



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

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	22.76	23.96	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	22.98	24.18	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	22.98	24.18	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	22.91	24.11	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	22.87	24.07	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	22.92	24.12	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	22.89	24.09	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	22.54	23.74	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	22.81	24.01	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	22.50	23.7	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	22.84	24.04	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	22.59	23.79	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	22.74	23.94	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	22.94	24.14	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	22.89	24.09	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	22.80	24	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	22.62	23.82	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	22.79	23.99	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	22.51	23.71	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	22.98	24.18	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	22.63	23.83	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	22.88	24.08	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	22.53	23.73	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	22.72	23.92	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	22.63	23.83	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	22.78	23.98	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	22.55	23.75	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	23.00	24.2	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	22.69	23.89	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	22.93	24.13	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	22.66	23.86	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	22.93	24.13	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	22.58	23.78	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	21.92	23.12	33.00	PASS





CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	21.74	22.94	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	21.87	23.07	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	21.84	23.04	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	22.00	23.2	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	21.89	23.09	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	21.95	23.15	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	21.53	22.73	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	21.96	23.16	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	21.42	22.62	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	21.78	22.98	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	21.56	22.76	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	21.78	22.98	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	21.82	23.02	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	21.78	22.98	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	21.76	22.96	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	21.69	22.89	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	22.00	23.2	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	21.41	22.61	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	21.73	22.93	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	21.58	22.78	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	21.84	23.04	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	21.59	22.79	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	21.86	23.06	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	21.64	22.84	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	21.68	22.88	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	21.47	22.67	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	21.98	23.18	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	21.52	22.72	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	21.74	22.94	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	21.61	22.81	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	21.74	22.94	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	21.40	22.6	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	64QAM	20.87	22.07	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	64QAM	20.71	21.91	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	64QAM	20.82	22.02	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	64QAM	20.80	22	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	64QAM	20.86	22.06	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	64QAM	20.71	21.91	33.00	PASS





CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	64QAM	20.76	21.96	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	64QAM	20.43	21.63	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	64QAM	20.80	22	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	64QAM	20.45	21.65	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	64QAM	20.95	22.15	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	64QAM	20.43	21.63	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	64QAM	20.70	21.9	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	64QAM	20.88	22.08	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	64QAM	20.99	22.19	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	64QAM	20.84	22.04	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	64QAM	20.38	21.58	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	64QAM	20.99	22.19	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	64QAM	20.55	21.75	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	64QAM	20.82	22.02	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	64QAM	20.61	21.81	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	64QAM	20.67	21.87	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	64QAM	20.63	21.83	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	64QAM	20.79	21.99	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	64QAM	20.57	21.77	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	64QAM	20.83	22.03	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	64QAM	20.43	21.63	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	64QAM	20.90	22.1	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	64QAM	20.69	21.89	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	64QAM	20.94	22.14	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	64QAM	20.48	21.68	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	64QAM	20.93	22.13	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	64QAM	20.37	21.57	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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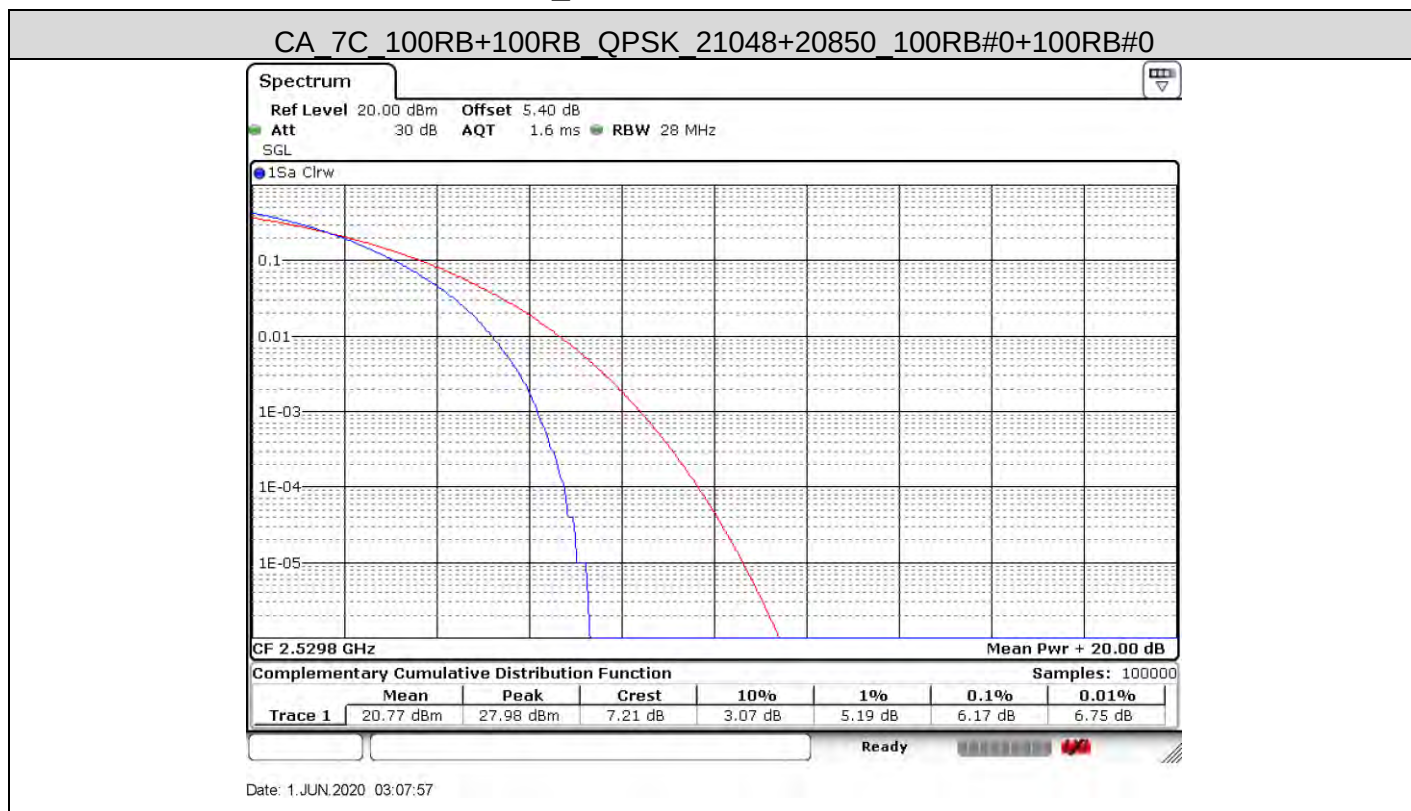
2. Peak-to-Average Ratio

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	6.17	13.00	PASS
CA_7C	QPSK	100RB+100RB	21199+21001	100RB#0	100RB#0	5.57	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	5.83	13.00	PASS
CA_7C	16QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	5.68	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	5.94	13.00	PASS
CA_7C	64QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	6.17	13.00	PASS
CA_7C	64QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	5.62	13.00	PASS

2.1. For LTE

1.1.1 Test Band = LTE Band CA_7C



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



Date: 1.JUN.2020 03:22:02

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



Date: 1.JUN.2020 03:30:40



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



Date: 1.JUN.2020 03:09:04

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



Date: 1.JUN.2020 03:22:58



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



Date: 1.JUN.2020 03:30:27

CA 7C 100RB+100RB 64QAM 21048+20850 100RB#0+100RB#0



Date: 1.JUN.2020 03:09:18



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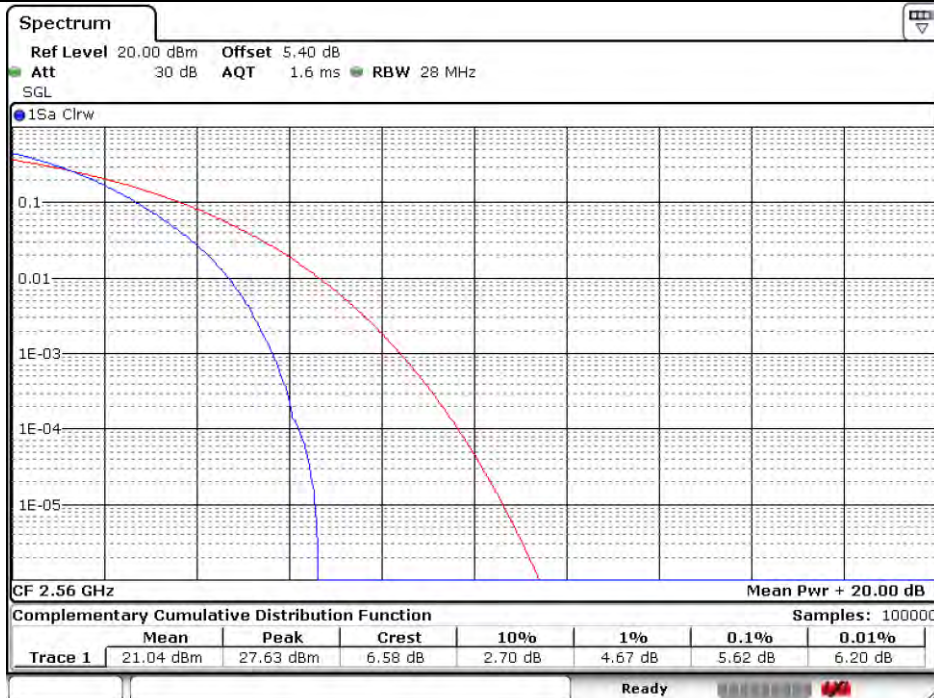


CA 7C 100RB+100RB 64QAM 21199+21001 100RB#0+100RB#0



Date: 1.JUN.2020 03:23:10

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



Date: 1.JUN.2020 03:29:53



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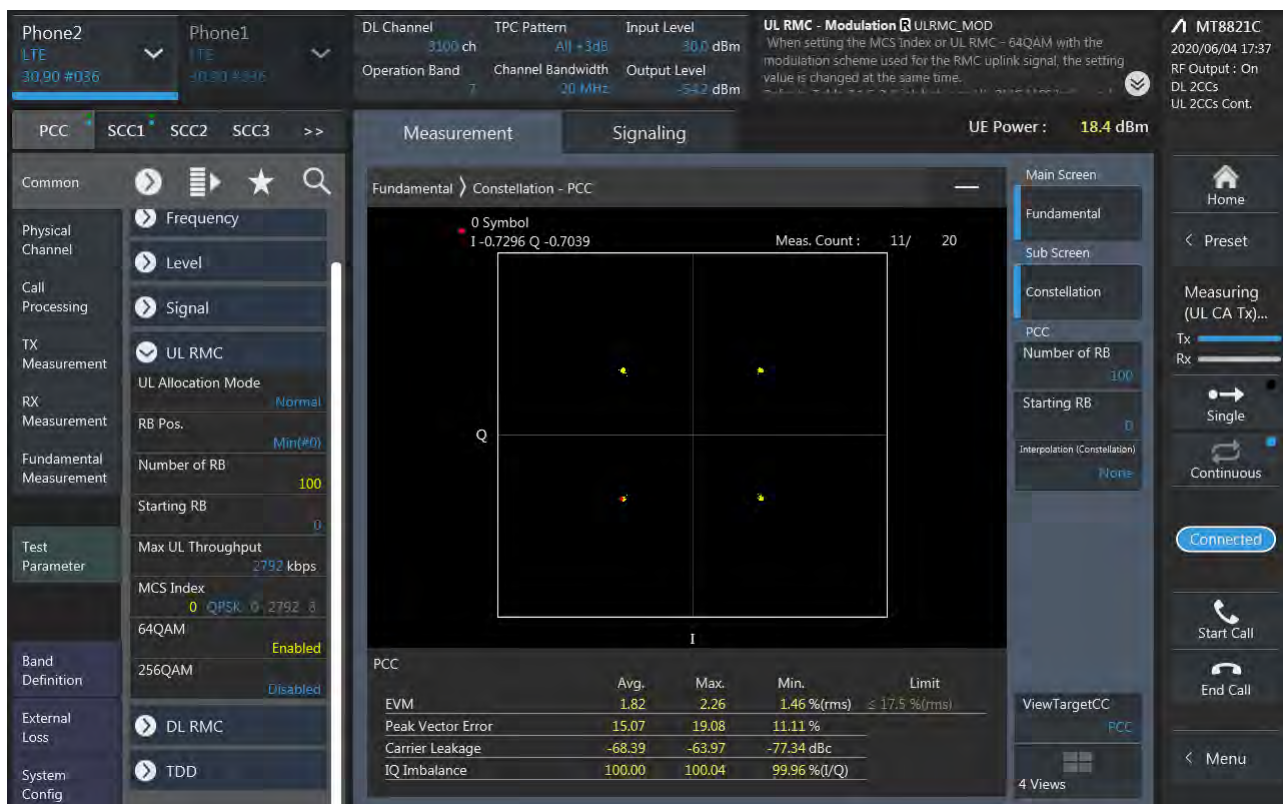
3. Modulation Characteristics

3.1. For LTE

1.1.2 Test Band = LTE Band CA_7C

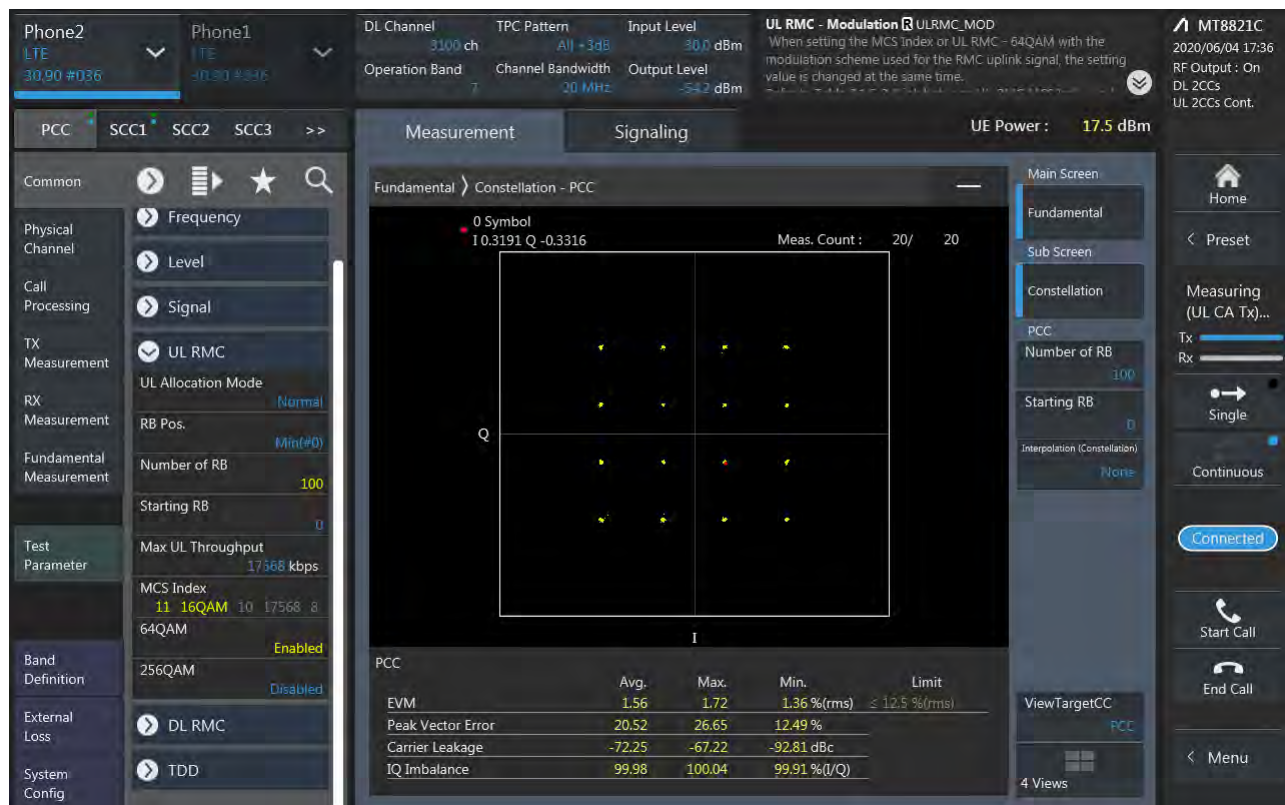
1.1.2.1 Test Mode = LTE /QPSK 100RB+100RB

1.1.2.1.1 Test Channel = 20850+20994





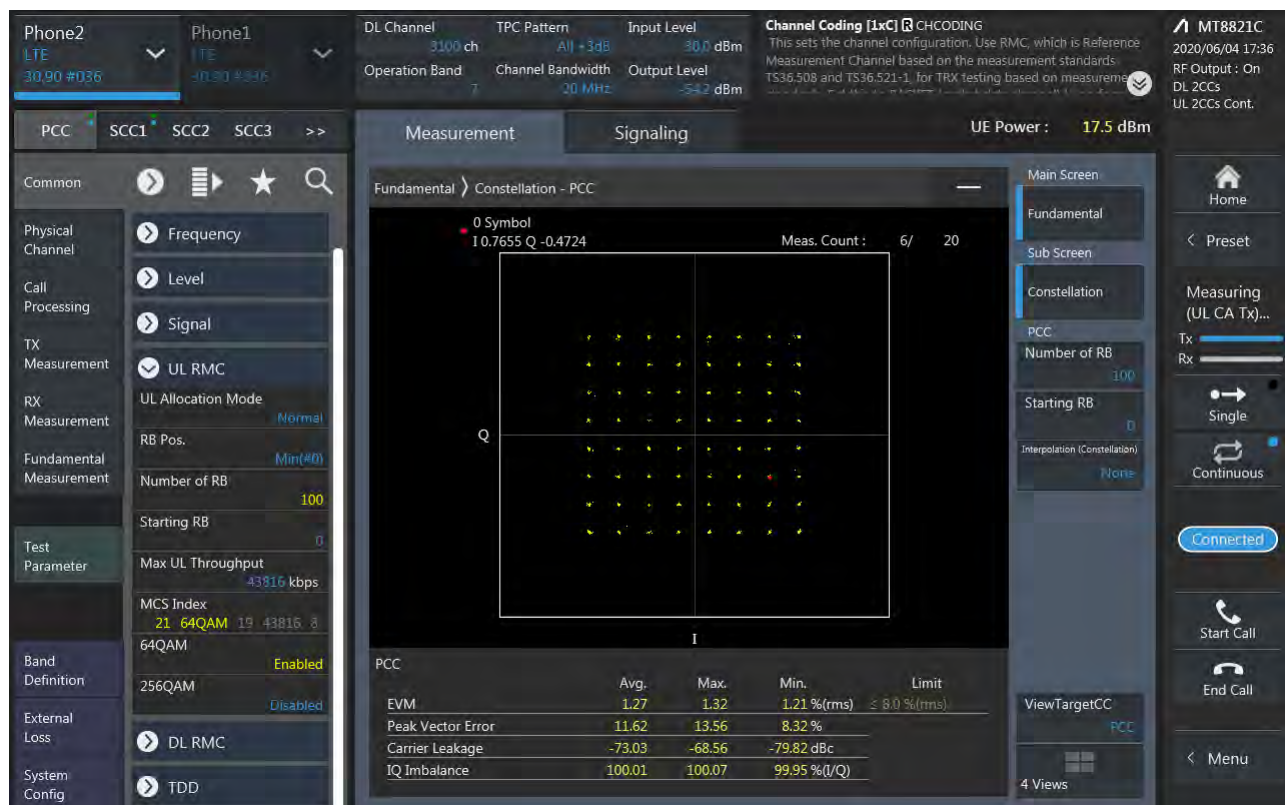
1.1.2.2 Test Mode = LTE /16QAM 100RB+100RB
1.1.2.2.1 Test Channel =20850+20994





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

1.1.2.3.1 Test Channel = 20850+20994



4. 26dB Bandwidth and Occupied Bandwidth

Test Band	Test Mode PCC/SCC	Modulation PCC&SCC	Test Channel PCC/SCC	RB Config	OBW [MHz]	EBW [MHz]	Verdict
CA_7C	50RB+100RB	QPSK	20805+20949	50RB#0+100RB#0	27.62	28.55	PASS
CA_7C	50RB+100RB	16QAM	20805+20949	50RB#0+100RB#0	27.62	28.57	PASS
CA_7C	50RB+100RB	64QAM	20805+20949	50RB#0+100RB#0	27.67	28.58	PASS
CA_7C	50RB+100RB	QPSK	21006+21150	50RB#0+100RB#0	27.49	28.57	PASS
CA_7C	50RB+100RB	16QAM	21006+21150	50RB#0+100RB#0	27.5	28.54	PASS
CA_7C	50RB+100RB	64QAM	21006+21150	50RB#0+100RB#0	27.49	28.60	PASS
CA_7C	50RB+100RB	QPSK	21206+21350	50RB#0+100RB#0	27.55	28.60	PASS
CA_7C	50RB+100RB	16QAM	21206+21350	50RB#0+100RB#0	27.56	28.57	PASS
CA_7C	50RB+100RB	64QAM	21206+21350	50RB#0+100RB#0	27.58	28.61	PASS
CA_7C	75RB+50RB	QPSK	20825+20945	75RB#0+50RB#0	23.18	24.42	PASS
CA_7C	75RB+50RB	16QAM	20825+20945	75RB#0+50RB#0	23.14	24.41	PASS
CA_7C	75RB+50RB	64QAM	20825+20945	75RB#0+50RB#0	23.13	24.38	PASS
CA_7C	75RB+50RB	QPSK	21051+21171	75RB#0+50RB#0	23.09	24.35	PASS
CA_7C	75RB+50RB	16QAM	21051+21171	75RB#0+50RB#0	23.07	24.38	PASS
CA_7C	75RB+50RB	64QAM	21051+21171	75RB#0+50RB#0	23.07	24.37	PASS
CA_7C	75RB+50RB	QPSK	21277+21397	75RB#0+50RB#0	23.15	24.39	PASS
CA_7C	75RB+50RB	16QAM	21277+21397	75RB#0+50RB#0	23.15	24.43	PASS
CA_7C	75RB+50RB	64QAM	21277+21397	75RB#0+50RB#0	23.14	24.46	PASS
CA_7C	75RB+75RB	QPSK	20825+20975	75RB#0+75RB#0	28.25	29.23	PASS
CA_7C	75RB+75RB	16QAM	20825+20975	75RB#0+75RB#0	28.25	29.23	PASS
CA_7C	75RB+75RB	64QAM	20825+20975	75RB#0+75RB#0	28.24	29.21	PASS
CA_7C	75RB+75RB	QPSK	21025+21175	75RB#0+75RB#0	28.16	29.20	PASS
CA_7C	75RB+75RB	16QAM	21025+21175	75RB#0+75RB#0	28.18	29.18	PASS
CA_7C	75RB+75RB	64QAM	21025+21175	75RB#0+75RB#0	28.16	29.18	PASS
CA_7C	75RB+75RB	QPSK	21225+21375	75RB#0+75RB#0	28.25	29.27	PASS
CA_7C	75RB+75RB	16QAM	21225+21375	75RB#0+75RB#0	28.25	29.24	PASS
CA_7C	75RB+75RB	64QAM	21225+21375	75RB#0+75RB#0	28.24	29.23	PASS
CA_7C	75RB+100RB	QPSK	20828+20999	75RB#0+100RB#0	32.61	33.97	PASS
CA_7C	75RB+100RB	16QAM	20828+20999	75RB#0+100RB#0	32.61	33.97	PASS
CA_7C	75RB+100RB	64QAM	20828+20999	75RB#0+100RB#0	32.59	33.93	PASS
CA_7C	75RB+100RB	QPSK	21003+21174	75RB#0+100RB#0	32.11	33.77	PASS
CA_7C	75RB+100RB	16QAM	21003+21174	75RB#0+100RB#0	32.17	33.81	PASS
CA_7C	75RB+100RB	64QAM	21003+21174	75RB#0+100RB#0	32.55	33.79	PASS
CA_7C	75RB+100RB	QPSK	21179+21350	75RB#0+100RB#0	32.49	33.95	PASS



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CA_7C	75RB+100RB	16QAM	21179+21350	75RB#0+100RB#0	32.53	33.97	PASS
CA_7C	75RB+100RB	64QAM	21179+21350	75RB#0+100RB#0	32.51	33.97	PASS
CA_7C	100RB+50RB	QPSK	20850+20994	100RB#0+50RB#0	27.76	29.15	PASS
CA_7C	100RB+50RB	16QAM	20850+20994	100RB#0+50RB#0	27.73	29.12	PASS
CA_7C	100RB+50RB	64QAM	20850+20994	100RB#0+50RB#0	27.73	29.12	PASS
CA_7C	100RB+50RB	QPSK	21051+21195	100RB#0+50RB#0	27.7	29.11	PASS
CA_7C	100RB+50RB	16QAM	21051+21195	100RB#0+50RB#0	27.53	29.03	PASS
CA_7C	100RB+50RB	64QAM	21051+21195	100RB#0+50RB#0	27.71	29.06	PASS
CA_7C	100RB+50RB	QPSK	21251+21395	100RB#0+50RB#0	27.82	29.12	PASS
CA_7C	100RB+50RB	16QAM	21251+21395	100RB#0+50RB#0	27.79	29.12	PASS
CA_7C	100RB+50RB	64QAM	21251+21395	100RB#0+50RB#0	27.82	29.06	PASS
CA_7C	100RB+75RB	QPSK	20850+21021	100RB#0+75RB#0	32.63	34.01	PASS
CA_7C	100RB+75RB	16QAM	20850+21021	100RB#0+75RB#0	32.65	34.03	PASS
CA_7C	100RB+75RB	64QAM	20850+21021	100RB#0+75RB#0	32.61	33.99	PASS
CA_7C	100RB+75RB	QPSK	21026+21197	100RB#0+75RB#0	32.59	33.99	PASS
CA_7C	100RB+75RB	16QAM	21026+21197	100RB#0+75RB#0	32.61	34.03	PASS
CA_7C	100RB+75RB	64QAM	21026+21197	100RB#0+75RB#0	32.59	33.97	PASS
CA_7C	100RB+75RB	QPSK	21201+21372	100RB#0+75RB#0	32.59	34.03	PASS
CA_7C	100RB+75RB	16QAM	21201+21372	100RB#0+75RB#0	32.63	34.01	PASS
CA_7C	100RB+75RB	64QAM	21201+21372	100RB#0+75RB#0	32.59	33.99	PASS
CA_7C	100RB+100RB	QPSK	20850+21048	100RB#0+100RB#0	37.45	38.95	PASS
CA_7C	100RB+100RB	16QAM	20850+21048	100RB#0+100RB#0	37.47	38.91	PASS
CA_7C	100RB+100RB	64QAM	20850+21048	100RB#0+100RB#0	37.43	38.91	PASS
CA_7C	100RB+100RB	QPSK	21001+21199	100RB#0+100RB#0	37.35	38.83	PASS
CA_7C	100RB+100RB	16QAM	21001+21199	100RB#0+100RB#0	36.99	38.87	PASS
CA_7C	100RB+100RB	64QAM	21001+21199	100RB#0+100RB#0	37.19	38.79	PASS
CA_7C	100RB+100RB	QPSK	21152+21350	100RB#0+100RB#0	37.49	38.87	PASS
CA_7C	100RB+100RB	16QAM	21152+21350	100RB#0+100RB#0	37.47	38.85	PASS
CA_7C	100RB+100RB	64QAM	21152+21350	100RB#0+100RB#0	37.47	38.87	PASS



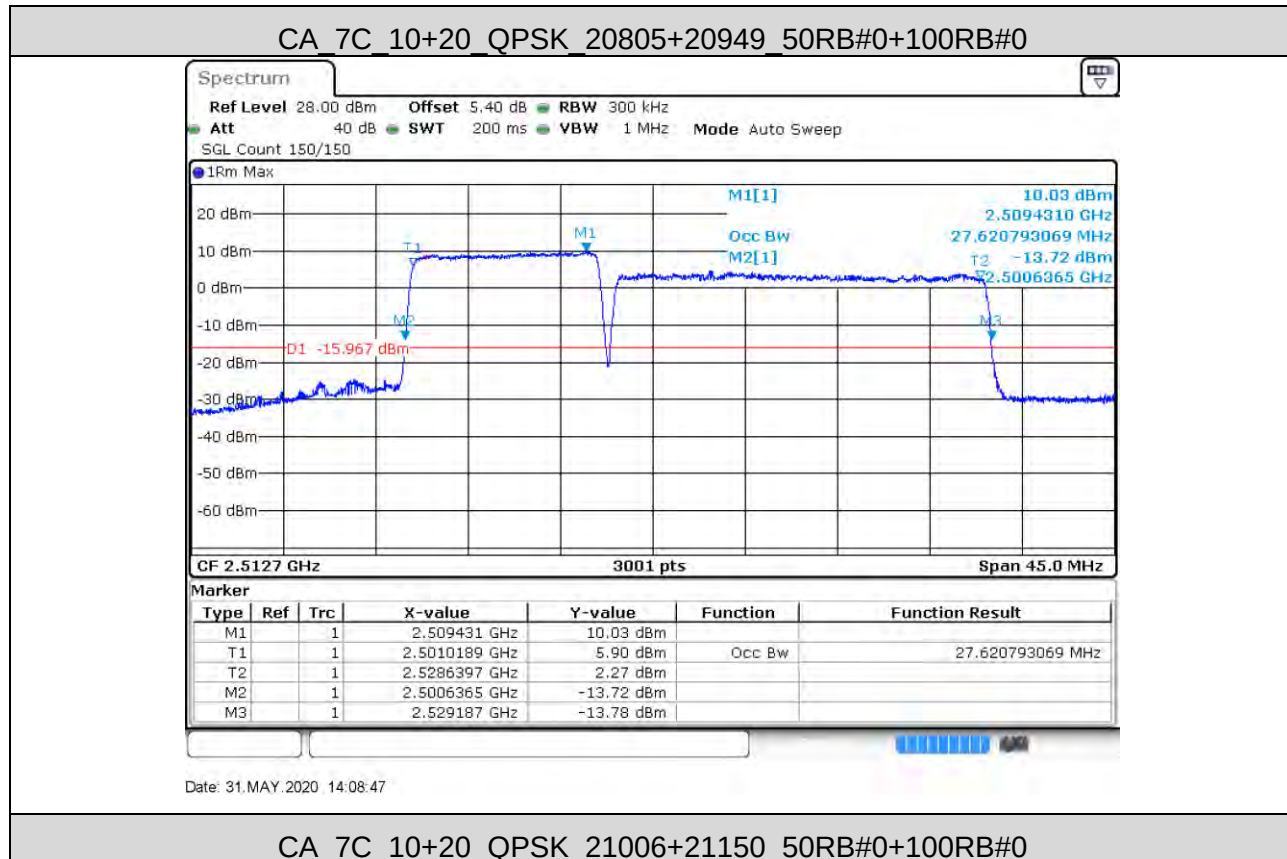
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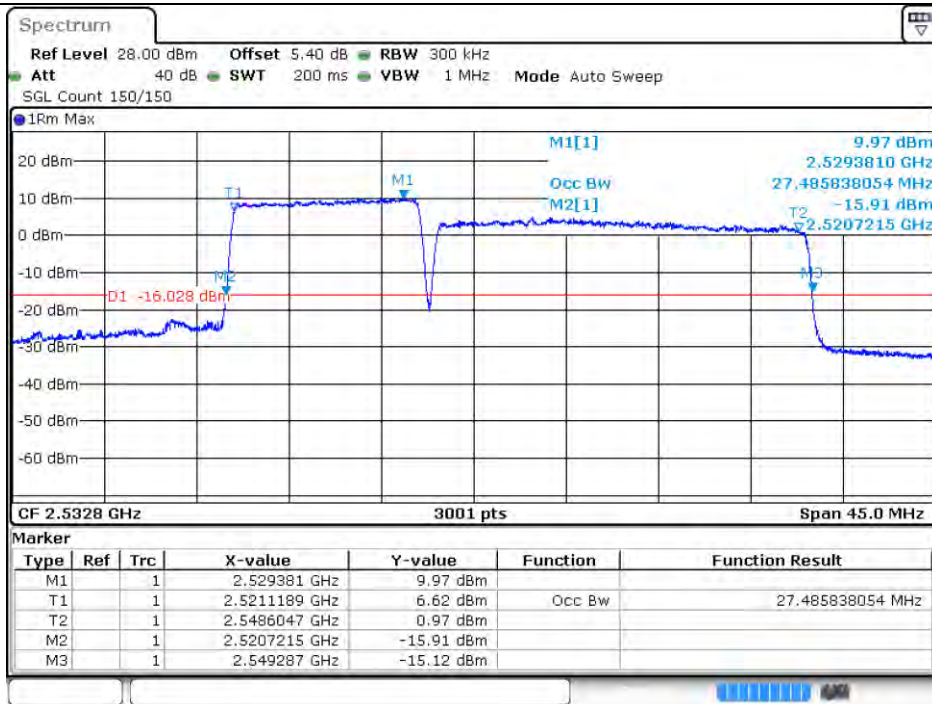
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4.1. For LTE

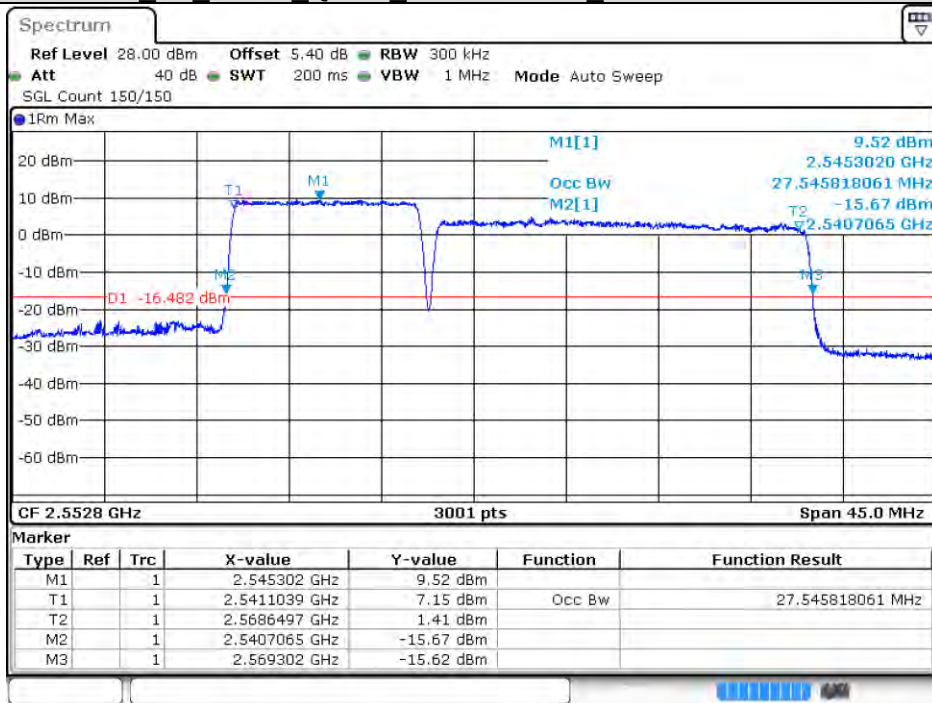
1.1.3 Test Band = LTE Band CA_7C





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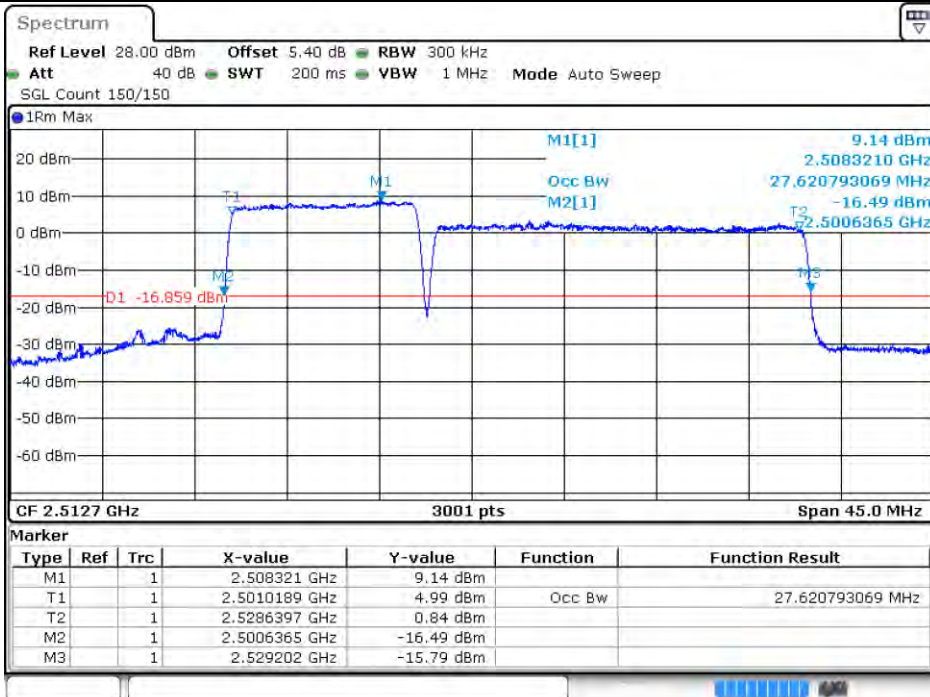
CA 7C 10+20 QPSK 21206+21350 50RB#0+100RB#0



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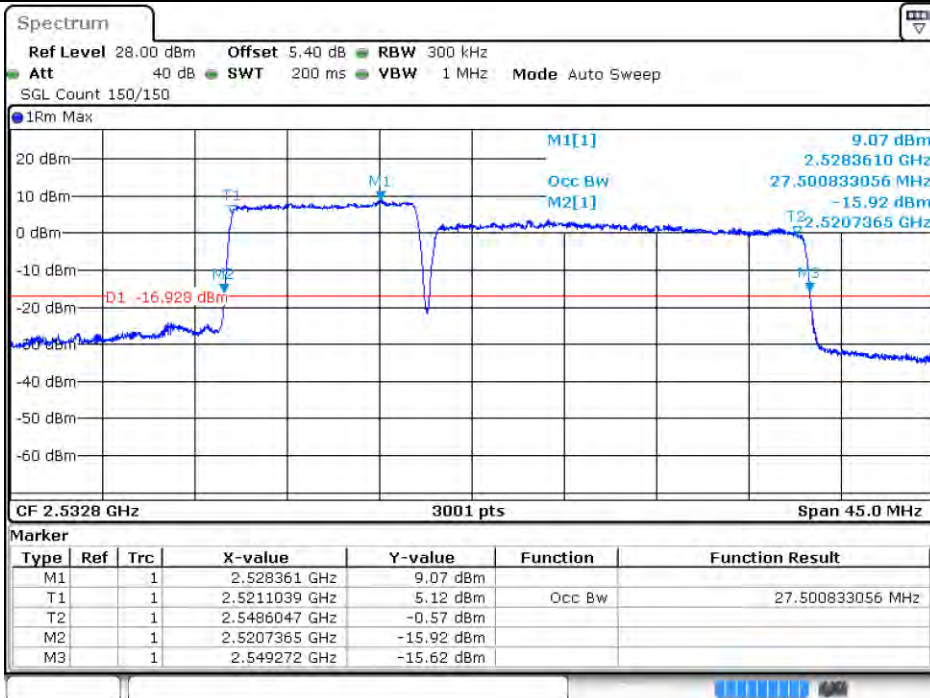


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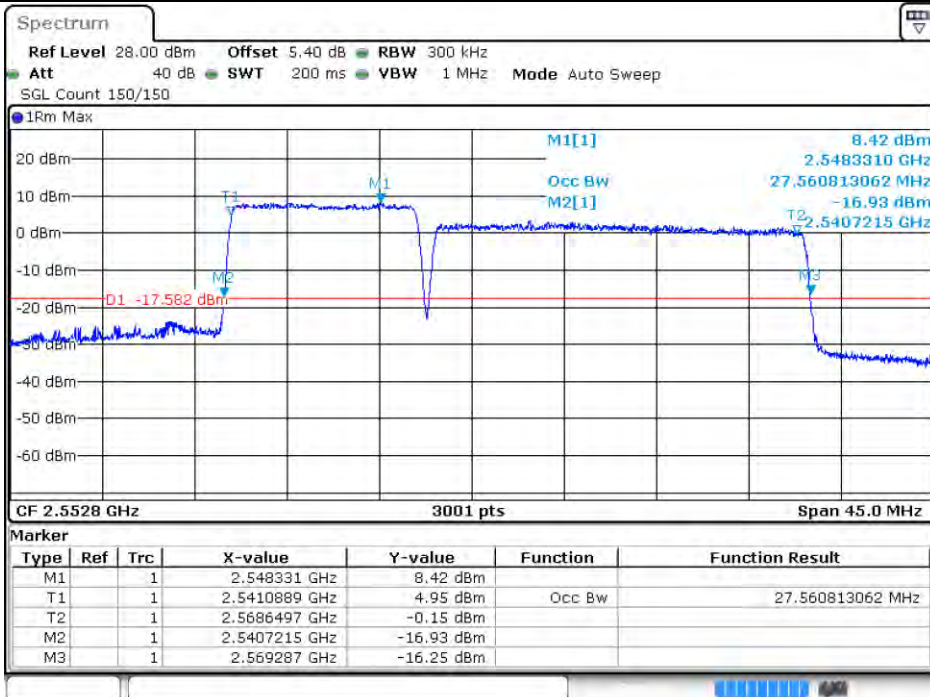
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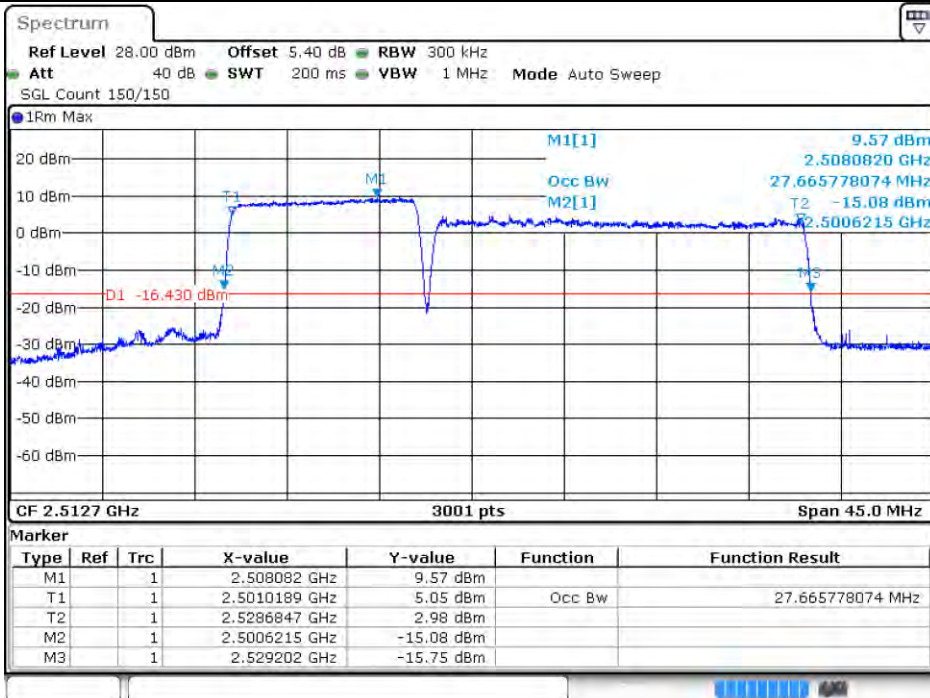


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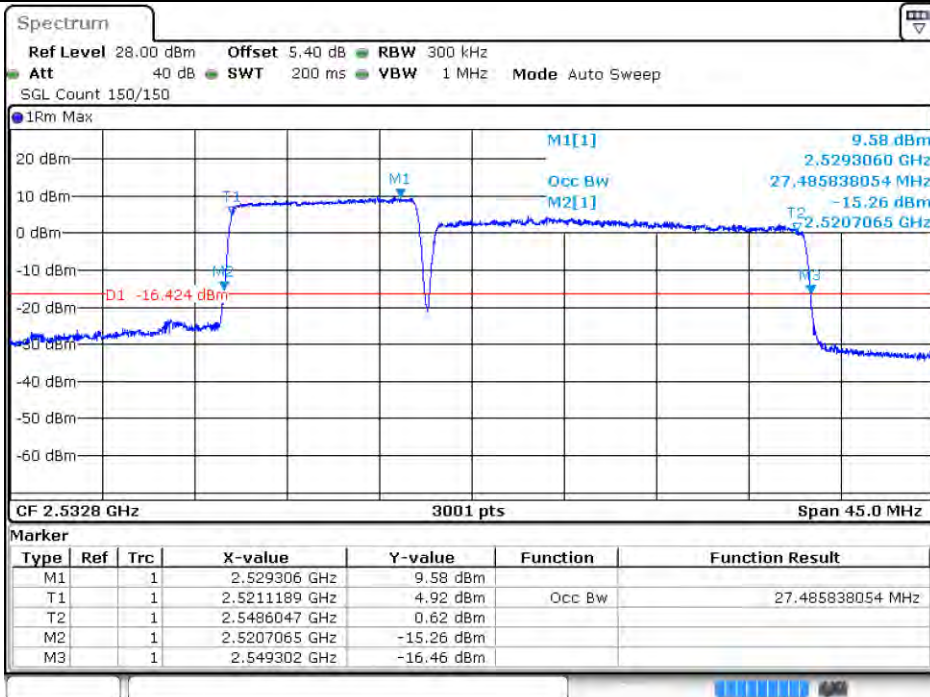
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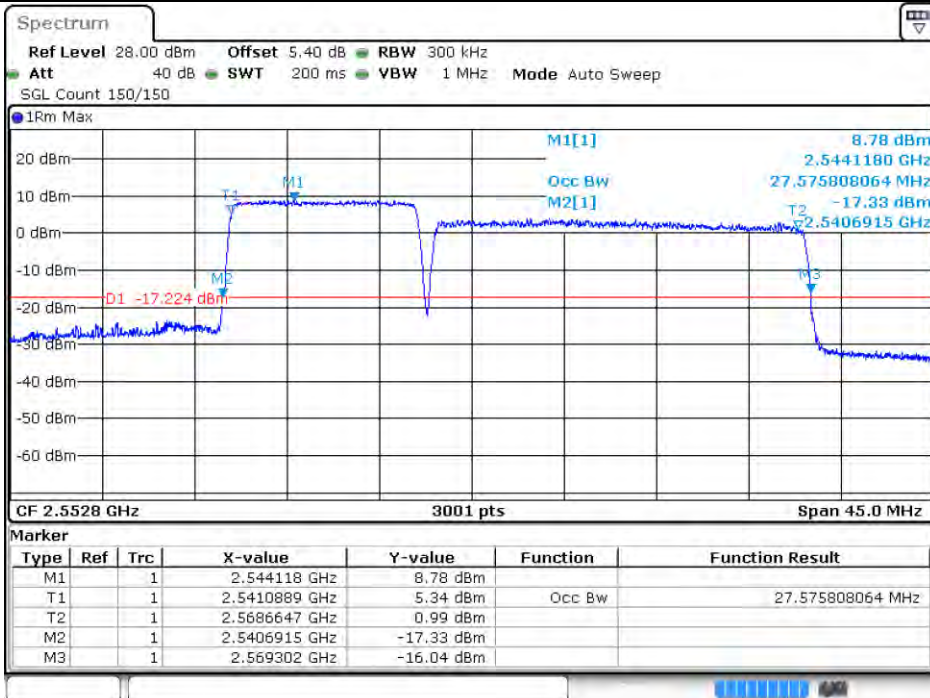


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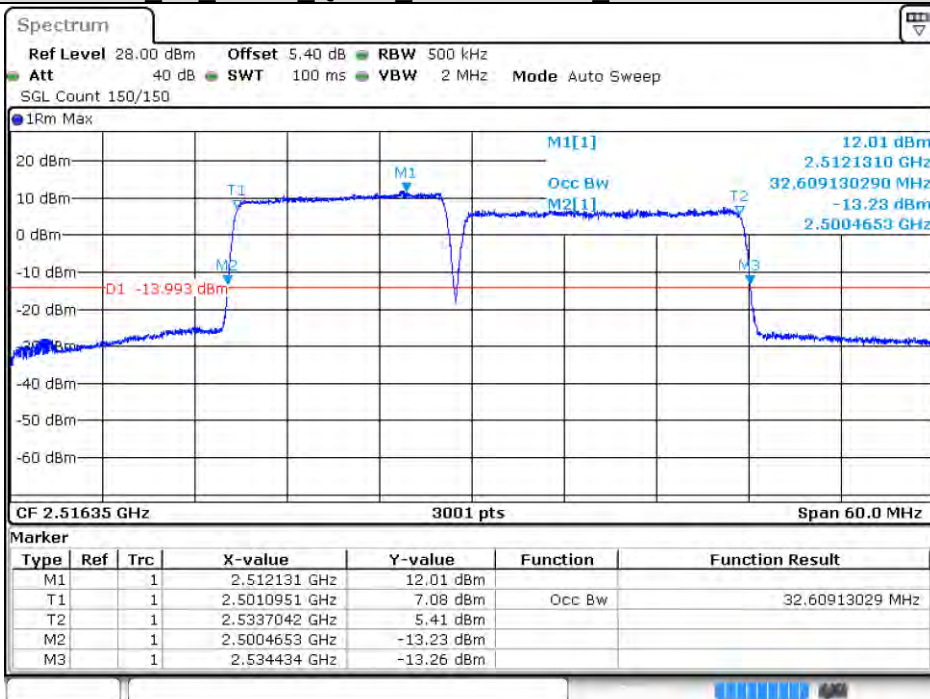
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CA 7C 15+10 QPSK 20825+20945 75RB#0+50RB#0



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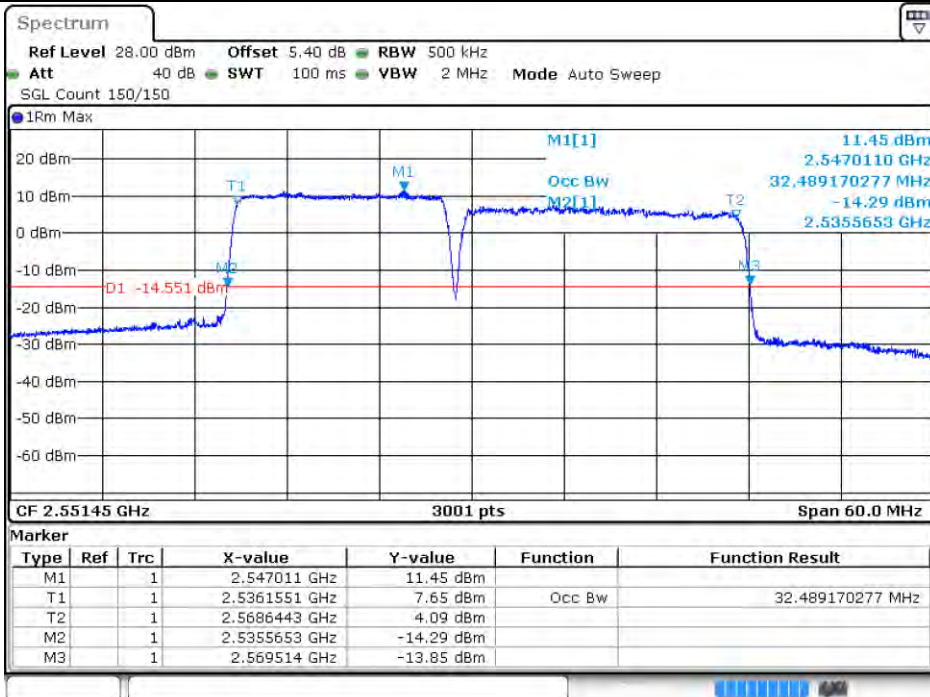
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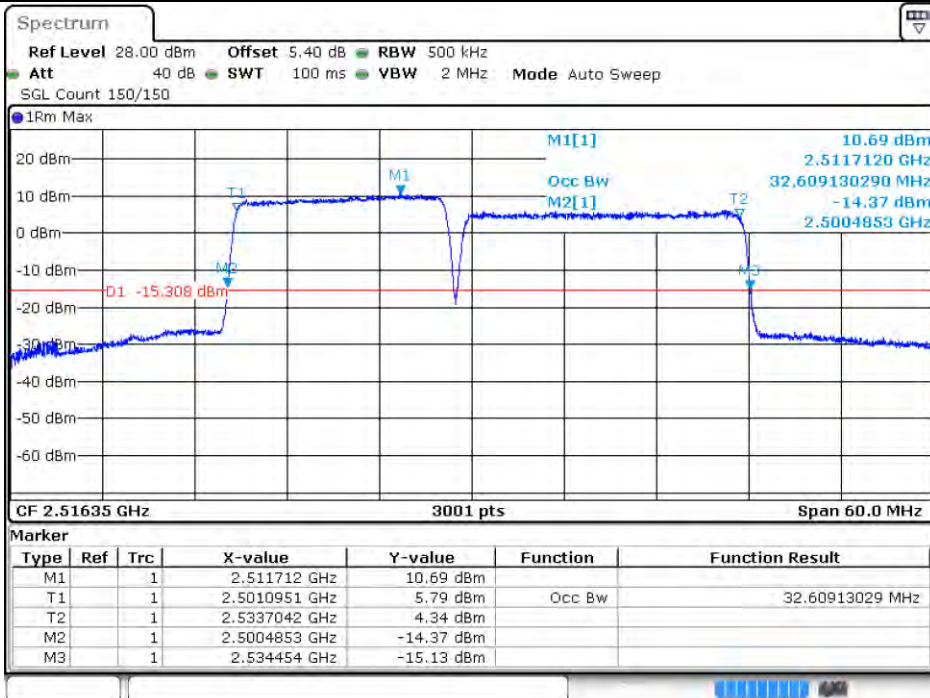


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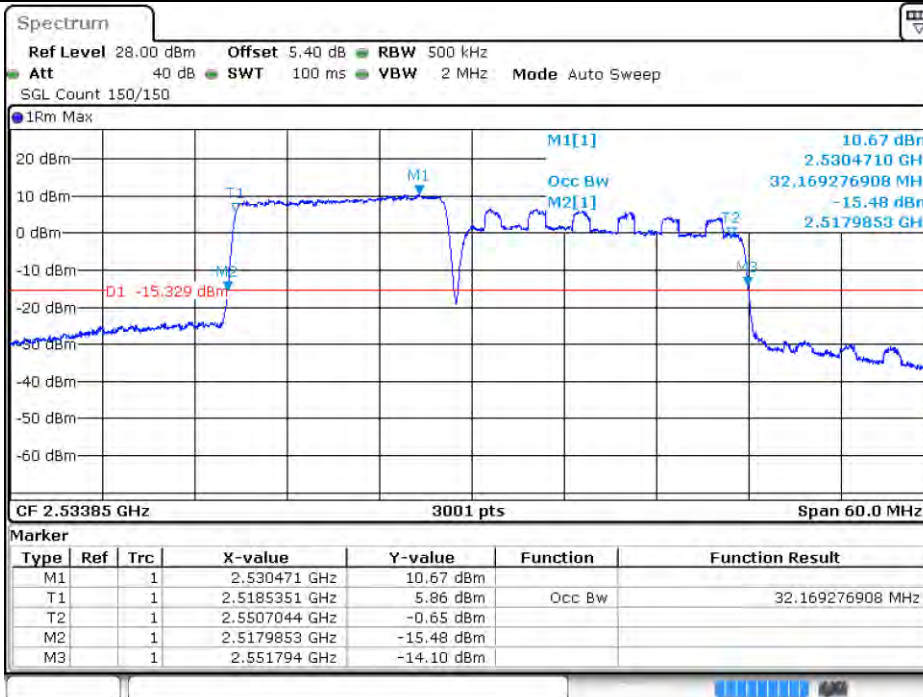
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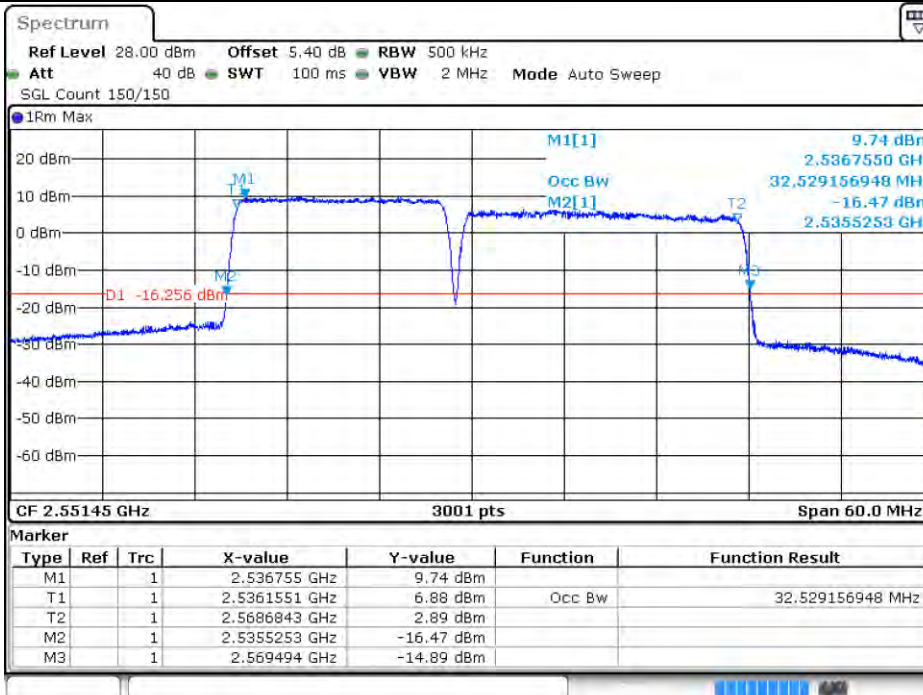


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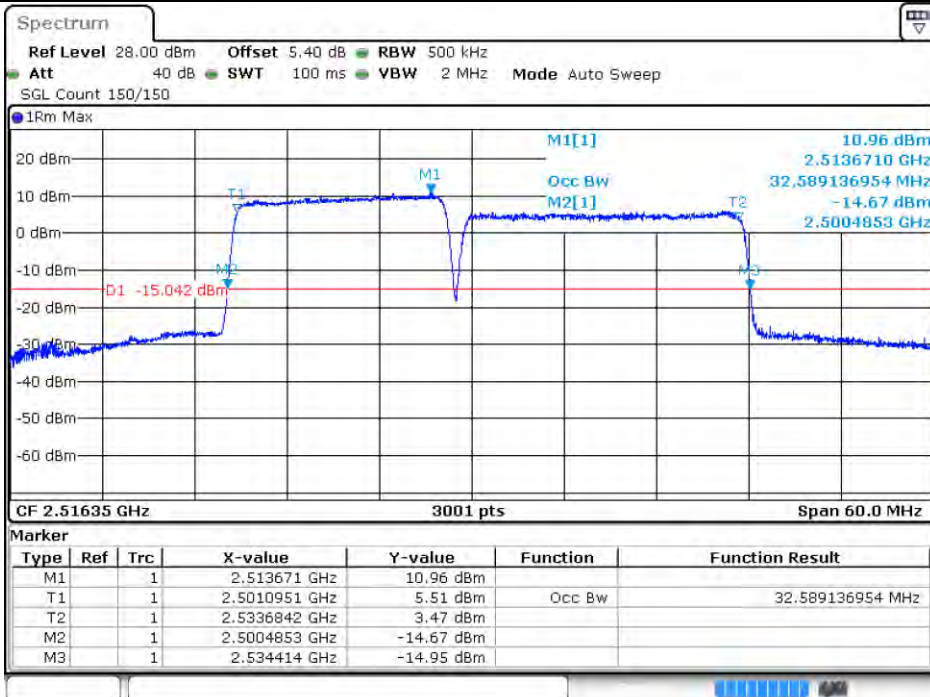
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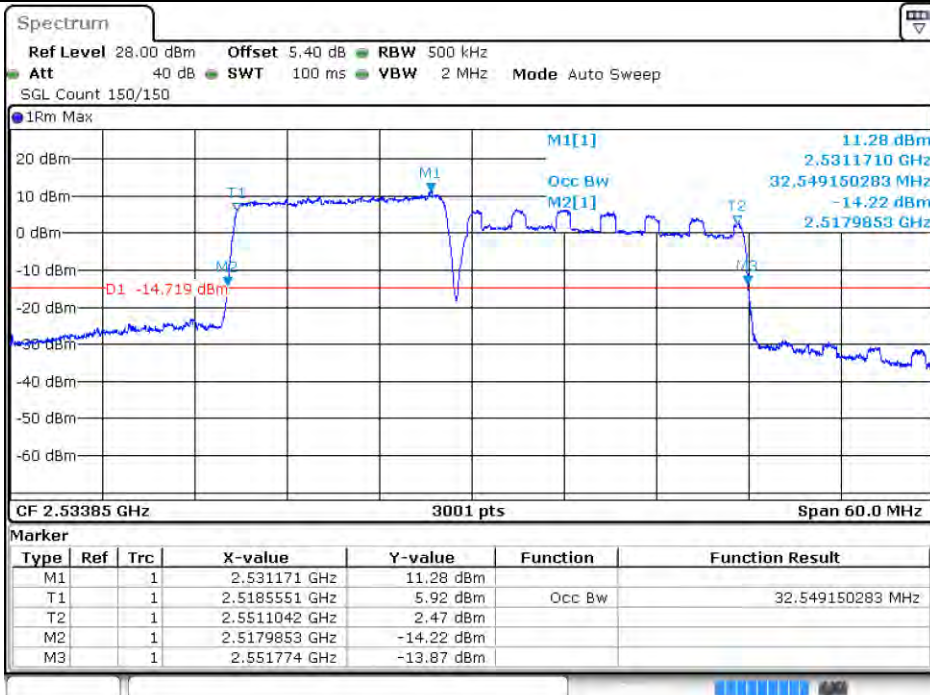


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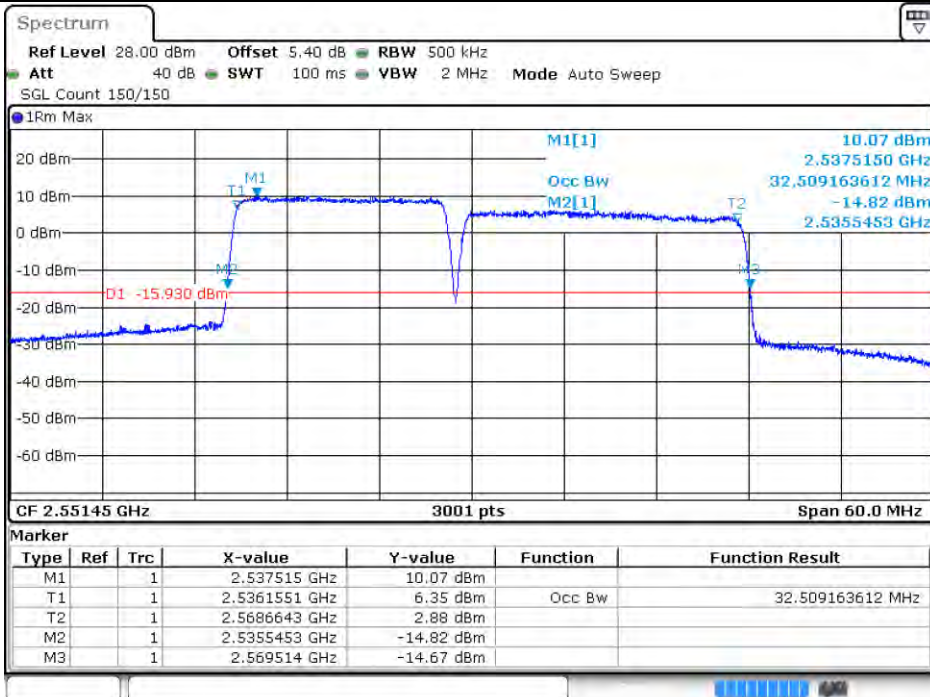
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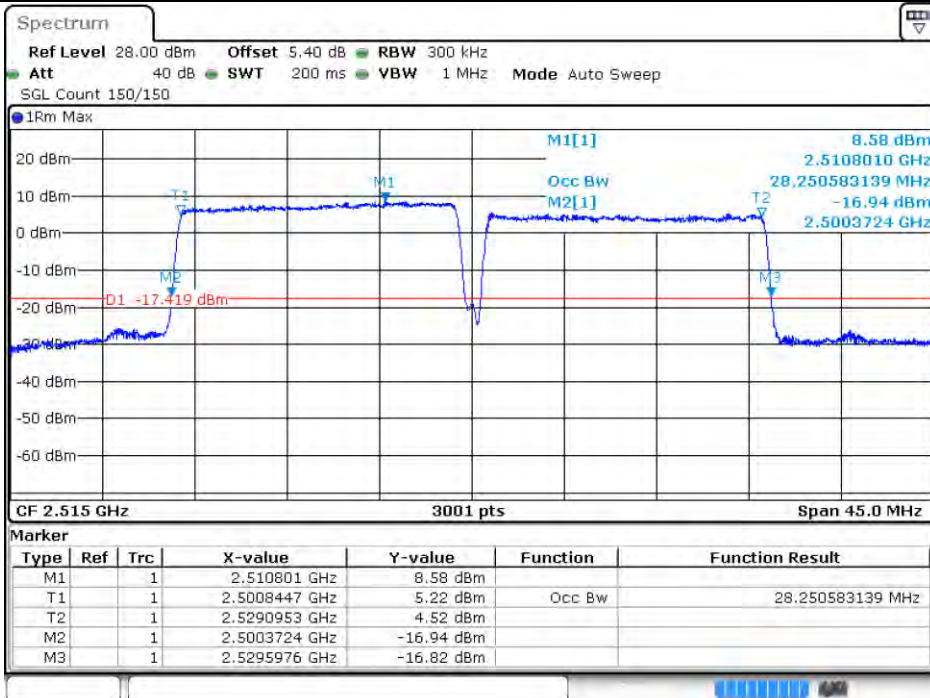


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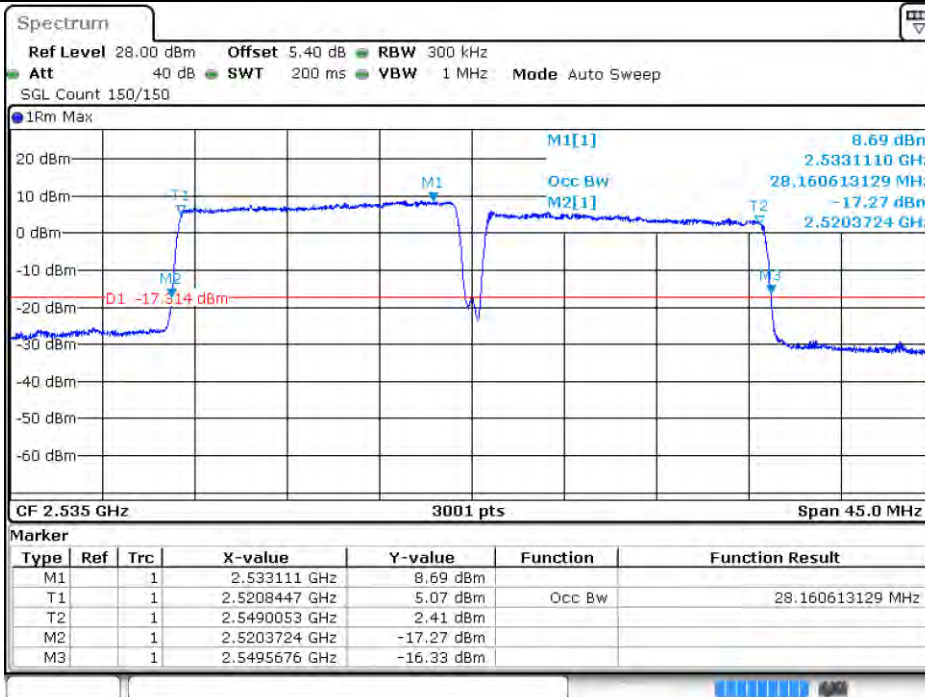
CA 7C 15+15 QPSK 20825+20975 75RB#0+75RB#0



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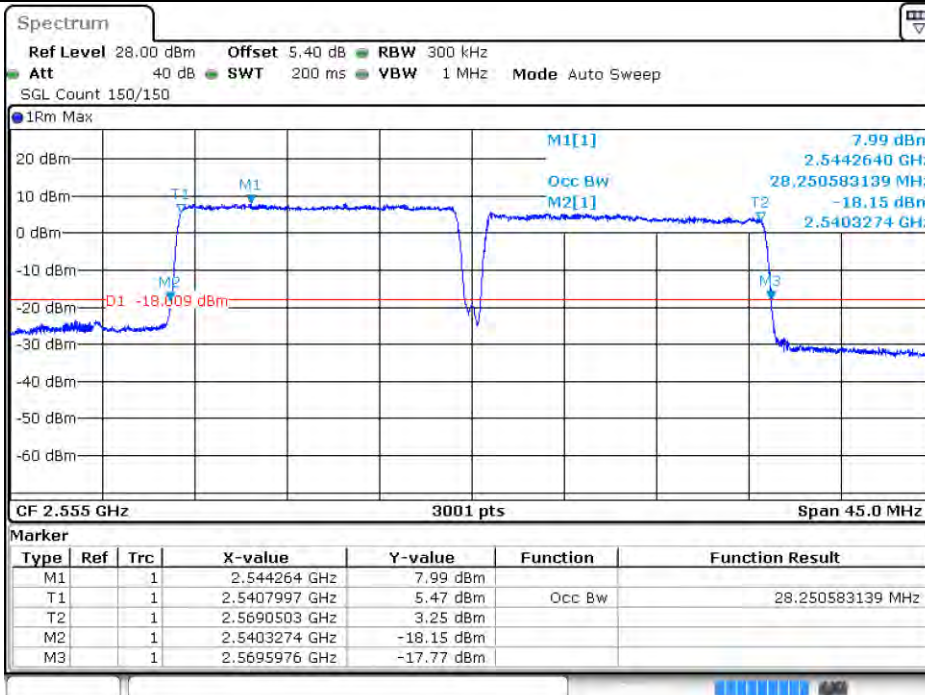


CA 7C 15+15 QPSK 21025+21175 75RB#0+75RB#0



Date: 31.MAY.2020 14:35:55

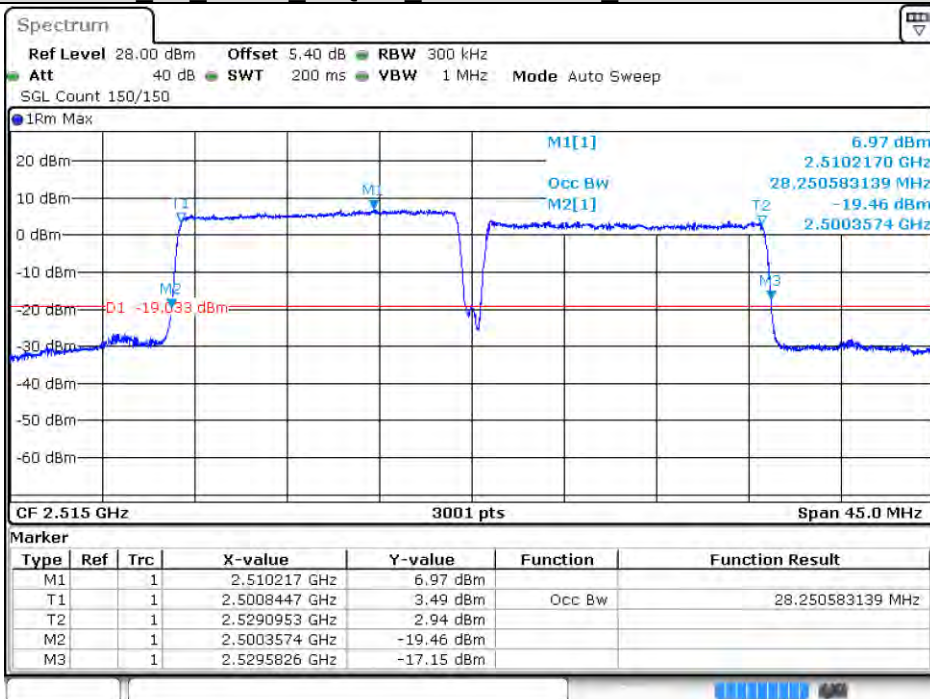
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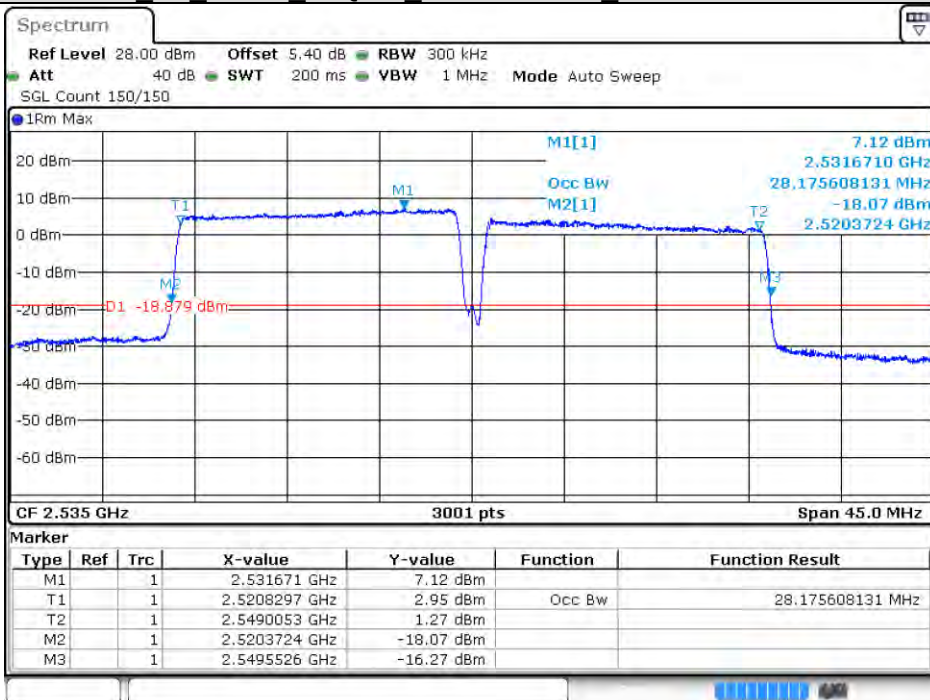


CA 7C 15+15 16QAM 20825+20975 75RB#0+75RB#0



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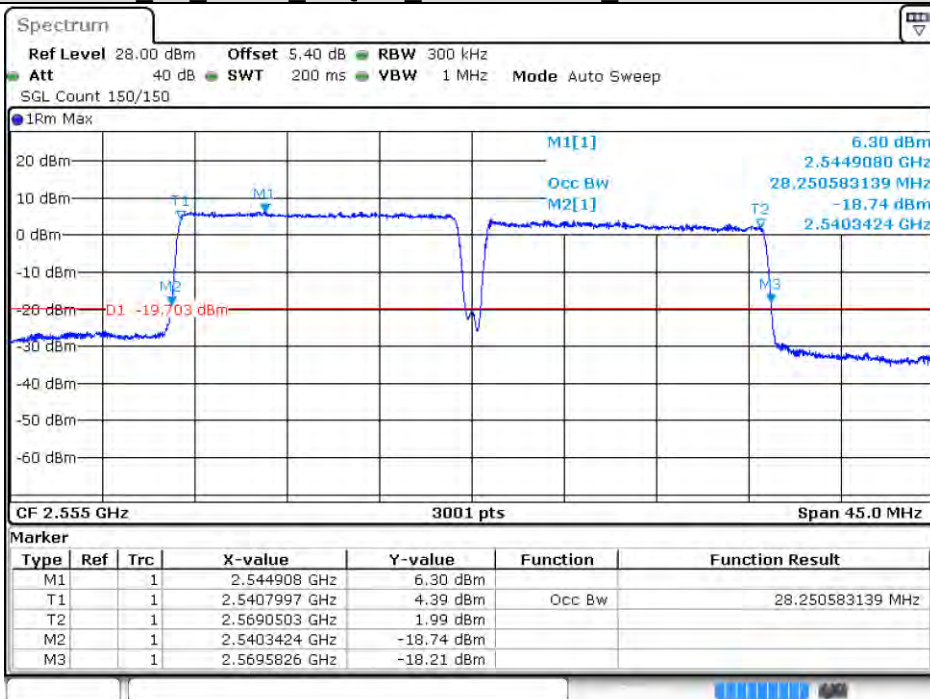
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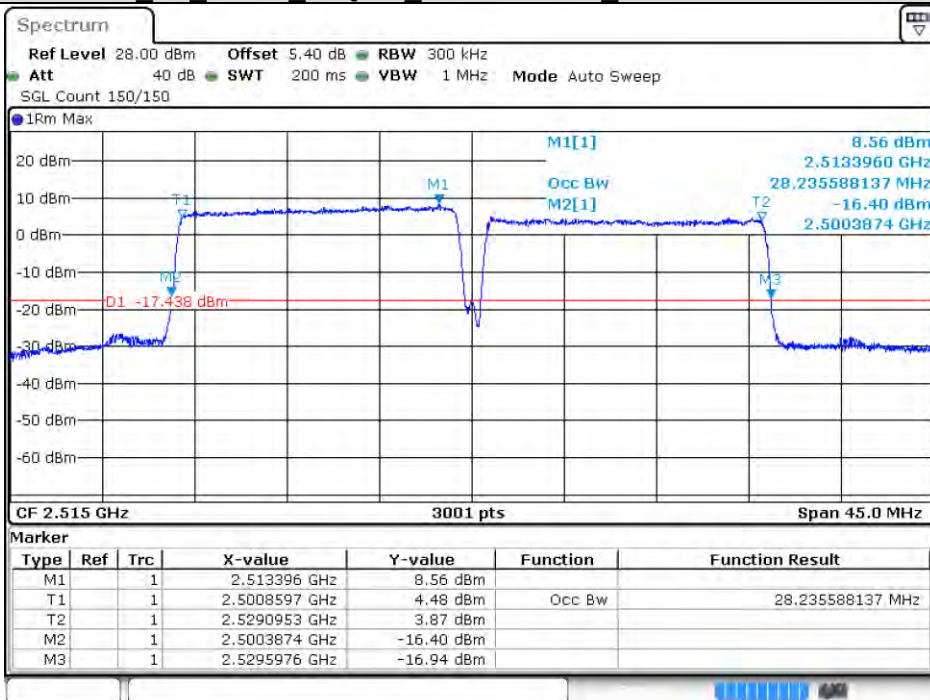


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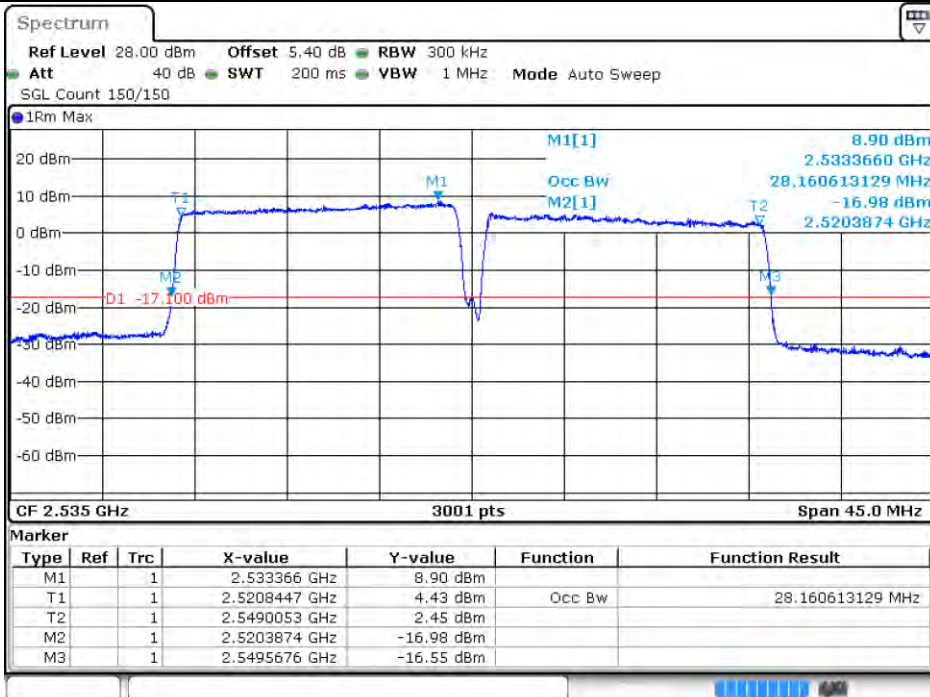
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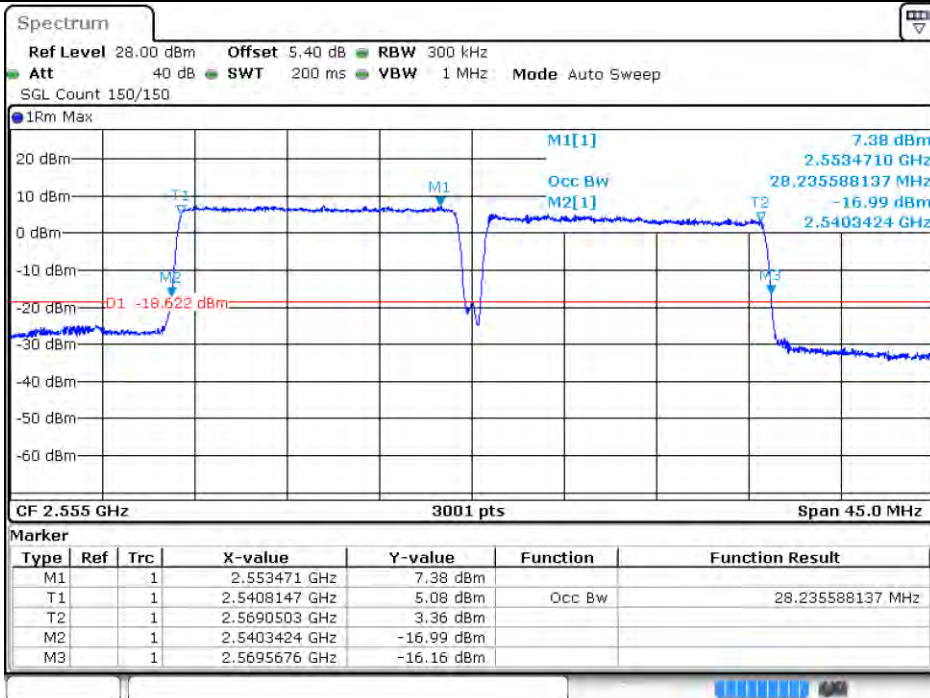


CA 7C 15+15 64QAM 21025+21175 75RB#0+75RB#0



Date: 31.MAY.2020 14:37:10

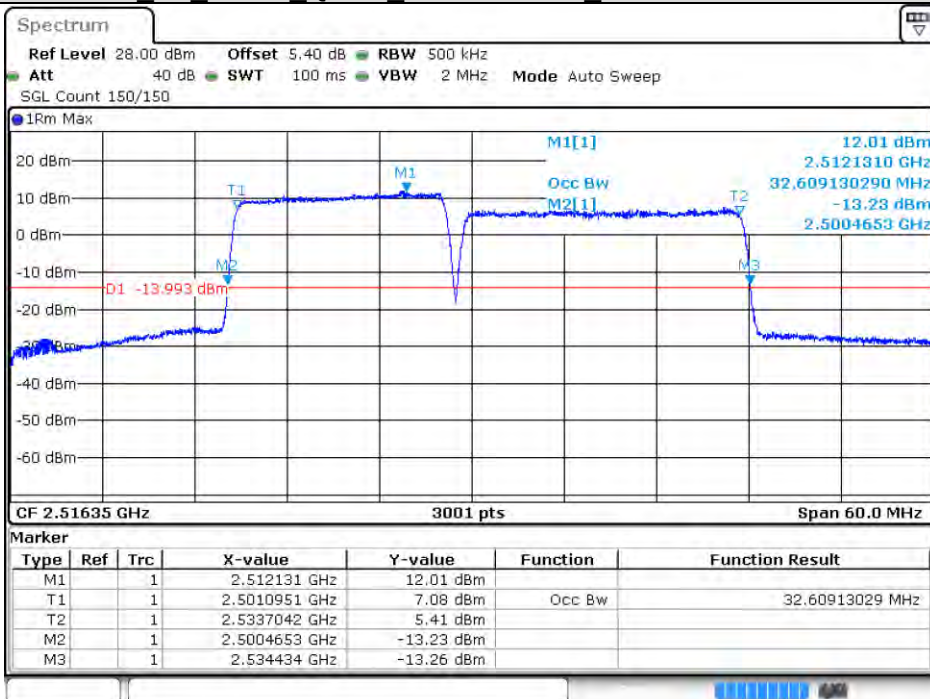
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Date: 31.MAY.2020 14:40:10



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



Date: 31.MAY.2020 14:41:49

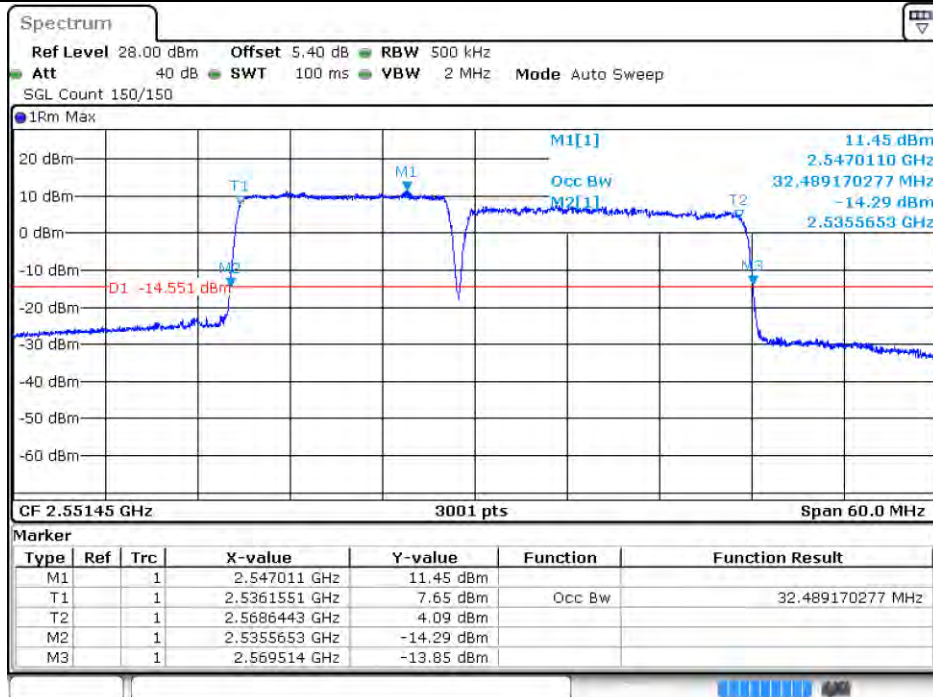
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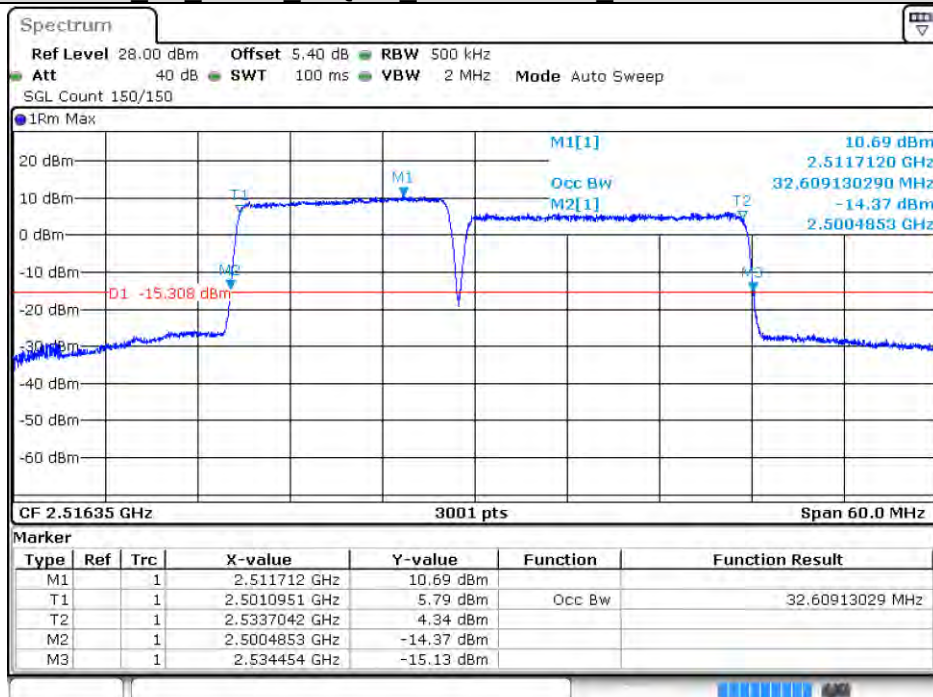


CA 7C 15+20 QPSK 21179+21350 75RB#0+100RB#0



Date: 31.MAY.2020 14:47:00

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Date: 31.MAY.2020 14:42:12

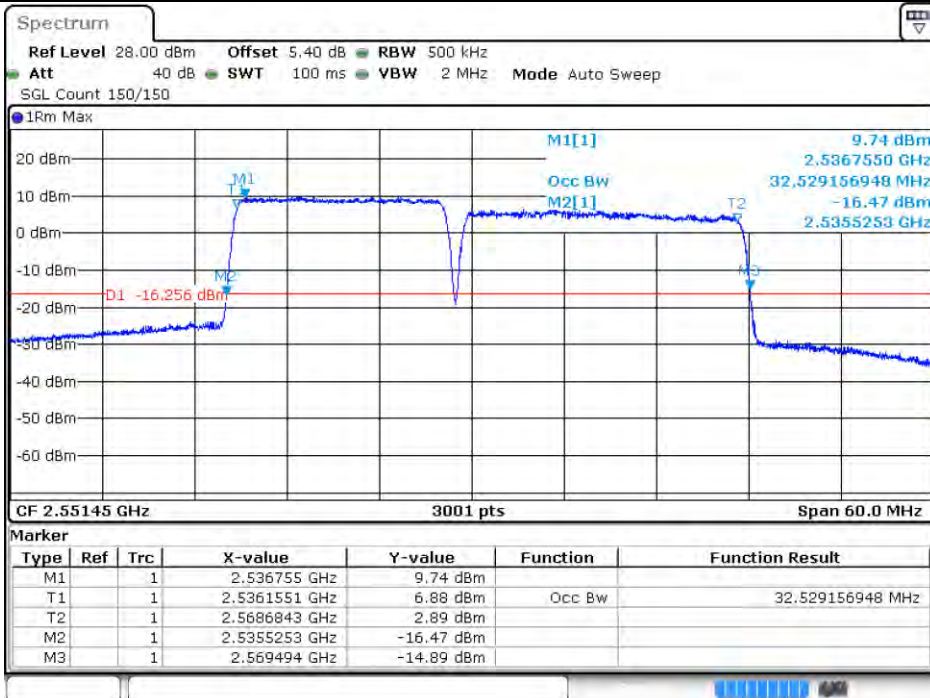


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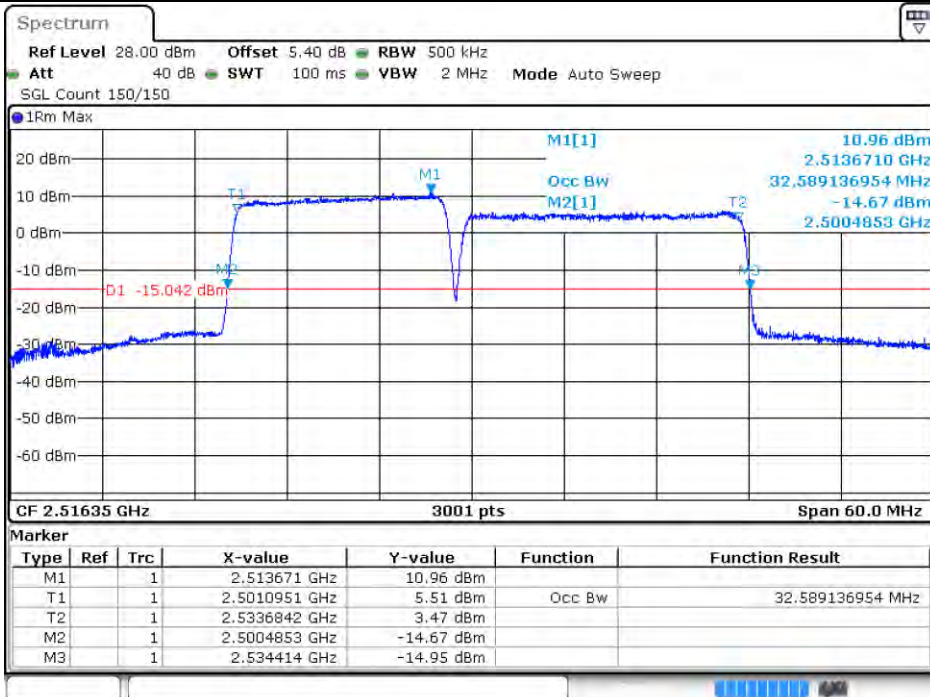
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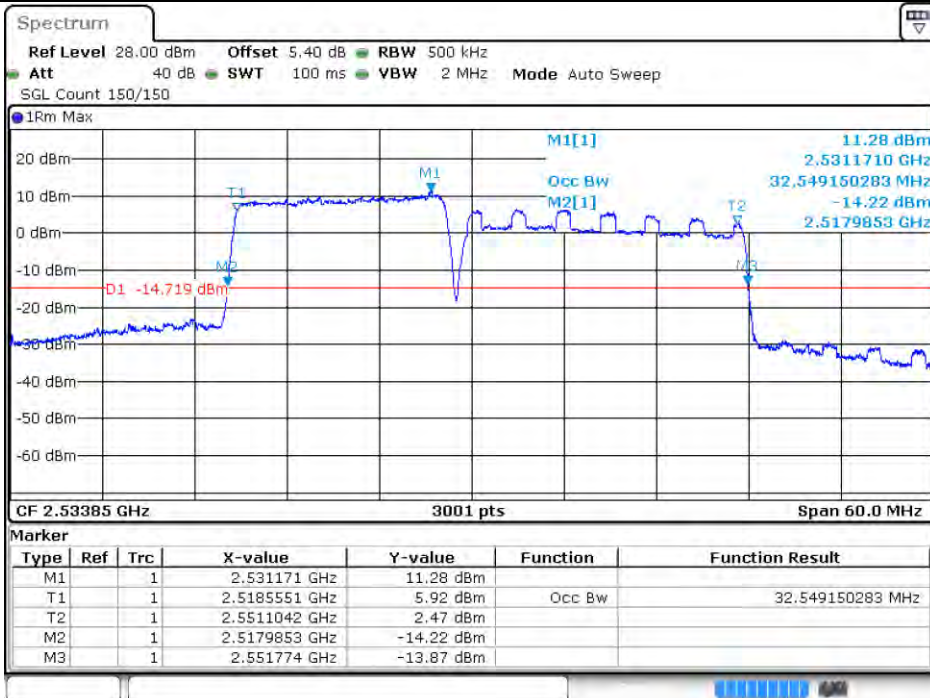


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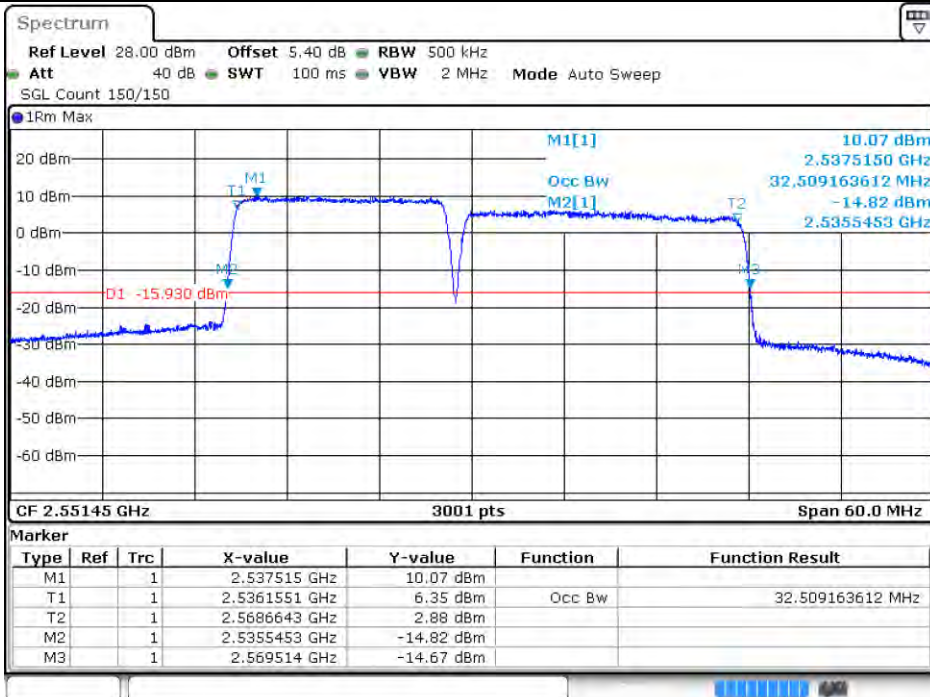
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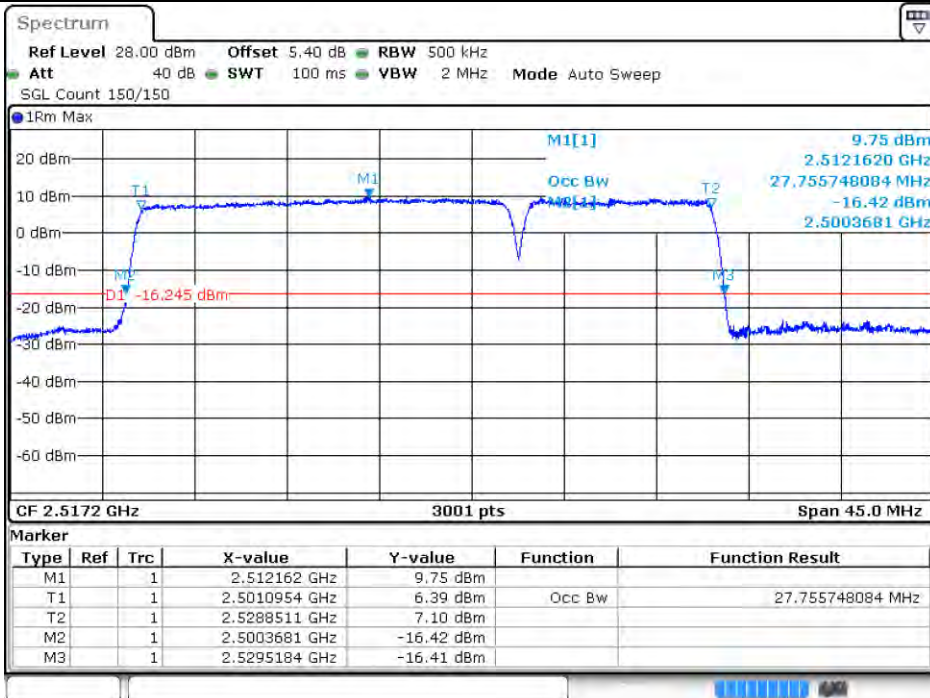


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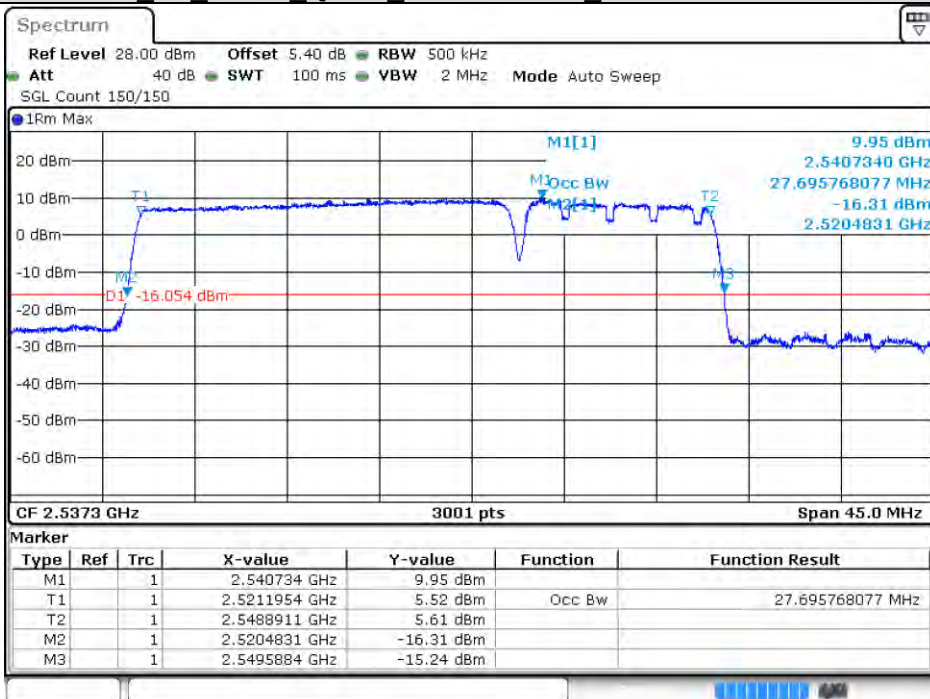
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Date: 31.MAY.2020 14:22:34

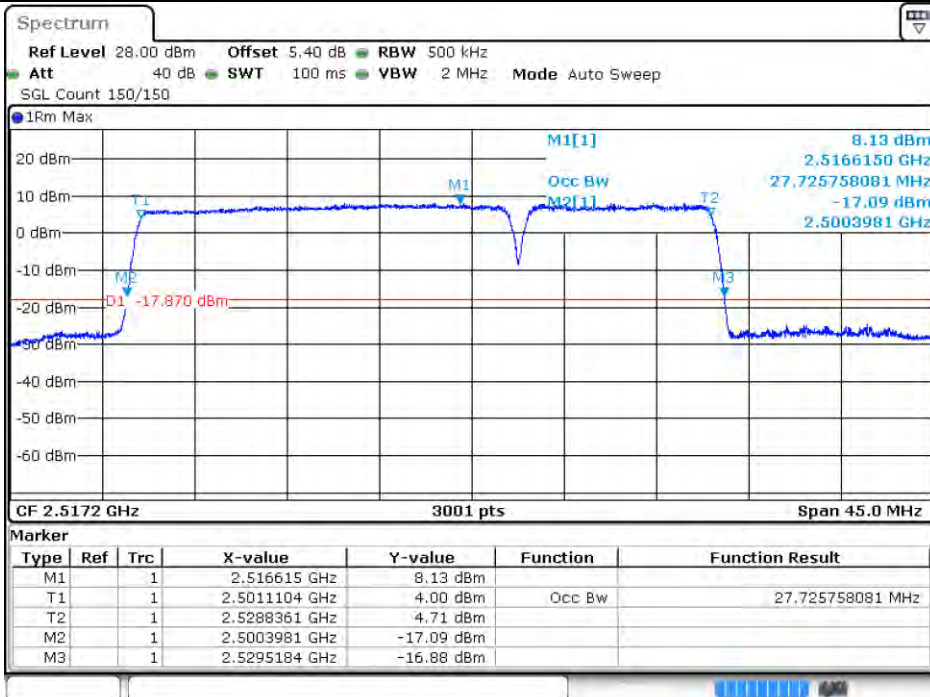
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Date: 31.MAY.2020 14:24:45

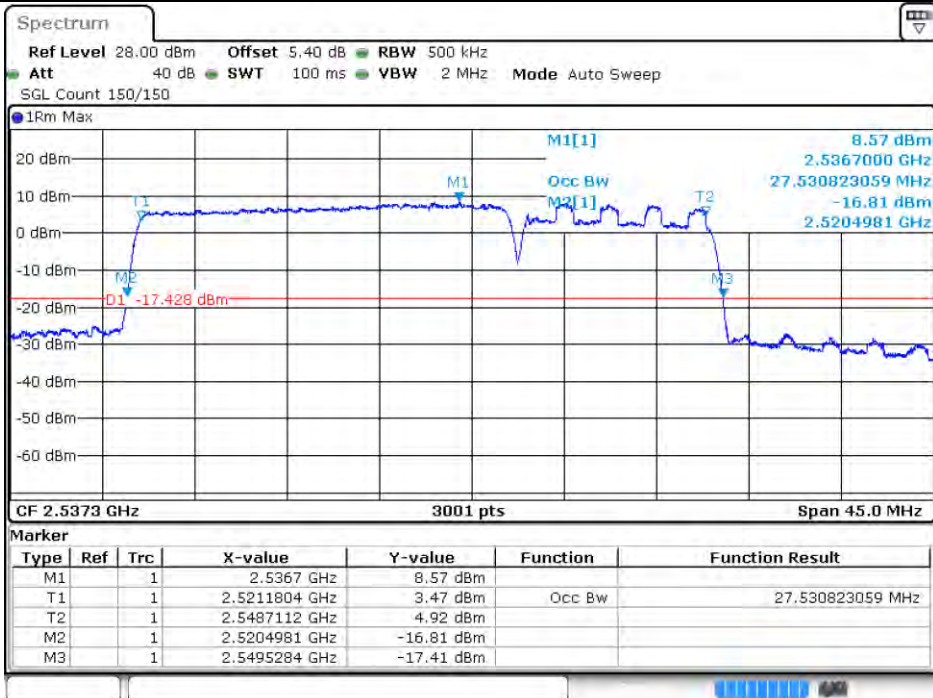


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Date: 31.MAY.2020 14:20:25

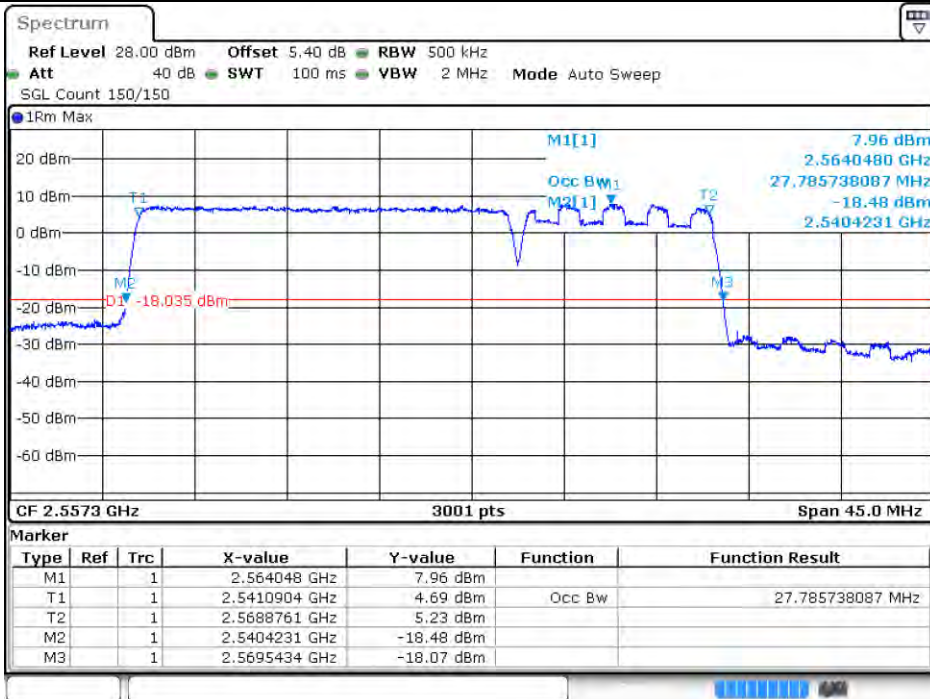
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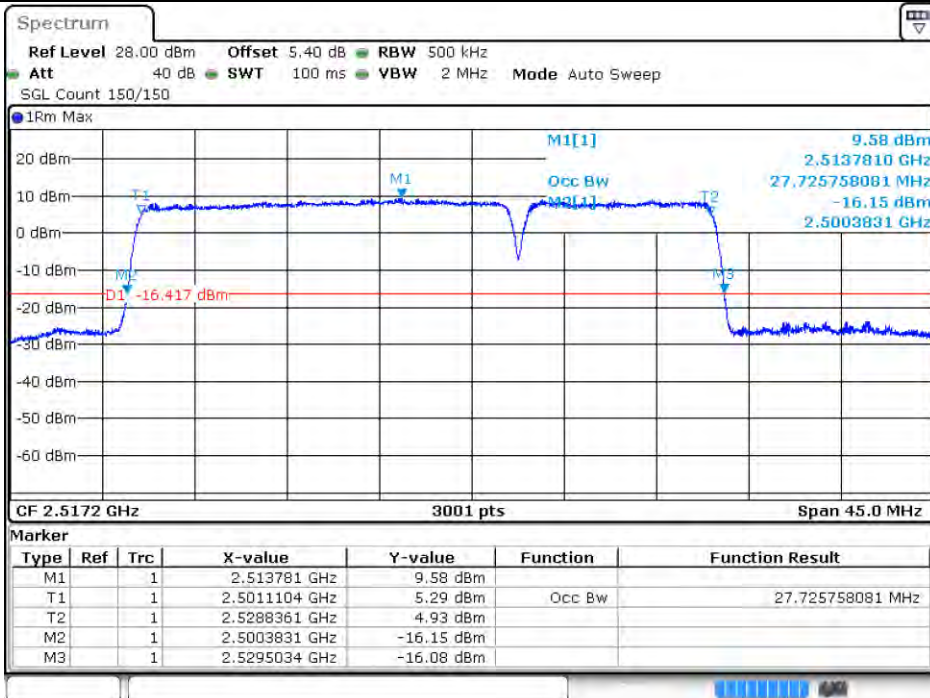


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Date: 31.MAY.2020 14:25:06

A 7C 20+10 64QAM 20850+20994 100RB#0+50RB#0



Date: 31.MAY.2020 14:20:47

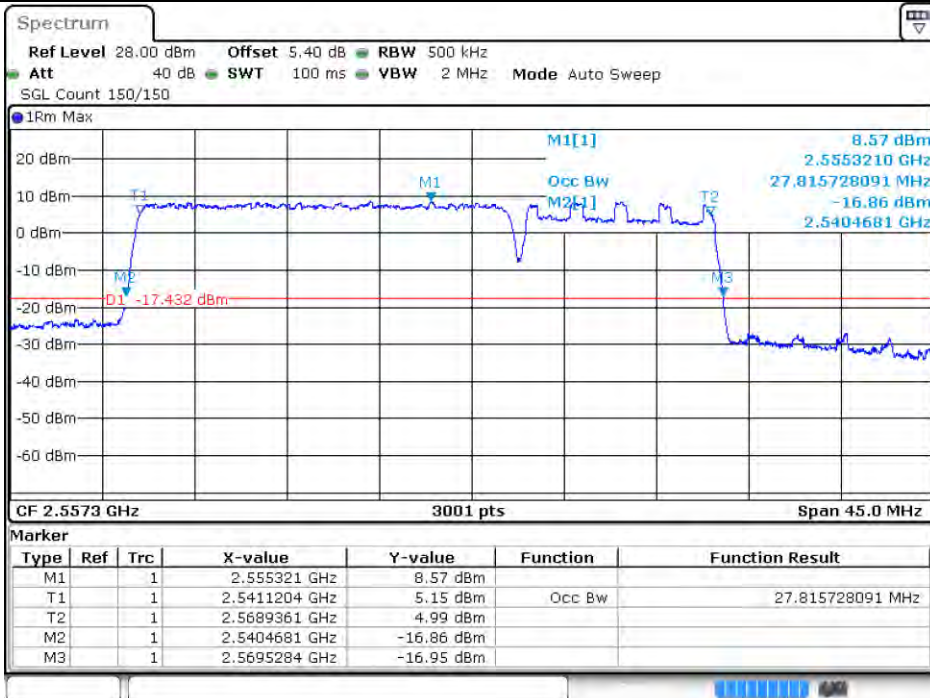


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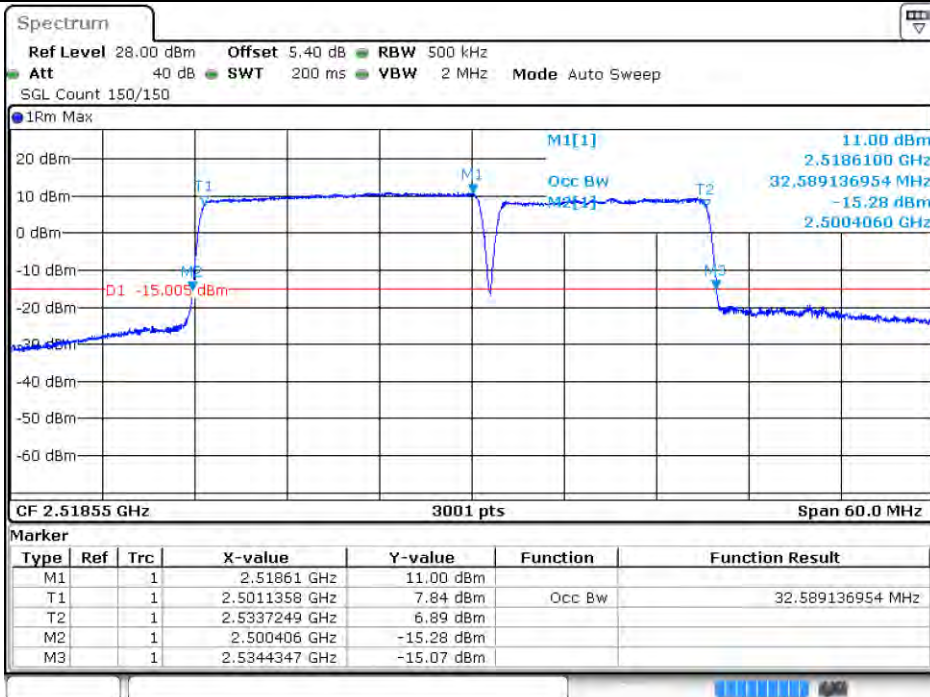
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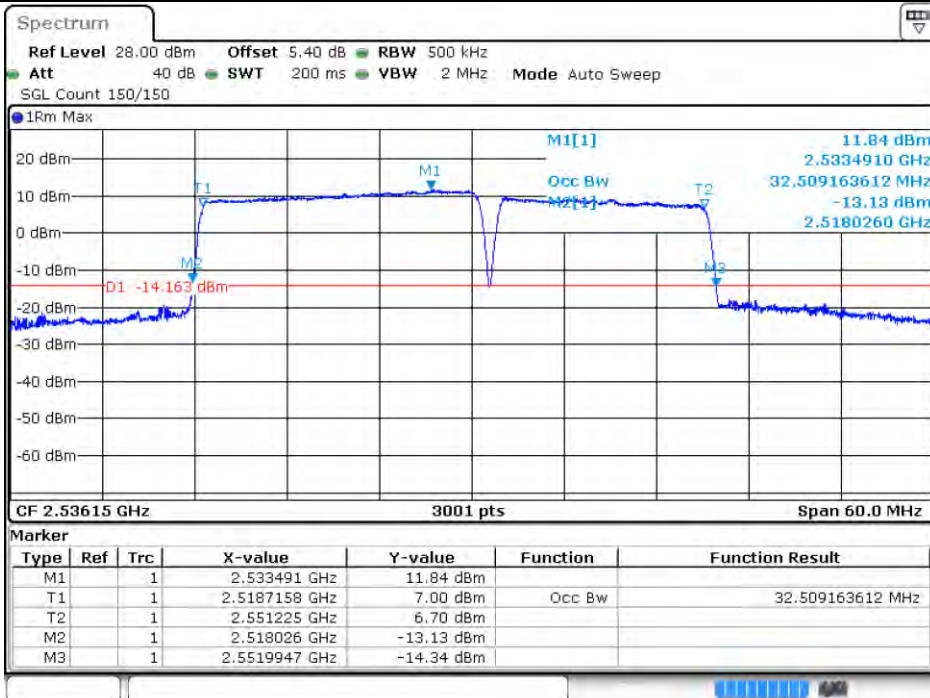


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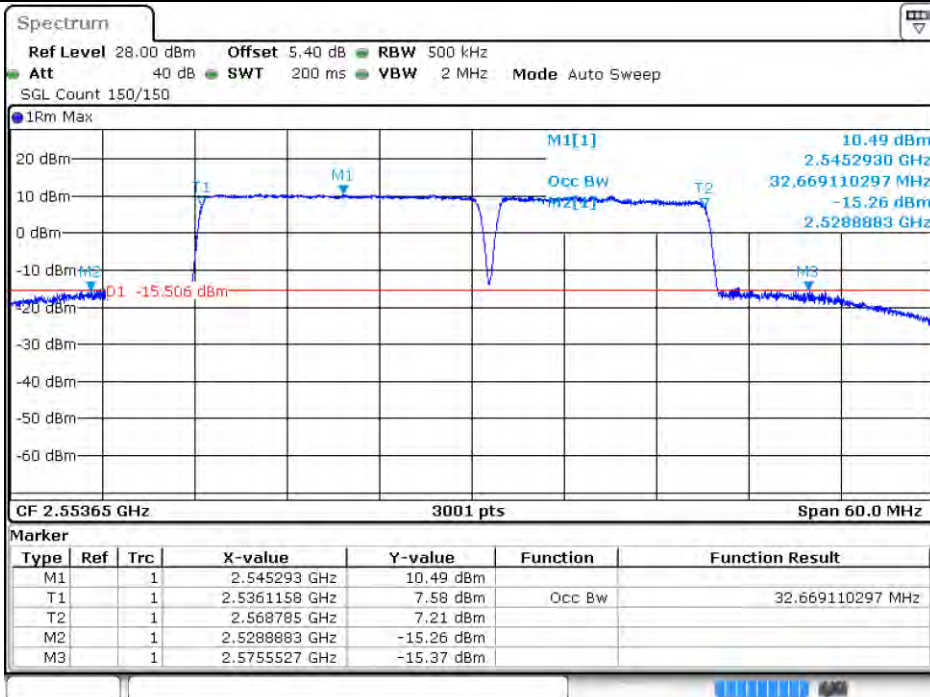
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Date: 31.MAY.2020 15:21:06

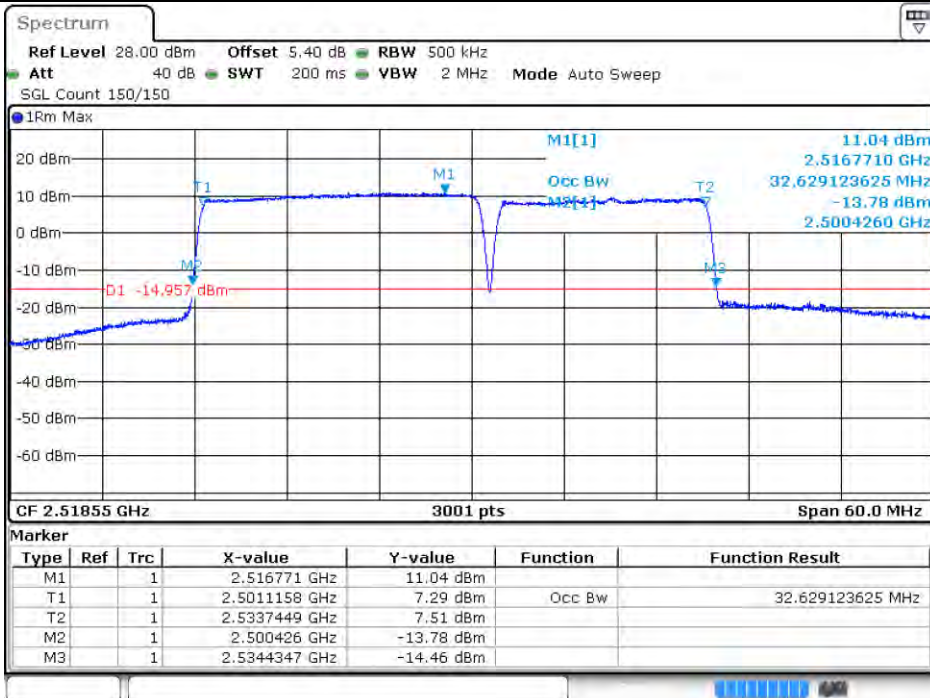


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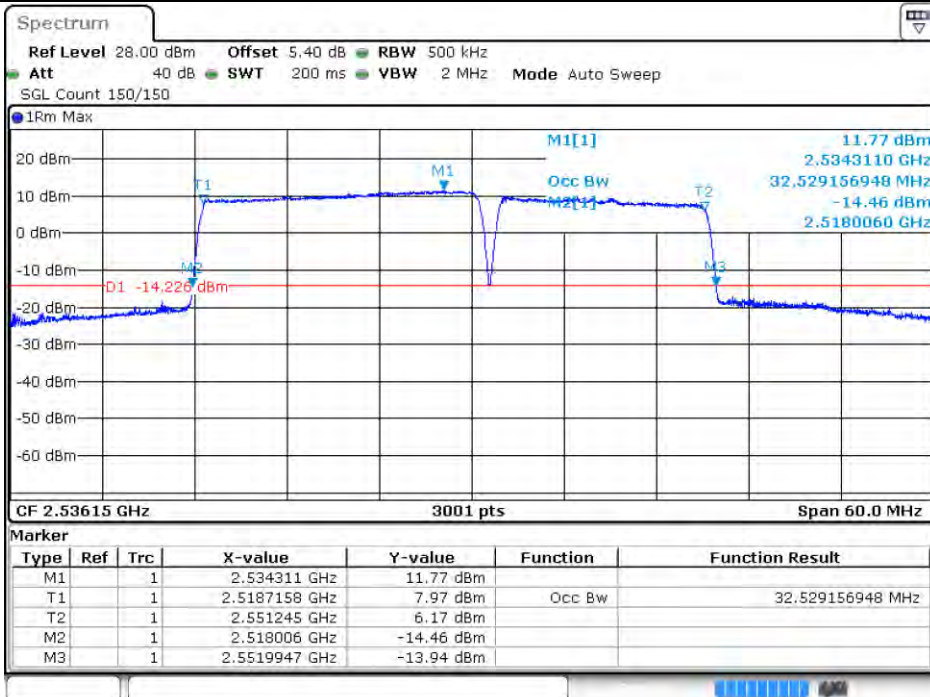
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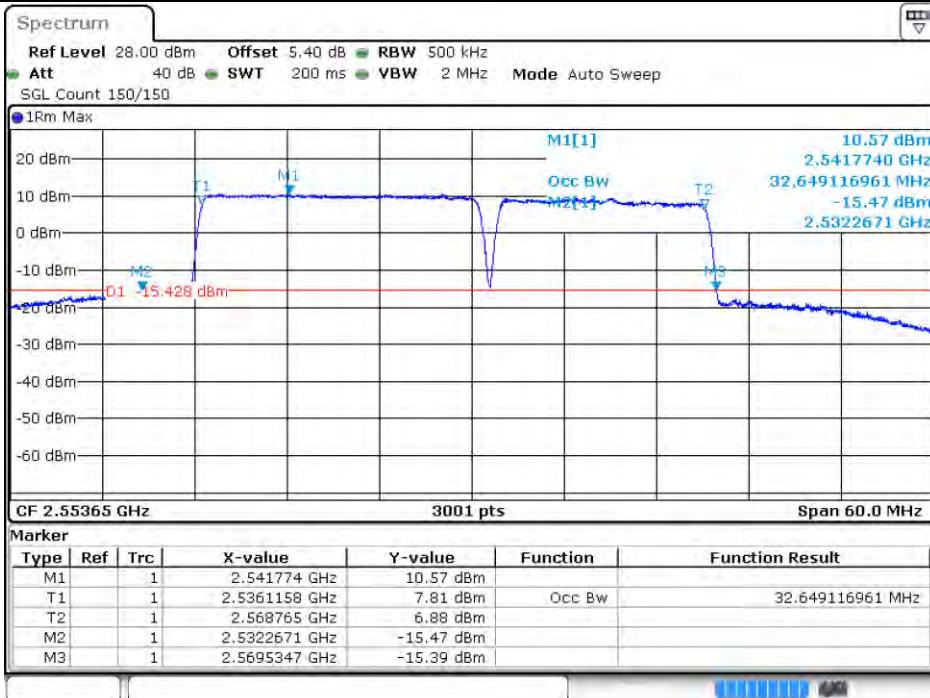


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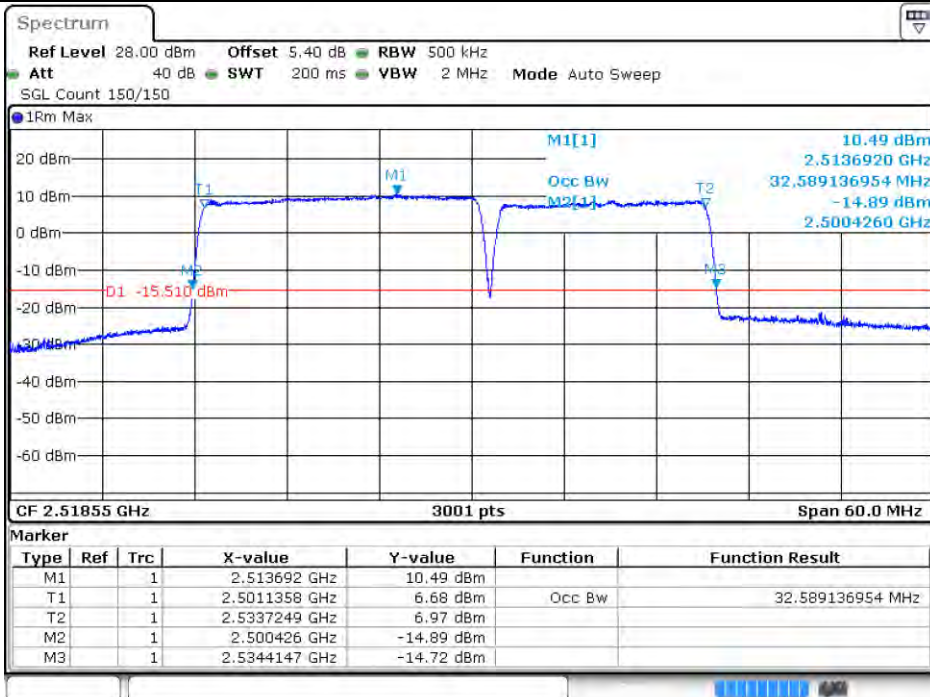
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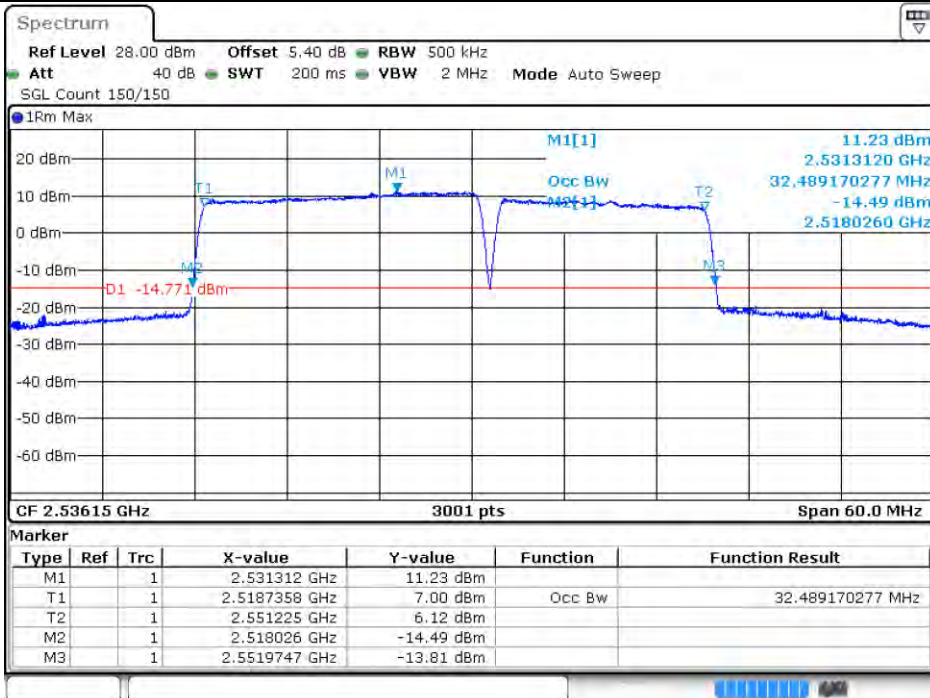


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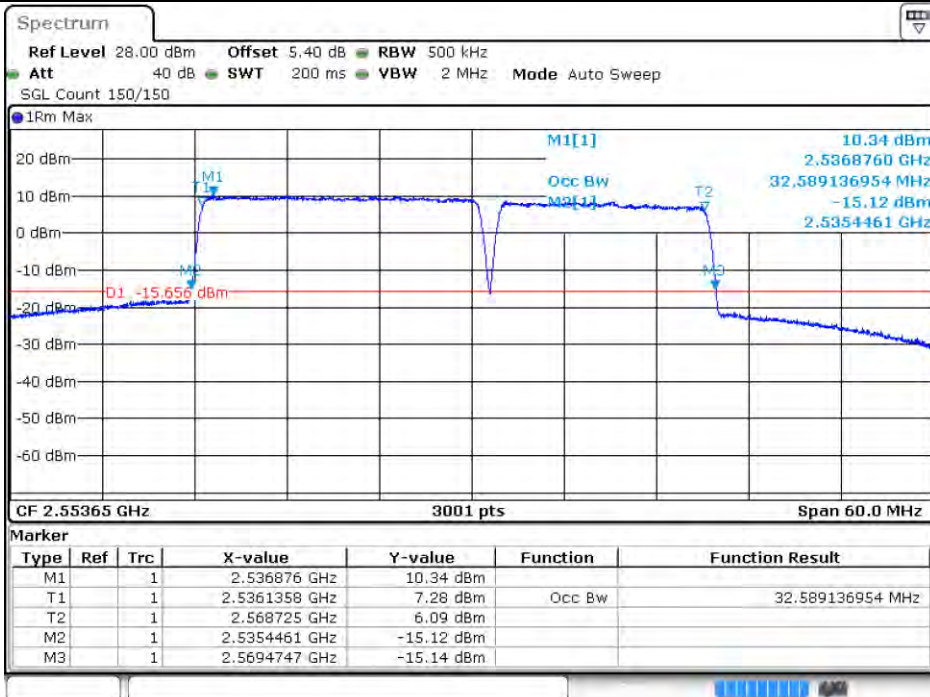
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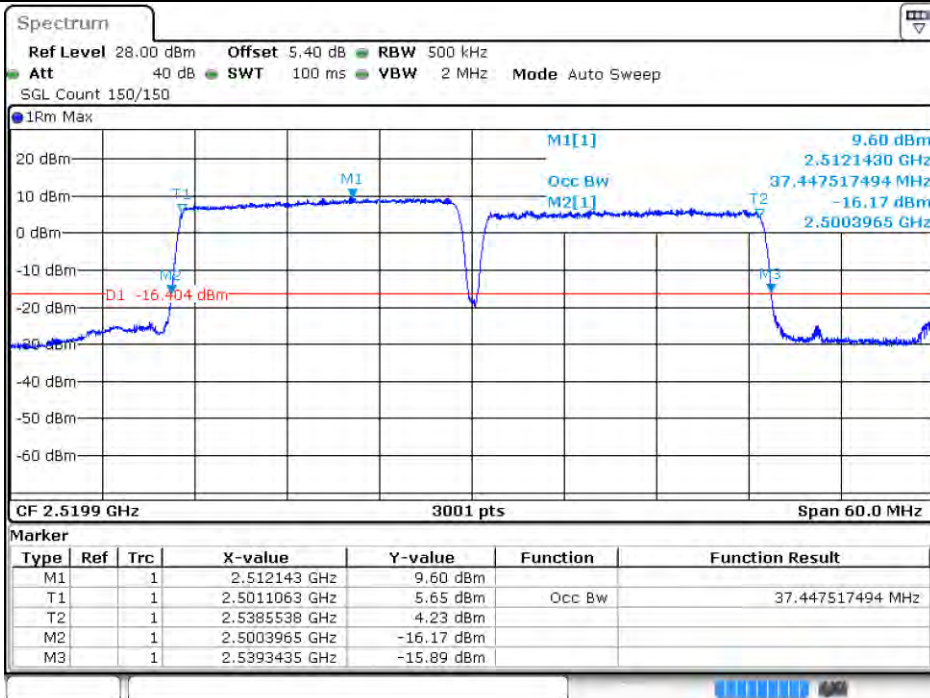


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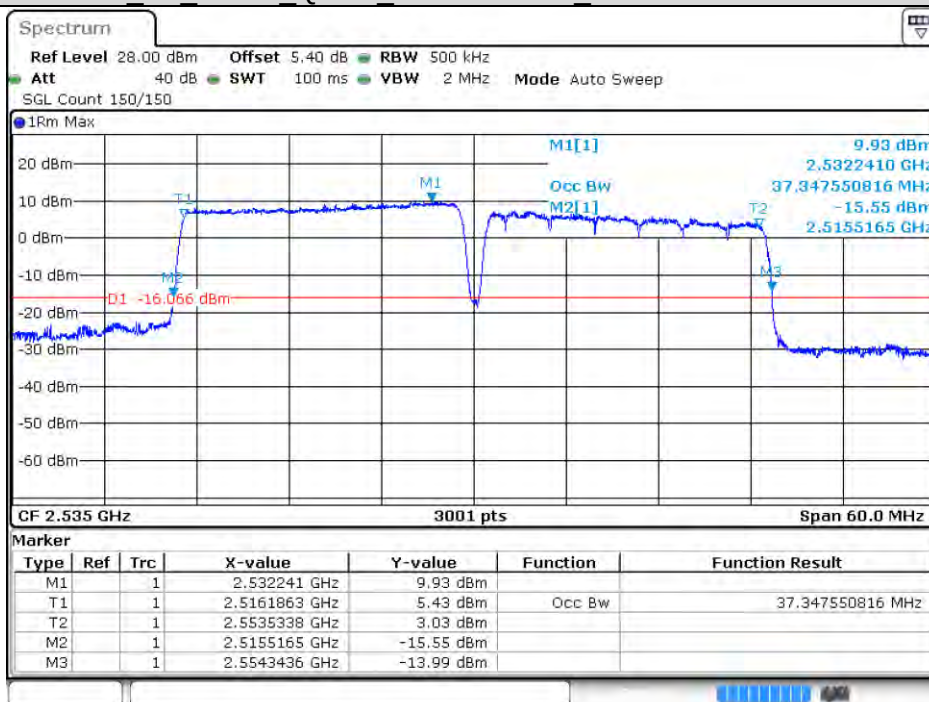
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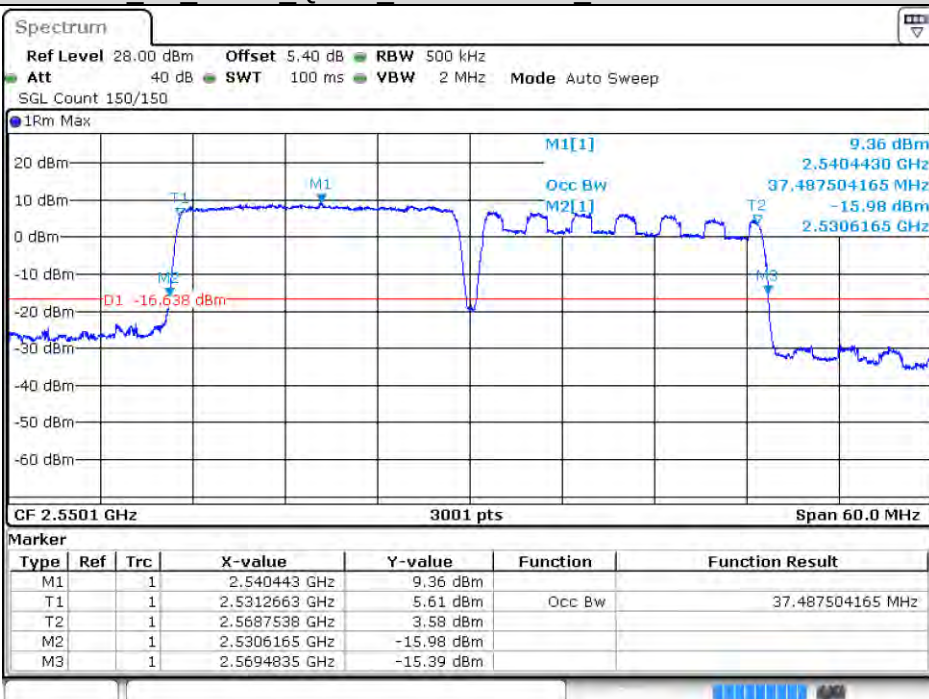


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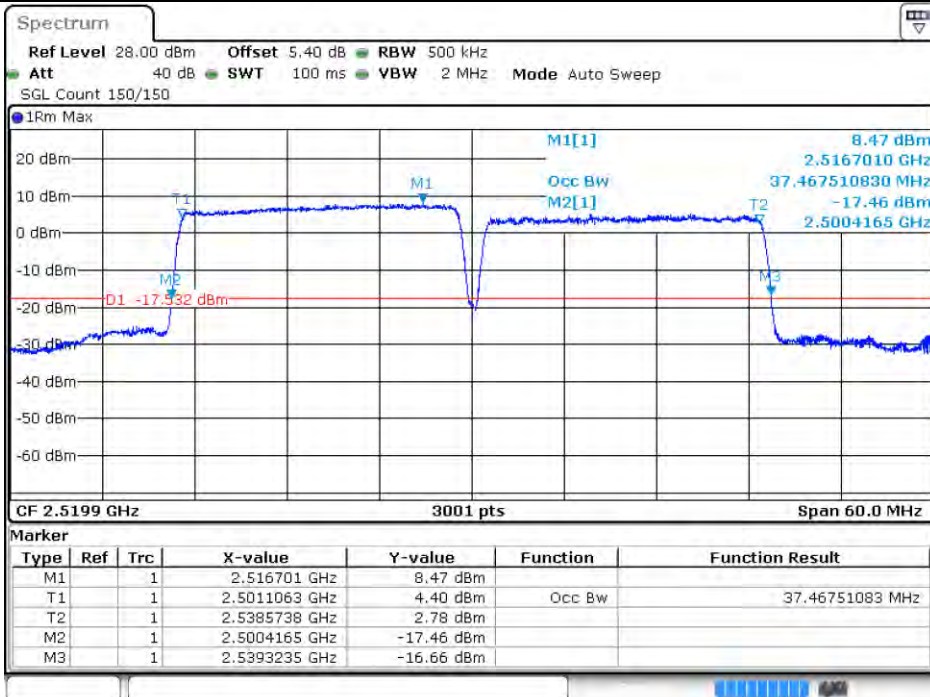
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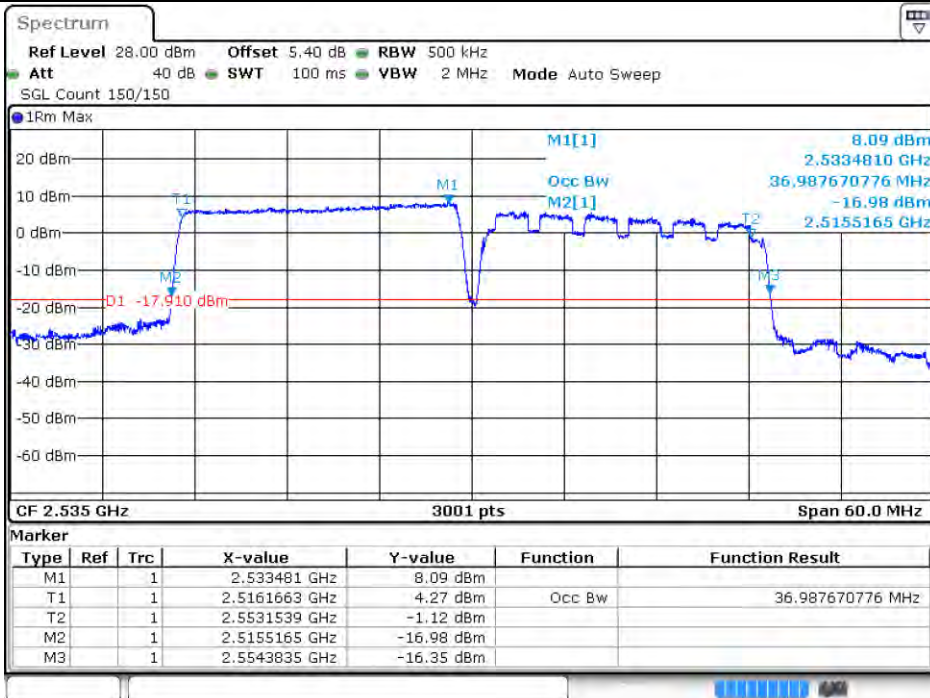


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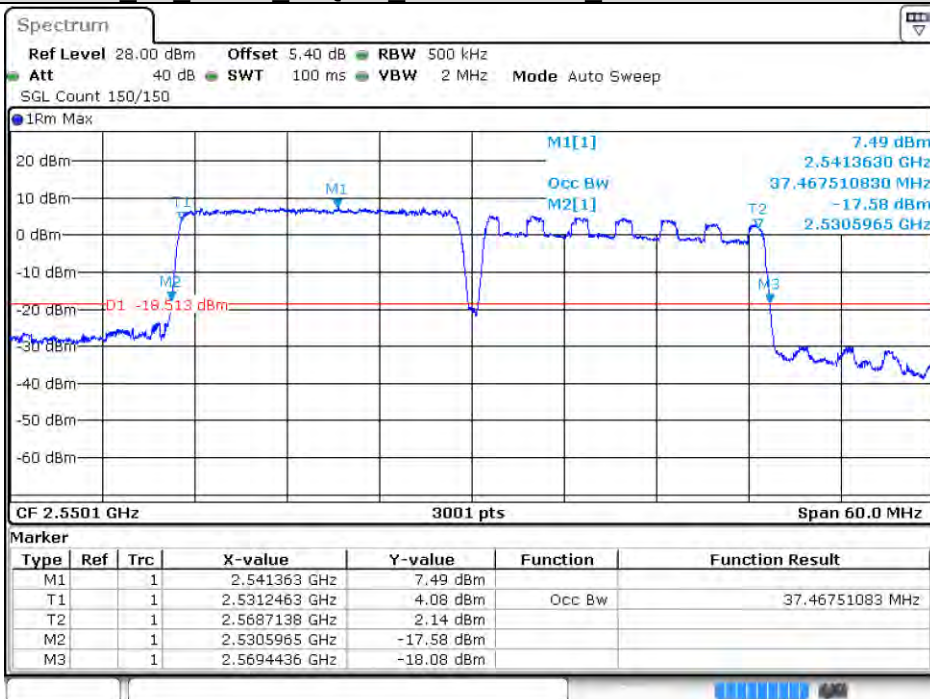
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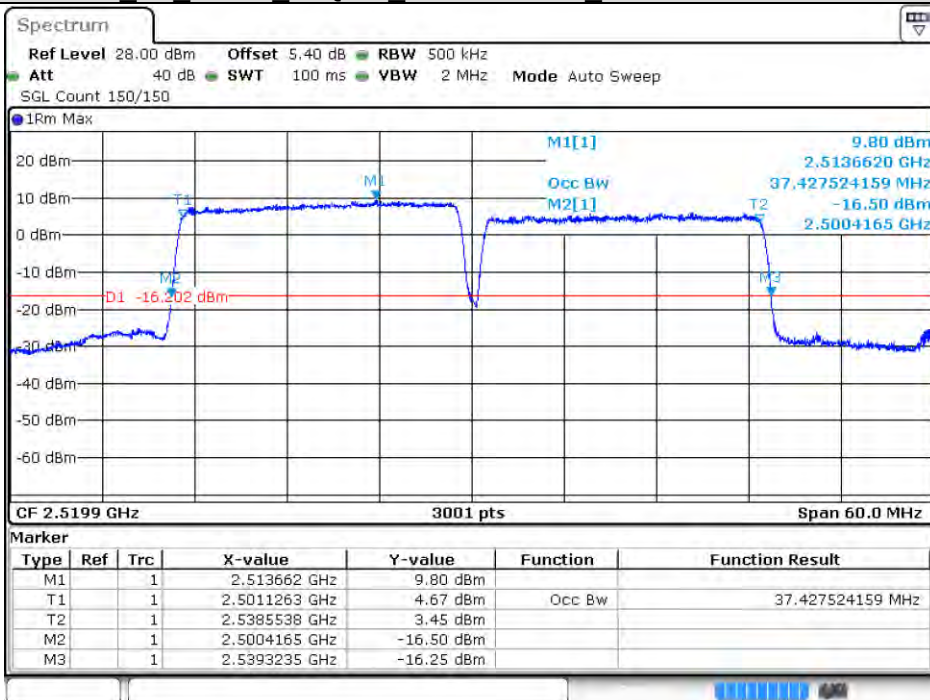


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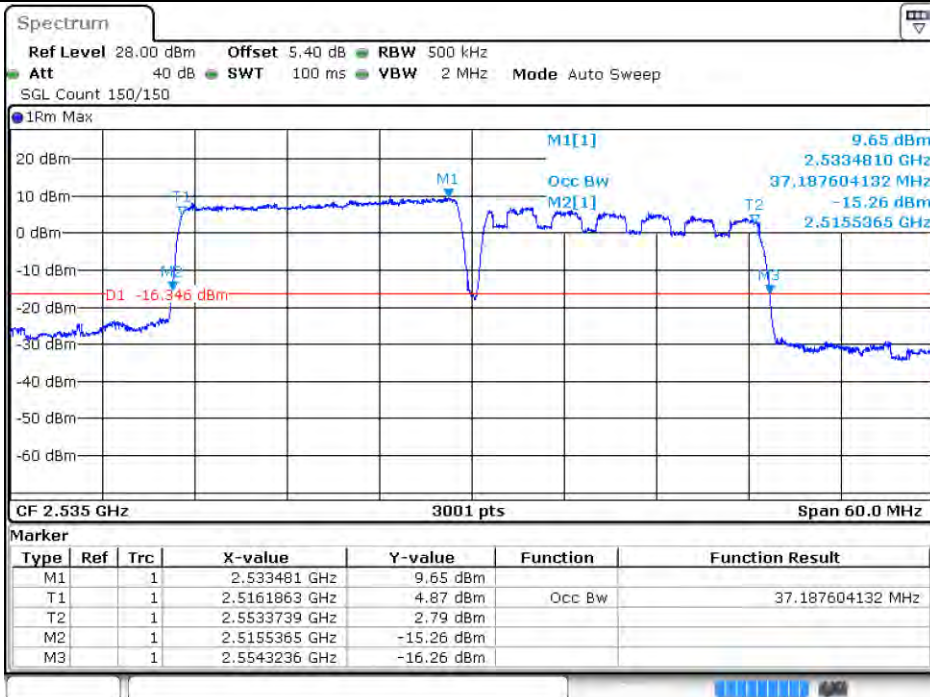
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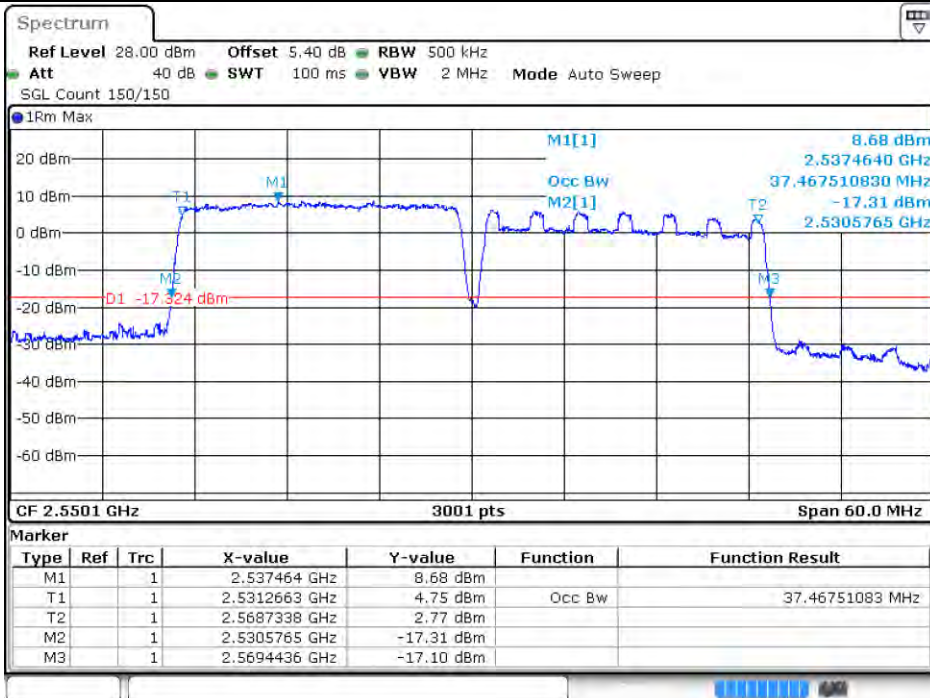


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CA 7C 20+20 64QAM 21152+21350 100RB#0+100RB#0



Date: 31.MAY.2020 15:31:22



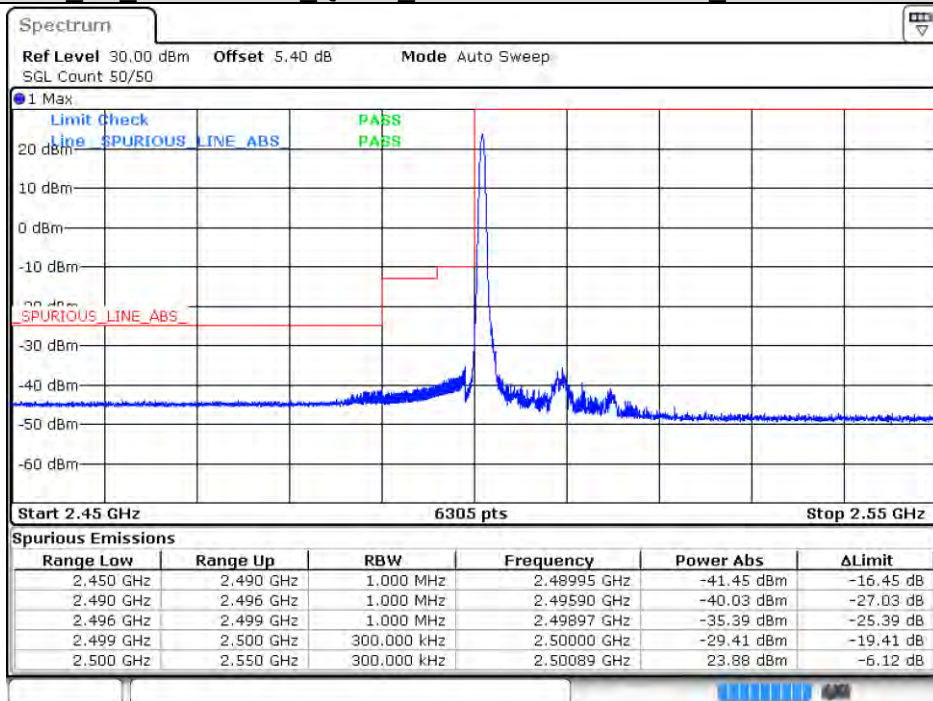


5. Band Edges Compliance

5.1. For LTE

1.1.4 Test Band = LTE Band CA_7C

CA_7C_75RB+75RB_QPSK_208225RB+100RB975_1RB#0+0RB#0



Date: 31.MAY.2020 15:32:11

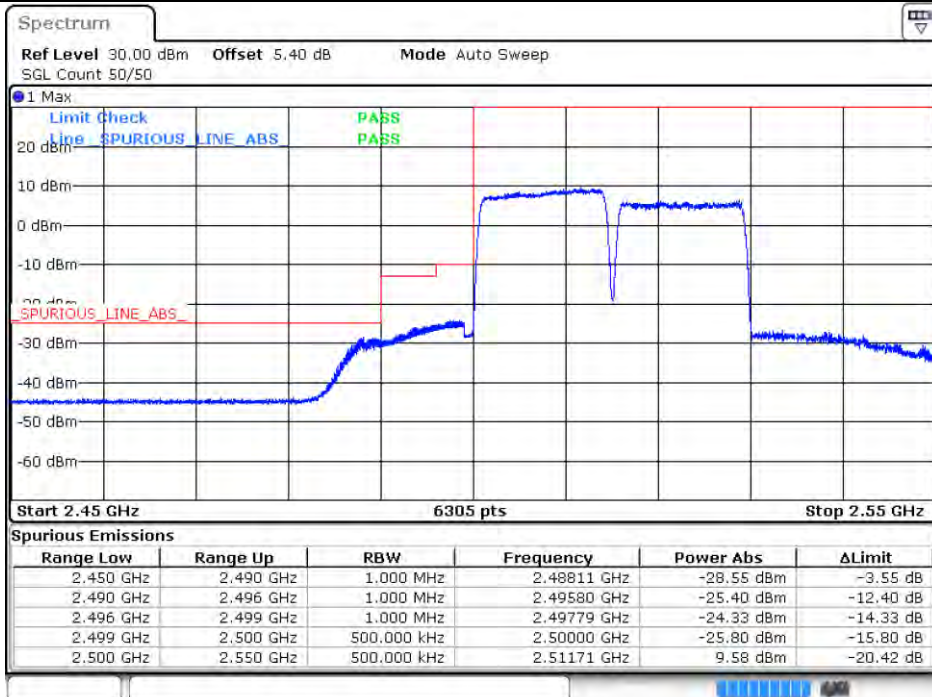


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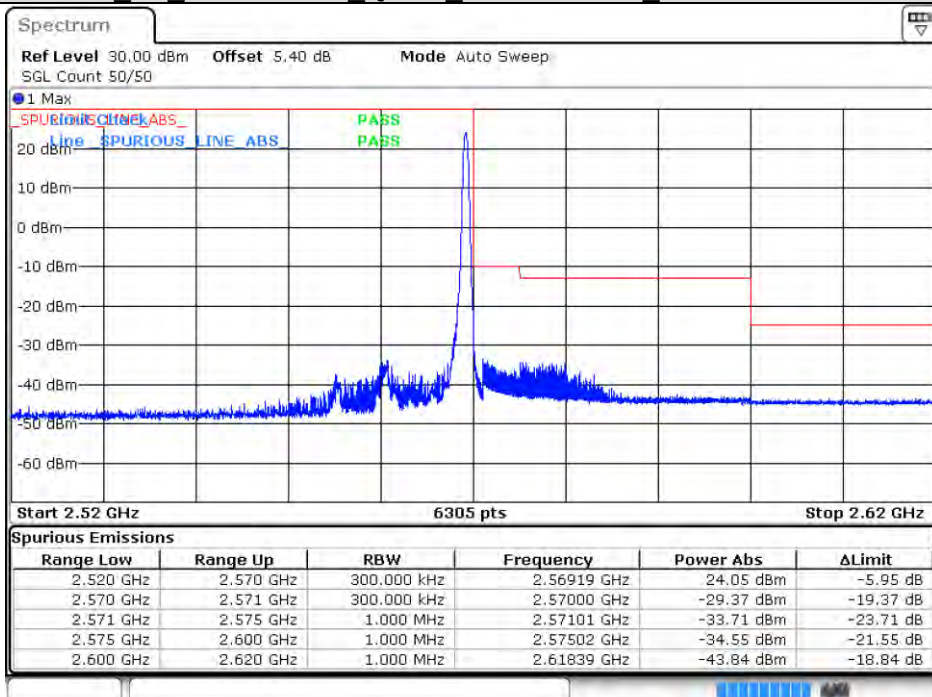
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CA_7C_75RB+75RB_QPSK_208225RB+100RB975_75RB#0+75RB#0



Date: 31.MAY.2020 15:33:57

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



Date: 31.MAY.2020 15:35:30

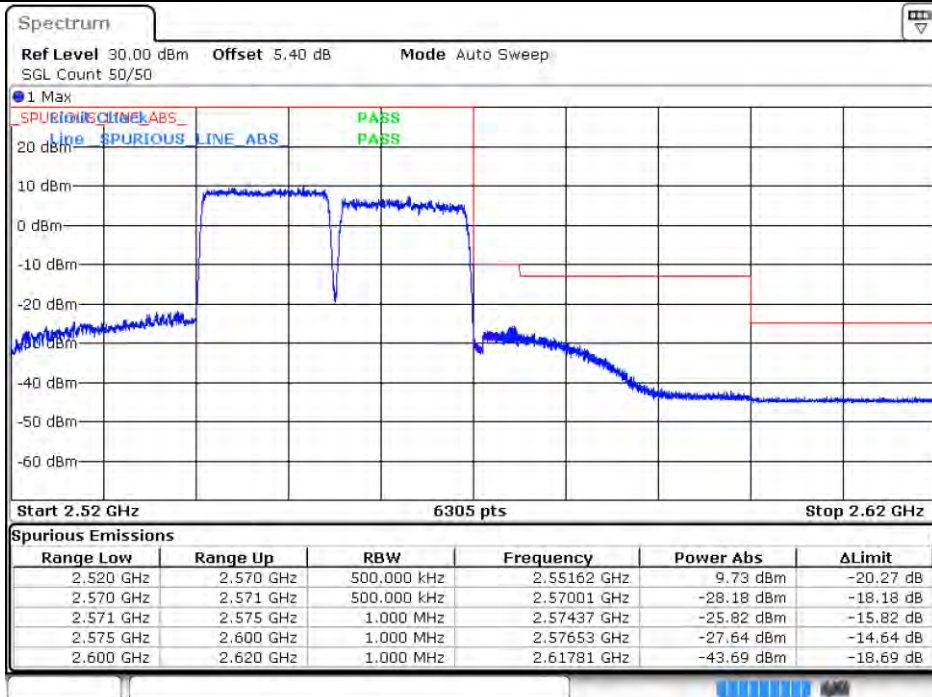


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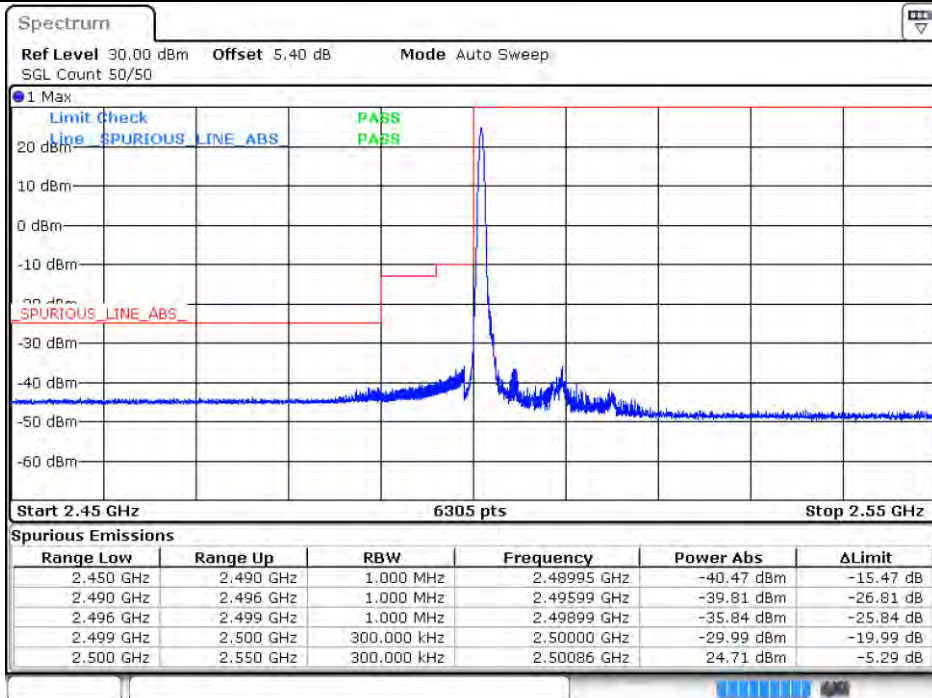
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CA 7C 75RB+75RB_QPSK 21225+21375_75RB#0+75RB#0



Date: 31.MAY.2020 15:36:37

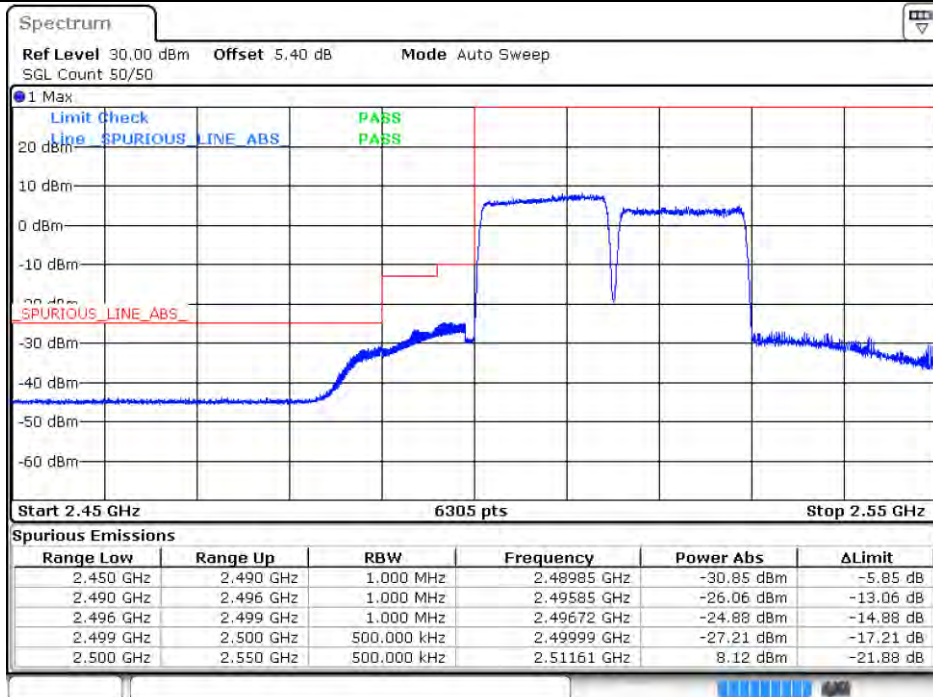
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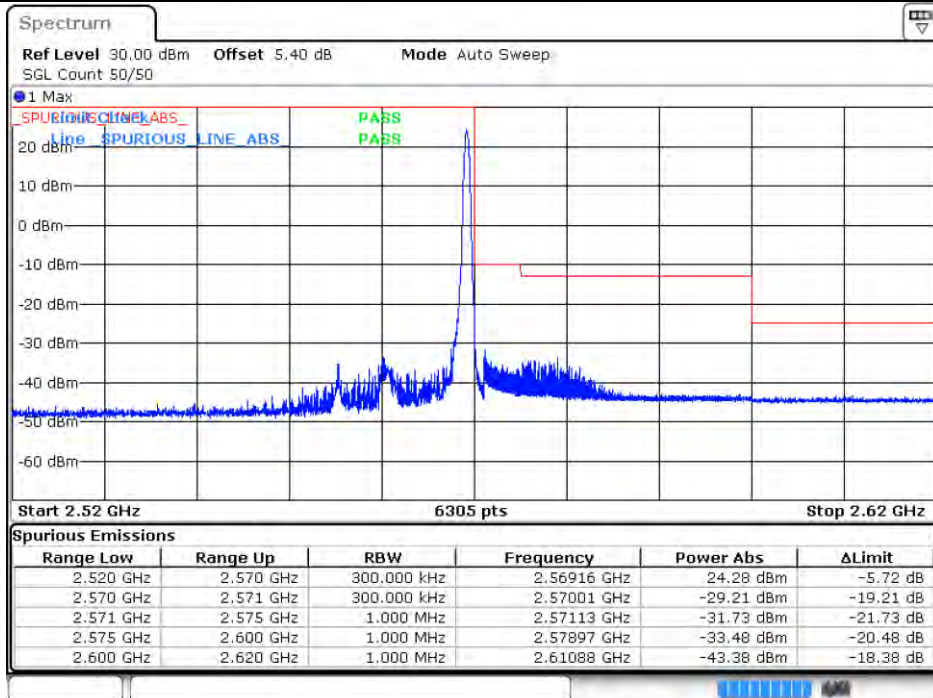


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Date: 31.MAY.2020 15:34:26

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



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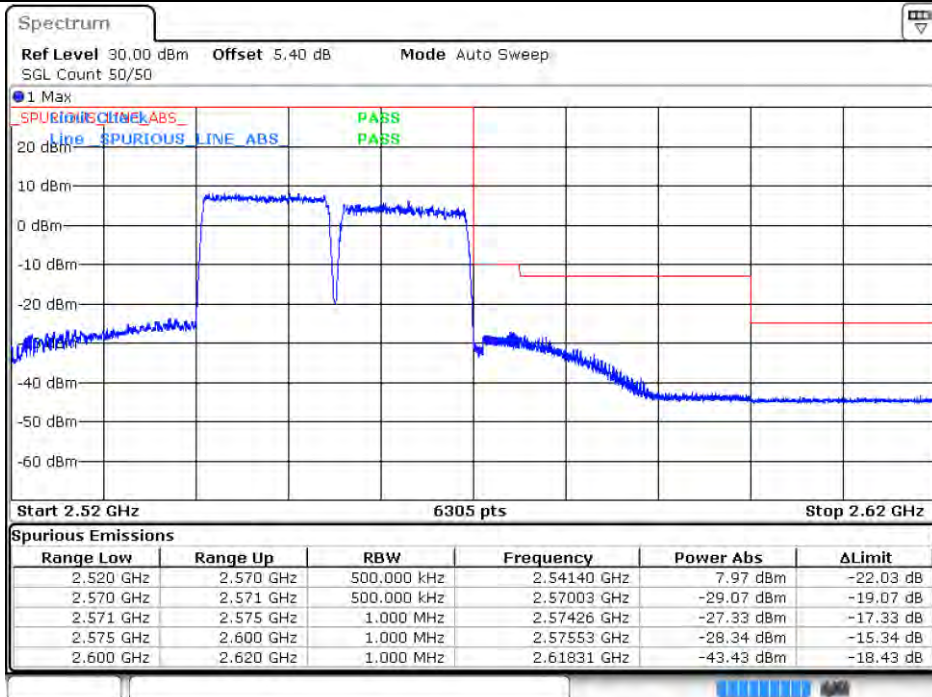


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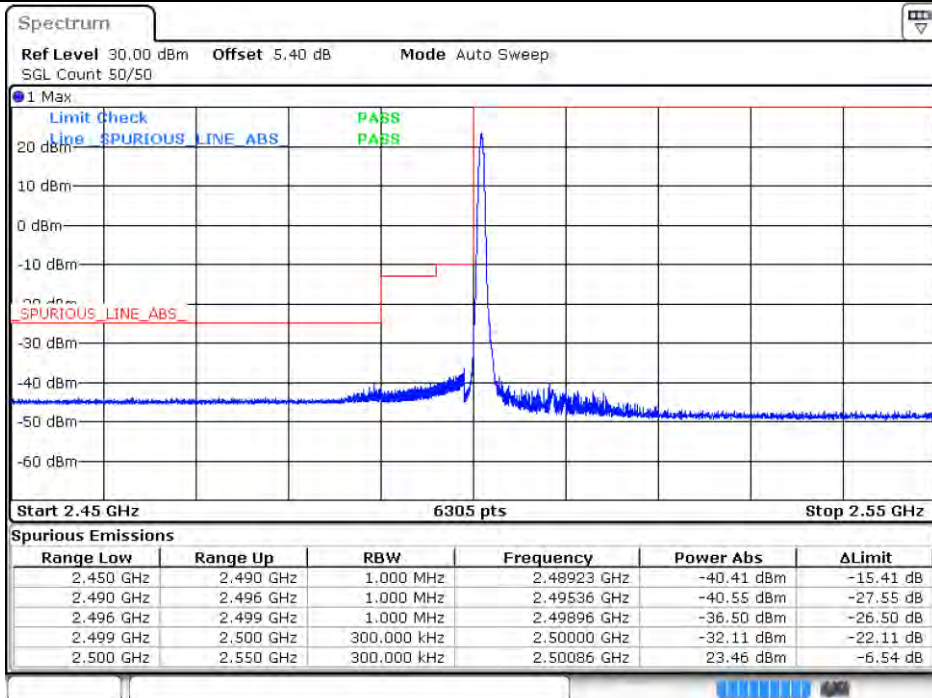
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CA 7C 75RB+75RB 16QAM 21225+21375 75RB#0+75RB#0



Date: 31.MAY.2020 15:36:52

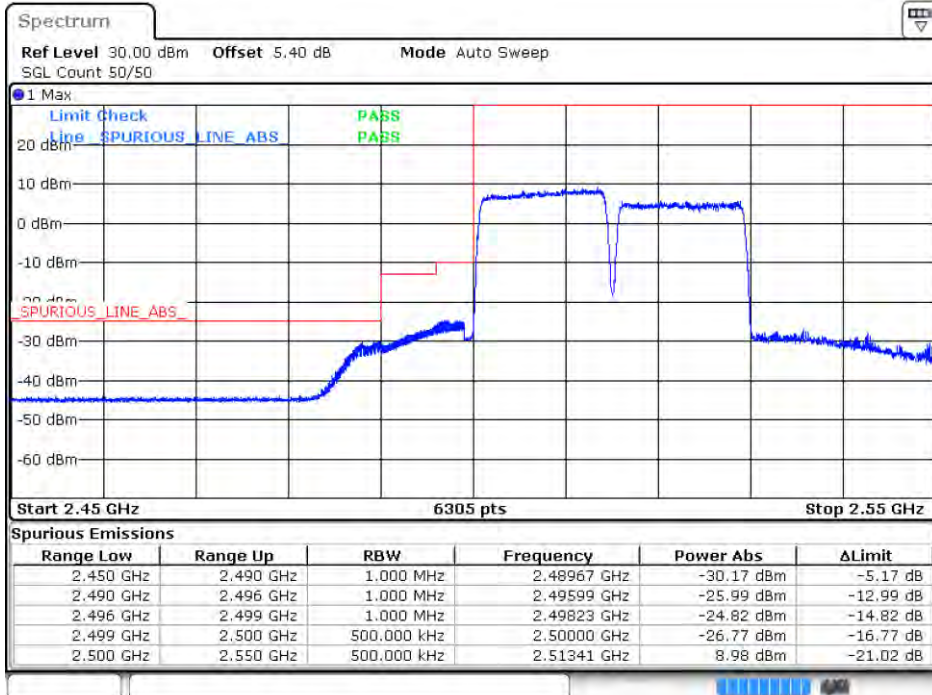
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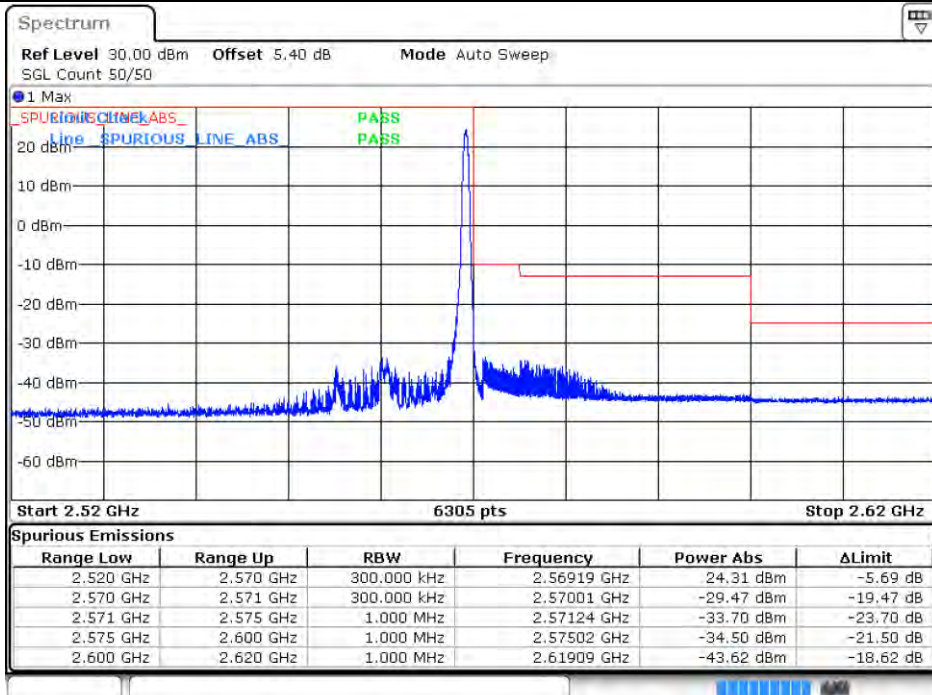


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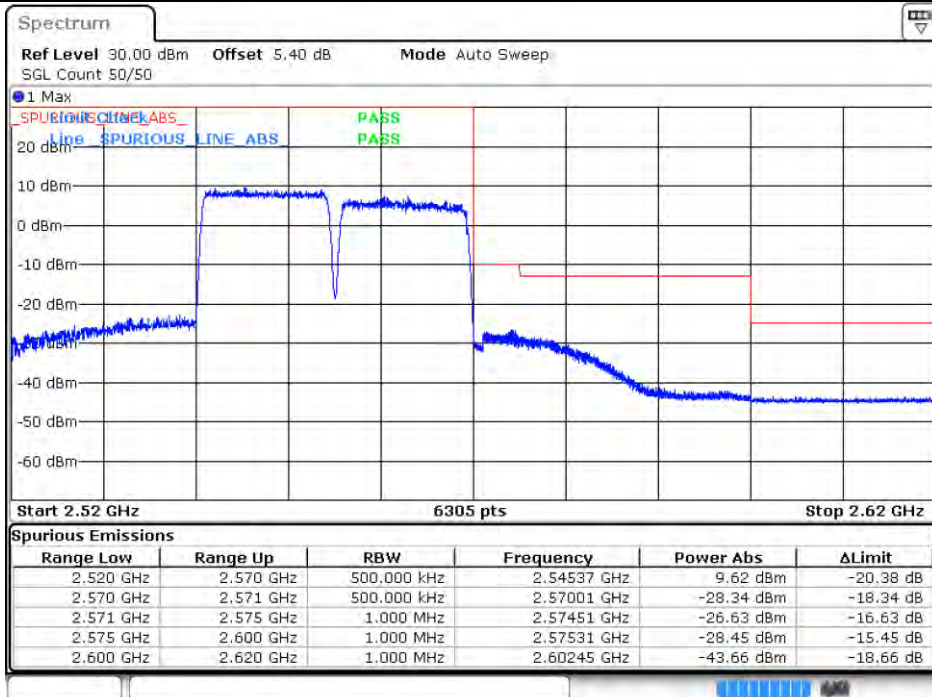
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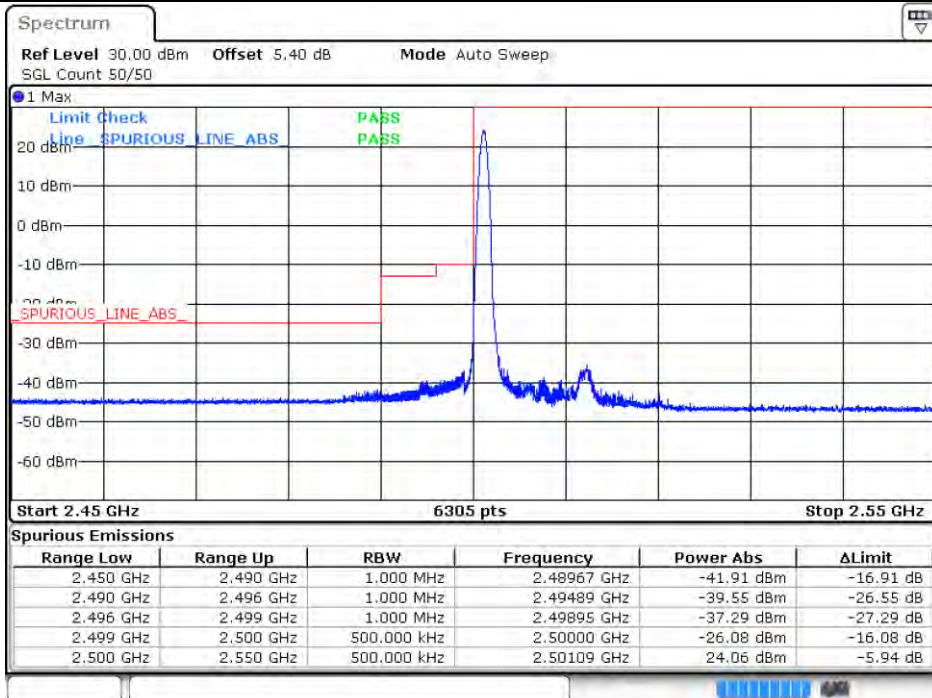


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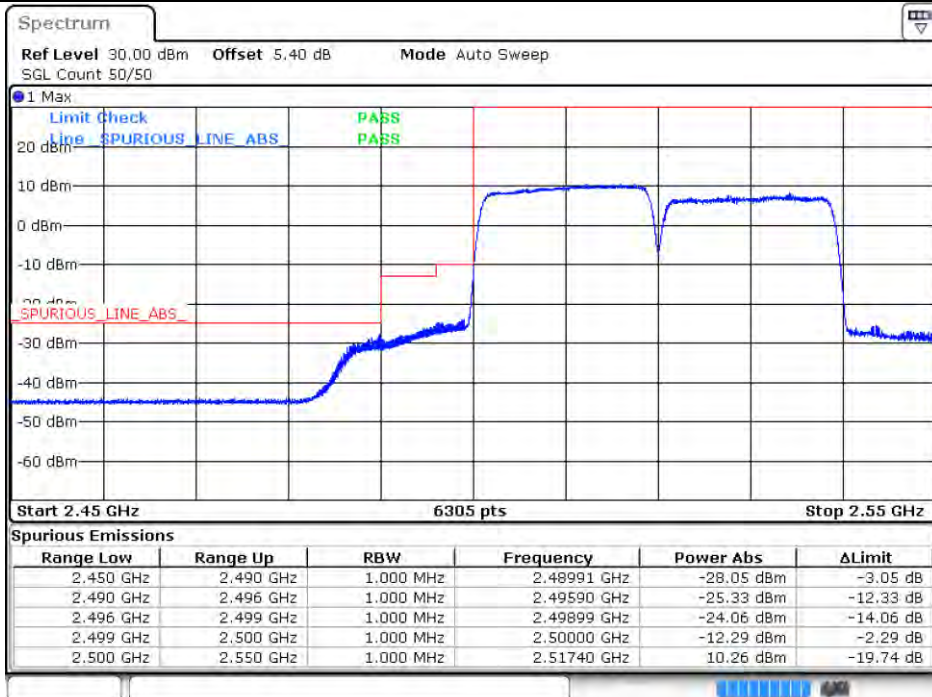
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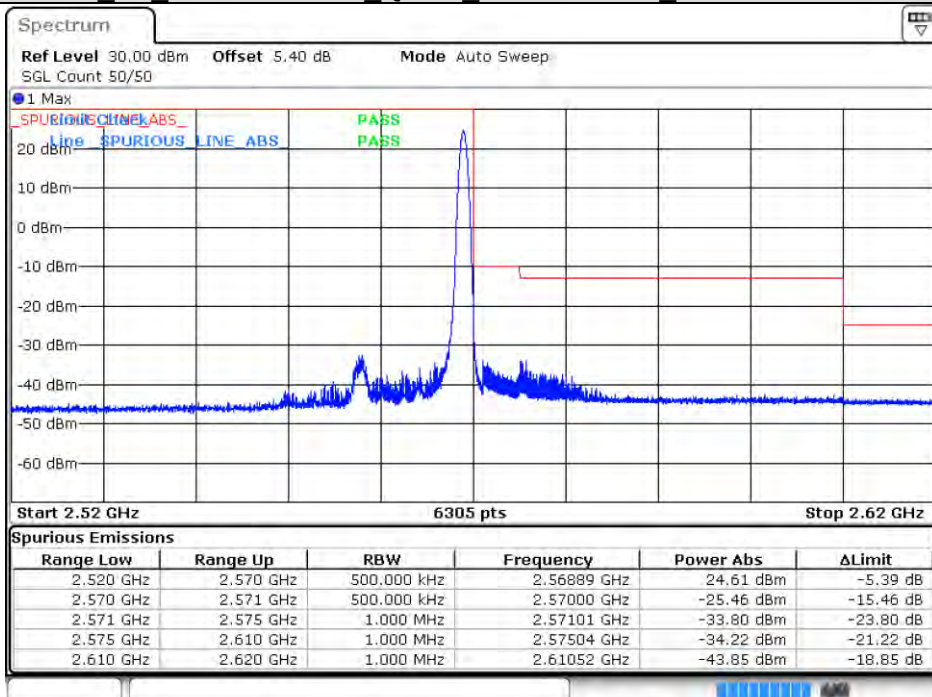


CA 7C 100RB+100RB QPSK 20850+21048 100RB#0+100RB#0



Date: 31.MAY.2020 15:39:44

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Date: 31.MAY.2020 15:41:17

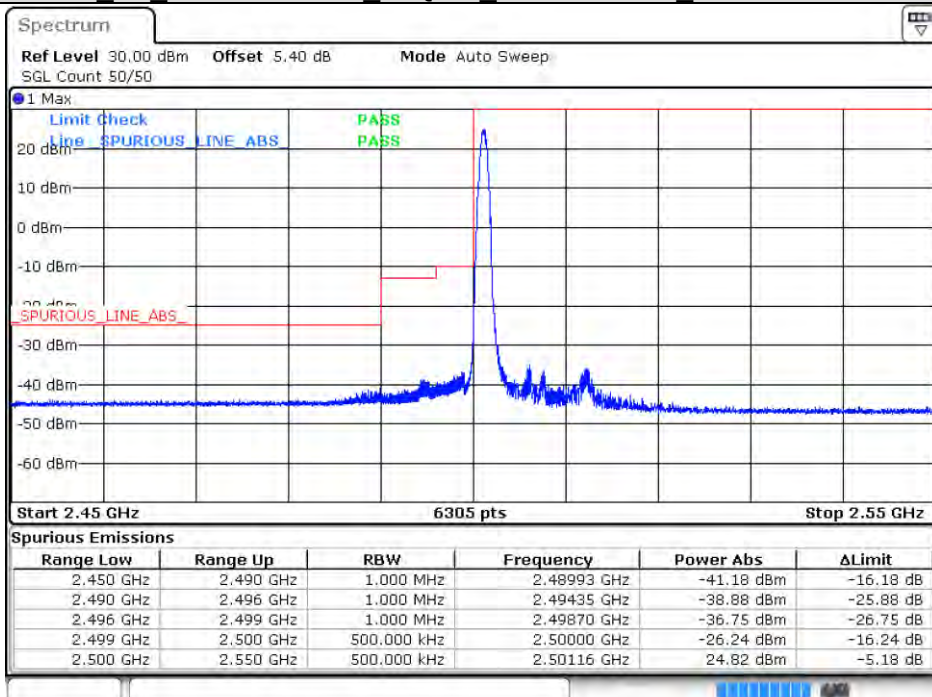


CA 7C 100RB+100RB QPSK 21152+21350 100RB#0+100RB#0



Date: 31.MAY.2020 15:42:24

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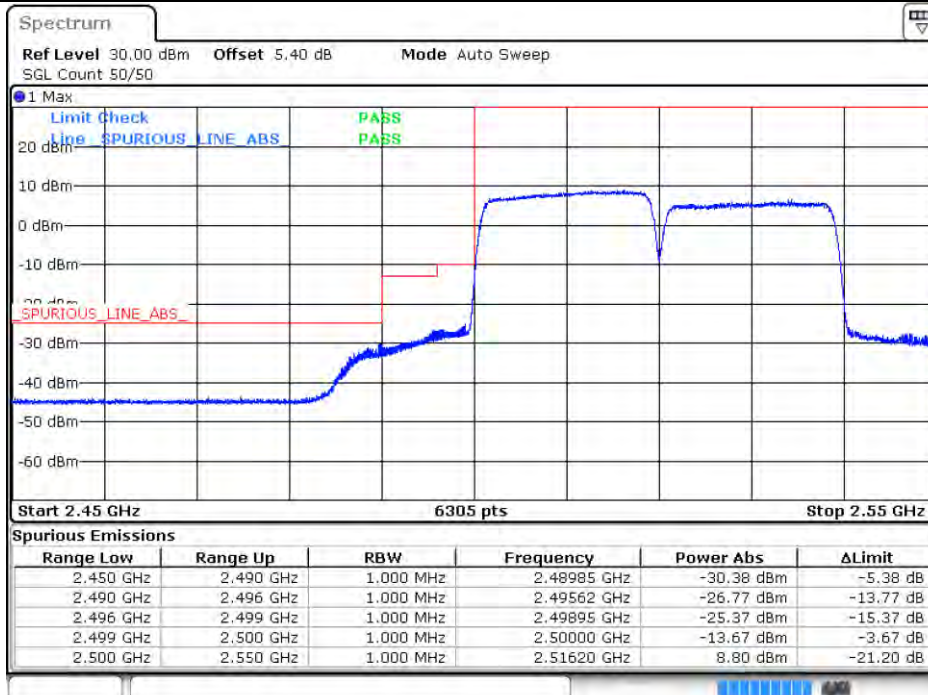


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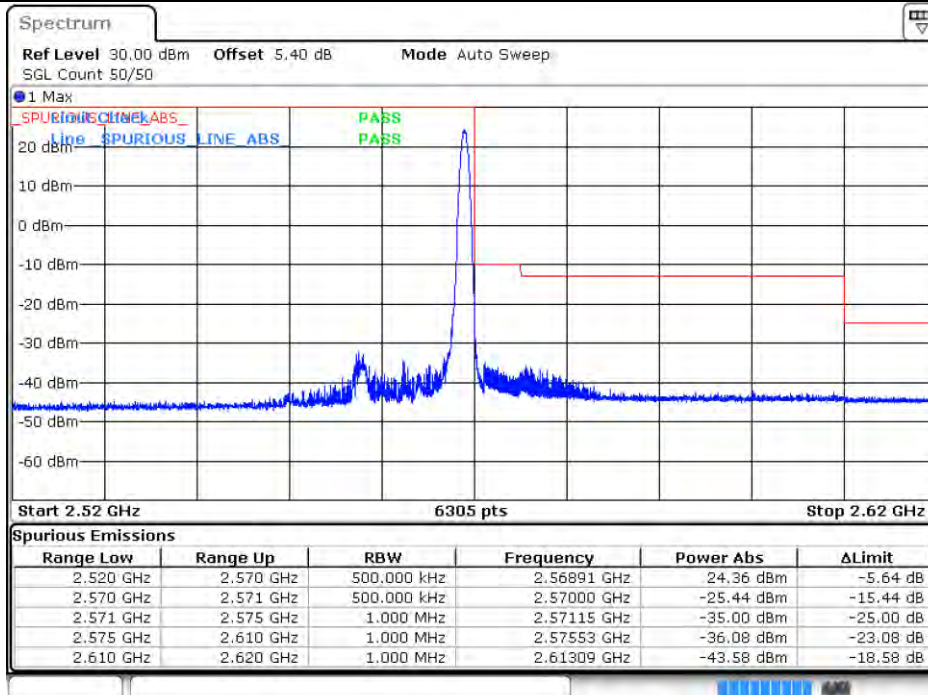
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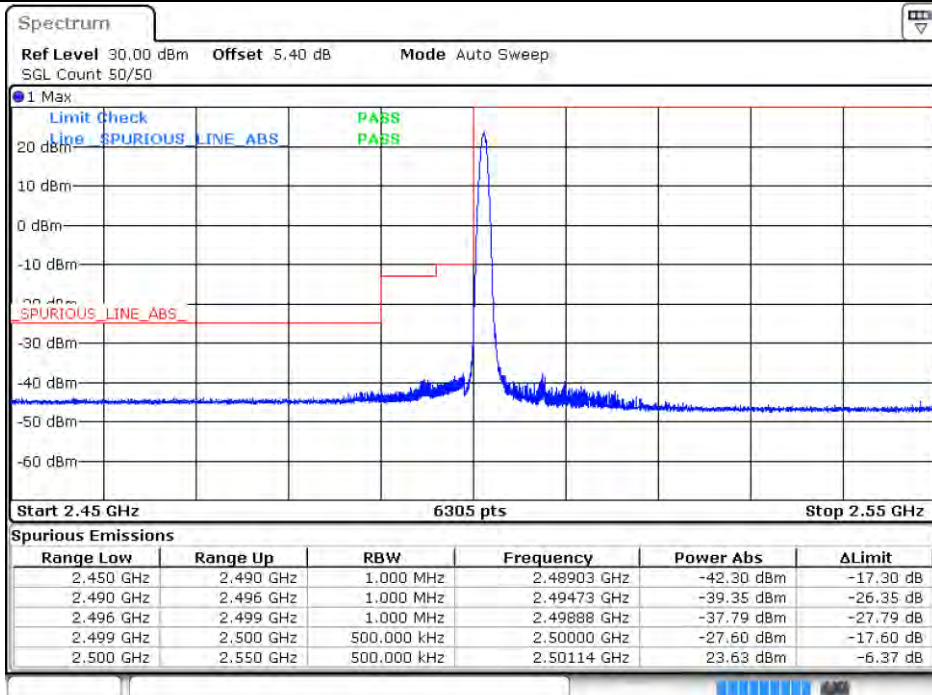
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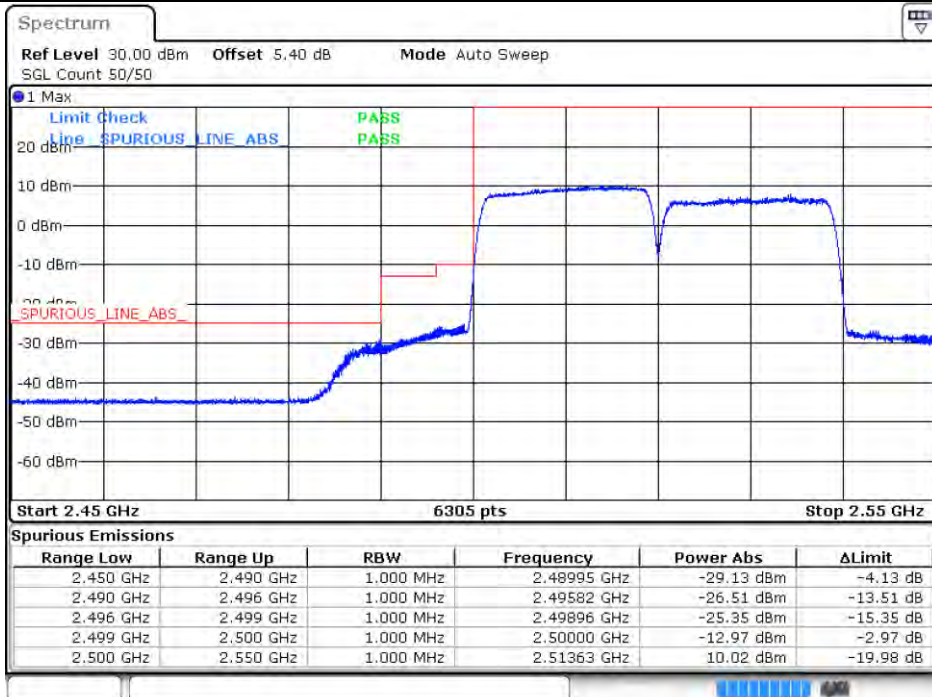
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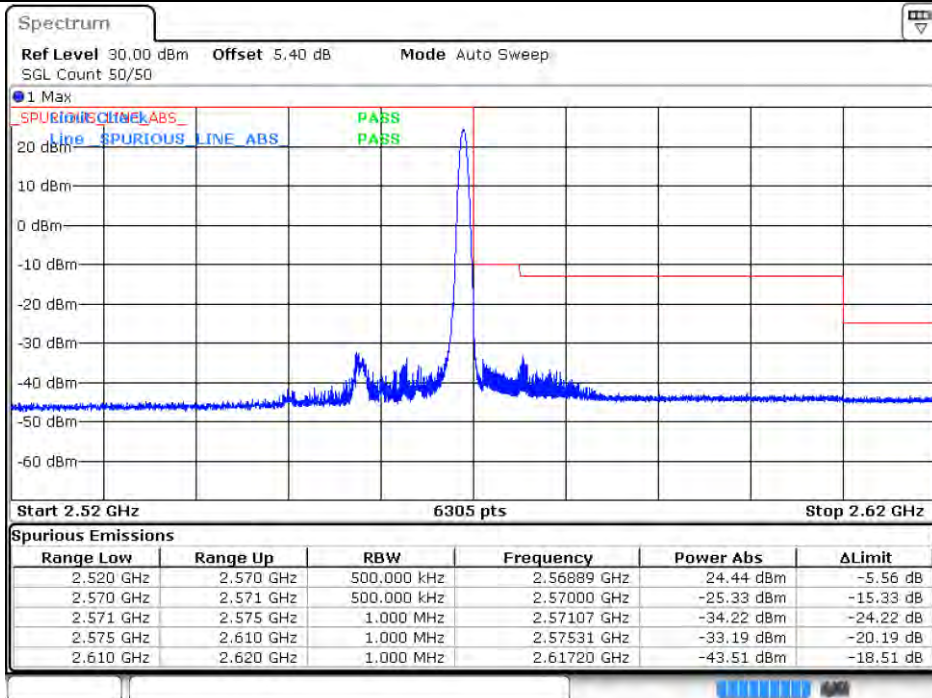


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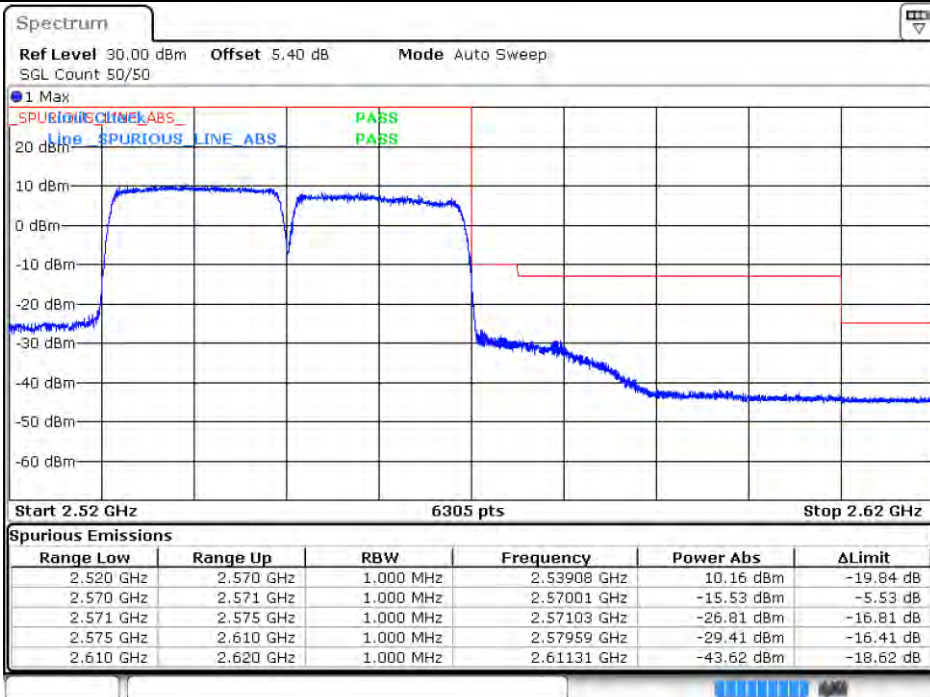


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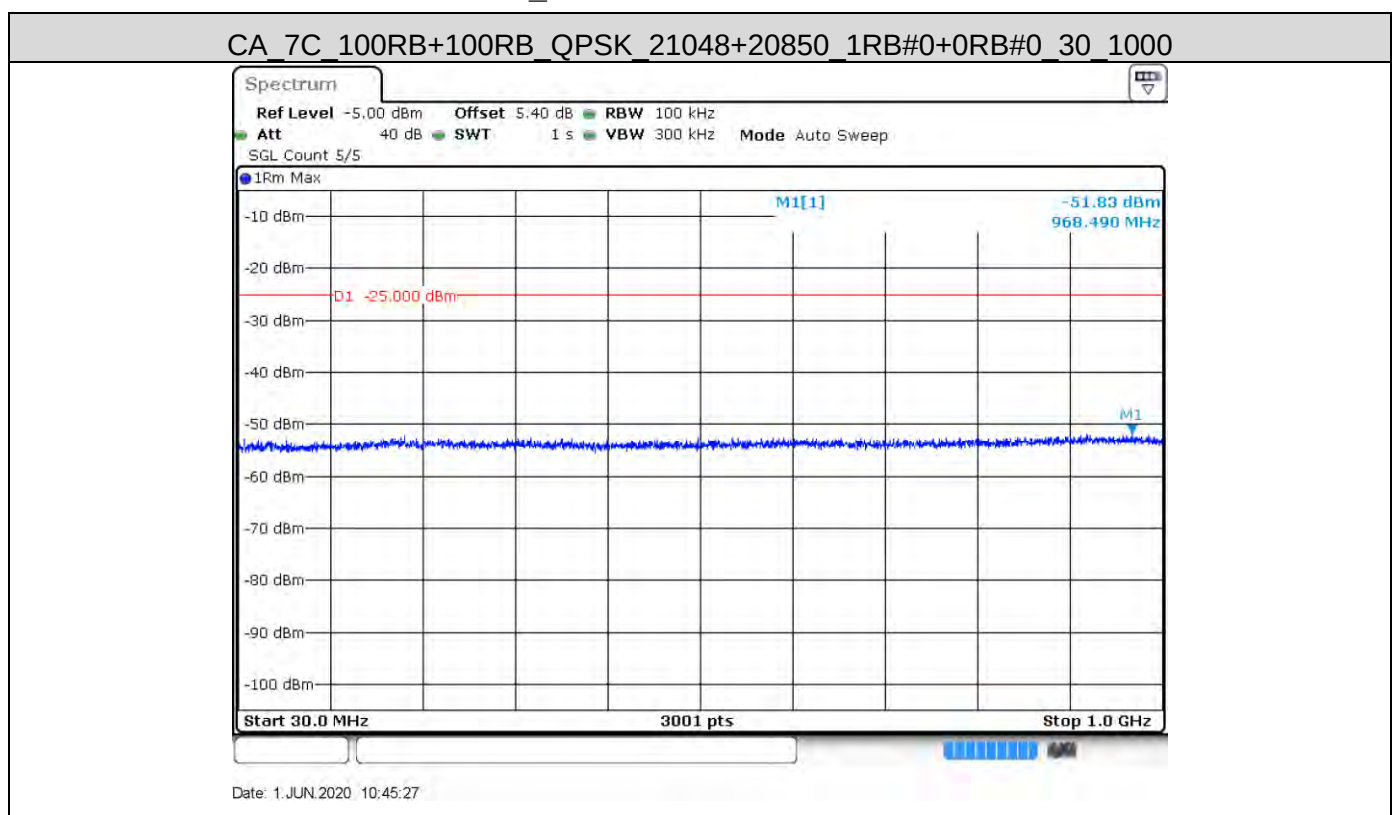
6. Spurious Emission at Antenna Terminal

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.

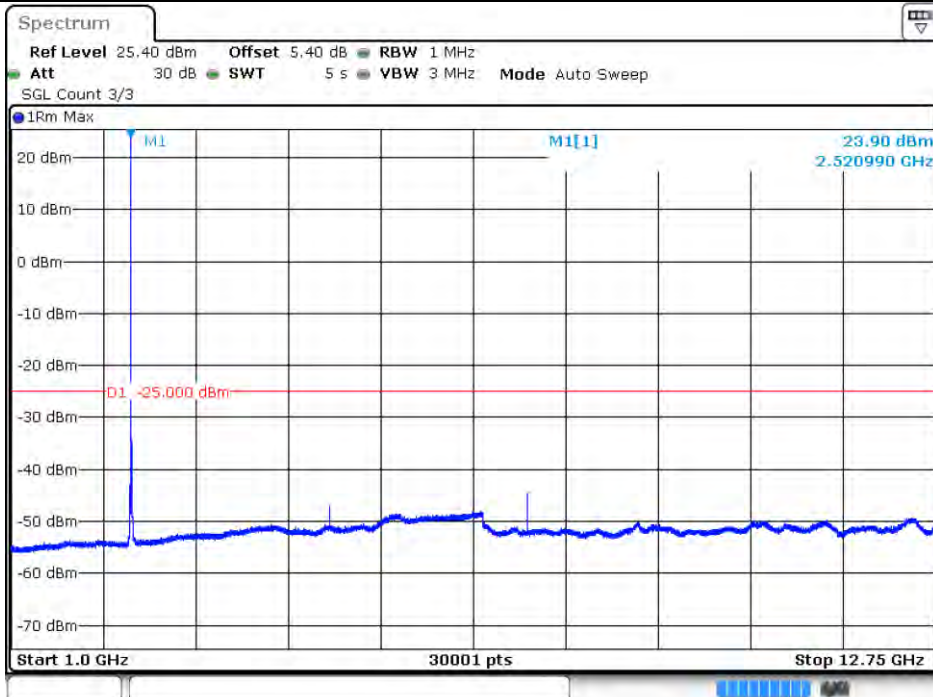
Part I - Test Plots

6.1. For LTE

1.1.5 Test Band = LTE Band CA_7C

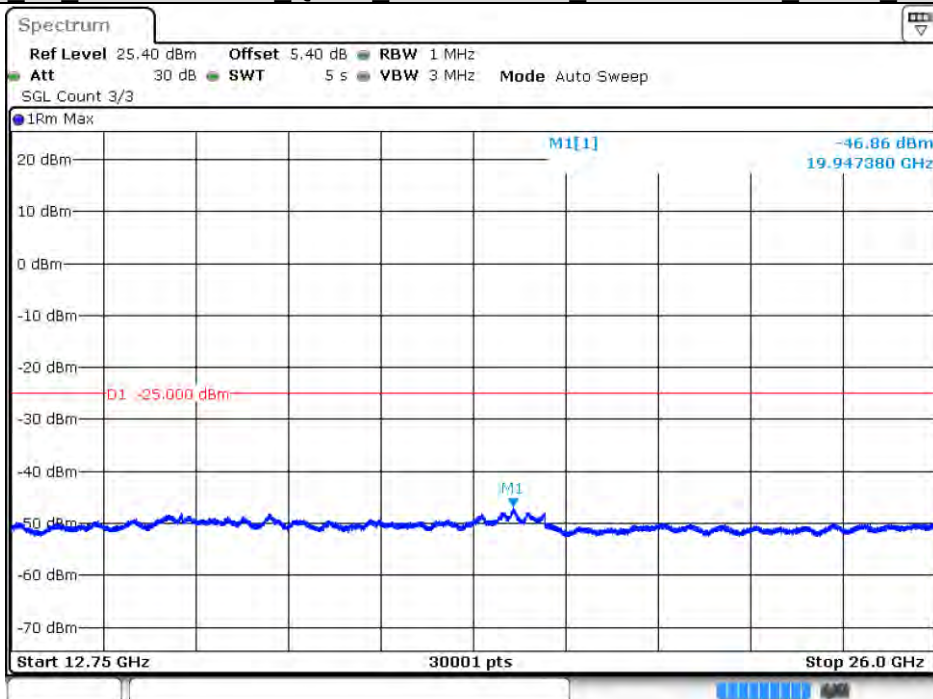


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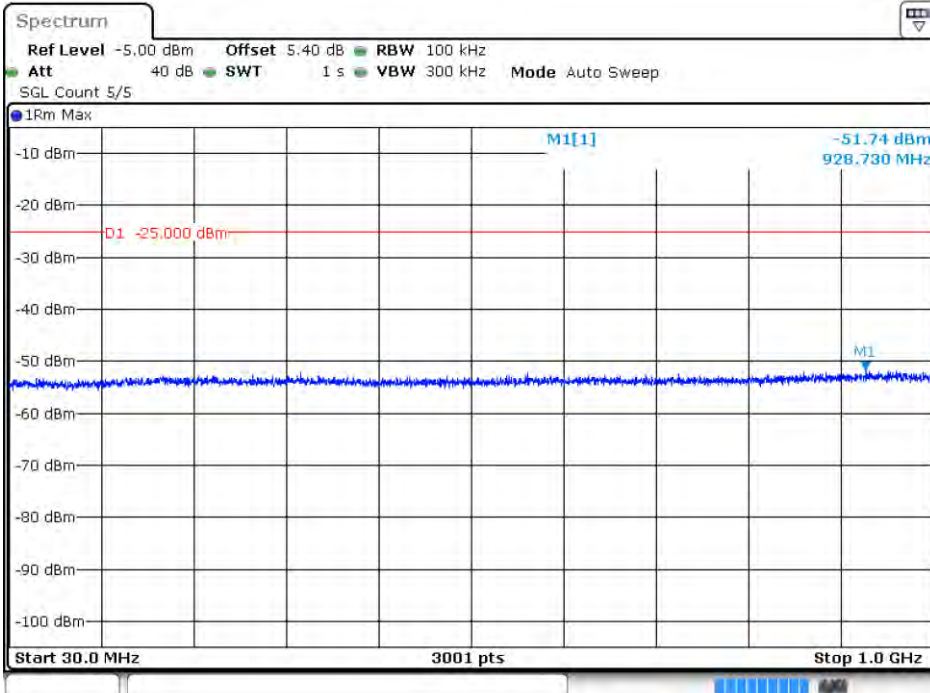
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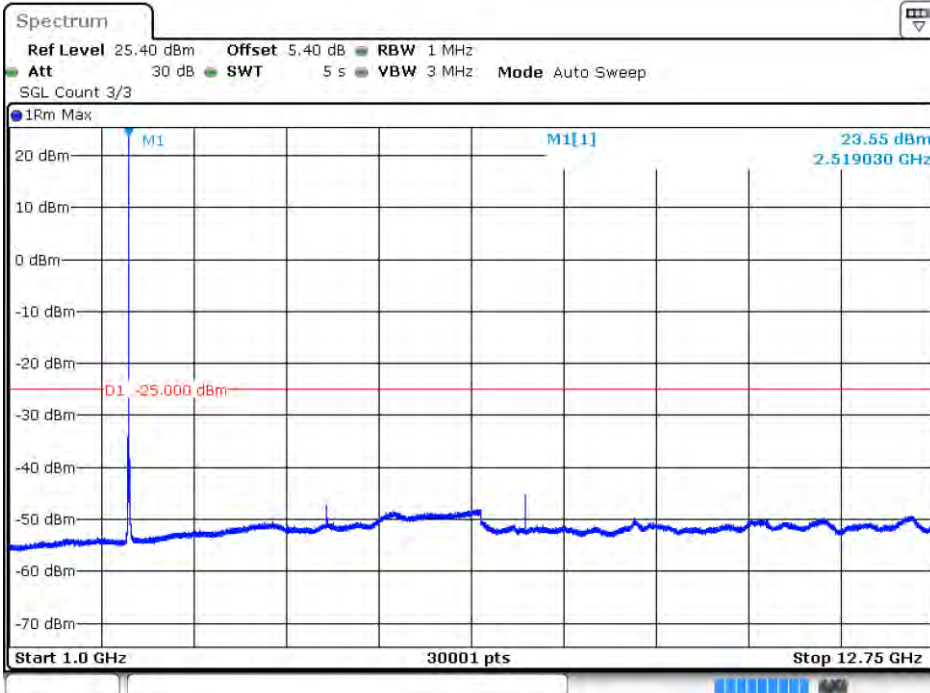
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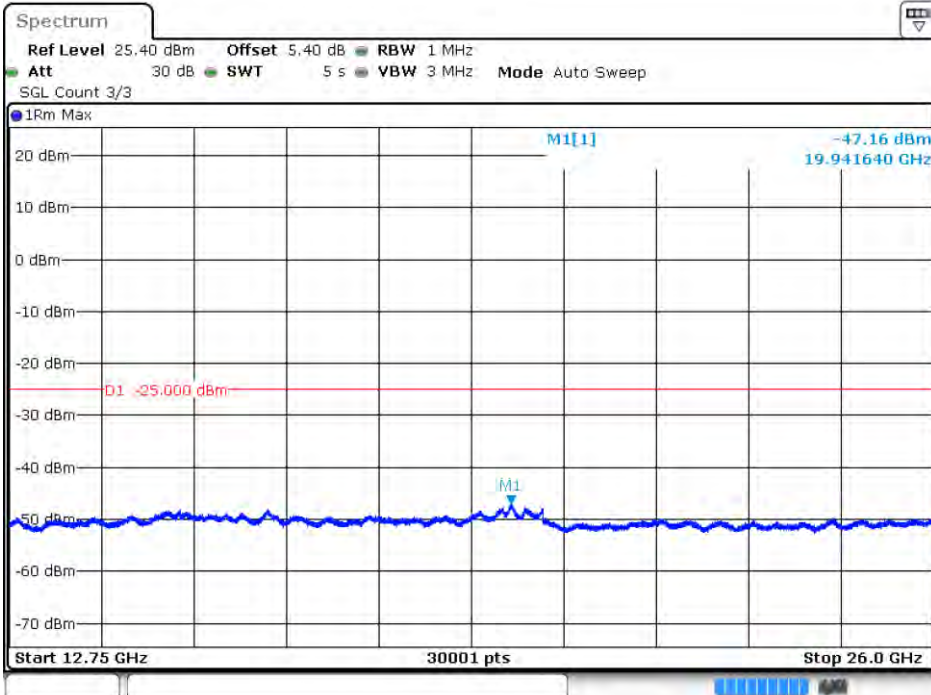


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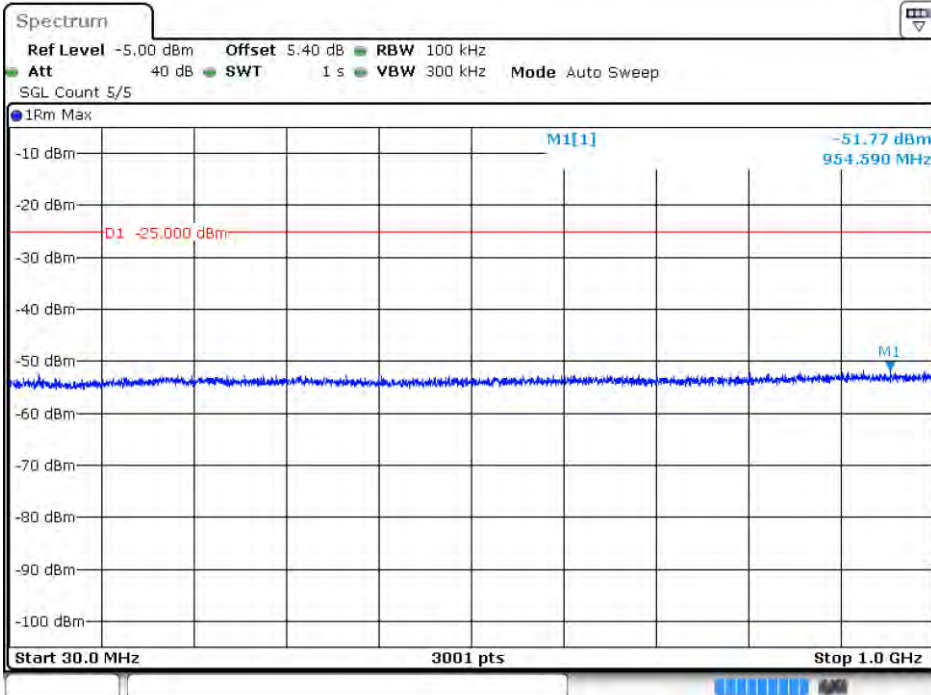
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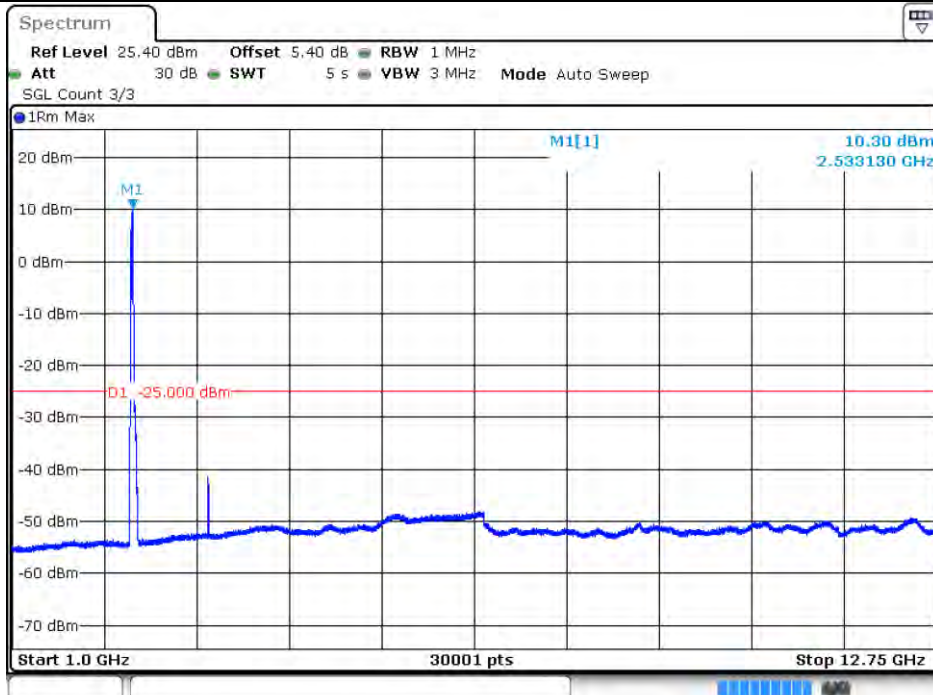
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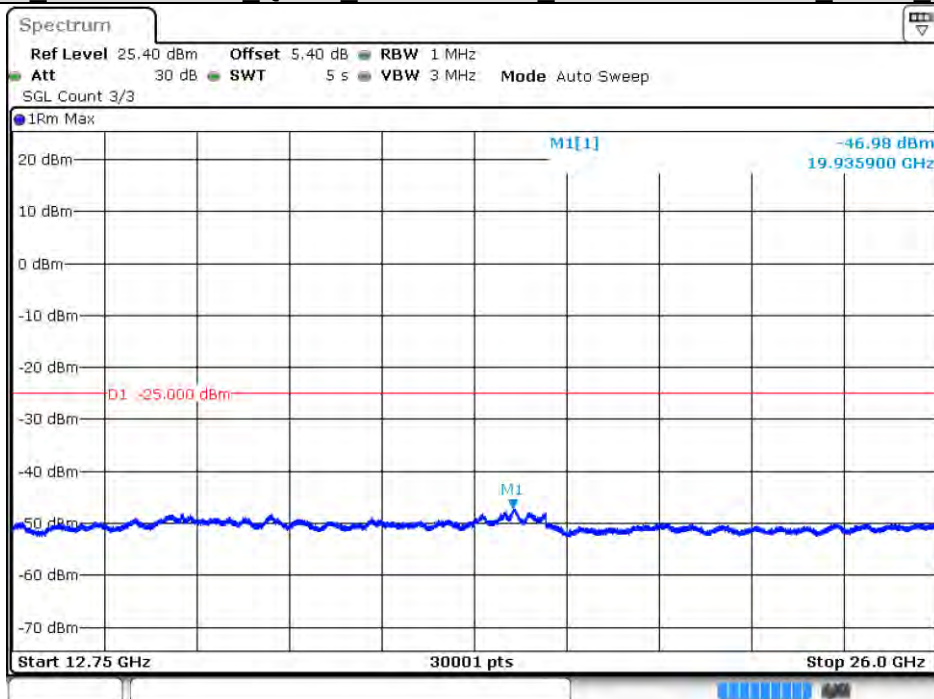
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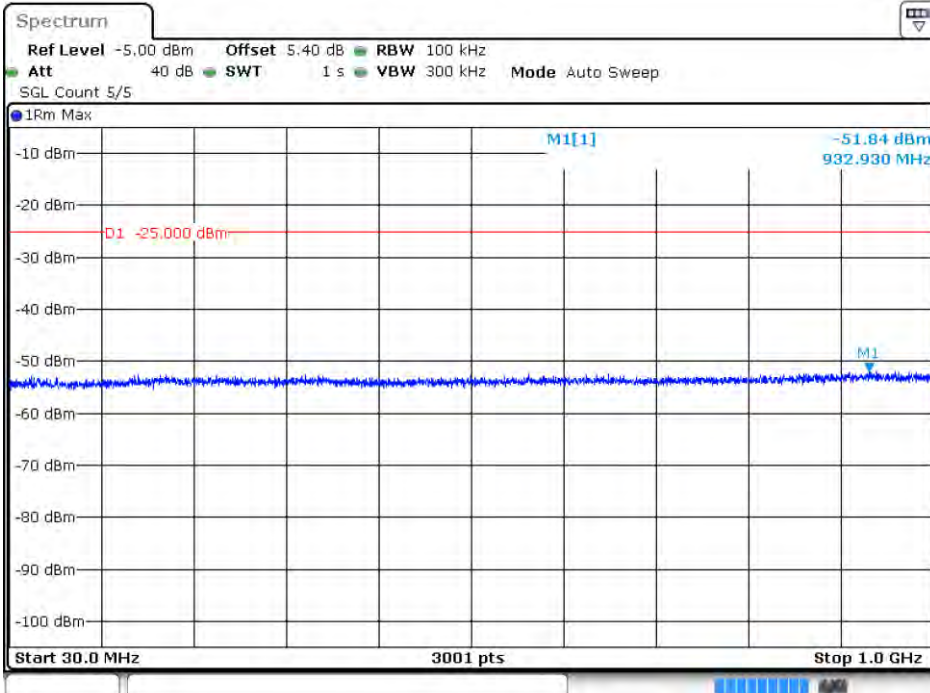
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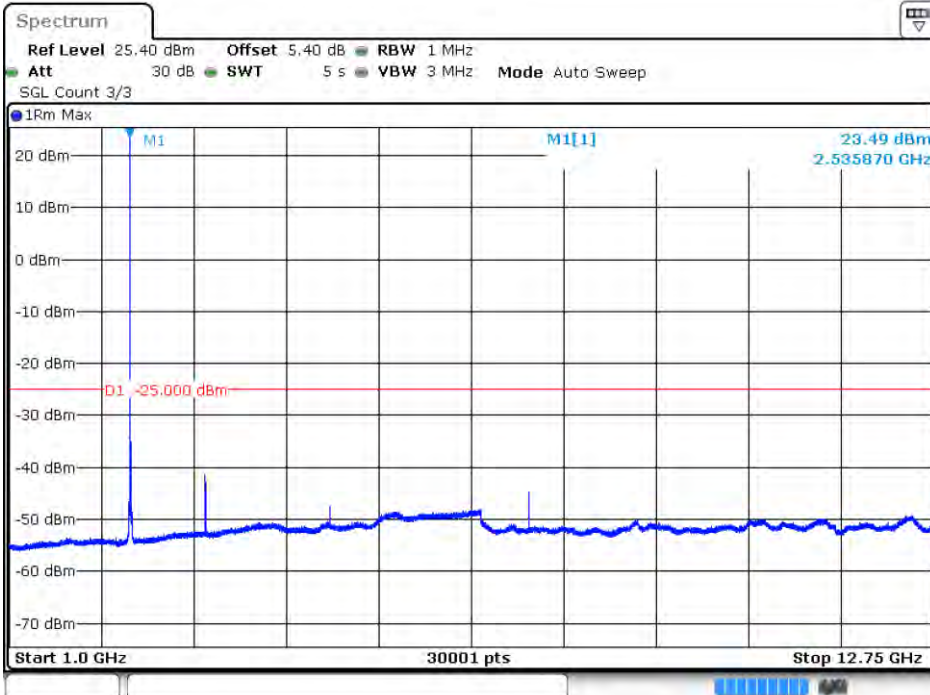
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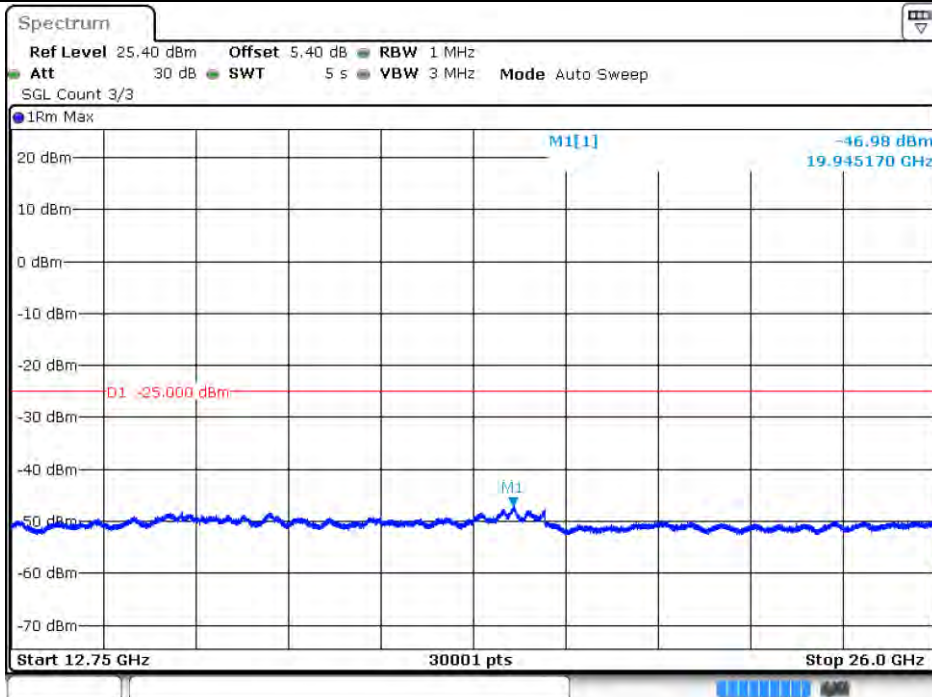
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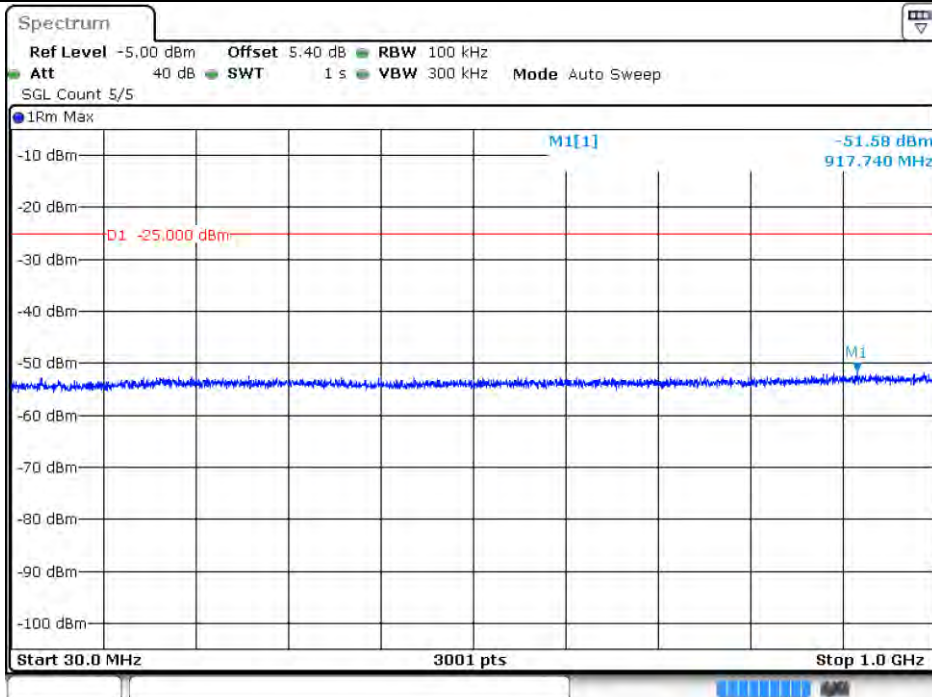
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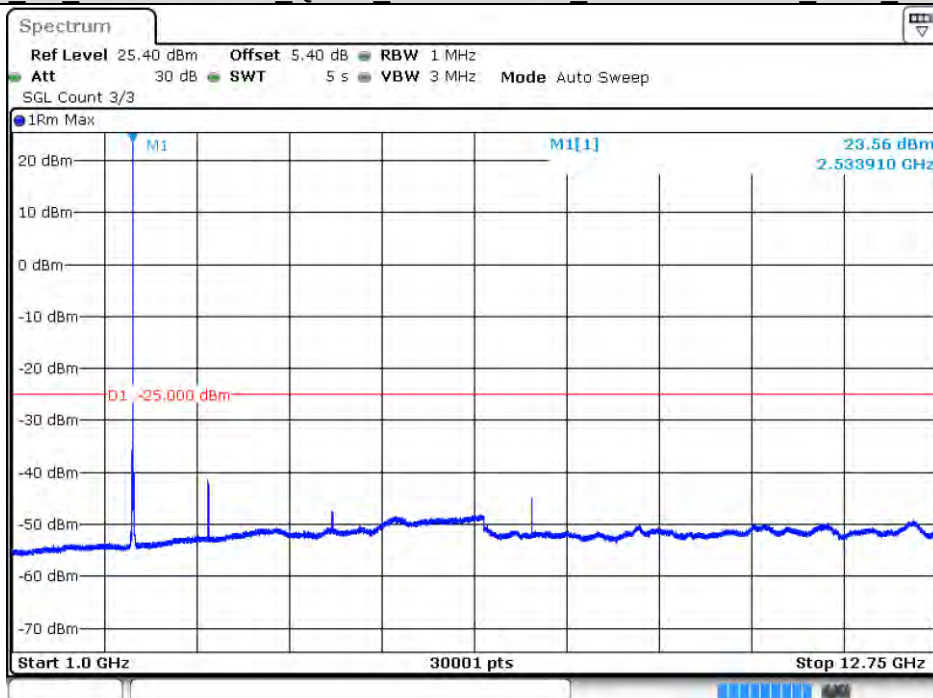
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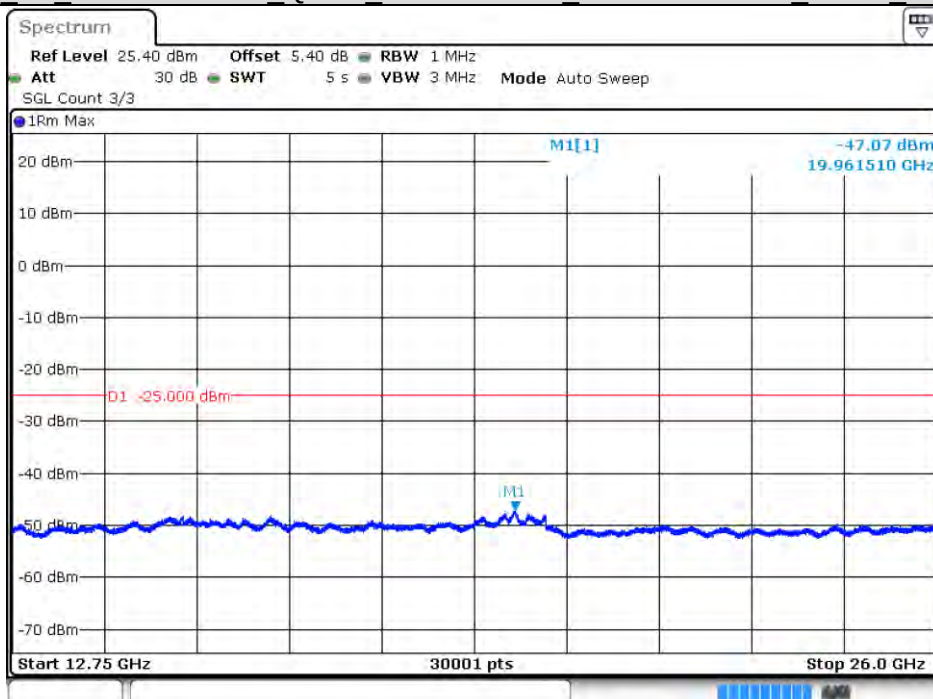
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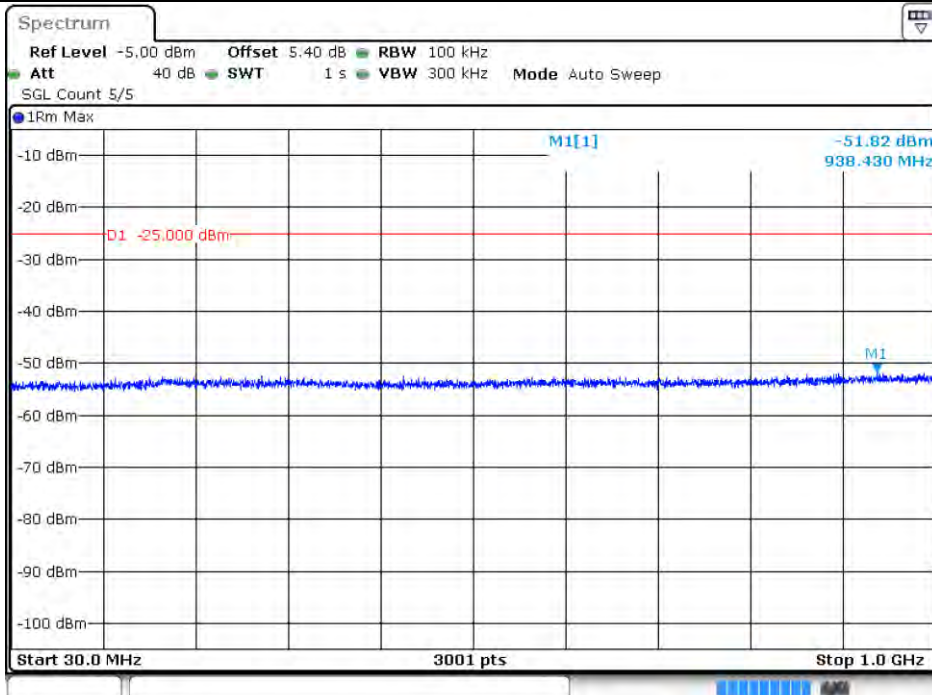
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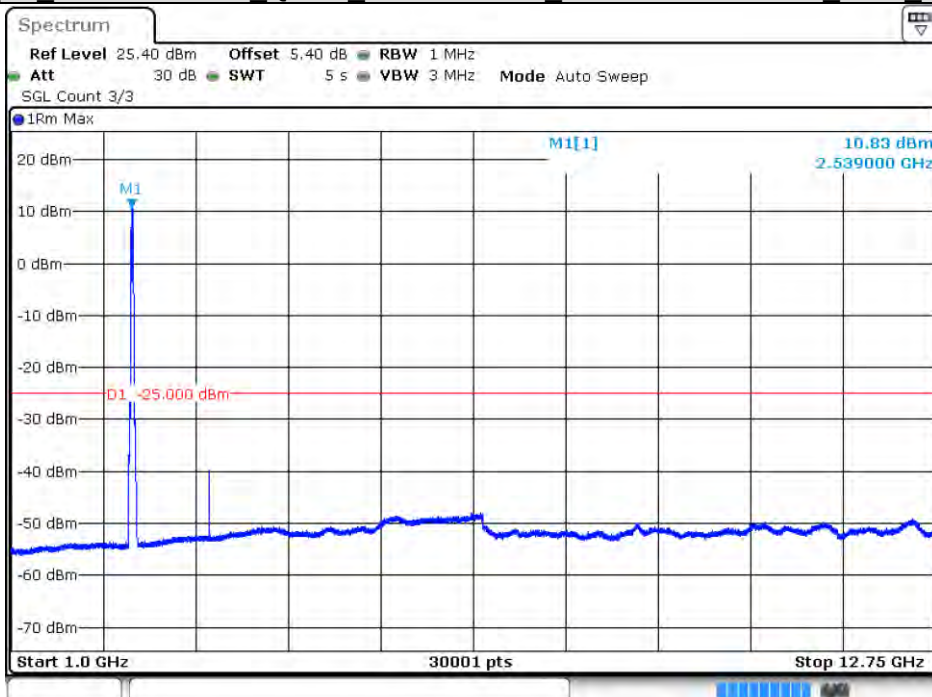
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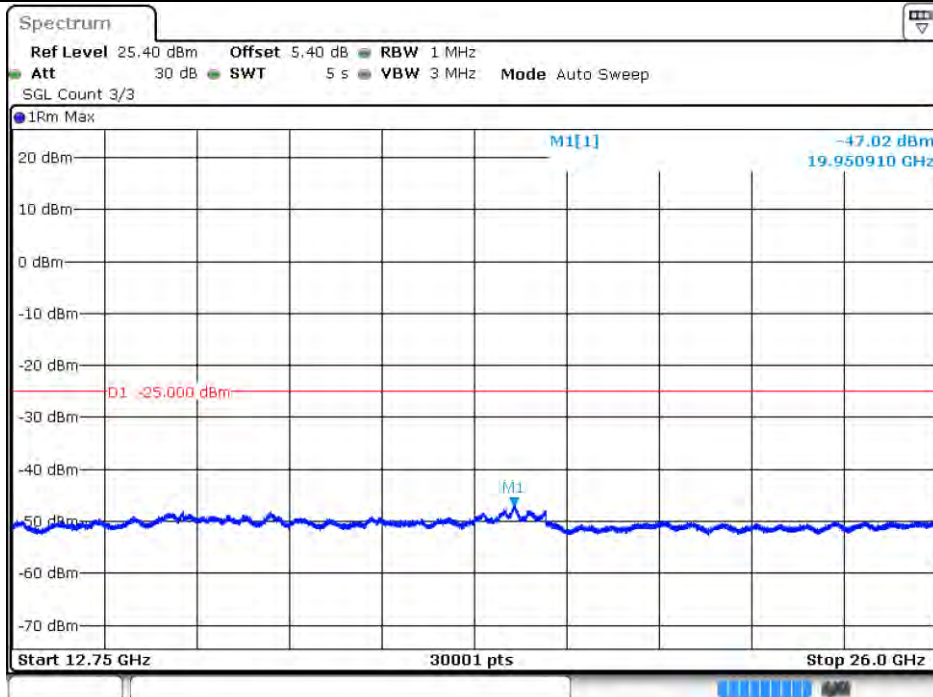


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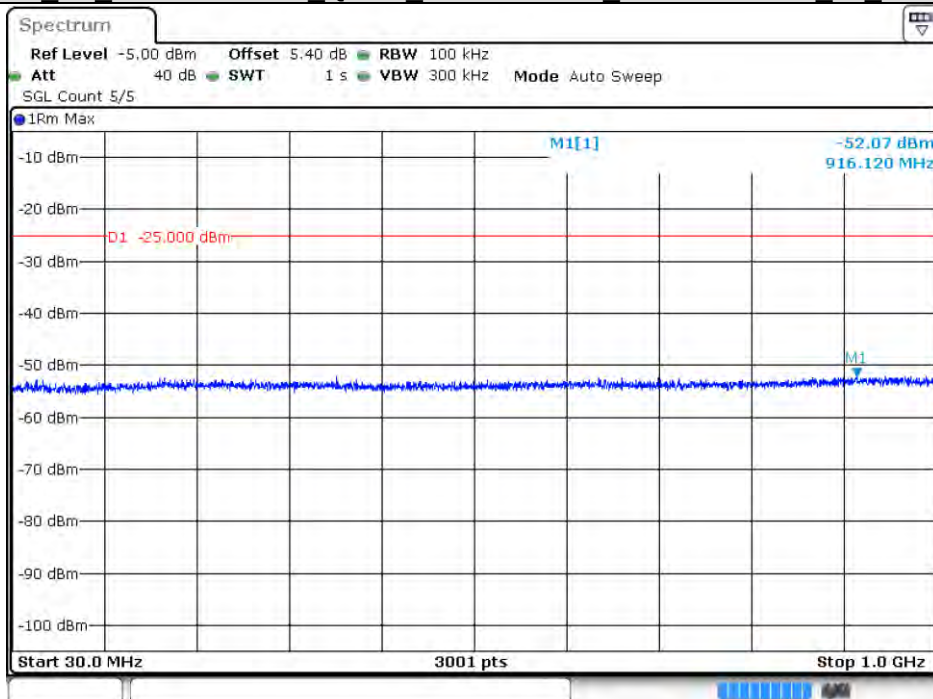
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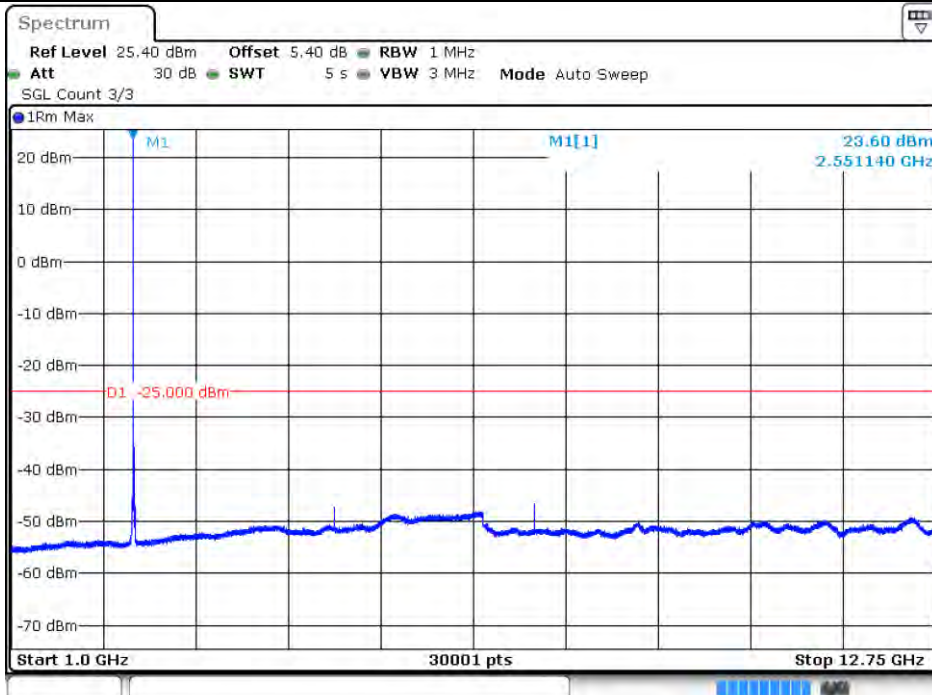
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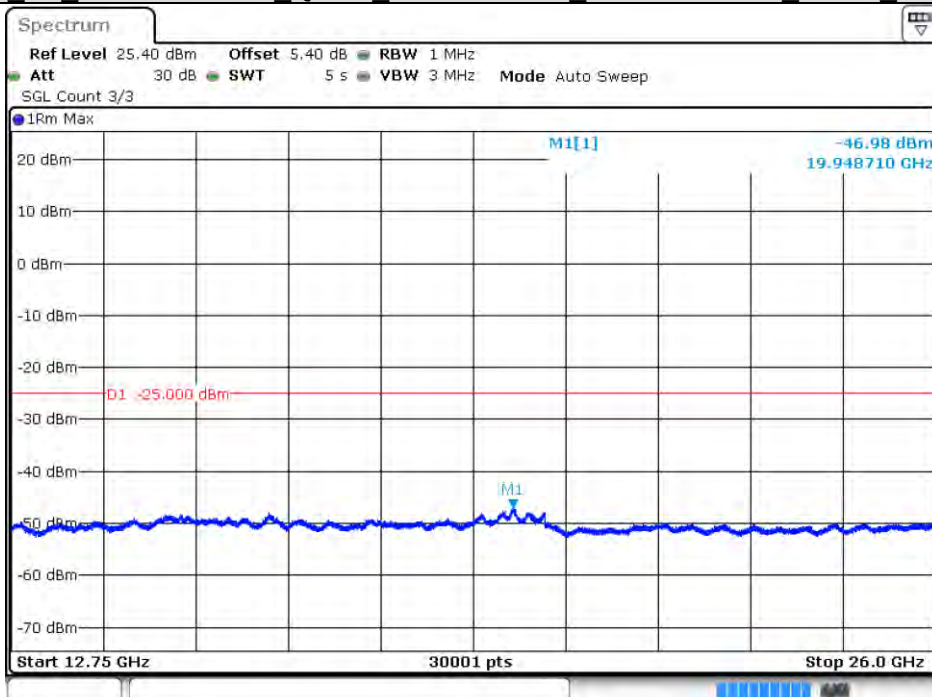
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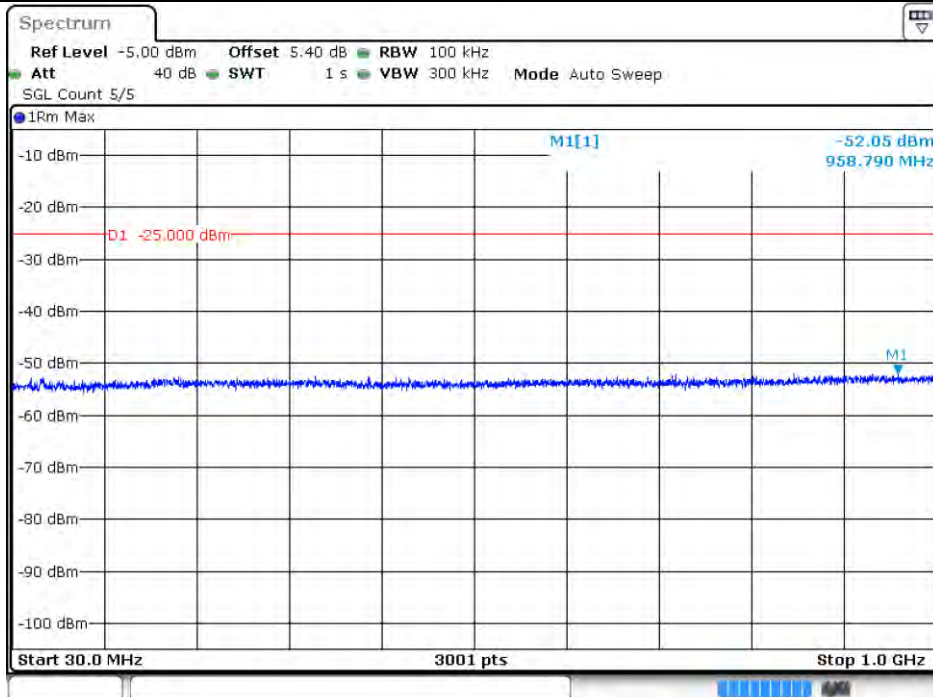


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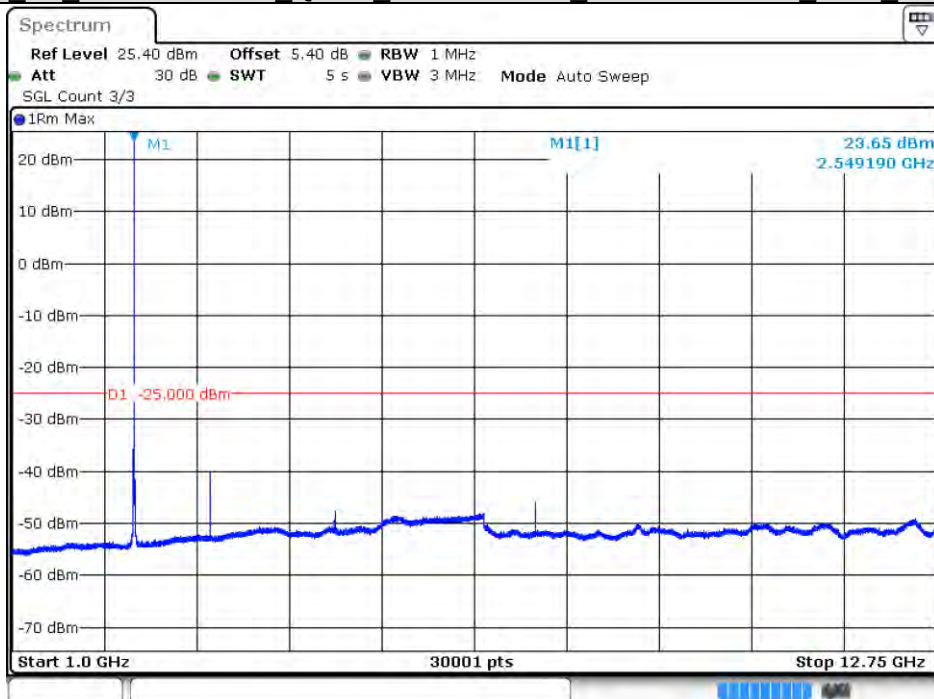
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CA 7C 100RB+100RB QPSK 21350+21152 0RB#0+1RB#99 30 1000



Date: 1 JUN 2020 10:47:30

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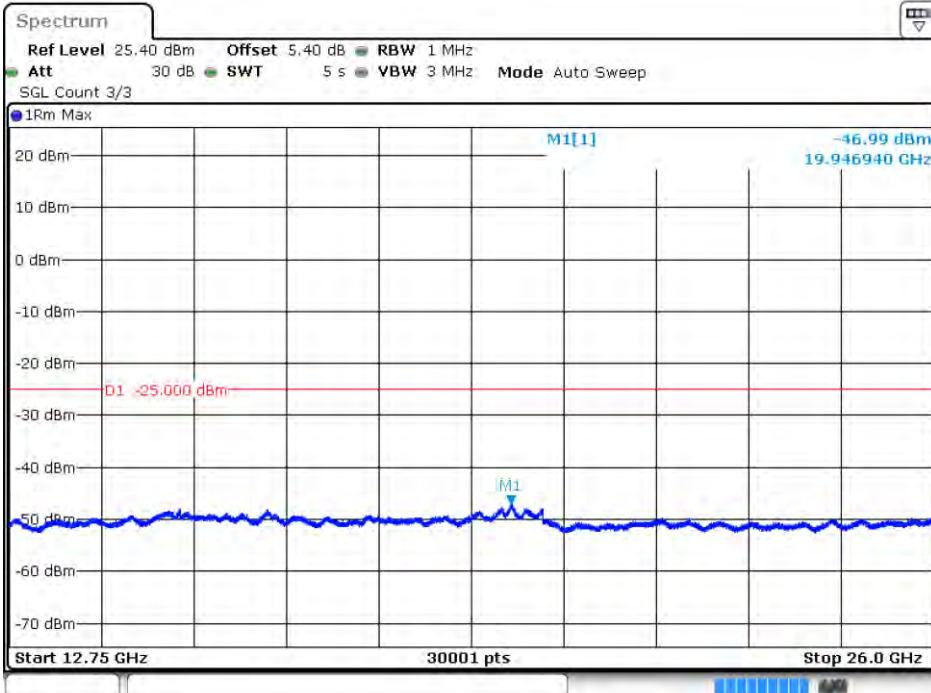


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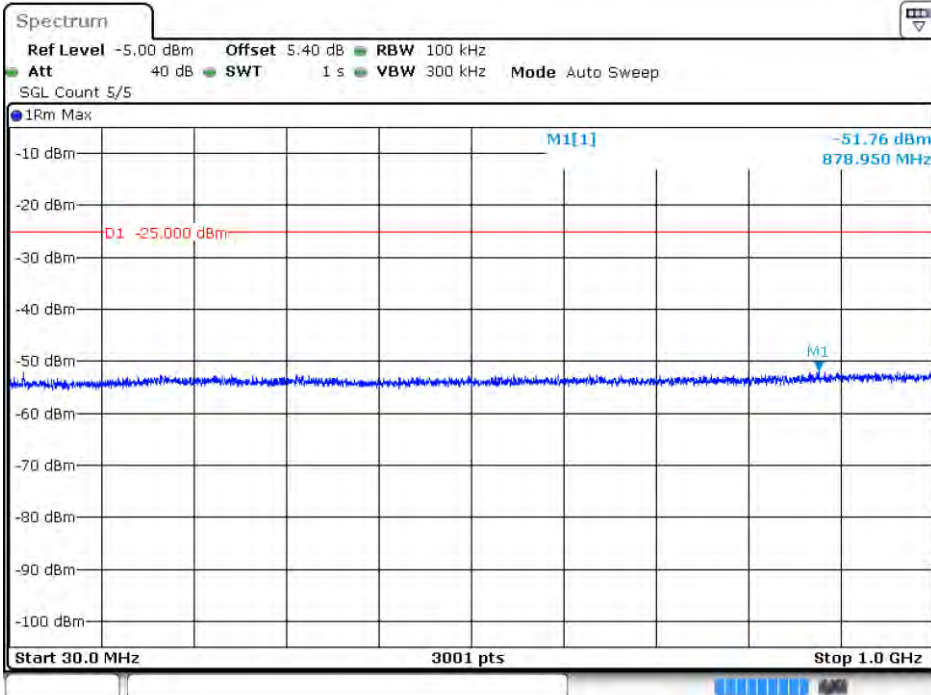
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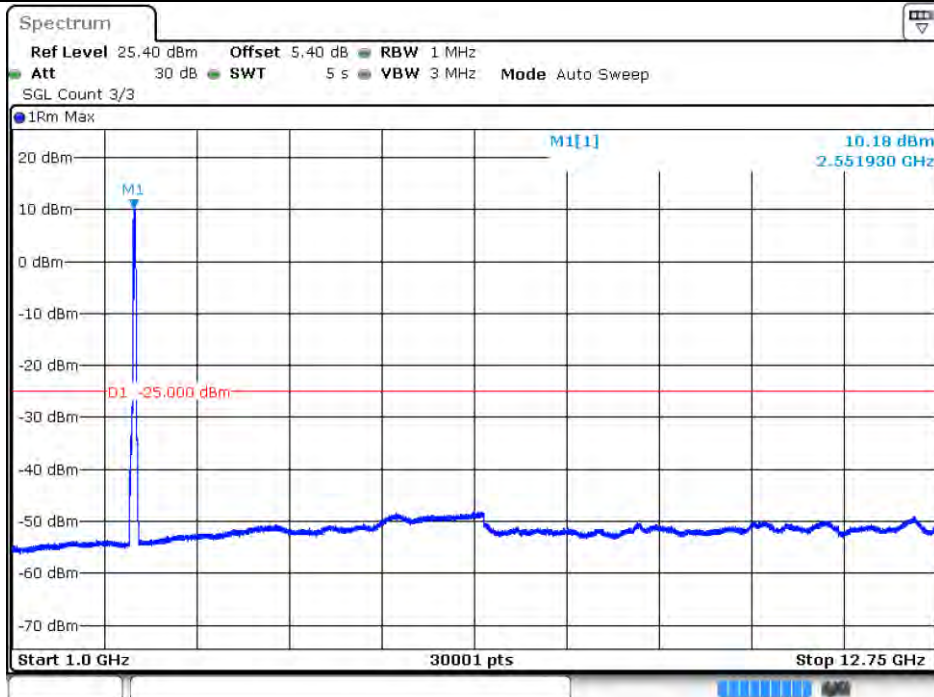


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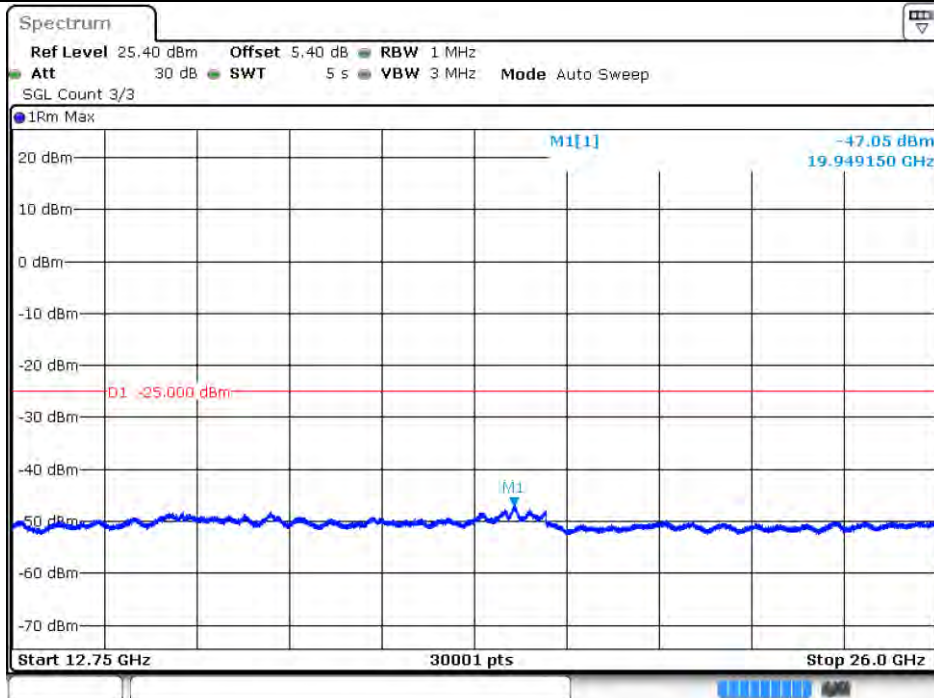
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CA 7C 100RB+100RB QPSK 21350+21152 100RB#0+100RB#0 1000 12750



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Date: 1.JUN.2020 10:53:30





7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band CA_7C (Down Ant)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.150000	-80.67	-36.00	44.67	175	308	Vertical
353.800000	-84.59	-36.00	48.59	250	142	Vertical
945.091667	-75.70	-36.00	39.70	240	181	Vertical
5017.600000	-65.34	-30.00	35.34	156	299	Vertical
7503.200000	-51.17	-30.00	21.17	174	310	Vertical
10004.075000	-62.71	-30.00	32.71	270	74	Vertical
56.650000	-75.81	-36.00	39.81	279	203	Horizontal
259.050000	-85.99	-36.00	49.99	286	271	Horizontal
949.537500	-75.48	-36.00	39.48	241	54	Horizontal
5001.675000	-65.04	-30.00	35.04	270	47	Horizontal
7503.525000	-61.63	-30.00	31.63	196	245	Horizontal
10004.400000	-61.67	-30.00	31.67	162	247	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
69.000000	-76.85	-36.00	40.85	247	207	Vertical
350.650000	-84.17	-36.00	48.17	236	190	Vertical
947.612500	-75.60	-36.00	39.60	226	56	Vertical
5032.550000	-58.19	-30.00	28.19	157	199	Vertical
7548.375000	-47.53	-30.00	17.53	247	24	Vertical
10064.525000	-61.74	-30.00	31.74	153	127	Vertical
63.100000	-75.64	-36.00	39.64	163	232	Horizontal
264.350000	-86.31	-36.00	50.31	224	86	Horizontal
934.916667	-75.08	-36.00	39.08	297	257	Horizontal
5032.225000	-63.49	-30.00	33.49	258	360	Horizontal
7548.375000	-60.33	-30.00	30.33	235	340	Horizontal
10064.850000	-62.09	-30.00	32.09	179	23	Horizontal





7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.650000	-80.25	-36.00	44.25	291	276	Vertical
337.000000	-85.12	-36.00	49.12	261	28	Vertical
949.583333	-75.54	-36.00	39.54	156	85	Vertical
5062.450000	-62.23	-30.00	32.23	300	69	Vertical
7593.875000	-48.42	-30.00	18.42	203	276	Vertical
10125.300000	-62.94	-30.00	32.94	279	78	Vertical
55.650000	-75.87	-36.00	39.87	173	240	Horizontal
266.650000	-86.15	-36.00	50.15	269	240	Horizontal
959.437500	-75.38	-36.00	39.38	159	66	Horizontal
5038.400000	-65.12	-30.00	35.12	228	131	Horizontal
7593.875000	-60.14	-30.00	30.14	189	124	Horizontal
10125.300000	-62.47	-30.00	32.47	203	324	Horizontal

7.2. Test Mode =LTE/TM1 20MHz(Up Antenna)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.100000	-80.23	-36.00	44.23	186	57	Vertical
360.250000	-84.24	-36.00	48.24	254	347	Vertical
936.108333	-75.77	-36.00	39.77	170	220	Vertical
5044.900000	-65.53	-30.00	35.53	174	95	Vertical
7498.975000	-63.15	-30.00	33.15	173	359	Vertical
10004.075000	-61.77	-30.00	31.77	255	58	Vertical
62.250000	-76.68	-36.00	40.68	287	200	Horizontal
272.200000	-85.94	-36.00	49.94	252	107	Horizontal
959.575000	-75.03	-36.00	39.03	175	345	Horizontal
5005.575000	-65.52	-30.00	35.52	207	185	Horizontal
7502.875000	-63.48	-30.00	33.48	273	305	Horizontal
10004.400000	-61.91	-30.00	31.91	293	33	Horizontal





7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.850000	-78.09	-36.00	42.09	297	17	Vertical
359.350000	-80.11	-36.00	44.11	258	323	Vertical
960.216667	-75.73	-36.00	39.73	266	80	Vertical
5106.325000	-65.19	-30.00	35.19	246	310	Vertical
7548.375000	-62.07	-30.00	32.07	297	279	Vertical
10064.850000	-60.40	-30.00	30.40	177	186	Vertical
62.800000	-76.65	-36.00	40.65	179	217	Horizontal
267.350000	-85.44	-36.00	49.44	215	339	Horizontal
939.270833	-75.67	-36.00	39.67	188	204	Horizontal
5079.350000	-65.63	-30.00	35.63	248	291	Horizontal
7548.375000	-63.36	-30.00	33.36	178	136	Horizontal
10064.850000	-60.74	-30.00	30.74	247	22	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.900000	-80.07	-36.00	44.07	285	81	Vertical
346.150000	-84.49	-36.00	48.49	214	283	Vertical
913.145833	-76.59	-36.00	40.59	187	56	Vertical
5039.700000	-65.35	-30.00	35.35	164	33	Vertical
7594.200000	-63.31	-30.00	33.31	300	183	Vertical
10125.300000	-62.25	-30.00	32.25	281	46	Vertical
56.300000	-75.88	-36.00	39.88	213	199	Horizontal
267.300000	-85.26	-36.00	49.26	206	313	Horizontal
950.775000	-75.33	-36.00	39.33	192	349	Horizontal
5077.725000	-65.28	-30.00	35.28	168	299	Horizontal
7672.850000	-63.30	-30.00	33.30	152	337	Horizontal
10124.975000	-61.93	-30.00	31.93	176	299	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



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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	3.51	0.001392	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	TN	NV	5.23	0.002060	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	TN	NV	12.51	0.004947	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	TN	NV	-0.27	-0.000108	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	TN	NV	10.04	0.003922	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	TN	NV	-6.38	-0.002546	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	TN	NV	5.07	0.002008	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	TN	NV	14.96	0.005889	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	TN	NV	13.24	0.005234	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	TN	NV	6.41	0.002518	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	TN	NV	-12.75	-0.004981	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	TN	NV	-8.34	-0.003327	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	TN	NV	-9.09	-0.003599	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	TN	NV	-7.53	-0.002963	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	TN	NV	-2.05	-0.000810	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	TN	NV	-14.36	-0.005644	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	TN	NV	-2.09	-0.000816	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	-10.54	-0.004207	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-20	9.30	0.003714	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-10	8.00	0.003193	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	0	14.16	0.005652	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	10	12.60	0.005027	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	20	9.68	0.003864	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	30	1.72	0.000685	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	40	-12.13	-0.004843	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	50	5.70	0.002273	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-30	-14.14	-0.005599	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-20	-0.78	-0.000310	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-10	4.76	0.001885	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	0	-9.03	-0.003575	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	10	-7.72	-0.003057	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	20	-6.73	-0.002665	PASS



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CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	30	7.77	0.003077	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	40	-11.42	-0.004523	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	50	-14.35	-0.005682	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-30	-9.26	-0.003646	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-20	7.13	0.002807	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-10	9.81	0.003862	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	0	13.85	0.005454	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	10	-9.84	-0.003872	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	20	6.97	0.002742	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	30	-7.62	-0.002999	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	40	9.06	0.003566	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	50	-13.45	-0.005295	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-30	6.86	0.002712	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-20	-3.92	-0.001550	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-10	-5.40	-0.002136	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	0	-3.96	-0.001565	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	10	-6.86	-0.002712	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	20	-13.21	-0.005222	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	30	-6.95	-0.002746	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	40	11.17	0.004417	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	50	-10.59	-0.004184	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-30	10.95	0.004303	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-20	-0.67	-0.000263	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-10	-12.78	-0.005020	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	0	-8.58	-0.003370	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	10	1.59	0.000624	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	20	9.24	0.003632	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	30	12.21	0.004797	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	40	-2.03	-0.000798	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	50	8.60	0.003379	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-30	5.68	0.002220	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-20	9.45	0.003691	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-10	-1.71	-0.000670	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	0	12.18	0.004757	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	10	-12.06	-0.004711	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	20	-7.03	-0.002747	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	30	-14.55	-0.005685	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	40	-10.51	-0.004104	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	50	10.69	0.004174	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-30	2.10	0.000836	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-20	-10.36	-0.004135	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-10	5.82	0.002323	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	0	-3.57	-0.001424	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	10	7.61	0.003039	PASS



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CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	20	8.60	0.003431	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	30	-12.62	-0.005036	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	40	0.27	0.000107	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	50	0.42	0.000169	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-30	-10.37	-0.004108	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-20	2.26	0.000897	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-10	5.21	0.002063	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	0	10.12	0.004009	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	10	7.02	0.002780	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	20	-3.86	-0.001527	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	30	-3.48	-0.001377	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	40	1.72	0.000680	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	50	10.81	0.004281	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-30	-5.63	-0.002215	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-20	13.83	0.005445	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-10	1.85	0.000727	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	0	-3.10	-0.001220	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	10	-14.14	-0.005565	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	20	-2.80	-0.001102	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	30	-8.28	-0.003261	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	40	12.14	0.004778	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	50	-0.78	-0.000305	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-30	12.13	0.004793	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-20	8.41	0.003325	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-10	8.86	0.003503	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	0	-11.25	-0.004448	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	10	3.85	0.001523	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	20	8.47	0.003347	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	30	7.58	0.002996	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	40	7.36	0.002911	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	50	6.93	0.002738	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-30	7.99	0.003141	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-20	-6.35	-0.002494	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-10	10.37	0.004073	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	0	6.54	0.002571	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	10	-11.24	-0.004417	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	20	7.43	0.002918	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	30	-5.98	-0.002350	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	40	6.37	0.002503	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	50	-10.14	-0.003983	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-30	-5.09	-0.001989	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-20	-3.54	-0.001385	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-10	13.86	0.005415	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	0	3.55	0.001388	PASS



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CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	10	1.17	0.000458	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	20	-1.79	-0.000698	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	30	1.67	0.000654	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	40	-11.52	-0.004499	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	50	5.85	0.002285	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-30	-11.17	-0.004459	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-20	5.86	0.002338	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	-10	-2.11	-0.000840	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	0	-14.16	-0.005650	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	10	6.13	0.002447	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	20	-8.14	-0.003250	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	30	5.29	0.002113	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	40	6.99	0.002791	PASS
CA_7C	64QAM	20850-21048	100RB#0/100RB#0	NV	50	-0.78	-0.000310	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-30	7.06	0.002798	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-20	-13.48	-0.005337	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	-10	2.85	0.001128	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	0	8.15	0.003226	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	10	3.60	0.001428	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	20	10.67	0.004224	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	30	6.84	0.002710	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	40	11.25	0.004457	PASS
CA_7C	64QAM	21001-21199	100RB#0/100RB#0	NV	50	6.67	0.002643	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-30	-3.29	-0.001295	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-20	2.36	0.000928	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	-10	-5.01	-0.001971	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	0	13.03	0.005129	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	10	3.72	0.001466	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	20	0.65	0.000256	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	30	13.73	0.005407	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	40	-11.08	-0.004360	PASS
CA_7C	64QAM	21152-21350	100RB#0/100RB#0	NV	50	2.90	0.001143	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-30	11.00	0.004349	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-20	11.31	0.004470	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	-10	-6.96	-0.002751	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	0	-3.51	-0.001389	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	10	3.51	0.001386	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	20	-7.13	-0.002819	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	30	-8.36	-0.003306	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	40	-7.62	-0.003012	PASS
CA_7C	64QAM	21048-20850	100RB#0/100RB#0	NV	50	10.34	0.004087	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-30	5.91	0.002321	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-20	-3.65	-0.001436	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	-10	-13.61	-0.005349	PASS



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CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	0	-10.52	-0.004134	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	10	3.26	0.001283	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	20	9.56	0.003756	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	30	-7.45	-0.002927	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	40	12.75	0.005010	PASS
CA_7C	64QAM	21199-21001	100RB#0/100RB#0	NV	50	-7.15	-0.002808	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-30	6.43	0.002511	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-20	-13.90	-0.005432	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	-10	5.39	0.002107	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	0	-14.41	-0.005630	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	10	7.59	0.002966	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	20	6.31	0.002465	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	30	6.59	0.002574	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	40	-14.96	-0.005843	PASS
CA_7C	64QAM	21350-21152	100RB#0/100RB#0	NV	50	-5.31	-0.002075	PASS

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