

# Appendix B

## E-UTRA Band 17



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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**CONTENT**

<b>1 EFFECTIVE (ISOTROPIC) RADIATED POWER .....</b>	<b>4</b>
1.1 TEST RESULT .....	4
<b>2 PEAK-TO-AVERAGE RATIO (CCDF) .....</b>	<b>8</b>
2.1 TEST RESULT .....	8
2.2 TEST PLOTS .....	8
<b>3 MODULATION CHARACTERISTICS .....</b>	<b>13</b>
3.1 TEST MODE = LTE /TM1 10MHz .....	13
3.1.1 TEST CHANNEL = MCH .....	13
3.2 TEST MODE = LTE /TM2 10MHz .....	14
3.2.1 TEST CHANNEL = MCH .....	14
3.3 TEST MODE = LTE /TM3 10MHz .....	15
3.3.1 TEST CHANNEL = MCH .....	15
<b>4 26DB BANDWIDTH AND OCCUPIED BANDWIDTH .....</b>	<b>16</b>
4.1 TEST RESULT .....	16
4.2 TEST PLOTS .....	17
<b>5 BAND EDGE COMPLIANCE .....</b>	<b>26</b>
5.1 TEST PLOTS .....	26
<b>6 SPURIOUS EMISSION AT ANTENNA TERMINAL .....</b>	<b>39</b>
6.1 TEST PLOTS .....	39
<b>7 FIELD STRENGTH OF SPURIOUS RADIATION .....</b>	<b>49</b>
7.1 Test Band = LTE_17 _TM1 .....	49
7.1.1 Test Channel = Low Channel .....	49
7.2 Test Band = LTE_17 _TM1 .....	50
7.2.1 Test Channel = Low Channel .....	50
7.3 Test Band = LTE_17 _TM1 .....	51
7.3.1 Test Channel = Middle Channel .....	51
7.4 Test Band = LTE_17 _TM1 .....	52
7.4.1 Test Channel = Middle Channel .....	52
7.5 Test Band = LTE_17 _TM1 .....	53
7.5.1 Test Channel = High Channel .....	53

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

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

7.6	Test Band = LTE_17 _TM1 .....	54
7.6.1	Test Channel = High Channel .....	54
<b>8</b>	<b>FREQUENCY STABILITY .....</b>	<b>55</b>
8.1	FREQUENCY VS VOLTAGE .....	55
8.2	FREQUENCY VS TEMPERATURE .....	56



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

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

# 1 Effective (Isotropic) Radiated Power

## 1.1 Test Result

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

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

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



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Co., Ltd.  
SGS Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



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

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

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



| No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (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 | (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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

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

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



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

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

## Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

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

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



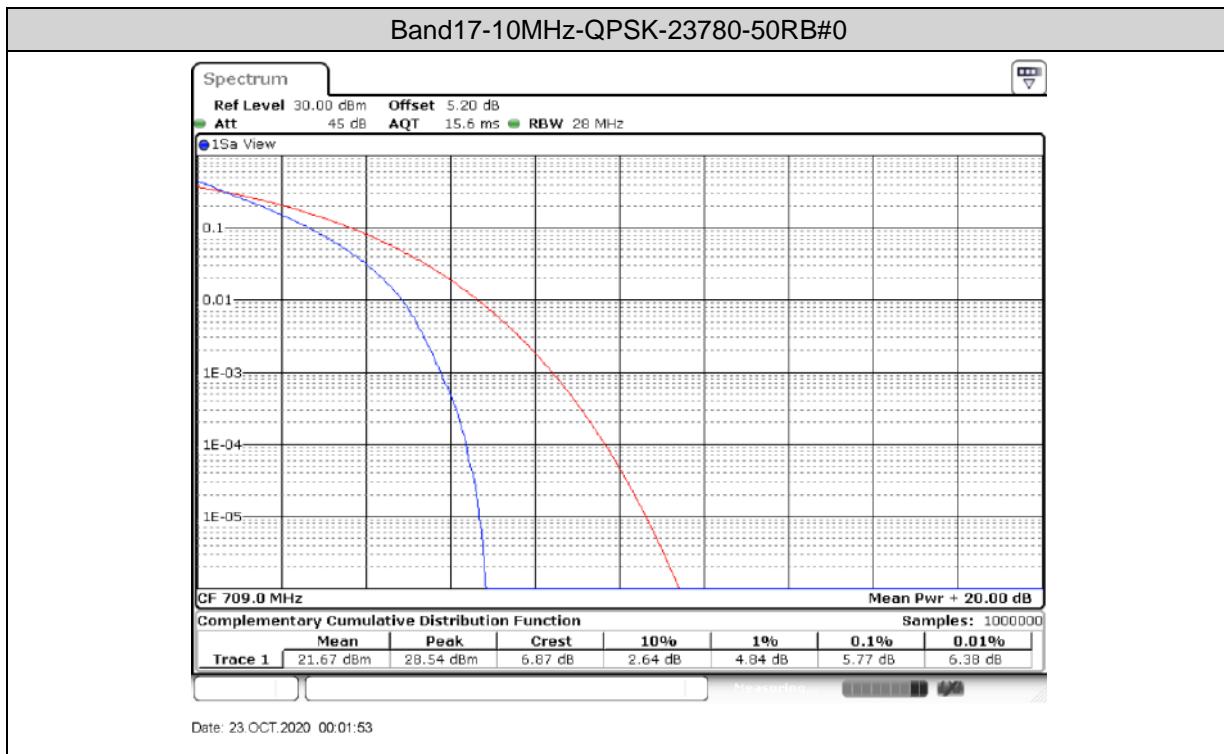
SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory  
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10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

## 2 Peak-to-Average Ratio (CCDF)

### 2.1 Test Result

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

### 2.2 Test Plots

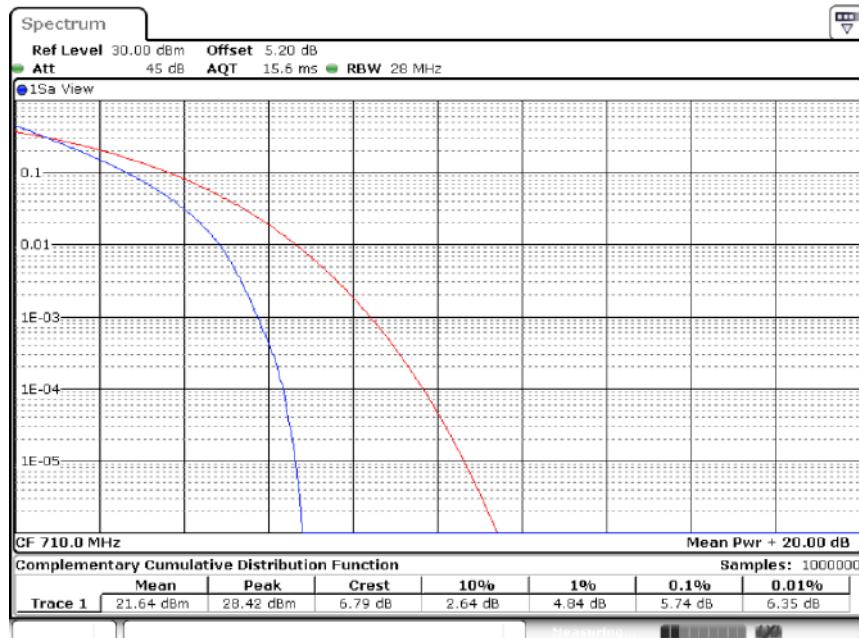


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

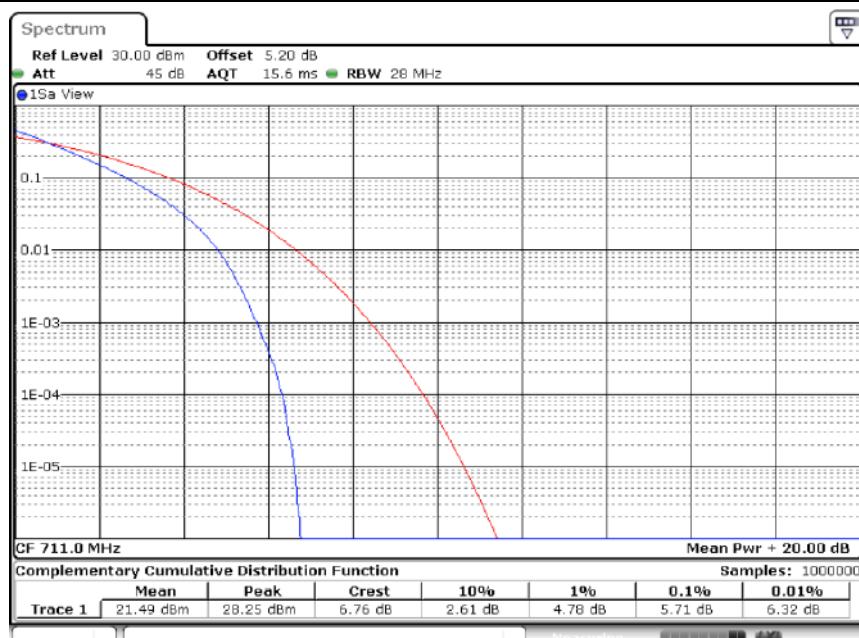


## Band17-10MHz-QPSK-23790-50RB#0



Date: 23 OCT. 2020 00:02:22

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



Date: 23 OCT. 2020 00:02:51

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

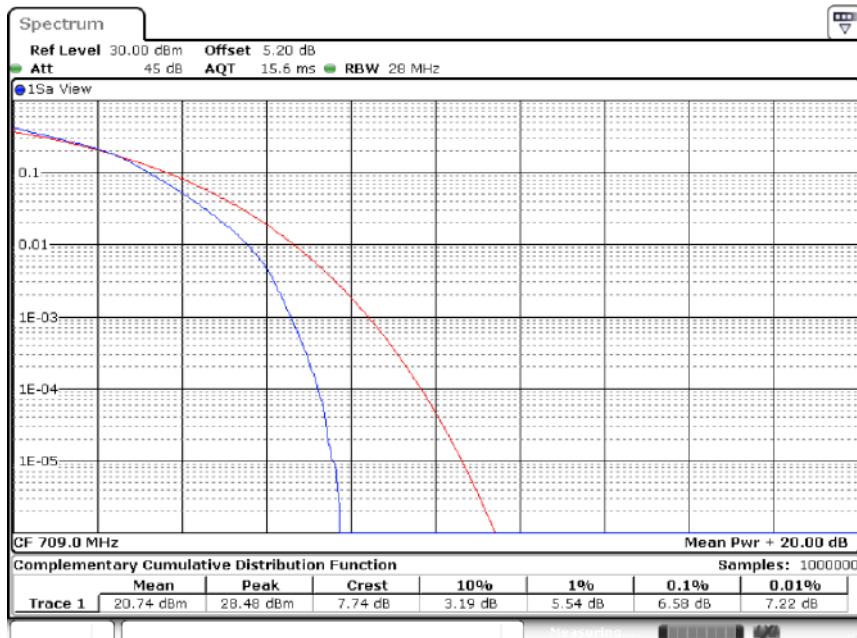
**Attention:** To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

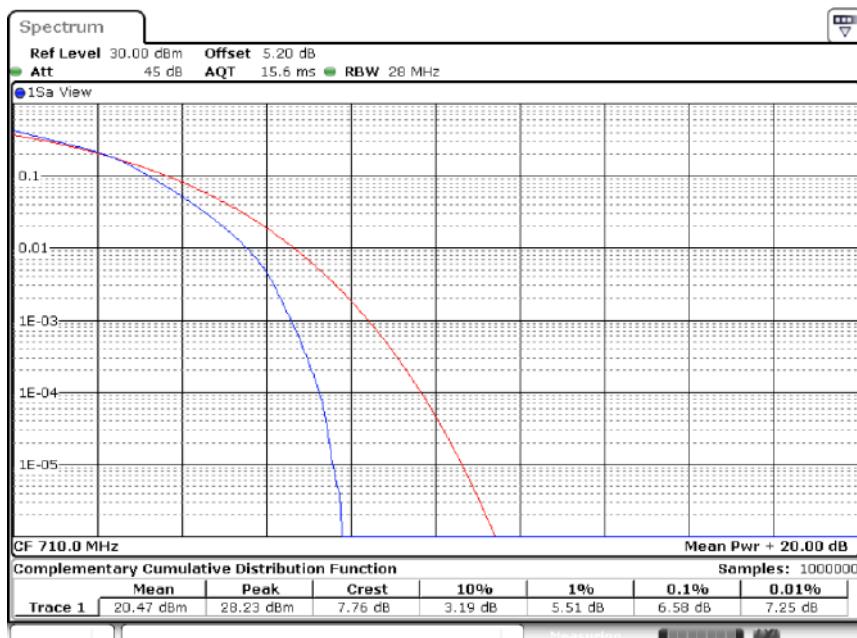
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



Date: 23 OCT. 2020 00:02:07

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

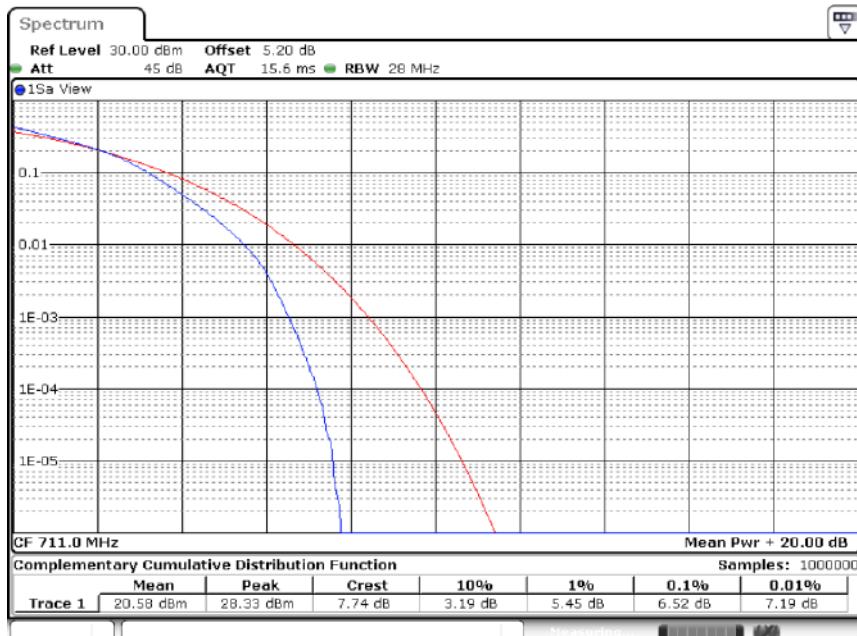


Date: 23 OCT. 2020 00:02:36

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

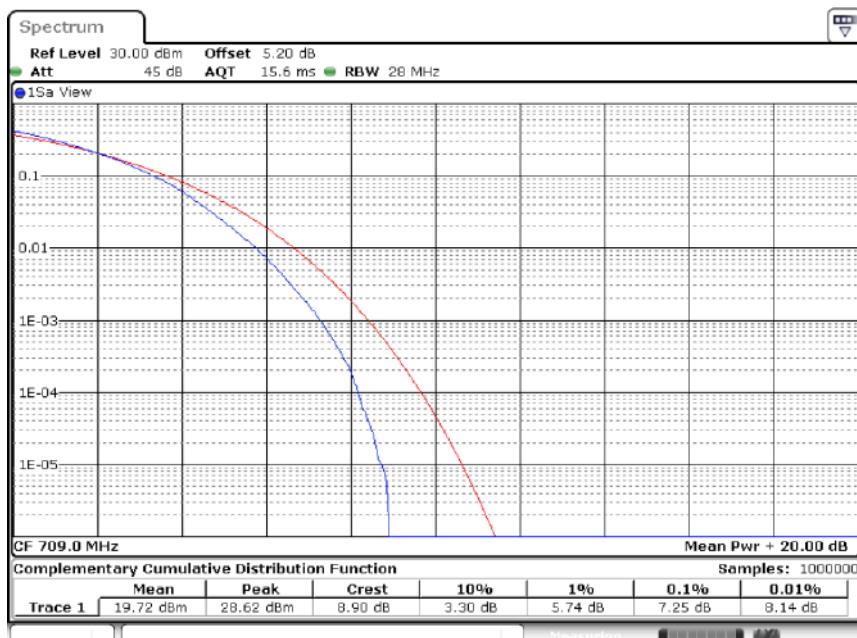
**Attention:** To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)

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



Date: 23 OCT. 2020 00:03:05

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

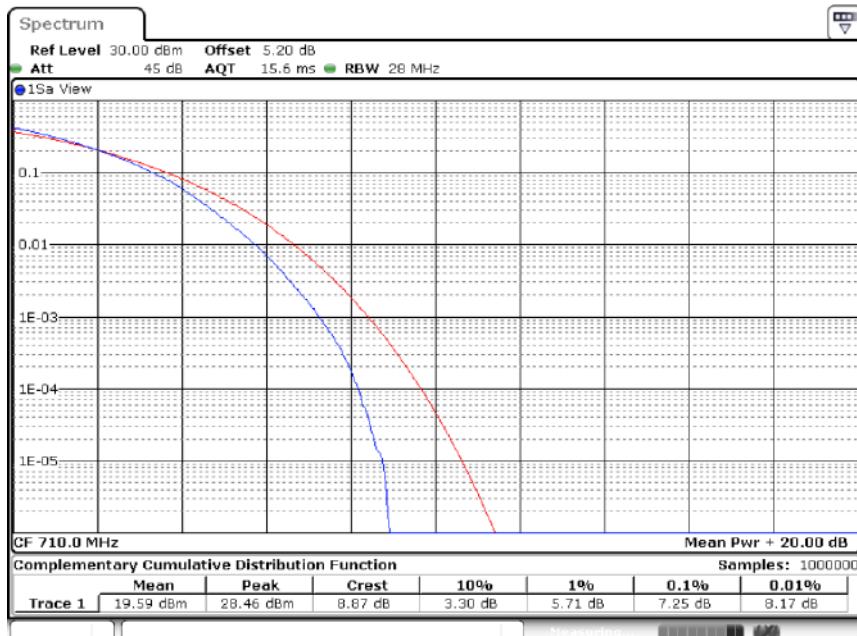


Date: 23 OCT. 2020 01:14:35

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

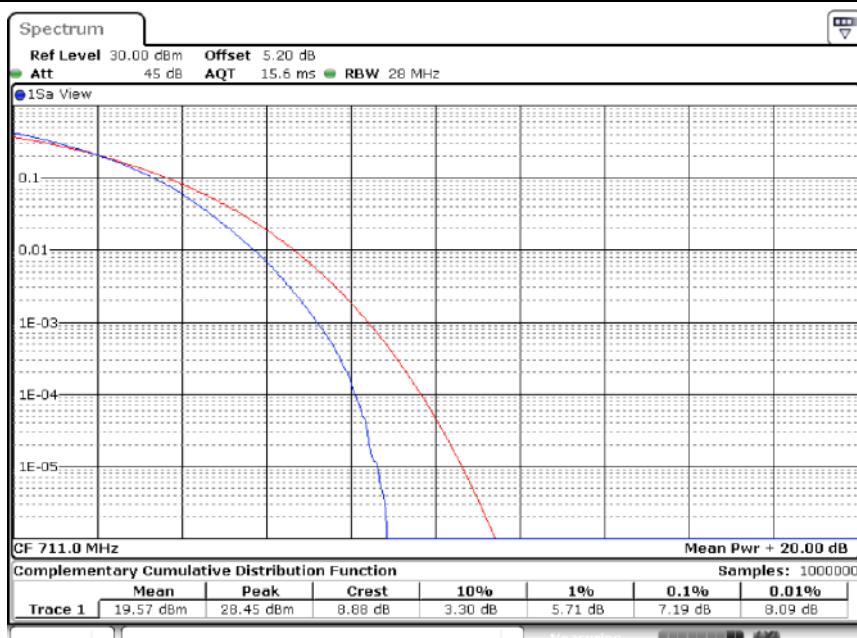
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_DocCheck@sgs.com](mailto:CN_DocCheck@sgs.com)

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



Date: 23 OCT. 2020 01:14:50

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



Date: 23 OCT. 2020 01:15:07

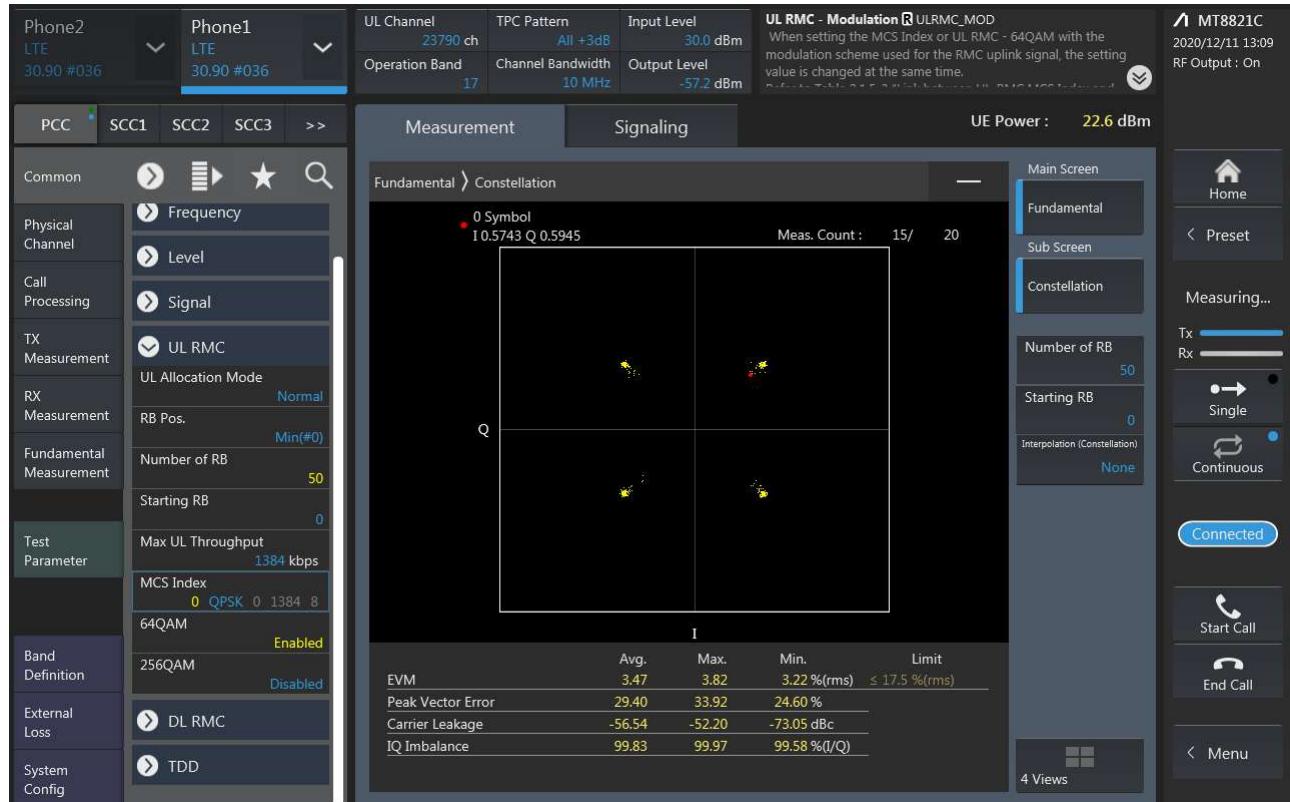
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

### 3 Modulation Characteristics

#### 3.1 Test Mode = LTE /TM1 10MHz

##### 3.1.1 Test Channel = MCH



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

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

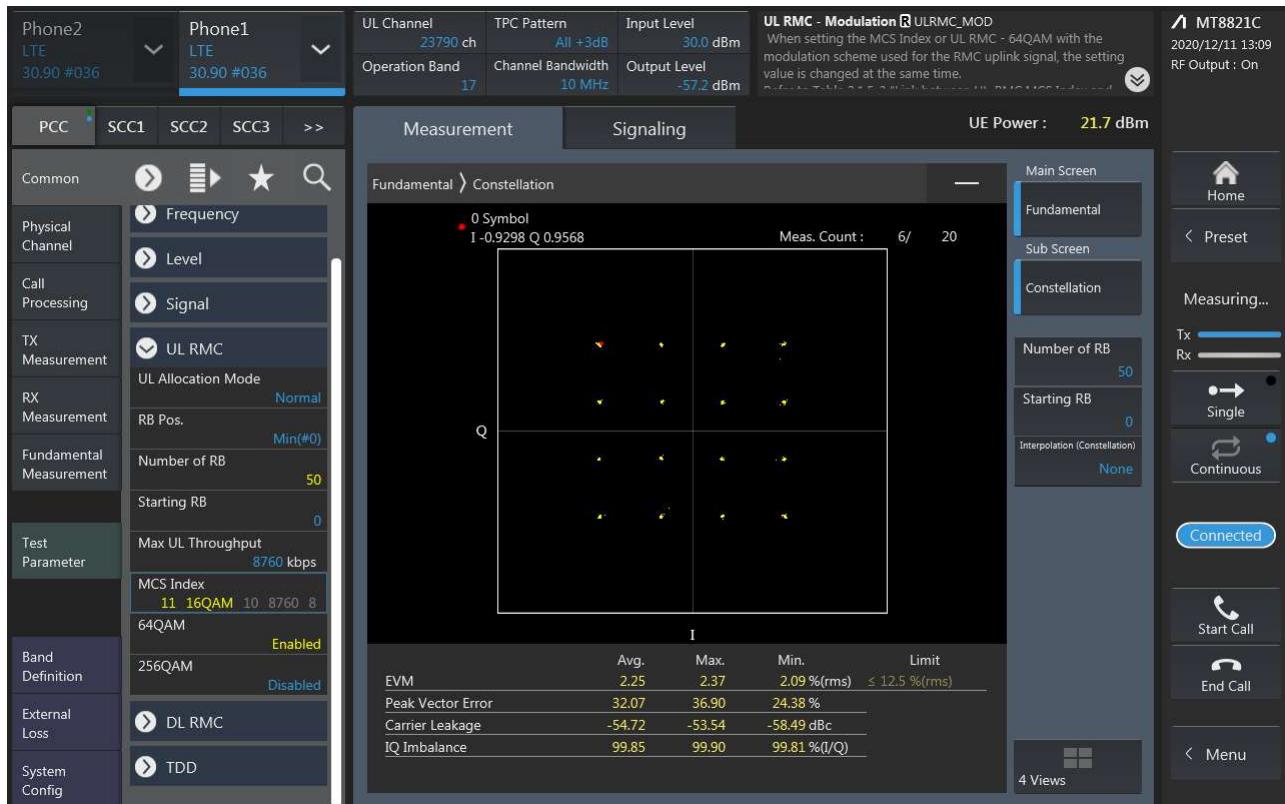


SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

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

## 3.2 Test Mode = LTE /TM2 10MHz

### 3.2.1 Test Channel = MCH

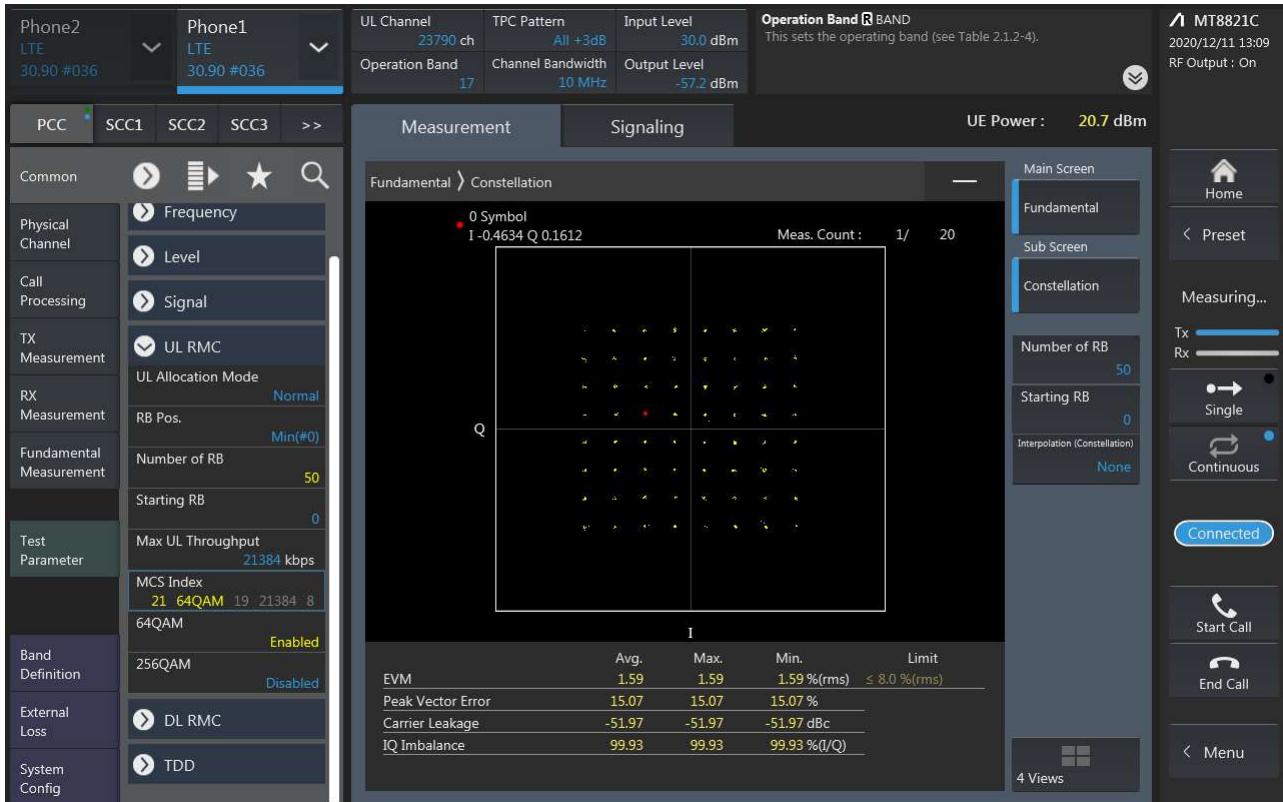


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

### 3.3 Test Mode = LTE /TM3 10MHz

#### 3.3.1 Test Channel = MCH



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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Decccheck@sgs.com](mailto:CN_Decccheck@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 | (86-755) 26012053 f (86-755) 26710594 | [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 | 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 | [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 4 26dB Bandwidth and Occupied Bandwidth

### 4.1 Test Result

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

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

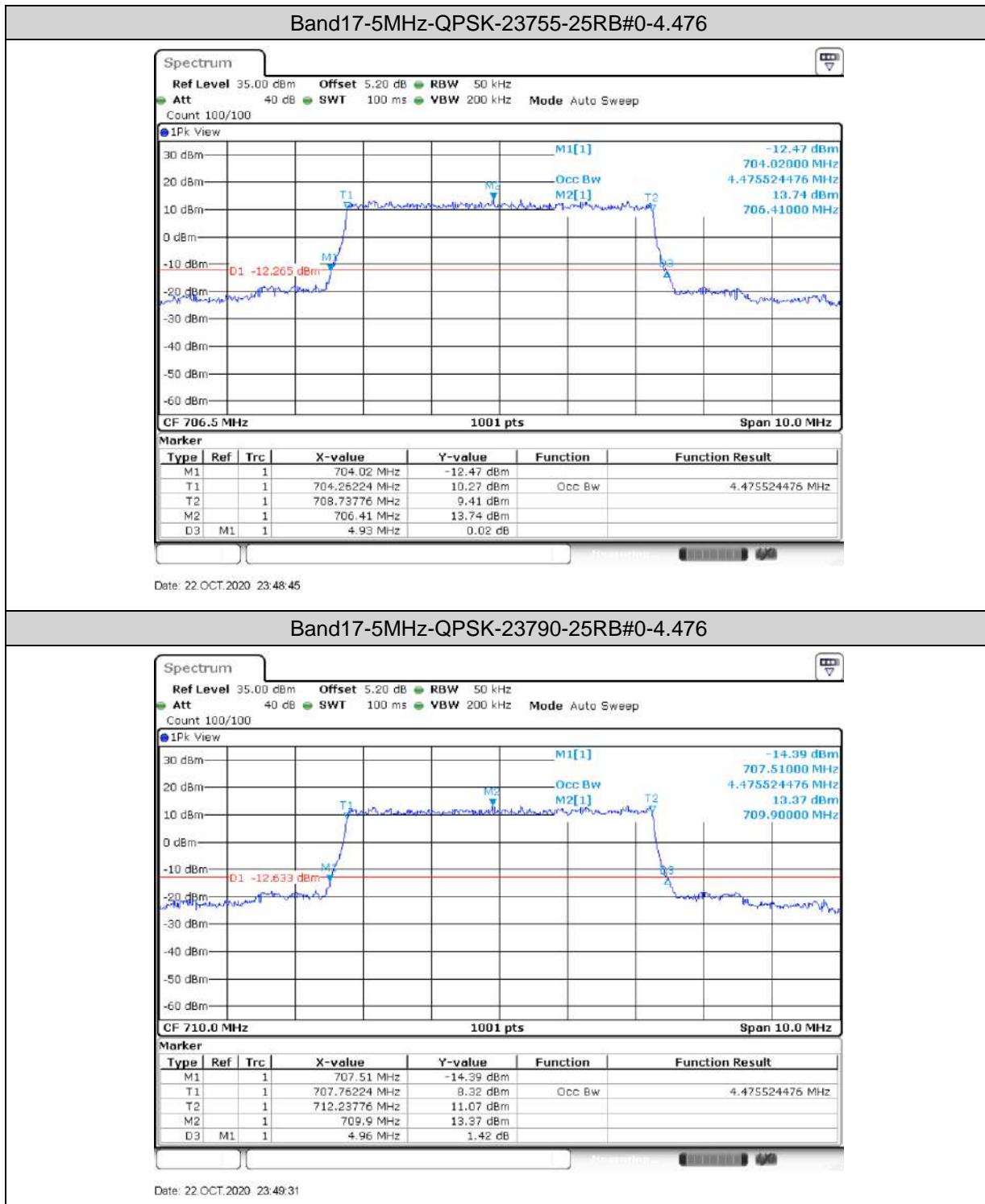
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN-Decccheck@sgs.com](mailto:CN-Decccheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

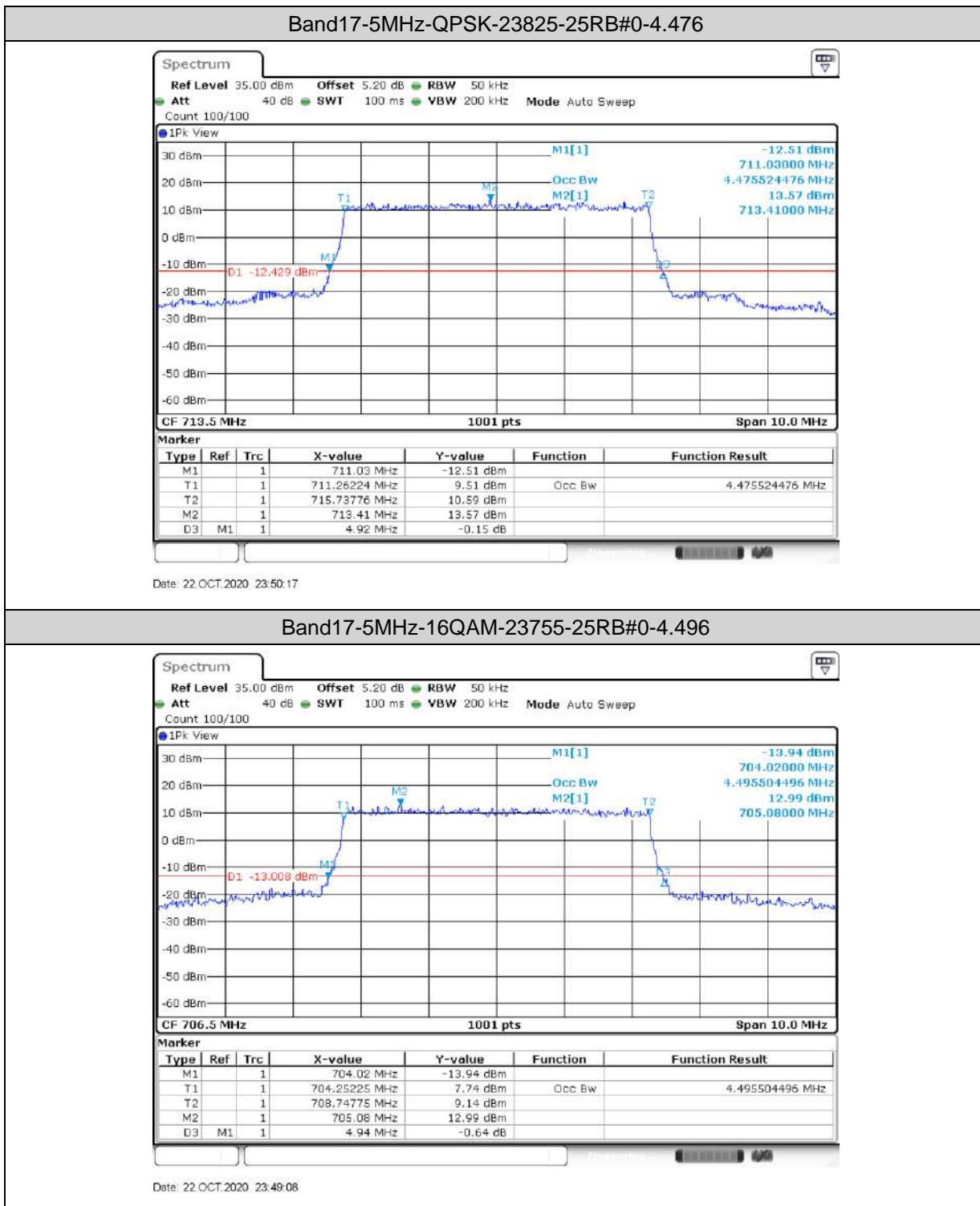
SGS Group | No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 4.2 Test Plots



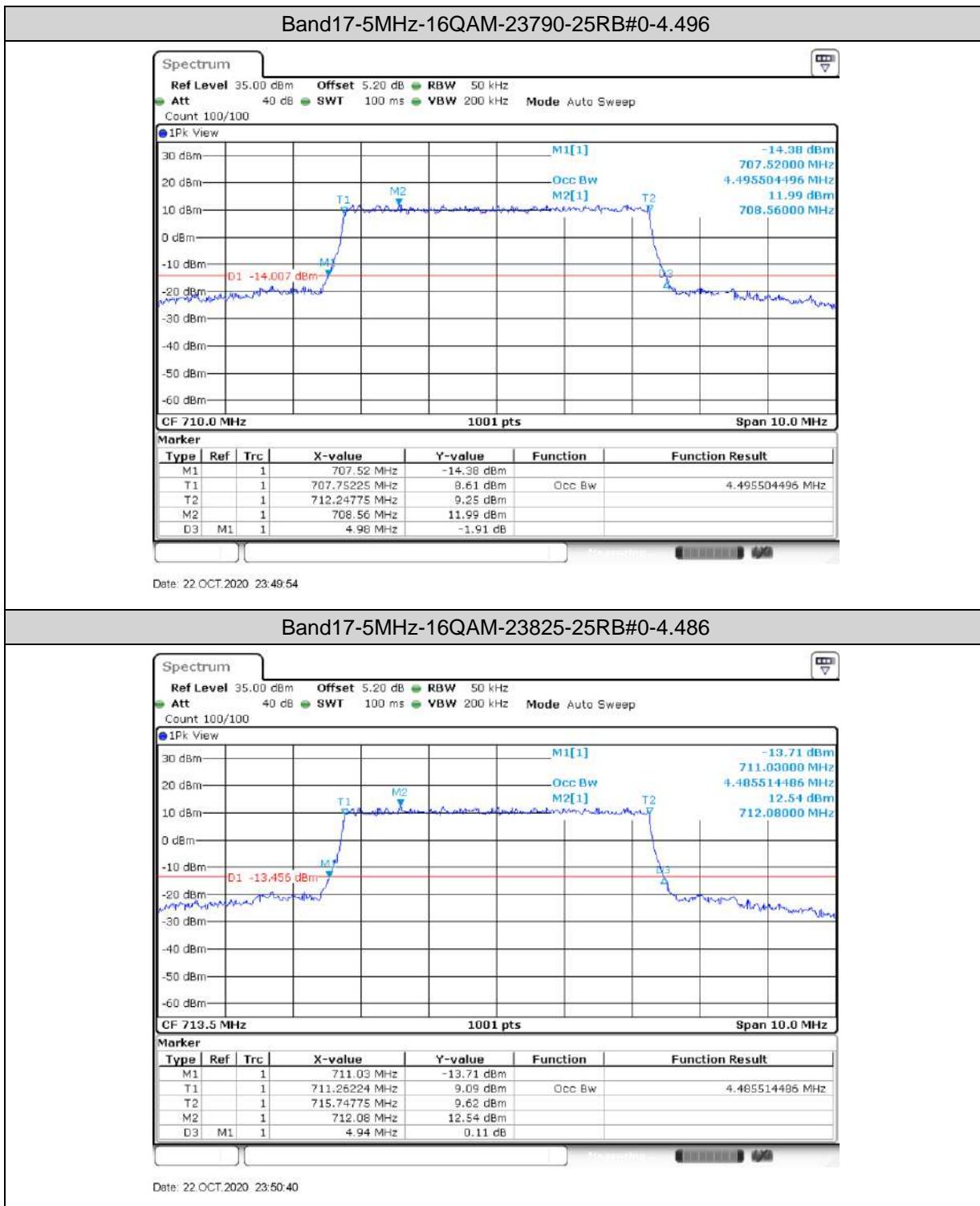
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



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

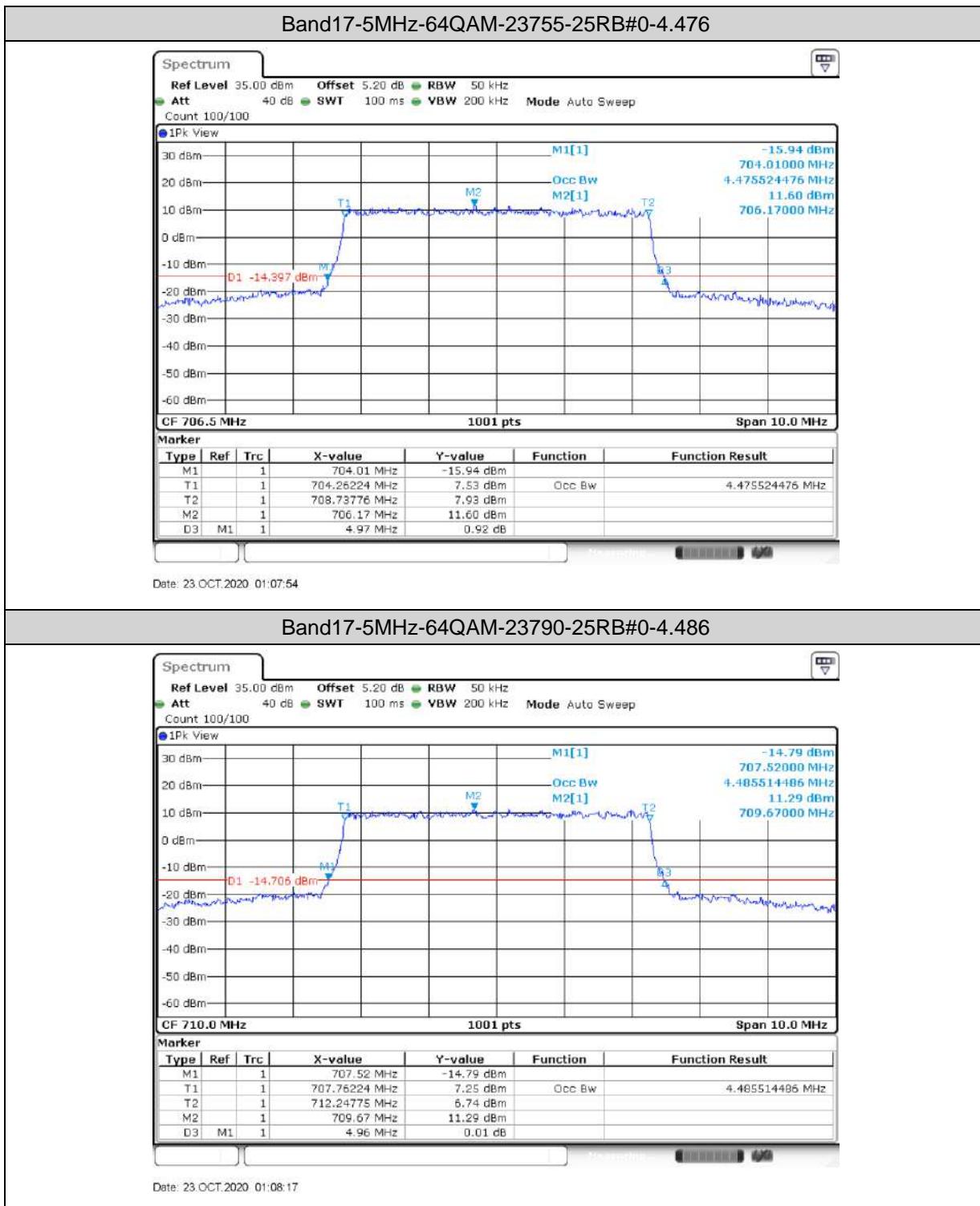
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)



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

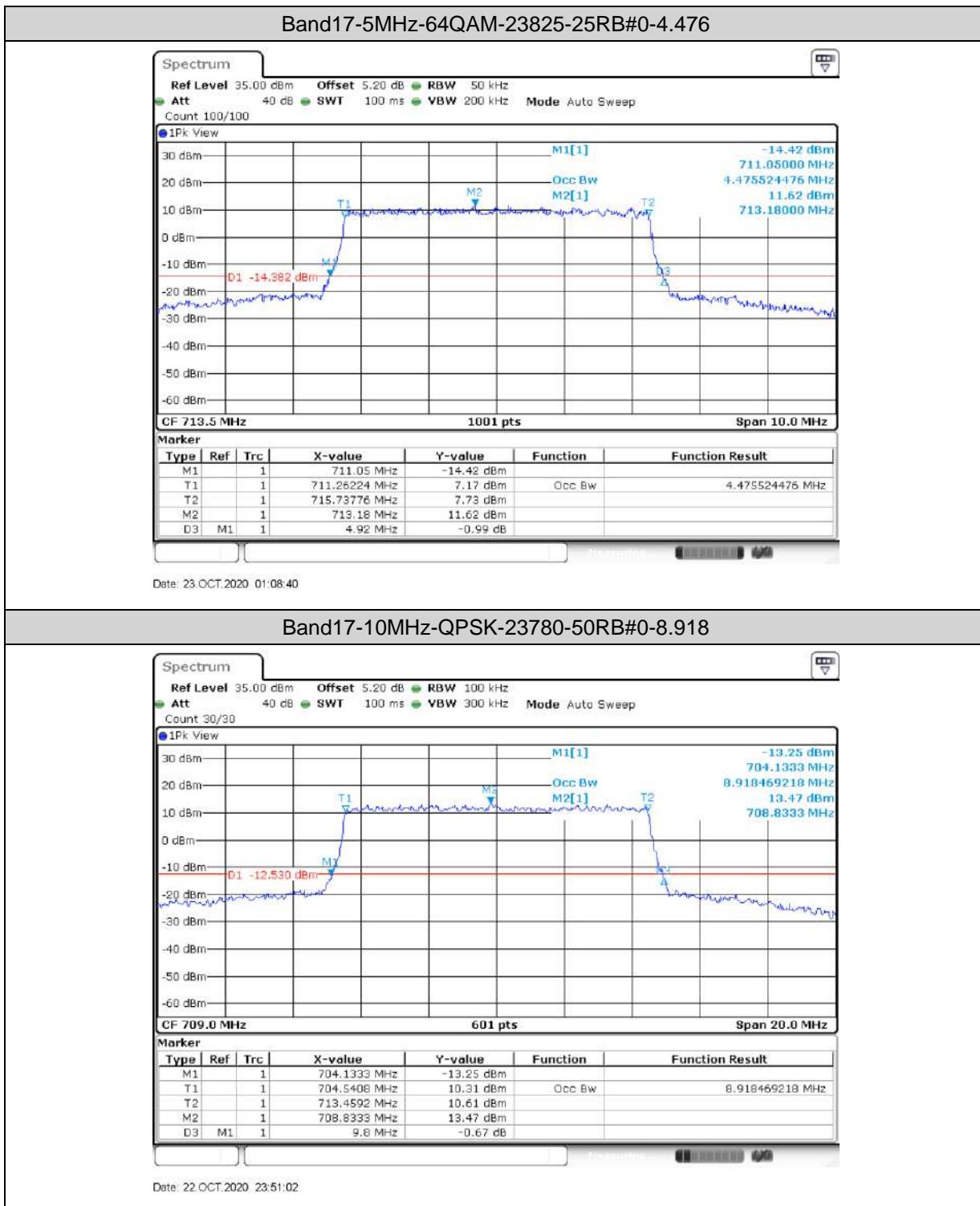
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)





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

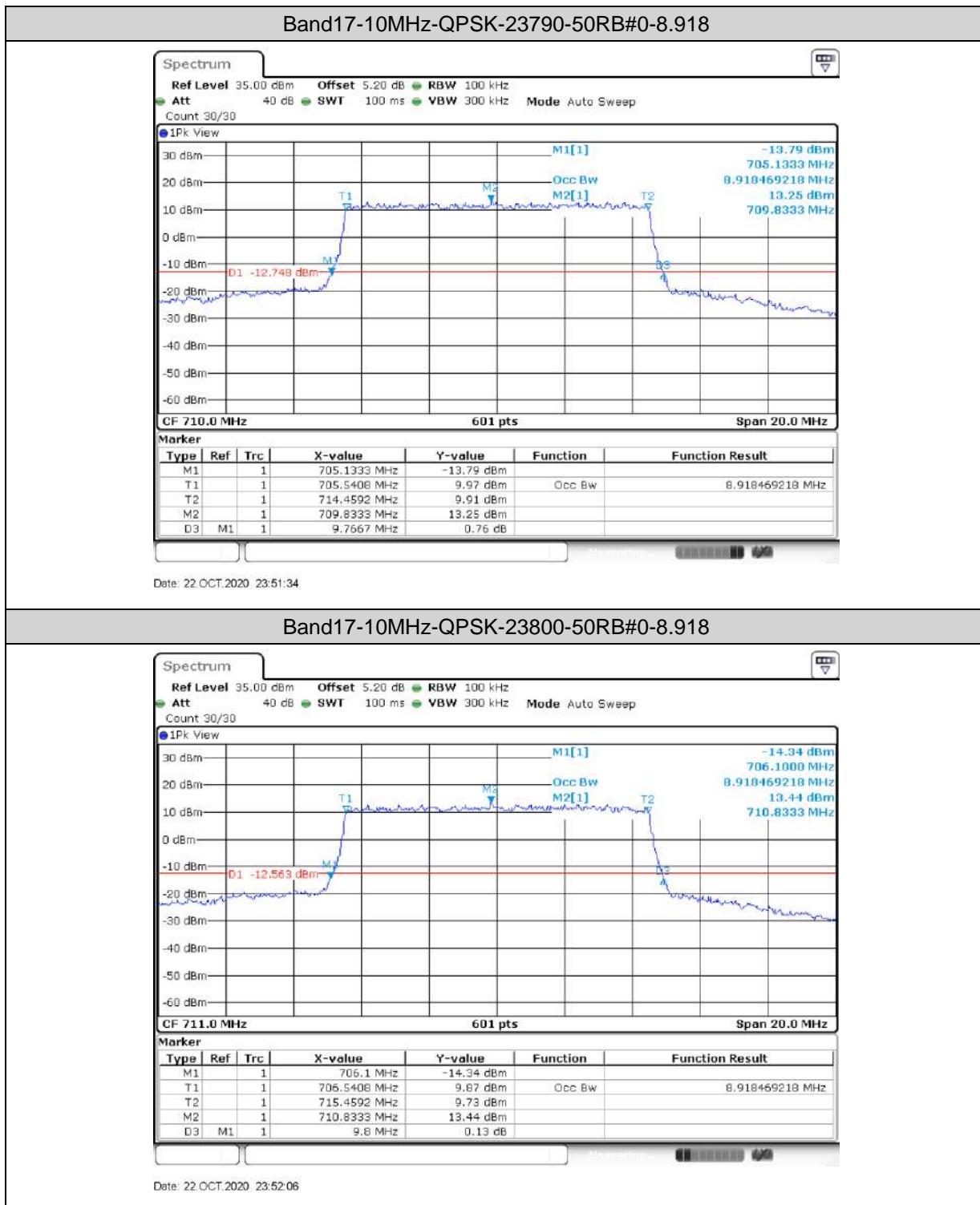
**Attention:** To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)



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





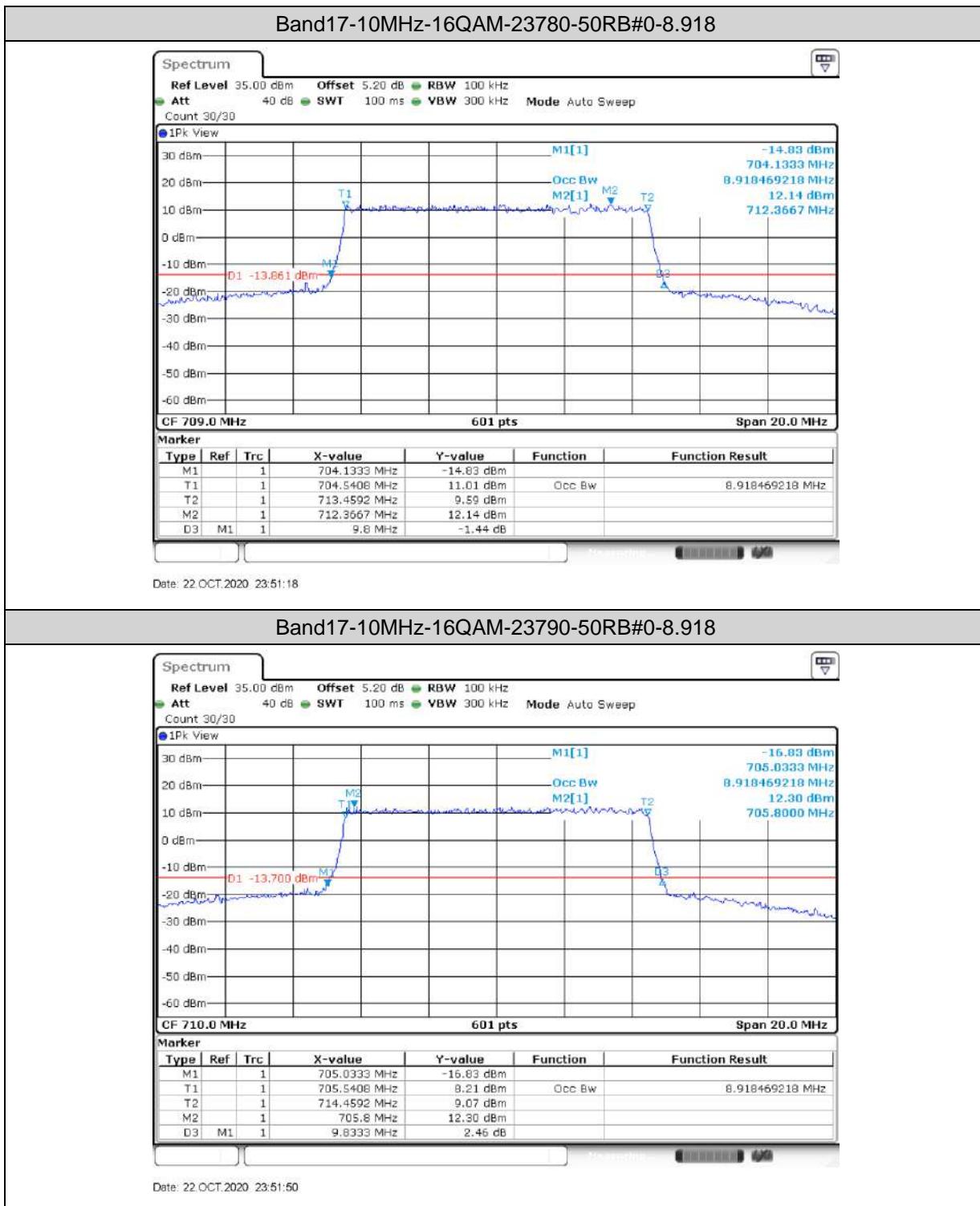
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



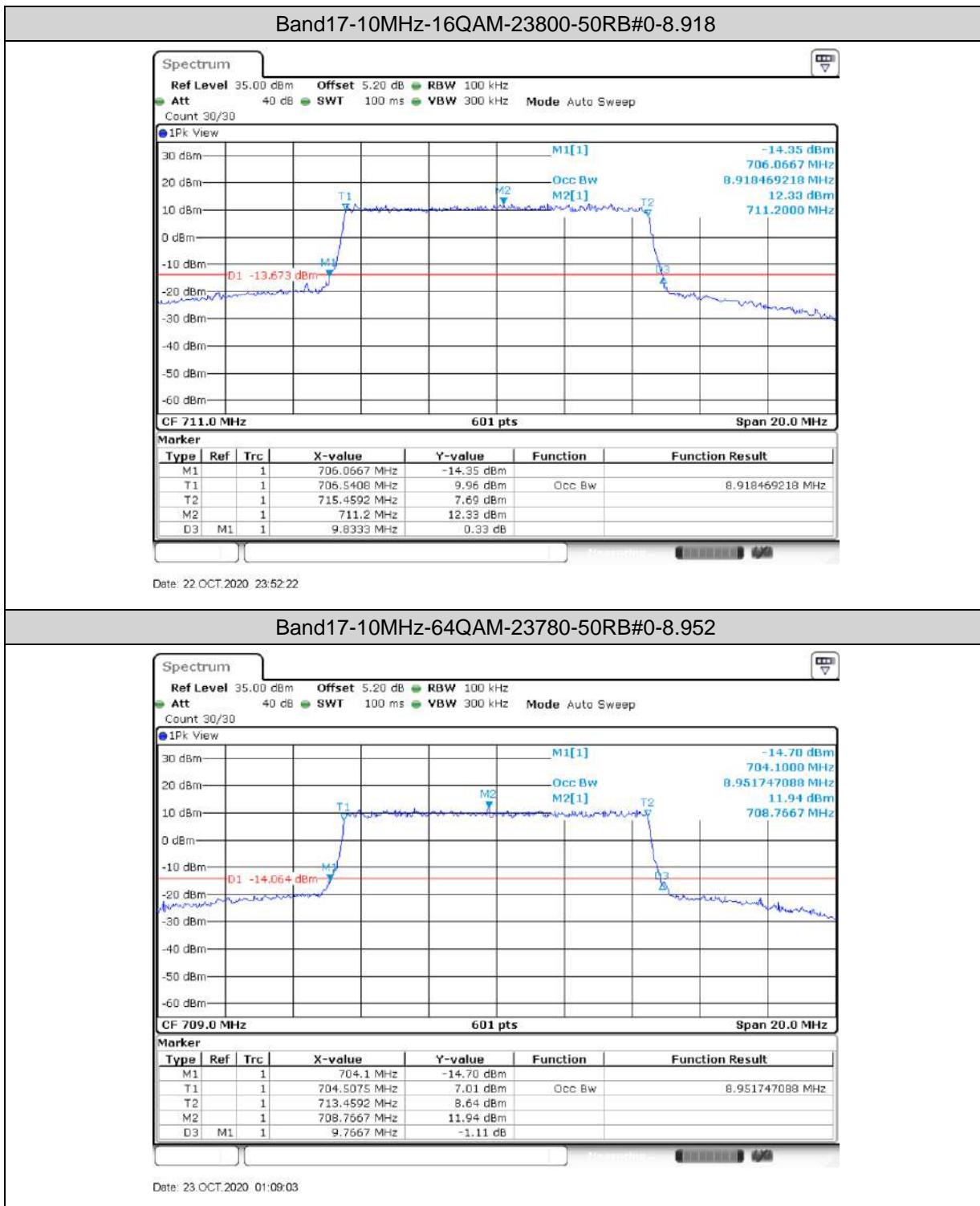
SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

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



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

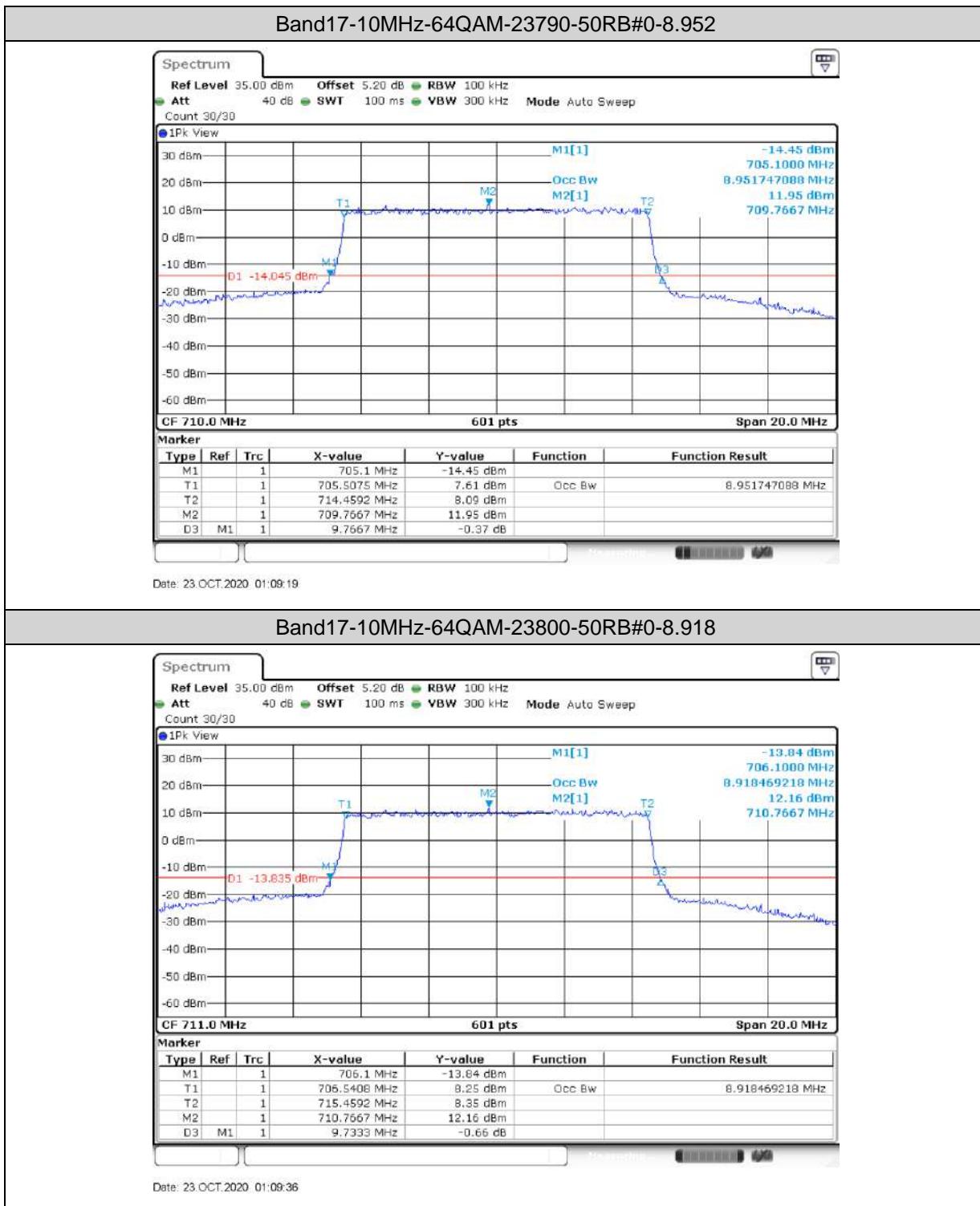
**Attention:** To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)



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





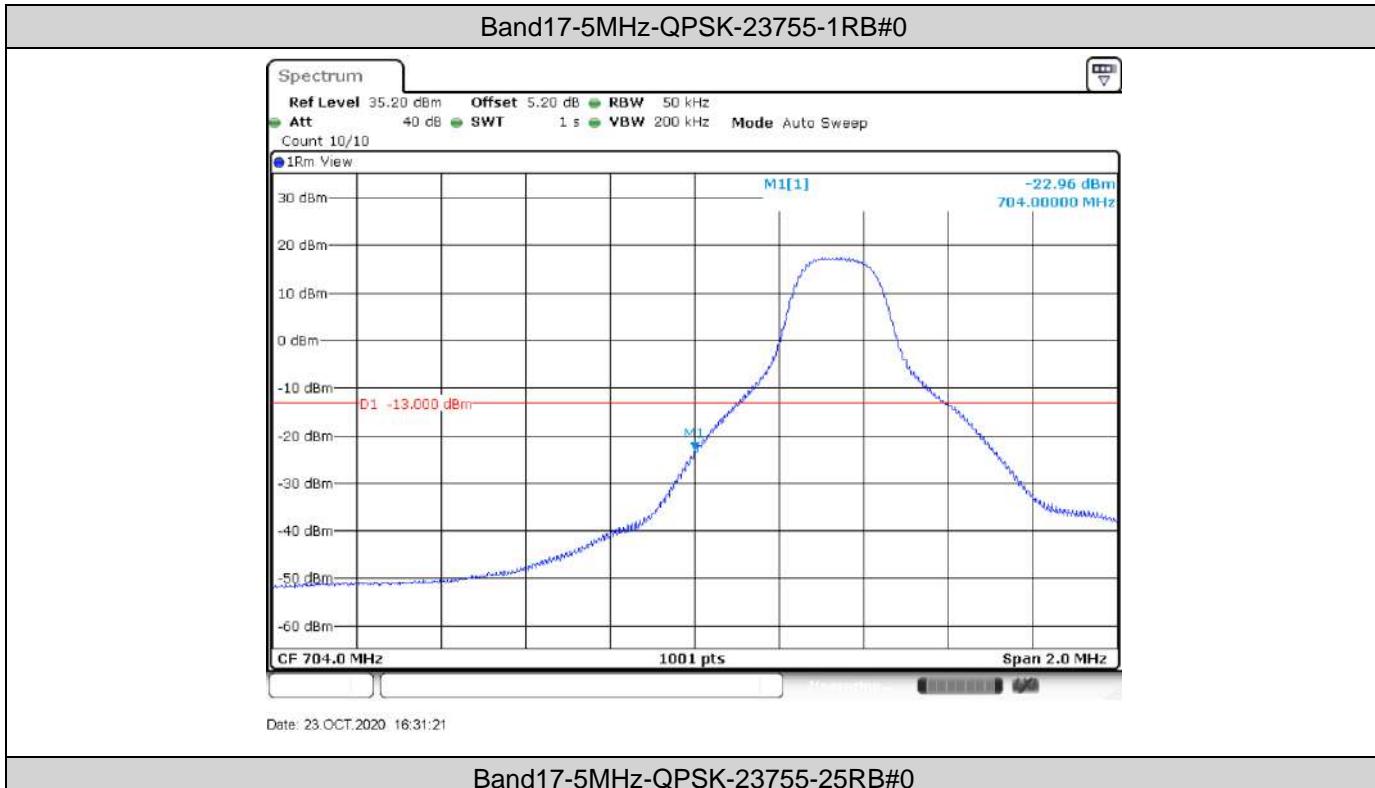
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



## 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-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\\_Decccheck@sgs.com](mailto:CN_Decccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://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](mailto:sgs.china@sgs.com)



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

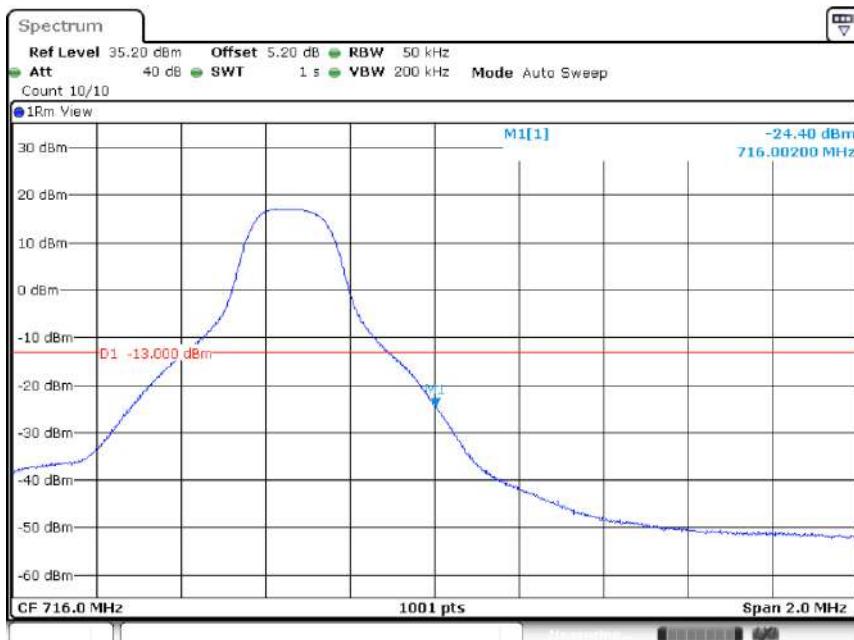
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@sgs.com)



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

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

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



Date: 23 OCT. 2020 16:32:48

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



Date: 23 OCT. 2020 16:33:29

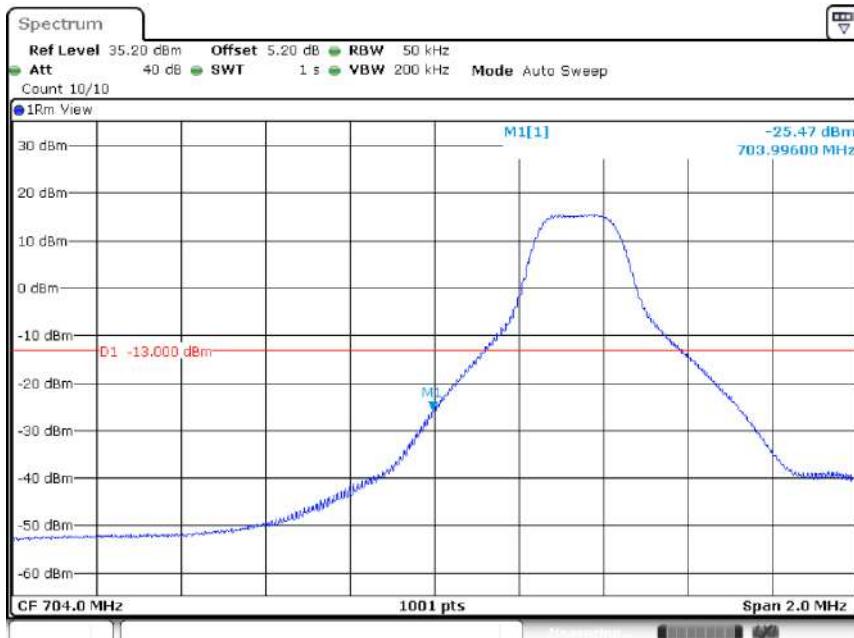
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@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 | (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-23755-1RB#0



Date: 23 OCT. 2020 16:54:09

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



Date: 23 OCT. 2020 16:54:29

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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



Date: 23 OCT 2020 16:54:55

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



Date: 23 OCT 2020 16:55:16



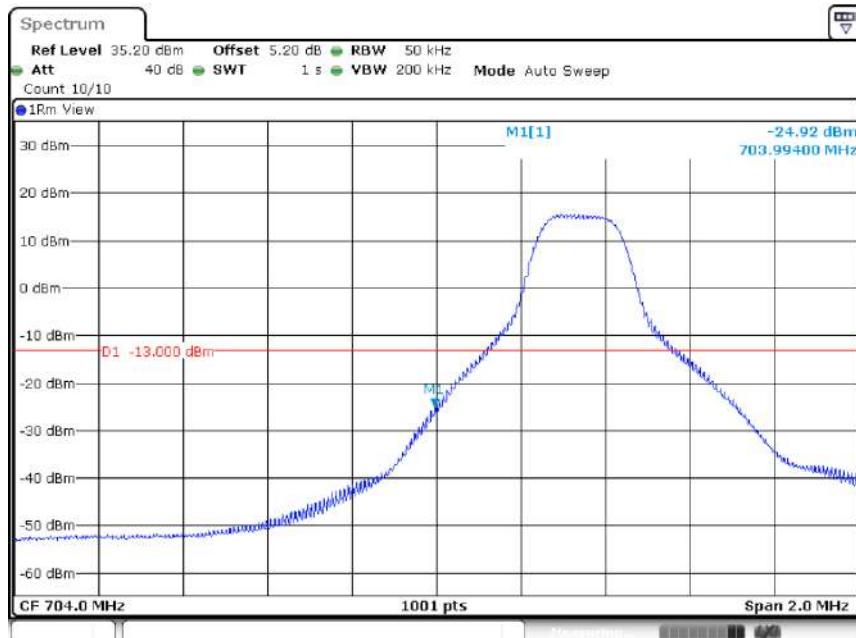
**Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the reverse, available on the internet at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: CN.Doccheck@sas.com**

SGS-CST & Standards Technical Services Co.,Ltd.  
Shenzhen Branch Testing Services Co.,Ltd Laboratory.

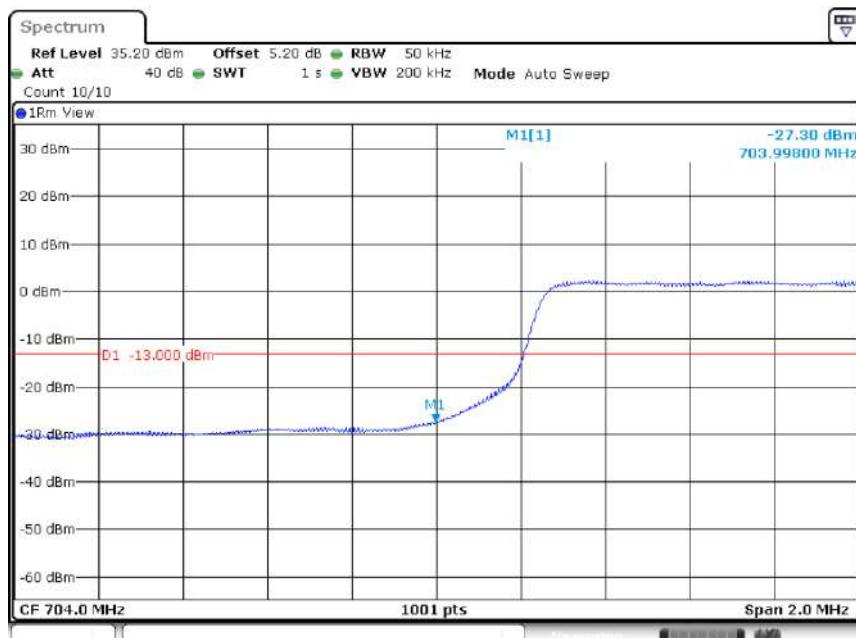
or email: CN.Doccheck@sgs.com  
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594  
www.sgsgroup.com.cn  
sgs.china@sgs.com

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



Date: 23 OCT.2020 16:31:41

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



Date: 23 OCT.2020 16:32:23

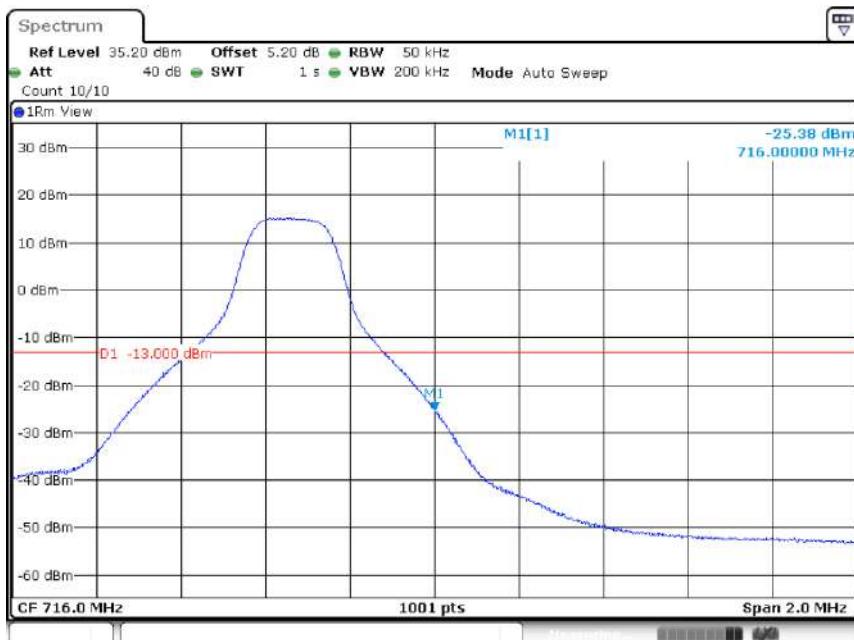
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



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

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



Date: 23 OCT 2020 16:33:09

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



Date: 23 OCT 2020 16:33:50

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

the appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

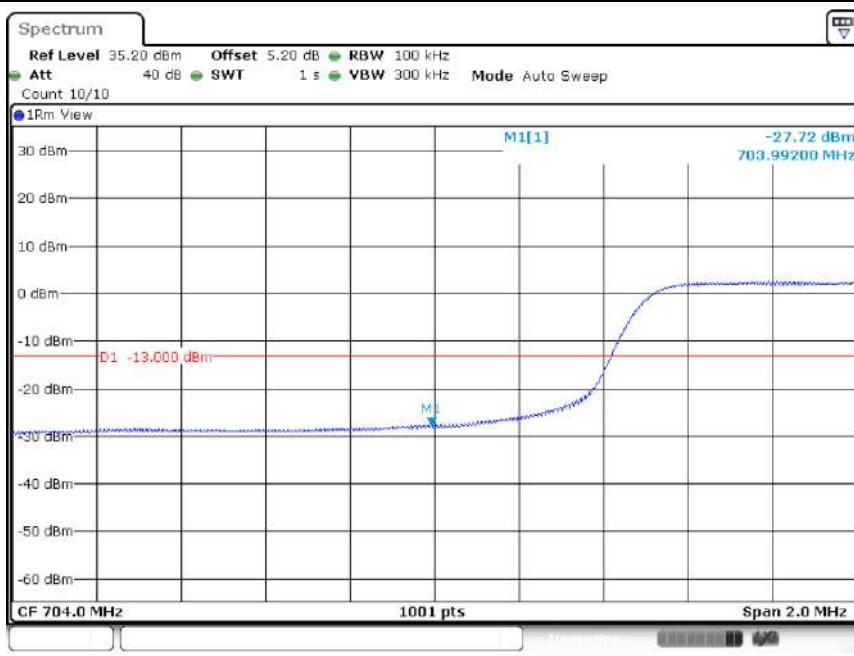
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com  
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 | (86-755) 26710594  
中国·深圳·科技园中区M-10栋一楼厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594  
www.sgsgroup.com.cn  
sgs.china@sgs.com

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



Date: 23 OCT. 2020 16:34:16

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



Date: 23 OCT. 2020 16:34:58

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

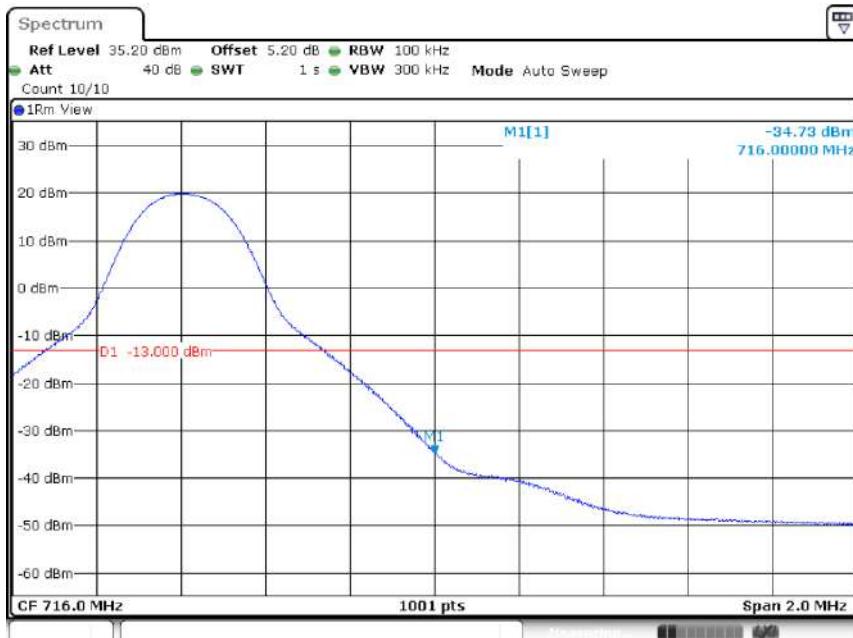
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@sgs.com)



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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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



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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@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 | (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 | (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 23 OCT. 2020 16:55:52

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



Date: 23 OCT. 2020 16:56:13

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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@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  
中国·深圳·科技园中区M-10栋一号厂房  
邮编: 518057  
I (86-755) 26012053 f (86-755) 26710594  
www.sgsgroup.com.cn  
sgs.china@sgs.com

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



Date: 23 OCT. 2020 16:56:39

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



Date: 23 OCT. 2020 16:56:59

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

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



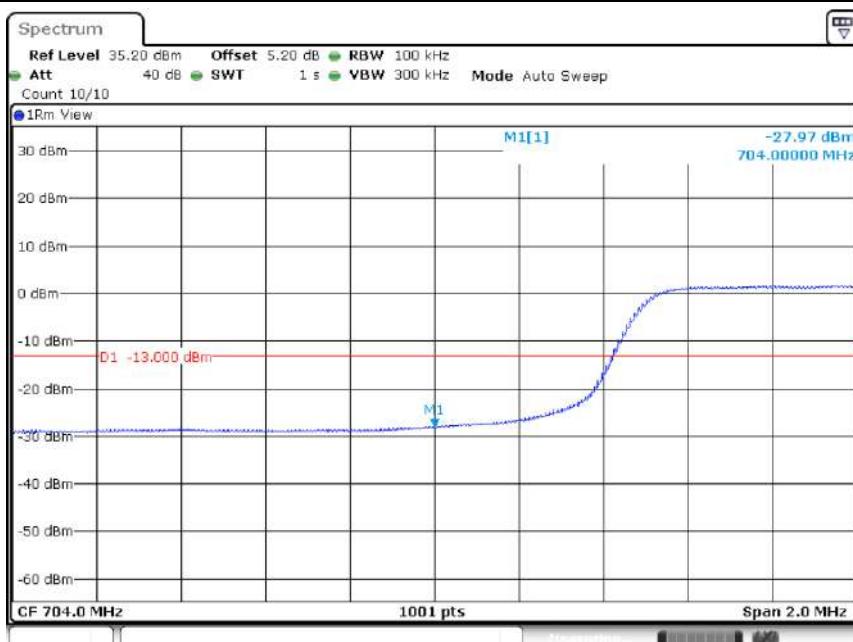
SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory  
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057  
中国·深圳·科技园中区M-10栋一号厂房  
邮编: 518057  
I (86-755) 26012053 f (86-755) 26710594  
www.sgsgroup.com.cn  
sgs.china@sgs.com

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



Date: 23 OCT. 2020 16:34:37

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



Date: 23 OCT. 2020 16:35:18

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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



Date: 23 OCT. 2020 16:36:06

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



Date: 23 OCT. 2020 16:36:47

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

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



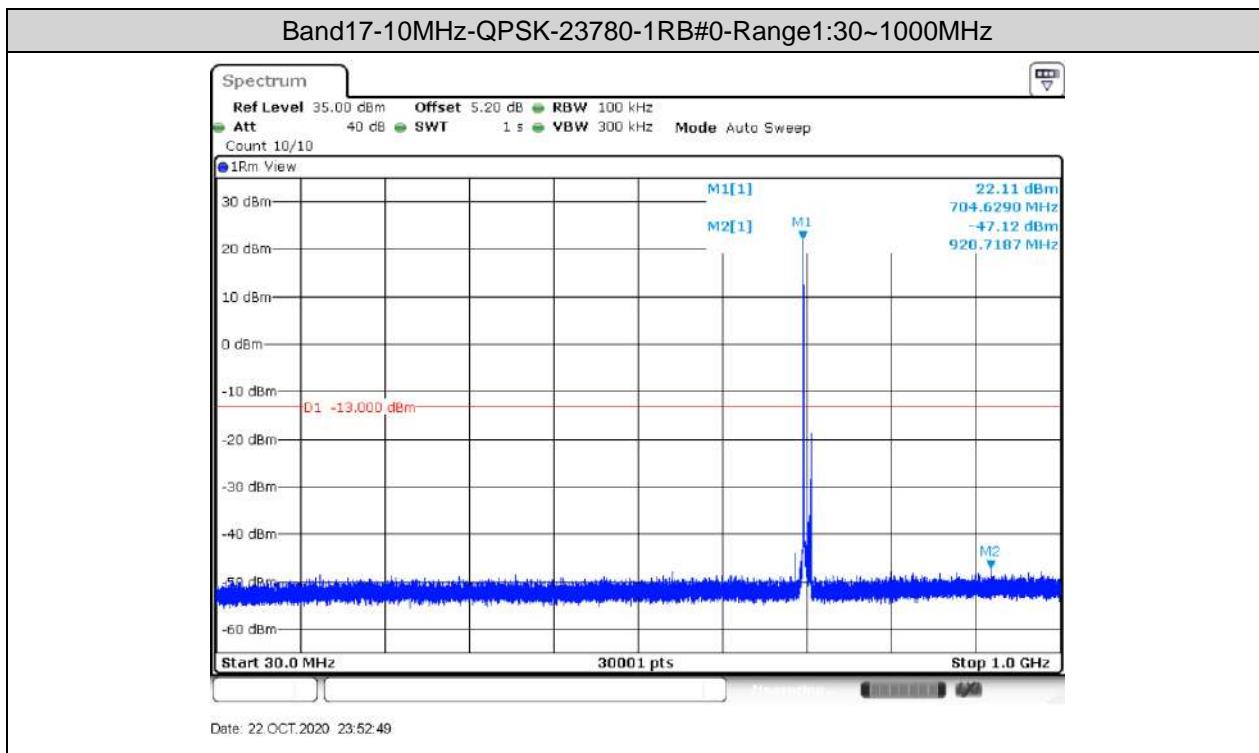
SGS-CSTC Standards Technical Services Co., Ltd. | No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 | [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
Shenzhen Branch Inspection & Testing Services Co., Ltd. Laboratory | 中国·深圳·科技园中区M-10栋一号厂房 | 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 | [sgs.china@sgs.com](mailto: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  $< \text{RBW}/2$  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.

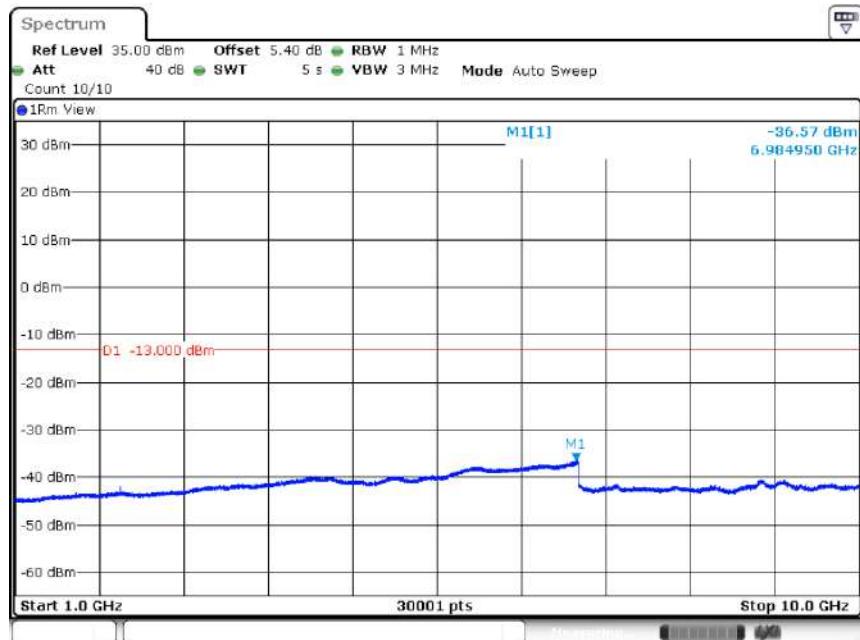
### 6.1 Test Plots



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-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.

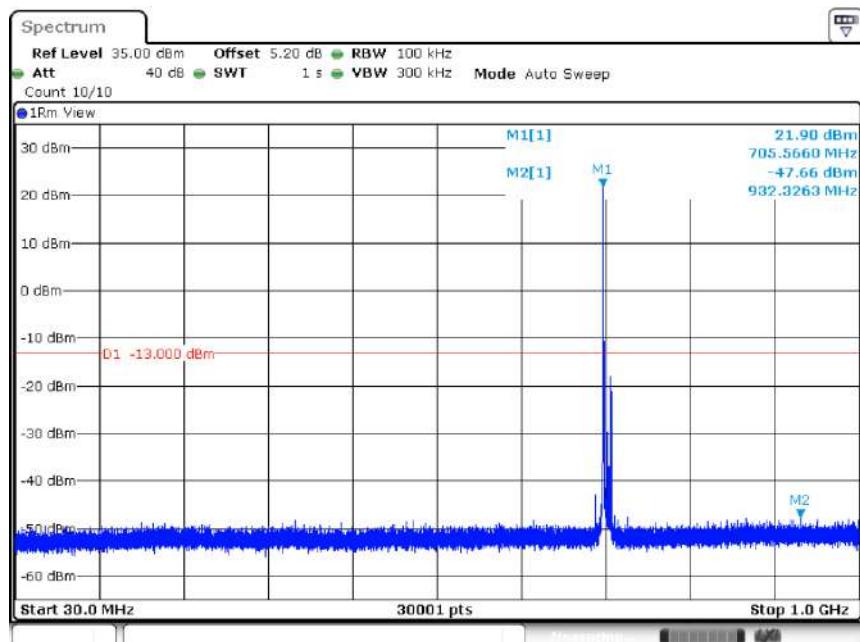
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Decccheck@sgs.com](mailto:CN_Decccheck@sgs.com)

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



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

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



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

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

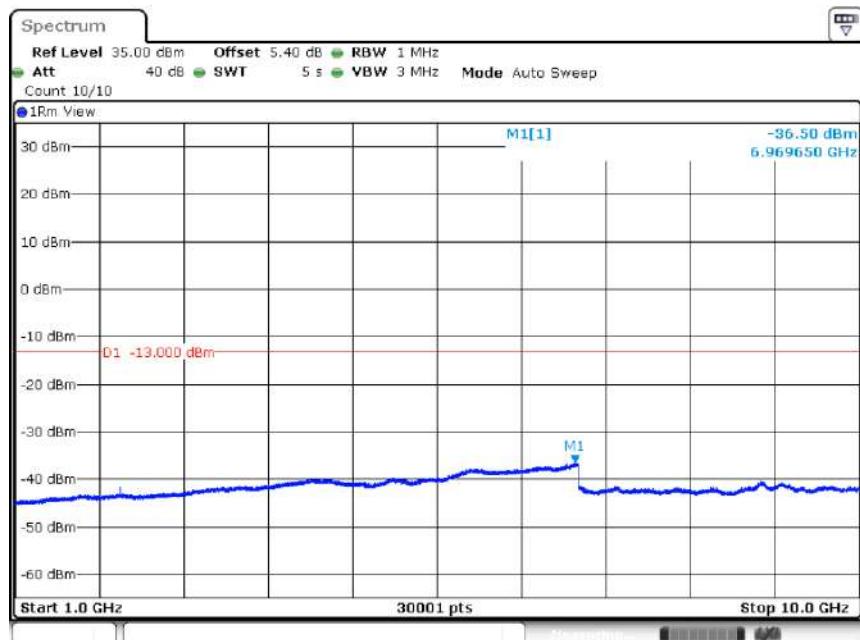
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

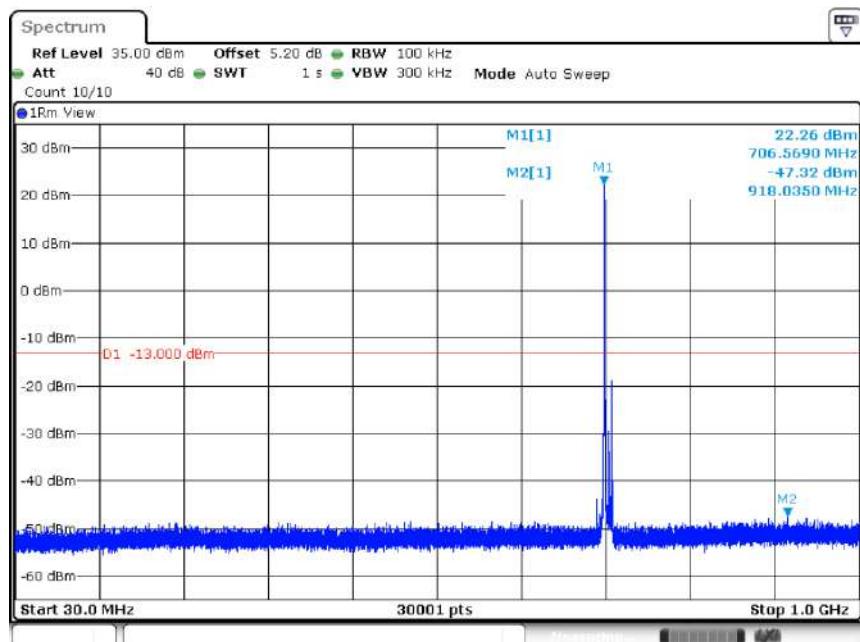
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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

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



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

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

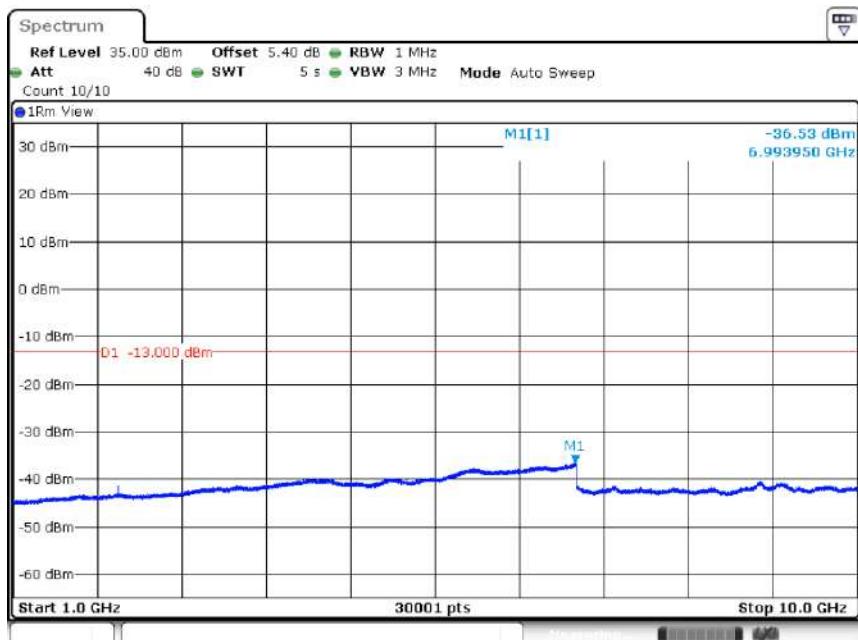
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_DocCheck@sgs.com](mailto:CN_DocCheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

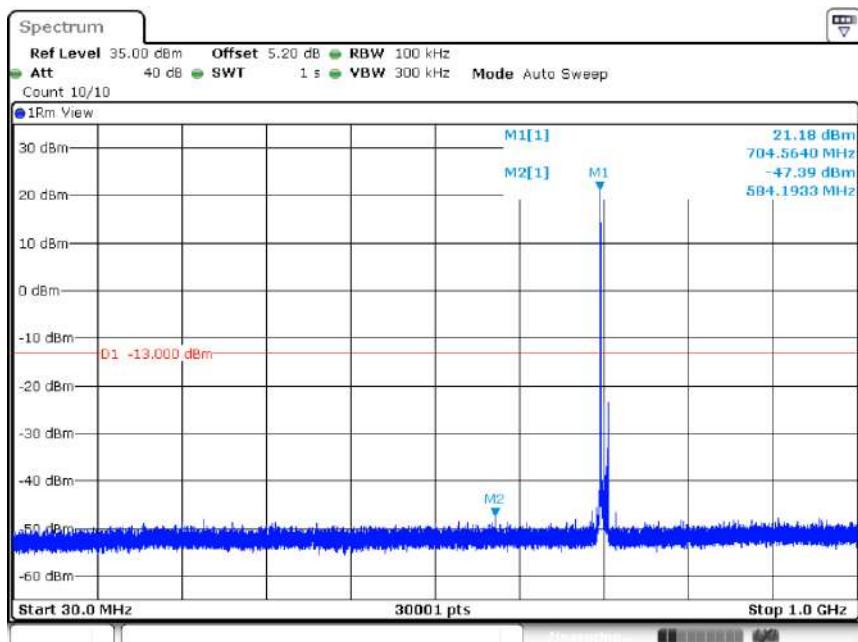
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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

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



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

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

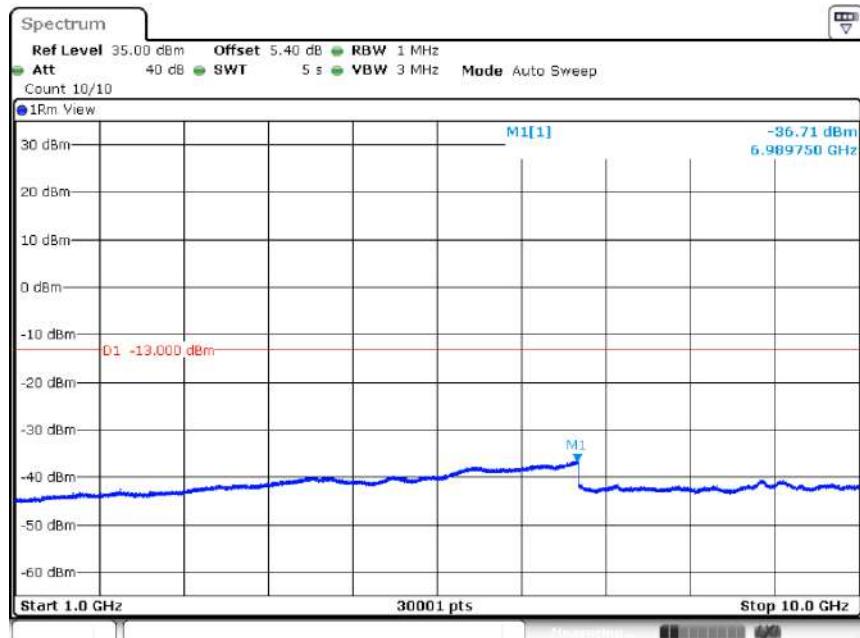
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_DocCheck@sgs.com](mailto:CN_DocCheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

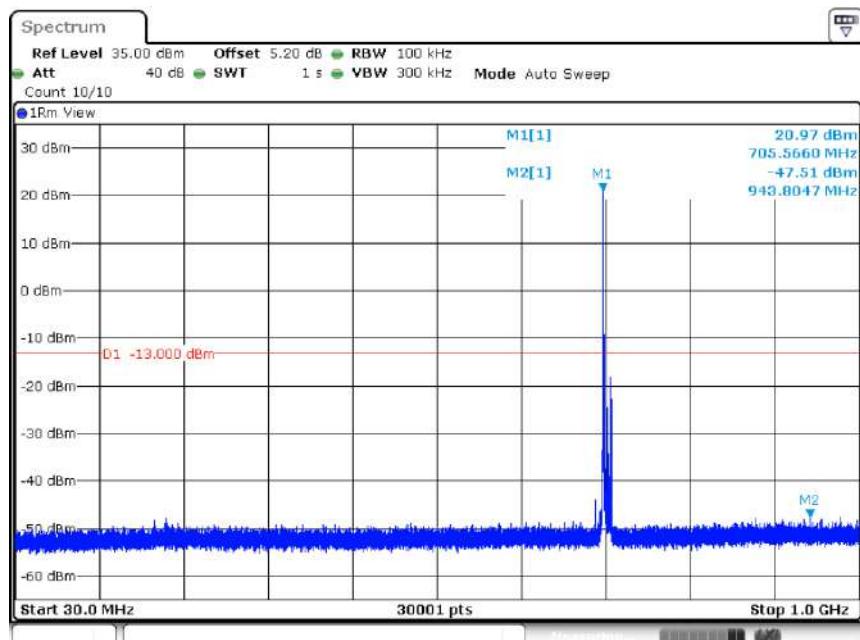
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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

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



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

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

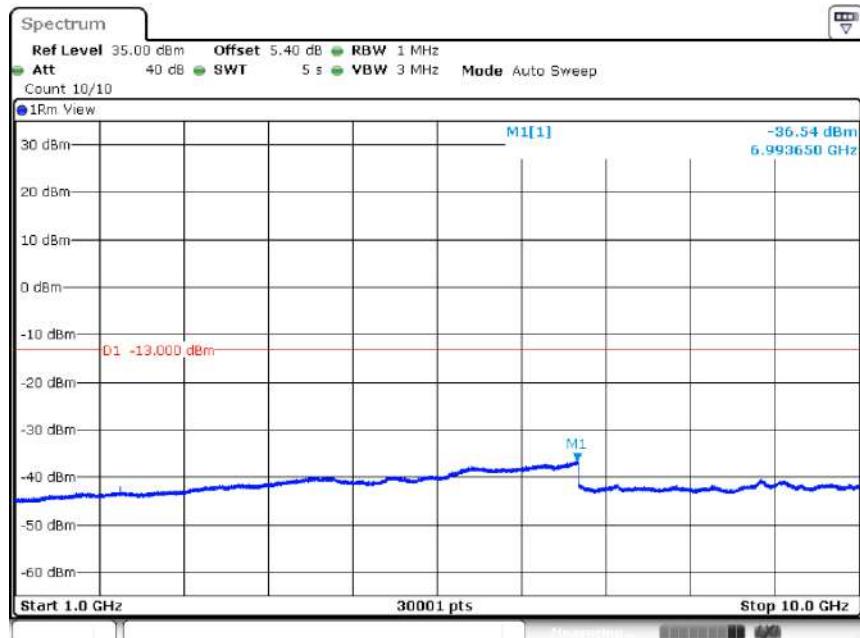
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

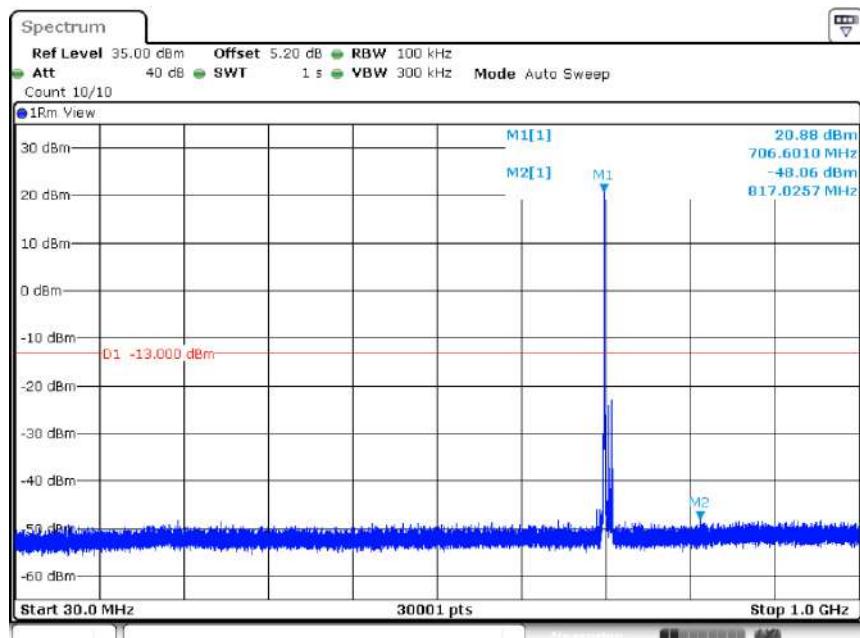
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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

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



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

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

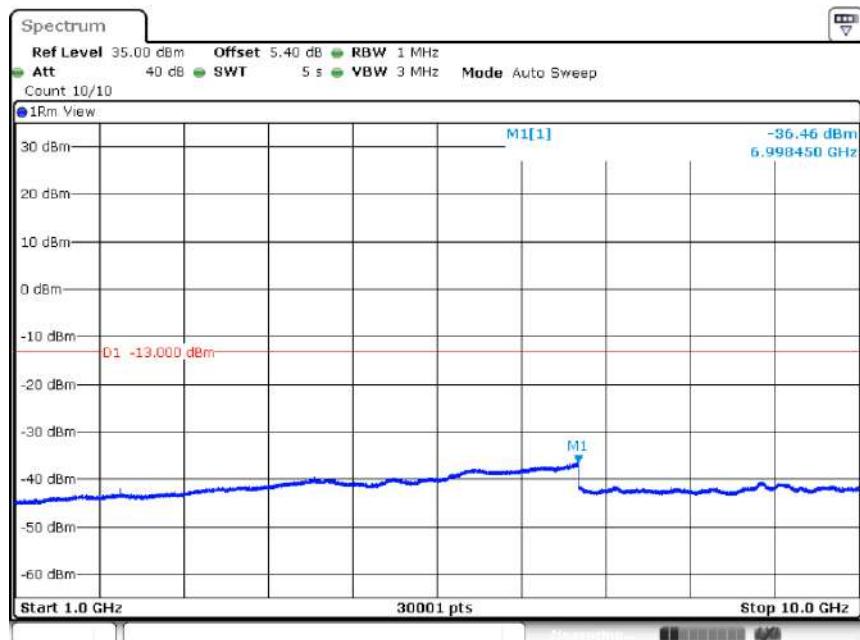
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

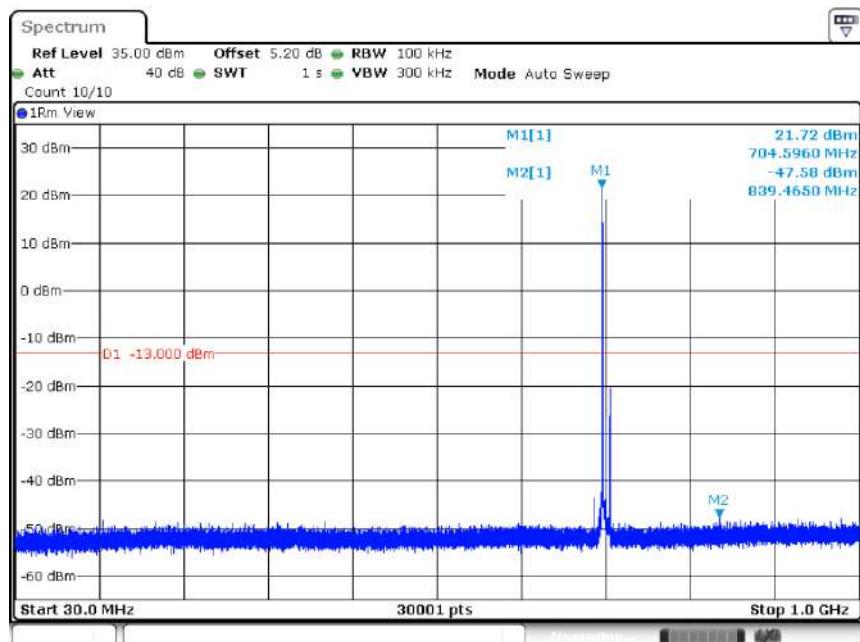
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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

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



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

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

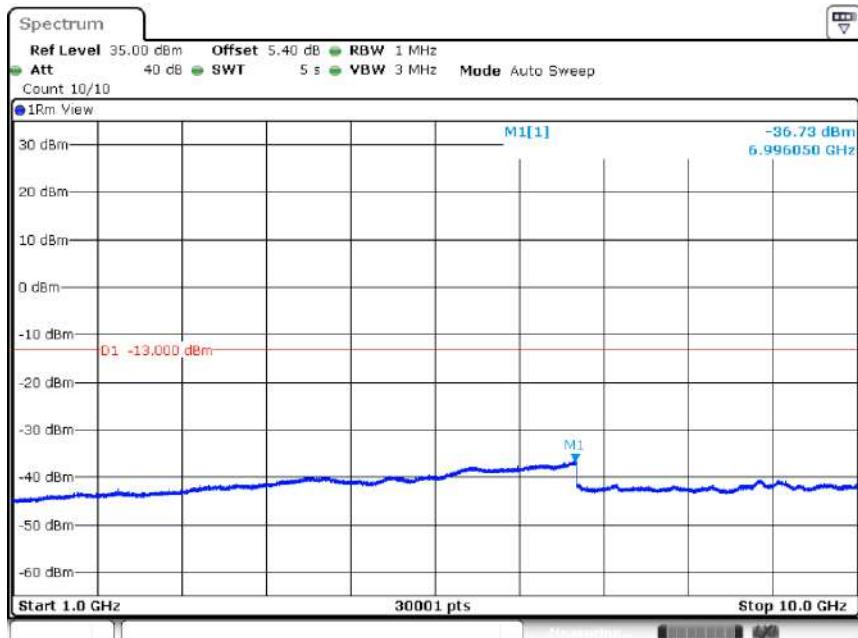
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

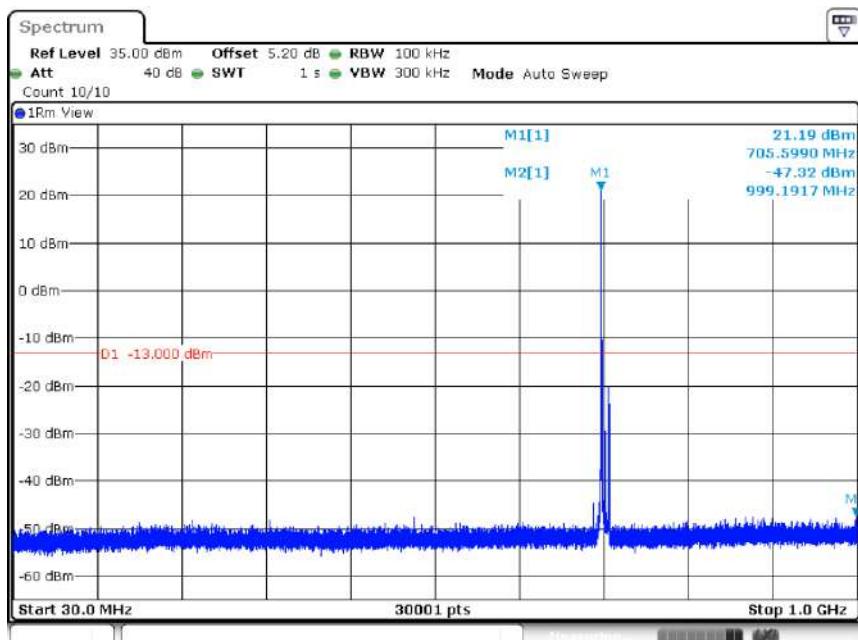
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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

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



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

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

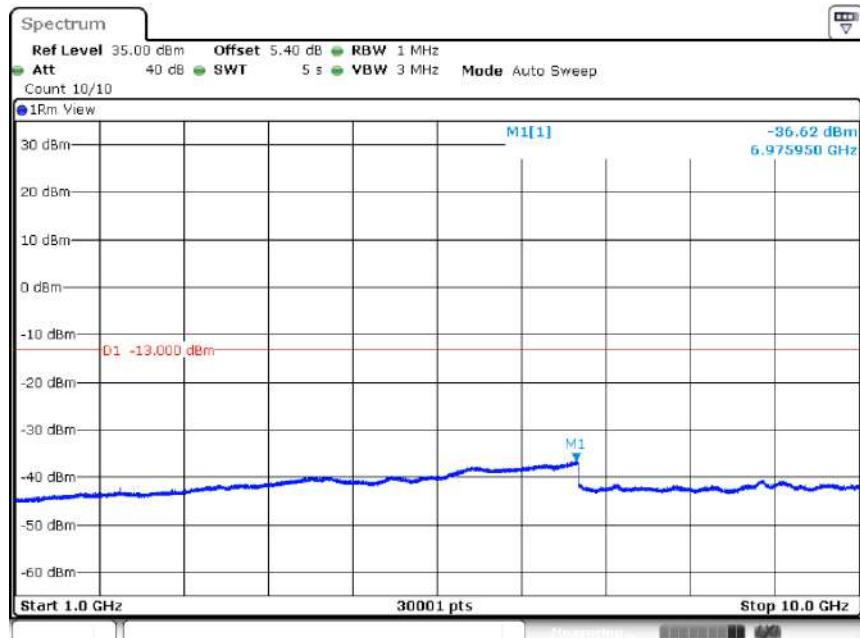
**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch Inspection & Testing Services Laboratory

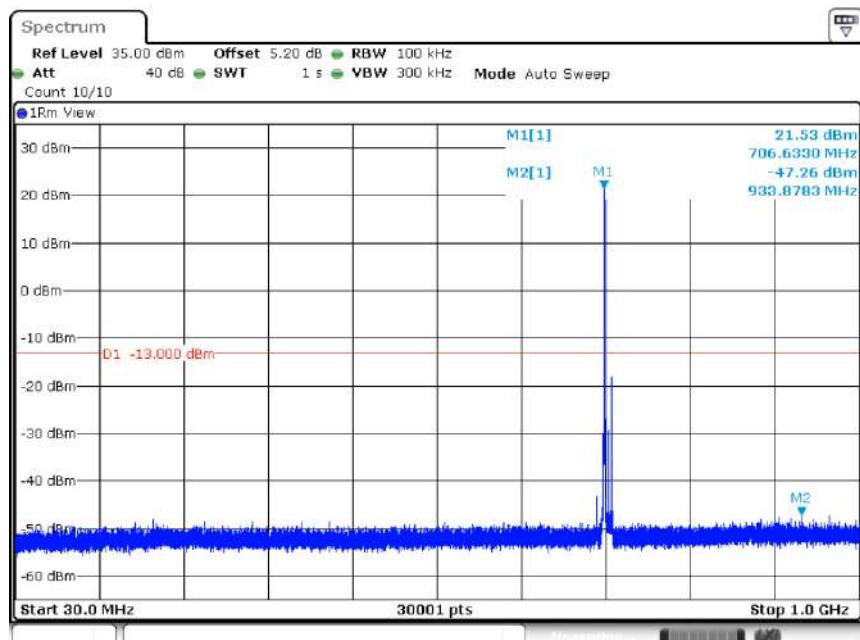
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



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

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



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

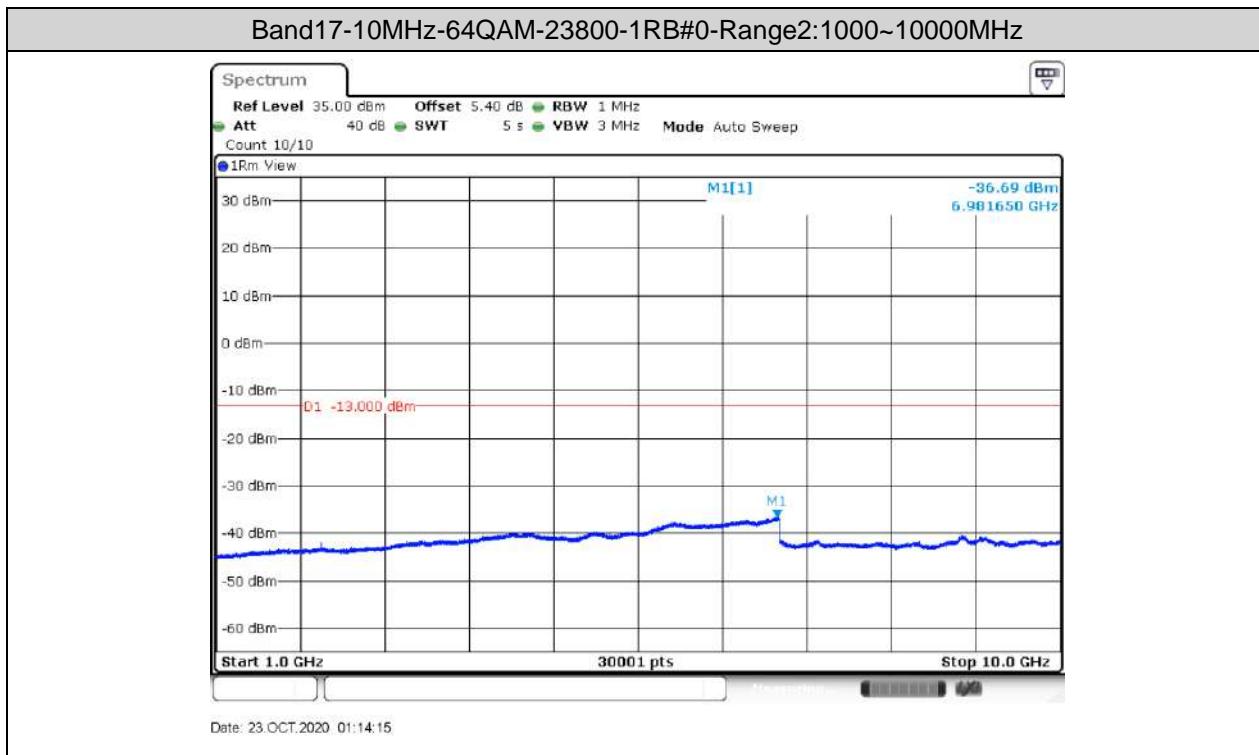
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

**Attention:** To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Dcccheck@sgs.com](mailto:CN.Dcccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com](http://www.sgsgroup.com)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



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

## 7 Field Strength of Spurious Radiation

### 7.1 Test Band = LTE\_17\_TM1

#### 7.1.1 Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.3496	-70.60	-63.77	-13.00	50.77	174	20	Horizontal
2	230.7515	-70.45	-67.62	-13.00	54.62	185	56	Horizontal
3	2113.8228	-55.85	-47.97	-13.00	34.97	199	172	Horizontal
4	2697.5395	-68.42	-55.56	-13.00	42.56	321	73	Horizontal
5	7448.8180	-56.60	-56.63	-13.00	43.63	215	163	Horizontal
6	9294.0918	-58.91	-53.06	-13.00	40.06	151	110	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.Dcccheck@sgs.com](mailto:CN.Dcccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**7.2 Test Band = LTE\_17 \_TM1****7.2.1 Test Channel = Low Channel**

<b>Suspected Data List</b>								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	79.9575	-67.04	-64.92	-13.00	51.92	185	304	Vertical
2	109.1560	-71.26	-65.05	-13.00	52.05	199	92	Vertical
3	399.9765	-69.87	-66.75	-13.00	53.75	321	12	Vertical
4	2113.8228	-59.68	-51.78	-13.00	38.78	251	220	Vertical
5	3675.9470	-52.36	-61.66	-13.00	48.66	184	12	Vertical
6	9324.0530	-58.88	-53.01	-13.00	40.01	164	251	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-Decccheck@sgs.com](mailto:CN-Decccheck@sgs.com)

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

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

**7.3 Test Band = LTE\_17 \_TM1****7.3.1 Test Channel = Middle Channel**

<b>Suspected Data List</b>								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.7190	-70.52	-63.72	-13.00	50.72	174	60	Horizontal
2	244.8657	-70.42	-67.74	-13.00	54.74	185	8	Horizontal
3	582.2001	-71.35	-64.15	-13.00	51.15	196	304	Horizontal
4	1410.8822	-65.21	-62.93	-13.00	49.93	231	238	Horizontal
5	2116.6233	-56.88	-48.97	-13.00	35.97	262	172	Horizontal
6	9312.0125	-58.90	-53.07	-13.00	40.07	161	330	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-Decccheck@sgs.com](mailto:CN-Decccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**7.4 Test Band = LTE\_17 \_TM1****7.4.1 Test Channel = Middle Channel**

<b>Suspected Data List</b>								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	80.5880	-66.65	-64.91	-13.00	51.91	196	356	Vertical
2	112.4056	-70.48	-64.28	-13.00	51.28	185	40	Vertical
3	587.0504	-71.60	-64.60	-13.00	51.60	174	304	Vertical
4	2116.6233	-60.44	-52.50	-13.00	39.50	321	227	Vertical
5	7413.8166	-56.95	-56.46	-13.00	43.46	251	13	Vertical
6	9567.3827	-58.18	-52.89	-13.00	39.89	257	66	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.Dcccheck@sgs.com](mailto:CN.Dcccheck@sgs.com)

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

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

**7.5 Test Band = LTE\_17 \_TM1****7.5.1 Test Channel = High Channel**

<b>Suspected Data List</b>								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.2526	-69.84	-63.01	-13.00	50.01	174	89	Horizontal
2	244.7687	-70.81	-68.12	-13.00	55.12	185	300	Horizontal
3	1413.2827	-65.35	-63.03	-13.00	50.03	158	304	Horizontal
4	2119.8240	-56.86	-48.92	-13.00	35.92	258	177	Horizontal
5	7220.0488	-57.63	-57.95	-13.00	44.95	225	273	Horizontal
6	9557.0223	-57.89	-52.92	-13.00	39.92	204	142	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-Decccheck@sgs.com](mailto:CN-Decccheck@sgs.com)

SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch | No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057

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

**7.6 Test Band = LTE\_17 \_TM1****7.6.1 Test Channel = High Channel**

<b>Suspected Data List</b>								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	79.8120	-67.38	-65.30	-13.00	52.30	258	250	Vertical
2	111.6296	-70.68	-64.41	-13.00	51.41	296	31	Vertical
3	431.4546	-70.57	-67.12	-13.00	54.12	254	5	Vertical
4	1412.8826	-64.83	-62.07	-13.00	49.07	158	131	Vertical
5	2119.8240	-60.46	-52.48	-13.00	39.48	196	220	Vertical
6	9275.8910	-58.57	-52.89	-13.00	39.89	174	60	Vertical

## Remark:

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

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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Decccheck@sgs.com](mailto:CN_Decccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 8 Frequency Stability

### 8.1 Frequency Vs Voltage

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

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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Decccheck@sgs.com](mailto:CN_Decccheck@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 | (86-755) 26012053 f (86-755) 26710594 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·深圳·科技园中区M-10栋一号厂房  
邮编: 518057 | (86-755) 26012053 f (86-755) 26710594 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 8.2 Frequency Vs Temperature

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

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

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



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

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

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





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

The End

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



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

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