



Appendix B

E-UTRA Band CA_7C



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1 Effective (Isotropic) Radiated Power Output Data

1.1 Max Power Test Result for LTE Band CA_7C(ANT1)

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	QPSK	24.20	27.29	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	24.42	27.51	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	24.43	27.52	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	23.17	26.26	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	23.25	26.34	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	23.32	26.41	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	23.34	26.43	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	24.32	27.41	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	24.08	27.17	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	24.21	27.3	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	23.16	26.25	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	23.08	26.17	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	23.08	26.17	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	22.99	26.08	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	24.31	27.4	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	24.44	27.53	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	24.39	27.48	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	23.53	26.62	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	23.39	26.48	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	23.31	26.4	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	23.36	26.45	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	24.33	27.42	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	24.23	27.32	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	24.25	27.34	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	23.27	26.36	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	23.26	26.35	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	23.30	26.39	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	23.21	26.3	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	24.03	27.12	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	24.17	27.26	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	24.31	27.4	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	23.18	26.27	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	22.96	26.05	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	23.83	26.92	33.00	PASS



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CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	23.51	26.6	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	23.20	26.29	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	22.12	25.21	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	22.32	25.41	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	22.02	25.11	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	22.11	25.2	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	23.45	26.54	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	23.24	26.33	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	23.44	26.53	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	22.21	25.3	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	21.98	25.07	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	21.92	25.01	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	22.09	25.18	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	23.50	26.59	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	23.40	26.49	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	23.22	26.31	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	22.16	25.25	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	22.12	25.21	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	22.54	25.63	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	22.38	25.47	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	23.50	26.59	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	23.38	26.47	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	23.76	26.85	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	22.55	25.64	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	22.34	25.43	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	22.13	25.22	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	22.22	25.31	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	22.99	26.08	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	23.66	26.75	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	23.48	26.57	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	23.68	26.77	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	22.38	25.47	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	22.47	25.56	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	22.08	25.17	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	22.01	25.1	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	22.13	25.22	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	20.89	23.98	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	21.02	24.11	33.00	PASS



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CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	21.13	24.22	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	21.00	24.09	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	22.03	25.12	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	22.17	25.26	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	21.99	25.08	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	21.02	24.11	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	21.17	24.26	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	21.19	24.28	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	21.03	24.12	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	22.16	25.25	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	21.87	24.96	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	22.16	25.25	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	21.10	24.19	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	21.14	24.23	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	21.18	24.27	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	21.10	24.19	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	22.09	25.18	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	22.17	25.26	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	22.19	25.28	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	21.09	24.18	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	20.93	24.02	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	21.12	24.21	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	21.11	24.2	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	22.36	25.45	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	22.21	25.3	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	21.89	24.98	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	21.09	24.18	33.00	PASS



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1.2 Max Power Test Result for LTE Band CA_7C(ANT4)

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	QPSK	23.43	21.73	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	23.74	22.04	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	23.35	21.65	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	23.55	21.85	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	23.66	21.96	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	23.58	21.88	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	23.18	21.48	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	23.42	21.72	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	23.27	21.57	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	23.61	21.91	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	23.09	21.39	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	23.19	21.49	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	23.10	21.4	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	23.21	21.51	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	23.67	21.97	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	23.64	21.94	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	23.60	21.9	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	23.80	22.1	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	23.46	21.76	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	23.77	22.07	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	23.47	21.77	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	23.13	21.43	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	23.19	21.49	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	23.38	21.68	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	23.59	21.89	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	23.27	21.57	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	23.68	21.98	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	23.22	21.52	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	23.26	21.56	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	23.47	21.77	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	23.30	21.6	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	23.51	21.81	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	23.47	21.77	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	23.73	22.03	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	23.44	21.74	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	23.72	22.02	33.00	PASS



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CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	22.14	20.44	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	22.08	20.38	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	22.24	20.54	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	22.25	20.55	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	23.03	21.33	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	23.42	21.72	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	23.42	21.72	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	22.27	20.57	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	22.64	20.94	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	22.41	20.71	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	22.54	20.84	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	23.61	21.91	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	23.16	21.46	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	23.32	21.62	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	22.48	20.78	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	22.31	20.61	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	22.37	20.67	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	22.78	21.08	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	23.16	21.46	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	23.47	21.77	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	23.28	21.58	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	22.60	20.9	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	22.24	20.54	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	22.71	21.01	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	22.40	20.7	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	23.12	21.42	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	23.50	21.8	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	23.18	21.48	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	22.15	20.45	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	22.20	20.5	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	21.93	20.23	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	22.07	20.37	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	21.97	20.27	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	20.55	18.85	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	20.55	18.85	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	20.98	19.28	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	20.87	19.17	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	21.94	20.24	33.00	PASS



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CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	21.75	20.05	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	21.21	19.51	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	20.35	18.65	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	20.83	19.13	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	20.44	18.74	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	20.80	19.1	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	22.08	20.38	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	22.09	20.39	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	21.84	20.14	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	21.02	19.32	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	20.82	19.12	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	20.88	19.18	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	20.68	18.98	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	22.08	20.38	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	22.37	20.67	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	21.77	20.07	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	20.27	18.57	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	20.80	19.1	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	20.50	18.8	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	20.74	19.04	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	21.72	20.02	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	21.82	20.12	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	21.73	20.03	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	20.52	18.82	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	20.83	19.13	33.00	PASS

Remark:

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

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

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



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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_7C	QPSK	100RB+100RB	21048+20850	100RB#0	100RB#0	5.28	13.00	PASS
CA_7C	QPSK	100RB+100RB	21199+21001	100RB#0	100RB#0	5.19	13.00	PASS
CA_7C	QPSK	100RB+100RB	21350+21152	100RB#0	100RB#0	5.19	13.00	PASS
CA_7C	16QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	6.12	13.00	PASS
CA_7C	16QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	6.09	13.00	PASS
CA_7C	16QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	6.03	13.00	PASS
CA_7C	64QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	6.78	13.00	PASS
CA_7C	64QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	6.78	13.00	PASS
CA_7C	64QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	6.70	13.00	PASS



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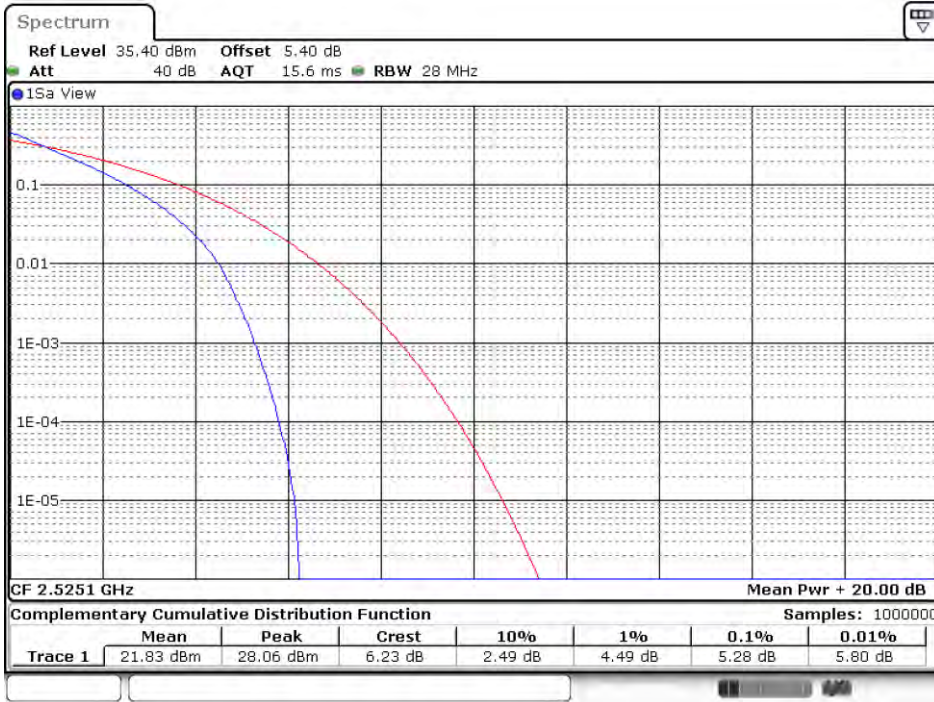
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2.1 For LTE

2.1.1 Test Band = LTE Band CA_7C

CA_7C_100RB+100RB_QPSK_21048+20850_100RB#0+100RB#0



Date: 22.FEB.2021 15:03:25



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CA_7C_100RB+100RB_QPSK_21199+21001_100RB#0+100RB#0



Date: 22.FEB.2021 15:03:02

CA_7C_100RB+100RB_QPSK_21350+21152_100RB#0+100RB#0



Date: 22.FEB.2021 15:03:47



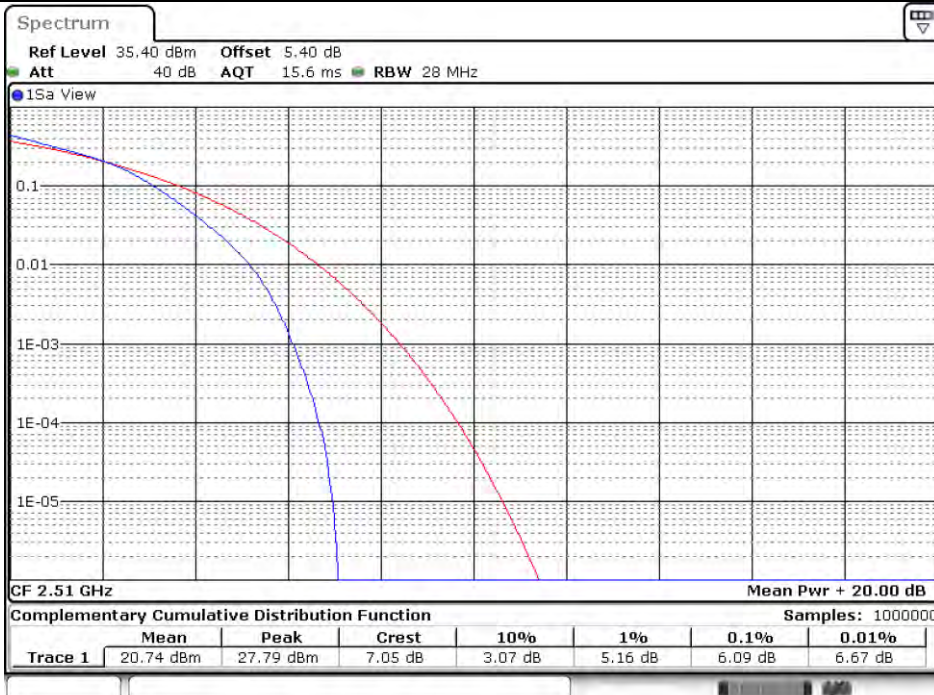


CA_7C_100RB+100RB_16QAM_21048+20850_100RB#0+100RB#0



Date: 22.FEB.2021 15:03:36

CA_7C_100RB+100RB_16QAM_21199+21001_100RB#0+100RB#0



Date: 22.FEB.2021 15:03:13



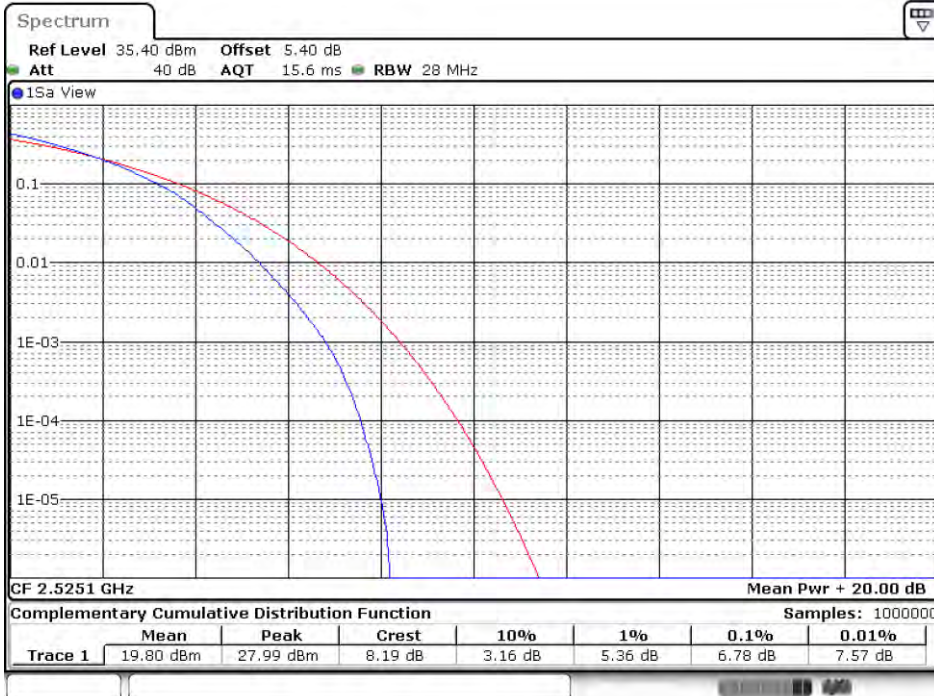


CA_7C_100RB+100RB_16QAM_21350+21152_100RB#0+100RB#0



Date: 22.FEB.2021 15:03:58

CA_7C_100RB+100RB_64QAM_21048+20850_100RB#0+100RB#0

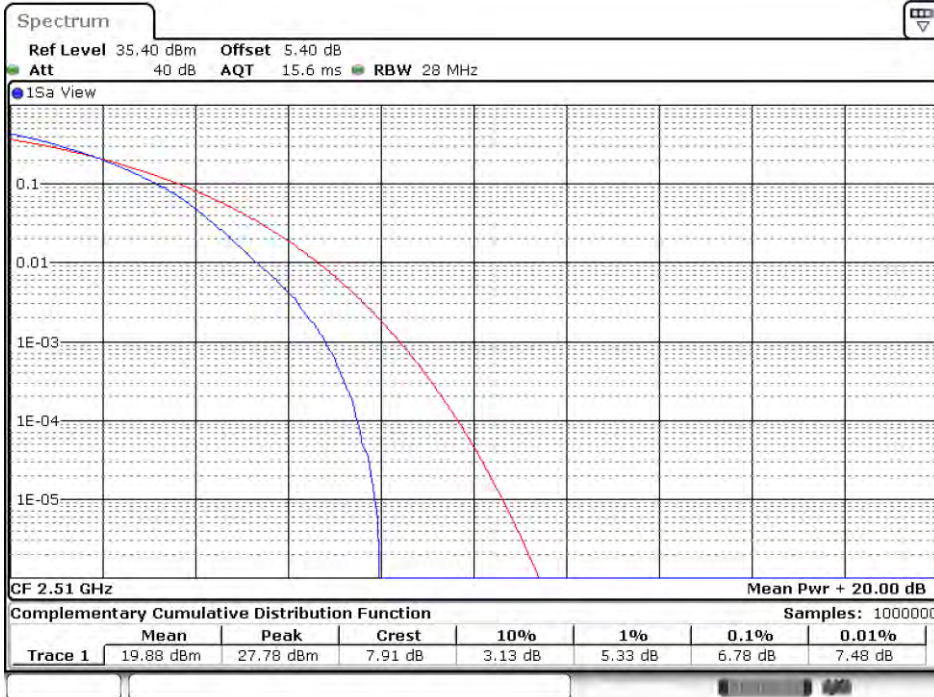


Date: 22.FEB.2021 15:04:38



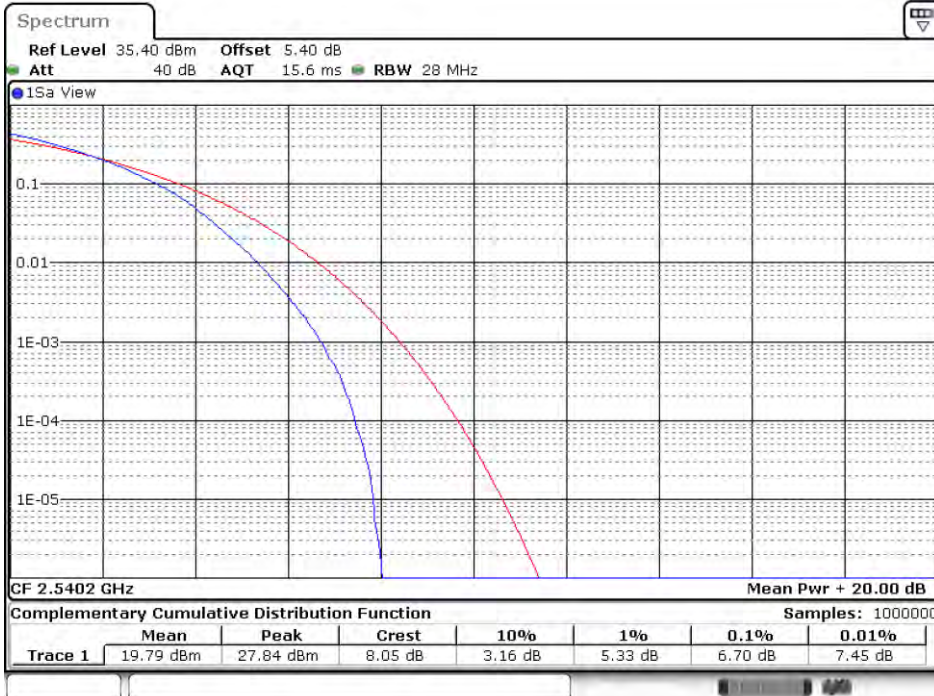


CA_7C_100RB+100RB_64QAM_21199+21001_100RB#0+100RB#0



Date: 22.FEB.2021 15:04:27

CA_7C_100RB+100RB_64QAM_21350+21152_100RB#0+100RB#0



Date: 22.FEB.2021 15:04:50





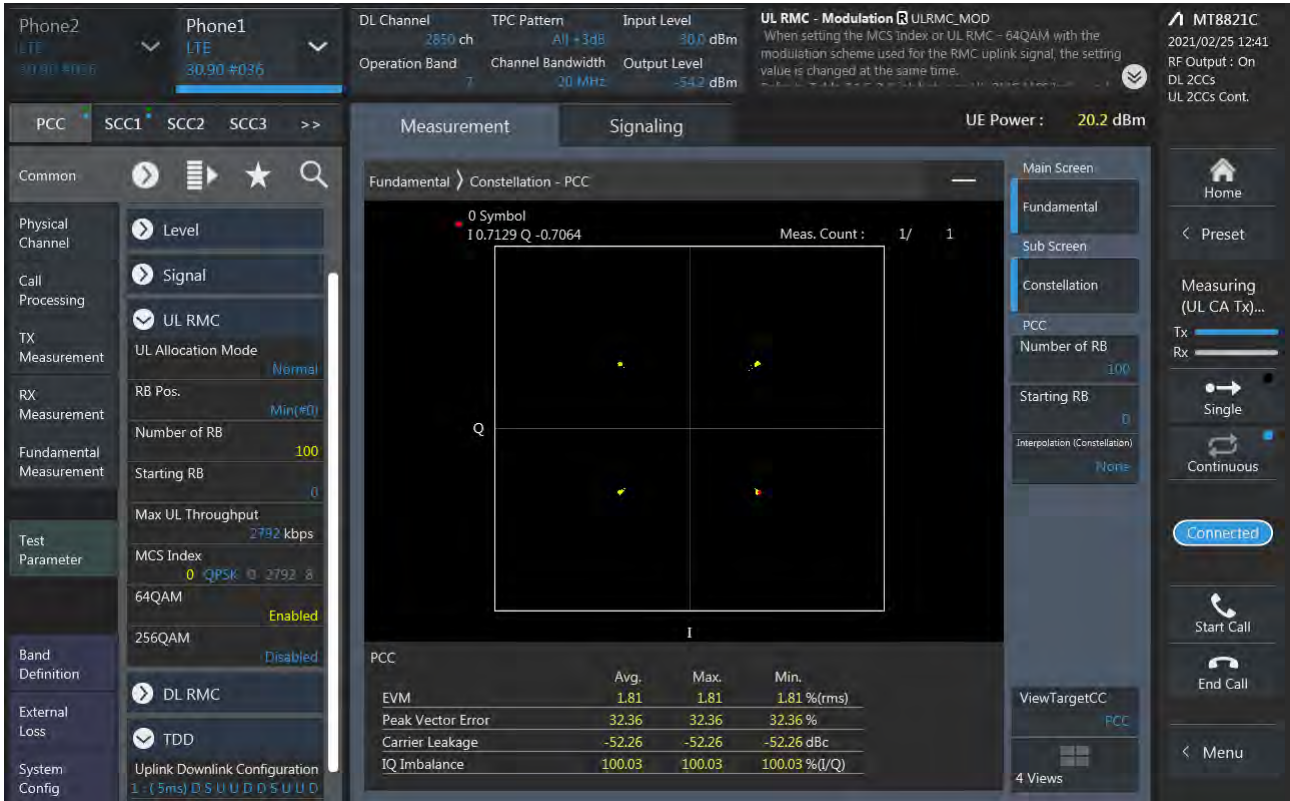
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_7C

3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

3.1.1.1.1 Test Channel = 20850+20994



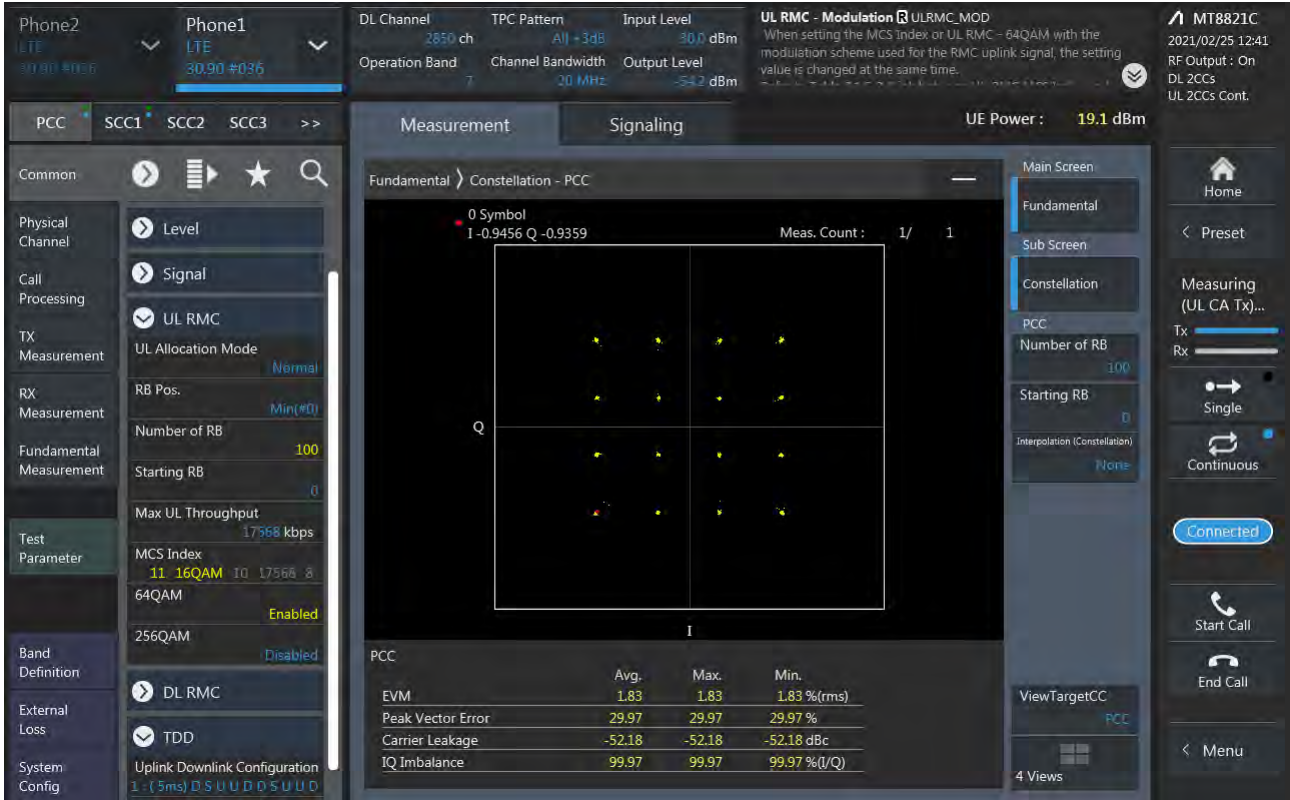
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3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

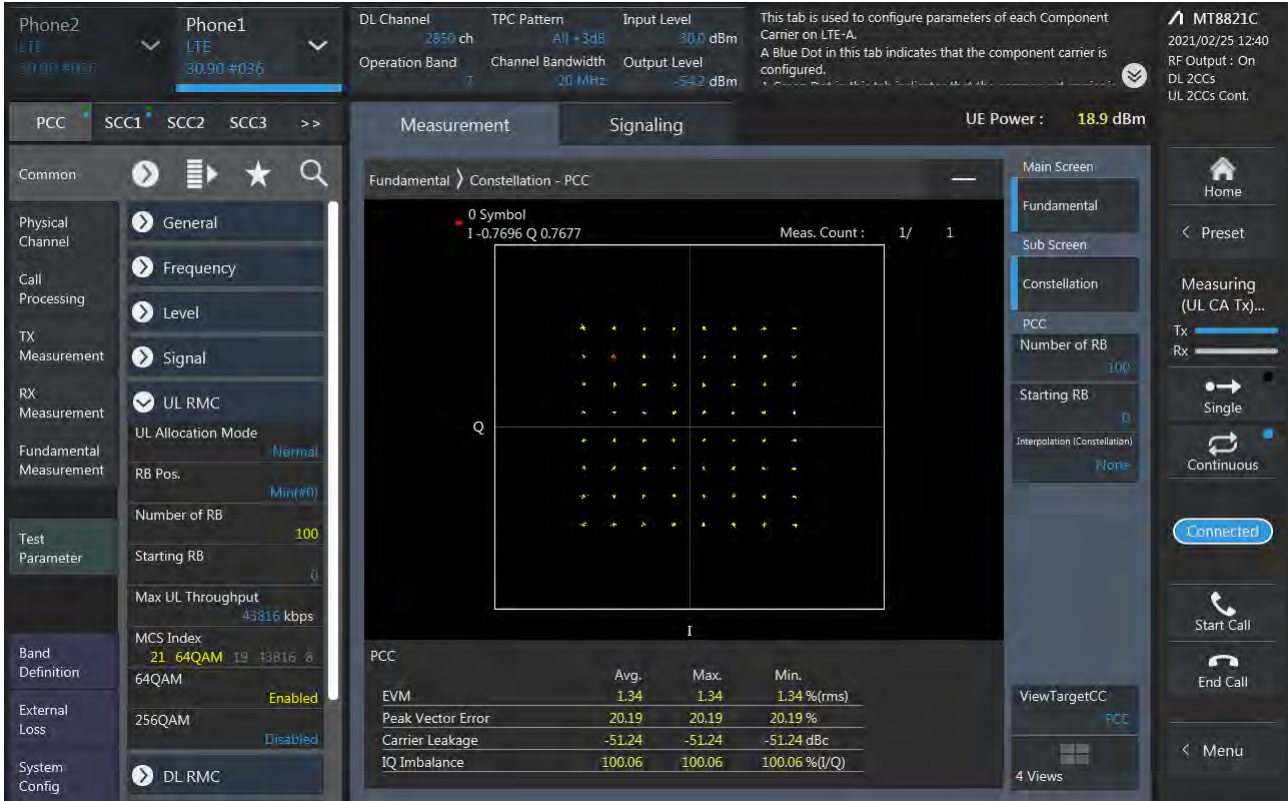
3.1.1.2.1 Test Channel =20850+20994





3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 Test Channel = 20850+20994





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_7C	50RB+100RB	QPSK	20805+20949	50RB#0+100RB#0	27.53	28.58	PASS
CA_7C	50RB+100RB	16QAM	20805+20949	50RB#0+100RB#0	27.5	28.54	PASS
CA_7C	50RB+100RB	64QAM	20805+20949	50RB#0+100RB#0	27.52	28.60	PASS
CA_7C	50RB+100RB	QPSK	21006+21150	50RB#0+100RB#0	27.58	28.58	PASS
CA_7C	50RB+100RB	16QAM	21006+21150	50RB#0+100RB#0	27.58	28.57	PASS
CA_7C	50RB+100RB	64QAM	21006+21150	50RB#0+100RB#0	27.58	28.60	PASS
CA_7C	50RB+100RB	QPSK	21206+21350	50RB#0+100RB#0	27.46	28.55	PASS
CA_7C	50RB+100RB	16QAM	21206+21350	50RB#0+100RB#0	27.44	28.63	PASS
CA_7C	50RB+100RB	64QAM	21206+21350	50RB#0+100RB#0	27.46	28.57	PASS
CA_7C	75RB+50RB	QPSK	20825+20945	75RB#0+50RB#0	23.1	24.38	PASS
CA_7C	75RB+50RB	16QAM	20825+20945	75RB#0+50RB#0	23.11	24.37	PASS
CA_7C	75RB+50RB	64QAM	20825+20945	75RB#0+50RB#0	23.09	24.37	PASS
CA_7C	75RB+50RB	QPSK	21051+21171	75RB#0+50RB#0	23.17	24.41	PASS
CA_7C	75RB+50RB	16QAM	21051+21171	75RB#0+50RB#0	23.18	24.41	PASS
CA_7C	75RB+50RB	64QAM	21051+21171	75RB#0+50RB#0	23.18	24.39	PASS
CA_7C	75RB+50RB	QPSK	21277+21397	75RB#0+50RB#0	23.06	24.35	PASS
CA_7C	75RB+50RB	16QAM	21277+21397	75RB#0+50RB#0	23.07	24.39	PASS
CA_7C	75RB+50RB	64QAM	21277+21397	75RB#0+50RB#0	23.06	24.34	PASS
CA_7C	75RB+75RB	QPSK	20825+20975	75RB#0+75RB#0	28.16	29.18	PASS
CA_7C	75RB+75RB	16QAM	20825+20975	75RB#0+75RB#0	28.13	29.17	PASS
CA_7C	75RB+75RB	64QAM	20825+20975	75RB#0+75RB#0	28.13	29.18	PASS
CA_7C	75RB+75RB	QPSK	21025+21175	75RB#0+75RB#0	28.25	29.21	PASS
CA_7C	75RB+75RB	16QAM	21025+21175	75RB#0+75RB#0	28.27	29.23	PASS
CA_7C	75RB+75RB	64QAM	21025+21175	75RB#0+75RB#0	28.25	29.23	PASS
CA_7C	75RB+75RB	QPSK	21225+21375	75RB#0+75RB#0	28.12	29.15	PASS
CA_7C	75RB+75RB	16QAM	21225+21375	75RB#0+75RB#0	28.12	29.17	PASS
CA_7C	75RB+75RB	64QAM	21225+21375	75RB#0+75RB#0	28.12	29.17	PASS
CA_7C	75RB+100RB	QPSK	20828+20999	75RB#0+100RB#0	32.39	33.93	PASS
CA_7C	75RB+100RB	16QAM	20828+20999	75RB#0+100RB#0	32.41	33.93	PASS
CA_7C	75RB+100RB	64QAM	20828+20999	75RB#0+100RB#0	32.39	33.89	PASS
CA_7C	75RB+100RB	QPSK	21003+21174	75RB#0+100RB#0	32.59	33.95	PASS
CA_7C	75RB+100RB	16QAM	21003+21174	75RB#0+100RB#0	32.59	33.93	PASS
CA_7C	75RB+100RB	64QAM	21003+21174	75RB#0+100RB#0	32.59	33.93	PASS



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 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_7C	75RB+100RB	QPSK	21179+21350	75RB#0+100RB#0	32.45	33.87	PASS
CA_7C	75RB+100RB	16QAM	21179+21350	75RB#0+100RB#0	32.45	33.93	PASS
CA_7C	75RB+100RB	64QAM	21179+21350	75RB#0+100RB#0	32.45	33.87	PASS
CA_7C	100RB+50RB	QPSK	20850+20994	100RB#0+50RB#0	27.65	29.08	PASS
CA_7C	100RB+50RB	16QAM	20850+20994	100RB#0+50RB#0	27.64	29.08	PASS
CA_7C	100RB+50RB	64QAM	20850+20994	100RB#0+50RB#0	27.64	29.08	PASS
CA_7C	100RB+50RB	QPSK	21051+21195	100RB#0+50RB#0	27.82	29.14	PASS
CA_7C	100RB+50RB	16QAM	21051+21195	100RB#0+50RB#0	27.8	29.09	PASS
CA_7C	100RB+50RB	64QAM	21051+21195	100RB#0+50RB#0	27.8	29.11	PASS
CA_7C	100RB+50RB	QPSK	21251+21395	100RB#0+50RB#0	27.64	29.05	PASS
CA_7C	100RB+50RB	16QAM	21251+21395	100RB#0+50RB#0	27.64	29.06	PASS
CA_7C	100RB+50RB	64QAM	21251+21395	100RB#0+50RB#0	27.62	29.08	PASS
CA_7C	100RB+75RB	QPSK	20850+21021	100RB#0+75RB#0	32.49	33.91	PASS
CA_7C	100RB+75RB	16QAM	20850+21021	100RB#0+75RB#0	32.49	33.93	PASS
CA_7C	100RB+75RB	64QAM	20850+21021	100RB#0+75RB#0	32.47	33.95	PASS
CA_7C	100RB+75RB	QPSK	21026+21197	100RB#0+75RB#0	32.69	34.01	PASS
CA_7C	100RB+75RB	16QAM	21026+21197	100RB#0+75RB#0	32.71	33.97	PASS
CA_7C	100RB+75RB	64QAM	21026+21197	100RB#0+75RB#0	32.69	34.01	PASS
CA_7C	100RB+75RB	QPSK	21201+21372	100RB#0+75RB#0	32.53	33.93	PASS
CA_7C	100RB+75RB	16QAM	21201+21372	100RB#0+75RB#0	32.53	33.95	PASS
CA_7C	100RB+75RB	64QAM	21201+21372	100RB#0+75RB#0	32.53	33.95	PASS
CA_7C	100RB+100RB	QPSK	20850+21048	100RB#0+100RB#0	37.27	38.87	PASS
CA_7C	100RB+100RB	16QAM	20850+21048	100RB#0+100RB#0	37.27	38.87	PASS
CA_7C	100RB+100RB	64QAM	20850+21048	100RB#0+100RB#0	37.27	38.87	PASS
CA_7C	100RB+100RB	QPSK	21001+21199	100RB#0+100RB#0	37.49	38.87	PASS
CA_7C	100RB+100RB	16QAM	21001+21199	100RB#0+100RB#0	37.49	38.91	PASS
CA_7C	100RB+100RB	64QAM	21001+21199	100RB#0+100RB#0	37.47	38.89	PASS
CA_7C	100RB+100RB	QPSK	21152+21350	100RB#0+100RB#0	37.39	38.89	PASS
CA_7C	100RB+100RB	16QAM	21152+21350	100RB#0+100RB#0	37.37	38.89	PASS
CA_7C	100RB+100RB	64QAM	21152+21350	100RB#0+100RB#0	37.37	38.91	PASS

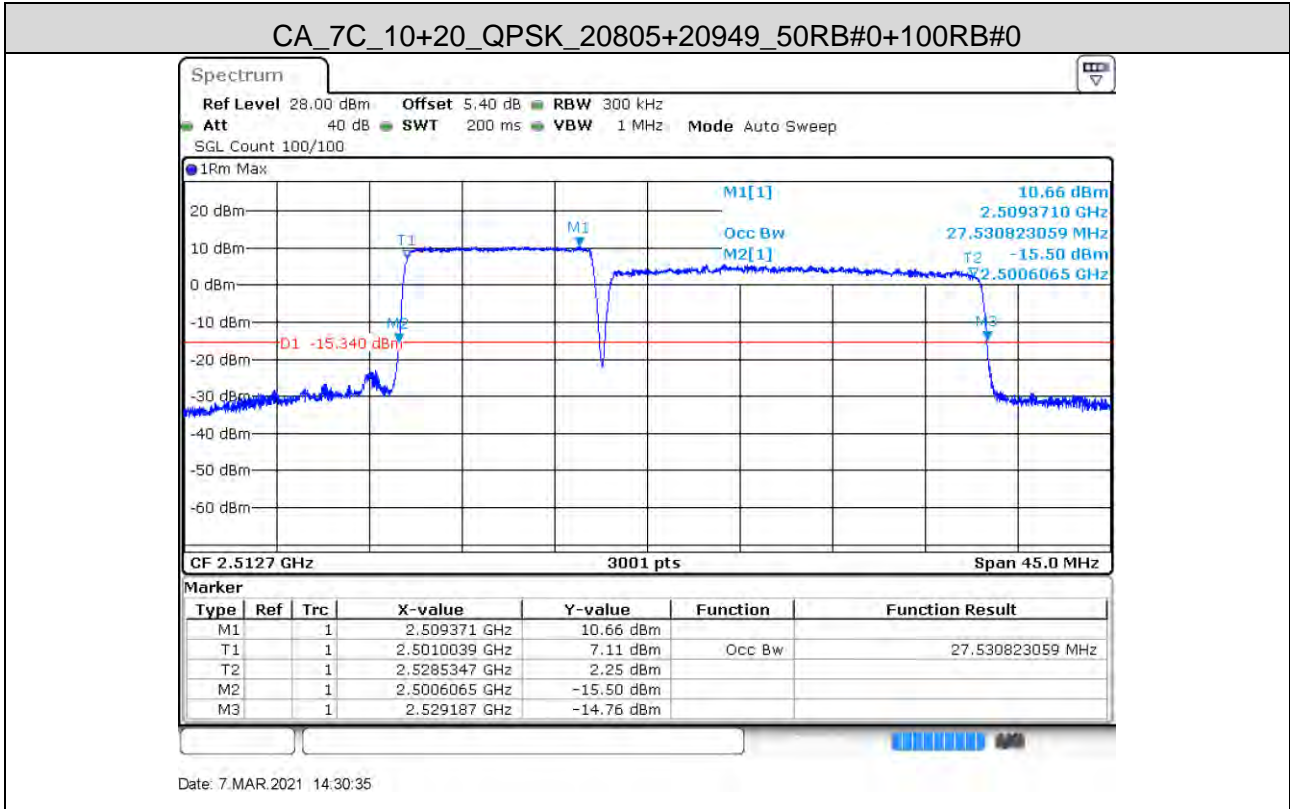


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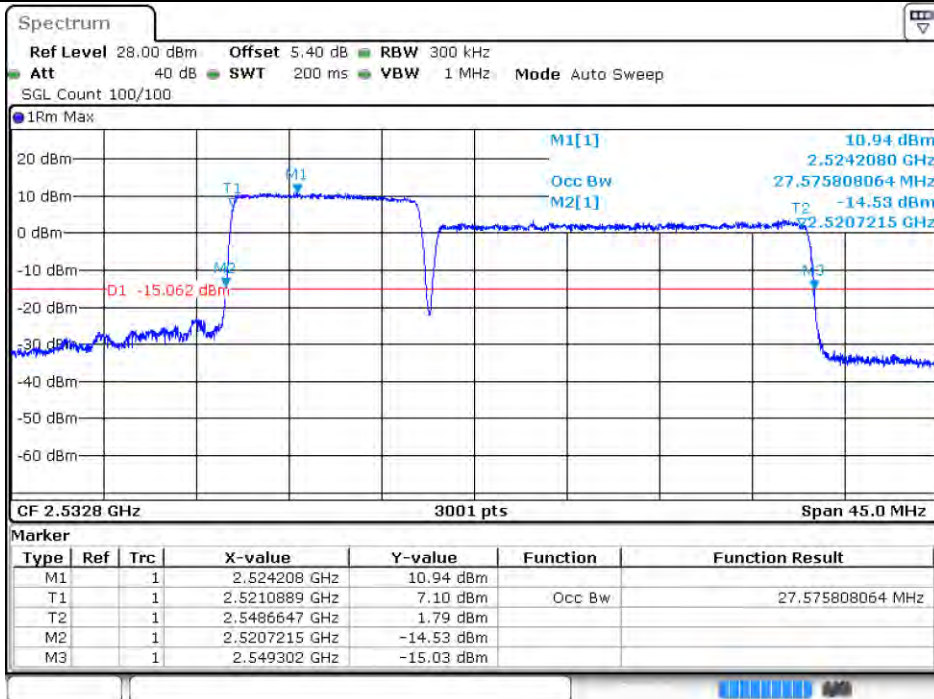
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4.1 For LTE

4.1.1 Test Band = LTE Band CA_7C

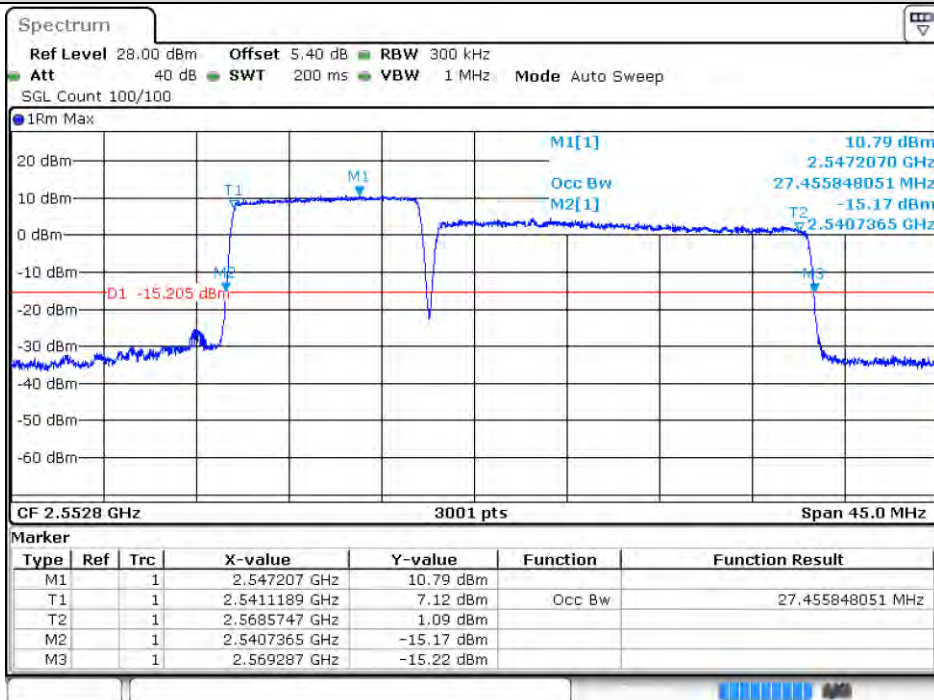


CA_7C_10+20_QPSK_21006+21150_50RB#0+100RB#0



Date: 7.MAR.2021 14:31:59

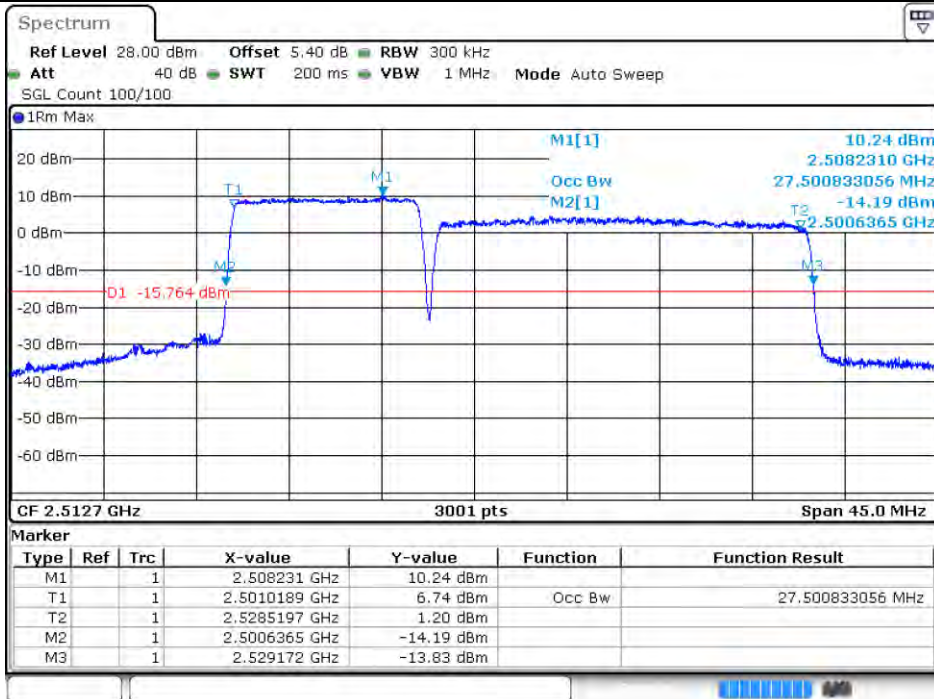
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Date: 7.MAR.2021 14:33:22

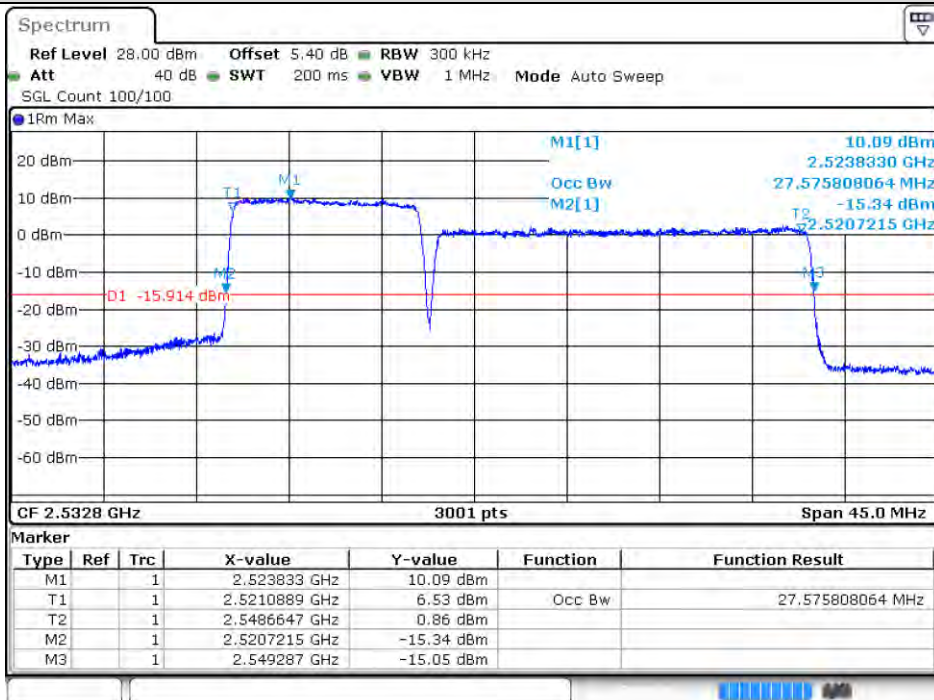


CA_7C_10+20_16QAM_20805+20949_50RB#0+100RB#0



Date: 7.MAR.2021 14:31:01

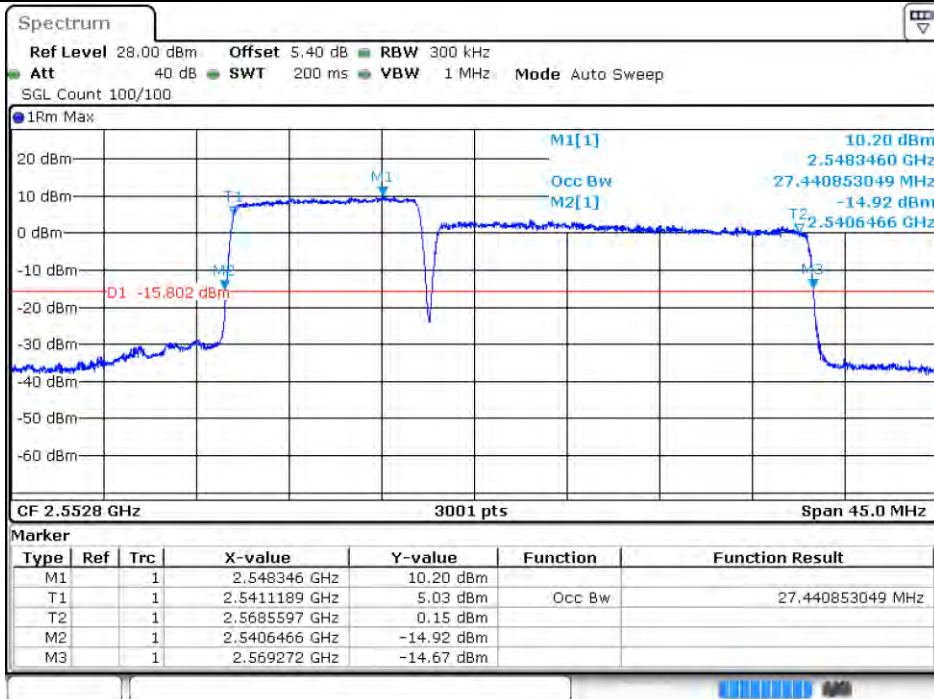
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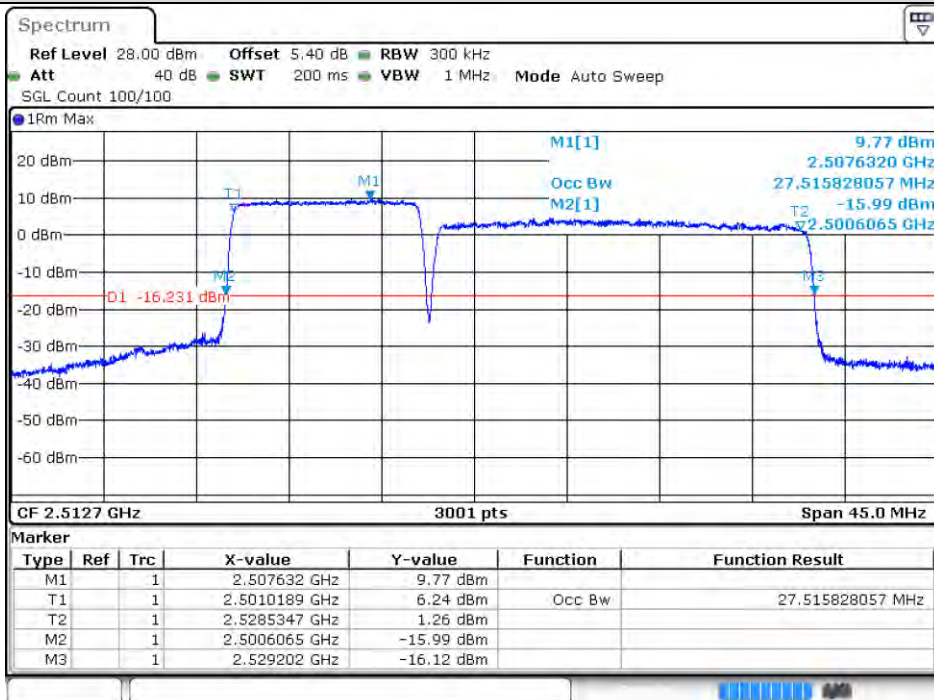


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Date: 7.MAR.2021 14:33:49

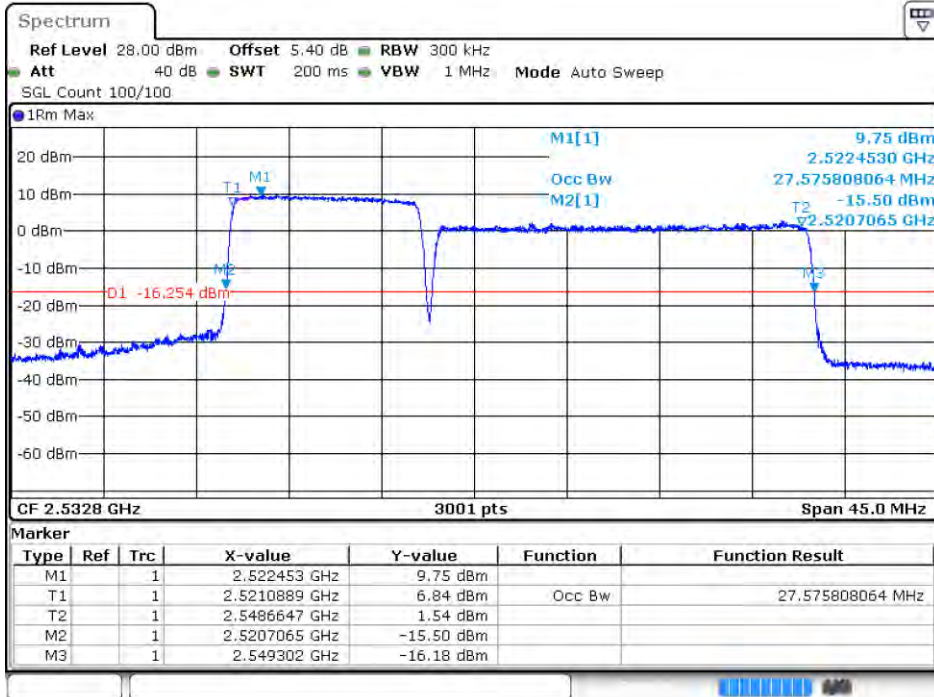
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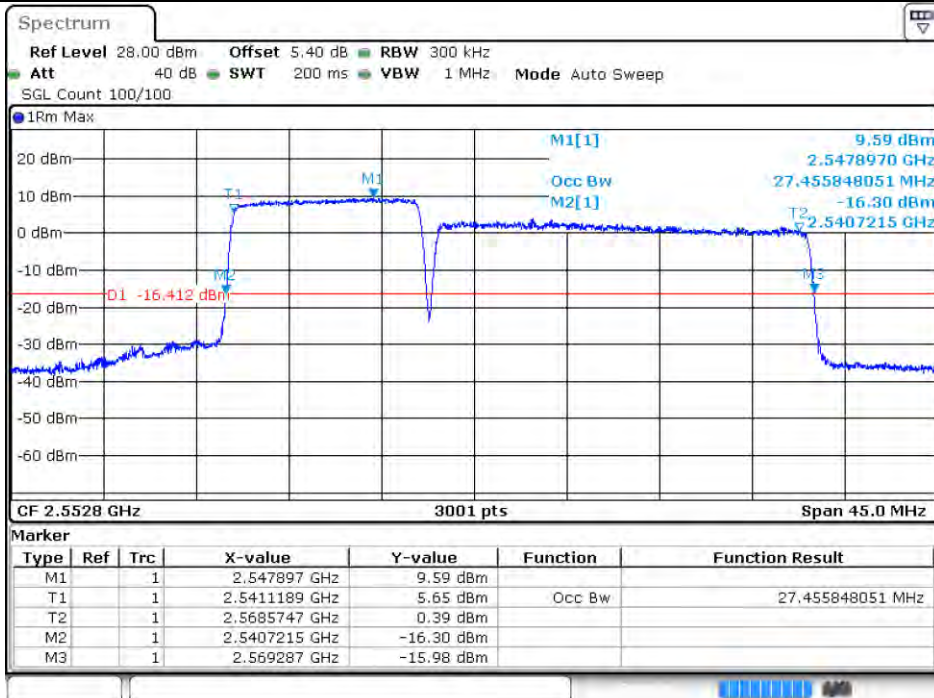


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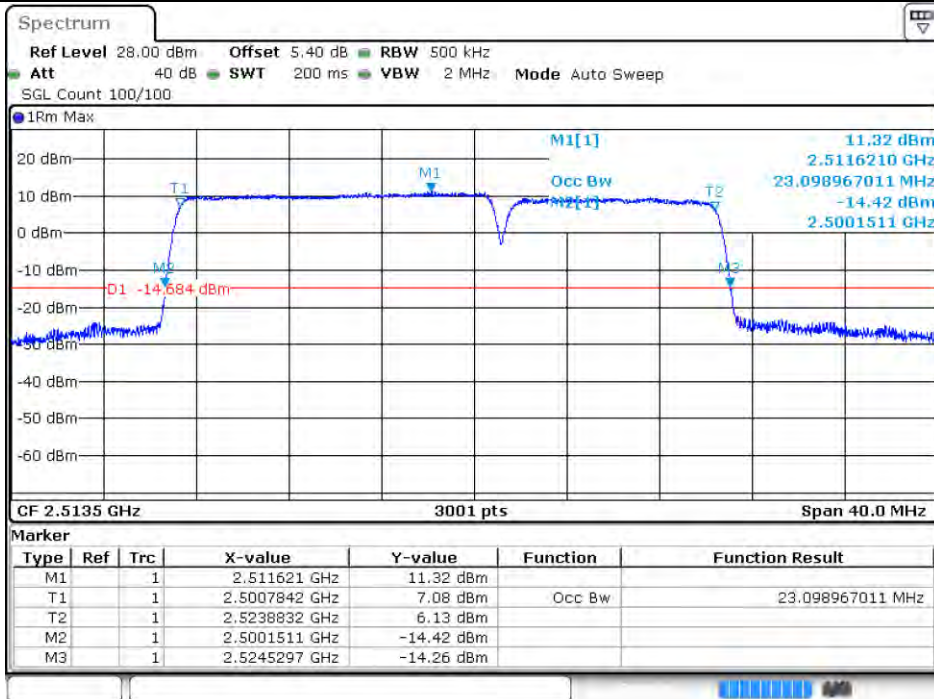
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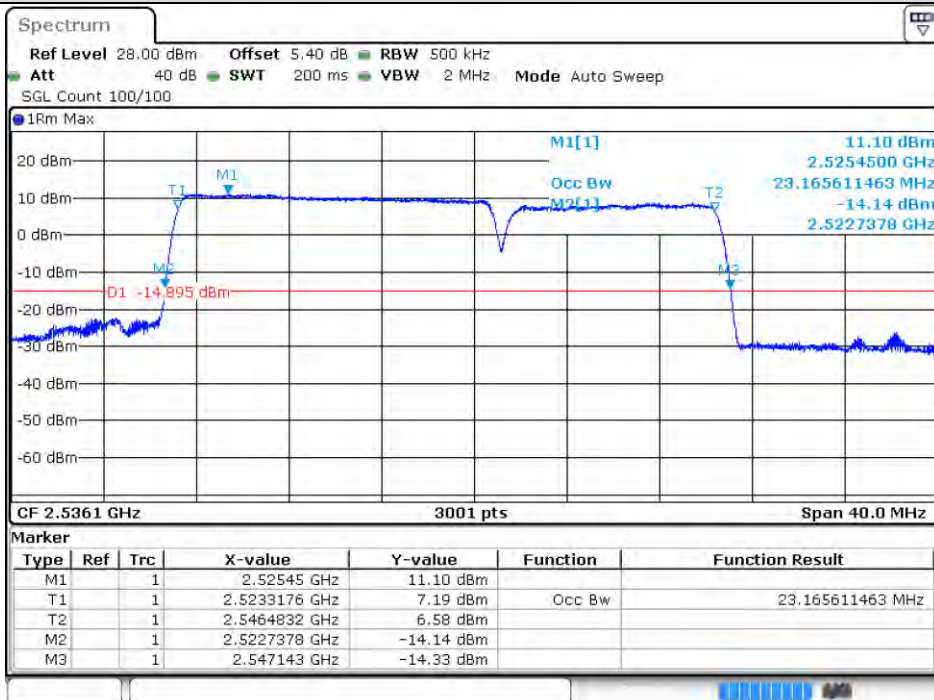


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Date: 7.MAR.2021 14:39:38

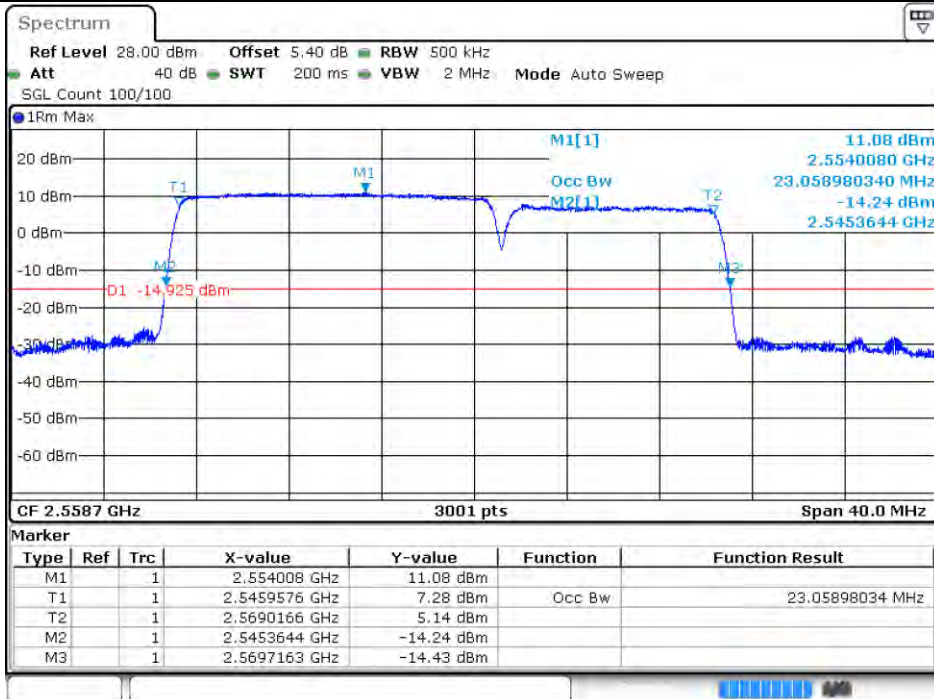
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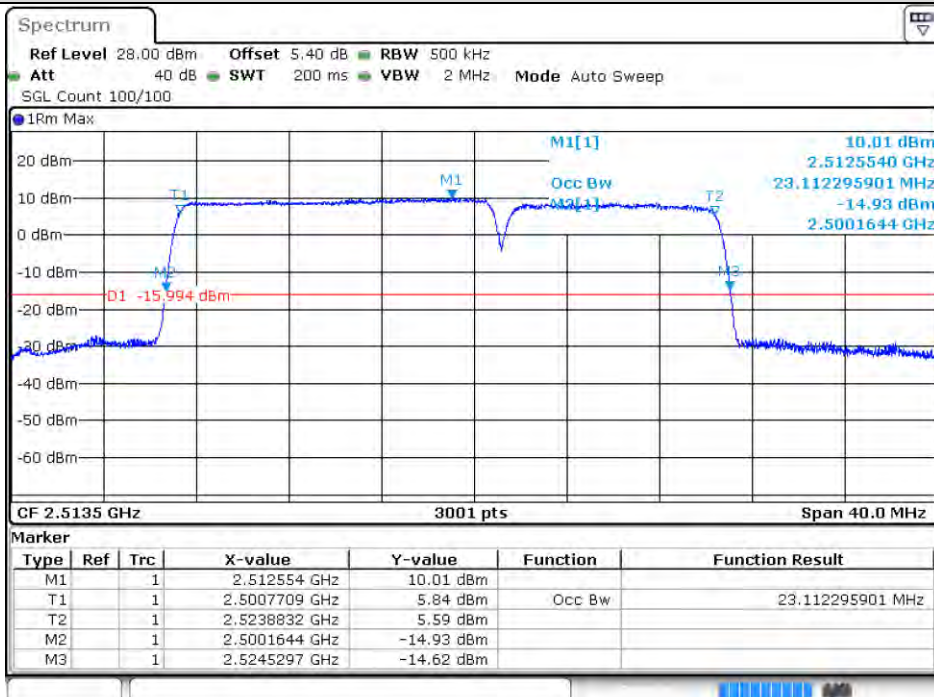


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Date: 7.MAR.2021 14:42:26

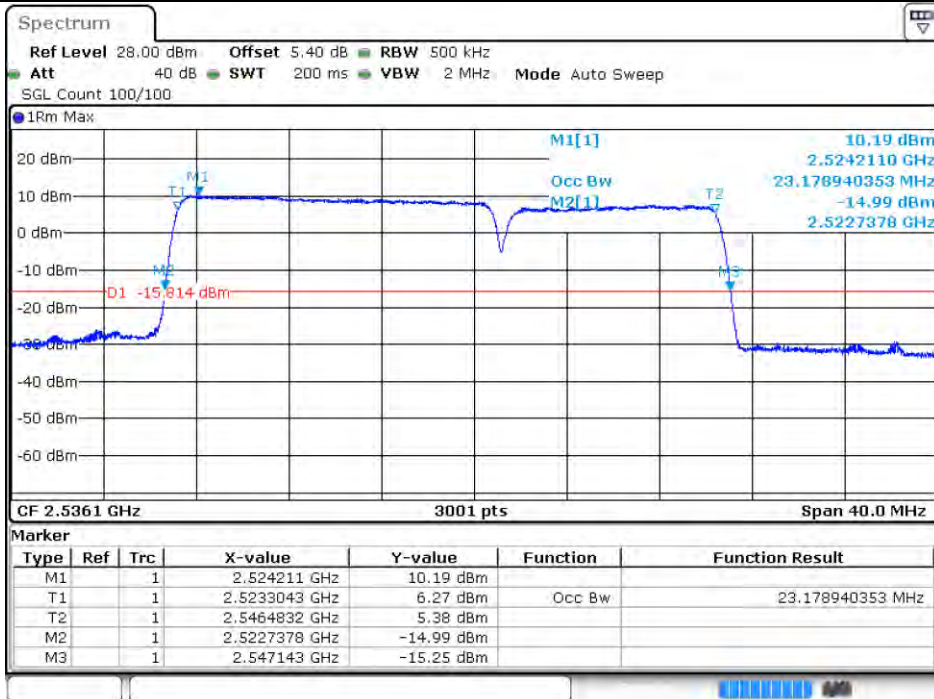
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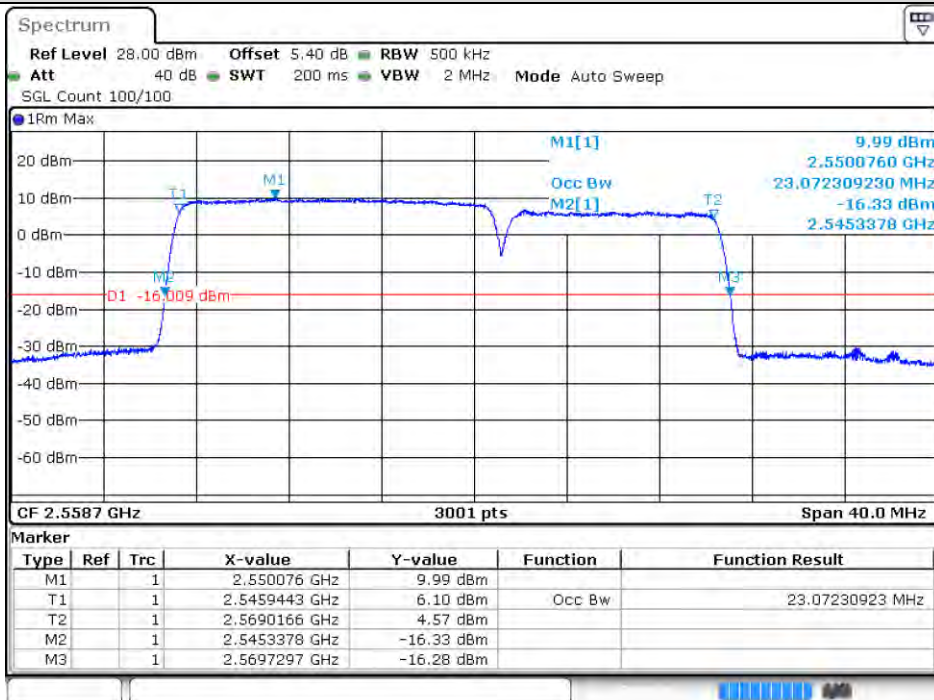


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Date: 7.MAR.2021 14:41:30

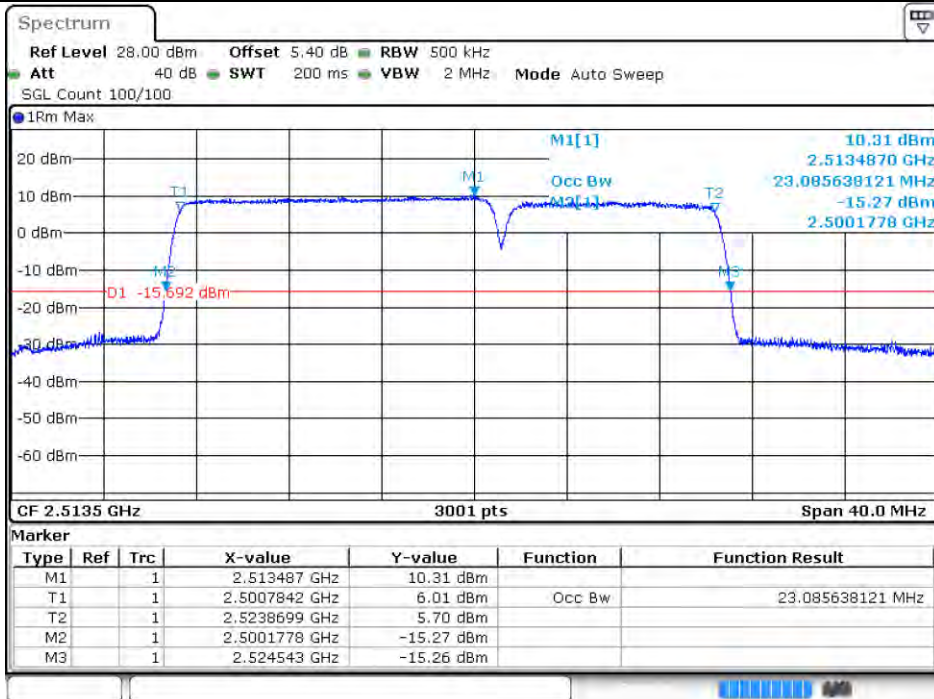
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Date: 7.MAR.2021 14:42:54

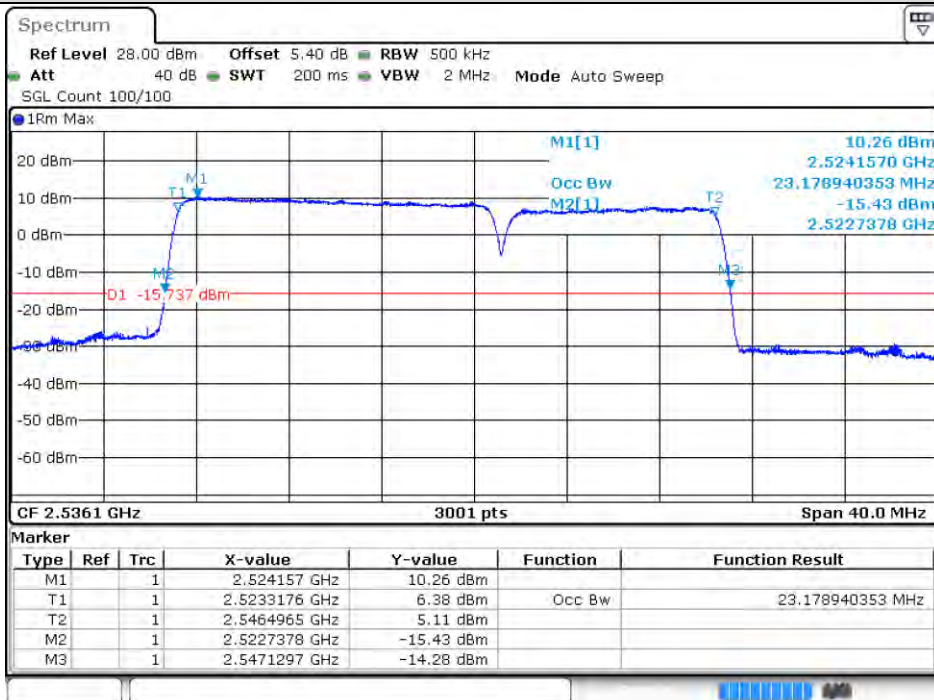


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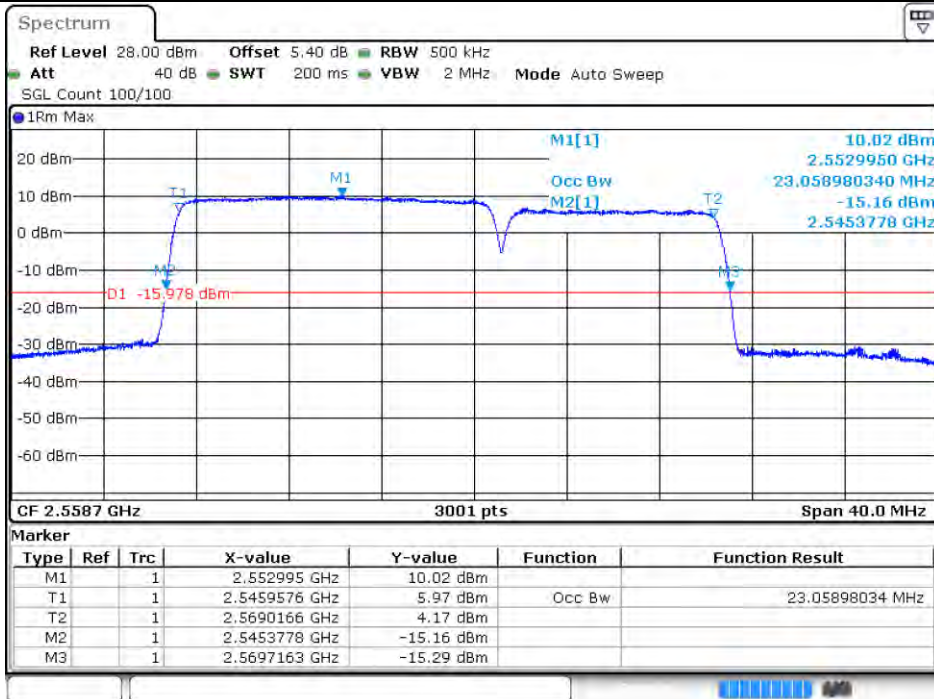
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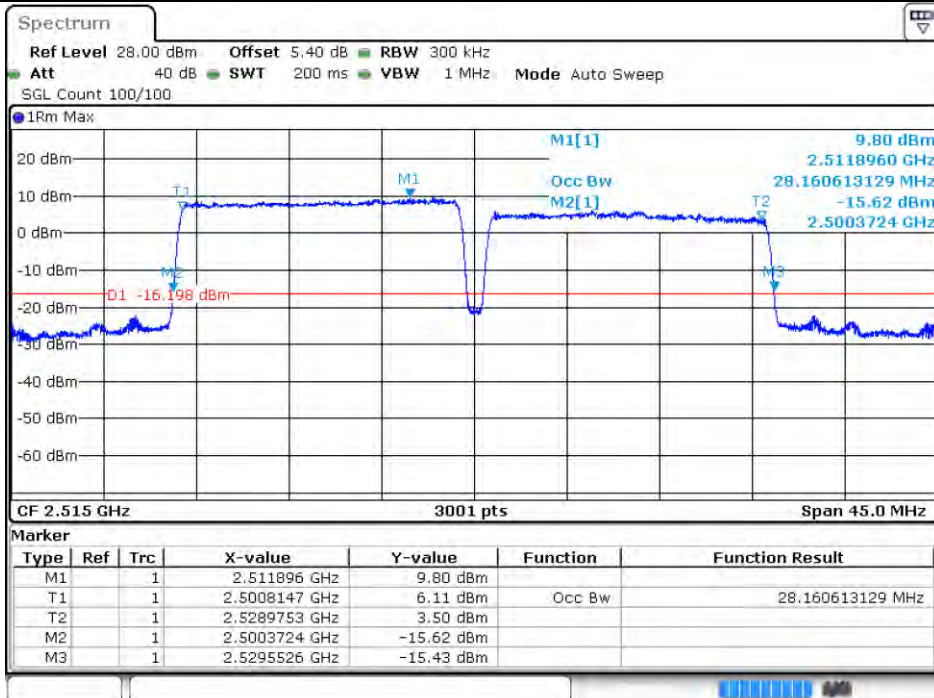


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Date: 7.MAR.2021 14:43:21

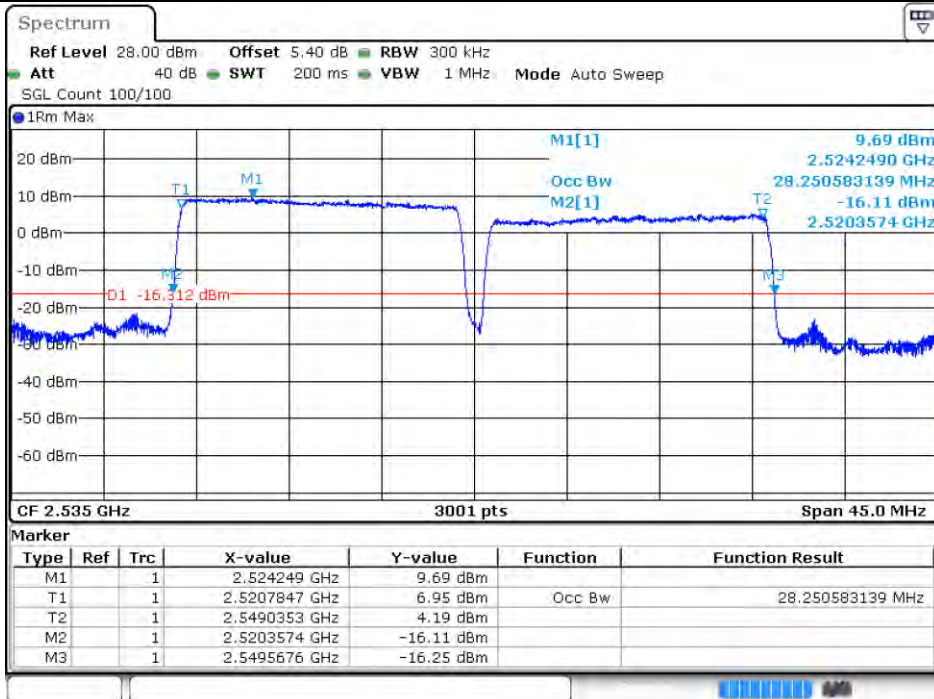
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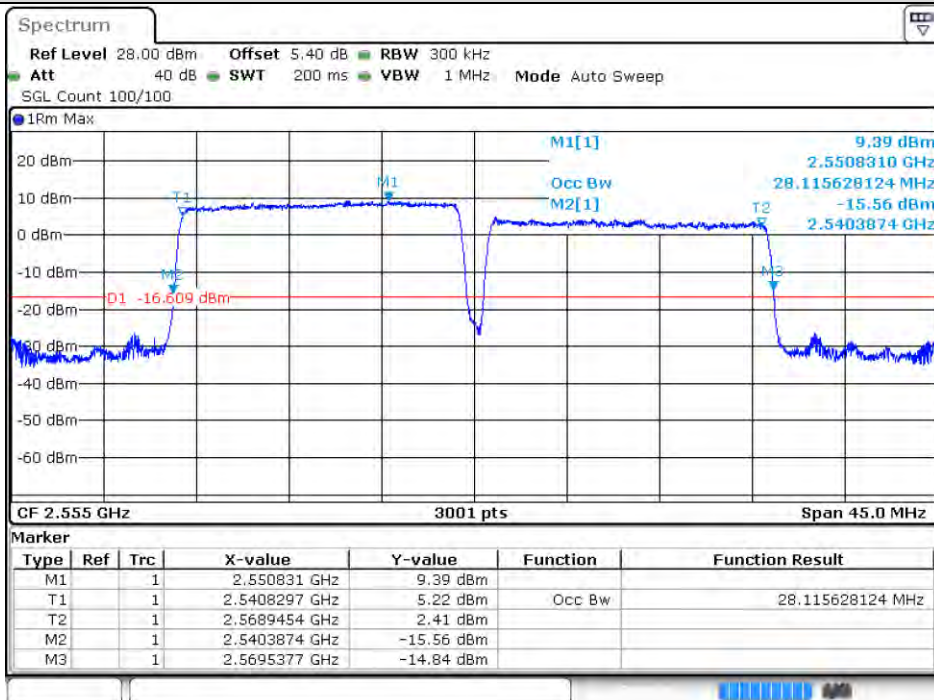


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Date: 7.MAR.2021 14:46:56

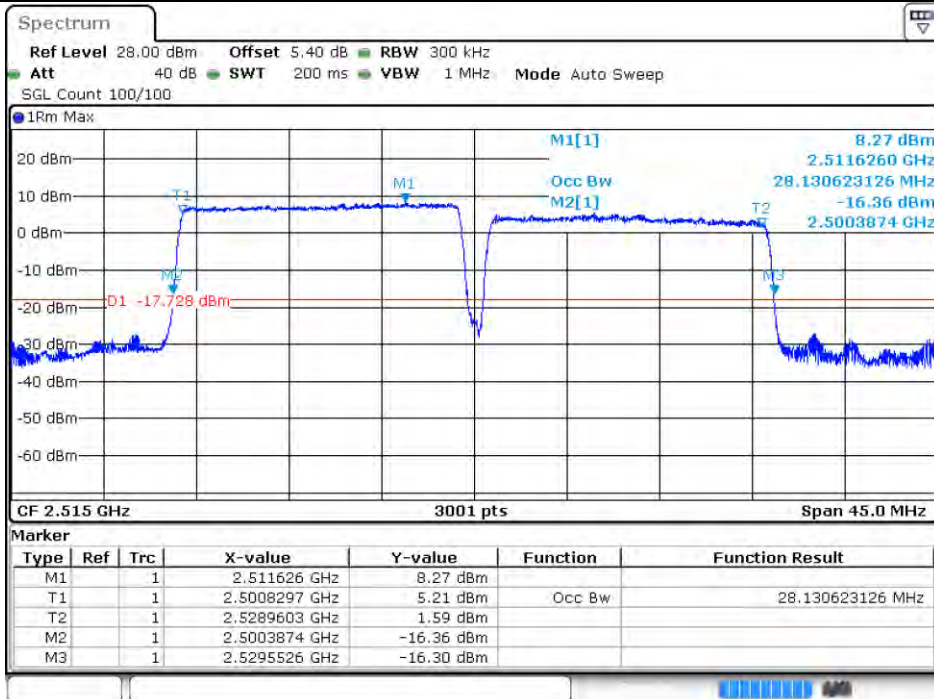
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Date: 7.MAR.2021 14:48:19

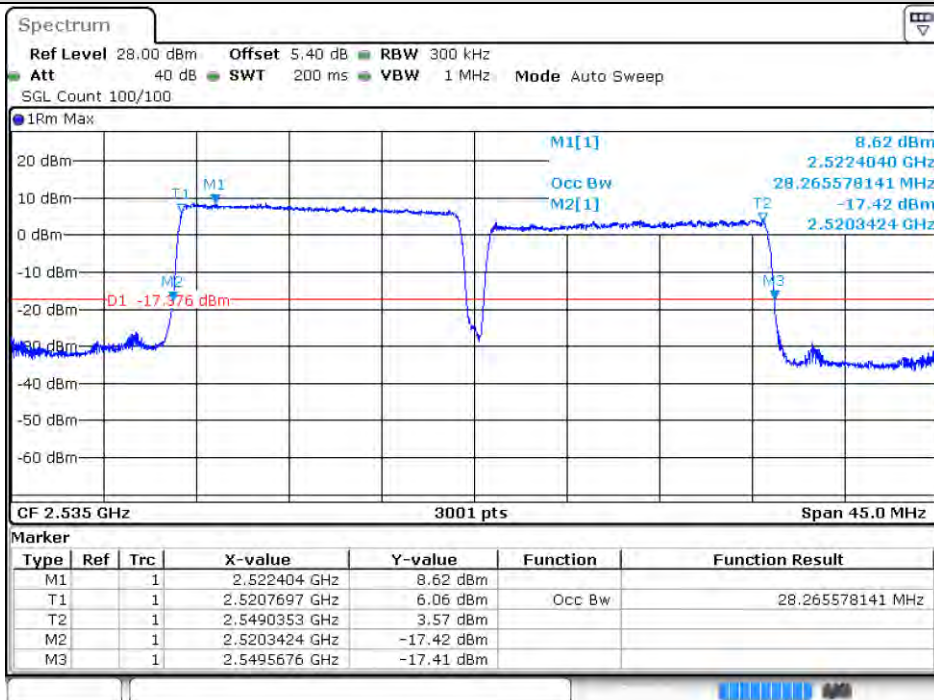


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Date: 7.MAR.2021 14:45:52

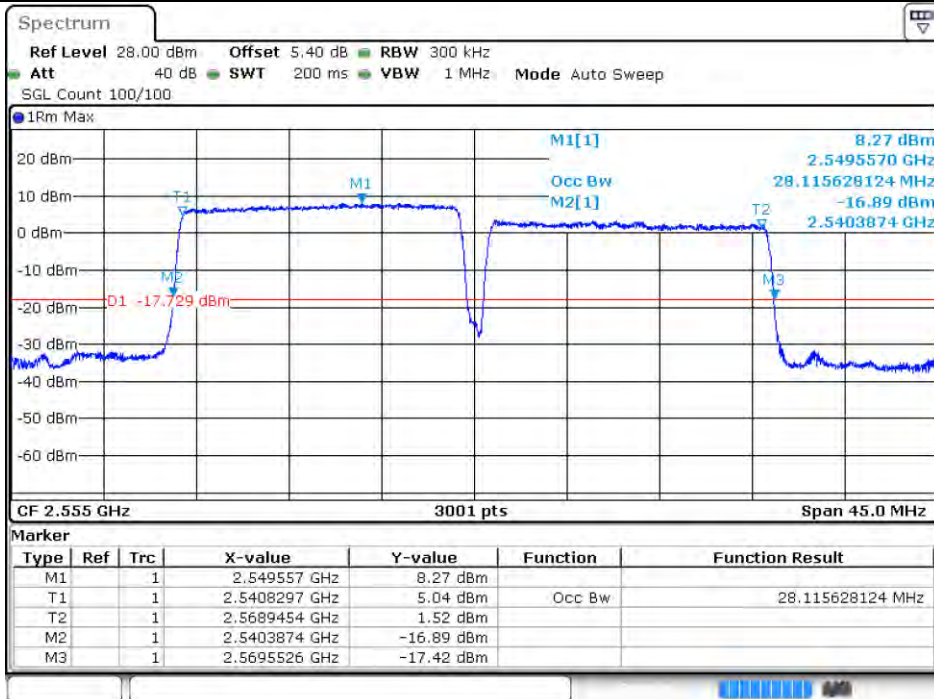
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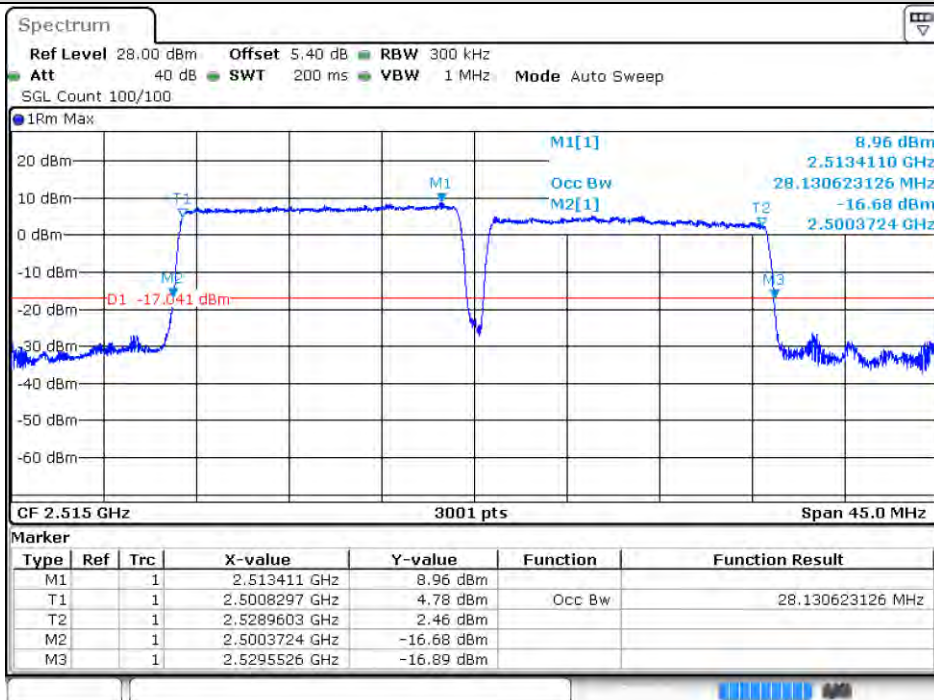


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Date: 7.MAR.2021 14:48:46

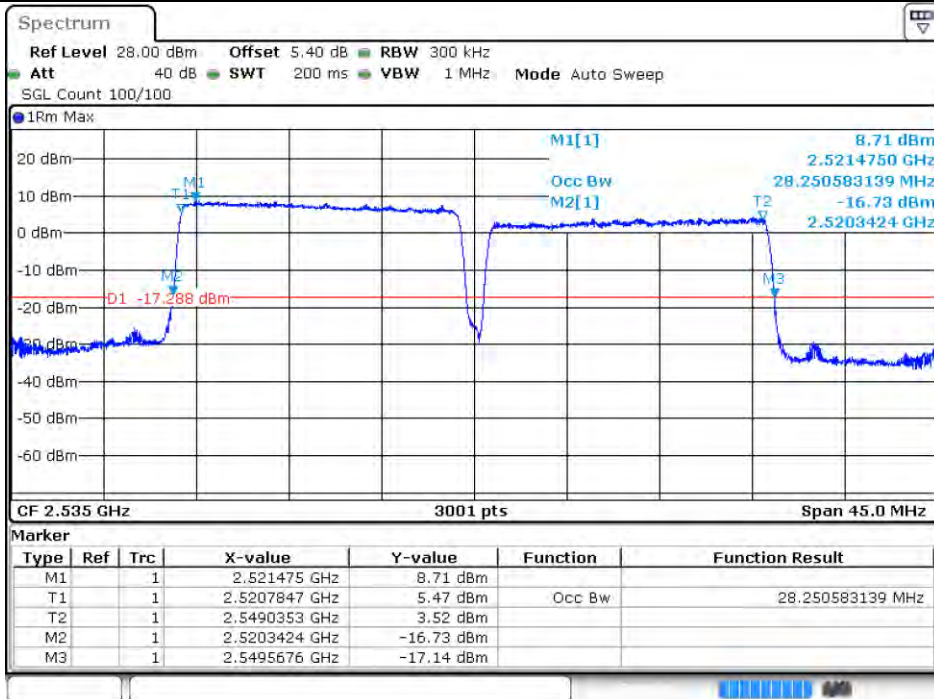
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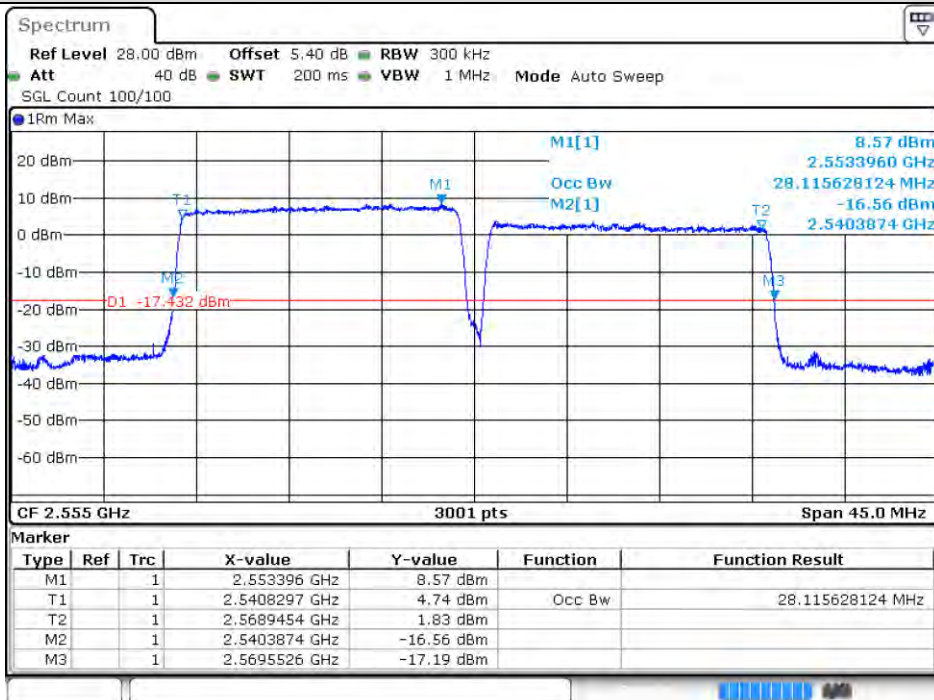


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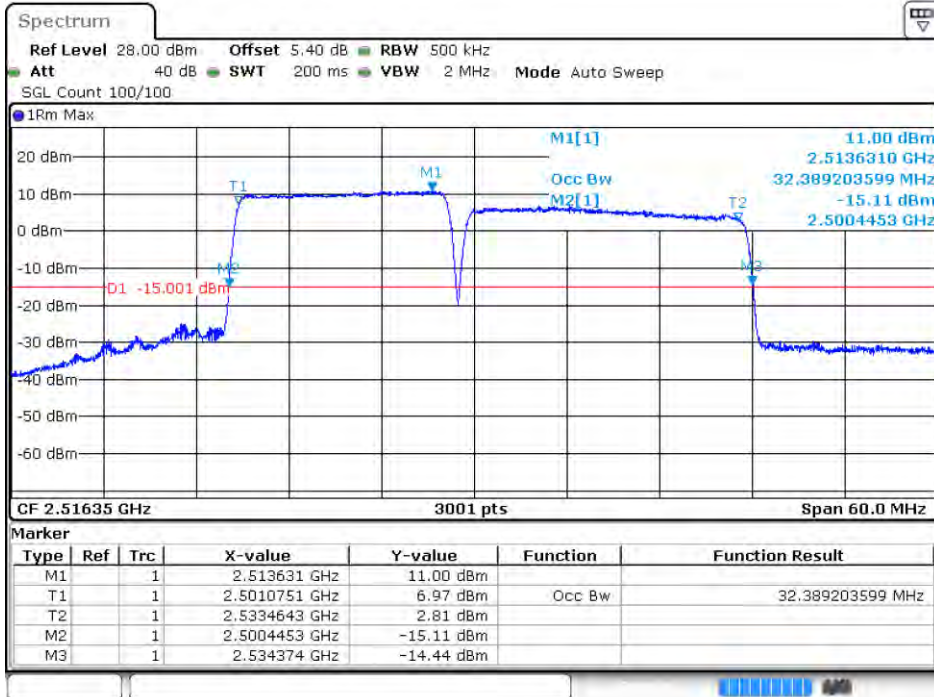
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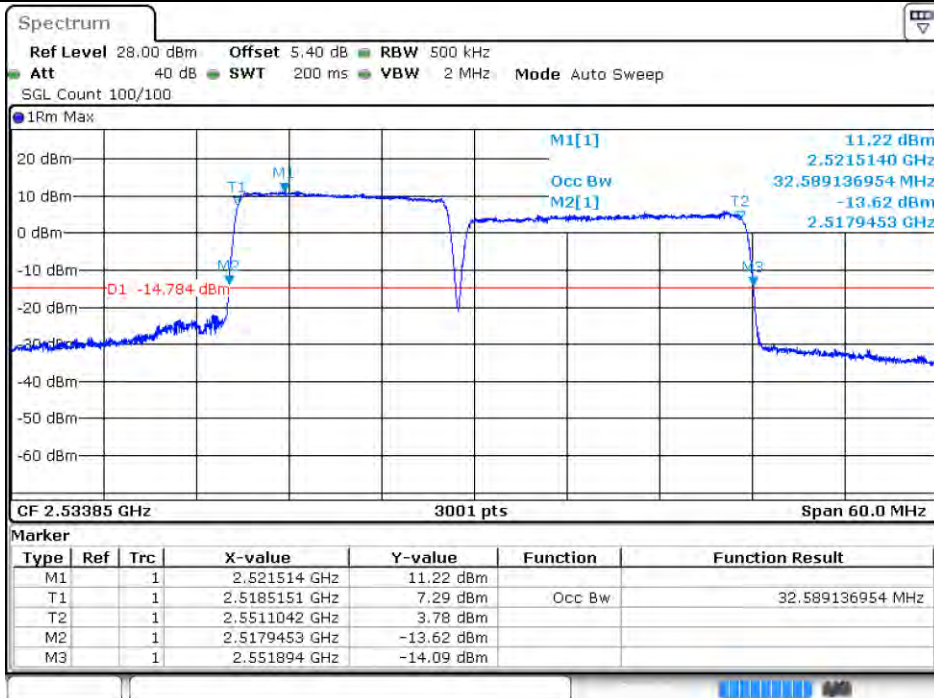


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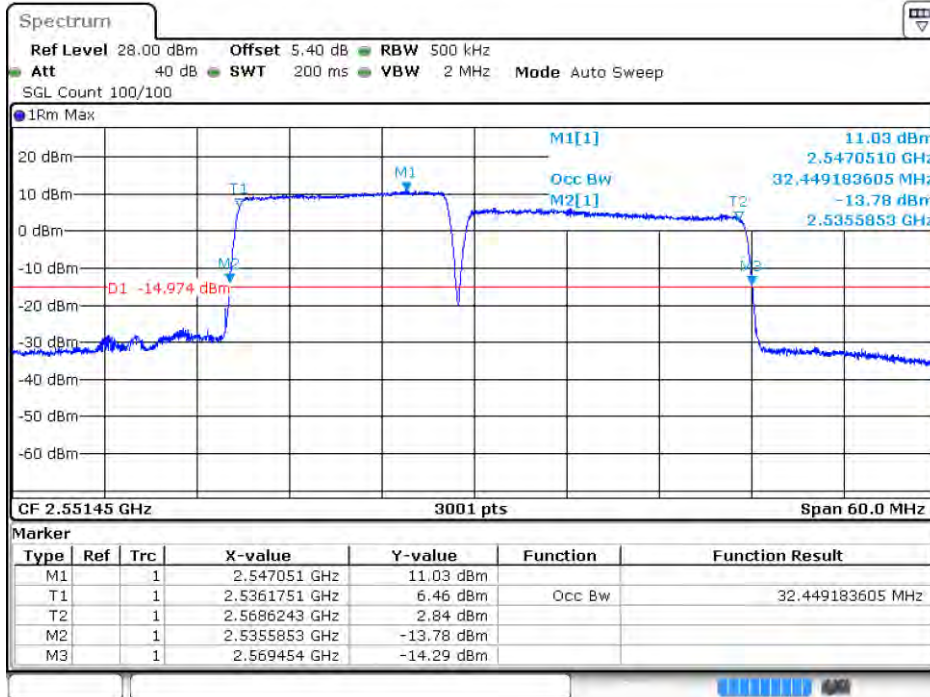
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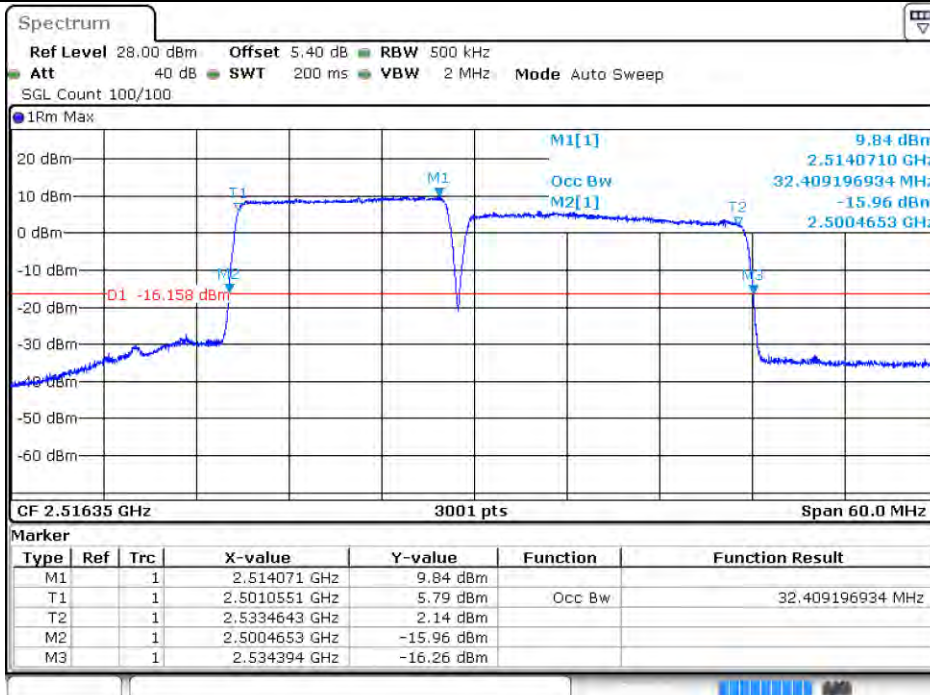


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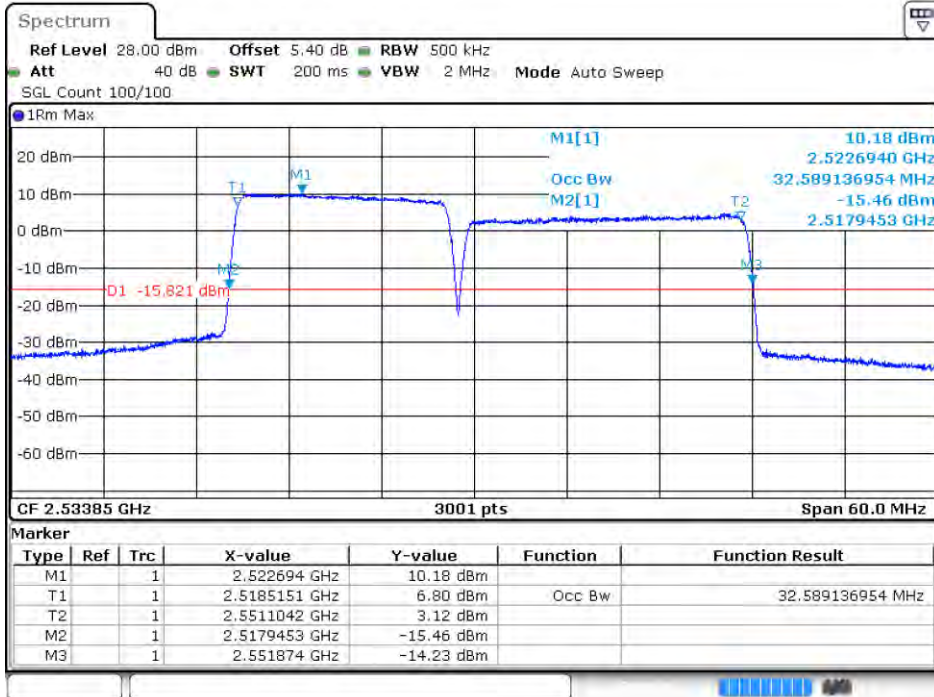
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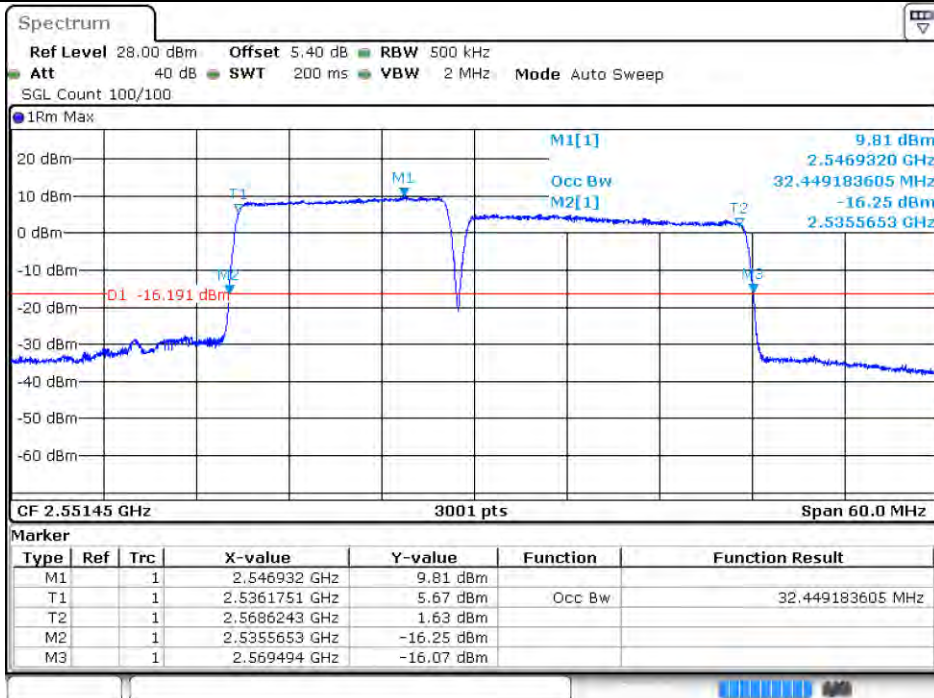


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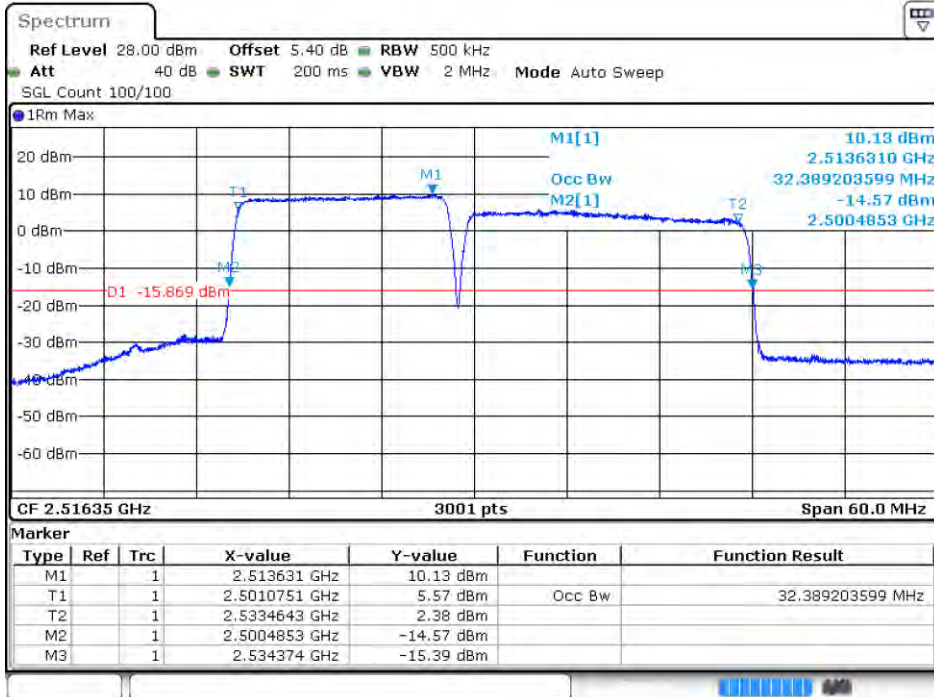
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Date: 7.MAR.2021 14:55:34

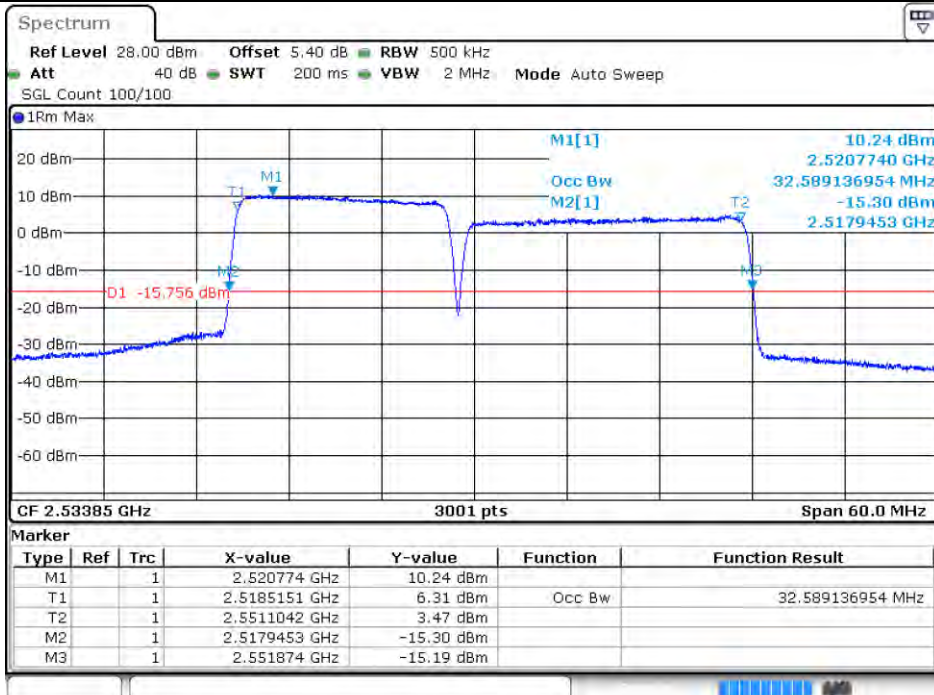


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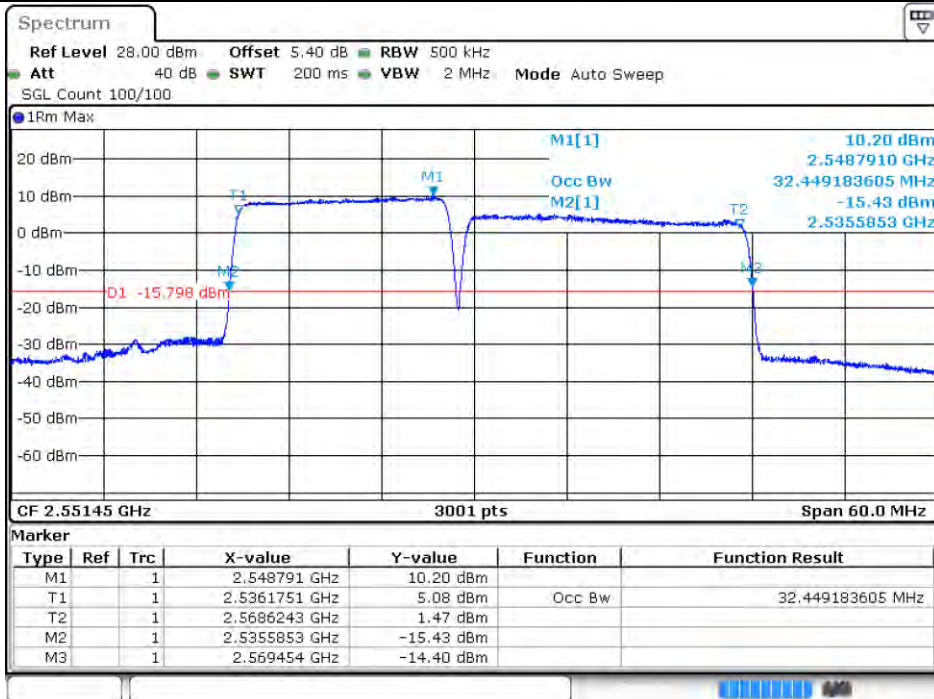
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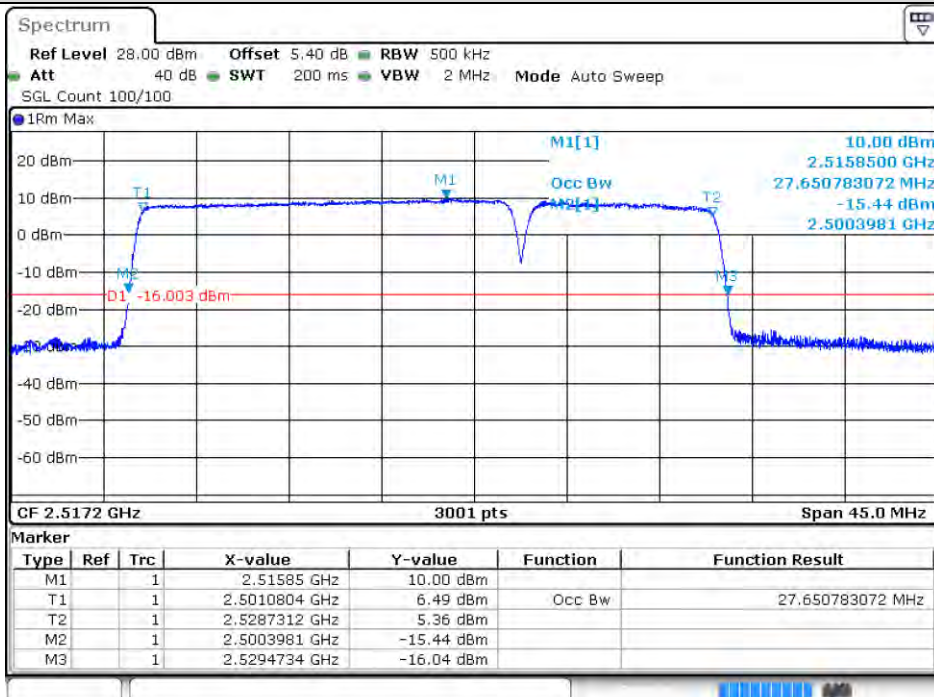


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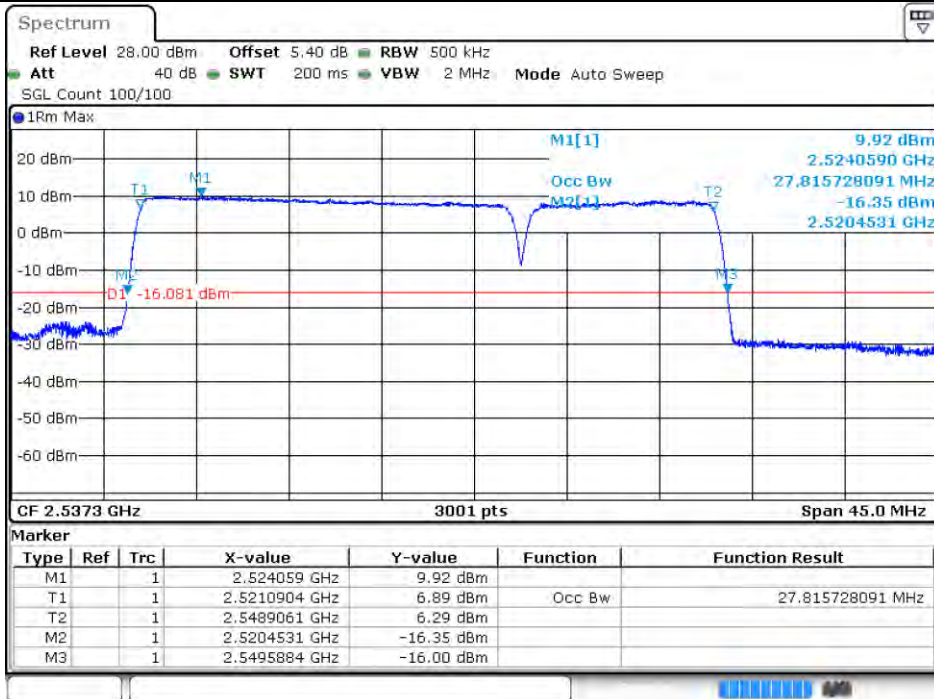
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Date: 7.MAR.2021 14:35:05

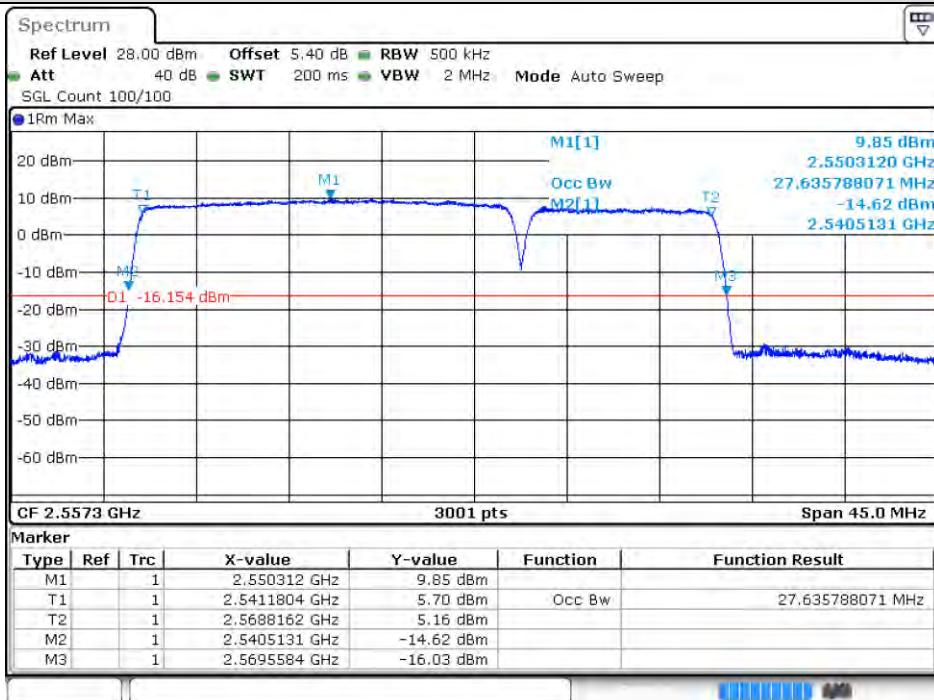


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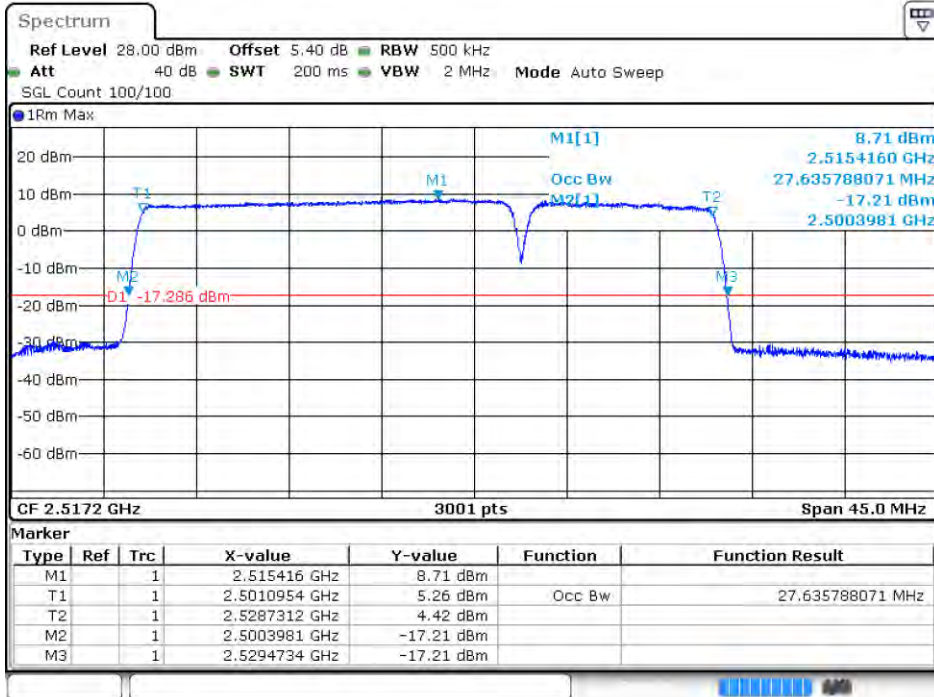
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Date: 7.MAR.2021 14:37:49

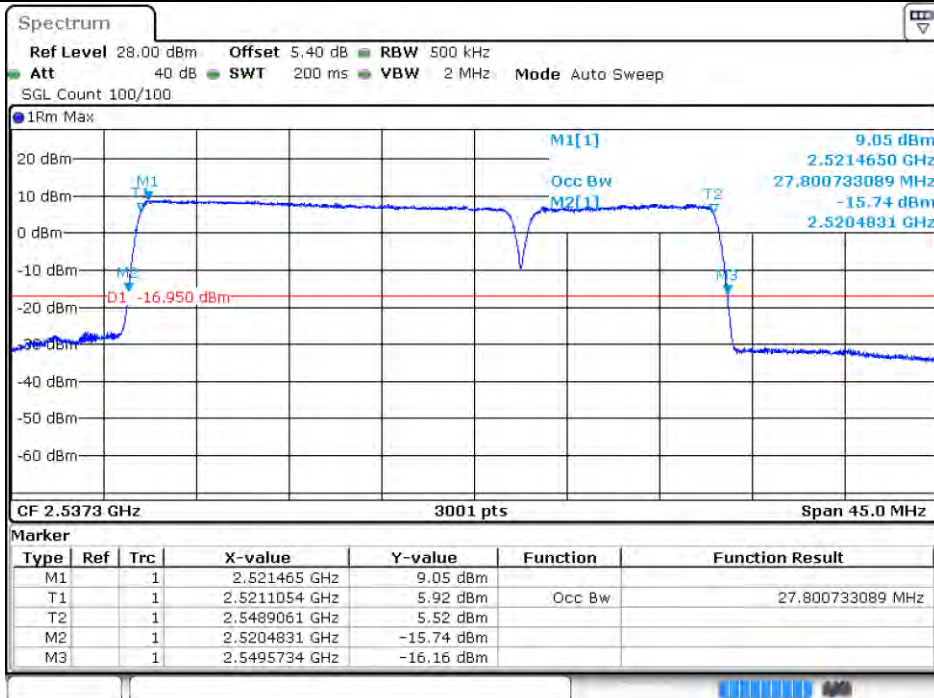


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Date: 7.MAR.2021 14:35:32

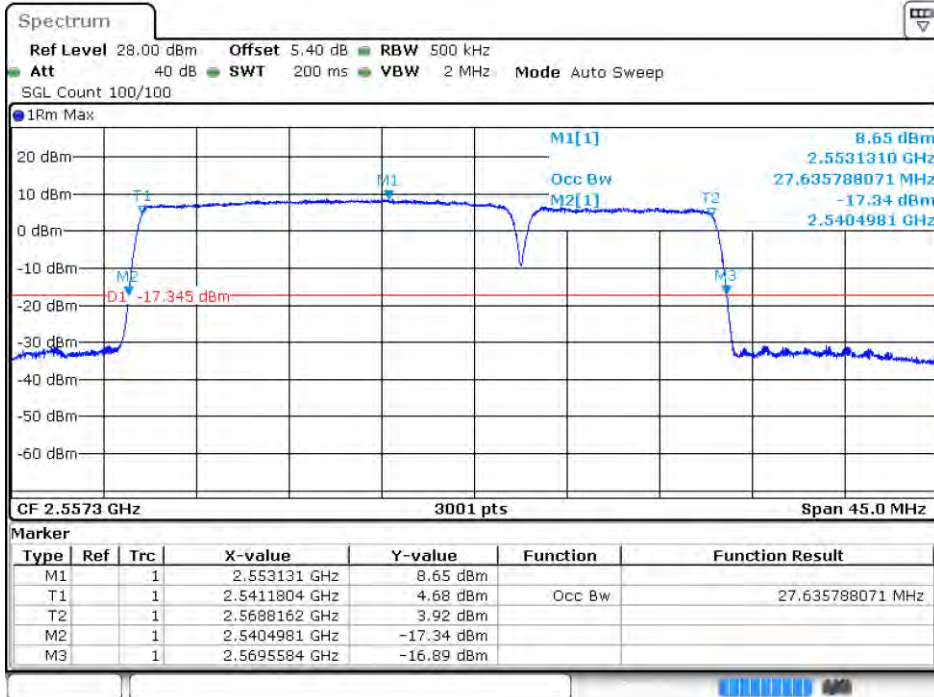
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Date: 7.MAR.2021 14:36:54

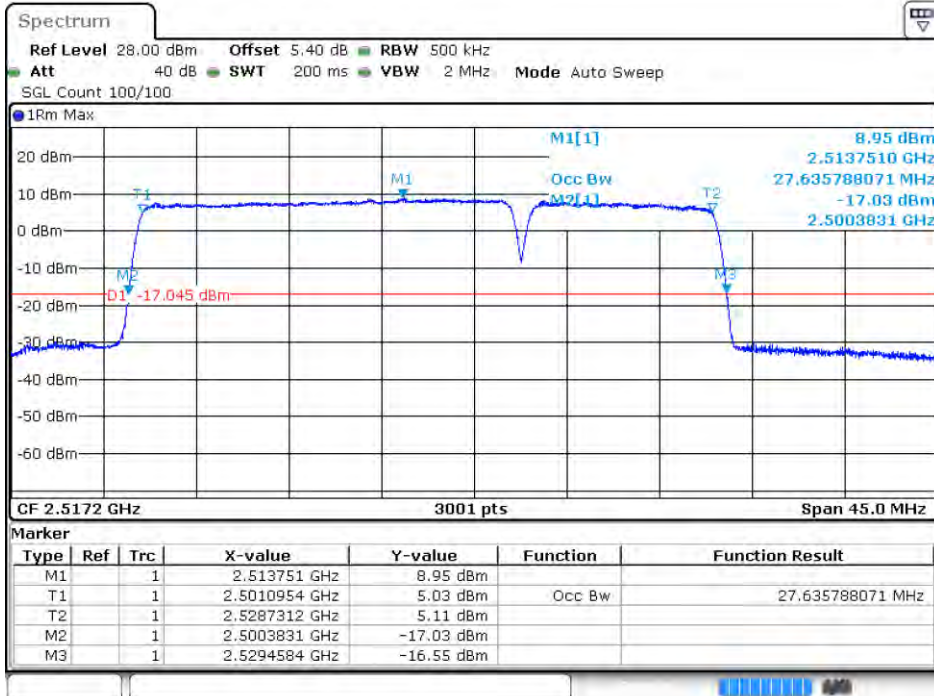


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Date: 7.MAR.2021 14:38:16

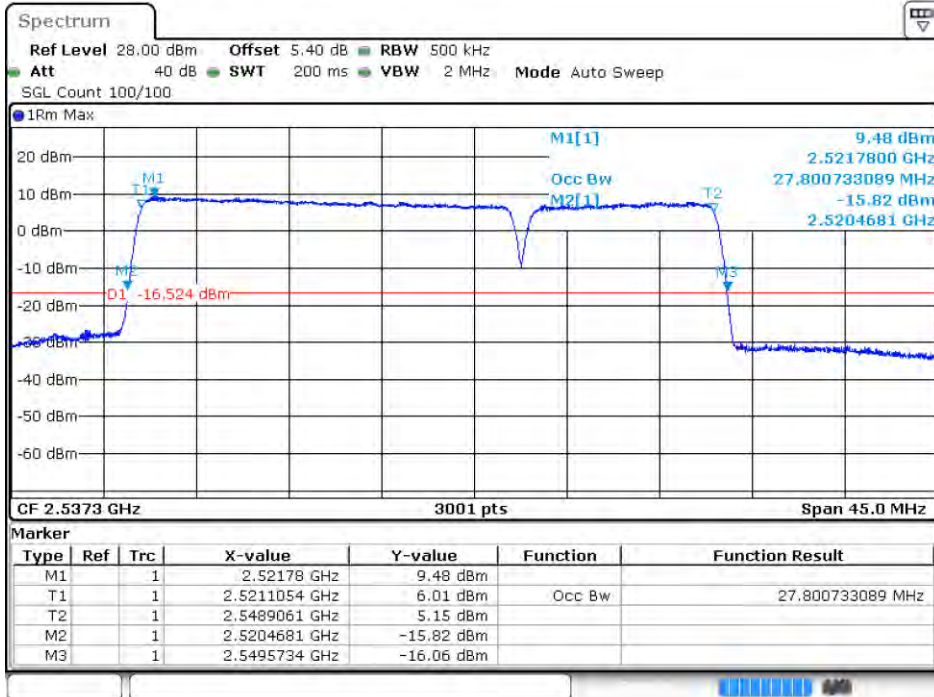
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Date: 7.MAR.2021 14:35:59

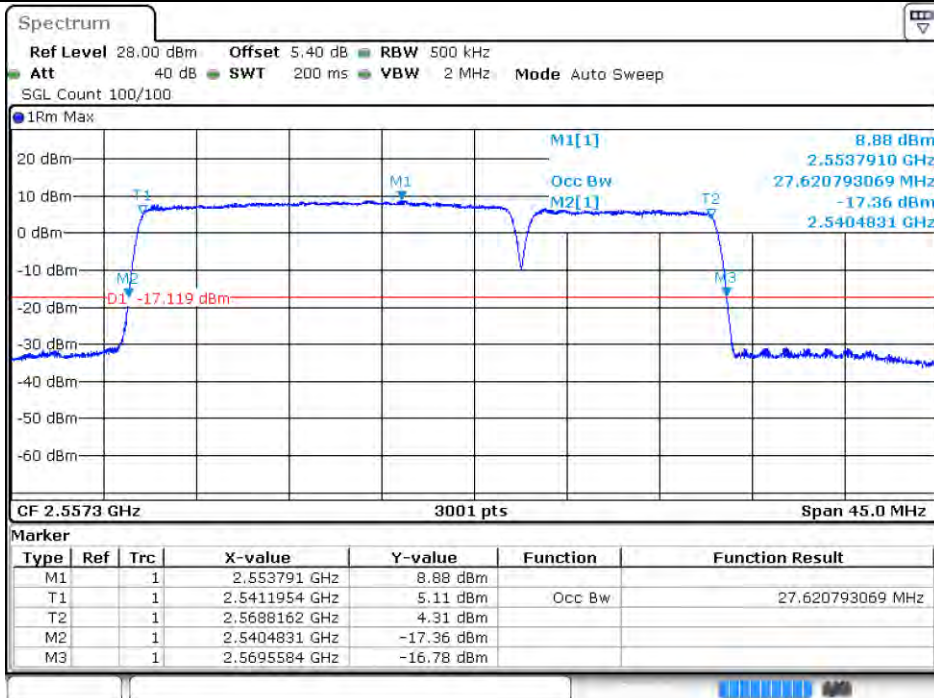


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Date: 7.MAR.2021 14:37:21

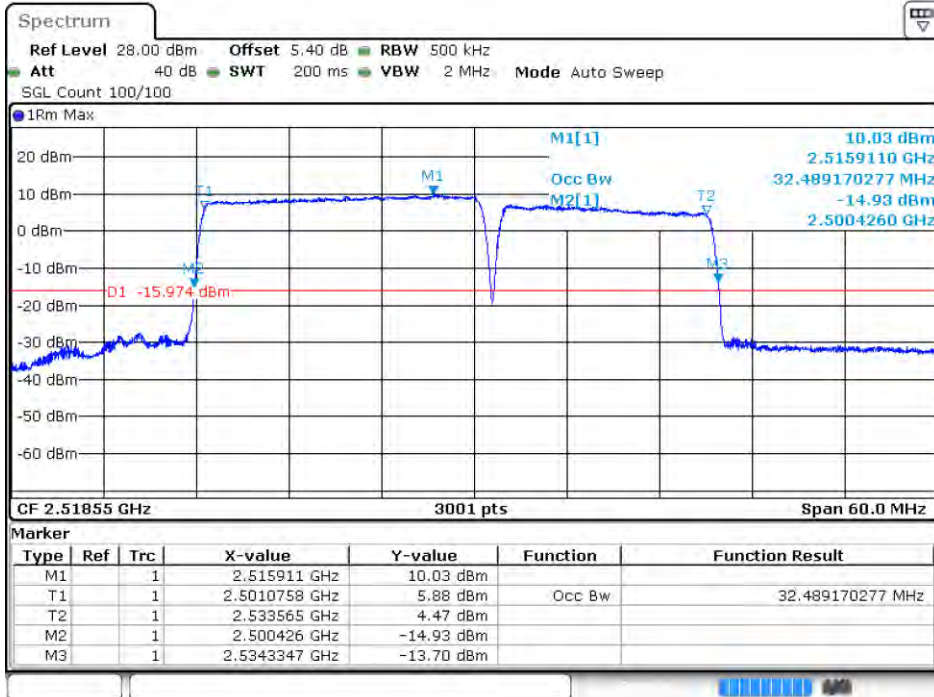
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Date: 7.MAR.2021 14:38:43

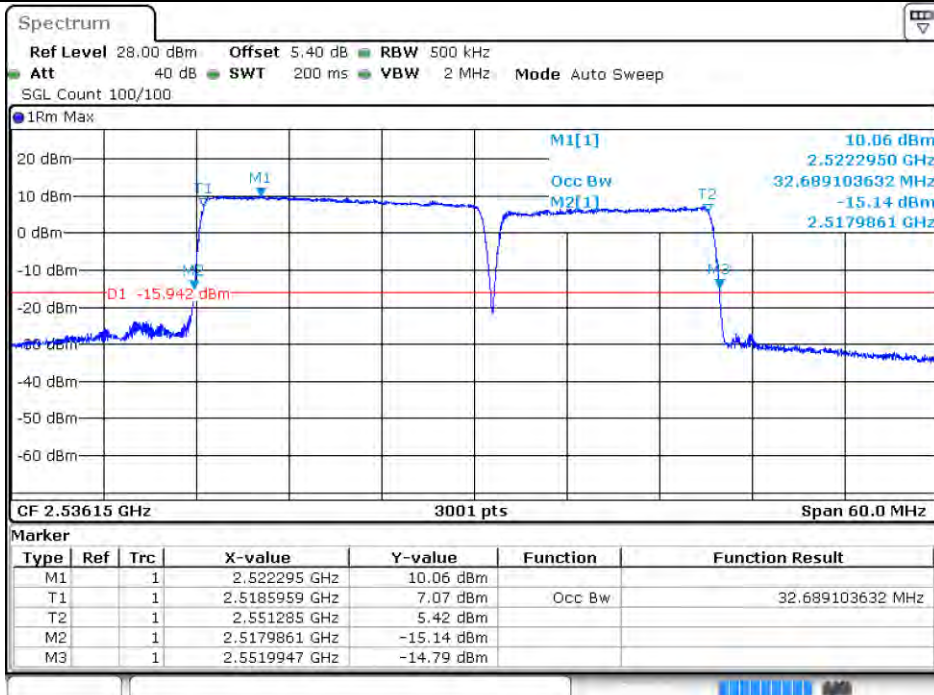


CA_7C_20+15_QPSK_20850+21021_100RB#0+75RB#0



Date: 7.MAR.2021 14:56:53

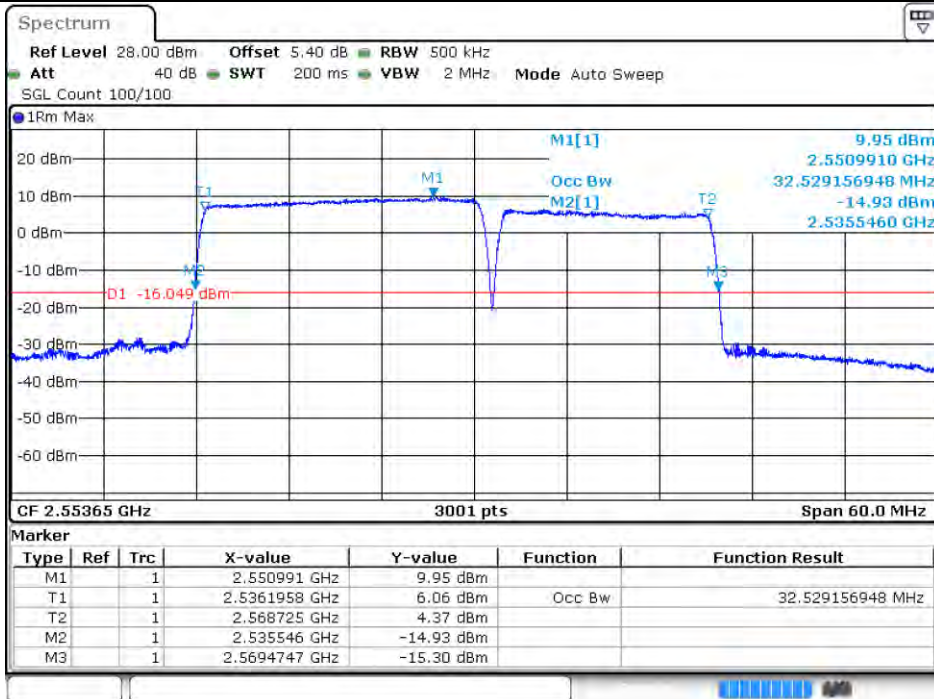
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Date: 7.MAR.2021 14:58:19

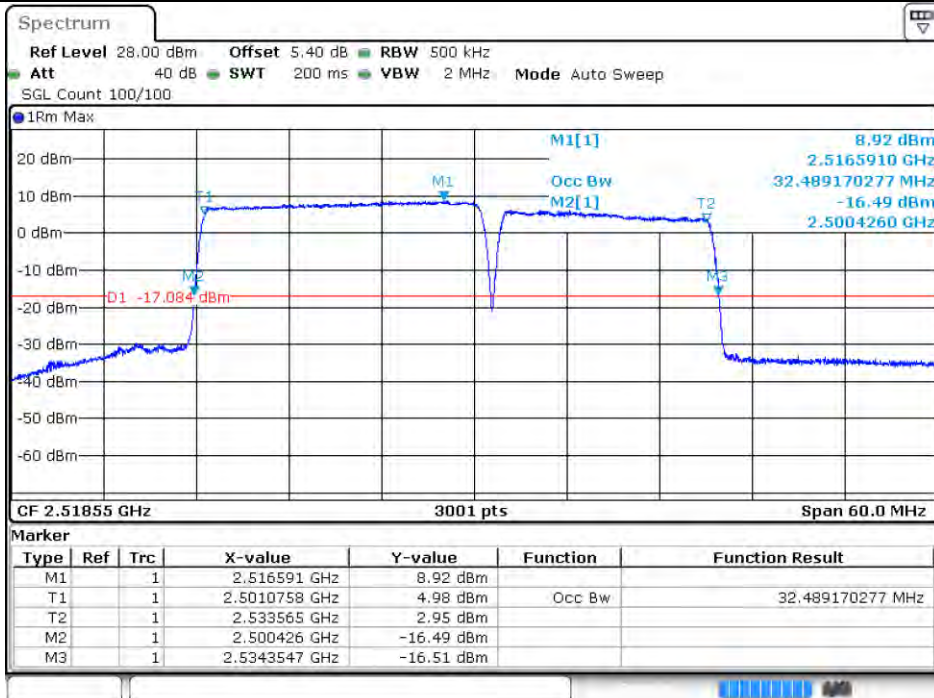


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Date: 7.MAR.2021 14:59:46

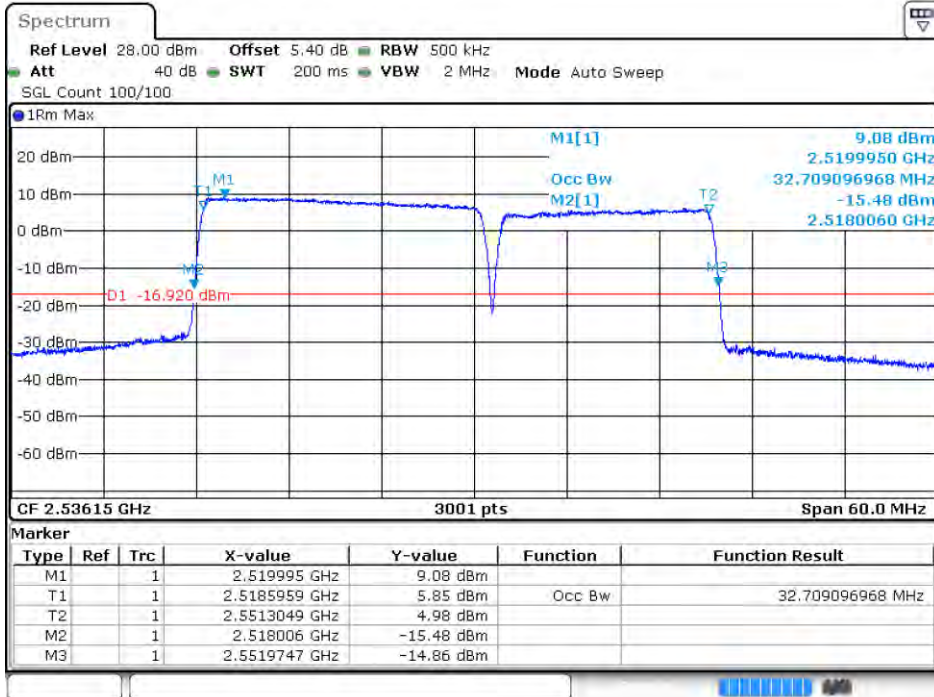
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Date: 7.MAR.2021 14:57:22

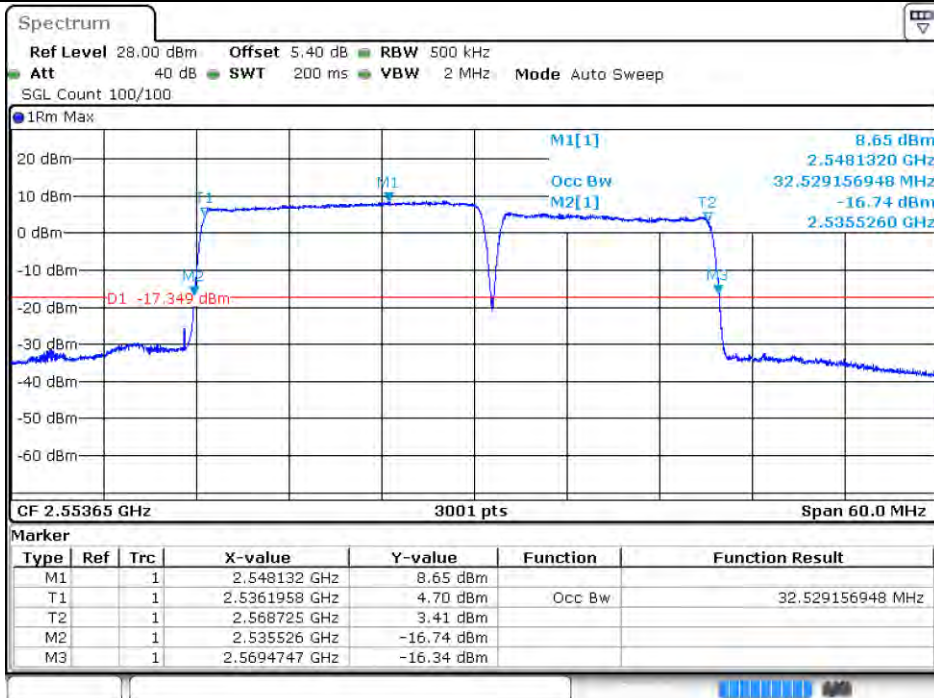


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Date: 7.MAR.2021 14:58:48

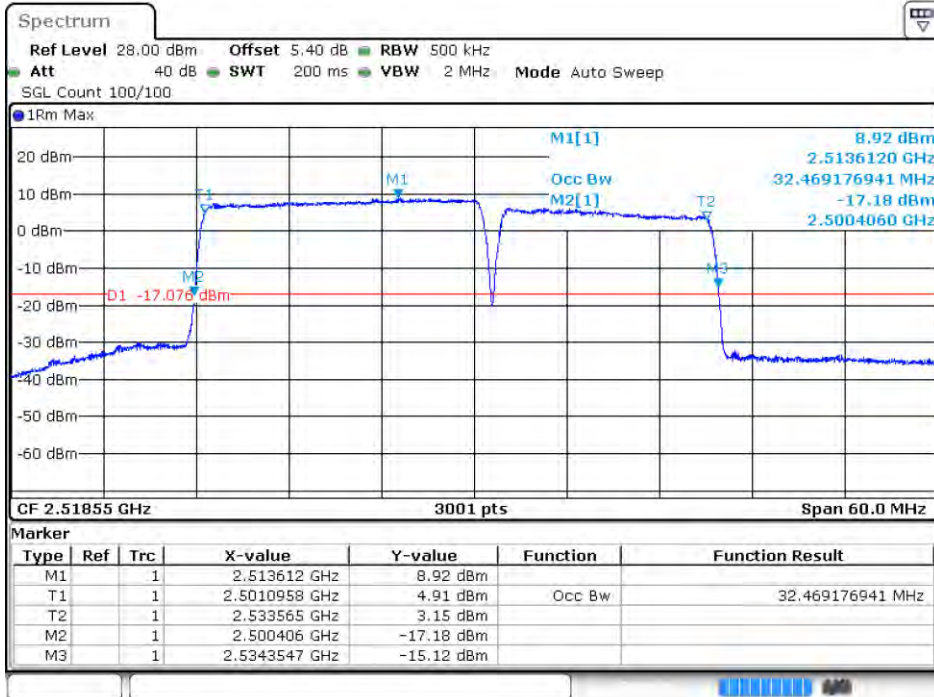
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Date: 7.MAR.2021 15:00:14

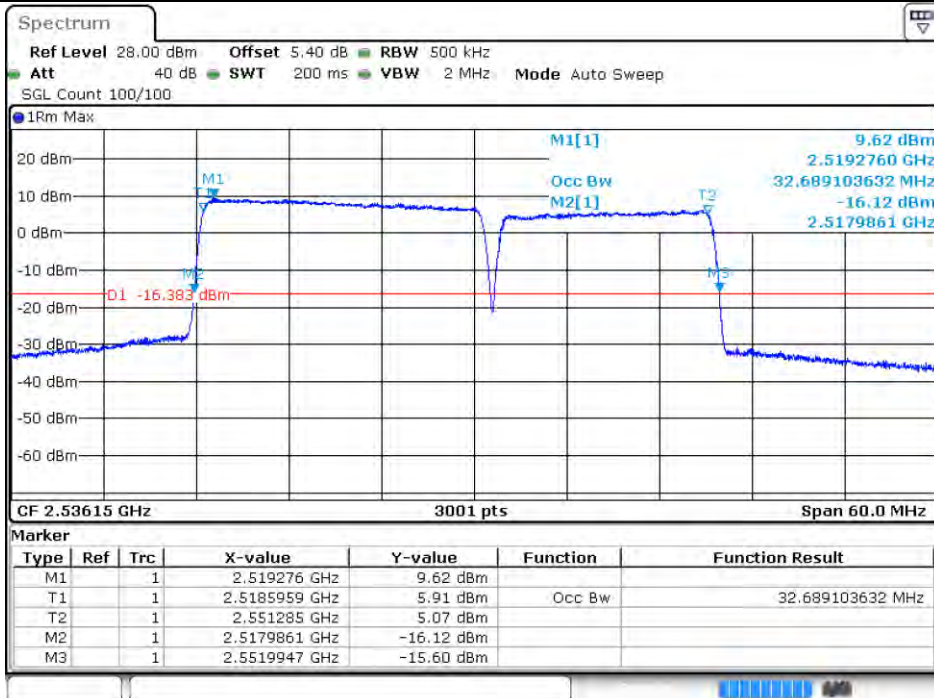


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Date: 7.MAR.2021 14:57:50

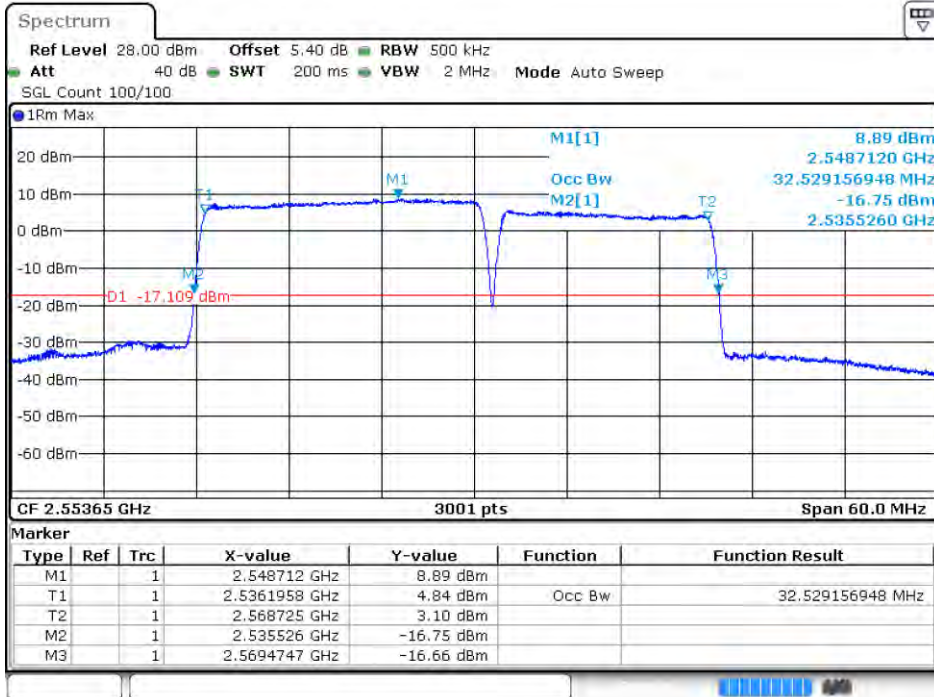
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Date: 7.MAR.2021 14:59:16

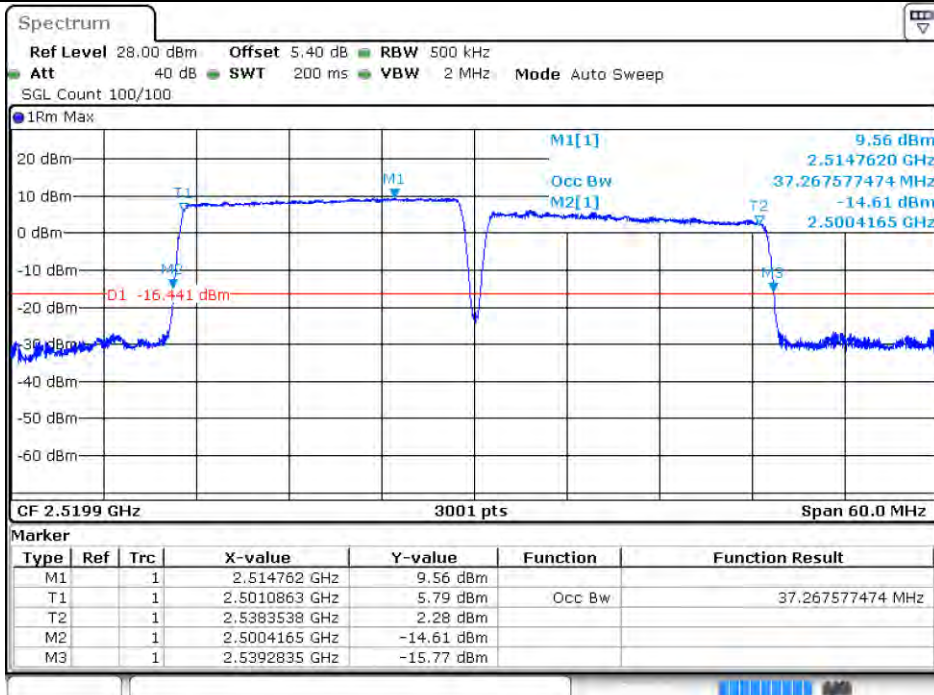


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Date: 7.MAR.2021 15:00:42

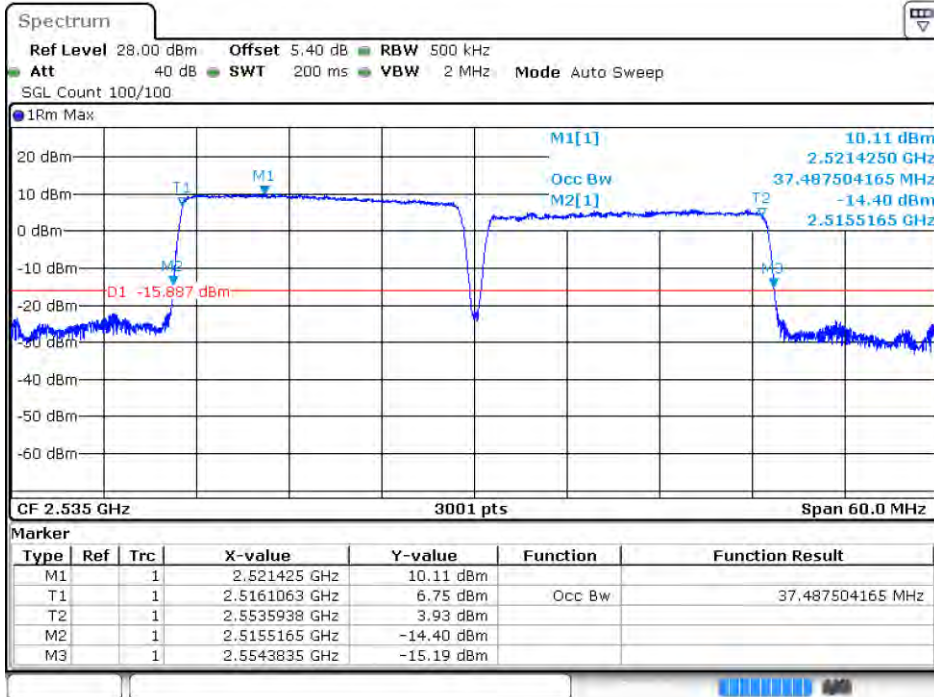
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Date: 7.MAR.2021 15:03:01

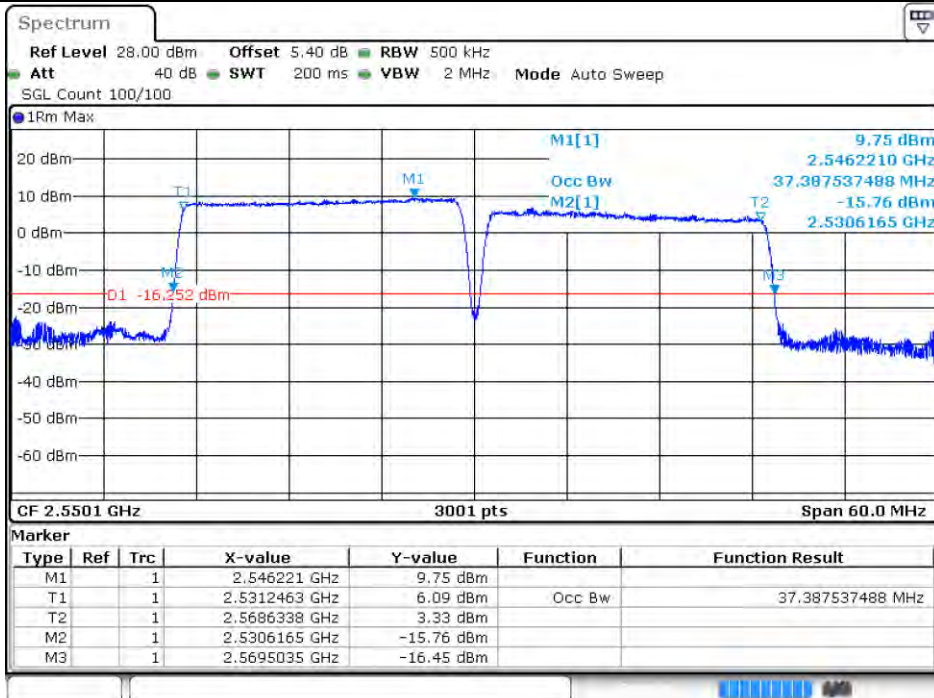


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Date: 7.MAR.2021 15:04:24

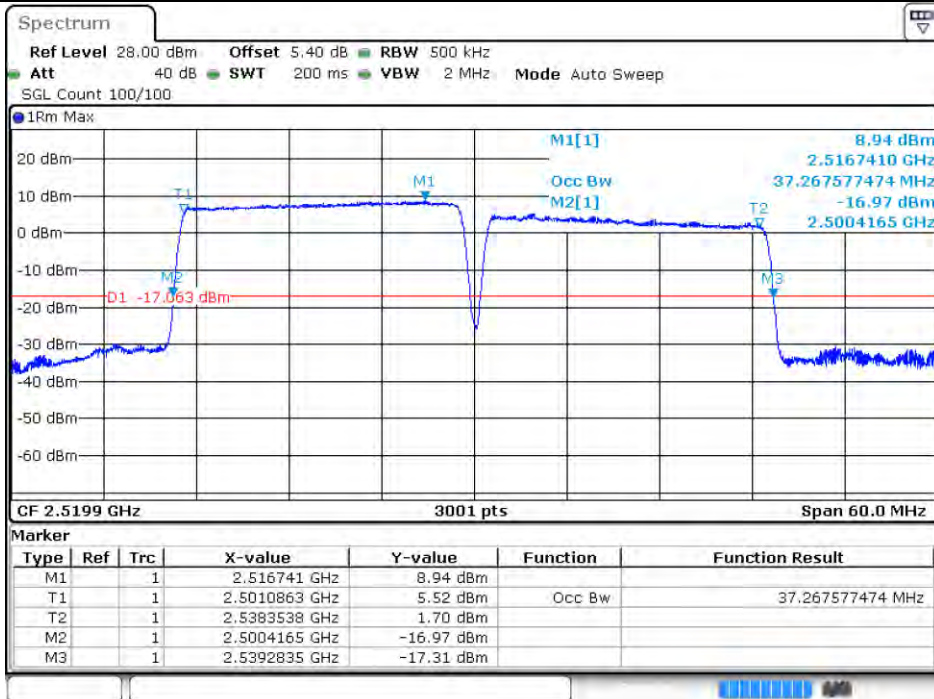
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Date: 7.MAR.2021 15:05:47

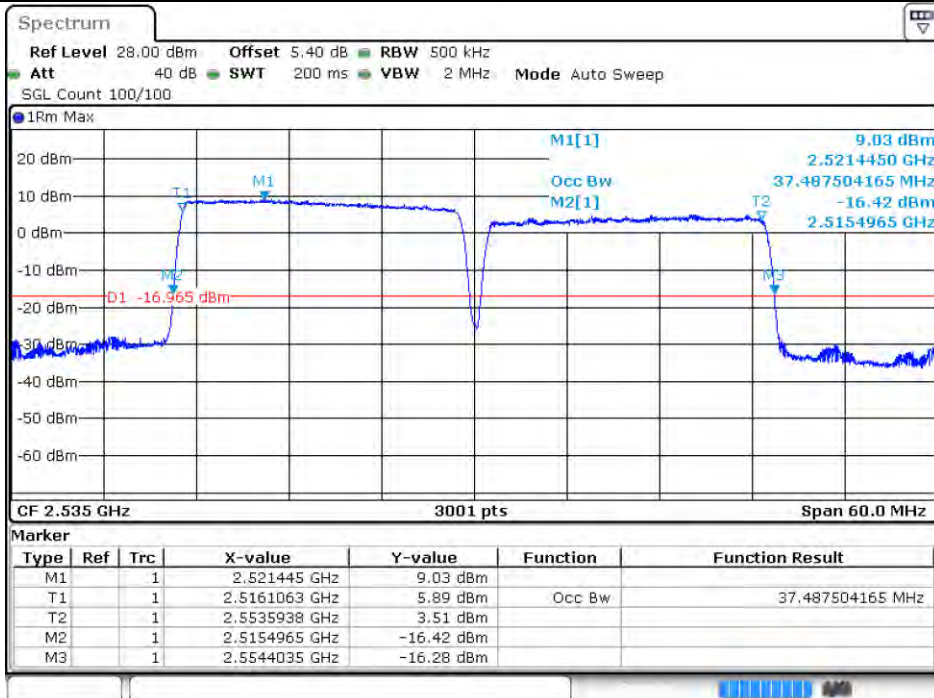


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Date: 7.MAR.2021 15:03:28

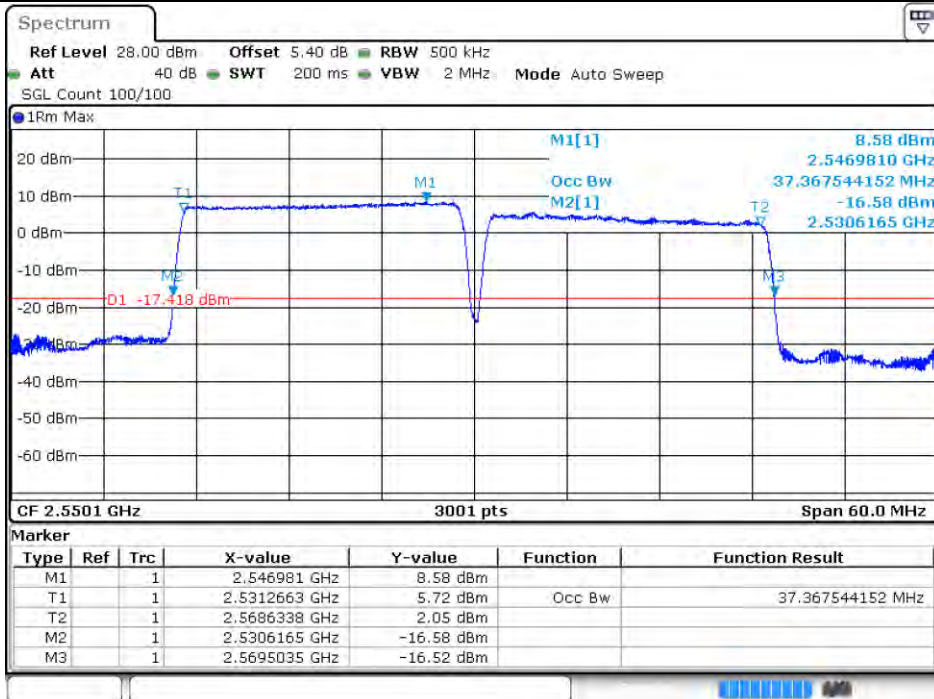
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Date: 7.MAR.2021 15:04:52

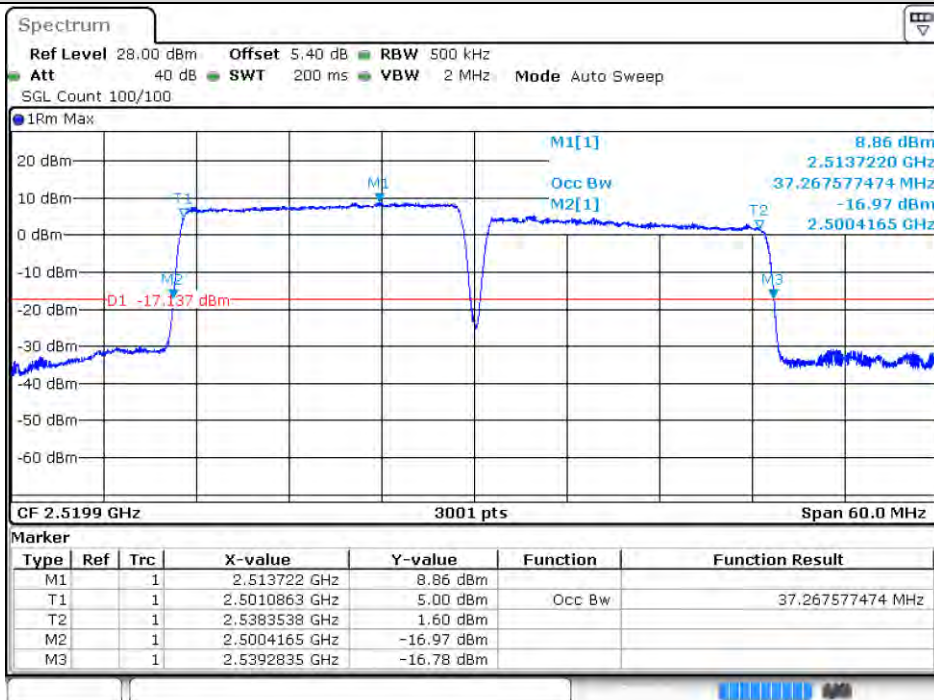


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Date: 7.MAR.2021 15:06:14

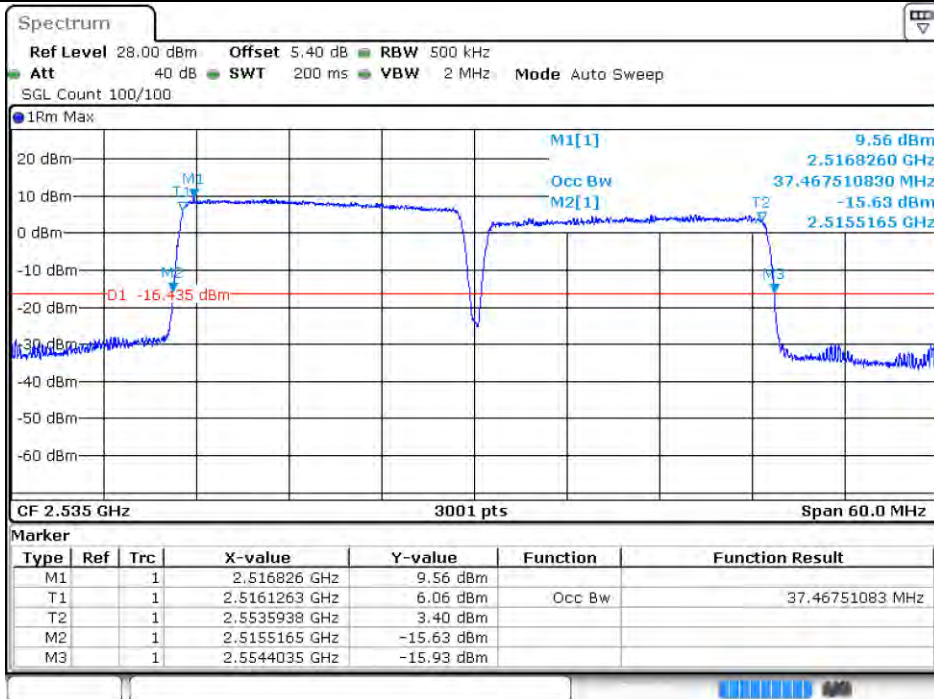
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Date: 7.MAR.2021 15:03:56

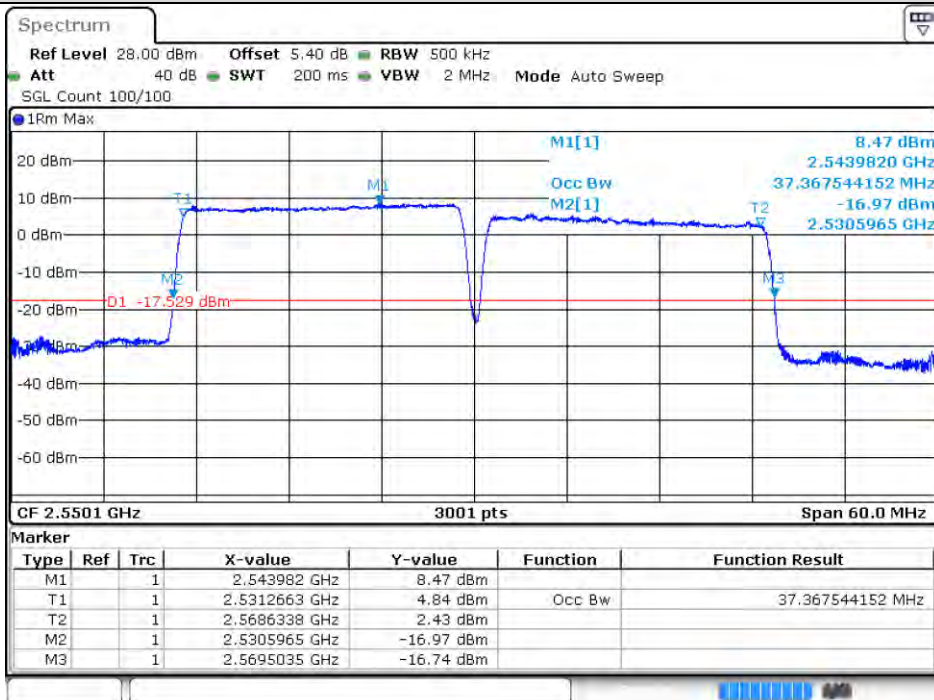


CA_7C_20+20_64QAM_21001+21199_100RB#0+100RB#0



Date: 7.MAR.2021 15:05:19

CA_7C_20+20_64QAM_21152+21350_100RB#0+100RB#0



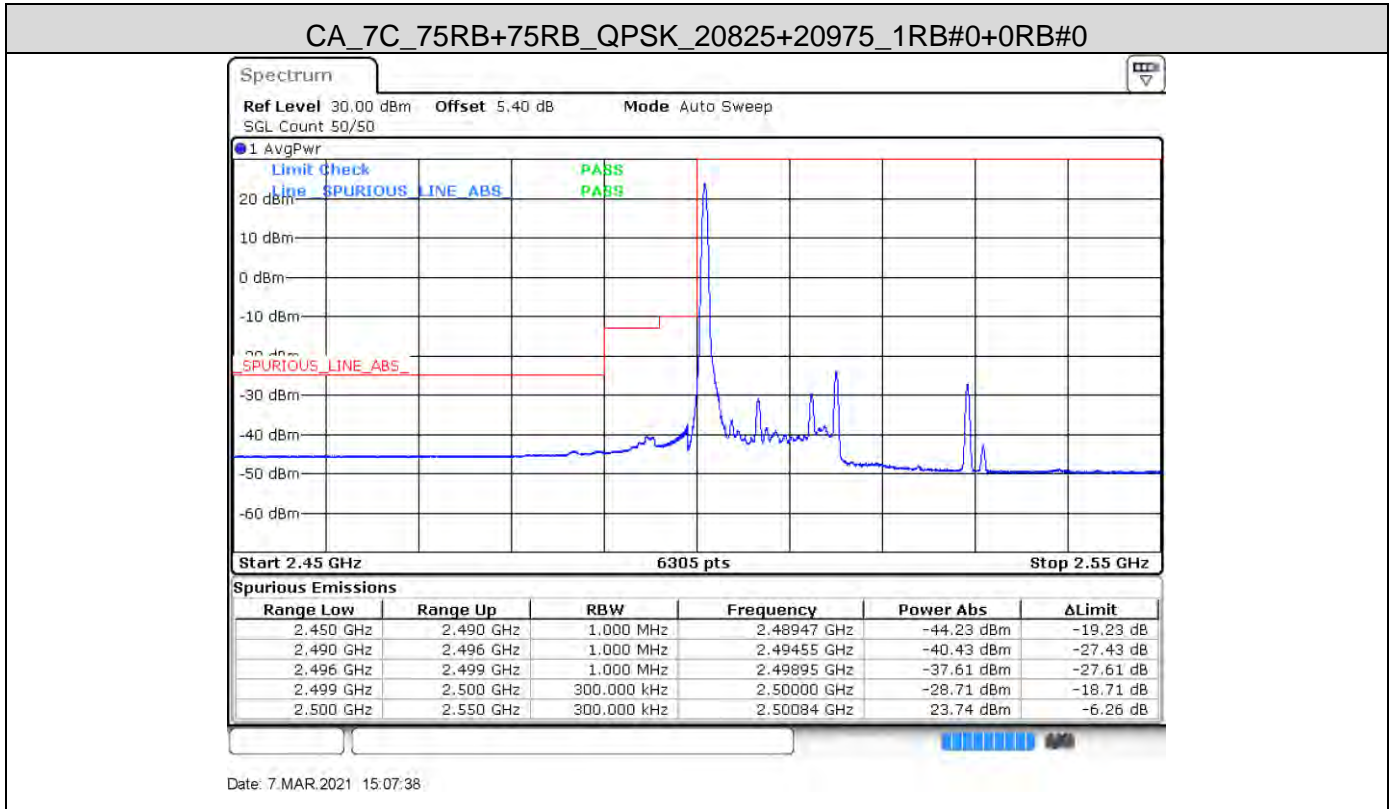
Date: 7.MAR.2021 15:06:42



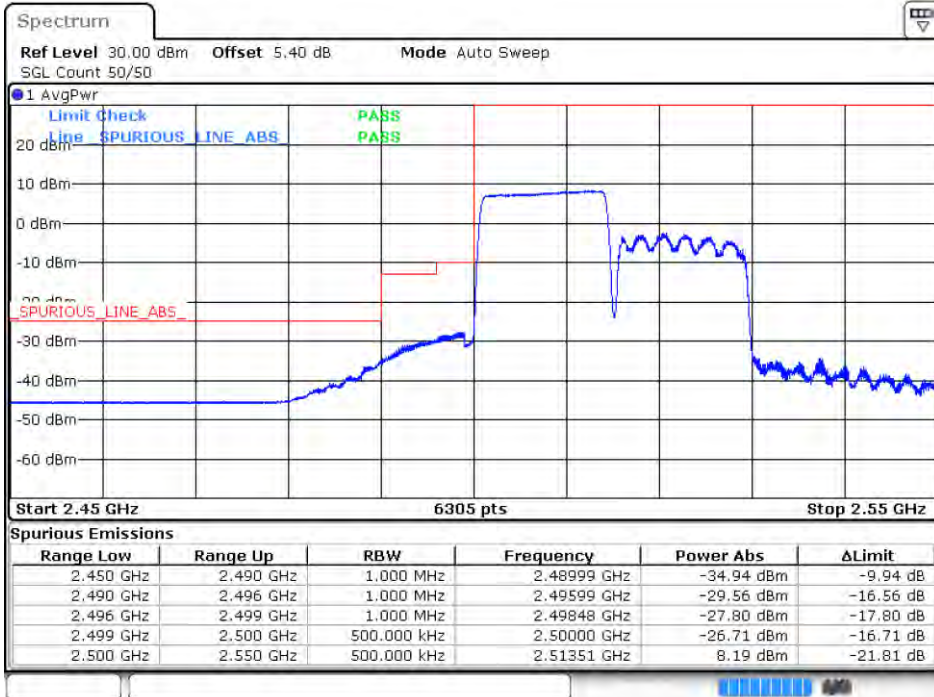
5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_7C

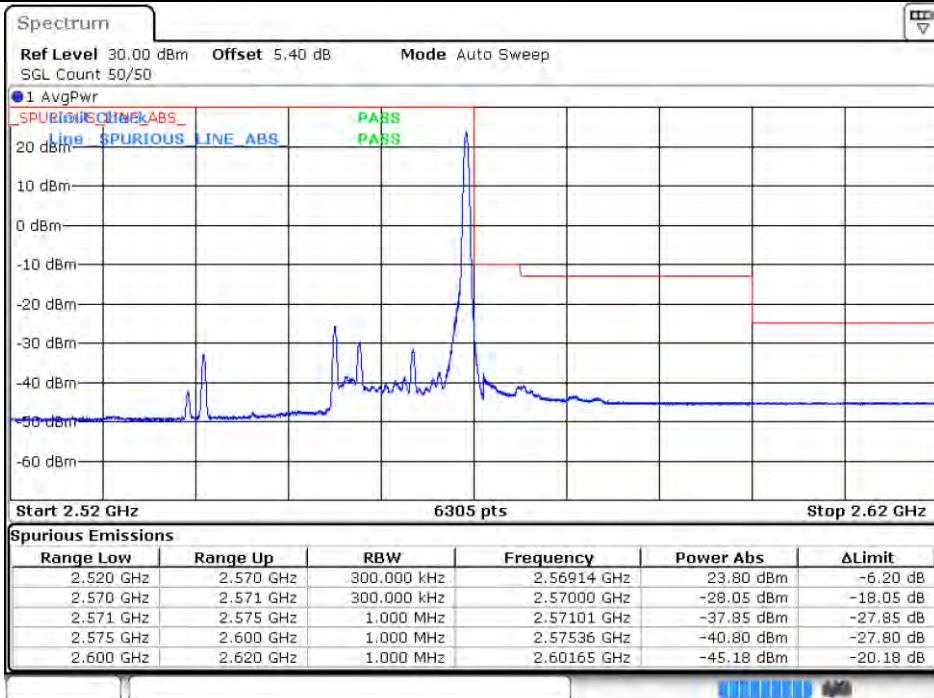


CA_7C_75RB+75RB_QPSK_20825+20975_75RB#0+75RB#0



Date: 7.MAR.2021 15:09:08

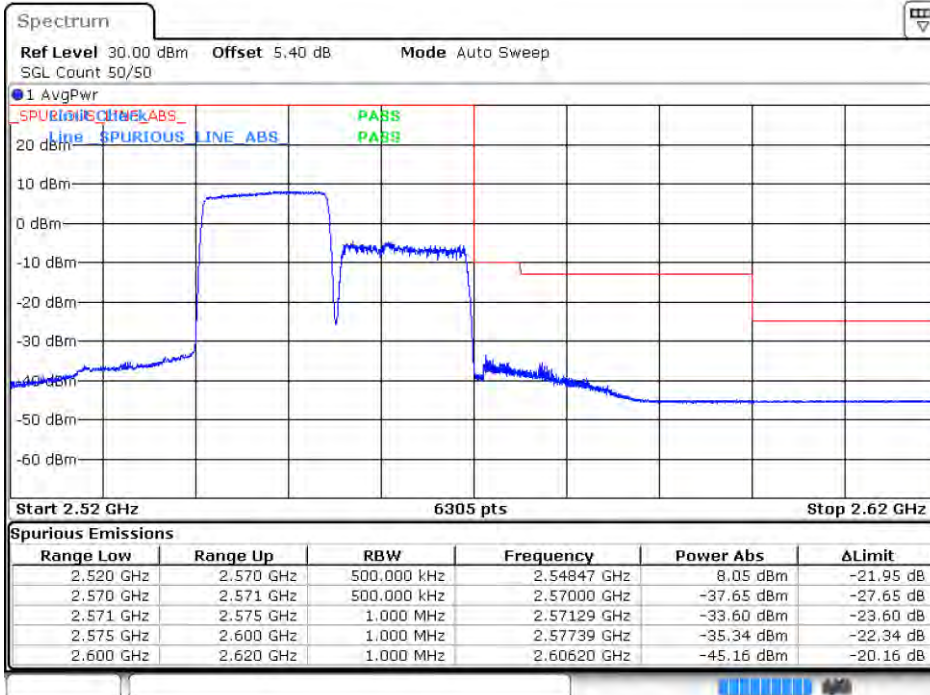
CA_7C_75RB+75RB_QPSK_21225+21375_0RB#0+1RB#74



Date: 7.MAR.2021 15:12:12

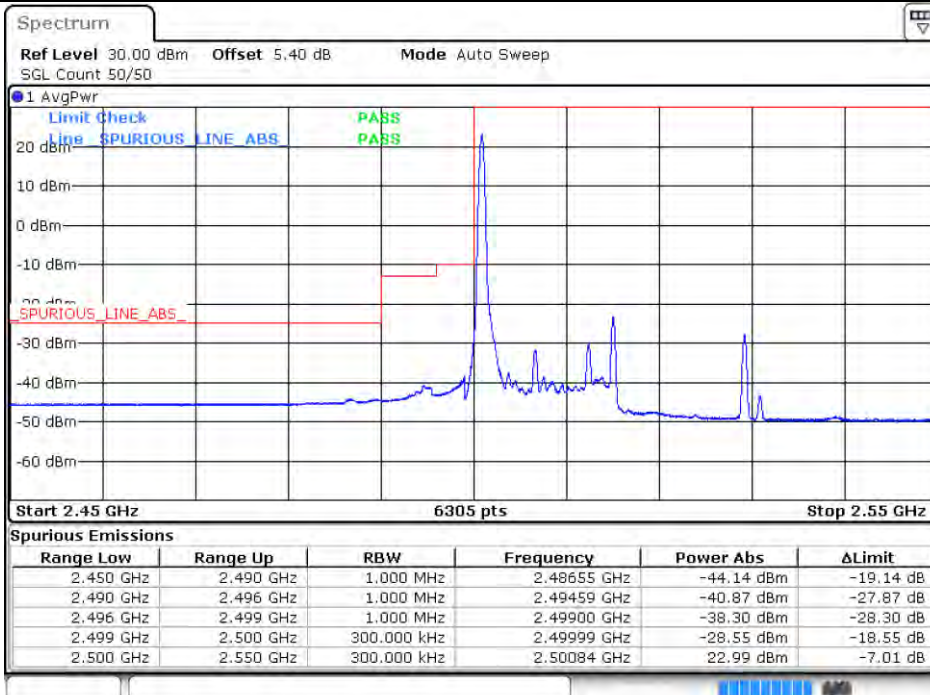


CA_7C_75RB+75RB_QPSK_21225+21375_75RB#0+75RB#0



Date: 7.MAR.2021 15:13:22

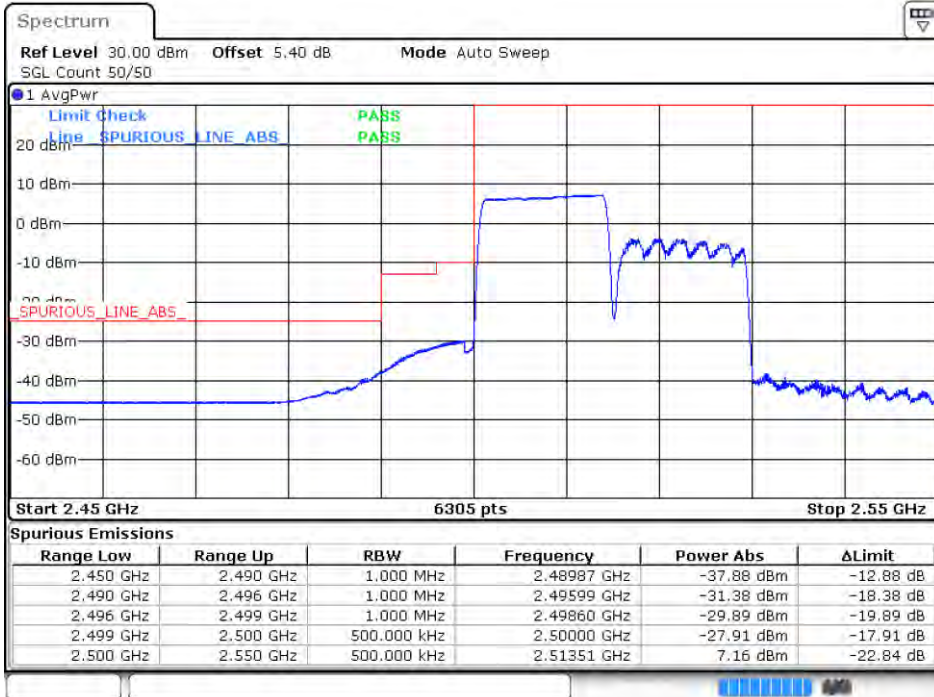
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Date: 7.MAR.2021 15:08:06

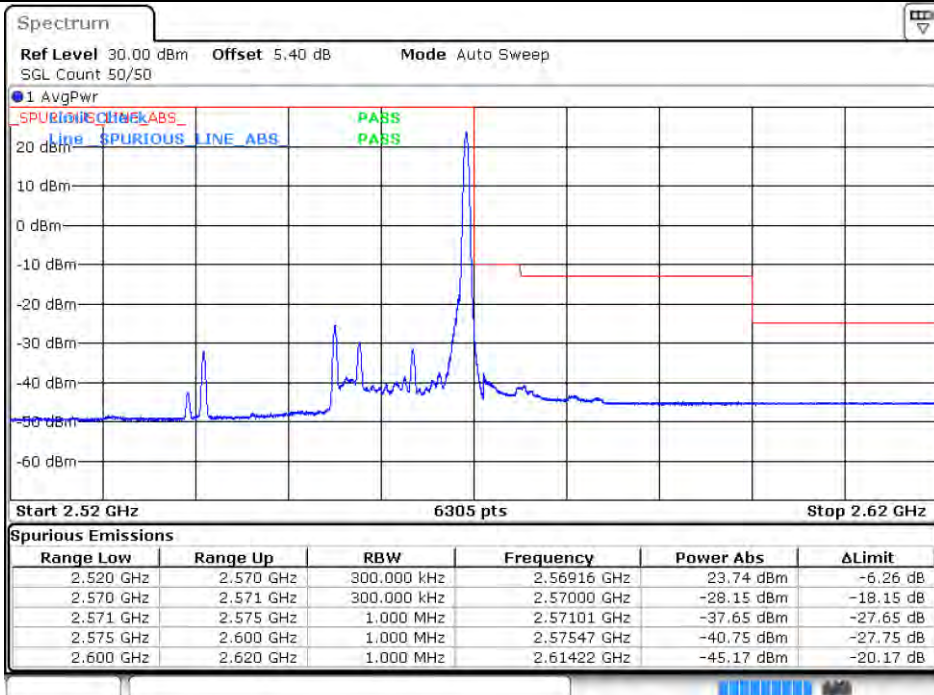


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Date: 7.MAR.2021 15:09:37

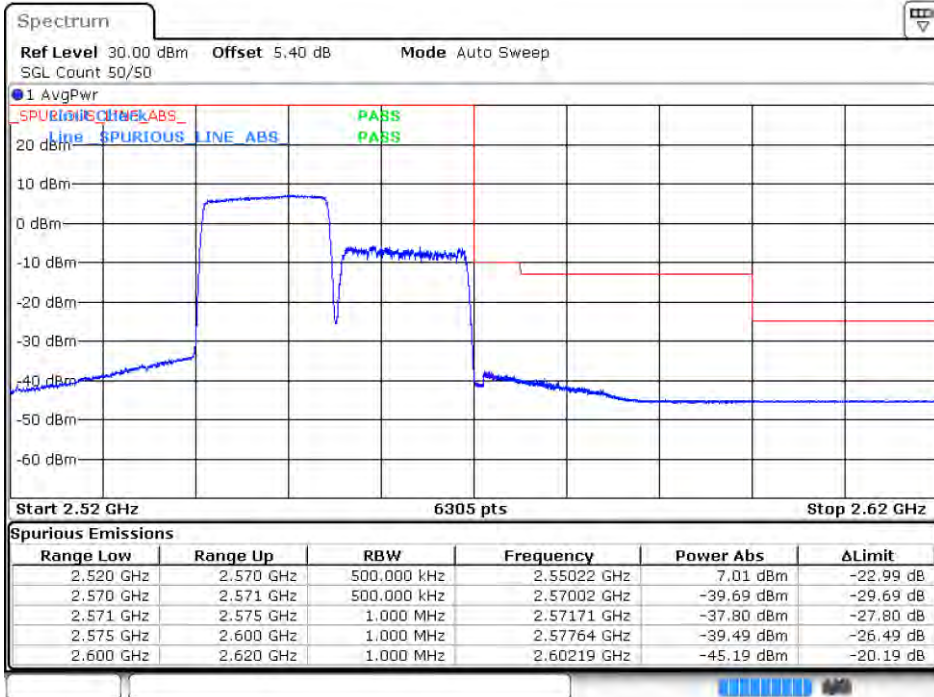
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Date: 7.MAR.2021 15:12:27

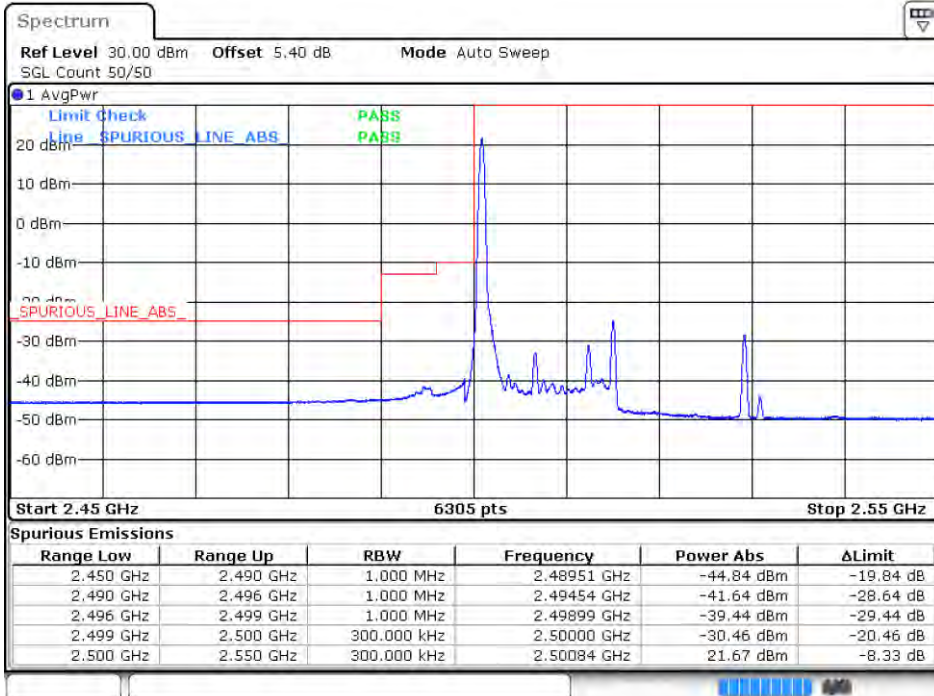


CA_7C_75RB+75RB_16QAM_21225+21375_75RB#0+75RB#0



Date: 7.MAR.2021 15:13:37

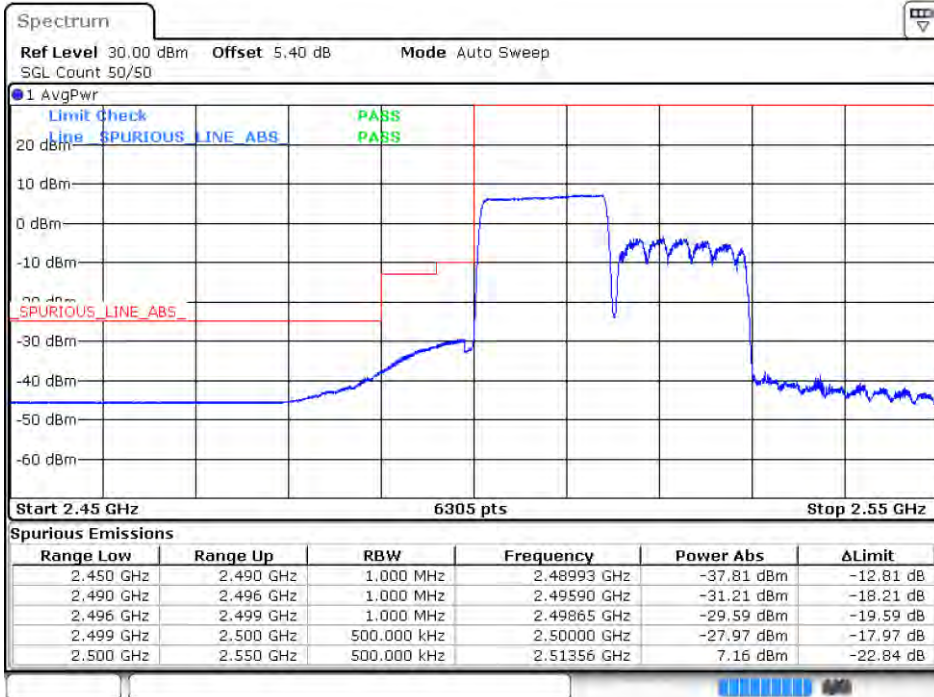
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Date: 7.MAR.2021 15:08:35

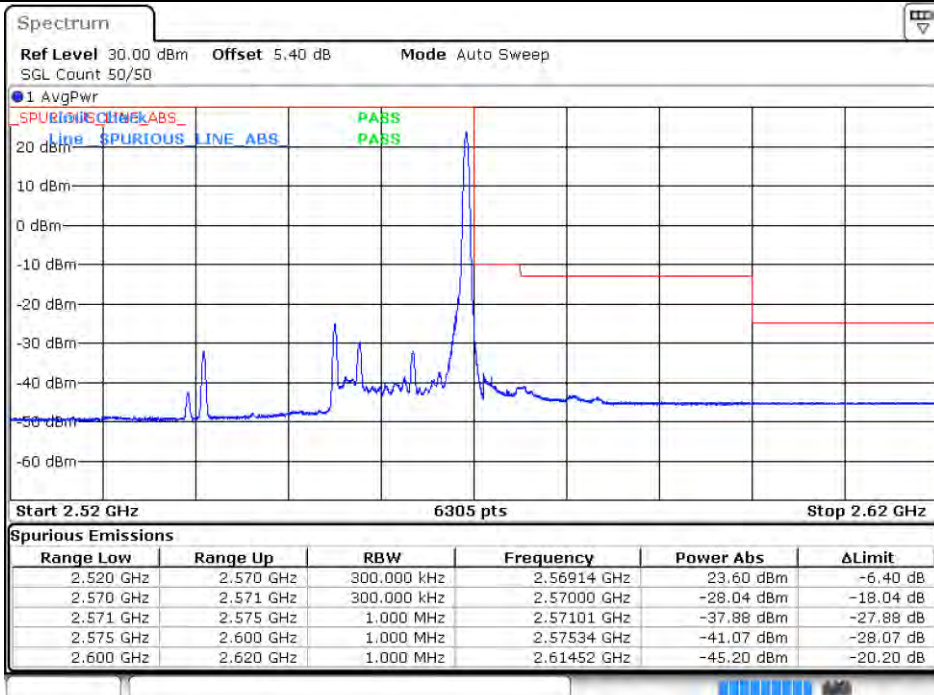


CA_7C_75RB+75RB_64QAM_20825+20975_75RB#0+75RB#0



Date: 7.MAR.2021 15:10:05

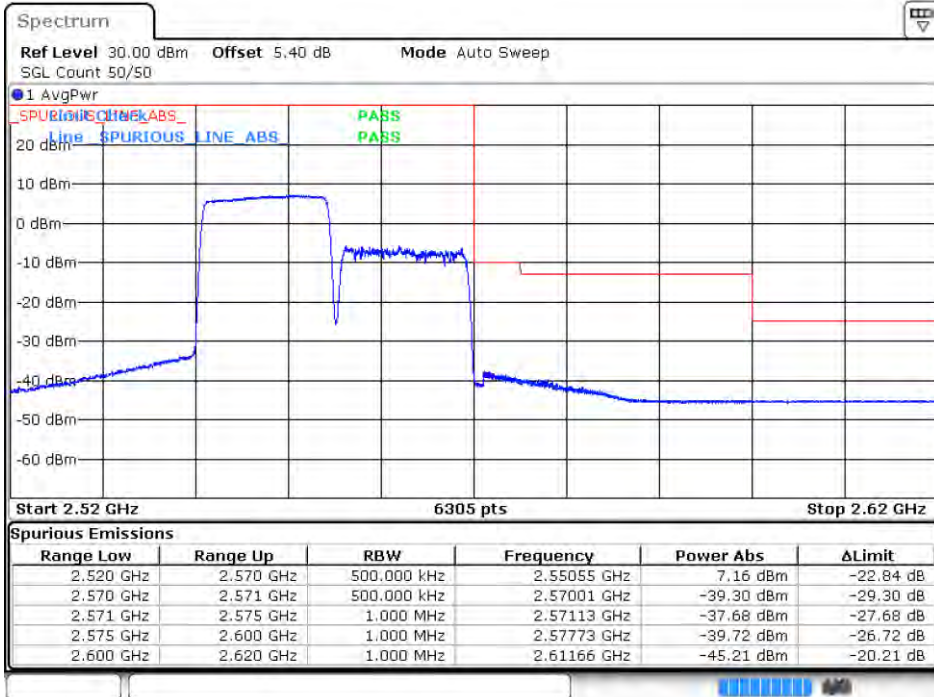
CA_7C_75RB+75RB_64QAM_21225+21375_0RB#0+1RB#74



Date: 7.MAR.2021 15:12:44

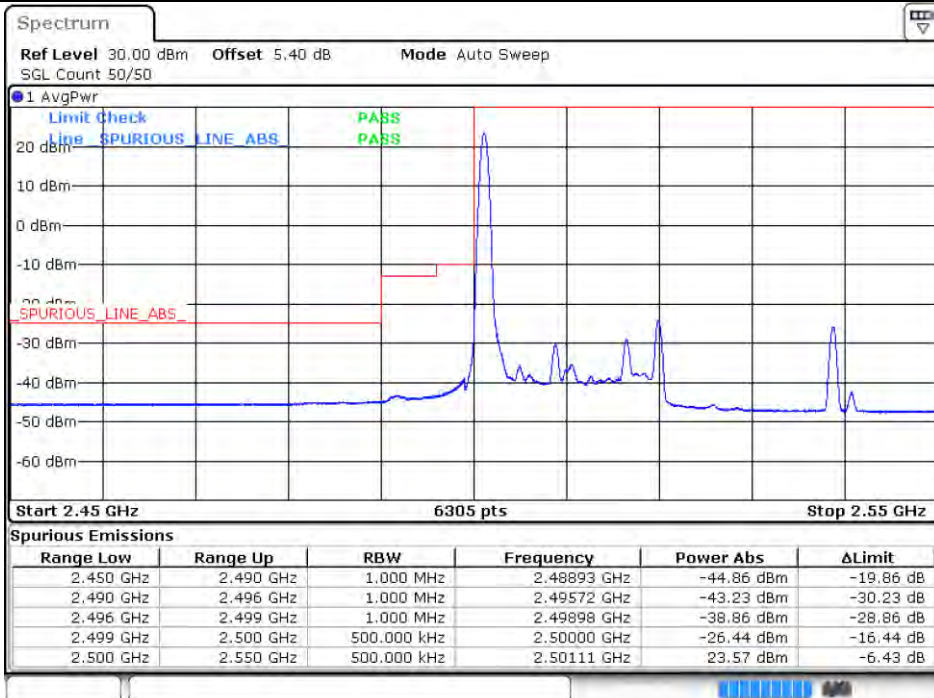


CA_7C_75RB+75RB_64QAM_21225+21375_75RB#0+75RB#0



Date: 7.MAR.2021 15:13:52

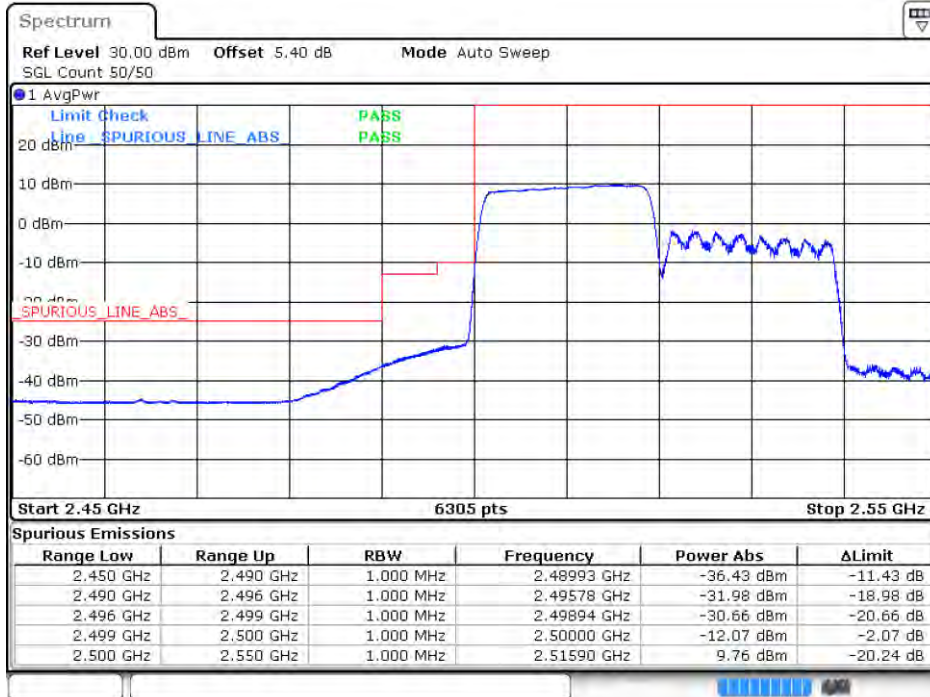
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Date: 7.MAR.2021 15:14:44

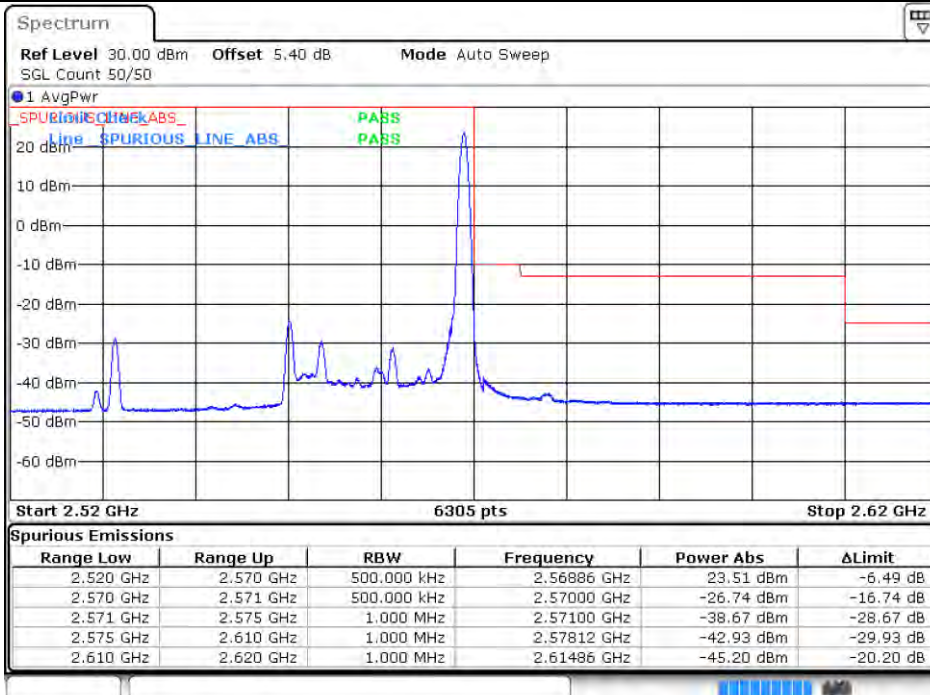


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Date: 7.MAR.2021 15:16:15

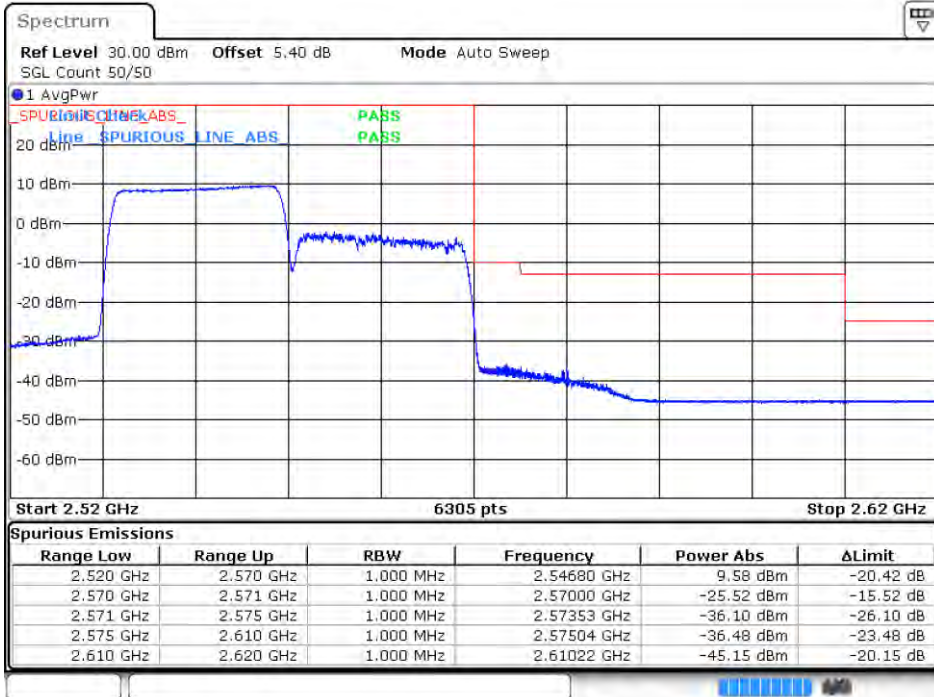
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Date: 7.MAR.2021 15:17:33

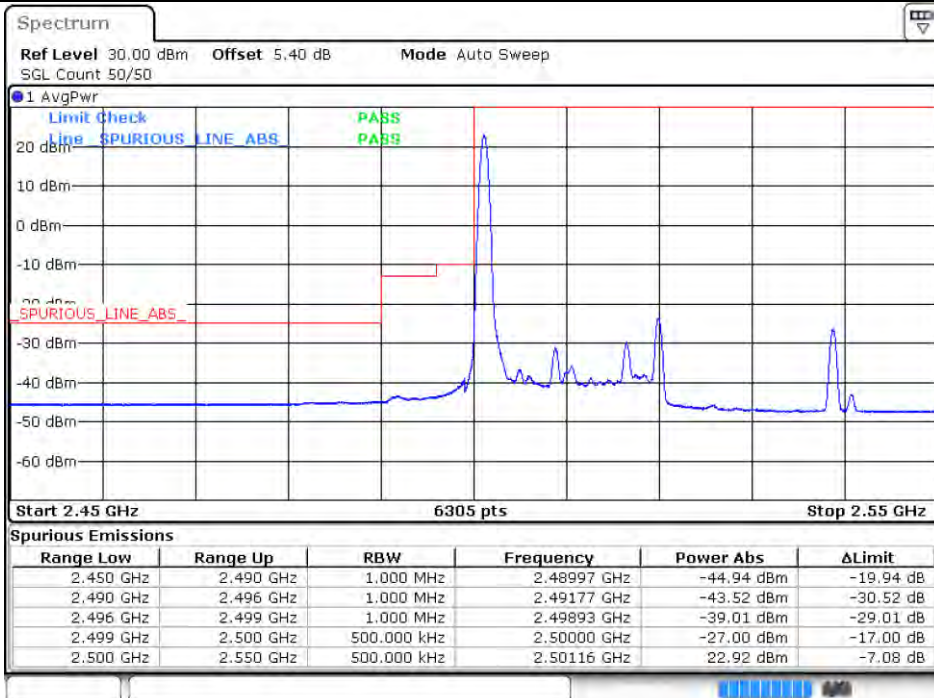


CA_7C_100RB+100RB_QPSK_21152+21350_100RB#0+100RB#0



Date: 7.MAR.2021 15:18:43

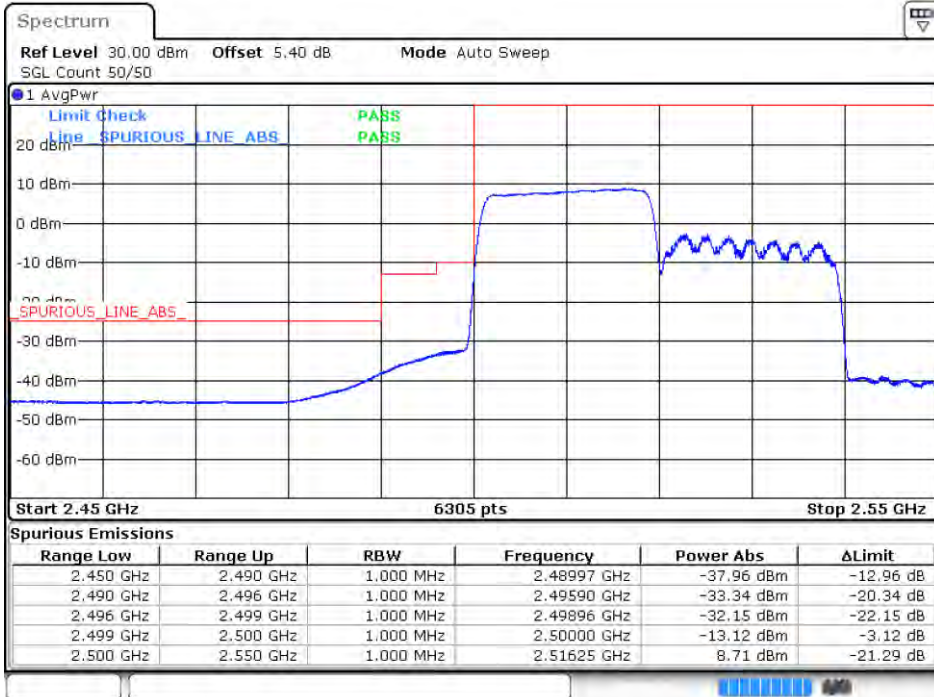
CA_7C_100RB+100RB_16QAM_20850+21048_1RB#0+0RB#0



Date: 7.MAR.2021 15:15:13

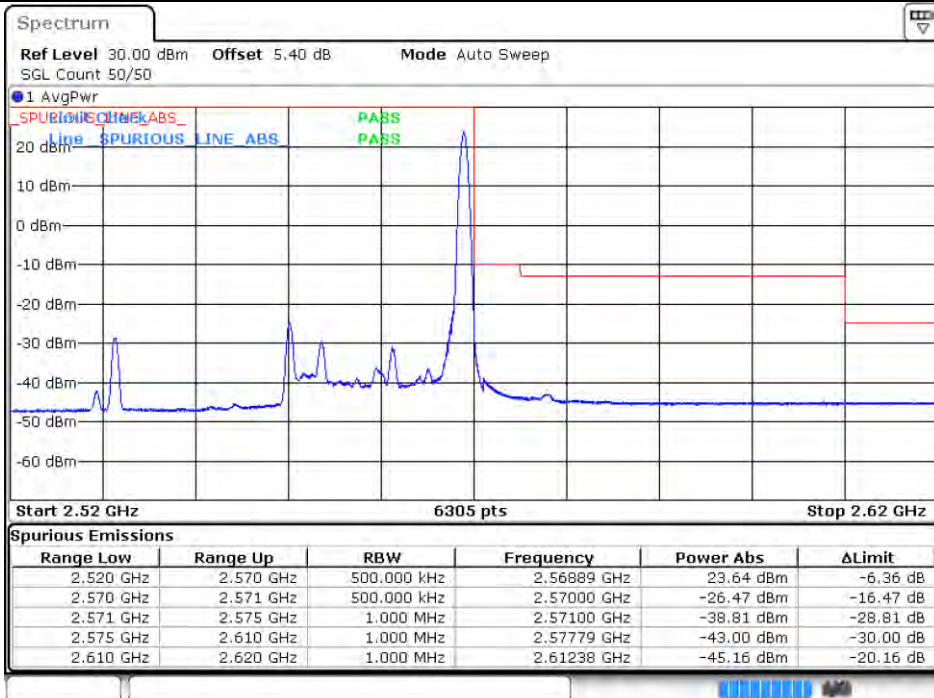


CA_7C_100RB+100RB_16QAM_20850+21048_100RB#0+100RB#0



Date: 7.MAR.2021 15:16:43

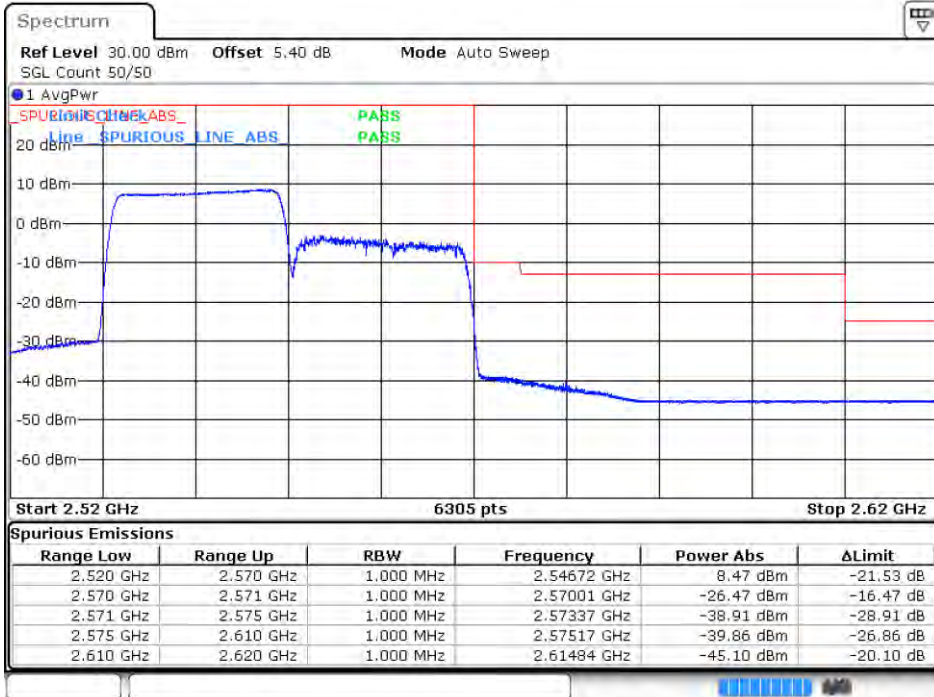
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Date: 7.MAR.2021 15:17:48

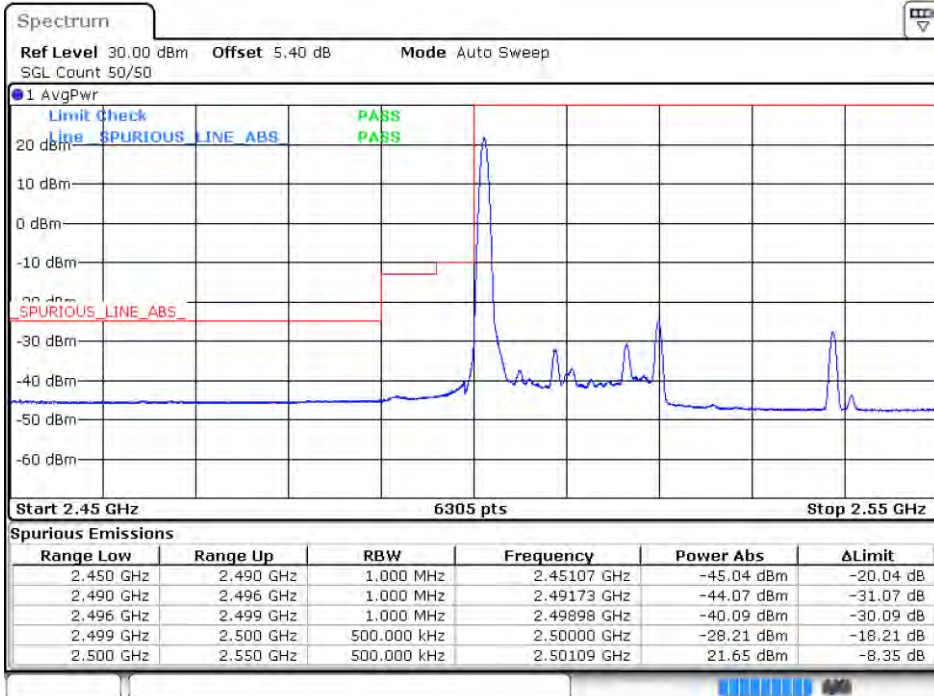


CA_7C_100RB+100RB_16QAM_21152+21350_100RB#0+100RB#0



Date: 7.MAR.2021 15:18:58

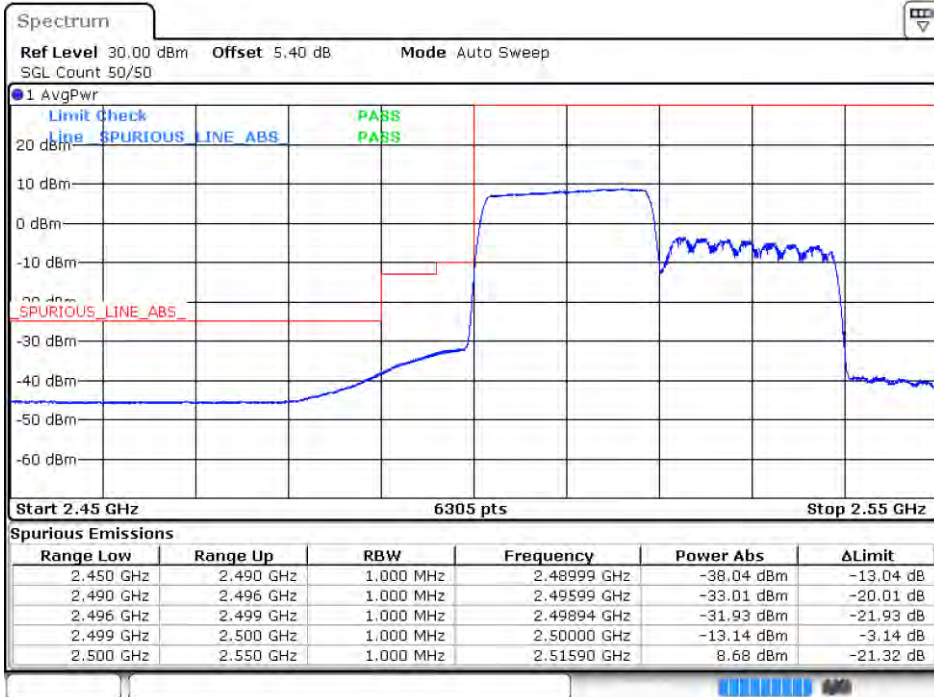
CA_7C_100RB+100RB_64QAM_20850+21048_1RB#0+0RB#0



Date: 7.MAR.2021 15:15:41

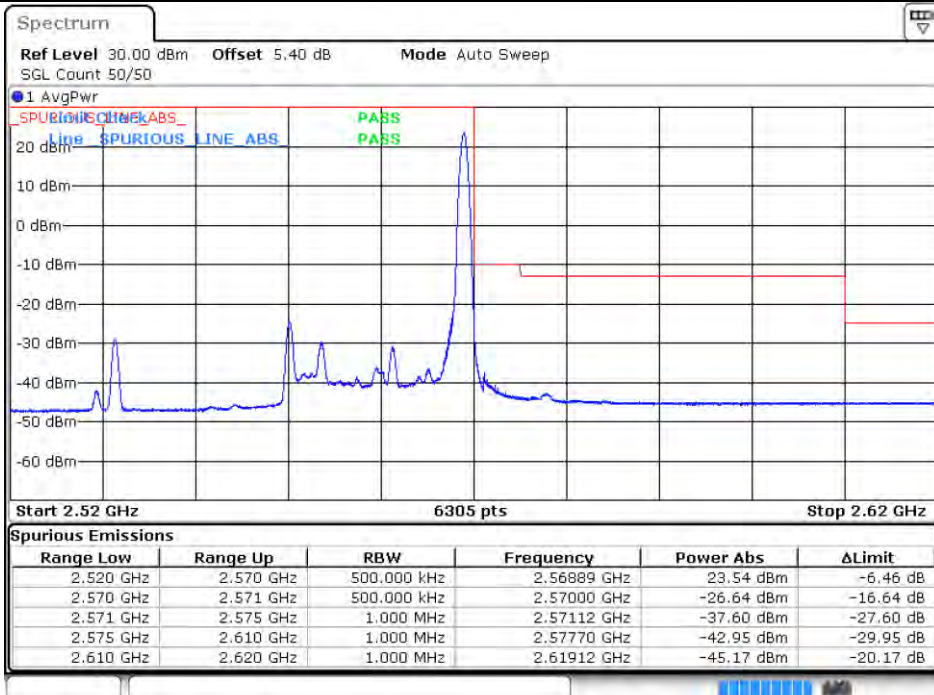


CA_7C_100RB+100RB_64QAM_20850+21048_100RB#0+100RB#0



Date: 7.MAR.2021 15:17:12

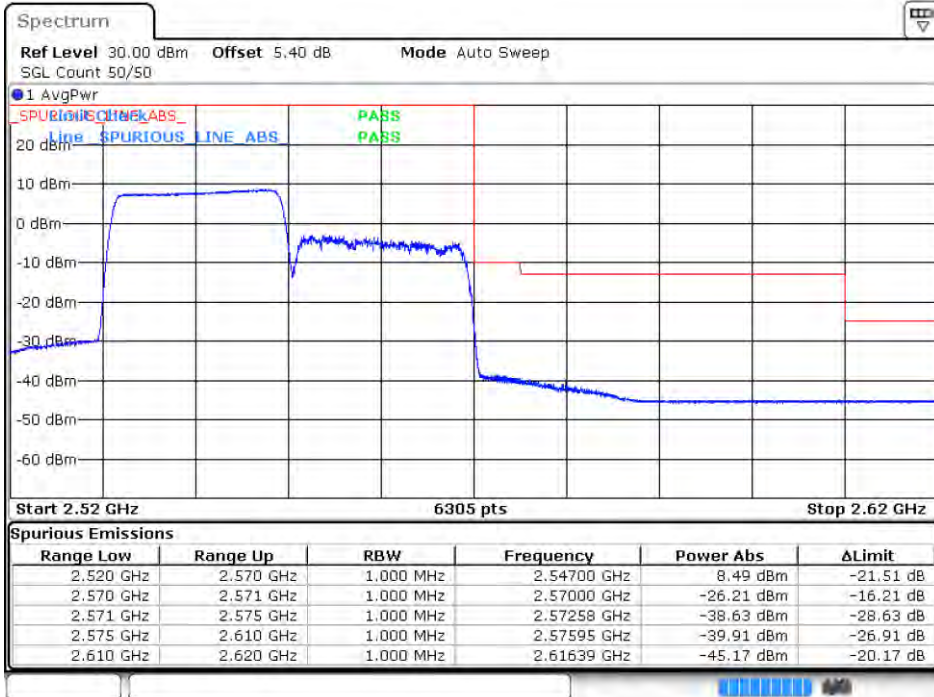
CA_7C_100RB+100RB_64QAM_21152+21350_0RB#0+1RB#99



Date: 7.MAR.2021 15:18:04



CA_7C_100RB+100RB_64QAM_21152+21350_100RB#0+100RB#0



Date: 7.MAR.2021 15:19:13





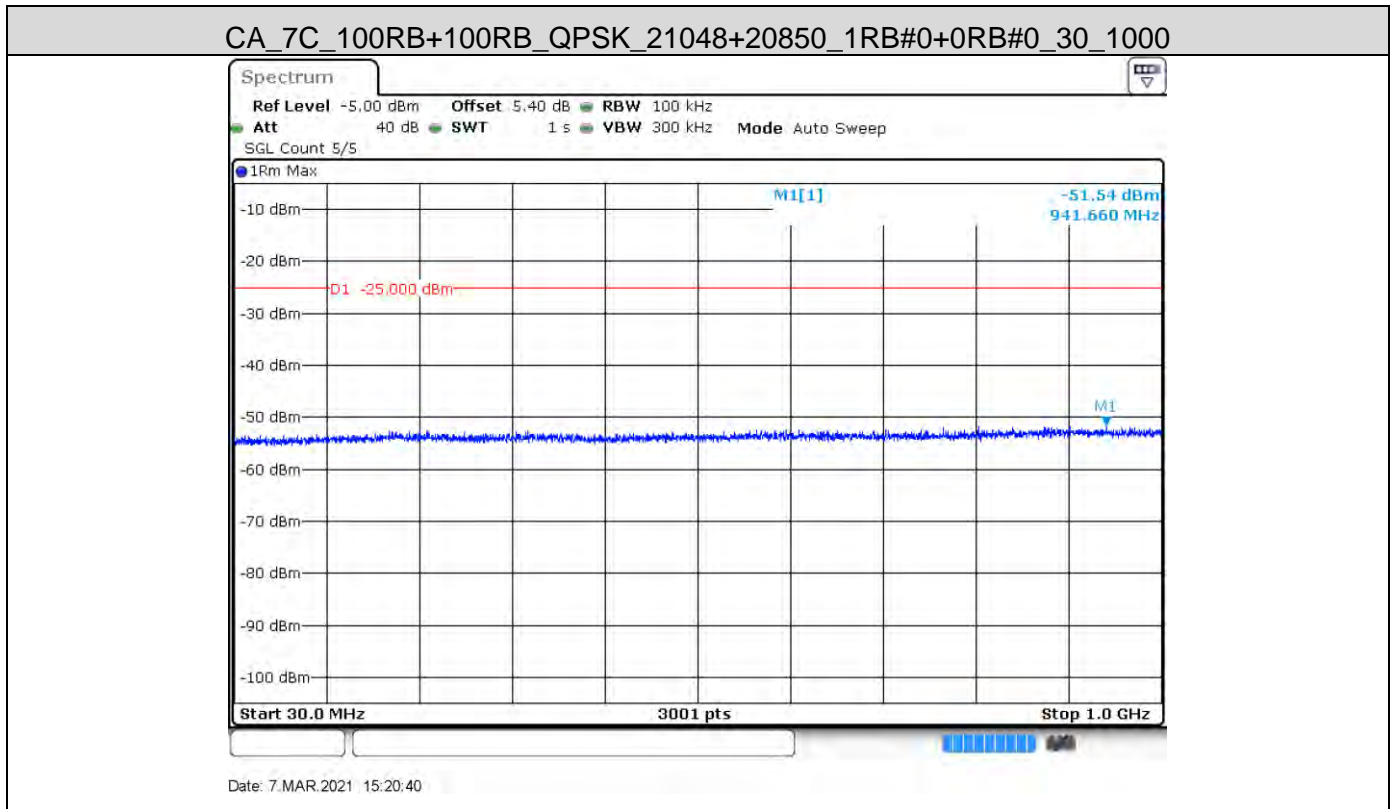
6 Spurious Emission at Antenna Terminal

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_7C

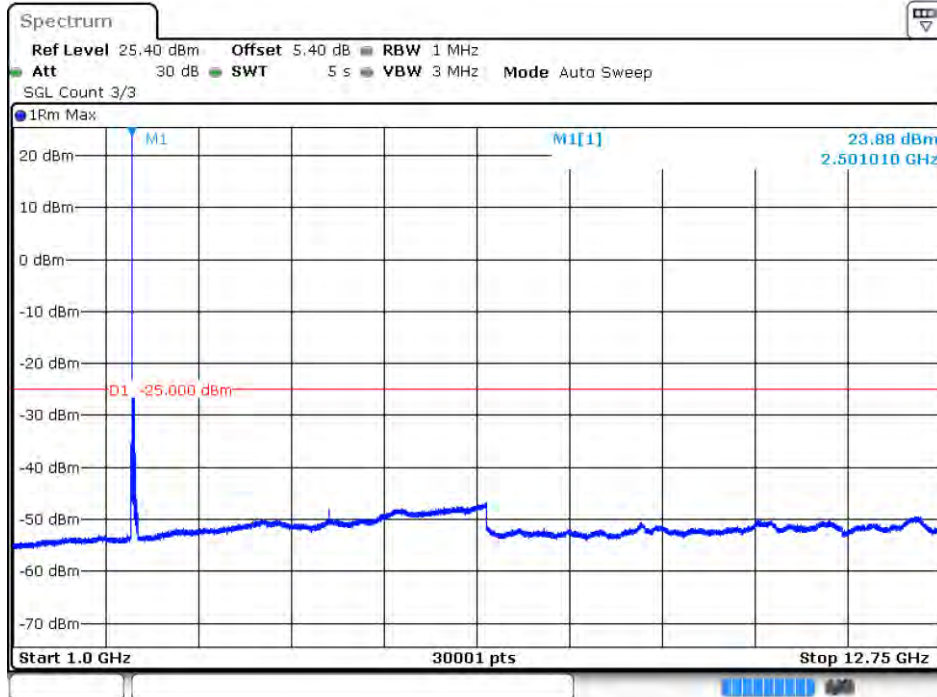


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Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

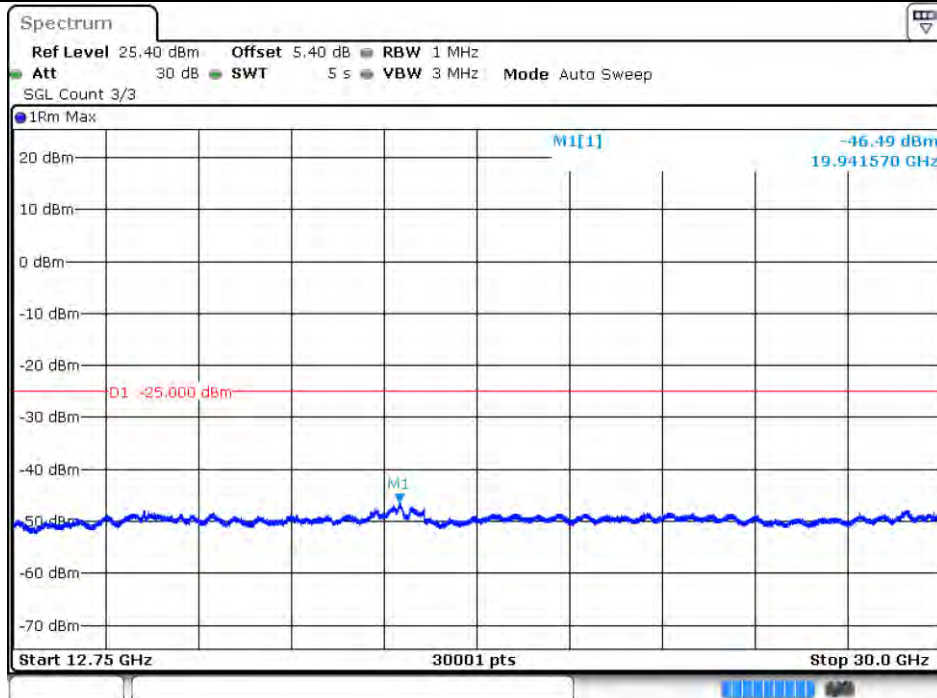


CA_7C_100RB+100RB_QPSK_21048+20850_1RB#0+0RB#0_1000_12750



Date: 7.MAR.2021 15:24:10

CA_7C_100RB+100RB_QPSK_21048+20850_1RB#0+0RB#0_12750_30000

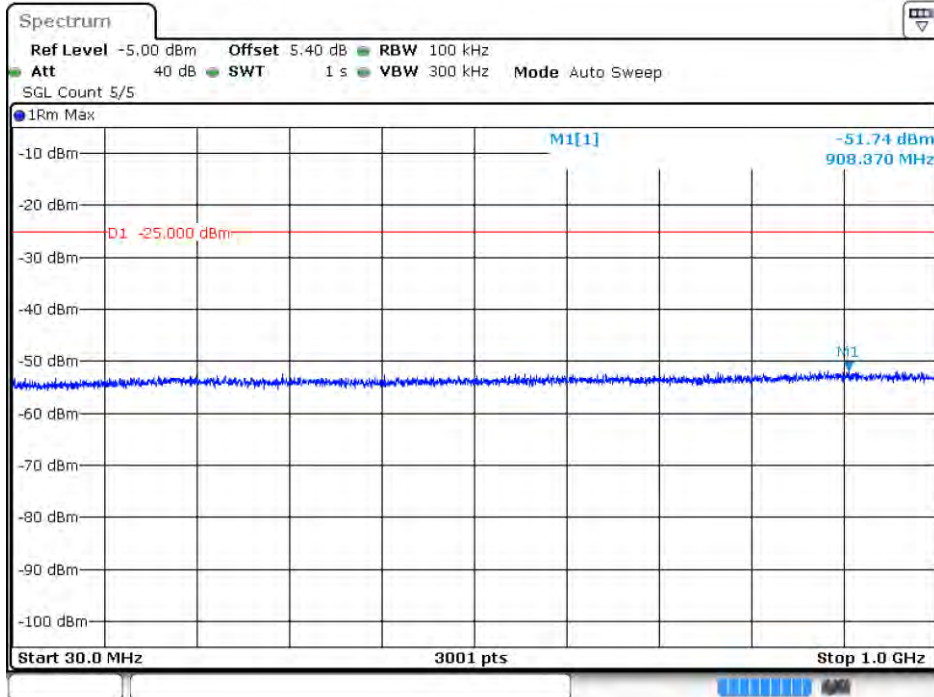


Date: 7.MAR.2021 15:32:14



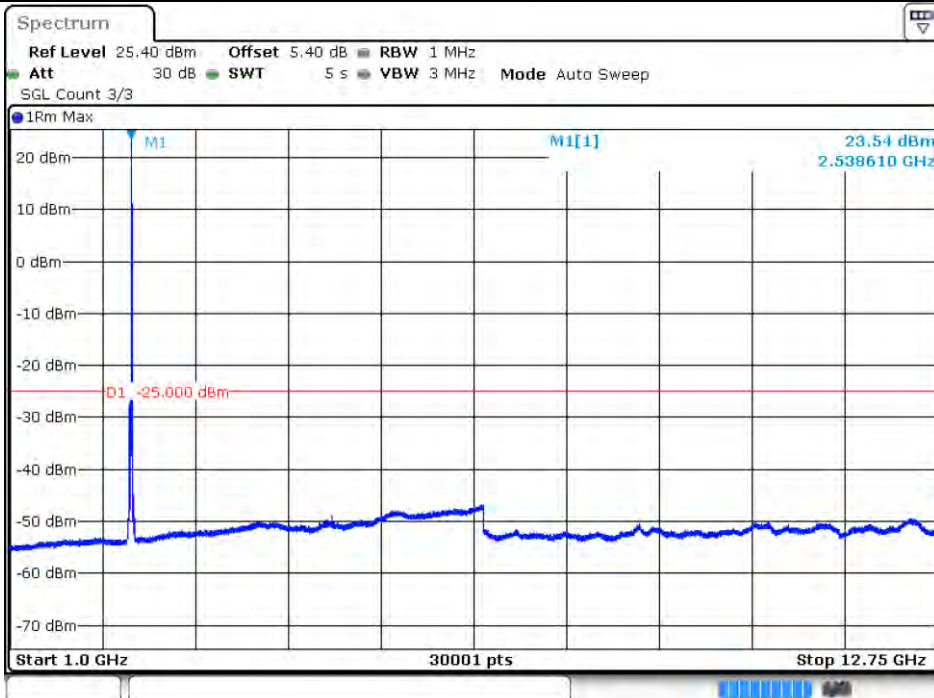


CA_7C_100RB+100RB_QPSK_21048+20850_0RB#0+1RB#99_30_1000



Date: 7.MAR.2021 15:20:47

CA_7C_100RB+100RB_QPSK_21048+20850_0RB#0+1RB#99_1000_12750

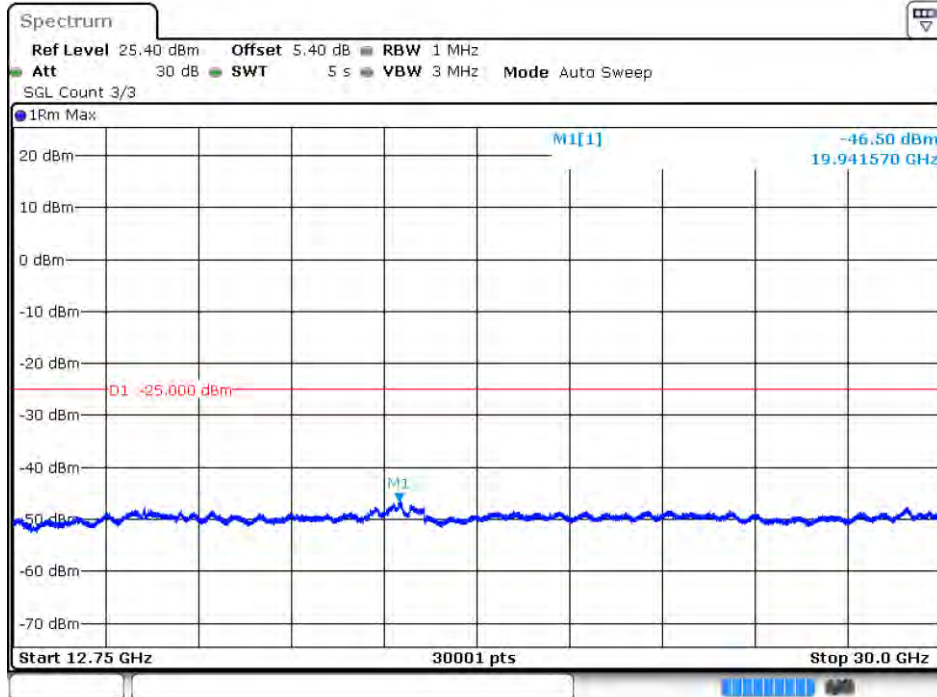


Date: 7.MAR.2021 15:24:27



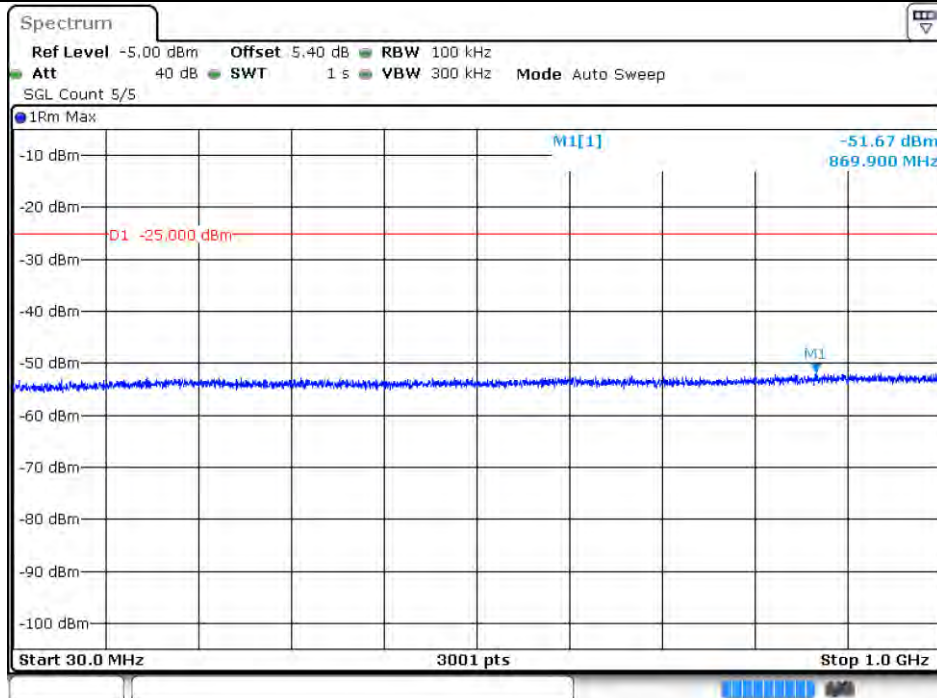


CA_7C_100RB+100RB_QPSK_21048+20850_0RB#0+1RB#99_12750_30000



Date: 7.MAR.2021 15:32:32

CA_7C_100RB+100RB_QPSK_21048+20850_100RB#0+100RB#0_30_1000

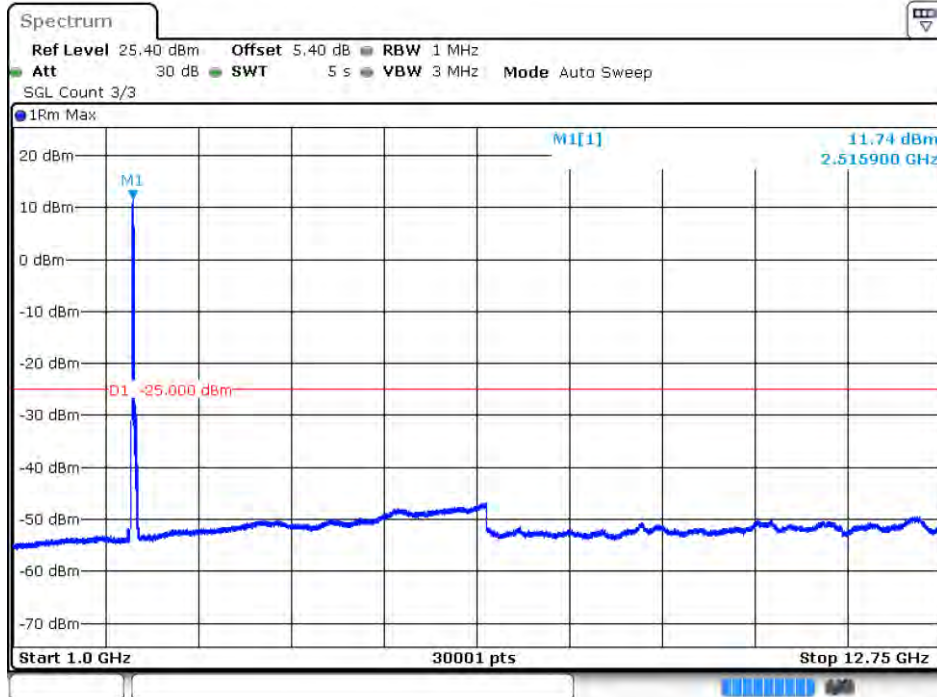


Date: 7.MAR.2021 15:20:53



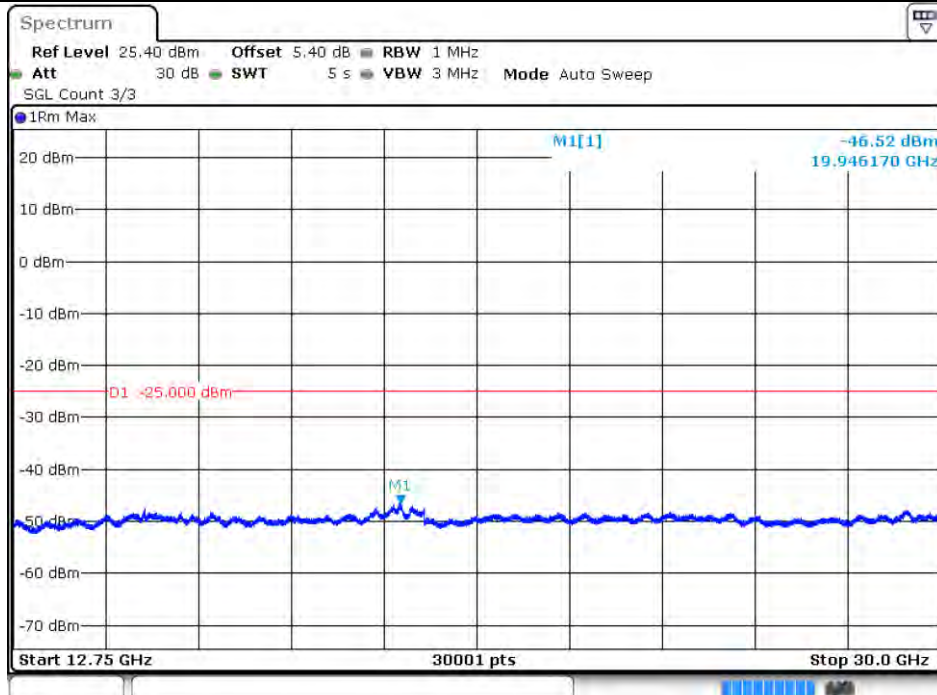


CA_7C_100RB+100RB_QPSK_21048+20850_100RB#0+100RB#0_1000_12750



Date: 7.MAR.2021 15:24:44

CA_7C_100RB+100RB_QPSK_21048+20850_100RB#0+100RB#0_12750_30000

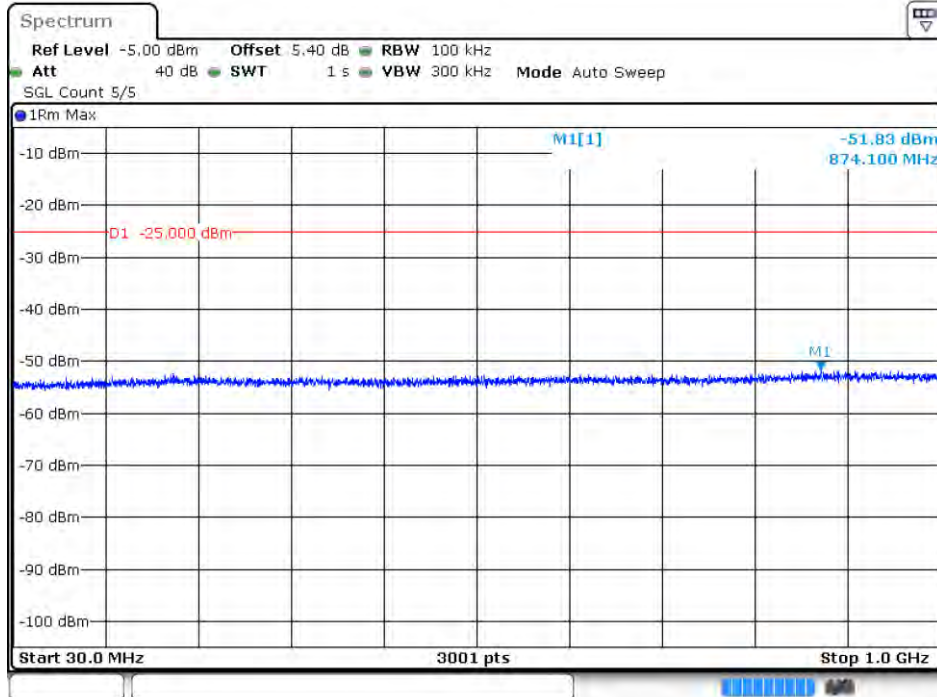


Date: 7.MAR.2021 15:32:49



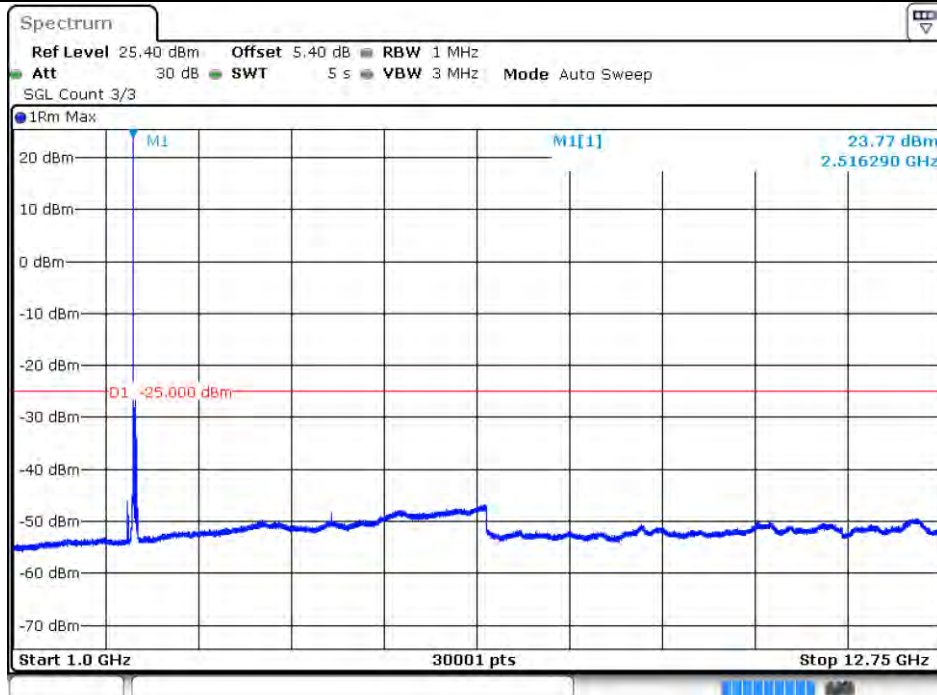


CA_7C_100RB+100RB_QPSK_21199+21001_1RB#0+0RB#0_30_1000



Date: 7.MAR.2021 15:21:41

CA_7C_100RB+100RB_QPSK_21199+21001_1RB#0+0RB#0_1000_12750

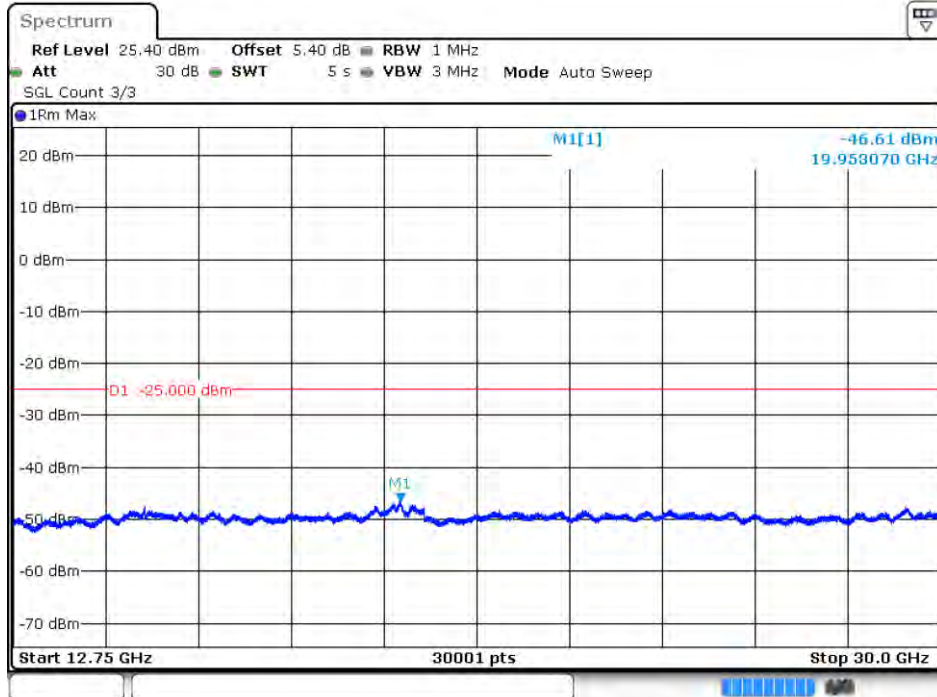


Date: 7.MAR.2021 15:26:45



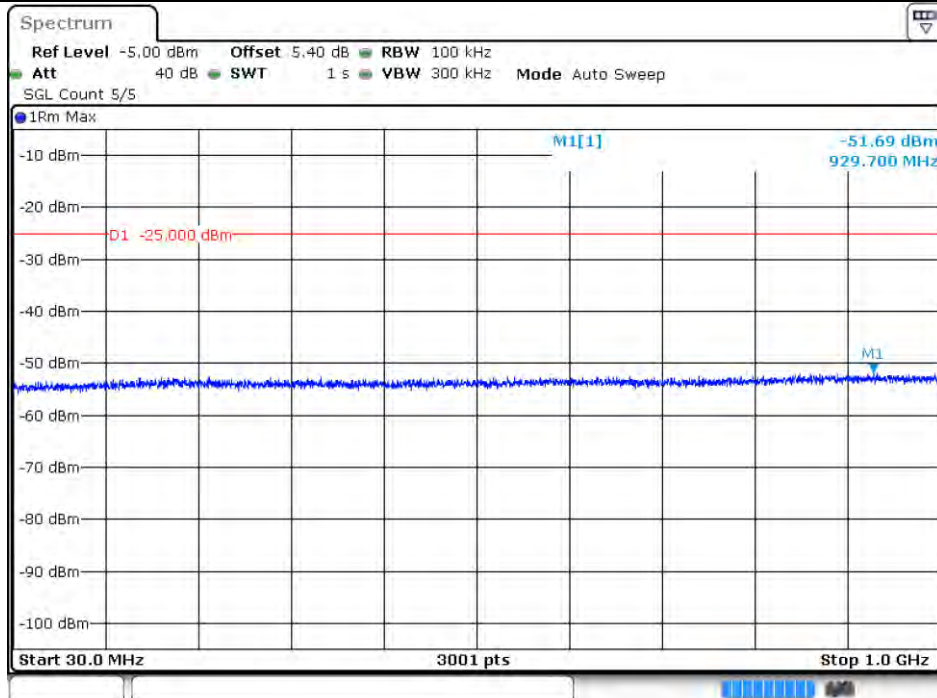


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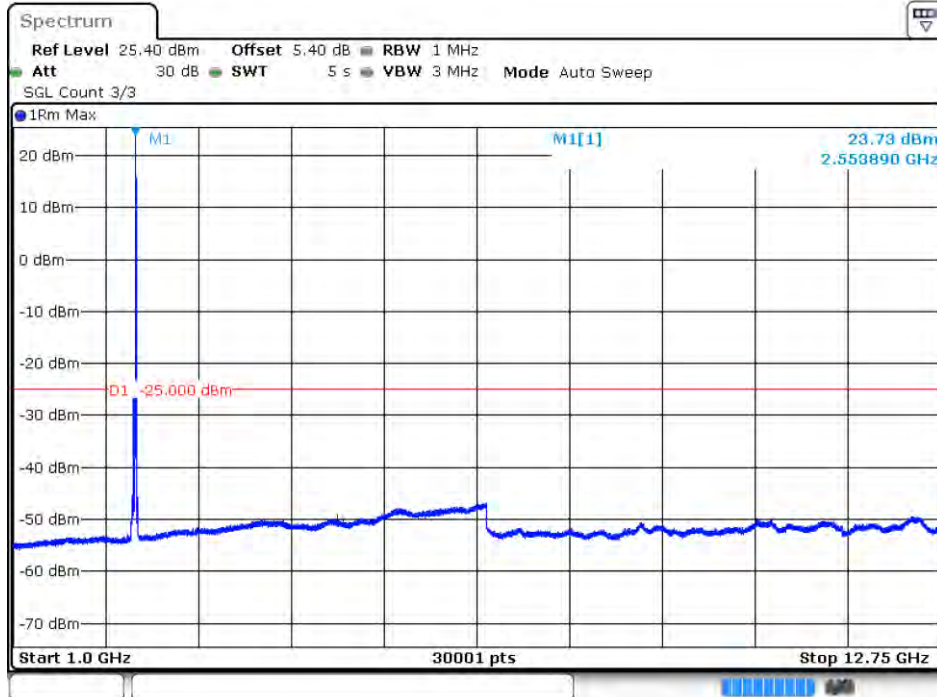
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 Shenzhen Branch Inspection & Testing Services Laboratory

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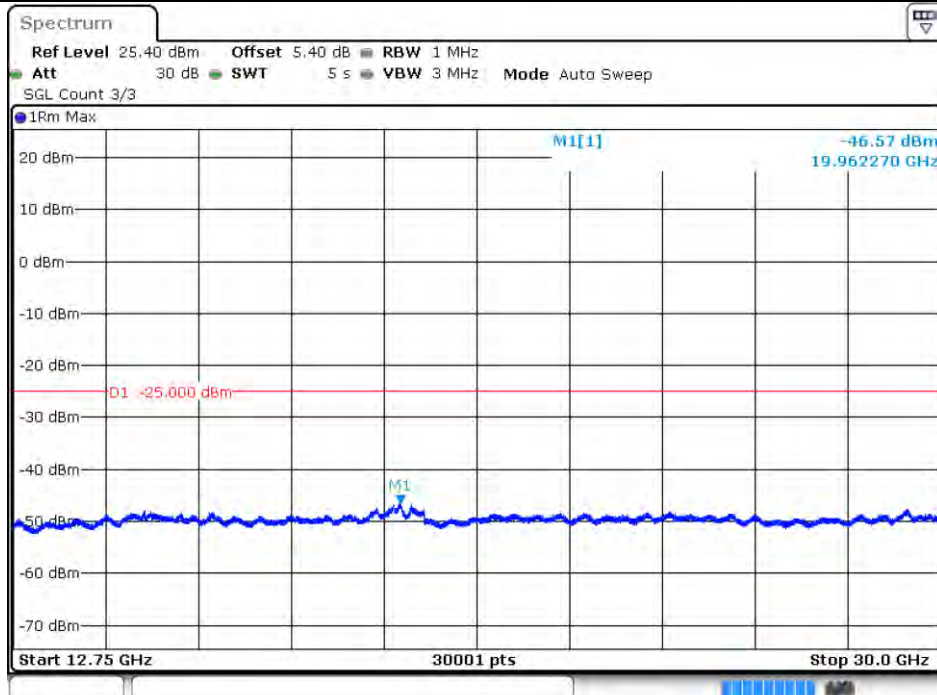


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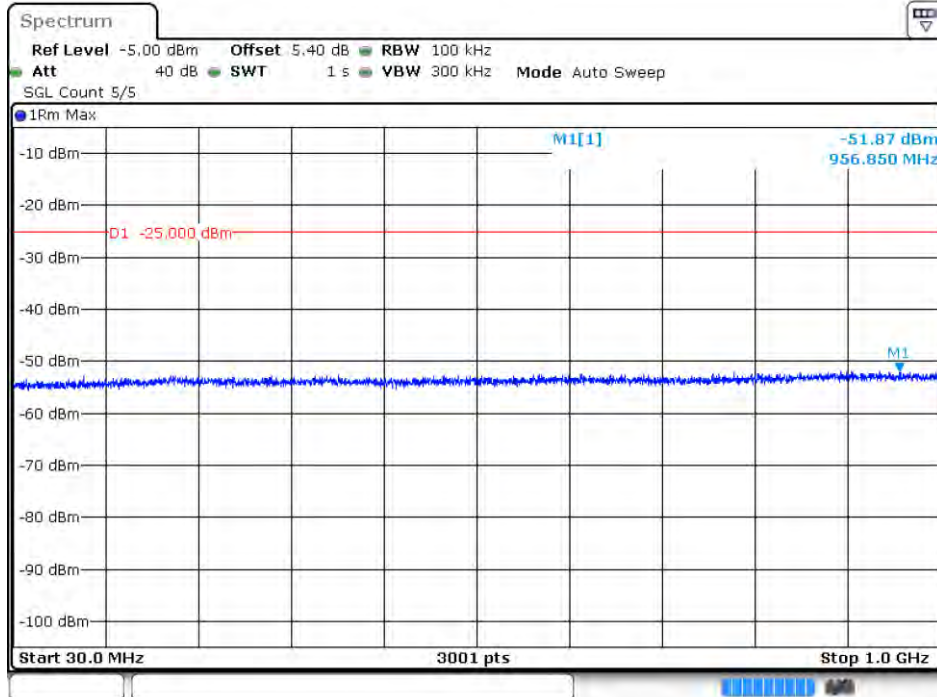


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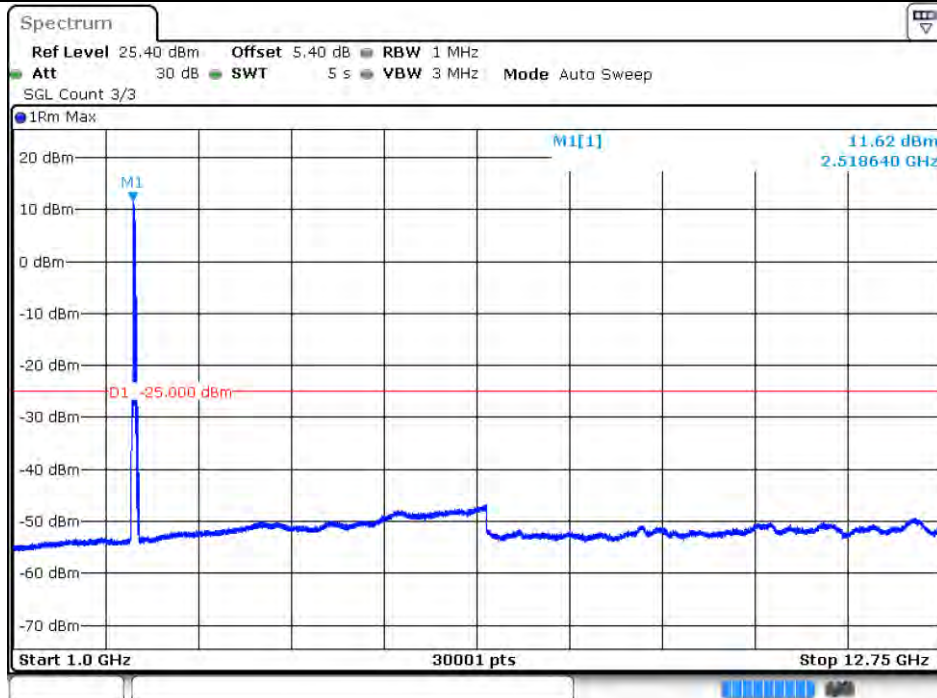


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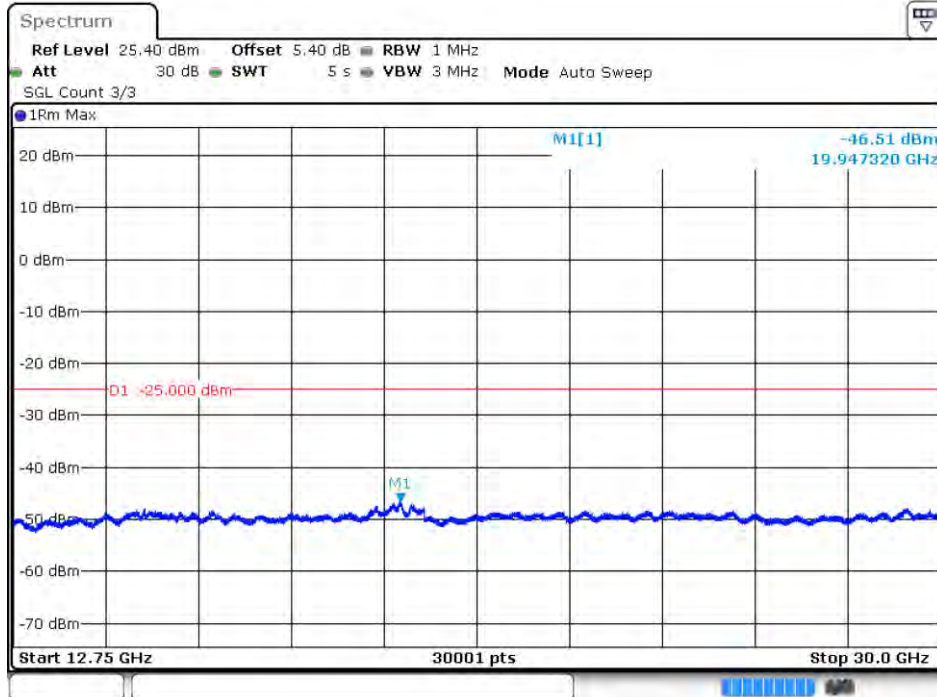


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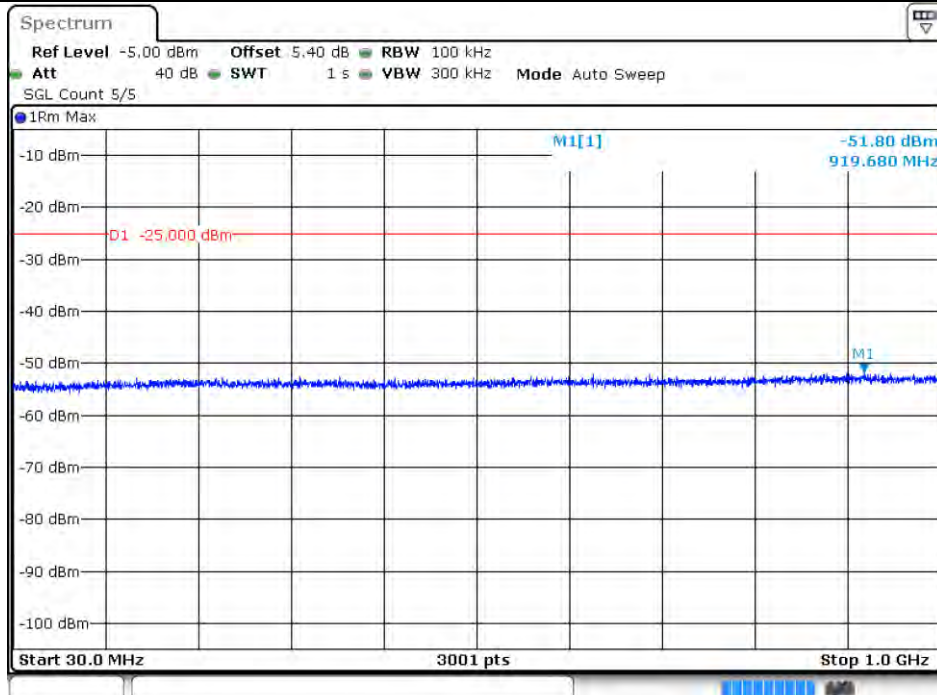


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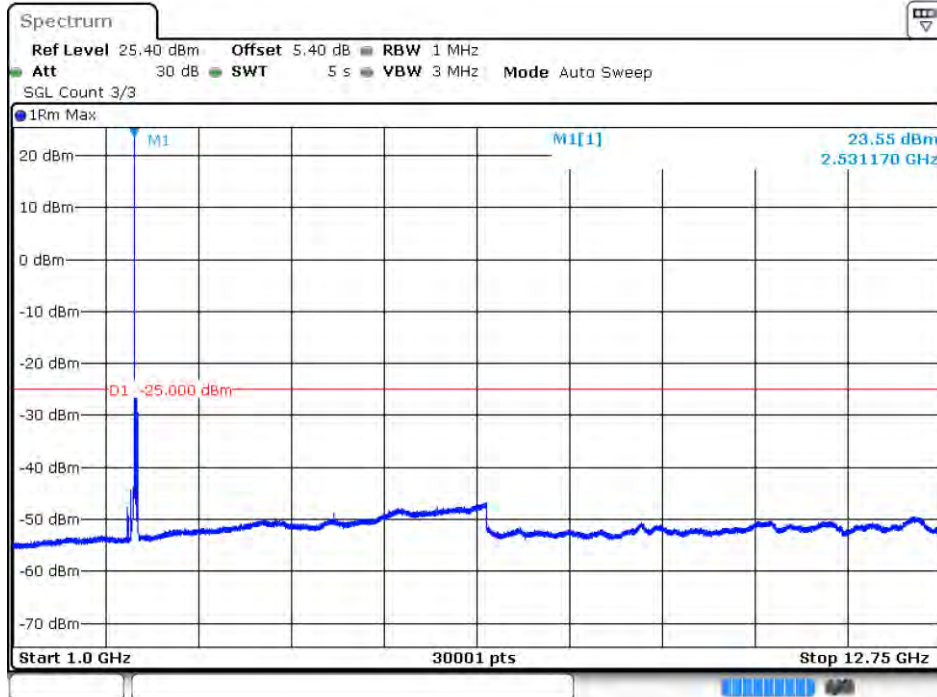


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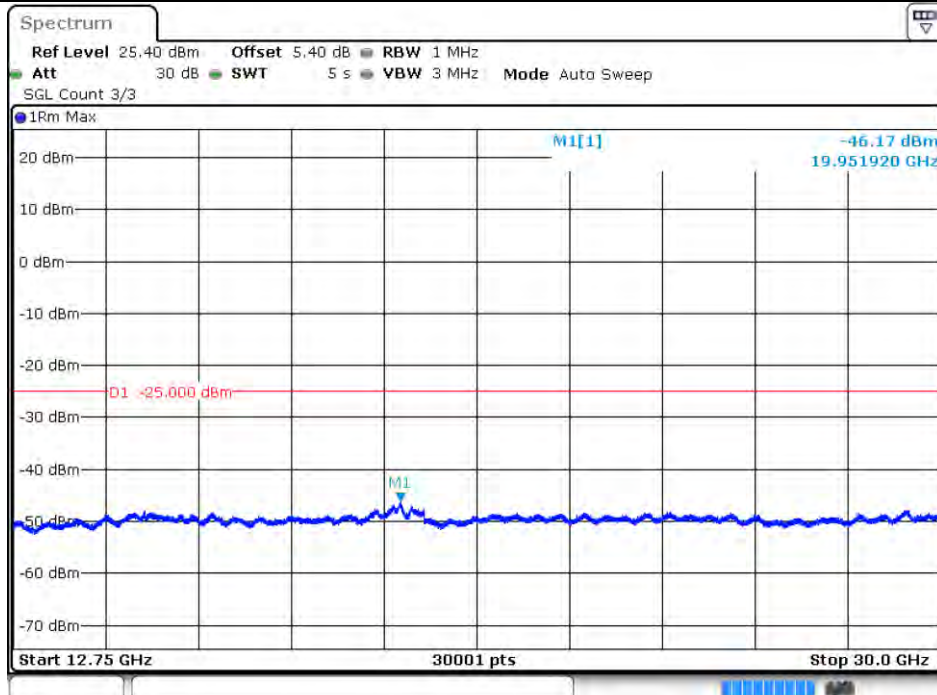


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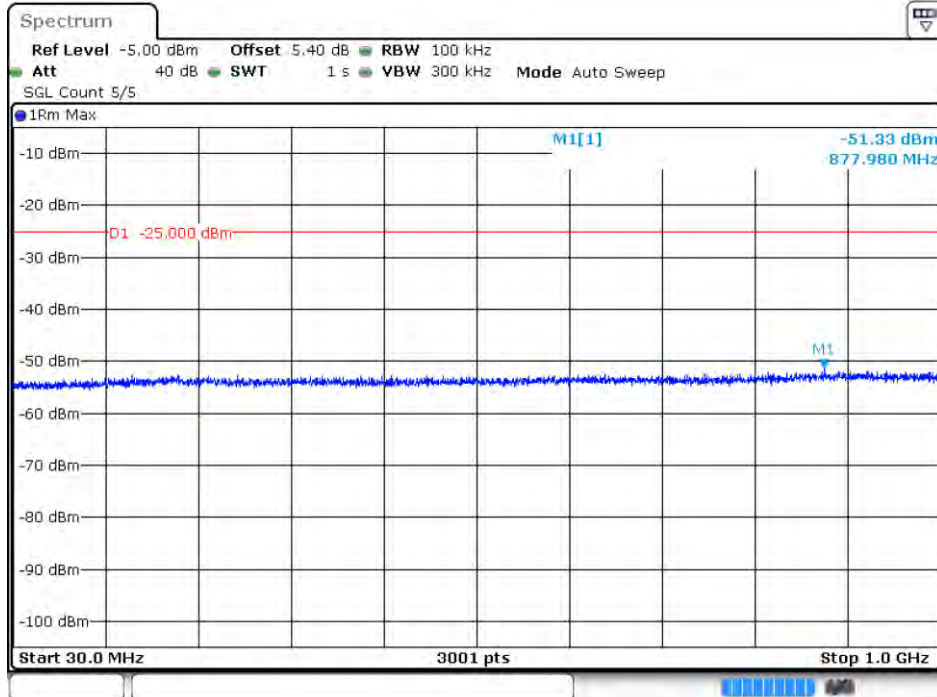


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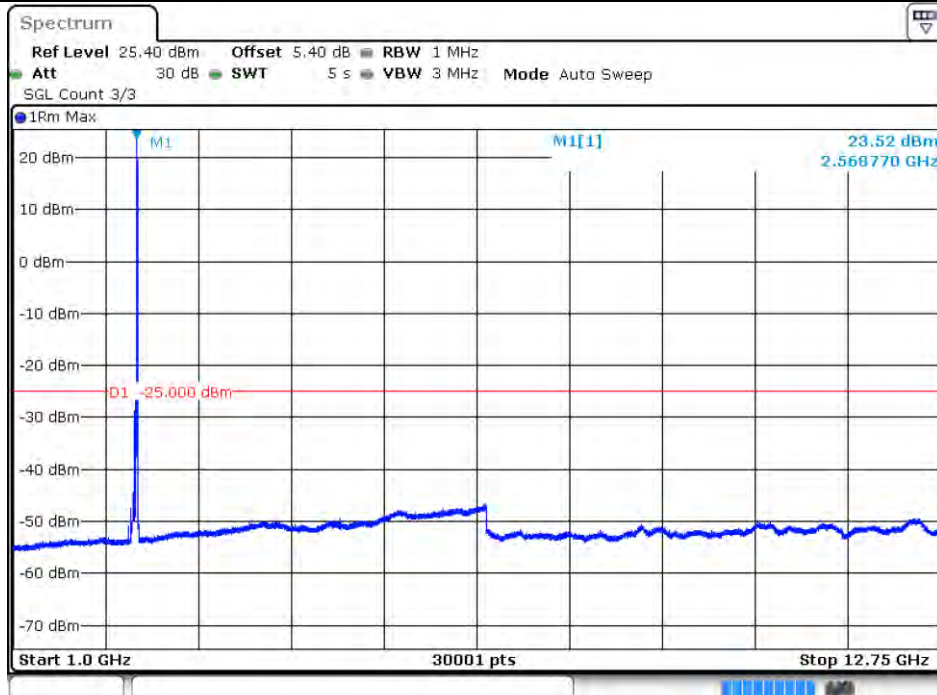


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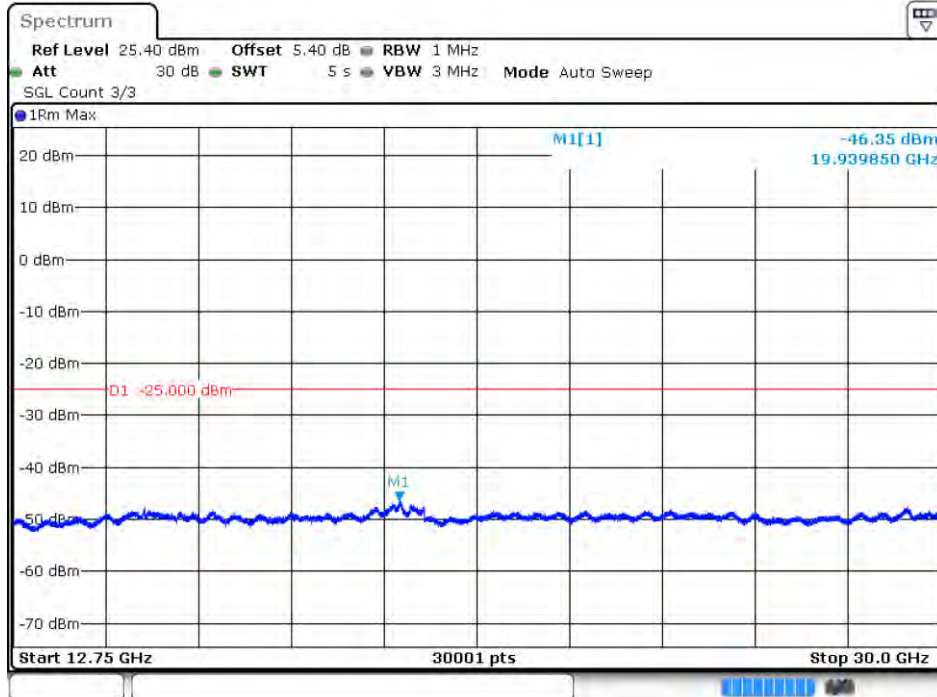


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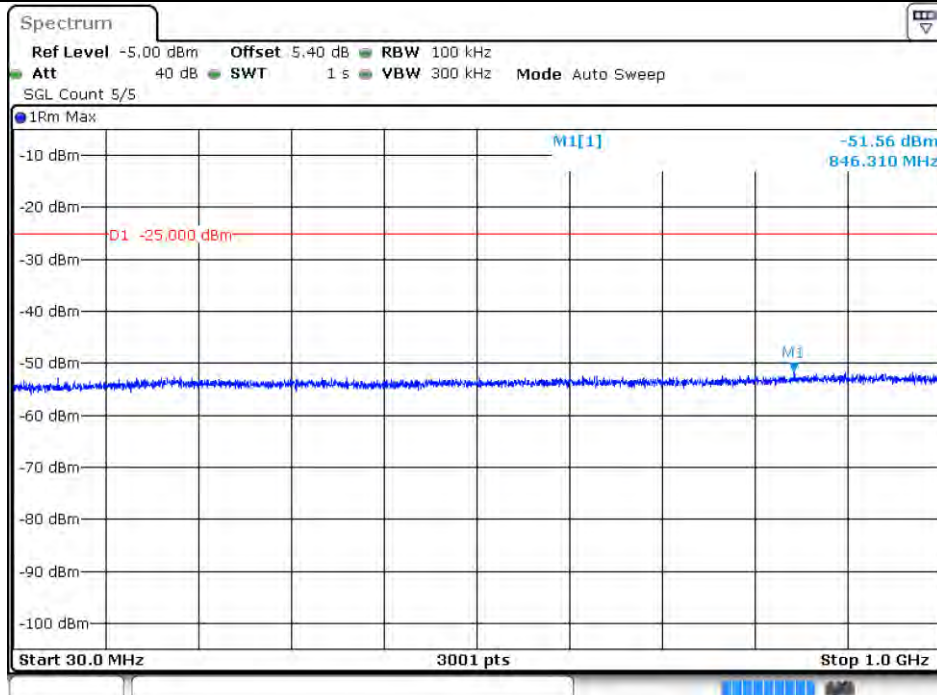


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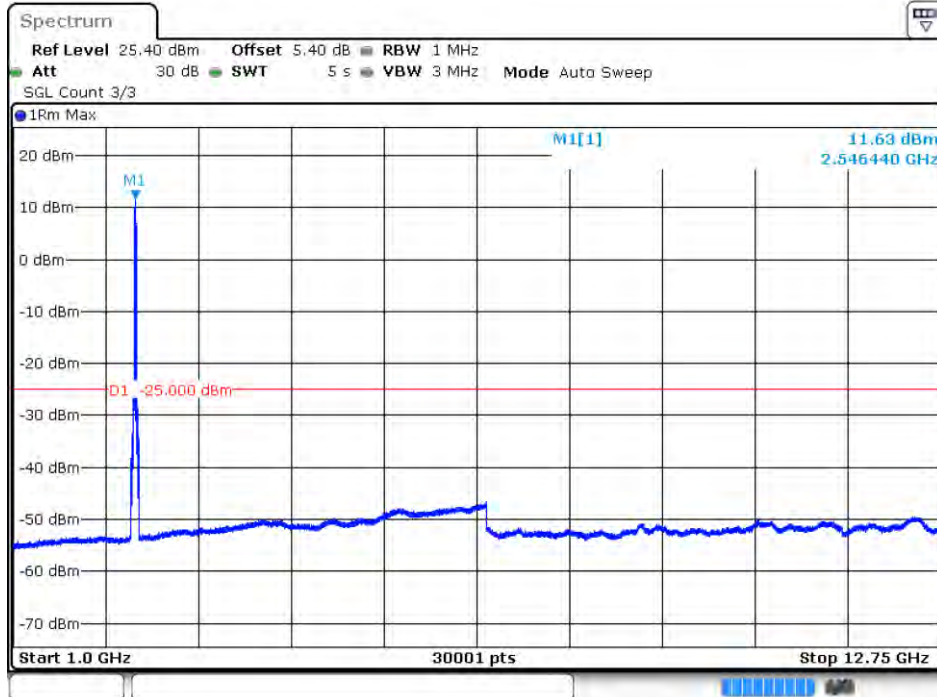


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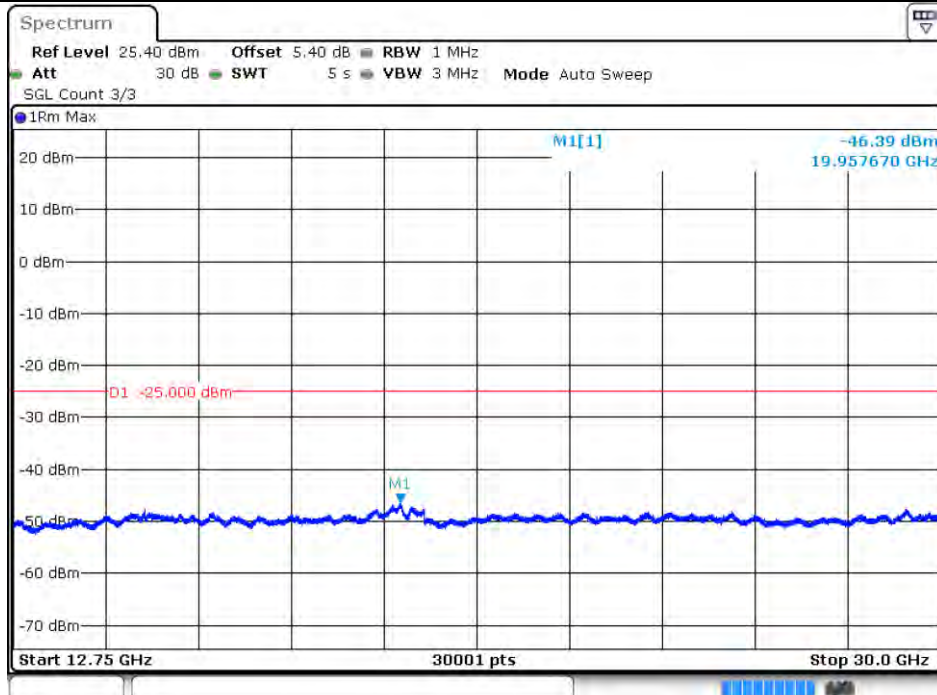


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Date: 7.MAR.2021 15:38:01





7 Frequency Stability

7.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	RB	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			Config					
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	TN	NV	-8.50	-0.003393	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	TN	NV	10.92	0.004327	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	TN	NV	-8.00	-0.003151	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	TN	NV	2.69	0.001064	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	TN	NV	-8.59	-0.003374	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	TN	NV	-5.59	-0.002184	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	TN	NV	7.93	0.003166	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	TN	NV	-5.65	-0.002237	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	TN	NV	0.08	0.000031	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	TN	NV	-9.82	-0.003881	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	TN	NV	-14.32	-0.005627	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	TN	NV	3.69	0.001443	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	TN	NV	2.29	0.000916	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	TN	NV	-11.25	-0.004456	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	TN	NV	12.94	0.005092	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	TN	NV	-2.60	-0.001028	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	TN	NV	2.98	0.001171	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	TN	NV	13.10	0.005117	PASS



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7.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	RB	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			Config					
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-30	-4.62	-0.001844	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-20	5.60	0.002237	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-10	-5.14	-0.002053	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	0	-9.36	-0.003736	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	10	8.05	0.003213	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	20	-9.10	-0.003634	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	30	6.16	0.002459	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	40	-10.68	-0.004264	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	50	9.00	0.003591	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-30	14.04	0.005558	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-20	13.38	0.005298	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-10	-1.10	-0.000437	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	0	14.38	0.005695	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	10	14.92	0.005909	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	20	11.00	0.004356	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	30	6.82	0.002700	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	40	-9.30	-0.003684	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	50	11.43	0.004526	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-30	-3.29	-0.001293	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-20	7.15	0.002816	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-10	4.37	0.001720	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	0	-6.87	-0.002705	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	10	-6.97	-0.002746	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	20	-13.14	-0.005173	PASS



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CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	30	-2.72	-0.001071	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	40	12.30	0.004841	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	50	3.73	0.001468	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-30	10.90	0.004308	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-20	-10.79	-0.004264	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-10	12.97	0.005129	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	0	10.35	0.004092	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	10	4.91	0.001939	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	20	-3.30	-0.001305	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	30	10.94	0.004325	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	40	13.63	0.005387	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	50	12.45	0.004922	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-30	-0.09	-0.000037	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-20	5.61	0.002204	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-10	4.05	0.001591	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	0	4.59	0.001803	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	10	0.12	0.000046	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	20	3.48	0.001366	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	30	4.72	0.001856	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	40	13.48	0.005296	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	50	-7.85	-0.003085	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-30	-4.06	-0.001586	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-20	-2.30	-0.000900	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-10	1.64	0.000640	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	0	10.40	0.004062	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	10	13.30	0.005194	PASS



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CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	20	-5.25	-0.002051	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	30	2.89	0.001130	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	40	2.03	0.000794	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	50	-6.65	-0.002597	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-30	5.64	0.002250	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-20	-11.04	-0.004406	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-10	-10.96	-0.004373	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	0	-7.11	-0.002838	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	10	8.33	0.003325	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	20	-7.76	-0.003097	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	30	11.98	0.004781	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	40	4.03	0.001608	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	50	6.92	0.002762	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-30	8.83	0.003496	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-20	-5.94	-0.002353	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-10	10.77	0.004263	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	0	-8.69	-0.003442	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	10	3.53	0.001397	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	20	-3.36	-0.001332	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	30	-0.15	-0.000059	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	40	-11.14	-0.004413	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	50	-6.71	-0.002656	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-30	-8.23	-0.003239	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-20	-10.09	-0.003972	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-10	-9.49	-0.003735	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	0	6.45	0.002538	PASS



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CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	10	-14.03	-0.005522	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	20	-12.80	-0.005038	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	30	-14.39	-0.005664	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	40	7.67	0.003019	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	50	13.43	0.005288	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-30	8.77	0.003467	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-20	-6.76	-0.002671	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-10	-6.63	-0.002622	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	0	-13.36	-0.005283	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	10	-1.38	-0.000547	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	20	3.34	0.001320	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	30	-7.26	-0.002872	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	40	0.16	0.000063	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	50	-8.37	-0.003309	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-30	6.58	0.002585	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-20	11.67	0.004587	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-10	0.96	0.000378	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	0	12.55	0.004931	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	10	-9.48	-0.003724	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	20	8.06	0.003169	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	30	-8.56	-0.003365	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	40	8.18	0.003216	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	50	-12.32	-0.004840	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-30	-8.64	-0.003377	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-20	-12.91	-0.005043	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-10	-9.53	-0.003722	PASS



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CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	0	-14.55	-0.005683	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	10	7.15	0.002792	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	20	8.06	0.003150	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	30	6.31	0.002463	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	40	1.26	0.000491	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	50	14.03	0.005479	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-30	11.49	0.004587	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-20	-8.25	-0.003292	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-10	-4.74	-0.001891	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	0	-8.33	-0.003326	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	10	-6.54	-0.002609	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	20	-3.19	-0.001275	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	30	-3.84	-0.001531	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	40	-8.23	-0.003284	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	50	-1.65	-0.000659	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-30	14.72	0.005831	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-20	-3.11	-0.001230	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-10	-12.50	-0.004952	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	0	-5.24	-0.002074	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	10	-9.82	-0.003889	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	20	4.65	0.001843	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	30	-11.56	-0.004578	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	40	-11.74	-0.004651	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	50	-7.16	-0.002837	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-30	-12.67	-0.004986	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-20	-14.38	-0.005660	PASS



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CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-10	3.35	0.001320	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	0	13.03	0.005128	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	10	11.39	0.004484	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	20	-5.61	-0.002210	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	30	-6.42	-0.002528	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	40	-7.16	-0.002819	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	50	-3.43	-0.001349	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-30	-2.19	-0.000867	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-20	5.70	0.002255	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-10	12.98	0.005131	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	0	0.46	0.000182	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	10	14.90	0.005888	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	20	14.53	0.005745	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	30	1.73	0.000682	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	40	12.53	0.004955	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	50	-0.23	-0.000092	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-30	-12.25	-0.004813	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-20	5.06	0.001987	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-10	5.72	0.002246	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	0	10.62	0.004174	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	10	8.90	0.003499	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	20	5.99	0.002354	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	30	14.22	0.005588	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	40	0.54	0.000214	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	50	13.64	0.005359	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-30	-14.55	-0.005683	PASS



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CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-20	8.11	0.003168	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-10	7.18	0.002806	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	0	-2.93	-0.001143	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	10	-3.22	-0.001258	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	20	12.48	0.004874	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	30	-5.93	-0.002316	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	40	12.62	0.004928	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	50	-7.08	-0.002766	PASS

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