Appendix B

E-UTRA Band CA_38C

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1 Effective (Isotropic) Radiated Power Output Data

1.1 Test Result for LTE Band CA_38C (Ant0)

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	22.02	18.22	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	21.96	18.16	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	22.12	18.32	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	22.42	18.62	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	22.08	18.28	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	22.05	18.25	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	QPSK	22.31	18.51	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	QPSK	22.18	18.38	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	QPSK	22.00	18.20	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	QPSK	22.44	18.64	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	QPSK	22.55	18.75	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	QPSK	22.30	18.50	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	22.21	18.41	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	22.12	18.32	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	21.96	18.16	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	22.37	18.57	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	22.11	18.31	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	21.96	18.16	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	QPSK	22.37	18.57	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	QPSK	22.39	18.59	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	QPSK	22.30	18.50	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	QPSK	22.44	18.64	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	QPSK	22.34	18.54	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	QPSK	22.49	18.69	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	21.40	17.60	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	21.38	17.58	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	21.27	17.47	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	21.59	17.79	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	21.46	17.66	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	21.25	17.45	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	16QAM	21.48	17.68	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	16QAM	21.38	17.58	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	16QAM	21.46	17.66	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	16QAM	21.87	18.07	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	16QAM	21.43	17.63	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	16QAM	21.48	17.68	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	21.25	17.45	33.00	PASS

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CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	21.17	17.37	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	21.10	17.30	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	21.51	17.71	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	21.24	17.44	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	21.15	17.35	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	16QAM	21.66	17.86	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	16QAM	21.53	17.73	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	16QAM	21.42	17.62	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	16QAM	21.66	17.86	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	16QAM	21.59	17.79	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	16QAM	21.52	17.72	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	20.29	16.49	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	20.20	16.40	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	20.02	16.22	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	20.42	16.62	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	20.33	16.53	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	20.24	16.44	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	64QAM	20.50	16.70	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	64QAM	20.35	16.55	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	64QAM	20.35	16.55	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	64QAM	20.74	16.94	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	64QAM	20.61	16.81	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	64QAM	20.45	16.65	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	20.30	16.50	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	20.41	16.61	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	20.22	16.42	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	20.57	16.77	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	20.33	16.53	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	20.37	16.57	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	64QAM	20.45	16.65	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	64QAM	20.41	16.61	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	64QAM	20.27	16.47	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	64QAM	20.65	16.85	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	64QAM	20.68	16.88	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	64QAM	20.39	16.59	33.00	PASS

1.2 Test Result for LTE Band CA_38C (Ant2)

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	QPSK	23.41	23.11	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	23.54	23.24	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	23.50	23.20	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	23.59	23.29	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	23.36	23.06	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	23.12	22.82	33.00	PASS

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CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	QPSK	23.78	23.48	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	QPSK	23.82	23.52	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	QPSK	23.42	23.12	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	QPSK	23.69	23.39	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	QPSK	23.65	23.35	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	QPSK	23.57	23.27	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	23.59	23.29	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	23.48	23.18	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	23.44	23.14	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	23.58	23.28	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	23.35	23.05	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	23.12	22.82	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	QPSK	23.72	23.42	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	QPSK	23.68	23.38	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	QPSK	23.49	23.19	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	QPSK	23.68	23.38	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	QPSK	23.74	23.44	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	QPSK	23.79	23.49	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	22.53	22.23	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	22.61	22.31	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	22.66	22.36	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	22.71	22.41	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	22.54	22.24	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	22.48	22.18	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	16QAM	22.95	22.65	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	16QAM	22.97	22.67	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	16QAM	22.79	22.49	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	16QAM	22.96	22.66	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	16QAM	22.73	22.43	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	16QAM	22.67	22.37	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	22.76	22.46	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	22.44	22.14	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	22.43	22.13	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	22.86	22.56	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	22.73	22.43	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	22.67	22.37	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	16QAM	22.86	22.56	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	16QAM	22.79	22.49	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	16QAM	22.70	22.40	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	16QAM	22.91	22.61	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	16QAM	23.02	22.72	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	16QAM	22.55	22.25	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	21.38	21.08	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	21.20	20.90	33.00	PASS

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CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	21.21	20.91	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	21.37	21.07	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	21.22	20.92	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	21.30	21.00	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	64QAM	21.48	21.18	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	64QAM	21.64	21.34	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	64QAM	21.37	21.07	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	64QAM	21.65	21.35	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	64QAM	21.27	20.97	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	64QAM	21.30	21.00	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	21.19	20.89	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	21.06	20.76	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	21.29	20.99	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	21.51	21.21	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	21.50	21.20	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	21.15	20.85	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	64QAM	21.57	21.27	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	64QAM	21.60	21.30	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	64QAM	21.27	20.97	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	64QAM	21.53	21.23	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	64QAM	21.40	21.10	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	64QAM	21.21	20.91	33.00	PASS

1.3 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	23.01	22.91	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	QPSK	22.80	22.70	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	QPSK	22.68	22.58	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	QPSK	22.82	22.72	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	QPSK	22.85	22.75	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	QPSK	22.69	22.59	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	QPSK	23.08	22.98	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	QPSK	22.93	22.83	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	QPSK	22.85	22.75	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	QPSK	23.23	23.13	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	QPSK	23.05	22.95	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	QPSK	23.15	23.05	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	QPSK	22.85	22.75	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	QPSK	22.95	22.85	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	QPSK	22.83	22.73	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	QPSK	22.75	22.65	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	QPSK	22.91	22.81	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	QPSK	22.81	22.71	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	QPSK	23.17	23.07	33.00	PASS

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CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	QPSK	23.12	23.02	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	QPSK	22.92	22.82	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	QPSK	23.25	23.15	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	QPSK	22.95	22.85	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	QPSK	23.26	23.16	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	16QAM	21.92	21.82	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	16QAM	21.86	21.76	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	16QAM	21.96	21.86	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	16QAM	22.10	22.00	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	16QAM	22.15	22.05	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	16QAM	22.10	22.00	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	16QAM	22.23	22.13	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	16QAM	22.40	22.30	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	16QAM	22.31	22.21	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	16QAM	22.43	22.33	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	16QAM	22.29	22.19	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	16QAM	22.06	21.96	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	16QAM	22.21	22.11	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	16QAM	22.11	22.01	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	16QAM	22.07	21.97	33.00	PASS
CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	16QAM	22.06	21.96	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	16QAM	21.93	21.83	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	16QAM	21.83	21.73	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	16QAM	22.36	22.26	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	16QAM	22.16	22.06	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	16QAM	22.34	22.24	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	16QAM	22.18	22.08	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	16QAM	22.00	21.90	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	16QAM	22.13	22.03	33.00	PASS
CA_38C	75RB+75RB	37825+37975	1RB#0	0RB#0	64QAM	20.94	20.84	33.00	PASS
CA_38C	75RB+75RB	37825+37975	16RB#0	0RB#0	64QAM	21.02	20.92	33.00	PASS
CA_38C	75RB+75RB	37925+38075	1RB#0	0RB#0	64QAM	20.69	20.59	33.00	PASS
CA_38C	75RB+75RB	37925+38075	16RB#0	0RB#0	64QAM	20.89	20.79	33.00	PASS
CA_38C	75RB+75RB	38025+38175	1RB#0	0RB#0	64QAM	21.00	20.90	33.00	PASS
CA_38C	75RB+75RB	38025+38175	16RB#0	0RB#0	64QAM	20.71	20.61	33.00	PASS
CA_38C	75RB+75RB	37975+37825	1RB#0	0RB#0	64QAM	21.07	20.97	33.00	PASS
CA_38C	75RB+75RB	37975+37825	16RB#0	0RB#0	64QAM	21.06	20.96	33.00	PASS
CA_38C	75RB+75RB	38075+37925	1RB#0	0RB#0	64QAM	21.03	20.93	33.00	PASS
CA_38C	75RB+75RB	38075+37925	16RB#0	0RB#0	64QAM	21.14	21.04	33.00	PASS
CA_38C	75RB+75RB	38175+38025	1RB#0	0RB#0	64QAM	21.00	20.90	33.00	PASS
CA_38C	75RB+75RB	38175+38025	16RB#0	0RB#0	64QAM	20.70	20.60	33.00	PASS
CA_38C	100RB+100RB	37850+38048	1RB#0	0RB#0	64QAM	20.83	20.73	33.00	PASS
CA_38C	100RB+100RB	37850+38048	18RB#0	0RB#0	64QAM	20.78	20.68	33.00	PASS
CA_38C	100RB+100RB	37901+38099	1RB#0	0RB#0	64QAM	20.76	20.66	33.00	PASS

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CA_38C	100RB+100RB	37901+38099	18RB#0	0RB#0	64QAM	20.91	20.81	33.00	PASS
CA_38C	100RB+100RB	37952+38150	1RB#0	0RB#0	64QAM	20.88	20.78	33.00	PASS
CA_38C	100RB+100RB	37952+38150	18RB#0	0RB#0	64QAM	20.89	20.79	33.00	PASS
CA_38C	100RB+100RB	38048+37850	1RB#0	0RB#0	64QAM	21.13	21.03	33.00	PASS
CA_38C	100RB+100RB	38048+37850	18RB#0	0RB#0	64QAM	21.27	21.17	33.00	PASS
CA_38C	100RB+100RB	38099+37901	1RB#0	0RB#0	64QAM	21.06	20.96	33.00	PASS
CA_38C	100RB+100RB	38099+37901	18RB#0	0RB#0	64QAM	20.96	20.86	33.00	PASS
CA_38C	100RB+100RB	38150+37952	1RB#0	0RB#0	64QAM	21.24	21.14	33.00	PASS
CA_38C	100RB+100RB	38150+37952	18RB#0	0RB#0	64QAM	20.89	20.79	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	8.38	13.00	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	7.97	13.00	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	7.39	13.00	PASS
CA_38C	QPSK	100RB+100RB	38048+37850	100RB#0	100RB#0	6.81	13.00	PASS
CA_38C	QPSK	100RB+100RB	38099+37901	100RB#0	100RB#0	8.12	13.00	PASS
CA_38C	QPSK	100RB+100RB	38150+37952	100RB#0	100RB#0	6.55	13.00	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	8.55	13.00	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	8.29	13.00	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	7.77	13.00	PASS
CA_38C	16QAM	100RB+100RB	38048+37850	100RB#0	100RB#0	8.32	13.00	PASS
CA_38C	16QAM	100RB+100RB	38099+37901	100RB#0	100RB#0	7.77	13.00	PASS
CA_38C	16QAM	100RB+100RB	38150+37952	100RB#0	100RB#0	8.17	13.00	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	7.88	13.00	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	7.80	13.00	PASS
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	8.14	13.00	PASS
CA_38C	64QAM	100RB+100RB	38048+37850	100RB#0	100RB#0	8.26	13.00	PASS
CA_38C	64QAM	100RB+100RB	38099+37901	100RB#0	100RB#0	7.94	13.00	PASS
CA_38C	64QAM	100RB+100RB	38150+37952	100RB#0	100RB#0	7.74	13.00	PASS

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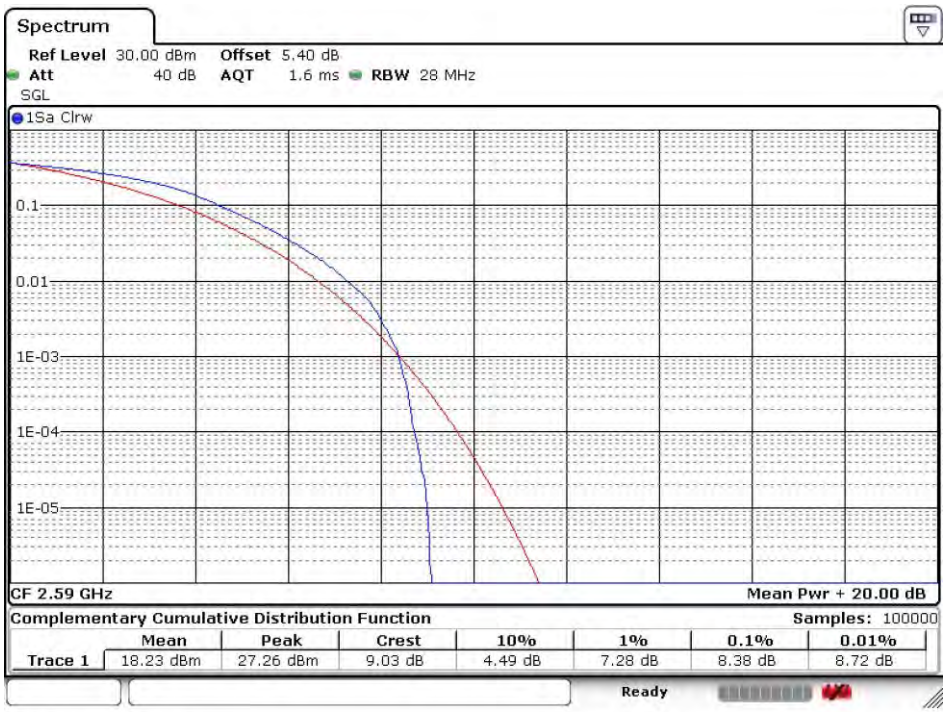
2.1 For LTE

2.1.1 Test Band = LTE Band CA_38C

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

2.1.1.1.1 Test Channel = 37850+38048



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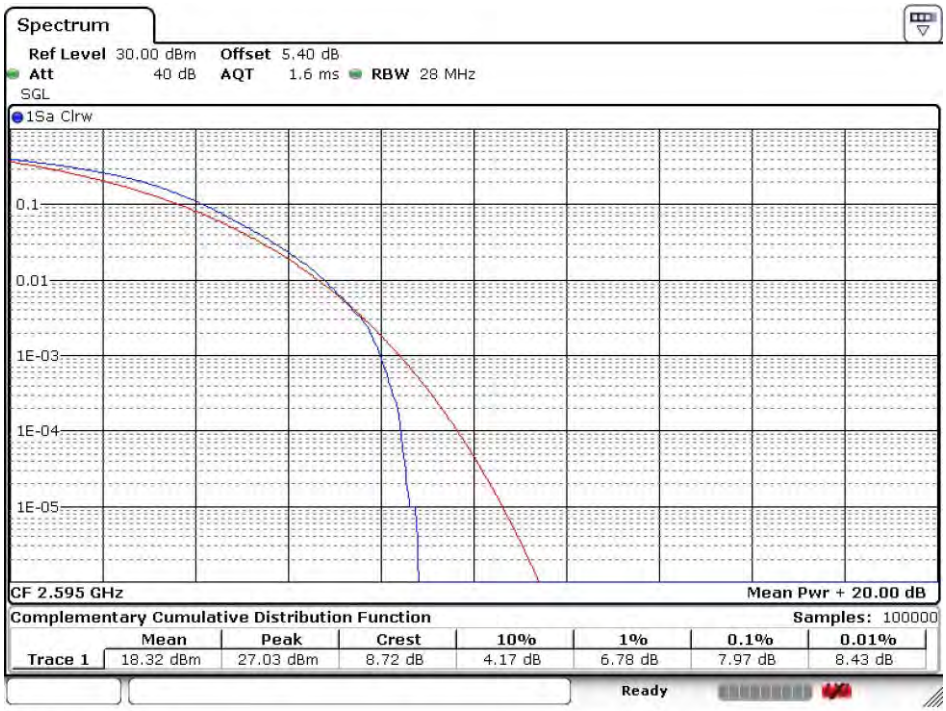
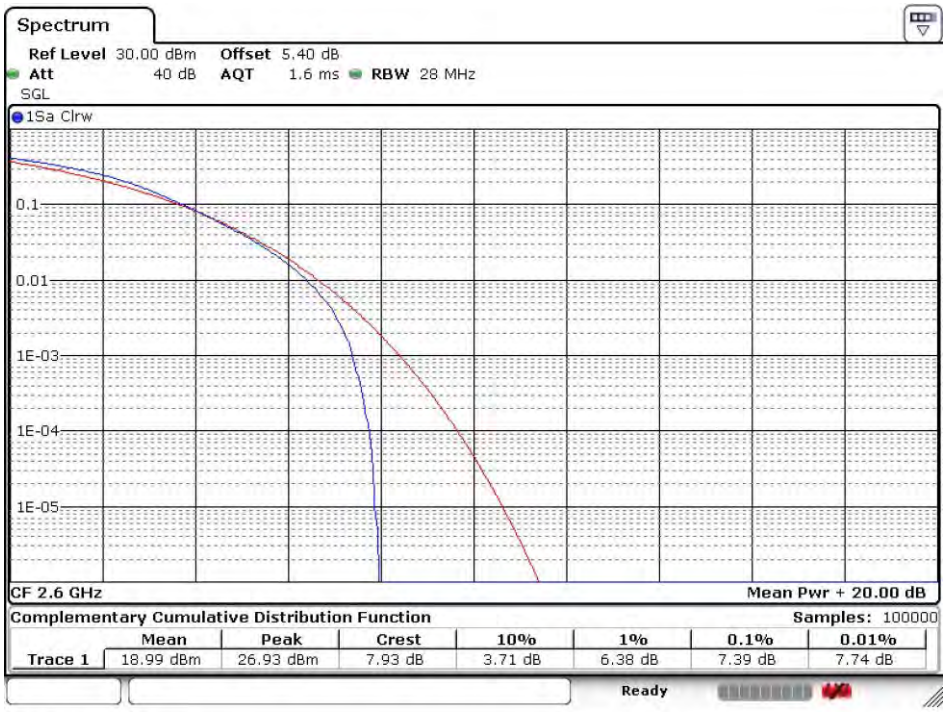
2.1.1.1.2 Test Channel = 37901+38099



Date: 3.JAN.2020 12:44:07

2.1.1.1.3 Test Channel = 37952+38150



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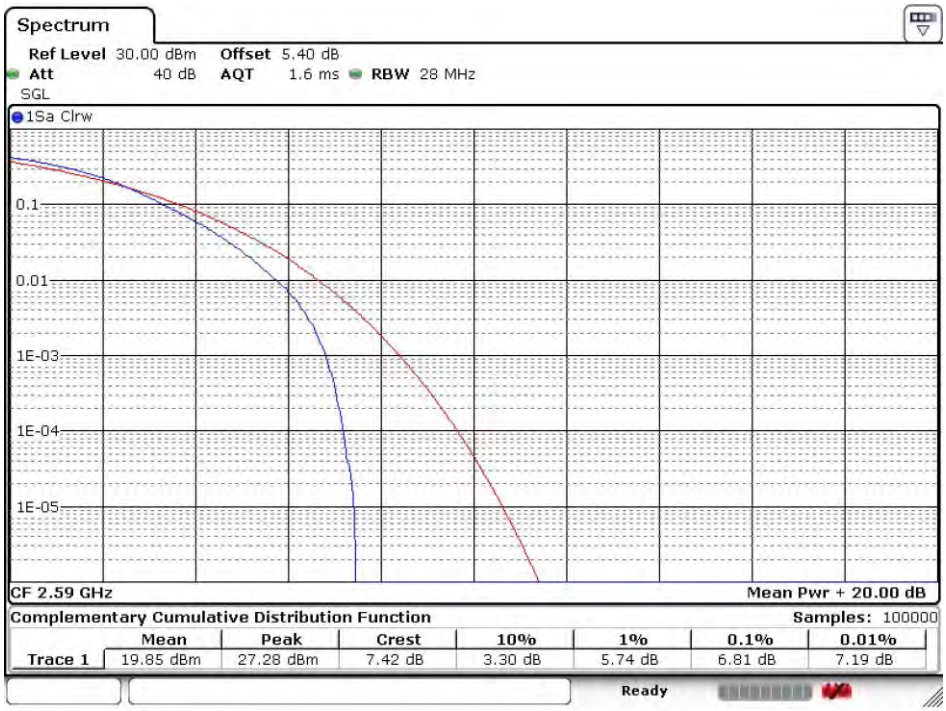
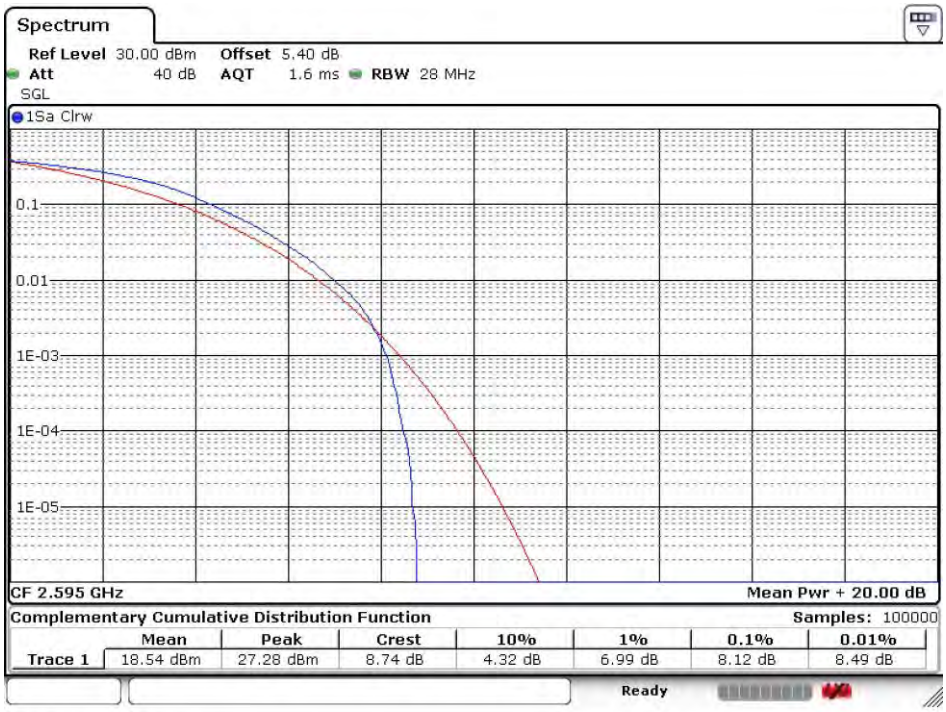
2.1.1.1.4 Test Channel = 38048+37850



Date: 3.JAN.2020 13:00:43

2.1.1.1.5 Test Channel = 38099+37901



Date: 3.JAN.2020 13:02:51

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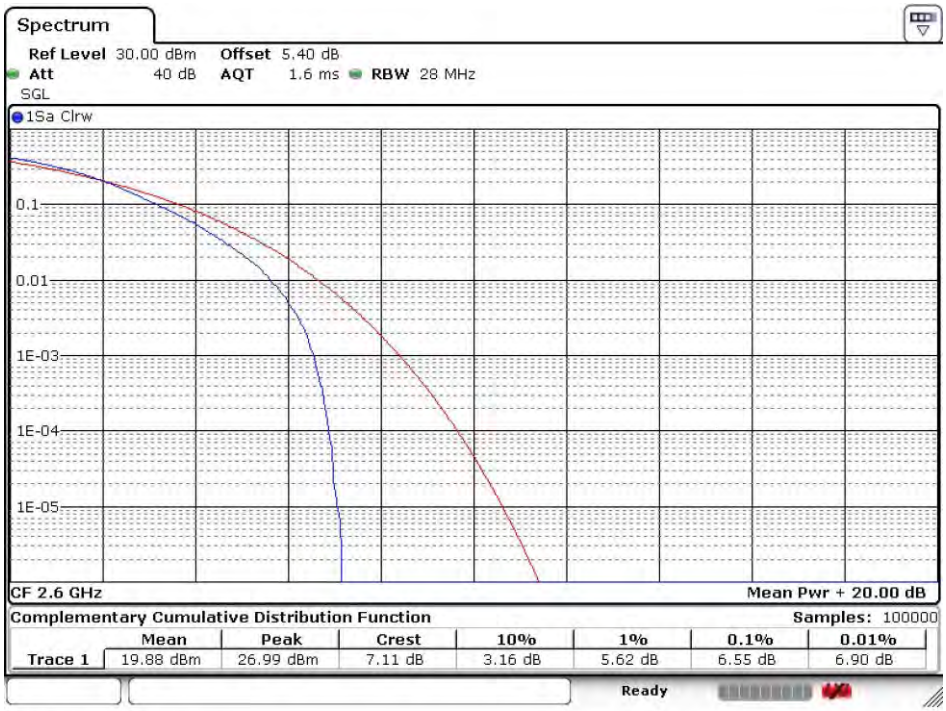
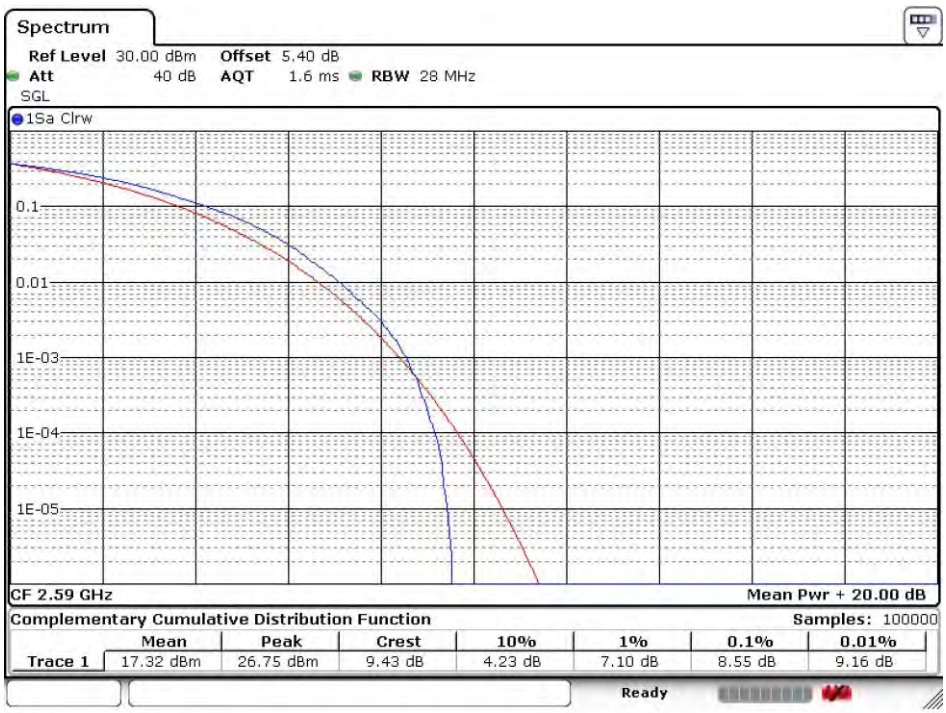
2.1.1.1.6 Test Channel = 38150+37952



Date: 3.JAN.2020 13:06:04

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

2.1.1.2.1 Test Channel = 37850+38048



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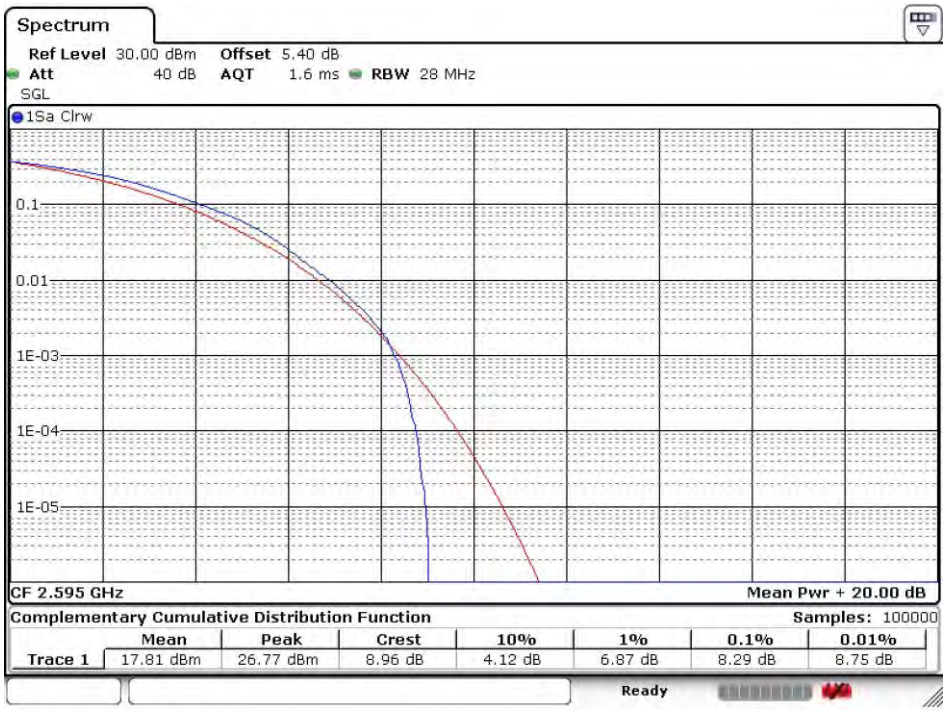
2.1.1.2.2 Test Channel = 37901+38099



Date: 3.JAN.2020 12:44:33

2.1.1.2.3 Test Channel = 37952+38150

Date: 3.JAN.2020 12:59:11

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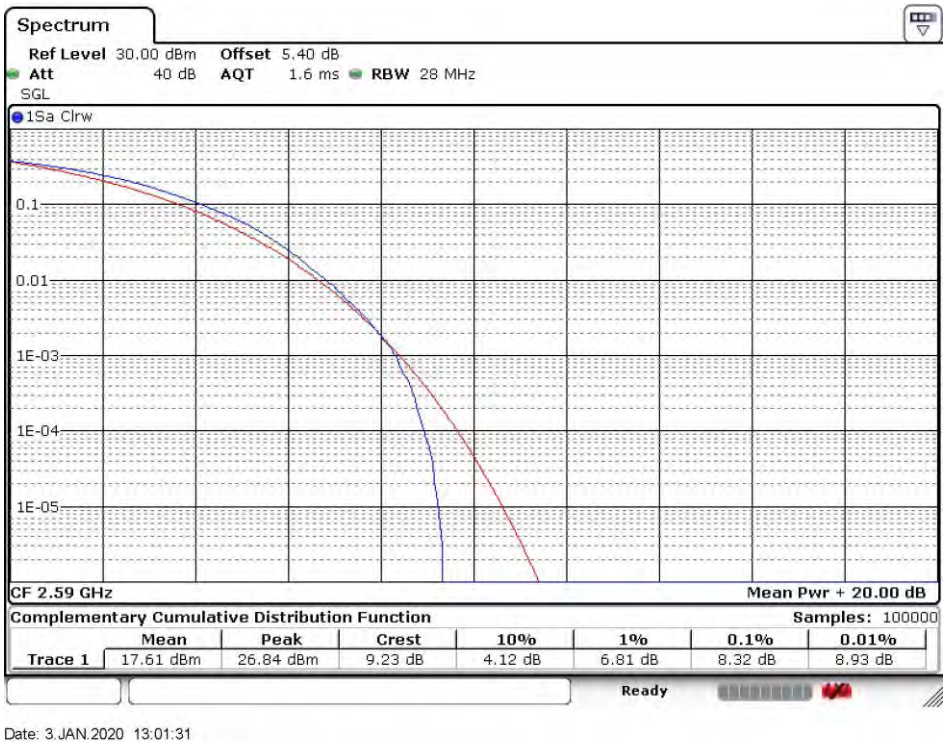
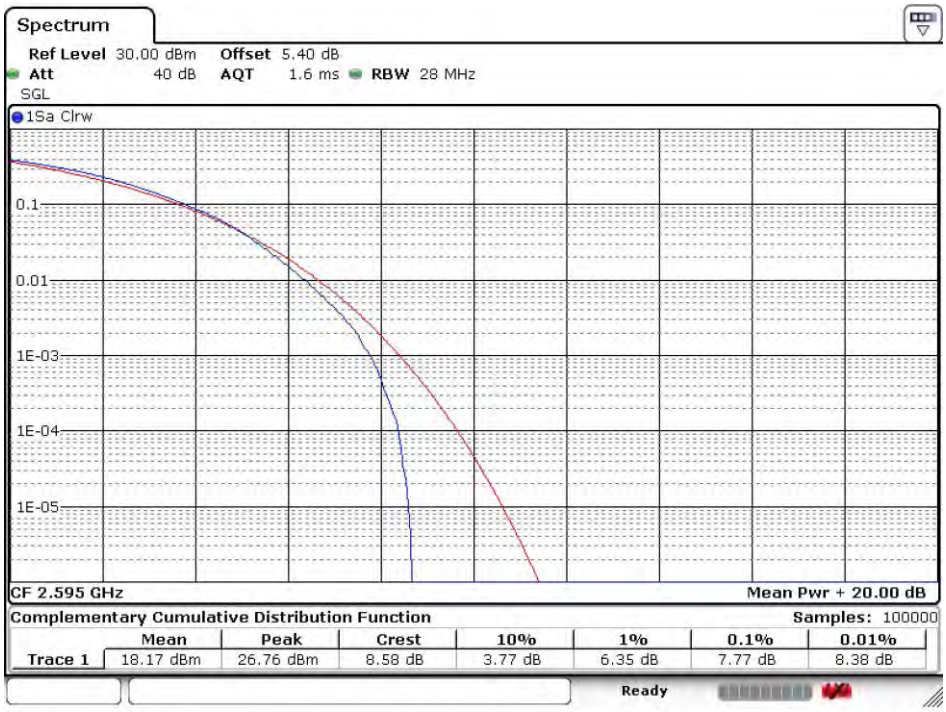
2.1.1.2.4 Test Channel = 38048+37850



Date: 3.JAN.2020 13:01:31

2.1.1.2.5 Test Channel = 38099+37901



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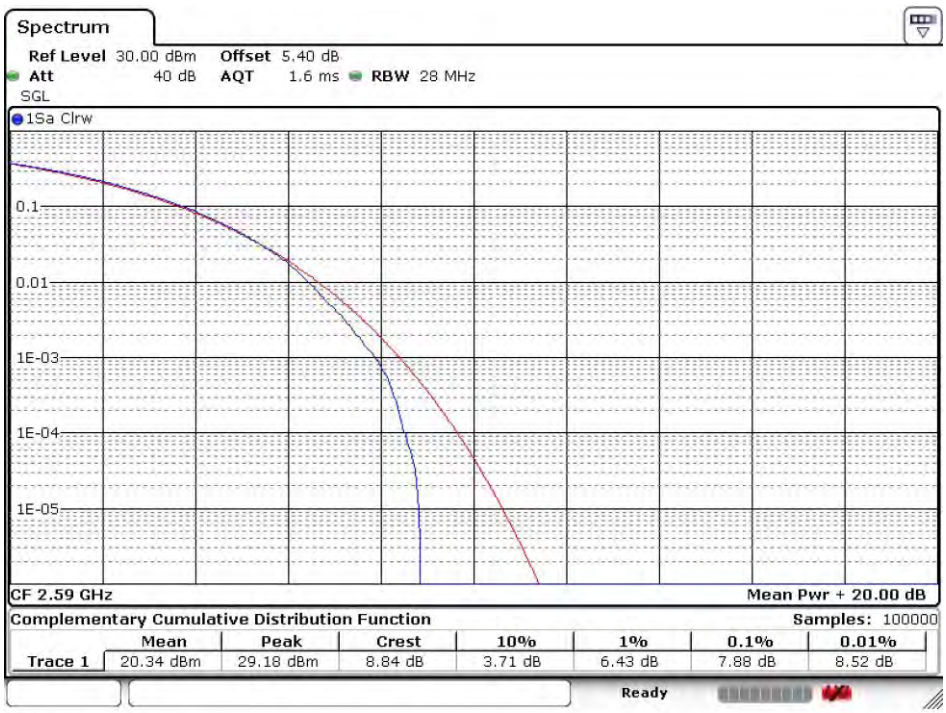
2.1.1.2.6 Test Channel = 38150+37952

Date: 3.JAN.2020 13:06:47

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

2.1.1.3.1 Test Channel = 37850+38048



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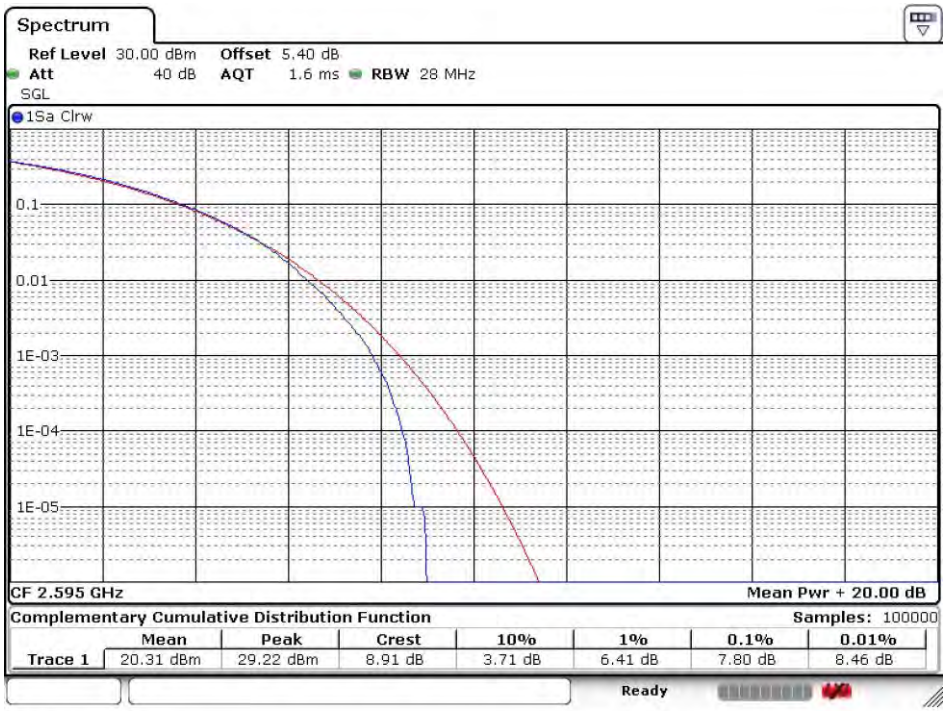
2.1.1.3.2 Test Channel = 37901+38099



Date: 3.JAN.2020 12:44:59

2.1.1.3.3 Test Channel = 37952+38150

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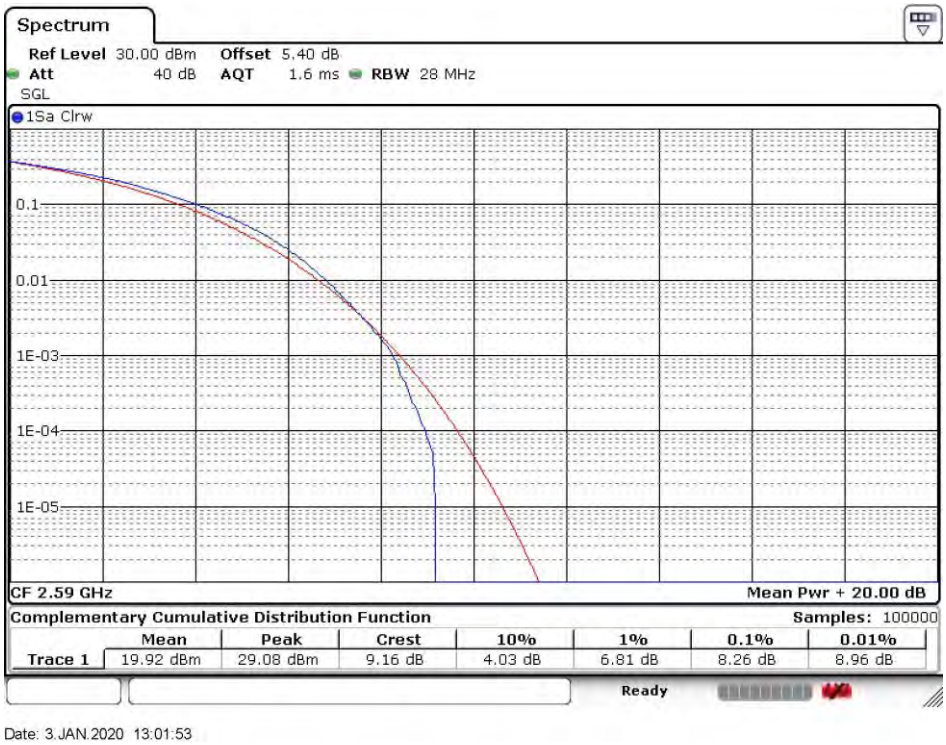
2.1.1.3.4 Test Channel = 38048+37850



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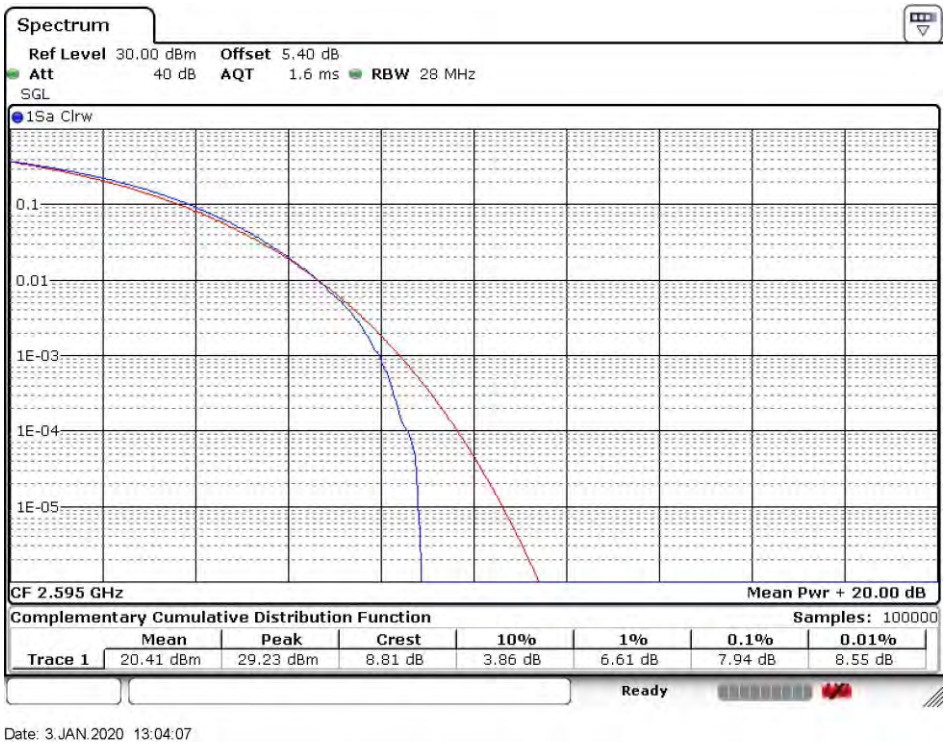
2.1.1.3.5 Test Channel = 38099+37901



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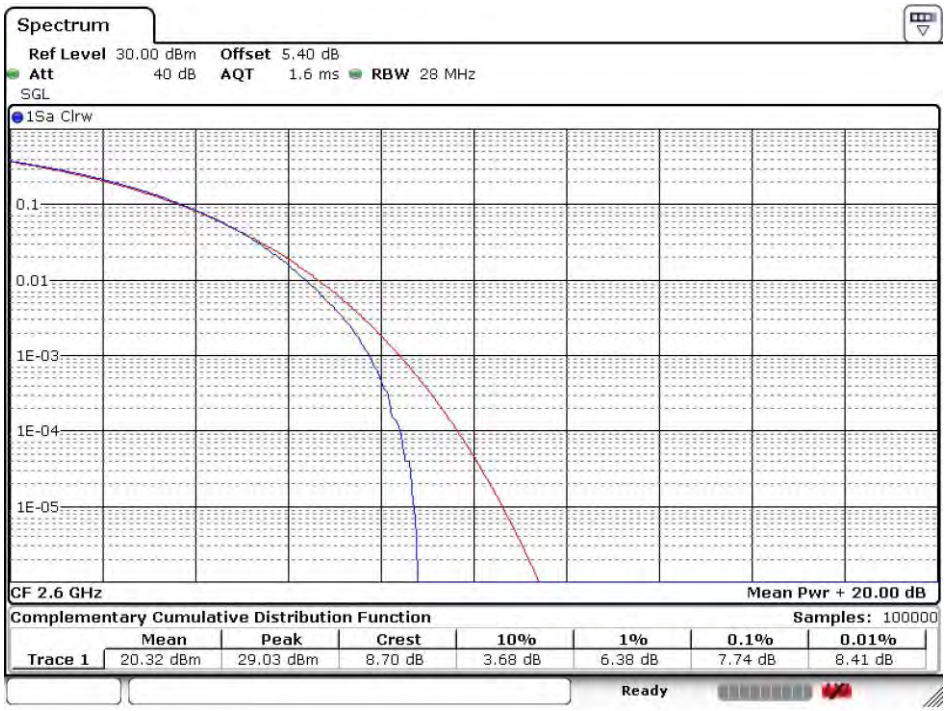
2.1.1.3.6 Test Channel = 38150+37952



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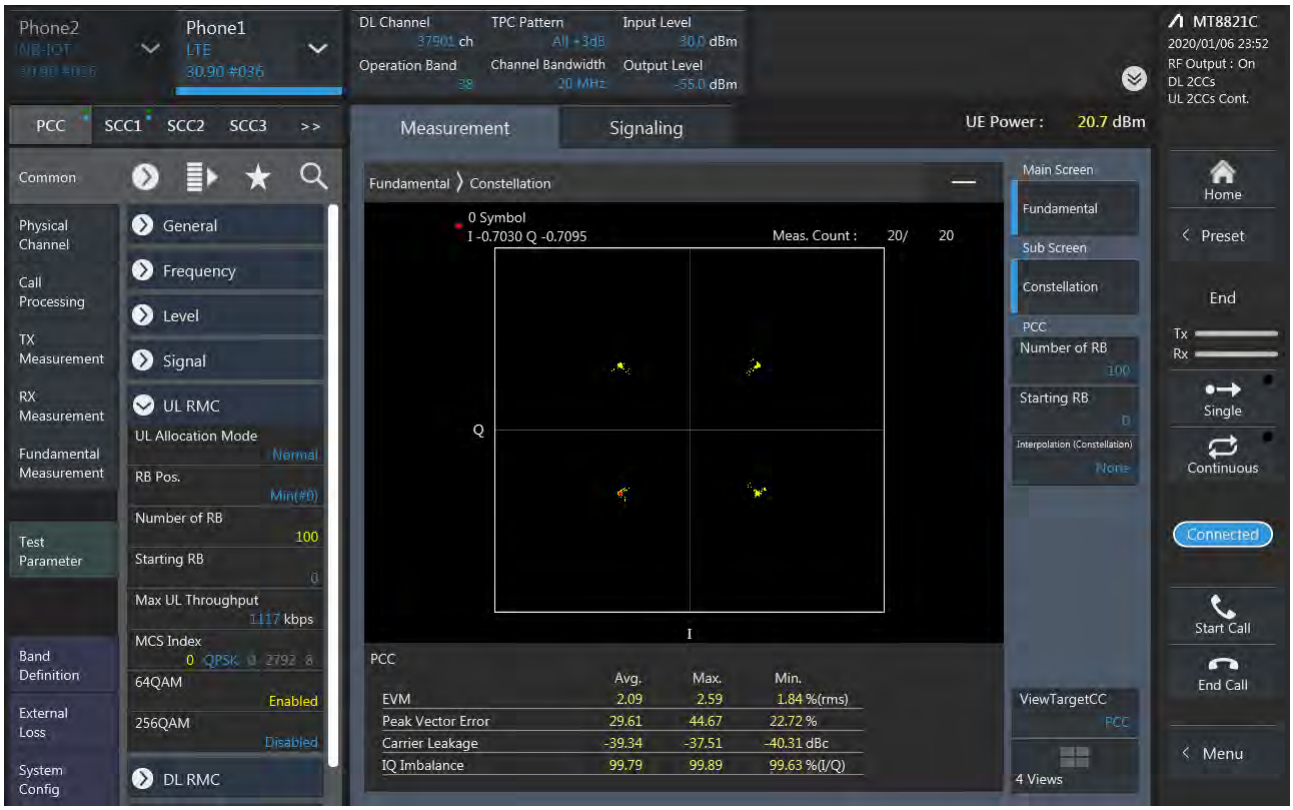
3 Modulation Characteristics

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 = 37901+38099



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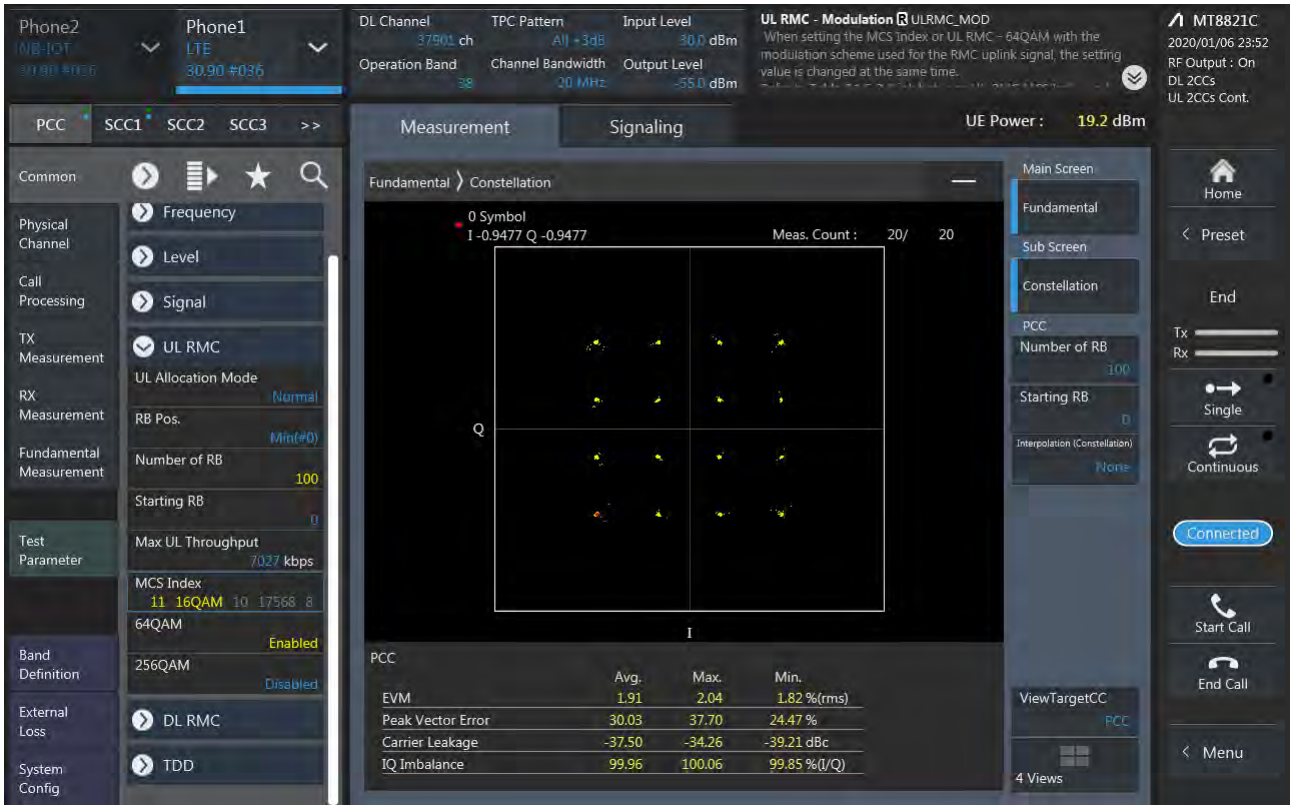
3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

3.1.1.2.1 Test Channel =37901+38099



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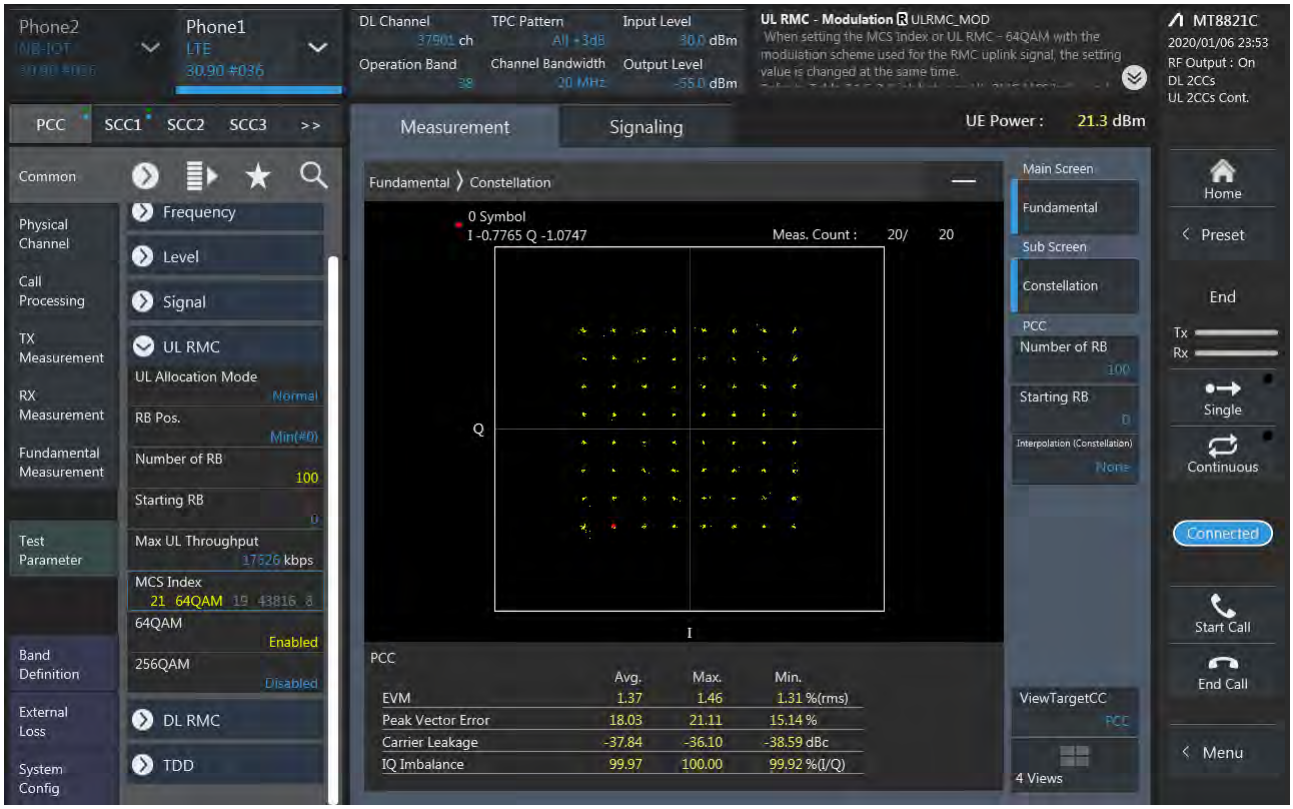
3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 Test Channel = 37901+38099



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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	28.22	29.19	PASS
CA_38C	QPSK	75RB+75RB	37925+38075	75RB#0	75RB#0	28.24	29.25	PASS
CA_38C	QPSK	75RB+75RB	38025+38175	75RB#0	75RB#0	28.24	29.21	PASS
CA_38C	QPSK	75RB+75RB	37975+37825	75RB#0	75RB#0	28.19	29.23	PASS
CA_38C	QPSK	75RB+75RB	38075+37925	75RB#0	75RB#0	28.19	29.18	PASS
CA_38C	QPSK	75RB+75RB	38175+38025	75RB#0	75RB#0	28.21	29.16	PASS
CA_38C	16QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.22	29.19	PASS
CA_38C	16QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.22	29.20	PASS
CA_38C	16QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.22	29.23	PASS
CA_38C	16QAM	75RB+75RB	37975+37825	75RB#0	75RB#0	28.21	29.21	PASS
CA_38C	16QAM	75RB+75RB	38075+37925	75RB#0	75RB#0	28.21	29.23	PASS
CA_38C	16QAM	75RB+75RB	38175+38025	75RB#0	75RB#0	28.21	29.24	PASS
CA_38C	64QAM	75RB+75RB	37825+37975	75RB#0	75RB#0	28.21	29.21	PASS
CA_38C	64QAM	75RB+75RB	37925+38075	75RB#0	75RB#0	28.22	29.23	PASS
CA_38C	64QAM	75RB+75RB	38025+38175	75RB#0	75RB#0	28.21	29.21	PASS
CA_38C	64QAM	75RB+75RB	37975+37825	75RB#0	75RB#0	28.21	29.21	PASS
CA_38C	64QAM	75RB+75RB	38075+37925	75RB#0	75RB#0	28.22	29.21	PASS
CA_38C	64QAM	75RB+75RB	38175+38025	75RB#0	75RB#0	28.21	29.20	PASS
CA_38C	QPSK	100RB+100RB	37850+38048	100RB#0	100RB#0	37.43	38.92	PASS
CA_38C	QPSK	100RB+100RB	37901+38099	100RB#0	100RB#0	37.41	38.92	PASS
CA_38C	QPSK	100RB+100RB	37952+38150	100RB#0	100RB#0	37.41	38.92	PASS
CA_38C	QPSK	100RB+100RB	38048+37850	100RB#0	100RB#0	37.43	38.88	PASS
CA_38C	QPSK	100RB+100RB	38099+37901	100RB#0	100RB#0	37.43	38.90	PASS
CA_38C	QPSK	100RB+100RB	38150+37952	100RB#0	100RB#0	37.43	38.90	PASS
CA_38C	16QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.43	38.92	PASS
CA_38C	16QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.43	38.90	PASS
CA_38C	16QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.43	38.92	PASS
CA_38C	16QAM	100RB+100RB	38048+37850	100RB#0	100RB#0	37.41	38.92	PASS
CA_38C	16QAM	100RB+100RB	38099+37901	100RB#0	100RB#0	37.41	38.88	PASS
CA_38C	16QAM	100RB+100RB	38150+37952	100RB#0	100RB#0	37.41	38.88	PASS
CA_38C	64QAM	100RB+100RB	37850+38048	100RB#0	100RB#0	37.43	38.90	PASS
CA_38C	64QAM	100RB+100RB	37901+38099	100RB#0	100RB#0	37.45	38.92	PASS

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Test Band	Modulation PCC&SCC	Test Mode PCC/SCC	Test Channel PCC/SCC	PCC RB	SCC RB	OBW [MHz]	EBW [MHz]	Verdict
CA_38C	64QAM	100RB+100RB	37952+38150	100RB#0	100RB#0	37.43	38.94	PASS
CA_38C	64QAM	100RB+100RB	38048+37850	100RB#0	100RB#0	37.43	38.90	PASS
CA_38C	64QAM	100RB+100RB	38099+37901	100RB#0	100RB#0	37.43	38.89	PASS
CA_38C	64QAM	100RB+100RB	38150+37952	100RB#0	100RB#0	37.43	38.88	PASS

4.1 For LTE

4.1.1 Test Band = LTE Band CA_38C

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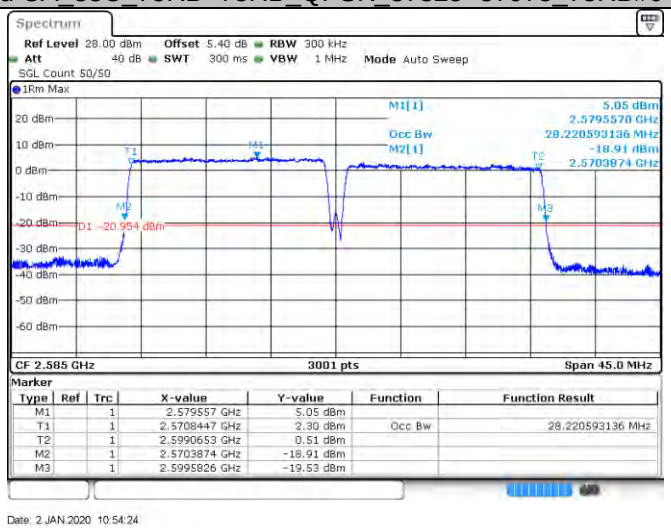

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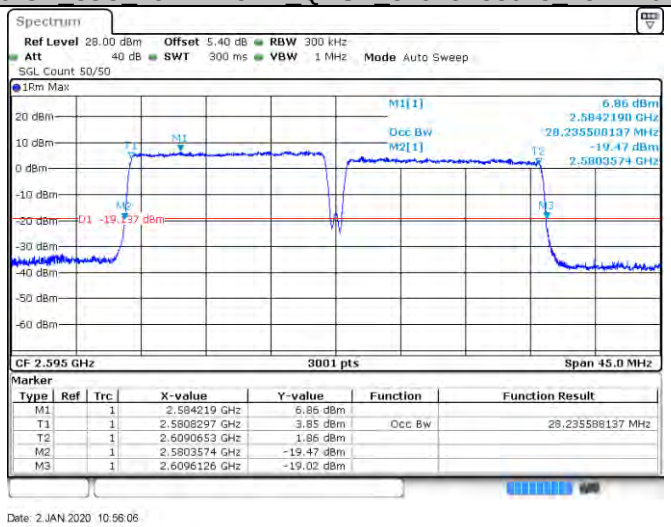

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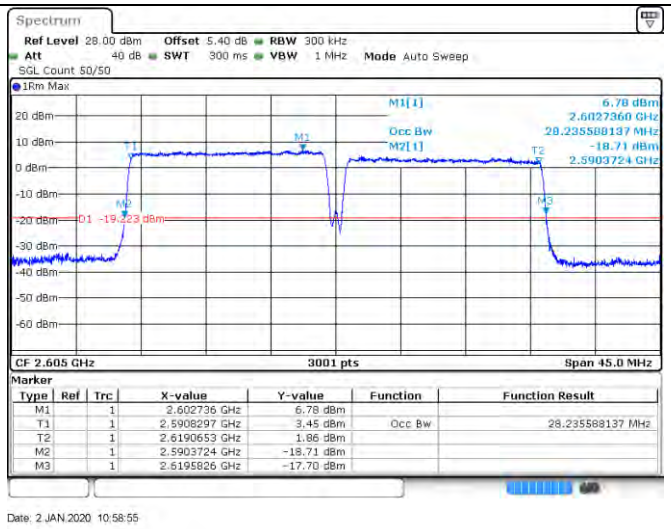

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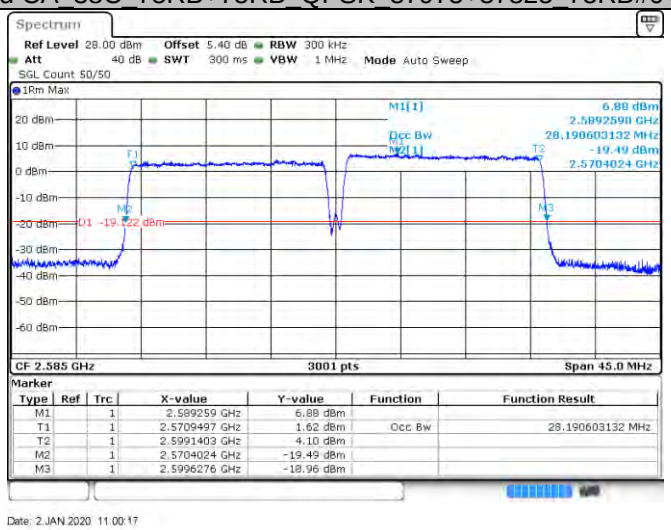

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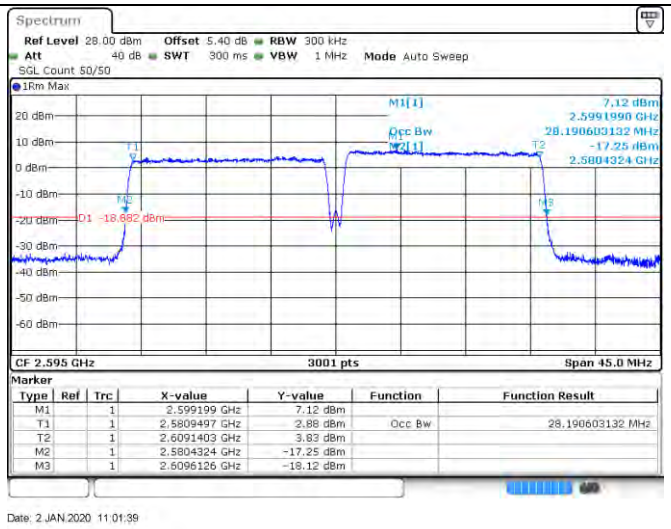

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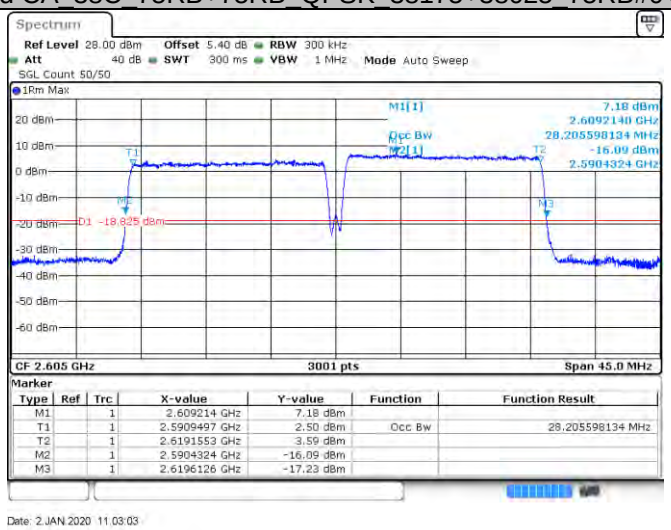

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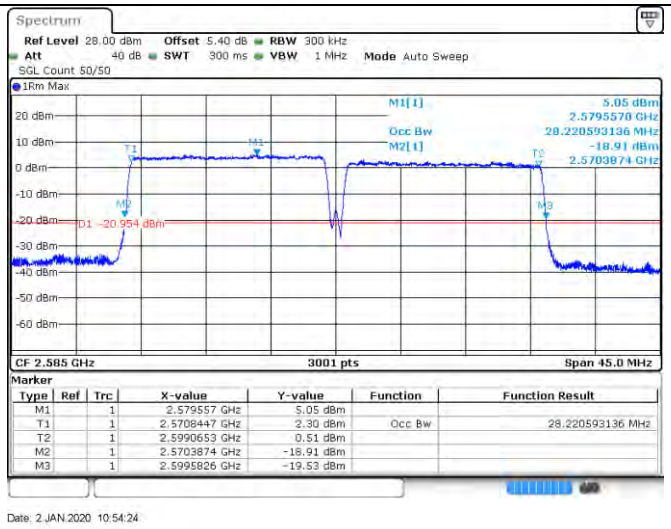

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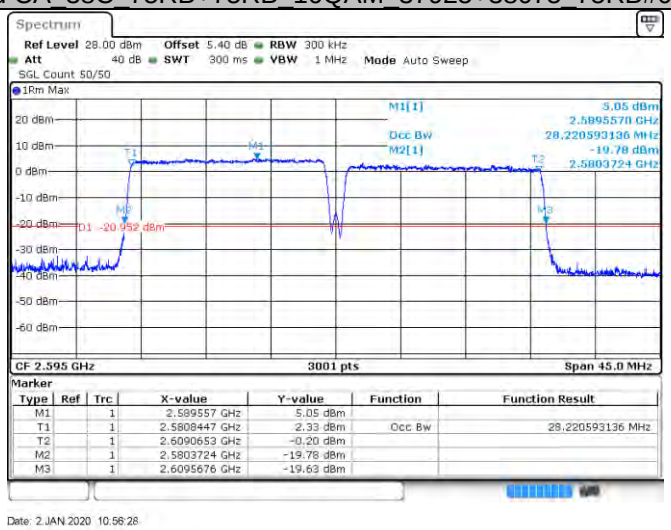

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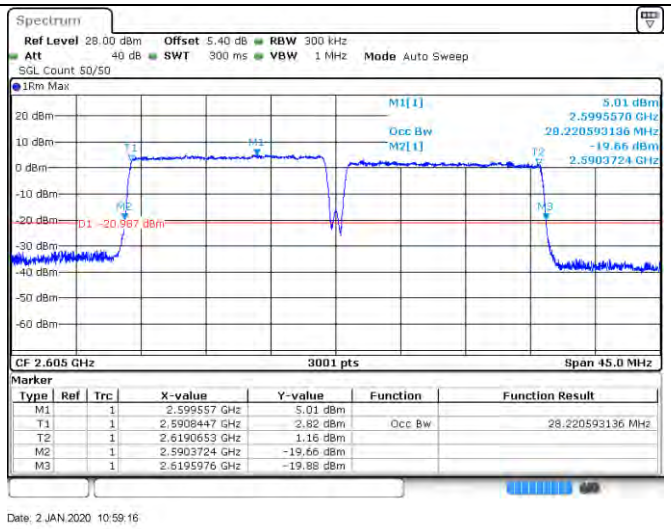

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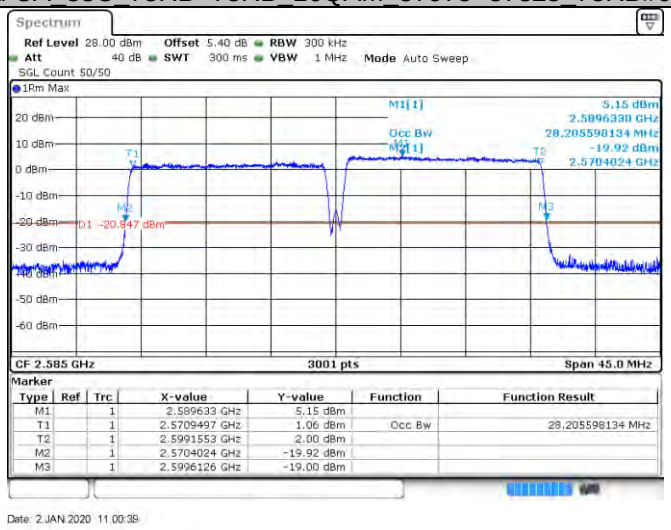

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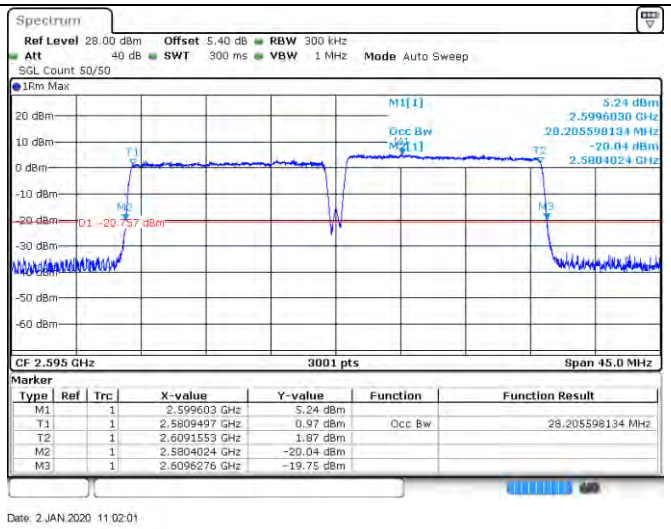

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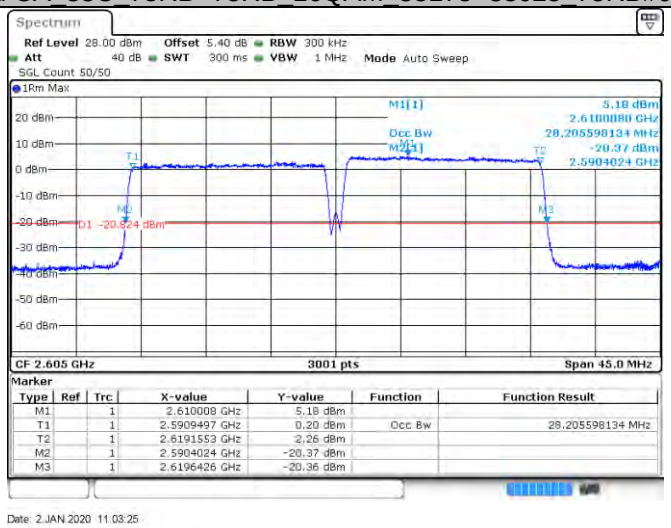

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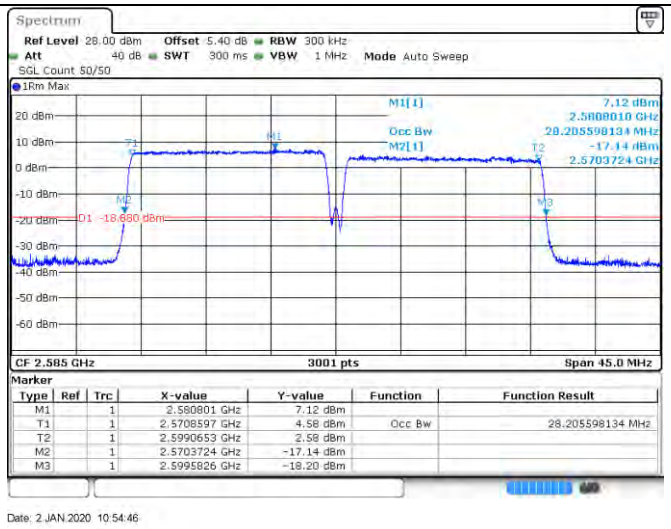

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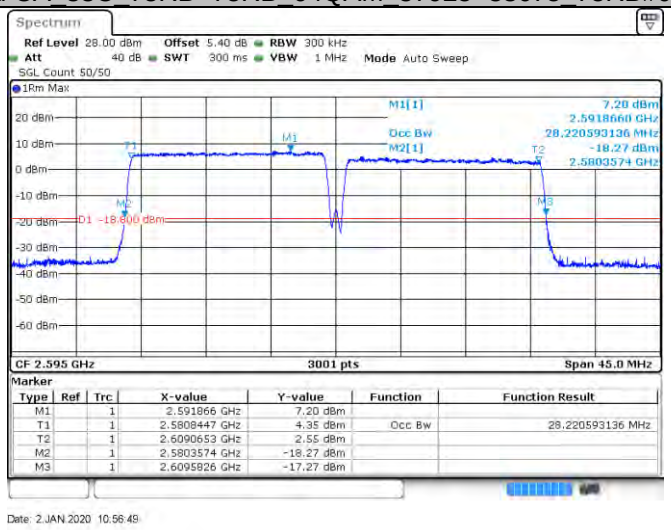

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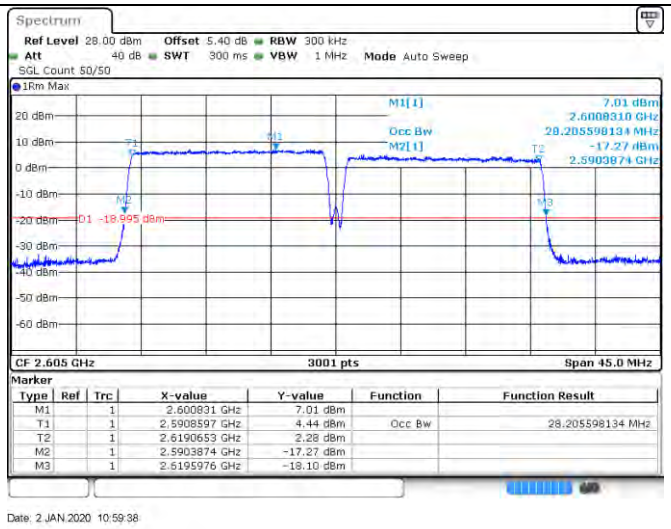

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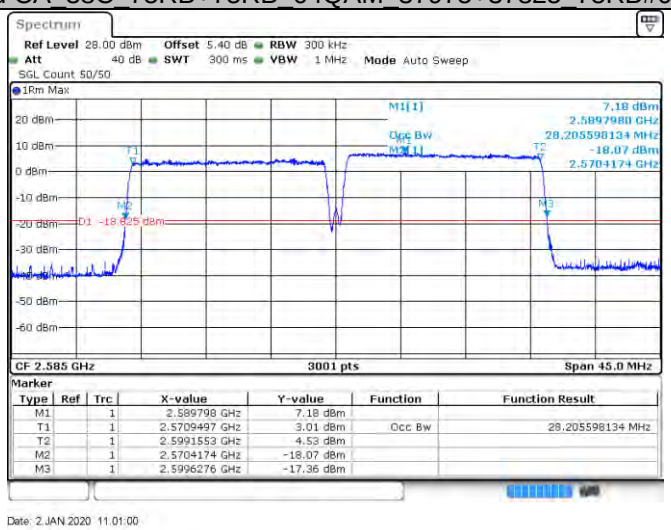

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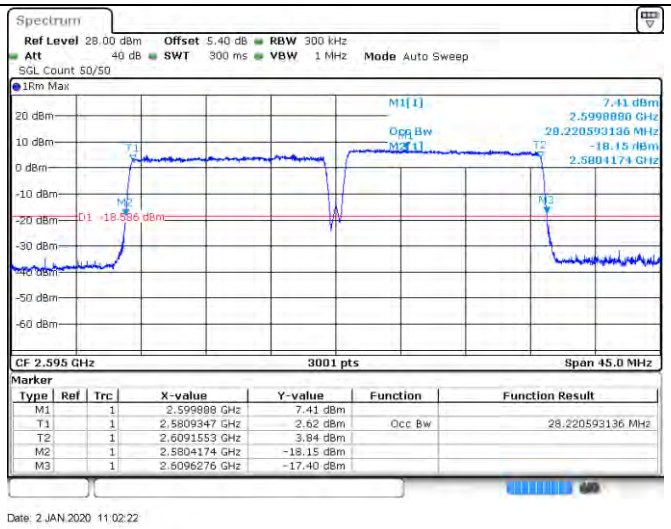

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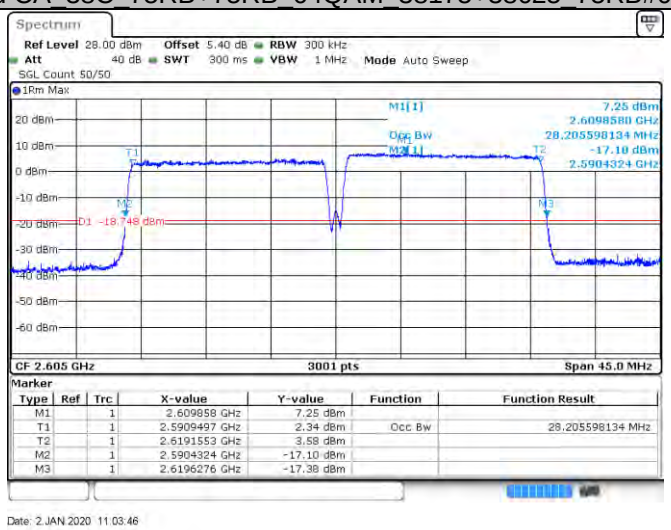

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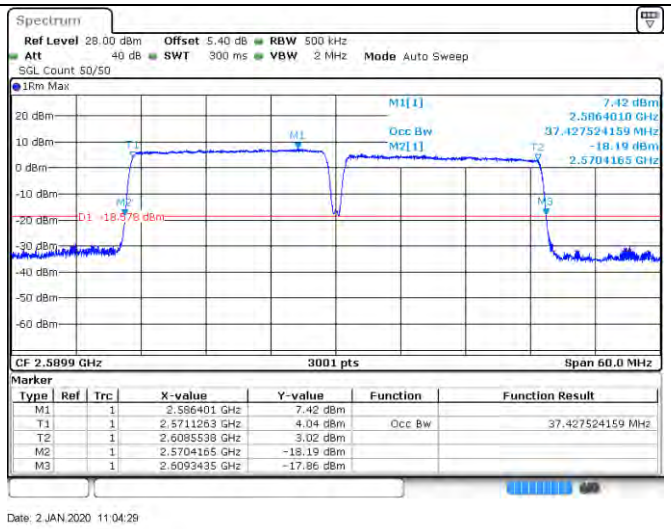

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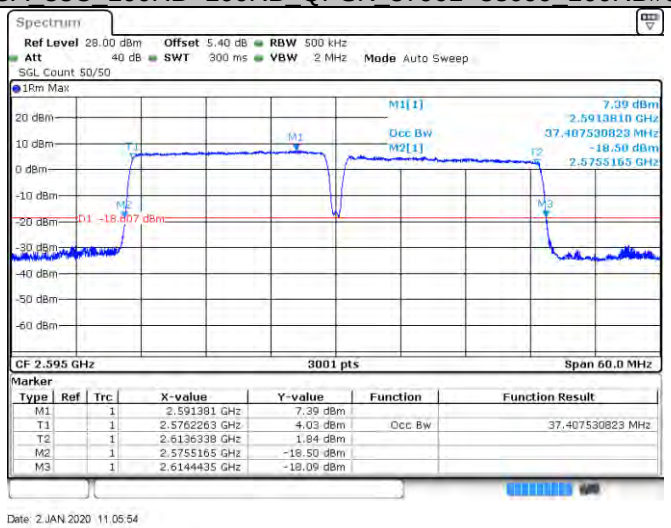

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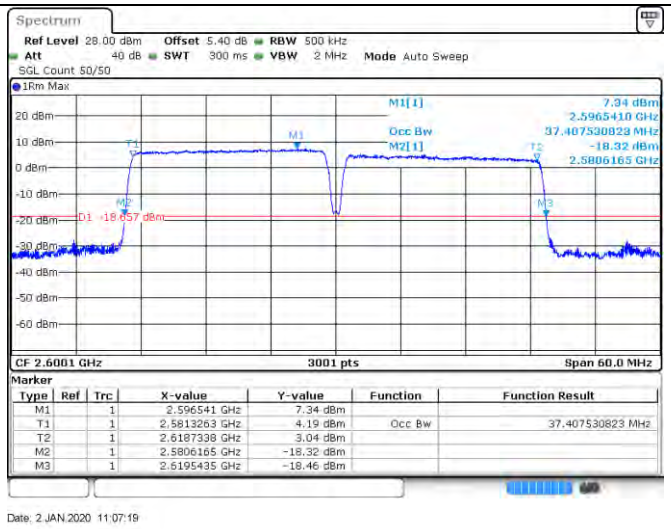

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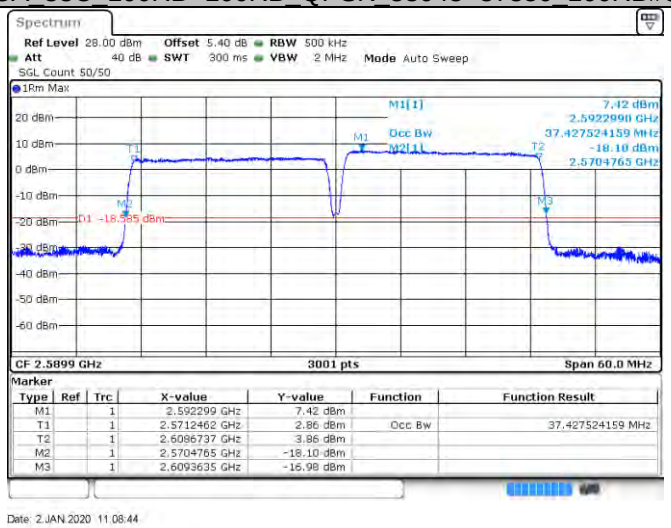

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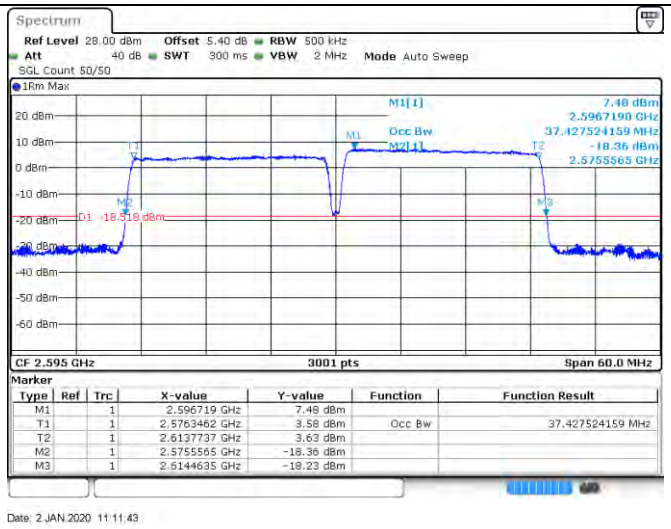

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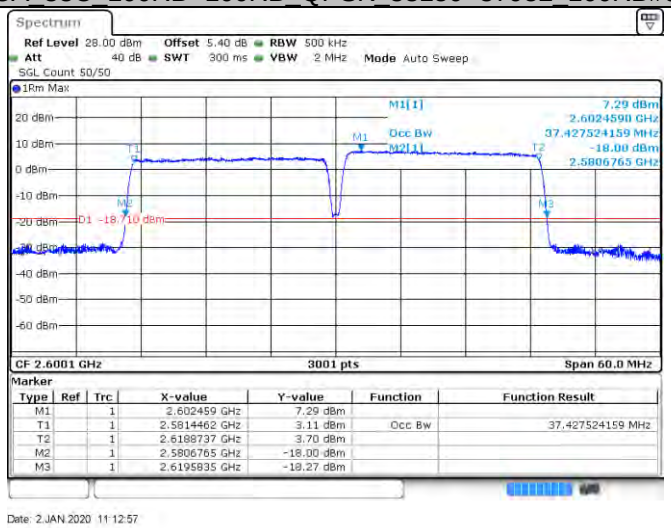

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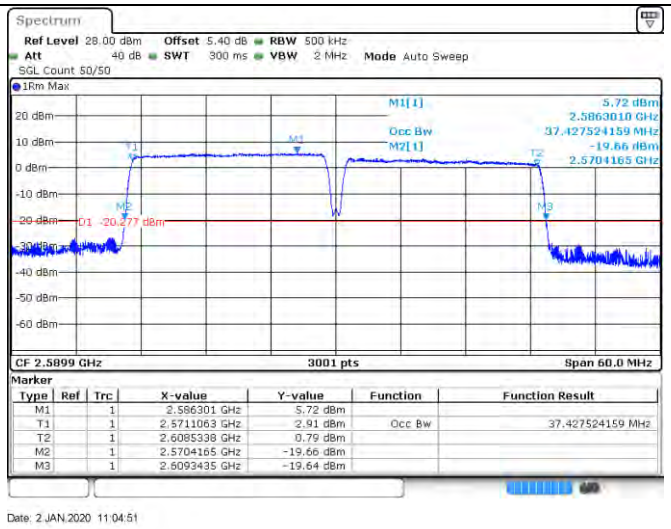

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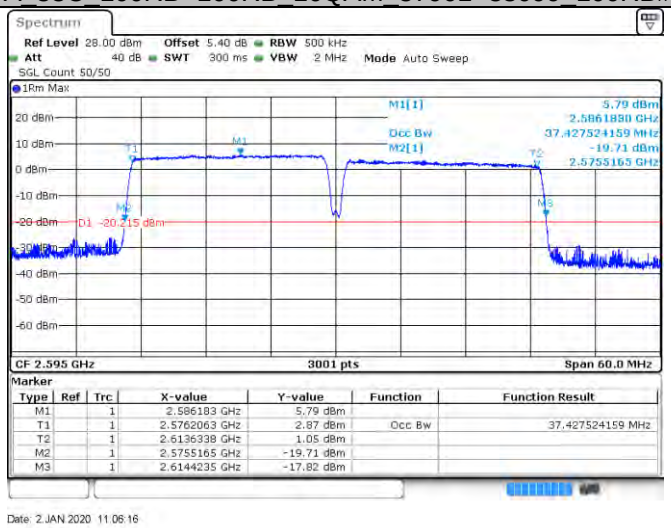

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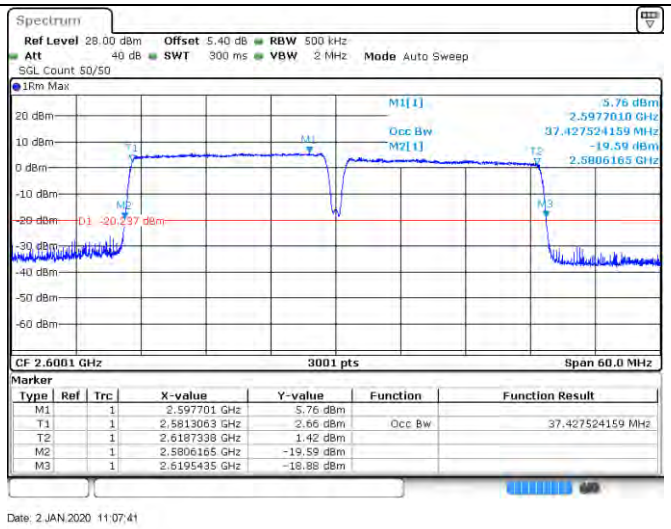

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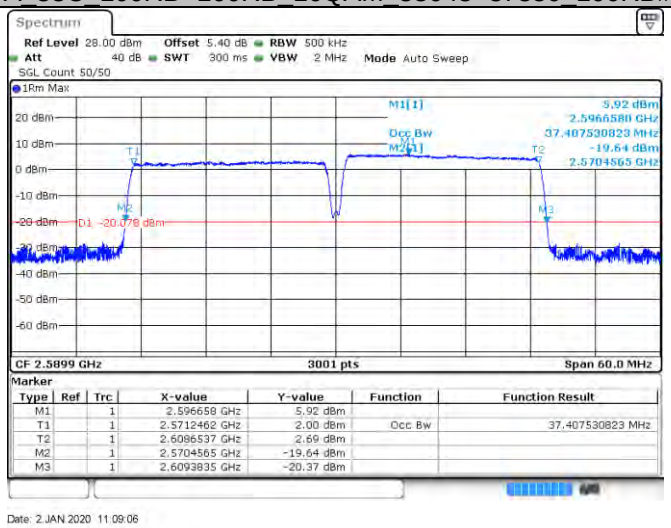

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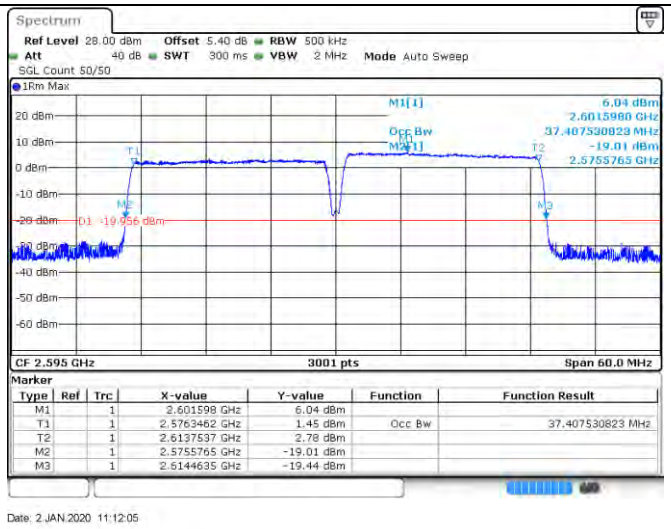

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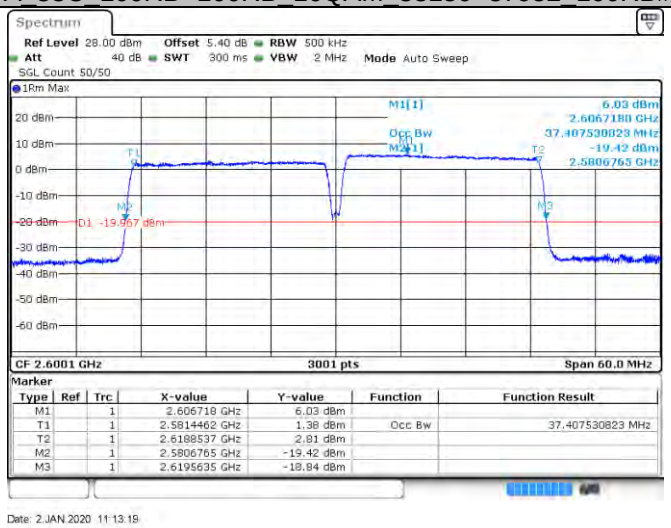

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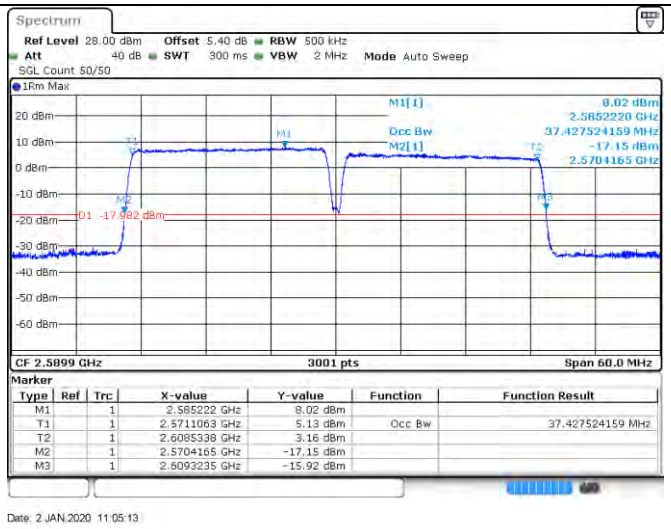

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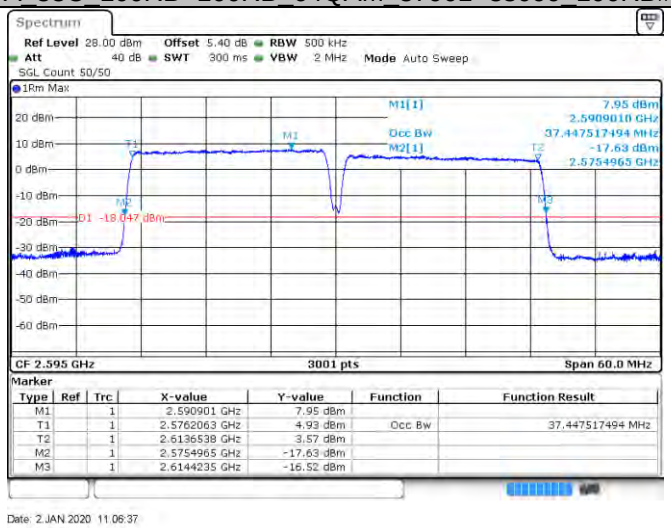

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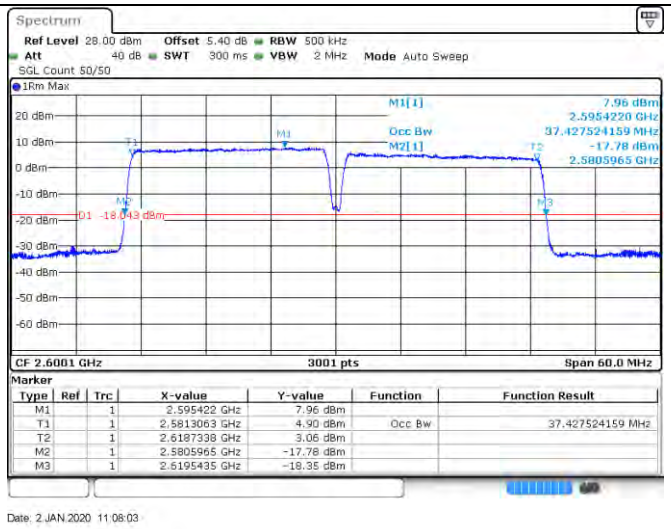

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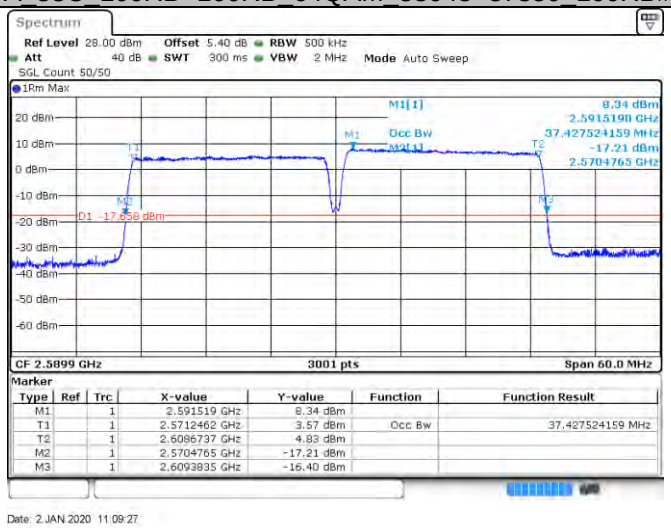

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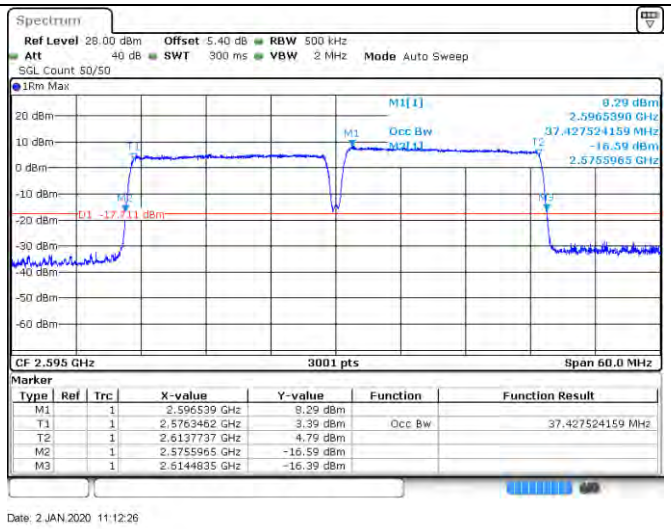
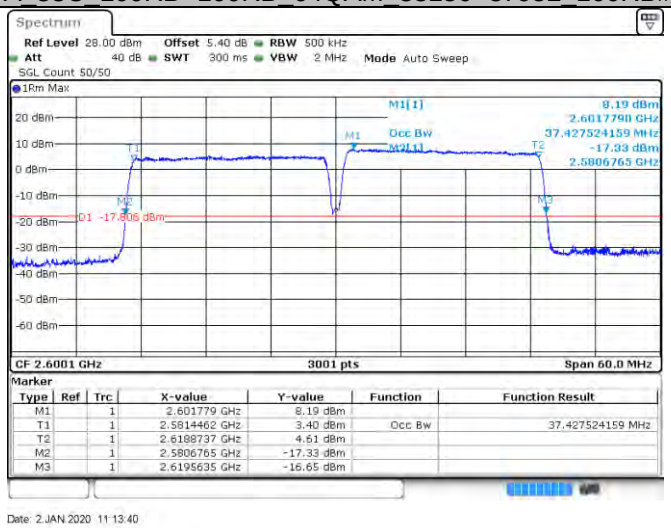


LTE Band CA_38C_100RB+100RB_64QAM_38150+37952_100RB#0+100RB#0



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5 Band Edges Compliance

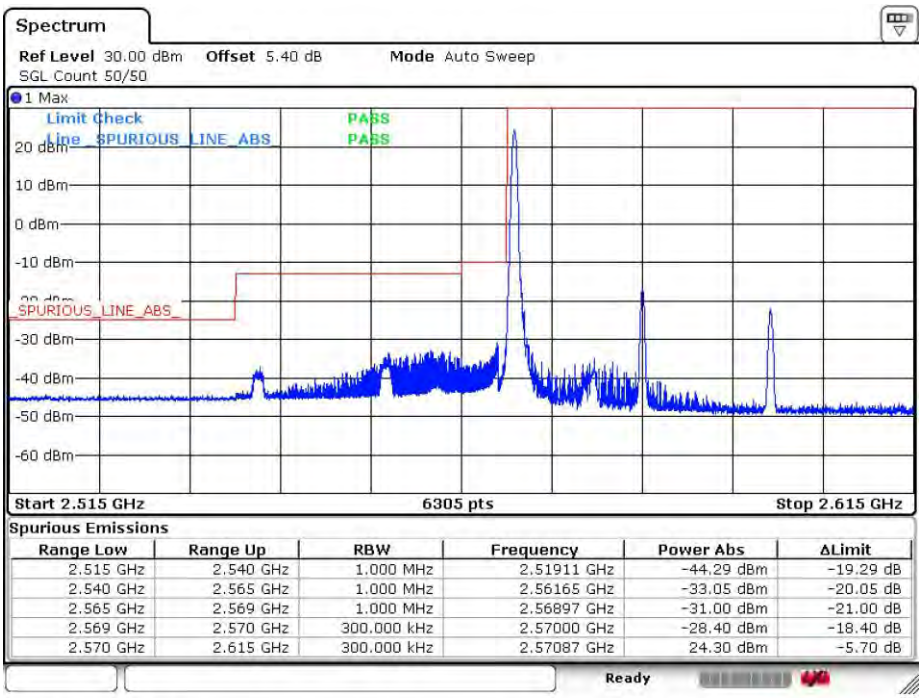
5.1 For LTE

5.1.1 Test Band = LTE Band CA_38C

5.1.1.1 Test Mode = LTE /QPSK 75RB+75RB

5.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1 Test RB=1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.51911 GHz	-44.29 dBm	-19.29 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56165 GHz	-33.05 dBm	-20.05 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-31.00 dBm	-21.00 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-28.40 dBm	-18.40 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.57087 GHz	24.30 dBm	-5.70 dB

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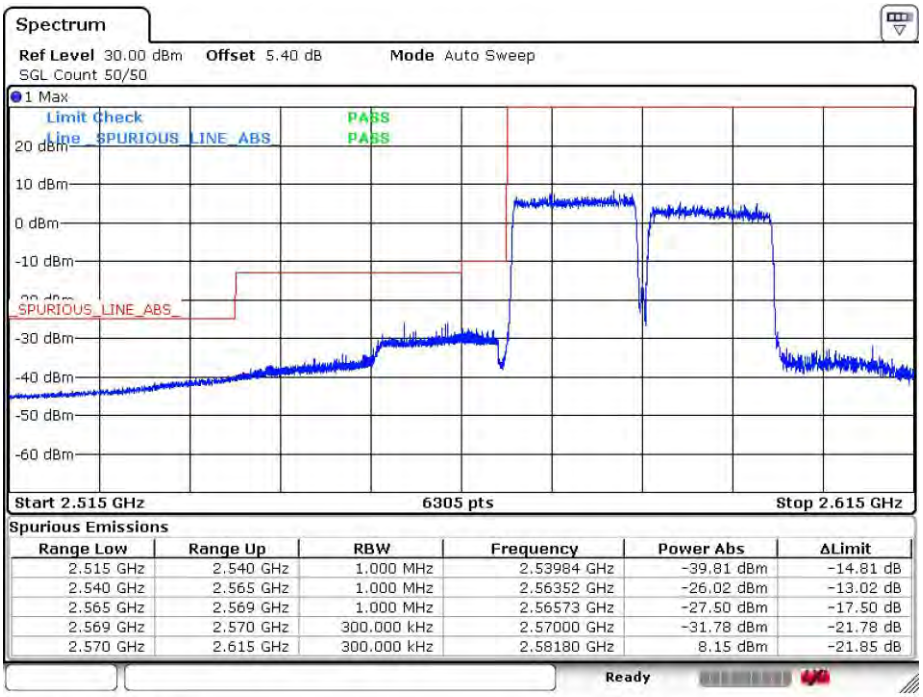
5.1.1.1.1.2 Test RB=75RB#0+75RB#0



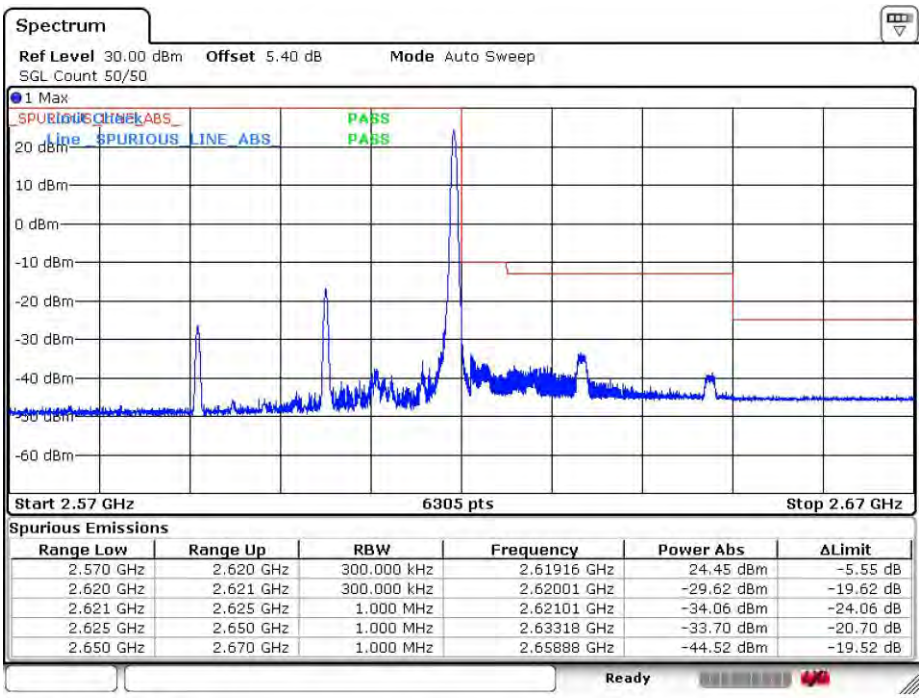
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.53984 GHz	-39.81 dBm	-14.81 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56352 GHz	-26.02 dBm	-13.02 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56573 GHz	-27.50 dBm	-17.50 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-31.78 dBm	-21.78 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.58180 GHz	8.15 dBm	-21.85 dB

Date: 3.JAN.2020 07:41:37

5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB#74+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.61916 GHz	24.45 dBm	-5.55 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62001 GHz	-29.62 dBm	-19.62 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-34.06 dBm	-24.06 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.63318 GHz	-33.70 dBm	-20.70 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65888 GHz	-44.52 dBm	-19.52 dB

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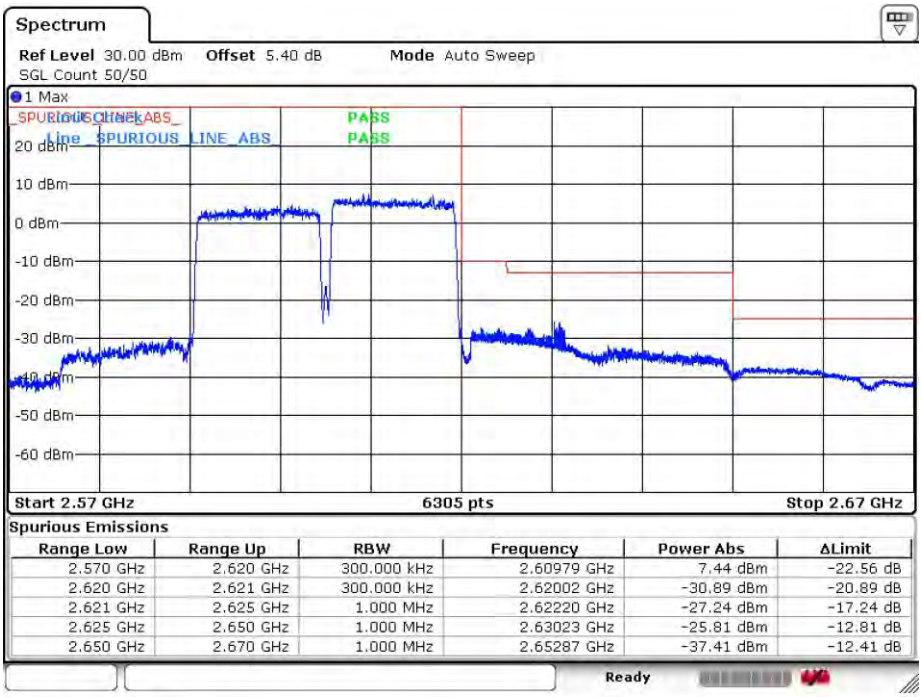
5.1.1.1.2.2 Test RB=75RB#0+75RB#0



Spurious Emissions

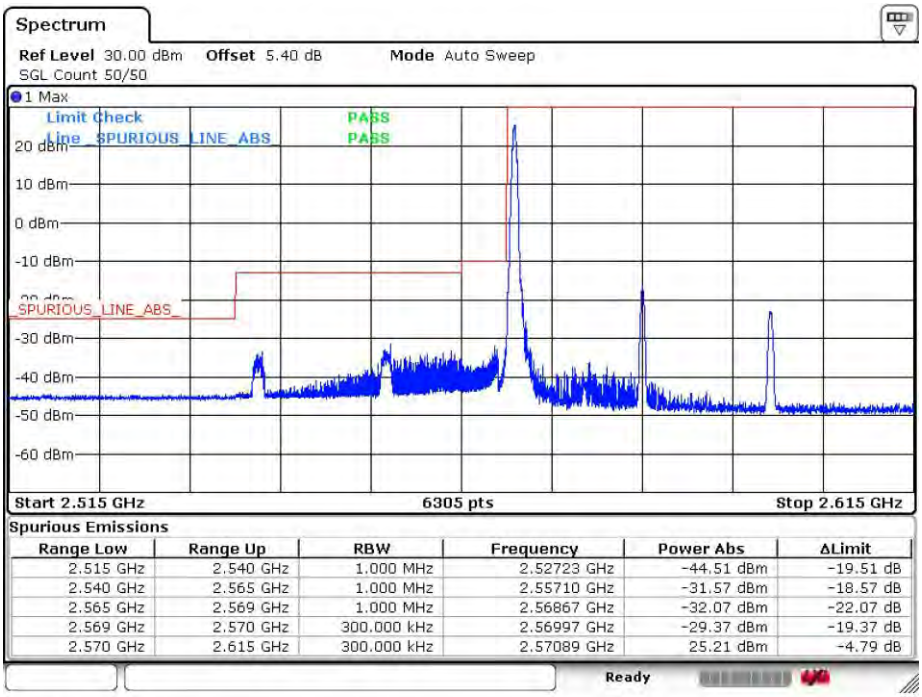
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.60979 GHz	7.44 dBm	-22.56 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62002 GHz	-30.89 dBm	-20.89 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62220 GHz	-27.24 dBm	-17.24 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.63023 GHz	-25.81 dBm	-12.81 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65287 GHz	-37.41 dBm	-12.41 dB

Date: 3.JAN.2020 07:50:44

5.1.1.2 Test Mode = LTE /16QAM 75RB+75RB

5.1.1.2.1 Test Channel = LCH

5.1.1.2.1.1 Test RB=1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.52723 GHz	-44.51 dBm	-19.51 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.55710 GHz	-31.57 dBm	-18.57 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56867 GHz	-32.07 dBm	-22.07 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56997 GHz	-29.37 dBm	-19.37 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.57089 GHz	25.21 dBm	-4.79 dB

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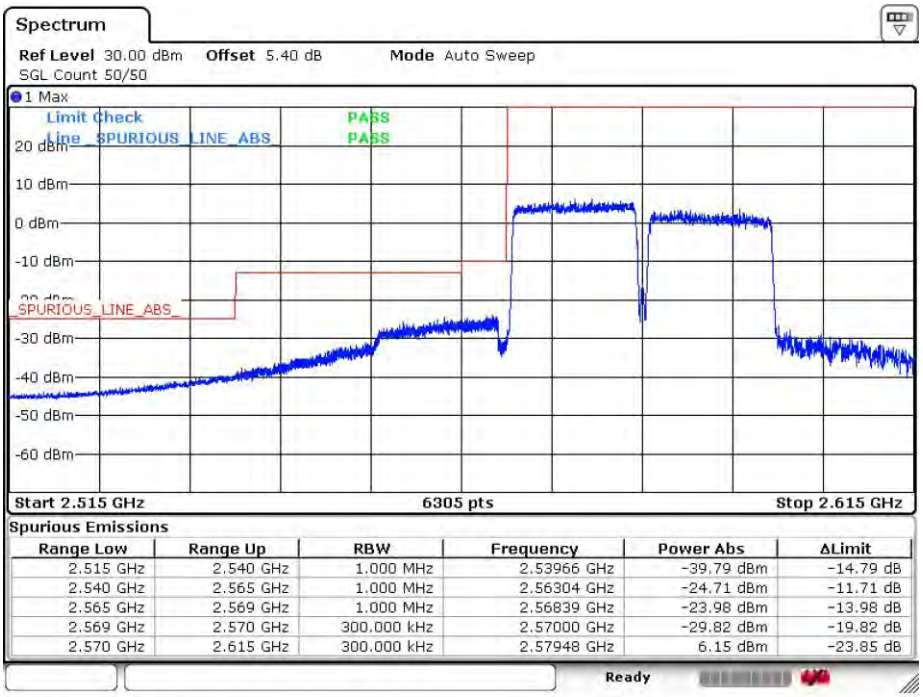
5.1.1.2.1.2 Test RB=75RB#0+75RB#0



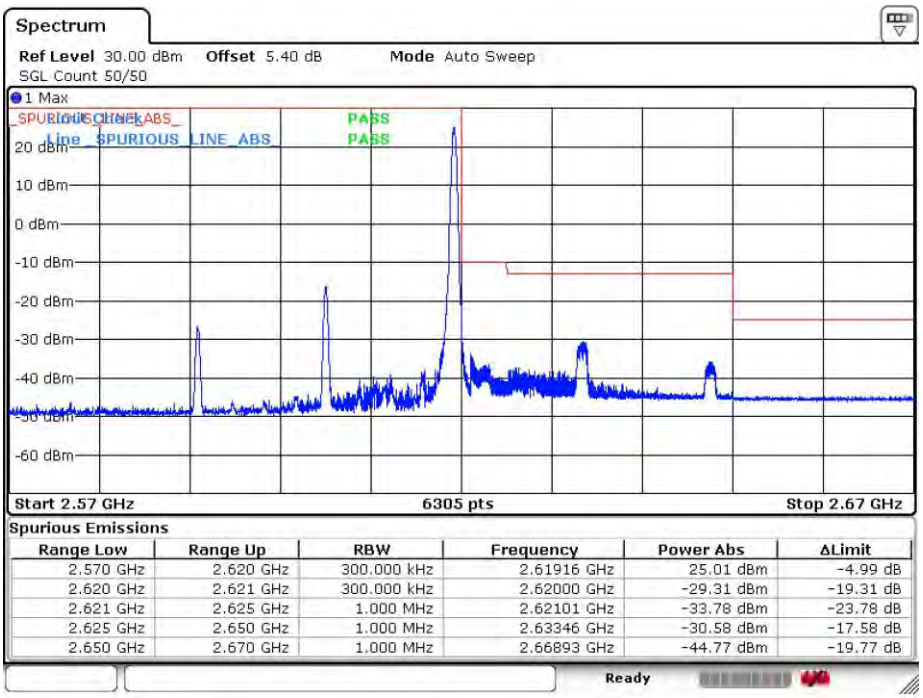
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.53966 GHz	-39.79 dBm	-14.79 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.56304 GHz	-24.71 dBm	-11.71 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56839 GHz	-23.98 dBm	-13.98 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-29.82 dBm	-19.82 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.57948 GHz	6.15 dBm	-23.85 dB

Date: 3.JAN.2020 07:43:23

5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB#74+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.61916 GHz	25.01 dBm	-4.99 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-29.31 dBm	-19.31 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-33.78 dBm	-23.78 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.63346 GHz	-30.58 dBm	-17.58 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.66893 GHz	-44.77 dBm	-19.77 dB

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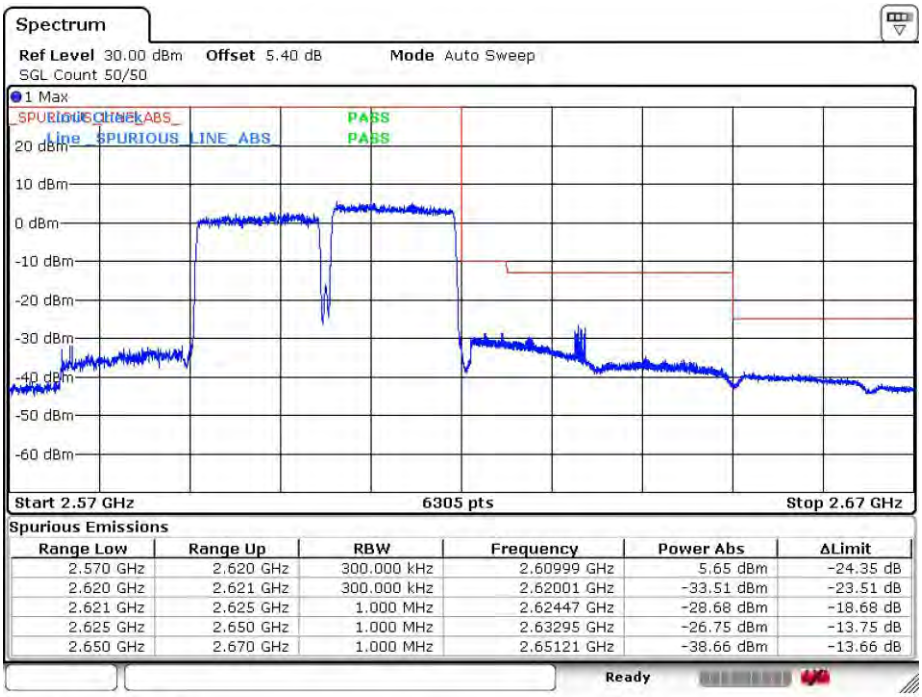
5.1.1.2.2.2 Test RB=75RB#0+75RB#0



Spurious Emissions

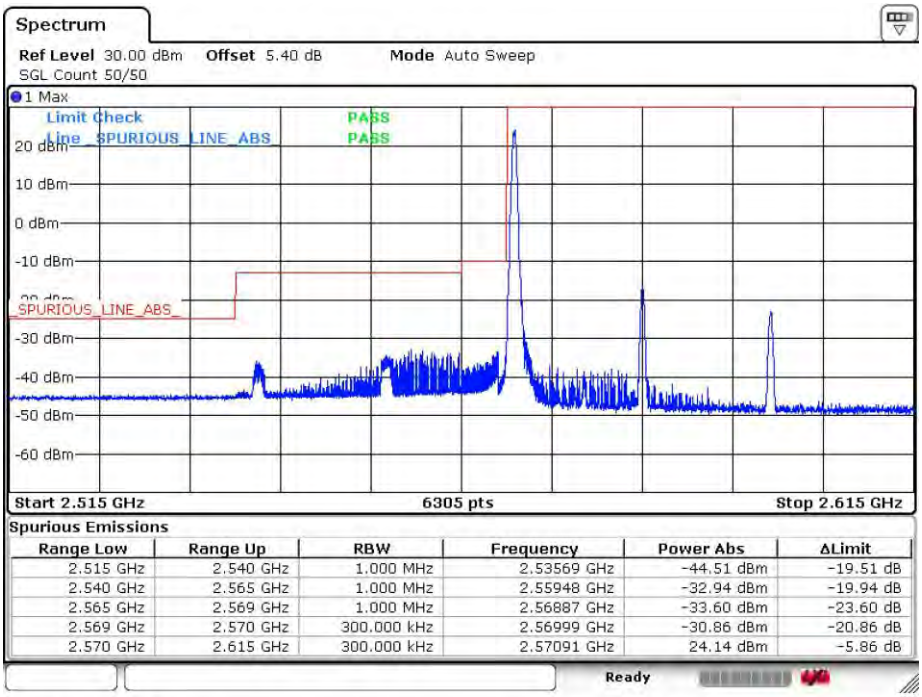
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.60999 GHz	5.65 dBm	-24.35 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62001 GHz	-33.51 dBm	-23.51 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62447 GHz	-28.68 dBm	-18.68 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.63295 GHz	-26.75 dBm	-13.75 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65121 GHz	-38.66 dBm	-13.66 dB

Date: 3.JAN.2020 07:53:47

5.1.1.3 Test Mode = LTE /64QAM 75RB+75RB

5.1.1.3.1 Test Channel = LCH

5.1.1.3.1.1 Test RB=1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.53569 GHz	-44.51 dBm	-19.51 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.55948 GHz	-32.94 dBm	-19.94 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56887 GHz	-33.60 dBm	-23.60 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-30.86 dBm	-20.86 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.57091 GHz	24.14 dBm	-5.86 dB

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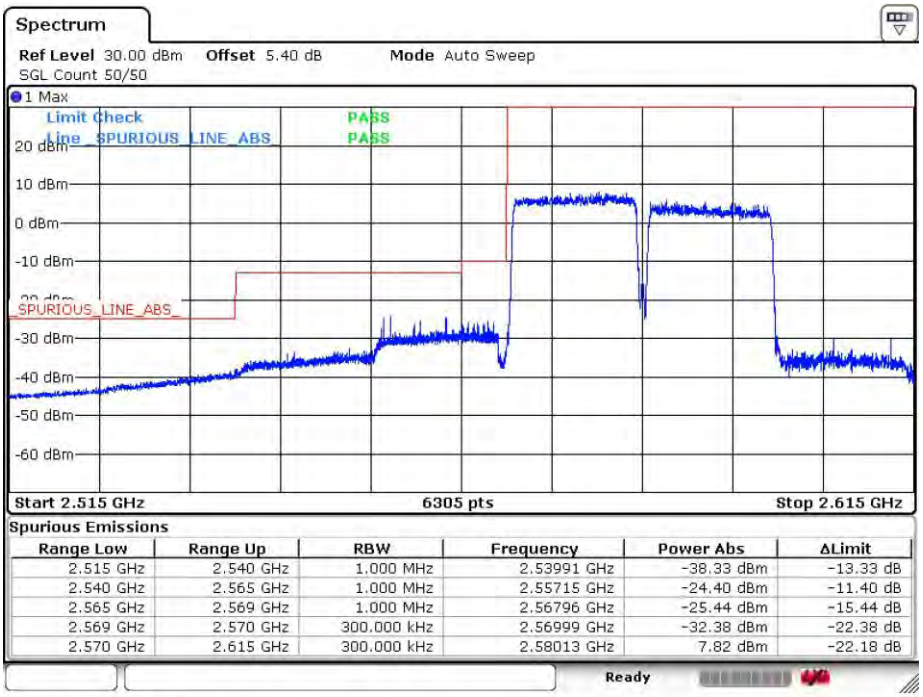
5.1.1.3.1.2 Test RB=75RB#0+75RB#0



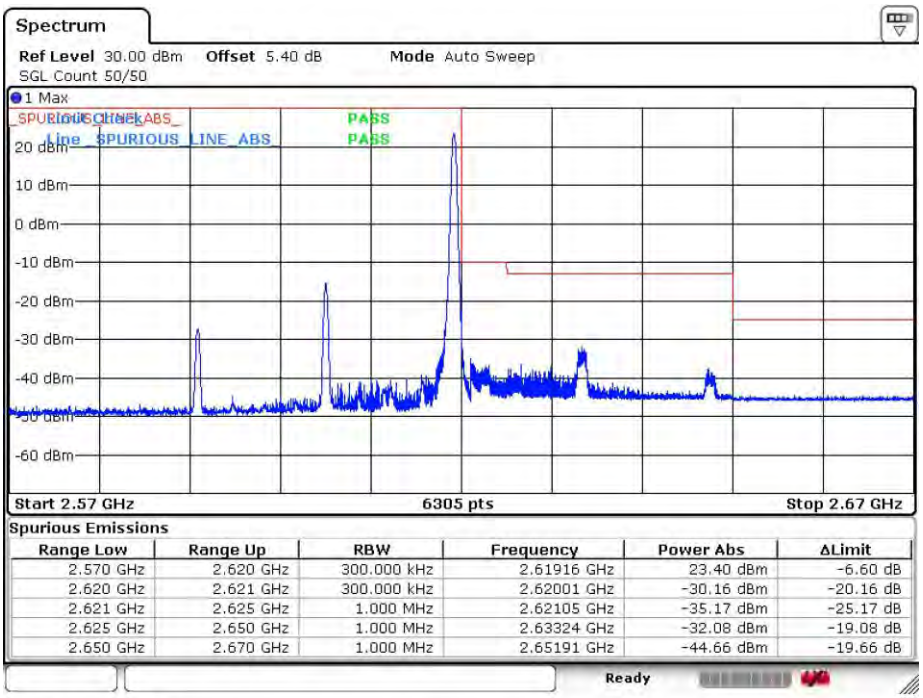
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.540 GHz	1.000 MHz	2.53991 GHz	-38.33 dBm	-13.33 dB
2.540 GHz	2.565 GHz	1.000 MHz	2.55715 GHz	-24.40 dBm	-11.40 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56796 GHz	-25.44 dBm	-15.44 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-32.38 dBm	-22.38 dB
2.570 GHz	2.615 GHz	300.000 kHz	2.58013 GHz	7.82 dBm	-22.18 dB

Date: 3.JAN.2020 07:44:45

5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB#74+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.61916 GHz	23.40 dBm	-6.60 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62001 GHz	-30.16 dBm	-20.16 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62105 GHz	-35.17 dBm	-25.17 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.63324 GHz	-32.08 dBm	-19.08 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65191 GHz	-44.66 dBm	-19.66 dB

Date: 3.JAN.2020 08:05:21

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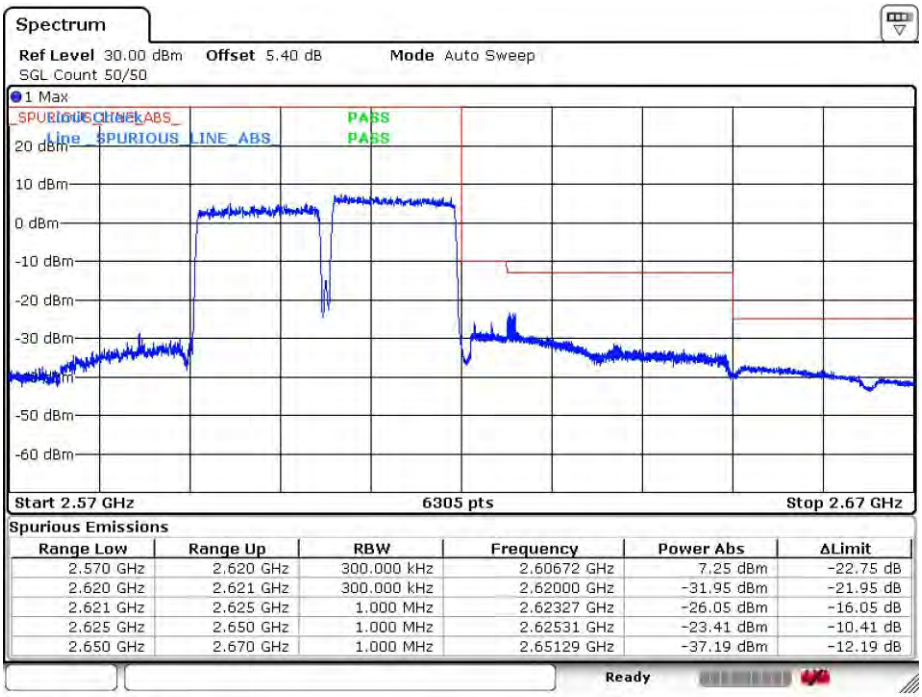
5.1.1.3.2.2 Test RB=75RB#0+75RB#0



Spurious Emissions

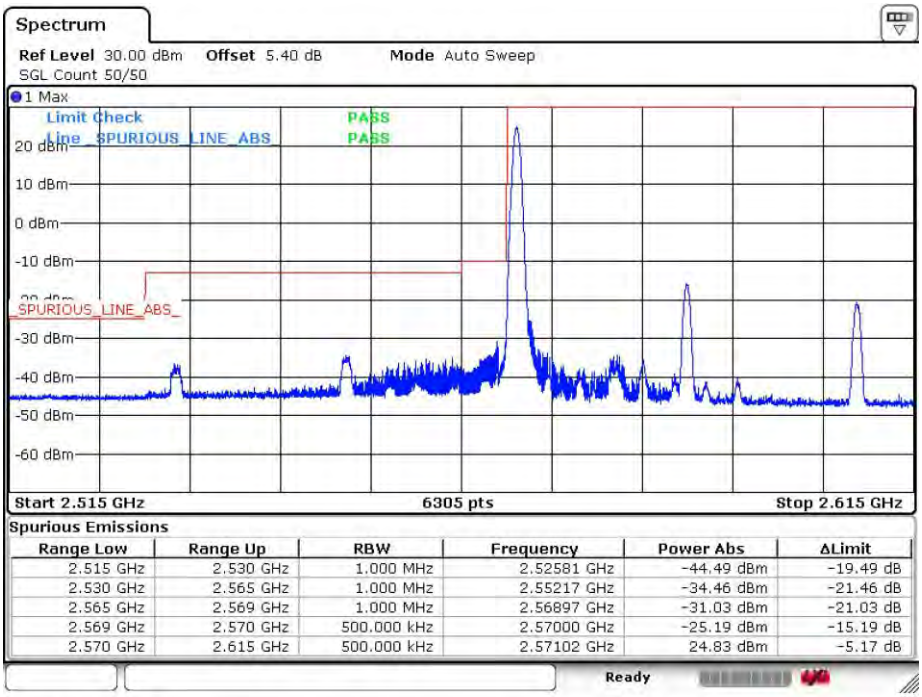
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	300.000 kHz	2.60672 GHz	7.25 dBm	-22.75 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-31.95 dBm	-21.95 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62327 GHz	-26.05 dBm	-16.05 dB
2.625 GHz	2.650 GHz	1.000 MHz	2.62531 GHz	-23.41 dBm	-10.41 dB
2.650 GHz	2.670 GHz	1.000 MHz	2.65129 GHz	-37.19 dBm	-12.19 dB

Date: 3.JAN.2020 07:54:58

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

5.1.1.4.1 Test Channel = LCH

5.1.1.4.1.1 Test RB=1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52581 GHz	-44.49 dBm	-19.49 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.55217 GHz	-34.46 dBm	-21.46 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-31.03 dBm	-21.03 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-25.19 dBm	-15.19 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.57102 GHz	24.83 dBm	-5.17 dB

Date: 3.JAN.2020 08:23:34

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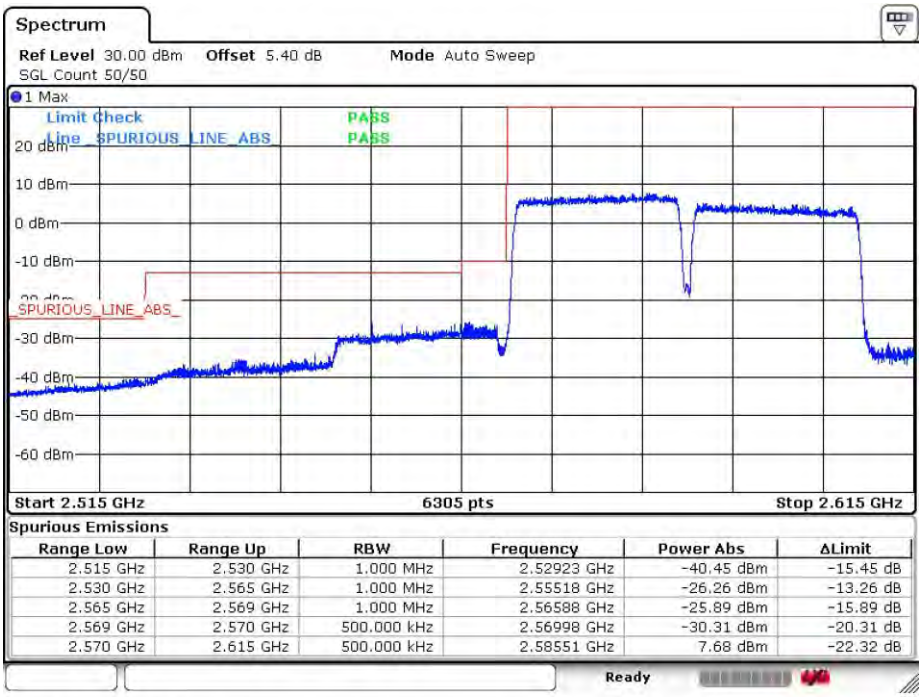
5.1.1.4.1.2 Test RB=100RB#0+100RB#0



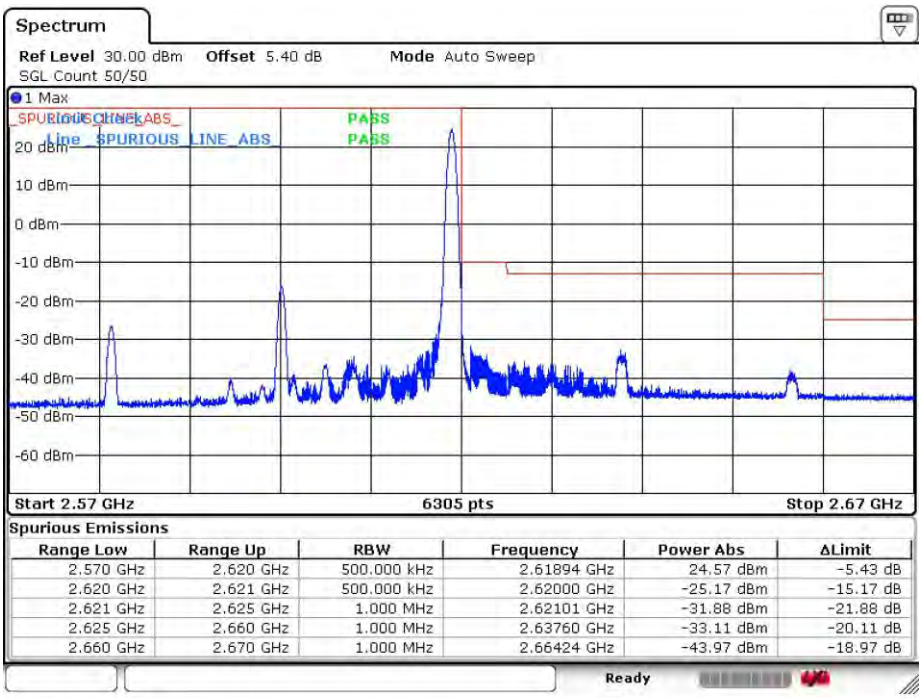
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52923 GHz	-40.45 dBm	-15.45 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.55518 GHz	-26.26 dBm	-13.26 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56588 GHz	-25.89 dBm	-15.89 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56998 GHz	-30.31 dBm	-20.31 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.58551 GHz	7.68 dBm	-22.32 dB

Date: 3.JAN.2020 08:15:03

5.1.1.4.2 Test Channel = HCH

5.1.1.4.2.1 Test RB=1RB#99+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.61894 GHz	24.57 dBm	-5.43 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-25.17 dBm	-15.17 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-31.88 dBm	-21.88 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.63760 GHz	-33.11 dBm	-20.11 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66424 GHz	-43.97 dBm	-18.97 dB

Date: 3.JAN.2020 08:37:56

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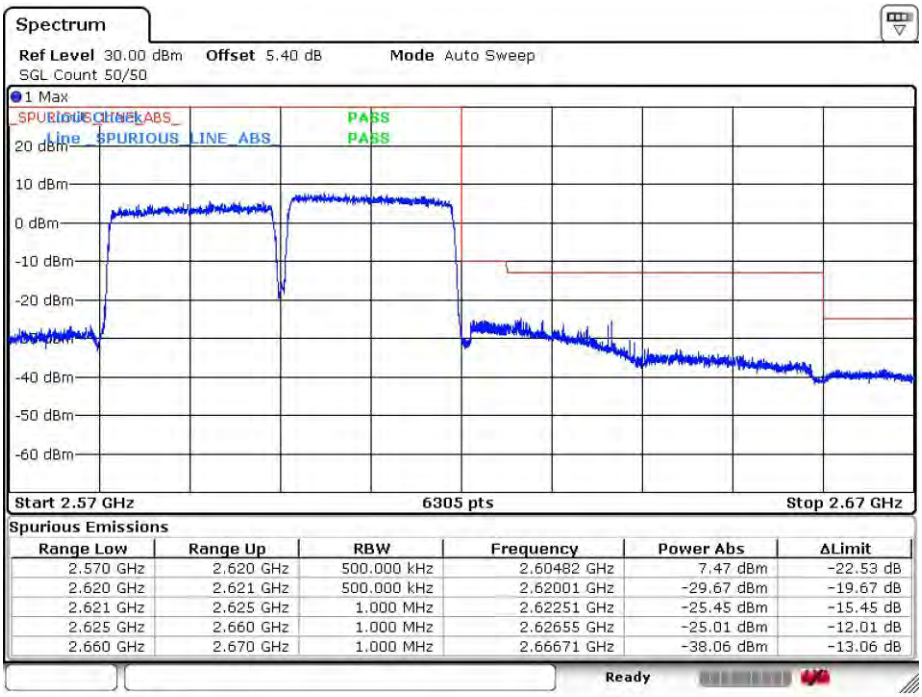
5.1.1.4.2.2 Test RB=100RB#0+100RB#0



Spurious Emissions

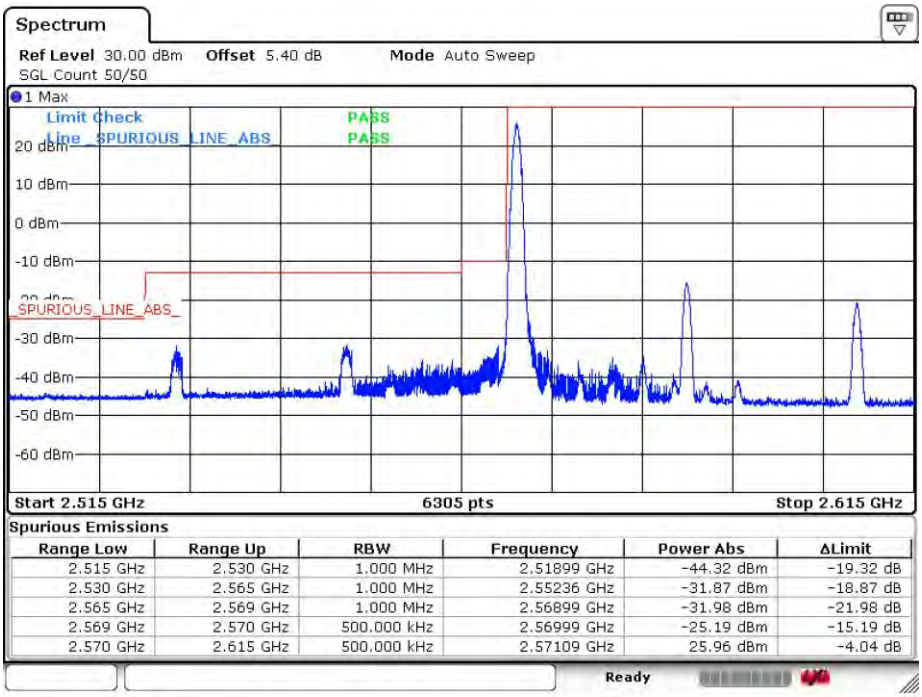
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.60482 GHz	7.47 dBm	-22.53 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-29.67 dBm	-19.67 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62251 GHz	-25.45 dBm	-15.45 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62655 GHz	-25.01 dBm	-12.01 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66671 GHz	-38.06 dBm	-13.06 dB

Date: 3.JAN.2020 08:26:55

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

5.1.1.5.1 Test Channel = LCH

5.1.1.5.1.1 Test RB=1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.51899 GHz	-44.32 dBm	-19.32 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.55236 GHz	-31.87 dBm	-18.87 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-31.98 dBm	-21.98 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56999 GHz	-25.19 dBm	-15.19 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.57109 GHz	25.96 dBm	-4.04 dB

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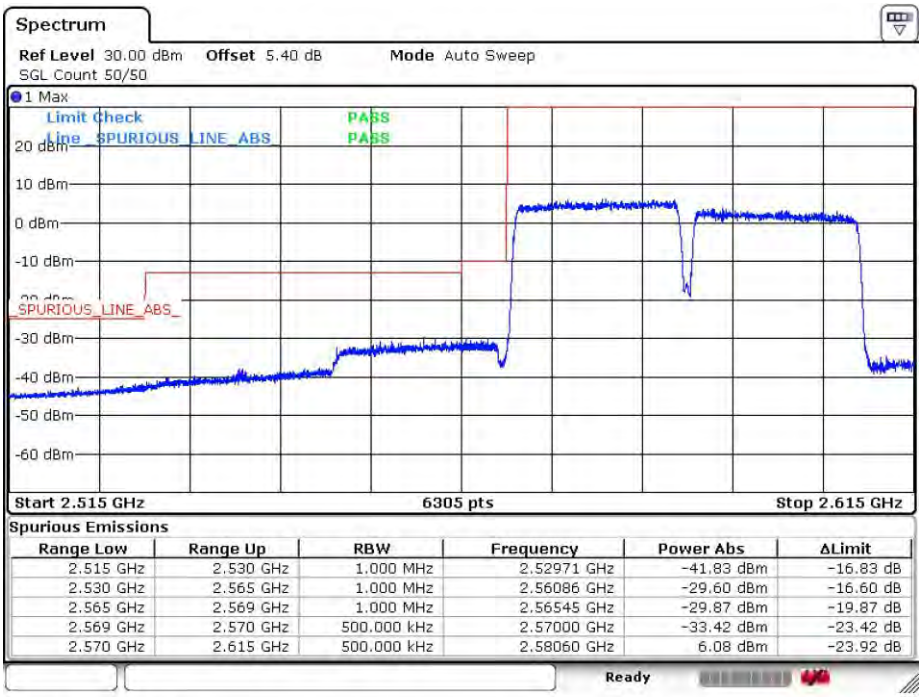
5.1.1.5.1.2 Test RB=100RB#0+100RB#0



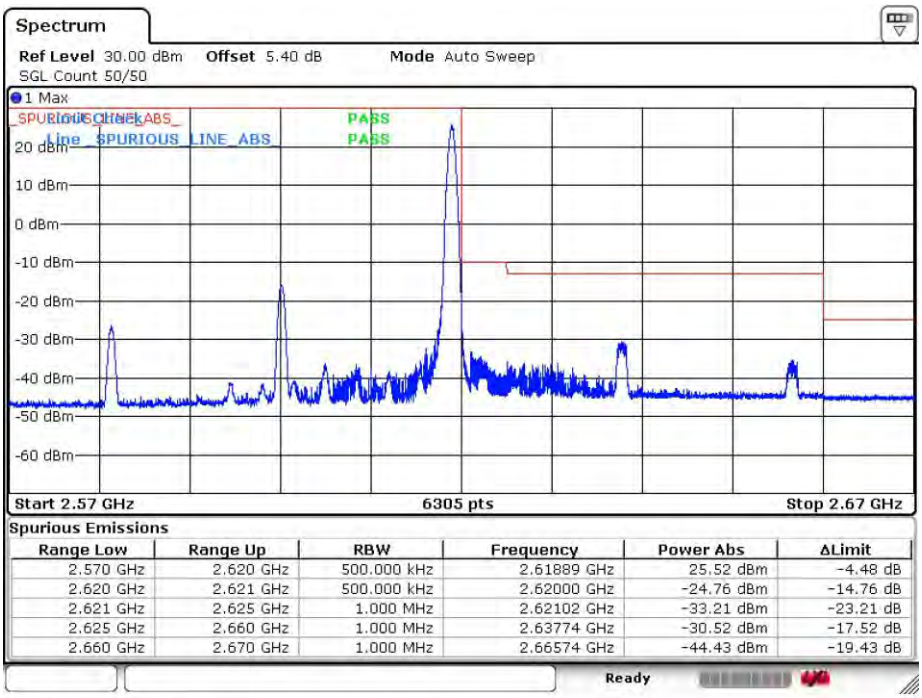
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52971 GHz	-41.83 dBm	-16.83 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56086 GHz	-29.60 dBm	-16.60 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56545 GHz	-29.87 dBm	-19.87 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-33.42 dBm	-23.42 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.58060 GHz	6.08 dBm	-23.92 dB

Date: 3.JAN.2020 08:17:36

5.1.1.5.2 Test Channel = HCH

5.1.1.5.2.1 Test RB=1RB#99+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.61889 GHz	25.52 dBm	-4.48 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-24.76 dBm	-14.76 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62102 GHz	-33.21 dBm	-23.21 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.63774 GHz	-30.52 dBm	-17.52 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66574 GHz	-44.43 dBm	-19.43 dB

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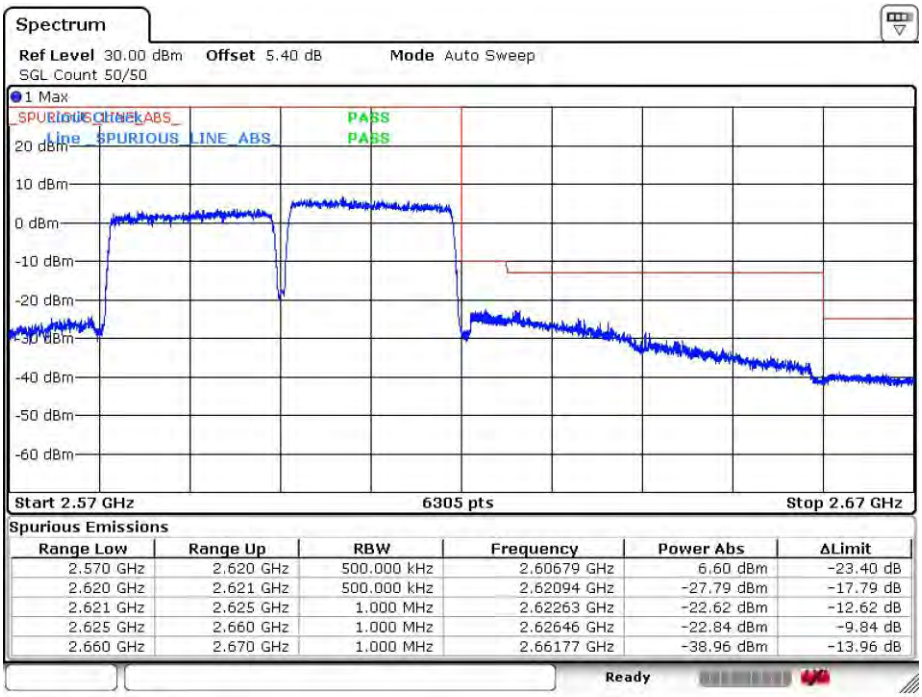
5.1.1.5.2.2 Test RB=100RB#0+100RB#0



Spurious Emissions

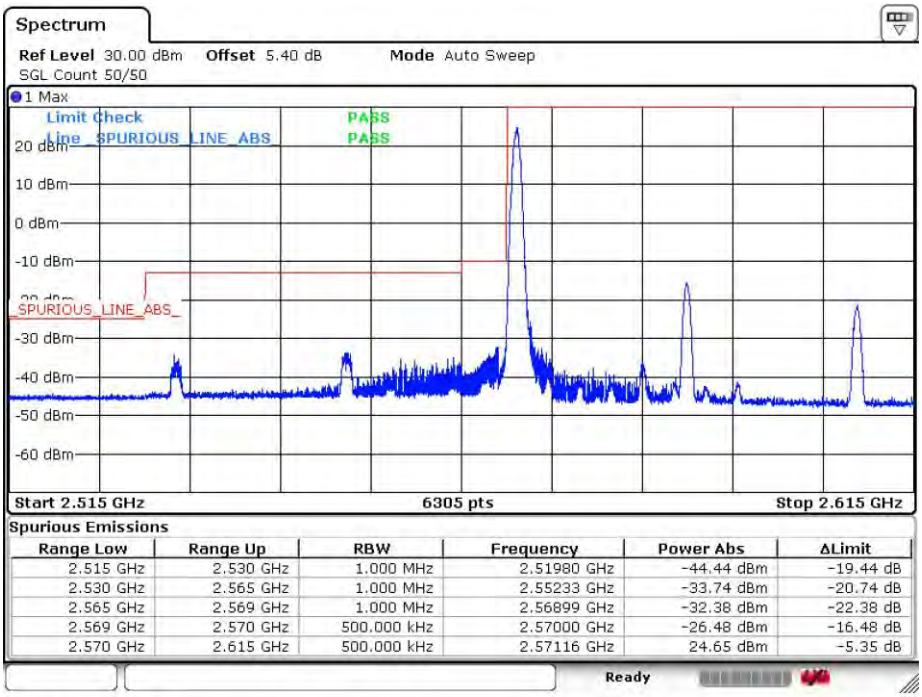
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.60679 GHz	6.60 dBm	-23.40 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62094 GHz	-27.79 dBm	-17.79 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62263 GHz	-22.62 dBm	-12.62 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62646 GHz	-22.84 dBm	-9.84 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66177 GHz	-38.96 dBm	-13.96 dB

Date: 3.JAN.2020 08:29:24

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

5.1.1.6.1 Test Channel = LCH

5.1.1.6.1.1 Test RB=1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.51980 GHz	-44.44 dBm	-19.44 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.55233 GHz	-33.74 dBm	-20.74 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-32.38 dBm	-22.38 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-26.48 dBm	-16.48 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.57116 GHz	24.65 dBm	-5.35 dB

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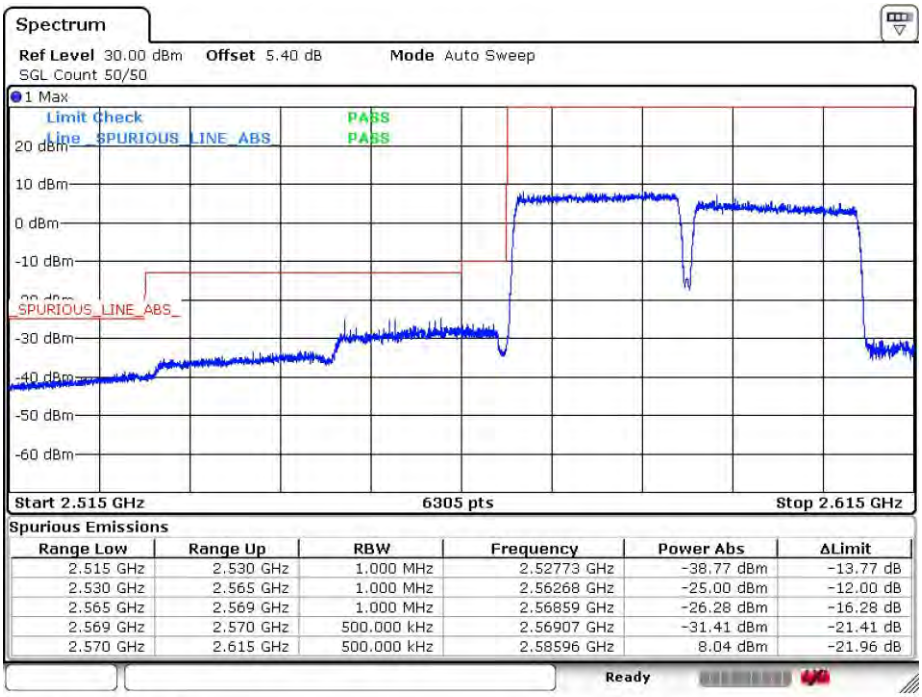
5.1.1.6.1.2 Test RB=100RB#0+100RB#0



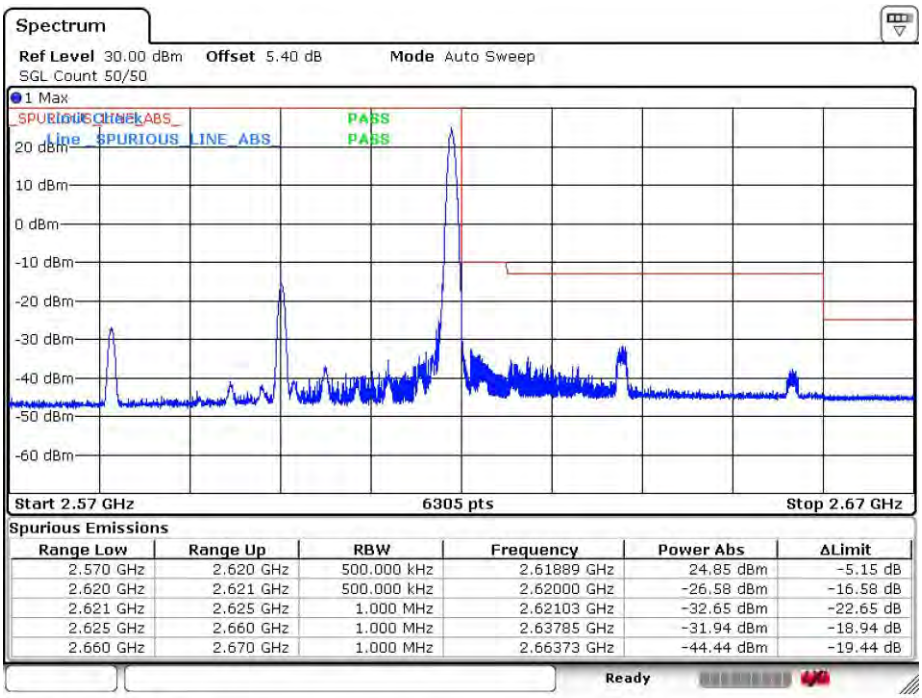
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.515 GHz	2.530 GHz	1.000 MHz	2.52773 GHz	-38.77 dBm	-13.77 dB
2.530 GHz	2.565 GHz	1.000 MHz	2.56268 GHz	-25.00 dBm	-12.00 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56859 GHz	-26.28 dBm	-16.28 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56907 GHz	-31.41 dBm	-21.41 dB
2.570 GHz	2.615 GHz	500.000 kHz	2.58596 GHz	8.04 dBm	-21.96 dB

Date: 3.JAN.2020 08:19:15

5.1.1.6.2 Test Channel = HCH

5.1.1.6.2.1 Test RB=1RB#99+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.61889 GHz	24.85 dBm	-5.15 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-26.58 dBm	-16.58 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62103 GHz	-32.65 dBm	-22.65 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.63785 GHz	-31.94 dBm	-18.94 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66373 GHz	-44.44 dBm	-19.44 dB

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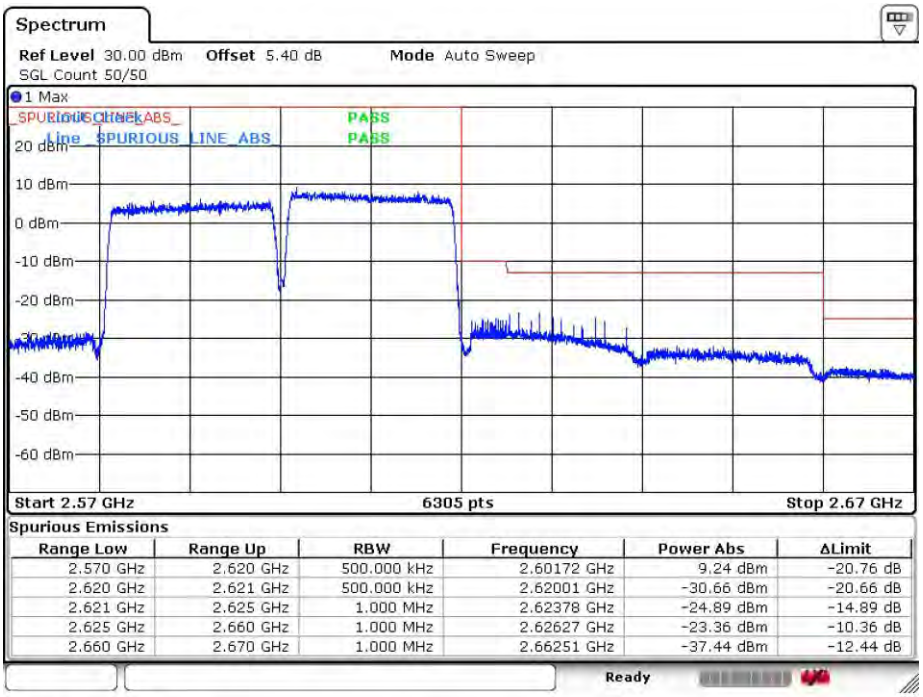
5.1.1.6.2.2 Test RB=100RB#0+100RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.570 GHz	2.620 GHz	500.000 kHz	2.60172 GHz	9.24 dBm	-20.76 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-30.66 dBm	-20.66 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62378 GHz	-24.89 dBm	-14.89 dB
2.625 GHz	2.660 GHz	1.000 MHz	2.62627 GHz	-23.36 dBm	-10.36 dB
2.660 GHz	2.670 GHz	1.000 MHz	2.66251 GHz	-37.44 dBm	-12.44 dB

Date: 3.JAN.2020 08:30:34

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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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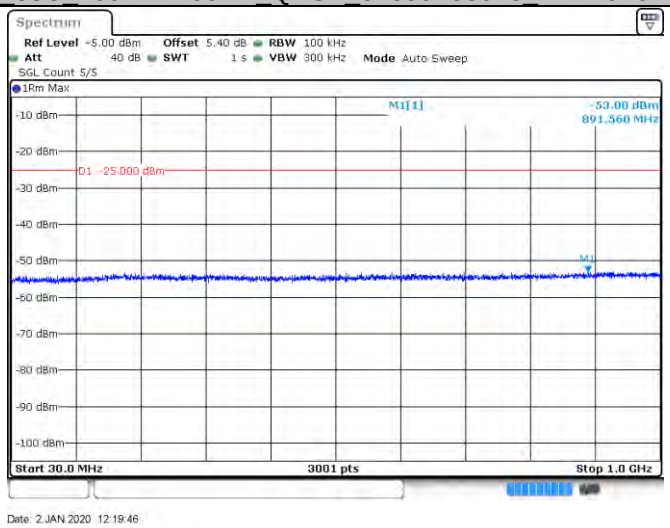

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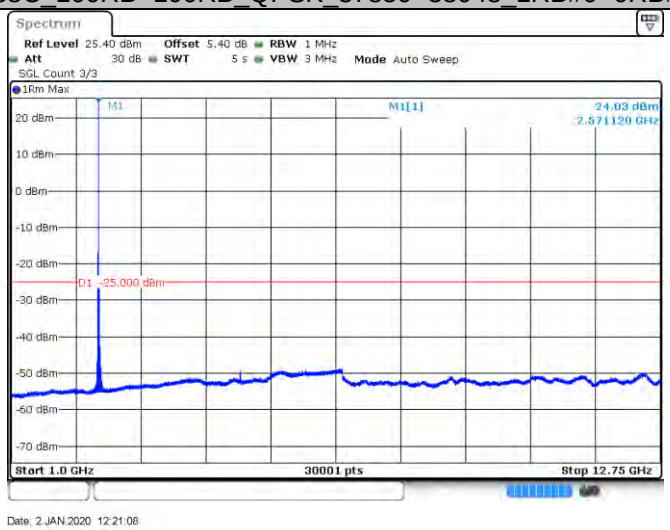

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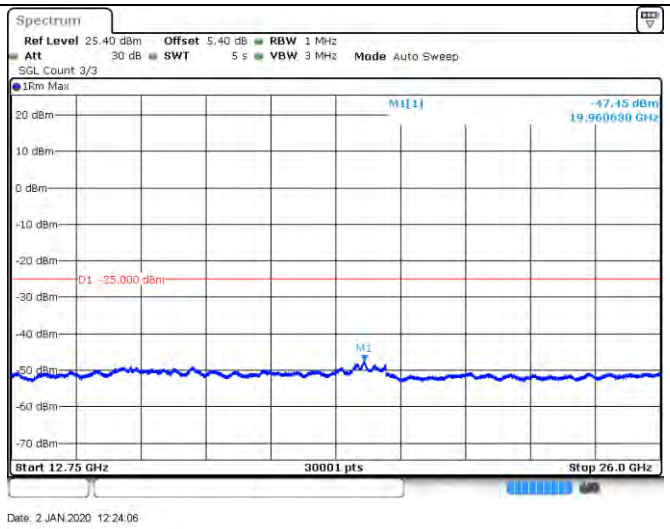

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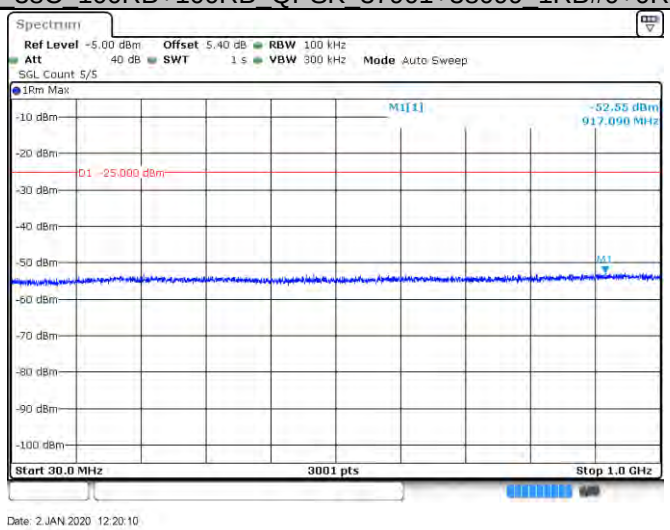

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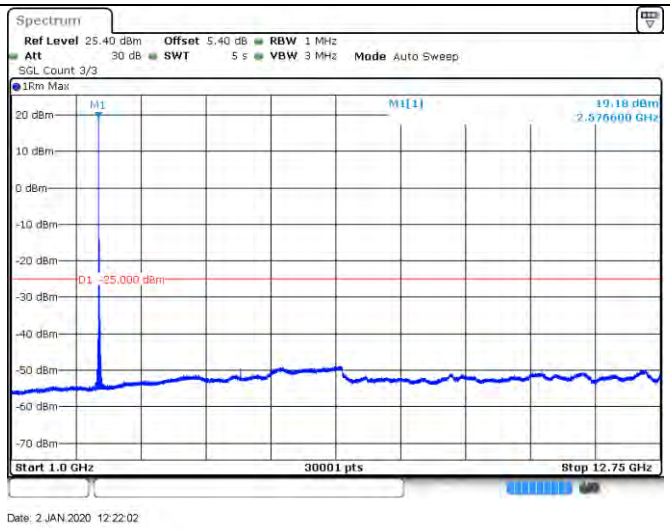

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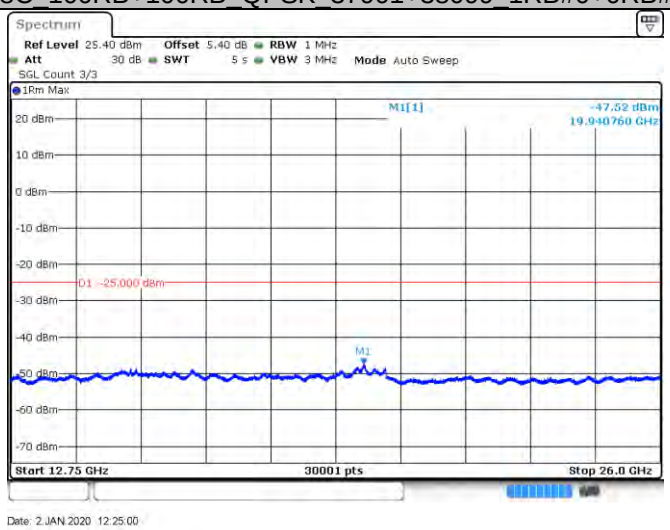

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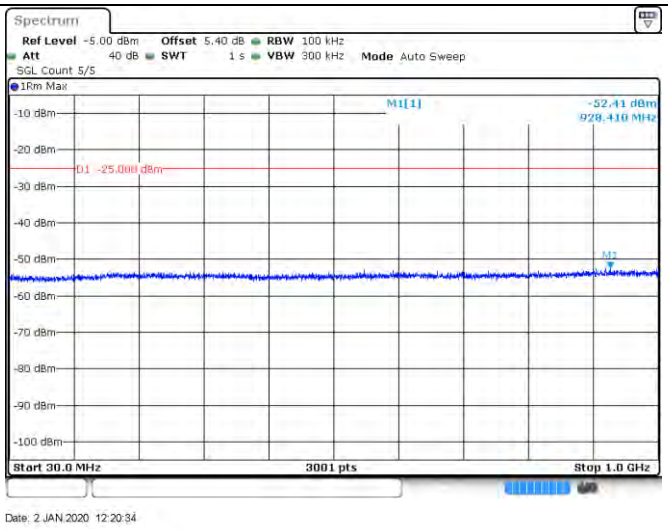

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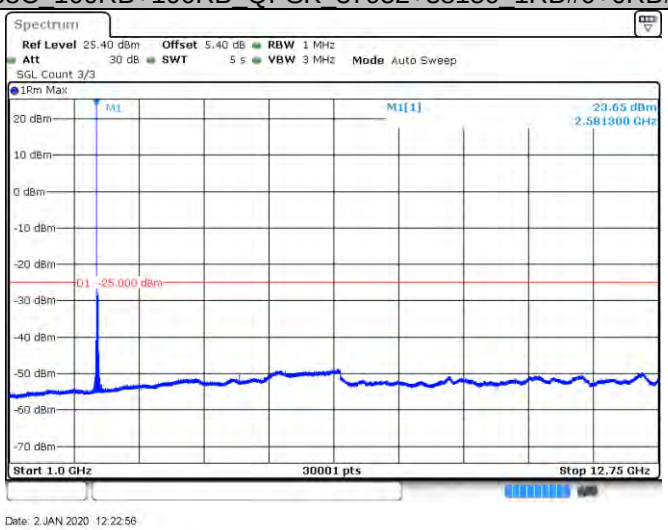

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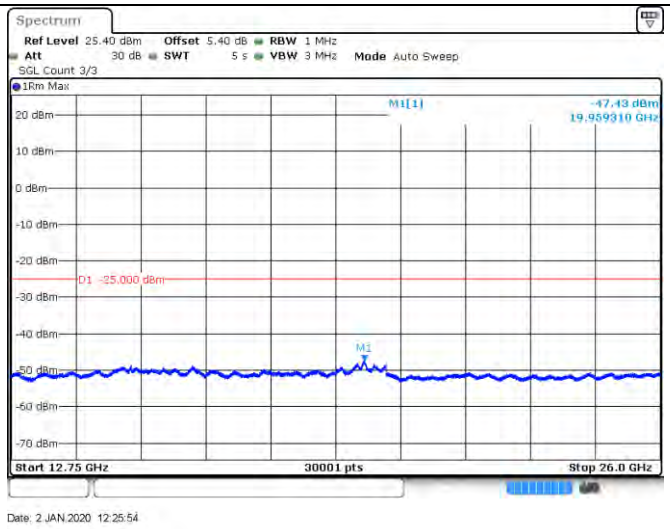

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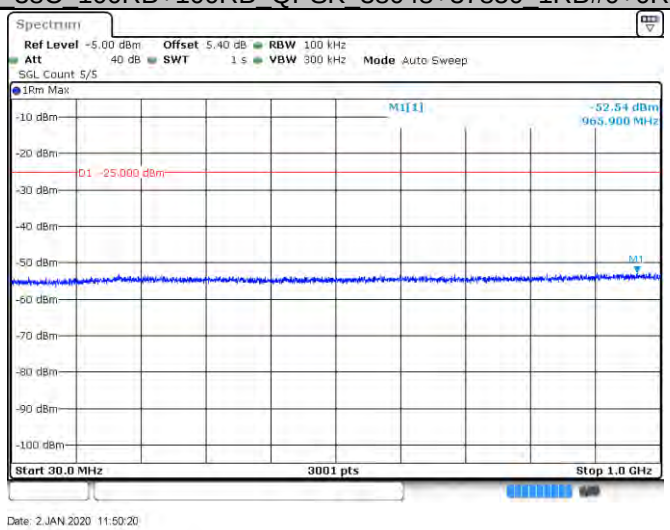

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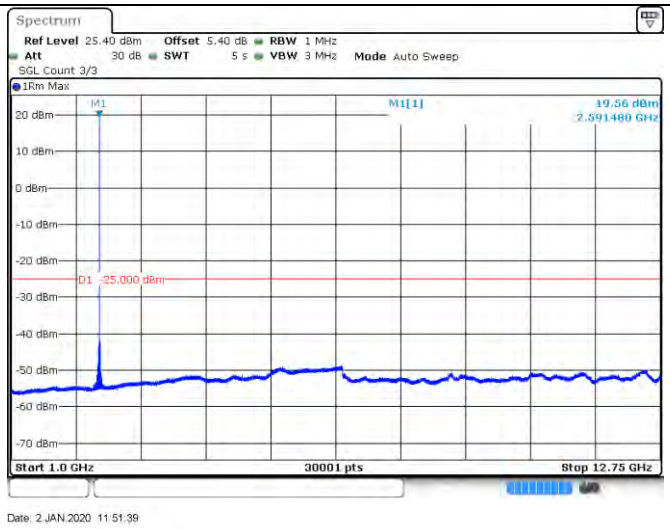

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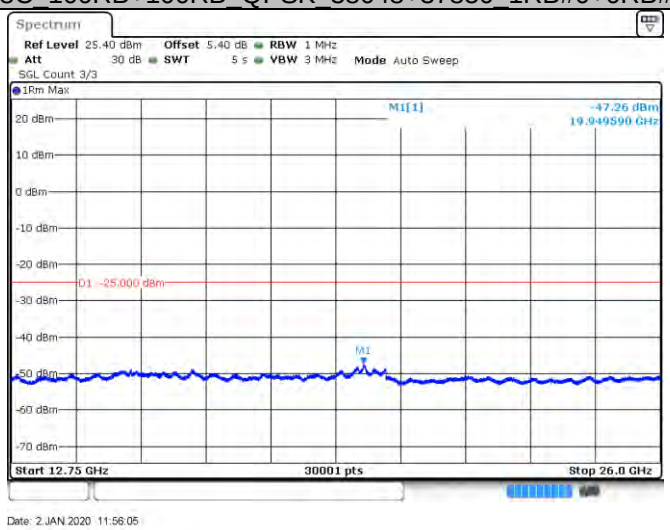

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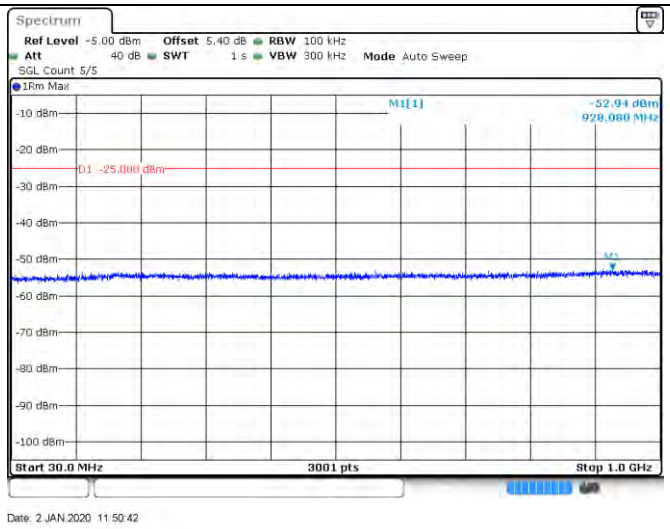

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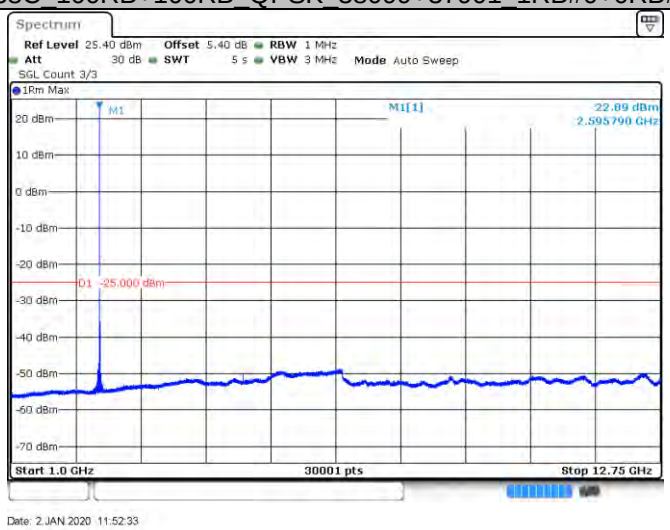

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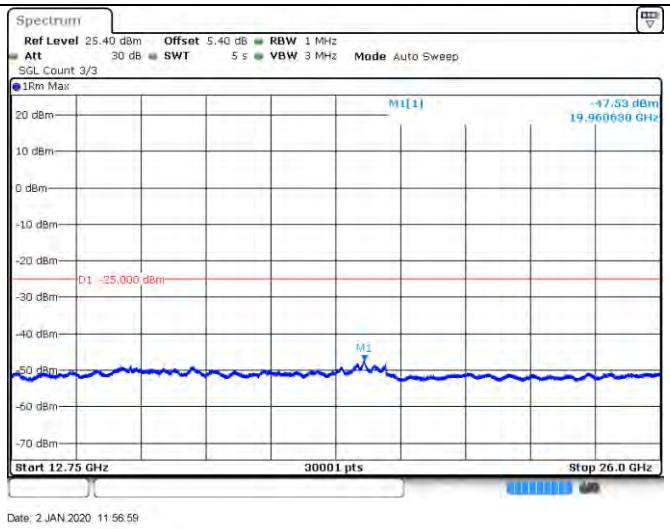

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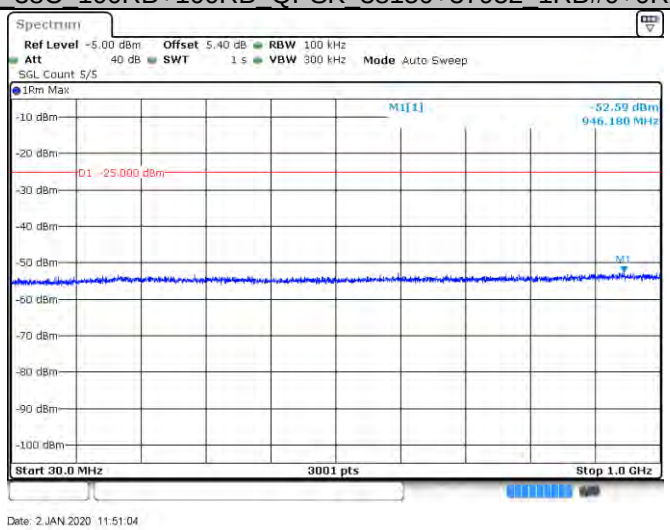

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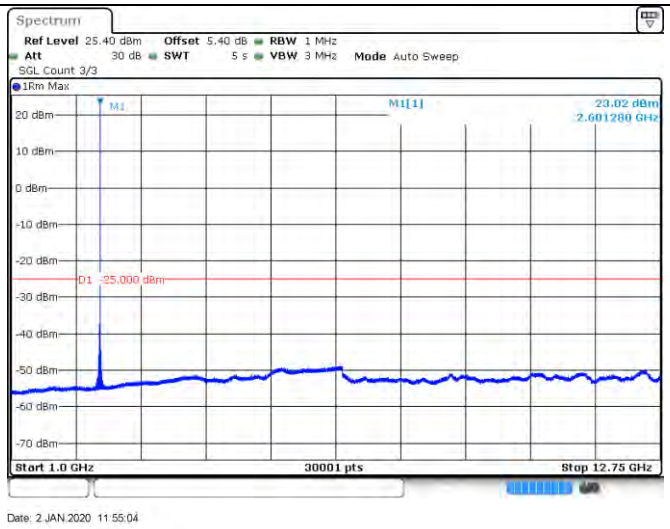

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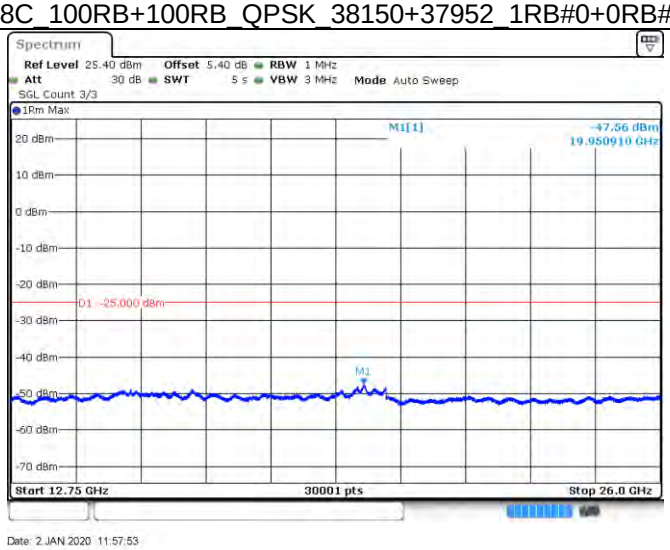

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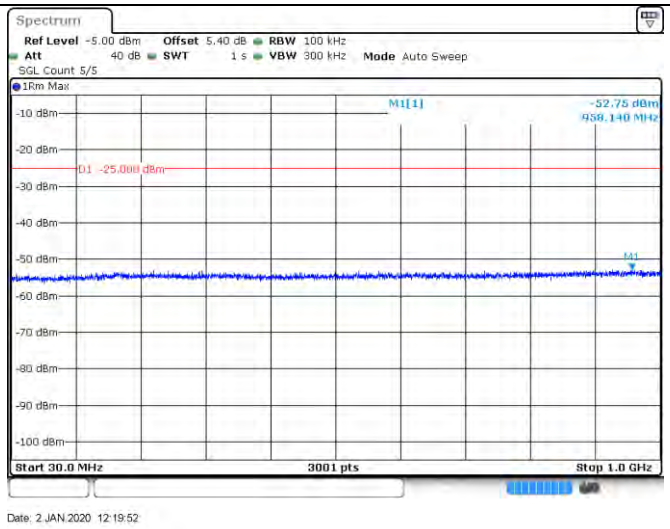

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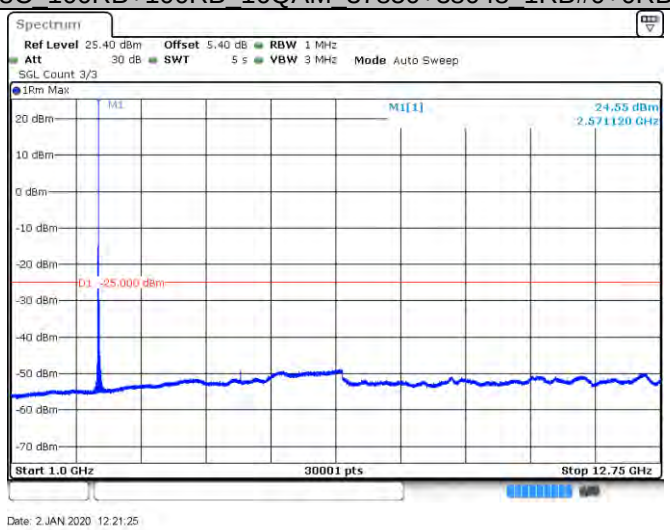

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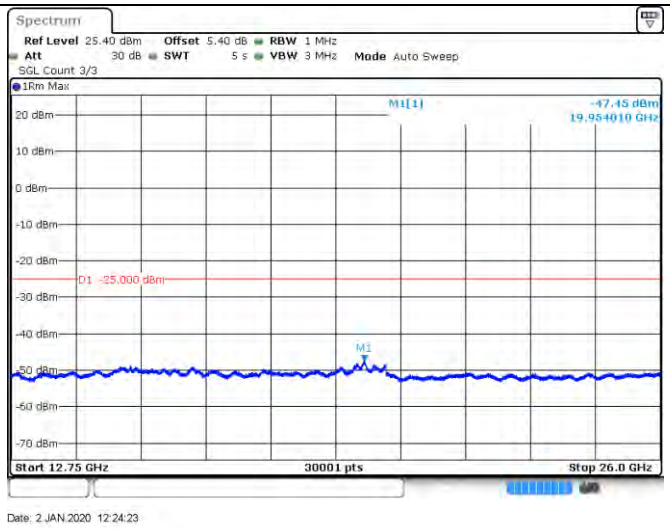

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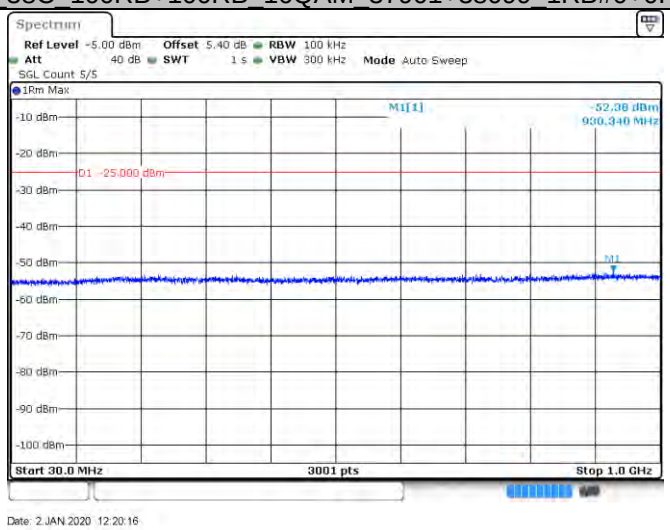

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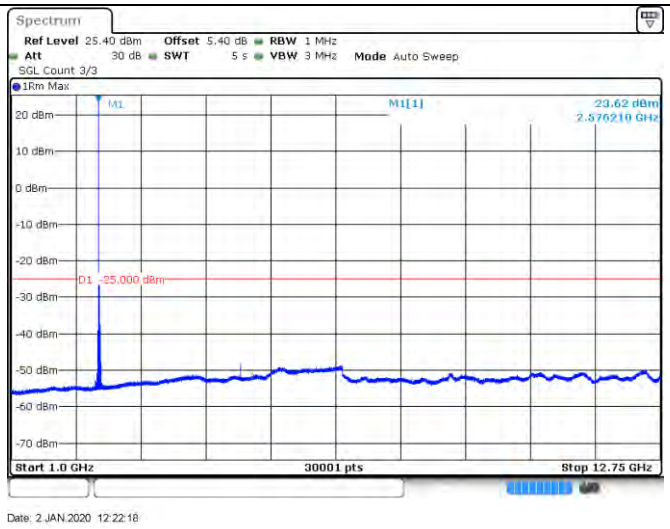

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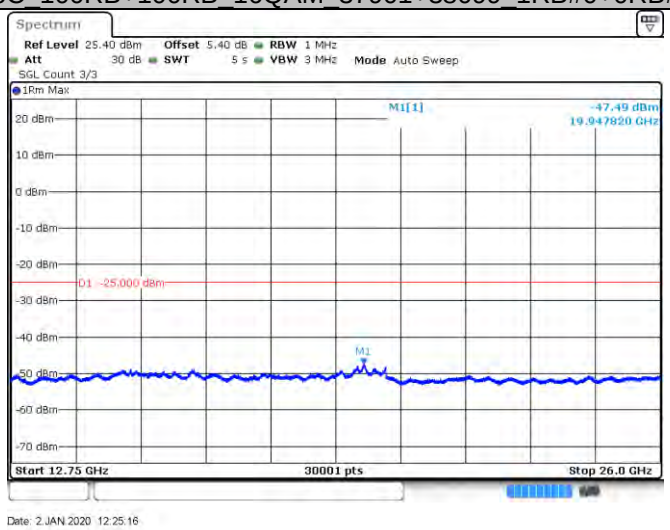

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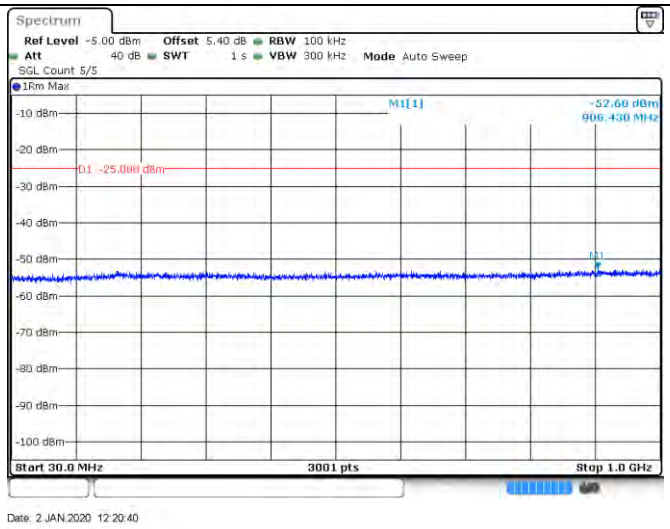

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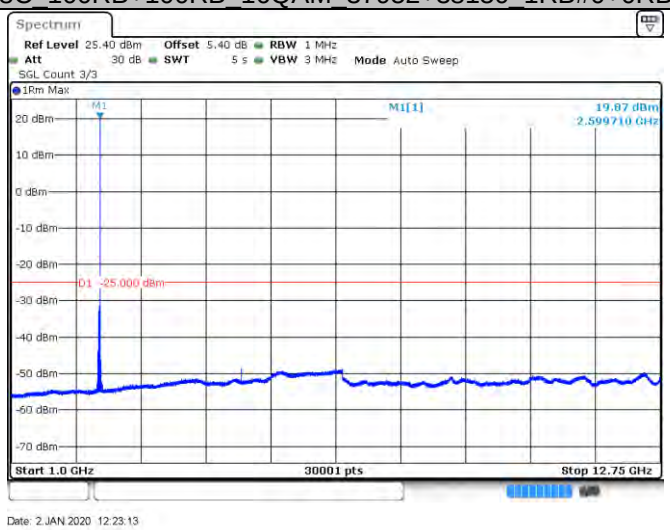

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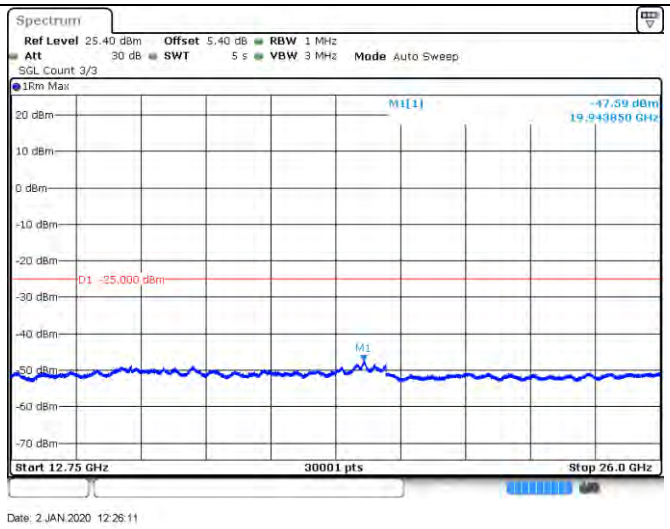

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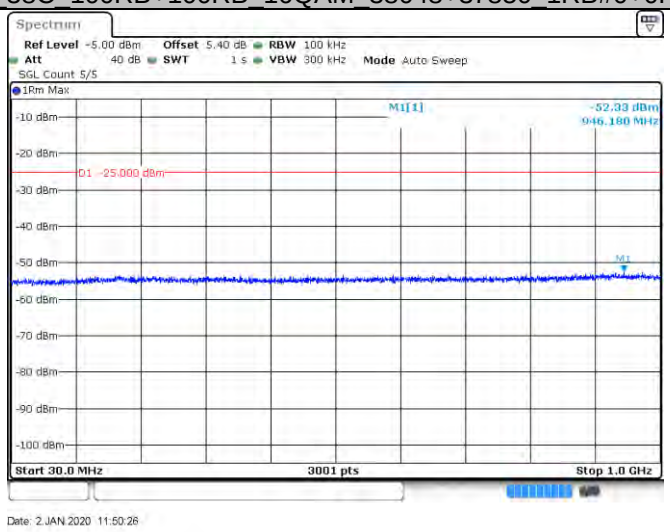

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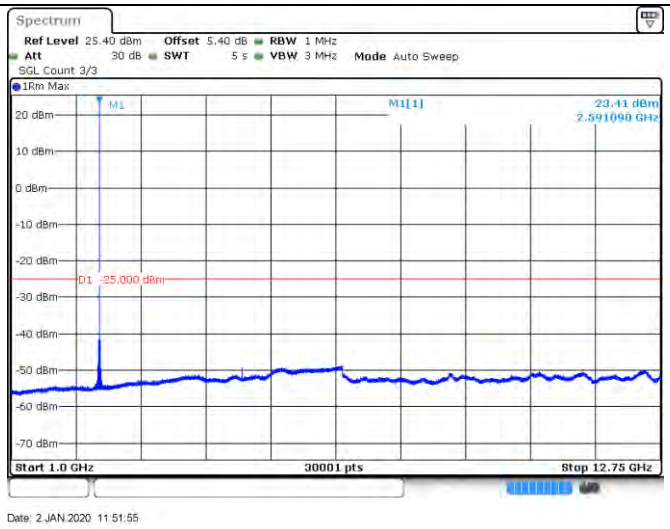

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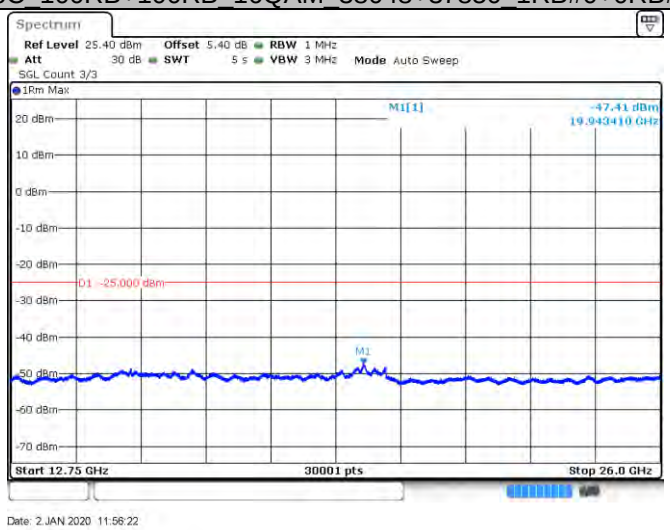

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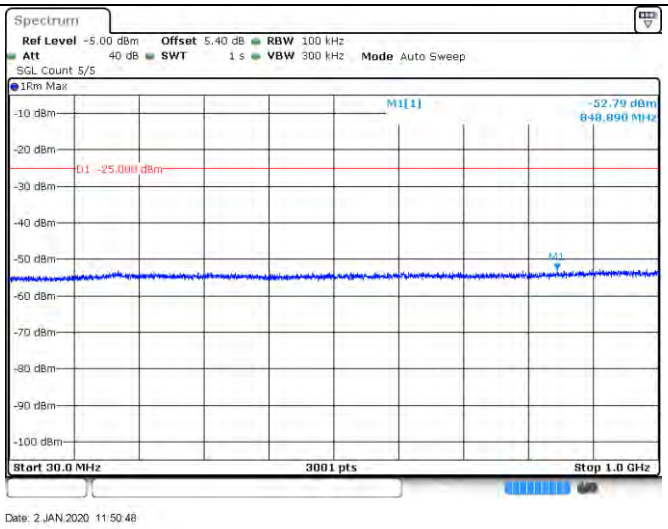

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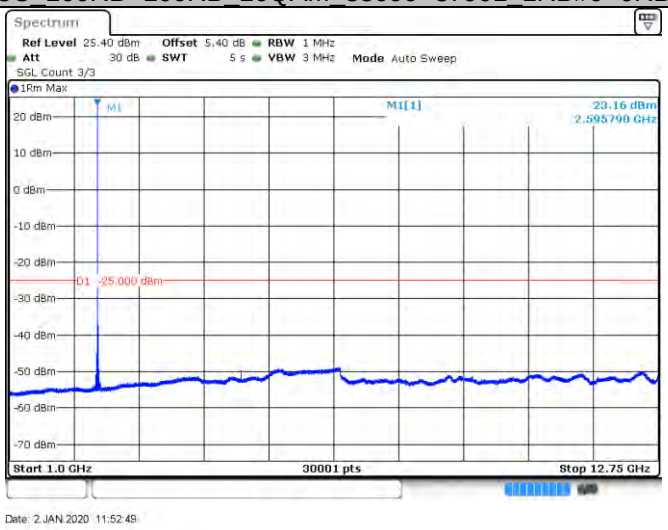

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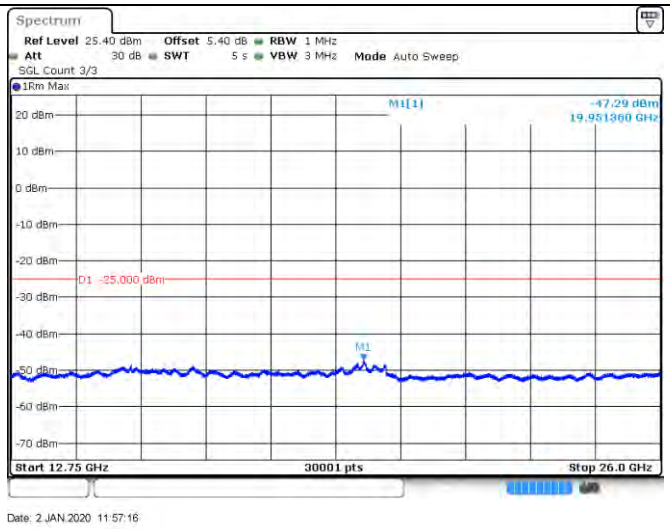

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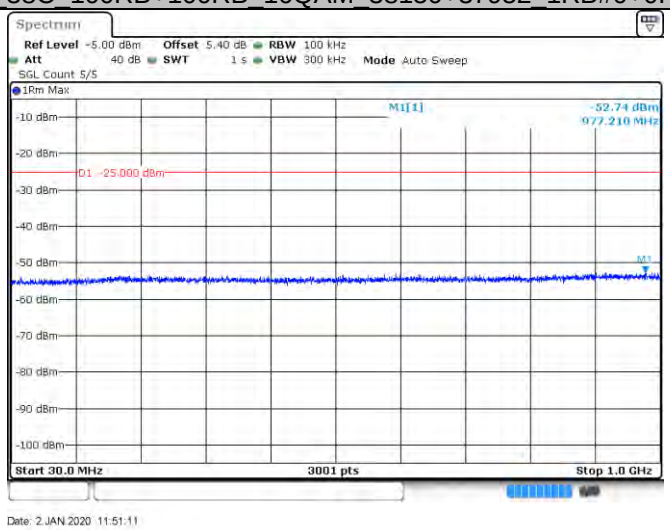

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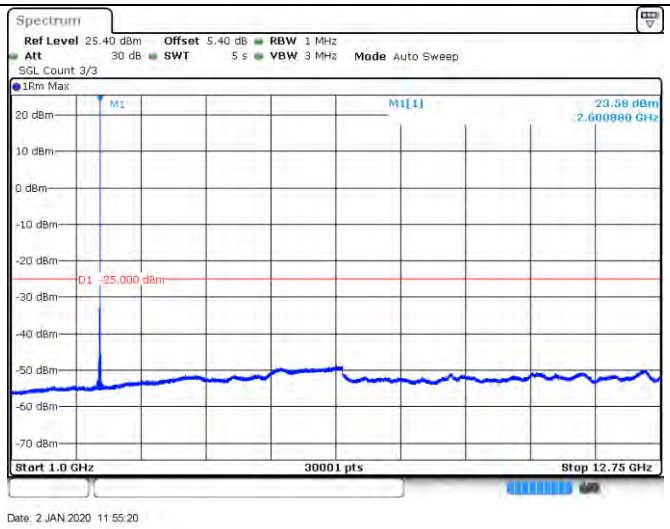

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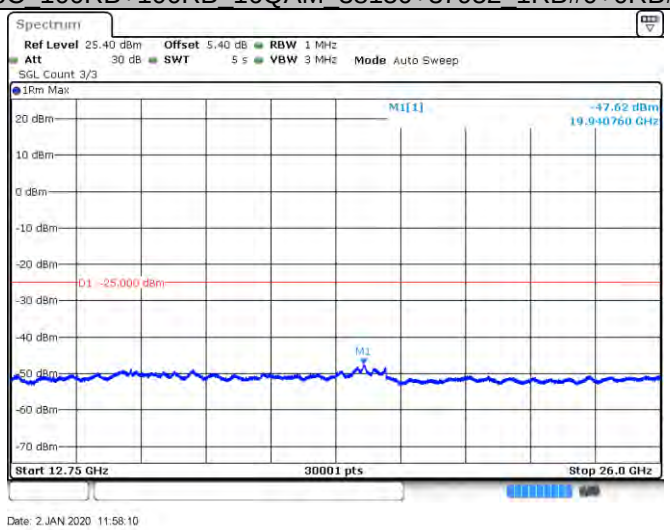

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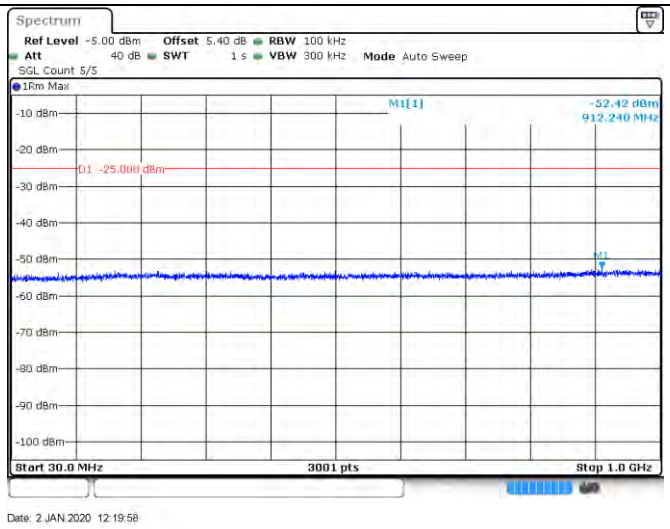

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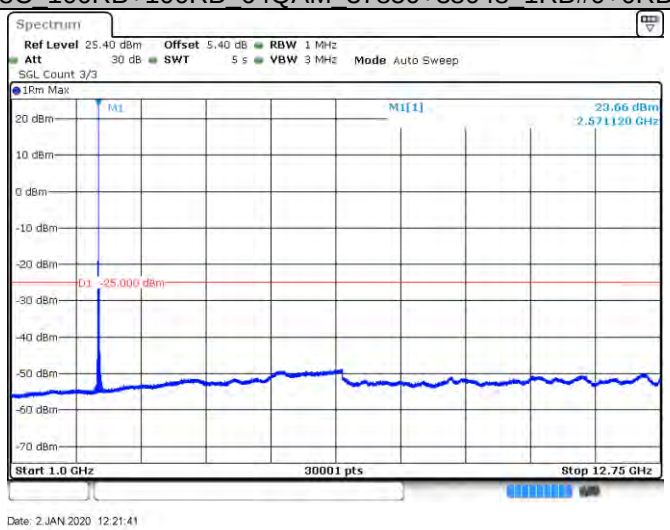

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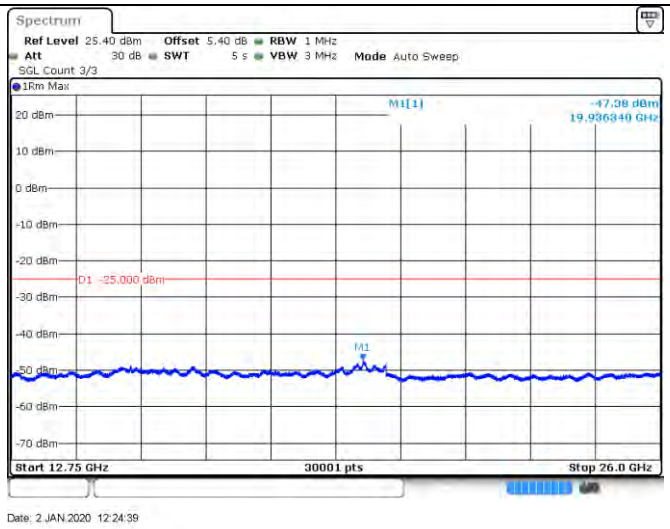

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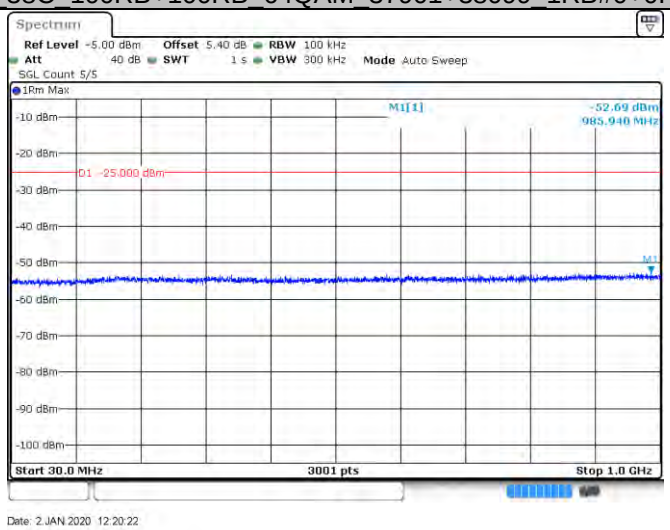

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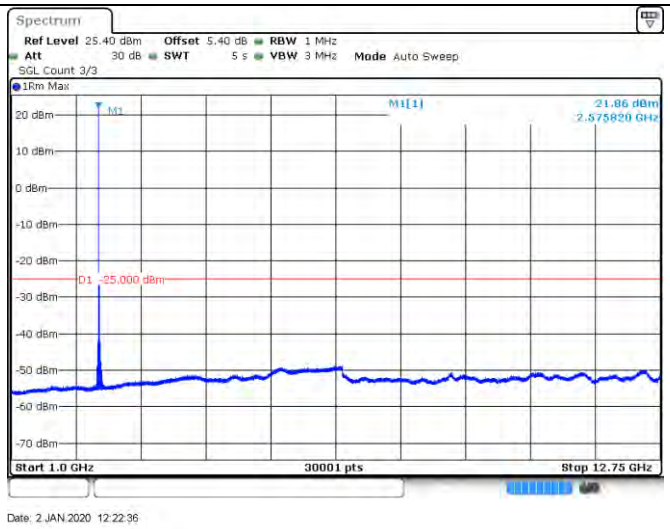

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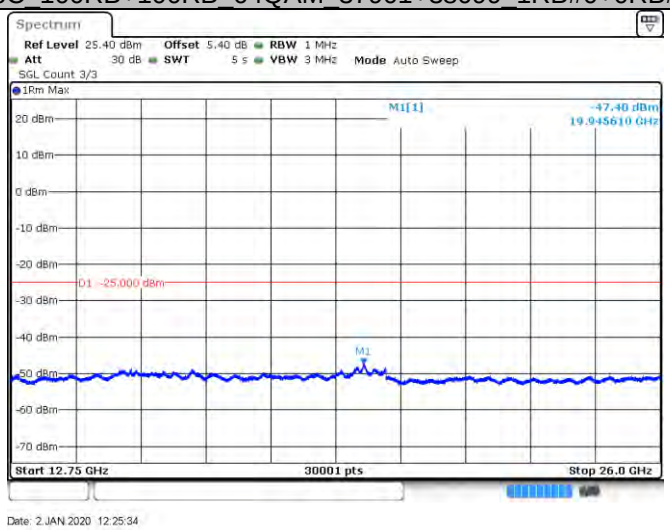

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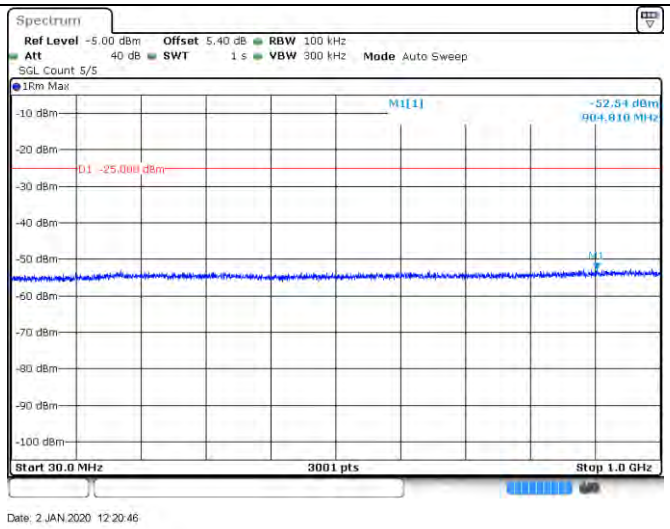

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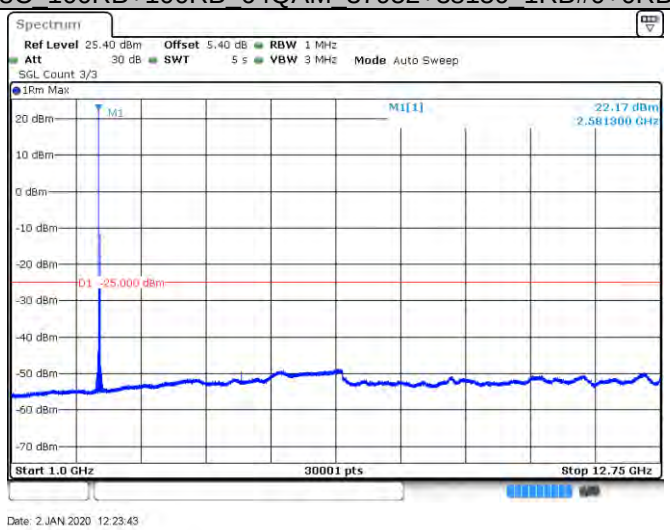

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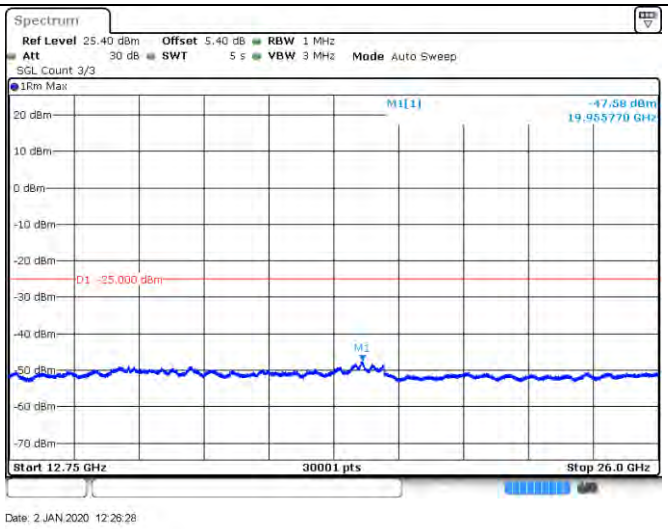

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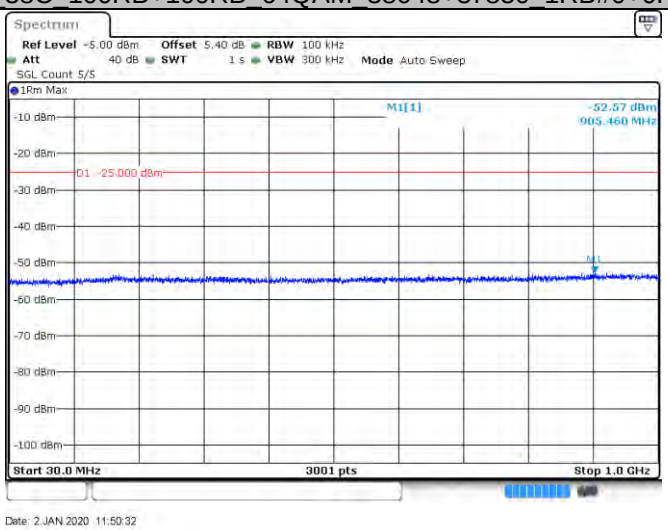

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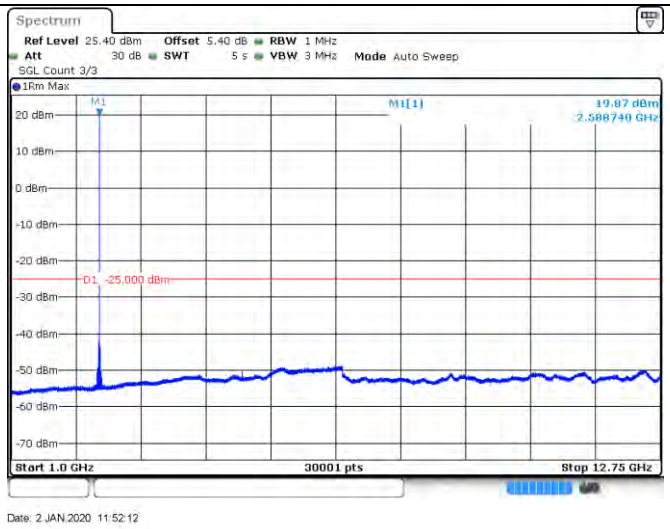

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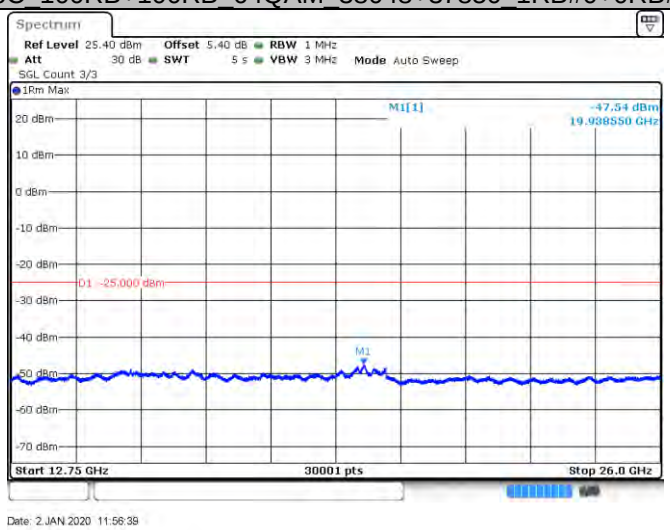

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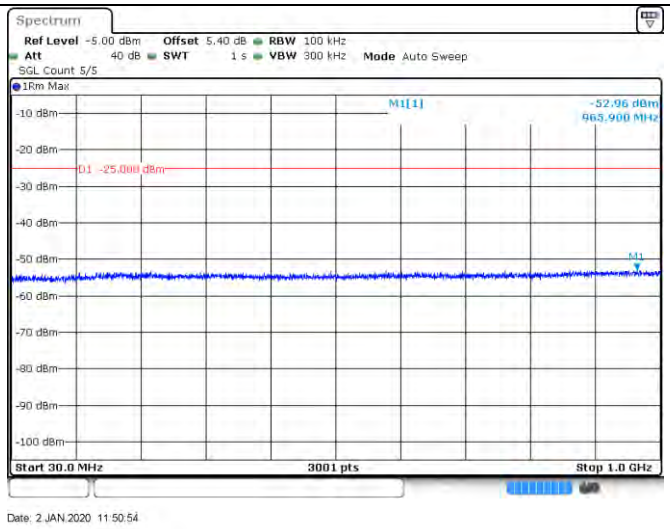

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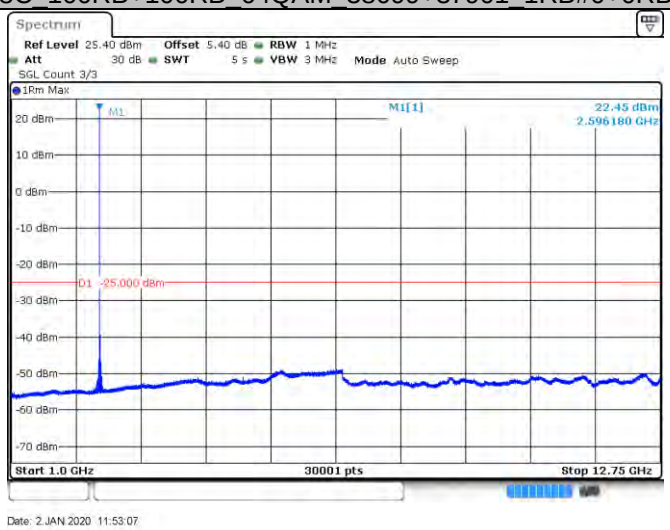

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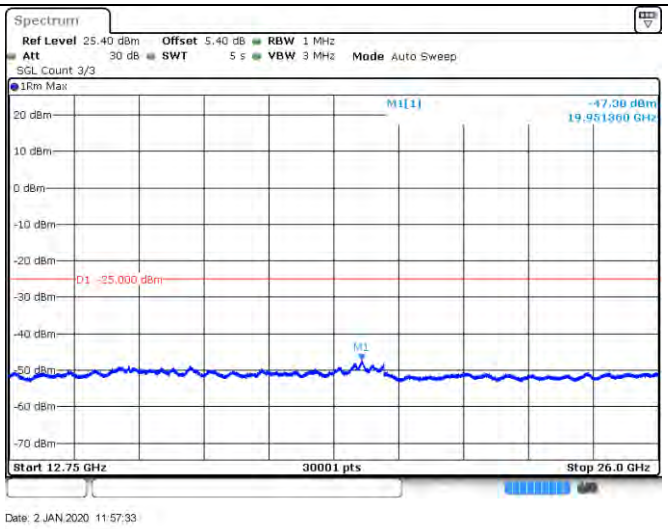

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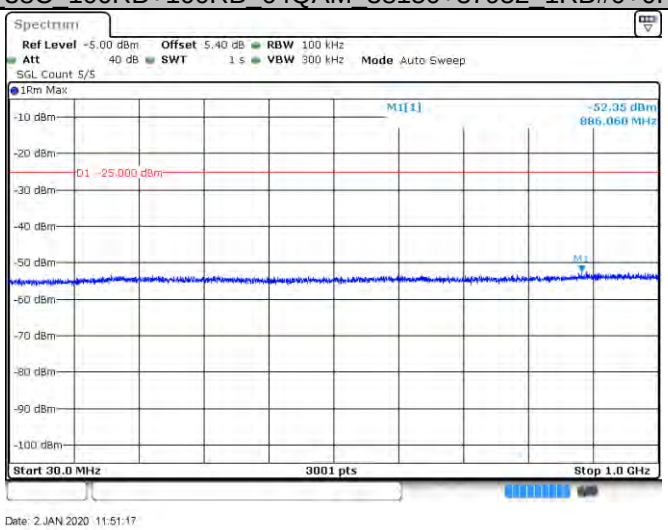

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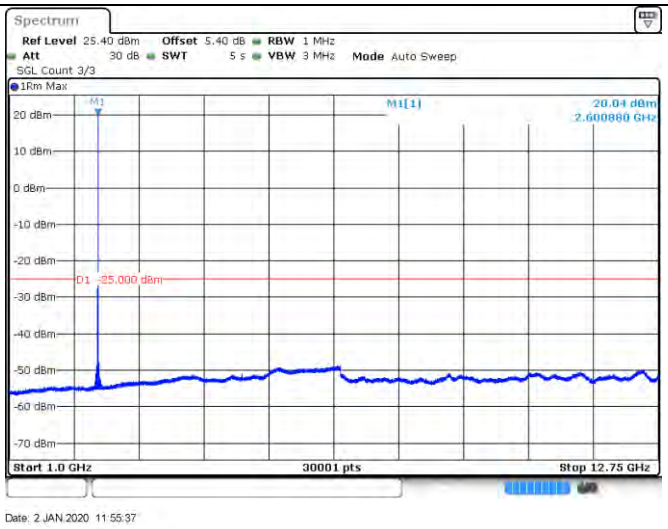

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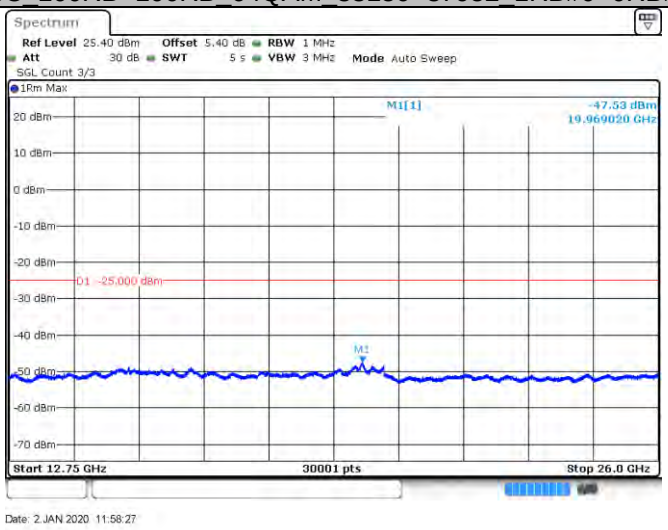

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7 Field Strength of Spurious Radiation

7.1 For LTE UL CA

7.1.1 Test Band = LTE Band CA_38C (Ant0)

7.1.1.1 Test Mode =LTE/QPSK

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
54.5659	-70.90	-25.00	45.90	243	185	Vertical
110.3286	-63.58	-25.00	38.58	265	33	Vertical
464.8031	-65.85	-25.00	40.85	198	72	Vertical
1790.6112	-43.65	-25.00	18.65	229	171	Vertical
7439.7221	-55.43	-25.00	30.43	280	141	Vertical
17990.0801	-39.94	-25.00	14.94	213	219	Vertical
45.3491	-62.23	-25.00	37.23	170	86	Horizontal
238.9362	-67.18	-25.00	42.18	166	86	Horizontal
658.3913	-62.51	-25.00	37.51	242	315	Horizontal
1800.6562	-42.93	-25.00	17.93	224	347	Horizontal
9323.3167	-51.67	-25.00	26.67	251	287	Horizontal
16371.7067	-43.49	-25.00	18.49	279	122	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
114.0204	-63.68	-25.00	38.68	244	132	Vertical
283.0042	-68.10	-25.00	43.10	215	75	Vertical
677.3860	-62.93	-25.00	37.93	278	180	Vertical
2088.3538	-41.49	-25.00	16.49	187	77	Vertical
8026.0960	-54.42	-25.00	29.42	201	197	Vertical
17991.7403	-39.40	-25.00	14.40	299	255	Vertical
44.6944	-63.89	-25.00	38.89	285	330	Horizontal
232.3444	-68.38	-25.00	43.38	223	328	Horizontal
870.3369	-59.86	-25.00	34.86	199	185	Horizontal
1786.3707	-43.40	-25.00	18.40	276	176	Horizontal
7441.5501	-55.48	-25.00	30.48	281	273	Horizontal
16392.7788	-43.52	-25.00	18.52	269	237	Horizontal

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7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.4773	-68.63	-25.00	43.63	273	265	Vertical
108.1518	-64.17	-25.00	39.17	174	243	Vertical
393.8207	-66.82	-25.00	41.82	188	304	Vertical
1788.8525	-43.46	-25.00	18.46	178	256	Vertical
7955.7115	-55.46	-25.00	30.46	155	177	Vertical
17997.8789	-39.44	-25.00	14.44	198	187	Vertical
47.0633	-65.17	-25.00	40.17	199	154	Horizontal
234.9408	-67.67	-25.00	42.67	161	30	Horizontal
639.7400	-62.78	-25.00	37.78	275	169	Horizontal
1803.9845	-42.97	-25.00	17.97	268	263	Horizontal
9339.9307	-52.02	-25.00	27.02	268	187	Horizontal
16392.9931	-43.40	-25.00	18.40	291	157	Horizontal

7.1.2 Test Band = LTE Band CA_38C (Ant2)

7.1.2.1 Test Mode =LTE/QPSK

7.1.2.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
54.5904	-70.60	-25.00	45.60	290	113	Vertical
110.4612	-63.30	-25.00	38.30	176	255	Vertical
464.7989	-65.61	-25.00	40.61	269	77	Vertical
1790.5547	-43.67	-25.00	18.67	216	102	Vertical
7440.1875	-55.23	-25.00	30.23	247	172	Vertical
17990.4081	-40.08	-25.00	15.08	285	59	Vertical
45.7414	-62.12	-25.00	37.12	250	247	Horizontal
239.5071	-67.04	-25.00	42.04	209	72	Horizontal
659.1094	-62.14	-25.00	37.14	156	225	Horizontal
1801.0190	-42.51	-25.00	17.51	181	237	Horizontal
9323.6591	-51.18	-25.00	26.18	172	349	Horizontal
16371.7617	-43.10	-25.00	18.10	266	49	Horizontal

7.1.2.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
114.5874	-63.45	-25.00	38.45	262	116	Vertical
283.1954	-68.43	-25.00	43.43	287	324	Vertical
677.5008	-62.64	-25.00	37.64	195	281	Vertical
2088.7310	-41.15	-25.00	16.15	204	191	Vertical
8026.3303	-54.17	-25.00	29.17	218	321	Vertical
17991.9132	-39.27	-25.00	14.27	256	117	Vertical
44.8614	-63.43	-25.00	38.43	204	201	Horizontal
232.7351	-67.55	-25.00	42.55	231	158	Horizontal
870.6141	-59.42	-25.00	34.42	209	146	Horizontal
1786.9273	-43.02	-25.00	18.02	183	12	Horizontal
7441.6175	-55.35	-25.00	30.35	266	269	Horizontal

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16392.6654	-43.11	-25.00	18.11	168	256	Horizontal

7.1.2.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.8855	-68.44	-25.00	43.44	221	50	Vertical
108.6289	-64.16	-25.00	39.16	161	64	Vertical
394.4028	-65.99	-25.00	40.99	178	186	Vertical
1788.8757	-43.29	-25.00	18.29	285	197	Vertical
7956.0511	-55.22	-25.00	30.22	211	73	Vertical
17998.1054	-39.34	-25.00	14.34	241	225	Vertical
47.1665	-65.11	-25.00	40.11	274	87	Horizontal
235.1035	-67.14	-25.00	42.14	223	15	Horizontal
640.0460	-62.11	-25.00	37.11	207	169	Horizontal
1803.8821	-42.77	-25.00	17.77	255	11	Horizontal
9340.0969	-51.96	-25.00	26.96	295	146	Horizontal
16393.3044	-42.95	-25.00	17.95	186	97	Horizontal

7.1.3 Test Band = LTE Band CA_38C (Ant3)

7.1.3.1 Test Mode =LTE/QPSK

7.1.3.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
113.6417	-64.49	-25.00	39.49	252	193	Vertical
619.7068	-62.72	-25.00	37.72	201	302	Vertical
2707.5068	-36.83	-25.00	11.83	281	270	Vertical
7362.2812	-55.71	-25.00	30.71	150	203	Vertical
14451.6867	-47.46	-25.00	22.46	218	329	Vertical
17986.0082	-39.90	-25.00	14.90	226	303	Vertical
45.2145	-63.60	-25.00	38.60	244	238	Horizontal
237.6951	-67.84	-25.00	42.84	165	14	Horizontal
771.7237	-61.27	-25.00	36.27	259	269	Horizontal
2941.8498	-37.55	-25.00	12.55	273	154	Horizontal
7469.5846	-56.77	-25.00	31.77	158	185	Horizontal
16387.4212	-43.80	-25.00	18.80	282	185	Horizontal

7.1.3.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
112.3707	-64.36	-25.00	39.36	157	139	Vertical
738.9789	-60.76	-25.00	35.76	273	83	Vertical
2990.5689	-37.59	-25.00	12.59	198	229	Vertical
7361.2729	-55.59	-25.00	30.59	258	266	Vertical
14724.4733	-47.85	-25.00	22.85	177	157	Vertical
17999.4528	-39.66	-25.00	14.66	282	206	Vertical
41.1801	-63.90	-25.00	38.90	213	233	Horizontal
236.9166	-67.41	-25.00	42.41	191	62	Horizontal

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810.8578	-61.31	-25.00	36.31	208	156	Horizontal
2985.3685	-38.20	-25.00	13.20	185	76	Horizontal
7473.5549	-56.22	-25.00	31.22	236	125	Horizontal
16401.2980	-43.89	-25.00	18.89	244	274	Horizontal

7.1.3.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
49.4245	-72.39	-25.00	47.39	291	348	Vertical
111.4690	-64.46	-25.00	39.46	300	265	Vertical
552.2748	-65.73	-25.00	40.73	233	100	Vertical
1780.5805	-43.80	-25.00	18.80	167	49	Vertical
8031.3518	-56.31	-25.00	31.31	223	318	Vertical
17996.3455	-40.32	-25.00	15.32	248	2	Vertical
46.8776	-62.21	-25.00	37.21	262	76	Horizontal
233.9074	-67.55	-25.00	42.55	230	24	Horizontal
539.3576	-63.88	-25.00	38.88	214	271	Horizontal
1797.7419	-43.16	-25.00	18.16	223	268	Horizontal
7494.3221	-56.57	-25.00	31.57	218	347	Horizontal
16394.4431	-43.81	-25.00	18.81	237	37	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 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	NV	11.06	0.004286	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	TN	NV	-2.18	-0.000845	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	TN	NV	-11.58	-0.004470	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	TN	NV	-15.89	-0.006111	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	TN	NV	-13.50	-0.005181	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	TN	NV	-9.92	-0.003802	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	TN	NV	-2.36	-0.000916	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	TN	NV	5.25	0.002029	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	TN	NV	-4.86	-0.001875	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	TN	NV	-6.68	-0.002568	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	TN	NV	8.57	0.003290	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	TN	NV	0.53	0.000201	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	TN	NV	1.24	0.000482	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	TN	NV	-11.32	-0.004378	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	TN	NV	-12.68	-0.004894	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	TN	NV	-5.80	-0.002230	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	TN	NV	-8.42	-0.003232	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	TN	NV	12.71	0.004869	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	13.44	0.005208	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-20	14.23	0.005514	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	-10	-5.94	-0.002302	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	0	9.80	0.003798	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	10	10.96	0.004247	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	20	5.78	0.002239	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	30	6.03	0.002337	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	40	-4.46	-0.001728	PASS
CA_38C	QPSK	37850+38048	100RB#0/100RB#0	NV	50	-8.02	-0.003107	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-30	-11.12	-0.004302	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-20	6.05	0.002342	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	-10	2.34	0.000904	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	0	-0.89	-0.000344	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	10	14.45	0.005591	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	20	9.68	0.003746	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	30	-3.04	-0.001176	PASS

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CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	40	-4.08	-0.001577	PASS
CA_38C	QPSK	37901+38099	100RB#0/100RB#0	NV	50	1.50	0.000581	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-30	-0.15	-0.000057	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-20	9.74	0.003760	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	-10	-9.59	-0.003701	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	0	8.54	0.003297	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	10	-12.31	-0.004754	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	20	-5.99	-0.002314	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	30	-7.25	-0.002799	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	40	8.26	0.003188	PASS
CA_38C	QPSK	37952+38150	100RB#0/100RB#0	NV	50	-0.72	-0.000278	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	-30	-11.16	-0.004292	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	-20	-6.43	-0.002472	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	-10	1.27	0.000490	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	0	4.64	0.001785	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	10	6.91	0.002659	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	20	7.30	0.002808	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	30	4.63	0.001780	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	40	15.17	0.005836	PASS
CA_38C	QPSK	38048+37850	100RB#0/100RB#0	NV	50	-1.11	-0.000426	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	-30	12.75	0.004893	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	-20	-1.31	-0.000501	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	-10	13.34	0.005121	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	0	9.67	0.003711	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	10	-11.28	-0.004332	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	20	-9.22	-0.003539	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	30	15.16	0.005821	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	40	7.06	0.002709	PASS
CA_38C	QPSK	38099+37901	100RB#0/100RB#0	NV	50	-0.46	-0.000176	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	-30	13.47	0.005162	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	-20	7.01	0.002688	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	-10	-11.62	-0.004451	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	0	-4.06	-0.001557	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	10	2.58	0.000987	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	20	-11.06	-0.004238	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	30	-10.25	-0.003927	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	40	10.59	0.004059	PASS
CA_38C	QPSK	38150+37952	100RB#0/100RB#0	NV	50	-10.74	-0.004117	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-30	-14.01	-0.005431	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-20	-8.70	-0.003372	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	-10	-12.28	-0.004761	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	0	0.39	0.000152	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	10	-12.62	-0.004893	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	20	12.61	0.004889	PASS

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CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	30	6.81	0.002641	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	40	15.68	0.006079	PASS
CA_38C	16QAM	37850+38048	100RB#0/100RB#0	NV	50	7.77	0.003010	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-30	8.23	0.003185	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-20	7.44	0.002878	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	-10	-2.34	-0.000904	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	0	14.73	0.005697	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	10	11.74	0.004541	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	20	-11.97	-0.004630	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	30	14.29	0.005527	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	40	-12.29	-0.004756	PASS
CA_38C	16QAM	37901+38099	100RB#0/100RB#0	NV	50	13.92	0.005387	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-30	7.96	0.003072	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-20	-8.13	-0.003140	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	-10	-12.05	-0.004652	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	0	5.69	0.002198	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	10	-0.01	-0.000004	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	20	1.61	0.000623	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	30	10.70	0.004131	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	40	0.57	0.000218	PASS
CA_38C	16QAM	37952+38150	100RB#0/100RB#0	NV	50	-13.04	-0.005034	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	-30	-0.95	-0.000366	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	-20	1.75	0.000674	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	-10	-9.95	-0.003828	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	0	8.73	0.003359	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	10	-5.91	-0.002272	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	20	-1.08	-0.000417	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	30	6.78	0.002607	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	40	4.03	0.001549	PASS
CA_38C	16QAM	38048+37850	100RB#0/100RB#0	NV	50	4.42	0.001701	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	-30	13.82	0.005304	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	-20	15.48	0.005942	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	-10	10.54	0.004045	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	0	4.86	0.001867	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	10	-9.51	-0.003652	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	20	3.27	0.001254	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	30	-13.03	-0.005000	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	40	-12.46	-0.004785	PASS
CA_38C	16QAM	38099+37901	100RB#0/100RB#0	NV	50	-0.52	-0.000199	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	-30	13.51	0.005177	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	-20	-0.57	-0.000217	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	-10	-3.78	-0.001446	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	0	3.64	0.001396	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	10	-9.18	-0.003518	PASS

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CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	20	5.31	0.002036	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	30	-2.53	-0.000968	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	40	-1.09	-0.000416	PASS
CA_38C	16QAM	38150+37952	100RB#0/100RB#0	NV	50	-2.12	-0.000811	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-30	8.50	0.003296	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-20	-0.18	-0.000069	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	-10	0.98	0.000381	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	0	-8.64	-0.003348	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	10	3.91	0.001516	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	20	-14.60	-0.005658	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	30	-7.66	-0.002967	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	40	10.11	0.003917	PASS
CA_38C	64QAM	37850+38048	100RB#0/100RB#0	NV	50	12.31	0.004770	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-30	-9.09	-0.003518	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-20	3.35	0.001296	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	-10	-10.97	-0.004244	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	0	-1.67	-0.000645	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	10	6.73	0.002604	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	20	-11.95	-0.004621	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	30	13.63	0.005271	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	40	0.59	0.000229	PASS
CA_38C	64QAM	37901+38099	100RB#0/100RB#0	NV	50	8.48	0.003279	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-30	7.04	0.002719	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-20	-4.67	-0.001801	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	-10	12.49	0.004822	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	0	-4.93	-0.001903	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	10	5.91	0.002281	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	20	-3.48	-0.001342	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	30	-2.51	-0.000969	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	40	-14.74	-0.005690	PASS
CA_38C	64QAM	37952+38150	100RB#0/100RB#0	NV	50	2.96	0.001143	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	-30	3.47	0.001334	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	-20	-9.80	-0.003769	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	-10	-2.57	-0.000987	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	0	2.56	0.000983	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	10	-13.57	-0.005218	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	20	2.46	0.000948	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	30	4.82	0.001856	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	40	3.66	0.001407	PASS
CA_38C	64QAM	38048+37850	100RB#0/100RB#0	NV	50	-11.27	-0.004335	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	-30	5.68	0.002180	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	-20	15.02	0.005765	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	-10	-5.80	-0.002228	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	0	-1.46	-0.000559	PASS

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CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	10	4.19	0.001609	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	20	-2.30	-0.000883	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	30	-3.93	-0.001507	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	40	9.51	0.003651	PASS
CA_38C	64QAM	38099+37901	100RB#0/100RB#0	NV	50	11.74	0.004506	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	-30	0.41	0.000157	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	-20	-15.72	-0.006021	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	-10	13.61	0.005213	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	0	-3.34	-0.001280	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	10	11.74	0.004496	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	20	11.58	0.004436	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	30	12.84	0.004921	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	40	-4.59	-0.001758	PASS
CA_38C	64QAM	38150+37952	100RB#0/100RB#0	NV	50	-2.88	-0.001105	PASS

The End

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