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(ANT4)

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	23.43	20.43	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	23.22	20.22	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	23.49	20.49	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	23.52	20.52	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	23.33	20.33	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	23.23	20.23	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	23.30	20.3	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	23.40	20.4	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	23.48	20.48	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	23.46	20.46	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	23.47	20.47	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	23.53	20.53	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	22.79	19.79	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	22.39	19.39	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	22.89	19.89	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	22.69	19.69	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	23.00	20	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	22.45	19.45	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	22.97	19.97	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	22.48	19.48	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	23.07	20.07	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	22.50	19.5	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	22.78	19.78	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	22.53	19.53	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	21.52	18.52	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	21.25	18.25	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	21.60	18.6	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	21.41	18.41	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	21.49	18.49	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	21.42	18.42	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	21.73	18.73	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	21.50	18.5	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	21.69	18.69	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	21.49	18.49	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	22.42	19.42	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	21.51	18.51	33.00	PASS

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1.2 Max Power Test Result for LTE Band CA_38C(ANT3)

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	19.99	20.11	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	20.04	20.08	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	20.02	19.93	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	20.05	20.08	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	20.05	20.07	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	20.09	20.23	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	19.97	19.93	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	20.09	19.95	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	20.01	19.84	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	20.1	20.17	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	20.08	19.95	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	20.17	20.34	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	19.47	19.39	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	19.17	19.03	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	19.54	19.66	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	19.23	19.3	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	19.54	19.38	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	19.22	19.38	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	19.49	19.54	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	19.07	18.93	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	19.57	19.57	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	19.11	19.18	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	19.6	19.58	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	19.16	19.01	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	18.34	18.37	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	18.03	18	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	18.33	18.2	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	18.03	17.93	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	18.36	18.47	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	18.02	17.96	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	18.38	18.35	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	18.08	18.22	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	18.36	18.54	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	18.15	18.25	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	18.39	18.37	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	18.21	18.35	33.00	PASS

Remark:
a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,
ERP [dBm] = Conducted Power [dBm] + Gain [dBd]
EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Modulation	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	6.52	13.00	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	6.14	13.00	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	6.35	13.00	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	9.01	13.00	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	8.17	13.00	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	6.96	13.00	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	7.77	13.00	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	7.39	13.00	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	7.01	13.00	PASS

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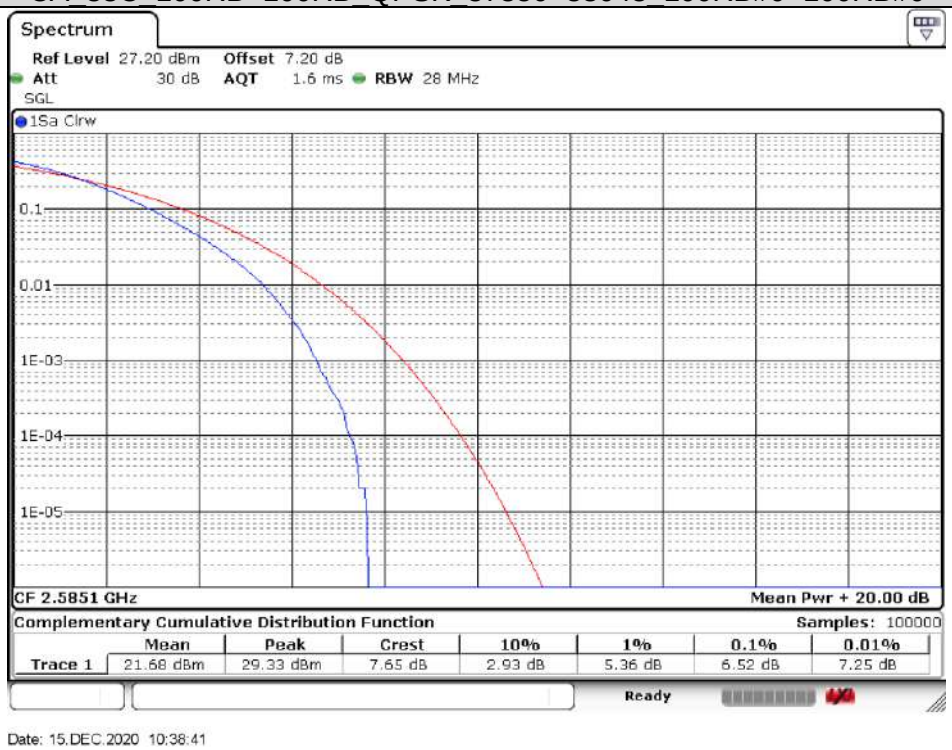
2.1 For LTE

2.1.1 Test Band = LTE Band CA_38C

CA_38C_100RB+100RB_QPSK_37850+38048_100RB#0+100RB#0



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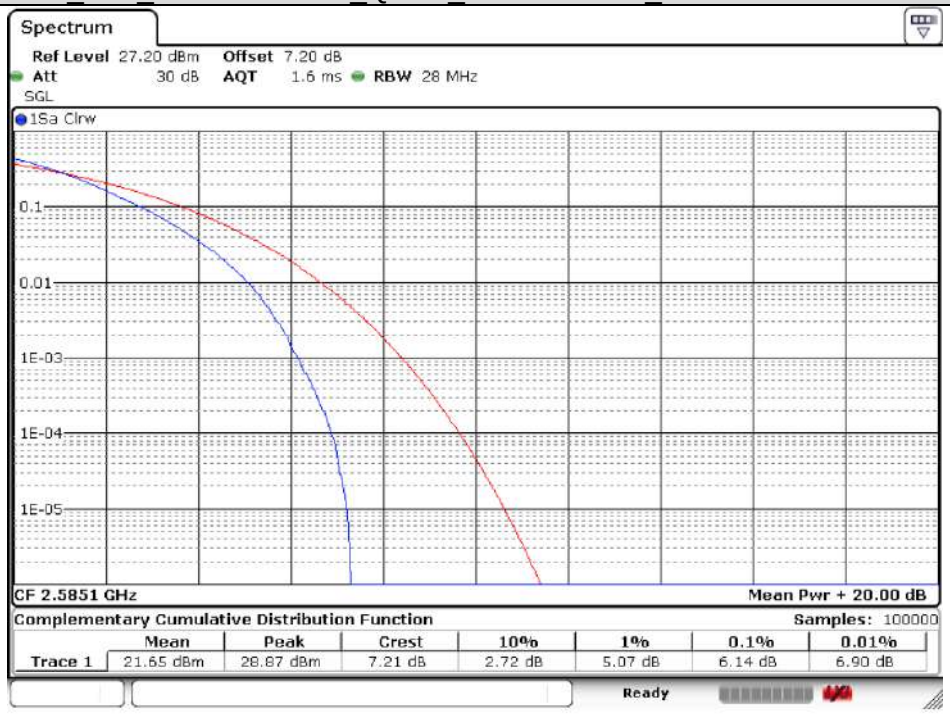
CA_38C_100RB+100RB_QPSK_37901+38099_100RB#0+100RB#0



Date: 15.DEC.2020 10:37:00

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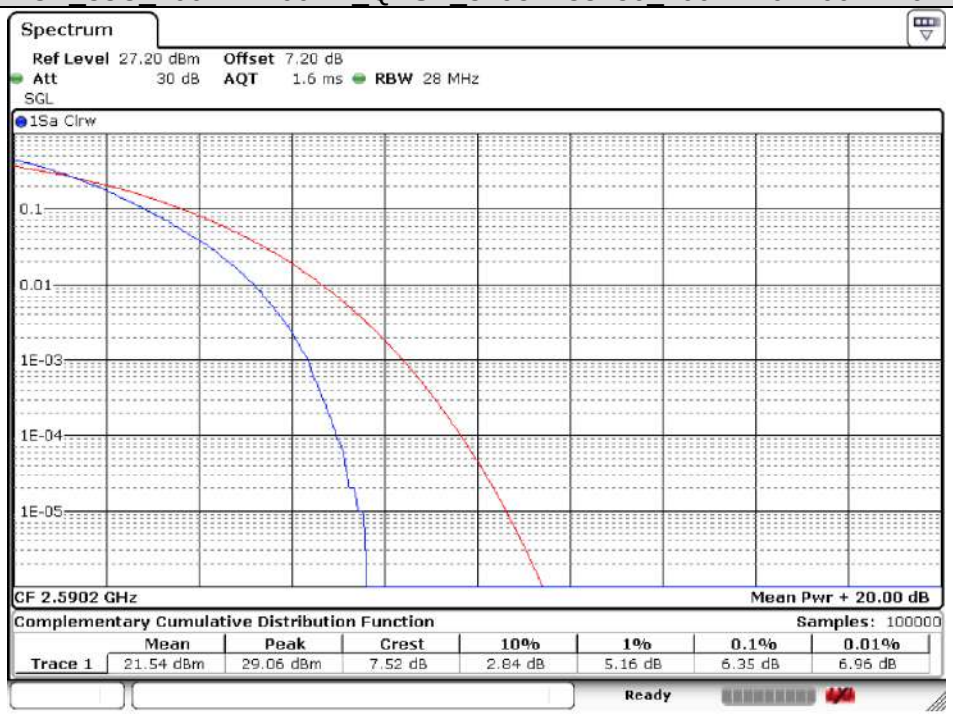

Date: 15.DEC.2020 10:36:13

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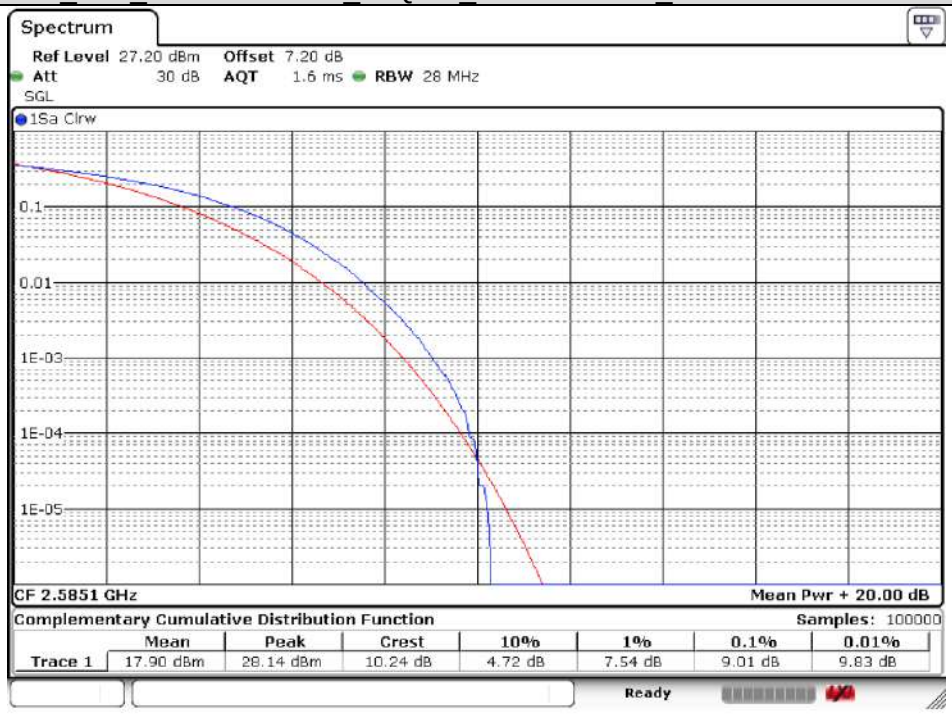
CA_38C_100RB+100RB_16QAM_37850+38048_100RB#0+100RB#0



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Date: 15.DEC.2020 10:36:02

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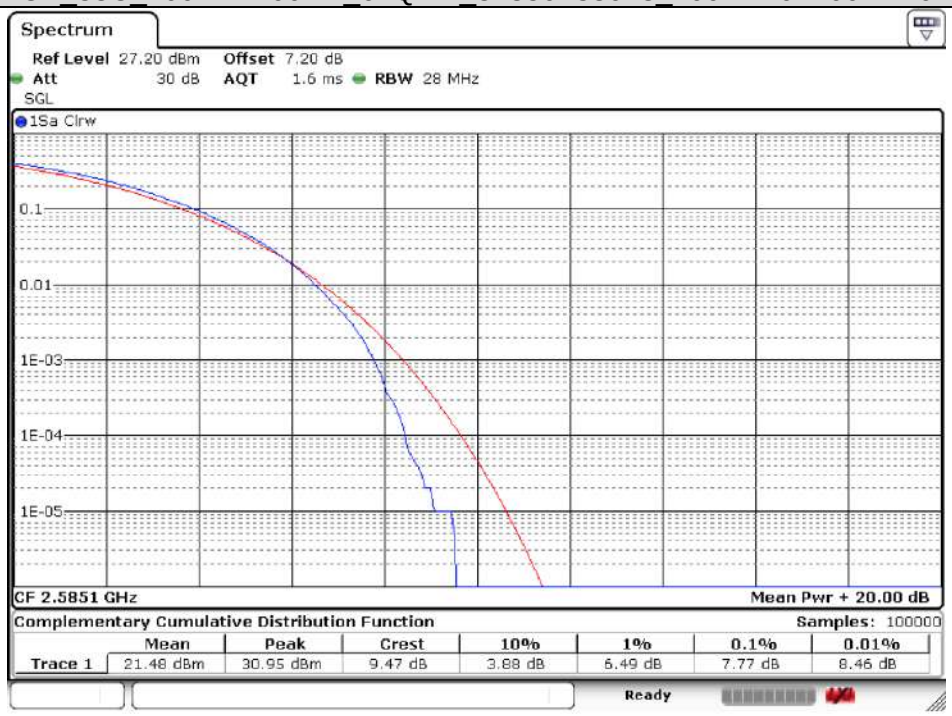

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Date: 15.DEC.2020 10:37:26

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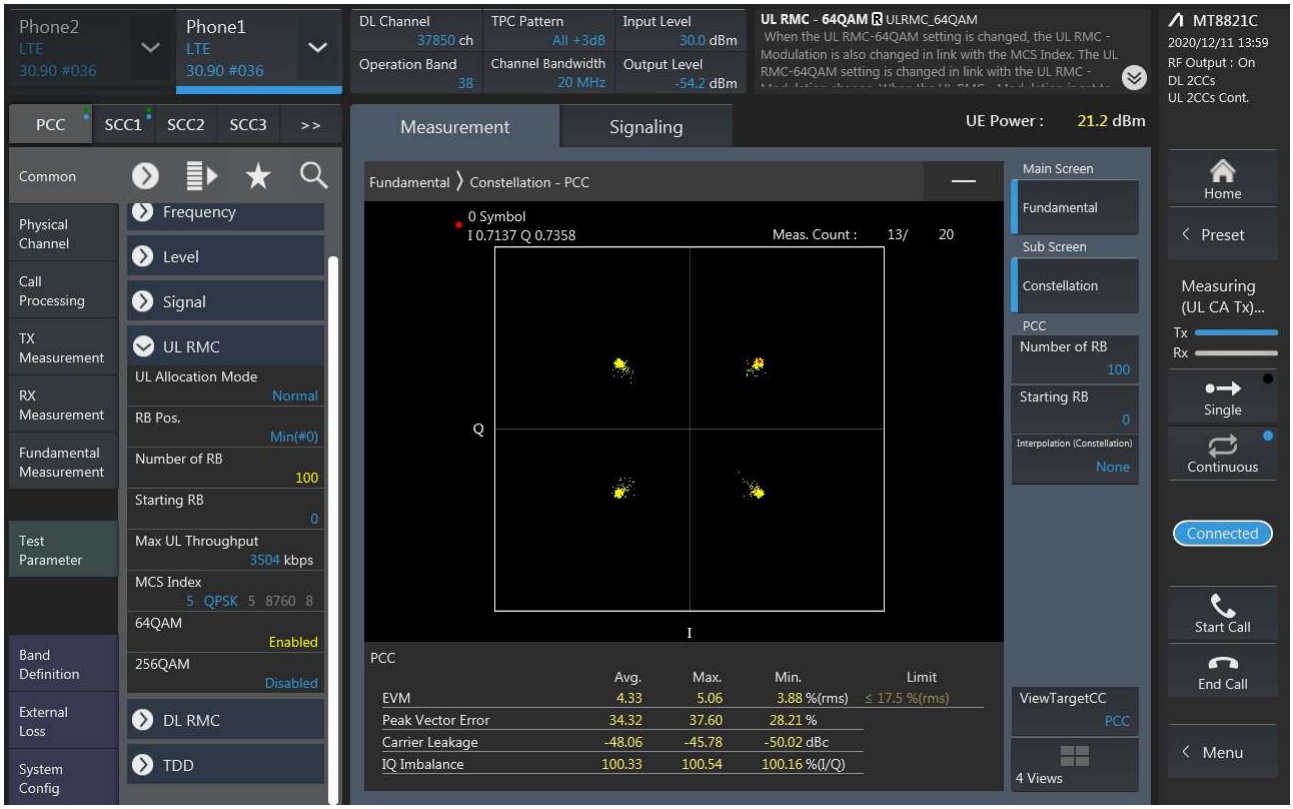
3 Modulation Characteristics

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



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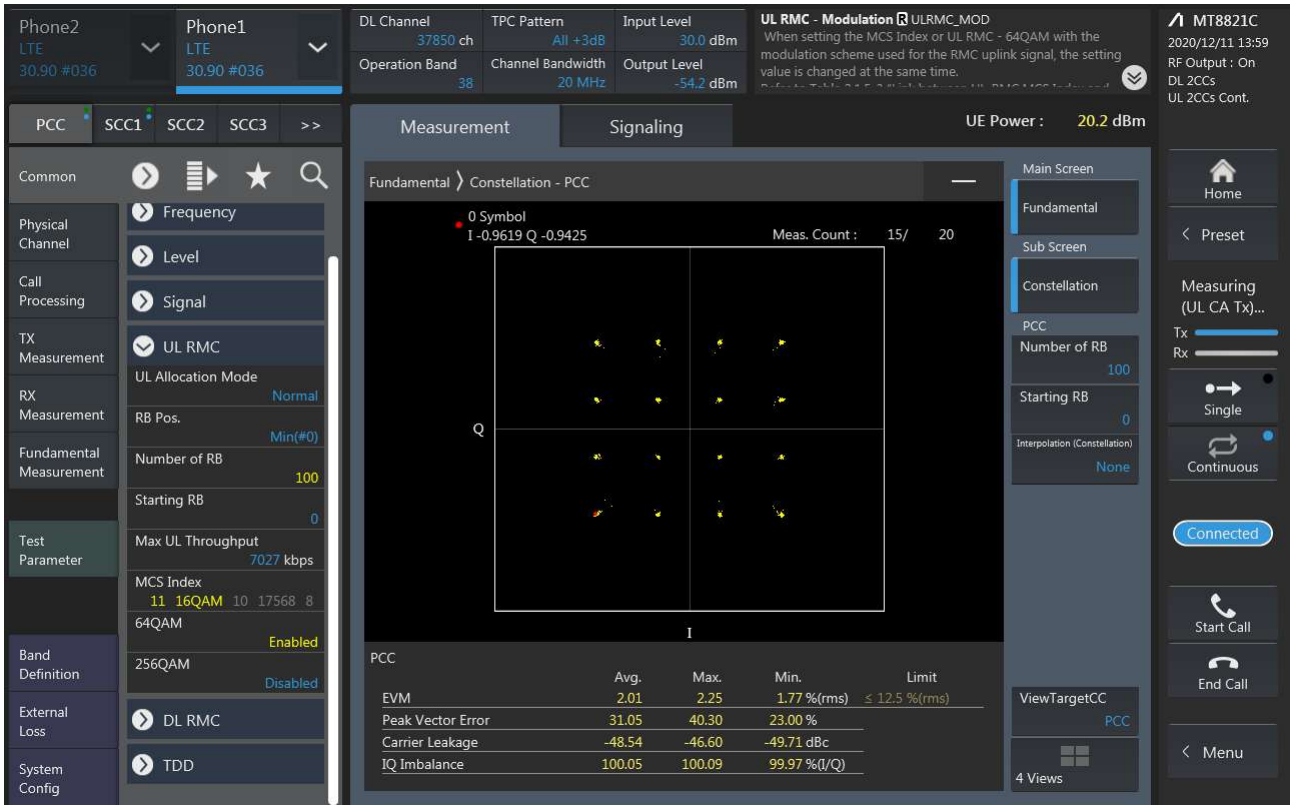
3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

3.1.1.2.1 Test Channel =37850+38048



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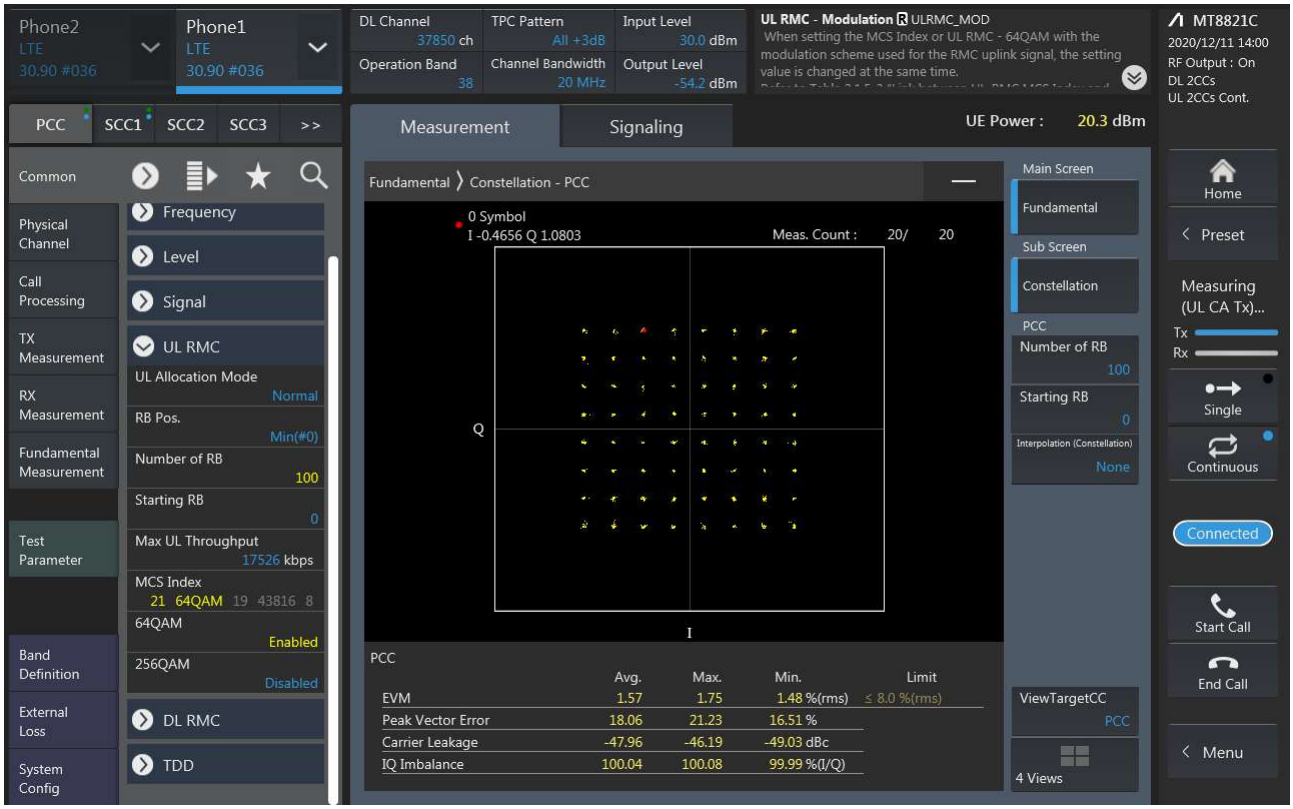
3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 Test Channel = 37850+38048



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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	28.24	29.14	PASS
CA_38C	16QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.19	29.21	PASS
CA_38C	64QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.19	29.24	PASS
CA_38C	QPSK	75RB+75RB	37925+38075	75RB#0	75RB#0	28.30	29.12	PASS
CA_38C	16QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.22	29.21	PASS
CA_38C	64QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.21	29.23	PASS
CA_38C	QPSK	75RB+75RB	38025+38175	75RB#0	75RB#0	28.24	29.20	PASS
CA_38C	16QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.24	29.21	PASS
CA_38C	64QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.22	29.21	PASS
CA_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	37.31	38.91	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.25	38.85	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.27	38.91	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	37.25	38.87	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.29	38.89	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.31	38.91	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	37.53	38.61	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.31	38.85	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.31	38.83	PASS

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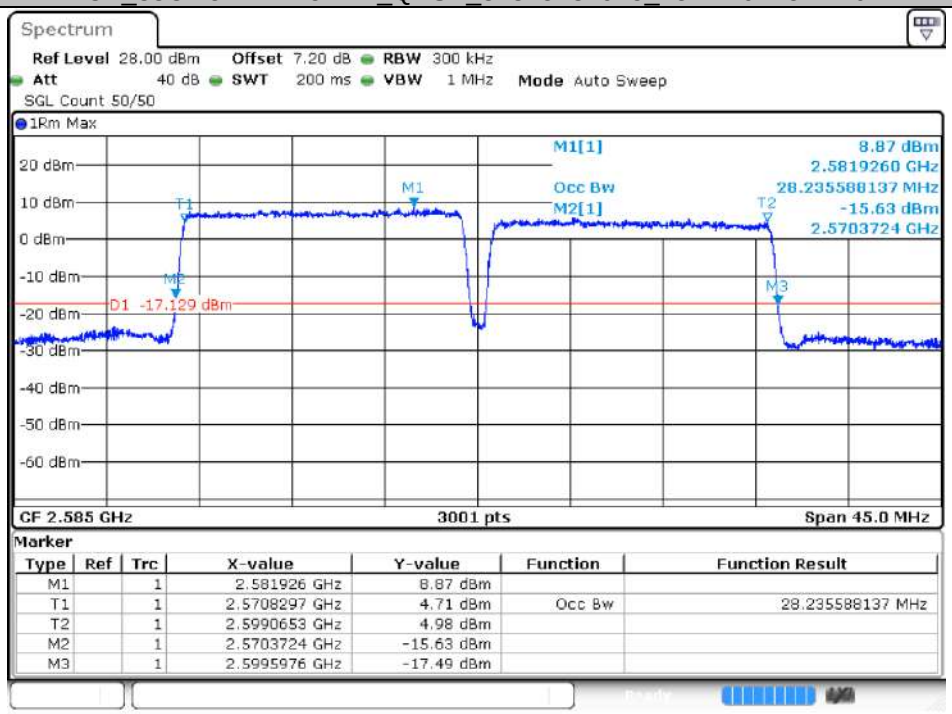
4.1 For LTE

4.1.1 Test Band = LTE Band CA_38C

CA_38C 15MHz+15MHz_QPSK_37825+37975_75RB#0+75RB#0



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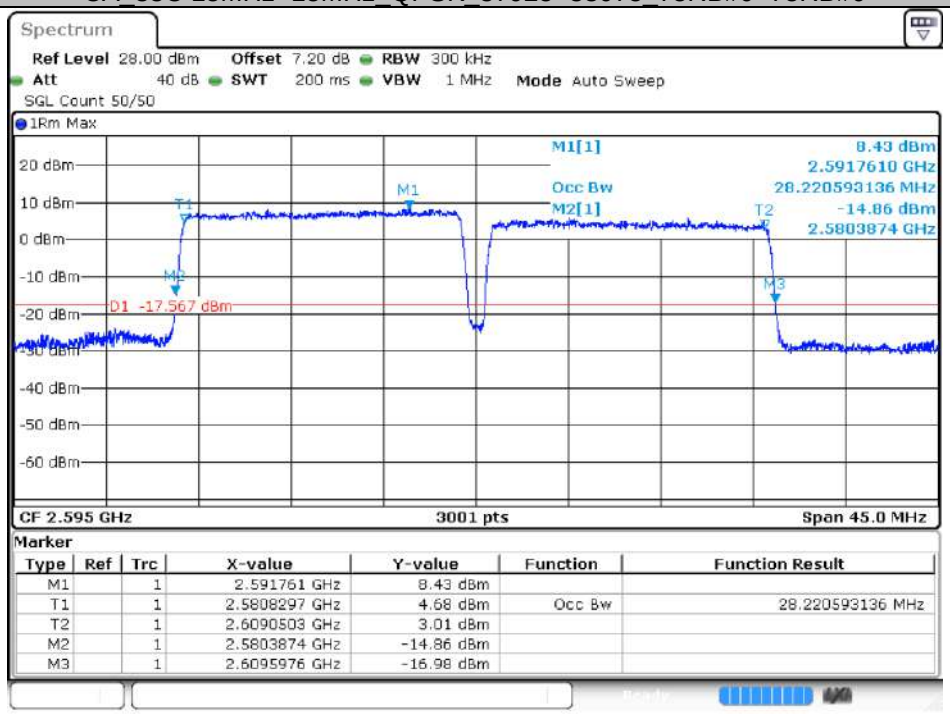
CA_38C 15MHz+15MHz_QPSK_37925+38075_75RB#0+75RB#0



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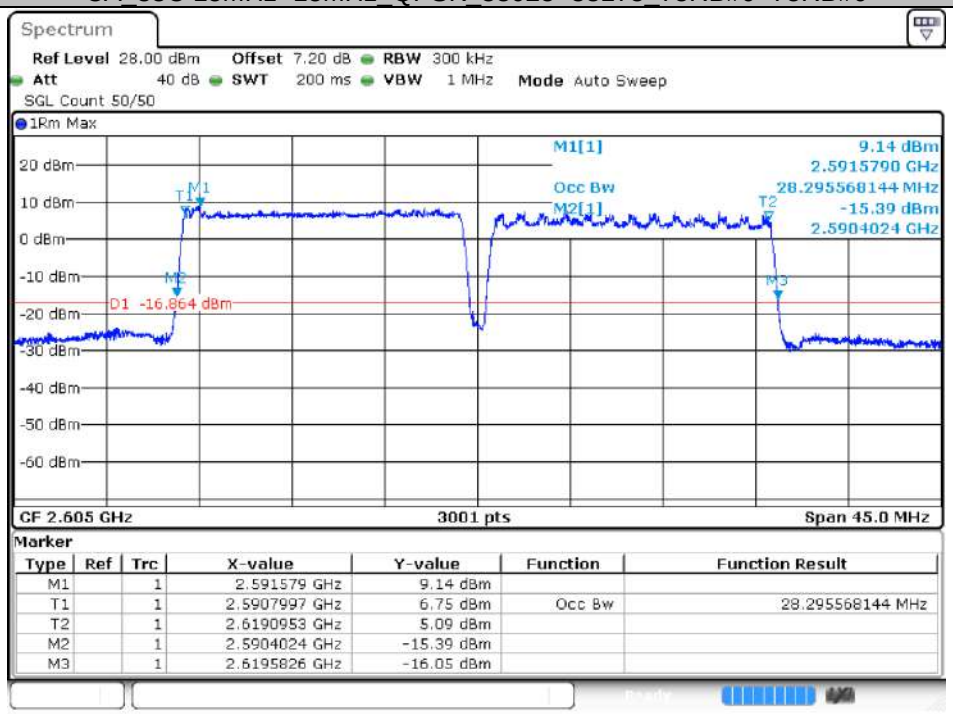

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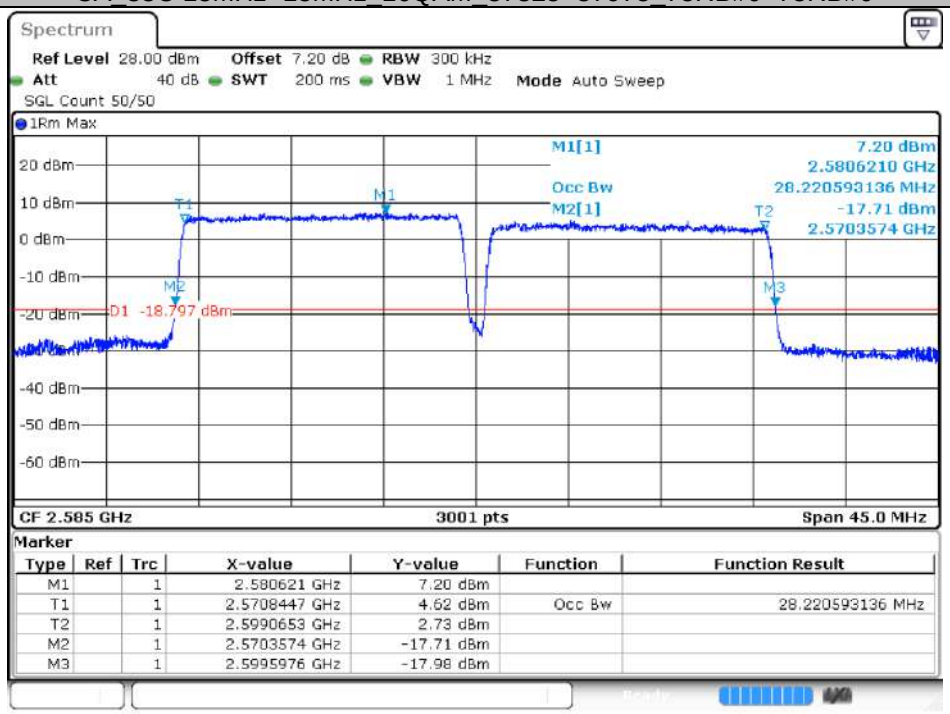
CA_38C 15MHz+15MHz_16QAM_37825+37975_75RB#0+75RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.580621 GHz	7.20 dBm		
T1		1	2.5708447 GHz	4.62 dBm	Occ Bw	28.220593136 MHz
T2		1	2.5990653 GHz	2.73 dBm		
M2		1	2.5703574 GHz	-17.71 dBm		
M3		1	2.5995976 GHz	-17.98 dBm		

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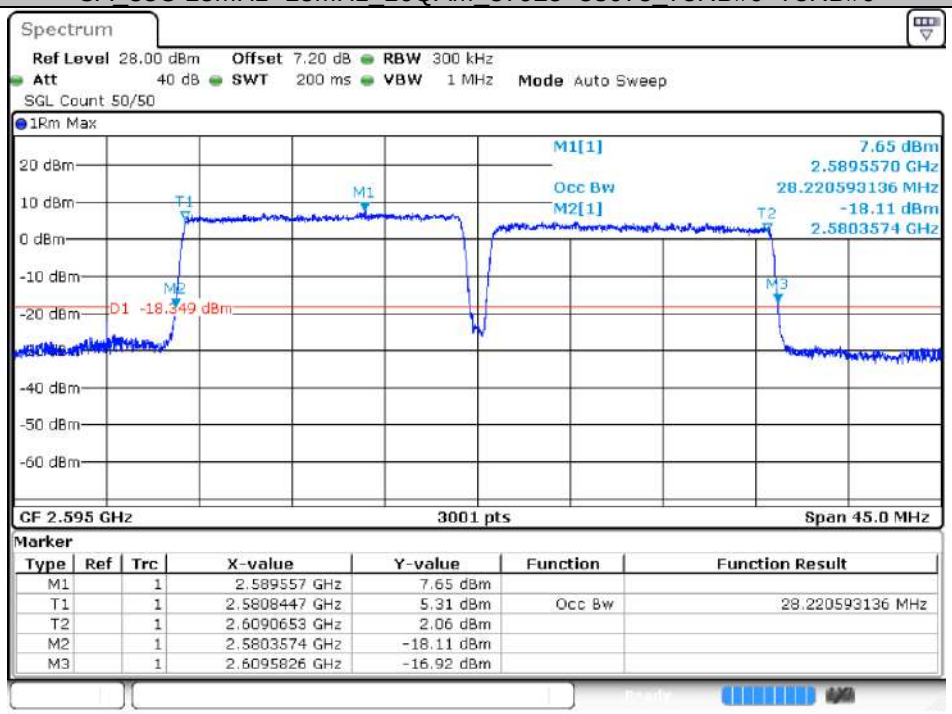
CA_38C 15MHz+15MHz_16QAM_37925+38075_75RB#0+75RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.589557 GHz	7.65 dBm		
T1		1	2.5808447 GHz	5.31 dBm	Occ Bw	28.220593136 MHz
T2		1	2.6090653 GHz	2.06 dBm		
M2		1	2.5803574 GHz	-18.11 dBm		
M3		1	2.6095826 GHz	-16.92 dBm		

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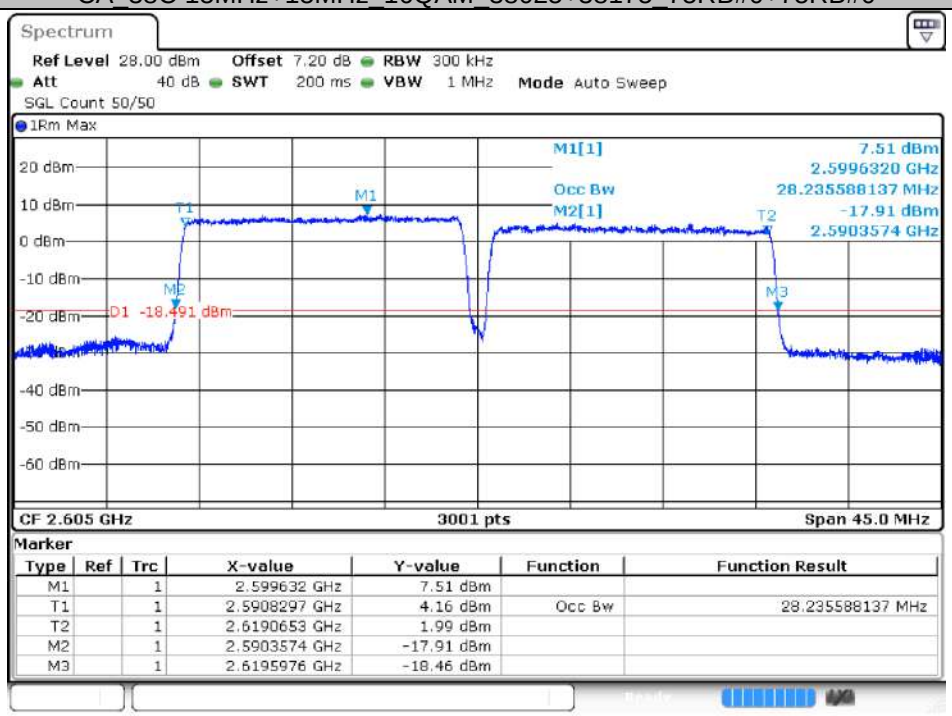
CA_38C 15MHz+15MHz_16QAM_38025+38175_75RB#0+75RB#0

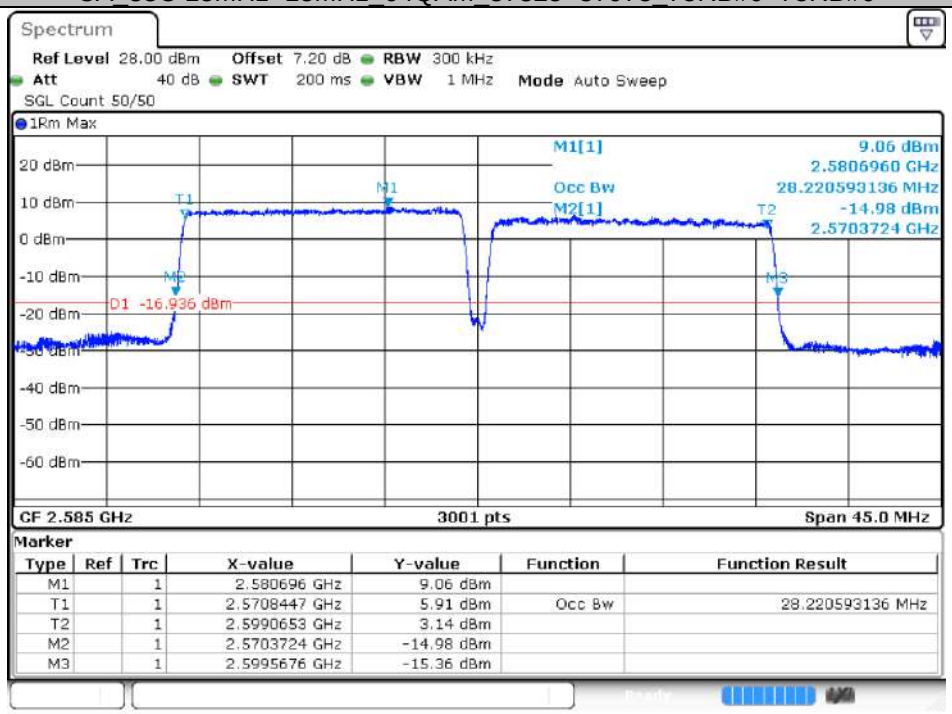


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.599632 GHz	7.51 dBm		
T1		1	2.5908297 GHz	4.16 dBm	Occ Bw	28.235588137 MHz
T2		1	2.6190653 GHz	1.99 dBm		
M2		1	2.5903574 GHz	-17.91 dBm		
M3		1	2.6195976 GHz	-18.46 dBm		

Date: 15.DEC.2020 09:36:13

CA_38C 15MHz+15MHz_64QAM_37825+37975_75RB#0+75RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.580696 GHz	9.06 dBm		
T1		1	2.5708447 GHz	5.91 dBm	Occ Bw	28.220593136 MHz
T2		1	2.5990653 GHz	3.14 dBm		
M2		1	2.5703724 GHz	-14.98 dBm		
M3		1	2.5995676 GHz	-15.36 dBm		

Date: 15.DEC.2020 09:19:44

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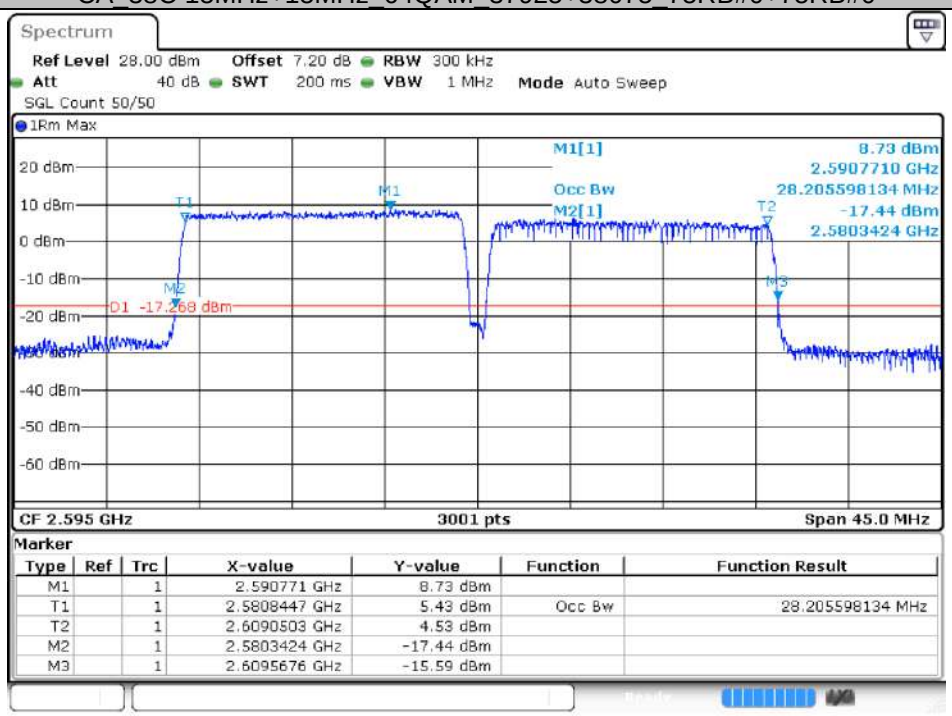

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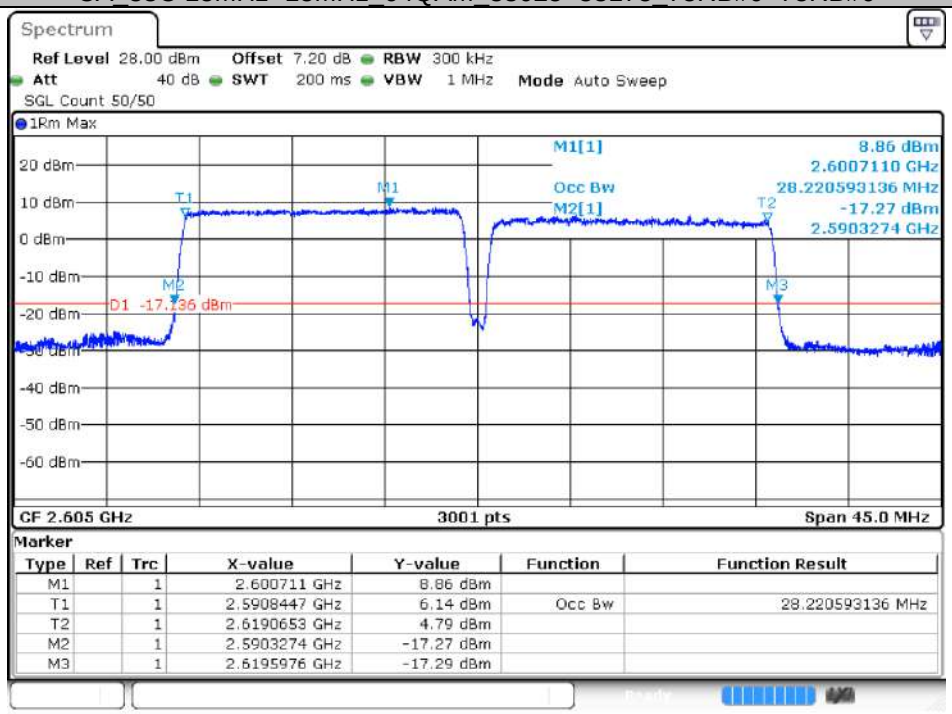

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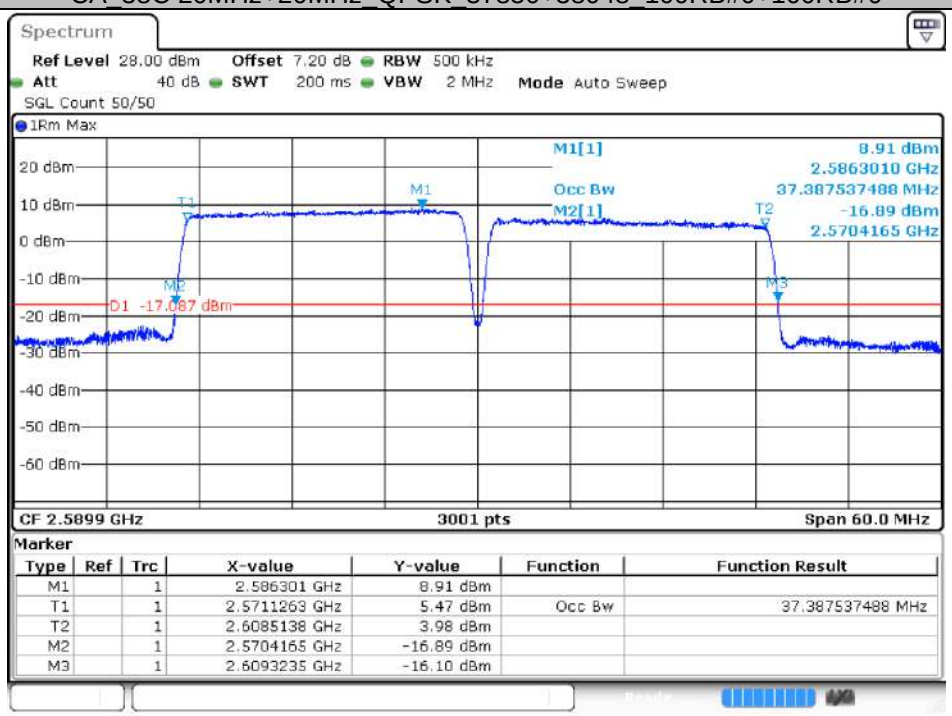
CA_38C 20MHz+20MHz_QPSK_37850+38048_100RB#0+100RB#0

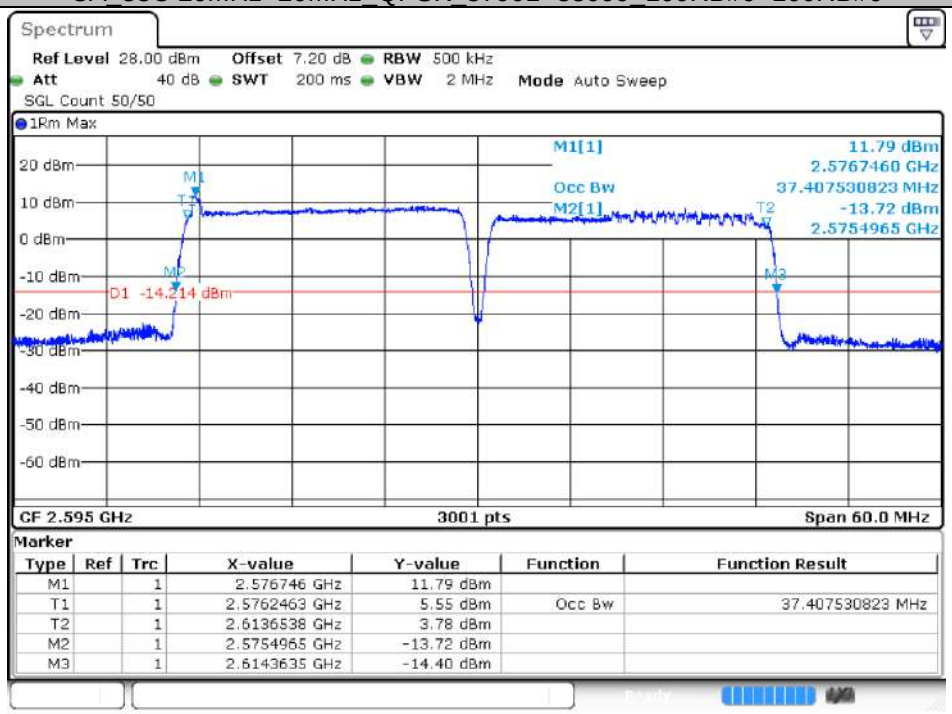


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.586301 GHz	8.91 dBm		
T1		1	2.5711263 GHz	5.47 dBm	Occ Bw	37.387537488 MHz
T2		1	2.6085138 GHz	3.98 dBm		
M2		1	2.5704165 GHz	-16.89 dBm		
M3		1	2.6093235 GHz	-16.10 dBm		

Date: 15.DEC.2020 09:38:32

CA_38C 20MHz+20MHz_QPSK_37901+38099_100RB#0+100RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.576746 GHz	11.79 dBm		
T1		1	2.5762463 GHz	5.55 dBm	Occ Bw	37.407530823 MHz
T2		1	2.6136538 GHz	3.78 dBm		
M2		1	2.5754965 GHz	-13.72 dBm		
M3		1	2.6143635 GHz	-14.40 dBm		

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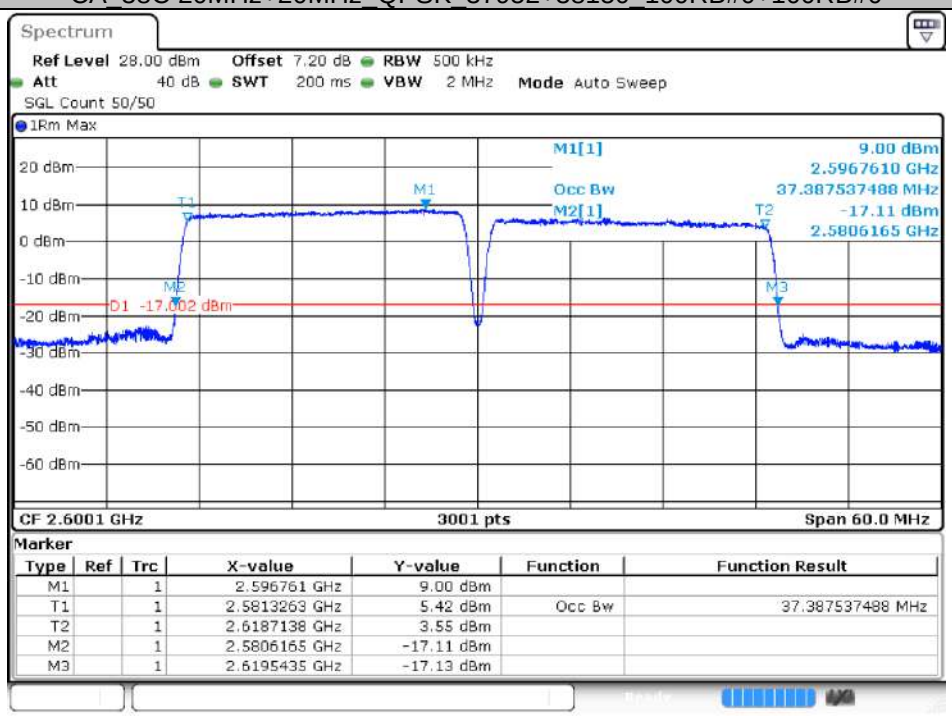
CA_38C 20MHz+20MHz_QPSK_37952+38150_100RB#0+100RB#0



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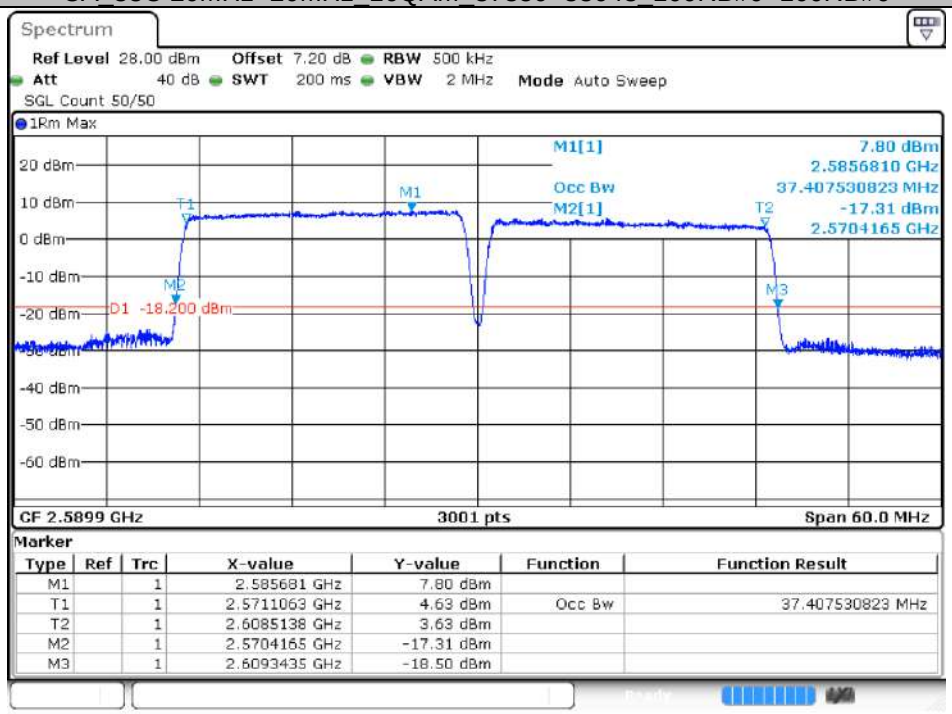
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.596761 GHz	9.00 dBm		
T1		1	2.5813263 GHz	5.42 dBm	Occ Bw	37.387537488 MHz
T2		1	2.6187138 GHz	3.55 dBm		
M2		1	2.5806165 GHz	-17.11 dBm		
M3		1	2.6195435 GHz	-17.13 dBm		

Date: 15.DEC.2020 09:42:34

CA_38C 20MHz+20MHz_16QAM_37850+38048_100RB#0+100RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.585681 GHz	7.80 dBm		
T1		1	2.5711063 GHz	4.63 dBm	Occ Bw	37.407530823 MHz
T2		1	2.6085138 GHz	3.63 dBm		
M2		1	2.5704165 GHz	-17.31 dBm		
M3		1	2.6093435 GHz	-18.50 dBm		

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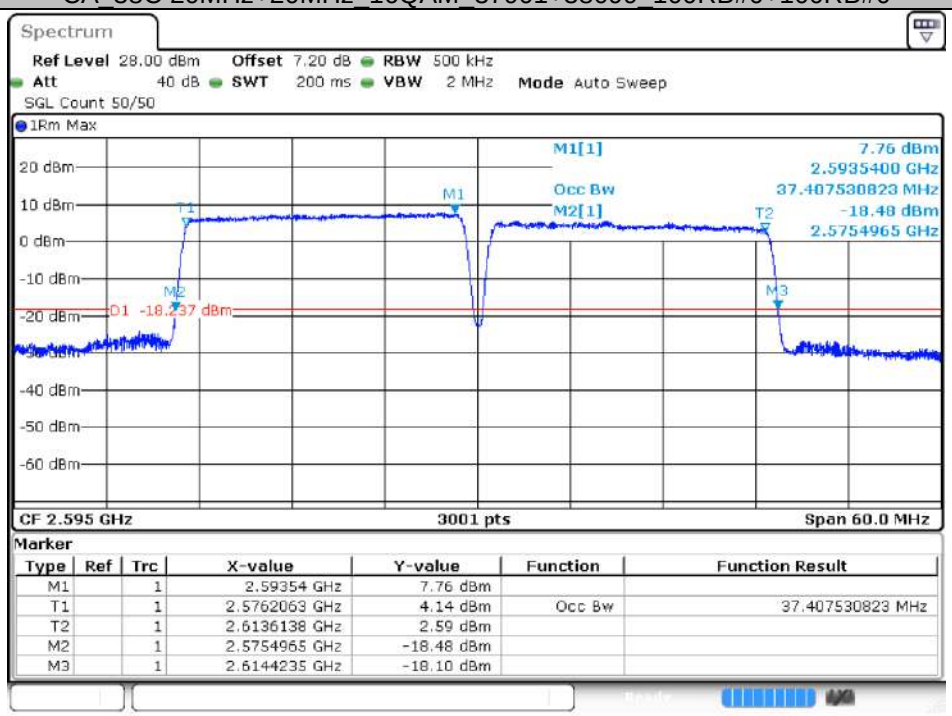
CA_38C 20MHz+20MHz_16QAM_37901+38099_100RB#0+100RB#0

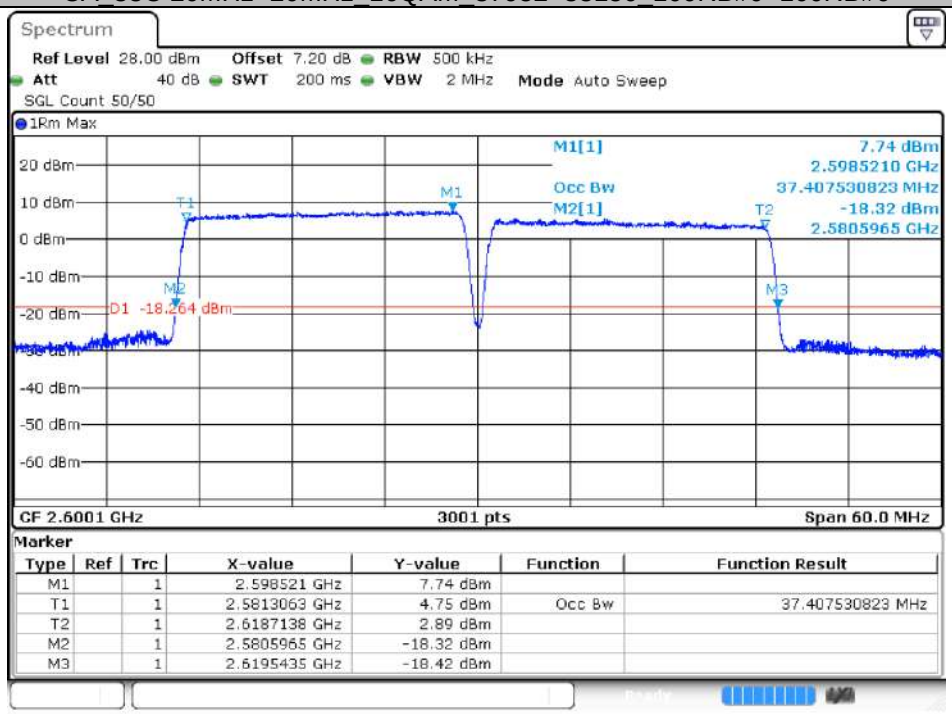


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59354 GHz	7.76 dBm		
T1		1	2.5762063 GHz	4.14 dBm	Occ Bw	37.407530823 MHz
T2		1	2.6136138 GHz	2.59 dBm		
M2		1	2.5754965 GHz	-18.48 dBm		
M3		1	2.6144235 GHz	-18.10 dBm		

Date: 15.DEC.2020 09:40:20

CA_38C 20MHz+20MHz_16QAM_37952+38150_100RB#0+100RB#0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.598521 GHz	7.74 dBm		
T1		1	2.5813063 GHz	4.75 dBm	Occ Bw	37.407530823 MHz
T2		1	2.6187138 GHz	2.89 dBm		
M2		1	2.5805965 GHz	-18.32 dBm		
M3		1	2.6195435 GHz	-18.42 dBm		

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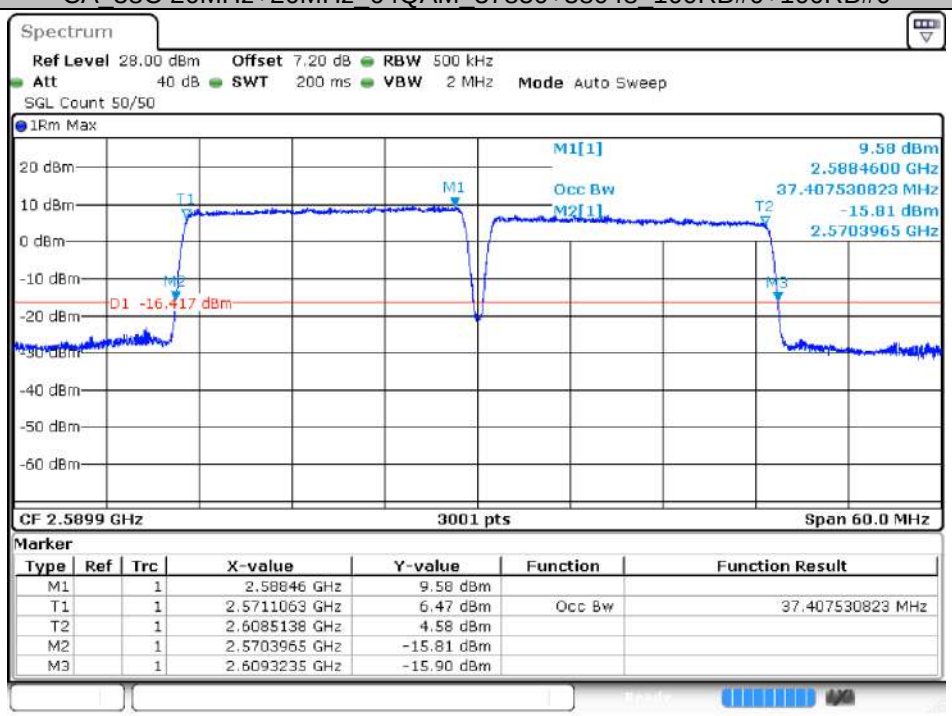
CA_38C 20MHz+20MHz_64QAM_37850+38048_100RB#0+100RB#0



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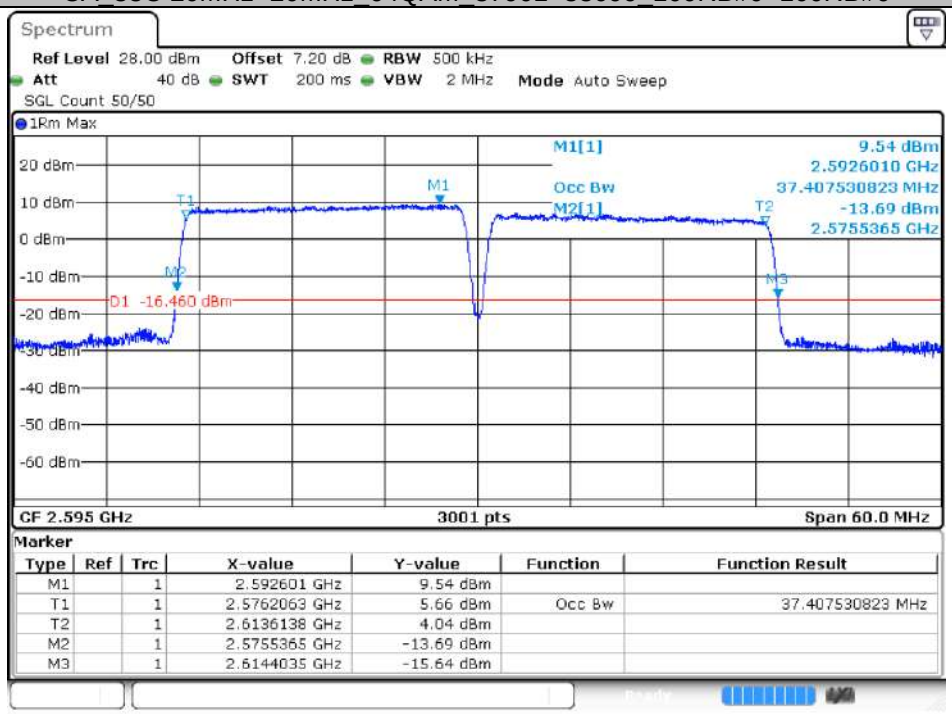
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58846 GHz	9.58 dBm		
T1		1	2.5711063 GHz	6.47 dBm	Occ Bw	37.407530823 MHz
T2		1	2.6085138 GHz	4.58 dBm		
M2		1	2.5703965 GHz	-15.81 dBm		
M3		1	2.6093235 GHz	-15.90 dBm		

Date: 15.DEC.2020 09:39:04

CA_38C 20MHz+20MHz_64QAM_37901+38099_100RB#0+100RB#0



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.592601 GHz	9.54 dBm		
T1		1	2.5762063 GHz	5.66 dBm	Occ Bw	37.407530823 MHz
T2		1	2.6136138 GHz	4.04 dBm		
M2		1	2.5755365 GHz	-13.69 dBm		
M3		1	2.6144035 GHz	-15.64 dBm		

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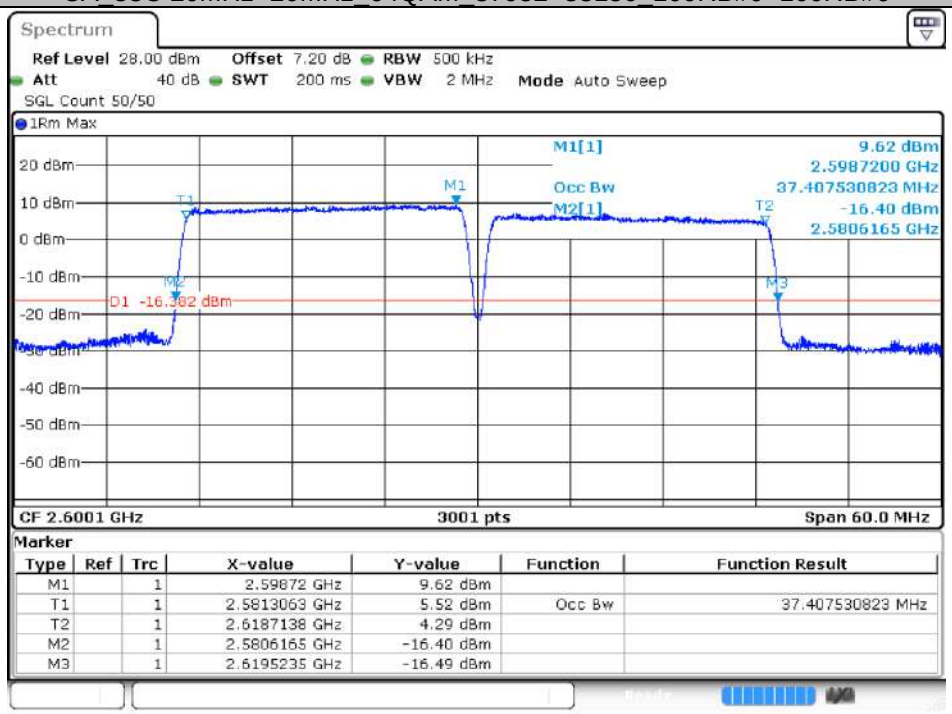

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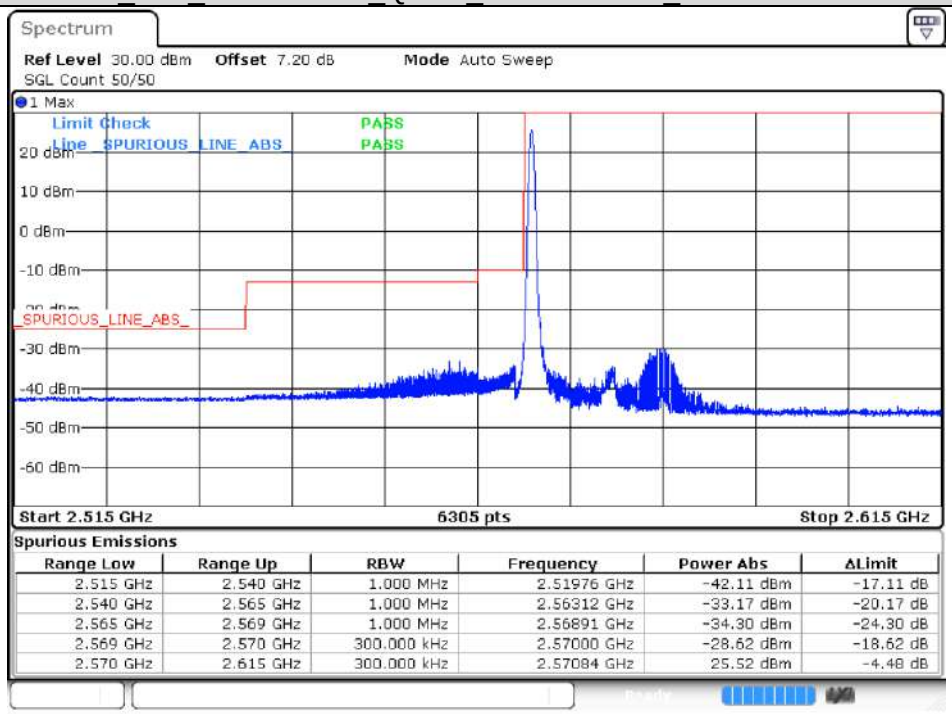
5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_38C

CA_38C_75RB+75RB_QPSK_37825+37975_1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.51976 GHz	-42.11 dBm	-17.11 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56312 GHz	-33.17 dBm	-20.17 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56891 GHz	-34.30 dBm	-24.30 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-28.62 dBm	-18.62 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.57084 GHz	25.52 dBm	-4.48 dB

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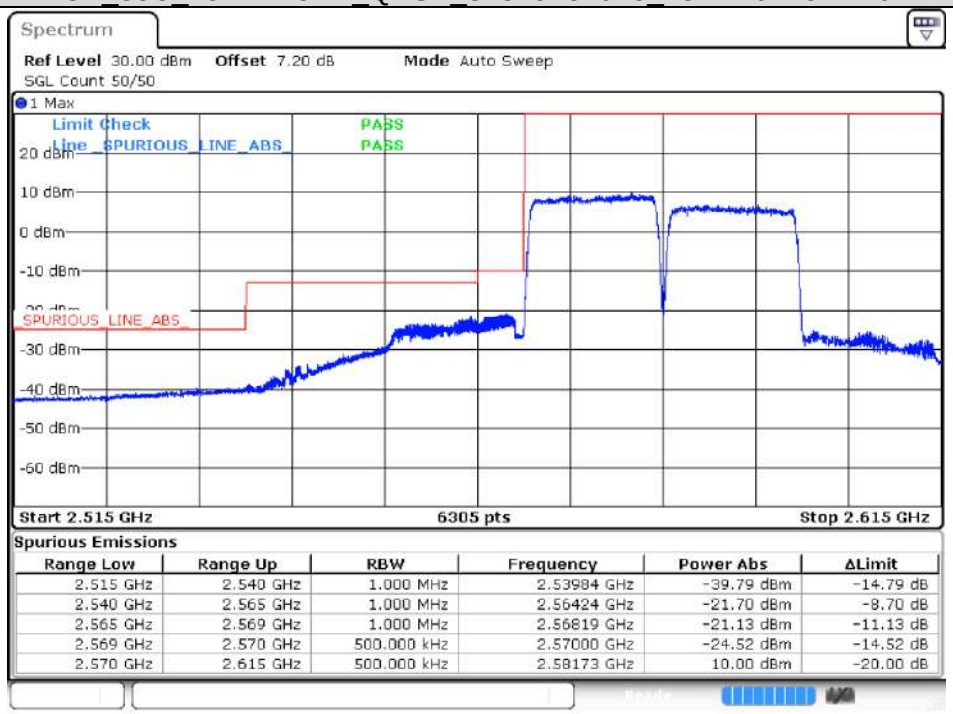
CA_38C_75RB+75RB_QPSK_37825+37975_75RB#0+75RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.53984 GHz	-39.79 dBm	-14.79 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56424 GHz	-21.70 dBm	-8.70 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56819 GHz	-21.13 dBm	-11.13 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-24.52 dBm	-14.52 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.58173 GHz	10.00 dBm	-20.00 dB

Date: 15.DEC.2020 09:45:36

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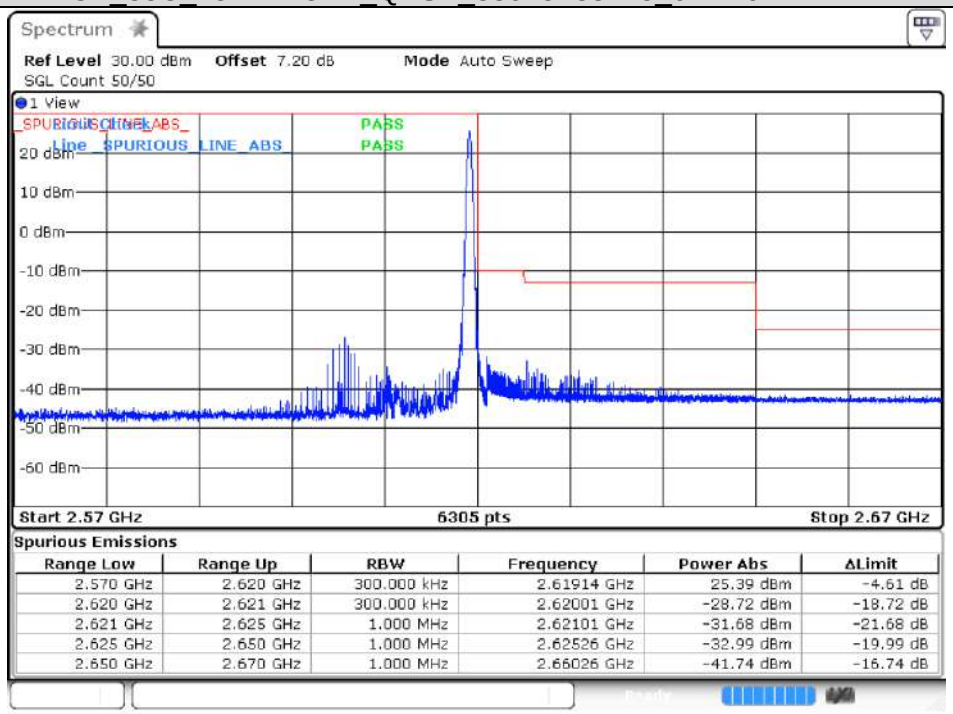

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.61914 GHz	25.39 dBm	-4.61 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62001 GHz	-28.72 dBm	-18.72 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-31.68 dBm	-21.68 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62526 GHz	-32.99 dBm	-19.99 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.66026 GHz	-41.74 dBm	-16.74 dB

Date: 15.DEC.2020 09:48:41

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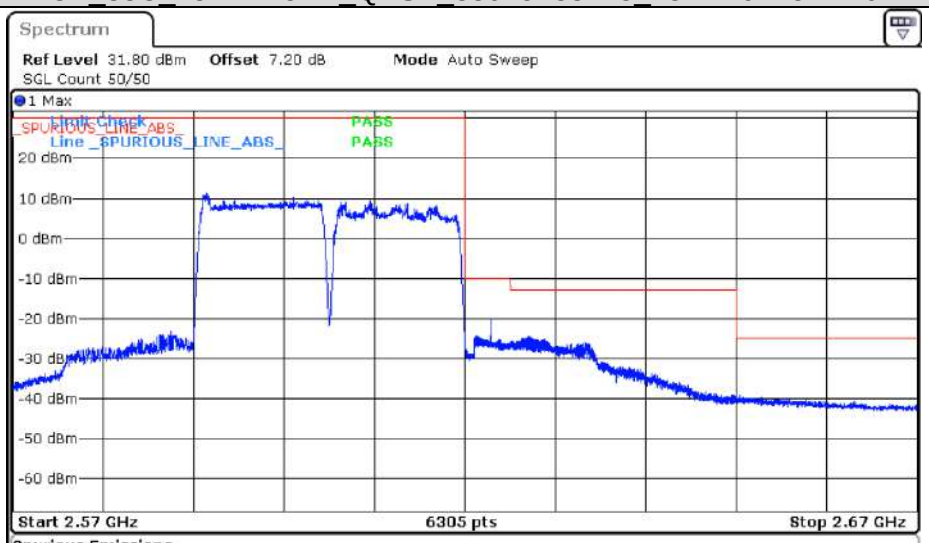

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.59135 GHz	11.30 dBm	-18.70 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-26.85 dBm	-16.85 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62288 GHz	-20.03 dBm	-10.03 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62724 GHz	-24.58 dBm	-11.58 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65043 GHz	-39.14 dBm	-14.14 dB

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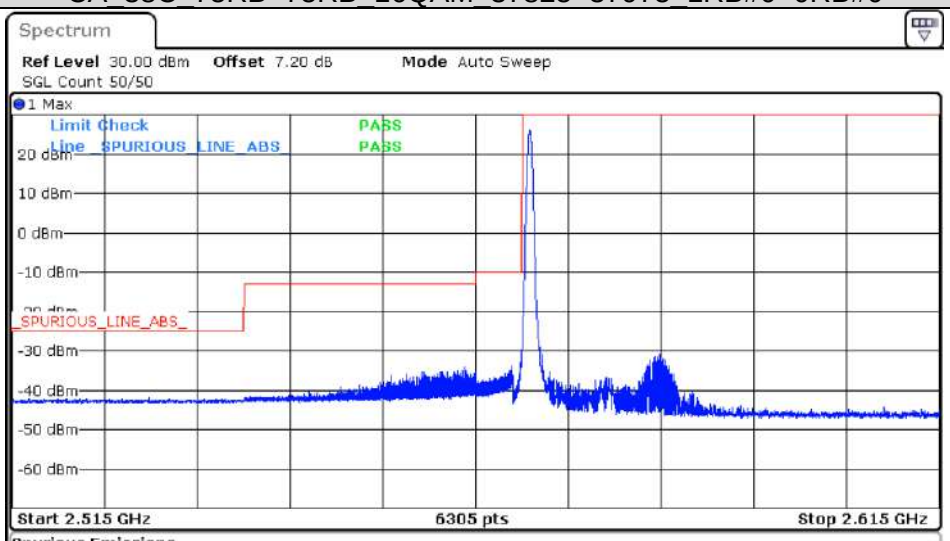

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.52985 GHz	-41.82 dBm	-16.82 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56388 GHz	-34.04 dBm	-21.04 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56892 GHz	-33.77 dBm	-23.77 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-29.56 dBm	-19.56 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.57080 GHz	26.02 dBm	-3.98 dB

Date: 15.DEC.2020 09:44:21

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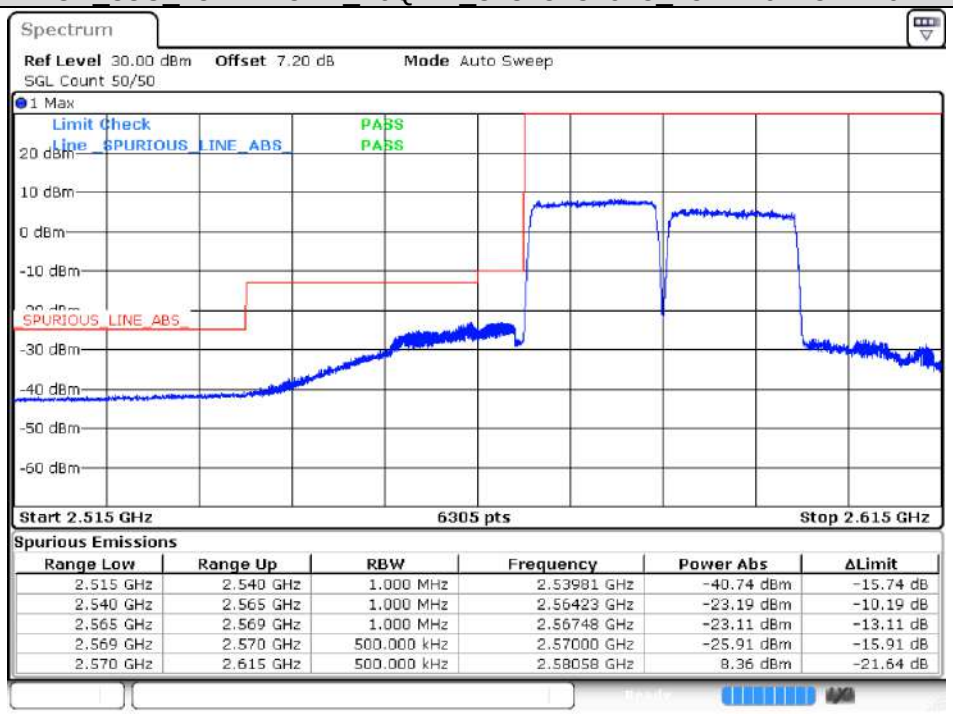

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.53981 GHz	-40.74 dBm	-15.74 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56423 GHz	-23.19 dBm	-10.19 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56748 GHz	-23.11 dBm	-13.11 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-25.91 dBm	-15.91 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.58058 GHz	8.36 dBm	-21.64 dB

Date: 15.DEC.2020 09:46:04

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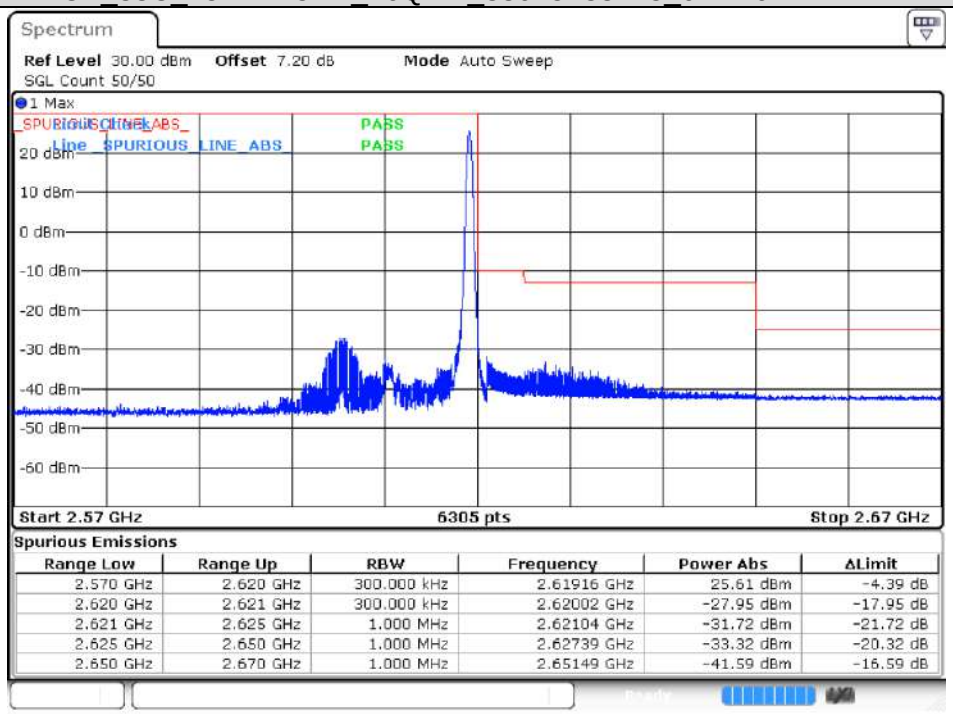

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.61916 GHz	25.61 dBm	-4.39 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62002 GHz	-27.95 dBm	-17.95 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62104 GHz	-31.72 dBm	-21.72 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62739 GHz	-33.32 dBm	-20.32 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65149 GHz	-41.59 dBm	-16.59 dB

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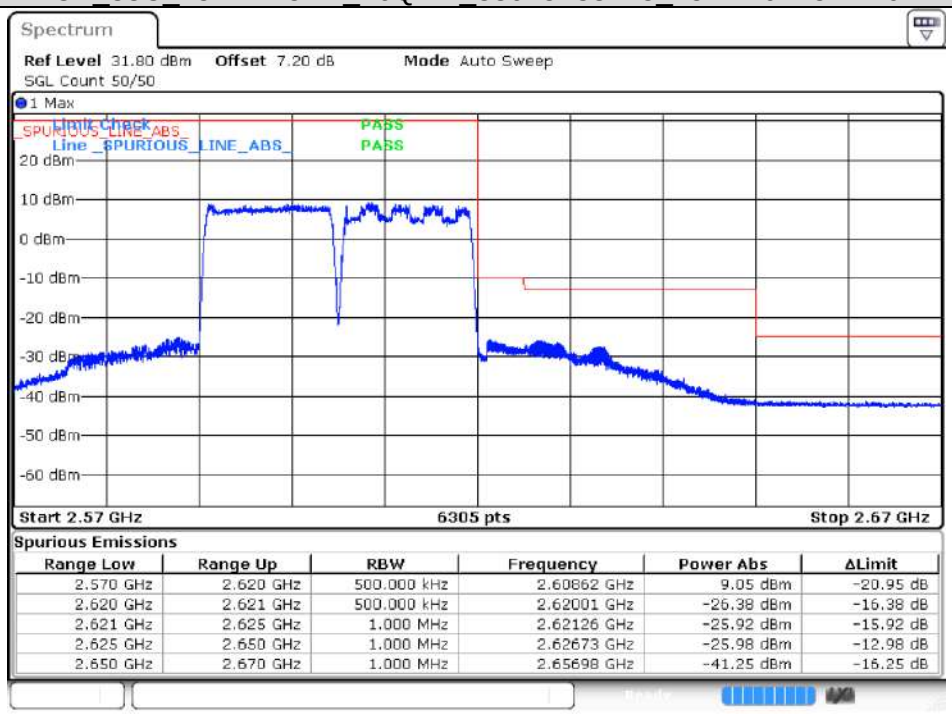
CA_38C_75RB+75RB_16QAM_38025+38175_75RB#0+75RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.60862 GHz	9.05 dBm	-20.95 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-26.38 dBm	-16.38 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62126 GHz	-25.92 dBm	-15.92 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62673 GHz	-25.98 dBm	-12.98 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65698 GHz	-41.25 dBm	-16.25 dB

Date: 15.DEC.2020 09:51:17

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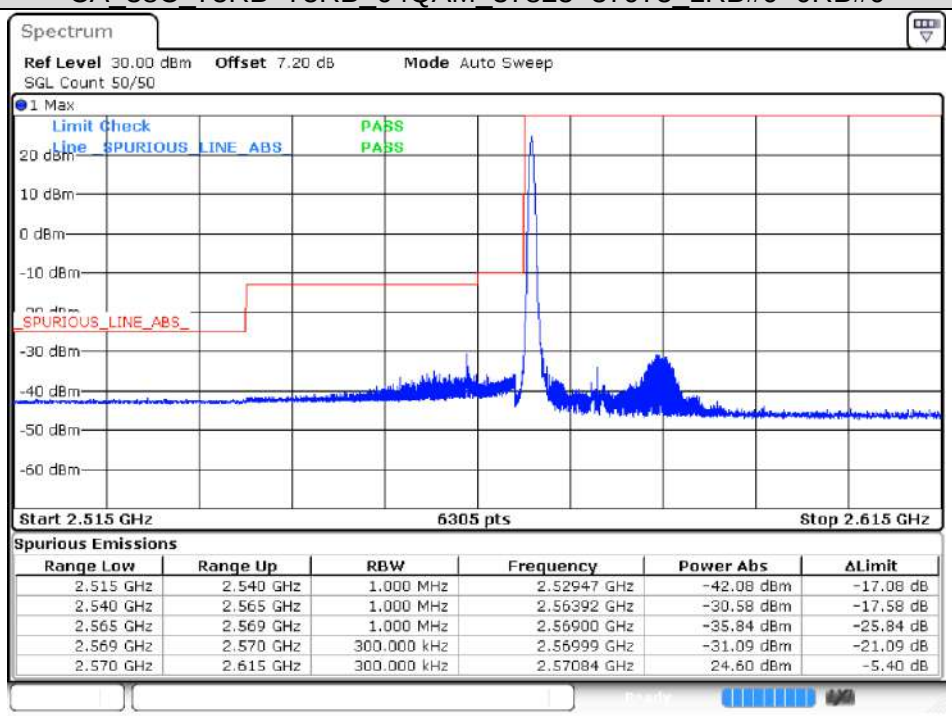

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.52947 GHz	-42.08 dBm	-17.08 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56392 GHz	-30.58 dBm	-17.58 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56900 GHz	-35.84 dBm	-25.84 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-31.09 dBm	-21.09 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.57084 GHz	24.60 dBm	-5.40 dB

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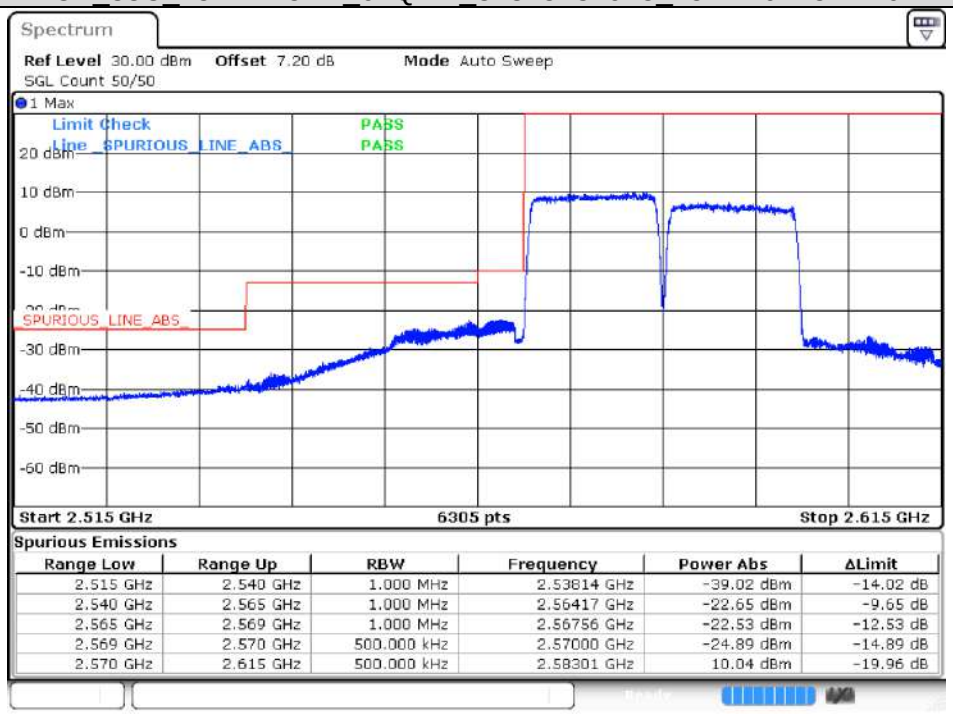

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.53814 GHz	-39.02 dBm	-14.02 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56417 GHz	-22.65 dBm	-9.65 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56756 GHz	-22.53 dBm	-12.53 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-24.89 dBm	-14.89 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.58301 GHz	10.04 dBm	-19.96 dB

Date: 15.DEC.2020 09:46:32

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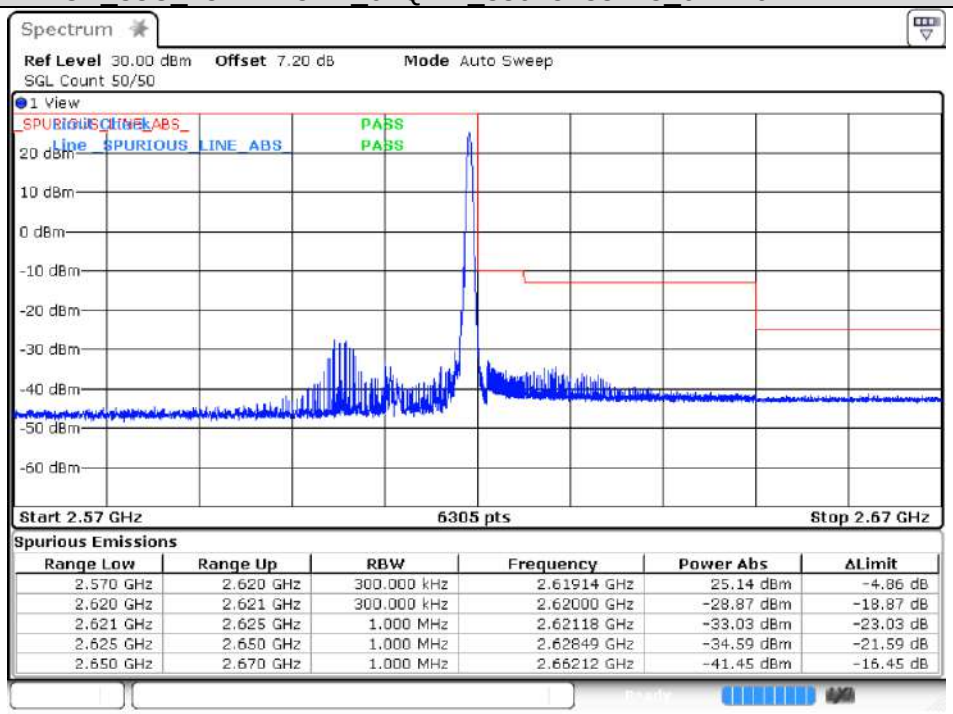

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.61914 GHz	25.14 dBm	-4.86 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-28.87 dBm	-18.87 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62118 GHz	-33.03 dBm	-23.03 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62849 GHz	-34.59 dBm	-21.59 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.66212 GHz	-41.45 dBm	-16.45 dB

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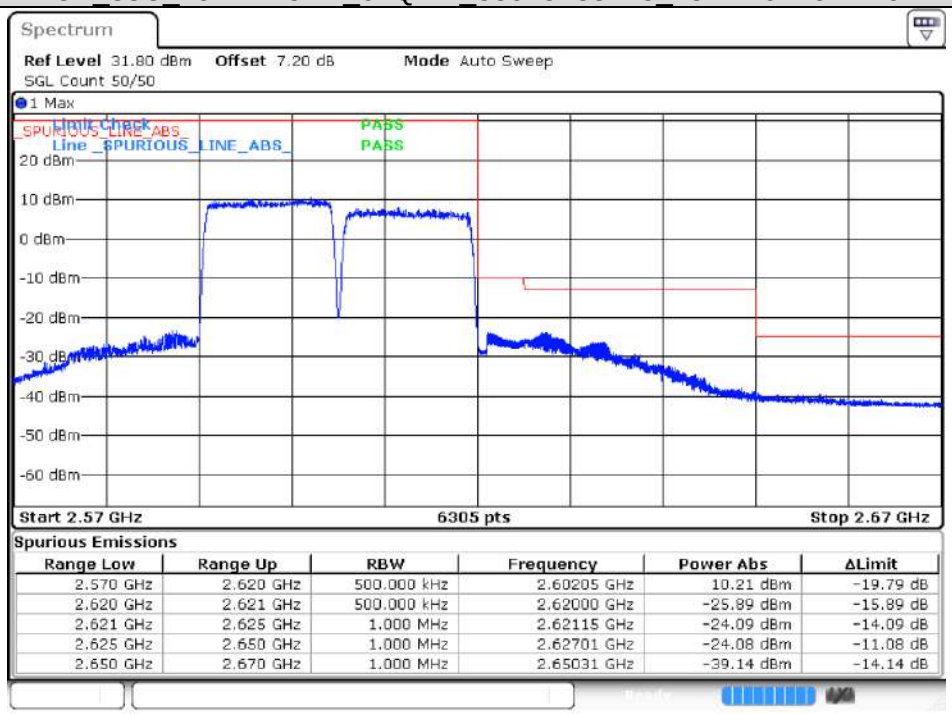

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.60205 GHz	10.21 dBm	-19.79 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-25.89 dBm	-15.89 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62115 GHz	-24.09 dBm	-14.09 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62701 GHz	-24.08 dBm	-11.08 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65031 GHz	-39.14 dBm	-14.14 dB

Date: 15.DEC.2020 09:51:38

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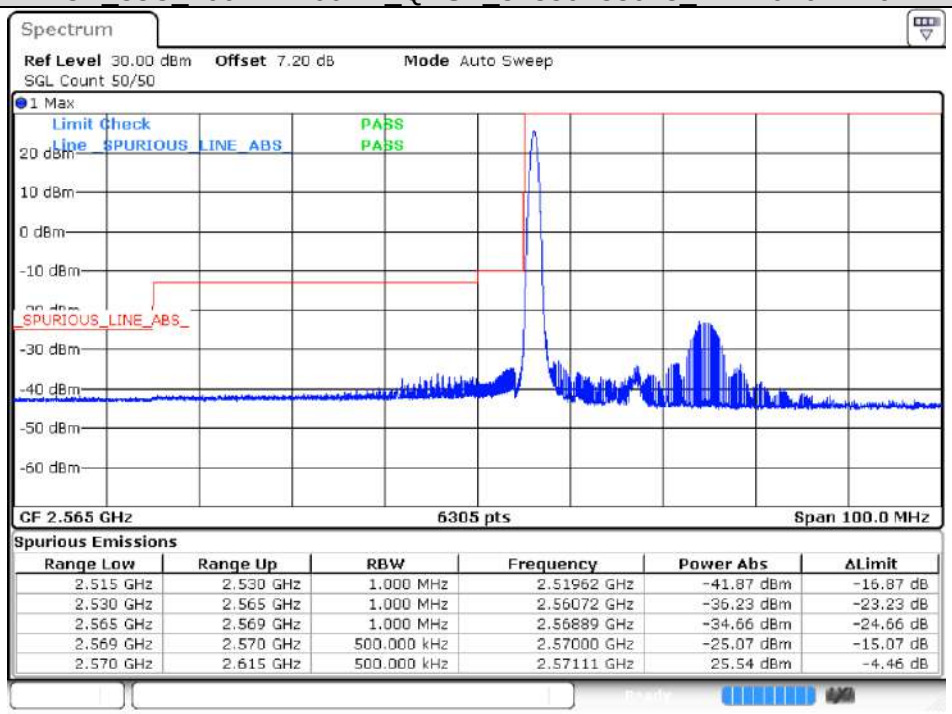

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.51962 GHz	-41.87 dBm	-16.87 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56072 GHz	-36.23 dBm	-23.23 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56889 GHz	-34.66 dBm	-24.66 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-25.07 dBm	-15.07 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.57111 GHz	25.54 dBm	-4.46 dB

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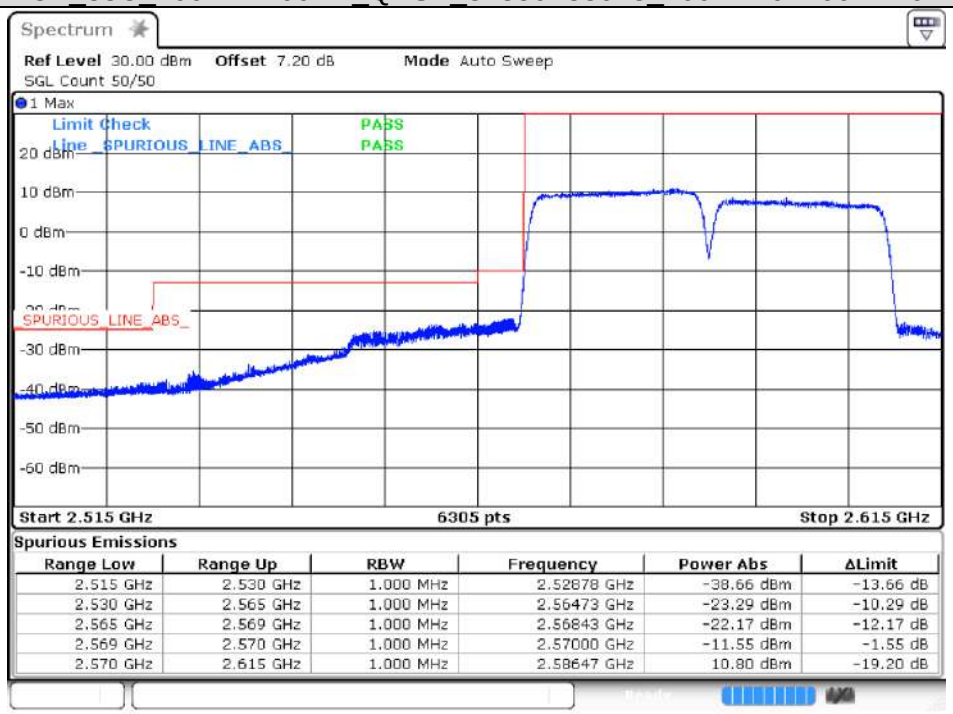

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52878 GHz	-38.66 dBm	-13.66 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56473 GHz	-23.29 dBm	-10.29 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56843 GHz	-22.17 dBm	-12.17 dB
2.569 GHz	2.570 GHz	1.000 MHz	2.57000 GHz	-11.55 dBm	-1.55 dB
2.570 GHz	2.615 GHz	1.000 MHz	2.58647 GHz	10.80 dBm	-19.20 dB

Date: 15.DEC.2020 09:56:28

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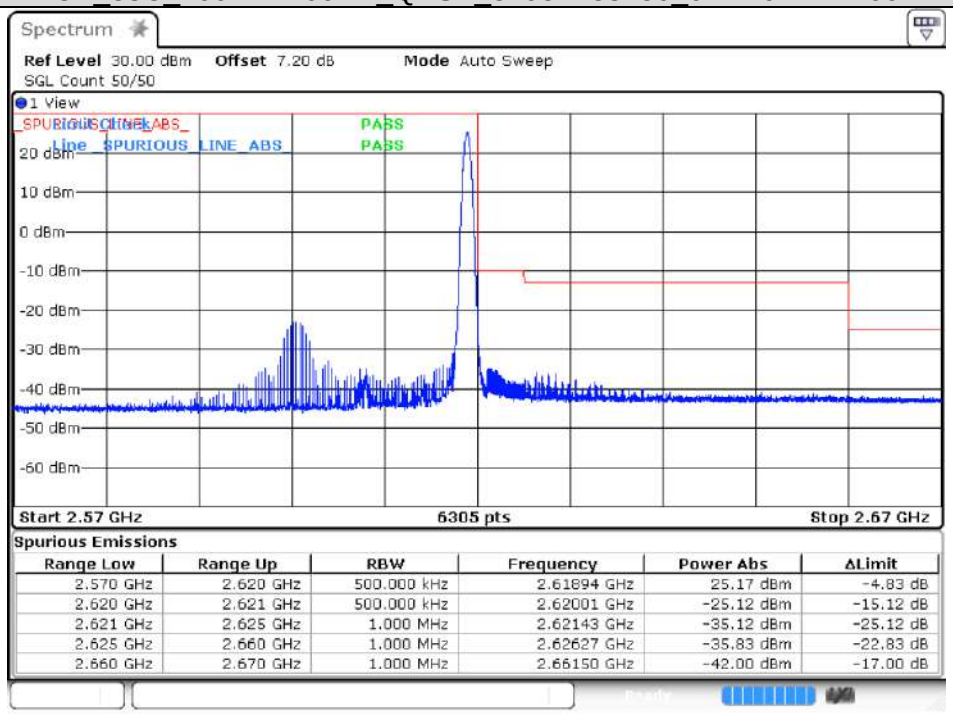

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.61894 GHz	25.17 dBm	-4.83 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-25.12 dBm	-15.12 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62143 GHz	-35.12 dBm	-25.12 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62627 GHz	-35.83 dBm	-22.83 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66150 GHz	-42.00 dBm	-17.00 dB

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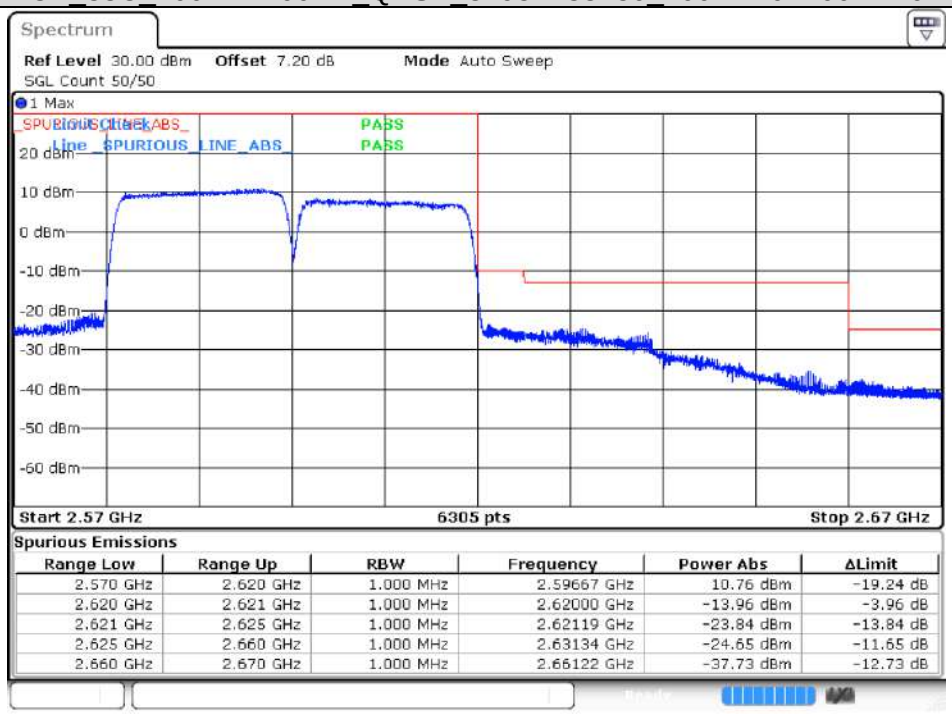

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	1.000 MHz	2.59667 GHz	10.76 dBm	-19.24 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62000 GHz	-13.96 dBm	-3.96 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62119 GHz	-23.84 dBm	-13.84 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.63134 GHz	-24.65 dBm	-11.65 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66122 GHz	-37.73 dBm	-12.73 dB

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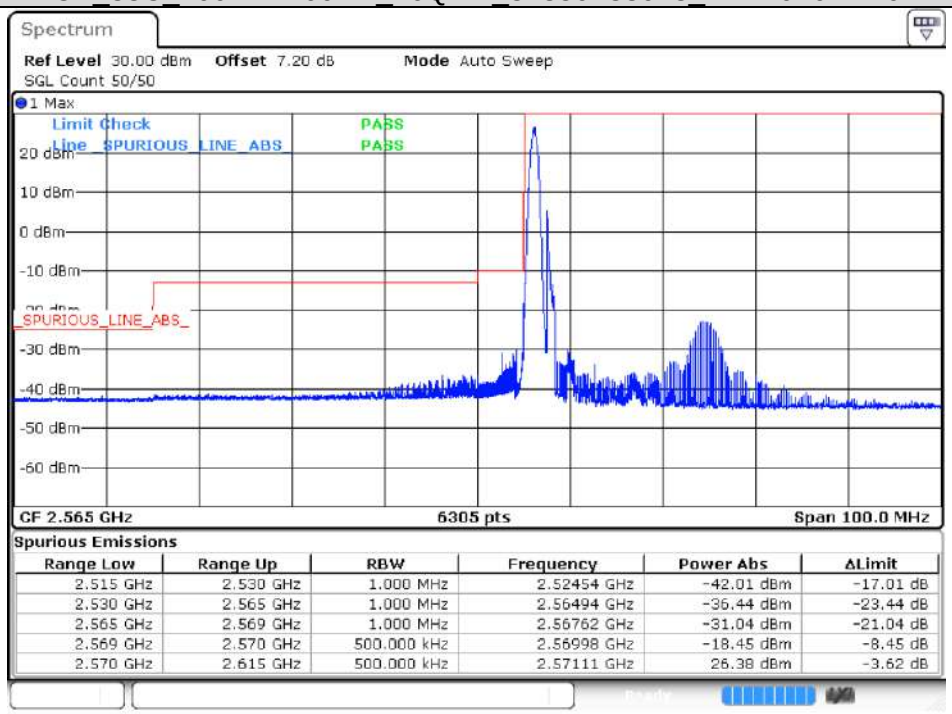

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52454 GHz	-42.01 dBm	-17.01 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56494 GHz	-36.44 dBm	-23.44 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56762 GHz	-31.04 dBm	-21.04 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56998 GHz	-18.45 dBm	-8.45 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.57111 GHz	26.38 dBm	-3.62 dB

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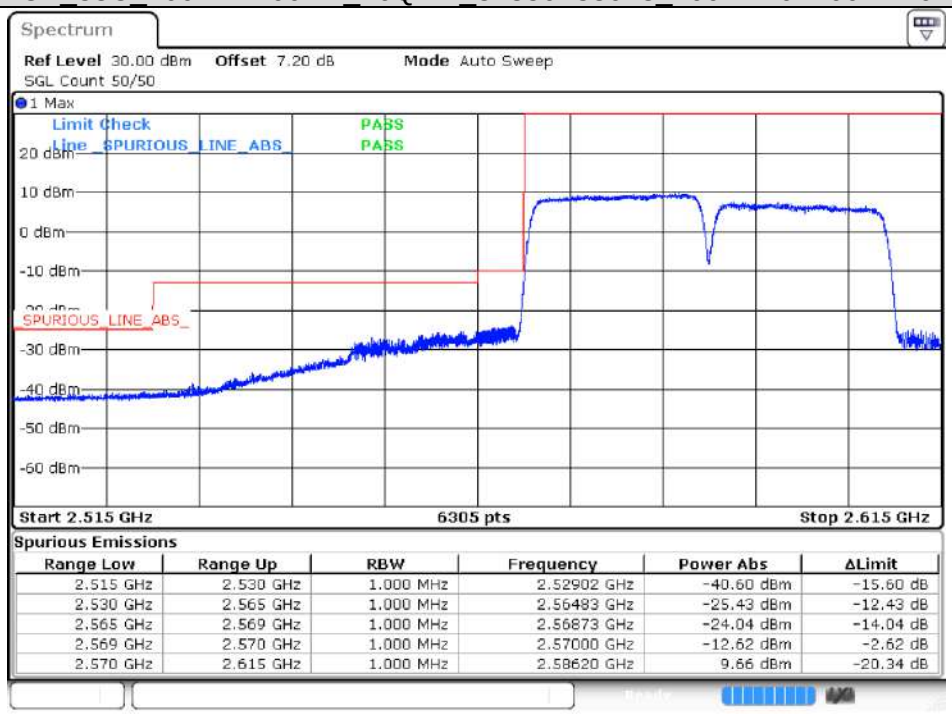

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52902 GHz	-40.60 dBm	-15.60 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56483 GHz	-25.43 dBm	-12.43 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56873 GHz	-24.04 dBm	-14.04 dB
2.569 GHz	2.570 GHz	1.000 MHz	2.57000 GHz	-12.62 dBm	-2.62 dB
2.570 GHz	2.615 GHz	1.000 MHz	2.58620 GHz	9.66 dBm	-20.34 dB

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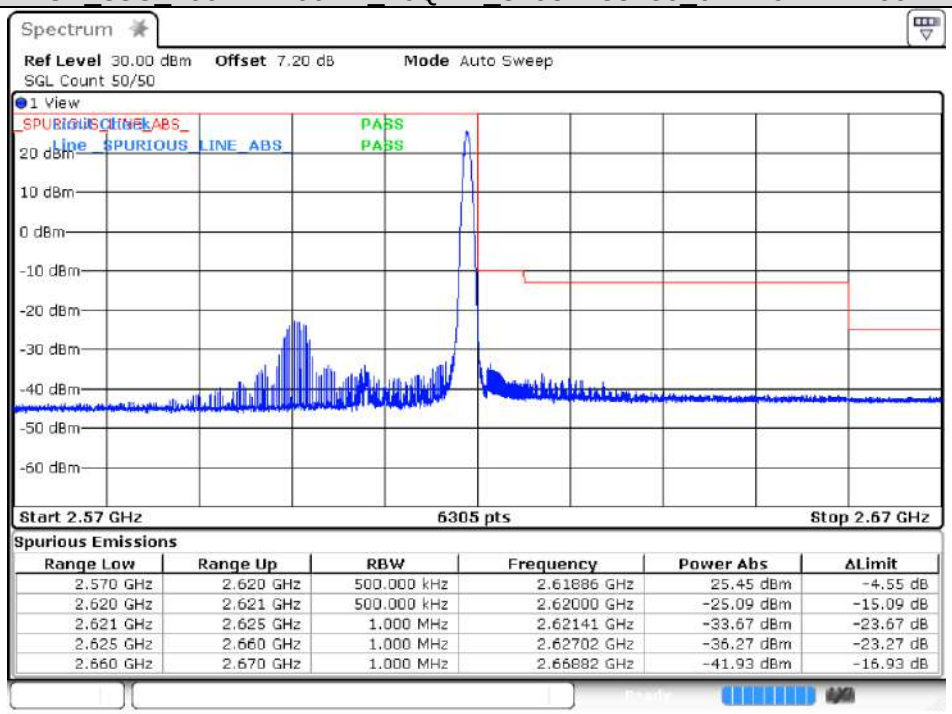

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.61886 GHz	25.45 dBm	-4.55 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-25.09 dBm	-15.09 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62141 GHz	-33.67 dBm	-23.67 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62702 GHz	-36.27 dBm	-23.27 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66882 GHz	-41.93 dBm	-16.93 dB

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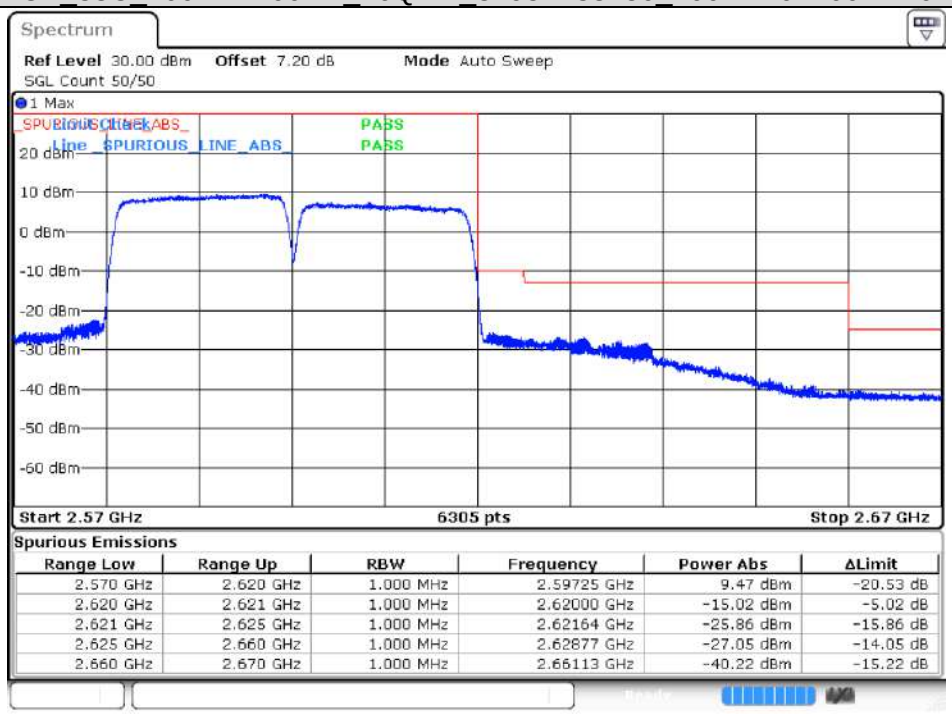

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	1.000 MHz	2.59725 GHz	9.47 dBm	-20.53 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62000 GHz	-15.02 dBm	-5.02 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62164 GHz	-25.86 dBm	-15.86 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62877 GHz	-27.05 dBm	-14.05 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66113 GHz	-40.22 dBm	-15.22 dB

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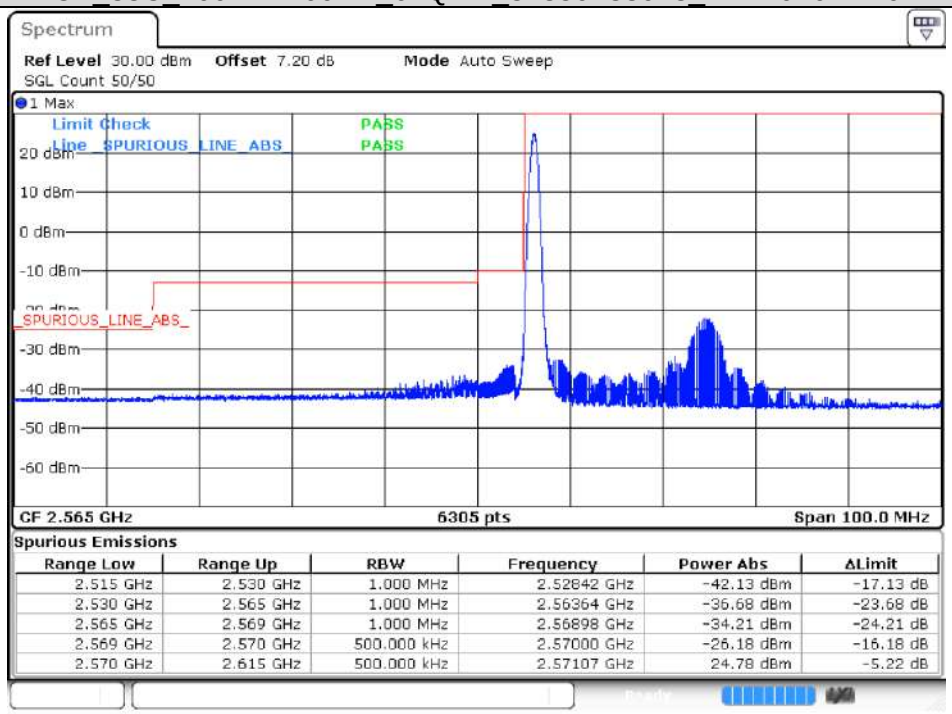

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52842 GHz	-42.13 dBm	-17.13 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56364 GHz	-36.68 dBm	-23.68 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56898 GHz	-34.21 dBm	-24.21 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-26.18 dBm	-16.18 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.57107 GHz	24.78 dBm	-5.22 dB

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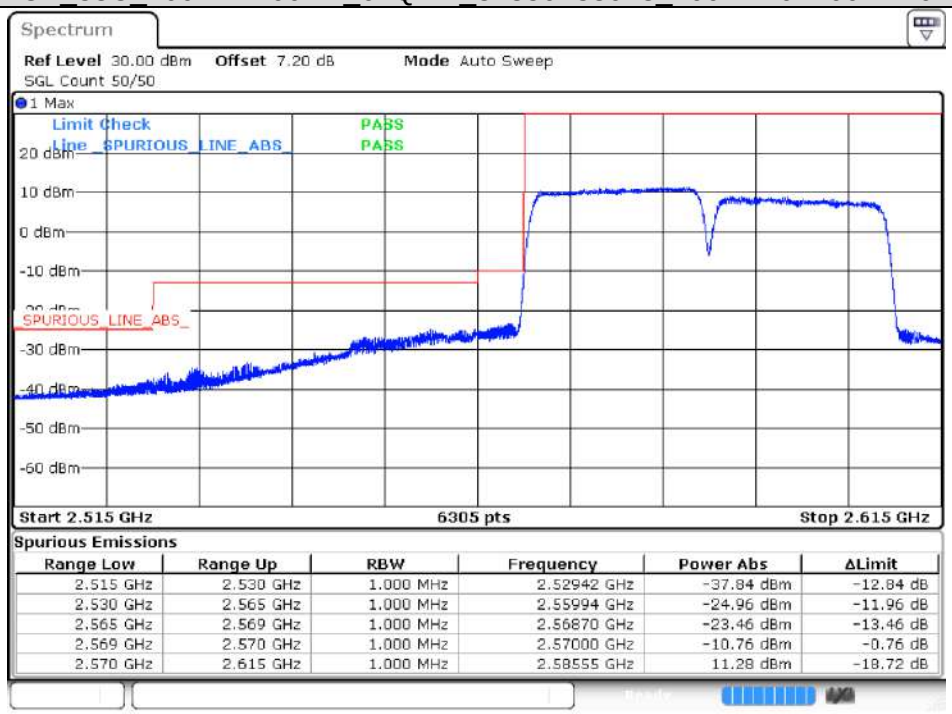

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52942 GHz	-37.84 dBm	-12.84 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.55994 GHz	-24.96 dBm	-11.96 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56870 GHz	-23.46 dBm	-13.46 dB
2.569 GHz	2.570 GHz	1.000 MHz	2.57000 GHz	-10.76 dBm	-0.76 dB
2.570 GHz	2.615 GHz	1.000 MHz	2.58555 GHz	11.28 dBm	-18.72 dB

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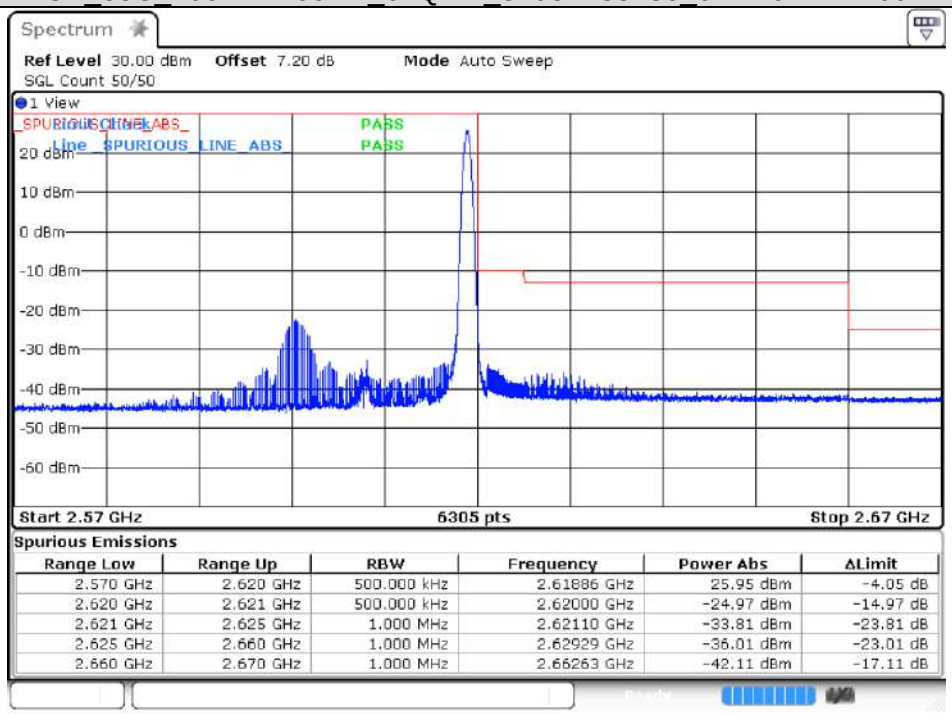

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.61886 GHz	25.95 dBm	-4.05 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-24.97 dBm	-14.97 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62110 GHz	-33.81 dBm	-23.81 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62929 GHz	-36.01 dBm	-23.01 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66263 GHz	-42.11 dBm	-17.11 dB

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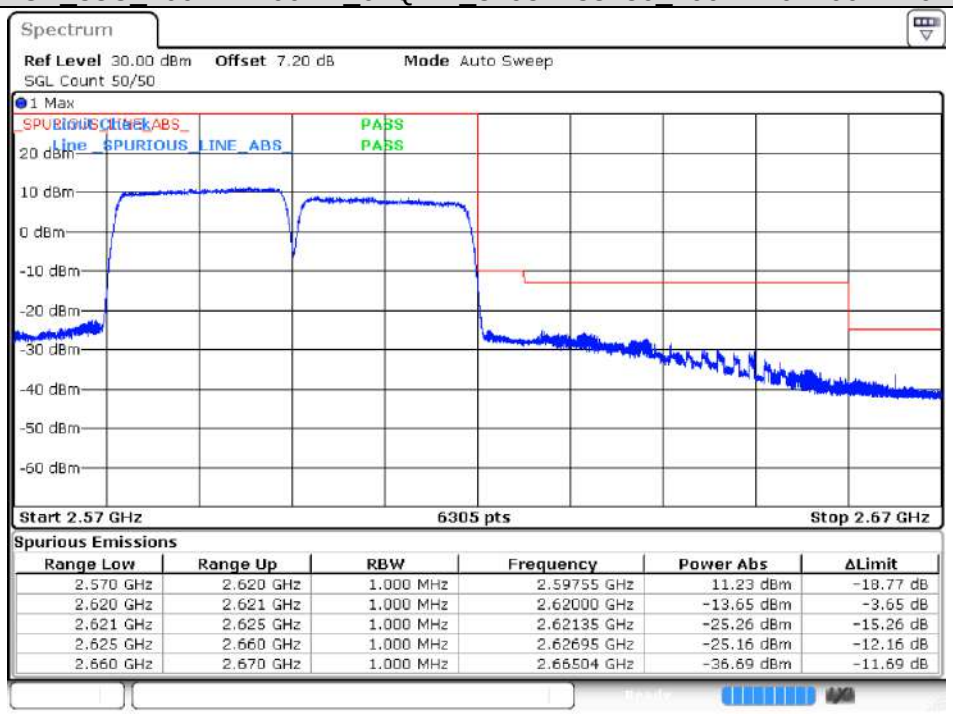

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	1.000 MHz	2.59755 GHz	11.23 dBm	-18.77 dB
2.620 GHz	2.621 GHz	1.000 MHz	2.62000 GHz	-13.65 dBm	-3.65 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62135 GHz	-25.26 dBm	-15.26 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62695 GHz	-25.16 dBm	-12.16 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66504 GHz	-36.69 dBm	-11.69 dB

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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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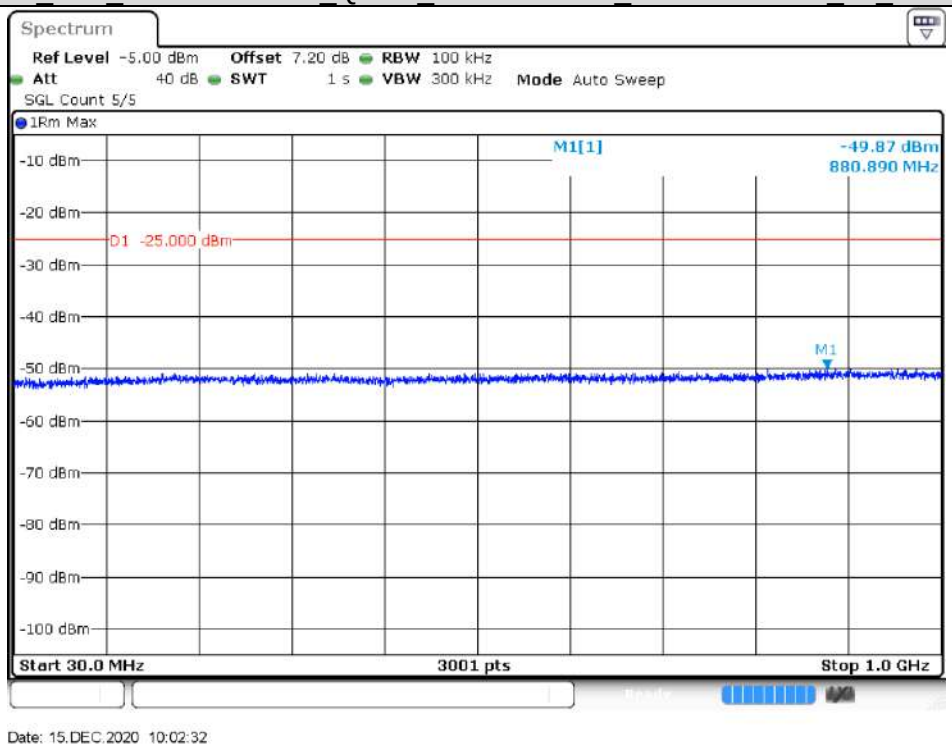

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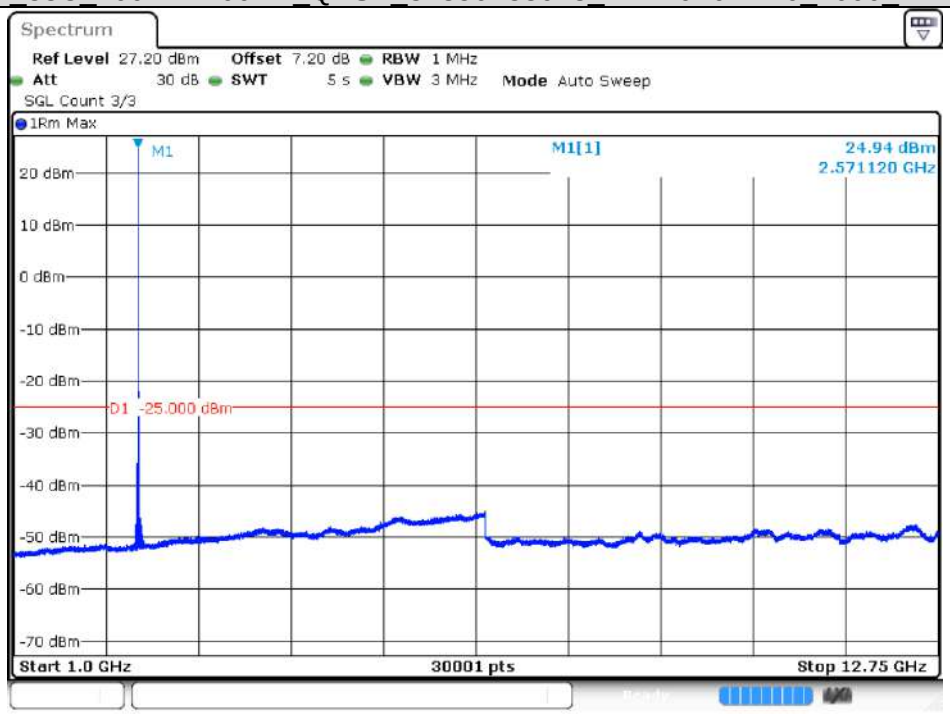

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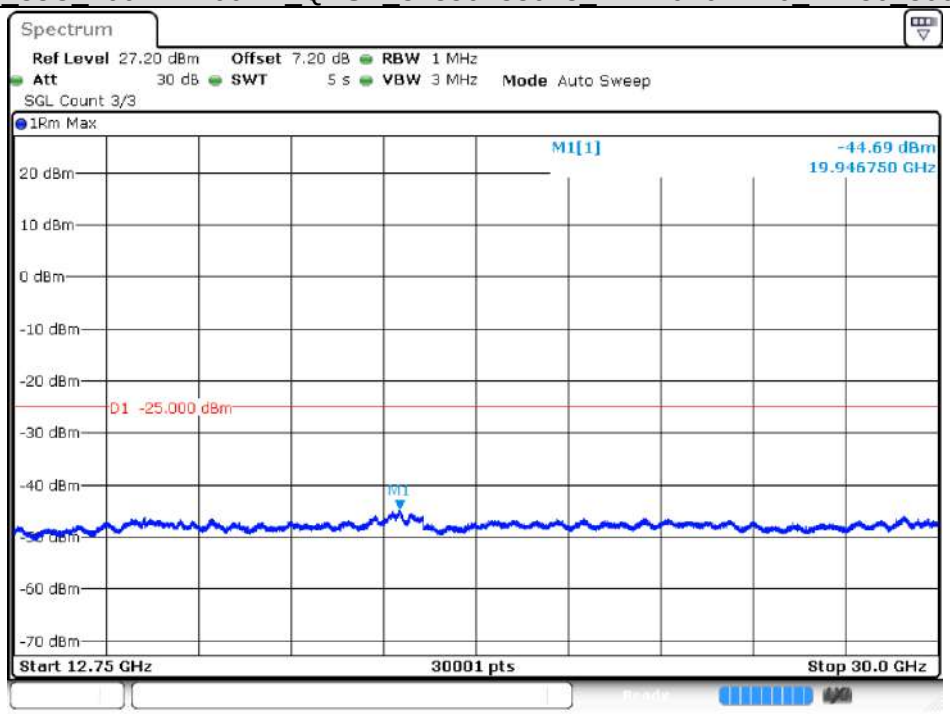

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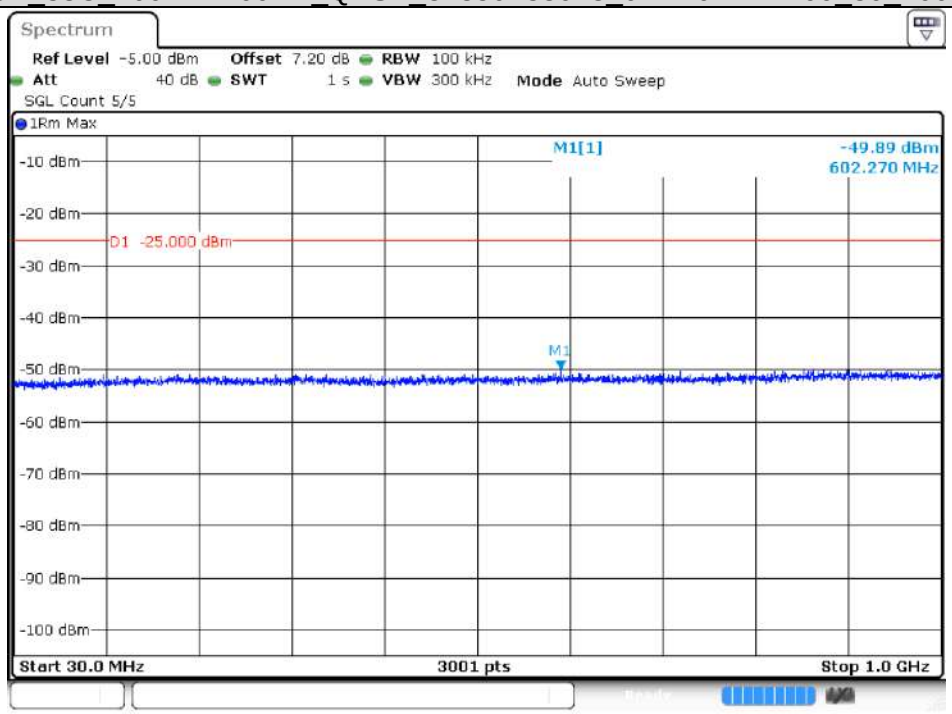

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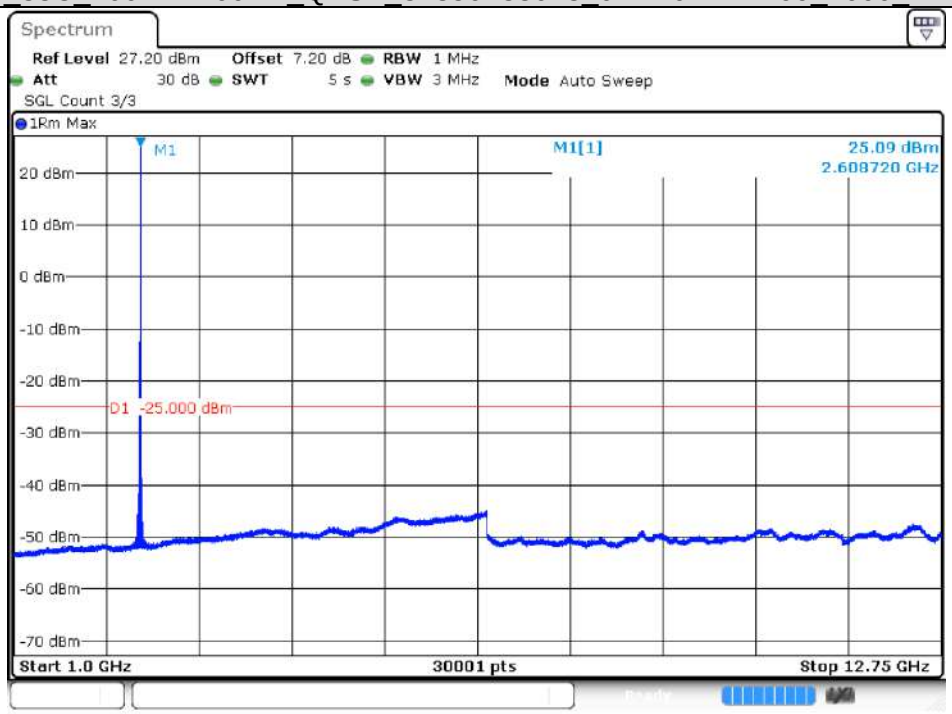

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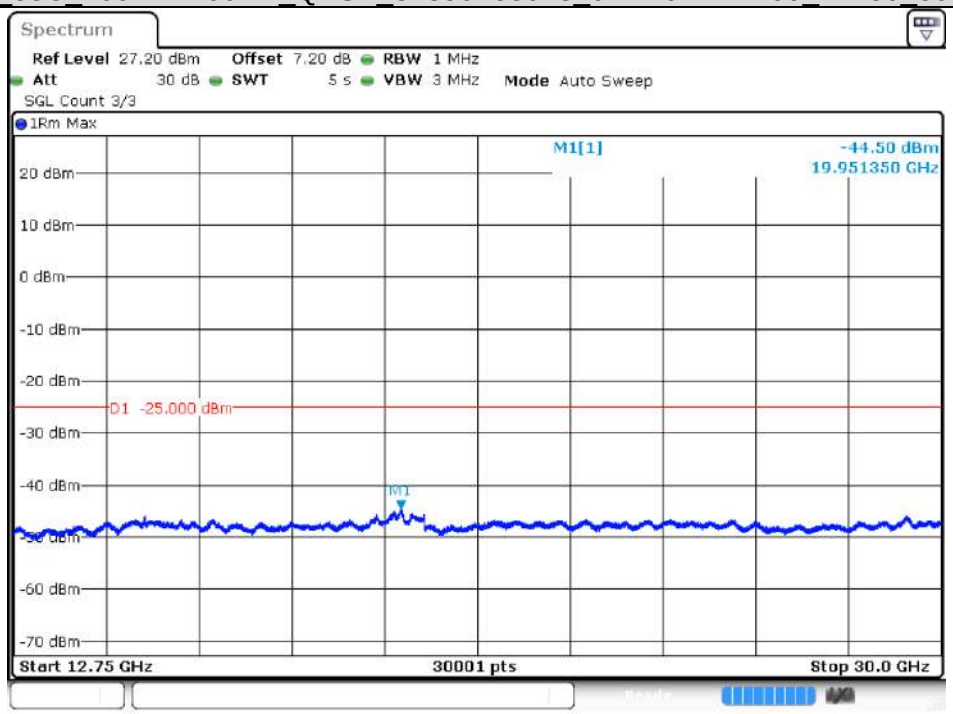

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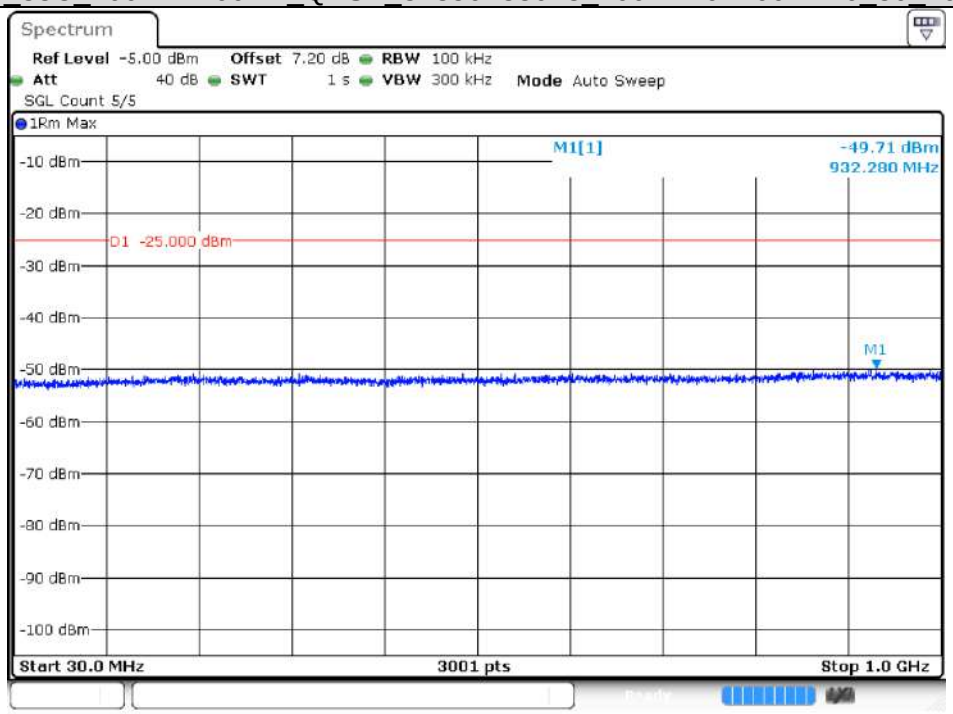

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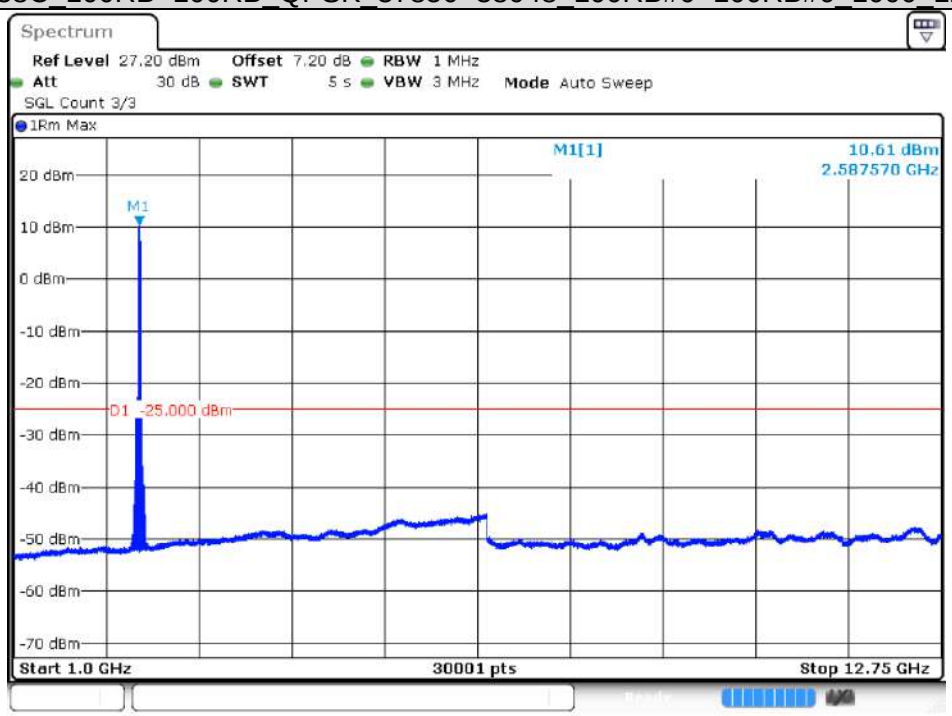

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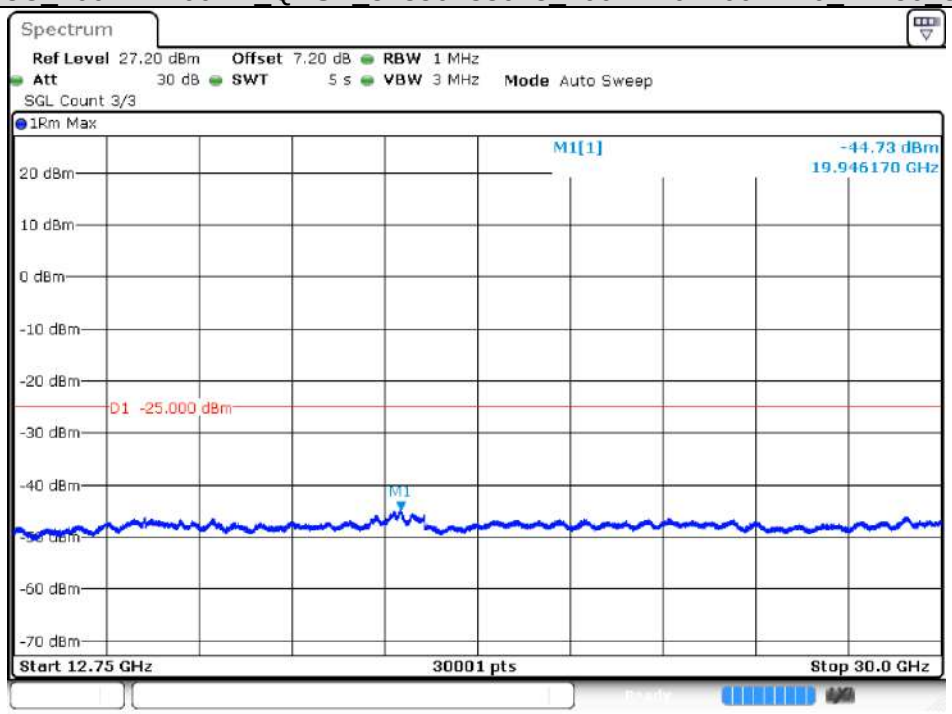

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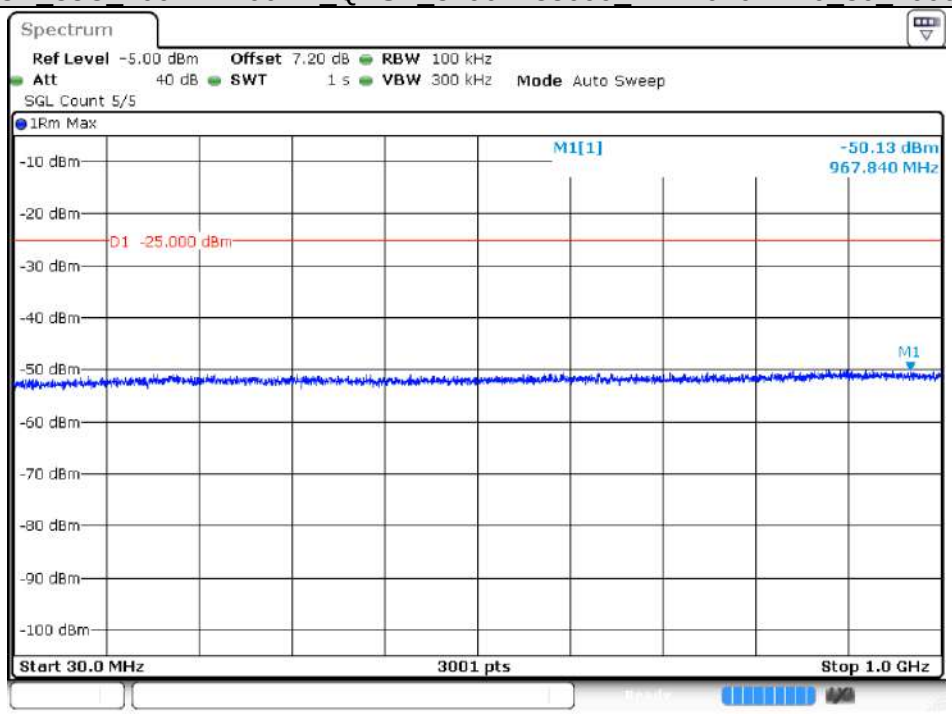

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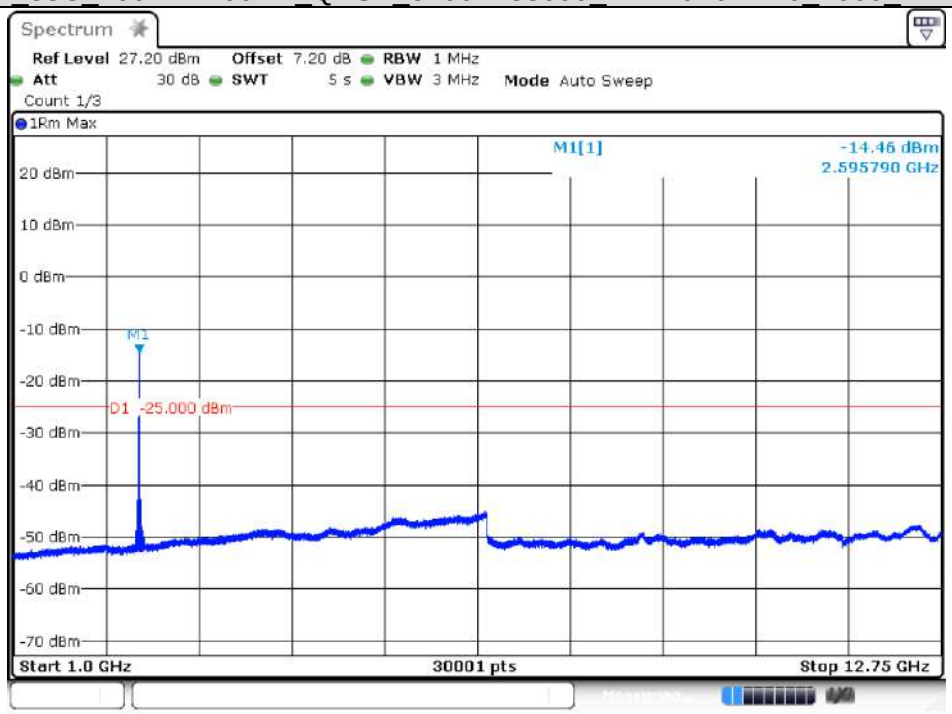

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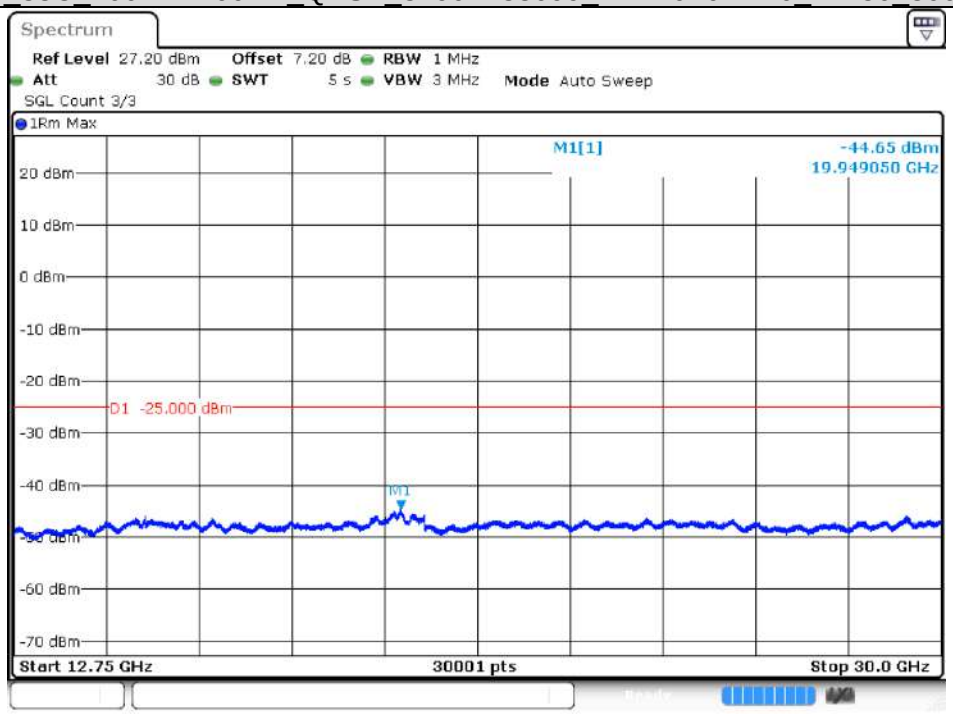

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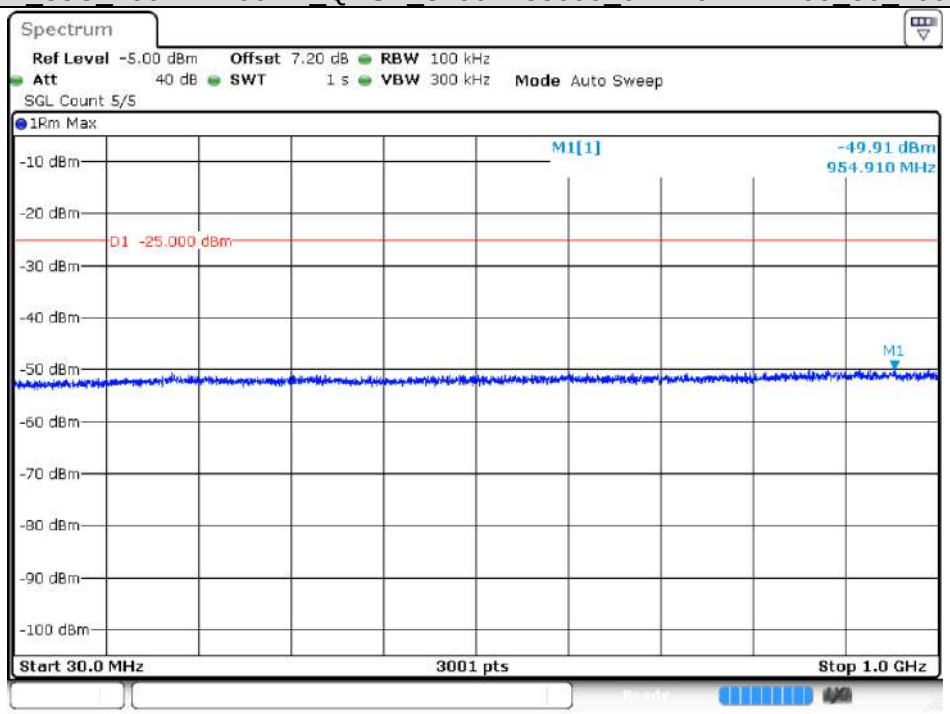

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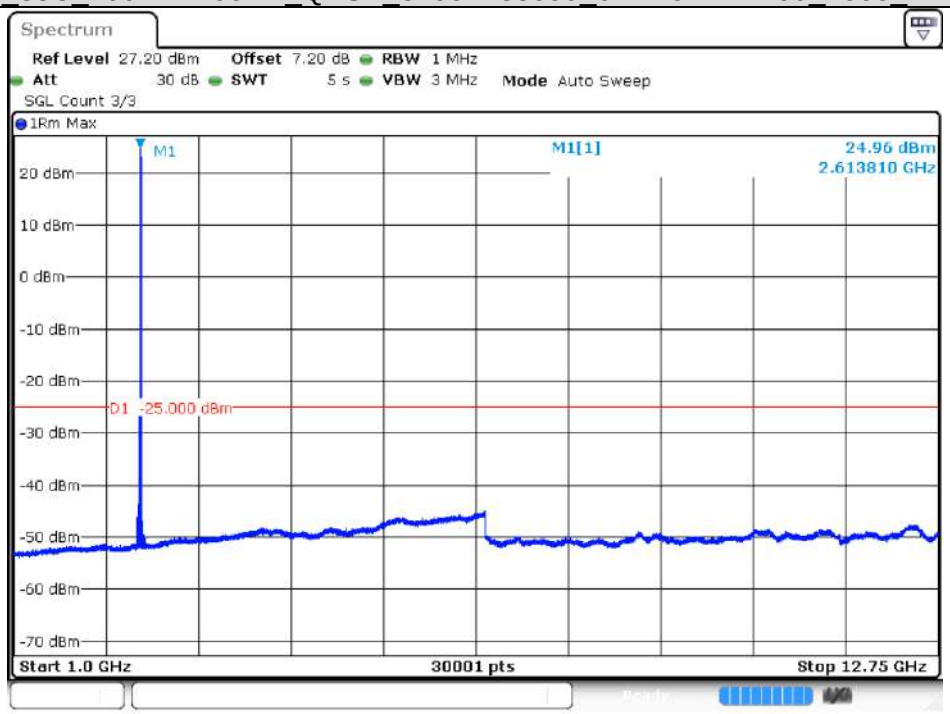

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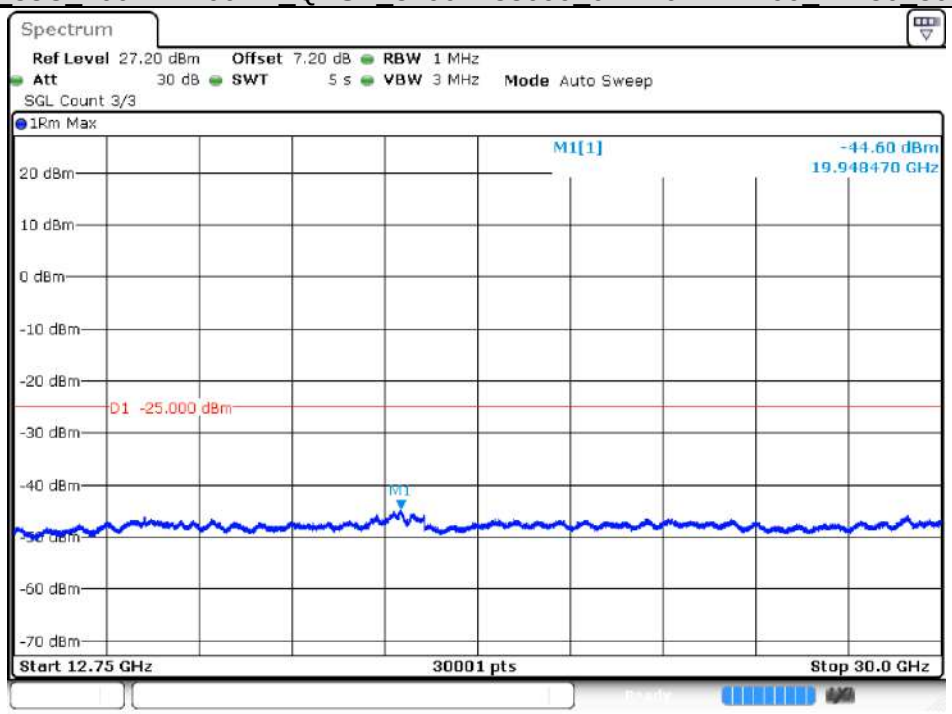

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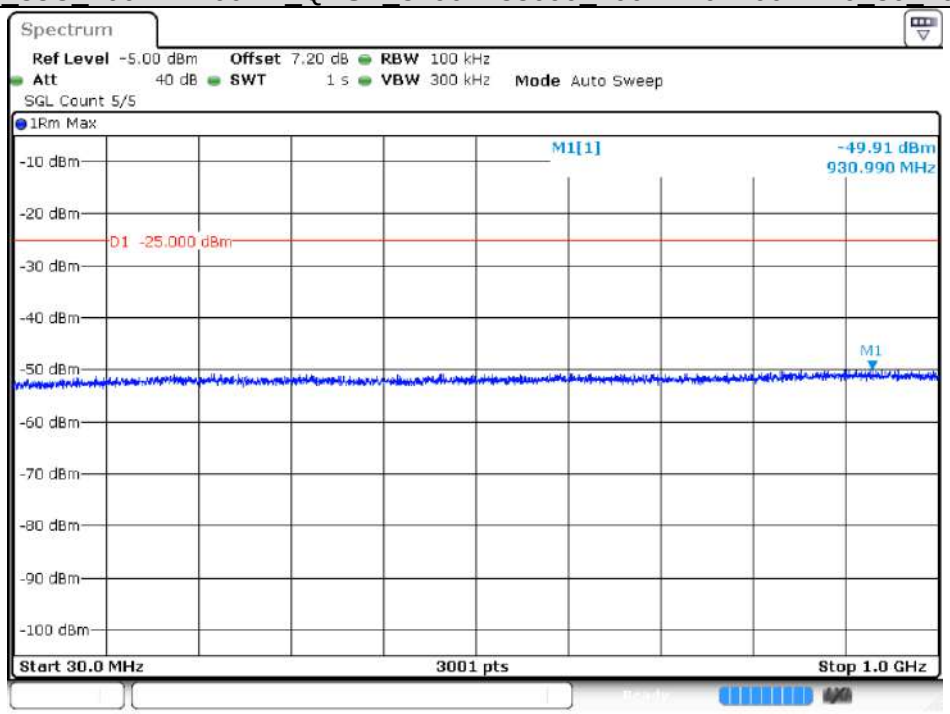

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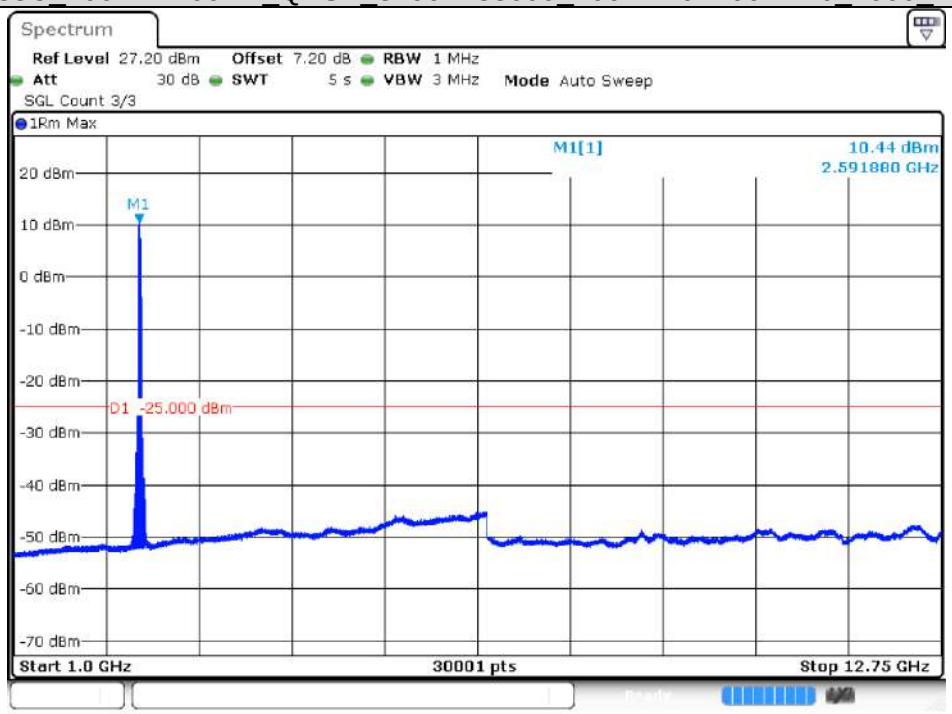

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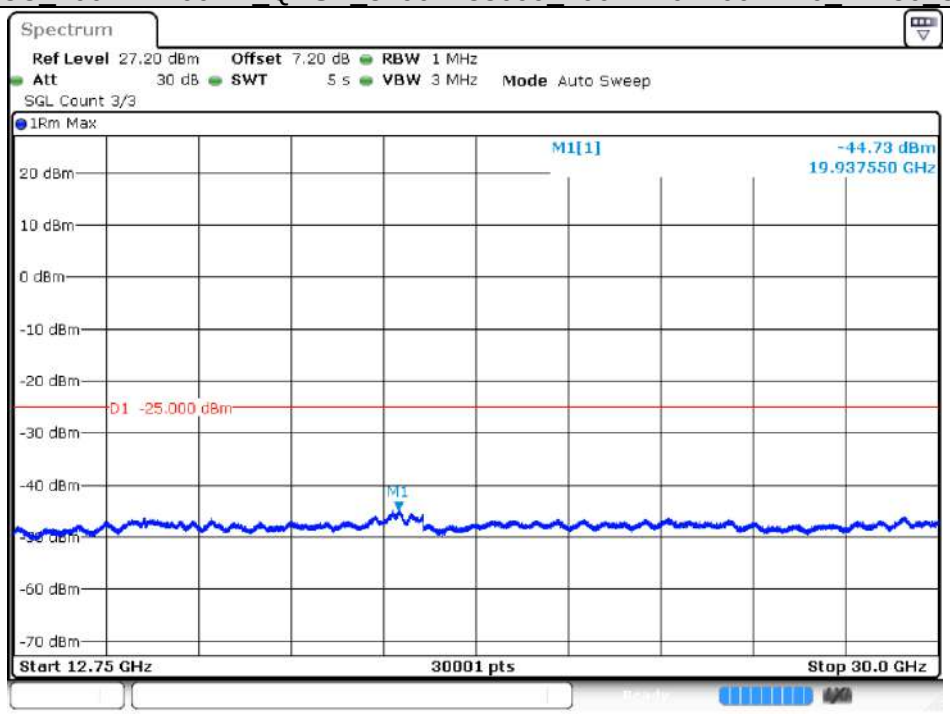

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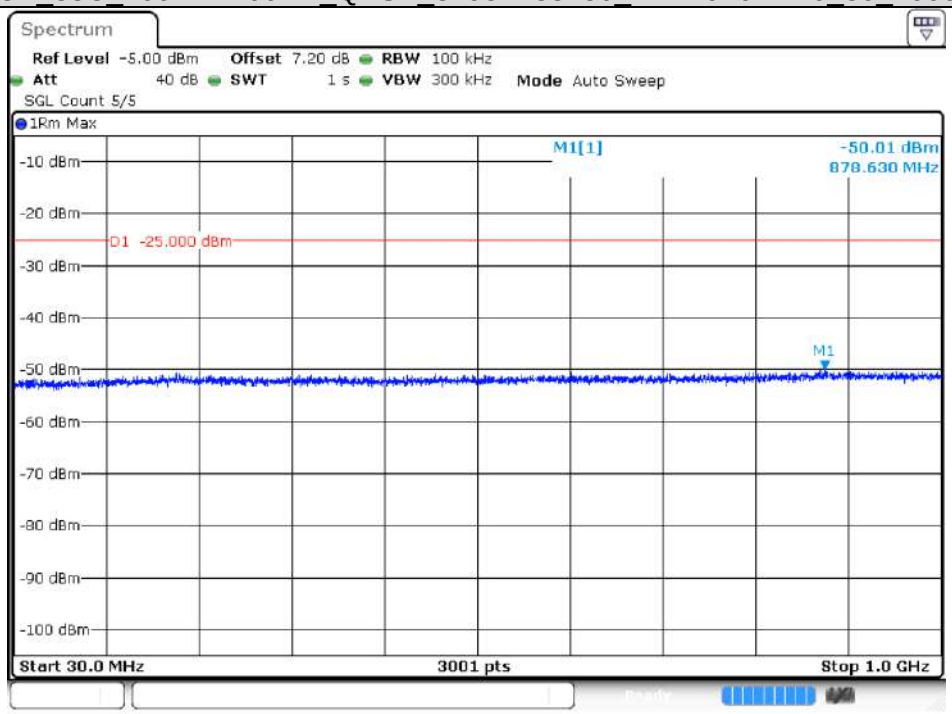

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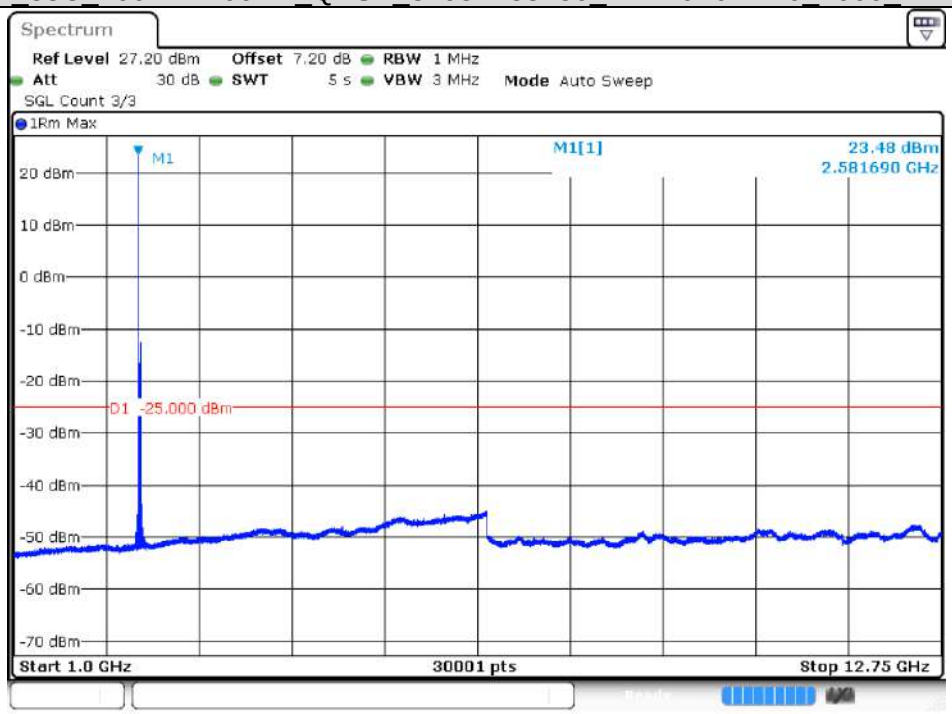

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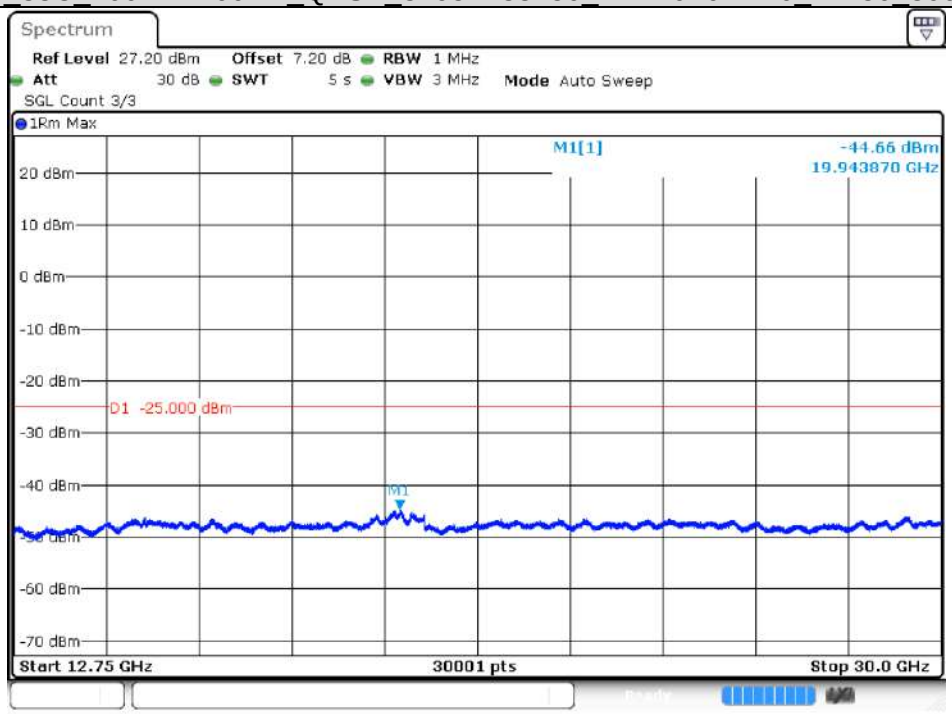

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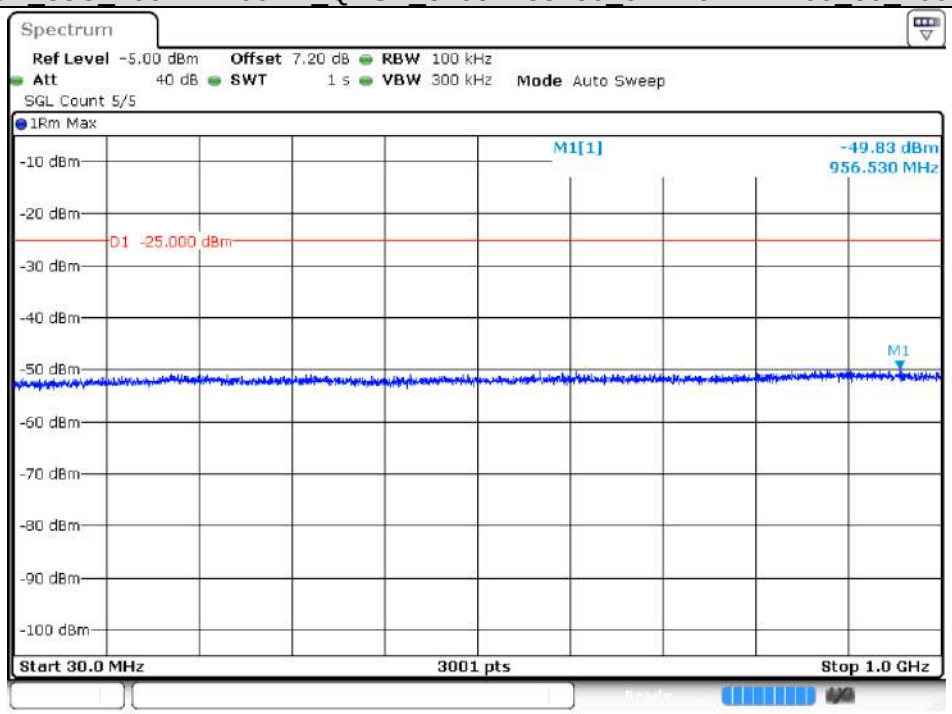

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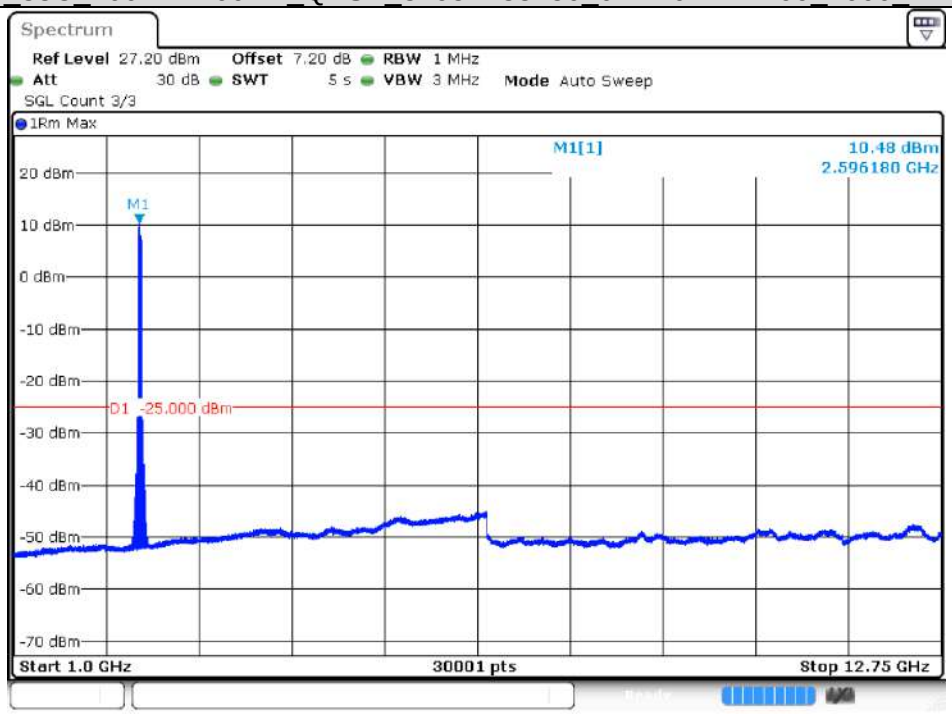

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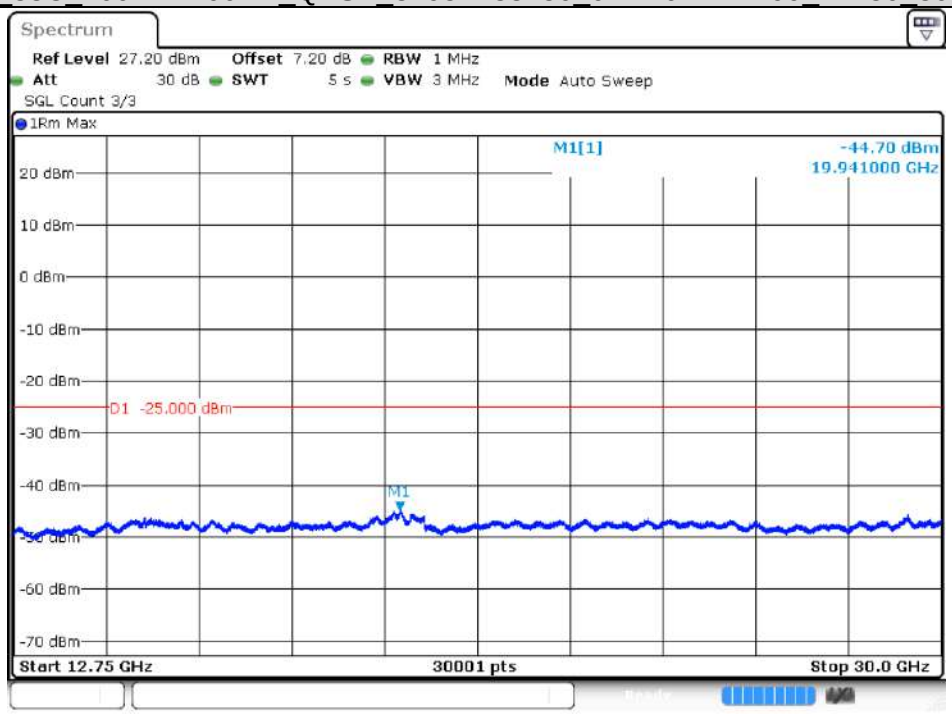

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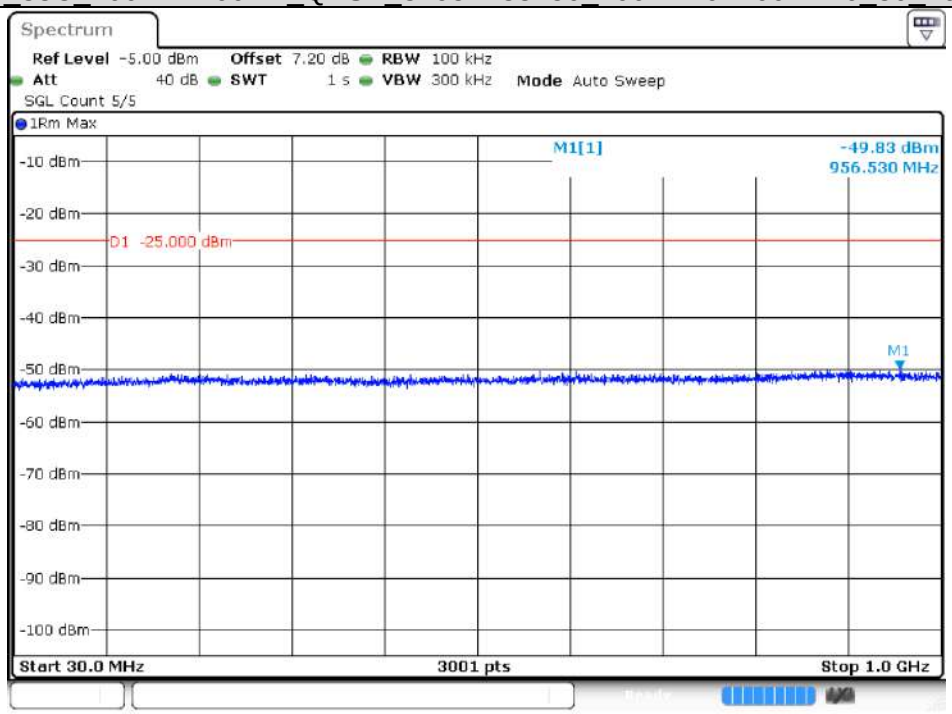

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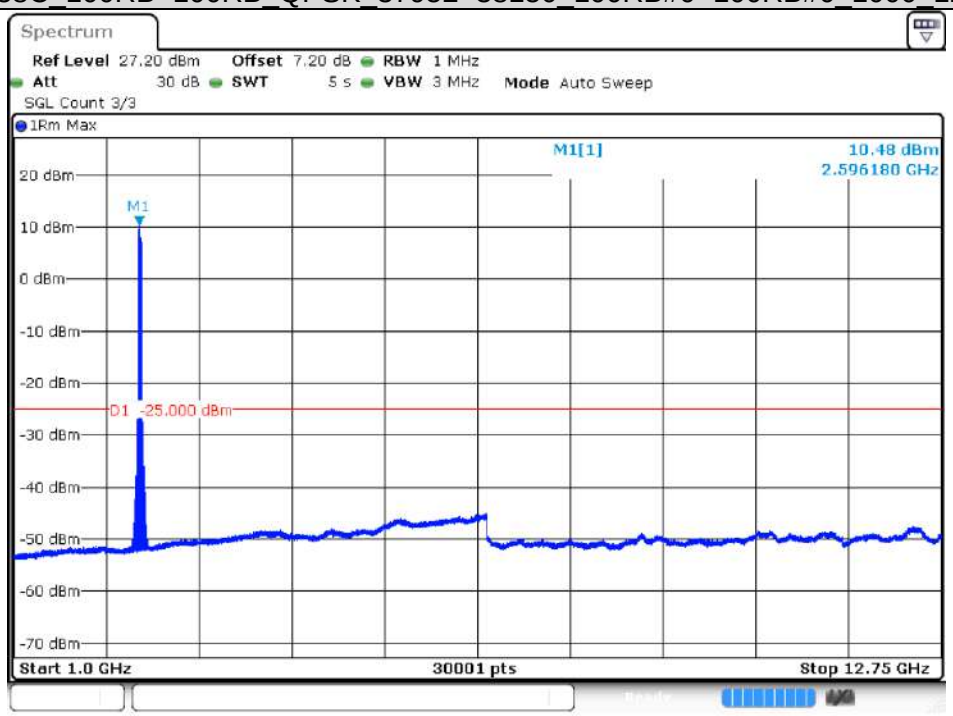

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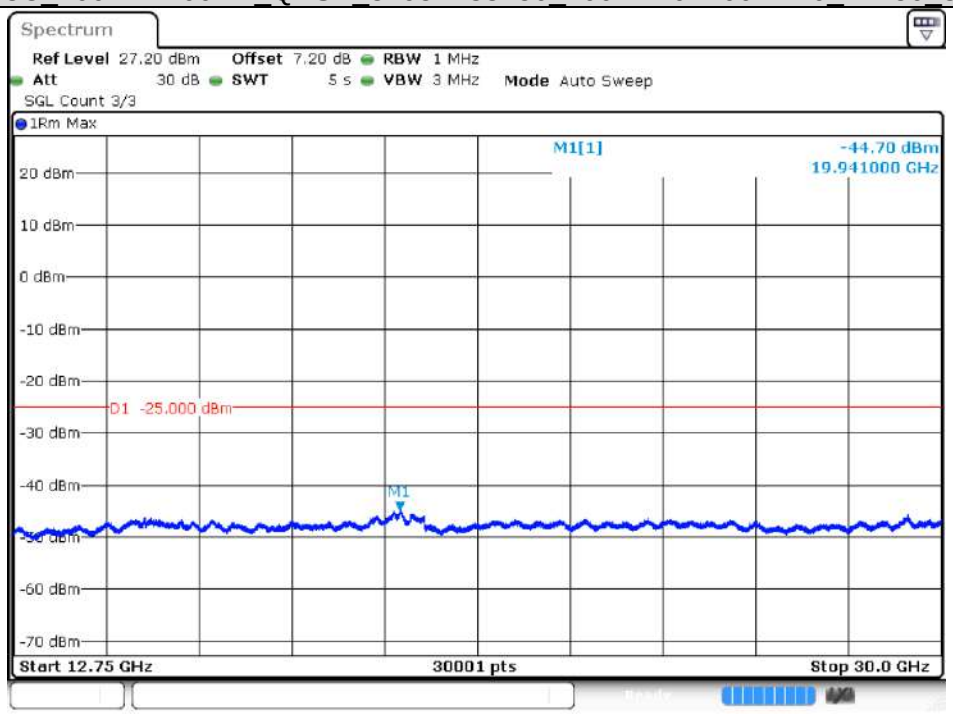

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7 Field Strength of Spurious Radiation

7.1 Test Band = LTE Band CA_38C (ANT4)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.450000	-80.02	-25.00	55.02	202	30	Vertical
125.000000	-83.15	-25.00	58.15	220	39	Vertical
340.850000	-83.94	-25.00	58.94	227	1	Vertical
4426.425000	-65.09	-25.00	40.09	250	0	Vertical
7713.150000	-48.53	-25.00	23.53	226	142	Vertical
11260.525000	-61.36	-25.00	36.36	282	0	Vertical
62.200000	-75.61	-25.00	50.61	223	140	Horizontal
159.300000	-84.51	-25.00	59.51	194	177	Horizontal
318.650000	-84.17	-25.00	59.17	196	149	Horizontal
4298.050000	-64.72	-25.00	39.72	190	0	Horizontal
7713.150000	-50.41	-25.00	25.41	218	84	Horizontal
10624.825000	-61.24	-25.00	36.24	180	28	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.000000	-79.53	-25.00	54.53	288	38	Vertical
125.000000	-84.22	-25.00	59.22	277	121	Vertical
320.100000	-82.97	-25.00	57.97	266	58	Vertical
4352.000000	-65.45	-25.00	40.45	195	179	Vertical
7728.425000	-53.34	-25.00	28.34	251	107	Vertical
10647.250000	-60.87	-25.00	35.87	257	179	Vertical
62.350000	-75.38	-25.00	50.38	225	169	Horizontal
159.250000	-82.31	-25.00	57.31	185	178	Horizontal
486.987500	-83.31	-25.00	58.31	210	120	Horizontal

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4213.550000	-65.65	-25.00	40.65	253	129	Horizontal
7728.425000	-56.47	-25.00	31.47	244	165	Horizontal
10661.550000	-61.07	-25.00	36.07	217	35	Horizontal

7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
55.350000	-79.93	-25.00	54.93	231	180	Vertical
125.000000	-83.98	-25.00	58.98	290	21	Vertical
316.750000	-83.44	-25.00	58.44	167	104	Vertical
4310.075000	-65.40	-25.00	40.40	234	153	Vertical
7743.700000	-48.31	-25.00	23.31	160	130	Vertical
10325.175000	-59.02	-25.00	34.02	199	153	Vertical
56.350000	-75.95	-25.00	50.95	170	116	Horizontal
159.350000	-83.33	-25.00	58.33	195	179	Horizontal
470.350000	-83.61	-25.00	58.61	160	0	Horizontal
4429.350000	-64.92	-25.00	39.92	217	13	Horizontal
7744.025000	-51.09	-25.00	26.09	176	13	Horizontal
10579.975000	-60.89	-25.00	35.89	152	118	Horizontal

7.2 Test Band = LTE Band CA_38C (ANT3)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
54.950000	-80.58	-25.00	55.58	280	176	Vertical
124.950000	-84.18	-25.00	59.18	229	121	Vertical
327.800000	-84.38	-25.00	59.38	292	76	Vertical
4824.875000	-65.72	-25.00	40.72	219	178	Vertical
7713.150000	-46.13	-25.00	21.13	253	164	Vertical
10284.225000	-57.59	-25.00	32.59	247	141	Vertical
62.900000	-75.81	-25.00	50.81	206	0	Horizontal

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159.300000	-79.75	-25.00	54.75	254	178	Horizontal
315.250000	-84.94	-25.00	59.94	249	105	Horizontal
5142.075000	-64.20	-25.00	39.20	295	179	Horizontal
7713.475000	-50.56	-25.00	25.56	164	154	Horizontal
10284.550000	-58.36	-25.00	33.36	268	154	Horizontal

7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
62.250000	-75.88	-25.00	50.88	172	177	Vertical
159.250000	-79.56	-25.00	54.56	196	177	Vertical
305.800000	-83.17	-25.00	58.17	200	0	Vertical
4762.800000	-65.72	-25.00	40.72	229	0	Vertical
7728.425000	-49.22	-25.00	24.22	275	142	Vertical
10304.700000	-58.18	-25.00	33.18	250	154	Vertical
65.300000	-80.61	-25.00	55.61	279	1	Horizontal
124.950000	-83.85	-25.00	58.85	244	20	Horizontal
319.750000	-84.30	-25.00	59.30	181	103	Horizontal
4968.200000	-65.04	-25.00	40.04	237	0	Horizontal
7728.425000	-44.76	-25.00	19.76	169	165	Horizontal
10305.025000	-55.18	-25.00	30.18	251	178	Horizontal

7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.150000	-80.15	-25.00	55.15	187	151	Vertical
125.000000	-83.80	-25.00	58.80	157	0	Vertical
325.700000	-84.12	-25.00	59.12	203	106	Vertical
5162.225000	-63.03	-25.00	38.03	151	129	Vertical
7744.025000	-48.40	-25.00	23.40	276	153	Vertical
10325.175000	-56.09	-25.00	31.09	252	179	Vertical

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62.550000	-75.55	-25.00	50.55	197	159	Horizontal
159.300000	-79.23	-25.00	54.23	157	180	Horizontal
478.966667	-83.68	-25.00	58.68	216	70	Horizontal
5162.875000	-61.76	-25.00	36.76	151	179	Horizontal
7744.025000	-47.75	-25.00	22.75	154	153	Horizontal
10325.175000	-56.49	-25.00	31.49	226	165	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	12.02	0.004656	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	TN	HV	4.84	0.001874	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	LV	4.53	0.001751	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	NV	-13.75	-0.005315	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	HV	-4.85	-0.001874	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	LV	13.78	0.005285	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	NV	10.77	0.004133	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	HV	-9.09	-0.003489	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	LV	10.63	0.004080	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	NV	-4.78	-0.001835	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	HV	-3.87	-0.001486	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	LV	10.92	0.004221	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	NV	11.34	0.004386	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	HV	-13.04	-0.005040	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	LV	-3.46	-0.001327	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	NV	-11.45	-0.004391	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	HV	-10.64	-0.004082	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	LV	-7.88	-0.003051	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	NV	14.68	0.005684	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	HV	-10.40	-0.004026	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	LV	11.31	0.004371	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	NV	-2.31	-0.000895	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	HV	-5.09	-0.001967	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	LV	-6.92	-0.002654	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	NV	10.53	0.004041	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	HV	3.85	0.001478	PASS

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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	13.72	0.005316	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-10	11.58	0.004484	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	0	3.29	0.001275	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	10	3.49	0.001353	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	20	6.24	0.002416	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	30	-3.47	-0.001346	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	40	-11.23	-0.004348	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	50	-11.77	-0.004559	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-30	-11.11	-0.004294	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-20	14.30	0.005528	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-10	-1.33	-0.000515	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	0	-13.59	-0.005253	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	10	-5.88	-0.002272	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	20	-1.16	-0.000450	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	30	4.16	0.001608	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	40	-11.13	-0.004303	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	50	9.30	0.003593	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-30	10.68	0.004097	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-20	3.66	0.001405	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-10	-3.02	-0.001158	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	0	4.53	0.001738	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	10	10.84	0.004160	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	20	-7.36	-0.002824	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	30	-11.66	-0.004474	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	40	-7.68	-0.002945	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	50	7.05	0.002704	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-30	-12.53	-0.004854	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-20	-7.30	-0.002826	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-10	11.06	0.004285	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	0	11.47	0.004443	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	10	-9.33	-0.003615	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	20	-11.13	-0.004309	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	30	-6.59	-0.002552	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	40	-8.18	-0.003168	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	50	6.59	0.002553	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-30	-3.68	-0.001423	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-20	-6.79	-0.002624	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-10	-11.77	-0.004551	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	0	-9.11	-0.003522	PASS

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CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	10	-4.82	-0.001865	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	20	8.21	0.003175	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	30	-1.56	-0.000603	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	40	13.89	0.005369	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	50	14.52	0.005614	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-30	-5.51	-0.002116	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-20	10.36	0.003974	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-10	-0.67	-0.000258	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	0	-11.19	-0.004295	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	10	-10.53	-0.004039	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	20	-7.31	-0.002804	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	30	11.40	0.004372	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	40	-13.06	-0.005012	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	50	2.40	0.000923	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-30	-13.25	-0.005133	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-20	8.40	0.003254	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-10	-1.46	-0.000567	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	0	12.67	0.004907	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	10	3.54	0.001370	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	20	10.79	0.004178	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	30	-10.67	-0.004131	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	40	3.42	0.001324	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	50	3.42	0.001323	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-30	14.69	0.005680	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-20	-12.90	-0.004988	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-10	-1.51	-0.000585	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	0	-14.63	-0.005654	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	10	-11.42	-0.004416	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	20	-14.58	-0.005635	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	30	2.08	0.000805	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	40	-7.82	-0.003024	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	50	-5.57	-0.002153	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-30	-8.75	-0.003359	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-20	-8.70	-0.003338	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-10	14.18	0.005442	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	0	7.72	0.002960	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	10	6.05	0.002320	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	20	-11.84	-0.004542	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	30	14.83	0.005690	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	40	8.87	0.003402	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	50	11.67	0.004477	PASS

The End

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