



# Appendix B

## E-UTRA Band 7



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

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

## CONTENT

<b>1</b>	<b>EFFECTIVE (ISOTROPIC) RADIATED POWER.....</b>	<b>4</b>
1.1.	TEST RESULT.....	4
<b>2.</b>	<b>PEAK-TO-AVERAGE RATIO (CCDF).....</b>	<b>10</b>
2.1.	TEST RESULT.....	10
2.2.	TEST PLOTS.....	10
<b>3.</b>	<b>MODULATION CHARACTERISTICS.....</b>	<b>14</b>
3.1.	TEST BAND = LTE BAND 7.....	14
3.1.1.	TEST MODE = LTE /TM1 20MHz.....	14
3.1.1.1.	TEST CHANNEL = MCH.....	14
3.1.2.	TEST MODE = LTE /TM2 20MHz.....	15
3.1.2.1.	TEST CHANNEL = MCH.....	15
3.1.3.	TEST MODE = LTE /TM3 20MHz.....	16
3.1.3.1.	TEST CHANNEL = MCH.....	16
<b>4.</b>	<b>26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....</b>	<b>17</b>
4.1.	TEST RESULT.....	17
4.2.	TEST PLOTS.....	18
<b>5.</b>	<b>BAND EDGE COMPLIANCE.....</b>	<b>30</b>
5.1.	TEST PLOTS.....	30
<b>6.</b>	<b>SPURIOUS EMISSION AT ANTENNA TERMINAL.....</b>	<b>46</b>
6.1.	TEST PLOTS.....	46
<b>7.</b>	<b>FIELD STRENGTH OF SPURIOUS RADIATION.....</b>	<b>52</b>
7.1.	TEST BAND = LTE BAND 7.....	52
7.1.1.	TEST MODE =LTE/TM1 20MHZ.....	52
7.1.1.1.	TEST CHANNEL = LCH.....	52
7.1.1.2.	TEST CHANNEL = MCH.....	52
7.1.1.3.	TEST CHANNEL = HCH.....	53
<b>8.</b>	<b>FREQUENCY STABILITY.....</b>	<b>54</b>
8.1.	FREQUENCY VS VOLTAGE.....	54



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



8.2. FREQUENCY VS TEMPERATURE .....55



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

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

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



# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	37775	1RB#0	23.70	18.20	33.00	PASS
Band7	5MHz	QPSK	37775	1RB#13	23.51	18.01	33.00	PASS
Band7	5MHz	QPSK	37775	1RB#24	23.33	17.83	33.00	PASS
Band7	5MHz	QPSK	37775	12RB#0	22.74	17.24	33.00	PASS
Band7	5MHz	QPSK	37775	12RB#6	22.81	17.31	33.00	PASS
Band7	5MHz	QPSK	37775	12RB#13	22.69	17.19	33.00	PASS
Band7	5MHz	QPSK	37775	25RB#0	22.79	17.29	33.00	PASS
Band7	5MHz	QPSK	38000	1RB#0	23.57	18.07	33.00	PASS
Band7	5MHz	QPSK	38000	1RB#13	23.84	18.34	33.00	PASS
Band7	5MHz	QPSK	38000	1RB#24	23.75	18.25	33.00	PASS
Band7	5MHz	QPSK	38000	12RB#0	22.96	17.46	33.00	PASS
Band7	5MHz	QPSK	38000	12RB#6	23.00	17.50	33.00	PASS
Band7	5MHz	QPSK	38000	12RB#13	22.85	17.35	33.00	PASS
Band7	5MHz	QPSK	38000	25RB#0	23.00	17.50	33.00	PASS
Band7	5MHz	QPSK	38225	1RB#0	23.82	18.32	33.00	PASS
Band7	5MHz	QPSK	38225	1RB#13	23.72	18.22	33.00	PASS
Band7	5MHz	QPSK	38225	1RB#24	23.38	17.88	33.00	PASS
Band7	5MHz	QPSK	38225	12RB#0	23.19	17.69	33.00	PASS
Band7	5MHz	QPSK	38225	12RB#6	22.97	17.47	33.00	PASS
Band7	5MHz	QPSK	38225	12RB#13	23.13	17.63	33.00	PASS
Band7	5MHz	QPSK	38225	25RB#0	22.97	17.47	33.00	PASS
Band7	5MHz	16QAM	37775	1RB#0	22.55	17.05	33.00	PASS
Band7	5MHz	16QAM	37775	1RB#13	22.77	17.27	33.00	PASS
Band7	5MHz	16QAM	37775	1RB#24	22.41	16.91	33.00	PASS
Band7	5MHz	16QAM	37775	12RB#0	21.98	16.48	33.00	PASS
Band7	5MHz	16QAM	37775	12RB#6	22.01	16.51	33.00	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)



Band7	5MHz	16QAM	37775	12RB#13	21.65	16.15	33.00	PASS
Band7	5MHz	16QAM	37775	25RB#0	21.68	16.18	33.00	PASS
Band7	5MHz	16QAM	38000	1RB#0	23.16	17.66	33.00	PASS
Band7	5MHz	16QAM	38000	1RB#13	23.36	17.86	33.00	PASS
Band7	5MHz	16QAM	38000	1RB#24	22.77	17.27	33.00	PASS
Band7	5MHz	16QAM	38000	12RB#0	22.06	16.56	33.00	PASS
Band7	5MHz	16QAM	38000	12RB#6	21.94	16.44	33.00	PASS
Band7	5MHz	16QAM	38000	12RB#13	22.07	16.57	33.00	PASS
Band7	5MHz	16QAM	38000	25RB#0	21.94	16.44	33.00	PASS
Band7	5MHz	16QAM	38225	1RB#0	23.31	17.81	33.00	PASS
Band7	5MHz	16QAM	38225	1RB#13	23.16	17.66	33.00	PASS
Band7	5MHz	16QAM	38225	1RB#24	22.37	16.87	33.00	PASS
Band7	5MHz	16QAM	38225	12RB#0	22.36	16.86	33.00	PASS
Band7	5MHz	16QAM	38225	12RB#6	22.08	16.58	33.00	PASS
Band7	5MHz	16QAM	38225	12RB#13	21.89	16.39	33.00	PASS
Band7	5MHz	16QAM	38225	25RB#0	22.03	16.53	33.00	PASS
Band7	10MHz	QPSK	37800	1RB#0	23.72	18.22	33.00	PASS
Band7	10MHz	QPSK	37800	1RB#25	23.43	17.93	33.00	PASS
Band7	10MHz	QPSK	37800	1RB#49	23.80	18.30	33.00	PASS
Band7	10MHz	QPSK	37800	25RB#0	22.88	17.38	33.00	PASS
Band7	10MHz	QPSK	37800	25RB#13	22.78	17.28	33.00	PASS
Band7	10MHz	QPSK	37800	25RB#25	22.81	17.31	33.00	PASS
Band7	10MHz	QPSK	37800	50RB#0	22.79	17.29	33.00	PASS
Band7	10MHz	QPSK	38000	1RB#0	23.84	18.34	33.00	PASS
Band7	10MHz	QPSK	38000	1RB#25	23.72	18.22	33.00	PASS
Band7	10MHz	QPSK	38000	1RB#49	23.84	18.34	33.00	PASS
Band7	10MHz	QPSK	38000	25RB#0	23.05	17.55	33.00	PASS
Band7	10MHz	QPSK	38000	25RB#13	23.03	17.53	33.00	PASS
Band7	10MHz	QPSK	38000	25RB#25	22.94	17.44	33.00	PASS
Band7	10MHz	QPSK	38000	50RB#0	23.02	17.52	33.00	PASS
Band7	10MHz	QPSK	38200	1RB#0	23.72	18.22	33.00	PASS
Band7	10MHz	QPSK	38200	1RB#25	23.87	18.37	33.00	PASS
Band7	10MHz	QPSK	38200	1RB#49	22.83	17.33	33.00	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 (CSTC) Laboratory

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





Band7	10MHz	QPSK	38200	25RB#0	23.27	17.77	33.00	PASS
Band7	10MHz	QPSK	38200	25RB#13	23.01	17.51	33.00	PASS
Band7	10MHz	QPSK	38200	25RB#25	23.12	17.62	33.00	PASS
Band7	10MHz	QPSK	38200	50RB#0	23.09	17.59	33.00	PASS
Band7	10MHz	16QAM	37800	1RB#0	22.63	17.13	33.00	PASS
Band7	10MHz	16QAM	37800	1RB#25	22.46	16.96	33.00	PASS
Band7	10MHz	16QAM	37800	1RB#49	22.62	17.12	33.00	PASS
Band7	10MHz	16QAM	37800	25RB#0	21.97	16.47	33.00	PASS
Band7	10MHz	16QAM	37800	25RB#13	21.97	16.47	33.00	PASS
Band7	10MHz	16QAM	37800	25RB#25	21.79	16.29	33.00	PASS
Band7	10MHz	16QAM	37800	27RB#0	21.70	16.20	33.00	PASS
Band7	10MHz	16QAM	38000	1RB#0	22.80	17.30	33.00	PASS
Band7	10MHz	16QAM	38000	1RB#25	23.18	17.68	33.00	PASS
Band7	10MHz	16QAM	38000	1RB#49	23.04	17.54	33.00	PASS
Band7	10MHz	16QAM	38000	25RB#0	21.96	16.46	33.00	PASS
Band7	10MHz	16QAM	38000	25RB#13	22.02	16.52	33.00	PASS
Band7	10MHz	16QAM	38000	25RB#25	21.87	16.37	33.00	PASS
Band7	10MHz	16QAM	38000	27RB#0	21.96	16.46	33.00	PASS
Band7	10MHz	16QAM	38200	1RB#0	23.10	17.60	33.00	PASS
Band7	10MHz	16QAM	38200	1RB#25	23.19	17.69	33.00	PASS
Band7	10MHz	16QAM	38200	1RB#49	21.92	16.42	33.00	PASS
Band7	10MHz	16QAM	38200	25RB#0	22.30	16.80	33.00	PASS
Band7	10MHz	16QAM	38200	25RB#13	22.13	16.63	33.00	PASS
Band7	10MHz	16QAM	38200	25RB#25	22.16	16.66	33.00	PASS
Band7	10MHz	16QAM	38200	27RB#0	22.04	16.54	33.00	PASS
Band7	15MHz	QPSK	37825	1RB#0	23.87	18.37	33.00	PASS
Band7	15MHz	QPSK	37825	1RB#38	23.84	18.34	33.00	PASS
Band7	15MHz	QPSK	37825	1RB#74	23.81	18.31	33.00	PASS
Band7	15MHz	QPSK	37825	36RB#0	22.82	17.32	33.00	PASS
Band7	15MHz	QPSK	37825	36RB#18	22.78	17.28	33.00	PASS
Band7	15MHz	QPSK	37825	36RB#39	22.92	17.42	33.00	PASS
Band7	15MHz	QPSK	37825	75RB#0	22.77	17.27	33.00	PASS
Band7	15MHz	QPSK	38000	1RB#0	23.45	17.95	33.00	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 (CSTC) Laboratory

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



Band7	15MHz	QPSK	38000	1RB#38	23.72	18.22	33.00	PASS
Band7	15MHz	QPSK	38000	1RB#74	23.69	18.19	33.00	PASS
Band7	15MHz	QPSK	38000	36RB#18	22.93	17.43	33.00	PASS
Band7	15MHz	QPSK	38000	36RB#39	22.97	17.47	33.00	PASS
Band7	15MHz	QPSK	38000	36RB#0	22.89	17.39	33.00	PASS
Band7	15MHz	QPSK	38000	75RB#0	22.99	17.49	33.00	PASS
Band7	15MHz	QPSK	38175	1RB#0	23.75	18.25	33.00	PASS
Band7	15MHz	QPSK	38175	1RB#38	23.84	18.34	33.00	PASS
Band7	15MHz	QPSK	38175	1RB#74	23.23	17.73	33.00	PASS
Band7	15MHz	QPSK	38175	36RB#0	22.96	17.46	33.00	PASS
Band7	15MHz	QPSK	38175	36RB#18	23.12	17.62	33.00	PASS
Band7	15MHz	QPSK	38175	36RB#39	23.03	17.53	33.00	PASS
Band7	15MHz	QPSK	38175	75RB#0	23.06	17.56	33.00	PASS
Band7	15MHz	16QAM	37825	1RB#0	22.62	17.12	33.00	PASS
Band7	15MHz	16QAM	37825	1RB#38	22.45	16.95	33.00	PASS
Band7	15MHz	16QAM	37825	1RB#74	22.60	17.10	33.00	PASS
Band7	15MHz	16QAM	37825	25RB#0	21.95	16.45	33.00	PASS
Band7	15MHz	16QAM	37825	25RB#13	21.93	16.43	33.00	PASS
Band7	15MHz	16QAM	37825	25RB#25	21.76	16.26	33.00	PASS
Band7	15MHz	16QAM	37825	27RB#0	21.73	16.23	33.00	PASS
Band7	15MHz	16QAM	38000	1RB#0	22.77	17.27	33.00	PASS
Band7	15MHz	16QAM	38000	1RB#38	23.17	17.67	33.00	PASS
Band7	15MHz	16QAM	38000	1RB#74	23.00	17.50	33.00	PASS
Band7	15MHz	16QAM	38000	25RB#0	21.93	16.43	33.00	PASS
Band7	15MHz	16QAM	38000	25RB#13	21.98	16.48	33.00	PASS
Band7	15MHz	16QAM	38000	25RB#25	21.84	16.34	33.00	PASS
Band7	15MHz	16QAM	38000	27RB#0	21.83	16.33	33.00	PASS
Band7	15MHz	16QAM	38175	1RB#0	23.06	17.56	33.00	PASS
Band7	15MHz	16QAM	38175	1RB#38	23.16	17.66	33.00	PASS
Band7	15MHz	16QAM	38175	1RB#74	21.90	16.40	33.00	PASS
Band7	15MHz	16QAM	38175	25RB#0	22.28	16.78	33.00	PASS
Band7	15MHz	16QAM	38175	25RB#13	22.11	16.61	33.00	PASS
Band7	15MHz	16QAM	38175	25RB#25	22.15	16.65	33.00	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 (CSTC) Laboratory

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



Band7	15MHz	16QAM	38175	27RB#0	22.11	16.61	33.00	PASS
Band7	20MHz	QPSK	37850	1RB#0	23.65	18.15	33.00	PASS
Band7	20MHz	QPSK	37850	1RB#50	<b>23.69</b>	18.19	33.00	PASS
Band7	20MHz	QPSK	37850	1RB#99	23.55	18.05	33.00	PASS
Band7	20MHz	QPSK	37850	50RB#0	22.82	17.32	33.00	PASS
Band7	20MHz	QPSK	37850	50RB#25	22.85	17.35	33.00	PASS
Band7	20MHz	QPSK	37850	50RB#50	22.75	17.25	33.00	PASS
Band7	20MHz	QPSK	37850	100RB#0	22.81	17.31	33.00	PASS
Band7	20MHz	QPSK	38000	1RB#0	23.43	17.93	33.00	PASS
Band7	20MHz	QPSK	38000	1RB#50	<b>23.90</b>	18.40	33.00	PASS
Band7	20MHz	QPSK	38000	1RB#99	23.65	18.15	33.00	PASS
Band7	20MHz	QPSK	38000	50RB#0	22.94	17.44	33.00	PASS
Band7	20MHz	QPSK	38000	50RB#25	22.97	17.47	33.00	PASS
Band7	20MHz	QPSK	38000	50RB#50	22.90	17.40	33.00	PASS
Band7	20MHz	QPSK	38000	100RB#0	23.02	17.52	33.00	PASS
Band7	20MHz	QPSK	38150	1RB#0	23.48	17.98	33.00	PASS
Band7	20MHz	QPSK	38150	1RB#50	<b>23.84</b>	18.34	33.00	PASS
Band7	20MHz	QPSK	38150	1RB#99	23.04	17.54	33.00	PASS
Band7	20MHz	QPSK	38150	50RB#0	<b>23.32</b>	17.82	33.00	PASS
Band7	20MHz	QPSK	38150	50RB#25	22.79	17.29	33.00	PASS
Band7	20MHz	QPSK	38150	50RB#50	22.99	17.49	33.00	PASS
Band7	20MHz	QPSK	38150	100RB#0	23.09	17.59	33.00	PASS
Band7	20MHz	16QAM	37850	1RB#0	22.63	17.13	33.00	PASS
Band7	20MHz	16QAM	37850	1RB#50	22.46	16.96	33.00	PASS
Band7	20MHz	16QAM	37850	1RB#99	22.61	17.11	33.00	PASS
Band7	20MHz	16QAM	37850	25RB#0	21.99	16.49	33.00	PASS
Band7	20MHz	16QAM	37850	25RB#13	21.97	16.47	33.00	PASS
Band7	20MHz	16QAM	37850	25RB#25	21.79	16.29	33.00	PASS
Band7	20MHz	16QAM	37850	27RB#0	21.74	16.24	33.00	PASS
Band7	20MHz	16QAM	38000	1RB#0	22.80	17.30	33.00	PASS
Band7	20MHz	16QAM	38000	1RB#50	23.21	17.71	33.00	PASS
Band7	20MHz	16QAM	38000	1RB#99	23.04	17.54	33.00	PASS
Band7	20MHz	16QAM	38000	25RB#0	21.95	16.45	33.00	PASS



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

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



Band7	20MHz	16QAM	38000	25RB#13	22.01	16.51	33.00	PASS
Band7	20MHz	16QAM	38000	25RB#25	21.86	16.36	33.00	PASS
Band7	20MHz	16QAM	38000	27RB#0	21.84	16.34	33.00	PASS
Band7	20MHz	16QAM	38150	1RB#0	23.10	17.60	33.00	PASS
Band7	20MHz	16QAM	38150	1RB#50	23.18	17.68	33.00	PASS
Band7	20MHz	16QAM	38150	1RB#99	21.93	16.43	33.00	PASS
Band7	20MHz	16QAM	38150	25RB#0	22.31	16.81	33.00	PASS
Band7	20MHz	16QAM	38150	25RB#13	22.15	16.65	33.00	PASS
Band7	20MHz	16QAM	38150	25RB#25	22.19	16.69	33.00	PASS
Band7	20MHz	16QAM	38150	27RB#0	22.14	16.64	33.00	PASS

## Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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

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

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

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

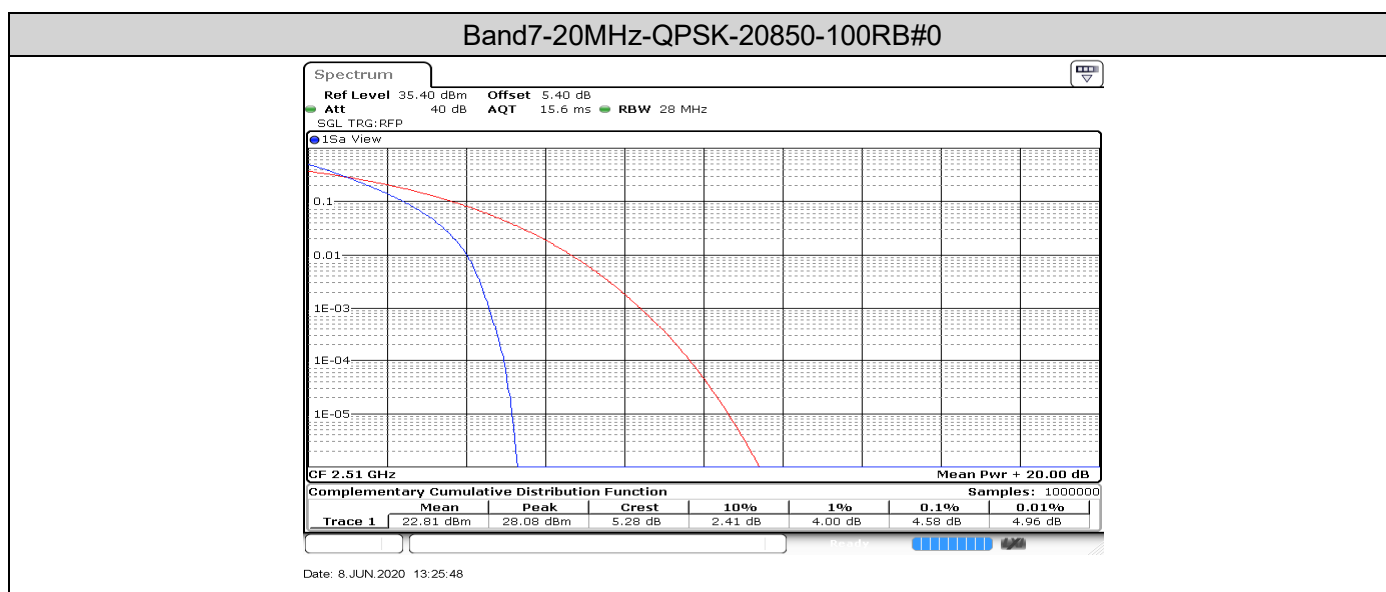


## 2. Peak-to-Average Ratio (CCDF)

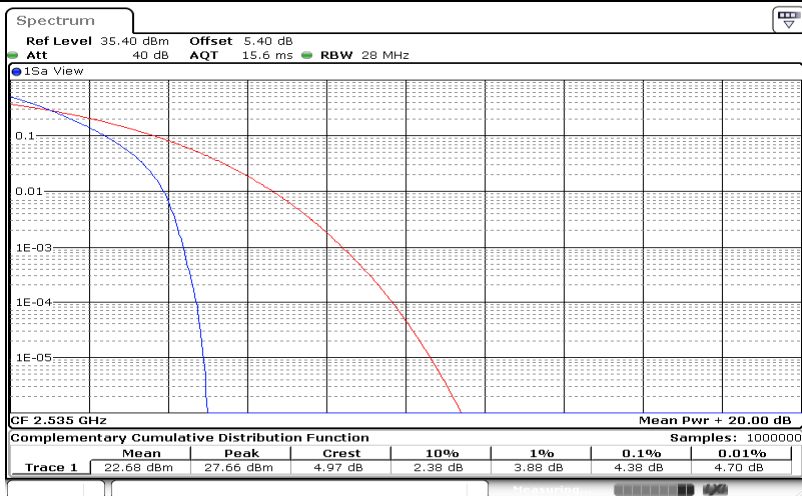
### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.58	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.38	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.32	13	PASS
Band7	20MHz	16QAM	20850	27RB#0	5.10	13	PASS
Band7	20MHz	16QAM	21100	27RB#0	5.33	13	PASS
Band7	20MHz	16QAM	21350	27RB#0	5.42	13	PASS

### 2.2. Test Plots

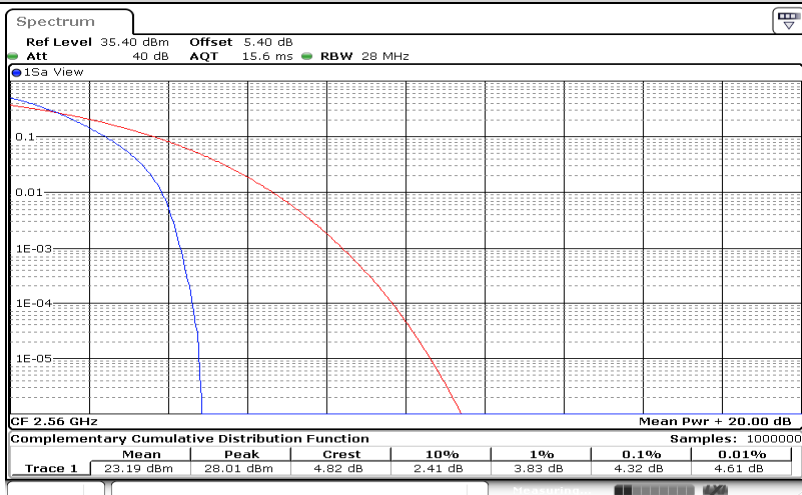


## Band7-20MHz-QPSK-21100-100RB#0



Date: 8 JUN 2020 13:26:16

## Band7-20MHz-QPSK-21350-100RB#0

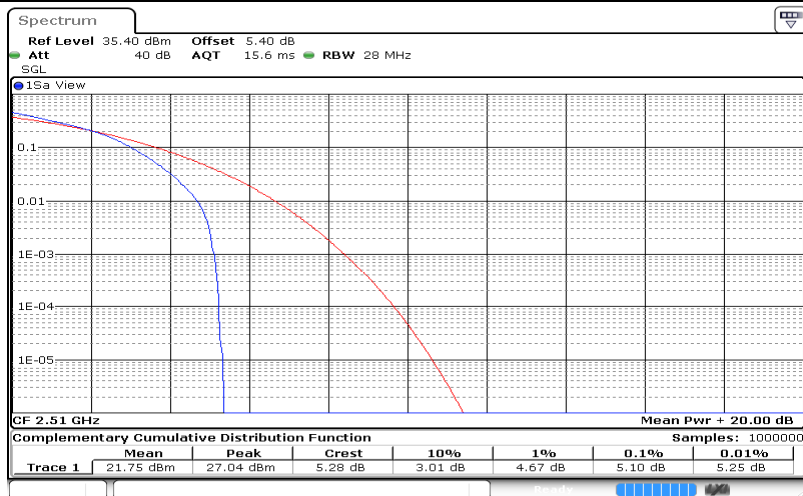


Date: 8 JUN 2020 13:26:41

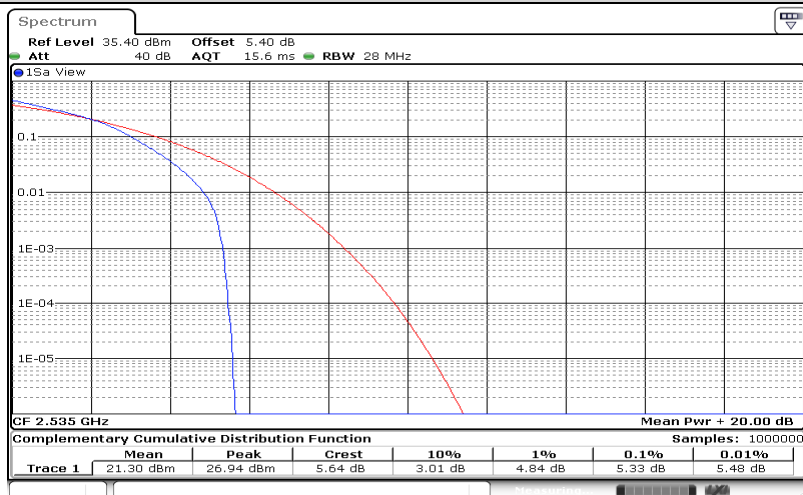




Band7-20MHz-16QAM-20850-27RB#0



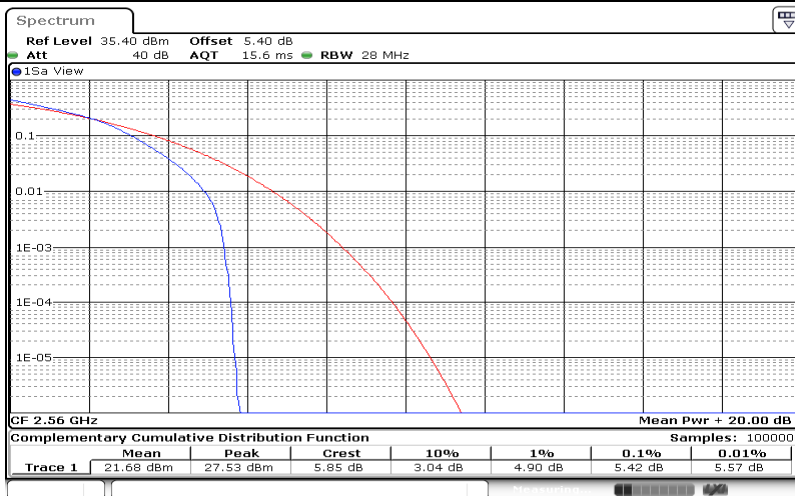
Band7-20MHz-16QAM-21100-27RB#0



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.



## Band7-20MHz-16QAM-21350-27RB#0



Date: 8 JUN 2020 13:32:49

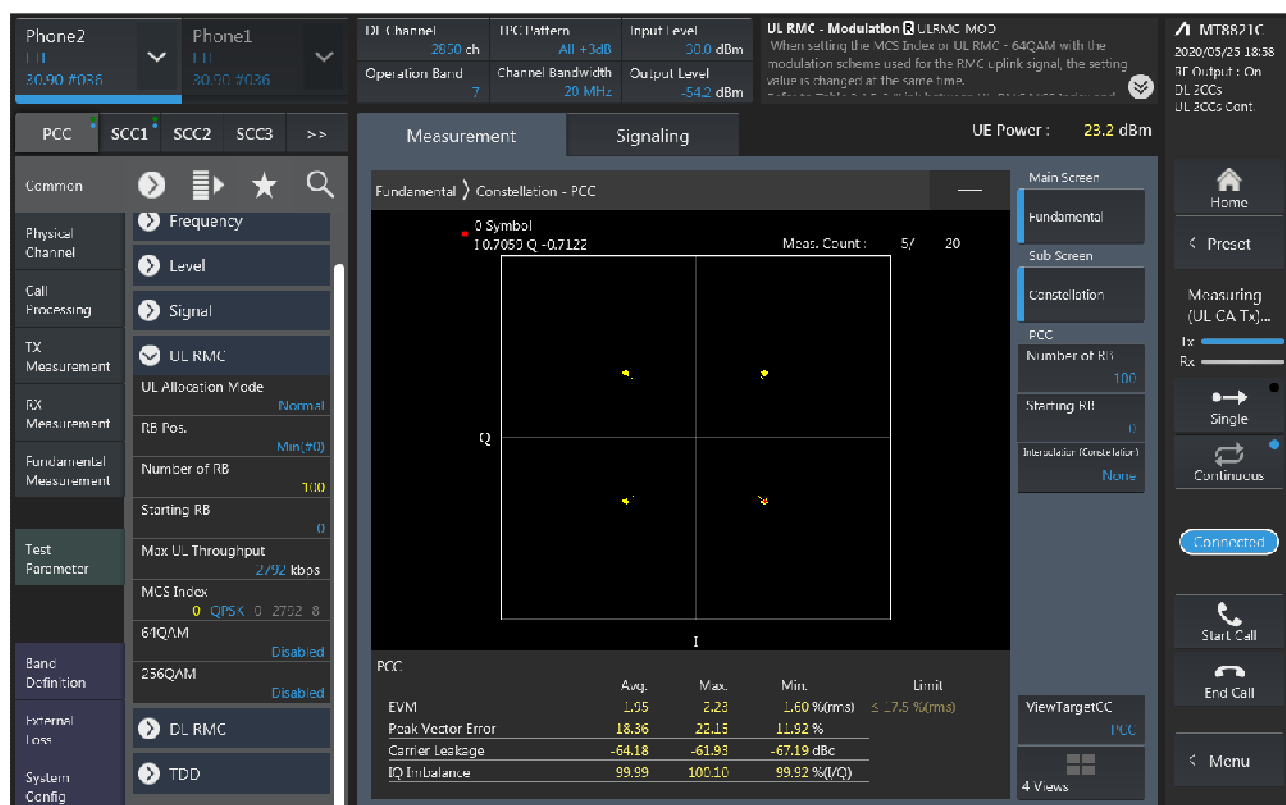


## 3. Modulation Characteristics

### 3.1. Test Band = LTE Band 7

#### 3.1.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1.1. Test Channel = MCH



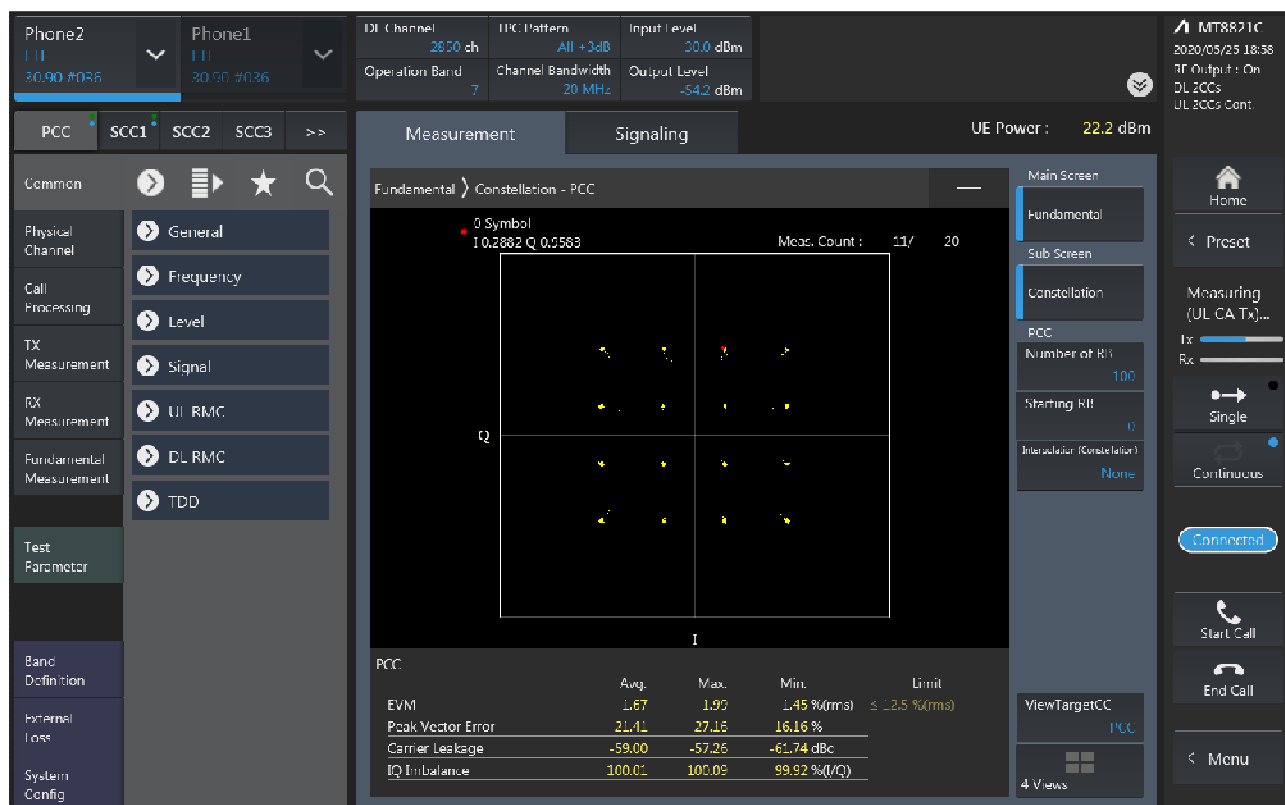
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

### 3.1.2. Test Mode = LTE /TM2 20MHz

#### 3.1.2.1. Test Channel = MCH

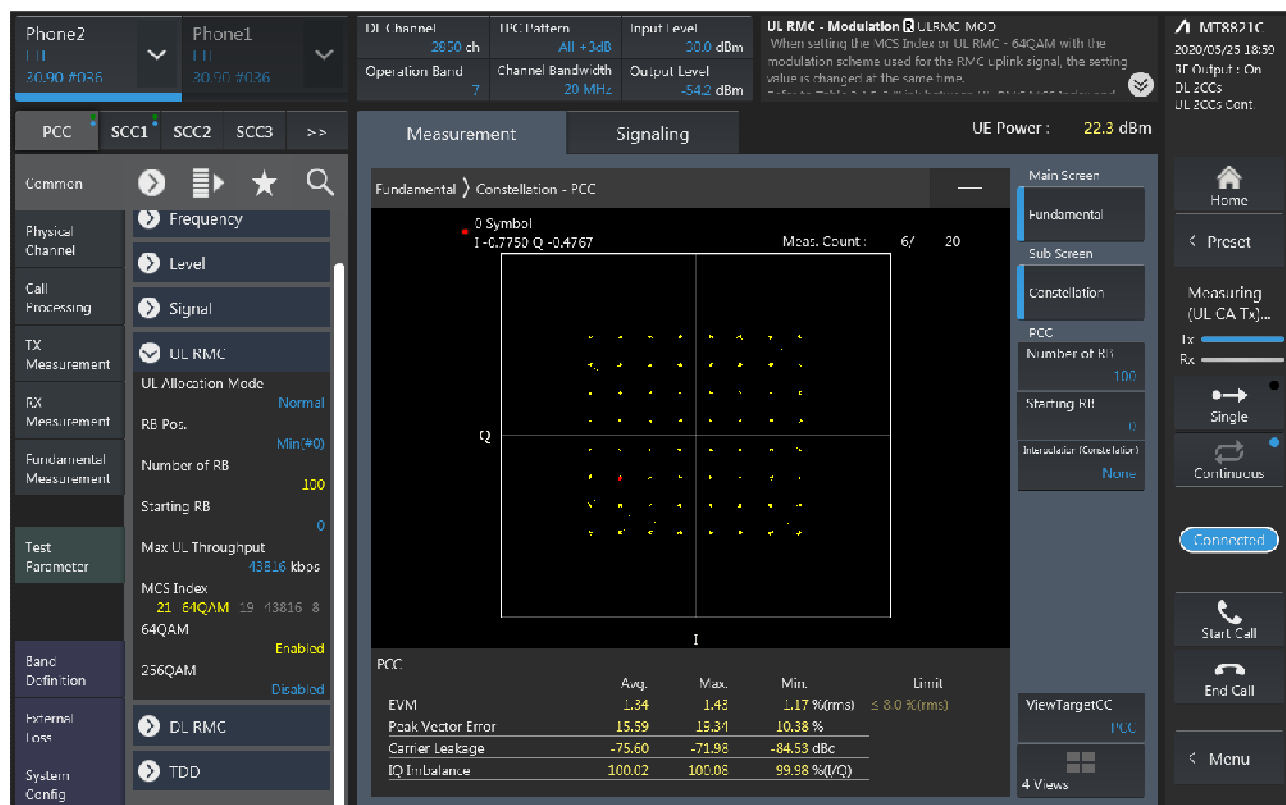


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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)

### 3.1.3. Test Mode = LTE /TM3 20MHz

### 3.1.3.1. Test Channel = MCH



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the back of the report, available on request at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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 contract from their obligations. The Company is not responsible for the consequences of the use of the results of the analysis, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the data shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

At the end of the validity period of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, at email: [CN.Zhechun@sgs.com](mailto:CN.Zhechun@sgs.com)

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





## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

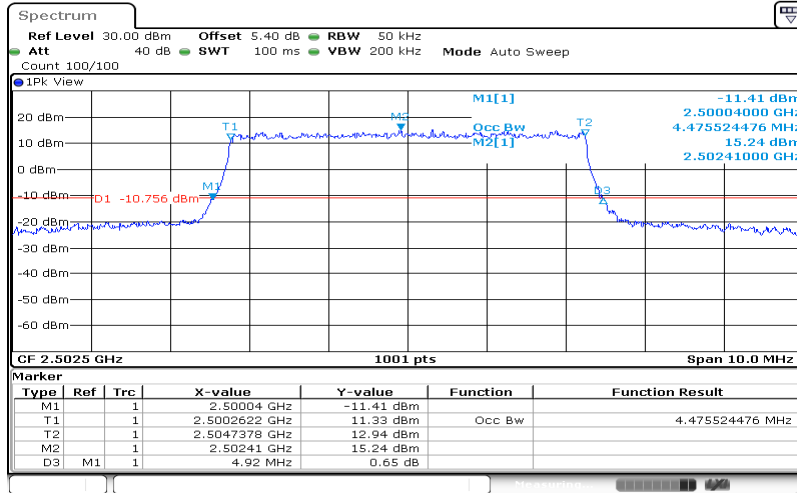
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.476	4.920	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.930	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.950	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.476	4.950	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.466	4.950	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.476	4.990	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.700	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.720	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.911	9.700	PASS
Band7	10MHz	16QAM	20800	27RB#0	4.875	5.800	PASS
Band7	10MHz	16QAM	21100	27RB#0	4.875	5.780	PASS
Band7	10MHz	16QAM	21400	27RB#0	4.955	6.080	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.457	14.790	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	14.700	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.427	14.700	PASS
Band7	15MHz	16QAM	20825	27RB#0	5.125	6.750	PASS
Band7	15MHz	16QAM	21100	27RB#0	5.095	6.090	PASS
Band7	15MHz	16QAM	21375	27RB#0	5.125	6.780	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.942	19.280	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.902	19.520	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.902	19.480	PASS
Band7	20MHz	16QAM	20850	27RB#0	5.155	6.400	PASS
Band7	20MHz	16QAM	21100	27RB#0	5.235	6.720	PASS
Band7	20MHz	16QAM	21350	27RB#0	5.235	6.800	PASS





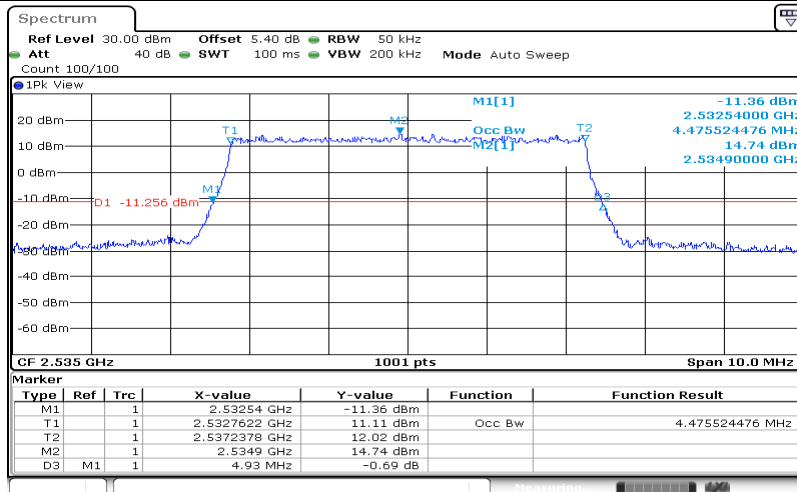
## 4.2. Test Plots

Band7-5MHz-QPSK-20775-25RB#0-4.476



Date: 8 JUN 2020 10:29:36

Band7-5MHz-QPSK-21100-25RB#0-4.476

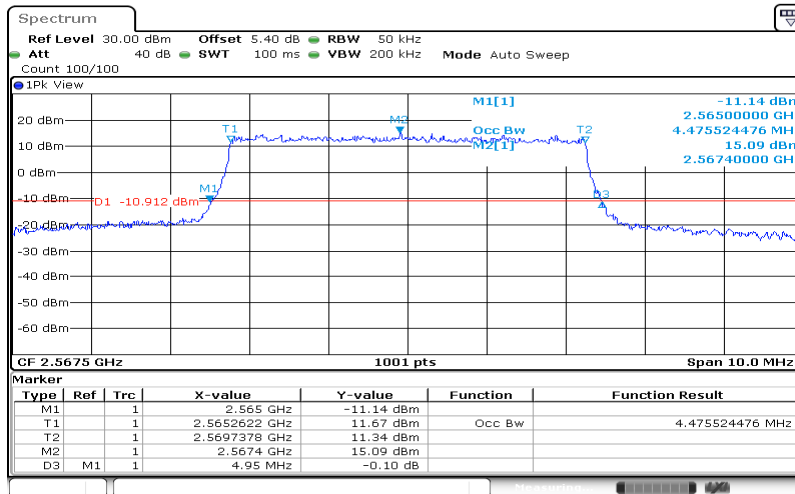


Date: 8 JUN 2020 10:29:56



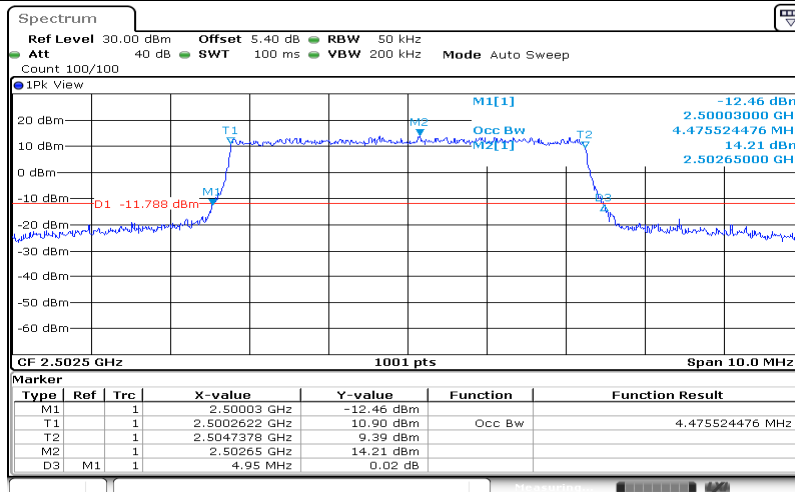


Band7-5MHz-QPSK-21425-25RB#0-4.476



Date: 8 JUN 2020 10:30:16

Band7-5MHz-16QAM-20775-25RB#0-4.476

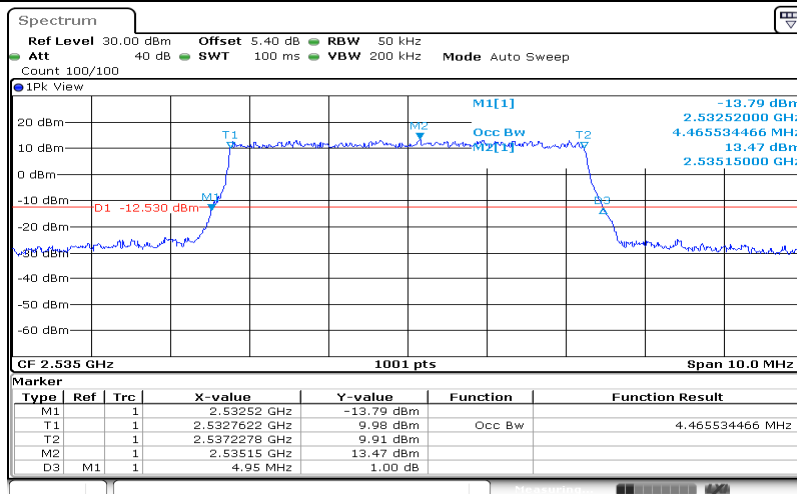


Date: 8 JUN 2020 10:38:43



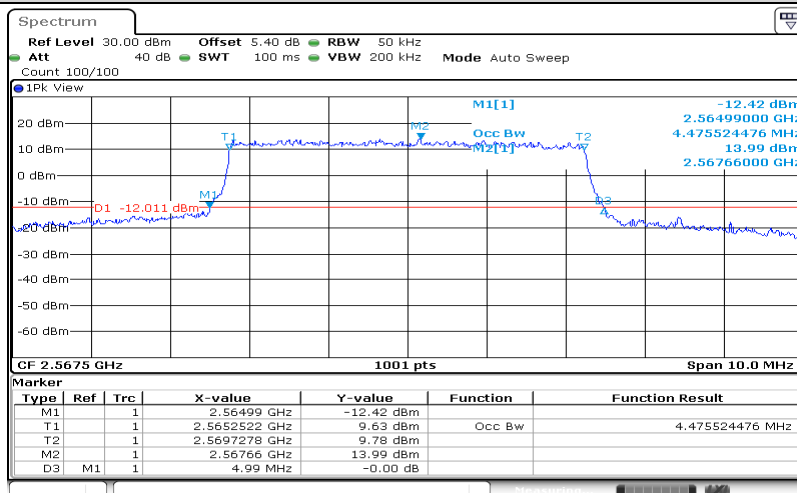


Band7-5MHz-16QAM-21100-25RB#0-4.466



Date: 8 JUN 2020 10:39:19

Band7-5MHz-16QAM-21425-25RB#0-4.476



Date: 8 JUN 2020 10:40:33

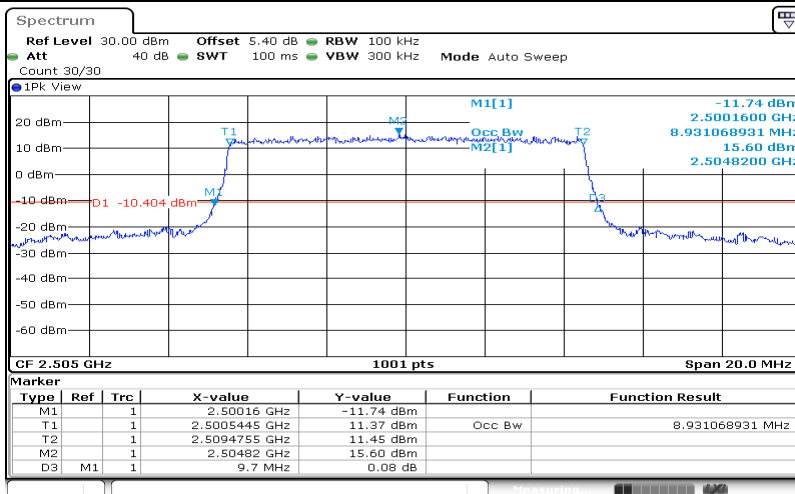


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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)  
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

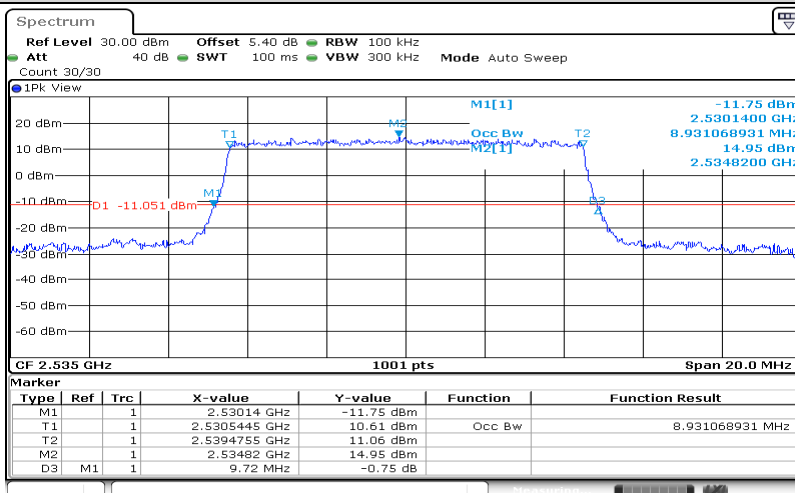


## Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 8 JUN 2020 10:30:34

## Band7-10MHz-QPSK-21100-50RB#0-8.931

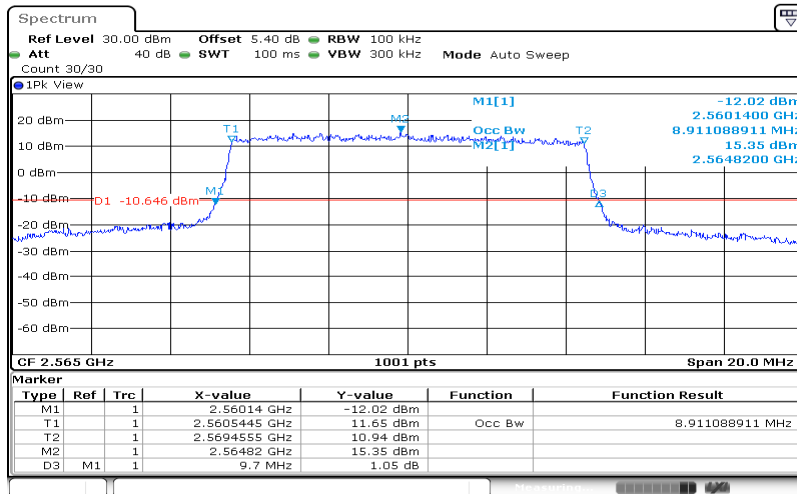


Date: 8 JUN 2020 10:30:47



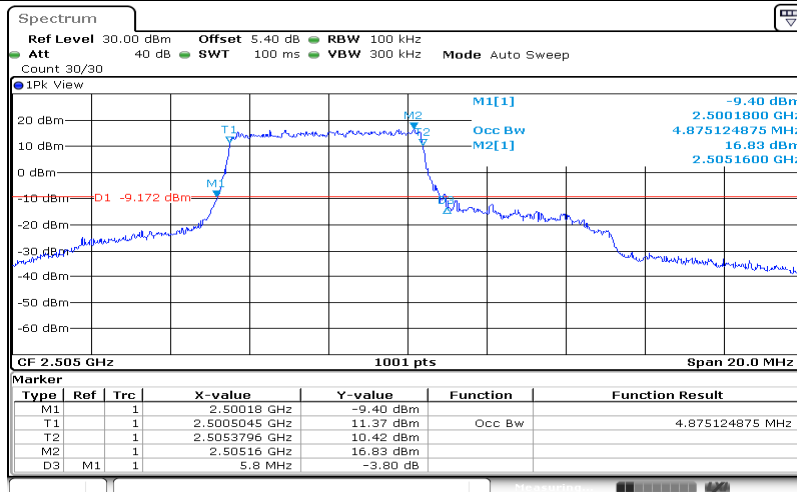


Band7-10MHz-QPSK-21400-50RB#0-8.911



Date: 8 JUN 2020 10:31:00

Band7-10MHz-16QAM-20800-27RB#0-4.875

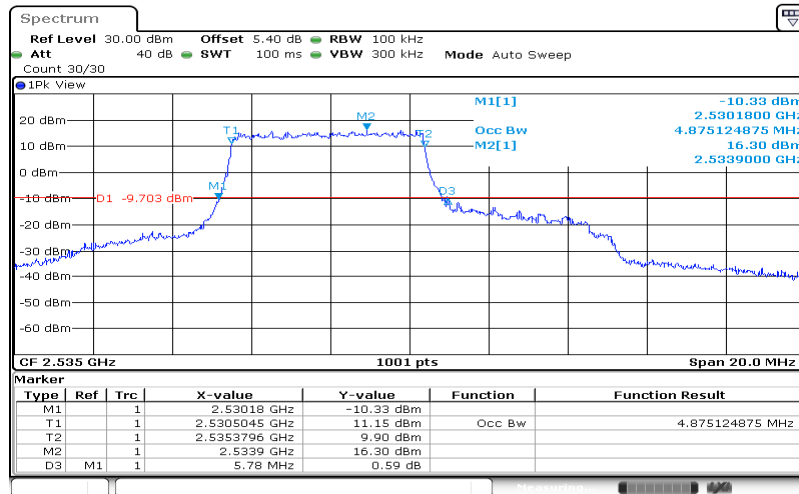


Date: 8 JUN 2020 10:41:44



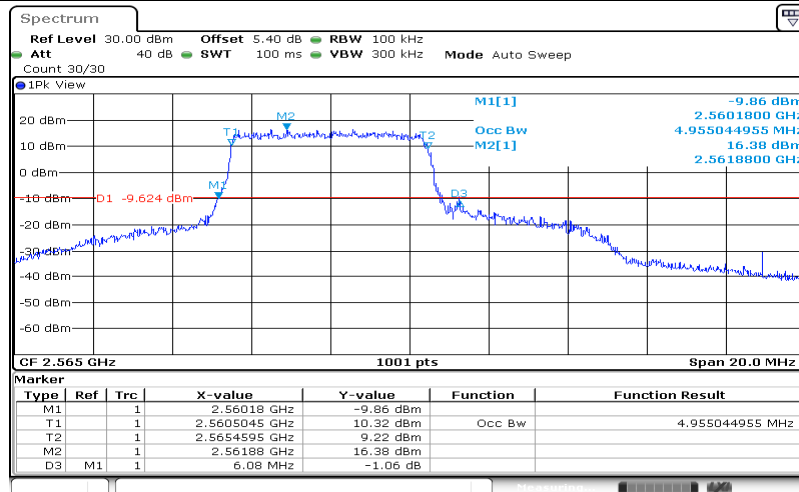


Band7-10MHz-16QAM-21100-27RB#0-4.875



Date: 8 JUN 2020 10:42:25

Band7-10MHz-16QAM-21400-27RB#0-4.955

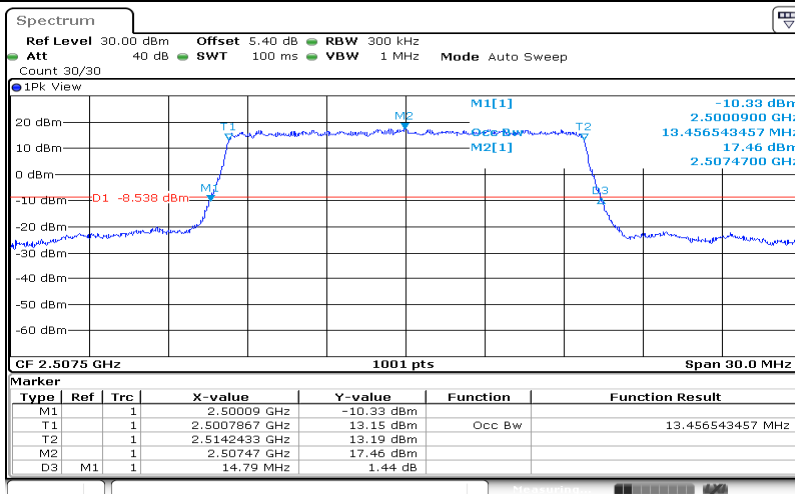


Date: 8 JUN 2020 10:42:50



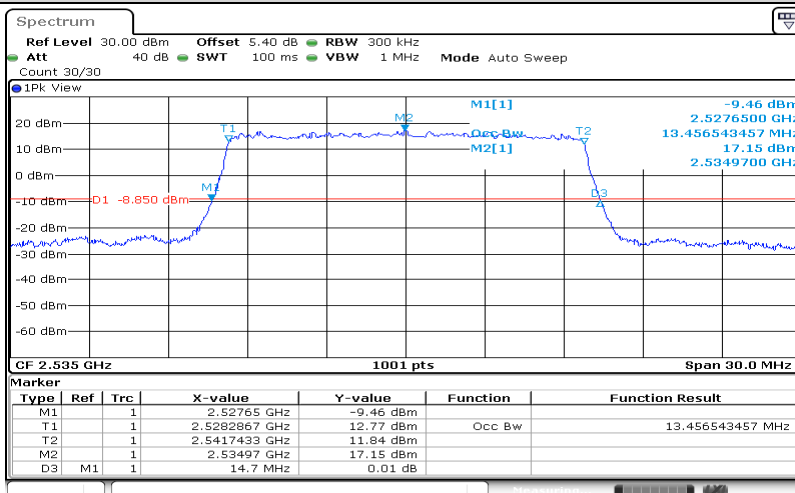


Band7-15MHz-QPSK-20825-75RB#0-13.457



Date: 8 JUN 2020 10:33:57

Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 8 JUN 2020 10:34:29



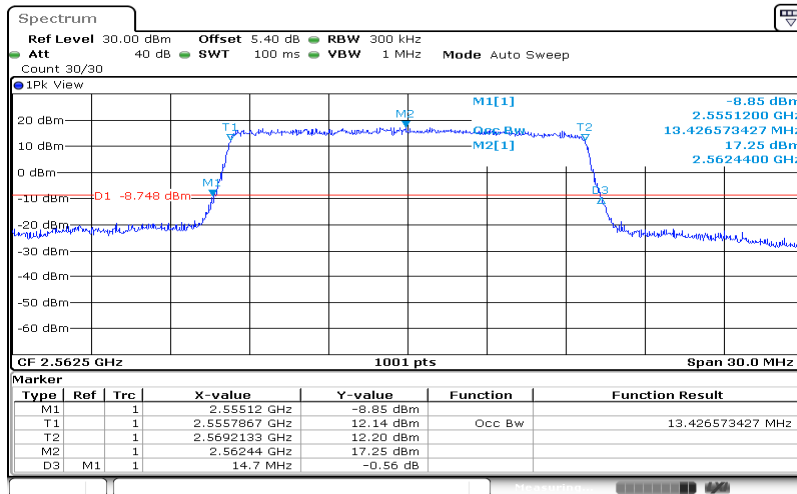
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



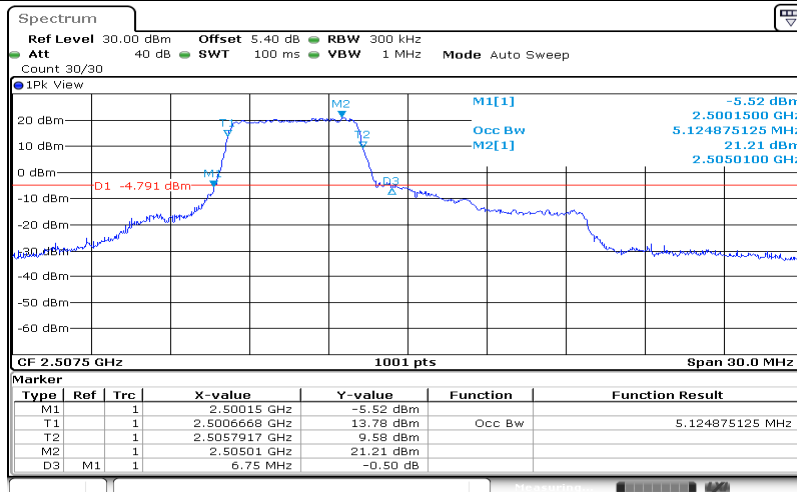


Band7-15MHz-QPSK-21375-75RB#0-13.427



Date: 8 JUN 2020 10:34:58

Band7-15MHz-16QAM-20825-27RB#0-5.125

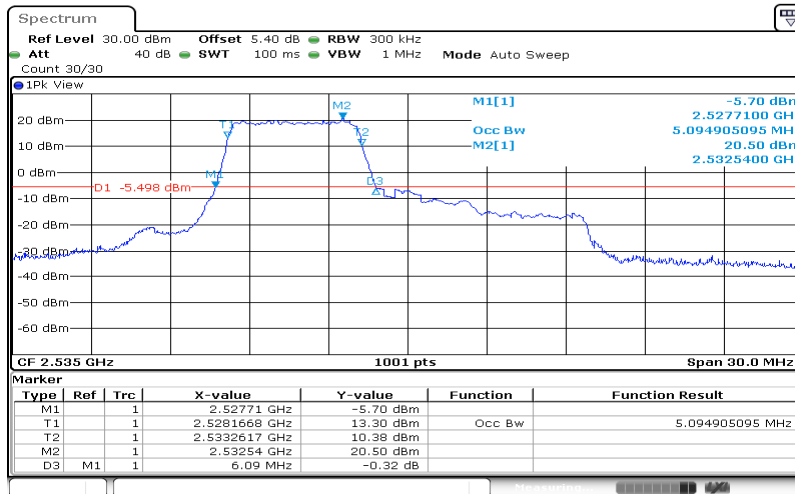


Date: 8 JUN 2020 10:44:23



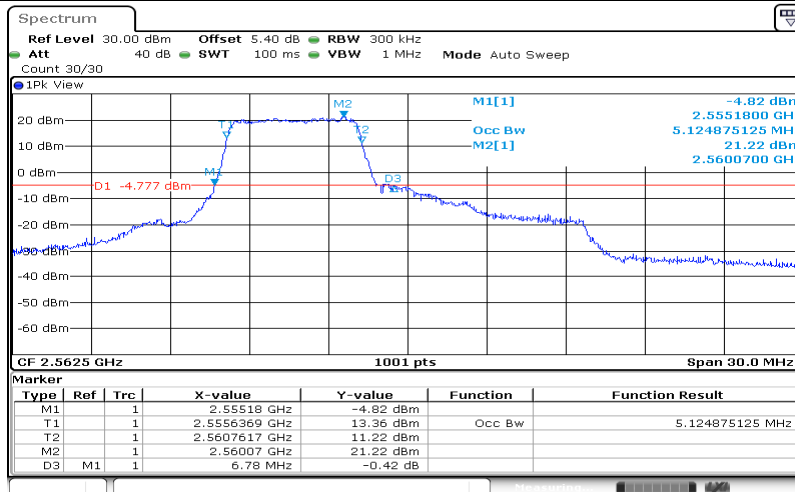


Band7-15MHz-16QAM-21100-27RB#0-5.095



Date: 8 JUN 2020 10:44:55

Band7-15MHz-16QAM-21375-27RB#0-5.125



Date: 8 JUN 2020 10:45:35



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

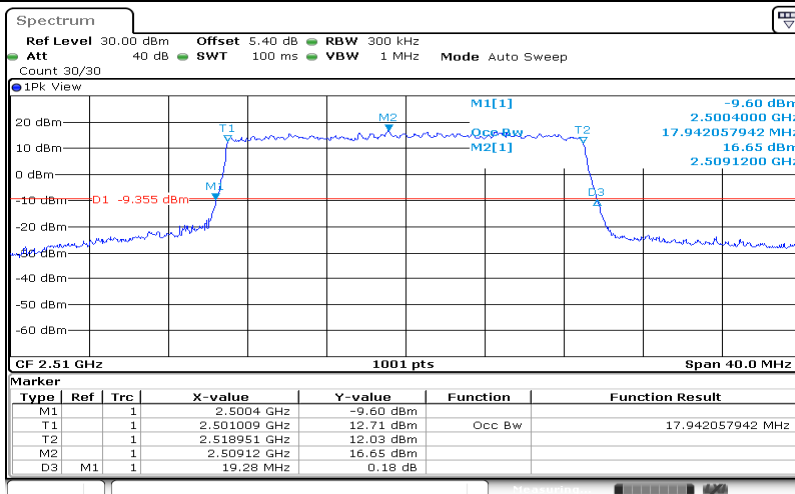
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

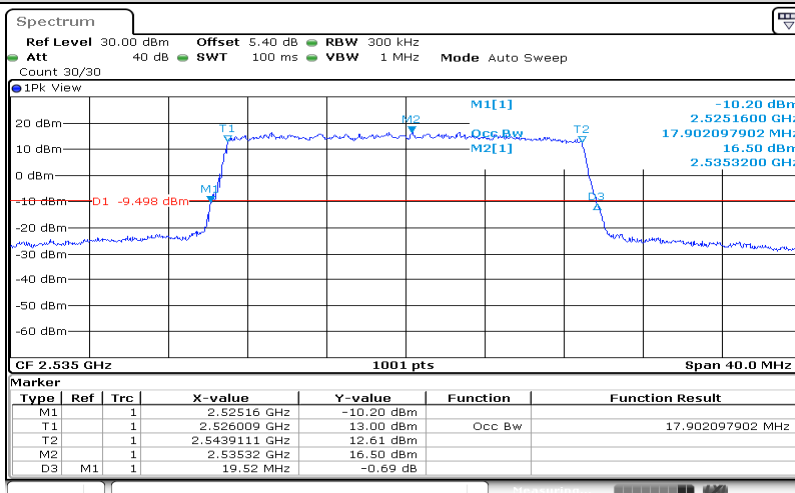


Band7-20MHz-QPSK-20850-100RB#0-17.942



Date: 8 JUN 2020 10:35:36

Band7-20MHz-QPSK-21100-100RB#0-17.902



Date: 8 JUN 2020 10:36:16



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

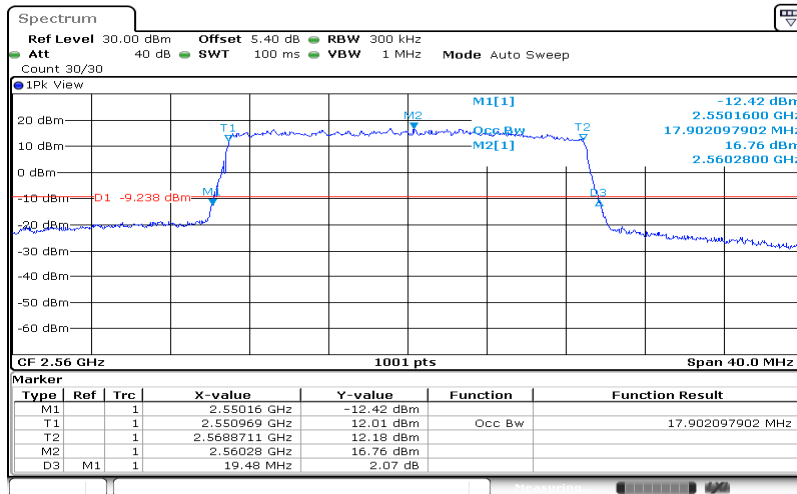
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

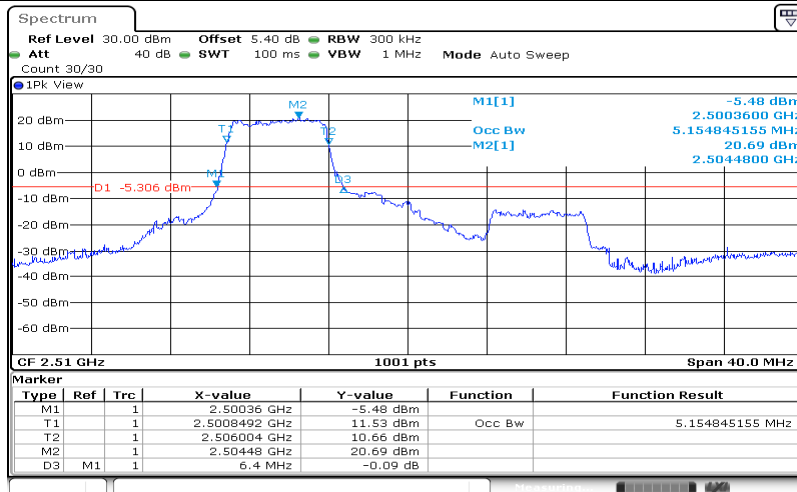


Band7-20MHz-QPSK-21350-100RB#0-17.902



Date: 8 JUN 2020 10:36:48

Band7-20MHz-16QAM-20850-27RB#0-5.155

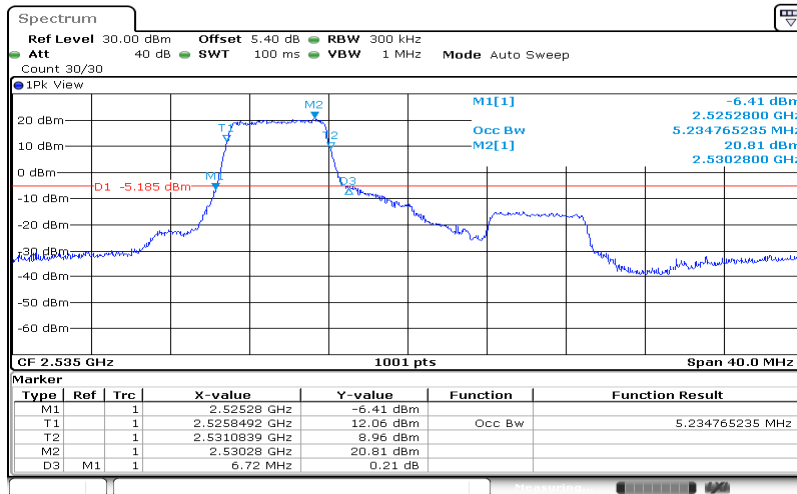


Date: 8 JUN 2020 10:46:28



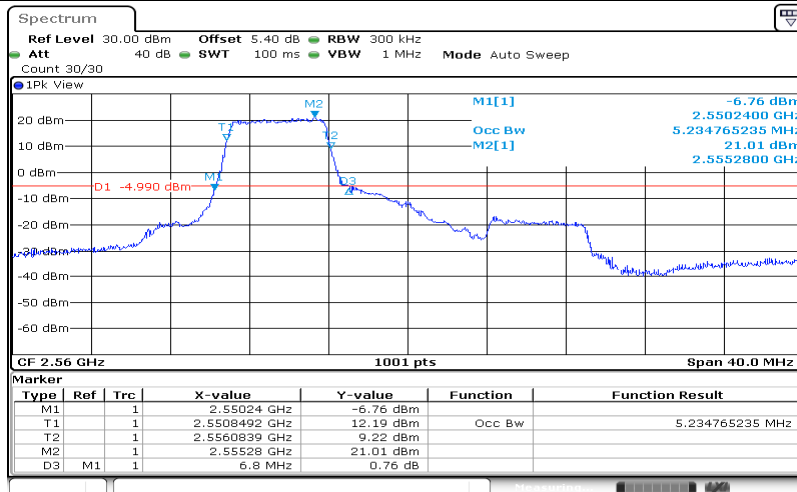


Band7-20MHz-16QAM-21100-27RB#0-5.235



Date: 8 JUN 2020 10:47:07

Band7-20MHz-16QAM-21350-27RB#0-5.235



Date: 8 JUN 2020 10:47:44



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

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

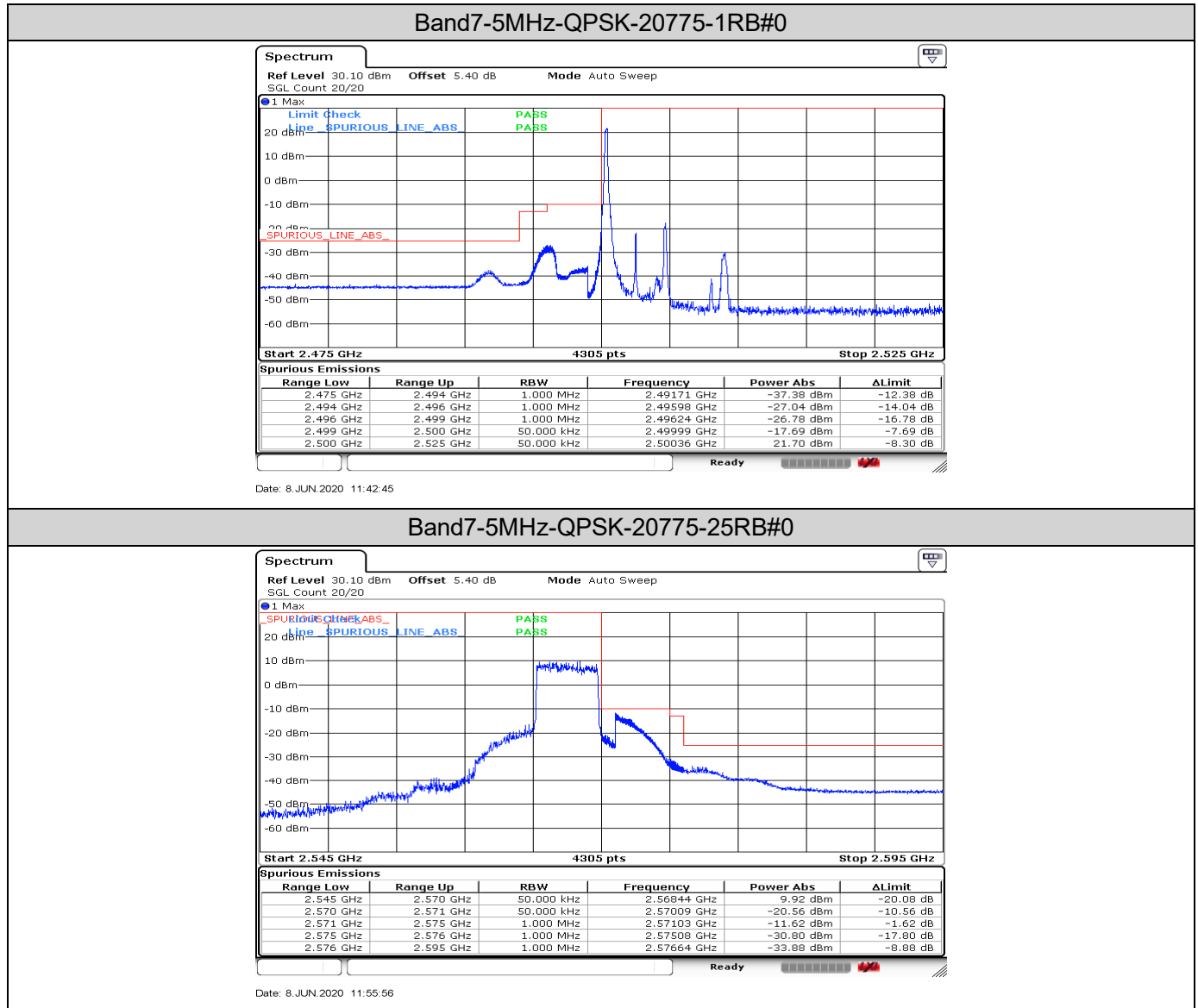
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



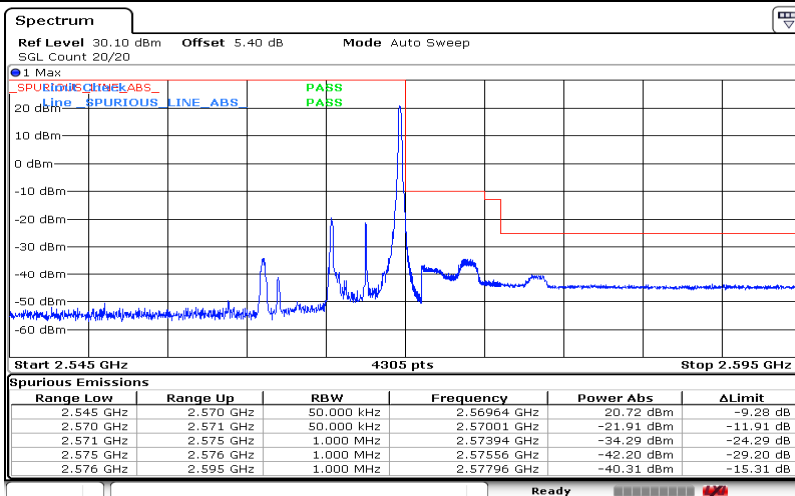


## 5. Band Edge Compliance

### 5.1. Test Plots

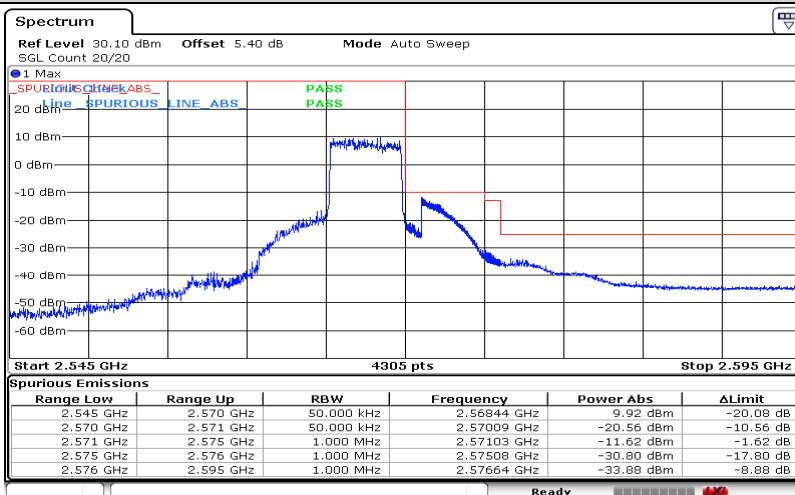


## Band7-5MHz-QPSK-21425-1RB#24



Date: 8 JUN 2020 11:55:34

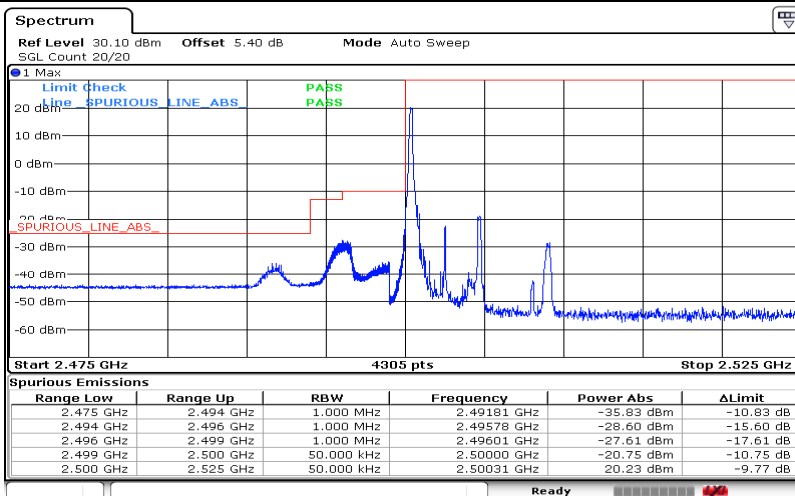
## Band7-5MHz-QPSK-21425-25RB#0



Date: 8 JUN 2020 11:55:56

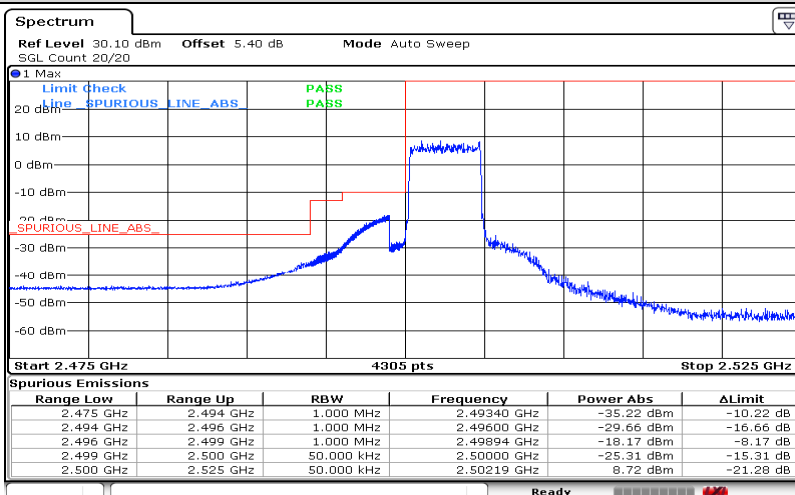


## Band7-5MHz-16QAM-20775-1RB#0



Date: 8 JUN 2020 11:47:24

## Band7-5MHz-16QAM-20775-25RB#0

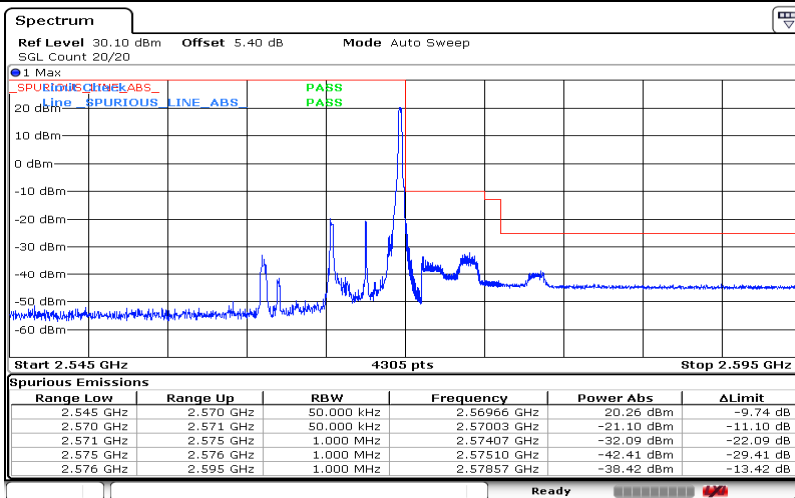


Date: 8 JUN 2020 11:47:01



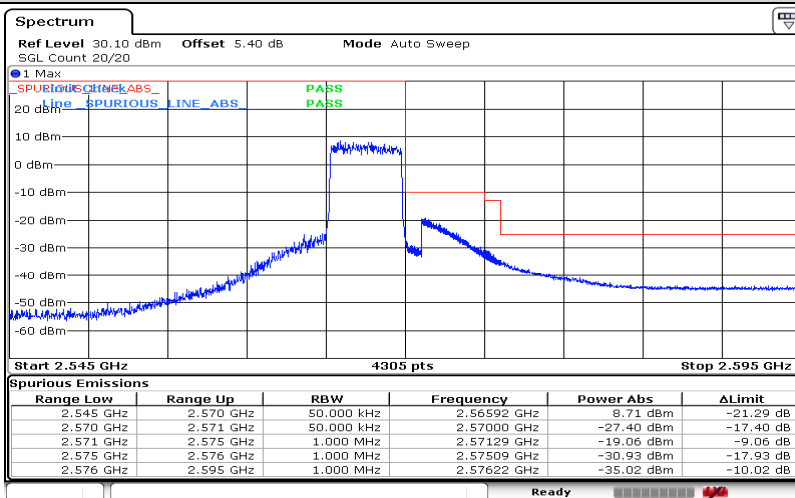


Band7-5MHz-16QAM-21425-1RB#24



Date: 8 JUN 2020 11:55:03

Band7-5MHz-16QAM-21425-25RB#0



Date: 8 JUN 2020 11:54:39



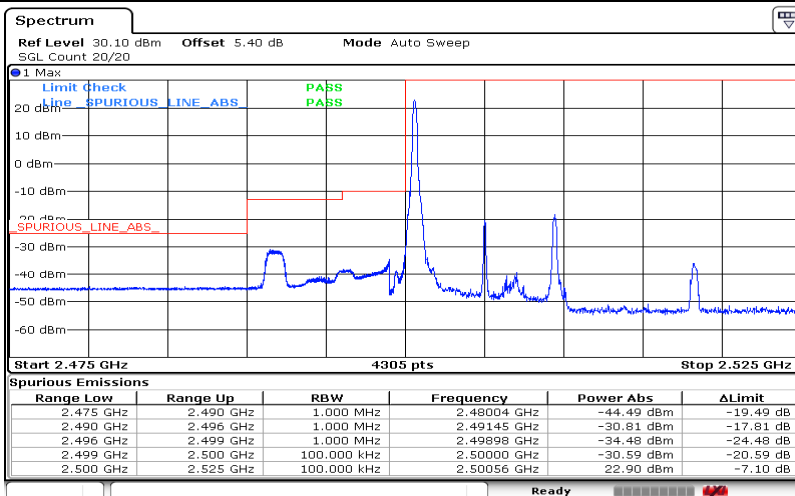
SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch

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

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

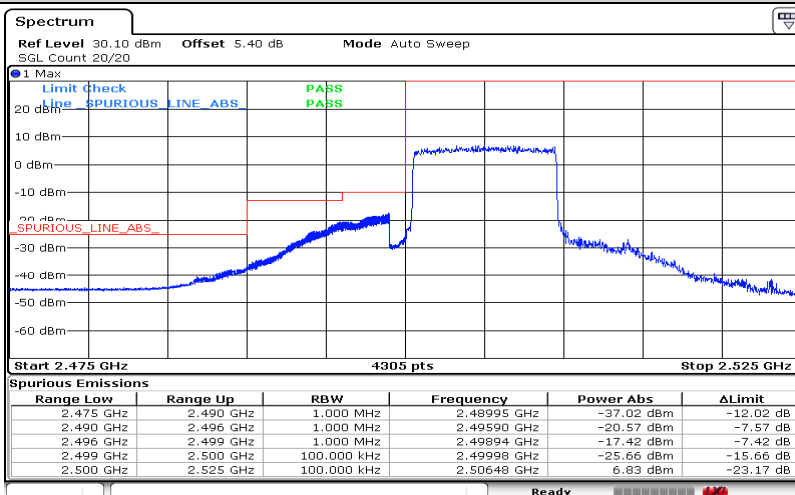
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

## Band7-10MHz-QPSK-20800-1RB#0



Date: 8 JUN 2020 12:12:51

## Band7-10MHz-QPSK-20800-50RB#0



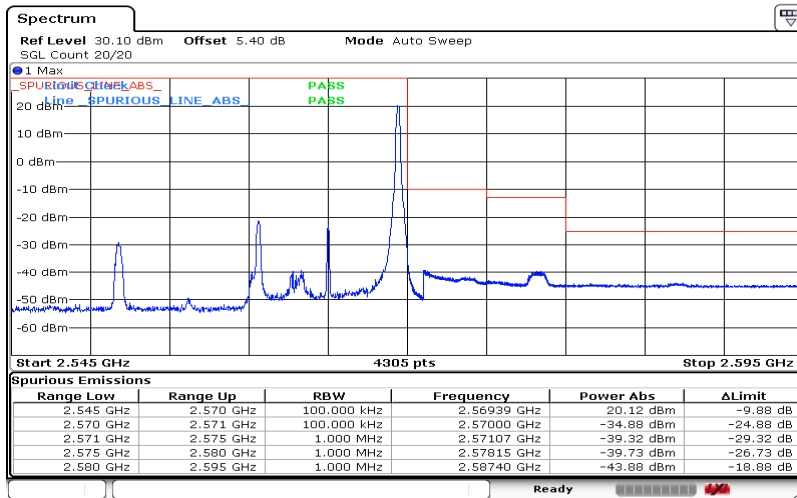
Date: 8 JUN 2020 13:02:40





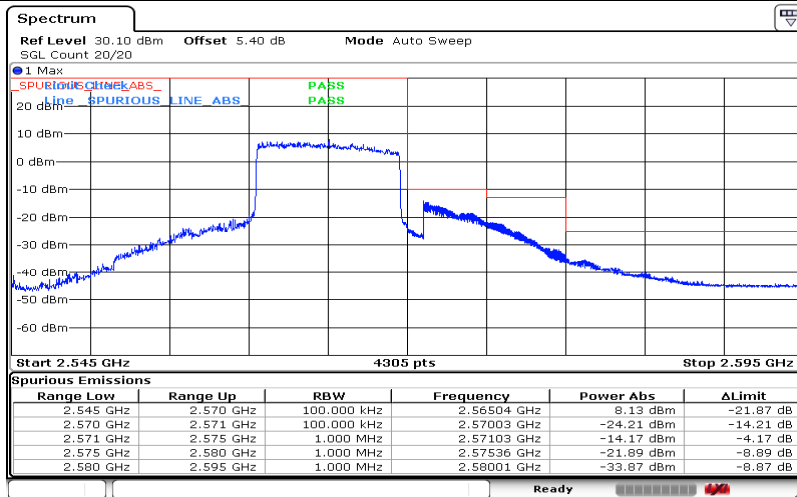


Band7-10MHz-QPSK-21400-1RB#49



Date: 8 JUN 2020 13:00:24

Band7-10MHz-QPSK-21400-50RB#0



Date: 8 JUN 2020 12:59:51

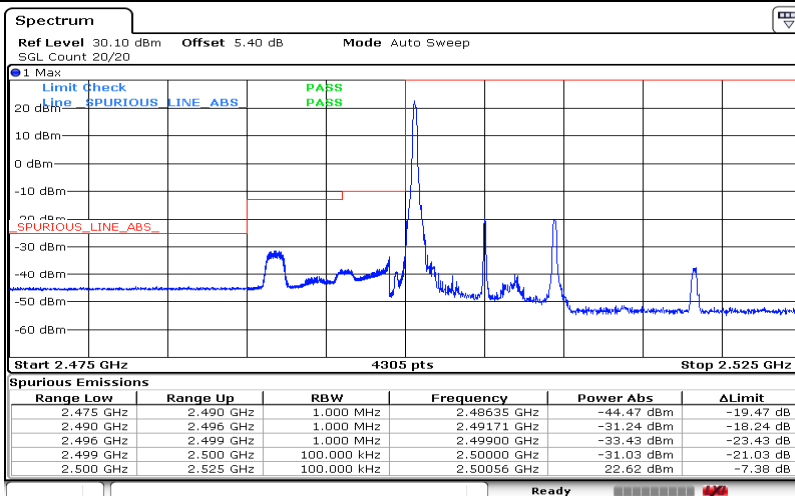


SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch

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

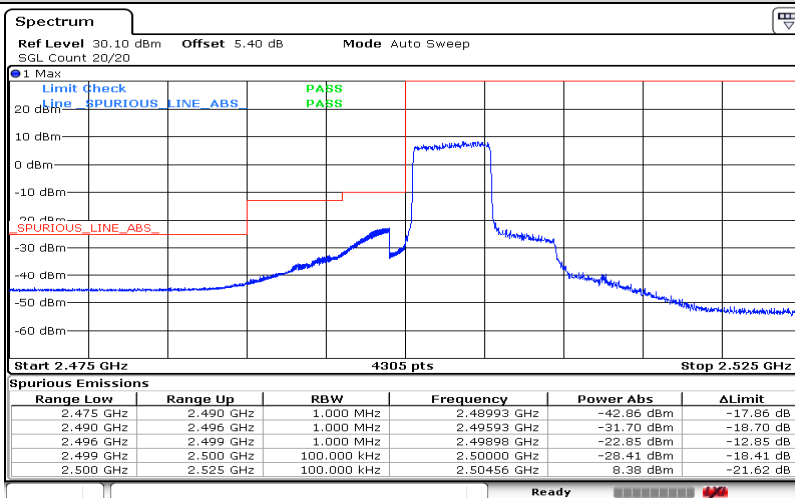
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053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

## Band7-10MHz-16QAM-20800-1RB#0



Date: 8 JUN 2020 12:13:42

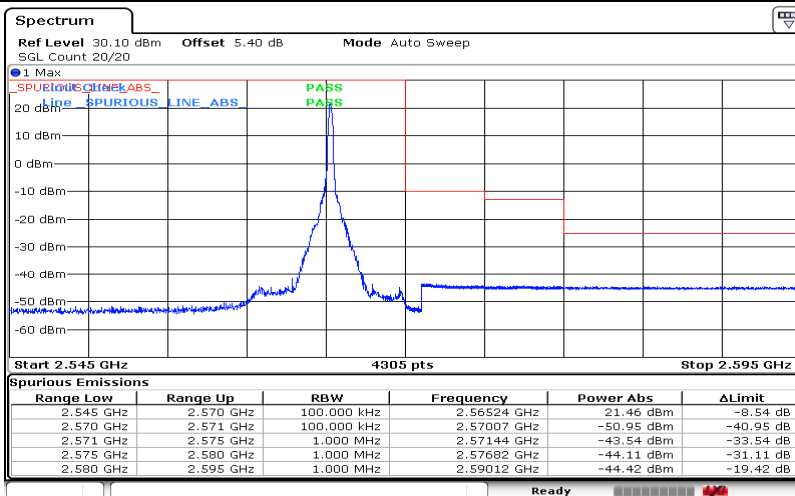
## Band7-10MHz-16QAM-20800-27RB#0



Date: 8 JUN 2020 12:14:29

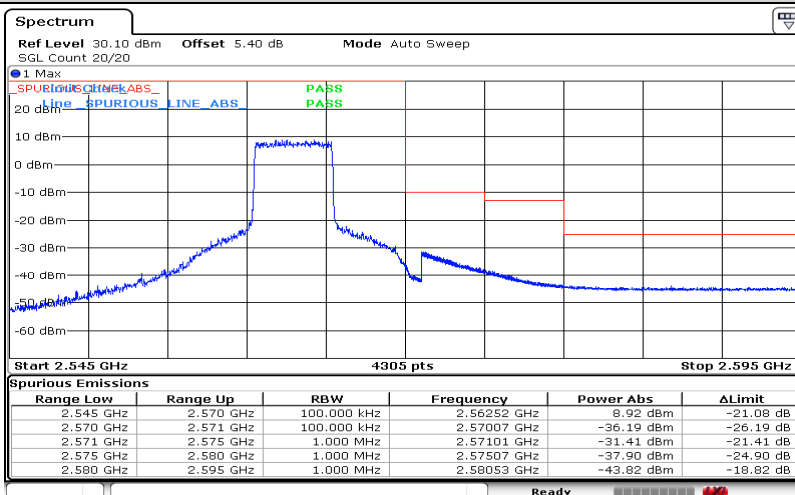


## Band7-10MHz-16QAM-21400-1RB#26



Date: 8 JUN 2020 12:15:52

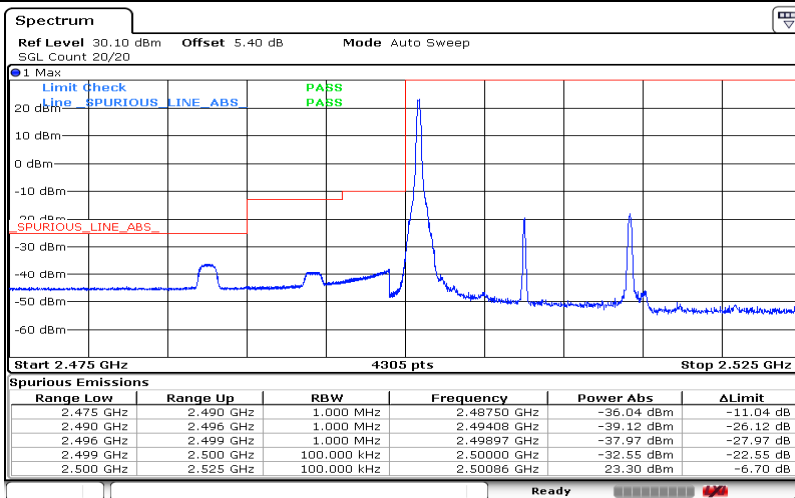
## Band7-10MHz-16QAM-21400-27RB#0



Date: 8 JUN 2020 12:15:18

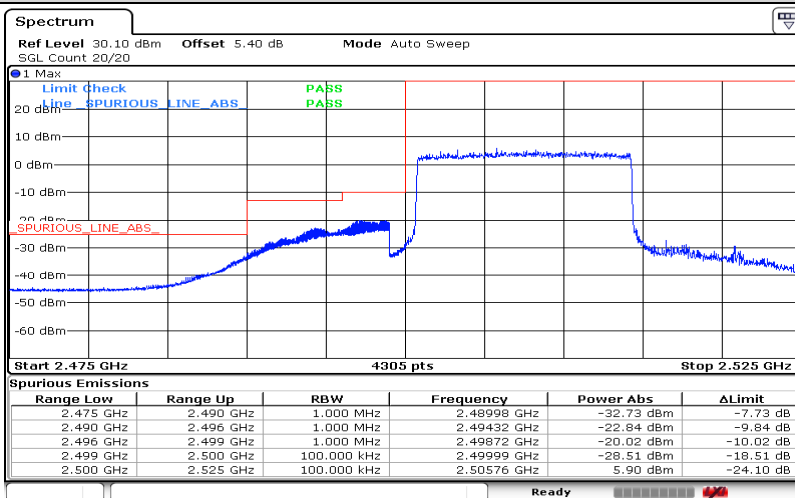


## Band7-15MHz-QPSK-20825-1RB#0



Date: 8 JUN 2020 12:11:08

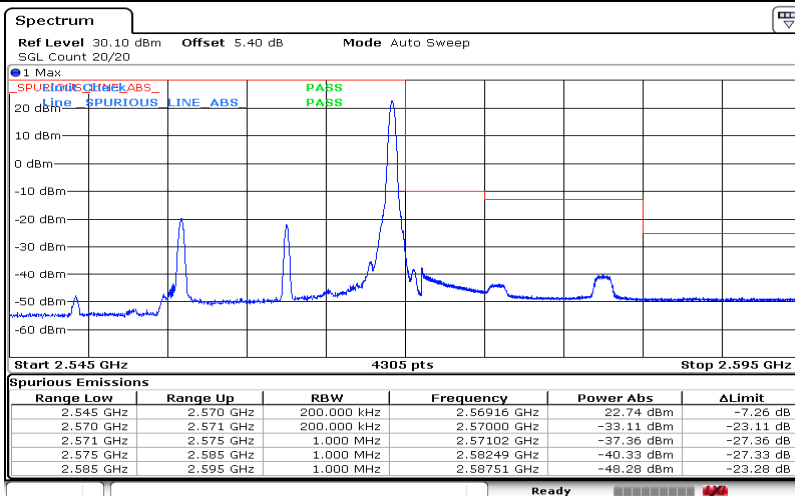
## Band7-15MHz-QPSK-20825-75RB#0



Date: 8 JUN 2020 13:03:53

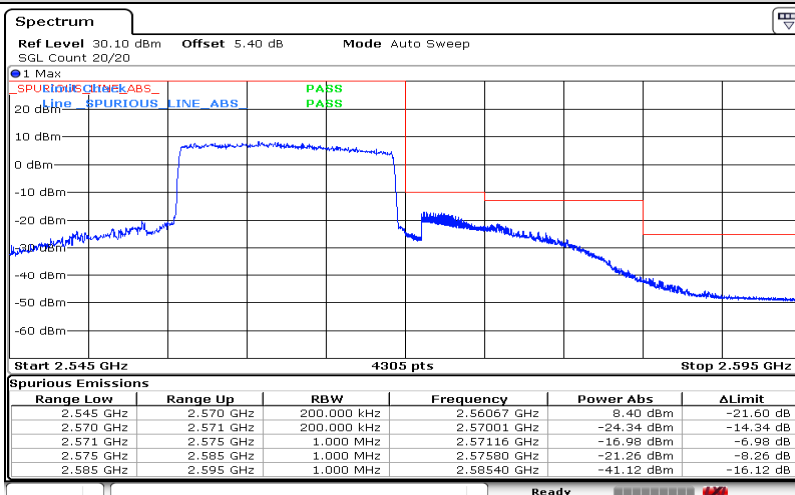


## Band7-15MHz-QPSK-21375-1RB#74



Date: 8 JUN 2020 12:58:34

## Band7-15MHz-QPSK-21375-75RB#0

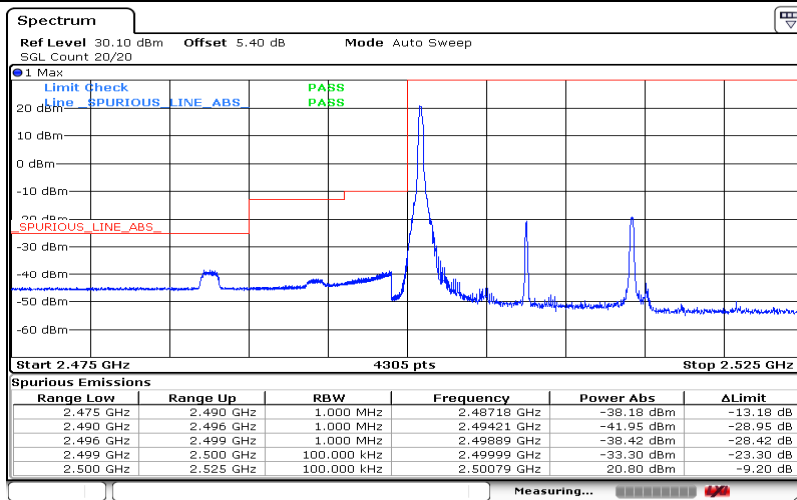


Date: 8 JUN 2020 12:33:14



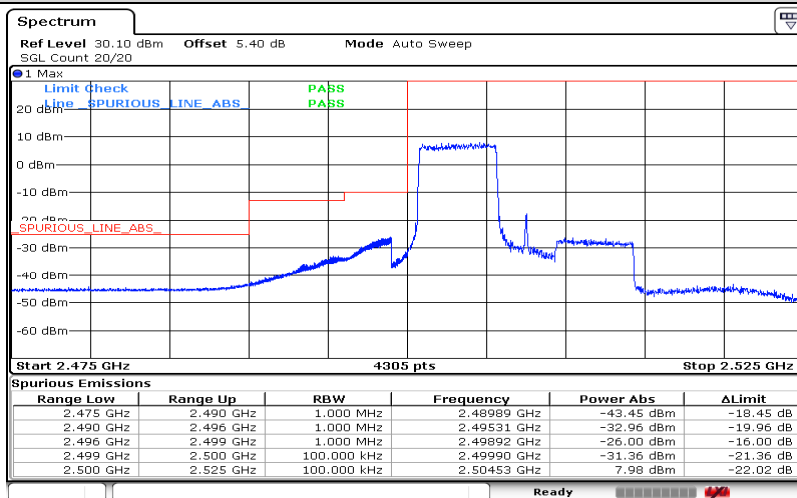


## Band7-15MHz-16QAM-20825-1RB#0



Date: 8 JUN 2020 12:10:41

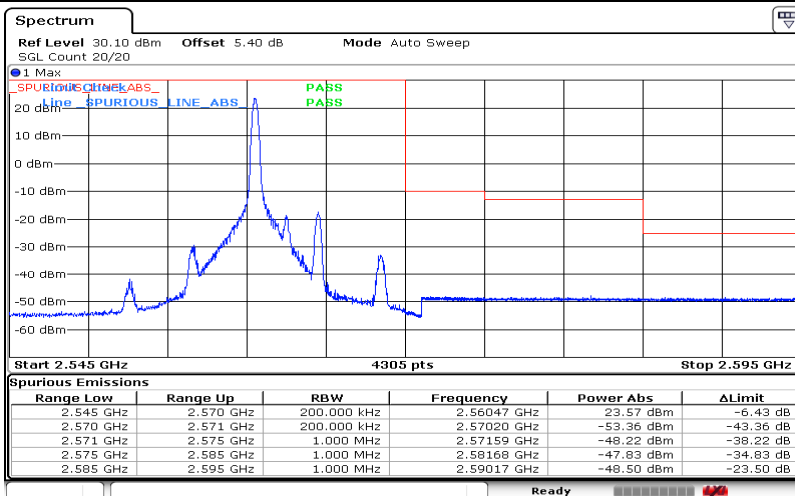
## Band7-15MHz-16QAM-20825-27RB#0



Date: 8 JUN 2020 12:10:16

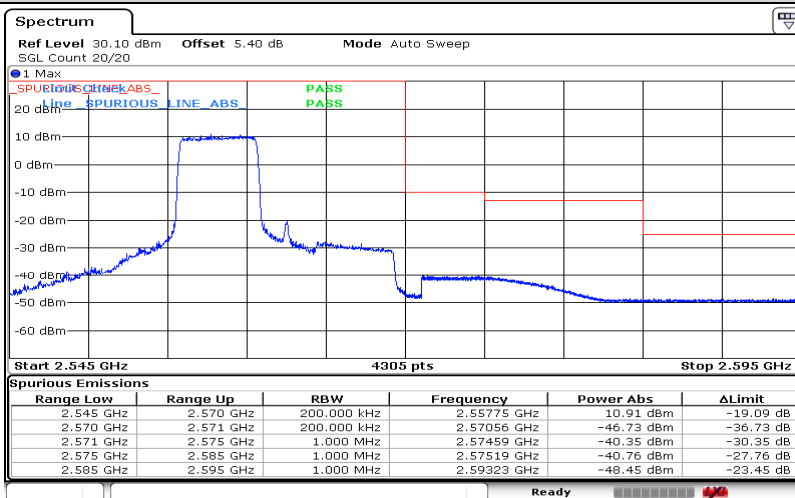


## Band7-15MHz-16QAM-21375-1RB#26



Date: 8 JUN 2020 12:23:58

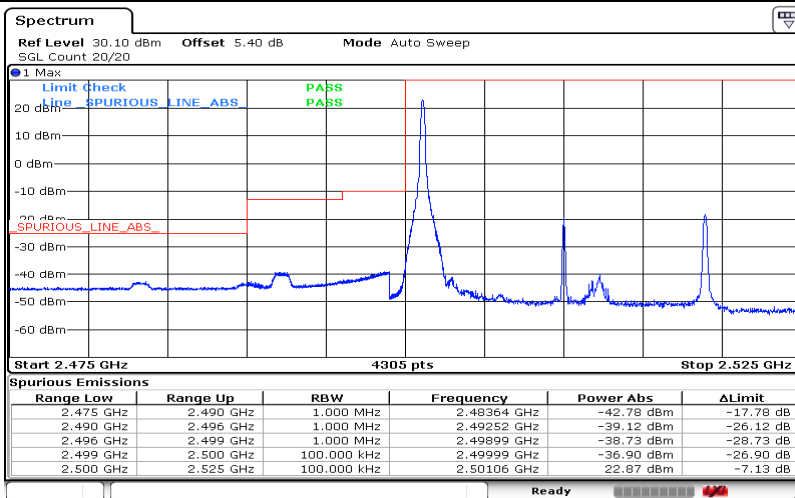
## Band7-15MHz-16QAM-21375-27RB#0



Date: 8 JUN 2020 12:24:25

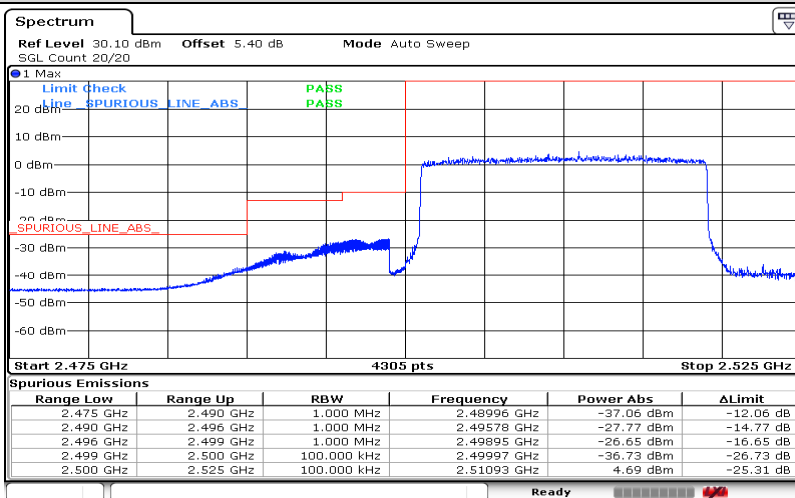


## Band7-20MHz-QPSK-20850-1RB#0



Date: 8 JUN 2020 12:07:49

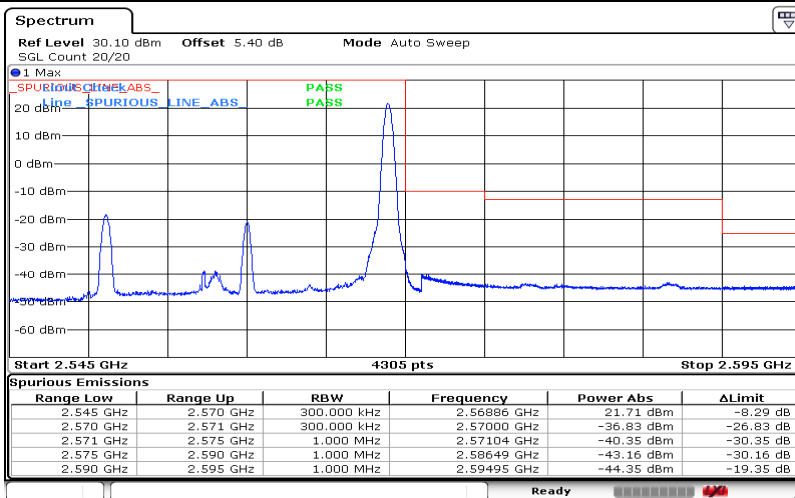
## Band7-20MHz-QPSK-20850-100RB#0



Date: 8 JUN 2020 13:21:24

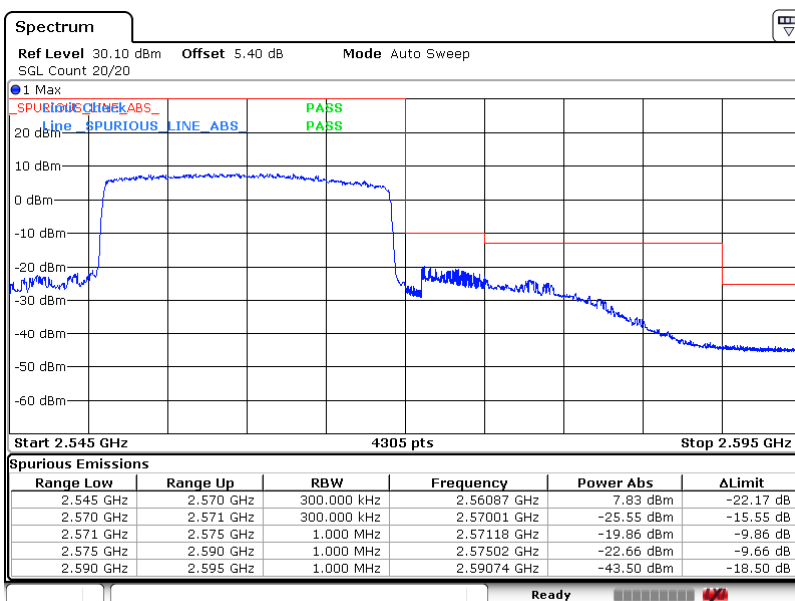


## Band7-20MHz-QPSK-21350-1RB#99



Date: 8 JUN 2020 12:28:52

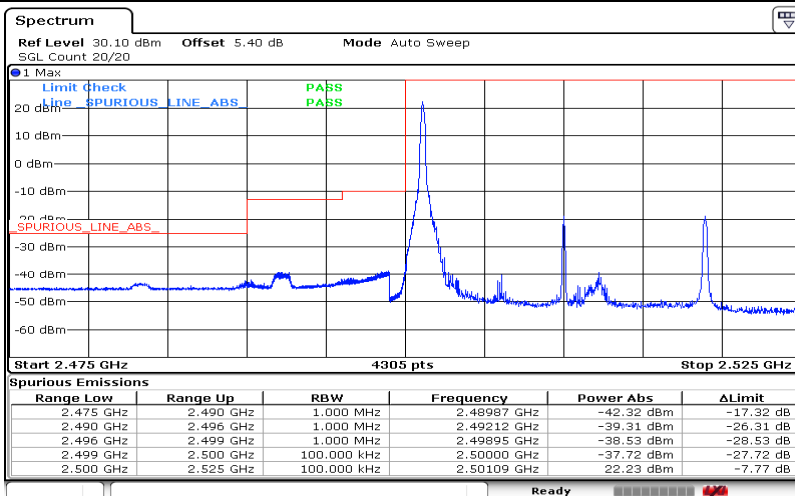
## Band7-20MHz-QPSK-21350-100RB#0



Date: 8 JUN 2020 12:29:39

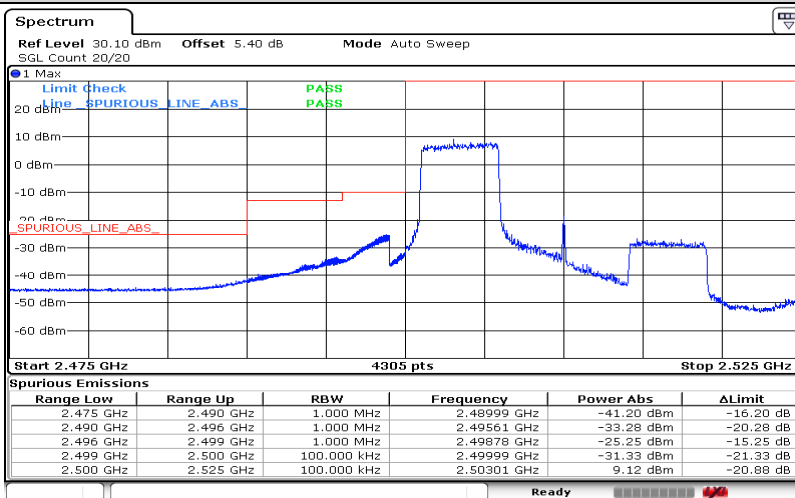


## Band7-20MHz-16QAM-20850-1RB#0



Date: 8 JUN 2020 12:08:24

## Band7-20MHz-16QAM-20850-27RB#0

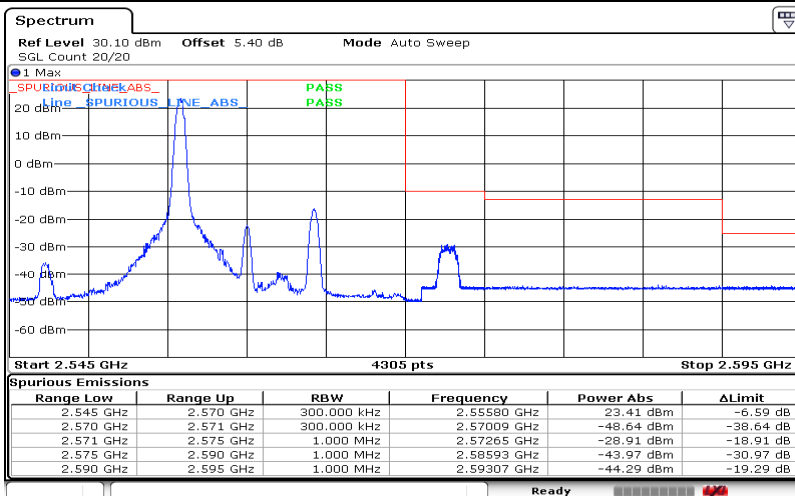


Date: 8 JUN 2020 12:08:53



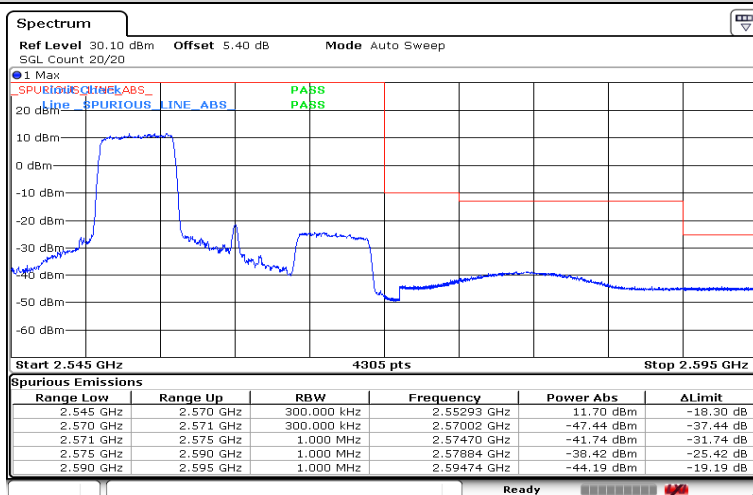


## Band7-20MHz-16QAM-21350-1RB#26



Date: 8 JUN 2020 12:28:22

## Band7-20MHz-16QAM-21350-27RB#0



Date: 8 JUN 2020 12:27:02

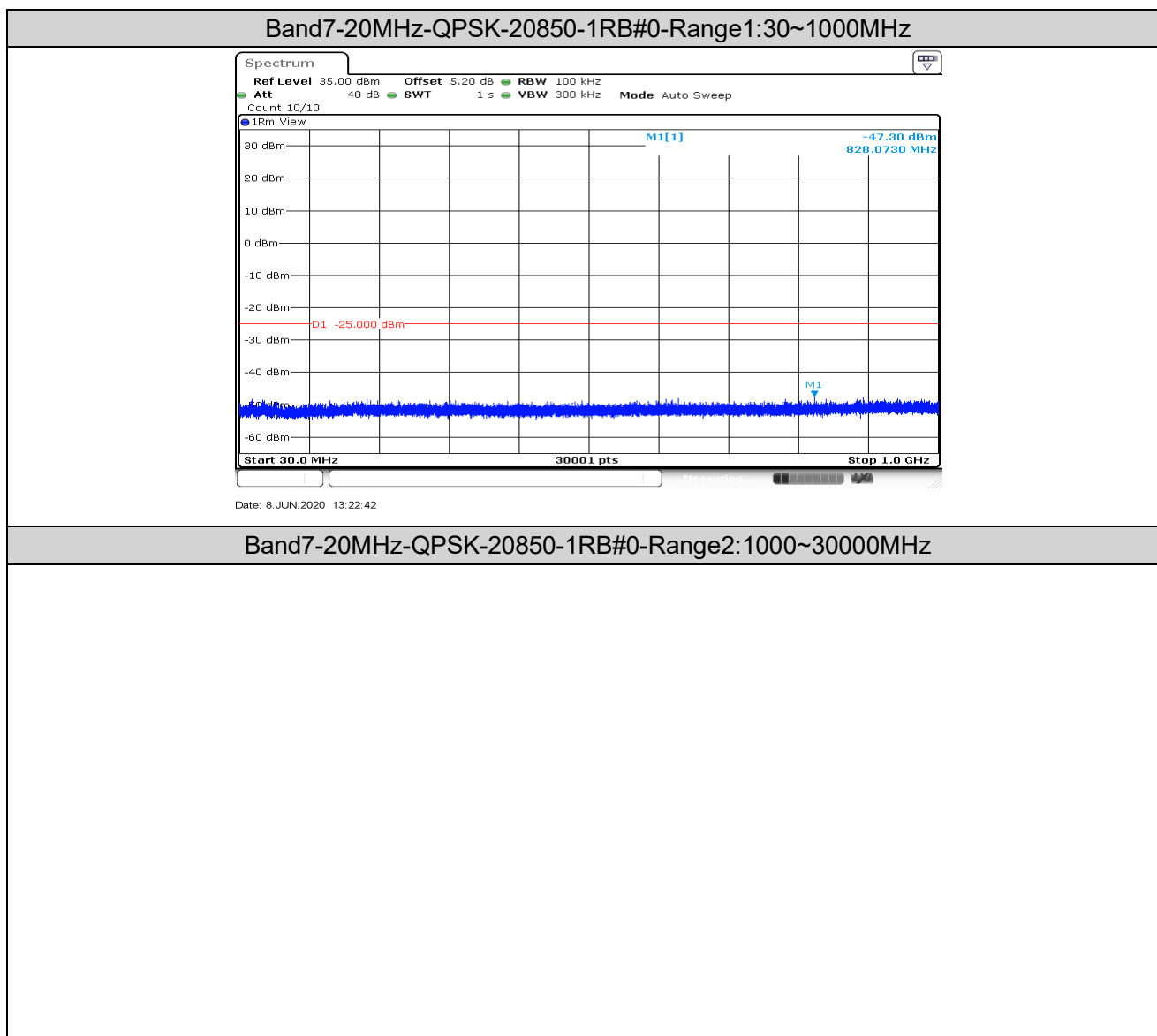


## 6. Spurious Emission at Antenna Terminal

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

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

### 6.1. Test Plots





Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz





Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz

Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz





Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz

Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz







Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz





Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz

Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~30000MHz





## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = LTE Band 7

#### 7.1.1. Test Mode = LTE/TM1 20MHz

##### 7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.450000	-79.92	-13.00	66.92	Vertical
343.800000	-84.34	-13.00	71.34	Vertical
957.420833	-75.37	-13.00	62.37	Vertical
5031.900000	-65.22	-13.00	52.22	Vertical
7503.525000	-50.22	-13.00	37.22	Vertical
10028.450000	-62.37	-13.00	49.37	Vertical
62.850000	-75.26	-13.00	62.26	Horizontal
626.275000	-81.11	-13.00	68.11	Horizontal
951.920833	-75.55	-13.00	62.55	Horizontal
5118.350000	-65.12	-13.00	52.12	Horizontal
7503.200000	-58.41	-13.00	45.41	Horizontal
10623.200000	-61.21	-13.00	48.21	Horizontal

##### 7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.300000	-80.03	-13.00	67.03	Vertical
346.350000	-84.22	-13.00	71.22	Vertical
937.620833	-75.91	-13.00	62.91	Vertical
5049.450000	-64.99	-13.00	51.99	Vertical
7578.275000	-48.04	-13.00	35.04	Vertical
10621.900000	-61.42	-13.00	48.42	Vertical
62.200000	-75.64	-13.00	62.64	Horizontal
632.554167	-81.16	-13.00	68.16	Horizontal
958.475000	-74.32	-13.00	61.32	Horizontal
5052.050000	-61.97	-13.00	48.97	Horizontal
7578.275000	-48.40	-13.00	35.40	Horizontal
10613.450000	-61.60	-13.00	48.60	Horizontal



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

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



### 7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.450000	-80.60	-13.00	67.60	Vertical
355.050000	-85.00	-13.00	72.00	Vertical
934.000000	-75.95	-13.00	62.95	Vertical
5102.100000	-64.35	-13.00	51.35	Vertical
7653.350000	-56.57	-13.00	43.57	Vertical
10589.075000	-61.22	-13.00	48.22	Vertical
62.500000	-76.03	-13.00	63.03	Horizontal
613.625000	-81.02	-13.00	68.02	Horizontal
946.191667	-75.27	-13.00	62.27	Horizontal
5102.100000	-59.89	-13.00	46.89	Horizontal
7653.350000	-46.18	-13.00	33.18	Horizontal
10655.700000	-61.53	-13.00	48.53	Horizontal

#### Remark:

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





## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	1.00	0.000398	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-1.20	-0.000478	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-0.20	-0.000080	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-6.50	-0.002564	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-4.40	-0.001736	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-2.30	-0.000898	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	1.50	0.000586	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	1.20	0.000469	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	VL	NT	3.10	0.001235	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	VN	NT	0.10	0.000040	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	VH	NT	-0.70	-0.000279	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	VL	NT	-4.10	-0.001617	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	VN	NT	-4.70	-0.001854	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	VH	NT	-3.10	-0.001223	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	VL	NT	1.70	0.000664	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	VN	NT	0.40	0.000156	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	VH	NT	-0.40	-0.000156	±2.5	PASS







## 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	1.80	0.000717	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	2.90	0.001155	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	1.90	0.000757	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	4.80	0.001912	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-0.40	-0.000159	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	2.70	0.001076	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-0.50	-0.000199	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-1.80	-0.000710	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-1.60	-0.000631	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-0.90	-0.000355	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-1.40	-0.000552	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-2.00	-0.000789	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-6.40	-0.002525	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-3.90	-0.001538	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	1.00	0.000391	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	1.20	0.000469	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-0.90	-0.000352	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-1.70	-0.000664	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-0.40	-0.000156	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	0.20	0.000078	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	-30	0.30	0.000120	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	0	3.30	0.001315	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	10	-0.30	-0.000120	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	20	1.70	0.000677	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	30	-0.70	-0.000279	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	40	-0.30	-0.000120	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	50	1.80	0.000717	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	-30	-4.80	-0.001893	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	-20	-2.40	-0.000947	±2.5	PASS



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

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



Band7	20MHz	16QAM	21100	27RB#0	NV	0	-2.10	-0.000828	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	10	-3.00	-0.001183	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	20	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	30	-5.40	-0.002130	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	40	-3.90	-0.001538	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	50	-2.60	-0.001026	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	-30	3.20	0.001250	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	-20	-2.60	-0.001016	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	0	-1.50	-0.000586	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	10	-0.40	-0.000156	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	20	-0.80	-0.000313	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	30	-1.50	-0.000586	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	40	1.70	0.000664	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	50	1.50	0.000586	±2.5	PASS

