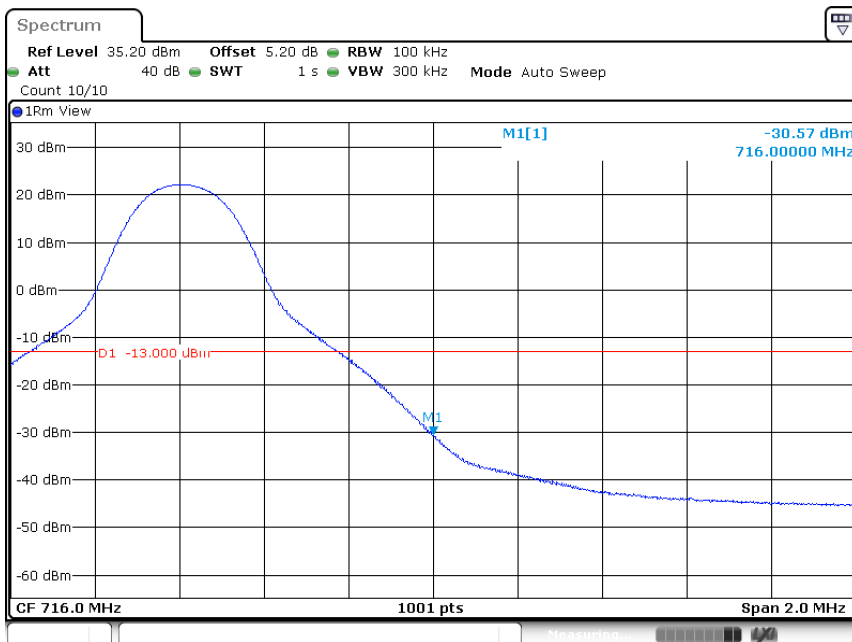
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 12.OCT.2020 14:40:58

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

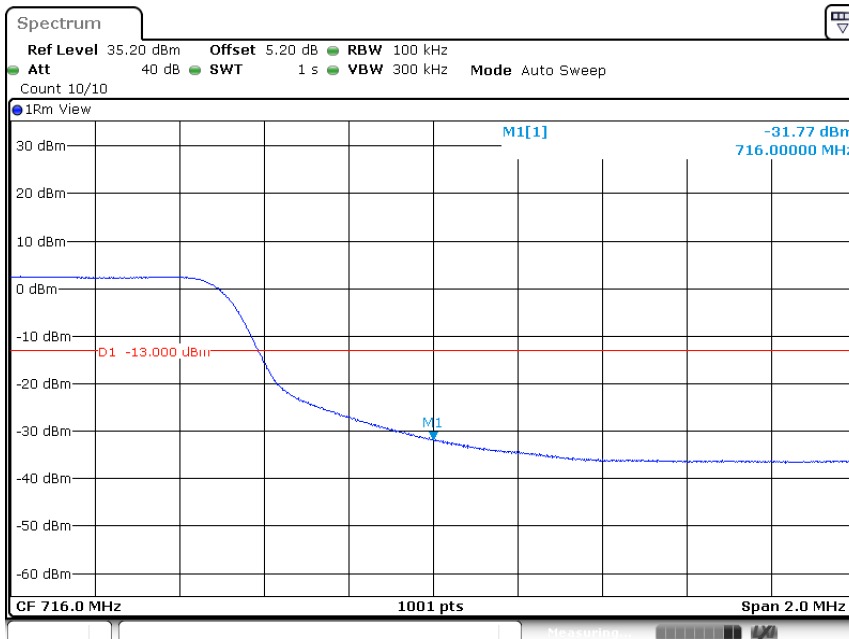


Date: 12.OCT.2020 14:41:43



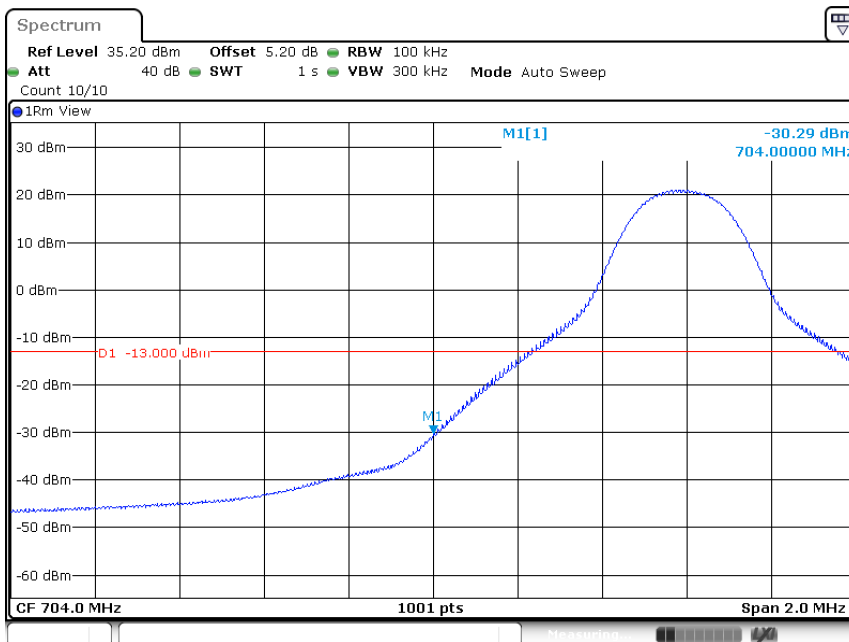


Band17-10MHz-QPSK-23800-50RB#0



Date: 12.OCT.2020 14:42:24

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



Date: 12.OCT.2020 14:40:38



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

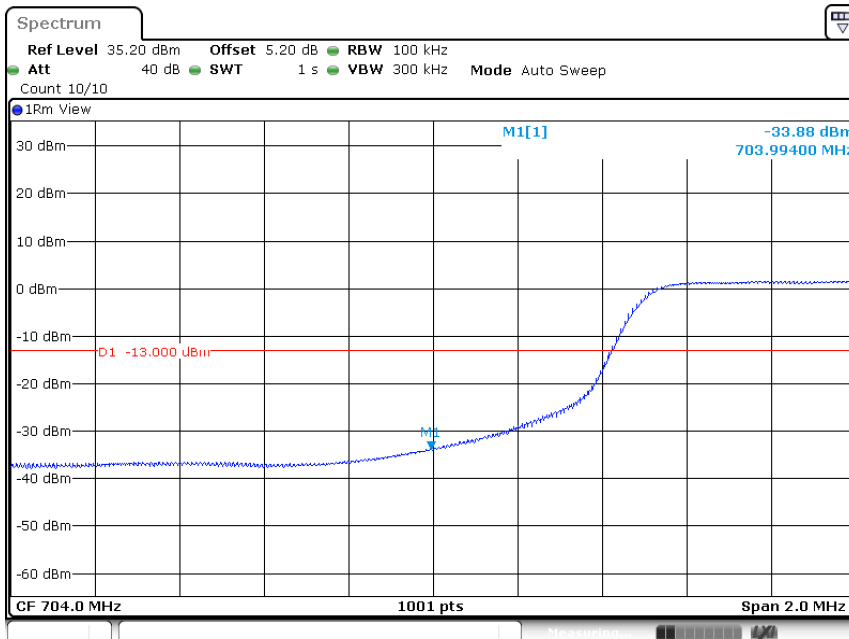
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

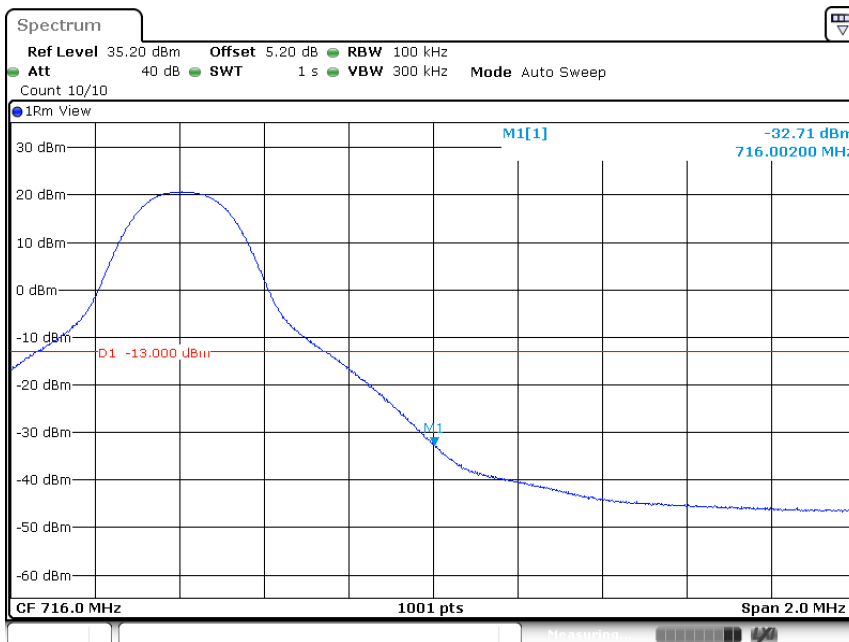


Band17-10MHz-16QAM-23780-50RB#0



Date: 12.OCT.2020 14:41:19

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



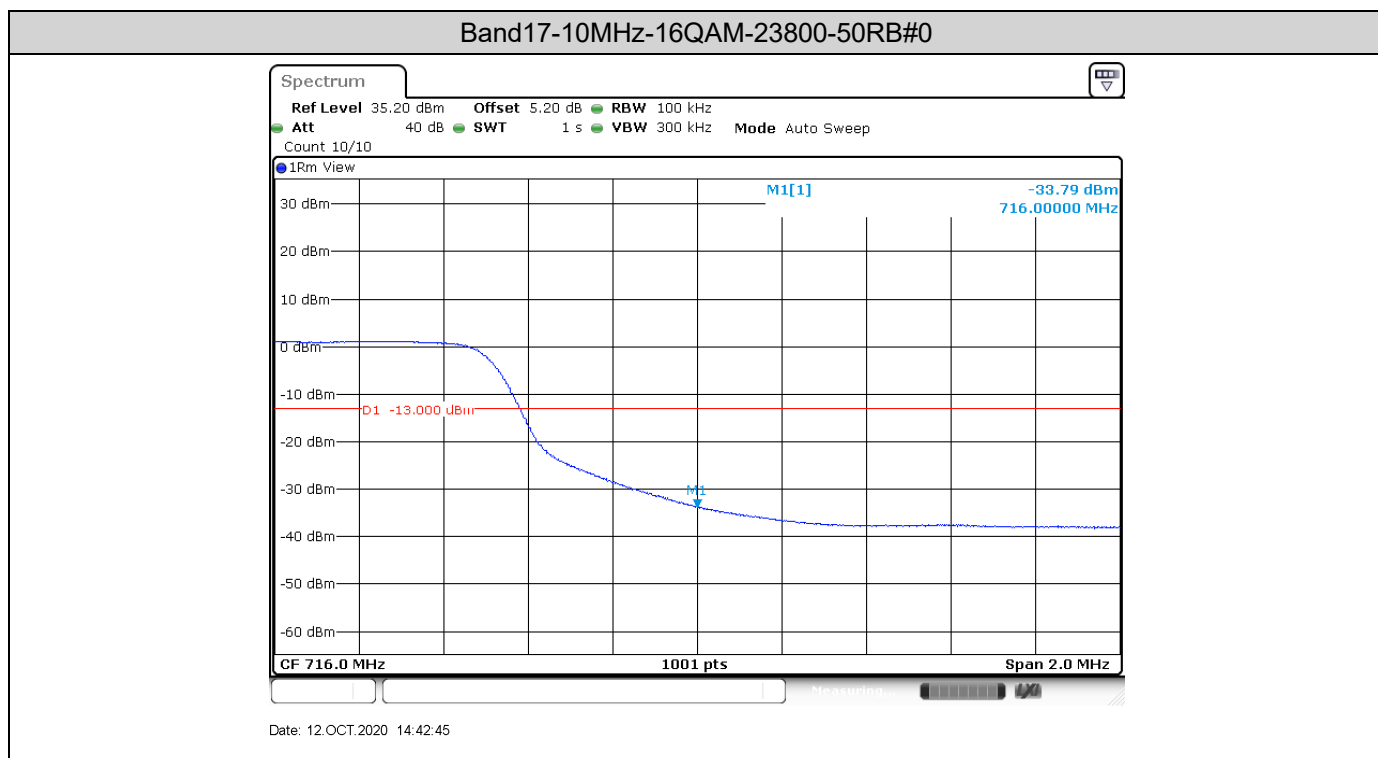
Date: 12.OCT.2020 14:42:04



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

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

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

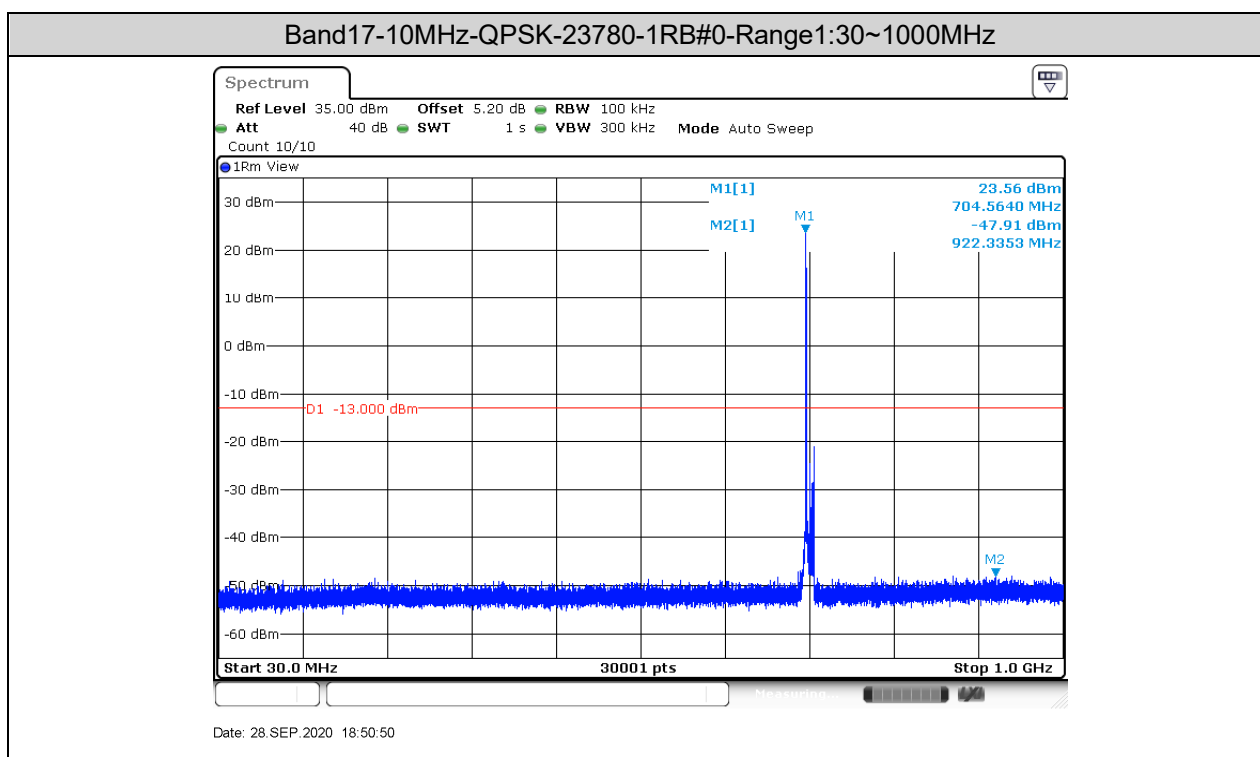


6. Spurious Emission at Antenna Terminal

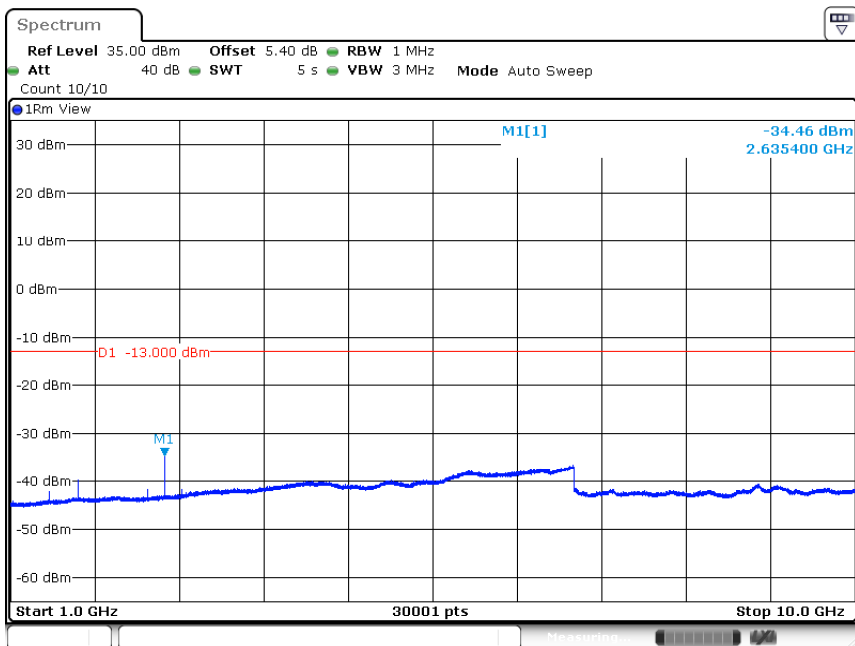
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

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

6.1. Test Plots

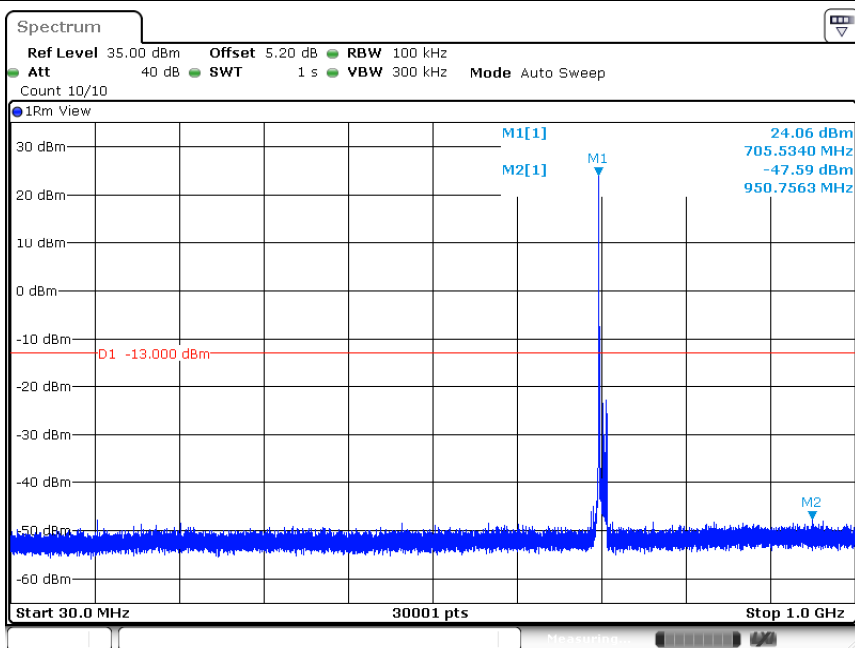


Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



Date: 28.SEP.2020 18:51:58

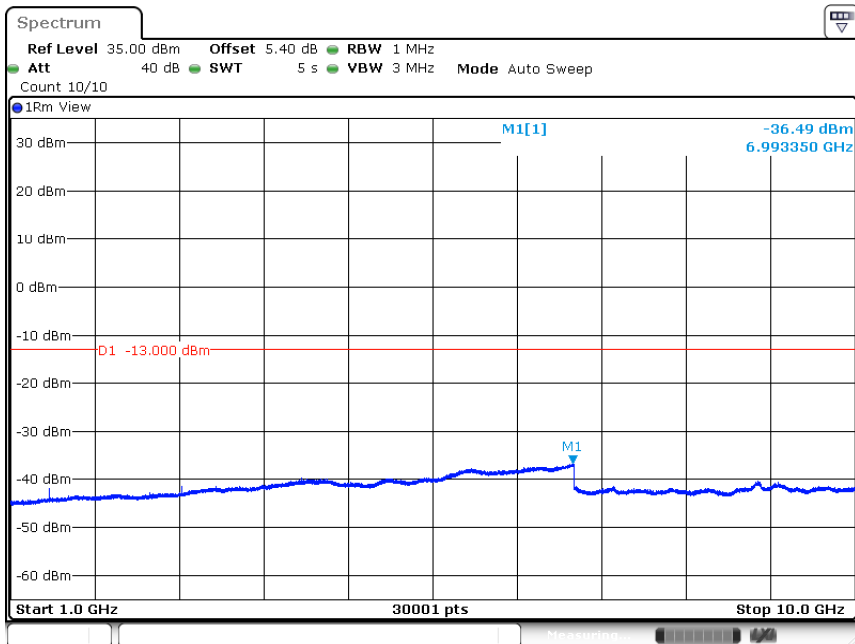
Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



Date: 28.SEP.2020 18:53:51

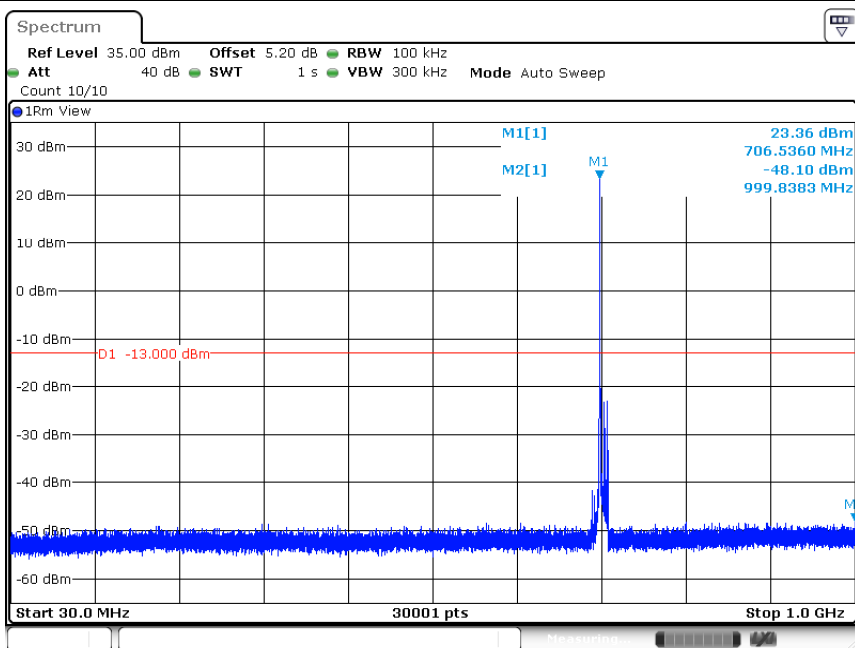


Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



Date: 28.SEP.2020 18:55:00

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



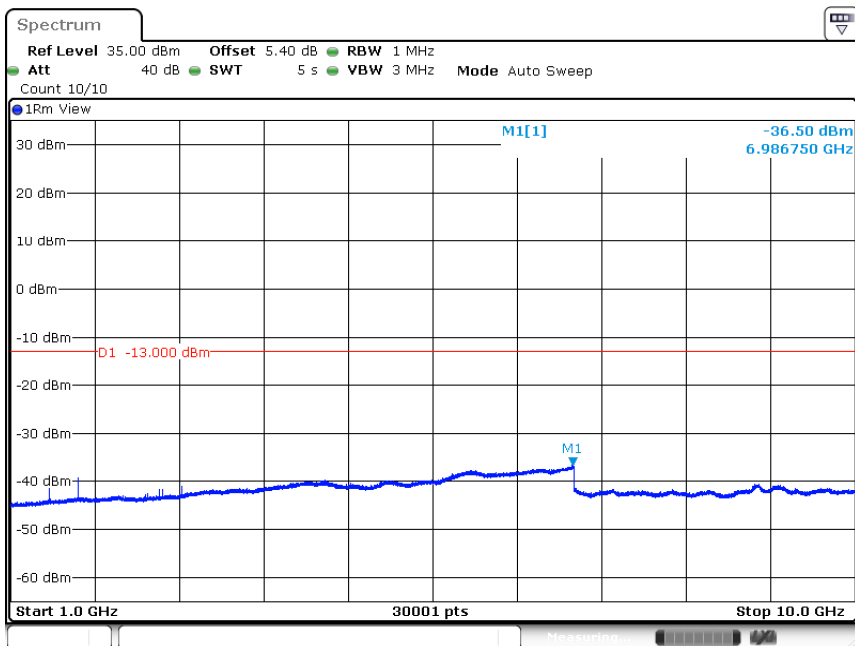
Date: 28.SEP.2020 18:56:54



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

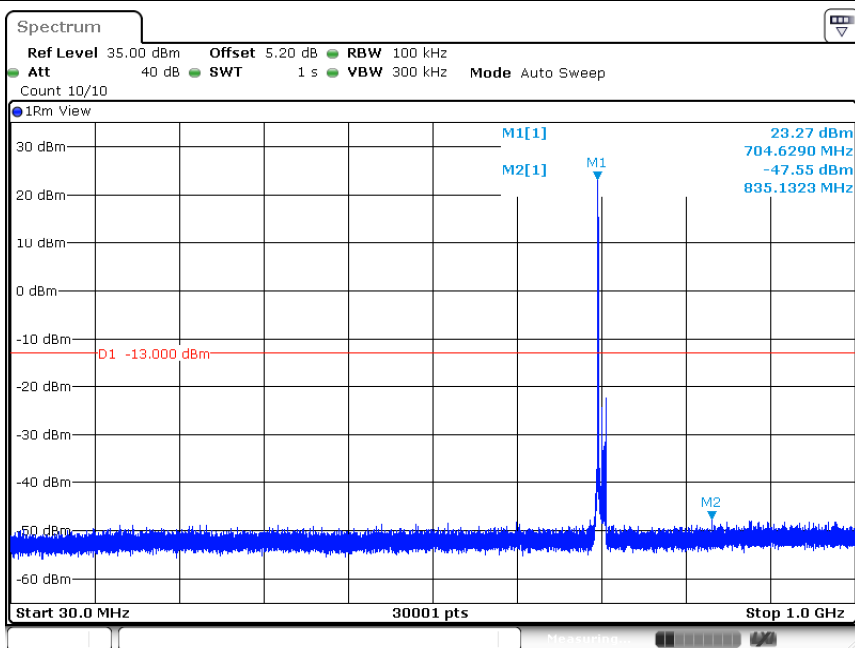
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 28.SEP.2020 18:58:02

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



Date: 28.SEP.2020 18:52:20



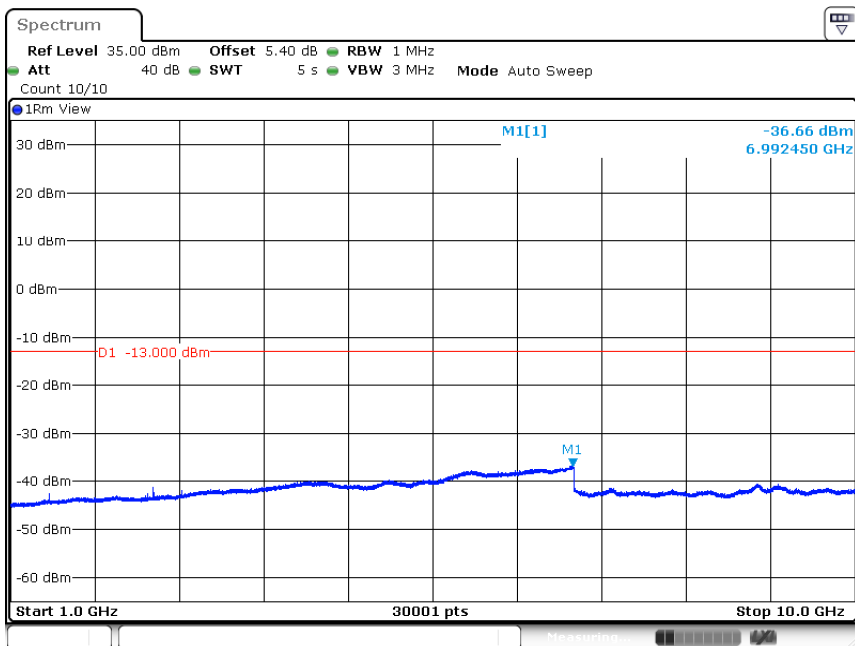
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CCC Laboratory)

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

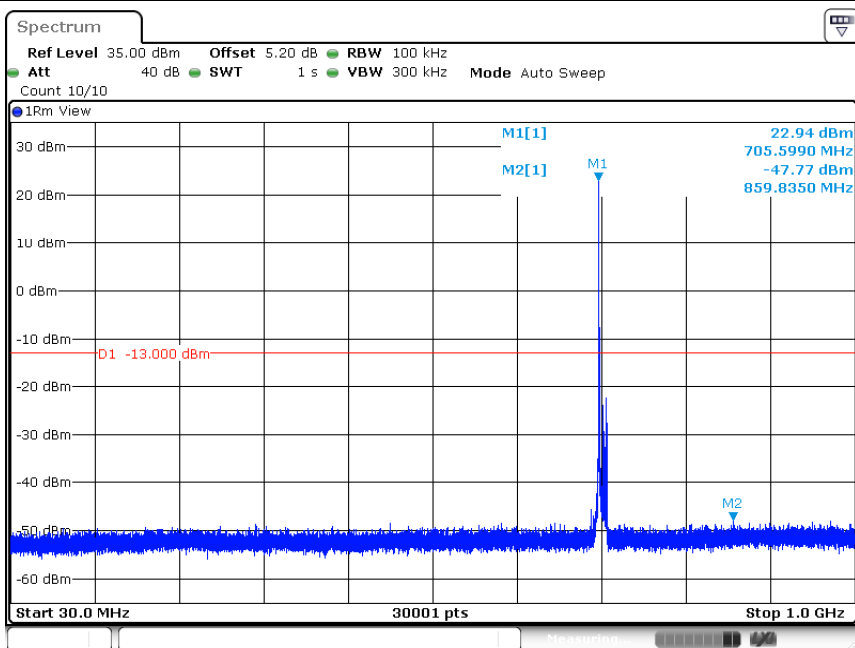
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 28.SEP.2020 18:53:29

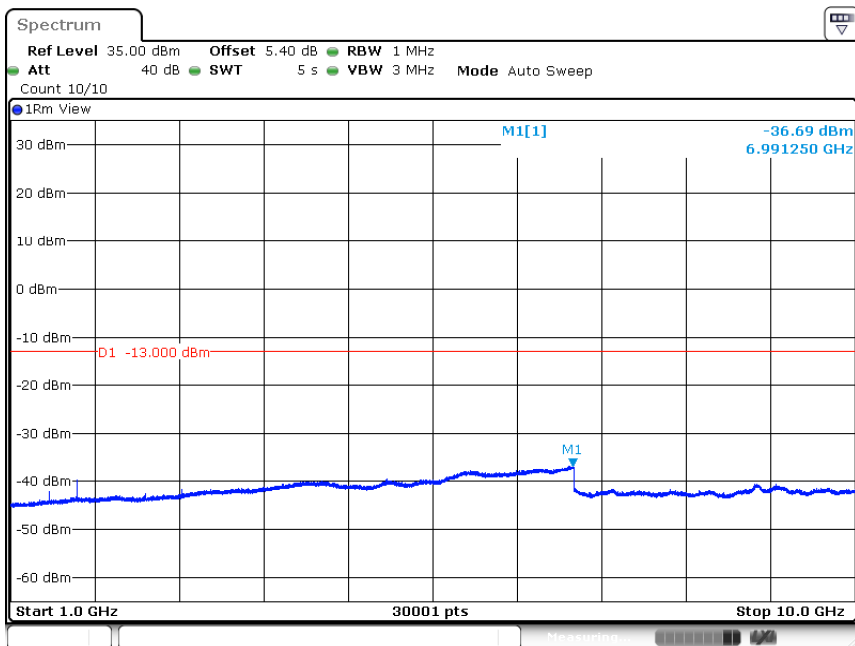
Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



Date: 28.SEP.2020 18:55:22

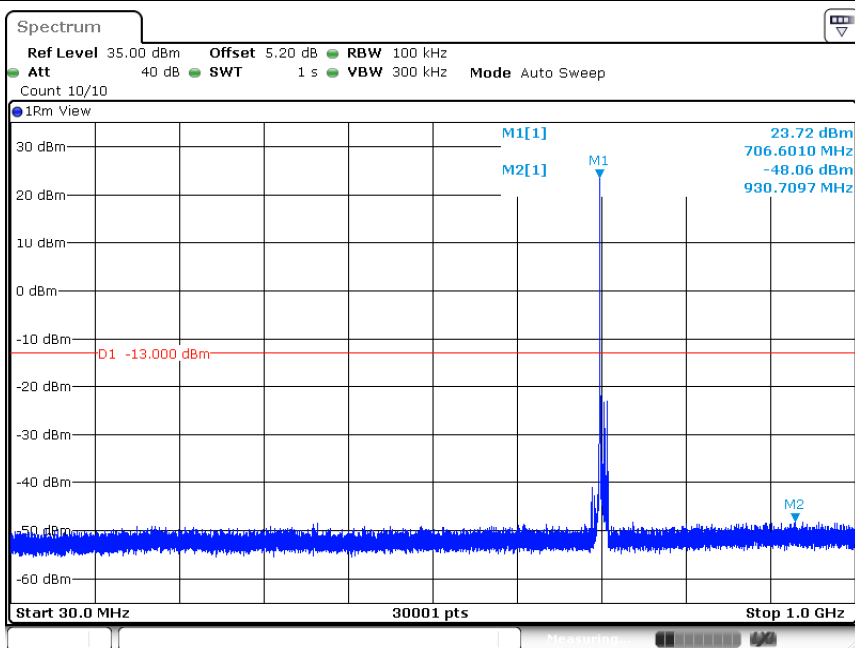


Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Date: 28.SEP.2020 18:56:31

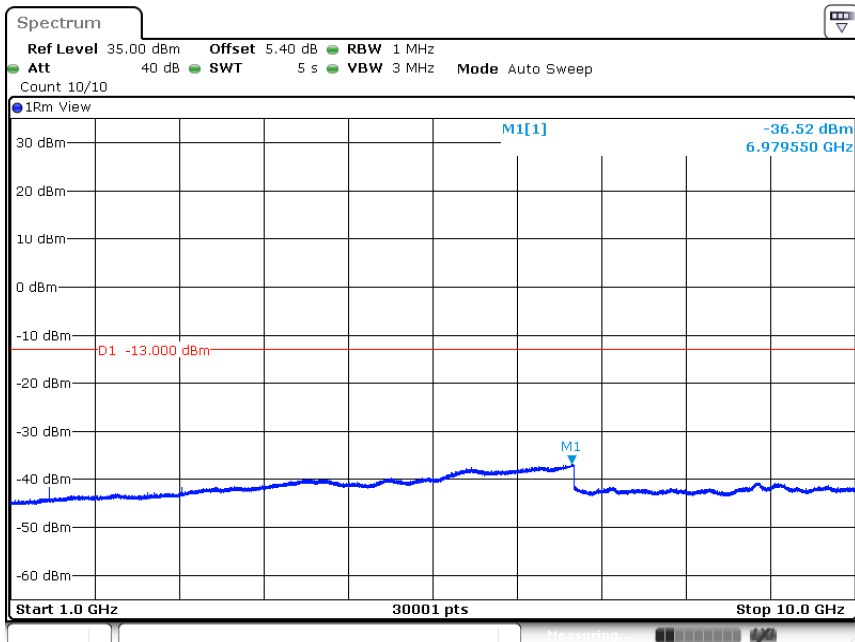
Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Date: 28.SEP.2020 18:58:24



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



Date: 28.SEP.2020 18:59:33





7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.6305	-73.34	-13.00	60.34	Vertical
110.4655	-65.07	-13.00	52.07	Vertical
1408.8818	-53.49	-13.00	40.49	Vertical
2818.7638	-52.13	-13.00	39.13	Vertical
3522.7809	-60.69	-13.00	47.69	Vertical
9326.2931	-52.52	-13.00	39.52	Vertical
44.7447	-64.37	-13.00	51.37	Horizontal
229.7815	-68.66	-13.00	55.66	Horizontal
1408.8818	-49.29	-13.00	36.29	Horizontal
2113.8228	-59.99	-13.00	46.99	Horizontal
2818.3637	-51.33	-13.00	38.33	Horizontal
3523.0609	-59.46	-13.00	46.46	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.6006	-75.42	-13.00	62.42	Vertical
109.9805	-64.78	-13.00	51.78	Vertical
438.8269	-66.99	-13.00	53.99	Vertical
1410.8822	-55.10	-13.00	42.10	Vertical
2822.3645	-50.58	-13.00	37.58	Vertical
3528.1011	-59.37	-13.00	46.37	Vertical
45.7148	-63.84	-13.00	50.84	Horizontal
88.0089	-75.94	-13.00	62.94	Horizontal
241.7616	-68.43	-13.00	55.43	Horizontal
1411.2823	-49.36	-13.00	36.36	Horizontal
2822.3645	-49.87	-13.00	36.87	Horizontal
3528.1011	-59.31	-13.00	46.31	Horizontal



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

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

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

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



7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.3880	-74.50	-13.00	61.50	Vertical
109.9320	-64.38	-13.00	51.38	Vertical
444.0652	-67.86	-13.00	54.86	Vertical
1412.8826	-53.69	-13.00	40.69	Vertical
2826.3653	-49.85	-13.00	36.85	Vertical
3532.8613	-61.34	-13.00	48.34	Vertical
44.6962	-64.36	-13.00	51.36	Horizontal
103.4812	-75.64	-13.00	62.64	Horizontal
235.6018	-68.97	-13.00	55.97	Horizontal
1412.8826	-48.34	-13.00	35.34	Horizontal
2826.3653	-48.29	-13.00	35.29	Horizontal
3533.1413	-60.14	-13.00	47.14	Horizontal

Remark:

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





8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	3.90	0.005501	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	5.50	0.007757	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	2.20	0.003103	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	1.60	0.002254	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	2.50	0.003521	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	2.40	0.003380	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-0.20	-0.000281	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	2.20	0.003094	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	2.80	0.003949	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	1.00	0.001410	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	1.30	0.001834	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	0.60	0.000845	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	1.70	0.002394	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	3.00	0.004225	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-0.50	-0.000703	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-1.10	-0.001547	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	0.60	0.000844	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	0.20	0.000282	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	1.10	0.001551	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	2.00	0.002821	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-1.10	-0.001551	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-1.40	-0.001975	±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	30	0.10	0.000141	±2.5	PASS



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

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



Band17	10MHz	QPSK	23780	50RB#0	NV	40	-0.40	-0.000564	±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	-1.50	-0.002113	±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	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-0.50	-0.000704	±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	1.40	0.001972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	1.90	0.002676	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	1.10	0.001549	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-1.90	-0.002672	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-0.80	-0.001125	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	0.50	0.000703	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-1.40	-0.001969	±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	20	1.00	0.001406	±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	0.80	0.001125	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-0.60	-0.000844	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	2.00	0.002821	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	2.00	0.002821	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	0.40	0.000564	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	1.10	0.001551	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-0.80	-0.001128	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	1.50	0.002116	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	0.40	0.000564	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	0.50	0.000705	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	0.70	0.000986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	0.70	0.000986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	2.30	0.003239	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	3.30	0.004648	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	0.90	0.001268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	1.00	0.001408	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	1.90	0.002676	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	4.60	0.006479	±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 (CSTC) Laboratory

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



Band17	10MHz	16QAM	23790	50RB#0	NV	50	1.60	0.002254	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	1.00	0.001406	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-0.20	-0.000281	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	0.80	0.001125	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-2.00	-0.002813	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	1.90	0.002672	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	0.50	0.000703	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-0.50	-0.000703	±2.5	PASS

The End

