



Appendix B

E-UTRA Band CA_38C



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1 Effective (Isotropic) Radiated Power Output Data

1.1 Max Power Test Result for LTE Band CA_38C(ANT2)

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	QPSK	23.8	21.6	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	23.73	21.53	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	23.7	21.5	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	23.64	21.44	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	23.66	21.46	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	23.62	21.42	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	23.75	21.55	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	23.69	21.49	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	23.72	21.52	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	23.68	21.48	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	23.71	21.51	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	23.68	21.48	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	22.91	20.71	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	23.19	20.99	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	22.8	20.6	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	23.18	20.98	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	22.73	20.53	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	23.07	20.87	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	22.73	20.53	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	23.15	20.95	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	22.71	20.51	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	23.13	20.93	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	22.73	20.53	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	23.13	20.93	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	21.47	19.27	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	21.81	19.61	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	21.28	19.08	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	21.55	19.35	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	21.06	18.86	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	21.32	19.12	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	21.28	19.08	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	21.87	19.67	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	21.18	18.98	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	21.94	19.74	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	21.11	18.91	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	21.84	19.64	33.00	PASS



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Remark:

1. For Ant2 & Ant3, the whole testing has assessed Ant2 by referring to the higher conducted power.
2. The Maximum ERP/EIRP is calculated from Max Output power and Max antenna gain, only the maximum ERP/EIRP is shown in the report
3. For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,
$$\text{ERP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$
$$\text{EIRP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Modulation	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	7.59	13.00	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	8.03	13.00	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	6.75	13.00	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	8.00	13.00	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	7.62	13.00	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	9.97	13.00	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	9.68	13.00	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	8.23	13.00	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	6.78	13.00	PASS



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2.1 For LTE

2.1.1 Test Band = LTE Band CA_38C

CA_38C 100RB+100RB QPSK 37850+38048 100RB#0+100RB#0



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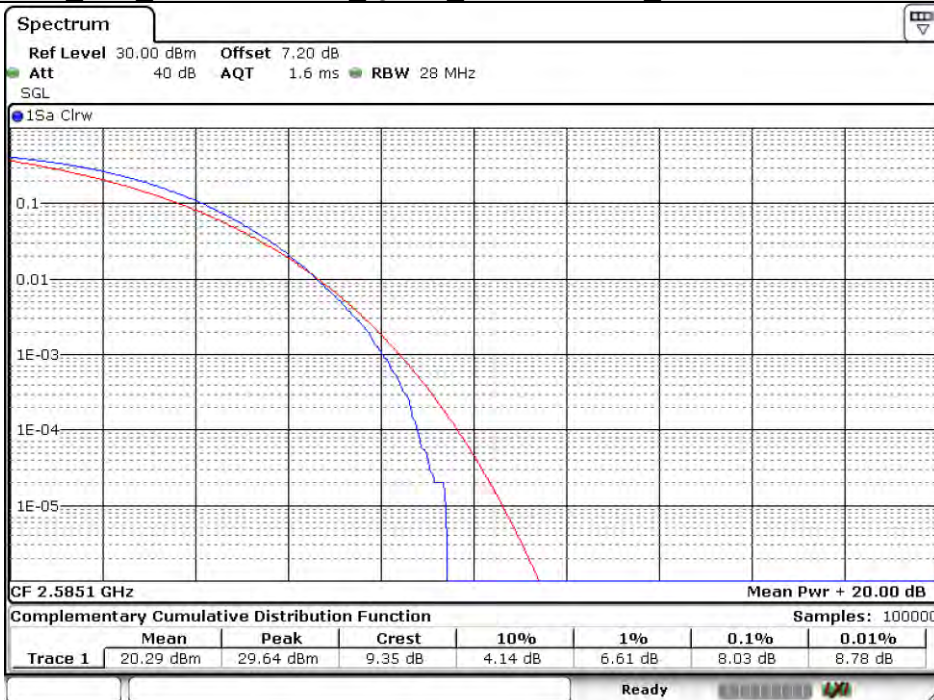
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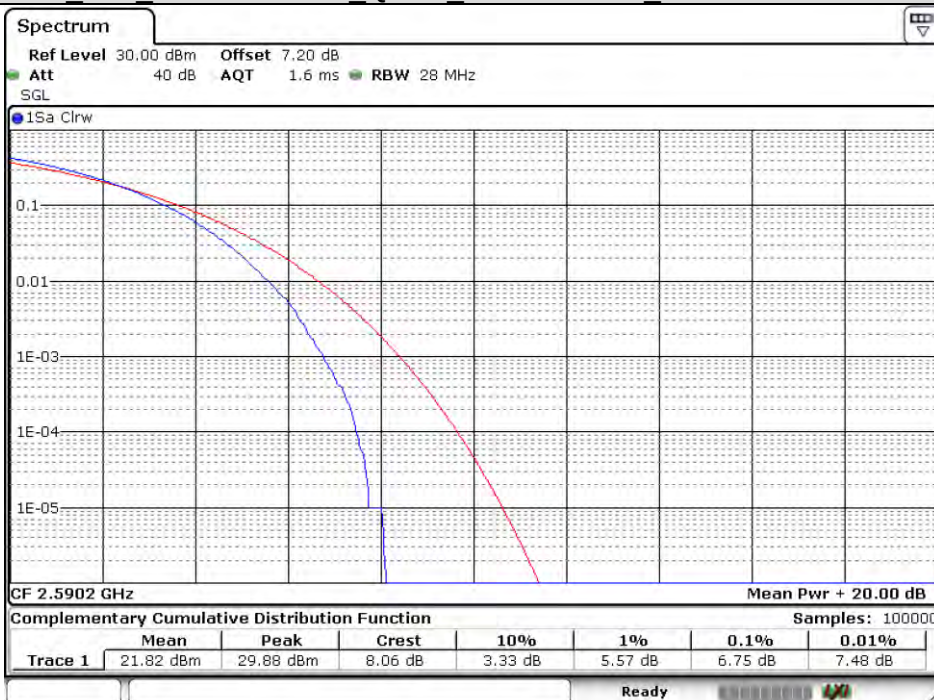
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CA_38C_100RB+100RB_QPSK_37901+38099_100RB#0+100RB#0



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Date: 13.JAN 2021 08:45:59

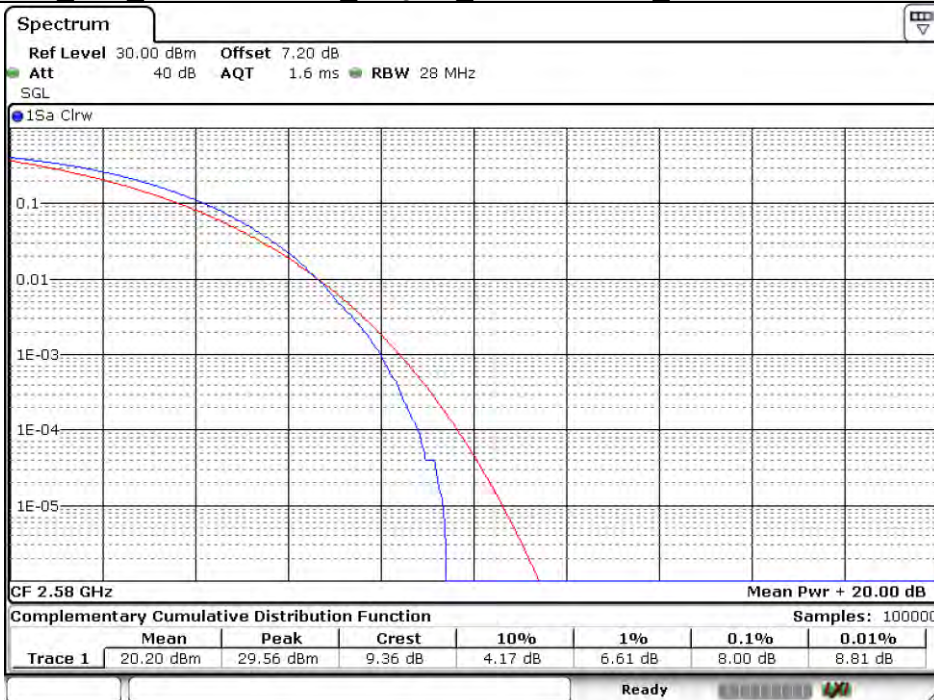


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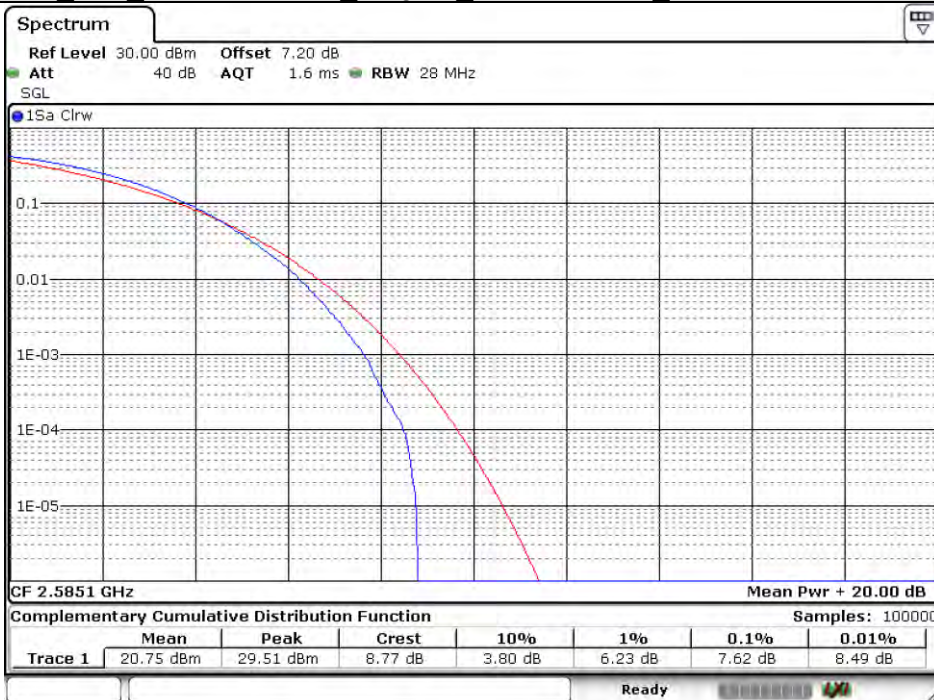
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CA 38C 100RB+100RB 16QAM 37850+38048 100RB#0+100RB#0



Date: 13.JAN 2021 08:43:31

CA 38C 100RB+100RB 16QAM 37901+38099 100RB#0+100RB#0



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CA 38C 100RB+100RB 16QAM 37952+38150 100RB#0+100RB#0



Date: 13.JAN 2021 08:46:10

CA 38C 100RB+100RB 64QAM 37850+38048 100RB#0+100RB#0



Date: 13.JAN 2021 08:43:42



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CA 38C 100RB+100RB 64QAM 37901+38099 100RB#0+100RB#0



Date: 13.JAN 2021 08:45:08

CA 38C 100RB+100RB 64QAM 37952+38150 100RB#0+100RB#0



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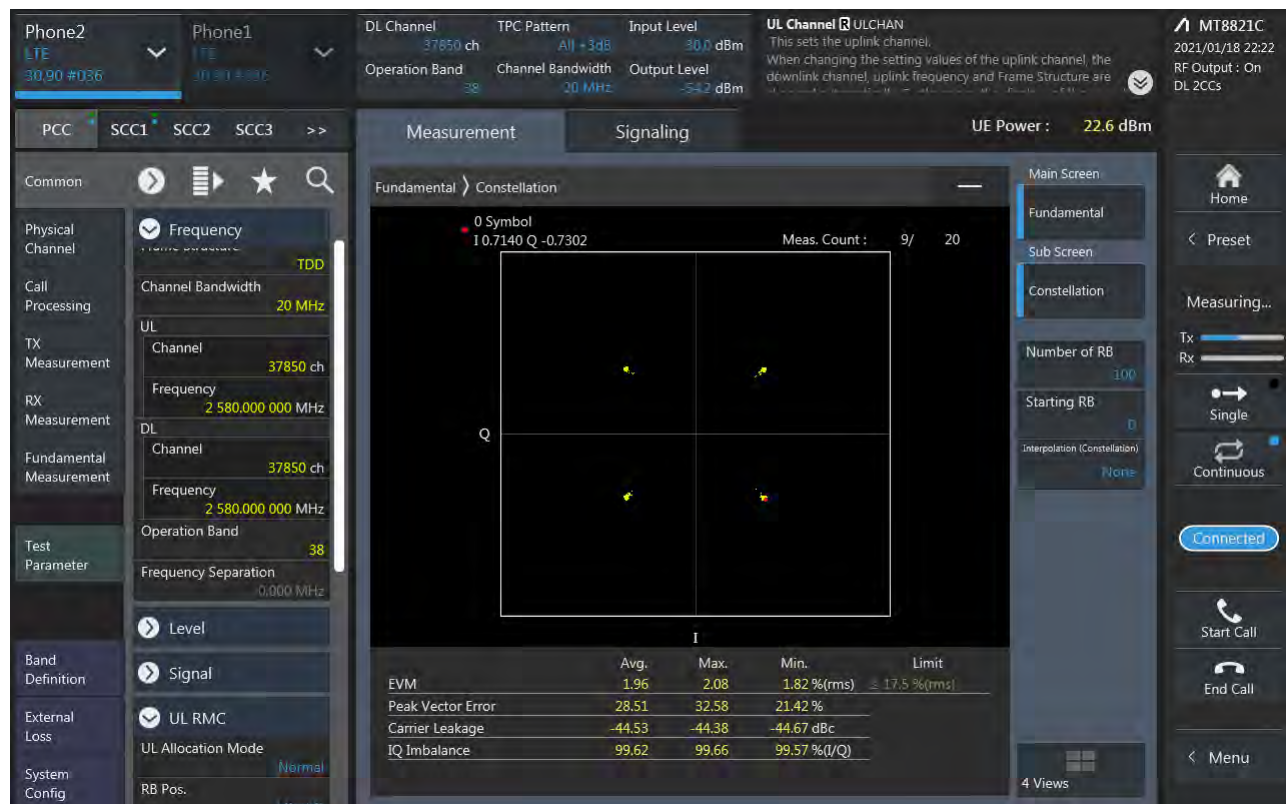
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_38C

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

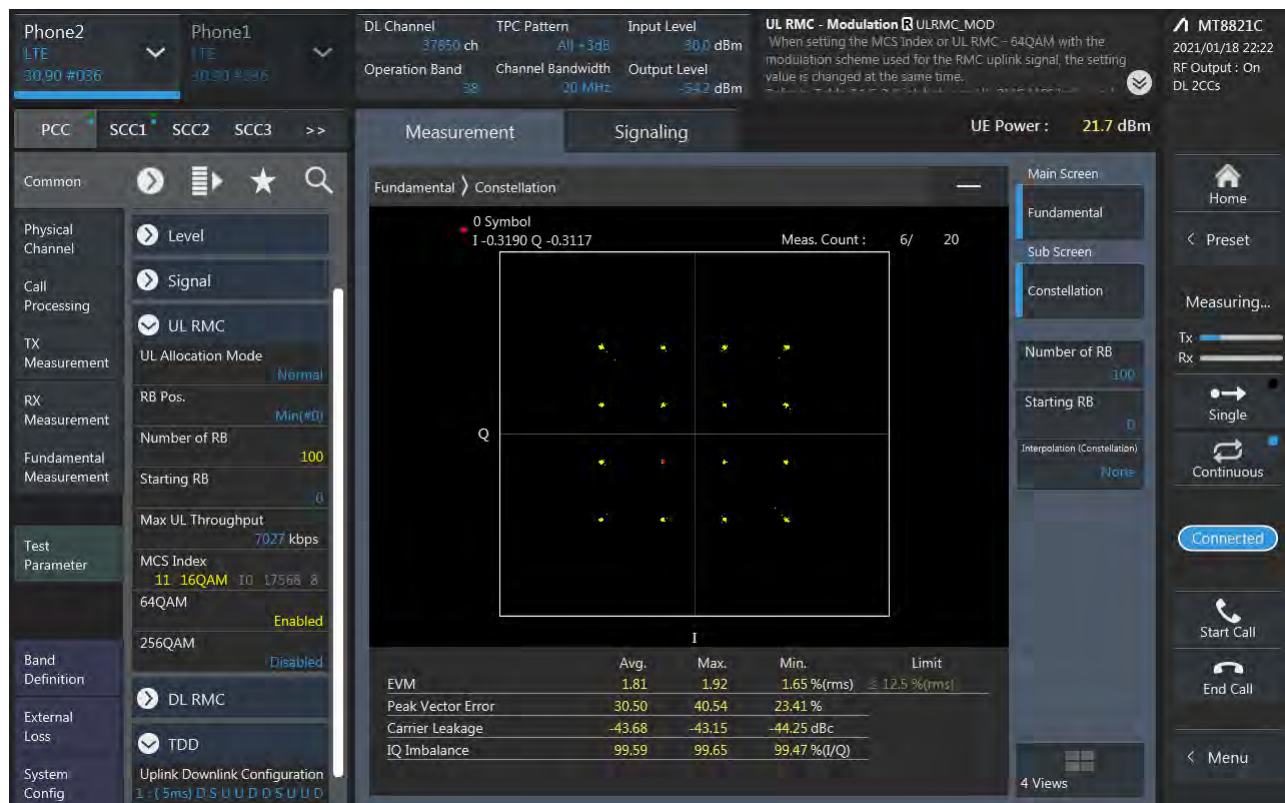
3.1.1.1.1 Test Channel = 37850+38048





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

3.1.1.2.1 Test Channel =37850+38048



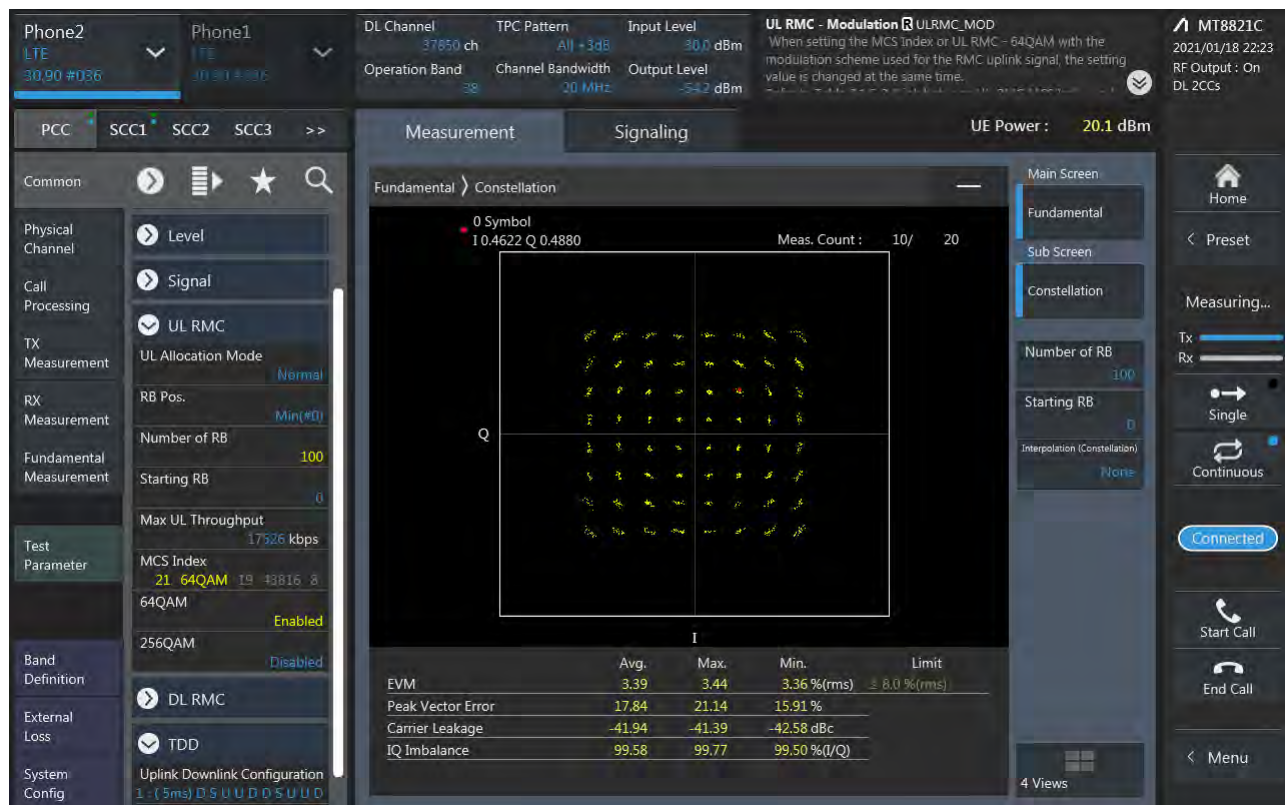
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3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 Test Channel = 37850+38048





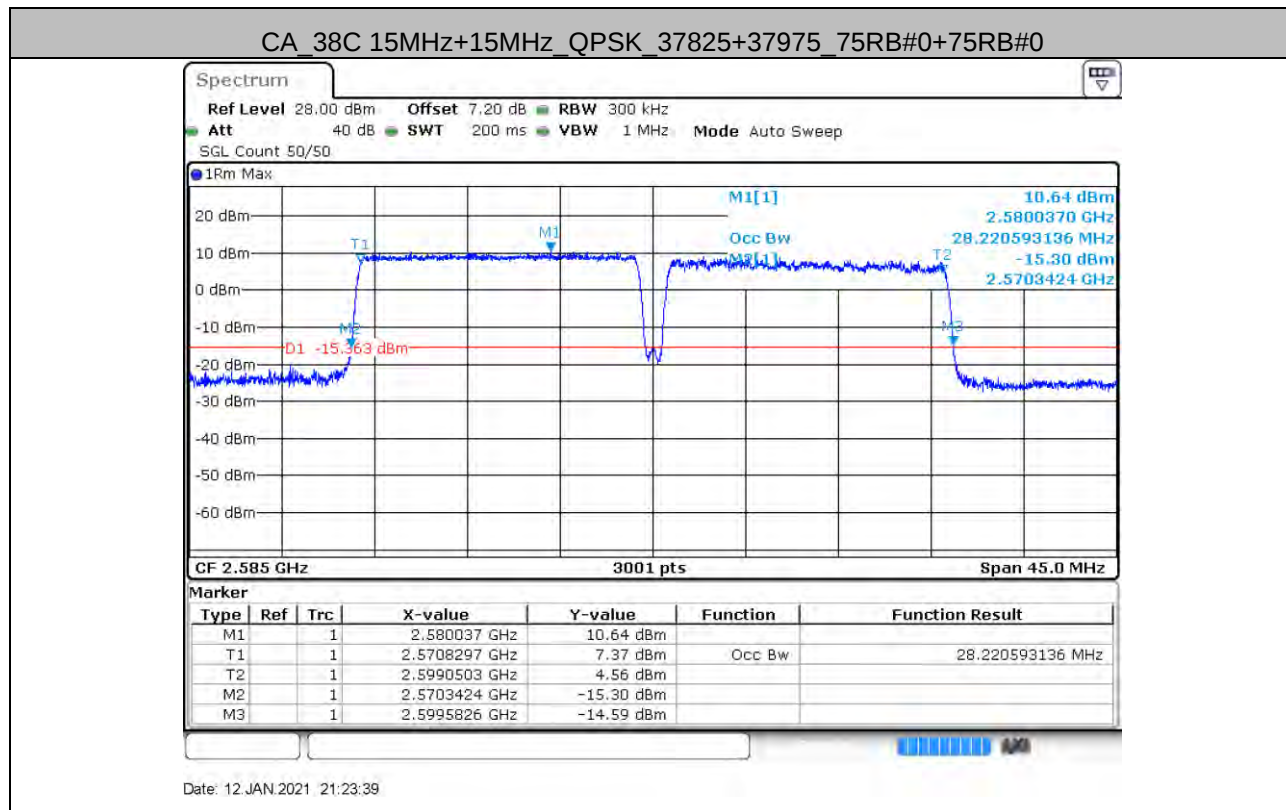
4 26dB Bandwidth and Occupied Bandwidth

Test Band	Modulation PCC&SCC	Test Mode PCC/SCC	Test Channel PCC/SCC	PCC RB	SCC RB	OBW [MHz]	EBW [MHz]	Verdict
CA_38C	QPSK	75RB+75RB	37825+37975	75RB#0	75RB#0	28.22	29.24	PASS
CA_38C	16QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.24	29.21	PASS
CA_38C	64QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.21	29.26	PASS
CA_38C	QPSK	75RB+75RB	37925+38075	75RB#0	75RB#0	28.24	29.21	PASS
CA_38C	16QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.22	29.18	PASS
CA_38C	64QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.19	29.23	PASS
CA_38C	QPSK	75RB+75RB	38025+38175	75RB#0	75RB#0	28.24	29.21	PASS
CA_38C	16QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.22	29.24	PASS
CA_38C	64QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.21	29.21	PASS
CA_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	37.41	38.97	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.45	38.95	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.45	38.93	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	37.47	38.95	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.45	38.97	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.45	38.95	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	37.51	38.89	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.45	38.95	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.41	38.85	PASS

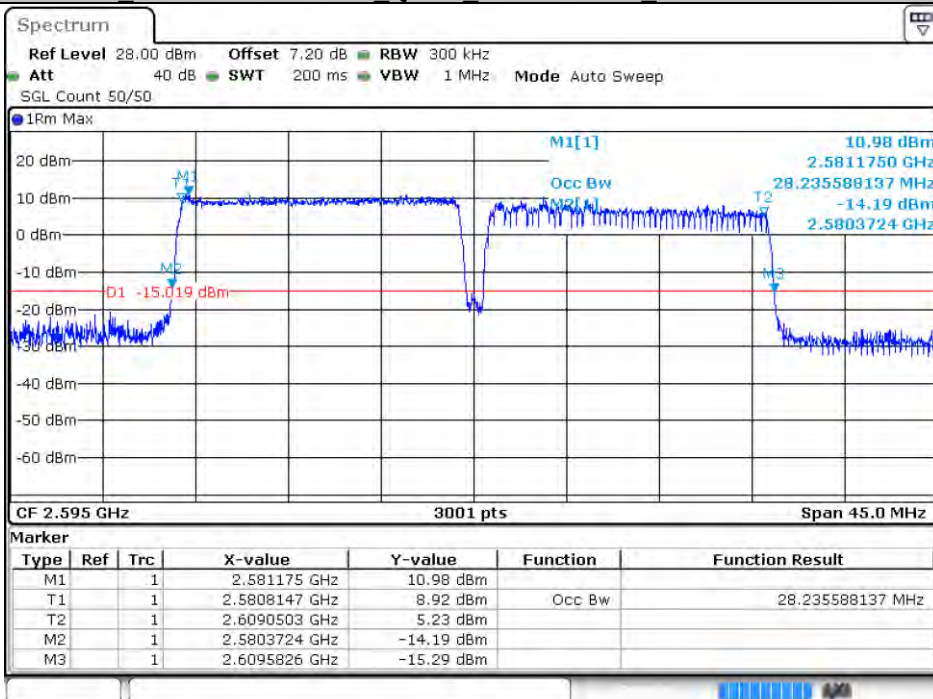


4.1 For LTE

4.1.1 Test Band = LTE Band CA_38C

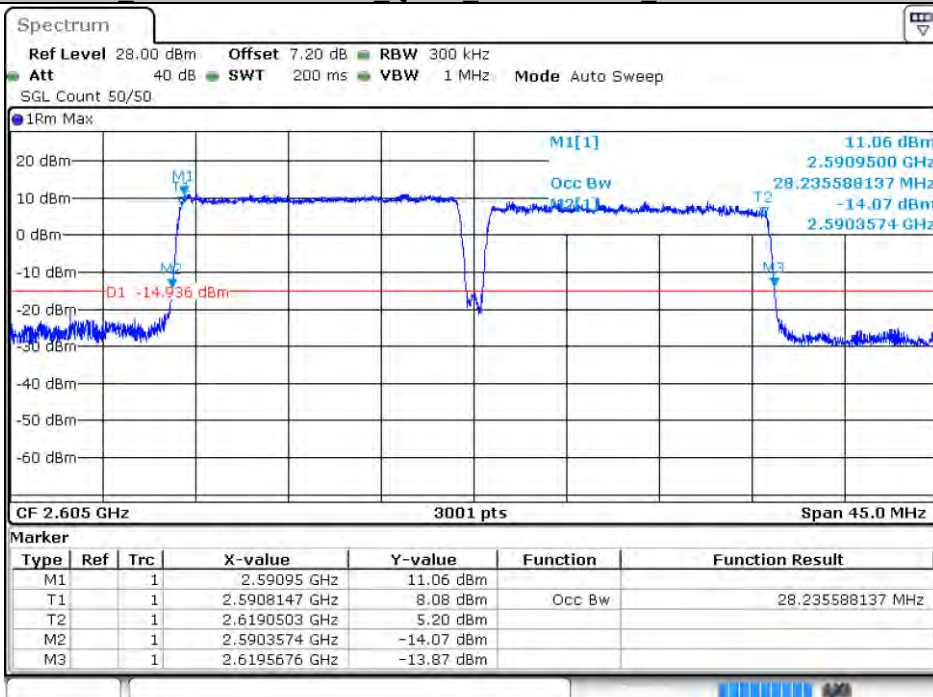


CA 38C 15MHz+15MHz QPSK 37925+38075 75RB#0+75RB#0



Date: 12 JAN 2021 21:25:00

CA 38C 15MHz+15MHz QPSK 38025+38175 75RB#0+75RB#0



Date: 12 JAN 2021 21:25:51

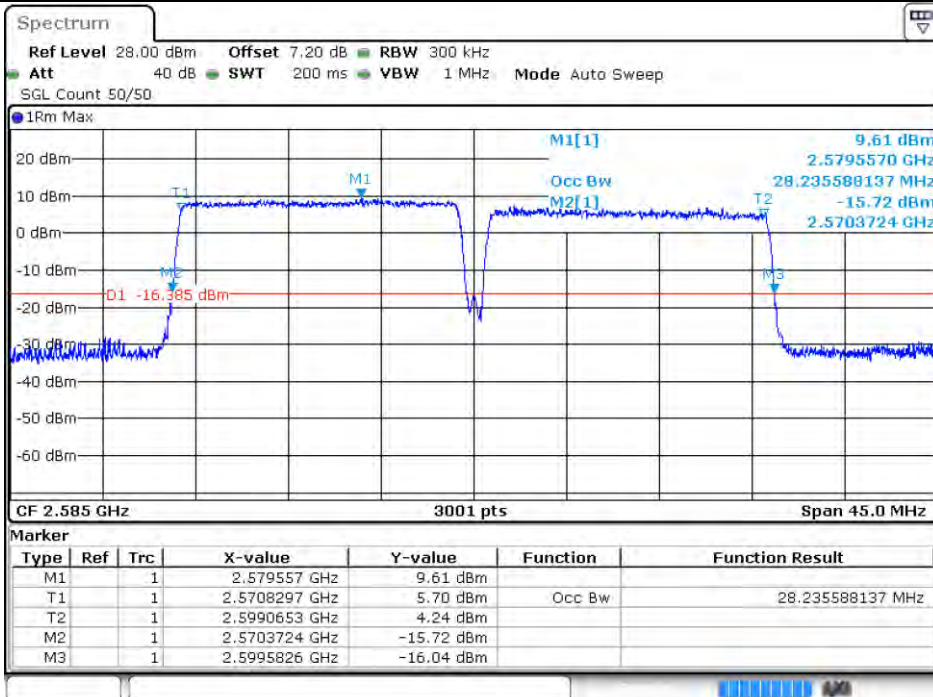


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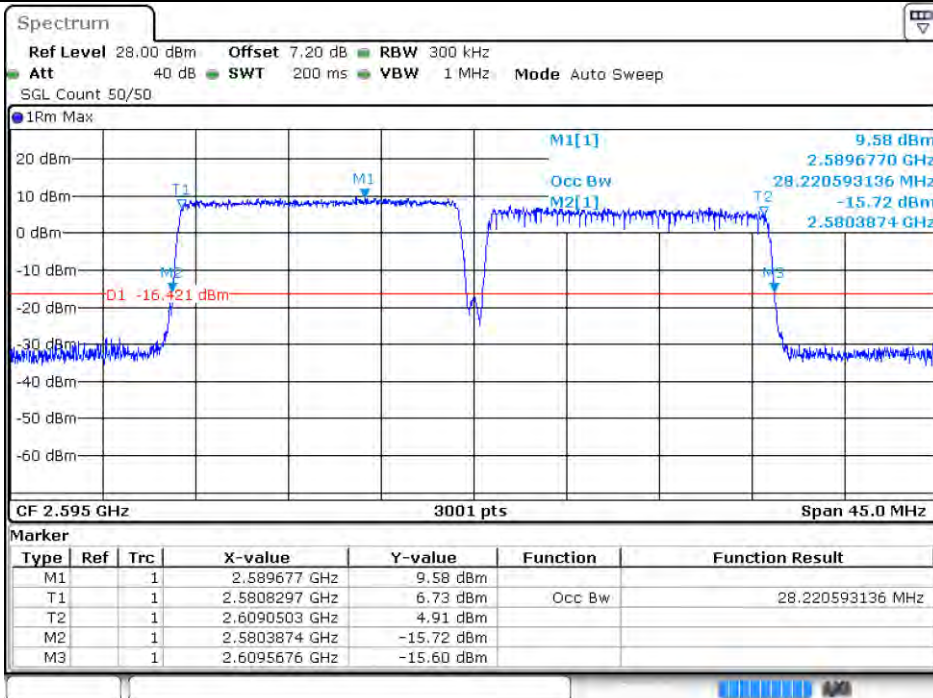
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CA 38C 15MHz+15MHz 16QAM 37825+37975 75RB#0+75RB#0



Date: 12 JAN 2021 21:23:55

CA 38C 15MHz+15MHz 16QAM 37925+38075 75RB#0+75RB#0



Date: 12 JAN 2021 21:25:16



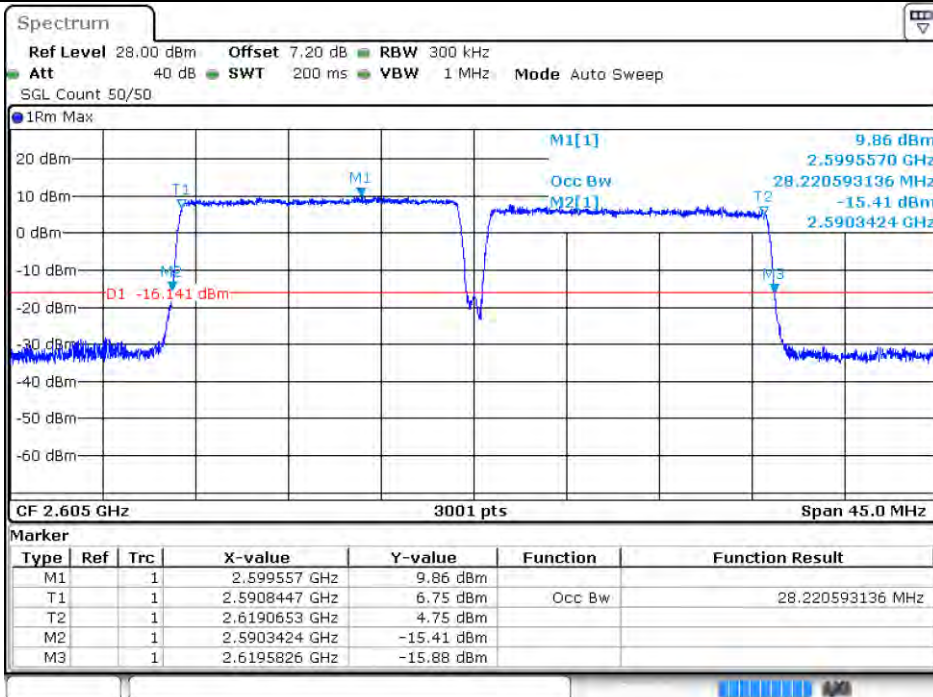
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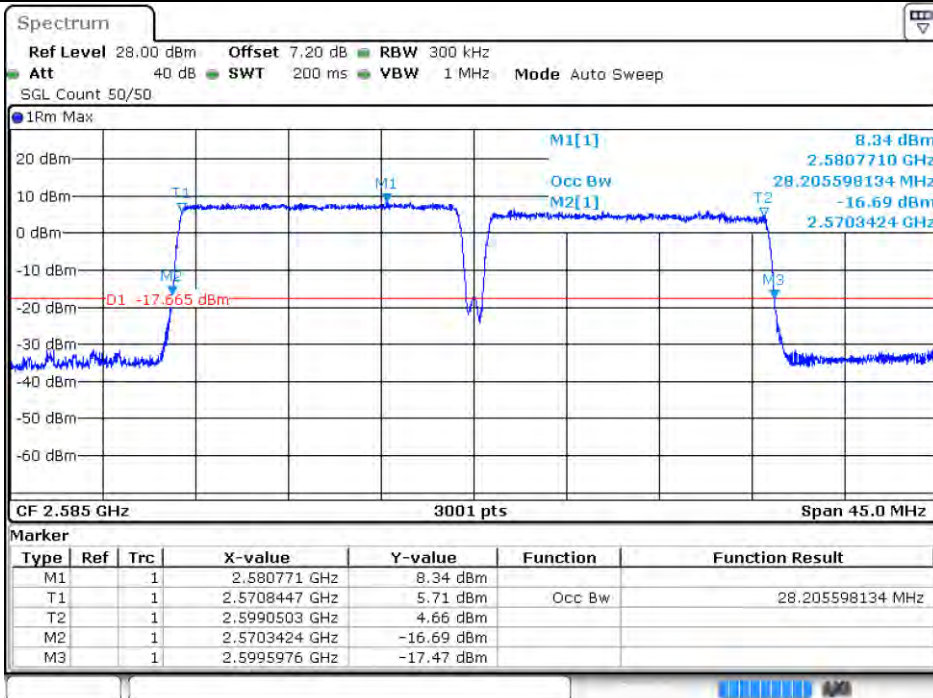
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CA 38C 15MHz+15MHz 16QAM 38025+38175 75RB#0+75RB#0



Date: 12 JAN 2021 21:26:06

CA 38C 15MHz+15MHz 64QAM 37825+37975 75RB#0+75RB#0



Date: 12 JAN 2021 21:24:12

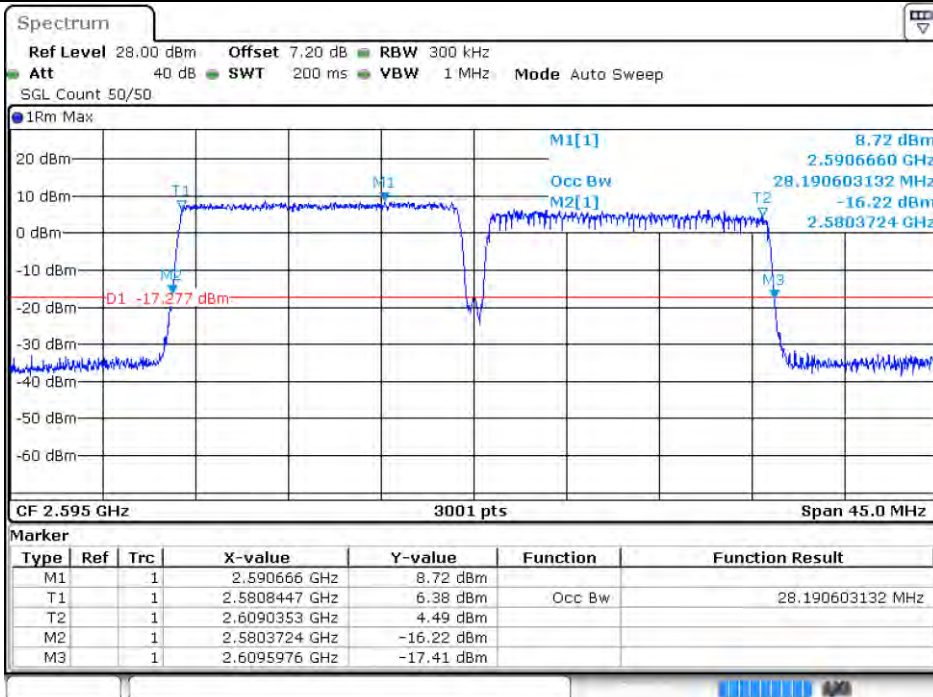


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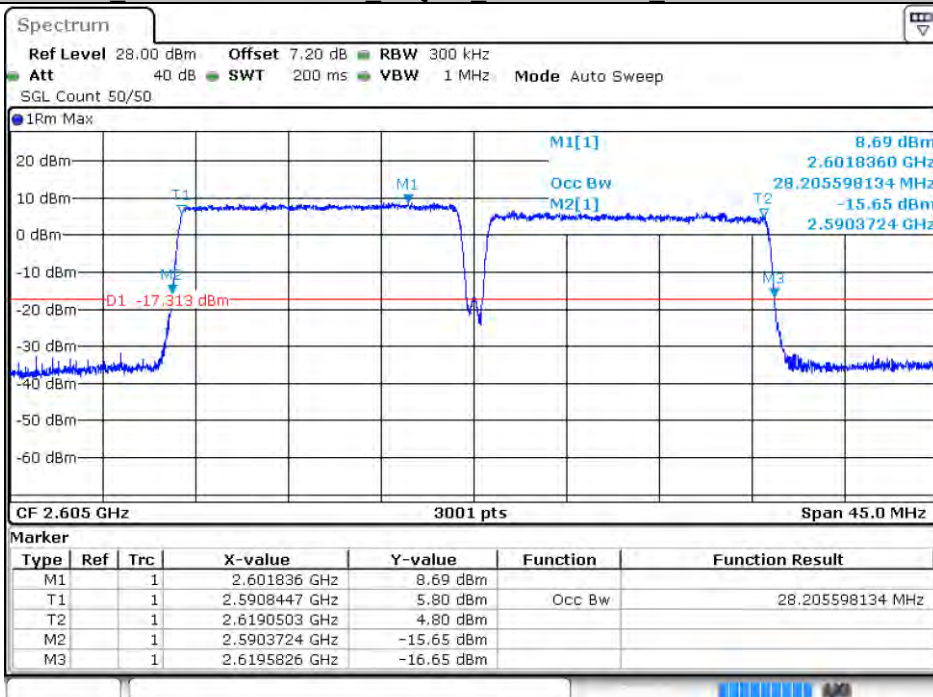
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CA 38C 15MHz+15MHz 64QAM 37925+38075 75RB#0+75RB#0



Date: 12.JAN.2021 21:25:31

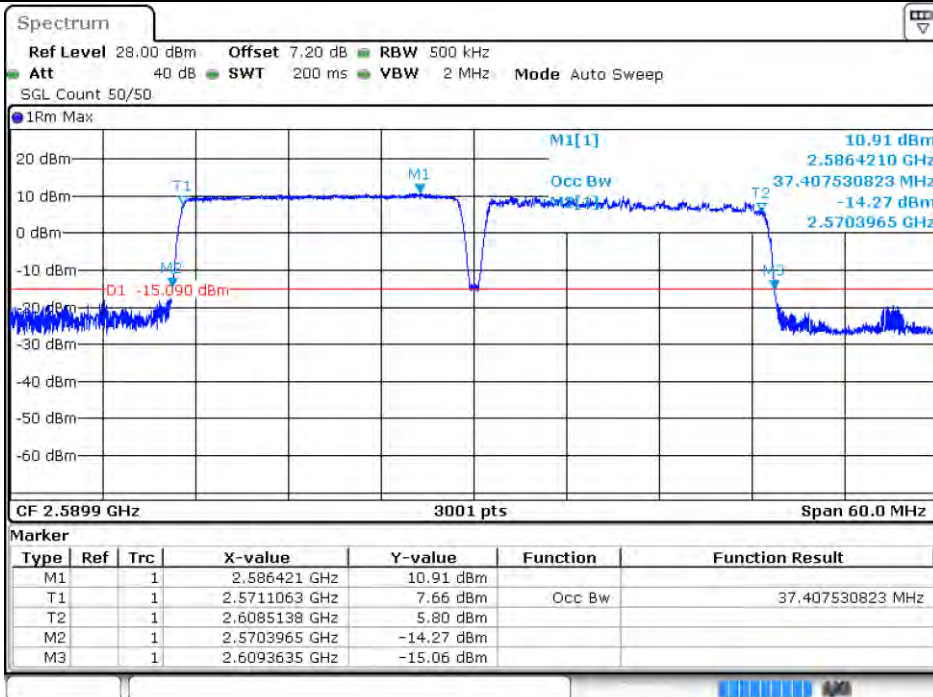
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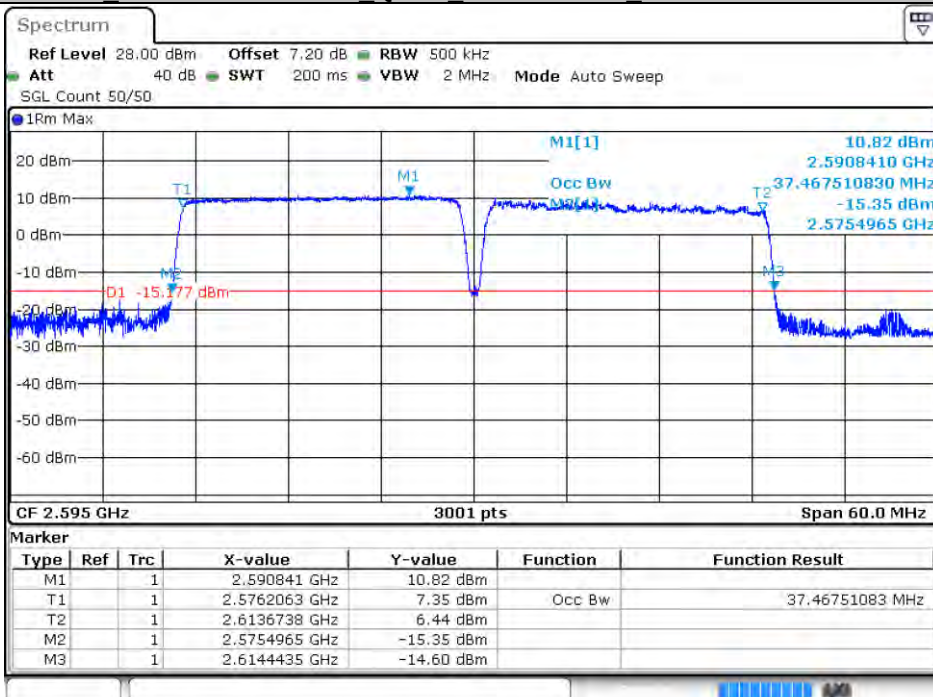


CA 38C 20MHz+20MHz QPSK 37850+38048 100RB#0+100RB#0



Date: 12.JAN.2021 21:40:16

CA 38C 20MHz+20MHz QPSK 37901+38099 100RB#0+100RB#0



Date: 12.JAN.2021 21:41:25

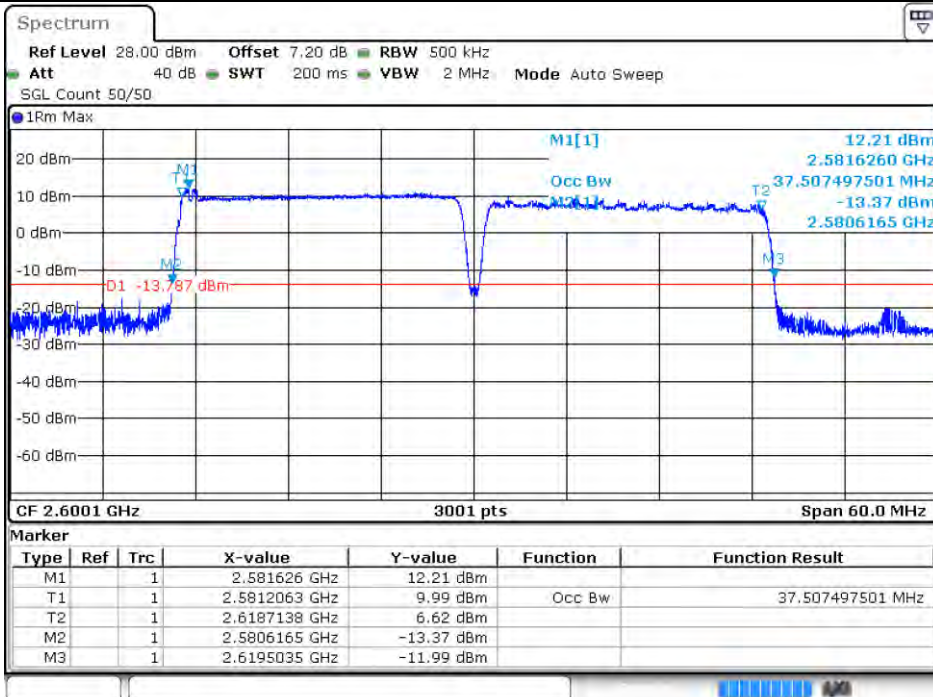


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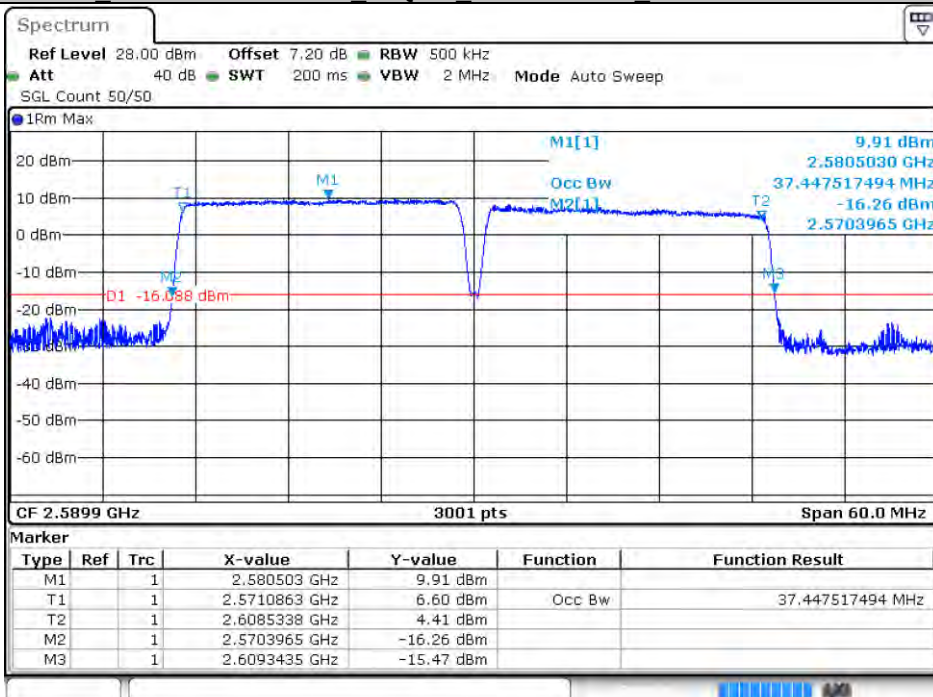
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CA 38C 20MHz+20MHz QPSK 37952+38150 100RB#0+100RB#0



Date: 12 JAN 2021 21:42:15

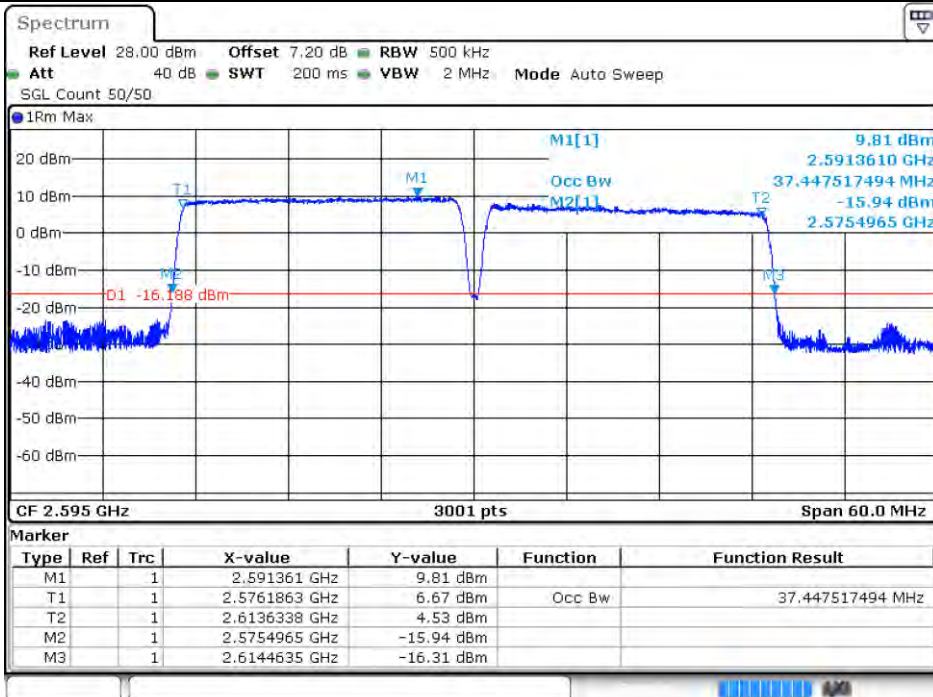
CA 38C 20MHz+20MHz 16QAM 37850+38048 100RB#0+100RB#0



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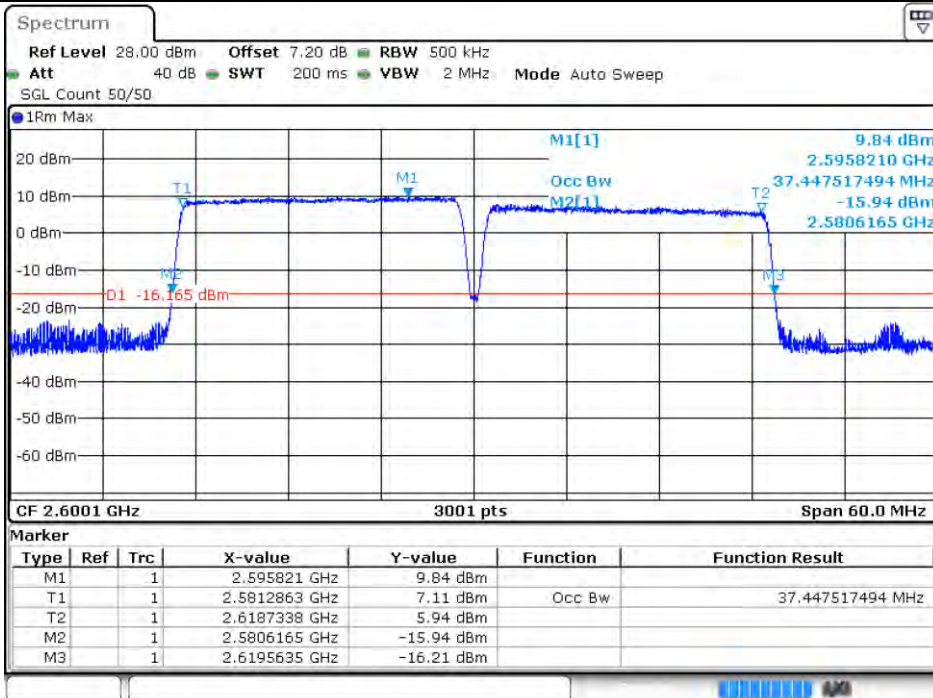


CA 38C 20MHz+20MHz 16QAM 37901+38099 100RB#0+100RB#0



Date: 12.JAN.2021 21:41:40

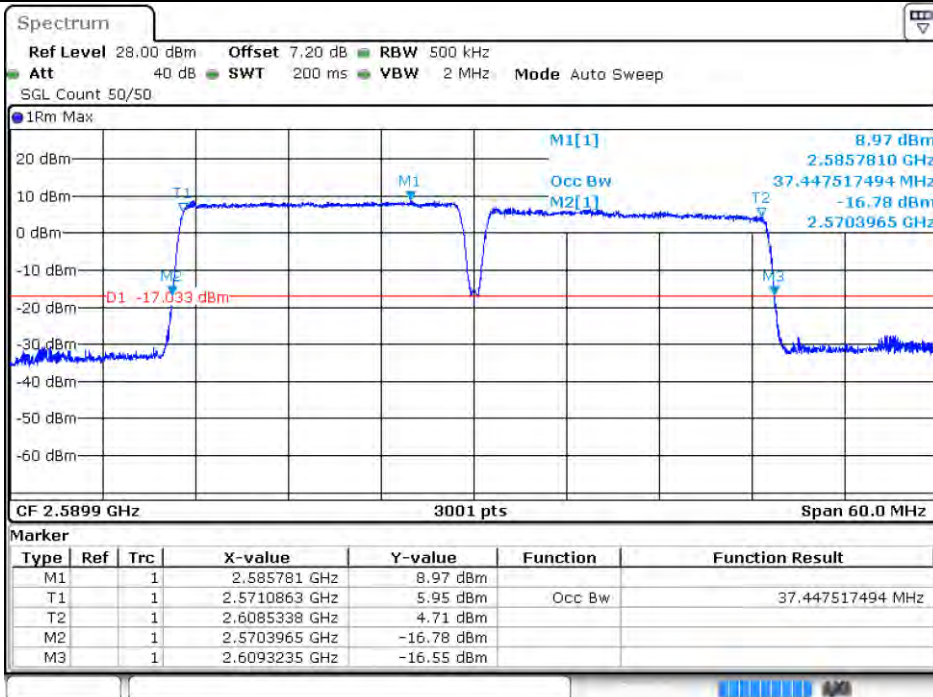
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Date: 12.JAN.2021 21:42:31

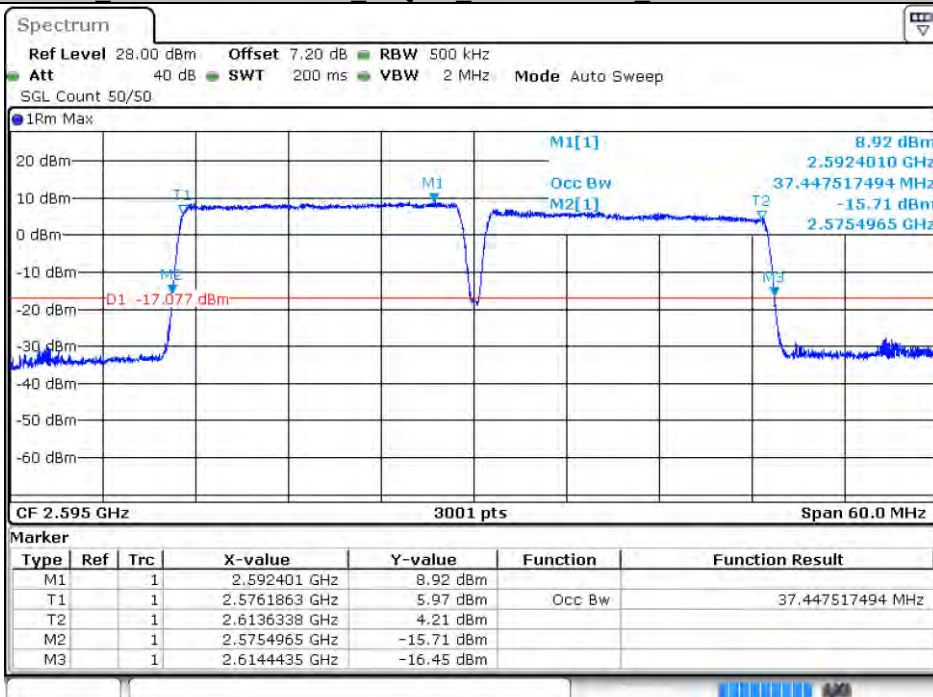


CA 38C 20MHz+20MHz 64QAM 37850+38048 100RB#0+100RB#0



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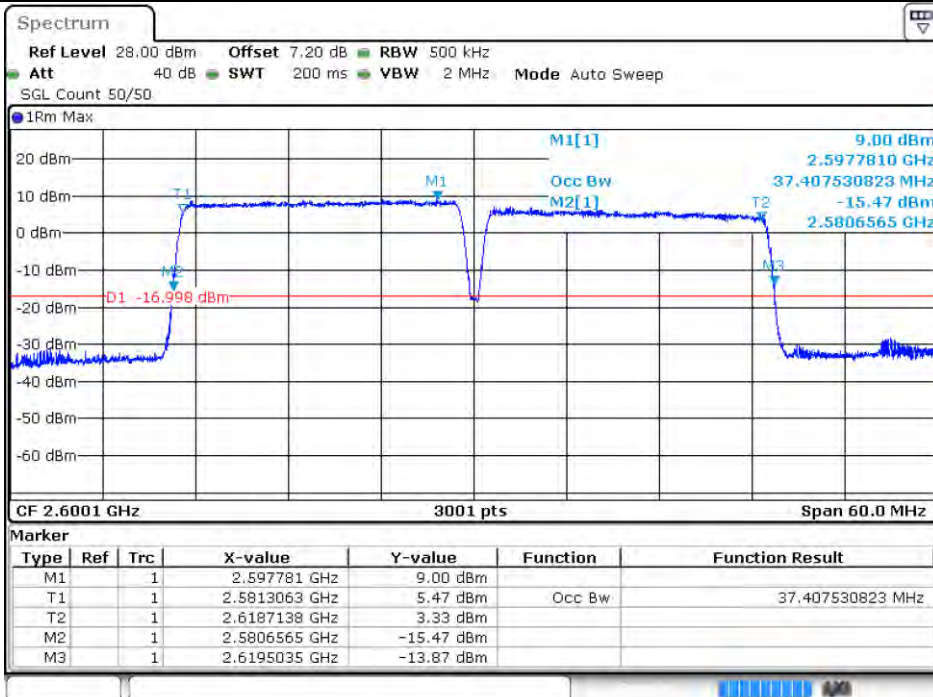
CA 38C 20MHz+20MHz 64QAM 37901+38099 100RB#0+100RB#0



Date: 12.JAN.2021 21:41:56



CA 38C 20MHz+20MHz 64QAM 37952+38150 100RB#0+100RB#0



Date: 12 JAN 2021 21:42:46



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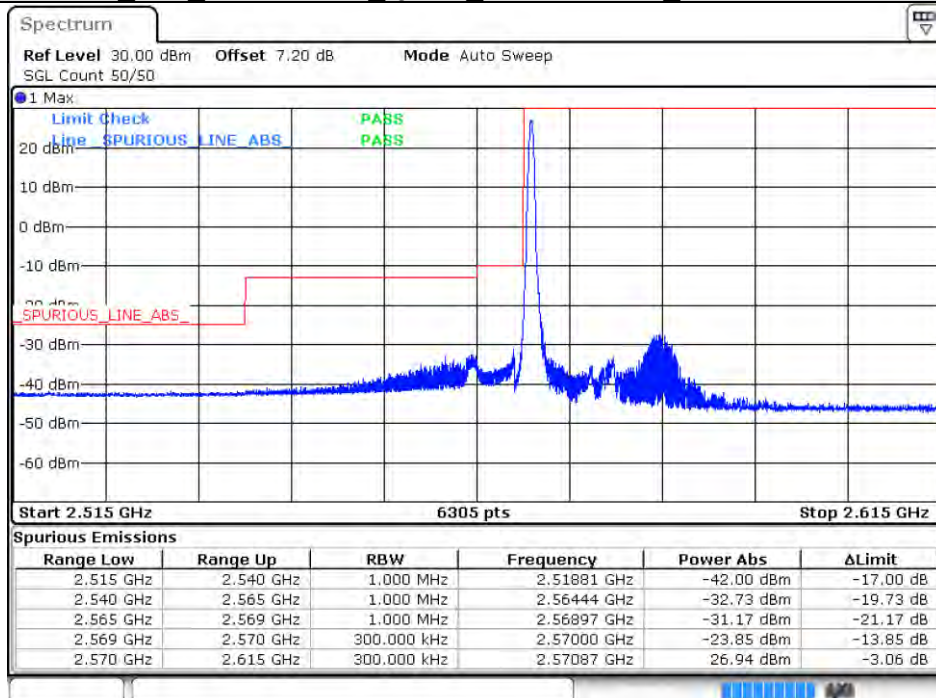


5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_38C

CA_38C 75RB+75RB QPSK 37825+37975 1RB#0+0RB#0



Date: 12 JAN 2021 21:57:00



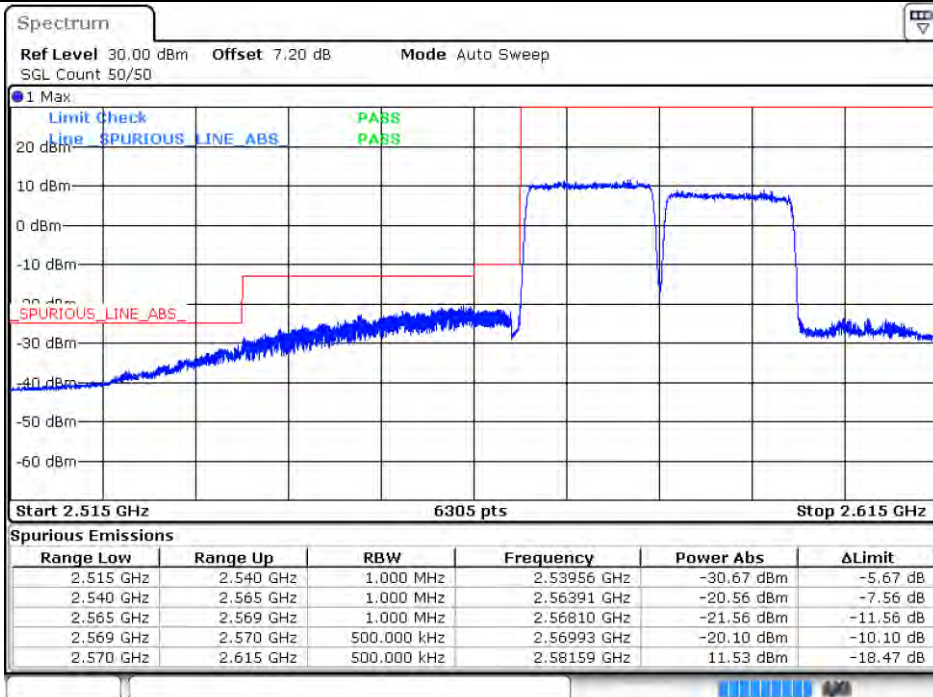
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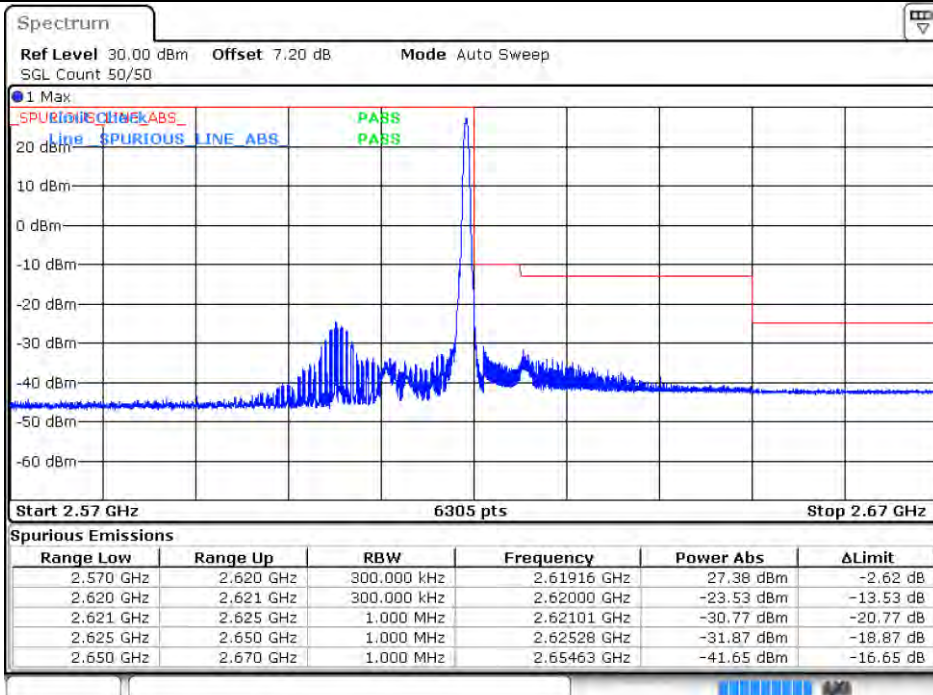
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CA 38C 75RB+75RB QPSK 37825+37975 75RB#0+75RB#0



Date: 12.JAN.2021 22:12:19

CA 38C 75RB+75RB QPSK 38025+38175 0RB#0+1RB#74



Date: 13.JAN.2021 01:03:46

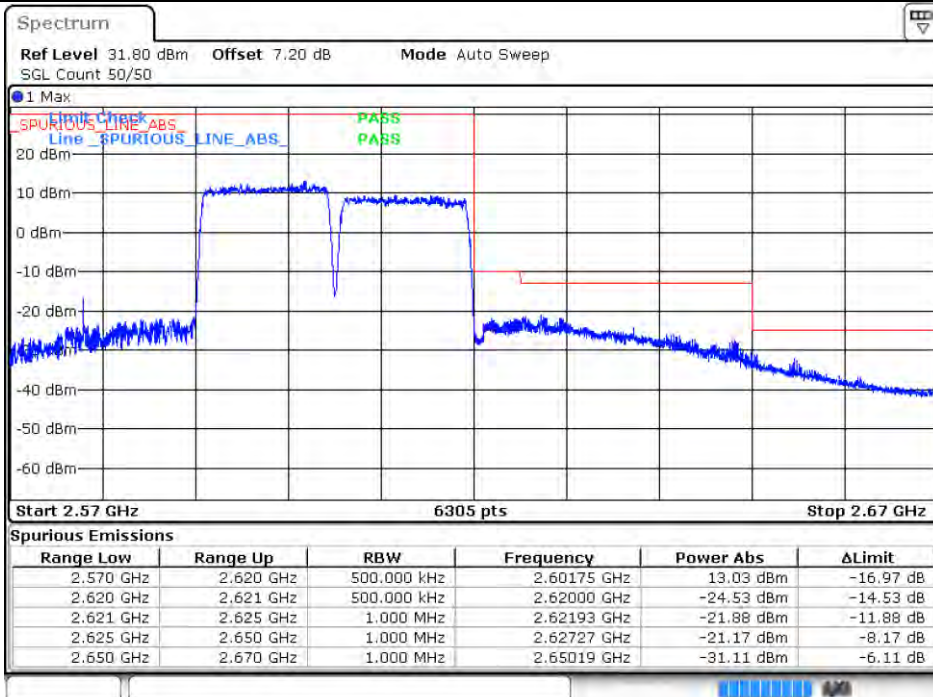


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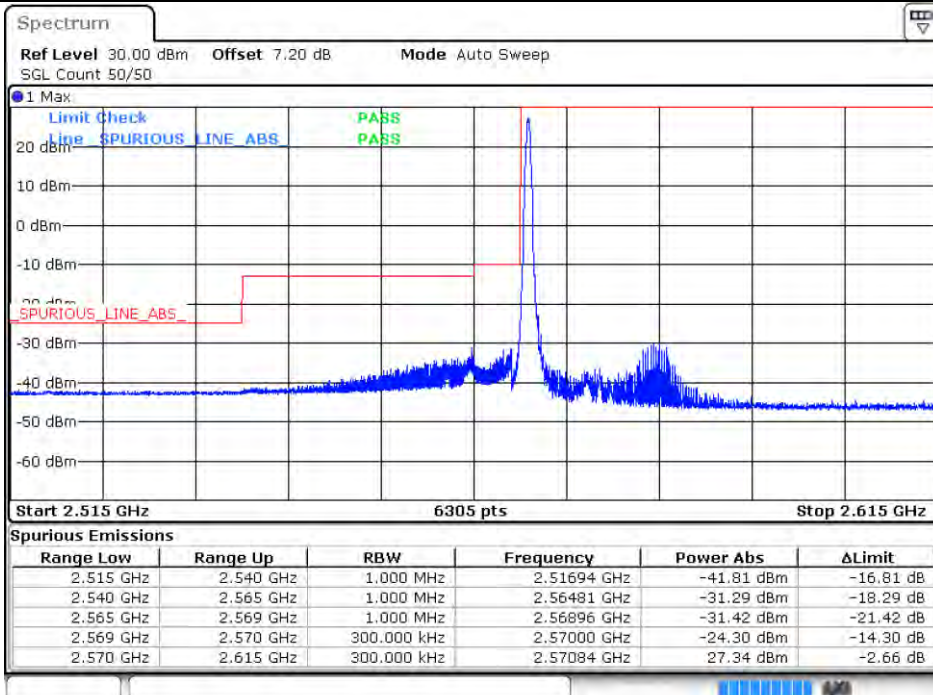
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CA 38C 75RB+75RB QPSK 38025+38175 75RB#0+75RB#0



Date: 13.JAN.2021 01:17:39

CA 38C 75RB+75RB 16QAM 37825+37975 1RB#0+0RB#0



Date: 12.JAN.2021 21:57:28

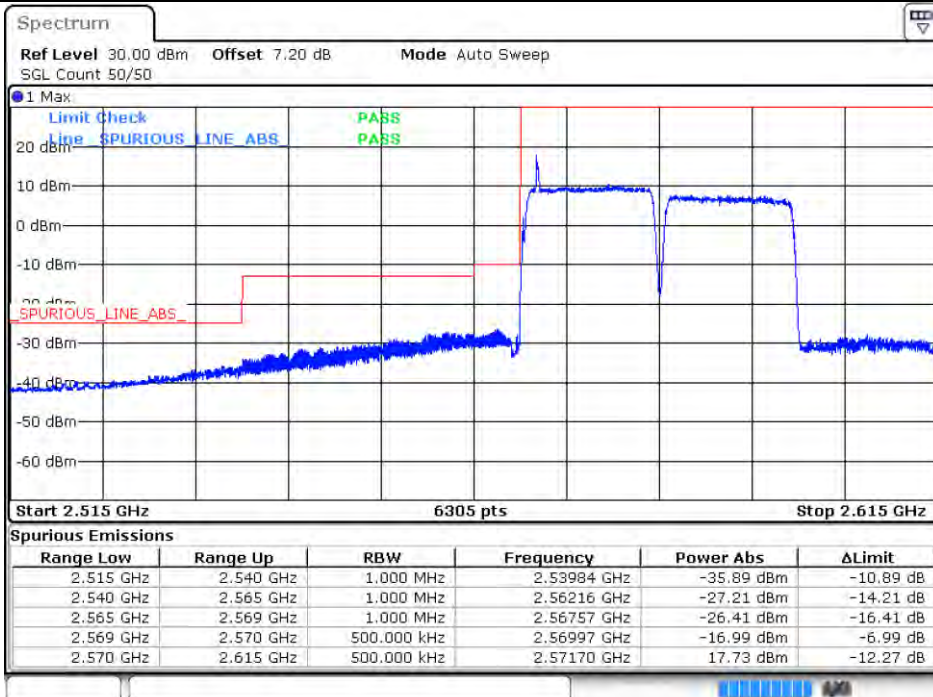


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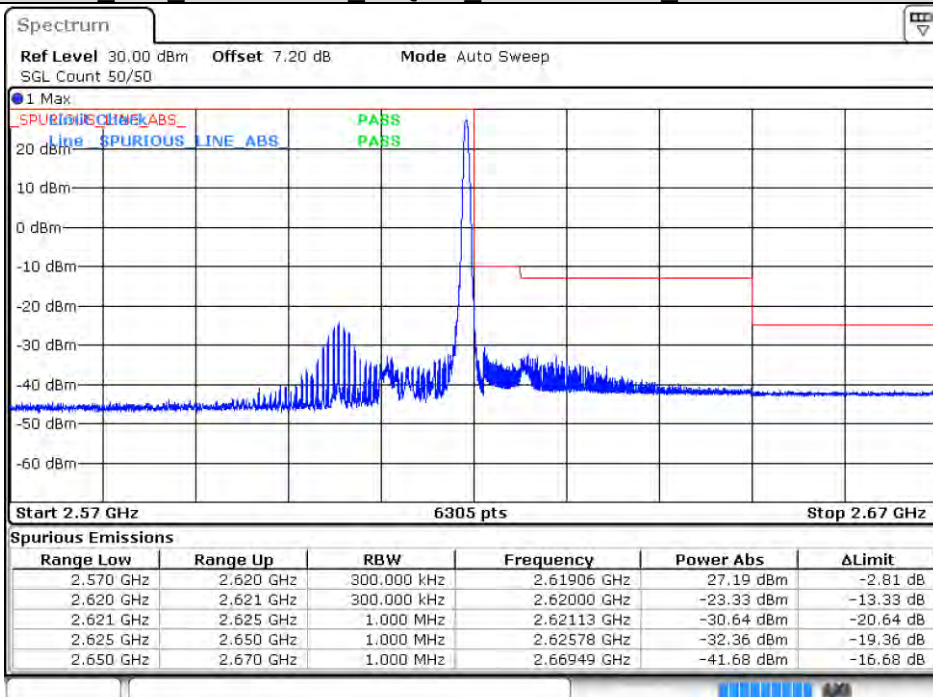
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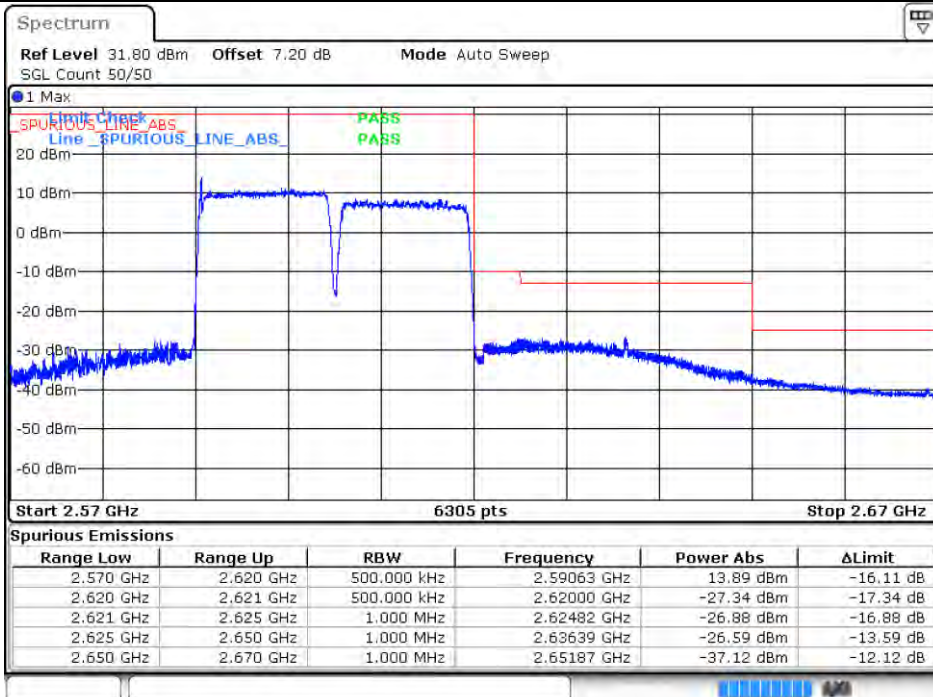
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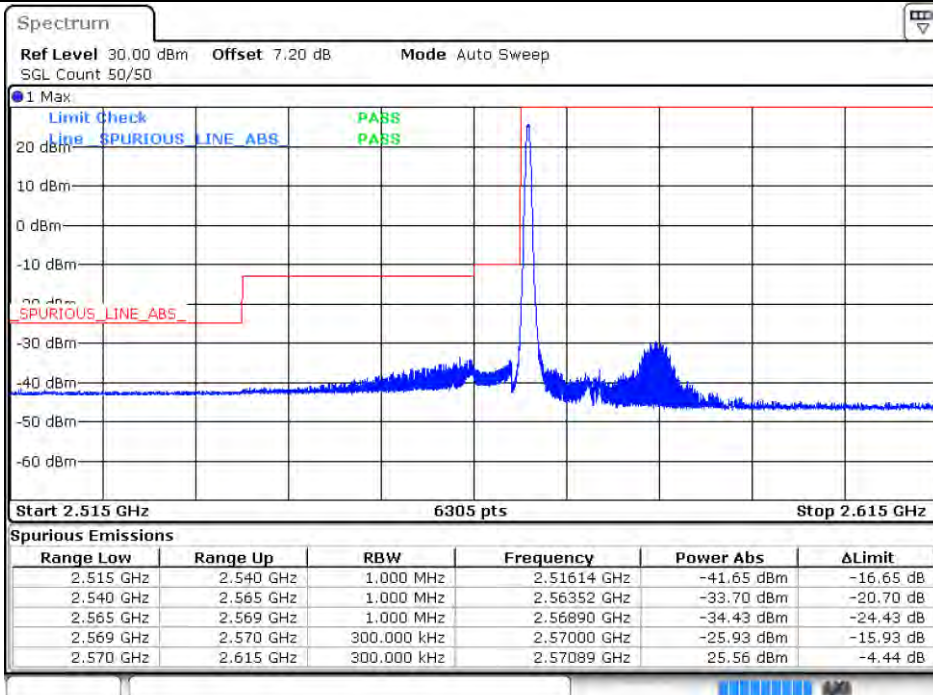


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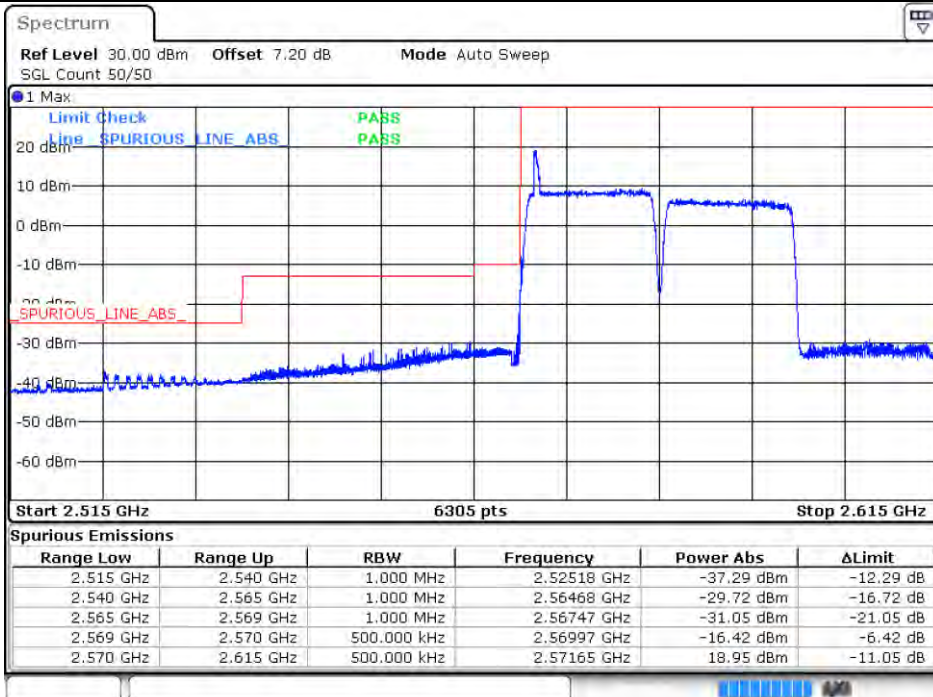


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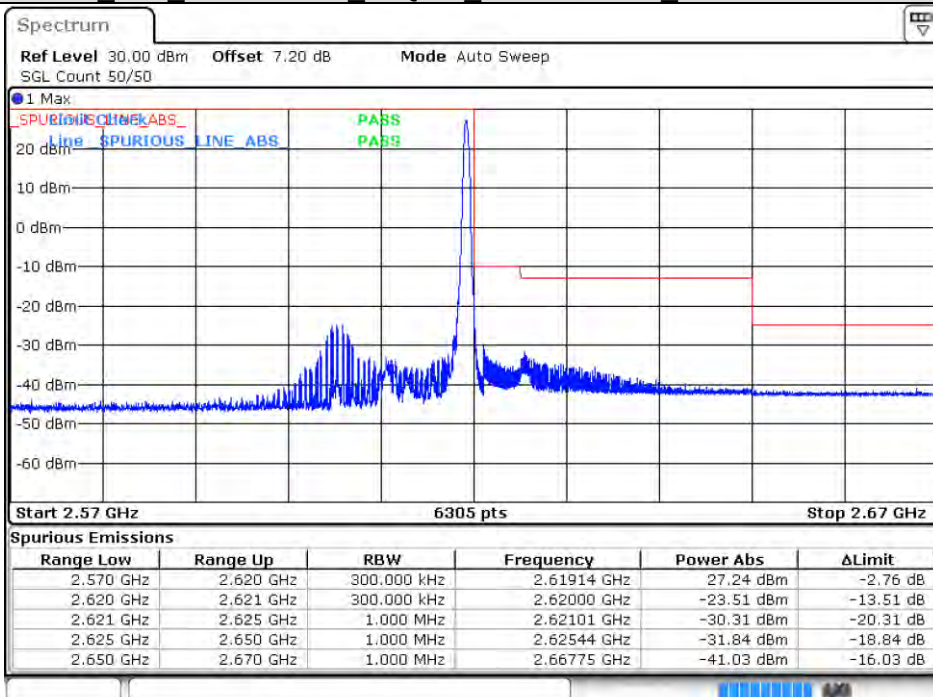
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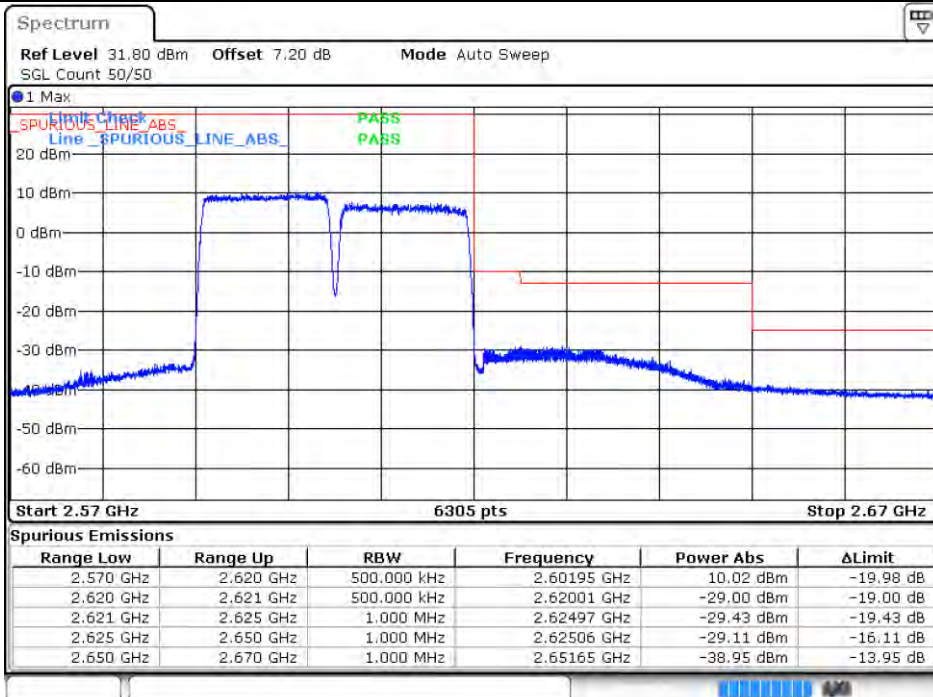


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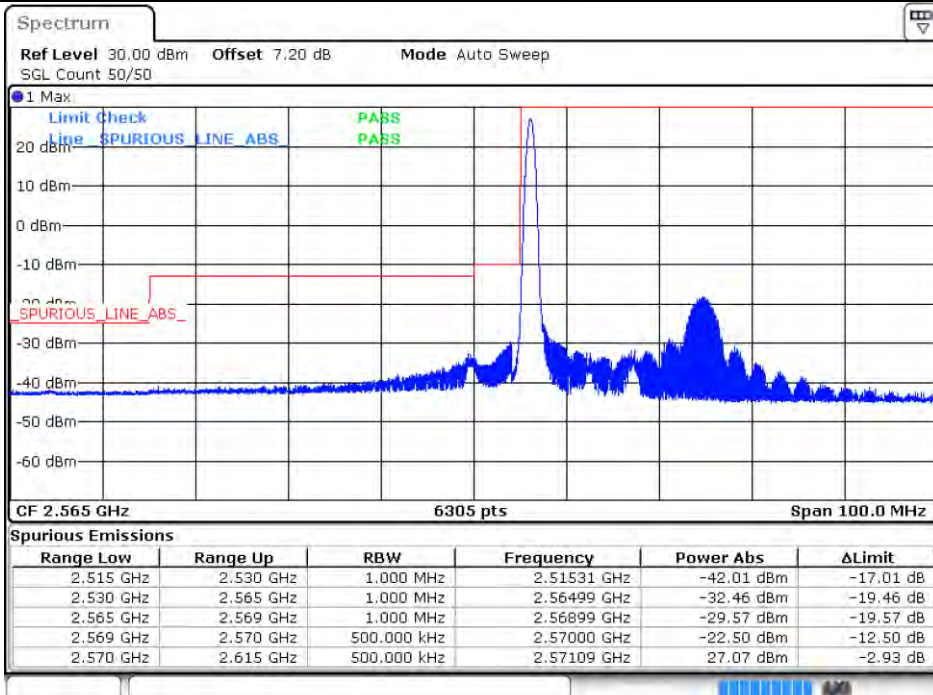
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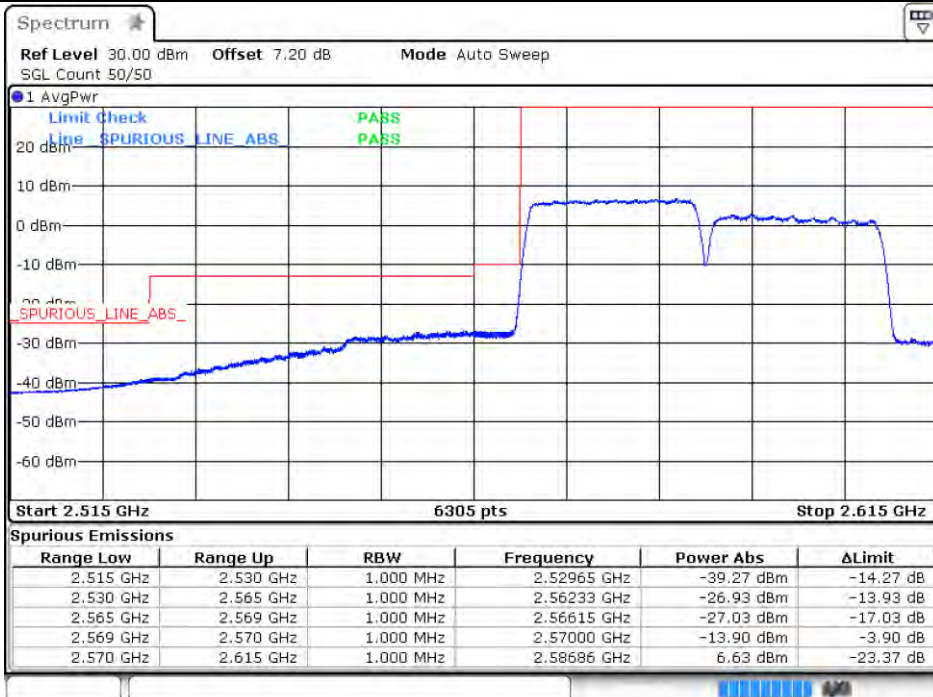


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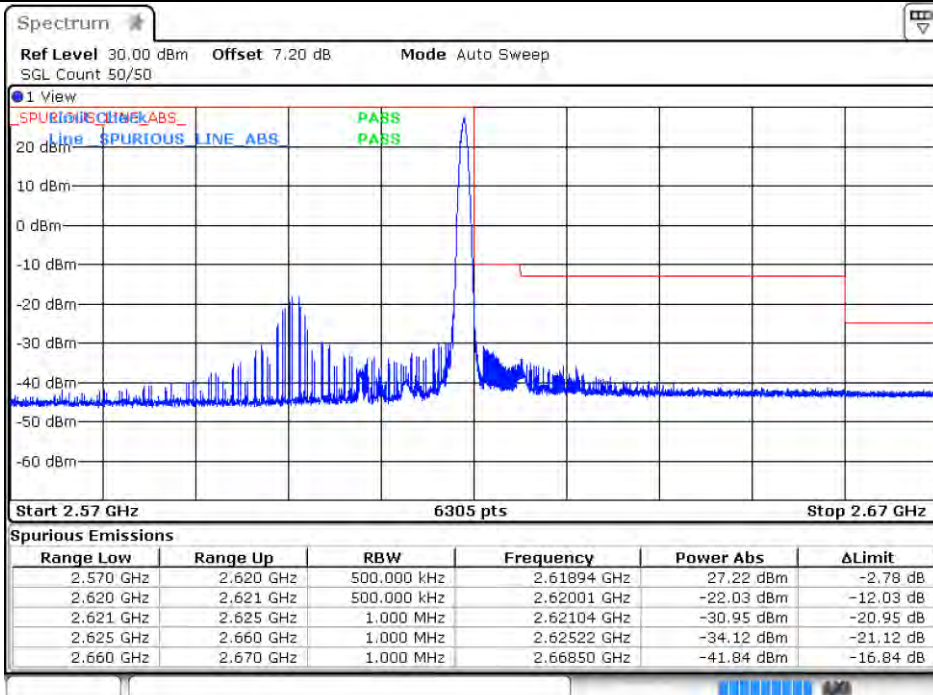
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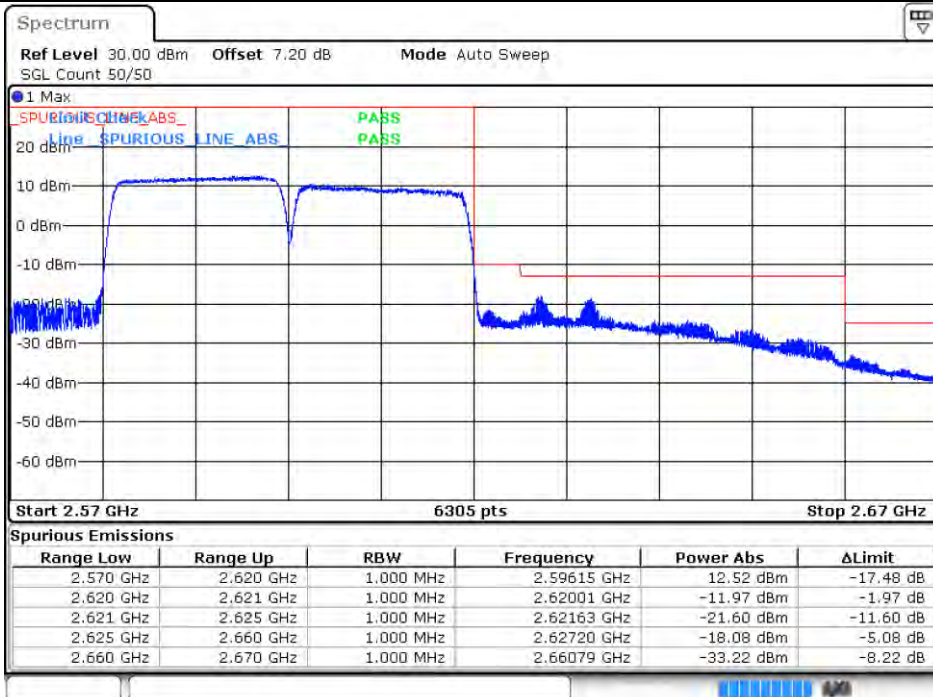


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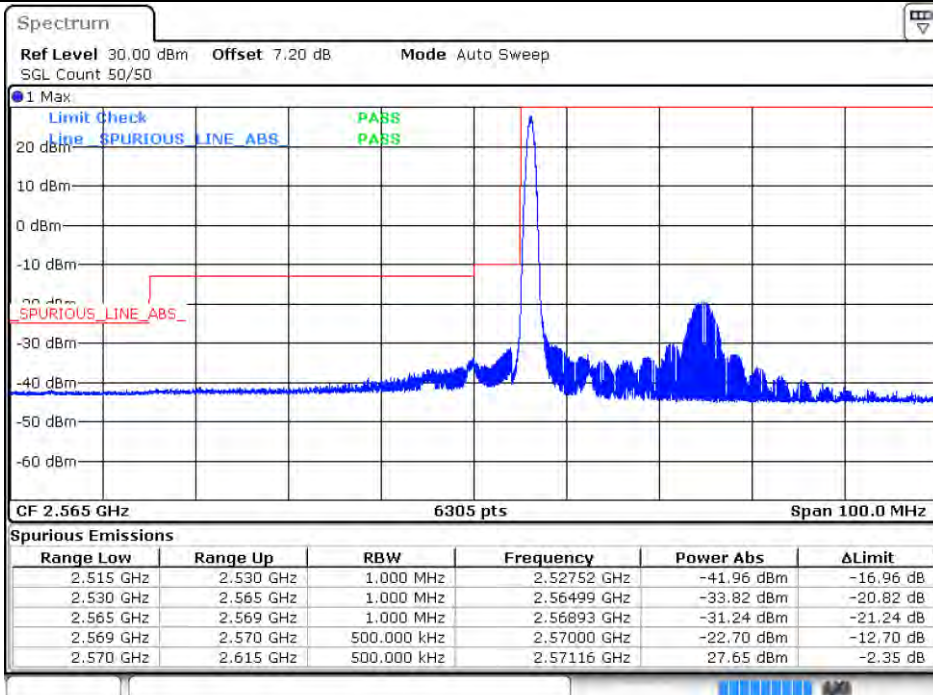
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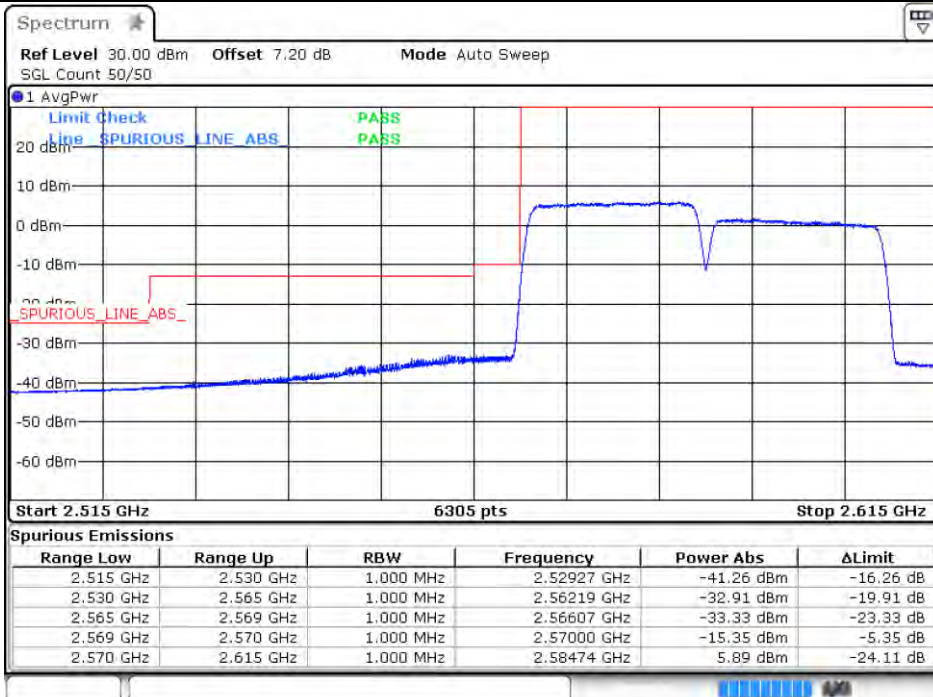


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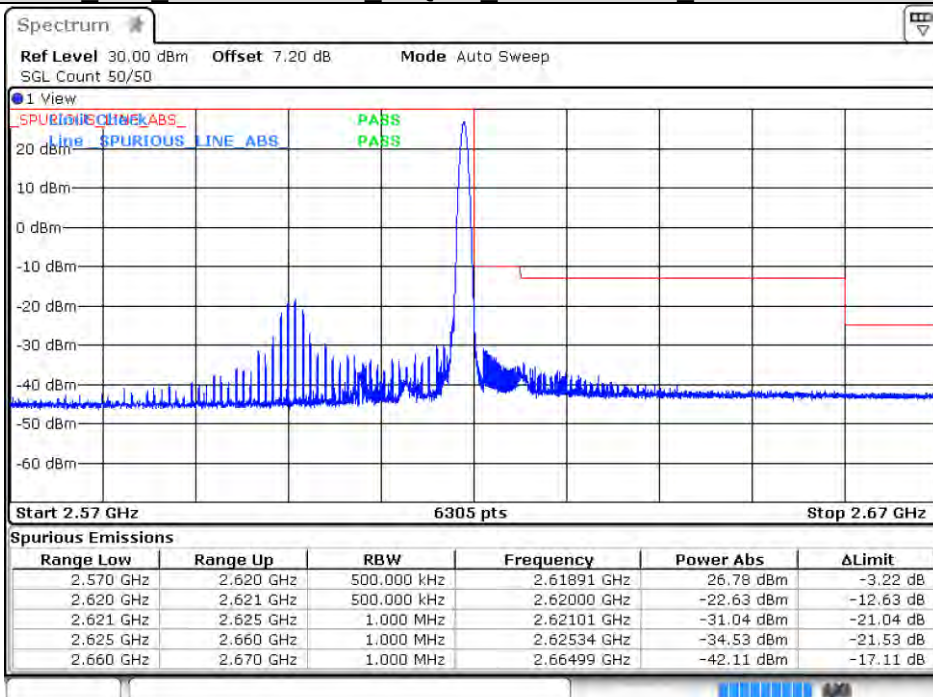
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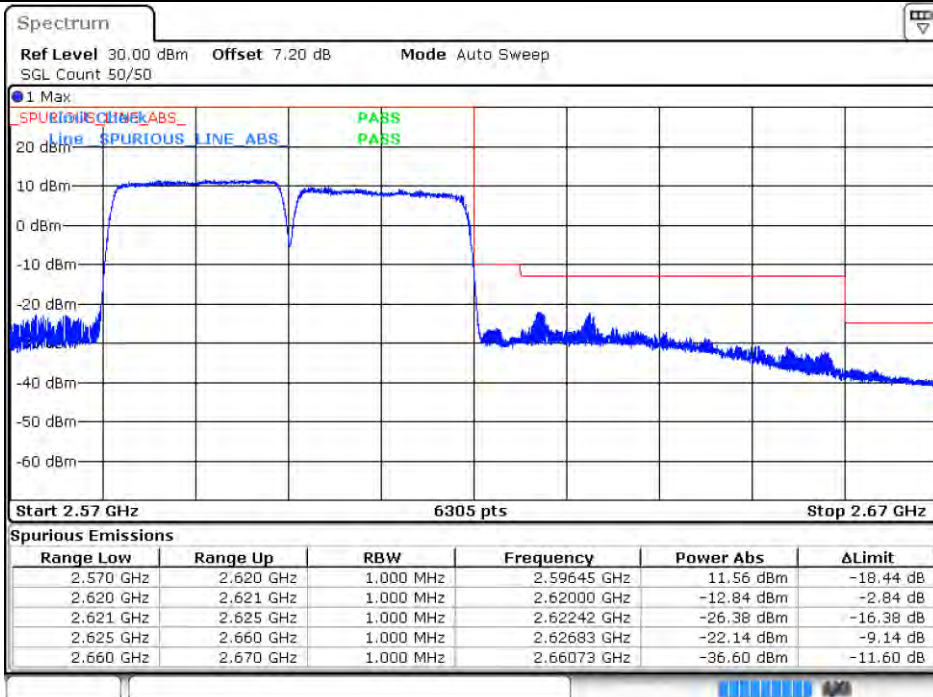


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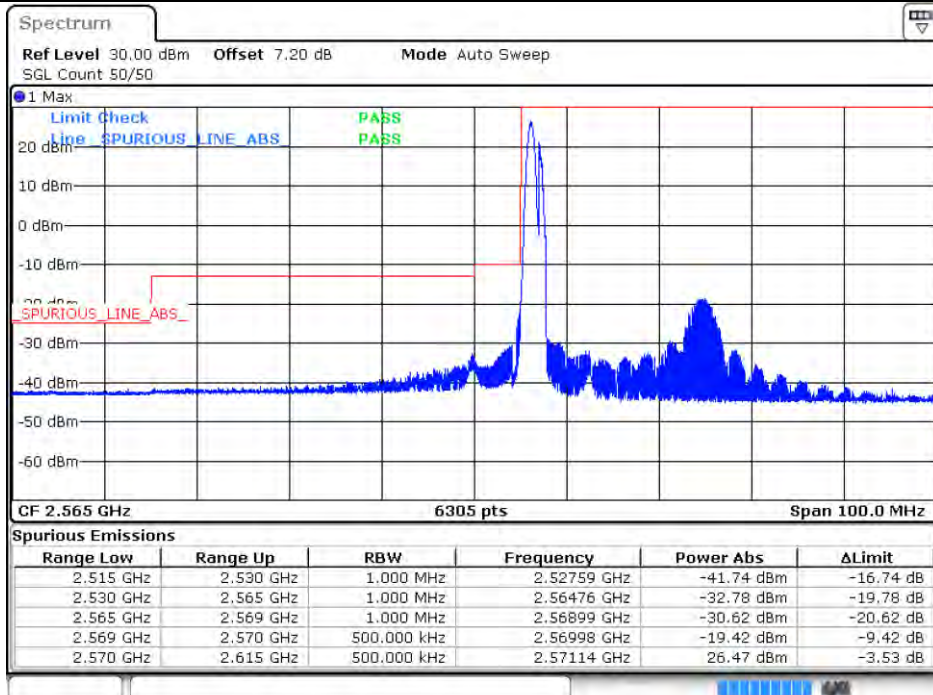
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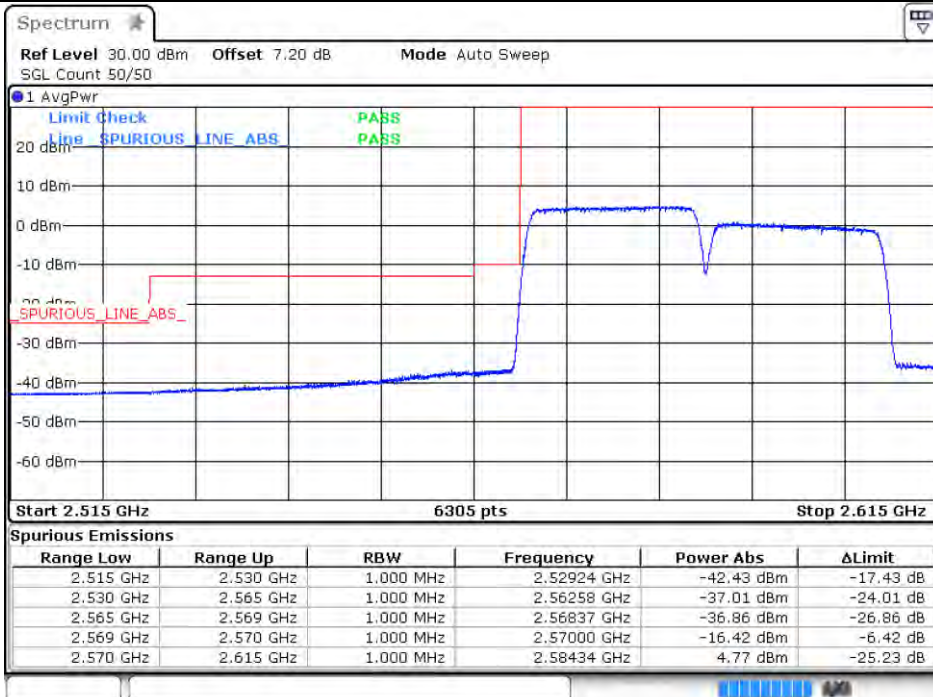


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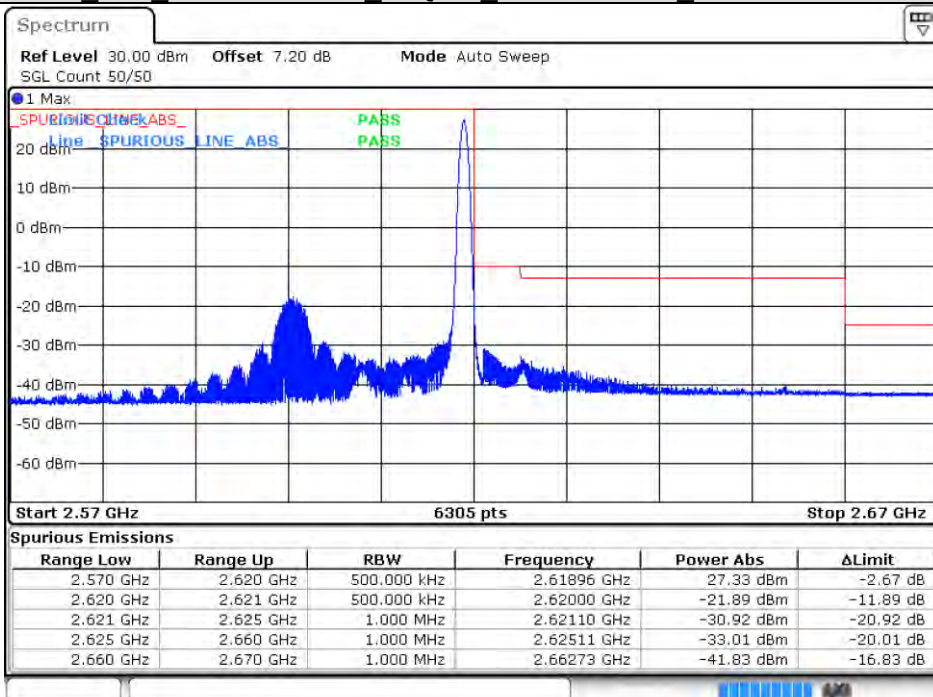
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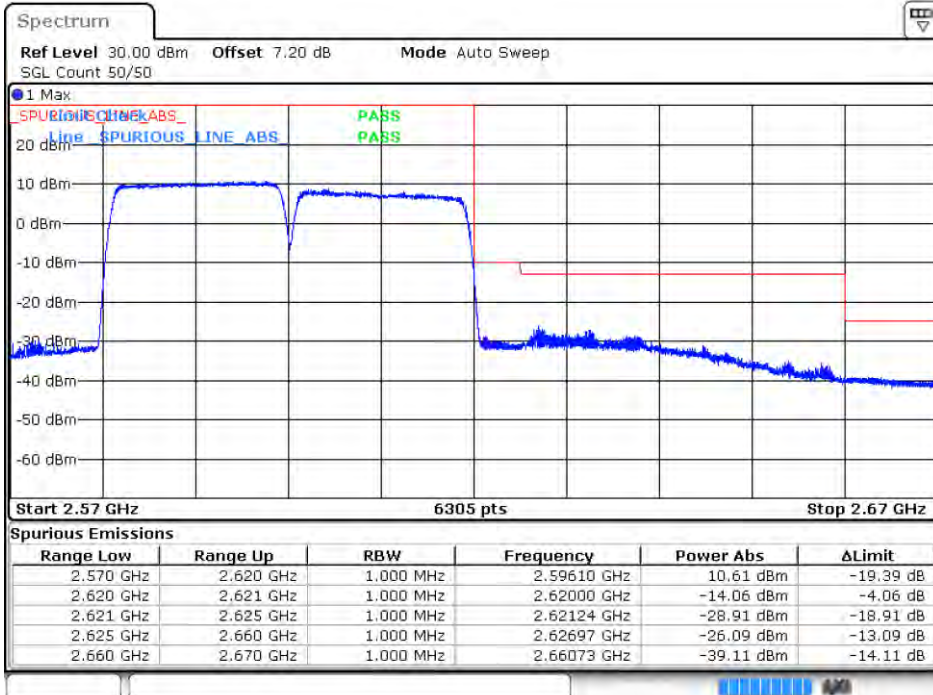


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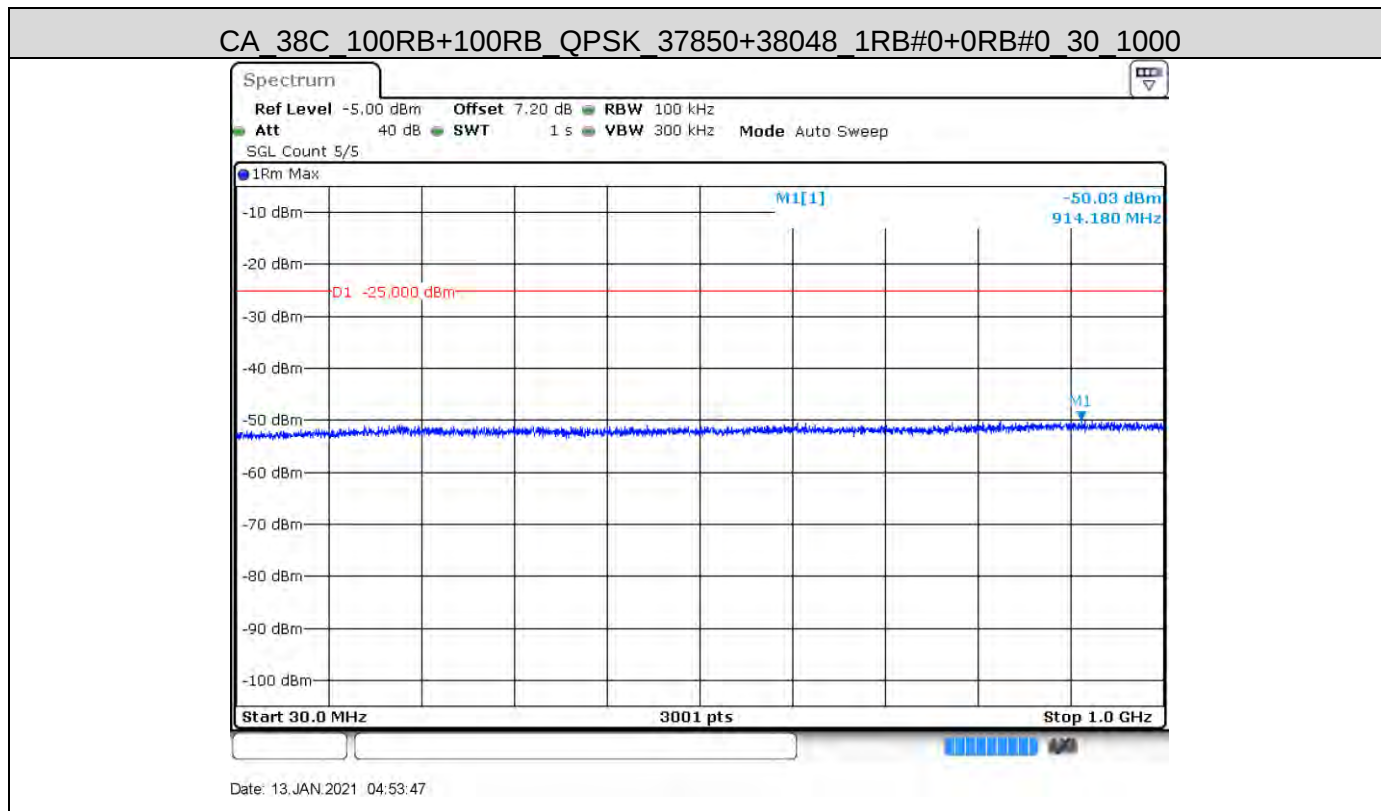
6 Spurious Emission at Antenna Terminal

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_38C



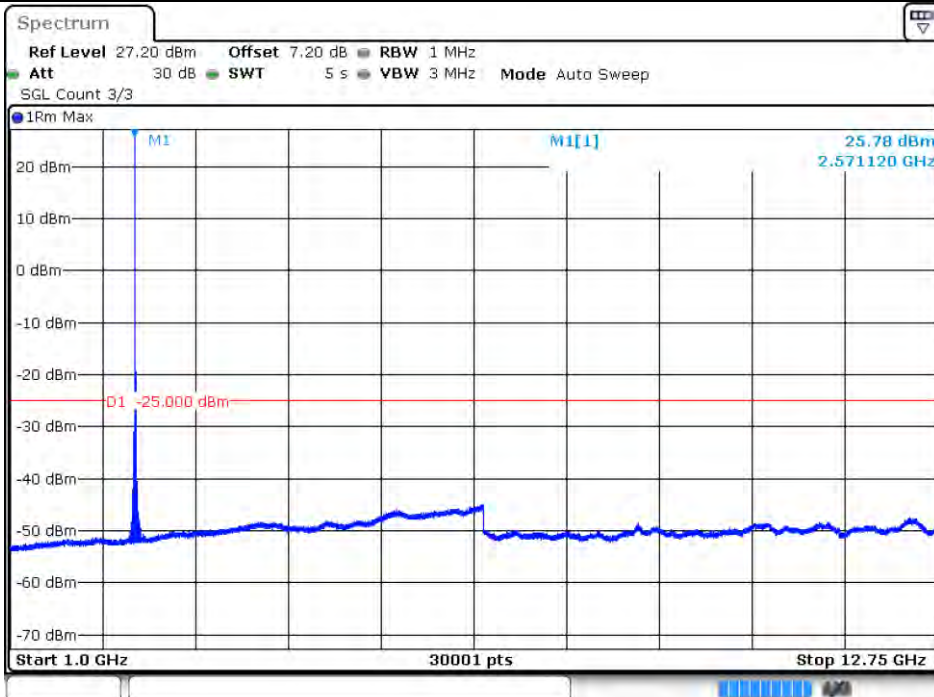
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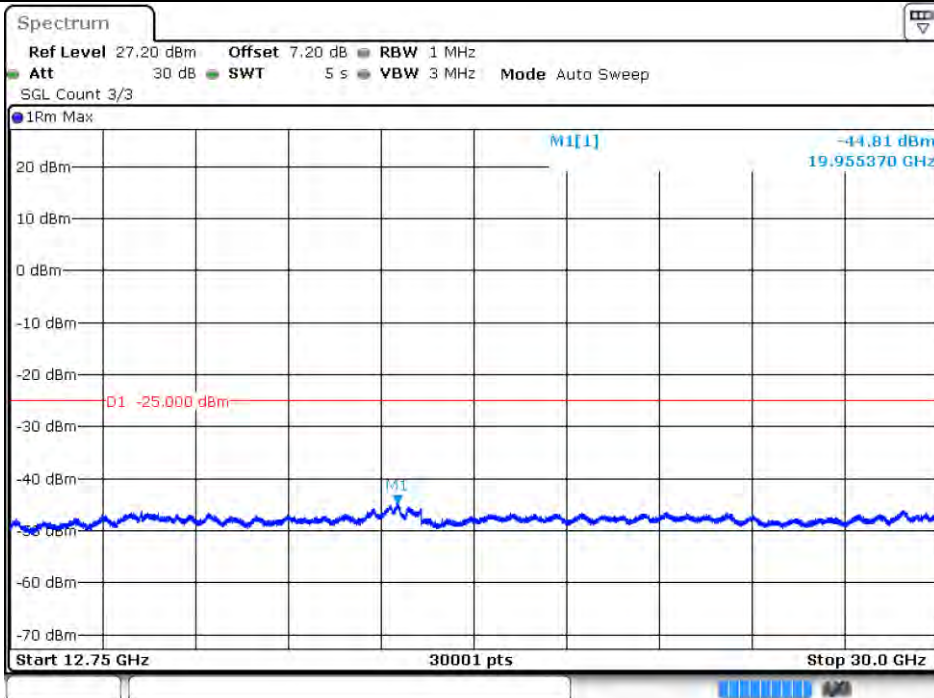
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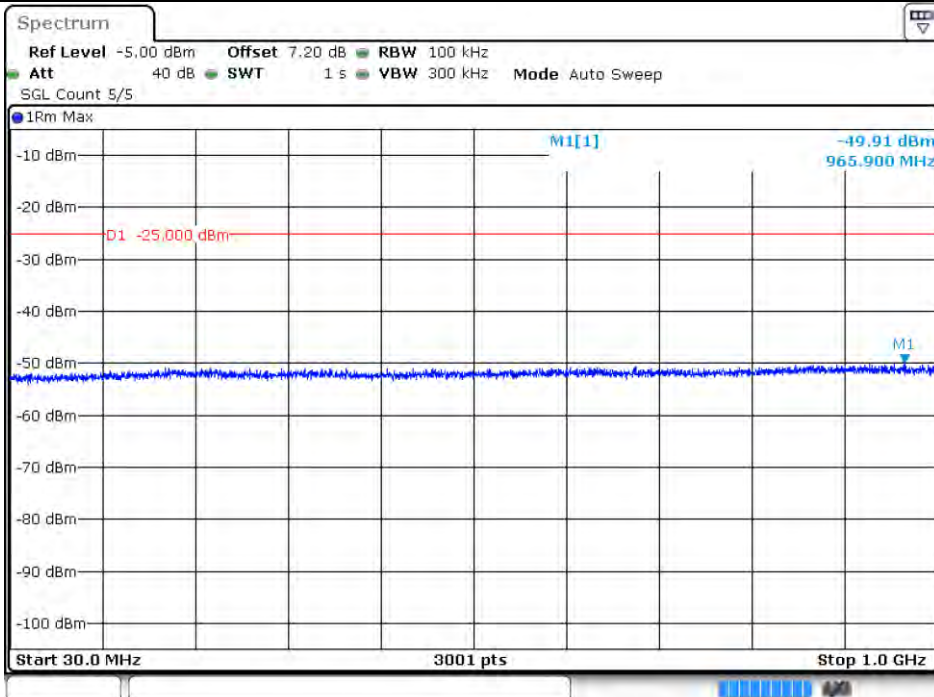
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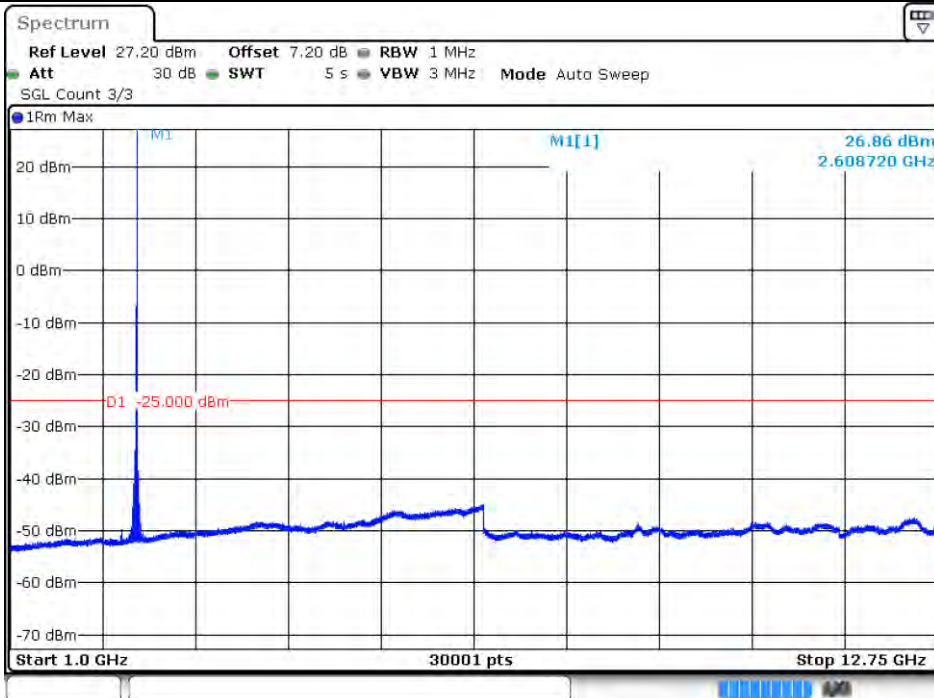


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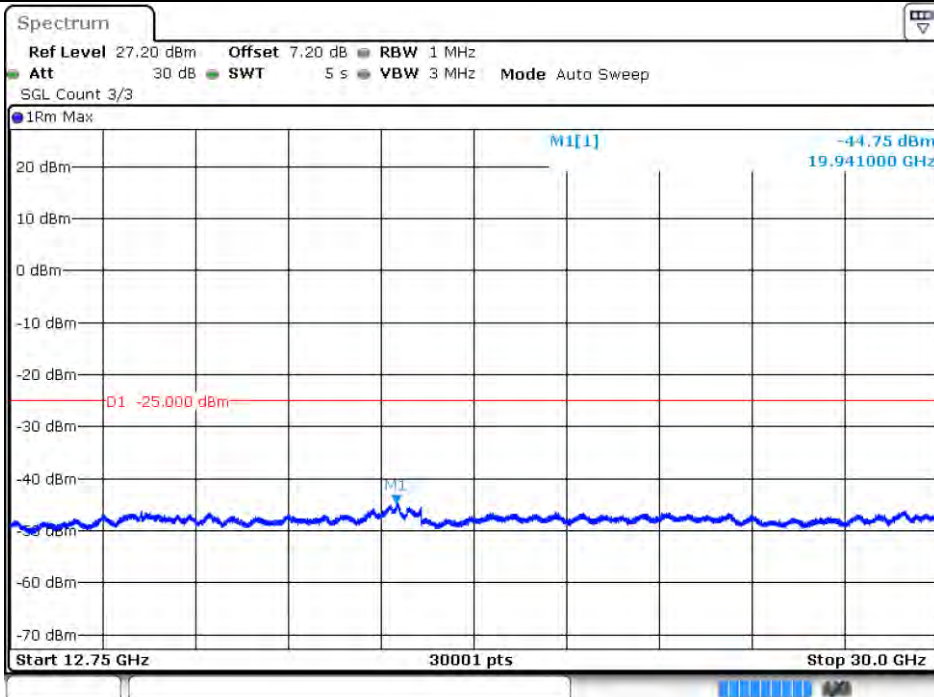
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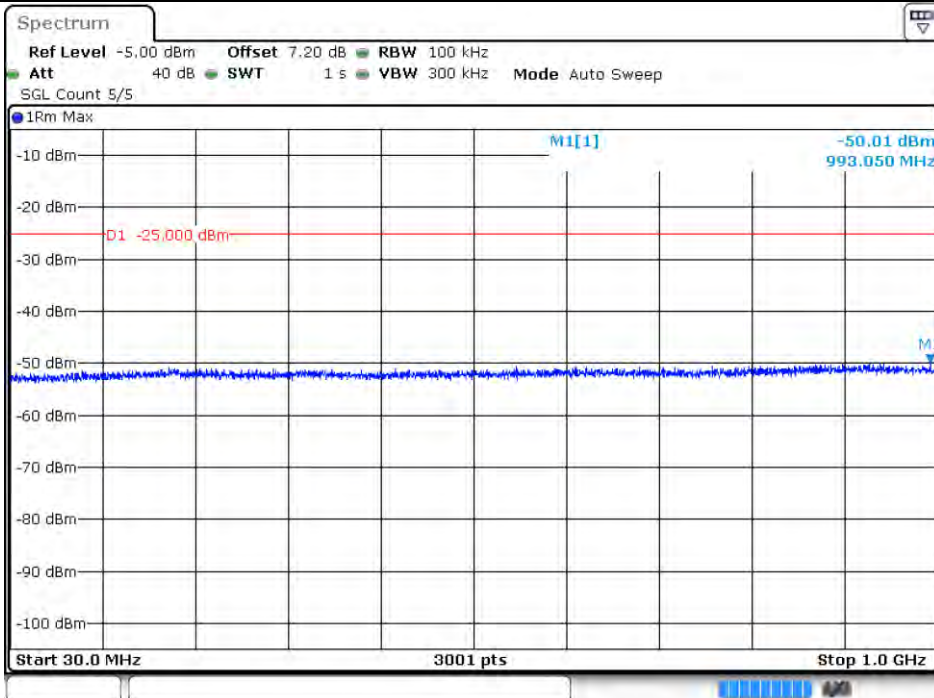


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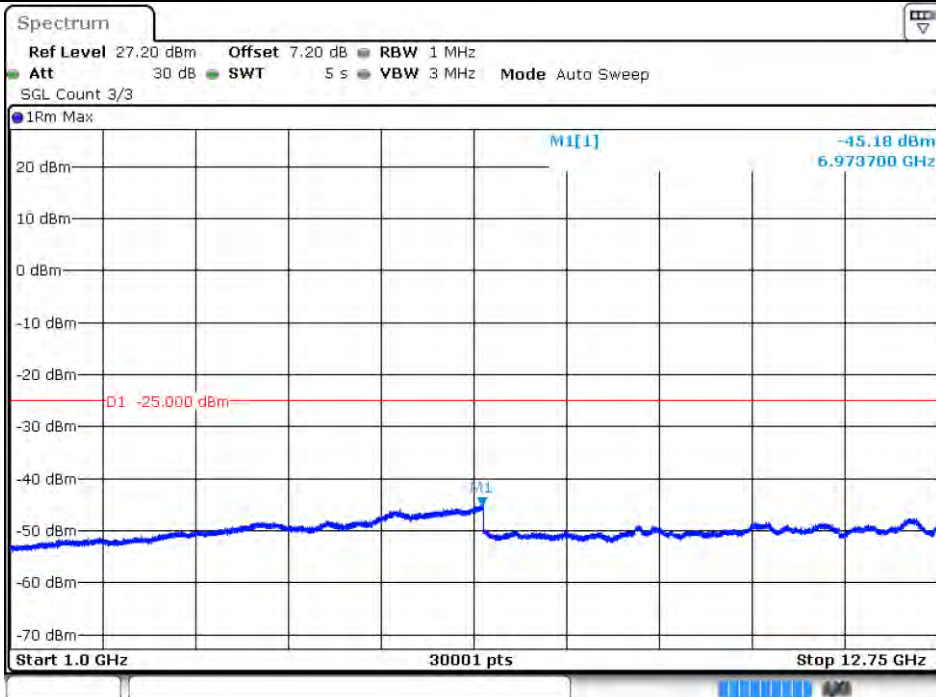
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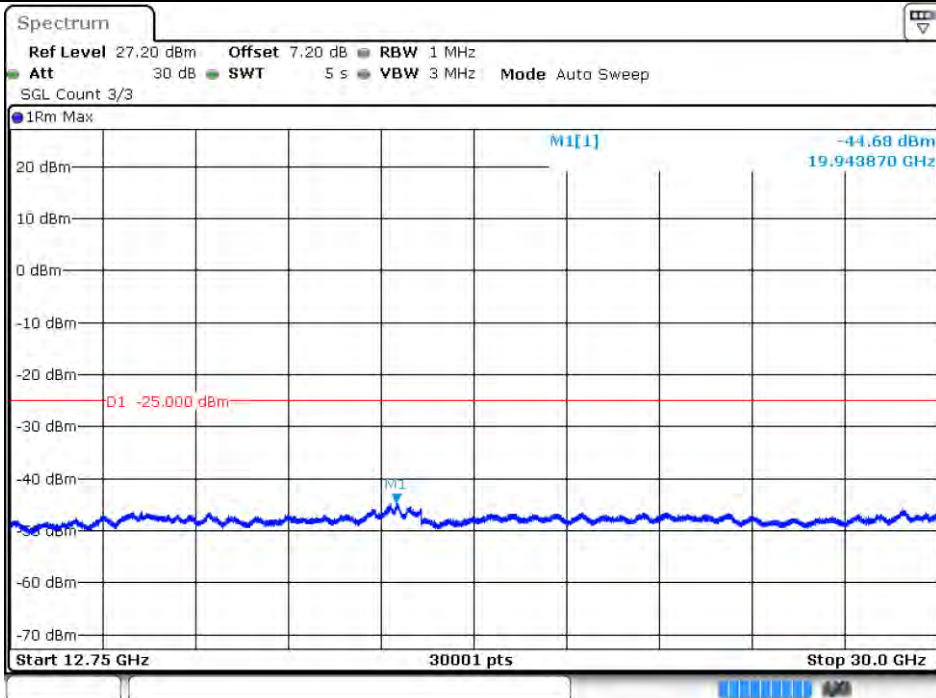


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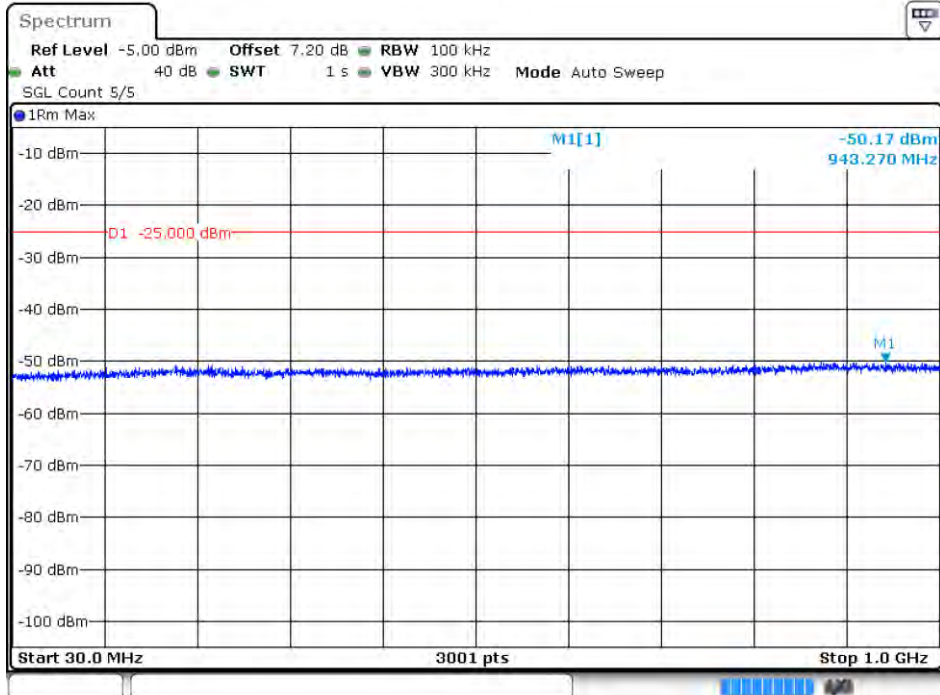
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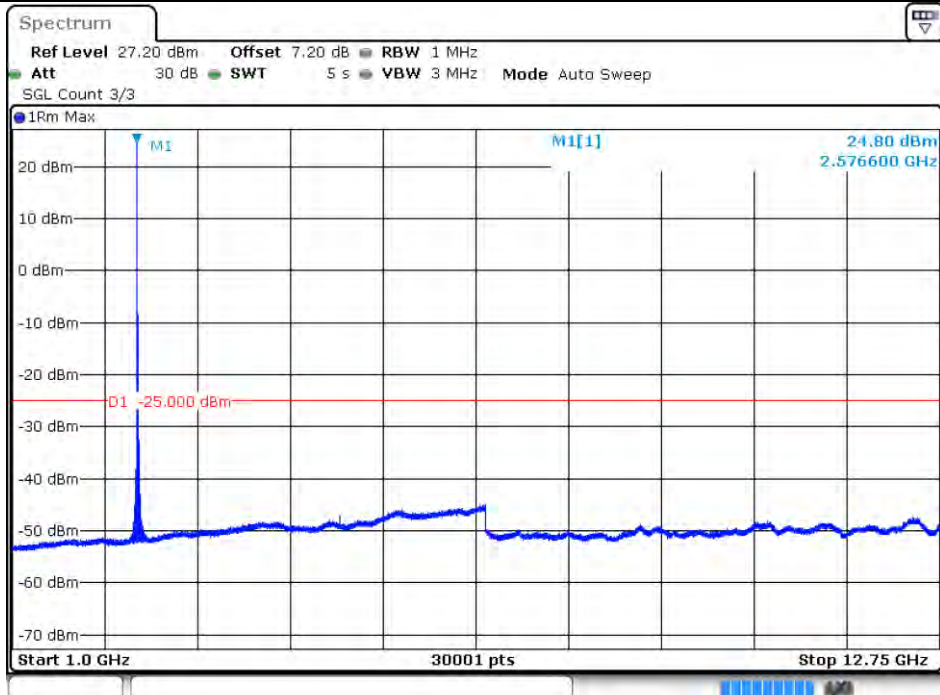


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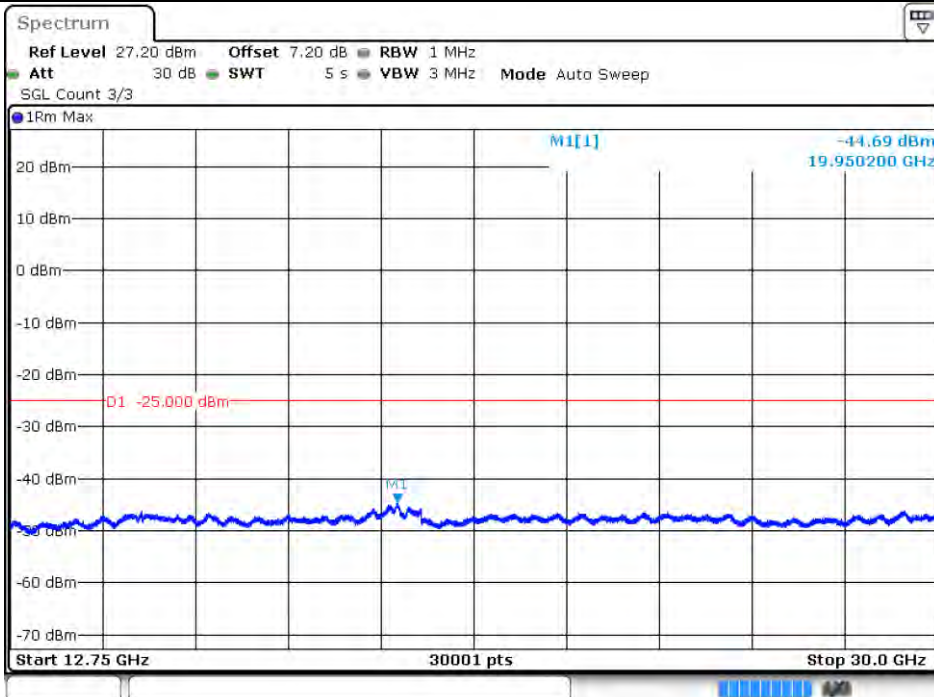
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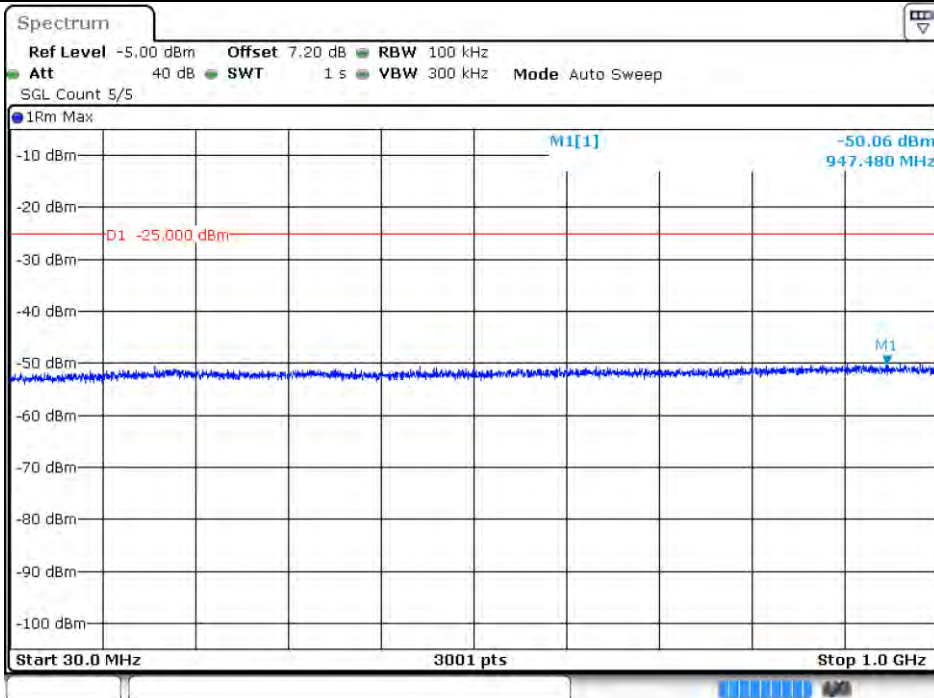


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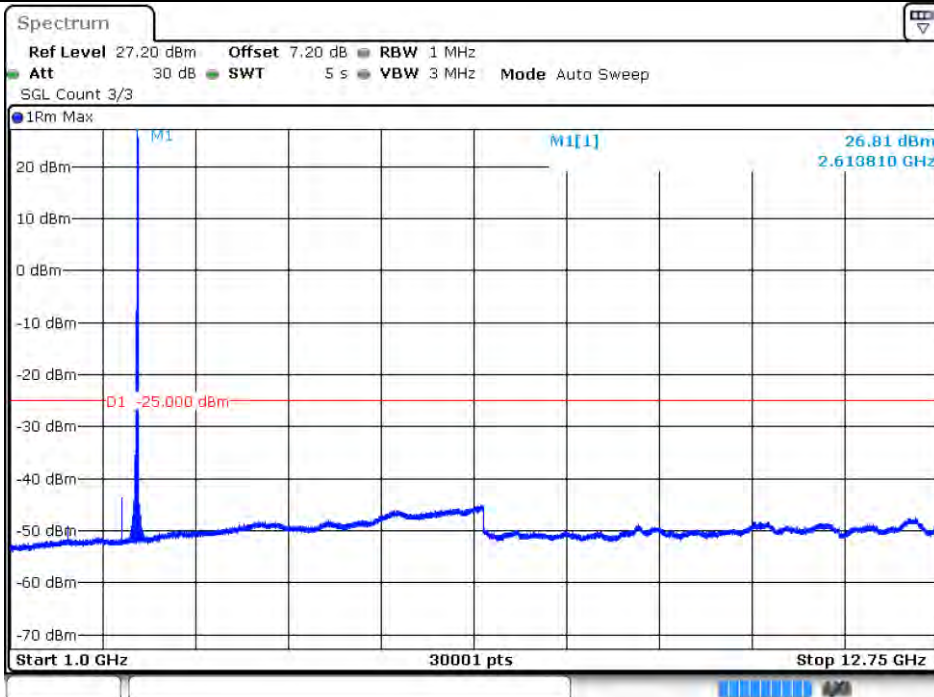
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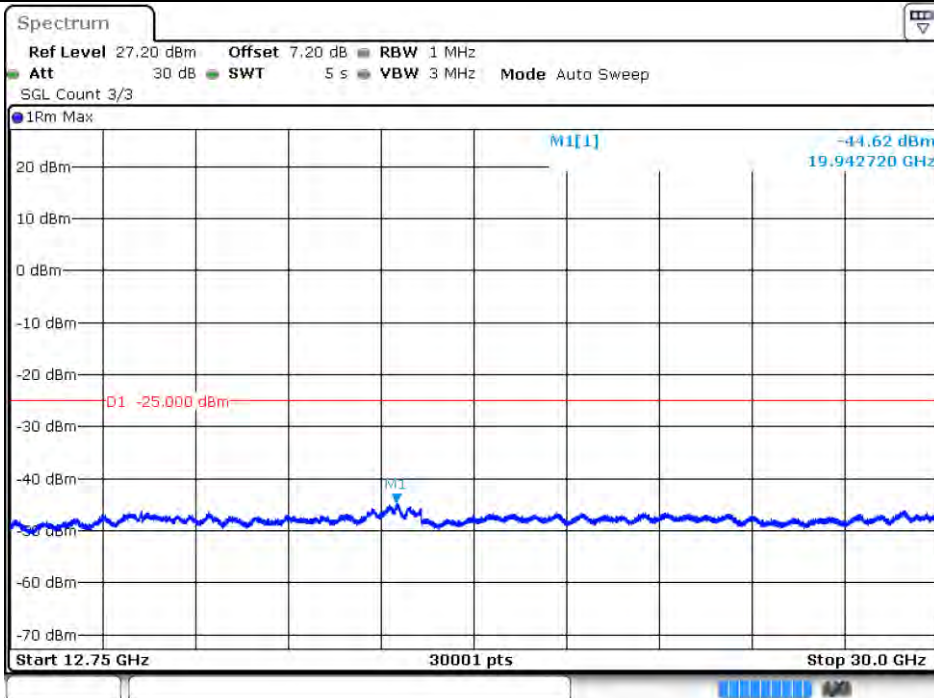
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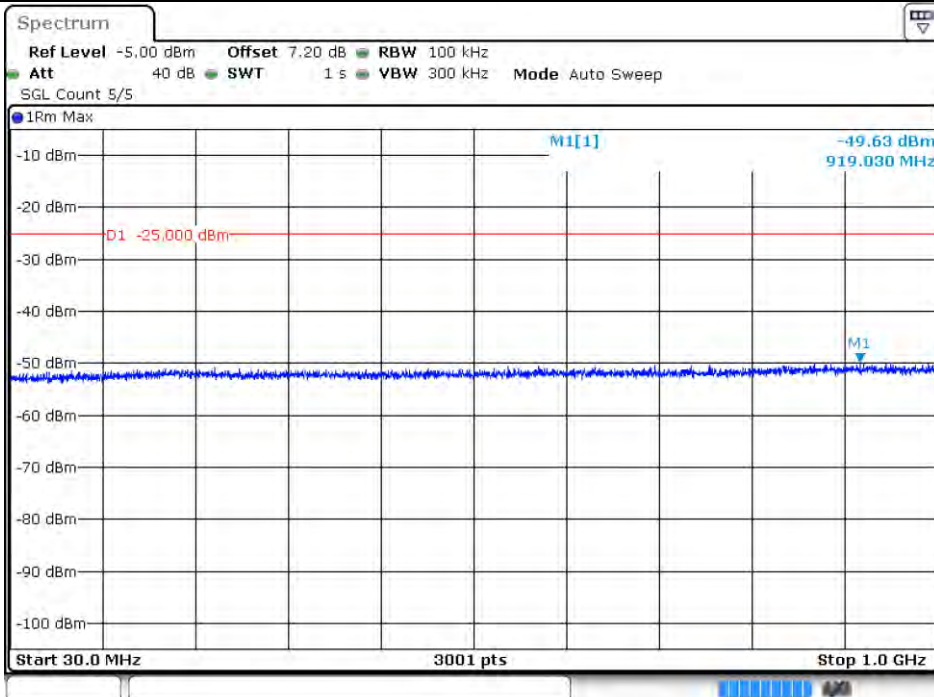
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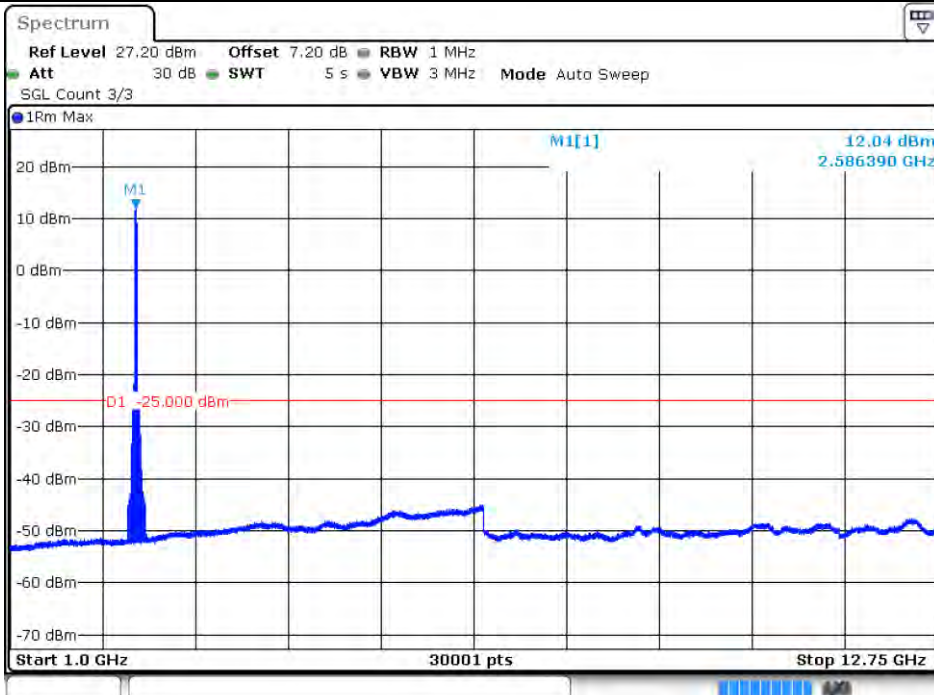


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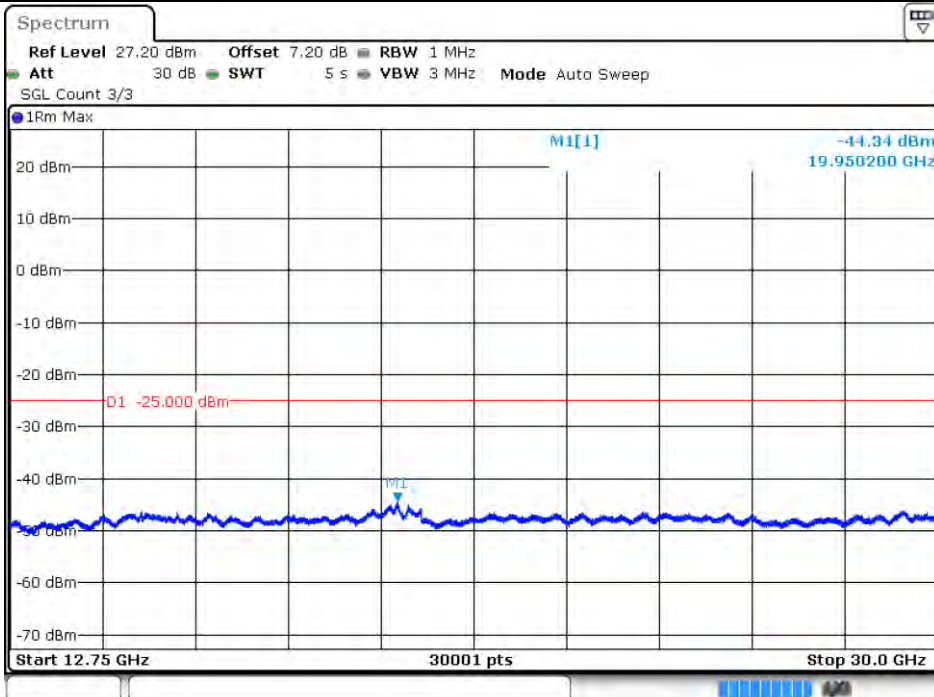
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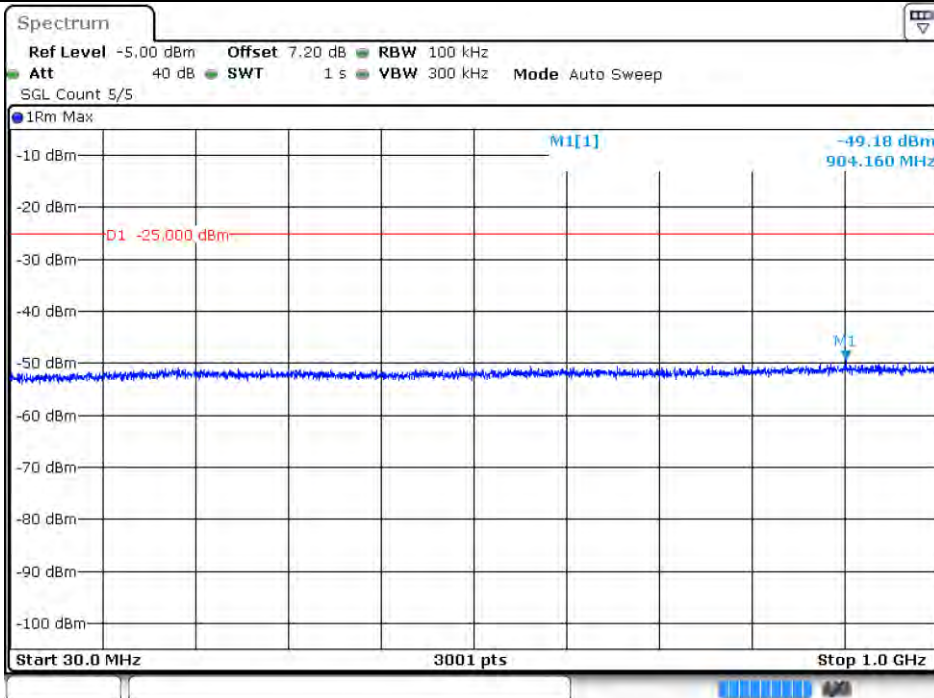


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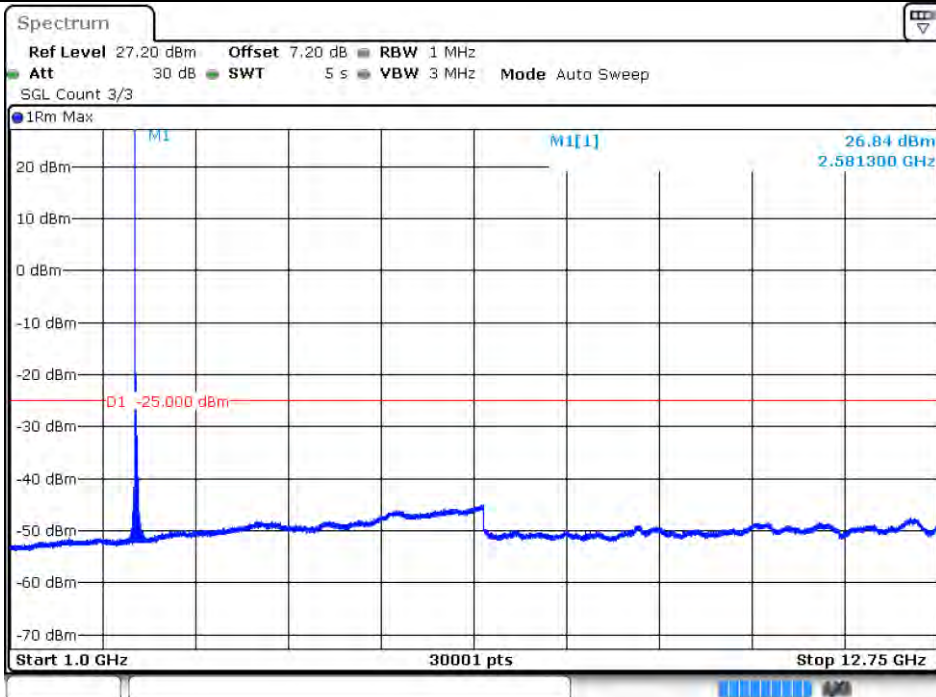
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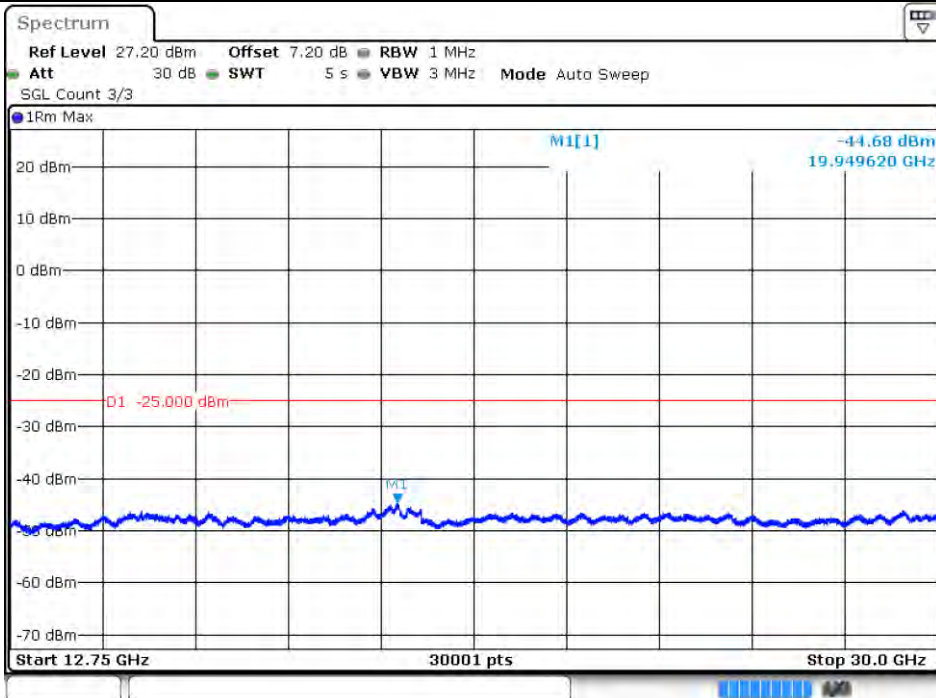


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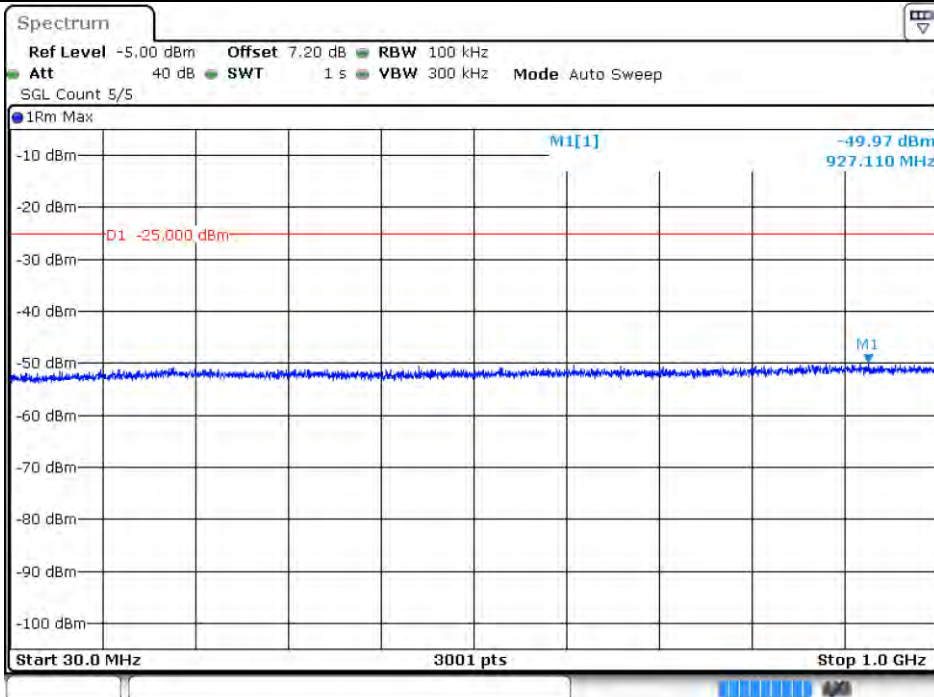
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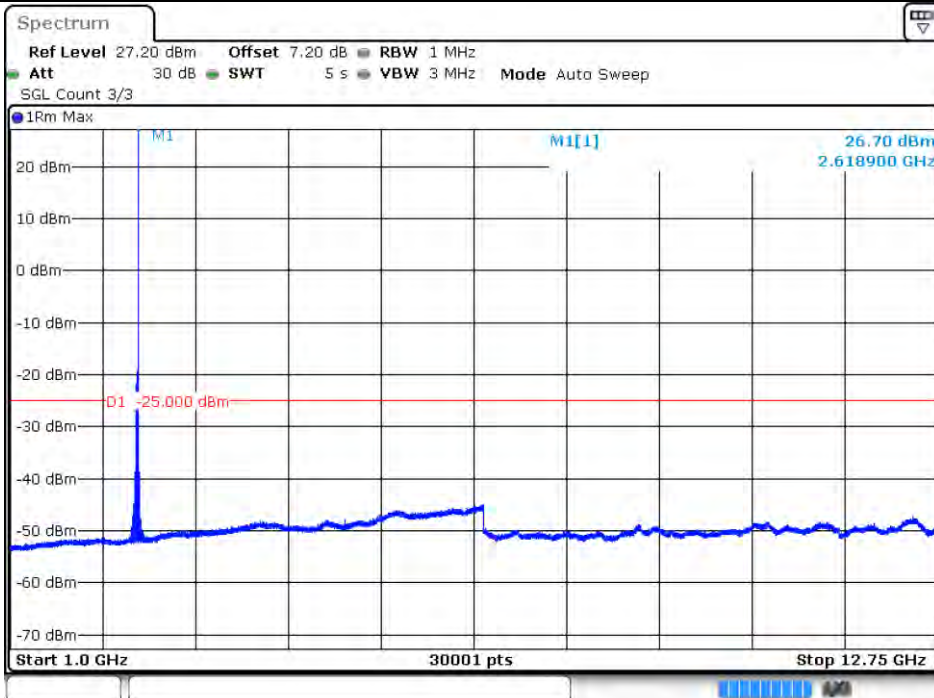


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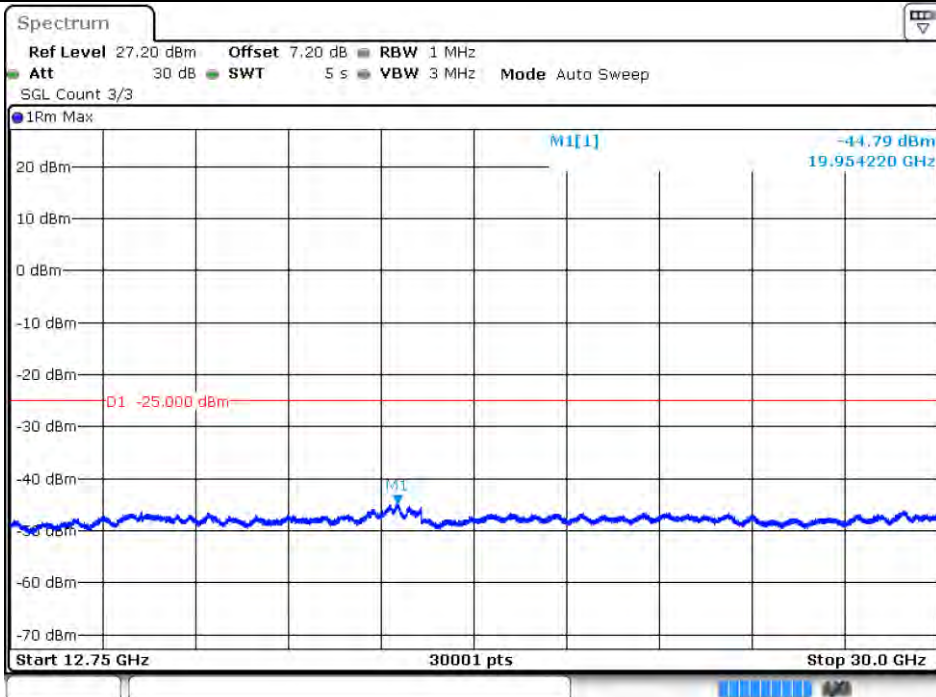
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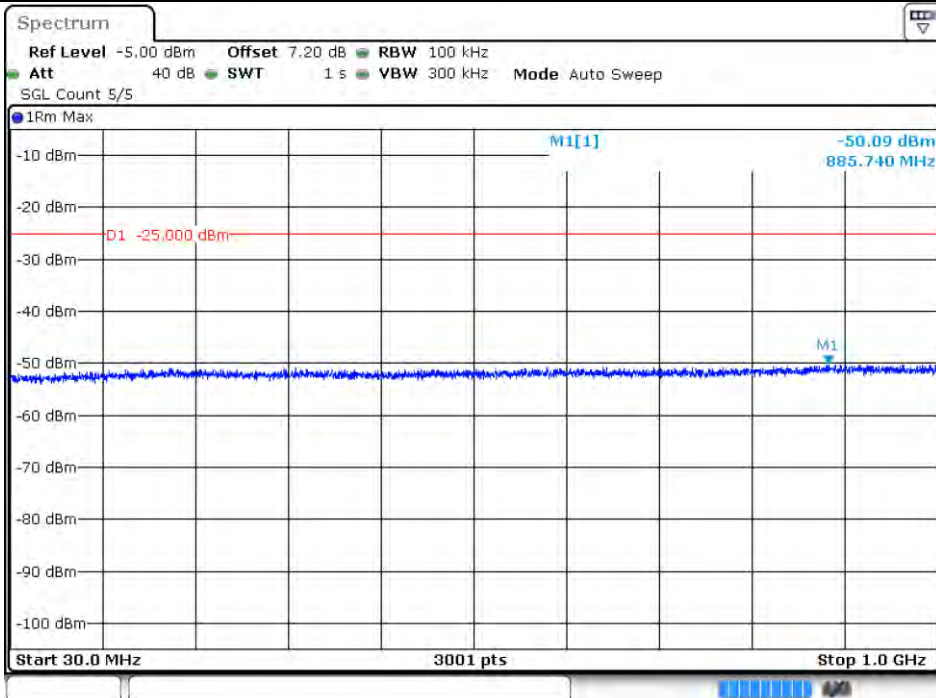


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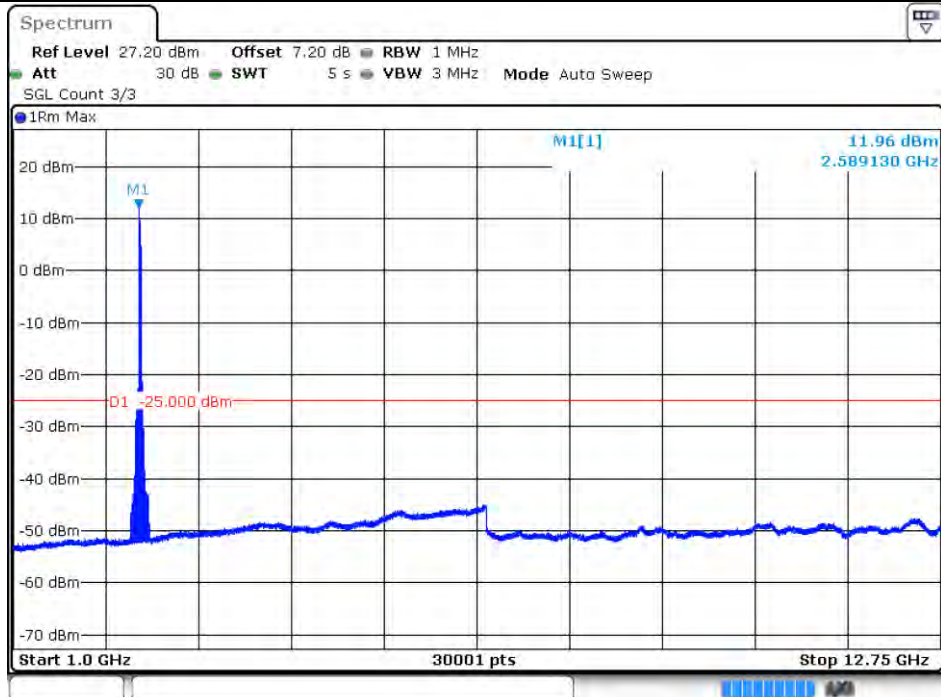
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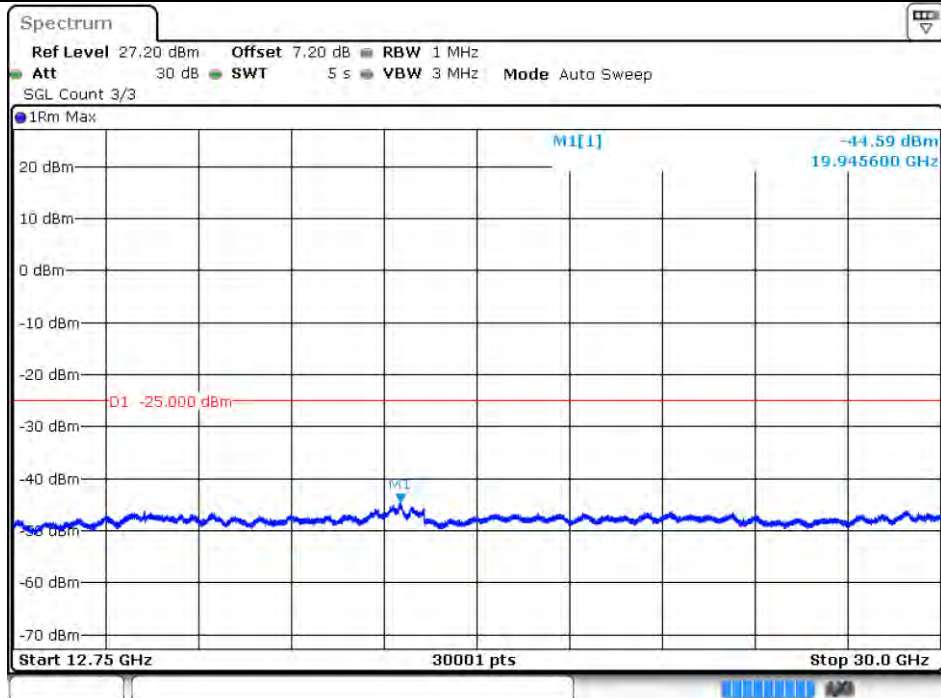
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CA 38C 100RB+100RB QPSK 37952+38150 100RB#0+100RB#0 1000 12750



Date: 13.JAN.2021 05:13:36

CA 38C 100RB+100RB QPSK 37952+38150 100RB#0+100RB#0 12750 30000



Date: 13.JAN.2021 05:33:40



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7 Field Strength of Spurious Radiation

7.1. Test Band = CA_38C_TM1 ANT 2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5022	-71.25	-64.26	-25.00	39.26	Horizontal
2	230.4120	-70.86	-68.03	-25.00	43.03	Horizontal
3	731.9756	-71.07	-61.70	-25.00	36.70	Horizontal
4	7449.6483	-57.22	-57.25	-25.00	32.25	Horizontal
5	16395.446	-60.15	-45.78	-25.00	20.78	Horizontal
6	17302.976	-59.27	-46.81	-25.00	21.81	Horizontal



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7.2. Test Band = CA_38C_TM1 ANT 2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.4010	-68.97	-70.29	-25.00	45.29	Vertical
2	113.7152	-69.53	-63.45	-25.00	38.45	Vertical
3	742.8401	-71.13	-61.68	-25.00	36.68	Vertical
4	7360.6454	-57.33	-56.81	-25.00	31.81	Vertical
5	14486.882	-61.33	-48.93	-25.00	23.93	Vertical
6	17999.500	-59.81	-41.94	-25.00	16.94	Vertical



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7.3. Test Band = CA_38C_TM1 ANT 2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.8945	-70.68	-63.96	-25.00	38.96	Horizontal
2	234.1467	-71.35	-68.54	-25.00	43.54	Horizontal
3	612.8051	-70.46	-62.76	-25.00	37.76	Horizontal
4	7451.1484	-57.24	-57.27	-25.00	32.27	Horizontal
5	16404.946	-59.81	-45.49	-25.00	20.49	Horizontal
6	17993.999	-59.29	-46.30	-25.00	21.30	Horizontal



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7.4. Test Band = CA_38C_TM1 ANT 2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.6964	-68.26	-66.50	-25.00	41.50	Vertical
2	115.2673	-71.19	-65.24	-25.00	40.24	Vertical
3	797.8419	-70.62	-60.94	-25.00	35.94	Vertical
4	7379.1460	-57.31	-56.77	-25.00	31.77	Vertical
5	14512.883	-61.30	-48.91	-25.00	23.91	Vertical
6	17996.999	-59.86	-42.06	-25.00	17.06	Vertical



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7.5. Test Band = CA_38C_TM1 ANT 2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-70.58	-63.59	-25.00	38.59	Horizontal
2	240.8885	-70.81	-68.04	-25.00	43.04	Horizontal
3	709.9555	-70.91	-62.26	-25.00	37.26	Horizontal
4	3729.5243	-52.07	-60.55	-25.00	35.55	Horizontal
5	10092.736	-58.56	-53.07	-25.00	28.07	Horizontal
6	17985.499	-59.64	-46.86	-25.00	21.86	Horizontal



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7.6. Test Band = CA_38C_TM1 ANT 2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	76.9018	-69.07	-67.81	-25.00	42.81	Vertical
2	112.3086	-70.80	-64.59	-25.00	39.59	Vertical
3	611.7381	-69.55	-61.95	-25.00	36.95	Vertical
4	7350.1450	-57.11	-56.59	-25.00	31.59	Vertical
5	14464.382	-61.14	-48.92	-25.00	23.92	Vertical
6	17994.999	-59.87	-42.12	-25.00	17.12	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz and above 18GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 The whole testing has assessed Ant2 & Ant3, But only the worst data has be reported



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8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	RB Config	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	TN	LV	-10.42	-0.004036	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	TN	NV	10.85	0.004201	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	TN	HV	-14.38	-0.005571	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	LV	-14.68	-0.005674	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	NV	11.70	0.004525	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	HV	-8.03	-0.003103	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	LV	-10.18	-0.003907	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	NV	2.56	0.000982	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	HV	-8.49	-0.003257	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	LV	5.51	0.002116	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	NV	0.02	0.000007	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	HV	3.74	0.001437	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	LV	5.49	0.002121	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	NV	-10.76	-0.004160	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	HV	-4.49	-0.001737	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	LV	1.90	0.000730	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	NV	1.93	0.000742	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	HV	-10.56	-0.004051	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	LV	5.72	0.002217	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	NV	-14.03	-0.005435	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	HV	-11.54	-0.004471	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	LV	2.84	0.001097	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	NV	-10.90	-0.004214	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	HV	-0.38	-0.000147	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	LV	11.18	0.004289	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	NV	-4.89	-0.001878	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	HV	7.98	0.003063	PASS





8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	RB Config	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-30	-10.54	-0.004082	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-20	-7.23	-0.002801	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-10	10.48	0.004058	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	0	-6.00	-0.002326	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	10	11.76	0.004553	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	20	5.21	0.002018	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	30	-3.45	-0.001337	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	40	0.72	0.000279	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	50	-11.78	-0.004561	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-30	9.24	0.003572	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-20	-13.77	-0.005322	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-10	14.06	0.005435	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	0	-4.49	-0.001734	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	10	-3.65	-0.001413	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	20	12.98	0.005017	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	30	2.26	0.000874	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	40	-5.93	-0.002292	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	50	-13.37	-0.005167	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-30	6.58	0.002524	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-20	-11.42	-0.004383	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-10	-13.49	-0.005177	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	0	-14.71	-0.005644	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	10	-12.99	-0.004983	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	20	0.09	0.000036	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	30	-11.19	-0.004295	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	40	12.92	0.004958	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	50	2.91	0.001116	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-30	-9.79	-0.003793	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-20	13.16	0.005095	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-10	14.95	0.005791	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	0	-12.78	-0.004948	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	10	-10.46	-0.004051	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	20	0.94	0.000364	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	30	-9.62	-0.003724	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	40	-11.12	-0.004305	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	50	12.47	0.004828	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-30	-9.20	-0.003558	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-20	-10.26	-0.003965	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-10	-11.57	-0.004474	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	0	-13.98	-0.005405	PASS



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CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	10	-13.82	-0.005342	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	20	-7.90	-0.003055	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	30	-0.27	-0.000105	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	40	13.02	0.005033	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	50	-2.18	-0.000843	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-30	12.38	0.004750	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-20	-1.29	-0.000494	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-10	6.49	0.002489	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	0	6.47	0.002483	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	10	12.09	0.004640	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	20	-12.71	-0.004876	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	30	-14.97	-0.005744	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	40	-9.52	-0.003651	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	50	-2.55	-0.000979	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-30	3.20	0.001238	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-20	2.21	0.000855	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-10	8.65	0.003352	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	0	-14.66	-0.005679	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	10	0.08	0.000029	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	20	-7.37	-0.002856	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	30	1.77	0.000685	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	40	-2.26	-0.000874	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	50	-5.48	-0.002123	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-30	7.12	0.002751	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-20	-9.75	-0.003768	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-10	7.68	0.002971	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	0	-6.48	-0.002506	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	10	-3.07	-0.001187	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	20	2.25	0.000871	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	30	5.12	0.001977	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	40	7.85	0.003035	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	50	-4.58	-0.001769	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-30	-11.42	-0.004383	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-20	14.21	0.005451	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-10	1.03	0.000395	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	0	-6.36	-0.002441	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	10	8.99	0.003451	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	20	1.12	0.000431	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	30	-11.85	-0.004548	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	40	3.70	0.001421	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	50	-13.34	-0.005119	PASS

The End



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