

Appendix for LTE B7 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
Band7	5MHz	QPSK	20775	1RB#0	21.18	25.97	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.43	27.22	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.25	27.04	33	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.55	26.34	33	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.51	26.3	33	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.33	26.12	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.52	26.31	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.41	27.2	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.31	27.1	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.24	27.03	33	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.43	26.22	33	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.44	26.23	33	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.35	26.14	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.35	26.14	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.61	27.4	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.43	27.22	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.36	27.15	33	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.56	26.35	33	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.58	26.37	33	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.45	26.24	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.46	26.25	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.29	26.08	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.96	25.75	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.18	25.97	33	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.48	25.27	33	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.52	25.31	33	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.37	25.16	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.66	25.45	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.24	26.03	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.11	25.9	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.41	26.2	33	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.45	25.24	33	PASS

Total Quality. Assured.

Band7	5MHz	16QAM	21100	12RB#6	20.47	25.26	33	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.41	25.2	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.20	24.99	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.52	26.31	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.44	26.23	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.50	26.29	33	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.47	25.26	33	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.30	25.09	33	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.46	25.25	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.56	25.35	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.54	27.33	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.23	27.02	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.99	26.78	33	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.50	26.29	33	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.50	26.29	33	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.33	26.12	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.37	26.16	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.29	27.08	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.19	26.98	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.11	26.9	33	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.48	26.27	33	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.49	26.28	33	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.29	26.08	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.40	26.19	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.68	27.47	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.62	27.41	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.51	27.3	33	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.67	26.46	33	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.63	26.42	33	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.67	26.46	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.63	26.42	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.94	26.73	33	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.40	26.19	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.26	26.05	33	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.35	25.14	33	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.30	25.09	33	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.24	25.03	33	PASS

Total Quality. Assured.

Band7	10MHz	16QAM	20800	50RB#0	20.30	25.09	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.57	26.36	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.20	25.99	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.26	26.05	33	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.56	25.35	33	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.55	25.34	33	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.35	25.14	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.41	25.2	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.03	26.82	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.85	26.64	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.92	26.71	33	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.77	25.56	33	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.60	25.39	33	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.78	25.57	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.59	25.38	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.59	27.38	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.14	26.93	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.17	26.96	33	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.47	26.26	33	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.50	26.29	33	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.44	26.23	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.46	26.25	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.16	26.95	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.05	26.84	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.96	26.75	33	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.25	26.04	33	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.28	26.07	33	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.30	26.09	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.31	26.1	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.17	26.96	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.57	27.36	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.43	27.22	33	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.53	26.32	33	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.54	26.33	33	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.53	26.32	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.55	26.34	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.83	26.62	33	PASS

Total Quality. Assured.

Band7	15MHz	16QAM	20825	1RB#38	21.53	26.32	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.36	26.15	33	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.48	26.27	33	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.52	26.31	33	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.45	26.24	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.41	25.2	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.18	25.97	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.81	25.6	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.08	25.87	33	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.27	26.06	33	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.29	26.08	33	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.31	26.1	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.20	24.99	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.41	26.2	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.84	26.63	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.69	26.48	33	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.54	26.33	33	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.53	26.32	33	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.54	26.33	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.52	25.31	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.36	27.15	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.22	27.01	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.22	27.01	33	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.37	26.16	33	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.32	26.11	33	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.33	26.12	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.30	26.09	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.46	27.25	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.15	26.94	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.06	26.85	33	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.58	26.37	33	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.53	26.32	33	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.32	26.11	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.43	26.22	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.18	26.97	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.94	27.73	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.66	27.45	33	PASS

Total Quality. Assured.

Band7	20MHz	QPSK	21350	50RB#0	21.52	26.31	33	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.44	26.23	33	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.71	26.5	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.48	26.27	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.41	26.2	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.62	26.41	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.05	25.84	33	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.38	25.17	33	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.43	25.22	33	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.28	25.07	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.24	25.03	33	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.77	26.56	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.95	26.74	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.84	26.63	33	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.52	25.31	33	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.52	25.31	33	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.25	25.04	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.38	25.17	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.32	26.11	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.83	26.62	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.58	26.37	33	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.65	25.44	33	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.49	25.28	33	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.65	25.44	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.56	25.35	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 7 is 4.79dBi.

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
Band7	5MHz	QPSK	20775	1RB#0	4.52	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.23	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.37	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.09	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.96	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.60	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.46	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.02	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.20	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.98	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.89	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.61	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.53	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.31	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.17	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.08	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.17	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.71	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.36	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.09	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.16	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.93	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.90	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.68	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.46	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.44	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.28	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.31	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.55	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.19	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.36	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.18	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.30	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.04	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.48	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.02	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.46	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.17	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.27	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.13	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.53	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.99	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.34	13	PASS

Total Quality. Assured.

Band7	20MHz	16QAM	20850	100RB#0	6.02	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.12	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.93	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.64	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.89	13	PASS

Appendix C: Modulation Characteristics

Test Plots

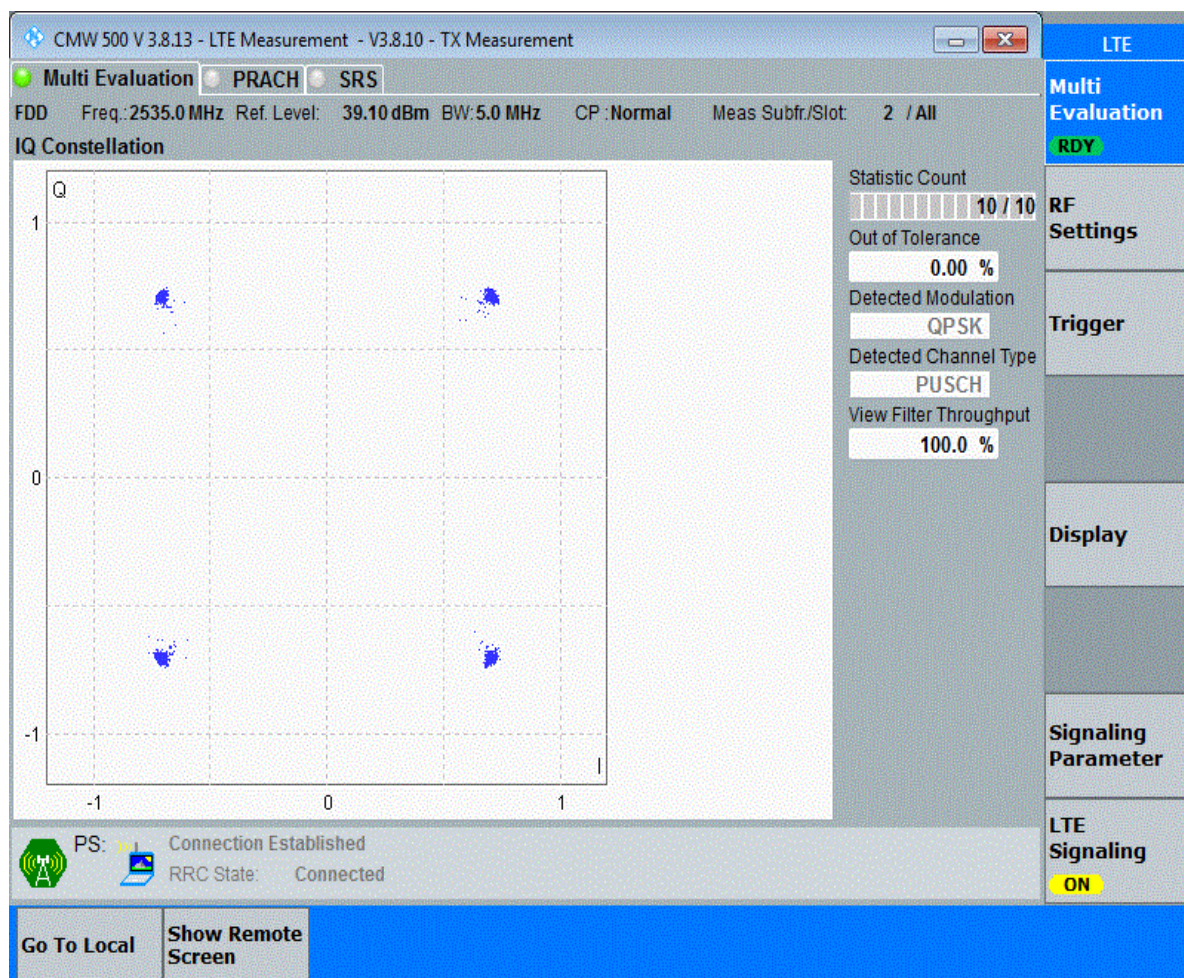
Test Band = BAND7

Test Mode = LTE/TM1

Test Bandwidth = 5MHz

Test Channel = MCH

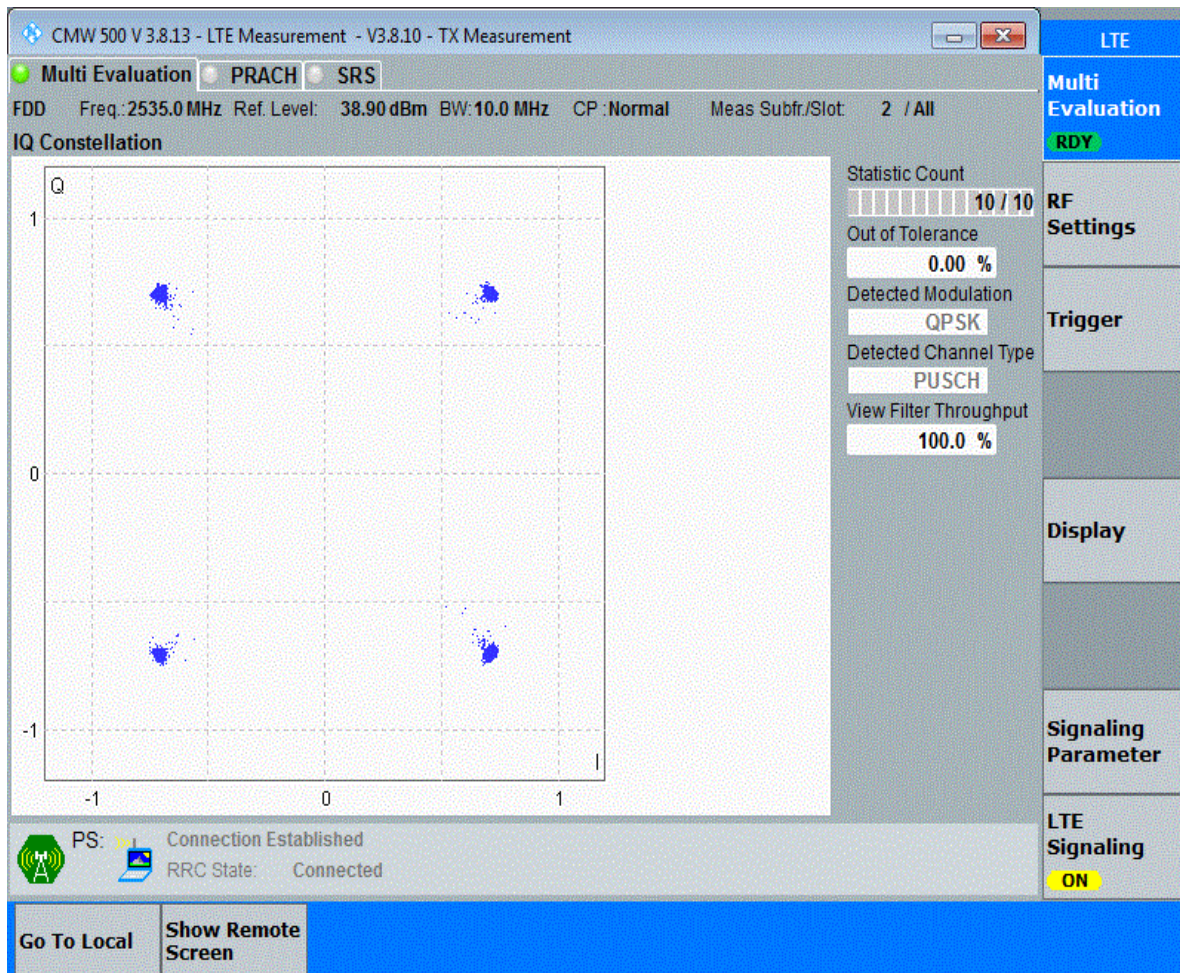
Test RB = RB25#0



Test Bandwidth = 10MHz

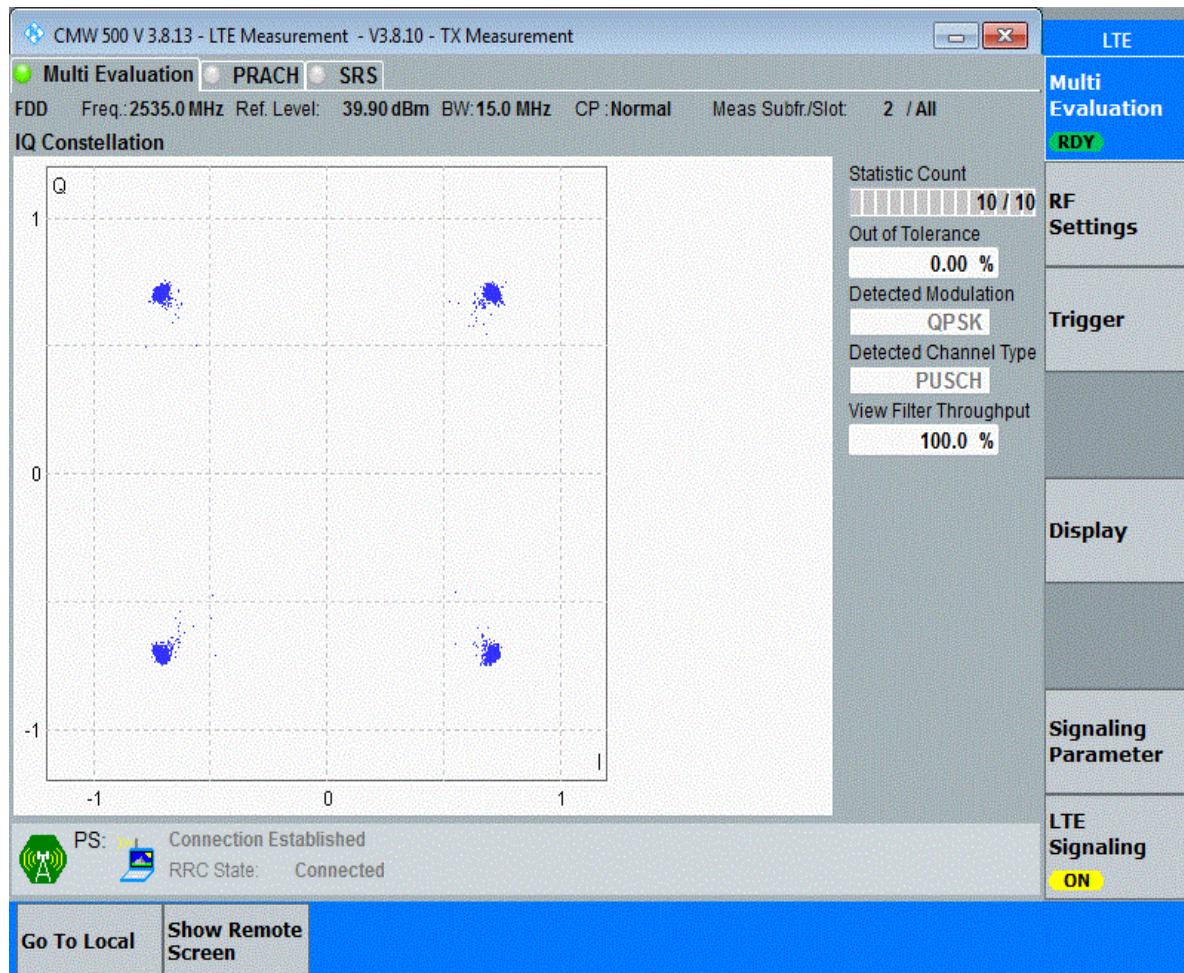
Test Channel = MCH

Test RB = RB50#0



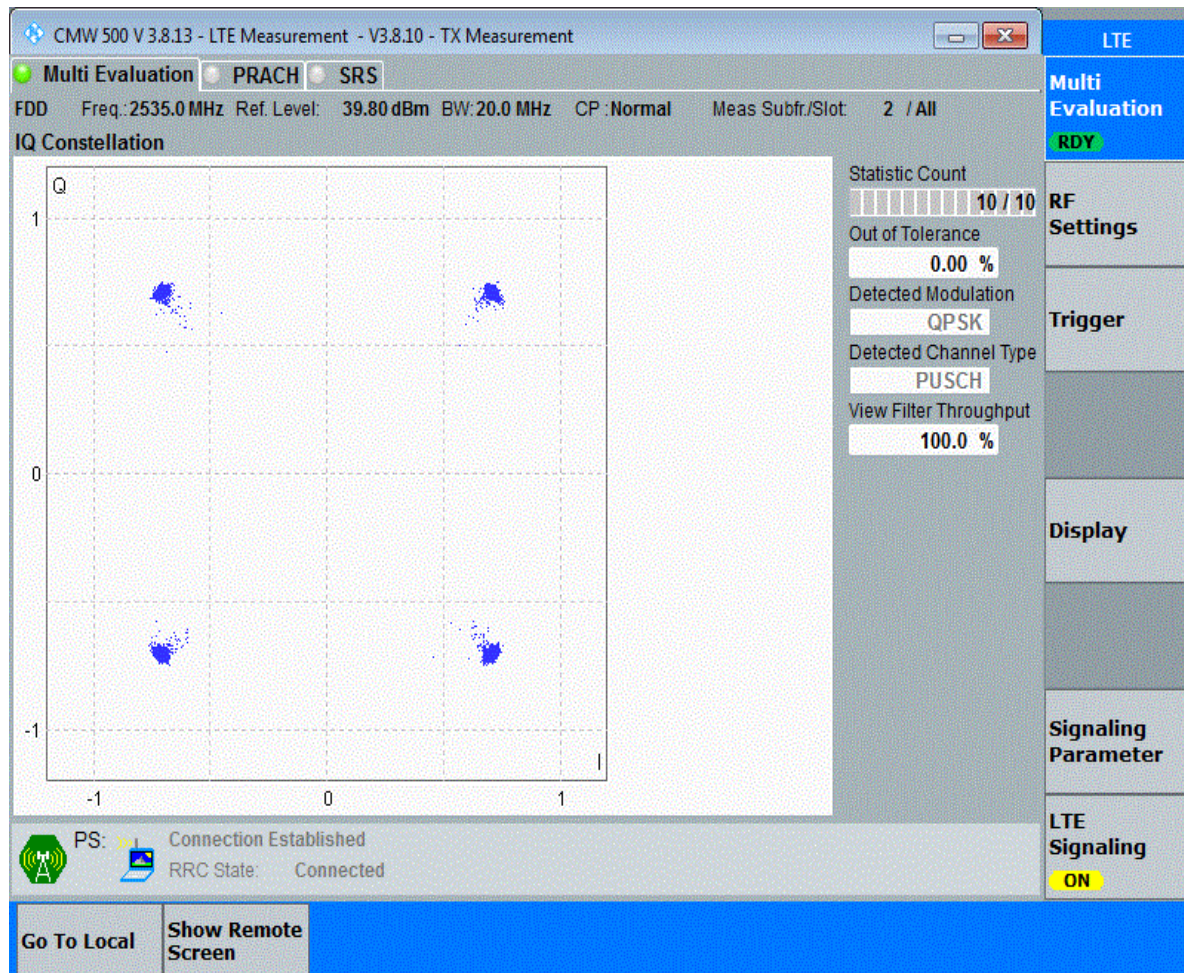
Test Channel = MCH

Test RB = RB75#0



Test Channel = MCH

Test RB = RB100#0

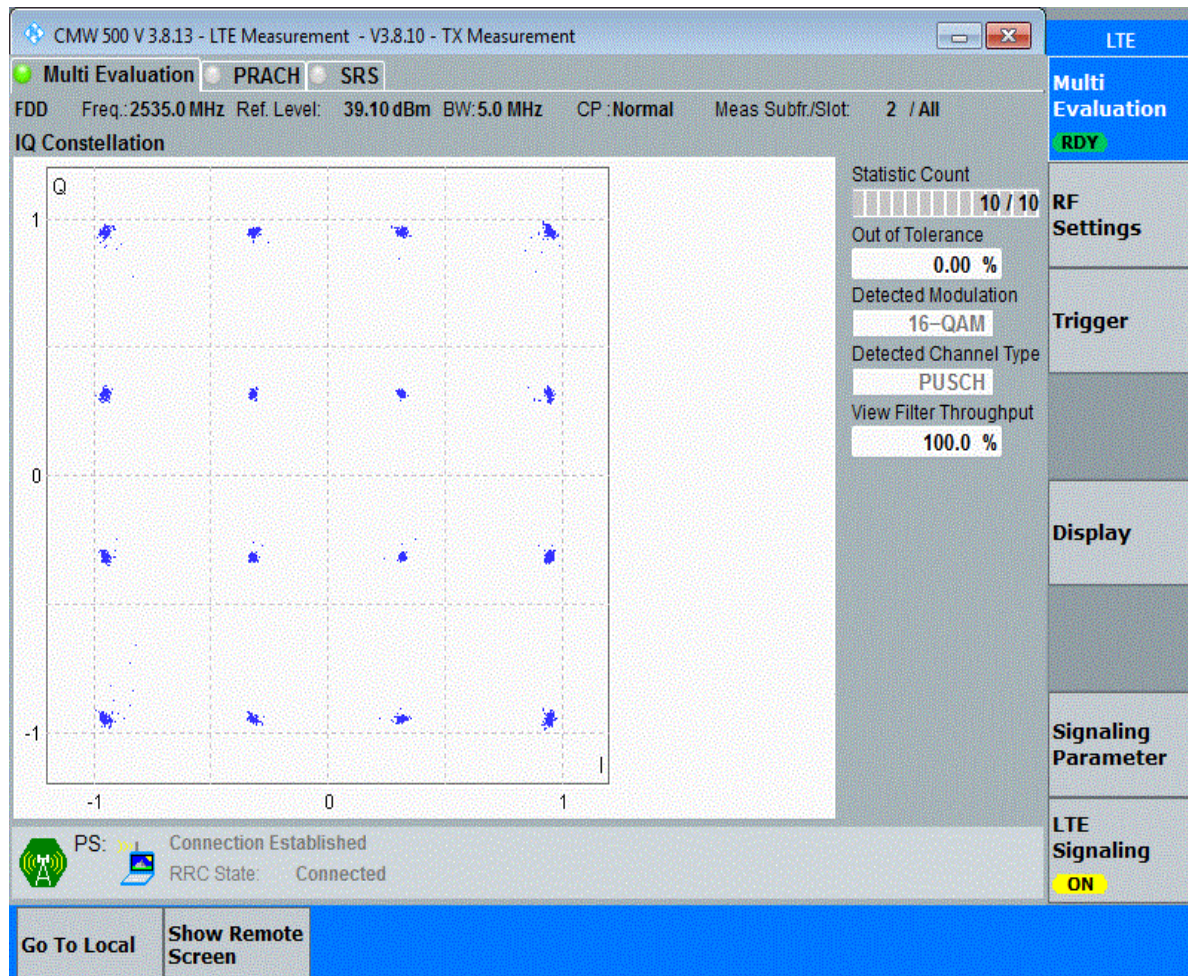


Test Mode = LTE/TM2

Test Bandwidth = 5MHz

Test Channel = MCH

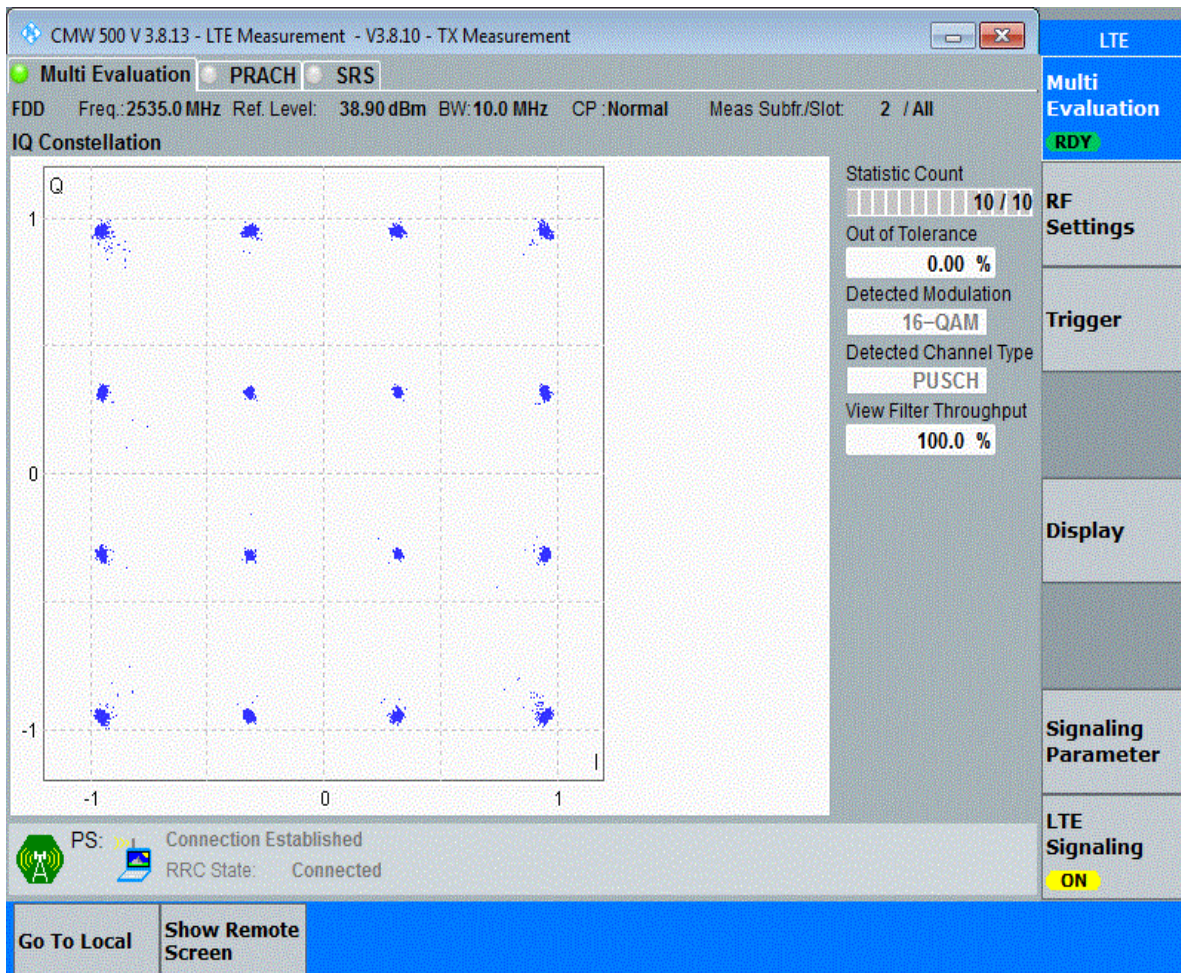
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

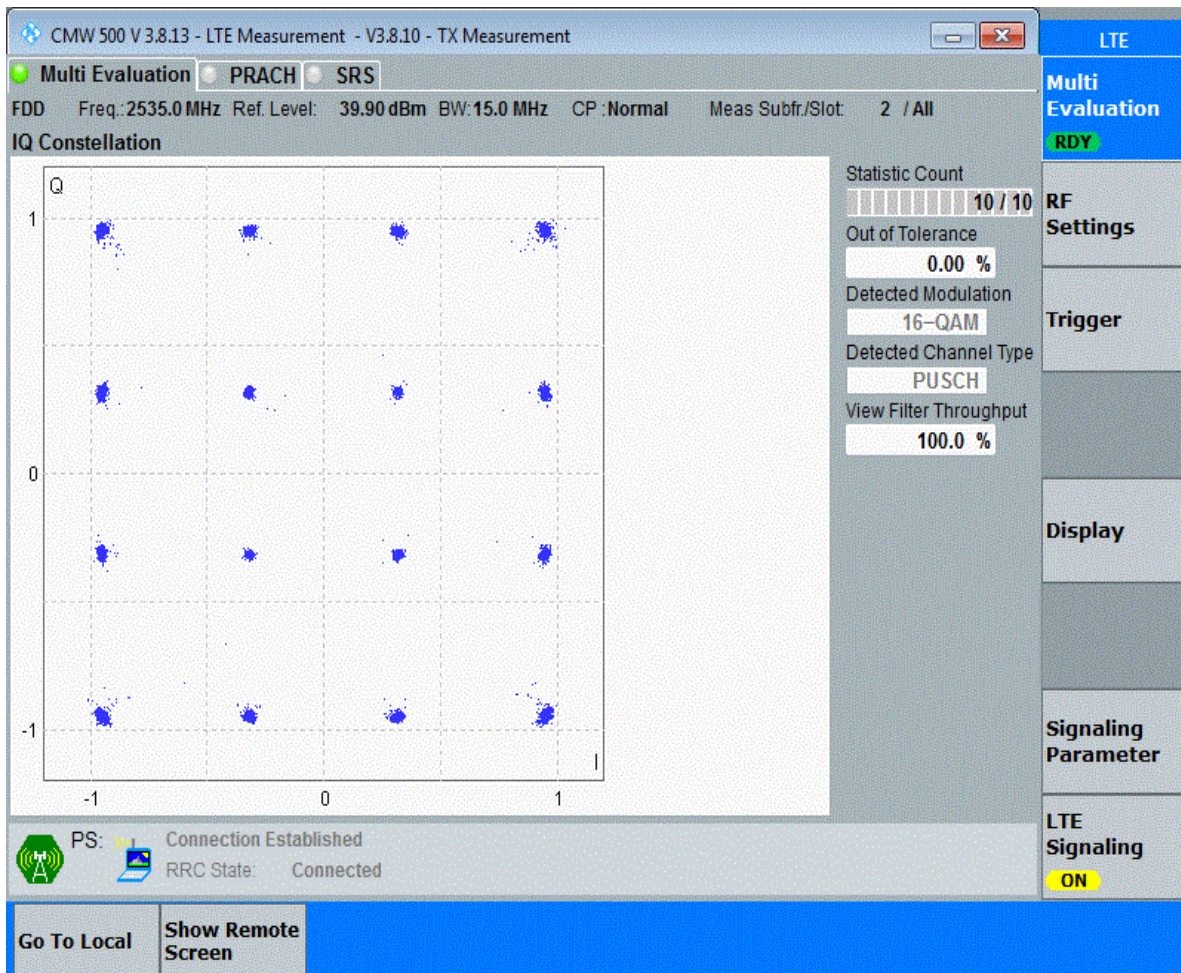
Test RB = RB50#0



Test Bandwidth = 15MHz

Test Channel = MCH

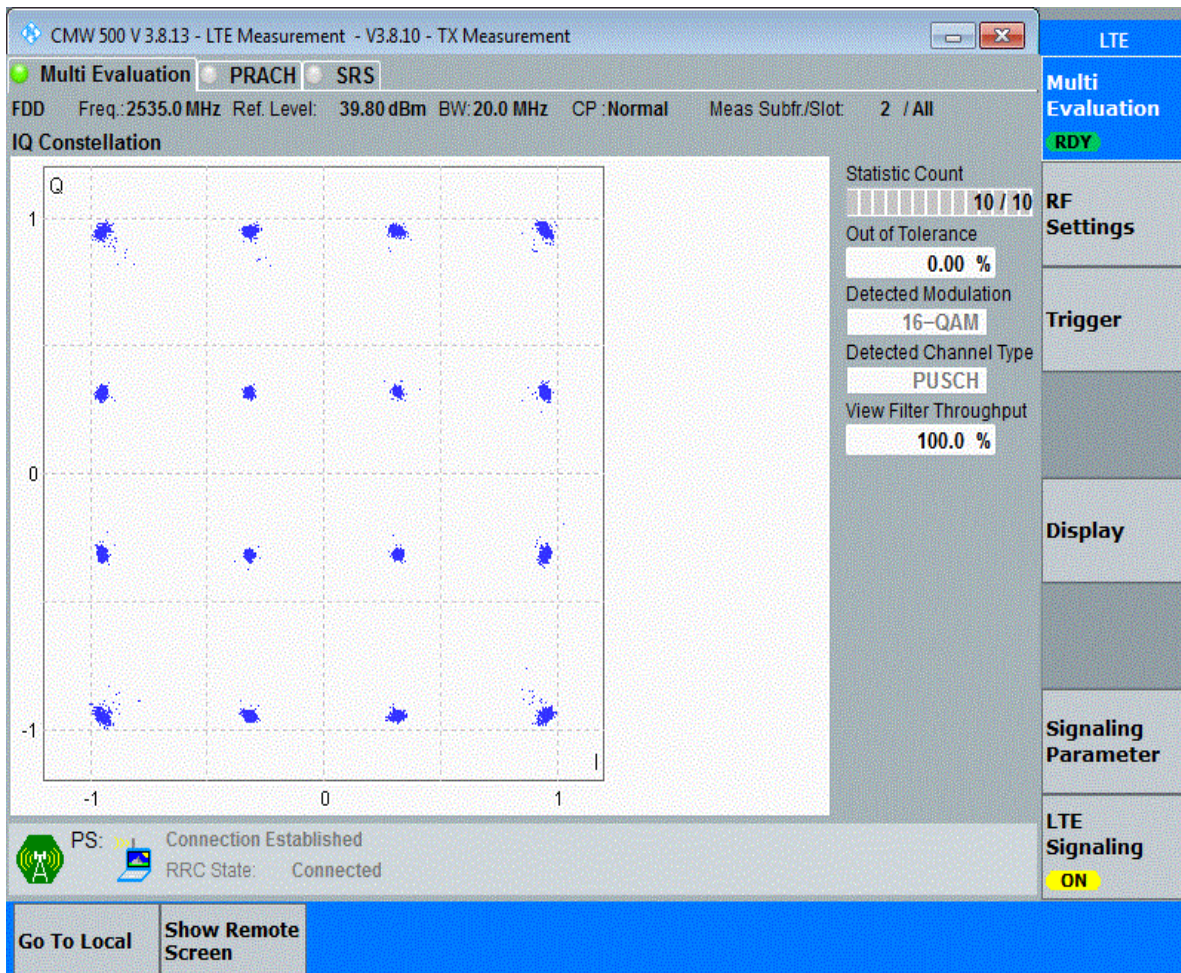
Test RB = RB75#0



Test Bandwidth = 20MHz

Test Channel = MCH

Test RB = RB100#0



Appendix D: Bandwidth

Test Results

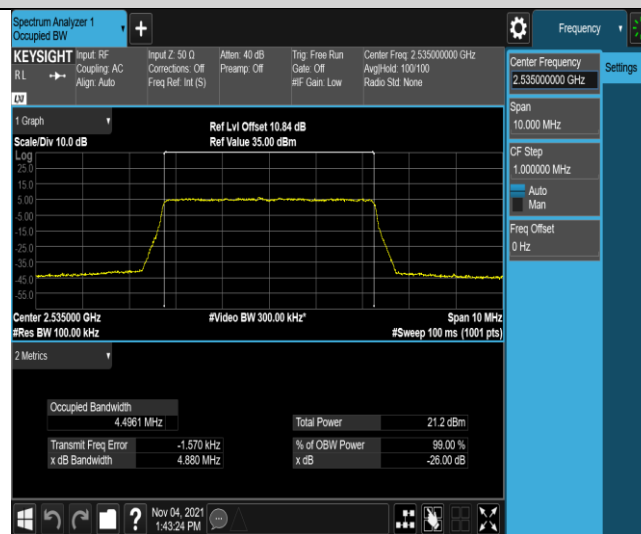
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4994	4.898	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4961	4.880	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4999	4.854	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5014	4.862	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4969	4.891	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5094	4.861	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9574	9.535	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9655	9.533	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9489	9.541	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9562	9.553	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9537	9.529	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9481	9.508	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.439	14.28	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.430	14.30	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.431	14.24	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.430	14.23	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.421	14.27	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.415	14.22	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.909	18.93	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.892	18.98	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.888	18.94	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.899	18.93	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.886	18.93	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.882	18.94	PASS

Test Plots

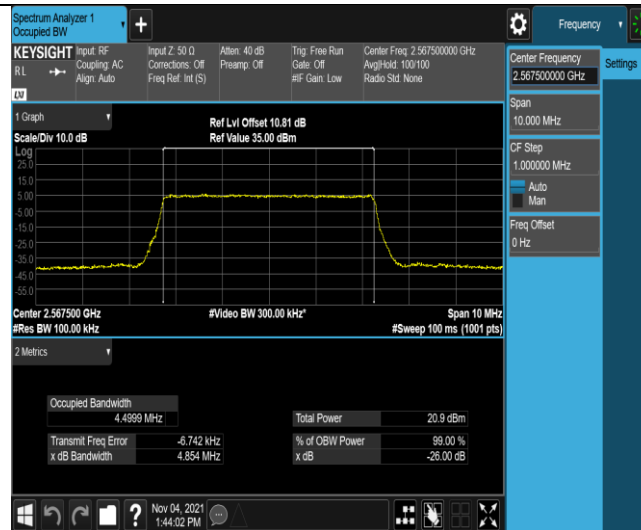
Band7-5MHz-QPSK-20775-25RB#0



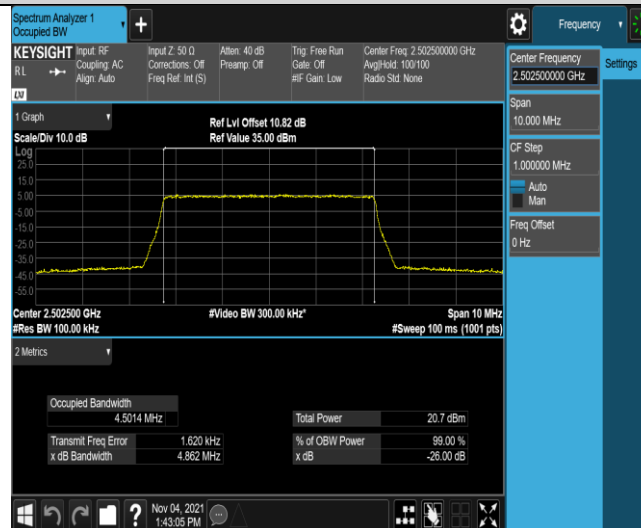
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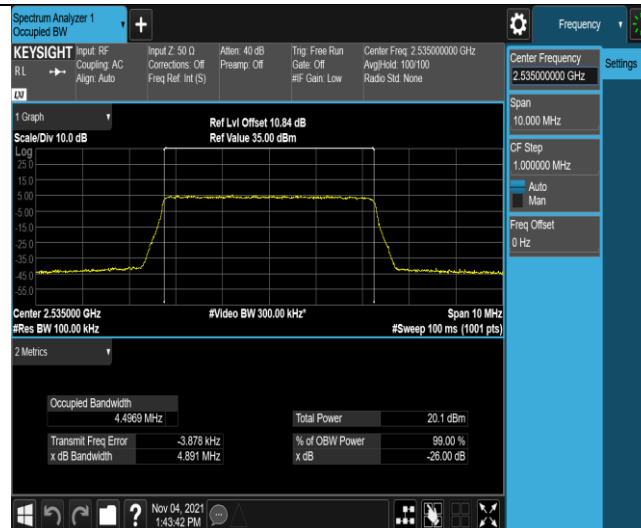
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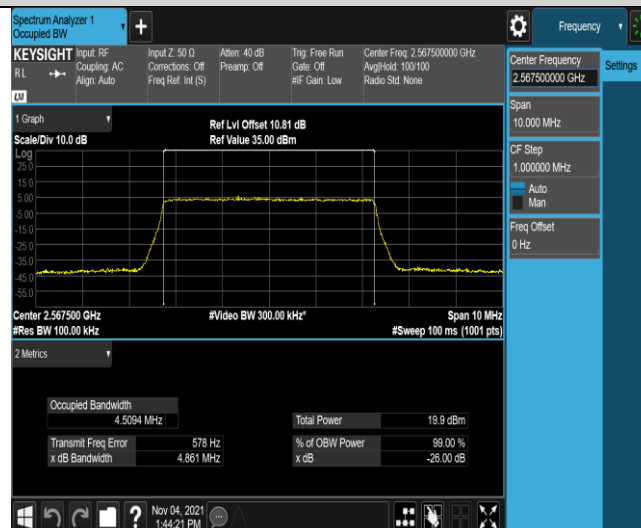
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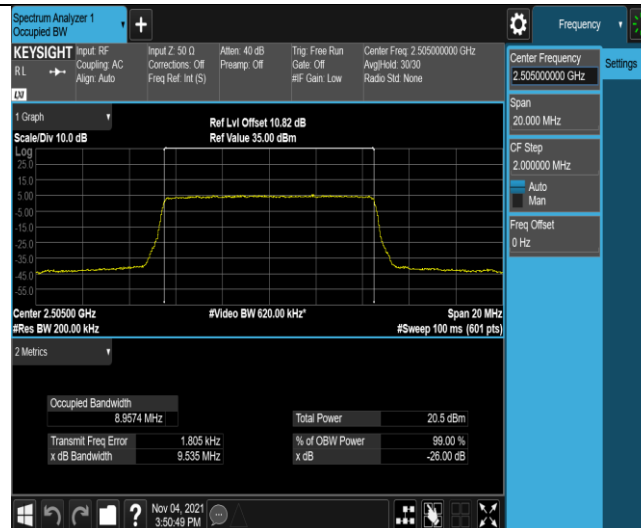
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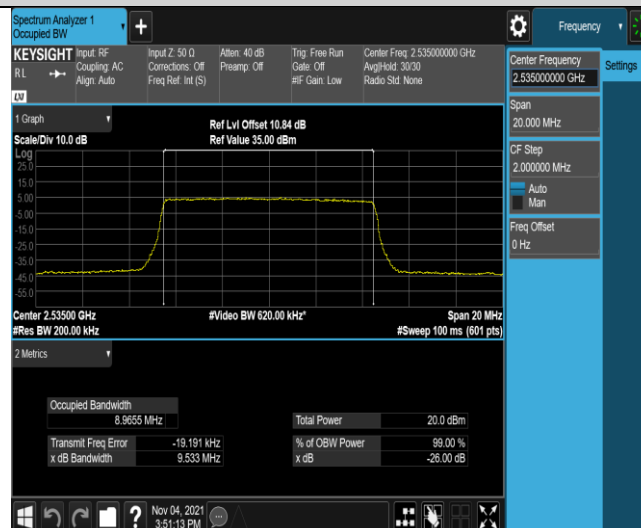
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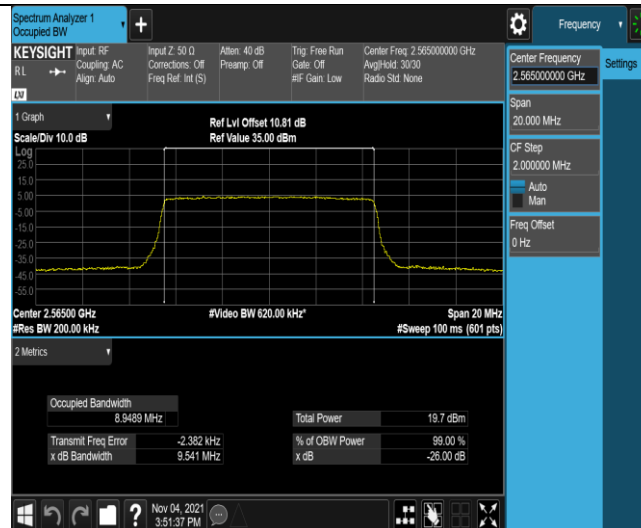
Band7-10MHz-QPSK-20800-50RB#0



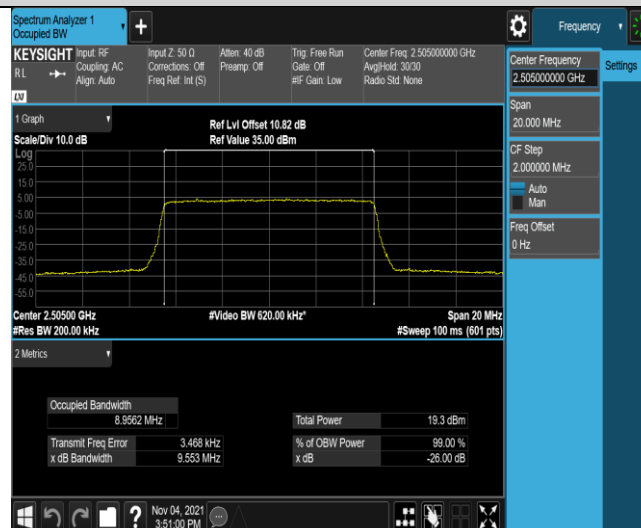
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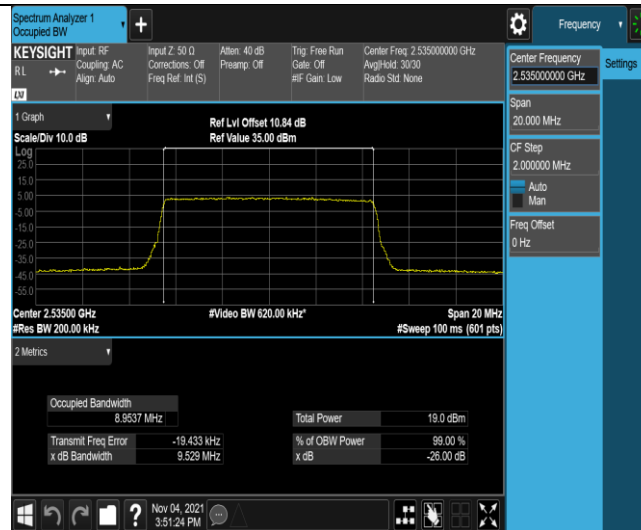
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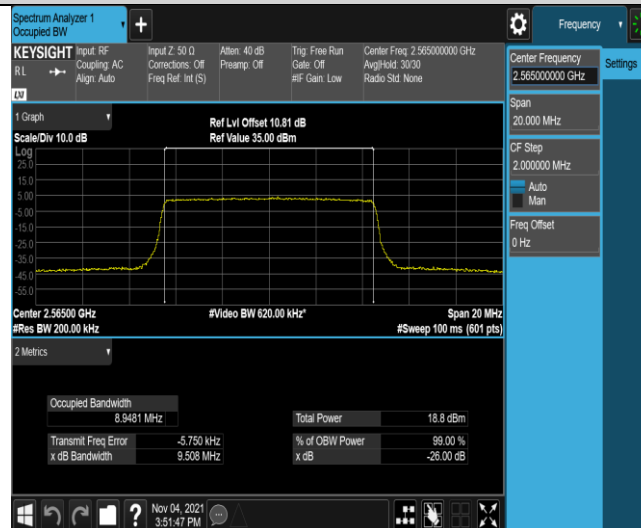
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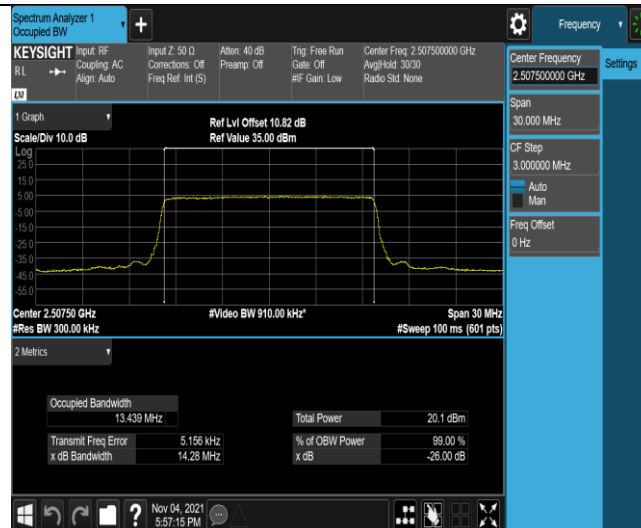
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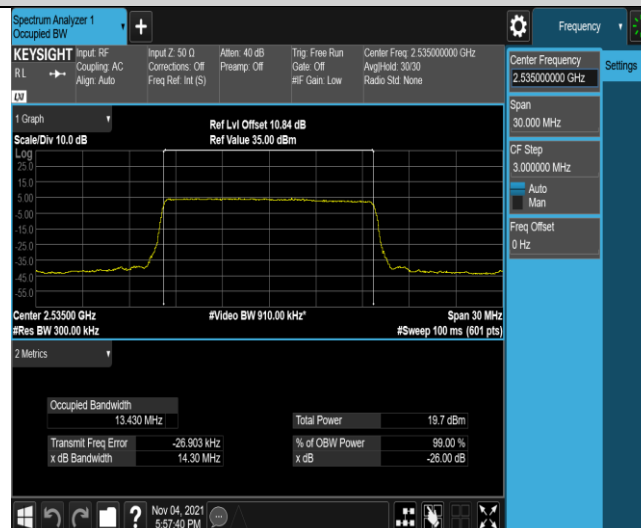
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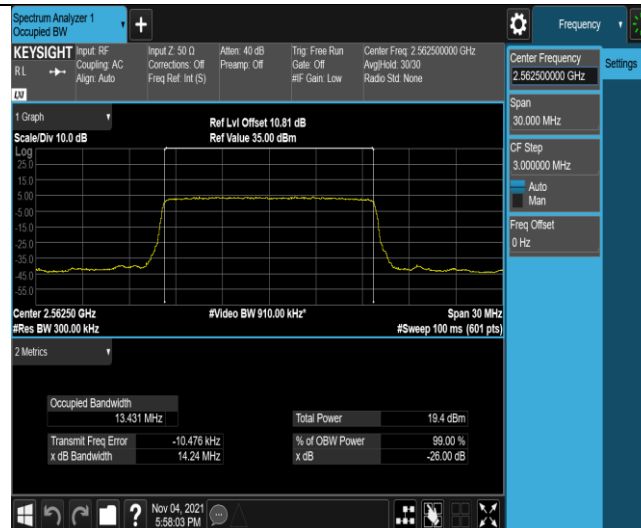
Band7-15MHz-QPSK-20825-75RB#0



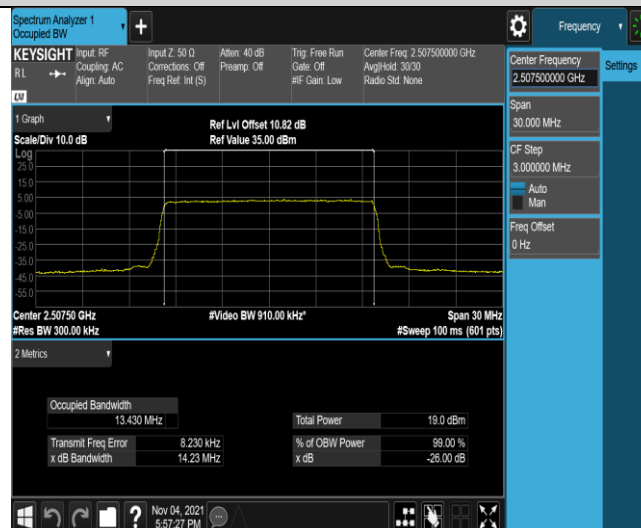
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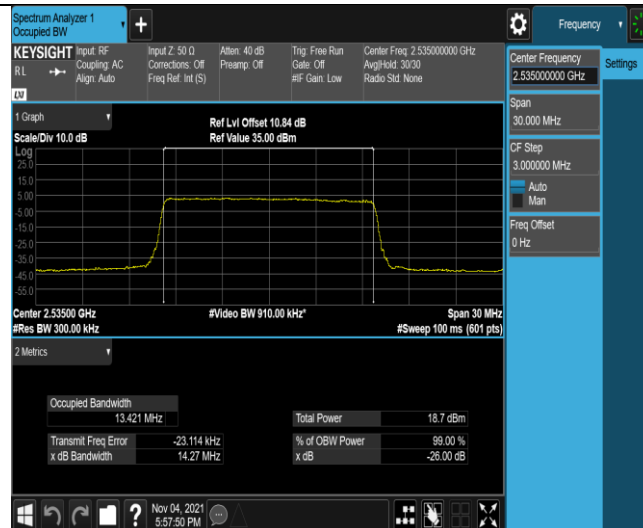
Band7-15MHz-QPSK-21375-75RB#0



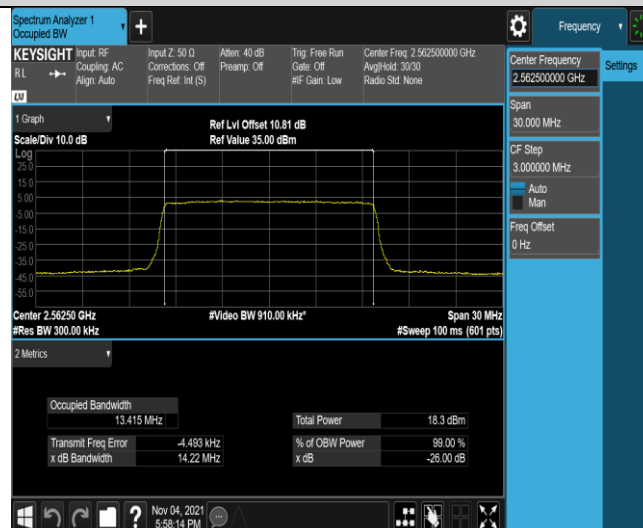
Band7-15MHz-16QAM-20825-75RB#0



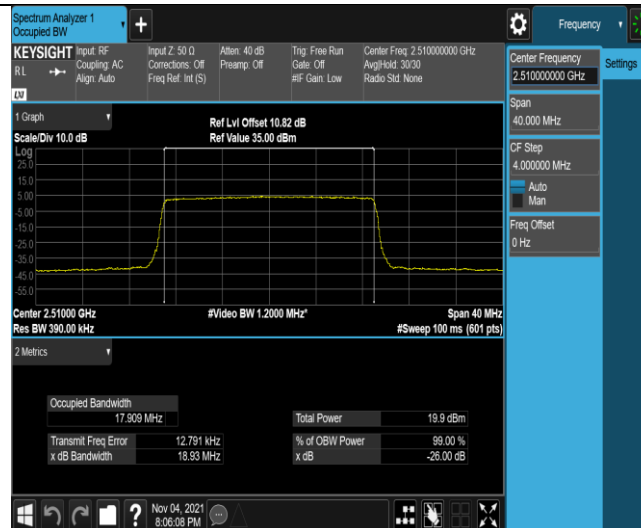
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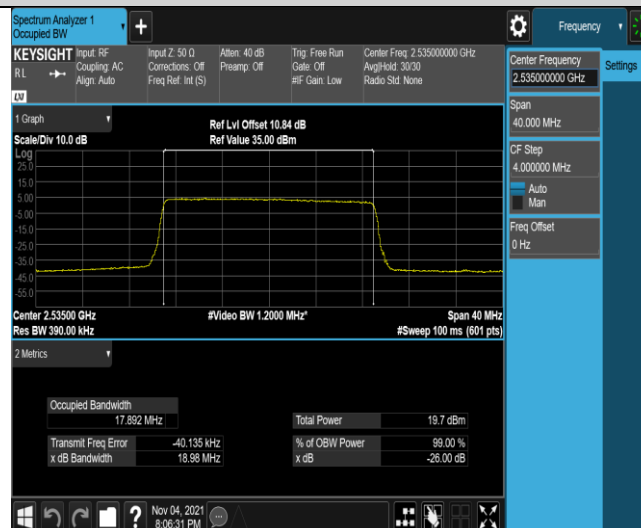
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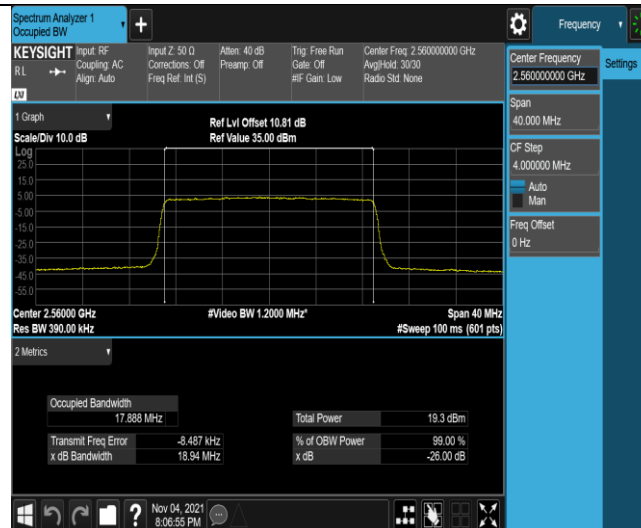
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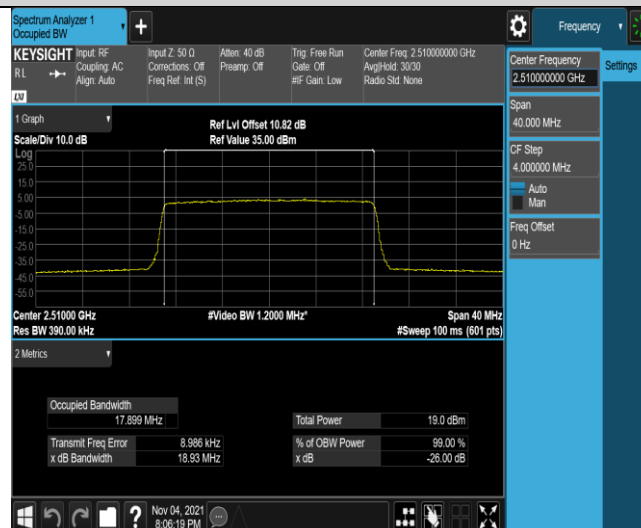
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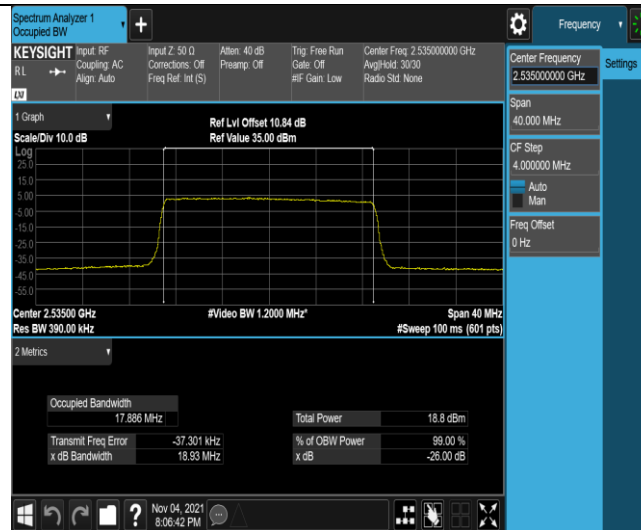
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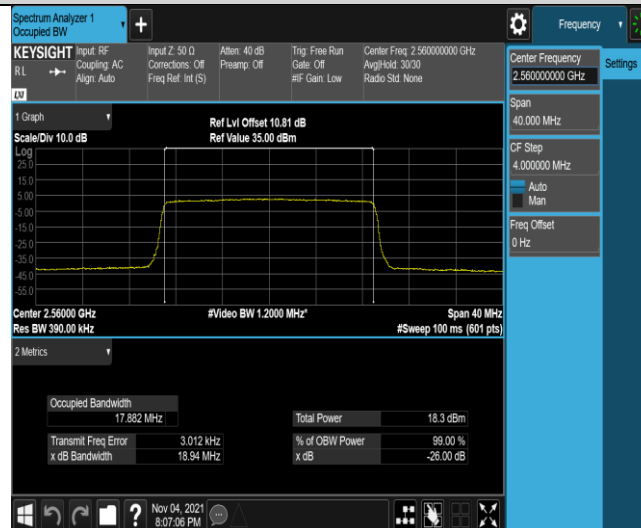
Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



Appendix E: Band Edges Compliance

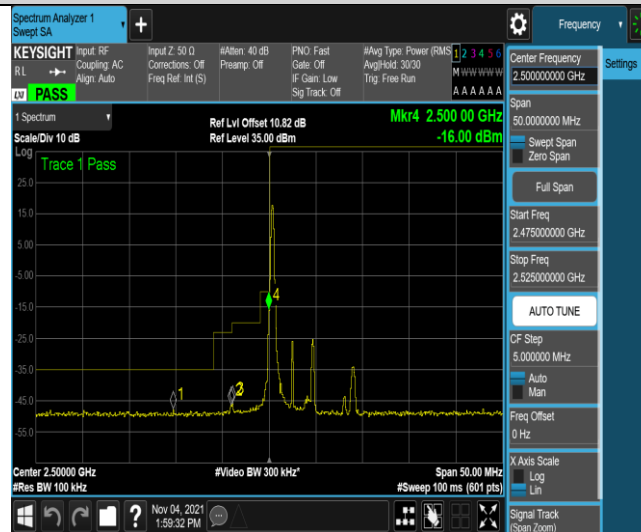
Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-48.03,-46.52,-46.20,-16.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	-48.27,-41.80,-41.80,-48.50	PASS
Band7	5MHz	QPSK	20775	25RB#0	-46.43,-45.43,-42.62,-27.03	PASS
Band7	5MHz	QPSK	21425	1RB#0	-47.78,-34.46,-48.06,-47.93	PASS
Band7	5MHz	QPSK	21425	1RB#24	-16.95,-41.72,-48.07,-47.69	PASS
Band7	5MHz	QPSK	21425	25RB#0	-27.30,-39.53,-45.20,-46.01	PASS
Band7	5MHz	16QAM	20775	1RB#0	-48.04,-45.56,-45.56,-17.24	PASS
Band7	5MHz	16QAM	20775	1RB#24	-47.98,-42.07,-42.07,-48.02	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.24,-46.08,-42.59,-25.48	PASS
Band7	5MHz	16QAM	21425	1RB#0	-47.21,-36.98,-48.13,-47.81	PASS
Band7	5MHz	16QAM	21425	1RB#24	-17.05,-42.81,-47.69,-47.76	PASS
Band7	5MHz	16QAM	21425	25RB#0	-26.61,-39.80,-46.26,-46.81	PASS
Band7	10MHz	QPSK	20800	1RB#0	-45.95,-43.32,-44.78,-24.74	PASS
Band7	10MHz	QPSK	20800	1RB#49	-46.13,-32.44,-46.10,-44.43	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.63,-42.80,-39.99,-28.91	PASS
Band7	10MHz	QPSK	21400	1RB#0	-45.45,-45.62,-39.65,-45.76	PASS
Band7	10MHz	QPSK	21400	1RB#49	-23.98,-43.88,-40.60,-45.82	PASS
Band7	10MHz	QPSK	21400	50RB#0	-30.77,-40.86,-43.13,-44.93	PASS
Band7	10MHz	16QAM	20800	1RB#0	-46.01,-41.13,-44.48,-24.29	PASS
Band7	10MHz	16QAM	20800	1RB#49	-45.85,-32.94,-46.26,-44.69	PASS
Band7	10MHz	16QAM	20800	50RB#0	-44.93,-43.12,-41.51,-32.55	PASS
Band7	10MHz	16QAM	21400	1RB#0	-45.38,-45.66,-38.96,-45.88	PASS
Band7	10MHz	16QAM	21400	1RB#49	-22.34,-44.51,-40.80,-45.38	PASS
Band7	10MHz	16QAM	21400	50RB#0	-32.21,-41.61,-43.76,-45.27	PASS
Band7	15MHz	QPSK	20825	1RB#0	-42.41,-44.48,-42.79,-22.47	PASS
Band7	15MHz	QPSK	20825	1RB#74	-34.73,-44.55,-44.70,-44.14	PASS
Band7	15MHz	QPSK	20825	75RB#0	-43.24,-41.51,-37.33,-32.57	PASS
Band7	15MHz	QPSK	21375	1RB#0	-43.89,-44.47,-40.27,-44.49	PASS
Band7	15MHz	QPSK	21375	1RB#74	-23.41,-43.39,-42.54,-44.24	PASS
Band7	15MHz	QPSK	21375	75RB#0	-33.00,-39.63,-41.24,-44.58	PASS
Band7	15MHz	16QAM	20825	1RB#0	-42.18,-44.35,-43.18,-24.91	PASS
Band7	15MHz	16QAM	20825	1RB#74	-35.29,-44.64,-44.81,-43.52	PASS
Band7	15MHz	16QAM	20825	75RB#0	-43.32,-41.59,-38.95,-33.97	PASS
Band7	15MHz	16QAM	21375	1RB#0	-43.65,-44.36,-39.93,-44.71	PASS
Band7	15MHz	16QAM	21375	1RB#74	-23.50,-43.89,-42.69,-44.35	PASS
Band7	15MHz	16QAM	21375	75RB#0	-35.30,-41.69,-42.56,-44.13	PASS
Band7	20MHz	QPSK	20850	1RB#0	-42.85,-43.64,-42.45,-25.25	PASS
Band7	20MHz	QPSK	20850	1RB#99	-40.12,-43.52,-43.82,-43.81	PASS
Band7	20MHz	QPSK	20850	100RB#0	-42.28,-41.41,-40.28,-36.24	PASS
Band7	20MHz	QPSK	21350	1RB#0	-43.21,-43.25,-40.24,-43.46	PASS
Band7	20MHz	QPSK	21350	1RB#99	-26.12,-41.85,-41.63,-43.28	PASS
Band7	20MHz	QPSK	21350	100RB#0	-36.60,-41.11,-42.14,-43.53	PASS

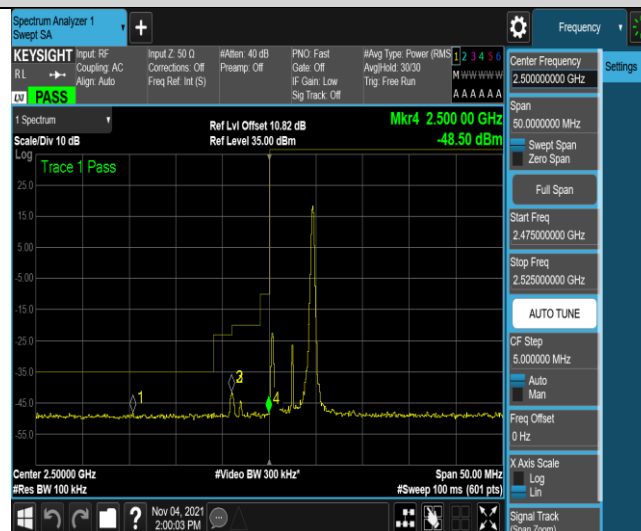
Total Quality. Assured.

Band7	20MHz	16QAM	20850	1RB#0	-42.58,-43.55,-42.56,-26.05	PASS
Band7	20MHz	16QAM	20850	1RB#99	-41.21,-43.64,-43.67,-43.72	PASS
Band7	20MHz	16QAM	20850	100RB#0	-42.38,-41.34,-40.50,-36.59	PASS
Band7	20MHz	16QAM	21350	1RB#0	-43.37,-43.02,-40.94,-43.54	PASS
Band7	20MHz	16QAM	21350	1RB#99	-25.89,-42.31,-41.44,-43.45	PASS
Band7	20MHz	16QAM	21350	100RB#0	-37.14,-41.22,-41.89,-43.48	PASS

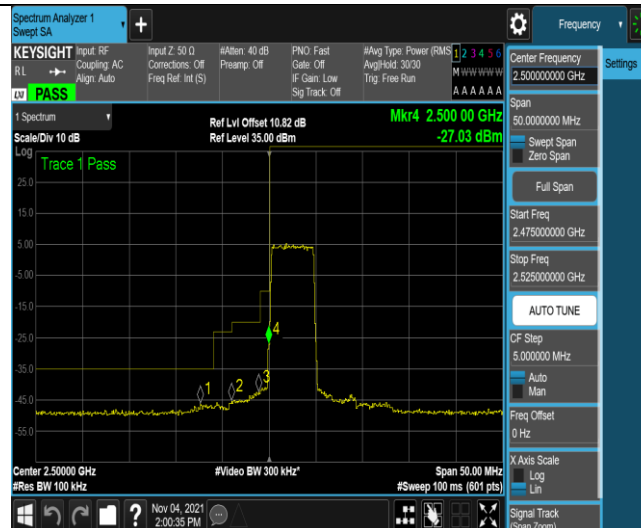
Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-1RB#24



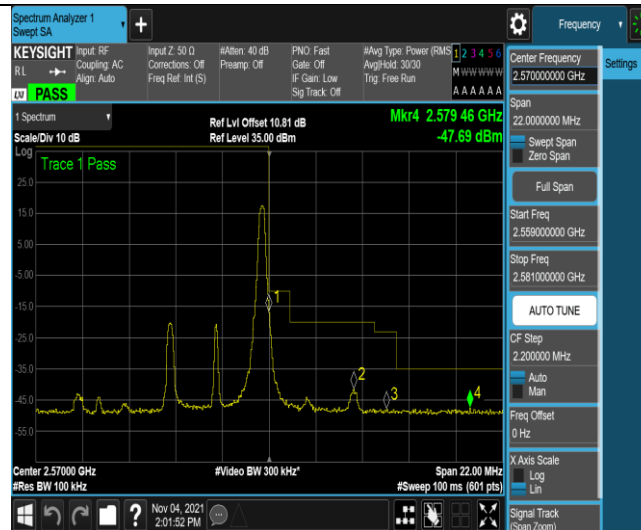
Band7-5MHz-QPSK-20775-25RB#0



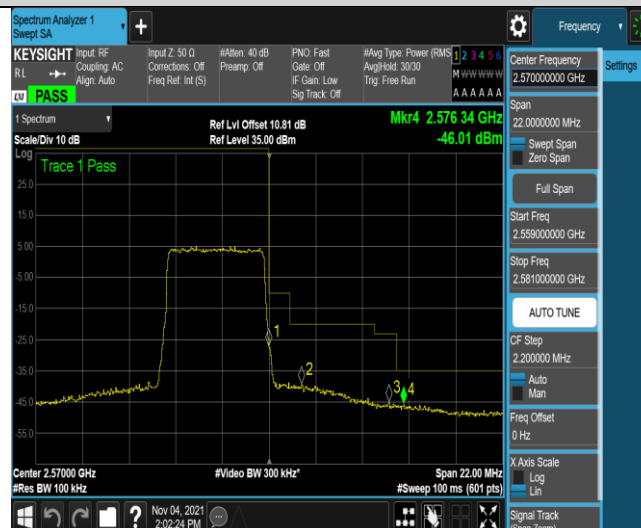
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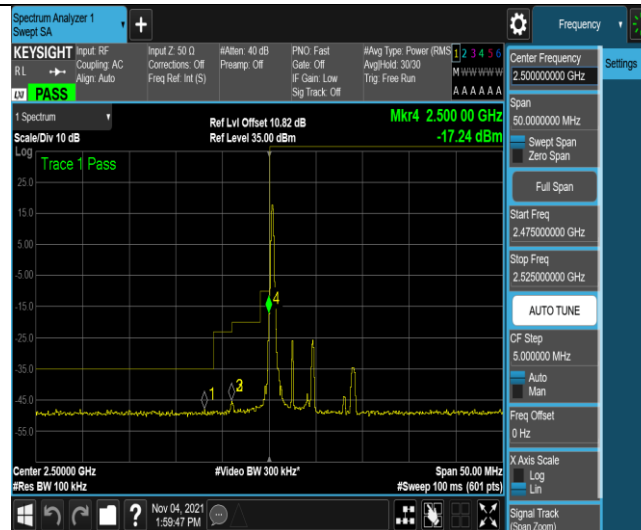
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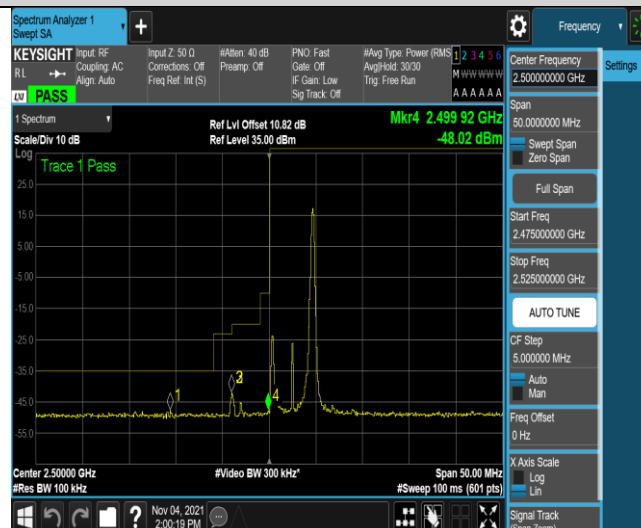
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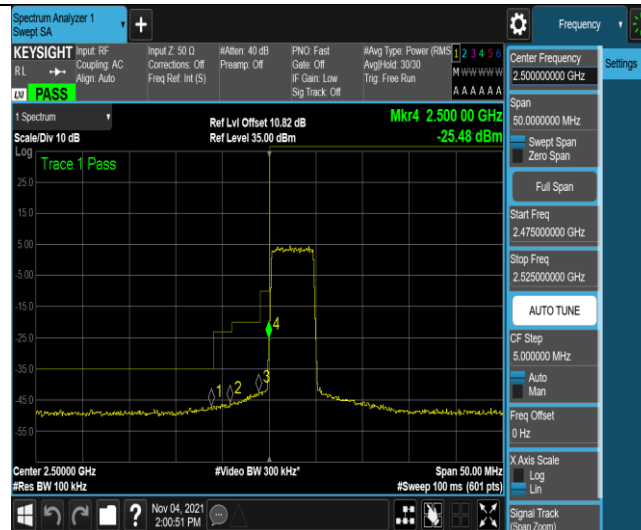
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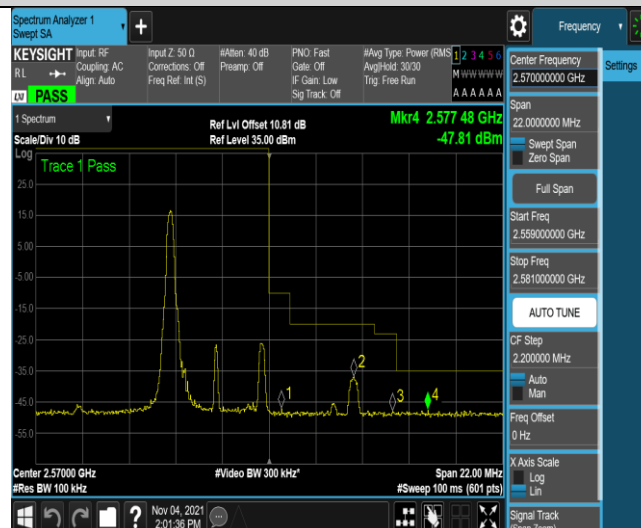
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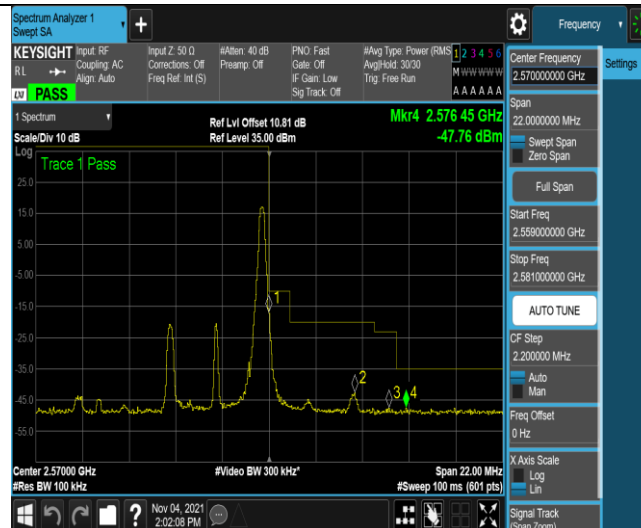
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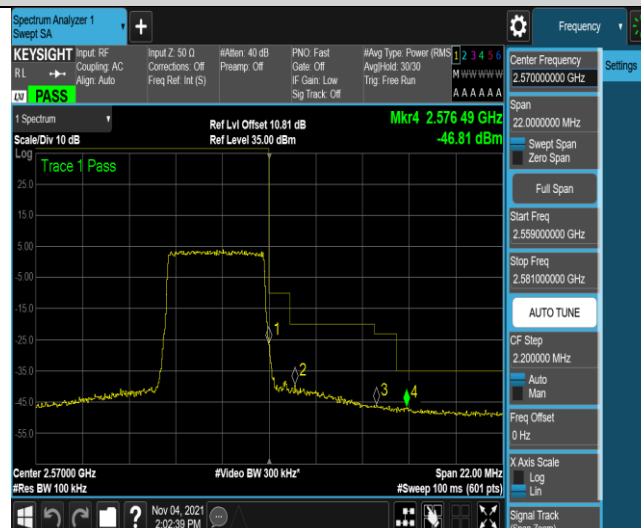
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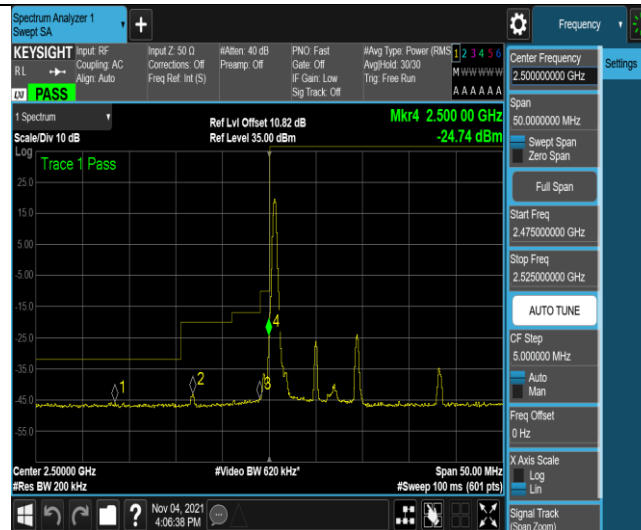
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Band7-5MHz-16QAM-21425-25RB#0



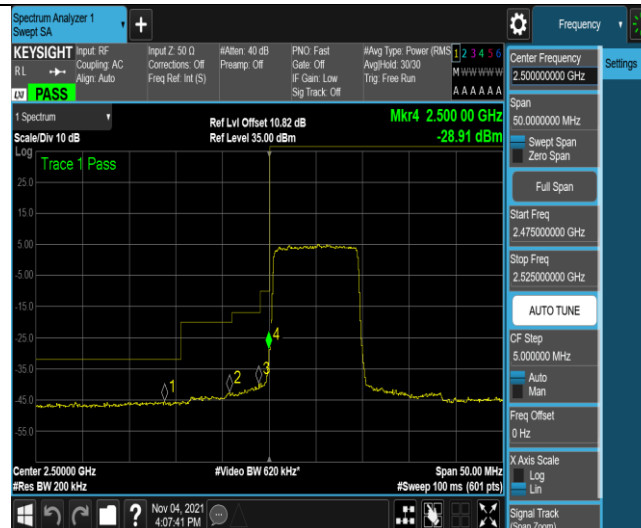
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Band7-10MHz-QPSK-20800-1RB#49



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21400-1RB#0



Band7-10MHz-QPSK-21400-1RB#49