



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(ANT2)

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	23.59	21.39	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	22.63	20.43	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	23.27	21.07	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	23.58	21.38	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	22.49	20.29	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	22.97	20.77	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	23.69	21.49	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	23.69	21.49	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	23.06	20.86	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	22.71	20.51	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	23.68	21.48	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	23.25	21.05	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	23.71	21.51	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	23.6	21.4	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	23.07	20.87	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	23.77	21.57	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	23.7	21.5	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	23.22	21.02	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	23.38	21.18	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	23.7	21.5	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	23.78	21.58	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	23.75	21.55	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	23.75	21.55	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	23.15	20.95	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	23.61	21.41	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	23.74	21.54	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	23.77	21.57	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	23.76	21.56	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	23.35	21.15	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	23.15	20.95	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	23.88	21.68	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	23.53	21.33	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	23.4	21.2	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	23.19	20.99	33.00	PASS





CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	22.34	20.14	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	22.56	20.36	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	23	20.8	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	21.83	19.63	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	22.19	19.99	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	22.74	20.54	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	23.04	20.84	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	22.24	20.04	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	21.93	19.73	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	22.6	20.4	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	22.51	20.31	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	23.23	21.03	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	22.59	20.39	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	22.48	20.28	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	22.85	20.65	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	23.06	20.86	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	22.26	20.06	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	22.55	20.35	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	22.76	20.56	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	23.1	20.9	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	22.82	20.62	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	23.11	20.91	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	22.22	20.02	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	22.63	20.43	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	22.62	20.42	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	23.13	20.93	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	22.79	20.59	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	22.93	20.73	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	22.36	20.16	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	22.36	20.16	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	22.8	20.6	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	22.64	20.44	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	21.87	19.67	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	20.29	18.09	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	20.35	18.15	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	21.82	19.62	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	19.5	17.3	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	20.06	17.86	33.00	PASS





CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	21.71	19.51	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	21.89	19.69	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	20.32	18.12	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	19.96	17.76	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	20.54	18.34	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	20.33	18.13	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	21.22	19.02	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	20.3	18.1	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	20.46	18.26	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	21.91	19.71	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	21.91	19.71	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	20.27	18.07	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	20.44	18.24	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	20.77	18.57	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	21.1	18.9	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	21.47	19.27	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	21.67	19.47	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	20.42	18.22	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	20.82	18.62	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	20.61	18.41	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	20.32	18.12	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	20.82	18.62	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	20.76	18.56	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	20.08	17.88	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	21.32	19.12	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	20.85	18.65	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	20.7	18.5	33.00	PASS

Remark:

1. For Ant2 & Ant3, the whole testing has assessed Ant2 by referring to the higher conducted power.
2. The Maximum ERP/EIRP is calculated from Max Output power and Max antenna gain, only the maximum ERP/EIRP is shown in the report
3. For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

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

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



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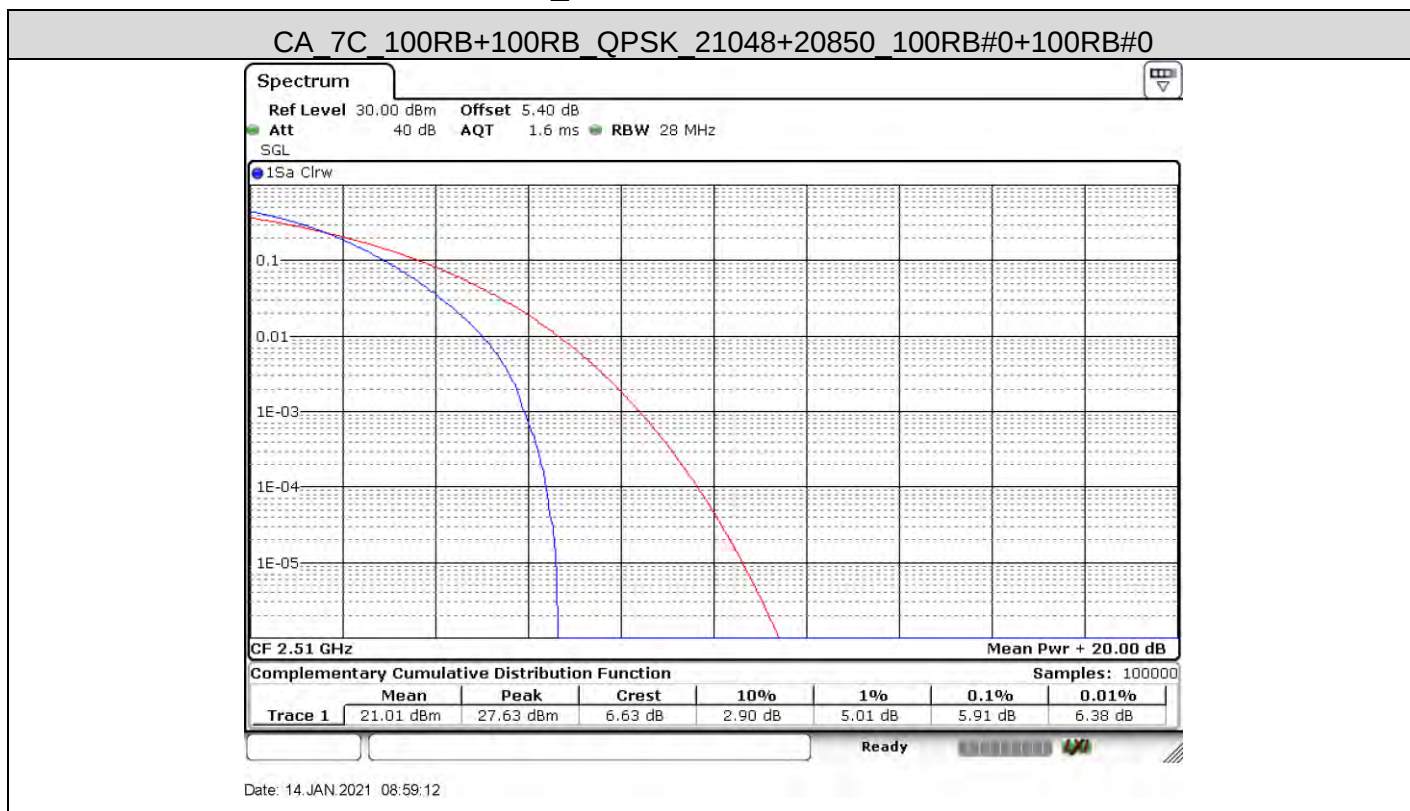
2 Peak-to-Average Ratio

Part I - Test Results

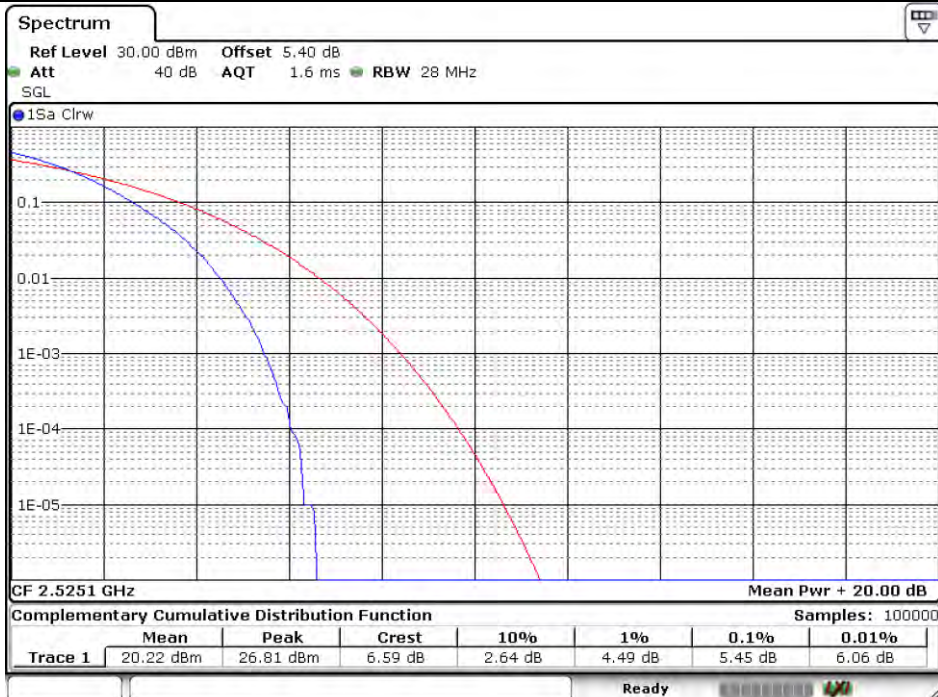
Test Band	Modulation	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_7C	QPSK	100RB+100RB	21048+20850	100RB#0	100RB#0	5.91	13.00	PASS
CA_7C	QPSK	100RB+100RB	21199+21001	100RB#0	100RB#0	5.45	13.00	PASS
CA_7C	QPSK	100RB+100RB	21350+21152	100RB#0	100RB#0	5.16	13.00	PASS
CA_7C	16QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	5.39	13.00	PASS
CA_7C	16QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	5.57	13.00	PASS
CA_7C	16QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	5.59	13.00	PASS
CA_7C	64QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	5.86	13.00	PASS
CA_7C	64QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	5.48	13.00	PASS
CA_7C	64QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	7.01	13.00	PASS

2.1 For LTE

2.1.1 Test Band = LTE Band CA_7C



CA 7C 100RB+100RB QPSK 21199+21001 100RB#0+100RB#0



Date: 14. JAN. 2021 09:01:42

CA 7C 100RB+100RB QPSK 21350+21152 100RB#0+100RB#0



Date: 14. JAN. 2021 09:02:45



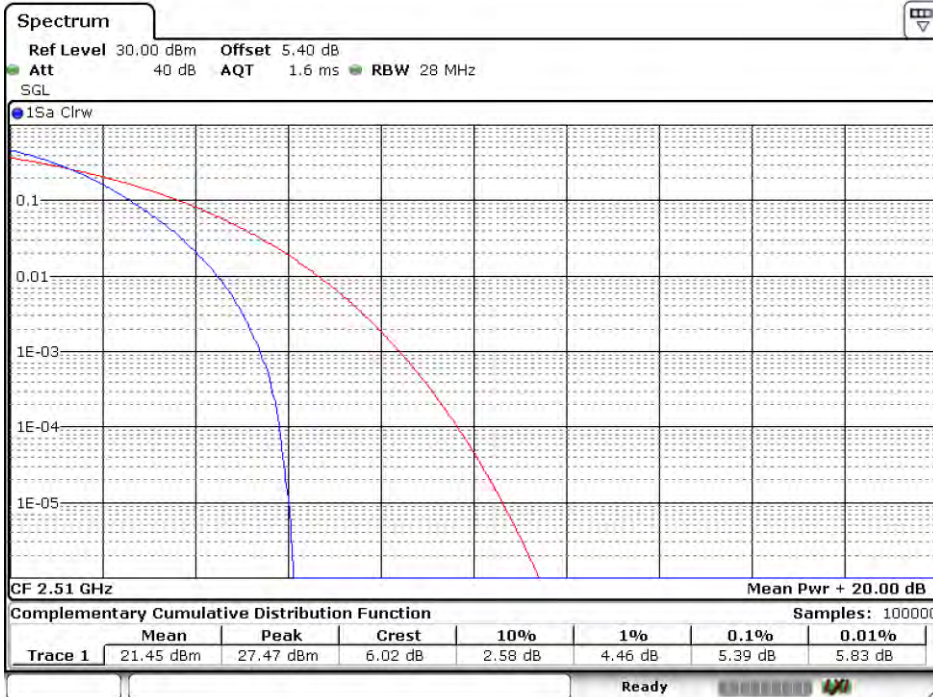
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CA 7C 100RB+100RB 16QAM 21048+20850 100RB#0+100RB#0



Date: 14. JAN. 2021 08:59:32

CA 7C 100RB+100RB 16QAM 21199+21001 100RB#0+100RB#0



Date: 14. JAN. 2021 09:01:53



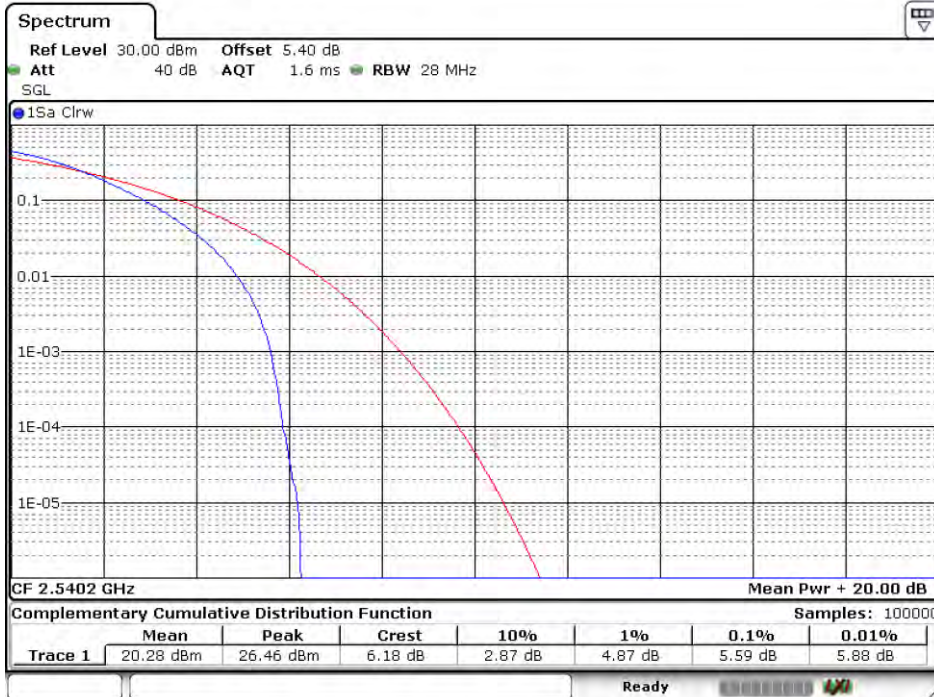
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CA 7C 100RB+100RB 16QAM 21350+21152 100RB#0+100RB#0



Date: 14. JAN. 2021 09:02:54

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: 14. JAN. 2021 09:02:01

CA 7C 100RB+100RB 64QAM 21350+21152 100RB#0+100RB#0



Date: 14. JAN. 2021 09:03:16



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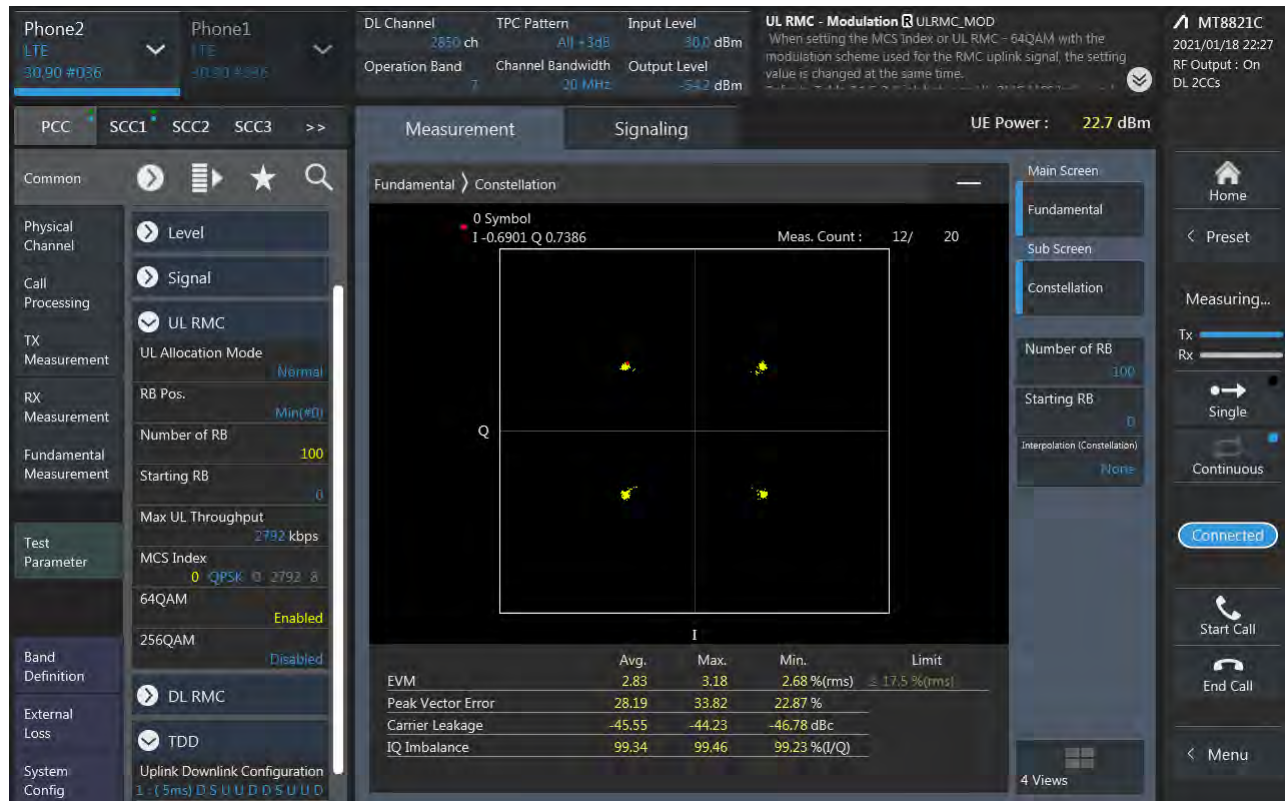
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_7C

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

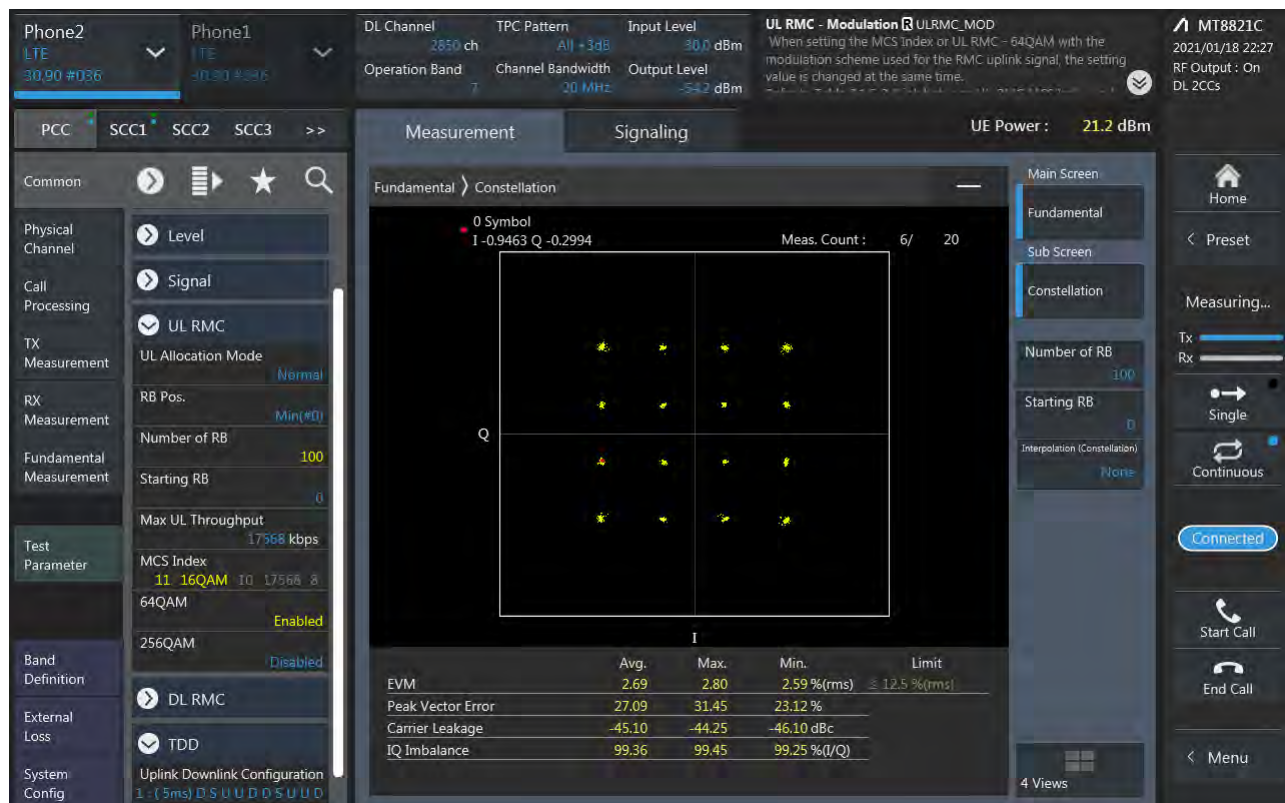
3.1.1.1.1 Test Channel = 20850+20994





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

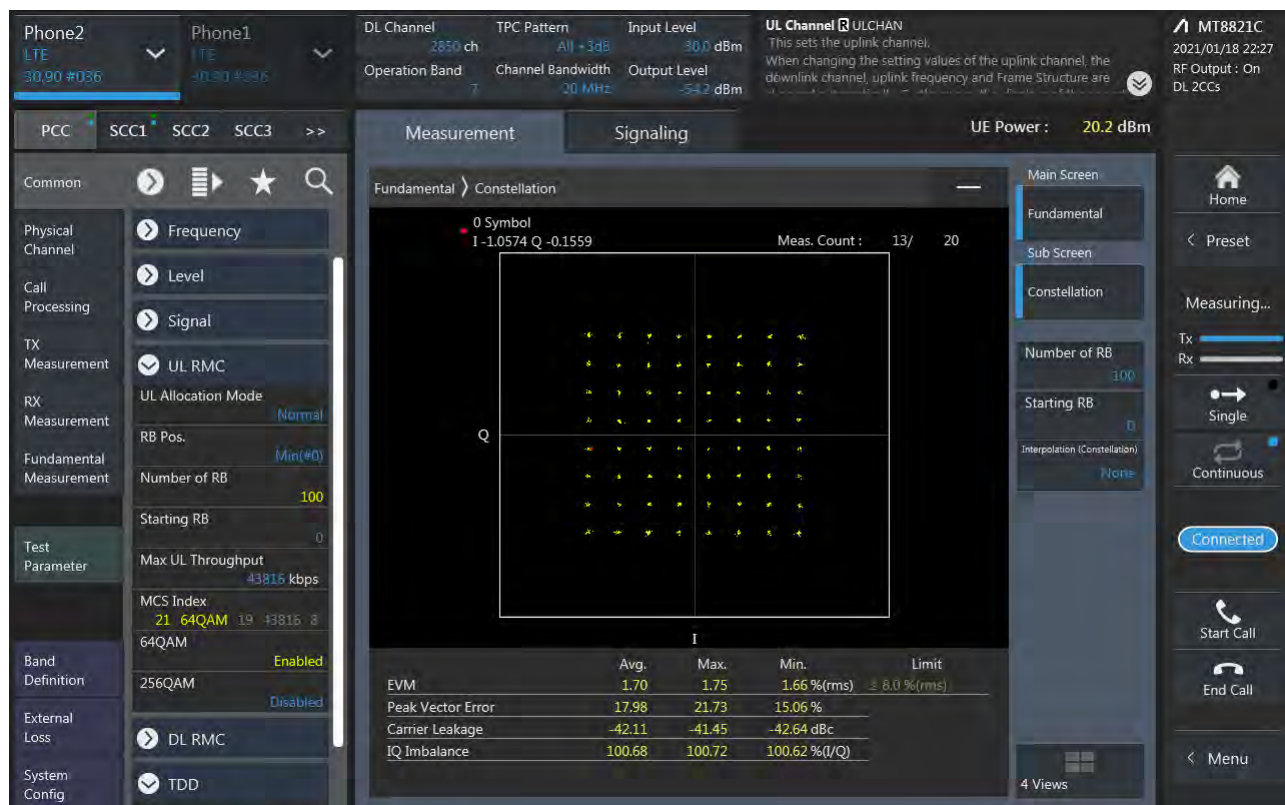
3.1.1.2.1 Test Channel =20850+20994





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

3.1.1.3.1 Test Channel = 20850+20994



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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	27.58	28.51	PASS
CA_7C	50RB+100RB	16QAM	20805+20949	50RB#0+100RB#0	27.53	28.57	PASS
CA_7C	50RB+100RB	64QAM	20805+20949	50RB#0+100RB#0	27.55	28.57	PASS
CA_7C	50RB+100RB	QPSK	21006+21150	50RB#0+100RB#0	27.67	28.46	PASS
CA_7C	50RB+100RB	16QAM	21006+21150	50RB#0+100RB#0	27.62	28.55	PASS
CA_7C	50RB+100RB	64QAM	21006+21150	50RB#0+100RB#0	27.64	28.61	PASS
CA_7C	50RB+100RB	QPSK	21206+21350	50RB#0+100RB#0	27.35	28.43	PASS
CA_7C	50RB+100RB	16QAM	21206+21350	50RB#0+100RB#0	27.35	28.51	PASS
CA_7C	50RB+100RB	64QAM	21206+21350	50RB#0+100RB#0	27.37	28.55	PASS
CA_7C	75RB+50RB	QPSK	20825+20945	75RB#0+50RB#0	23.18	24.39	PASS
CA_7C	75RB+50RB	16QAM	20825+20945	75RB#0+50RB#0	23.31	24.37	PASS
CA_7C	75RB+50RB	64QAM	20825+20945	75RB#0+50RB#0	23.11	24.25	PASS
CA_7C	75RB+50RB	QPSK	21051+21171	75RB#0+50RB#0	23.06	24.43	PASS
CA_7C	75RB+50RB	16QAM	21051+21171	75RB#0+50RB#0	23.31	24.38	PASS
CA_7C	75RB+50RB	64QAM	21051+21171	75RB#0+50RB#0	22.98	24.33	PASS
CA_7C	75RB+50RB	QPSK	21277+21397	75RB#0+50RB#0	22.91	24.35	PASS
CA_7C	75RB+50RB	16QAM	21277+21397	75RB#0+50RB#0	23.09	24.33	PASS
CA_7C	75RB+50RB	64QAM	21277+21397	75RB#0+50RB#0	23.06	24.35	PASS
CA_7C	75RB+75RB	QPSK	20825+20975	75RB#0+75RB#0	28.21	29.20	PASS
CA_7C	75RB+75RB	16QAM	20825+20975	75RB#0+75RB#0	28.18	29.17	PASS
CA_7C	75RB+75RB	64QAM	20825+20975	75RB#0+75RB#0	28.15	29.20	PASS
CA_7C	75RB+75RB	QPSK	21025+21175	75RB#0+75RB#0	28.25	29.27	PASS
CA_7C	75RB+75RB	16QAM	21025+21175	75RB#0+75RB#0	28.27	29.24	PASS
CA_7C	75RB+75RB	64QAM	21025+21175	75RB#0+75RB#0	28.25	29.20	PASS
CA_7C	75RB+75RB	QPSK	21225+21375	75RB#0+75RB#0	27.88	29.11	PASS
CA_7C	75RB+75RB	16QAM	21225+21375	75RB#0+75RB#0	28.09	29.17	PASS
CA_7C	75RB+75RB	64QAM	21225+21375	75RB#0+75RB#0	28.07	29.20	PASS
CA_7C	75RB+100RB	QPSK	20828+20999	75RB#0+100RB#0	32.51	33.85	PASS
CA_7C	75RB+100RB	16QAM	20828+20999	75RB#0+100RB#0	32.45	33.91	PASS
CA_7C	75RB+100RB	64QAM	20828+20999	75RB#0+100RB#0	32.47	33.89	PASS
CA_7C	75RB+100RB	QPSK	21003+21174	75RB#0+100RB#0	32.41	33.97	PASS
CA_7C	75RB+100RB	16QAM	21003+21174	75RB#0+100RB#0	32.67	33.87	PASS
CA_7C	75RB+100RB	64QAM	21003+21174	75RB#0+100RB#0	32.33	33.61	PASS



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CA_7C	75RB+100RB	QPSK	21179+21350	75RB#0+100RB#0	32.35	33.75	PASS
CA_7C	75RB+100RB	16QAM	21179+21350	75RB#0+100RB#0	32.35	33.83	PASS
CA_7C	75RB+100RB	64QAM	21179+21350	75RB#0+100RB#0	32.31	33.79	PASS
CA_7C	100RB+50RB	QPSK	20850+20994	100RB#0+50RB#0	27.62	29.08	PASS
CA_7C	100RB+50RB	16QAM	20850+20994	100RB#0+50RB#0	27.68	29.08	PASS
CA_7C	100RB+50RB	64QAM	20850+20994	100RB#0+50RB#0	27.65	29.06	PASS
CA_7C	100RB+50RB	QPSK	21051+21195	100RB#0+50RB#0	27.89	29.11	PASS
CA_7C	100RB+50RB	16QAM	21051+21195	100RB#0+50RB#0	27.65	29.09	PASS
CA_7C	100RB+50RB	64QAM	21051+21195	100RB#0+50RB#0	27.77	29.02	PASS
CA_7C	100RB+50RB	QPSK	21251+21395	100RB#0+50RB#0	27.58	28.79	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	27.47	28.99	PASS
CA_7C	100RB+75RB	QPSK	20850+21021	100RB#0+75RB#0	32.53	34.03	PASS
CA_7C	100RB+75RB	16QAM	20850+21021	100RB#0+75RB#0	32.55	33.99	PASS
CA_7C	100RB+75RB	64QAM	20850+21021	100RB#0+75RB#0	32.53	33.97	PASS
CA_7C	100RB+75RB	QPSK	21026+21197	100RB#0+75RB#0	32.73	33.89	PASS
CA_7C	100RB+75RB	16QAM	21026+21197	100RB#0+75RB#0	32.85	33.83	PASS
CA_7C	100RB+75RB	64QAM	21026+21197	100RB#0+75RB#0	32.63	34.03	PASS
CA_7C	100RB+75RB	QPSK	21201+21372	100RB#0+75RB#0	32.39	33.87	PASS
CA_7C	100RB+75RB	16QAM	21201+21372	100RB#0+75RB#0	32.43	33.93	PASS
CA_7C	100RB+75RB	64QAM	21201+21372	100RB#0+75RB#0	32.41	33.91	PASS
CA_7C	100RB+100RB	QPSK	20850+21048	100RB#0+100RB#0	37.37	38.93	PASS
CA_7C	100RB+100RB	16QAM	20850+21048	100RB#0+100RB#0	37.37	38.91	PASS
CA_7C	100RB+100RB	64QAM	20850+21048	100RB#0+100RB#0	37.33	38.85	PASS
CA_7C	100RB+100RB	QPSK	21001+21199	100RB#0+100RB#0	37.29	38.99	PASS
CA_7C	100RB+100RB	16QAM	21001+21199	100RB#0+100RB#0	37.55	38.89	PASS
CA_7C	100RB+100RB	64QAM	21001+21199	100RB#0+100RB#0	37.49	38.91	PASS
CA_7C	100RB+100RB	QPSK	21152+21350	100RB#0+100RB#0	36.81	38.85	PASS
CA_7C	100RB+100RB	16QAM	21152+21350	100RB#0+100RB#0	36.79	38.77	PASS
CA_7C	100RB+100RB	64QAM	21152+21350	100RB#0+100RB#0	36.89	38.83	PASS



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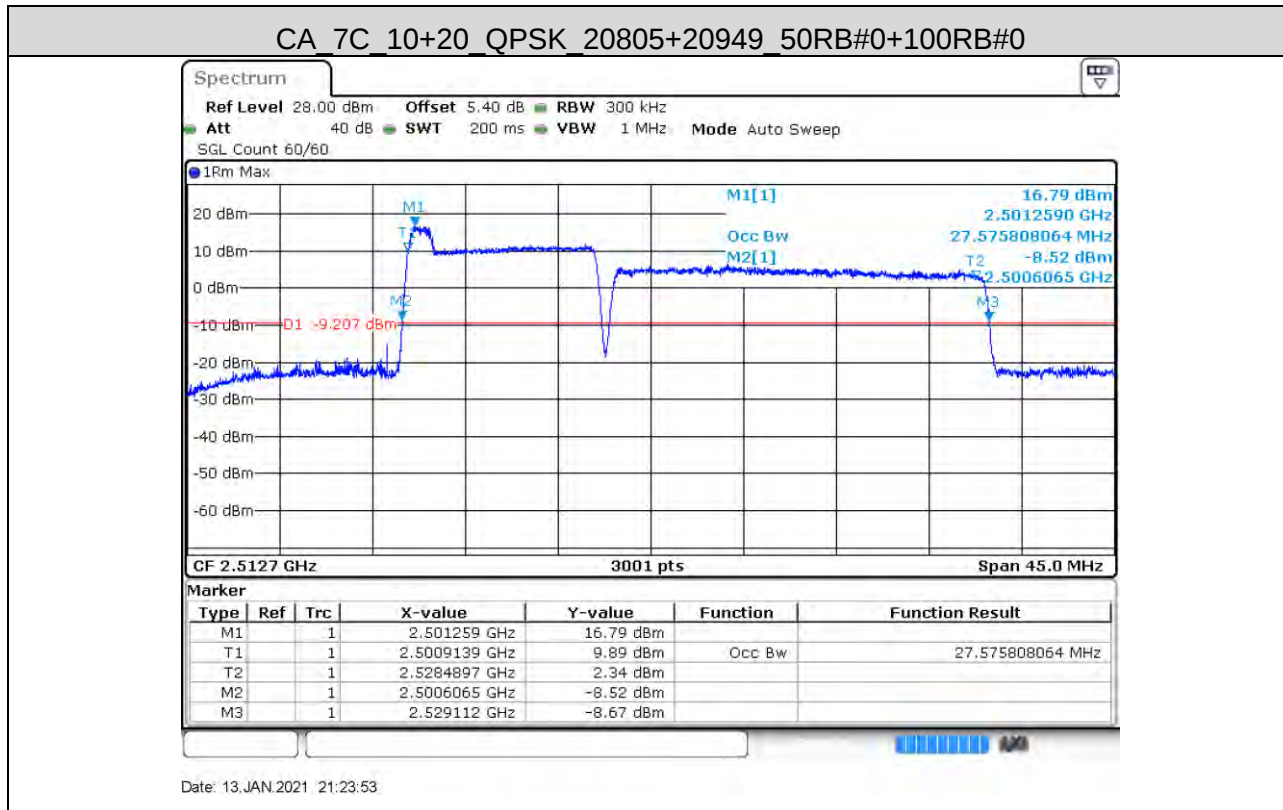
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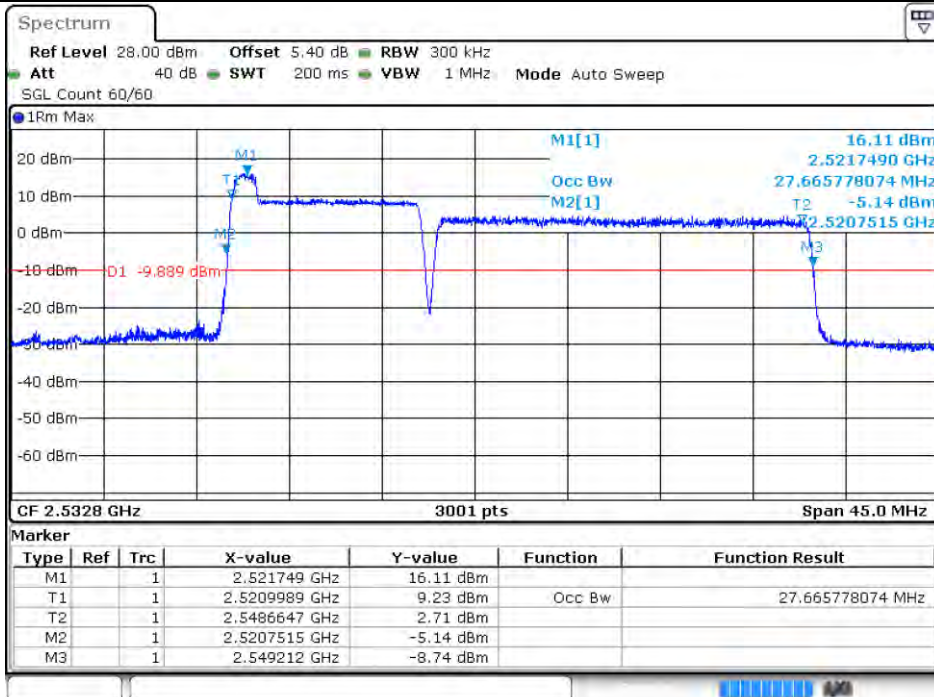
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4.1 For LTE

4.1.1 Test Band = LTE Band CA_7C

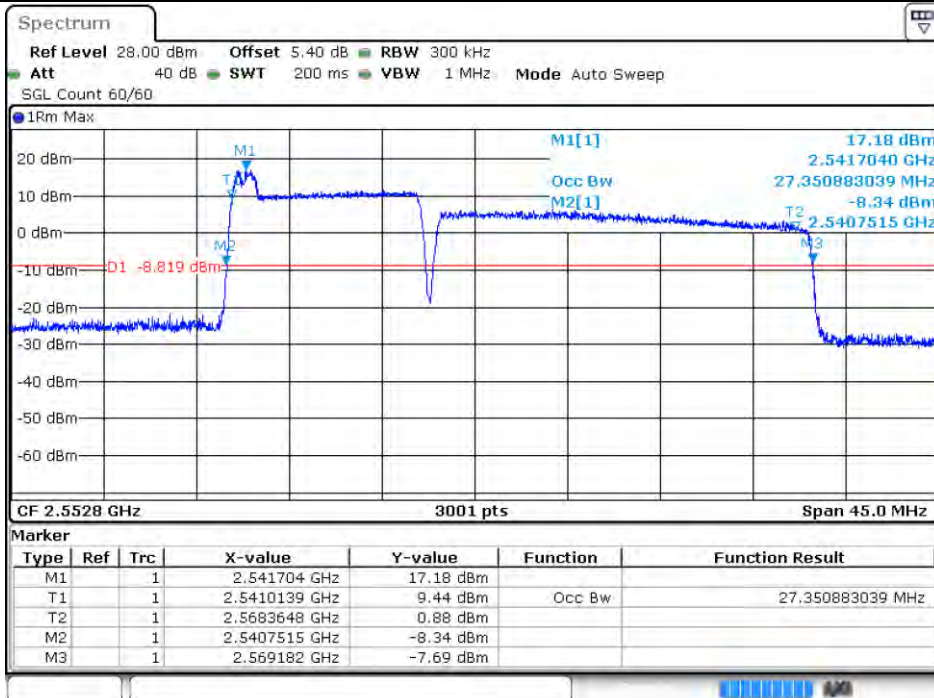


CA 7C 10+20 QPSK 21006+21150 50RB#0+100RB#0



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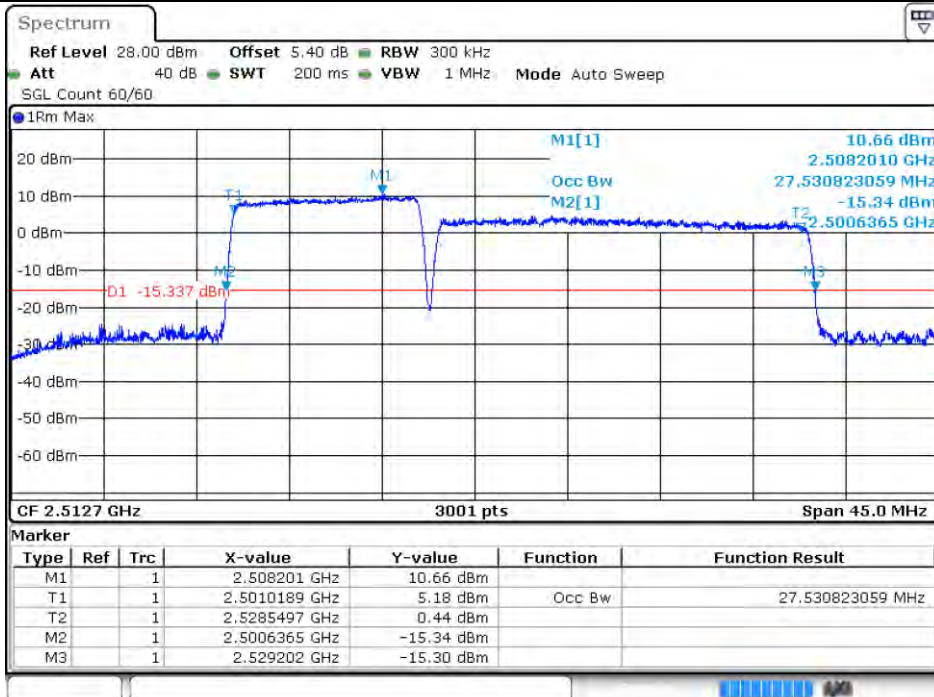
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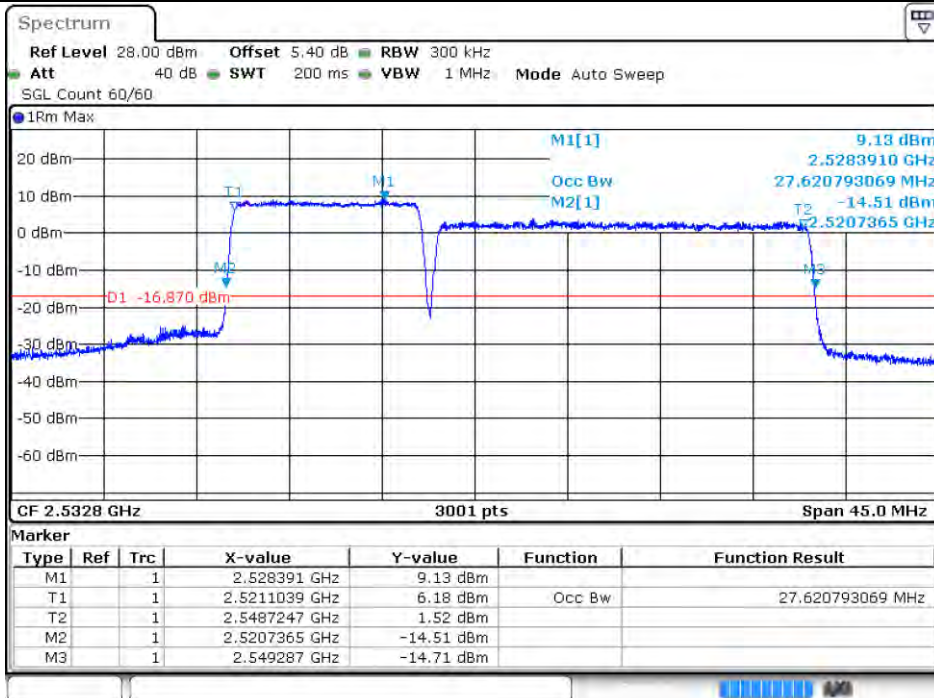


CA 7C 10+20 16QAM 20805+20949 50RB#0+100RB#0



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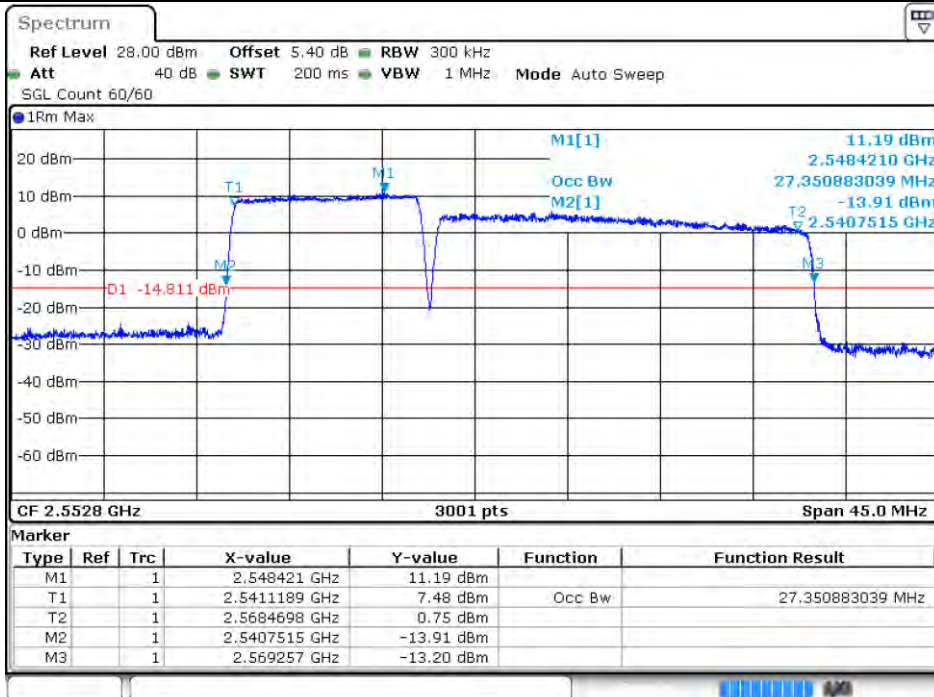
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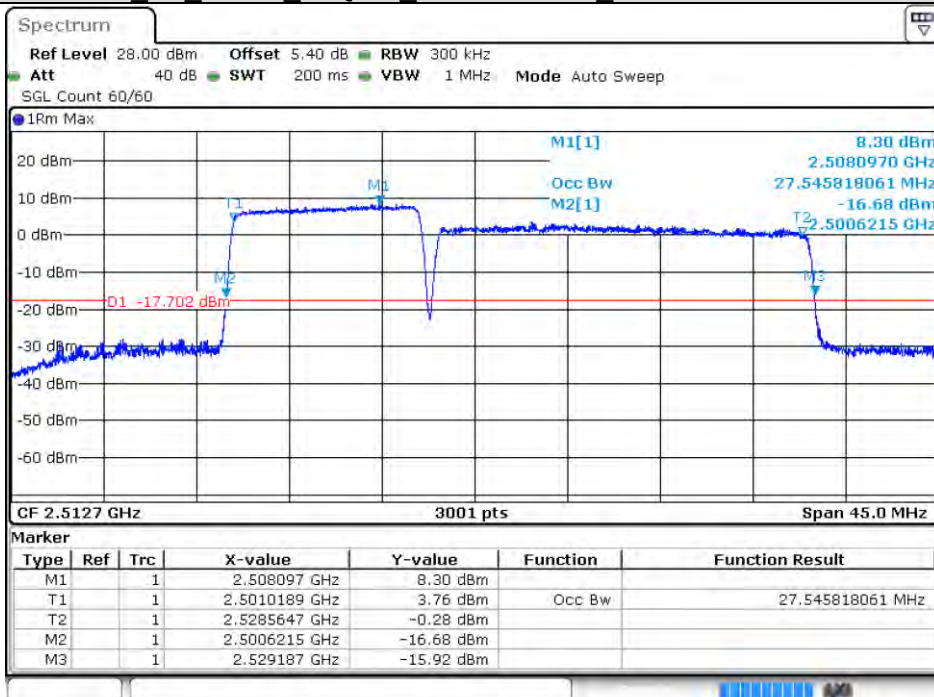


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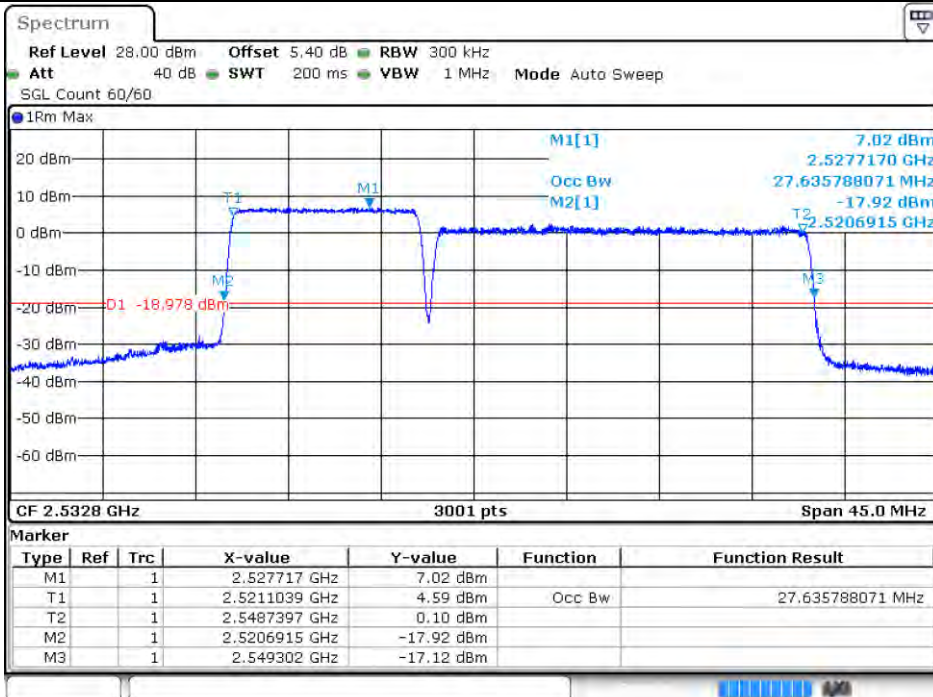
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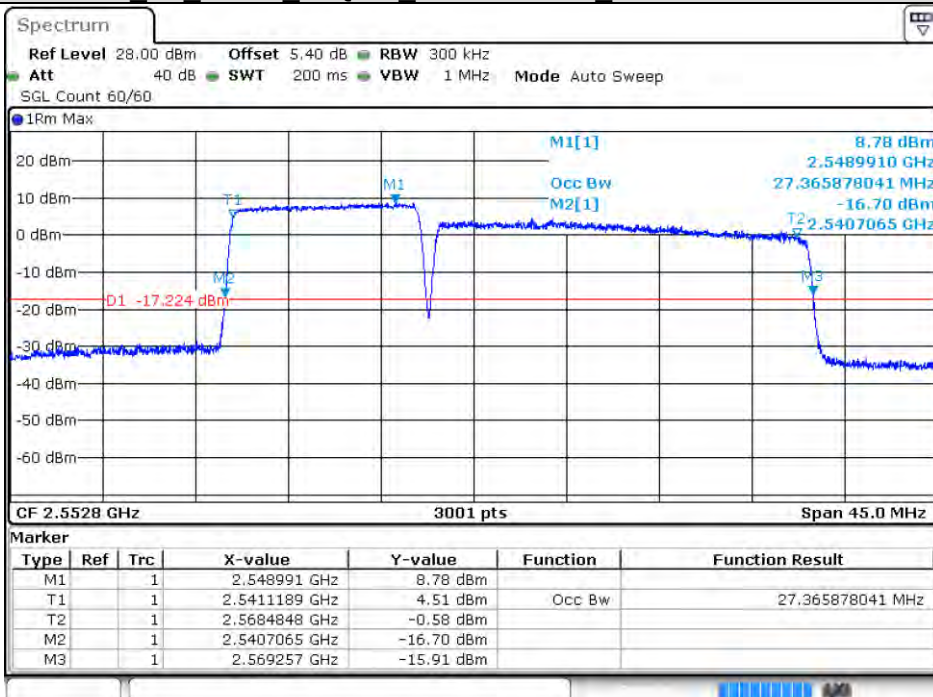


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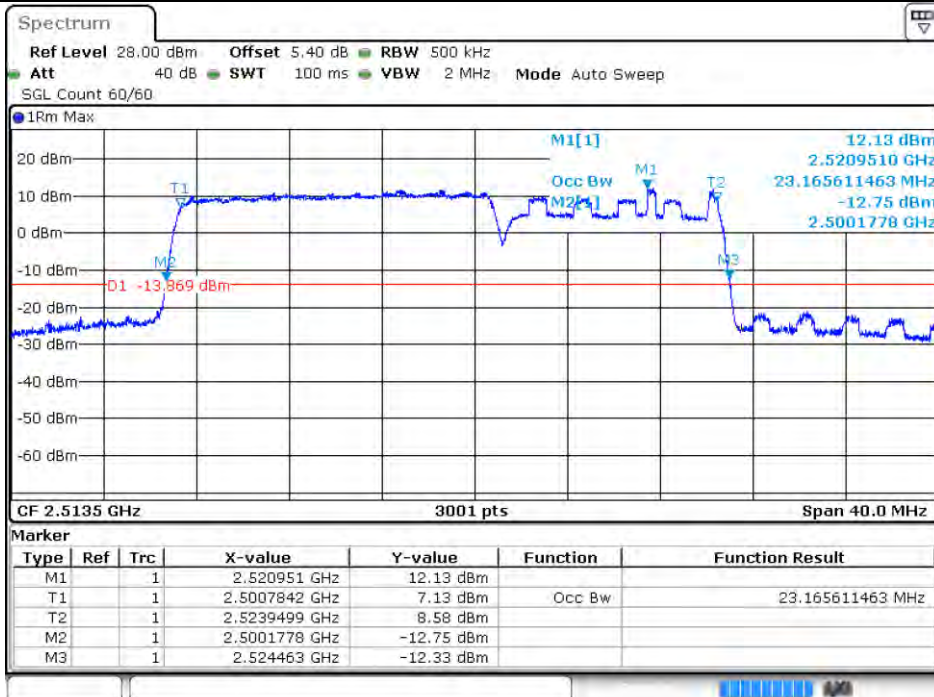
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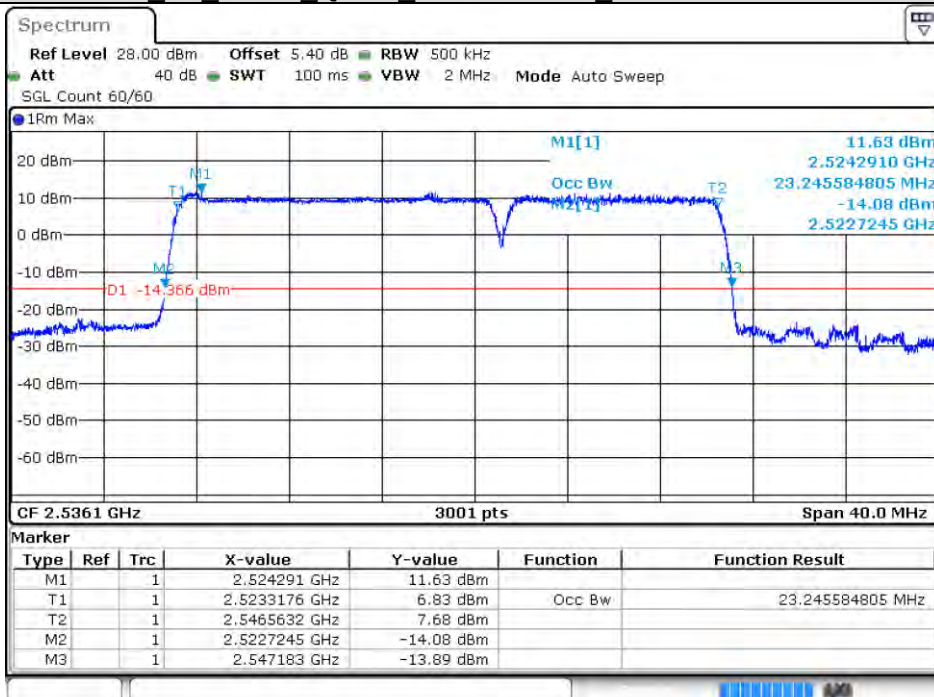


CA 7C 15+10 QPSK 20825+20945 75RB#0+50RB#0



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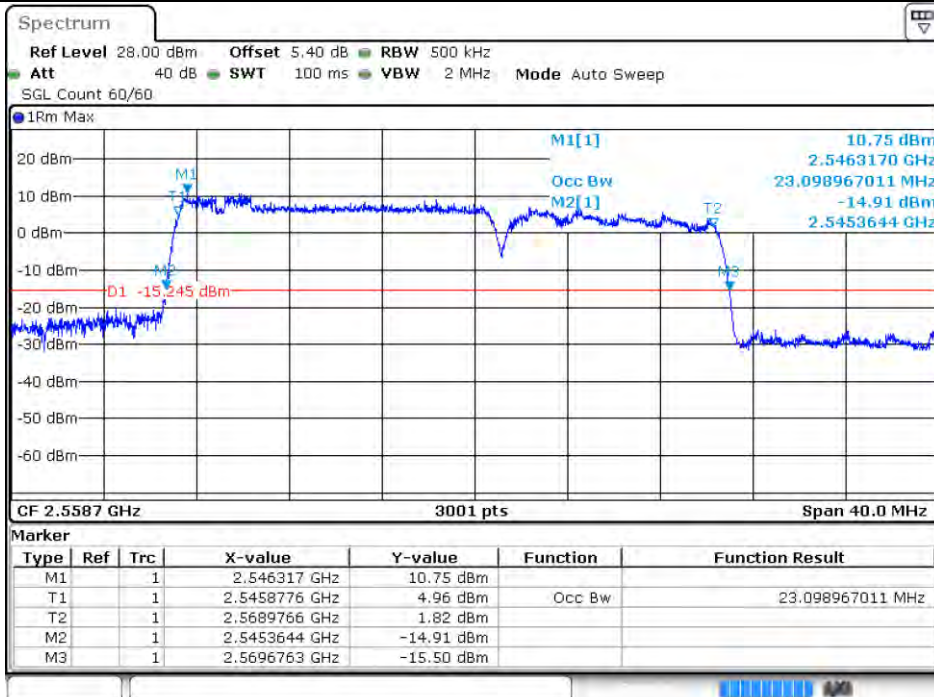
CA 7C 15+10 QPSK 21051+21171 75RB#0+50RB#0



Date: 14. JAN.2021 08:32:02

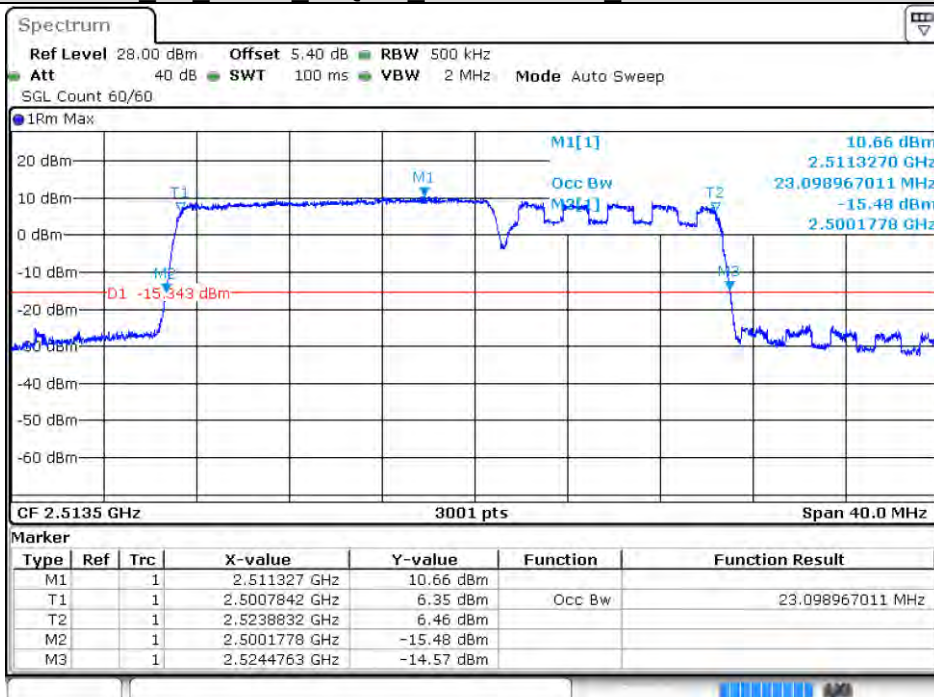


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Date: 14. JAN.2021 08:32:45

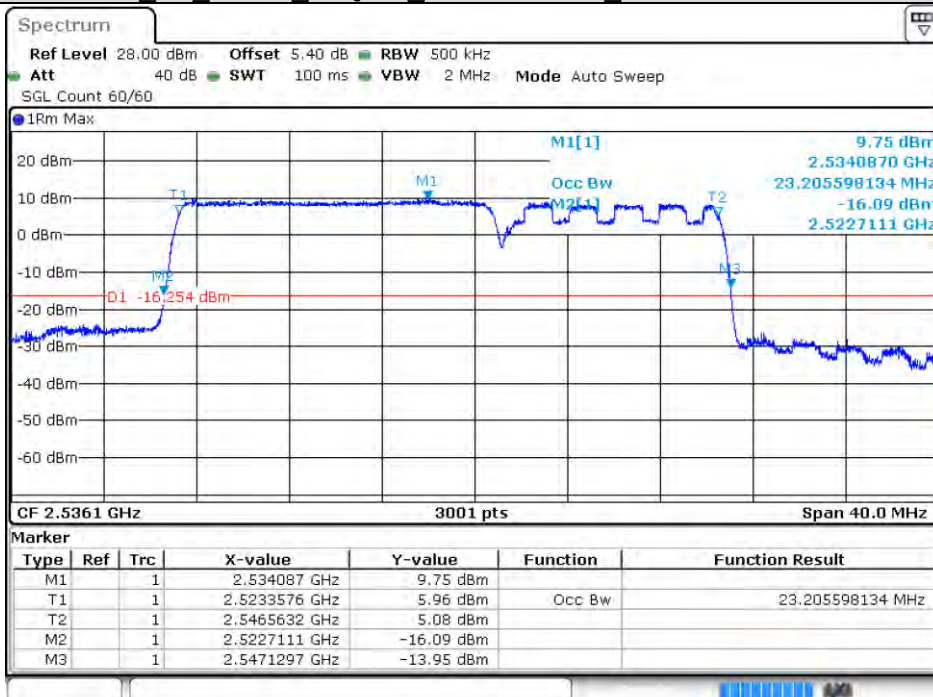
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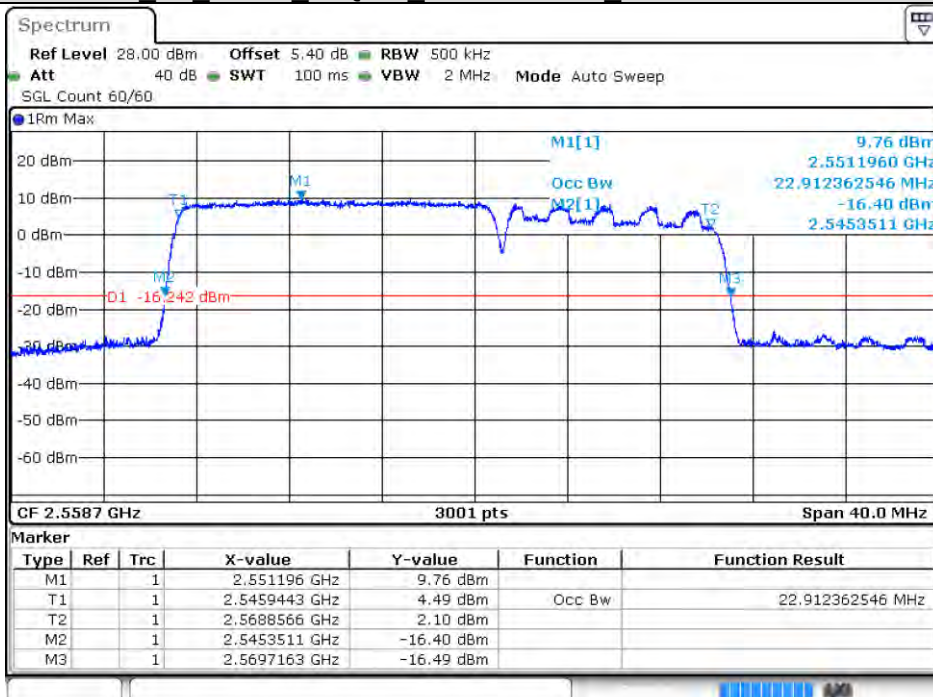


CA 7C 15+10 16QAM 21051+21171 75RB#0+50RB#0



Date: 14. JAN.2021 08:32:14

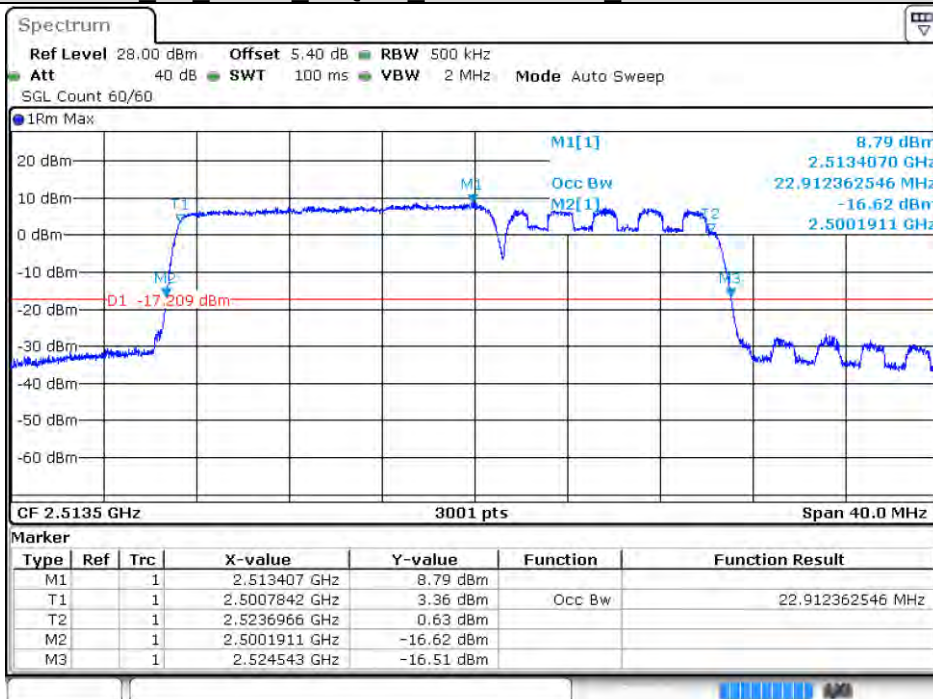
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Date: 14. JAN.2021 08:32:57

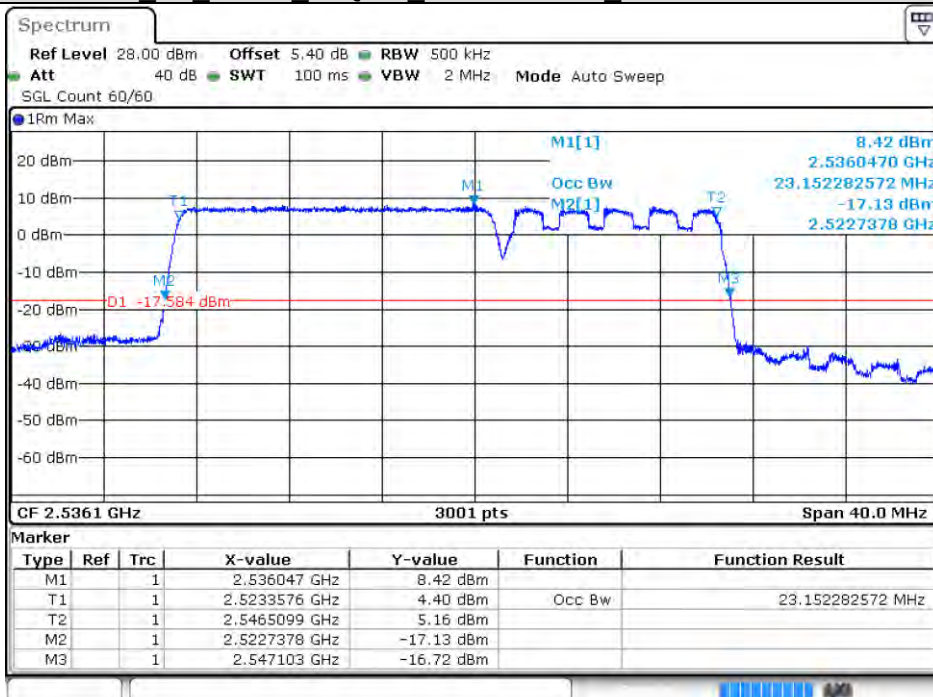


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Date: 14. JAN.2021 08:31:36

CA 7C 15+10 64QAM 21051+21171 75RB#0+50RB#0



Date: 14. JAN.2021 08:32:27

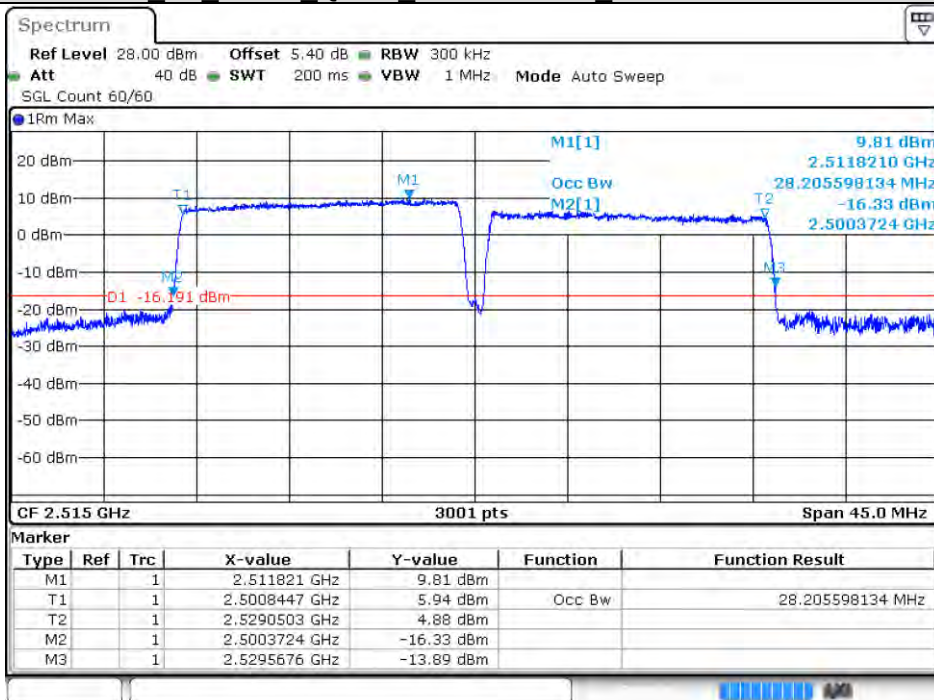


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Date: 14.JAN.2021 08:33:10

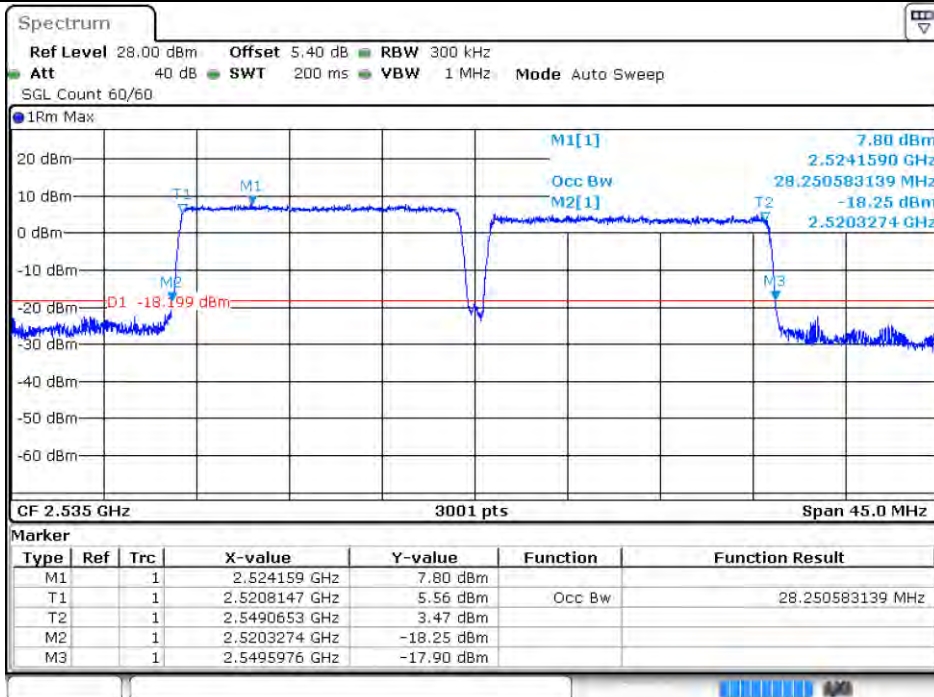
CA 7C 15+15 QPSK 20825+20975 75RB#0+75RB#0



Date: 13.JAN.2021 21:32:08

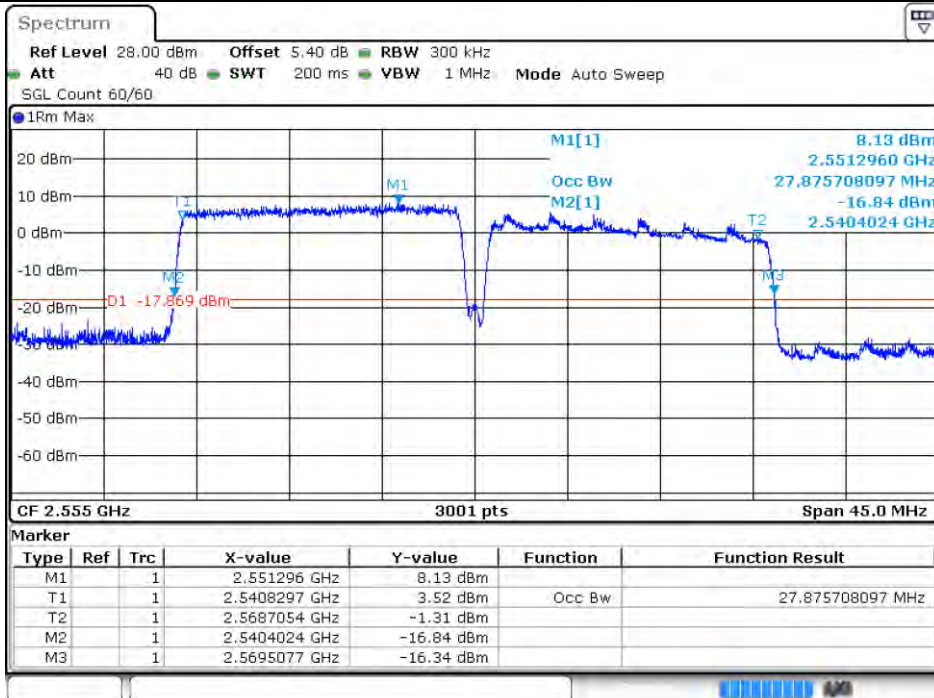


CA 7C 15+15 QPSK 21025+21175 75RB#0+75RB#0



Date: 13.JAN.2021 21:33:05

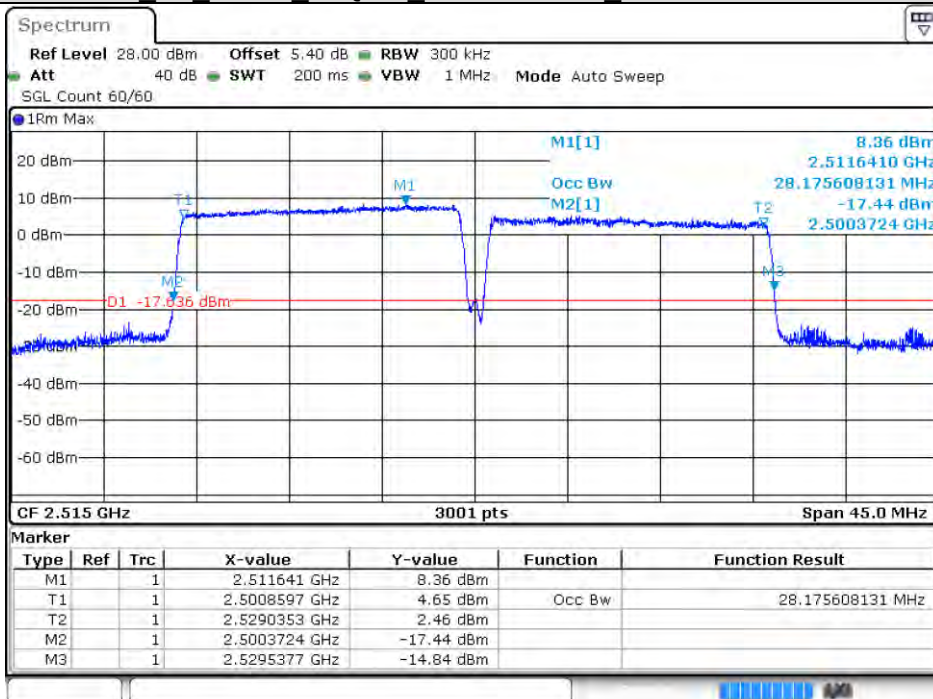
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Date: 13.JAN.2021 21:34:02

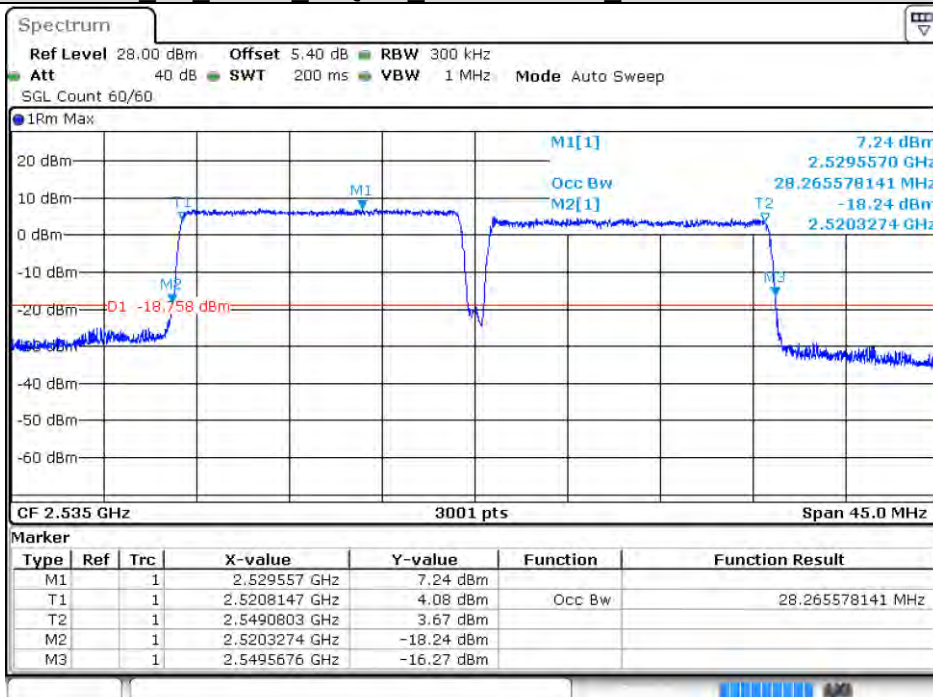


CA 7C 15+15 16QAM 20825+20975 75RB#0+75RB#0



Date: 13.JAN.2021 21:32:25

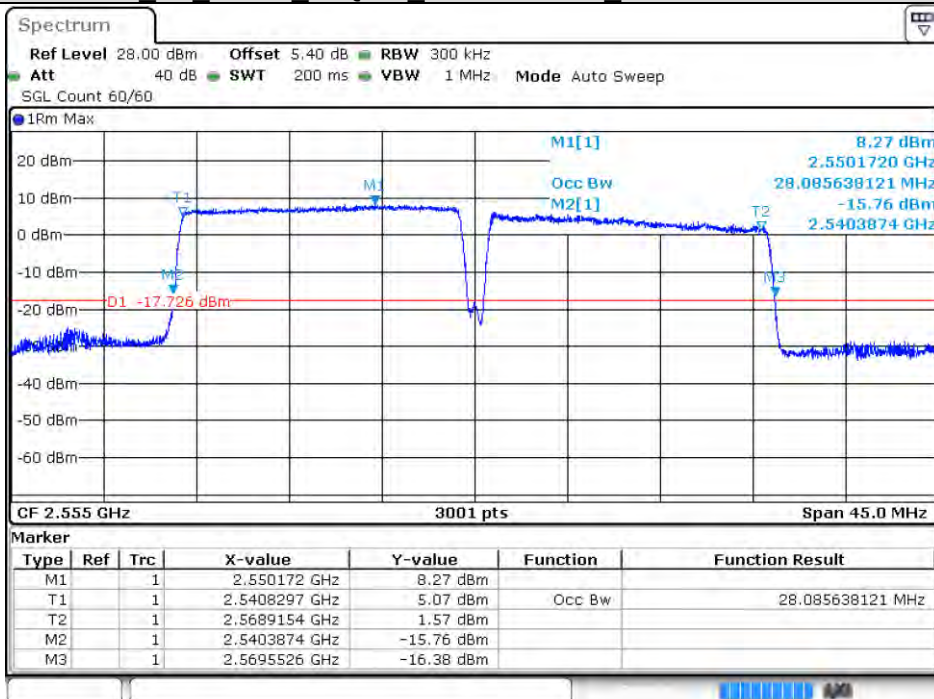
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Date: 13.JAN.2021 21:33:22

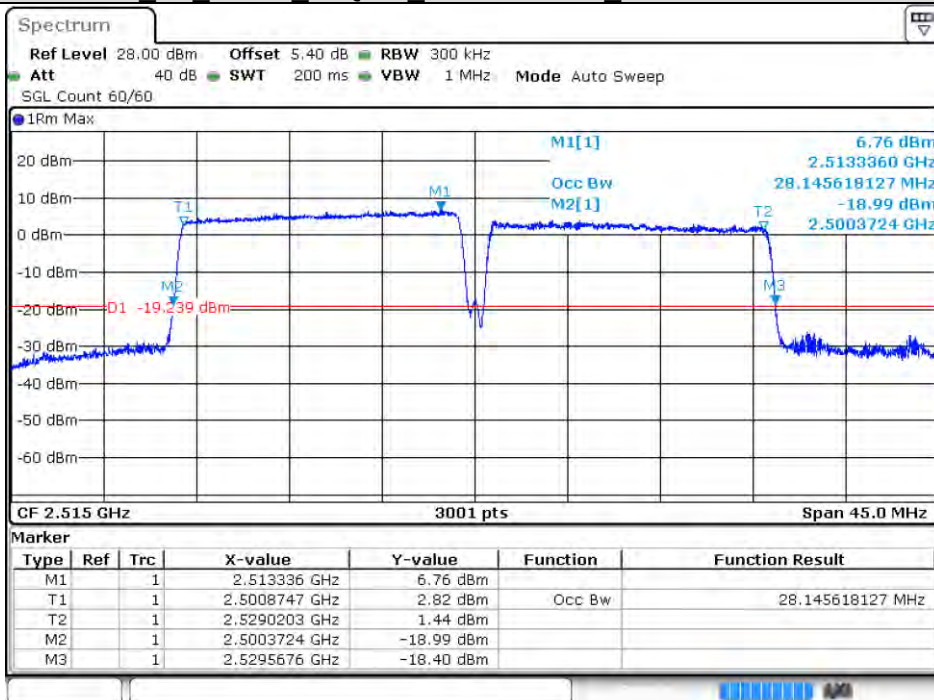


CA 7C 15+15 16QAM 21225+21375 75RB#0+75RB#0



Date: 13.JAN.2021 21:34:19

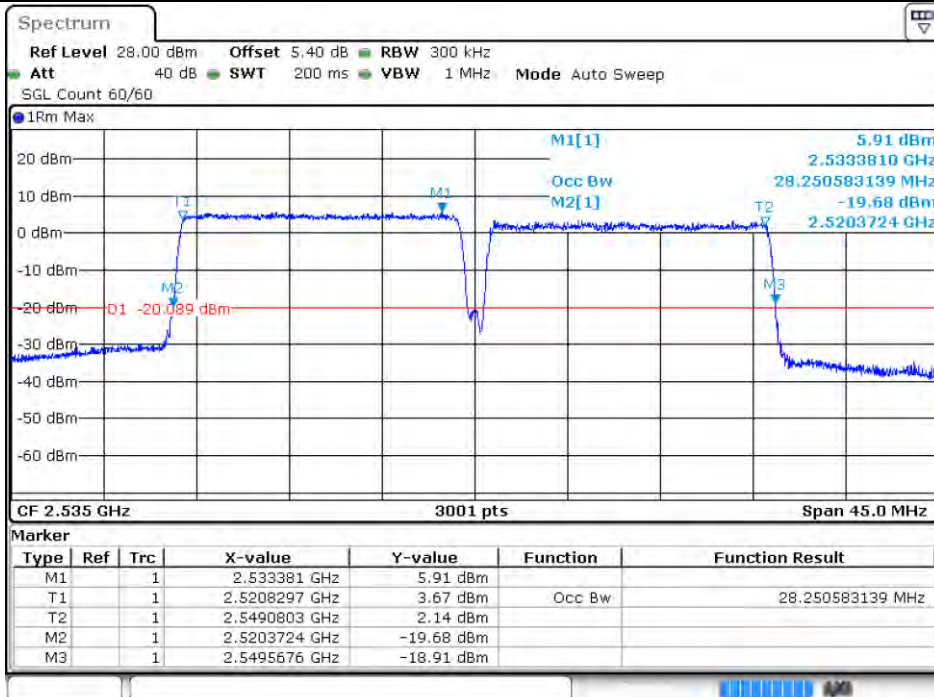
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Date: 13.JAN.2021 21:32:43

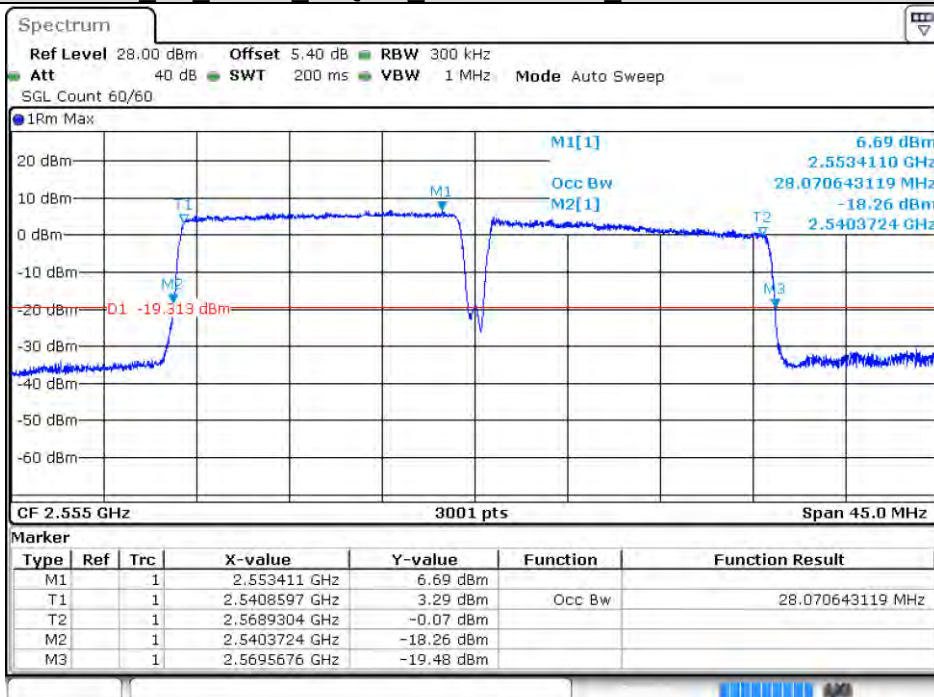


CA 7C 15+15 64QAM 21025+21175 75RB#0+75RB#0



Date: 13.JAN.2021 21:33:40

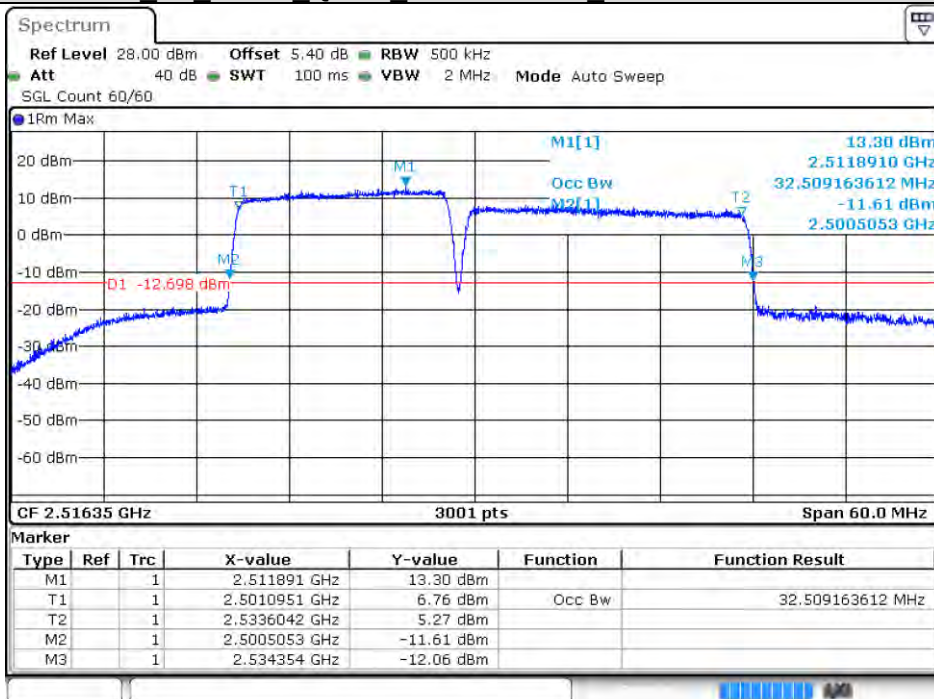
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Date: 13.JAN.2021 21:34:37

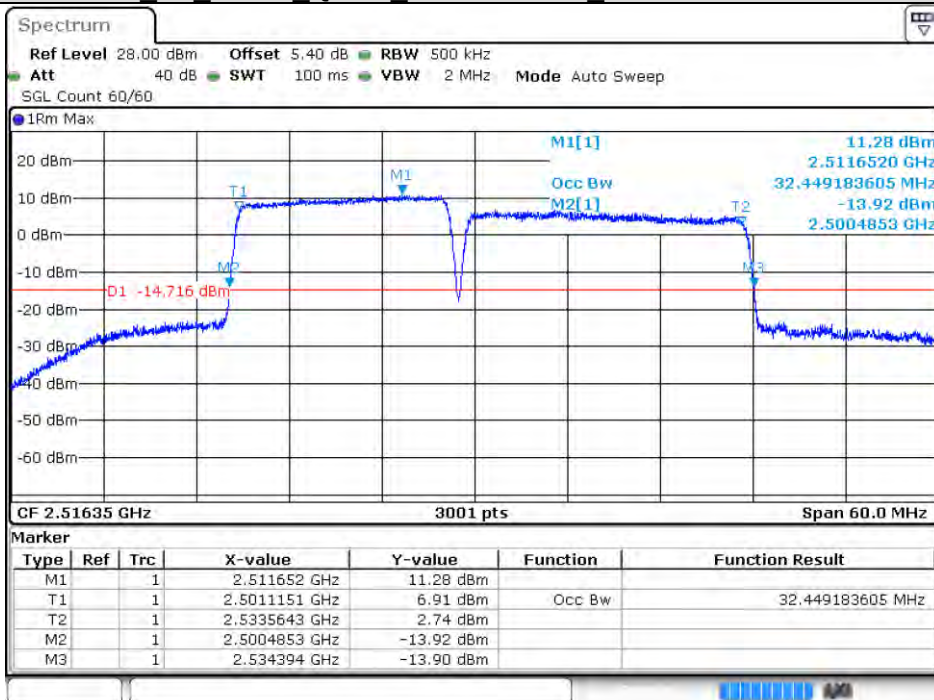


CA 7C 15+20 QPSK 20828+20999 75RB#0+100RB#0



Date: 13.JAN.2021 21:35:08

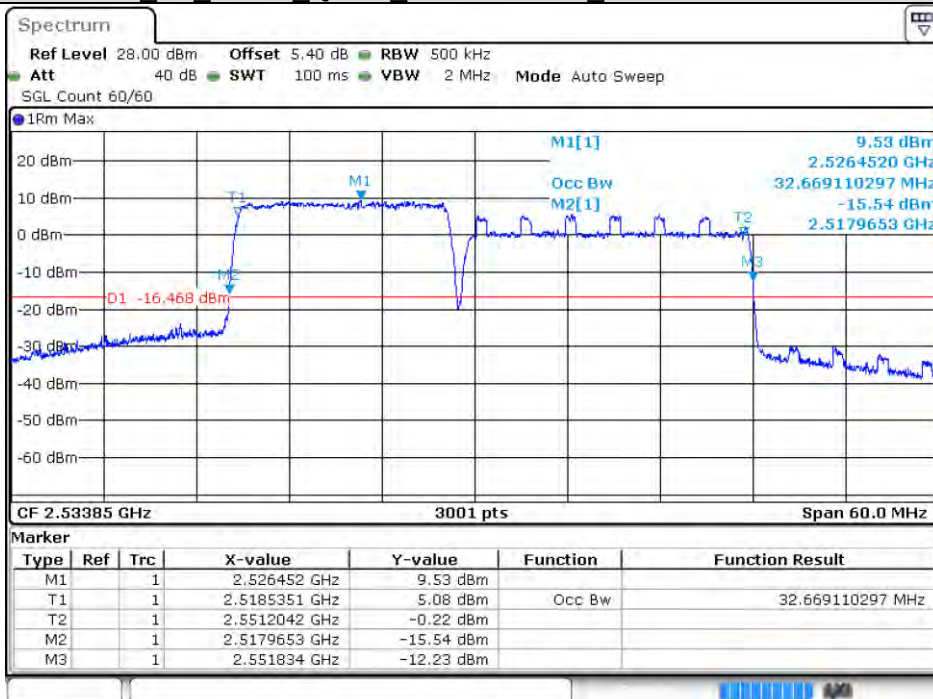
CA 7C 15+20 QPSK 21003+21174 75RB#0+100RB#0



Date: 13.JAN.2021 21:35:21



CA 7C 15+20 QPSK 21179+21350 75RB#0+100RB#0



Date: 13.JAN.2021 21:36:02

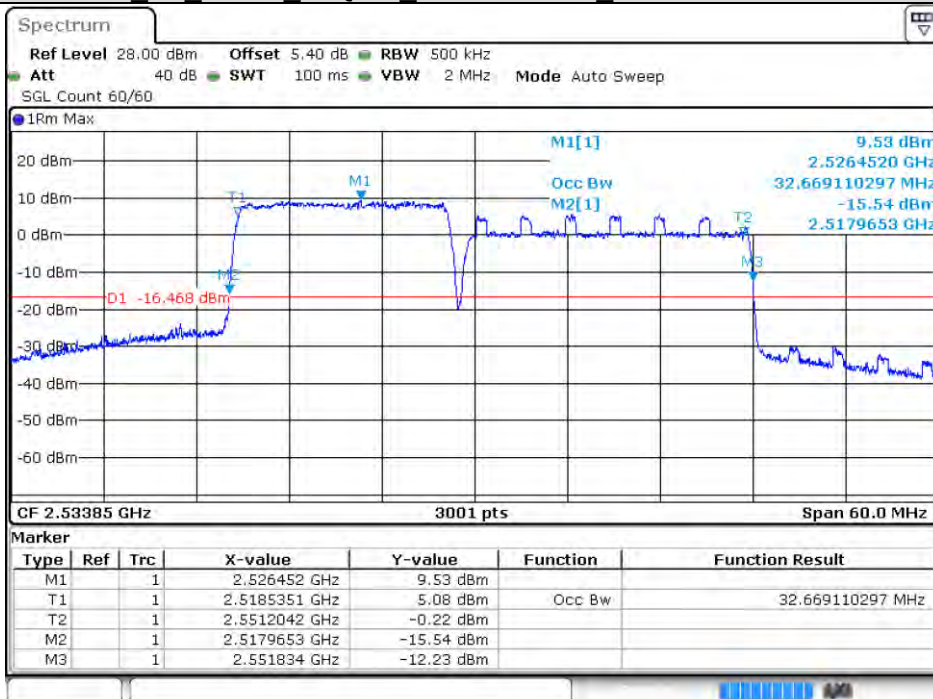
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Date: 13.JAN.2021 21:36:45



CA 7C 15+20 16QAM 21003+21174 75RB#0+100RB#0



Date: 13.JAN.2021 21:36:02

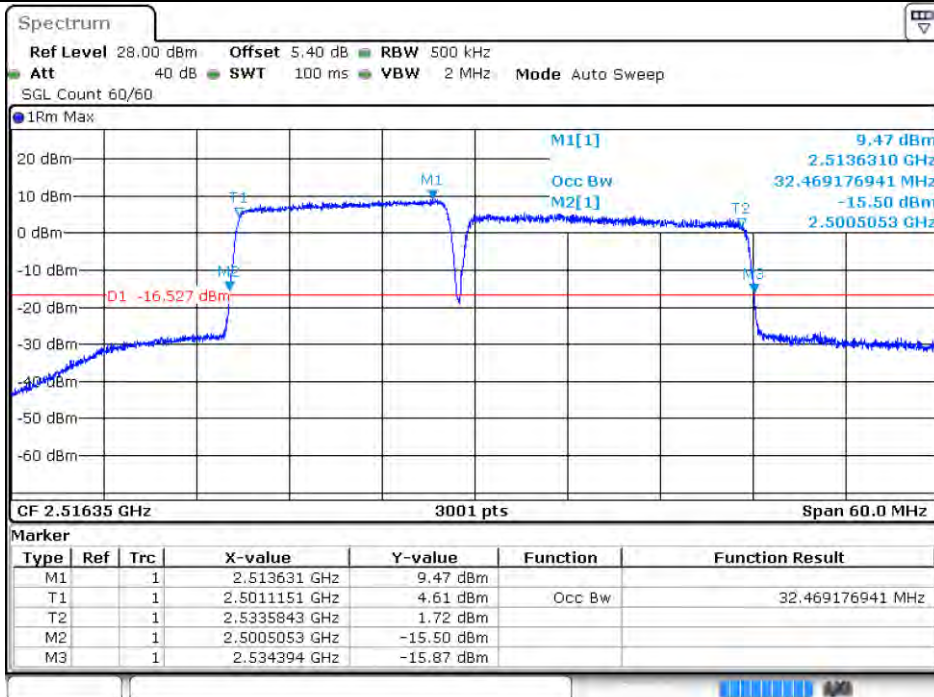
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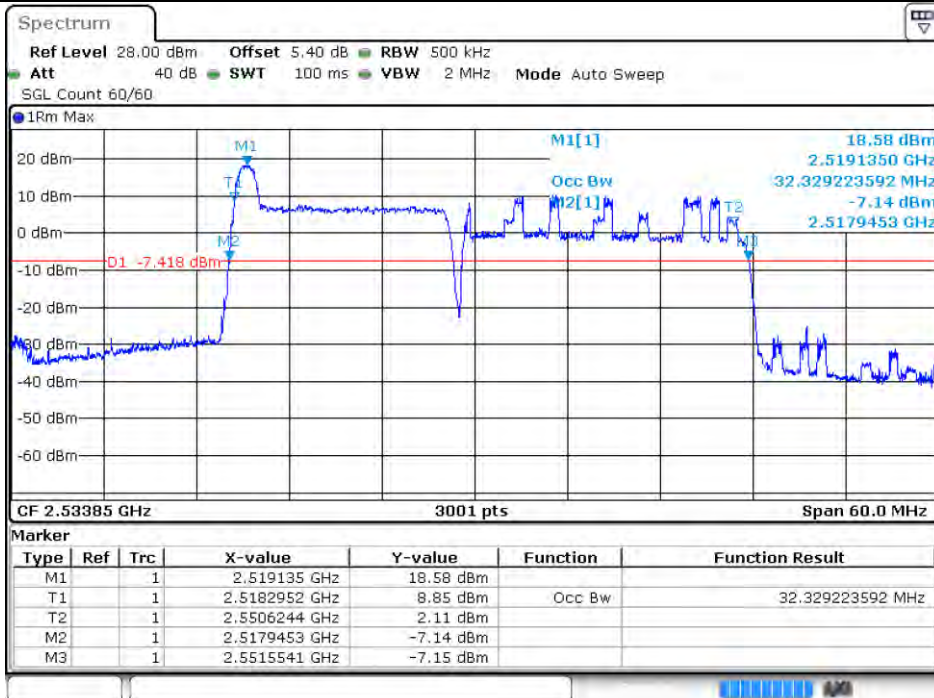


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Date: 13.JAN.2021 21:35:33

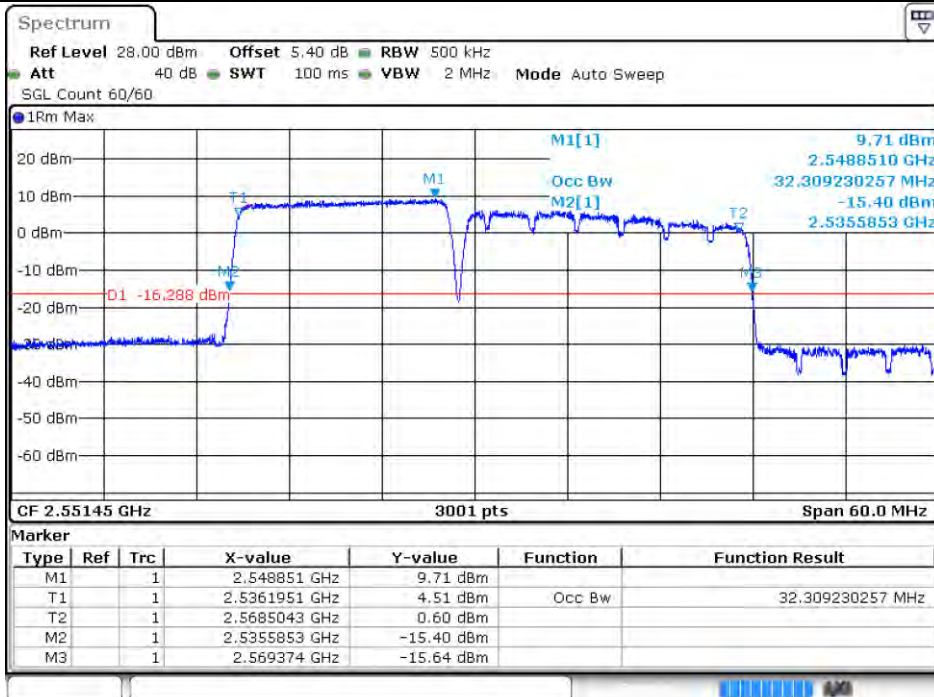
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Date: 13.JAN.2021 21:36:15

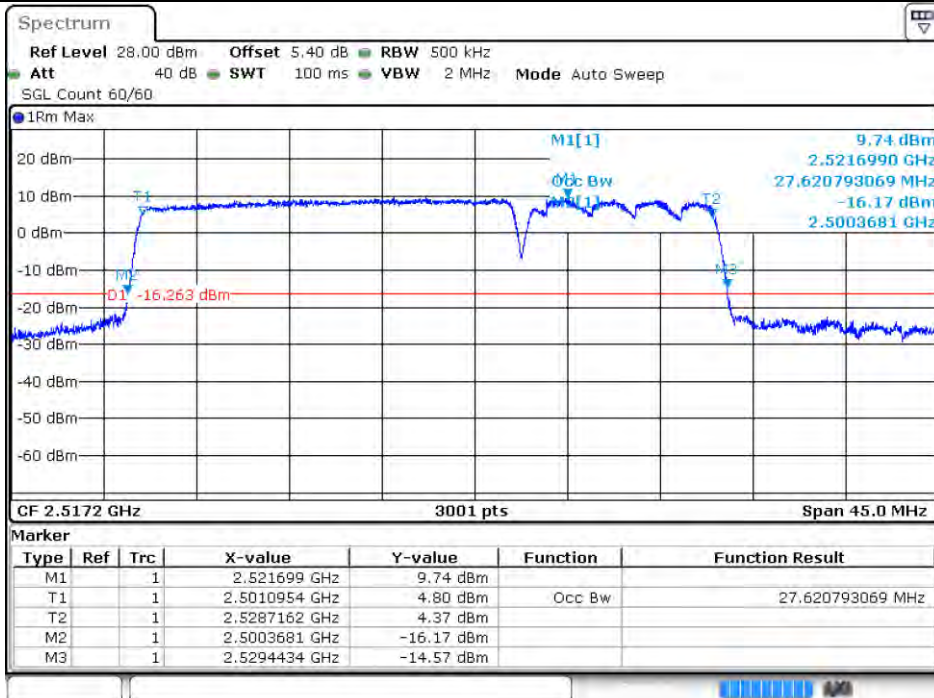


CA 7C 15+20 64QAM 21179+21350 75RB#0+100RB#0



Date: 13.JAN.2021 21:36:57

CA 7C 20+10 QPSK 20850+20994 100RB#0+50RB#0



Date: 14.JAN.2021 08:19:27

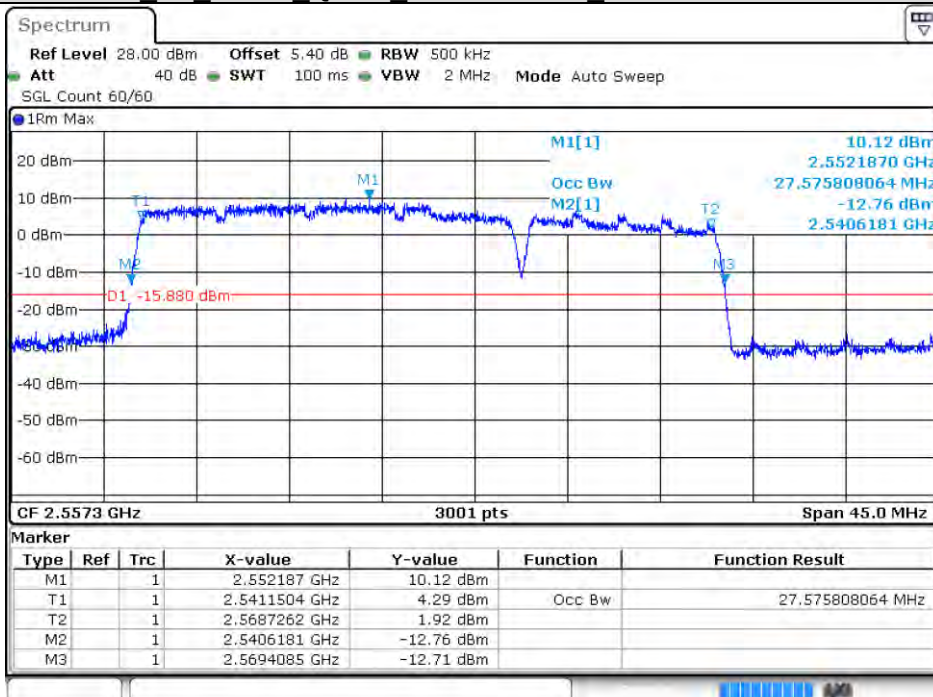


CA 7C 20+10 QPSK 21051+21195 100RB#0+50RB#0



Date: 14. JAN.2021 08:20:08

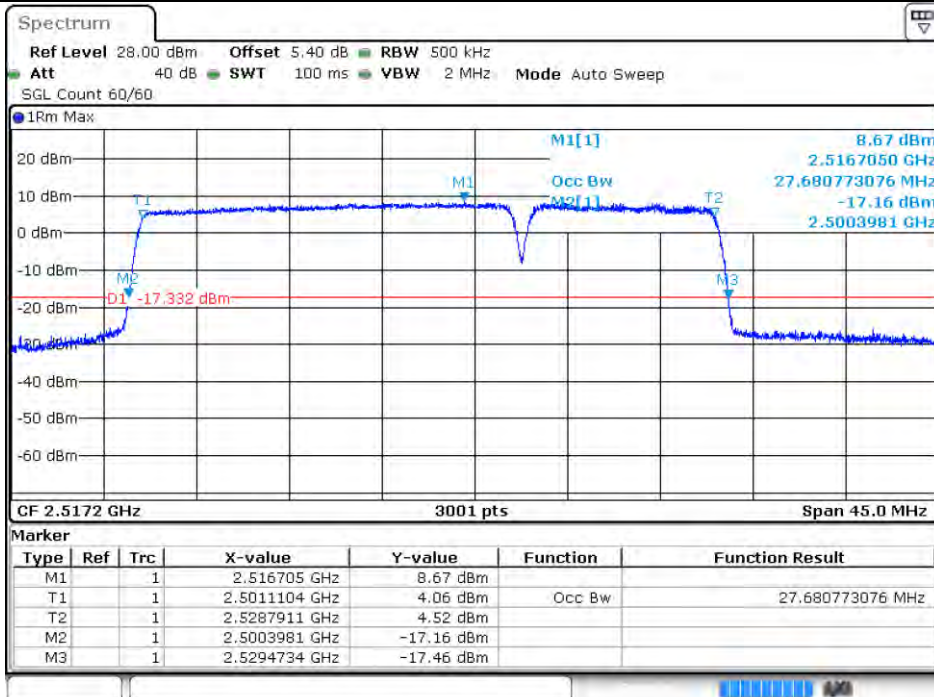
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Date: 14. JAN.2021 08:20:47

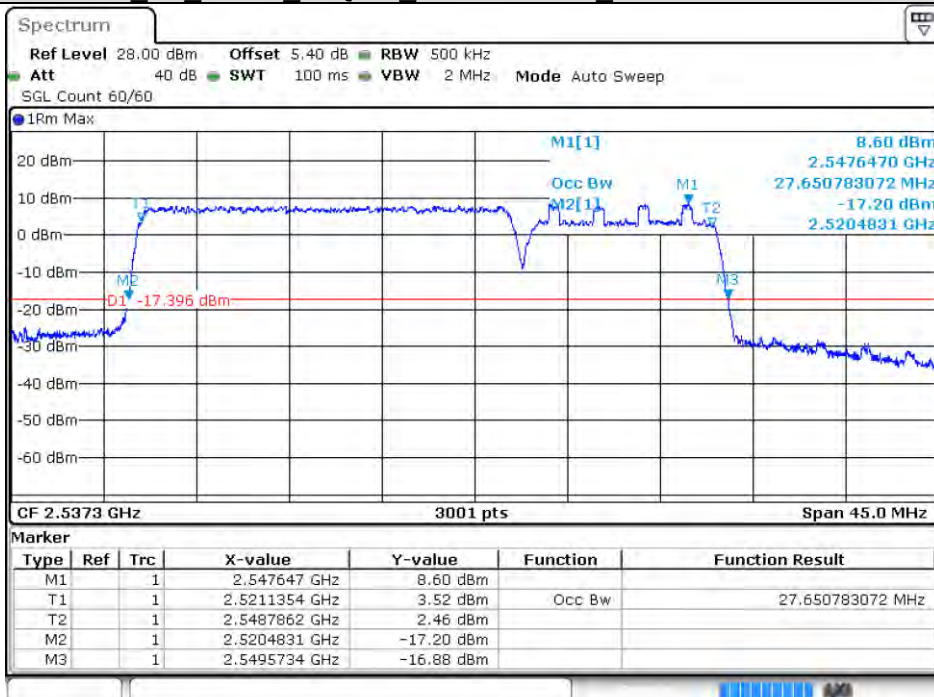


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Date: 14. JAN.2021 08:19:38

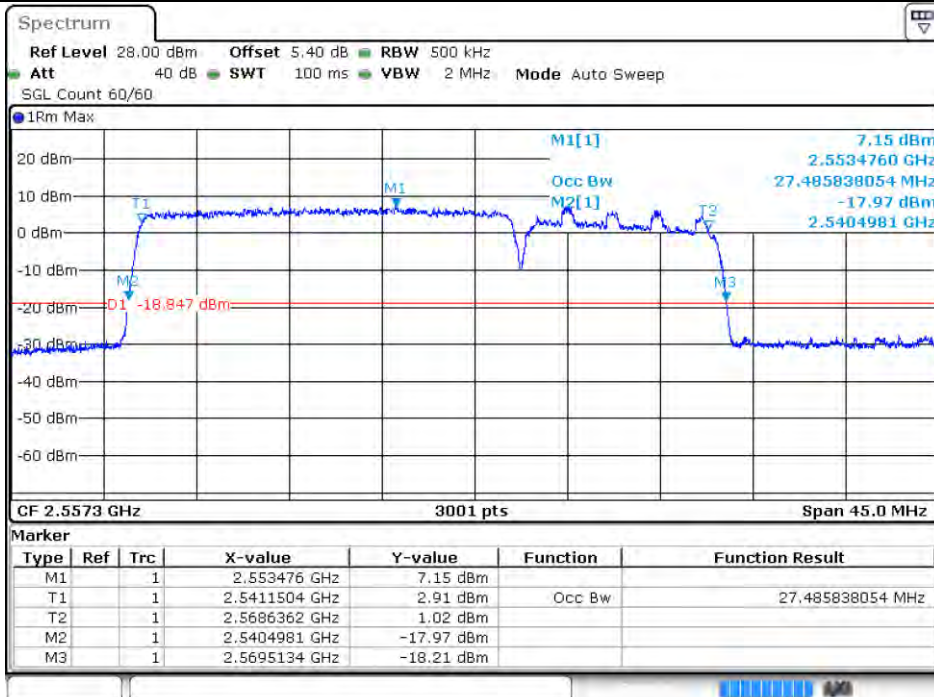
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Date: 14. JAN.2021 08:20:19

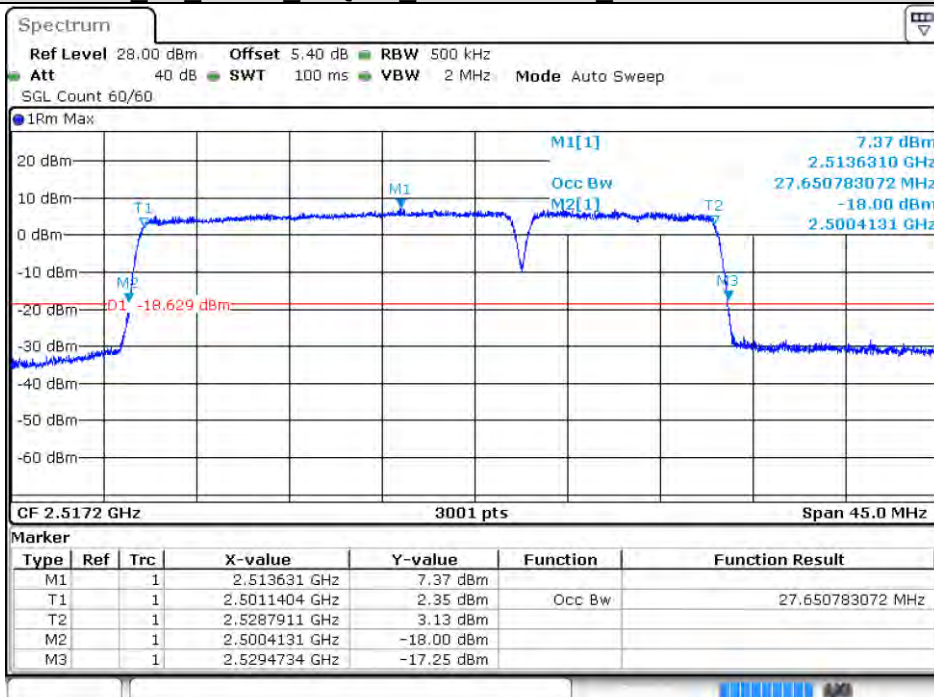


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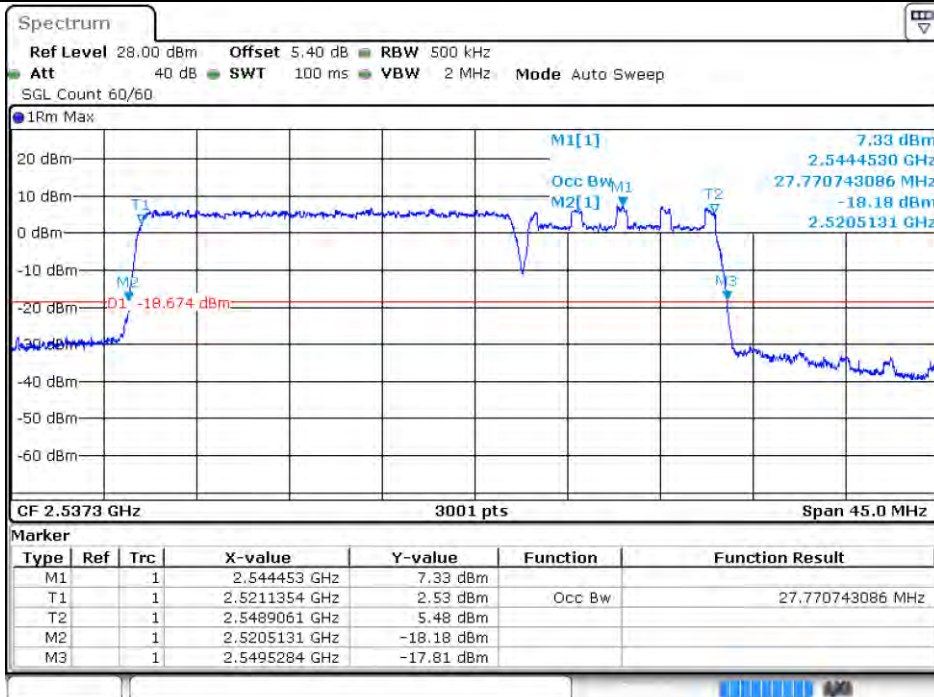
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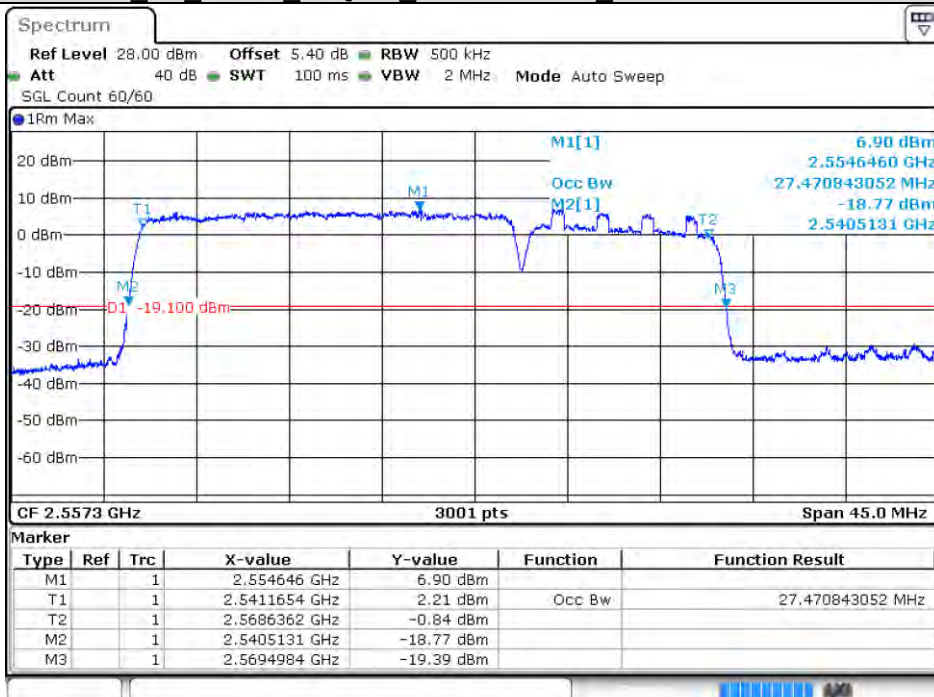


CA 7C 20+10 64QAM 21051+21195 100RB#0+50RB#0



Date: 14. JAN.2021 08:20:30

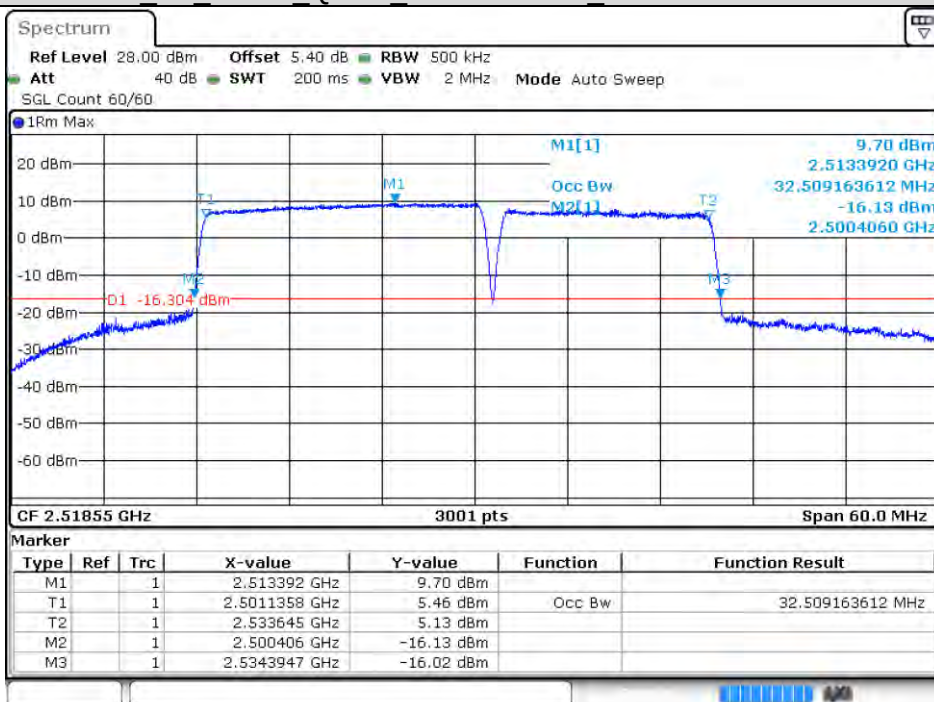
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Date: 14. JAN.2021 08:21:10

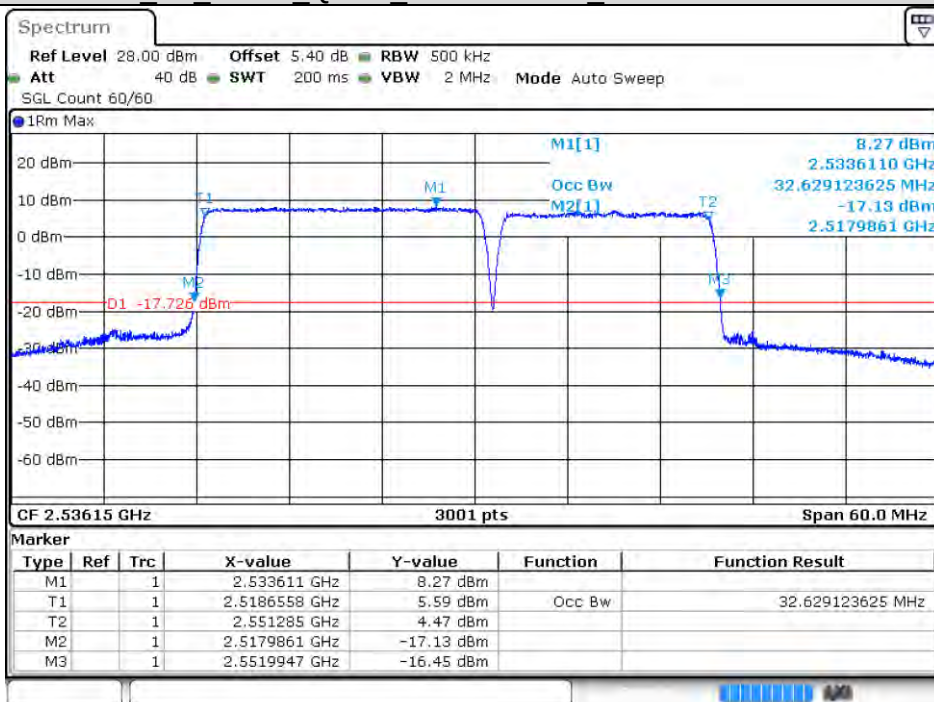


CA 7C 20+15 QPSK 20850+21021 100RB#0+75RB#0



Date: 14. JAN.2021 08:39:07

CA 7C 20+15 QPSK 21026+21197 100RB#0+75RB#0



Date: 14. JAN.2021 08:40:22

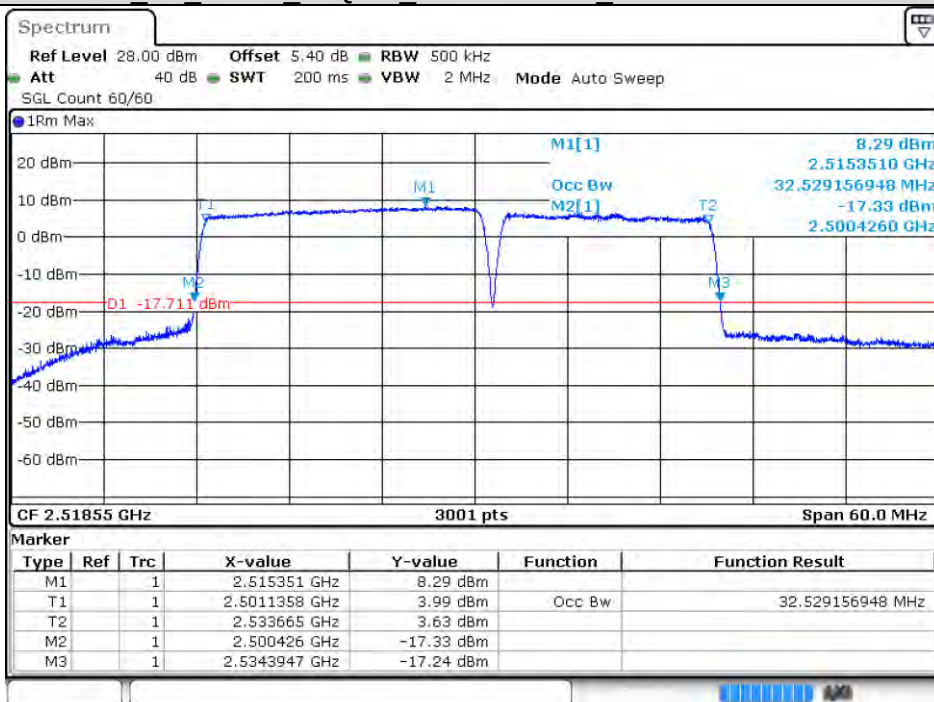


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Date: 14. JAN.2021 08:41:27

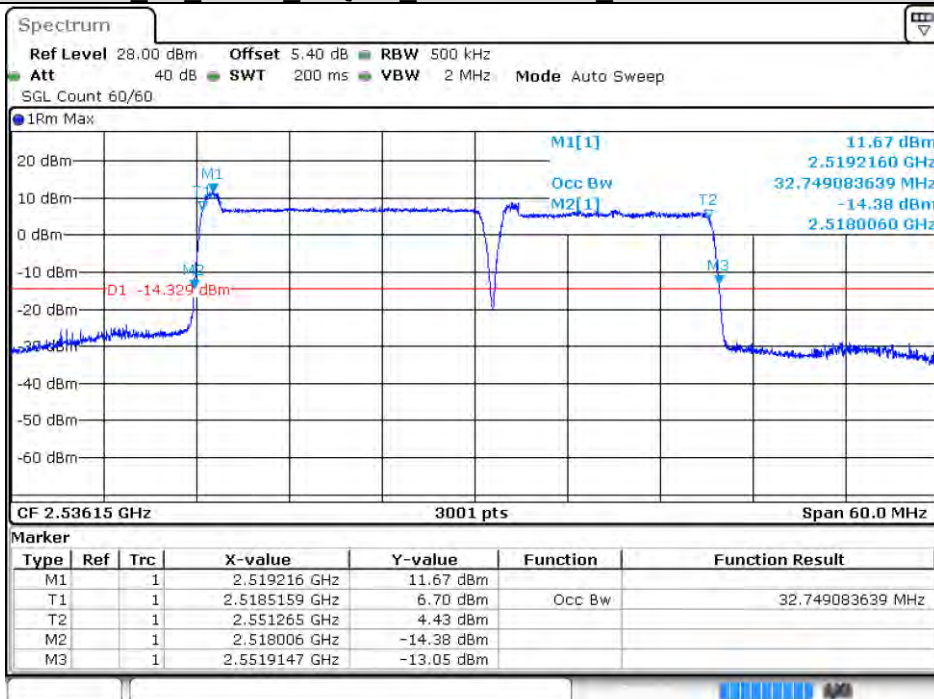
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Date: 14. JAN.2021 08:39:32

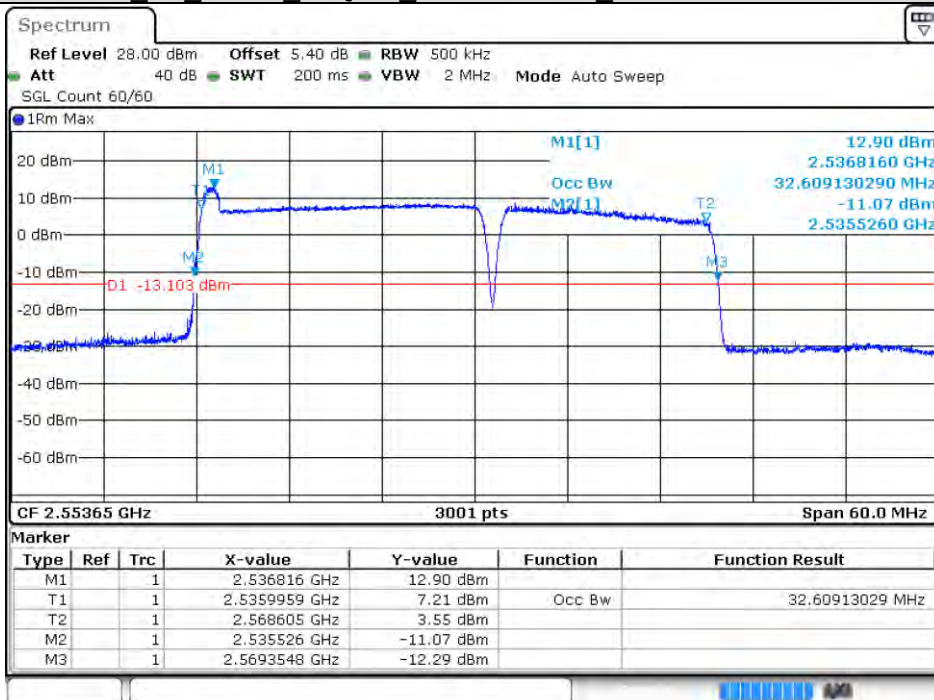


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Date: 14. JAN. 2021 08:40:41

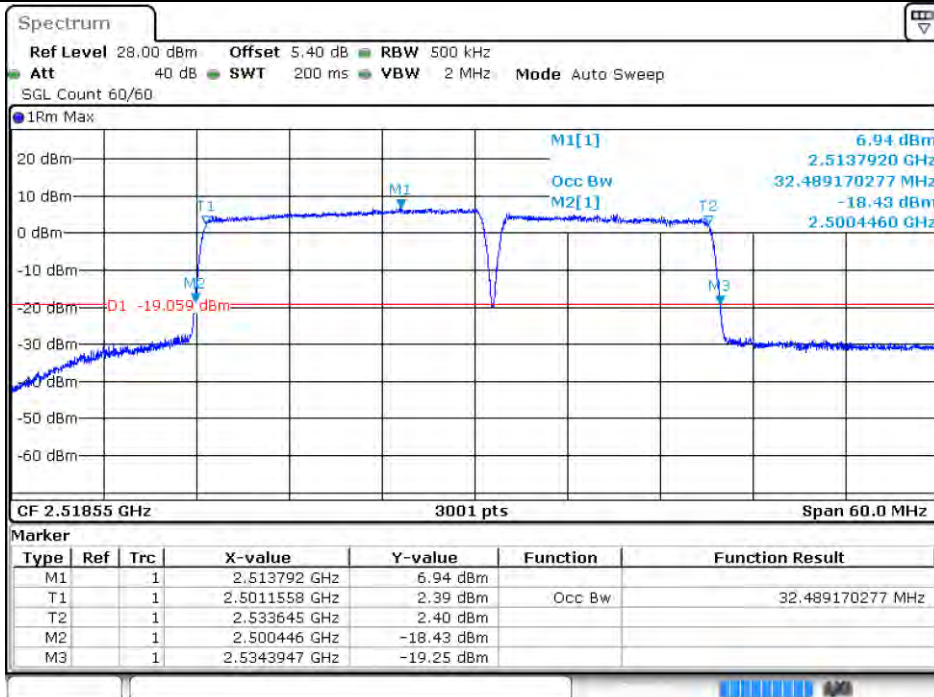
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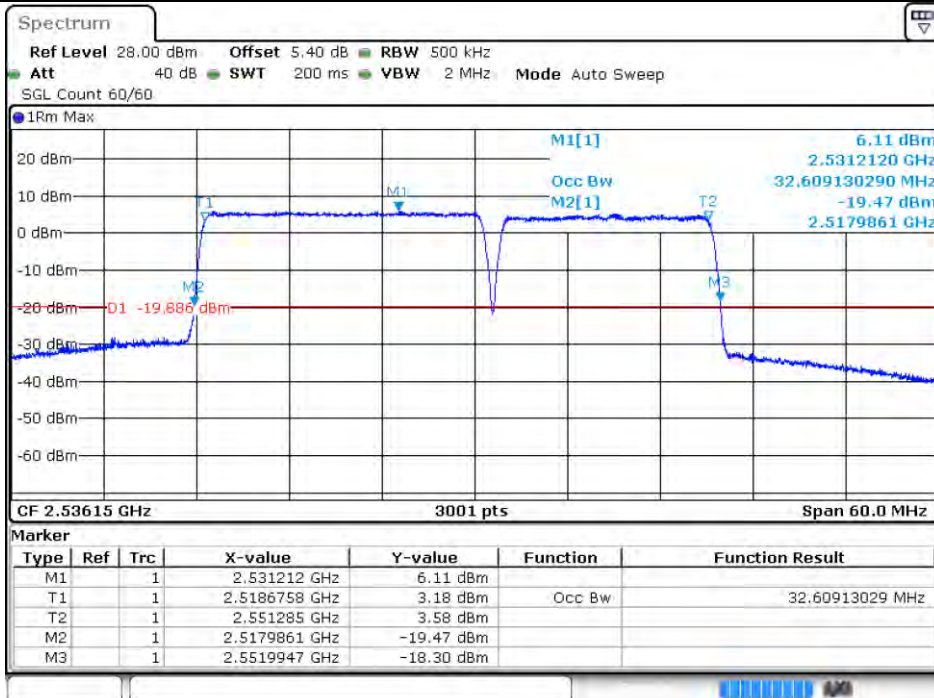


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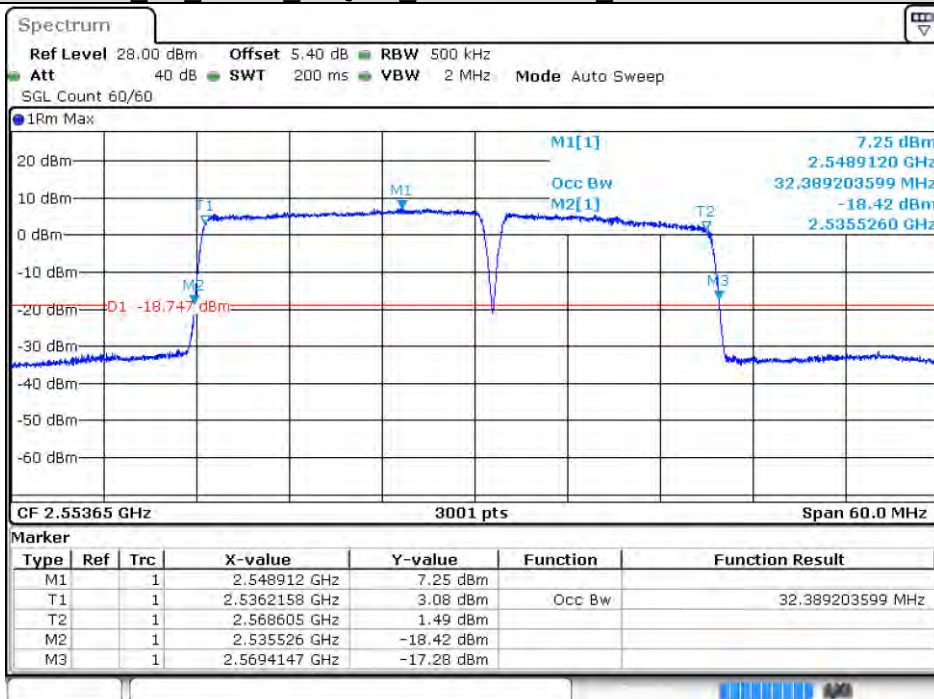
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Date: 14. JAN.2021 08:41:01

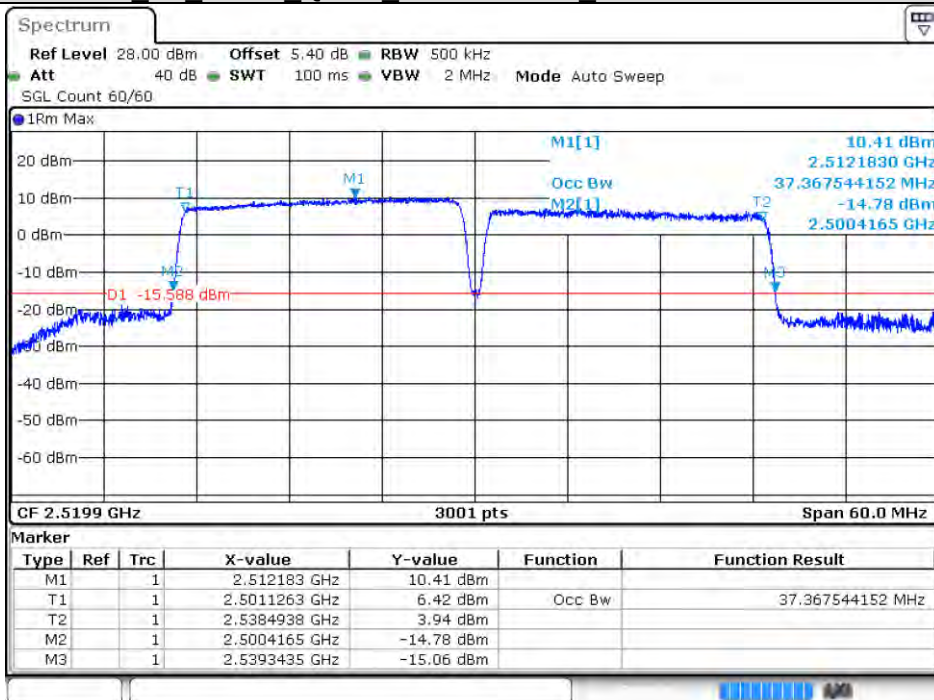


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Date: 14.JAN.2021 08:42:07

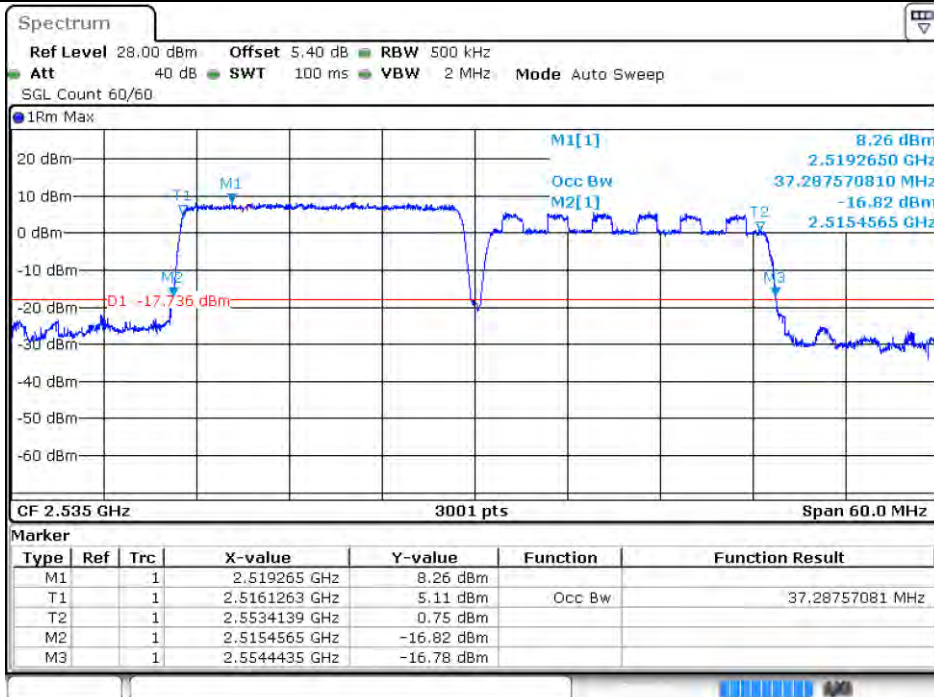
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Date: 13.JAN.2021 21:40:44

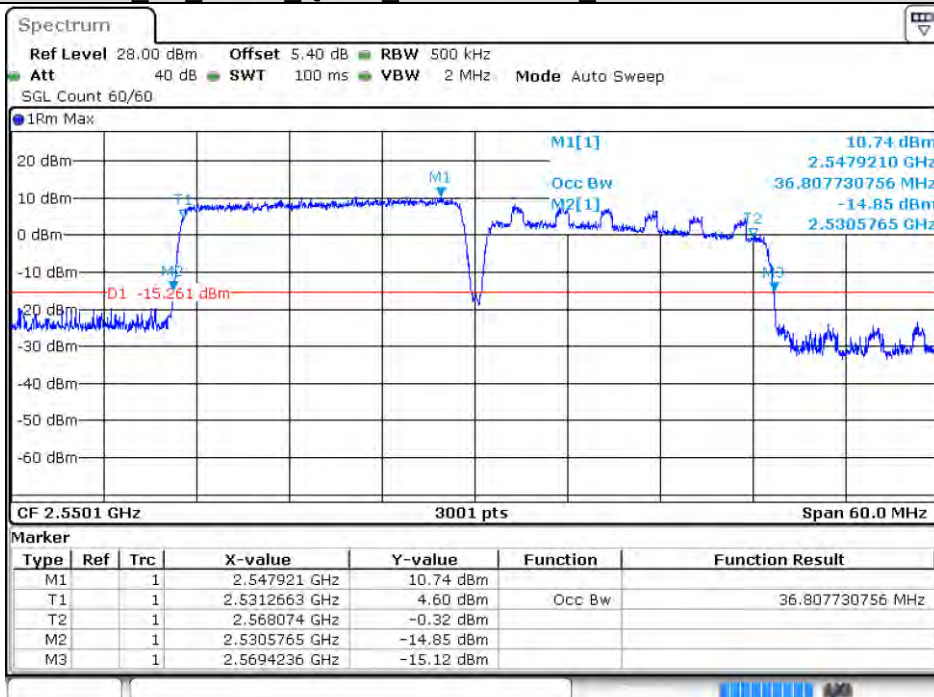


CA 7C 20+20 QPSK 21001+21199 100RB#0+100RB#0



Date: 13.JAN.2021 21:41:23

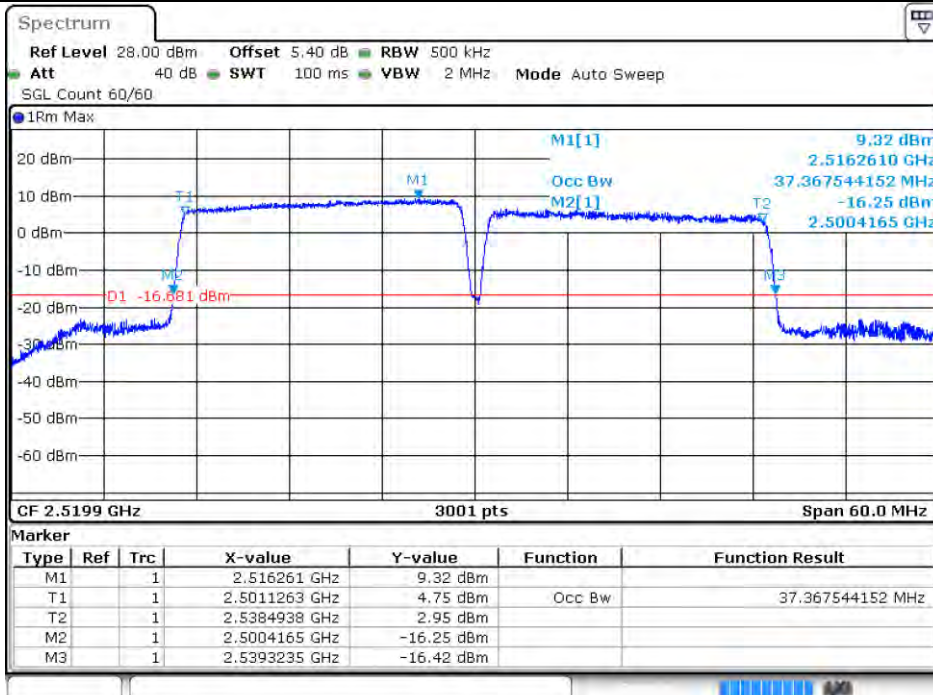
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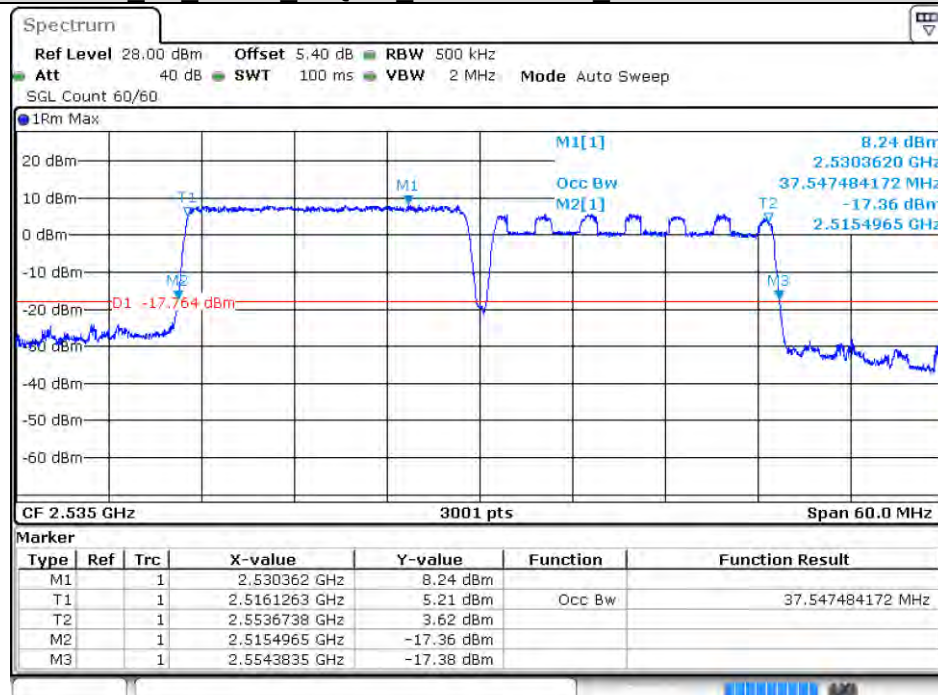


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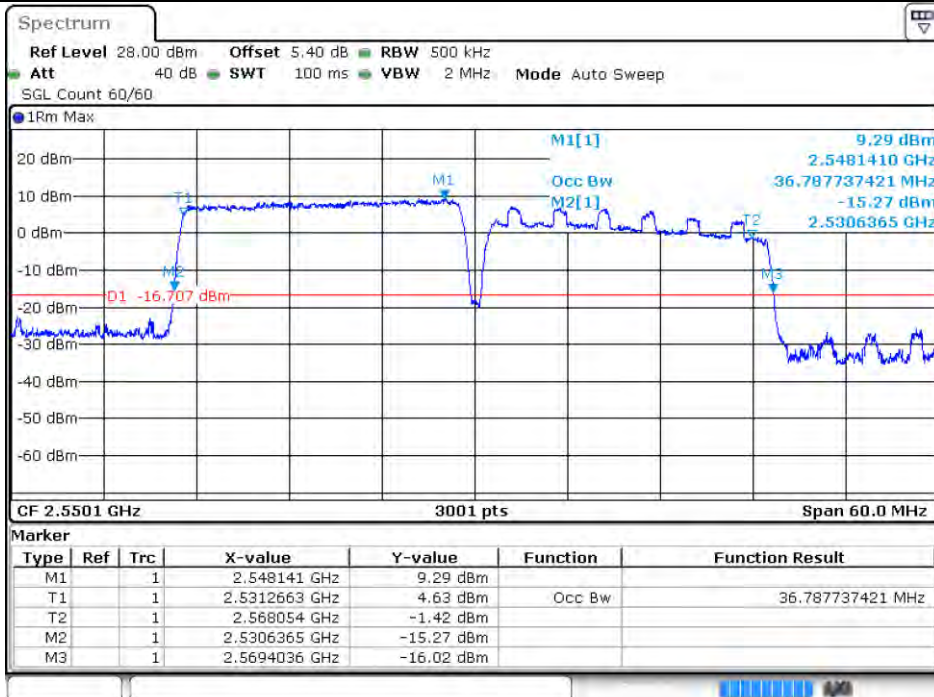
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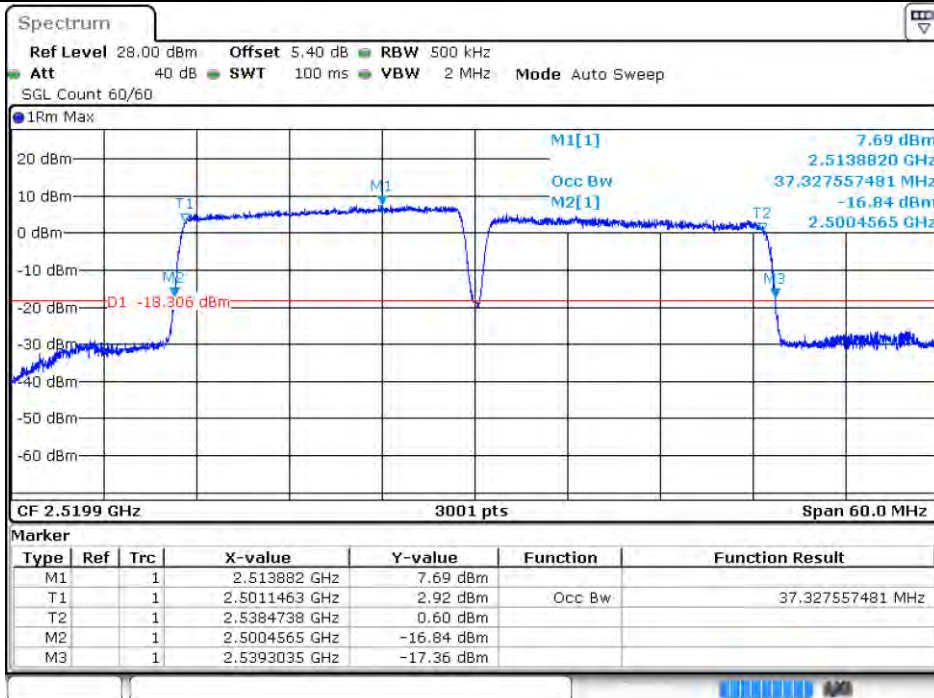


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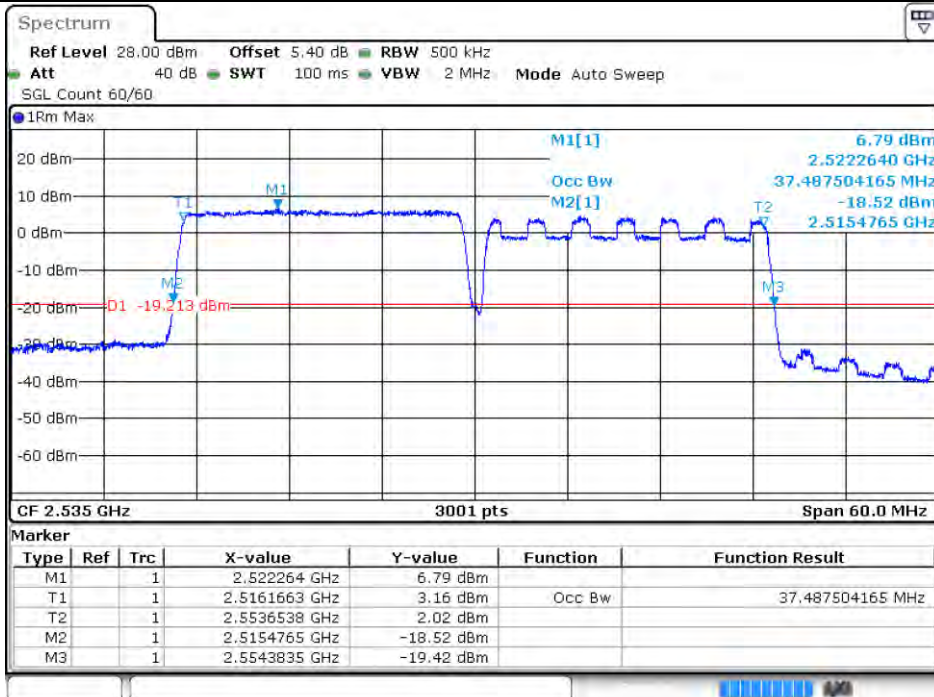
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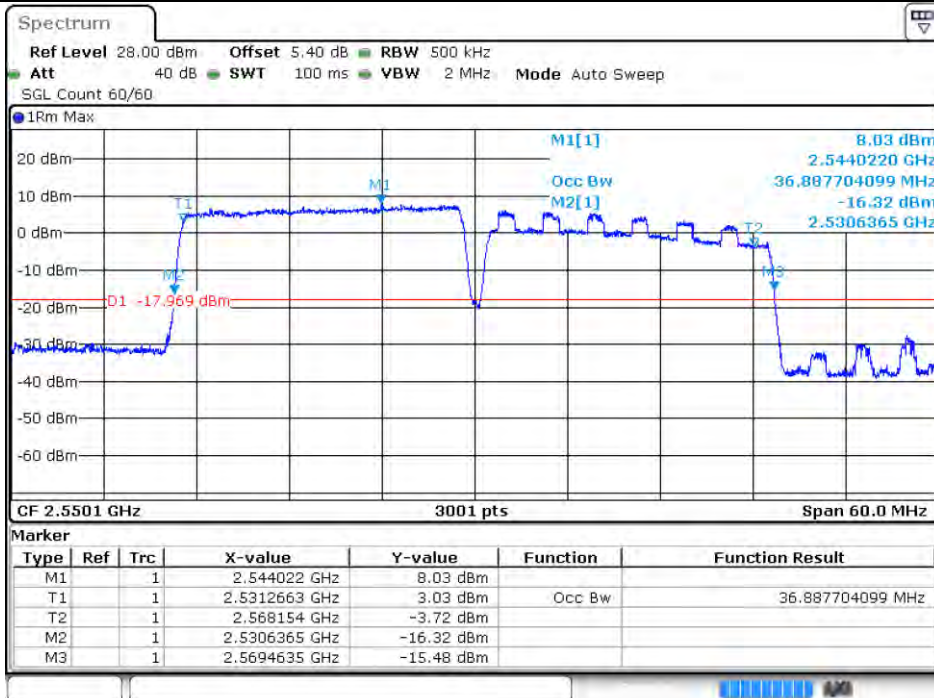


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Date: 13.JAN.2021 21:41:46

CA 7C 20+20 64QAM 21152+21350 100RB#0+100RB#0



Date: 13.JAN.2021 21:42:25



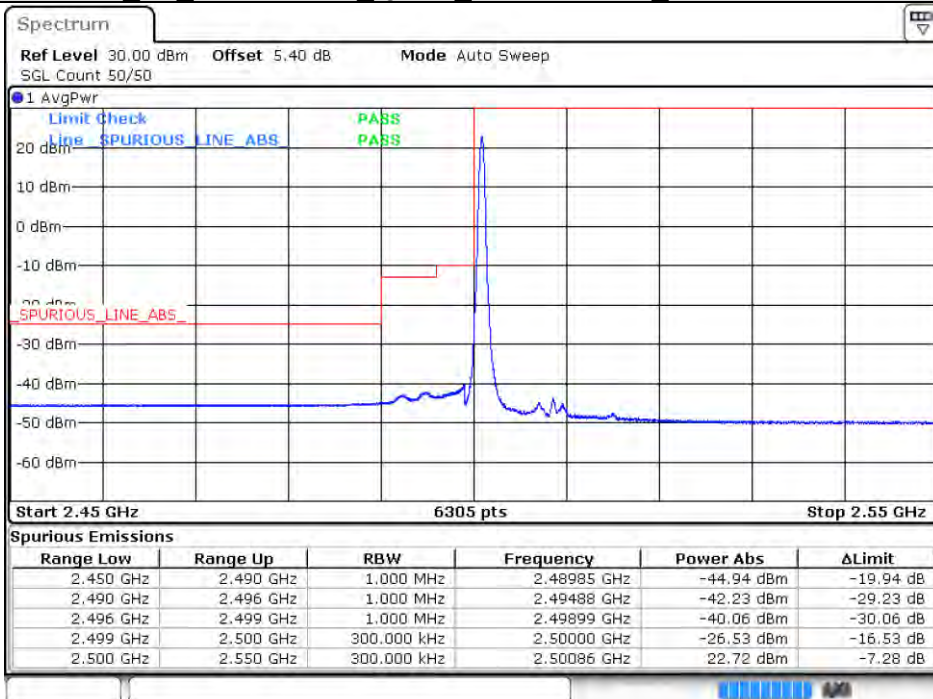


5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_7C

CA 7C 75RB+75RB_QPSK 20825+20975 1RB#0+0RB#0



Date: 13.JAN.2021 21:43:13

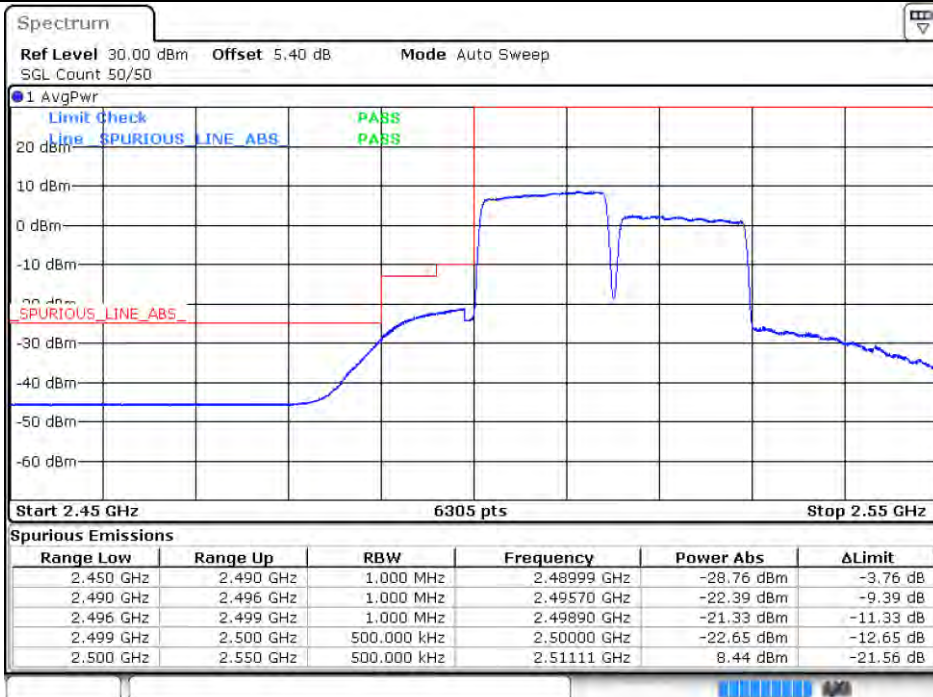


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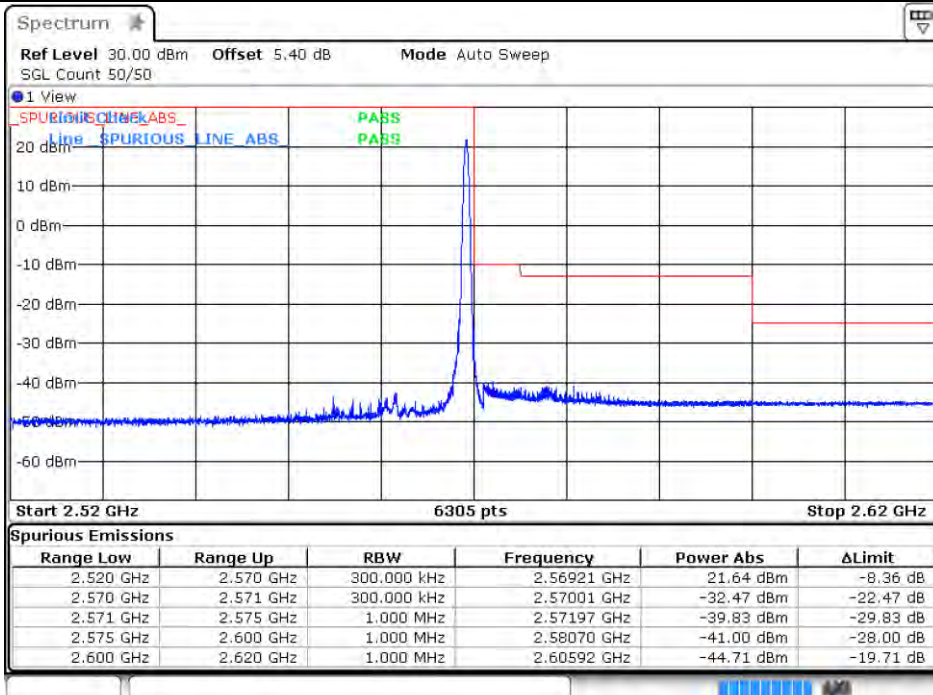
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CA_7C_75RB+75RB_QPSK_20825+20975_75RB#0+75RB#0



Date: 13.JAN.2021 21:44:56

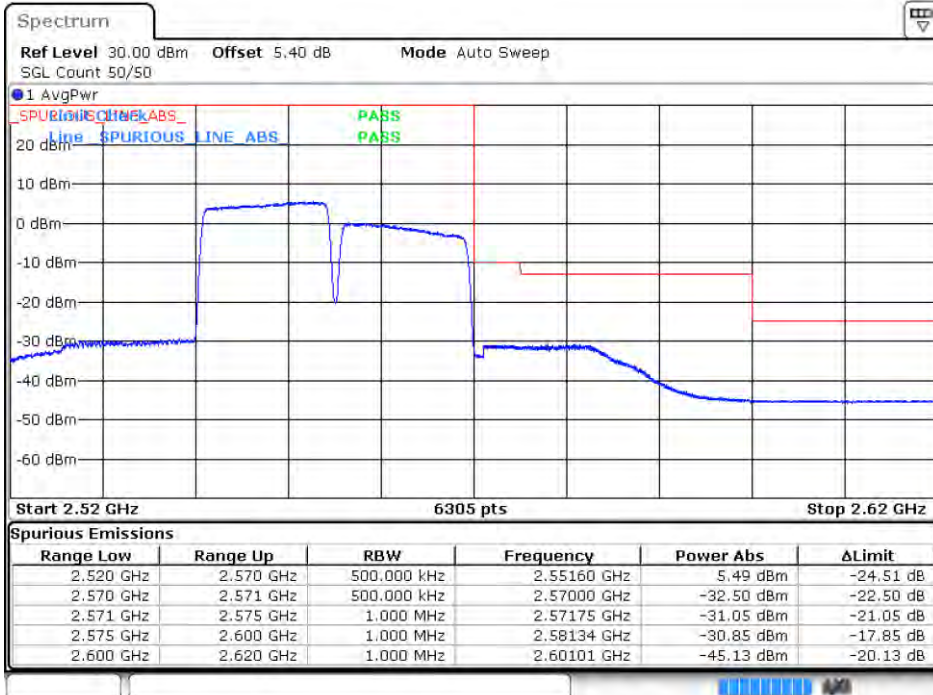
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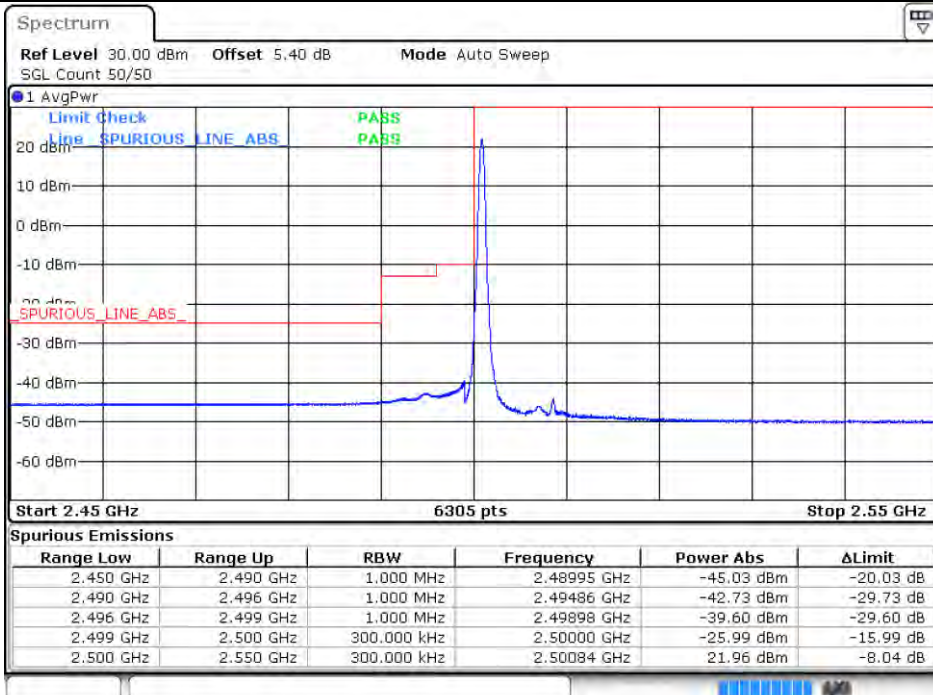


CA 7C 75RB+75RB_QPSK 21225+21375 75RB#0+75RB#0



Date: 13.JAN.2021 22:00:03

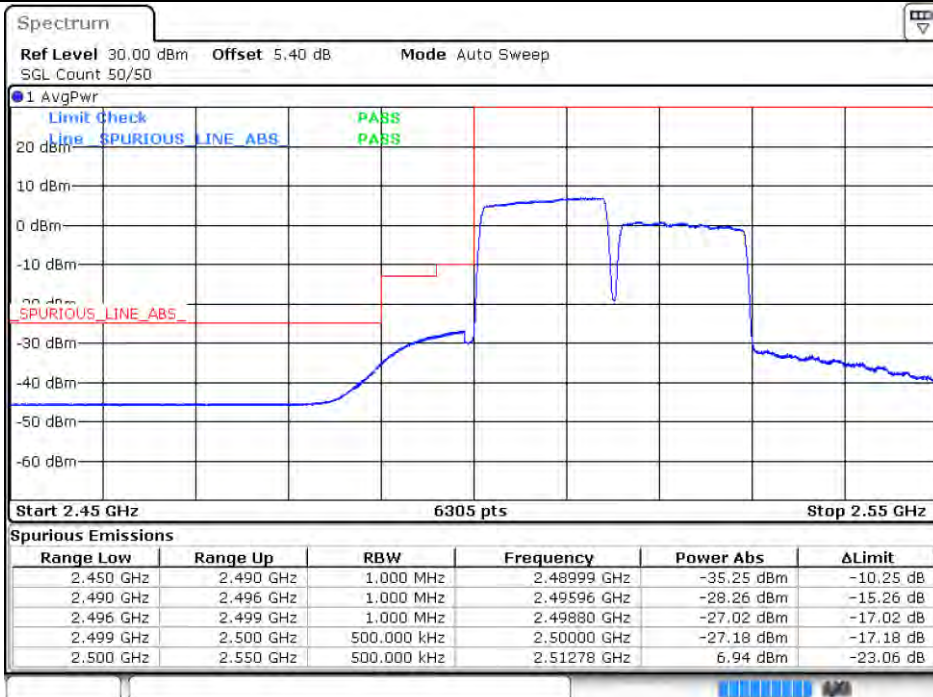
CA 7C 75RB+75RB 16QAM 20825+20975 1RB#0+0RB#0



Date: 13.JAN.2021 21:43:41

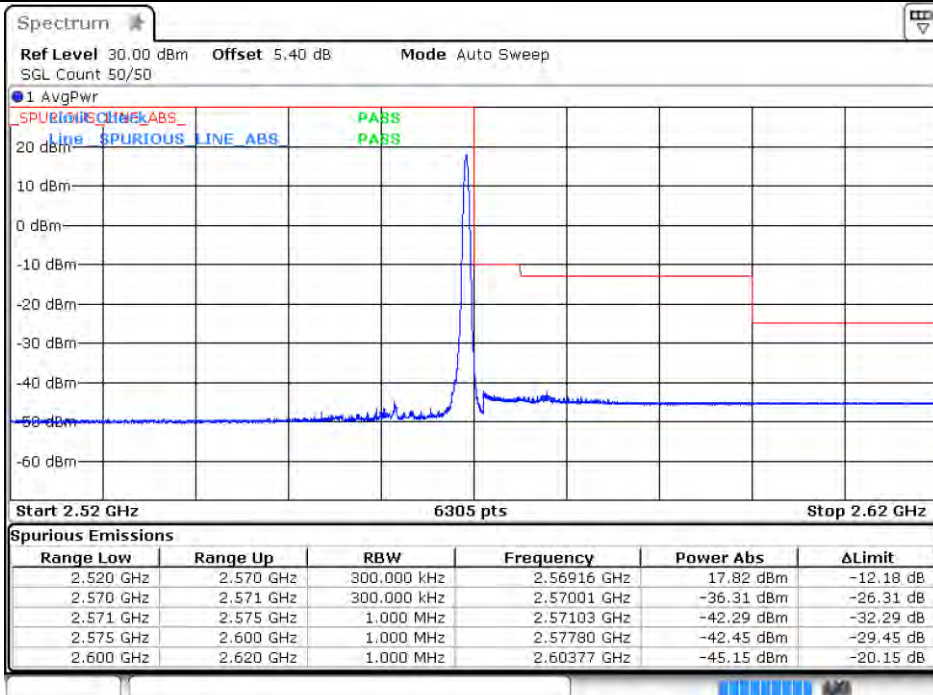


CA 7C 75RB+75RB 16QAM 20825+20975 75RB#0+75RB#0



Date: 13.JAN.2021 21:45:24

CA 7C 75RB+75RB 16QAM 21225+21375 0RB#0+1RB#74



Date: 14.JAN.2021 08:43:41

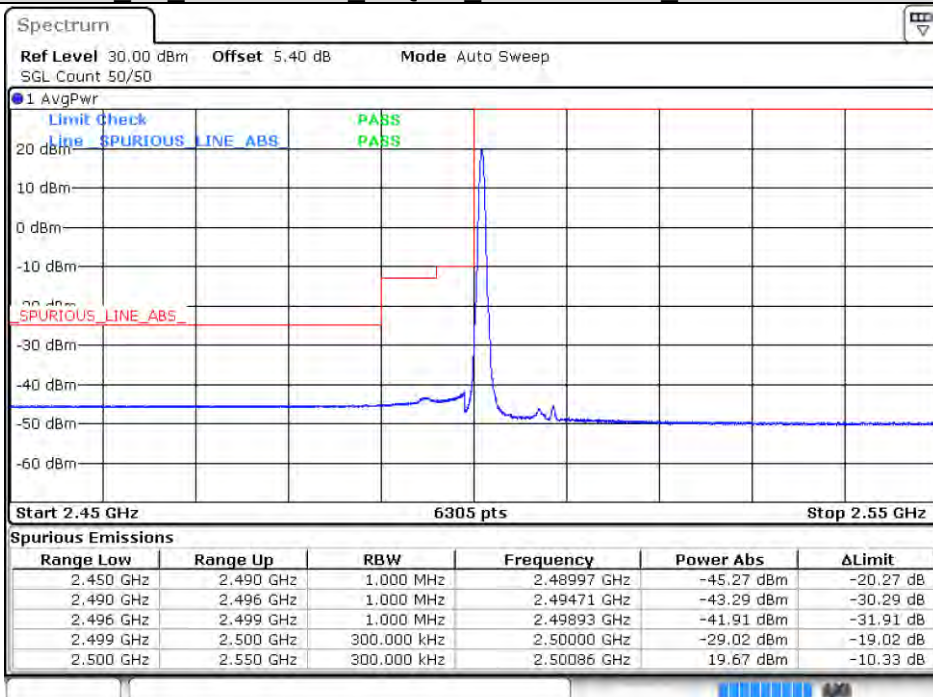


CA 7C 75RB+75RB 16QAM 21225+21375 75RB#0+75RB#0



Date: 13.JAN.2021 22:00:19

CA 7C 75RB+75RB 64QAM 20825+20975 1RB#0+0RB#0



Date: 13.JAN.2021 21:44:10



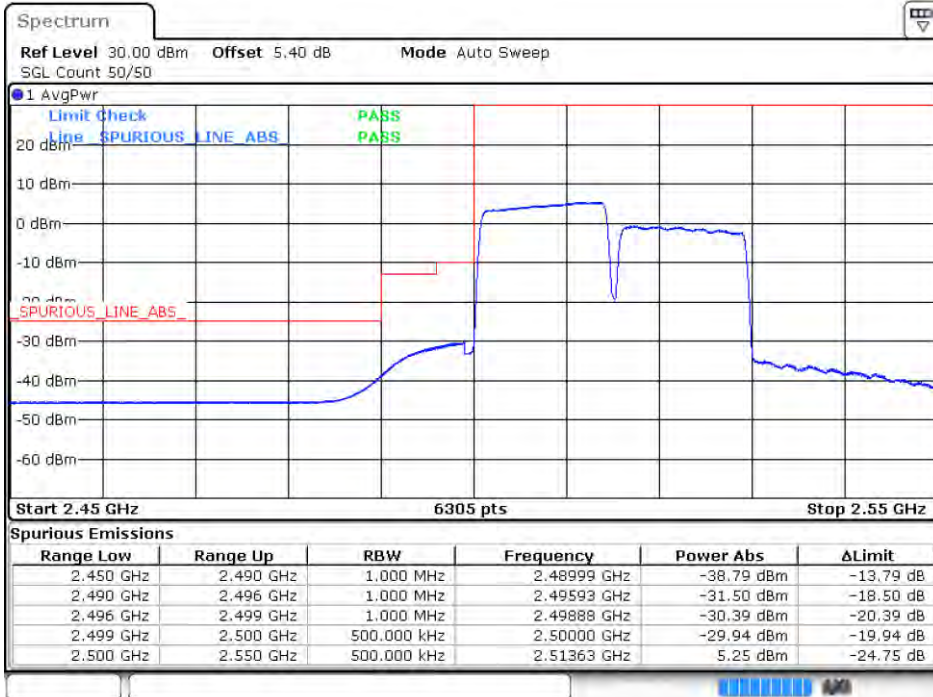
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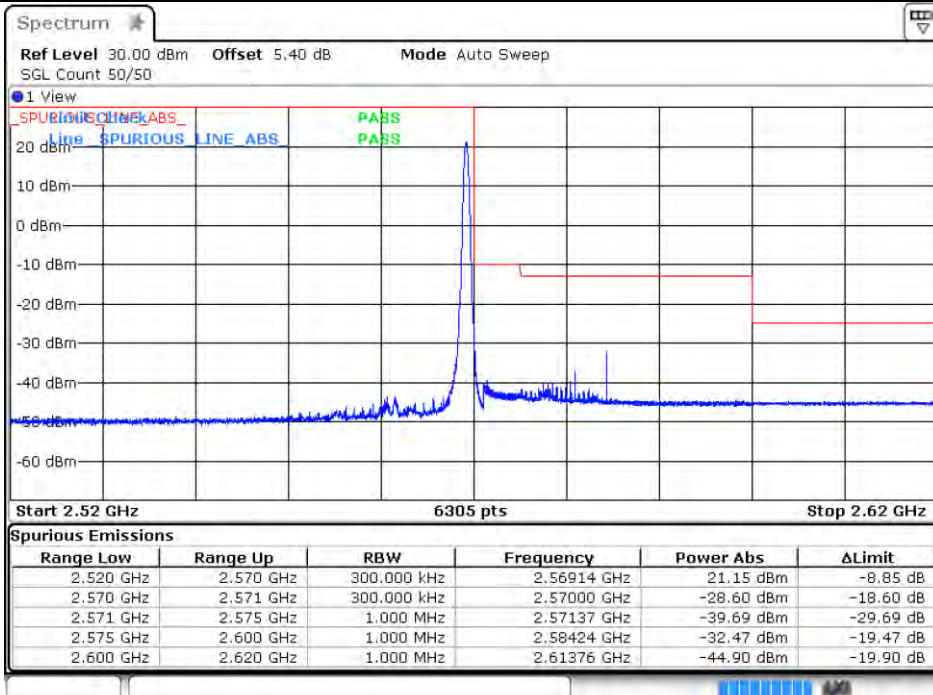
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CA 7C 75RB+75RB 64QAM 20825+20975 75RB#0+75RB#0



Date: 13.JAN.2021 21:45:53

CA 7C 75RB+75RB 64QAM 21225+21375 0RB#0+1RB#74



Date: 14.JAN.2021 08:44:14

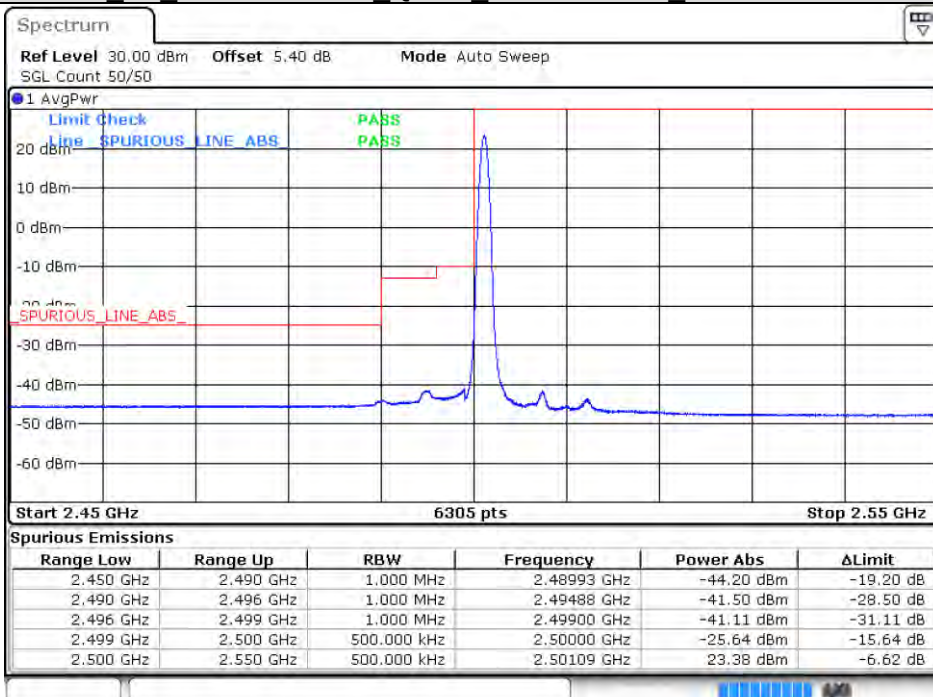


CA 7C 75RB+75RB 64QAM 21225+21375 75RB#0+75RB#0



Date: 13.JAN.2021 22:00:34

CA 7C 100RB+100RB QPSK 20850+21048 1RB#0+0RB#0



Date: 13.JAN.2021 22:01:21



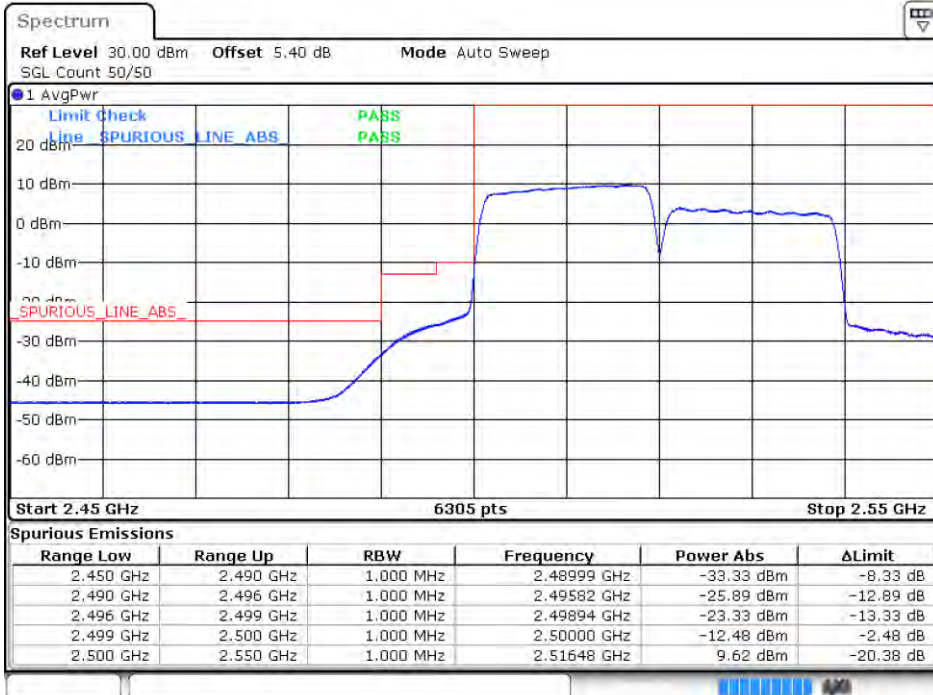
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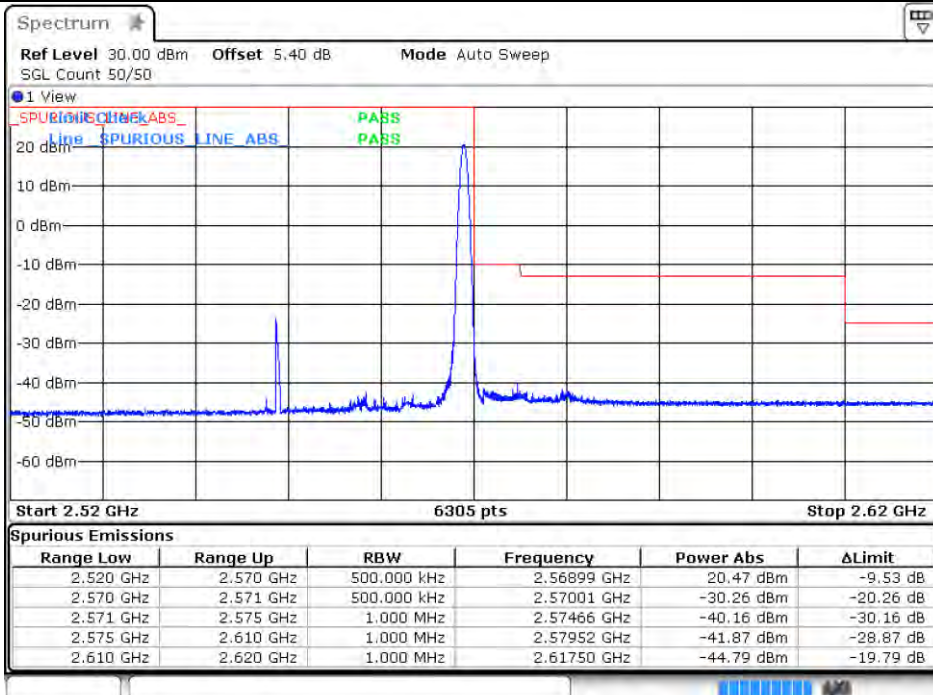
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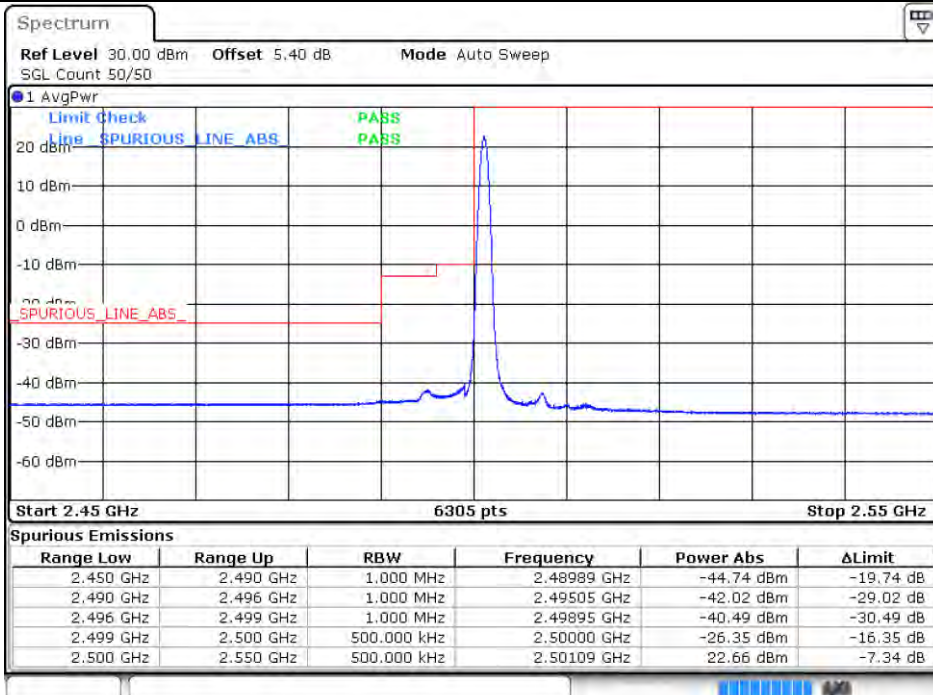
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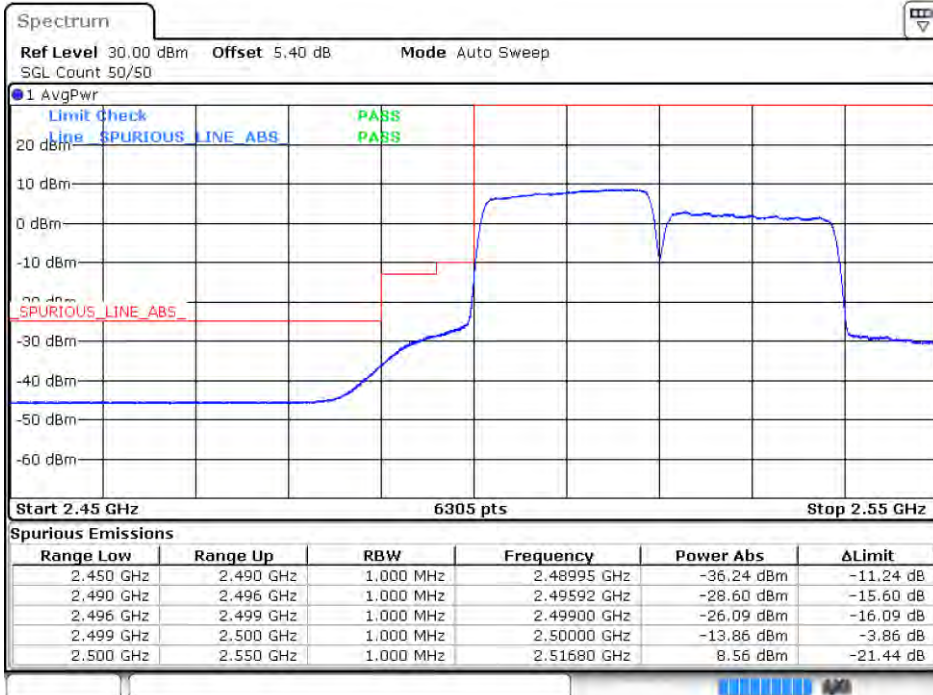
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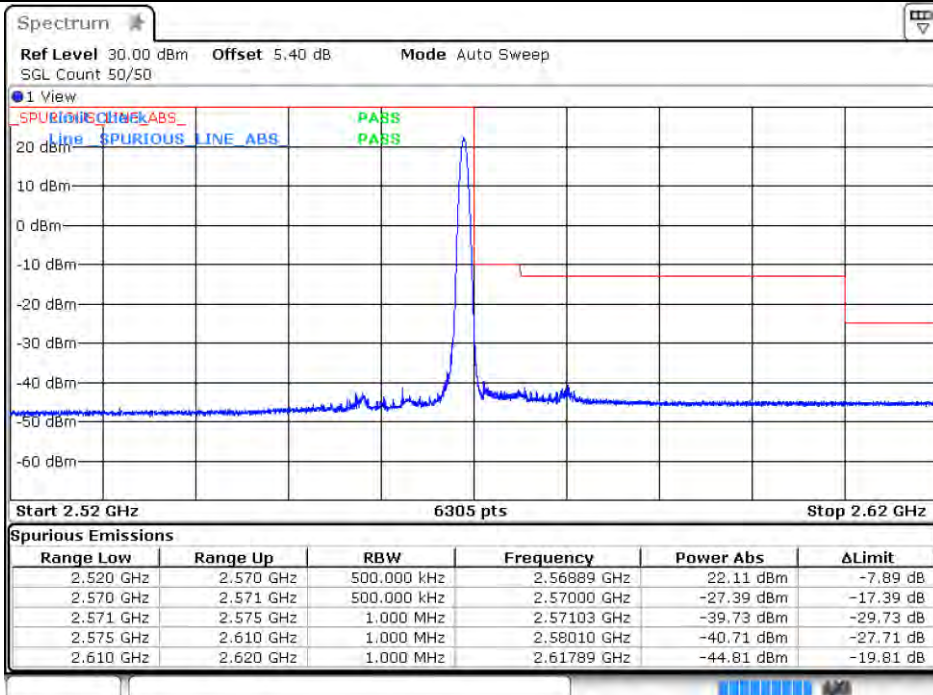
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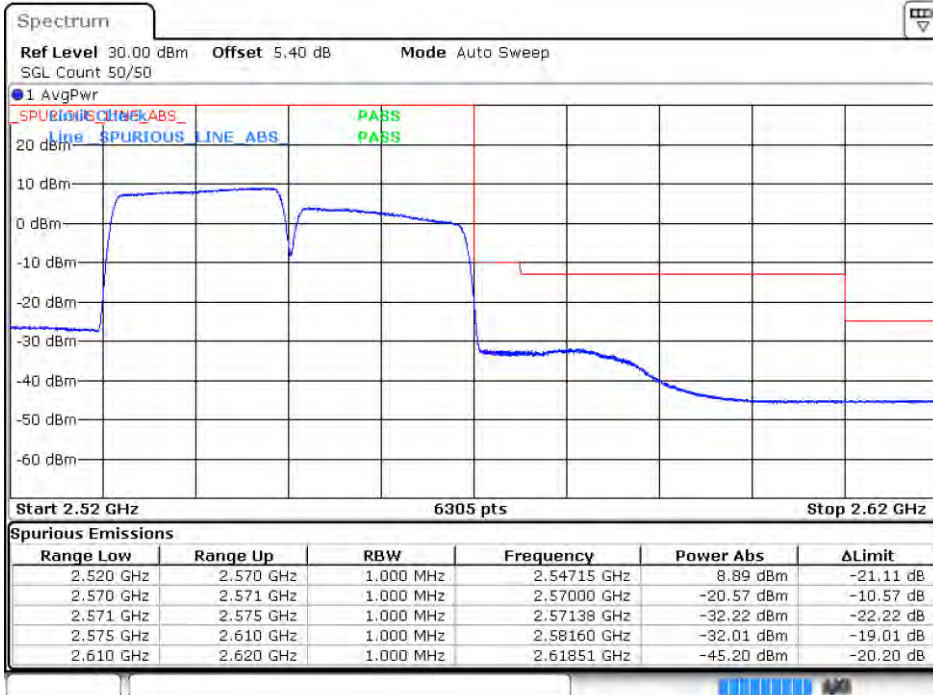
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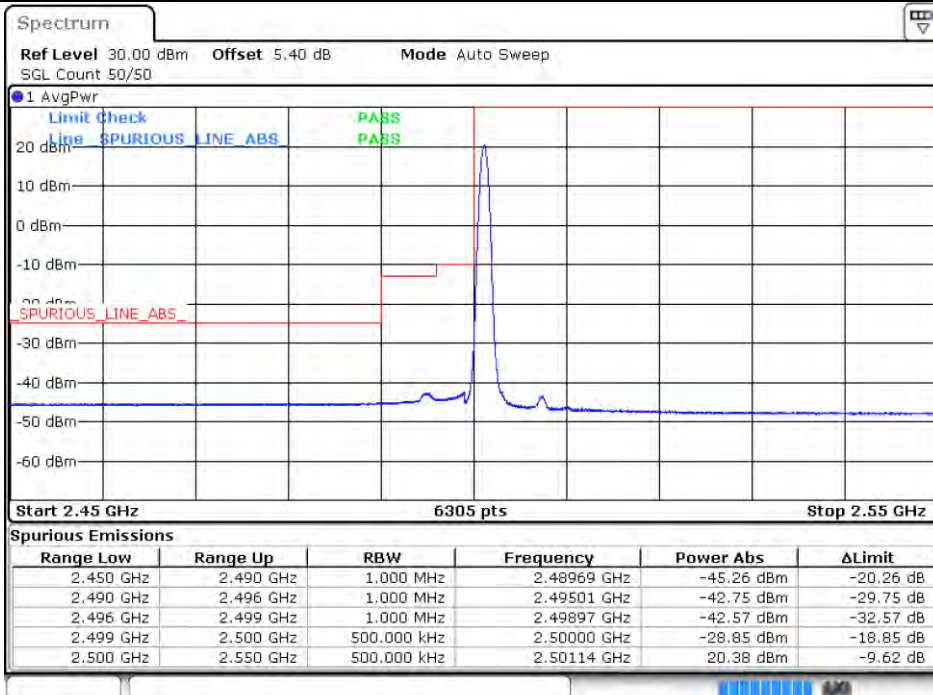


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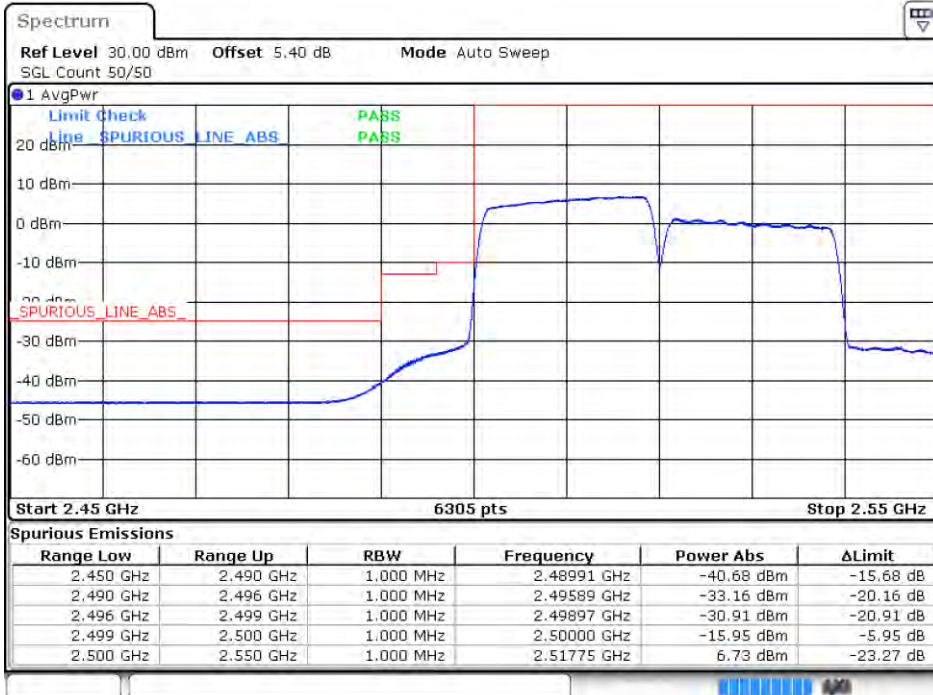
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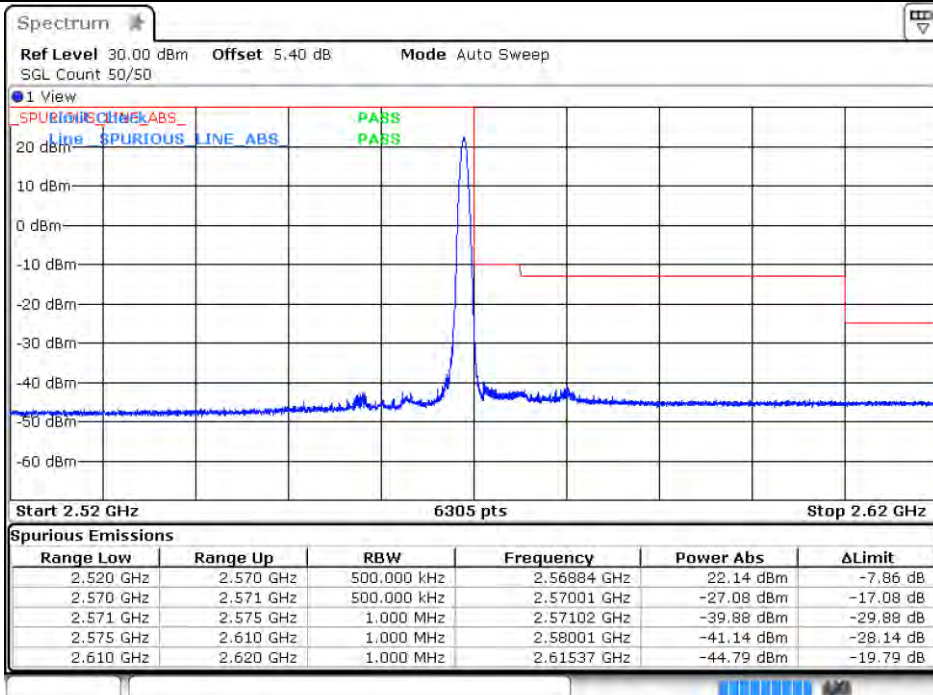
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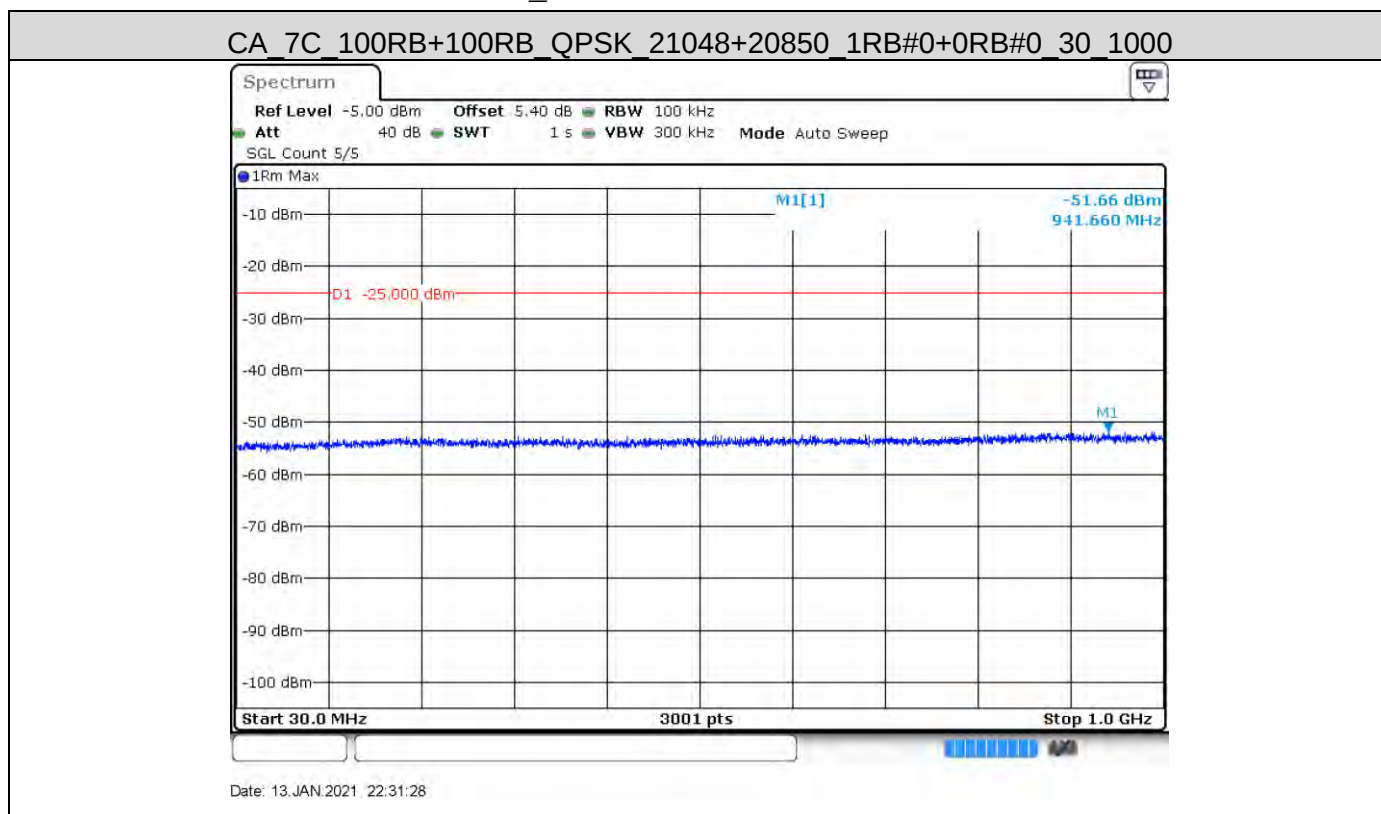
6 Spurious Emission at Antenna Terminal

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 $< RBW/2$ 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.

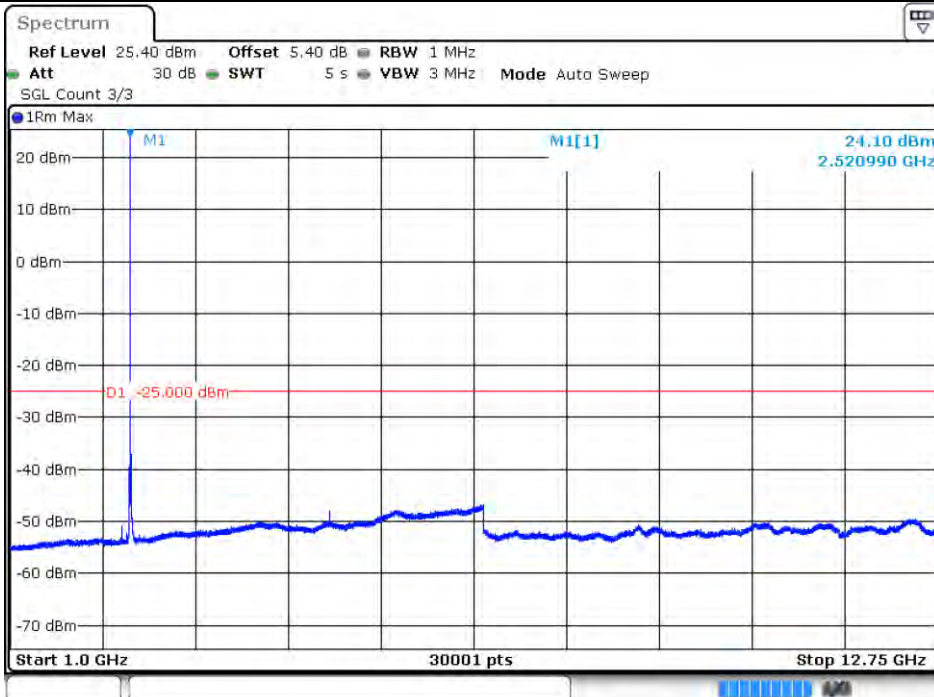
Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE Band CA_7C

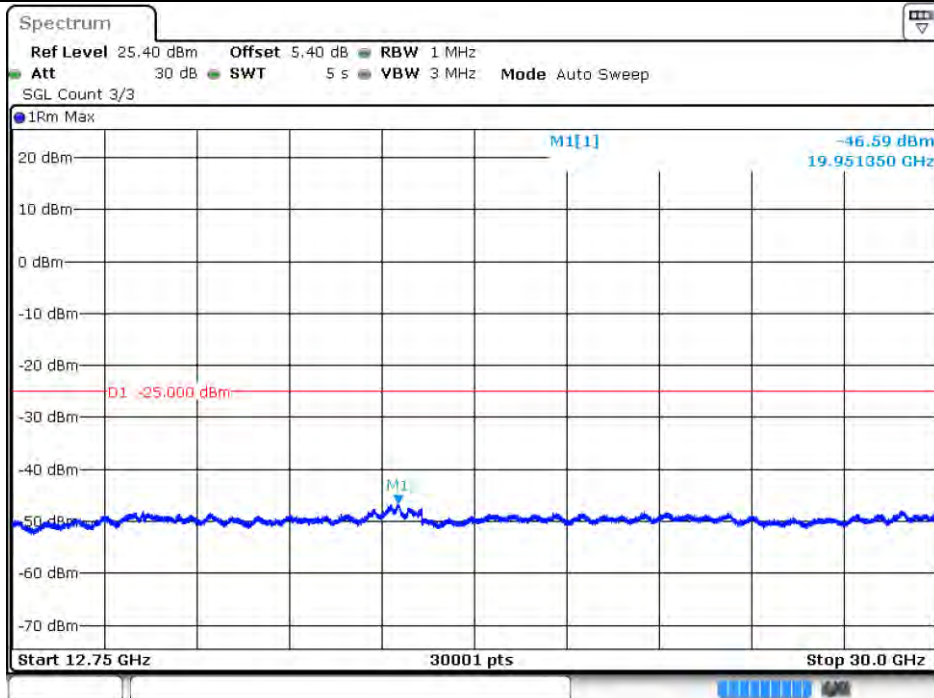


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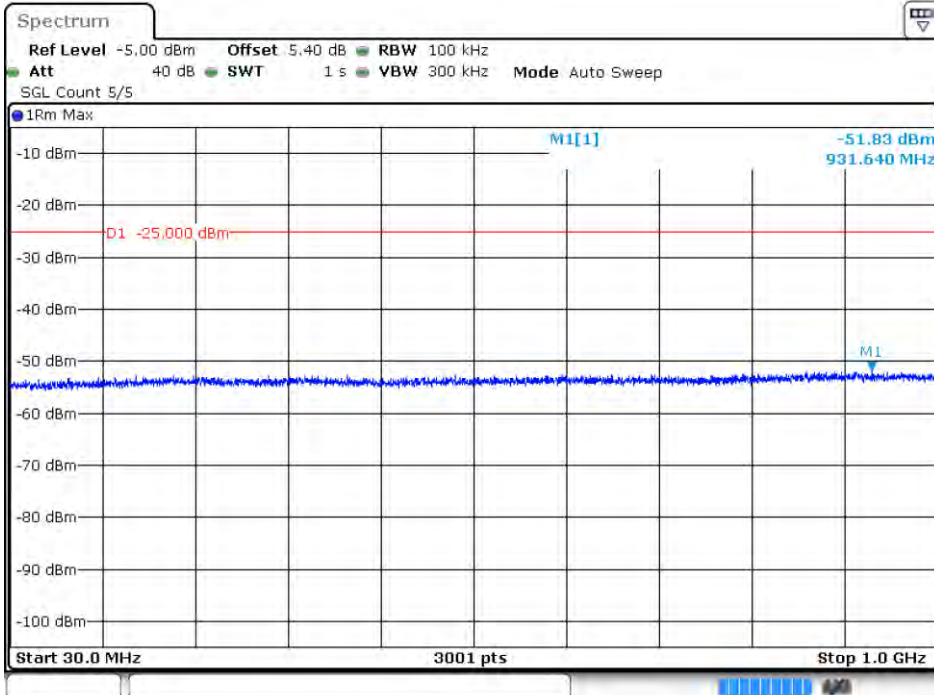


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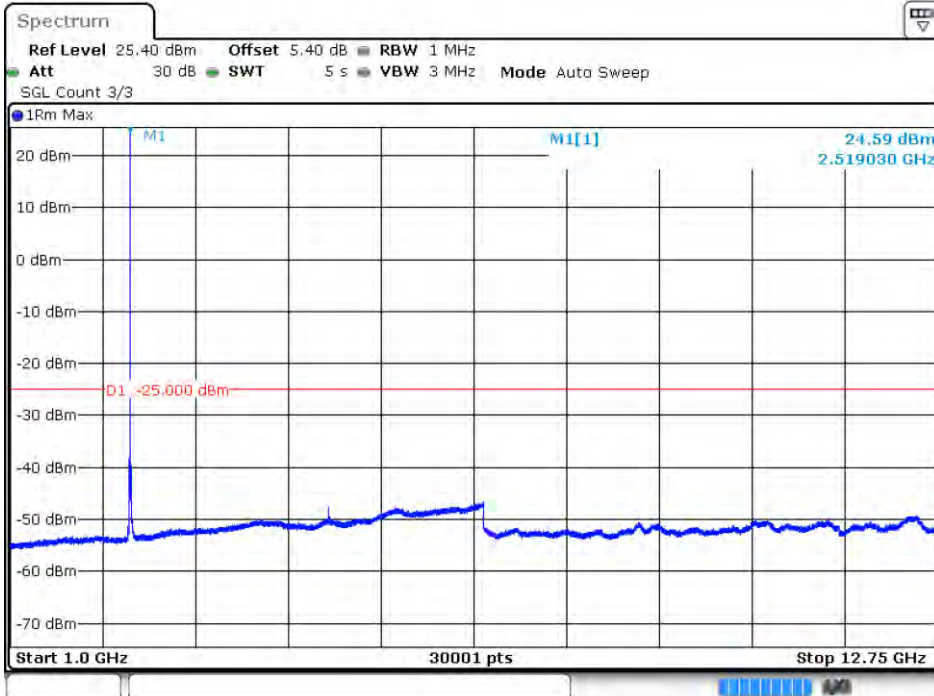
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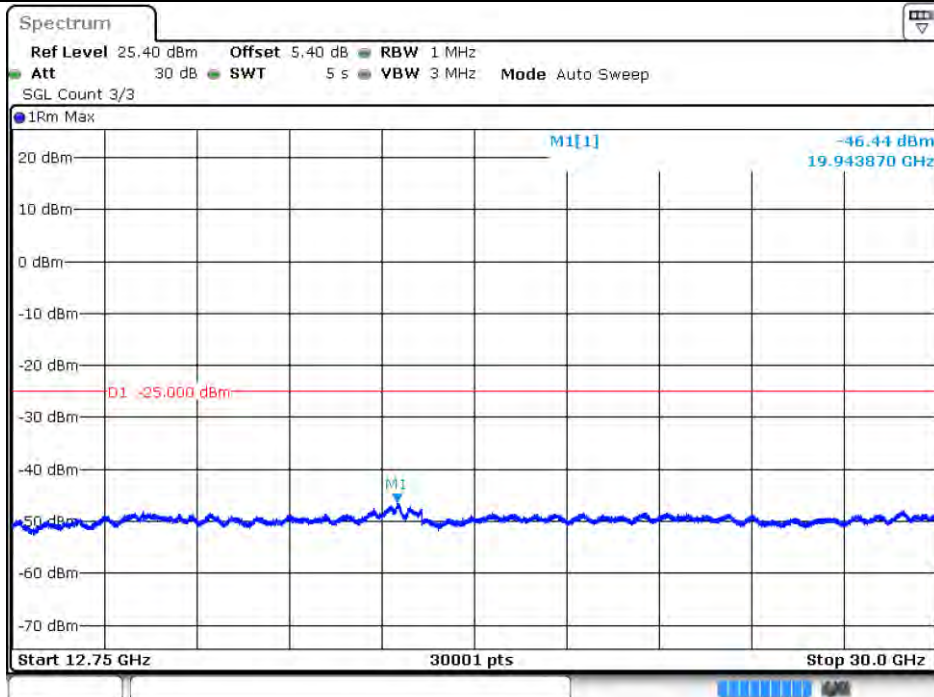
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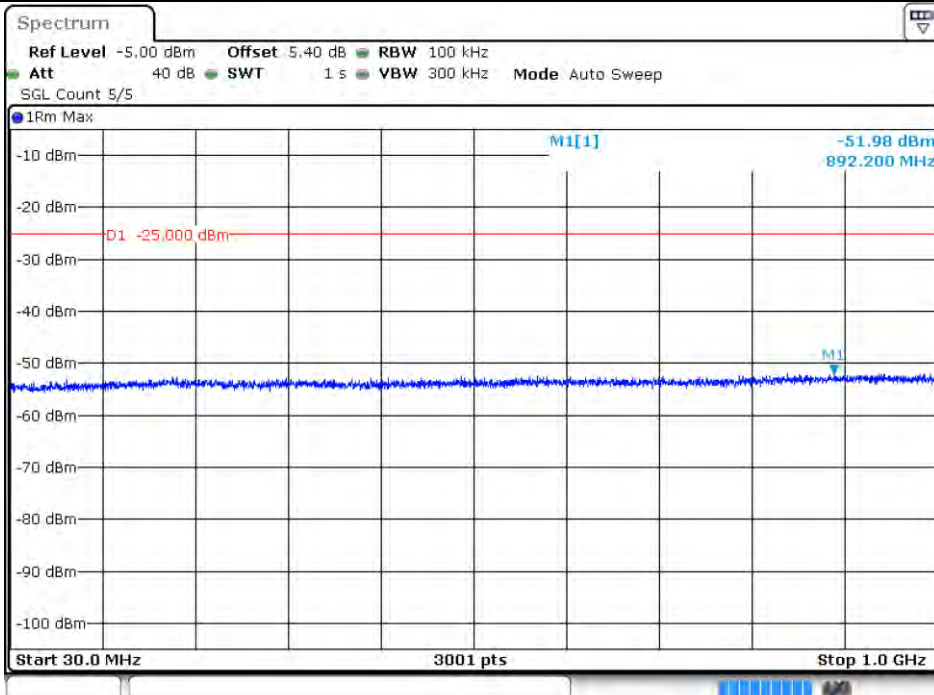
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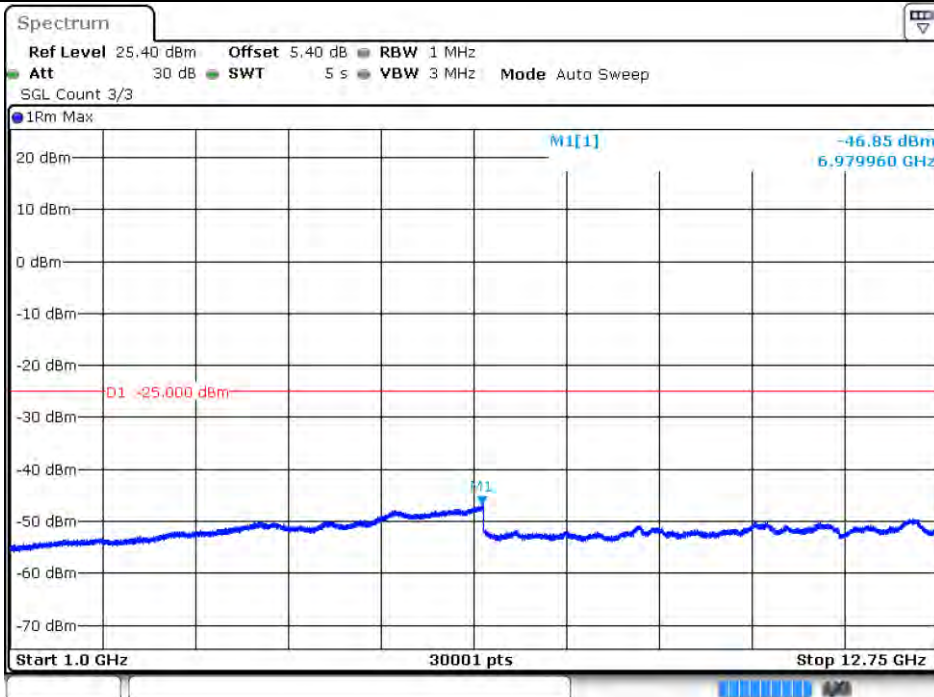


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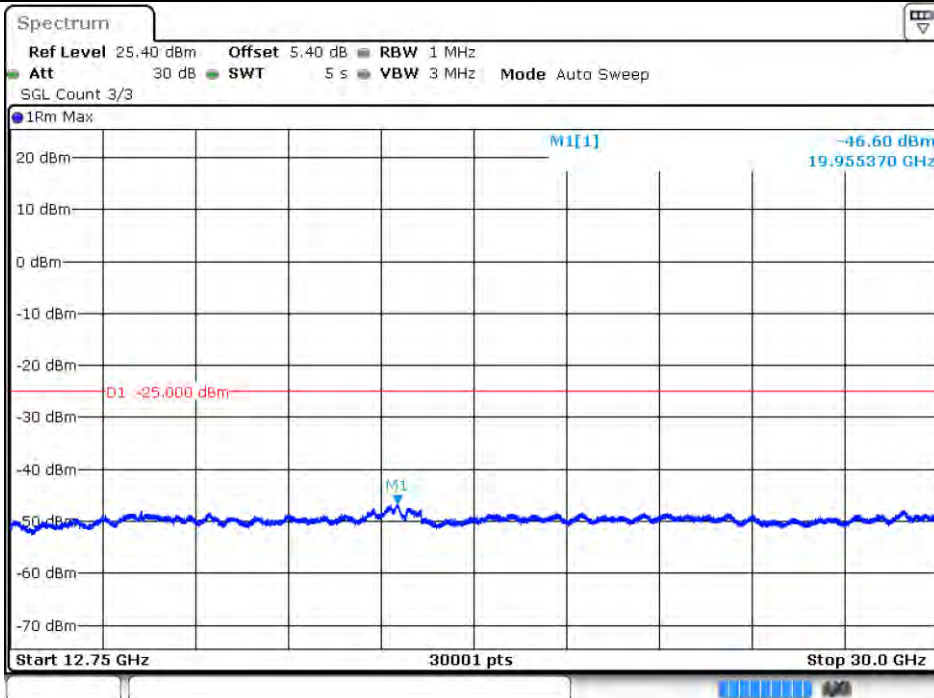
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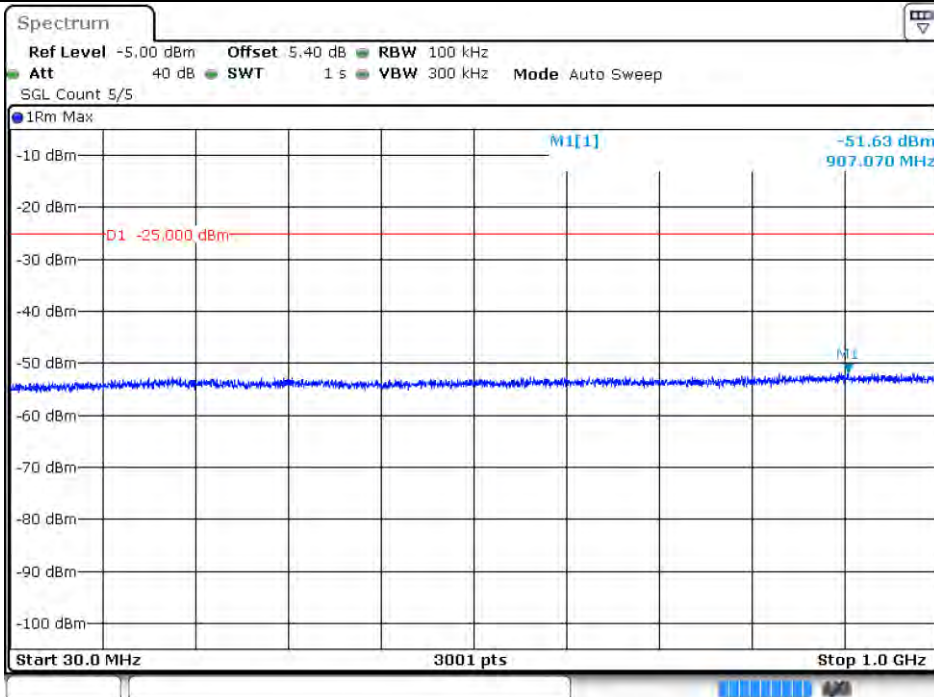


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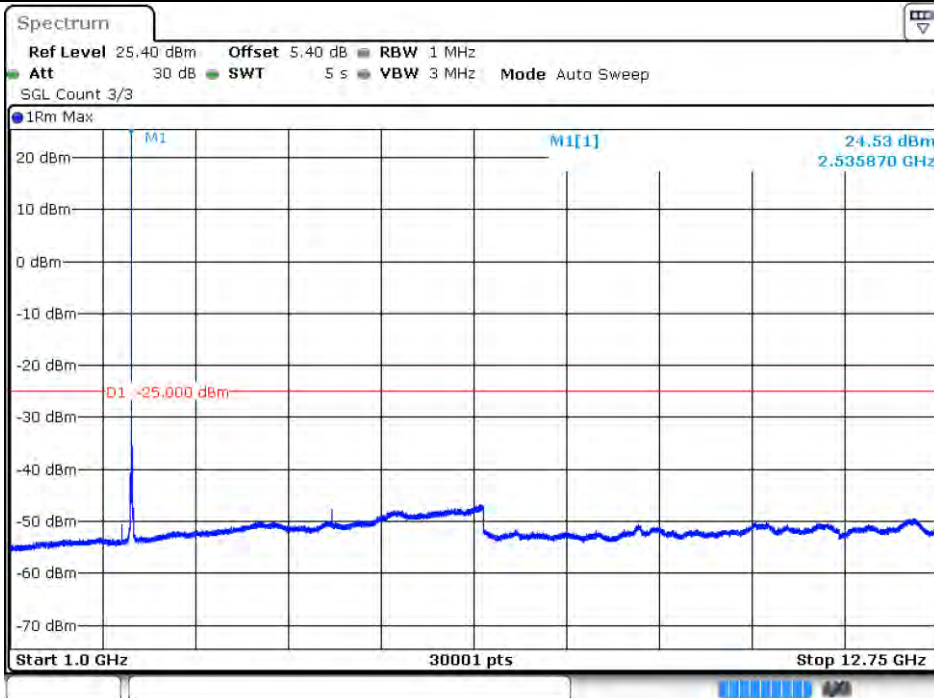
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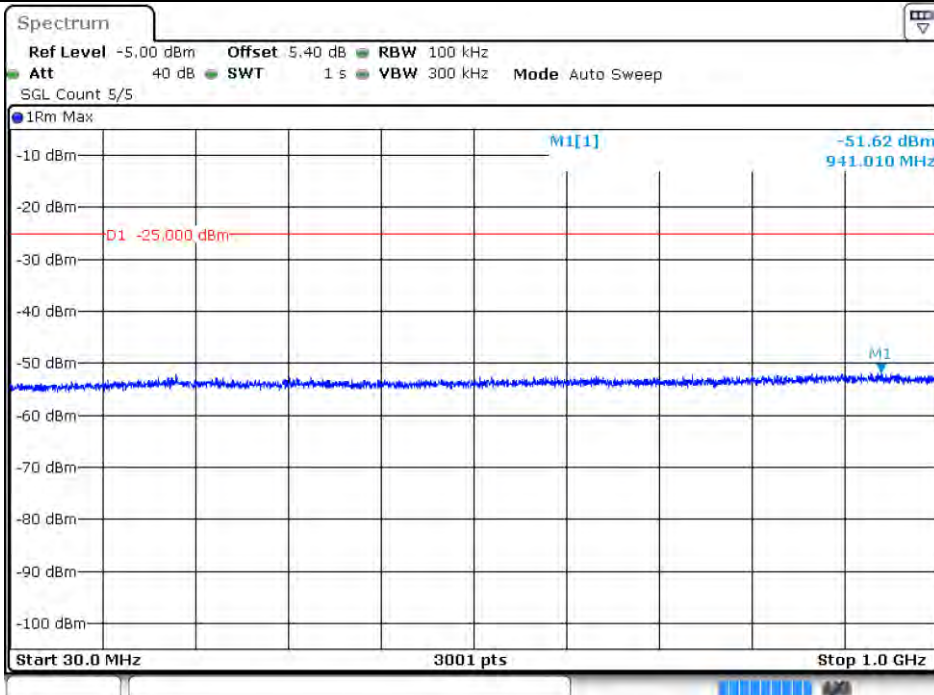


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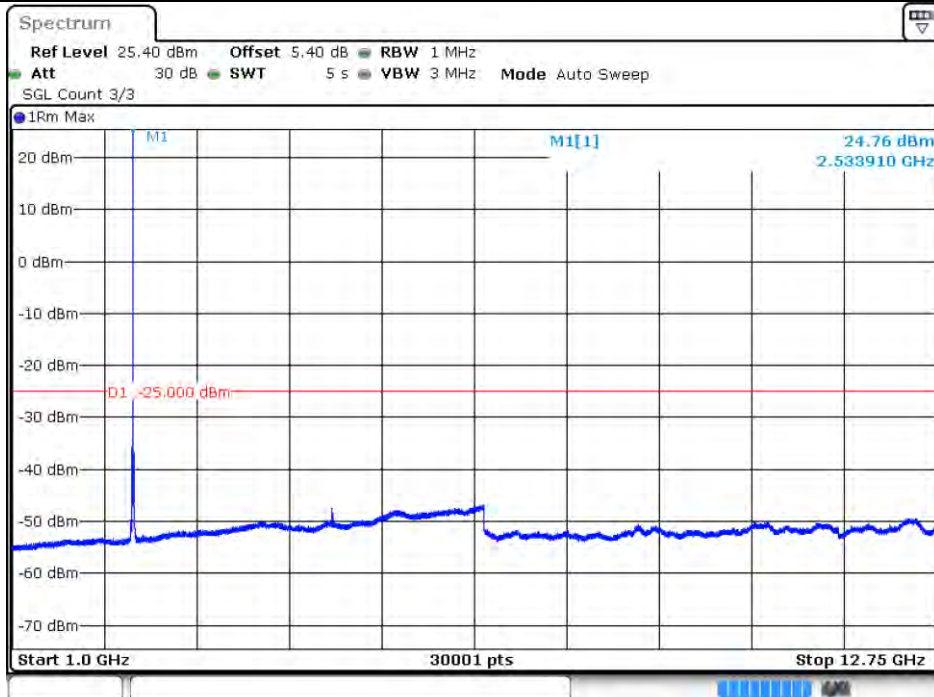
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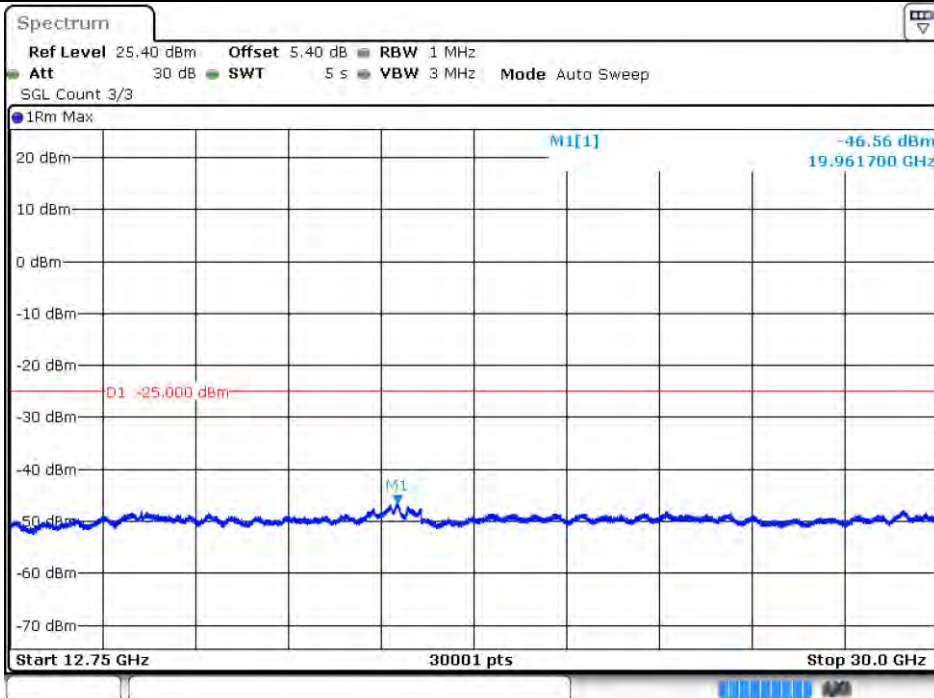
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Date: 14. JAN. 2021 08:49:58

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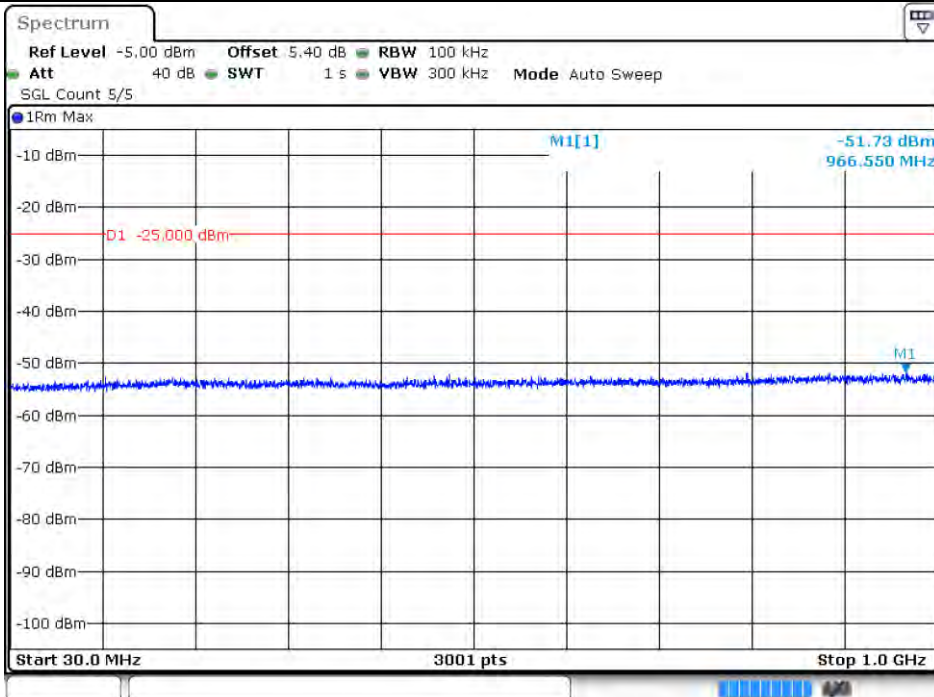


Date: 13. JAN. 2021 23:10:56



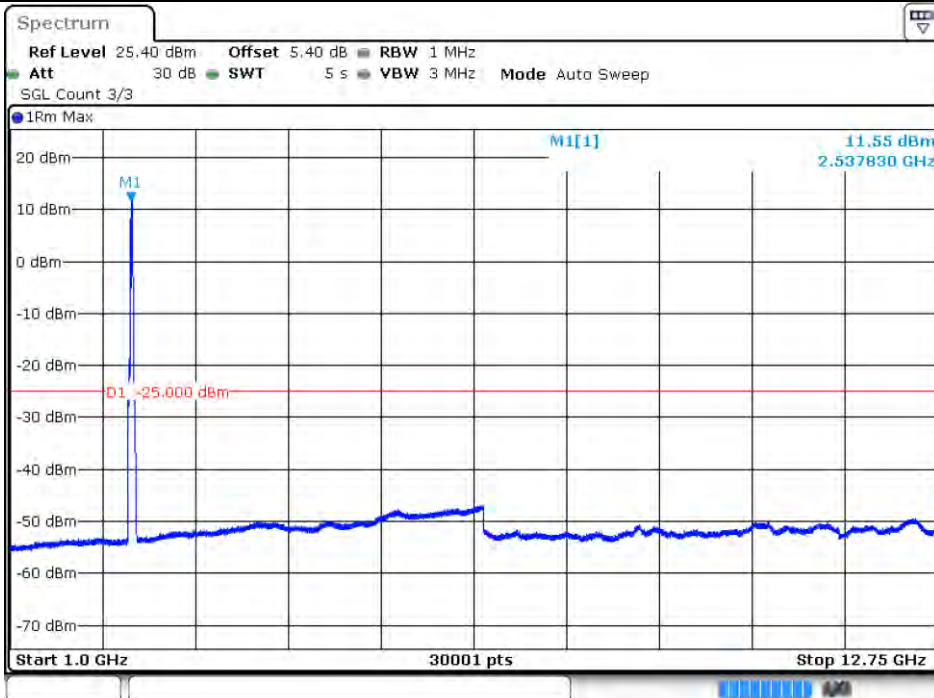


CA 7C 100RB+100RB QPSK 21199+21001 100RB#0+100RB#0 30 1000



Date: 13.JAN.2021 22:32:42

CA 7C 100RB+100RB QPSK 21199+21001 100RB#0+100RB#0 1000 12750



Date: 13.JAN.2021 22:50:37



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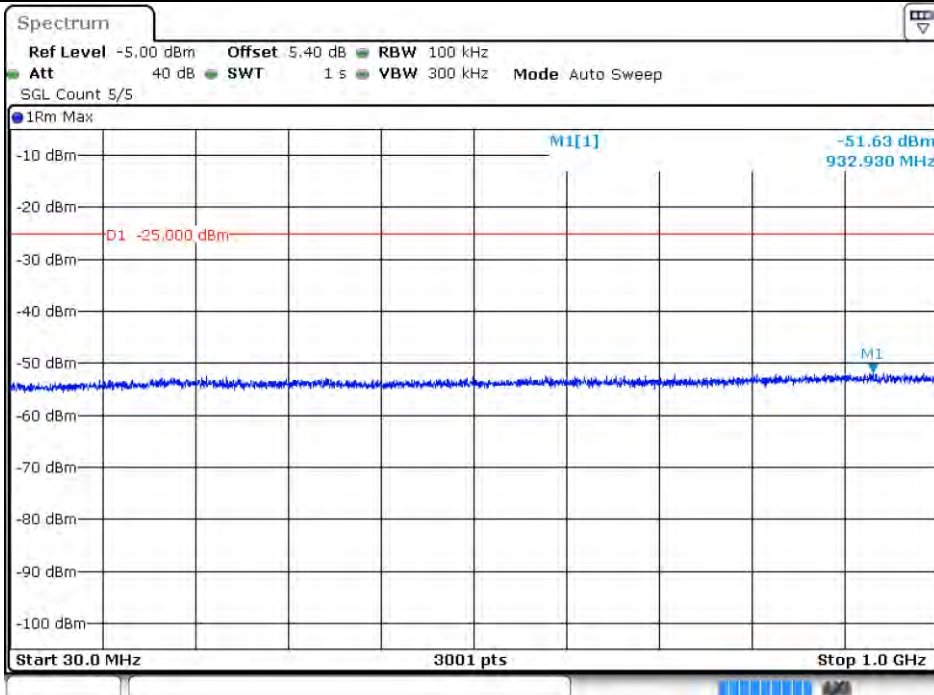
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CA 7C 100RB+100RB_QPSK_21199+21001_100RB#0+100RB#0_12750 30000



Date: 13.JAN.2021 23:11:12

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Date: 13.JAN.2021 22:33:30



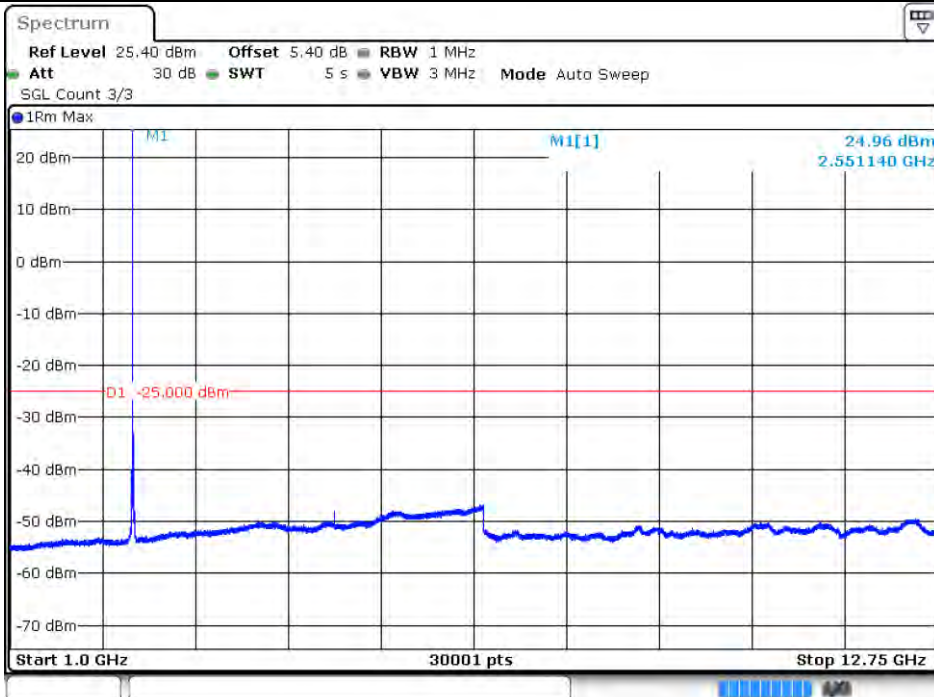
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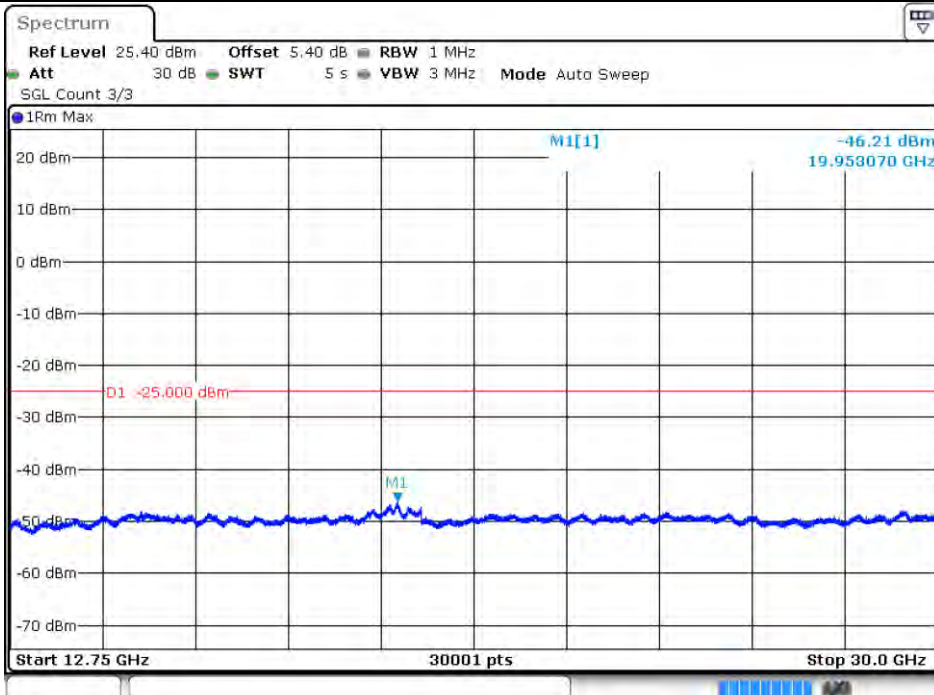
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CA 7C 100RB+100RB QPSK 21350+21152 1RB#0+0RB#0 1000 12750



Date: 13.JAN.2021 22:52:38

CA 7C 100RB+100RB QPSK 21350+21152 1RB#0+0RB#0 12750 30000



Date: 13.JAN.2021 23:13:14



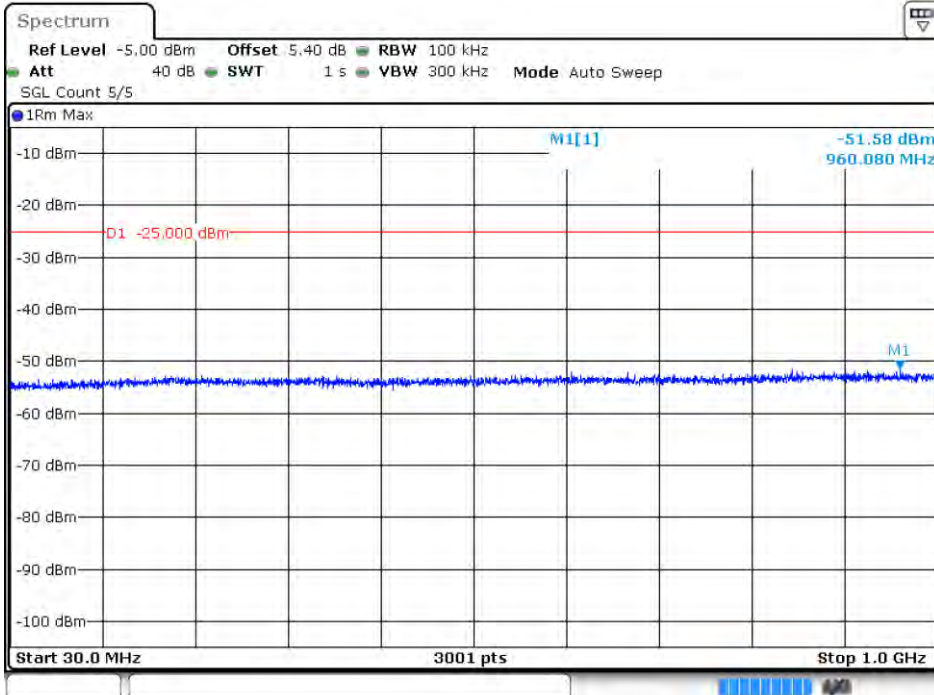
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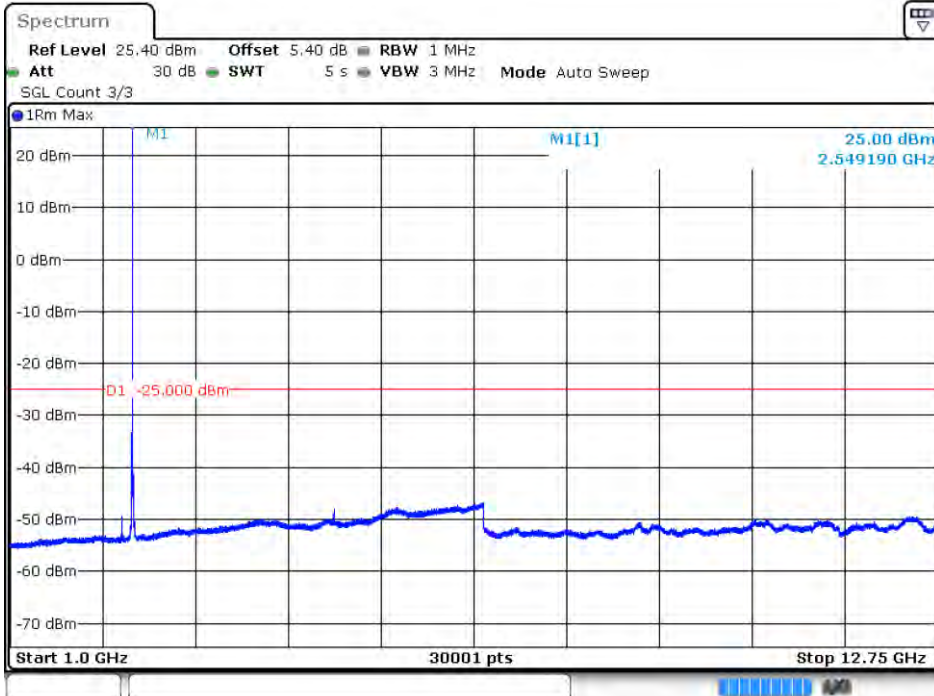
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CA 7C 100RB+100RB QPSK 21350+21152 0RB#0+1RB#99 30 1000



Date: 13.JAN.2021 22:33:36

CA 7C 100RB+100RB QPSK 21350+21152 0RB#0+1RB#99 1000 12750



Date: 14.JAN.2021 08:52:28



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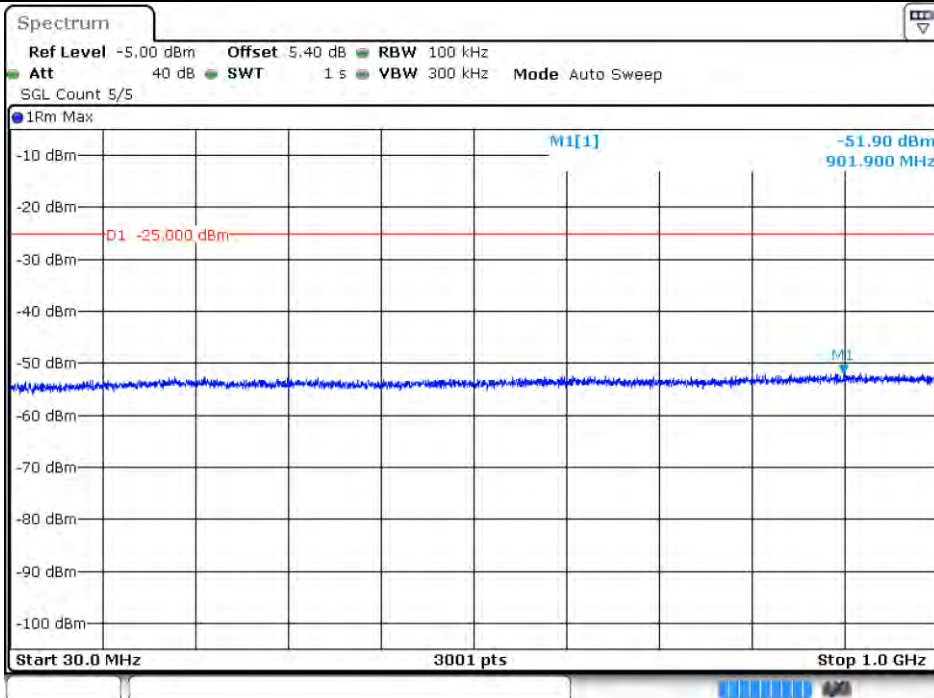
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CA 7C 100RB+100RB QPSK 21350+21152 0RB#0+1RB#99 12750 30000



Date: 13.JAN.2021 23:13:31

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Date: 13.JAN.2021 22:33:43

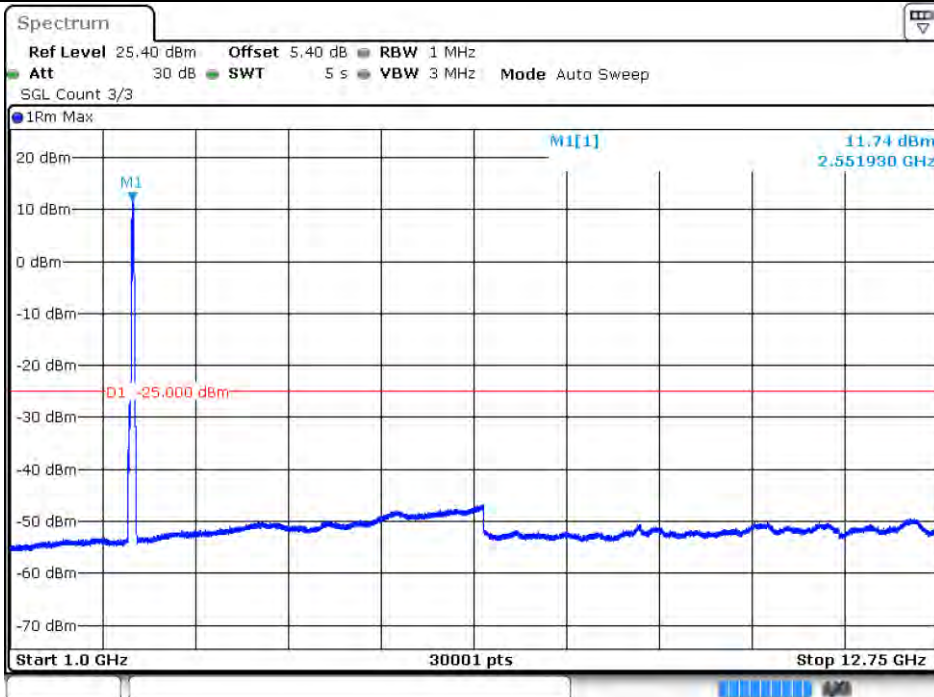


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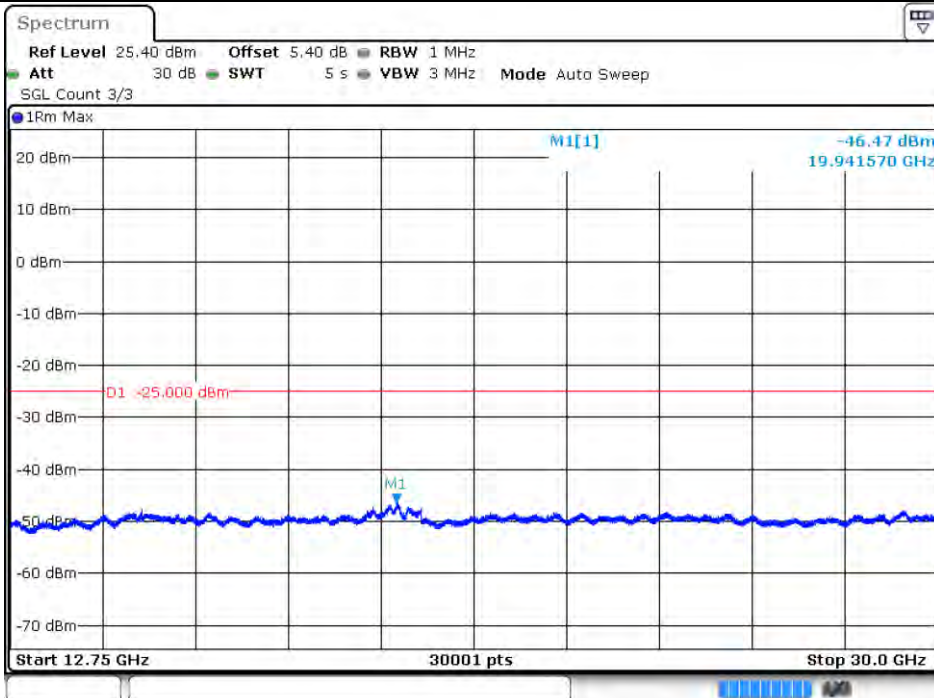
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Date: 13. JAN 2021 22:53:12

CA 7C 100RB+100RB QPSK 21350+21152 100RB#0+100RB#0 12750 30000



Date: 13. JAN 2021 23:13:48



7 Field Strength of Spurious Radiation

7.1. Test Band = CA_7C_TM1 ANT 2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3082	-70.08	-63.10	-25.00	38.10	Horizontal
2	241.4221	-71.33	-68.57	-25.00	43.57	Horizontal
3	720.9170	-71.28	-62.27	-25.00	37.27	Horizontal
4	7473.7790	-58.14	-58.16	-25.00	33.16	Horizontal
5	16386.535	-60.47	-46.26	-25.00	21.26	Horizontal
6	17998.800	-59.68	-46.57	-25.00	21.57	Horizontal





7.2. Test Band = CA_7C_TM1 ANT 2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.1100	-70.08	-71.46	-25.00	46.46	Vertical
2	109.8835	-70.24	-63.86	-25.00	38.86	Vertical
3	851.9221	-71.91	-61.12	-25.00	36.12	Vertical
4	8761.4305	-60.04	-56.63	-25.00	31.63	Vertical
5	14486.259	-62.69	-50.29	-25.00	25.29	Vertical
6	17993.399	-60.16	-42.45	-25.00	17.45	Vertical



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7.3. Test Band = CA_7C_TM1 ANT 2
7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9872	-69.57	-62.55	-25.00	37.55	Horizontal
2	246.4178	-71.87	-69.22	-25.00	44.22	Horizontal
3	744.2952	-71.52	-61.75	-25.00	36.75	Horizontal
4	7459.9784	-58.61	-58.63	-25.00	33.63	Horizontal
5	9329.0532	-60.47	-54.81	-25.00	29.81	Horizontal
6	16384.735	-60.48	-46.30	-25.00	21.30	Horizontal





7.4. Test Band = CA_7C_TM1 ANT 2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	79.1815	-70.17	-68.27	-25.00	43.27	Vertical
2	114.3942	-71.51	-65.49	-25.00	40.49	Vertical
3	749.4365	-71.45	-61.82	-25.00	36.82	Vertical
4	7451.5781	-58.32	-58.01	-25.00	33.01	Vertical
5	14455.058	-62.25	-50.10	-25.00	25.10	Vertical
6	17981.399	-59.78	-42.37	-25.00	17.37	Vertical





7.5. Test Band = CA_7C_TM1 ANT 2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-68.95	-61.96	-25.00	36.96	Horizontal
2	245.3508	-71.27	-68.60	-25.00	43.60	Horizontal
3	799.1515	-71.30	-61.44	-25.00	36.44	Horizontal
4	3730.8292	-54.20	-62.68	-25.00	37.68	Horizontal
5	9309.8524	-60.85	-55.00	-25.00	30.00	Horizontal
6	17996.999	-60.11	-47.05	-25.00	22.05	Horizontal



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7.6. Test Band = CA_7C_TM1 ANT 2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	66.1828	-70.74	-69.31	-25.00	44.31	Vertical
2	109.3015	-71.61	-65.36	-25.00	40.36	Vertical
3	721.2566	-71.00	-62.15	-25.00	37.15	Vertical
4	7343.5737	-58.59	-58.08	-25.00	33.08	Vertical
5	14473.058	-62.39	-50.10	-25.00	25.10	Vertical
6	17991.599	-59.46	-41.79	-25.00	16.79	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz and above 18GHz 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.
- 3 The whole testing has assessed Ant2 & Ant3, But only the worst data has be reported



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	-3.34	-0.001335	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	TN	NV	3.27	0.001293	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	TN	NV	14.04	0.005527	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	TN	NV	6.83	0.002700	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	TN	NV	4.64	0.001823	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	TN	NV	5.30	0.002071	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	TN	NV	6.84	0.002731	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	TN	NV	-8.02	-0.003176	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	TN	NV	13.80	0.005431	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	TN	NV	9.94	0.003929	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	TN	NV	-8.82	-0.003466	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	TN	NV	-6.25	-0.002442	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	TN	NV	6.17	0.002465	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	TN	NV	-14.65	-0.005802	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	TN	NV	-1.83	-0.000720	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	TN	NV	-12.28	-0.004855	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	TN	NV	-9.21	-0.003617	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	TN	NV	6.11	0.002388	PASS



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	-9.49	-0.003787	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-20	11.68	0.004660	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-10	9.21	0.003677	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	0	5.09	0.002030	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	10	-5.63	-0.002249	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	20	-0.43	-0.000171	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	30	8.99	0.003587	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	40	13.26	0.005293	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	50	8.47	0.003380	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-30	-14.73	-0.005835	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-20	14.27	0.005650	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-10	-0.89	-0.000354	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	0	1.45	0.000573	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	10	-8.03	-0.003182	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	20	7.24	0.002867	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	30	-9.15	-0.003625	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	40	-14.12	-0.005591	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	50	11.27	0.004463	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-30	-1.04	-0.000410	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-20	-4.00	-0.001576	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-10	6.52	0.002568	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	0	13.62	0.005361	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	10	-8.19	-0.003223	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	20	-14.10	-0.005550	PASS



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CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	30	6.78	0.002669	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	40	7.82	0.003077	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	50	10.21	0.004021	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-30	-9.64	-0.003809	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-20	8.36	0.003303	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-10	-5.47	-0.002161	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	0	-11.60	-0.004583	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	10	12.25	0.004842	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	20	12.79	0.005054	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	30	-1.52	-0.000599	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	40	12.00	0.004742	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	50	1.50	0.000594	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-30	8.74	0.003436	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-20	10.84	0.004261	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-10	-6.93	-0.002722	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	0	3.08	0.001210	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	10	0.72	0.000285	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	20	-14.07	-0.005530	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	30	6.07	0.002384	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	40	6.57	0.002581	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	50	-4.16	-0.001633	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-30	13.06	0.005101	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-20	-3.24	-0.001264	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-10	-2.44	-0.000952	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	0	9.62	0.003756	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	10	11.37	0.004442	PASS



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CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	20	9.75	0.003810	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	30	2.37	0.000926	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	40	4.37	0.001705	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	50	-10.33	-0.004034	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-30	3.41	0.001361	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-20	11.66	0.004653	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-10	-3.93	-0.001570	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	0	-2.85	-0.001137	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	10	2.91	0.001161	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	20	-13.83	-0.005518	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	30	14.49	0.005783	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	40	11.34	0.004524	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	50	10.29	0.004105	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-30	12.27	0.004860	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-20	-9.94	-0.003936	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-10	-10.64	-0.004212	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	0	-7.99	-0.003164	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	10	-5.07	-0.002007	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	20	10.87	0.004305	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	30	10.15	0.004021	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	40	-4.83	-0.001915	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	50	-6.20	-0.002455	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-30	2.72	0.001072	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-20	11.79	0.004643	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-10	-3.70	-0.001455	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	0	13.28	0.005229	PASS



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CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	10	-11.78	-0.004639	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	20	12.88	0.005071	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	30	-10.16	-0.004001	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	40	-7.92	-0.003117	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	50	-1.18	-0.000463	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-30	-1.49	-0.000588	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-20	1.99	0.000785	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-10	0.25	0.000098	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	0	9.94	0.003929	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	10	-1.64	-0.000647	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	20	-7.49	-0.002959	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	30	13.45	0.005316	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	40	-11.75	-0.004643	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	50	8.94	0.003534	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-30	4.43	0.001741	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-20	4.85	0.001907	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-10	-14.86	-0.005841	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	0	6.86	0.002698	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	10	-8.76	-0.003443	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	20	9.91	0.003893	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	30	-11.60	-0.004557	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	40	6.39	0.002511	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	50	-2.82	-0.001107	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-30	-2.34	-0.000915	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-20	-0.70	-0.000274	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-10	12.14	0.004741	PASS



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CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	0	10.38	0.004056	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	10	-8.67	-0.003385	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	20	14.46	0.005649	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	30	6.21	0.002428	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	40	8.48	0.003312	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	50	-4.56	-0.001779	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-30	5.41	0.002157	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-20	9.98	0.003985	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-10	11.25	0.004489	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	0	11.99	0.004784	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	10	7.50	0.002993	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	20	-11.22	-0.004479	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	30	7.41	0.002958	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	40	-8.18	-0.003267	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	50	14.73	0.005878	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-30	4.41	0.001746	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-20	13.76	0.005449	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-10	-9.15	-0.003623	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	0	1.88	0.000745	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	10	4.98	0.001971	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	20	-11.95	-0.004732	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	30	14.19	0.005621	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	40	-7.38	-0.002924	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	50	0.51	0.000203	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-30	-0.31	-0.000121	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-20	-14.65	-0.005766	PASS





CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-10	-8.52	-0.003353	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	0	-12.00	-0.004725	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	10	1.75	0.000689	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	20	-4.50	-0.001771	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	30	-12.75	-0.005021	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	40	-9.49	-0.003736	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	50	6.22	0.002447	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-30	9.44	0.003730	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-20	-5.32	-0.002105	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-10	2.20	0.000870	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	0	13.89	0.005490	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	10	12.96	0.005122	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	20	-13.94	-0.005512	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	30	-11.53	-0.004557	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	40	-13.45	-0.005317	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	50	4.67	0.001846	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-30	0.60	0.000234	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-20	-9.45	-0.003714	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-10	1.10	0.000434	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	0	-13.71	-0.005386	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	10	-13.00	-0.005107	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	20	7.54	0.002963	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	30	13.19	0.005183	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	40	12.59	0.004945	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	50	-5.83	-0.002291	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-30	-12.84	-0.005016	PASS





CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-20	2.14	0.000834	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-10	7.11	0.002777	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	0	0.17	0.000067	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	10	1.16	0.000452	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	20	-14.86	-0.005803	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	30	14.86	0.005806	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	40	-8.31	-0.003245	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	50	-14.12	-0.005515	PASS

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