



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

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	22.39	22.75	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	22.61	22.97	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	22.42	22.78	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	23.39	23.75	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	22.75	23.11	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	23.18	23.54	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	22.46	22.82	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	23.15	23.51	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	22.63	22.99	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	22.91	23.27	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	23.02	23.38	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	23.24	23.6	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	21.94	22.3	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	22.15	22.51	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	22.34	22.7	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	21.69	22.05	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	22.16	22.52	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	22.29	22.65	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	22.19	22.55	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	21.67	22.03	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	21.97	22.33	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	21.84	22.2	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	22.5	22.86	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	22.28	22.64	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	21.22	21.58	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	21.16	21.52	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	21.25	21.61	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	21.22	21.58	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	21.05	21.41	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	20.95	21.31	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	21.07	21.43	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	21.06	21.42	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	20.85	21.21	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	21.08	21.44	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	20.8	21.16	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	20.64	21	33.00	PASS



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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_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	8.52	13.00	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	6.32	13.00	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	8.52	13.00	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	9.48	13.00	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	9.33	13.00	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	9.65	13.00	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	9.91	13.00	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	7.68	13.00	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	9.91	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



Date: 22.FEB.2021 15:09:30



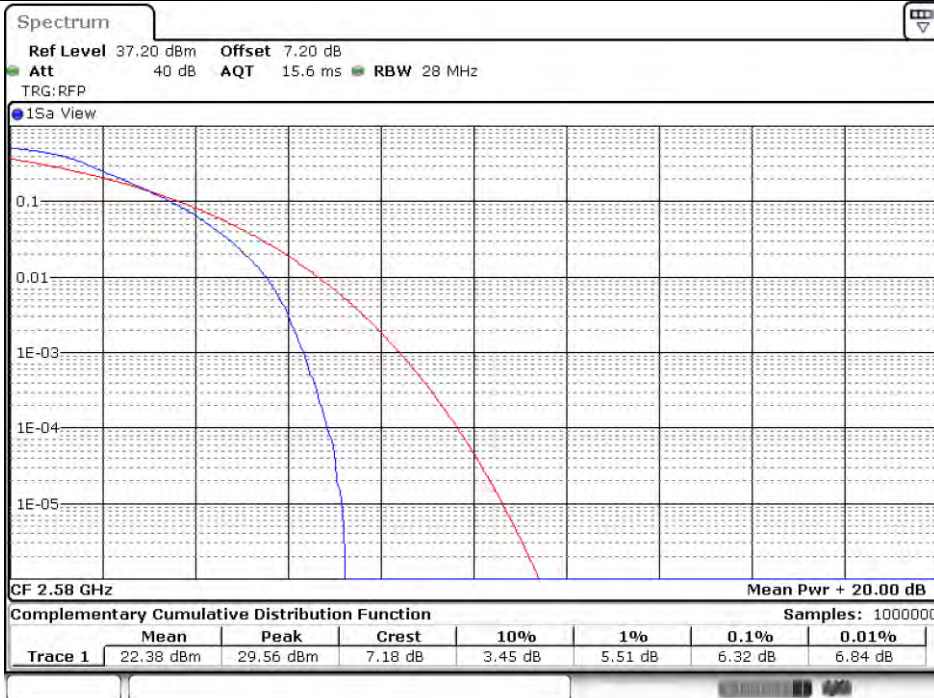
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CA_38C_100RB+100RB_QPSK_37901+38099_100RB#0+100RB#0



Date: 22.FEB.2021 15:09:07

CA_38C_100RB+100RB_QPSK_37952+38150_100RB#0+100RB#0



Date: 22.FEB.2021 15:09:52



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



Date: 22.FEB.2021 15:09:41

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



Date: 22.FEB.2021 15:09:18

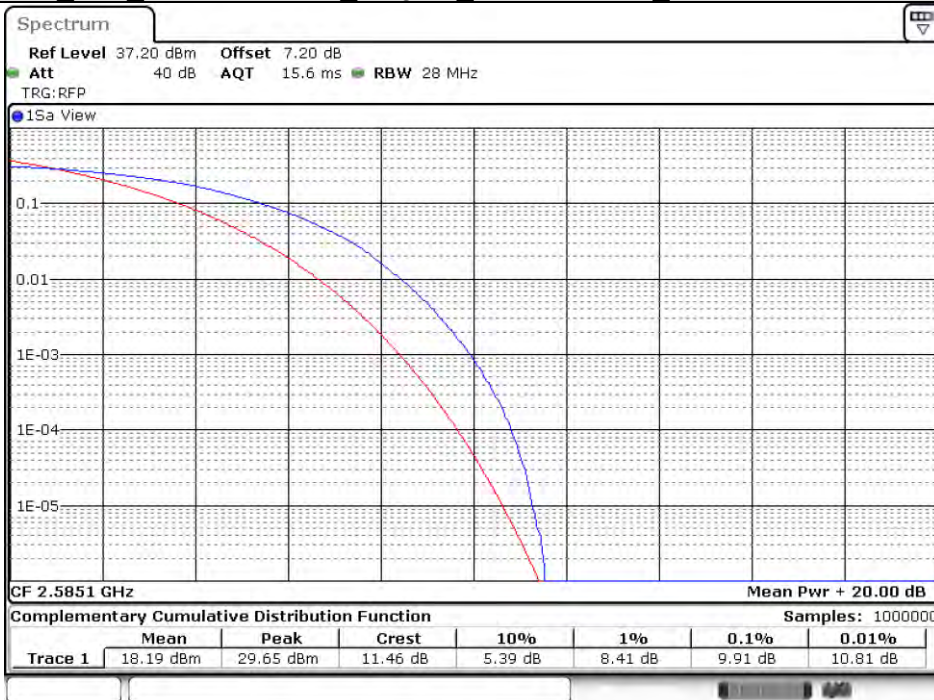


CA 38C 100RB+100RB 16QAM 37952+38150 100RB#0+100RB#0



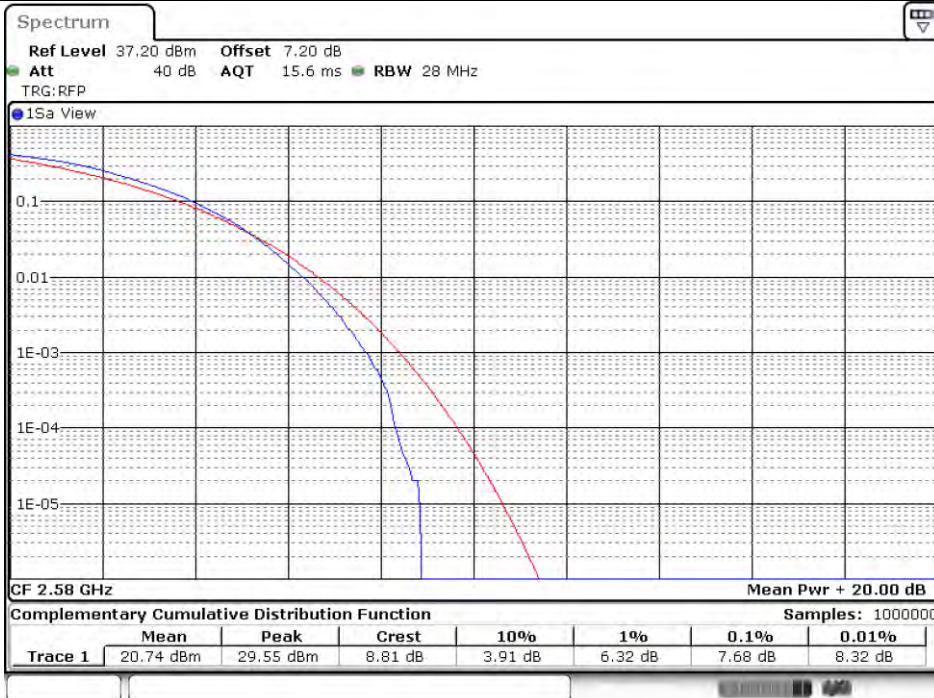
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CA 38C 100RB+100RB 64QAM 37850+38048 100RB#0+100RB#0



Date: 22.FEB.2021 15:10:58

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



Date: 22.FEB.2021 15:10:46

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



Date: 22.FEB.2021 15:11:09



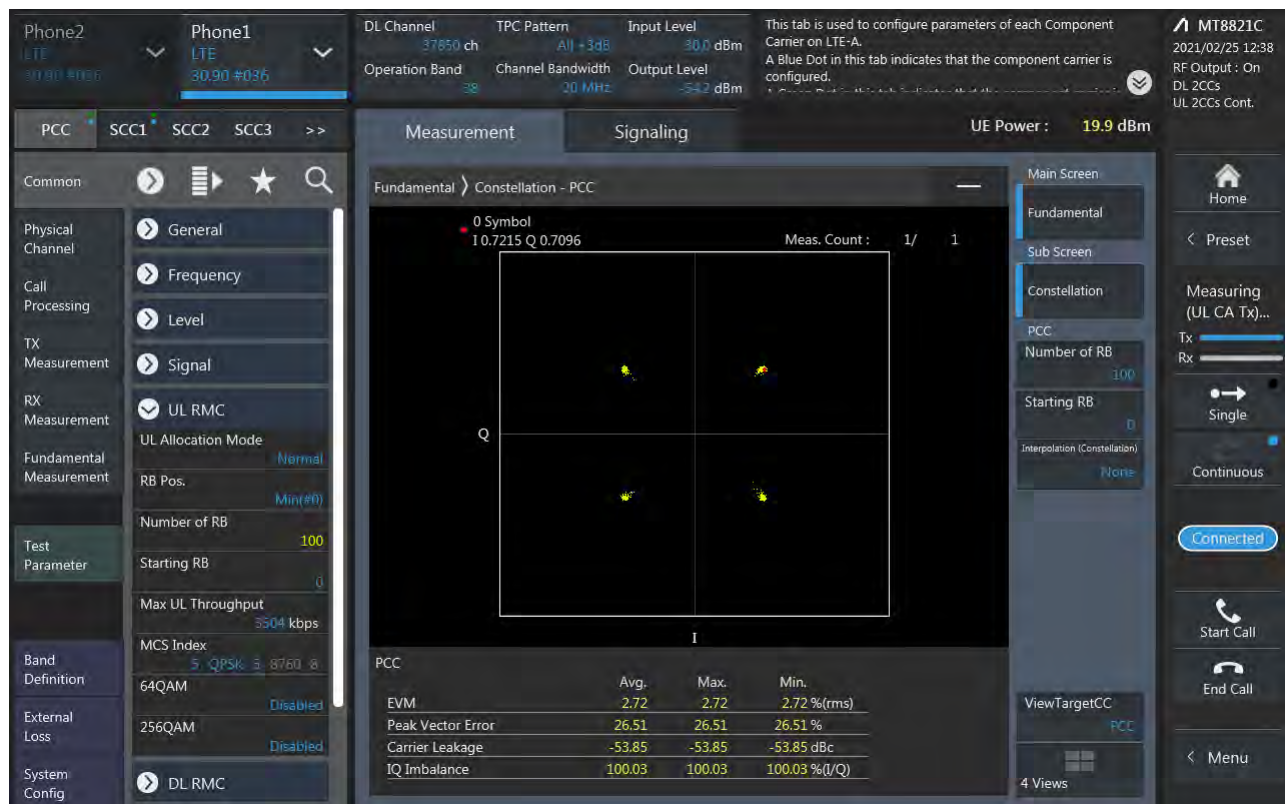
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_38C

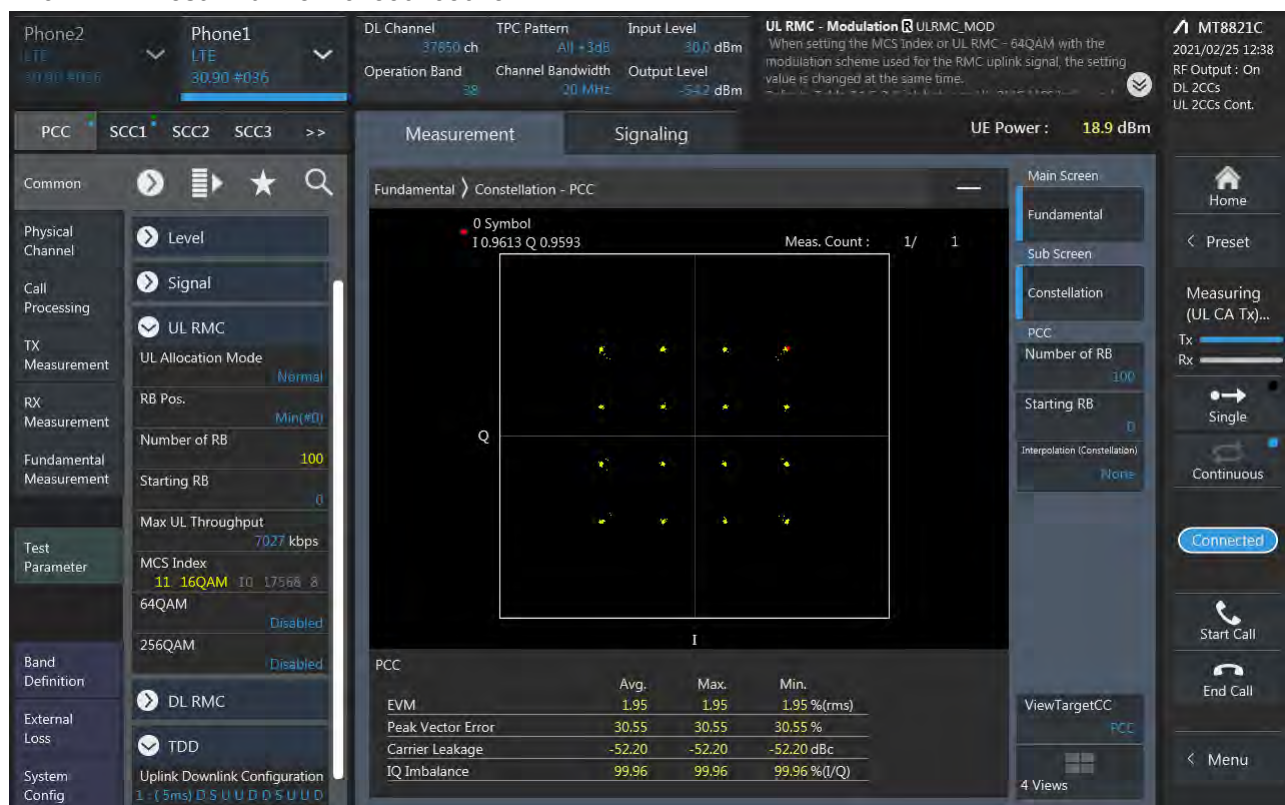
3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

3.1.1.1.1 Test Channel = 37850+38048

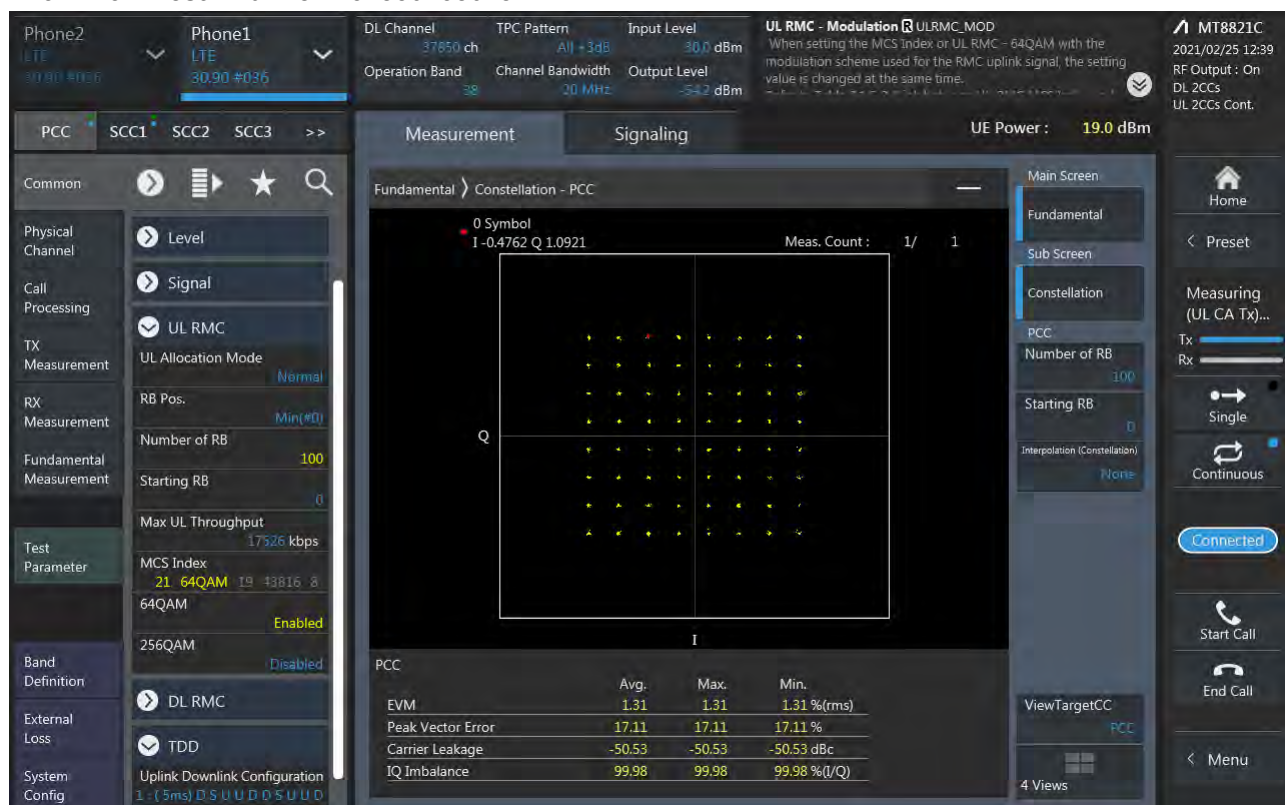




3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB
3.1.1.2.1 Test Channel =37850+38048



3.1.1.3.1 Test Channel = 37850+38048



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4 26dB Bandwidth and Occupied Bandwidth

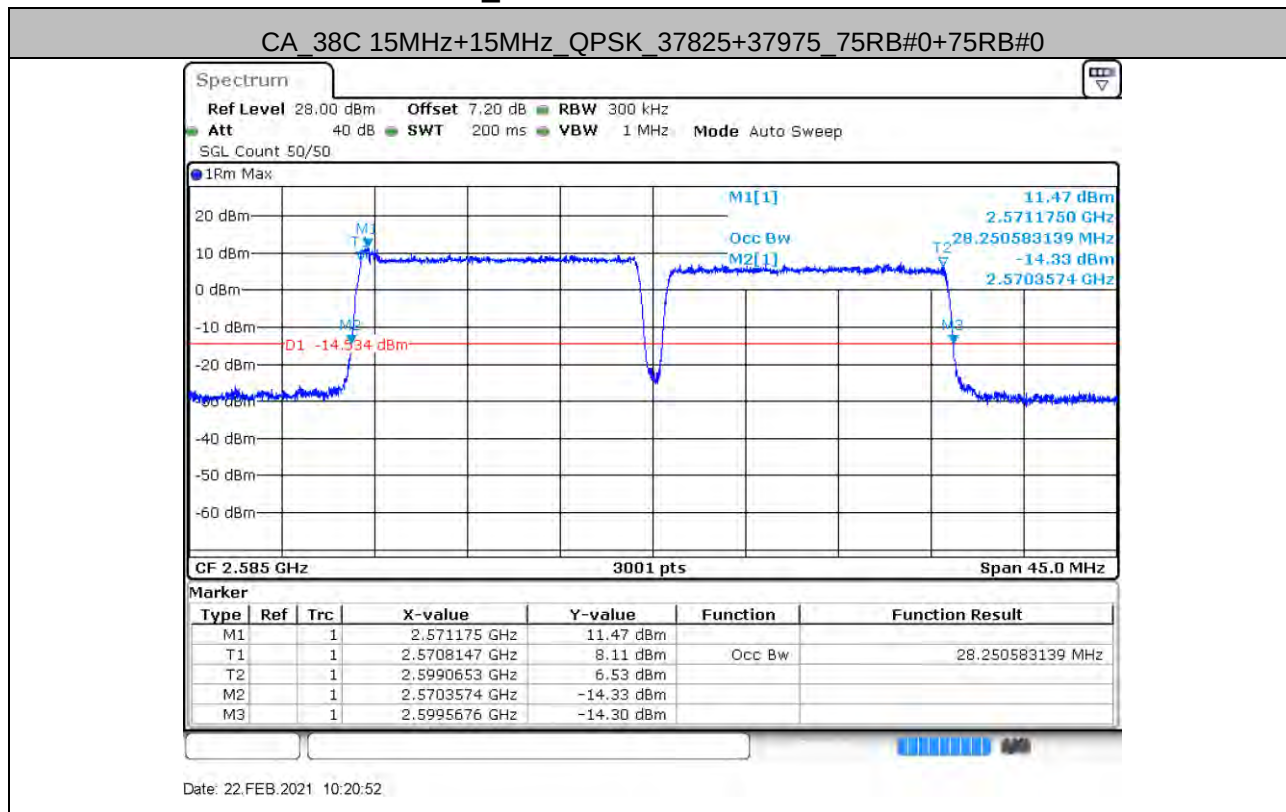
Test Band	Modulation PCC&SCC	Test Mode PCC/SCC	Test Channel PCC/SCC	PCC RB	SCC RB	OBW [MHz]	EBW [MHz]	Verdict
CA_38C	QPSK	75RB+75RB	37825+37975	75RB#0	75RB#0	28.25	29.21	PASS
CA_38C	16QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.25	29.21	PASS
CA_38C	64QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.24	29.23	PASS
CA_38C	QPSK	75RB+75RB	37925+38075	75RB#0	75RB#0	28.31	29.18	PASS
CA_38C	16QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.27	29.24	PASS
CA_38C	64QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.27	29.26	PASS
CA_38C	QPSK	75RB+75RB	38025+38175	75RB#0	75RB#0	28.30	29.16	PASS
CA_38C	16QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.27	29.23	PASS
CA_38C	64QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.25	29.26	PASS
CA_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	37.49	38.99	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.53	38.93	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.51	38.95	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	37.57	38.99	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.53	38.95	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.51	38.91	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	37.55	39.01	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.51	38.93	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.51	38.95	PASS



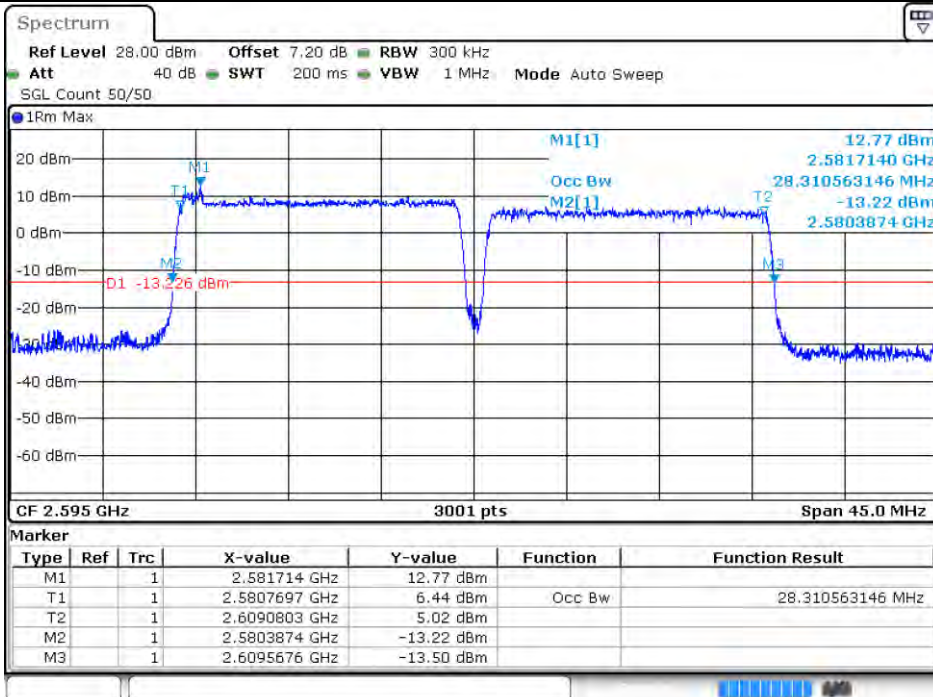


4.1 For LTE

4.1.1 Test Band = LTE Band CA_38C

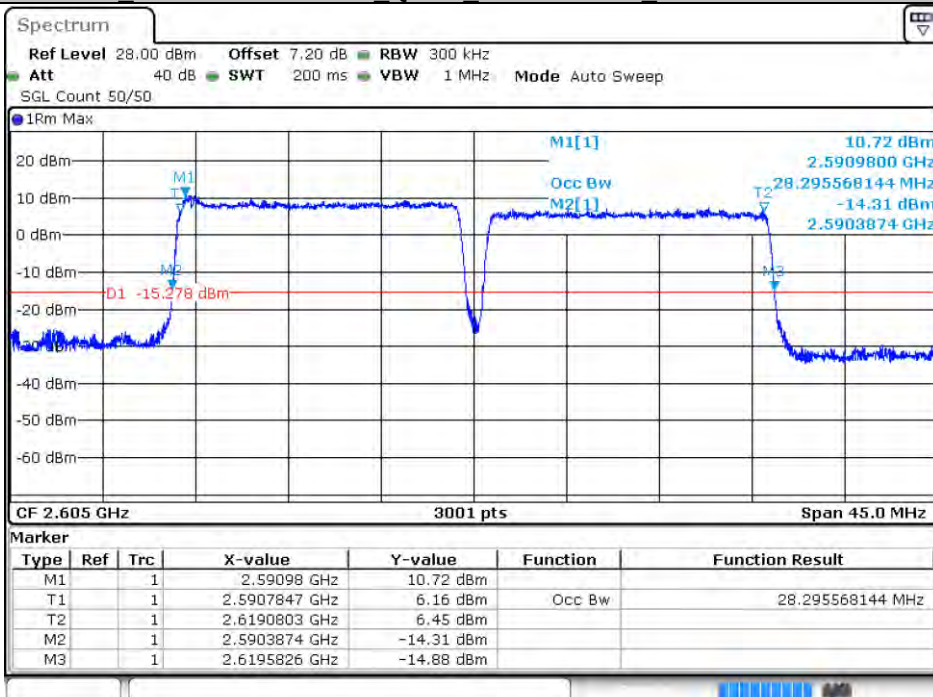


CA 38C 15MHz+15MHz QPSK 37925+38075 75RB#0+75RB#0



Date: 22.FEB.2021 10:21:54

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



Date: 22.FEB.2021 10:22:56

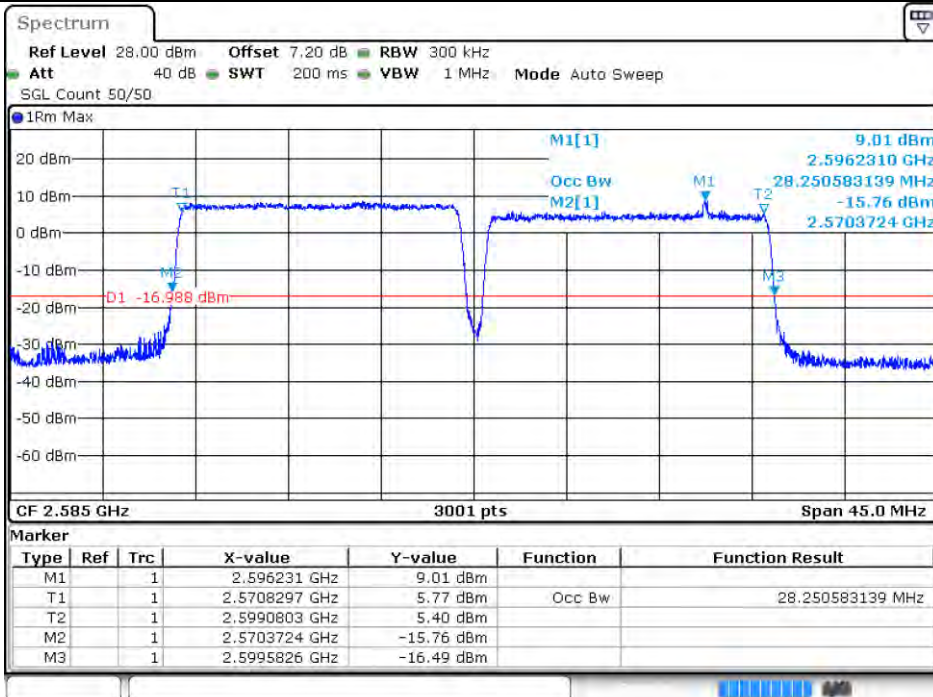


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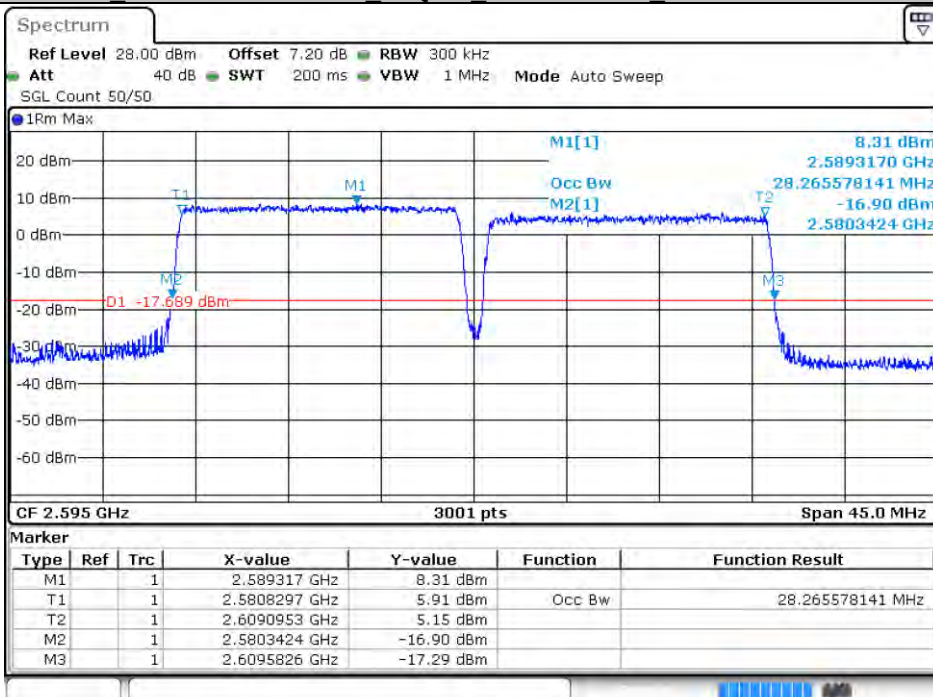
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CA 38C 15MHz+15MHz 16QAM 37825+37975 75RB#0+75RB#0



Date: 22.FEB.2021 10:21:08

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



Date: 22.FEB.2021 10:22:10

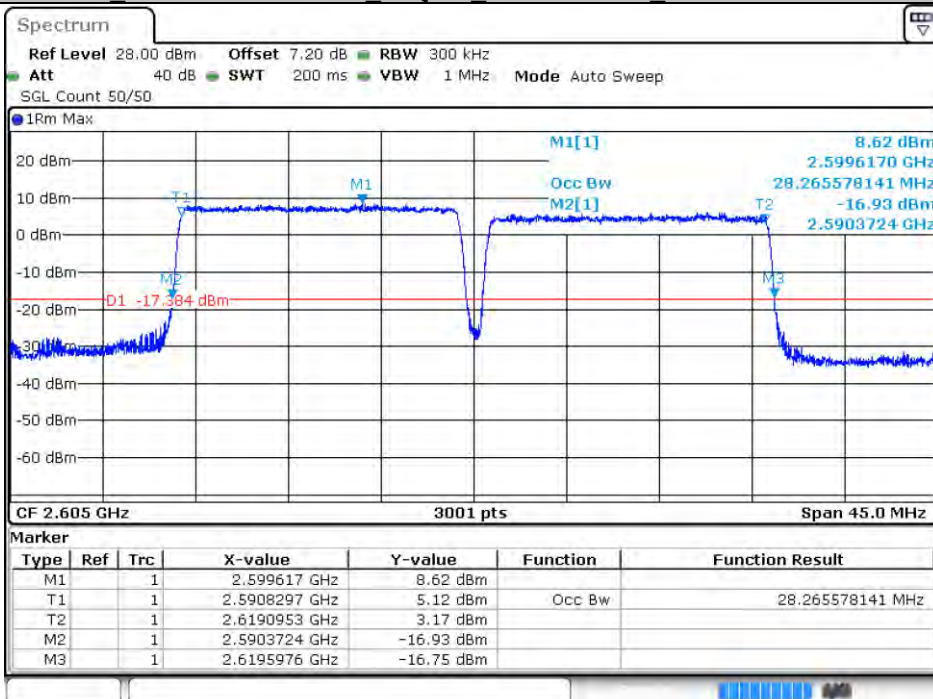


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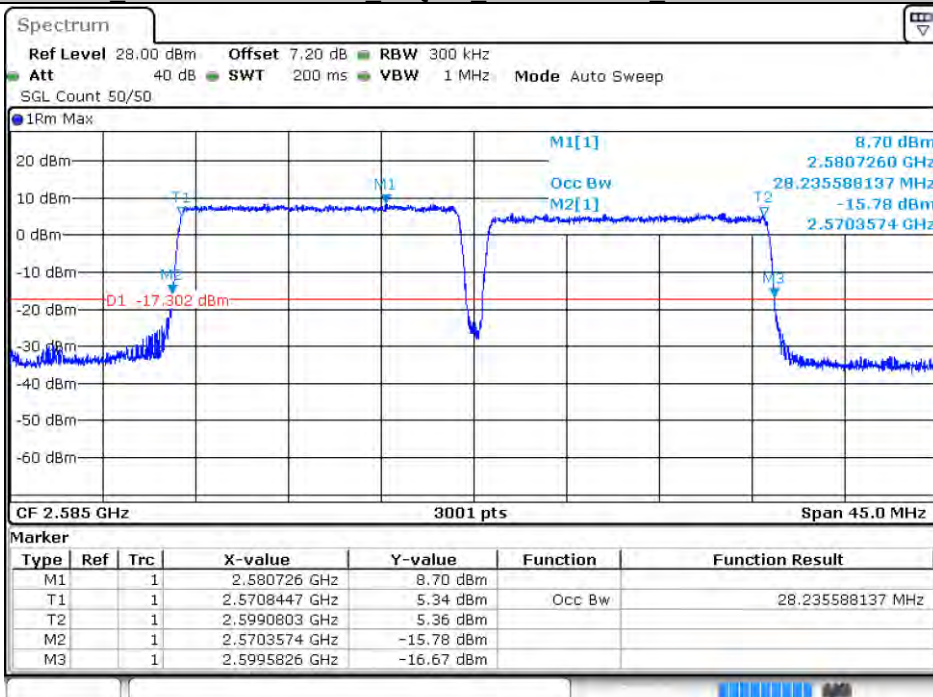
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CA 38C 15MHz+15MHz 16QAM 38025+38175 75RB#0+75RB#0



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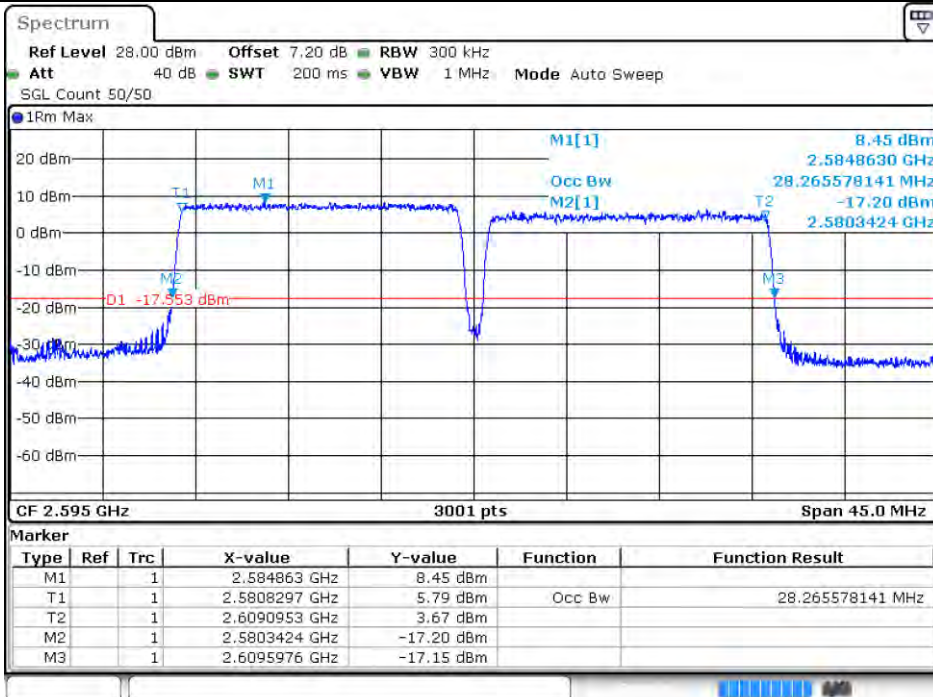
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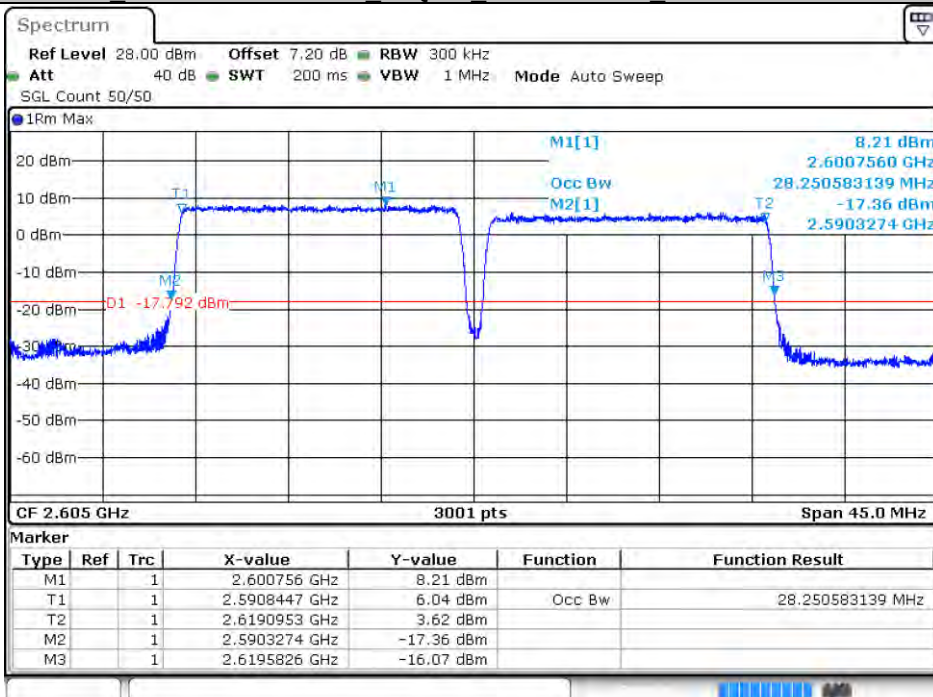


CA 38C 15MHz+15MHz 64QAM 37925+38075 75RB#0+75RB#0



Date: 22.FEB.2021 10:22:26

CA 38C 15MHz+15MHz 64QAM 38025+38175 75RB#0+75RB#0



Date: 22.FEB.2021 10:23:28



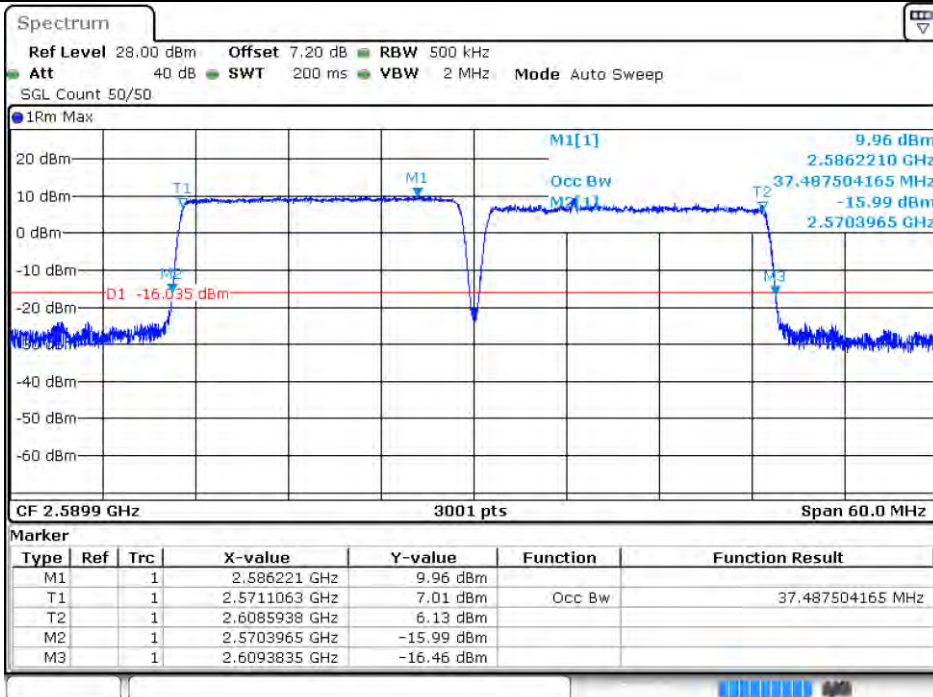
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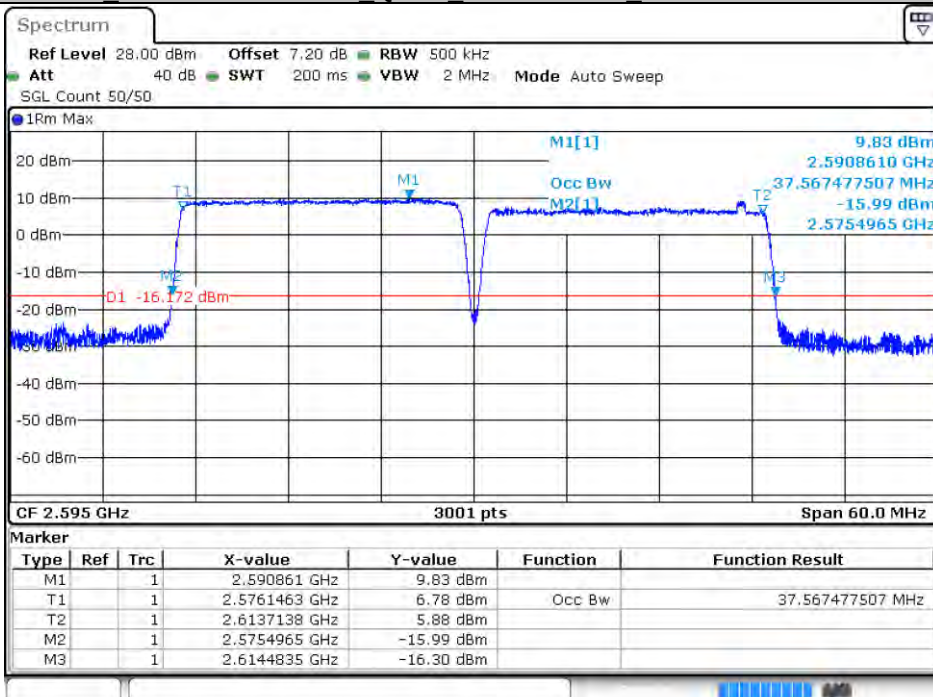
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CA 38C 20MHz+20MHz QPSK 37850+38048 100RB#0+100RB#0



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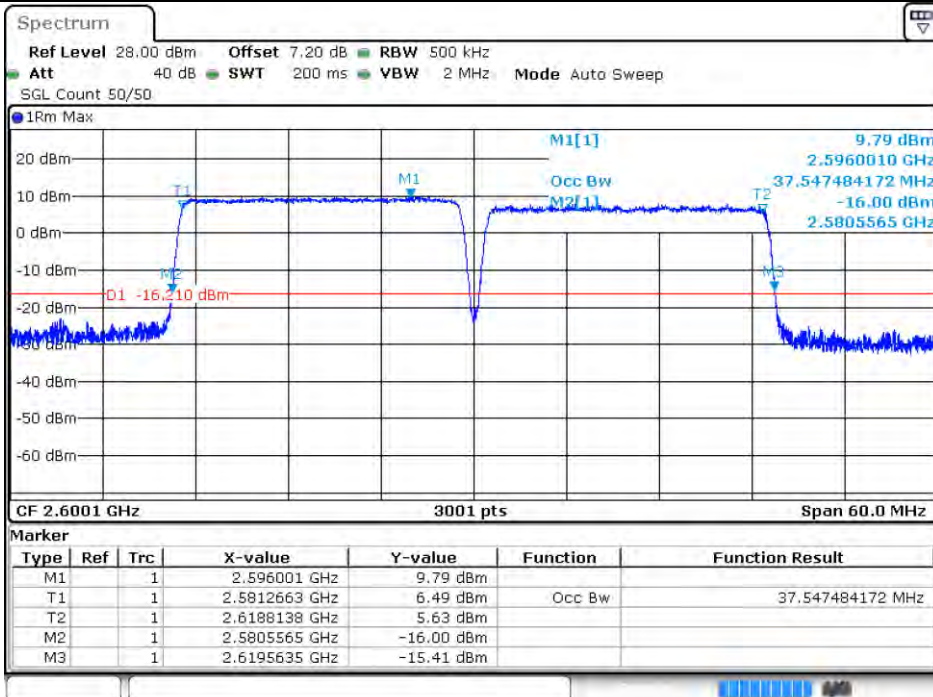
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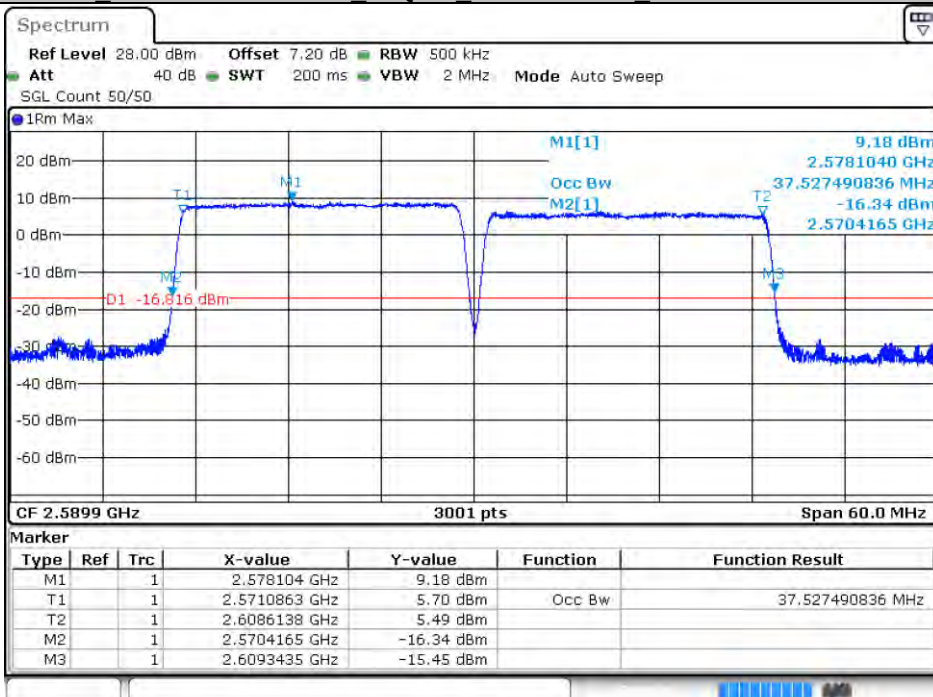


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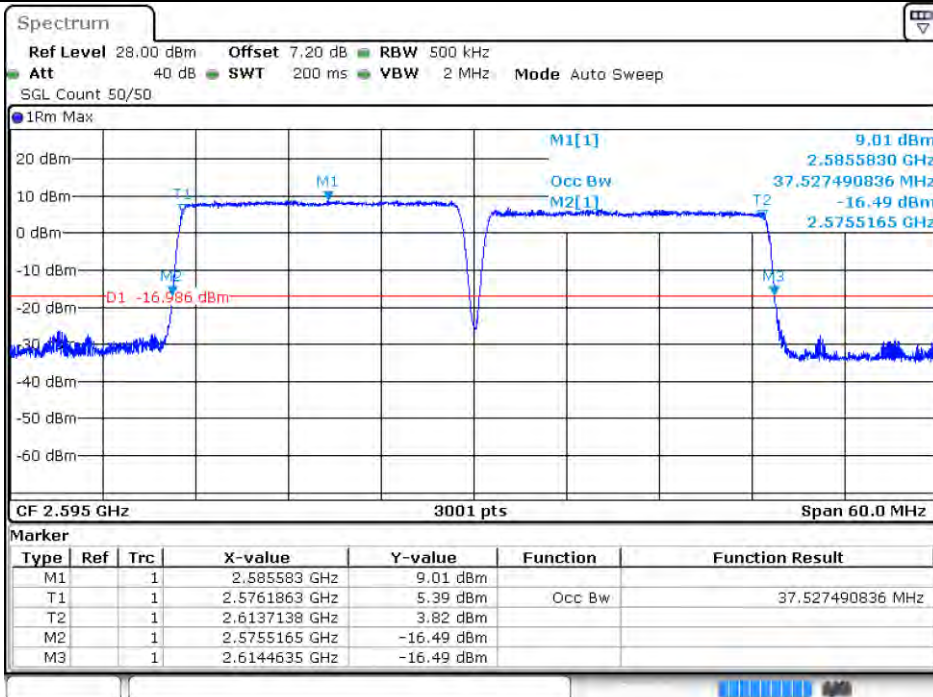
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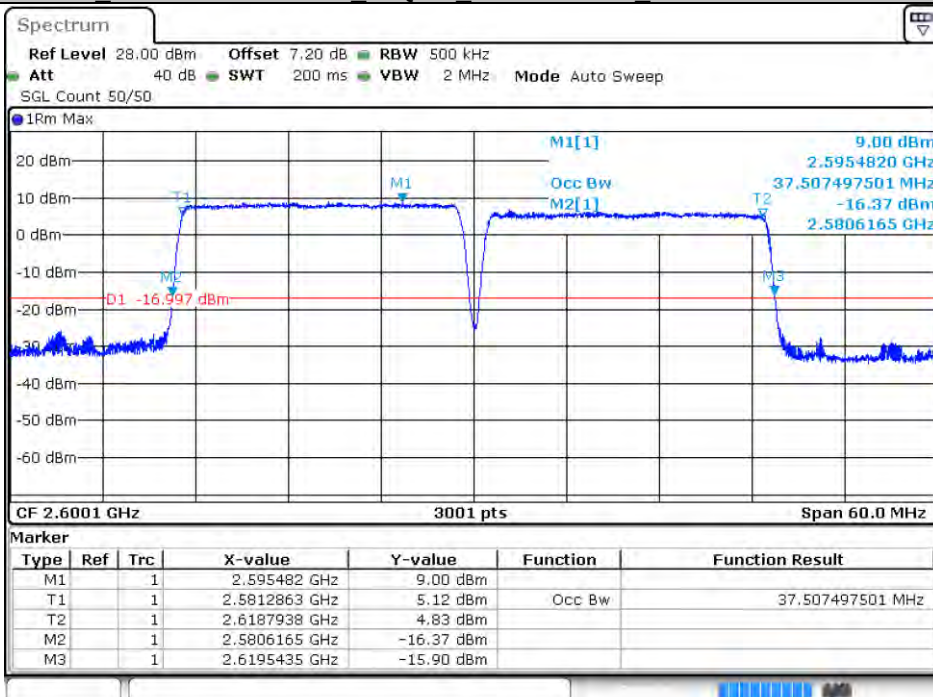


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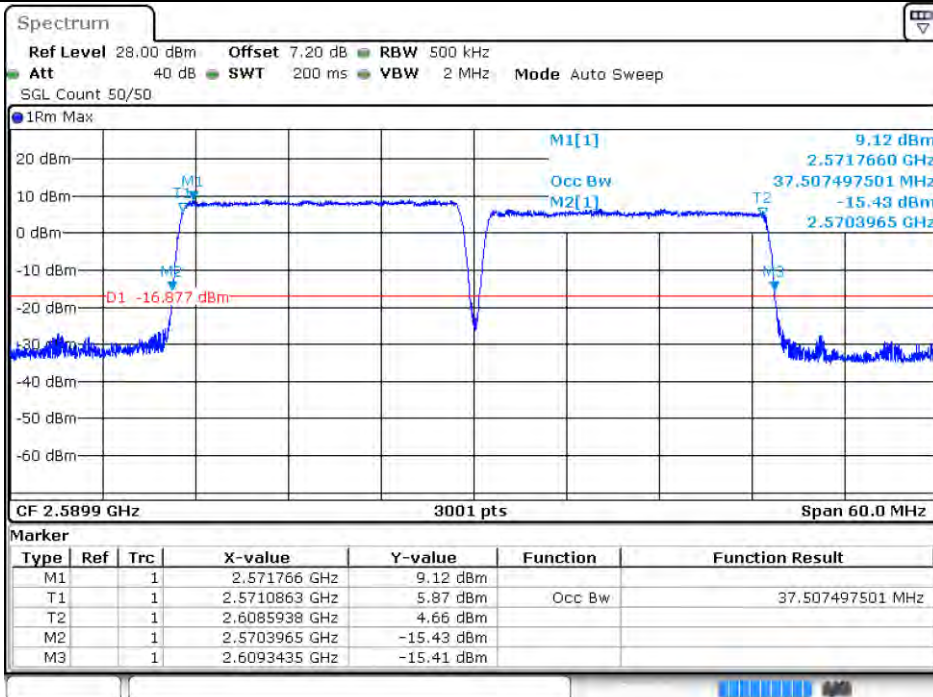
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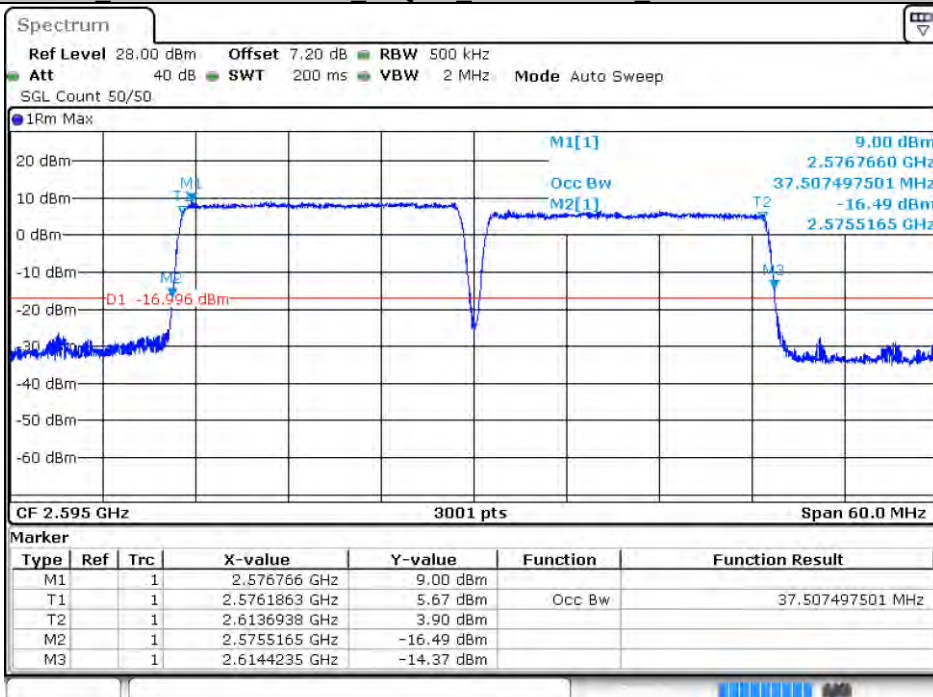


CA 38C 20MHz+20MHz 64QAM 37850+38048 100RB#0+100RB#0



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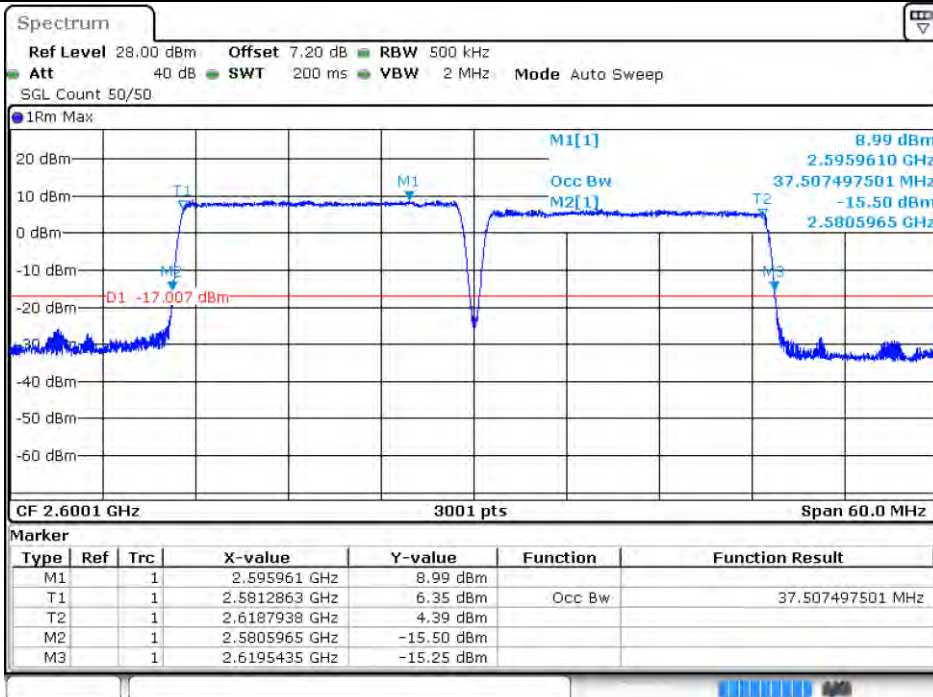


Date: 22.FEB.2021 10:25:44





CA_38C 20MHz+20MHz_64QAM_37952+38150_100RB#0+100RB#0



Date: 22.FEB.2021 10:26:45



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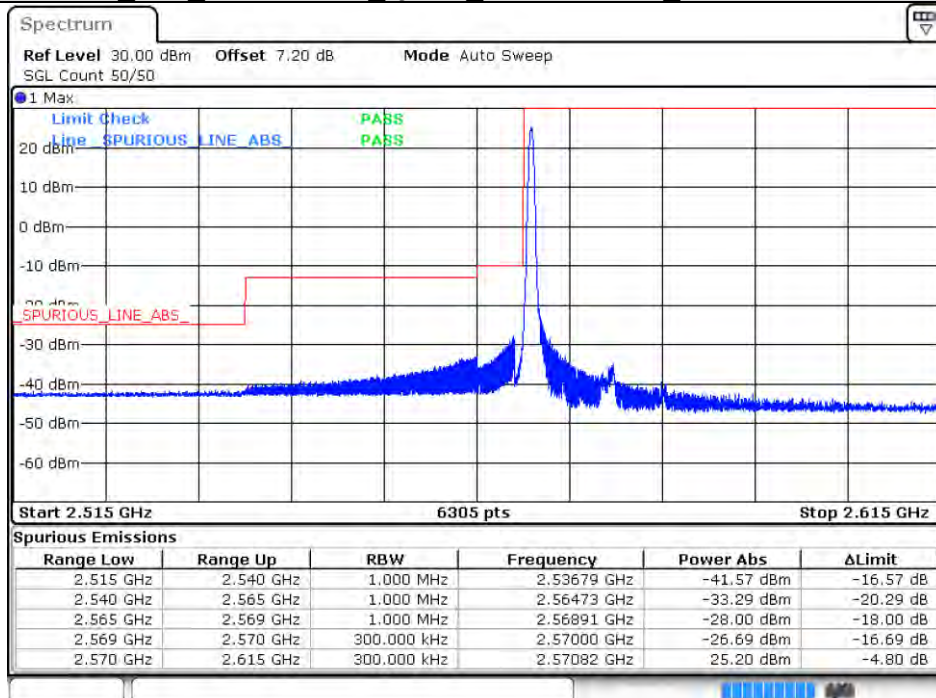


5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_38C

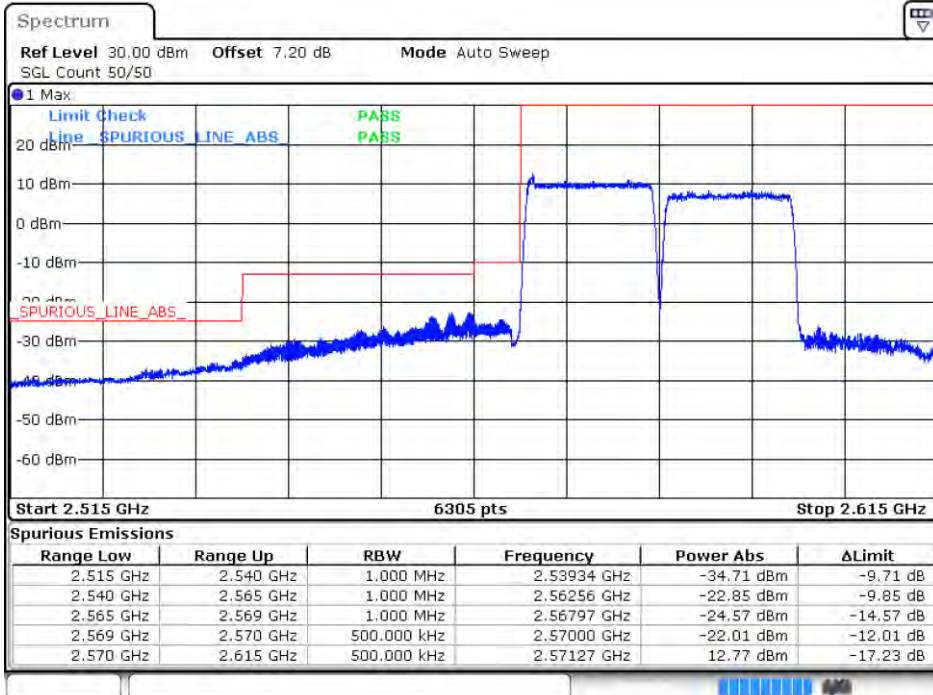
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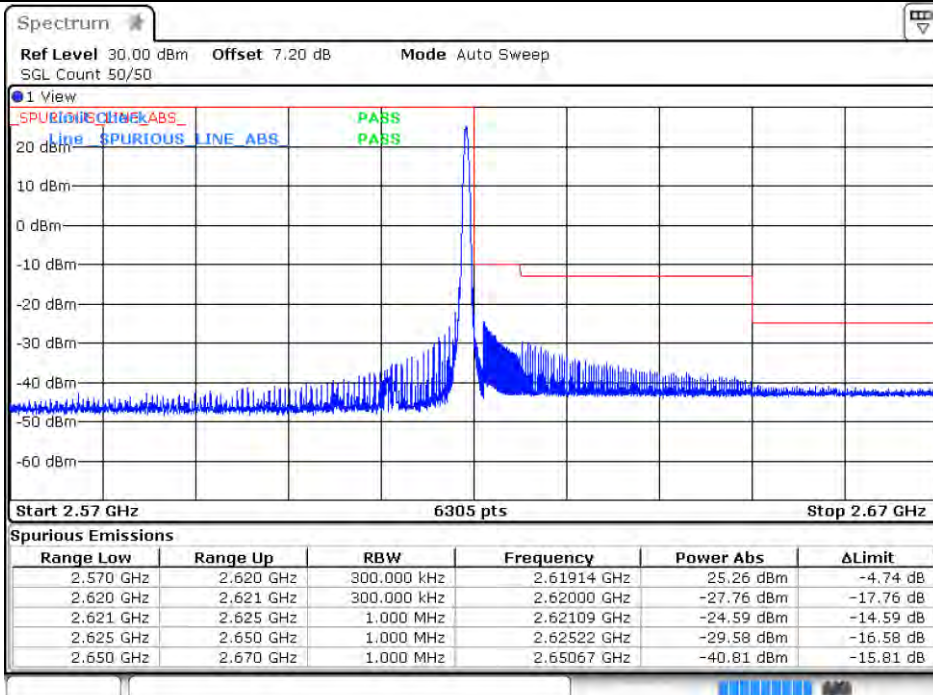


CA 38C 75RB+75RB QPSK 37825+37975 75RB#0+75RB#0



Date: 22.FEB.2021 10:28:53

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



Date: 22.FEB.2021 14:33:04



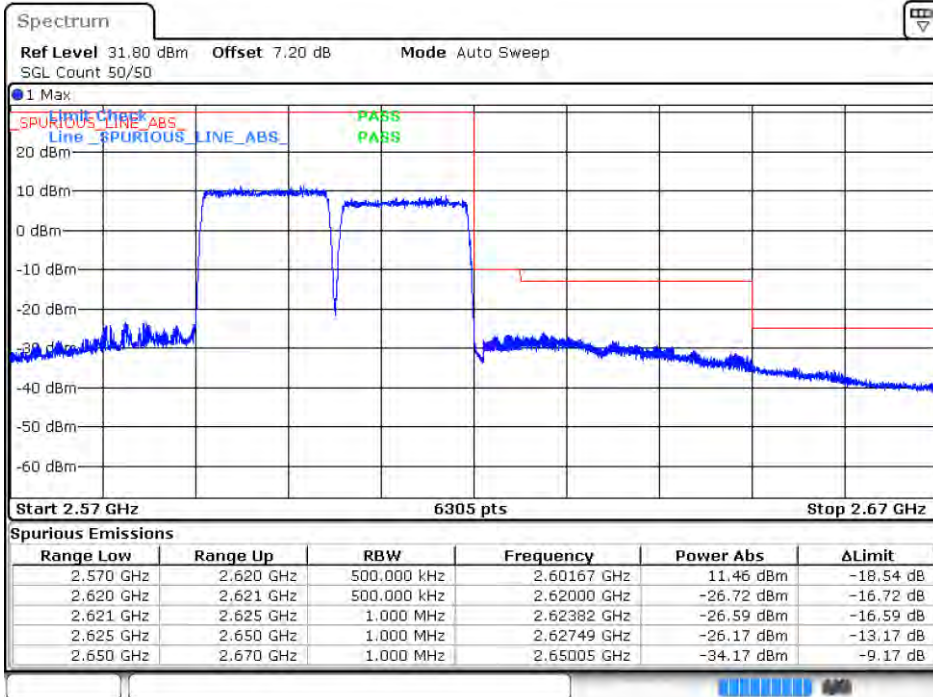
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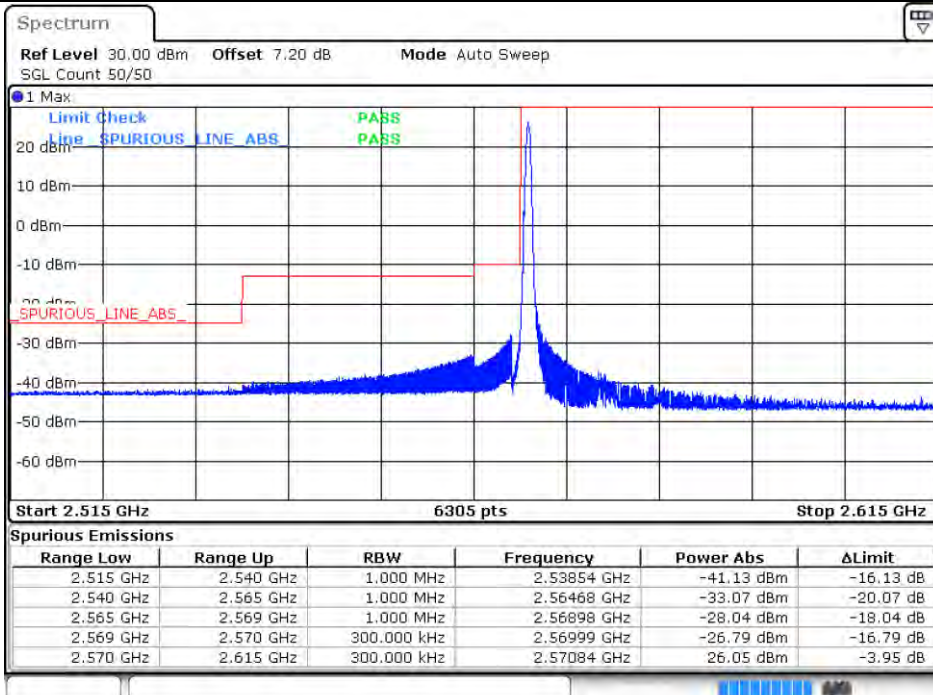
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CA 38C 75RB+75RB QPSK 38025+38175 75RB#0+75RB#0



Date: 22.FEB.2021 10:31:26

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



Date: 22.FEB.2021 10:27:49



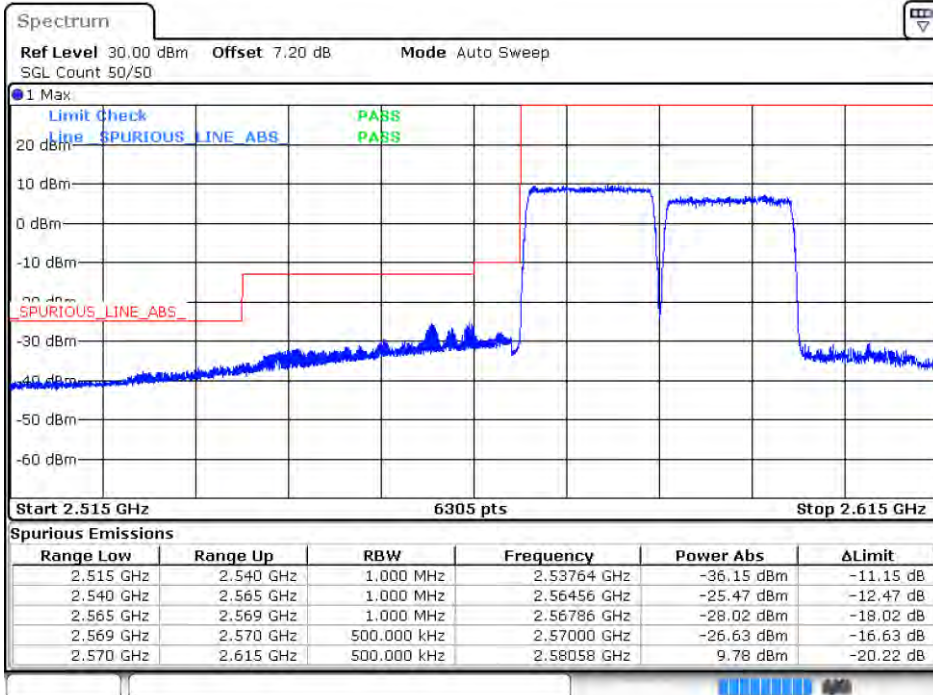
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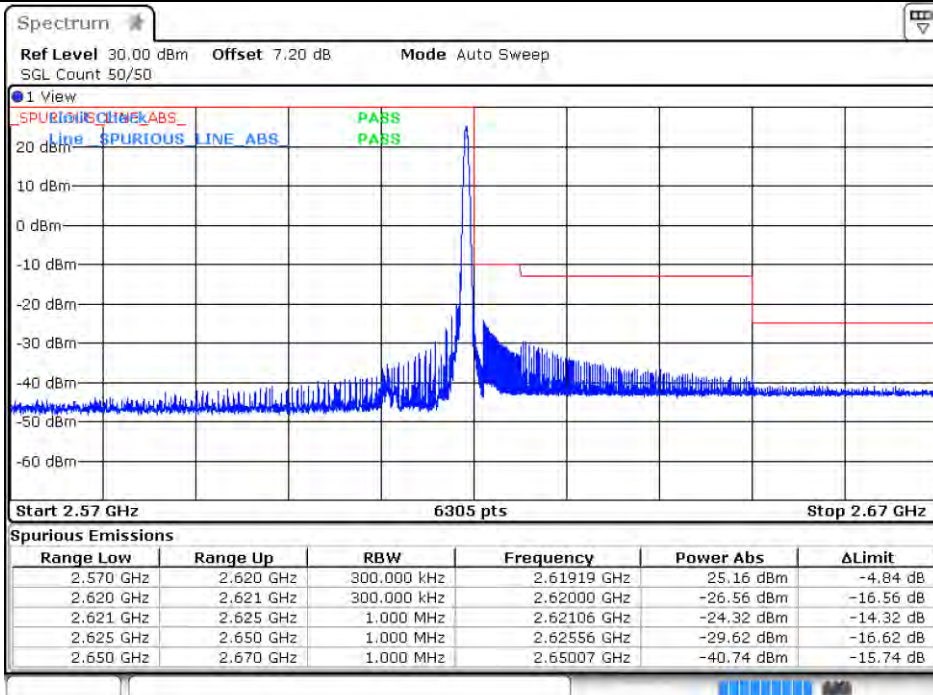
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CA_38C_75RB+75RB_16QAM_37825+37975_75RB#0+75RB#0



Date: 22.FEB.2021 10:29:22

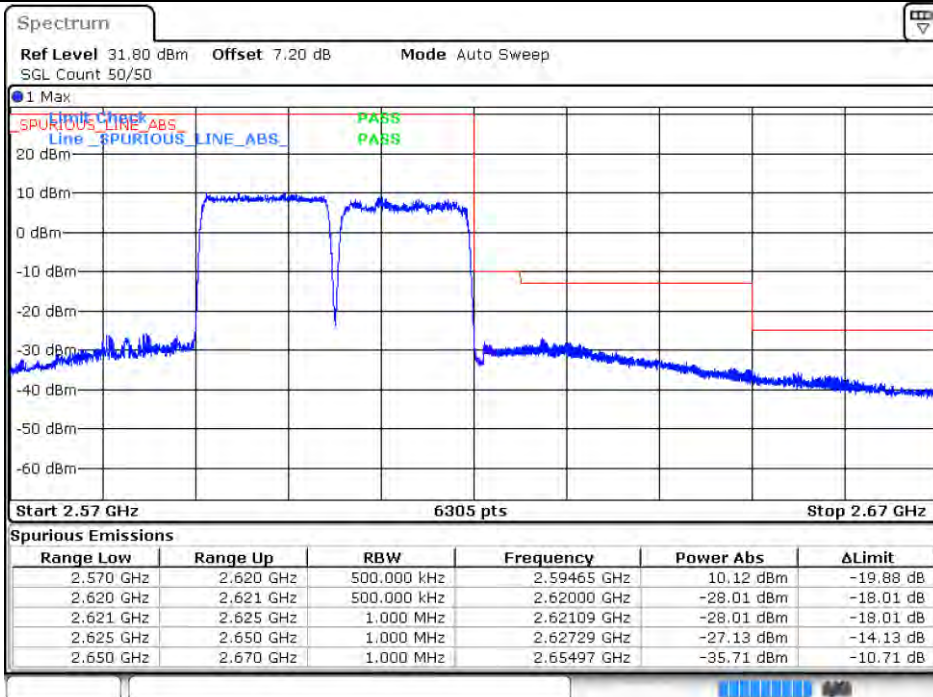
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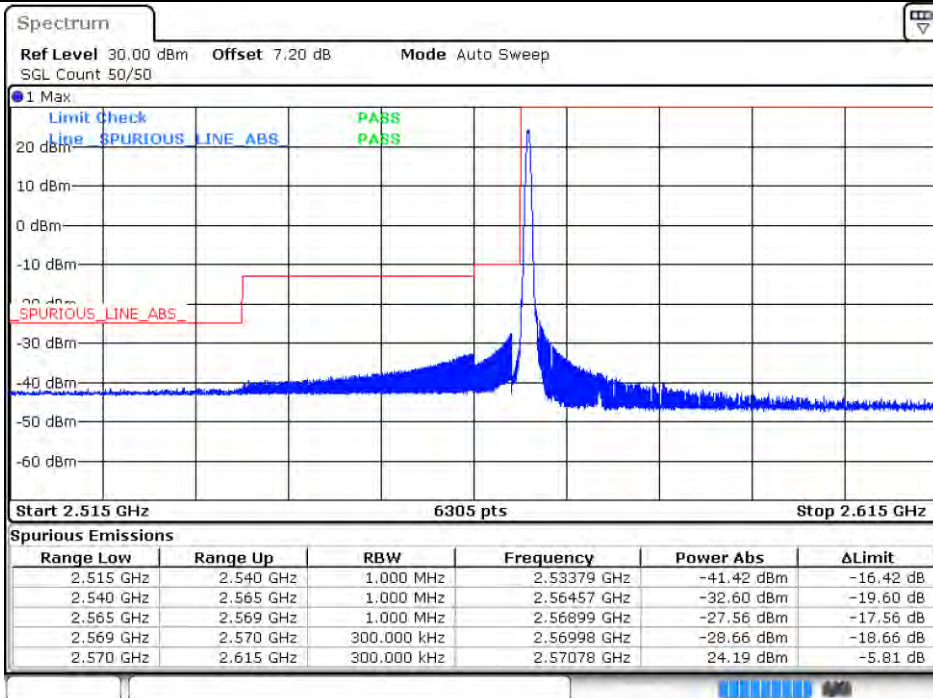


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Date: 22.FEB.2021 10:28:18



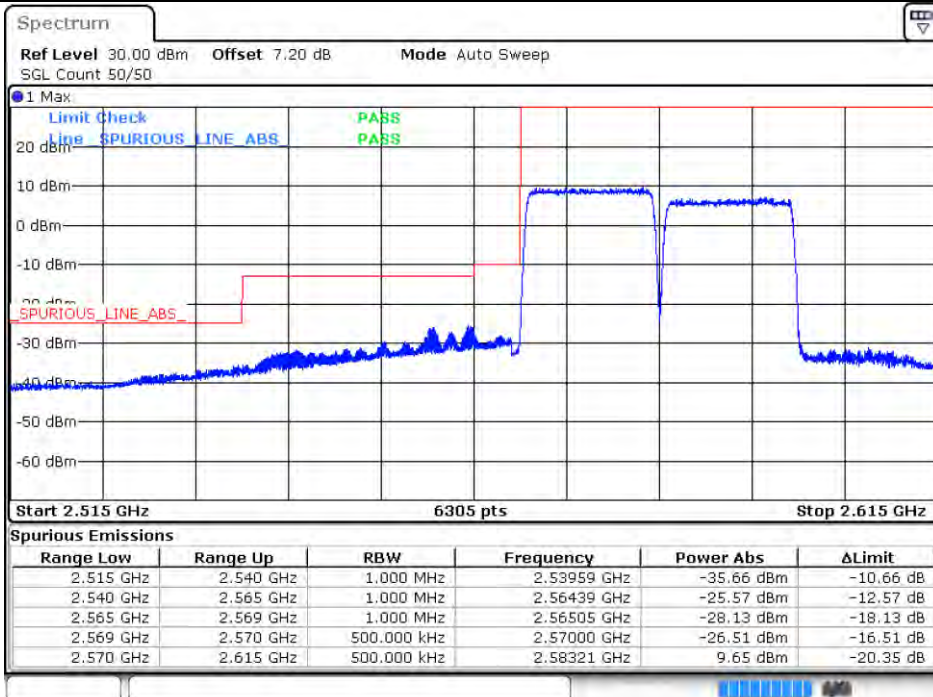
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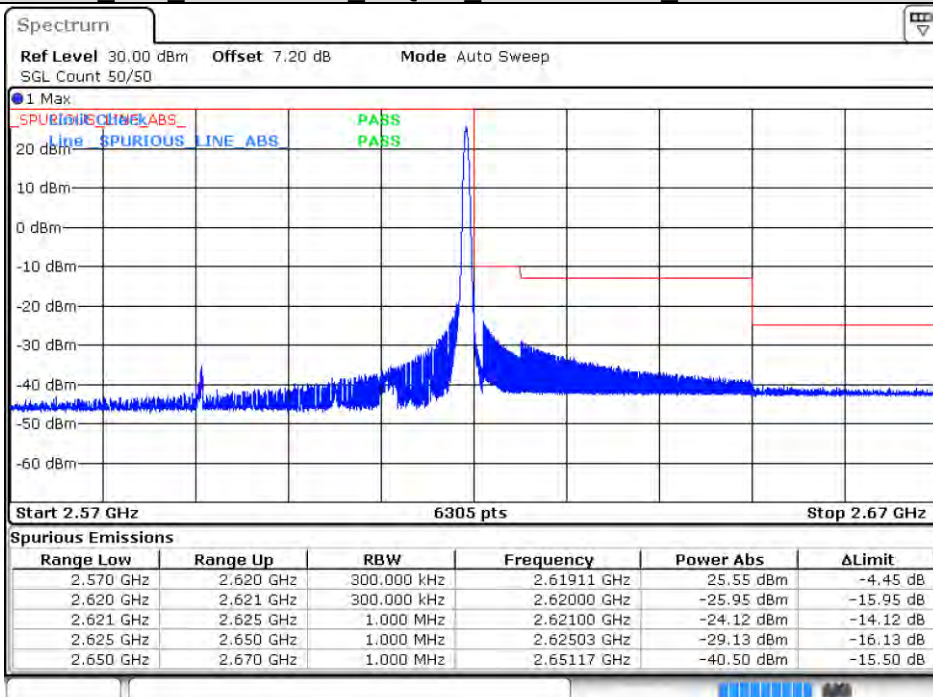
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CA 38C 75RB+75RB 64QAM 37825+37975 75RB#0+75RB#0



Date: 22.FEB.2021 10:29:50

CA 38C 75RB+75RB 64QAM 38025+38175 0RB#0+1RB#74



Date: 22.FEB.2021 14:34:16

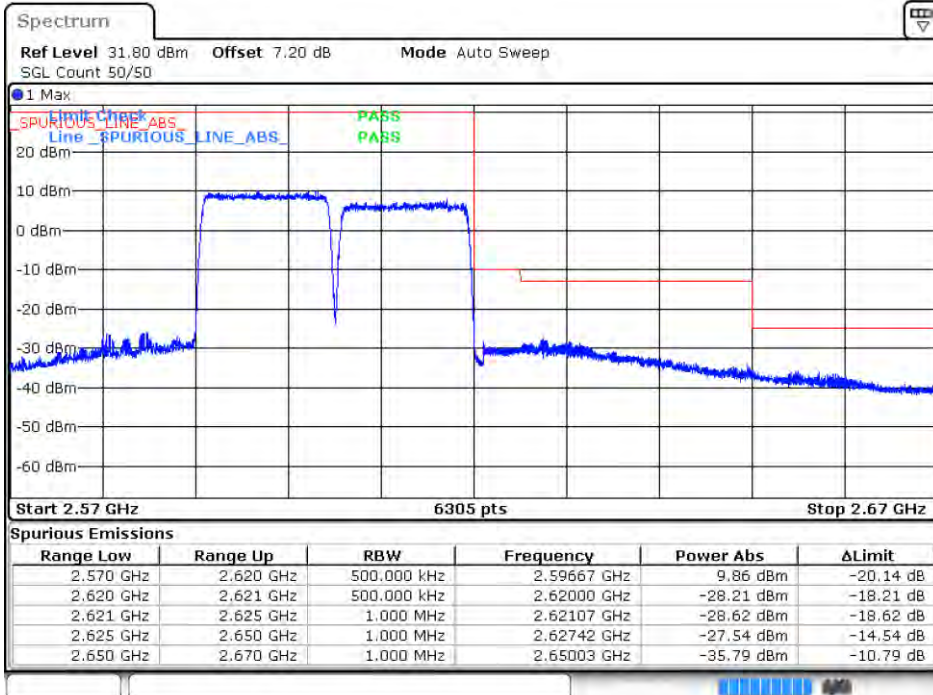


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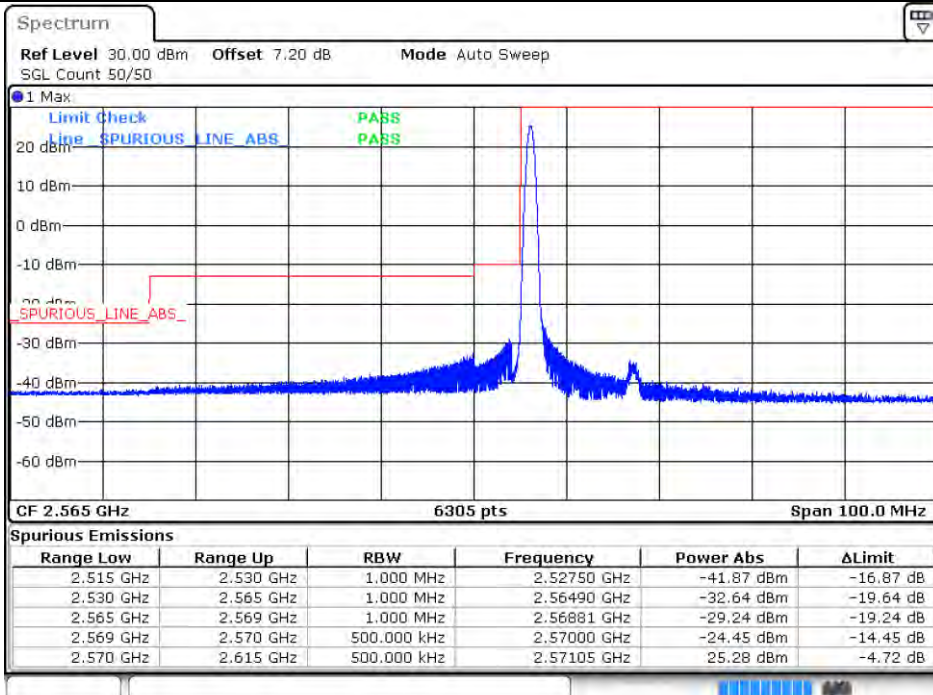
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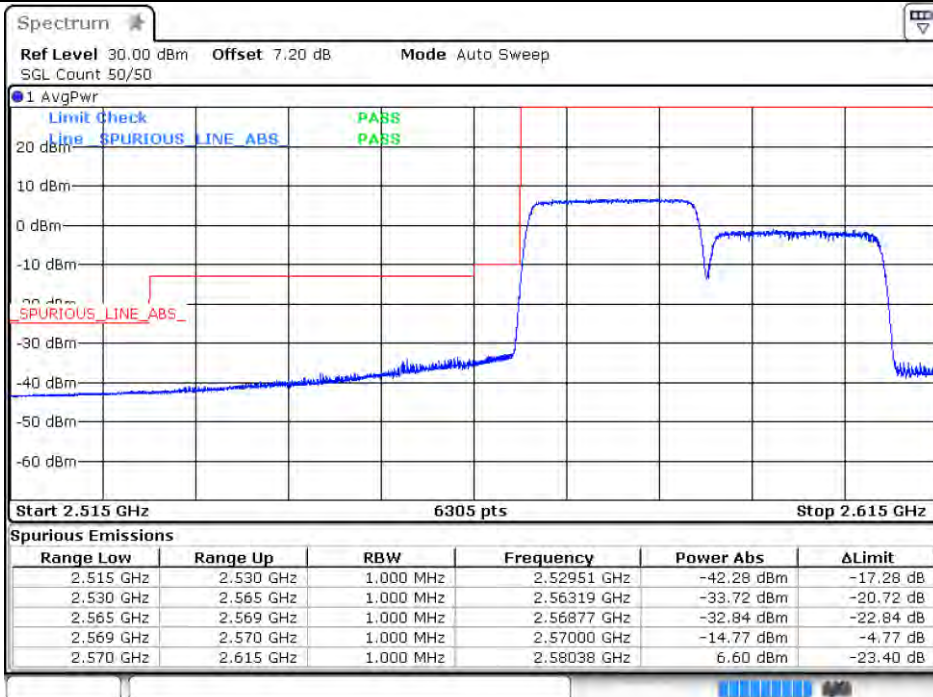
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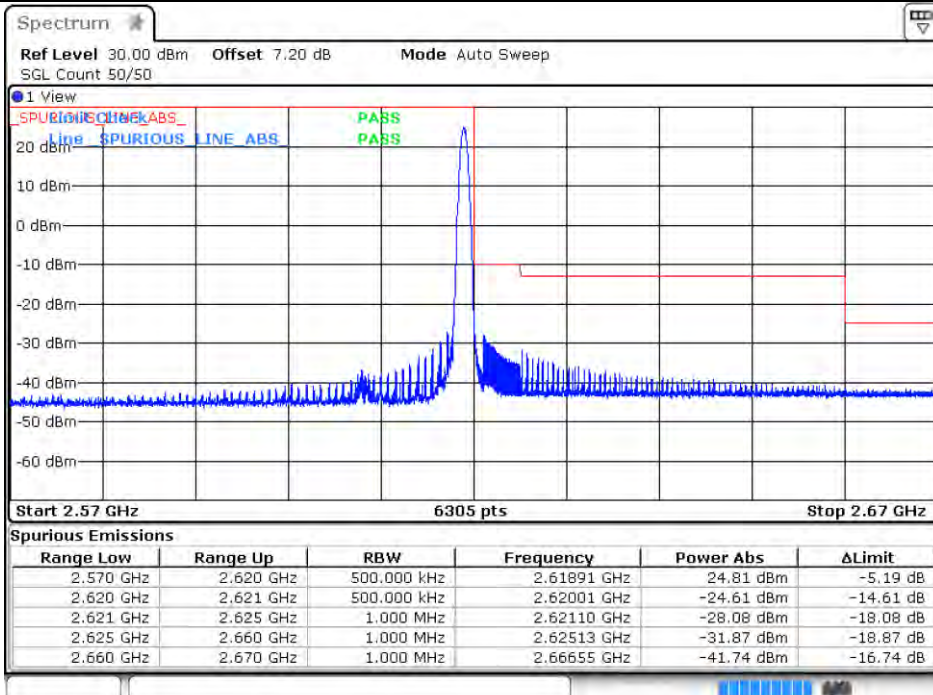


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Date: 11.MAR.2021 16:36:21

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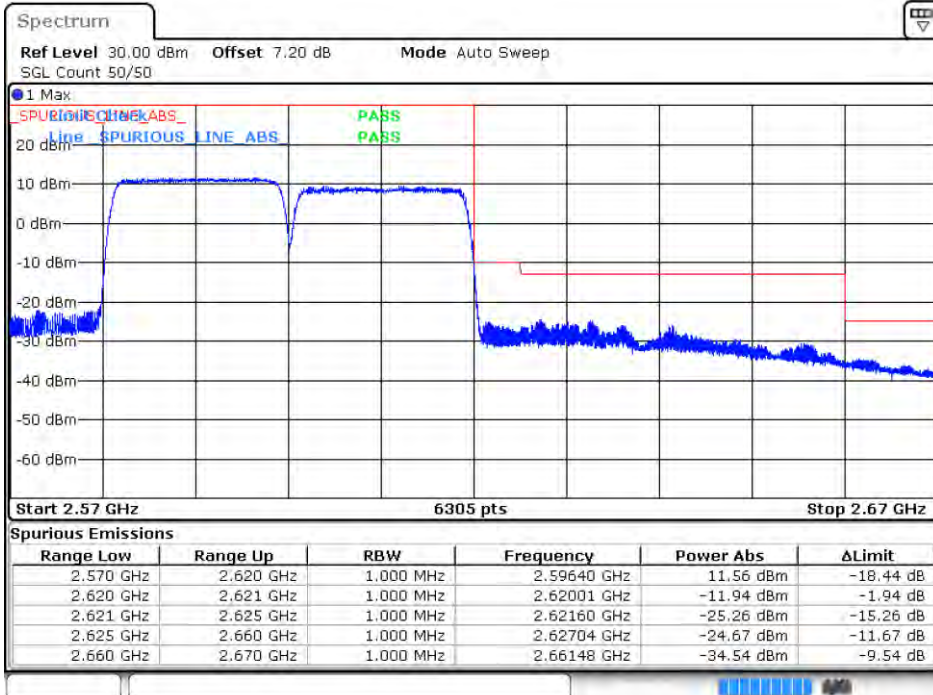


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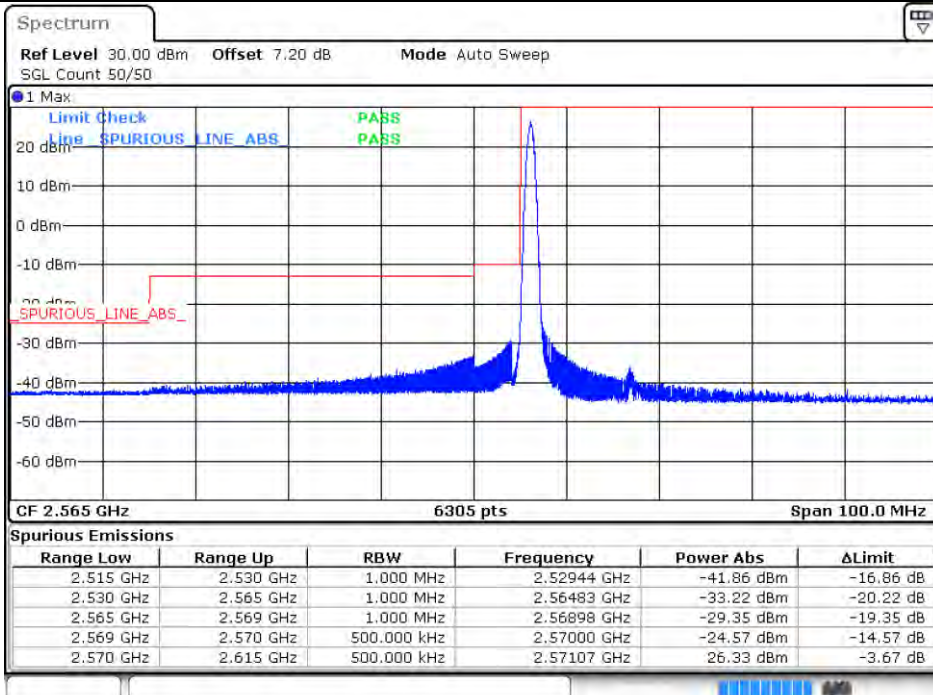
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CA 38C 100RB+100RB QPSK 37952+38150 100RB#0+100RB#0



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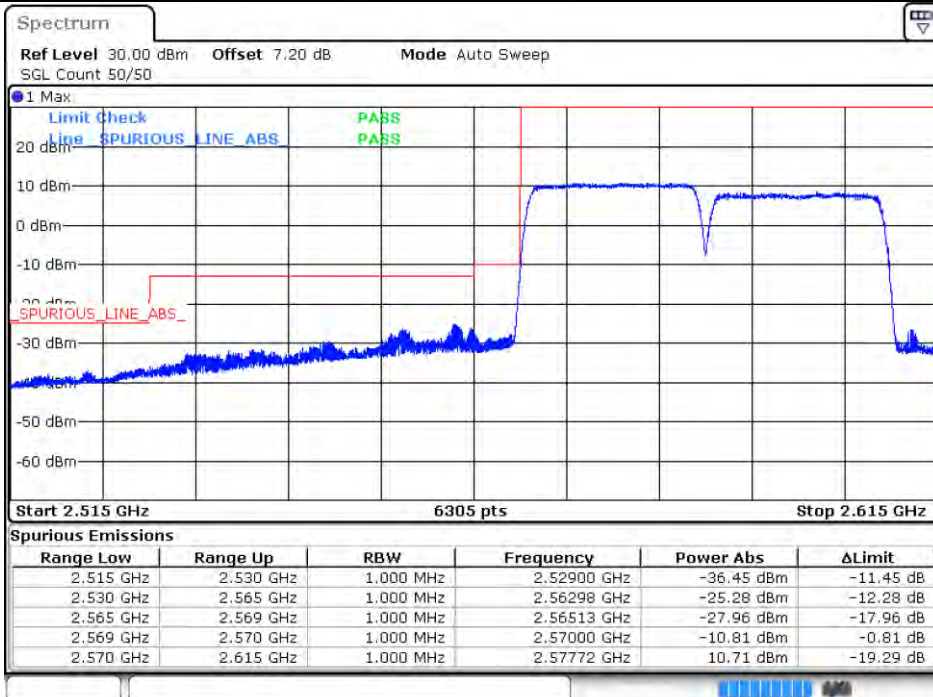
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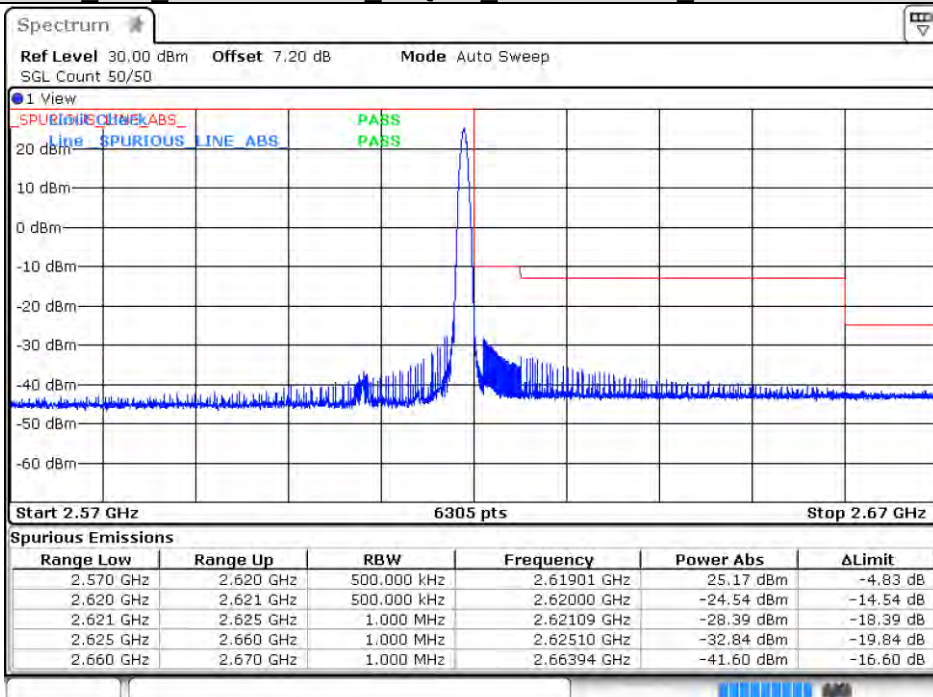


CA 38C 100RB+100RB 16QAM 37850+38048 100RB#0+100RB#0



Date: 22.FEB.2021 10:34:44

CA 38C 100RB+100RB 16QAM 37952+38150 0RB#0+1RB#99



Date: 22.FEB.2021 14:36:41

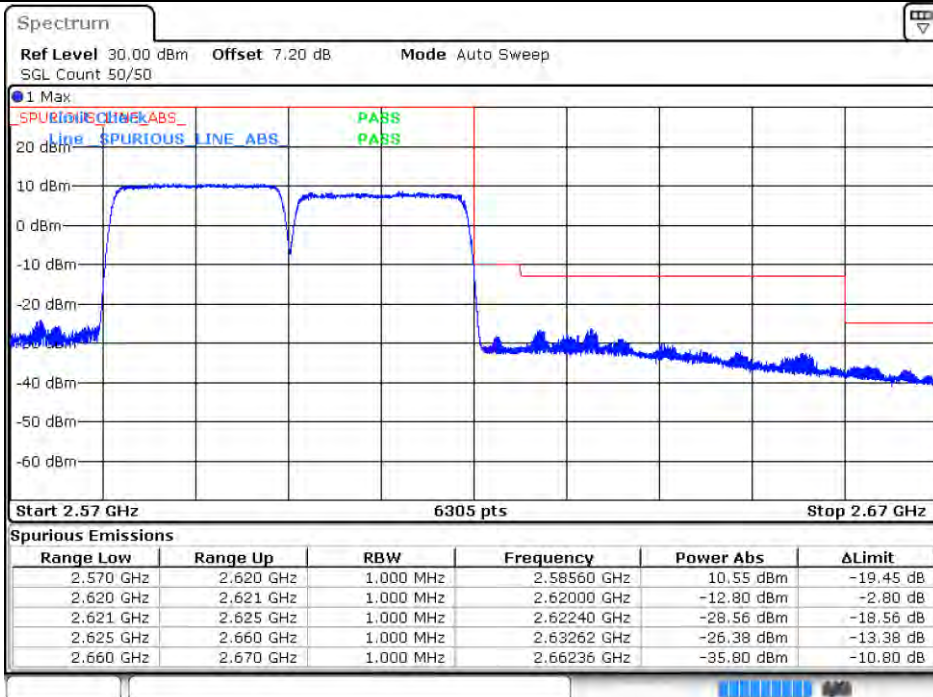


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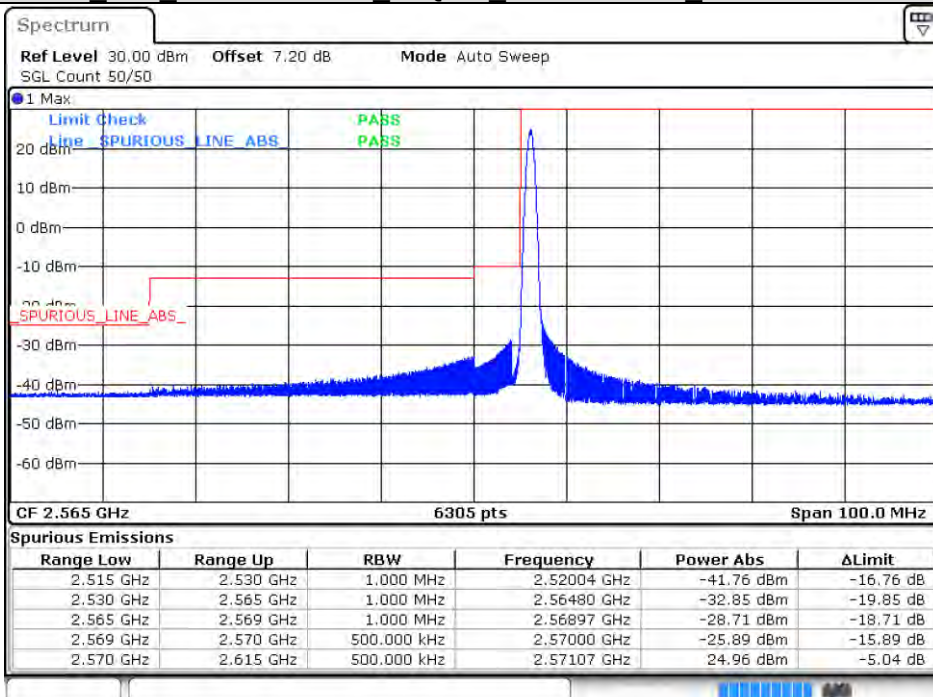
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CA 38C 100RB+100RB 16QAM 37952+38150 100RB#0+100RB#0



Date: 22.FEB.2021 10:38:11

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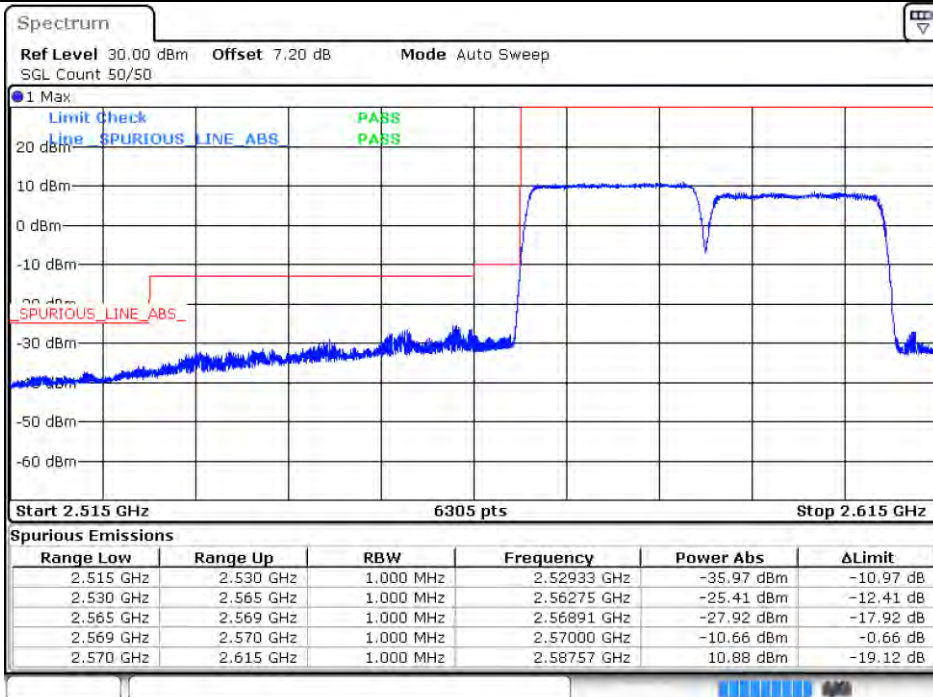
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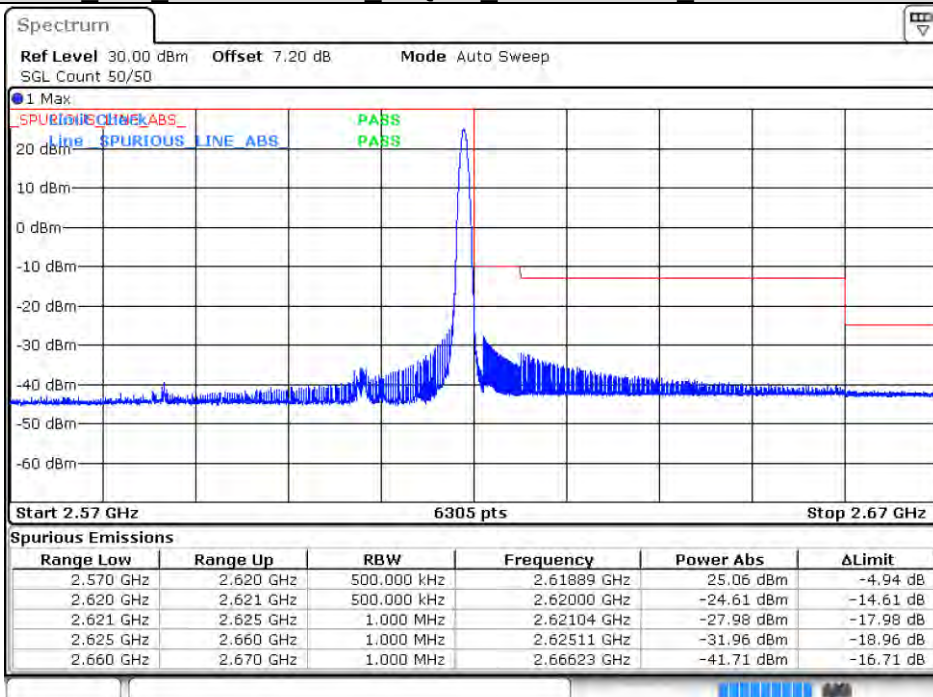
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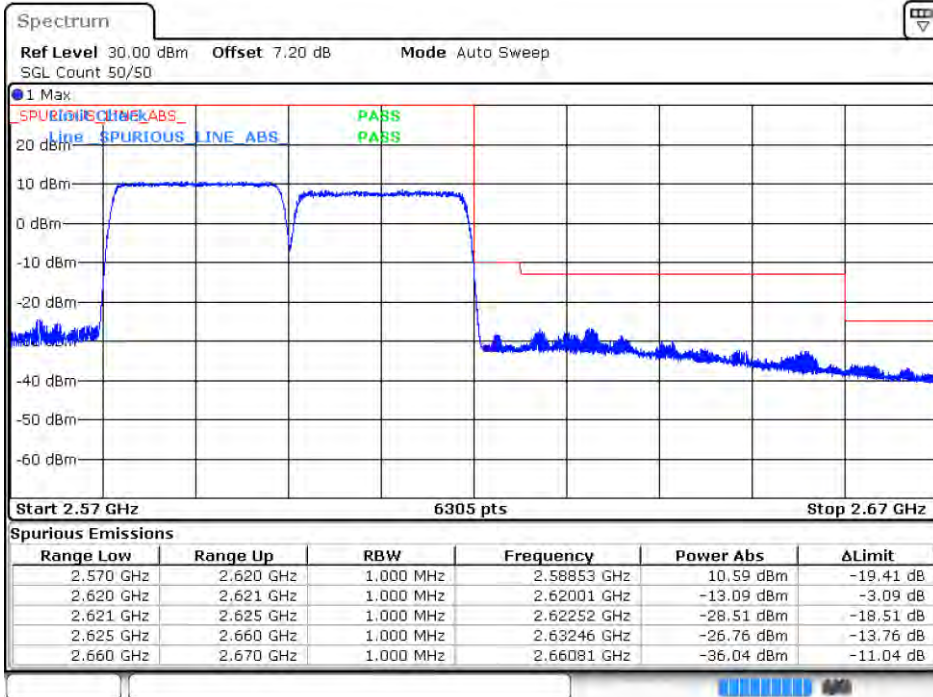
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Date: 22.FEB.2021 10:38:42



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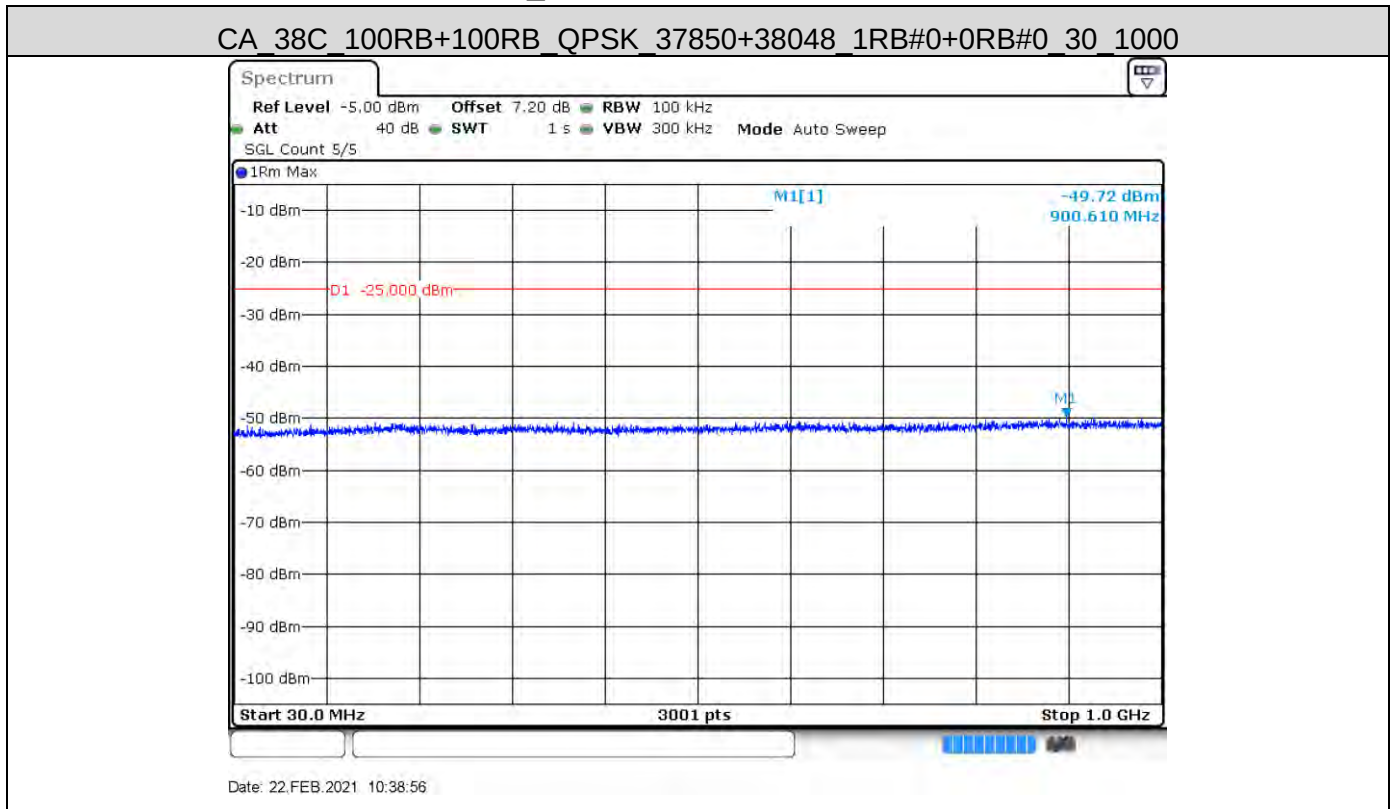
6 Spurious Emission at Antenna Terminal

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

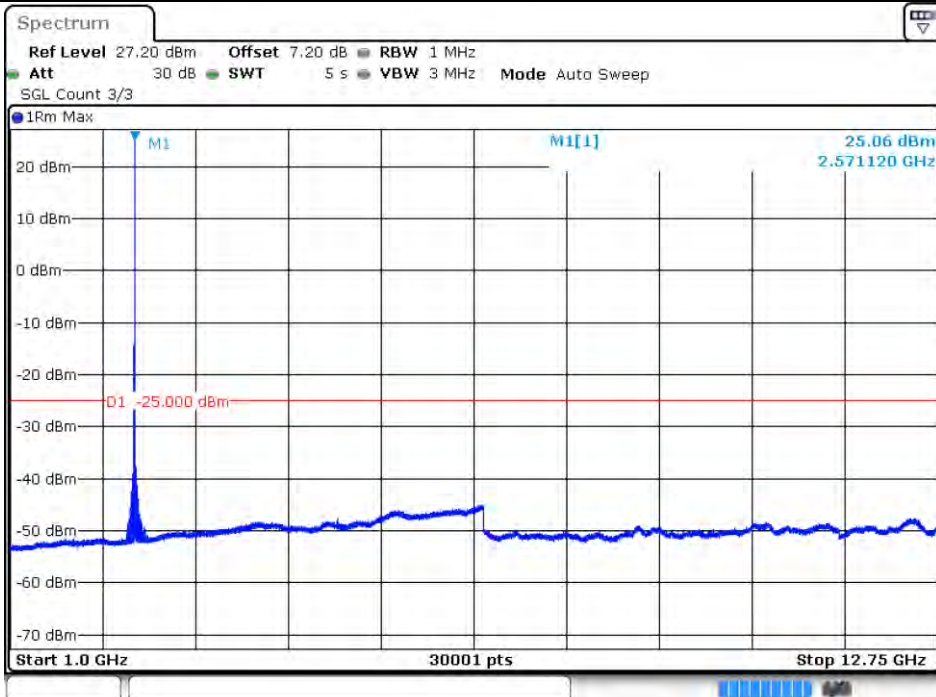
6.1 For LTE

6.1.1 Test Band = LTE Band CA_38C



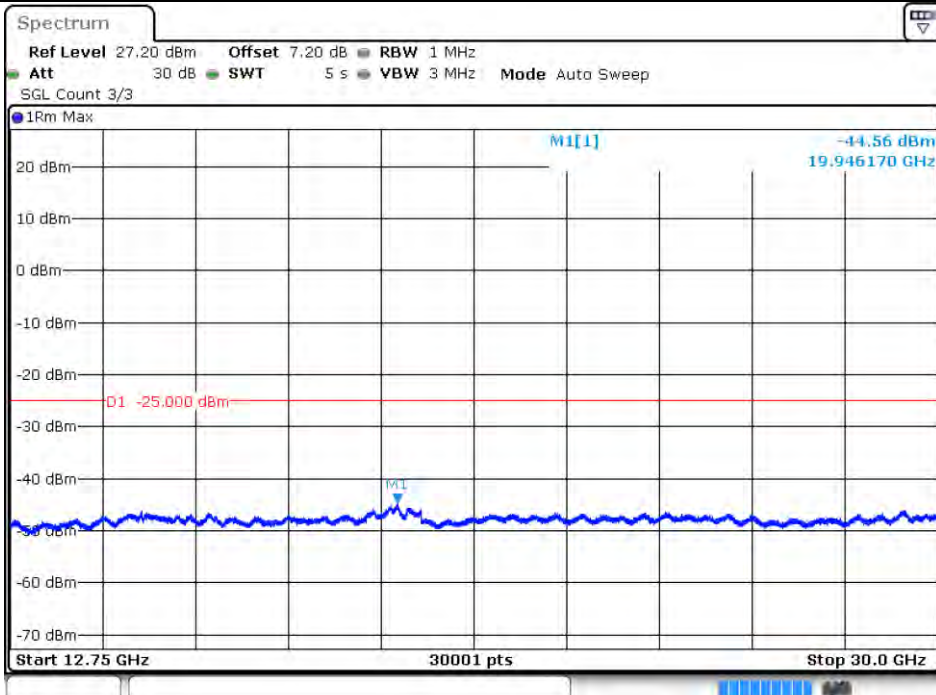


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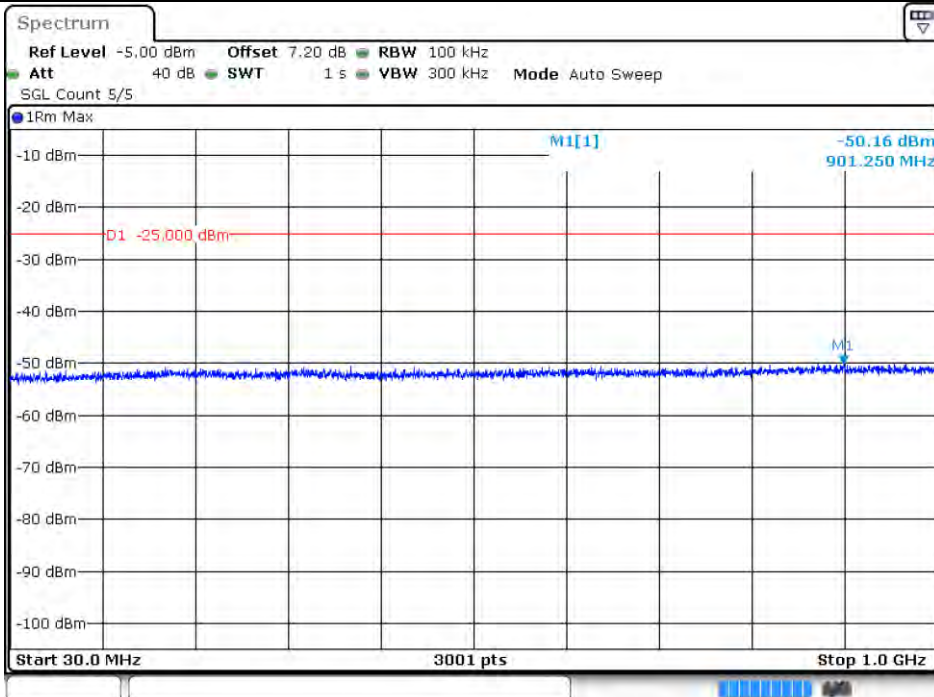
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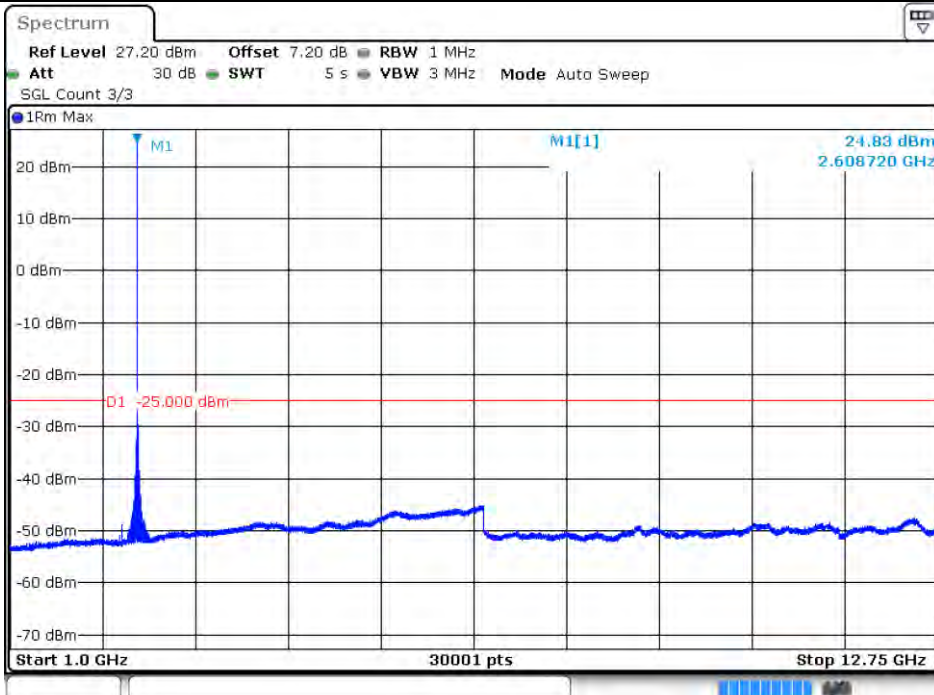


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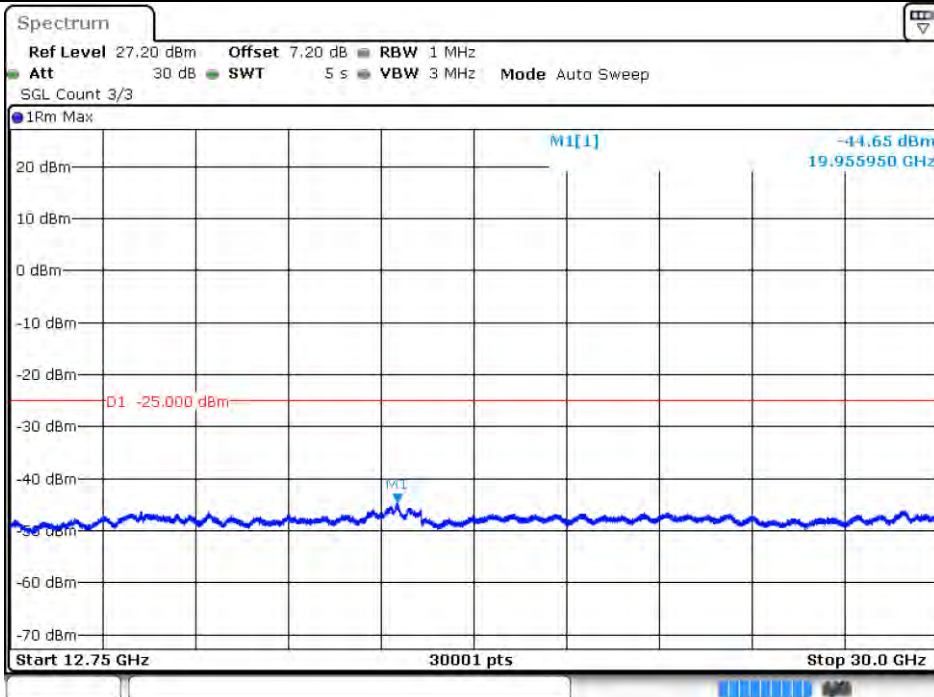
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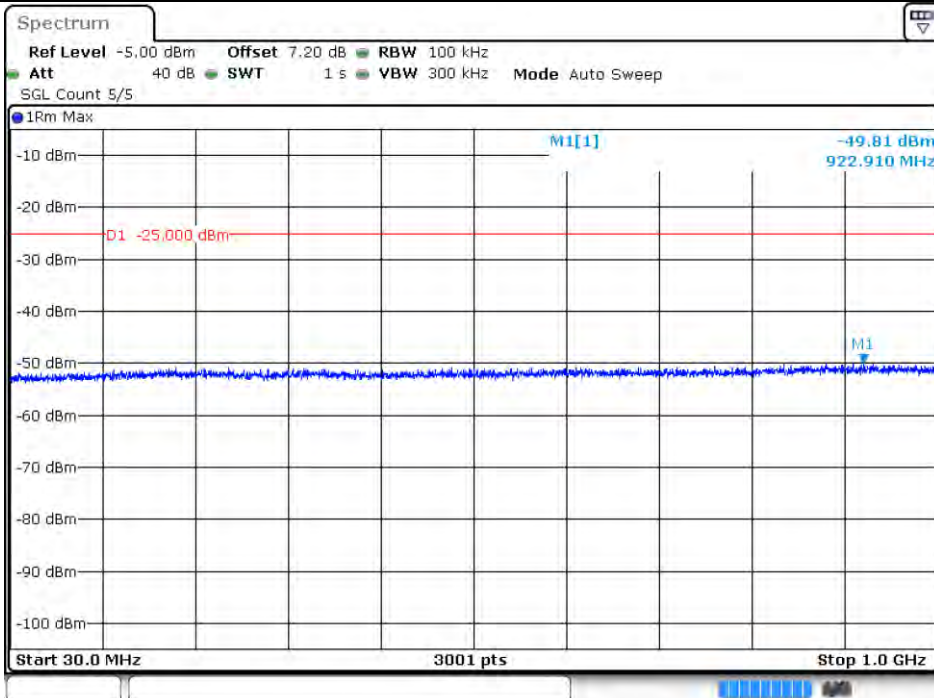


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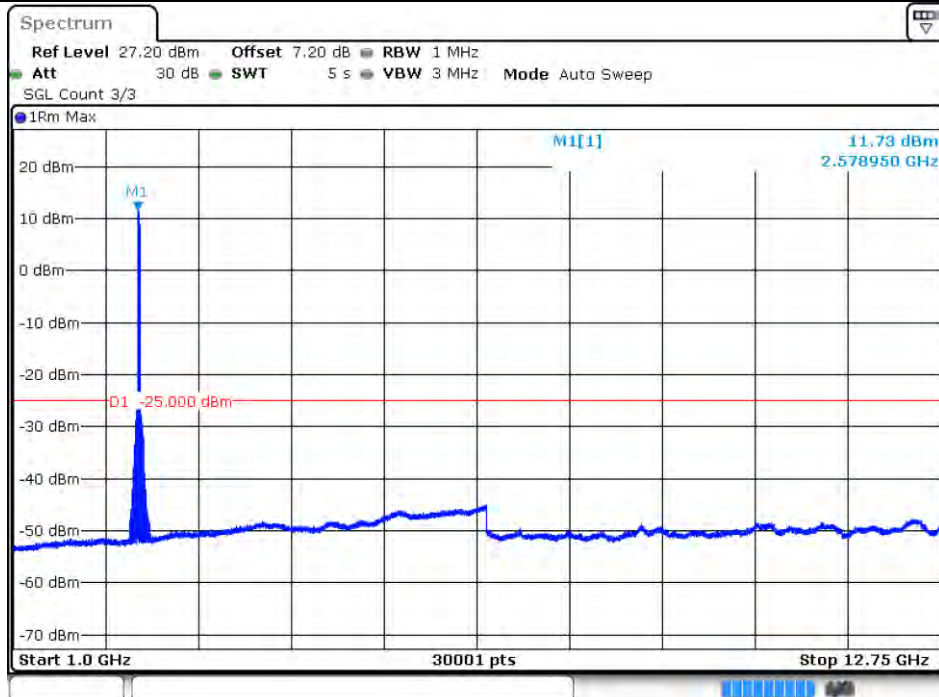


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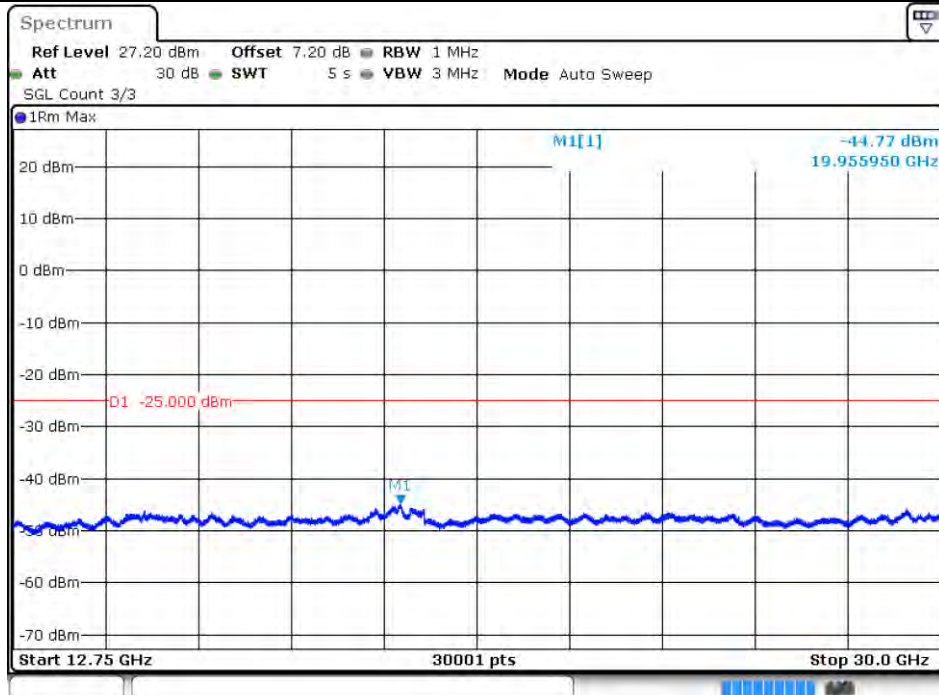
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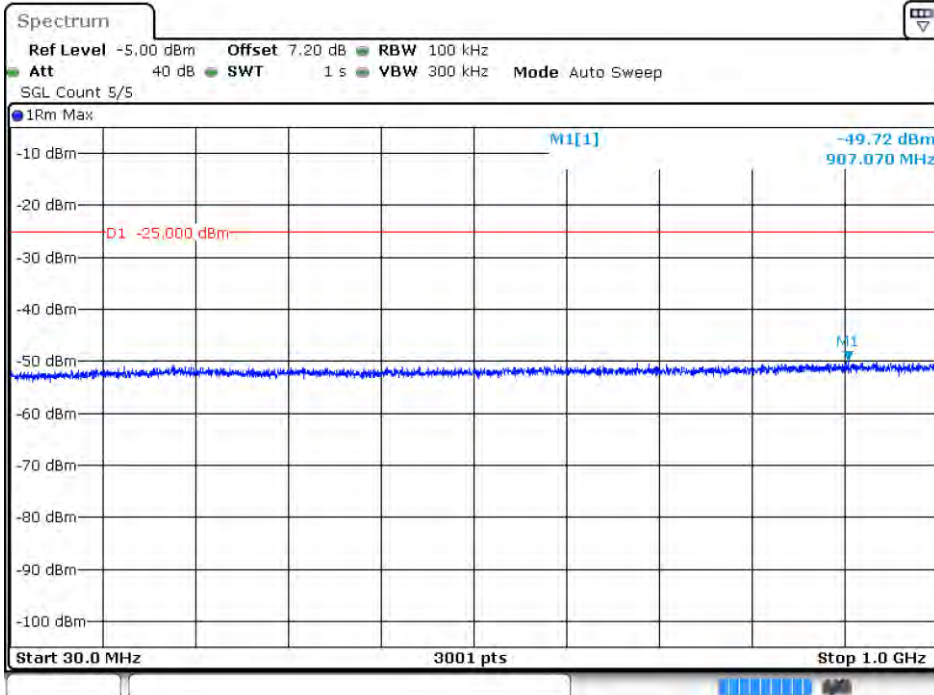


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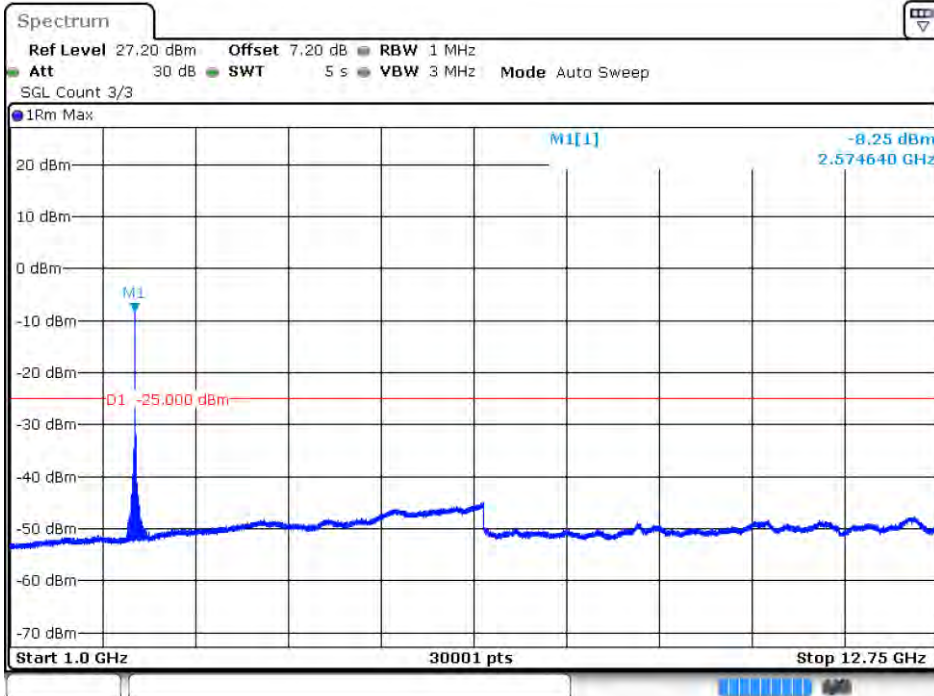
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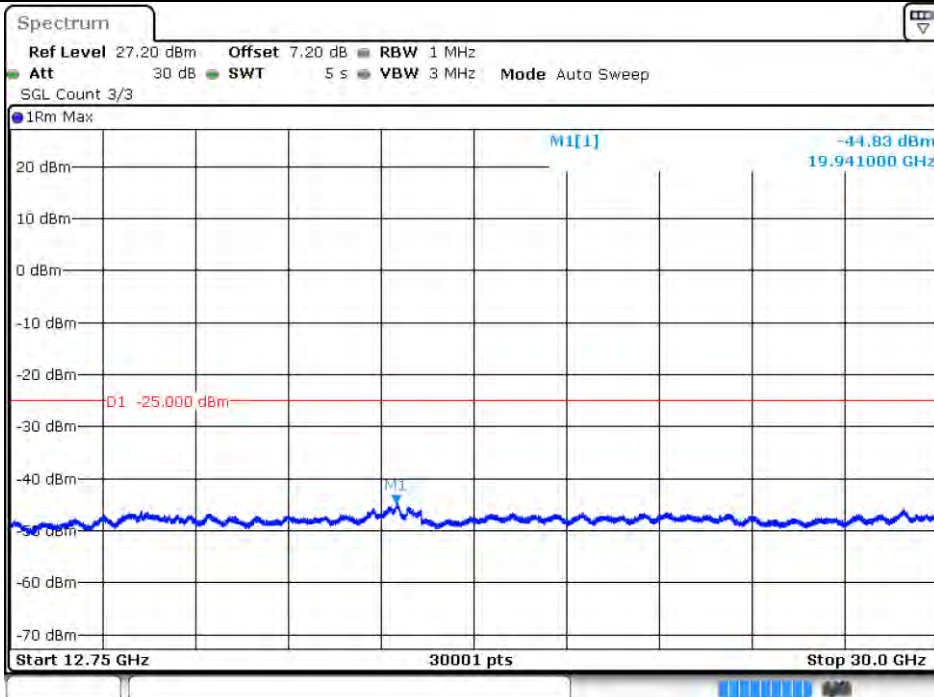
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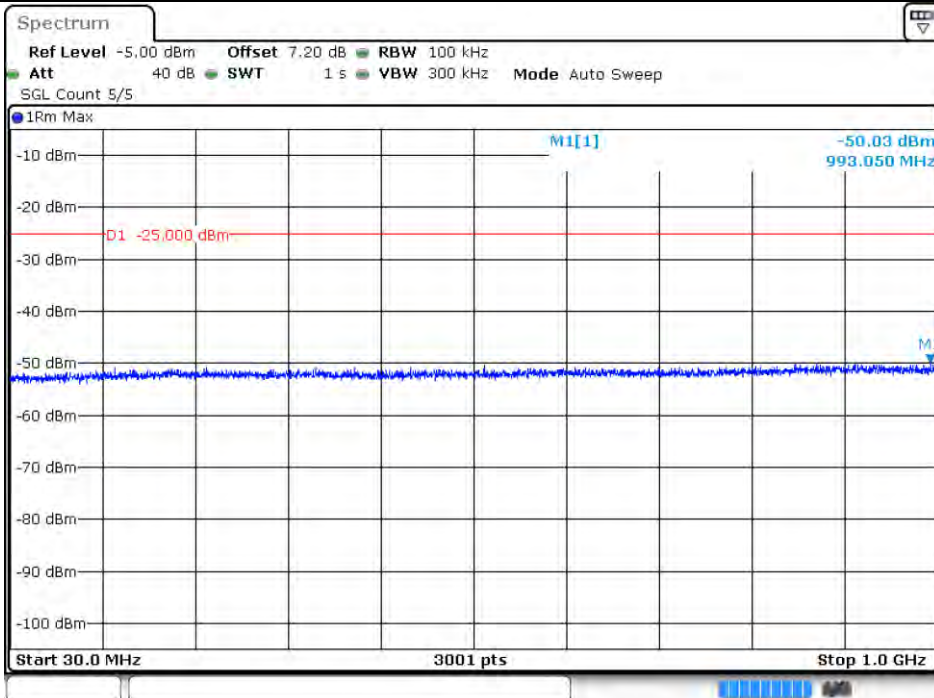


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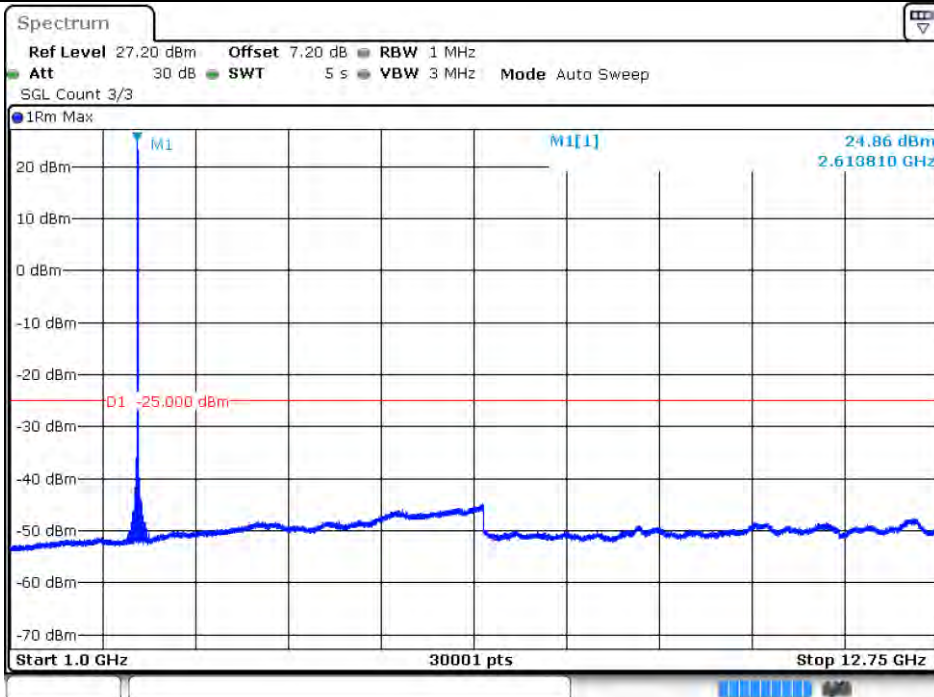
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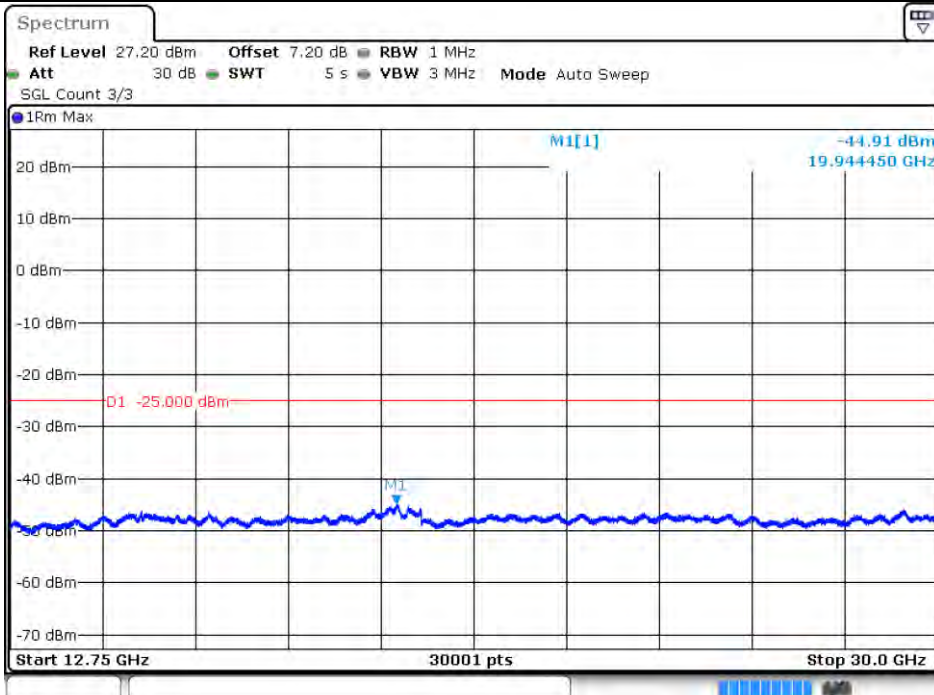
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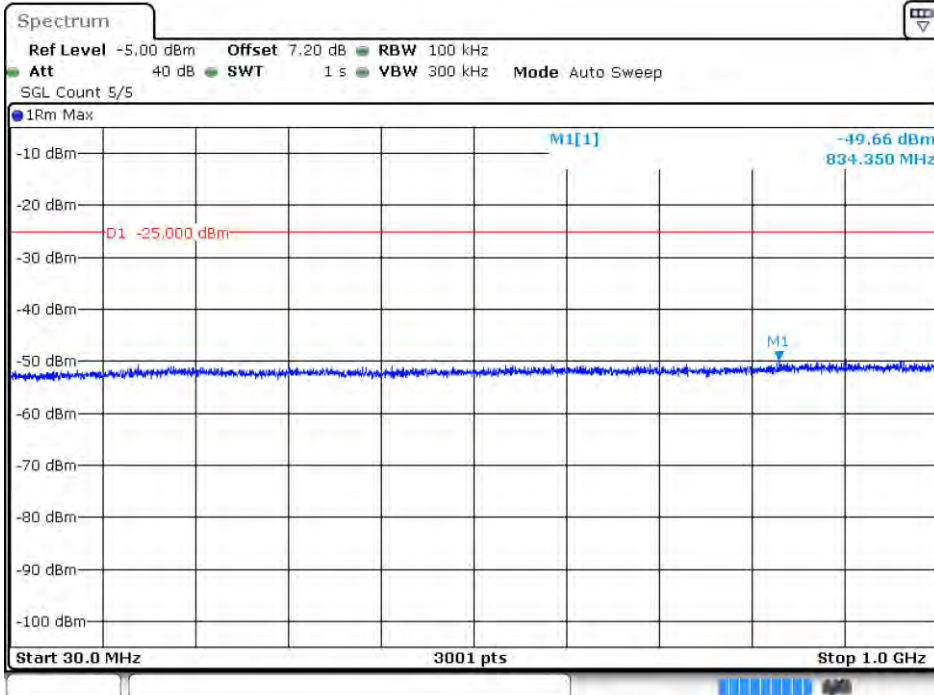


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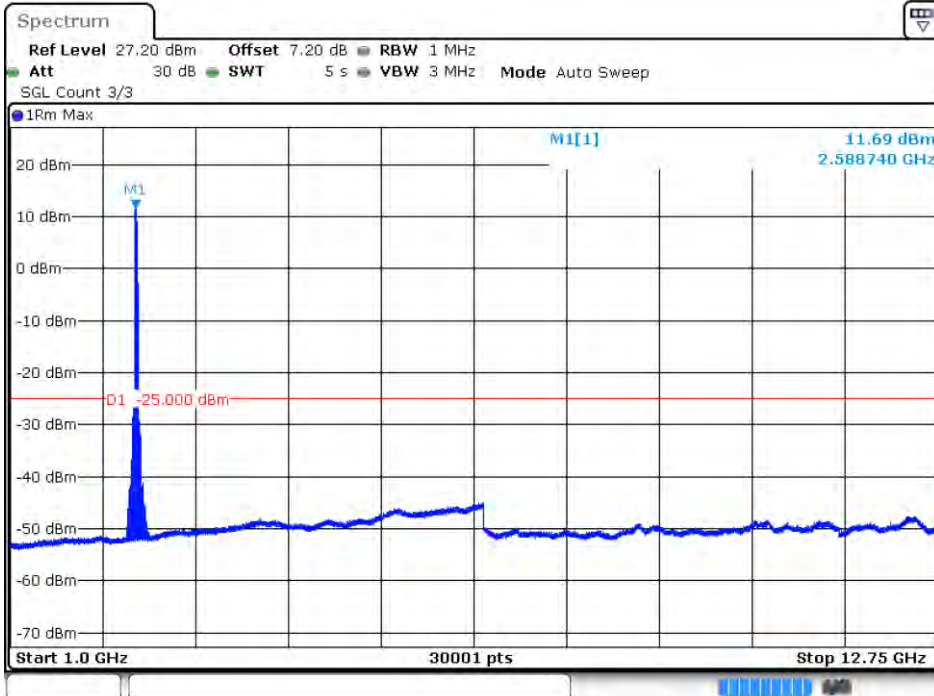


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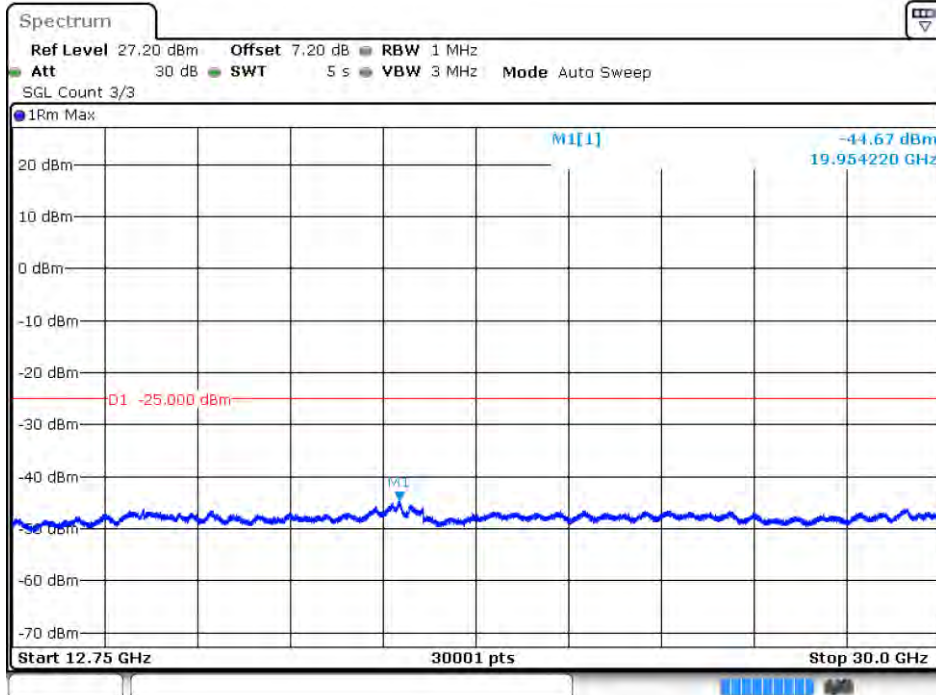
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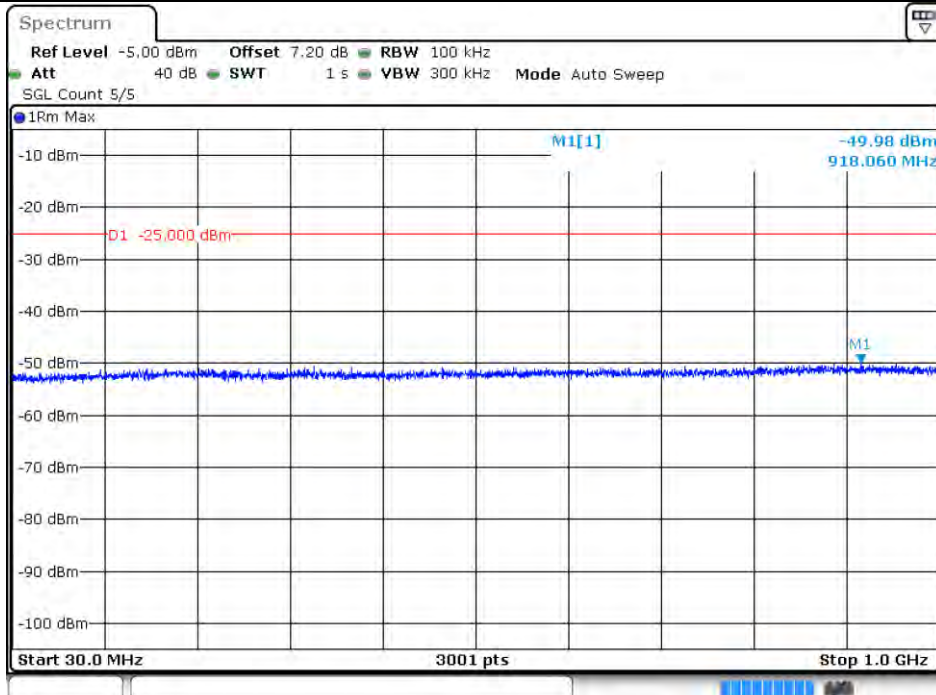
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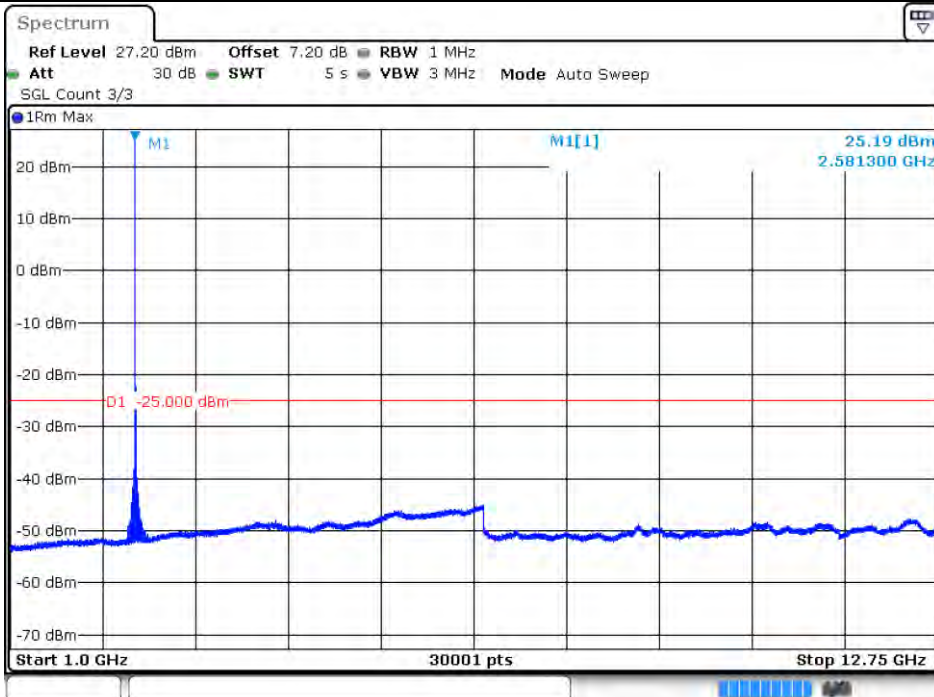
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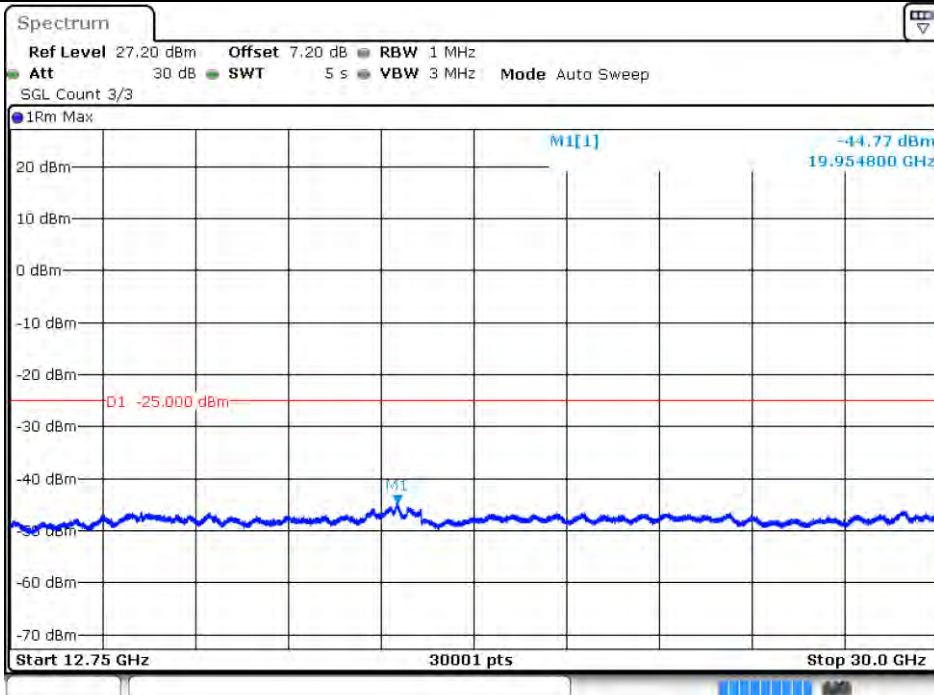


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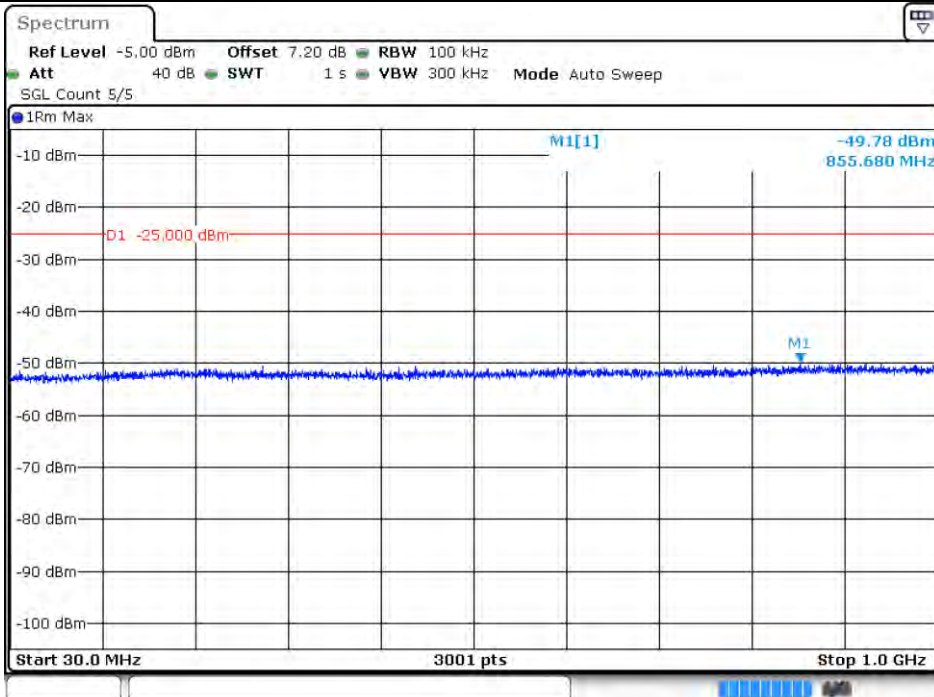
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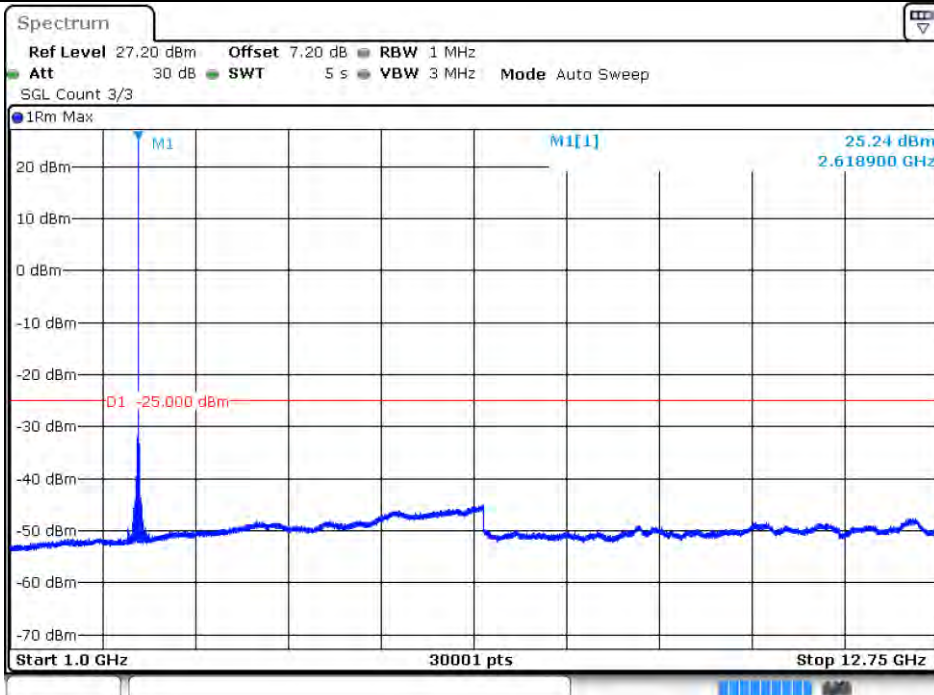


CA 38C 100RB+100RB QPSK 37952+38150 0RB#0+1RB#99 30 1000



Date: 22.FEB.2021 10:41:07

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Date: 22.FEB.2021 14:42:52

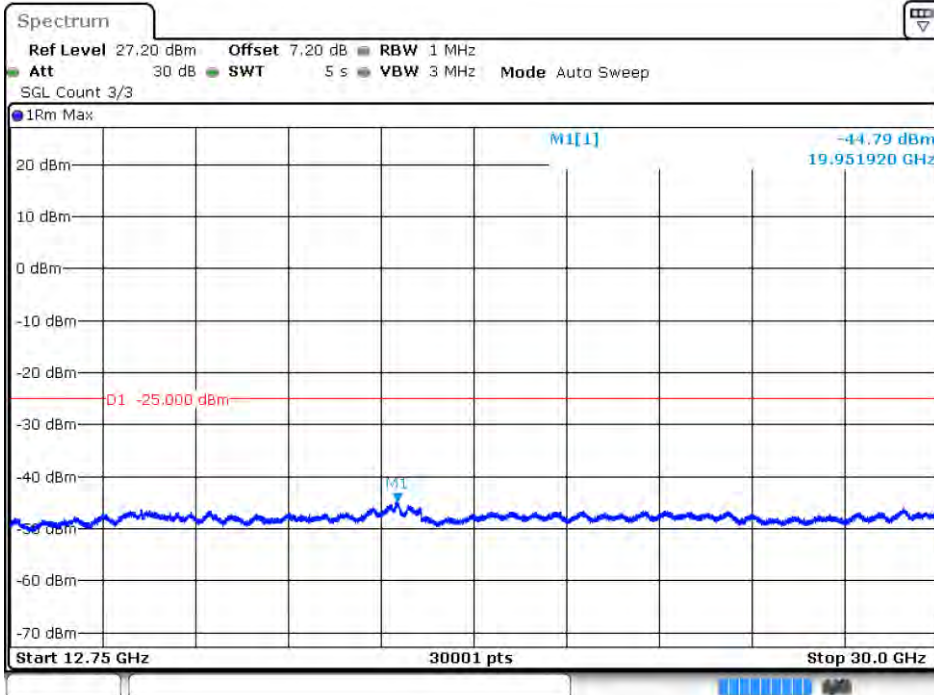


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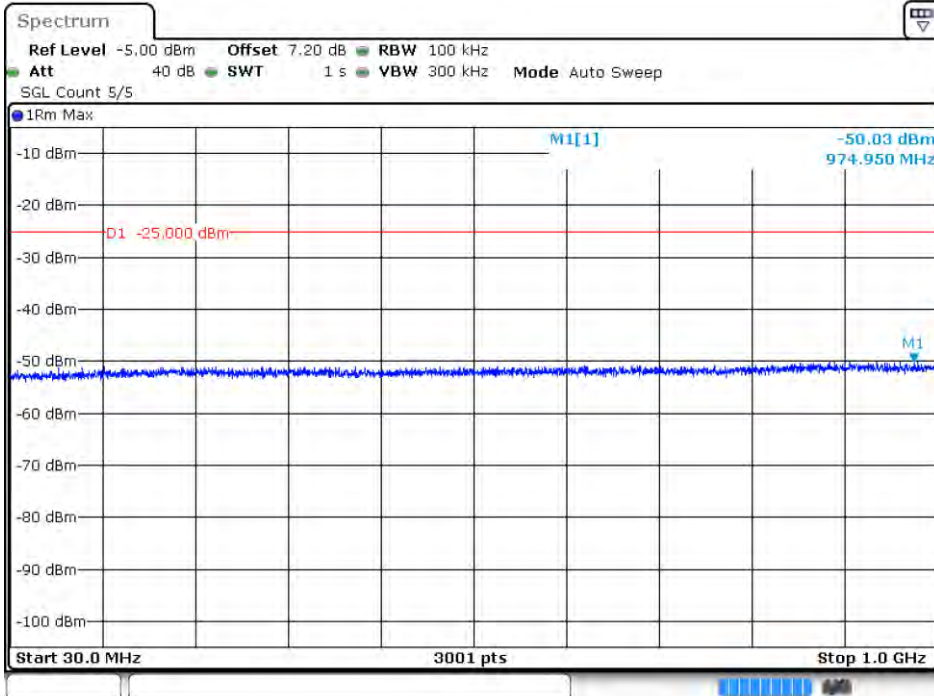
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CA 38C 100RB+100RB QPSK 37952+38150 0RB#0+1RB#99 12750 30000



Date: 22.FEB.2021 10:55:30

CA 38C 100RB+100RB QPSK 37952+38150 100RB#0+100RB#0 30 1000



Date: 22.FEB.2021 10:41:13



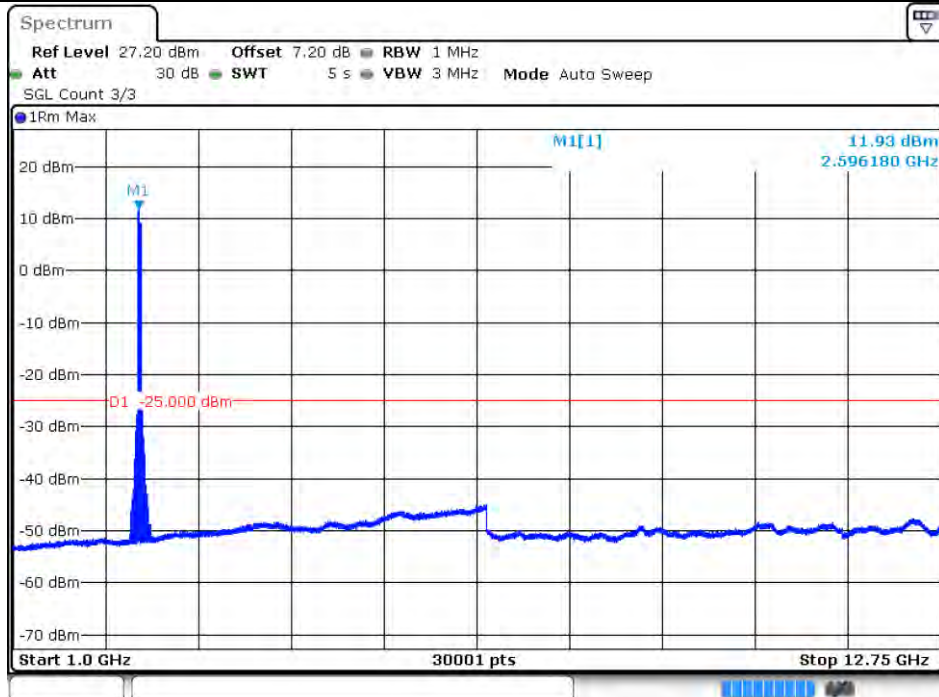
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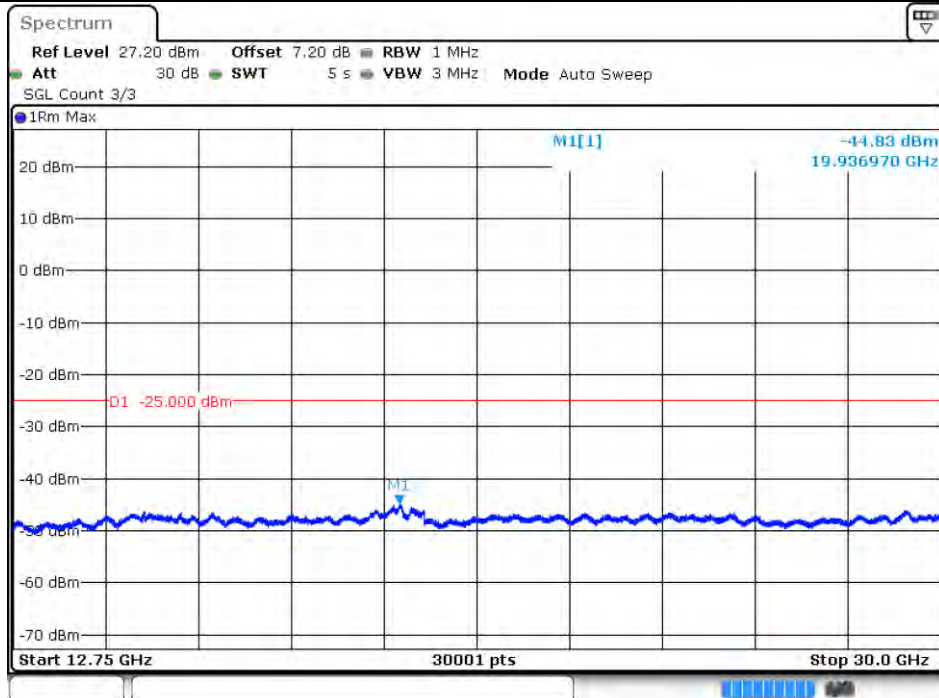
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CA 38C 100RB+100RB QPSK 37952+38150 100RB#0+100RB#0 1000 12750



Date: 22.FEB.2021 10:47:55

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



Date: 22.FEB.2021 10:55:47



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7 Field Strength of Spurious Radiation

7.1 For LTE UL CA

7.1.1.1 Test Mode =LTE 38C/QPSK (Down Ant)

7.1.1.1.1 Test Channel = LCH_Horizontal

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	54.750000	-69.44	-25.00	44.44	Horizontal
2	111.00000	-85.20	-25.00	60.20	Horizontal
3	269.60000	-79.71	-25.00	54.71	Horizontal
4	5114.1250	-57.20	-25.00	32.20	Horizontal
5	7796.3500	-52.04	-25.00	27.04	Horizontal
6	10319.975	-53.31	-25.00	28.31	Horizontal

7.1.1.1.2 Test Channel = LCH_Vertical

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	55.900000	-73.63	-25.00	48.63	Vertial
2	124.95000	-80.26	-25.00	55.26	Vertial
3	335.50000	-77.29	-25.00	52.29	Vertial
4	5068.6250	-57.29	-25.00	32.29	Vertial
5	7746.3000	-51.80	-25.00	26.80	Vertial
6	10198.750	-52.34	-25.00	27.34	Vertial



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7.1.1.1.3 Test Channel = MCH_Horizontal

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	55.050000	-70.33	-25.00	45.33	Horizontal
2	104.25000	-84.97	-25.00	59.97	Horizontal
3	297.65000	-79.88	-25.00	54.88	Horizontal
4	5062.4500	-57.13	-25.00	32.13	Horizontal
5	7673.1750	-51.85	-25.00	26.85	Horizontal
6	10606.625	-53.39	-25.00	28.39	Horizontal

7.1.1.1.4 Test Channel = MCH_Vertical

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	64.200000	-73.67	-25.00	48.67	Vertical
2	120.90000	-81.45	-25.00	56.45	Vertical
3	336.10000	-76.68	-25.00	51.68	Vertical
4	5130.3750	-56.40	-25.00	31.40	Vertical
5	7695.9250	-52.81	-25.00	27.81	Vertical
6	10146.425	-52.69	-25.00	27.69	Vertical



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7.1.1.1.5 Test Channel = HCH_Horizontal

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	56.800000	-68.66	-25.00	43.66	Horizontal
2	104.25000	-77.73	-25.00	52.73	Horizontal
3	248.85000	-80.12	-25.00	55.12	Horizontal
4	5039.0500	-56.30	-25.00	31.30	Horizontal
5	7705.3500	-51.88	-25.00	26.88	Horizontal
6	10194.200	-52.93	-25.00	27.93	Horizontal

7.1.1.1.6 Test Channel = HCH_Vertical

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	64.600000	-73.44	-25.00	48.44	Vertical
2	104.30000	-75.54	-25.00	50.54	Vertical
3	318.25000	-79.01	-25.00	54.01	Vertical
4	5133.9500	-56.24	-25.00	31.24	Vertical
5	7876.3000	-52.45	-25.00	27.45	Vertical
6	10724.275	-52.76	-25.00	27.76	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 above 18GHz and below 30MHz and above 12.75GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.



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8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	RB 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	-5.33	-0.002065	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	TN	HV	2.21	0.000855	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	LV	2.27	0.000878	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	NV	1.65	0.000639	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	HV	-3.65	-0.001410	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	LV	0.36	0.000137	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	NV	-4.85	-0.001862	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	HV	4.00	0.001535	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	LV	-8.92	-0.003424	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	NV	-6.30	-0.002417	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	HV	0.48	0.000183	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	LV	11.43	0.004419	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	NV	-7.34	-0.002836	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	HV	-6.22	-0.002403	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	LV	10.54	0.004043	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	NV	-1.59	-0.000609	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	HV	9.31	0.003570	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	LV	-6.01	-0.002328	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	NV	10.64	0.004122	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	HV	1.81	0.000701	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	LV	-3.55	-0.001371	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	NV	-10.40	-0.004022	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	HV	5.94	0.002298	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	LV	-10.94	-0.004199	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	NV	-13.36	-0.005126	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	HV	-4.51	-0.001731	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	11.53	0.004465	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-10	-2.50	-0.000967	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	0	13.48	0.005220	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	10	-4.08	-0.001581	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	20	1.82	0.000705	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	30	-1.98	-0.000768	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	40	-2.76	-0.001068	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	50	-14.41	-0.005580	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-30	-12.03	-0.004649	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-20	-11.10	-0.004289	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-10	-4.41	-0.001704	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	0	-0.59	-0.000228	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	10	11.64	0.004501	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	20	7.23	0.002796	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	30	-11.76	-0.004545	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	40	8.67	0.003352	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	50	8.72	0.003370	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-30	-6.66	-0.002554	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-20	13.09	0.005023	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-10	2.07	0.000794	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	0	1.32	0.000508	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	10	3.80	0.001457	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	20	-7.82	-0.003001	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	30	10.00	0.003838	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	40	14.38	0.005518	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	50	-7.86	-0.003016	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-30	9.49	0.003675	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-20	-9.30	-0.003603	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-10	-6.57	-0.002546	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	0	-14.75	-0.005714	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	10	9.48	0.003671	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	20	-6.20	-0.002403	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	30	9.87	0.003823	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	40	14.53	0.005629	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	50	-1.26	-0.000488	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-30	5.80	0.002242	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-20	-11.16	-0.004313	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-10	13.93	0.005385	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	0	9.68	0.003743	PASS



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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	10	5.42	0.002094	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	20	8.96	0.003463	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	30	12.12	0.004684	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	40	11.49	0.004443	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	50	5.02	0.001940	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-30	-14.12	-0.005419	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-20	1.27	0.000486	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-10	-10.40	-0.003989	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	0	0.61	0.000233	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	10	-12.74	-0.004888	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	20	-10.05	-0.003857	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	30	14.82	0.005687	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	40	1.36	0.000521	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	50	8.34	0.003200	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-30	14.82	0.005741	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-20	-1.71	-0.000661	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-10	-3.02	-0.001171	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	0	1.82	0.000705	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	10	11.72	0.004538	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	20	-12.32	-0.004773	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	30	-11.33	-0.004388	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	40	6.53	0.002529	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	50	5.71	0.002213	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-30	-14.61	-0.005649	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-20	14.68	0.005677	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-10	-11.53	-0.004457	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	0	11.97	0.004629	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	10	-3.93	-0.001519	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	20	9.76	0.003773	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	30	7.40	0.002860	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	40	-3.08	-0.001192	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	50	-2.61	-0.001010	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-30	-11.52	-0.004420	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-20	-1.19	-0.000458	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-10	-11.44	-0.004391	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	0	-8.23	-0.003159	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	10	0.44	0.000171	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	20	7.81	0.002996	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	30	-13.62	-0.005227	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	40	-11.39	-0.004371	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	50	-13.84	-0.005309	PASS

The End



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