



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(ANT1)

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	22.84	21.14	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	23.02	21.32	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	22.76	21.06	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	23.74	22.04	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	23.37	21.67	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	23.59	21.89	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	22.83	21.13	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	23.53	21.83	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	22.93	21.23	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	23.52	21.82	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	23.41	21.71	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	23.74	22.04	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	22.52	20.82	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	22.49	20.79	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	22.76	21.06	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	22.38	20.68	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	22.63	20.93	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	22.60	20.9	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	22.73	21.03	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	22.37	20.67	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	22.58	20.88	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	22.43	20.73	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	22.85	21.15	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	22.73	21.03	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	21.65	19.95	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	21.49	19.79	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	21.55	19.85	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	21.59	19.89	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	21.57	19.87	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	21.58	19.88	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	21.62	19.92	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	21.61	19.91	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	21.31	19.61	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	21.74	20.04	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	21.49	19.79	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	21.61	19.91	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	256QAM	19.05	17.35	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	256QAM	19.06	17.36	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	256QAM	18.80	17.1	33.00	PASS



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CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	256QAM	18.95	17.25	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	256QAM	19.08	17.38	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	256QAM	19.52	17.82	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	256QAM	19.00	17.3	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	256QAM	19.36	17.66	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	256QAM	19.44	17.74	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	256QAM	19.57	17.87	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	256QAM	19.07	17.37	33.00	PASS
CA_38C	100RB00RB	37952+38150	18RB#0	0RB#0	256QAM	19.04	17.34	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 [dBi]

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	8.38	13.00	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	8.61	13.00	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	8.64	13.00	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	9.39	13.00	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	9.39	13.00	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	9.39	13.00	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	7.39	13.00	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	9.97	13.00	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	9.88	13.00	PASS
CA_38C	256QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	9.91	13.00	PASS
CA_38C	256QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	7.68	13.00	PASS
CA_38C	256QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	9.91	13.00	PASS



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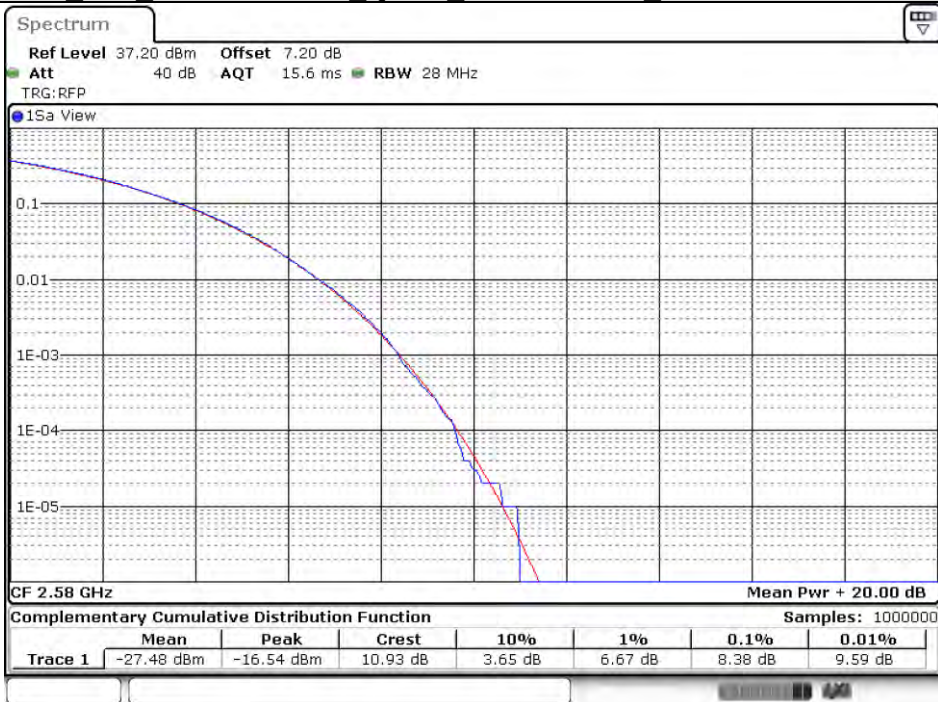
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2.1 For LTE

2.1.1 Test Band = LTE Band CA_38C

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



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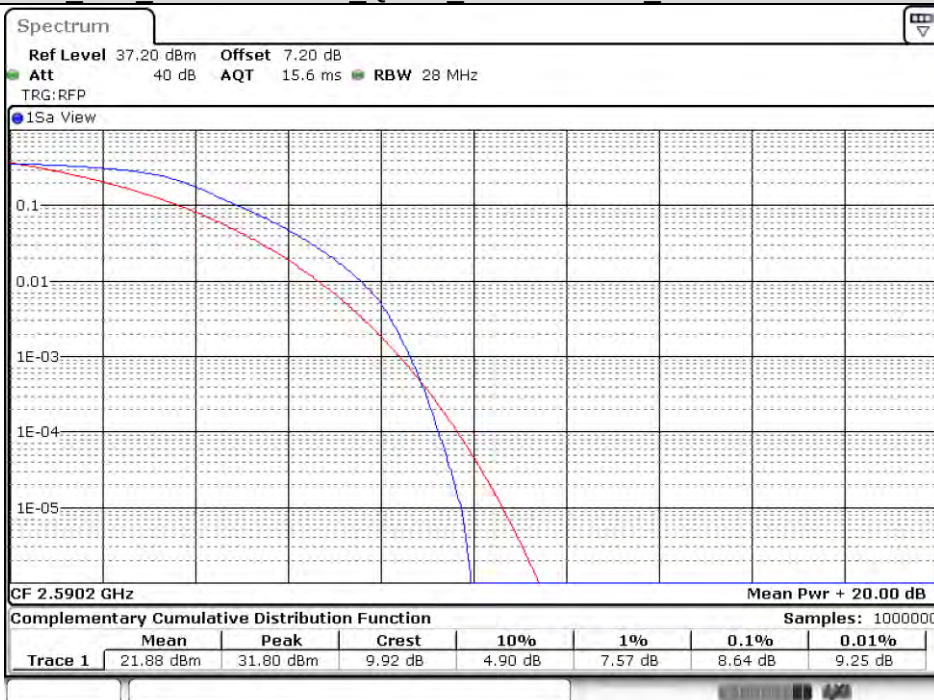
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CA_38C_100RB+100RB_QPSK_37901+38099_100RB#0+100RB#0



Date: 20.FEB.2021 15:17:49

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



Date: 20.FEB.2021 15:18:11



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



Date: 20.FEB.2021 15:17:37

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



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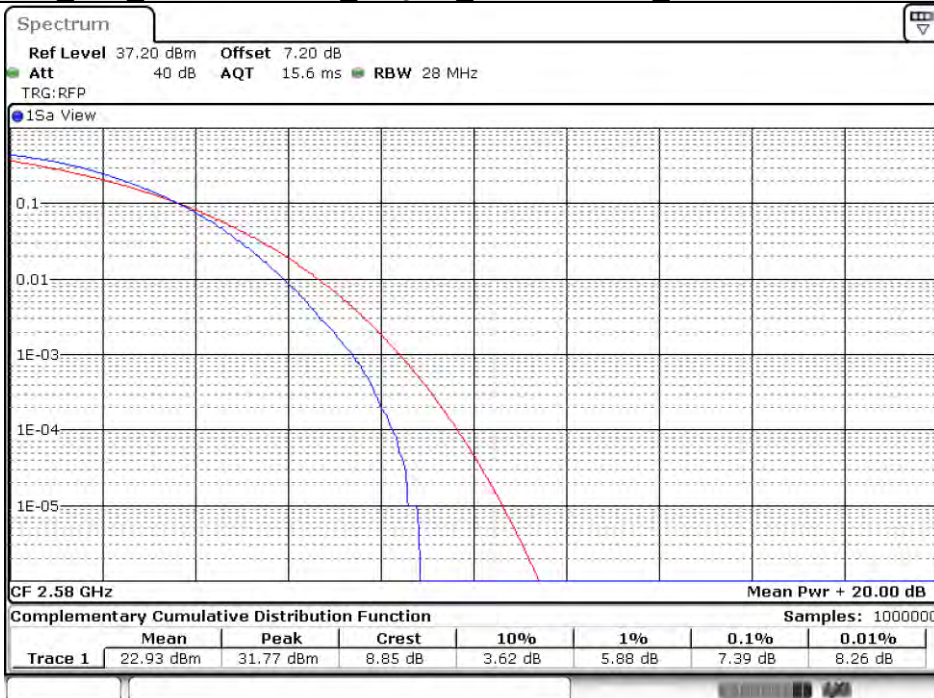
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CA 38C 100RB+100RB 16QAM 37952+38150 100RB#0+100RB#0



Date: 20.FEB.2021 15:18:22

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



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



Date: 20.FEB.2021 15:19:03

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



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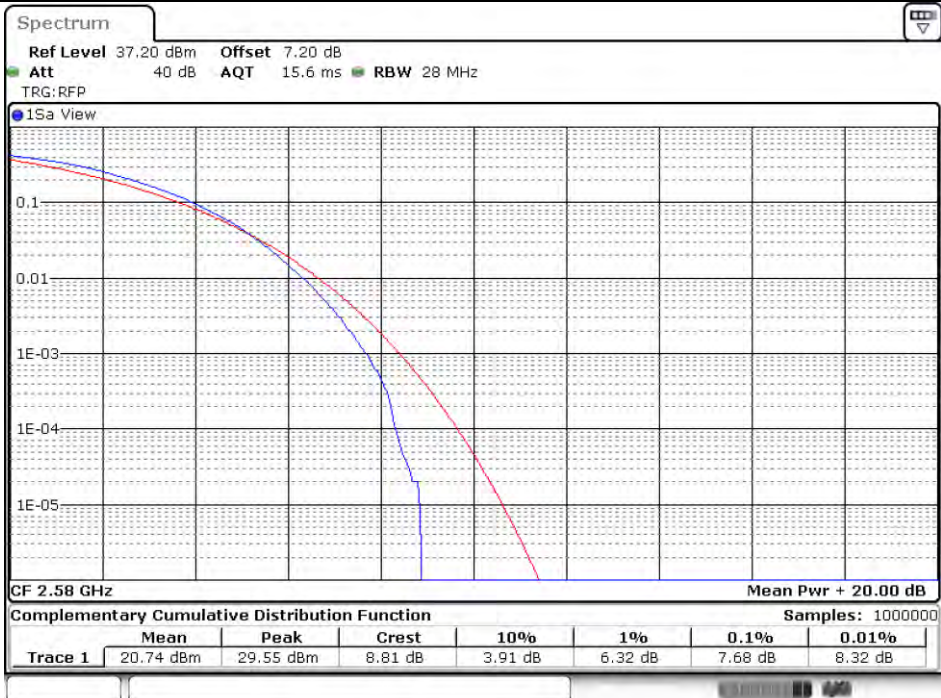
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CA_38C_100RB+100RB_256QAM_37850+38048_100RB#0+100RB#0



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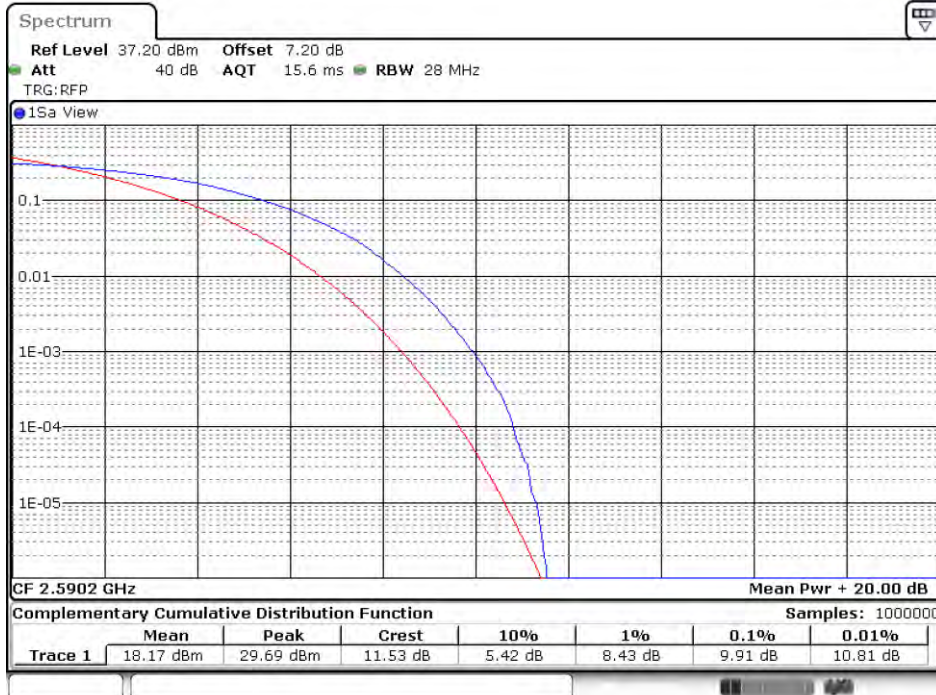
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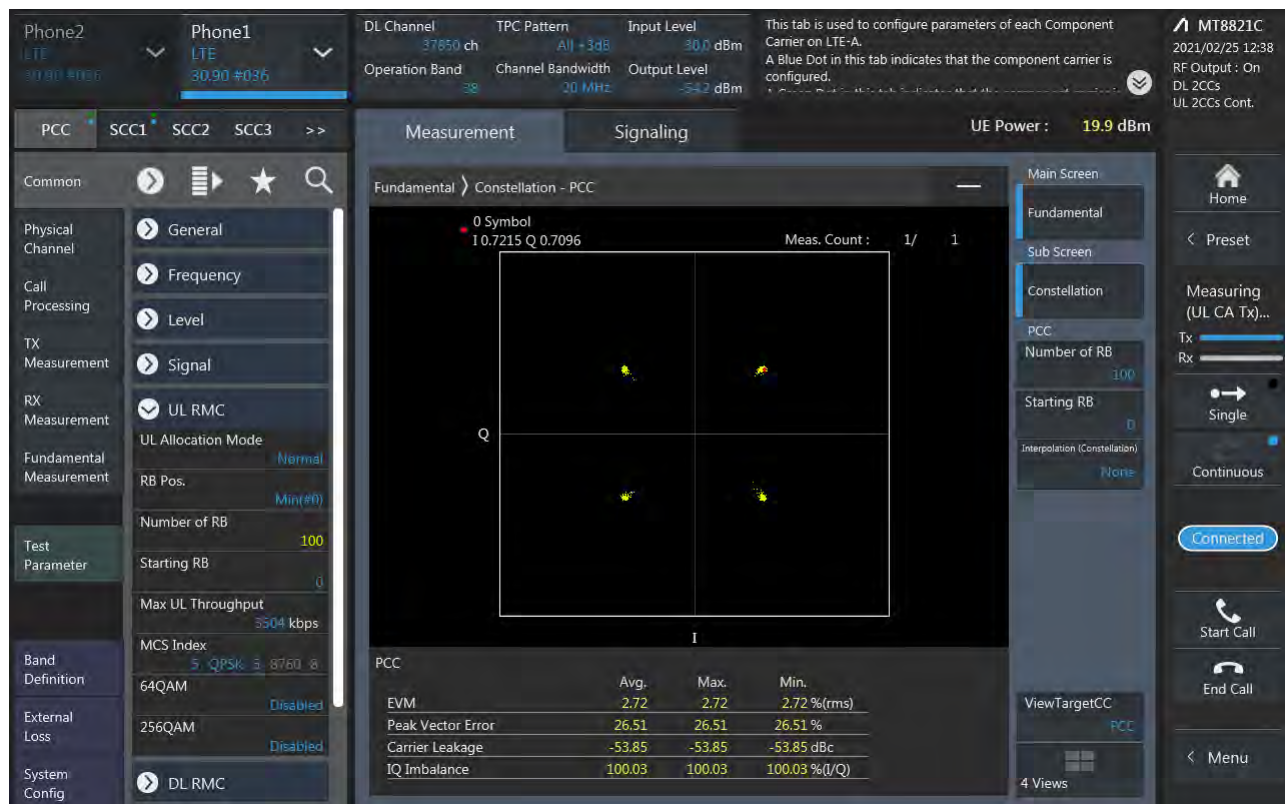
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_38C

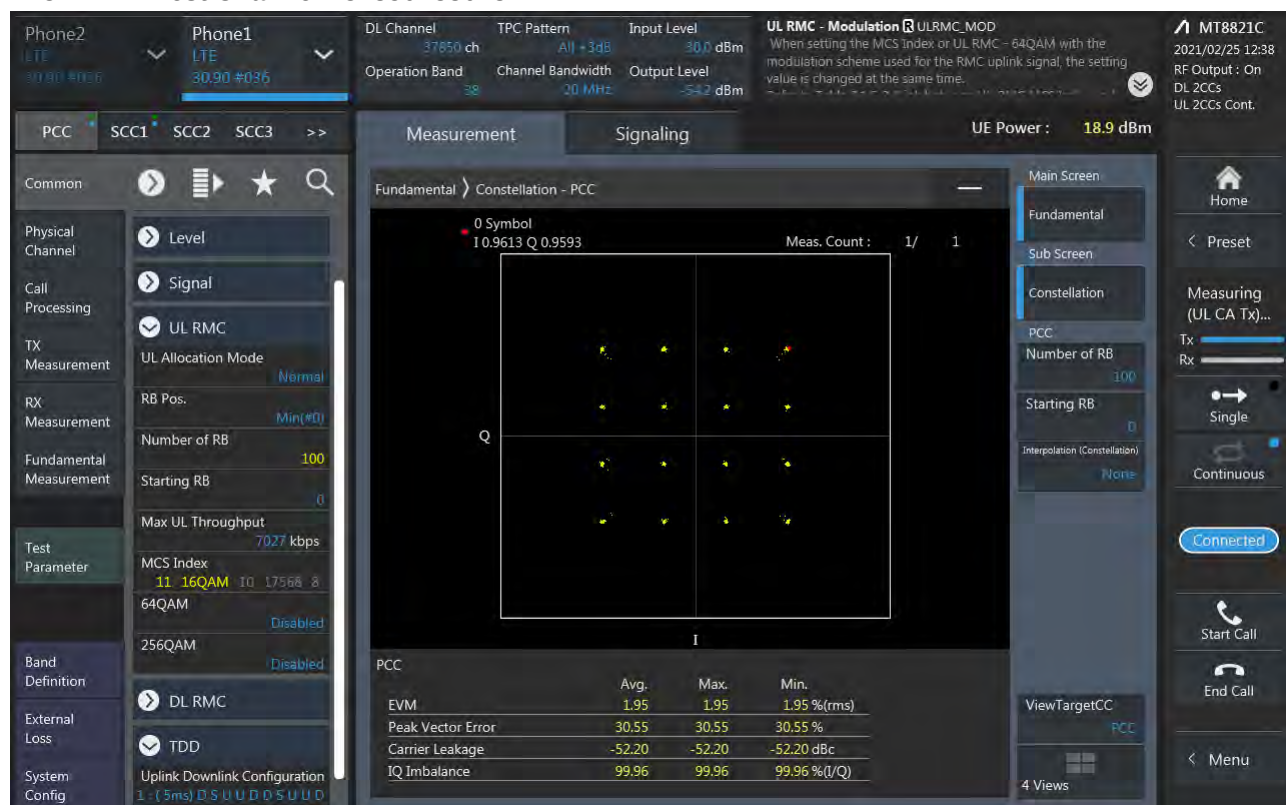
3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

3.1.1.1.1 Test Channel = 37850+38048





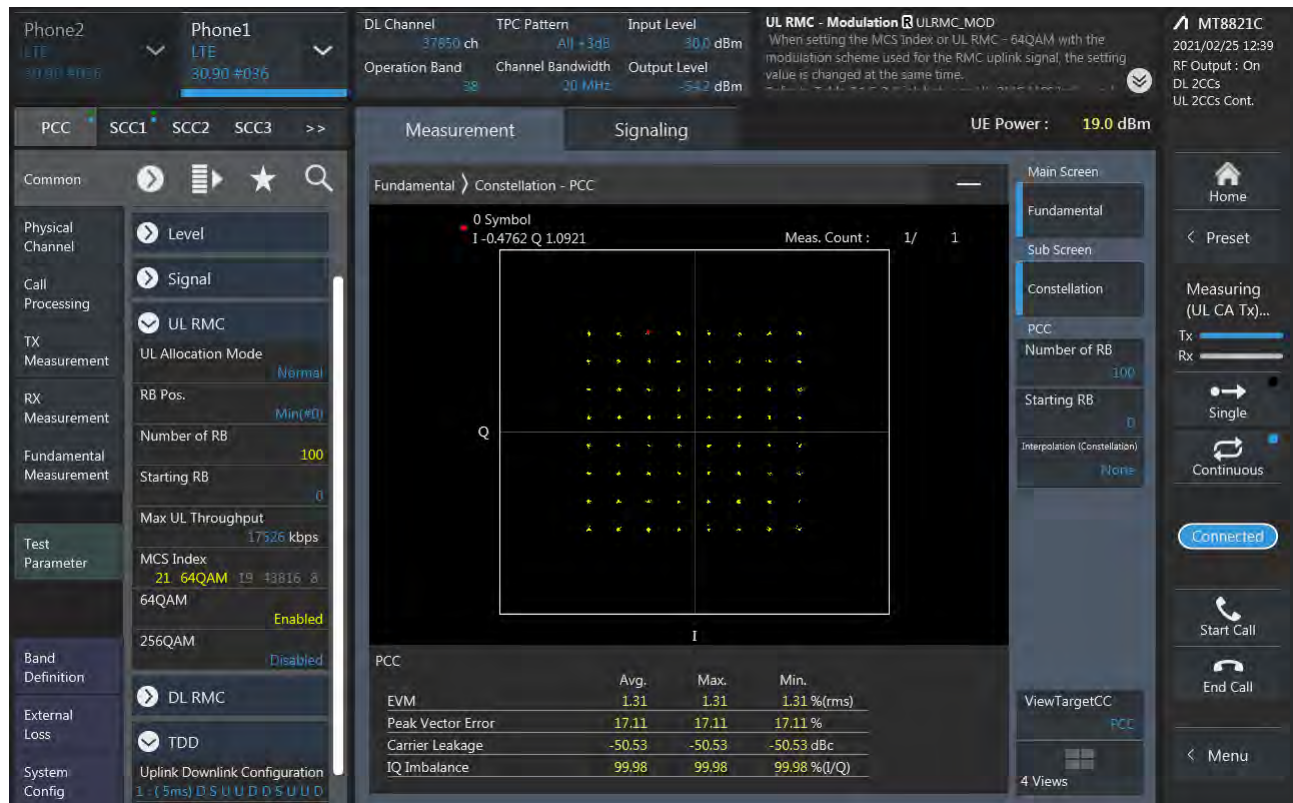
3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB
3.1.1.2.1 Test Channel =37850+38048





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

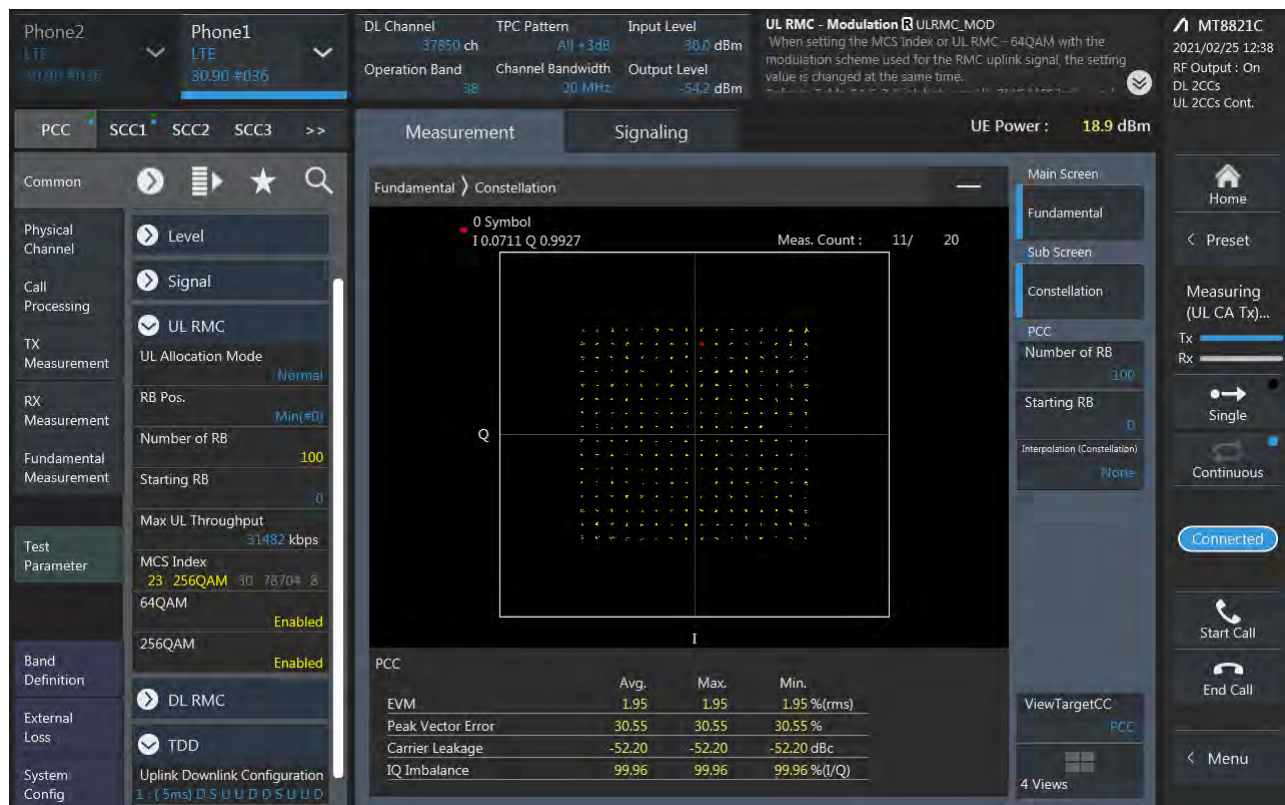
3.1.1.3.1 Test Channel = 37850+38048





3.1.1.4 Test Mode = LTE /256QAM 100RB+100RB

3.1.1.4.1 Test Channel = 37850+38048





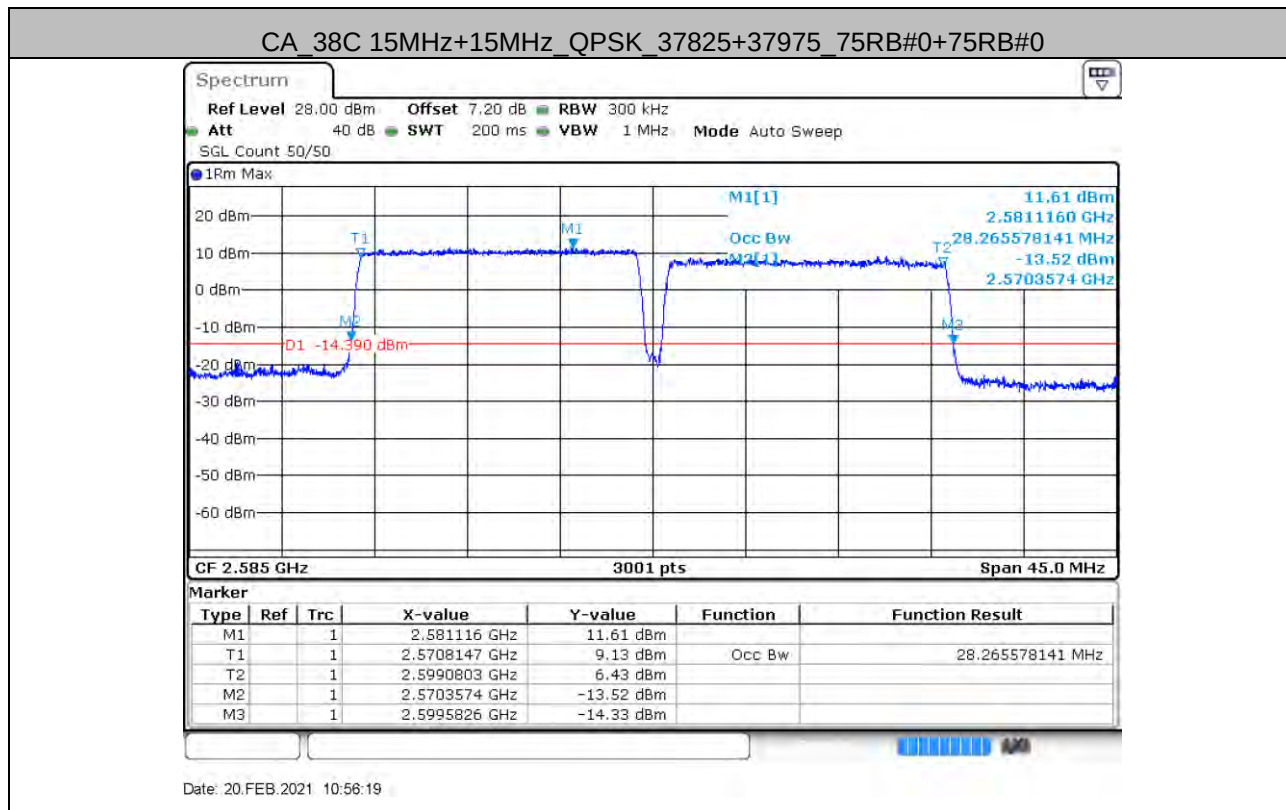
4 26dB Bandwidth and Occupied Bandwidth

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	28.27	29.23	PASS
CA_38C	16QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.24	29.18	PASS
CA_38C	64QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.22	29.24	PASS
CA_38C	QPSK	75RB+75RB	37925+38075	75RB#0	75RB#0	28.25	29.23	PASS
CA_38C	16QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.24	29.24	PASS
CA_38C	64QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.24	29.23	PASS
CA_38C	QPSK	75RB+75RB	38025+38175	75RB#0	75RB#0	28.25	29.18	PASS
CA_38C	16QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.22	29.21	PASS
CA_38C	64QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.21	29.23	PASS
CA_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	37.47	38.91	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.45	38.89	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	37.57	38.83	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.45	38.91	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.45	38.93	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	37.51	38.91	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.45	38.91	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.45	38.93	PASS
CA_38C	256QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.19	29.20	PASS
CA_38C	256QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.22	29.21	PASS
CA_38C	256QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.18	29.17	PASS
CA_38C	256QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.43	38.89	PASS
CA_38C	256QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.41	38.87	PASS
CA_38C	256QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.43	38.75	PASS

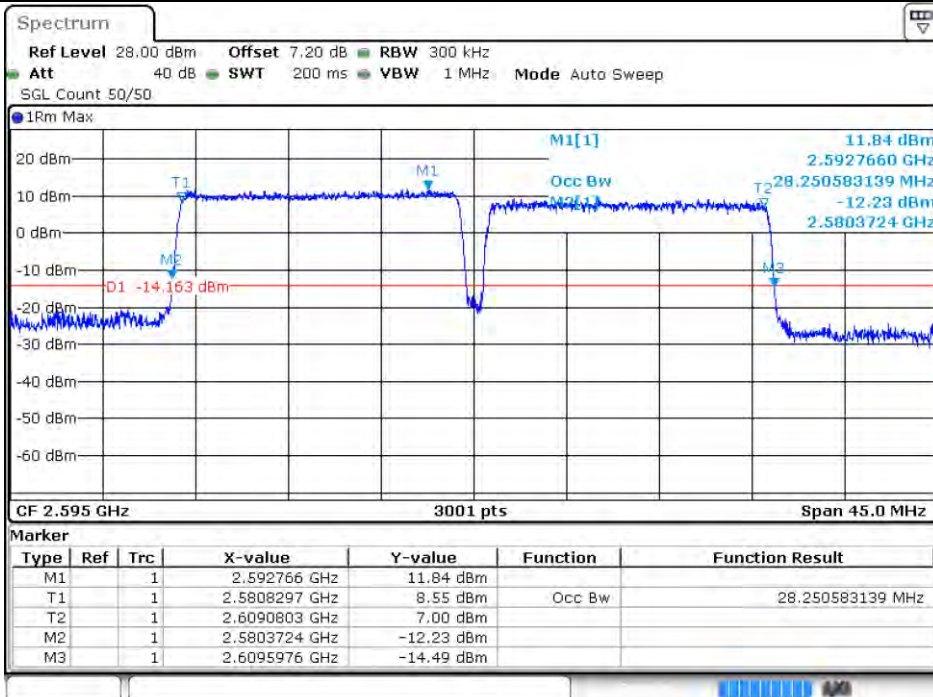


4.1 For LTE

4.1.1 Test Band = LTE Band CA_38C

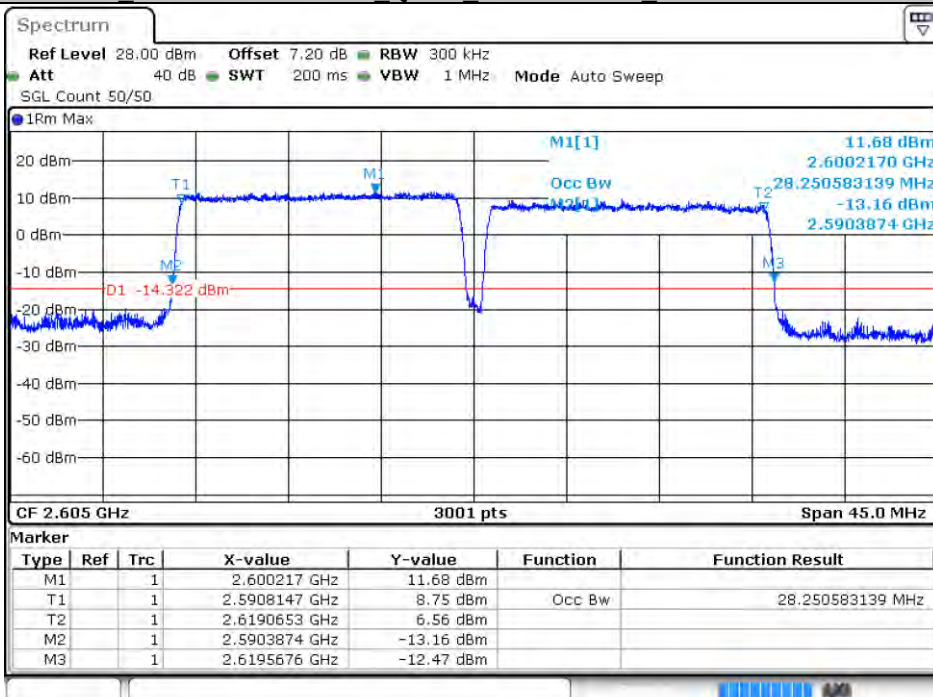


CA 38C 15MHz+15MHz QPSK 37925+38075 75RB#0+75RB#0



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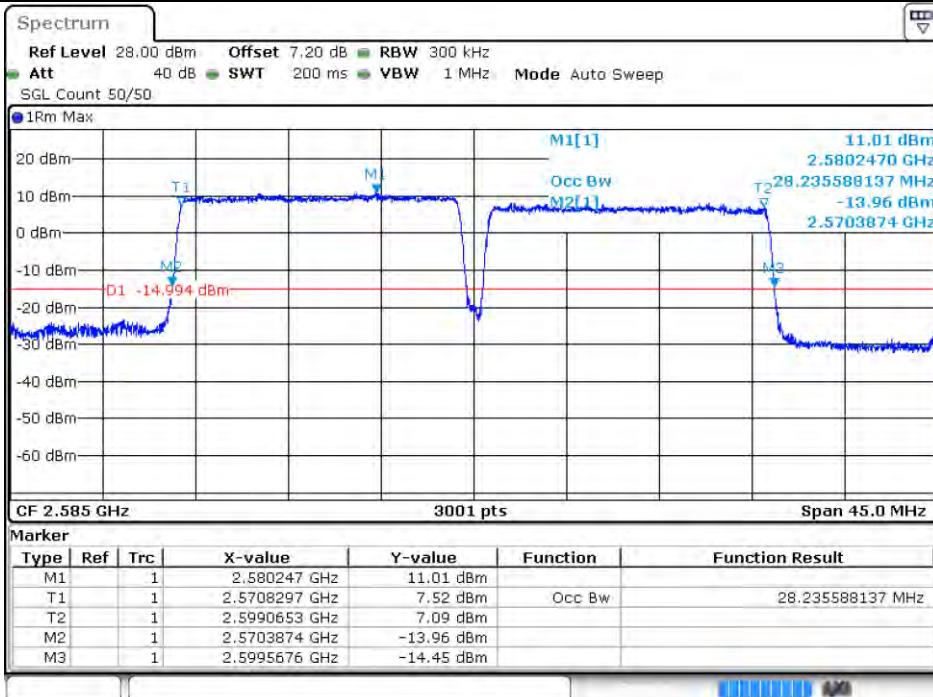
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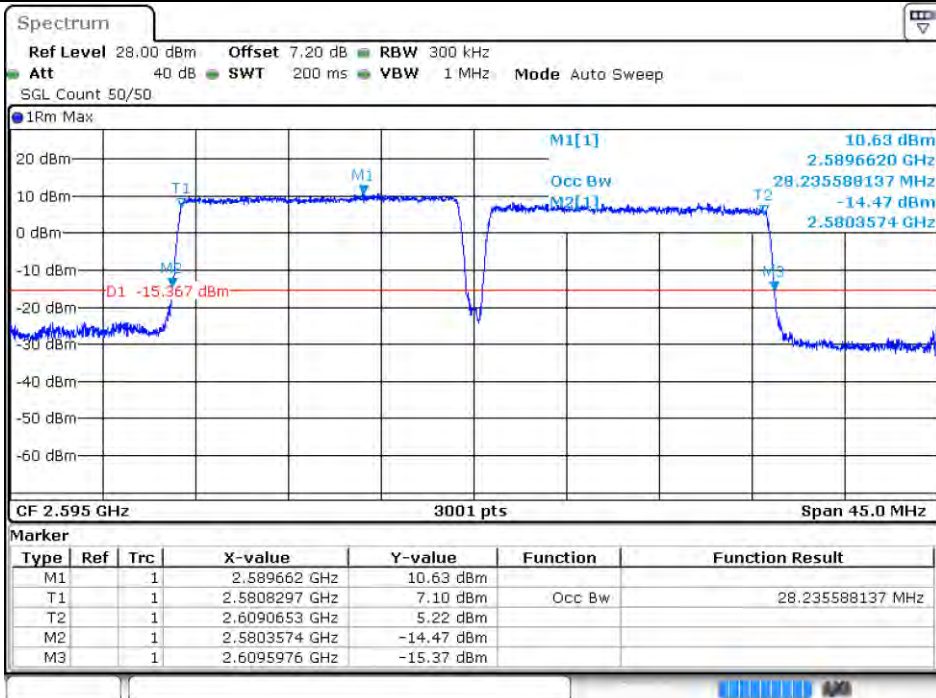


CA 38C 15MHz+15MHz 16QAM 37825+37975 75RB#0+75RB#0



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



Date: 20.FEB.2021 10:57:28



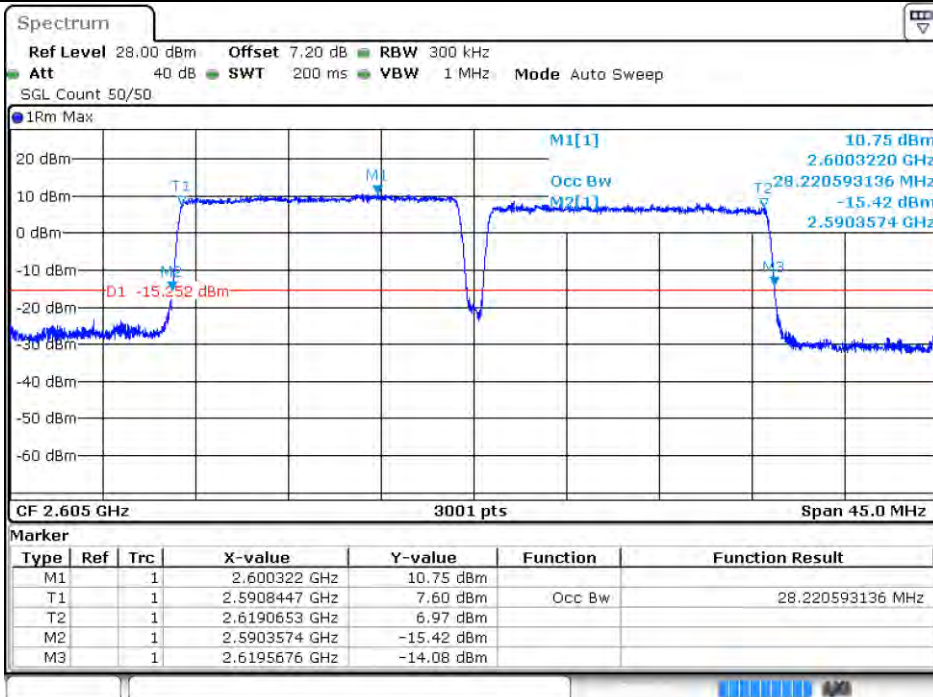
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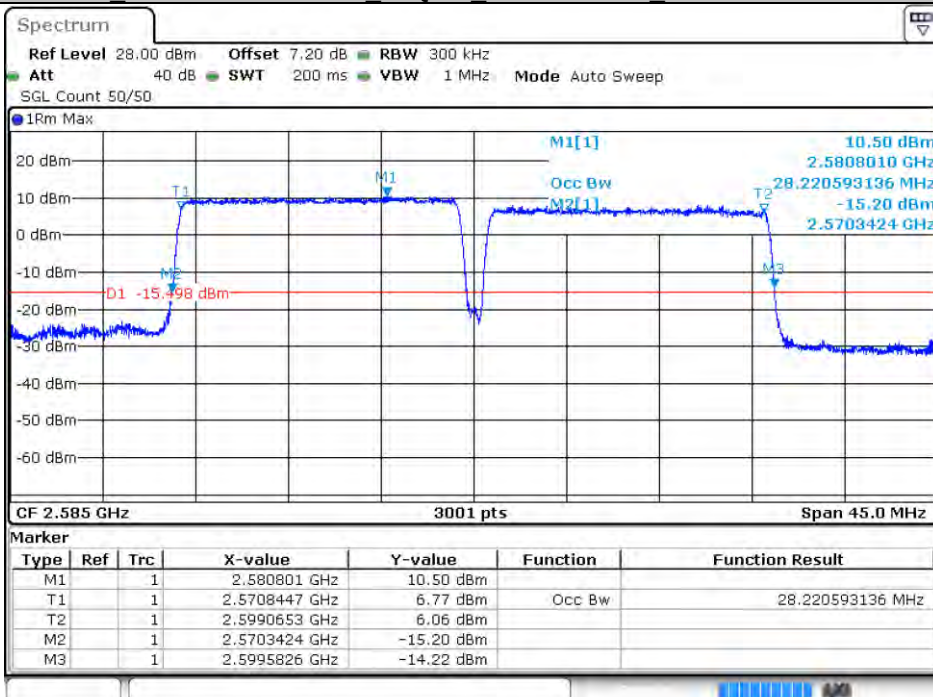
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CA 38C 15MHz+15MHz 16QAM 38025+38175 75RB#0+75RB#0



Date: 20.FEB.2021 10:58:25

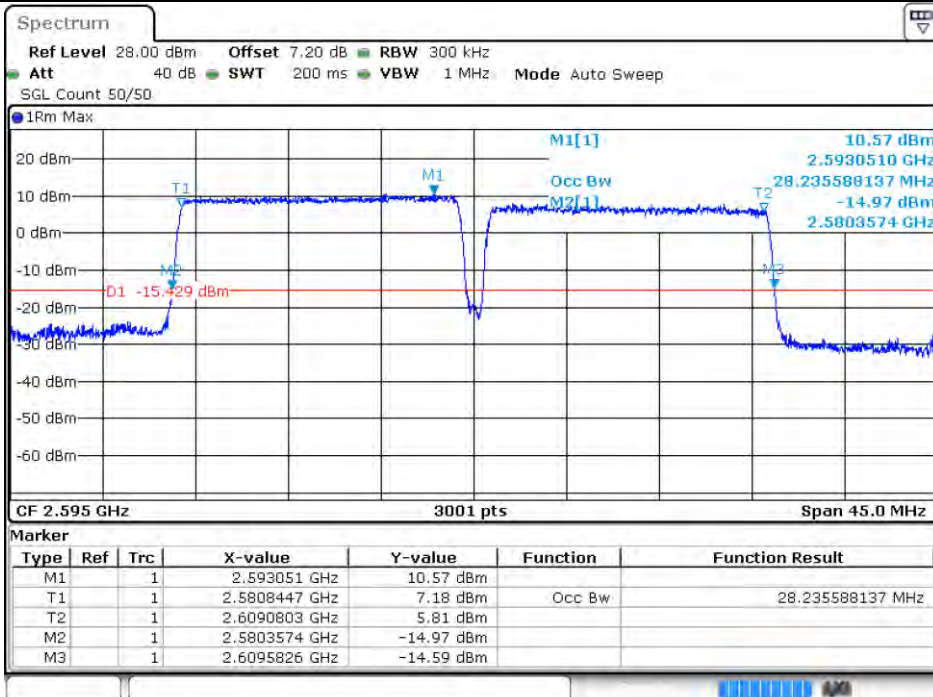
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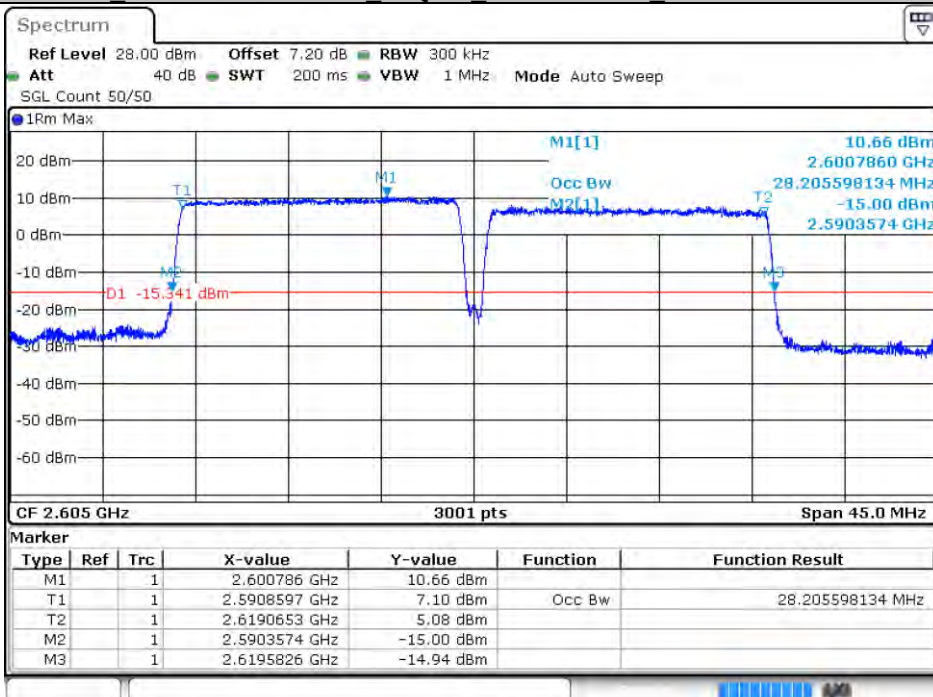


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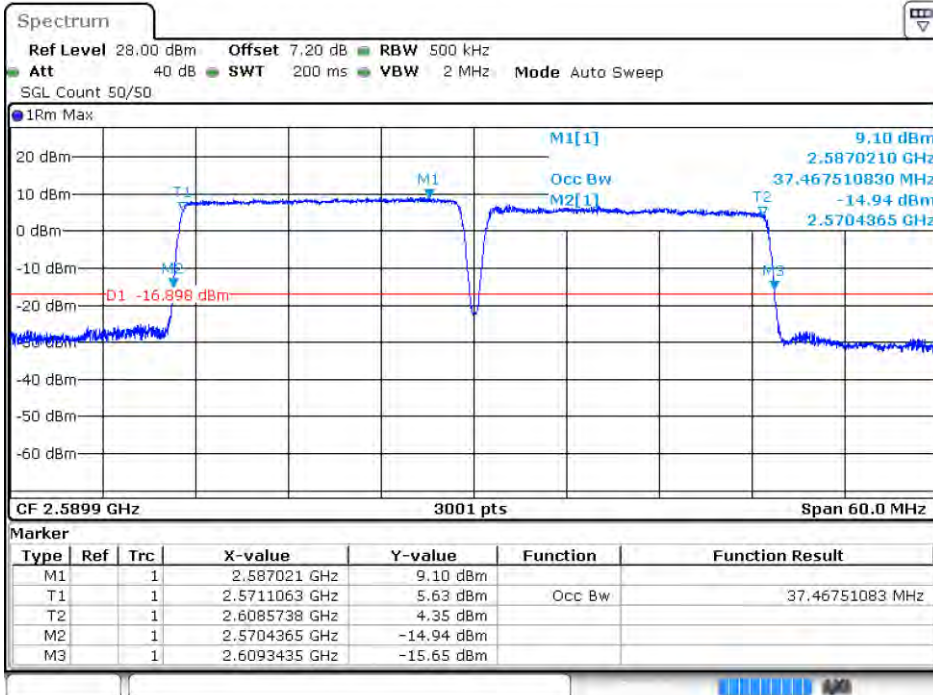
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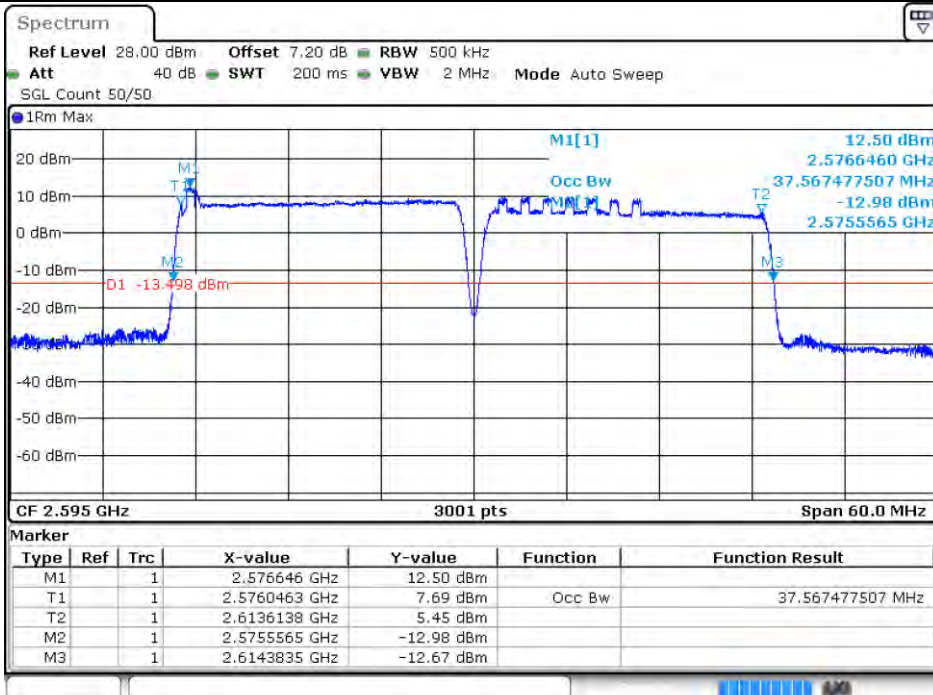


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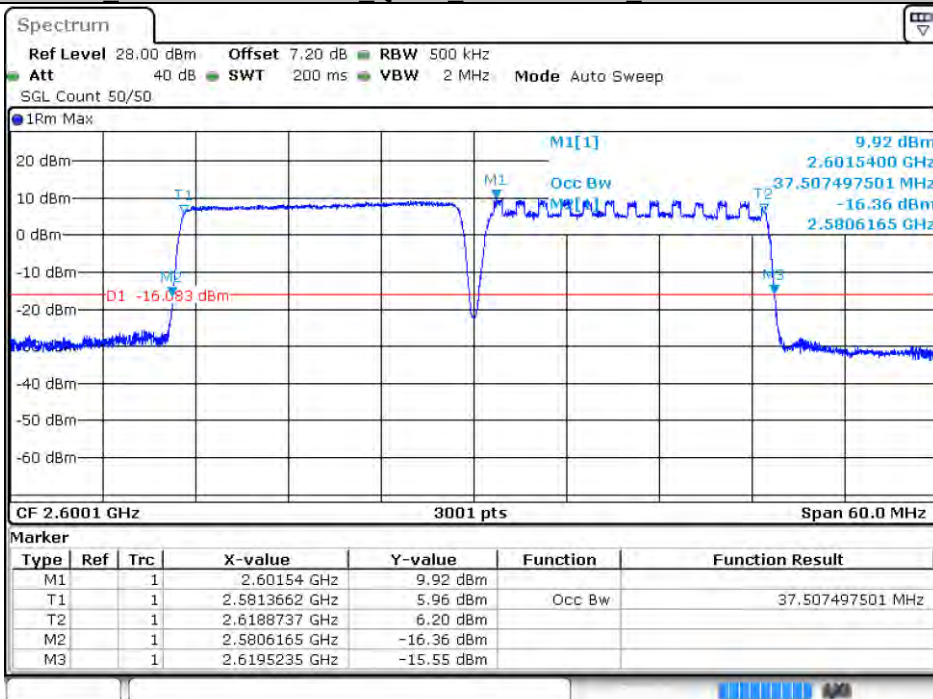
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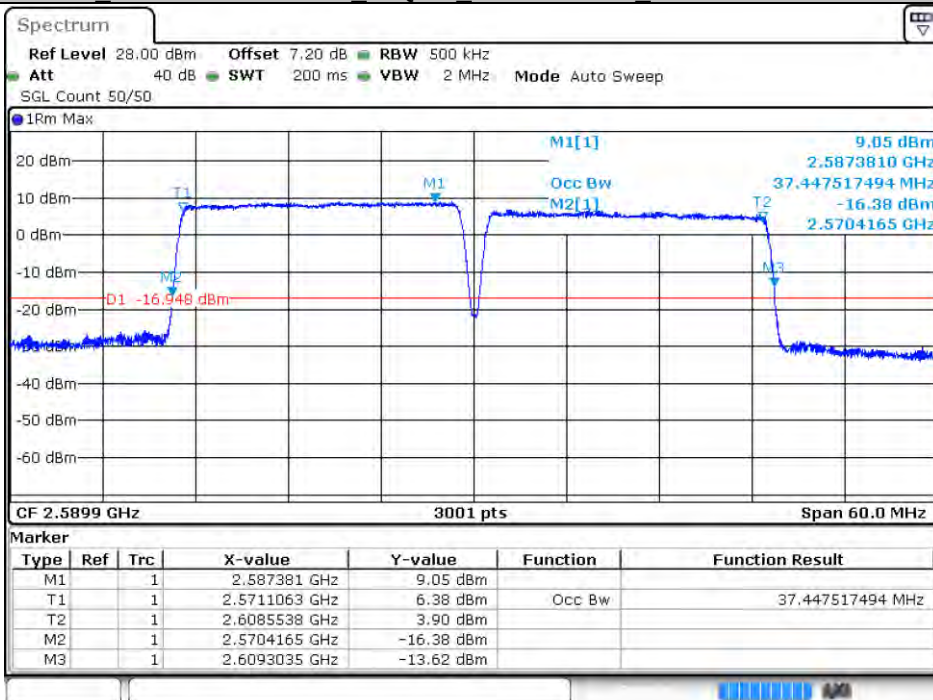


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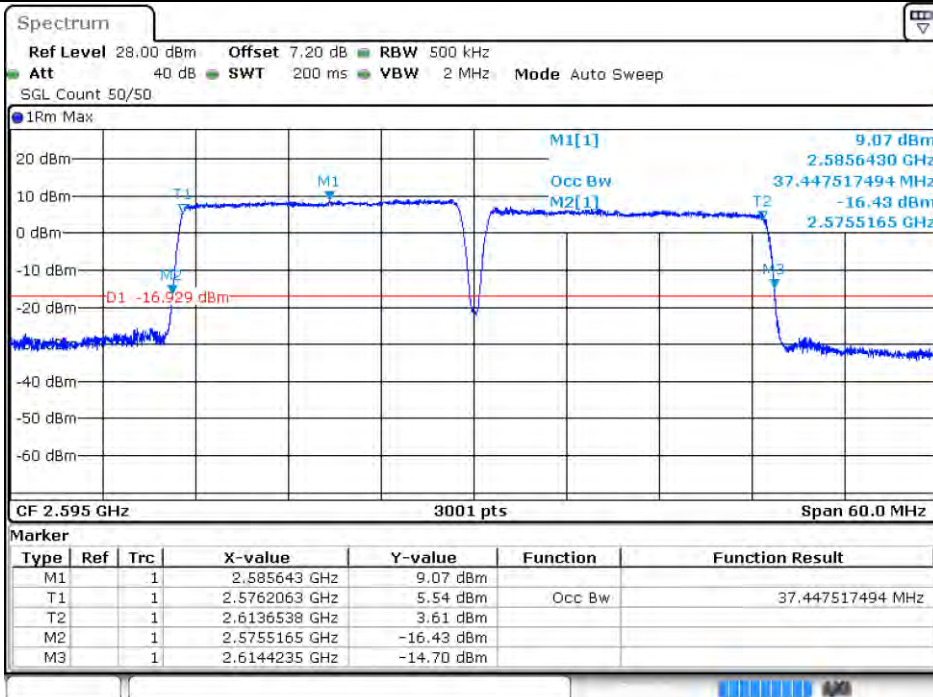
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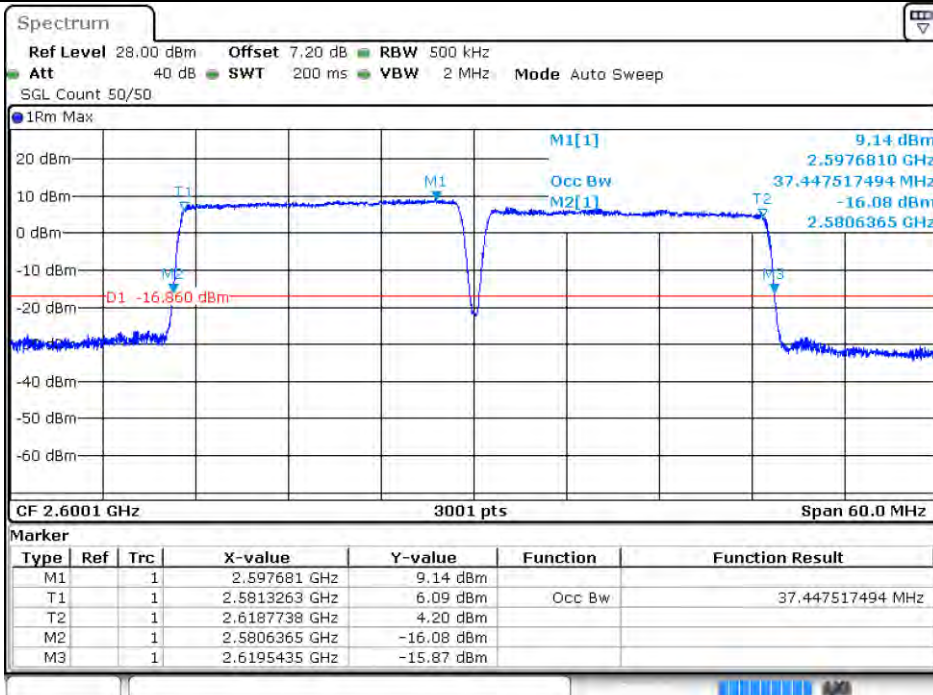


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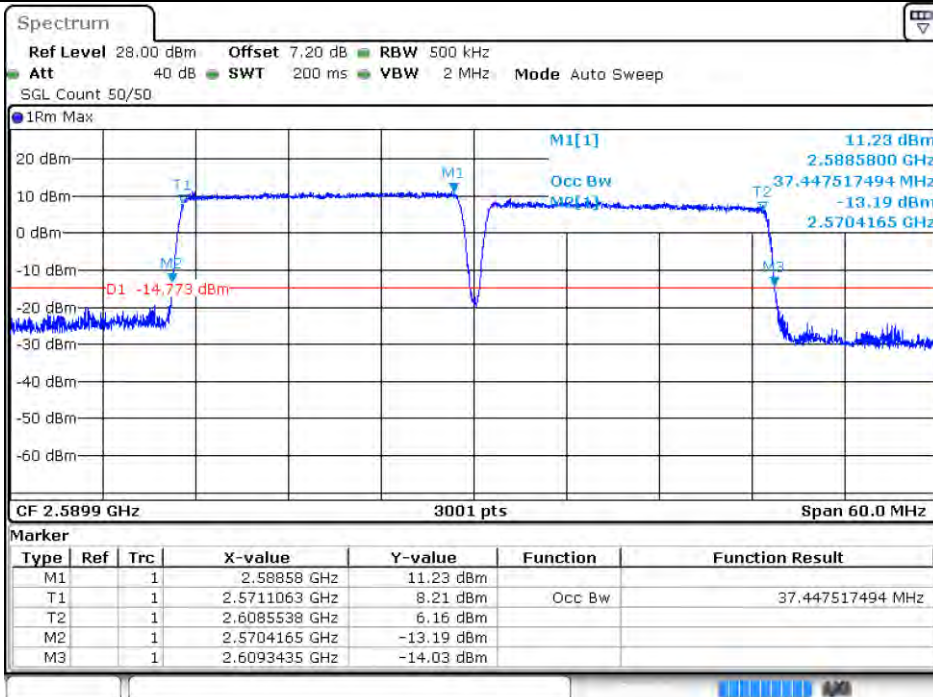
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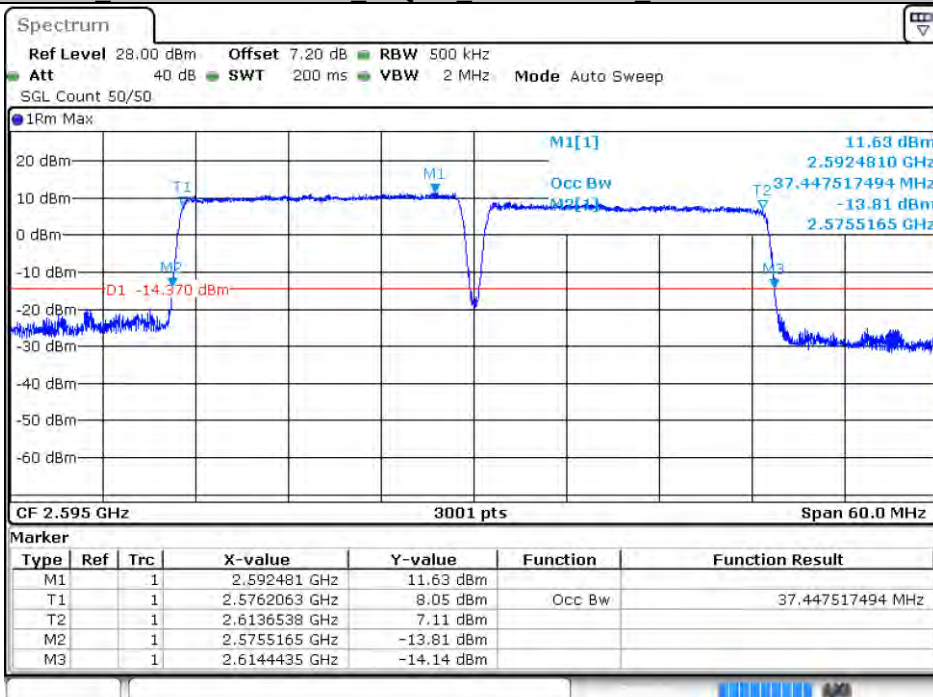


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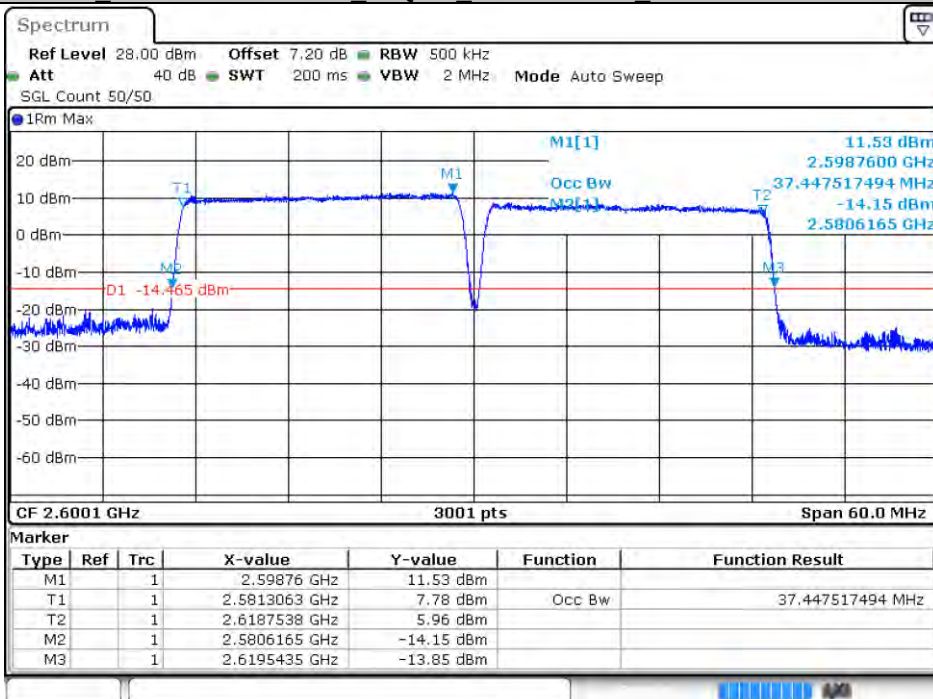
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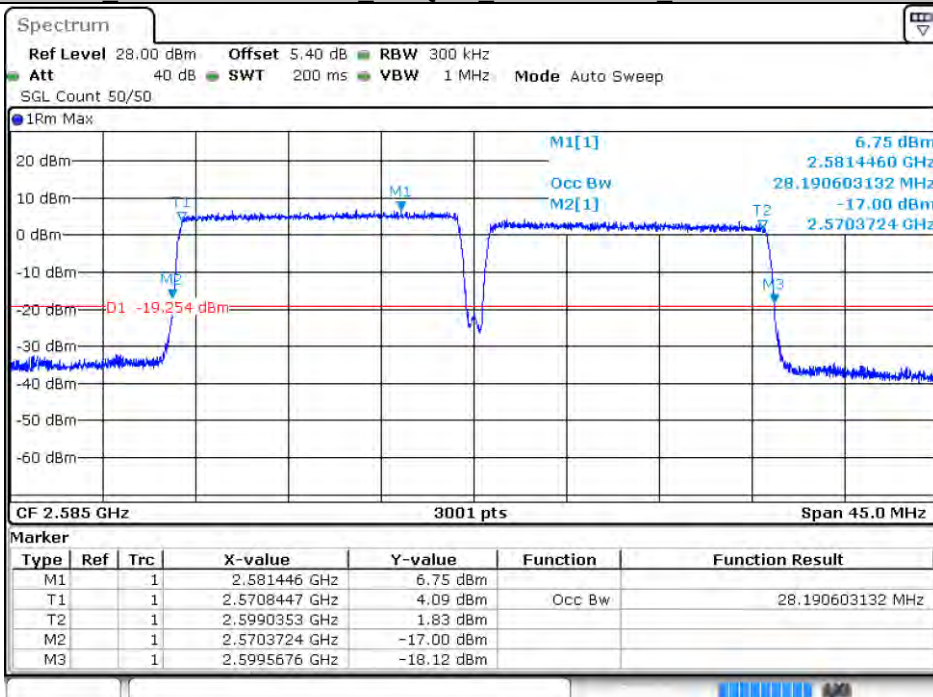


CA 38C 20MHz+20MHz 64QAM 37952+38150 100RB#0+100RB#0



Date: 20.FEB.2021 11:03:06

CA 38C 15MHz+15MHz 256QAM 37825+37975 75RB#0+75RB#0



Date: 26.FEB.2021 21:07:11

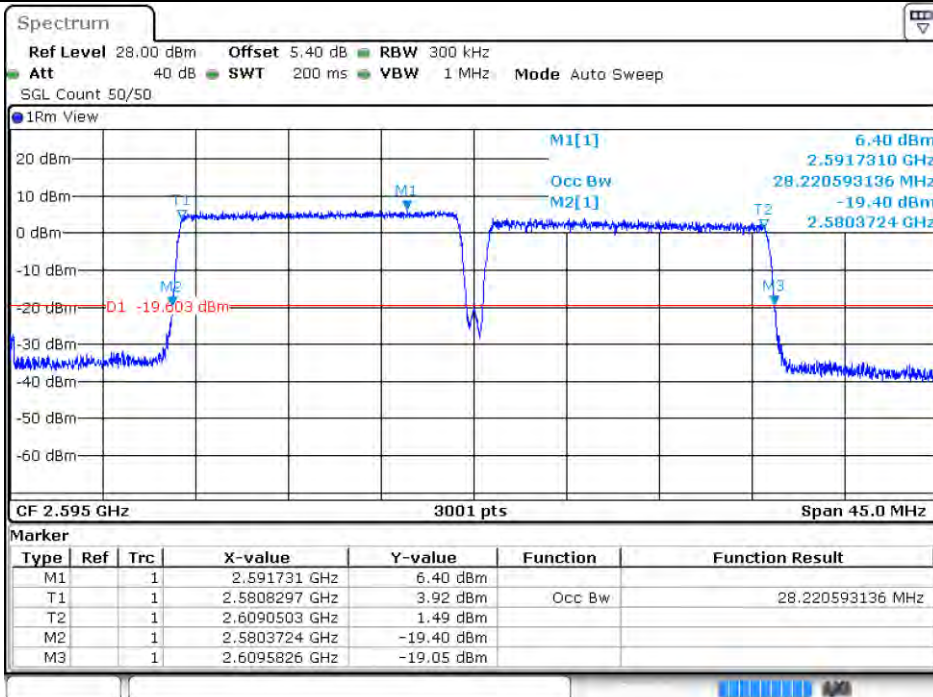


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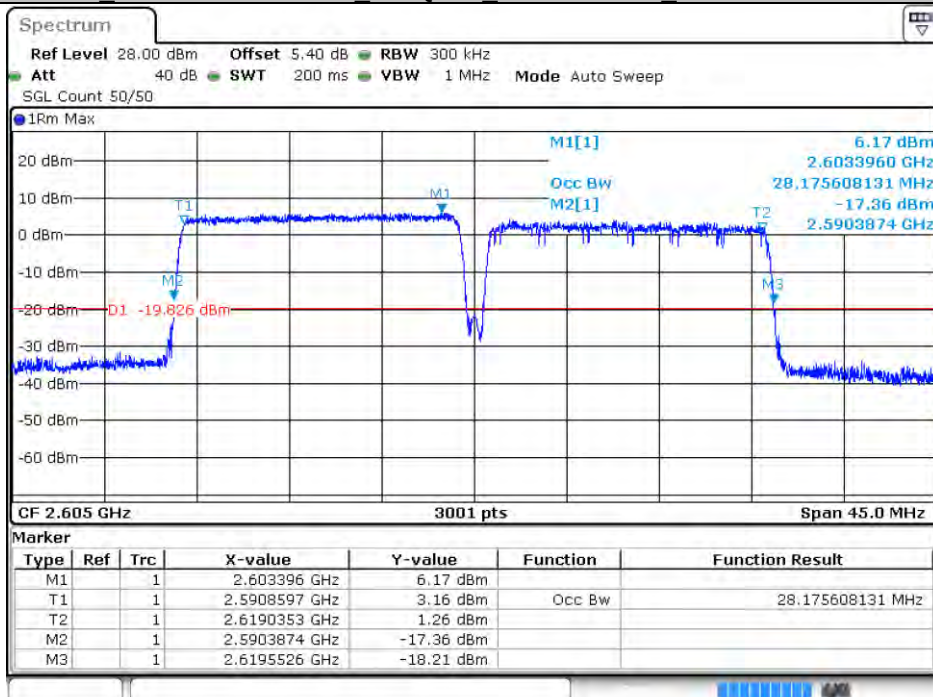
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CA 38C 15MHz+15MHz 256QAM 37925+38075 75RB#0+75RB#0



Date: 26.FEB.2021 21:07:49

CA 38C 15MHz+15MHz 256QAM 38025+38175 75RB#0+75RB#0



Date: 26.FEB.2021 21:08:17

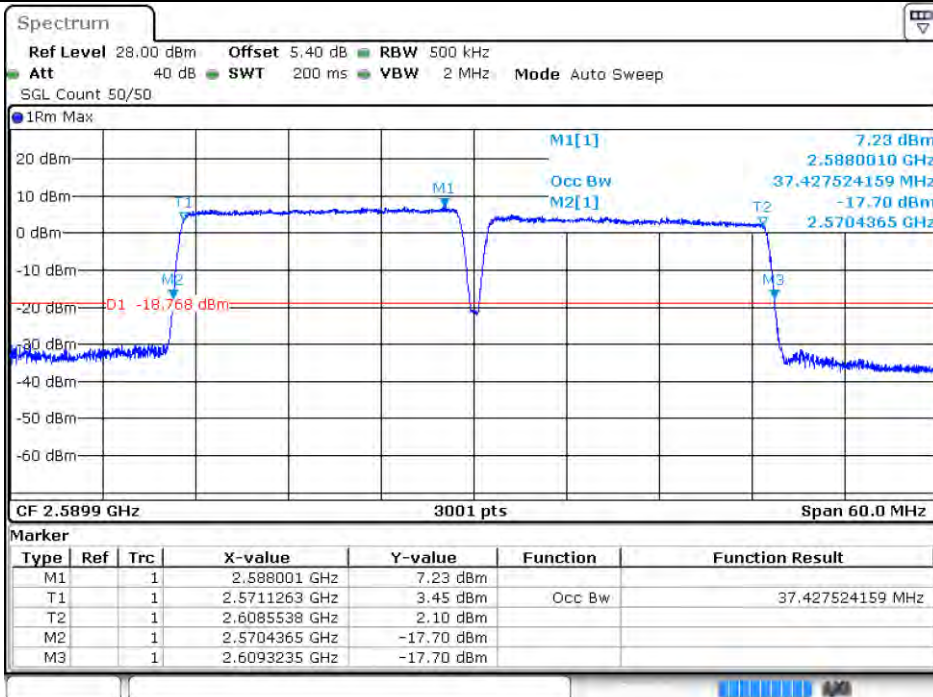


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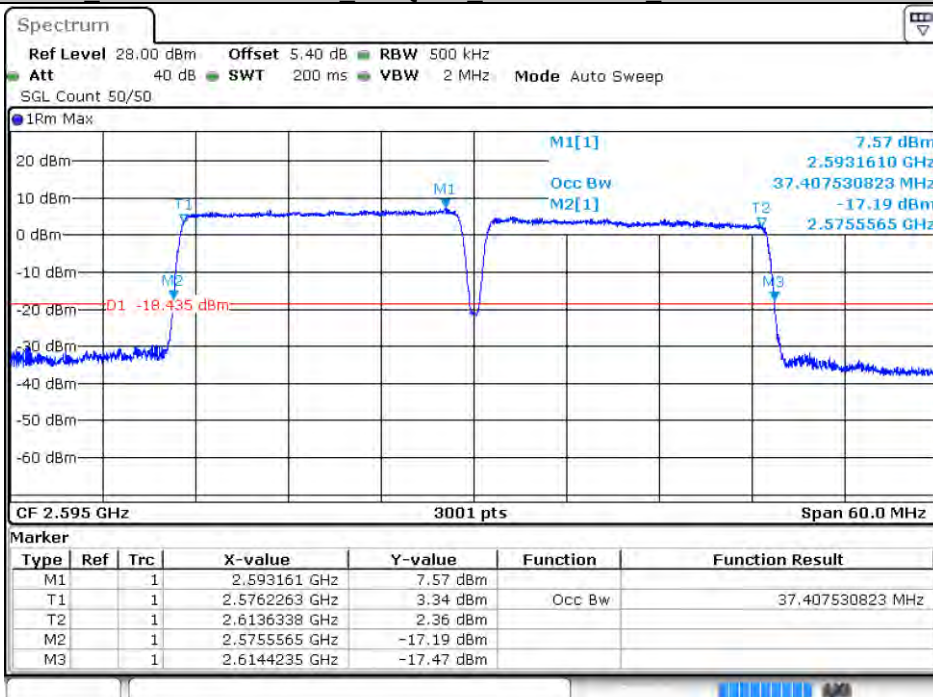
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CA 38C 20MHz+20MHz 256QAM 37850+38048 100RB#0+100RB#0



Date: 26.FEB.2021 21:09:00

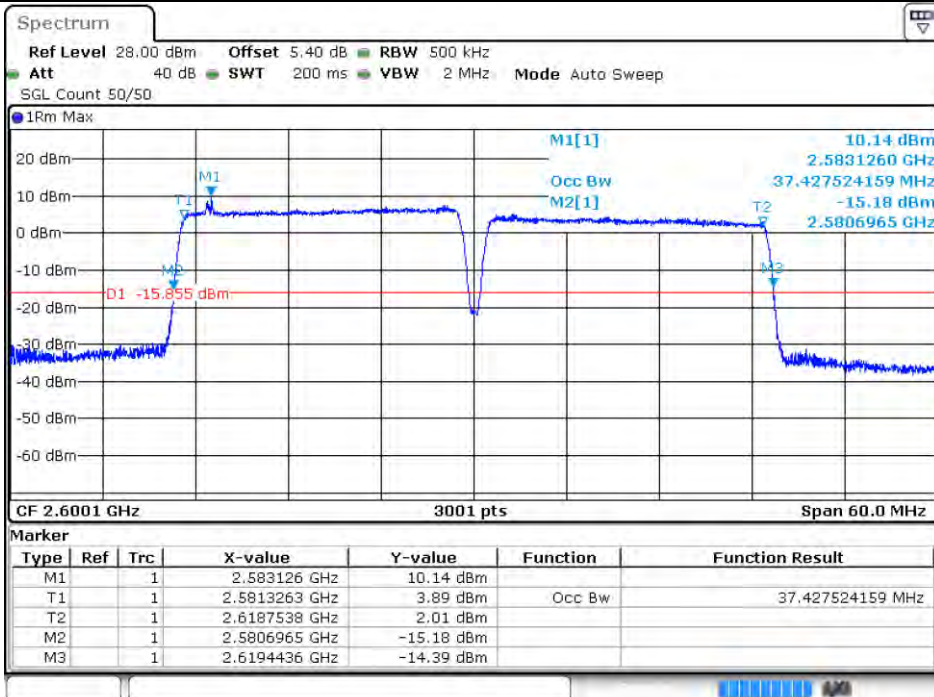
CA 38C 20MHz+20MHz 256QAM 37901+38099 100RB#0+100RB#0



Date: 26.FEB.2021 21:09:30



CA 38C 20MHz+20MHz 256QAM 37952+38150 100RB#0+100RB#0



Date: 26.FEB.2021 21:09:59



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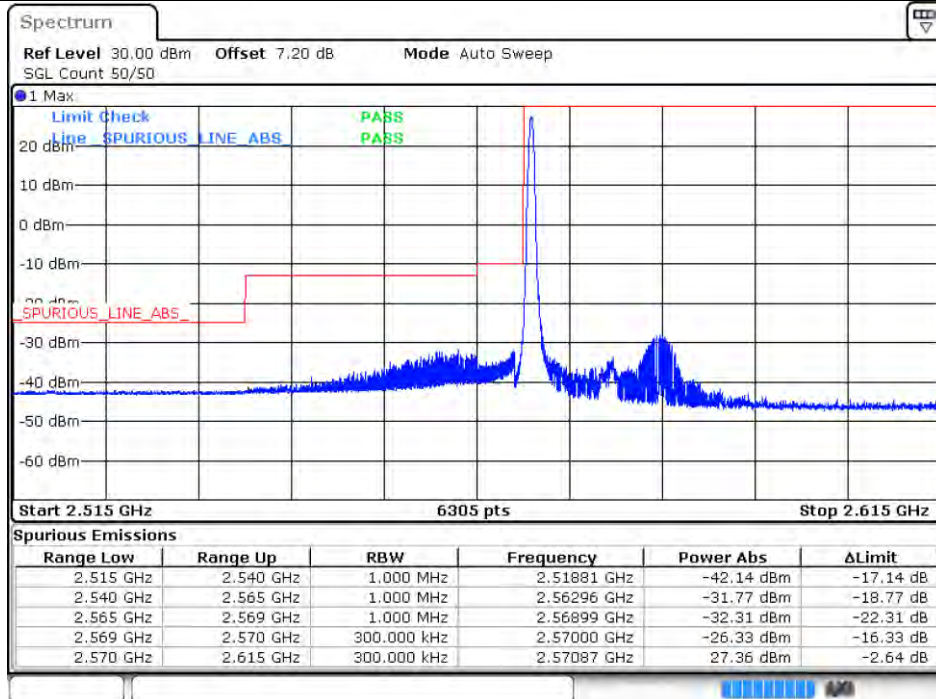


5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_38C

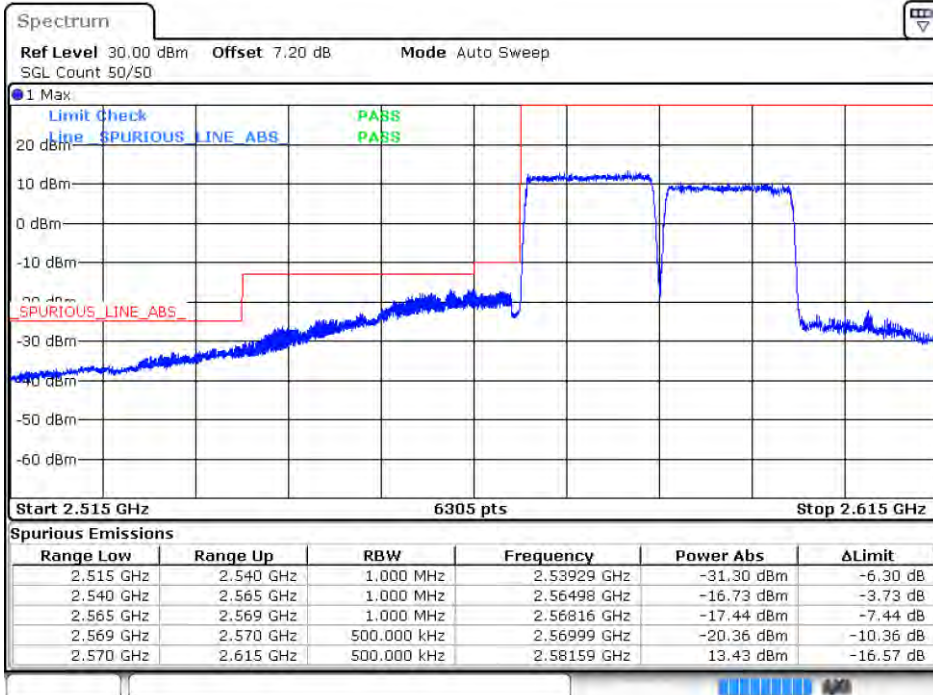
CA_38C 75RB+75RB QPSK 37825+37975 1RB#0+0RB#0



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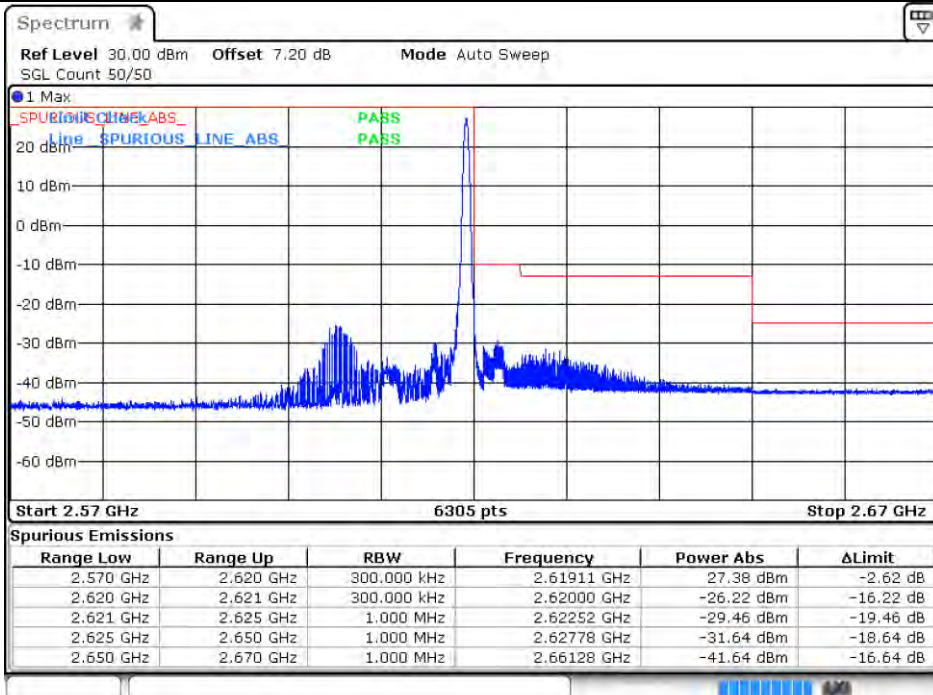


CA 38C 75RB+75RB QPSK 37825+37975 75RB#0+75RB#0



Date: 20.FEB.2021 11:05:53

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



Date: 20.FEB.2021 11:08:08



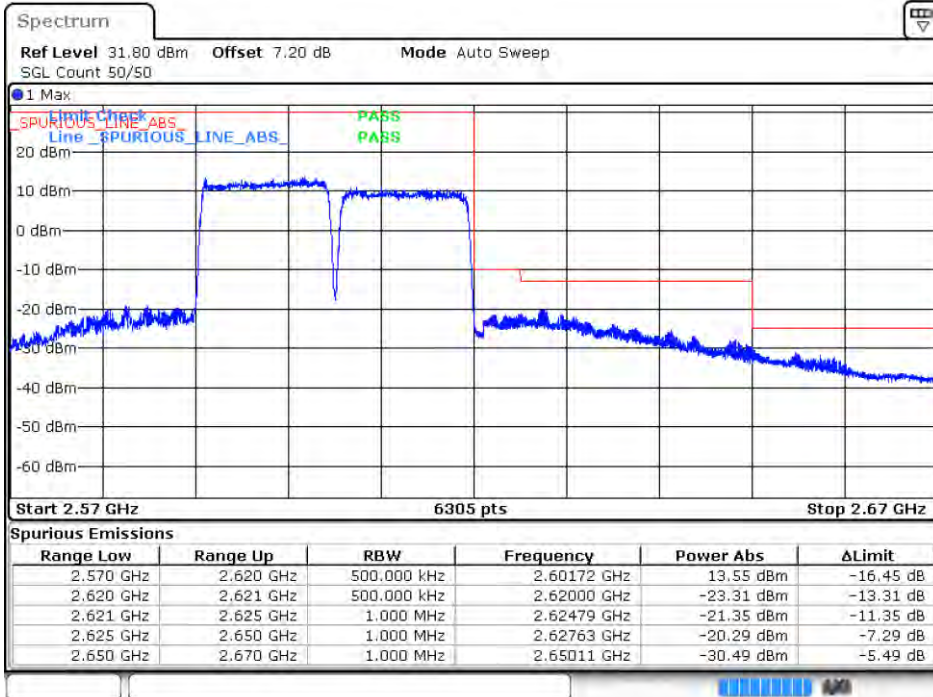
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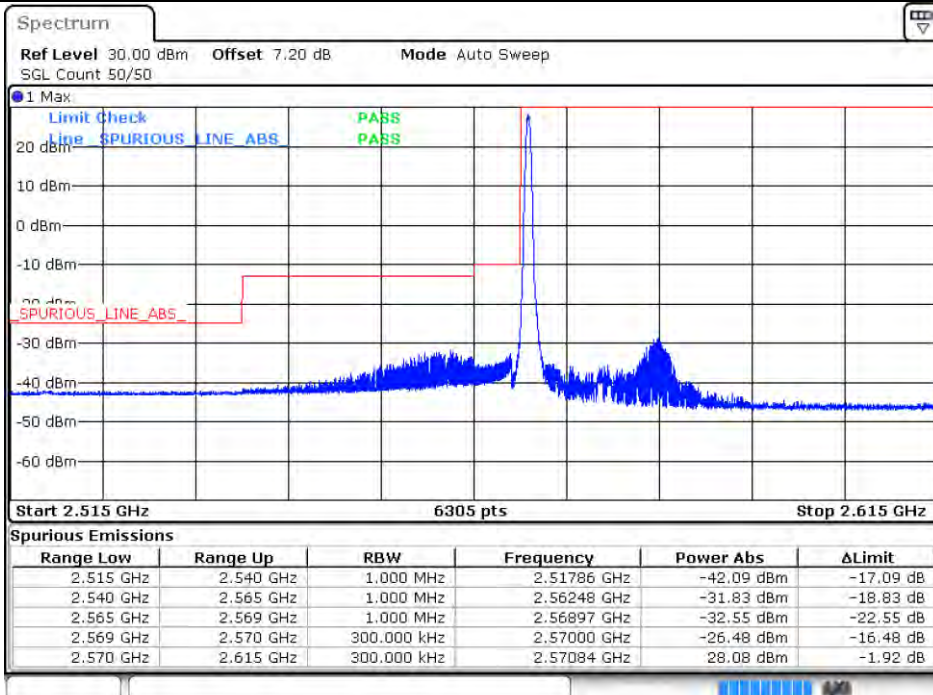
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CA 38C 75RB+75RB QPSK 38025+38175 75RB#0+75RB#0



Date: 20.FEB.2021 11:09:56

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



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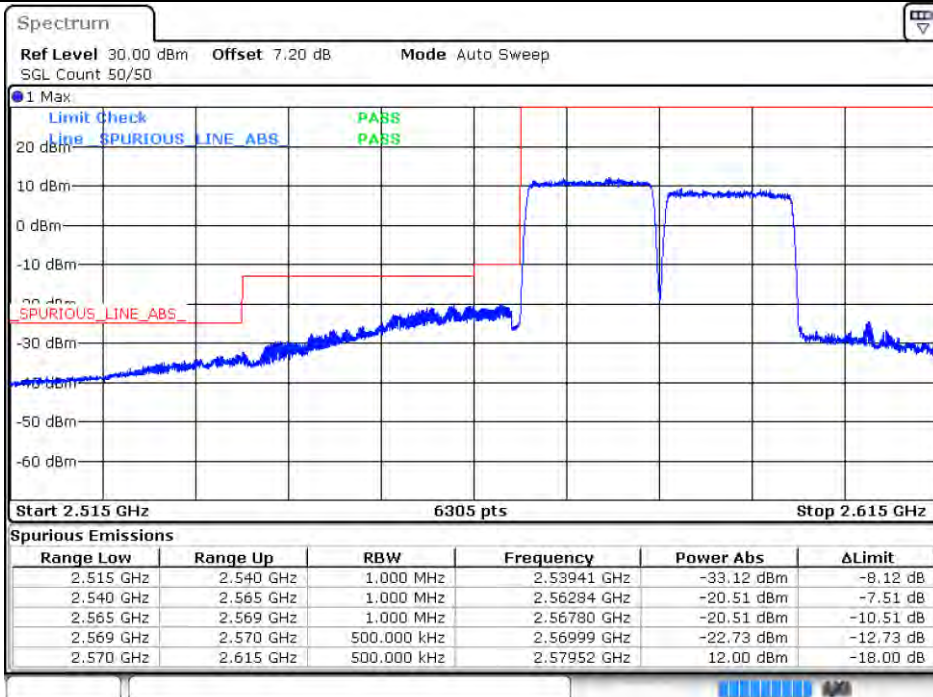


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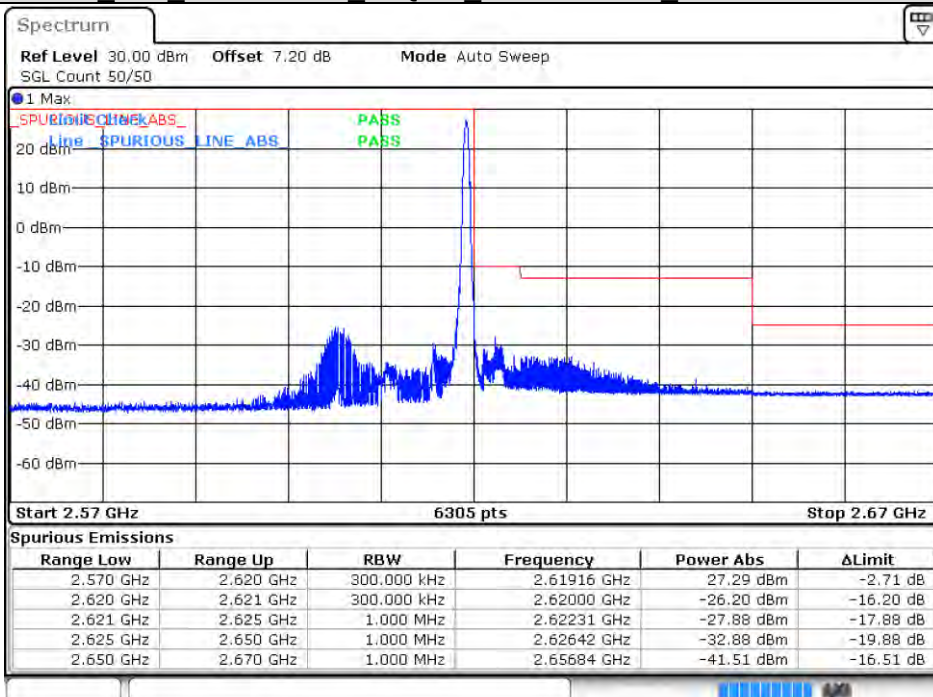
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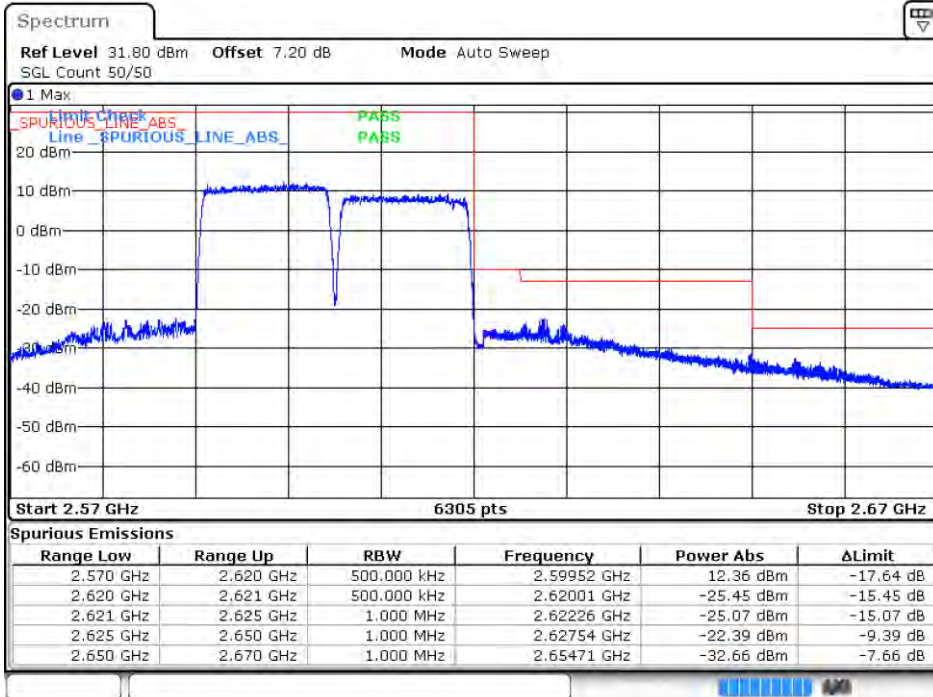
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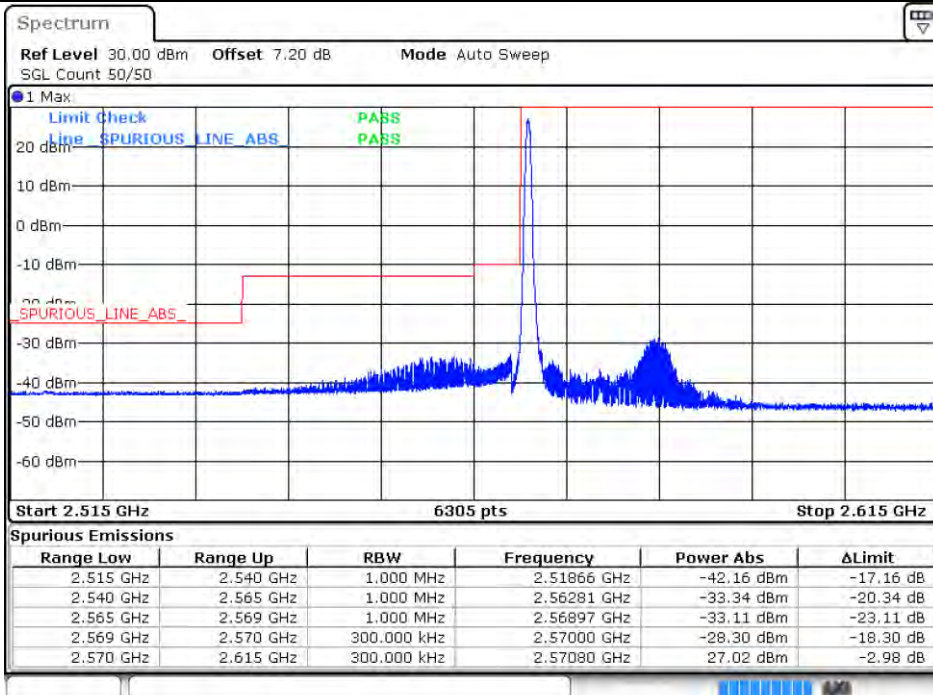
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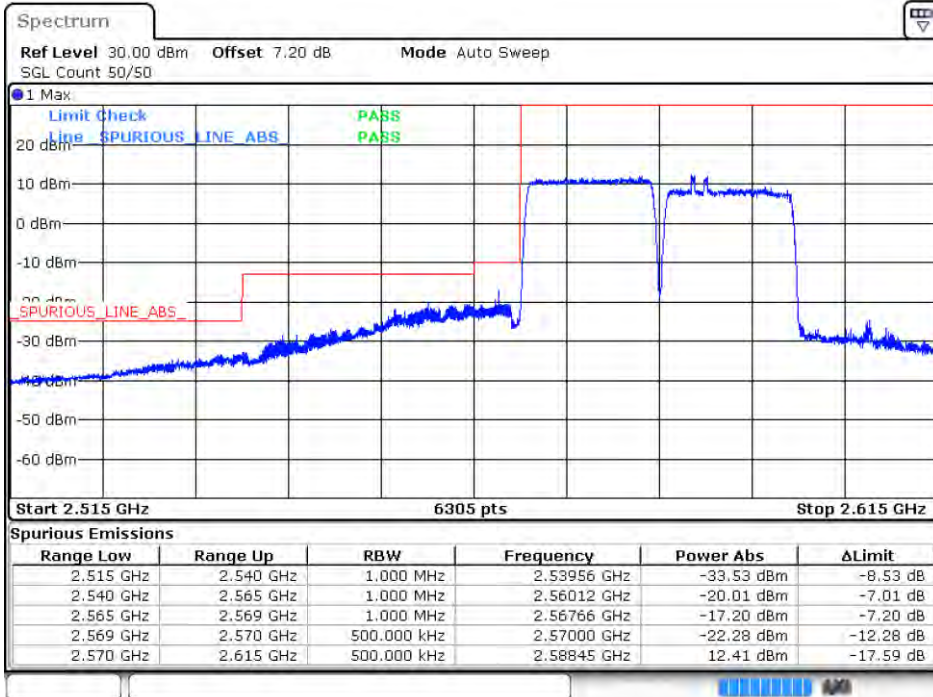
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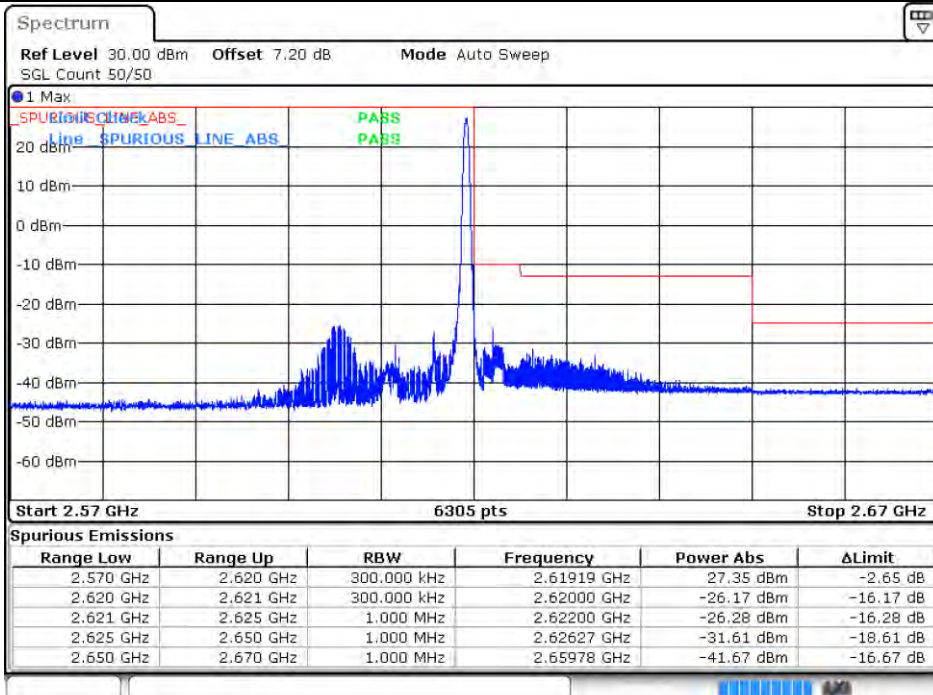


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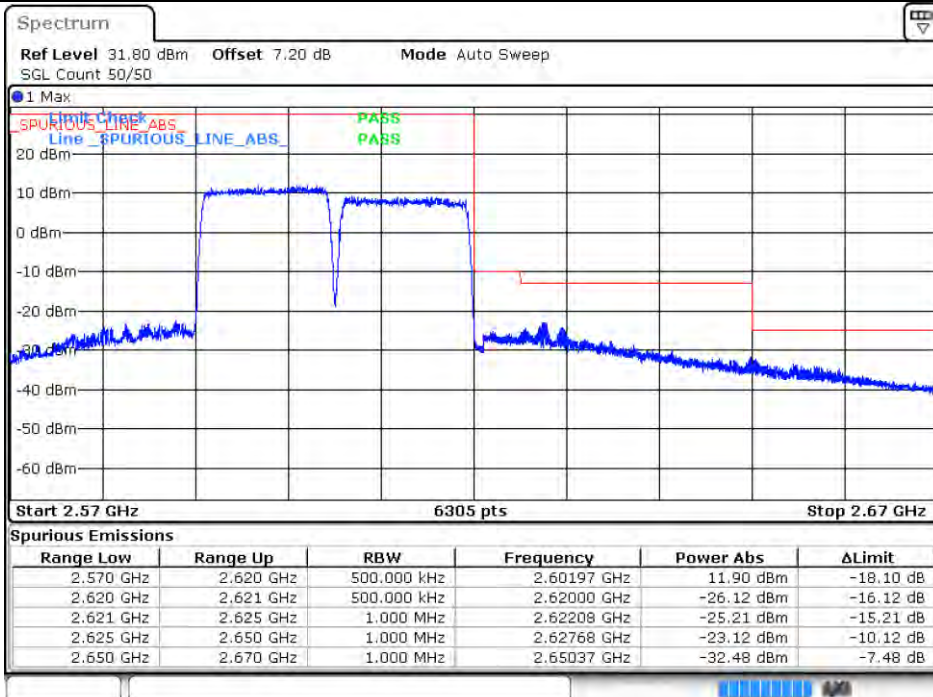
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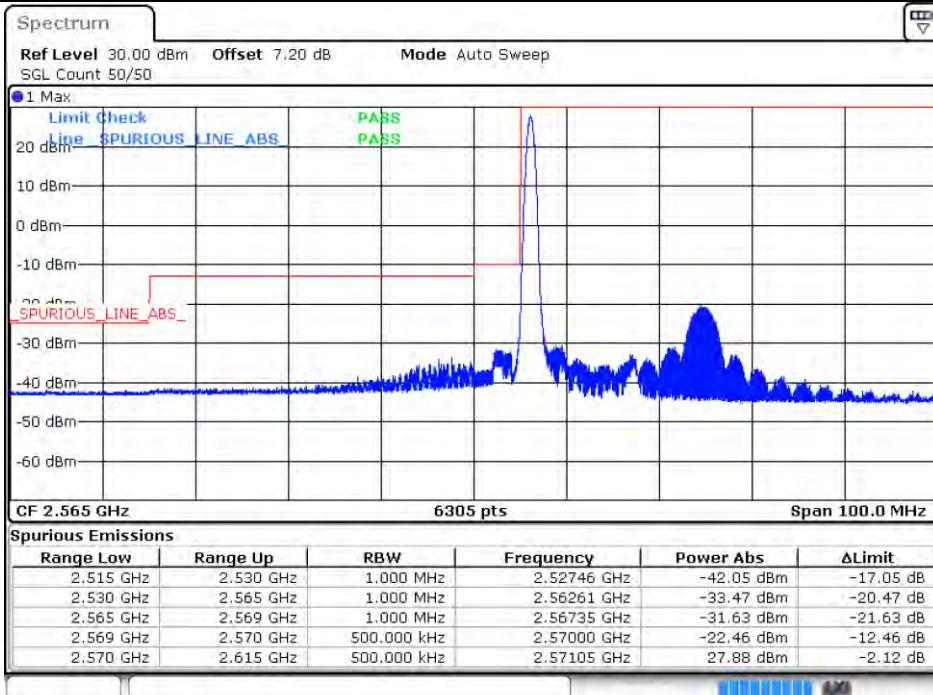
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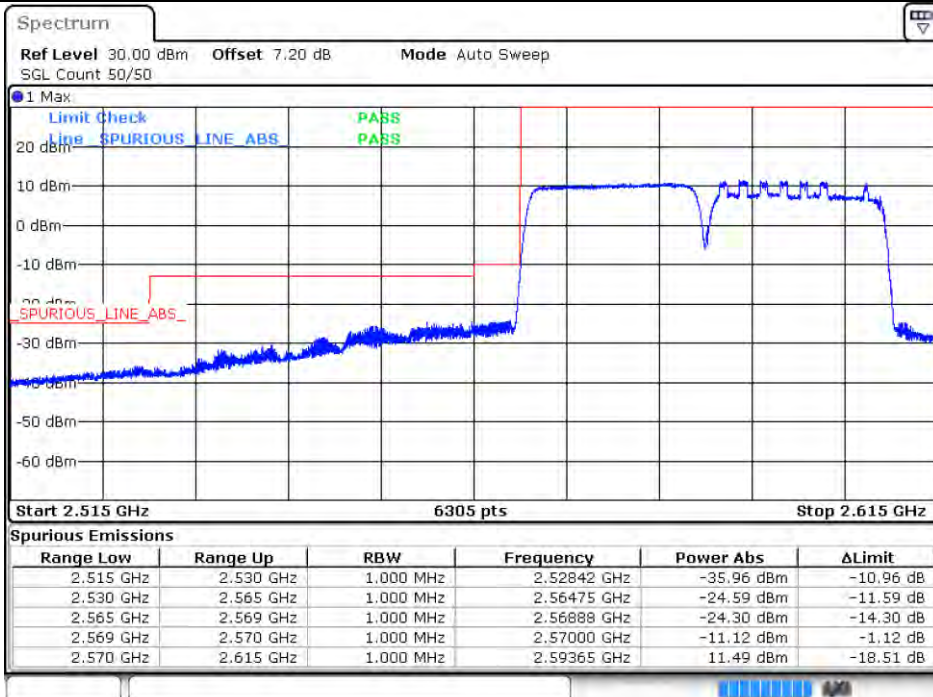
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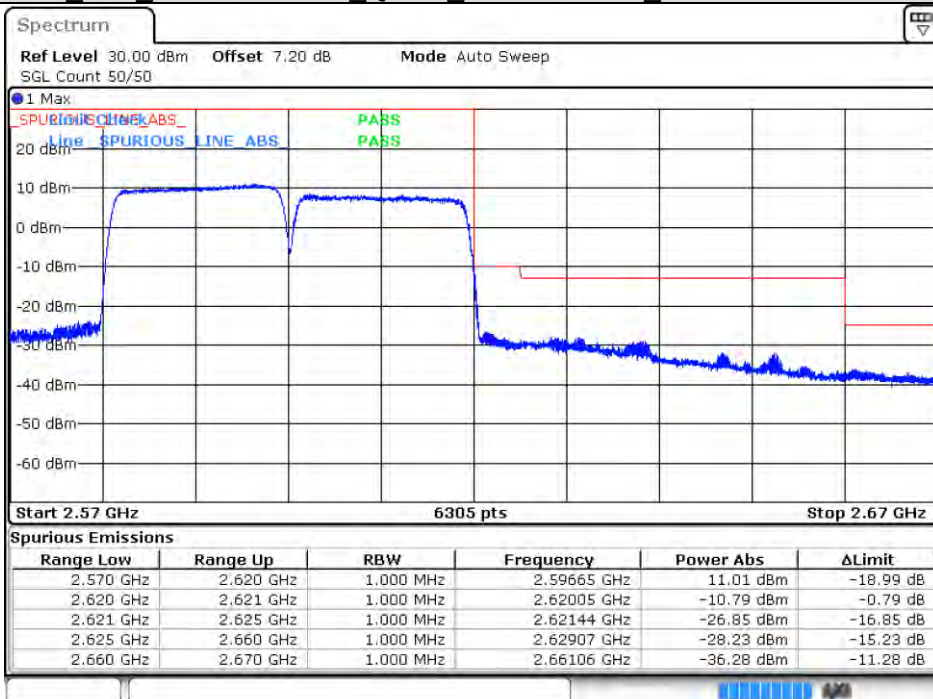
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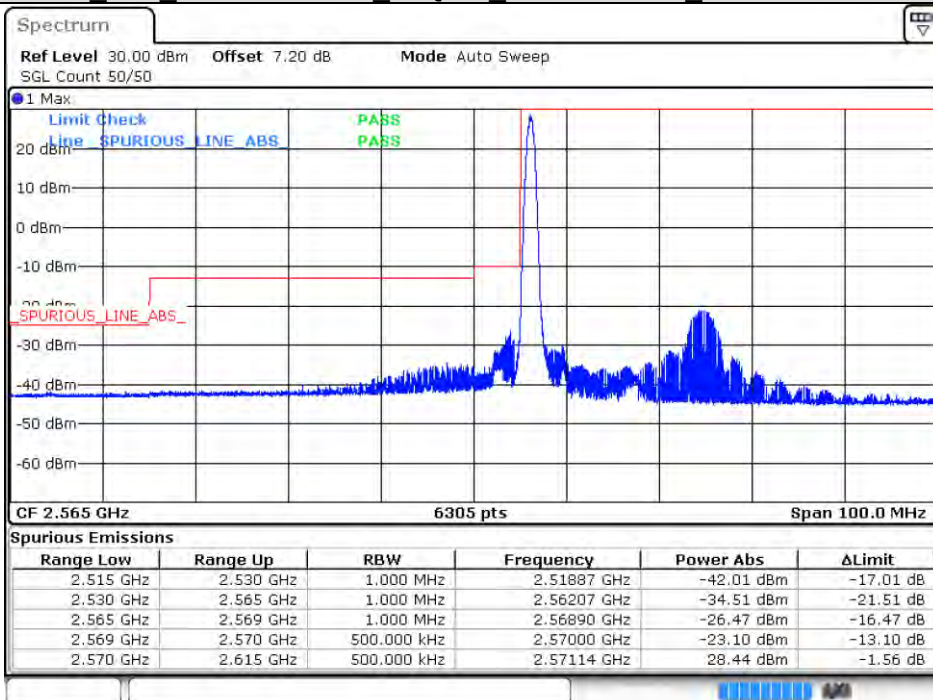
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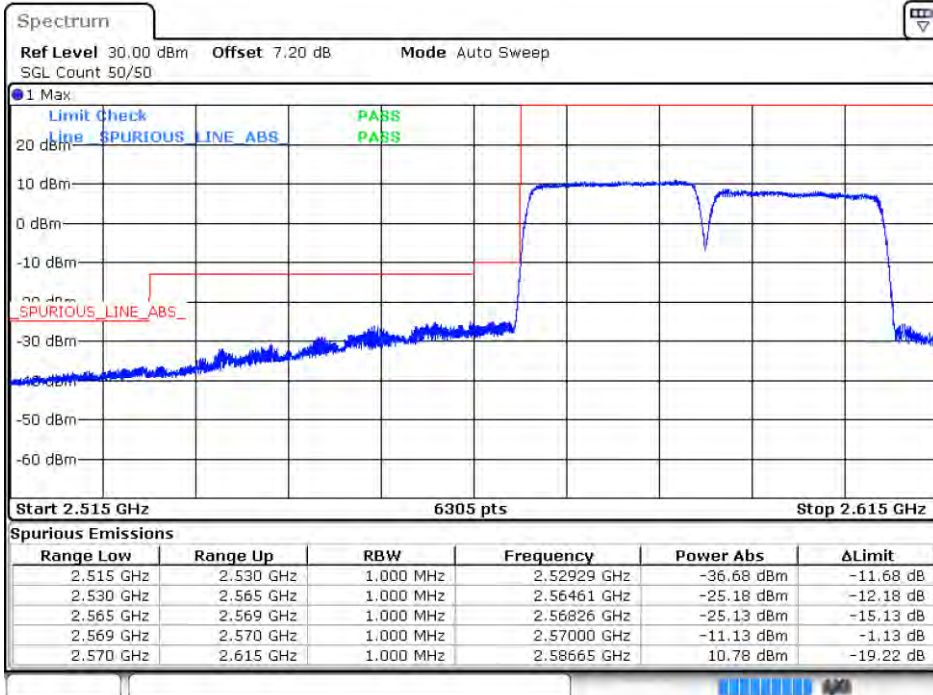
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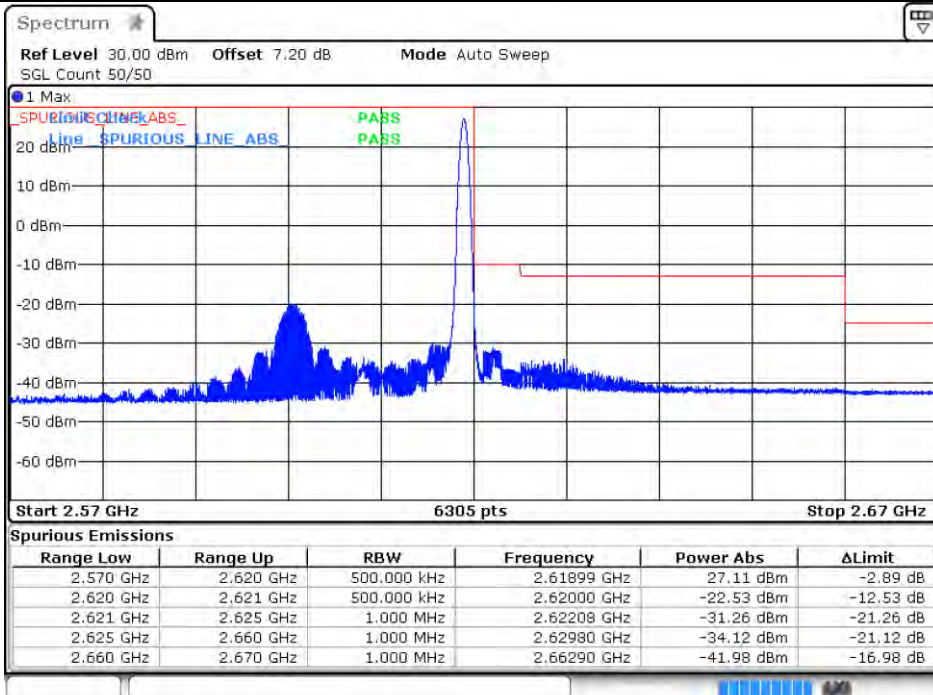
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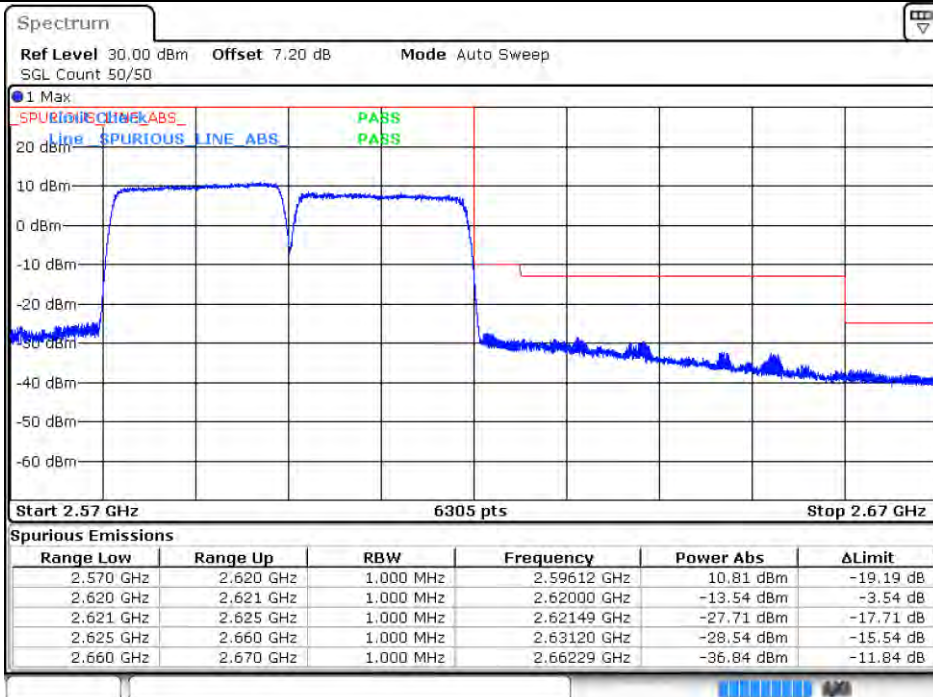
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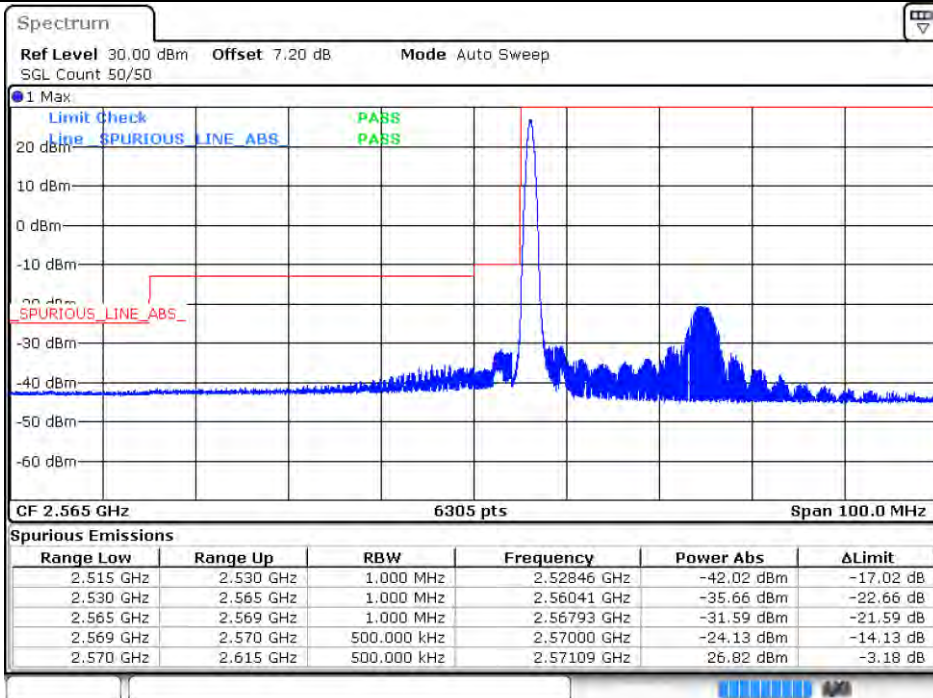
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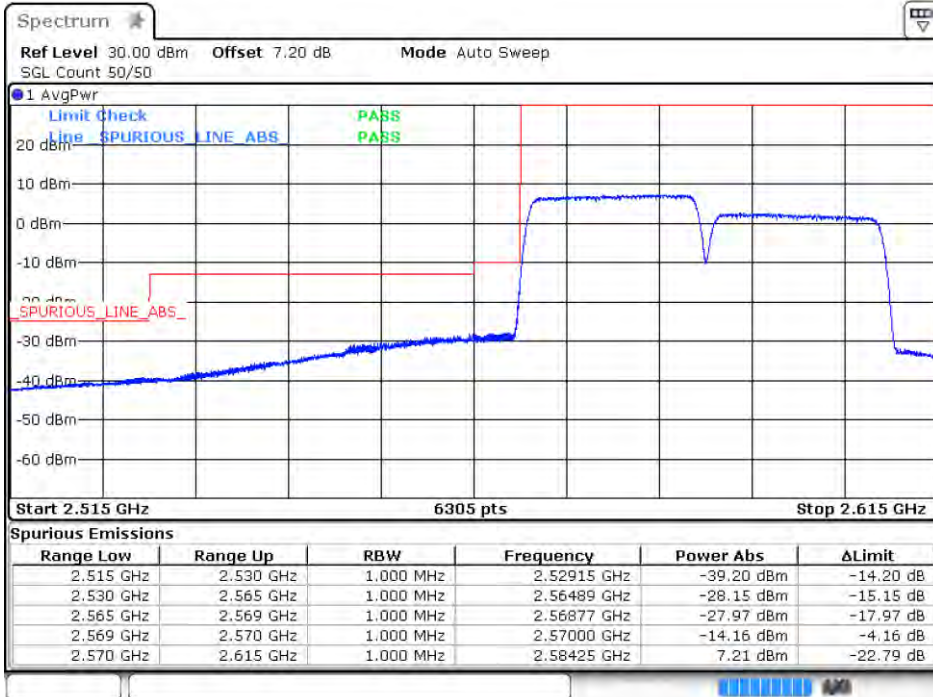


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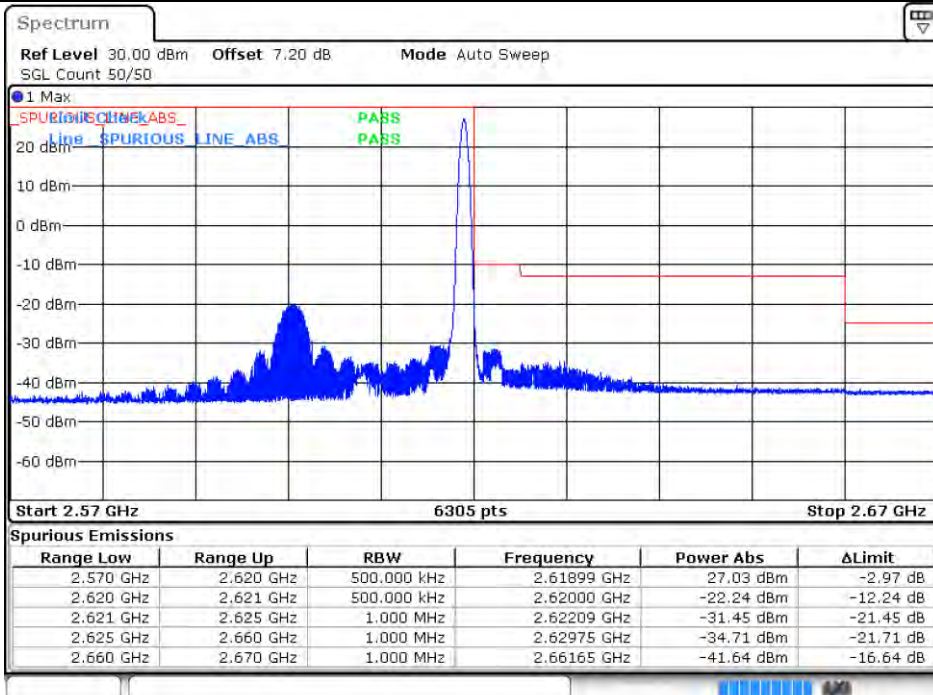
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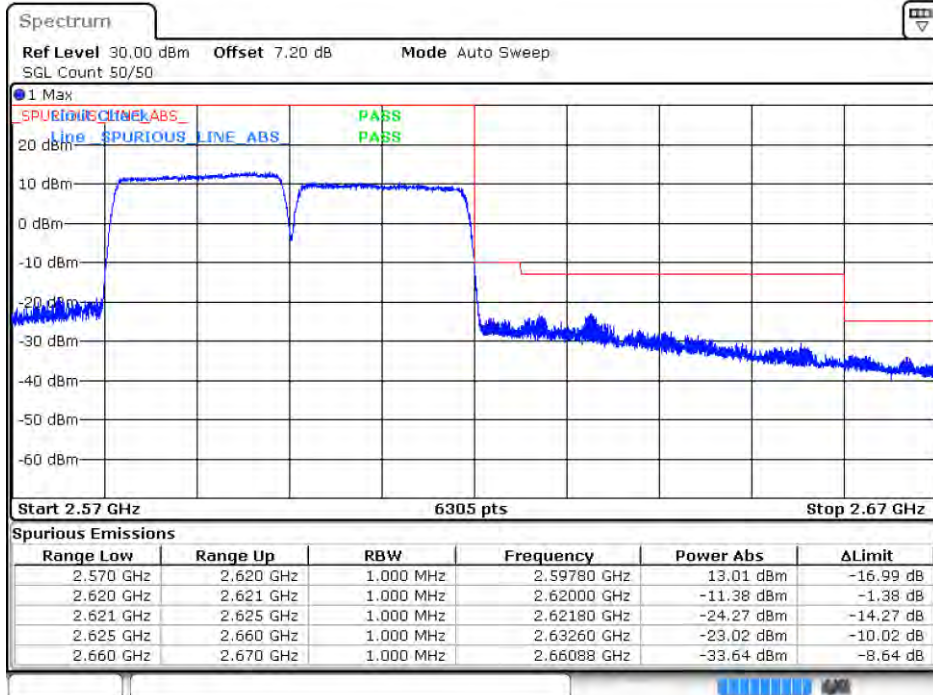
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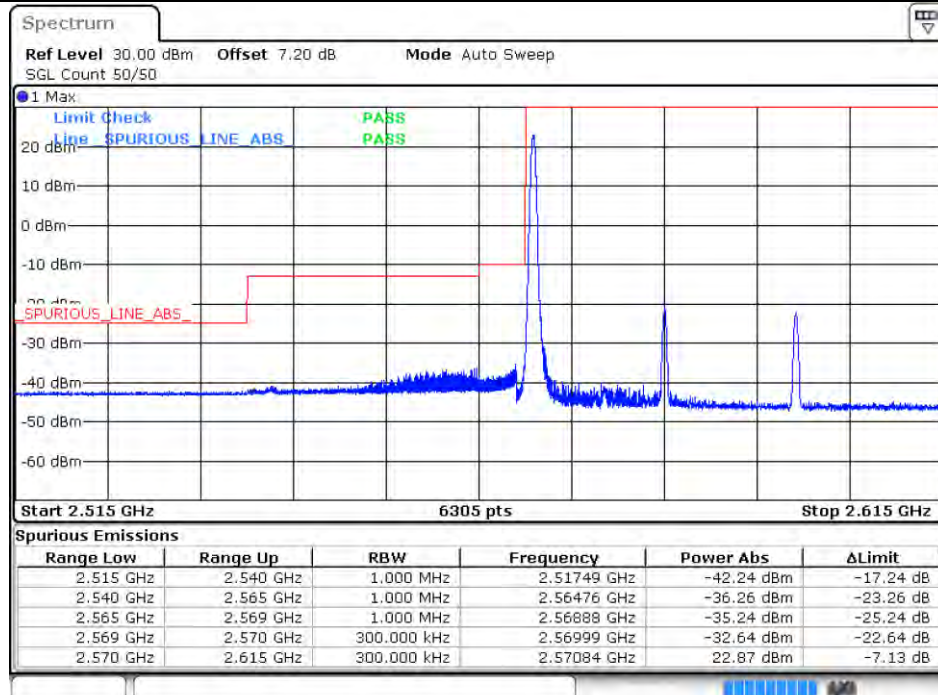


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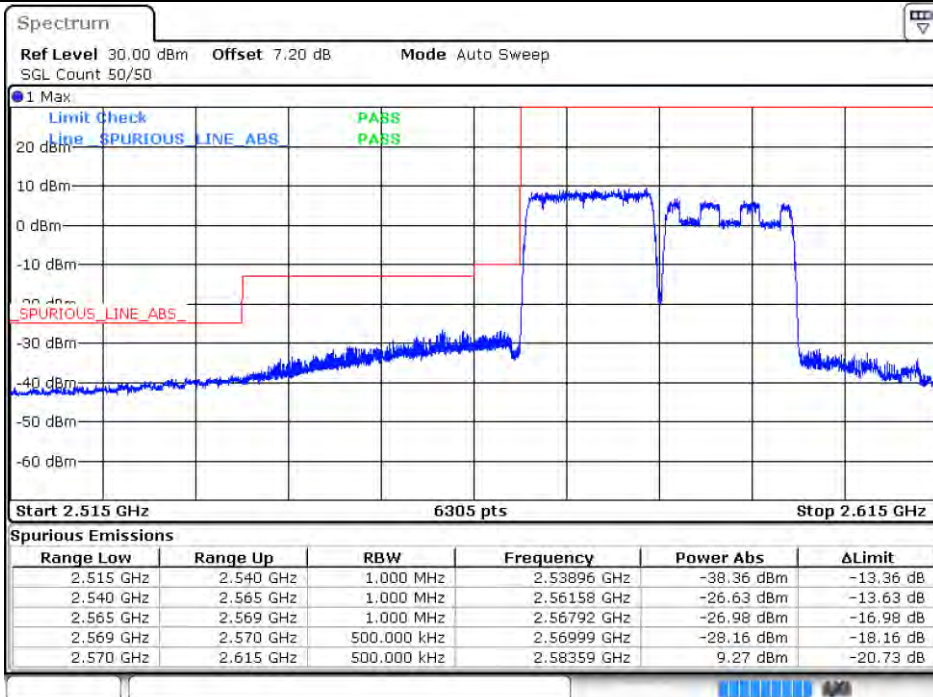
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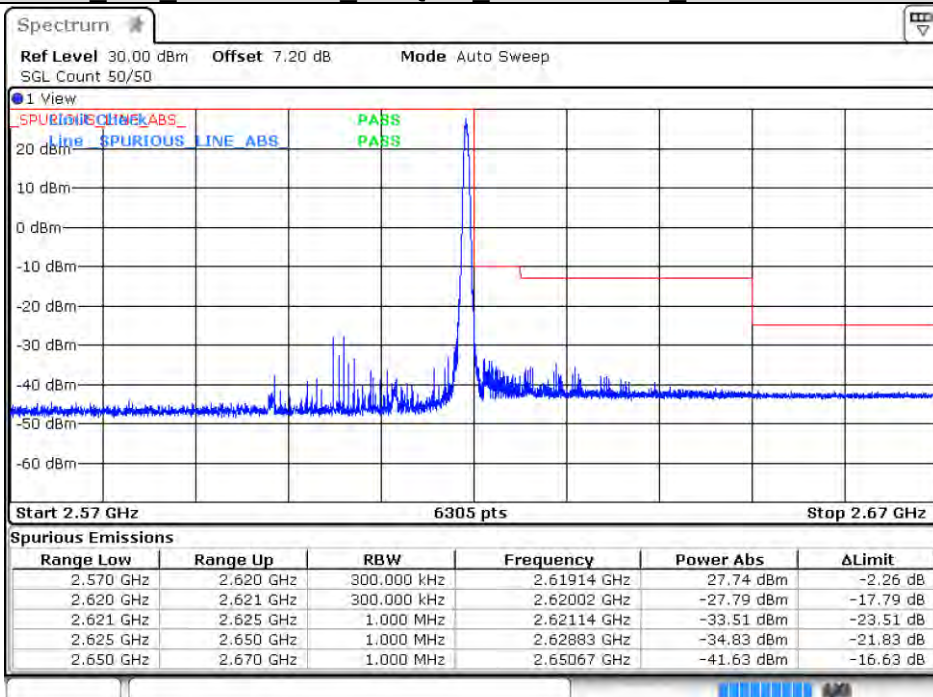
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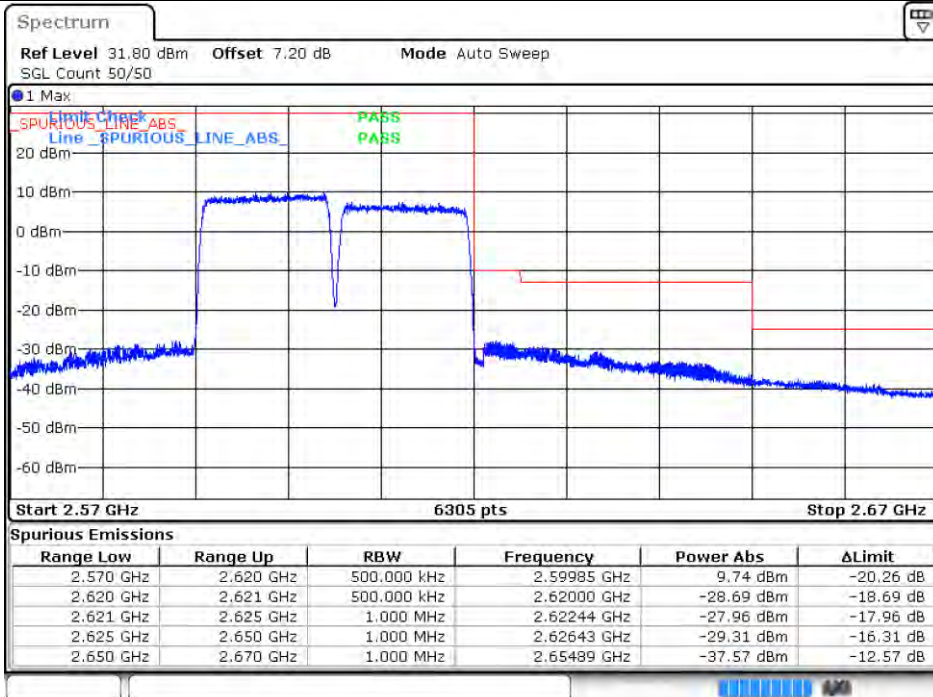
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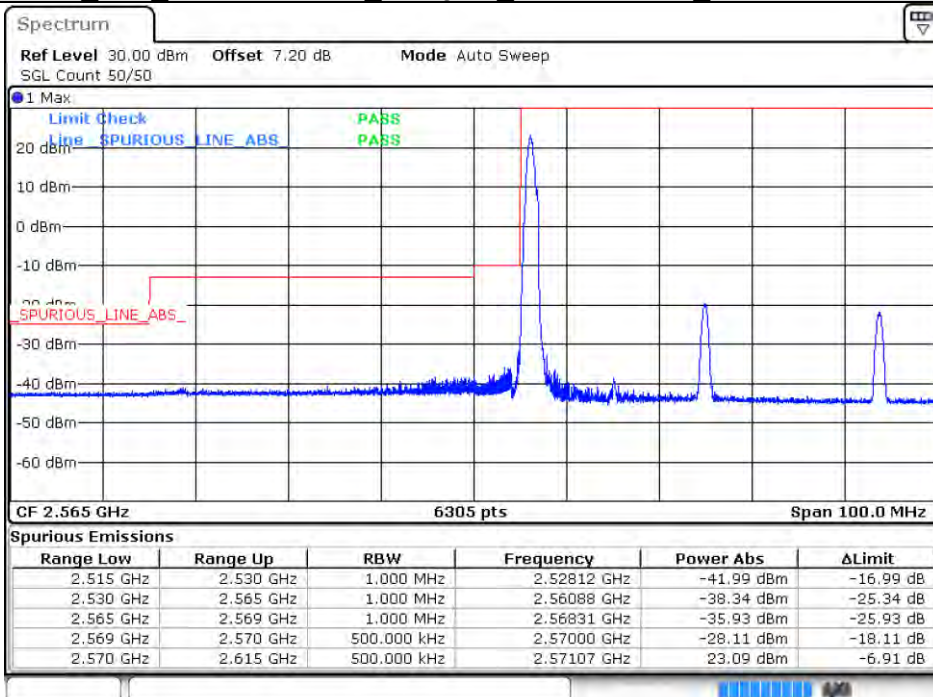
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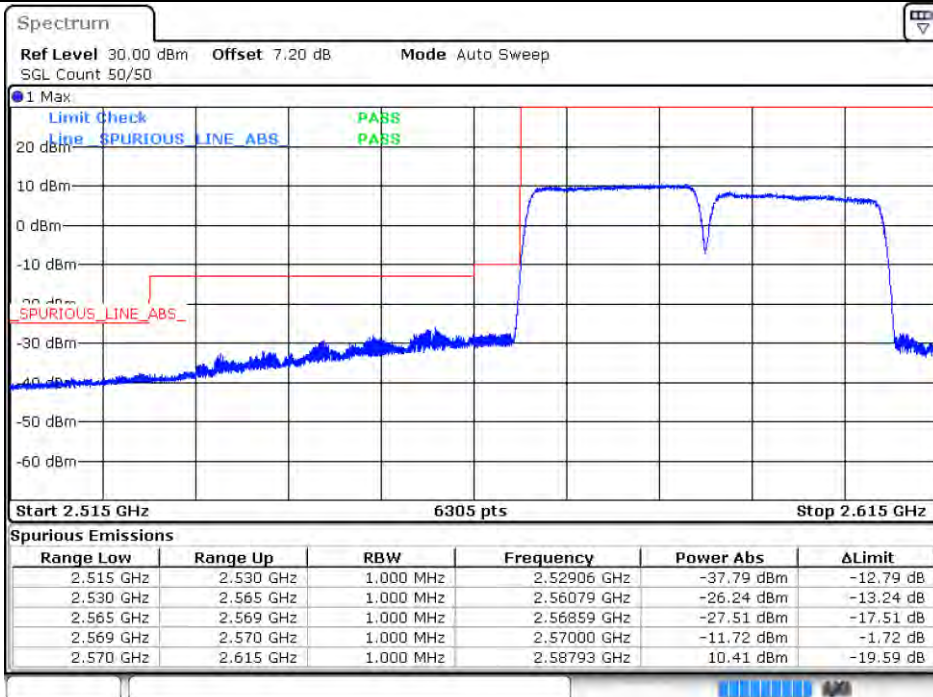
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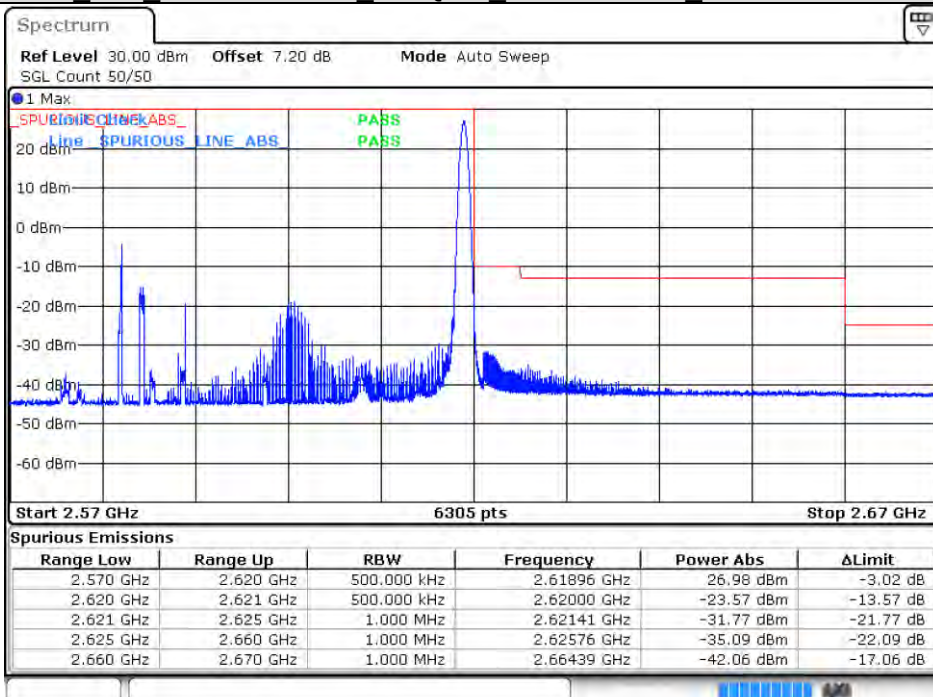
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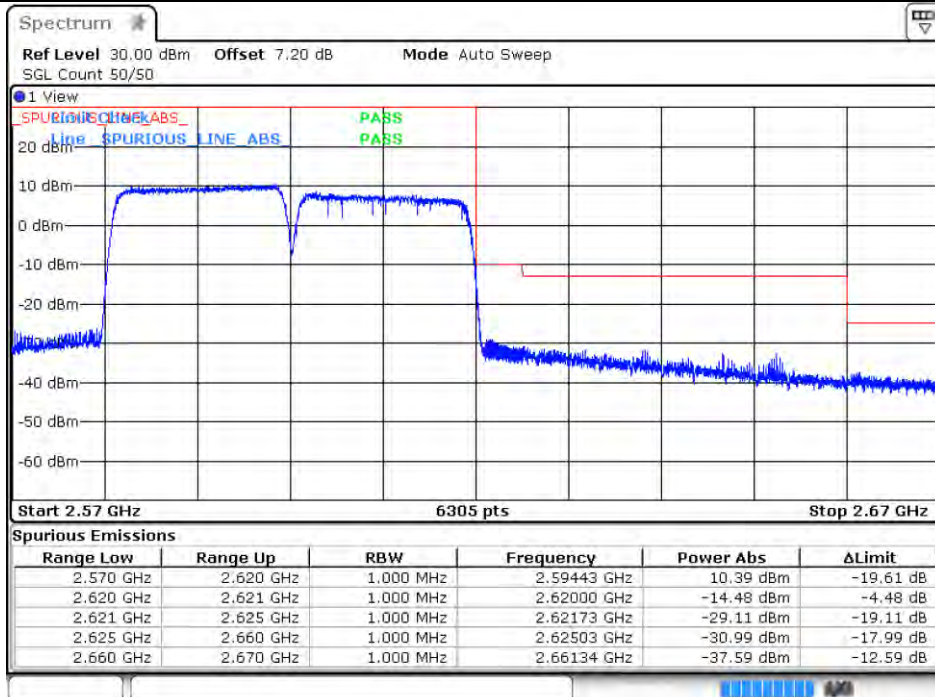
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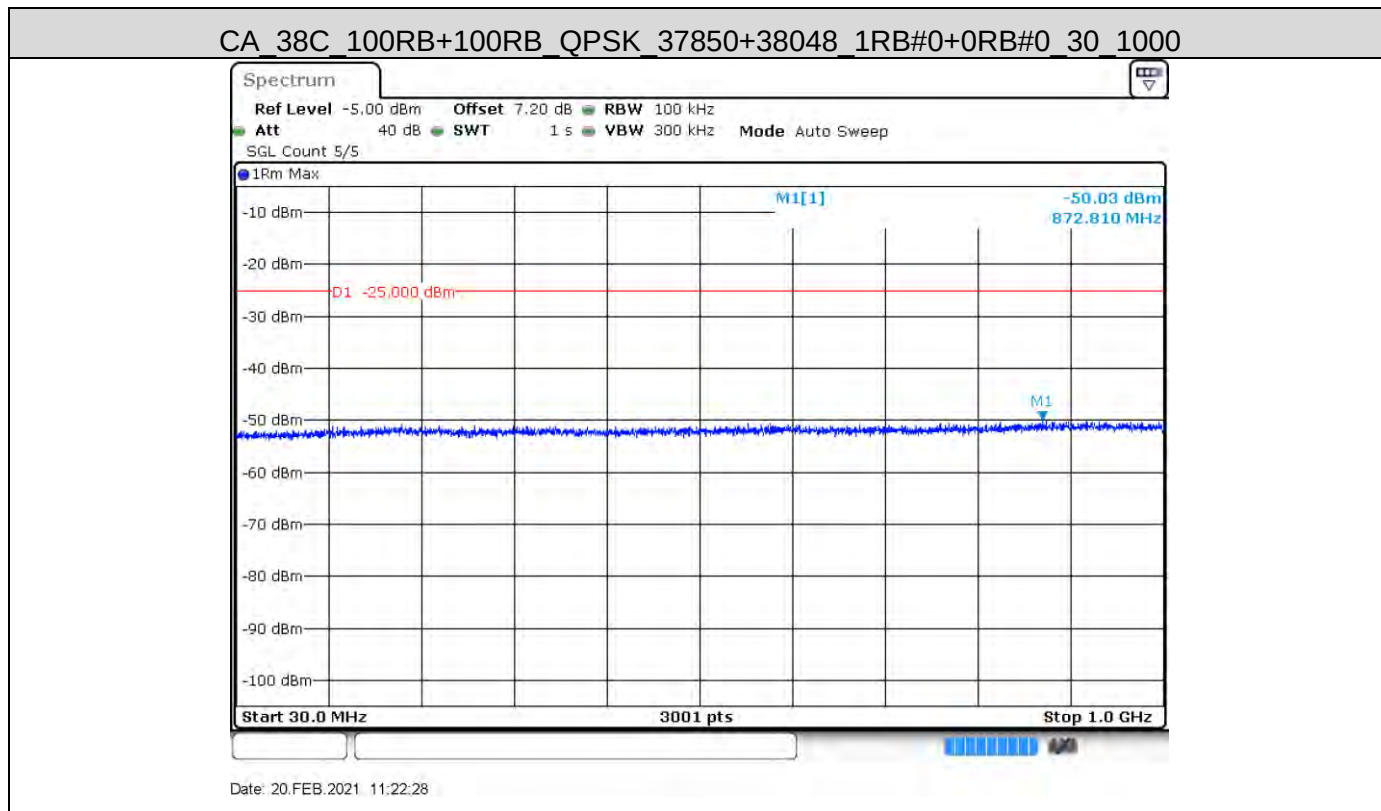
6 Spurious Emission at Antenna Terminal

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



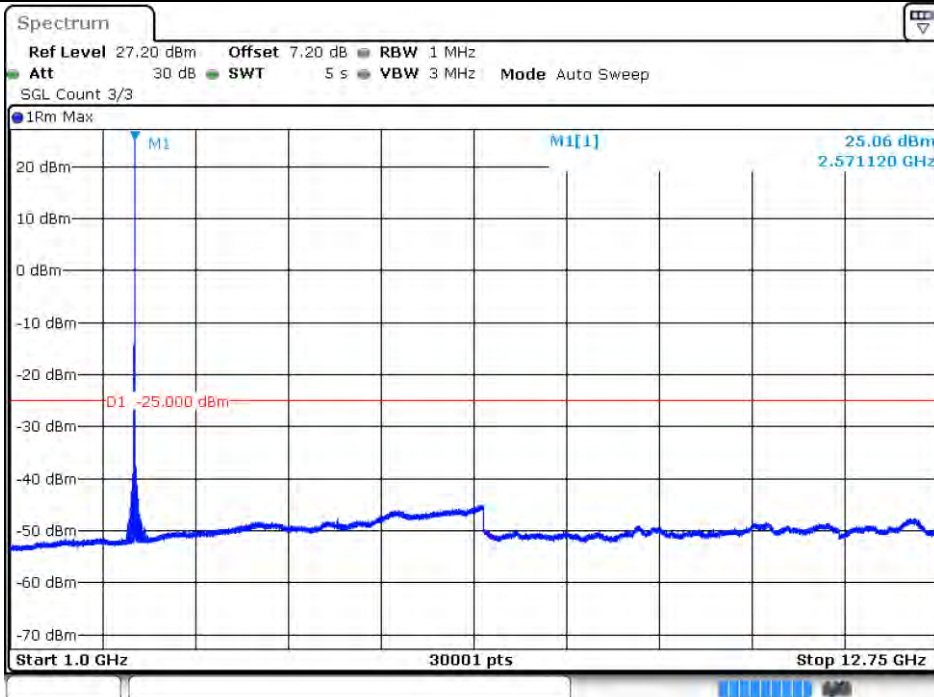
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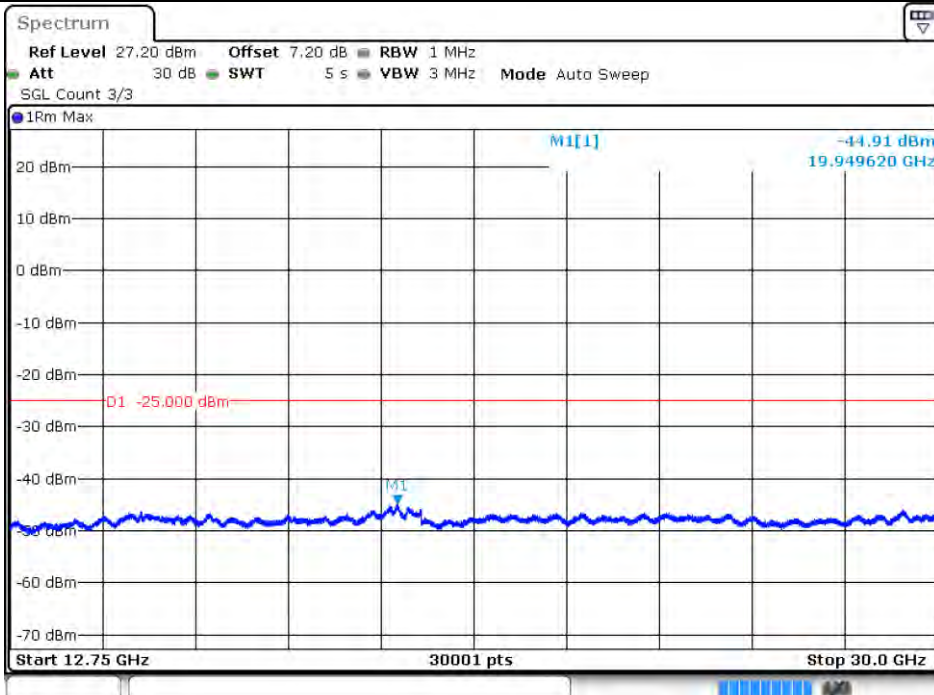
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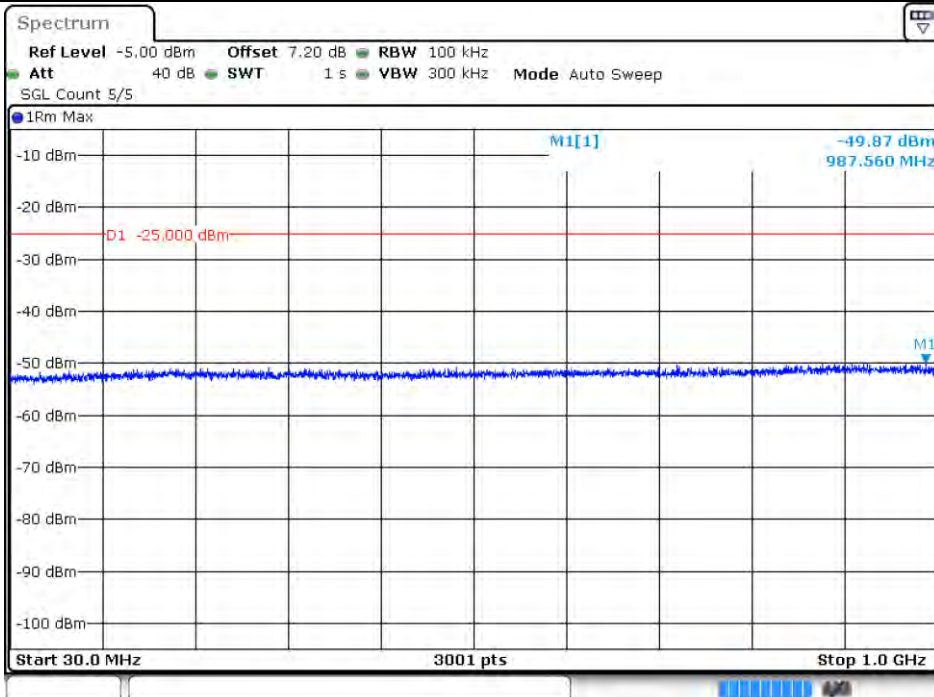


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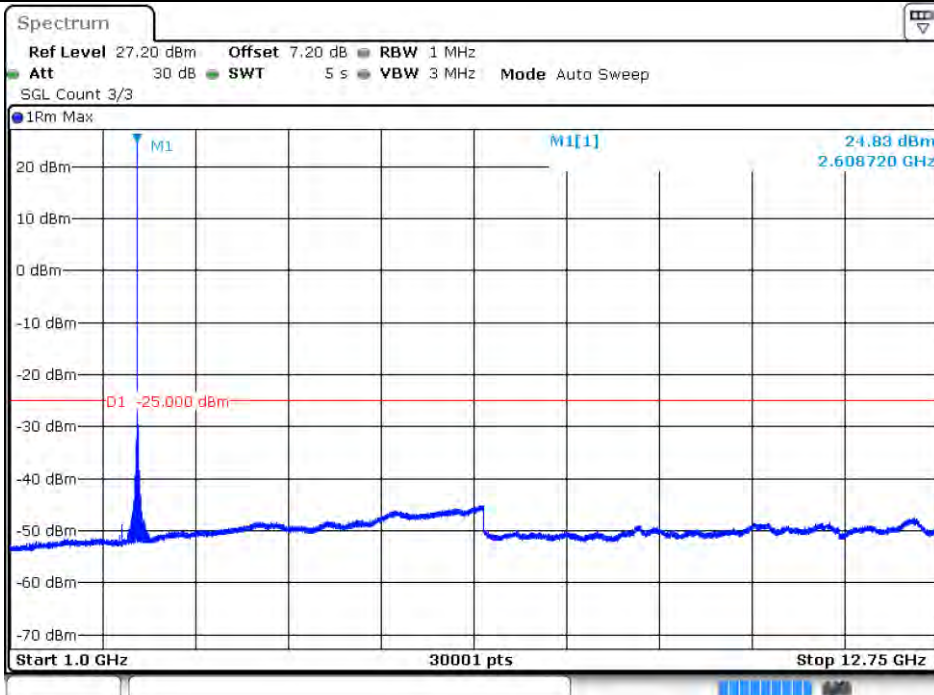
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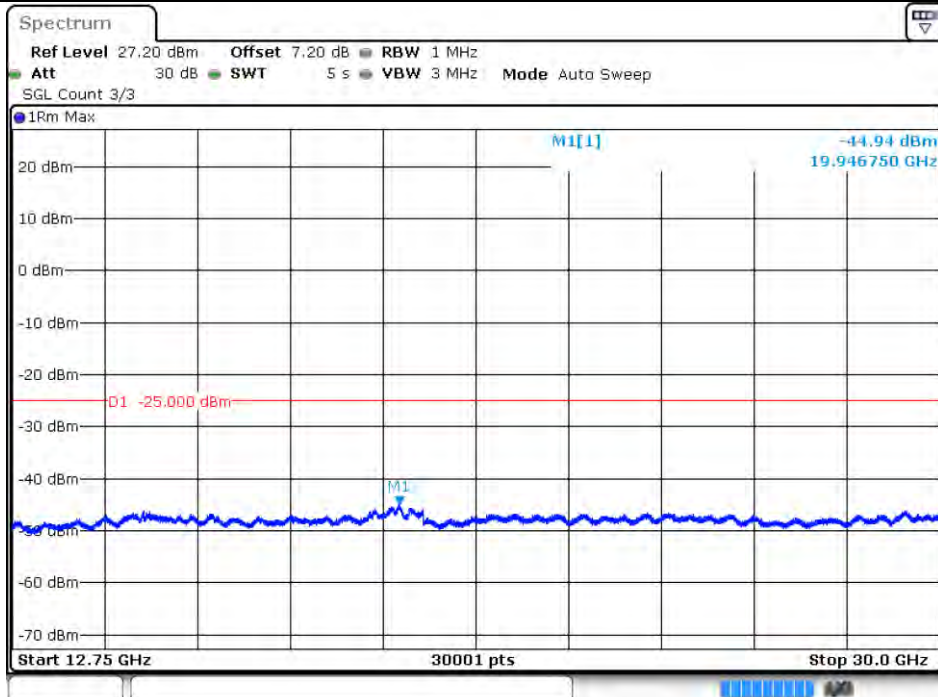
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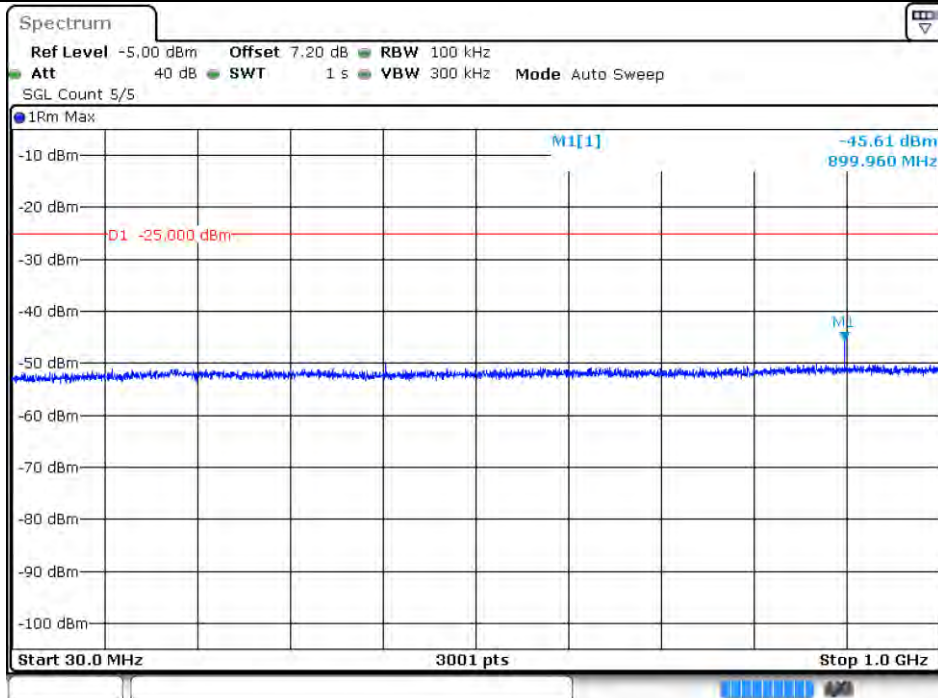


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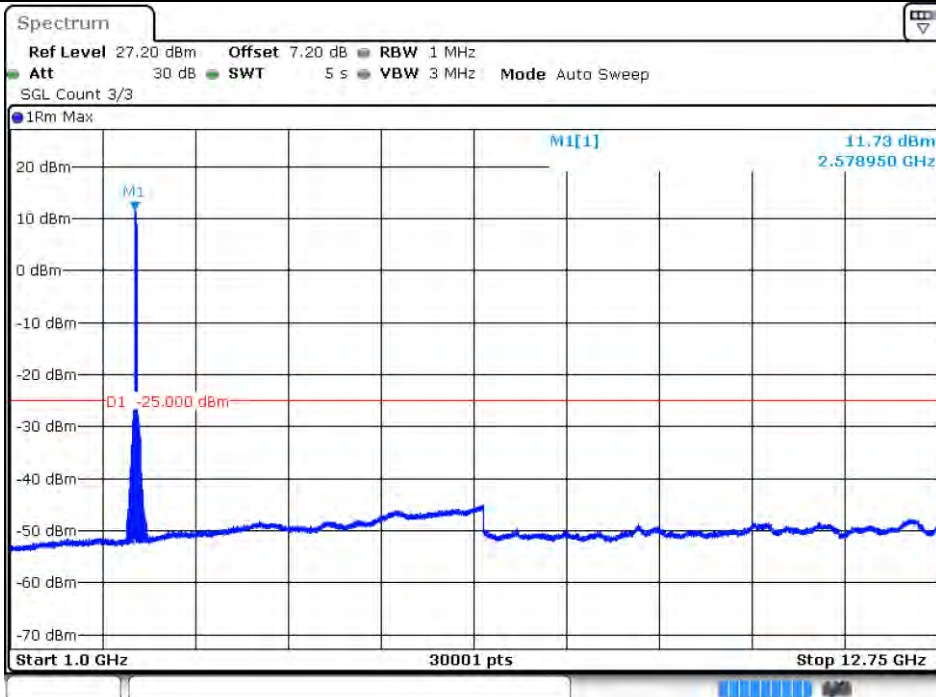
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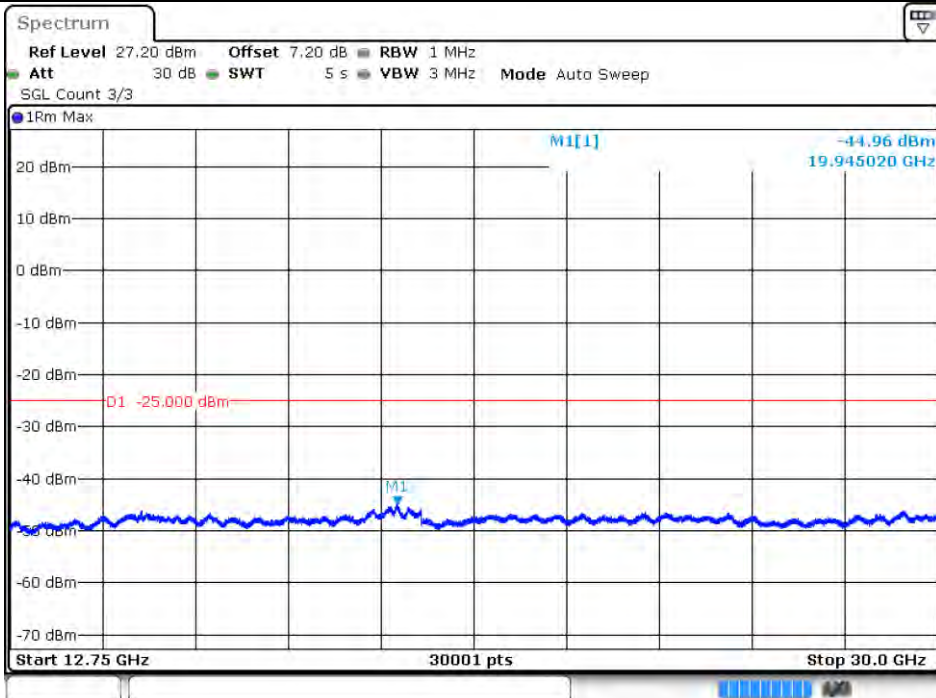
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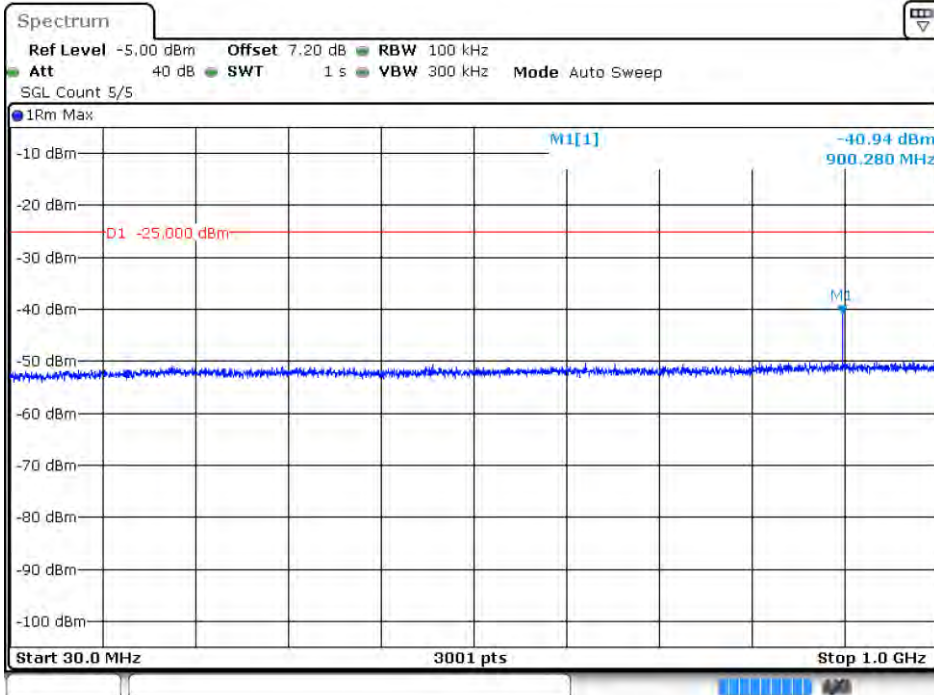
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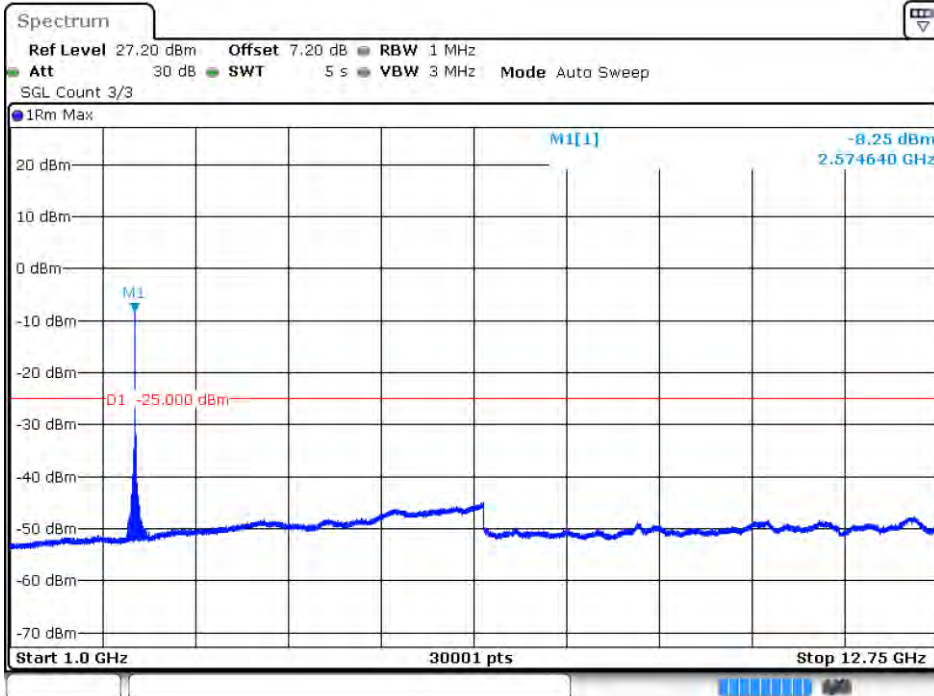


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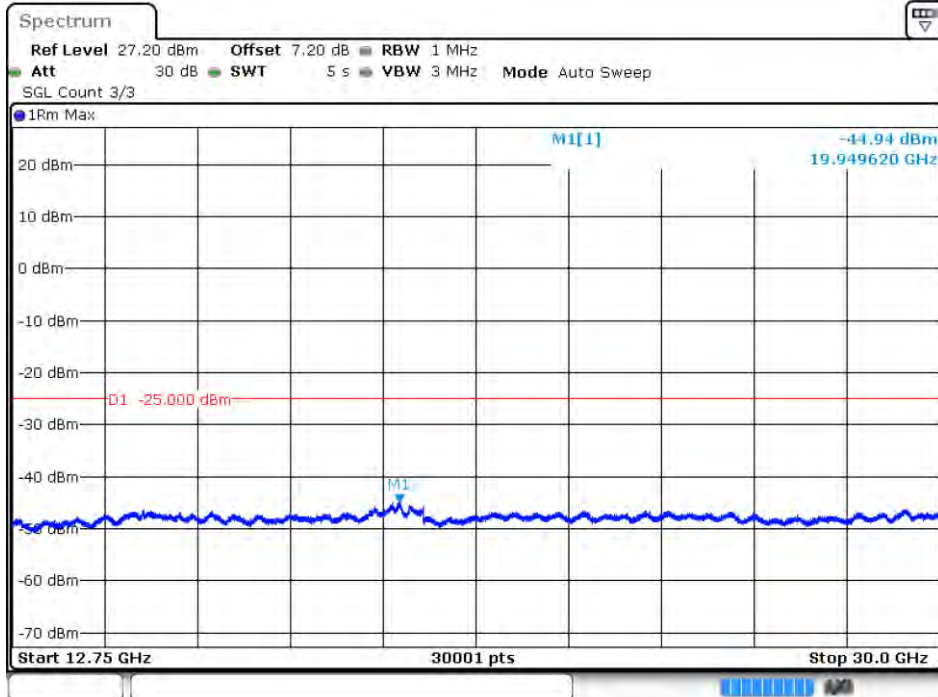
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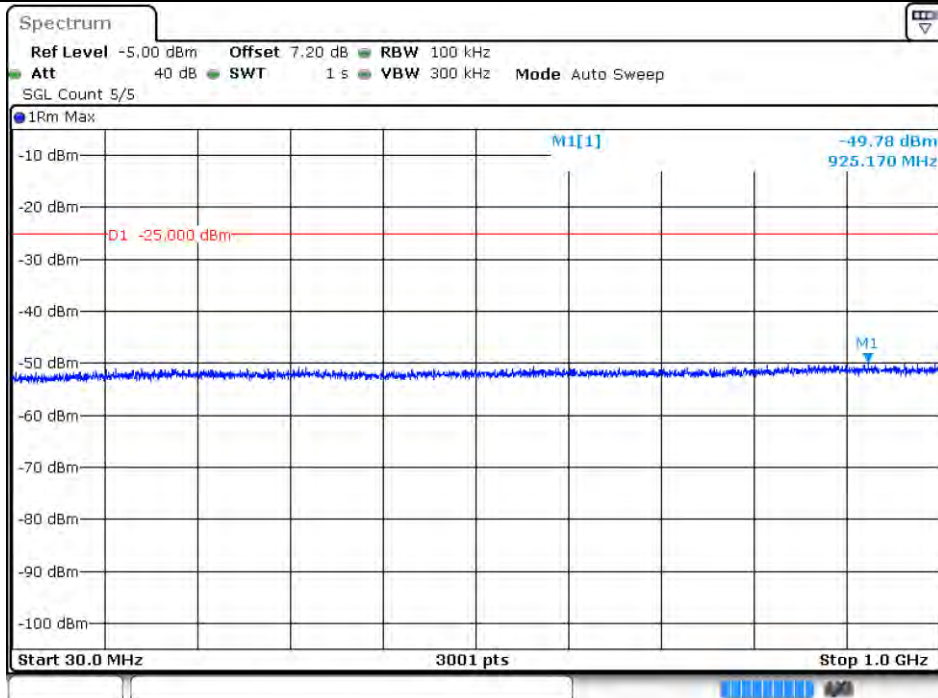
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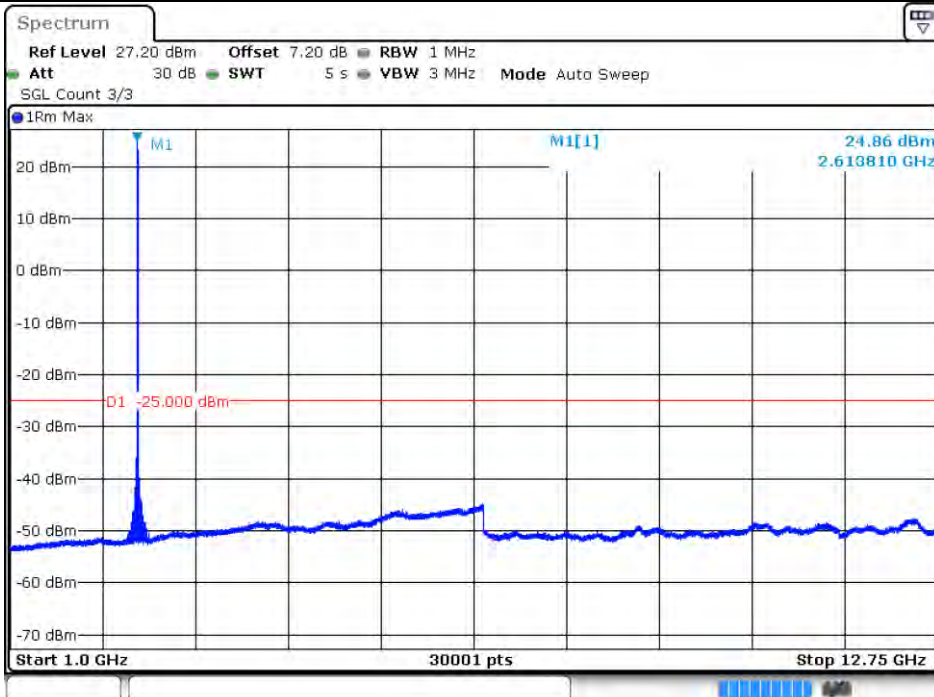
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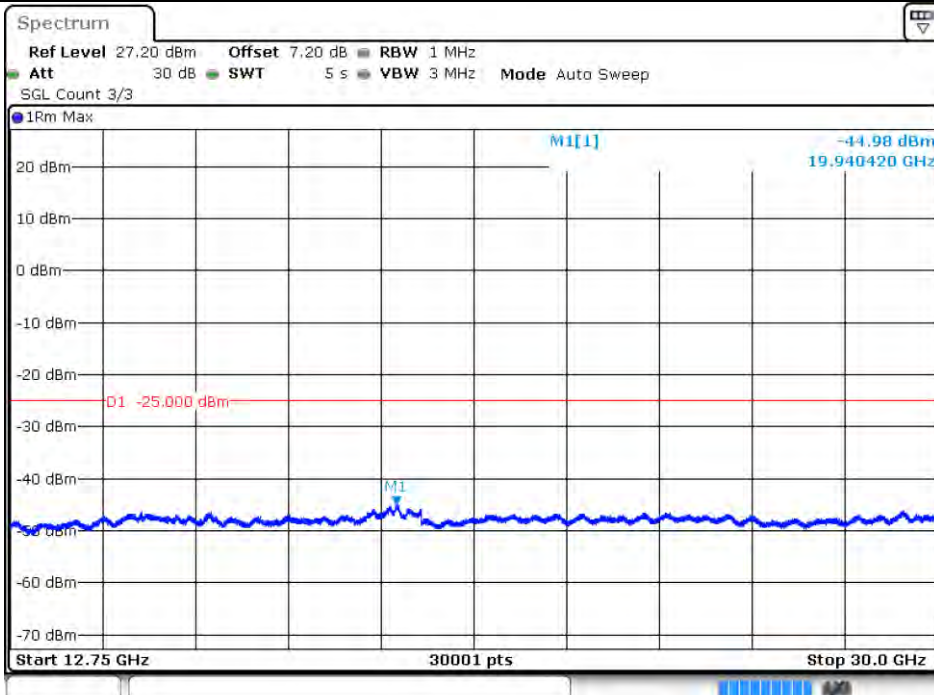


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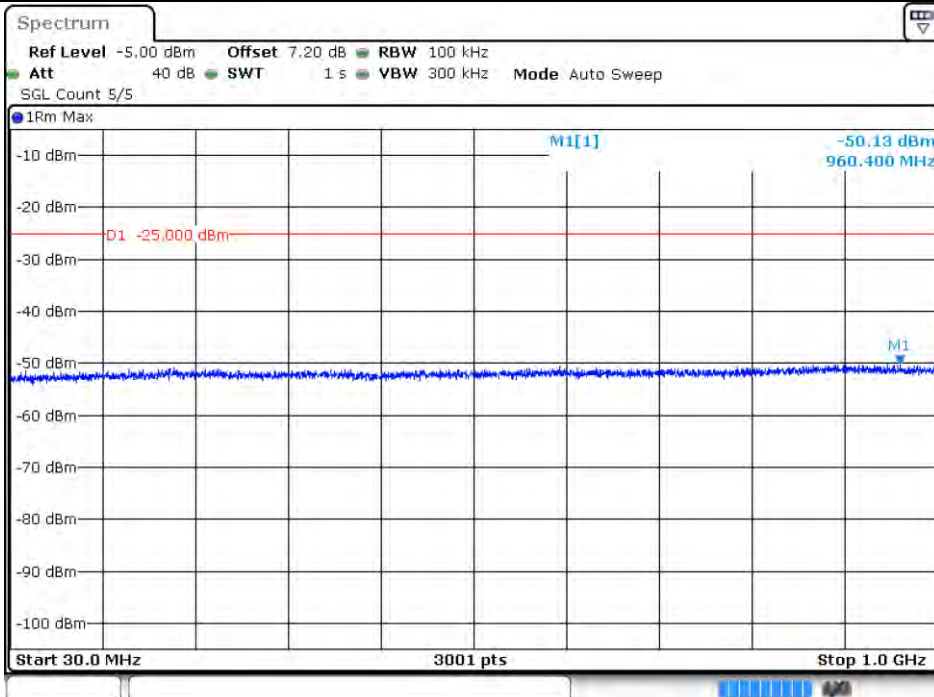
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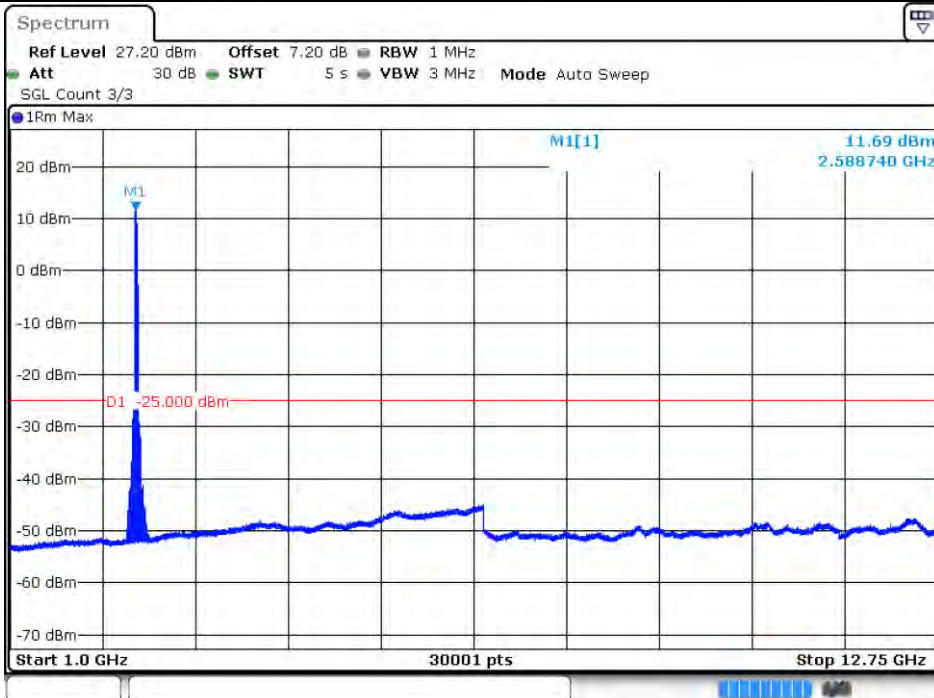


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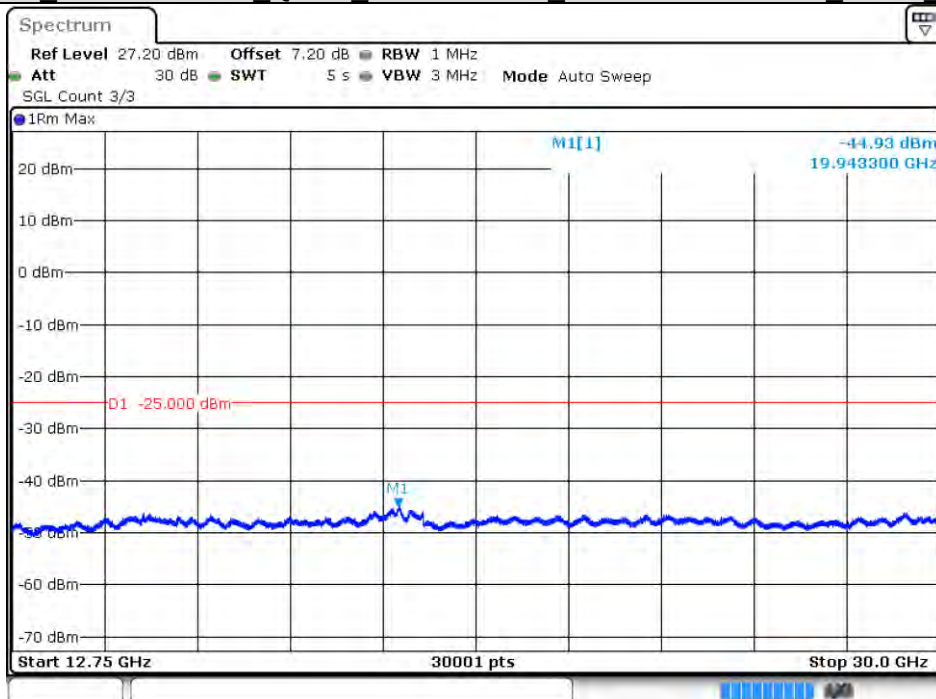
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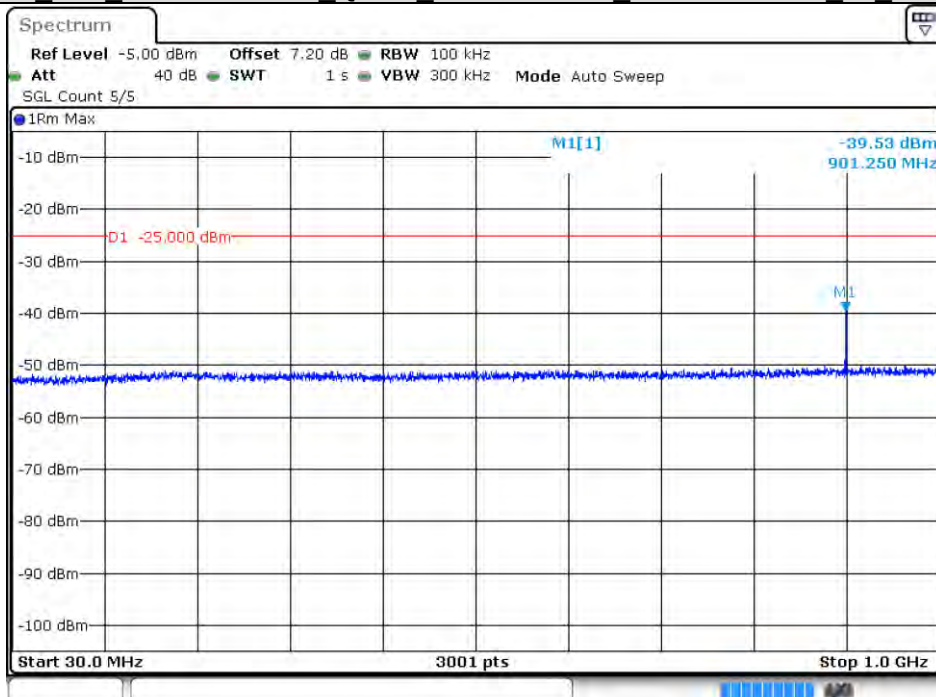


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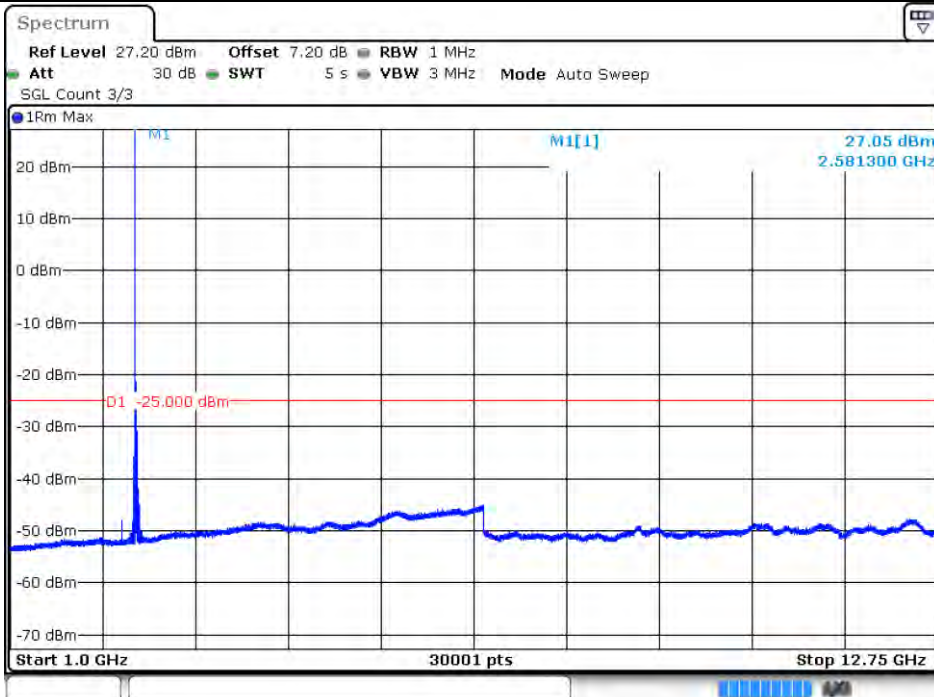
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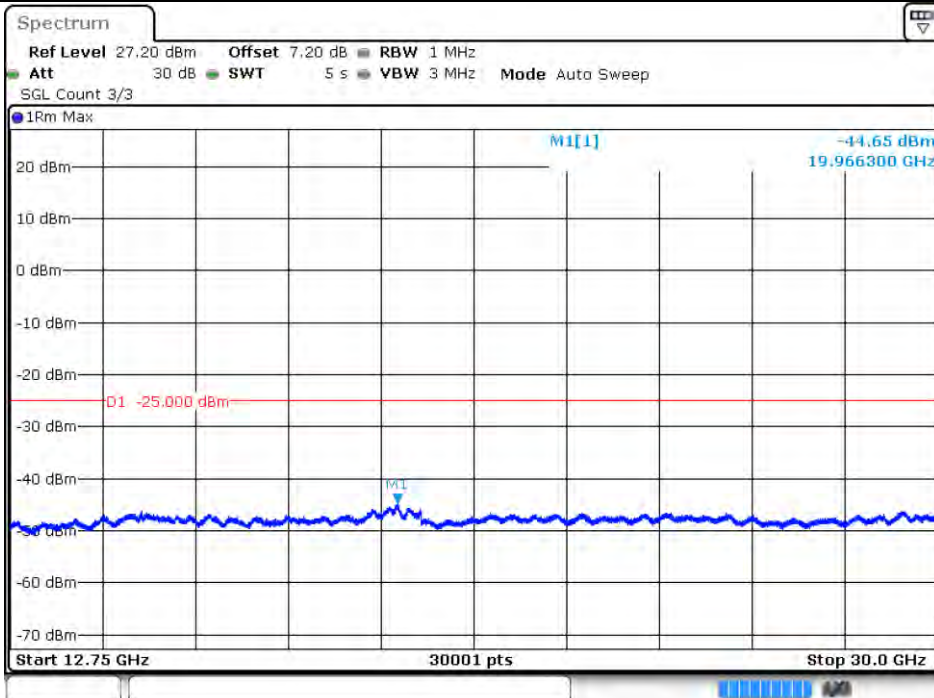
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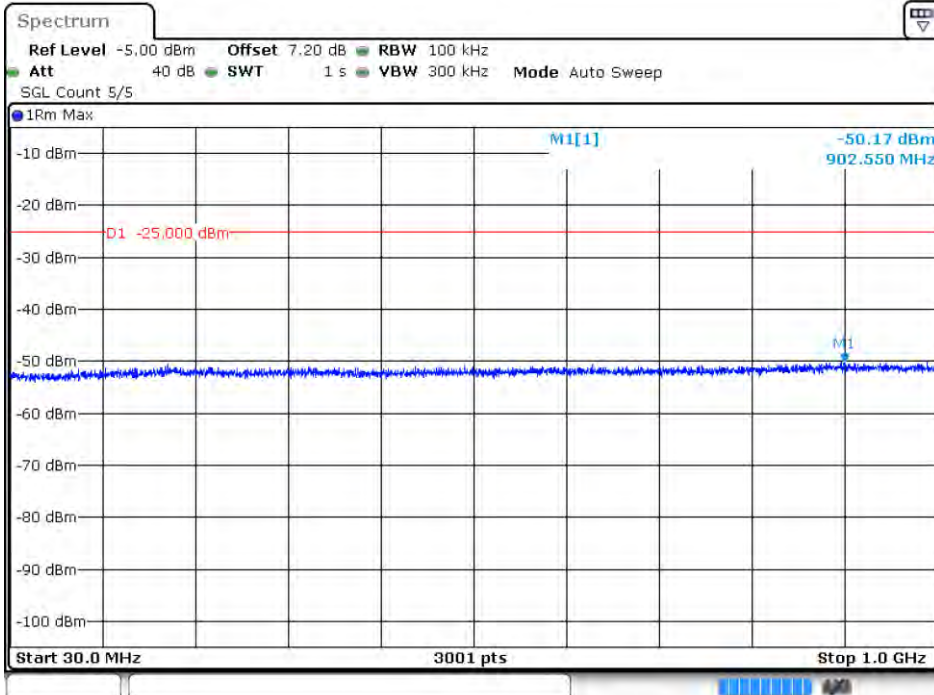


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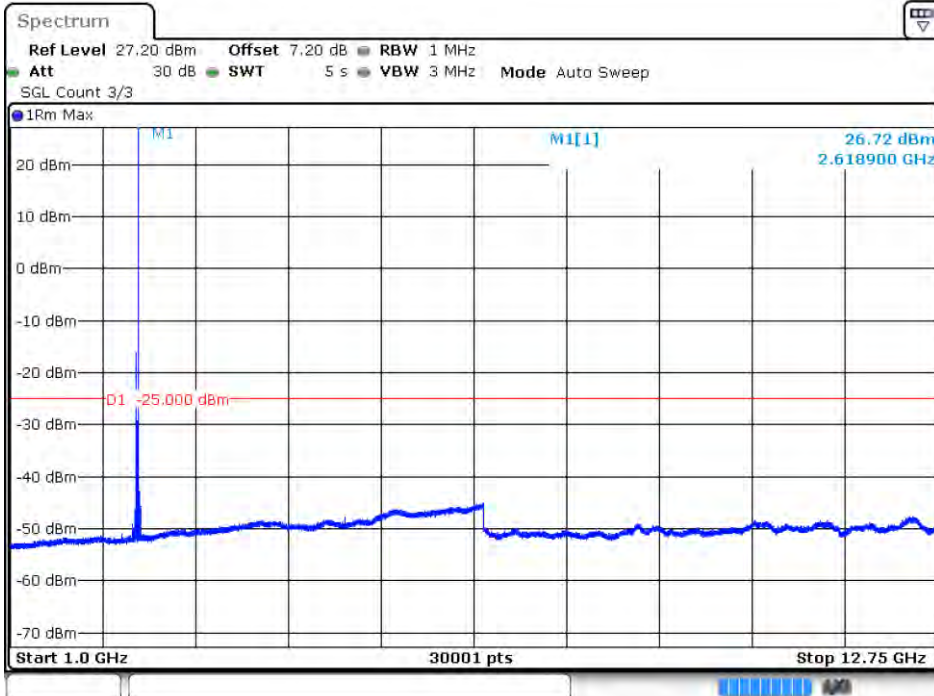
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CA 38C 100RB+100RB QPSK 37952+38150 0RB#0+1RB#99 30 1000



Date: 20.FEB.2021 11:24:37

CA 38C 100RB+100RB QPSK 37952+38150 0RB#0+1RB#99 1000 12750



Date: 20.FEB.2021 11:42:21



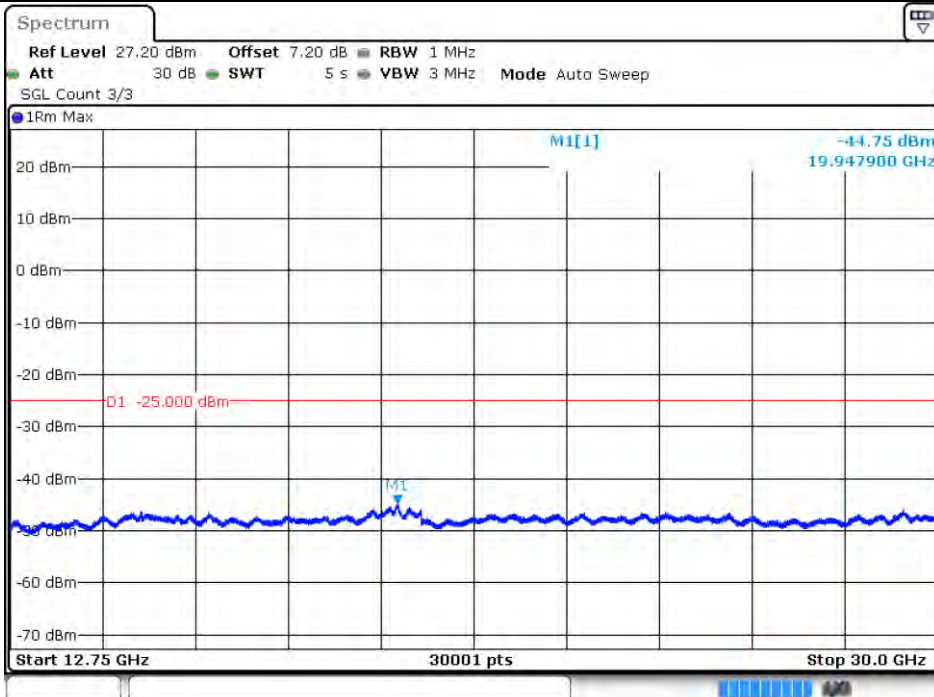
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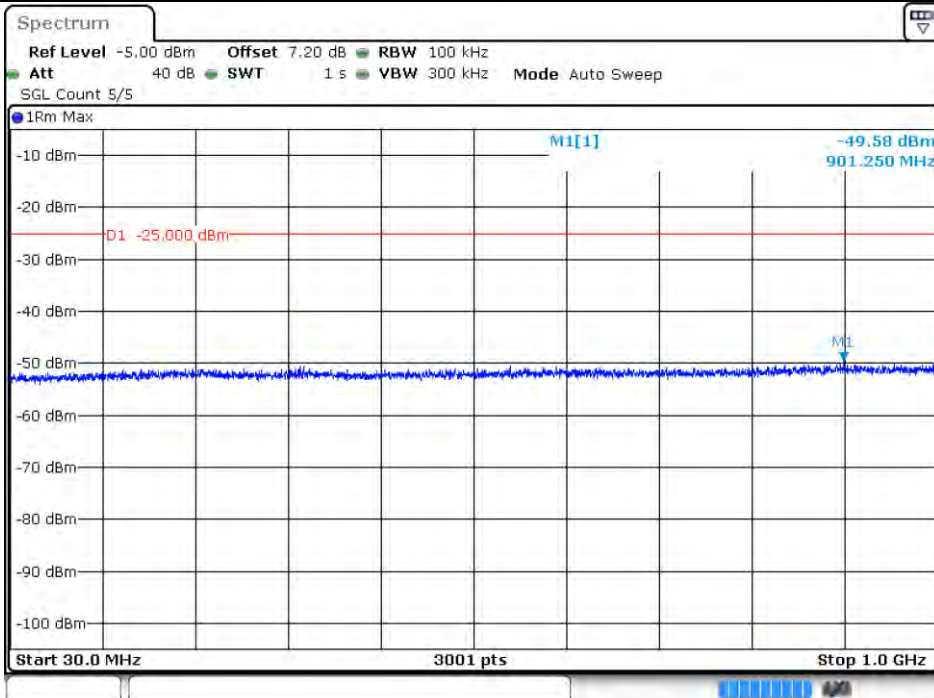
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CA 38C 100RB+100RB QPSK 37952+38150 0RB#0+1RB#99 12750 30000



Date: 20.FEB.2021 11:37:28

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Date: 20.FEB.2021 11:24:44



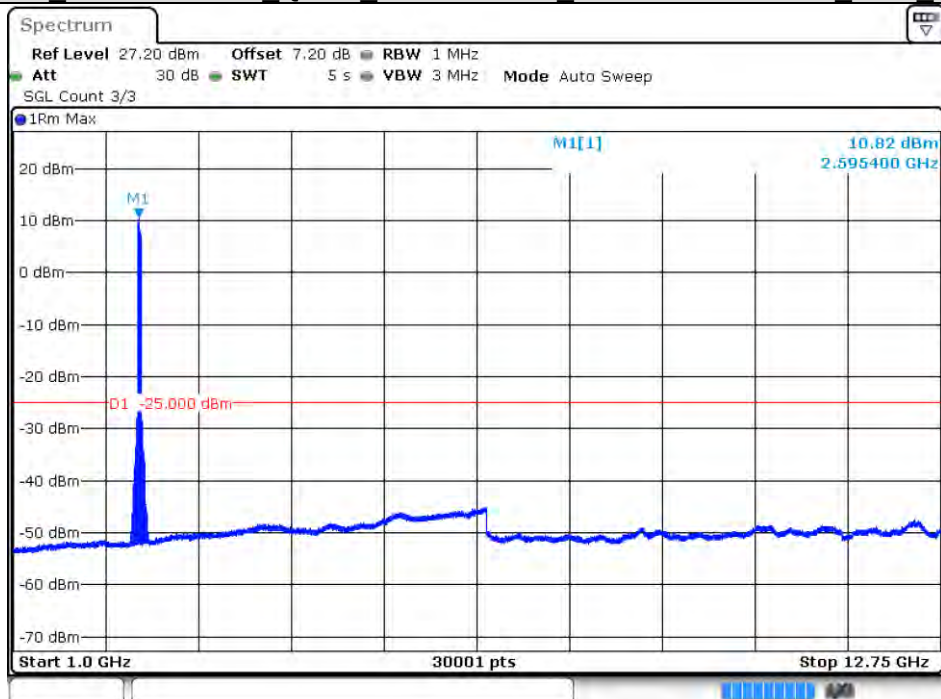
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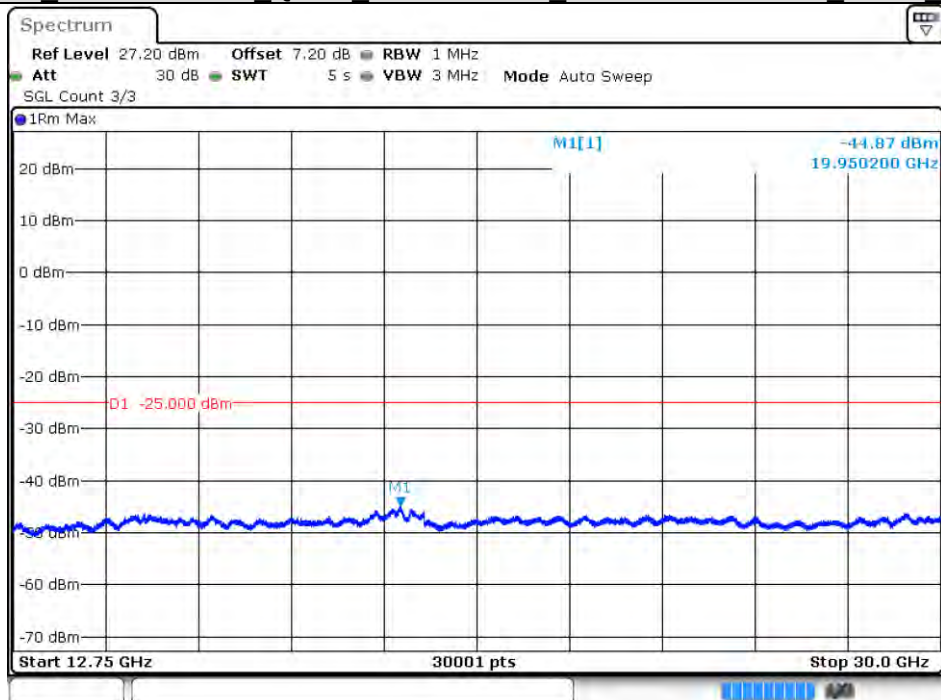
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CA 38C 100RB+100RB QPSK 37952+38150 100RB#0+100RB#0 1000 12750



Date: 20.FEB.2021 11:42:53

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



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7 Field Strength of Spurious Radiation

7.1 For LTE UL CA

7.1.1.1 Test Mode = LTE/QPSK (Ant1)

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.600000	-72.20	-25.00	47.20	Vertical
120.850000	-78.75	-25.00	53.75	Vertical
343.950000	-75.46	-25.00	50.46	Vertical
5124.850000	-55.38	-25.00	30.38	Vertical
7937.725000	-52.04	-25.00	27.04	Vertical
10673.900000	-52.08	-25.00	27.08	Vertical
56.350000	-66.70	-25.00	41.70	Horizontal
104.300000	-78.24	-25.00	53.24	Horizontal
267.900000	-77.32	-25.00	52.32	Horizontal
5134.275000	-55.49	-25.00	30.49	Horizontal
7715.100000	-52.72	-25.00	27.72	Horizontal
10682.025000	-51.19	-25.00	26.19	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.900000	-72.23	-25.00	47.23	Vertical
124.950000	-77.83	-25.00	52.83	Vertical
621.691667	-73.38	-25.00	48.38	Vertical
5027.675000	-55.51	-25.00	30.51	Vertical
7866.225000	-52.03	-25.00	27.03	Vertical
10512.700000	-51.45	-25.00	26.45	Vertical
62.950000	-67.37	-40.00	27.37	Horizontal
104.300000	-78.18	-40.00	38.18	Horizontal
292.450000	-76.68	-40.00	36.68	Horizontal
5077.075000	-55.29	-40.00	15.29	Horizontal
7605.900000	-52.56	-40.00	12.56	Horizontal
10636.850000	-51.83	-40.00	11.83	Horizontal





7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.650000	-72.03	-25.00	47.03	Vertical
120.050000	-79.07	-25.00	54.07	Vertical
306.950000	-76.71	-25.00	51.71	Vertical
5065.700000	-55.73	-25.00	30.73	Vertical
7892.875000	-52.34	-25.00	27.34	Vertical
10674.225000	-51.77	-25.00	26.77	Vertical
57.100000	-68.03	-25.00	43.03	Horizontal
104.300000	-78.76	-25.00	53.76	Horizontal
271.000000	-77.52	-25.00	52.52	Horizontal
5040.350000	-55.94	-25.00	30.94	Horizontal
7746.625000	-52.88	-25.00	27.88	Horizontal
10097.350000	-52.57	-25.00	27.57	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz and above 12.75GHz was very low, and the above harmonics were the 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	-2.88	-0.001114	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	TN	HV	14.50	0.005617	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	LV	14.03	0.005423	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	NV	7.01	0.002710	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	HV	2.11	0.000816	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	LV	9.54	0.003661	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	NV	2.63	0.001009	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	HV	-8.79	-0.003374	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	LV	-14.27	-0.005474	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	NV	3.53	0.001355	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	HV	-6.24	-0.002394	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	LV	-0.84	-0.000326	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	NV	-7.38	-0.002852	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	HV	-7.67	-0.002967	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	LV	-2.57	-0.000985	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	NV	-5.87	-0.002252	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	HV	-6.79	-0.002606	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	LV	11.36	0.004401	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	NV	0.84	0.000326	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	HV	-14.36	-0.005561	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	LV	11.64	0.004499	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	NV	-9.04	-0.003496	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	HV	10.65	0.004116	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	LV	-8.35	-0.003205	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	NV	-1.19	-0.000456	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	HV	5.93	0.002276	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	7.95	0.003079	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-10	12.35	0.004783	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	0	4.11	0.001592	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	10	-14.98	-0.005803	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	20	10.70	0.004144	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	30	3.92	0.001517	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	40	9.81	0.003800	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	50	5.07	0.001965	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-30	-9.76	-0.003774	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-20	-8.00	-0.003092	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-10	-0.09	-0.000034	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	0	7.17	0.002770	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	10	-3.04	-0.001177	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	20	8.03	0.003104	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	30	-12.30	-0.004756	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	40	-1.76	-0.000679	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	50	0.25	0.000096	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-30	2.44	0.000938	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-20	13.89	0.005328	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-10	-3.71	-0.001425	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	0	-2.78	-0.001065	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	10	-8.46	-0.003245	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	20	9.54	0.003662	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	30	-13.22	-0.005074	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	40	9.26	0.003553	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	50	1.51	0.000579	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-30	-13.70	-0.005305	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-20	6.73	0.002608	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-10	11.79	0.004566	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	0	12.27	0.004750	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	10	7.46	0.002888	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	20	1.69	0.000654	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	30	1.01	0.000390	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	40	-10.32	-0.003998	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	50	8.53	0.003303	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-30	13.49	0.005216	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-20	-10.91	-0.004217	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-10	-1.13	-0.000436	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	0	3.78	0.001462	PASS



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CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	10	8.46	0.003270	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	20	-9.23	-0.003568	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	30	7.63	0.002950	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	40	3.28	0.001269	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	50	-9.15	-0.003538	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-30	-5.84	-0.002241	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-20	-2.03	-0.000778	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-10	-11.61	-0.004453	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	0	-10.66	-0.004091	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	10	-9.54	-0.003660	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	20	6.74	0.002584	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	30	3.22	0.001237	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	40	-9.81	-0.003766	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	50	-4.53	-0.001739	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-30	-2.61	-0.001009	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-20	11.34	0.004393	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-10	14.63	0.005668	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	0	-1.80	-0.000696	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	10	-3.13	-0.001212	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	20	-5.54	-0.002146	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	30	4.64	0.001796	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	40	-12.08	-0.004678	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	50	12.31	0.004768	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-30	-0.66	-0.000255	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-20	-10.41	-0.004024	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-10	10.58	0.004091	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	0	9.78	0.003781	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	10	-10.06	-0.003888	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	20	4.57	0.001767	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	30	-13.58	-0.005251	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	40	-11.92	-0.004607	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	50	-13.61	-0.005262	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-30	-8.99	-0.003450	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-20	-12.13	-0.004654	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-10	-14.05	-0.005389	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	0	-12.25	-0.004698	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	10	10.41	0.003995	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	20	-13.08	-0.005019	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	30	-6.35	-0.002435	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	40	-10.75	-0.004125	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	50	-2.23	-0.000856	PASS

The End



SGS-CSTC Standards Technical Services Co., Ltd.
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