



# Appendix B

## E-UTRA Band CA\_7C



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# 1 Effective (Isotropic) Radiated Power Output Data

## 1.1 Max Power Test Result for LTE Band CA\_7C(ANT1)

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	QPSK	22.68	22.28	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	22.21	21.81	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	22.27	21.87	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	22.51	22.11	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	22.62	22.22	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	22.44	22.04	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	22.75	22.35	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	22.74	22.34	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	22.25	21.85	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	22.57	22.17	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	22.39	21.99	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	22.52	22.12	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	22.58	22.18	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	22.54	22.14	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	22.77	22.37	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	22.93	22.53	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	22.27	21.87	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	22.75	22.35	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	22.23	21.83	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	22.69	22.29	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	22.67	22.27	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	22.78	22.38	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	23.03	22.63	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	22.85	22.45	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	22.89	22.49	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	22.94	22.54	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	22.23	21.83	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	22.66	22.26	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	22.68	22.28	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	22.44	22.04	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	22.89	22.49	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	22.32	21.92	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	22.87	22.47	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	22.60	22.2	33.00	PASS



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CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	22.88	22.48	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	22.06	21.66	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	21.66	21.26	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	22.10	21.7	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	22.31	21.91	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	22.15	21.75	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	21.70	21.3	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	21.97	21.57	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	21.52	21.12	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	21.75	21.35	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	21.30	20.9	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	21.74	21.34	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	21.84	21.44	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	22.20	21.8	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	21.39	20.99	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	21.78	21.38	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	21.87	21.47	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	21.50	21.1	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	21.64	21.24	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	21.89	21.49	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	21.97	21.57	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	21.77	21.37	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	22.21	21.81	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	22.00	21.6	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	22.14	21.74	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	21.49	21.09	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	22.17	21.77	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	21.48	21.08	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	22.17	21.77	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	21.73	21.33	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	22.39	21.99	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	22.06	21.66	33.00	PASS



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**1.2 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	21.41	20.01	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	QPSK	21.12	19.72	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	QPSK	21.18	19.78	33.00	PASS
CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	QPSK	21.12	19.72	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	QPSK	21.49	20.09	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	QPSK	21.55	20.15	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	QPSK	21.35	19.95	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	QPSK	21.29	19.89	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	QPSK	21.29	19.89	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	QPSK	21.4	20	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	QPSK	21.18	19.78	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	QPSK	21.53	20.13	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	QPSK	21.34	19.94	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	QPSK	21.35	19.95	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	QPSK	21.25	19.85	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	QPSK	21.32	19.92	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	QPSK	20.96	19.56	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	QPSK	21.45	20.05	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	QPSK	21.42	20.02	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	QPSK	21.13	19.73	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	QPSK	21.64	20.24	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	QPSK	21.32	19.92	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	QPSK	21.24	19.84	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	QPSK	21.25	19.85	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	QPSK	21.12	19.72	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	QPSK	21.17	19.77	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	QPSK	21.51	20.11	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	QPSK	20.88	19.48	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	QPSK	21.29	19.89	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	QPSK	21.25	19.85	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	QPSK	21.26	19.86	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	QPSK	20.89	19.49	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	QPSK	21.3	19.9	33.00	PASS
CA_7C	50RB+100RB	20805+20949	1RB#0	0RB#0	16QAM	20.27	18.87	33.00	PASS
CA_7C	50RB+100RB	21006+21150	1RB#0	0RB#0	16QAM	20.28	18.88	33.00	PASS
CA_7C	50RB+100RB	21206+21350	1RB#0	0RB#0	16QAM	20.14	18.74	33.00	PASS



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CA_7C	75RB+50RB	20825+20945	1RB#0	0RB#0	16QAM	20.39	18.99	33.00	PASS
CA_7C	75RB+50RB	21051+21171	1RB#0	0RB#0	16QAM	20.33	18.93	33.00	PASS
CA_7C	75RB+50RB	21277+21397	1RB#0	0RB#0	16QAM	20.54	19.14	33.00	PASS
CA_7C	75RB+75RB	20825+20975	1RB#0	0RB#0	16QAM	20.27	18.87	33.00	PASS
CA_7C	75RB+75RB	20825+20975	16RB#0	0RB#0	16QAM	20.3	18.9	33.00	PASS
CA_7C	75RB+75RB	21025+21175	1RB#0	0RB#0	16QAM	20.34	18.94	33.00	PASS
CA_7C	75RB+75RB	21025+21175	16RB#0	0RB#0	16QAM	20.46	19.06	33.00	PASS
CA_7C	75RB+75RB	21225+21375	1RB#0	0RB#0	16QAM	20.28	18.88	33.00	PASS
CA_7C	75RB+75RB	21225+21375	16RB#0	0RB#0	16QAM	20.12	18.72	33.00	PASS
CA_7C	75RB+100RB	20828+20999	1RB#0	0RB#0	16QAM	19.9	18.5	33.00	PASS
CA_7C	75RB+100RB	21003+21174	1RB#0	0RB#0	16QAM	19.92	18.52	33.00	PASS
CA_7C	75RB+100RB	21179+21350	1RB#0	0RB#0	16QAM	20.47	19.07	33.00	PASS
CA_7C	100RB+50RB	20850+20994	1RB#0	0RB#0	16QAM	20.49	19.09	33.00	PASS
CA_7C	100RB+50RB	20850+20994	12RB#0	0RB#0	16QAM	20.07	18.67	33.00	PASS
CA_7C	100RB+50RB	21051+21195	1RB#0	0RB#0	16QAM	20.04	18.64	33.00	PASS
CA_7C	100RB+50RB	21051+21195	12RB#0	0RB#0	16QAM	20.47	19.07	33.00	PASS
CA_7C	100RB+50RB	21251+21395	1RB#0	0RB#0	16QAM	20.61	19.21	33.00	PASS
CA_7C	100RB+50RB	21251+21395	12RB#0	0RB#0	16QAM	20.31	18.91	33.00	PASS
CA_7C	100RB+75RB	20850+21021	1RB#0	0RB#0	16QAM	20.66	19.26	33.00	PASS
CA_7C	100RB+75RB	20850+21021	16RB#0	0RB#0	16QAM	20.2	18.8	33.00	PASS
CA_7C	100RB+75RB	21026+21197	1RB#0	0RB#0	16QAM	19.96	18.56	33.00	PASS
CA_7C	100RB+75RB	21026+21197	16RB#0	0RB#0	16QAM	20.15	18.75	33.00	PASS
CA_7C	100RB+75RB	21201+21372	1RB#0	0RB#0	16QAM	20.41	19.01	33.00	PASS
CA_7C	100RB+75RB	21201+21372	16RB#0	0RB#0	16QAM	20.34	18.94	33.00	PASS
CA_7C	100RB+100RB	20850+21048	1RB#0	0RB#0	16QAM	19.88	18.48	33.00	PASS
CA_7C	100RB+100RB	20850+21048	18RB#0	0RB#0	16QAM	20.41	19.01	33.00	PASS
CA_7C	100RB+100RB	21001+21199	1RB#0	0RB#0	16QAM	20.17	18.77	33.00	PASS
CA_7C	100RB+100RB	21001+21199	18RB#0	0RB#0	16QAM	20.18	18.78	33.00	PASS
CA_7C	100RB+100RB	21152+21350	1RB#0	0RB#0	16QAM	20.13	18.73	33.00	PASS
CA_7C	100RB+100RB	21152+21350	18RB#0	0RB#0	16QAM	20.28	18.88	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]



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch

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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	4.99	13.00	PASS
CA_7C	QPSK	100RB+100RB	21199+21001	100RB#0	100RB#0	4.99	13.00	PASS
CA_7C	QPSK	100RB+100RB	21350+21152	100RB#0	100RB#0	4.81	13.00	PASS
CA_7C	16QAM	100RB+100RB	21048+20850	100RB#0	100RB#0	5.68	13.00	PASS
CA_7C	16QAM	100RB+100RB	21199+21001	100RB#0	100RB#0	5.83	13.00	PASS
CA_7C	16QAM	100RB+100RB	21350+21152	100RB#0	100RB#0	5.68	13.00	PASS



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**2.1 For LTE**

**2.1.1 Test Band = LTE Band CA\_7C**

CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_100RB#0+100RB#0



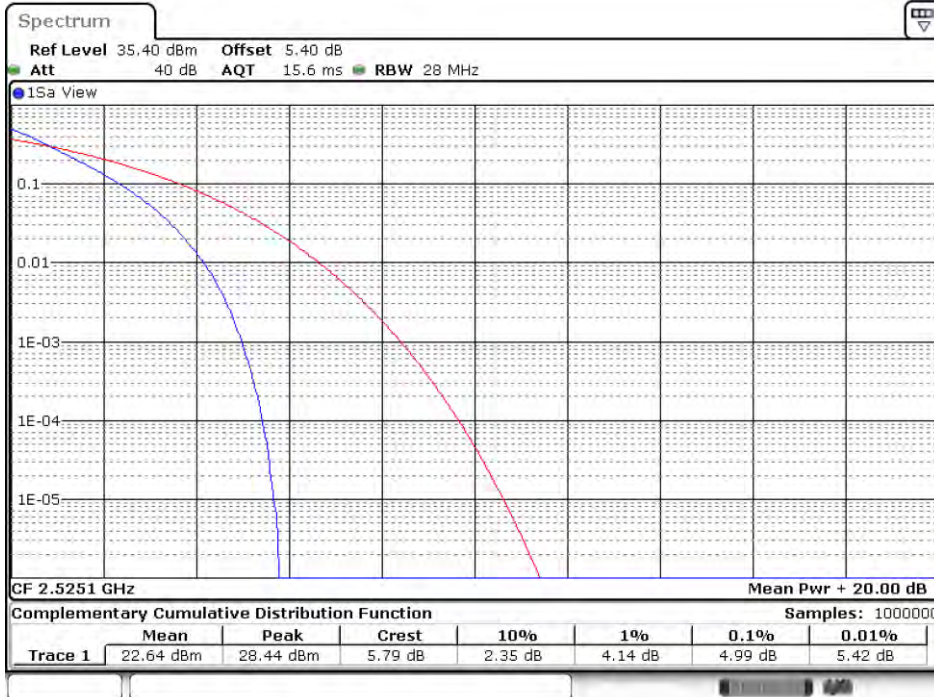
Date: 22.MAR.2021 11:48:24



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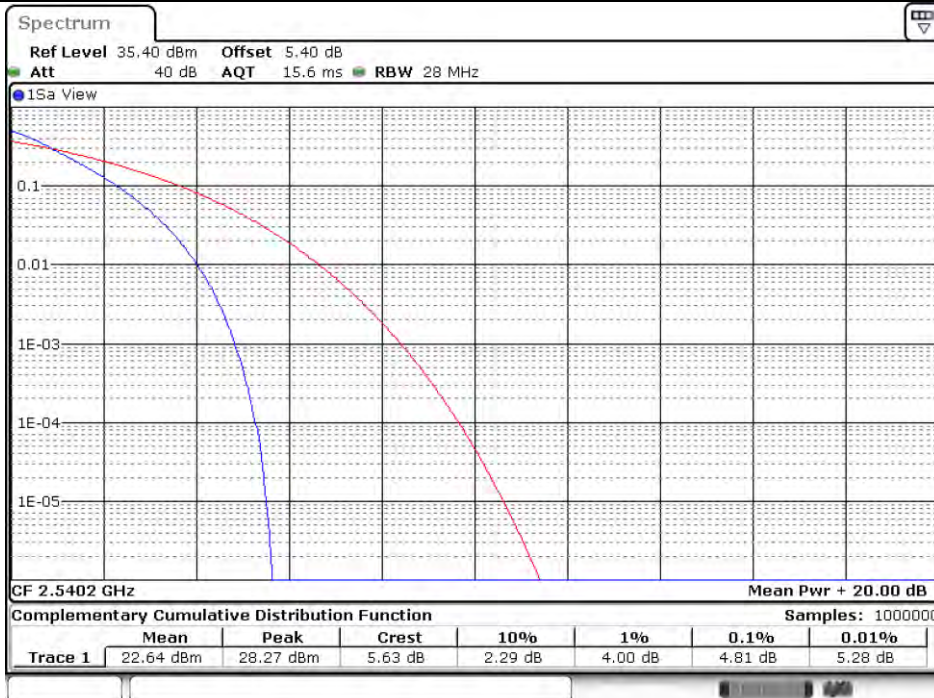


**CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_100RB#0+100RB#0**



Date: 22.MAR.2021 11:48:47

**CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_100RB#0+100RB#0**

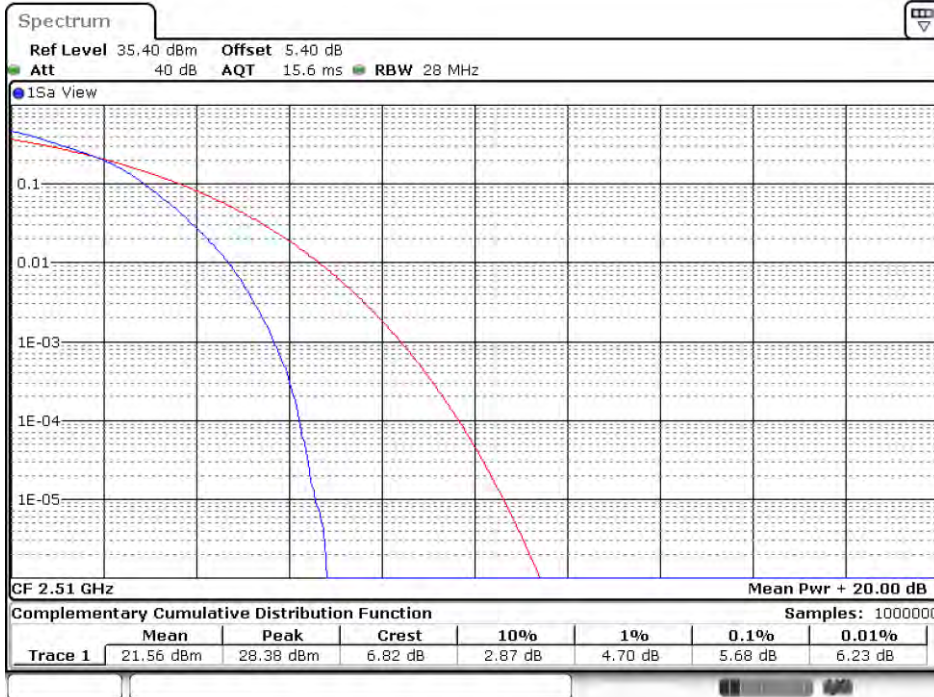


Date: 22.MAR.2021 11:49:10





**CA\_7C\_100RB+100RB\_16QAM\_21048+20850\_100RB#0+100RB#0**



Date: 22.MAR.2021 11:48:36

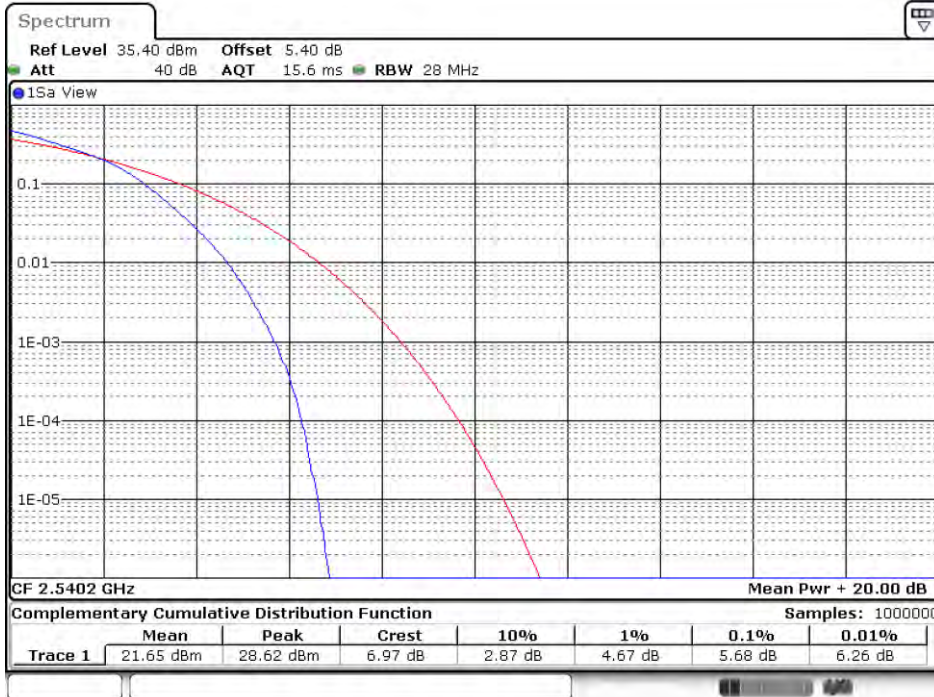
**CA\_7C\_100RB+100RB\_16QAM\_21199+21001\_100RB#0+100RB#0**



Date: 22.MAR.2021 11:48:58



CA\_7C\_100RB+100RB\_16QAM\_21350+21152\_100RB#0+100RB#0



Date: 22.MAR.2021 11:49:21

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.





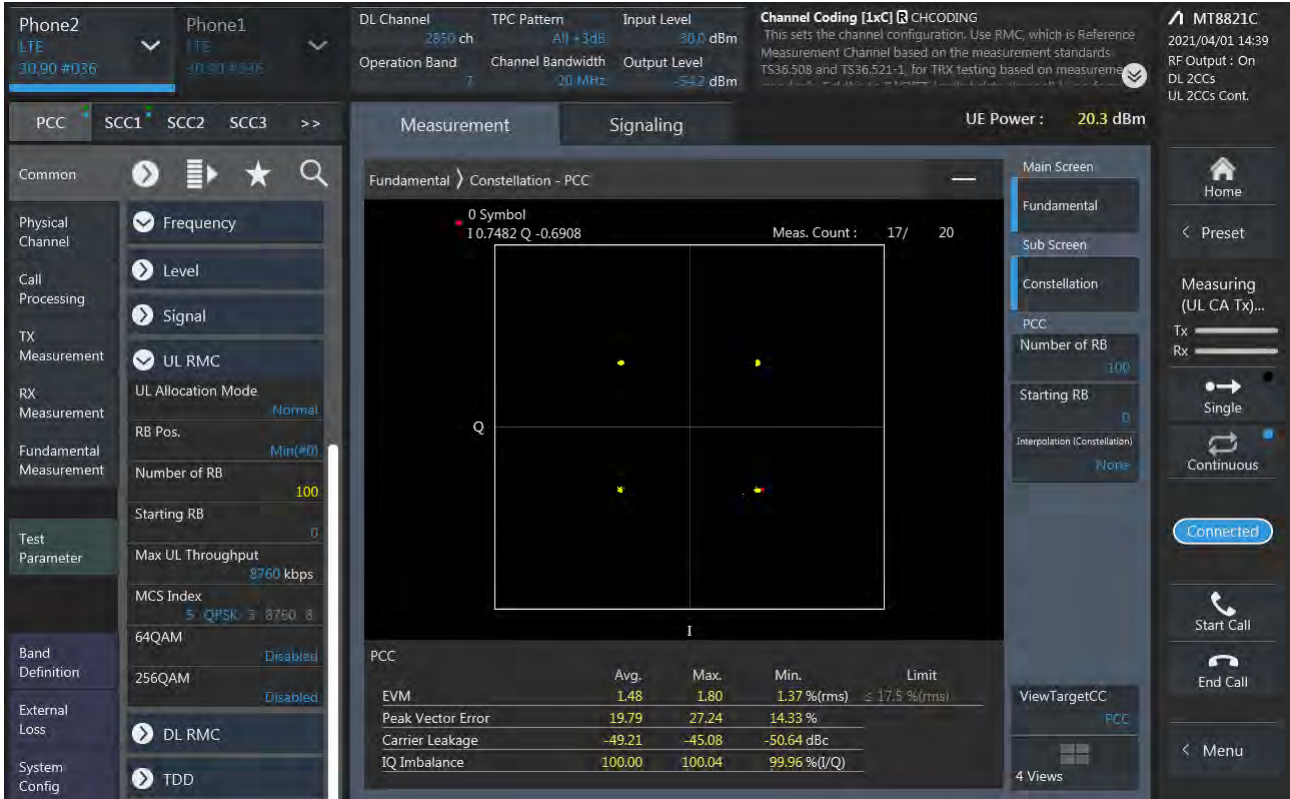
### 3 Modulation Characteristics

#### 3.1 For LTE

##### 3.1.1 Test Band = LTE Band CA\_7C

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

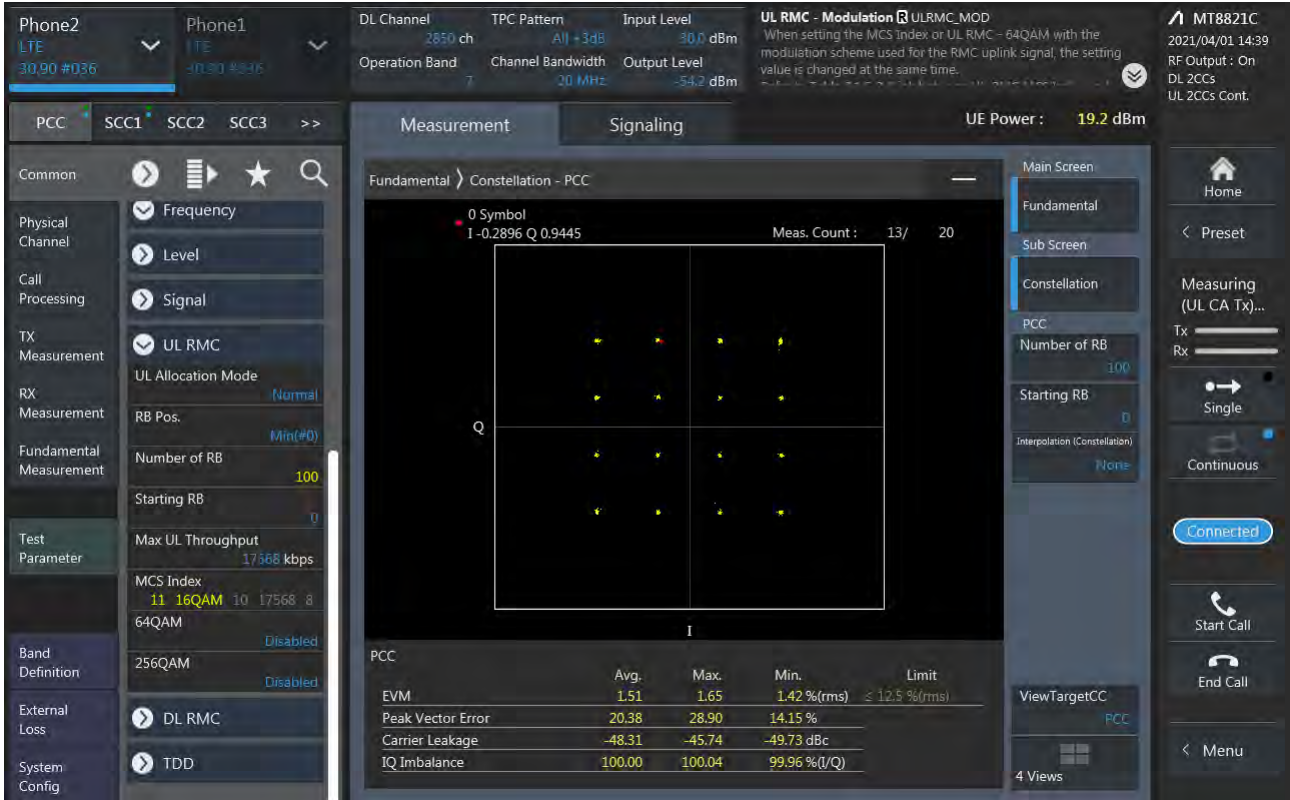
##### 3.1.1.1.1 Test Channel = 20850+20994





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

**3.1.1.2.1 Test Channel =20850+20994**





## 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	27.65	28.57	PASS
CA_7C	50RB+100RB	16QAM	20805+20949	50RB#0+100RB#0	27.64	28.57	PASS
CA_7C	50RB+100RB	QPSK	21006+21150	50RB#0+100RB#0	27.53	28.55	PASS
CA_7C	50RB+100RB	16QAM	21006+21150	50RB#0+100RB#0	27.52	28.54	PASS
CA_7C	50RB+100RB	QPSK	21206+21350	50RB#0+100RB#0	27.64	28.45	PASS
CA_7C	50RB+100RB	16QAM	21206+21350	50RB#0+100RB#0	27.67	28.60	PASS
CA_7C	75RB+50RB	QPSK	20825+20945	75RB#0+50RB#0	23.3	24.38	PASS
CA_7C	75RB+50RB	16QAM	20825+20945	75RB#0+50RB#0	23.17	24.21	PASS
CA_7C	75RB+50RB	QPSK	21051+21171	75RB#0+50RB#0	23.1	24.42	PASS
CA_7C	75RB+50RB	16QAM	21051+21171	75RB#0+50RB#0	23.27	24.19	PASS
CA_7C	75RB+50RB	QPSK	21277+21397	75RB#0+50RB#0	23.22	24.49	PASS
CA_7C	75RB+50RB	16QAM	21277+21397	75RB#0+50RB#0	23.23	24.50	PASS
CA_7C	75RB+75RB	QPSK	20825+20975	75RB#0+75RB#0	28.27	29.05	PASS
CA_7C	75RB+75RB	16QAM	20825+20975	75RB#0+75RB#0	28.3	29.21	PASS
CA_7C	75RB+75RB	QPSK	21025+21175	75RB#0+75RB#0	28.18	29.15	PASS
CA_7C	75RB+75RB	16QAM	21025+21175	75RB#0+75RB#0	28.28	29.11	PASS
CA_7C	75RB+75RB	QPSK	21225+21375	75RB#0+75RB#0	28.28	29.12	PASS
CA_7C	75RB+75RB	16QAM	21225+21375	75RB#0+75RB#0	28.3	29.21	PASS
CA_7C	75RB+100RB	QPSK	20828+20999	75RB#0+100RB#0	32.71	33.91	PASS
CA_7C	75RB+100RB	16QAM	20828+20999	75RB#0+100RB#0	32.75	33.77	PASS
CA_7C	75RB+100RB	QPSK	21003+21174	75RB#0+100RB#0	32.49	33.93	PASS
CA_7C	75RB+100RB	16QAM	21003+21174	75RB#0+100RB#0	32.49	33.93	PASS
CA_7C	75RB+100RB	QPSK	21179+21350	75RB#0+100RB#0	32.59	33.95	PASS
CA_7C	75RB+100RB	16QAM	21179+21350	75RB#0+100RB#0	32.59	33.95	PASS
CA_7C	100RB+50RB	QPSK	20850+20994	100RB#0+50RB#0	28.04	29.02	PASS
CA_7C	100RB+50RB	16QAM	20850+20994	100RB#0+50RB#0	28	28.94	PASS
CA_7C	100RB+50RB	QPSK	21051+21195	100RB#0+50RB#0	27.68	29.08	PASS
CA_7C	100RB+50RB	16QAM	21051+21195	100RB#0+50RB#0	27.68	29.06	PASS
CA_7C	100RB+50RB	QPSK	21251+21395	100RB#0+50RB#0	27.82	29.08	PASS
CA_7C	100RB+50RB	16QAM	21251+21395	100RB#0+50RB#0	27.98	28.88	PASS
CA_7C	100RB+75RB	QPSK	20850+21021	100RB#0+75RB#0	32.77	33.99	PASS
CA_7C	100RB+75RB	16QAM	20850+21021	100RB#0+75RB#0	32.89	33.85	PASS



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CA_7C	100RB+75RB	QPSK	21026+21197	100RB#0+75RB#0	32.71	33.91	PASS
CA_7C	100RB+75RB	16QAM	21026+21197	100RB#0+75RB#0	32.55	33.95	PASS
CA_7C	100RB+75RB	QPSK	21201+21372	100RB#0+75RB#0	32.81	33.85	PASS
CA_7C	100RB+75RB	16QAM	21201+21372	100RB#0+75RB#0	32.69	33.99	PASS
CA_7C	100RB+100RB	QPSK	20850+21048	100RB#0+100RB#0	37.65	38.93	PASS
CA_7C	100RB+100RB	16QAM	20850+21048	100RB#0+100RB#0	37.55	38.99	PASS
CA_7C	100RB+100RB	QPSK	21001+21199	100RB#0+100RB#0	37.37	38.91	PASS
CA_7C	100RB+100RB	16QAM	21001+21199	100RB#0+100RB#0	37.51	38.63	PASS
CA_7C	100RB+100RB	QPSK	21152+21350	100RB#0+100RB#0	37.57	38.87	PASS
CA_7C	100RB+100RB	16QAM	21152+21350	100RB#0+100RB#0	37.47	38.93	PASS

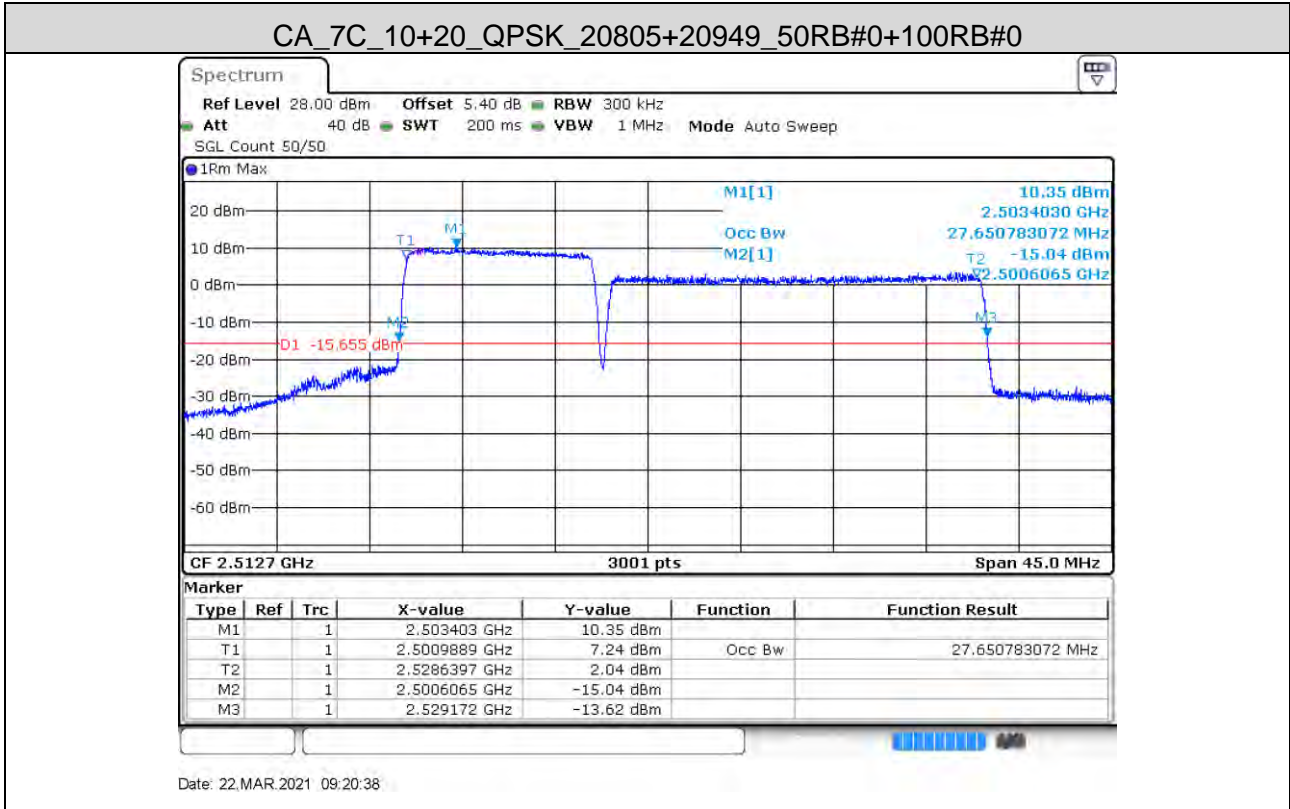


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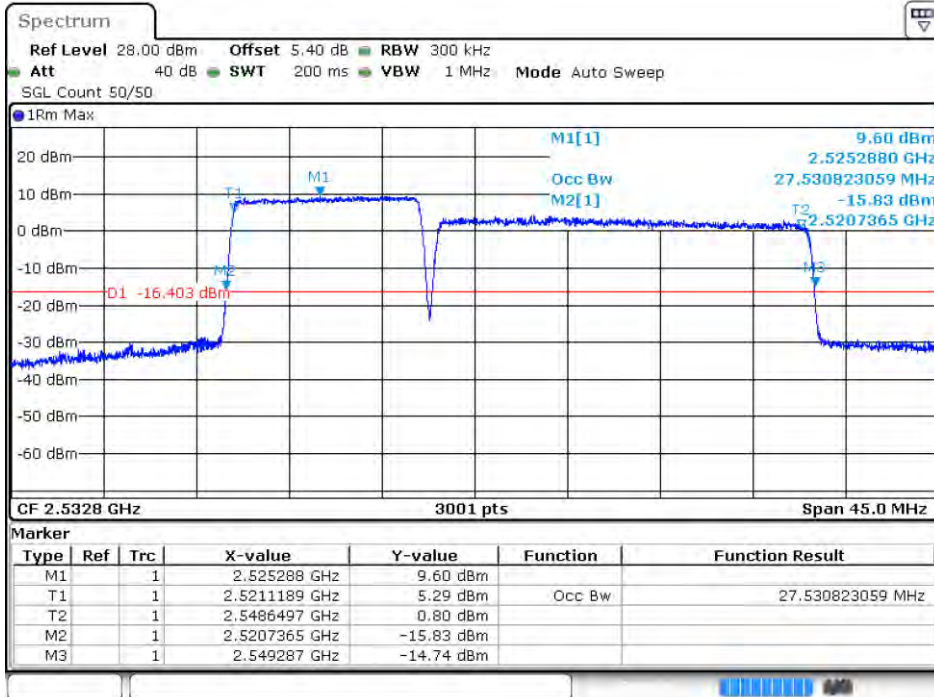
### 4.1 For LTE

#### 4.1.1 Test Band = LTE Band CA\_7C



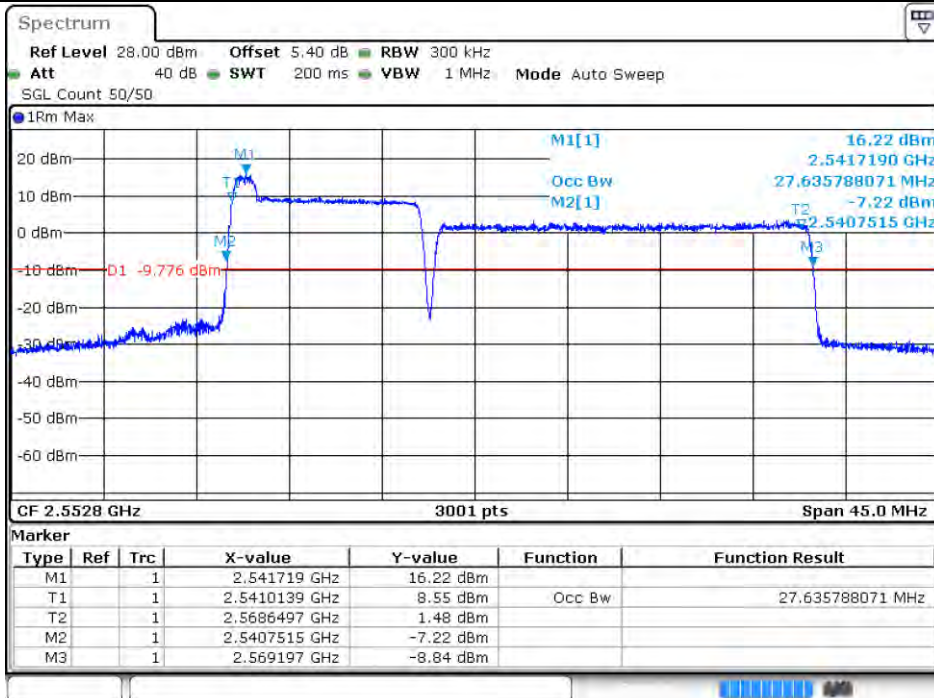


**CA\_7C\_10+20\_QPSK\_21006+21150\_50RB#0+100RB#0**



Date: 22.MAR.2021 09:21:13

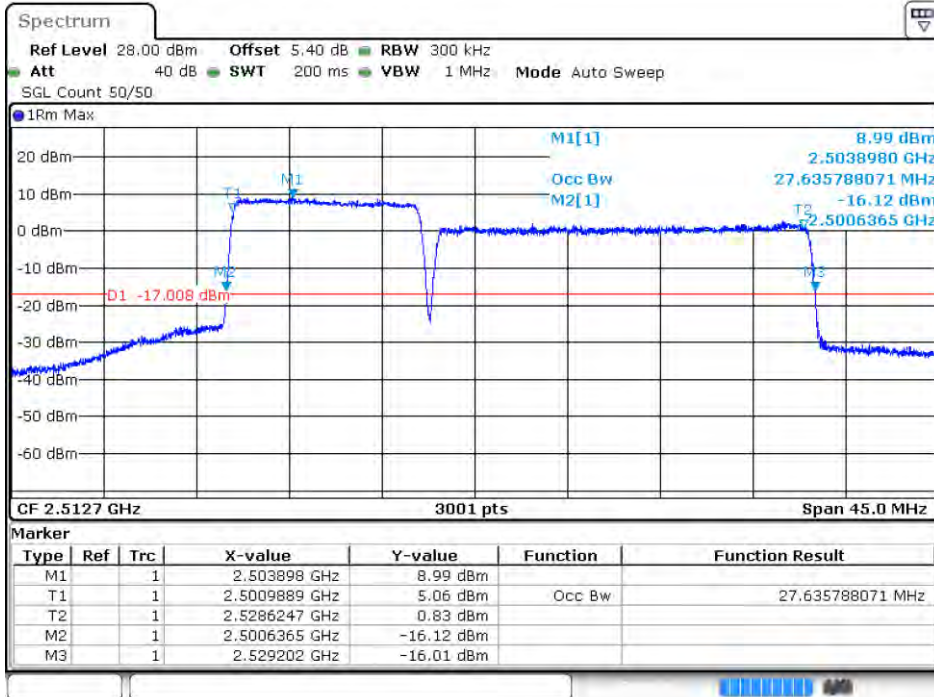
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Date: 22.MAR.2021 09:21:47

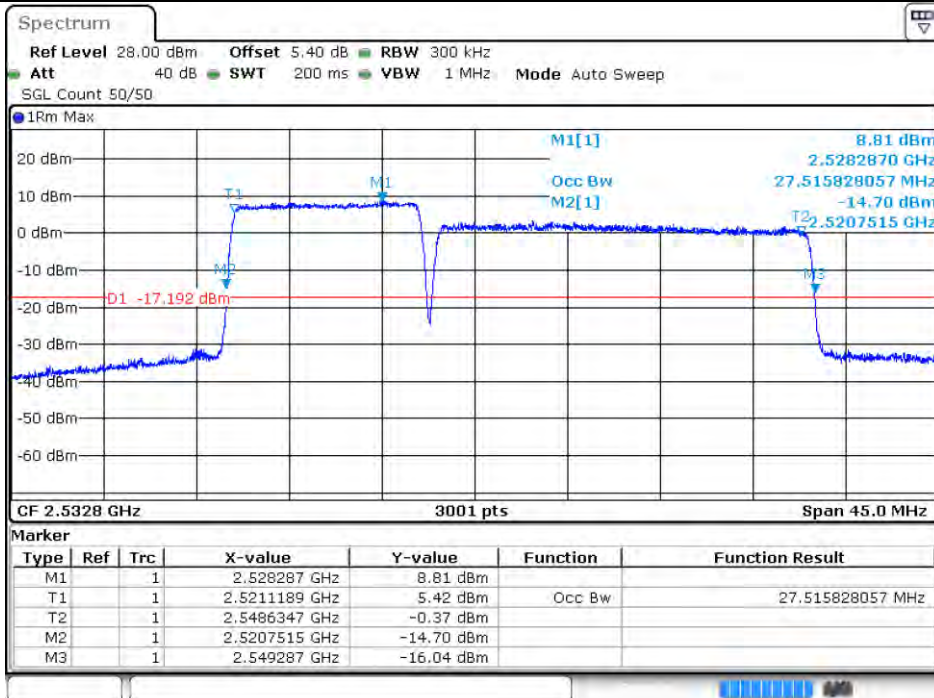


CA\_7C\_10+20\_16QAM\_20805+20949\_50RB#0+100RB#0



Date: 22.MAR.2021 09:20:55

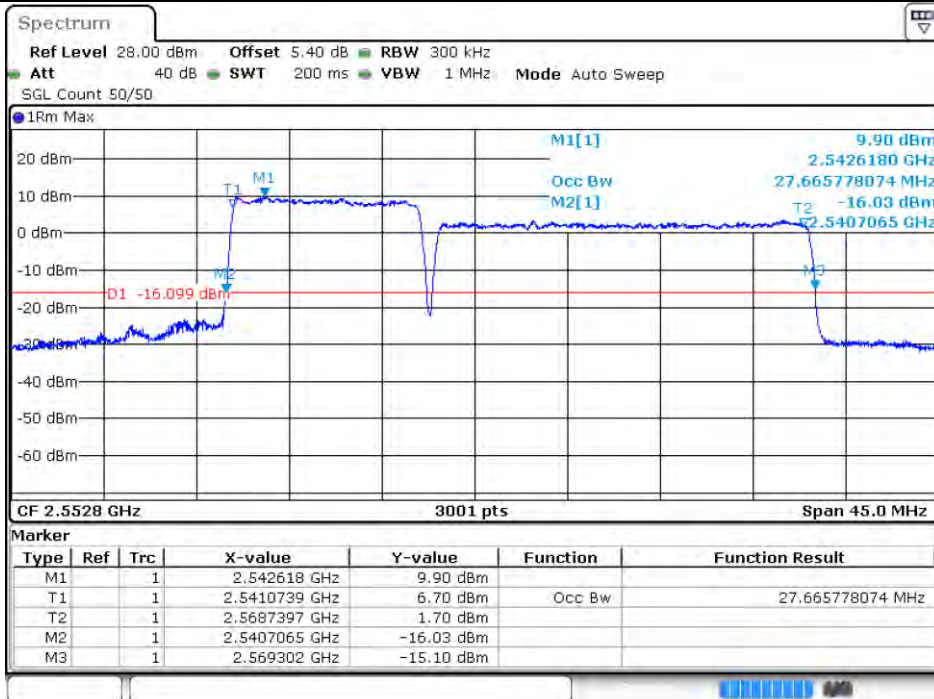
CA\_7C\_10+20\_16QAM\_21006+21150\_50RB#0+100RB#0



Date: 22.MAR.2021 09:21:29

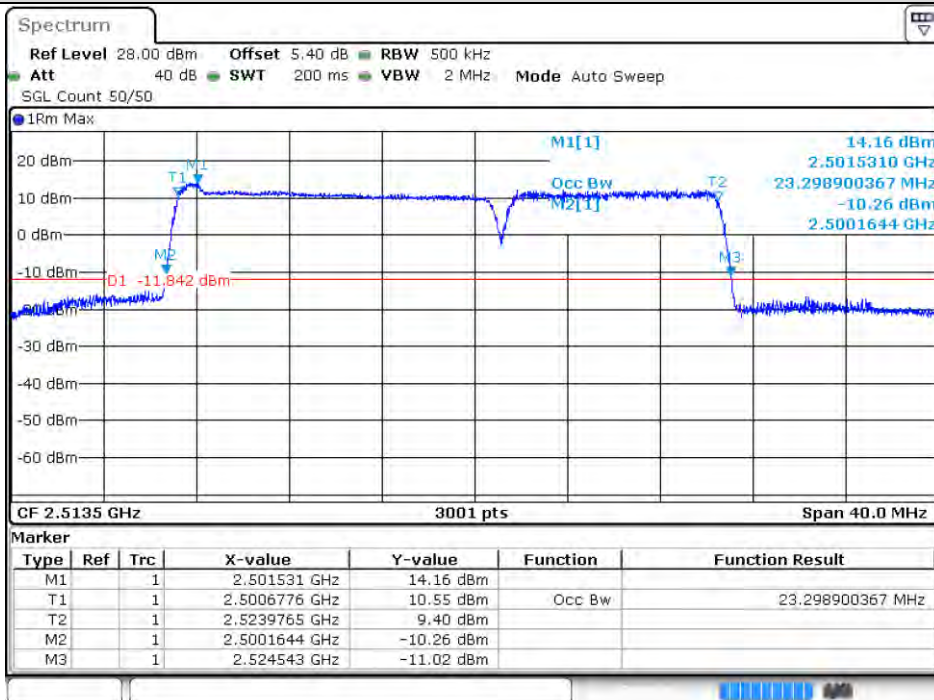


CA\_7C\_10+20\_16QAM\_21206+21350\_50RB#0+100RB#0



Date: 22.MAR.2021 09:22:04

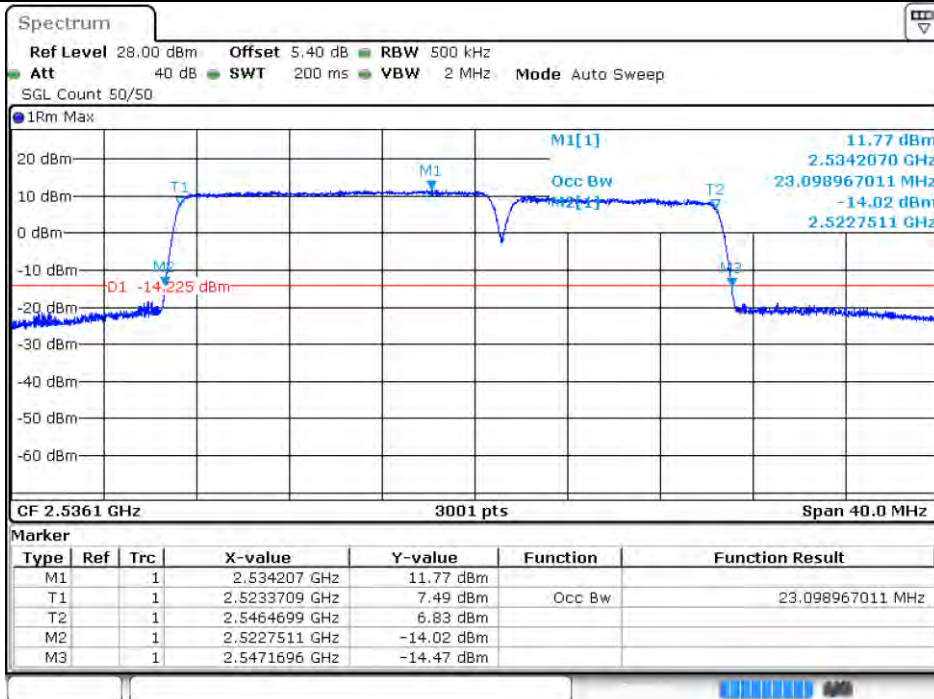
CA\_7C\_15+10\_QPSK\_20825+20945\_75RB#0+50RB#0



Date: 22.MAR.2021 09:35:14

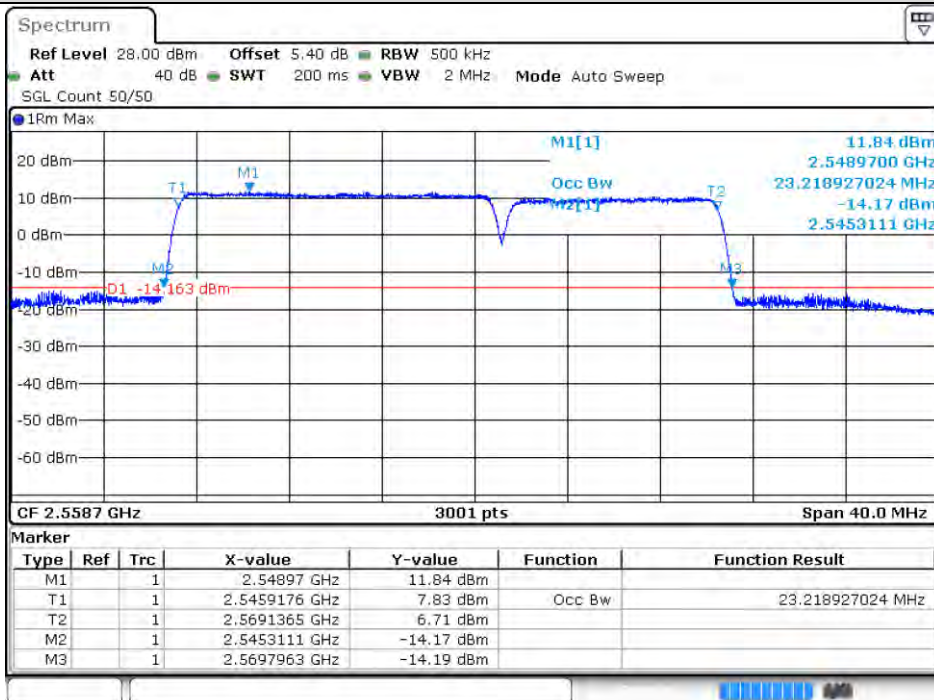


**CA\_7C\_15+10\_QPSK\_21051+21171\_75RB#0+50RB#0**



Date: 22.MAR.2021 09:35:49

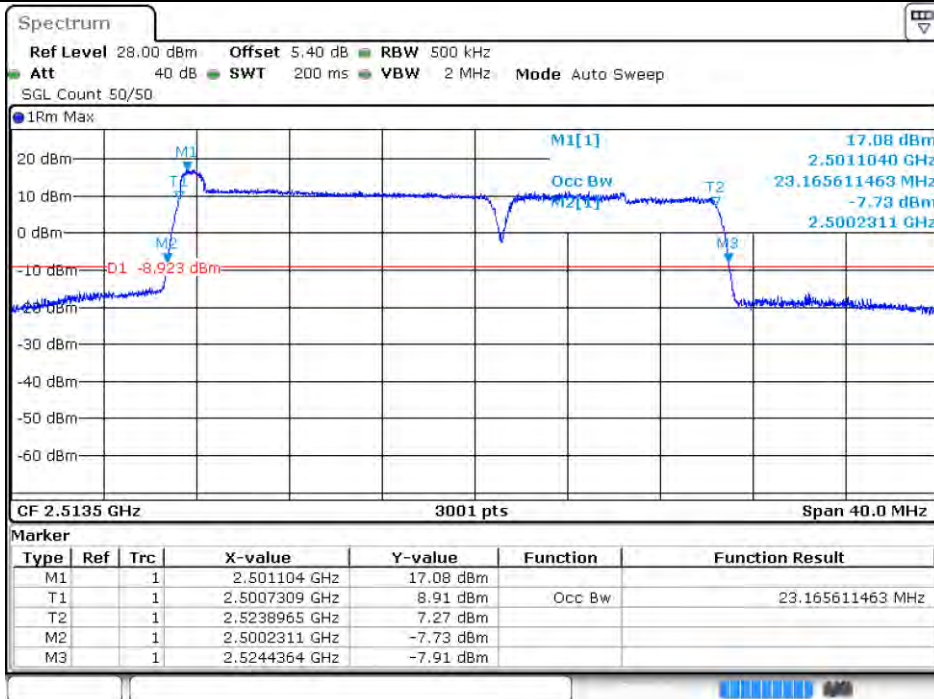
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Date: 22.MAR.2021 09:36:24

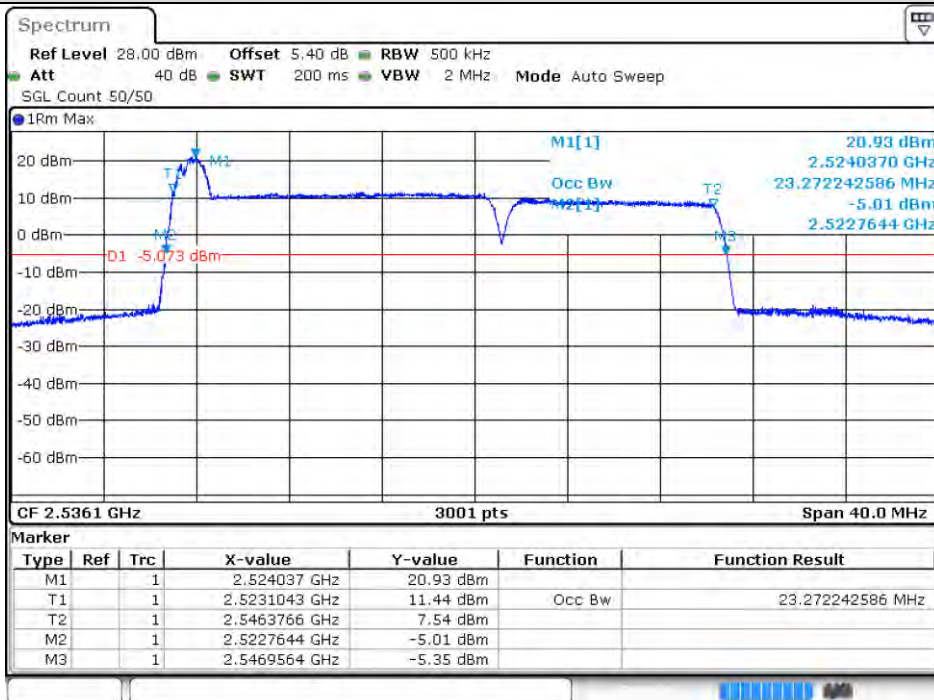


**CA\_7C\_15+10\_16QAM\_20825+20945\_75RB#0+50RB#0**



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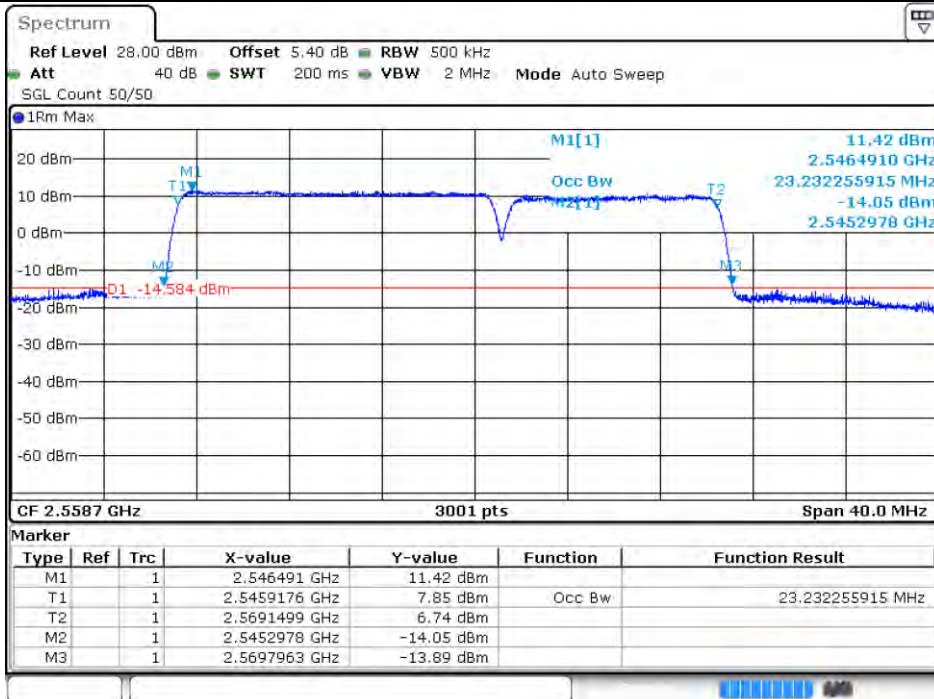
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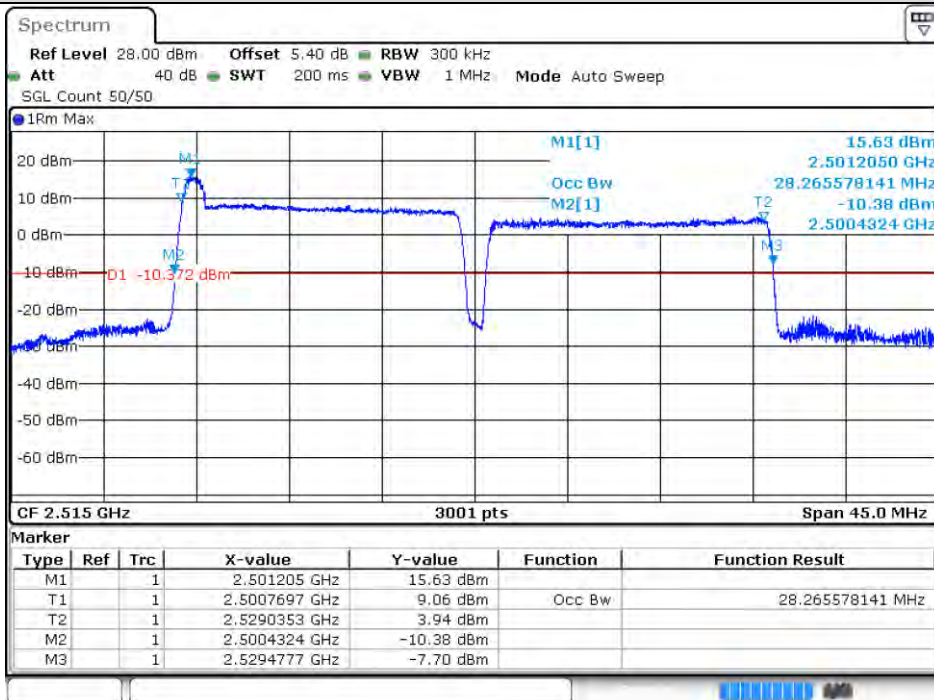


**CA\_7C\_15+10\_16QAM\_21277+21397\_75RB#0+50RB#0**



Date: 22.MAR.2021 09:36:41

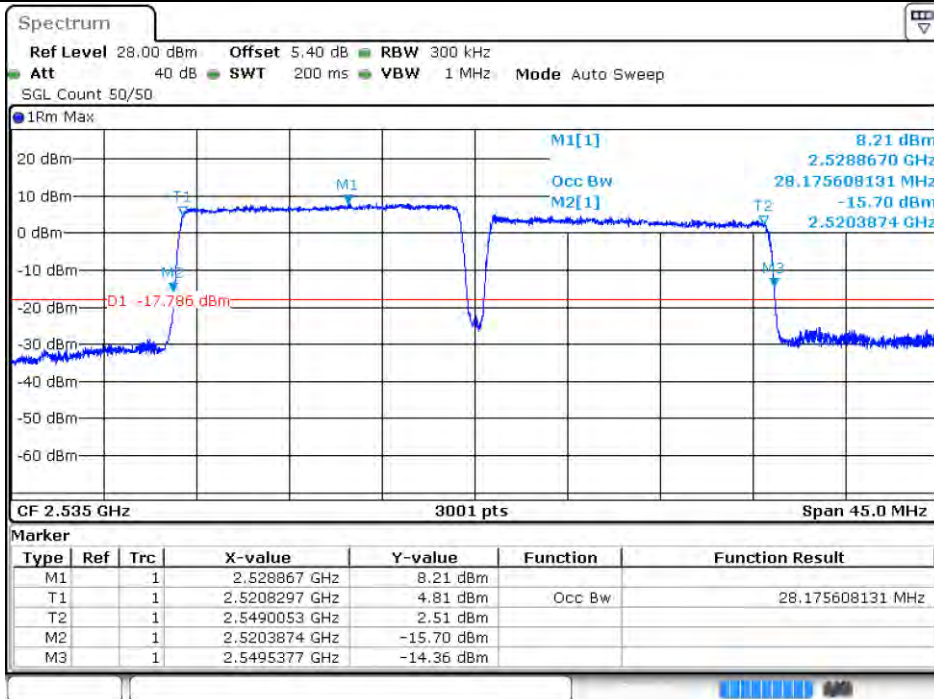
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Date: 22.MAR.2021 09:37:39

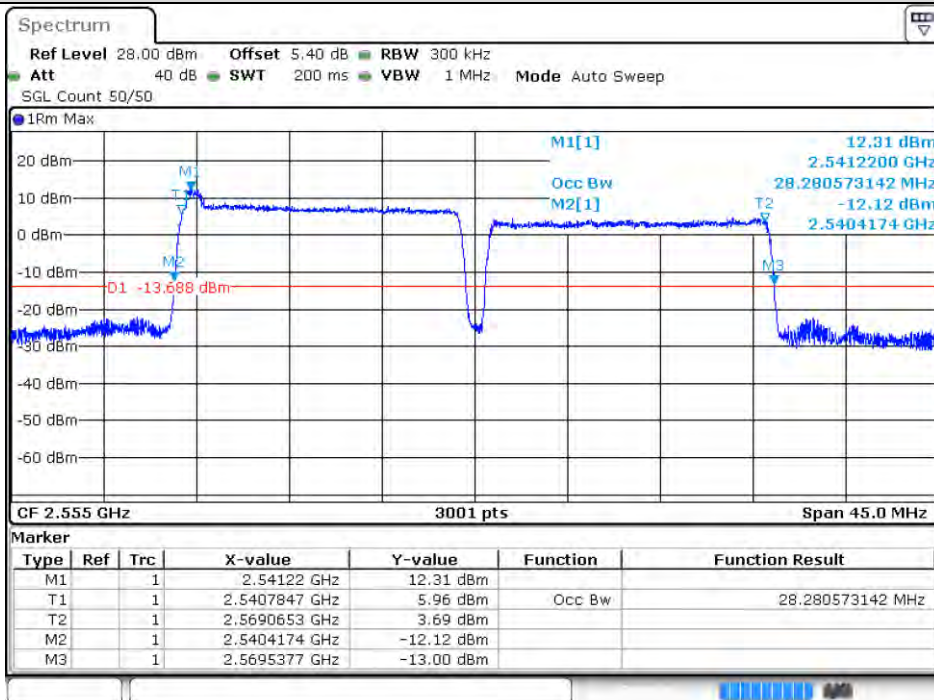


**CA\_7C\_15+15\_QPSK\_21025+21175\_75RB#0+75RB#0**



Date: 22.MAR.2021 09:38:13

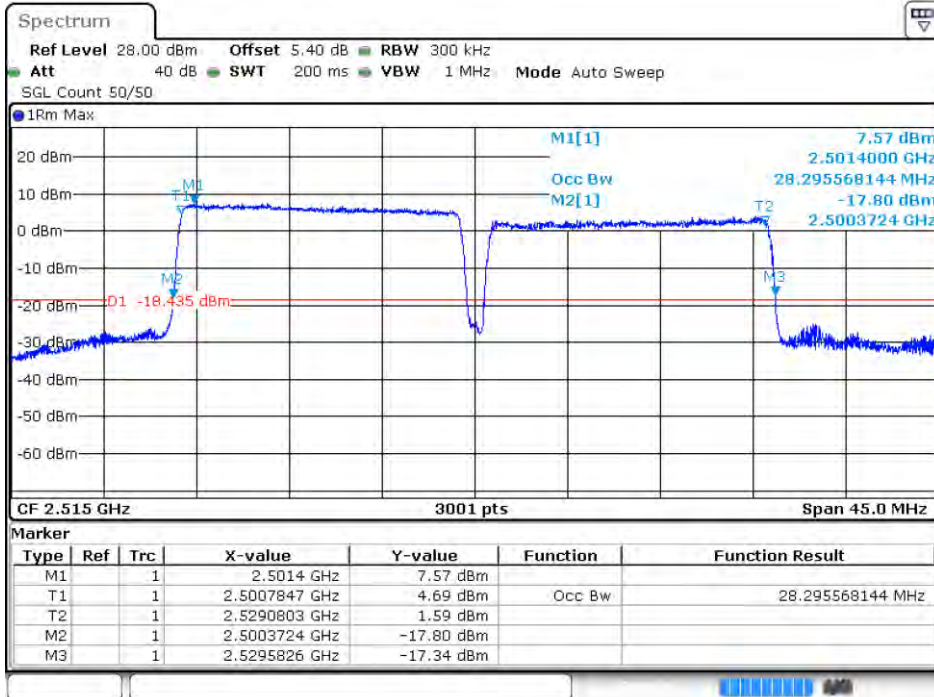
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Date: 22.MAR.2021 09:38:47

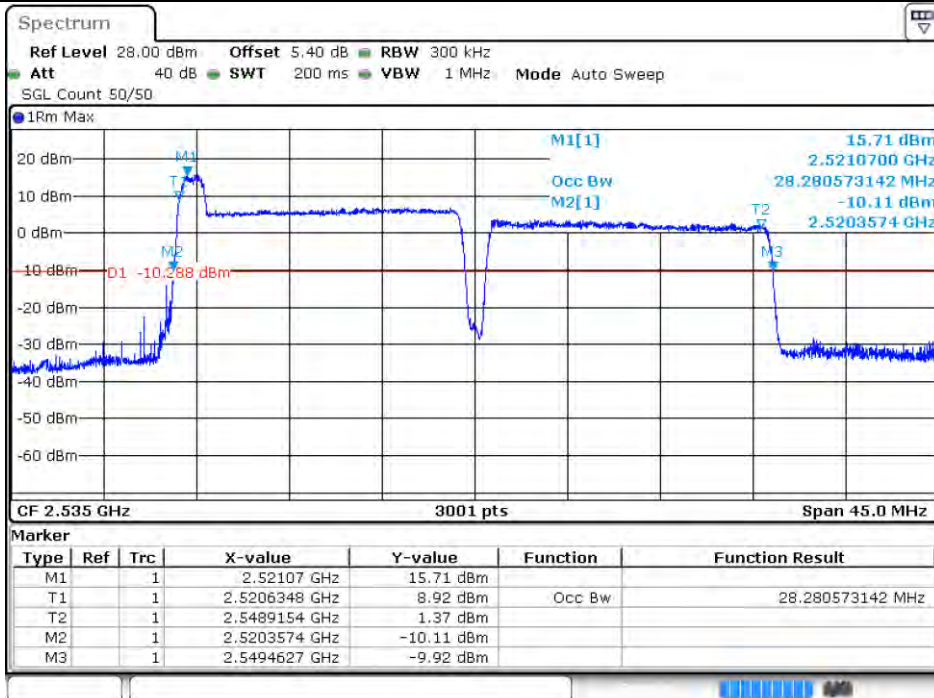


**CA\_7C\_15+15\_16QAM\_20825+20975\_75RB#0+75RB#0**



Date: 22.MAR.2021 09:37:55

**CA\_7C\_15+15\_16QAM\_21025+21175\_75RB#0+75RB#0**

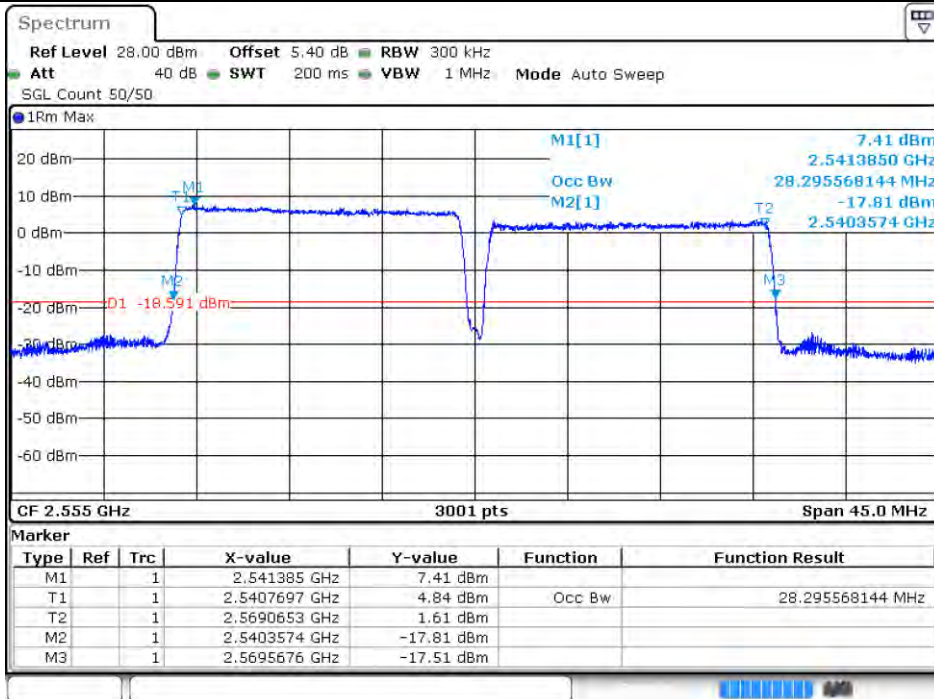


Date: 22.MAR.2021 09:38:29



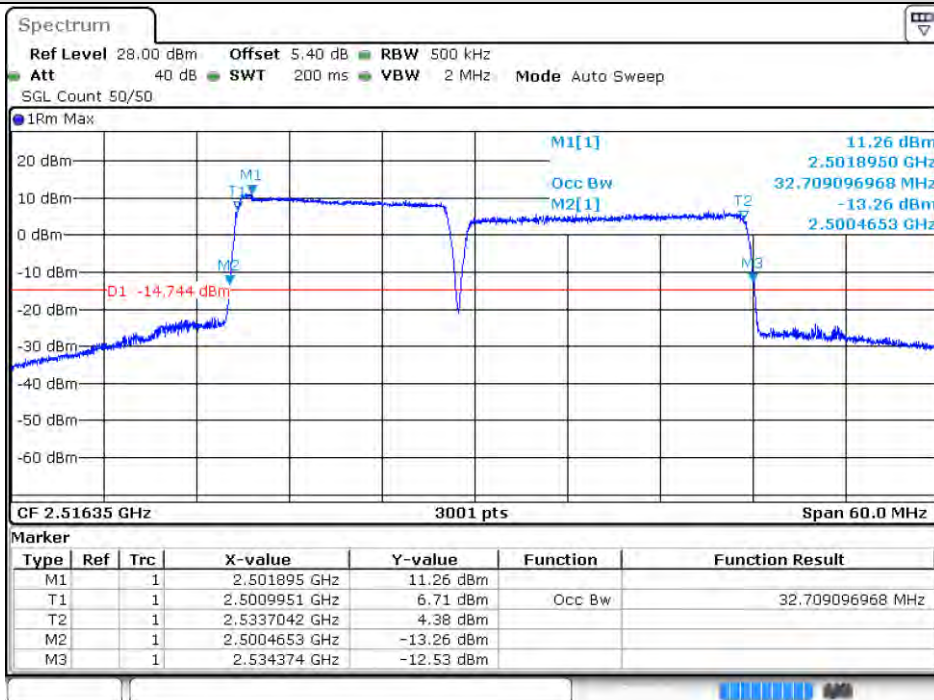


**CA\_7C\_15+15\_16QAM\_21225+21375\_75RB#0+75RB#0**



Date: 22.MAR.2021 09:39:03

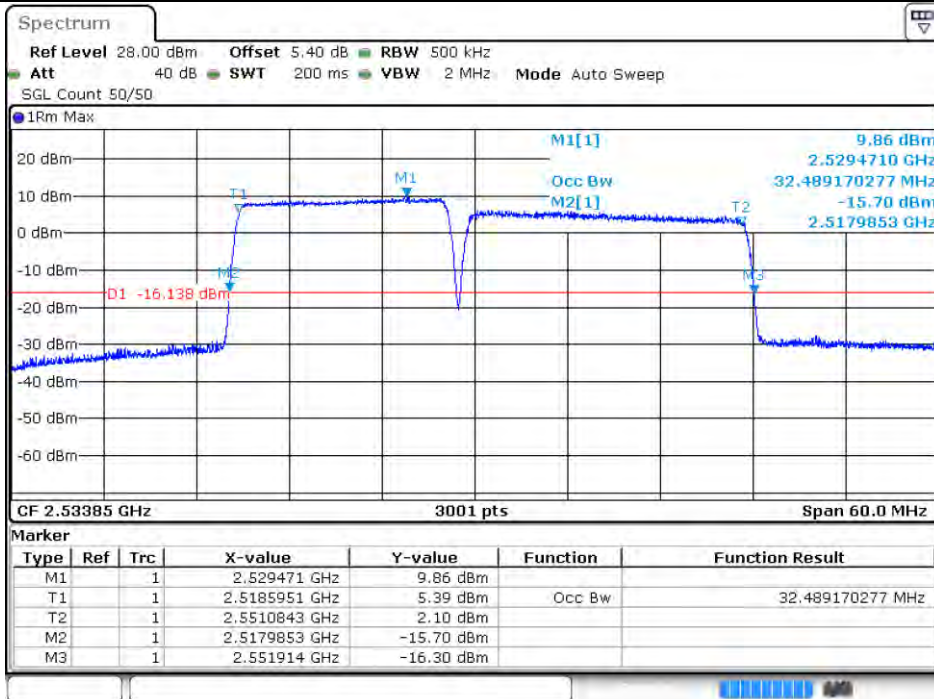
**CA\_7C\_15+20\_QPSK\_20828+20999\_75RB#0+100RB#0**



Date: 22.MAR.2021 09:42:33

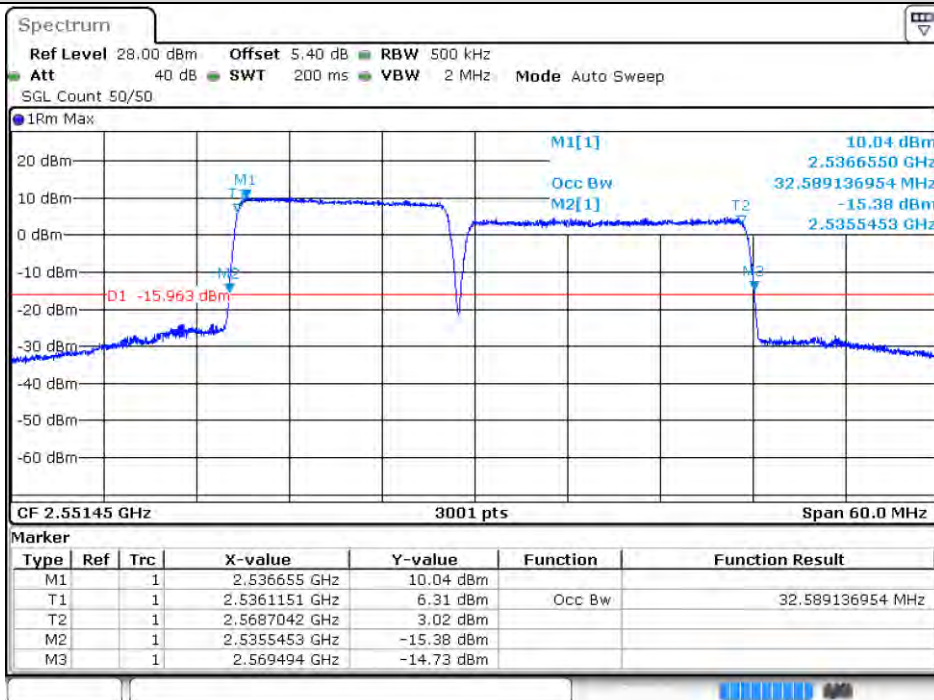


**CA\_7C\_15+20\_QPSK\_21003+21174\_75RB#0+100RB#0**



Date: 22.MAR.2021 09:48:41

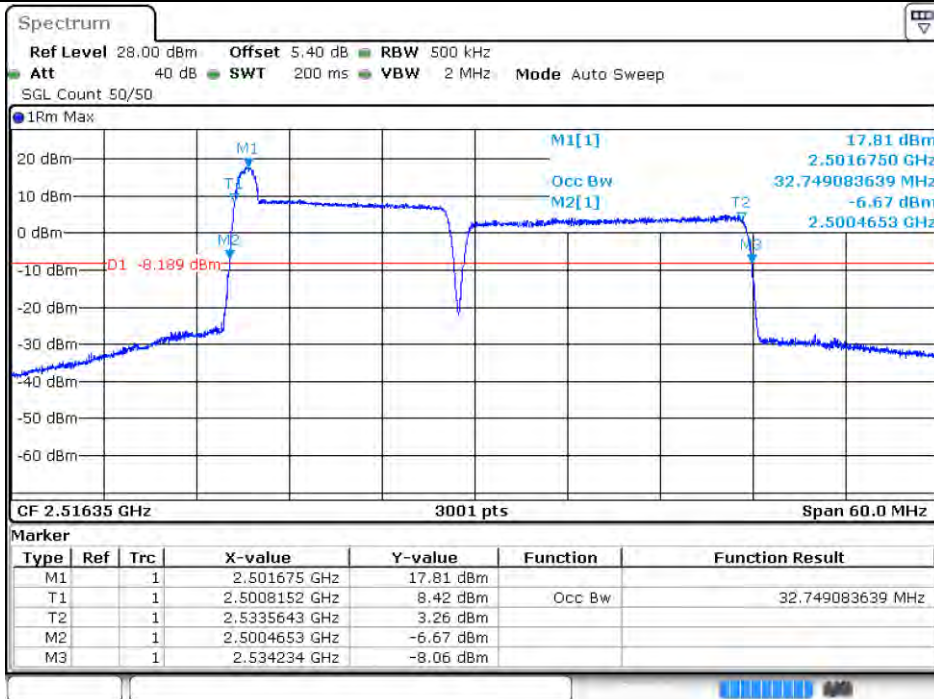
**CA\_7C\_15+20\_QPSK\_21179+21350\_75RB#0+100RB#0**



Date: 22.MAR.2021 09:49:17

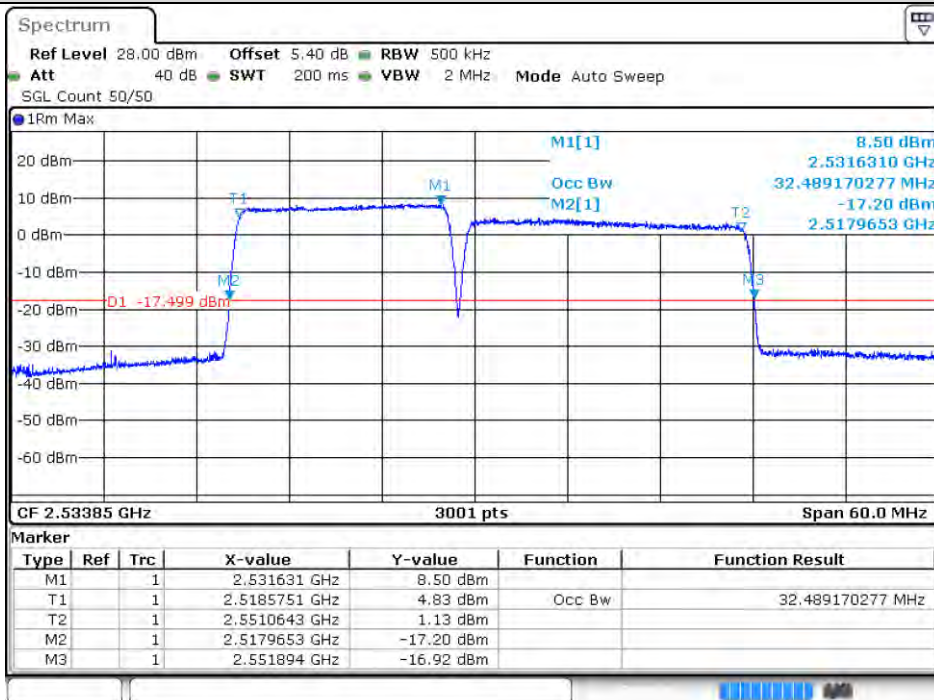


CA\_7C\_15+20\_16QAM\_20828+20999\_75RB#0+100RB#0



Date: 22.MAR.2021 09:42:52

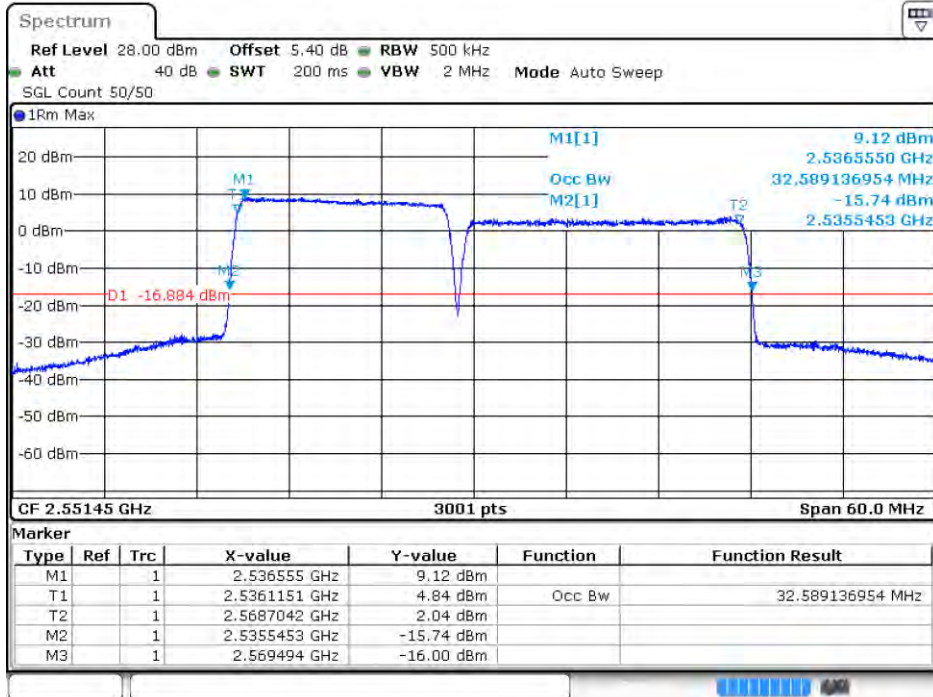
CA\_7C\_15+20\_16QAM\_21003+21174\_75RB#0+100RB#0



Date: 22.MAR.2021 09:48:58

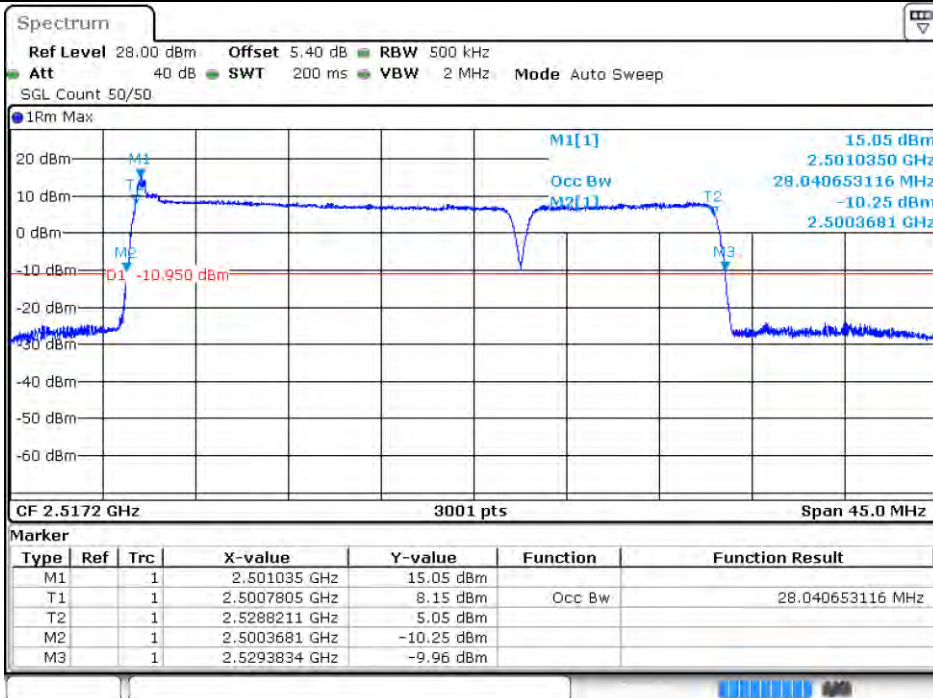


CA\_7C\_15+20\_16QAM\_21179+21350\_75RB#0+100RB#0



Date: 22.MAR.2021 09:49:34

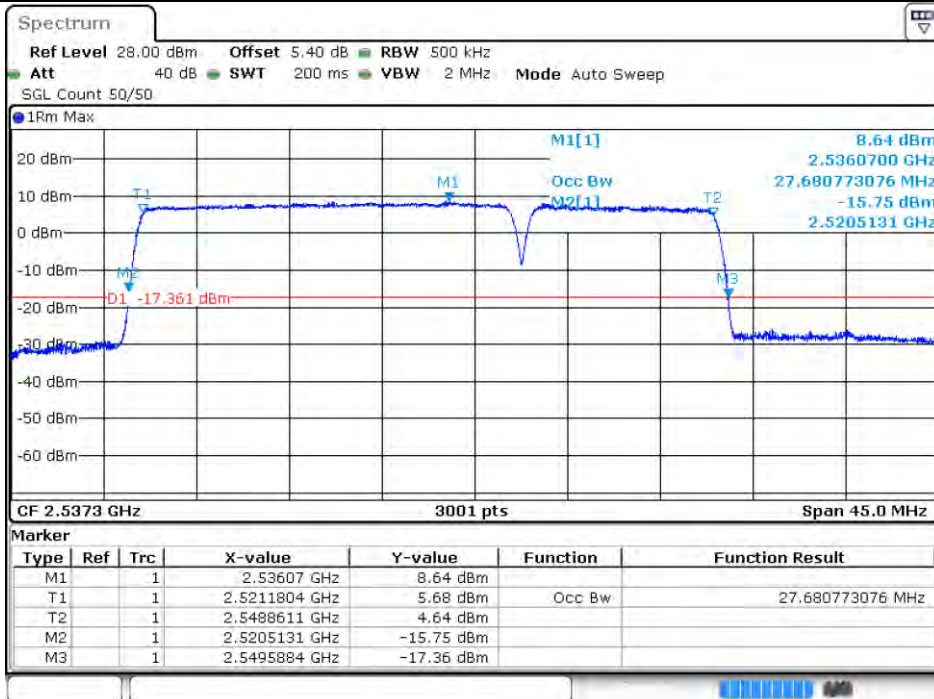
CA\_7C\_20+10\_QPSK\_20850+20994\_100RB#0+50RB#0



Date: 22.MAR.2021 09:25:16

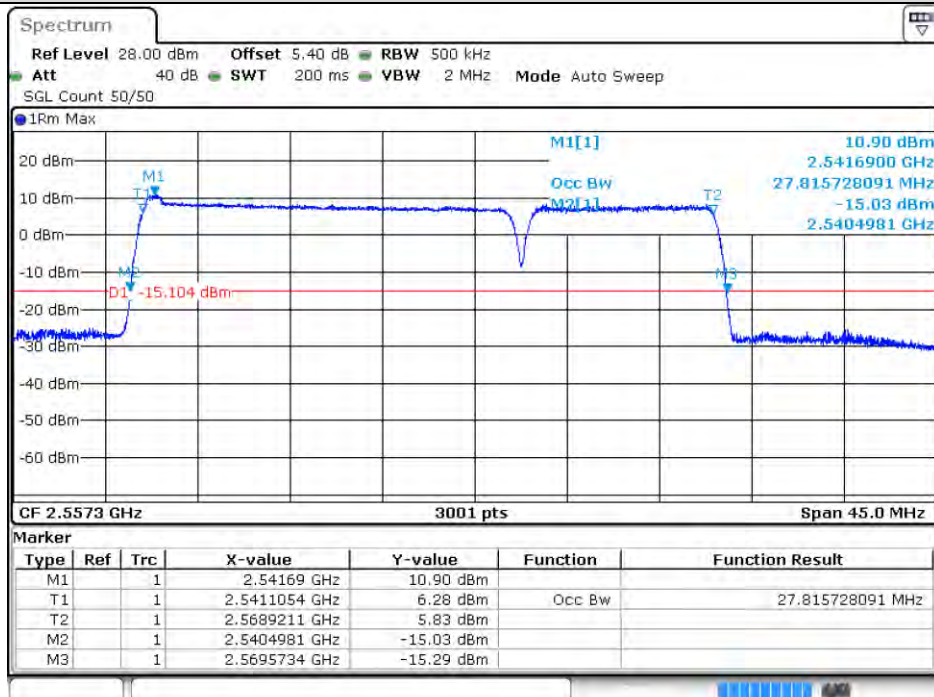


CA\_7C\_20+10\_QPSK\_21051+21195\_100RB#0+50RB#0



Date: 22.MAR.2021 09:25:50

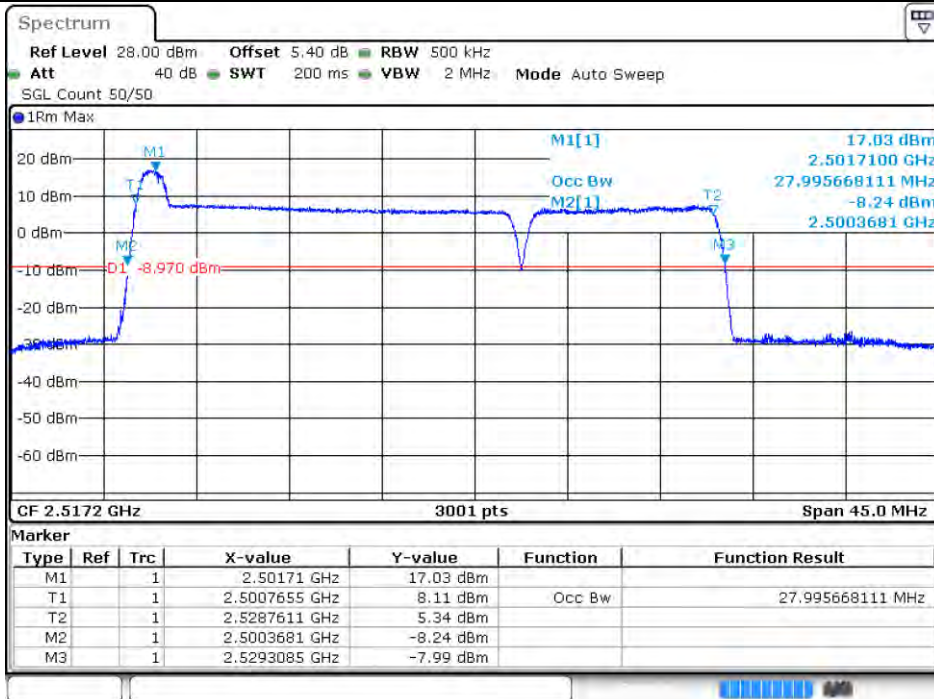
CA\_7C\_20+10\_QPSK\_21251+21395\_100RB#0+50RB#0



Date: 22.MAR.2021 09:29:35

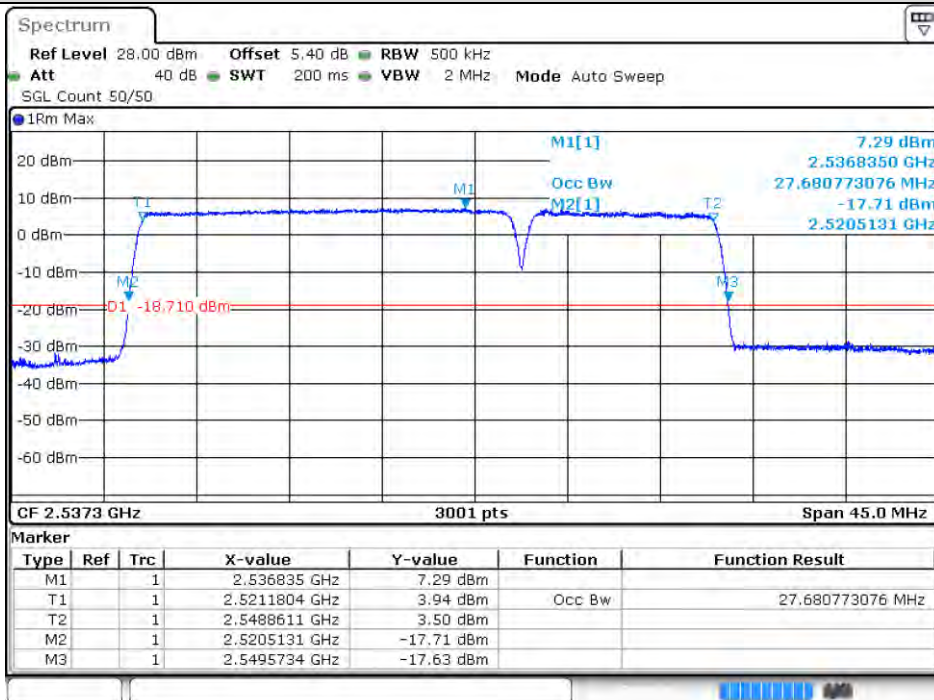


CA\_7C\_20+10\_16QAM\_20850+20994\_100RB#0+50RB#0



Date: 22.MAR.2021 09:25:32

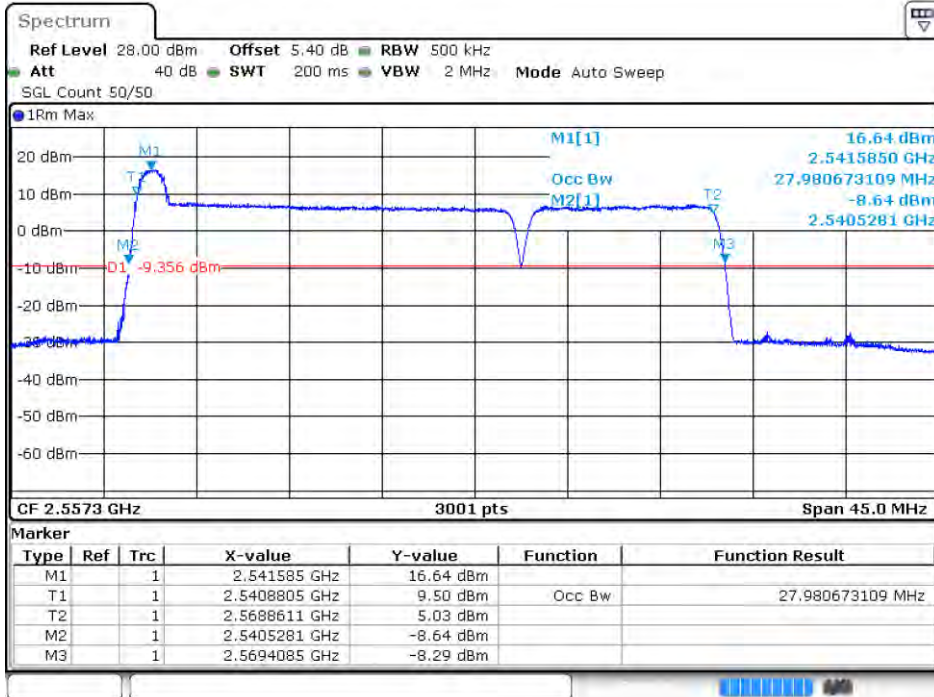
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Date: 22.MAR.2021 09:26:06

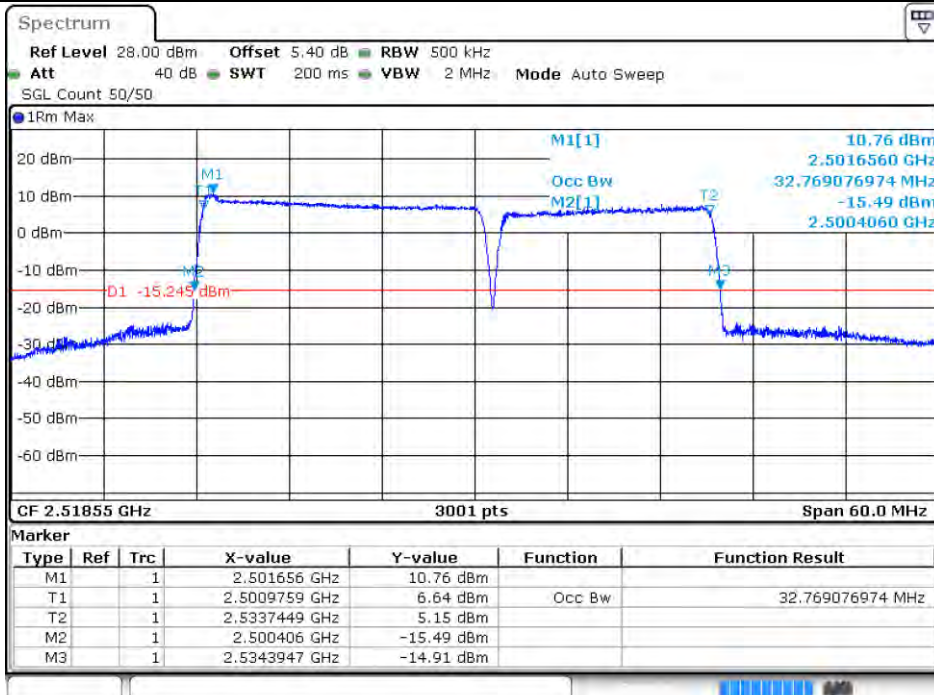


CA\_7C\_20+10\_16QAM\_21251+21395\_100RB#0+50RB#0



Date: 22.MAR.2021 09:29:51

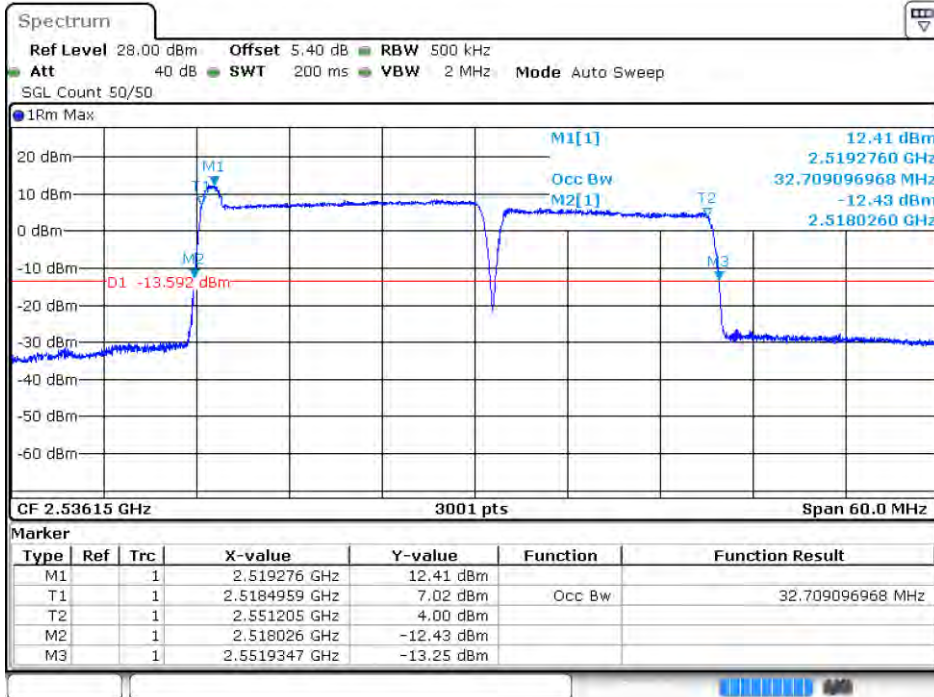
CA\_7C\_20+15\_QPSK\_20850+21021\_100RB#0+75RB#0



Date: 22.MAR.2021 09:50:47

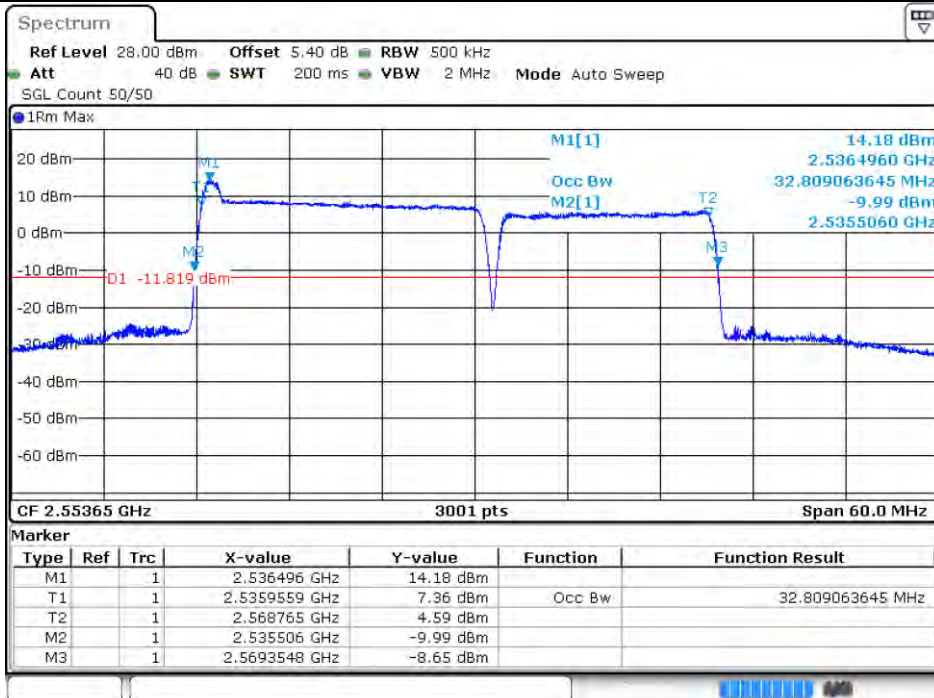


CA\_7C\_20+15\_QPSK\_21026+21197\_100RB#0+75RB#0



Date: 22.MAR.2021 09:51:23

CA\_7C\_20+15\_QPSK\_21201+21372\_100RB#0+75RB#0

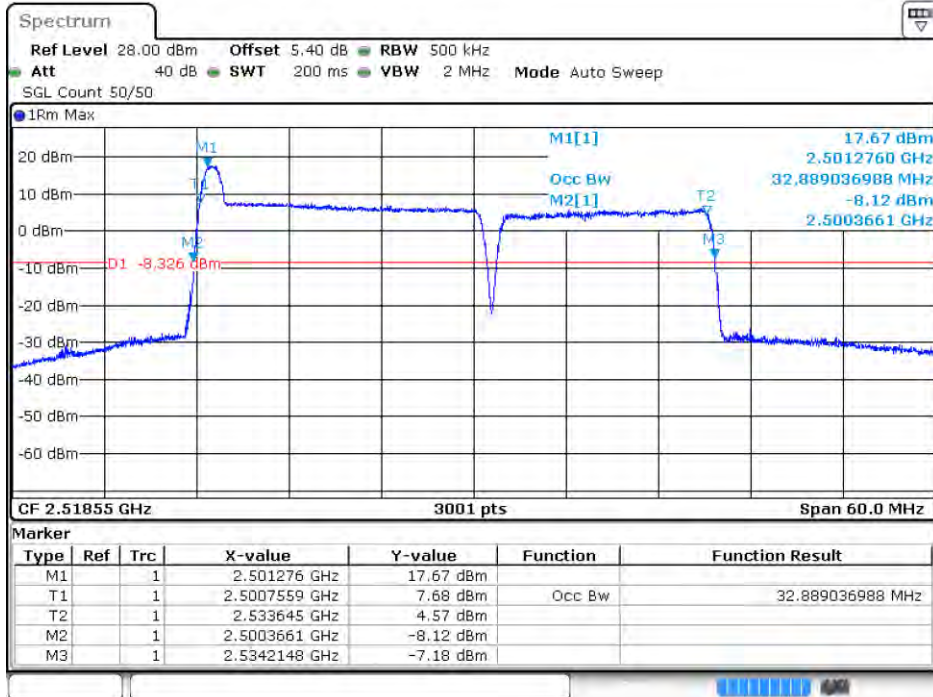


Date: 22.MAR.2021 09:52:00



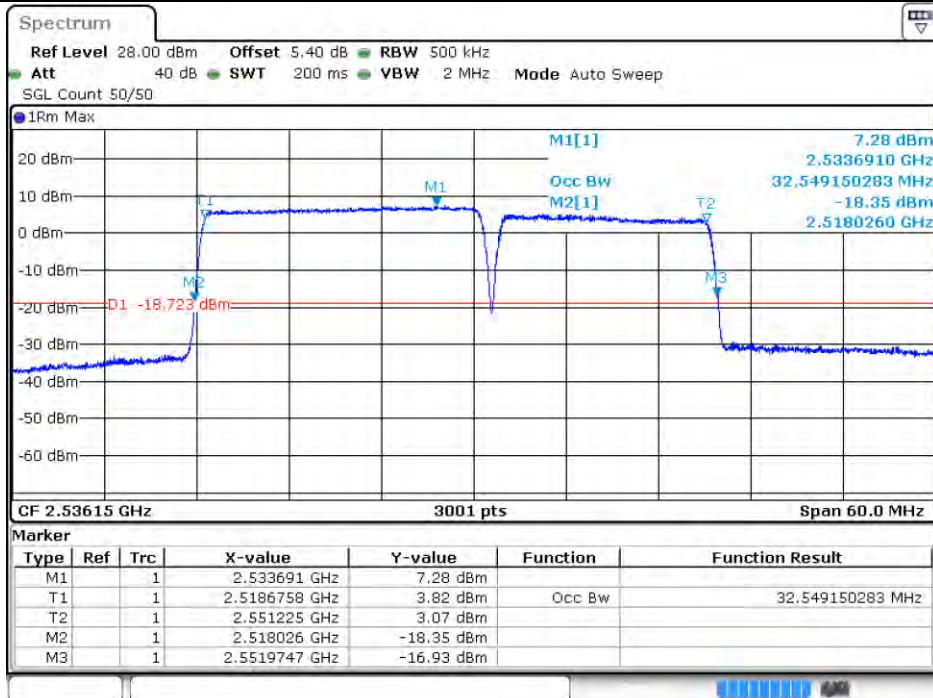


CA\_7C\_20+15\_16QAM\_20850+21021\_100RB#0+75RB#0



Date: 22.MAR.2021 09:51:05

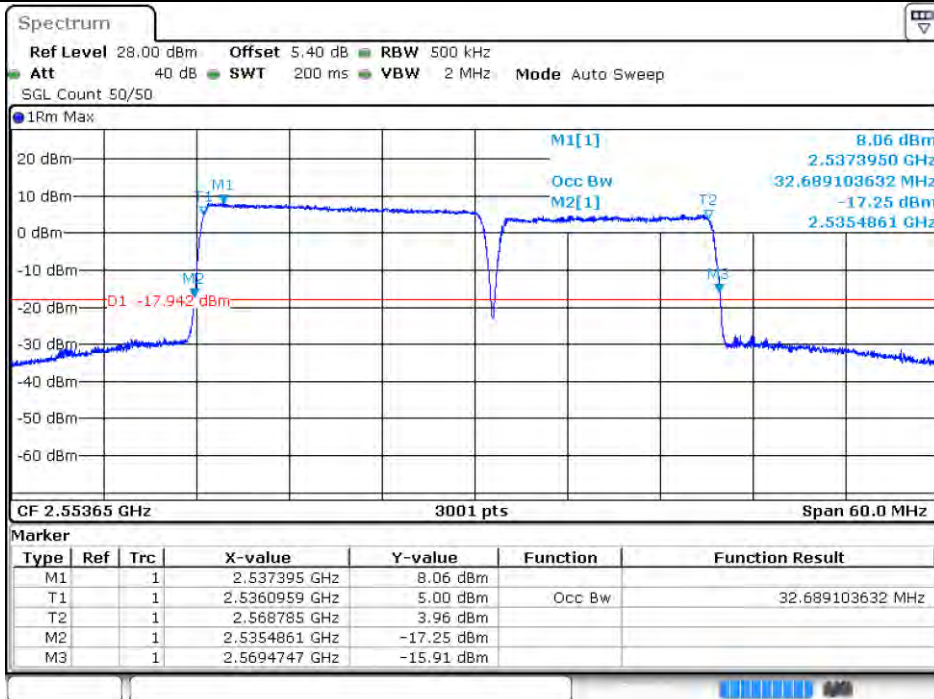
CA\_7C\_20+15\_16QAM\_21026+21197\_100RB#0+75RB#0



Date: 22.MAR.2021 09:51:41

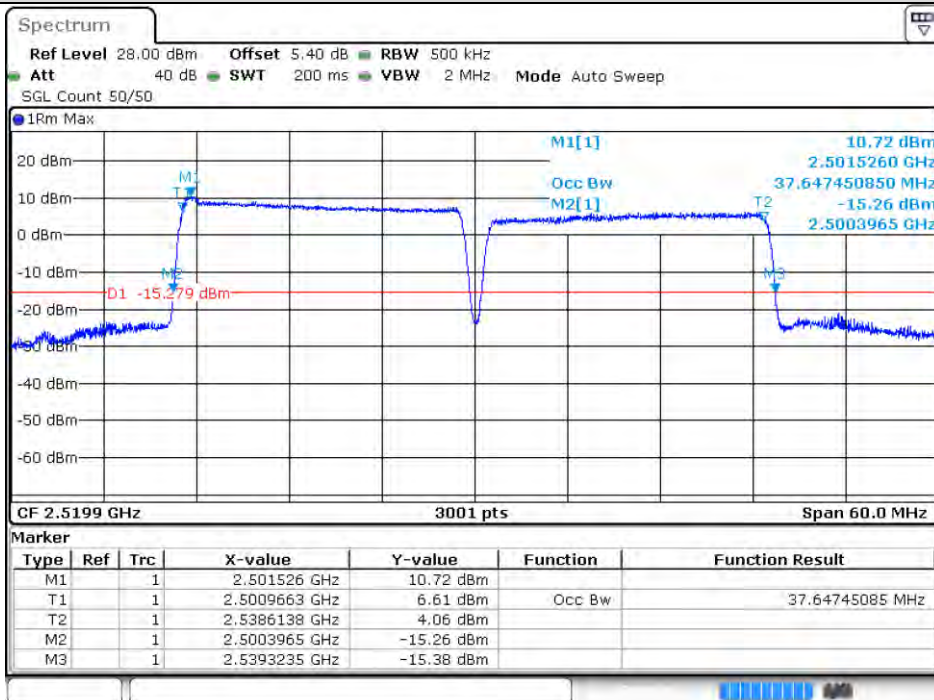


CA\_7C\_20+15\_16QAM\_21201+21372\_100RB#0+75RB#0



Date: 22.MAR.2021 09:52:17

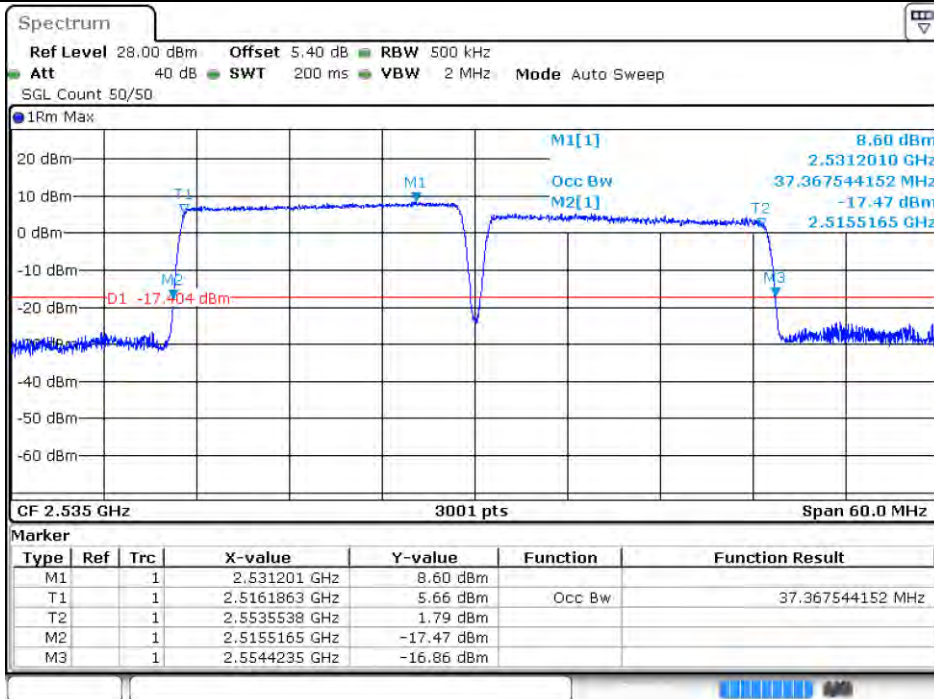
CA\_7C\_20+20\_QPSK\_20850+21048\_100RB#0+100RB#0



Date: 22.MAR.2021 10:04:35

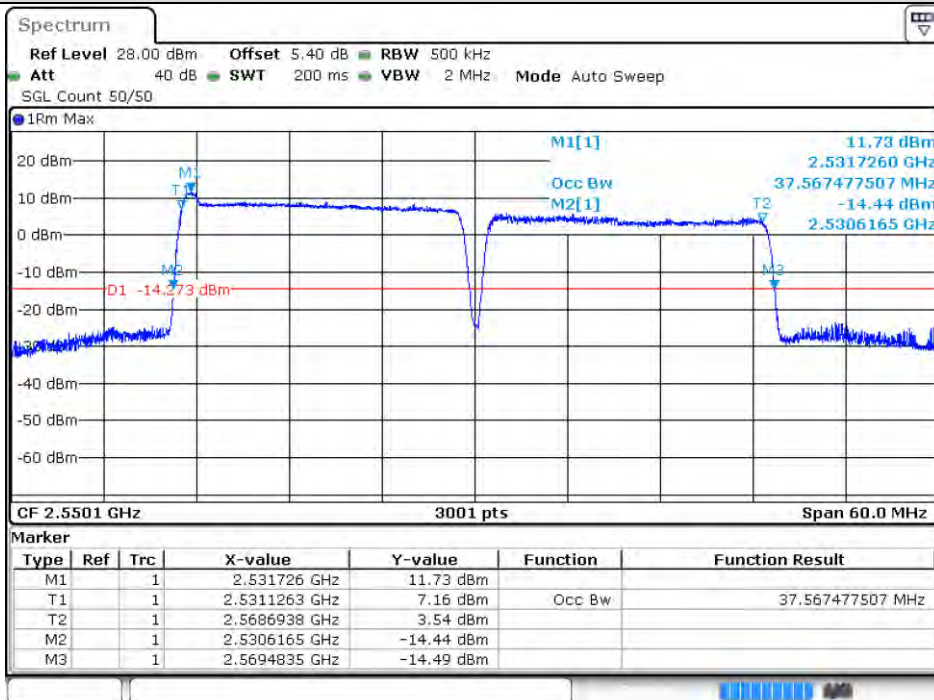


**CA\_7C\_20+20\_QPSK\_21001+21199\_100RB#0+100RB#0**



Date: 22.MAR.2021 10:05:09

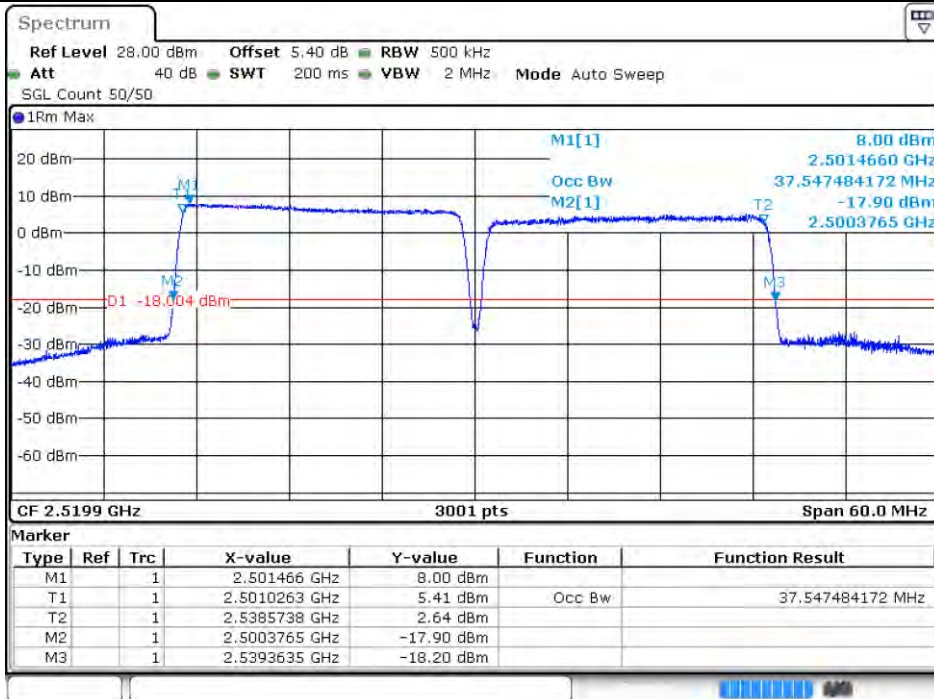
**CA\_7C\_20+20\_QPSK\_21152+21350\_100RB#0+100RB#0**



Date: 22.MAR.2021 10:05:43

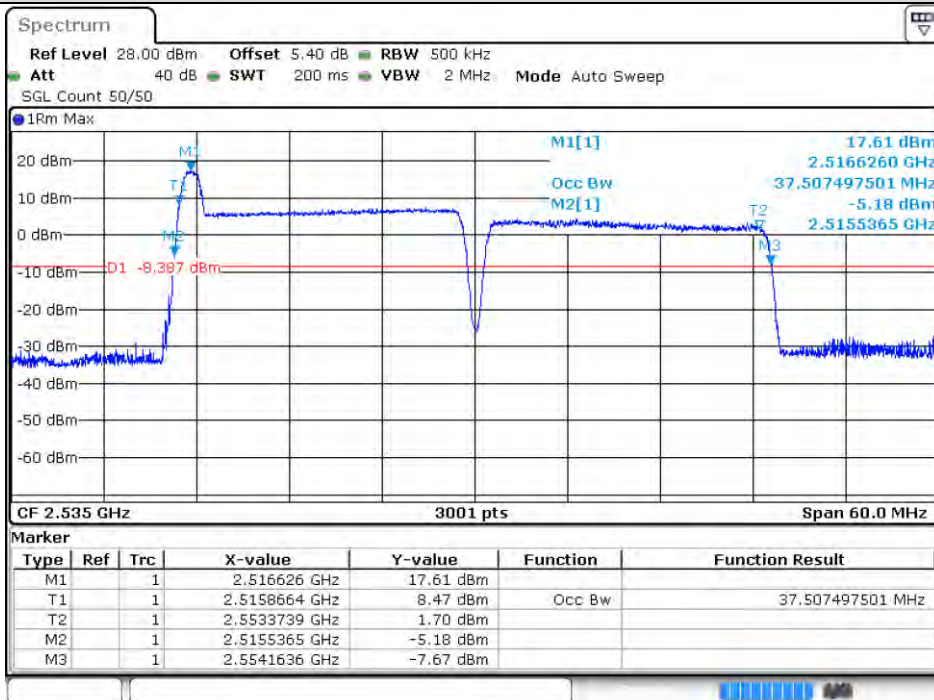


**CA\_7C\_20+20\_16QAM\_20850+21048\_100RB#0+100RB#0**



Date: 22.MAR.2021 10:04:51

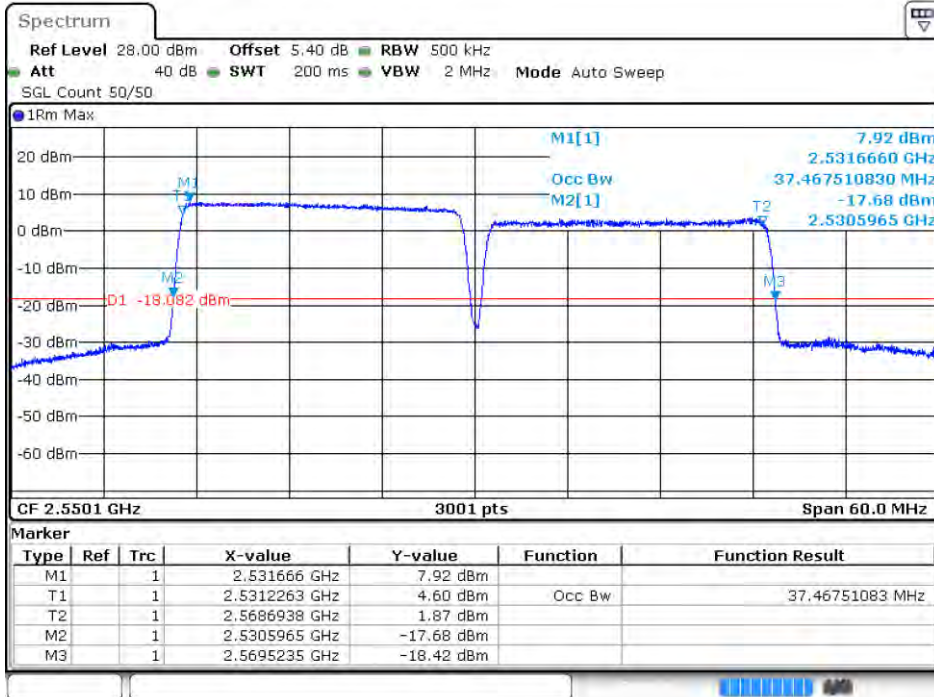
**CA\_7C\_20+20\_16QAM\_21001+21199\_100RB#0+100RB#0**



Date: 22.MAR.2021 10:05:25



CA\_7C\_20+20\_16QAM\_21152+21350\_100RB#0+100RB#0



Date: 22.MAR.2021 10:05:59



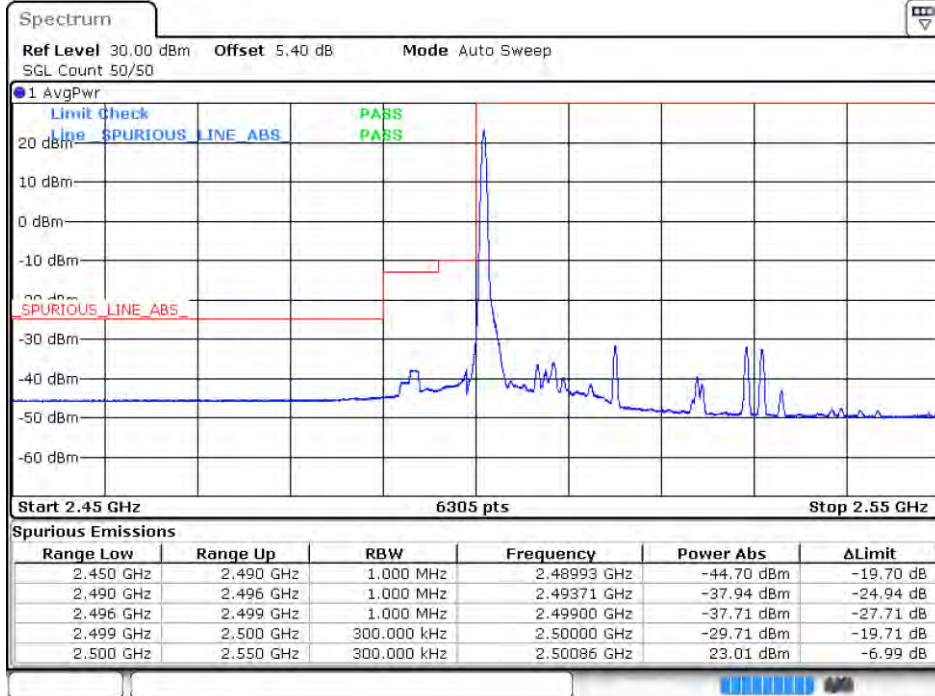


## 5 Band Edges Compliance

### 5.1 For LTE

#### 5.1.1 Test Band = LTE Band CA\_7C

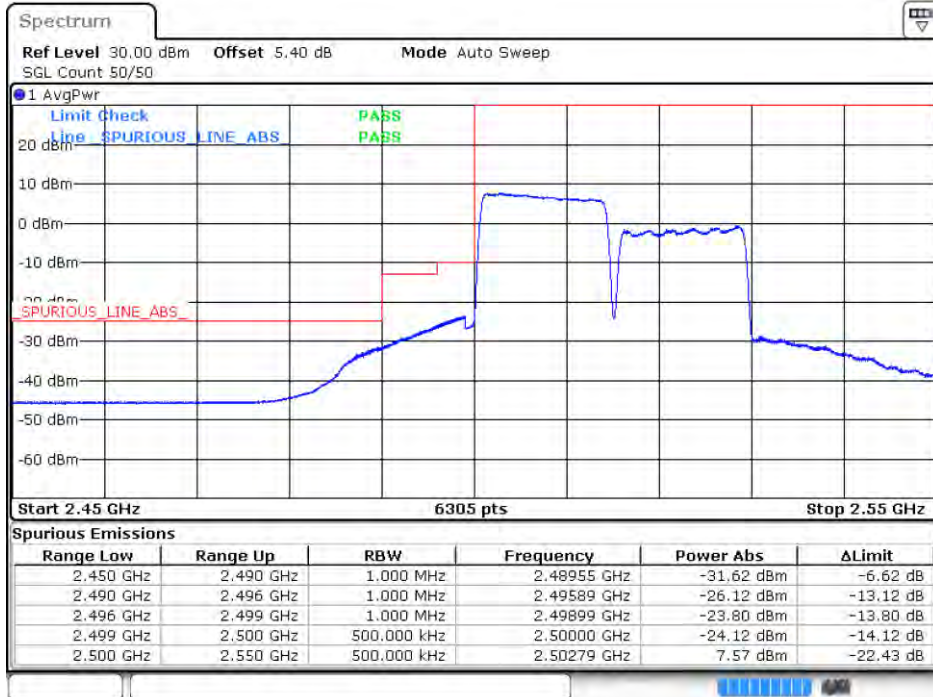
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Date: 22.MAR.2021 10:07:08

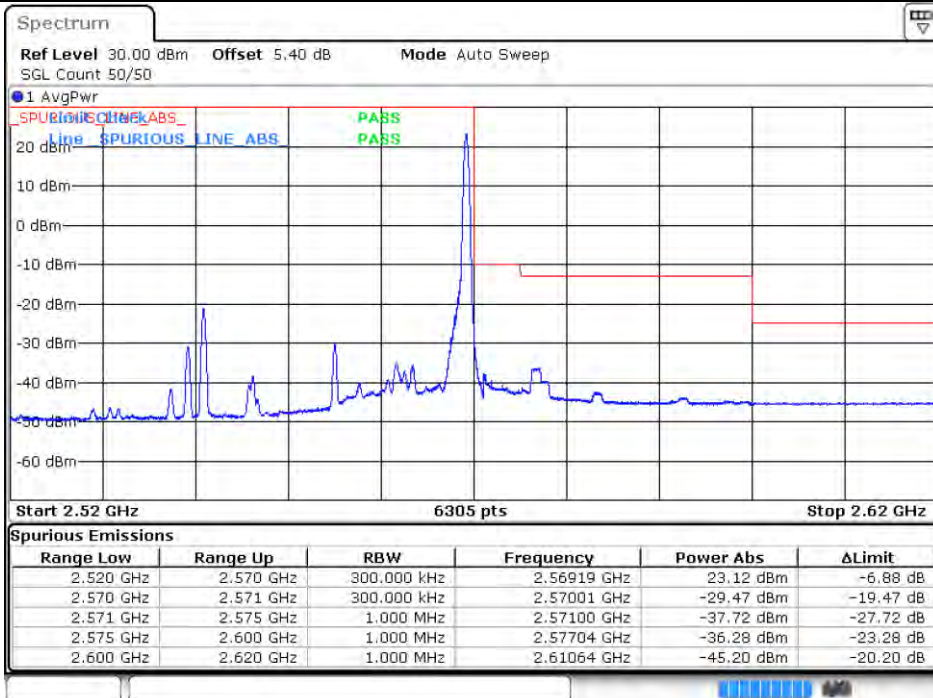


CA\_7C\_75RB+75RB\_QPSK\_20825+20975\_75RB#0+75RB#0



Date: 22.MAR.2021 10:08:13

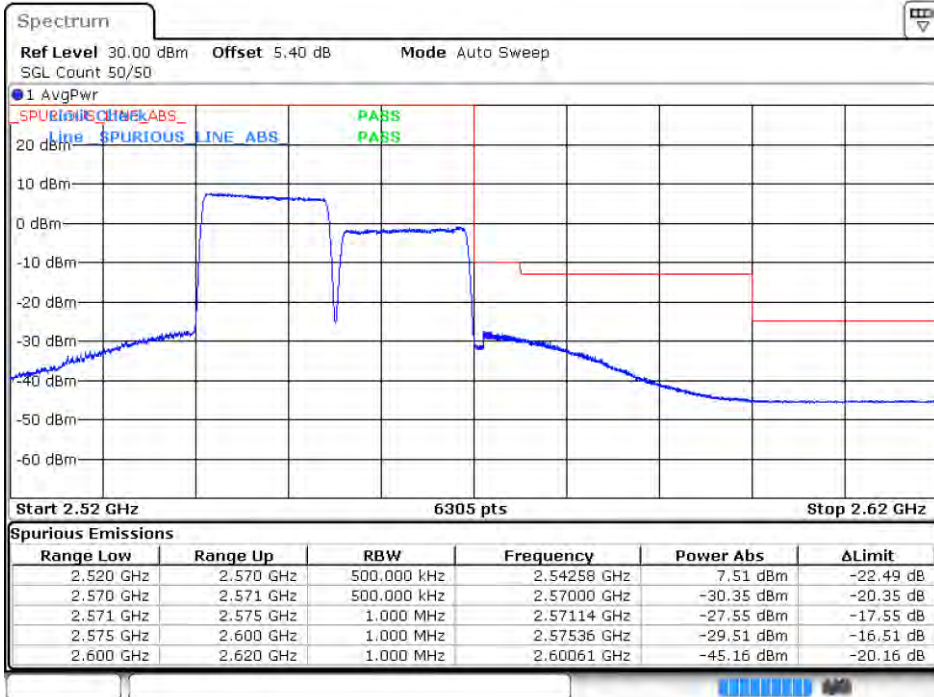
CA\_7C\_75RB+75RB\_QPSK\_21225+21375\_0RB#0+1RB#74



Date: 22.MAR.2021 10:09:02

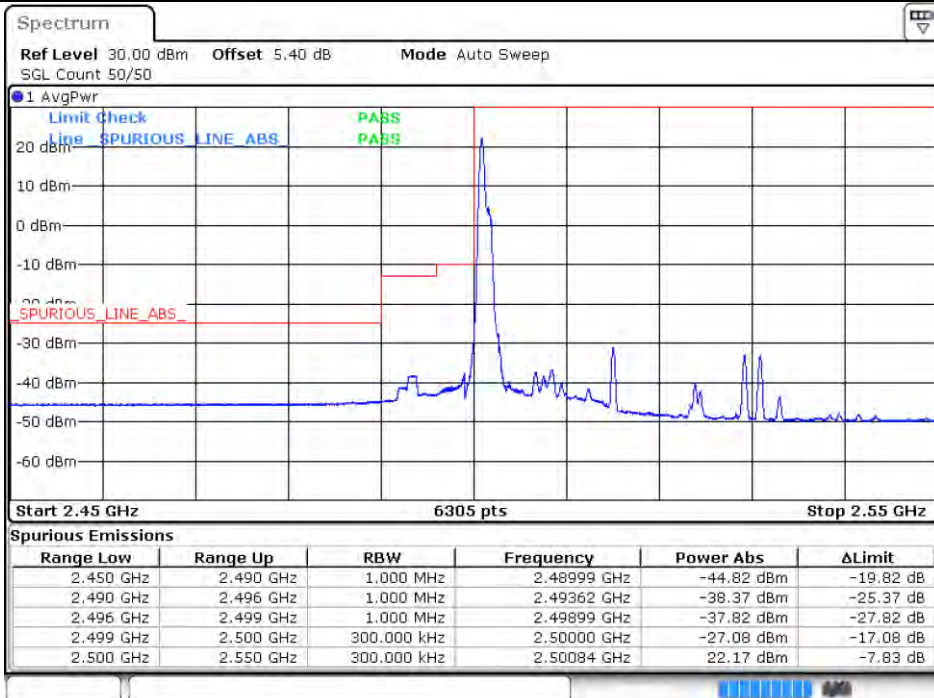


**CA\_7C\_75RB+75RB\_QPSK\_21225+21375\_75RB#0+75RB#0**



Date: 22.MAR.2021 10:10:37

**CA\_7C\_75RB+75RB\_16QAM\_20825+20975\_1RB#0+0RB#0**

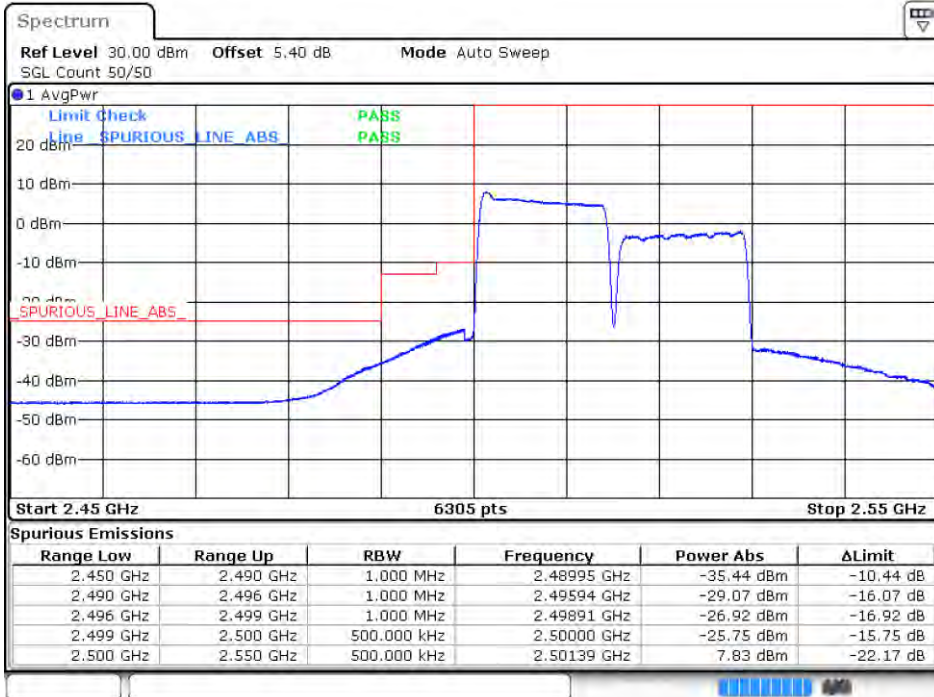


Date: 22.MAR.2021 10:07:37



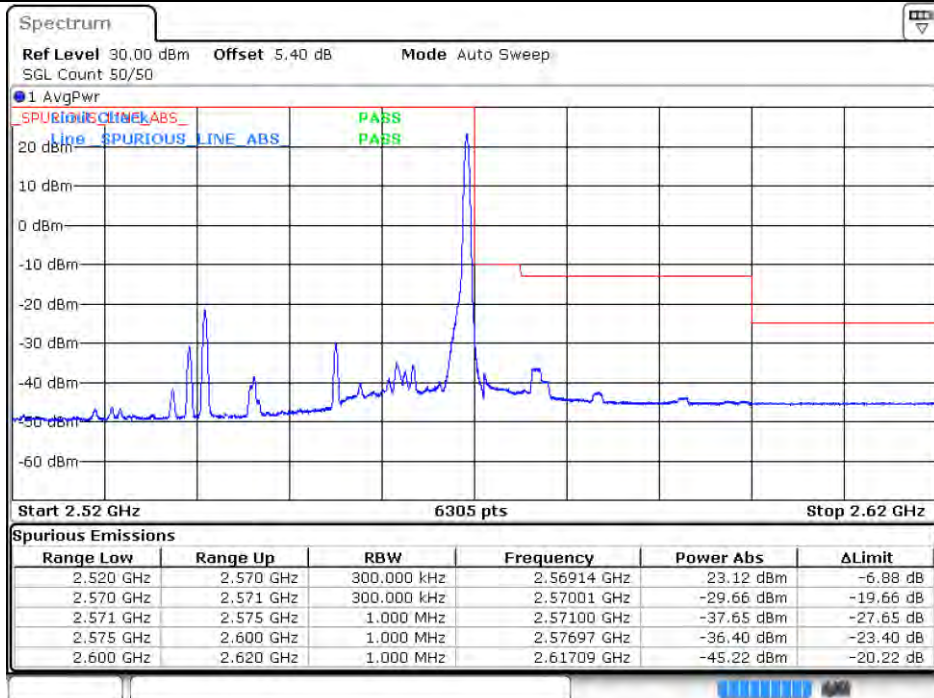


**CA\_7C\_75RB+75RB\_16QAM\_20825+20975\_75RB#0+75RB#0**



Date: 22.MAR.2021 10:08:42

**CA\_7C\_75RB+75RB\_16QAM\_21225+21375\_0RB#0+1RB#74**



Date: 22.MAR.2021 10:09:17

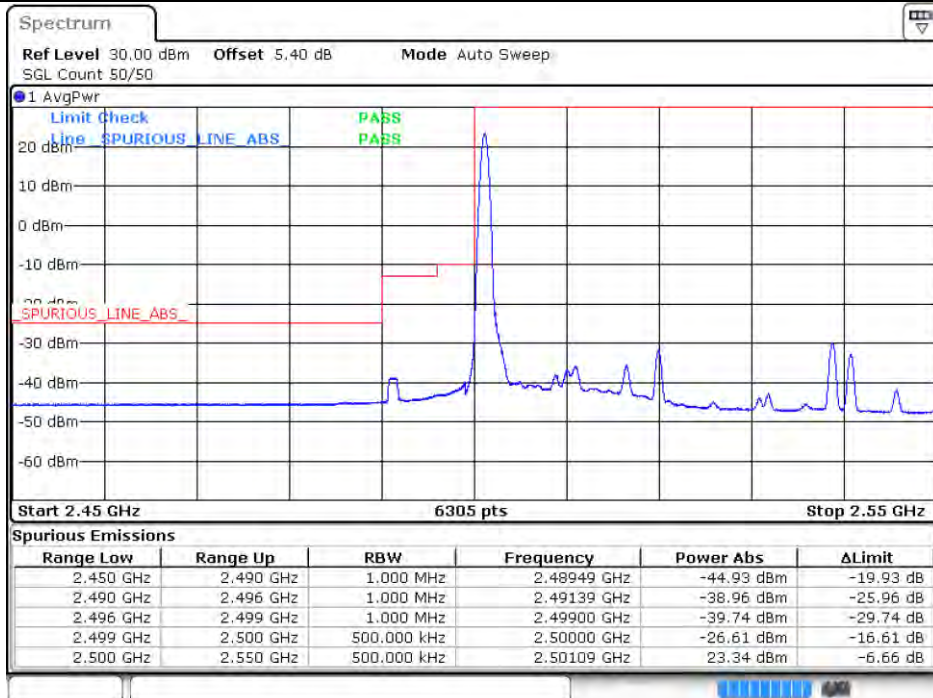


**CA\_7C\_75RB+75RB\_16QAM\_21225+21375\_75RB#0+75RB#0**



Date: 22.MAR.2021 10:10:53

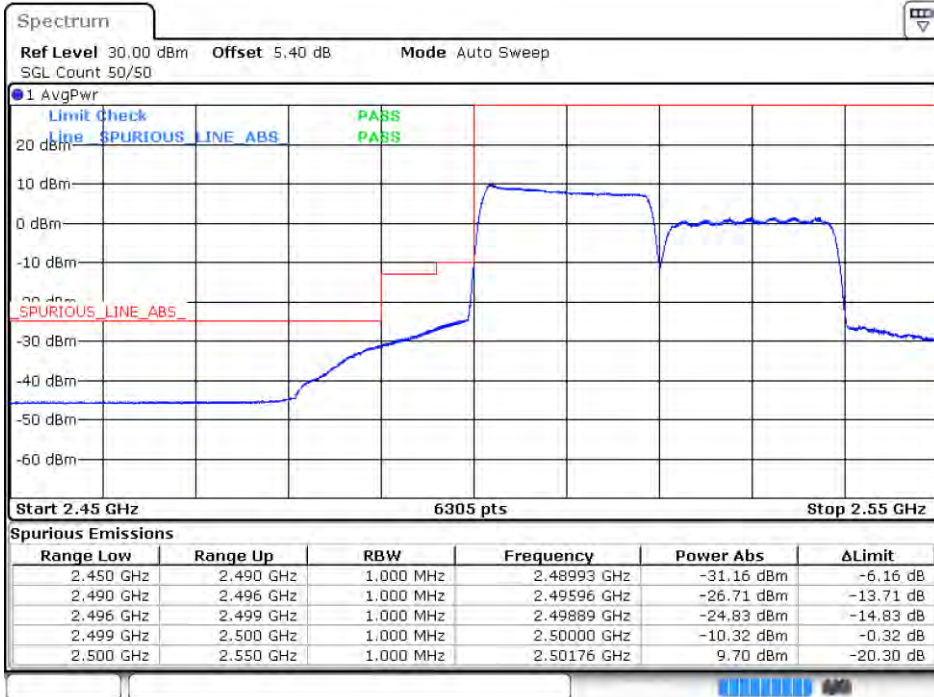
**CA\_7C\_100RB+100RB\_QPSK\_20850+21048\_1RB#0+0RB#0**



Date: 22.MAR.2021 10:12:20

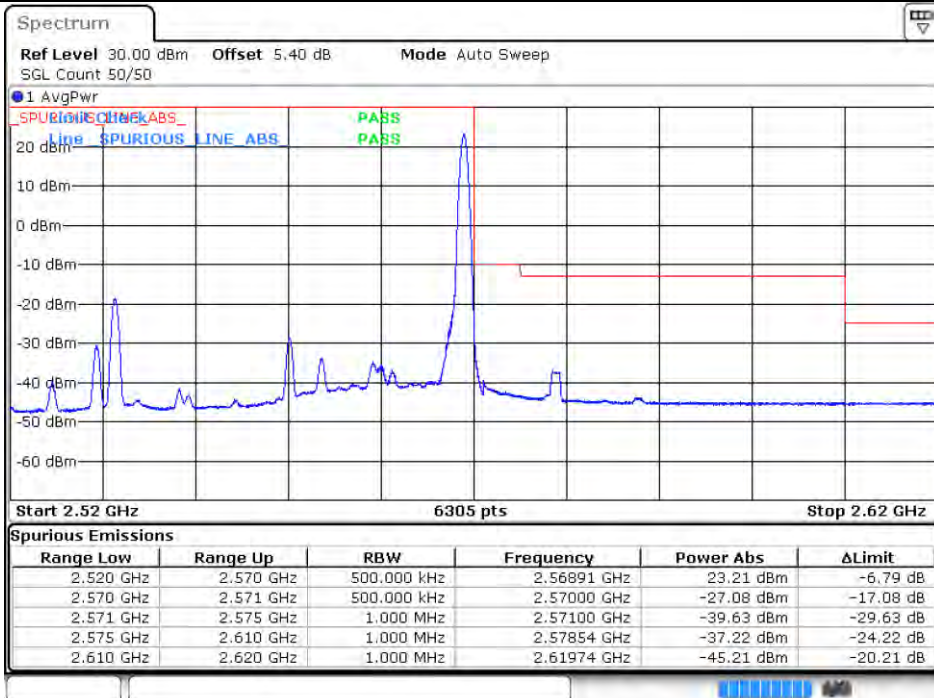


**CA\_7C\_100RB+100RB\_QPSK\_20850+21048\_100RB#0+100RB#0**



Date: 22.MAR.2021 11:38:41

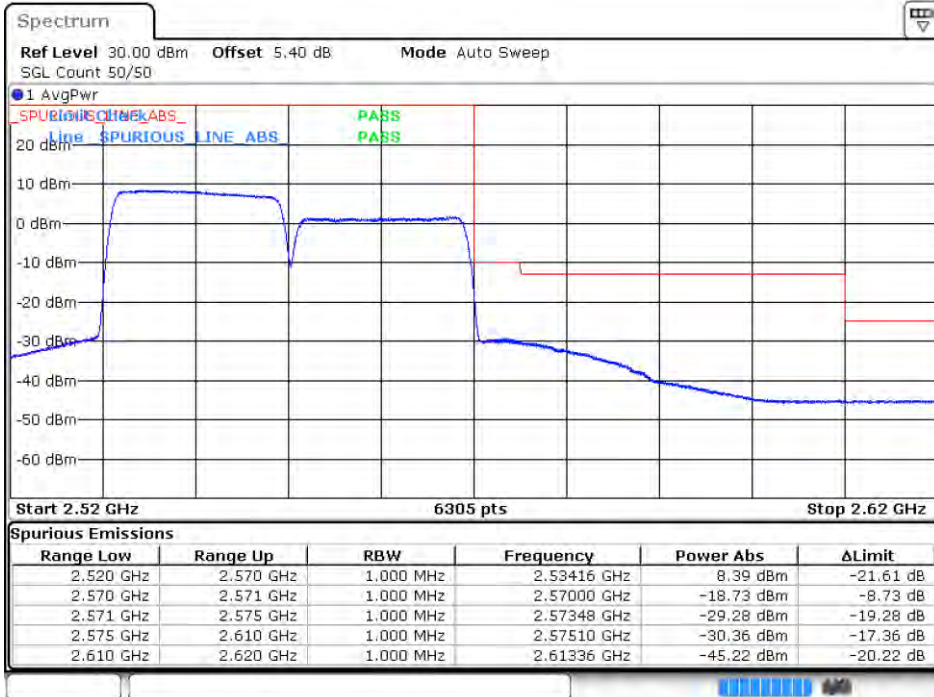
**CA\_7C\_100RB+100RB\_QPSK\_21152+21350\_0RB#0+1RB#99**



Date: 22.MAR.2021 10:14:21

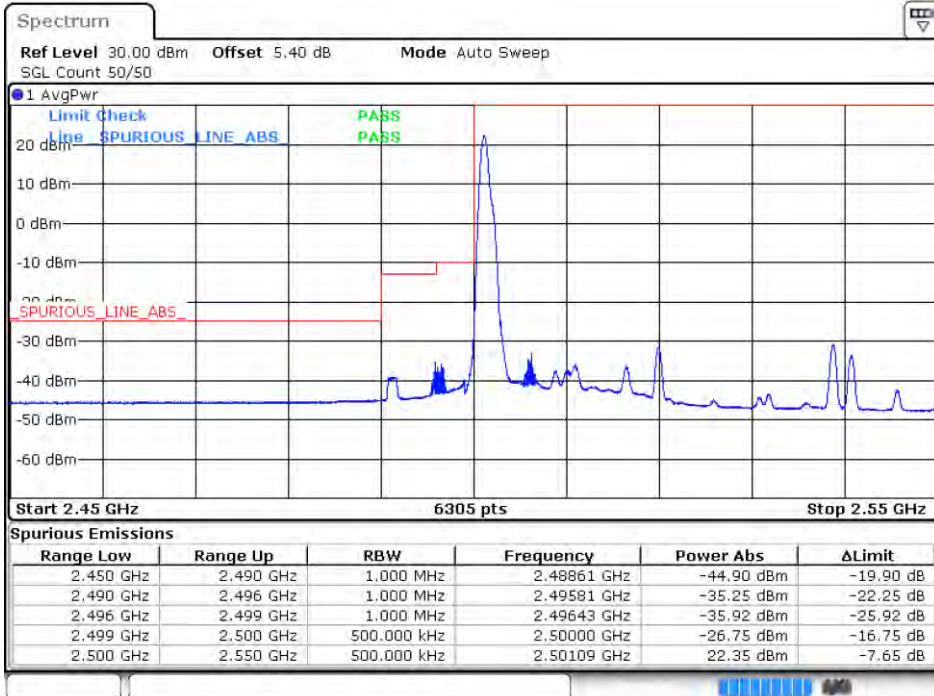


**CA\_7C\_100RB+100RB\_QPSK\_21152+21350\_100RB#0+100RB#0**



Date: 22.MAR.2021 10:15:56

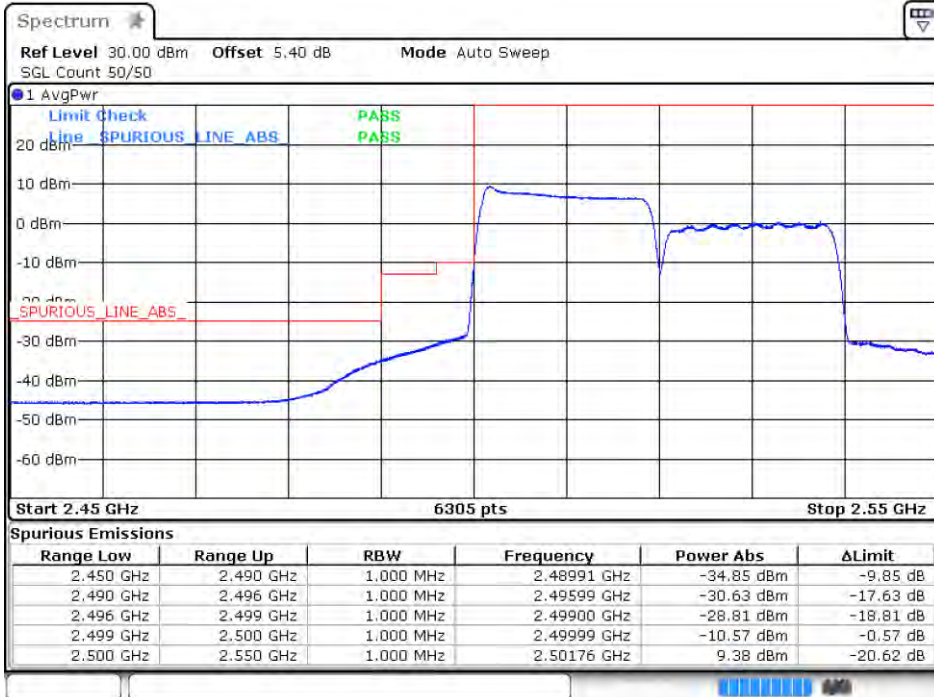
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Date: 22.MAR.2021 10:12:49

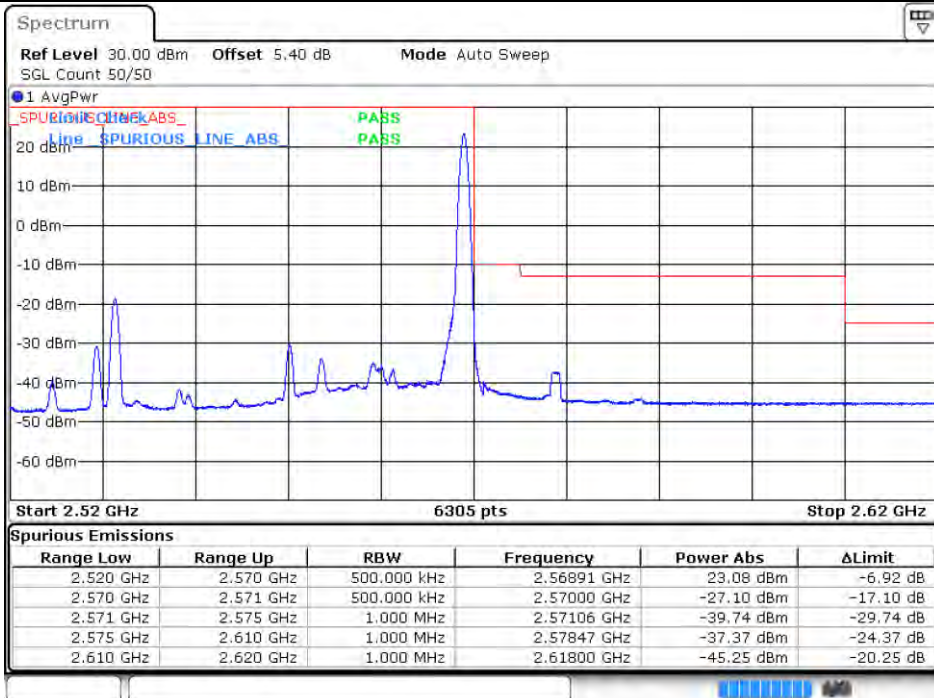


**CA\_7C\_100RB+100RB\_16QAM\_20850+21048\_100RB#0+100RB#0**



Date: 22.MAR.2021 11:39:32

**CA\_7C\_100RB+100RB\_16QAM\_21152+21350\_0RB#0+1RB#99**

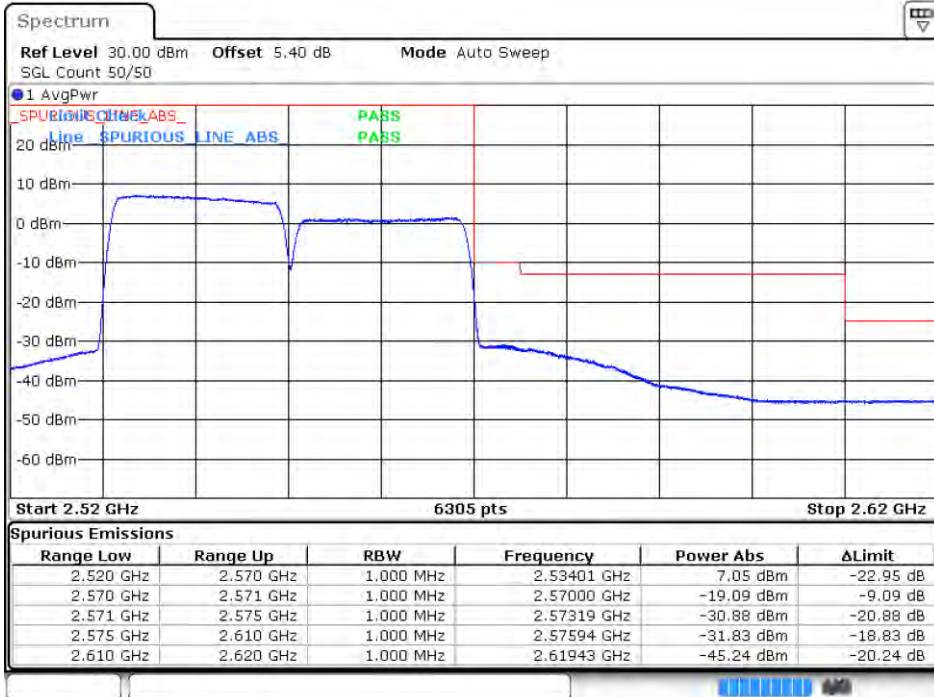


Date: 22.MAR.2021 10:14:36





CA\_7C\_100RB+100RB\_16QAM\_21152+21350\_100RB#0+100RB#0



Date: 22.MAR.2021 10:16:40



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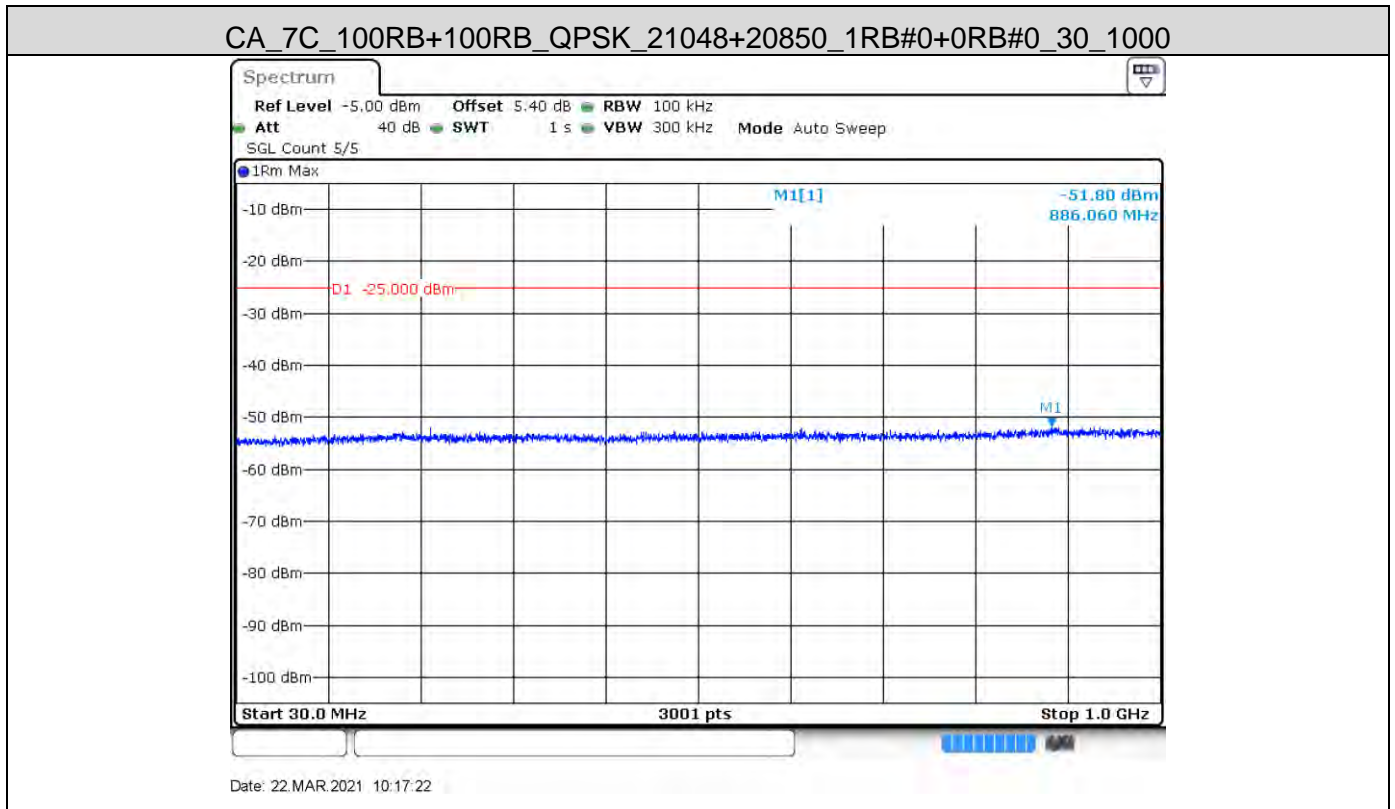
## 6 Spurious Emission at Antenna Terminal

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

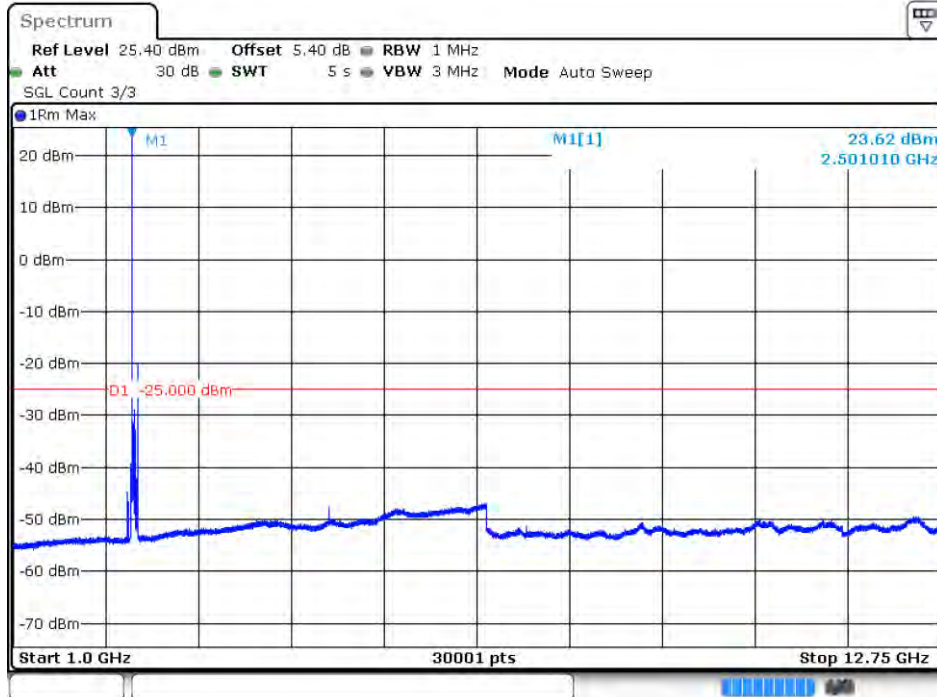
### 6.1 For LTE

#### 6.1.1 Test Band = LTE Band CA\_7C



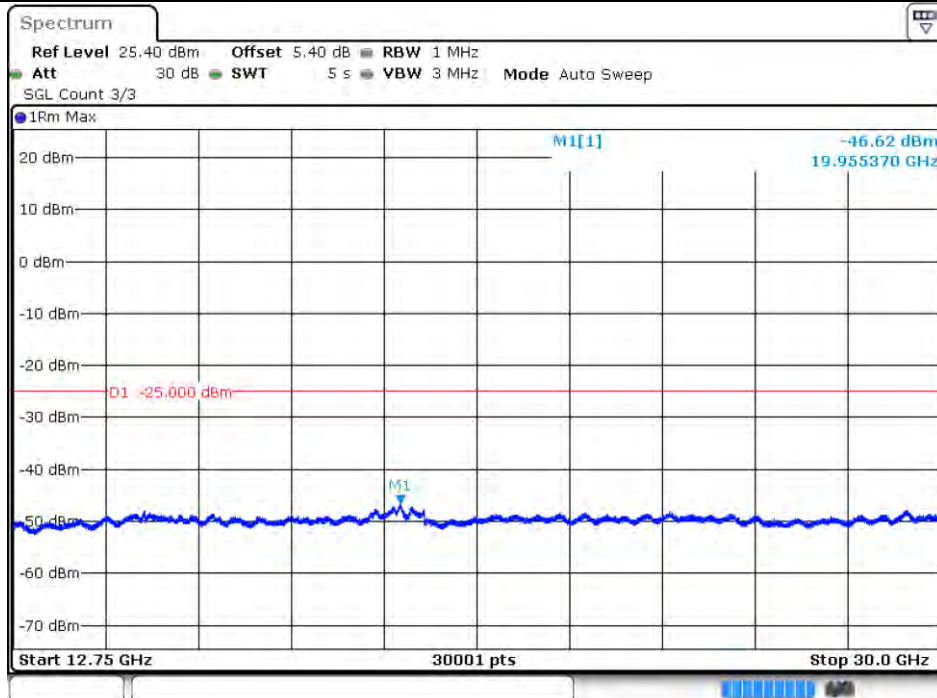


**CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_1RB#0+0RB#0\_1000\_12750**



Date: 22.MAR.2021 10:20:44

**CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_1RB#0+0RB#0\_12750\_30000**



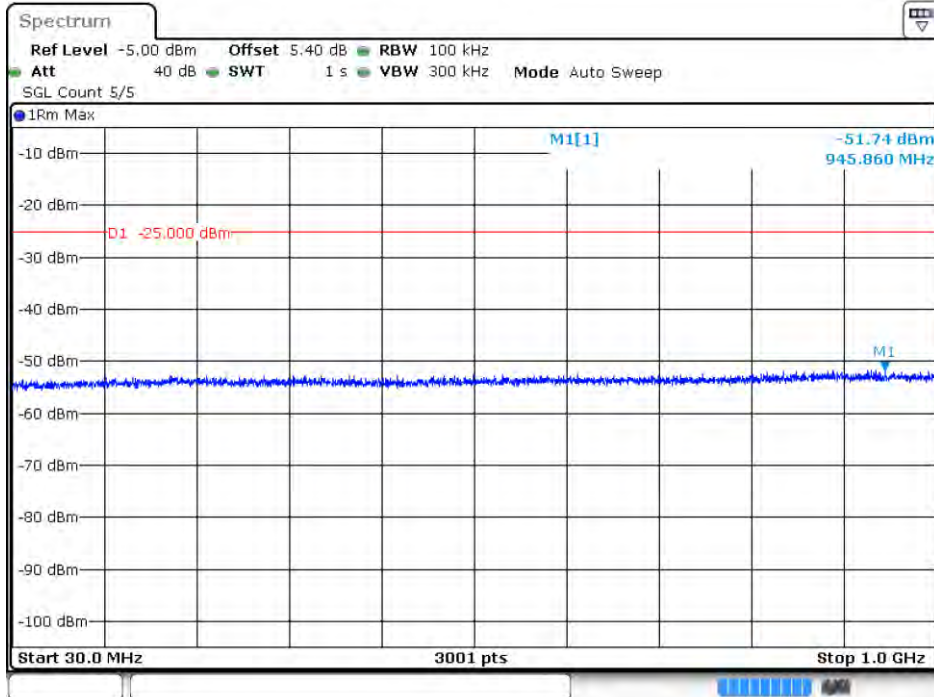
Date: 22.MAR.2021 10:26:16





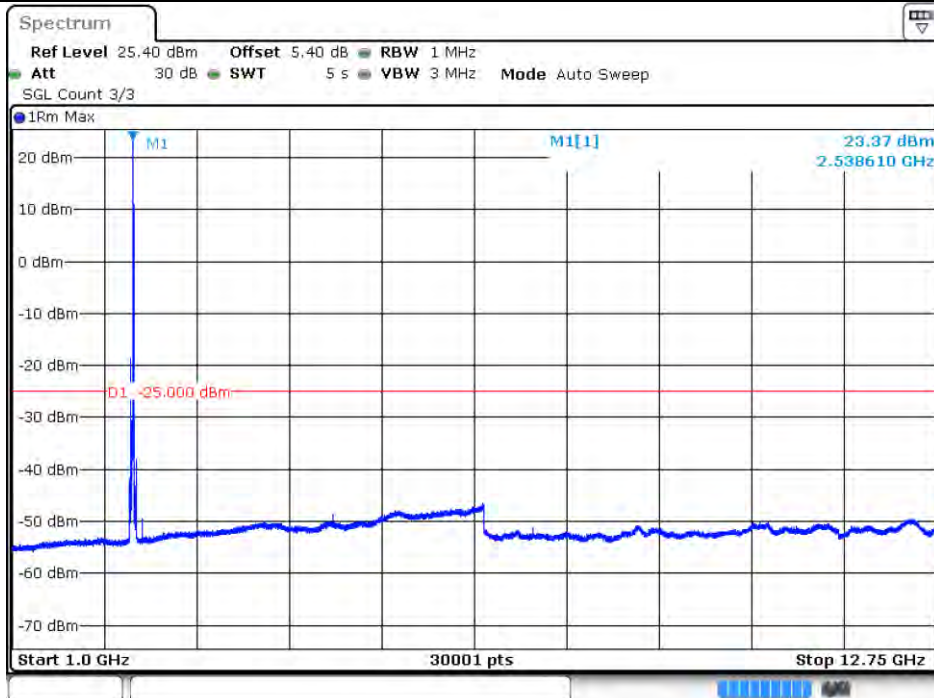


CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_0RB#0+1RB#99\_30\_1000



Date: 22.MAR.2021 10:17:29

CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_0RB#0+1RB#99\_1000\_12750

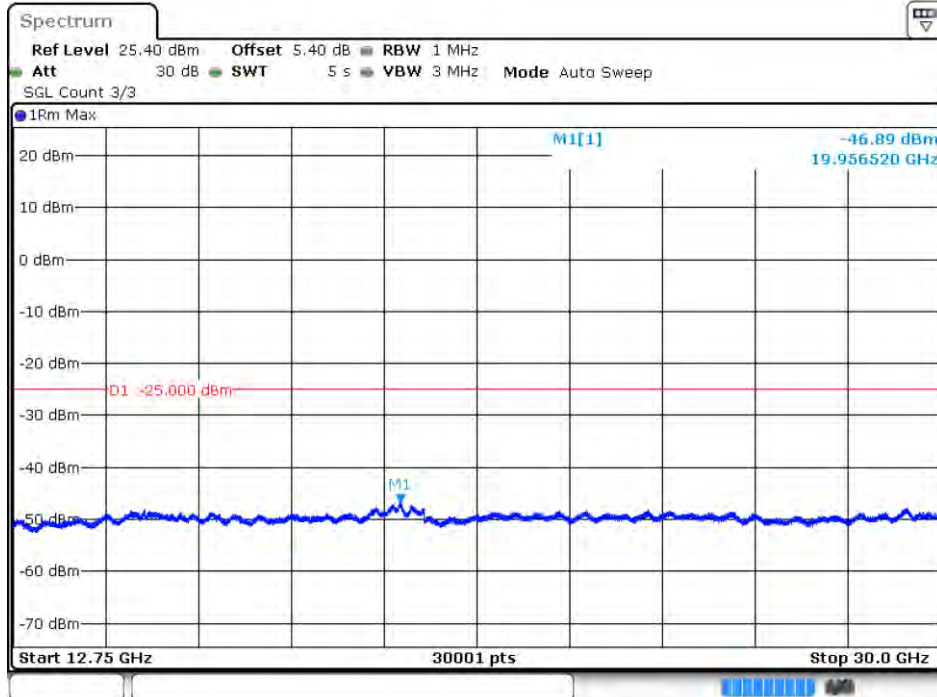


Date: 22.MAR.2021 10:21:01



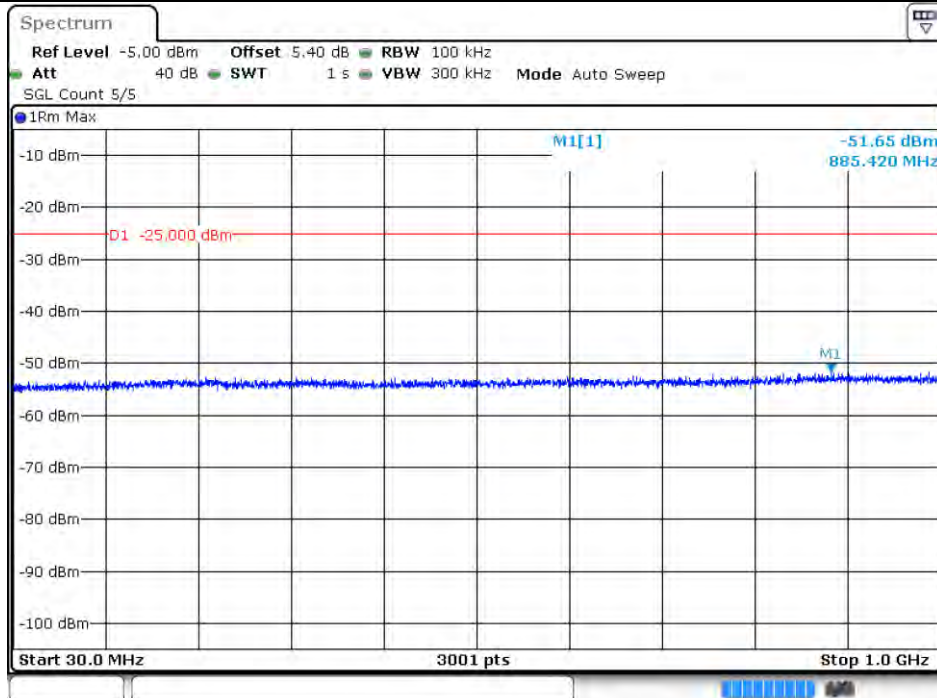


CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_0RB#0+1RB#99\_12750\_30000



Date: 22.MAR.2021 10:26:33

CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_100RB#0+100RB#0\_30\_1000

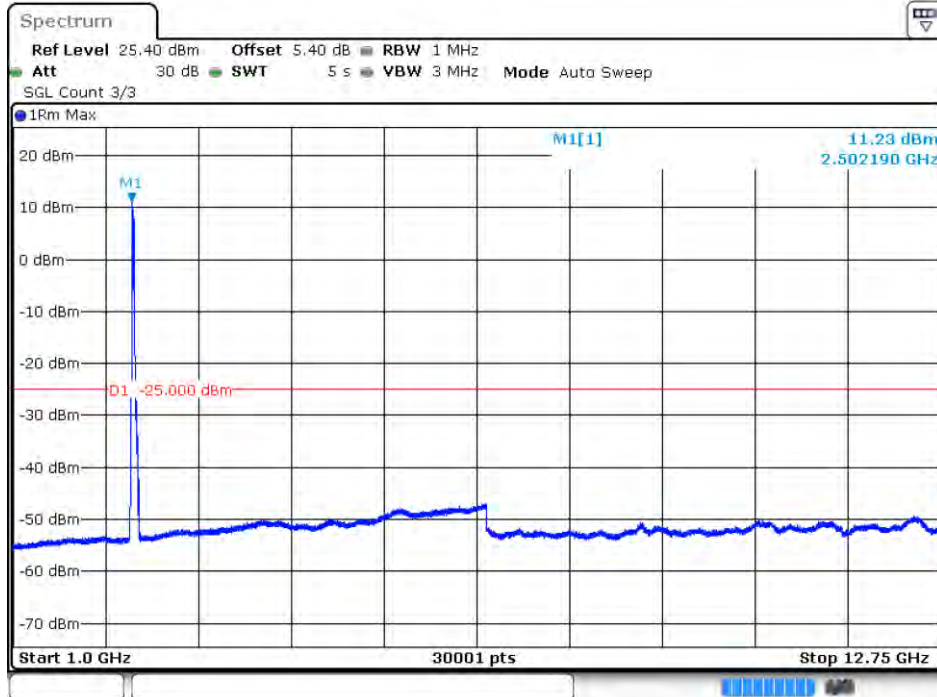


Date: 22.MAR.2021 10:17:36



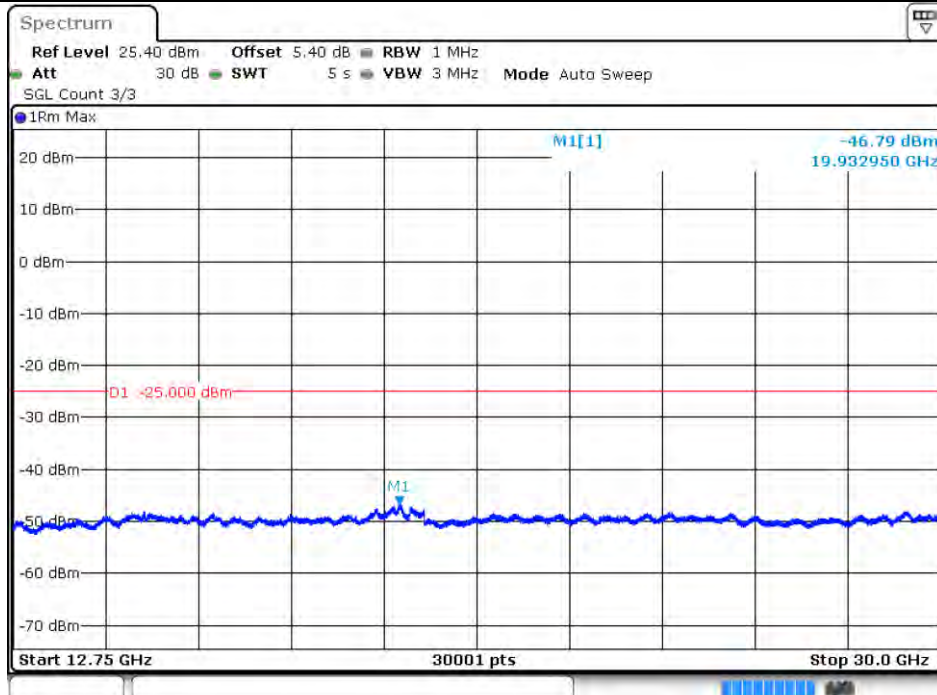


CA\_7C\_100RB+100RB\_QPSK\_21048+20850\_100RB#0+100RB#0\_1000\_12750



Date: 22.MAR.2021 10:21:18

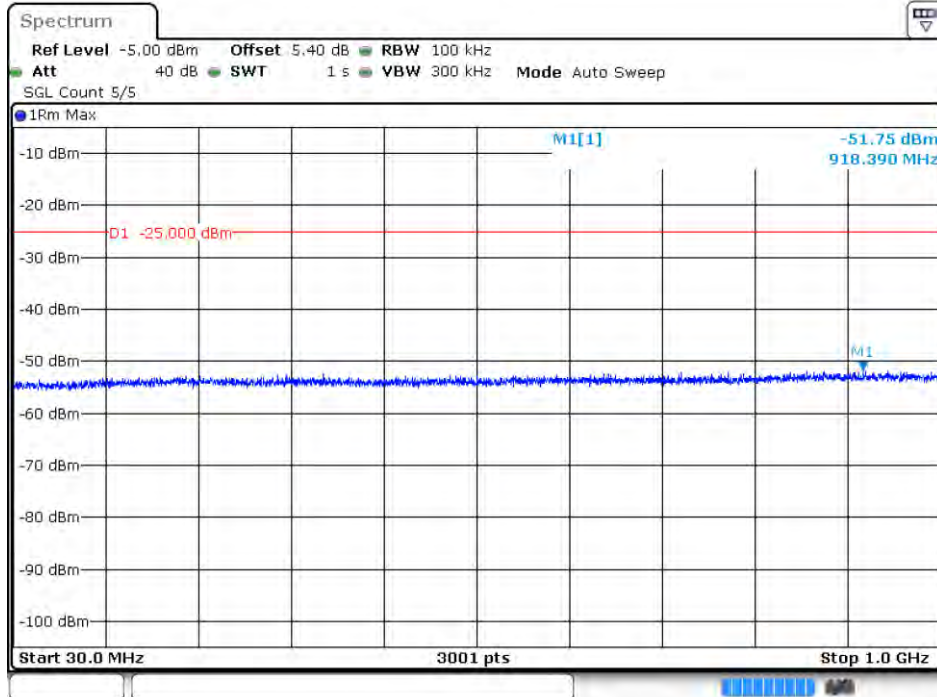
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Date: 22.MAR.2021 10:26:50

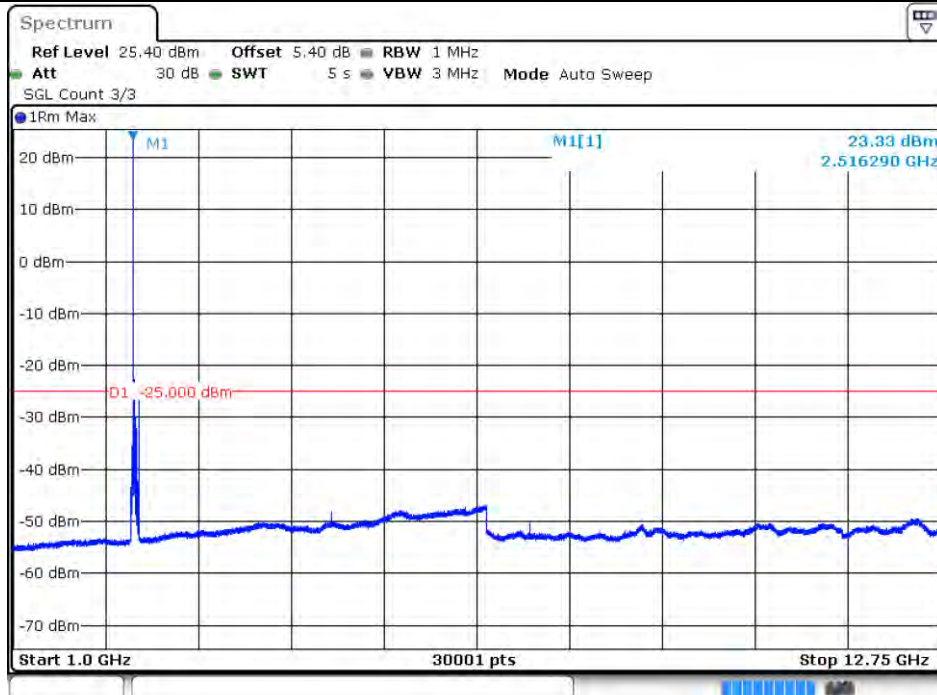


CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_1RB#0+0RB#0\_30\_1000



Date: 22.MAR.2021 10:18:10

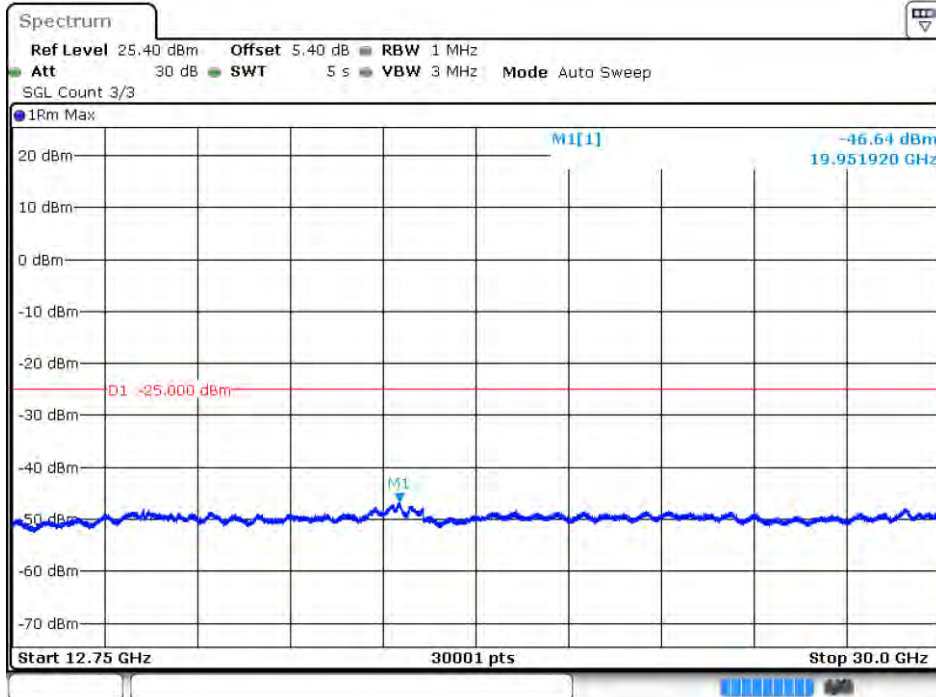
CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_1RB#0+0RB#0\_1000\_12750



Date: 22.MAR.2021 10:22:26

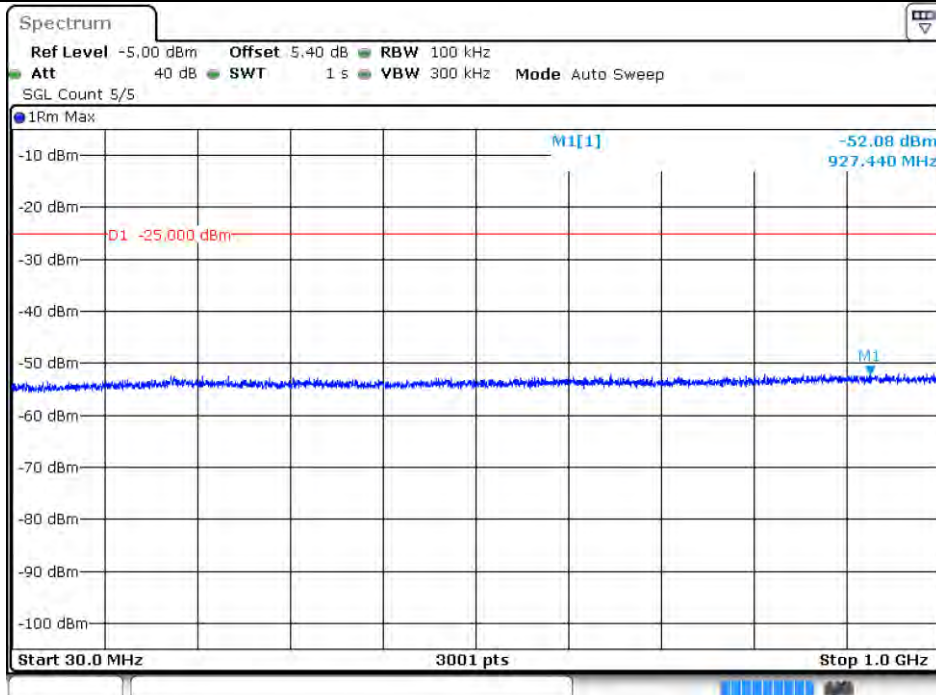


CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_1RB#0+0RB#0\_12750\_30000



Date: 22.MAR.2021 10:28:00

CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_0RB#0+1RB#99\_30\_1000

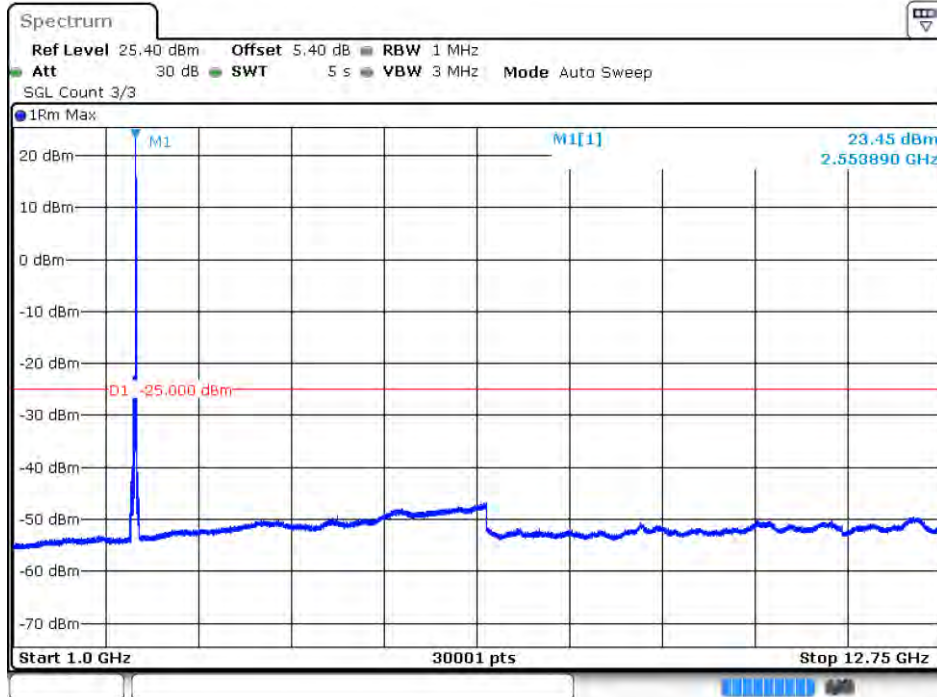


Date: 22.MAR.2021 10:18:16



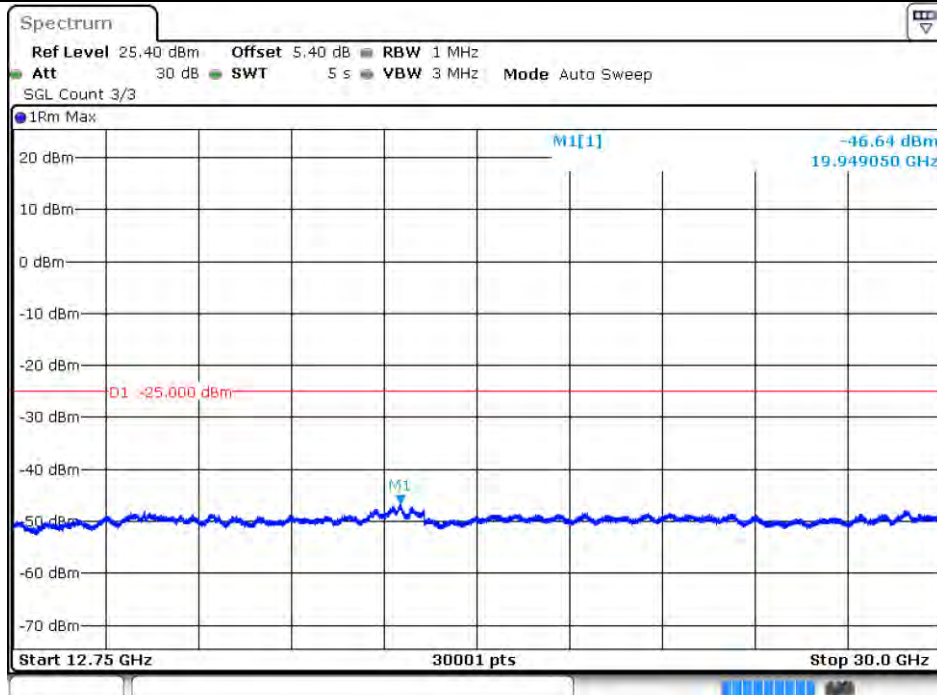


CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_ORB#0+1RB#99\_1000\_12750



Date: 22.MAR.2021 10:22:43

CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_ORB#0+1RB#99\_12750\_30000

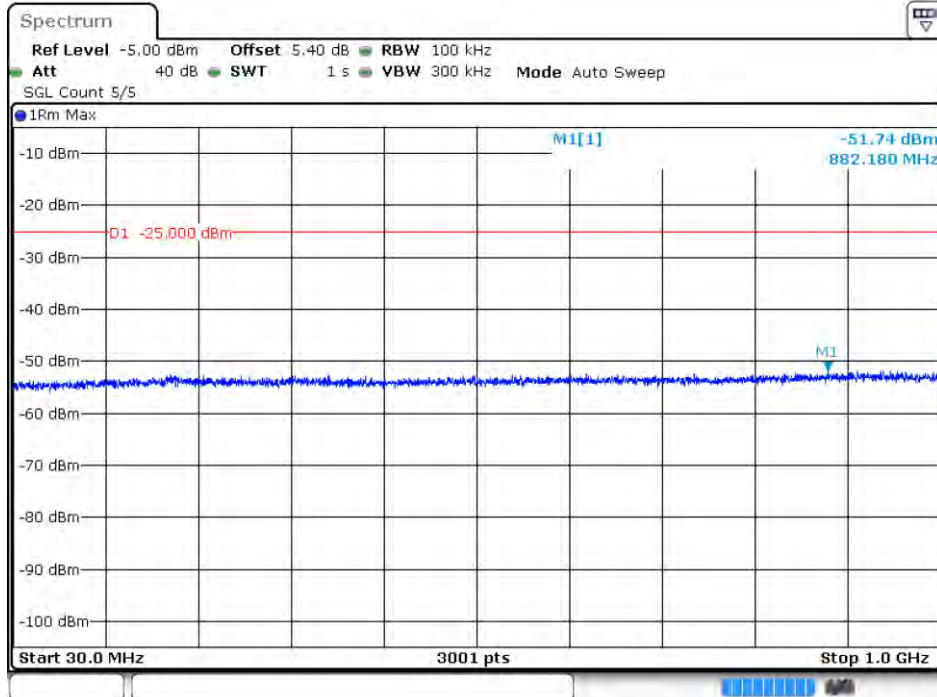


Date: 22.MAR.2021 10:28:17



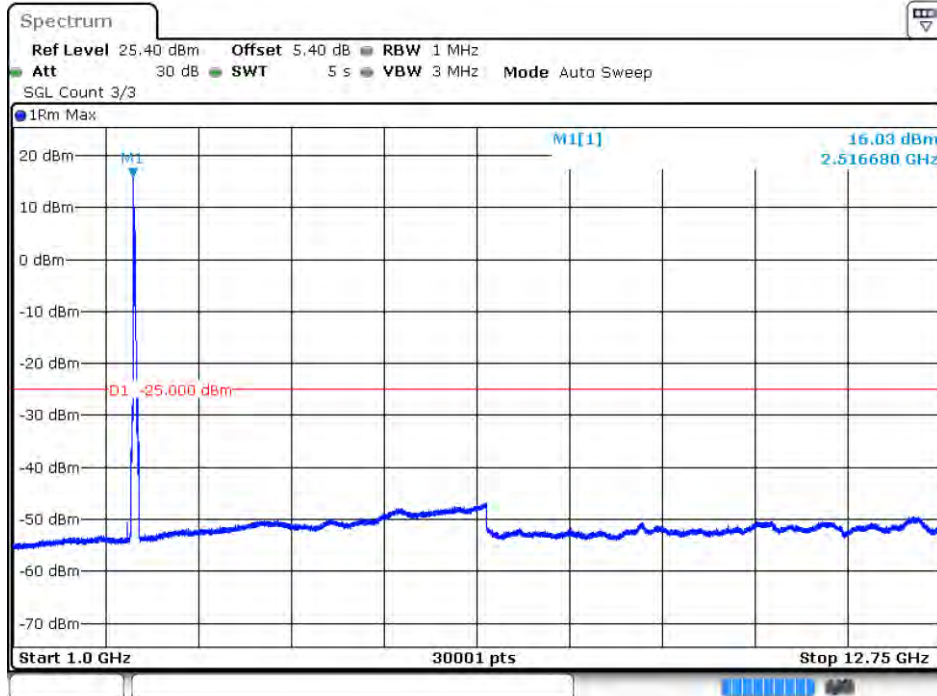


CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_100RB#0+100RB#0\_30\_1000



Date: 22.MAR.2021 10:18:22

CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_100RB#0+100RB#0\_1000\_12750

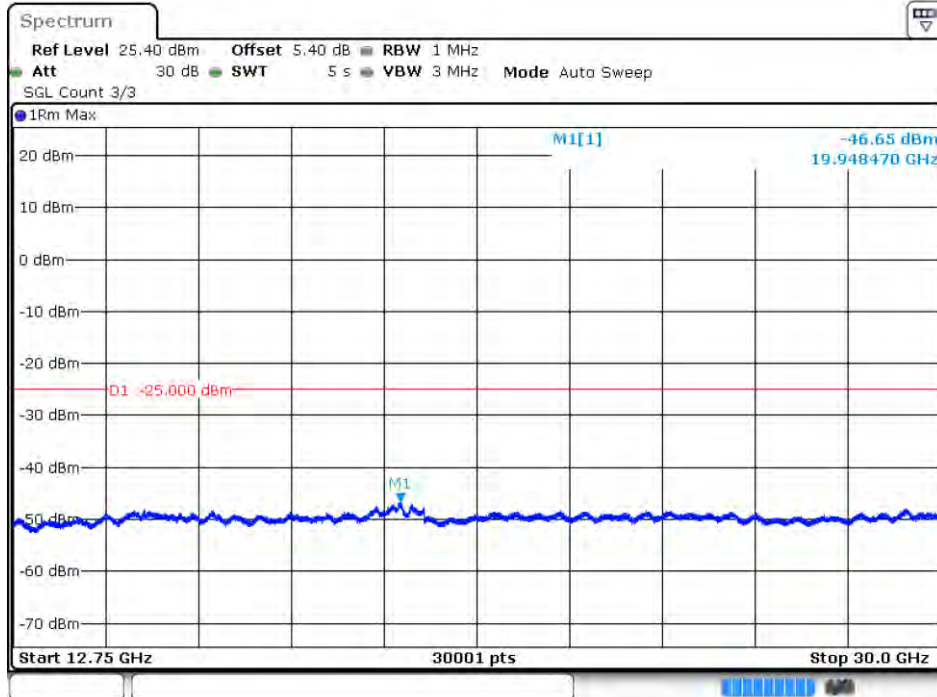


Date: 22.MAR.2021 10:23:00



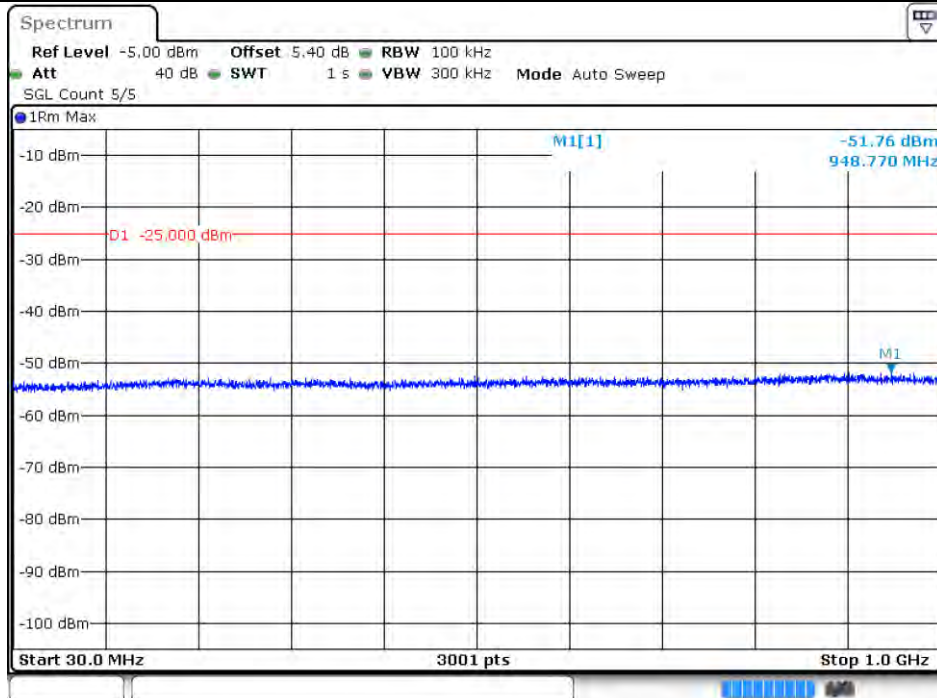


CA\_7C\_100RB+100RB\_QPSK\_21199+21001\_100RB#0+100RB#0\_12750\_30000



Date: 22.MAR.2021 10:28:34

CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_1RB#0+0RB#0\_30\_1000



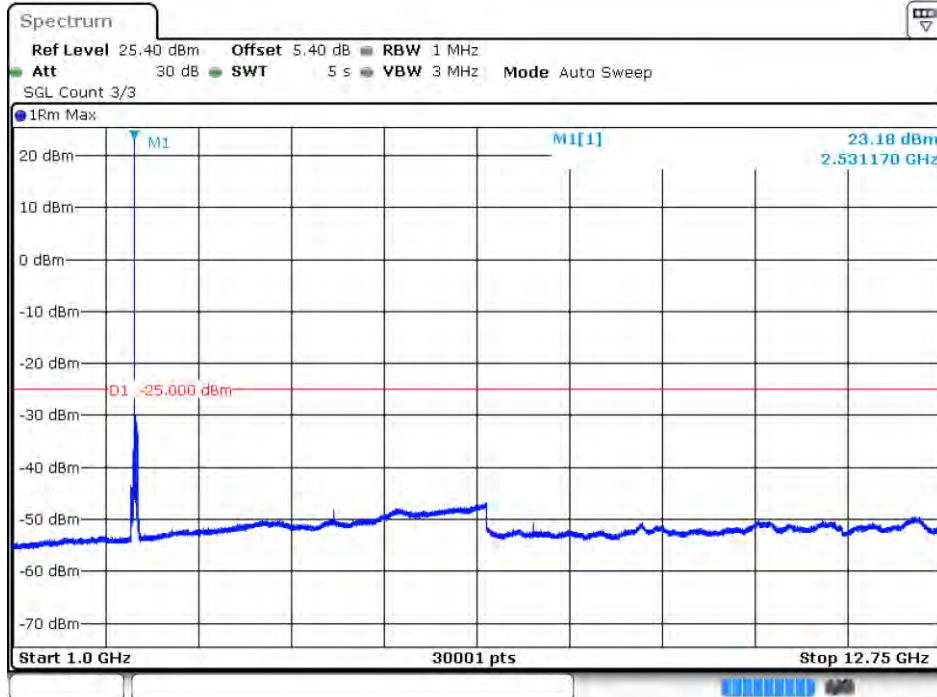
Date: 22.MAR.2021 10:18:48





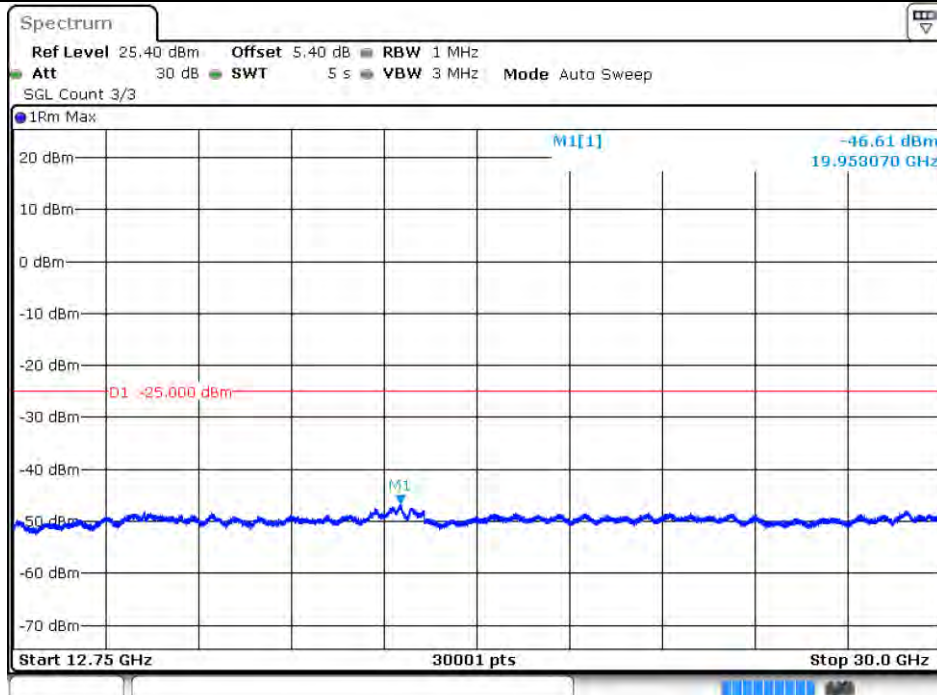


**CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_1RB#0+0RB#0\_1000\_12750**



Date: 22.MAR.2021 10:24:12

**CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_1RB#0+0RB#0\_12750\_30000**

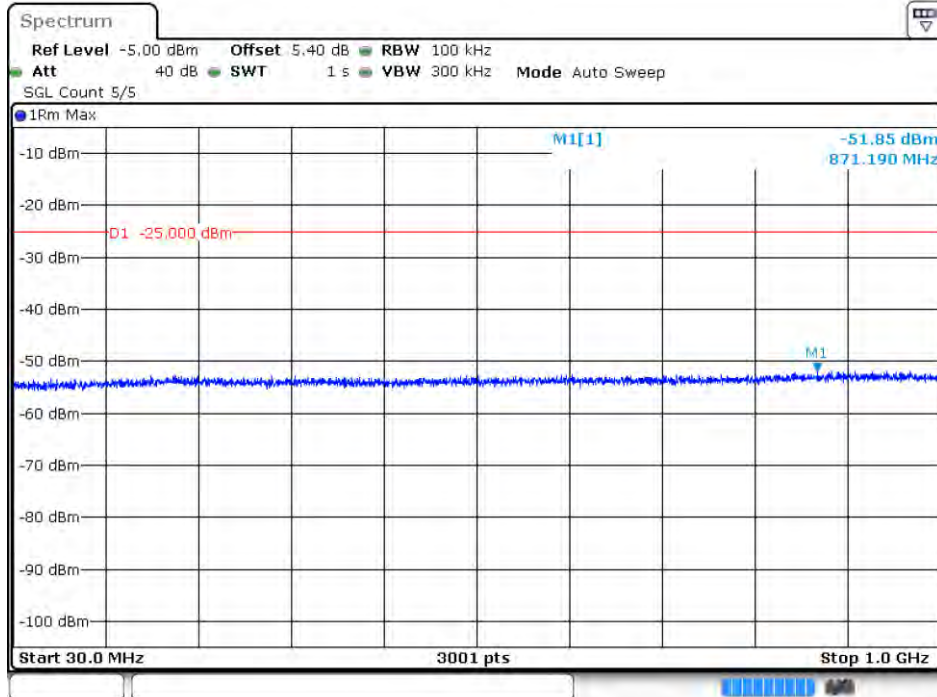


Date: 22.MAR.2021 10:30:27



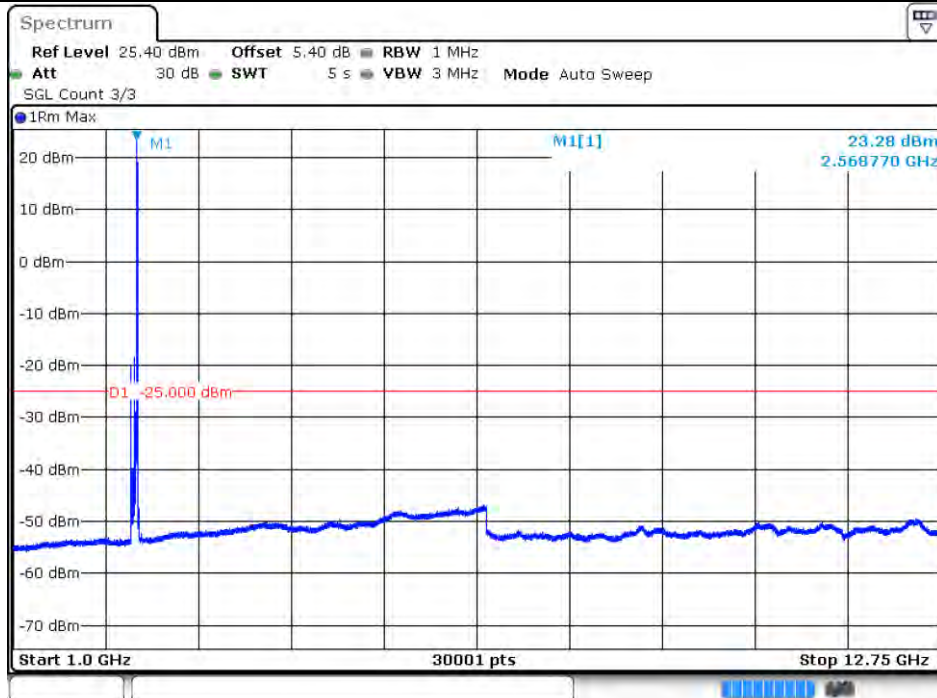


CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_0RB#0+1RB#99\_30\_1000



Date: 22.MAR.2021 10:18:54

CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_0RB#0+1RB#99\_1000\_12750

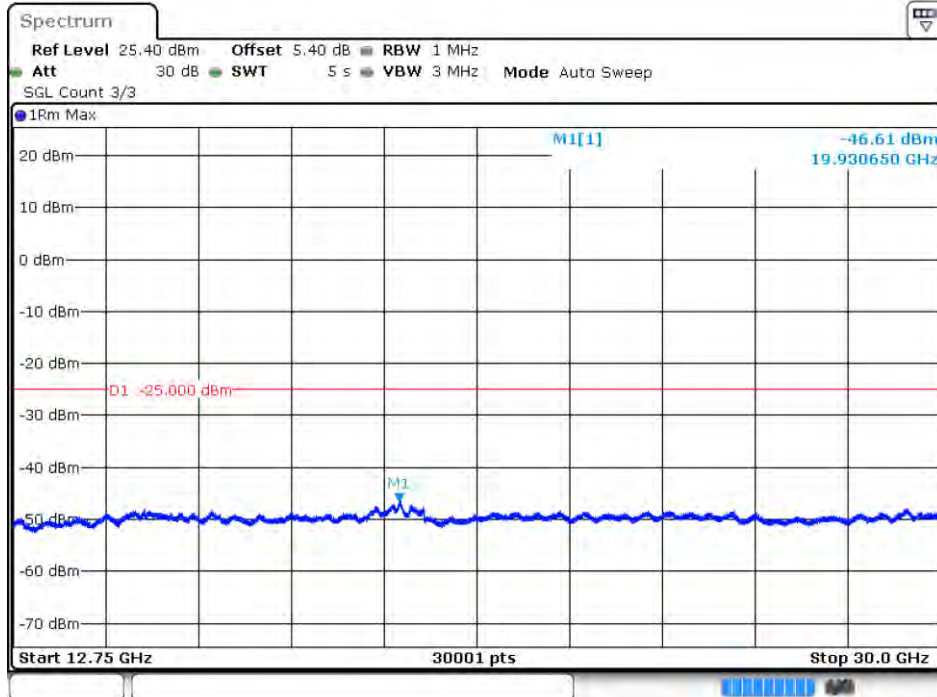


Date: 22.MAR.2021 10:24:29



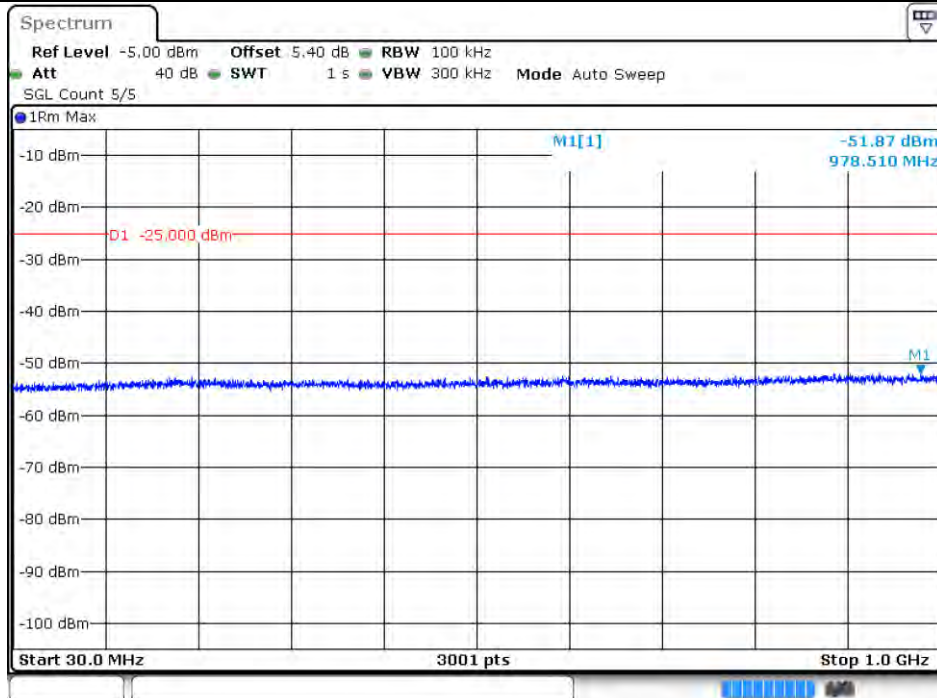


CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_0RB#0+1RB#99\_12750\_30000



Date: 22.MAR.2021 10:30:44

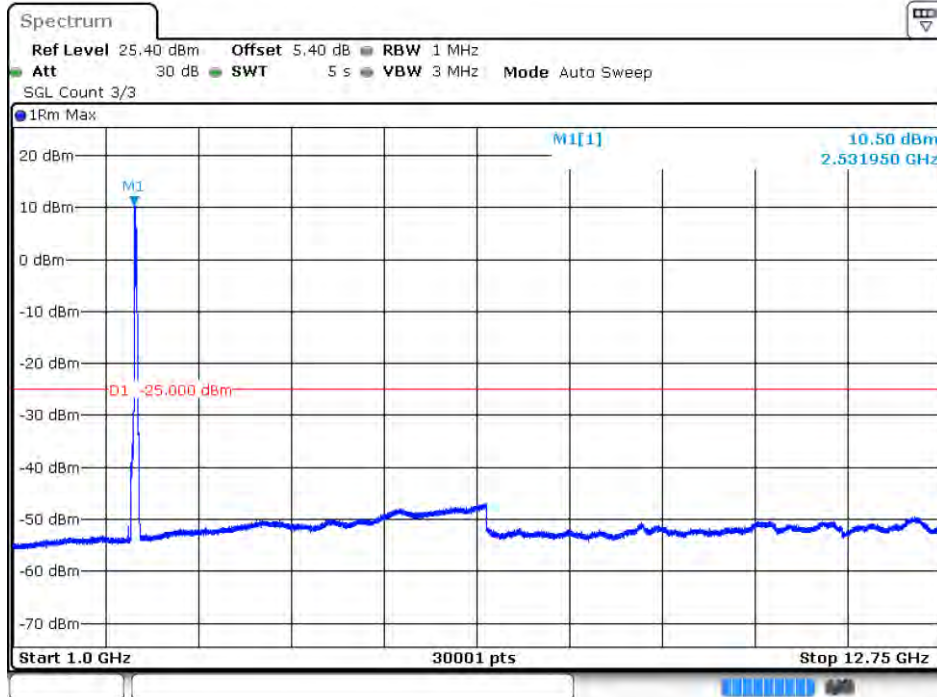
CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_100RB#0+100RB#0\_30\_1000



Date: 22.MAR.2021 10:19:01

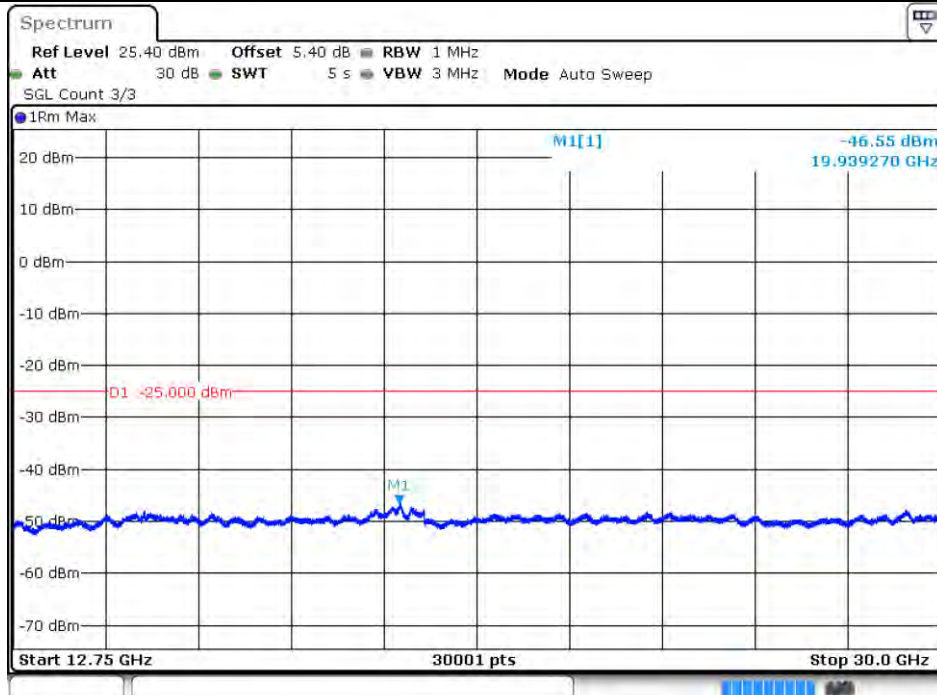


CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_100RB#0+100RB#0\_1000\_12750



Date: 22.MAR.2021 10:24:46

CA\_7C\_100RB+100RB\_QPSK\_21350+21152\_100RB#0+100RB#0\_12750\_30000



Date: 22.MAR.2021 10:31:01





## 7 Frequency Stability

### 7.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	RB	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			Config					
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	TN	NV	-5.46	-0.002179	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	TN	NV	-10.80	-0.004277	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	TN	NV	6.33	0.002490	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	TN	NV	4.39	0.001736	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	TN	NV	-7.92	-0.003113	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	TN	NV	-6.62	-0.002586	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	TN	NV	-13.77	-0.005496	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	TN	NV	3.85	0.001524	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	TN	NV	11.19	0.004404	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	TN	NV	2.05	0.000812	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	TN	NV	-7.71	-0.003029	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	TN	NV	-12.77	-0.004988	PASS



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### 7.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	RB	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			Config					
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-30	-6.58	-0.002626	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-20	-9.26	-0.003697	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	-10	13.26	0.005294	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	0	3.46	0.001381	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	10	6.83	0.002725	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	20	12.37	0.004936	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	30	-14.70	-0.005866	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	40	12.28	0.004901	PASS
CA_7C	QPSK	20850-21048	100RB#0/100RB#0	NV	50	-8.81	-0.003517	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-30	-13.05	-0.005169	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-20	9.29	0.003678	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	-10	-9.31	-0.003686	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	0	12.26	0.004853	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	10	4.19	0.001659	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	20	-13.00	-0.005148	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	30	-9.03	-0.003577	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	40	-8.58	-0.003399	PASS
CA_7C	QPSK	21001-21199	100RB#0/100RB#0	NV	50	-10.35	-0.004099	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-30	-1.38	-0.000544	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-20	-1.41	-0.000555	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	-10	8.15	0.003208	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	0	-0.17	-0.000067	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	10	-1.18	-0.000464	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	20	11.39	0.004483	PASS



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CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	30	-4.96	-0.001953	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	40	2.07	0.000816	PASS
CA_7C	QPSK	21152-21350	100RB#0/100RB#0	NV	50	-3.33	-0.001311	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-30	-7.38	-0.002916	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-20	0.03	0.000012	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	-10	13.37	0.005284	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	0	-2.13	-0.000842	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	10	3.32	0.001311	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	20	-4.98	-0.001970	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	30	-2.12	-0.000838	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	40	7.93	0.003133	PASS
CA_7C	QPSK	21048-20850	100RB#0/100RB#0	NV	50	11.44	0.004521	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-30	1.19	0.000466	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-20	3.08	0.001211	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	-10	-8.67	-0.003405	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	0	1.16	0.000455	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	10	0.03	0.000013	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	20	-13.90	-0.005463	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	30	-2.33	-0.000917	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	40	13.43	0.005279	PASS
CA_7C	QPSK	21199-21001	100RB#0/100RB#0	NV	50	2.10	0.000825	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-30	13.89	0.005426	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-20	-1.01	-0.000395	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	-10	-14.09	-0.005502	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	0	-1.54	-0.000603	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	10	7.25	0.002832	PASS



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CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	20	-5.63	-0.002199	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	30	-3.02	-0.001179	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	40	-5.77	-0.002252	PASS
CA_7C	QPSK	21350-21152	100RB#0/100RB#0	NV	50	-8.93	-0.003489	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-30	12.00	0.004789	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-20	14.98	0.005978	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	-10	7.74	0.003090	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	0	-7.18	-0.002865	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	10	2.55	0.001018	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	20	1.65	0.000658	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	30	9.16	0.003655	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	40	13.10	0.005228	PASS
CA_7C	16QAM	20850-21048	100RB#0/100RB#0	NV	50	7.82	0.003121	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-30	5.42	0.002147	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-20	8.32	0.003295	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	-10	12.21	0.004834	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	0	-7.54	-0.002984	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	10	-6.22	-0.002465	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	20	-6.07	-0.002402	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	30	-7.61	-0.003012	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	40	-5.05	-0.001999	PASS
CA_7C	16QAM	21001-21199	100RB#0/100RB#0	NV	50	-5.72	-0.002266	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-30	-10.16	-0.003999	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-20	-7.68	-0.003023	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	-10	-4.35	-0.001713	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	0	-11.92	-0.004692	PASS



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CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	10	-11.63	-0.004577	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	20	5.71	0.002249	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	30	-0.34	-0.000132	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	40	12.31	0.004847	PASS
CA_7C	16QAM	21152-21350	100RB#0/100RB#0	NV	50	6.57	0.002585	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-30	-1.29	-0.000511	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-20	6.44	0.002545	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	-10	-0.26	-0.000103	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	0	-13.73	-0.005429	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	10	-13.25	-0.005240	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	20	8.26	0.003264	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	30	0.25	0.000100	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	40	-9.02	-0.003567	PASS
CA_7C	16QAM	21048-20850	100RB#0/100RB#0	NV	50	13.59	0.005371	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-30	10.05	0.003949	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-20	2.50	0.000984	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	-10	7.07	0.002779	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	0	4.85	0.001907	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	10	-1.89	-0.000743	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	20	10.39	0.004081	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	30	7.23	0.002839	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	40	3.07	0.001208	PASS
CA_7C	16QAM	21199-21001	100RB#0/100RB#0	NV	50	-5.92	-0.002327	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-30	-1.52	-0.000593	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-20	-7.54	-0.002944	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	-10	-2.63	-0.001026	PASS



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CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	0	-8.84	-0.003455	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	10	10.50	0.004103	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	20	-0.14	-0.000054	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	30	-8.29	-0.003237	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	40	14.64	0.005720	PASS
CA_7C	16QAM	21350-21152	100RB#0/100RB#0	NV	50	-1.35	-0.000529	PASS

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