

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(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	23.58	20.58	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	23.13	20.13	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	23.15	20.15	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	23.23	20.23	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	23.12	20.12	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	23.42	20.42	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	23.49	20.49	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	23.24	20.24	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	23.49	20.49	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	23.19	20.19	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	23.44	20.44	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	23.47	20.47	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	23.55	20.55	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	23.53	20.53	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	23.38	20.38	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	23.62	20.62	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	23.64	20.64	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	23.41	20.41	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	23.47	20.47	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	23.36	20.36	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	23.49	20.49	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	23.50	20.5	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	23.50	20.5	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	23.25	20.25	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	23.49	20.49	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	23.42	20.42	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	23.48	20.48	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	23.17	20.17	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	23.55	20.55	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	23.42	20.42	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	23.39	20.39	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	23.55	20.55	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	23.33	20.33	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	22.58	19.58	33.00	PASS

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CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	22.87	19.87	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	22.71	19.71	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	22.82	19.82	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	22.69	19.69	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	22.94	19.94	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	22.65	19.65	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	22.41	19.41	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	23.04	20.04	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	22.57	19.57	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	22.73	19.73	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	22.64	19.64	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	23.02	20.02	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	22.61	19.61	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	22.91	19.91	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	23.02	20.02	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	22.43	19.43	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	22.66	19.66	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	22.68	19.68	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	22.83	19.83	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	22.58	19.58	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	23.08	20.08	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	22.63	19.63	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	22.69	19.69	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	22.41	19.41	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	22.70	19.7	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	22.60	19.6	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	22.60	19.6	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	22.31	19.31	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	22.70	19.7	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	22.38	19.38	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	22.60	19.6	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	22.64	19.64	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	21.84	18.84	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	21.38	18.38	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	21.49	18.49	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	21.74	18.74	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	21.65	18.65	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	21.74	18.74	33.00	PASS

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CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	21.67	18.67	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	21.33	18.33	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	21.80	18.8	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	21.52	18.52	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	21.79	18.79	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	21.61	18.61	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	21.63	18.63	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	21.71	18.71	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	21.66	18.66	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	21.49	18.49	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	21.48	18.48	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	21.80	18.8	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	21.37	18.37	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	21.79	18.79	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	21.33	18.33	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	21.65	18.65	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	21.46	18.46	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	21.69	18.69	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	21.70	18.7	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	21.45	18.45	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	21.23	18.23	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	21.63	18.63	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	21.58	18.58	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	21.64	18.64	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	21.33	18.33	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	21.45	18.45	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	21.42	18.42	33.00	PASS

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1.2 Max Power Test Result for LTE Band CA_7C(ANT3)

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	18.47	17.47	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	18.71	17.71	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	18.29	17.29	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	18.5	17.5	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	18.96	17.96	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	18.39	17.39	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	18.76	17.76	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	18.69	17.69	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	18.85	17.85	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	18.85	17.85	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	18.67	17.67	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	18.71	17.71	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	18.66	17.66	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	18.48	17.48	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	19.04	18.04	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	18.7	17.7	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	18.6	17.6	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	19.02	18.02	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	18.8	17.8	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	18.52	17.52	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	18.47	17.47	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	18.68	17.68	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	18.74	17.74	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	18.83	17.83	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	18.94	17.94	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	18.59	17.59	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	18.51	17.51	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	18.69	17.69	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	18.58	17.58	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	19.08	18.08	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	19.22	18.22	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	18.78	17.78	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	18.59	17.59	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	18.07	17.07	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	18.38	17.38	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	17.97	16.97	33.00	PASS

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CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	17.83	16.83	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	18.25	17.25	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	17.96	16.96	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	17.79	16.79	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	17.7	16.7	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	18.35	17.35	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	17.87	16.87	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	18.03	17.03	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	17.79	16.79	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	17.96	16.96	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	18.25	17.25	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	17.88	16.88	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	18.11	17.11	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	17.86	16.86	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	18.18	17.18	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	18.15	17.15	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	18	17	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	17.61	16.61	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	18.06	17.06	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	17.81	16.81	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	18.15	17.15	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	18.22	17.22	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	18.21	17.21	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	17.87	16.87	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	18.09	17.09	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	17.77	16.77	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	18.37	17.37	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	18.09	17.09	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	18.36	17.36	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	17.69	16.69	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	16.26	15.26	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	16.78	15.78	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	16.77	15.77	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	15.94	14.94	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	16.75	15.75	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	16.58	15.58	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	16.1	15.1	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	15.77	14.77	33.00	PASS

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CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	16.67	15.67	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	16.26	15.26	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	16.74	15.74	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	16.58	15.58	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	16.34	15.34	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	16.79	15.79	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	16.82	15.82	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	16.31	15.31	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	15.97	14.97	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	16.25	15.25	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	16.5	15.5	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	16.6	15.6	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	16.67	15.67	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	16.22	15.22	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	15.56	14.56	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	16.83	15.83	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	16.37	15.37	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	16.83	15.83	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	16.55	15.55	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	15.98	14.98	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	16.02	15.02	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	16.82	15.82	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	16.27	15.27	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	16.96	15.96	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	16.6	15.6	33.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,
 ERP [dBm] = Conducted Power [dBm] + Gain [dBd]
 EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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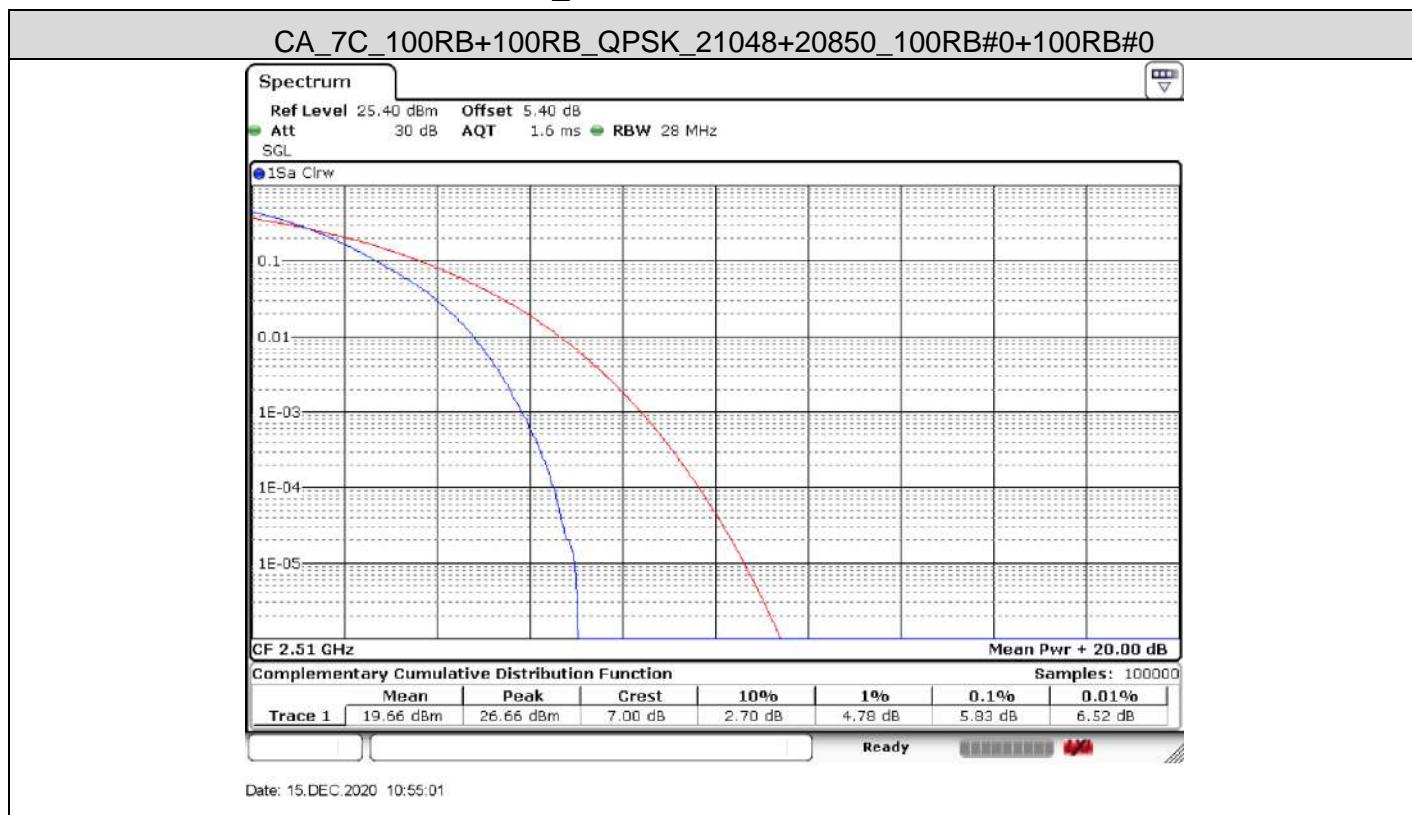
2 Peak-to-Average Ratio

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	5.83	13.00	PASS
CA_7C	QPSK	100RB+100RB	21199+21001	100RB#0	100RB#0	6.09	13.00	PASS
CA_7C	QPSK	100RB+100RB	21350+21152	100RB#0	100RB#0	6.00	13.00	PASS
CA_7C	16QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	6.55	13.00	PASS
CA_7C	16QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	6.61	13.00	PASS
CA_7C	16QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	6.70	13.00	PASS
CA_7C	64QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	6.72	13.00	PASS
CA_7C	64QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	6.67	13.00	PASS
CA_7C	64QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	6.84	13.00	PASS

2.1 For LTE

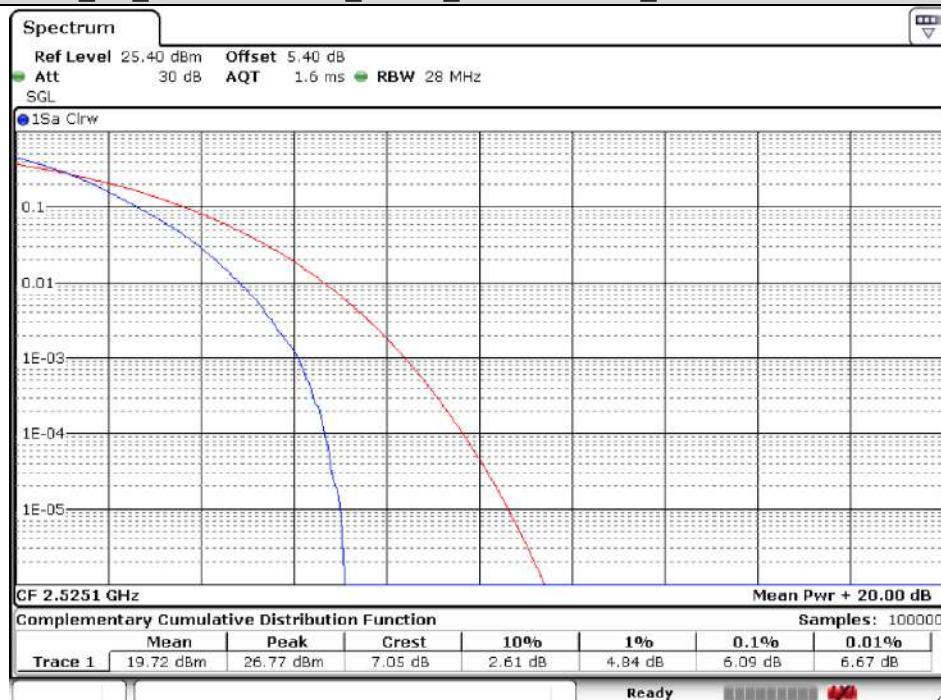
2.1.1 Test Band = LTE Band CA_7C



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

Date: 15.DEC.2020 10:58:12

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

Date: 15.DEC.2020 11:01:17

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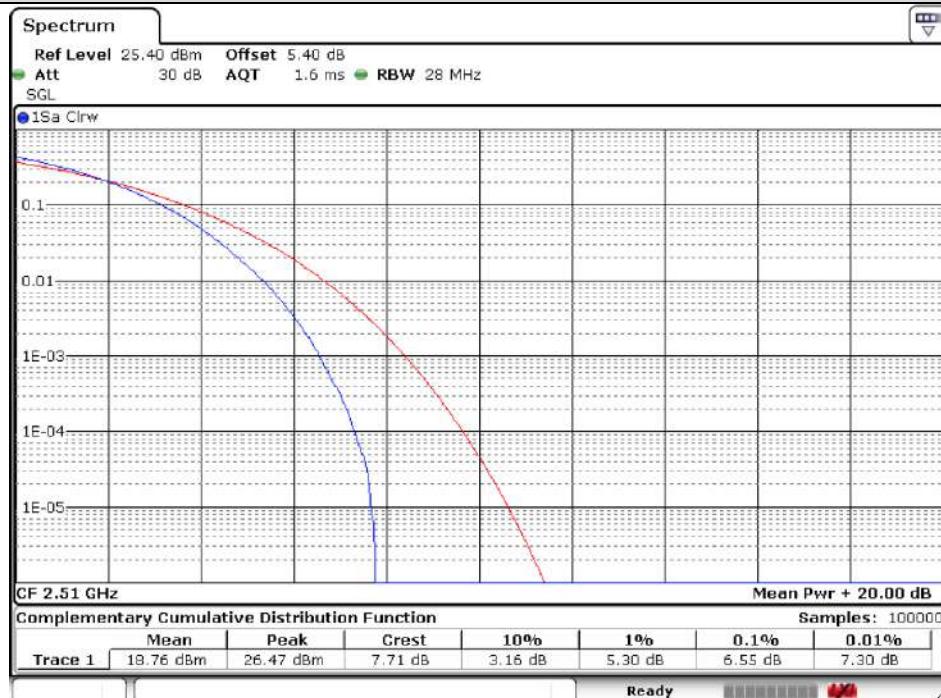


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CA_7C_100RB+100RB_16QAM_21048+20850_100RB#0+100RB#0



Date: 15.DEC.2020 10:55:21

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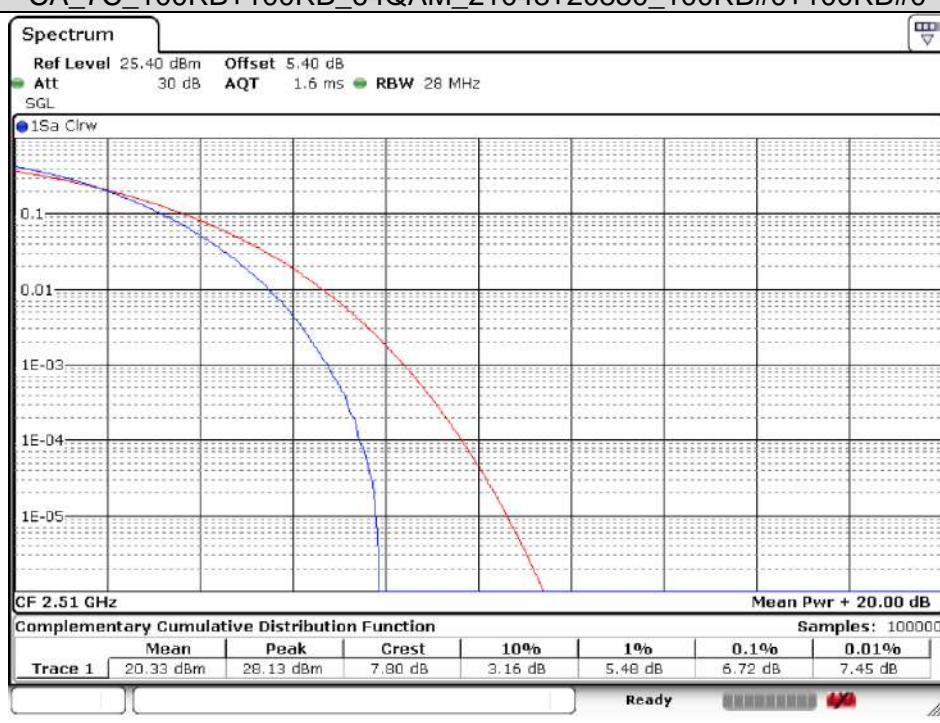
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CA_7C_100RB+100RB_16QAM_21350+21152_100RB#0+100RB#0**CA_7C_100RB+100RB_64QAM_21048+20850_100RB#0+100RB#0**

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CA_7C_100RB+100RB_64QAM_21199+21001_100RB#0+100RB#0**CA_7C_100RB+100RB_64QAM_21350+21152_100RB#0+100RB#0**

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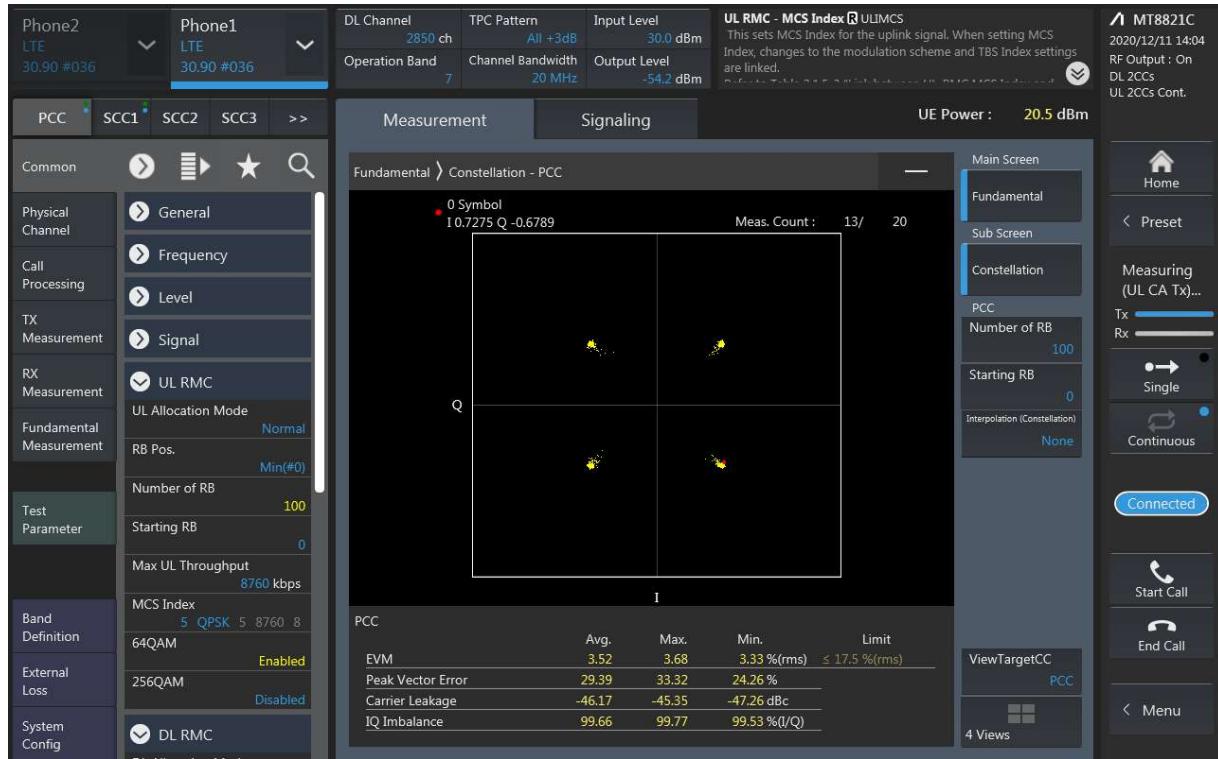
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_7C

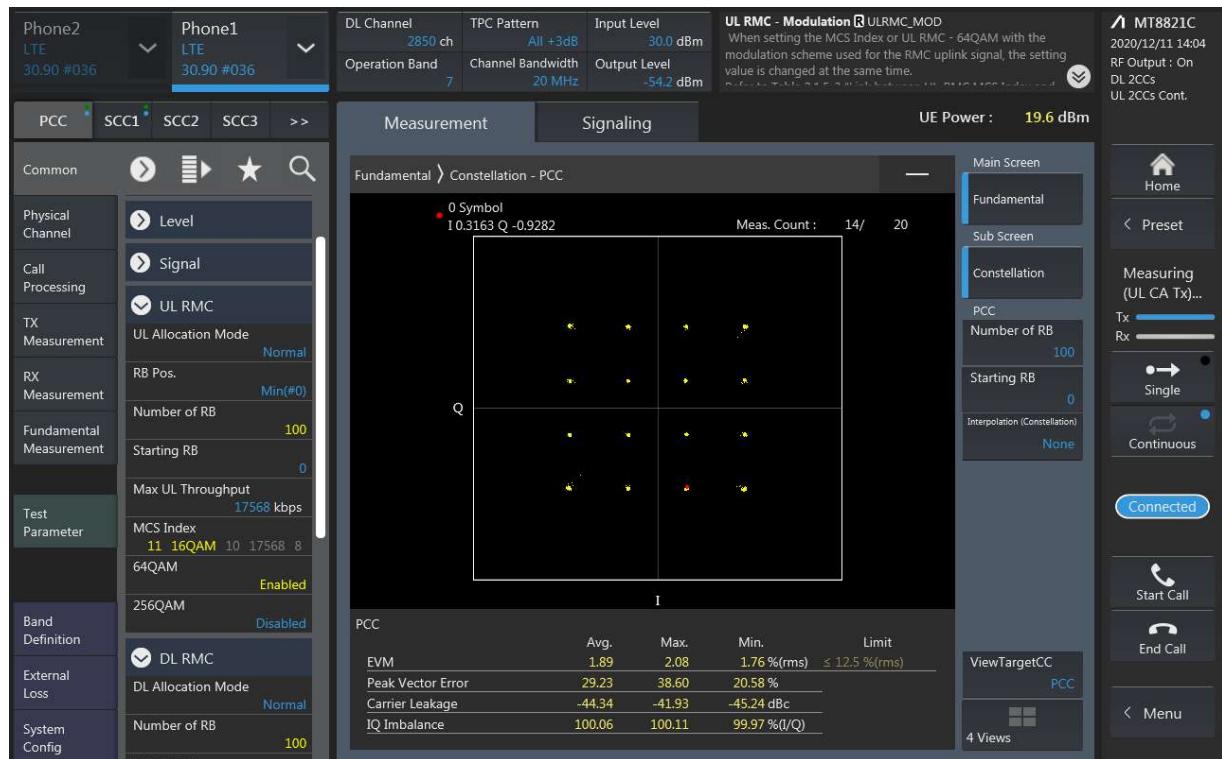
3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

3.1.1.1.1 Test Channel = 20850+20994



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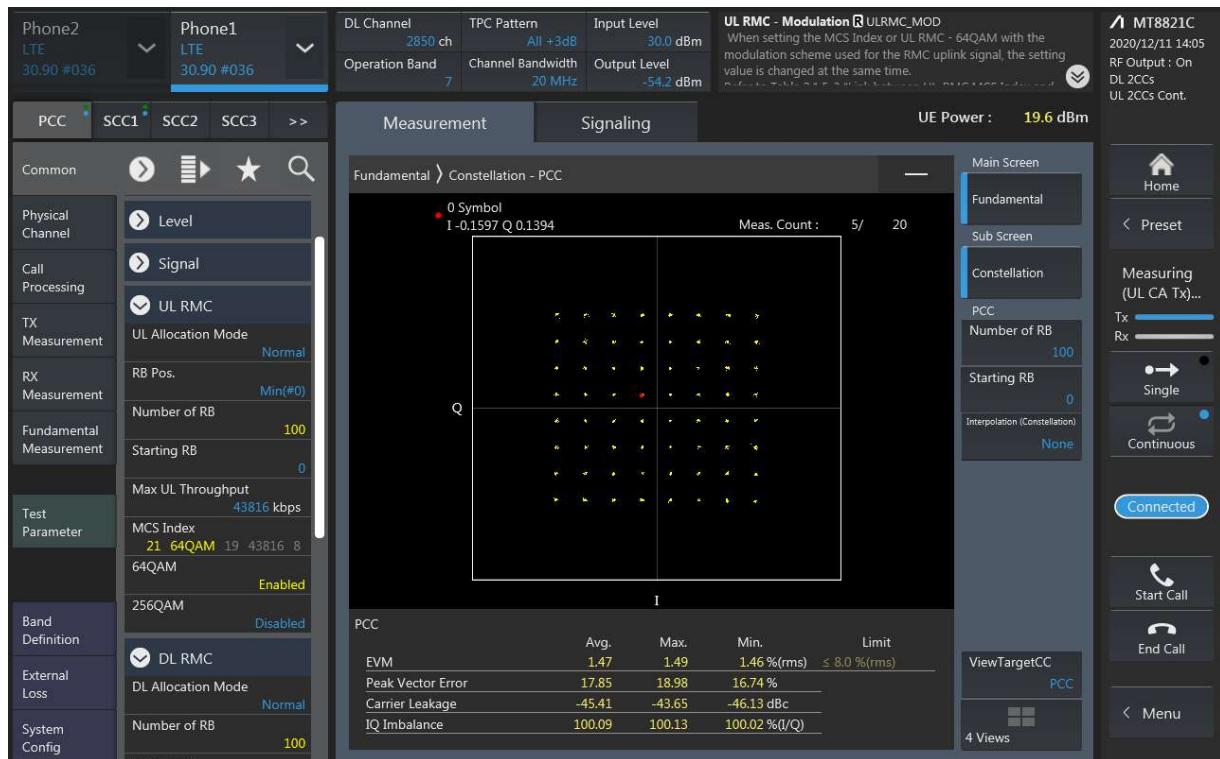
3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB**3.1.1.2.1 Test Channel =20850+20994**

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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	27.7	28.54	PASS
CA_7C	50RB+100RB	16QAM	20805+20949	50RB#0+100RB#0	27.55	28.57	PASS
CA_7C	50RB+100RB	64QAM	20805+20949	50RB#0+100RB#0	27.53	28.57	PASS
CA_7C	50RB+100RB	QPSK	21006+21150	50RB#0+100RB#0	27.71	28.55	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	27.59	28.60	PASS
CA_7C	50RB+100RB	QPSK	21206+21350	50RB#0+100RB#0	27.61	28.60	PASS
CA_7C	50RB+100RB	16QAM	21206+21350	50RB#0+100RB#0	27.53	28.52	PASS
CA_7C	50RB+100RB	64QAM	21206+21350	50RB#0+100RB#0	27.56	28.60	PASS
CA_7C	75RB+50RB	QPSK	20825+20945	75RB#0+50RB#0	23.34	24.27	PASS
CA_7C	75RB+50RB	16QAM	20825+20945	75RB#0+50RB#0	23.09	24.34	PASS
CA_7C	75RB+50RB	64QAM	20825+20945	75RB#0+50RB#0	22.99	24.33	PASS
CA_7C	75RB+50RB	QPSK	21051+21171	75RB#0+50RB#0	23.31	24.39	PASS
CA_7C	75RB+50RB	16QAM	21051+21171	75RB#0+50RB#0	23.18	24.38	PASS
CA_7C	75RB+50RB	64QAM	21051+21171	75RB#0+50RB#0	23.17	24.42	PASS
CA_7C	75RB+50RB	QPSK	21277+21397	75RB#0+50RB#0	23.26	24.41	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	23.06	24.39	PASS
CA_7C	75RB+75RB	QPSK	20825+20975	75RB#0+75RB#0	28.3	29.21	PASS
CA_7C	75RB+75RB	16QAM	20825+20975	75RB#0+75RB#0	28.21	29.12	PASS
CA_7C	75RB+75RB	64QAM	20825+20975	75RB#0+75RB#0	28.24	29.20	PASS
CA_7C	75RB+75RB	QPSK	21025+21175	75RB#0+75RB#0	28.36	29.17	PASS
CA_7C	75RB+75RB	16QAM	21025+21175	75RB#0+75RB#0	28.24	29.14	PASS
CA_7C	75RB+75RB	64QAM	21025+21175	75RB#0+75RB#0	28.24	29.17	PASS
CA_7C	75RB+75RB	QPSK	21225+21375	75RB#0+75RB#0	28.24	29.17	PASS
CA_7C	75RB+75RB	16QAM	21225+21375	75RB#0+75RB#0	28.19	29.20	PASS
CA_7C	75RB+75RB	64QAM	21225+21375	75RB#0+75RB#0	28.19	29.18	PASS
CA_7C	75RB+100RB	QPSK	20828+20999	75RB#0+100RB#0	32.67	33.89	PASS
CA_7C	75RB+100RB	16QAM	20828+20999	75RB#0+100RB#0	32.49	33.89	PASS
CA_7C	75RB+100RB	64QAM	20828+20999	75RB#0+100RB#0	32.45	33.85	PASS
CA_7C	75RB+100RB	QPSK	21003+21174	75RB#0+100RB#0	32.73	33.97	PASS
CA_7C	75RB+100RB	16QAM	21003+21174	75RB#0+100RB#0	32.45	34.01	PASS
CA_7C	75RB+100RB	64QAM	21003+21174	75RB#0+100RB#0	32.63	33.89	PASS

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CA_7C	75RB+100RB	QPSK	21179+21350	75RB#0+100RB#0	32.63	33.95	PASS
CA_7C	75RB+100RB	16QAM	21179+21350	75RB#0+100RB#0	32.55	33.95	PASS
CA_7C	75RB+100RB	64QAM	21179+21350	75RB#0+100RB#0	32.53	33.89	PASS
CA_7C	100RB+50RB	QPSK	20850+20994	100RB#0+50RB#0	27.56	29.11	PASS
CA_7C	100RB+50RB	16QAM	20850+20994	100RB#0+50RB#0	27.7	29.06	PASS
CA_7C	100RB+50RB	64QAM	20850+20994	100RB#0+50RB#0	27.68	29.08	PASS
CA_7C	100RB+50RB	QPSK	21051+21195	100RB#0+50RB#0	27.74	29.14	PASS
CA_7C	100RB+50RB	16QAM	21051+21195	100RB#0+50RB#0	27.67	29.05	PASS
CA_7C	100RB+50RB	64QAM	21051+21195	100RB#0+50RB#0	27.79	29.00	PASS
CA_7C	100RB+50RB	QPSK	21251+21395	100RB#0+50RB#0	27.55	29.08	PASS
CA_7C	100RB+50RB	16QAM	21251+21395	100RB#0+50RB#0	27.49	29.02	PASS
CA_7C	100RB+50RB	64QAM	21251+21395	100RB#0+50RB#0	27.73	29.02	PASS
CA_7C	100RB+75RB	QPSK	20850+21021	100RB#0+75RB#0	32.55	33.93	PASS
CA_7C	100RB+75RB	16QAM	20850+21021	100RB#0+75RB#0	32.67	33.97	PASS
CA_7C	100RB+75RB	64QAM	20850+21021	100RB#0+75RB#0	32.55	33.97	PASS
CA_7C	100RB+75RB	QPSK	21026+21197	100RB#0+75RB#0	32.75	33.95	PASS
CA_7C	100RB+75RB	16QAM	21026+21197	100RB#0+75RB#0	32.63	34.01	PASS
CA_7C	100RB+75RB	64QAM	21026+21197	100RB#0+75RB#0	32.57	33.93	PASS
CA_7C	100RB+75RB	QPSK	21201+21372	100RB#0+75RB#0	32.69	33.89	PASS
CA_7C	100RB+75RB	16QAM	21201+21372	100RB#0+75RB#0	32.55	33.95	PASS
CA_7C	100RB+75RB	64QAM	21201+21372	100RB#0+75RB#0	32.53	33.97	PASS
CA_7C	100RB+100RB	QPSK	20850+21048	100RB#0+100RB#0	37.37	38.91	PASS
CA_7C	100RB+100RB	16QAM	20850+21048	100RB#0+100RB#0	37.37	38.85	PASS
CA_7C	100RB+100RB	64QAM	20850+21048	100RB#0+100RB#0	37.07	38.73	PASS
CA_7C	100RB+100RB	QPSK	21001+21199	100RB#0+100RB#0	37.49	38.95	PASS
CA_7C	100RB+100RB	16QAM	21001+21199	100RB#0+100RB#0	37.49	38.97	PASS
CA_7C	100RB+100RB	64QAM	21001+21199	100RB#0+100RB#0	37.11	38.87	PASS
CA_7C	100RB+100RB	QPSK	21152+21350	100RB#0+100RB#0	36.77	38.85	PASS
CA_7C	100RB+100RB	16QAM	21152+21350	100RB#0+100RB#0	37.05	38.81	PASS
CA_7C	100RB+100RB	64QAM	21152+21350	100RB#0+100RB#0	37.31	38.79	PASS

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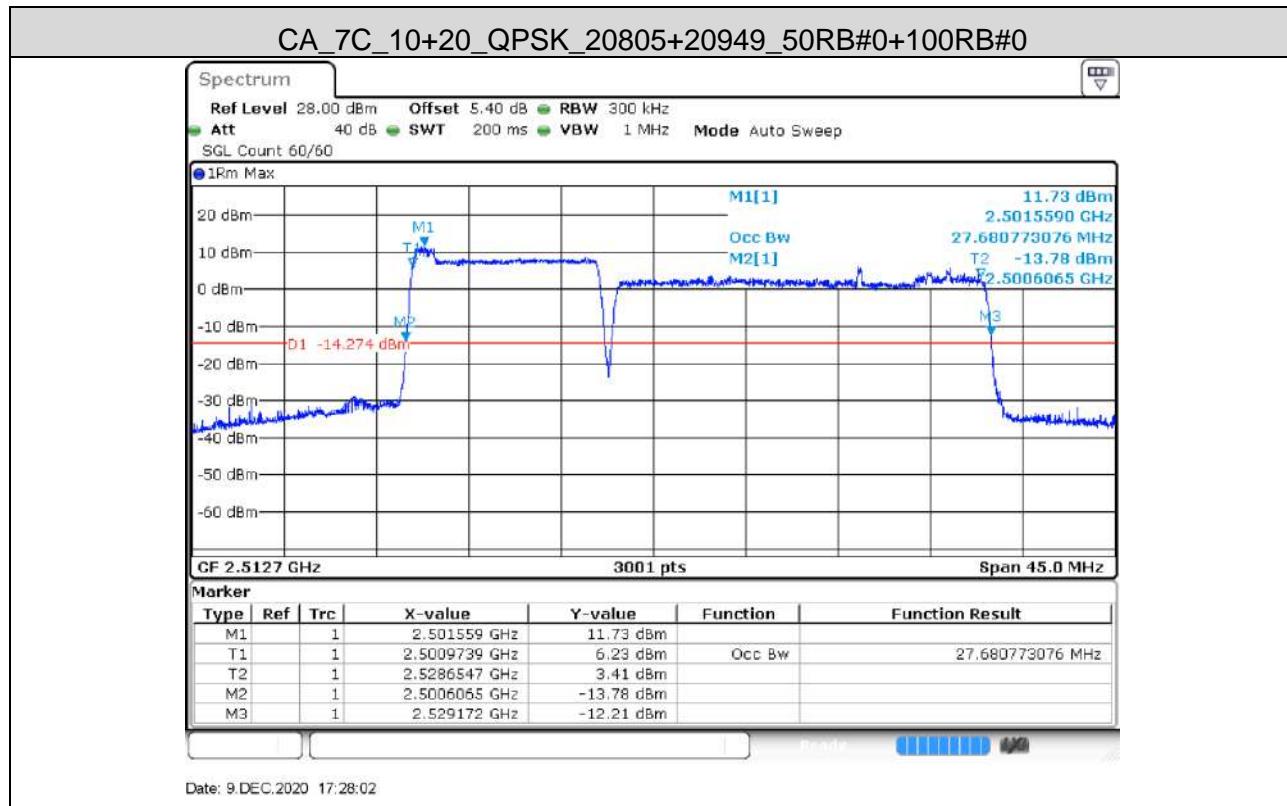
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4.1 For LTE

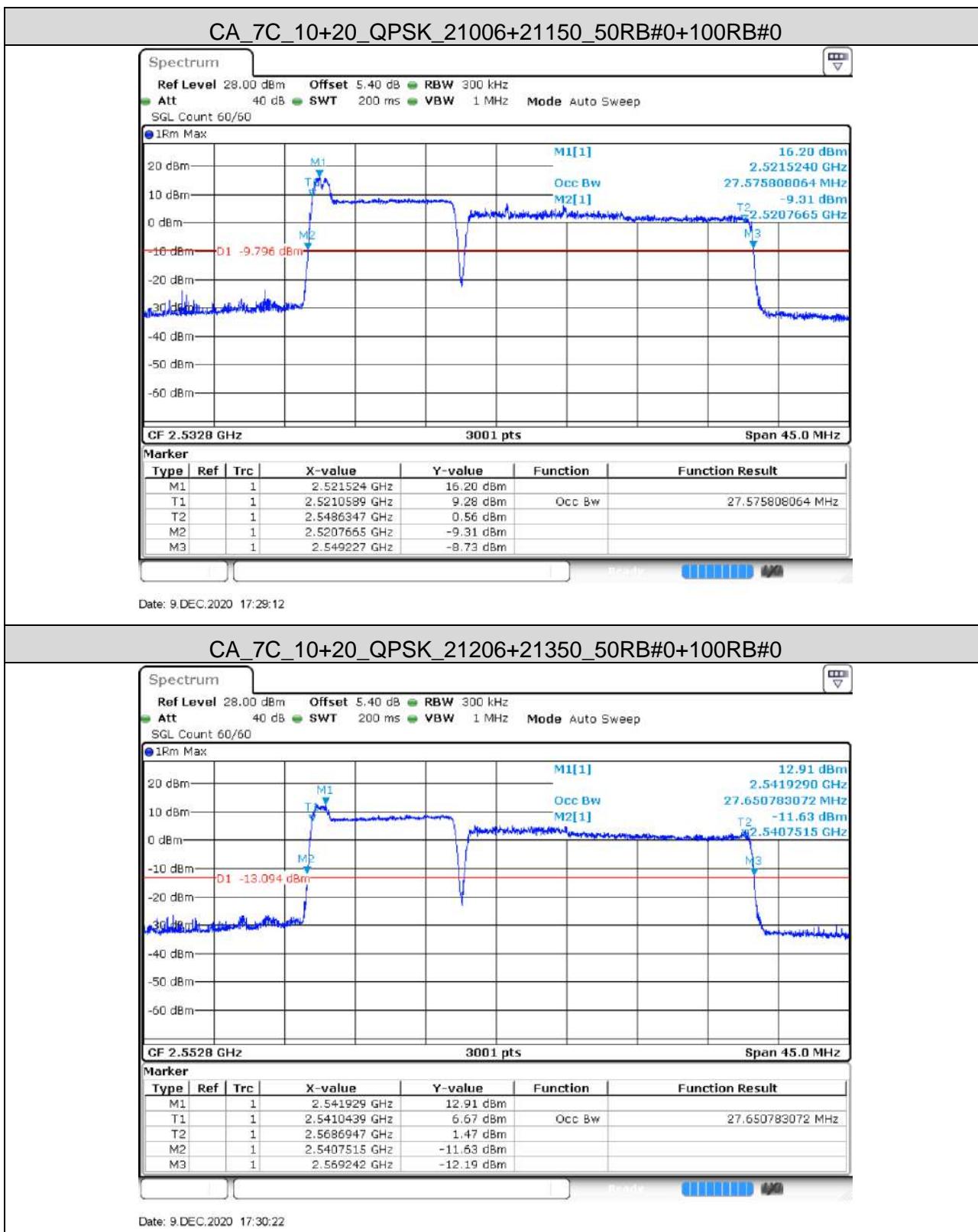
4.1.1 Test Band = LTE Band CA_7C



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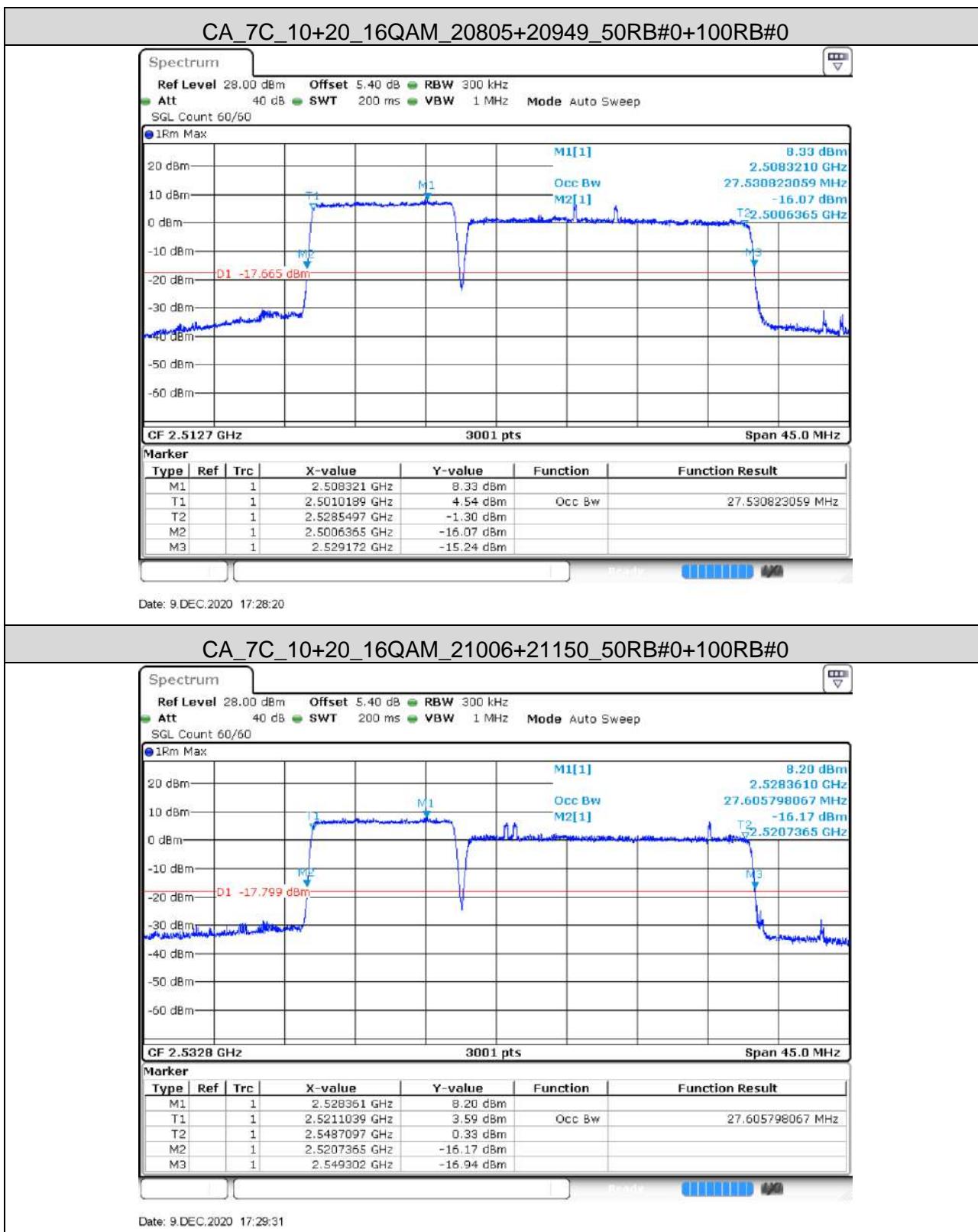


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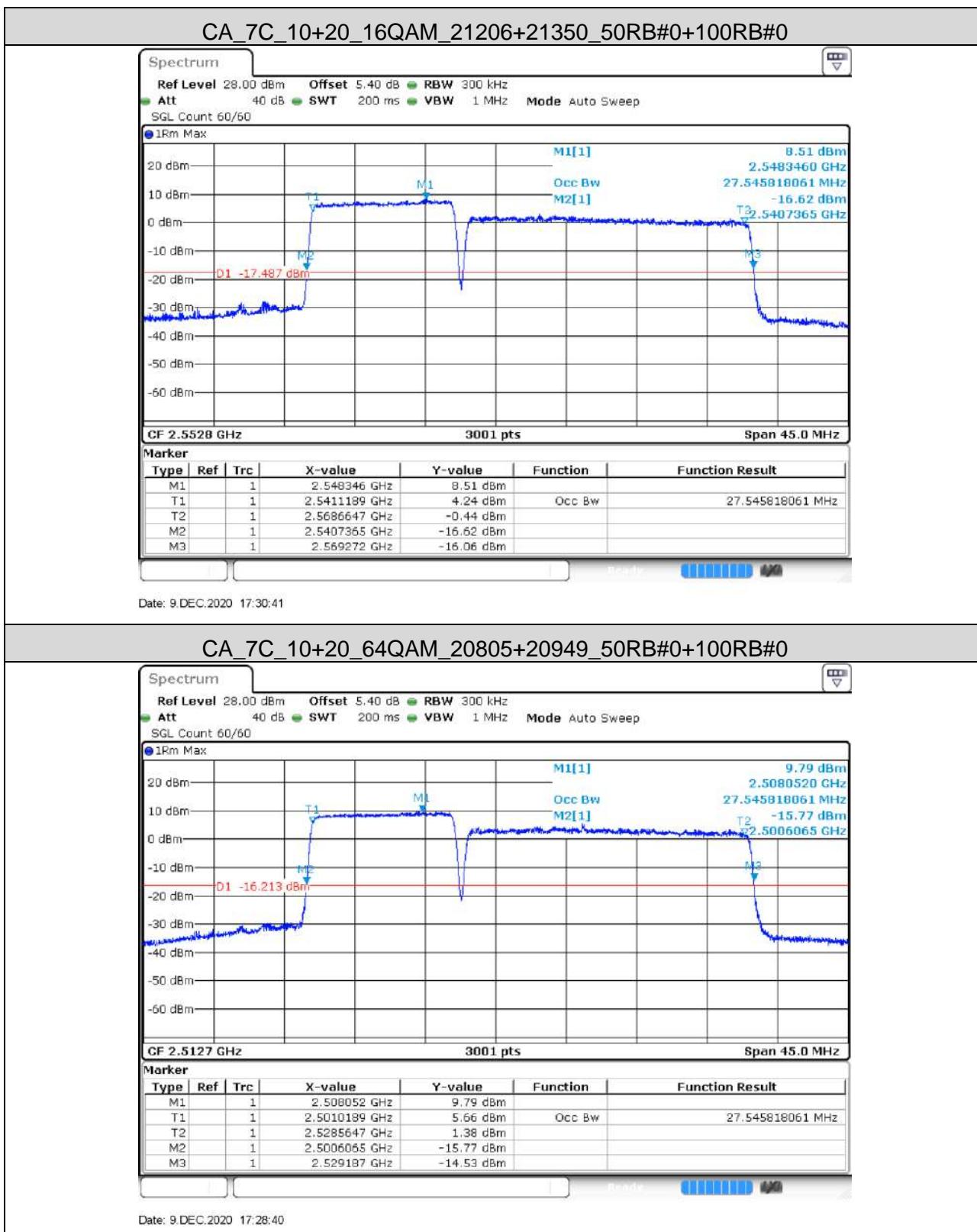


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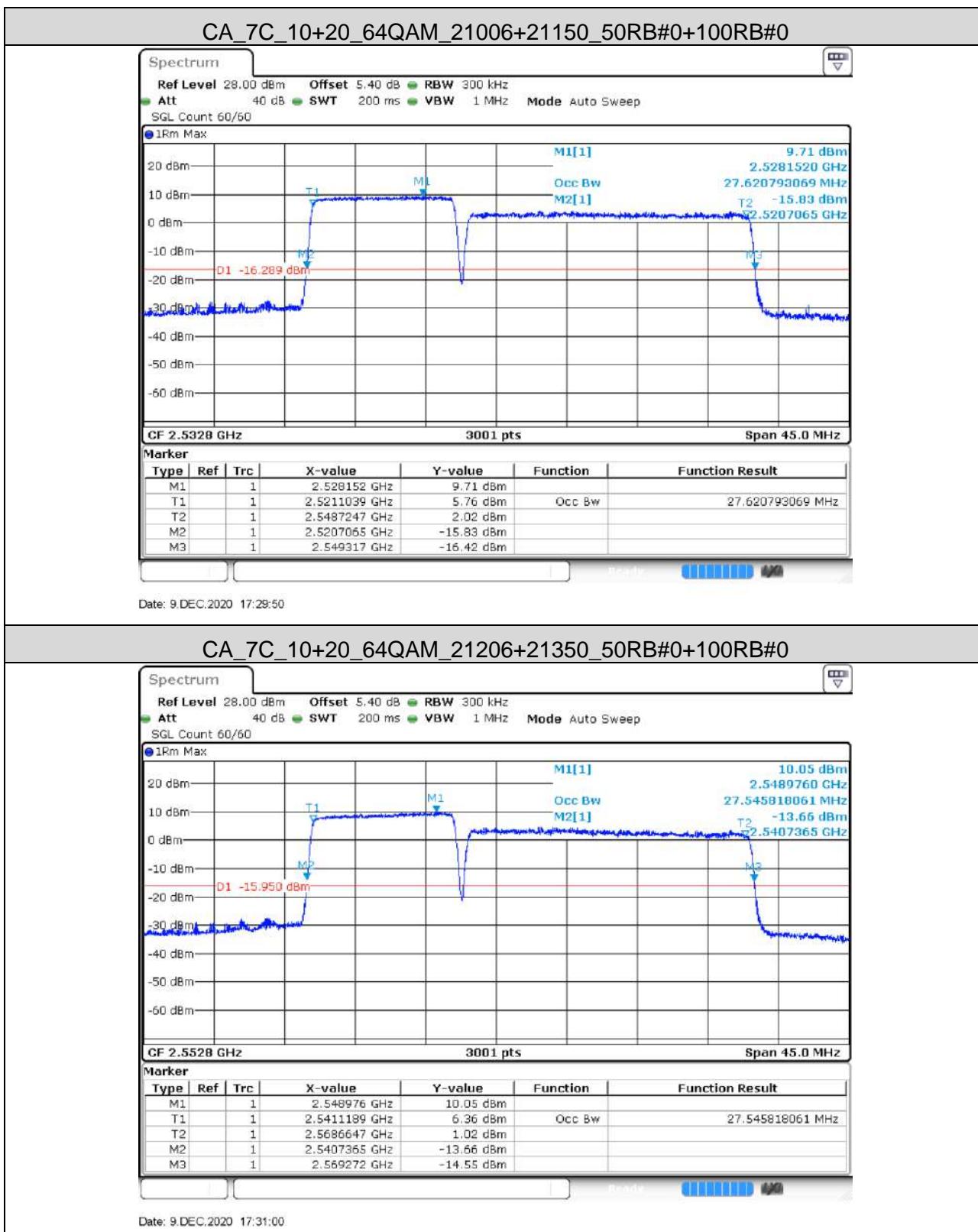
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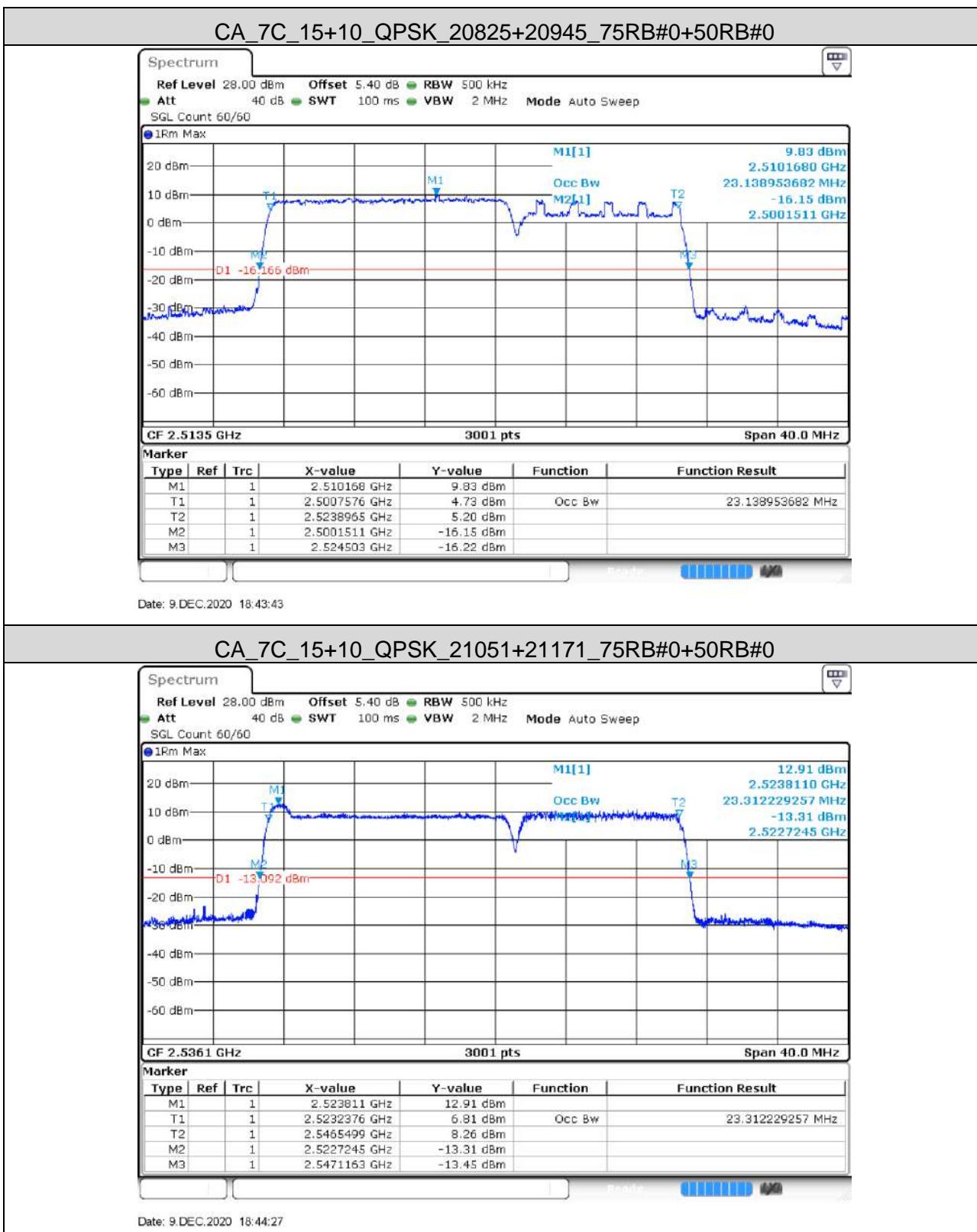


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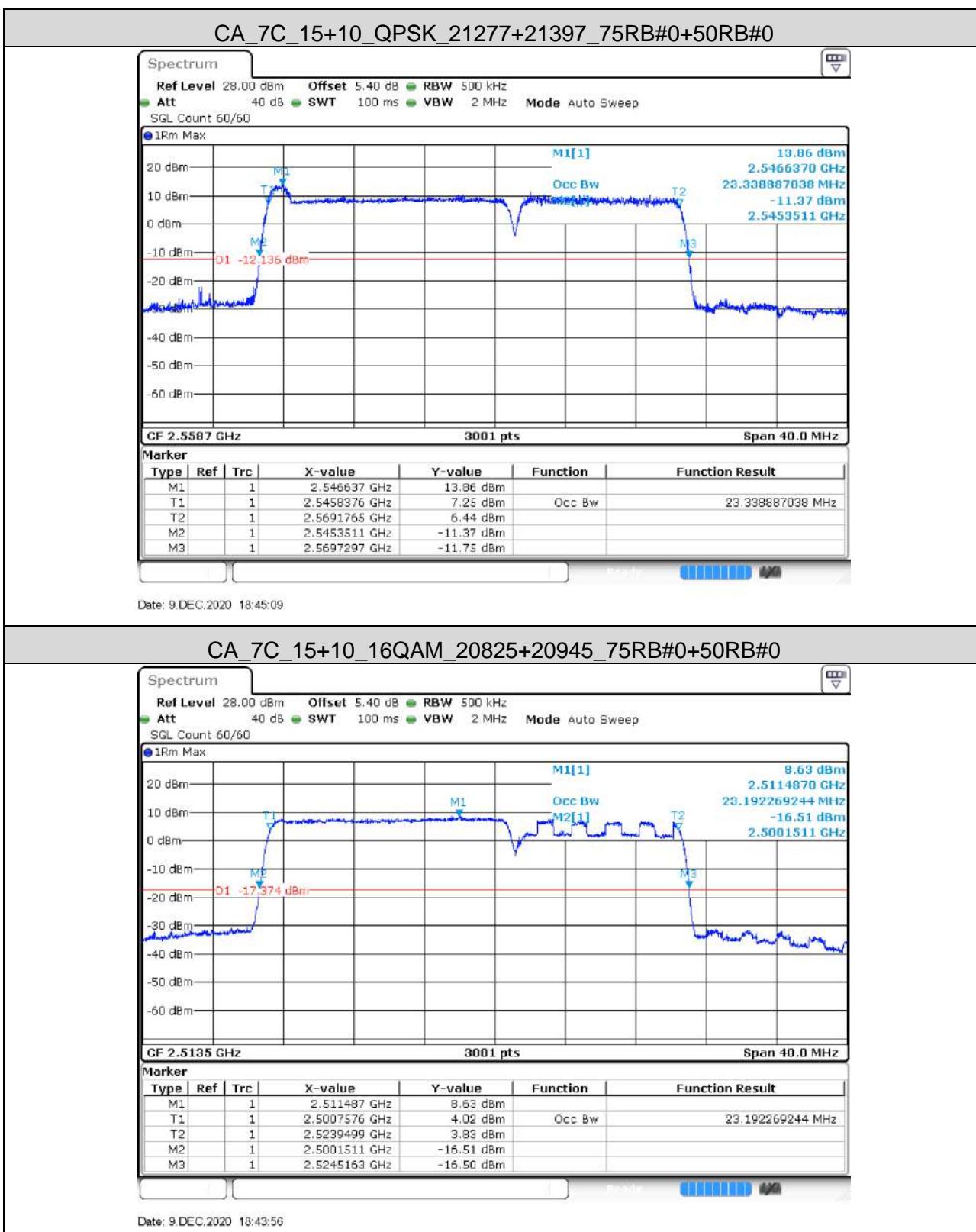


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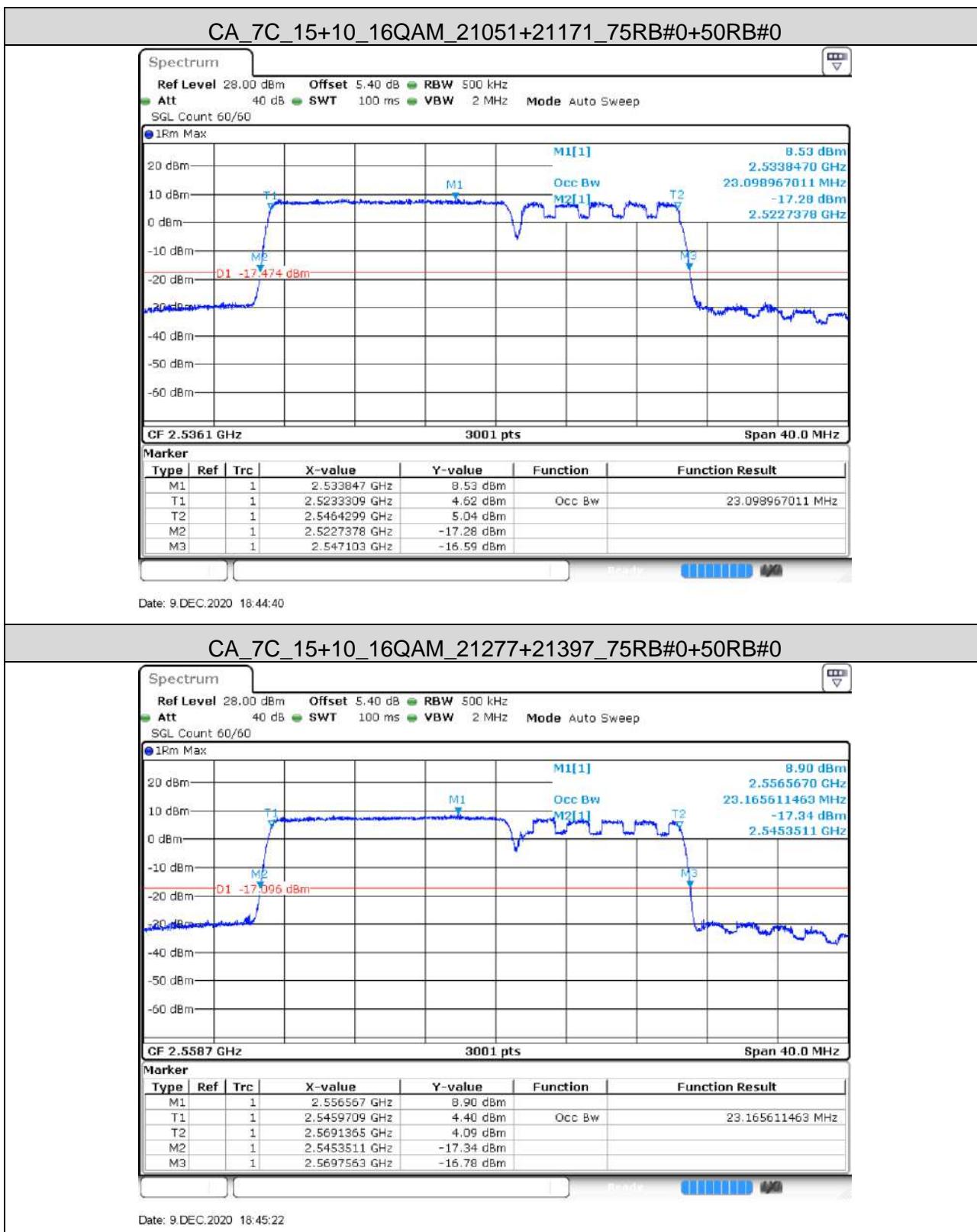


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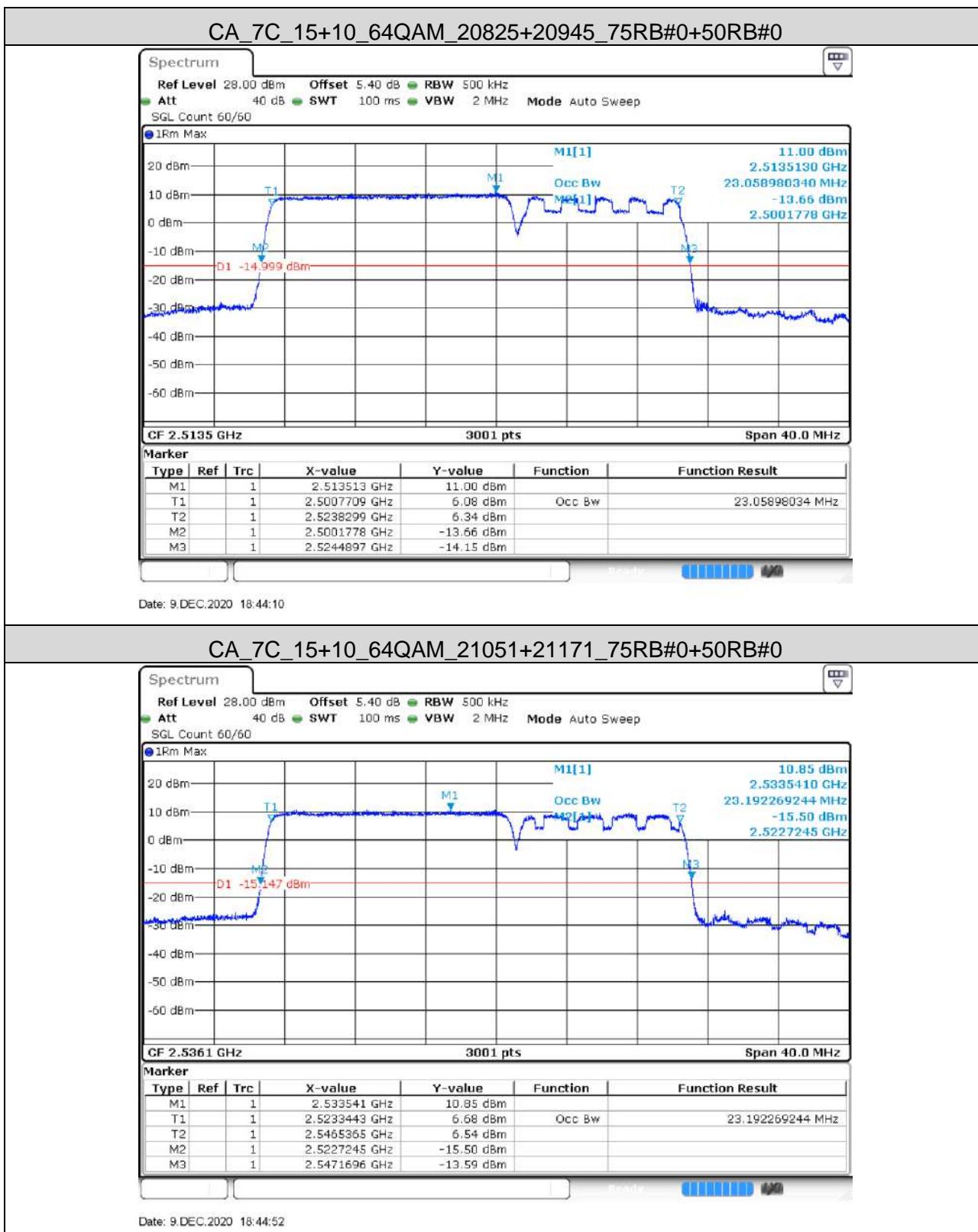


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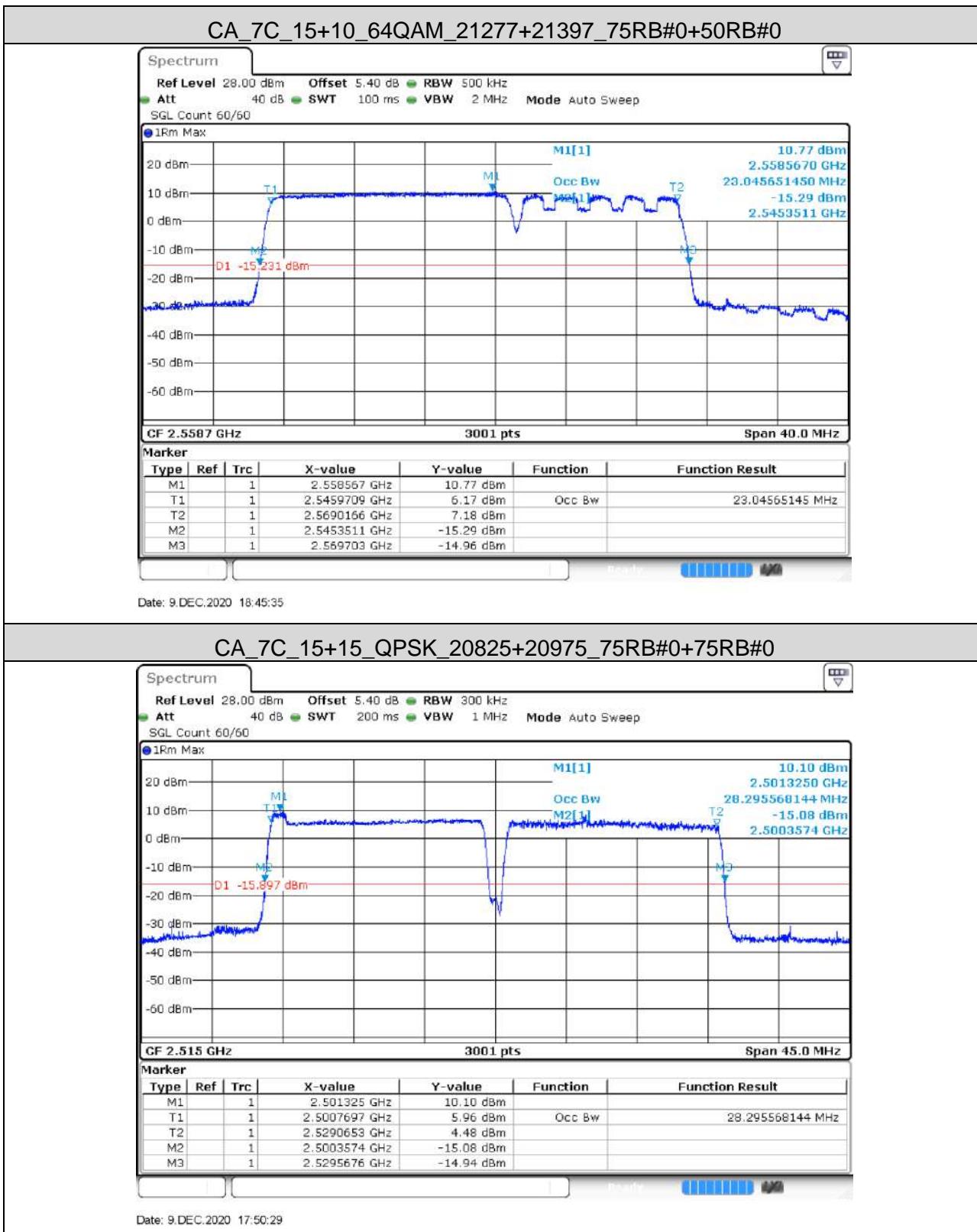


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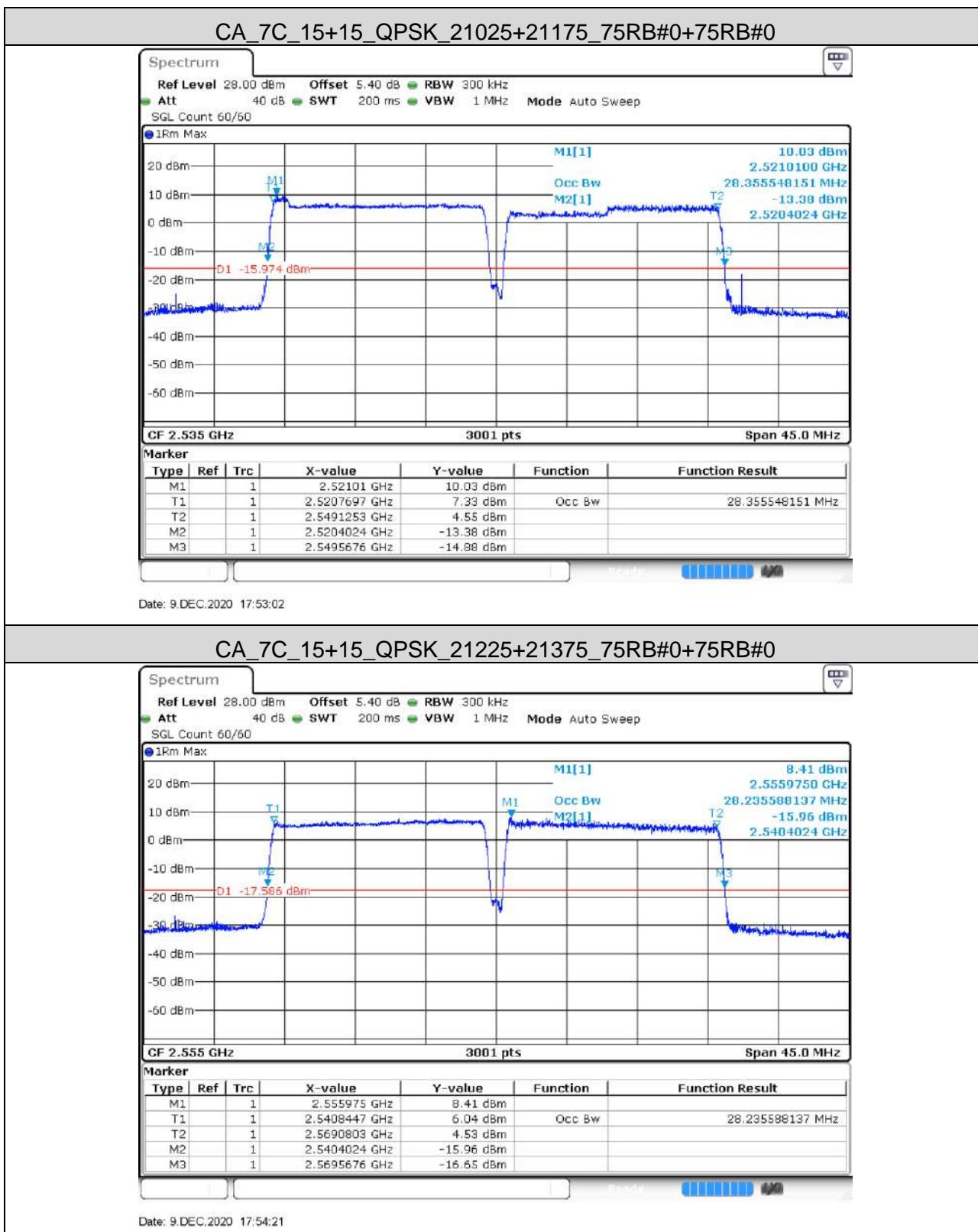
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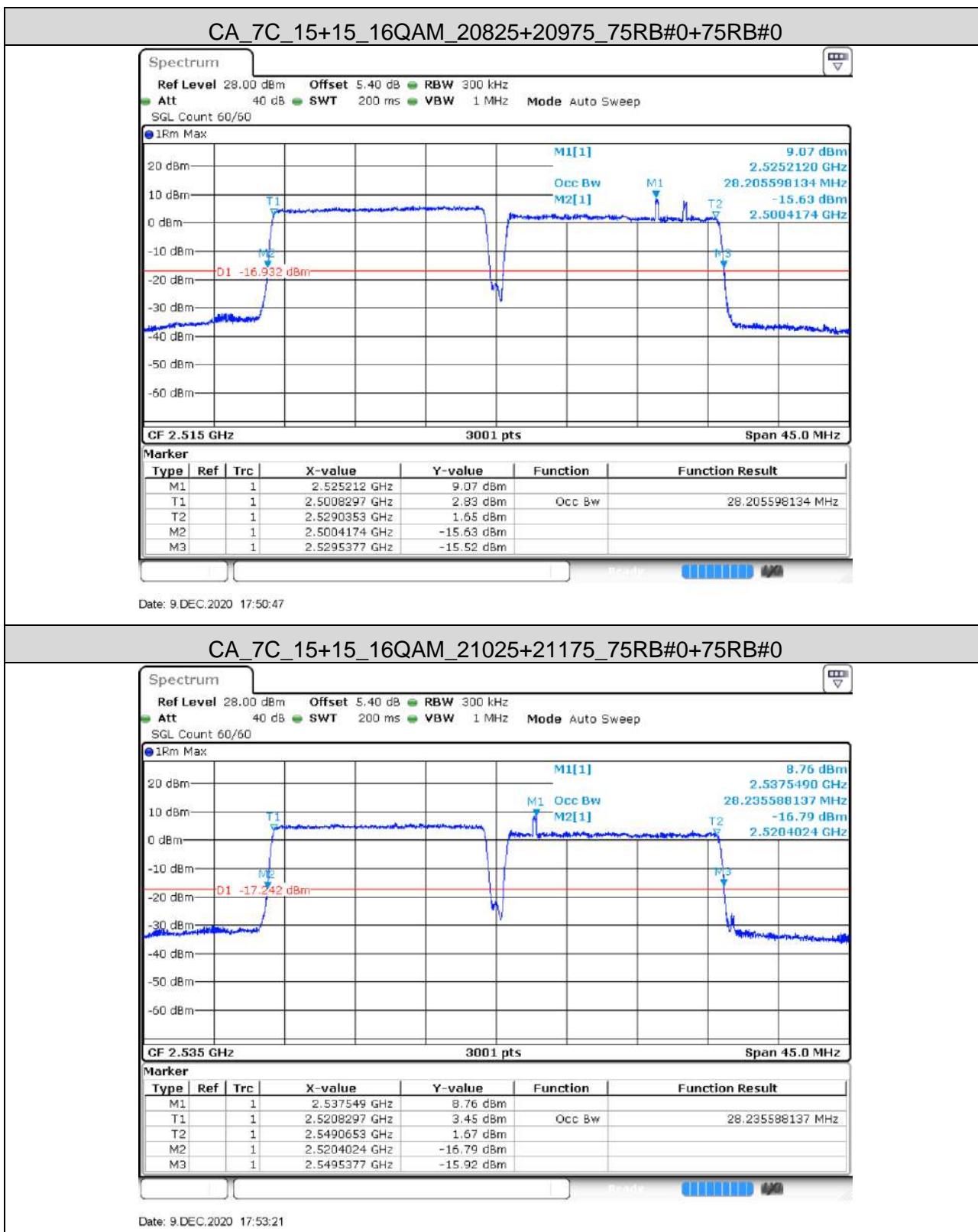




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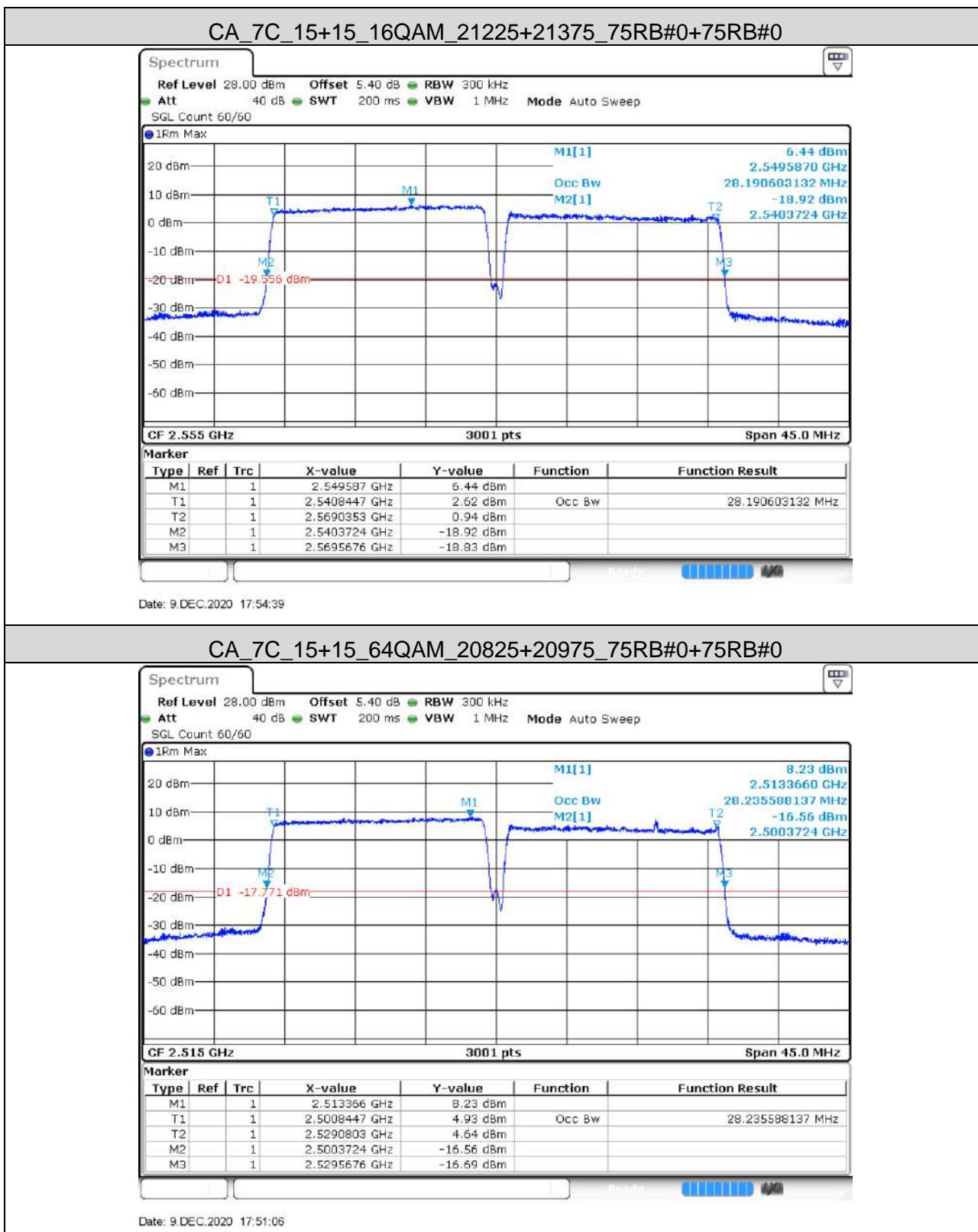




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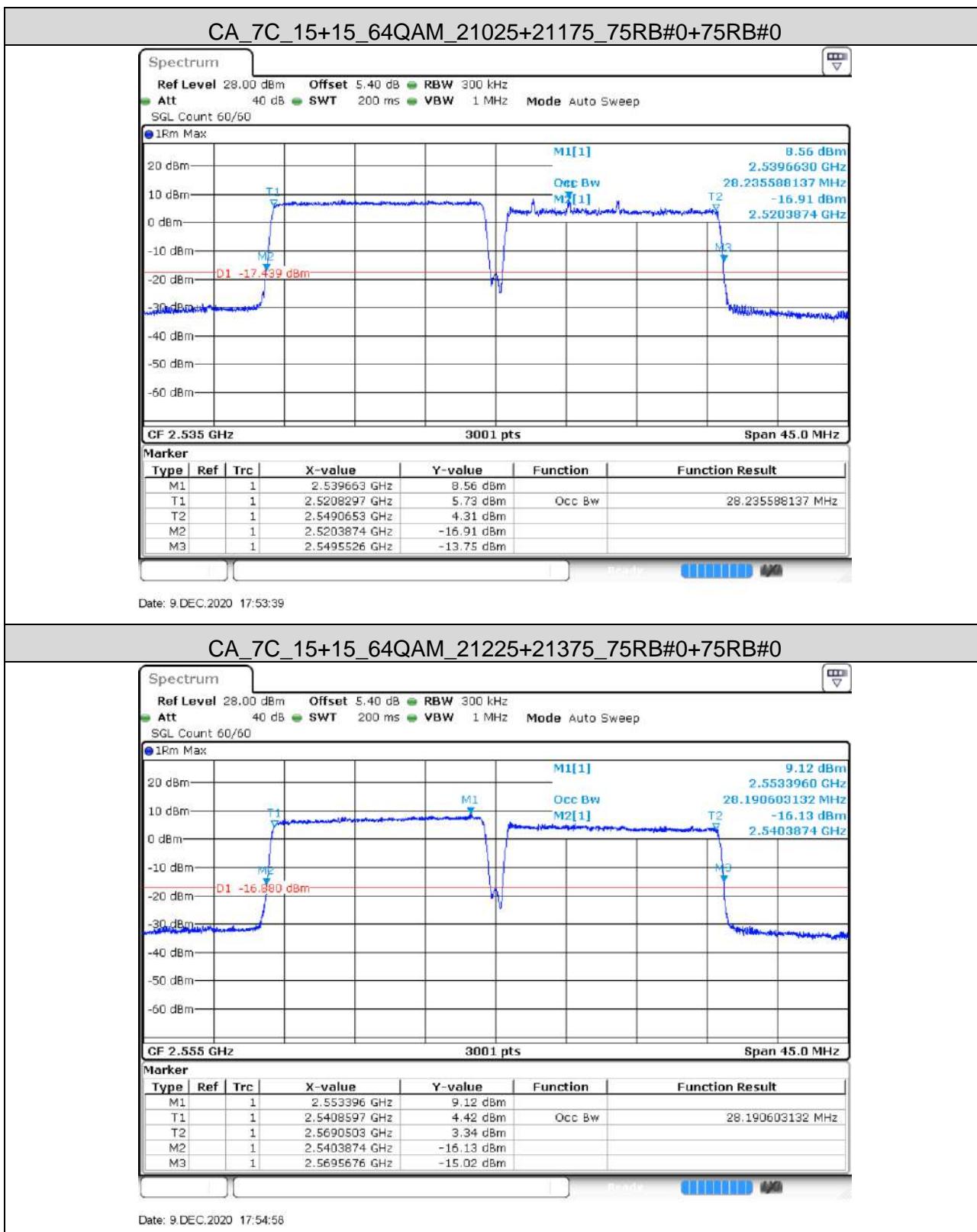




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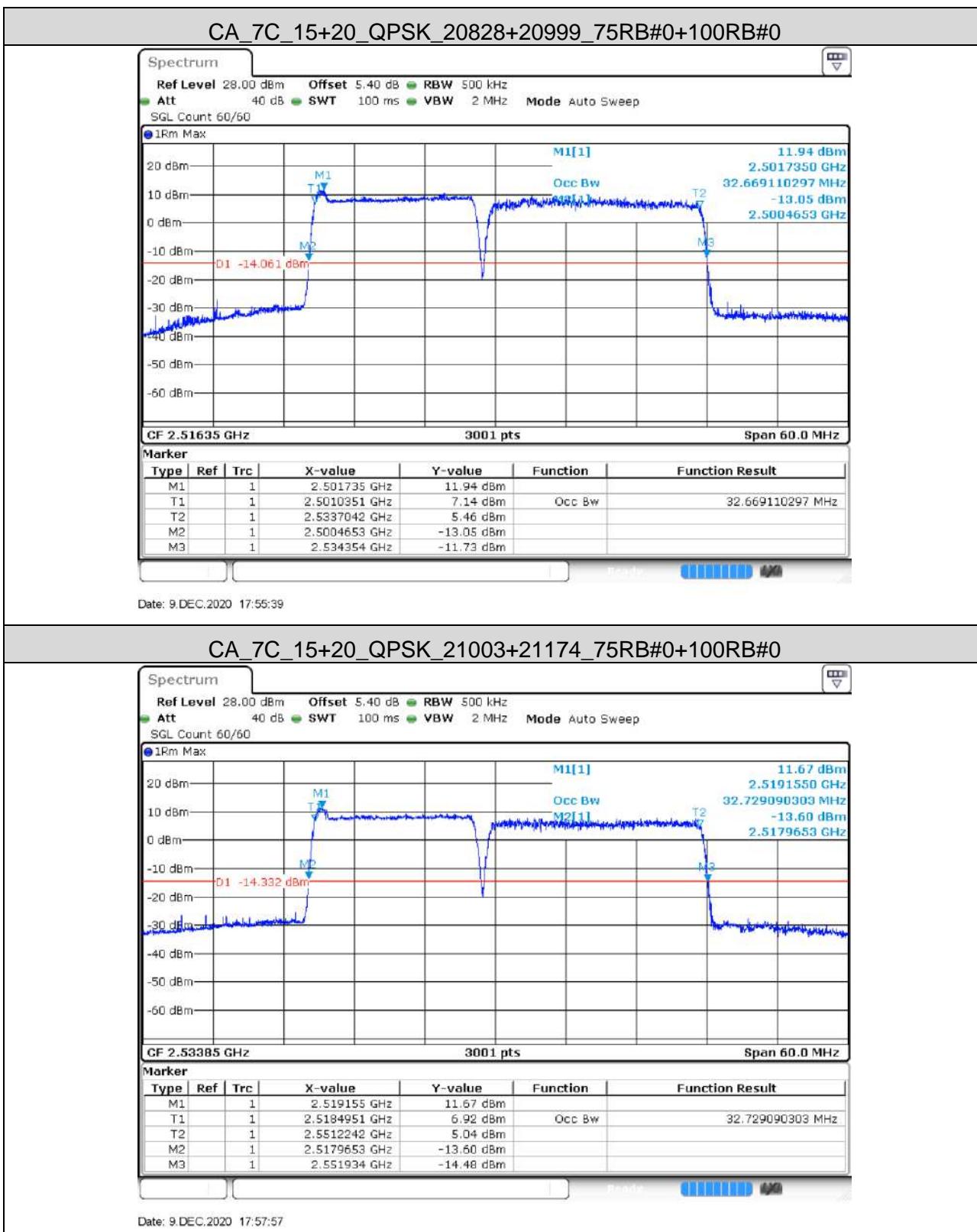


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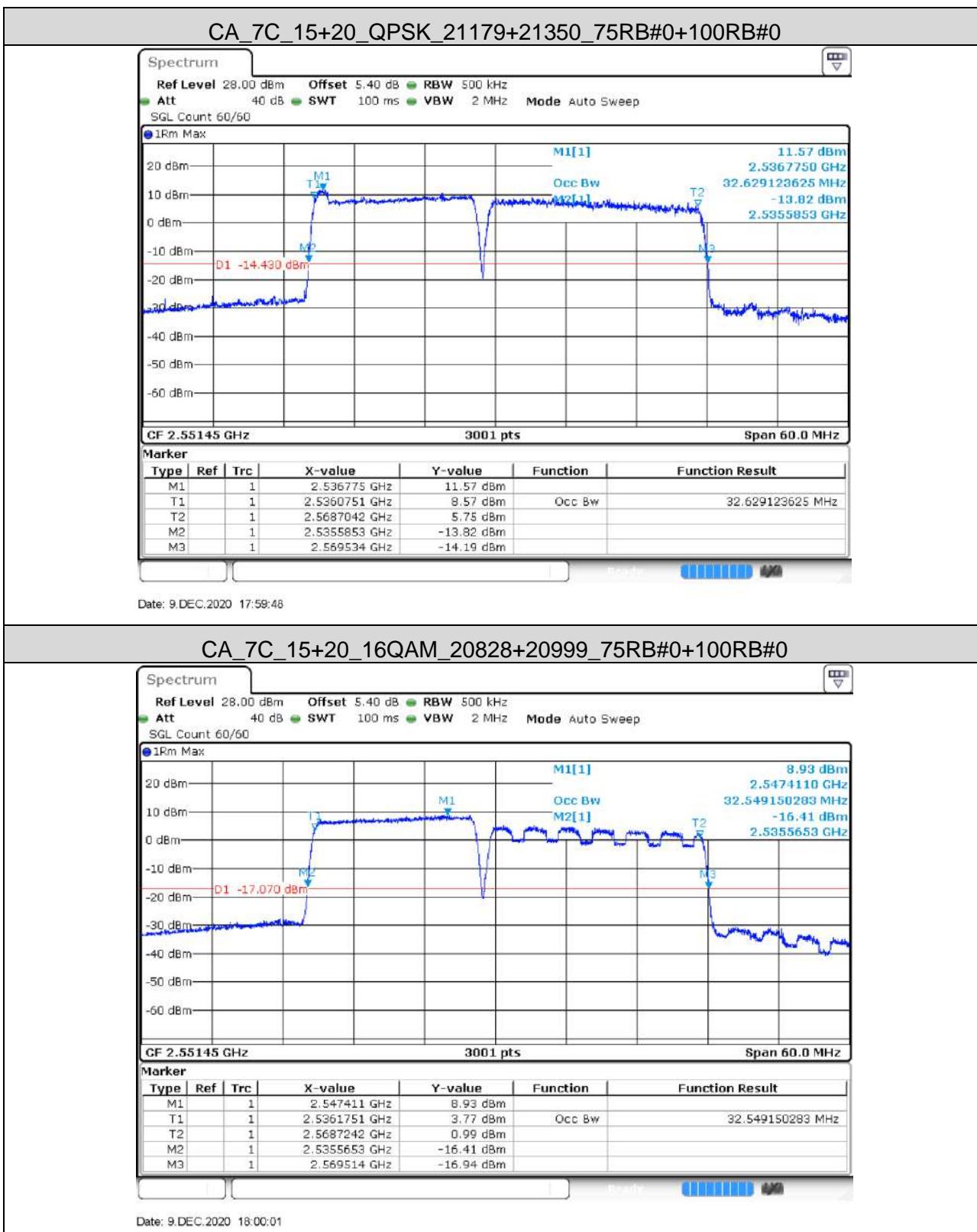


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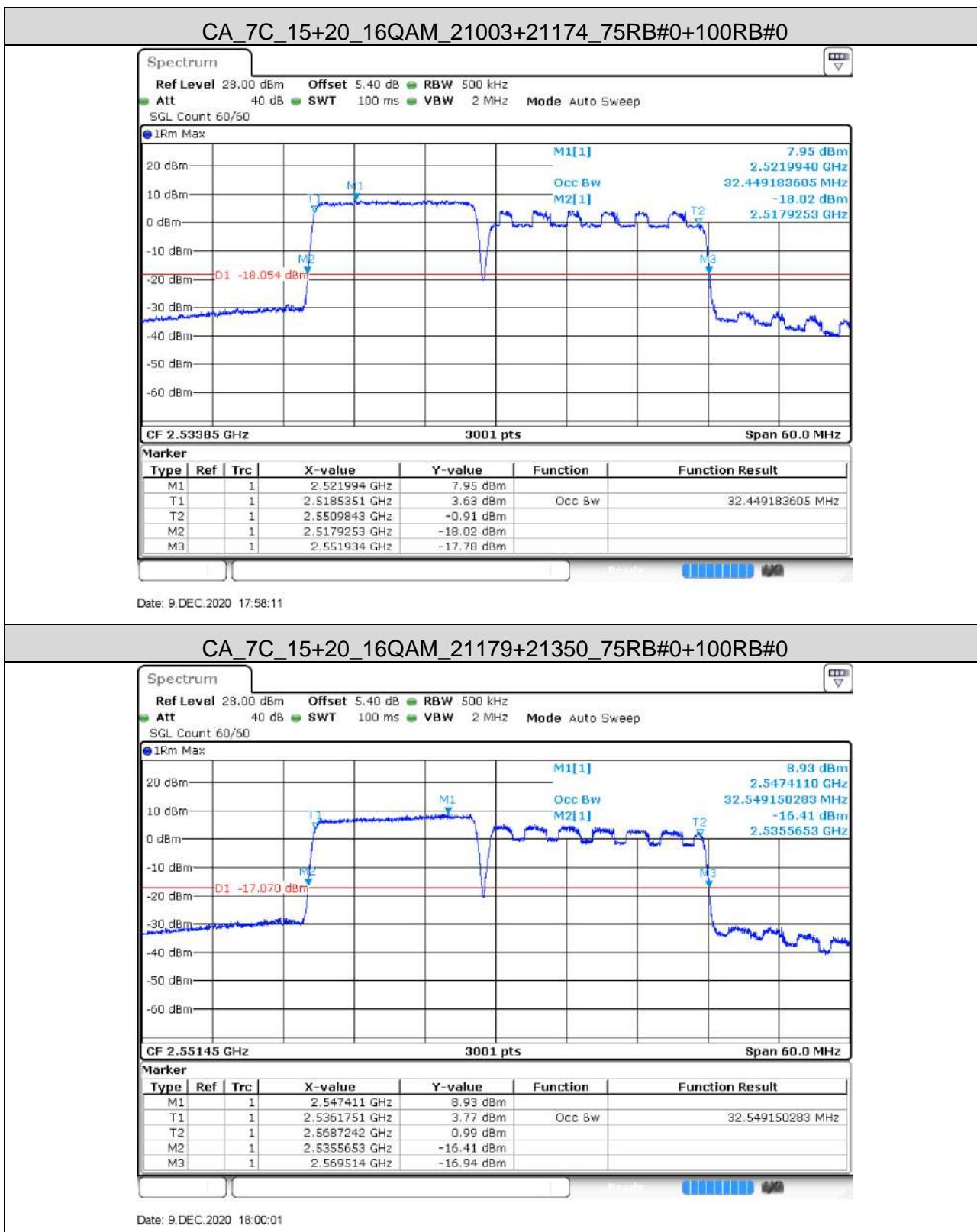


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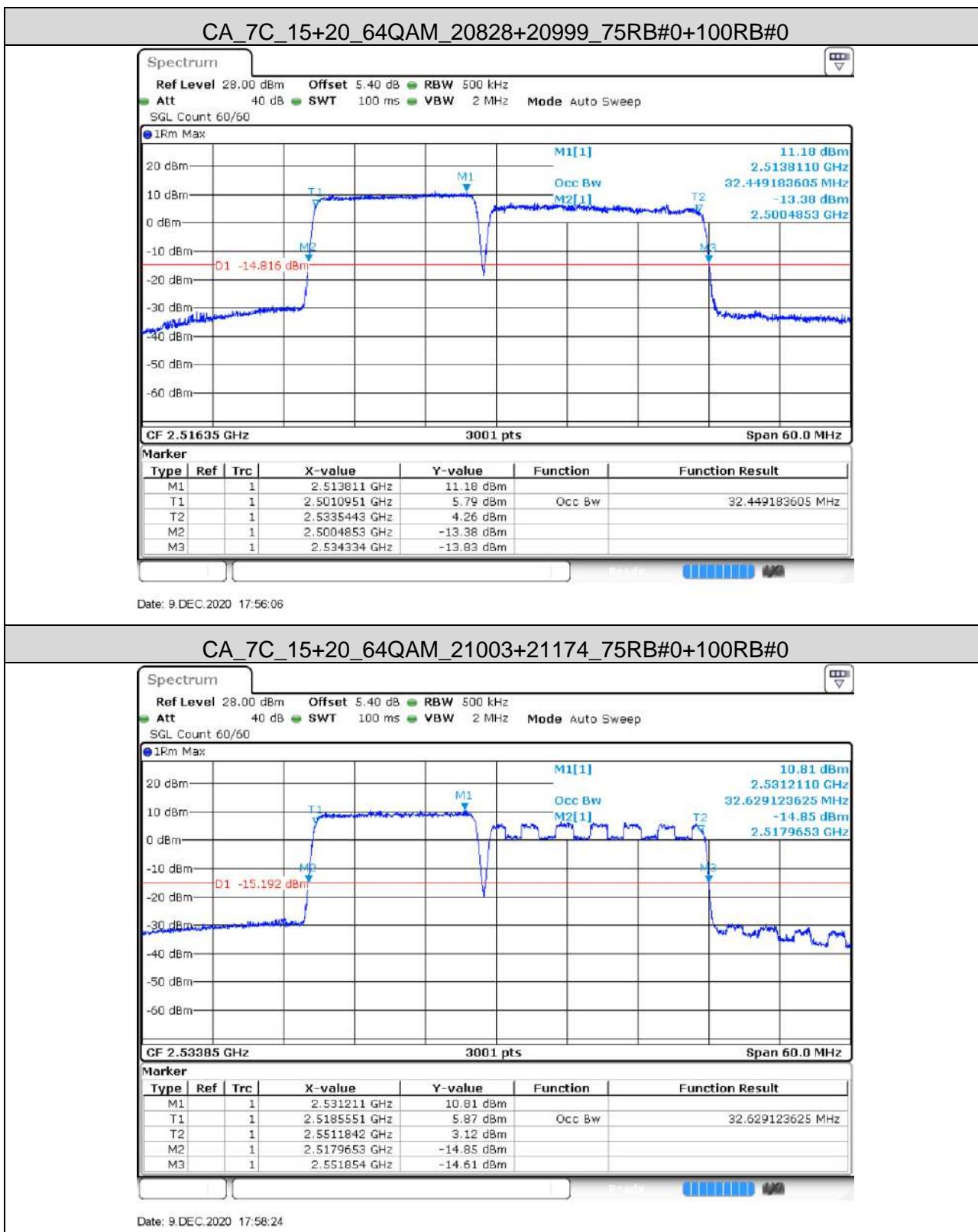


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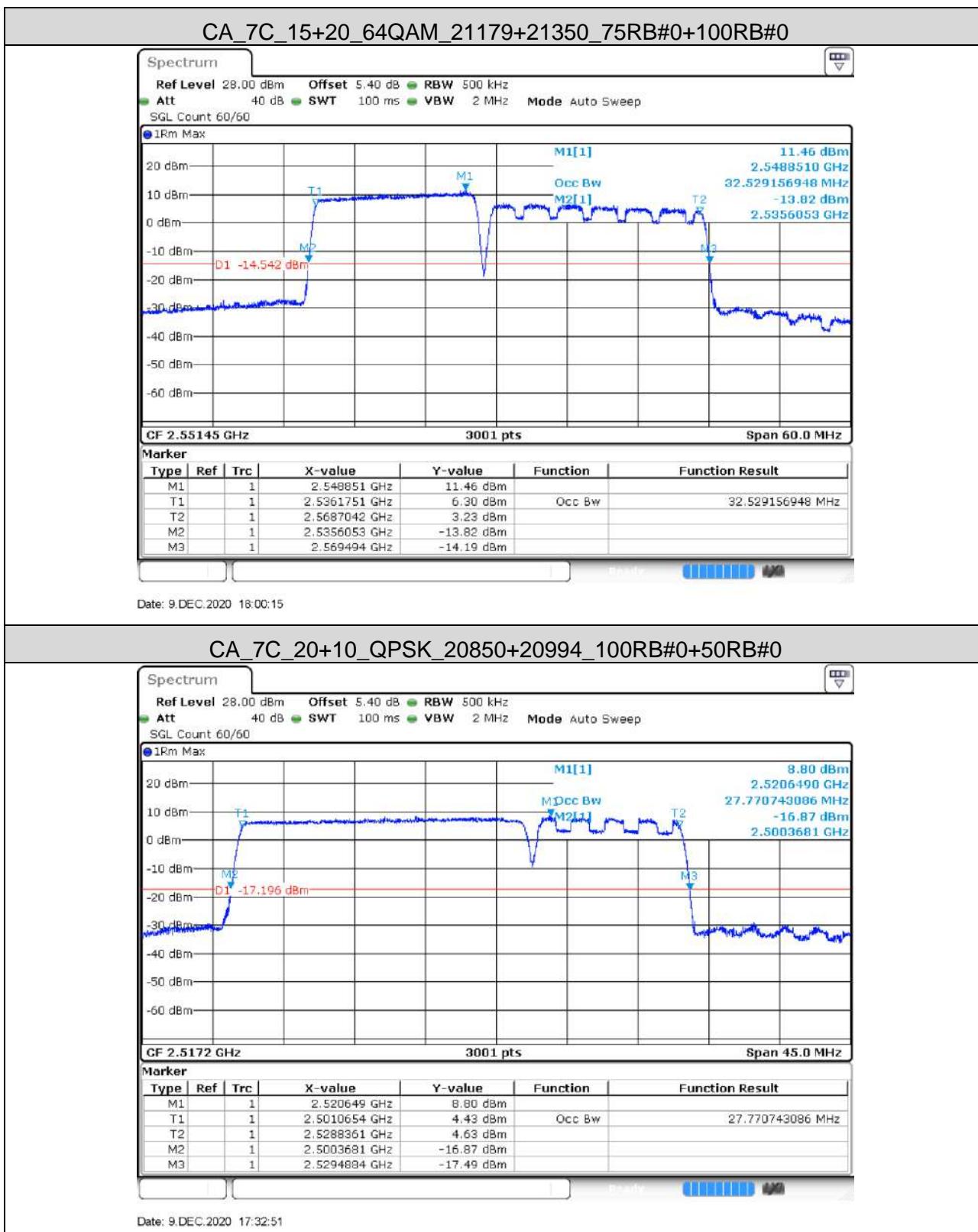


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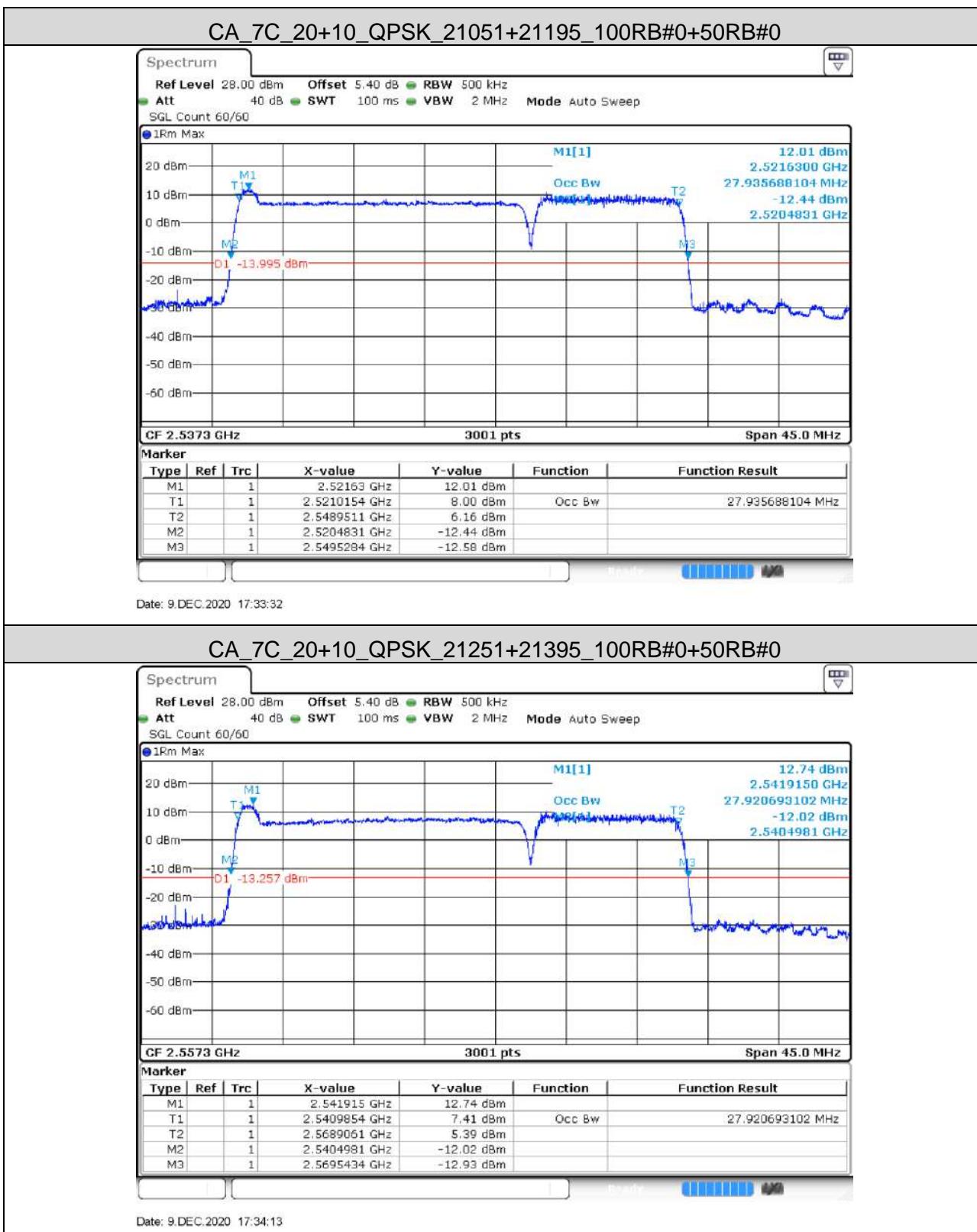
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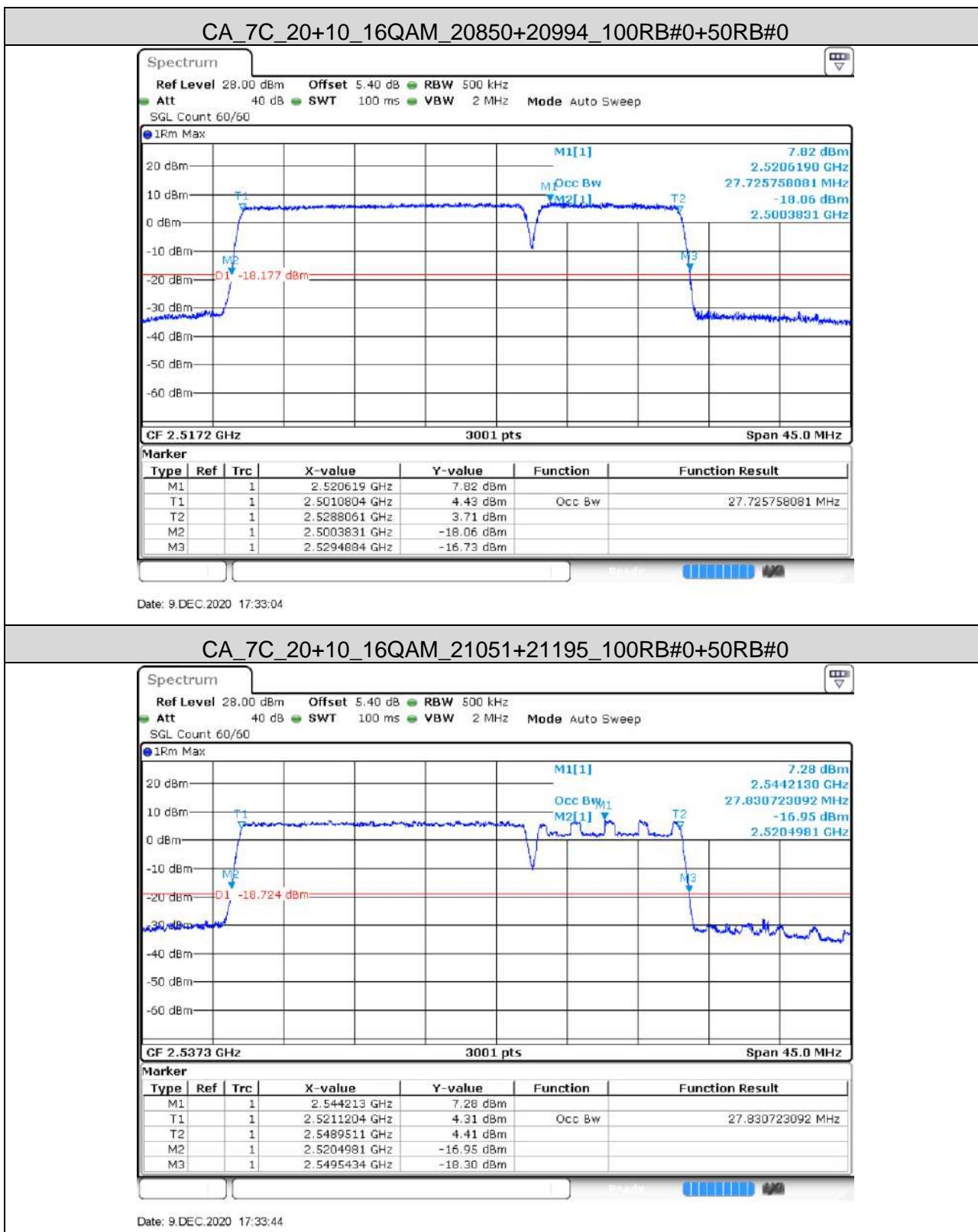


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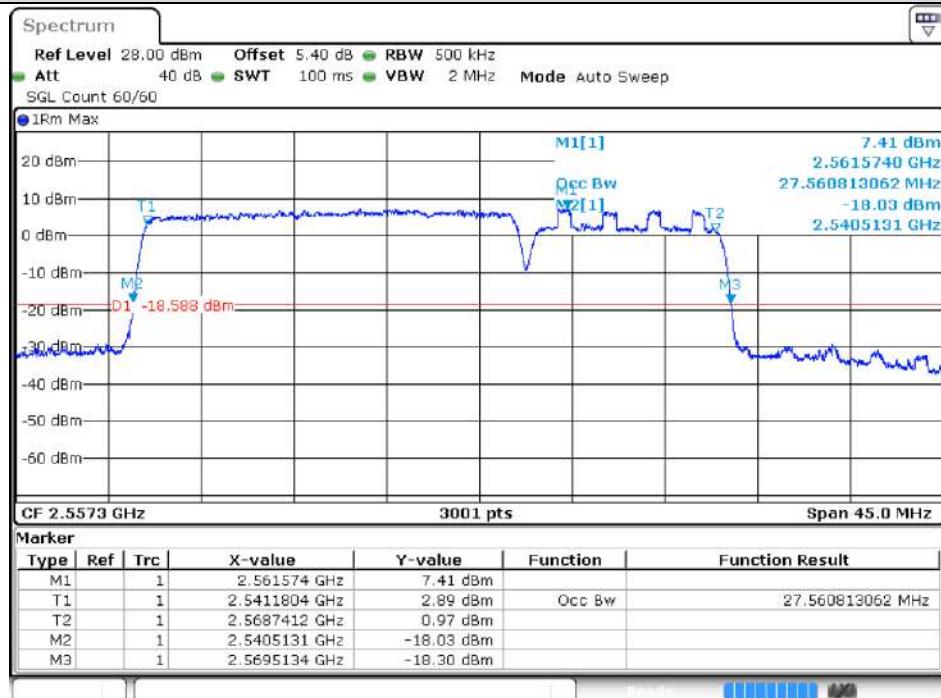
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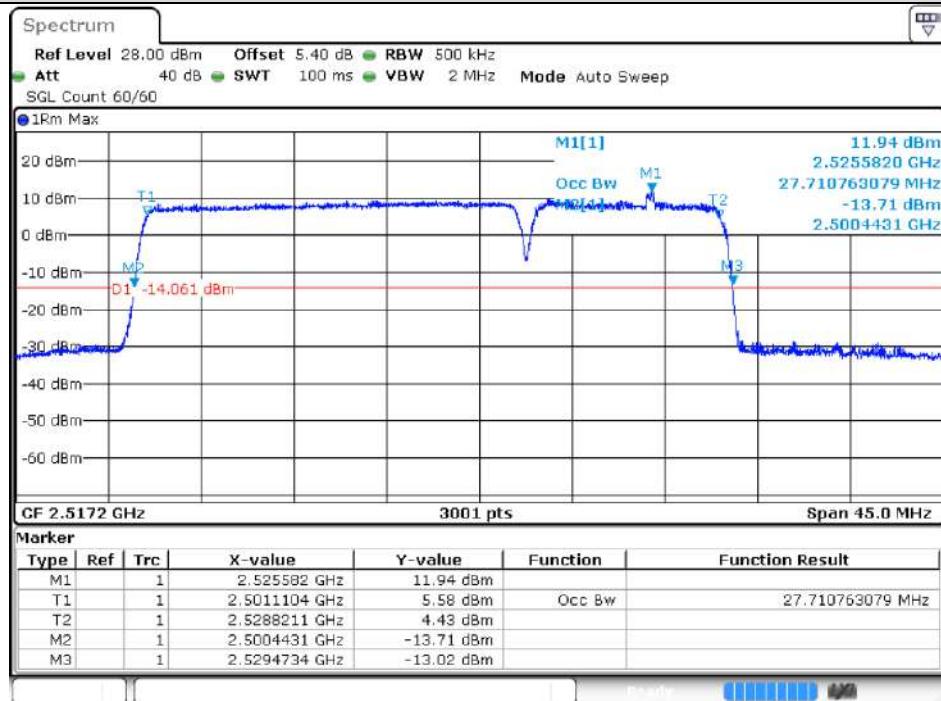
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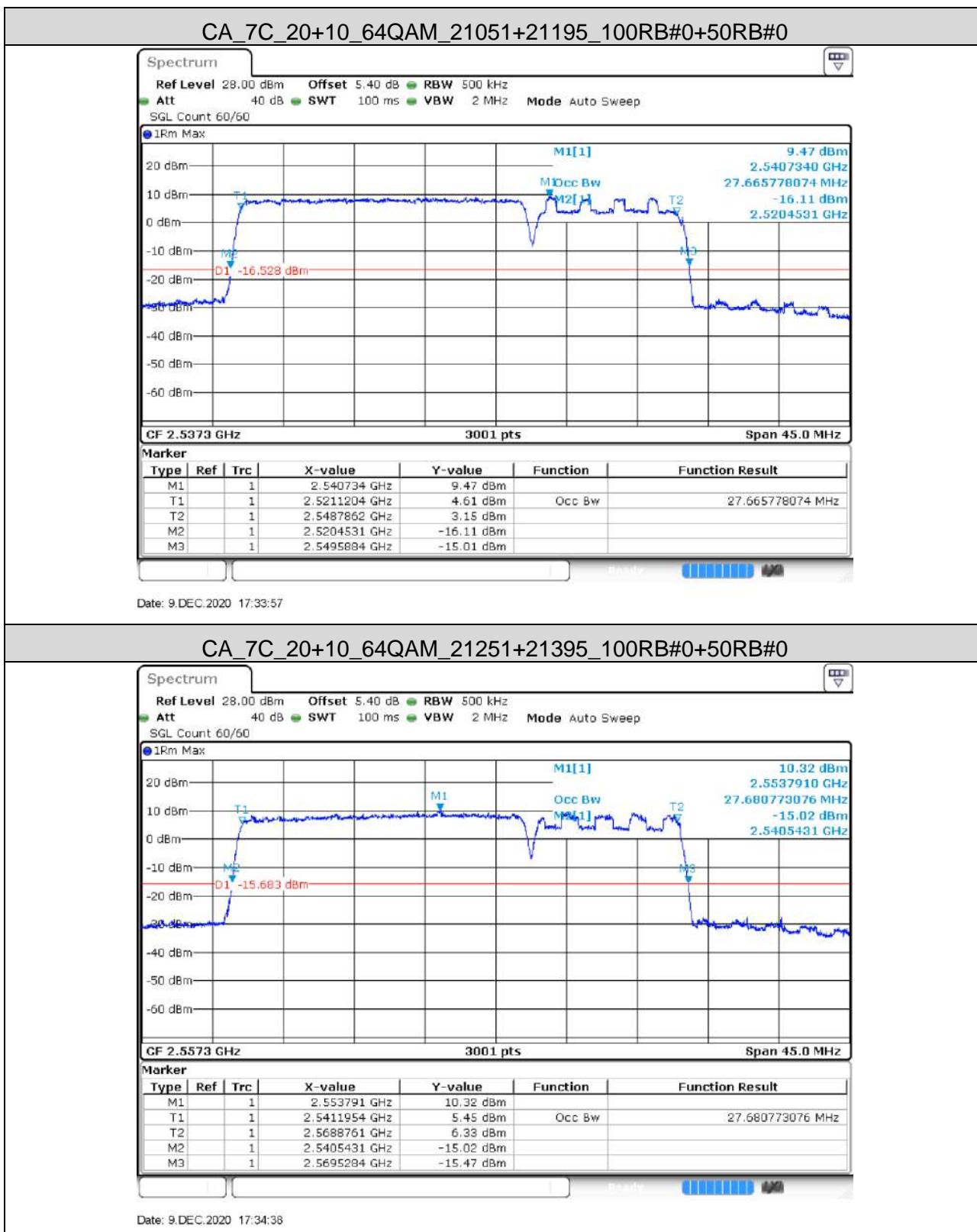
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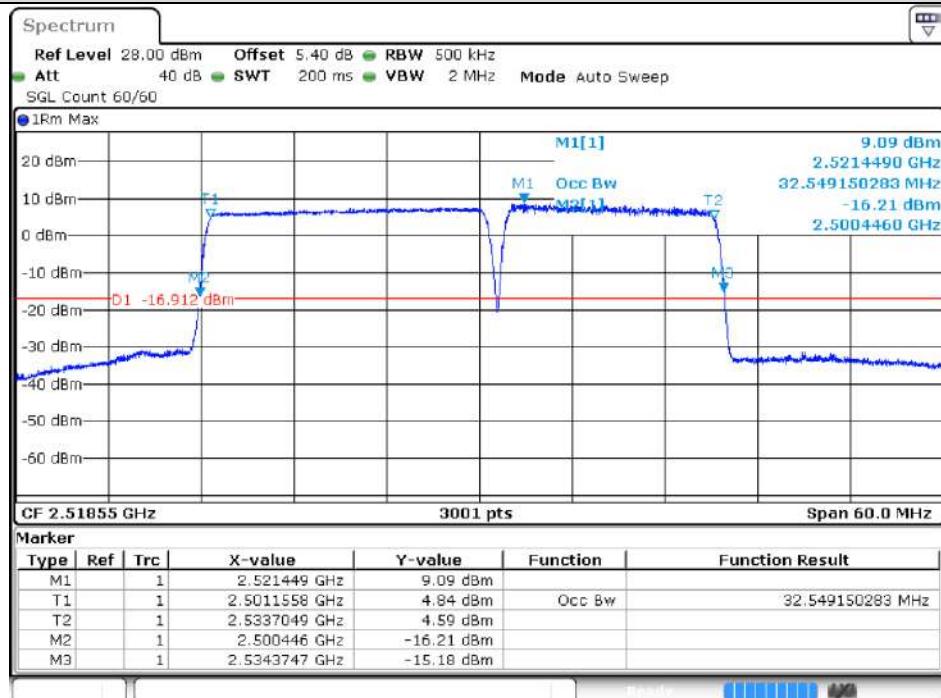
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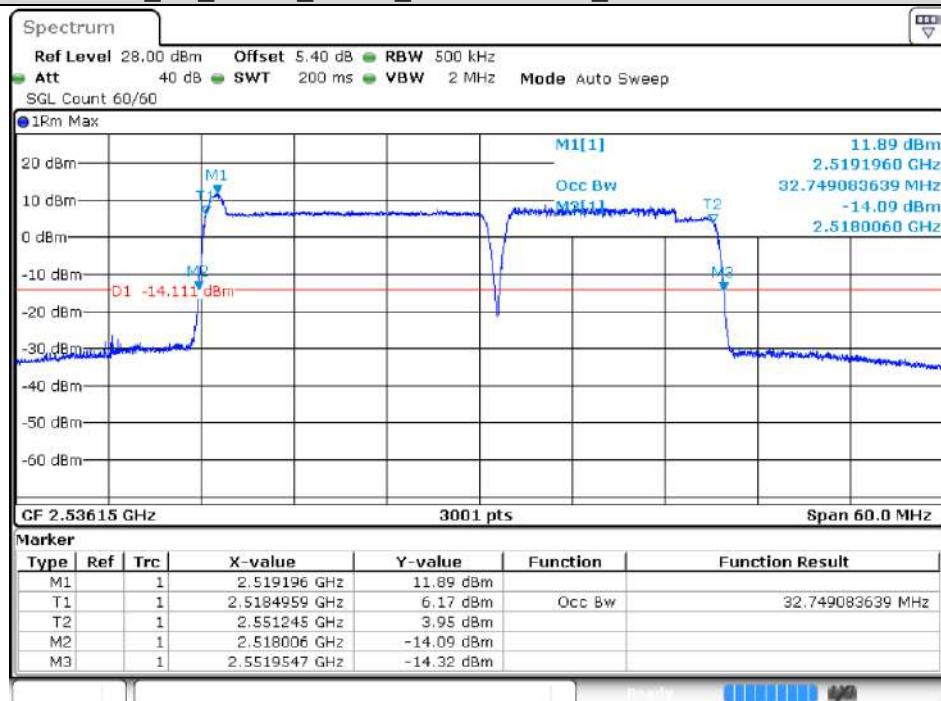
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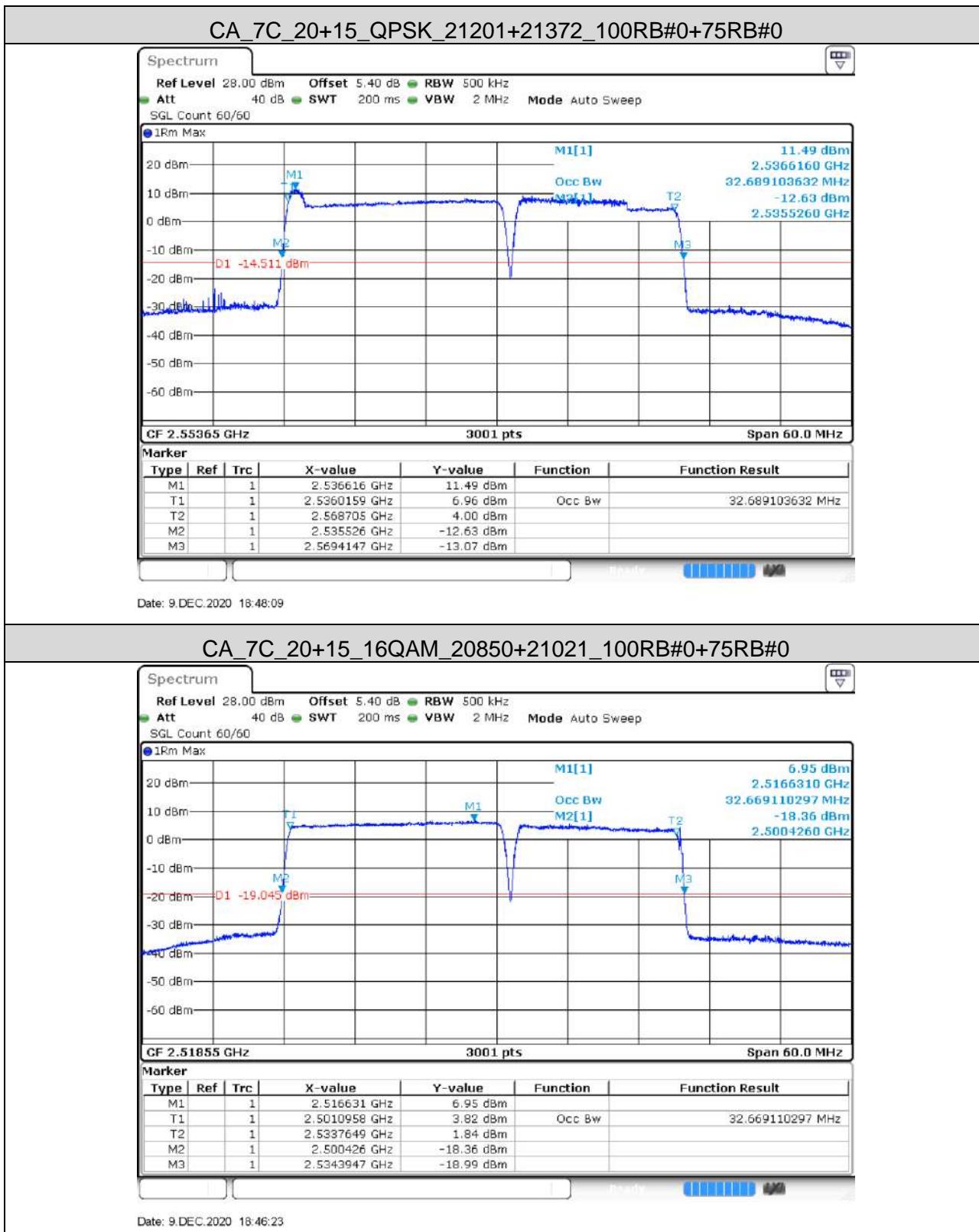
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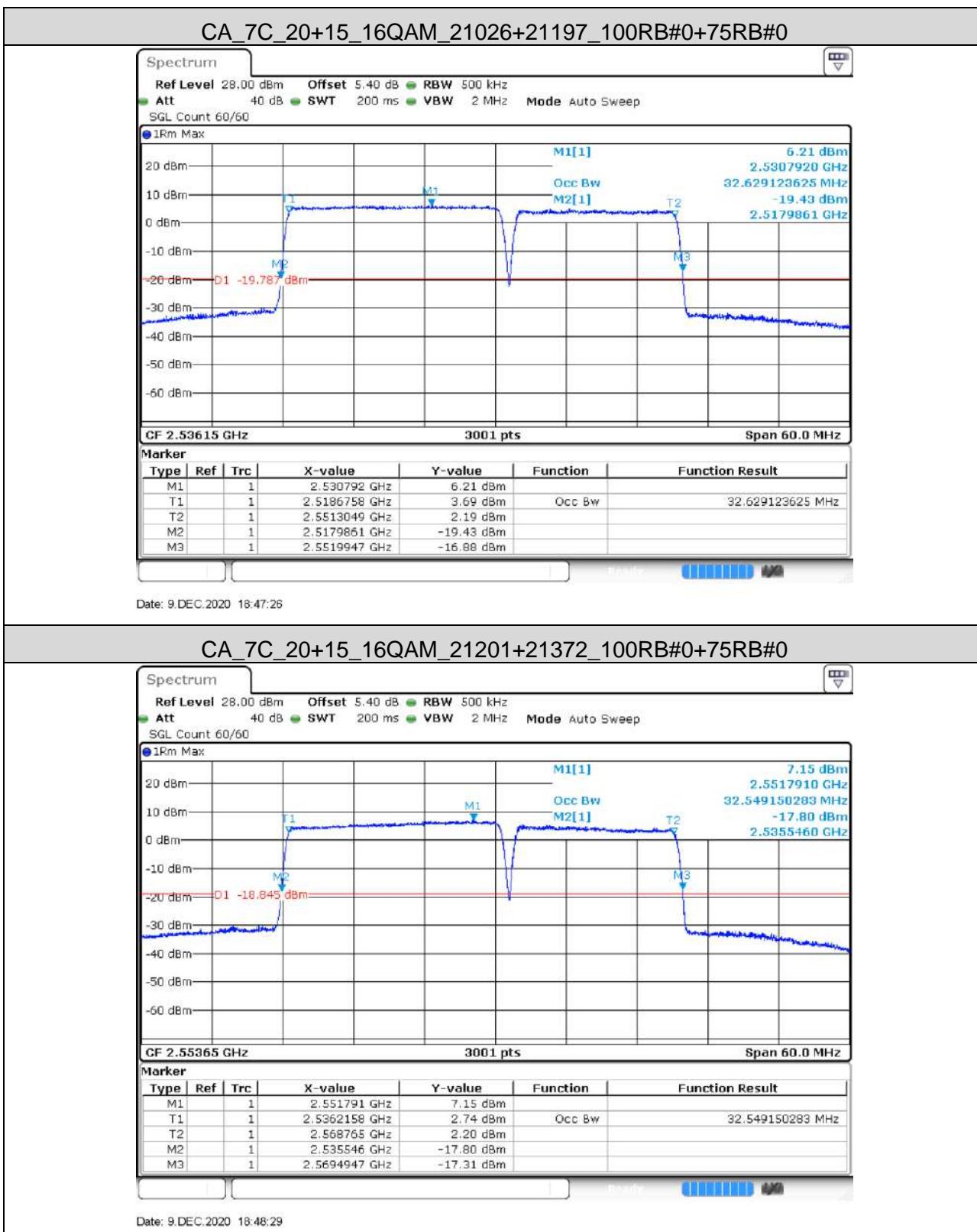


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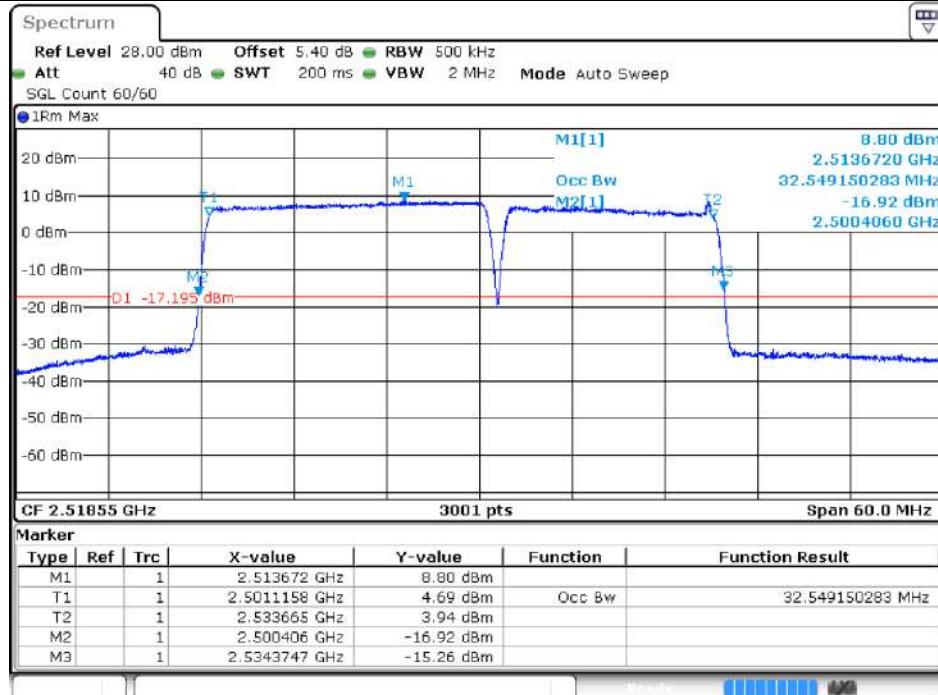
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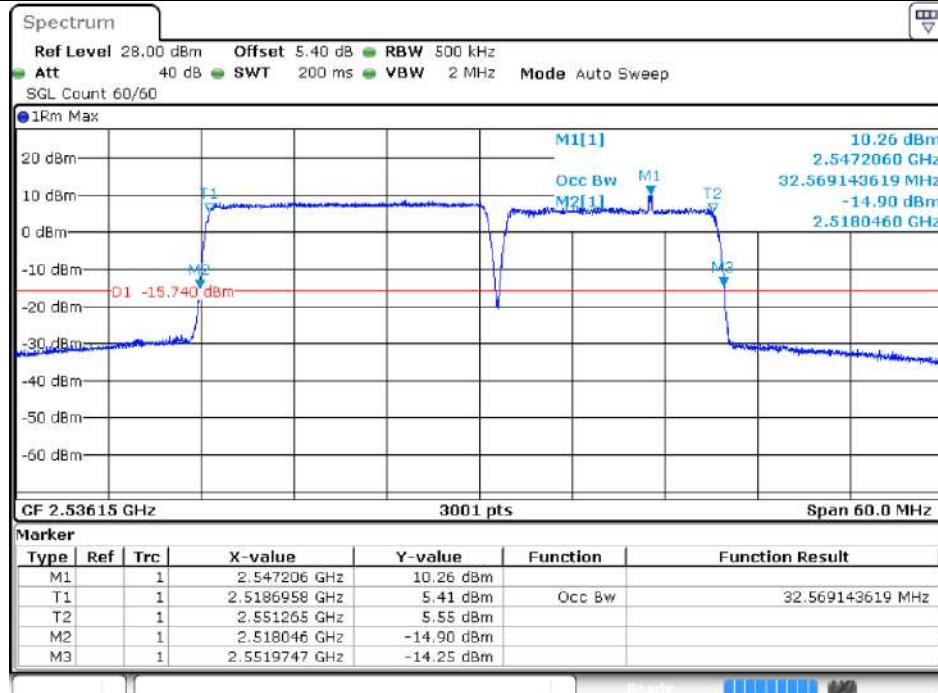
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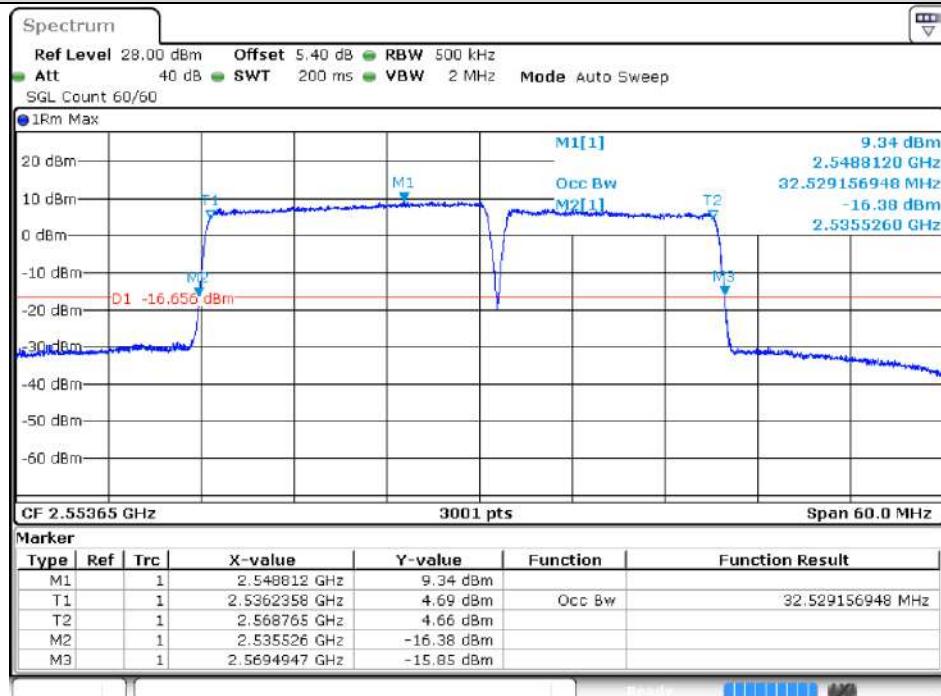


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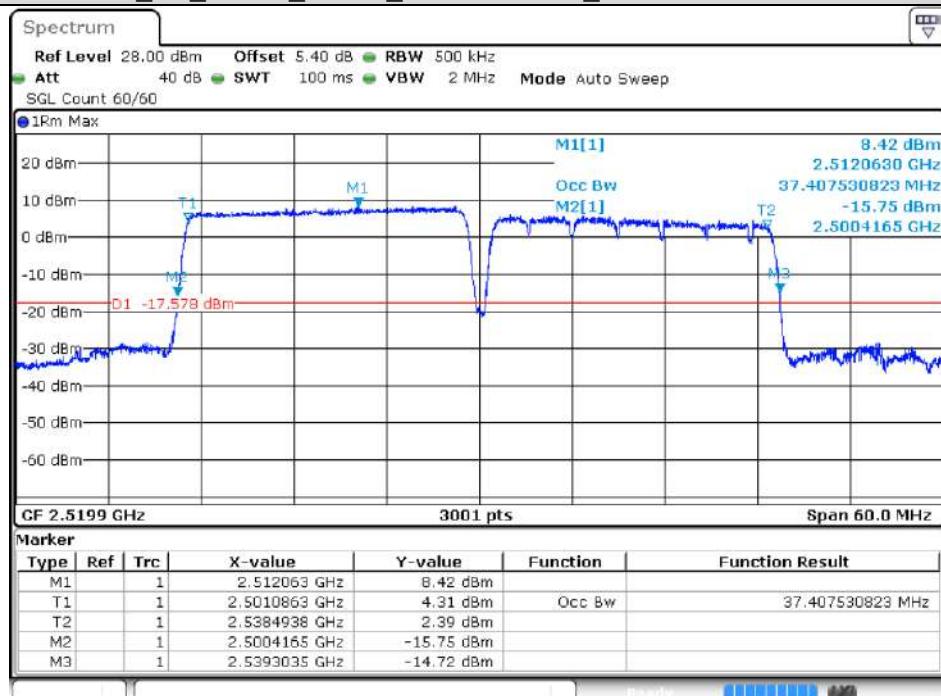
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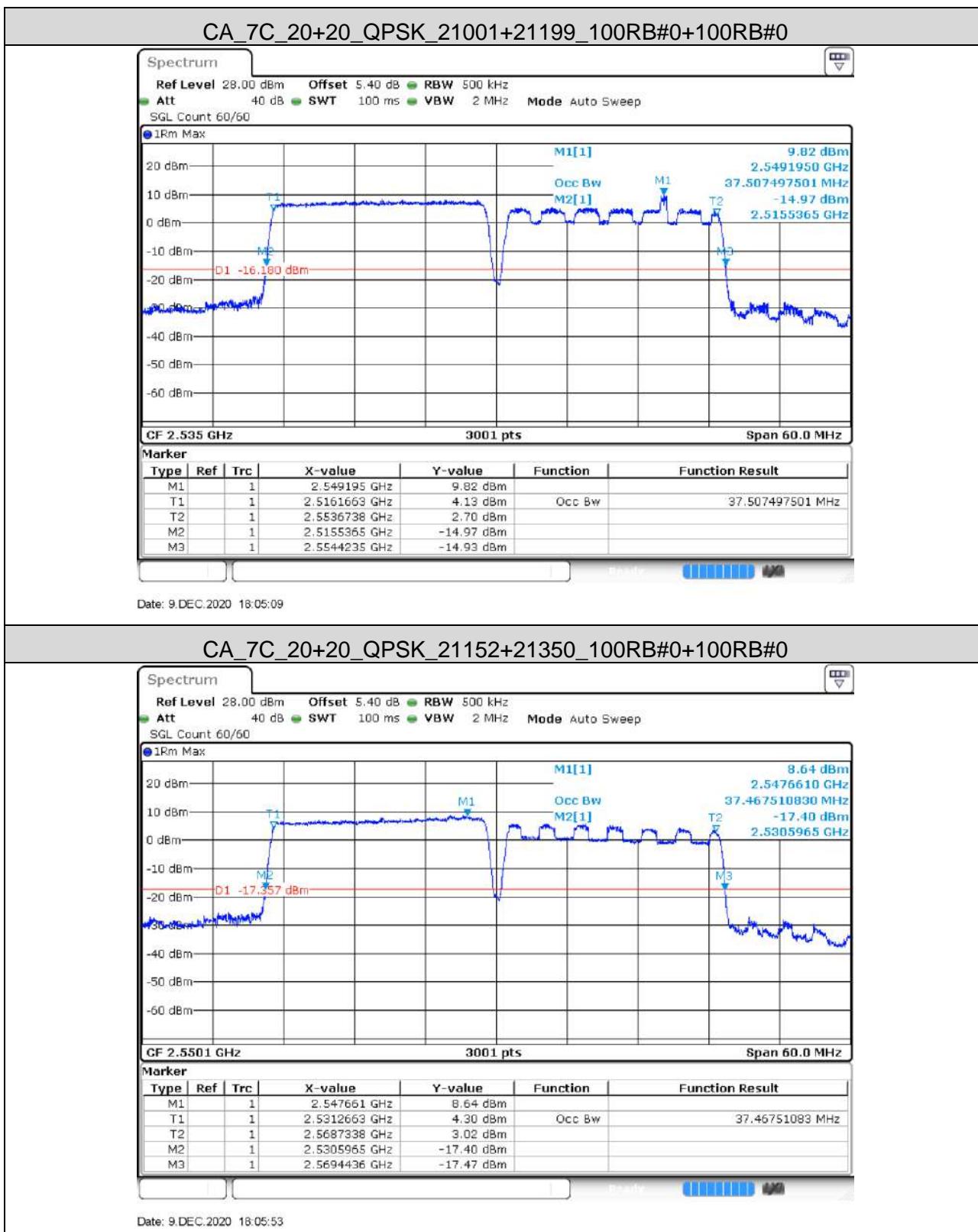
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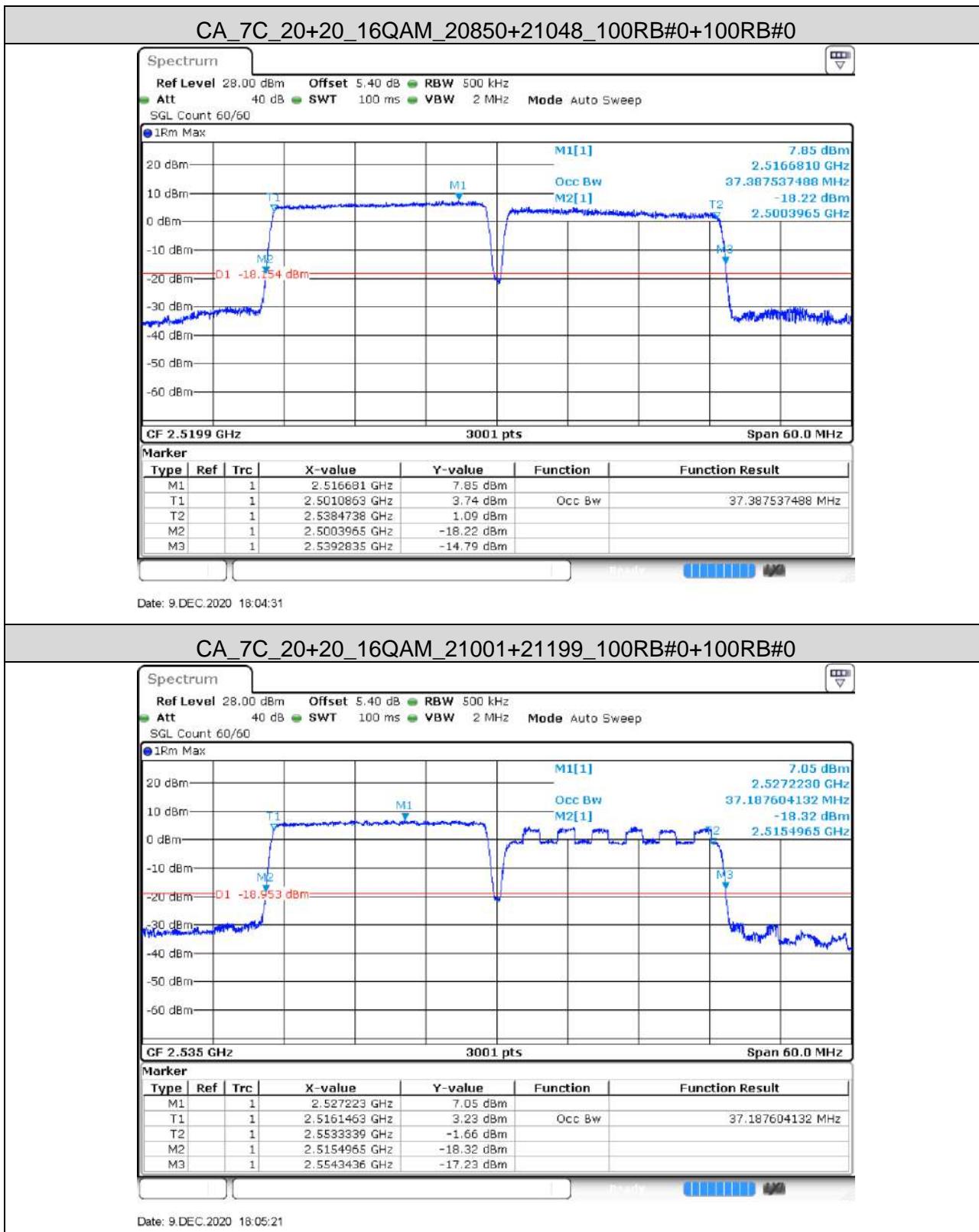


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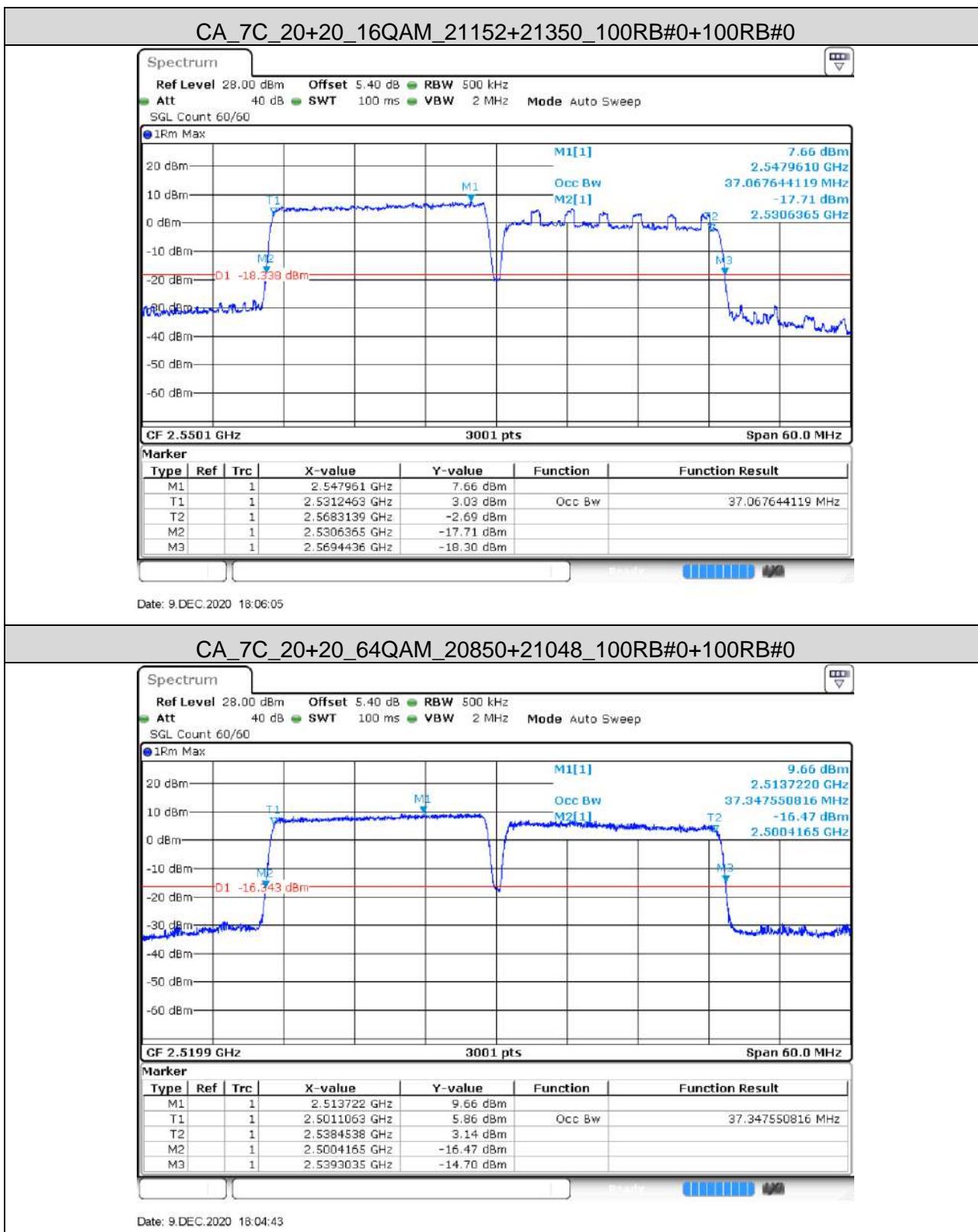


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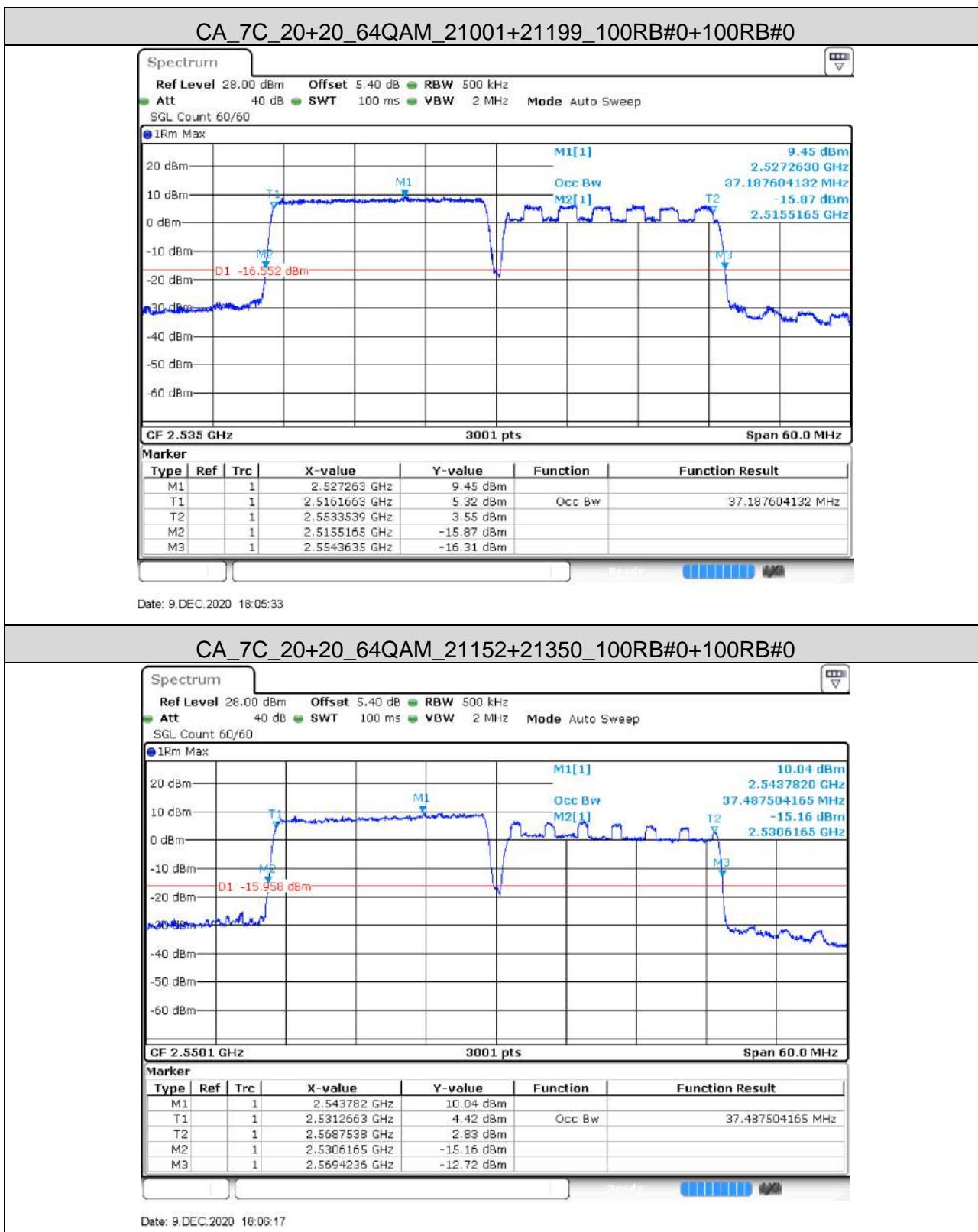


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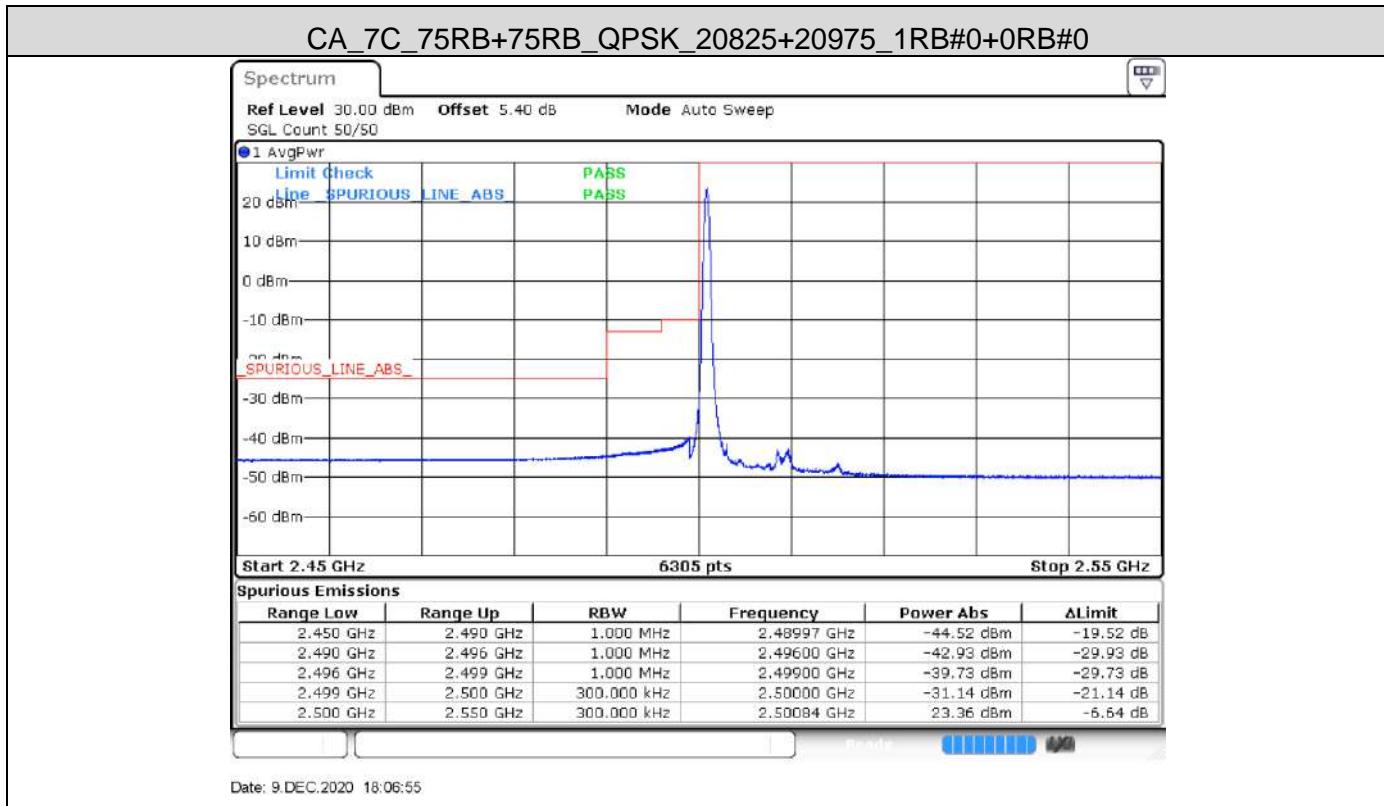
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5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_7C



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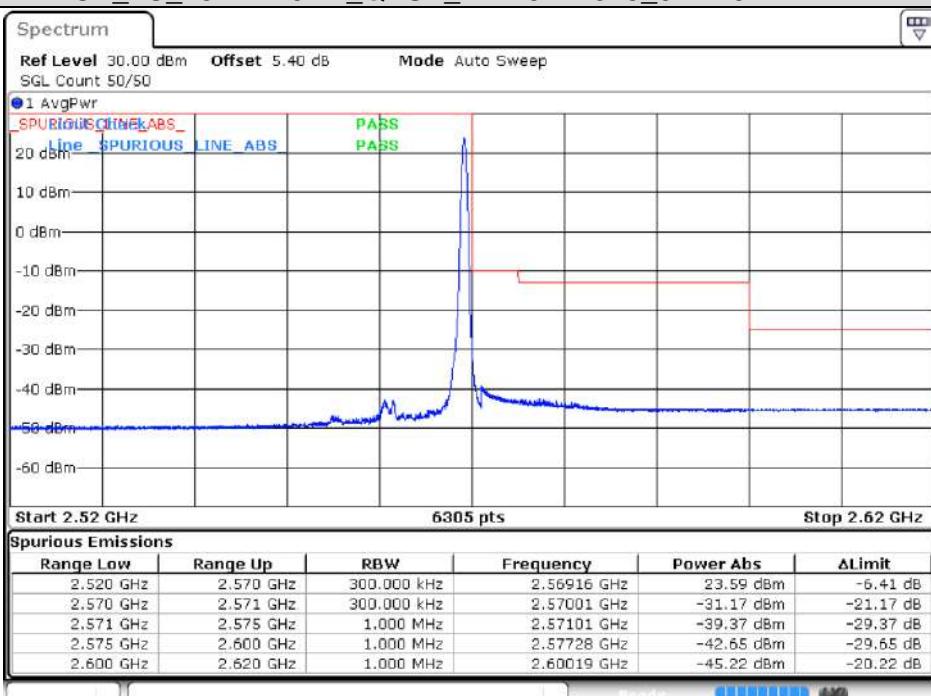
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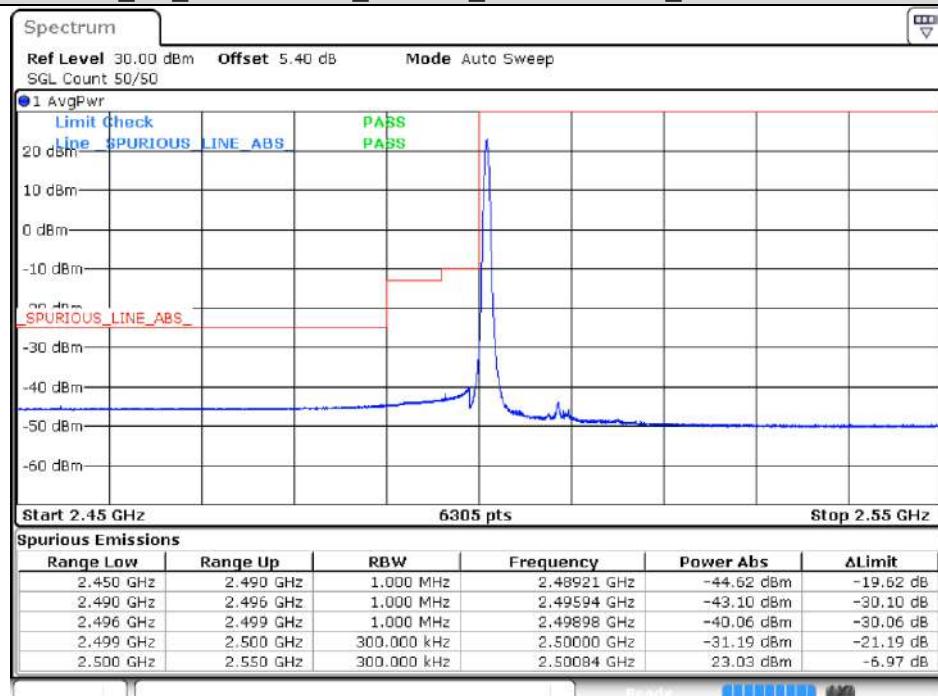
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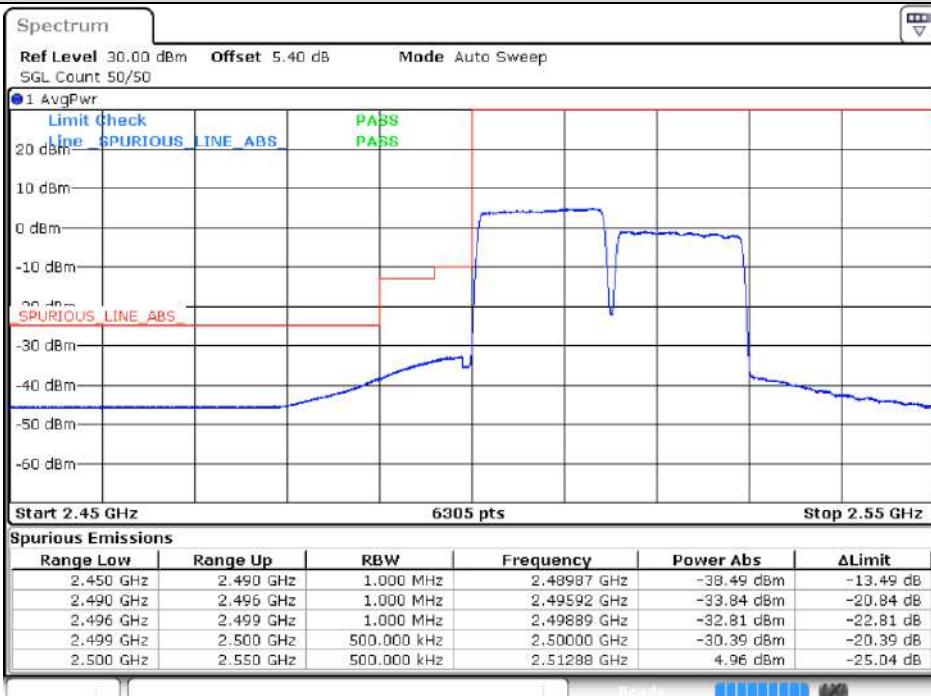
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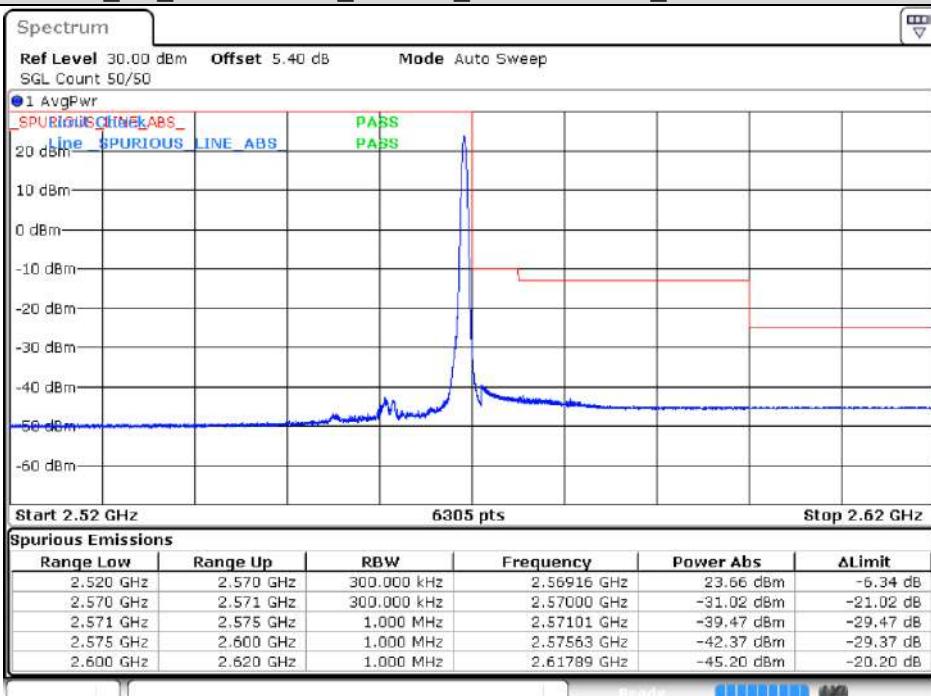
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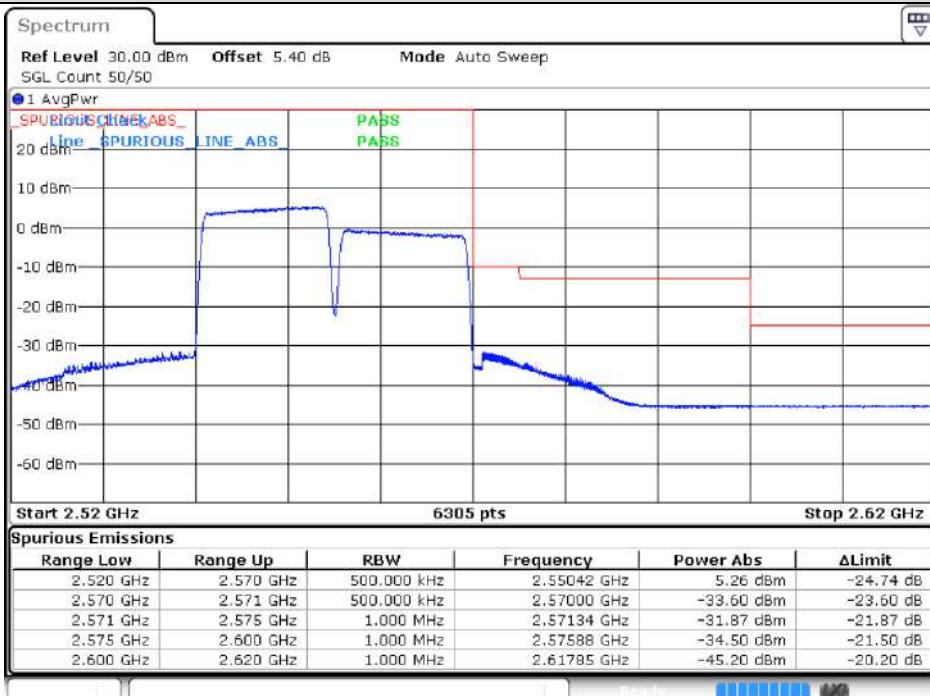
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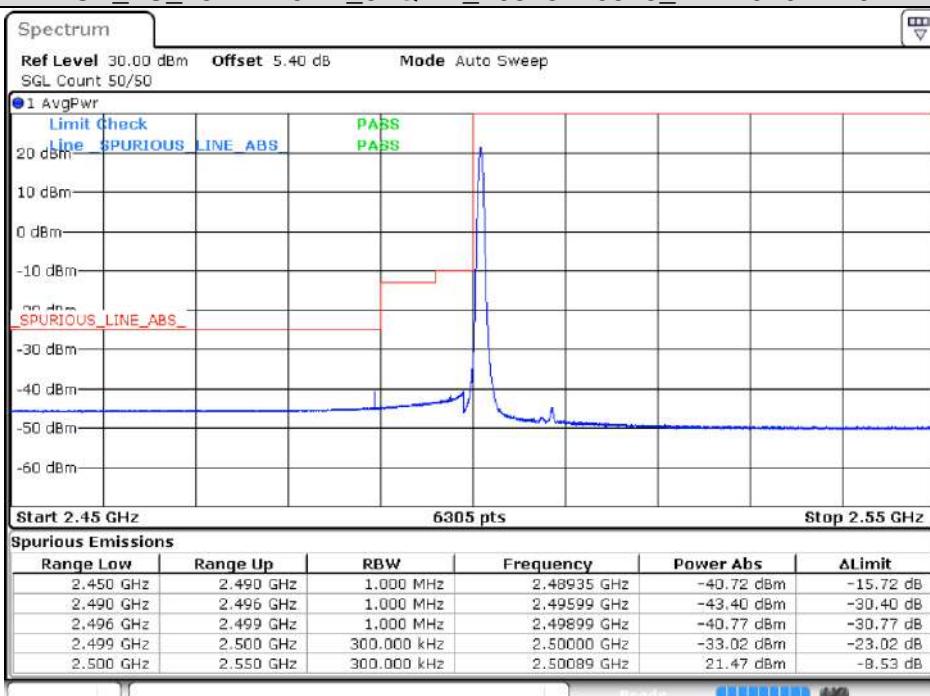
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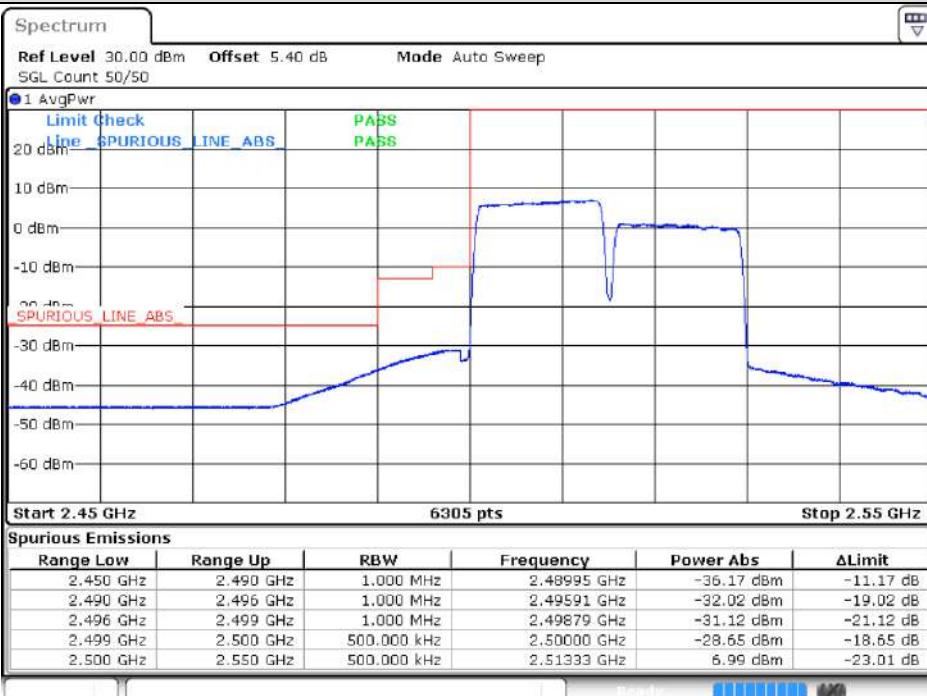
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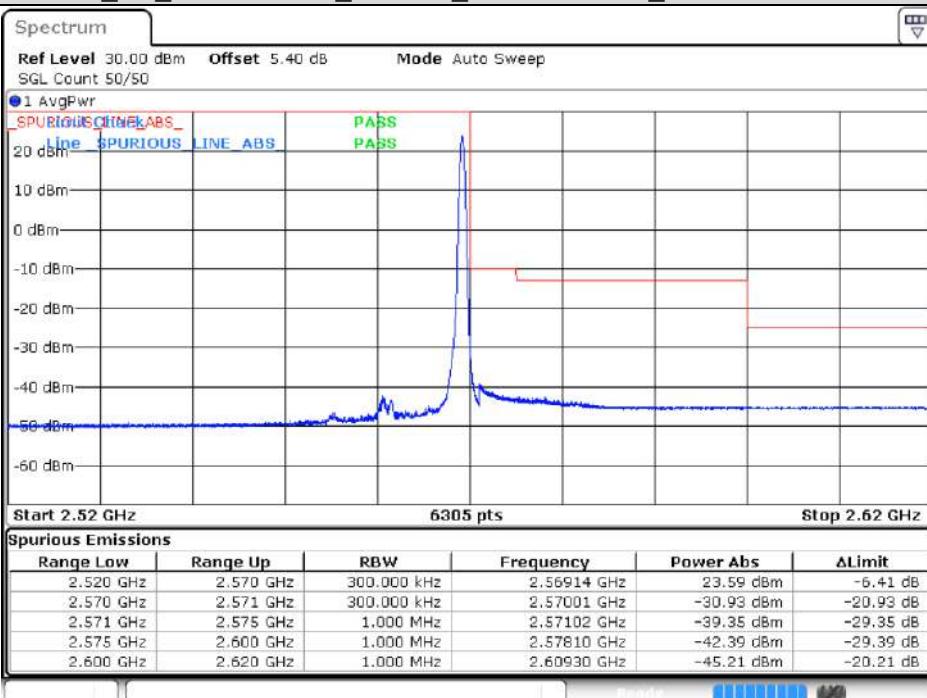


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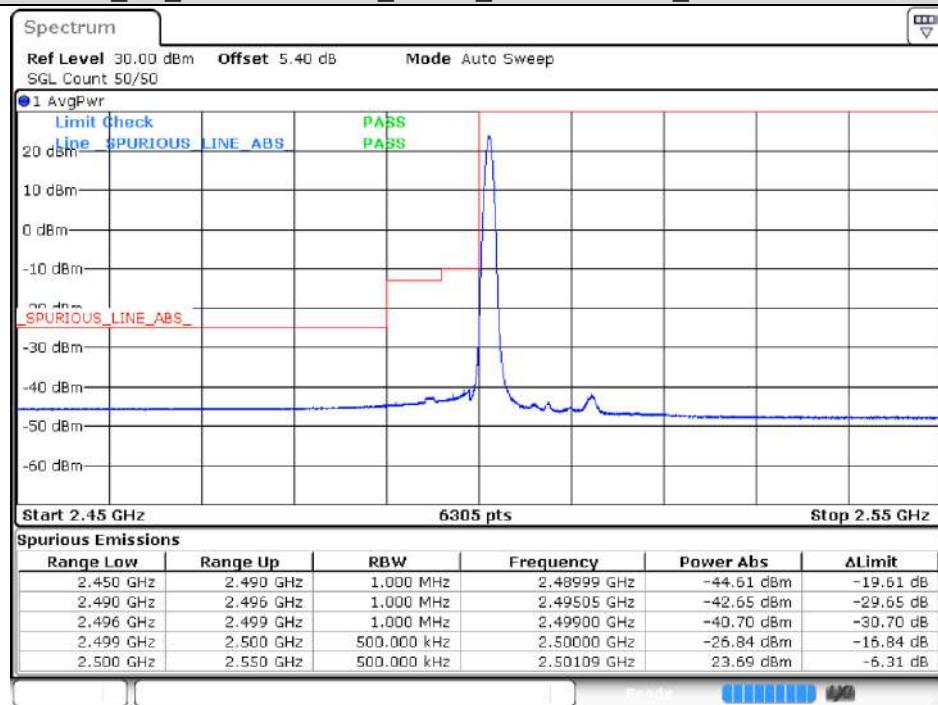
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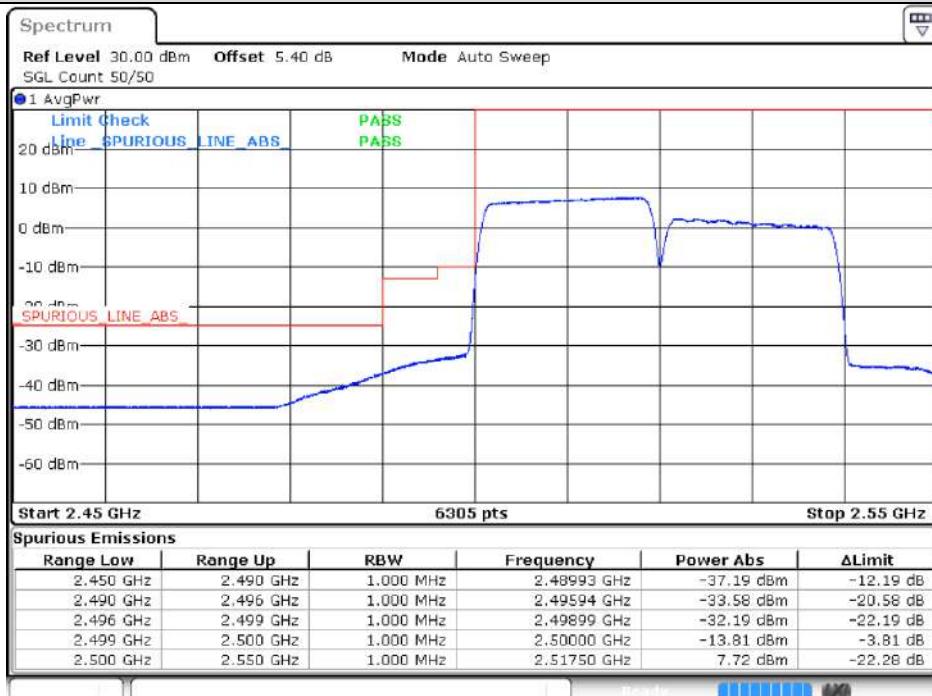
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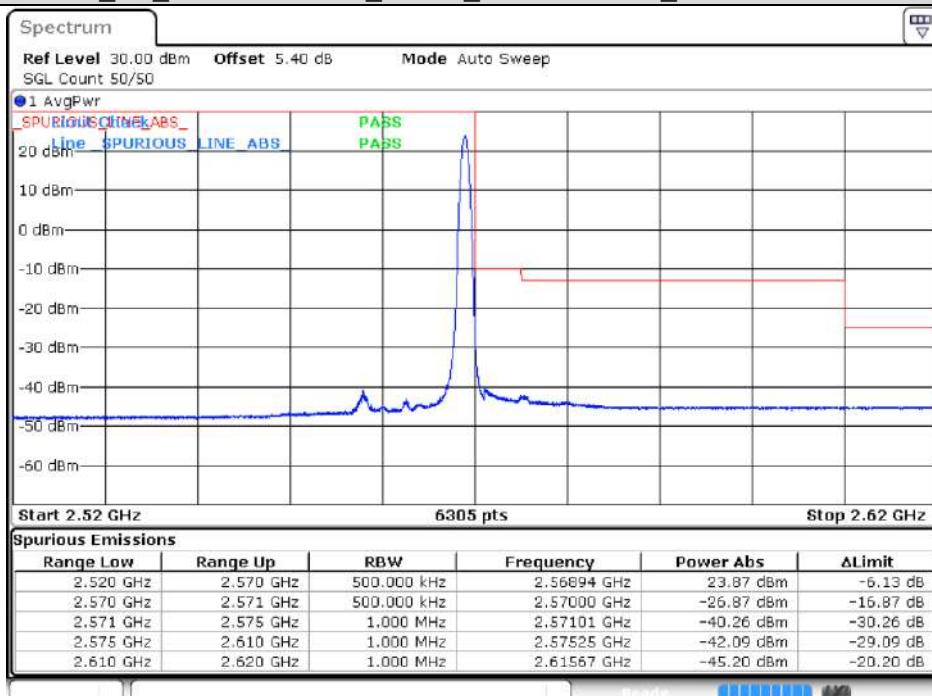
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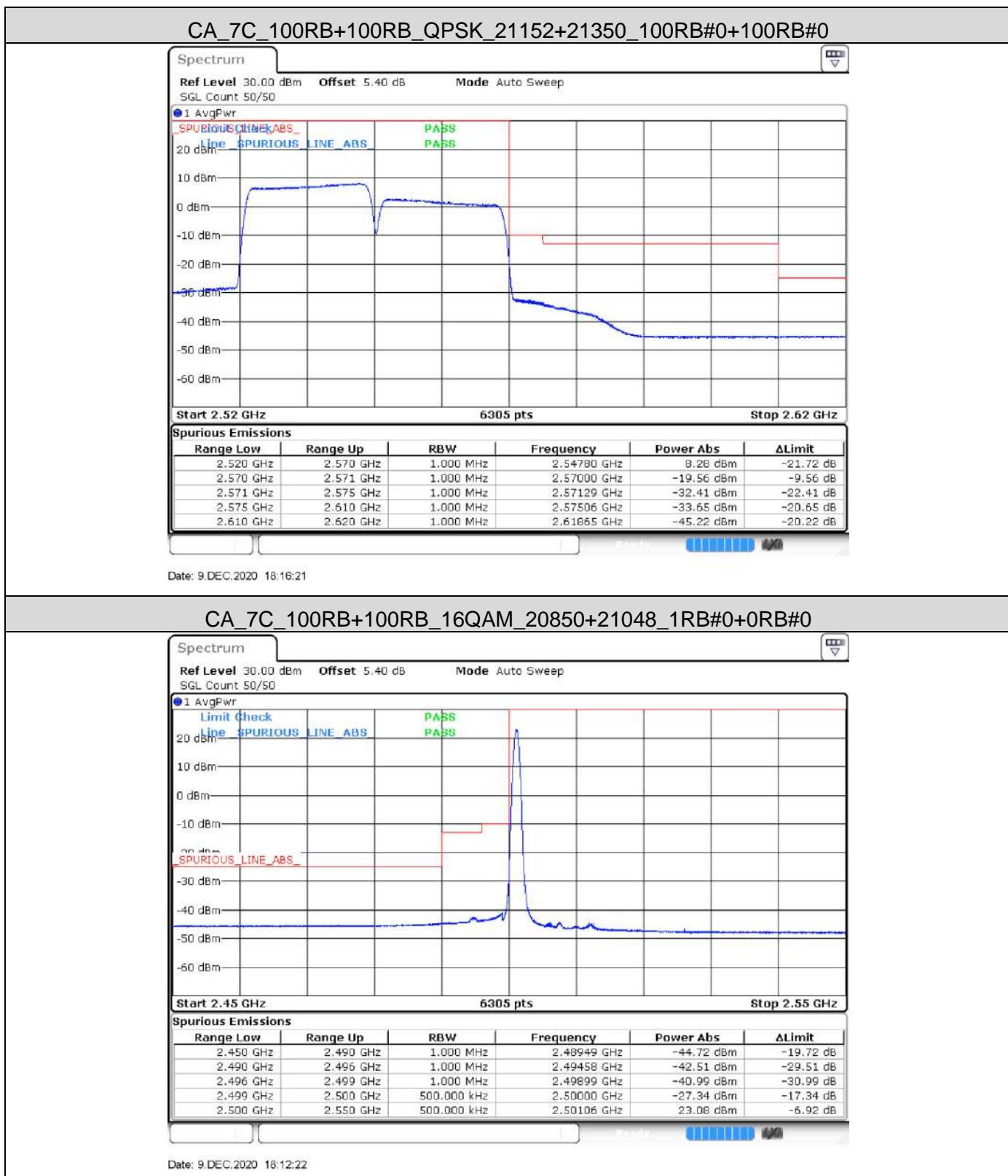
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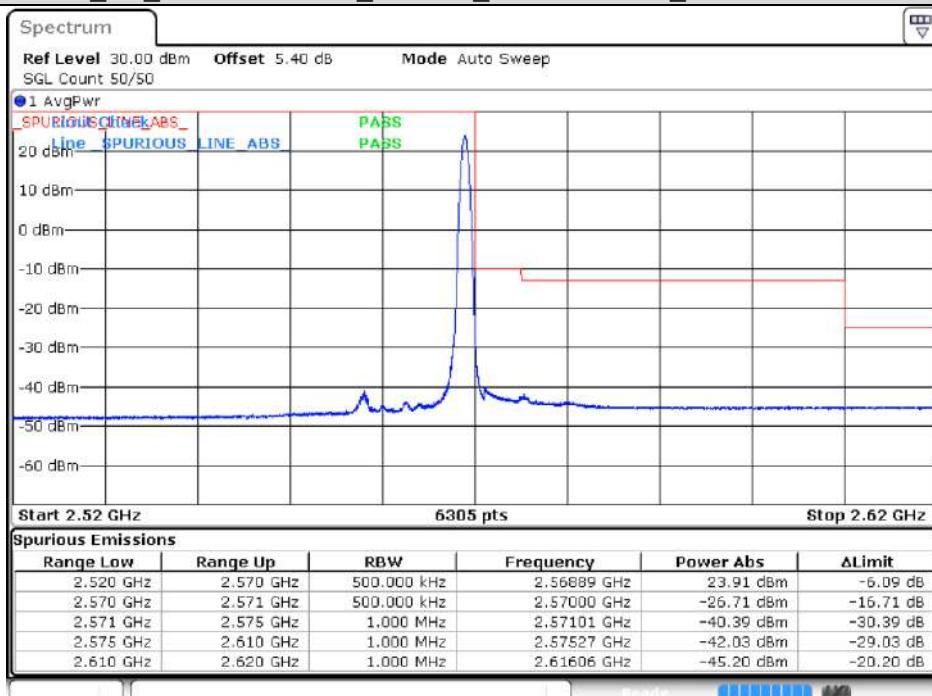
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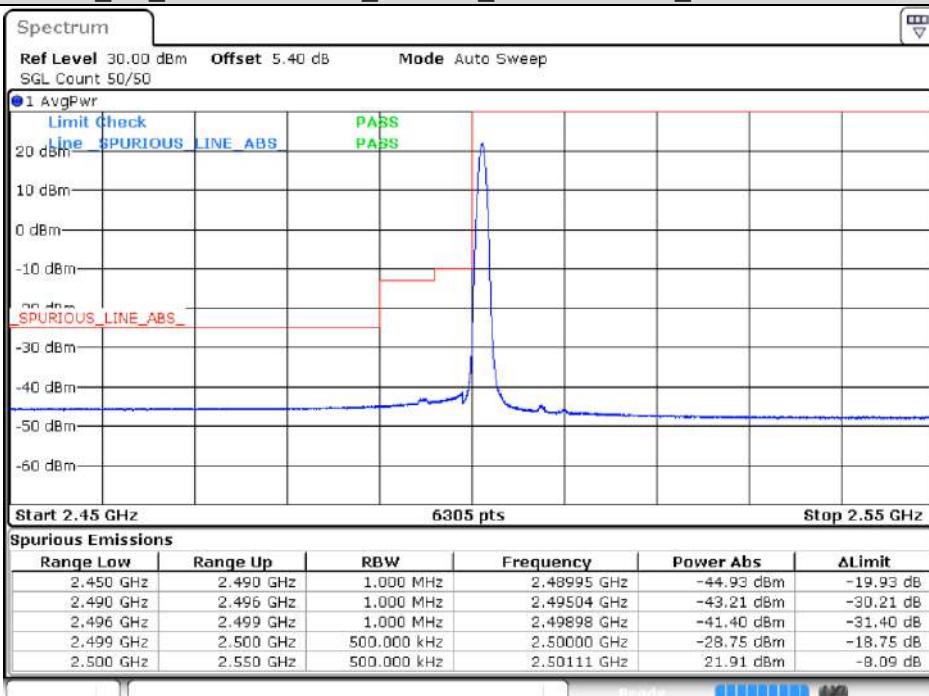
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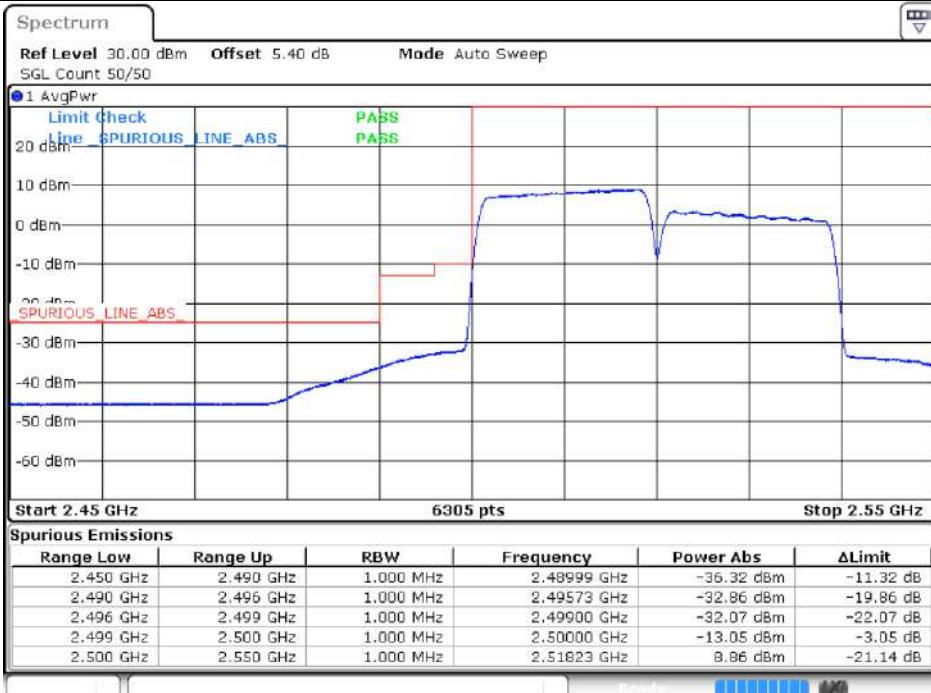
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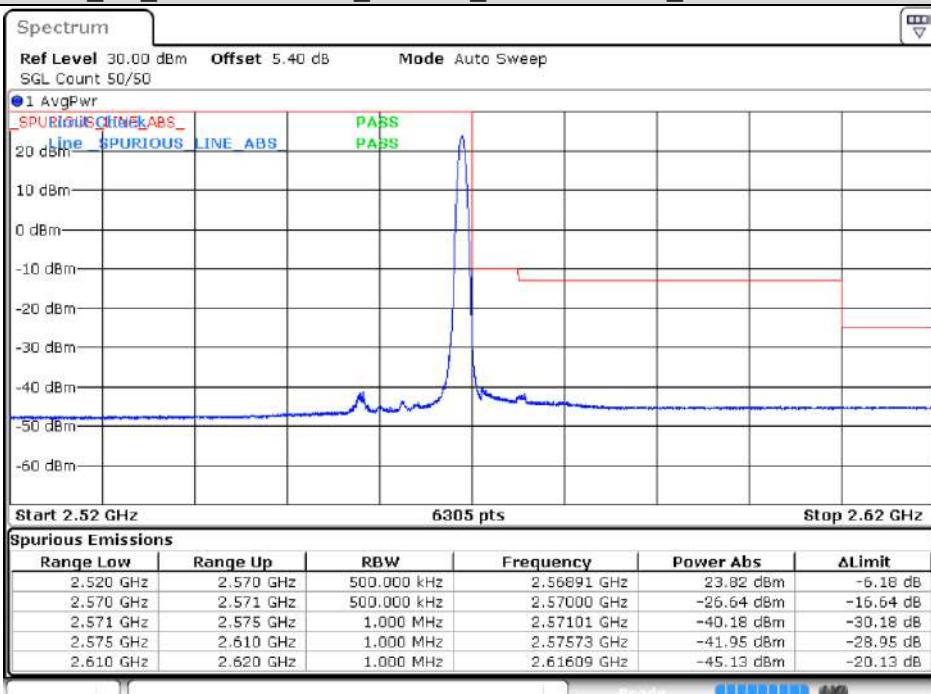
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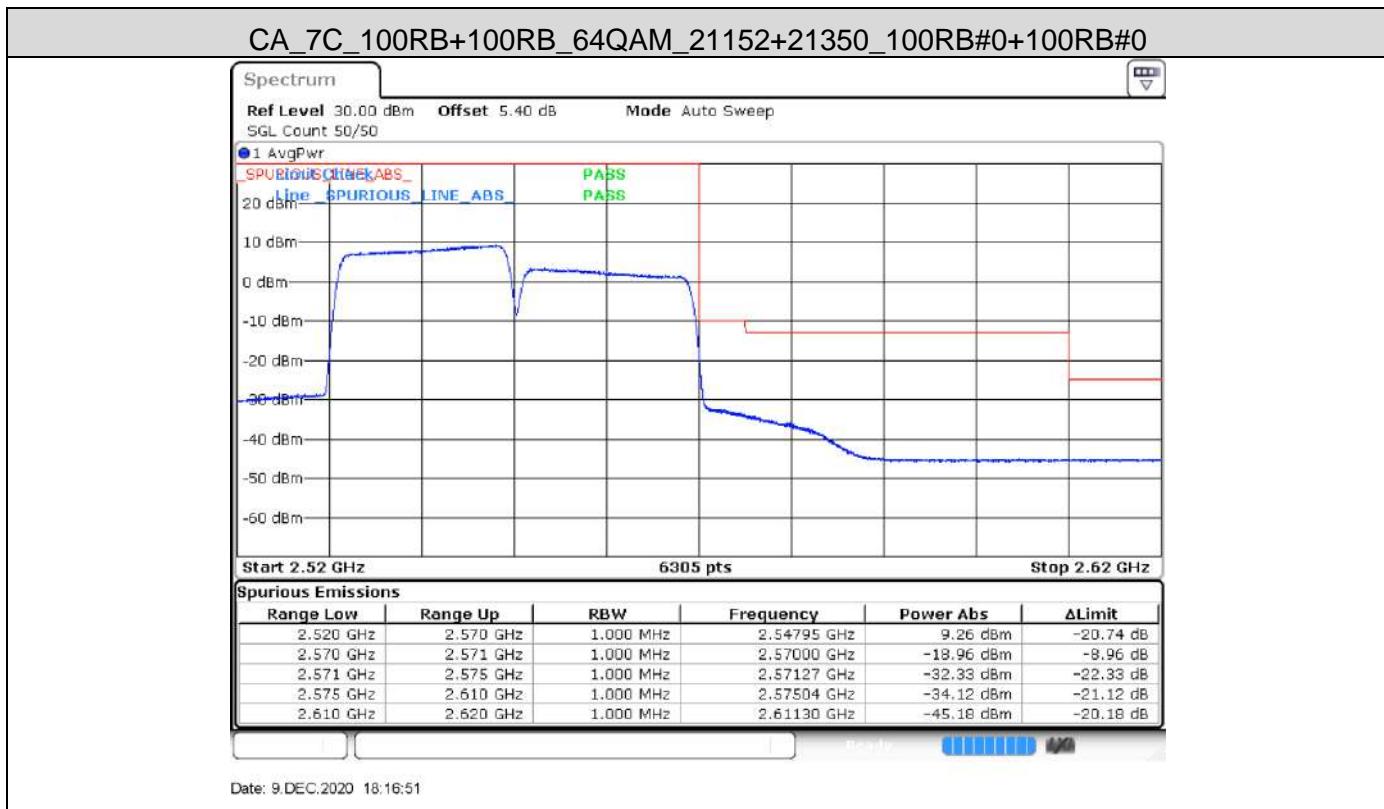
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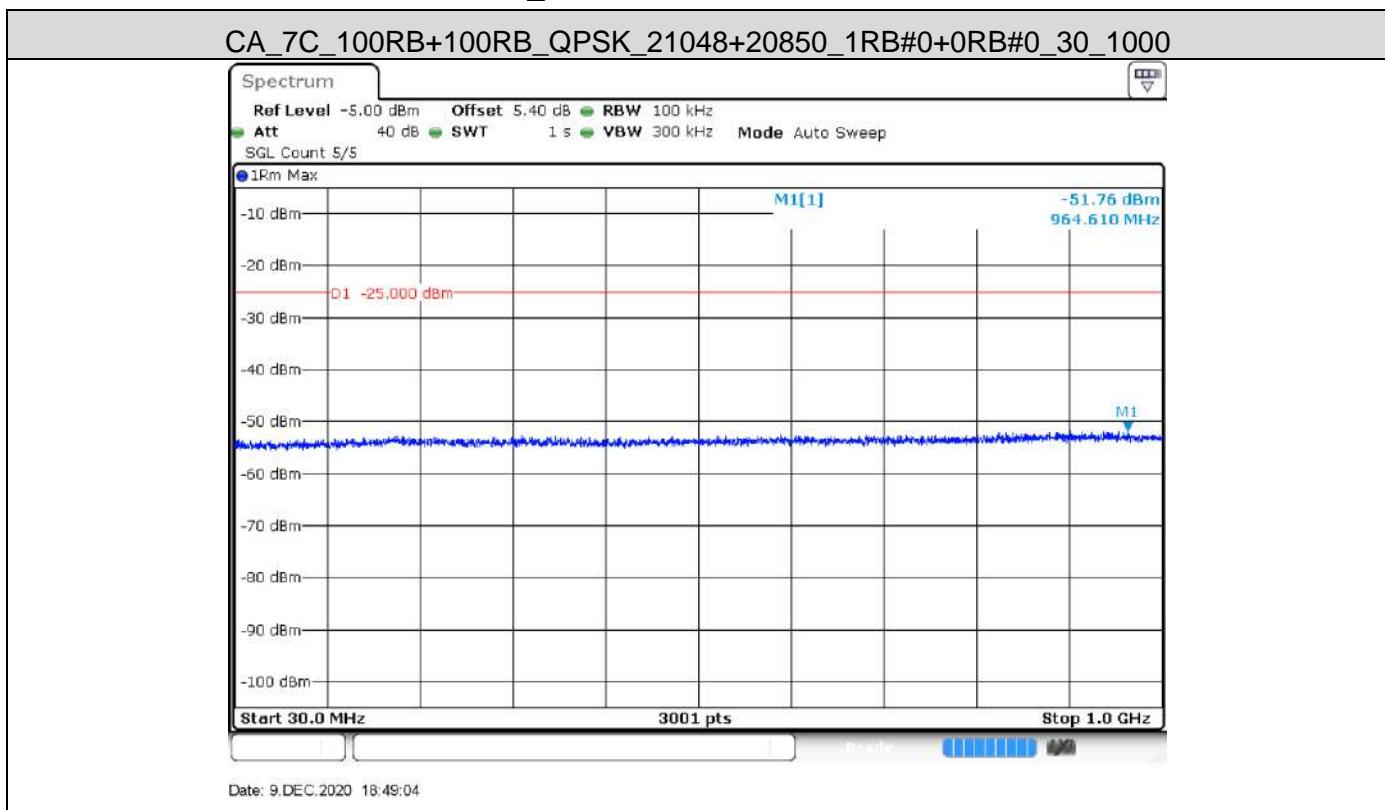
6 Spurious Emission at Antenna Terminal

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 $< \text{RBW}/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / \text{RBW})$ " 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

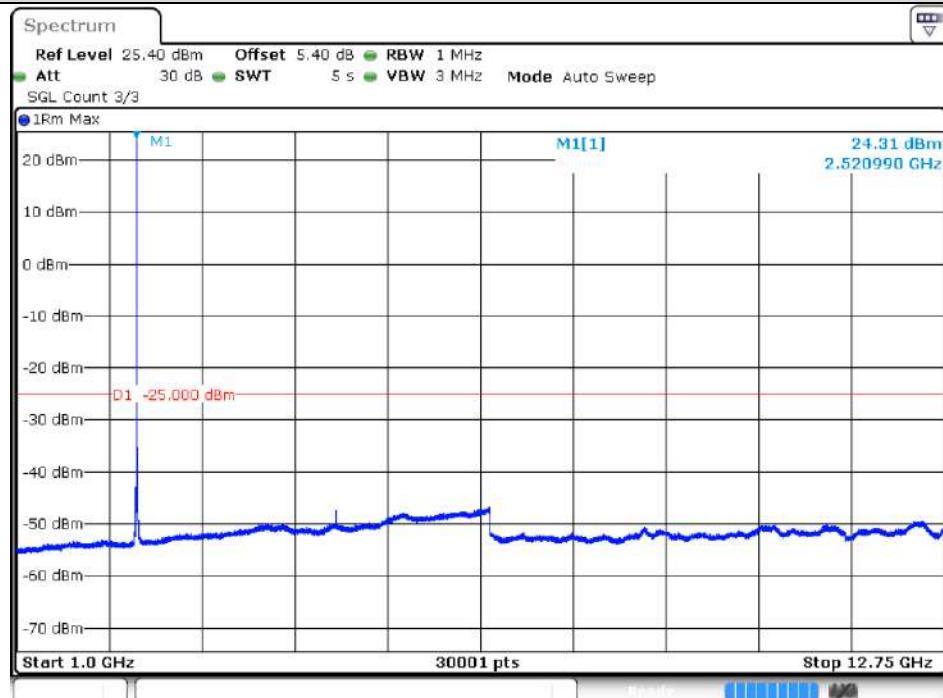


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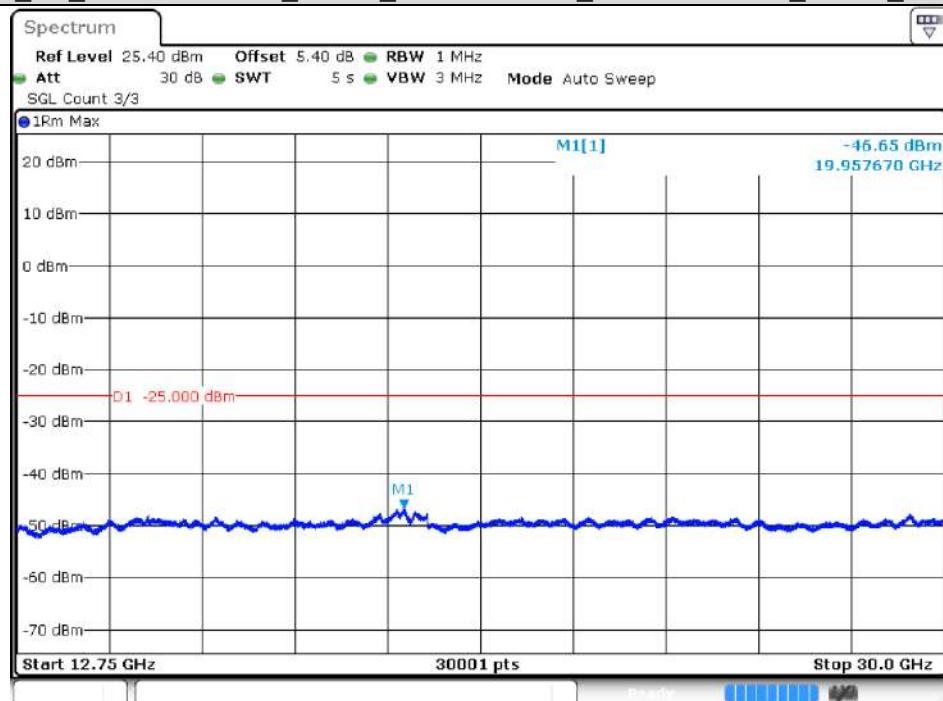
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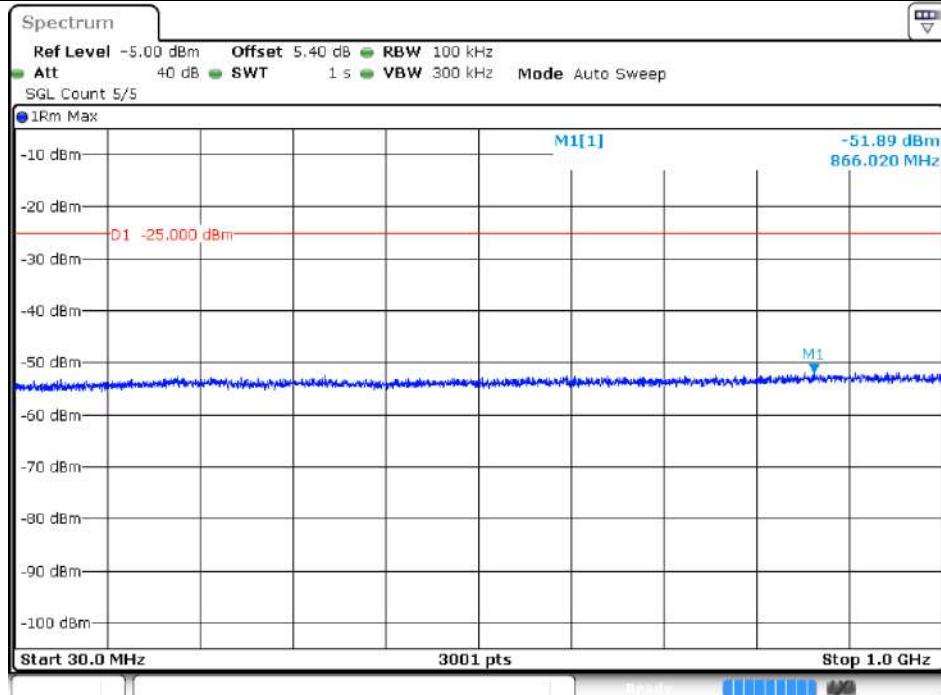
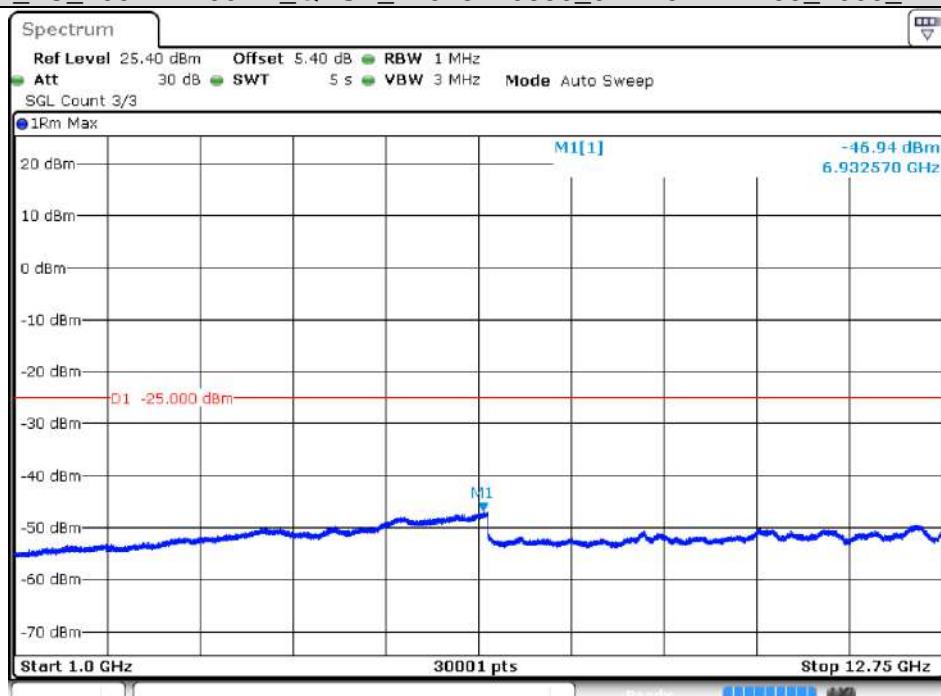
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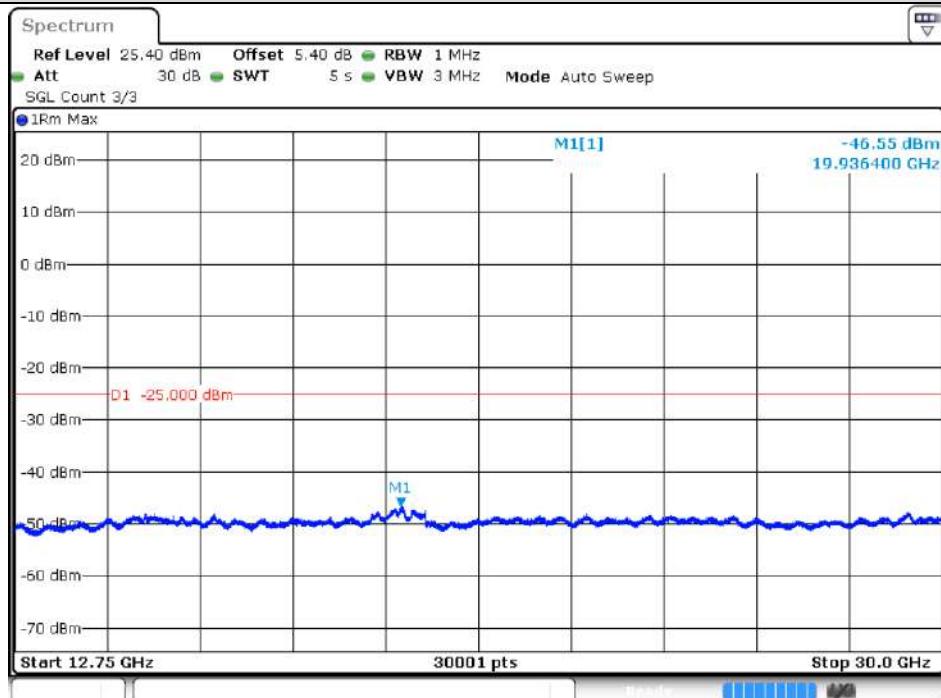


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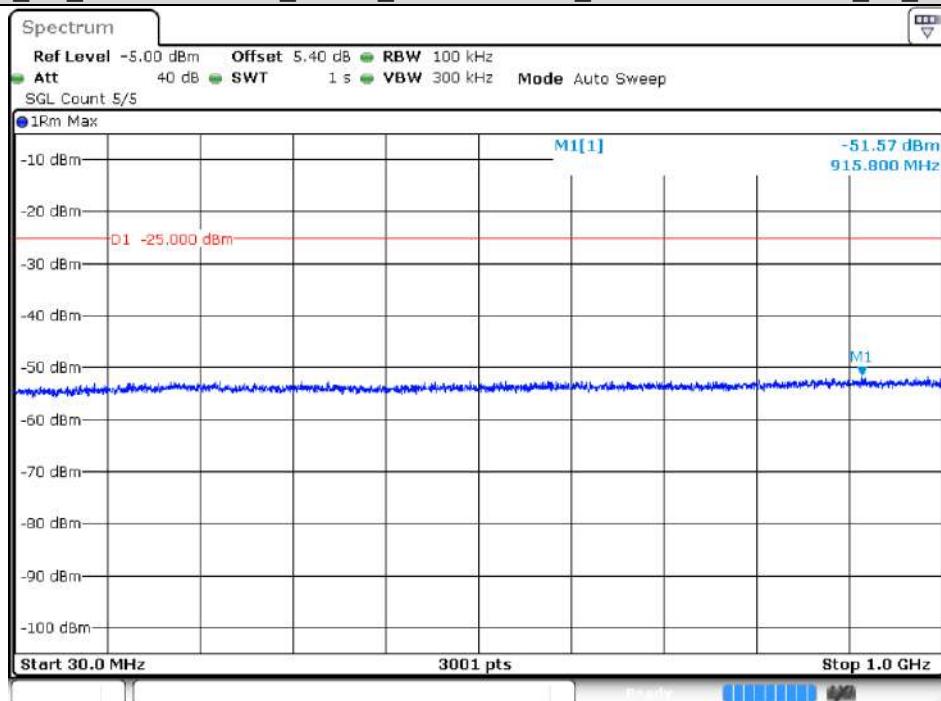
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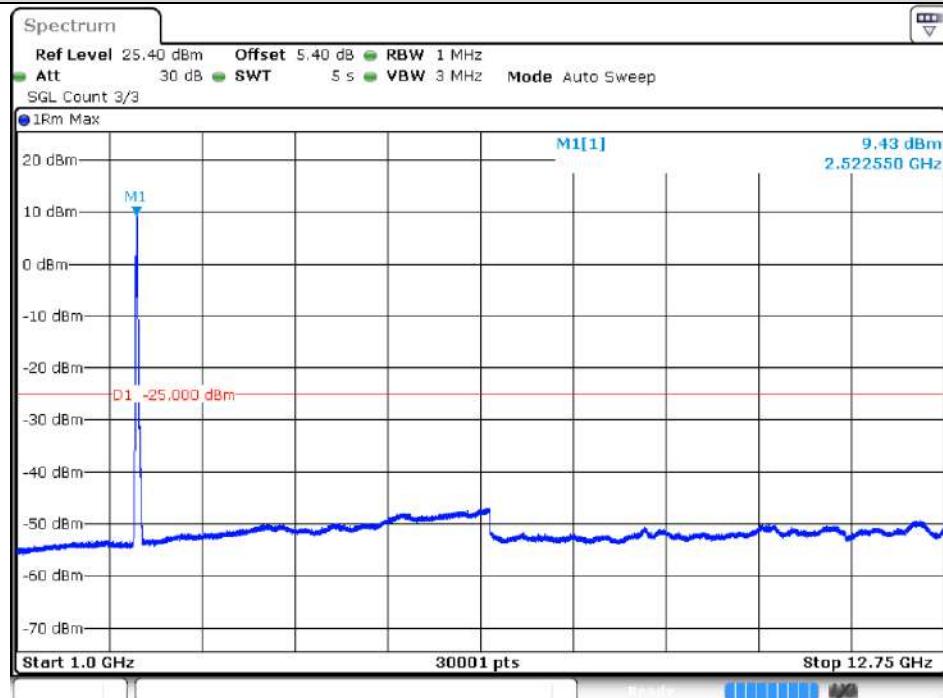
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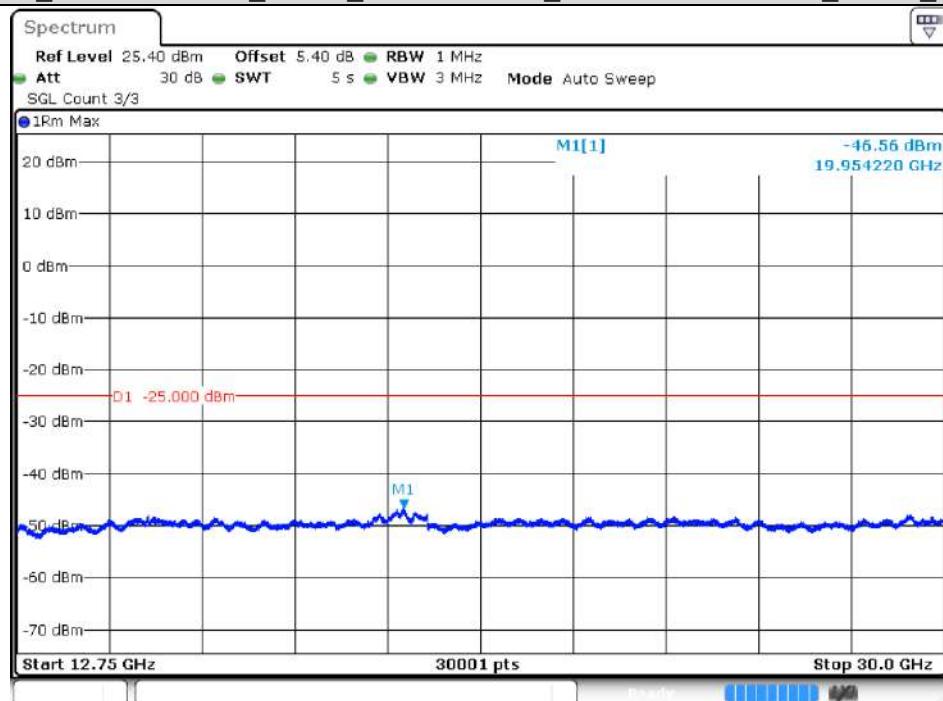
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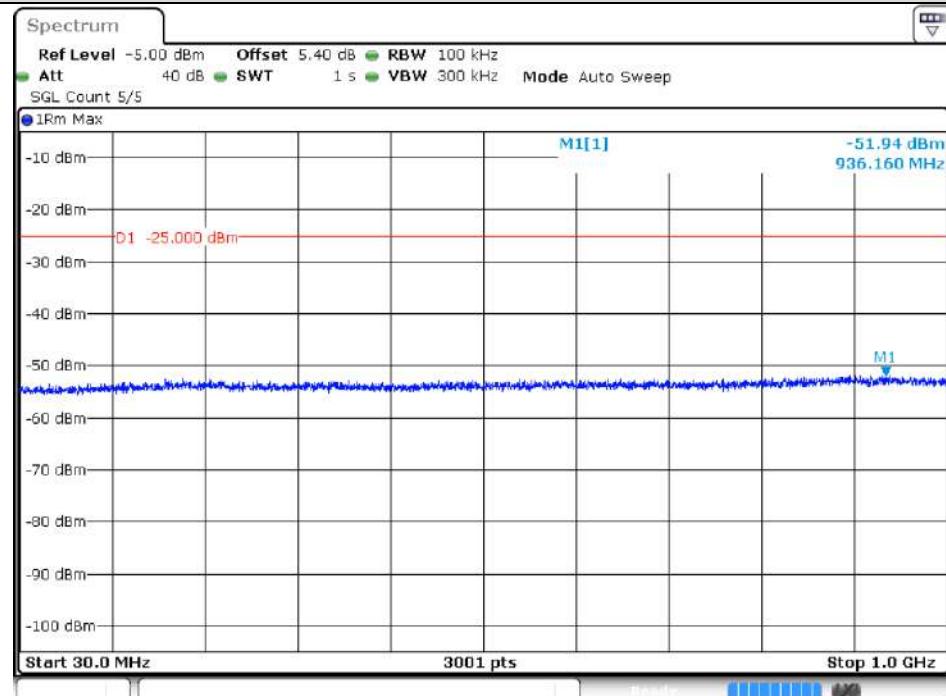
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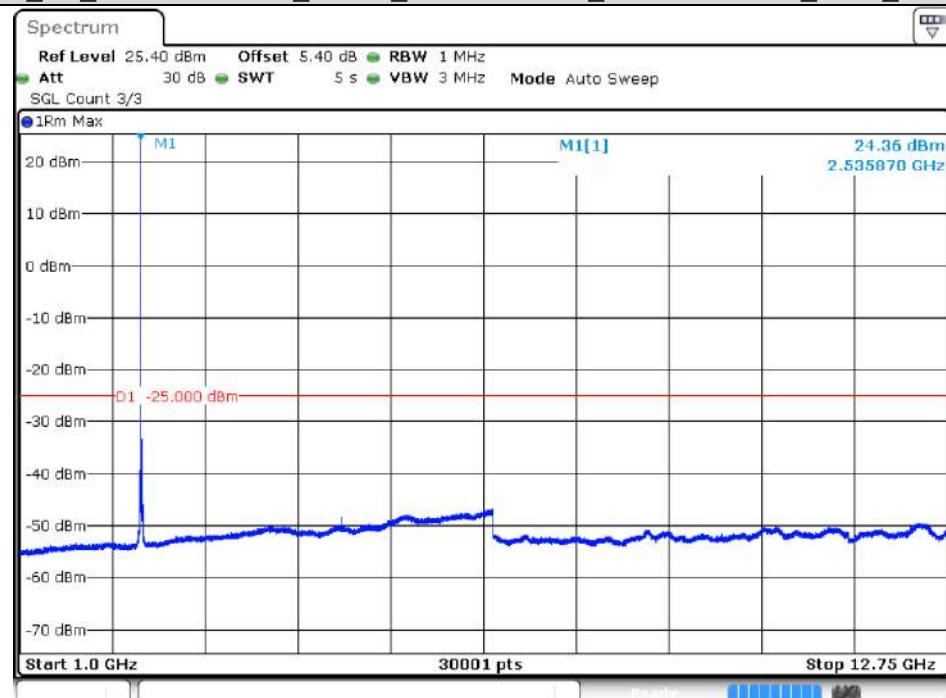
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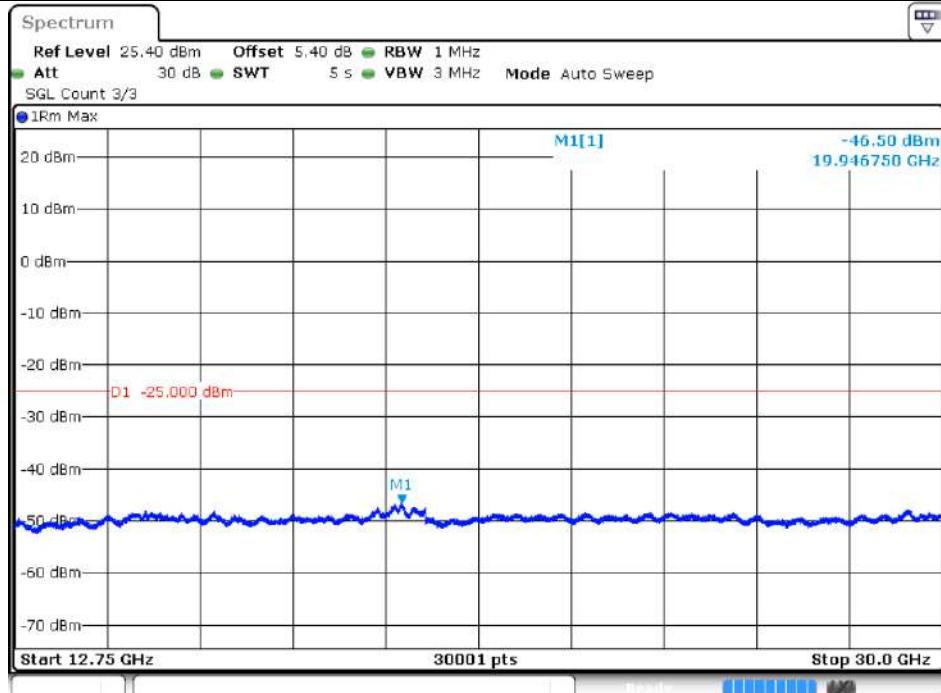
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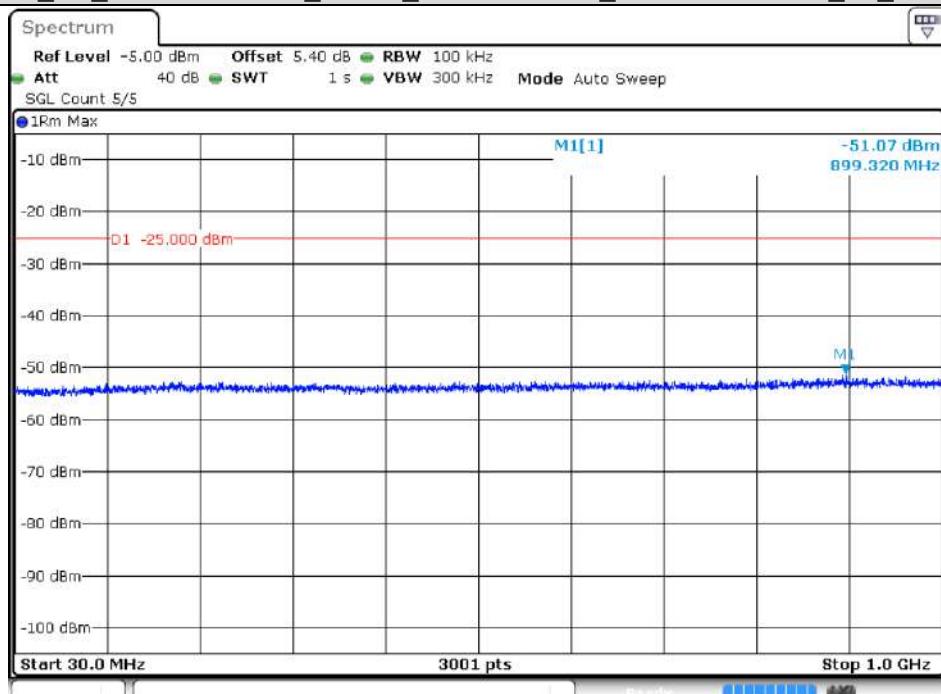
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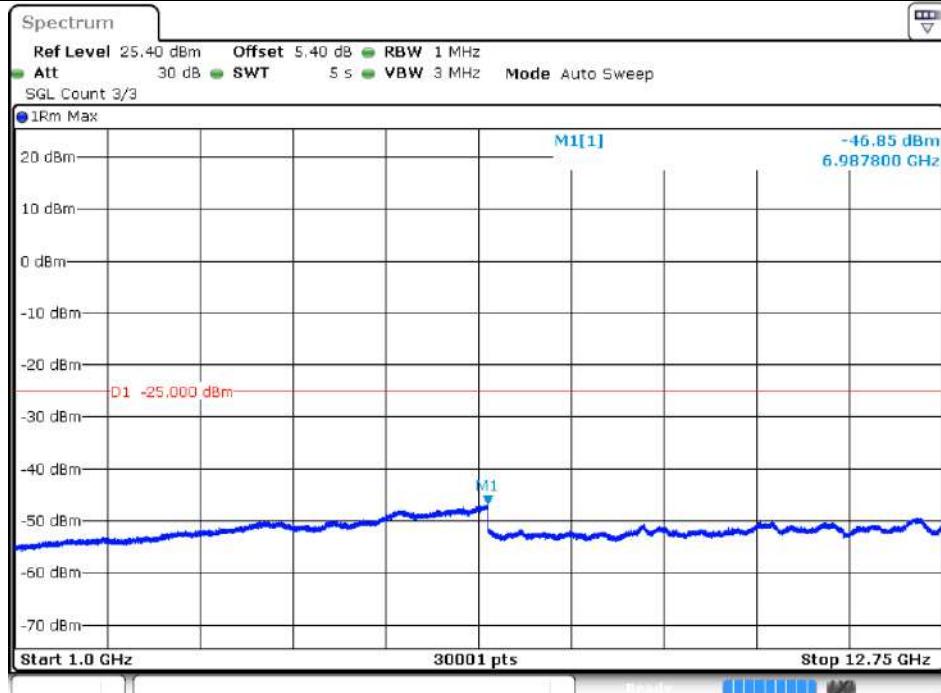
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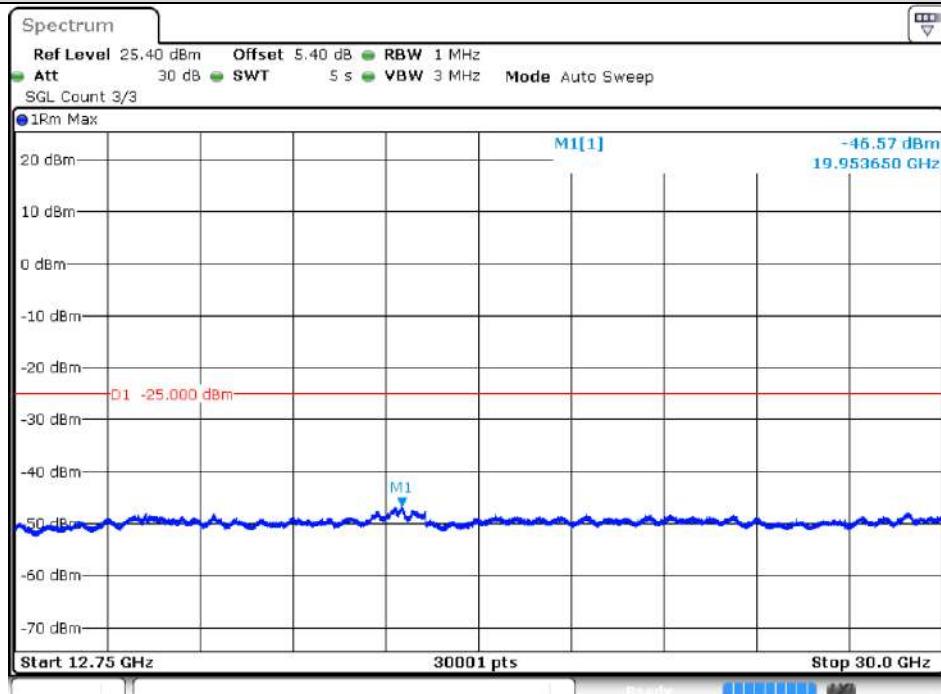
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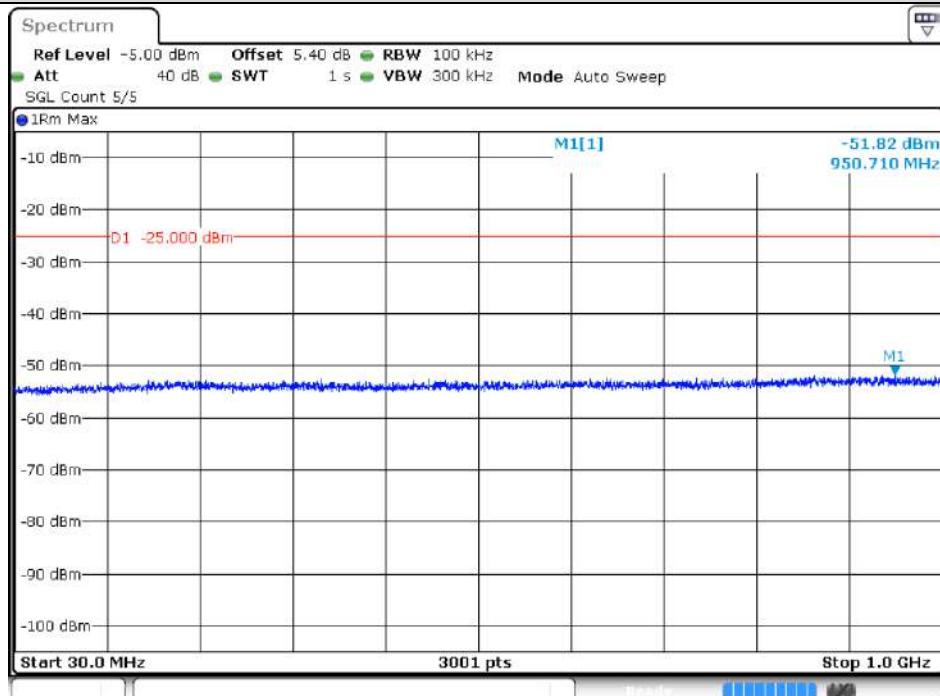
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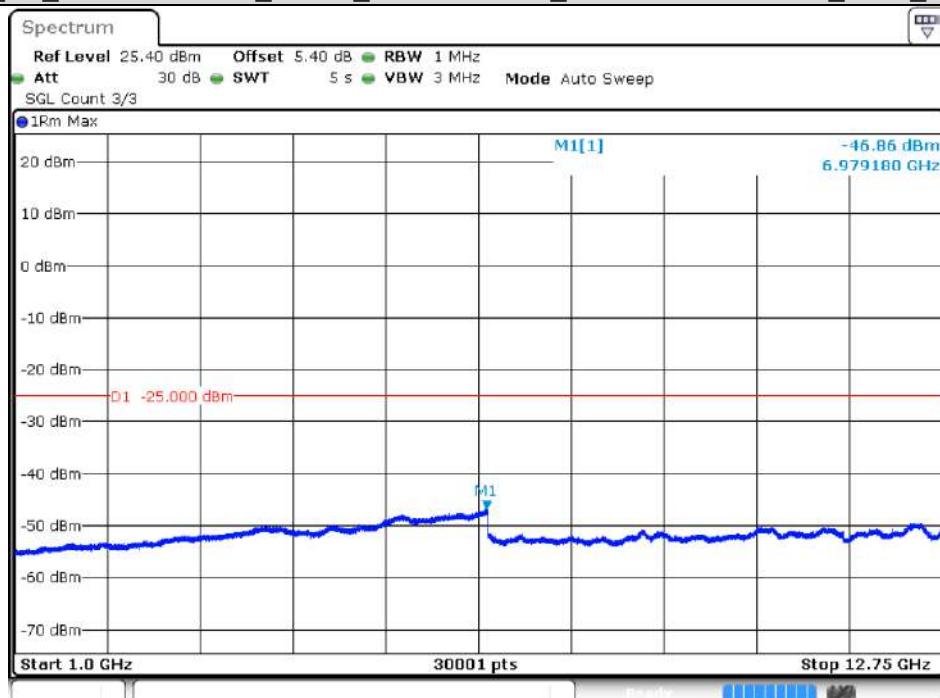


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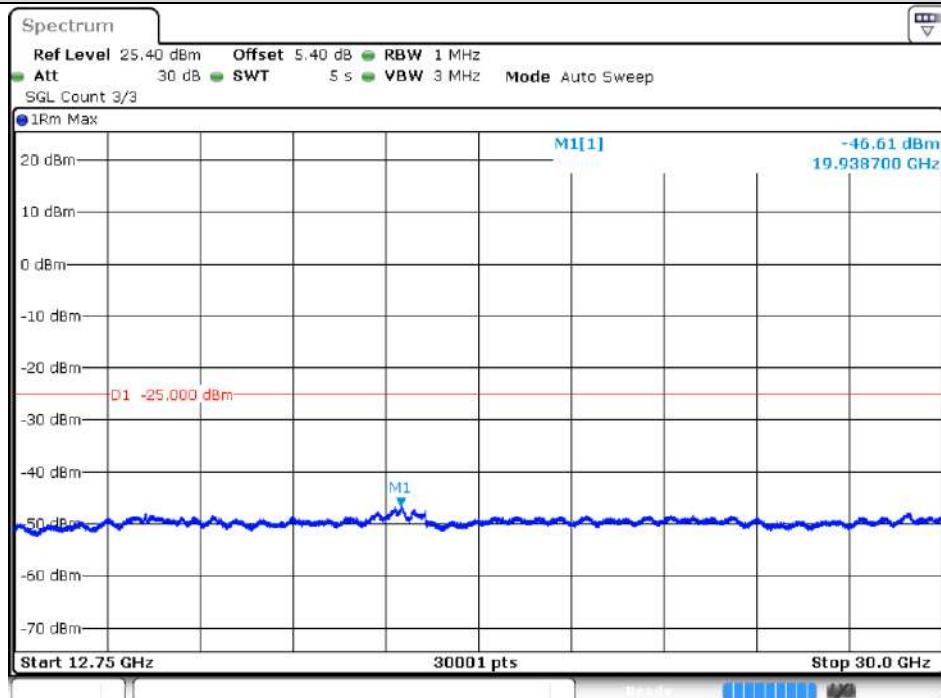
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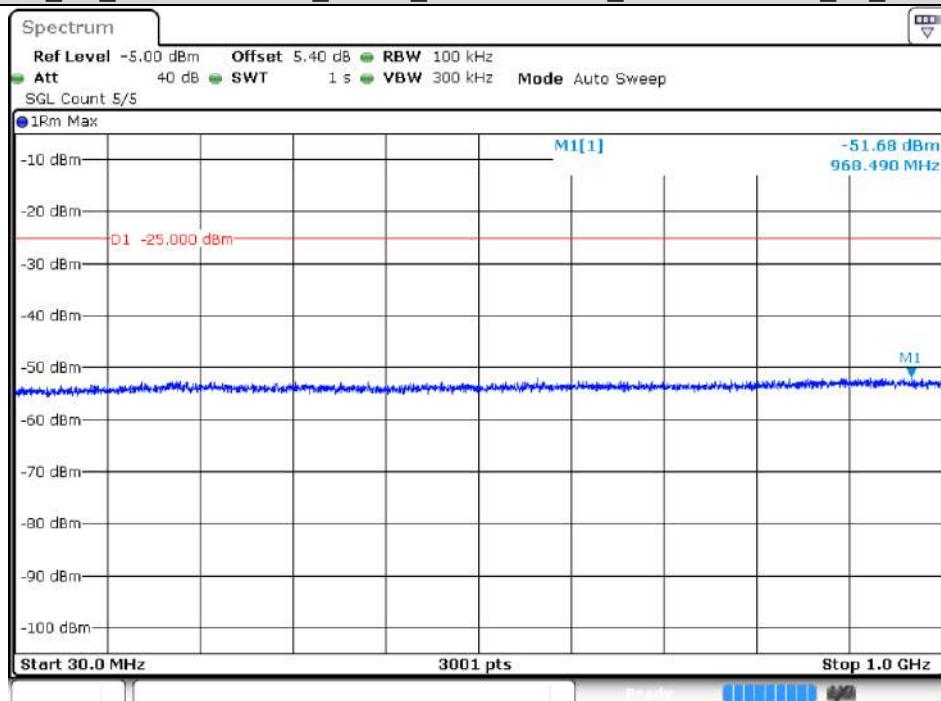
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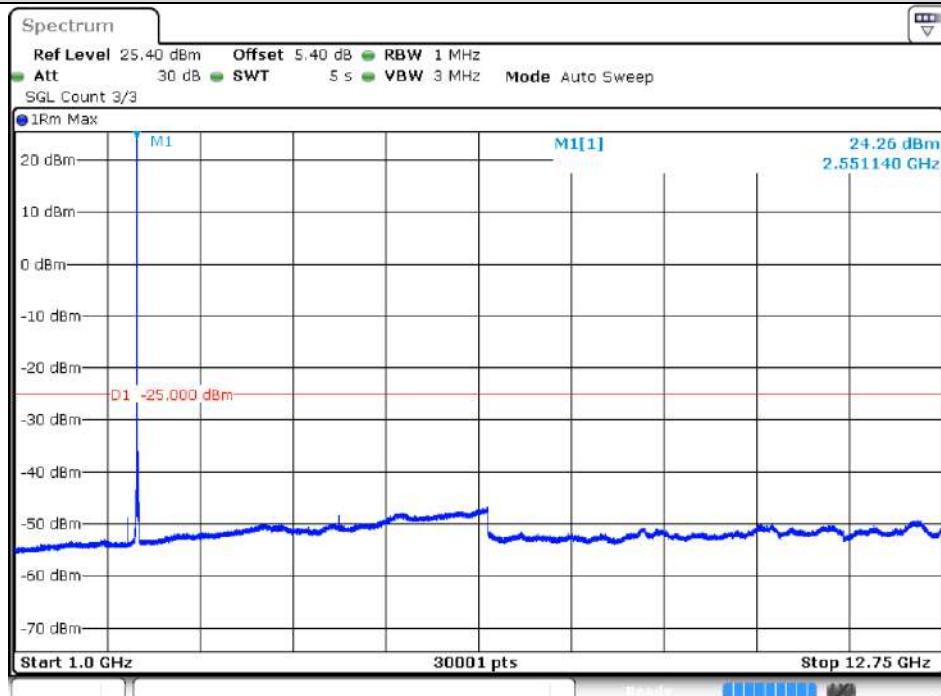
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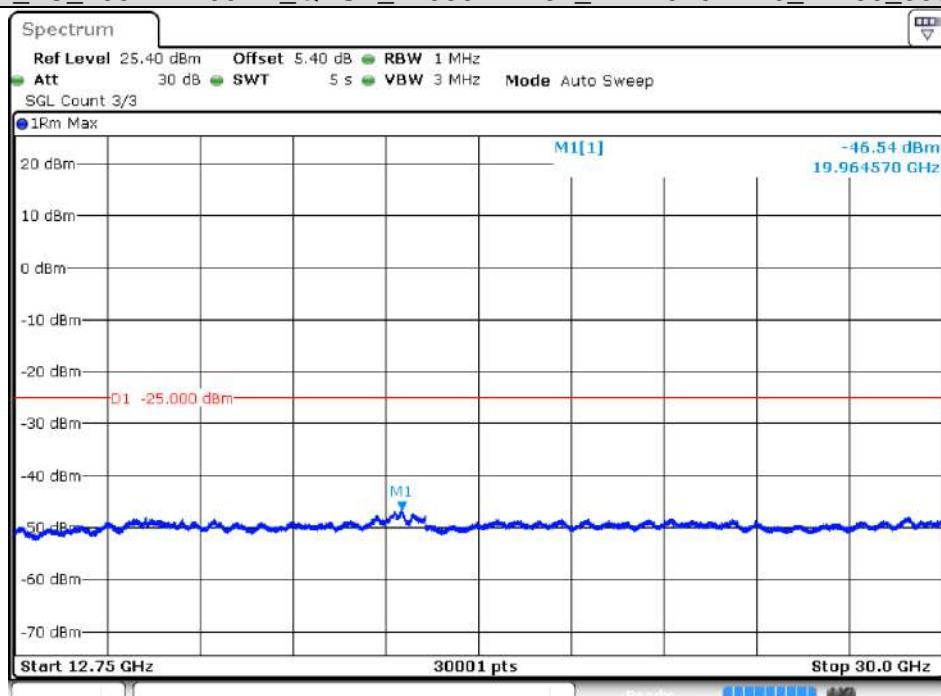
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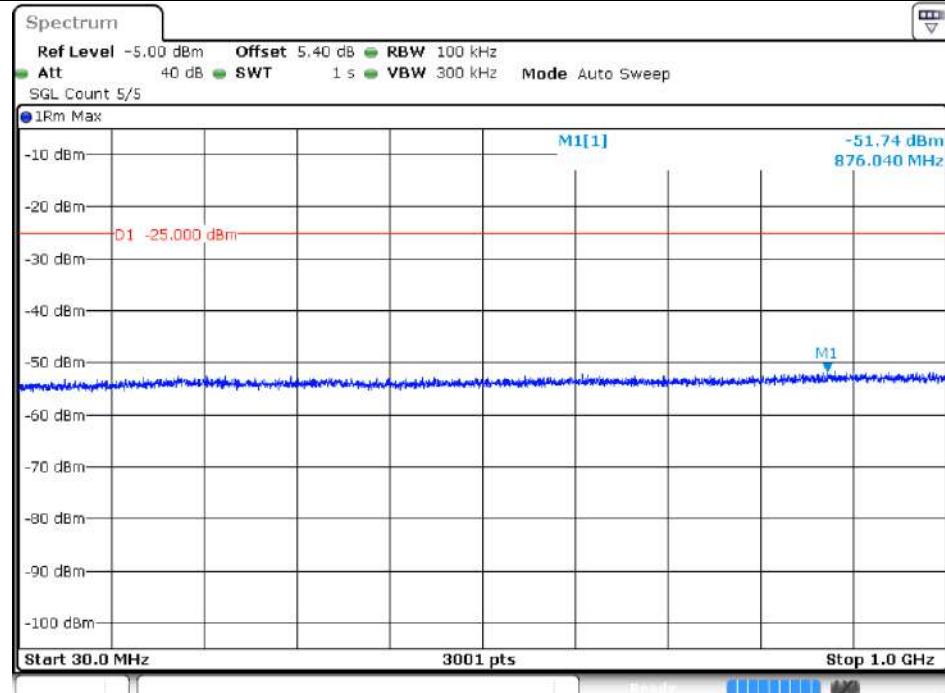


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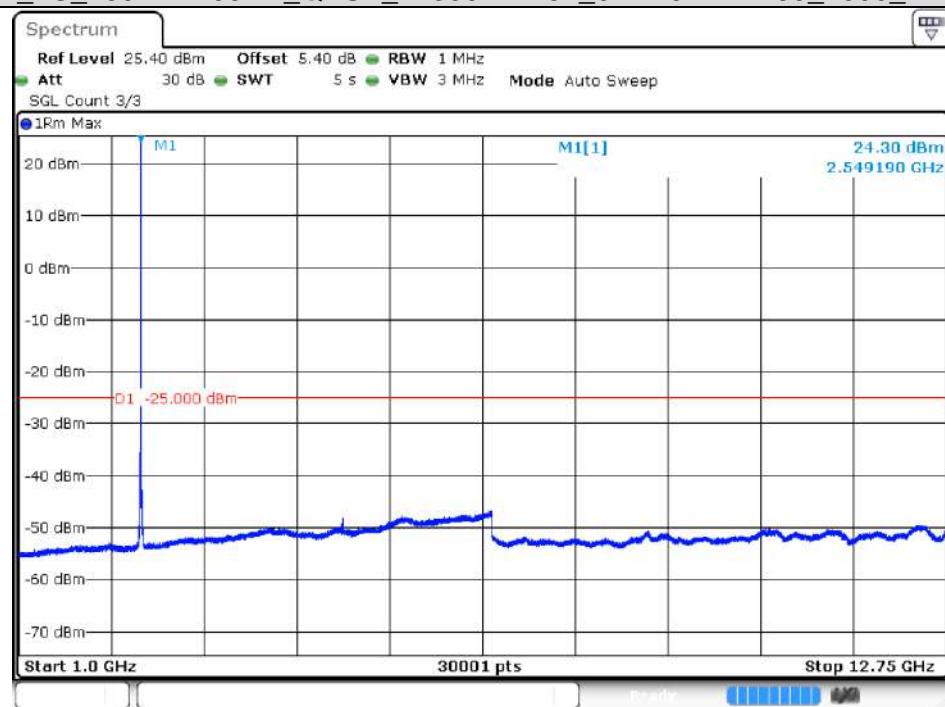


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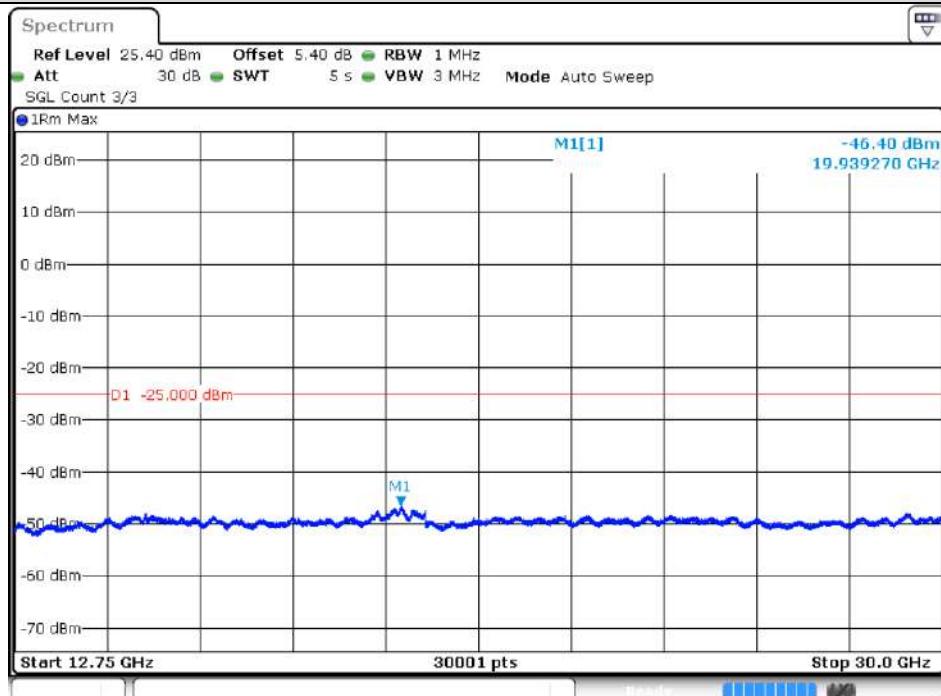
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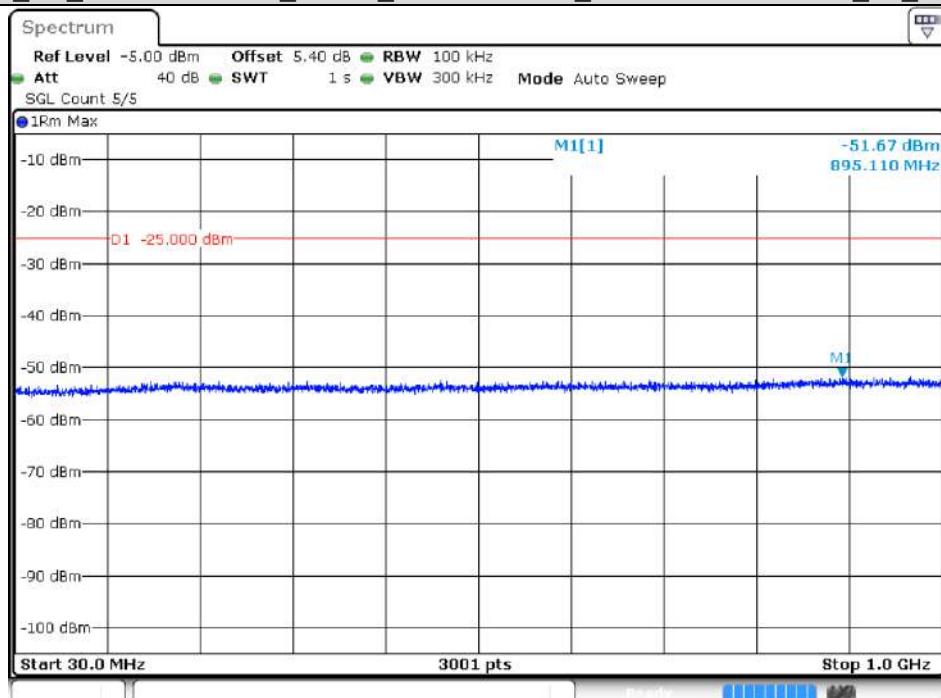
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Date: 9.DEC.2020 18:34:36

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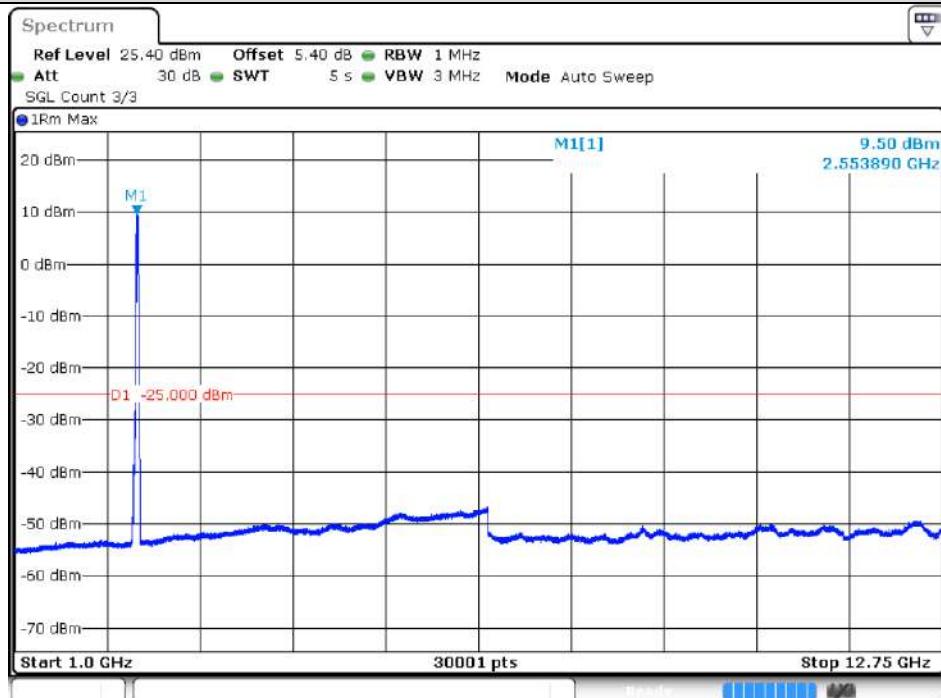
Date: 9.DEC.2020 18:19:45

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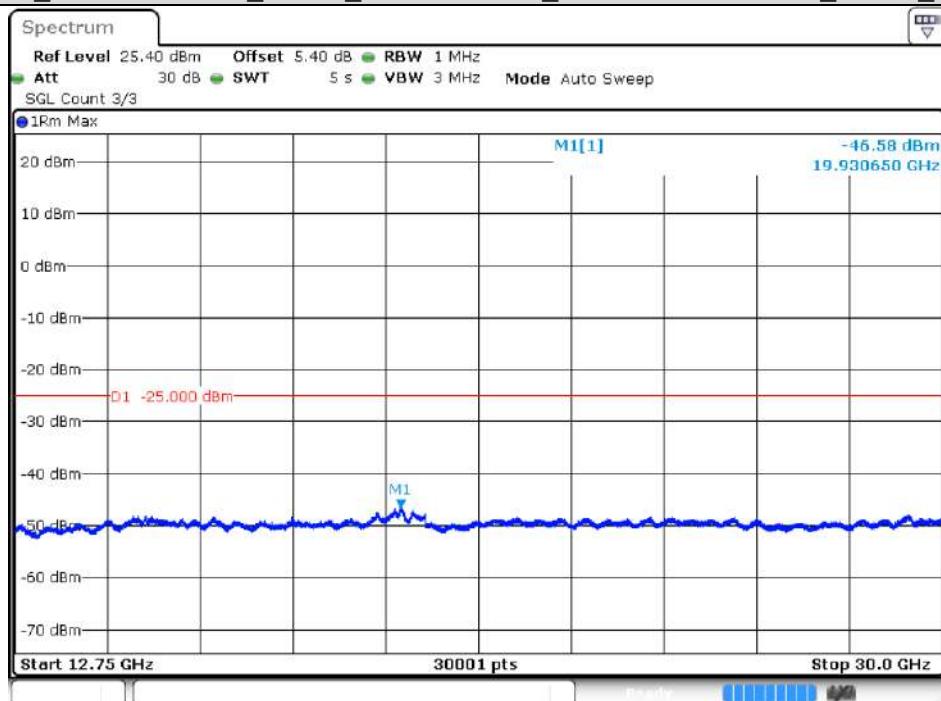
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7 Field Strength of Spurious Radiation

7.1 Test Band = LTE Band CA_7C (ANT4)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.300000	-80.13	-25.00	55.13	256	168	Vertical
125.000000	-83.82	-25.00	58.82	156	75	Vertical
315.400000	-84.13	-25.00	59.13	251	102	Vertical
5002.000000	-60.26	-25.00	35.26	265	180	Vertical
7503.200000	-49.23	-25.00	24.23	239	130	Vertical
10004.400000	-59.22	-25.00	34.22	279	180	Vertical
62.450000	-75.16	-25.00	50.16	257	180	Horizontal
159.250000	-79.86	-25.00	54.86	184	168	Horizontal
260.350000	-84.44	-25.00	59.44	171	180	Horizontal
5002.000000	-61.83	-25.00	36.83	177	180	Horizontal
7503.200000	-58.64	-25.00	33.64	280	142	Horizontal
10004.400000	-57.61	-25.00	32.61	263	142	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.900000	-79.59	-25.00	54.59	172	49	Vertical
124.950000	-83.72	-25.00	58.72	264	103	Vertical
316.200000	-83.86	-25.00	58.86	294	94	Vertical
5032.225000	-61.50	-25.00	36.50	178	166	Vertical
7548.700000	-58.39	-25.00	33.39	240	87	Vertical
10064.850000	-59.57	-25.00	34.57	232	180	Vertical
62.450000	-75.63	-25.00	50.63	200	240	Horizontal
159.300000	-80.30	-25.00	55.30	162	185	Horizontal
477.683333	-82.94	-25.00	57.94	257	139	Horizontal
5032.550000	-60.68	-25.00	35.68	250	164	Horizontal
7548.375000	-60.55	-25.00	35.55	160	276	Horizontal
10064.850000	-58.86	-25.00	33.86	181	153	Horizontal

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7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
55.550000	-79.85	-25.00	54.85	198	180	Vertical
125.000000	-83.99	-25.00	58.99	281	178	Vertical
318.950000	-83.79	-25.00	58.79	250	84	Vertical
5062.450000	-63.17	-25.00	38.17	221	177	Vertical
7593.875000	-42.72	-25.00	17.72	237	154	Vertical
10125.300000	-59.09	-25.00	34.09	165	177	Vertical
62.450000	-75.50	-25.00	50.50	178	58	Horizontal
159.200000	-79.14	-25.00	54.14	235	179	Horizontal
476.445833	-83.05	-25.00	58.05	211	32	Horizontal
5062.450000	-57.93	-25.00	32.93	256	165	Horizontal
7593.875000	-50.36	-25.00	25.36	239	120	Horizontal
12656.725000	-58.38	-25.00	33.38	177	143	Horizontal

7.2 Test Band = LTE Band CA_7C (ANT3)
7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.700000	-79.20	-25.00	54.20	210	179	Vertical
125.000000	-83.64	-25.00	58.64	245	22	Vertical
342.450000	-83.83	-25.00	58.83	166	59	Vertical
4390.025000	-65.57	-25.00	40.57	216	2	Vertical
7503.200000	-50.60	-25.00	25.60	201	130	Vertical
10621.250000	-60.67	-25.00	35.67	263	94	Vertical
62.950000	-75.49	-25.00	50.49	254	96	Horizontal
159.250000	-83.99	-25.00	58.99	236	180	Horizontal
329.350000	-84.02	-25.00	59.02	191	134	Horizontal
4441.700000	-65.41	-25.00	40.41	277	153	Horizontal
7503.525000	-54.65	-25.00	29.65	275	106	Horizontal
10576.725000	-61.25	-25.00	36.25	170	93	Horizontal

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7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.400000	-79.85	-25.00	54.85	277	21	Vertical
125.000000	-83.38	-25.00	58.38	223	178	Vertical
336.800000	-83.48	-25.00	58.48	152	0	Vertical
4384.825000	-65.03	-25.00	40.03	181	61	Vertical
7548.700000	-50.81	-25.00	25.81	235	155	Vertical
10643.675000	-60.92	-25.00	35.92	289	0	Vertical
63.000000	-75.82	-25.00	50.82	205	141	Horizontal
159.250000	-84.86	-25.00	59.86	290	170	Horizontal
325.100000	-84.60	-25.00	59.60	229	132	Horizontal
4285.700000	-65.45	-25.00	40.45	162	179	Horizontal
7548.700000	-54.39	-25.00	29.39	230	179	Horizontal
10646.275000	-61.23	-25.00	36.23	182	2	Horizontal

7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.550000	-79.98	-25.00	54.98	231	49	Vertical
125.000000	-83.53	-25.00	58.53	238	0	Vertical
343.100000	-83.82	-25.00	58.82	273	179	Vertical
4270.100000	-65.39	-25.00	40.39	291	26	Vertical
7593.875000	-51.66	-25.00	26.66	245	141	Vertical
11278.075000	-61.49	-25.00	36.49	150	0	Vertical
56.200000	-76.20	-25.00	51.20	174	105	Horizontal
159.200000	-84.19	-25.00	59.19	238	179	Horizontal
325.850000	-84.96	-25.00	59.96	279	132	Horizontal
4293.825000	-65.05	-25.00	40.05	174	95	Horizontal
7593.875000	-55.75	-25.00	30.75	251	83	Horizontal
10628.075000	-61.21	-25.00	36.21	241	49	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz and above 12.75GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

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8 Frequency Stability

8.1 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	-10.42	-0.004159	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	TN	NV	2.62	0.001038	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	TN	NV	9.94	0.003914	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	TN	NV	-0.13	-0.000050	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	TN	NV	-6.45	-0.002533	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	TN	NV	9.99	0.003904	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	TN	NV	2.66	0.001063	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	TN	NV	-9.09	-0.003601	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	TN	NV	13.90	0.005474	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	TN	NV	-5.13	-0.002027	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	TN	NV	12.28	0.004825	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	TN	NV	11.93	0.004662	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	TN	NV	-8.18	-0.003266	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	TN	NV	-3.72	-0.001473	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	TN	NV	7.24	0.002851	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	TN	NV	5.73	0.002264	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	TN	NV	12.26	0.004819	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	TN	NV	-7.22	-0.002819	PASS

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8.2 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	-10.54	-0.004207	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-20	-11.65	-0.004648	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-10	8.84	0.003529	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	0	-13.42	-0.005356	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	10	-14.19	-0.005665	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	20	-11.09	-0.004424	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	30	-9.30	-0.003712	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	40	-3.24	-0.001294	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	50	-13.67	-0.005455	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-30	-0.41	-0.000161	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-20	-0.02	-0.000007	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-10	11.02	0.004363	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	0	-12.92	-0.005115	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	10	-5.33	-0.002112	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	20	6.36	0.002519	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	30	2.58	0.001021	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	40	-9.55	-0.003781	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	50	-4.10	-0.001625	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-30	4.83	0.001902	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-20	0.26	0.000103	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-10	9.21	0.003626	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	0	-9.84	-0.003872	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	10	7.70	0.003030	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	20	-7.99	-0.003144	PASS

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CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	30	3.59	0.001414	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	40	-10.19	-0.004010	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	50	-6.28	-0.002472	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-30	-6.62	-0.002615	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-20	-5.85	-0.002314	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-10	-4.95	-0.001955	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	0	0.63	0.000248	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	10	1.34	0.000531	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	20	10.78	0.004261	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	30	-0.13	-0.000052	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	40	12.25	0.004843	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	50	-1.34	-0.000531	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-30	7.59	0.002981	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-20	-3.74	-0.001470	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-10	9.53	0.003745	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	0	-14.33	-0.005629	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	10	5.54	0.002177	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	20	10.22	0.004016	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	30	2.32	0.000910	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	40	0.77	0.000303	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	50	-5.17	-0.002032	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-30	-13.95	-0.005450	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-20	-7.83	-0.003059	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-10	14.06	0.005492	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	0	0.63	0.000245	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	10	-13.80	-0.005389	PASS

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CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	20	6.88	0.002688	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	30	-9.11	-0.003559	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	40	-4.66	-0.001822	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	50	-3.21	-0.001255	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-30	-2.37	-0.000944	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-20	5.65	0.002254	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-10	-7.33	-0.002925	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	0	2.65	0.001058	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	10	0.91	0.000365	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	20	8.82	0.003519	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	30	-13.83	-0.005518	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	40	6.08	0.002428	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	50	-8.50	-0.003391	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-30	-4.79	-0.001898	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-20	-7.30	-0.002891	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-10	-12.06	-0.004777	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	0	-0.86	-0.000342	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	10	-3.22	-0.001277	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	20	3.41	0.001350	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	30	5.31	0.002104	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	40	0.40	0.000158	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	50	0.07	0.000030	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-30	10.54	0.004148	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-20	12.53	0.004933	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-10	4.49	0.001768	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	0	-12.05	-0.004745	PASS

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CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	10	5.27	0.002075	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	20	-7.81	-0.003075	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	30	-6.78	-0.002669	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	40	-7.98	-0.003141	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	50	6.73	0.002649	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-30	7.35	0.002905	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-20	0.02	0.000007	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-10	9.08	0.003589	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	0	5.87	0.002321	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	10	-4.72	-0.001866	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	20	12.97	0.005128	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	30	-11.30	-0.004468	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	40	1.40	0.000554	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	50	-7.87	-0.003110	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-30	12.87	0.005058	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-20	-2.50	-0.000984	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-10	4.85	0.001907	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	0	7.89	0.003100	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	10	-12.21	-0.004797	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	20	-1.53	-0.000599	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	30	11.32	0.004449	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	40	4.77	0.001876	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	50	-6.47	-0.002543	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-30	-8.81	-0.003443	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-20	1.36	0.000532	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-10	-0.24	-0.000093	PASS

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CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	0	9.99	0.003903	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	10	3.19	0.001246	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	20	-12.23	-0.004777	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	30	4.06	0.001587	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	40	5.31	0.002073	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	50	8.28	0.003235	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-30	9.08	0.003624	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-20	-5.30	-0.002115	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-10	-6.76	-0.002697	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	0	3.53	0.001408	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	10	-3.29	-0.001314	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	20	-5.98	-0.002387	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	30	-0.53	-0.000210	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	40	0.24	0.000097	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	50	9.13	0.003642	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-30	-7.68	-0.003041	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-20	-2.51	-0.000994	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-10	-9.93	-0.003934	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	0	0.63	0.000250	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	10	-5.29	-0.002095	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	20	-12.46	-0.004935	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	30	-7.84	-0.003106	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	40	-4.31	-0.001705	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	50	-11.86	-0.004697	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-30	11.35	0.004466	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-20	-0.99	-0.000391	PASS

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CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-10	-6.44	-0.002535	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	0	5.06	0.001992	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	10	-13.18	-0.005189	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	20	12.63	0.004973	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	30	-11.40	-0.004489	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	40	-11.04	-0.004344	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	50	-13.84	-0.005449	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-30	-6.69	-0.002645	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-20	-2.43	-0.000961	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-10	7.05	0.002785	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	0	1.58	0.000626	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	10	-10.96	-0.004332	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	20	-9.23	-0.003647	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	30	6.87	0.002714	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	40	-10.10	-0.003991	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	50	1.61	0.000635	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-30	1.68	0.000661	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-20	14.85	0.005837	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-10	3.46	0.001359	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	0	1.57	0.000617	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	10	-7.28	-0.002859	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	20	-3.88	-0.001524	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	30	8.28	0.003255	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	40	-6.71	-0.002638	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	50	8.09	0.003178	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-30	-14.52	-0.005672	PASS

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CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-20	-6.47	-0.002529	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-10	-0.83	-0.000325	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	0	-13.03	-0.005091	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	10	-12.95	-0.005060	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	20	-7.30	-0.002852	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	30	-11.52	-0.004499	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	40	-1.94	-0.000758	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	50	9.06	0.003540	PASS

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