



Appendix B

E-UTRA Band CA_66C



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

CONTENT

Page

1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA.....	4
1.1	MAX POWER TEST RESULT FOR LTE BAND CA_66C(ANT1)	4
2	PEAK-TO-AVERAGE RATIO	8
2.1	FOR LTE	9
2.1.1	Test Band = LTE Band CA_66C.....	9
3	MODULATION CHARACTERISTICS	14
3.1	FOR LTE	14
3.1.1	Test Band = LTE Band CA_66C.....	14
4	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	17
4.1	FOR LTE	20
4.1.1	Test Band = LTE Band CA_66C.....	20
5	BAND EDGES COMPLIANCE	66
5.1	FOR LTE	66
5.1.1	Test Band = LTE Band CA_66C.....	66
6	SPURIOUS EMISSION AT ANTENNA TERMINAL	71
6.1	FOR LTE	71
6.1.1	Test Band = LTE Band CA_66C.....	71
7	FIELD STRENGTH OF SPURIOUS RADIATION.....	85
7.1.	Test Band = _66C_TM1.....	85
7.1.1.	Test Channel = Low Channel.....	85
7.2.	Test Band = _66C_TM1.....	86
7.2.1.	Test Channel = Low Channel.....	86
7.3.	Test Band = _66C_TM1.....	87
7.3.1.	Test Channel = Mid Channel.....	87
7.4.	Test Band = _66C_TM1.....	88
7.4.1.	Test Channel = Mid Channel.....	88
7.5.	Test Band = _66C_TM1.....	89
7.5.1.	Test Channel = High Channel.....	89



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) 2307 1443, or email: CN.Doccheck@sgs.com



7.6. Test Band = _66C_TM1.....90

7.6.1. Test Channel = High Channel.....90

8 FREQUENCY STABILITY.....91

8.1 FREQUENCY VS VOLTAGE.....91

8.2 FREQUENCY VS TEMPERATURE.....93



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 Output Data

1.1 Max Power Test Result for LTE Band CA_66C(ANT1)

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_66C	25RB+100RB	132005+132122	1RB#0	0RB#0	QPSK	23.11	20.69	30.00	PASS
CA_66C	25RB+100RB	132330+132447	1RB#0	0RB#0	QPSK	22.85	20.43	30.00	PASS
CA_66C	25RB+100RB	132455+132572	1RB#0	0RB#0	QPSK	23.1	20.68	30.00	PASS
CA_66C	50RB+75RB	132025+132145	1RB#0	0RB#0	QPSK	22.96	20.54	30.00	PASS
CA_66C	50RB+75RB	132351+132471	1RB#0	0RB#0	QPSK	22.93	20.51	30.00	PASS
CA_66C	50RB+75RB	132477+132597	1RB#0	0RB#0	QPSK	22.95	20.53	30.00	PASS
CA_66C	50RB+100RB	132027+132171	1RB#0	0RB#0	QPSK	22.84	20.42	30.00	PASS
CA_66C	50RB+100RB	132328+132472	1RB#0	0RB#0	QPSK	22.75	20.33	30.00	PASS
CA_66C	50RB+100RB	132428+132572	1RB#0	0RB#0	QPSK	23.01	20.59	30.00	PASS
CA_66C	75RB+50RB	132047+132167	1RB#0	0RB#0	QPSK	22.86	20.44	30.00	PASS
CA_66C	75RB+50RB	132373+132493	1RB#0	0RB#0	QPSK	22.64	20.22	30.00	PASS
CA_66C	75RB+50RB	132499+132619	1RB#0	0RB#0	QPSK	22.88	20.46	30.00	PASS
CA_66C	75RB+75RB	132047+132197	1RB#0	0RB#0	QPSK	23.08	20.66	30.00	PASS
CA_66C	75RB+75RB	132047+132197	16RB#0	0RB#0	QPSK	22.51	20.09	30.00	PASS
CA_66C	75RB+75RB	132347+132497	1RB#0	0RB#0	QPSK	22.56	20.14	30.00	PASS
CA_66C	75RB+75RB	132347+132497	16RB#0	0RB#0	QPSK	22.62	20.2	30.00	PASS
CA_66C	75RB+75RB	132447+132597	1RB#0	0RB#0	QPSK	22.81	20.39	30.00	PASS
CA_66C	75RB+75RB	132447+132597	16RB#0	0RB#0	QPSK	22.85	20.43	30.00	PASS
CA_66C	75RB+100RB	132050+132221	1RB#0	0RB#0	QPSK	23.18	20.76	30.00	PASS
CA_66C	75RB+100RB	132325+132496	1RB#0	0RB#0	QPSK	22.93	20.51	30.00	PASS
CA_66C	75RB+100RB	132401+132572	1RB#0	0RB#0	QPSK	22.78	20.36	30.00	PASS
CA_66C	100RB+25RB	132072+132189	1RB#0	0RB#0	QPSK	22.81	20.39	30.00	PASS
CA_66C	100RB+25RB	132072+132189	8RB#0	0RB#0	QPSK	22.85	20.43	30.00	PASS
CA_66C	100RB+25RB	132397+132514	1RB#0	0RB#0	QPSK	22.98	20.56	30.00	PASS
CA_66C	100RB+25RB	132397+132514	8RB#0	0RB#0	QPSK	22.86	20.44	30.00	PASS
CA_66C	100RB+25RB	132522+132639	1RB#0	0RB#0	QPSK	22.71	20.29	30.00	PASS
CA_66C	100RB+25RB	132522+132639	8RB#0	0RB#0	QPSK	22.37	19.95	30.00	PASS
CA_66C	100RB+50RB	132072+132216	1RB#0	0RB#0	QPSK	22.89	20.47	30.00	PASS
CA_66C	100RB+50RB	132072+132216	12RB#0	0RB#0	QPSK	22.87	20.45	30.00	PASS
CA_66C	100RB+50RB	132373+132517	1RB#0	0RB#0	QPSK	22.84	20.42	30.00	PASS
CA_66C	100RB+50RB	132373+132517	12RB#0	0RB#0	QPSK	22.94	20.52	30.00	PASS
CA_66C	100RB+50RB	132473+132617	1RB#0	0RB#0	QPSK	22.77	20.35	30.00	PASS
CA_66C	100RB+50RB	132473+132617	12RB#0	0RB#0	QPSK	22.85	20.43	30.00	PASS
CA_66C	100RB+75RB	132072+132243	1RB#0	0RB#0	QPSK	22.80	20.38	30.00	PASS
CA_66C	100RB+75RB	132072+132243	12RB#0	0RB#0	QPSK	22.83	20.41	30.00	PASS
CA_66C	100RB+75RB	132348+132519	1RB#0	0RB#0	QPSK	22.78	20.36	30.00	PASS
CA_66C	100RB+75RB	132348+132519	12RB#0	0RB#0	QPSK	22.77	20.35	30.00	PASS
CA_66C	100RB+75RB	132423+132594	1RB#0	0RB#0	QPSK	23.03	20.61	30.00	PASS
CA_66C	100RB+75RB	132423+132594	12RB#0	0RB#0	QPSK	22.83	20.41	30.00	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) 26012053, 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



CA_66C	100RB+100RB	132072+132270	1RB#0	0RB#0	QPSK	22.85	20.43	30.00	PASS
CA_66C	100RB+100RB	132072+132270	18RB#0	0RB#0	QPSK	22.91	20.49	30.00	PASS
CA_66C	100RB+100RB	132323+132521	1RB#0	0RB#0	QPSK	23.09	20.67	30.00	PASS
CA_66C	100RB+100RB	132323+132521	18RB#0	0RB#0	QPSK	22.99	20.57	30.00	PASS
CA_66C	100RB+100RB	132374+132572	1RB#0	0RB#0	QPSK	22.87	20.45	30.00	PASS
CA_66C	100RB+100RB	132374+132572	18RB#0	0RB#0	QPSK	22.88	20.46	30.00	PASS
CA_66C	25RB+100RB	132005+132122	1RB#0	0RB#0	16QAM	22.13	19.71	30.00	PASS
CA_66C	25RB+100RB	132330+132447	1RB#0	0RB#0	16QAM	22.04	19.62	30.00	PASS
CA_66C	25RB+100RB	132455+132572	1RB#0	0RB#0	16QAM	21.96	19.54	30.00	PASS
CA_66C	50RB+75RB	132025+132145	1RB#0	0RB#0	16QAM	21.92	19.5	30.00	PASS
CA_66C	50RB+75RB	132351+132471	1RB#0	0RB#0	16QAM	21.77	19.35	30.00	PASS
CA_66C	50RB+75RB	132477+132597	1RB#0	0RB#0	16QAM	21.86	19.44	30.00	PASS
CA_66C	50RB+100RB	132027+132171	1RB#0	0RB#0	16QAM	22.08	19.66	30.00	PASS
CA_66C	50RB+100RB	132328+132472	1RB#0	0RB#0	16QAM	21.77	19.35	30.00	PASS
CA_66C	50RB+100RB	132428+132572	1RB#0	0RB#0	16QAM	21.84	19.42	30.00	PASS
CA_66C	75RB+50RB	132047+132167	1RB#0	0RB#0	16QAM	21.95	19.53	30.00	PASS
CA_66C	75RB+50RB	132373+132493	1RB#0	0RB#0	16QAM	21.74	19.32	30.00	PASS
CA_66C	75RB+50RB	132499+132619	1RB#0	0RB#0	16QAM	21.84	19.42	30.00	PASS
CA_66C	75RB+75RB	132047+132197	1RB#0	0RB#0	16QAM	22.02	19.6	30.00	PASS
CA_66C	75RB+75RB	132047+132197	16RB#0	0RB#0	16QAM	21.46	19.04	30.00	PASS
CA_66C	75RB+75RB	132347+132497	1RB#0	0RB#0	16QAM	22.13	19.71	30.00	PASS
CA_66C	75RB+75RB	132347+132497	16RB#0	0RB#0	16QAM	21.76	19.34	30.00	PASS
CA_66C	75RB+75RB	132447+132597	1RB#0	0RB#0	16QAM	21.86	19.44	30.00	PASS
CA_66C	75RB+75RB	132447+132597	16RB#0	0RB#0	16QAM	21.92	19.5	30.00	PASS
CA_66C	75RB+100RB	132050+132221	1RB#0	0RB#0	16QAM	22.04	19.62	30.00	PASS
CA_66C	75RB+100RB	132325+132496	1RB#0	0RB#0	16QAM	21.76	19.34	30.00	PASS
CA_66C	75RB+100RB	132401+132572	1RB#0	0RB#0	16QAM	21.82	19.4	30.00	PASS
CA_66C	100RB+25RB	132072+132189	1RB#0	0RB#0	16QAM	21.96	19.54	30.00	PASS
CA_66C	100RB+25RB	132072+132189	8RB#0	0RB#0	16QAM	21.81	19.39	30.00	PASS
CA_66C	100RB+25RB	132397+132514	1RB#0	0RB#0	16QAM	21.65	19.23	30.00	PASS
CA_66C	100RB+25RB	132397+132514	8RB#0	0RB#0	16QAM	21.39	18.97	30.00	PASS
CA_66C	100RB+25RB	132522+132639	1RB#0	0RB#0	16QAM	21.74	19.32	30.00	PASS
CA_66C	100RB+25RB	132522+132639	8RB#0	0RB#0	16QAM	21.43	19.01	30.00	PASS
CA_66C	100RB+50RB	132072+132216	1RB#0	0RB#0	16QAM	21.86	19.44	30.00	PASS
CA_66C	100RB+50RB	132072+132216	12RB#0	0RB#0	16QAM	21.78	19.36	30.00	PASS
CA_66C	100RB+50RB	132373+132517	1RB#0	0RB#0	16QAM	21.91	19.49	30.00	PASS
CA_66C	100RB+50RB	132373+132517	12RB#0	0RB#0	16QAM	21.65	19.23	30.00	PASS
CA_66C	100RB+50RB	132473+132617	1RB#0	0RB#0	16QAM	21.97	19.55	30.00	PASS
CA_66C	100RB+50RB	132473+132617	12RB#0	0RB#0	16QAM	21.24	18.82	30.00	PASS
CA_66C	100RB+75RB	132072+132243	1RB#0	0RB#0	16QAM	22.17	19.75	30.00	PASS
CA_66C	100RB+75RB	132072+132243	12RB#0	0RB#0	16QAM	21.72	19.3	30.00	PASS
CA_66C	100RB+75RB	132348+132519	1RB#0	0RB#0	16QAM	21.86	19.44	30.00	PASS
CA_66C	100RB+75RB	132348+132519	12RB#0	0RB#0	16QAM	21.46	19.04	30.00	PASS
CA_66C	100RB+75RB	132423+132594	1RB#0	0RB#0	16QAM	21.63	19.21	30.00	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) 2601 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



CA_66C	100RB+75RB	132423+132594	12RB#0	0RB#0	16QAM	21.85	19.43	30.00	PASS
CA_66C	100RB+100RB	132072+132270	1RB#0	0RB#0	16QAM	21.85	19.43	30.00	PASS
CA_66C	100RB+100RB	132072+132270	18RB#0	0RB#0	16QAM	21.75	19.33	30.00	PASS
CA_66C	100RB+100RB	132323+132521	1RB#0	0RB#0	16QAM	21.84	19.42	30.00	PASS
CA_66C	100RB+100RB	132323+132521	18RB#0	0RB#0	16QAM	21.67	19.25	30.00	PASS
CA_66C	100RB+100RB	132374+132572	1RB#0	0RB#0	16QAM	21.79	19.37	30.00	PASS
CA_66C	100RB+100RB	132374+132572	18RB#0	0RB#0	16QAM	21.76	19.34	30.00	PASS
CA_66C	25RB+100RB	132005+132122	1RB#0	0RB#0	64QAM	20.77	18.35	30.00	PASS
CA_66C	25RB+100RB	132330+132447	1RB#0	0RB#0	64QAM	20.84	18.42	30.00	PASS
CA_66C	25RB+100RB	132455+132572	1RB#0	0RB#0	64QAM	20.9	18.48	30.00	PASS
CA_66C	50RB+75RB	132025+132145	1RB#0	0RB#0	64QAM	21.12	18.7	30.00	PASS
CA_66C	50RB+75RB	132351+132471	1RB#0	0RB#0	64QAM	21.1	18.68	30.00	PASS
CA_66C	50RB+75RB	132477+132597	1RB#0	0RB#0	64QAM	21.11	18.69	30.00	PASS
CA_66C	50RB+100RB	132027+132171	1RB#0	0RB#0	64QAM	20.77	18.35	30.00	PASS
CA_66C	50RB+100RB	132328+132472	1RB#0	0RB#0	64QAM	20.94	18.52	30.00	PASS
CA_66C	50RB+100RB	132428+132572	1RB#0	0RB#0	64QAM	20.78	18.36	30.00	PASS
CA_66C	75RB+50RB	132047+132167	1RB#0	0RB#0	64QAM	20.89	18.47	30.00	PASS
CA_66C	75RB+50RB	132373+132493	1RB#0	0RB#0	64QAM	21.02	18.6	30.00	PASS
CA_66C	75RB+50RB	132499+132619	1RB#0	0RB#0	64QAM	21.09	18.67	30.00	PASS
CA_66C	75RB+75RB	132047+132197	1RB#0	0RB#0	64QAM	20.95	18.53	30.00	PASS
CA_66C	75RB+75RB	132047+132197	16RB#0	0RB#0	64QAM	20.63	18.21	30.00	PASS
CA_66C	75RB+75RB	132347+132497	1RB#0	0RB#0	64QAM	20.76	18.34	30.00	PASS
CA_66C	75RB+75RB	132347+132497	16RB#0	0RB#0	64QAM	20.52	18.1	30.00	PASS
CA_66C	75RB+75RB	132447+132597	1RB#0	0RB#0	64QAM	20.88	18.46	30.00	PASS
CA_66C	75RB+75RB	132447+132597	16RB#0	0RB#0	64QAM	20.83	18.41	30.00	PASS
CA_66C	75RB+100RB	132050+132221	1RB#0	0RB#0	64QAM	21.02	18.6	30.00	PASS
CA_66C	75RB+100RB	132325+132496	1RB#0	0RB#0	64QAM	20.82	18.4	30.00	PASS
CA_66C	75RB+100RB	132401+132572	1RB#0	0RB#0	64QAM	21.01	18.59	30.00	PASS
CA_66C	100RB+25RB	132072+132189	1RB#0	0RB#0	64QAM	20.89	18.47	30.00	PASS
CA_66C	100RB+25RB	132072+132189	8RB#0	0RB#0	64QAM	2074	2071.58	30.00	PASS
CA_66C	100RB+25RB	132397+132514	1RB#0	0RB#0	64QAM	20.97	18.55	30.00	PASS
CA_66C	100RB+25RB	132397+132514	8RB#0	0RB#0	64QAM	20.84	18.42	30.00	PASS
CA_66C	100RB+25RB	132522+132639	1RB#0	0RB#0	64QAM	20.98	18.56	30.00	PASS
CA_66C	100RB+25RB	132522+132639	8RB#0	0RB#0	64QAM	20.34	17.92	30.00	PASS
CA_66C	100RB+50RB	132072+132216	1RB#0	0RB#0	64QAM	20.74	18.32	30.00	PASS
CA_66C	100RB+50RB	132072+132216	12RB#0	0RB#0	64QAM	20.67	18.25	30.00	PASS
CA_66C	100RB+50RB	132373+132517	1RB#0	0RB#0	64QAM	20.82	18.4	30.00	PASS
CA_66C	100RB+50RB	132373+132517	12RB#0	0RB#0	64QAM	20.69	18.27	30.00	PASS
CA_66C	100RB+50RB	132473+132617	1RB#0	0RB#0	64QAM	21.05	18.63	30.00	PASS
CA_66C	100RB+50RB	132473+132617	12RB#0	0RB#0	64QAM	20.78	18.36	30.00	PASS
CA_66C	100RB+75RB	132072+132243	1RB#0	0RB#0	64QAM	20.68	18.26	30.00	PASS
CA_66C	100RB+75RB	132072+132243	12RB#0	0RB#0	64QAM	20.26	17.84	30.00	PASS
CA_66C	100RB+75RB	132348+132519	1RB#0	0RB#0	64QAM	21.18	18.76	30.00	PASS
CA_66C	100RB+75RB	132348+132519	12RB#0	0RB#0	64QAM	20.74	18.32	30.00	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) 26011443, 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



CA_66C	100RB+75RB	132423+132594	1RB#0	0RB#0	64QAM	21.12	18.7	30.00	PASS
CA_66C	100RB+75RB	132423+132594	12RB#0	0RB#0	64QAM	20.84	18.42	30.00	PASS
CA_66C	100RB+100RB	132072+132270	1RB#0	0RB#0	64QAM	21.01	18.59	30.00	PASS
CA_66C	100RB+100RB	132072+132270	18RB#0	0RB#0	64QAM	20.74	18.32	30.00	PASS
CA_66C	100RB+100RB	132323+132521	1RB#0	0RB#0	64QAM	21.01	18.59	30.00	PASS
CA_66C	100RB+100RB	132323+132521	18RB#0	0RB#0	64QAM	20.63	18.21	30.00	PASS
CA_66C	100RB+100RB	132374+132572	1RB#0	0RB#0	64QAM	21.03	18.61	30.00	PASS
CA_66C	100RB+100RB	132374+132572	18RB#0	0RB#0	64QAM	20.76	18.34	30.00	PASS

Remark:

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

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

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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) 26012053, or email: CN.Doccheck@sgs.com



2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Modulation	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_66C	QPSK	100RB+100RB	132072+132270	100RB#0	100RB#0	5.25	13.00	PASS
CA_66C	QPSK	100RB+100RB	132323+132521	100RB#0	100RB#0	5.28	13.00	PASS
CA_66C	QPSK	100RB+100RB	132374+132572	100RB#0	100RB#0	5.28	13.00	PASS
CA_66C	16QAM	100RB+100RB	132072+132270	100RB#0	100RB#0	6.03	13.00	PASS
CA_66C	16QAM	100RB+100RB	132323+132521	100RB#0	100RB#0	6.06	13.00	PASS
CA_66C	16QAM	100RB+100RB	132374+132572	100RB#0	100RB#0	6.06	13.00	PASS
CA_66C	64QAM	100RB+100RB	132072+132270	100RB#0	100RB#0	6.72	13.00	PASS
CA_66C	64QAM	100RB+100RB	132323+132521	100RB#0	100RB#0	6.70	13.00	PASS
CA_66C	64QAM	100RB+100RB	132374+132572	100RB#0	100RB#0	6.70	13.00	PASS



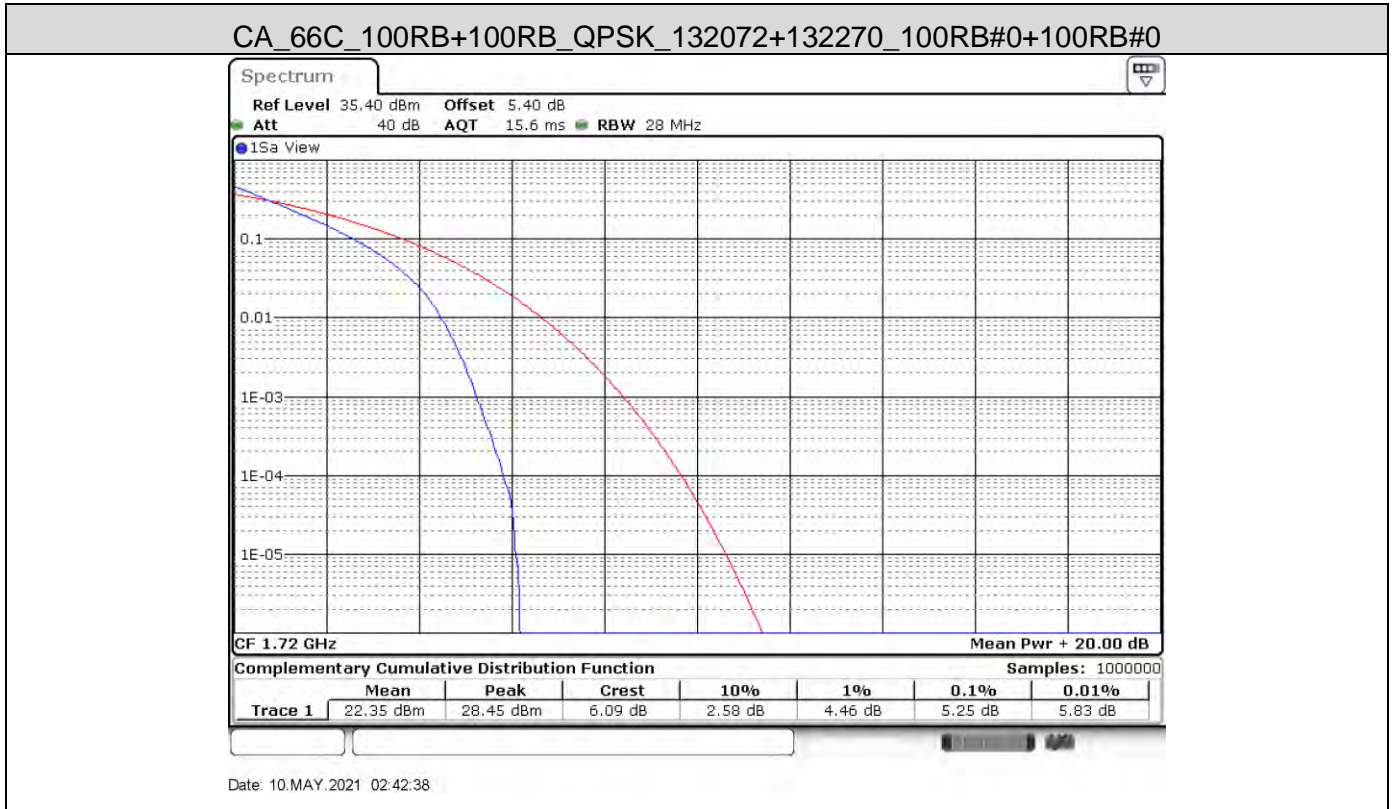
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 2601 1443, or email: CN.Doccheck@sgs.com



2.1 For LTE

2.1.1 Test Band = LTE Band CA_66C

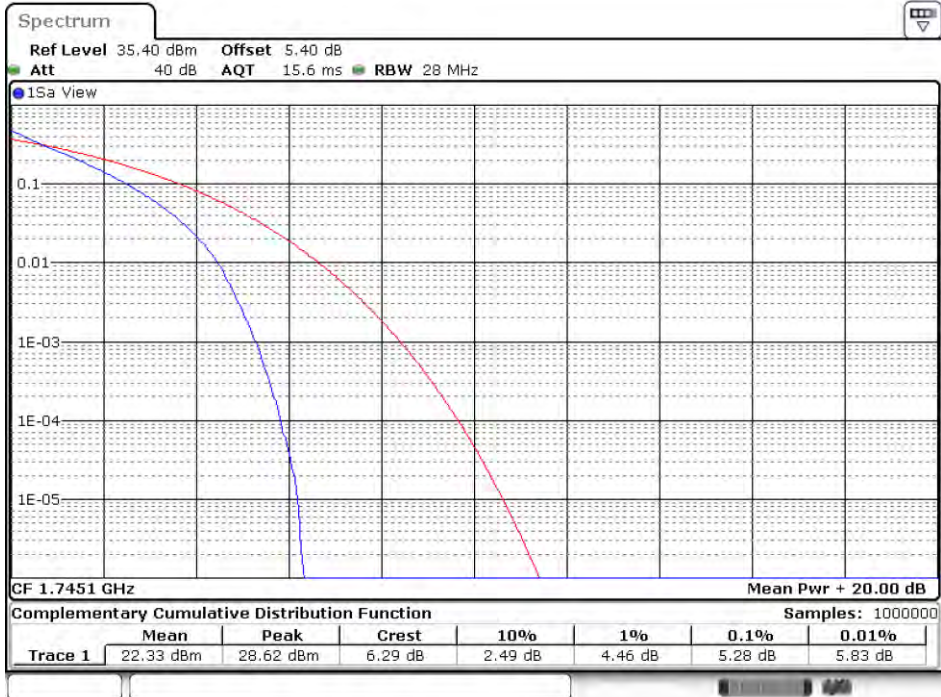


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

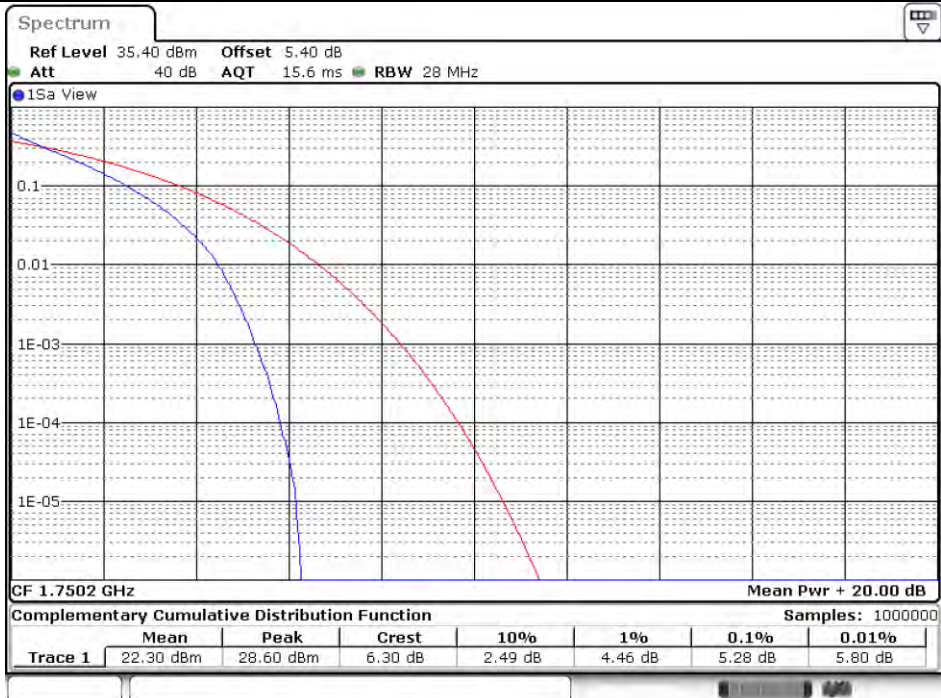


CA_66C_100RB+100RB_QPSK_132323+132521_100RB#0+100RB#0



Date: 10.MAY.2021 02:43:01

CA_66C_100RB+100RB_QPSK_132374+132572_100RB#0+100RB#0



Date: 10.MAY.2021 02:43:23





CA_66C_100RB+100RB_16QAM_132072+132270_100RB#0+100RB#0



Date: 10.MAY.2021 02:42:49

CA_66C_100RB+100RB_16QAM_132323+132521_100RB#0+100RB#0



Date: 10.MAY.2021 02:43:12



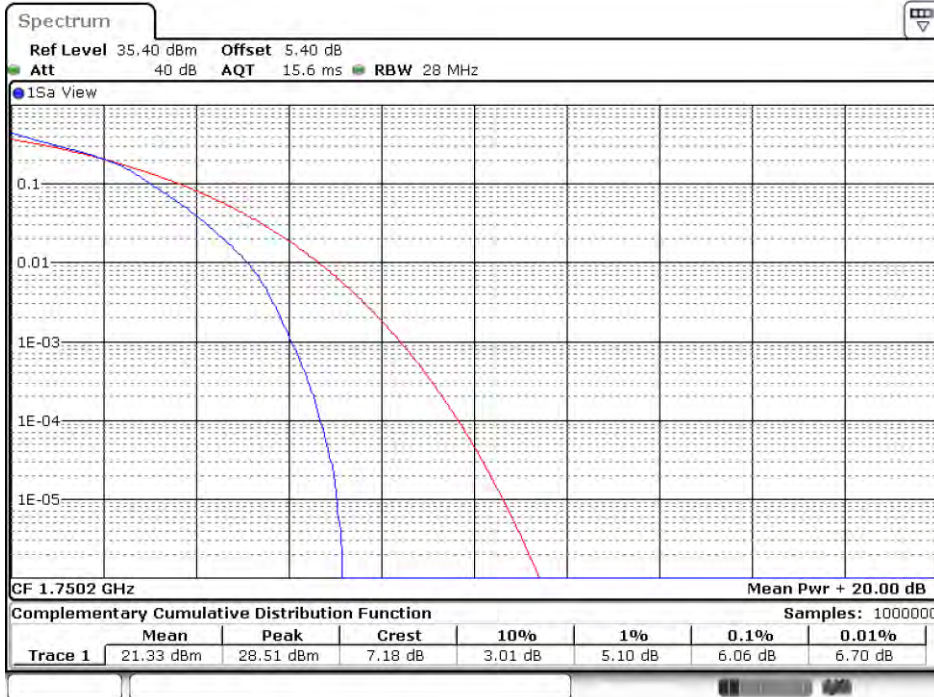
SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch Inspection & Testing Services Laboratory

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

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

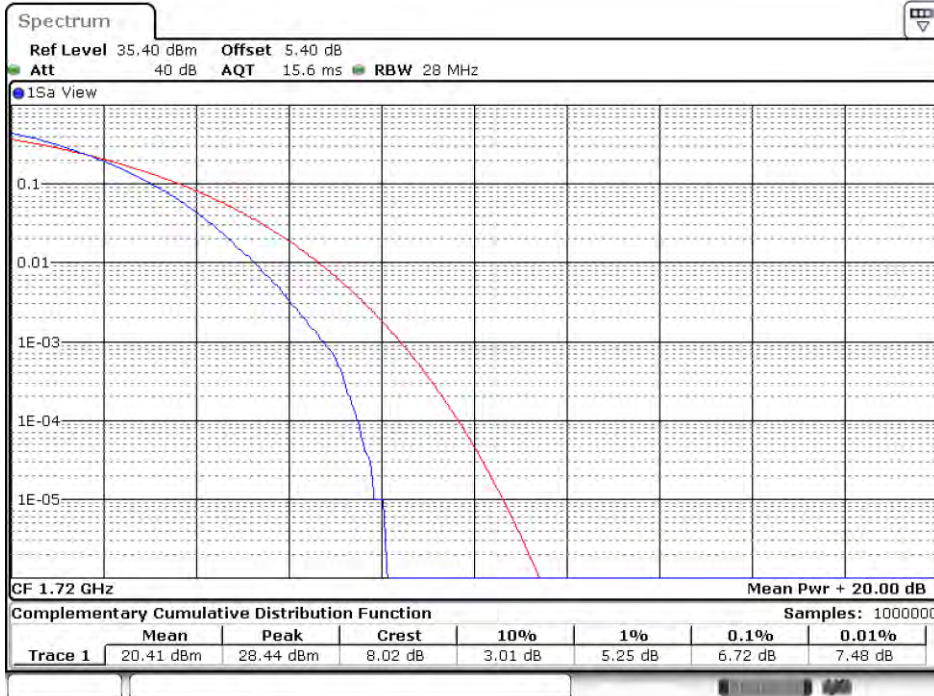


CA_66C_100RB+100RB_16QAM_132374+132572_100RB#0+100RB#0



Date: 10.MAY.2021 02:43:34

CA_66C_100RB+100RB_64QAM_132072+132270_100RB#0+100RB#0

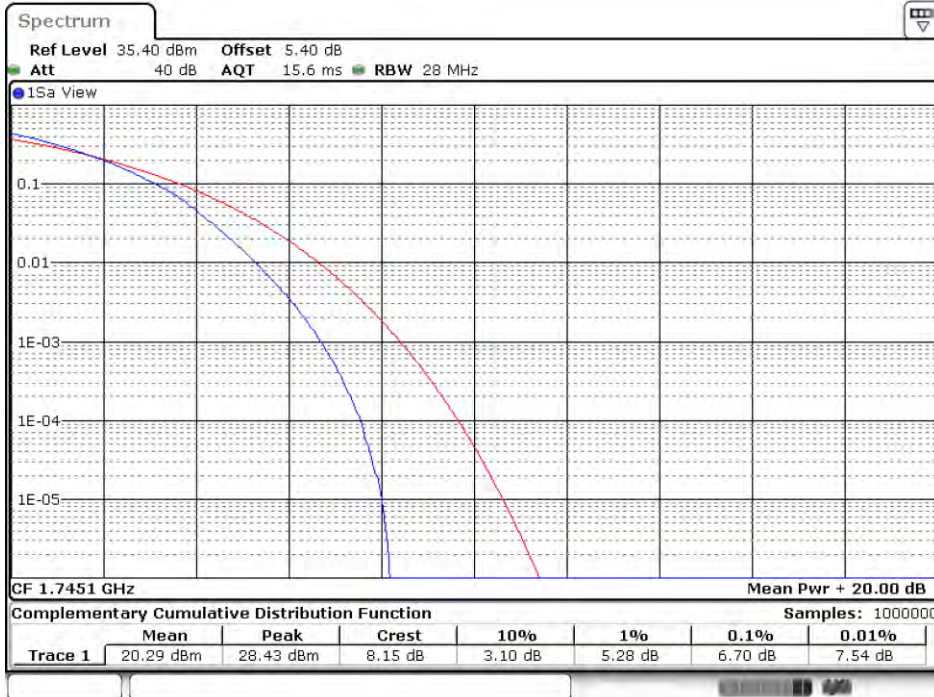


Date: 10.MAY.2021 02:43:59





CA_66C_100RB+100RB_64QAM_132323+132521_100RB#0+100RB#0



Date: 10.MAY.2021 02:44:10

CA_66C_100RB+100RB_64QAM_132374+132572_100RB#0+100RB#0



Date: 10.MAY.2021 02:44:22





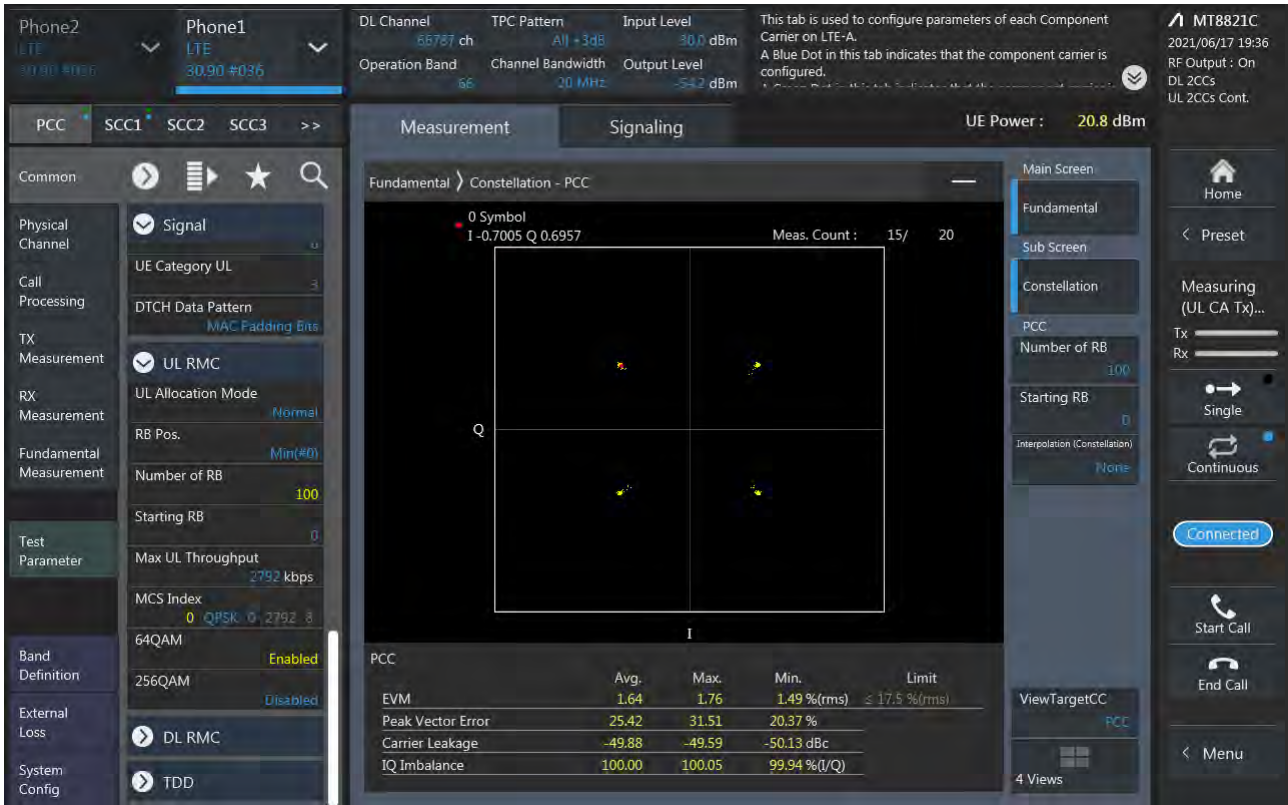
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_66C

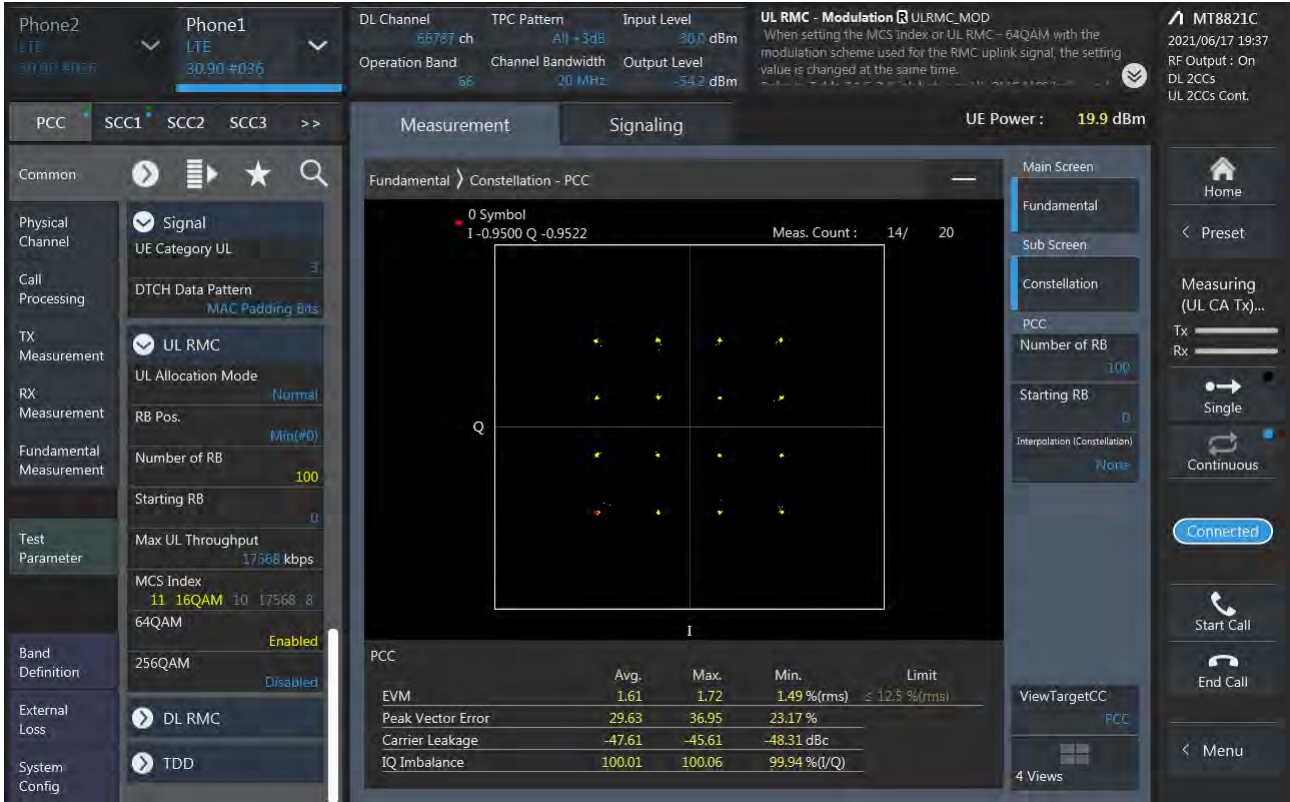
3.1.1.1 Test Mode = LTE /QPSK 50RB+75RB

3.1.1.1.1 Test Channel = 132351+132471





3.1.1.2 Test Mode = LTE /16QAM 50RB+75RB
3.1.1.2.1 Test Channel =132025+132145

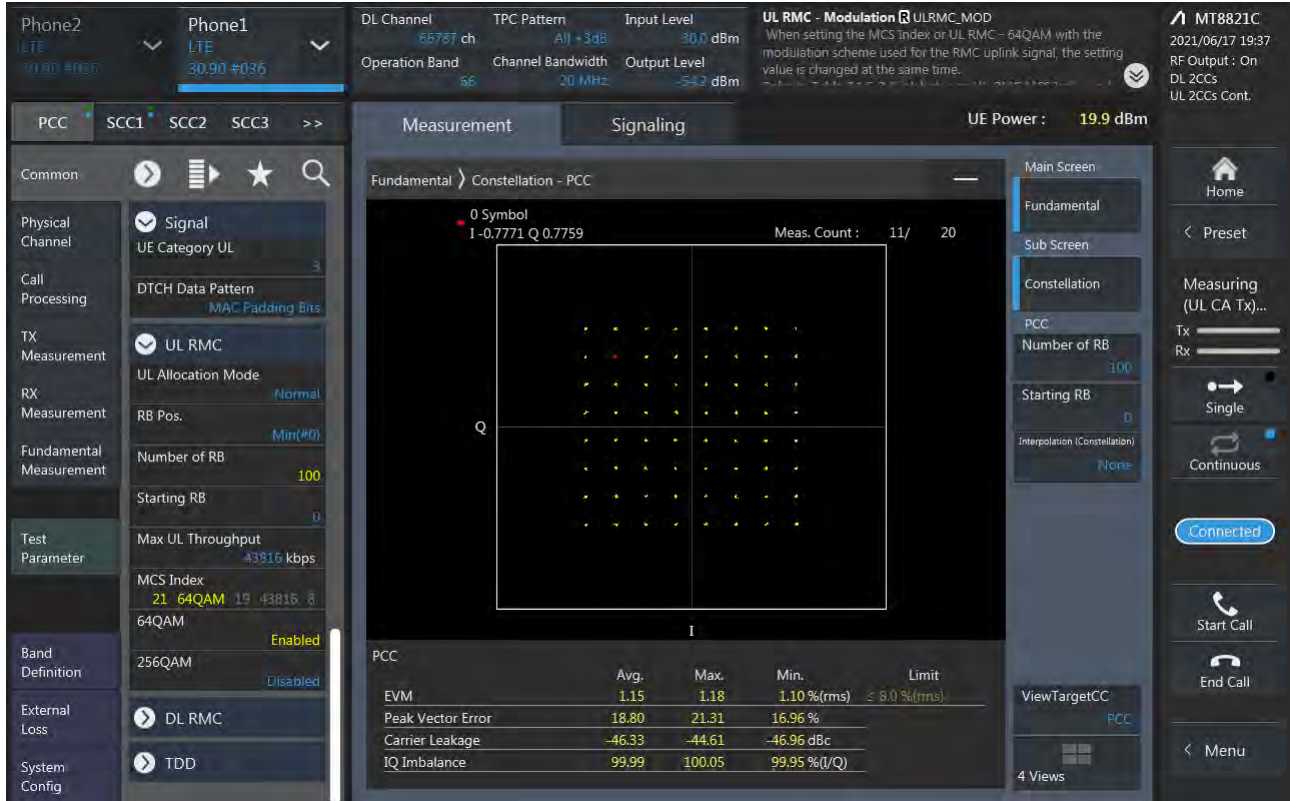


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3.1.1.3 Test Mode = LTE /64QAM 50RB+75RB
3.1.1.3.1 Test Channel = 132025+132145



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



4 26dB Bandwidth and Occupied Bandwidth

Test Band	Test Mode PCC/SCC	Modulation PCC&SCC	Test Channel PCC/SCC	RB Config	OBW [MHz]	EBW [MHz]	Verdict
CA_66C	25RB+100RB	QPSK	132005+132122	25RB#0+100RB#0	22.7	23.53	PASS
CA_66C	25RB+100RB	16QAM	132005+132122	25RB#0+100RB#0	22.69	23.55	PASS
CA_66C	25RB+100RB	64QAM	132005+132122	25RB#0+100RB#0	22.69	23.55	PASS
CA_66C	25RB+100RB	QPSK	132330+132447	25RB#0+100RB#0	22.75	23.57	PASS
CA_66C	25RB+100RB	16QAM	132330+132447	25RB#0+100RB#0	22.74	23.54	PASS
CA_66C	25RB+100RB	64QAM	132330+132447	25RB#0+100RB#0	22.77	23.57	PASS
CA_66C	25RB+100RB	QPSK	132455+132572	25RB#0+100RB#0	22.71	23.53	PASS
CA_66C	25RB+100RB	16QAM	132455+132572	25RB#0+100RB#0	22.7	23.51	PASS
CA_66C	25RB+100RB	64QAM	132455+132572	25RB#0+100RB#0	22.69	23.51	PASS
CA_66C	50RB+75RB	QPSK	132025+132145	50RB#0+75RB#0	23.02	23.90	PASS
CA_66C	50RB+75RB	16QAM	132025+132145	50RB#0+75RB#0	23.02	23.90	PASS
CA_66C	50RB+75RB	64QAM	132025+132145	50RB#0+75RB#0	23.02	23.93	PASS
CA_66C	50RB+75RB	QPSK	132351+132471	50RB#0+75RB#0	23.06	23.91	PASS
CA_66C	50RB+75RB	16QAM	132351+132471	50RB#0+75RB#0	23.05	23.89	PASS
CA_66C	50RB+75RB	64QAM	132351+132471	50RB#0+75RB#0	23.05	23.95	PASS
CA_66C	50RB+75RB	QPSK	132477+132597	50RB#0+75RB#0	22.98	23.87	PASS
CA_66C	50RB+75RB	16QAM	132477+132597	50RB#0+75RB#0	22.94	23.85	PASS
CA_66C	50RB+75RB	64QAM	132477+132597	50RB#0+75RB#0	22.95	23.86	PASS
CA_66C	50RB+100RB	QPSK	132027+132171	50RB#0+100RB#0	27.58	28.54	PASS
CA_66C	50RB+100RB	16QAM	132027+132171	50RB#0+100RB#0	27.55	28.55	PASS
CA_66C	50RB+100RB	64QAM	132027+132171	50RB#0+100RB#0	27.55	28.58	PASS
CA_66C	50RB+100RB	QPSK	132328+132472	50RB#0+100RB#0	27.62	28.58	PASS
CA_66C	50RB+100RB	16QAM	132328+132472	50RB#0+100RB#0	27.59	28.57	PASS
CA_66C	50RB+100RB	64QAM	132328+132472	50RB#0+100RB#0	27.65	28.58	PASS
CA_66C	50RB+100RB	QPSK	132428+132572	50RB#0+100RB#0	27.55	28.54	PASS
CA_66C	50RB+100RB	16QAM	132428+132572	50RB#0+100RB#0	27.62	28.55	PASS
CA_66C	50RB+100RB	64QAM	132428+132572	50RB#0+100RB#0	27.55	28.55	PASS
CA_66C	75RB+50RB	QPSK	132047+132167	75RB#0+50RB#0	23.17	24.35	PASS
CA_66C	75RB+50RB	16QAM	132047+132167	75RB#0+50RB#0	23.14	24.42	PASS
CA_66C	75RB+50RB	64QAM	132047+132167	75RB#0+50RB#0	23.13	24.45	PASS
CA_66C	75RB+50RB	QPSK	132373+132493	75RB#0+50RB#0	23.25	24.50	PASS
CA_66C	75RB+50RB	16QAM	132373+132493	75RB#0+50RB#0	23.17	24.42	PASS
CA_66C	75RB+50RB	64QAM	132373+132493	75RB#0+50RB#0	23.17	24.45	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



CA_66C	75RB+50RB	QPSK	132499+132619	75RB#0+50RB#0	23.19	24.42	PASS
CA_66C	75RB+50RB	16QAM	132499+132619	75RB#0+50RB#0	22.99	24.45	PASS
CA_66C	75RB+50RB	64QAM	132499+132619	75RB#0+50RB#0	23.18	24.33	PASS
CA_66C	75RB+75RB	QPSK	132047+132197	75RB#0+75RB#0	28.19	29.21	PASS
CA_66C	75RB+75RB	16QAM	132047+132197	75RB#0+75RB#0	28.21	29.21	PASS
CA_66C	75RB+75RB	64QAM	132047+132197	75RB#0+75RB#0	28.21	29.20	PASS
CA_66C	75RB+75RB	QPSK	132347+132497	75RB#0+75RB#0	28.24	29.21	PASS
CA_66C	75RB+75RB	16QAM	132347+132497	75RB#0+75RB#0	28.21	29.26	PASS
CA_66C	75RB+75RB	64QAM	132347+132497	75RB#0+75RB#0	28.24	29.21	PASS
CA_66C	75RB+75RB	QPSK	132447+132597	75RB#0+75RB#0	28.21	29.18	PASS
CA_66C	75RB+75RB	16QAM	132447+132597	75RB#0+75RB#0	28.22	29.21	PASS
CA_66C	75RB+75RB	64QAM	132447+132597	75RB#0+75RB#0	28.21	29.20	PASS
CA_66C	75RB+100RB	QPSK	132050+132221	75RB#0+100RB#0	32.51	33.91	PASS
CA_66C	75RB+100RB	16QAM	132050+132221	75RB#0+100RB#0	32.51	33.87	PASS
CA_66C	75RB+100RB	64QAM	132050+132221	75RB#0+100RB#0	32.51	33.93	PASS
CA_66C	75RB+100RB	QPSK	132325+132496	75RB#0+100RB#0	32.57	33.87	PASS
CA_66C	75RB+100RB	16QAM	132325+132496	75RB#0+100RB#0	32.47	33.91	PASS
CA_66C	75RB+100RB	64QAM	132325+132496	75RB#0+100RB#0	32.55	34.01	PASS
CA_66C	75RB+100RB	QPSK	132401+132572	75RB#0+100RB#0	32.63	33.97	PASS
CA_66C	75RB+100RB	16QAM	132401+132572	75RB#0+100RB#0	32.51	33.89	PASS
CA_66C	75RB+100RB	64QAM	132401+132572	75RB#0+100RB#0	32.51	33.95	PASS
CA_66C	100RB+25RB	QPSK	132072+132189	100RB#0+25RB#0	22.99	24.13	PASS
CA_66C	100RB+25RB	16QAM	132072+132189	100RB#0+25RB#0	22.91	24.06	PASS
CA_66C	100RB+25RB	64QAM	132072+132189	100RB#0+25RB#0	22.91	24.06	PASS
CA_66C	100RB+25RB	QPSK	132397+132514	100RB#0+25RB#0	22.95	24.06	PASS
CA_66C	100RB+25RB	16QAM	132397+132514	100RB#0+25RB#0	22.95	24.07	PASS
CA_66C	100RB+25RB	64QAM	132397+132514	100RB#0+25RB#0	22.93	24.10	PASS
CA_66C	100RB+25RB	QPSK	132522+132639	100RB#0+25RB#0	22.97	24.10	PASS
CA_66C	100RB+25RB	16QAM	132522+132639	100RB#0+25RB#0	22.95	24.07	PASS
CA_66C	100RB+25RB	64QAM	132522+132639	100RB#0+25RB#0	22.95	24.07	PASS
CA_66C	100RB+50RB	QPSK	132072+132216	100RB#0+50RB#0	27.74	29.11	PASS
CA_66C	100RB+50RB	16QAM	132072+132216	100RB#0+50RB#0	27.74	29.08	PASS
CA_66C	100RB+50RB	64QAM	132072+132216	100RB#0+50RB#0	27.7	29.11	PASS
CA_66C	100RB+50RB	QPSK	132373+132517	100RB#0+50RB#0	27.76	29.15	PASS
CA_66C	100RB+50RB	16QAM	132373+132517	100RB#0+50RB#0	27.76	29.12	PASS
CA_66C	100RB+50RB	64QAM	132373+132517	100RB#0+50RB#0	27.74	29.14	PASS
CA_66C	100RB+50RB	QPSK	132473+132617	100RB#0+50RB#0	27.73	29.12	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



CA_66C	100RB+50RB	16QAM	132473+132617	100RB#0+50RB#0	27.74	29.08	PASS
CA_66C	100RB+50RB	64QAM	132473+132617	100RB#0+50RB#0	27.7	29.11	PASS
CA_66C	100RB+75RB	QPSK	132072+132243	100RB#0+75RB#0	32.57	33.97	PASS
CA_66C	100RB+75RB	16QAM	132072+132243	100RB#0+75RB#0	32.59	33.97	PASS
CA_66C	100RB+75RB	64QAM	132072+132243	100RB#0+75RB#0	32.57	33.99	PASS
CA_66C	100RB+75RB	QPSK	132348+132519	100RB#0+75RB#0	32.61	34.05	PASS
CA_66C	100RB+75RB	16QAM	132348+132519	100RB#0+75RB#0	32.61	34.01	PASS
CA_66C	100RB+75RB	64QAM	132348+132519	100RB#0+75RB#0	32.61	33.97	PASS
CA_66C	100RB+75RB	QPSK	132423+132594	100RB#0+75RB#0	32.63	33.97	PASS
CA_66C	100RB+75RB	16QAM	132423+132594	100RB#0+75RB#0	32.59	33.95	PASS
CA_66C	100RB+75RB	64QAM	132423+132594	100RB#0+75RB#0	32.57	33.97	PASS
CA_66C	100RB+100RB	QPSK	132072+132270	100RB#0+100RB#0	37.41	38.93	PASS
CA_66C	100RB+100RB	16QAM	132072+132270	100RB#0+100RB#0	37.57	38.93	PASS
CA_66C	100RB+100RB	64QAM	132072+132270	100RB#0+100RB#0	37.41	38.89	PASS
CA_66C	100RB+100RB	QPSK	132323+132521	100RB#0+100RB#0	37.39	38.95	PASS
CA_66C	100RB+100RB	16QAM	132323+132521	100RB#0+100RB#0	37.47	38.99	PASS
CA_66C	100RB+100RB	64QAM	132323+132521	100RB#0+100RB#0	37.43	38.99	PASS
CA_66C	100RB+100RB	QPSK	132374+132572	100RB#0+100RB#0	37.31	38.79	PASS
CA_66C	100RB+100RB	16QAM	132374+132572	100RB#0+100RB#0	37.45	38.93	PASS
CA_66C	100RB+100RB	64QAM	132374+132572	100RB#0+100RB#0	37.43	38.95	PASS



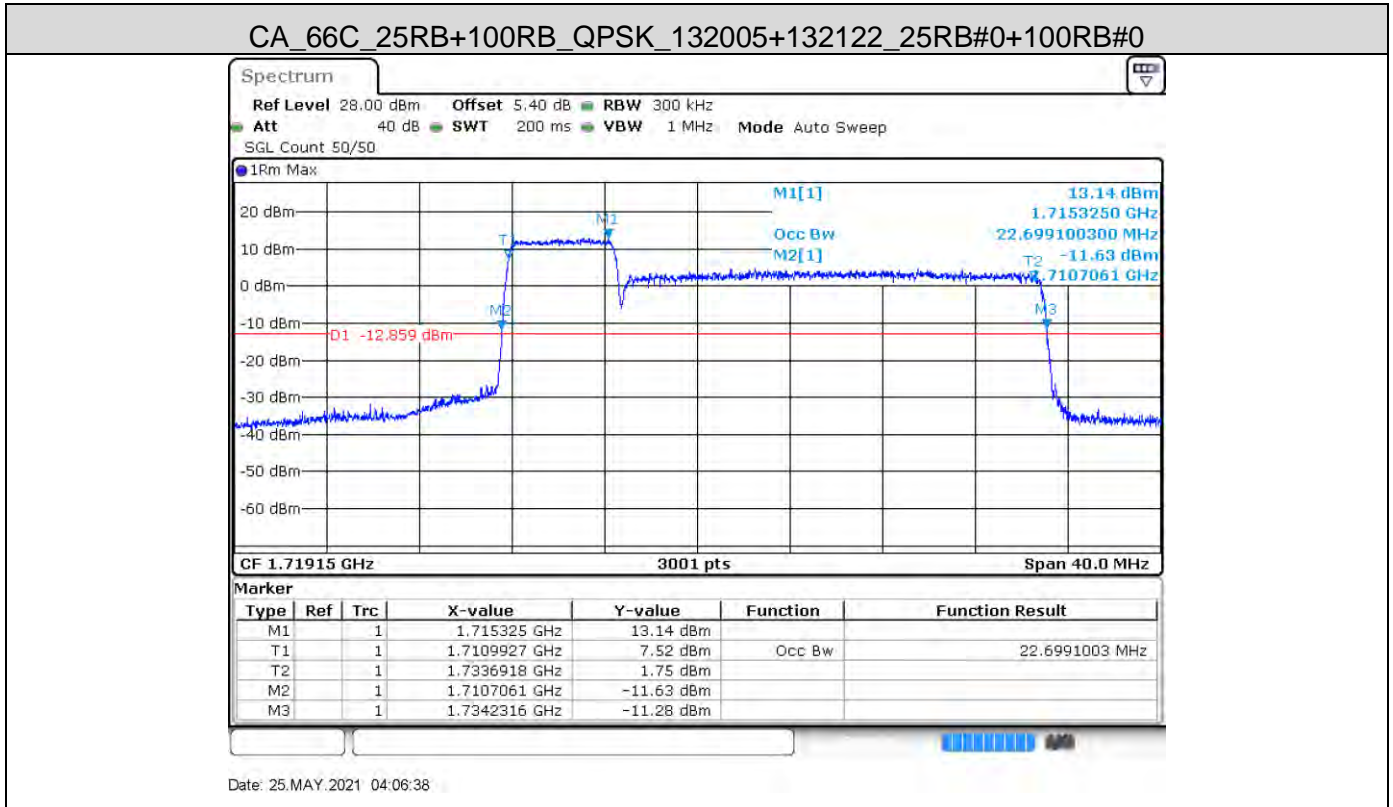
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

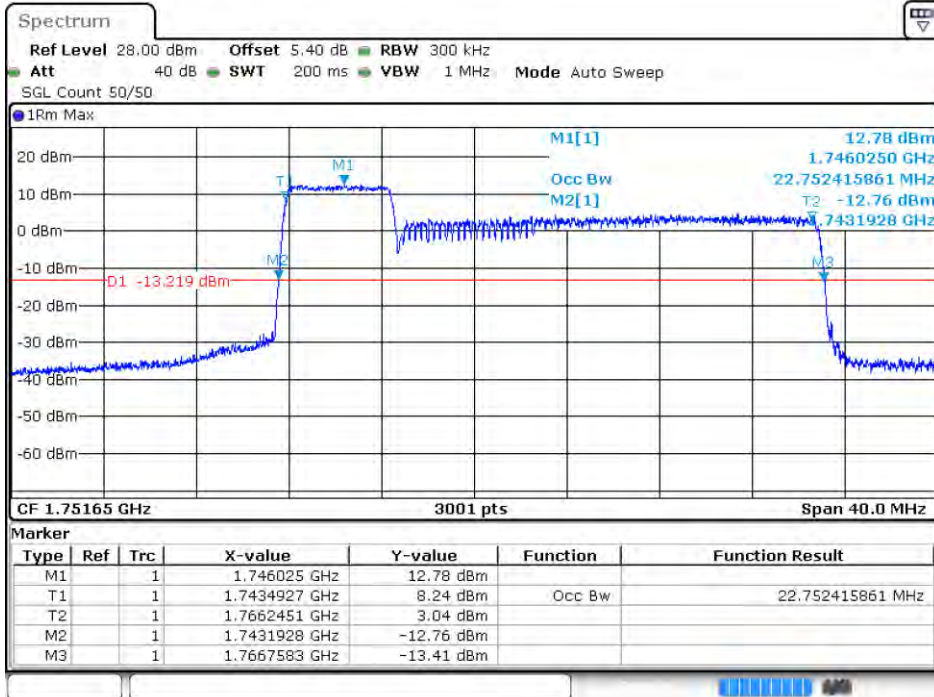


4.1 For LTE

4.1.1 Test Band = LTE Band CA_66C

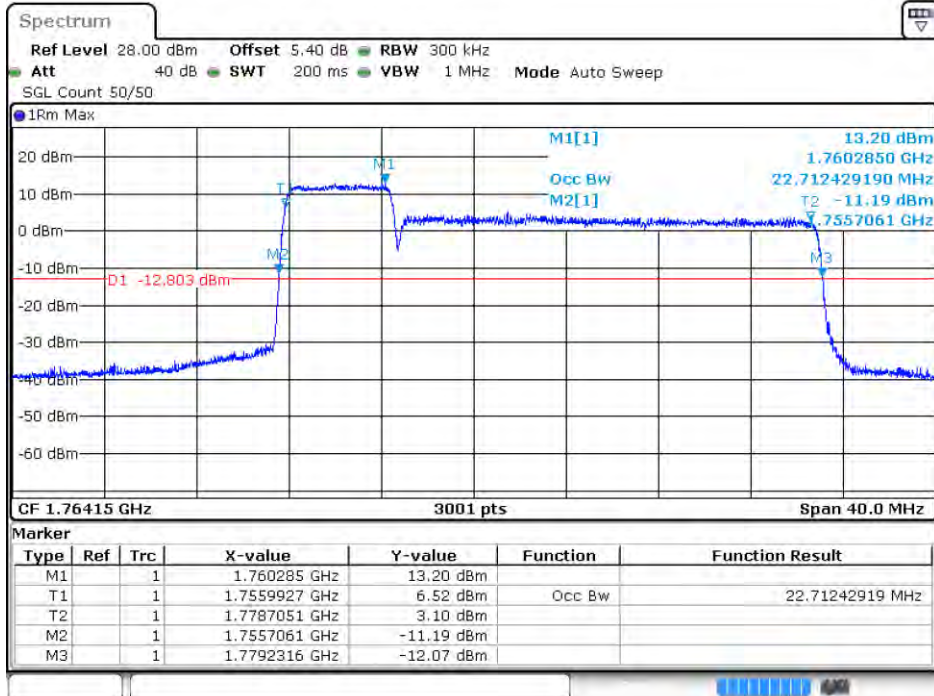


CA_66C_25RB+100RB_QPSK_132330+132447_25RB#0+100RB#0



Date: 25.MAY.2021 04:10:44

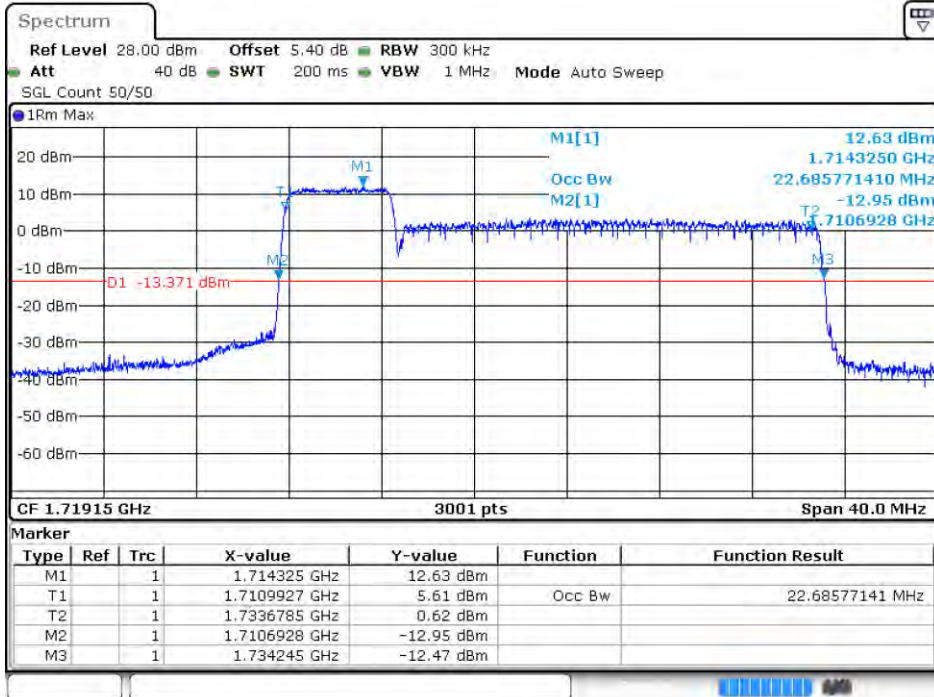
CA_66C_25RB+100RB_QPSK_132455+132572_25RB#0+100RB#0



Date: 25.MAY.2021 04:11:55

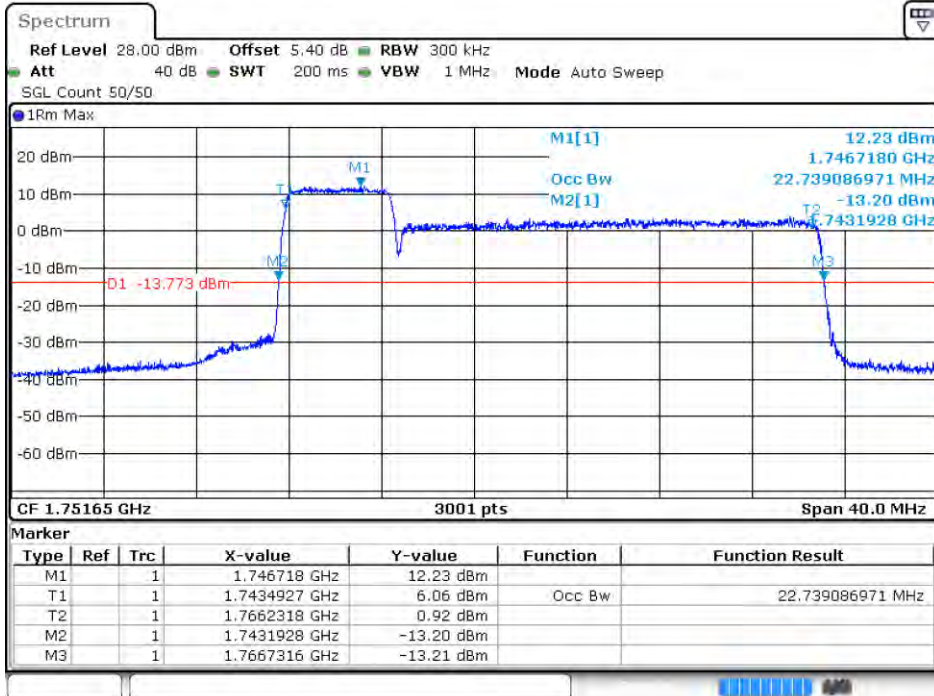


CA_66C_25RB+100RB_16QAM_132005+132122_25RB#0+100RB#0



Date: 25.MAY.2021 04:06:55

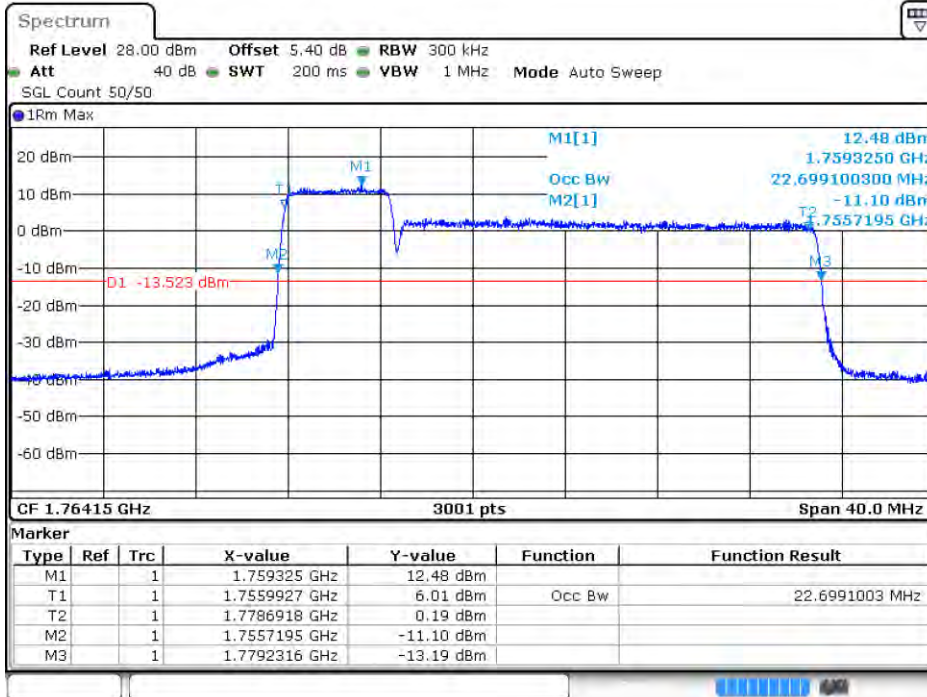
CA_66C_25RB+100RB_16QAM_132330+132447_25RB#0+100RB#0



Date: 25.MAY.2021 04:11:01

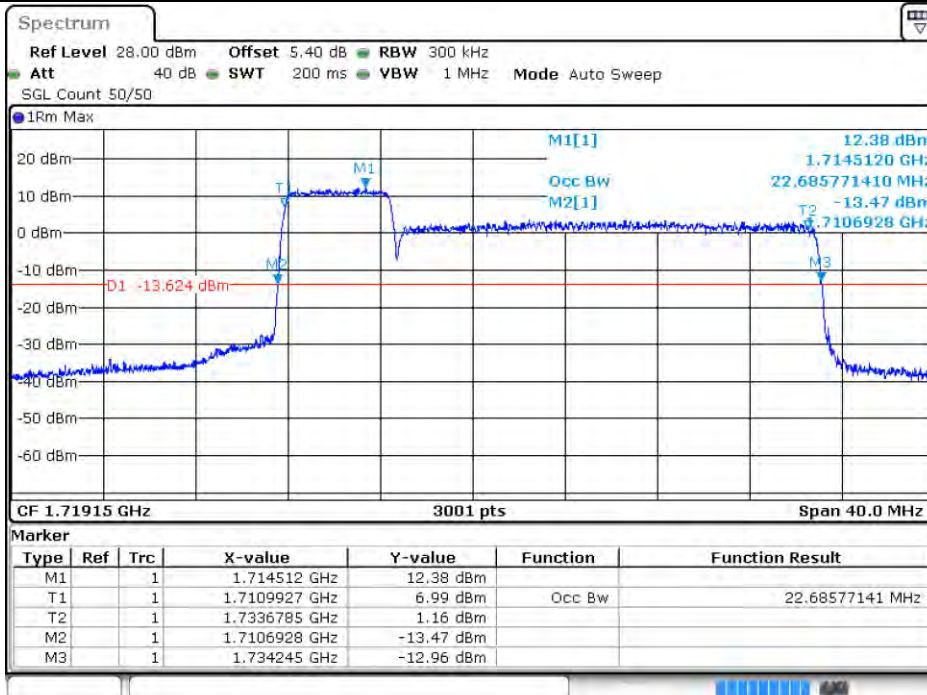


CA_66C_25RB+100RB_16QAM_132455+132572_25RB#0+100RB#0



Date: 25.MAY.2021 04:12:13

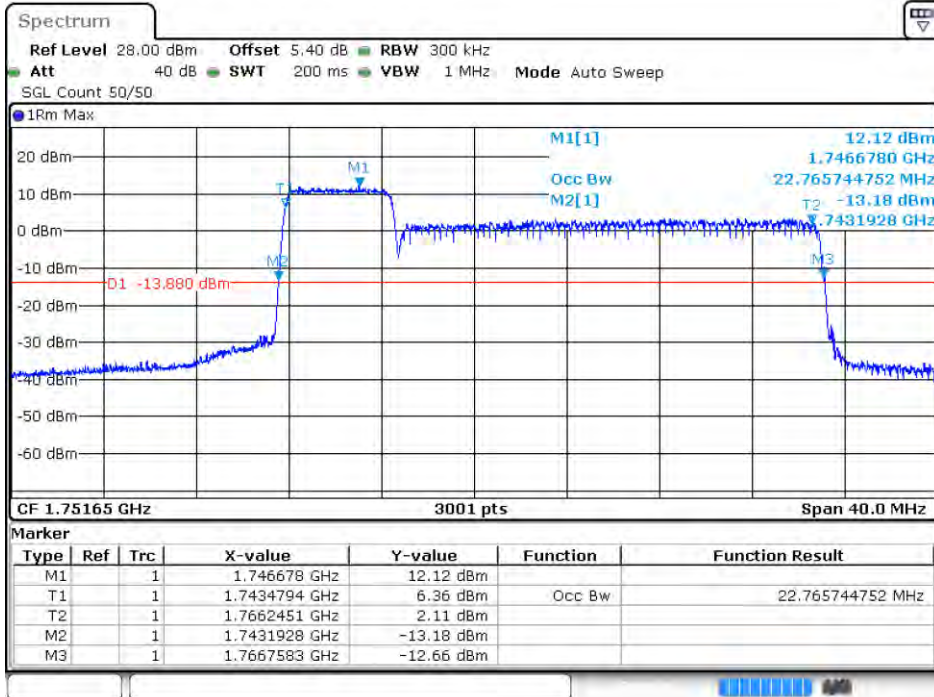
CA_66C_25RB+100RB_64QAM_132005+132122_25RB#0+100RB#0



Date: 25.MAY.2021 04:07:12

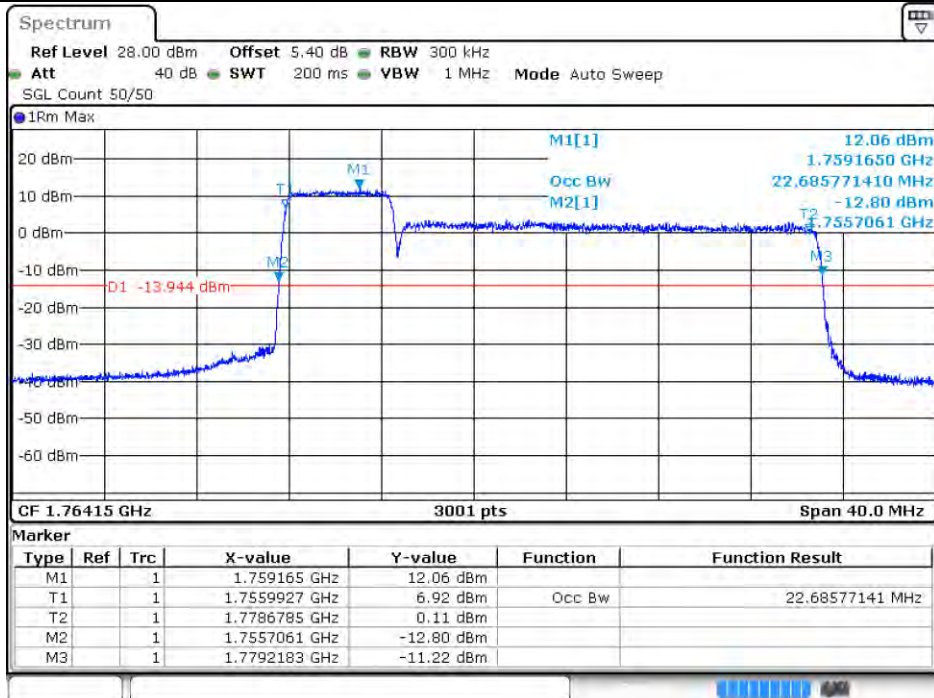


CA_66C_25RB+100RB_64QAM_132330+132447_25RB#0+100RB#0



Date: 25.MAY.2021 04:11:20

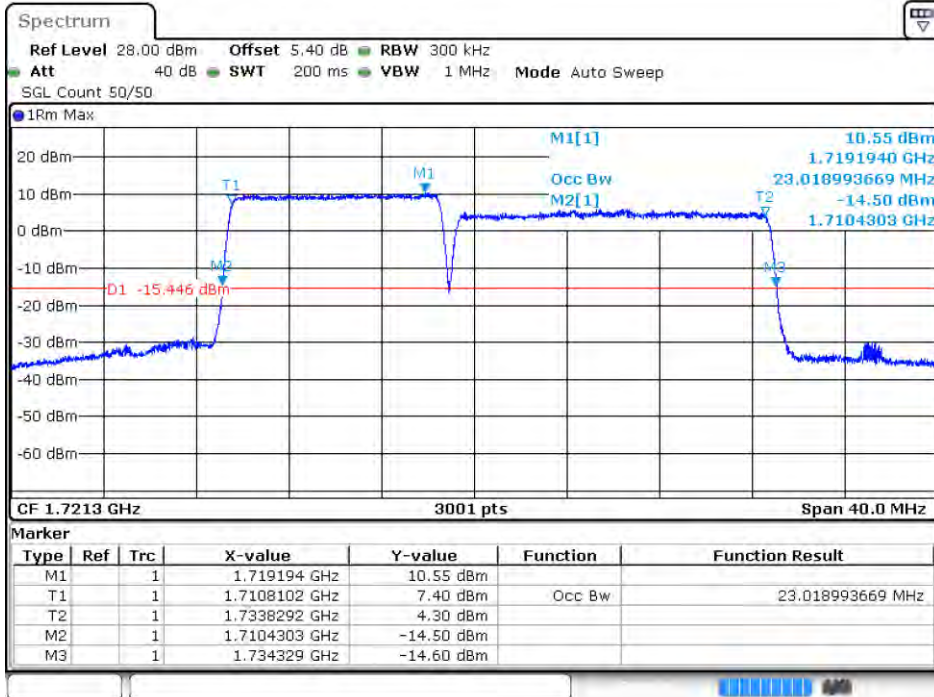
CA_66C_25RB+100RB_64QAM_132455+132572_25RB#0+100RB#0



Date: 25.MAY.2021 04:12:30

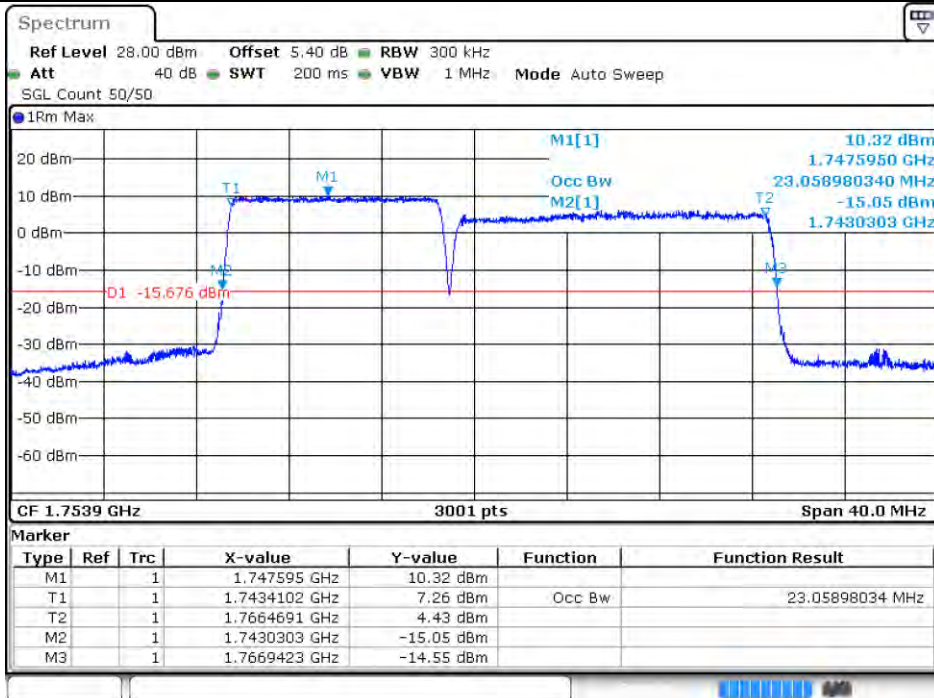


CA_66C_50RB+75RB_QPSK_132025+132145_50RB#0+75RB#0



Date: 25.MAY.2021 03:34:23

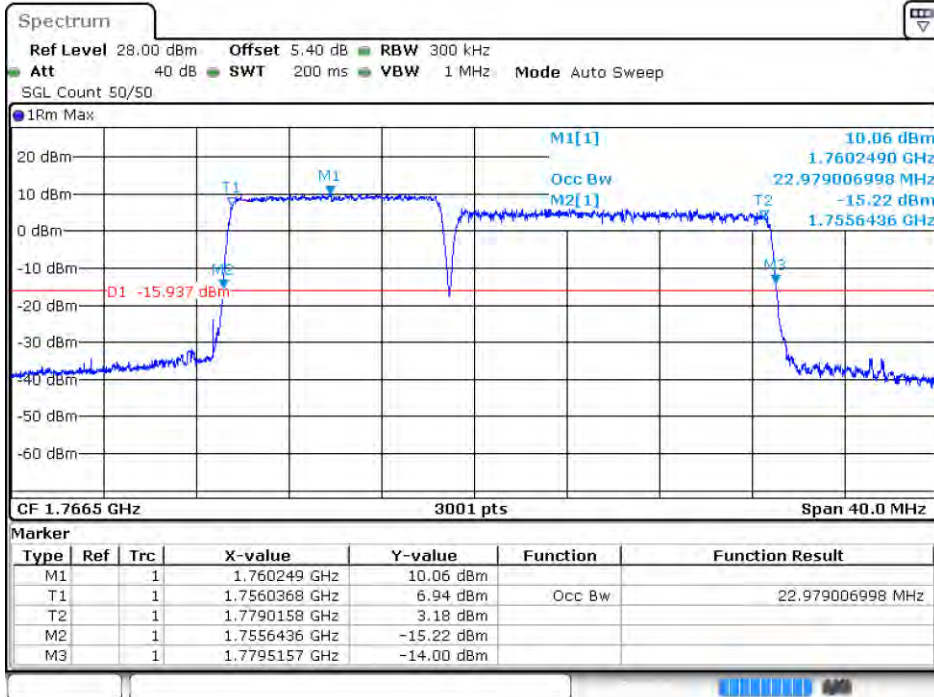
CA_66C_50RB+75RB_QPSK_132351+132471_50RB#0+75RB#0



Date: 25.MAY.2021 03:35:22

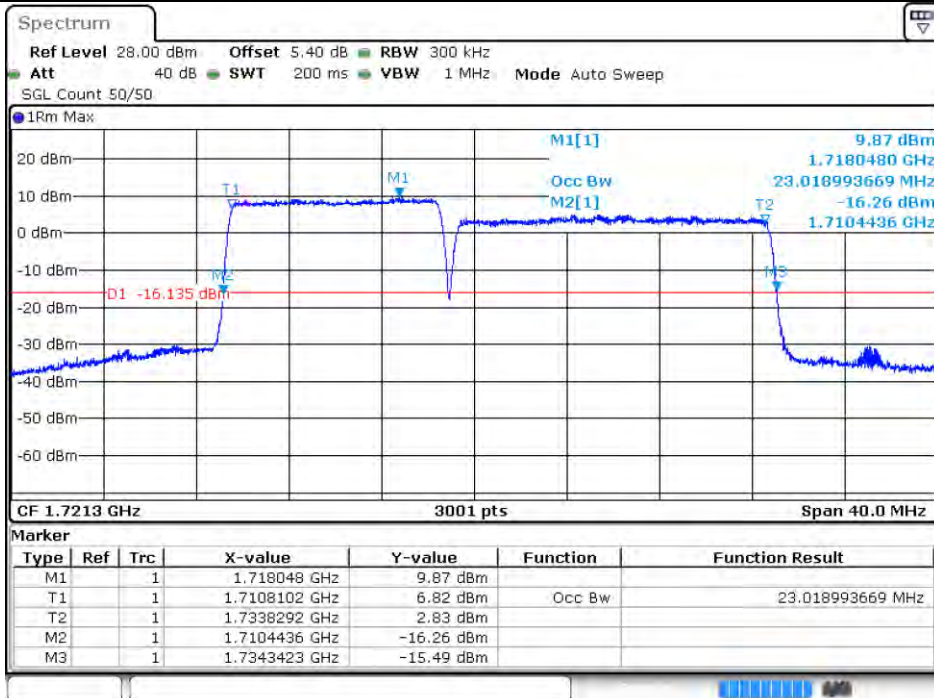


CA_66C_50RB+75RB_QPSK_132477+132597_50RB#0+75RB#0



Date: 25.MAY.2021 03:36:19

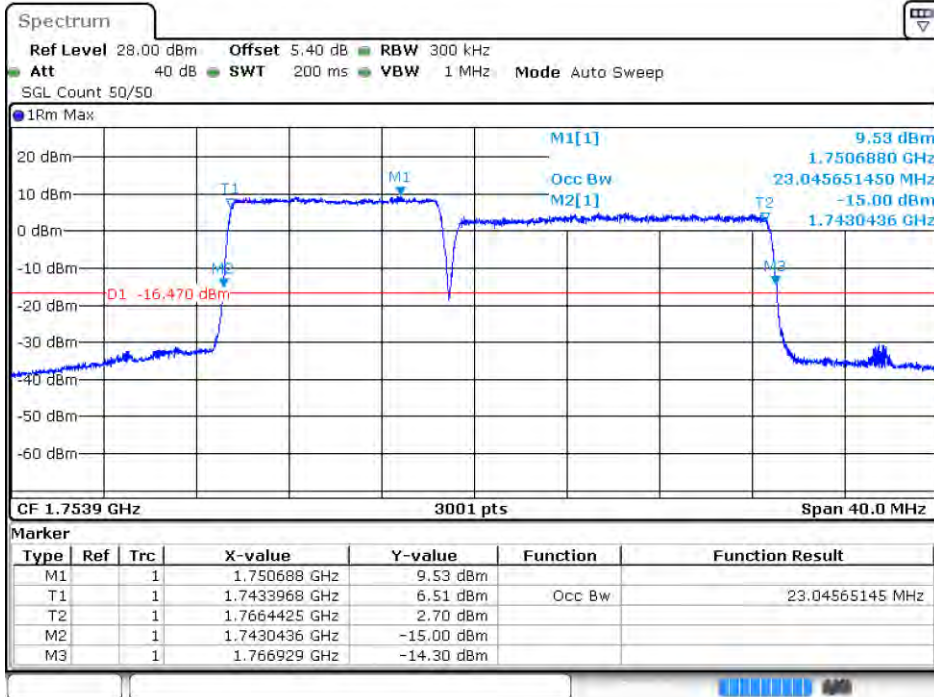
CA_66C_50RB+75RB_16QAM_132025+132145_50RB#0+75RB#0



Date: 25.MAY.2021 03:34:41

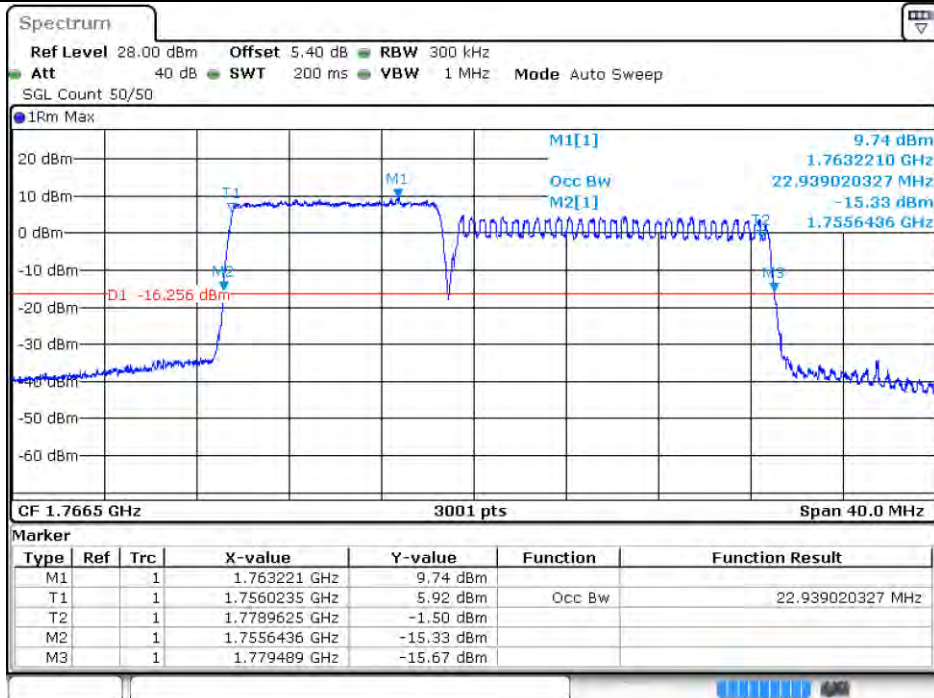


CA_66C_50RB+75RB_16QAM_132351+132471_50RB#0+75RB#0



Date: 25.MAY.2021 03:35:39

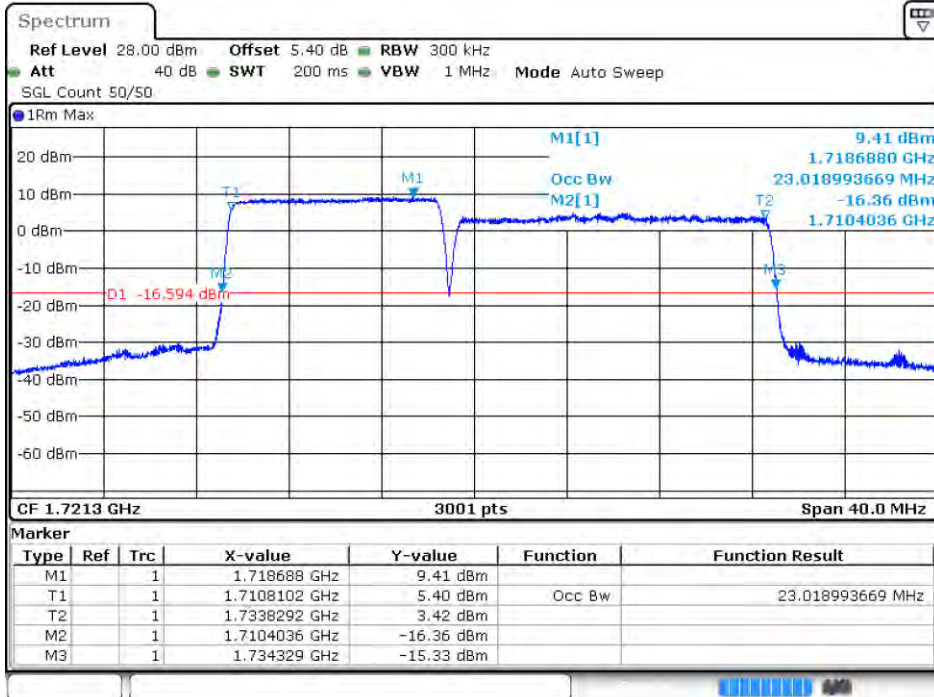
CA_66C_50RB+75RB_16QAM_132477+132597_50RB#0+75RB#0



Date: 25.MAY.2021 03:36:36

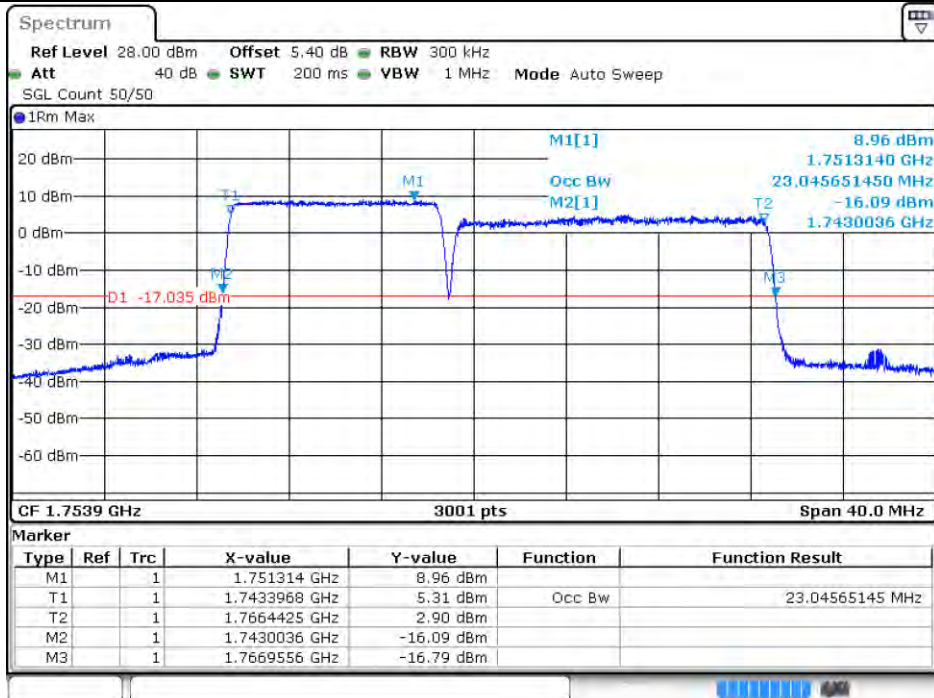


CA_66C_50RB+75RB_64QAM_132025+132145_50RB#0+75RB#0



Date: 25.MAY.2021 03:34:59

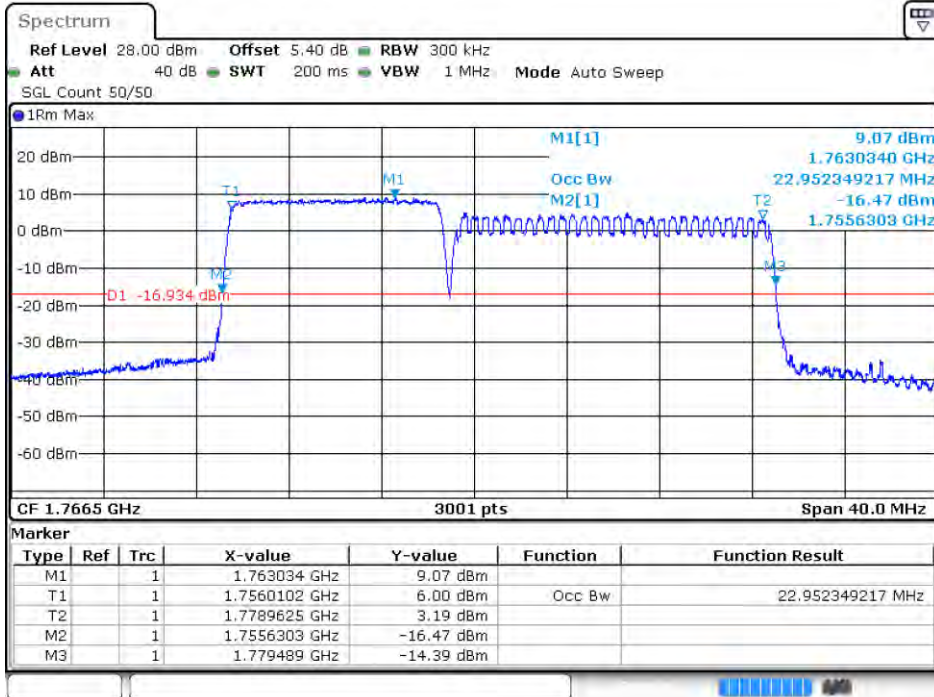
CA_66C_50RB+75RB_64QAM_132351+132471_50RB#0+75RB#0



Date: 25.MAY.2021 03:35:56

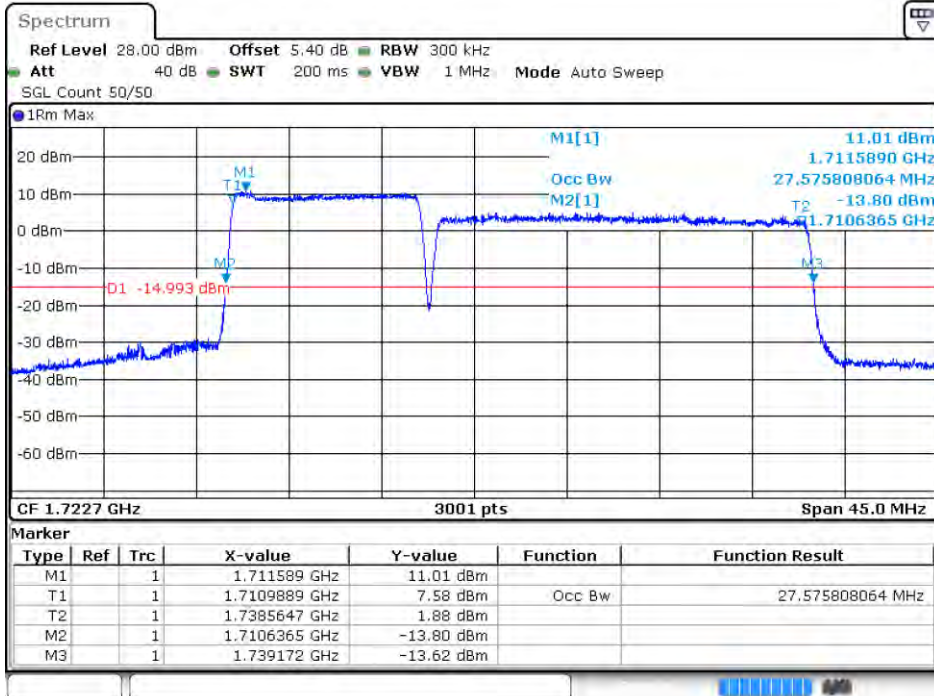


CA_66C_50RB+75RB_64QAM_132477+132597_50RB#0+75RB#0



Date: 25.MAY.2021 03:36:53

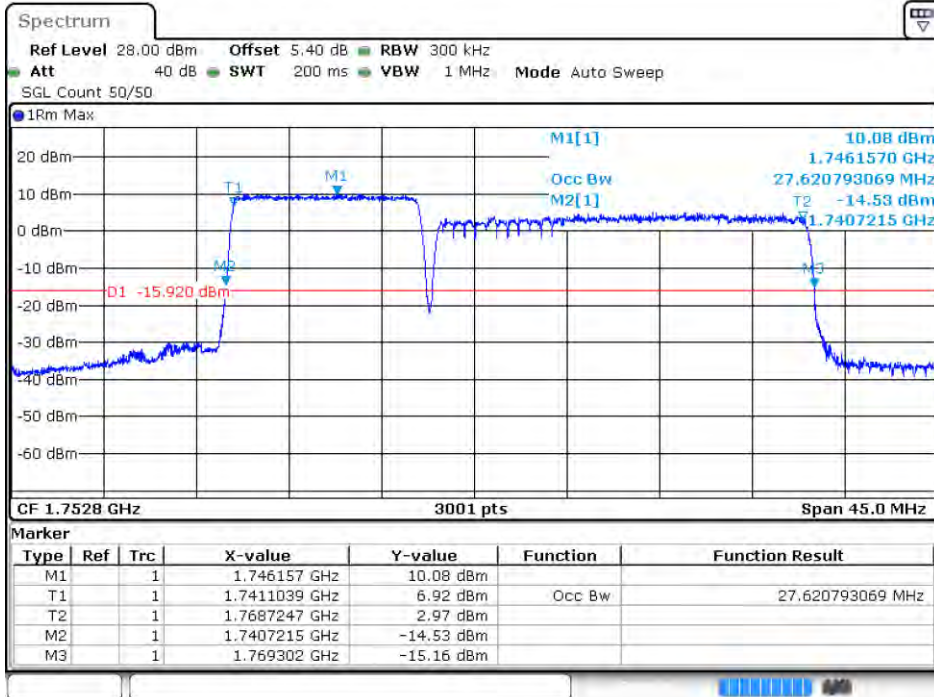
CA_66C_50RB+100RB_QPSK_132027+132171_50RB#0+100RB#0



Date: 25.MAY.2021 03:40:18

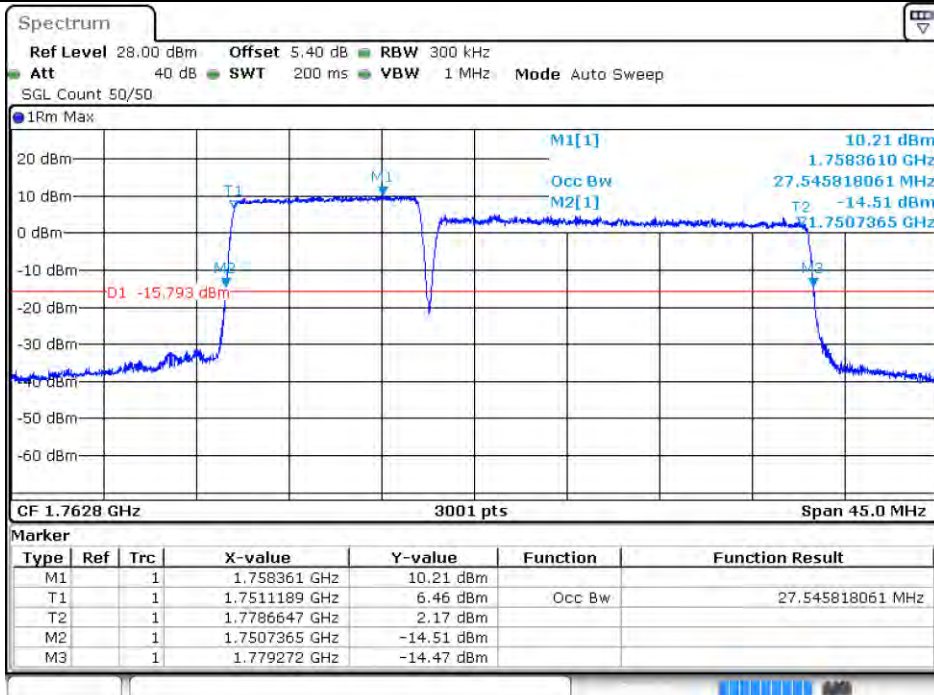


CA_66C_50RB+100RB_QPSK_132328+132472_50RB#0+100RB#0



Date: 25.MAY.2021 03:41:17

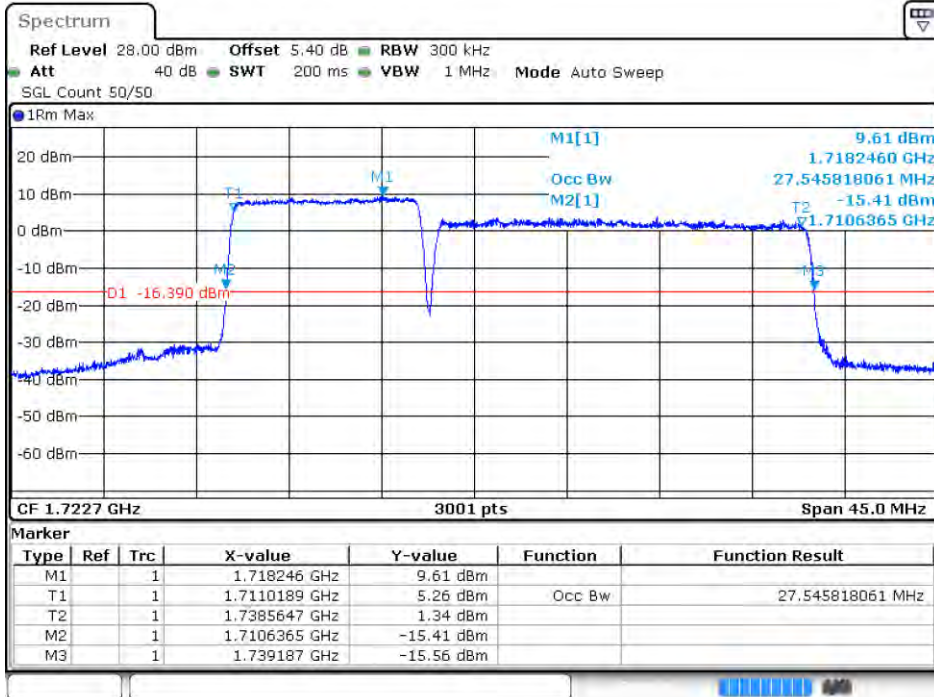
CA_66C_50RB+100RB_QPSK_132428+132572_50RB#0+100RB#0



Date: 25.MAY.2021 03:43:02

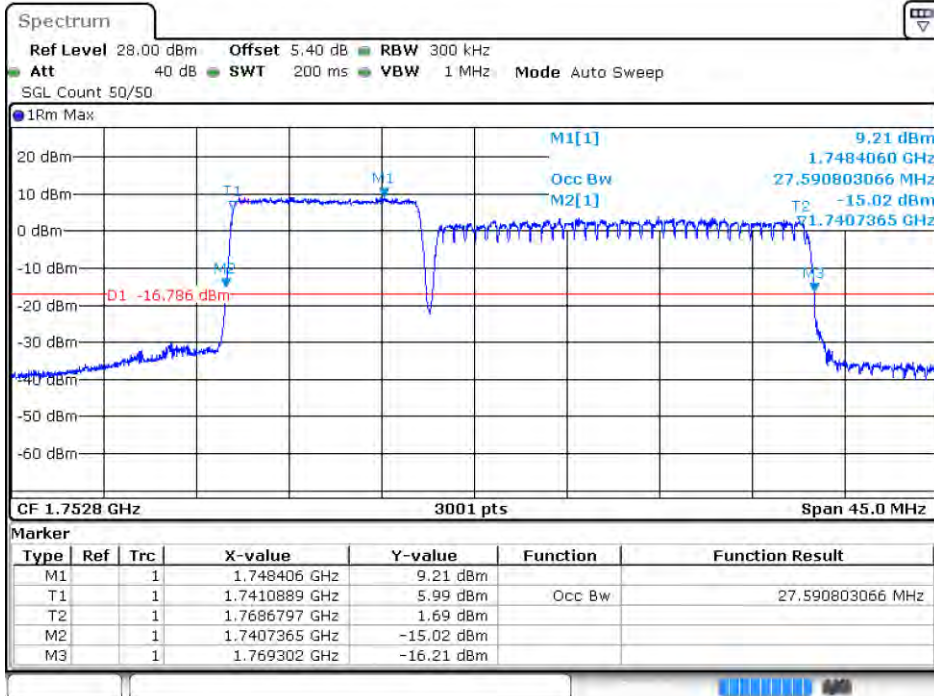


CA_66C_50RB+100RB_16QAM_132027+132171_50RB#0+100RB#0



Date: 25.MAY.2021 03:40:35

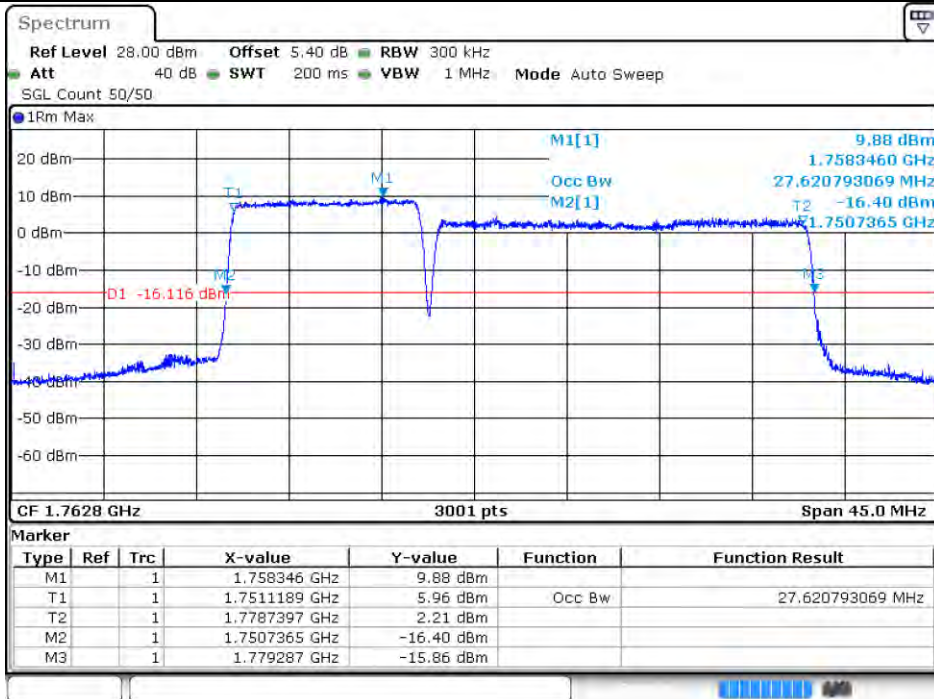
CA_66C_50RB+100RB_16QAM_132328+132472_50RB#0+100RB#0



Date: 25.MAY.2021 03:41:34

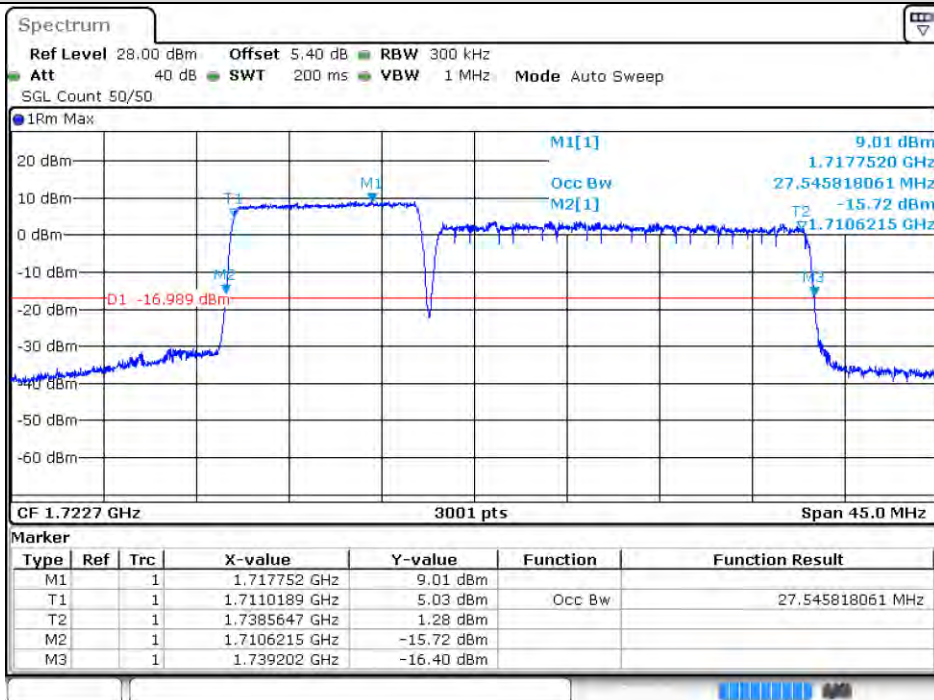


CA_66C_50RB+100RB_16QAM_132428+132572_50RB#0+100RB#0



Date: 25.MAY.2021 03:43:18

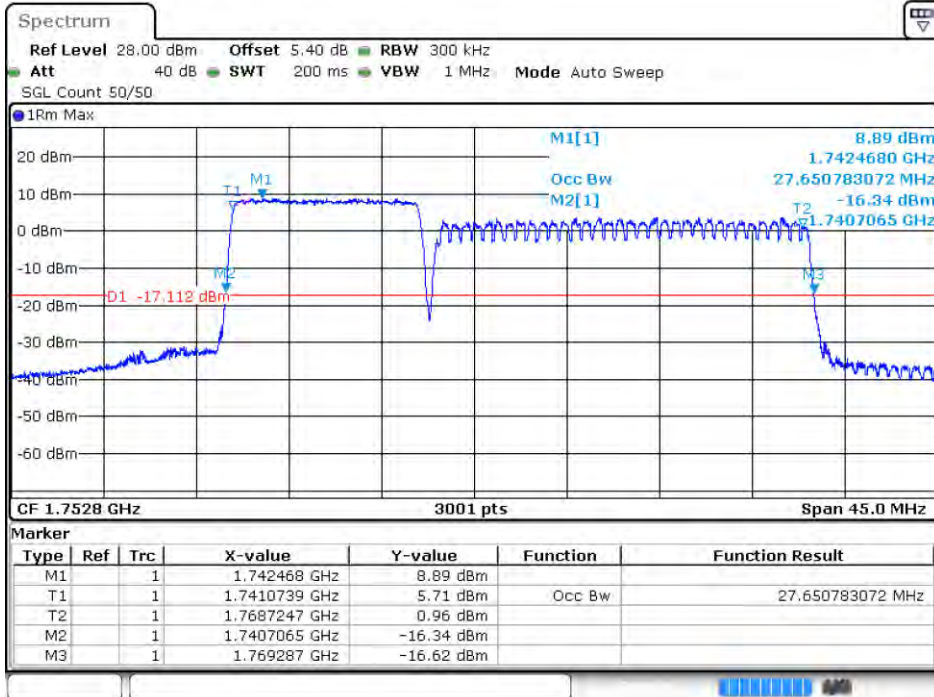
CA_66C_50RB+100RB_64QAM_132027+132171_50RB#0+100RB#0



Date: 25.MAY.2021 03:40:52

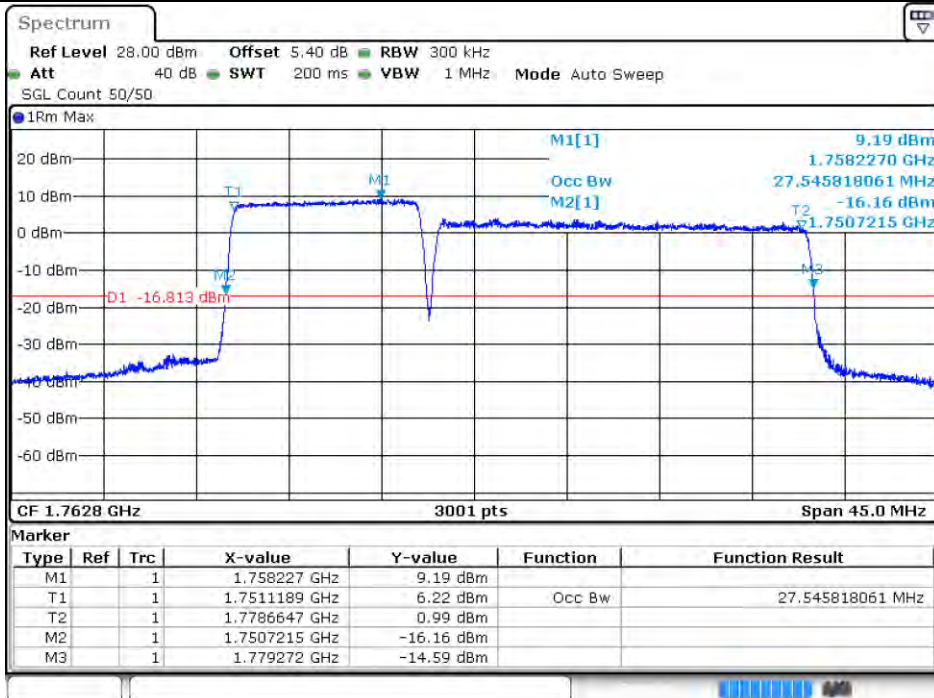


CA_66C_50RB+100RB_64QAM_132328+132472_50RB#0+100RB#0



Date: 25.MAY.2021 03:41:51

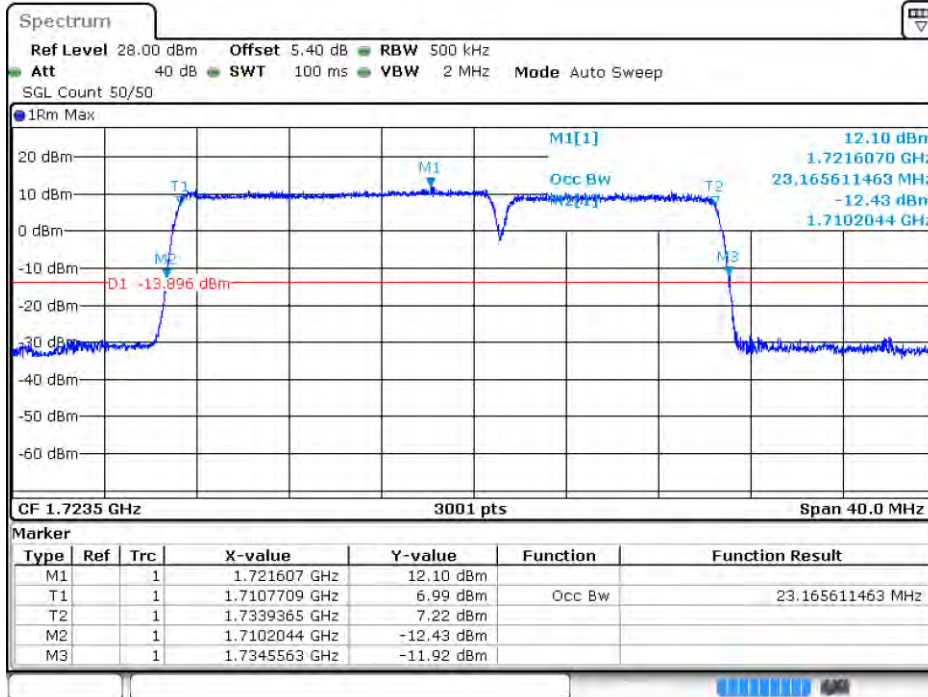
CA_66C_50RB+100RB_64QAM_132428+132572_50RB#0+100RB#0



Date: 25.MAY.2021 03:43:35

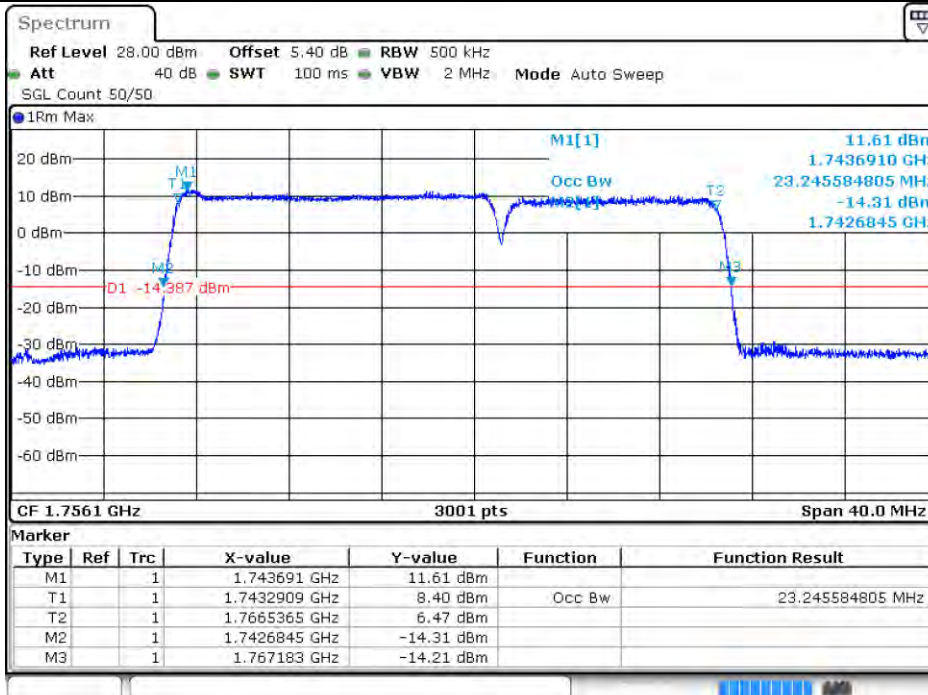


CA_66C_75RB+50RB_QPSK_132047+132167_75RB#0+50RB#0



Date: 25.MAY.2021 03:37:18

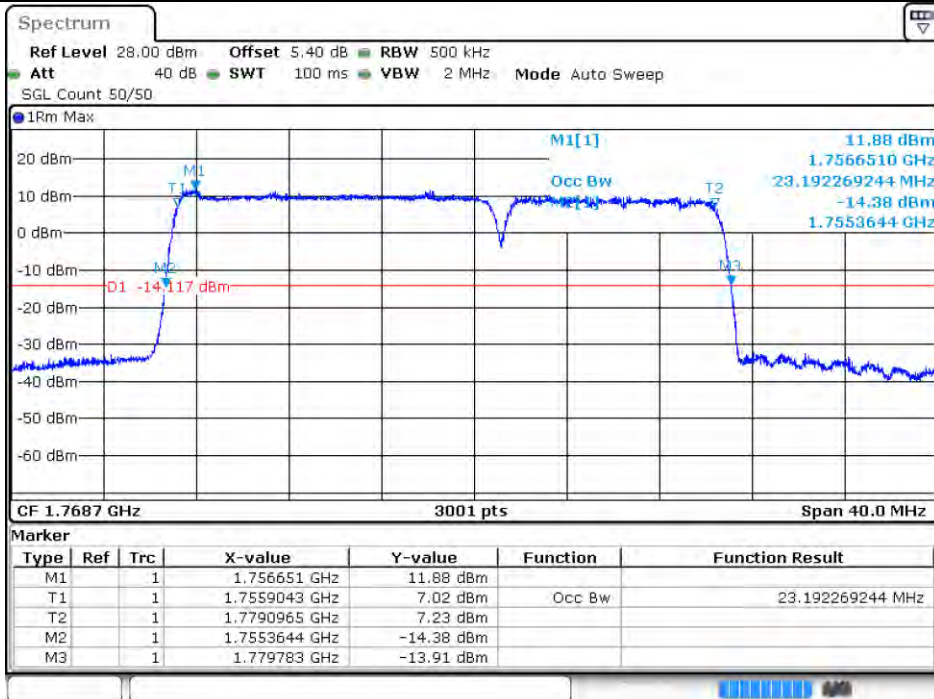
CA_66C_75RB+50RB_QPSK_132373+132493_75RB#0+50RB#0



Date: 25.MAY.2021 03:37:59

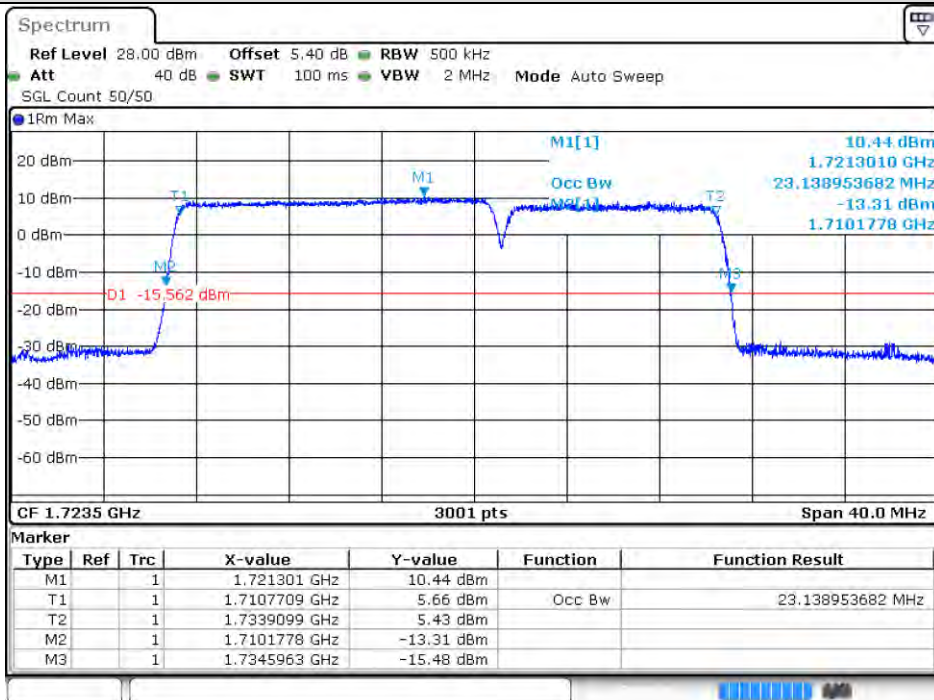


CA_66C_75RB+50RB_QPSK_132499+132619_75RB#0+50RB#0



Date: 25.MAY.2021 03:39:29

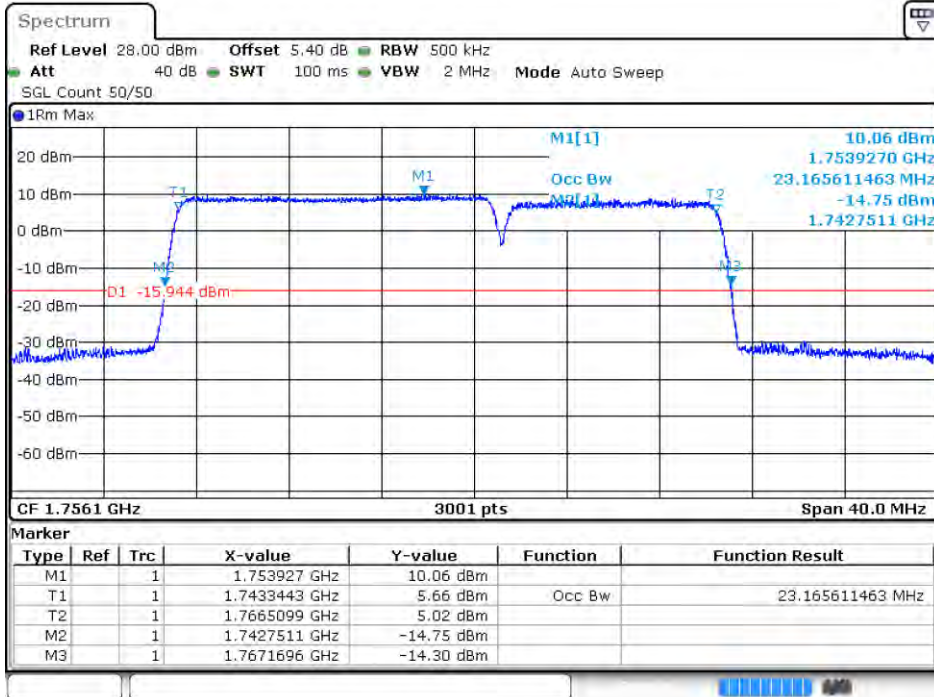
CA_66C_75RB+50RB_16QAM_132047+132167_75RB#0+50RB#0



Date: 25.MAY.2021 03:37:30

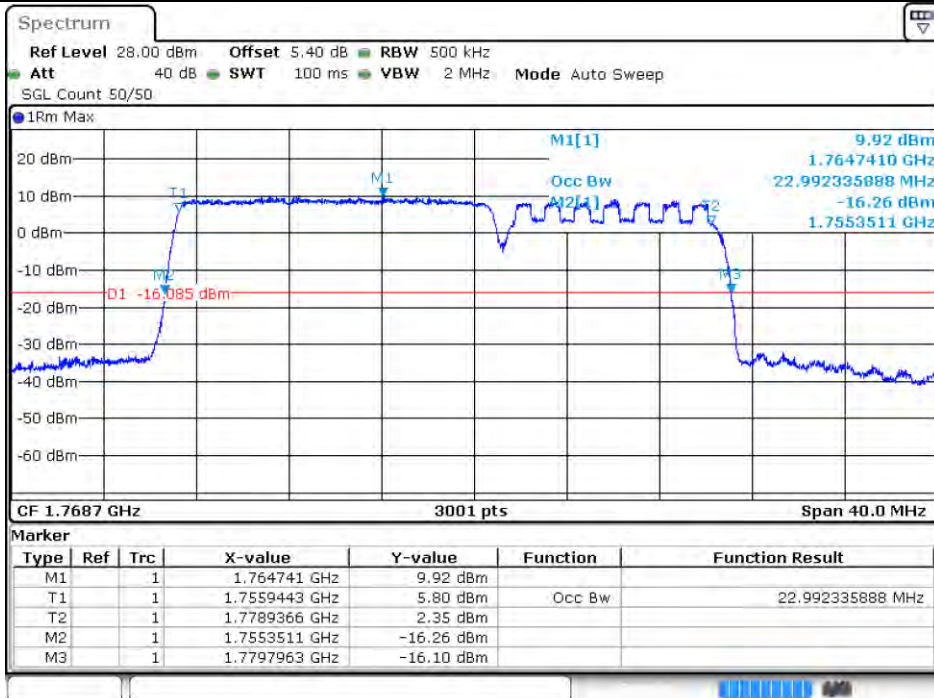


CA_66C_75RB+50RB_16QAM_132373+132493_75RB#0+50RB#0



Date: 25.MAY.2021 03:38:11

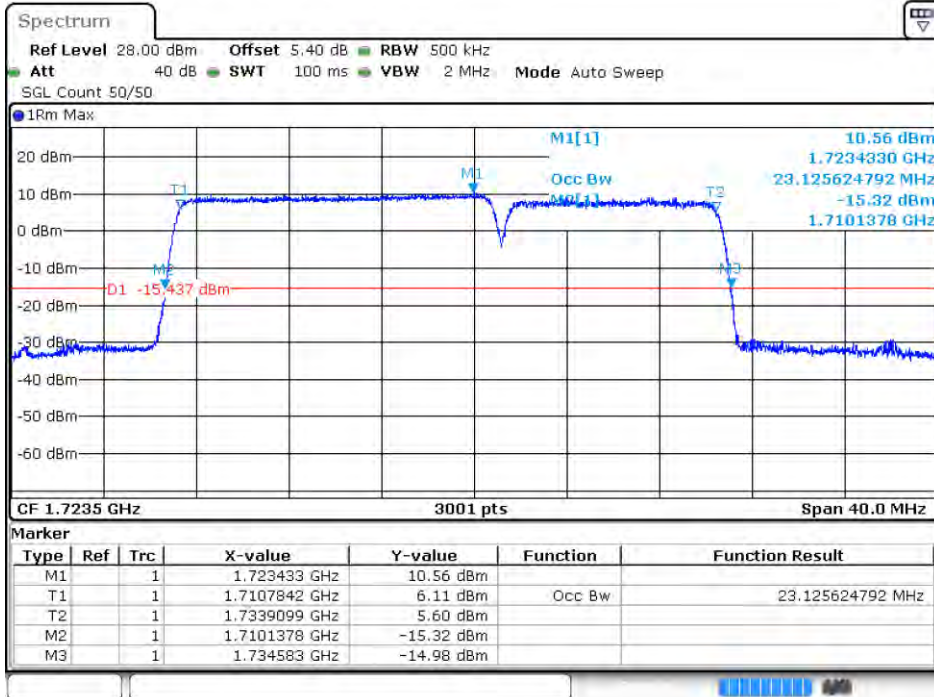
CA_66C_75RB+50RB_16QAM_132499+132619_75RB#0+50RB#0



Date: 25.MAY.2021 03:39:41

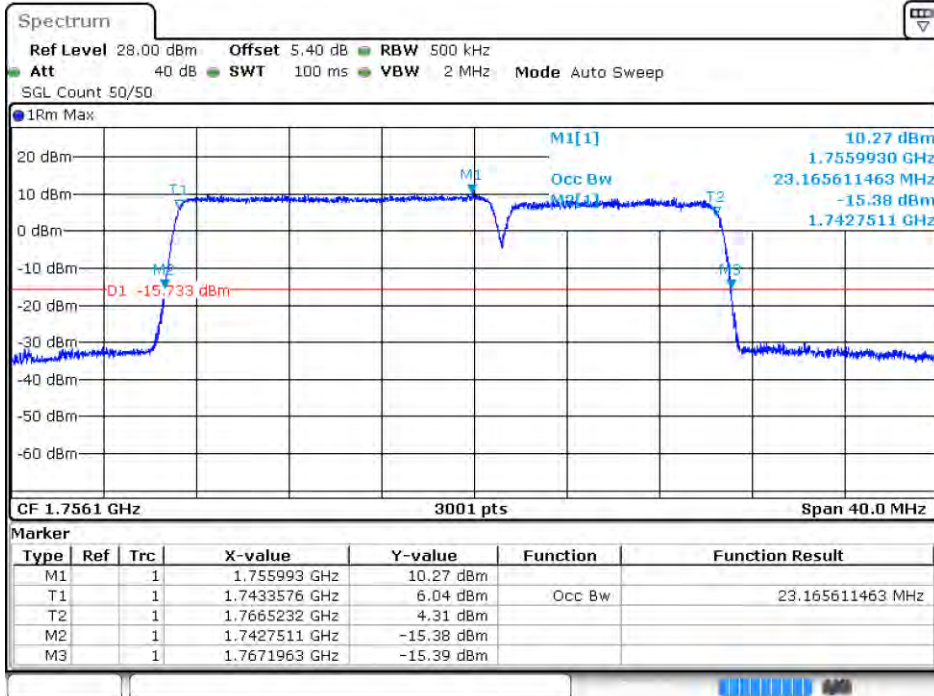


CA_66C_75RB+50RB_64QAM_132047+132167_75RB#0+50RB#0



Date: 25.MAY.2021 03:37:42

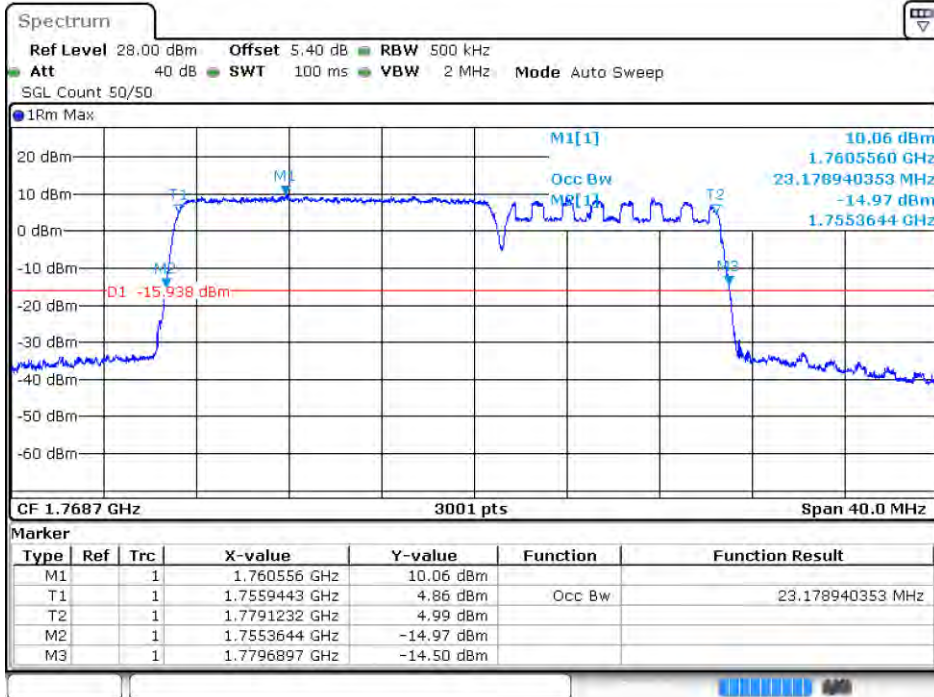
CA_66C_75RB+50RB_64QAM_132373+132493_75RB#0+50RB#0



Date: 25.MAY.2021 03:38:23

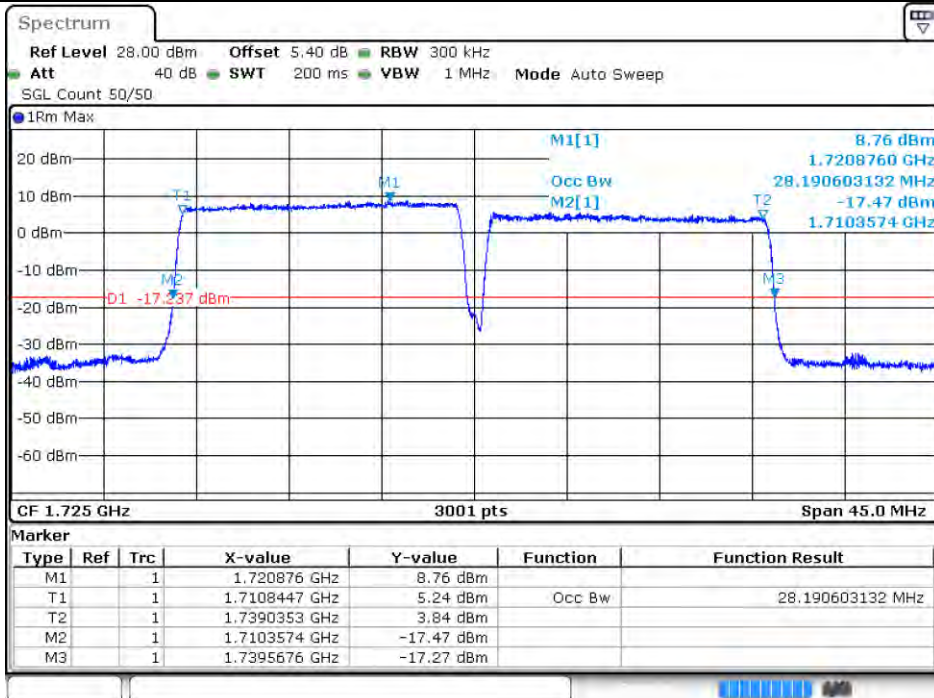


CA_66C_75RB+50RB_64QAM_132499+132619_75RB#0+50RB#0



Date: 25.MAY.2021 03:39:53

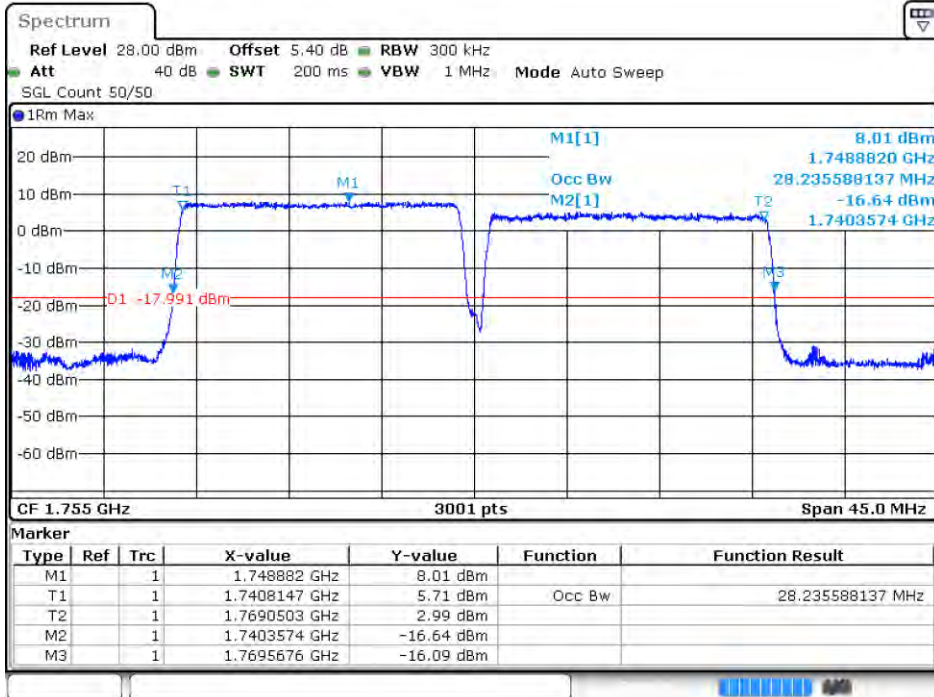
CA_66C_75RB+75RB_QPSK_132047+132197_75RB#0+75RB#0



Date: 25.MAY.2021 03:51:10

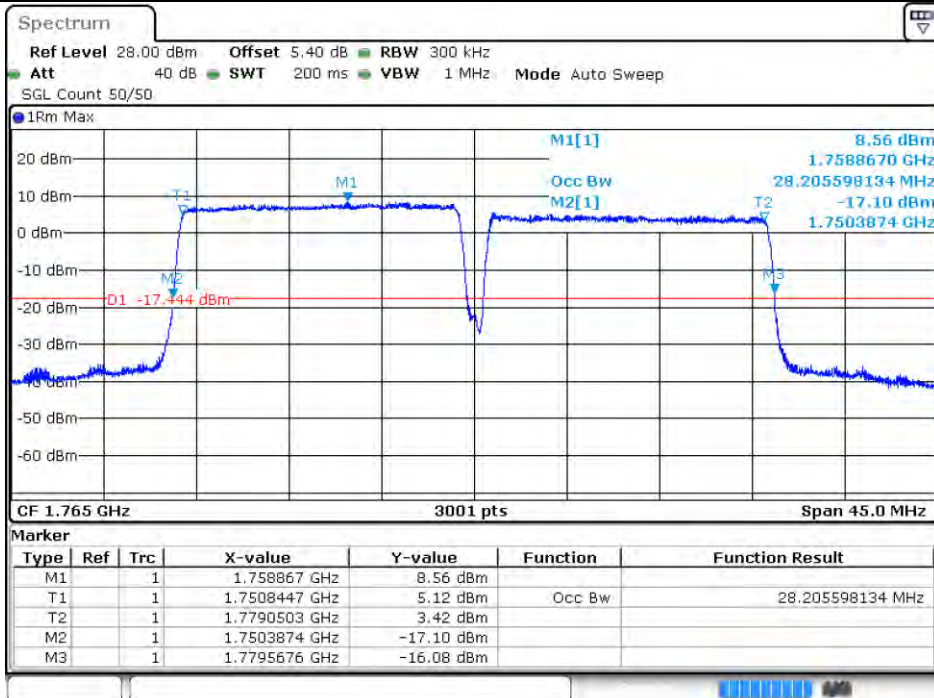


CA_66C_75RB+75RB_QPSK_132347+132497_75RB#0+75RB#0



Date: 25.MAY.2021 03:52:02

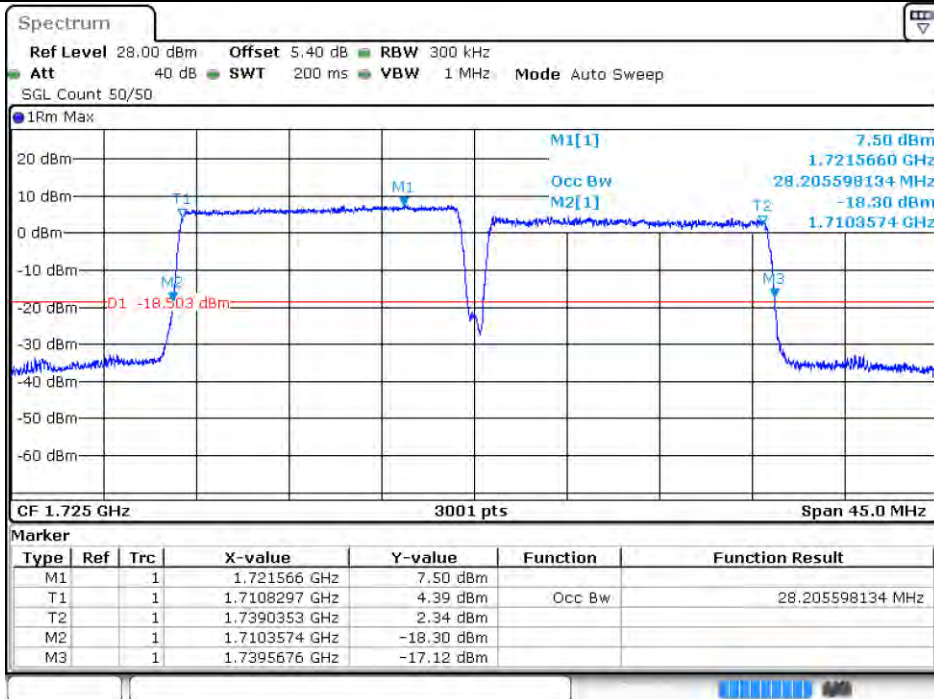
CA_66C_75RB+75RB_QPSK_132447+132597_75RB#0+75RB#0



Date: 25.MAY.2021 03:52:57

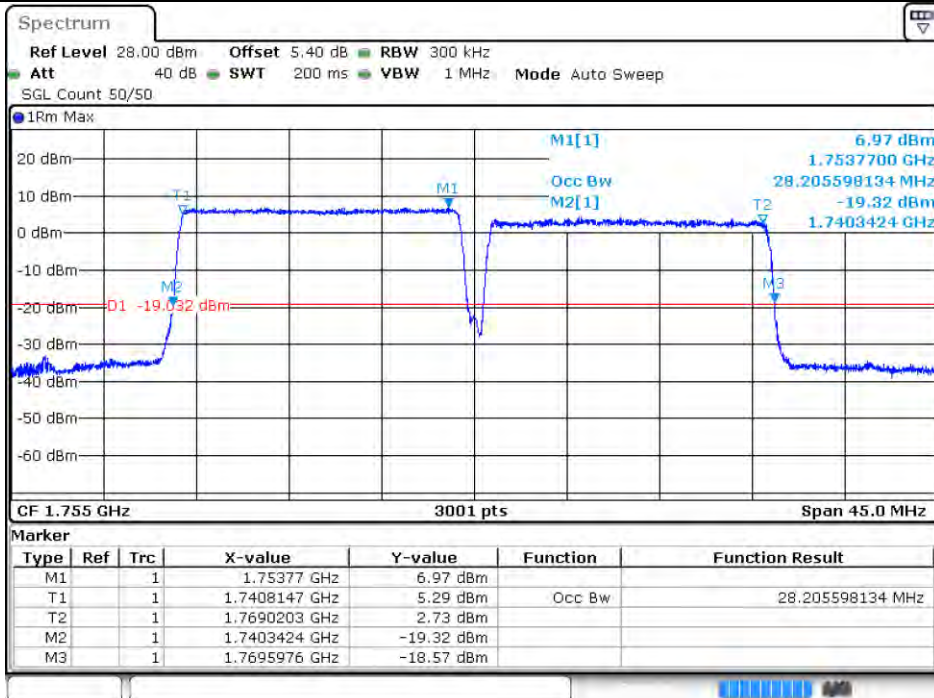


CA_66C_75RB+75RB_16QAM_132047+132197_75RB#0+75RB#0



Date: 25.MAY.2021 03:51:27

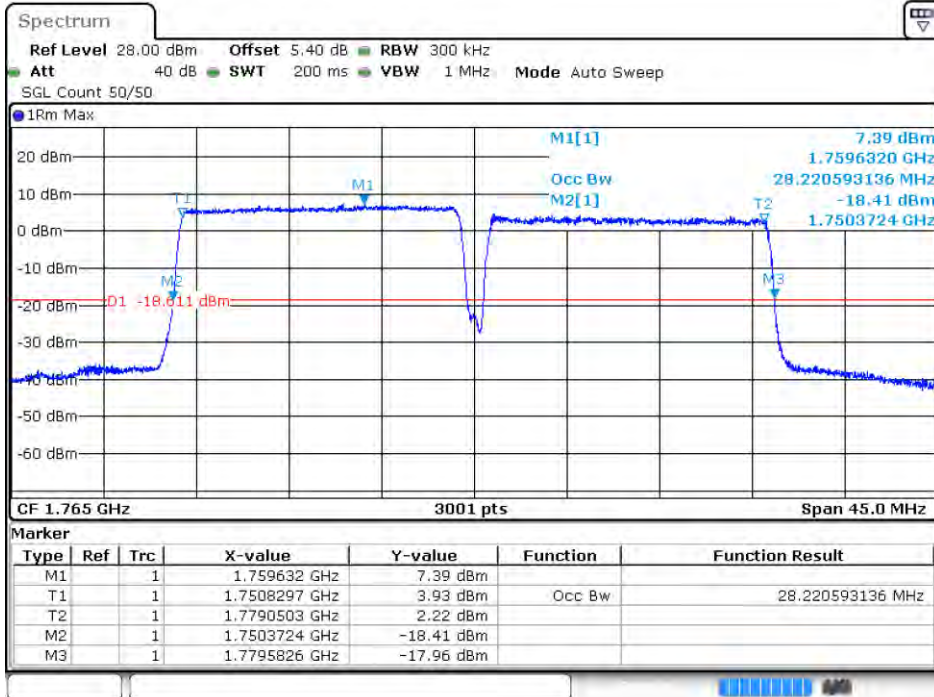
CA_66C_75RB+75RB_16QAM_132347+132497_75RB#0+75RB#0



Date: 25.MAY.2021 03:52:19

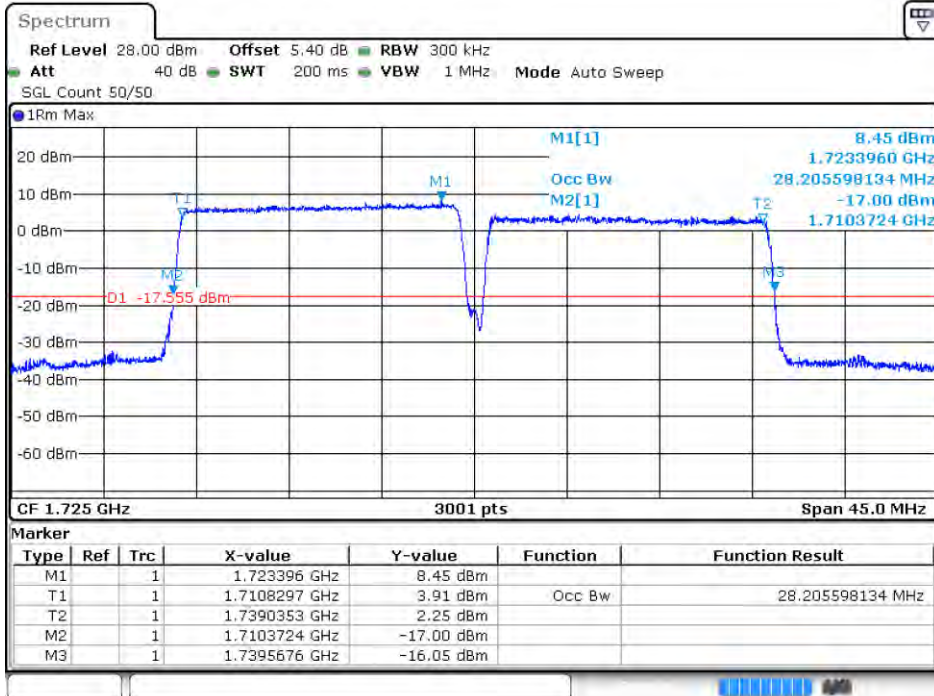


CA_66C_75RB+75RB_16QAM_132447+132597_75RB#0+75RB#0



Date: 25.MAY.2021 03:53:13

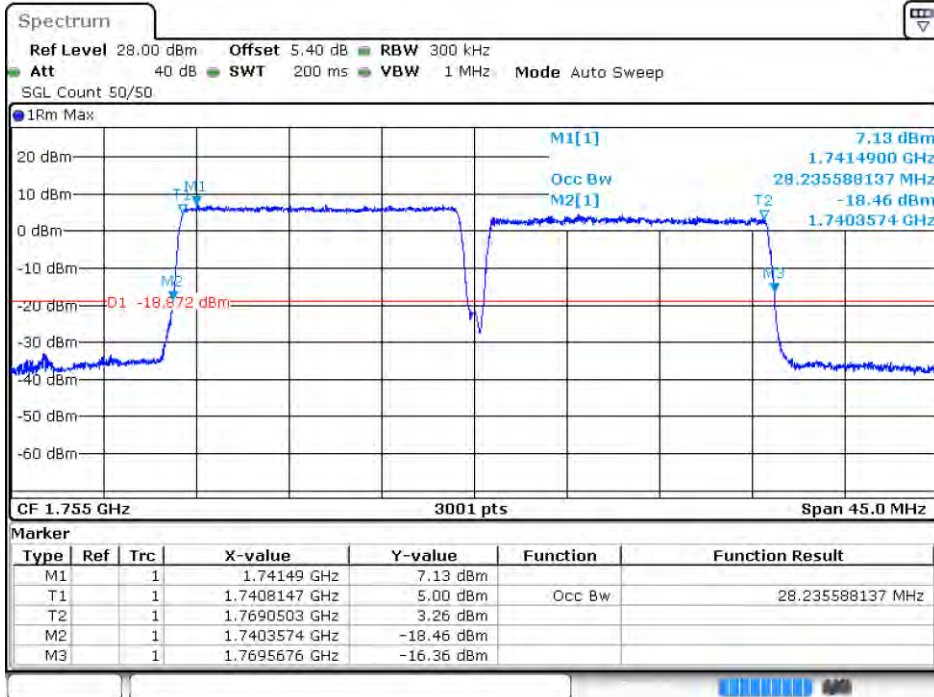
CA_66C_75RB+75RB_64QAM_132047+132197_75RB#0+75RB#0



Date: 25.MAY.2021 03:51:43

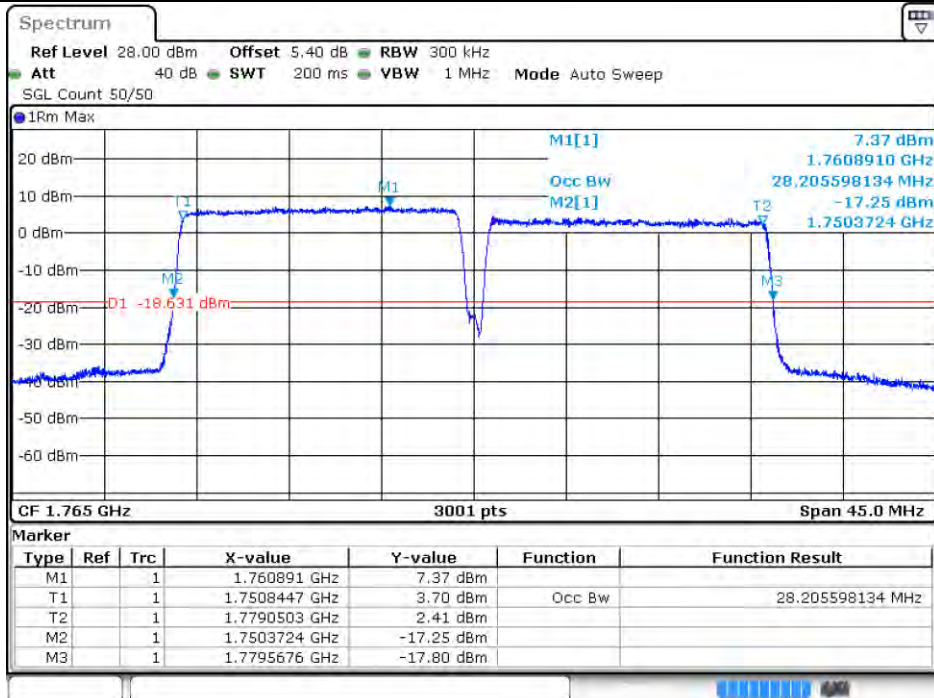


CA_66C_75RB+75RB_64QAM_132347+132497_75RB#0+75RB#0



Date: 25.MAY.2021 03:52:35

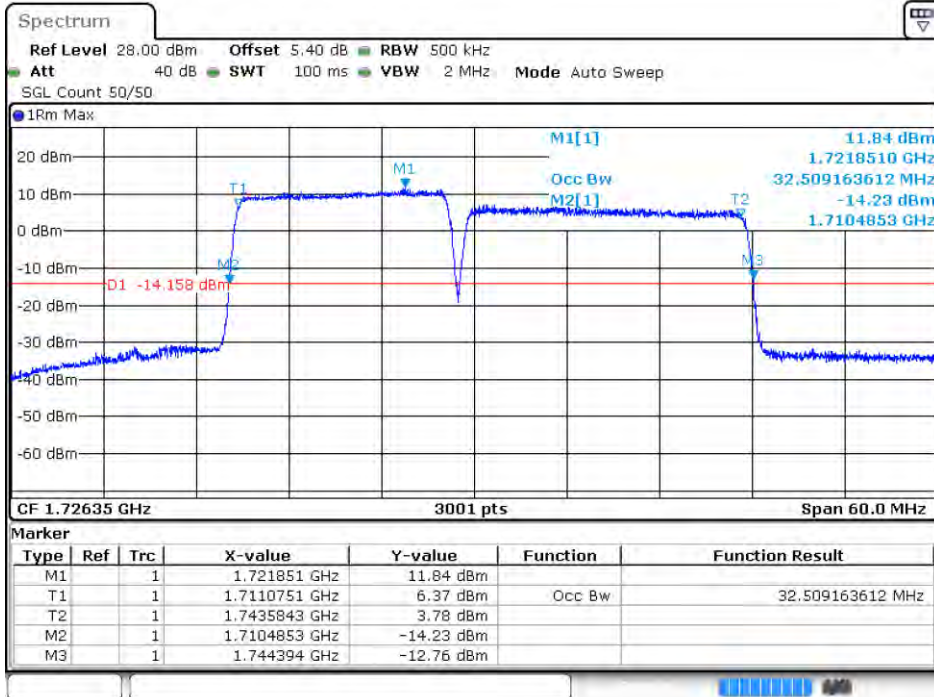
CA_66C_75RB+75RB_64QAM_132447+132597_75RB#0+75RB#0



Date: 25.MAY.2021 03:53:30

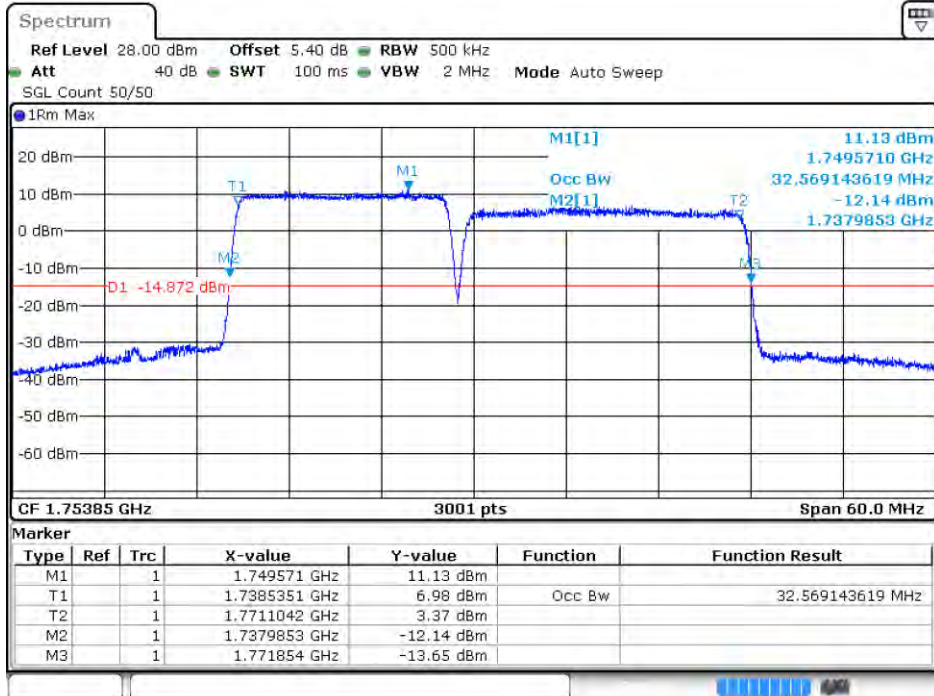


CA_66C_75RB+100RB_QPSK_132050+132221_75RB#0+100RB#0



Date: 25.MAY.2021 03:53:55

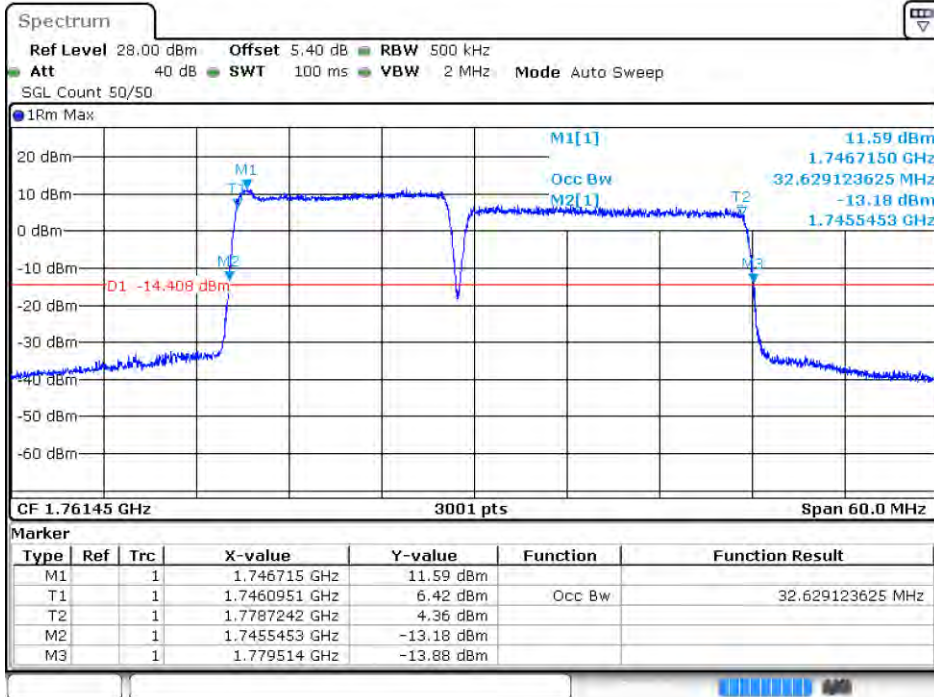
CA_66C_75RB+100RB_QPSK_132325+132496_75RB#0+100RB#0



Date: 25.MAY.2021 03:55:34

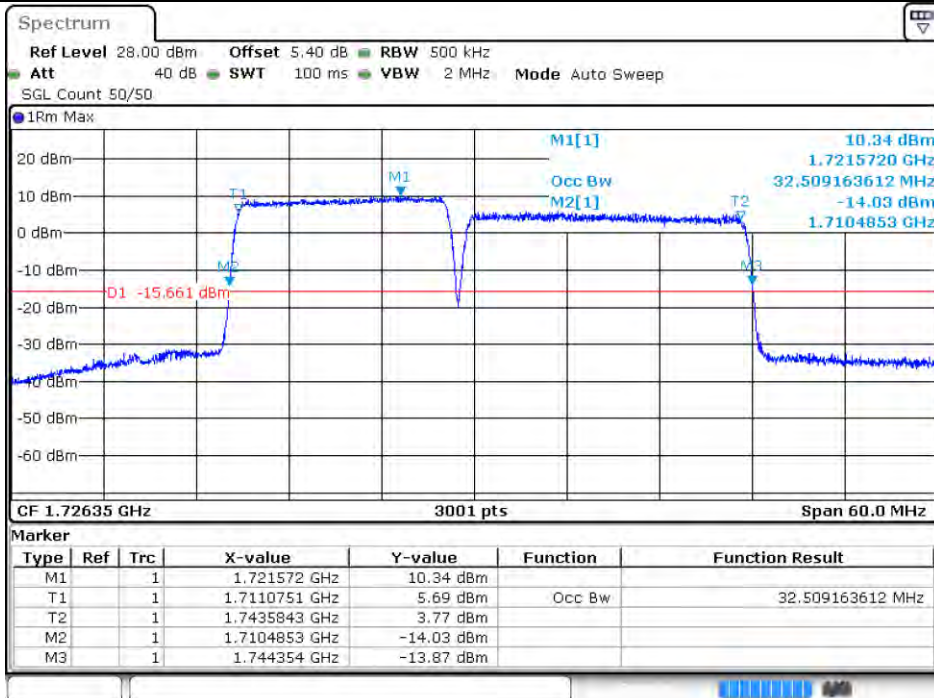


CA_66C_75RB+100RB_QPSK_132401+132572_75RB#0+100RB#0



Date: 25.MAY.2021 03:56:51

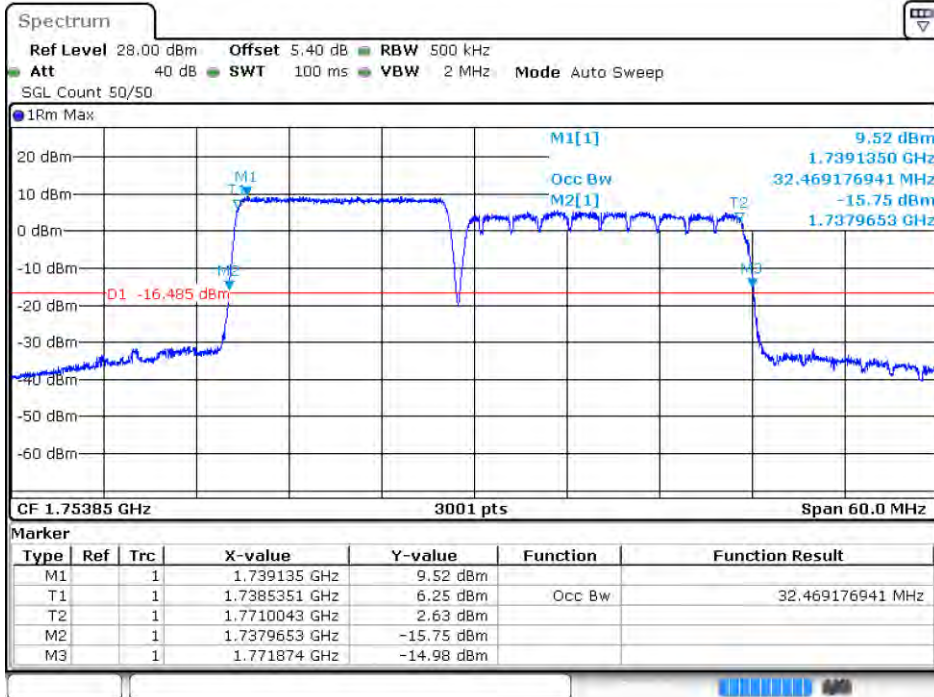
CA_66C_75RB+100RB_16QAM_132050+132221_75RB#0+100RB#0



Date: 25.MAY.2021 03:54:07

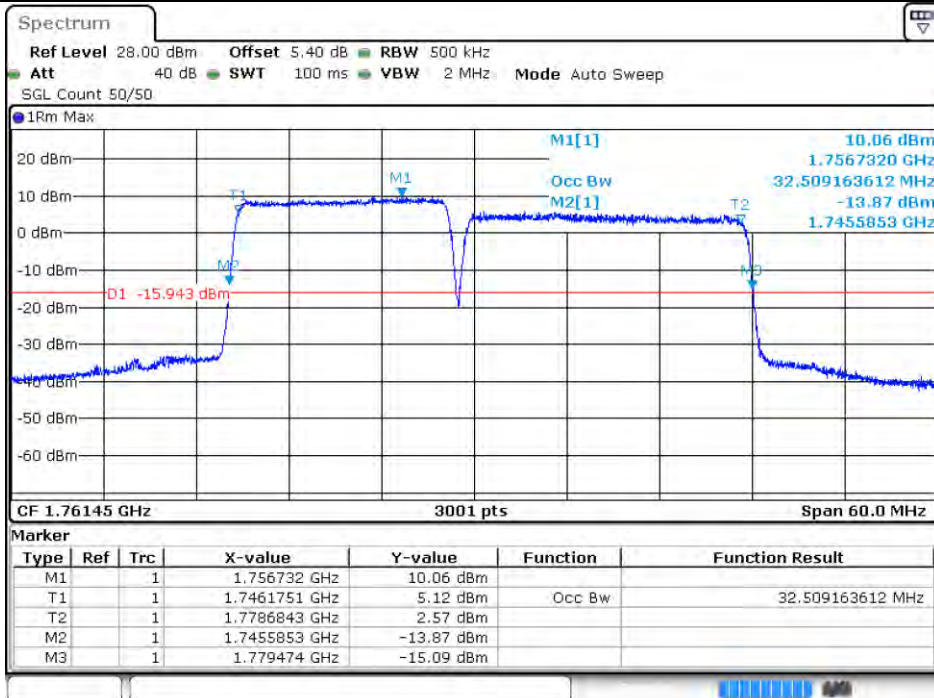


CA_66C_75RB+100RB_16QAM_132325+132496_75RB#0+100RB#0



Date: 25.MAY.2021 03:55:52

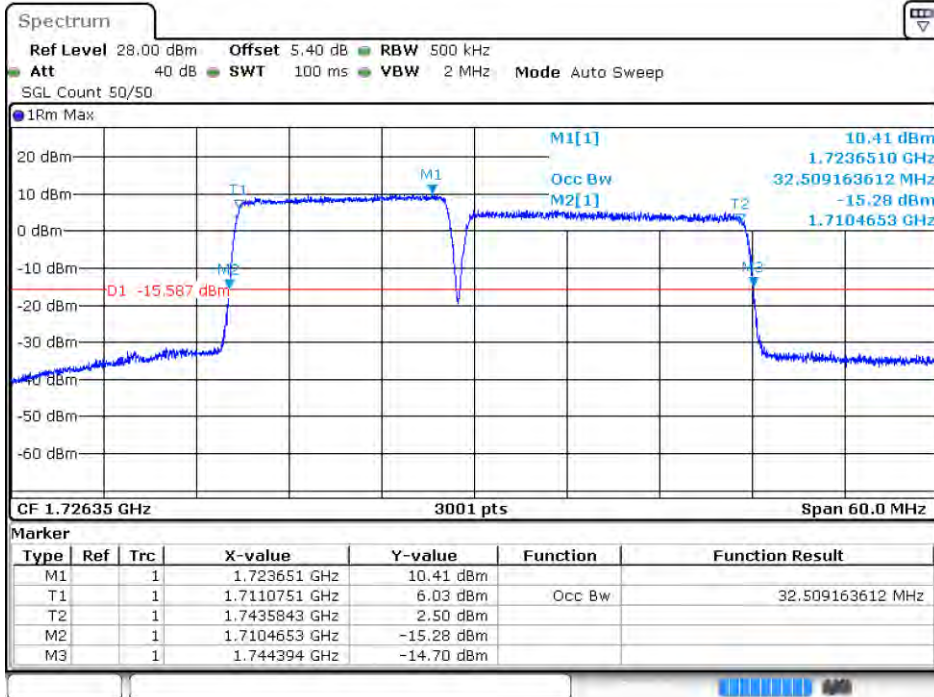
CA_66C_75RB+100RB_16QAM_132401+132572_75RB#0+100RB#0



Date: 25.MAY.2021 03:57:04

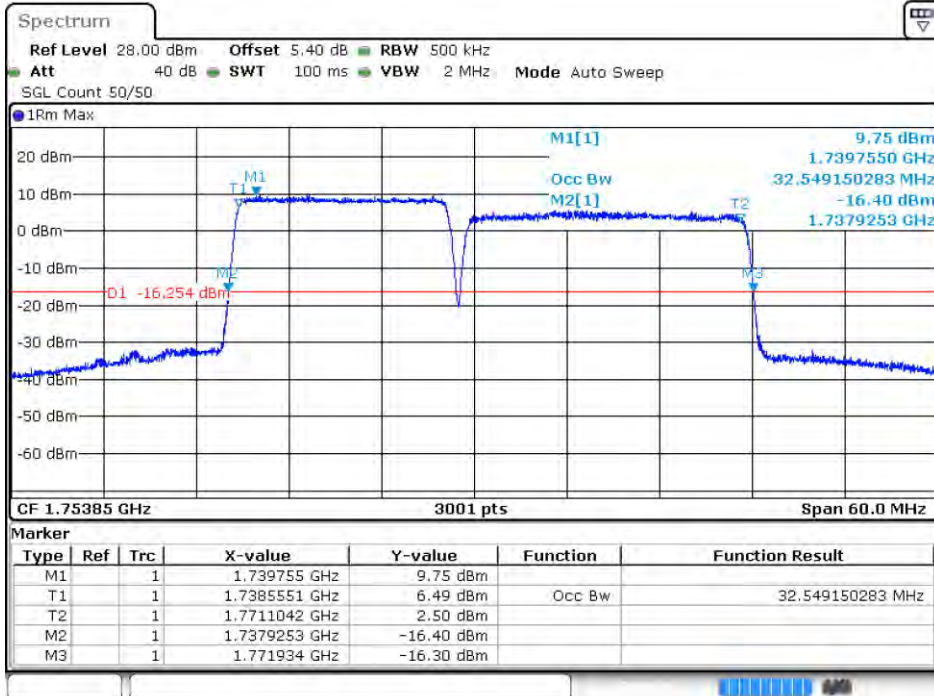


CA_66C_75RB+100RB_64QAM_132050+132221_75RB#0+100RB#0



Date: 25.MAY.2021 03:54:20

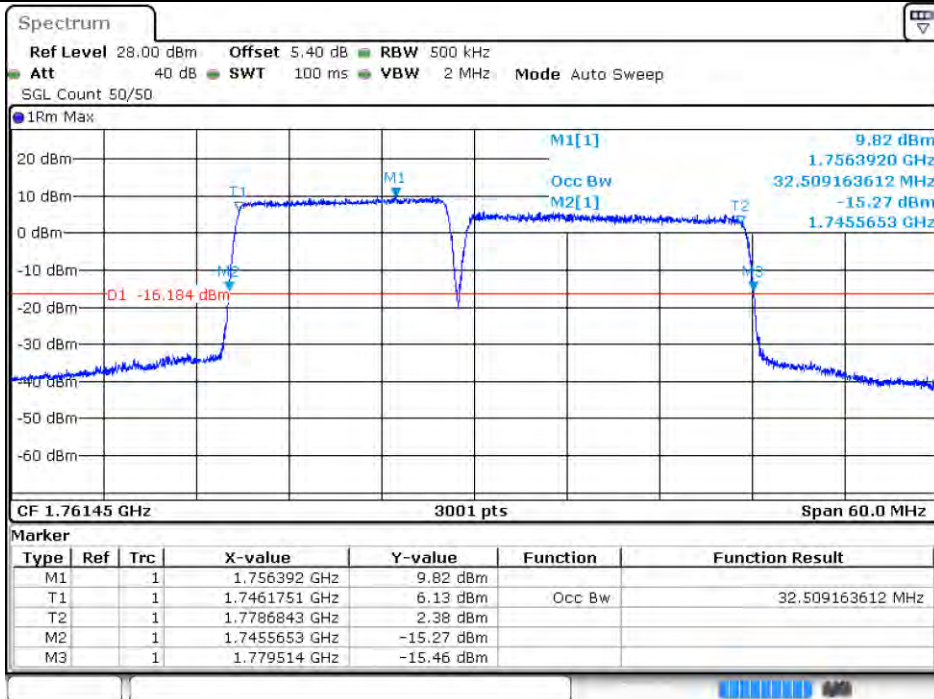
CA_66C_75RB+100RB_64QAM_132325+132496_75RB#0+100RB#0



Date: 25.MAY.2021 03:56:04

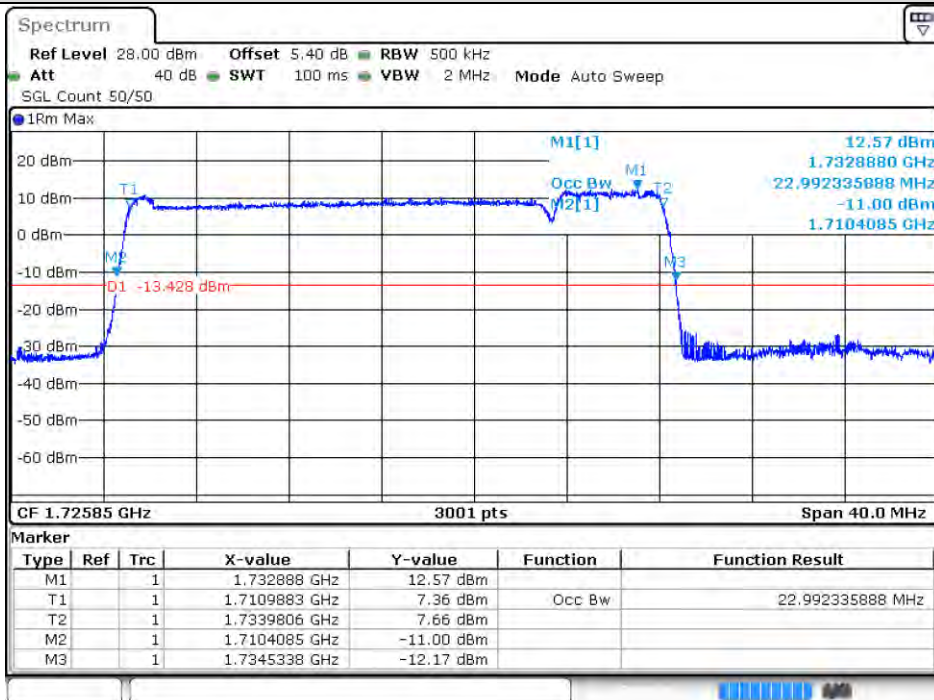


CA_66C_75RB+100RB_64QAM_132401+132572_75RB#0+100RB#0



Date: 25.MAY.2021 03:57:17

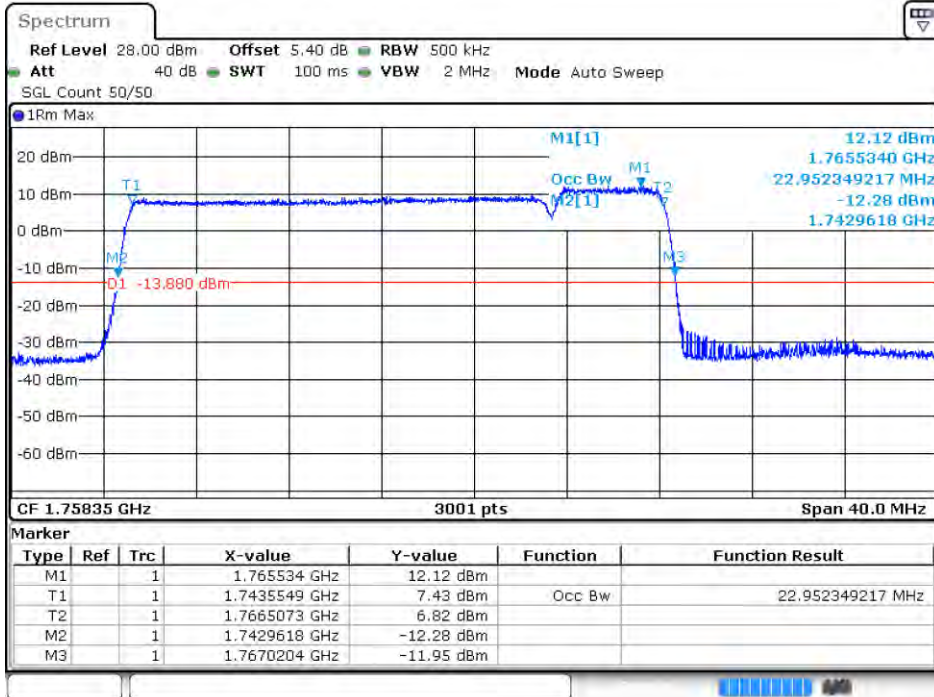
CA_66C_100RB+25RB_QPSK_132072+132189_100RB#0+25RB#0



Date: 25.MAY.2021 04:03:42

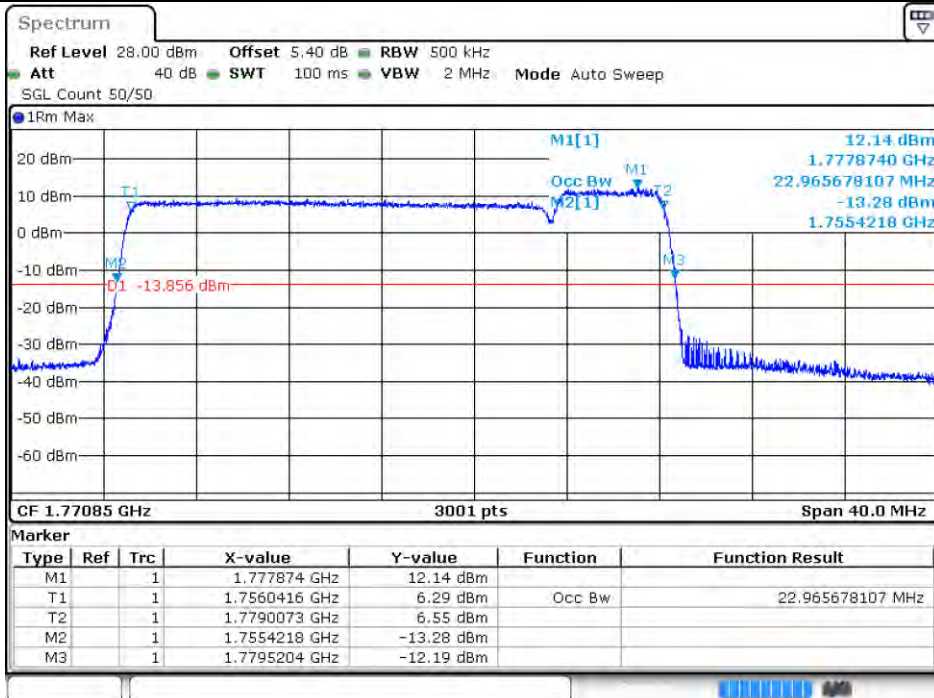


CA_66C_100RB+25RB_QPSK_132397+132514_100RB#0+25RB#0



Date: 25.MAY.2021 04:04:23

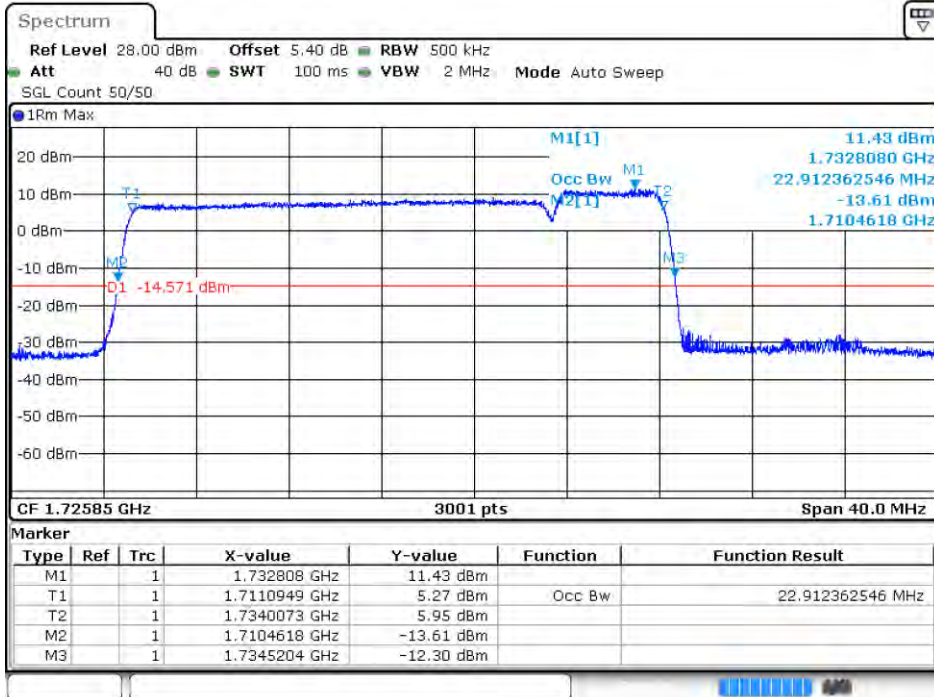
CA_66C_100RB+25RB_QPSK_132522+132639_100RB#0+25RB#0



Date: 25.MAY.2021 04:05:48

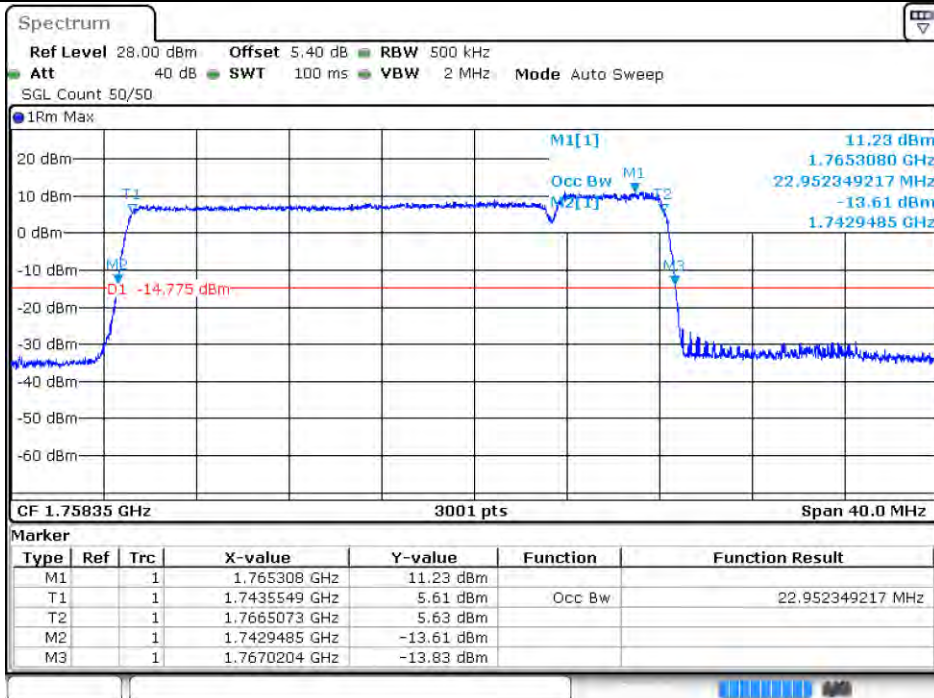


CA_66C_100RB+25RB_16QAM_132072+132189_100RB#0+25RB#0



Date: 25.MAY.2021 04:03:54

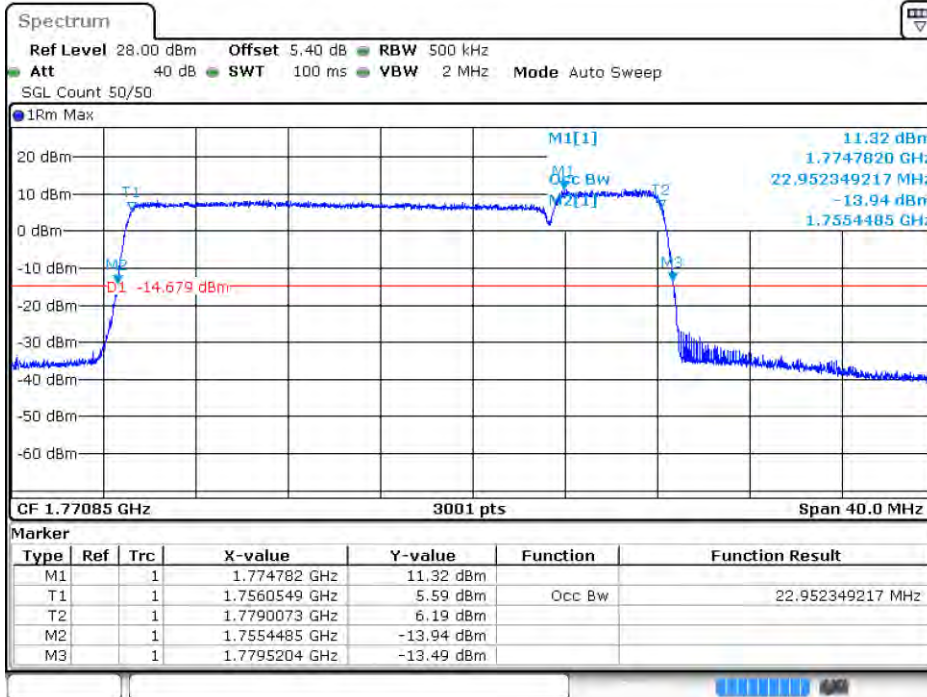
CA_66C_100RB+25RB_16QAM_132397+132514_100RB#0+25RB#0



Date: 25.MAY.2021 04:04:35

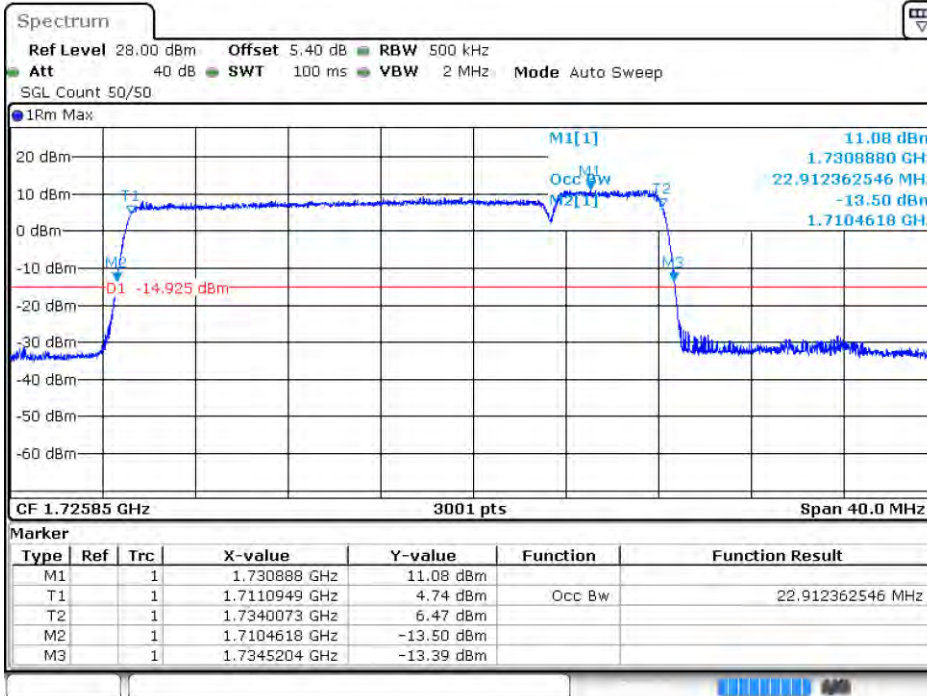


CA_66C_100RB+25RB_16QAM_132522+132639_100RB#0+25RB#0



Date: 25.MAY.2021 04:06:00

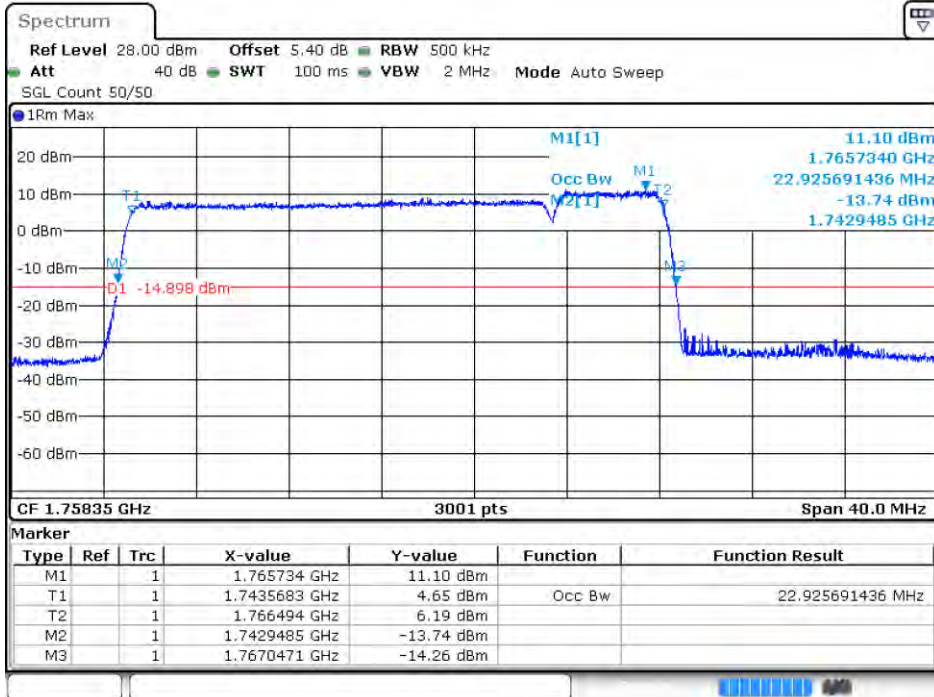
CA_66C_100RB+25RB_64QAM_132072+132189_100RB#0+25RB#0



Date: 25.MAY.2021 04:04:06

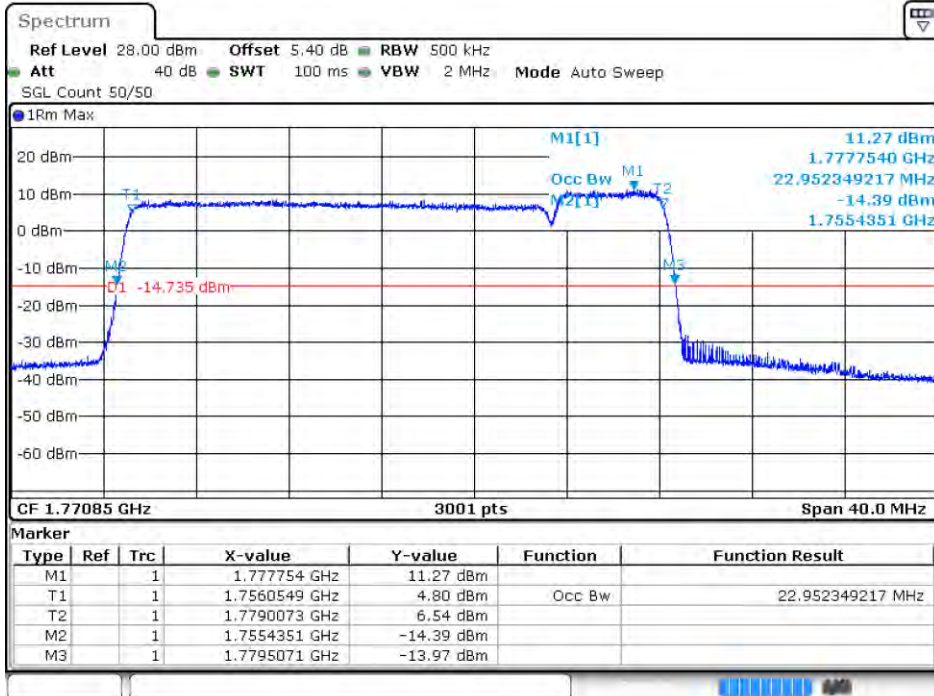


CA_66C_100RB+25RB_64QAM_132397+132514_100RB#0+25RB#0



Date: 25.MAY.2021 04:04:47

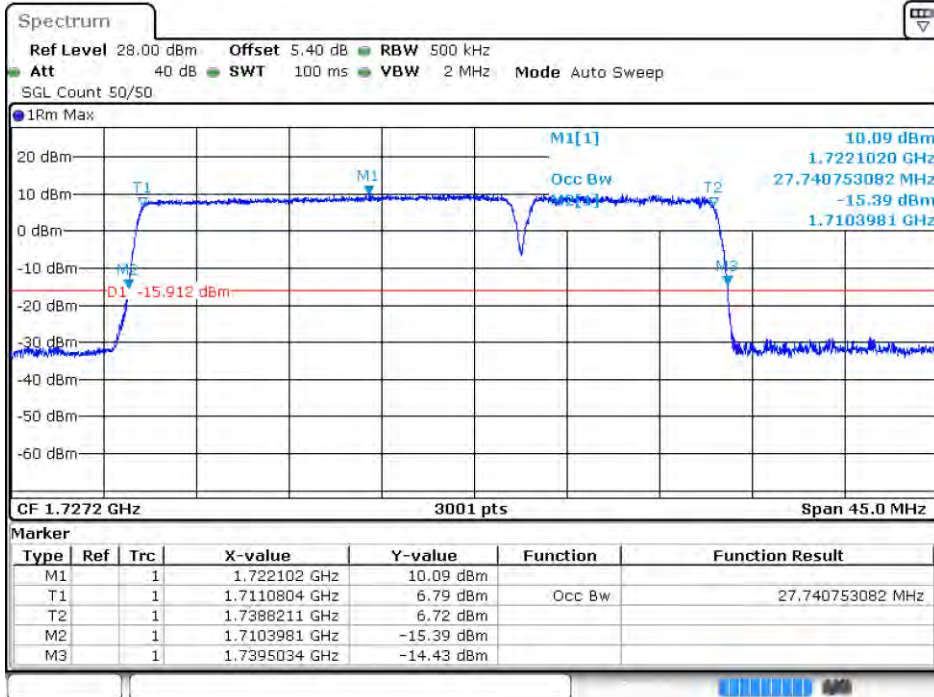
CA_66C_100RB+25RB_64QAM_132522+132639_100RB#0+25RB#0



Date: 25.MAY.2021 04:06:11

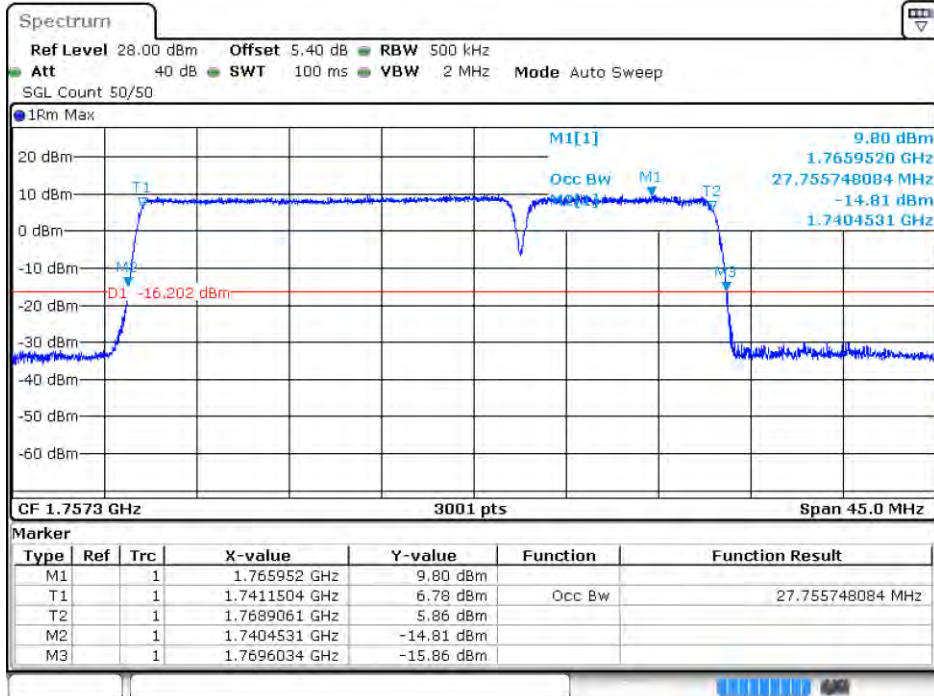


CA_66C_100RB+50RB_QPSK_132072+132216_100RB#0+50RB#0



Date: 25.MAY.2021 03:43:54

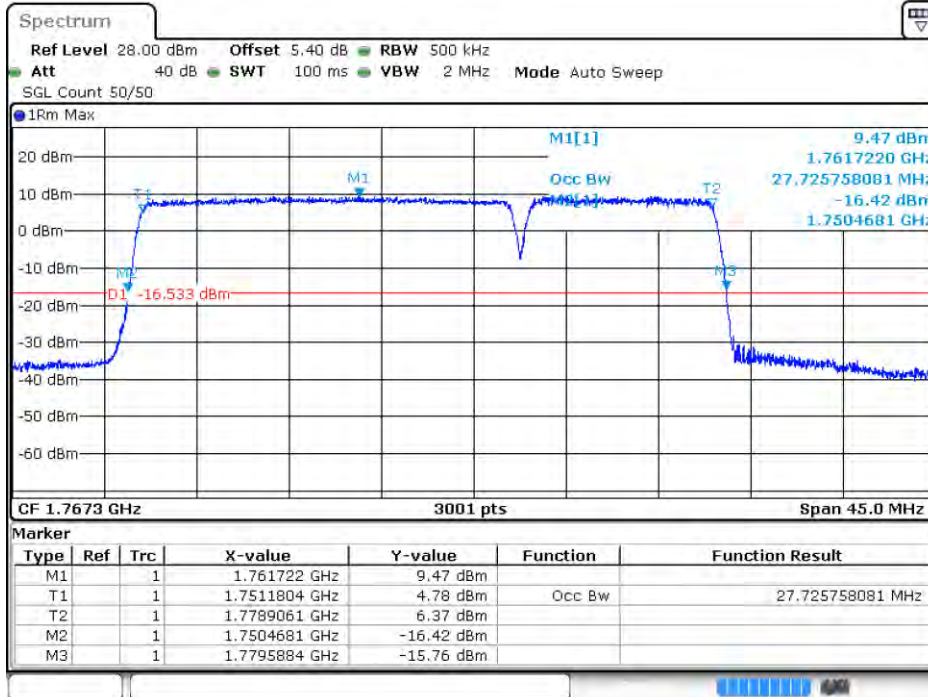
CA_66C_100RB+50RB_QPSK_132373+132517_100RB#0+50RB#0



Date: 25.MAY.2021 03:44:32

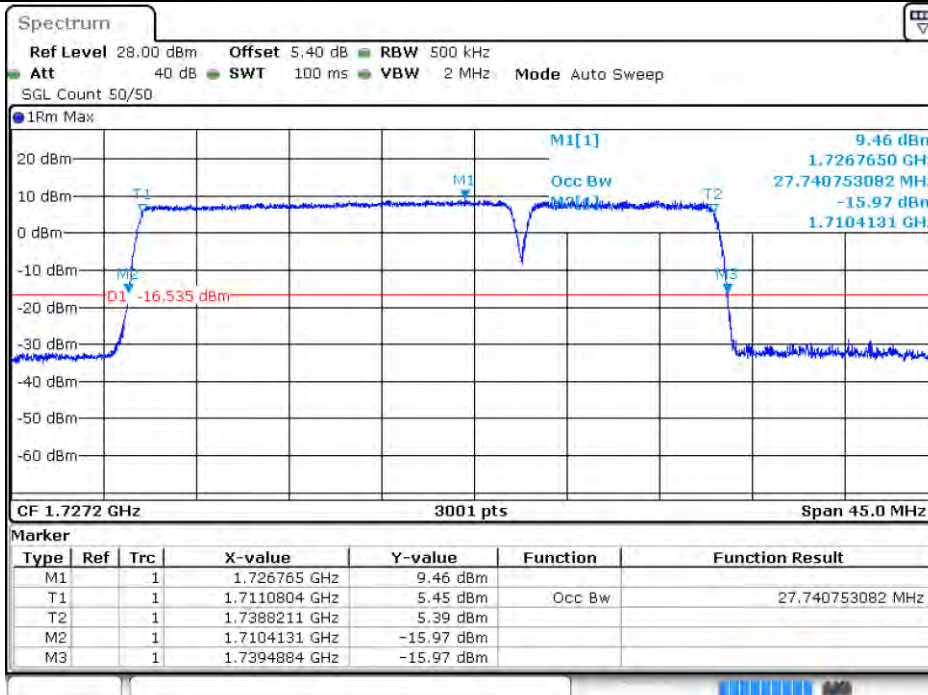


CA_66C_100RB+50RB_QPSK_132473+132617_100RB#0+50RB#0



Date: 25.MAY.2021 03:50:18

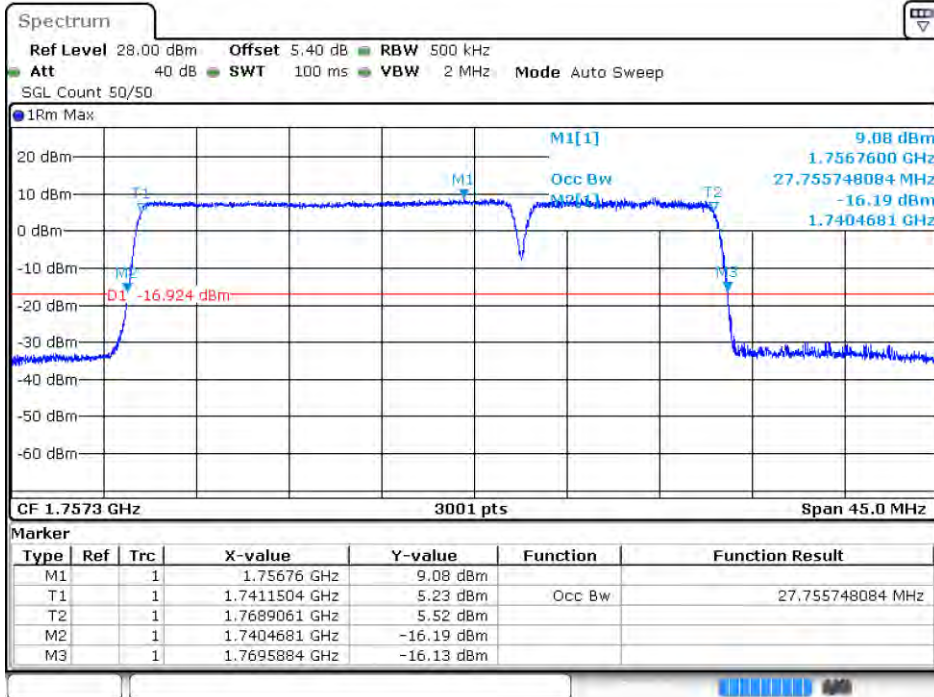
CA_66C_100RB+50RB_16QAM_132072+132216_100RB#0+50RB#0



Date: 25.MAY.2021 03:44:06

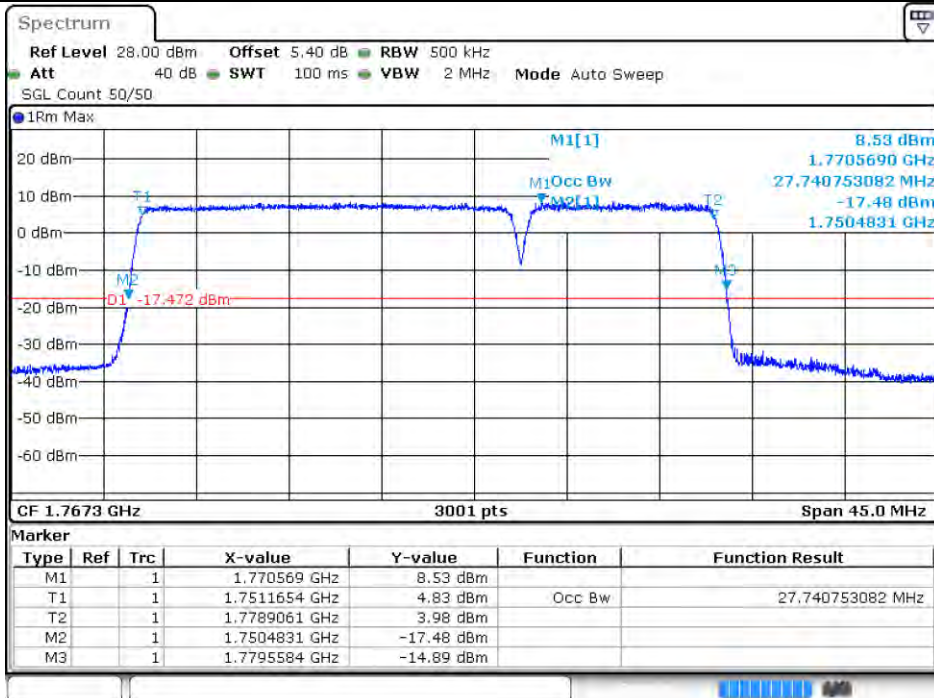


CA_66C_100RB+50RB_16QAM_132373+132517_100RB#0+50RB#0



Date: 25.MAY.2021 03:44:44

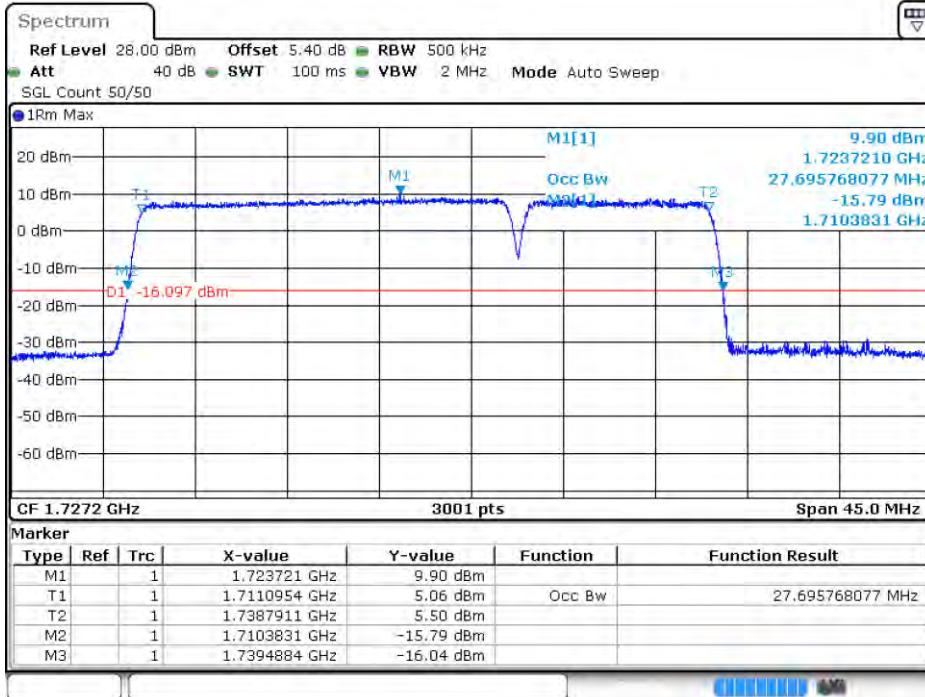
CA_66C_100RB+50RB_16QAM_132473+132617_100RB#0+50RB#0



Date: 25.MAY.2021 03:50:29

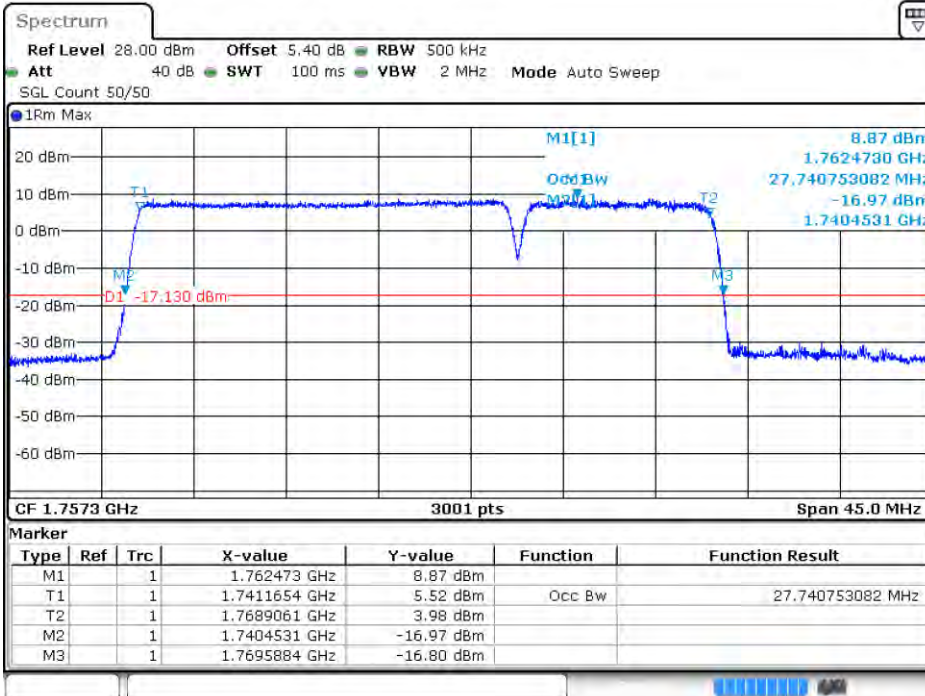


CA_66C_100RB+50RB_64QAM_132072+132216_100RB#0+50RB#0



Date: 25 MAY. 2021 03:44:17

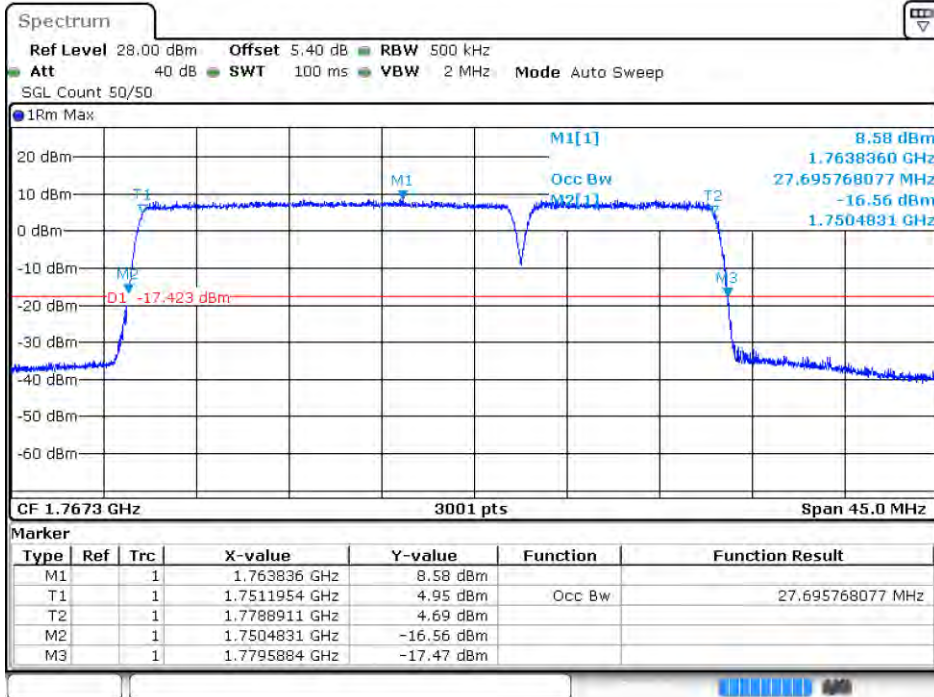
CA_66C_100RB+50RB_64QAM_132373+132517_100RB#0+50RB#0



Date: 25 MAY. 2021 03:44:55

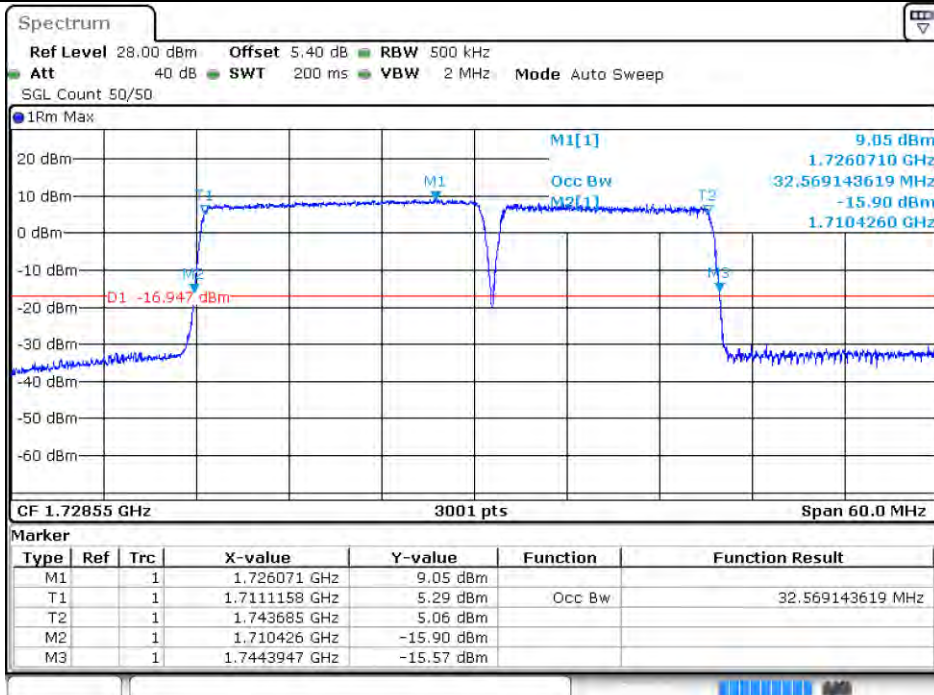


CA_66C_100RB+50RB_64QAM_132473+132617_100RB#0+50RB#0



Date: 25.MAY.2021 03:50:41

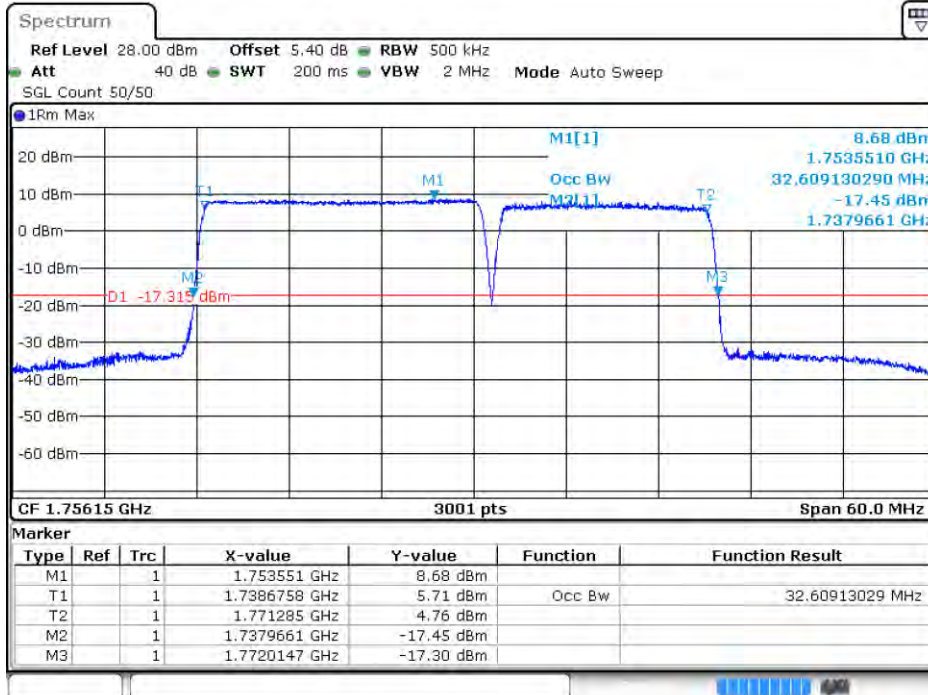
CA_66C_100RB+75RB_QPSK_132072+132243_100RB#0+75RB#0



Date: 25.MAY.2021 03:58:53

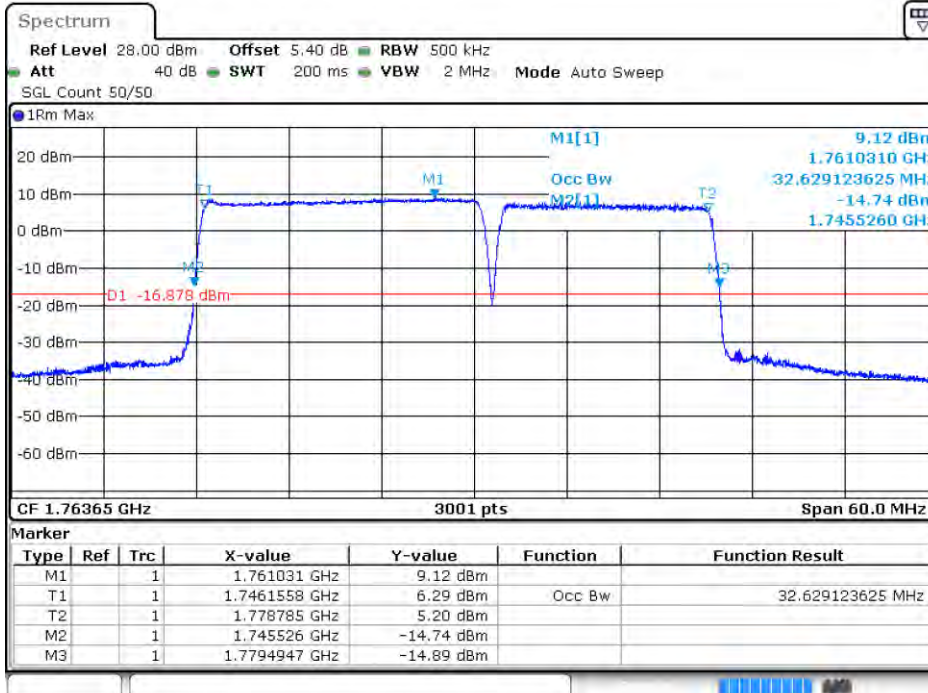


CA_66C_100RB+75RB_QPSK_132348+132519_100RB#0+75RB#0



Date: 25.MAY.2021 04:00:41

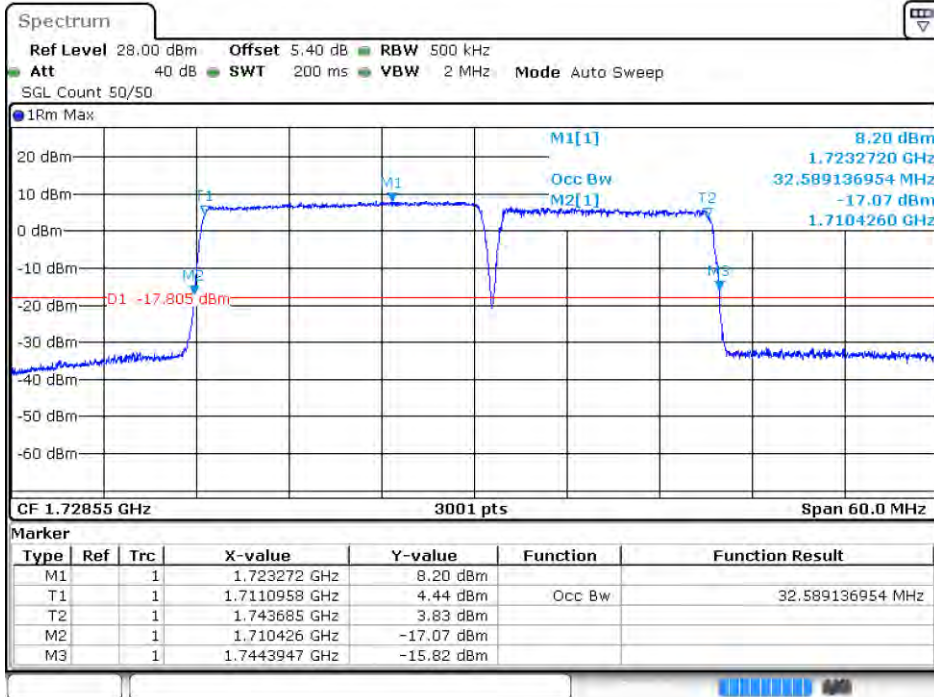
CA_66C_100RB+75RB_QPSK_132423+132594_100RB#0+75RB#0



Date: 25.MAY.2021 04:02:23

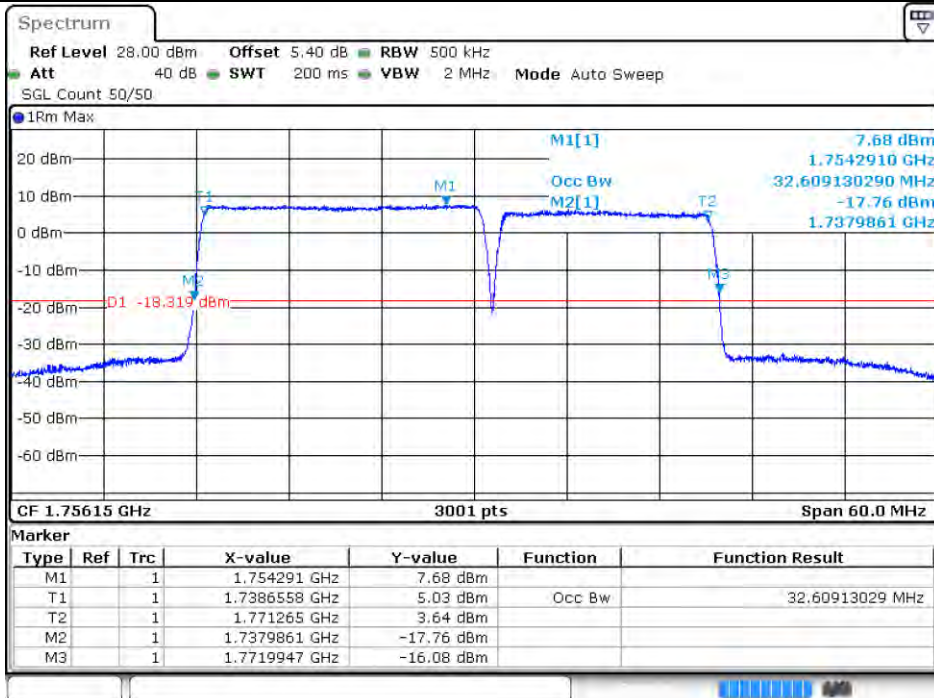


CA_66C_100RB+75RB_16QAM_132072+132243_100RB#0+75RB#0



Date: 25.MAY.2021 03:59:11

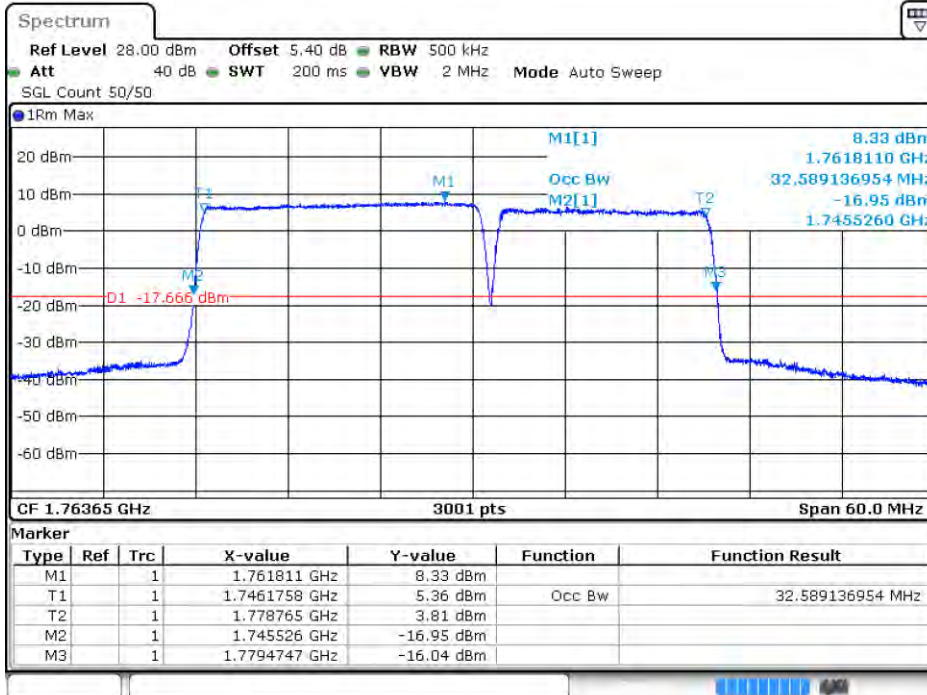
CA_66C_100RB+75RB_16QAM_132348+132519_100RB#0+75RB#0



Date: 25.MAY.2021 04:00:59

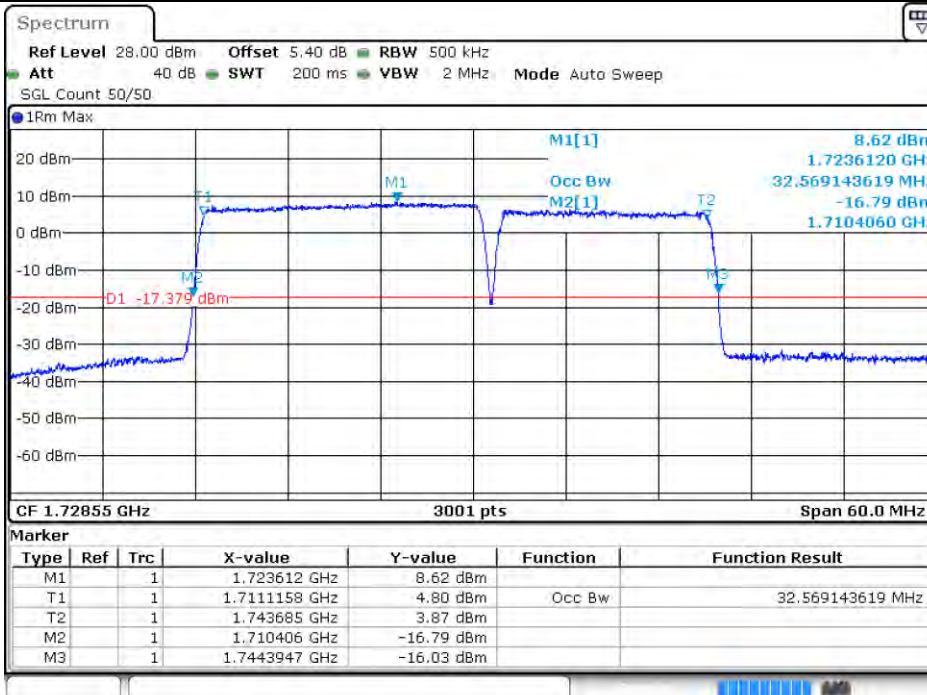


CA_66C_100RB+75RB_16QAM_132423+132594_100RB#0+75RB#0



Date: 25.MAY.2021 04:02:41

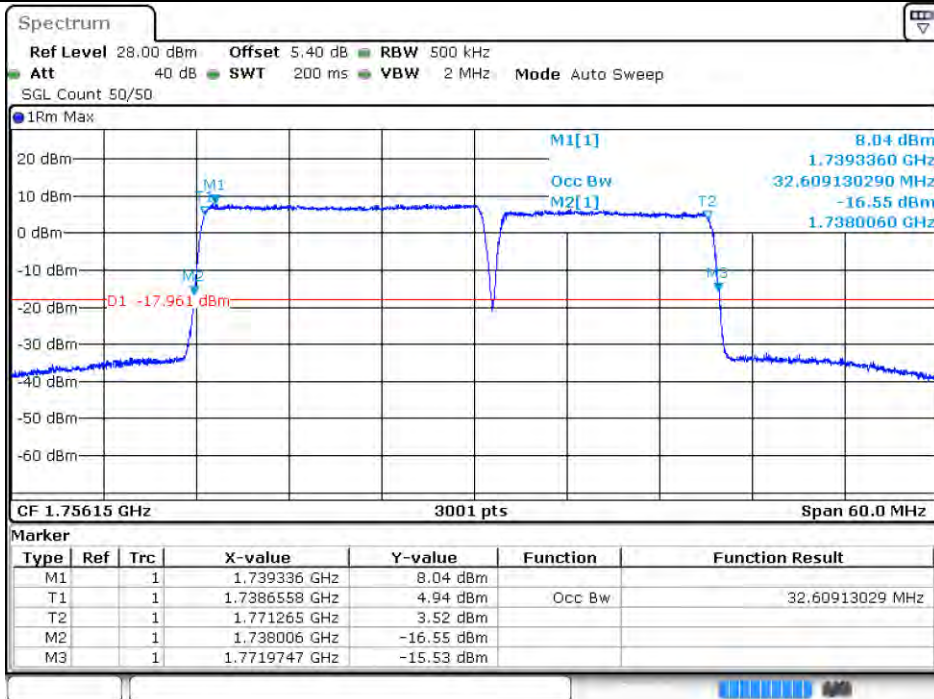
CA_66C_100RB+75RB_64QAM_132072+132243_100RB#0+75RB#0



Date: 25.MAY.2021 03:59:28

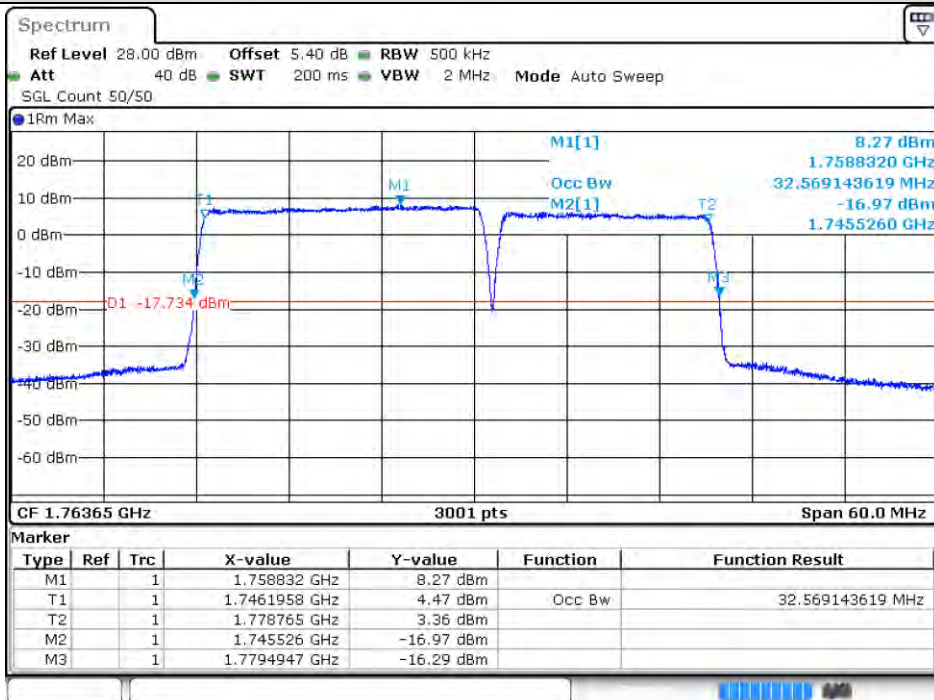


CA_66C_100RB+75RB_64QAM_132348+132519_100RB#0+75RB#0



Date: 25.MAY.2021 04:01:17

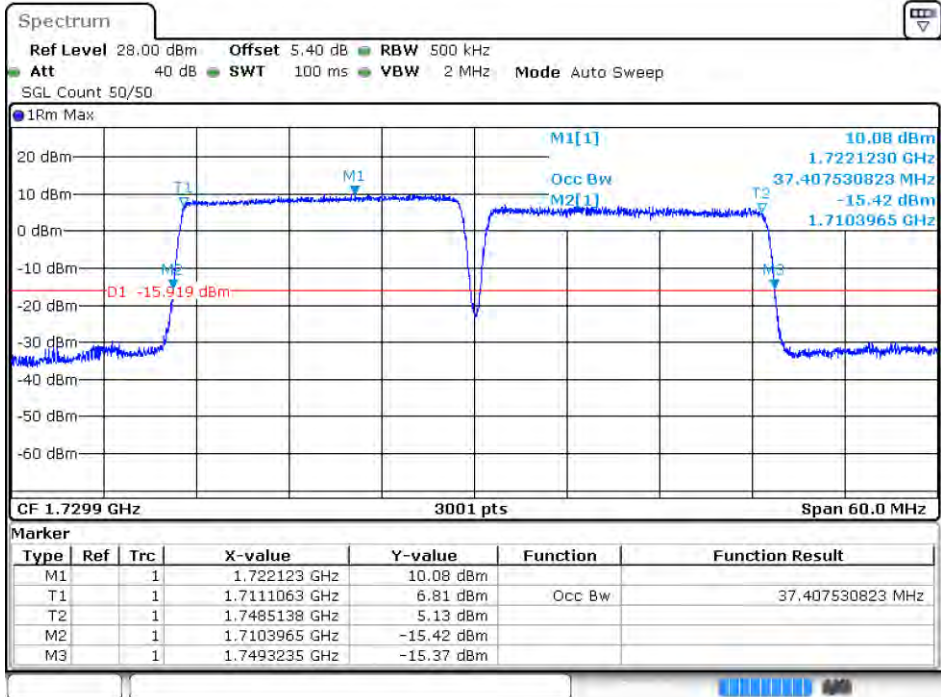
CA_66C_100RB+75RB_64QAM_132423+132594_100RB#0+75RB#0



Date: 25.MAY.2021 04:02:58

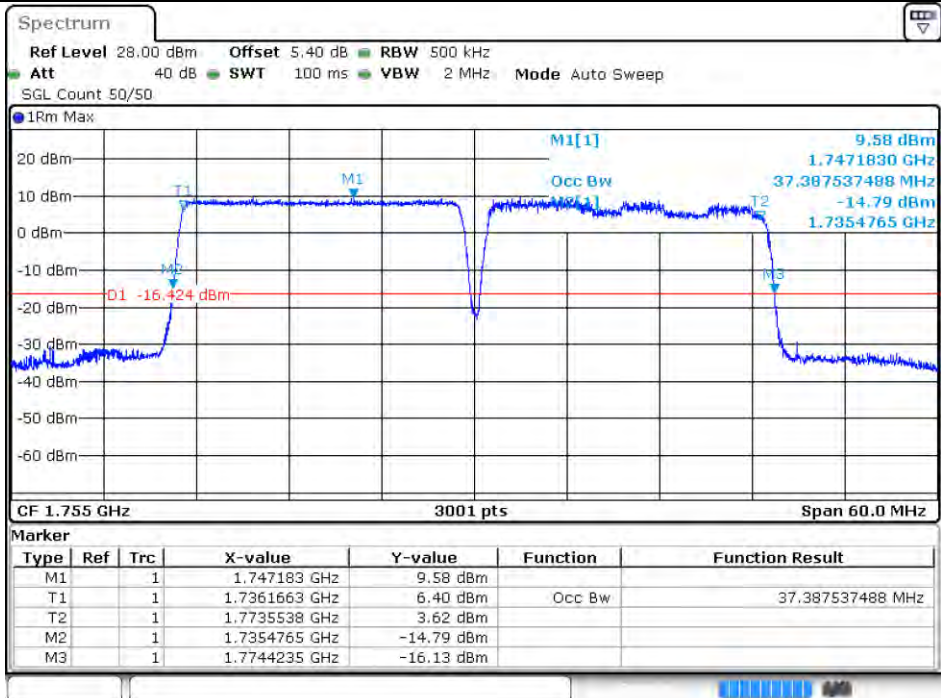


CA_66C_100RB+100RB_QPSK_132072+132270_100RB#0+100RB#0



Date: 25.MAY.2021 04:29:14

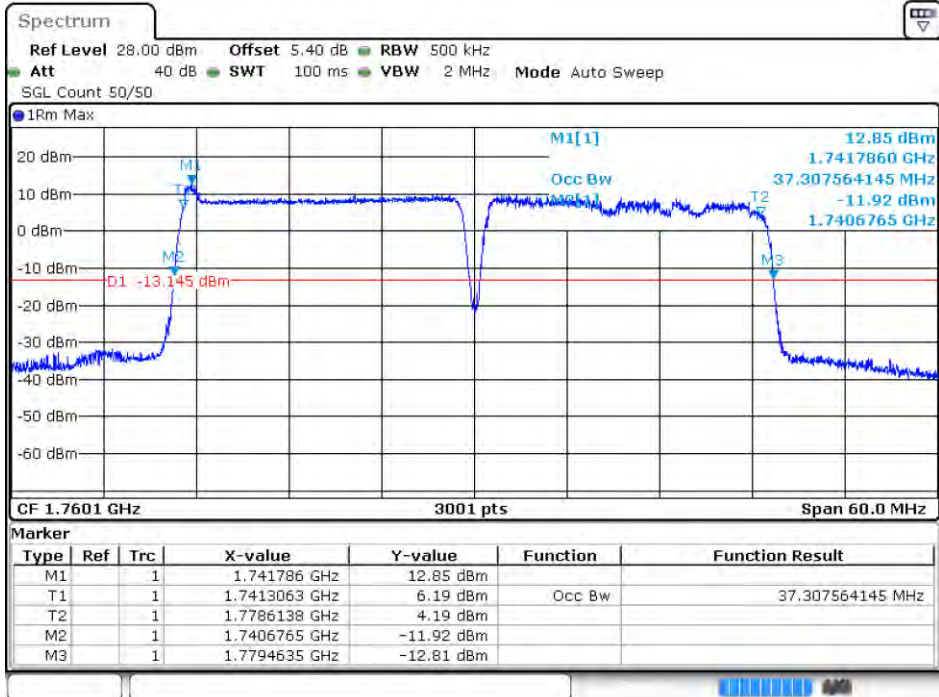
CA_66C_100RB+100RB_QPSK_132323+132521_100RB#0+100RB#0



Date: 25.MAY.2021 04:30:11

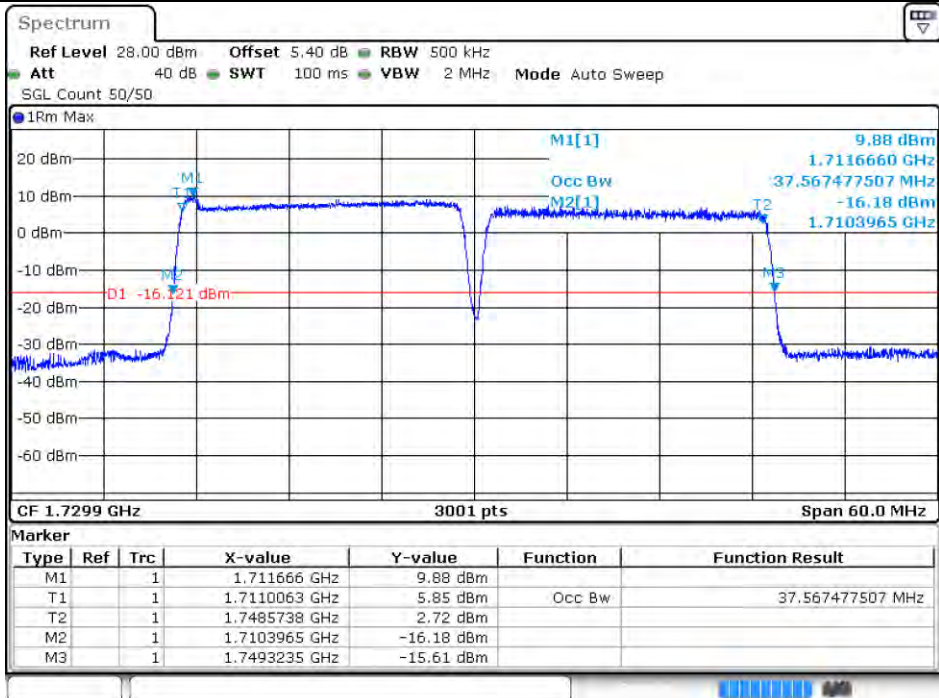


CA_66C_100RB+100RB_QPSK_132374+132572_100RB#0+100RB#0



Date: 25.MAY.2021 04:31:44

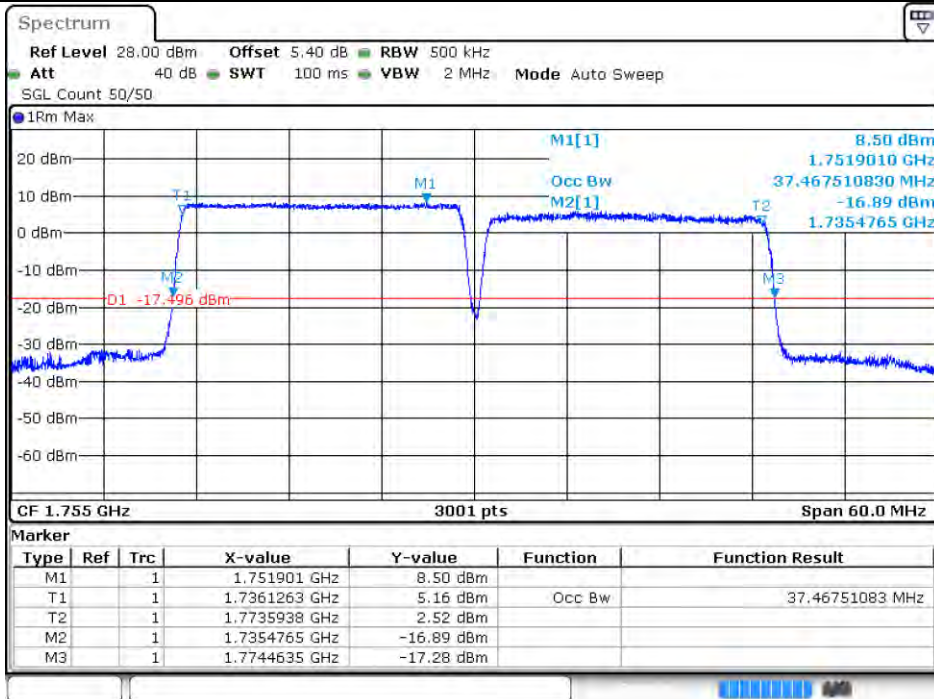
CA_66C_100RB+100RB_16QAM_132072+132270_100RB#0+100RB#0



Date: 25.MAY.2021 04:29:26

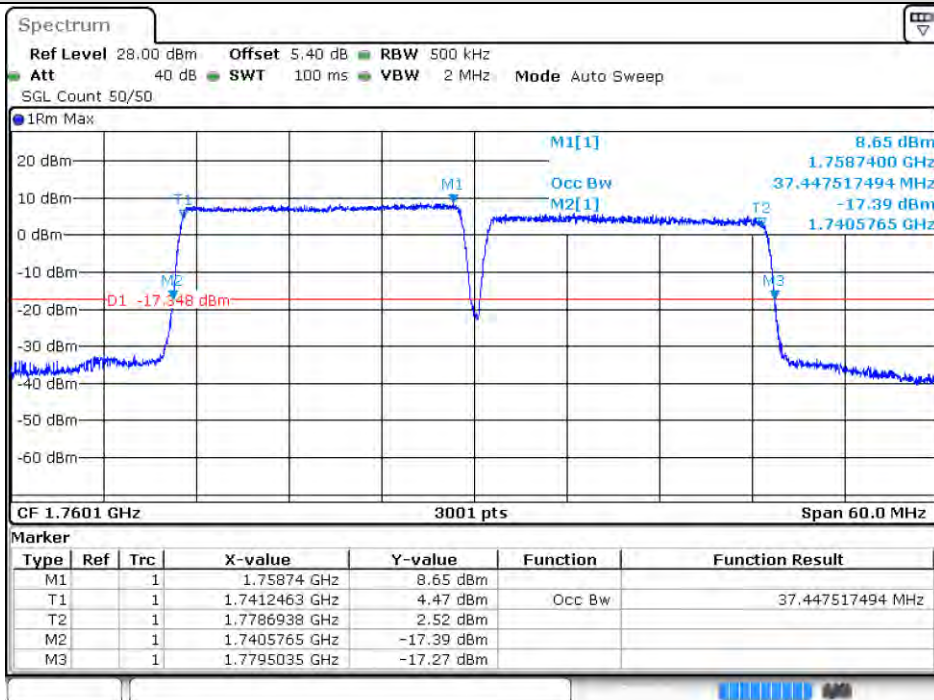


CA_66C_100RB+100RB_16QAM_132323+132521_100RB#0+100RB#0



Date: 25.MAY.2021 04:30:22

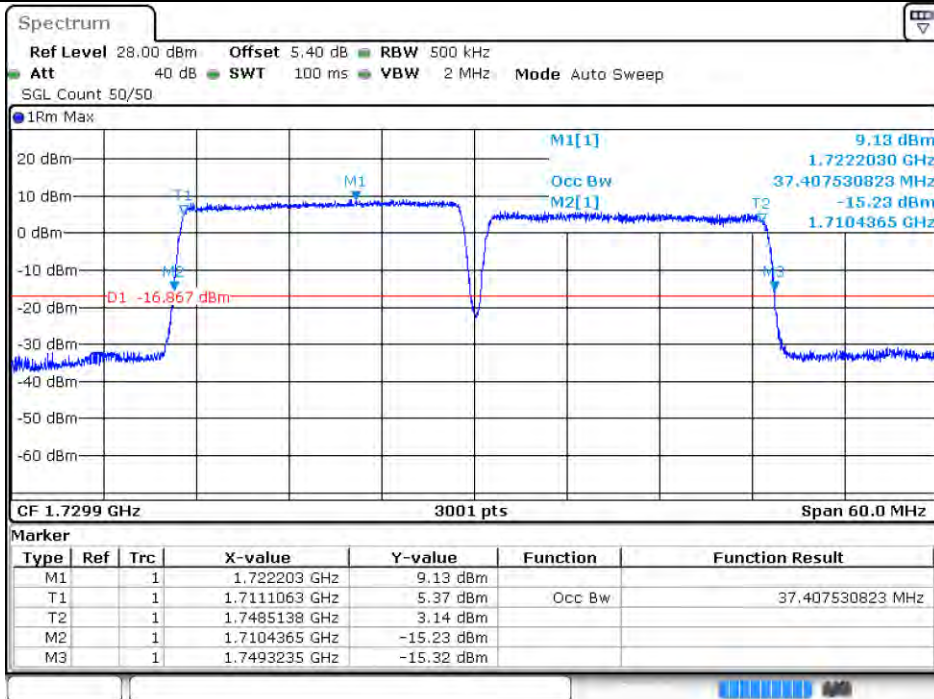
CA_66C_100RB+100RB_16QAM_132374+132572_100RB#0+100RB#0



Date: 25.MAY.2021 04:31:55

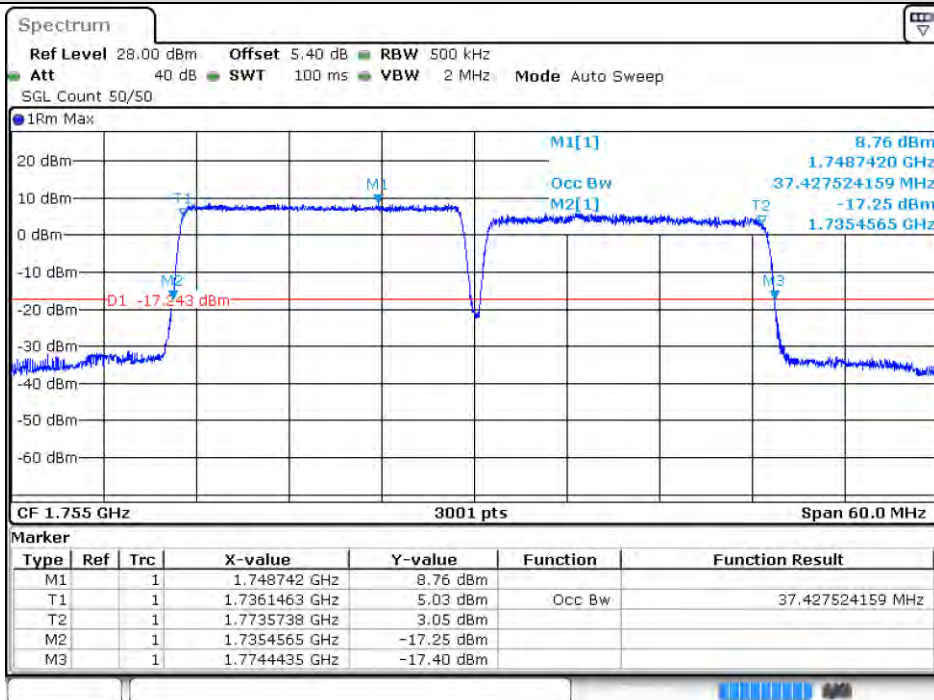


CA_66C_100RB+100RB_64QAM_132072+132270_100RB#0+100RB#0



Date: 25.MAY.2021 04:29:37

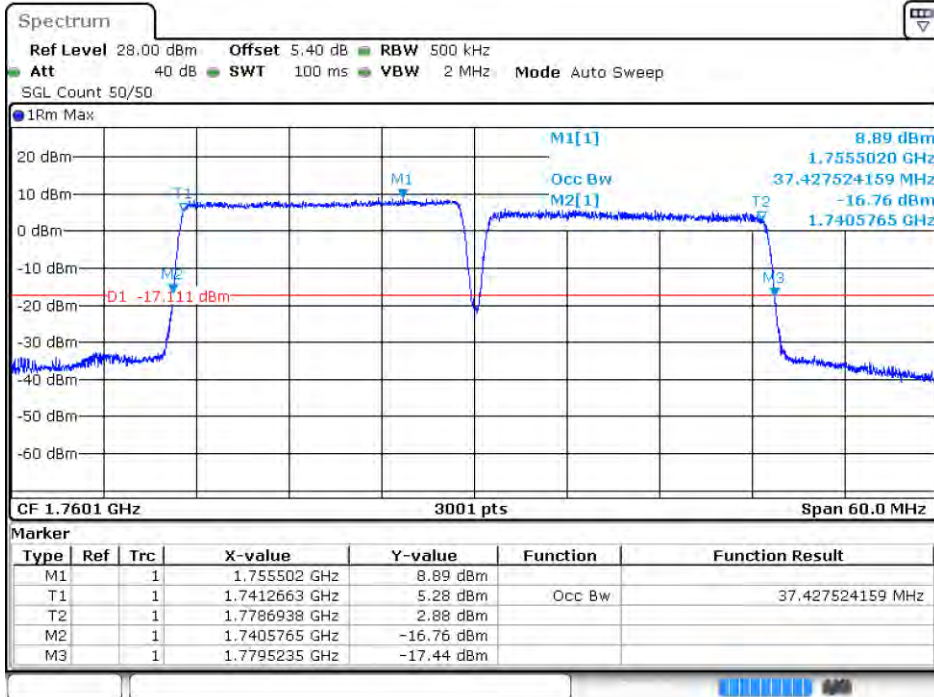
CA_66C_100RB+100RB_64QAM_132323+132521_100RB#0+100RB#0



Date: 25.MAY.2021 04:30:33



CA_66C_100RB+100RB_64QAM_132374+132572_100RB#0+100RB#0



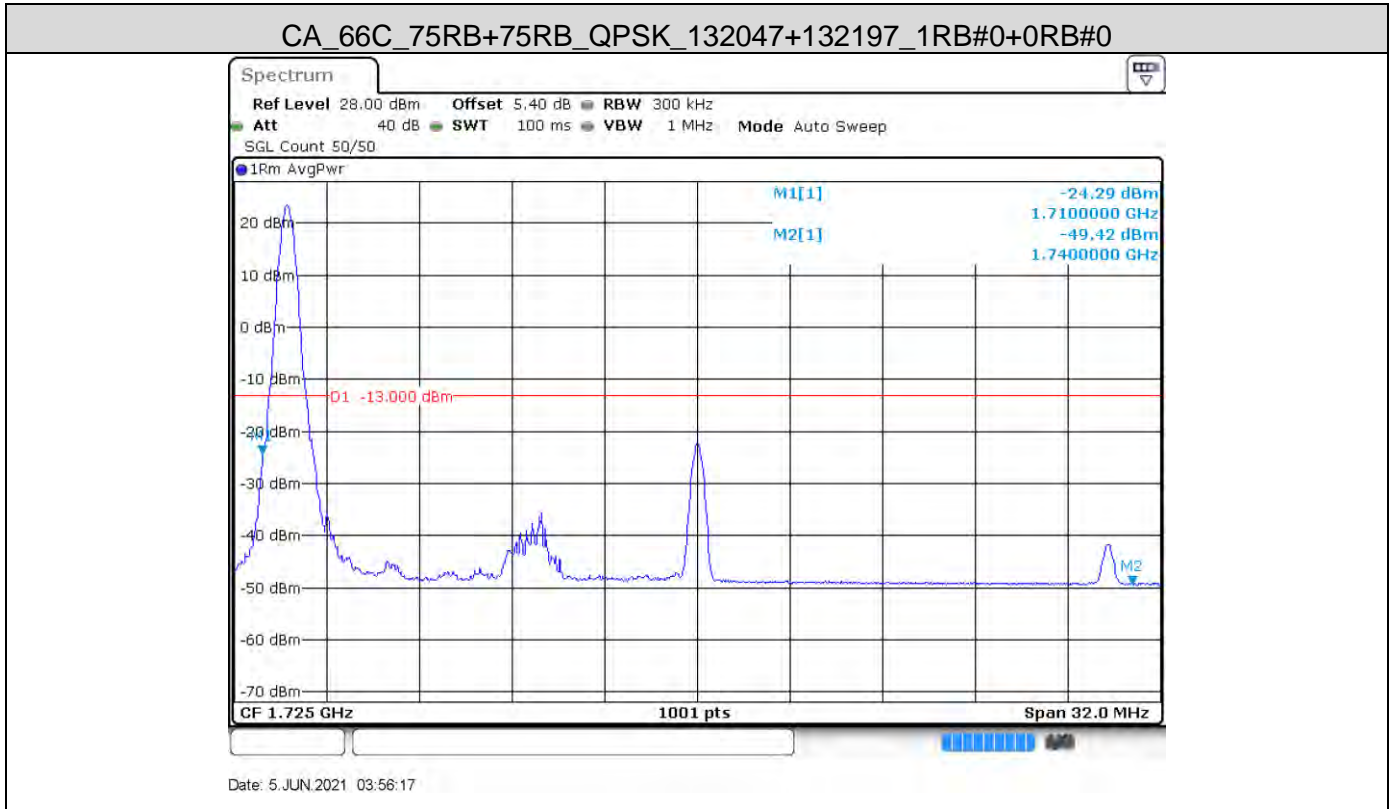
Date: 25.MAY.2021 04:32:07



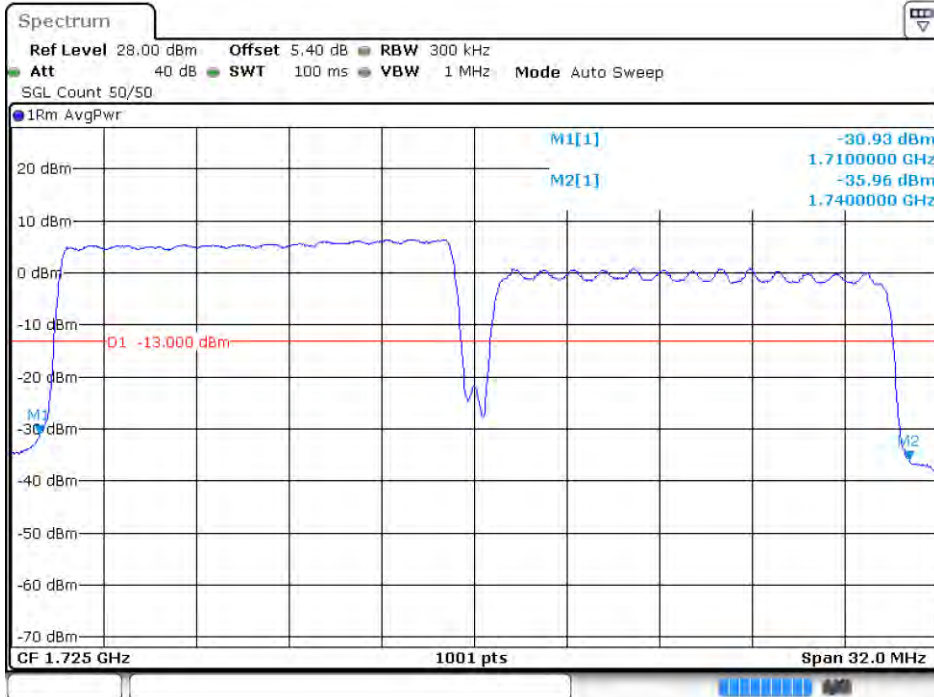
5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_66C

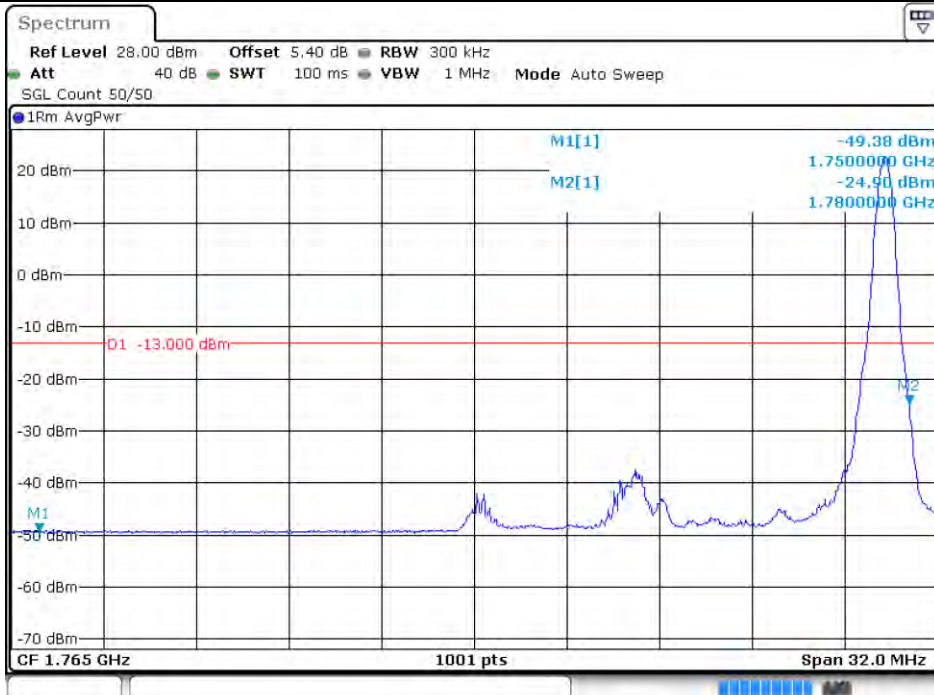


CA_66C_75RB+75RB_QPSK_132047+132197_75RB#0+75RB#0



Date: 5 JUN 2021 03:55:09

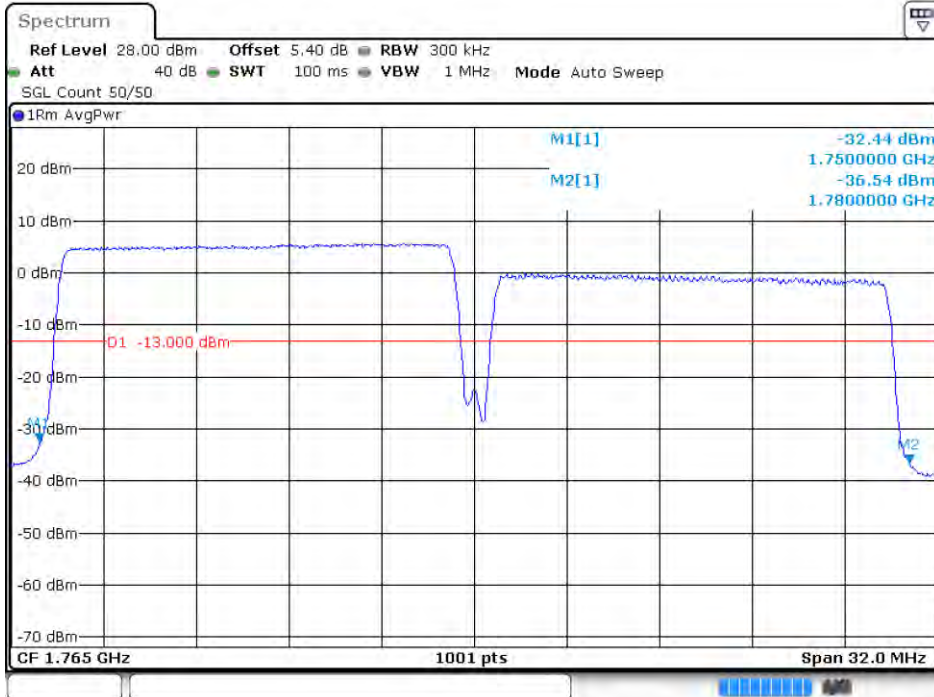
CA_66C_75RB+75RB_QPSK_132447+132597_0RB#0+1RB#74



Date: 5 JUN 2021 03:57:11

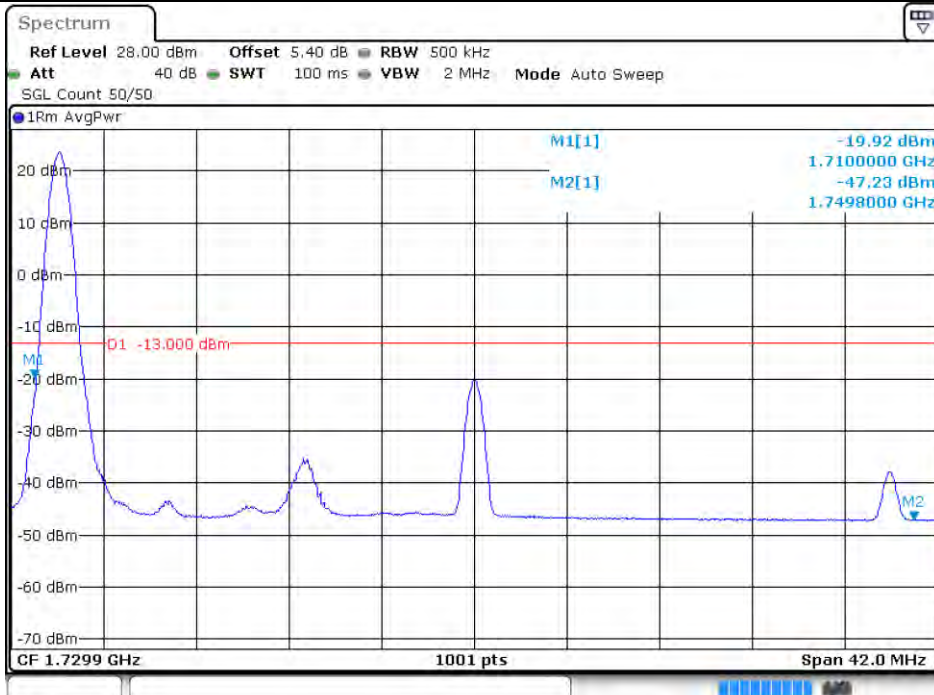


CA_66C_75RB+75RB_QPSK_132447+132597_75RB#0+75RB#0



Date: 5 JUN 2021 03:57:04

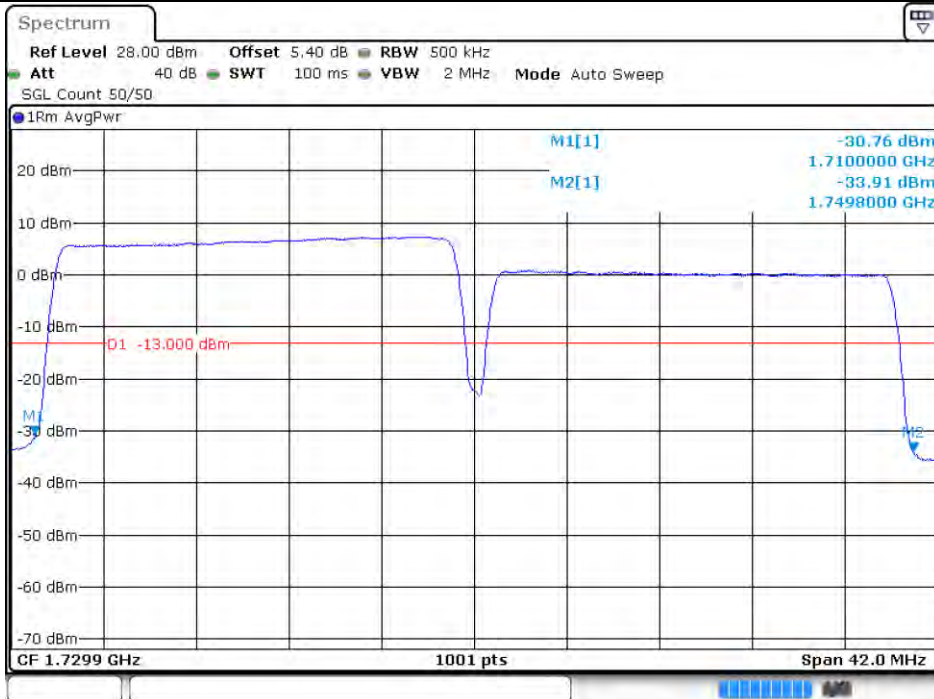
CA_66C_100RB+100RB_QPSK_132072+132270_100RB#0+100RB#0



Date: 5 JUN 2021 05:13:41



CA_66C_100RB+100RB_QPSK_132072+132270_1RB#0+0RB#0



Date: 5 JUN 2021 05:14:18

CA_66C_100RB+100RB_QPSK_132374+132572_0RB#0+1RB#99

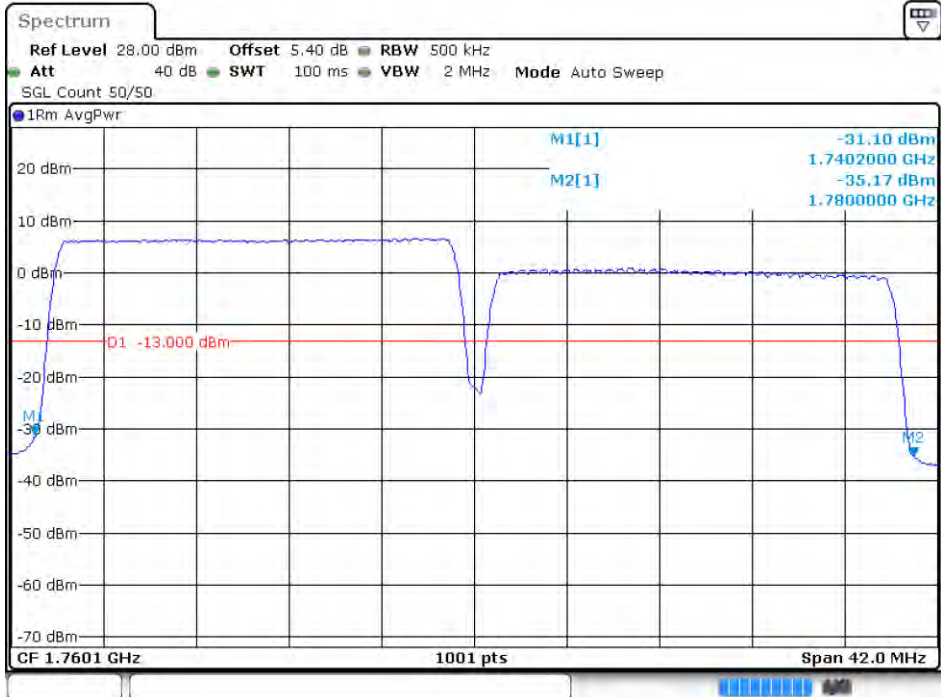


Date: 5 JUN 2021 05:15:55





CA_66C_100RB+100RB_QPSK_132374+132572_100RB#0+100RB#0



Date: 5 JUN 2021 05:15:48



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
 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

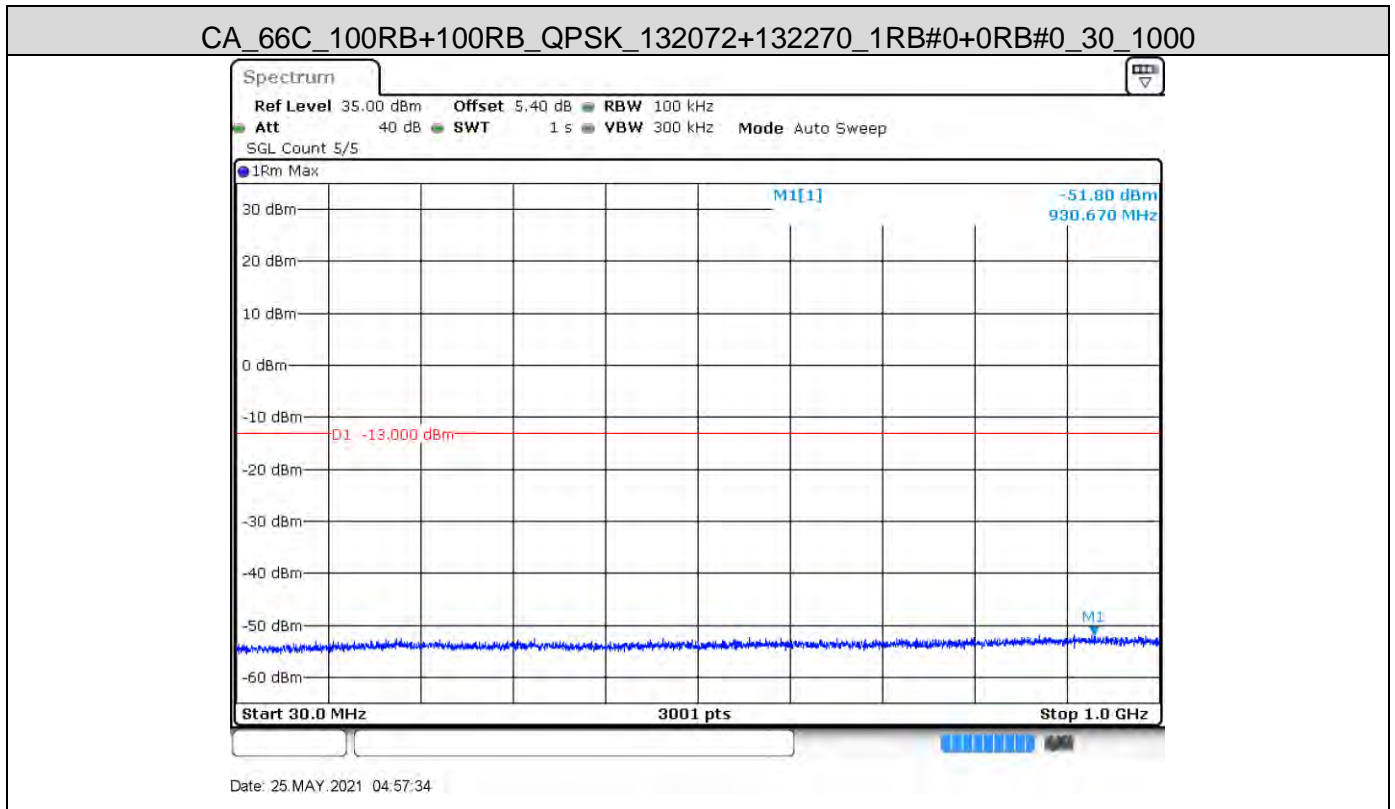
6 Spurious Emission at Antenna Terminal

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

Part I - Test Plots

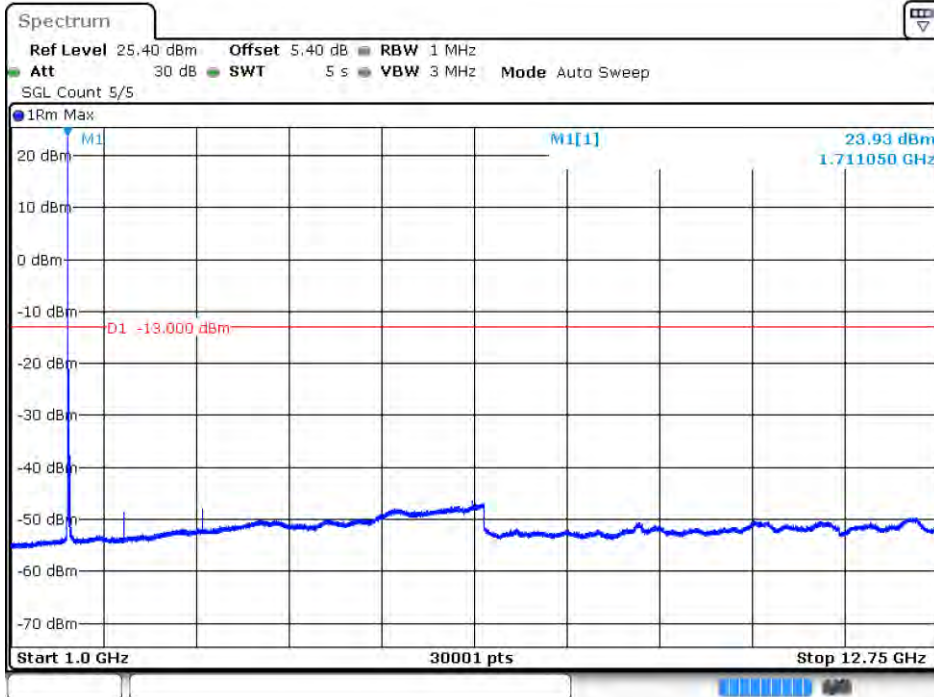
6.1 For LTE

6.1.1 Test Band = LTE Band CA_66C



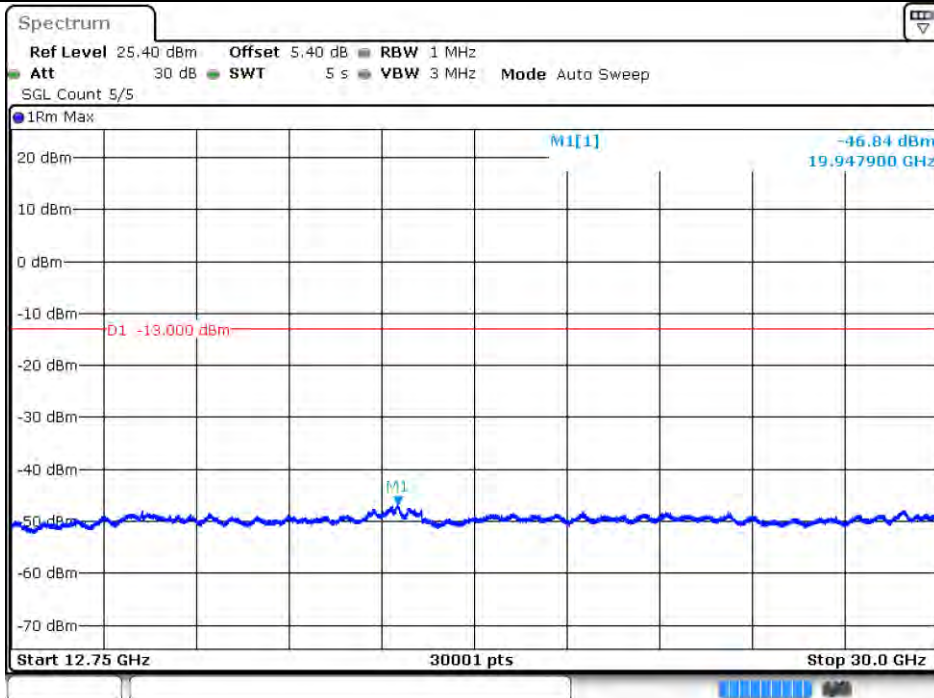


CA_66C_100RB+100RB_QPSK_132072+132270_1RB#0+0RB#0_1000_12750



Date: 5 JUN 2021 05:48:22

CA_66C_100RB+100RB_QPSK_132072+132270_1RB#0+0RB#0_12750_26000

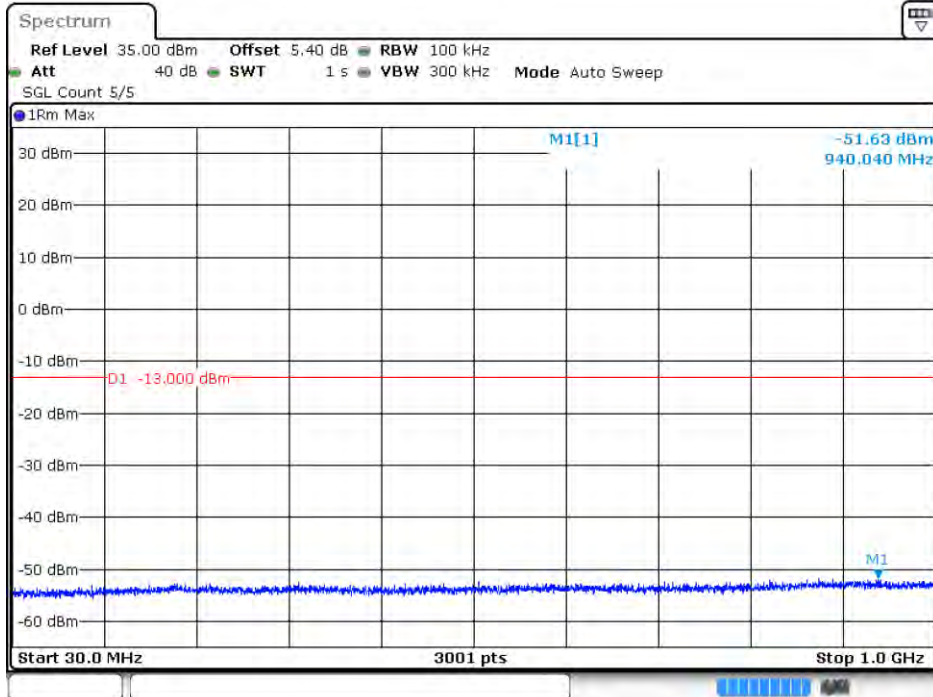


Date: 25.MAY.2021 05:16:14



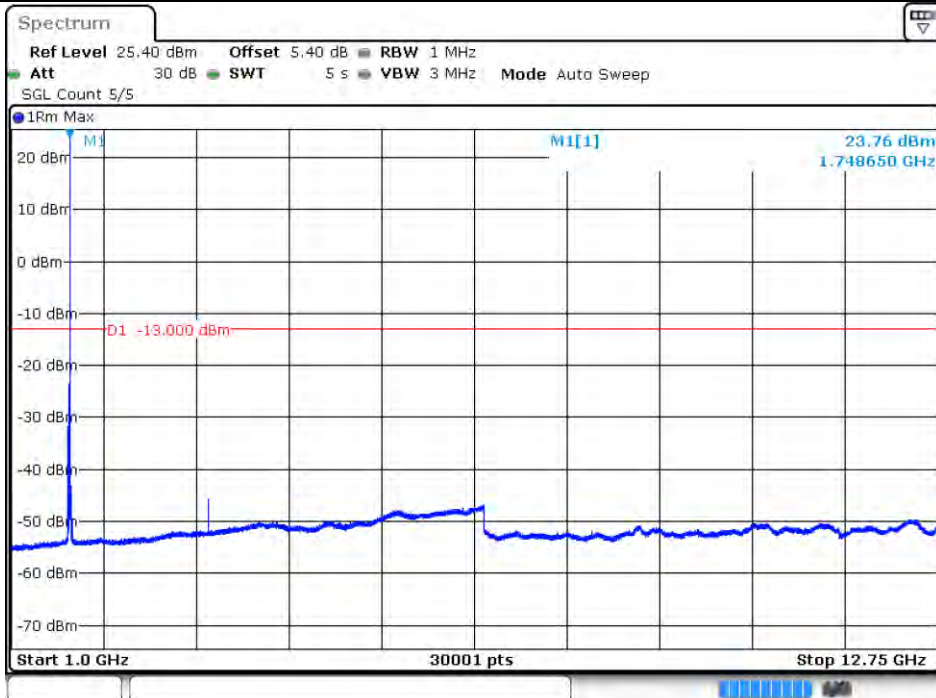


CA_66C_100RB+100RB_QPSK_132072+132270_ORB#0+1RB#99_30_1000



Date: 5 JUN.2021 05:17:08

CA_66C_100RB+100RB_QPSK_132072+132270_ORB#0+1RB#99_1000_12750



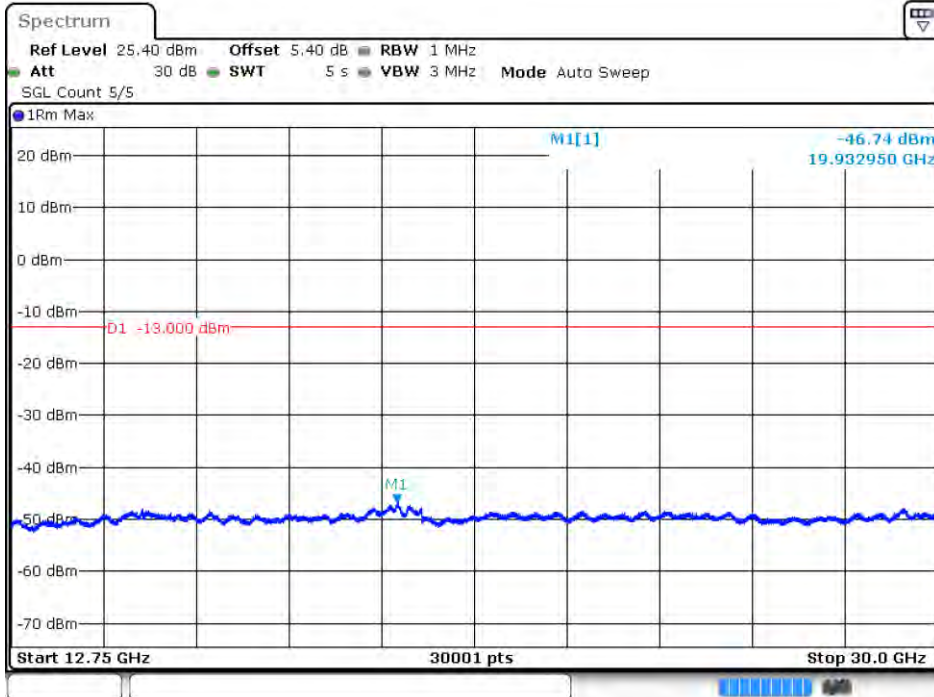
Date: 5 JUN.2021 05:20:45



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

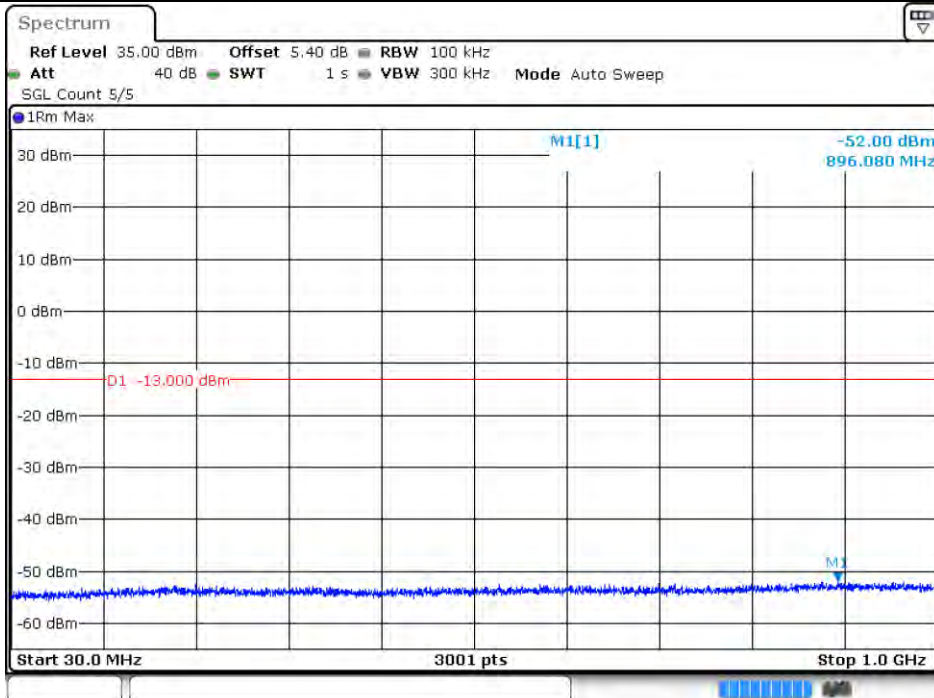


CA_66C_100RB+100RB_QPSK_132072+132270_0RB#0+1RB#99_12750_26000



Date: 5 JUN 2021 05:29:35

CA_66C_100RB+100RB_QPSK_132072+132270_100RB#0+100RB#0_30_1000

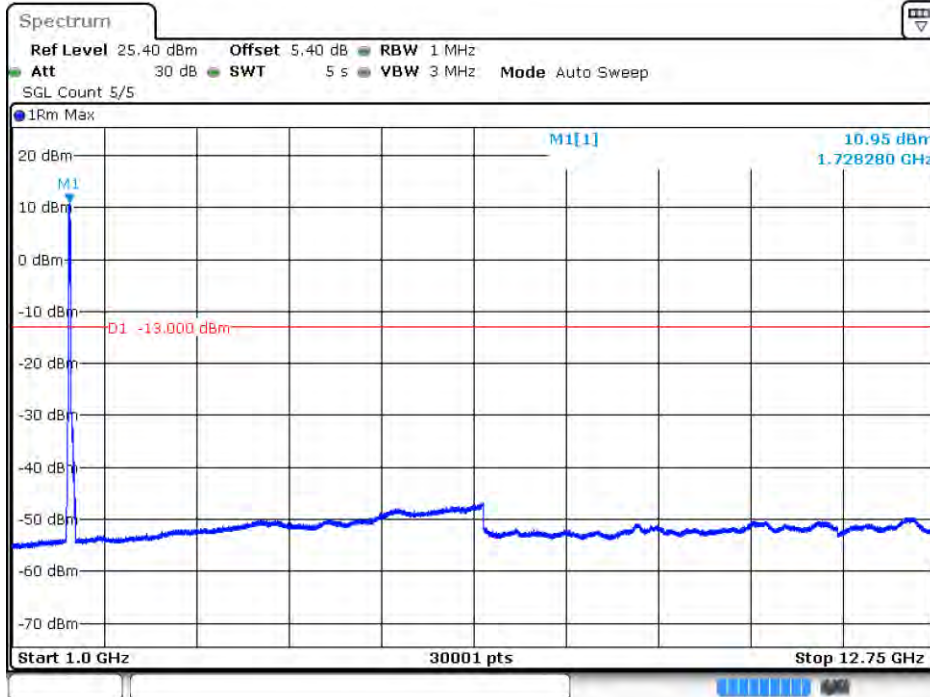


Date: 5 JUN 2021 05:17:01



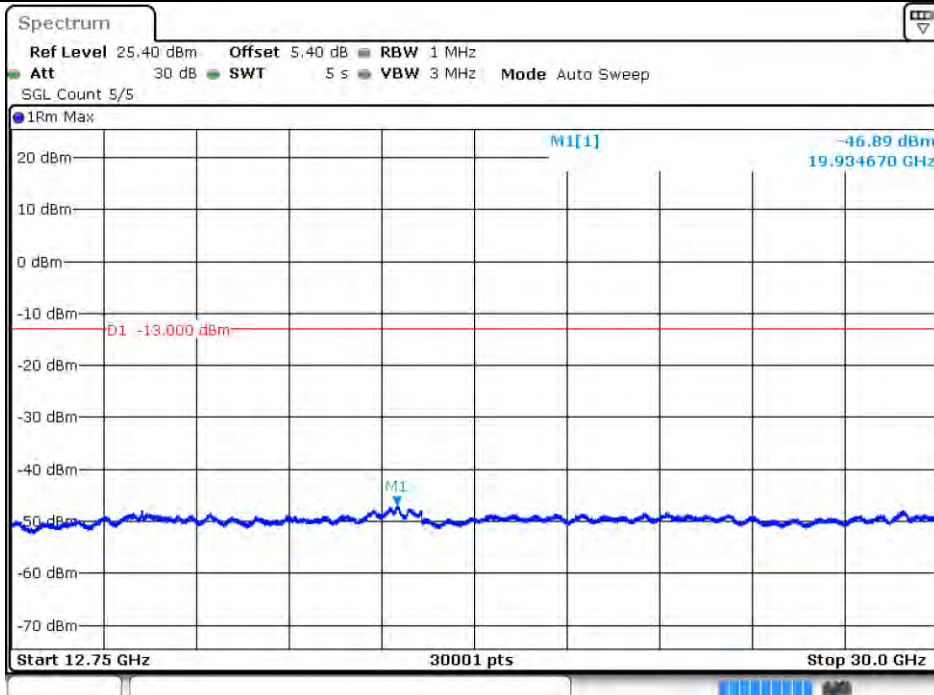


CA_66C_100RB+100RB_QPSK_132072+132270_100RB#0+100RB#0_1000_12750



Date: 5 JUN.2021 05:20:17

CA_66C_100RB+100RB_QPSK_132072+132270_100RB#0+100RB#0_12750_26000



Date: 5 JUN.2021 05:29:07



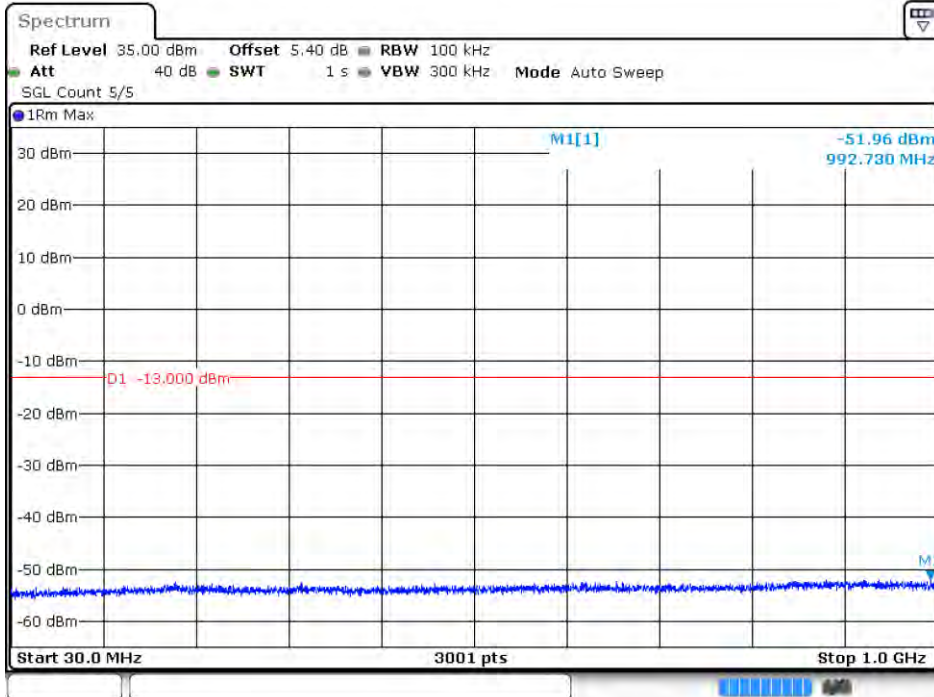
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

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

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

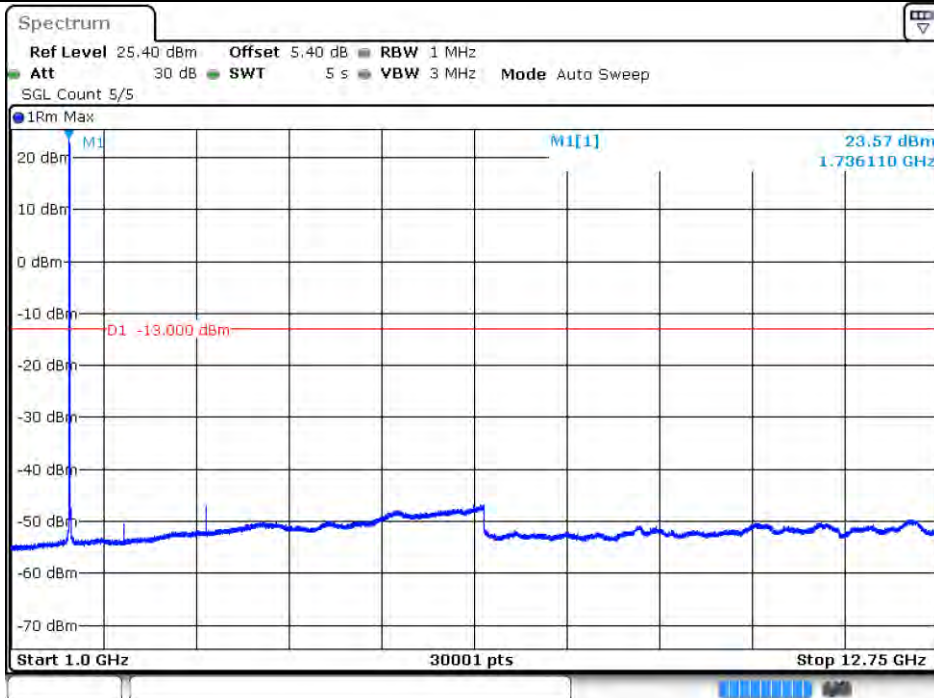


CA_66C_100RB+100RB_QPSK_132323+132521_1RB#0+0RB#0_30_1000



Date: 25.MAY.2021 04:58:38

CA_66C_100RB+100RB_QPSK_132323+132521_1RB#0+0RB#0_1000_12750



Date: 5 JUN.2021 05:41:05



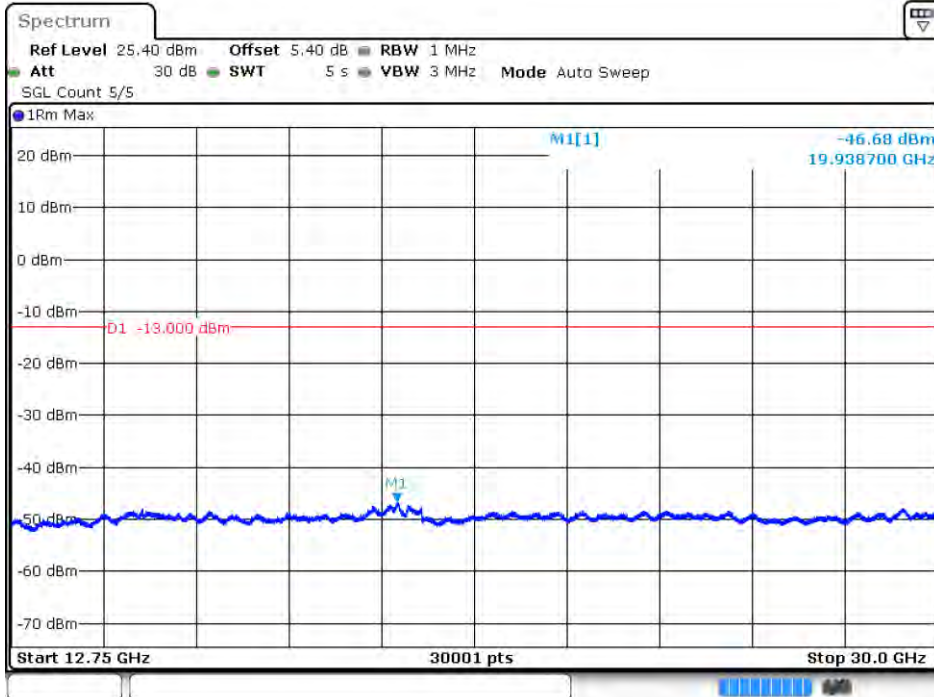
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

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

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

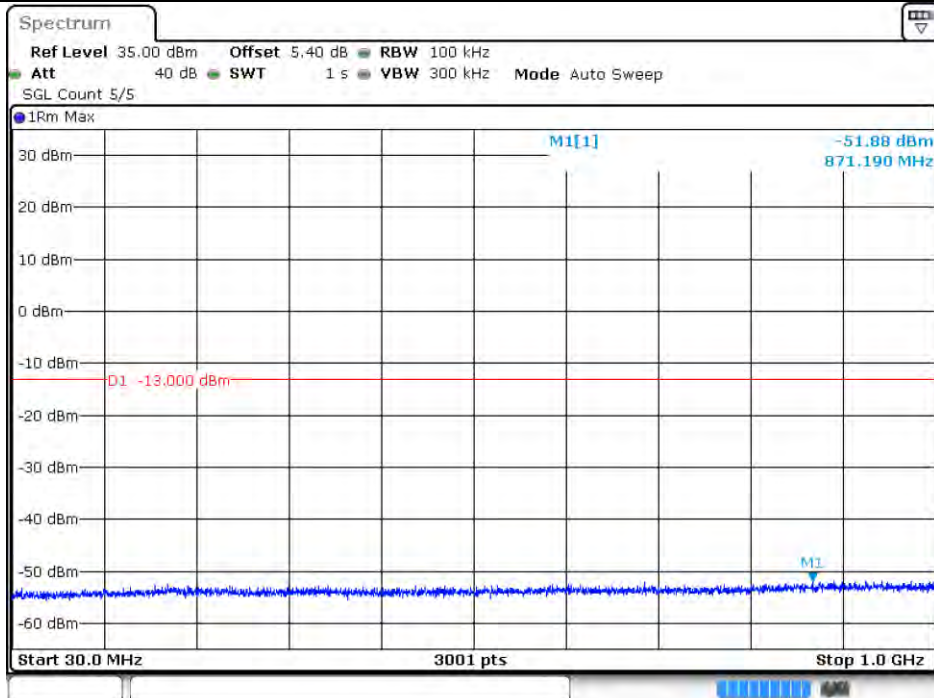


CA_66C_100RB+100RB_QPSK_132323+132521_1RB#0+0RB#0_12750_26000



Date: 25.MAY.2021 05:20:33

CA_66C_100RB+100RB_QPSK_132323+132521_0RB#0+1RB#99_30_1000

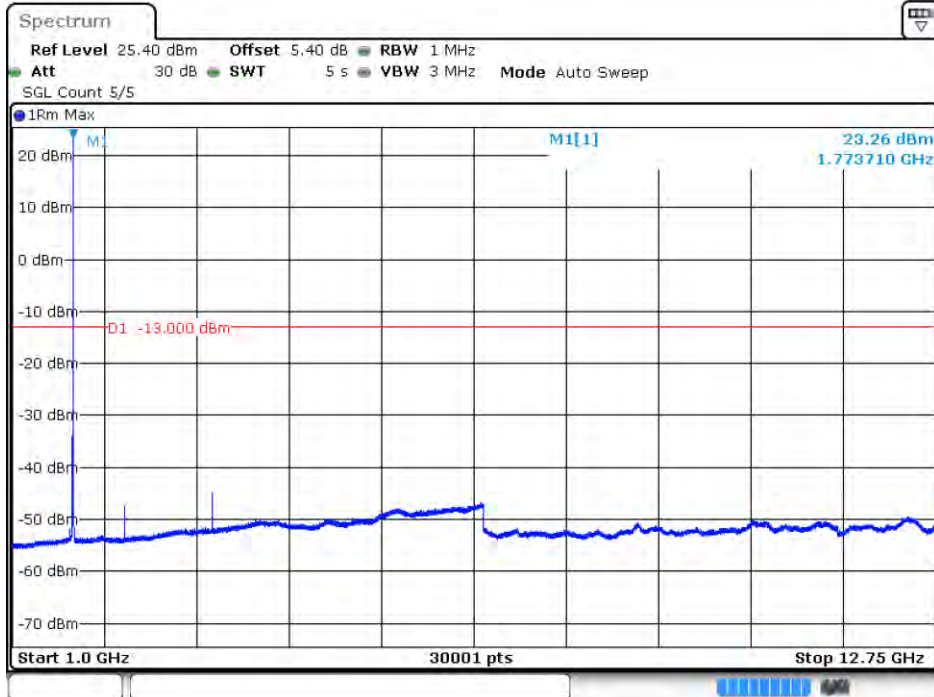


Date: 5.JUN.2021 05:18:00



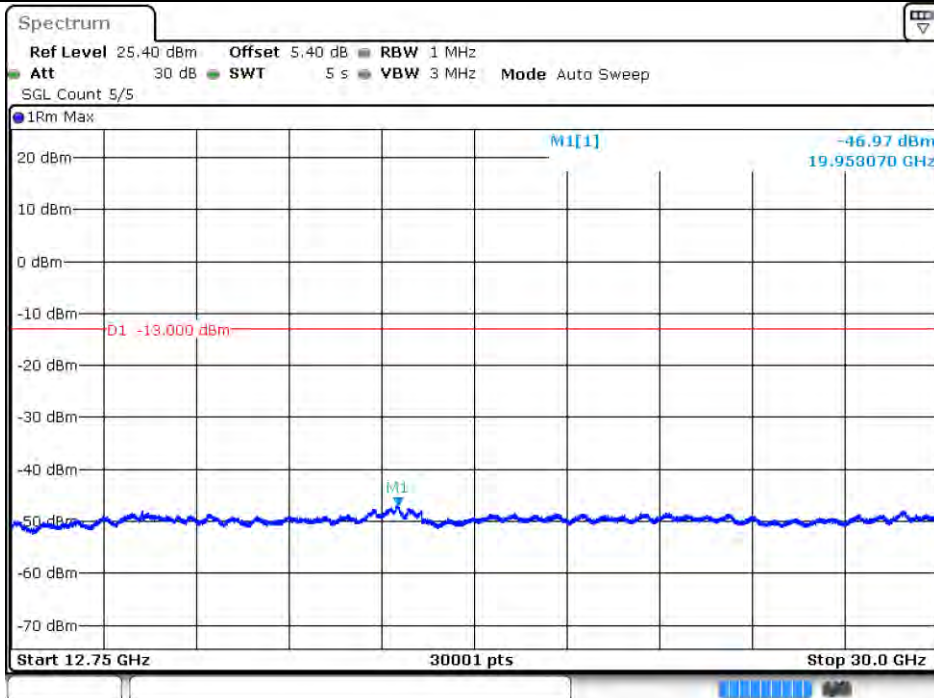


CA_66C_100RB+100RB_QPSK_132323+132521_0RB#0+1RB#99_1000_12750



Date: 5 JUN.2021 05:23:41

CA_66C_100RB+100RB_QPSK_132323+132521_0RB#0+1RB#99_12750_26000

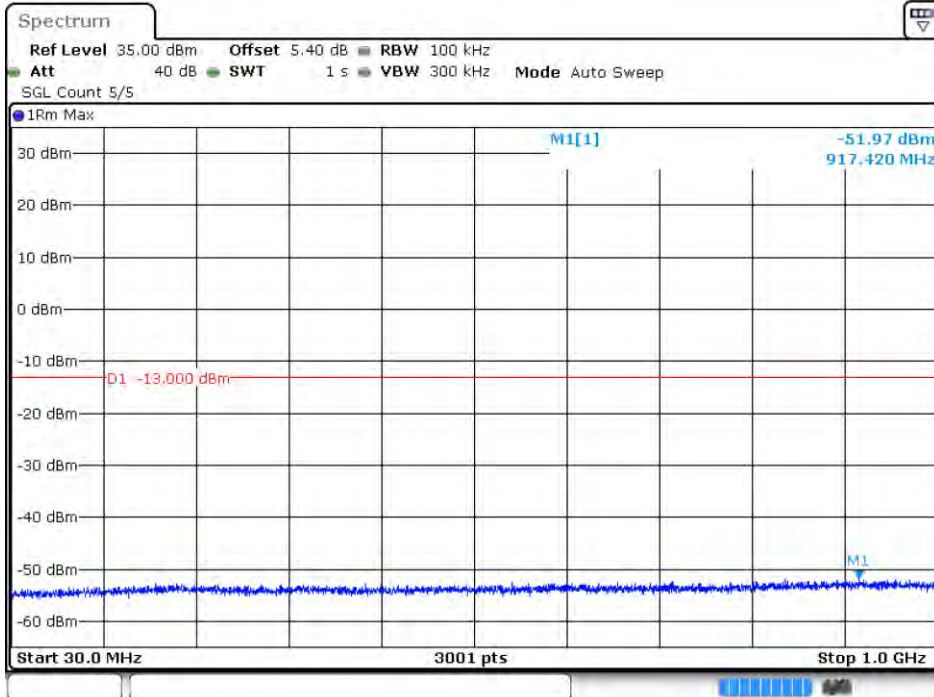


Date: 5 JUN.2021 05:32:31



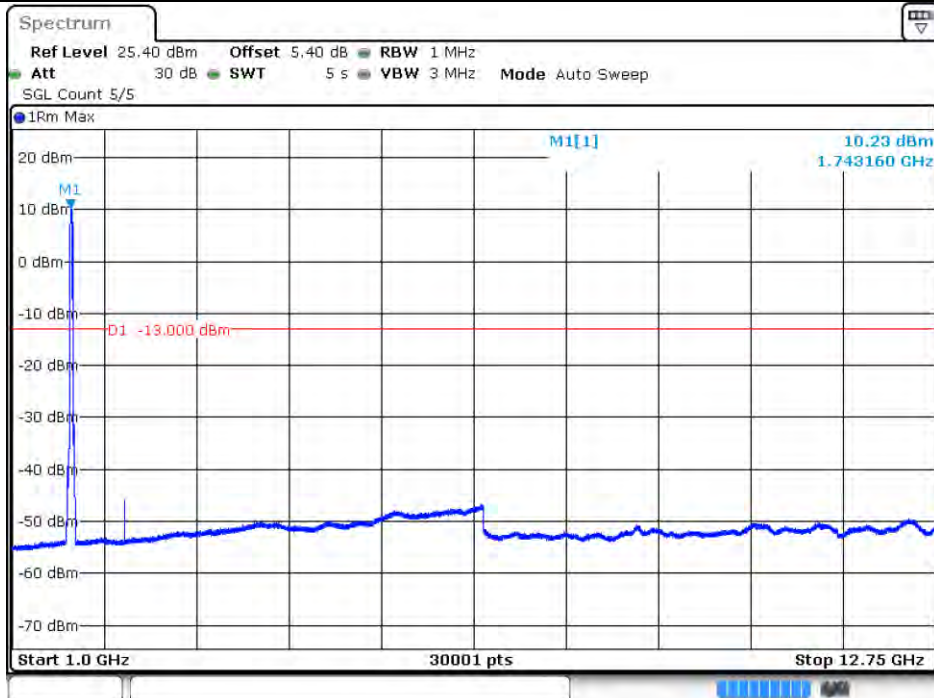


CA_66C_100RB+100RB_QPSK_132323+132521_100RB#0+100RB#0_30_1000



Date: 5 JUN 2021 05:17:53

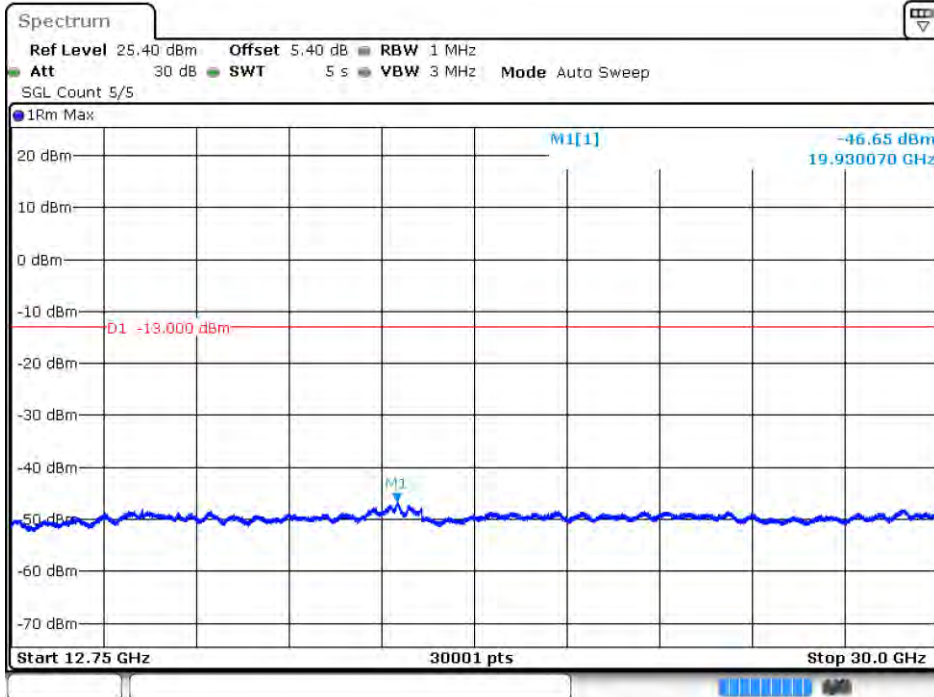
CA_66C_100RB+100RB_QPSK_132323+132521_100RB#0+100RB#0_1000_12750



Date: 5 JUN 2021 05:23:13

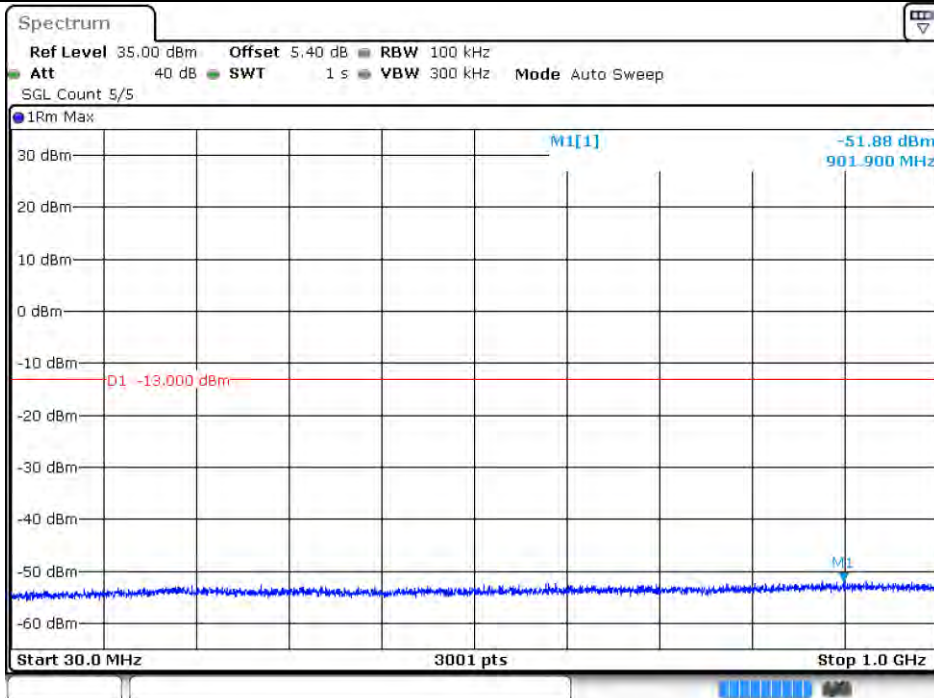


CA_66C_100RB+100RB_QPSK_132323+132521_100RB#0+100RB#0_12750_26000



Date: 5 JUN 2021 05:32:03

CA_66C_100RB+100RB_QPSK_132374+132572_1RB#0+0RB#0_30_1000

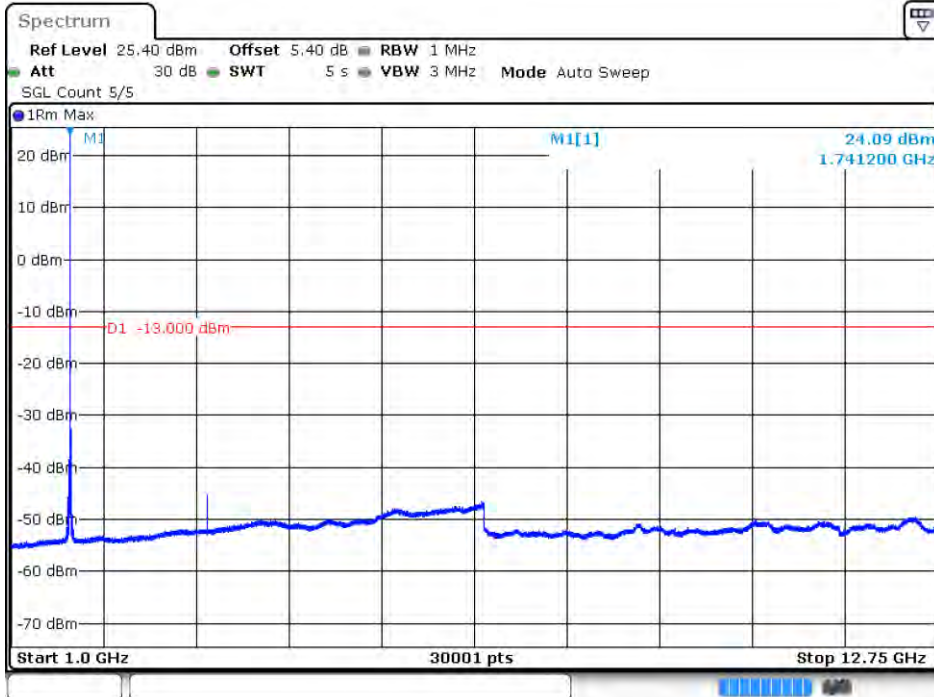


Date: 25 MAY 2021 04:59:46



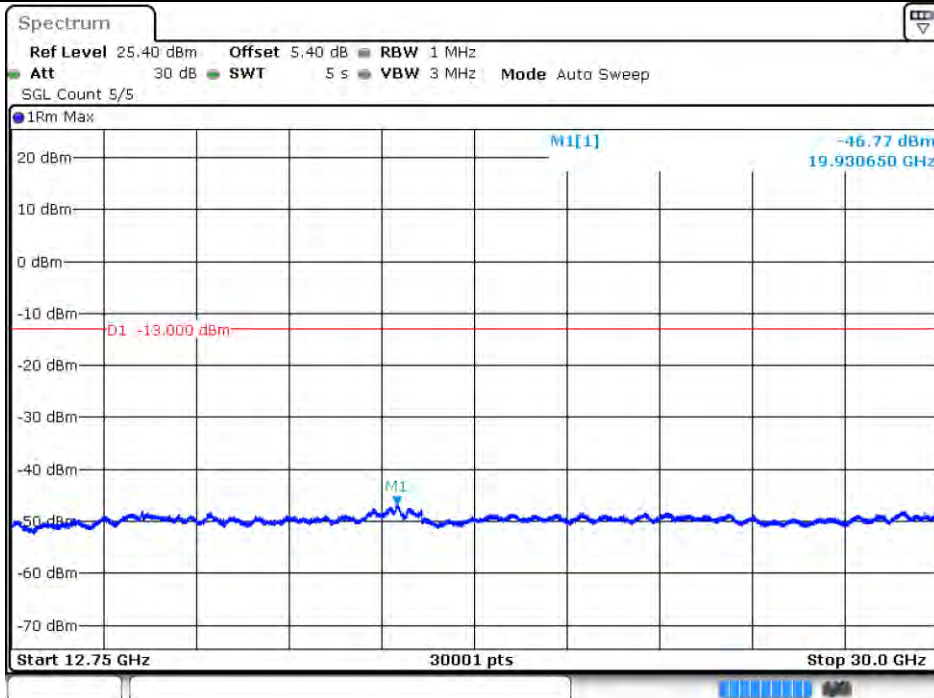


CA_66C_100RB+100RB_QPSK_132374+132572_1RB#0+0RB#0_1000_12750



Date: 5 JUN 2021 05:42:31

CA_66C_100RB+100RB_QPSK_132374+132572_1RB#0+0RB#0_12750_26000

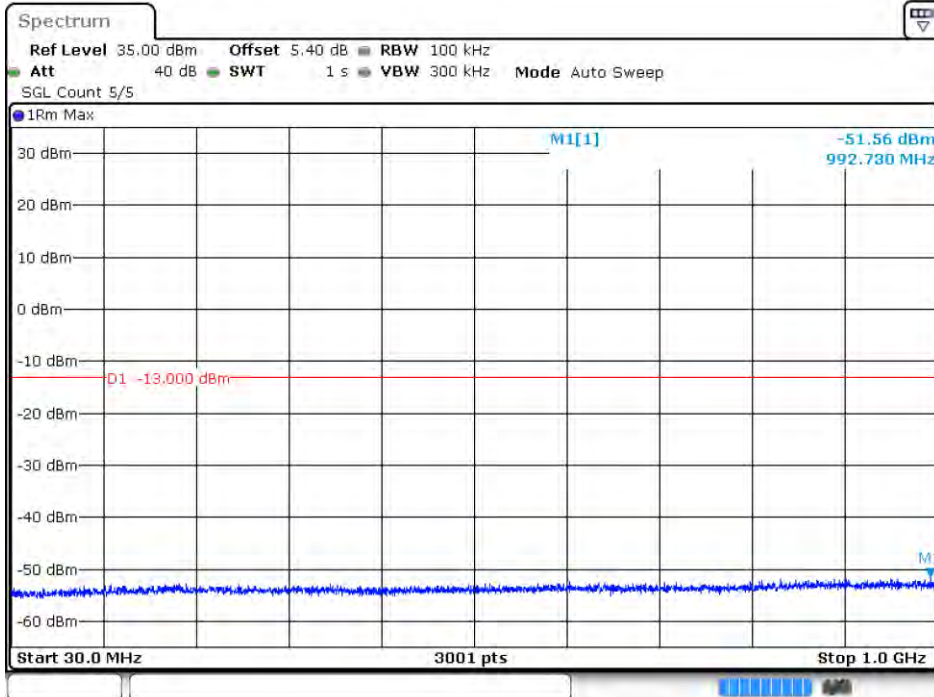


Date: 25 MAY 2021 05:24:53



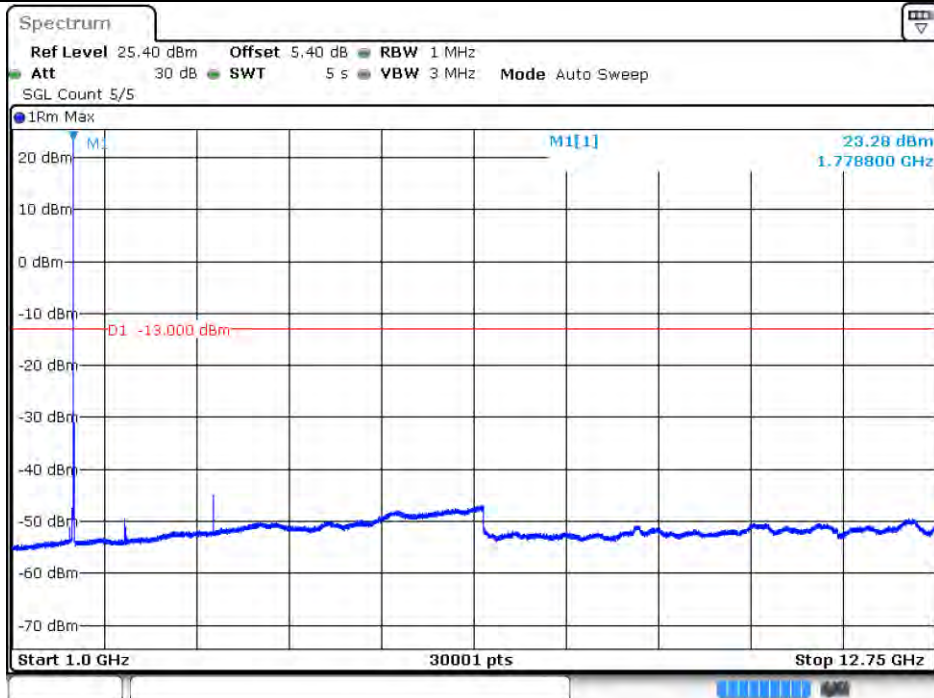


CA_66C_100RB+100RB_QPSK_132374+132572_0RB#0+1RB#99_30_1000



Date: 5 JUN 2021 05:18:43

CA_66C_100RB+100RB_QPSK_132374+132572_0RB#0+1RB#99_1000_12750

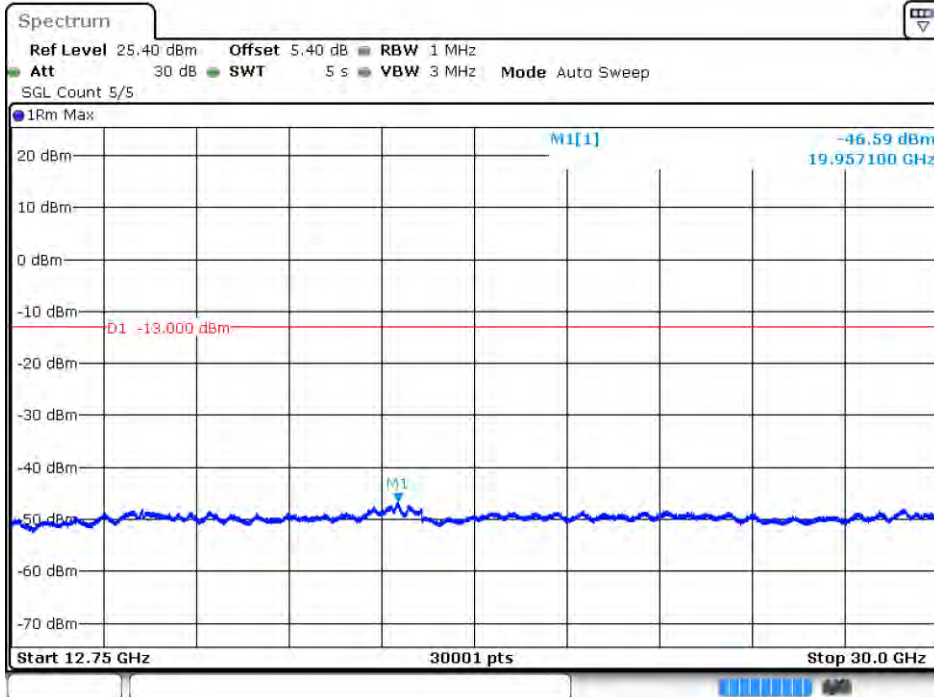


Date: 5 JUN 2021 05:26:32



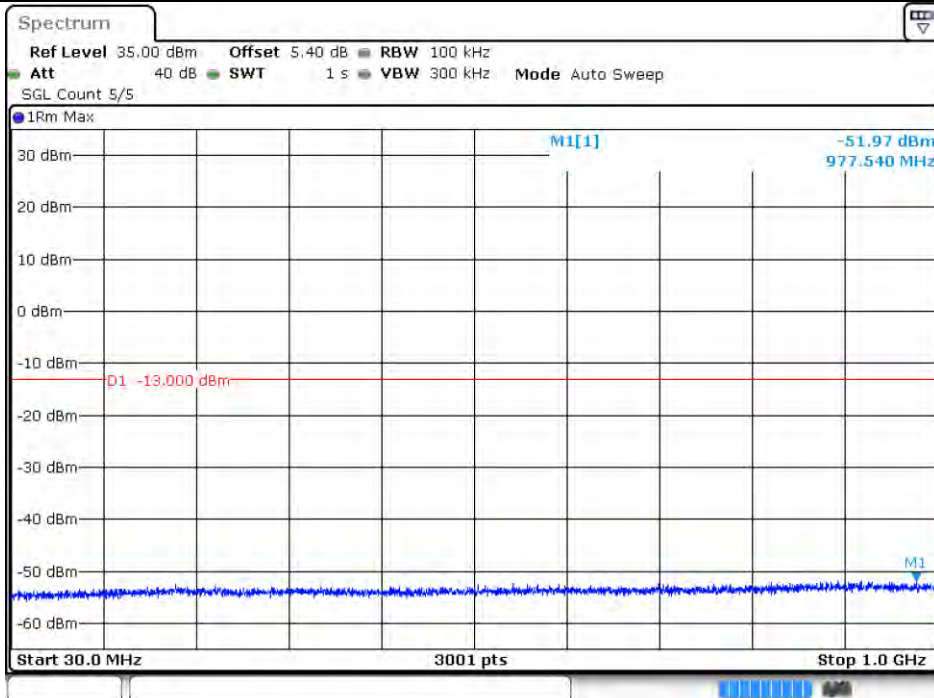


CA_66C_100RB+100RB_QPSK_132374+132572_0RB#0+1RB#99_12750_26000



Date: 5 JUN 2021 05:35:24

CA_66C_100RB+100RB_QPSK_132374+132572_100RB#0+100RB#0_30_1000

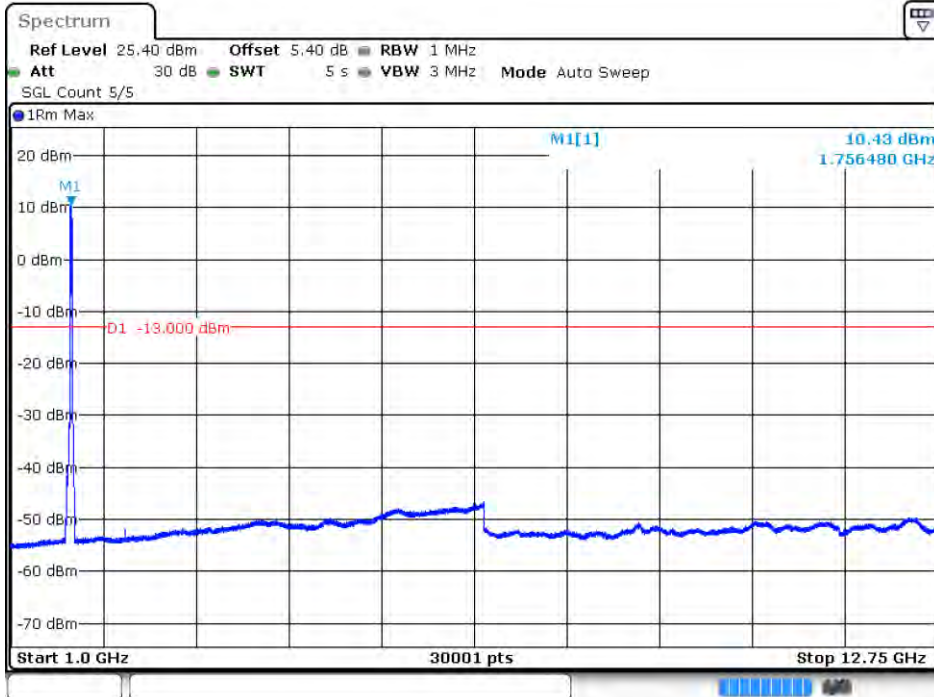


Date: 5 JUN 2021 05:18:36



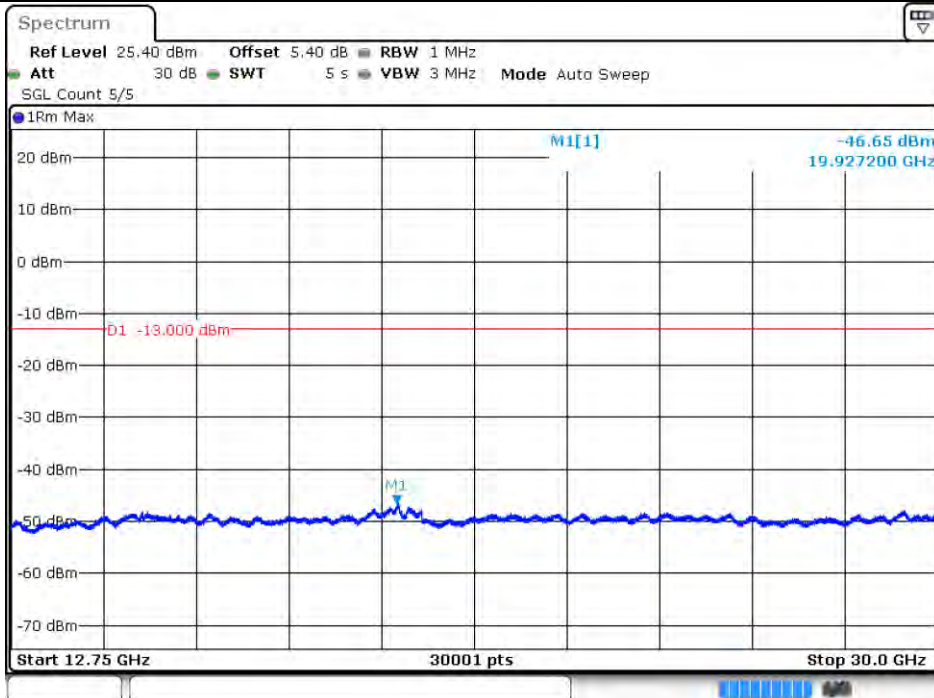


CA_66C_100RB+100RB_QPSK_132374+132572_100RB#0+100RB#0_1000_12750



Date: 5 JUN 2021 05:26:05

CA_66C_100RB+100RB_QPSK_132374+132572_100RB#0+100RB#0_12750_26000



Date: 5 JUN 2021 05:34:56



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

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

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

7 Field Strength of Spurious Radiation

7.1. Test Band = _66C_TM1

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1259.0324	20.57	-49.79	-13.00	36.79	Horizontal
2	2941.9927	20.67	-44.07	-13.00	31.07	Horizontal
3	7484.4742	48.81	-53.35	-13.00	40.35	Horizontal
4	11911.195	45.68	-48.62	-13.00	35.62	Horizontal
5	15031.351	44.86	-46.94	-13.00	33.94	Horizontal
6	17988.749	48.21	-45.43	-13.00	32.43	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) 2607 1443, or email: CN.Doccheck@sgs.com

7.2. Test Band = _66C_TM1

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1244.5306	20.70	-49.85	-13.00	36.85	Vertical
2	2980.9976	20.64	-44.08	-13.00	31.08	Vertical
3	8383.0192	48.59	-52.50	-13.00	39.50	Vertical
4	13040.002	45.57	-47.11	-13.00	34.11	Vertical
5	16391.919	47.05	-46.86	-13.00	33.86	Vertical
6	17983.499	47.52	-46.01	-13.00	33.01	Vertical



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 2607 1443, or email: CN.Doccheck@sgs.com

7.3. Test Band = _66C_TM1

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1262.5328	20.22	-50.18	-13.00	37.18	Horizontal
2	2461.1826	26.35	-40.70	-13.00	27.70	Horizontal
3	5234.3617	51.54	-57.41	-13.00	44.41	Horizontal
4	7479.2240	48.78	-53.42	-13.00	40.42	Horizontal
5	11254.912	47.48	-48.38	-13.00	35.38	Horizontal
6	17995.499	47.59	-46.20	-13.00	33.20	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) 2607 1443, or email: CN.Doccheck@sgs.com

7.4. Test Band = _66C_TM1

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1293.0366	20.44	-50.11	-13.00	37.11	Vertical
2	2149.3937	26.90	-41.34	-13.00	28.34	Vertical
3	4533.0767	51.01	-60.82	-13.00	47.82	Vertical
4	7480.7240	48.18	-54.01	-13.00	41.01	Vertical
5	12433.221	45.32	-48.57	-13.00	35.57	Vertical
6	17930.246	47.12	-45.78	-13.00	32.78	Vertical



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 2607 1443, or email: CN.Doccheck@sgs.com

7.5. Test Band = _66C_TM1

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1168.2710	20.40	-49.87	-13.00	36.87	Horizontal
2	2693.9617	20.97	-44.86	-13.00	31.86	Horizontal
3	5555.3778	49.59	-58.30	-13.00	45.30	Horizontal
4	9584.5792	46.65	-51.74	-13.00	38.74	Horizontal
5	13374.518	45.19	-47.42	-13.00	34.42	Horizontal
6	17996.249	48.22	-45.58	-13.00	32.58	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) 2607 1443, or email: CN.Doccheck@sgs.com

7.6. Test Band = _66C_TM1

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1170.2713	20.60	-49.64	-13.00	36.64	Vertical
2	2666.7083	21.16	-44.95	-13.00	31.95	Vertical
3	3747.7874	51.61	-62.97	-13.00	49.97	Vertical
4	9587.5794	46.47	-51.89	-13.00	38.89	Vertical
5	14288.814	44.65	-47.41	-13.00	34.41	Vertical
6	16402.420	46.52	-47.26	-13.00	34.26	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz and above 12.75GHz 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.



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) 26012053, or email: CN.Doccheck@sgs.com



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
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	VL	NT	-0.70	-0.000407	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	VN	NT	-1.70	-0.000988	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	VH	NT	-1.60	-0.000930	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	VL	NT	-1.60	-0.000917	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	VN	NT	-0.80	-0.000458	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	VH	NT	-1.10	-0.000630	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	VL	NT	-2.20	-0.001257	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	VN	NT	-0.70	-0.000400	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	VH	NT	-1.80	-0.001028	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	VL	NT	-2.40	-0.001395	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	VN	NT	0.20	0.000116	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	VH	NT	-1.30	-0.000756	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	VL	NT	0.10	0.000057	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	VN	NT	-2.00	-0.001146	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	VH	NT	-3.00	-0.001719	±2.5	PASS



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

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



Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	VL	NT	-2.20	-0.001257	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	VN	NT	-1.60	-0.000914	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	VH	NT	-0.20	-0.000114	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	VL	NT	-1.80	-0.001047	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	VN	NT	-0.70	-0.000407	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	VH	NT	-1.40	-0.000814	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	VL	NT	-1.80	-0.001031	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	VN	NT	-2.40	-0.001375	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	VH	NT	-3.00	-0.001719	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	VL	NT	-3.60	-0.002057	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	VN	NT	-0.40	-0.000229	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	VH	NT	-1.50	-0.000857	±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) 2307 1443, or email: CN.Doccheck@sgs.com



8.2 Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	-50	-2.40	-0.001395	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	-40	0.20	0.000116	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	-30	-1.80	-0.001047	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	-20	-0.60	-0.000349	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	-10	-1.00	-0.000581	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	0	-1.20	-0.000698	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	10	-1.90	-0.001105	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	20	-3.80	-0.002209	±2.5	PASS
Band66 C	20MHz	QPSK	132072+1 32270	100RB#0+ 100RB#0	NV	30	-0.90	-0.000523	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	-50	-0.50	-0.000287	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	-40	-1.70	-0.000974	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	-30	-1.30	-0.000745	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	-20	-0.70	-0.000401	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	-10	-2.30	-0.001318	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	0	0.00	0.000000	±2.5	PASS



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

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



Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	10	-0.80	-0.000458	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	20	-2.80	-0.001604	±2.5	PASS
Band66 C	20MHz	QPSK	132323+1 32591	100RB#0+ 100RB#0	NV	30	-2.90	-0.001662	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	-50	-1.60	-0.000914	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	-40	-1.70	-0.000971	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	-30	0.10	0.000057	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	-20	-2.50	-0.001428	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	-10	-2.80	-0.001600	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	0	-1.50	-0.000857	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	10	-2.90	-0.001657	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	20	-1.60	-0.000914	±2.5	PASS
Band66 C	20MHz	QPSK	132374+1 32572	100RB#0+ 100RB#0	NV	30	-2.60	-0.001486	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-50	-0.10	-0.000058	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-40	-2.60	-0.001512	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-30	-1.90	-0.001105	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-20	-2.00	-0.001163	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-10	-0.90	-0.000523	±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



Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	0	-2.50	-0.001453	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	10	-2.60	-0.001512	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	20	-1.30	-0.000756	±2.5	PASS
Band66 C	20MHz	64QA M	132072+1 32270	100RB#0+ 100RB#0	NV	30	-2.20	-0.001279	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-50	-1.00	-0.000573	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-40	0.90	0.000516	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-30	-1.80	-0.001031	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-20	-0.90	-0.000516	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-10	0.80	0.000458	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	0	-0.50	-0.000287	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	10	-2.40	-0.001375	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	20	-0.90	-0.000516	±2.5	PASS
Band66 C	20MHz	64QA M	132323+1 32591	100RB#0+ 100RB#0	NV	30	-1.80	-0.001031	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-50	-0.60	-0.000343	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-40	-1.20	-0.000686	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-30	-0.50	-0.000286	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-20	-3.60	-0.002057	±2.5	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.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



Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-10	-1.30	-0.000743	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	0	-2.80	-0.001600	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	10	-1.50	-0.000857	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	20	-2.20	-0.001257	±2.5	PASS
Band66 C	20MHz	64QA M	132374+1 32572	100RB#0+ 100RB#0	NV	30	-0.80	-0.000457	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-50	-3.20	-0.001860	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-40	-3.00	-0.001744	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-30	-0.80	-0.000465	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-20	-2.00	-0.001163	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	-10	-0.50	-0.000291	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	0	-1.30	-0.000756	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	10	-1.80	-0.001047	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	20	-2.30	-0.001337	±2.5	PASS
Band66 C	20MHz	16QA M	132072+1 32270	100RB#0+ 100RB#0	NV	30	0.30	0.000174	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-50	-2.00	-0.001146	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-40	-0.40	-0.000229	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-30	-0.40	-0.000229	±2.5	PASS



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

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



Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-20	-2.10	-0.001203	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	-10	-2.30	-0.001318	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	0	-1.90	-0.001089	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	10	-2.10	-0.001203	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	20	-2.00	-0.001146	±2.5	PASS
Band66 C	20MHz	16QA M	132323+1 32591	100RB#0+ 100RB#0	NV	30	-0.70	-0.000401	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-50	-4.20	-0.002400	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-40	-2.60	-0.001486	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-20	-2.50	-0.001428	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	-10	-2.00	-0.001143	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	0	-0.70	-0.000400	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	10	-1.10	-0.000628	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	20	-1.30	-0.000743	±2.5	PASS
Band66 C	20MHz	16QA M	132374+1 32572	100RB#0+ 100RB#0	NV	30	-2.00	-0.001143	±2.5	PASS

The End



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