

Appendix B

E-UTRA BAND 7



CONTENT

1. EFFECTIVE (ISOTROPIC) RADIATED POWER	3
1.1. Test Result	3
2. PEAK-TO-AVERAGE RATIO(CCDF).....	10
2.1. Test Result	10
2.2. Test Plots.....	10
3. MODULATION CHARACTERISTICS	15
3.1. Test BAND = LTE BAND7	15
3.1.1. Test Mode = LTE /TM1 20MHz.....	15
3.1.1.1. Test Channel = MCH.....	15
3.1.2. Test Mode = LTE /TM2 20MHz.....	16
3.1.2.1. Test Channel = MCH.....	16
3.1.3. Test Mode = LTE /TM3 20MHz.....	17
3.1.3.1. Test Channel = MCH.....	17
4. 26dB BANDWIDTH AND OCCUPIED BANDWIDTH	18
4.1. Test Result	18
4.2. Test Plots.....	19
5. BAND EDGE COMPLIANCE	37
5.1. Test Plots.....	37
6. SPURIOUS EMISSION AT ANTENNA TERMINAL	61
6.1. Test Plots.....	61
7. FIELD STRENGTH OF SPURIOUS RADIATION	70
7.1. MAIN ANTENNA	70
7.1.1. Test BAND = LTE BAND 7	70
7.2. SECONDARY ANTENNA	76
7.2.1. Test BAND = LTE BAND 7	76
8. APPENDIX F: FREQUENCY STABILITY	82
9.1. Frequency Vs Voltage	82
9.2. Frequency Vs Temperature	82



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



1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.66	23.16	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.19	22.69	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.68	23.18	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.39	21.89	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.33	21.83	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.32	21.82	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.29	21.79	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.75	23.25	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.32	22.82	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.67	23.17	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.20	21.70	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.25	21.75	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.25	21.75	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.23	21.73	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.68	23.18	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.26	22.76	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.74	23.24	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.39	21.89	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.18	21.68	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.34	21.84	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.31	21.81	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.86	21.36	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.58	21.08	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.06	21.56	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.83	20.33	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.76	20.26	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	19.79	20.29	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	19.77	20.27	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.01	21.51	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.53	21.03	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.05	21.55	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.66	20.16	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

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

t (86-755) 26012053 f (86-755) 26710594
t (86-755) 26012053 f (86-755) 26710594

www.sgs.com.cn
sgs.china@sgs.com



Band7	5MHz	64QAM	21100	12RB#6	19.64	20.14	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	19.64	20.14	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.65	20.15	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.11	21.61	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.58	21.08	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.98	21.48	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	19.83	20.33	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.79	20.29	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.75	20.25	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.82	20.32	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.64	22.14	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.24	21.74	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.72	22.22	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.70	21.20	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.47	20.97	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.65	21.15	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.59	21.09	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.72	22.22	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.34	21.84	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.51	22.01	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.59	21.09	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.59	21.09	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.62	21.12	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.54	21.04	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.64	22.14	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.30	21.80	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.57	22.07	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.53	21.03	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.49	20.99	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.60	21.10	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.42	20.92	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.63	23.13	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.61	23.11	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.52	23.02	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.21	21.71	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.25	21.75	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.21	21.71	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.24	21.74	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

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	21100	1RB#0	22.57	23.07	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.55	23.05	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.63	23.13	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.05	21.55	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.30	21.80	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.27	21.77	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.37	21.87	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.60	23.10	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.54	23.04	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.62	23.12	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.24	21.74	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.27	21.77	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.30	21.80	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.36	21.86	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.00	21.50	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.72	21.22	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	20.88	21.38	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	19.50	20.00	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	19.81	20.31	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.76	20.26	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	19.75	20.25	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.06	21.56	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	20.70	21.20	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.82	21.32	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	19.62	20.12	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.66	20.16	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	19.80	20.30	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.84	20.34	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.94	21.44	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.88	21.38	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.93	21.43	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.59	20.09	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.87	20.37	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.78	20.28	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.89	20.39	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.57	22.07	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.39	21.89	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.48	21.98	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
 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	16QAM	20800	25RB#0	20.33	20.83	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.52	21.02	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.50	21.00	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.53	21.03	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.46	21.96	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.45	21.95	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.31	21.81	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.38	20.88	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.56	21.06	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.51	21.01	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.58	21.08	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.46	21.96	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.34	21.84	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.29	21.79	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.37	20.87	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.51	21.01	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.48	20.98	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.63	21.13	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.64	23.14	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.77	23.27	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.53	23.03	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	21.17	21.67	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	21.22	21.72	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	21.17	21.67	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.25	21.75	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.56	23.06	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.74	23.24	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.55	23.05	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	21.04	21.54	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	21.13	21.63	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	21.29	21.79	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.36	21.86	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.74	23.24	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.78	23.28	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.60	23.10	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	21.21	21.71	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	21.33	21.83	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	21.31	21.81	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
 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	21.45	21.95	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.88	21.38	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.96	21.46	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.80	21.30	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	19.43	19.93	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	19.62	20.12	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	19.60	20.10	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	19.59	20.09	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.89	21.39	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	20.93	21.43	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.81	21.31	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#0	19.63	20.13	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#18	19.63	20.13	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	19.81	20.31	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.86	20.36	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.08	21.58	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.05	21.55	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.79	21.29	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	19.53	20.03	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	19.78	20.28	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	19.77	20.27	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.90	20.40	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.62	22.12	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.57	22.07	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.44	21.94	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	20.50	21.00	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	20.49	20.99	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	20.44	20.94	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.49	20.99	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.49	21.99	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.50	22.00	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.56	22.06	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	20.41	20.91	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#18	20.41	20.91	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	20.53	21.03	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.61	21.11	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.62	22.12	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.57	22.07	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
 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	21375	1RB#74	21.35	21.85	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	20.37	20.87	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	20.55	21.05	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	20.53	21.03	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.67	21.17	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.52	23.02	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.63	23.13	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.80	23.30	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.37	21.87	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.39	21.89	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.27	21.77	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.39	21.89	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.61	23.11	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.52	23.02	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.85	23.35	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.34	21.84	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.30	21.80	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.39	21.89	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.52	22.02	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.59	23.09	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.55	23.05	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.83	23.33	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.42	21.92	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.29	21.79	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.49	21.99	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.49	21.99	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	20.97	21.47	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.97	21.47	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.05	21.55	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.81	20.31	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.92	20.42	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.86	20.36	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.85	20.35	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.87	21.37	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.90	21.40	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.08	21.58	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.68	20.18	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.77	20.27	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
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	64QAM	21100	50RB#50	19.92	20.42	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.85	20.35	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.99	21.49	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.00	21.50	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.20	21.70	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	19.88	20.38	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.96	20.46	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.98	20.48	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.04	20.54	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.52	22.02	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.53	22.03	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.68	22.18	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.65	21.15	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.63	21.13	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.55	21.05	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.67	21.17	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.37	21.87	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.29	21.79	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.67	22.17	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.52	21.02	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.54	21.04	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.67	21.17	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.73	21.23	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.50	22.00	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.37	21.87	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.61	22.11	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.59	21.09	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.55	21.05	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.66	21.16	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.78	21.28	33.00	PASS

Remark:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level



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

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

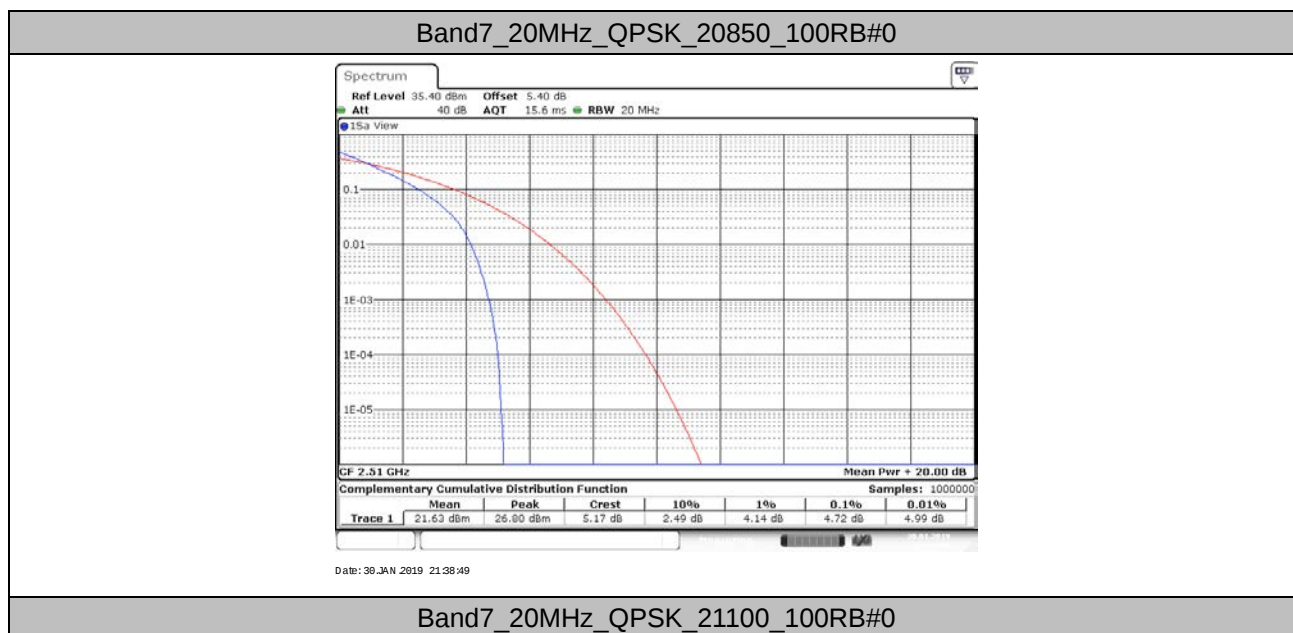


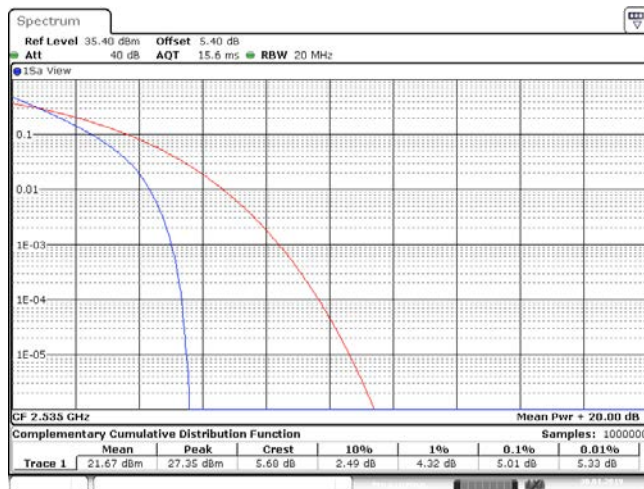
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.72	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.01	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.84	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	5.86	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	5.83	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.71	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.22	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.36	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.19	13	PASS

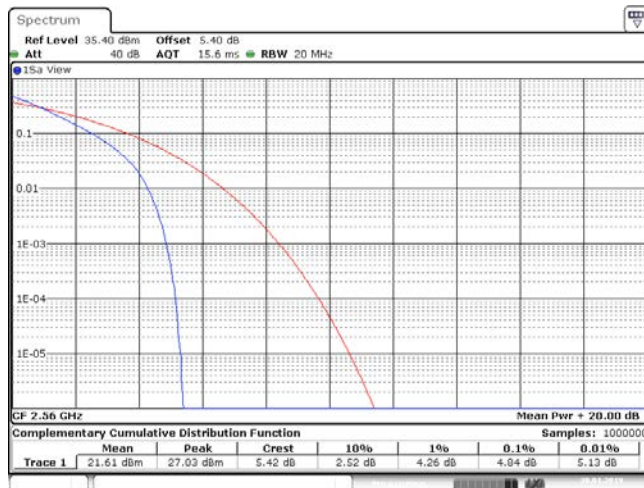
2.2. Test Plots





Date: 30 JAN 2019 21:39:02

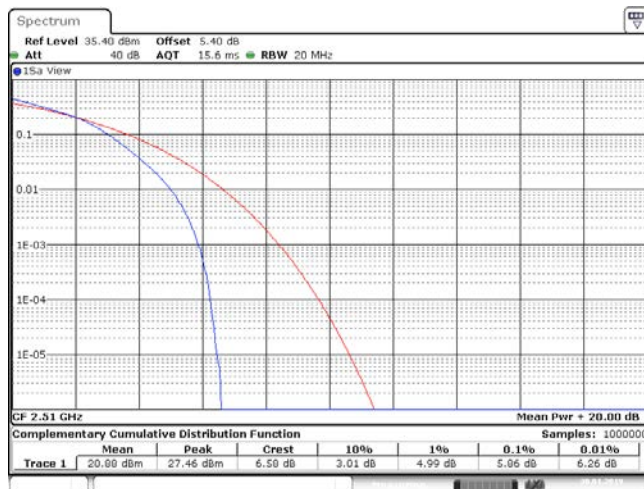
Band7_20MHz_QPSK_21350_100RB#0



Date: 30 JAN 2019 21:39:14

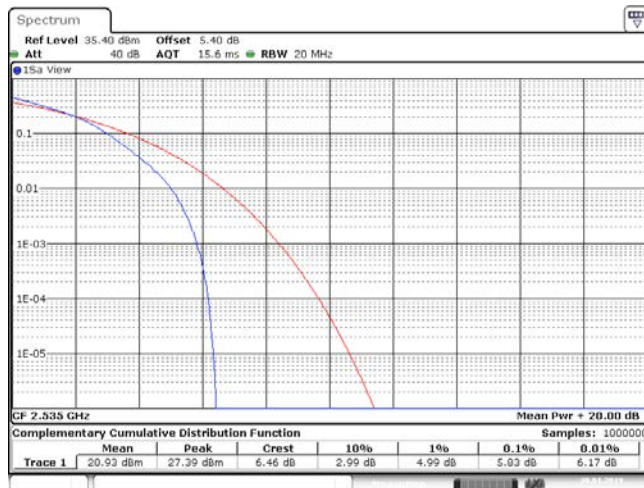
Band7_20MHz_64QAM_20850_100RB#0





Date: 30 JAN 2019 21:48:94

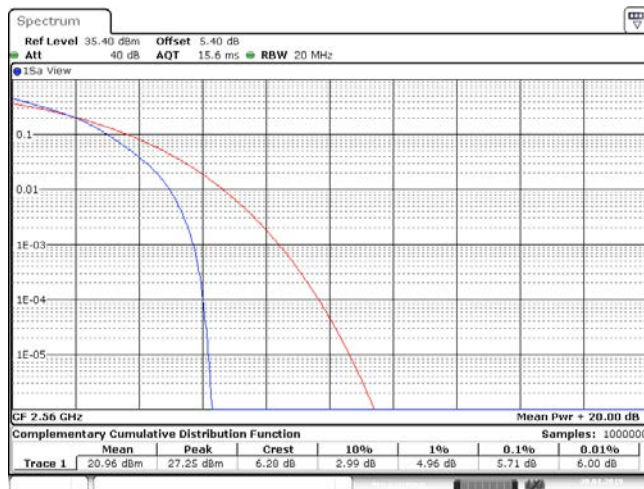
Band7_20MHz_64QAM_21100_100RB#0



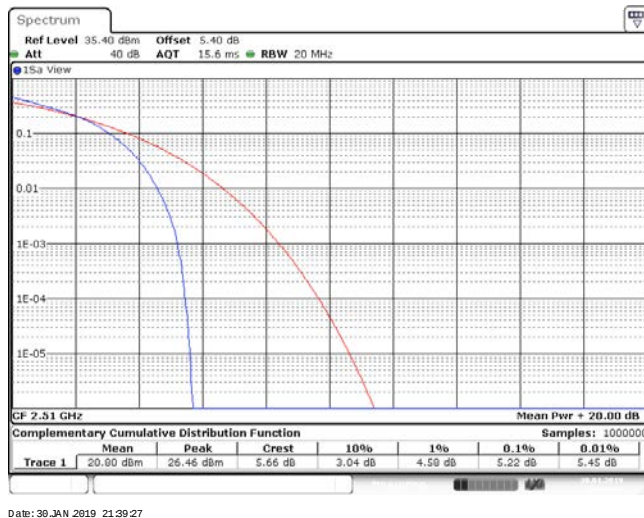
Date: 30 JAN 2019 21:48:17

Band7_20MHz_64QAM_21350_100RB#0



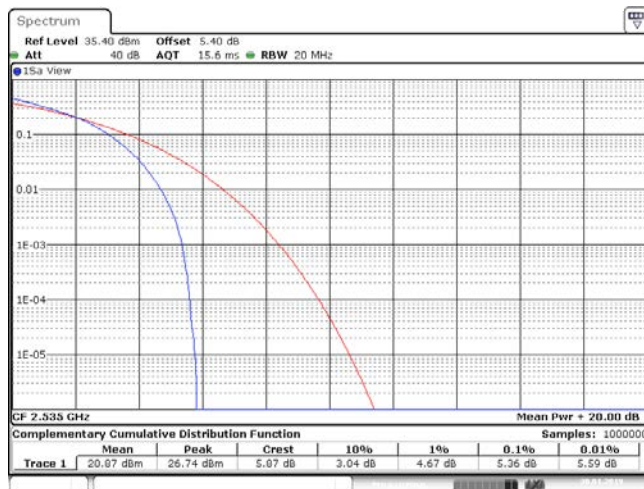


Band7_20MHz_16QAM_20850_100RB#0



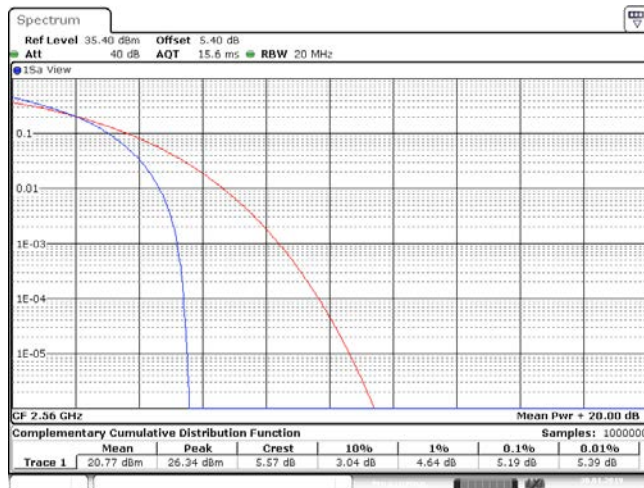
Band7_20MHz_16QAM_21100_100RB#0





Date: 30 JAN 2019 21:39:39

Band7_20MHz_16QAM_21350_100RB#0



Date: 30 JAN 2019 21:39:52

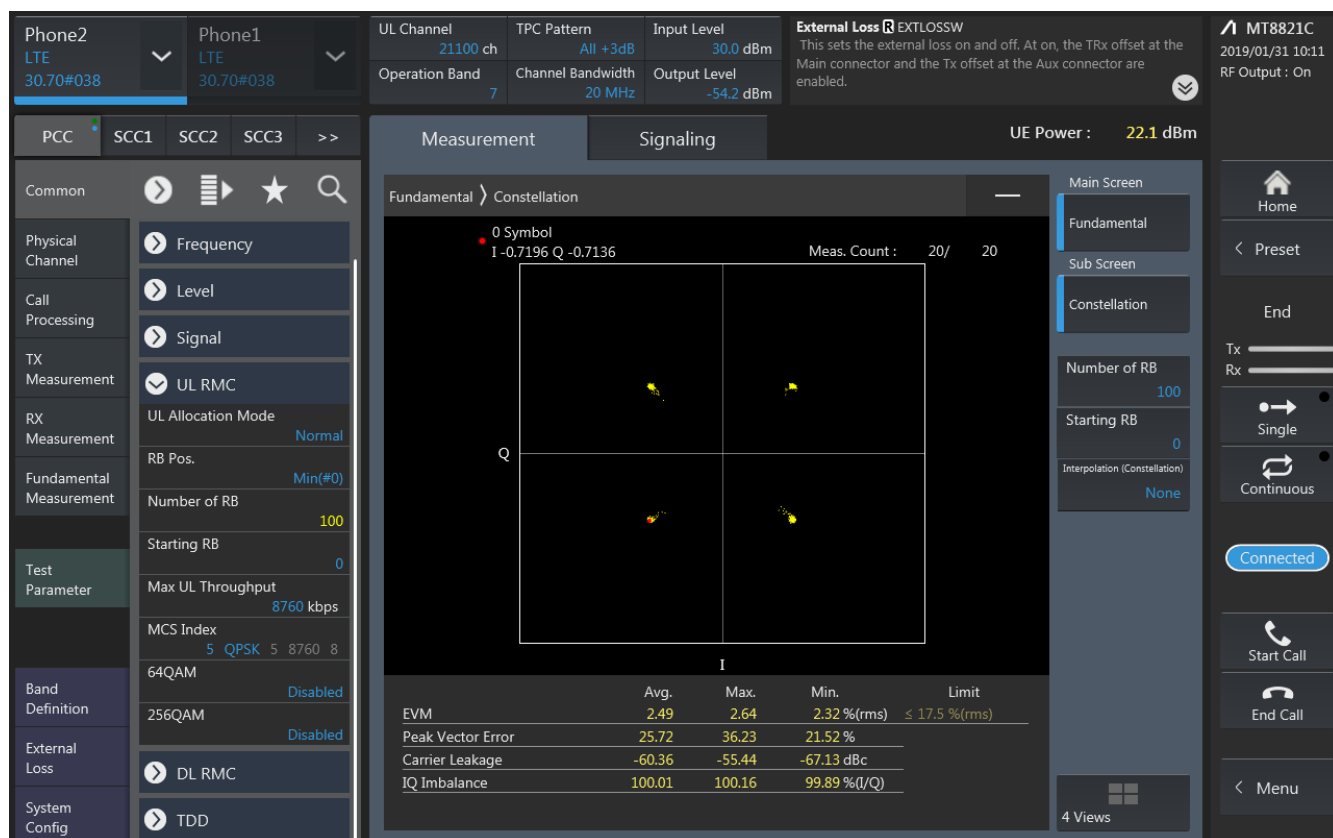


3. Modulation Characteristics

3.1. Test BAND = LTE BAND7

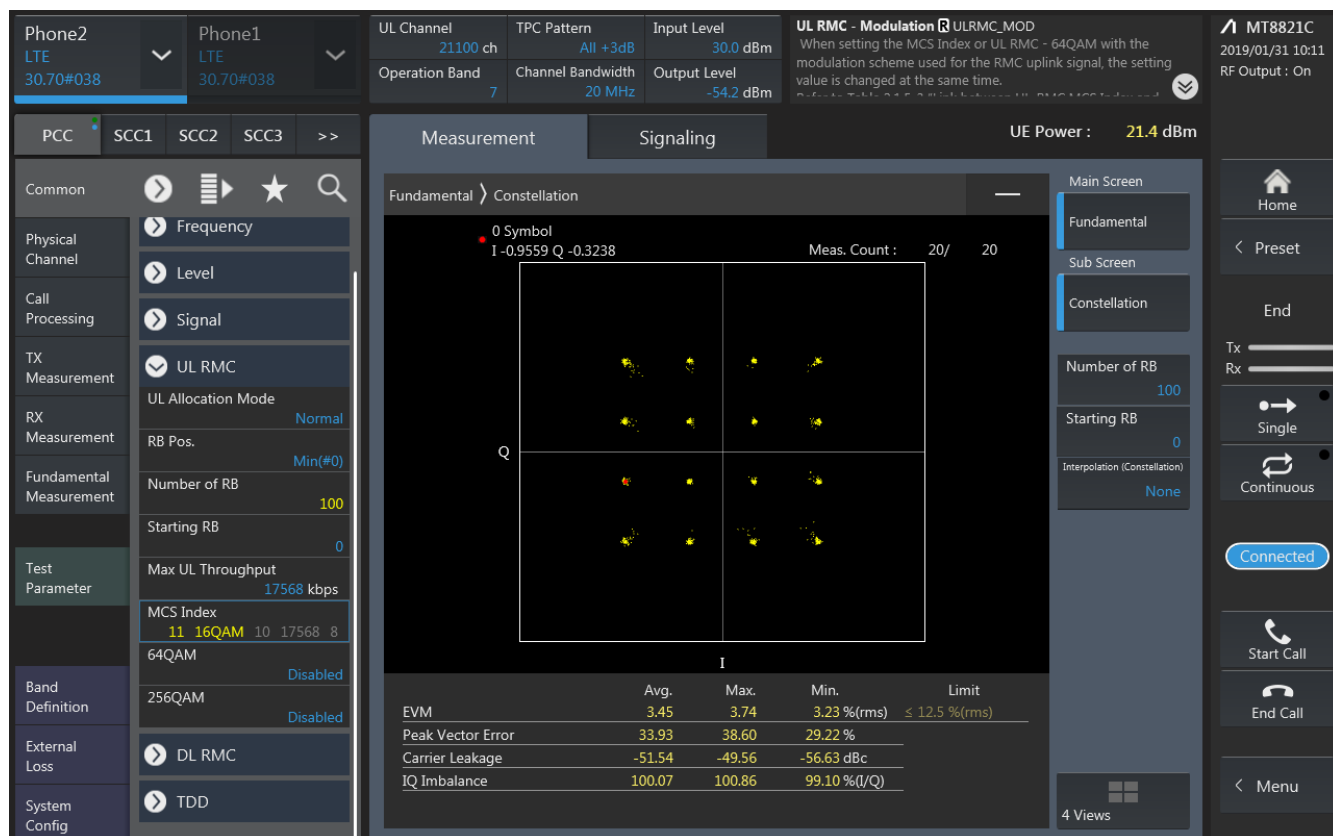
3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



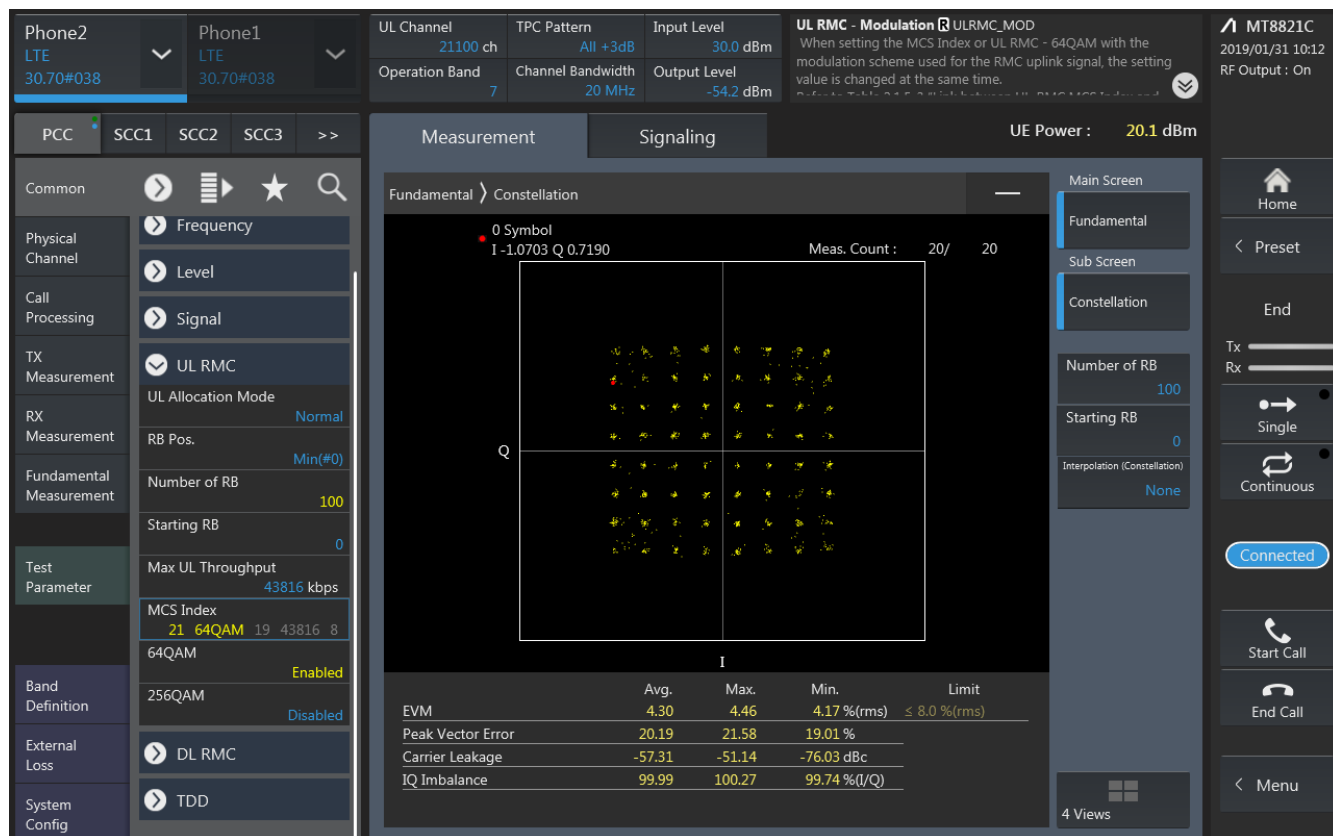
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (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 sgs.china@sgs.com

3.1.3. Test Mode = LTE /TM3 20MHz

3.1.3.1. Test Channel = MCH



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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (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 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	4.486	4.910	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.466	4.900	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.476	4.890	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.910	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.890	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.476	4.900	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.486	4.930	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.840	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.951	9.820	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.931	9.760	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.931	9.760	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.951	9.780	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.951	9.800	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.800	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.931	9.780	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.971	9.760	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	15.090	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.487	14.970	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.516	15.060	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.516	15.030	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.487	15.060	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.516	15.060	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.487	15.000	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.516	15.150	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	15.030	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.902	19.800	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.942	19.720	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.942	19.640	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.942	19.920	PASS



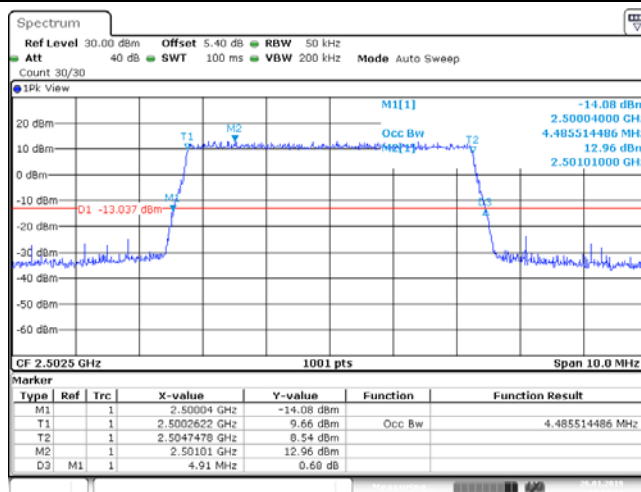
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

Band7	20MHz	64QAM	21100	100RB#0	17.902	19.960	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.942	19.800	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.942	19.720	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.942	19.800	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.942	19.760	PASS

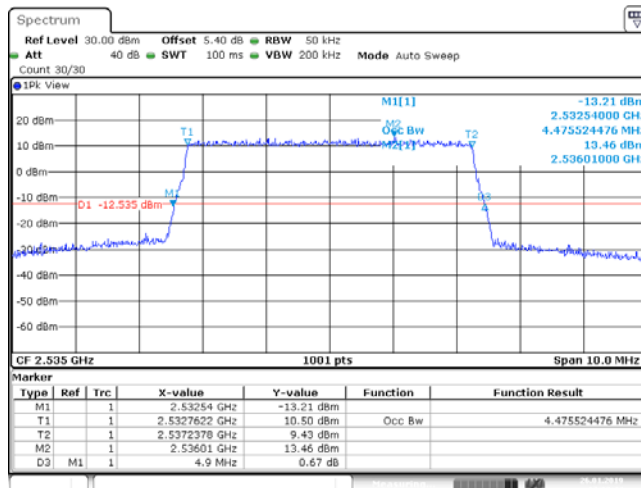
4.2. Test Plots

Band7_5MHz_QPSK_20775_25RB#0



Date: 26 JAN 2019 17:13:22

Band7_5MHz_QPSK_21100_25RB#0



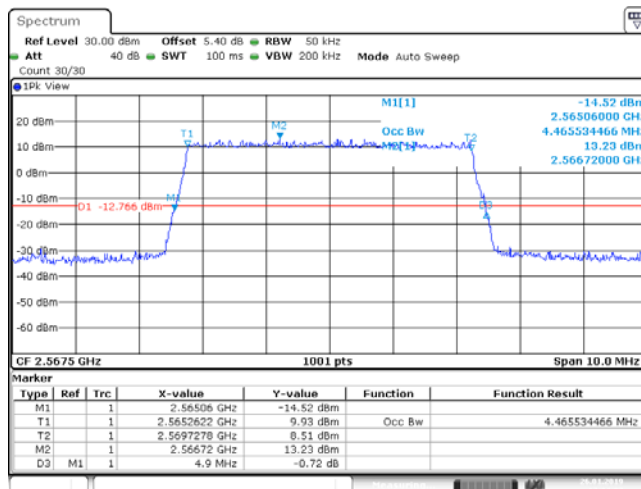
Date: 26 JAN 2019 17:13:45

Band7_5MHz_QPSK_21425_25RB#0



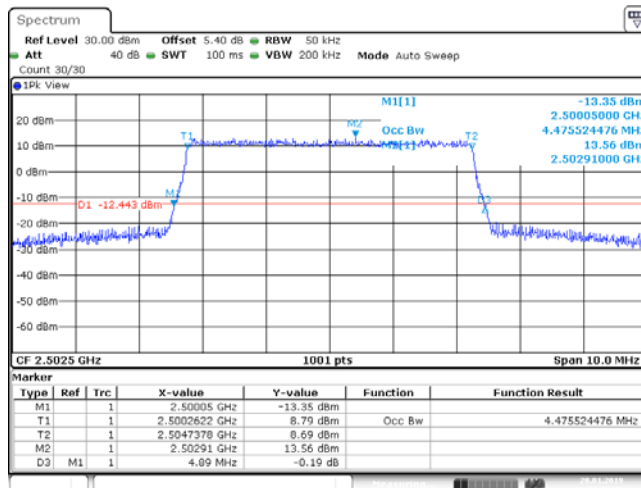
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 26 JAN 2019 17:14:08

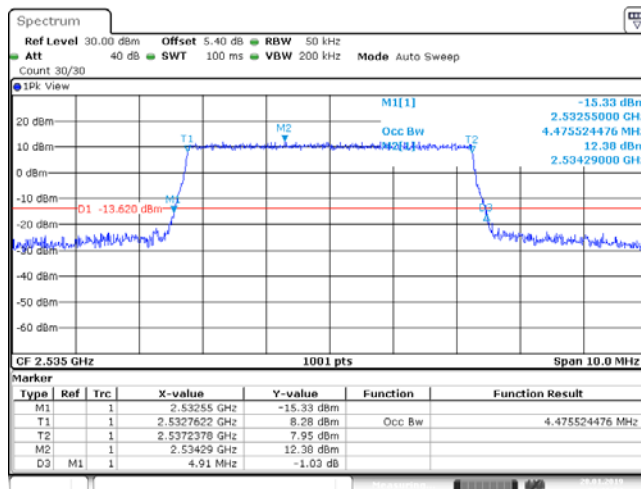
Band7_5MHz_64QAM_20775_25RB#0



Date: 28 JAN 2019 21:16:39

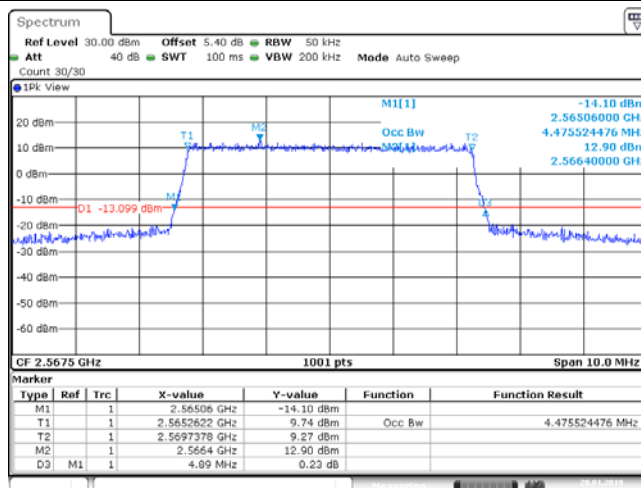
Band7_5MHz_64QAM_21100_25RB#0





Date: 28 JAN 2019 21:16:53

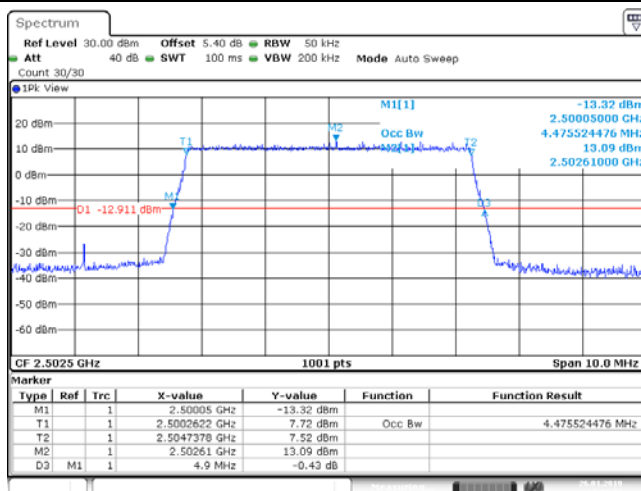
Band7_5MHz_64QAM_21425_25RB#0



Date: 28 JAN 2019 21:17:06

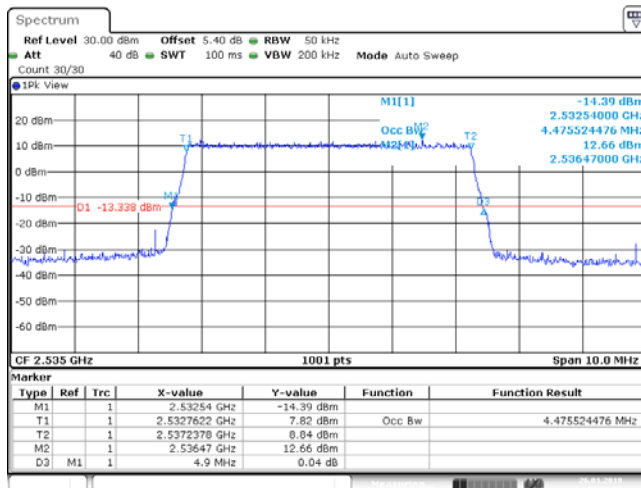
Band7_5MHz_16QAM_20775_25RB#0





Date: 26 JAN 2019 17:13:32

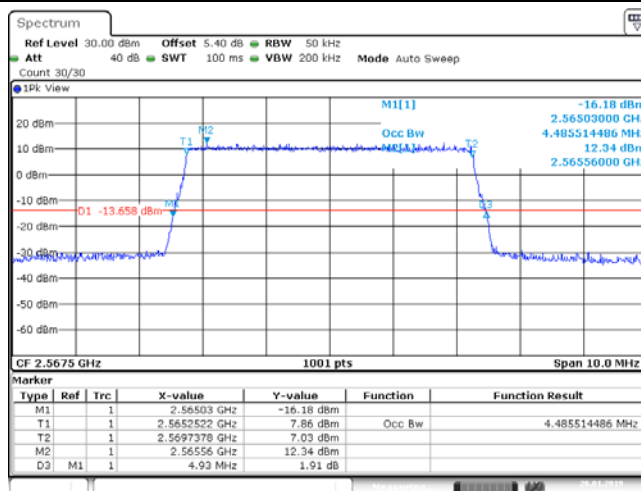
Band7_5MHz_16QAM_21100_25RB#0



Date: 26 JAN 2019 17:13:55

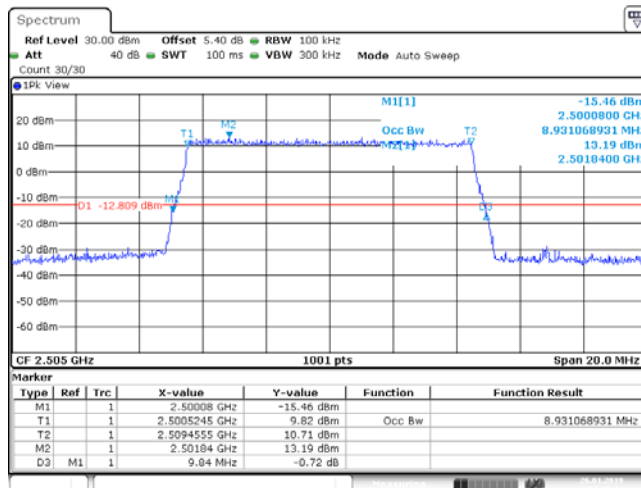
Band7_5MHz_16QAM_21425_25RB#0





Date: 26 JAN 2019 17:14:18

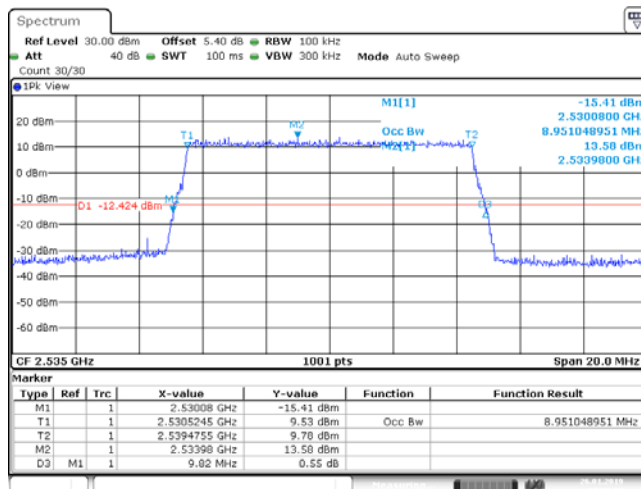
Band7_10MHz_QPSK_20800_50RB#0



Date: 26 JAN 2019 17:15:45

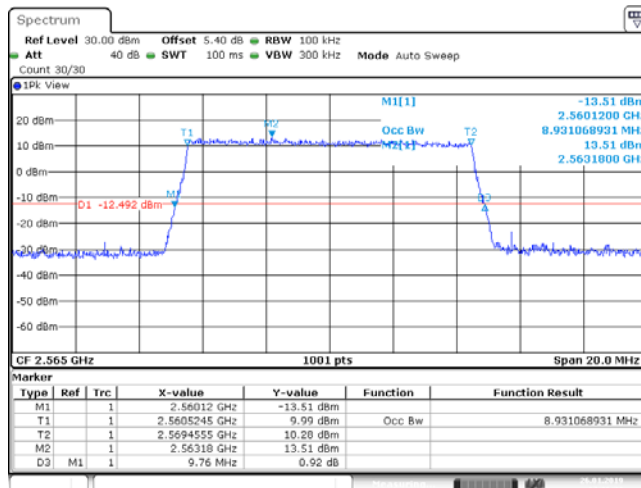
Band7_10MHz_QPSK_21100_50RB#0





Date: 26 JAN 2019 17:16:08

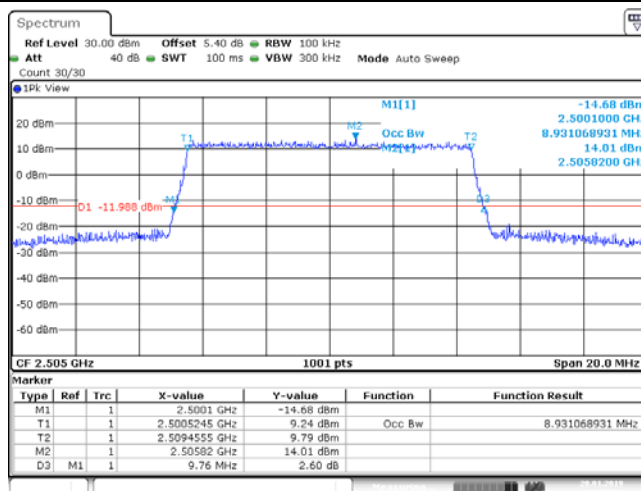
Band7_10MHz_QPSK_21400_50RB#0



Date: 26 JAN 2019 17:16:31

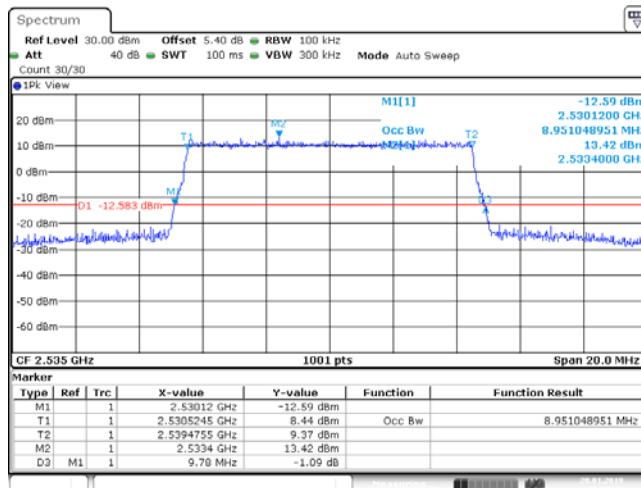
Band7_10MHz_64QAM_20800_50RB#0





Date: 28 JAN 2019 21:17:24

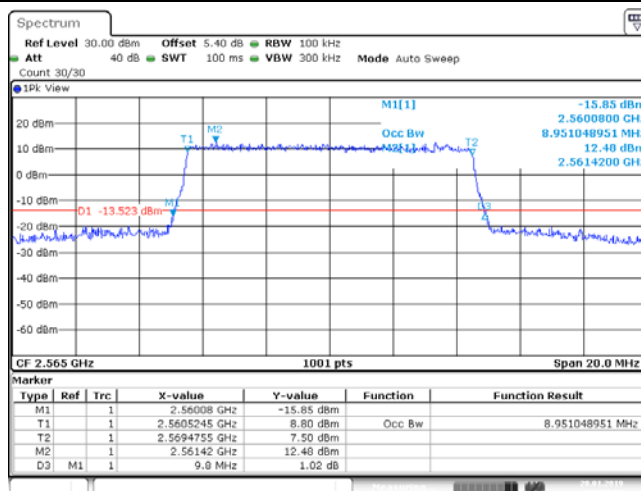
Band7_10MHz_64QAM_21100_50RB#0



Date: 28 JAN 2019 21:17:37

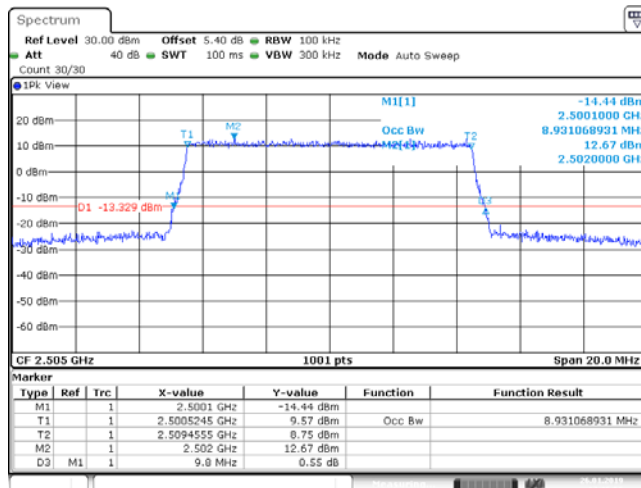
Band7_10MHz_64QAM_21400_50RB#0





Date: 26 JAN 2019 21:17:51

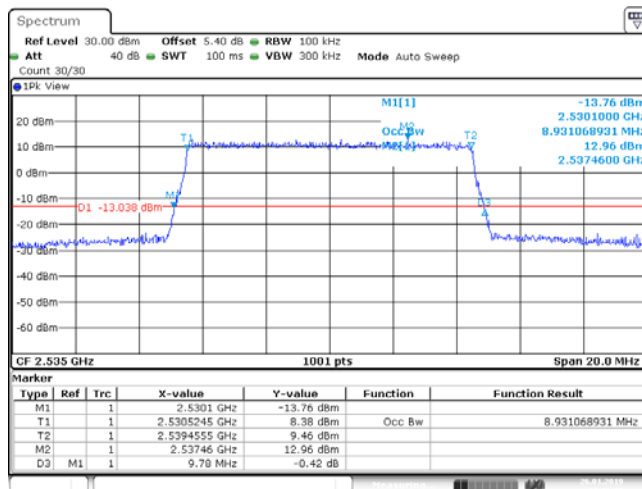
Band7_10MHz_16QAM_20800_50RB#0



Date: 26 JAN 2019 17:15:55

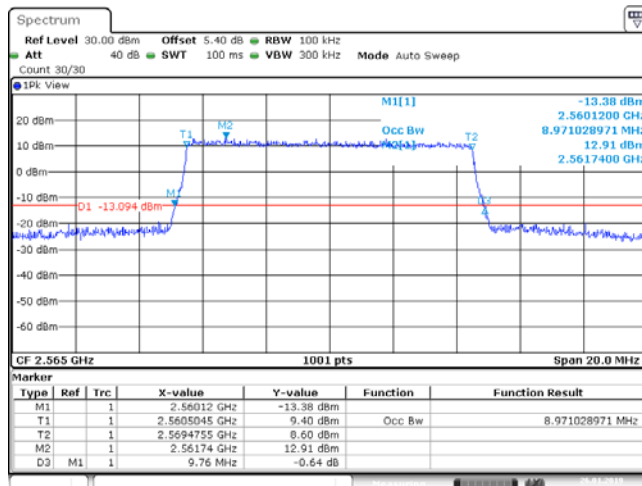
Band7_10MHz_16QAM_21100_50RB#0





Date: 26 JAN 2019 17:16:19

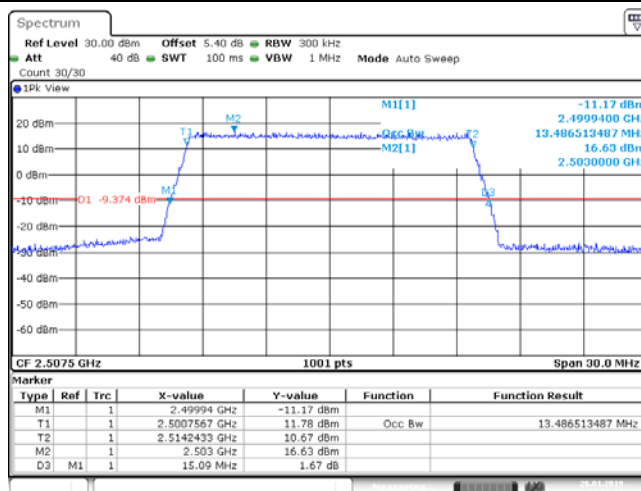
Band7_10MHz_16QAM_21400_50RB#0



Date: 26 JAN 2019 17:16:41

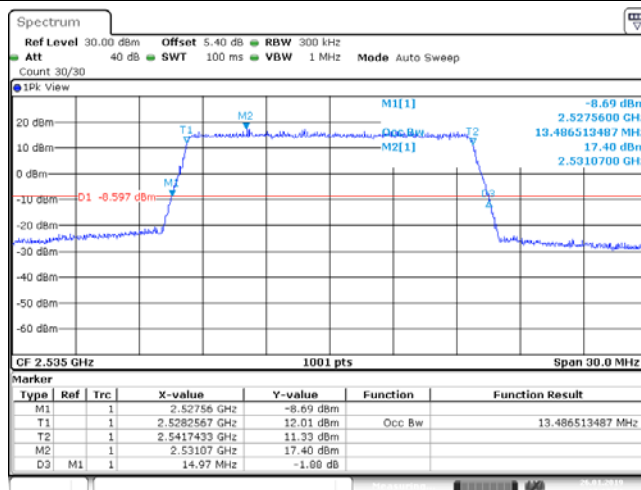
Band7_15MHz_QPSK_20825_75RB#0





Date: 26 JAN 2019 17:17:28

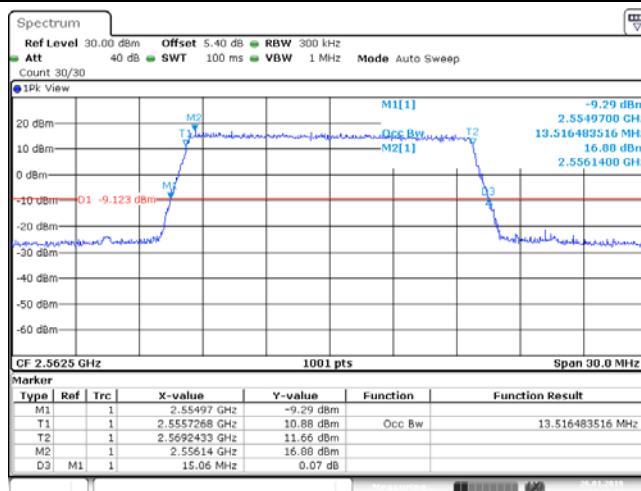
Band7_15MHz_QPSK_21100_75RB#0



Date: 26 JAN 2019 17:17:52

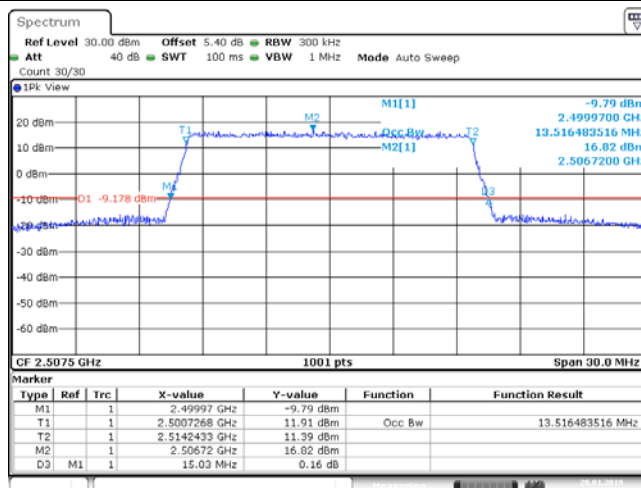
Band7_15MHz_QPSK_21375_75RB#0





Date: 26 JAN 2019 17:18:15

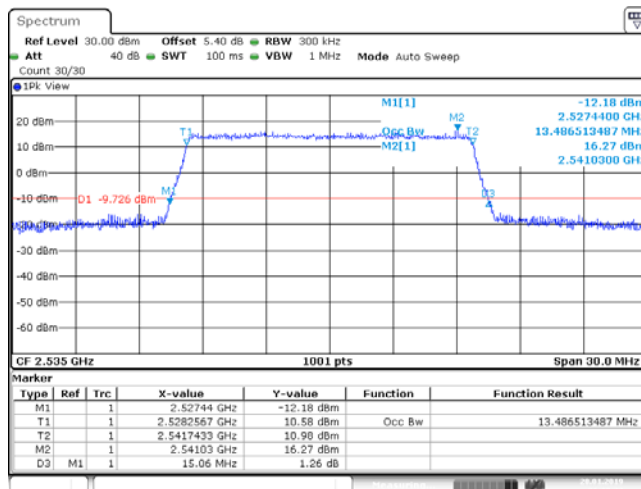
Band7_15MHz_64QAM_20825_75RB#0



Date: 28 JAN 2019 21:18:59

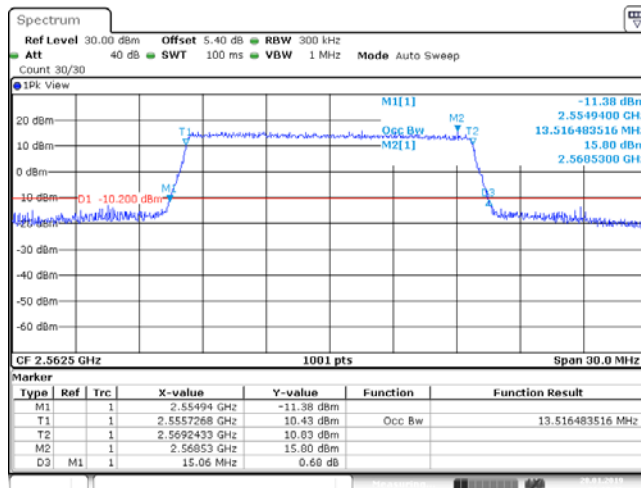
Band7_15MHz_64QAM_21100_75RB#0





Date: 28 JAN 2019 21:18:23

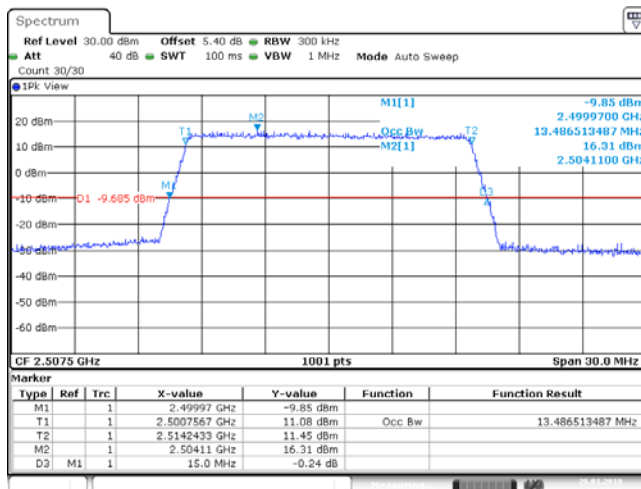
Band7_15MHz_64QAM_21375_75RB#0



Date: 28 JAN 2019 21:18:36

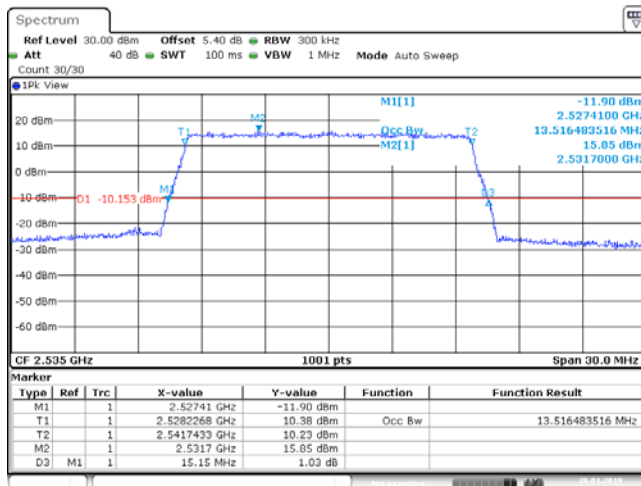
Band7_15MHz_16QAM_20825_75RB#0





Date: 26 JAN 2019 17:17:39

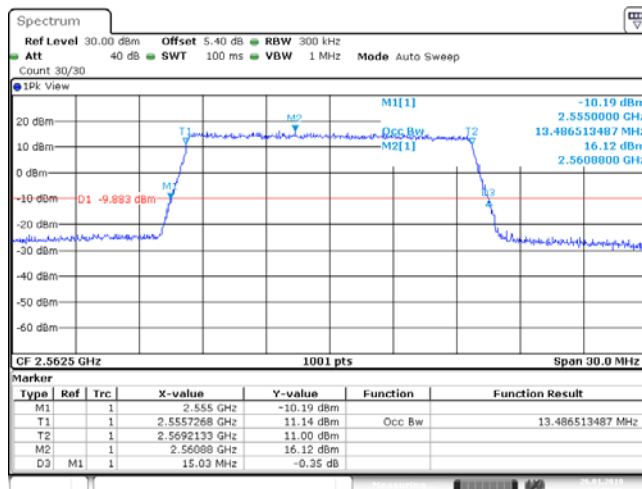
Band7_15MHz_16QAM_21100_75RB#0



Date: 26 JAN 2019 17:18:82

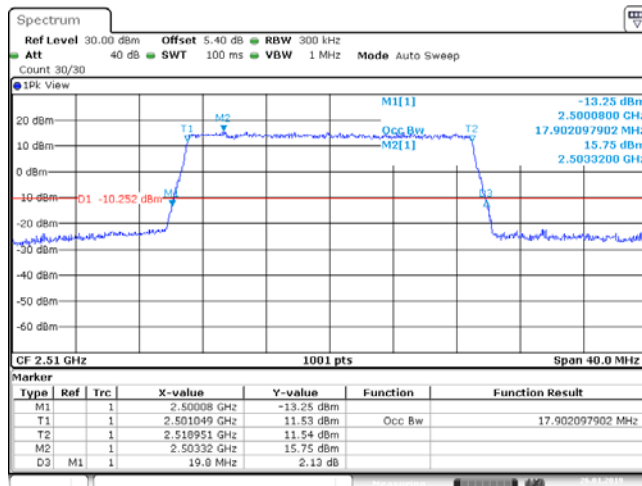
Band7_15MHz_16QAM_21375_75RB#0





Date: 26 JAN 2019 17:18:26

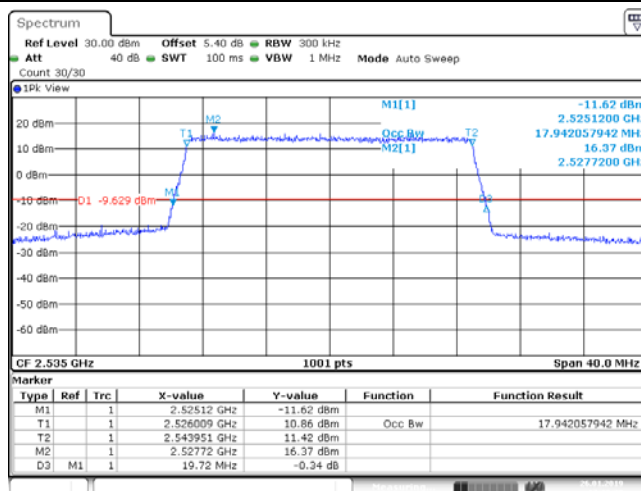
Band7_20MHz_QPSK_20850_100RB#0



Date: 26 JAN 2019 17:19:16

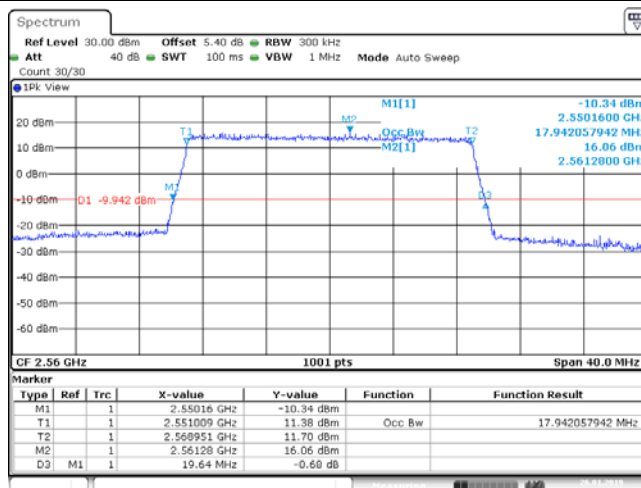
Band7_20MHz_QPSK_21100_100RB#0





Date: 26 JAN 2019 17:19:40

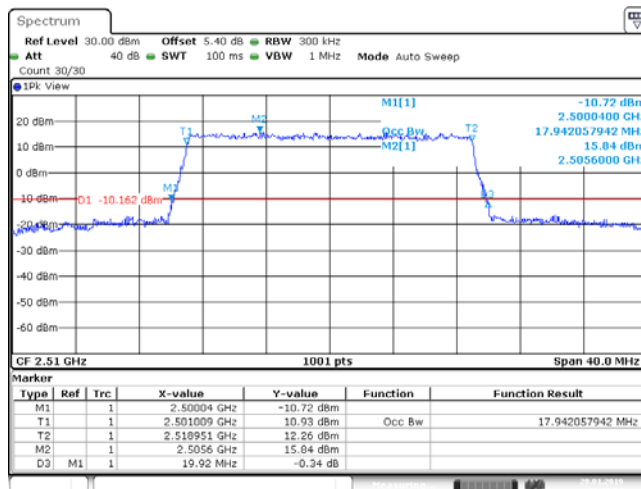
Band7_20MHz_QPSK_21350_100RB#0



Date: 26 JAN 2019 17:28:83

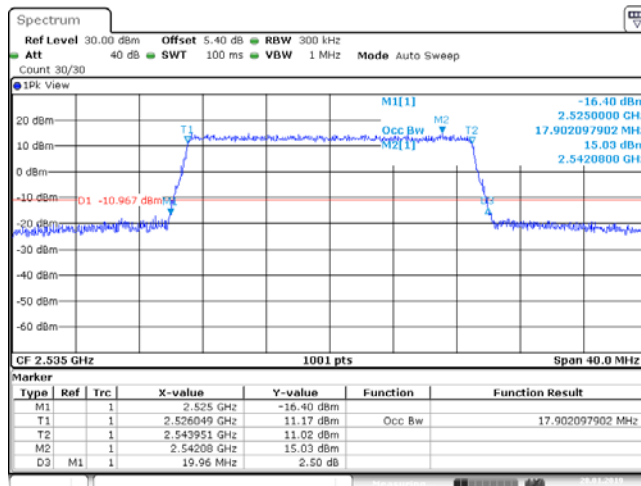
Band7_20MHz_64QAM_20850_100RB#0





Date: 28 JAN 2019 21:18:54

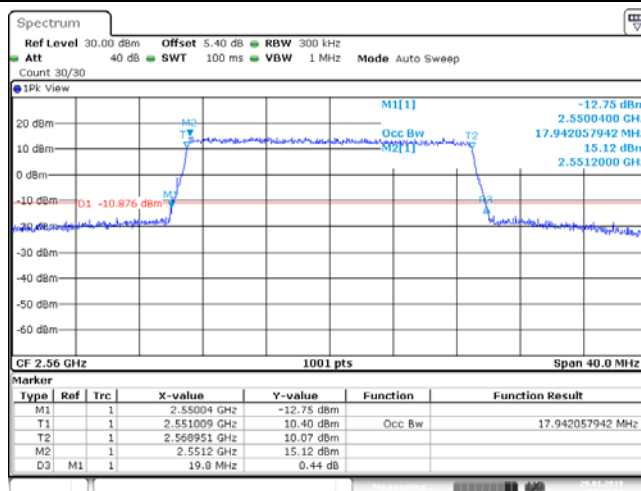
Band7_20MHz_64QAM_21100_100RB#0



Date: 28 JAN 2019 21:19:08

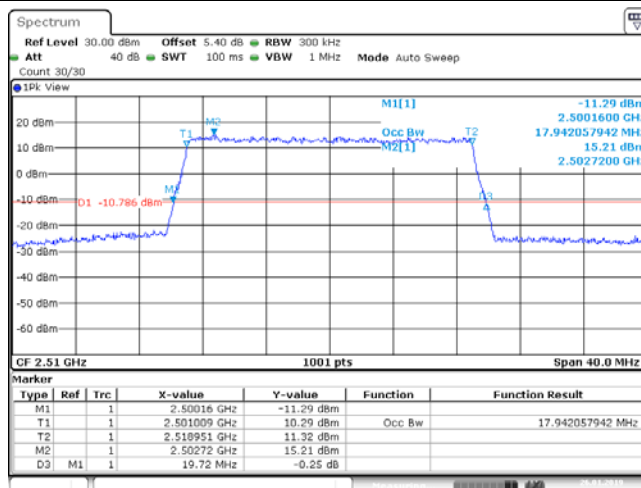
Band7_20MHz_64QAM_21350_100RB#0





Date: 26 JAN 2019 21:19:21

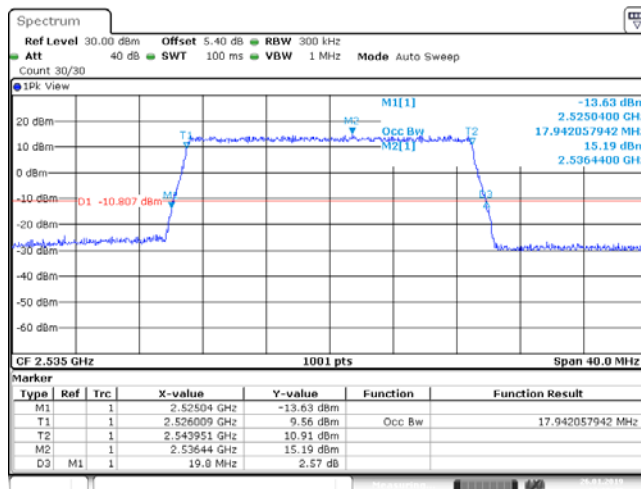
Band7_20MHz_16QAM_20850_100RB#0



Date: 26 JAN 2019 17:19:27

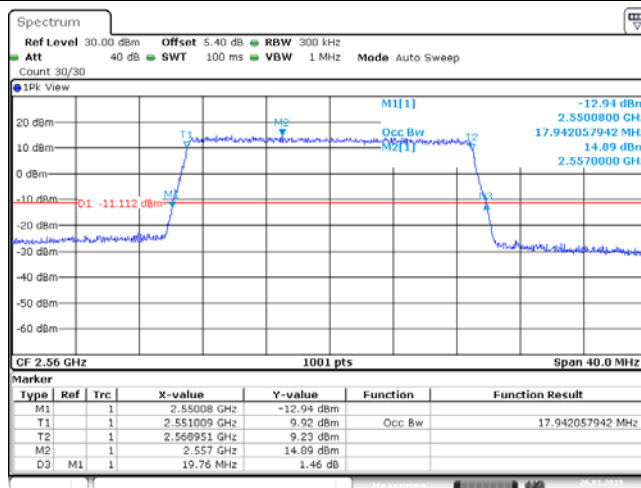
Band7_20MHz_16QAM_21100_100RB#0





Date: 26 JAN 2019 17:19:59

Band7_20MHz_16QAM_21350_100RB#0



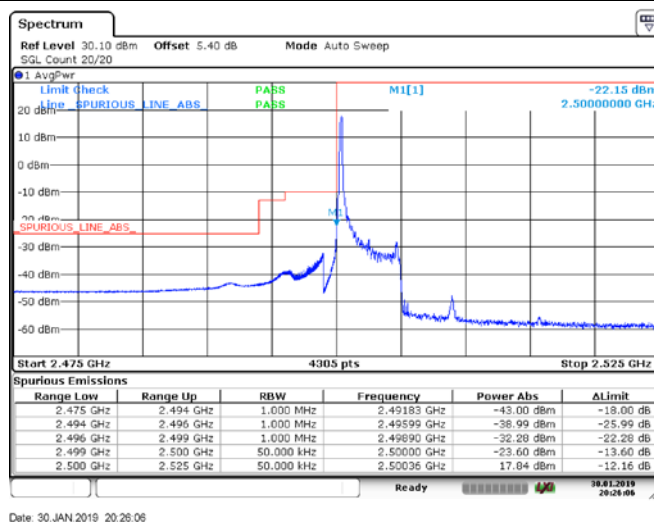
Date: 26 JAN 2019 17:28:14



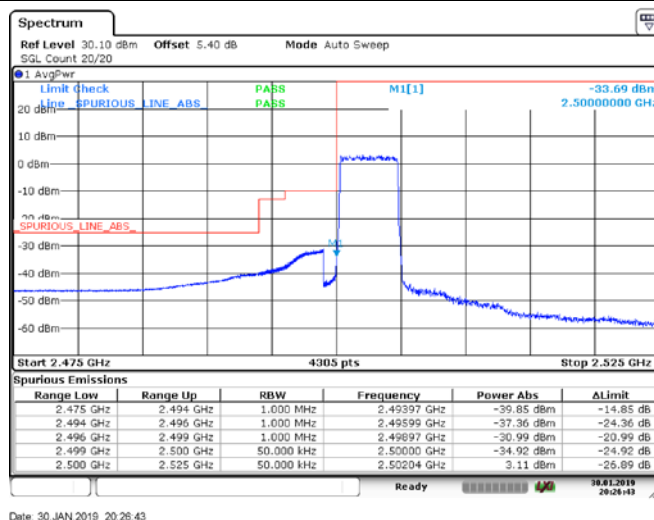
5. Band Edge Compliance

5.1. Test Plots

Band7_5MHz_QPSK_20775_1RB#0

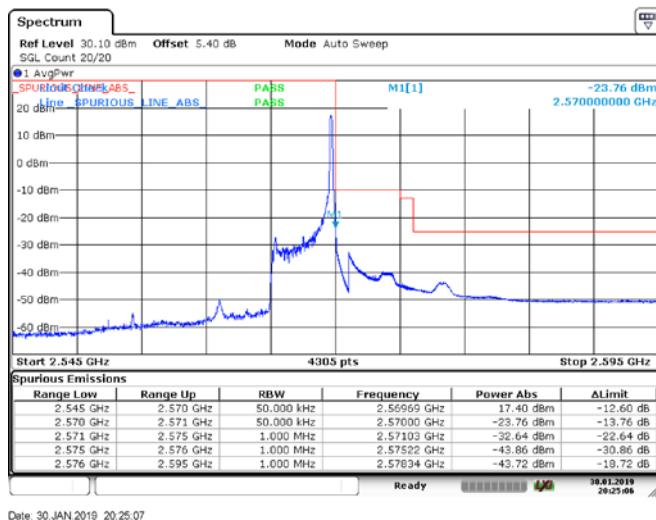


Band7_5MHz_QPSK_20775_25RB#0

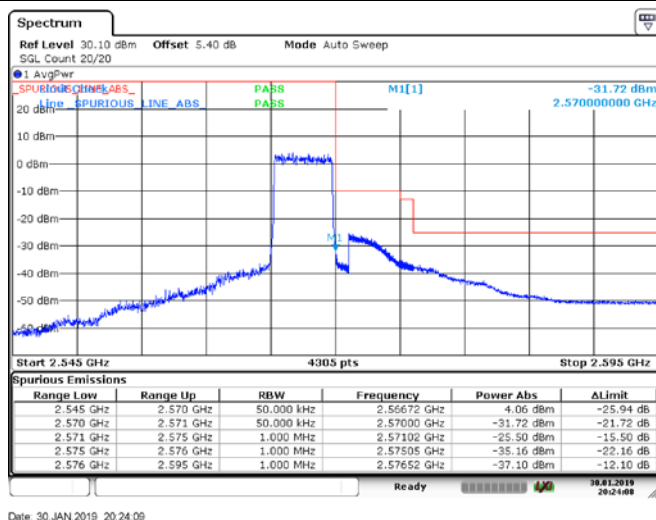


Band7_5MHz_QPSK_21425_1RB#24



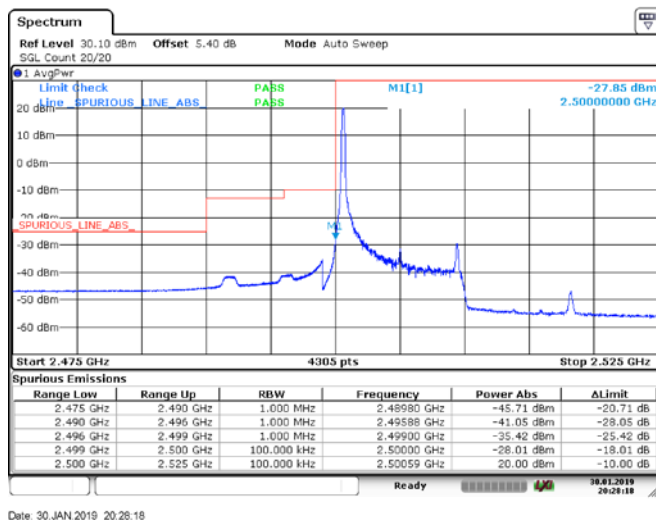


Band7_5MHz_QPSK_21425_25RB#0

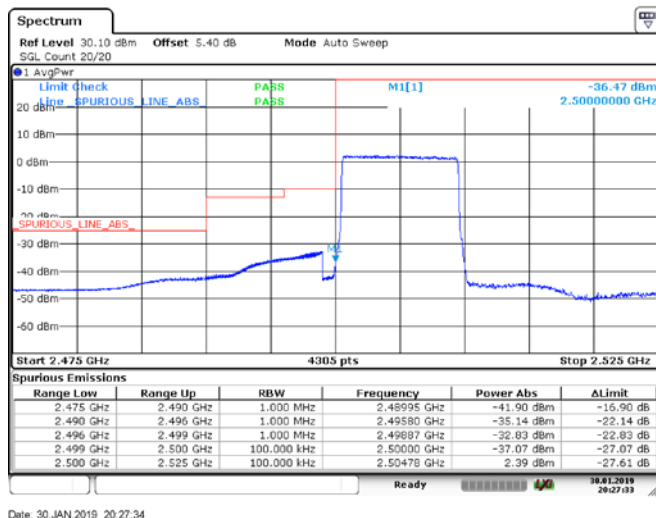


Band7_10MHz_QPSK_20800_1RB#0



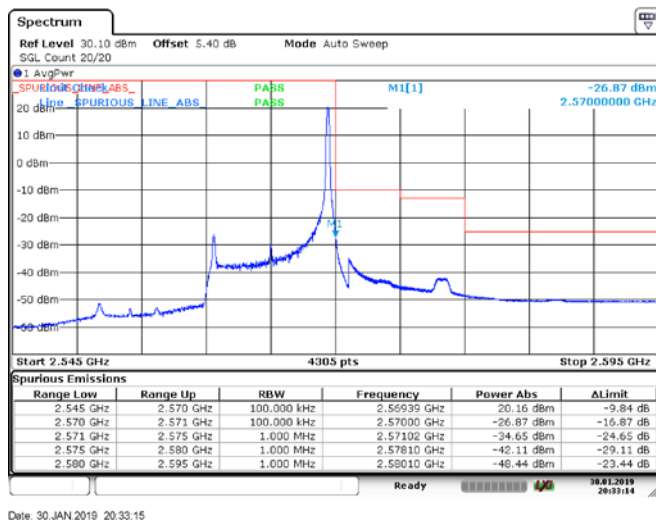


Band7_10MHz_QPSK_20800_50RB#0

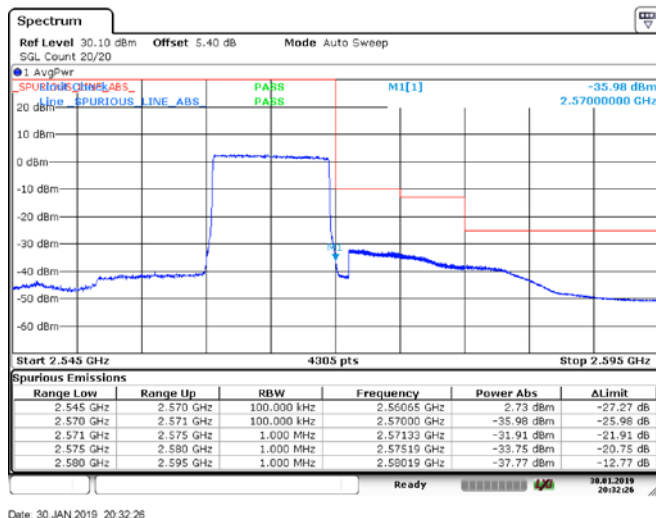


Band7_10MHz_QPSK_21400_1RB#49



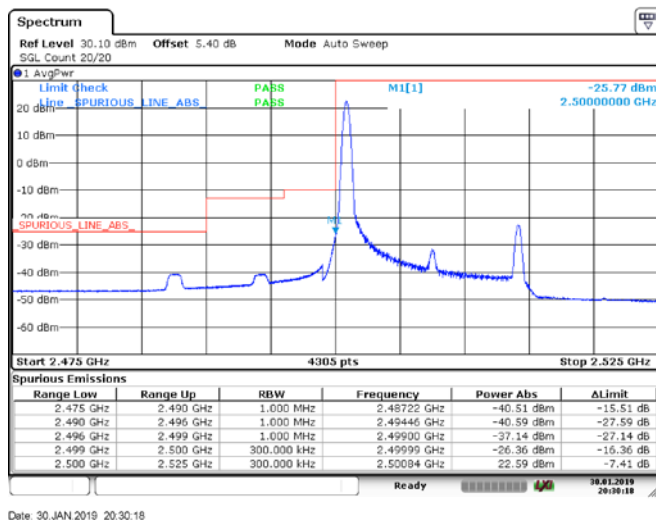


Band7_10MHz_QPSK_21400_50RB#0

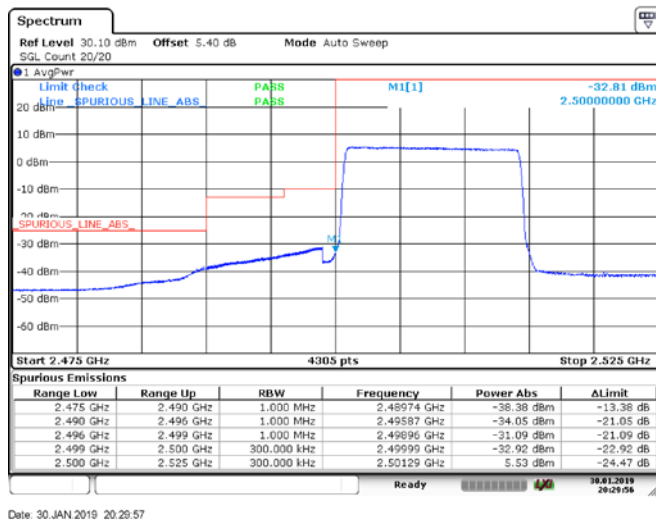


Band7_15MHz_QPSK_20825_1RB#0



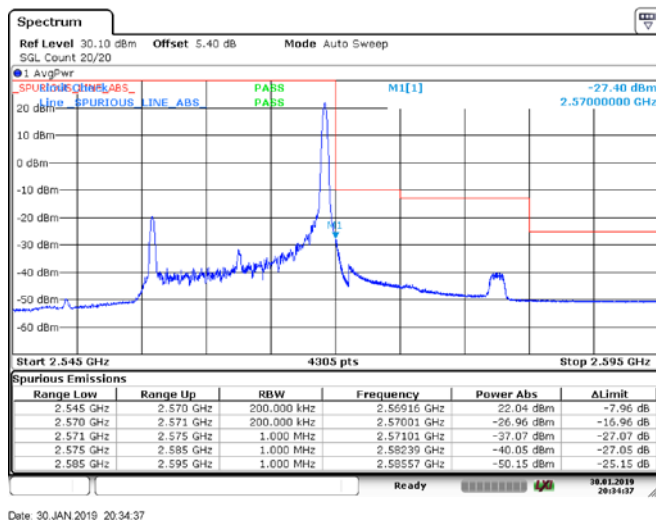


Band7_15MHz_QPSK_20825_75RB#0

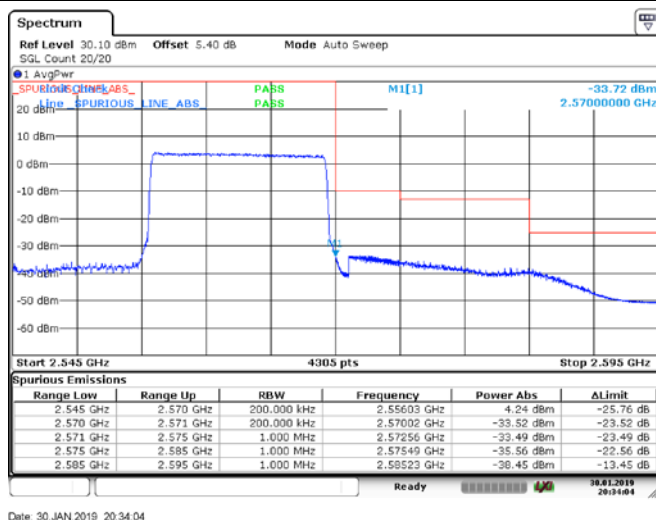


Band7_15MHz_QPSK_21375_1RB#74



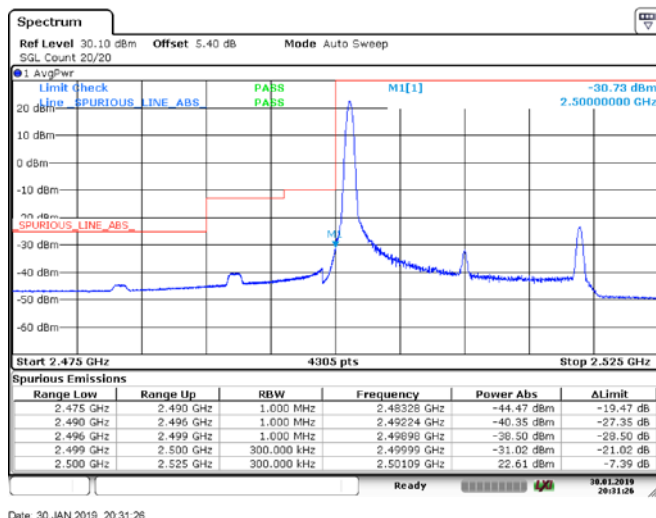


Band7_15MHz_QPSK_21375_75RB#0

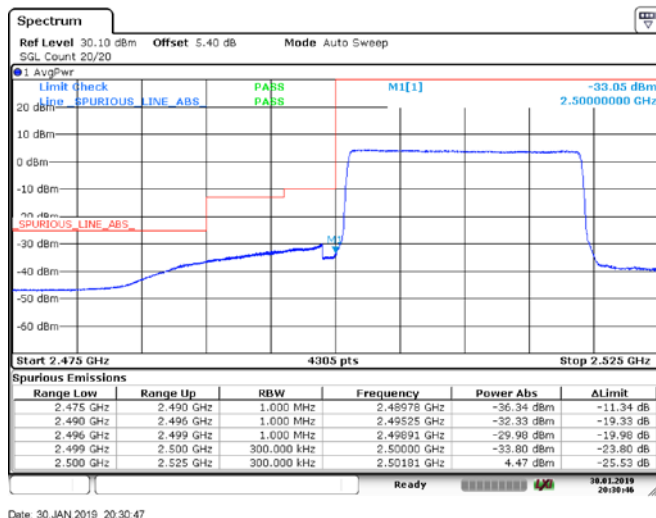


Band7_20MHz_QPSK_20850_1RB#0



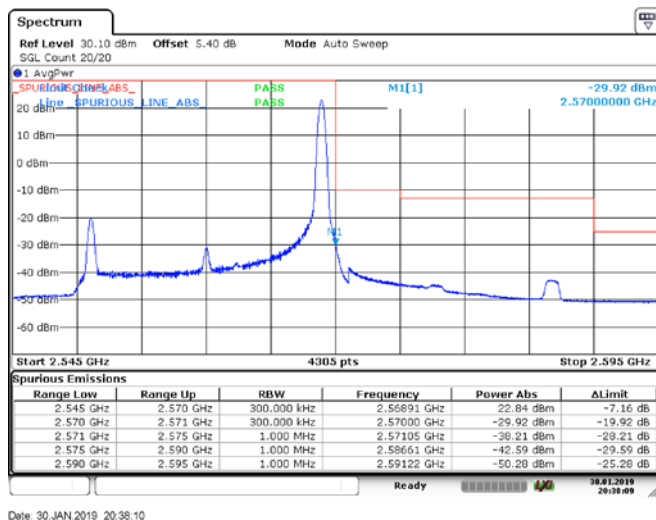


Band7_20MHz_QPSK_20850_100RB#0

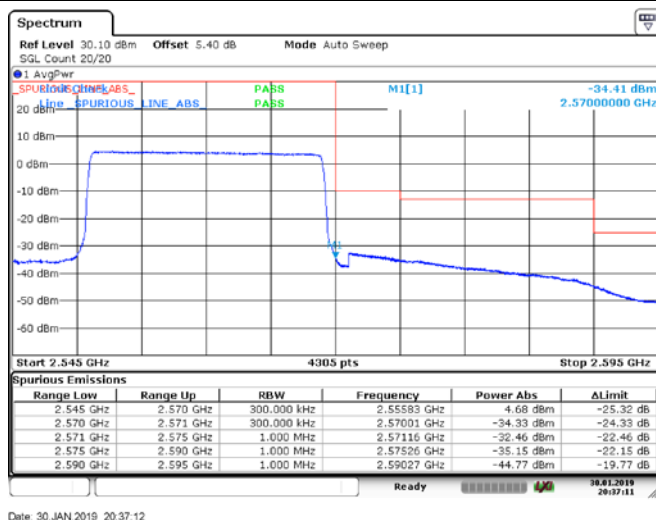


Band7_20MHz_QPSK_21350_1RB#99



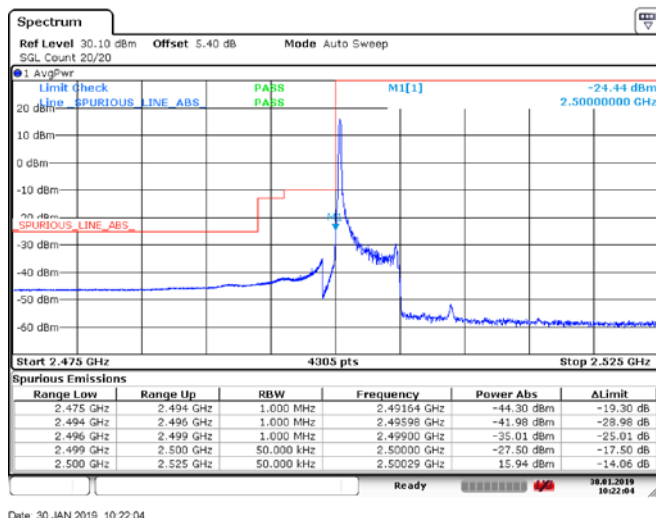


Band7_20MHz_QPSK_21350_100RB#0

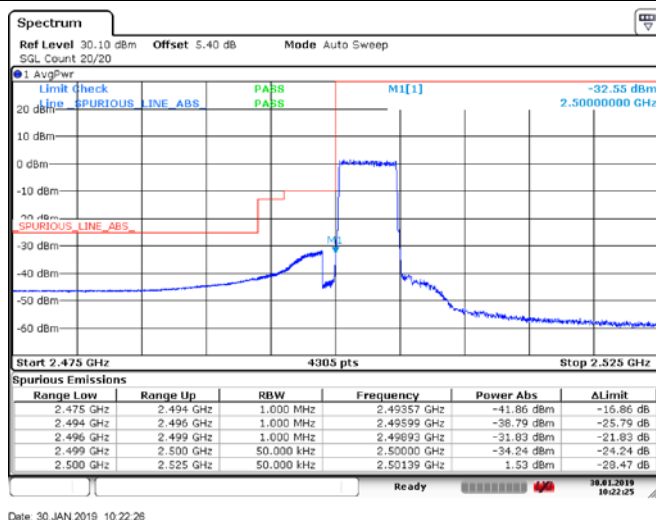


Band7_5MHz_64QAM_20775_1RB#0



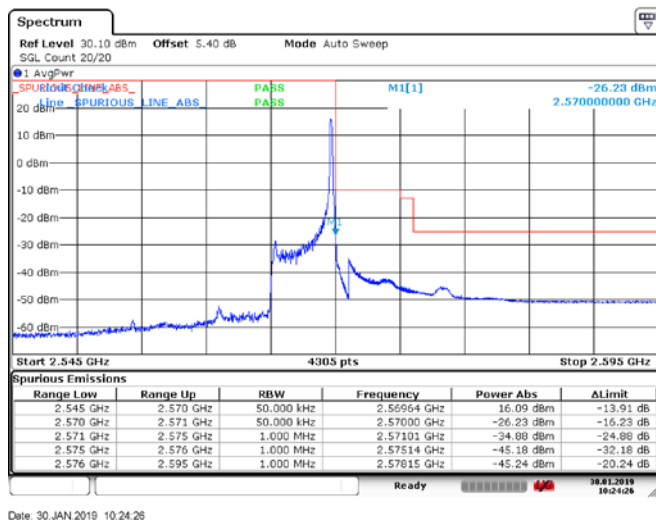


Band7_5MHz_64QAM_20775_25RB#0

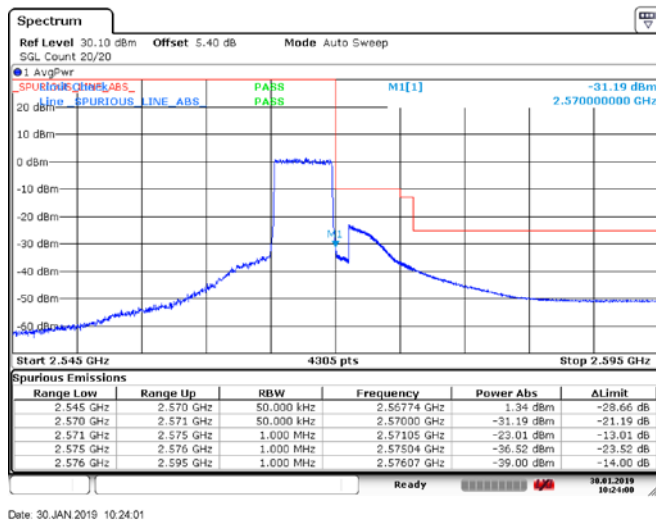


Band7_5MHz_64QAM_21425_1RB#24



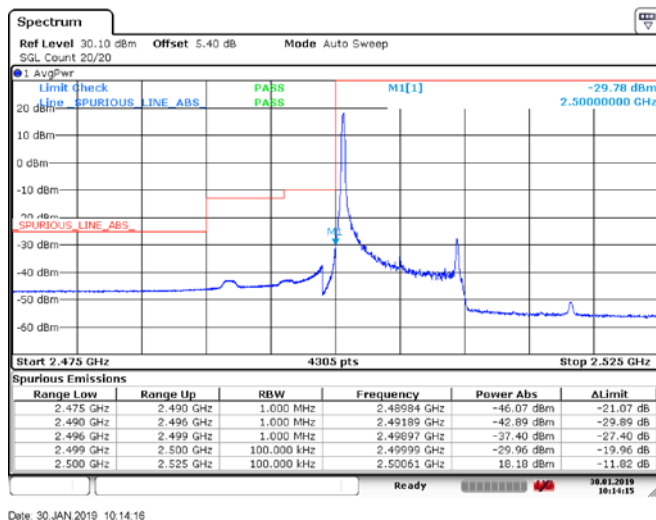


Band7_5MHz_64QAM_21425_25RB#0

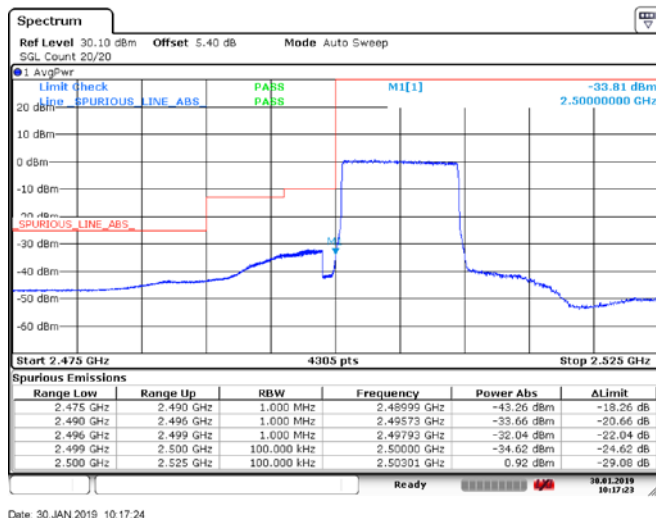


Band7_10MHz_64QAM_20800_1RB#0



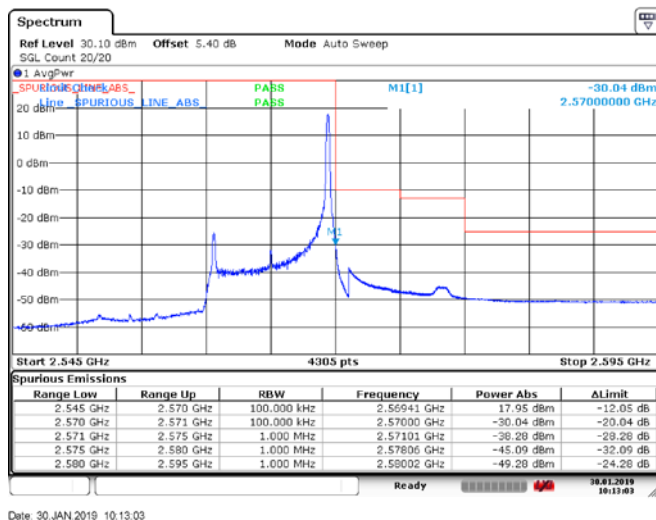


Band7_10MHz_64QAM_20800_50RB#0

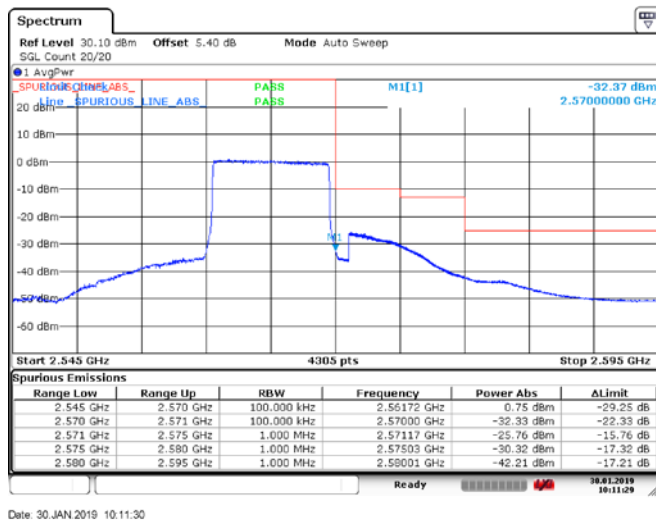


Band7_10MHz_64QAM_21400_1RB#49



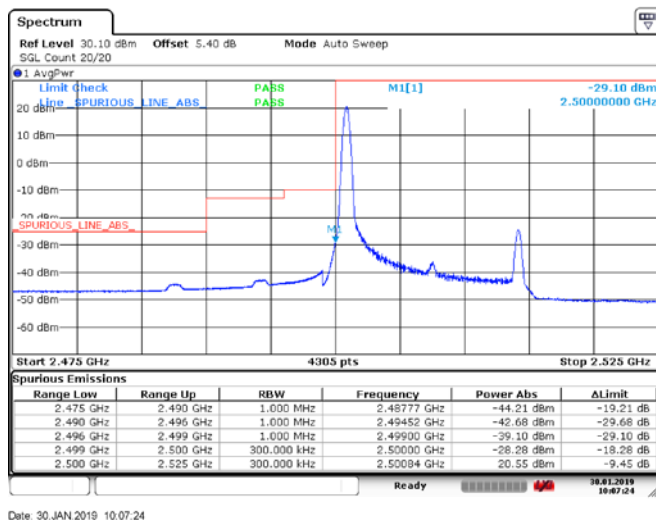


Band7_10MHz_64QAM_21400_50RB#0

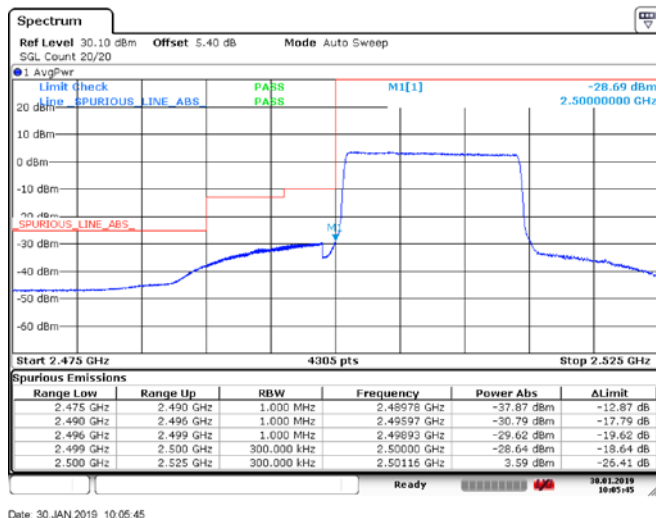


Band7_15MHz_64QAM_20825_1RB#0





Band7_15MHz_64QAM_20825_75RB#0



Band7_15MHz_64QAM_21375_1RB#74

