



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
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).....12

2.1. TEST RESULT.....12

2.2. TEST PLOTS13

3. MODULATION CHARACTERISTICS18

3.1. TEST MODE = LTE /TM1 10MHZ18

3.1.1. TEST CHANNEL = MCH18

3.2. TEST MODE = LTE /TM2 10MHZ19

3.2.1. TEST CHANNEL = MCH19

3.3. TEST MODE = LTE /TM3 10MHZ20

3.3.1. TEST CHANNEL = MCH20

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH21

4.1. TEST RESULT.....21

4.2. TEST PLOTS22

5. BAND EDGE COMPLIANCE31

5.1. TEST PLOTS31

6. SPURIOUS EMISSION AT ANTENNA TERMINAL44

6.1. TEST PLOTS44

7. FIELD STRENGTH OF SPURIOUS RADIATION.....54

7.1. Test Band = LTE_17_TM1 CONFIG 0 54

7.1.1. Test Channel = Low Channel 54

7.2. Test Band = LTE_17_TM1 CONFIG 0 55

7.2.1. Test Channel = Low Channel 55

7.3. Test Band = LTE_17_TM1 CONFIG 0 56

7.3.1. Test Channel = Mid Channel 56

7.4. Test Band = LTE_17_TM1 CONFIG 0 57

7.4.1. Test Channel = Mid Channel 57

7.5. Test Band = LTE_17_TM1 CONFIG 0 58

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

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



7.6.	Test Band = LTE_17_TM1 CONFIG 0	59
7.6.1.	Test Channel = High Channel	59
7.7.	Test Band = LTE_17_TM1 CONFIG 1	60
7.7.1.	Test Channel = Low Channel	60
7.8.	Test Band = LTE_17_TM1 CONFIG 1	61
7.8.1.	Test Channel = Low Channel	61
7.9.	Test Band = LTE_17_TM1 CONFIG 1	62
7.9.1.	Test Channel = Mid Channel	62
7.10.	Test Band = LTE_17_TM1 CONFIG 1	63
7.10.1.	Test Channel = Mid Channel	63
7.11.	Test Band = LTE_17_TM1 CONFIG 1	64
7.11.1.	Test Channel = High Channel	64
7.12.	Test Band = LTE_17_TM1 CONFIG 1	65
7.12.1.	Test Channel = High Channel	65
8.	FREQUENCY STABILITY.....	66
8.1.	FREQUENCY VS VOLTAGE.....	66
8.2.	FREQUENCY VS TEMPERATURE	67



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.

1 Effective (Isotropic) Radiated Power

1.1. Test Result

CONFIG 0:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.98	13.63	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.05	13.70	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.98	13.63	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.07	12.72	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.11	12.76	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.02	12.67	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.02	12.67	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.86	13.51	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.00	13.65	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.13	13.78	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.01	12.66	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.05	12.70	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.01	12.66	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.11	12.76	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.93	13.58	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.25	13.90	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.01	13.66	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.14	12.79	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.16	12.81	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.24	12.89	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.10	12.75	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.47	13.12	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.45	13.10	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.20	12.85	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.11	11.76	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.08	11.73	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.08	11.73	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.06	11.71	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.21	12.86	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.87	12.52	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.05	12.70	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



Band17	5MHz	16QAM	23790	12RB#0	21.99	11.64	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.15	11.80	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.01	11.66	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.04	11.69	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.35	13.00	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.21	12.86	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.96	12.61	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.07	11.72	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.06	11.71	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	22.02	11.67	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.16	11.81	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	22.45	12.10	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	22.40	12.05	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	22.16	11.81	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#0	21.08	10.73	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#6	21.07	10.72	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#13	21.03	10.68	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	21.01	10.66	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	22.19	11.84	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.84	11.49	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	22.05	11.70	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#0	20.98	10.63	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#6	21.10	10.75	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#13	20.99	10.64	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	21.02	10.67	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	22.33	11.98	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	22.18	11.83	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.95	11.60	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#0	21.07	10.72	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#6	21.01	10.66	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#13	21.00	10.65	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	21.11	10.76	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.93	13.58	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.04	13.69	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.87	13.52	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.06	12.71	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.14	12.79	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.09	12.74	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	10MHz	QPSK	23780	50RB#0	23.23	12.88	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.07	13.72	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.10	13.75	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.15	13.80	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.08	12.73	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.27	12.92	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.21	12.86	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.20	12.85	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.07	13.72	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.95	13.60	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.13	13.78	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.17	12.82	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.14	12.79	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.26	12.91	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.21	12.86	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.01	12.66	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.36	13.01	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.90	12.55	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.16	11.81	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.28	11.93	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.24	11.89	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.30	11.95	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.39	13.04	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.16	12.81	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.30	12.95	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.07	11.72	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.11	11.76	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.12	11.77	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.15	11.80	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.91	12.56	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.32	12.97	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.09	12.74	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.13	11.78	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.33	11.98	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.20	11.85	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.25	11.90	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.96	11.61	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	22.35	12.00	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	10MHz	64QAM	23780	1RB#49	21.85	11.50	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#0	21.14	10.79	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#12	21.28	10.93	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#25	21.20	10.85	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	21.29	10.94	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	22.38	12.03	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	22.16	11.81	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	22.30	11.95	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#0	21.03	10.68	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#12	21.06	10.71	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#25	21.10	10.75	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	21.13	10.78	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.86	11.51	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	22.30	11.95	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	22.08	11.73	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#0	21.08	10.73	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#12	21.33	10.98	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#25	21.17	10.82	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	21.22	10.87	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



CONFIG 1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.23	18.58	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.19	18.54	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.03	18.38	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.16	17.51	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.24	17.59	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.17	17.52	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.22	17.57	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.13	18.48	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.22	18.57	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.01	18.36	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.13	17.48	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.19	17.54	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.17	17.52	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.31	17.66	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.07	18.42	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.13	18.48	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.45	18.80	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.19	17.54	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.17	17.52	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.73	18.08	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.19	17.54	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.18	17.53	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.31	17.66	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.58	17.93	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.26	16.61	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.24	16.59	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.23	16.58	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.31	16.66	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.25	17.60	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.59	17.94	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.13	17.48	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.38	16.73	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.15	16.50	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.22	16.57	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.24	16.59	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 Inspection & Testing Services 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	16QAM	23825	1RB#0	23.77	18.12	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.13	17.48	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.31	17.66	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.19	16.54	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.18	16.53	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	22.10	16.45	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.15	16.50	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	22.16	16.51	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	22.29	16.64	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	22.54	16.89	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#0	21.21	15.56	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#6	21.21	15.56	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#13	21.19	15.54	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	21.30	15.65	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	22.21	16.56	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	22.55	16.90	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	22.13	16.48	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#0	21.35	15.70	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#6	21.11	15.46	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#13	21.20	15.55	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	21.19	15.54	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	22.73	17.08	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	22.11	16.46	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	22.27	16.62	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#0	21.16	15.51	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#6	21.17	15.52	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#13	21.07	15.42	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	21.11	15.46	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.04	18.39	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.14	18.49	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.26	18.61	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.22	17.57	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.26	17.61	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.21	17.56	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.31	17.66	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.19	18.54	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.06	18.41	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.28	18.63	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	10MHz	QPSK	23790	25RB#0	23.26	17.61	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.23	17.58	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.24	17.59	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.30	17.65	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.01	18.36	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.22	18.57	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.18	18.53	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.14	17.49	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.19	17.54	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.23	17.58	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.15	17.50	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.26	17.61	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.49	17.84	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.50	17.85	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.26	16.61	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.30	16.65	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.33	16.68	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.29	16.64	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.44	17.79	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.51	17.86	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.21	17.56	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.26	16.61	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.36	16.71	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.26	16.61	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.26	16.61	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.97	17.32	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.30	17.65	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.47	17.82	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.29	16.64	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.34	16.69	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.20	16.55	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.30	16.65	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	22.16	16.51	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	22.27	16.62	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	22.54	16.89	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#0	21.23	15.58	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#12	21.23	15.58	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#25	21.18	15.53	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	10MHz	64QAM	23780	50RB#0	21.31	15.66	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	22.21	16.56	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	22.55	16.90	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	22.12	16.47	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#0	21.35	15.70	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#12	21.13	15.48	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#25	21.17	15.52	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	21.24	15.59	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	22.75	17.10	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	22.13	16.48	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	22.29	16.64	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#0	21.16	15.51	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#12	21.14	15.49	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#25	21.07	15.42	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	21.11	15.46	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]



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



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	3.94	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	3.94	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	3.88	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	5.80	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	5.86	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	5.80	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.13	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.13	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.07	13	PASS

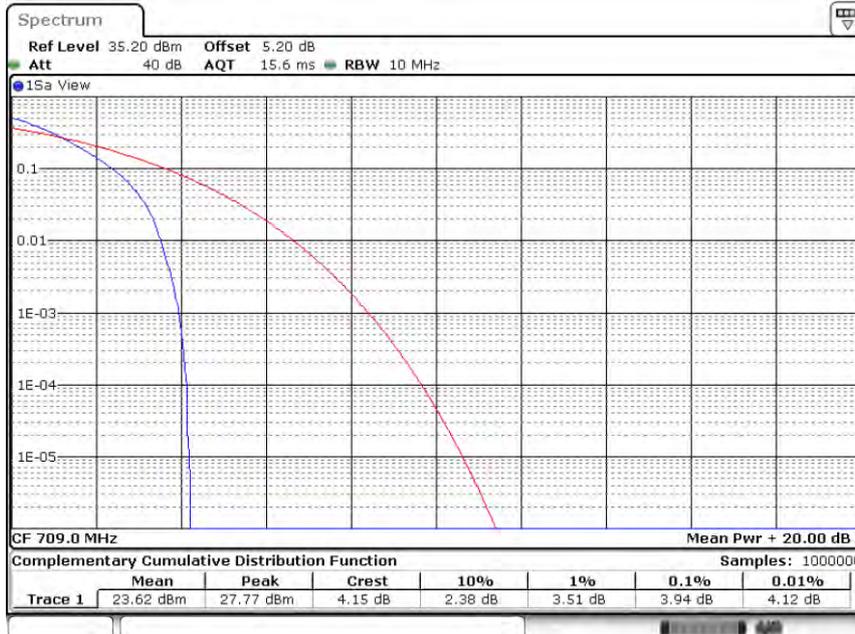


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



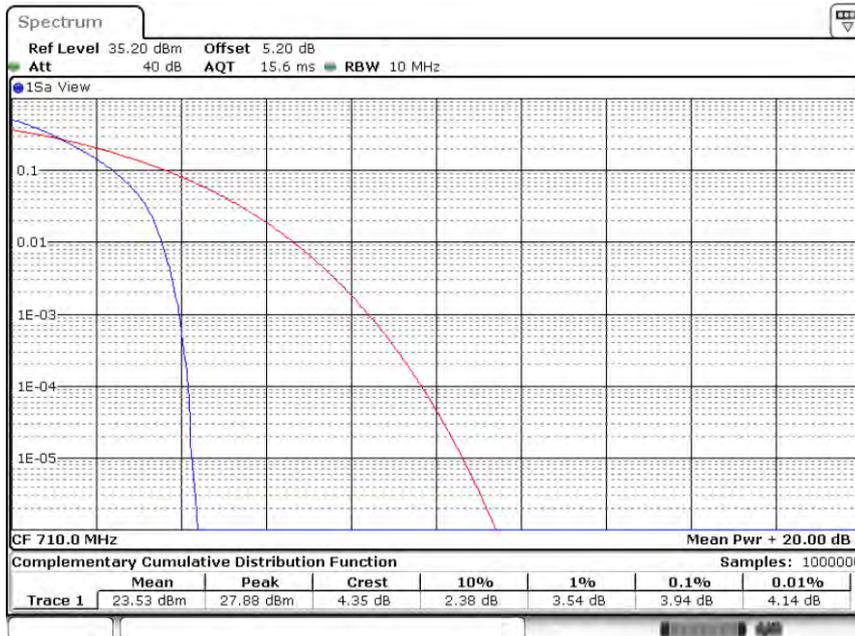
2.2. Test Plots

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



Date: 3.DEC.2020 21:27:39

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



Date: 3.DEC.2020 21:28:01



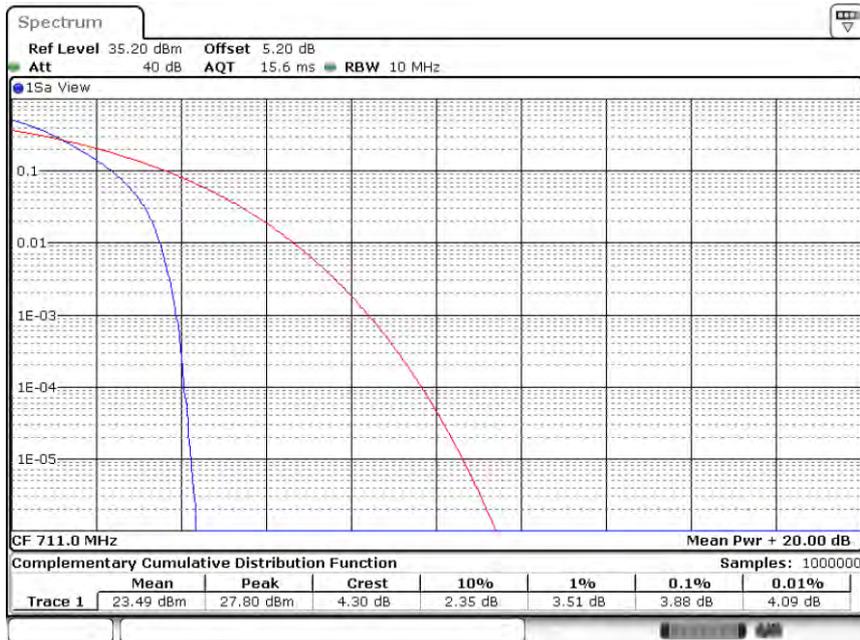
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

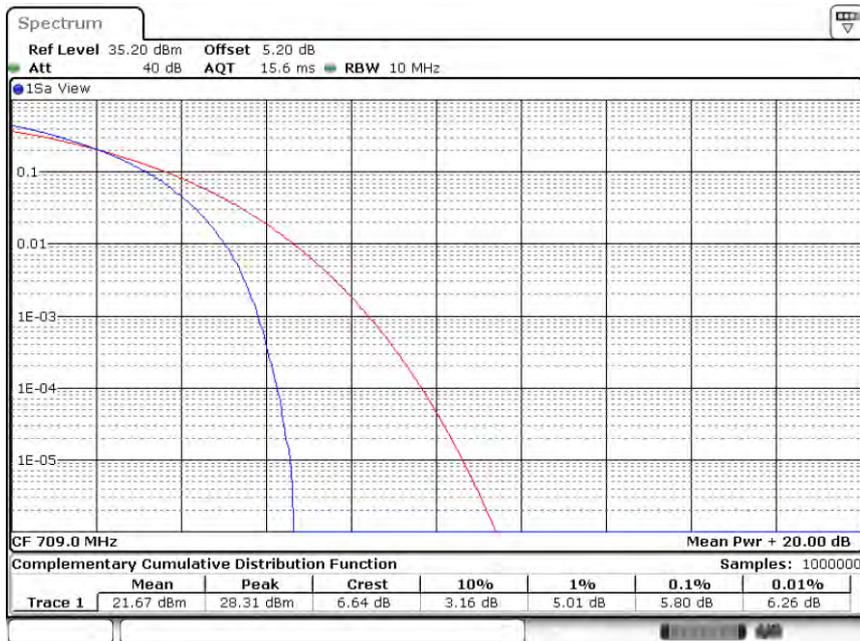
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.DEC.2020 21:28:24

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



Date: 4.DEC.2020 22:24:46

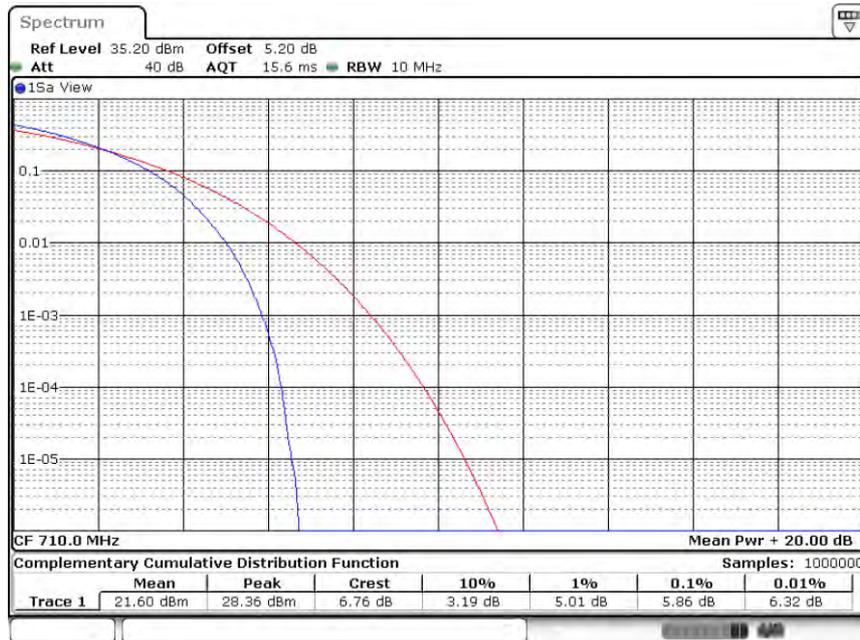


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

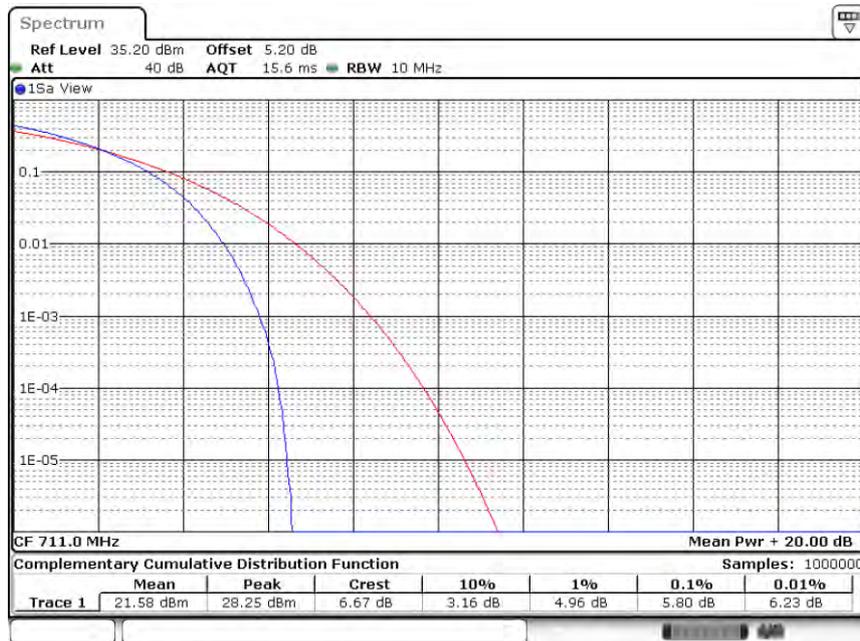


Band17-10MHz-64QAM-23790-50RB#0



Date: 4.DEC.2020 22:24:58

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



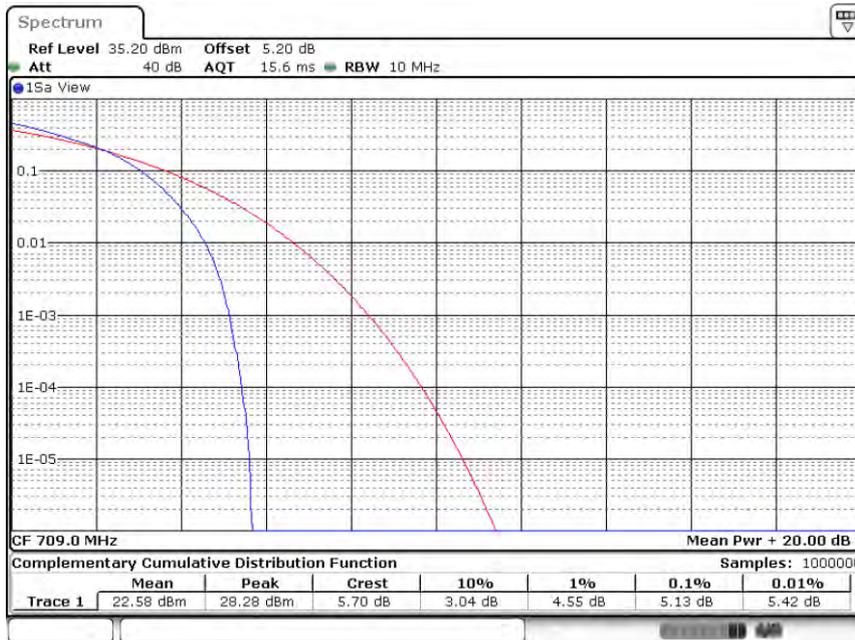
Date: 4.DEC.2020 22:25:09



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

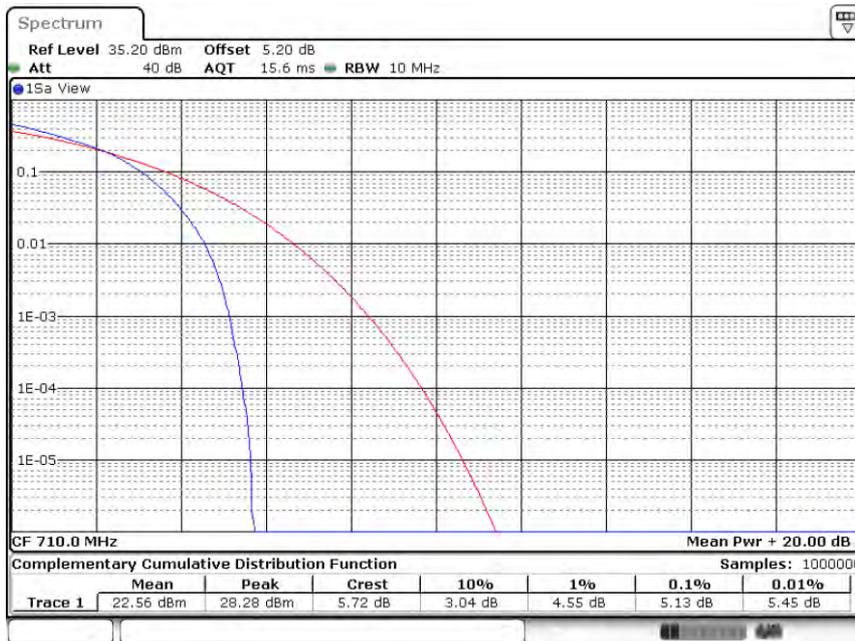
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 3.DEC.2020 21:27:50

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



Date: 3.DEC.2020 21:28:12

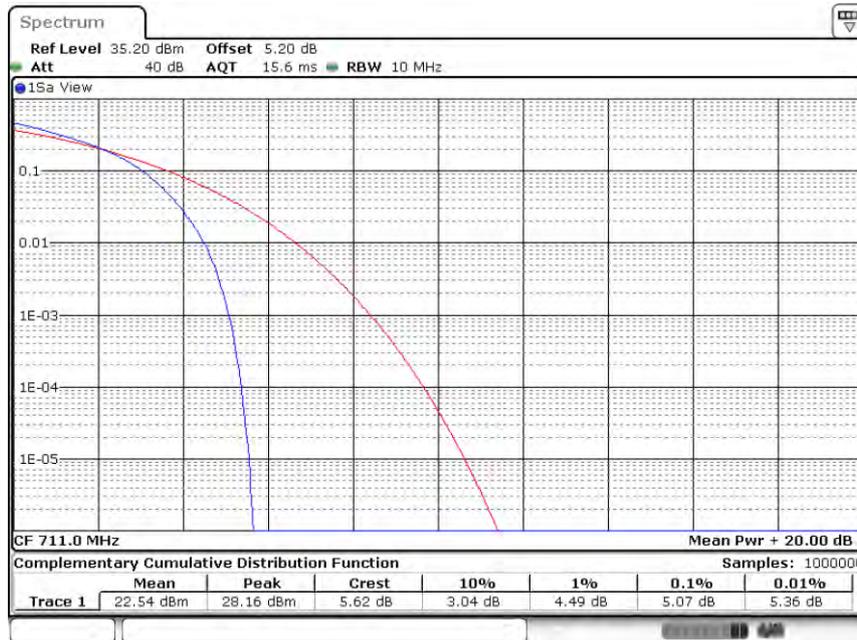


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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-23800-50RB#0



Date: 3.DEC.2020 21:28:35



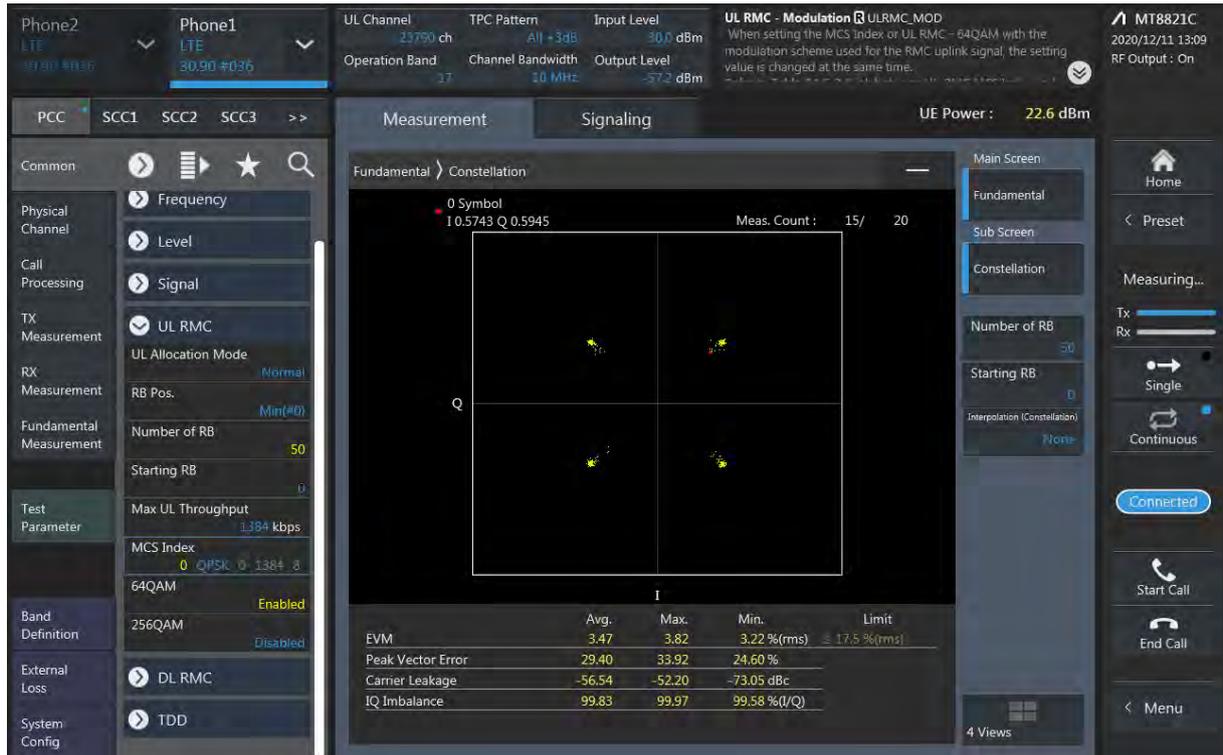
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

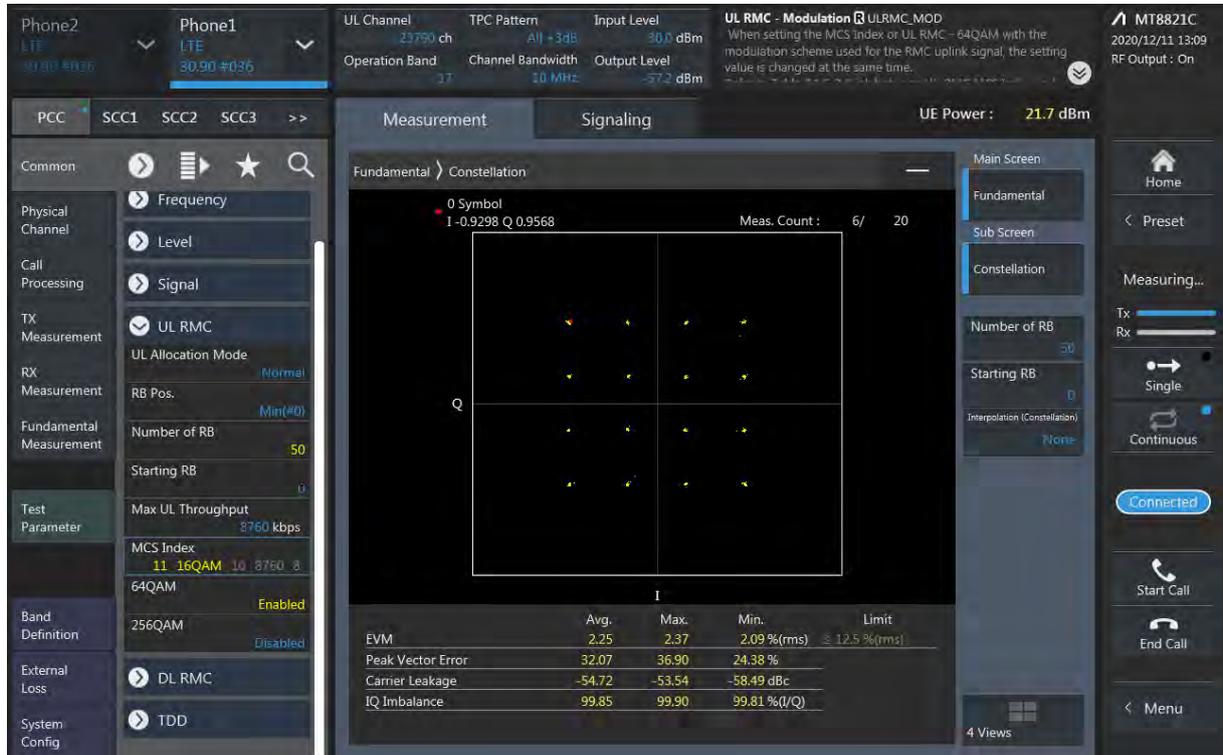


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH

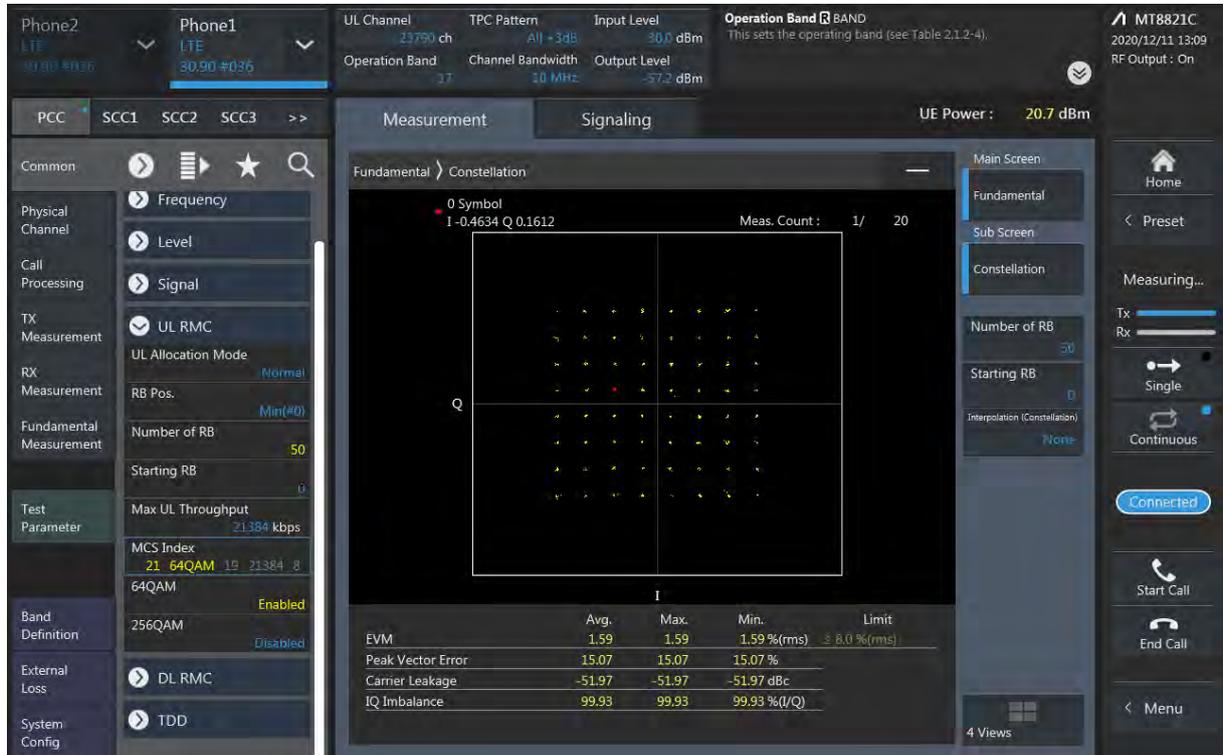


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3.3. 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-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.



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	4.880	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.476	4.890	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.476	4.920	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.476	4.900	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.476	4.910	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.476	4.890	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.486	4.950	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.496	4.950	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.496	4.970	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.911	9.720	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.931	9.700	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.931	9.720	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.931	9.660	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.931	9.660	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.931	9.640	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.931	9.660	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.931	9.700	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.931	9.700	PASS



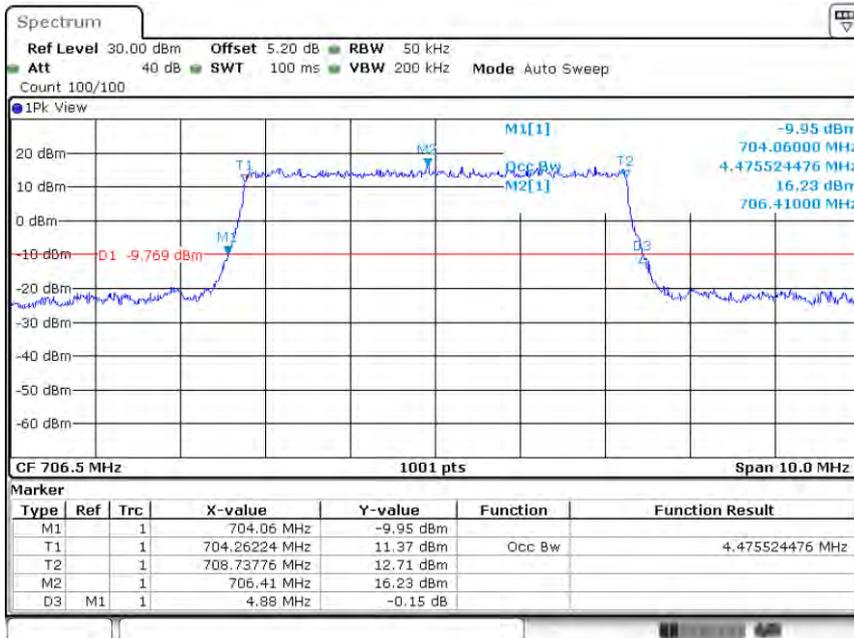
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



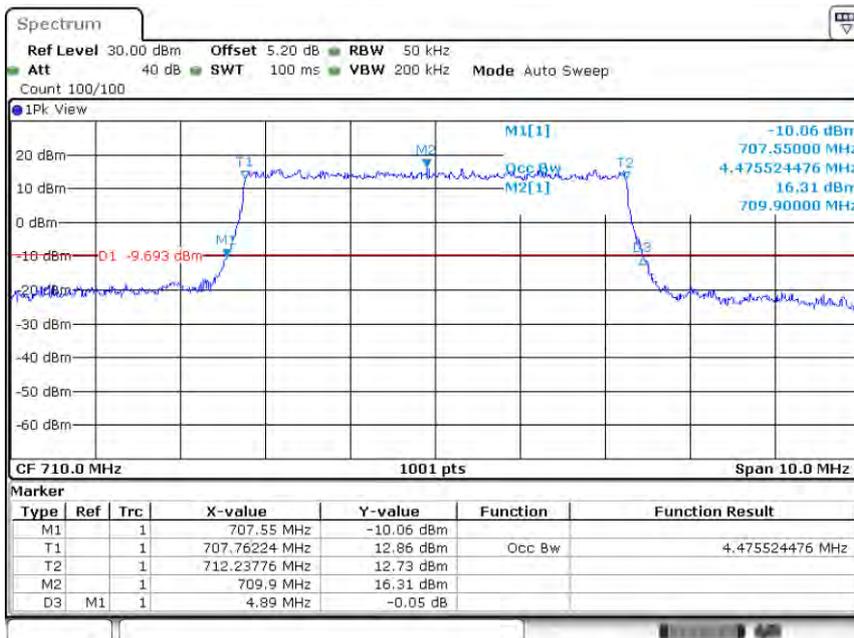
4.2. Test Plots

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



Date: 3.DEC.2020 21:09:49

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



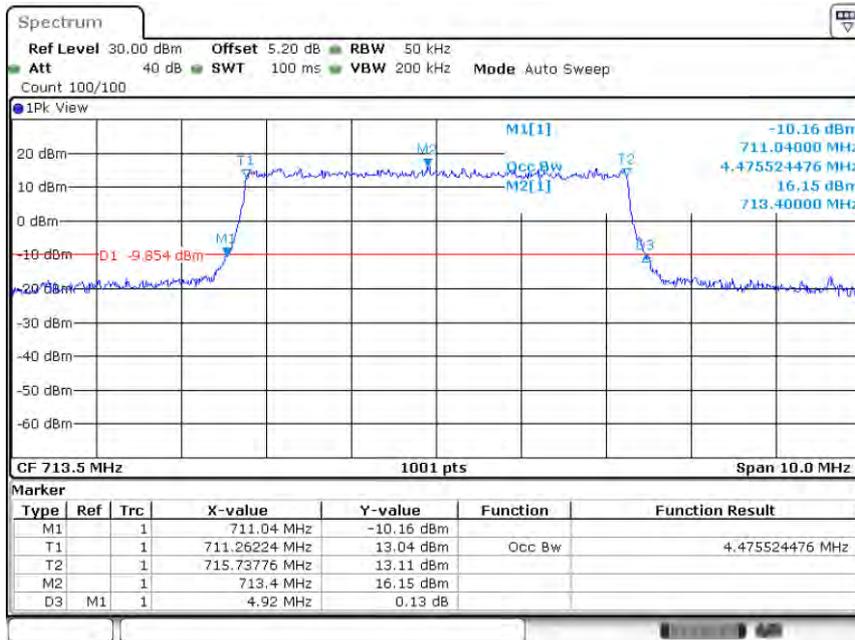
Date: 3.DEC.2020 21:10:28



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

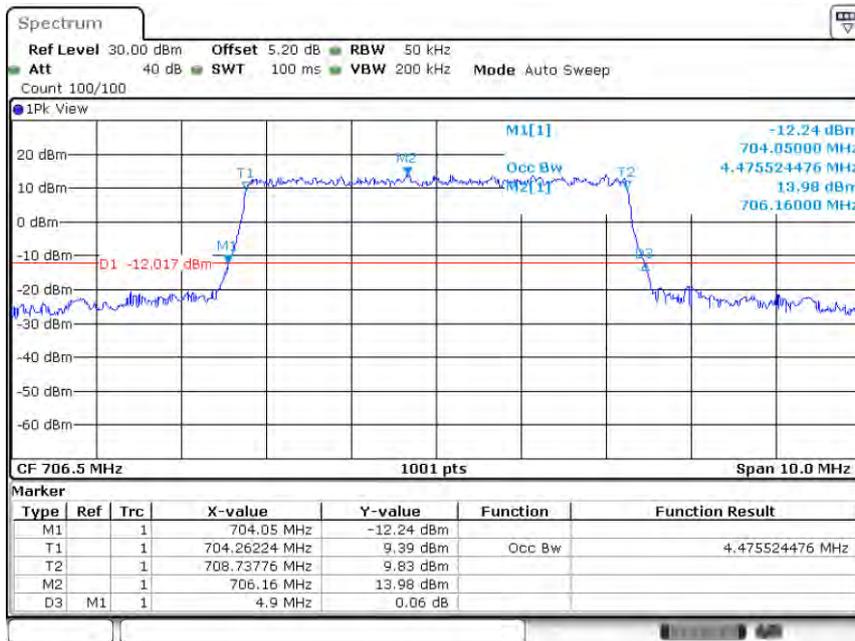


Band17-5MHz-QPSK-23825-25RB#0-4.476



Date: 3.DEC.2020 21:11:08

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

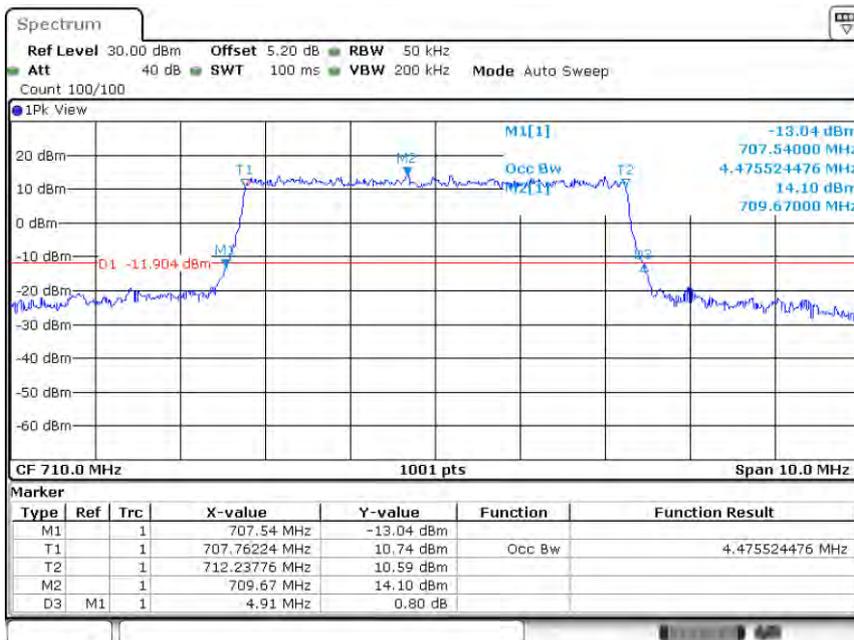


Date: 4.DEC.2020 22:15:38

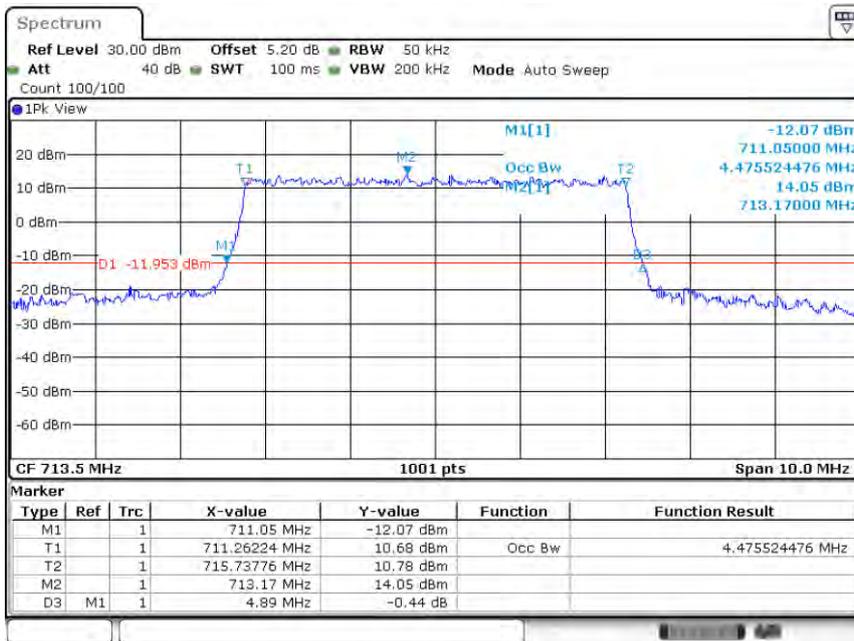


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-5MHz-64QAM-23790-25RB#0-4.476



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

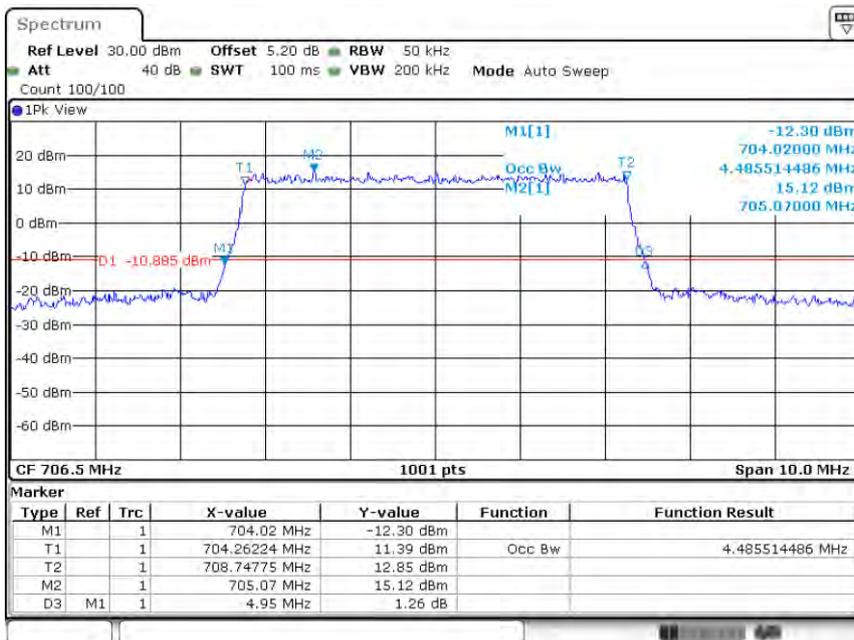


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

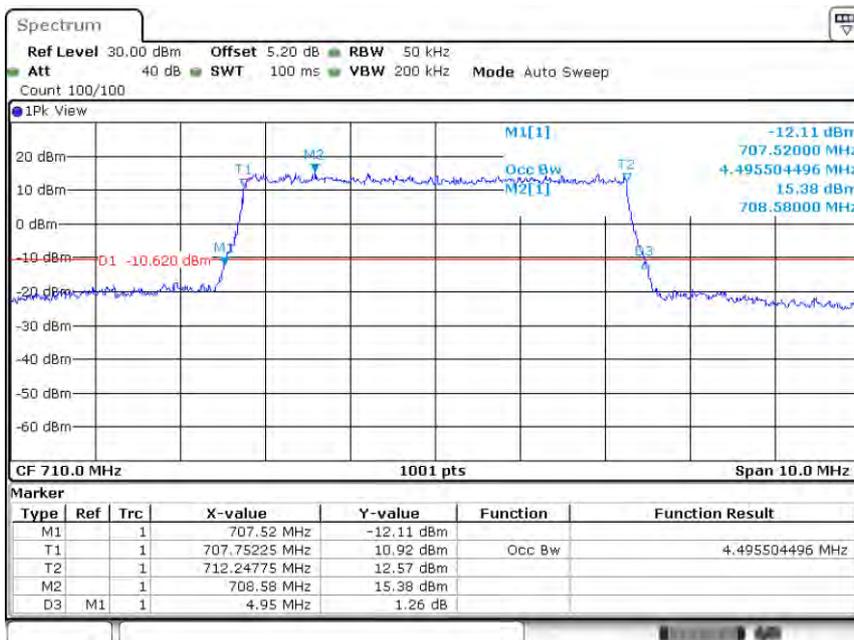
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band17-5MHz-16QAM-23755-25RB#0-4.486



Date: 3.DEC.2020 21:10:08

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



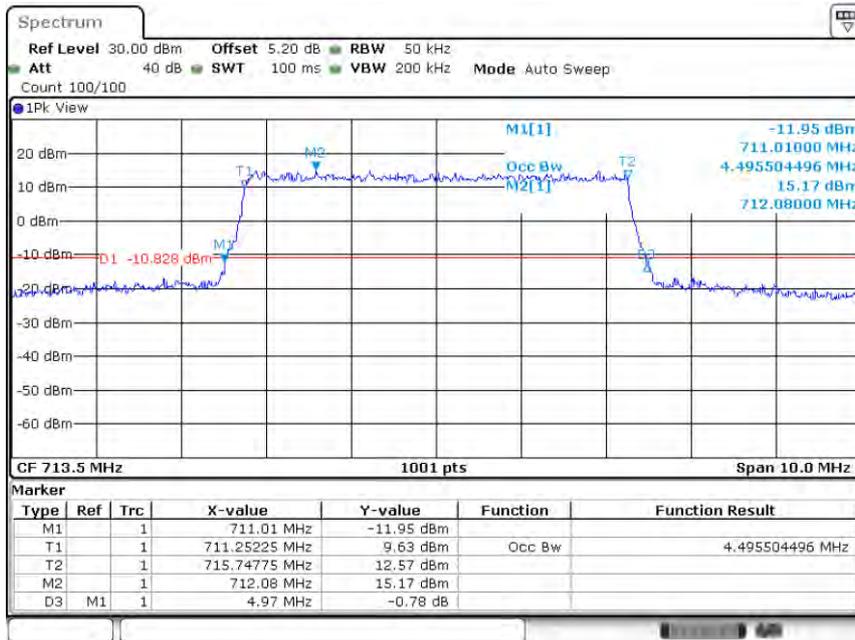
Date: 3.DEC.2020 21:10:48



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

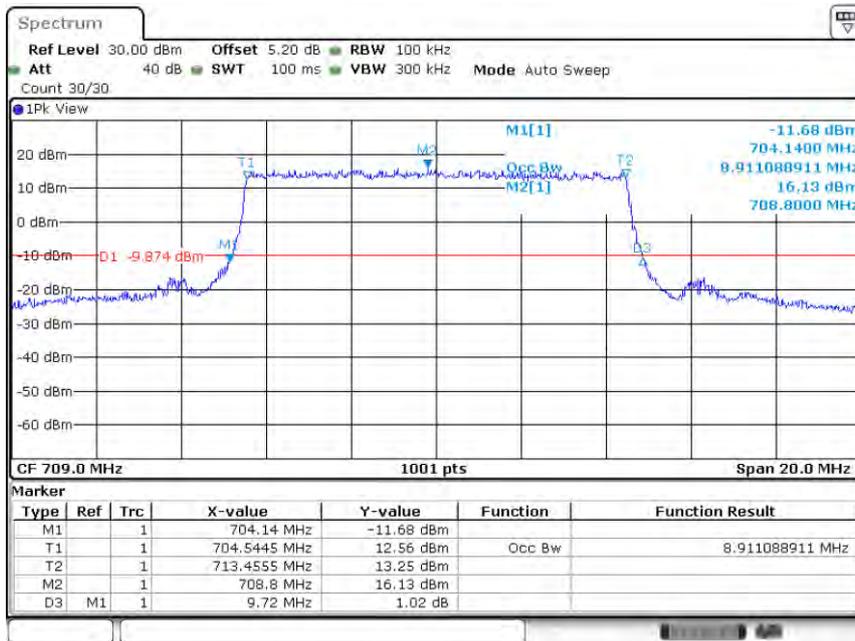


Band17-5MHz-16QAM-23825-25RB#0-4.496



Date: 3.DEC.2020 21:11:27

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

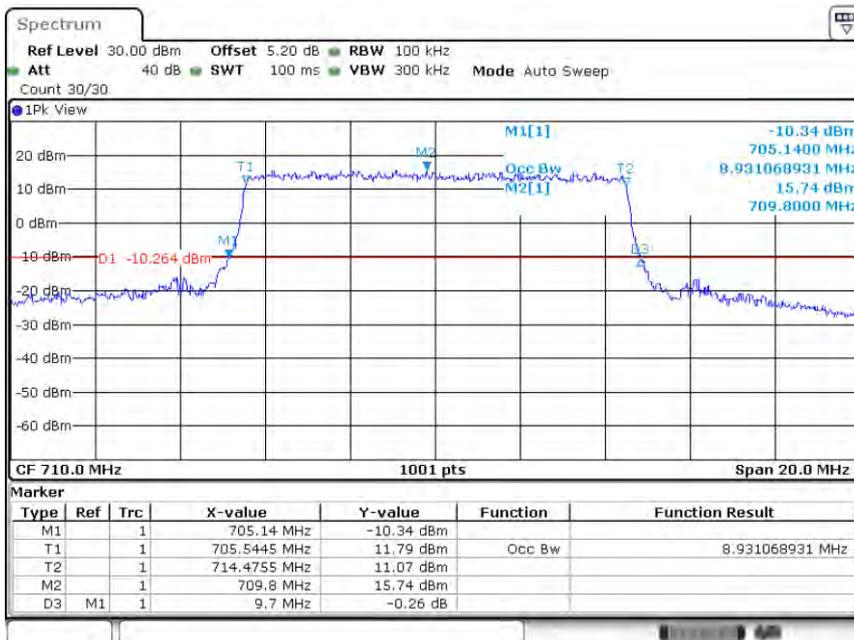


Date: 3.DEC.2020 21:11:45



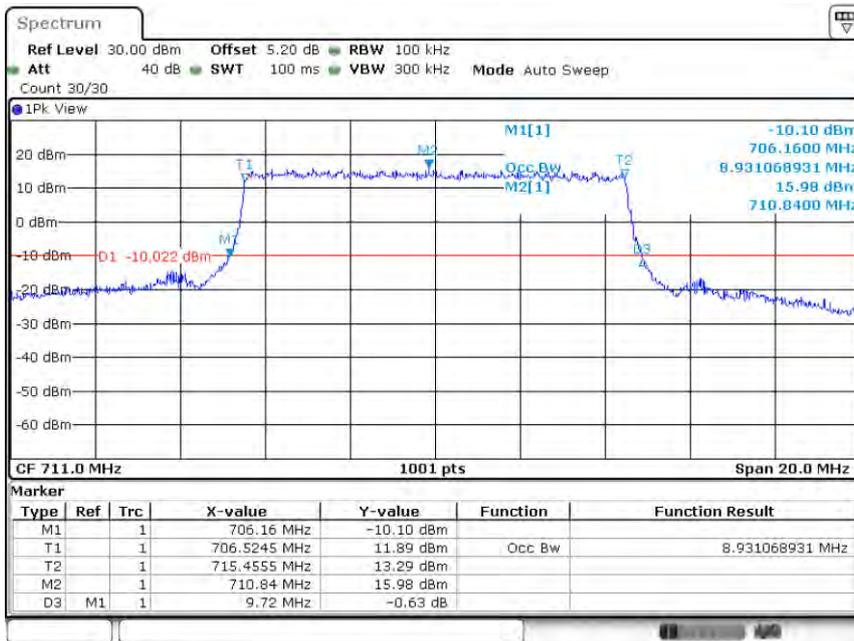
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-QPSK-23790-50RB#0-8.931



Date: 3.DEC.2020 21:12:10

Band17-10MHz-QPSK-23800-50RB#0-8.931

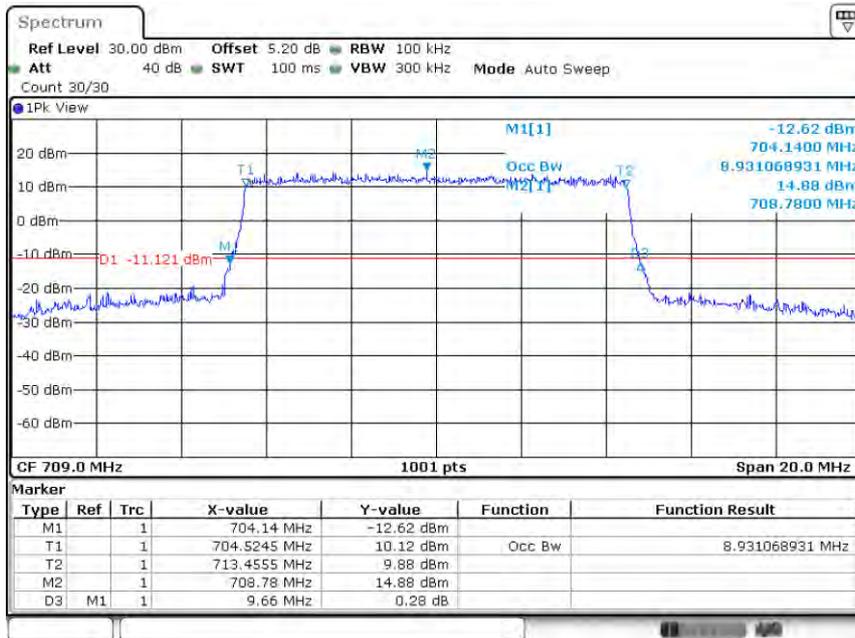


Date: 3.DEC.2020 21:12:36



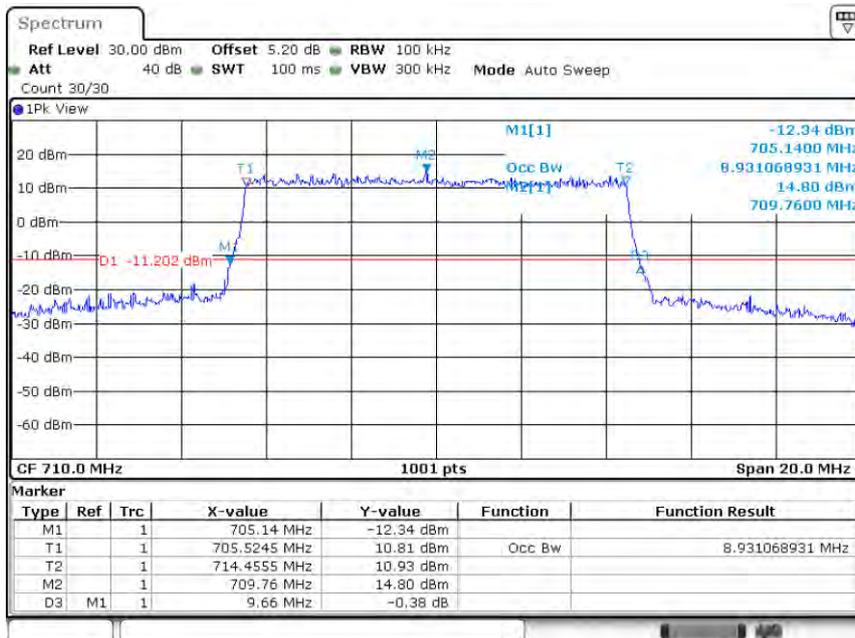
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band17-10MHz-64QAM-23780-50RB#0-8.931



Date: 4 DEC 2020 22:16:36

Band17-10MHz-64QAM-23790-50RB#0-8.931



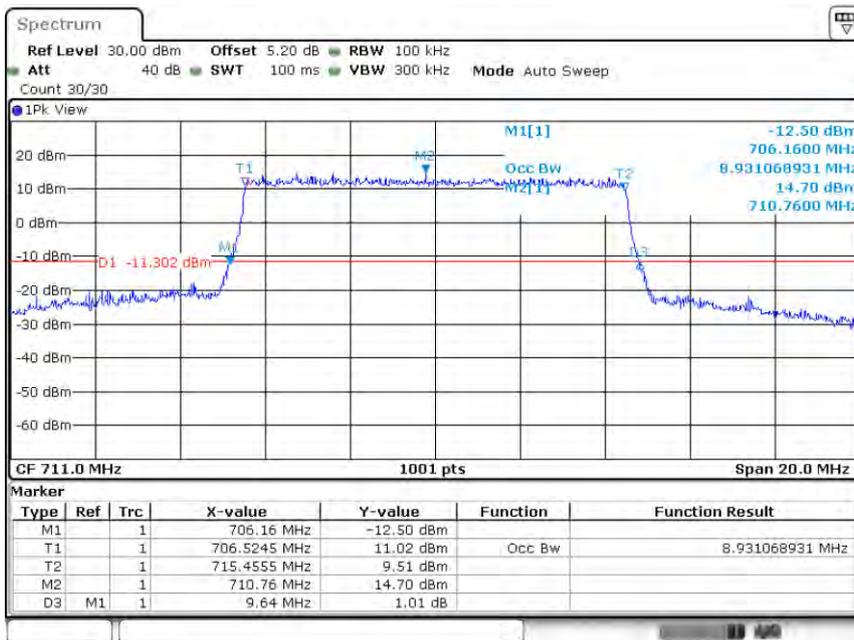
Date: 4 DEC 2020 22:16:49



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

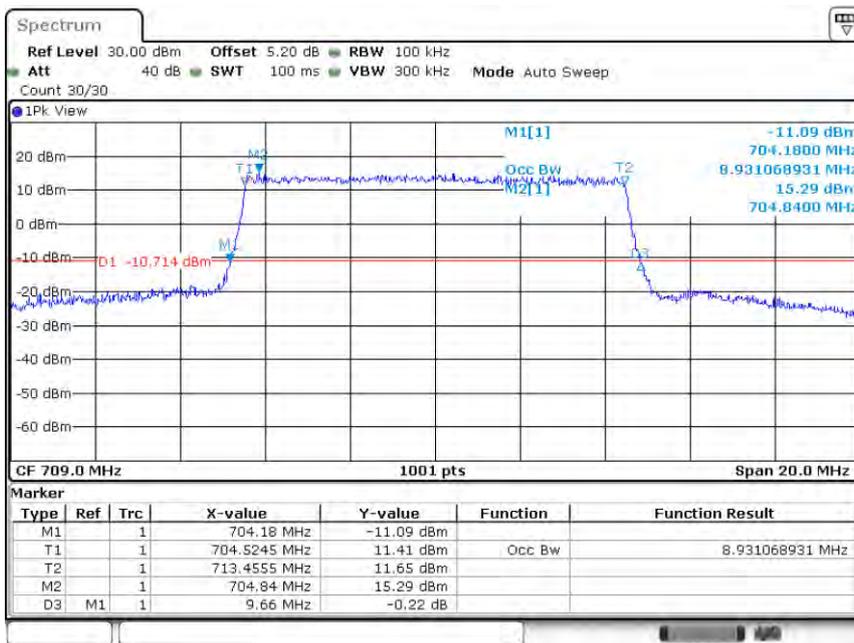


Band17-10MHz-64QAM-23800-50RB#0-8.931



Date: 4.DEC.2020 22:17:01

Band17-10MHz-16QAM-23780-50RB#0-8.931



Date: 3.DEC.2020 21:11:58

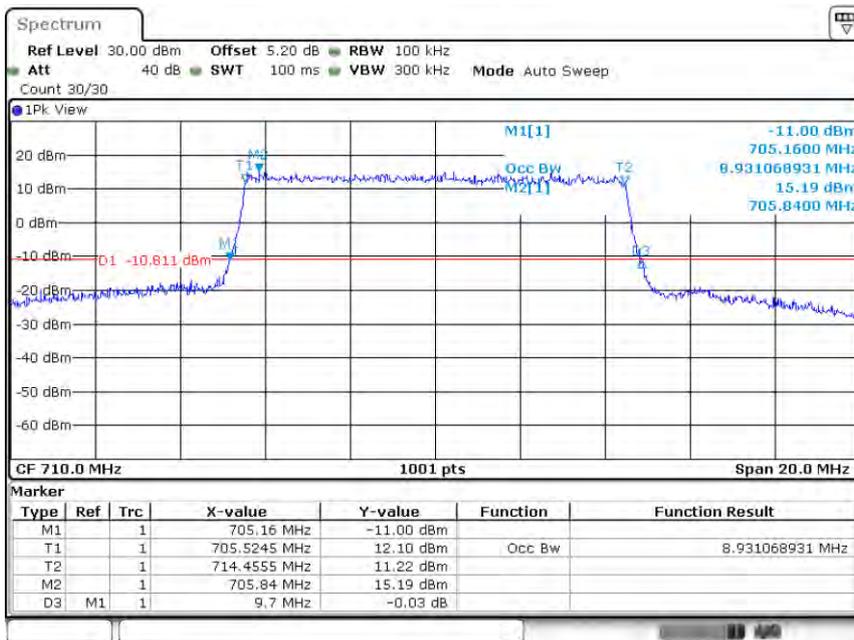


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

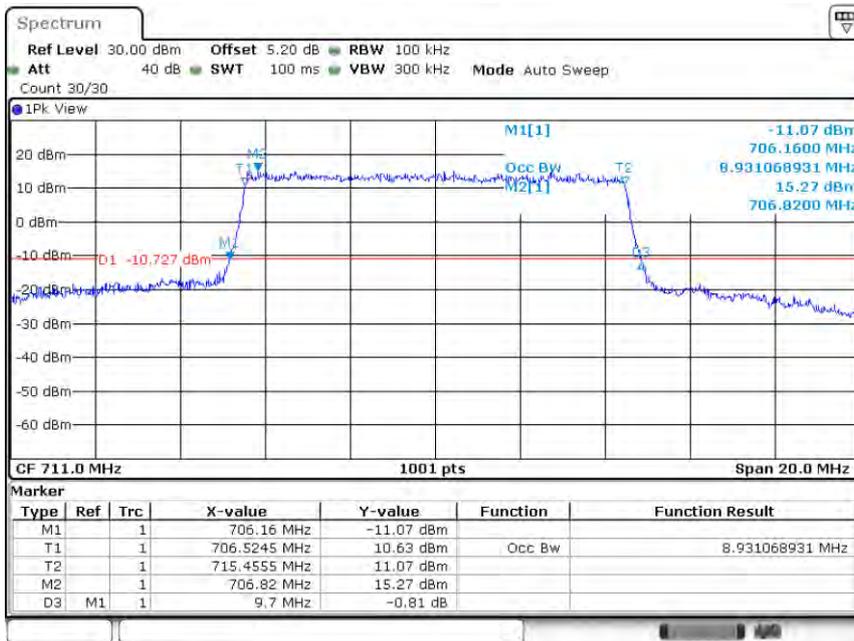
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band17-10MHz-16QAM-23790-50RB#0-8.931



Date: 3.DEC.2020 21:12:23

Band17-10MHz-16QAM-23800-50RB#0-8.931



Date: 3.DEC.2020 21:12:49

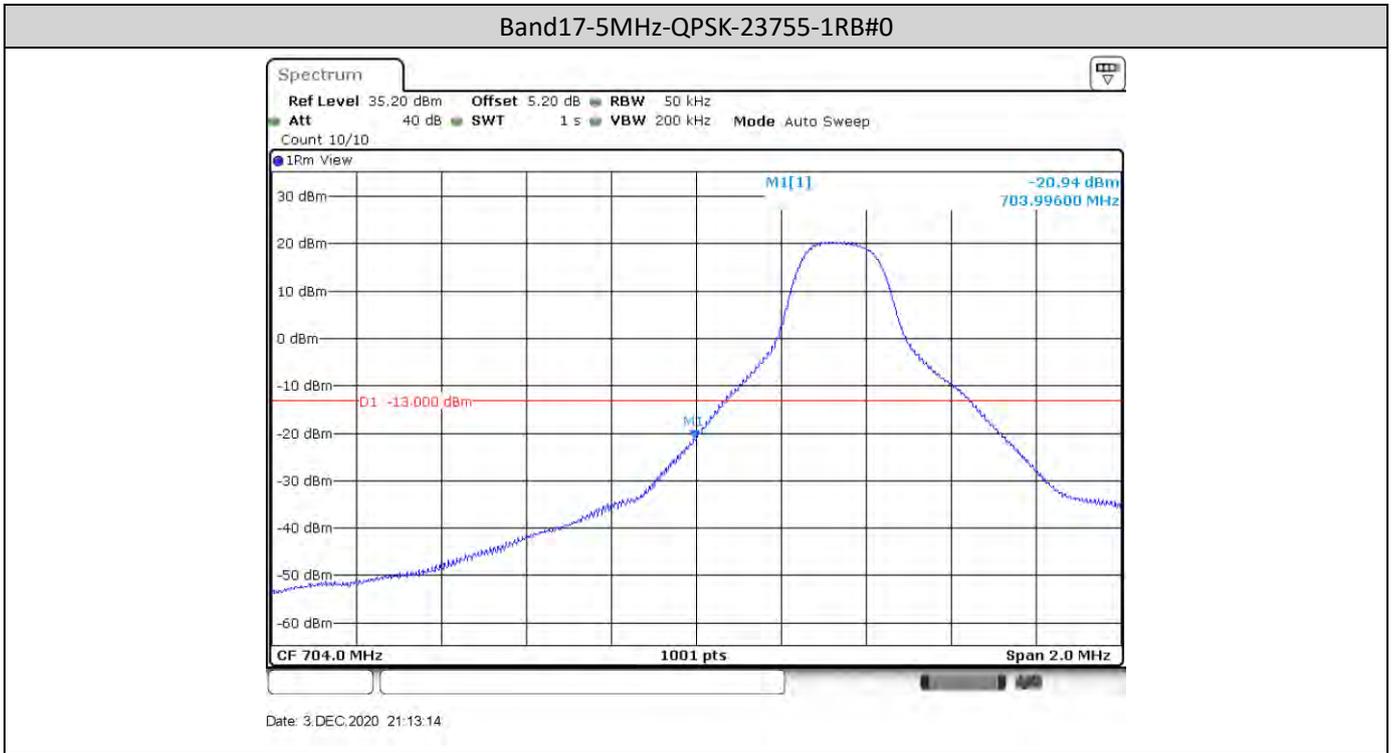


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



5. Band Edge Compliance

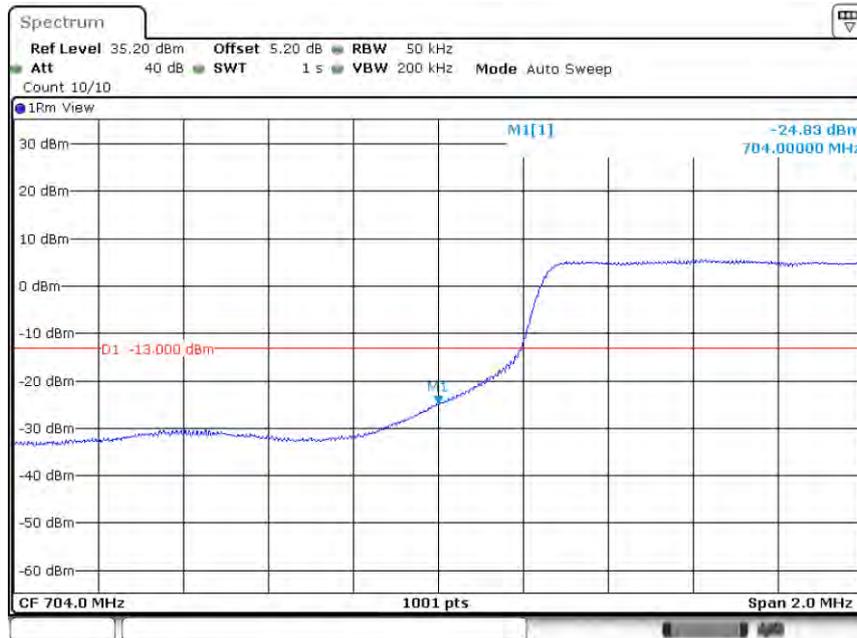
5.1. Test Plots



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

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



Date: 3.DEC.2020 21:13:57

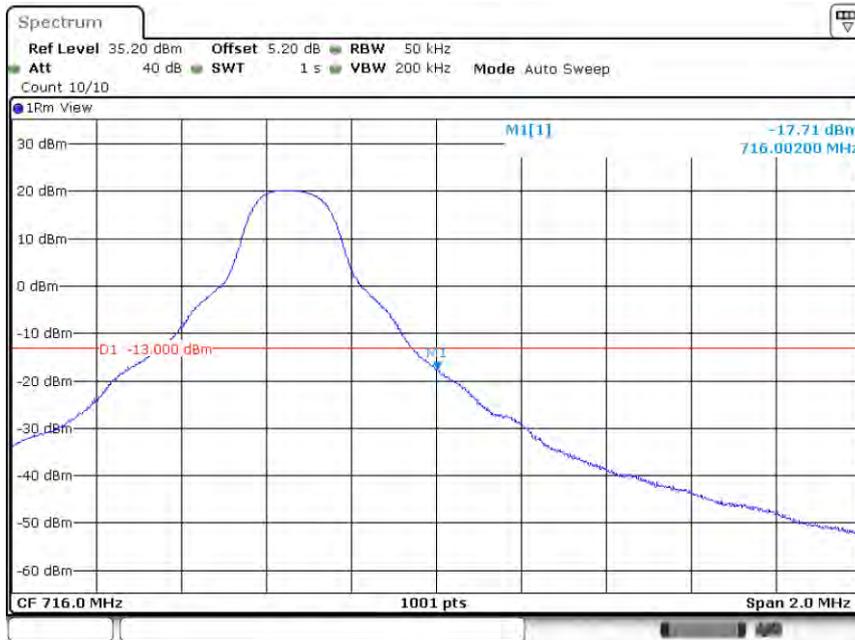


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



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



Date: 3.DEC.2020 21:14:42

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



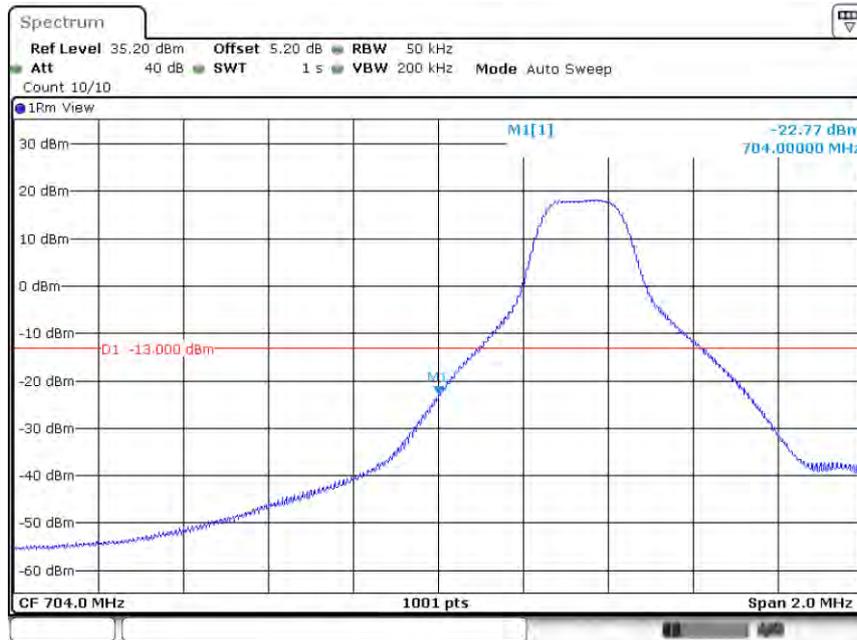
Date: 3.DEC.2020 21:15:23



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-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



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



Date: 4.DEC.2020 22:17:27

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



Date: 4.DEC.2020 22:17:47



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.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-23825-1RB#24



Date: 4.DEC.2020 22:18:13

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

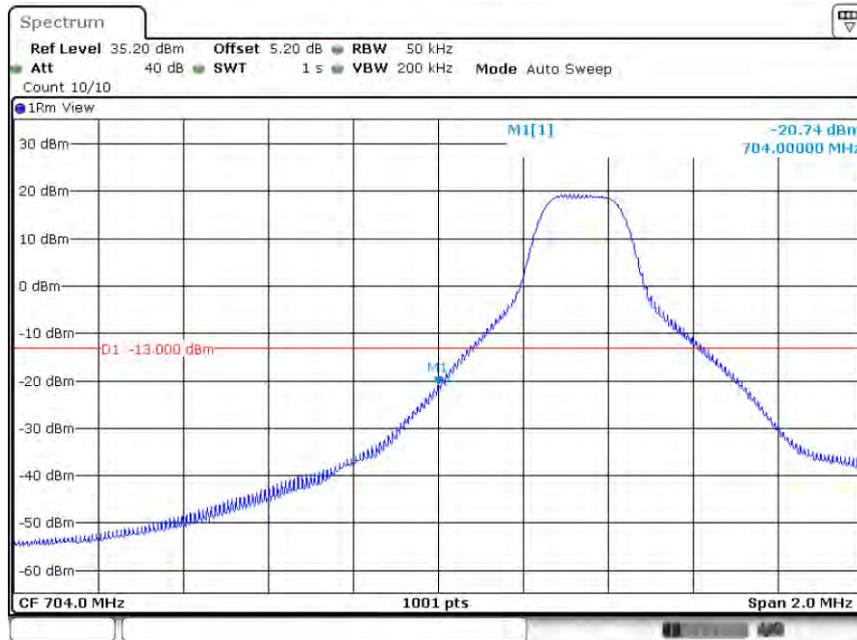


Date: 4.DEC.2020 22:18:33



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

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



Date: 3.DEC.2020 21:13:35

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



Date: 3.DEC.2020 21:14:17



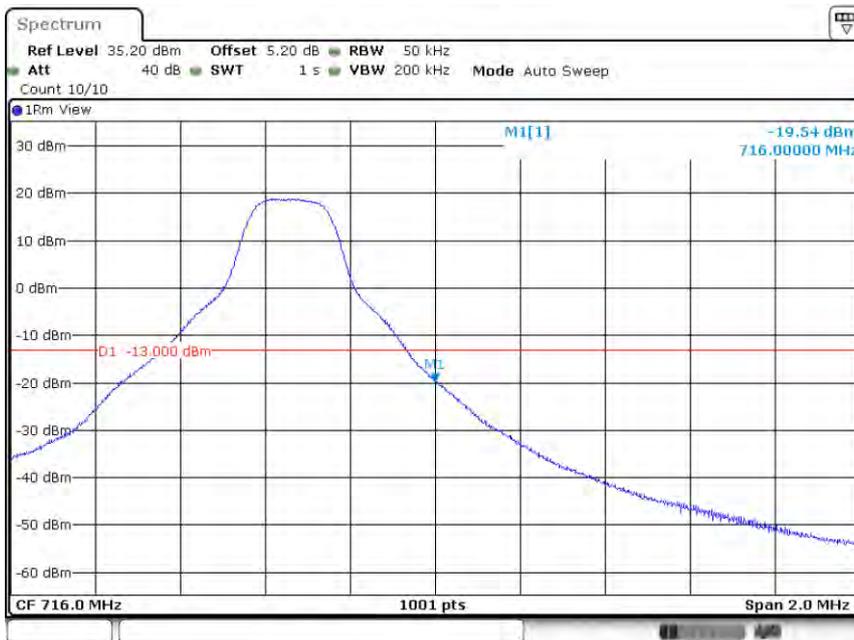
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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-23825-1RB#24



Date: 3.DEC.2020 21:15:03

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



Date: 3.DEC.2020 21:15:44



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

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



Date: 3.DEC.2020 21:16:09

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



Date: 3.DEC.2020 21:16:50



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

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



Date: 3.DEC.2020 21:17:35

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



Date: 3.DEC.2020 21:18:16



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



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



Date: 4.DEC.2020 22:18:59

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



Date: 4.DEC.2020 22:19:19



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-64QAM-23800-1RB#49



Date: 4.DEC.2020 22:19:44

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



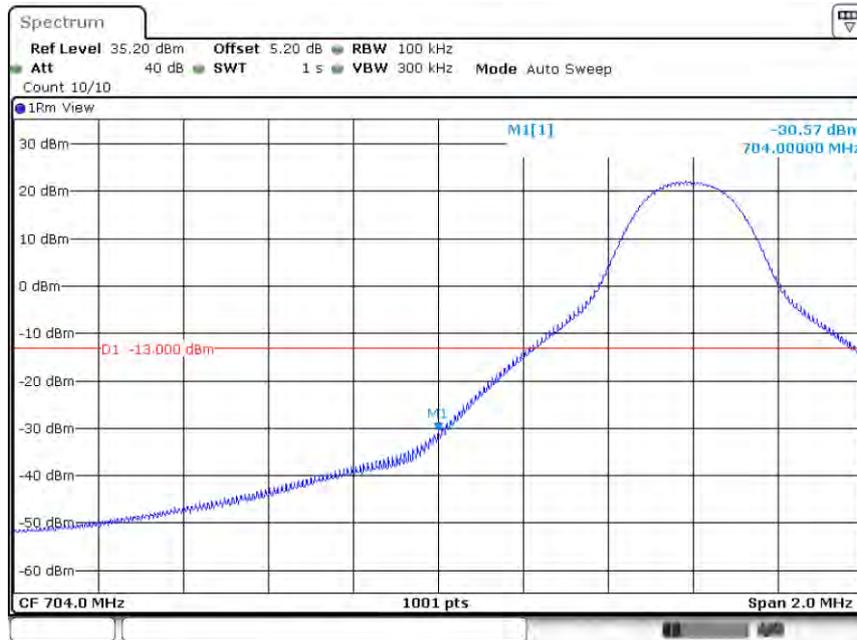
Date: 4.DEC.2020 22:20:04



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

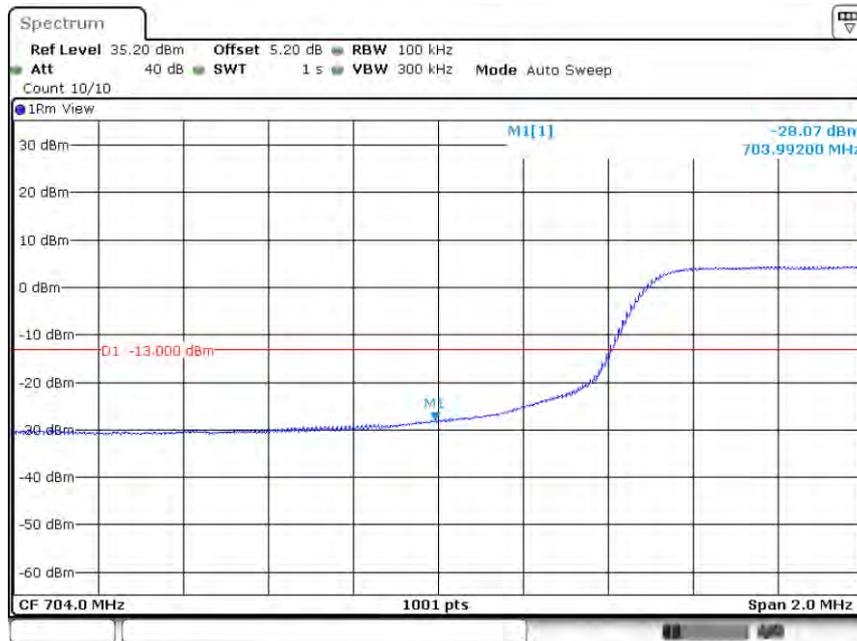


Band17-10MHz-16QAM-23780-1RB#0



Date: 3.DEC.2020 21:16:30

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



Date: 3.DEC.2020 21:17:11



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



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



Date: 3.DEC.2020 21:17:56

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



Date: 3.DEC.2020 21:18:37



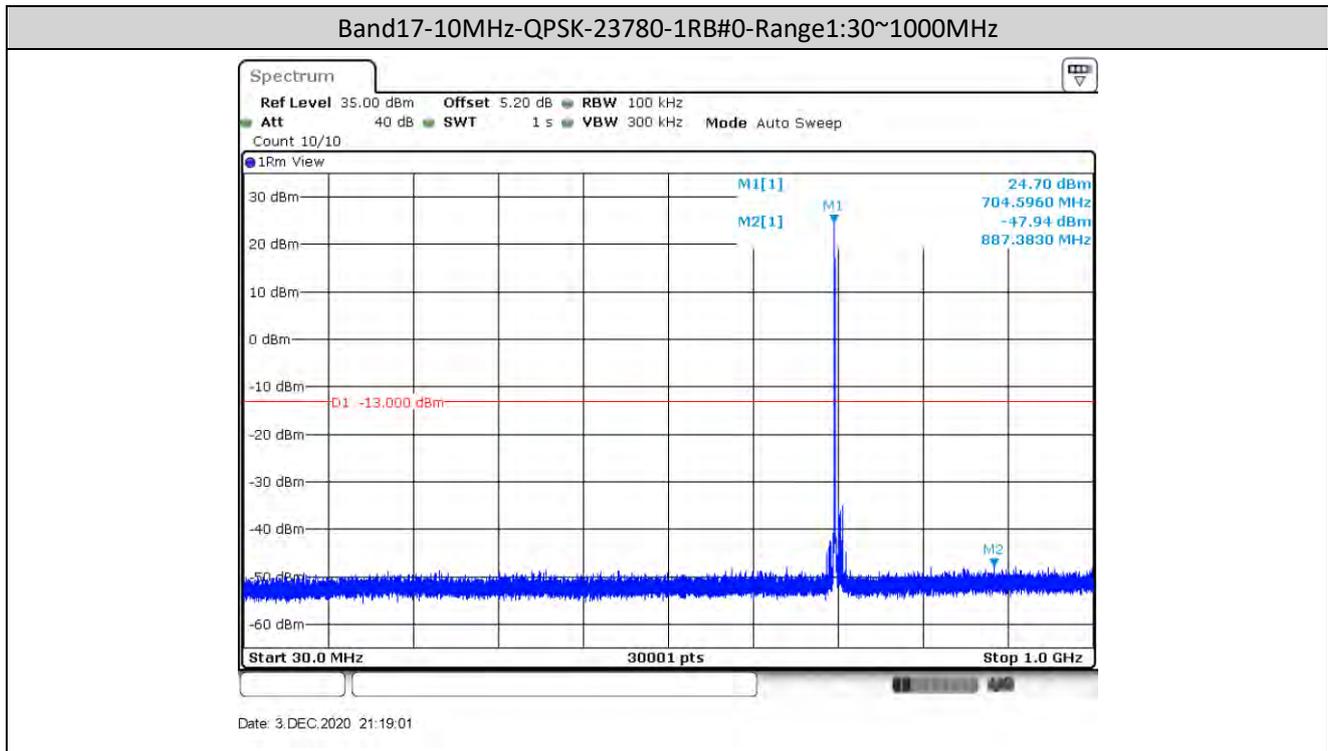
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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.

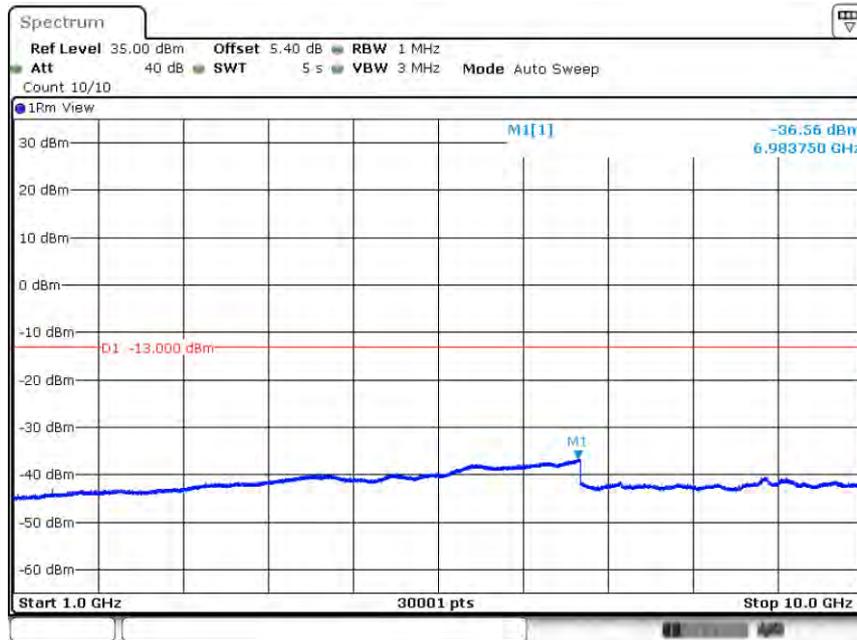
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



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.

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



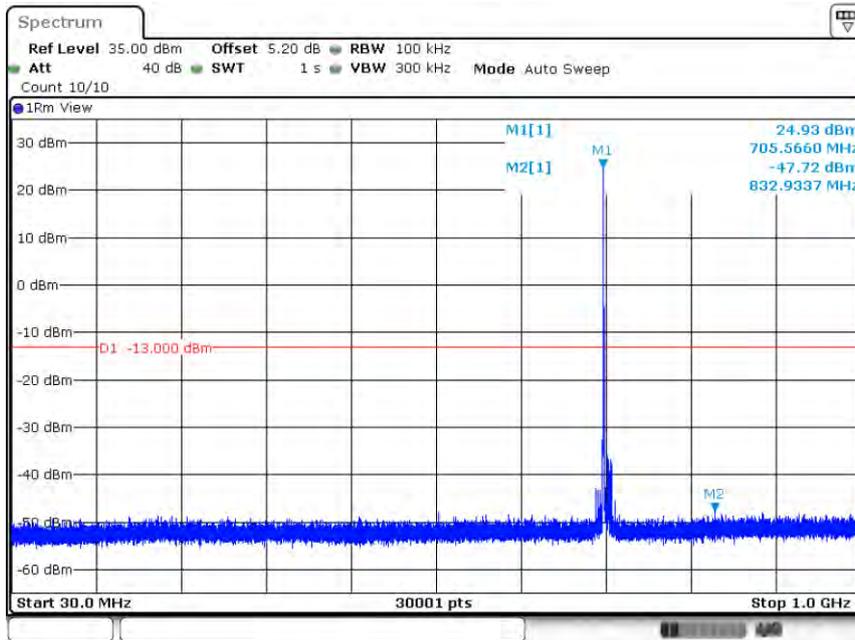
Date: 3.DEC.2020 21:20:09



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

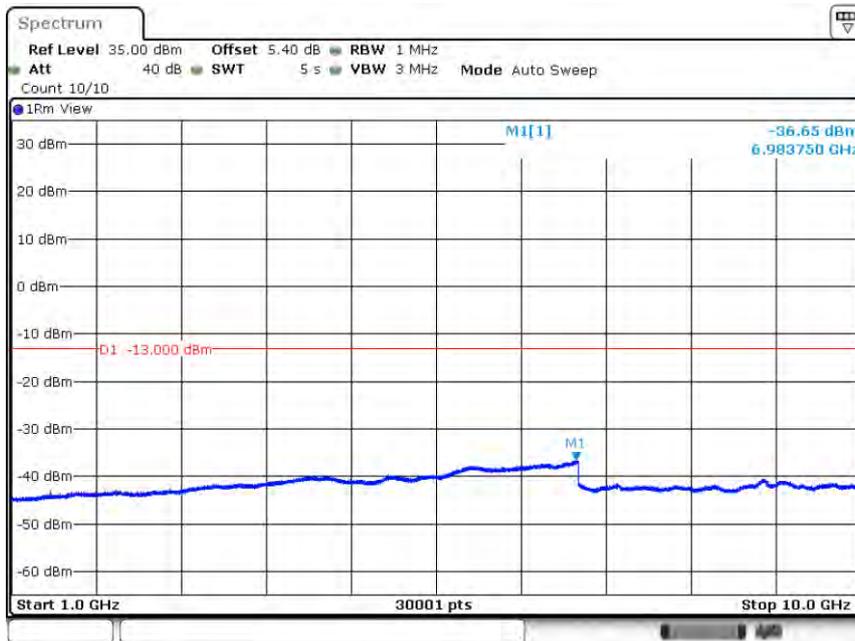
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band17-10MHz-QPSK-23790-1RB#0-Range1:30~100MHz



Date: 3.DEC.2020 21:21:56

Band17-10MHz-QPSK-23790-1RB#0-Range2:100~10000MHz



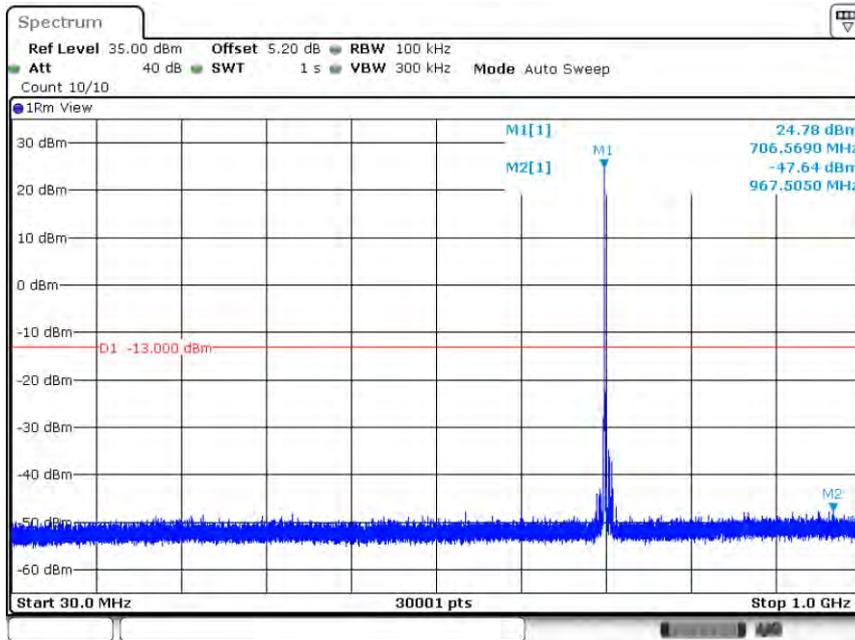
Date: 3.DEC.2020 21:23:03



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

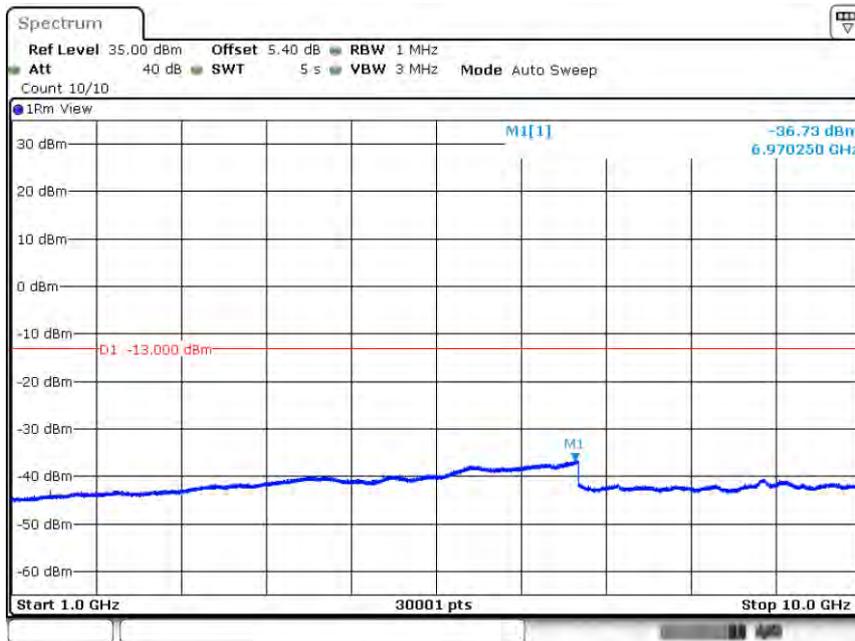
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band17-10MHz-QPSK-23800-1RB#0-Range1:30~100MHz



Date: 3.DEC.2020 21:24:49

Band17-10MHz-QPSK-23800-1RB#0-Range2:100~10000MHz



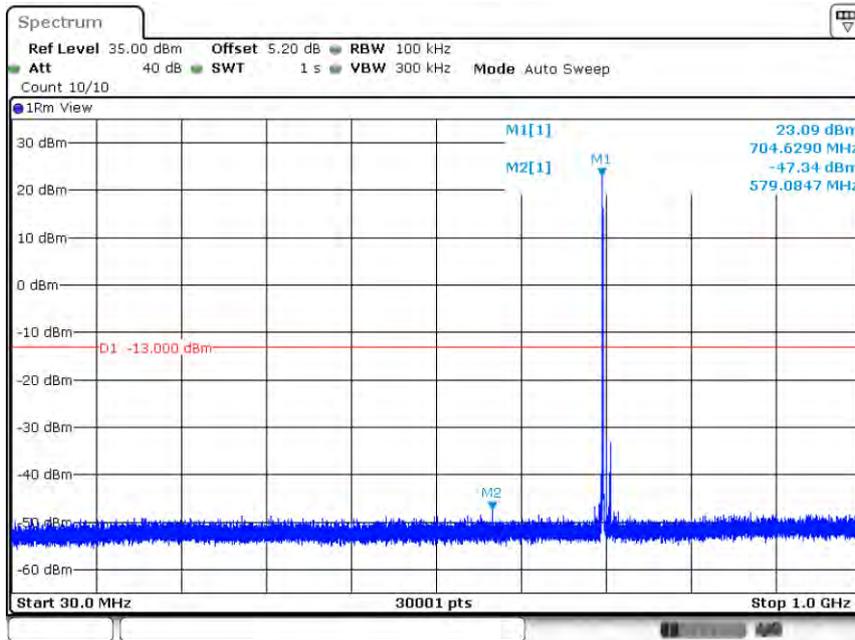
Date: 3.DEC.2020 21:25:56



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-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

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



Date: 4.DEC.2020 22:20:28

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

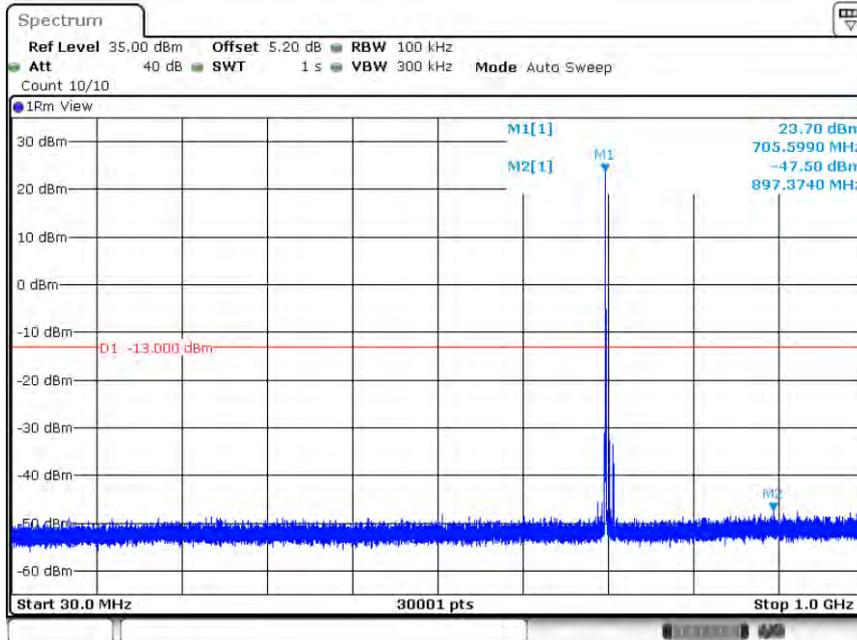


Date: 4.DEC.2020 22:21:36



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-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

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



Date: 4.DEC.2020 22:21:56

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



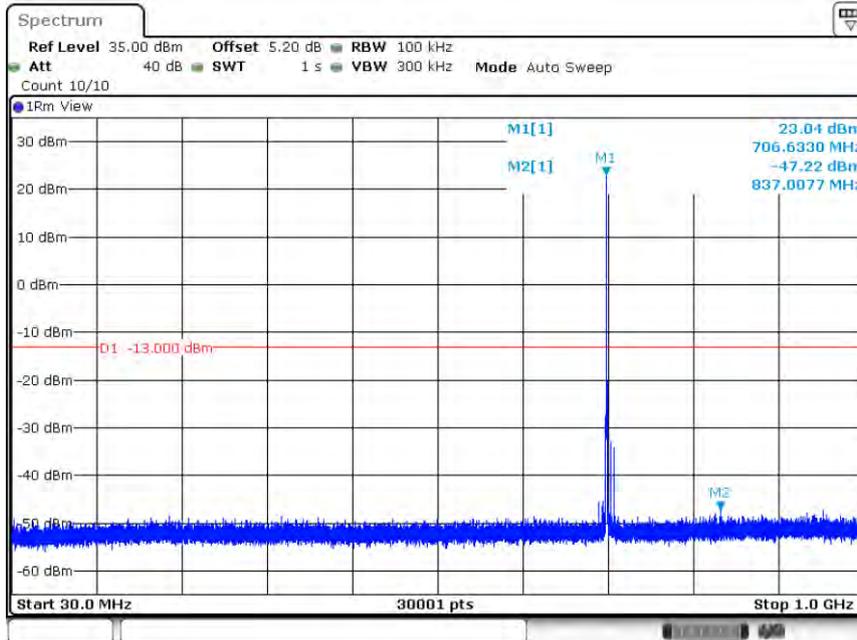
Date: 4.DEC.2020 22:23:03



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

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

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



Date: 4.DEC.2020 22:23:23

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



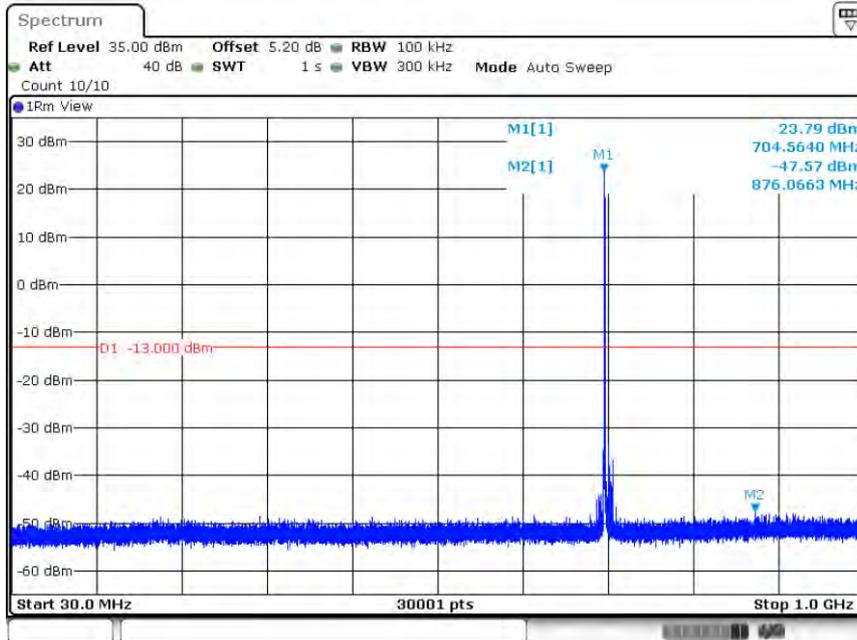
Date: 4.DEC.2020 22:24:30



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.

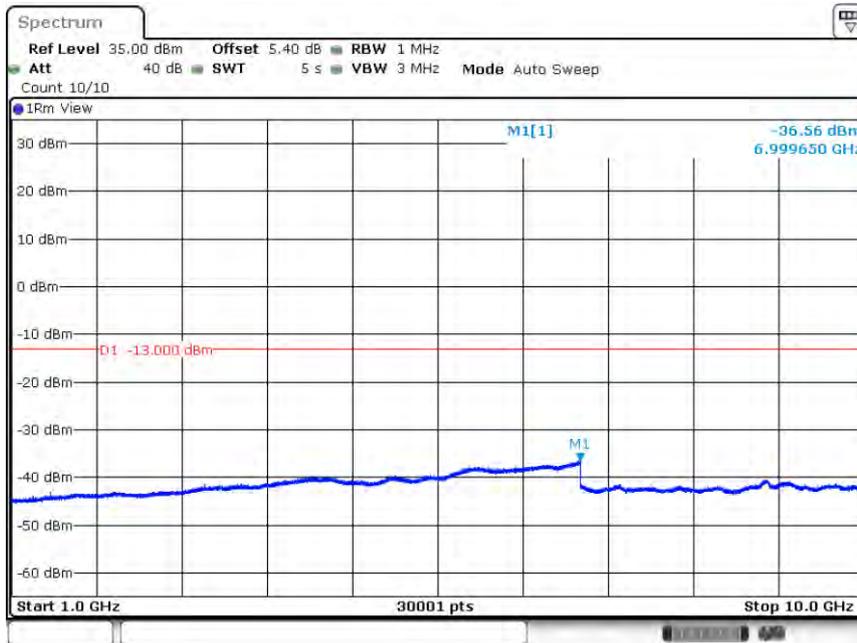
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 3.DEC.2020 21:20:28

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



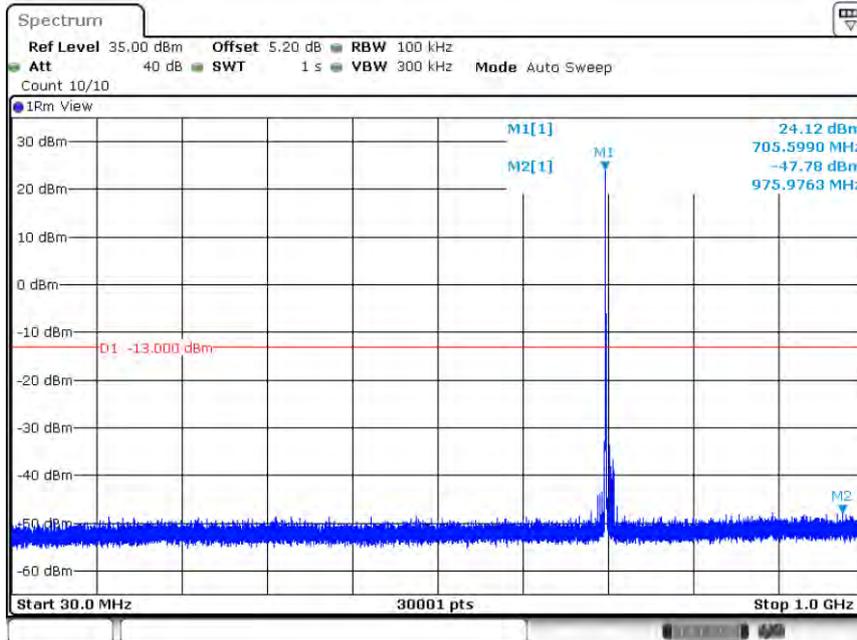
Date: 3.DEC.2020 21:21:36



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-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

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



Date: 3.DEC.2020 21:23:22

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



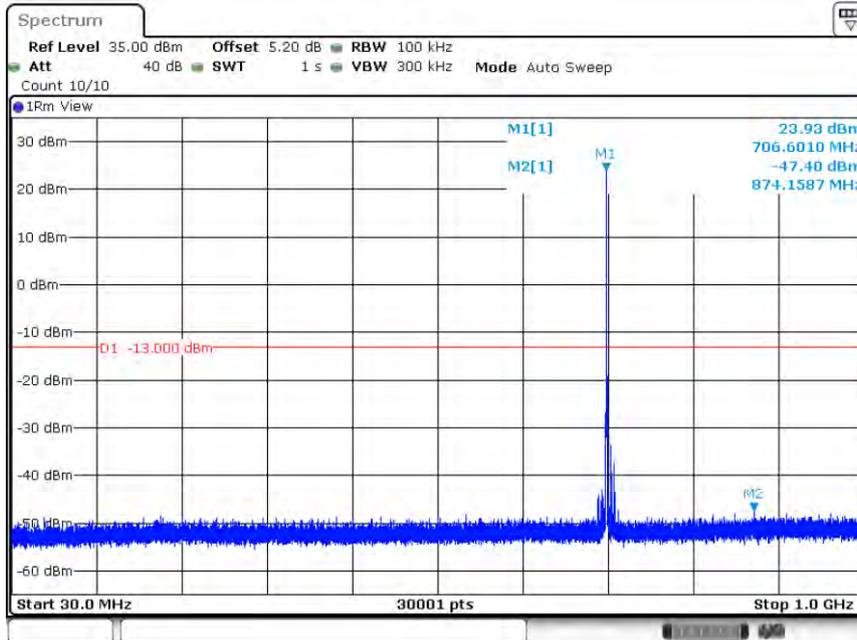
Date: 3.DEC.2020 21:24:29



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

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

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



Date: 3.DEC.2020 21:26:16

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



Date: 3.DEC.2020 21:27:23



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

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

7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_17_TM1 CONFIG 0

7.1.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.2226	-63.73	-13.00	50.73	Horizontal
2	232.6431	-68.41	-13.00	55.41	Horizontal
3	480.9270	-66.86	-13.00	53.86	Horizontal
4	2460.2921	-49.85	-13.00	36.85	Horizontal
5	5099.5240	-61.71	-13.00	48.71	Horizontal
6	9325.1730	-52.07	-13.00	39.07	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

7.2. Test Band = LTE_17_TM1 CONFIG 0

7.2.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	52.6506	-71.88	-13.00	58.88	Vertical
2	114.1032	-63.10	-13.00	50.10	Vertical
3	349.7765	-69.00	-13.00	56.00	Vertical
4	2460.2921	-52.76	-13.00	39.76	Vertical
5	3933.8374	-62.26	-13.00	49.26	Vertical
6	9870.0748	-52.40	-13.00	39.40	Vertical



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

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

7.3. Test Band = LTE_17_TM1 CONFIG 0

7.3.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3567	-63.85	-13.00	50.85	Horizontal
2	231.3336	-67.82	-13.00	54.82	Horizontal
3	349.0975	-67.09	-13.00	54.09	Horizontal
4	2460.2921	-50.64	-13.00	37.64	Horizontal
5	5122.4849	-61.79	-13.00	48.79	Horizontal
6	9304.7322	-52.64	-13.00	39.64	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

7.4. Test Band = LTE_17_TM1 CONFIG 0

7.4.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	50.3710	-72.19	-13.00	59.19	Vertical
2	113.7152	-64.66	-13.00	51.66	Vertical
3	332.8006	-68.37	-13.00	55.37	Vertical
4	2460.2921	-50.90	-13.00	37.90	Vertical
5	3769.1908	-62.17	-13.00	49.17	Vertical
6	8811.0724	-54.51	-13.00	41.51	Vertical



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

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



7.5. Test Band = LTE_17_TM1 CONFIG 0

7.5.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-64.02	-13.00	51.02	Horizontal
2	243.6532	-68.00	-13.00	55.00	Horizontal
3	477.6774	-67.45	-13.00	54.45	Horizontal
4	2425.8852	-55.90	-13.00	42.90	Horizontal
5	4495.2598	-61.47	-13.00	48.47	Horizontal
6	9289.6116	-52.48	-13.00	39.48	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

7.6. Test Band = LTE_17_TM1 CONFIG 0

7.6.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.4010	-71.54	-13.00	58.54	Vertical
2	113.5212	-64.66	-13.00	51.66	Vertical
3	334.6437	-68.67	-13.00	55.67	Vertical
4	2296.6593	-58.02	-13.00	45.02	Vertical
5	3841.7137	-61.59	-13.00	48.59	Vertical
6	9855.2342	-51.94	-13.00	38.94	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

7.7. Test Band = LTE_17_TM1 CONFIG 1

7.7.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3082	-63.69	-13.00	50.69	Horizontal
2	238.2209	-67.93	-13.00	54.93	Horizontal
3	414.4787	-67.59	-13.00	54.59	Horizontal
4	1409.2819	-58.96	-13.00	45.96	Horizontal
5	2113.4227	-56.70	-13.00	43.70	Horizontal
6	9317.6127	-52.04	-13.00	39.04	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
 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

7.8. Test Band = LTE_17_TM1 CONFIG 1

7.8.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.6920	-71.91	-13.00	58.91	Vertical
2	111.8721	-64.45	-13.00	51.45	Vertical
3	392.7496	-67.02	-13.00	54.02	Vertical
4	1409.2819	-61.19	-13.00	48.19	Vertical
5	3000.0000	-55.24	-13.00	42.24	Vertical
6	9329.9332	-52.27	-13.00	39.27	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

7.9. Test Band = LTE_17_TM1 CONFIG 1

7.9.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.0286	-64.03	-13.00	51.03	Horizontal
2	243.1197	-67.82	-13.00	54.82	Horizontal
3	411.7141	-67.79	-13.00	54.79	Horizontal
4	1411.2823	-57.82	-13.00	44.82	Horizontal
5	2116.6233	-55.85	-13.00	42.85	Horizontal
6	9318.1727	-52.40	-13.00	39.40	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

7.10. Test Band = LTE_17_TM1 CONFIG 1

7.10.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	50.3710	-71.84	-13.00	58.84	Vertical
2	113.0362	-64.59	-13.00	51.59	Vertical
3	463.2722	-66.62	-13.00	53.62	Vertical
4	1410.8822	-60.69	-13.00	47.69	Vertical
5	2475.8952	-55.81	-13.00	42.81	Vertical
6	7335.9734	-54.74	-13.00	41.74	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

7.11. Test Band = LTE_17_TM1 CONFIG 1

7.11.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.8531	-63.61	-13.00	50.61	Horizontal
2	232.4491	-68.30	-13.00	55.30	Horizontal
3	501.4436	-65.86	-13.00	52.86	Horizontal
4	1412.8826	-58.74	-13.00	45.74	Horizontal
5	2119.8240	-55.72	-13.00	42.72	Horizontal
6	9299.1320	-52.35	-13.00	39.35	Horizontal



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

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



7.12. Test Band = LTE_17_TM1 CONFIG 1

7.12.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	52.5051	-71.51	-13.00	58.51	Vertical
2	111.5811	-64.36	-13.00	51.36	Vertical
3	390.7610	-67.69	-13.00	54.69	Vertical
4	1412.8826	-60.56	-13.00	47.56	Vertical
5	2119.8240	-57.27	-13.00	44.27	Vertical
6	9886.8755	-52.02	-13.00	39.02	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-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

8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	2.00	0.002821	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	7.30	0.010296	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	4.00	0.005642	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-2.40	-0.003380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-6.80	-0.009577	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	0.50	0.000704	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	1.20	0.001688	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-6.90	-0.009705	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-4.70	-0.006629	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-8.60	-0.012130	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-2.50	-0.003526	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	3.20	0.004507	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-1.80	-0.002535	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	1.10	0.001549	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	6.60	0.009283	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-0.20	-0.000281	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	4.80	0.006751	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VL	NT	-6.10	-0.008604	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VN	NT	-7.00	-0.009873	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VH	NT	-1.10	-0.001551	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VL	NT	-2.00	-0.002817	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VN	NT	5.40	0.007606	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VH	NT	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VL	NT	2.70	0.003797	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VN	NT	3.30	0.004641	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VH	NT	9.70	0.013643	±2.5	PASS



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

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

8.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	5.80	0.008181	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-5.70	-0.008039	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	5.00	0.007052	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-0.40	-0.000564	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-7.10	-0.010014	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	4.20	0.005924	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	2.10	0.002962	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	3.10	0.004372	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-1.60	-0.002254	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	0.90	0.001268	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-1.00	-0.001408	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-0.80	-0.001127	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-3.00	-0.004225	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	2.70	0.003803	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	3.70	0.005211	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	2.60	0.003662	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	1.50	0.002113	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	0.30	0.000422	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	2.10	0.002954	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-1.00	-0.001406	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-1.10	-0.001547	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-2.00	-0.002813	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-8.90	-0.012518	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	0.60	0.000844	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-3.40	-0.004782	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-5.50	-0.007736	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	2.70	0.003808	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	1.90	0.002680	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	4.90	0.006911	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	2.70	0.003808	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	3.30	0.004654	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-8.50	-0.011989	±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	16QAM	23780	50RB#0	NV	30	6.10	0.008604	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	3.70	0.005219	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-0.80	-0.001128	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	1.50	0.002113	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-0.80	-0.001127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	0.40	0.000563	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	6.90	0.009718	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	1.20	0.001690	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	0.50	0.000704	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	1.20	0.001690	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-3.20	-0.004507	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	3.10	0.004366	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	12.90	0.018143	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-2.50	-0.003516	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	4.90	0.006892	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	2.20	0.003094	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	0.30	0.000422	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	7.50	0.010549	±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	-0.80	-0.001125	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-0.20	-0.000281	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-30	1.30	0.001834	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-20	1.40	0.001975	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-10	-2.80	-0.003949	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	0	0.80	0.001128	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	10	-3.40	-0.004795	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	30	2.20	0.003103	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	40	2.80	0.003949	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	50	0.10	0.000141	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-30	-2.90	-0.004085	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-20	-2.70	-0.003803	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-10	-6.20	-0.008732	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	0	1.70	0.002394	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	10	4.70	0.006620	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	20	1.00	0.001408	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	30	0.70	0.000986	±2.5	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Inspection & Testing Services 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	64QAM	23790	50RB#0	NV	40	-3.00	-0.004225	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	50	-2.80	-0.003944	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-30	3.40	0.004782	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-20	-5.00	-0.007032	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-10	-4.50	-0.006329	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	0	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	10	-1.10	-0.001547	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	20	4.80	0.006751	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	30	-7.90	-0.011111	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	40	-6.50	-0.009142	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	50	-2.90	-0.004079	±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