



Appendix B

E-UTRA Band CA_7C



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1 Effective (Isotropic) Radiated Power Output Data

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	24.11	23.51	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	23.89	23.29	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	23.91	23.31	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	23.97	23.37	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	23.96	23.36	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	23.8	23.20	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	23.64	23.04	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	23.35	22.75	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	23.97	23.37	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	23.61	23.01	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	23.60	23.00	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	23.62	23.02	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	23.92	23.32	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	23.63	23.03	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	23.61	23.01	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	23.69	23.09	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	23.35	22.75	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	23.96	23.36	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	23.53	22.93	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	23.58	22.98	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	23.67	23.07	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	23.6	23.00	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	23.42	22.82	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	23.76	23.16	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	23.45	22.85	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	23.77	23.17	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	23.53	22.93	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	23.84	23.24	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	23.49	22.89	33.00	PASS



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CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	23.66	23.06	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	23.31	22.71	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	23.71	23.11	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	23.64	23.04	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	22.73	22.13	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	22.91	22.31	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	22.61	22.01	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	22.78	22.18	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	22.77	22.17	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	22.77	22.17	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	22.73	22.13	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	22.38	21.78	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	22.61	22.01	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	22.48	21.88	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	22.85	22.25	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	22.51	21.91	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	22.81	22.21	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	22.77	22.17	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	22.73	22.13	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	22.66	22.06	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	22.53	21.93	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	22.72	22.12	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	22.6	22.00	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	22.71	22.11	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	22.29	21.69	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	22.83	22.23	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	22.44	21.84	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	22.59	21.99	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	22.48	21.88	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	22.92	22.32	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	22.54	21.94	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	22.93	22.33	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	22.5	21.90	33.00	PASS



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CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	22.58	21.98	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	22.59	21.99	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	22.61	22.01	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	22.61	22.01	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	21.76	21.16	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	21.65	21.05	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	21.83	21.23	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	21.83	21.23	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	21.81	21.21	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	21.95	21.35	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	21.92	21.32	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	21.61	21.01	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	21.59	20.99	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	21.64	21.04	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	21.80	21.20	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	21.35	20.75	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	21.81	21.21	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	21.66	21.06	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	21.61	21.01	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	21.68	21.08	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	21.40	20.80	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	21.76	21.16	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	21.48	20.88	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	21.64	21.04	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	21.59	20.99	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	21.86	21.26	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	21.31	20.71	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	21.66	21.06	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	21.30	20.70	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	21.71	21.11	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	21.32	20.72	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	21.72	21.12	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	21.64	21.04	33.00	PASS



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CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	21.71	21.11	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	21.42	20.82	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	21.80	21.20	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	21.39	20.79	33.00	PASS

Ant5:

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	18.82	17.32	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	18.73	17.23	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	16.66	15.16	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	18.81	17.31	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	18.88	17.38	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	18.72	17.22	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	18.56	17.06	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	18.27	16.77	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	18.89	17.39	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	18.52	17.02	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	18.52	17.02	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	18.54	17.04	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	18.84	17.34	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	18.55	17.05	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	18.53	17.03	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	18.61	17.11	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	18.27	16.77	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	18.88	17.38	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	18.45	16.95	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	18.50	17.00	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	18.59	17.09	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	18.52	17.02	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	18.34	16.84	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	18.68	17.18	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	18.37	16.87	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	18.69	17.19	33.00	PASS



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CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	18.45	16.95	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	18.76	17.26	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	18.41	16.91	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	18.58	17.08	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	18.23	16.73	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	18.63	17.13	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	18.56	17.06	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	17.65	16.15	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	17.83	16.33	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	17.53	16.03	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	17.70	16.20	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	17.69	16.19	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	17.69	16.19	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	17.65	16.15	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	17.30	15.80	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	17.53	16.03	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	17.4	15.90	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	17.77	16.27	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	17.43	15.93	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	17.73	16.23	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	17.69	16.19	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	17.65	16.15	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	17.58	16.08	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	17.45	15.95	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	17.64	16.14	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	17.52	16.02	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	17.63	16.13	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	17.21	15.71	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	17.75	16.25	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	17.36	15.86	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	17.51	16.01	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	17.40	15.90	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	17.84	16.34	33.00	PASS



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CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	17.46	15.96	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	17.85	16.35	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	17.42	15.92	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	17.50	16.00	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	17.51	16.01	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	17.53	16.03	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	17.53	16.03	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	16.68	15.18	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	16.57	15.07	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	16.75	15.25	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	16.75	15.25	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	16.73	15.23	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	16.87	15.37	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	16.84	15.34	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	16.53	15.03	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	16.51	15.01	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	16.56	15.06	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	16.72	15.22	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	16.27	14.77	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	16.73	15.23	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	16.58	15.08	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	16.53	15.03	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	16.60	15.10	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	16.32	14.82	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	16.68	15.18	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	16.40	14.90	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	16.56	15.06	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	16.51	15.01	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	16.78	15.28	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	16.23	14.73	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	16.58	15.08	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	16.22	14.72	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	16.63	15.13	33.00	PASS



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CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	16.24	14.74	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	16.64	15.14	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	16.56	15.06	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	16.63	15.13	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	16.34	14.84	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	16.72	15.22	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	16.31	14.81	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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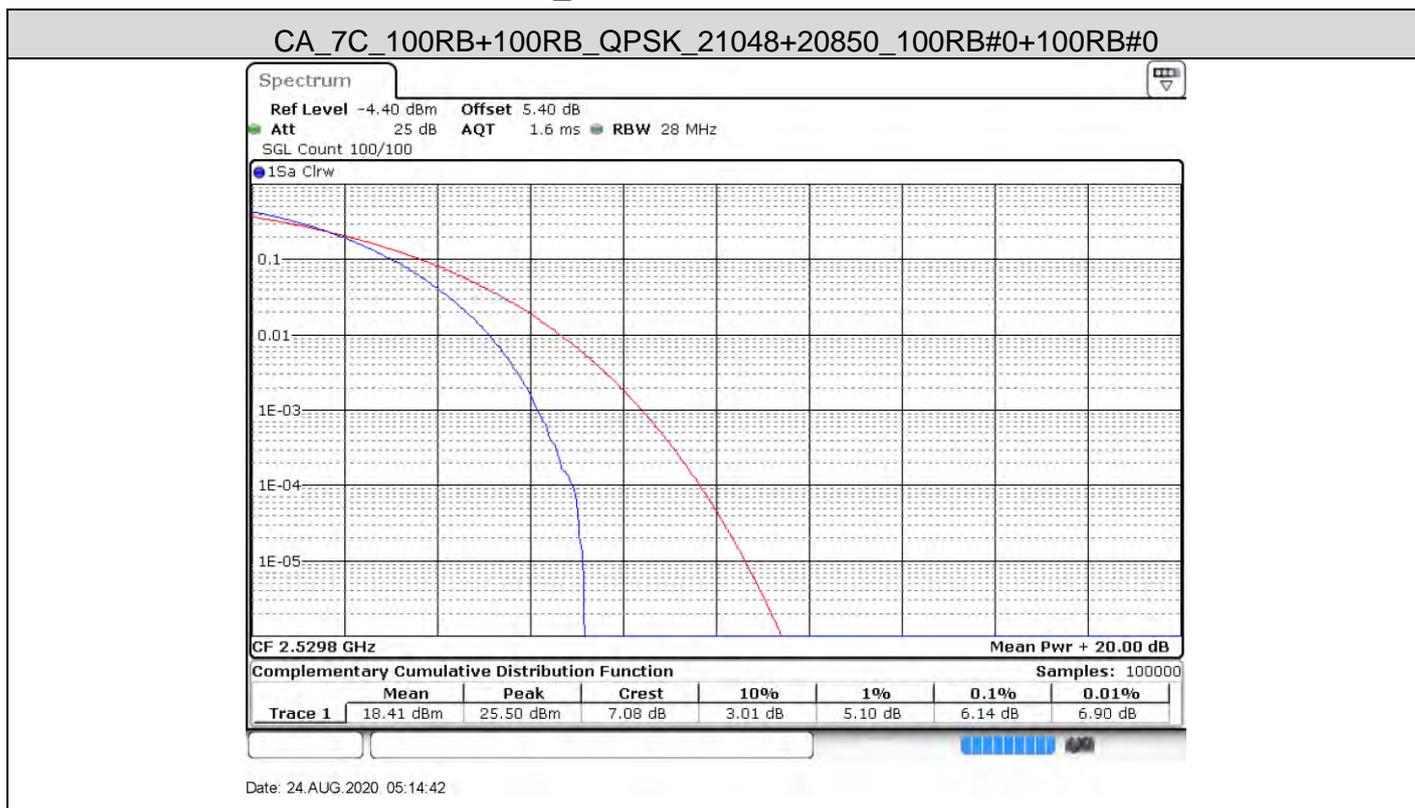
2 Peak-to-Average Ratio

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	6.14	13.00	PASS
CA_7C	QPSK	100RB+100RB	21199+21001	100RB#0	100RB#0	6.06	13.00	PASS
CA_7C	QPSK	100RB+100RB	21350+21152	100RB#0	100RB#0	6.20	13.00	PASS
CA_7C	16QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	6.58	13.00	PASS
CA_7C	16QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	6.72	13.00	PASS
CA_7C	16QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	6.58	13.00	PASS
CA_7C	64QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	6.49	13.00	PASS
CA_7C	64QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	6.70	13.00	PASS
CA_7C	64QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	6.61	13.00	PASS

2.1 For LTE

2.1.1 Test Band = LTE Band CA_7C

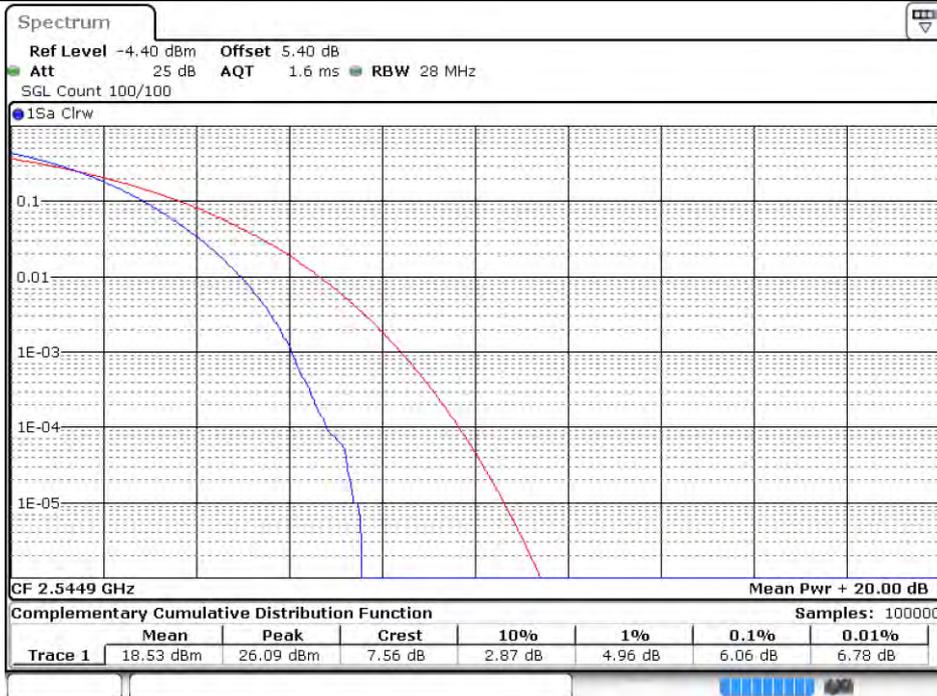


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CA_7C_100RB+100RB_QPSK_21199+21001_100RB#0+100RB#0



Date: 24.AUG.2020 05:15:05

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



Date: 24.AUG.2020 05:15:21

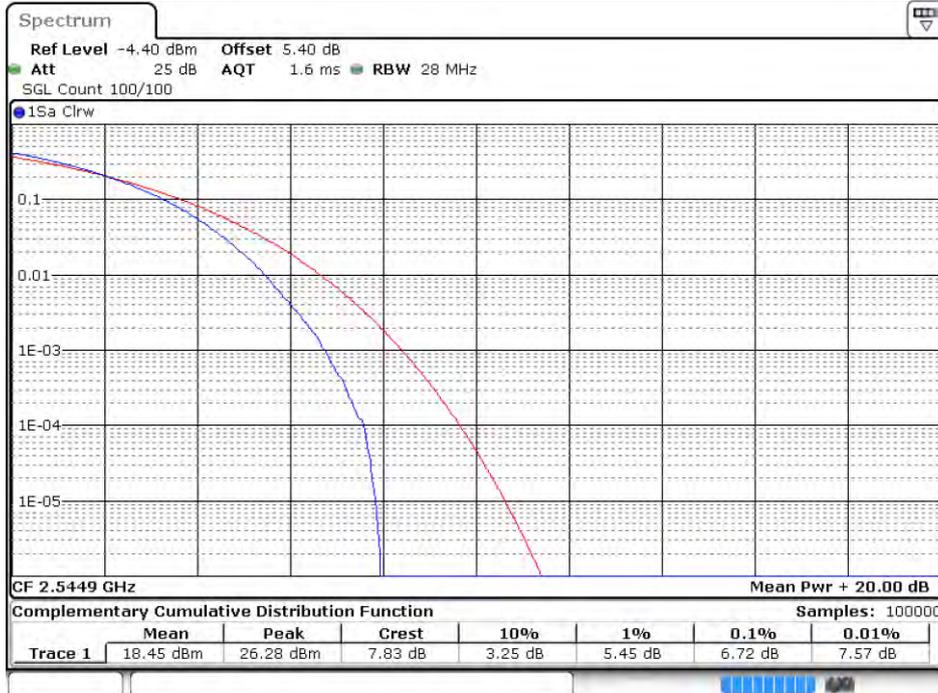


CA_7C_100RB+100RB_16QAM_21048+20850_100RB#0+100RB#0



Date: 24.AUG.2020 05:14:50

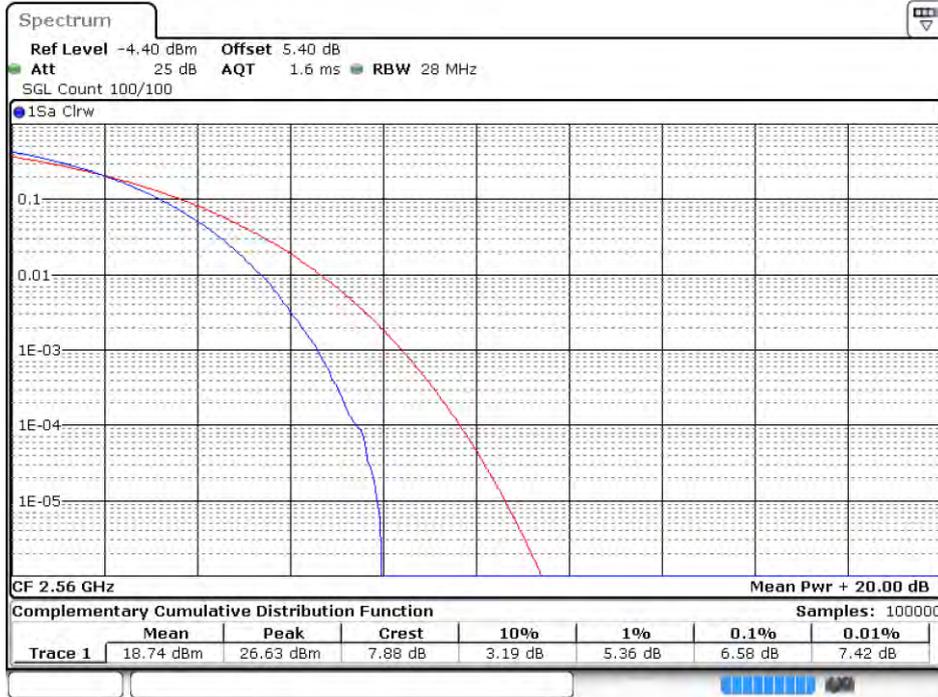
CA_7C_100RB+100RB_16QAM_21199+21001_100RB#0+100RB#0



Date: 24.AUG.2020 05:15:09

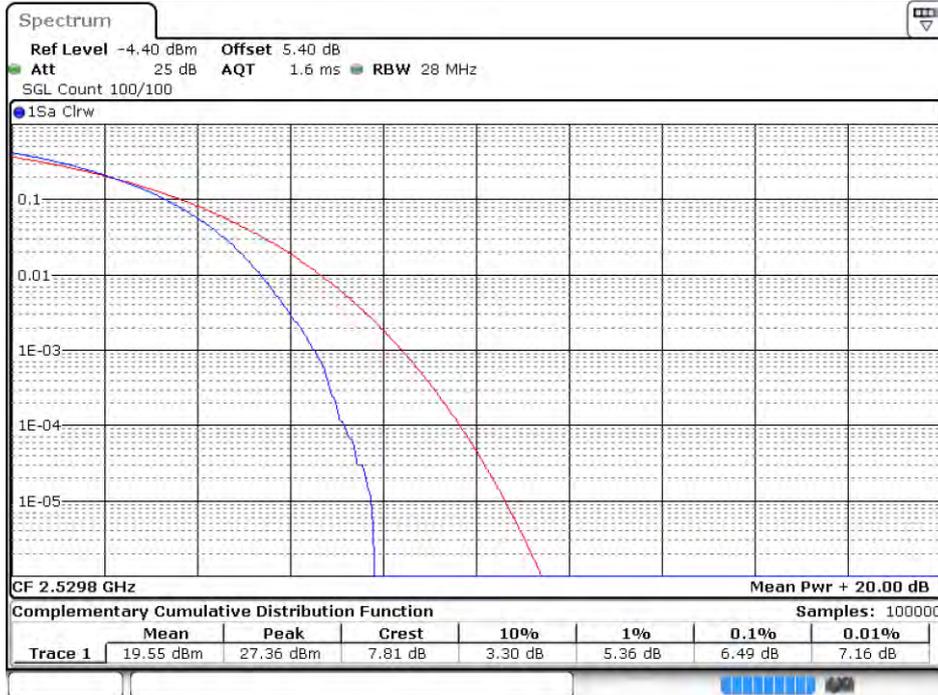


CA_7C_100RB+100RB_16QAM_21350+21152_100RB#0+100RB#0



Date: 24.AUG.2020 05:15:28

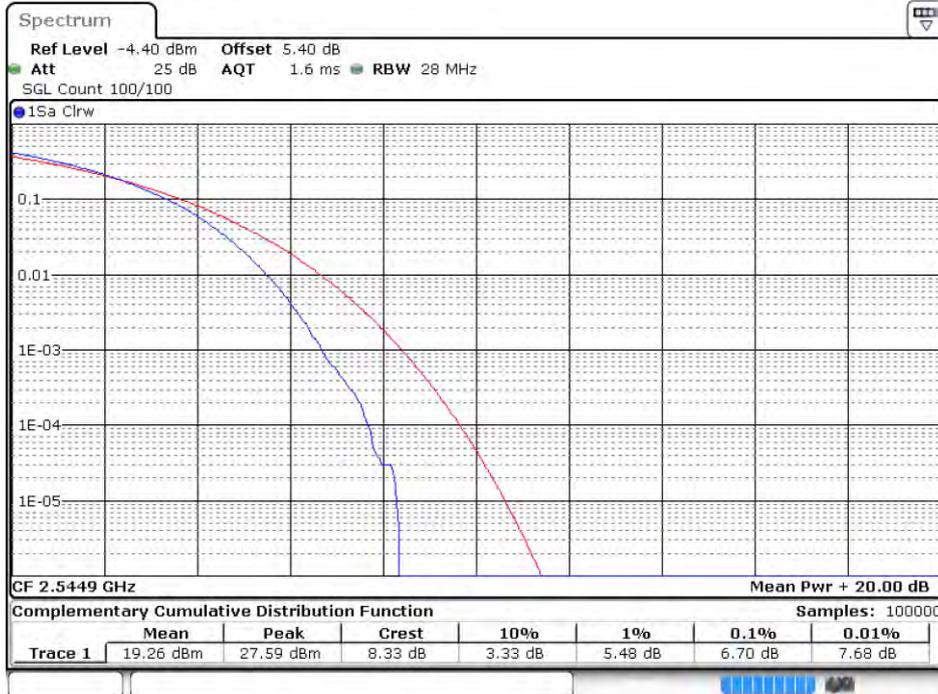
CA_7C_100RB+100RB_64QAM_21048+20850_100RB#0+100RB#0



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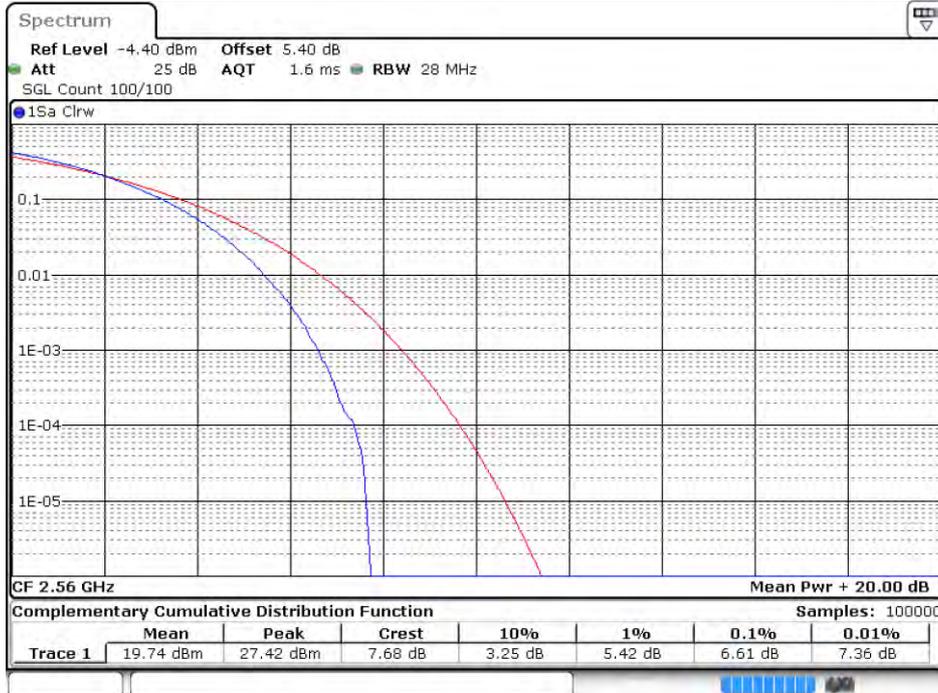


CA_7C_100RB+100RB_64QAM_21199+21001_100RB#0+100RB#0



Date: 24.AUG.2020 05:15:13

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



Date: 24.AUG.2020 05:15:32





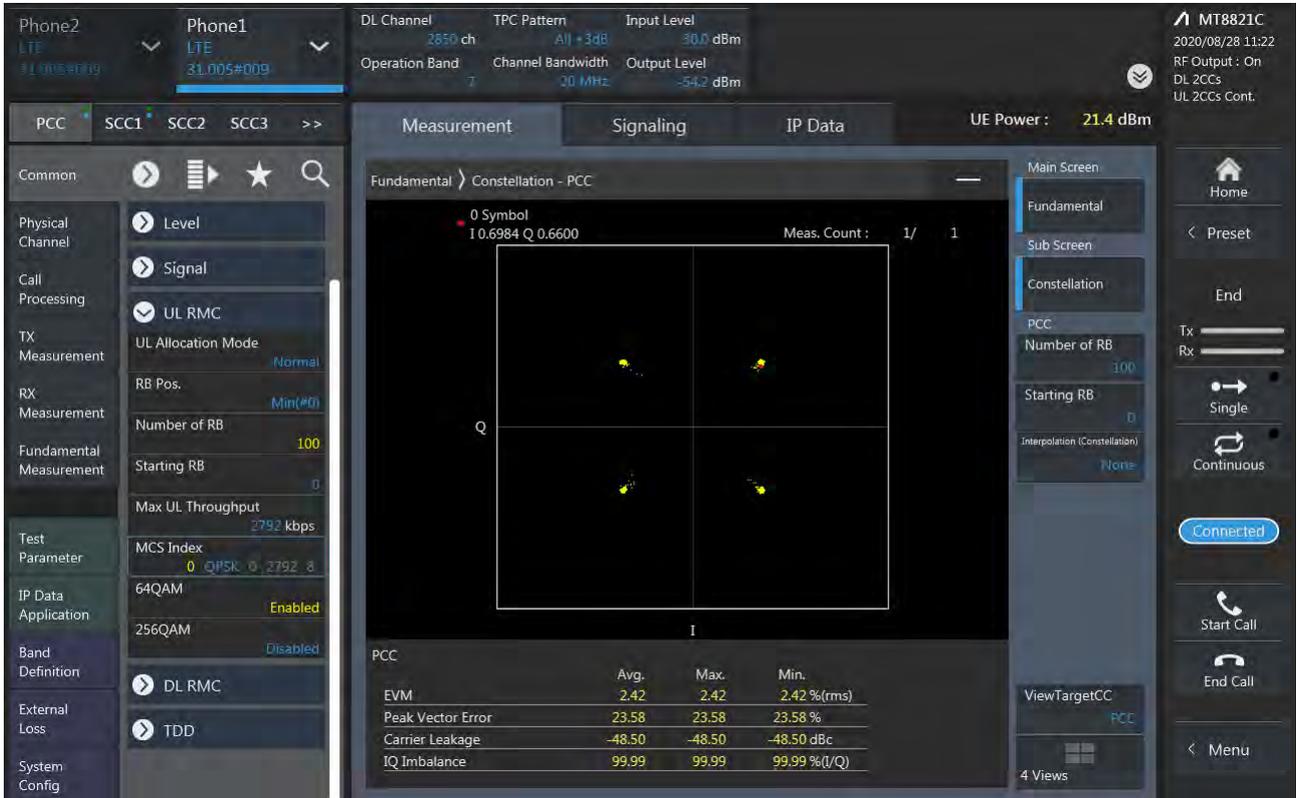
3 Modulation Characteristics

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



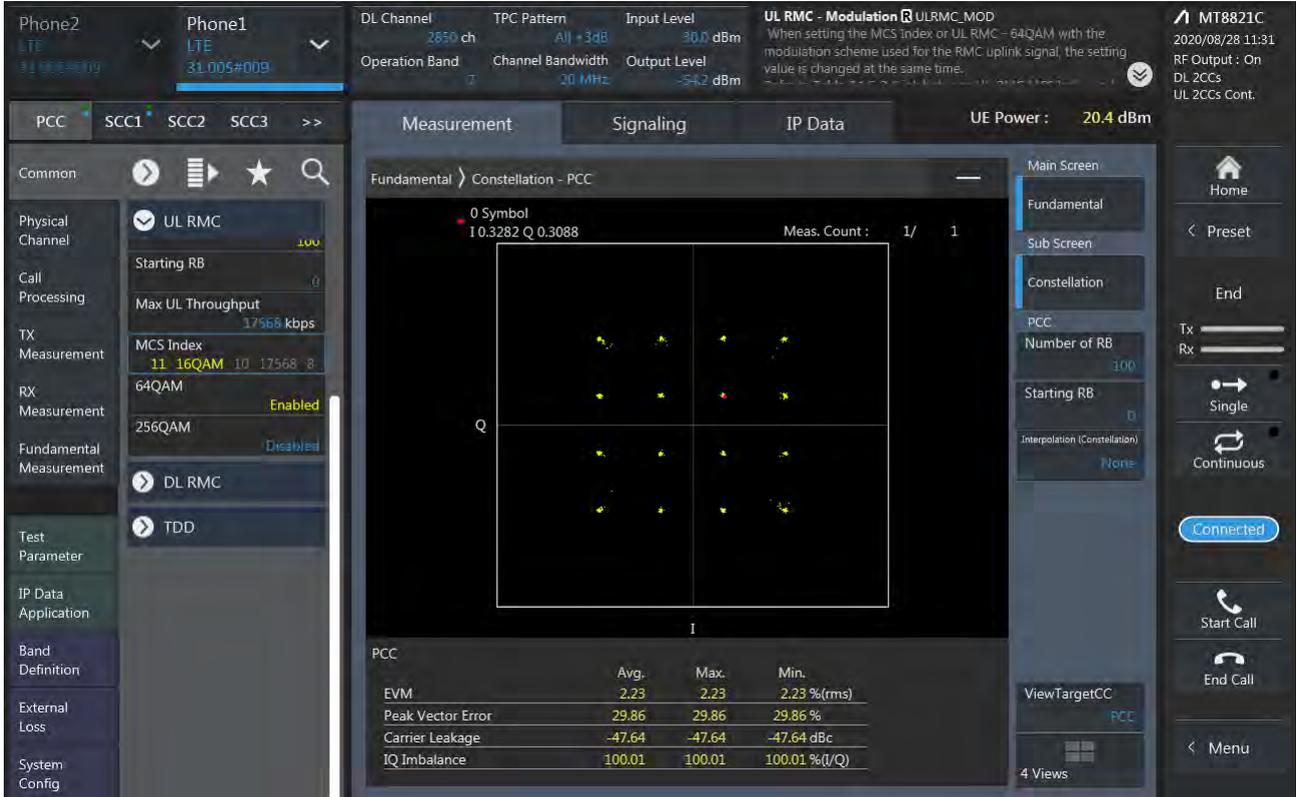
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3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

3.1.1.2.1 Test Channel =20850+20994



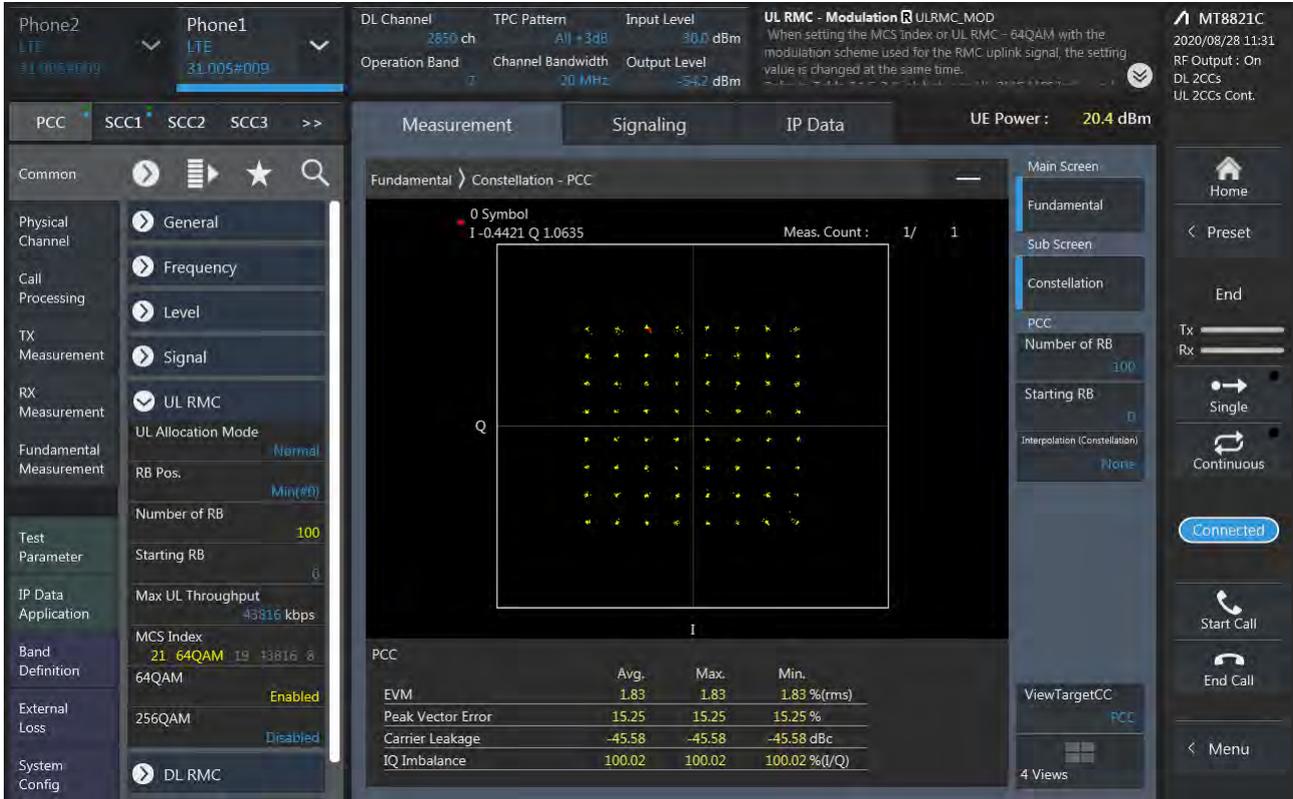
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3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 Test Channel = 20850+20994



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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	27.67	28.60	PASS
CA_7C	50RB+100RB	16QAM	20805+20949	50RB#0+100RB#0	27.68	28.61	PASS
CA_7C	50RB+100RB	64QAM	20805+20949	50RB#0+100RB#0	27.67	28.61	PASS
CA_7C	50RB+100RB	QPSK	21006+21150	50RB#0+100RB#0	27.62	28.54	PASS
CA_7C	50RB+100RB	16QAM	21006+21150	50RB#0+100RB#0	27.61	28.58	PASS
CA_7C	50RB+100RB	64QAM	21006+21150	50RB#0+100RB#0	27.61	28.63	PASS
CA_7C	50RB+100RB	QPSK	21206+21350	50RB#0+100RB#0	27.55	28.55	PASS
CA_7C	50RB+100RB	16QAM	21206+21350	50RB#0+100RB#0	27.53	28.57	PASS
CA_7C	50RB+100RB	64QAM	21206+21350	50RB#0+100RB#0	27.55	28.61	PASS
CA_7C	75RB+50RB	QPSK	20825+20945	75RB#0+50RB#0	23.21	24.47	PASS
CA_7C	75RB+50RB	16QAM	20825+20945	75RB#0+50RB#0	23.22	24.47	PASS
CA_7C	75RB+50RB	64QAM	20825+20945	75RB#0+50RB#0	23.1	24.38	PASS
CA_7C	75RB+50RB	QPSK	21051+21171	75RB#0+50RB#0	23.27	24.31	PASS
CA_7C	75RB+50RB	16QAM	21051+21171	75RB#0+50RB#0	23.17	24.41	PASS
CA_7C	75RB+50RB	64QAM	21051+21171	75RB#0+50RB#0	23.15	24.42	PASS
CA_7C	75RB+50RB	QPSK	21277+21397	75RB#0+50RB#0	23.29	24.23	PASS
CA_7C	75RB+50RB	16QAM	21277+21397	75RB#0+50RB#0	23.15	24.41	PASS
CA_7C	75RB+50RB	64QAM	21277+21397	75RB#0+50RB#0	23.14	24.42	PASS
CA_7C	75RB+75RB	QPSK	20825+20975	75RB#0+75RB#0	28.28	29.26	PASS
CA_7C	75RB+75RB	16QAM	20825+20975	75RB#0+75RB#0	28.28	29.27	PASS
CA_7C	75RB+75RB	64QAM	20825+20975	75RB#0+75RB#0	28.25	29.21	PASS
CA_7C	75RB+75RB	QPSK	21025+21175	75RB#0+75RB#0	28.24	29.23	PASS
CA_7C	75RB+75RB	16QAM	21025+21175	75RB#0+75RB#0	28.25	29.24	PASS
CA_7C	75RB+75RB	64QAM	21025+21175	75RB#0+75RB#0	28.24	29.27	PASS
CA_7C	75RB+75RB	QPSK	21225+21375	75RB#0+75RB#0	28.21	29.23	PASS
CA_7C	75RB+75RB	16QAM	21225+21375	75RB#0+75RB#0	28.22	29.23	PASS
CA_7C	75RB+75RB	64QAM	21225+21375	75RB#0+75RB#0	28.21	29.24	PASS
CA_7C	75RB+100RB	QPSK	20828+20999	75RB#0+100RB#0	32.59	33.95	PASS
CA_7C	75RB+100RB	16QAM	20828+20999	75RB#0+100RB#0	32.61	33.95	PASS
CA_7C	75RB+100RB	64QAM	20828+20999	75RB#0+100RB#0	32.57	33.95	PASS
CA_7C	75RB+100RB	QPSK	21003+21174	75RB#0+100RB#0	32.71	33.71	PASS
CA_7C	75RB+100RB	16QAM	21003+21174	75RB#0+100RB#0	32.31	33.89	PASS
CA_7C	75RB+100RB	64QAM	21003+21174	75RB#0+100RB#0	32.33	33.93	PASS
CA_7C	75RB+100RB	QPSK	21179+21350	75RB#0+100RB#0	32.53	33.95	PASS



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CA_7C	75RB+100RB	16QAM	21179+21350	75RB#0+100RB#0	32.53	34.01	PASS
CA_7C	75RB+100RB	64QAM	21179+21350	75RB#0+100RB#0	32.51	33.93	PASS
CA_7C	100RB+50RB	QPSK	20850+20994	100RB#0+50RB#0	27.76	29.14	PASS
CA_7C	100RB+50RB	16QAM	20850+20994	100RB#0+50RB#0	27.77	29.12	PASS
CA_7C	100RB+50RB	64QAM	20850+20994	100RB#0+50RB#0	27.76	29.14	PASS
CA_7C	100RB+50RB	QPSK	21051+21195	100RB#0+50RB#0	27.88	29.05	PASS
CA_7C	100RB+50RB	16QAM	21051+21195	100RB#0+50RB#0	27.76	29.06	PASS
CA_7C	100RB+50RB	64QAM	21051+21195	100RB#0+50RB#0	27.58	29.14	PASS
CA_7C	100RB+50RB	QPSK	21251+21395	100RB#0+50RB#0	27.88	29.00	PASS
CA_7C	100RB+50RB	16QAM	21251+21395	100RB#0+50RB#0	27.58	29.11	PASS
CA_7C	100RB+50RB	64QAM	21251+21395	100RB#0+50RB#0	27.55	29.06	PASS
CA_7C	100RB+75RB	QPSK	20850+21021	100RB#0+75RB#0	32.65	34.01	PASS
CA_7C	100RB+75RB	16QAM	20850+21021	100RB#0+75RB#0	32.65	33.99	PASS
CA_7C	100RB+75RB	64QAM	20850+21021	100RB#0+75RB#0	32.61	34.01	PASS
CA_7C	100RB+75RB	QPSK	21026+21197	100RB#0+75RB#0	32.77	33.95	PASS
CA_7C	100RB+75RB	16QAM	21026+21197	100RB#0+75RB#0	32.63	34.05	PASS
CA_7C	100RB+75RB	64QAM	21026+21197	100RB#0+75RB#0	32.61	34.03	PASS
CA_7C	100RB+75RB	QPSK	21201+21372	100RB#0+75RB#0	32.67	33.95	PASS
CA_7C	100RB+75RB	16QAM	21201+21372	100RB#0+75RB#0	32.61	34.05	PASS
CA_7C	100RB+75RB	64QAM	21201+21372	100RB#0+75RB#0	32.61	34.03	PASS
CA_7C	100RB+100RB	QPSK	20850+21048	100RB#0+100RB#0	37.47	38.99	PASS
CA_7C	100RB+100RB	16QAM	20850+21048	100RB#0+100RB#0	37.47	38.91	PASS
CA_7C	100RB+100RB	64QAM	20850+21048	100RB#0+100RB#0	37.43	38.91	PASS
CA_7C	100RB+100RB	QPSK	21001+21199	100RB#0+100RB#0	37.67	38.81	PASS
CA_7C	100RB+100RB	16QAM	21001+21199	100RB#0+100RB#0	37.49	38.93	PASS
CA_7C	100RB+100RB	64QAM	21001+21199	100RB#0+100RB#0	37.47	38.91	PASS
CA_7C	100RB+100RB	QPSK	21152+21350	100RB#0+100RB#0	37.53	38.65	PASS
CA_7C	100RB+100RB	16QAM	21152+21350	100RB#0+100RB#0	37.51	38.95	PASS
CA_7C	100RB+100RB	64QAM	21152+21350	100RB#0+100RB#0	37.17	38.93	PASS



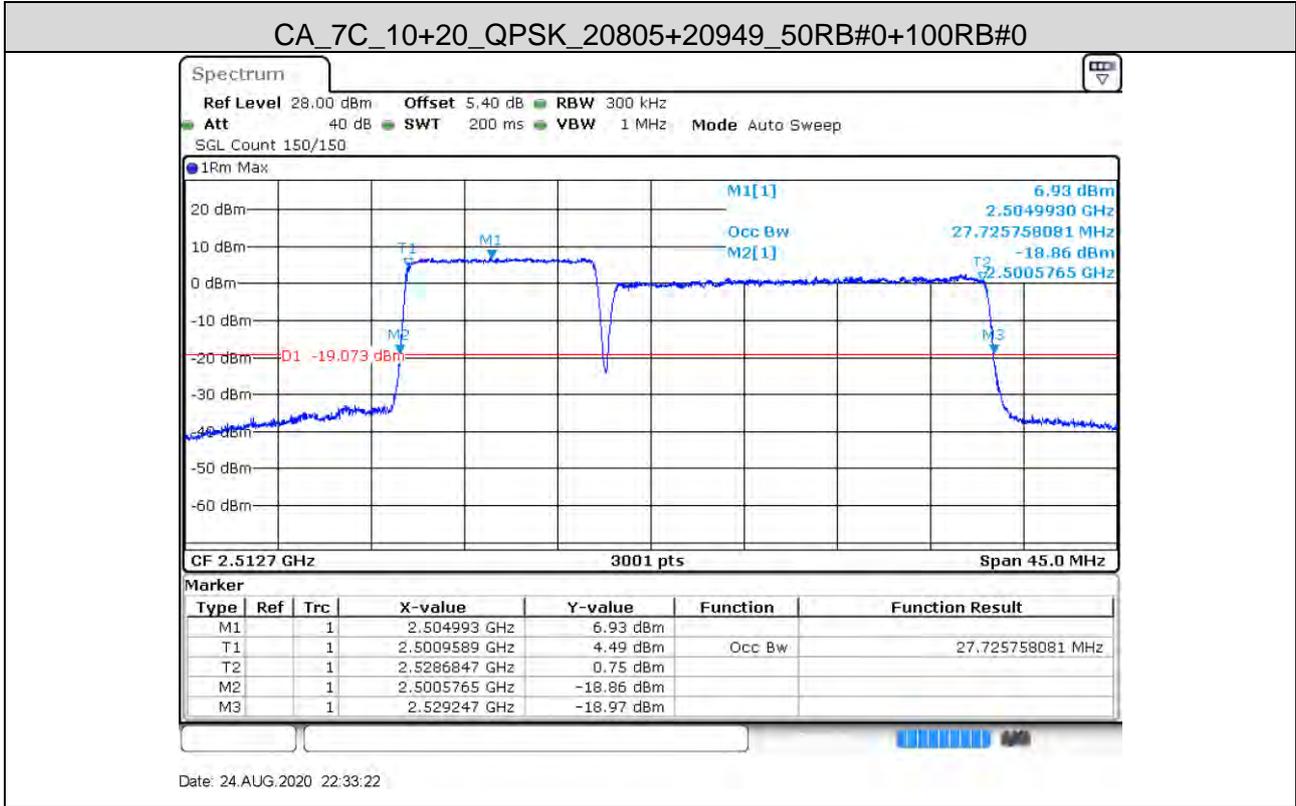
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4.1 For LTE

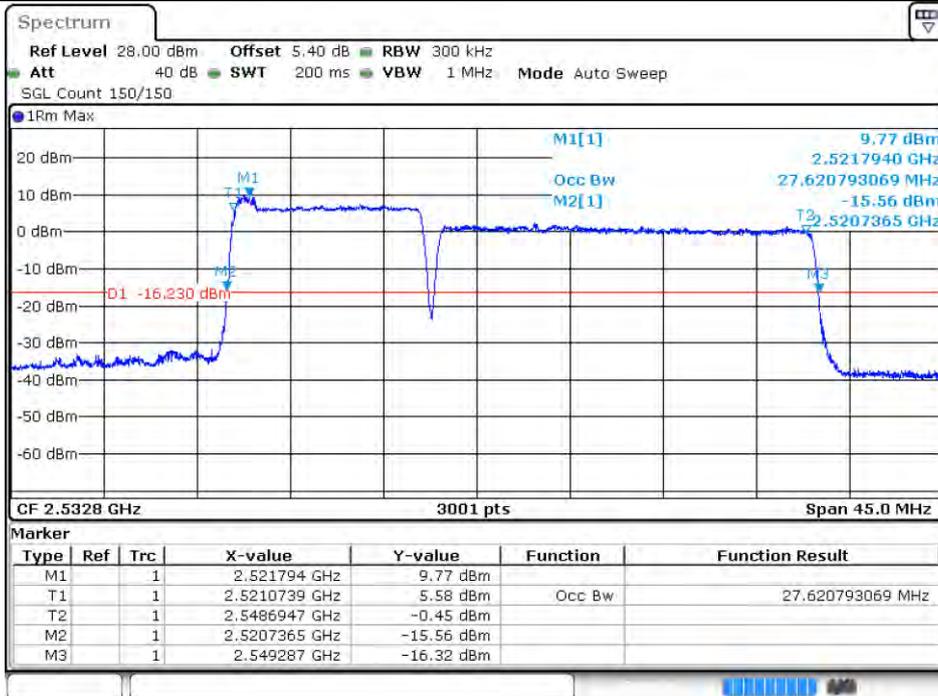
4.1.1 Test Band = LTE Band CA_7C



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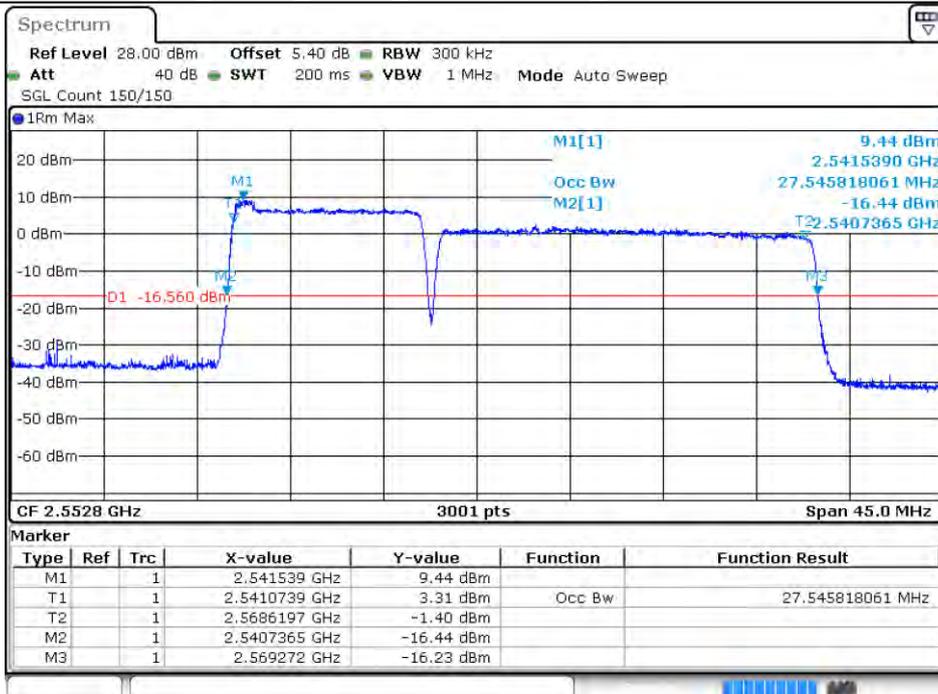
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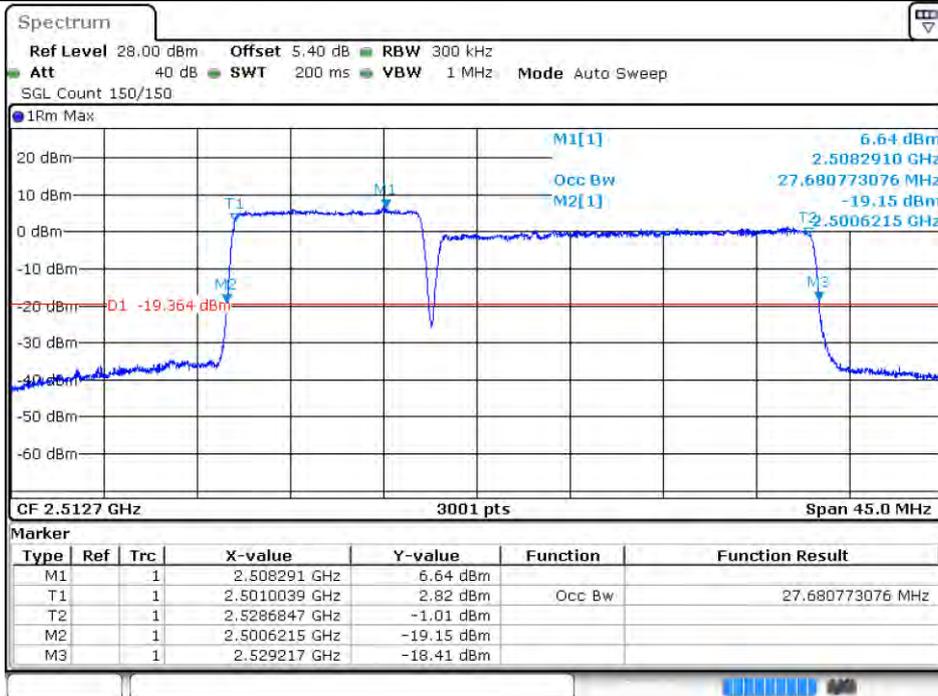
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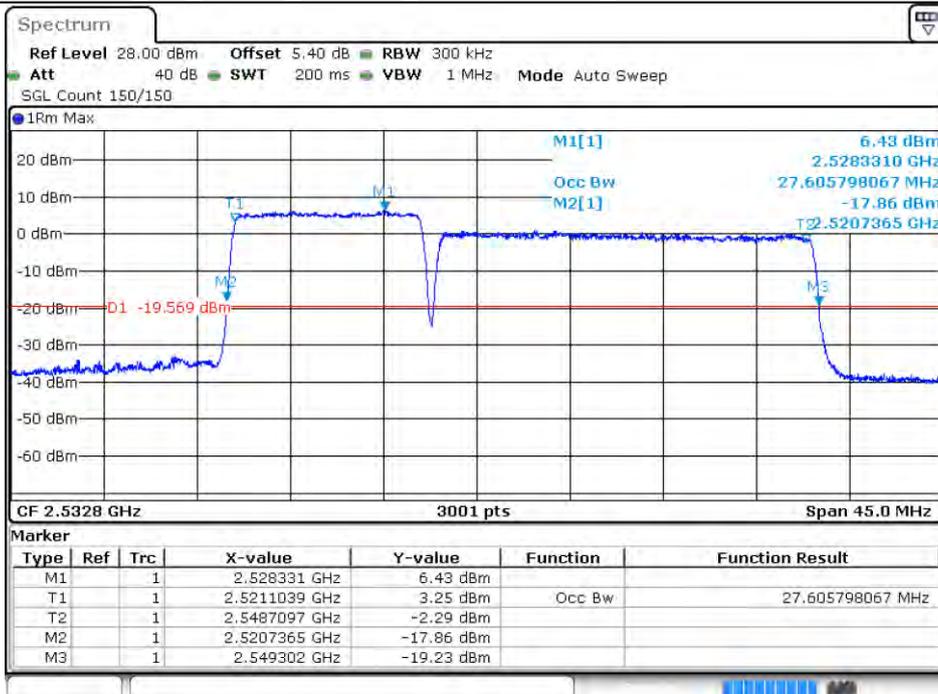


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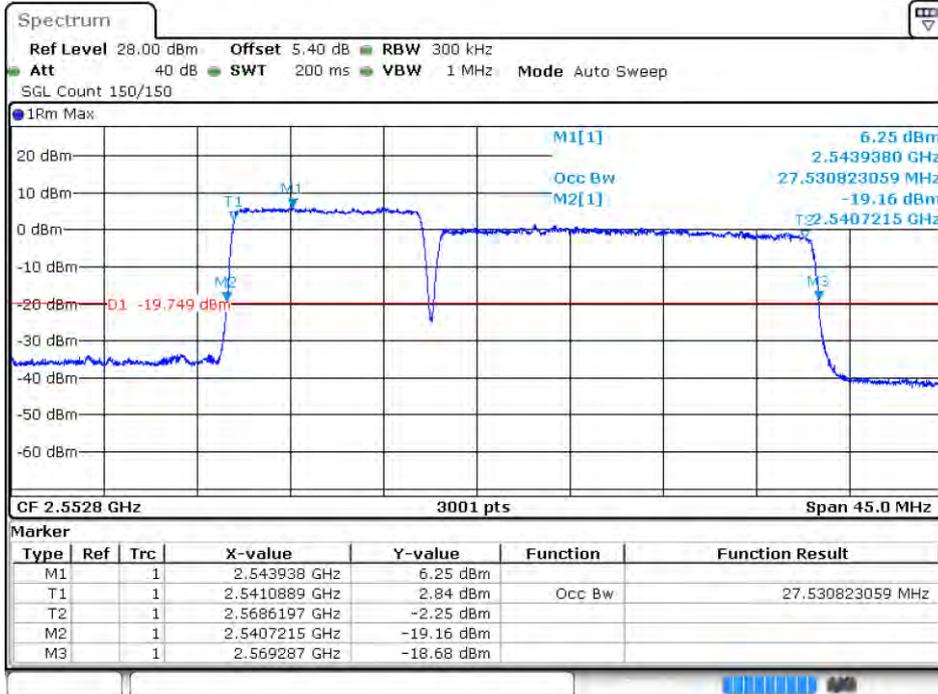
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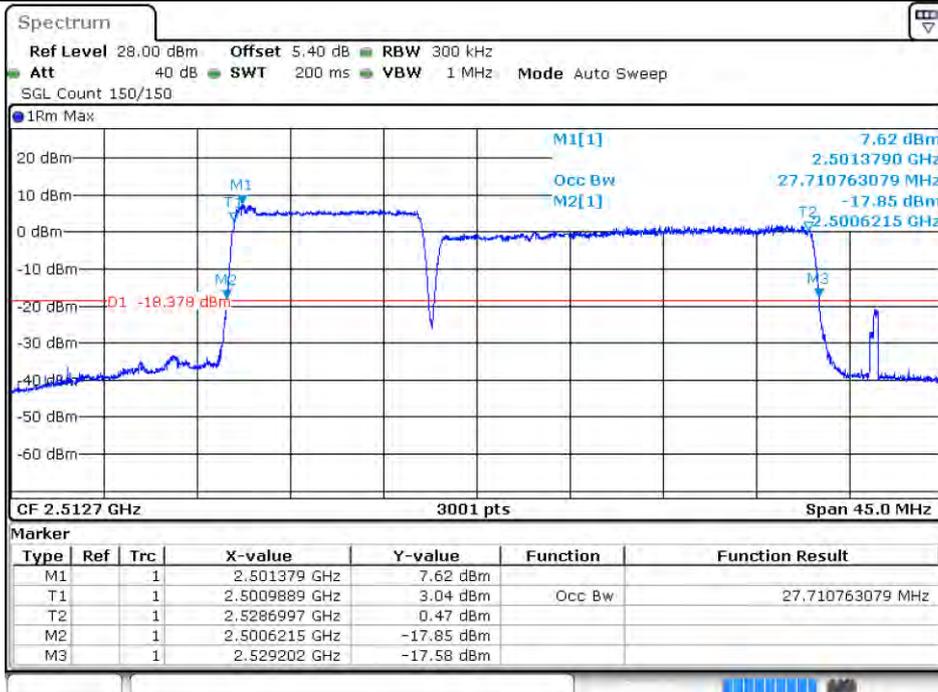


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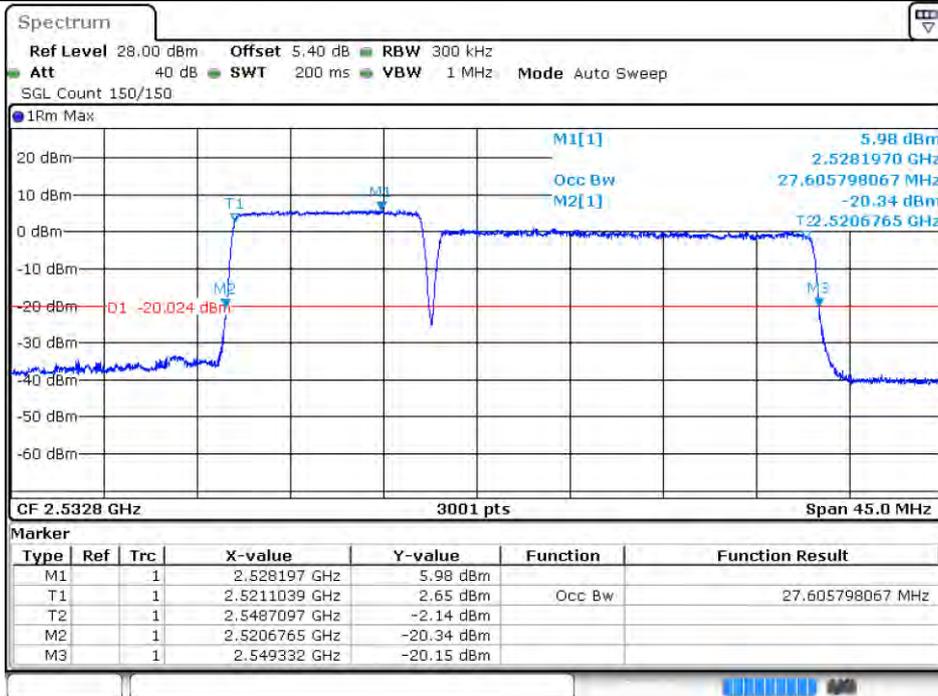
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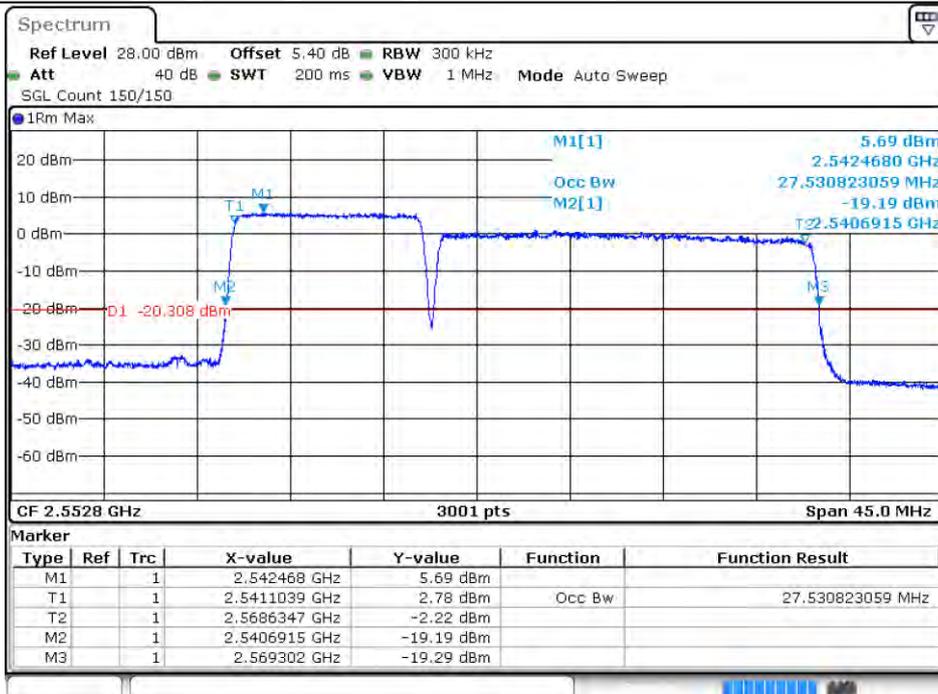


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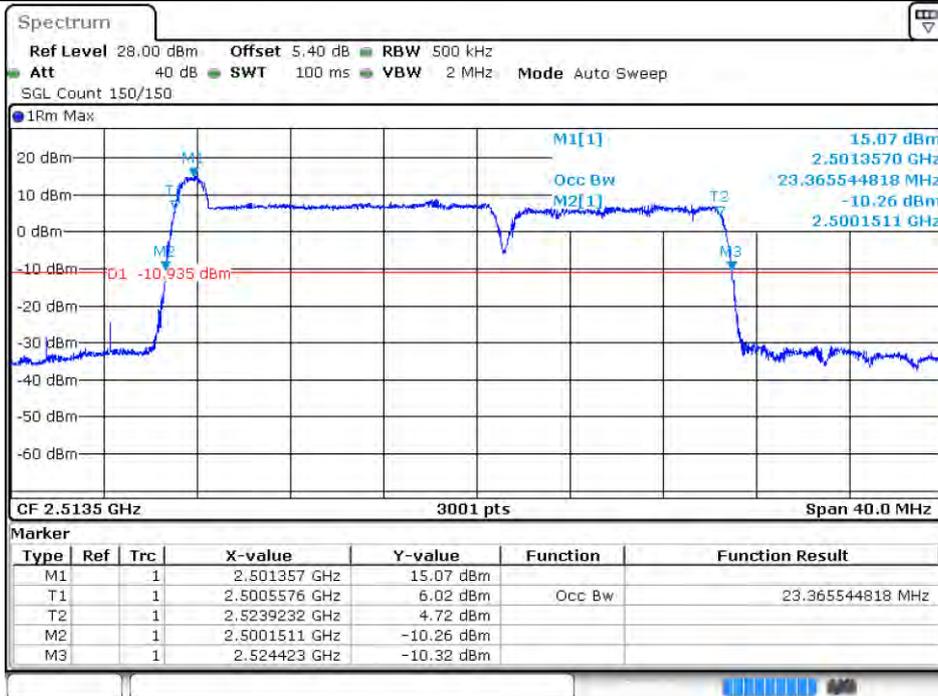
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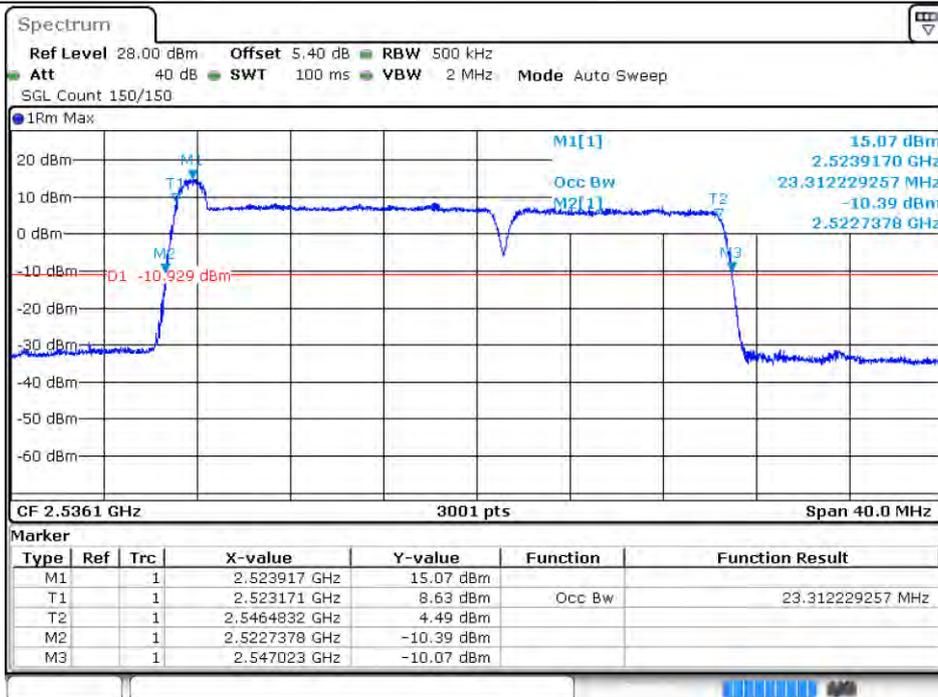


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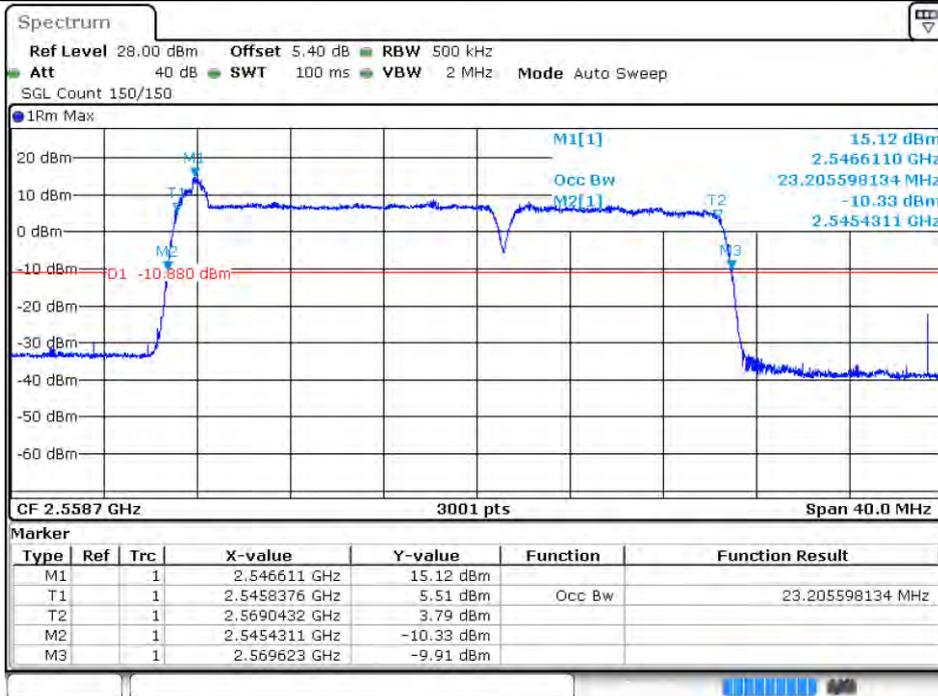
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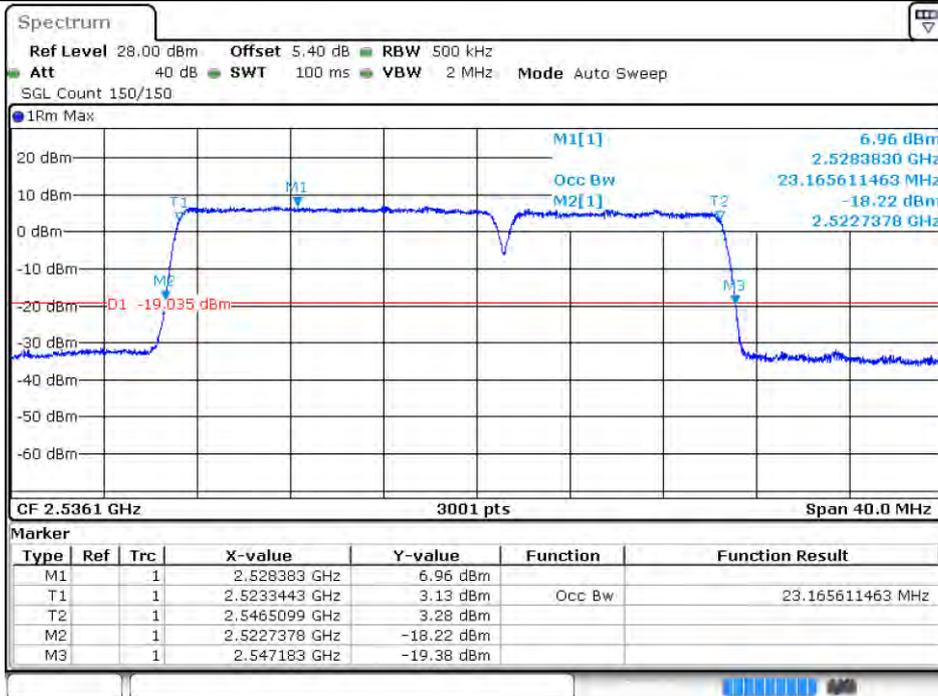
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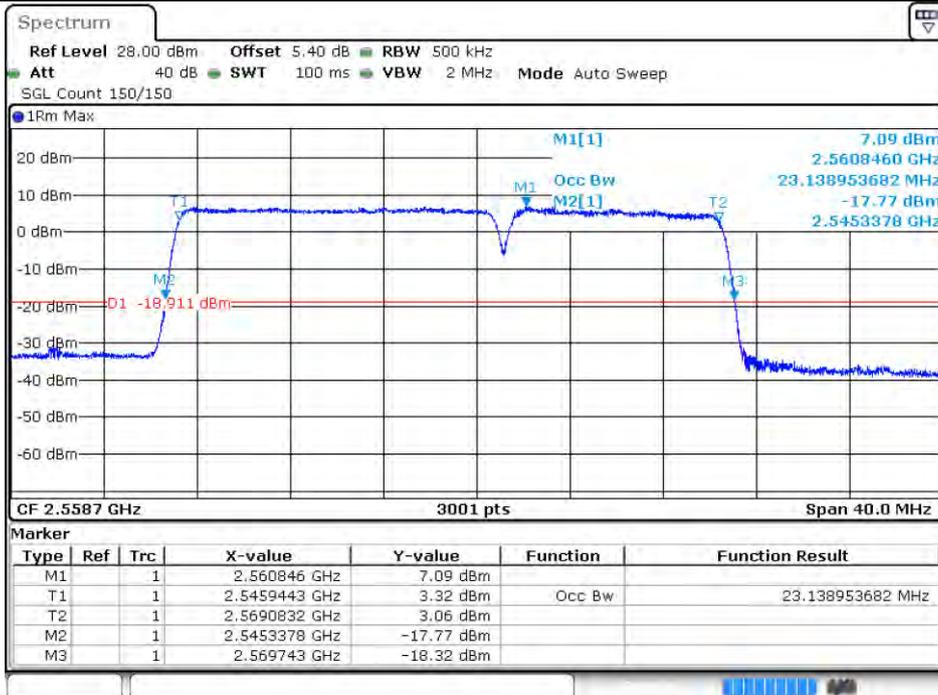


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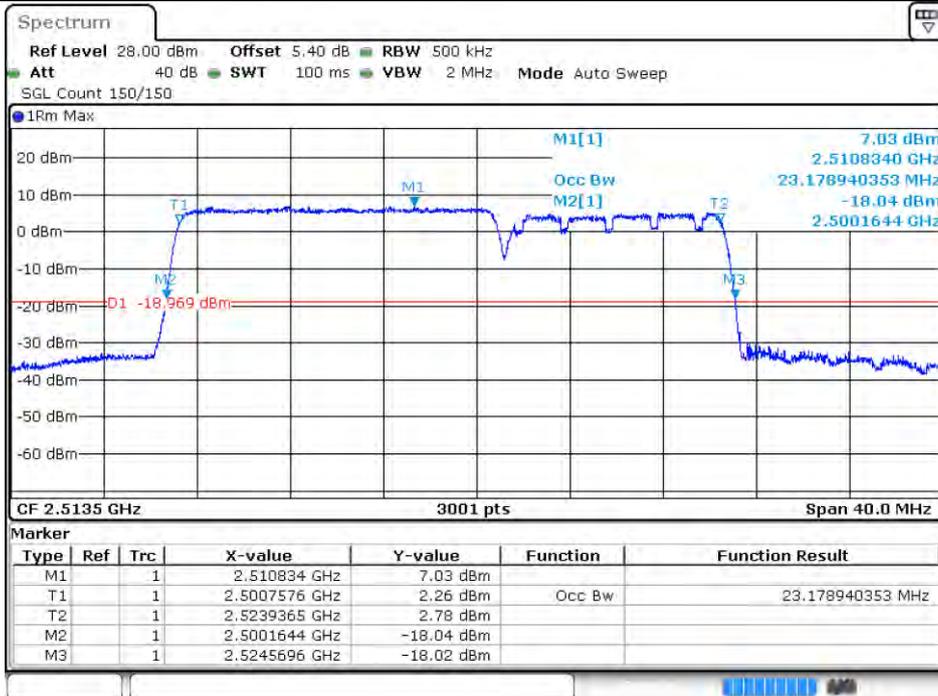
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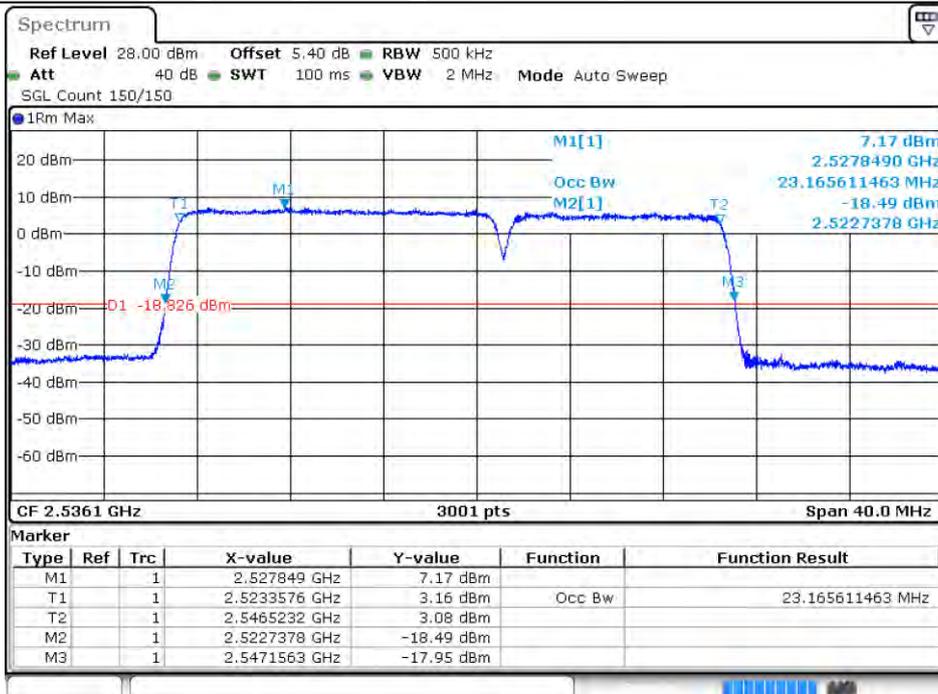


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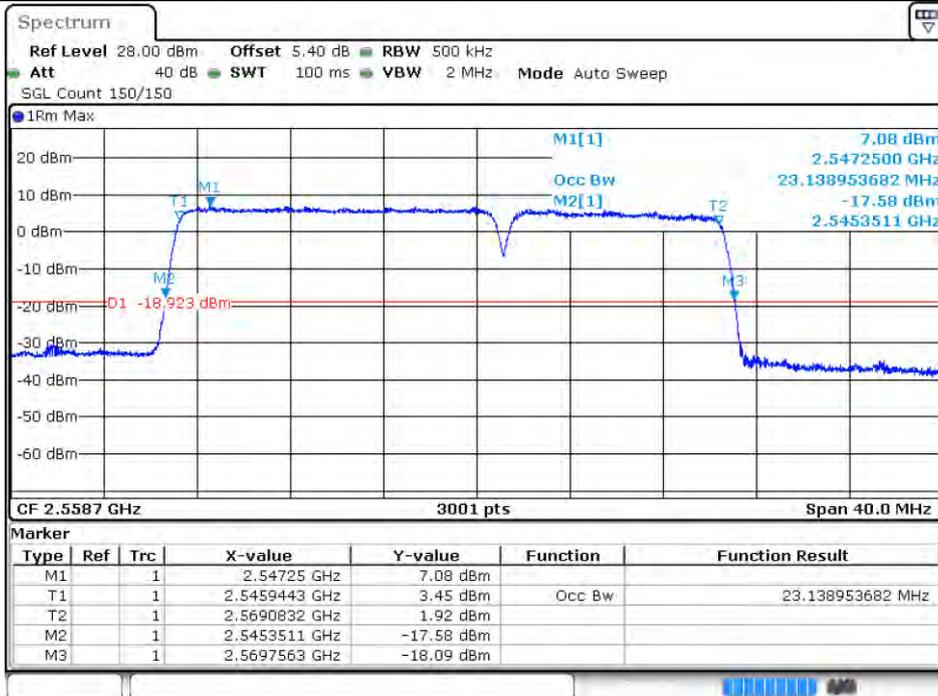
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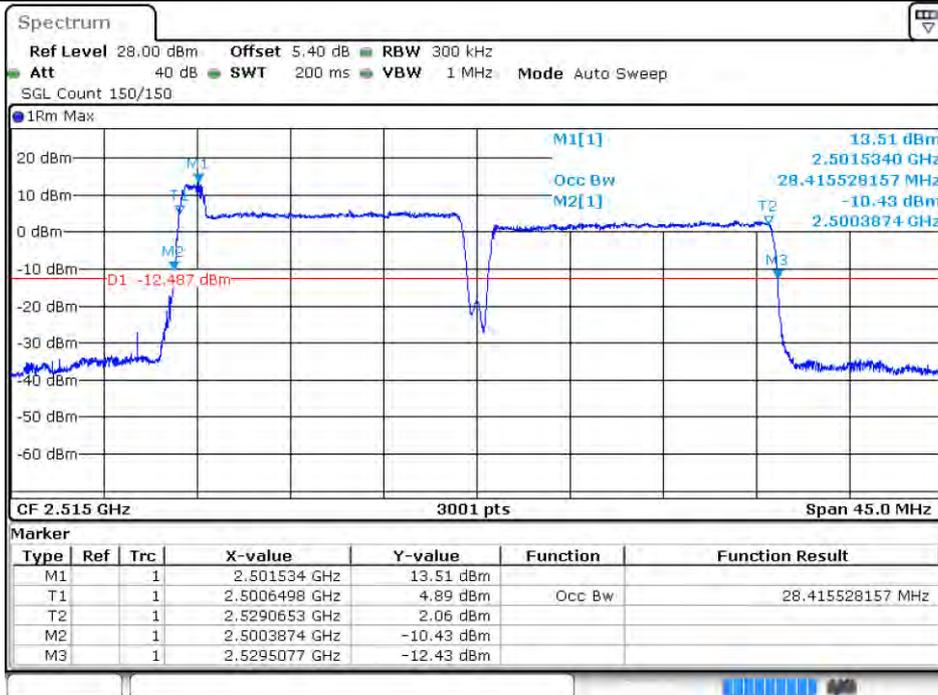


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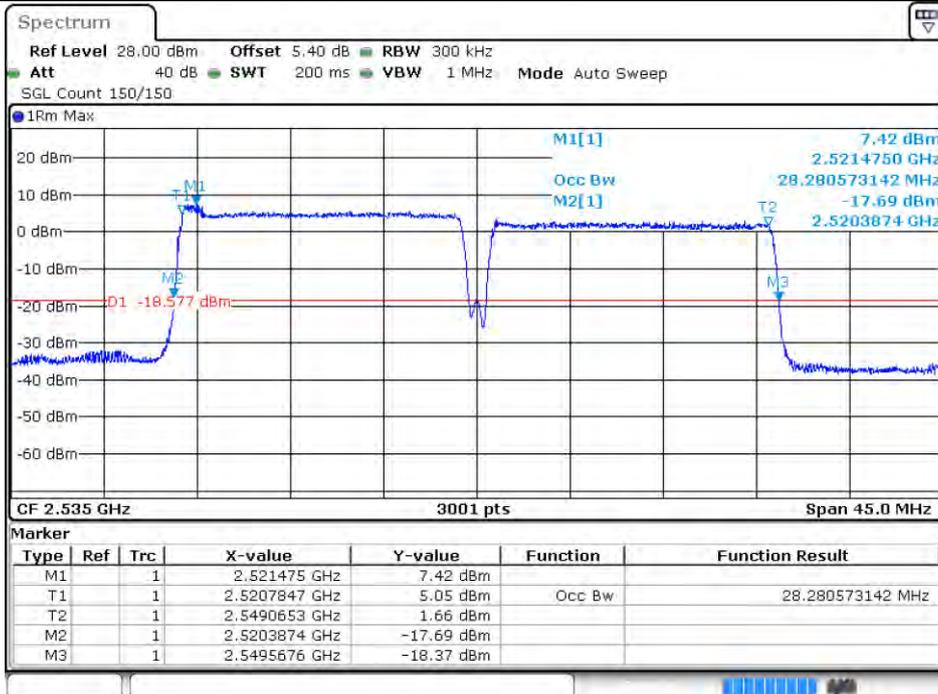
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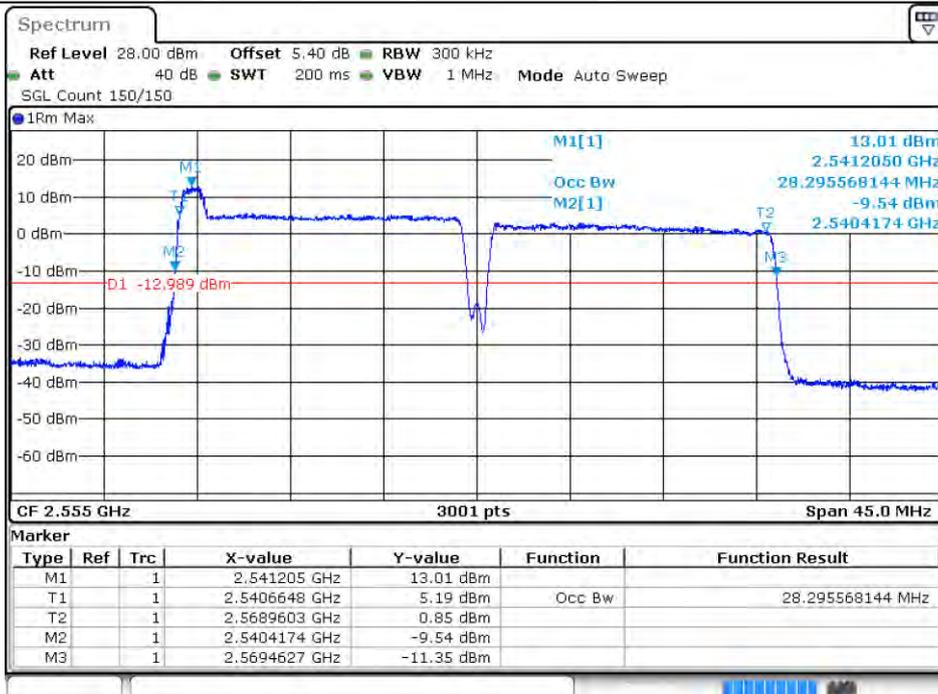


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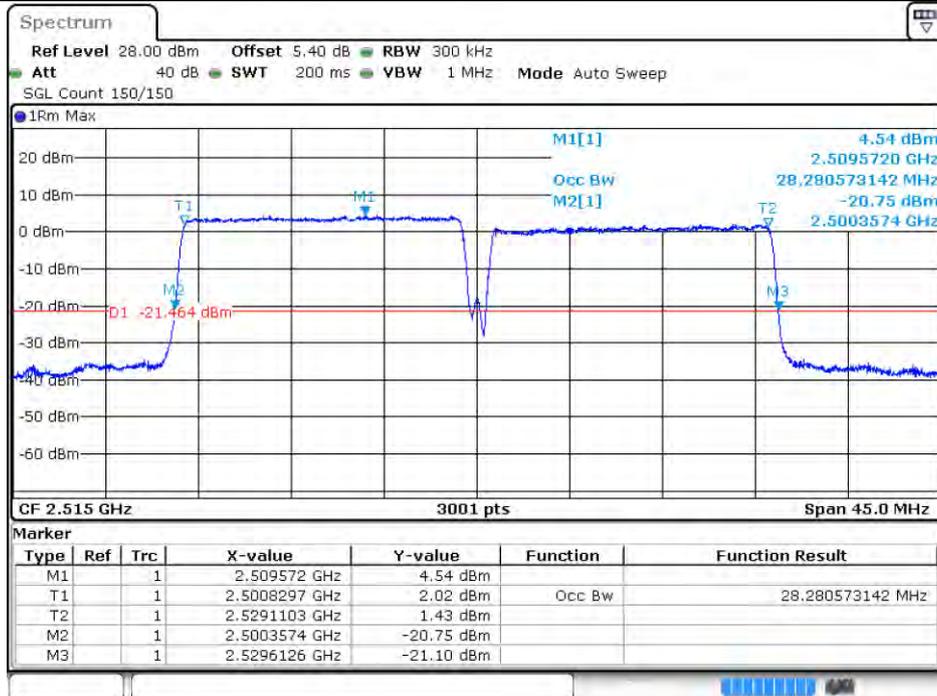
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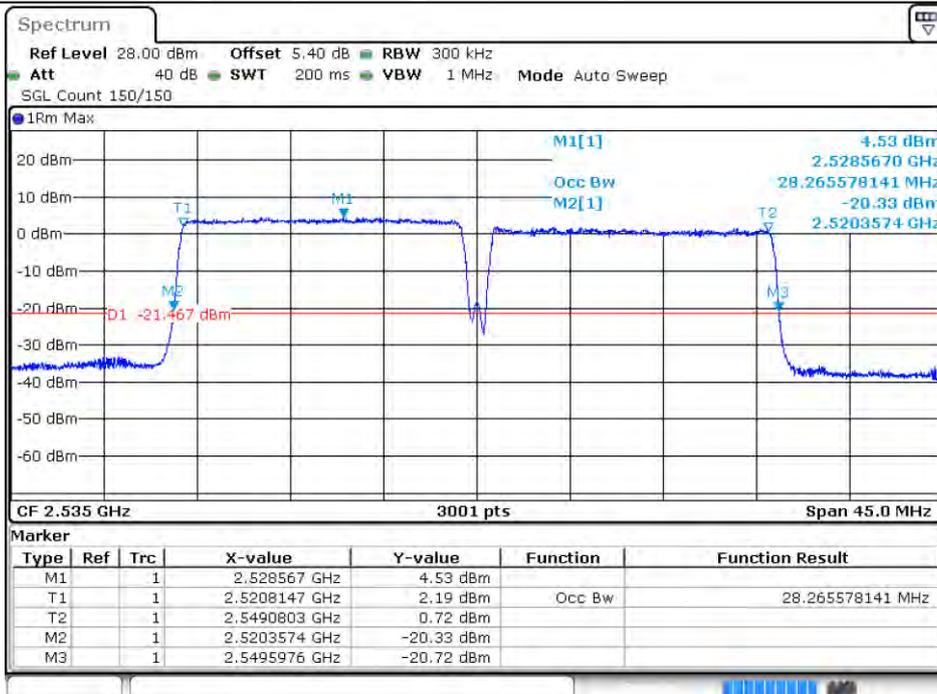


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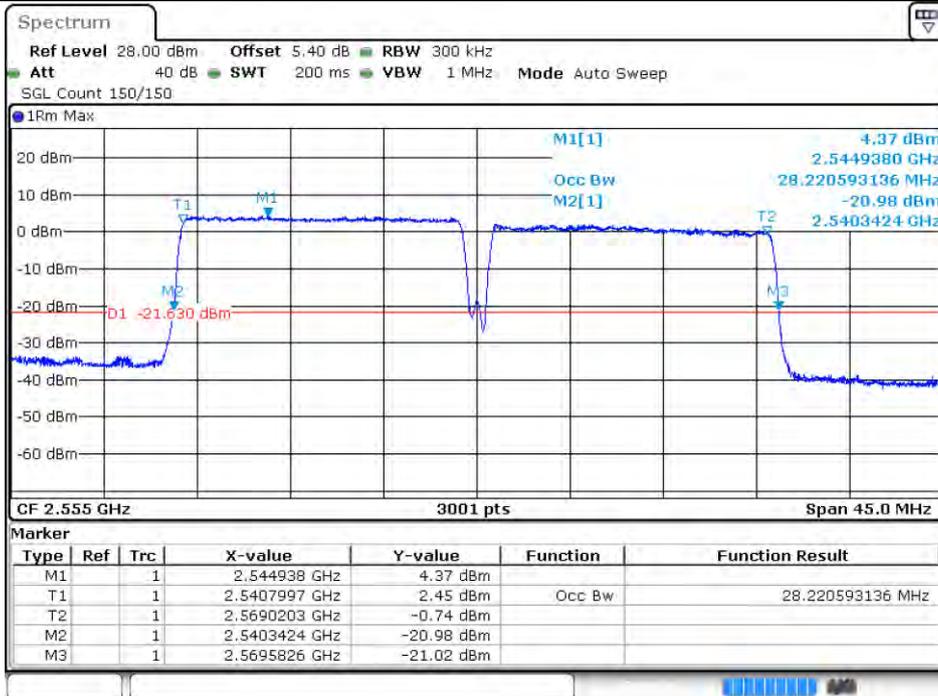
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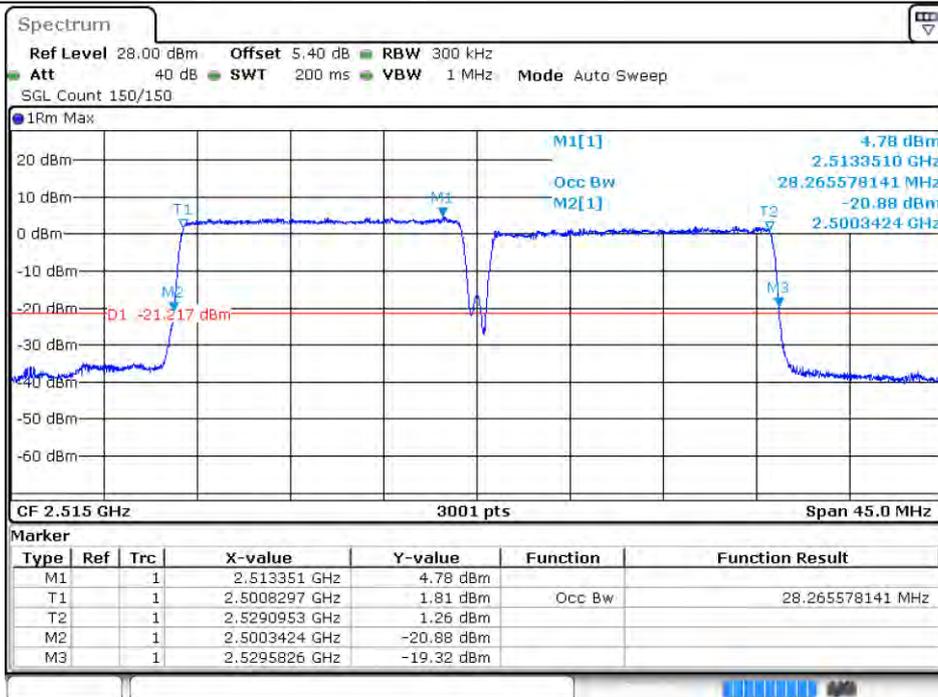


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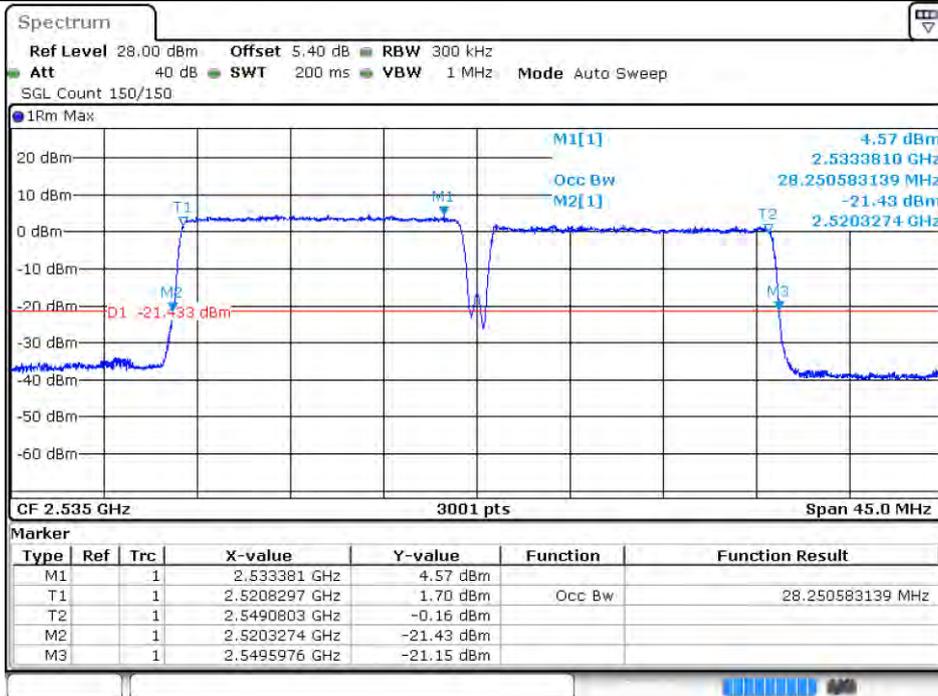
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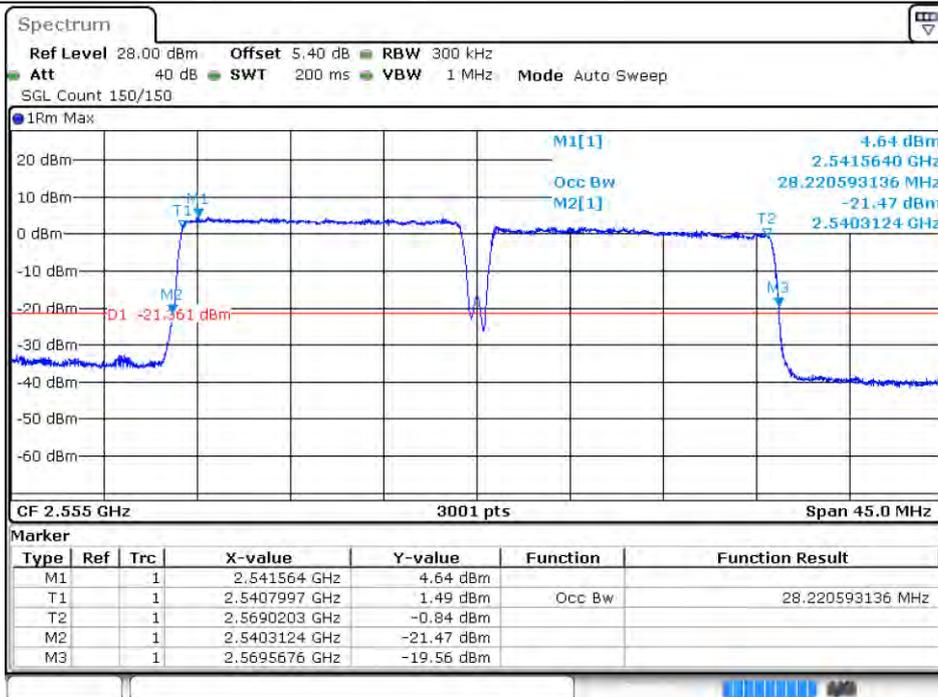


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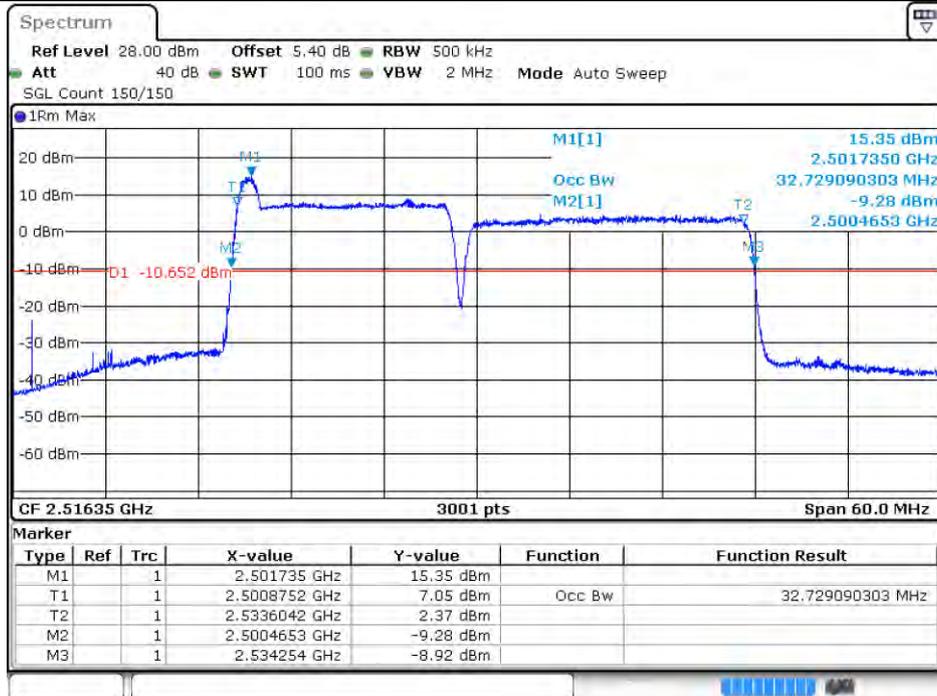
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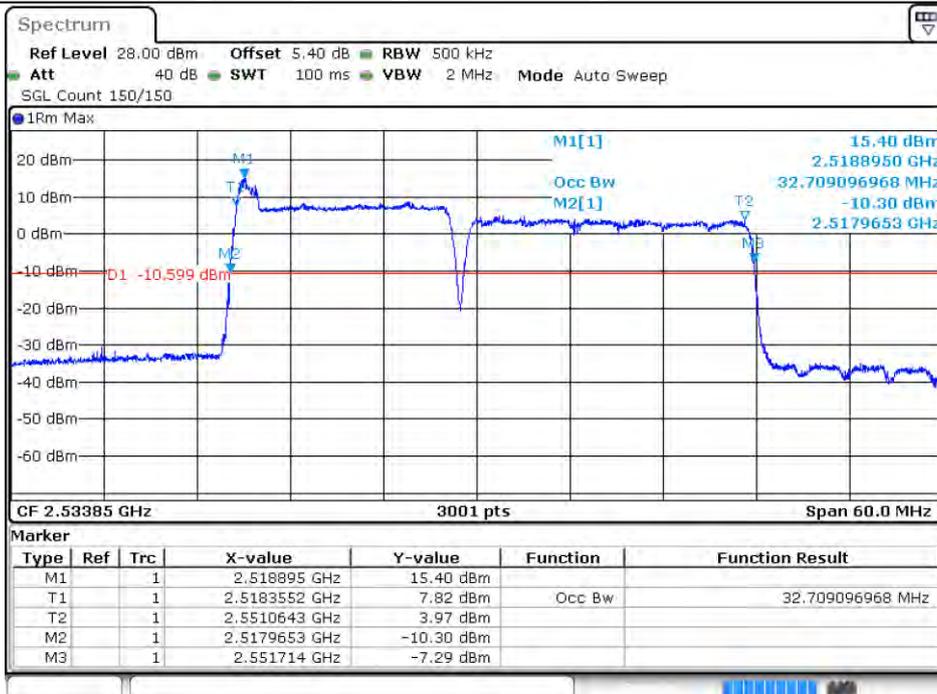


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Date: 24.AUG.2020 22:56:05

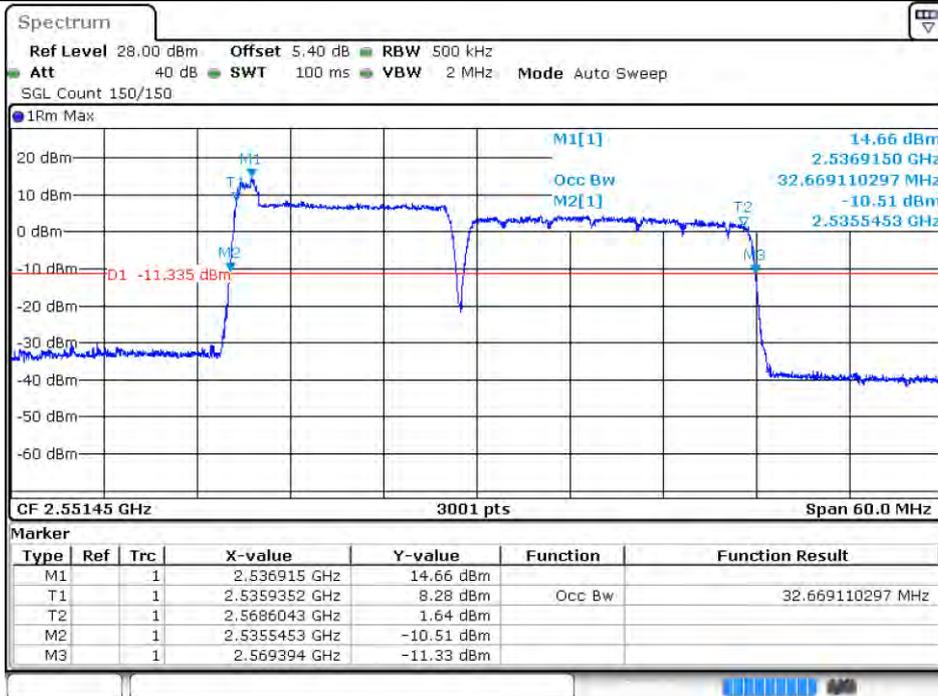
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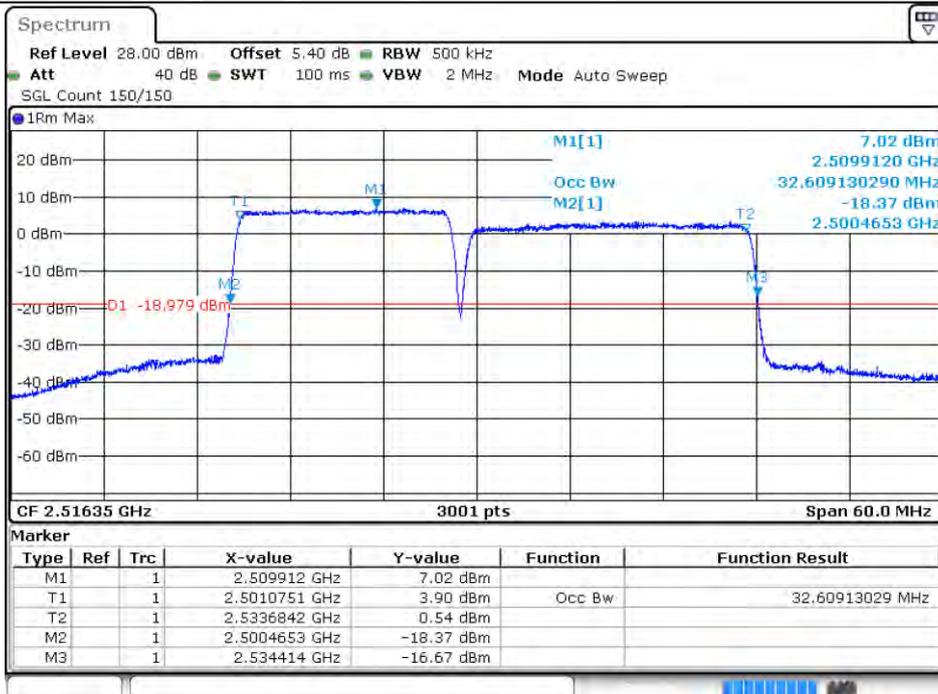


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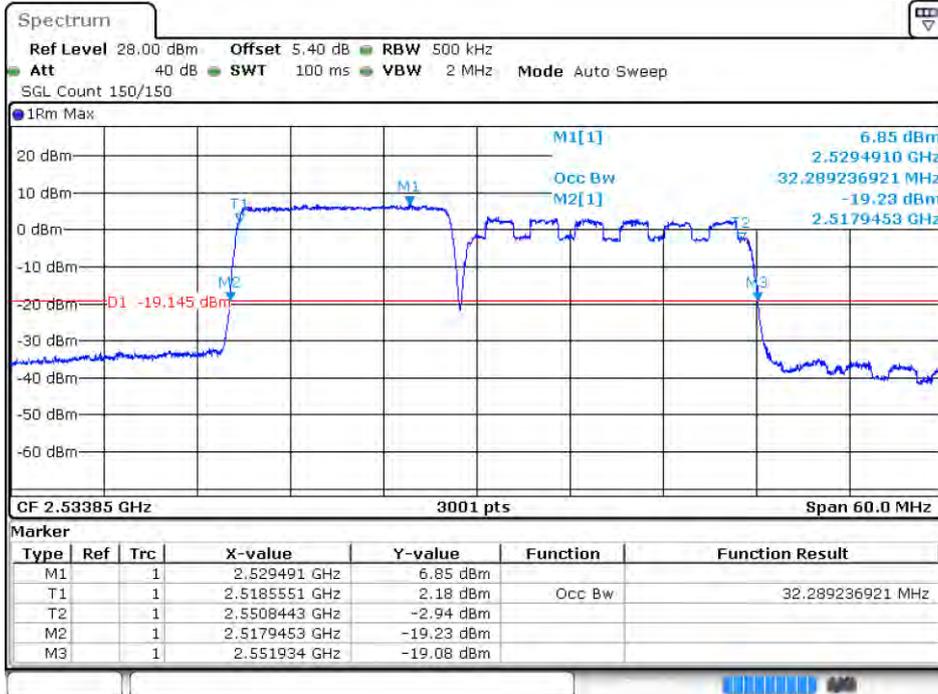
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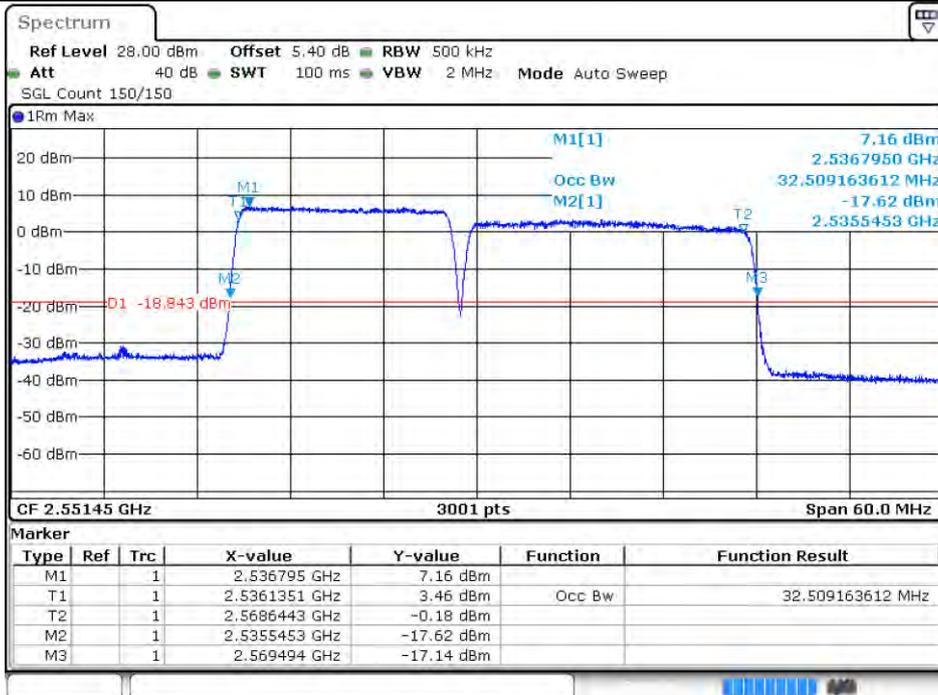


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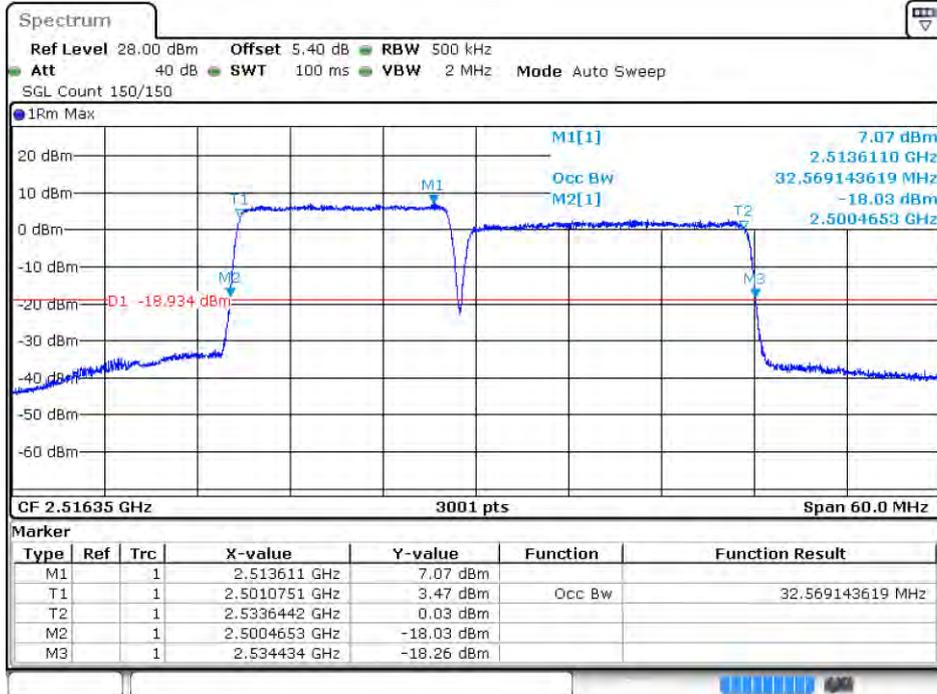
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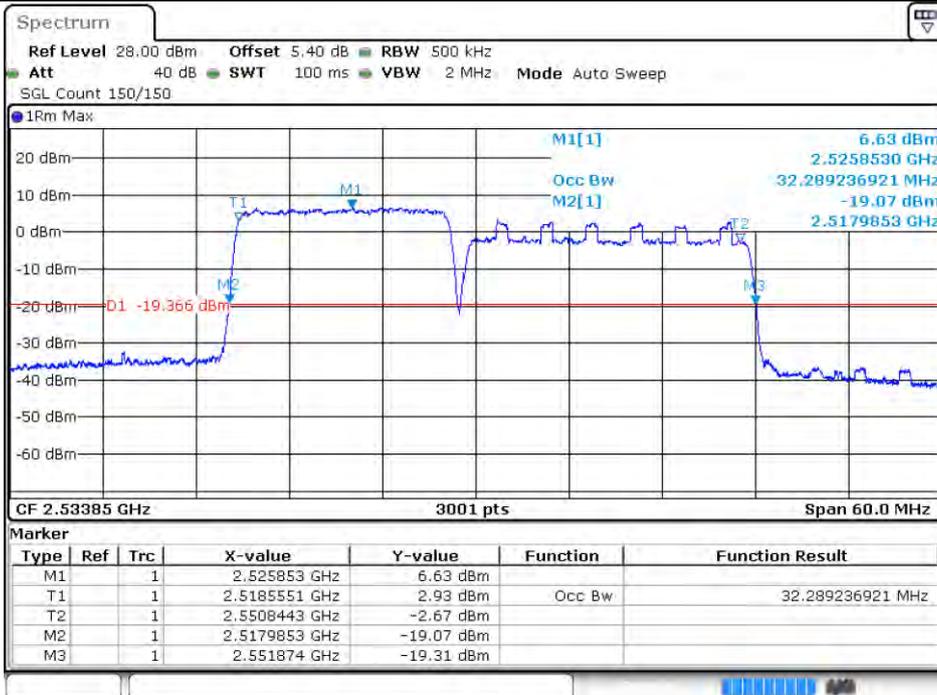


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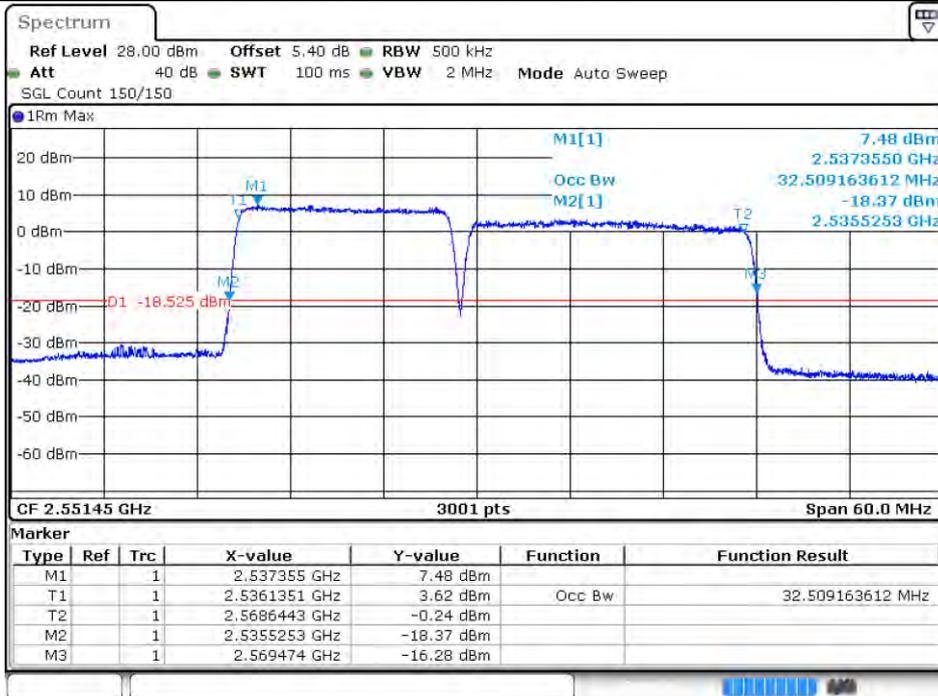
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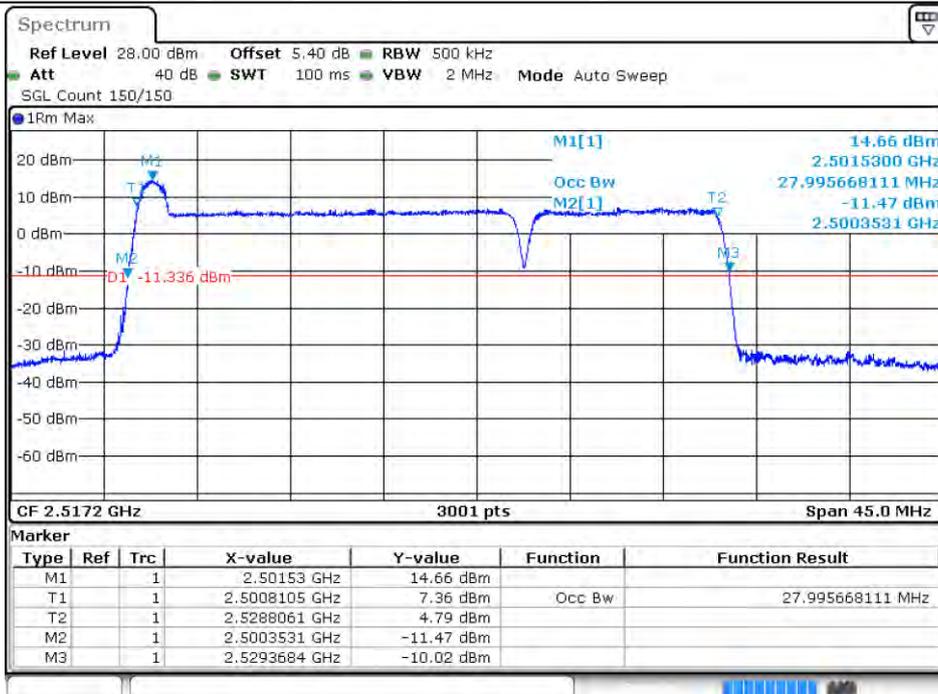


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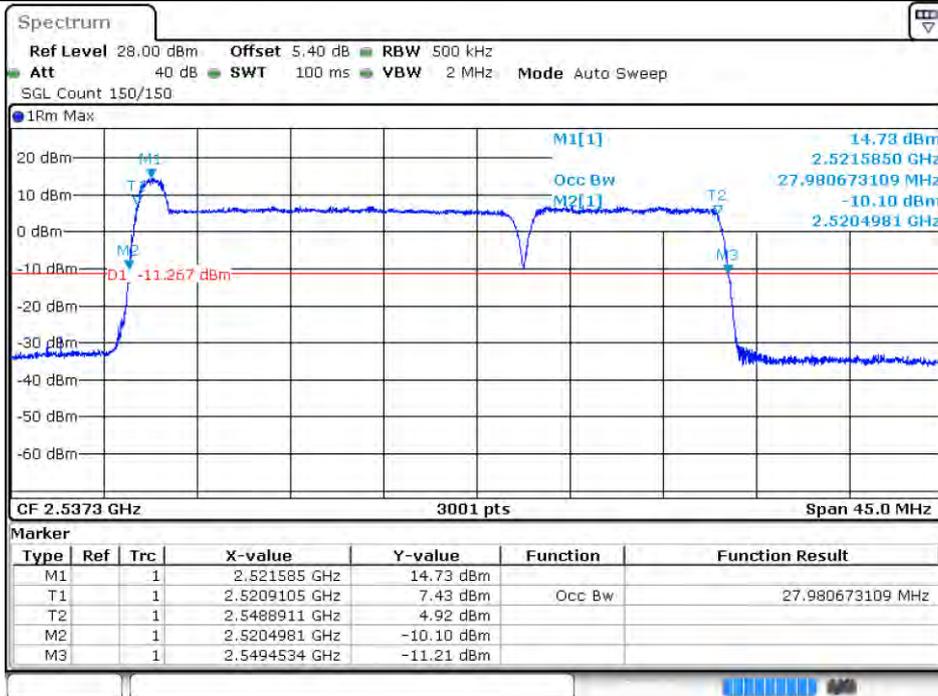
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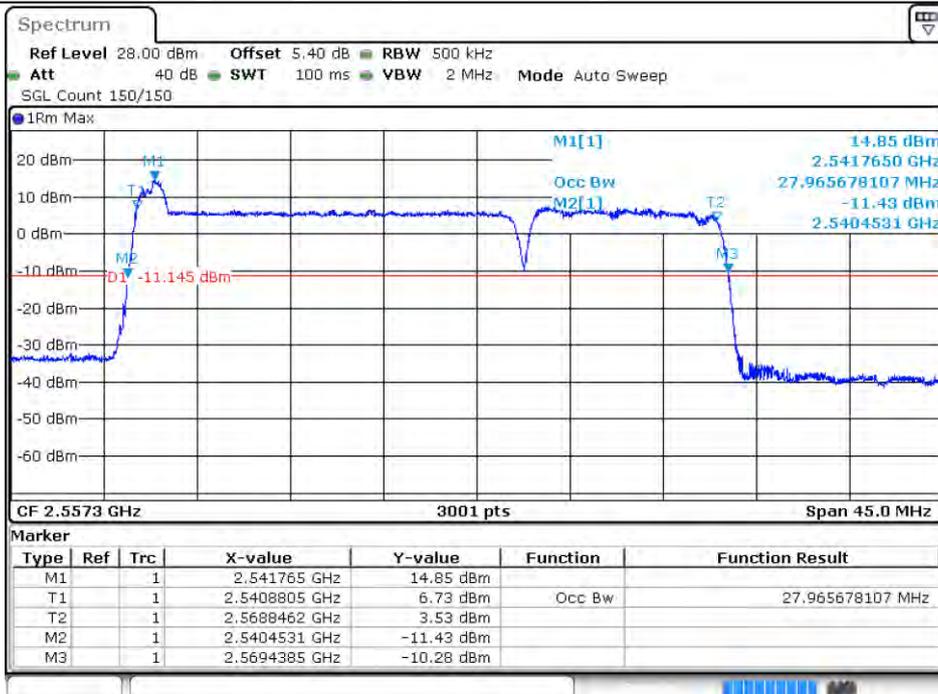


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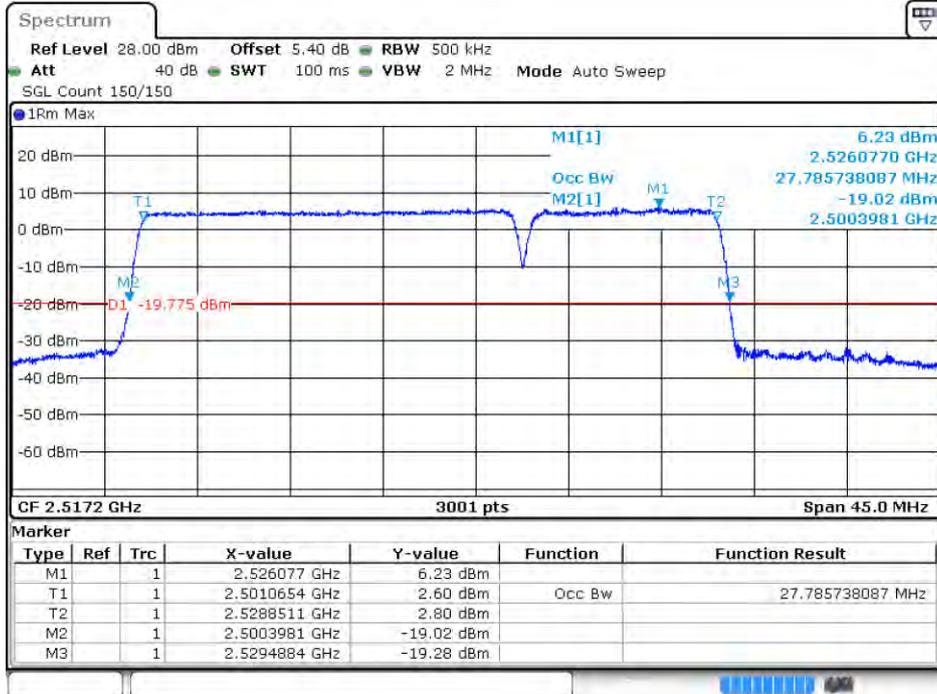
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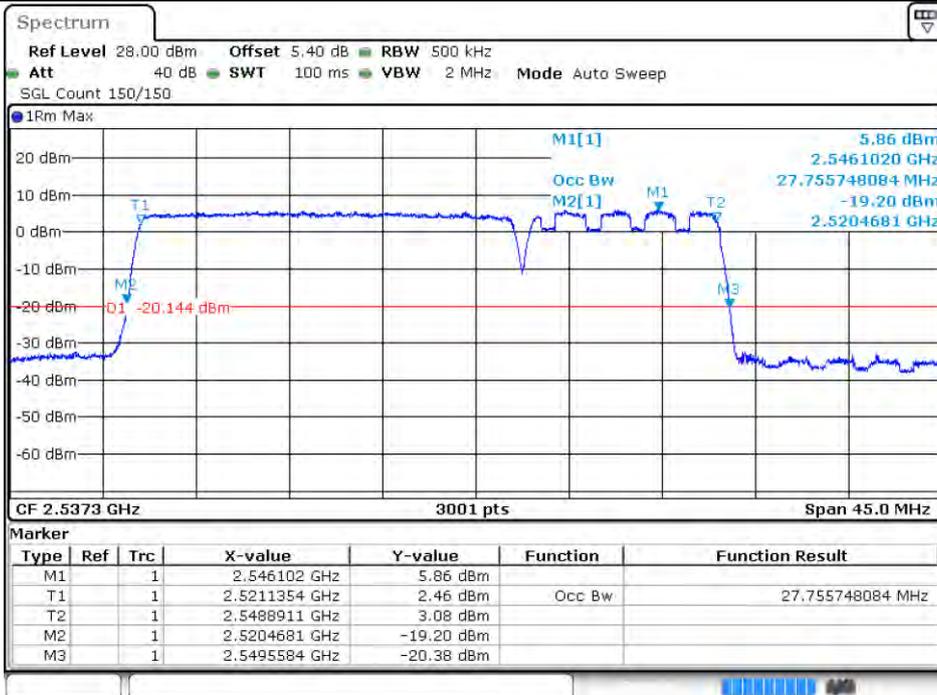


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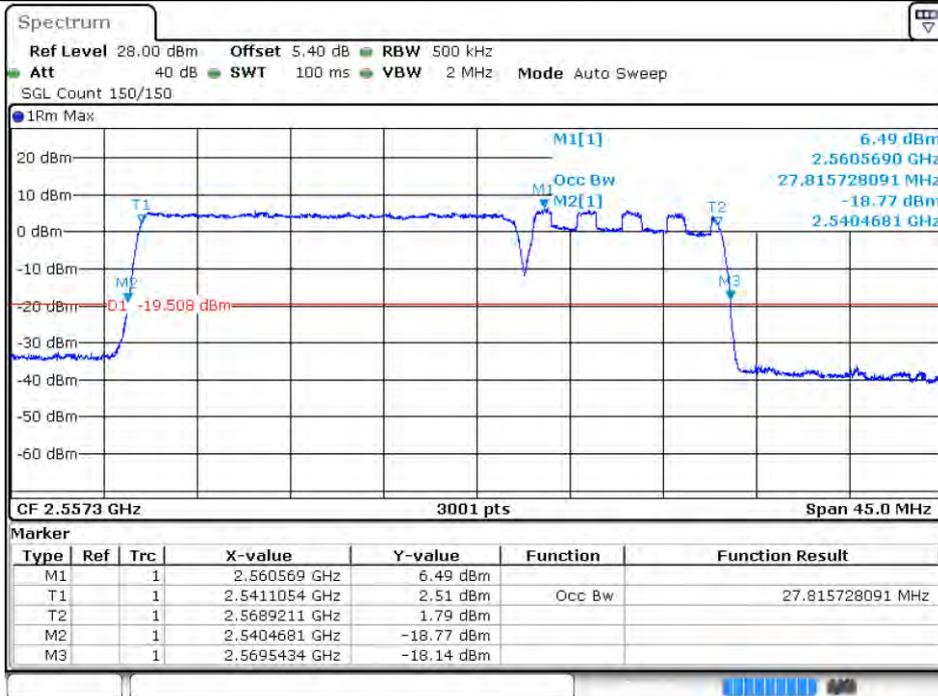
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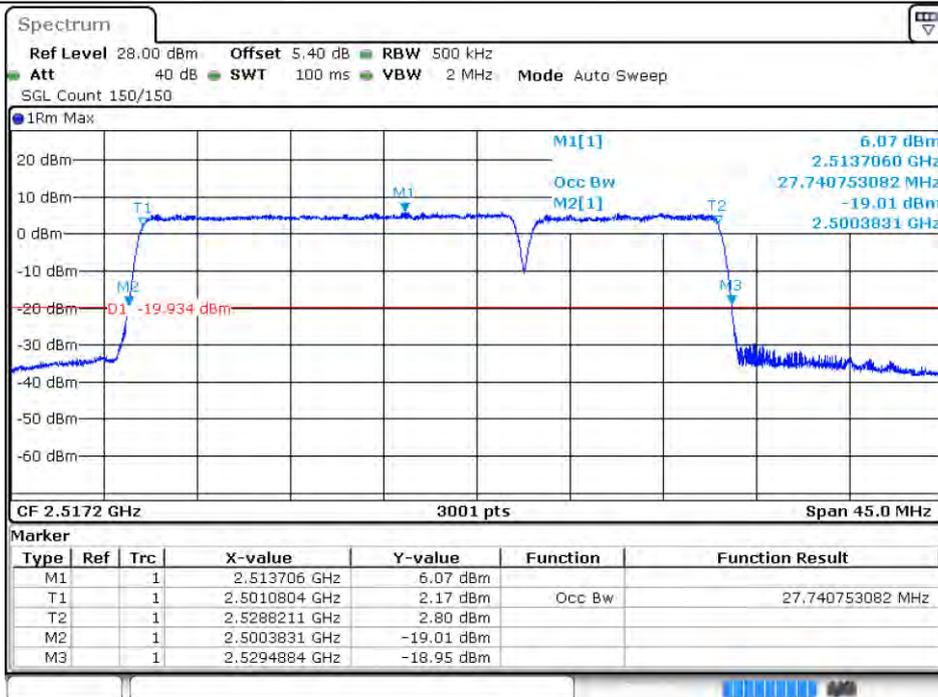


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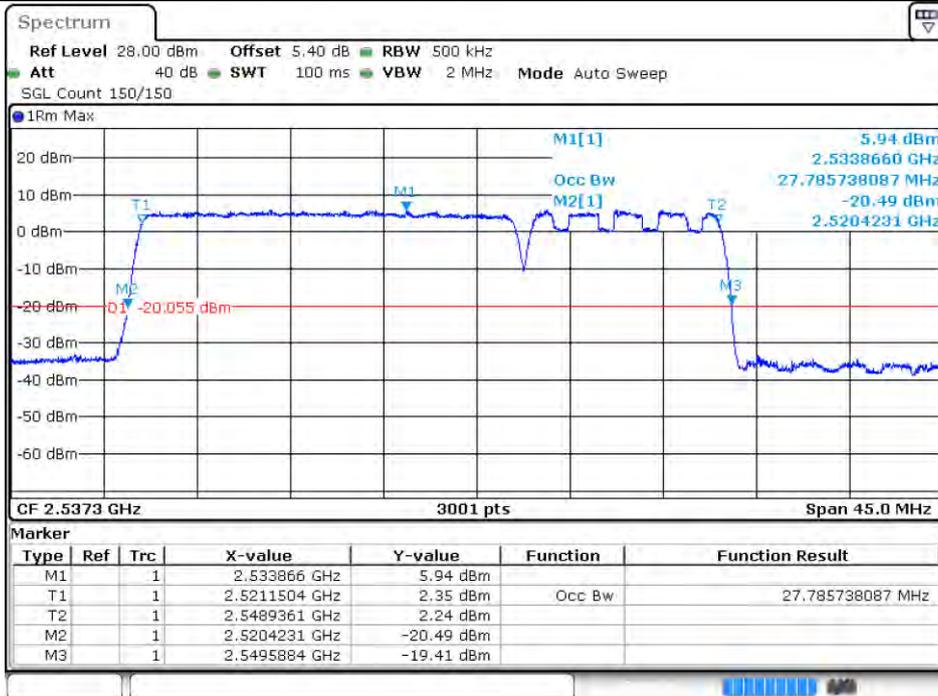
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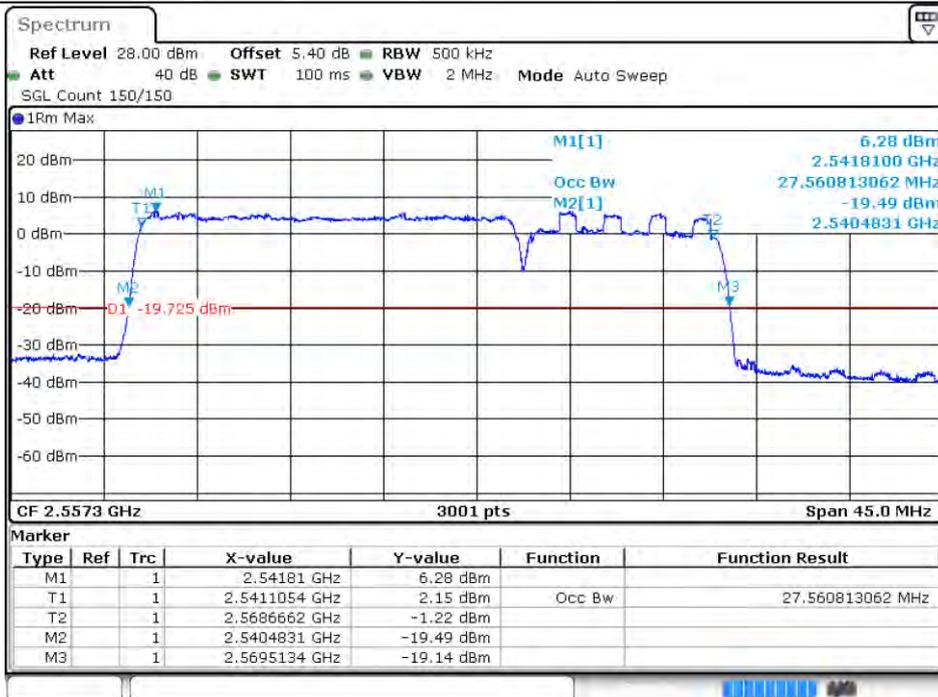


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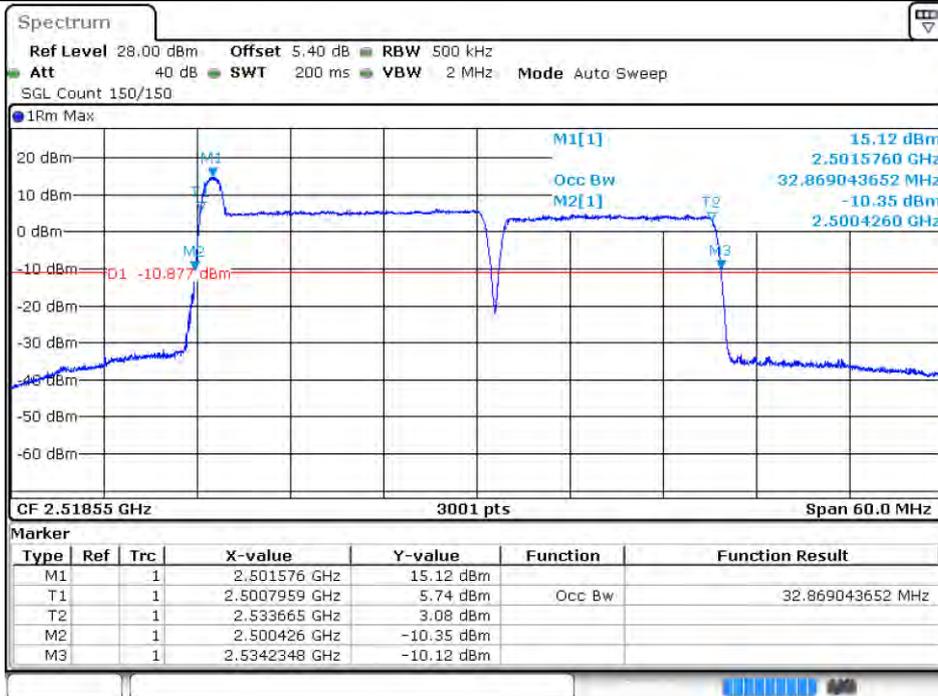
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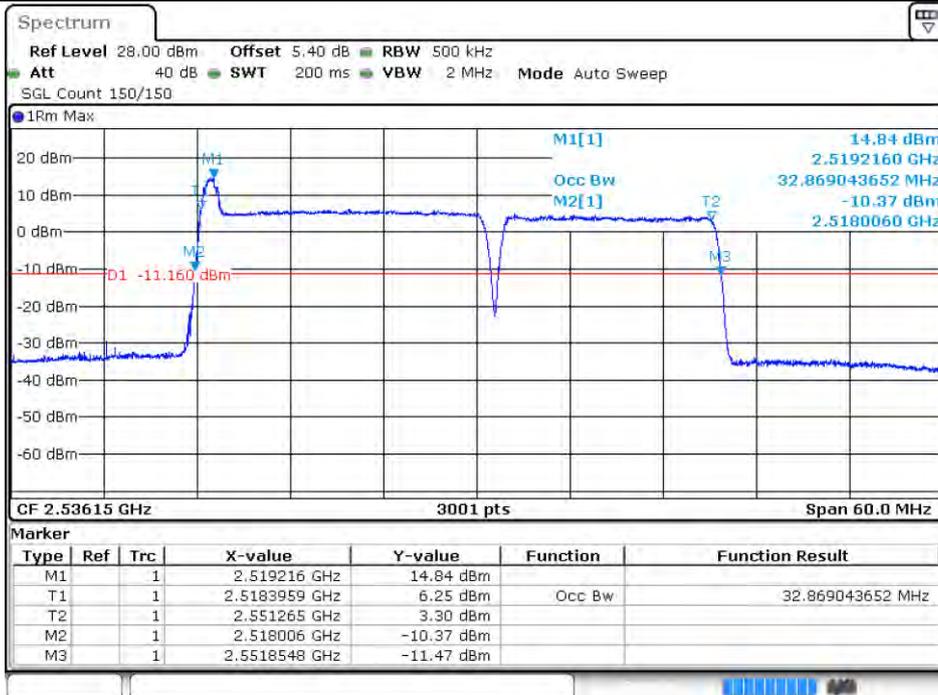


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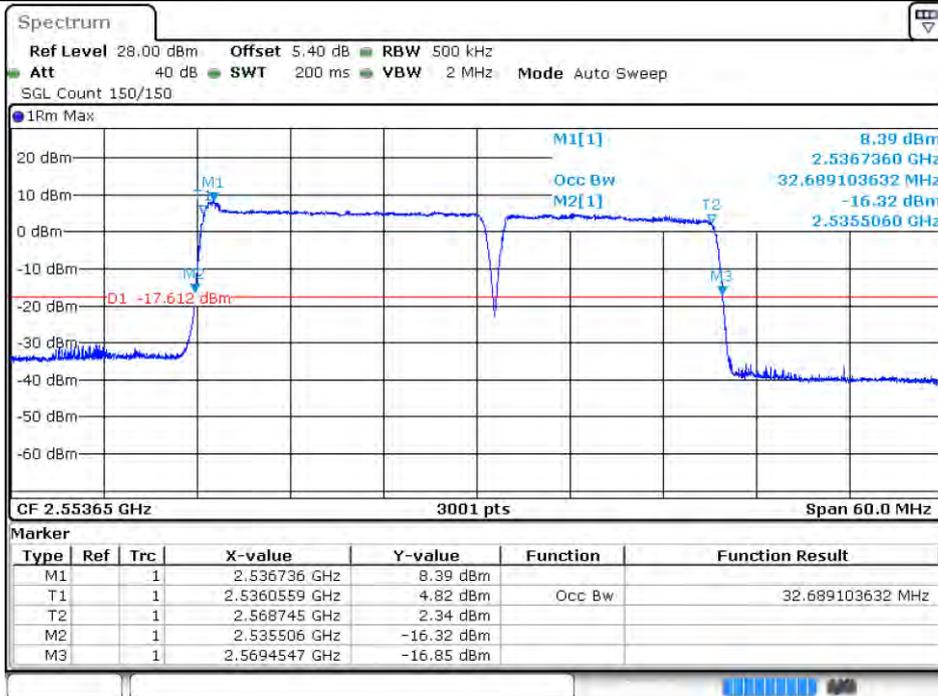
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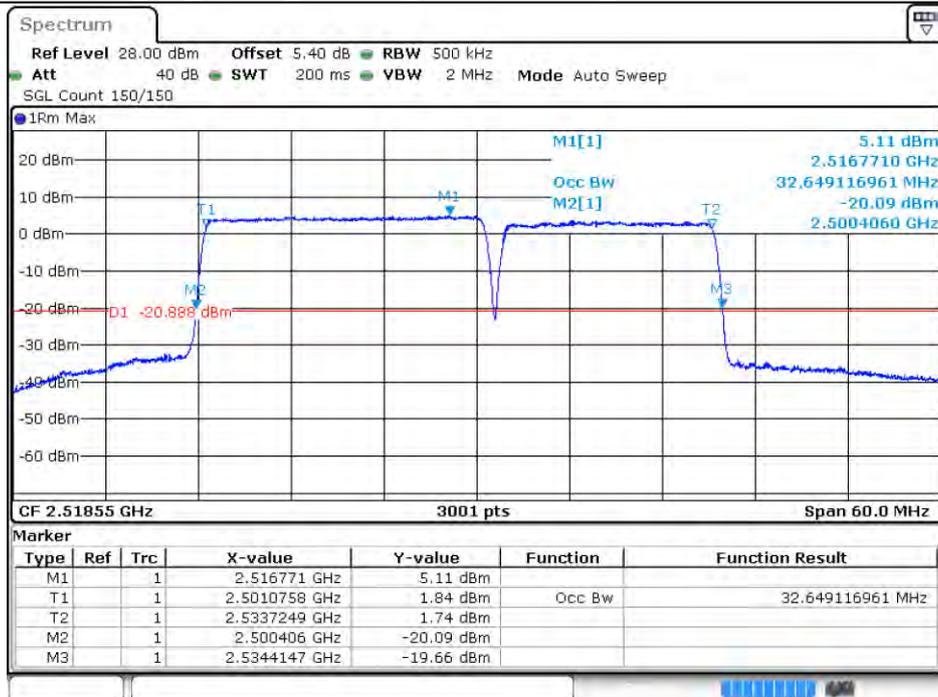


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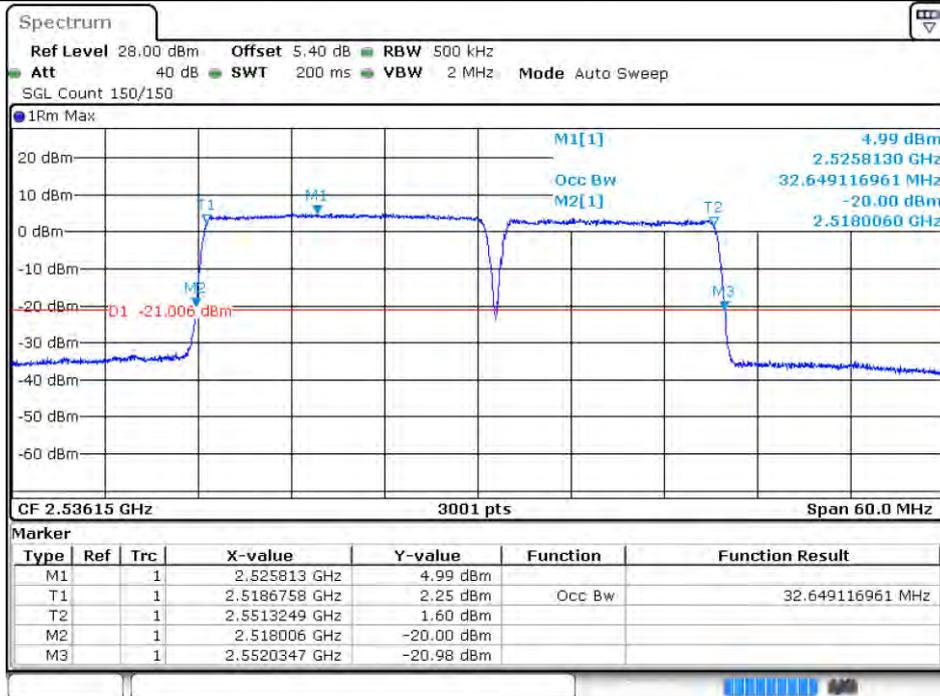
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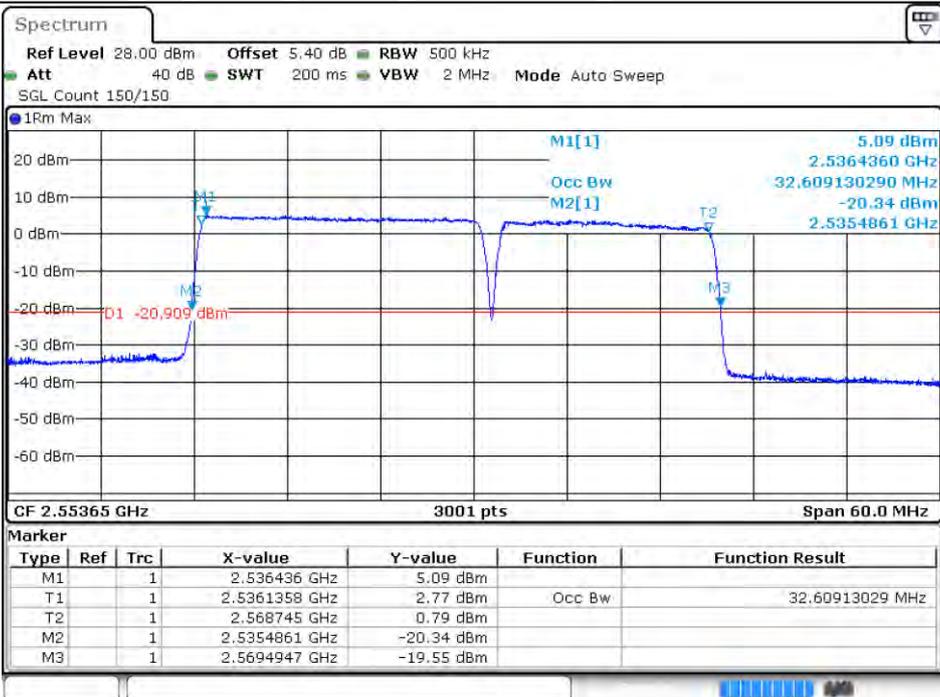


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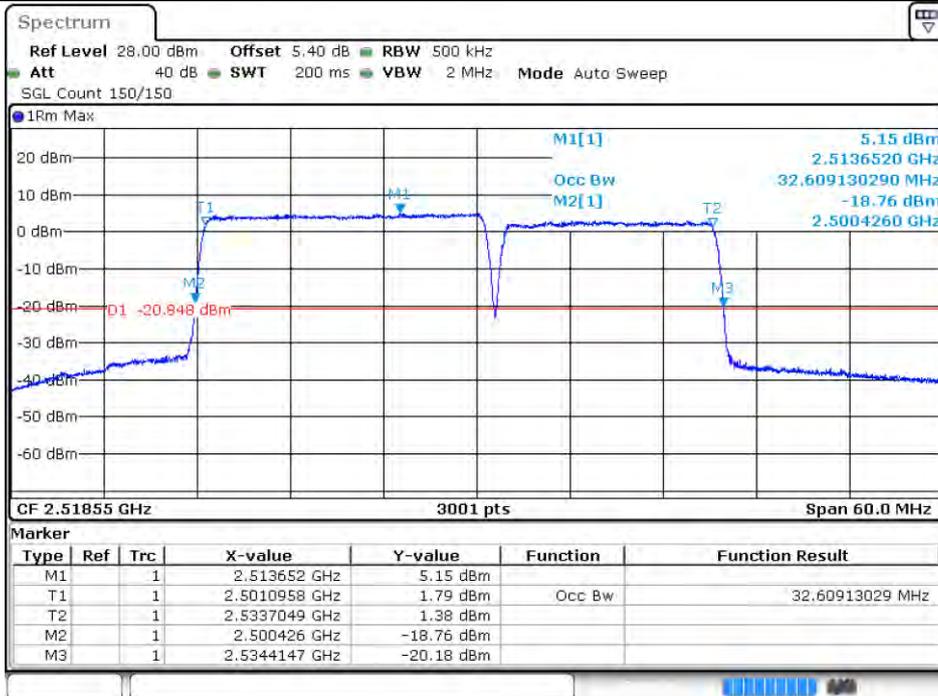
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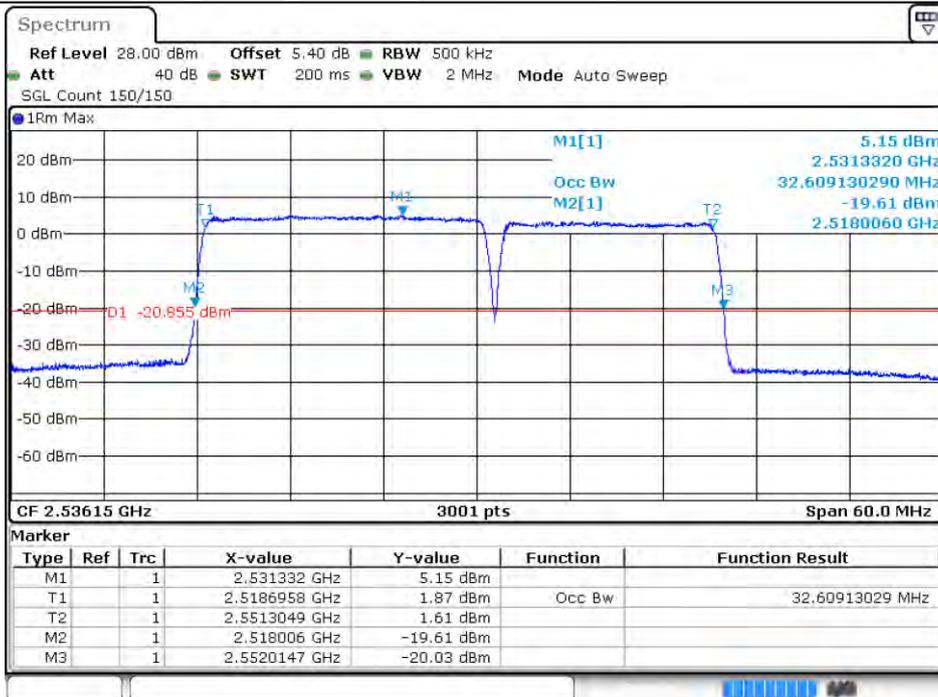


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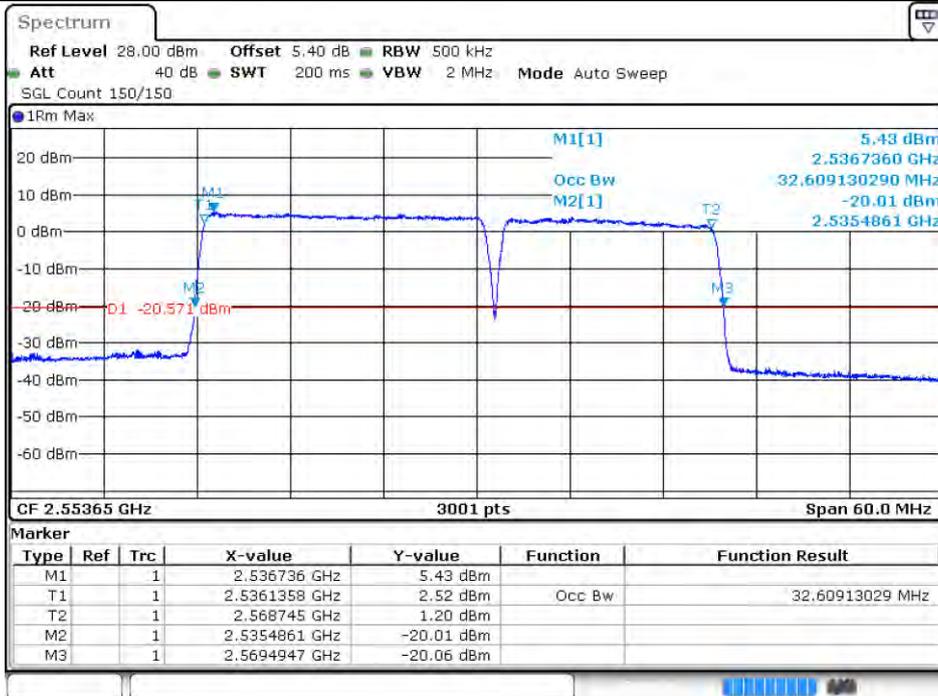
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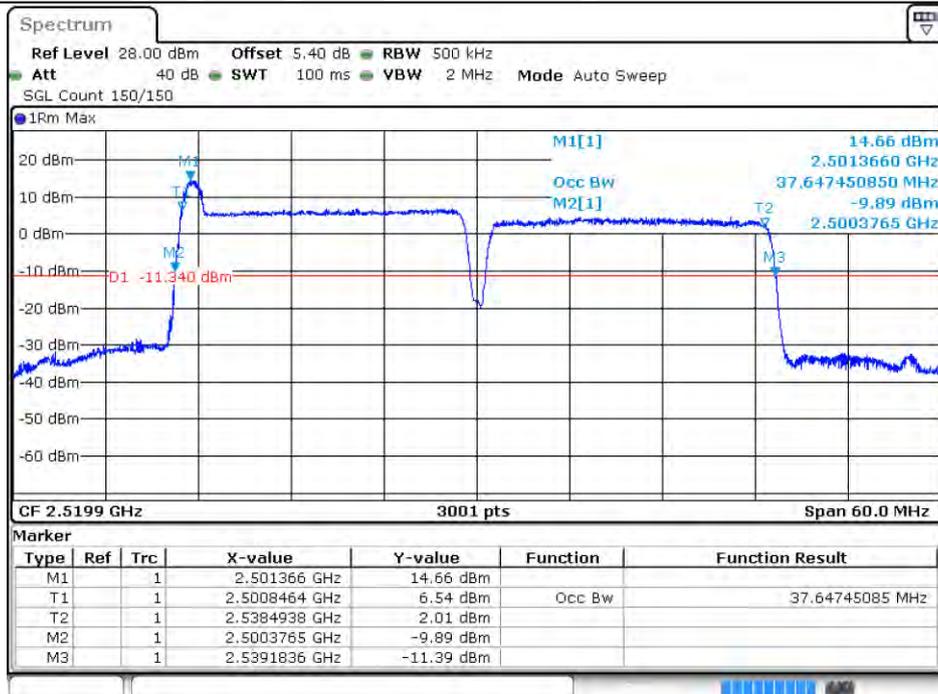


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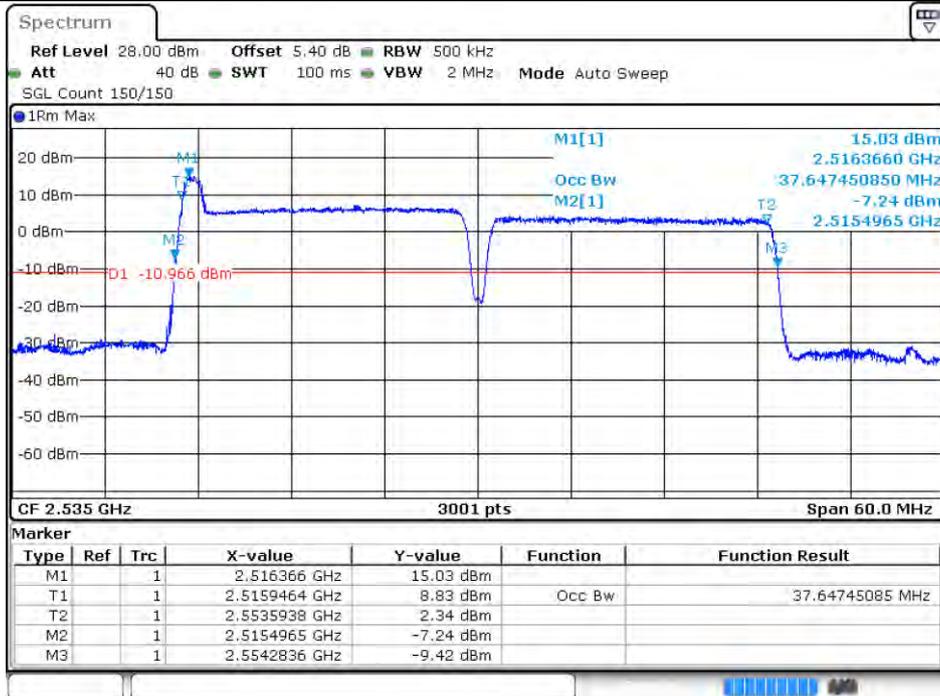
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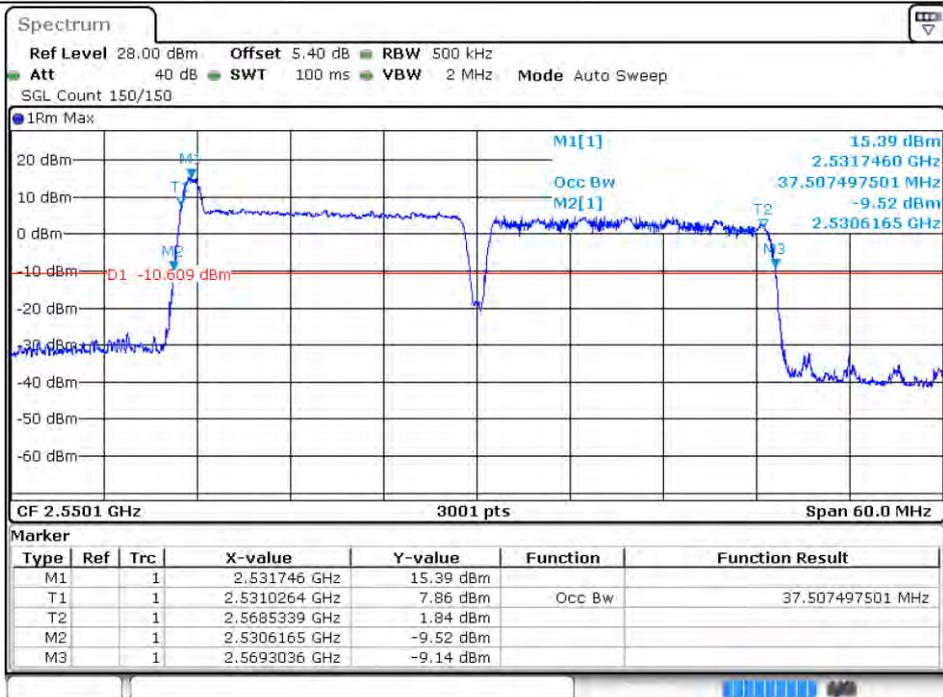


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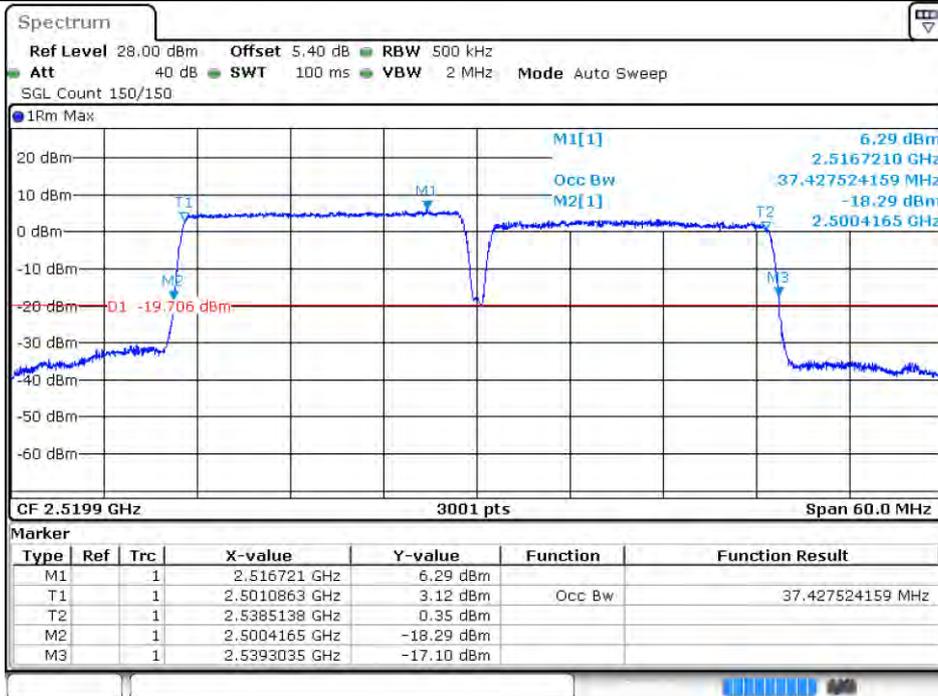
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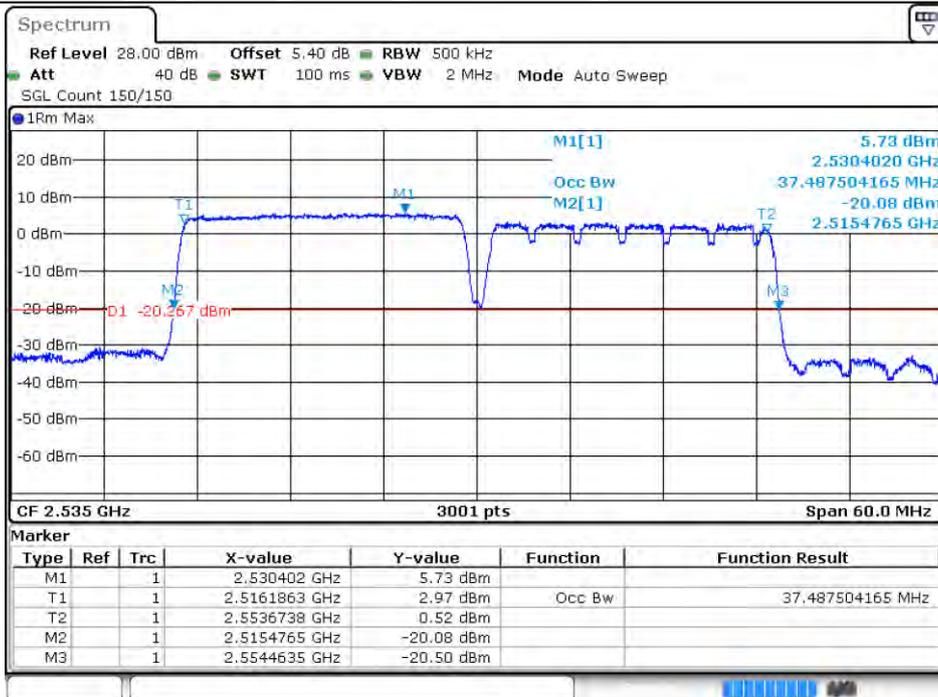


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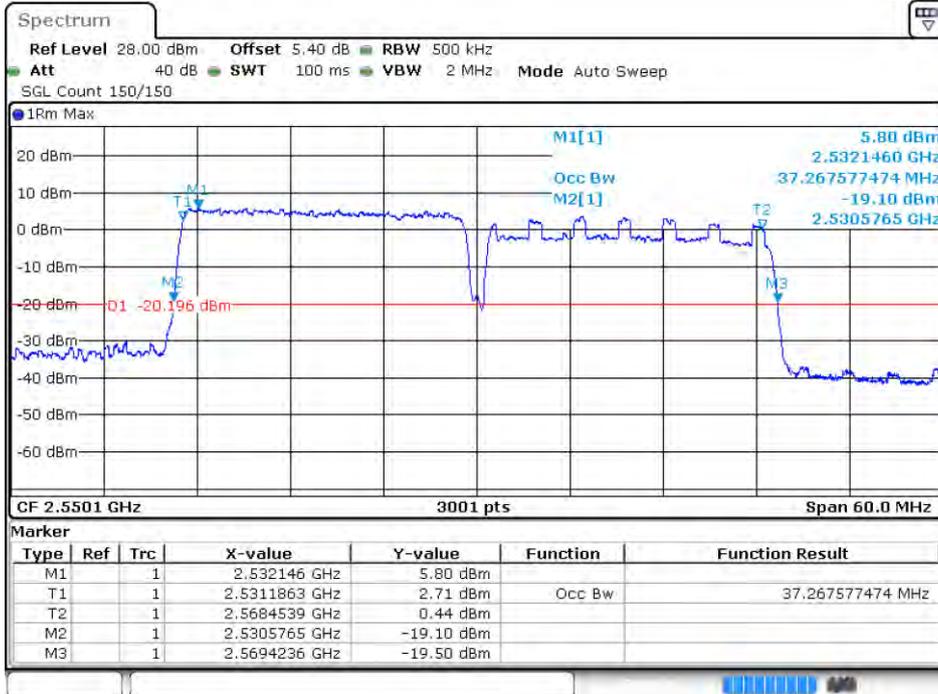
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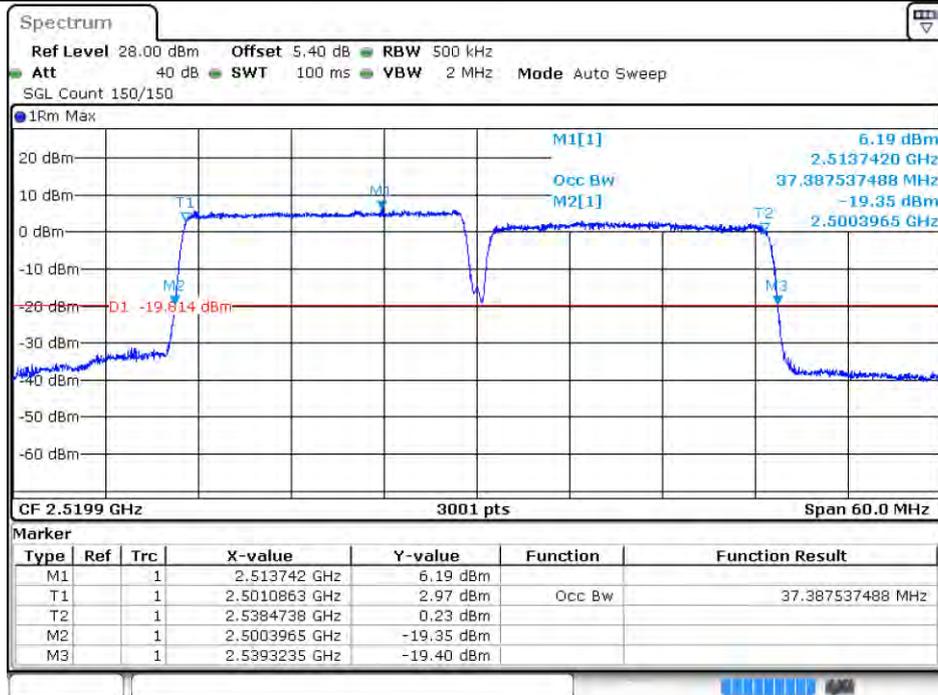


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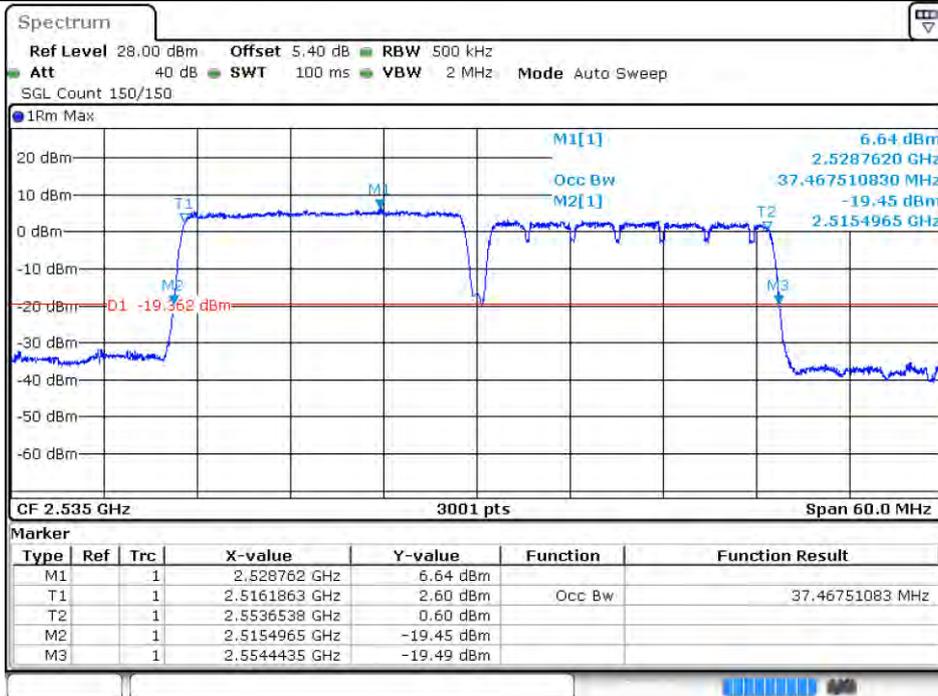
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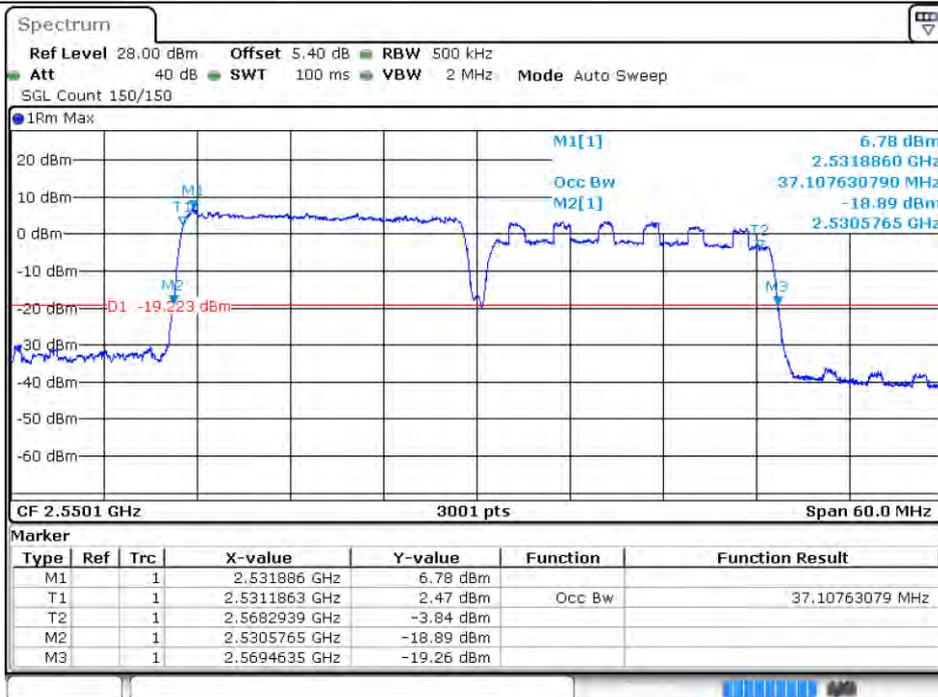


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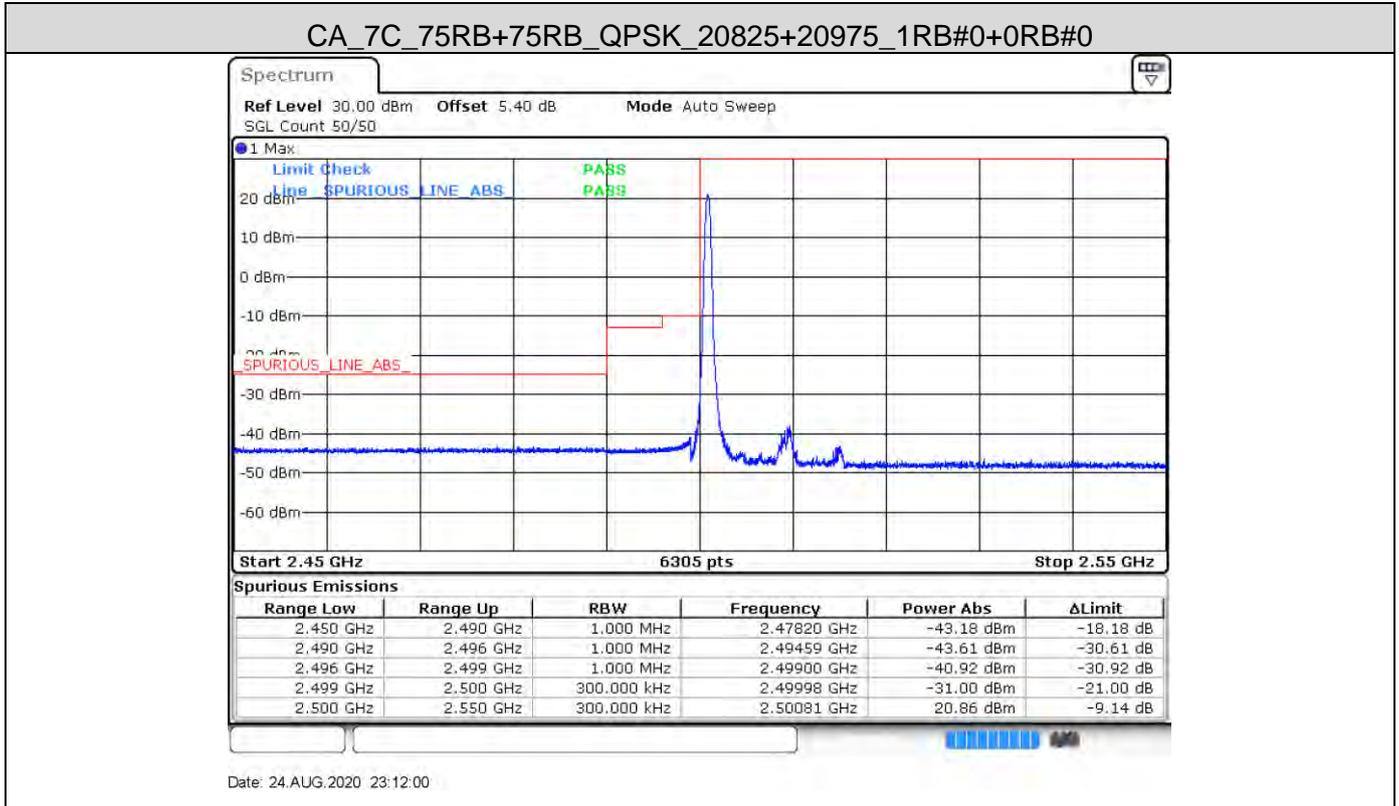




5 Band Edges Compliance

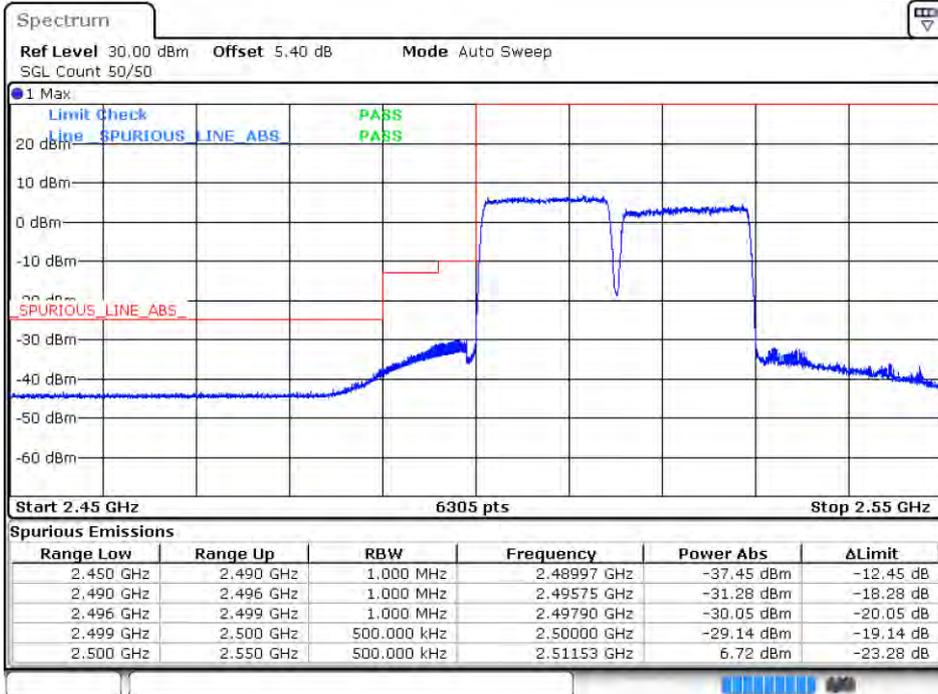
5.1 For LTE

5.1.1 Test Band = LTE Band CA_7C



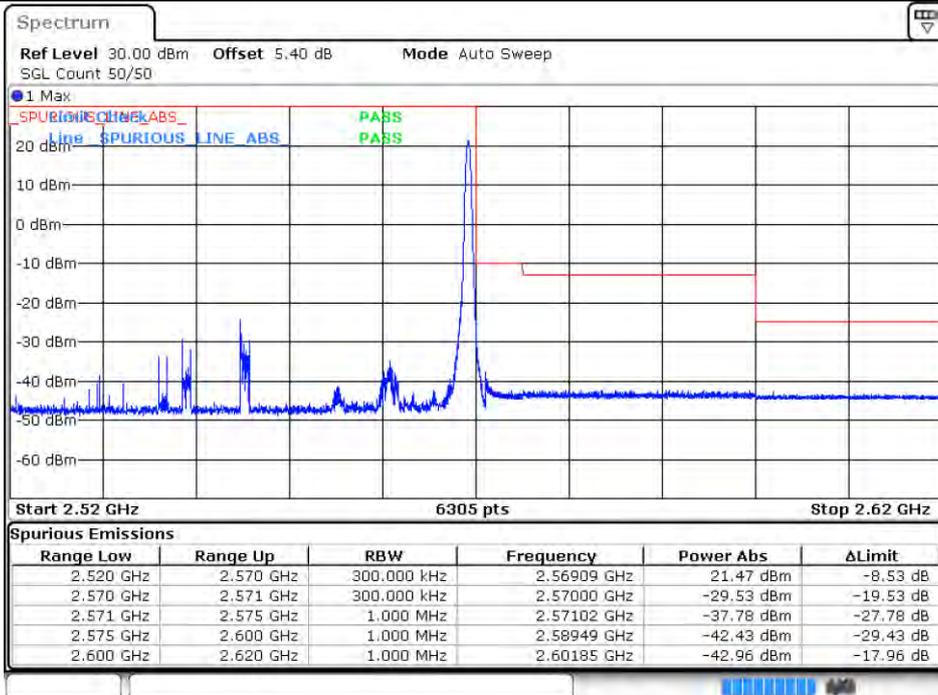
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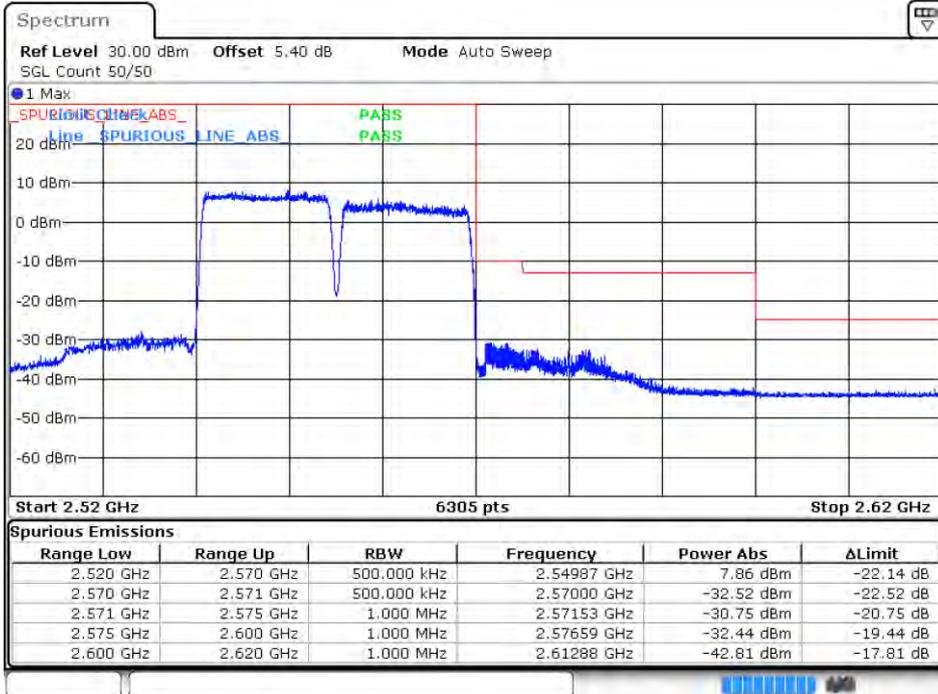
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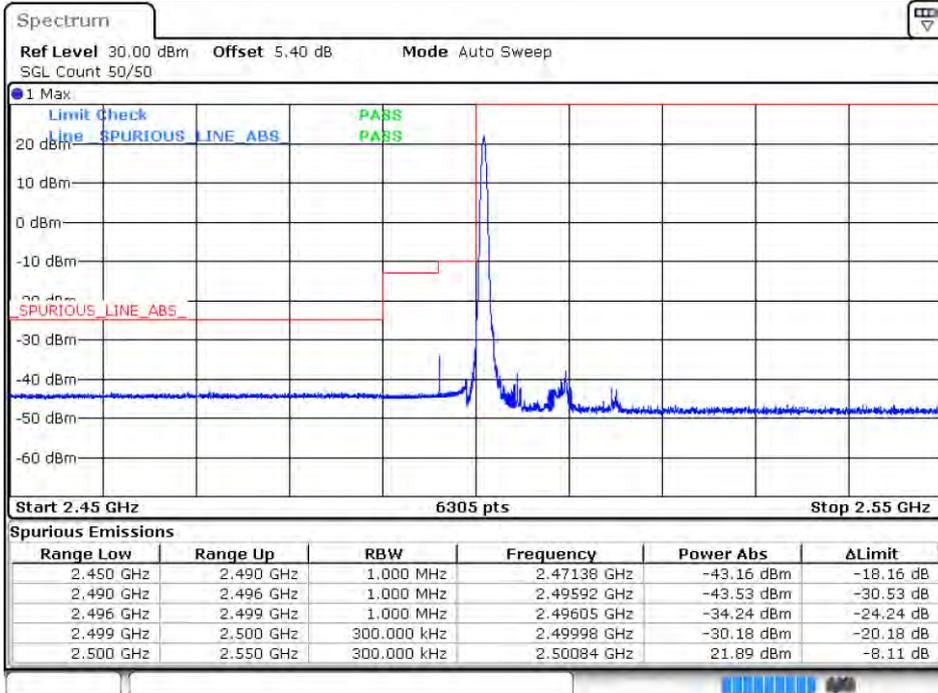


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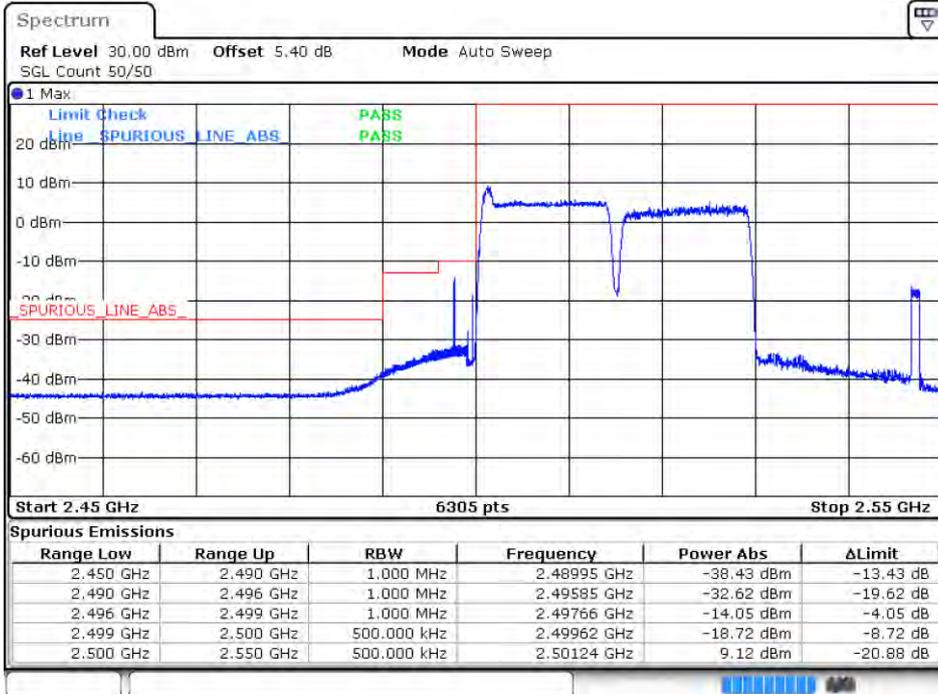
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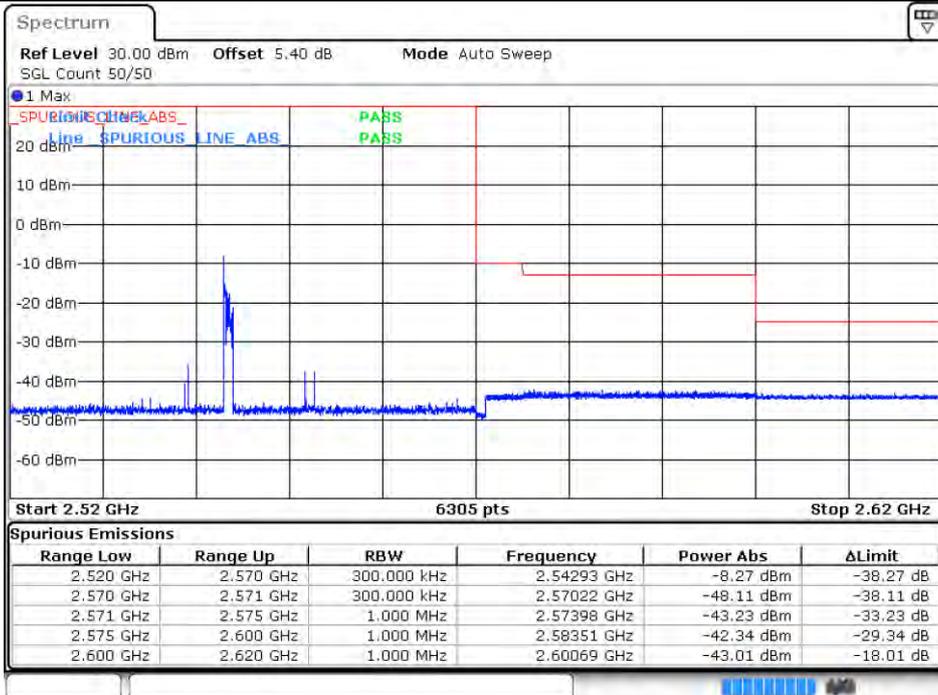


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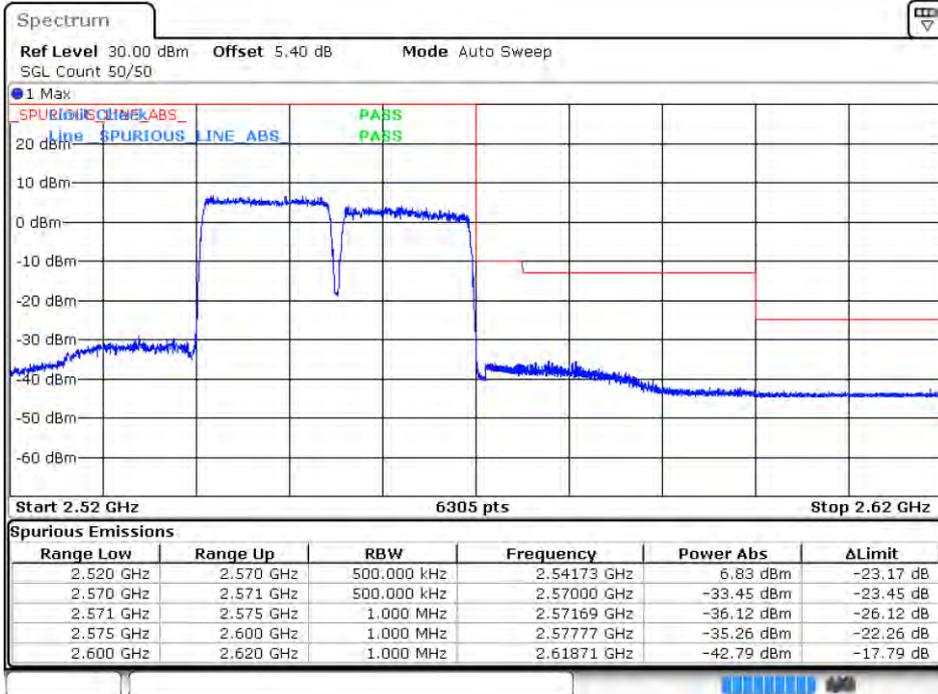
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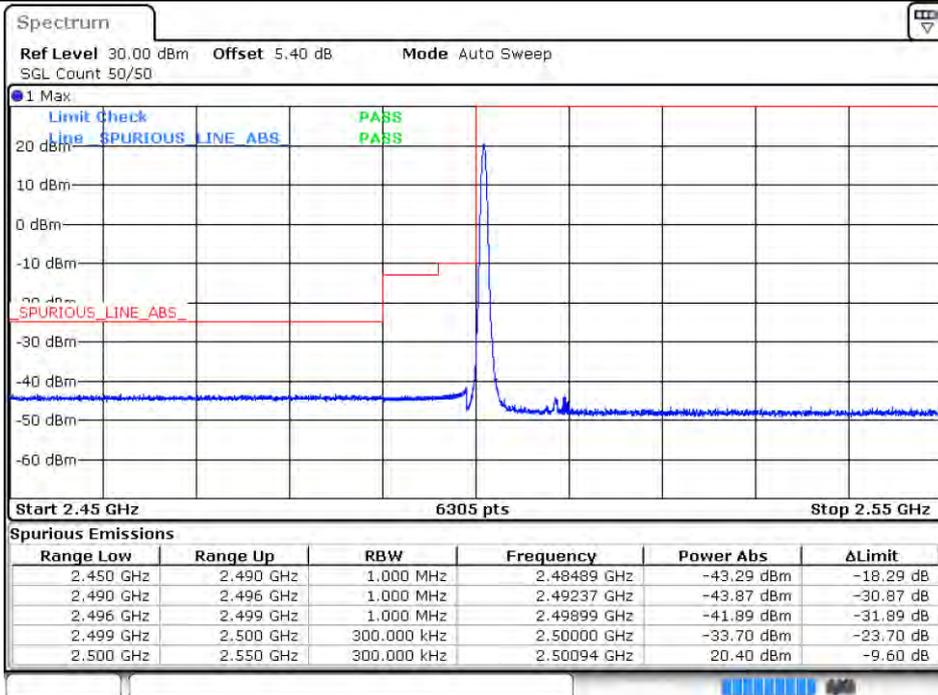


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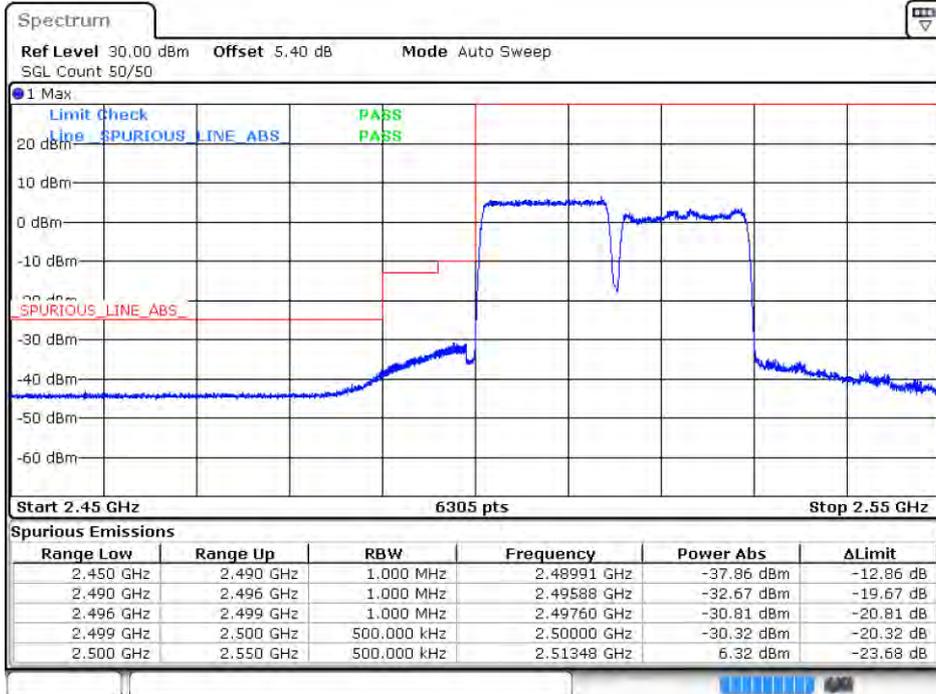
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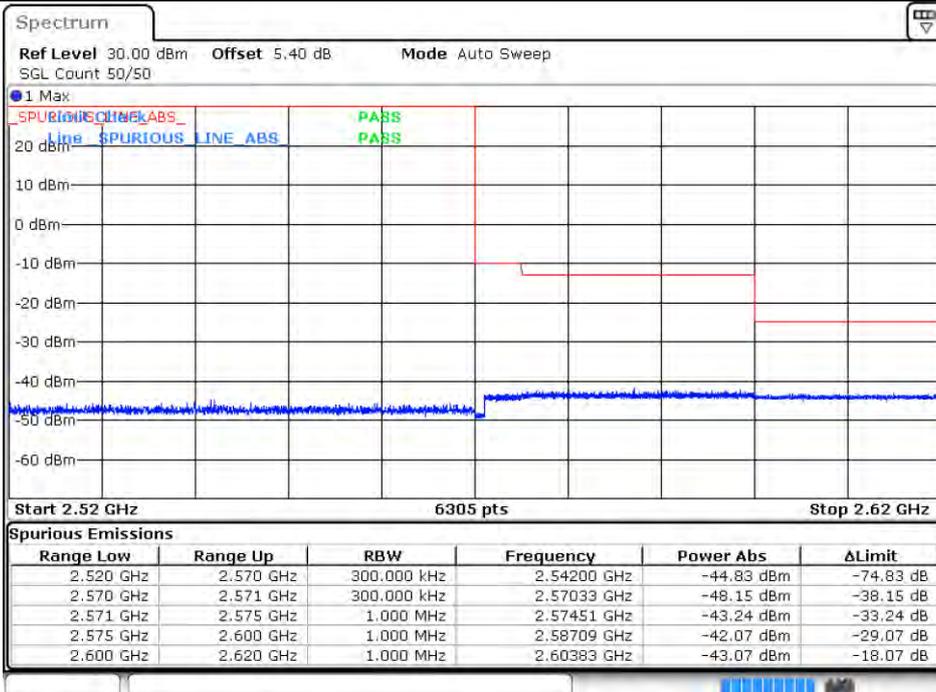


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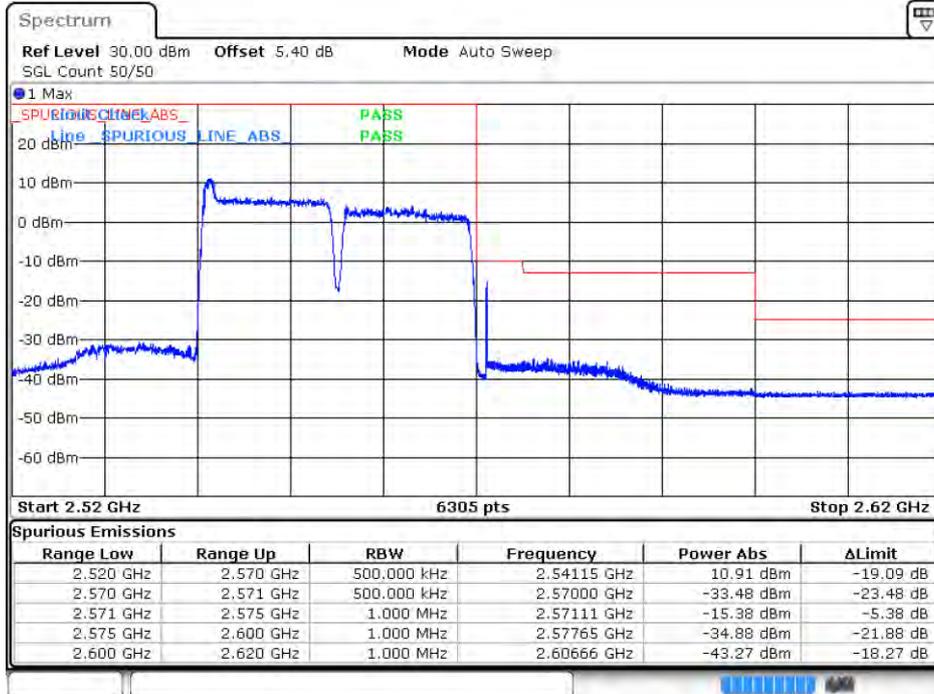
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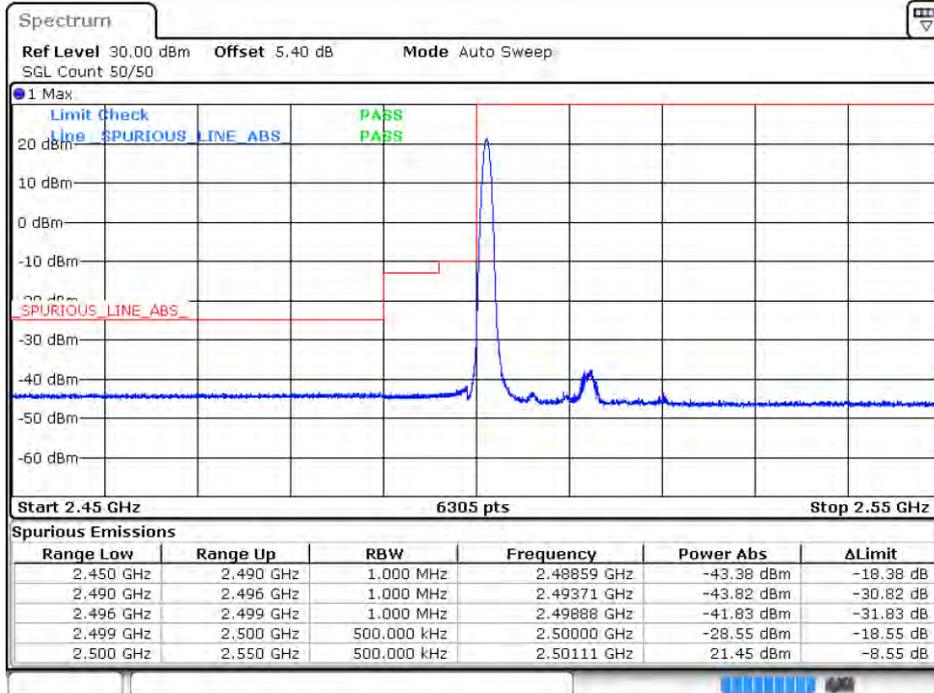


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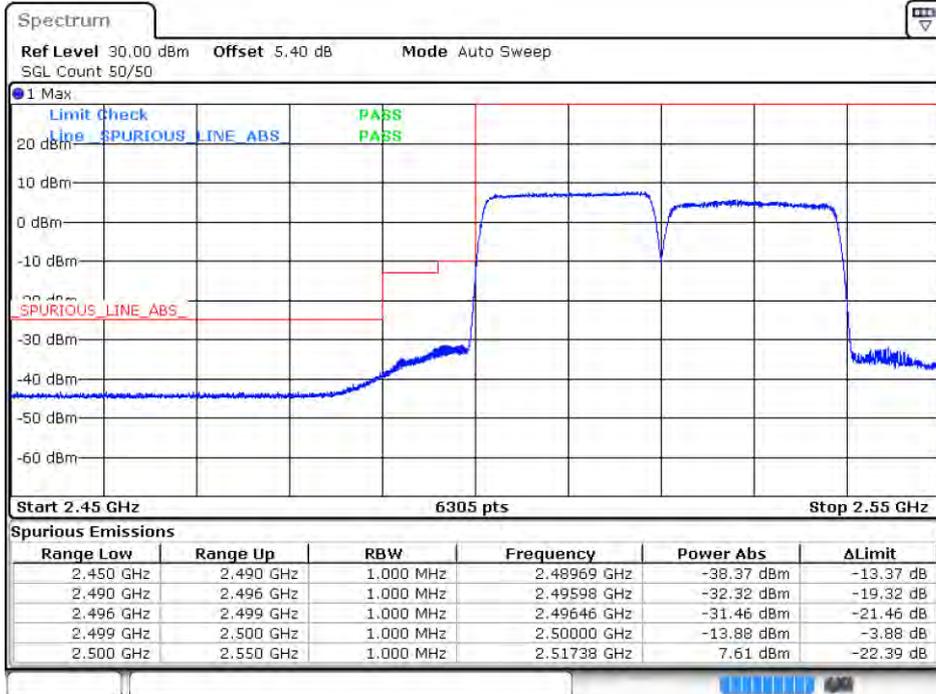
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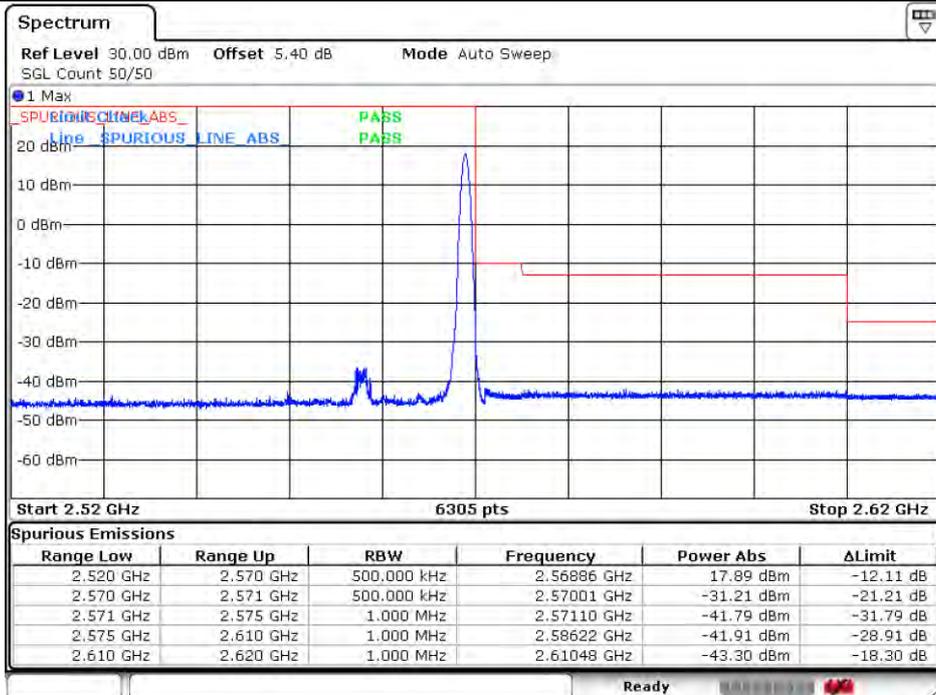


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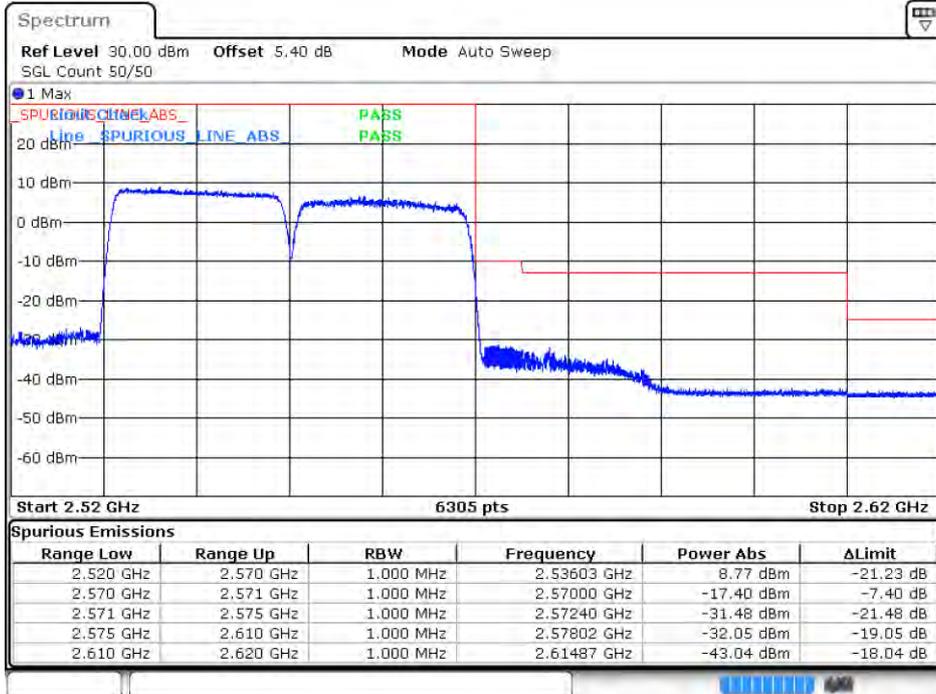
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Date: 25.AUG.2020 09:43:27

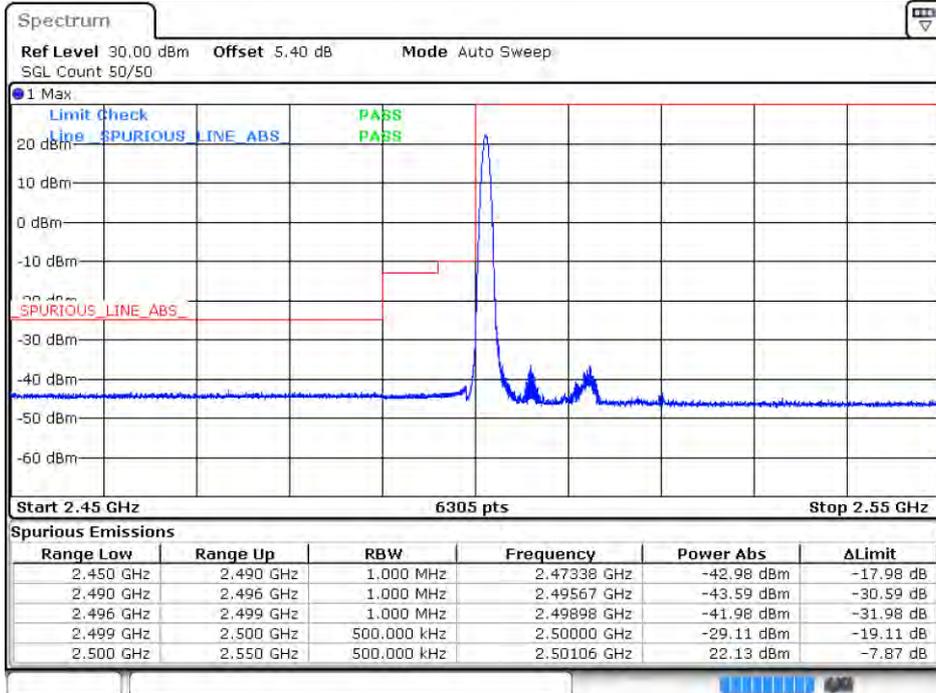


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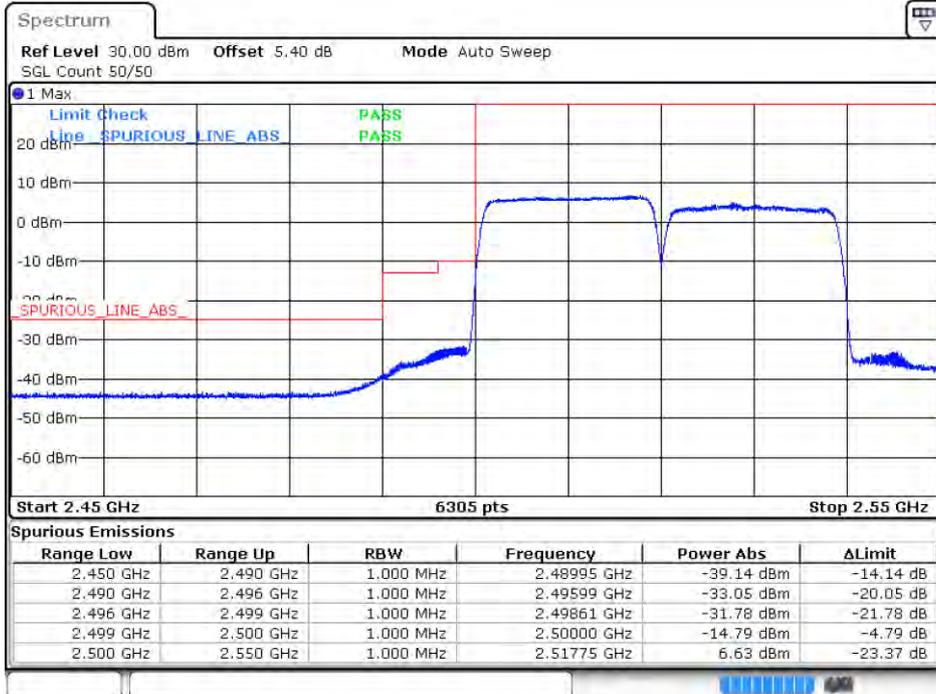
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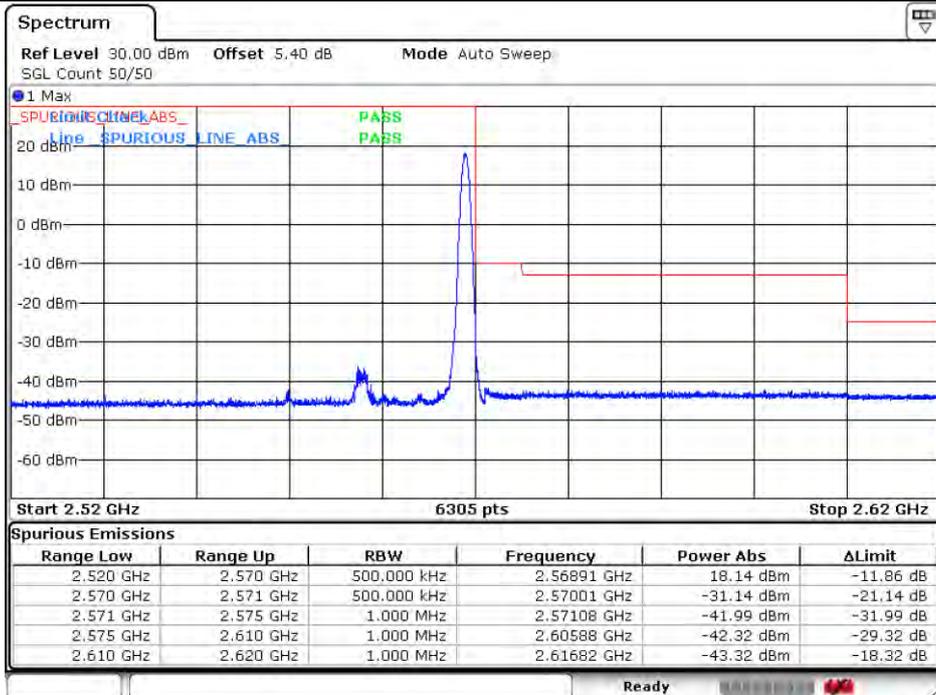


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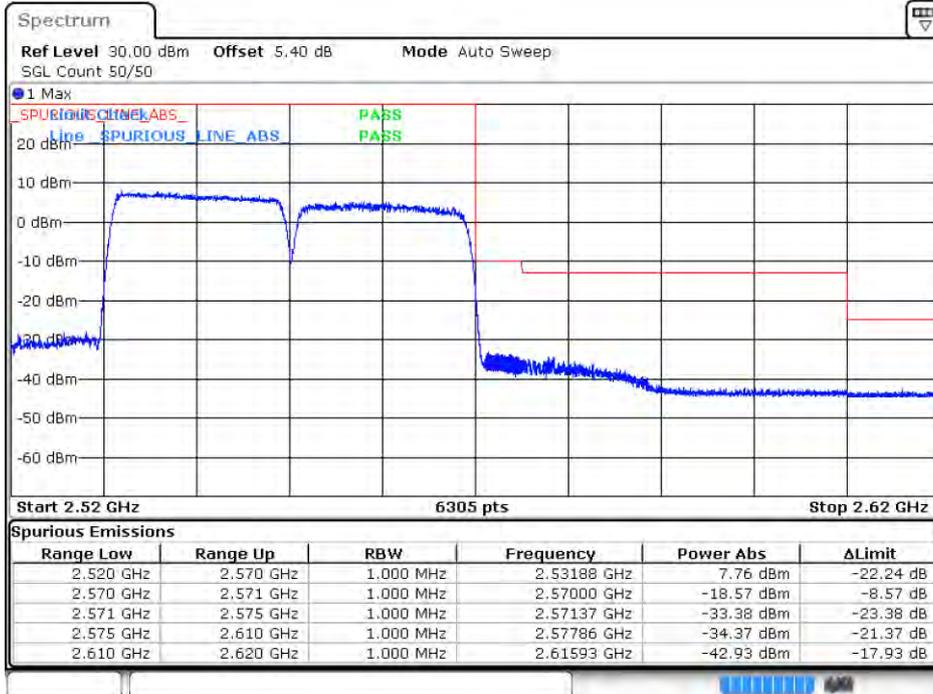
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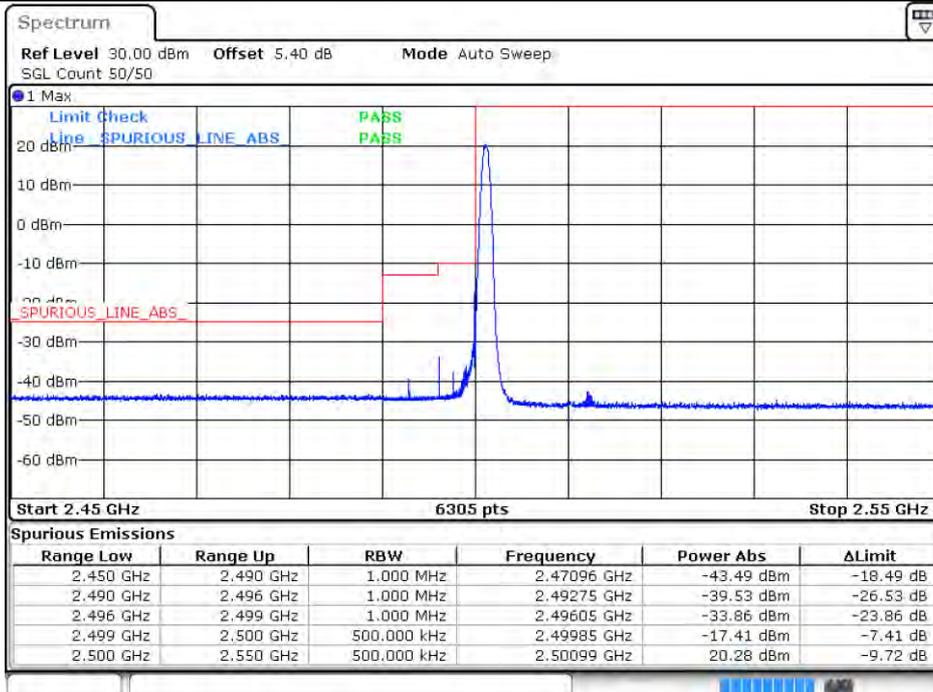


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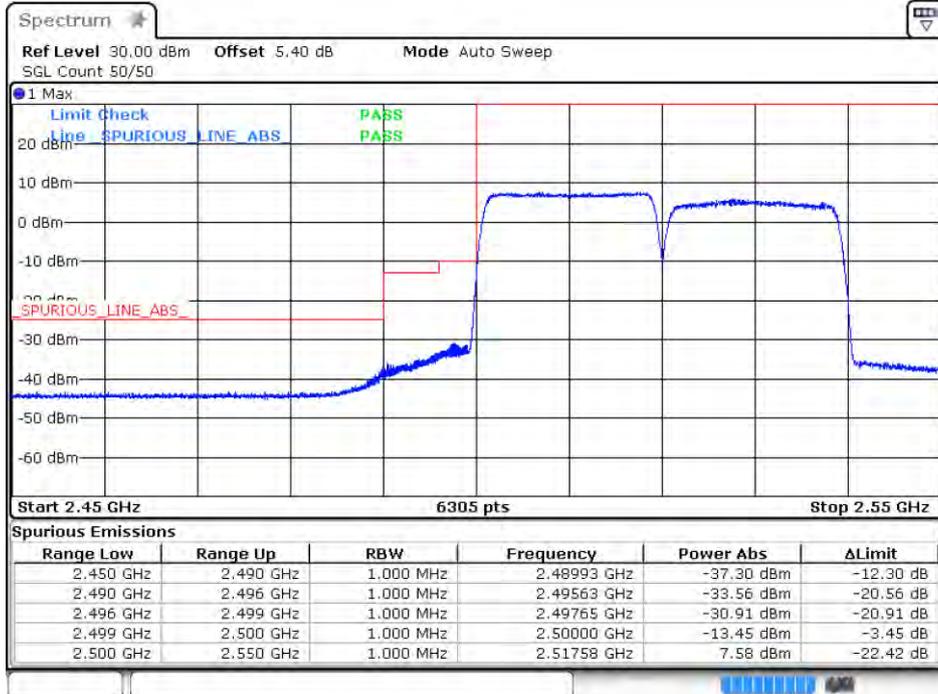
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Date: 24.AUG.2020 23:30:59

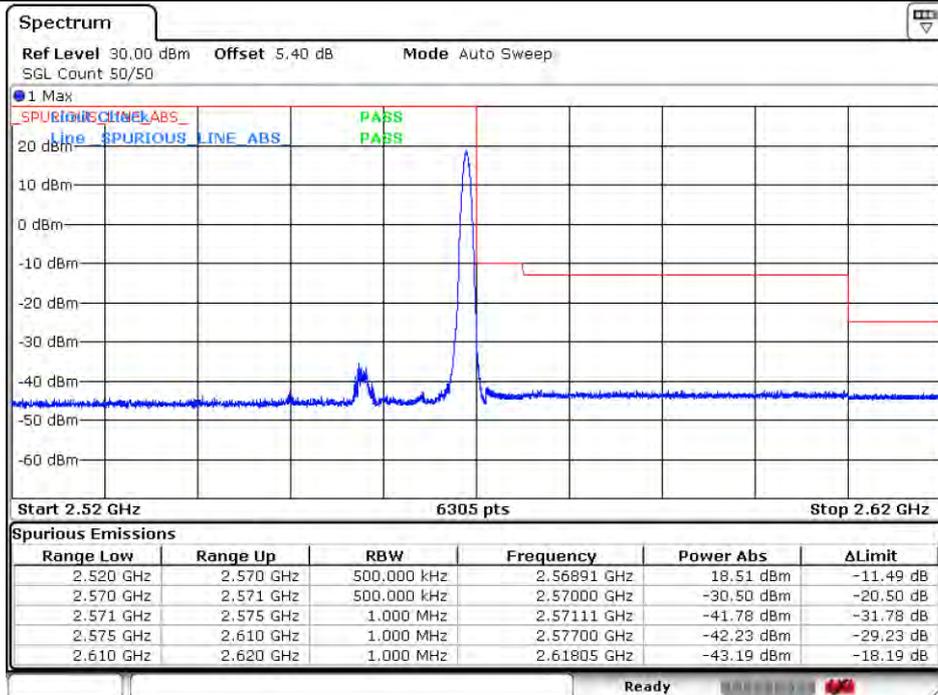


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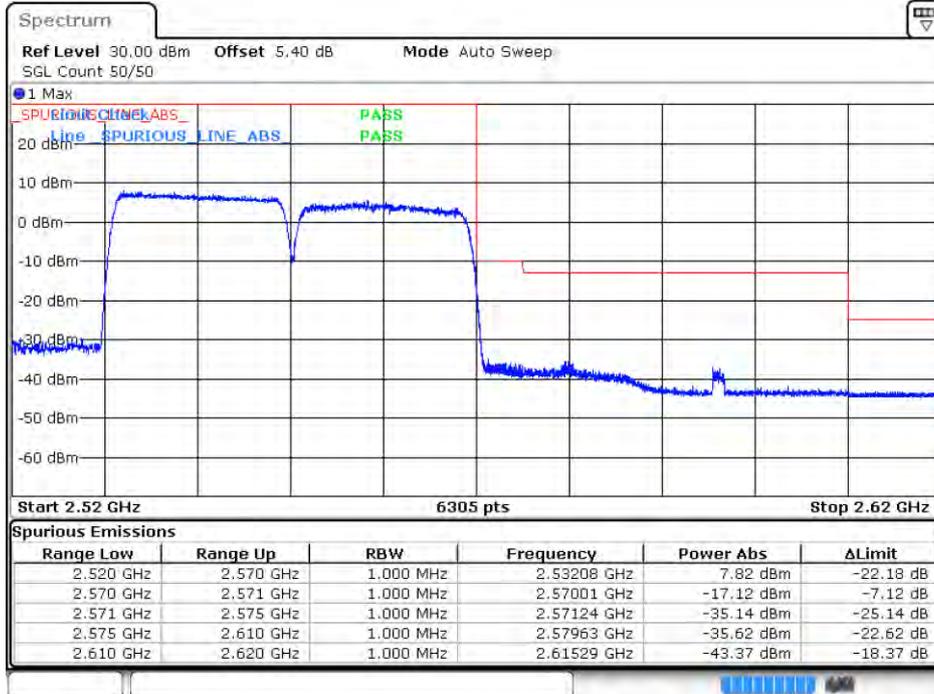
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Date: 25.AUG.2020 09:42:34



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Date: 24.AUG.2020 23:47:15



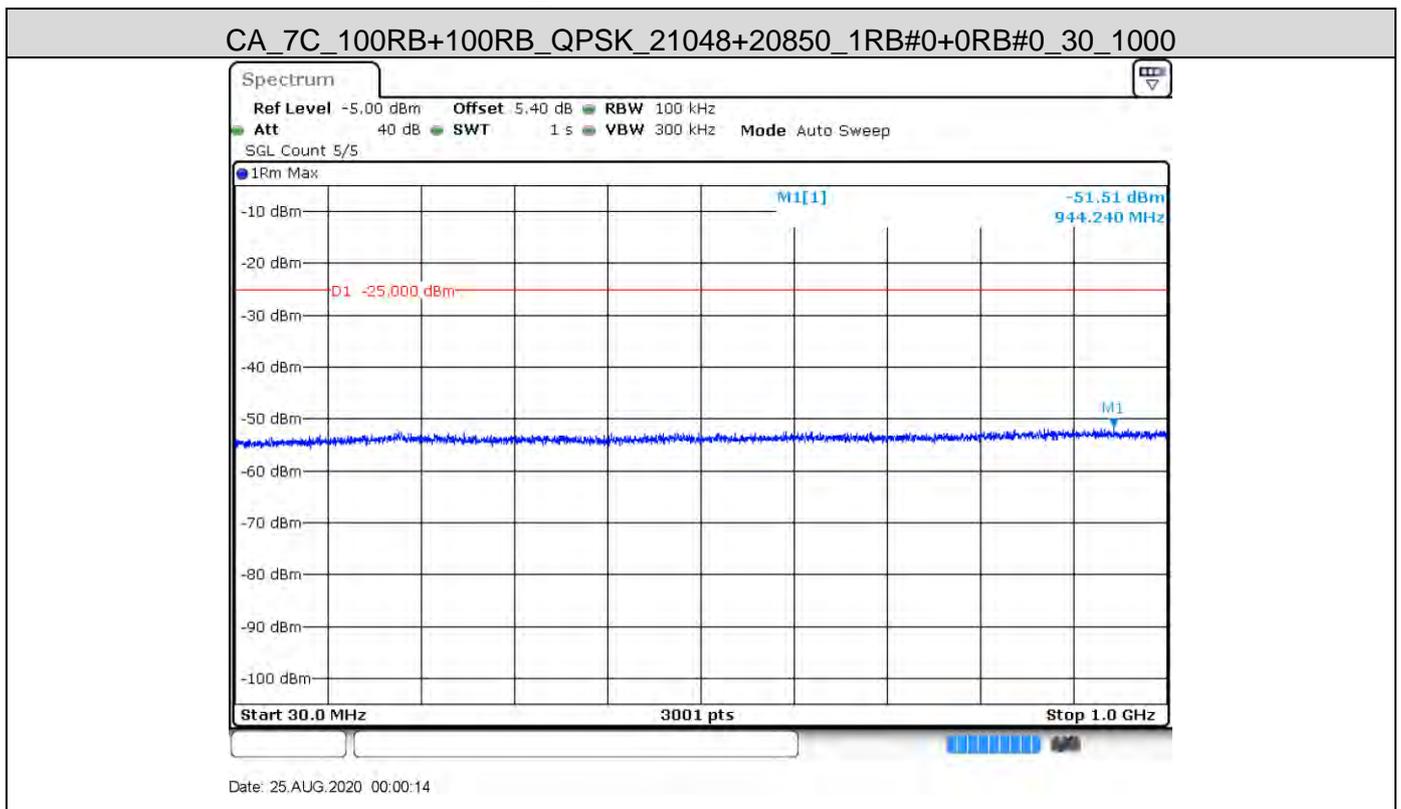
6 Spurious Emission at Antenna Terminal

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.

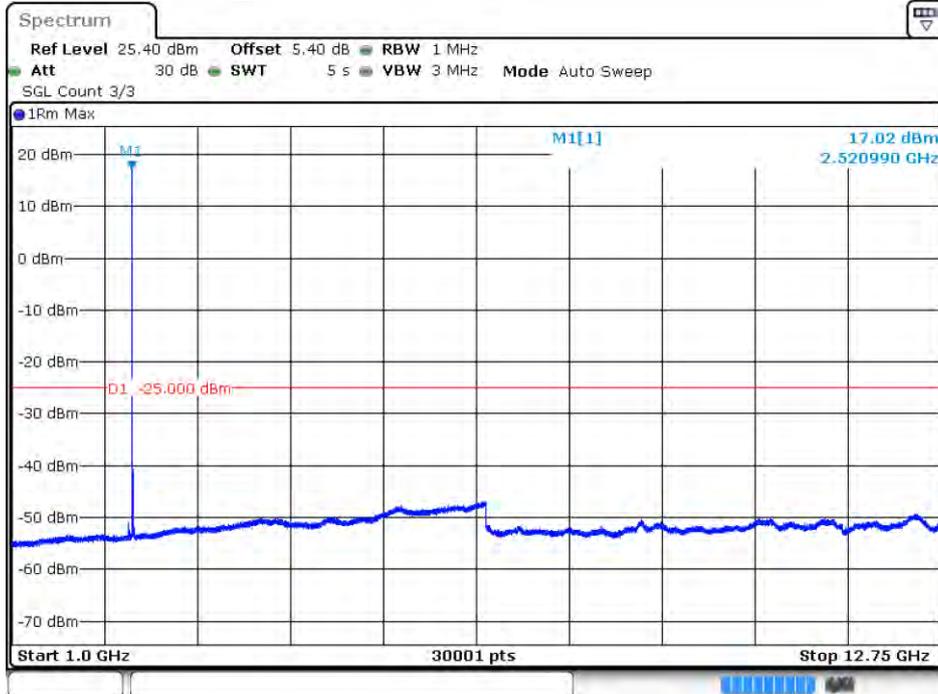
Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE Band CA_7C

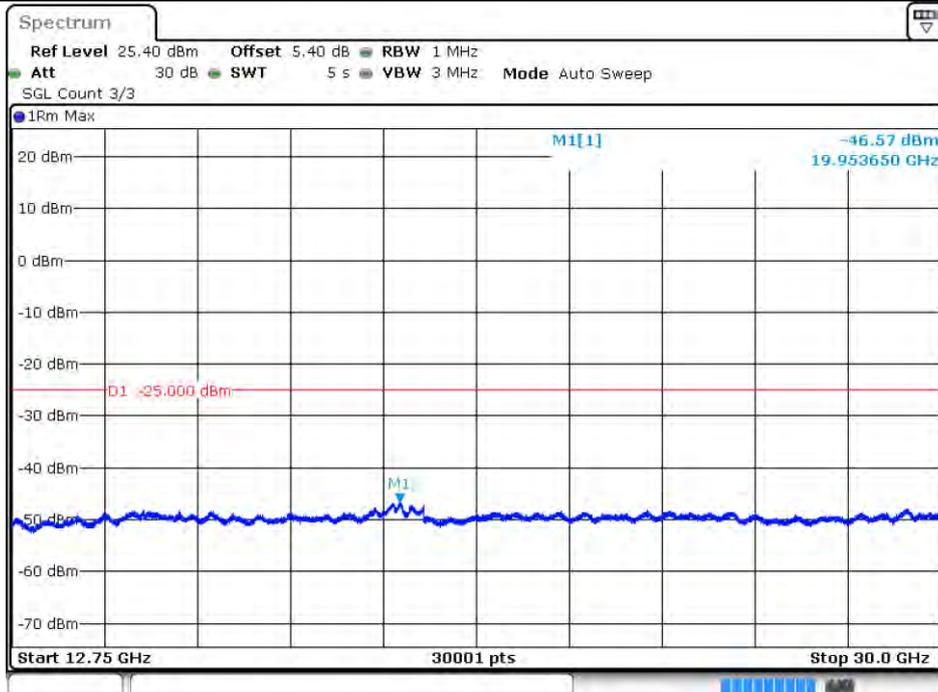


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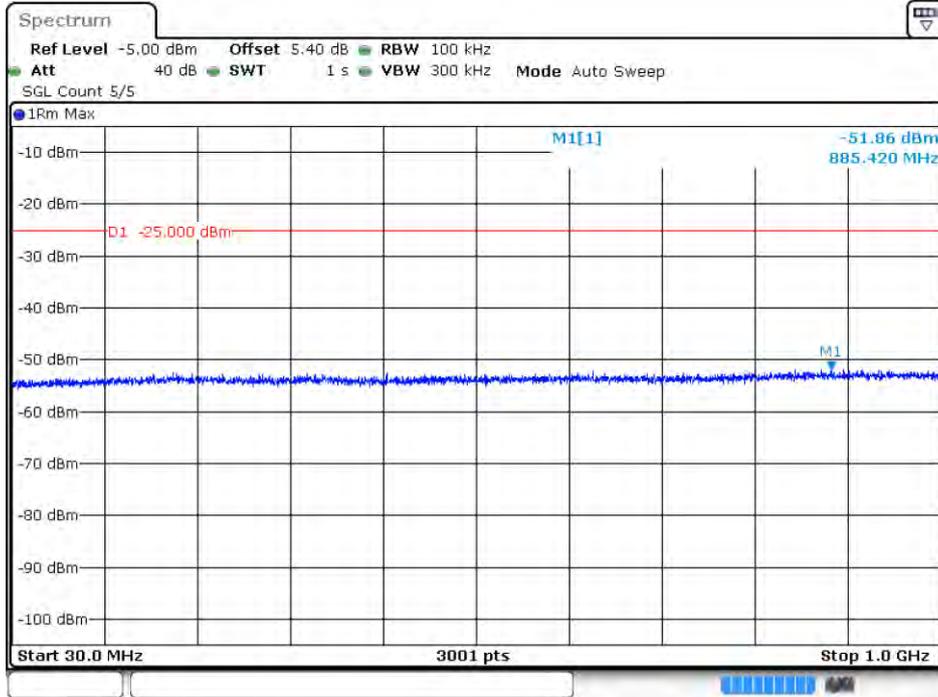


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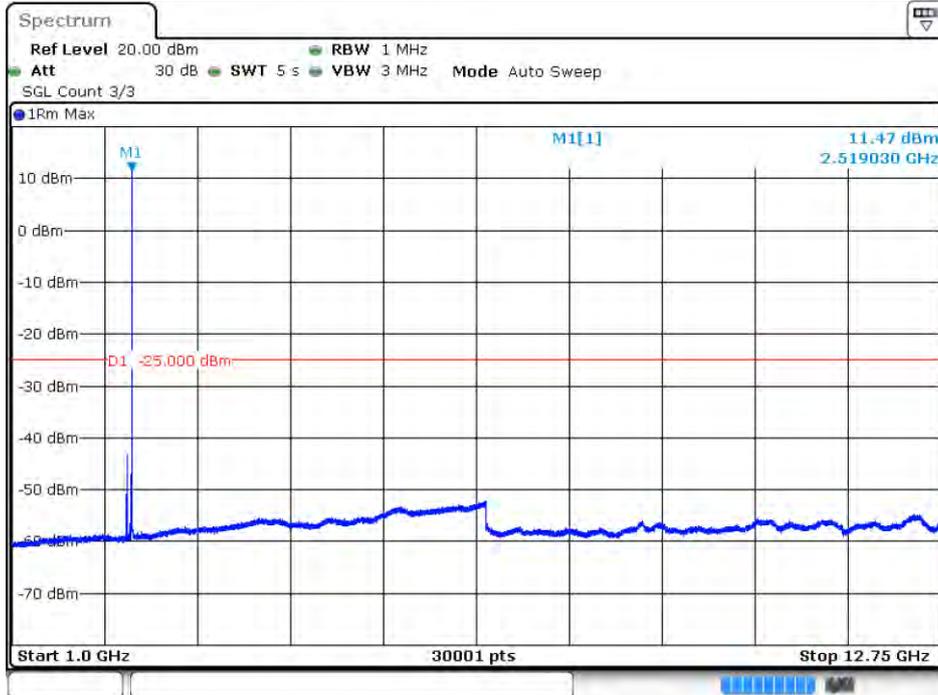


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Date: 25.AUG.2020 00:00:20

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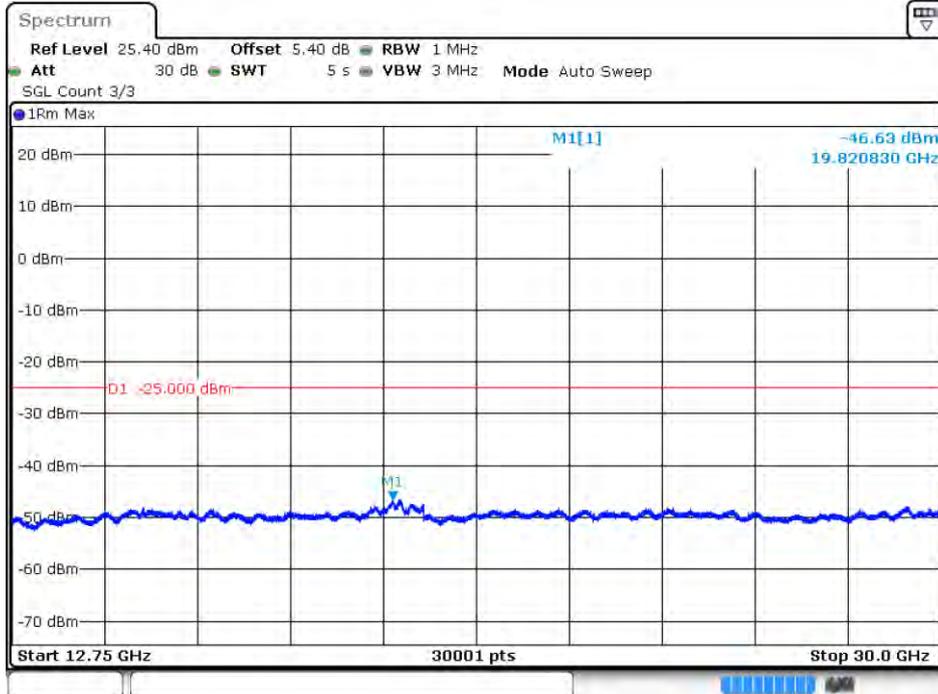


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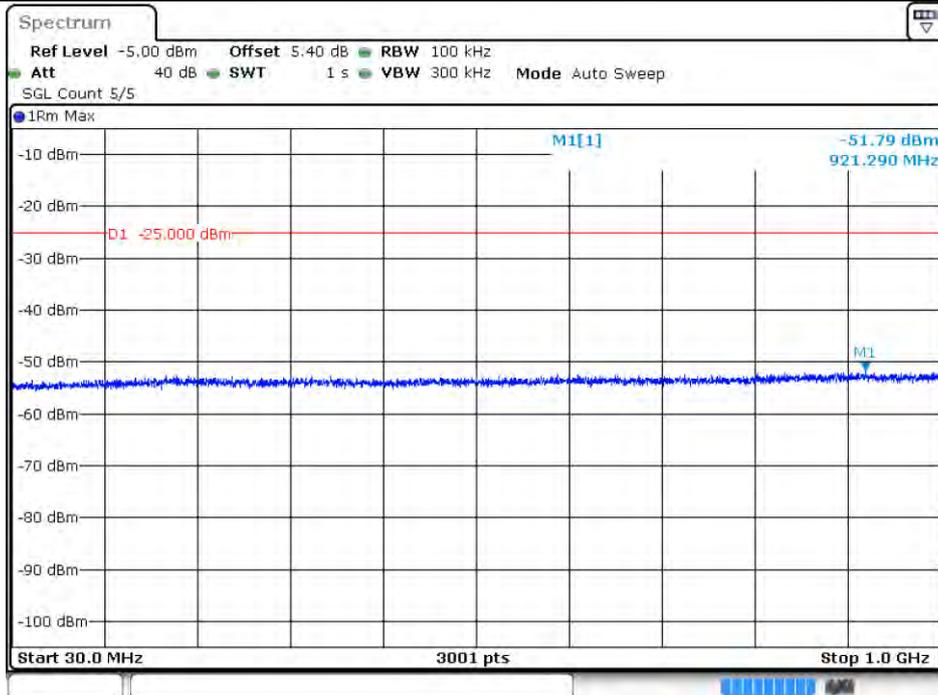


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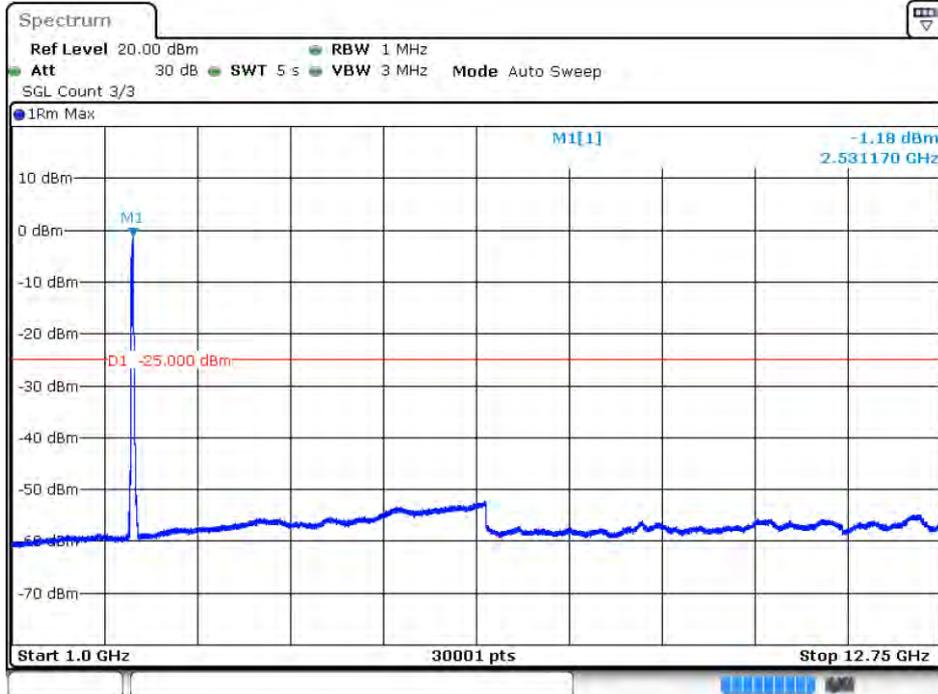
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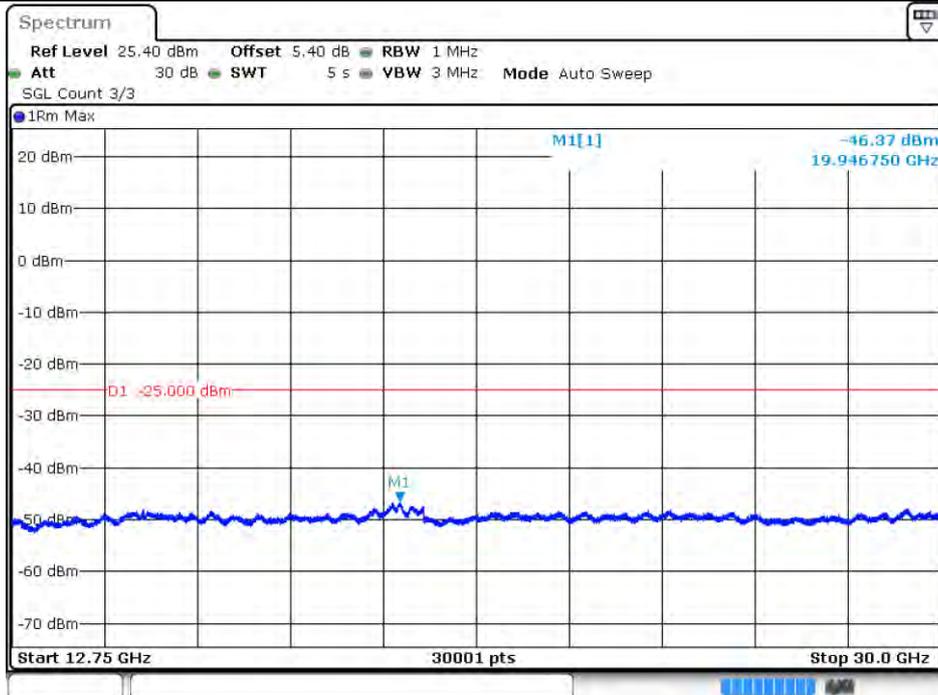


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Date: 25.AUG.2020 15:44:20

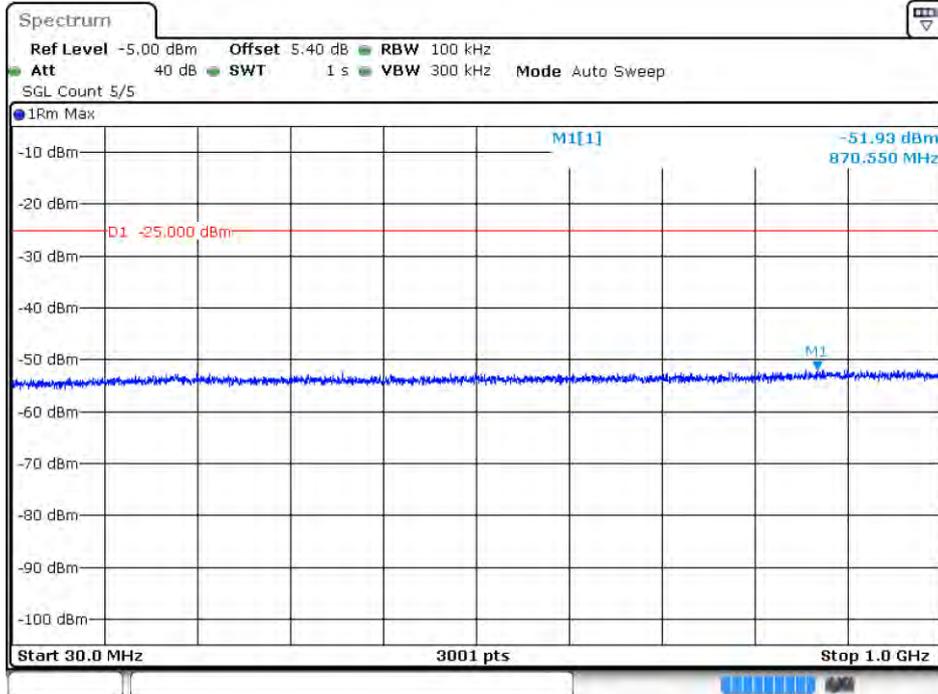
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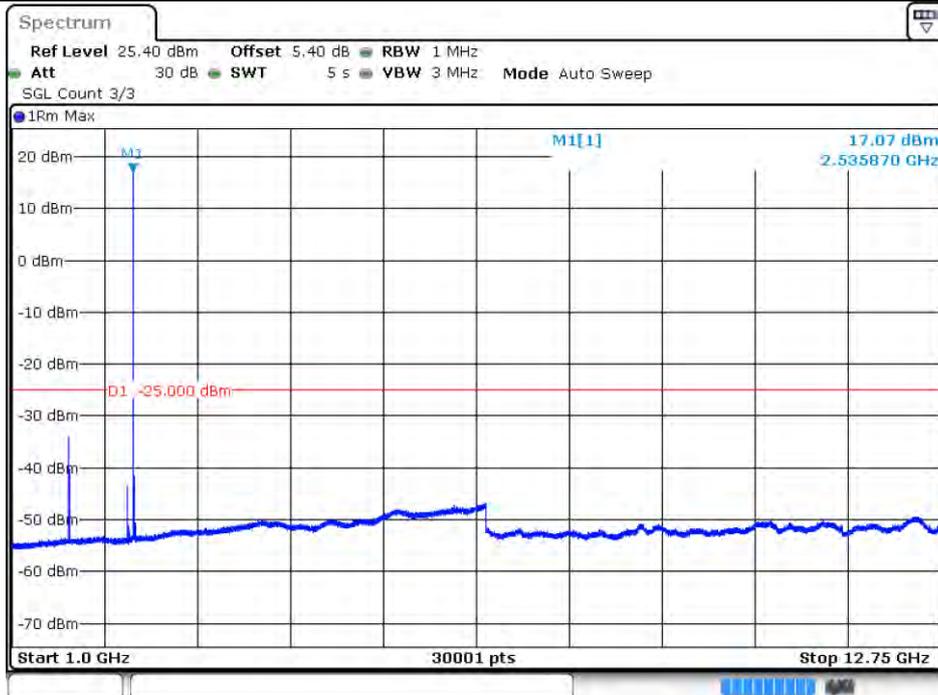


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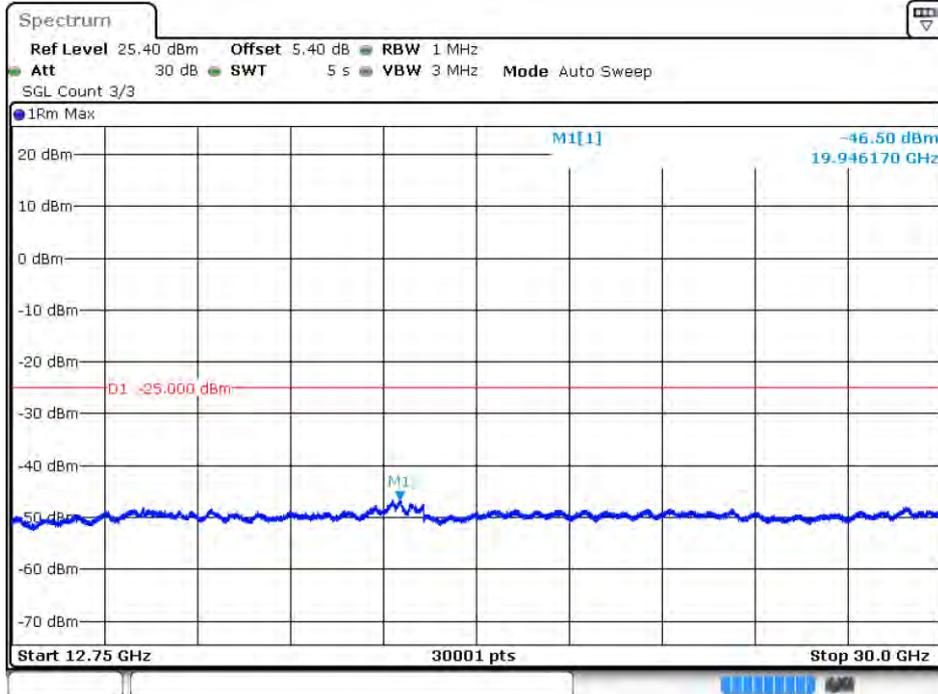
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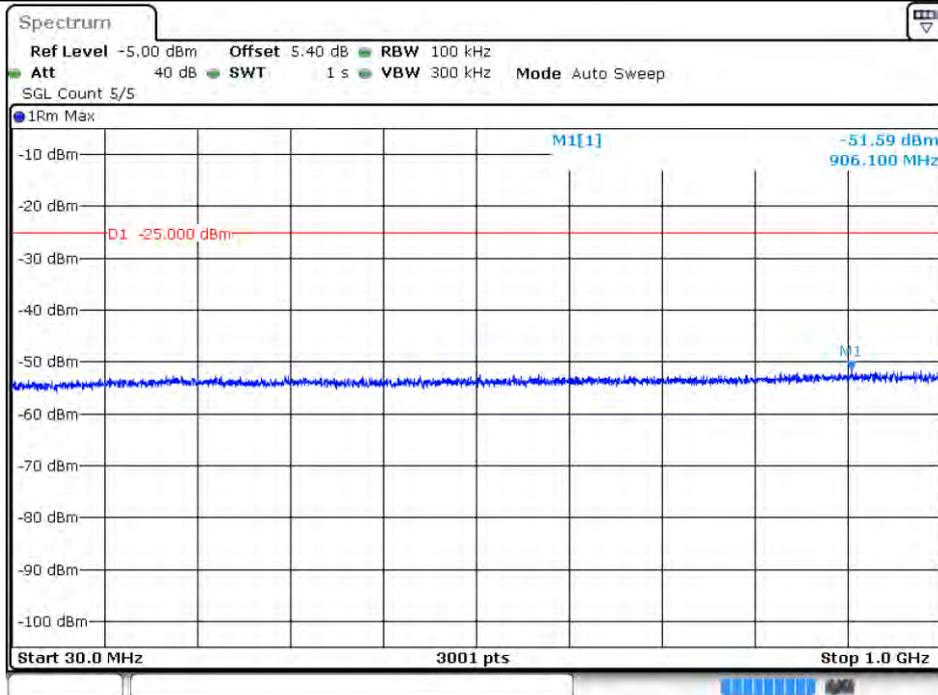


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Date: 25.AUG.2020 15:48:58

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Date: 25.AUG.2020 00:04:19

