

Appendix for LTE B38 test report

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Results:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power[dBm]	EIRP[dBm]	Limit[dBm]	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.05	25.45	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.01	26.41	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.95	26.35	33	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.23	25.63	33	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.14	25.54	33	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.09	25.49	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.09	25.49	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.06	26.46	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.22	26.62	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.09	26.49	33	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.18	25.58	33	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.23	25.63	33	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.17	25.57	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.17	25.57	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.91	26.31	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.03	26.43	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.03	26.43	33	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.06	25.46	33	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.04	25.44	33	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.18	25.58	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.13	25.53	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	20.83	25.23	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.13	25.53	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.97	25.37	33	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.13	24.53	33	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.03	24.43	33	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.11	24.51	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.12	24.52	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.33	25.73	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.32	25.72	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.29	25.69	33	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.10	24.5	33	PASS

Total Quality. Assured.

Band38	5MHz	16QAM	38000	12RB#6	20.12	24.52	33	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.05	24.45	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.17	24.57	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.49	25.89	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.79	26.19	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.40	25.8	33	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.11	24.51	33	PASS
Band38	5MHz	16QAM	38225	12RB#6	19.98	24.38	33	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.22	24.62	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.30	24.7	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.90	26.3	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.91	26.31	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	21.95	26.35	33	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.16	25.56	33	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.05	25.45	33	PASS
Band38	10MHz	QPSK	37800	25RB#25	20.96	25.36	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.95	25.35	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.06	26.46	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.06	26.46	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.05	26.45	33	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.20	25.6	33	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.19	25.59	33	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.22	25.62	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.27	25.67	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.14	26.54	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.36	26.76	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.33	26.73	33	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.08	25.48	33	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.09	25.49	33	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.18	25.58	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.27	25.67	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	20.96	25.36	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	20.97	25.37	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.00	25.4	33	PASS
Band38	10MHz	16QAM	37800	25RB#0	19.90	24.3	33	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.05	24.45	33	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.09	24.49	33	PASS

Total Quality. Assured.

Band38	10MHz	16QAM	37800	50RB#0	19.94	24.34	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.00	25.4	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.63	26.03	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.60	26	33	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.34	24.74	33	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.32	24.72	33	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.47	24.87	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.21	24.61	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.52	25.92	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.73	26.13	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.62	26.02	33	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.27	24.67	33	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.13	24.53	33	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.36	24.76	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.21	24.61	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.92	26.32	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.92	26.32	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.85	26.25	33	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.20	25.6	33	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.20	25.6	33	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.21	25.61	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.22	25.62	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.76	26.16	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.95	26.35	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.80	26.2	33	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.21	25.61	33	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.17	25.57	33	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.14	25.54	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.24	25.64	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.00	26.4	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.11	26.51	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.21	26.61	33	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.14	25.54	33	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.12	25.52	33	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.11	25.51	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.22	25.62	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	20.86	25.26	33	PASS

Total Quality. Assured.

Band38	15MHz	16QAM	37825	1RB#38	20.97	25.37	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	20.71	25.11	33	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.20	25.6	33	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.20	25.6	33	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.22	25.62	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.22	24.62	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.10	25.5	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.25	25.65	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.19	25.59	33	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.19	25.59	33	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.15	25.55	33	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.12	25.52	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.28	24.68	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.47	25.87	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.47	25.87	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.08	25.48	33	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.13	25.53	33	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.12	25.52	33	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.23	25.63	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.27	24.67	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.83	26.23	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.47	26.87	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.21	26.61	33	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.17	25.57	33	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.18	25.58	33	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.32	25.72	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.30	25.7	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.18	26.58	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.48	26.88	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.06	26.46	33	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.33	25.73	33	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.27	25.67	33	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.21	25.61	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.18	25.58	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.94	26.34	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.94	26.34	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.91	26.31	33	PASS

Total Quality. Assured.

Band38	20MHz	QPSK	38150	50RB#0	21.07	25.47	33	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.09	25.49	33	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.03	25.43	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.04	25.44	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.51	25.91	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.10	26.5	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.71	26.11	33	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.20	24.6	33	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.20	24.6	33	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.44	24.84	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.30	24.7	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.88	26.28	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.18	26.58	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.80	26.2	33	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.19	24.59	33	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.23	24.63	33	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.15	24.55	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.31	24.71	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	20.86	25.26	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.03	25.43	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	20.78	25.18	33	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.16	24.56	33	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.17	24.57	33	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.11	24.51	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.08	24.48	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

c, Antenna gain of LTE Band 38 is 4.40dBi.

Note2: SET Span=1.5*OBW

SET RBW=1%of the OBW,not to exceed 1MHz

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector:RMS

Appendix B: Peak-to-Average Ratio

Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	5.20	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.38	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	5.38	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.38	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	4.89	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.40	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	6.34	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.27	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	6.03	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.16	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	5.99	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.21	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	5.21	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.33	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	5.13	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.37	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	5.26	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.37	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	6.41	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.17	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	5.86	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.21	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	5.90	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.23	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	5.10	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.53	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	5.04	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.57	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	5.08	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.56	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	6.24	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.25	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	6.42	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.27	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	6.13	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.25	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	5.13	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.27	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	5.17	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.32	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	5.14	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.31	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	5.86	13	PASS

Total Quality. Assured.

Band38	20MHz	16QAM	37850	100RB#0	6.09	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	5.88	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.16	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	6.12	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.12	13	PASS

Appendix C: Modulation Characteristics

Test Plots

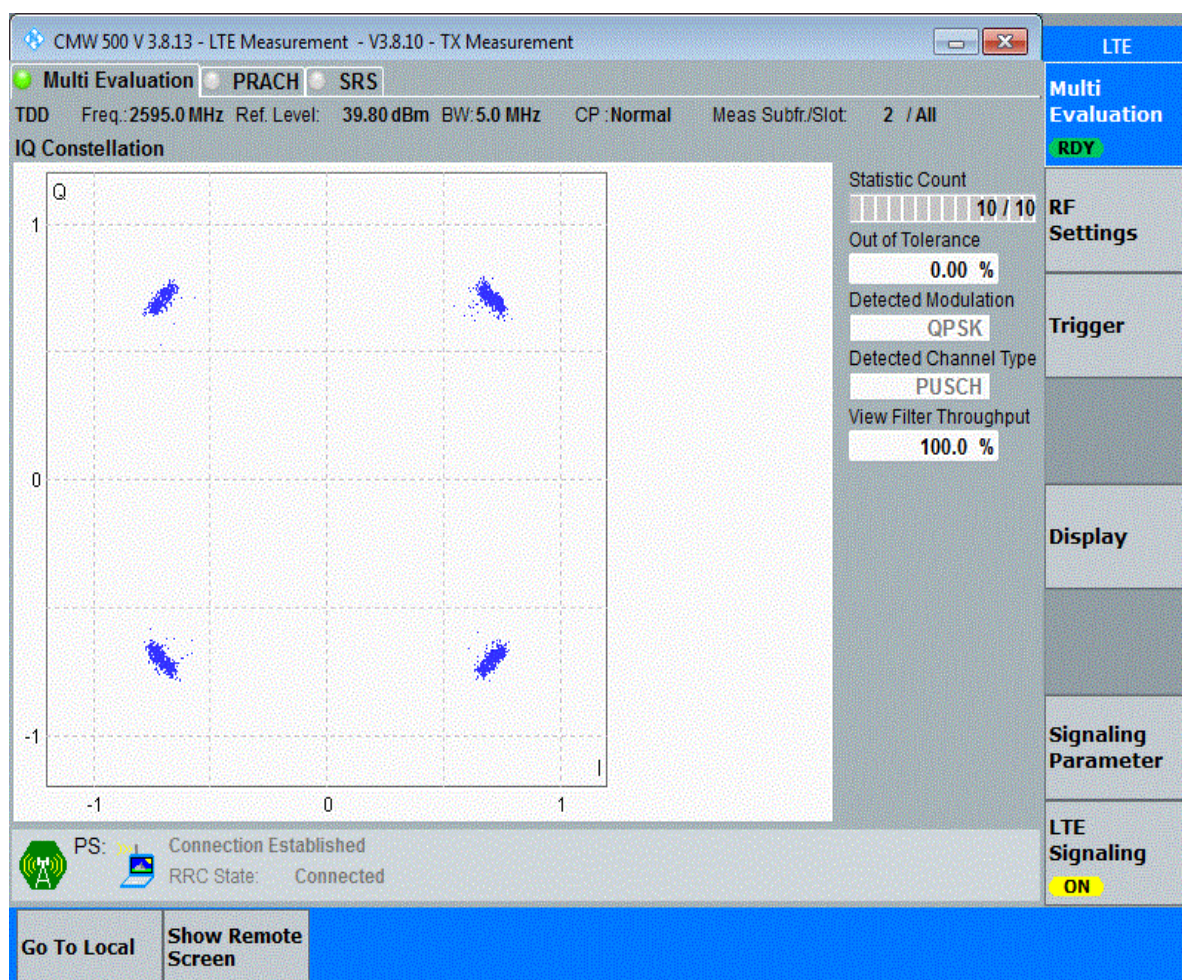
Test Band = BAND38

Test Mode = LTE/TM1

Test Bandwidth = 5MHz

Test Channel = MCH

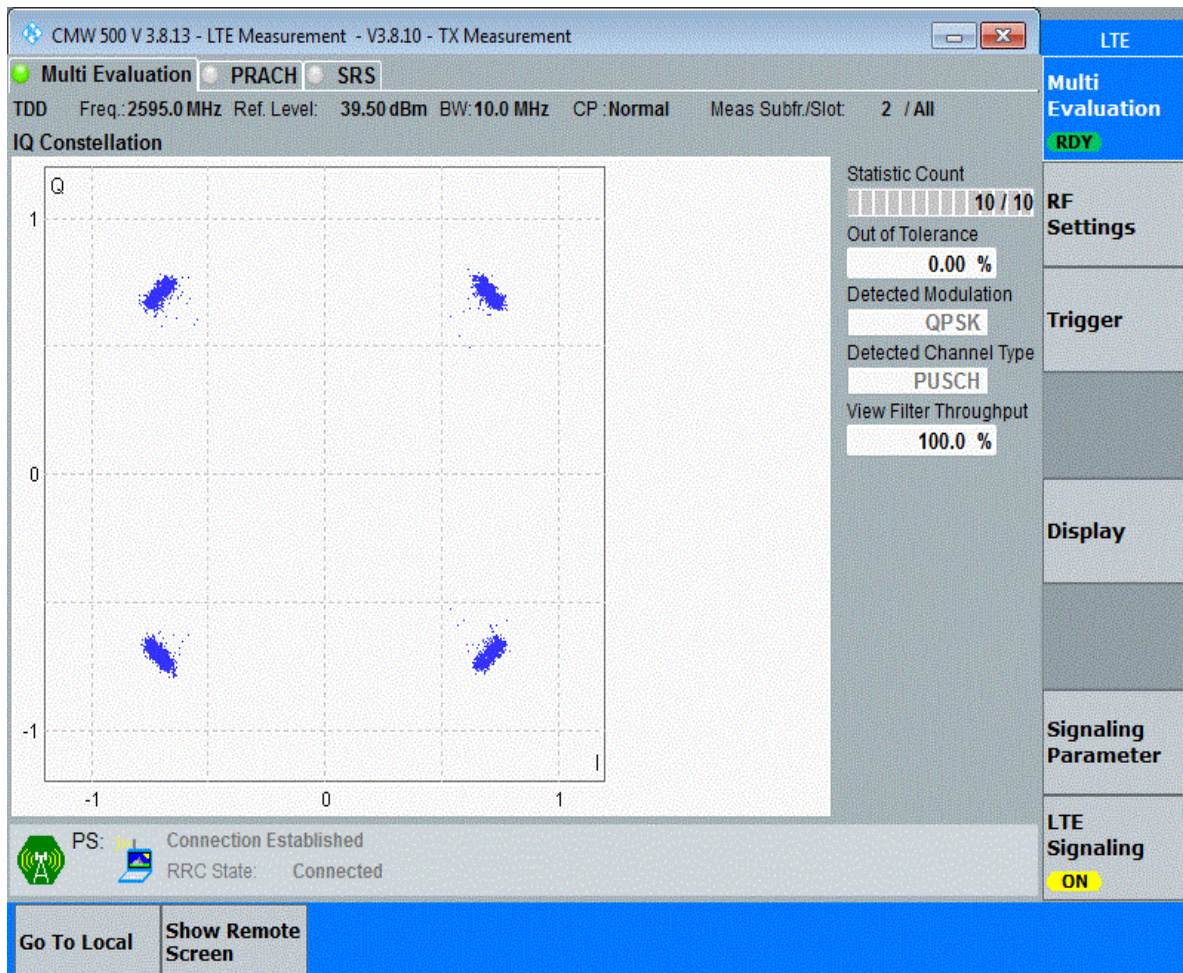
Test RB = RB25#0



Test Bandwidth = 10MHz

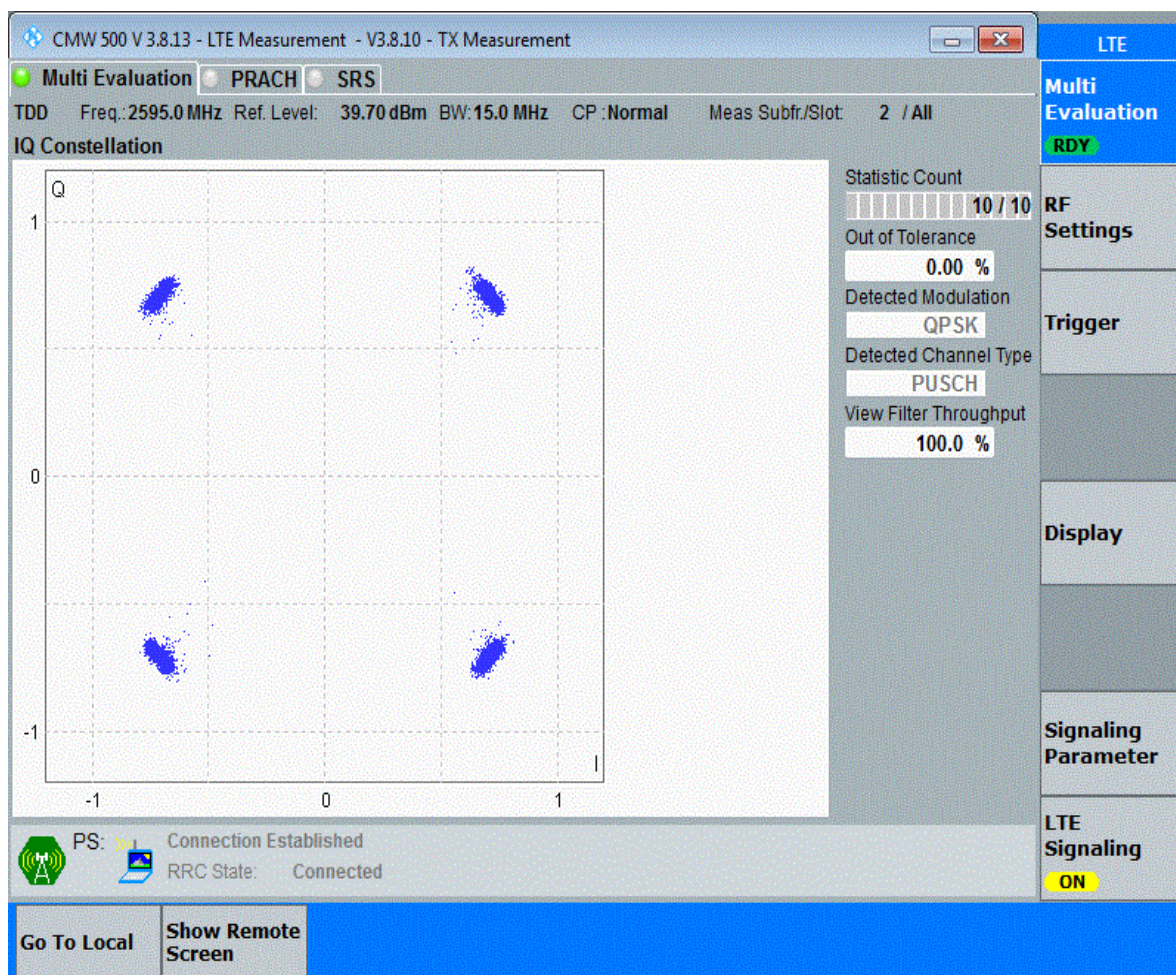
Test Channel = MCH

Test RB = RB50#0



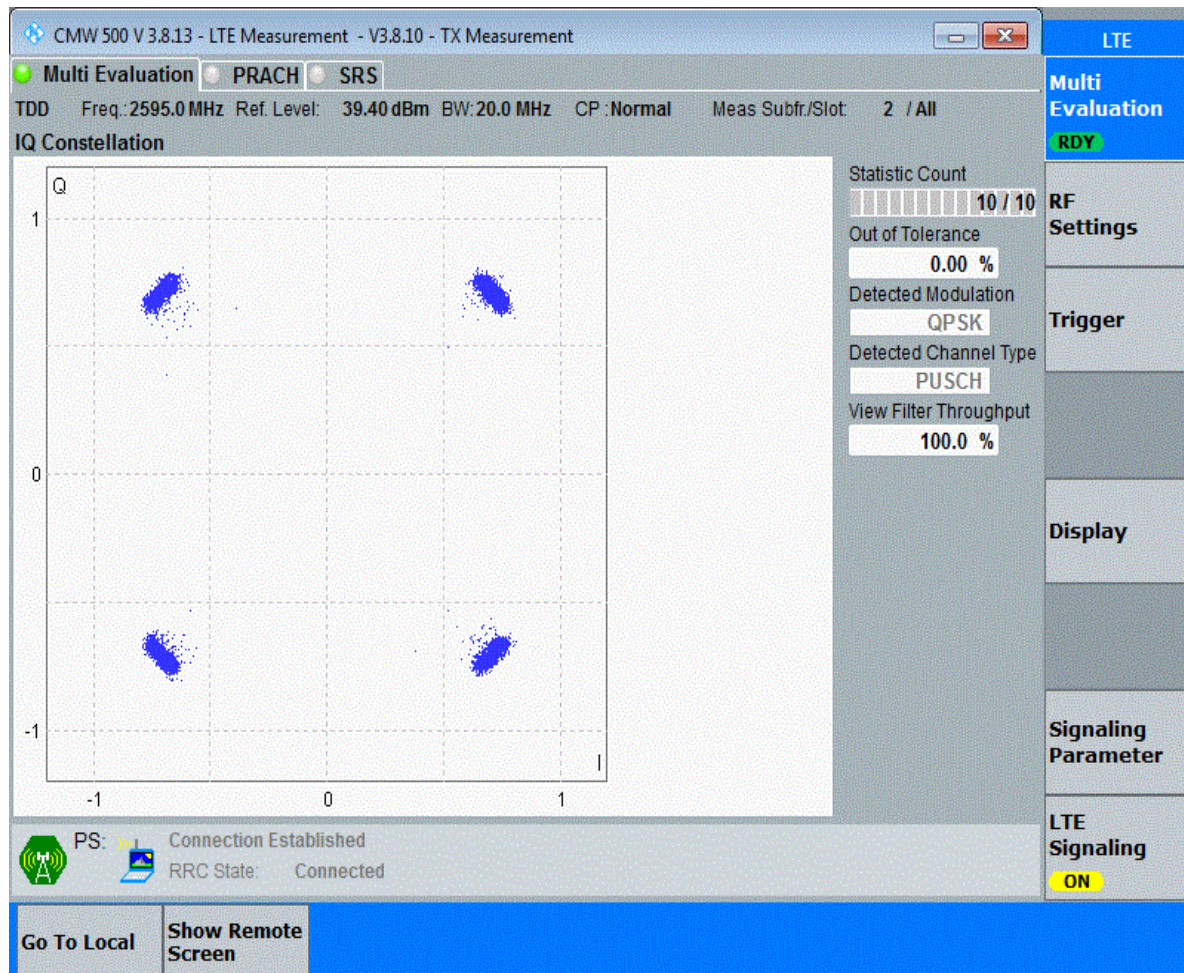
Test Channel = MCH

Test RB = RB75#0



Test Channel = MCH

Test RB = RB100#0

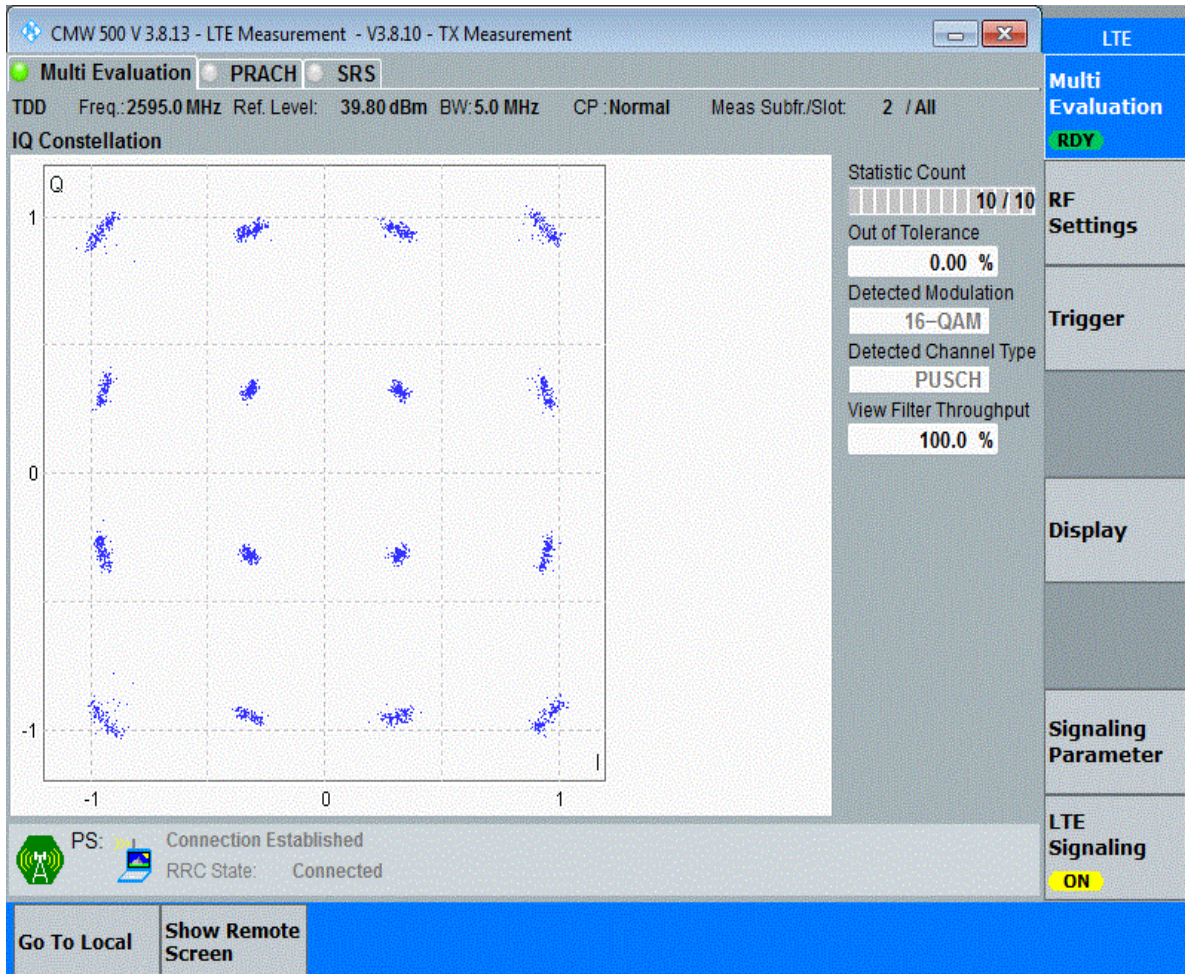


Test Mode = LTE/TM2

Test Bandwidth = 5MHz

Test Channel = MCH

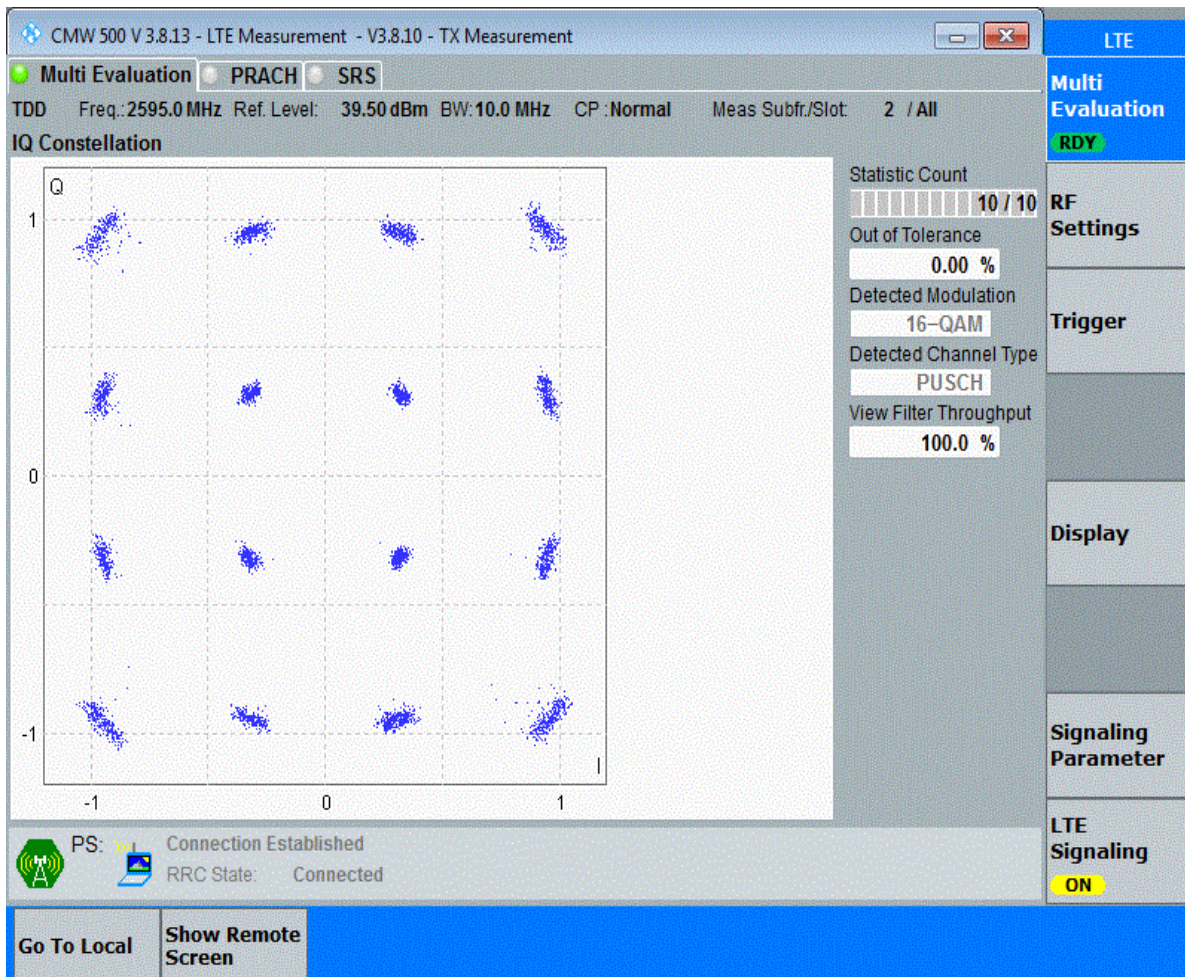
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

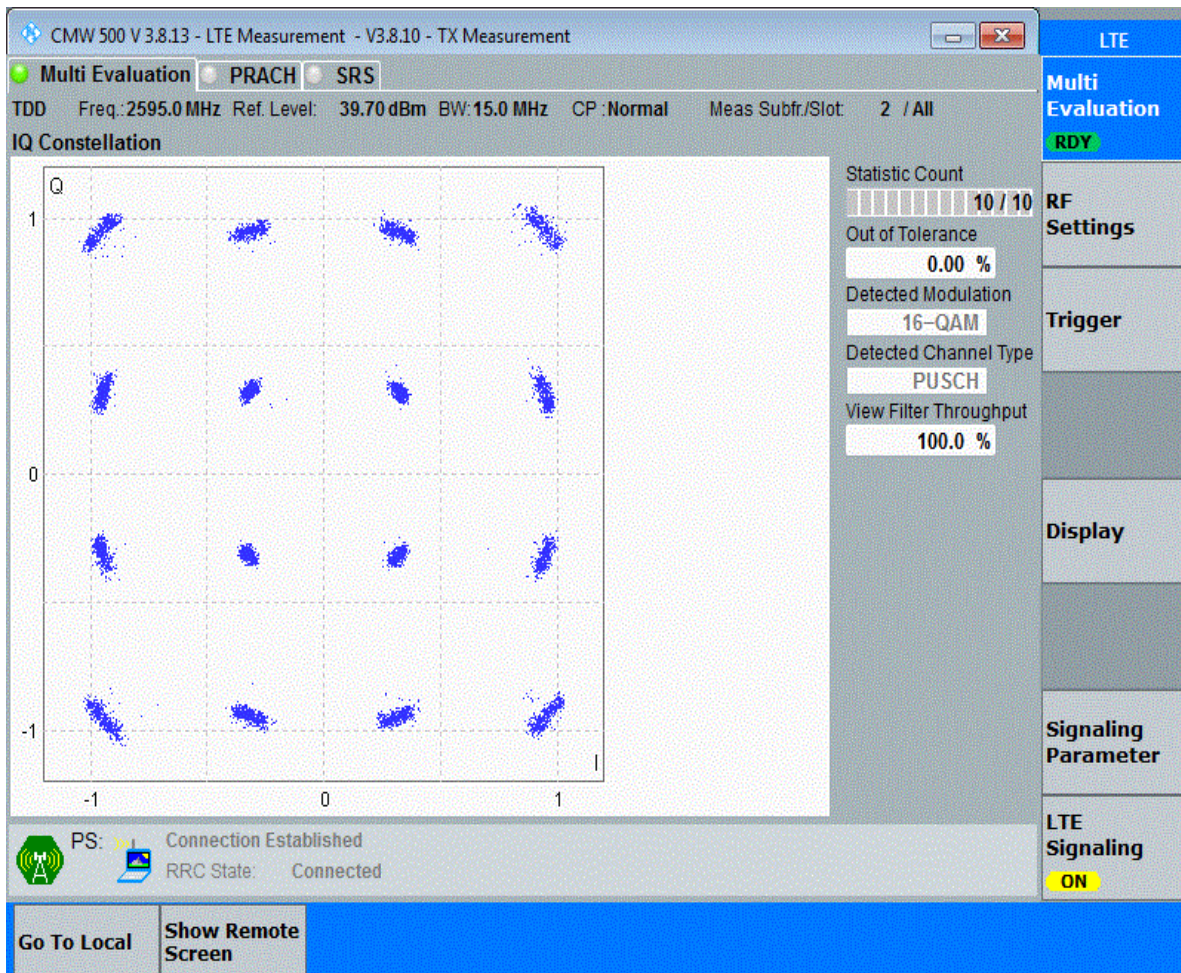
Test RB = RB50#0



Test Bandwidth = 15MHz

Test Channel = MCH

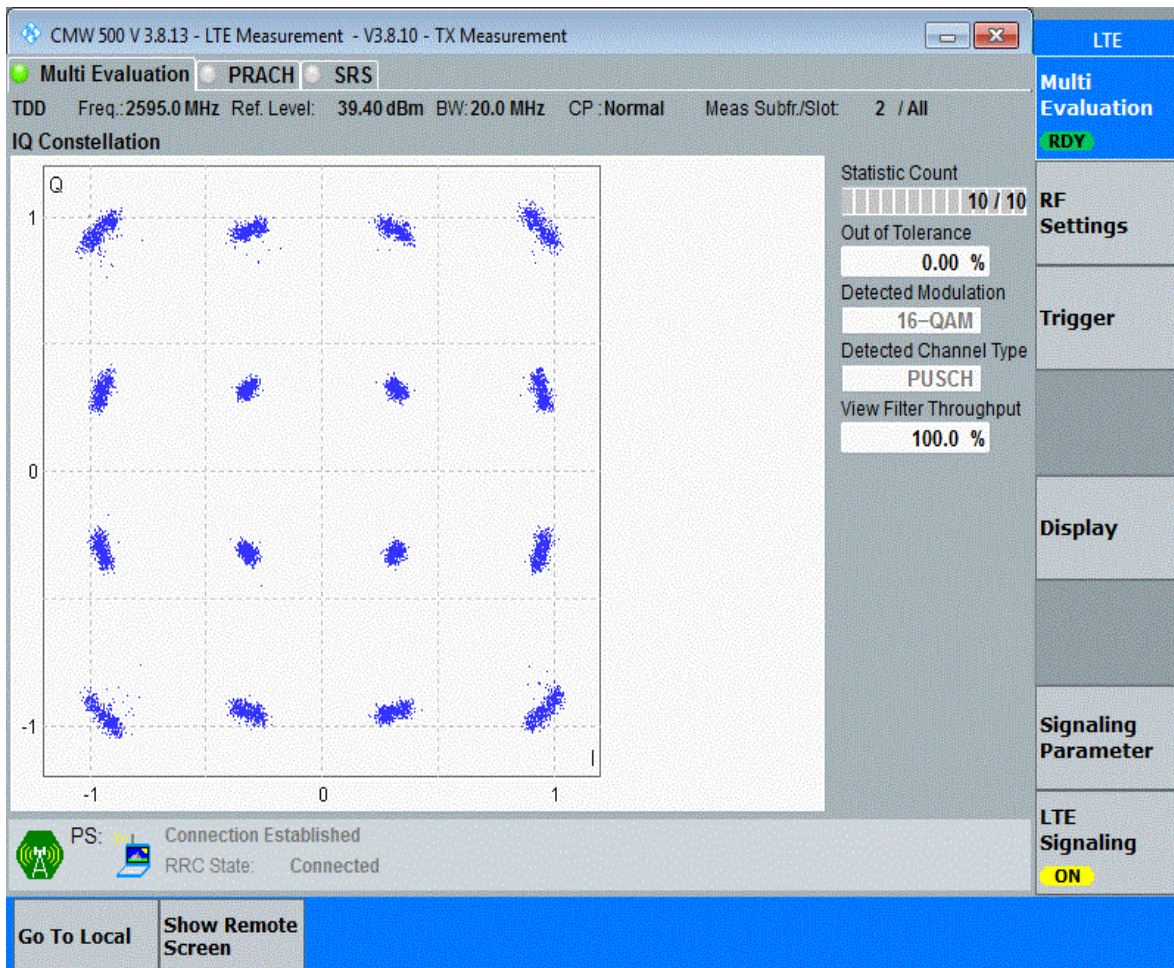
Test RB = RB75#0



Test Bandwidth = 20MHz

Test Channel = MCH

Test RB = RB100#0



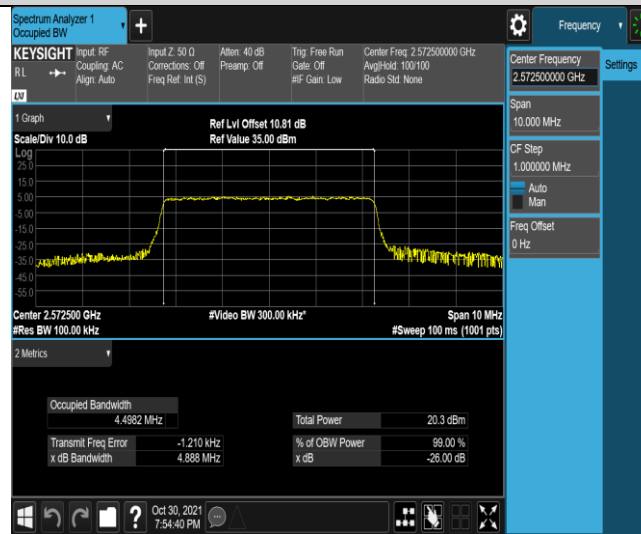
Appendix D: Bandwidth

Test Results

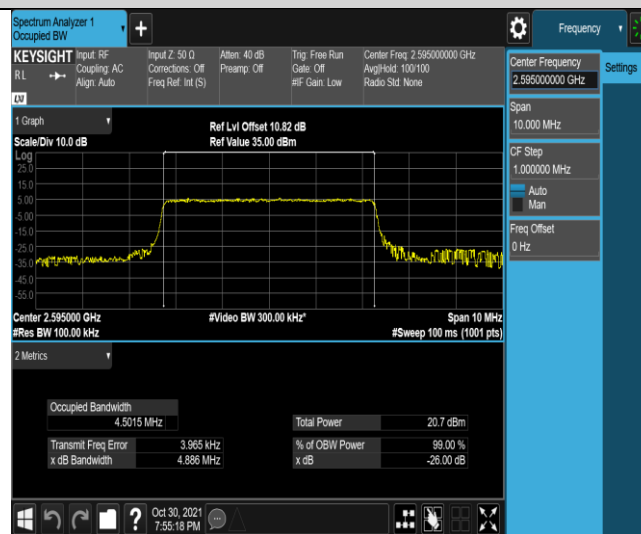
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4982	4.888	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5015	4.886	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5085	4.792	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4910	4.850	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4954	4.852	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4973	4.849	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9580	9.555	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9632	9.513	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9642	9.577	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9641	9.515	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9569	9.505	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9489	9.499	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.451	14.25	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.432	14.26	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.441	14.25	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.435	14.44	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.427	14.25	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.456	14.27	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.886	18.94	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.883	18.95	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.908	18.97	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.886	18.93	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.875	18.93	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.888	18.94	PASS

Test Plots

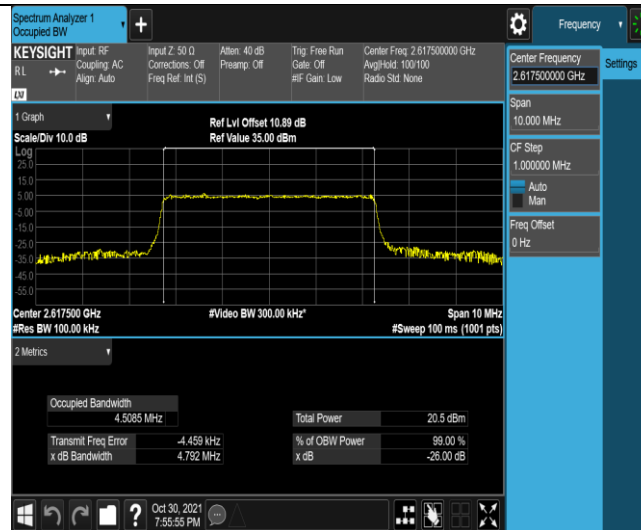
Band38-5MHz-QPSK-37775-25RB#0



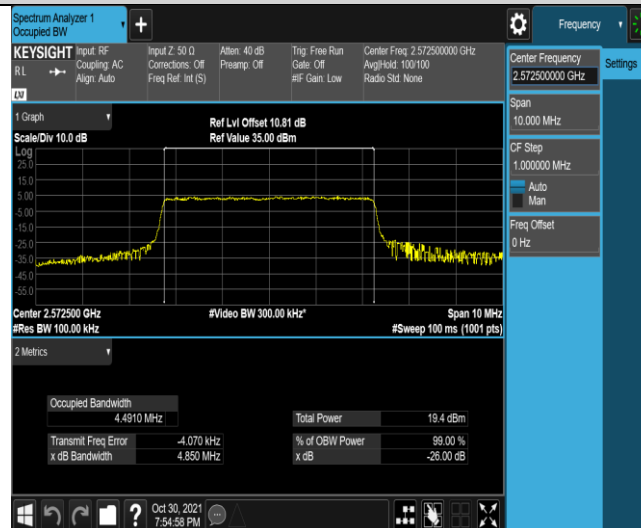
Band38-5MHz-QPSK-38000-25RB#0



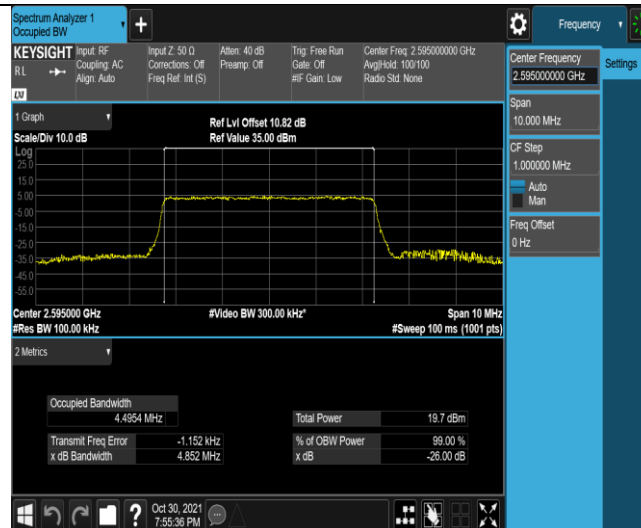
Band38-5MHz-QPSK-38225-25RB#0



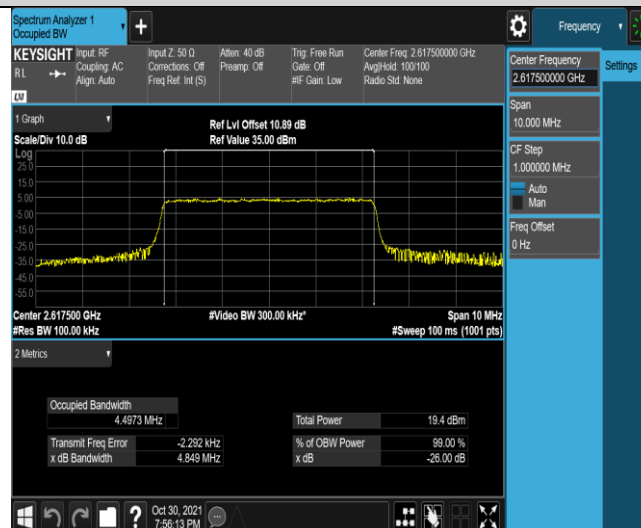
Band38-5MHz-16QAM-37775-25RB#0



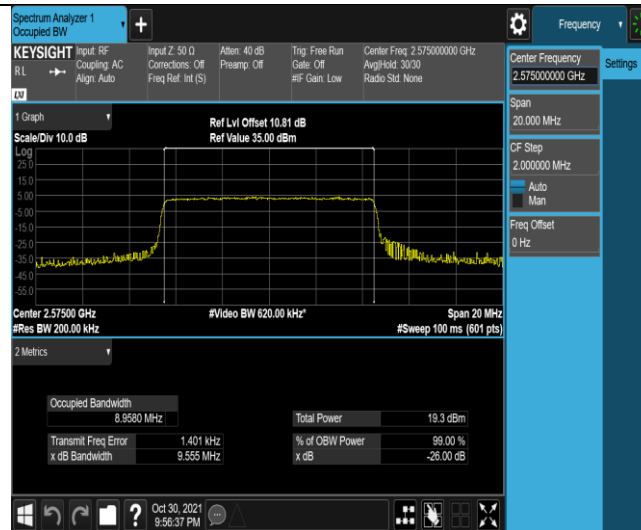
Band38-5MHz-16QAM-38000-25RB#0



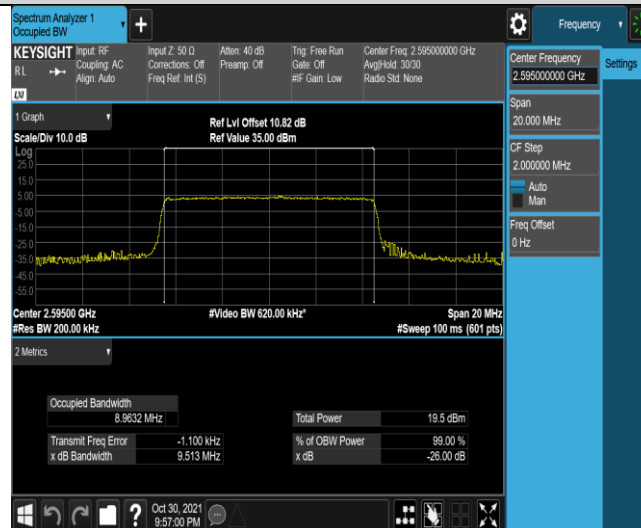
Band38-5MHz-16QAM-38225-25RB#0



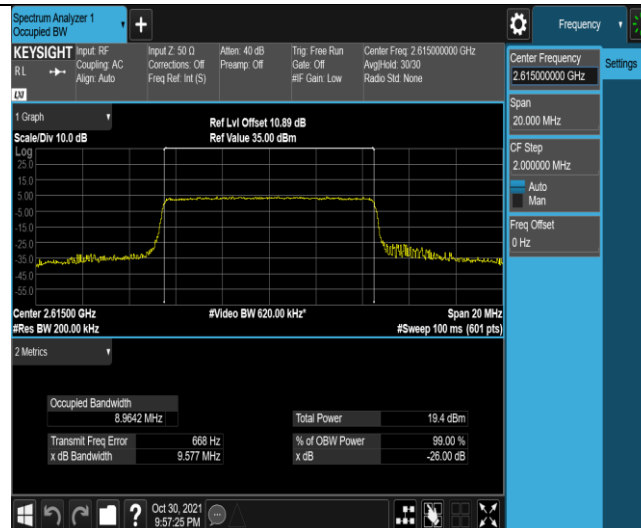
Band38-10MHz-QPSK-37800-50RB#0



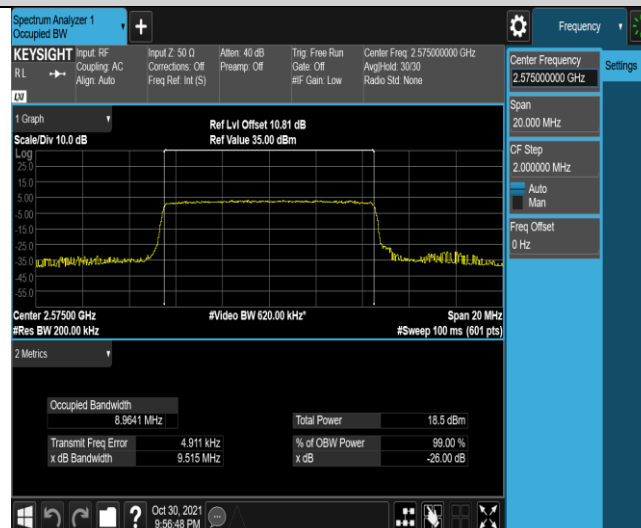
Band38-10MHz-QPSK-38000-50RB#0



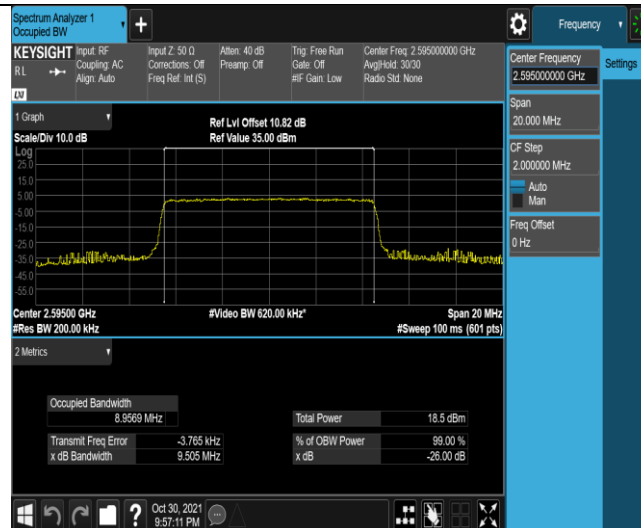
Band38-10MHz-QPSK-38200-50RB#0



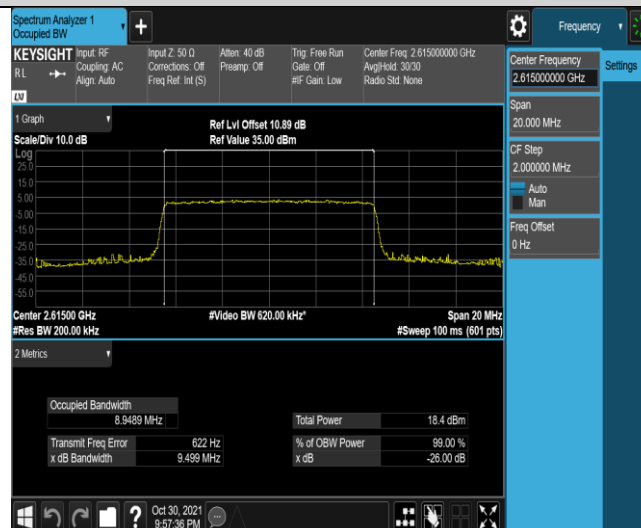
Band38-10MHz-16QAM-37800-50RB#0



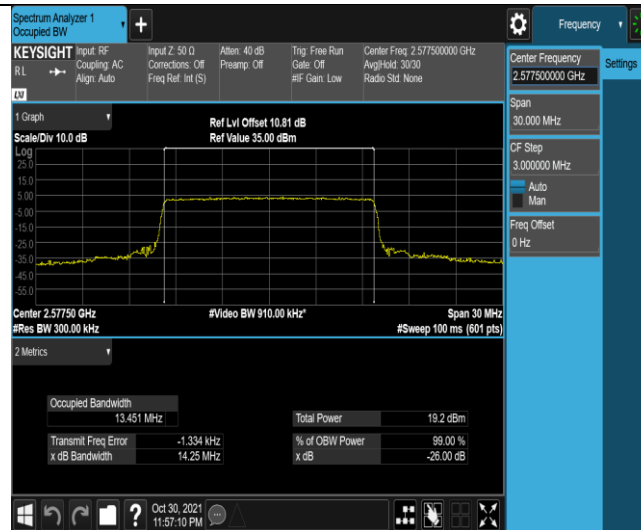
Band38-10MHz-16QAM-38000-50RB#0



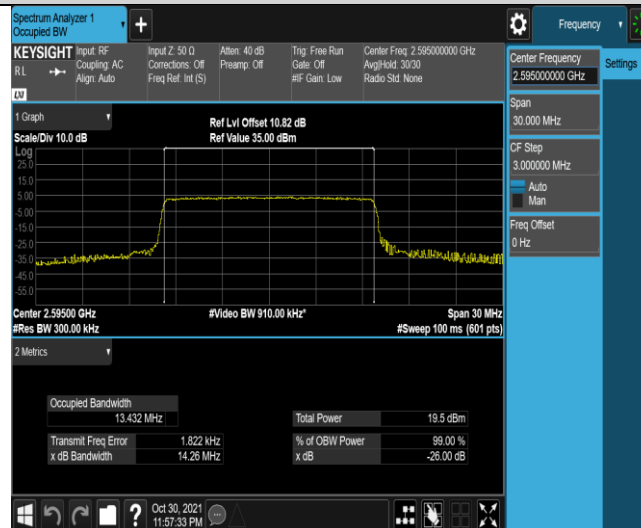
Band38-10MHz-16QAM-38200-50RB#0



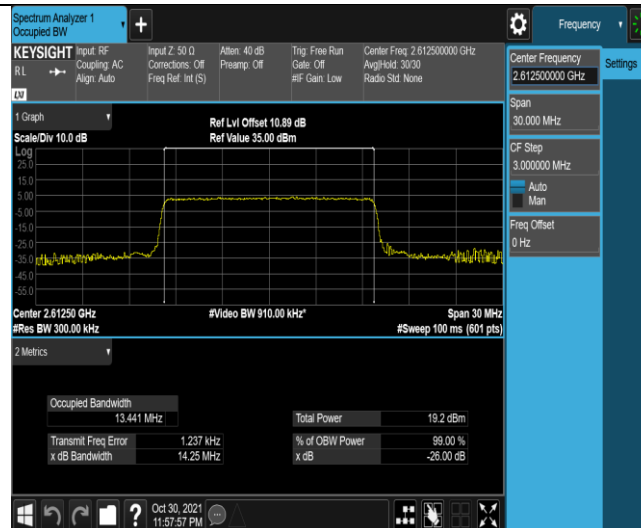
Band38-15MHz-QPSK-37825-75RB#0



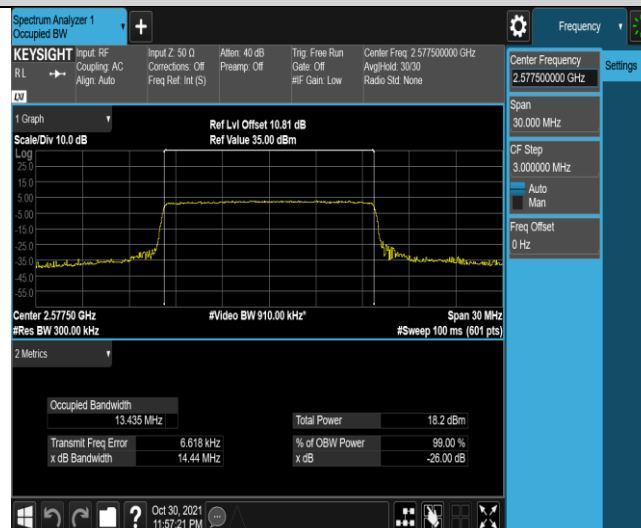
Band38-15MHz-QPSK-38000-75RB#0



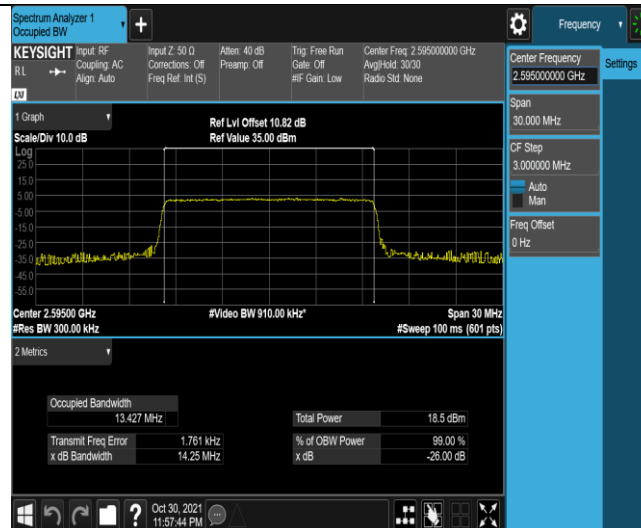
Band38-15MHz-QPSK-38175-75RB#0



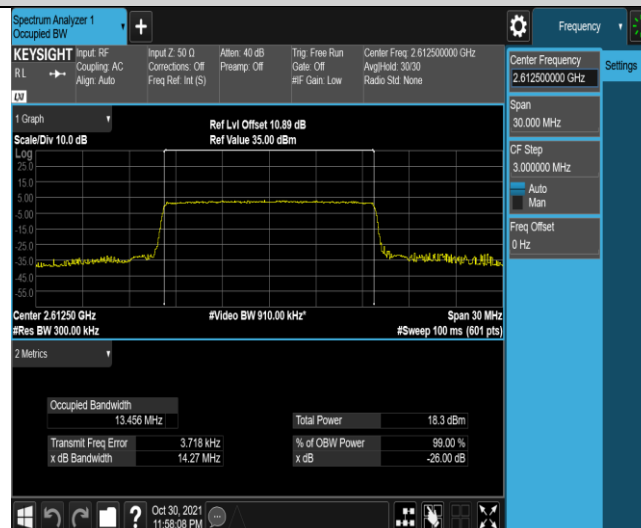
Band38-15MHz-16QAM-37825-75RB#0



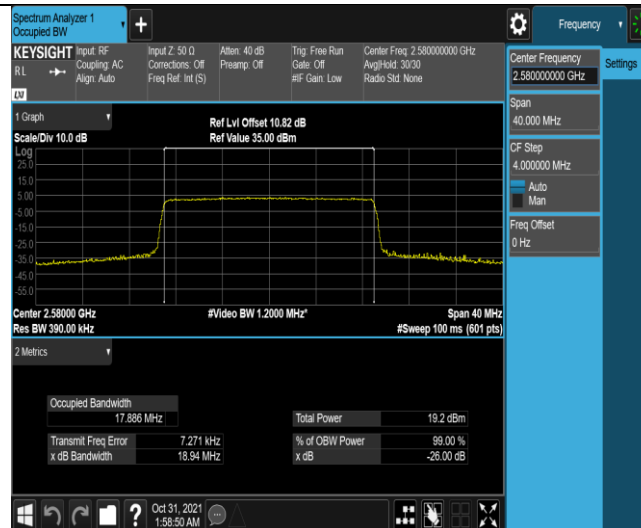
Band38-15MHz-16QAM-38000-75RB#0



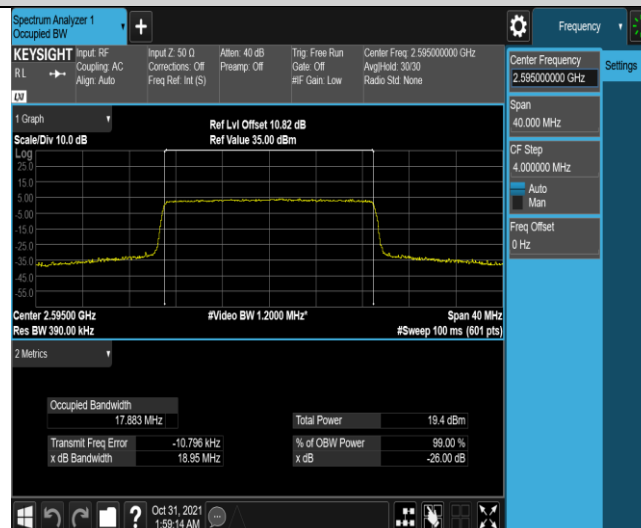
Band38-15MHz-16QAM-38175-75RB#0



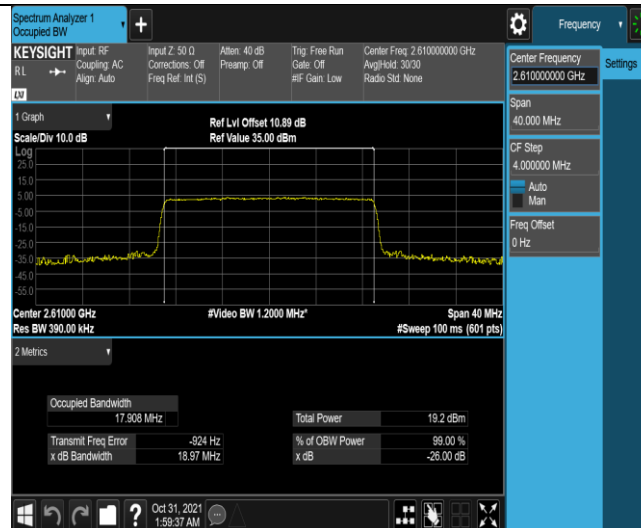
Band38-20MHz-QPSK-37850-100RB#0



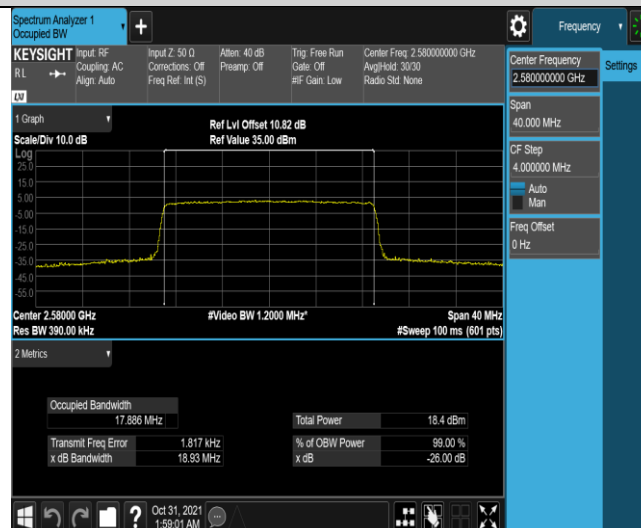
Band38-20MHz-QPSK-38000-100RB#0



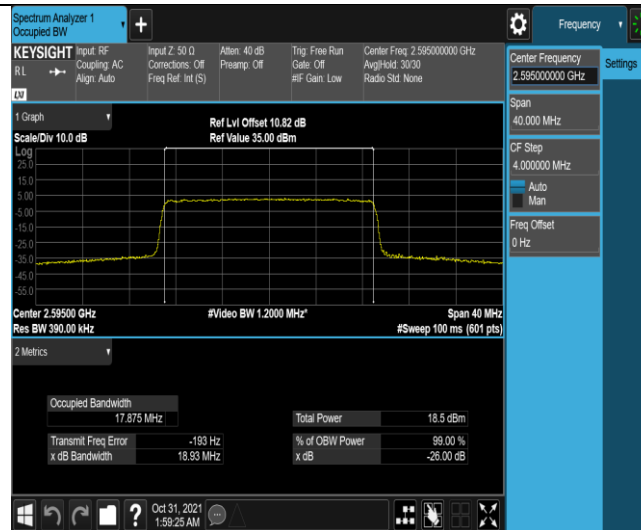
Band38-20MHz-QPSK-38150-100RB#0



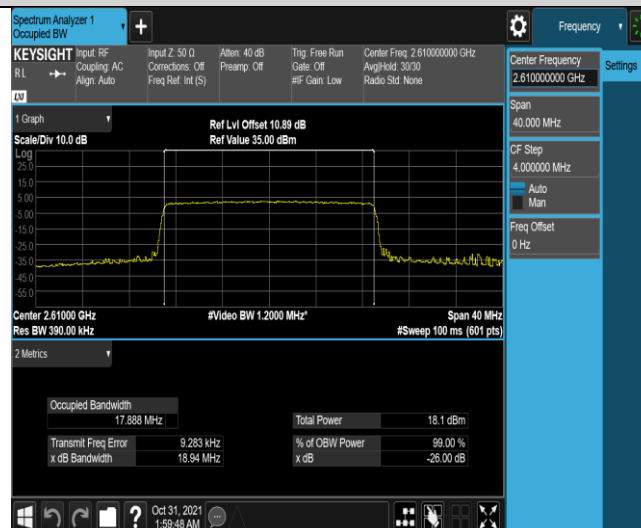
Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0



Appendix E: Band Edges Compliance

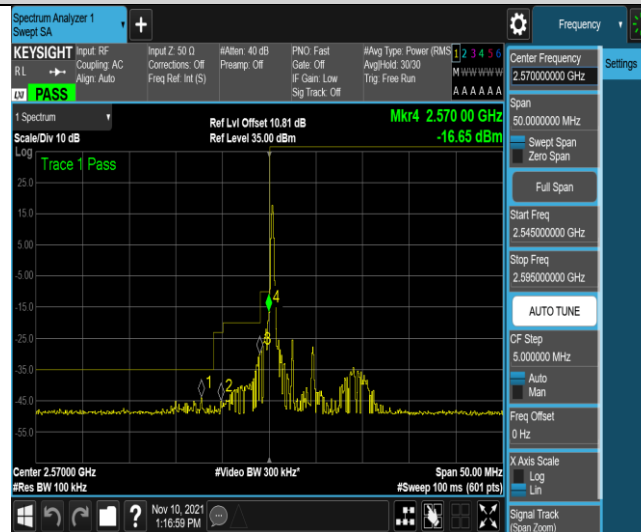
Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-44.25,-45.27,-30.19,-16.65	PASS
Band38	5MHz	QPSK	37775	1RB#24	-47.18,-40.20,-36.55,-42.76	PASS
Band38	5MHz	QPSK	37775	25RB#0	-43.18,-43.33,-33.71,-25.16	PASS
Band38	5MHz	QPSK	38225	1RB#0	-42.19,-32.60,-42.09,-45.71	PASS
Band38	5MHz	QPSK	38225	1RB#24	-18.39,-28.86,-43.92,-43.63	PASS
Band38	5MHz	QPSK	38225	25RB#0	-26.02,-31.43,-41.85,-41.73	PASS
Band38	5MHz	16QAM	37775	1RB#0	-45.74,-46.76,-31.95,-16.86	PASS
Band38	5MHz	16QAM	37775	1RB#24	-44.70,-38.87,-37.32,-42.63	PASS
Band38	5MHz	16QAM	37775	25RB#0	-43.70,-43.20,-33.17,-25.59	PASS
Band38	5MHz	16QAM	38225	1RB#0	-40.29,-34.14,-40.61,-45.78	PASS
Band38	5MHz	16QAM	38225	1RB#24	-18.63,-30.49,-42.74,-43.41	PASS
Band38	5MHz	16QAM	38225	25RB#0	-26.63,-34.25,-42.06,-42.24	PASS
Band38	10MHz	QPSK	37800	1RB#0	-41.71,-38.46,-31.70,-29.52	PASS
Band38	10MHz	QPSK	37800	1RB#49	-32.01,-30.71,-41.64,-41.31	PASS
Band38	10MHz	QPSK	37800	50RB#0	-42.11,-38.45,-32.48,-29.73	PASS
Band38	10MHz	QPSK	38200	1RB#0	-41.33,-41.13,-33.00,-34.61	PASS
Band38	10MHz	QPSK	38200	1RB#49	-19.78,-28.33,-40.38,-43.07	PASS
Band38	10MHz	QPSK	38200	50RB#0	-27.01,-30.33,-36.10,-37.12	PASS
Band38	10MHz	16QAM	37800	1RB#0	-35.19,-36.97,-30.83,-18.68	PASS
Band38	10MHz	16QAM	37800	1RB#49	-32.05,-31.01,-41.87,-41.83	PASS
Band38	10MHz	16QAM	37800	50RB#0	-39.53,-37.03,-32.65,-31.40	PASS
Band38	10MHz	16QAM	38200	1RB#0	-41.29,-40.55,-37.53,-37.33	PASS
Band38	10MHz	16QAM	38200	1RB#49	-23.35,-28.44,-40.46,-45.23	PASS
Band38	10MHz	16QAM	38200	50RB#0	-31.86,-33.41,-37.06,-38.93	PASS
Band38	15MHz	QPSK	37825	1RB#0	-36.07,-37.01,-30.05,-19.93	PASS
Band38	15MHz	QPSK	37825	1RB#74	-34.41,-32.33,-41.57,-40.92	PASS
Band38	15MHz	QPSK	37825	75RB#0	-37.80,-35.64,-30.18,-29.37	PASS
Band38	15MHz	QPSK	38175	1RB#0	-38.99,-39.56,-31.72,-32.68	PASS
Band38	15MHz	QPSK	38175	1RB#74	-20.65,-29.86,-36.03,-38.47	PASS
Band38	15MHz	QPSK	38175	75RB#0	-26.15,-31.07,-35.07,-37.66	PASS
Band38	15MHz	16QAM	37825	1RB#0	-38.18,-37.64,-27.95,-21.41	PASS
Band38	15MHz	16QAM	37825	1RB#74	-36.12,-33.71,-41.86,-41.03	PASS
Band38	15MHz	16QAM	37825	75RB#0	-38.19,-35.86,-32.12,-29.80	PASS
Band38	15MHz	16QAM	38175	1RB#0	-39.28,-39.15,-29.49,-30.58	PASS
Band38	15MHz	16QAM	38175	1RB#74	-19.17,-28.34,-32.66,-37.58	PASS
Band38	15MHz	16QAM	38175	75RB#0	-28.97,-32.38,-32.92,-35.64	PASS
Band38	20MHz	QPSK	37850	1RB#0	-41.74,-38.11,-29.19,-23.20	PASS
Band38	20MHz	QPSK	37850	1RB#99	-32.97,-31.86,-42.82,-40.70	PASS
Band38	20MHz	QPSK	37850	100RB#0	-40.39,-34.31,-32.15,-31.13	PASS
Band38	20MHz	QPSK	38150	1RB#0	-39.93,-41.36,-31.56,-35.37	PASS
Band38	20MHz	QPSK	38150	1RB#99	-21.13,-29.23,-37.60,-42.61	PASS
Band38	20MHz	QPSK	38150	100RB#0	-31.29,-32.48,-34.41,-39.45	PASS

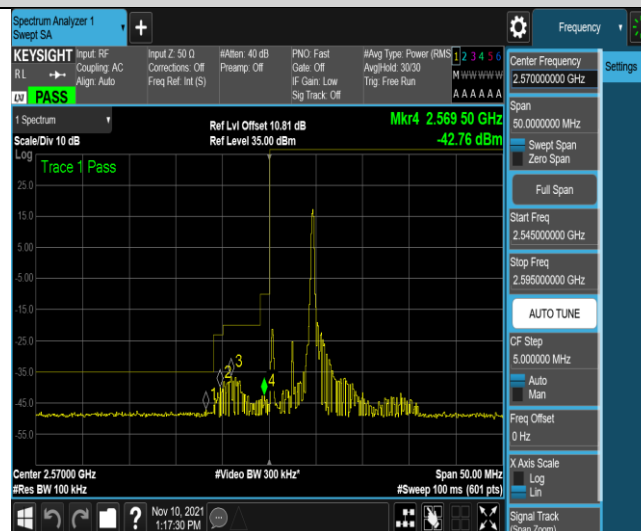
Total Quality. Assured.

Band38	20MHz	16QAM	37850	1RB#0	-42.24,-35.86,-27.82,-21.14	PASS
Band38	20MHz	16QAM	37850	1RB#99	-34.81,-33.02,-42.05,-41.74	PASS
Band38	20MHz	16QAM	37850	100RB#0	-40.99,-35.69,-33.70,-31.82	PASS
Band38	20MHz	16QAM	38150	1RB#0	-39.31,-41.20,-32.61,-36.33	PASS
Band38	20MHz	16QAM	38150	1RB#99	-22.84,-28.12,-36.78,-42.31	PASS
Band38	20MHz	16QAM	38150	100RB#0	-30.79,-33.71,-35.39,-40.44	PASS

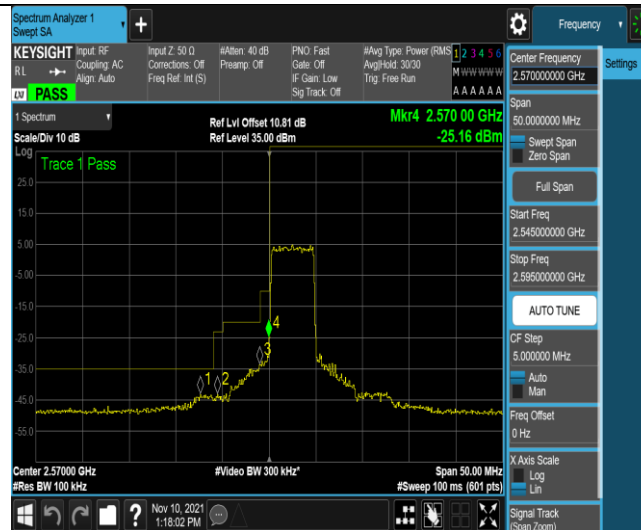
Band38-5MHz-QPSK-37775-1RB#0



Band38-5MHz-QPSK-37775-1RB#24



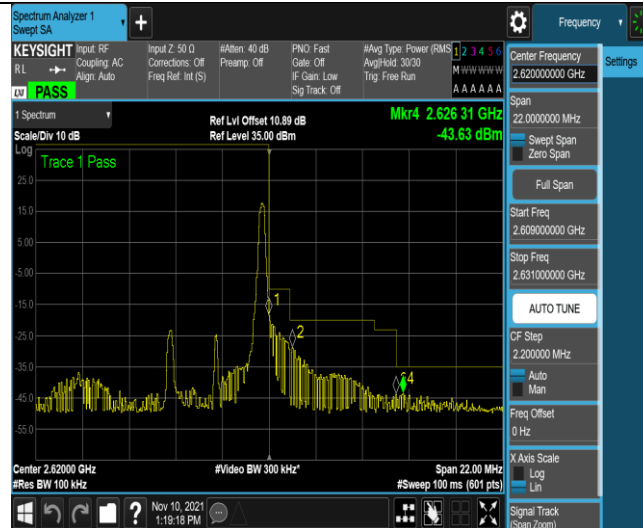
Band38-5MHz-QPSK-37775-25RB#0



Band38-5MHz-QPSK-38225-1RB#0



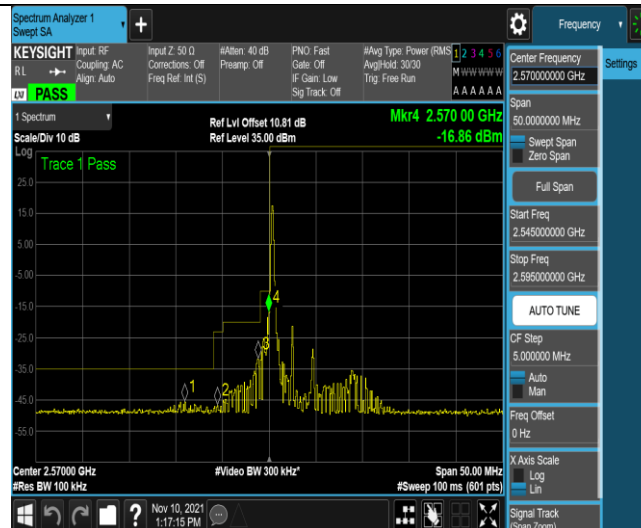
Band38-5MHz-QPSK-38225-1RB#24



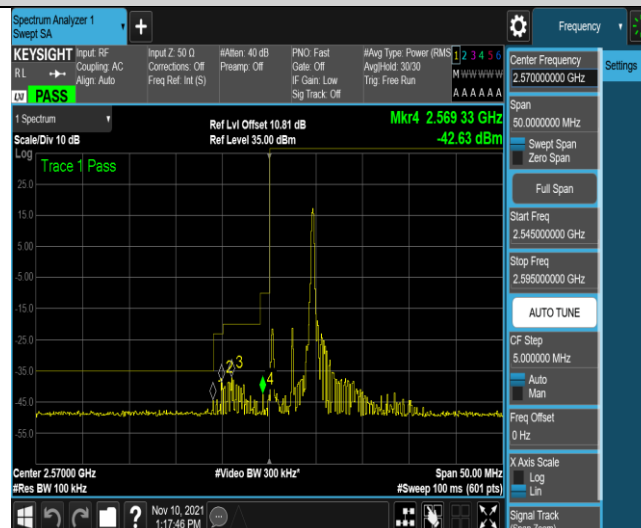
Band38-5MHz-QPSK-38225-25RB#0



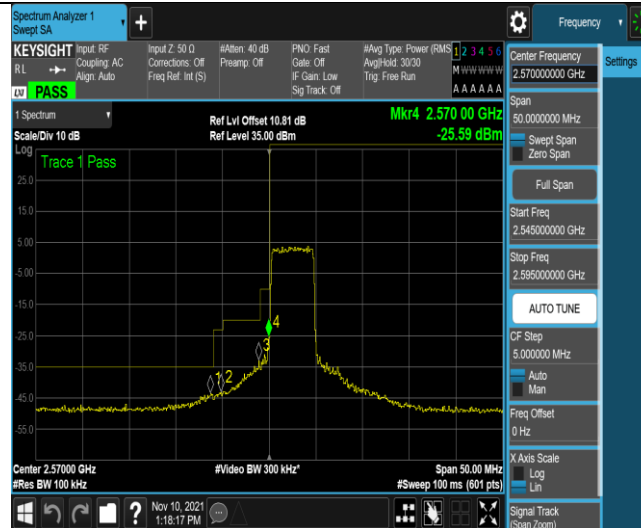
Band38-5MHz-16QAM-37775-1RB#0



Band38-5MHz-16QAM-37775-1RB#24



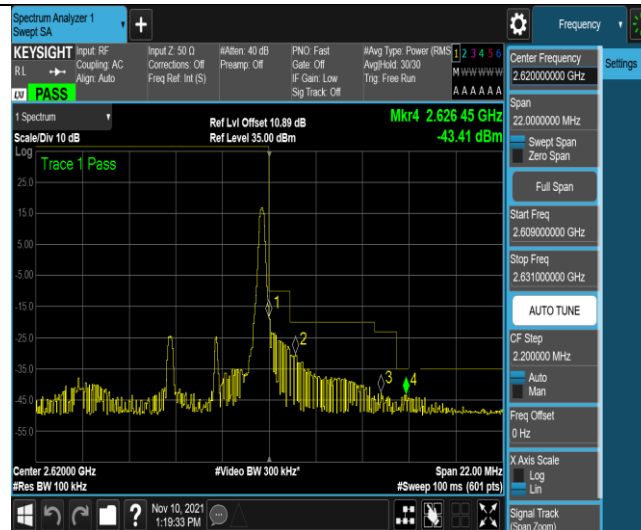
Band38-5MHz-16QAM-37775-25RB#0



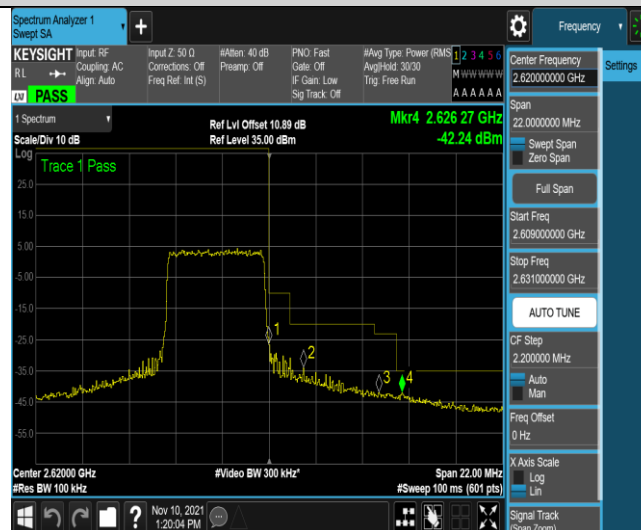
Band38-5MHz-16QAM-38225-1RB#0



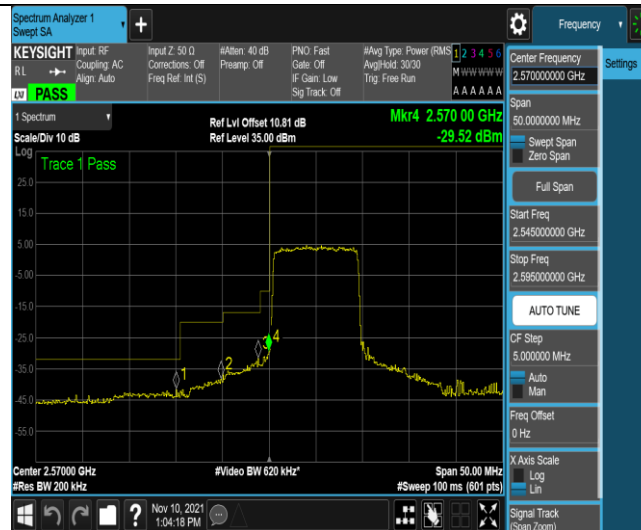
Band38-5MHz-16QAM-38225-1RB#24



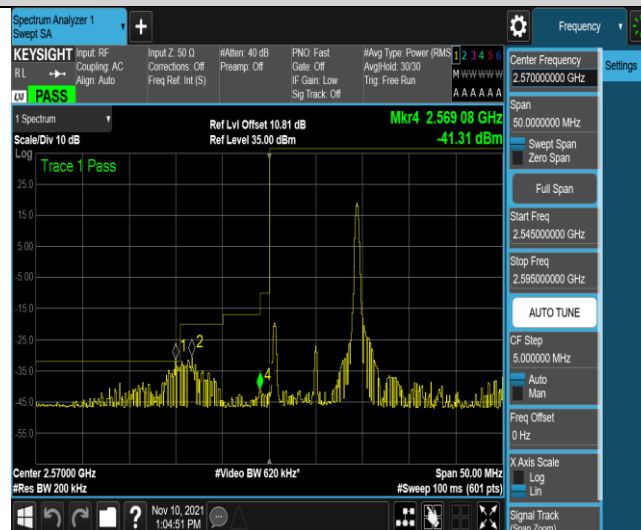
Band38-5MHz-16QAM-38225-25RB#0



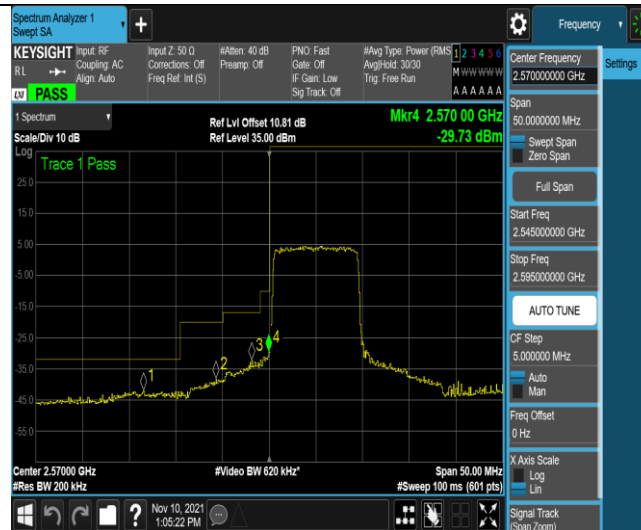
Band38-10MHz-QPSK-37800-1RB#0



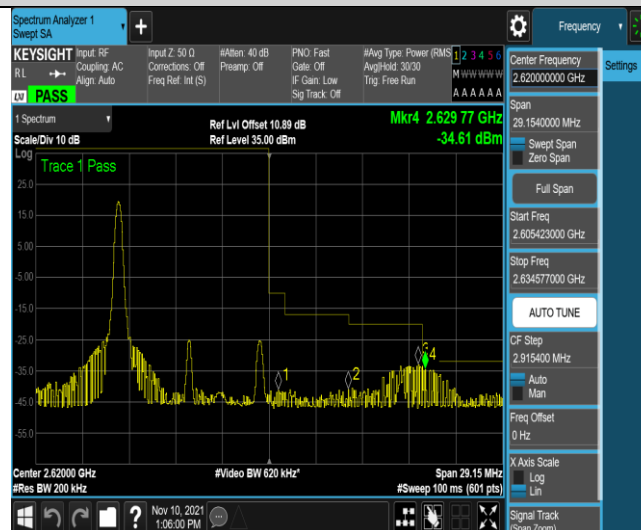
Band38-10MHz-QPSK-37800-1RB#49



Band38-10MHz-QPSK-37800-50RB#0



Band38-10MHz-QPSK-38200-1RB#0



Band38-10MHz-QPSK-38200-1RB#49