

Appendix for LTE B41 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
Band41	5MHz	QPSK	39675	1RB#0	21.36	26.15	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.36	27.15	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.32	27.11	33	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.46	26.25	33	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.45	26.24	33	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.40	26.19	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.27	26.06	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.01	26.8	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.23	27.02	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.08	26.87	33	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.21	26	33	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.15	25.94	33	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.20	25.99	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.21	26	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.93	26.72	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.93	26.72	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.89	26.68	33	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.08	25.87	33	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.03	25.82	33	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.93	25.72	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.95	25.74	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.04	25.83	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.28	26.07	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.94	25.73	33	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.47	25.26	33	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.17	24.96	33	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.40	25.19	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.60	25.39	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.81	25.6	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.91	25.7	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.63	25.42	33	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.05	24.84	33	PASS

Total Quality. Assured.

Band41	5MHz	16QAM	40620	12RB#6	20.08	24.87	33	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.13	24.92	33	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.24	25.03	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.67	25.46	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.68	25.47	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.86	25.65	33	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.97	24.76	33	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.97	24.76	33	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.02	24.81	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.20	24.99	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.24	27.03	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.26	27.05	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.26	27.05	33	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.41	26.2	33	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.14	25.93	33	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.31	26.1	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.15	25.94	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.01	26.8	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.16	26.95	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.02	26.81	33	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.16	25.95	33	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.08	25.87	33	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.15	25.94	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.17	25.96	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.91	26.7	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.01	26.8	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.99	26.78	33	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.19	25.98	33	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.20	25.99	33	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.12	25.91	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.20	25.99	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.16	25.95	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.17	25.96	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.21	26	33	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.41	25.2	33	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.14	24.93	33	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.21	25	33	PASS

Total Quality. Assured.

Band41	10MHz	16QAM	39700	50RB#0	20.16	24.95	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	20.88	25.67	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.65	26.44	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.91	25.7	33	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.11	24.9	33	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.22	25.01	33	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.17	24.96	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.20	24.99	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	20.87	25.66	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.96	25.75	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.03	25.82	33	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.04	24.83	33	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.23	25.02	33	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.03	24.82	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.16	24.95	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.03	26.82	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.17	26.96	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.93	26.72	33	PASS
Band41	15MHz	QPSK	39725	38RB#0	21.04	25.83	33	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.04	25.83	33	PASS
Band41	15MHz	QPSK	39725	38RB#37	21.04	25.83	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.13	25.92	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.94	26.73	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.94	26.73	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.02	26.81	33	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.30	26.09	33	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.28	26.07	33	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.36	26.15	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.35	26.14	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.05	26.84	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.92	26.71	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.87	26.66	33	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.28	26.07	33	PASS
Band41	15MHz	QPSK	41515	38RB#18	21.28	26.07	33	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.26	26.05	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.33	26.12	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.99	25.78	33	PASS

Total Quality. Assured.

Band41	15MHz	16QAM	39725	1RB#38	21.12	25.91	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	20.99	25.78	33	PASS
Band41	15MHz	16QAM	39725	38RB#0	21.03	25.82	33	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.04	25.83	33	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.03	25.82	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.21	25	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.25	26.04	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.33	26.12	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.22	26.01	33	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.29	26.08	33	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.27	26.06	33	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.35	26.14	33	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.31	25.1	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.06	25.85	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.26	26.05	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.01	25.8	33	PASS
Band41	15MHz	16QAM	41515	38RB#0	21.29	26.08	33	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.27	26.06	33	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.34	26.13	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.33	25.12	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.18	26.97	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.59	27.38	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.02	26.81	33	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.13	25.92	33	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.13	25.92	33	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.30	26.09	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.12	25.91	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.17	26.96	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.53	27.32	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.17	26.96	33	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.20	25.99	33	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.24	26.03	33	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.30	26.09	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.23	26.02	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.07	26.86	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.18	26.97	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.93	26.72	33	PASS

Total Quality. Assured.

Band41	20MHz	QPSK	41490	50RB#0	21.23	26.02	33	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.18	25.97	33	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.13	25.92	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.30	26.09	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.62	26.41	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.89	26.68	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.49	26.28	33	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.42	25.21	33	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.41	25.2	33	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.34	25.13	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.25	25.04	33	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.83	26.62	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.08	26.87	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.81	26.6	33	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.27	25.06	33	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.30	25.09	33	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.33	25.12	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.25	25.04	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.55	26.34	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.58	26.37	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.59	26.38	33	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.32	25.11	33	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.40	25.19	33	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.24	25.03	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.32	25.11	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 41 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
Band41	5MHz	QPSK	39675	1RB#0	5.21	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.37	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	5.18	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.41	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	5.15	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.29	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.99	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.25	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.32	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.34	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	6.42	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.26	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	5.34	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.30	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	5.22	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.32	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.95	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.21	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	6.77	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.15	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	6.06	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.20	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	6.03	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.07	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	5.01	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.46	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.18	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.54	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.93	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.43	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	6.42	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.21	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	6.10	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.24	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	6.33	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.18	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	5.09	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.23	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	5.17	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.29	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	4.59	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.15	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.87	13	PASS

Total Quality. Assured.

Band41	20MHz	16QAM	39750	100RB#0	6.05	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	6.08	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.14	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.85	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.02	13	PASS

Appendix C: Modulation Characteristics

Test Plots

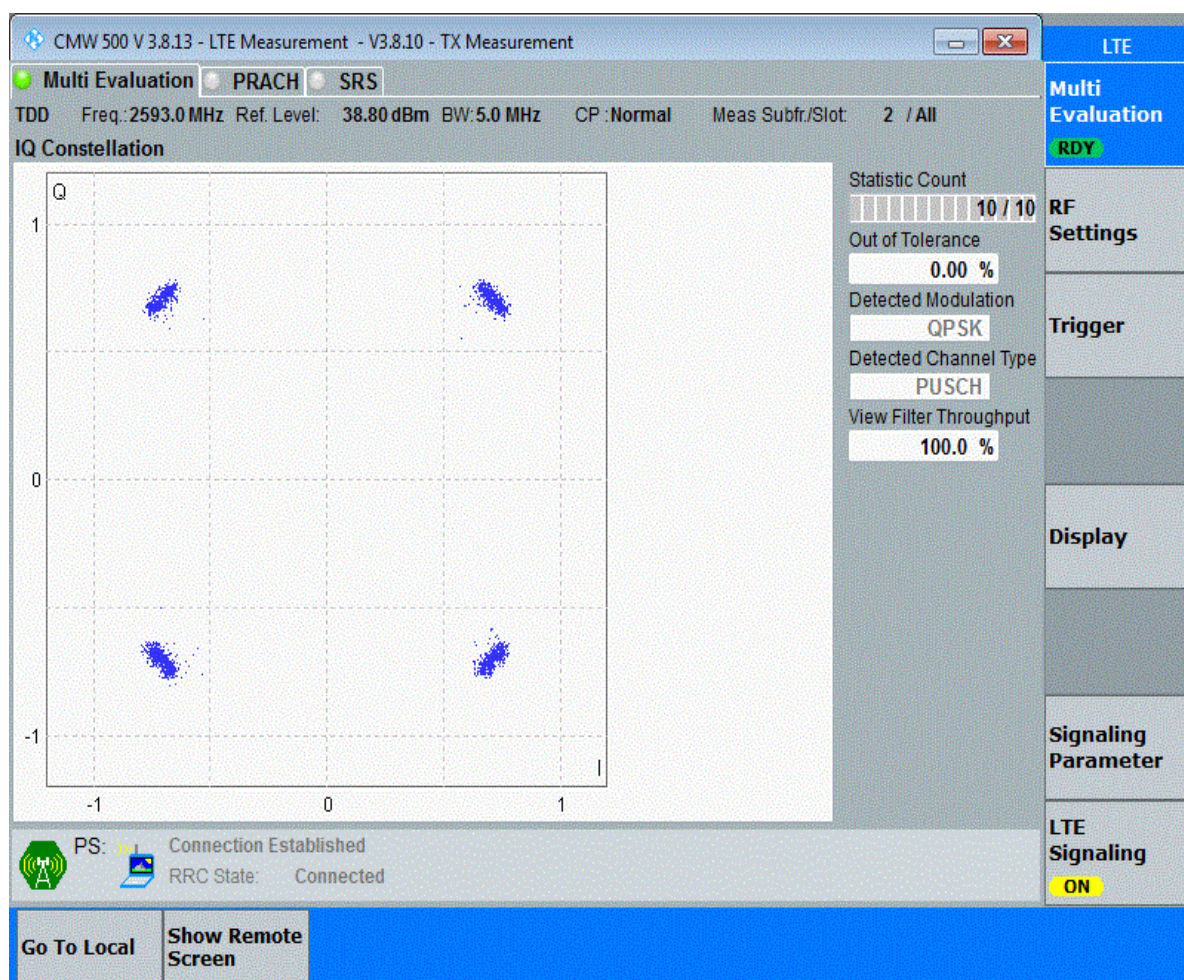
Test Band = BAND41

Test Mode = LTE/TM1

Test Bandwidth = 5MHz

Test Channel = MCH

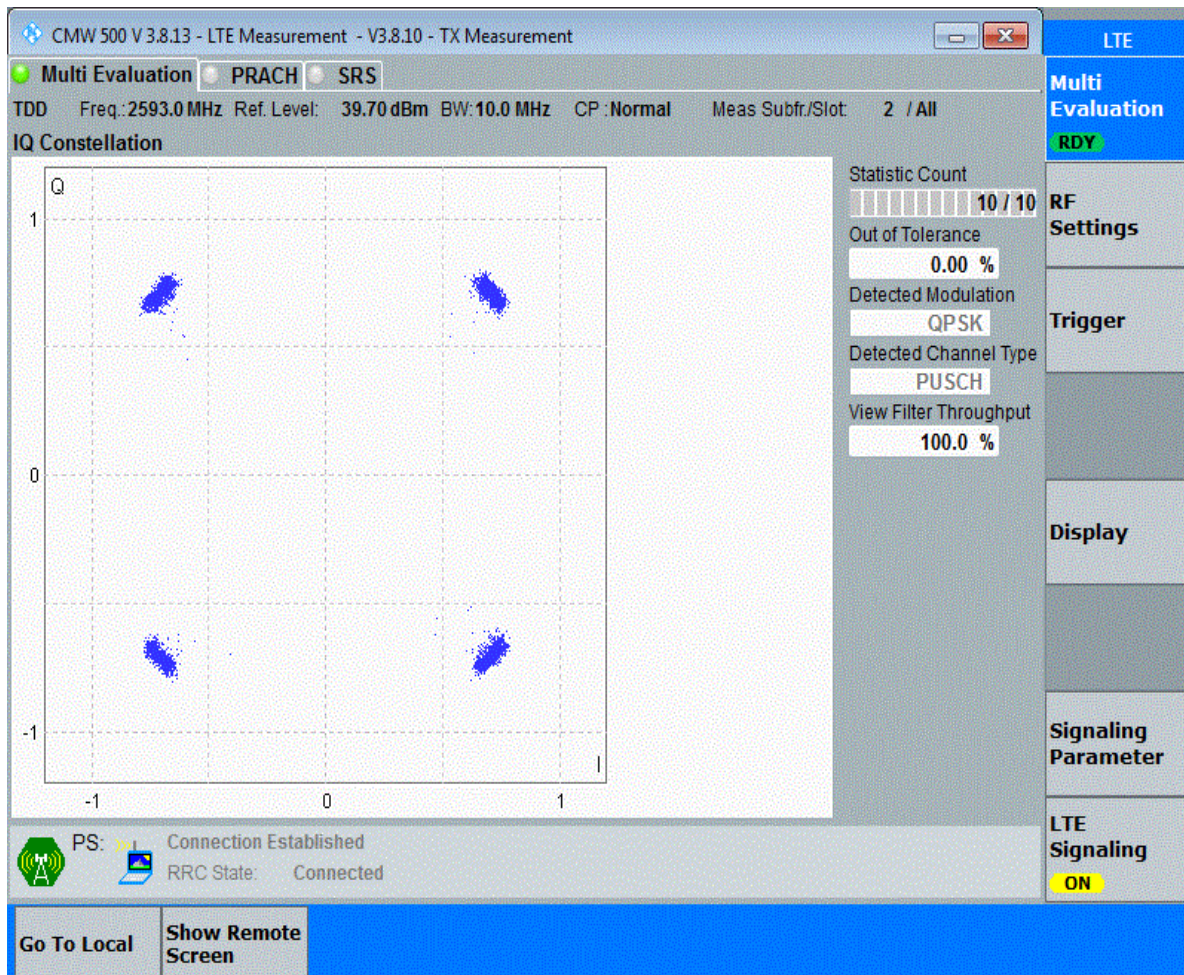
Test RB = RB25#0



Test Bandwidth = 10MHz

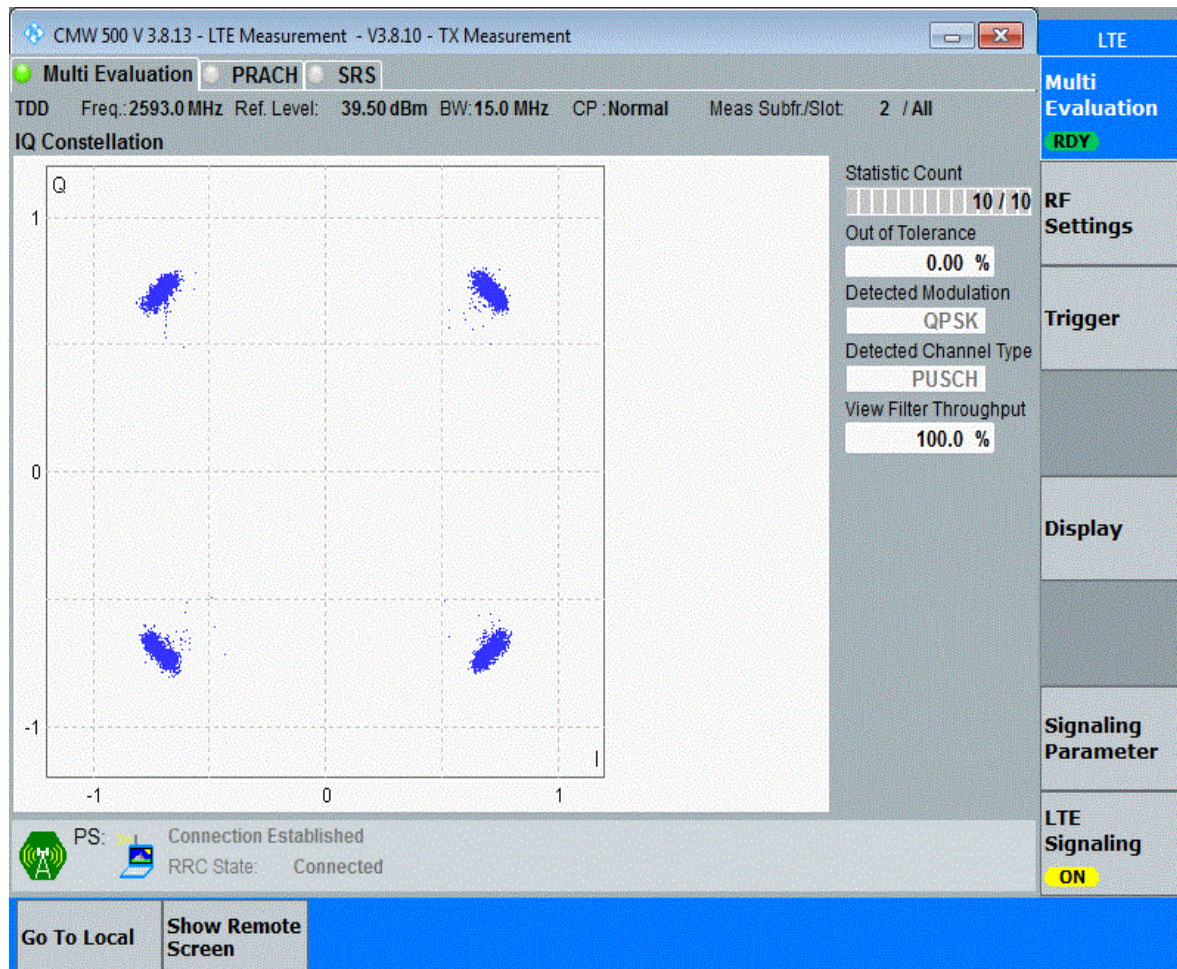
Test Channel = MCH

Test RB = RB50#0



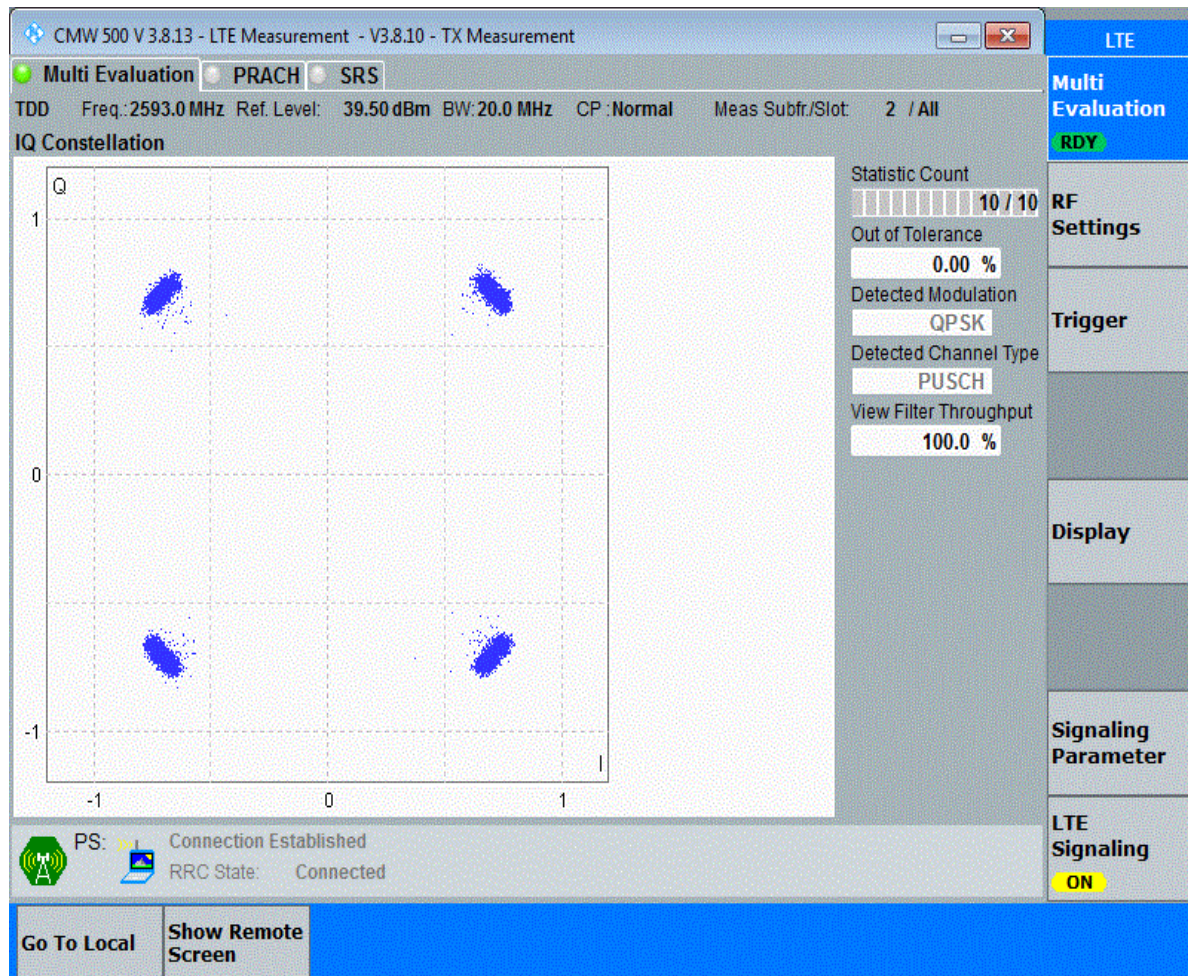
Test Channel = MCH

Test RB = RB75#0



Test Channel = MCH

Test RB = RB100#0

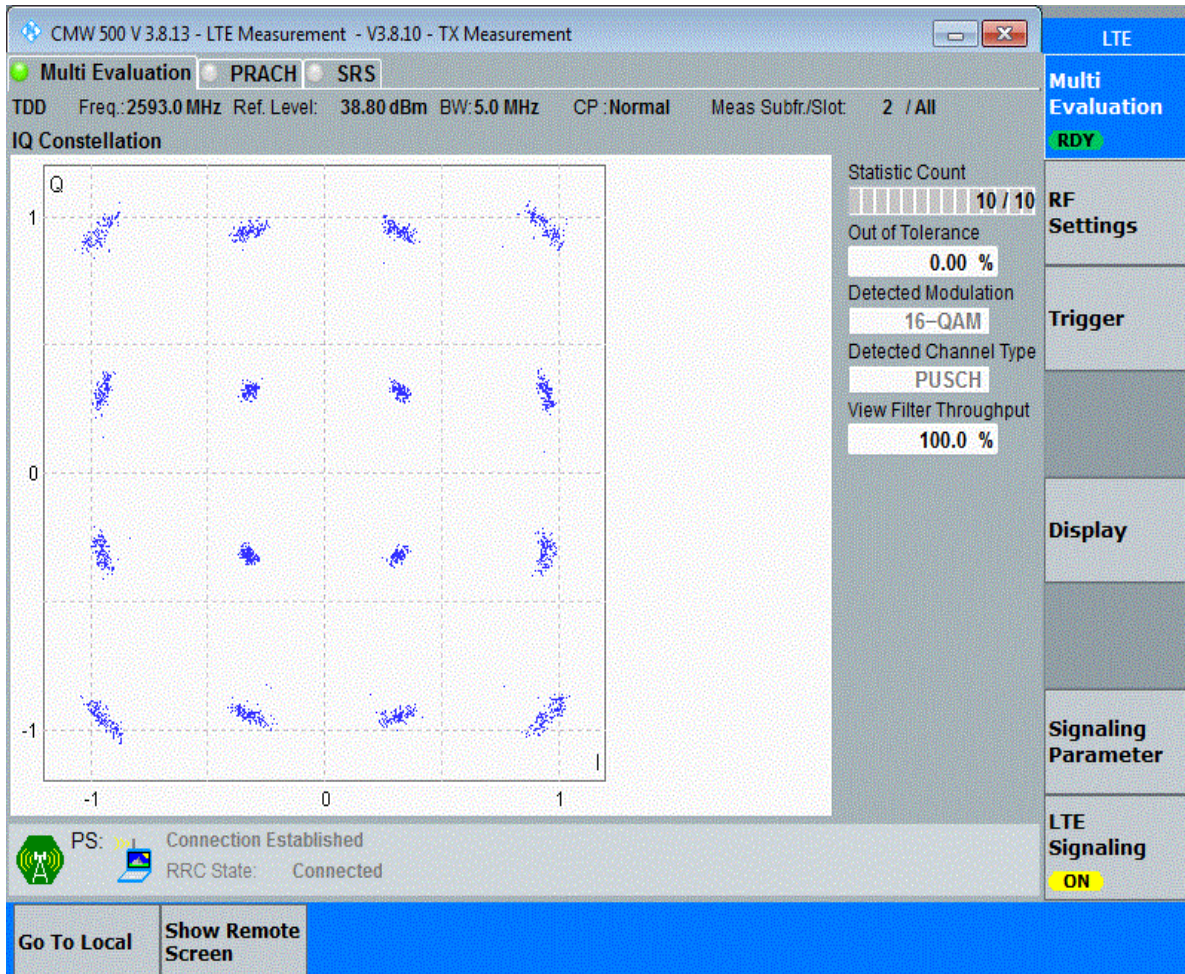


Test Mode = LTE/TM2

Test Bandwidth = 5MHz

Test Channel = MCH

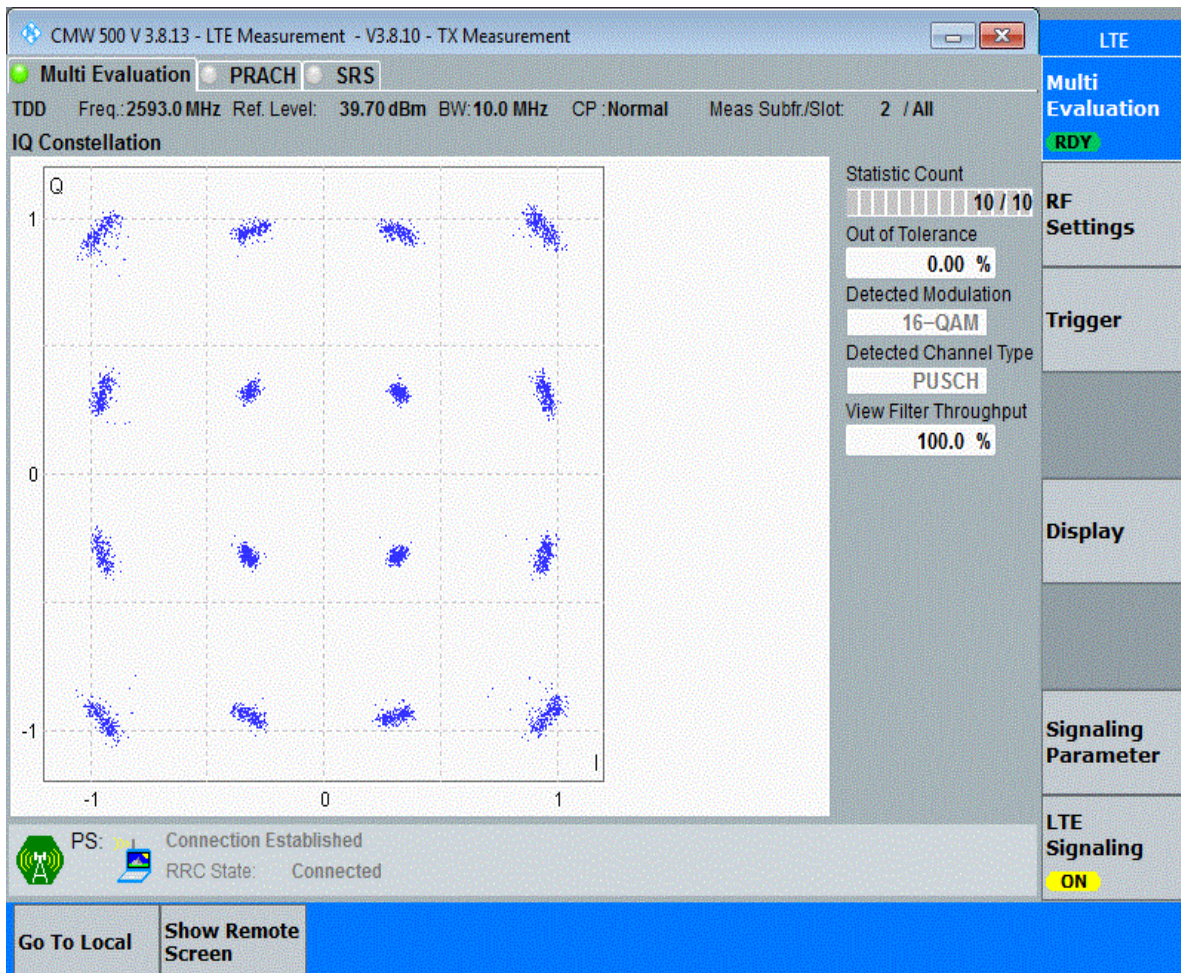
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

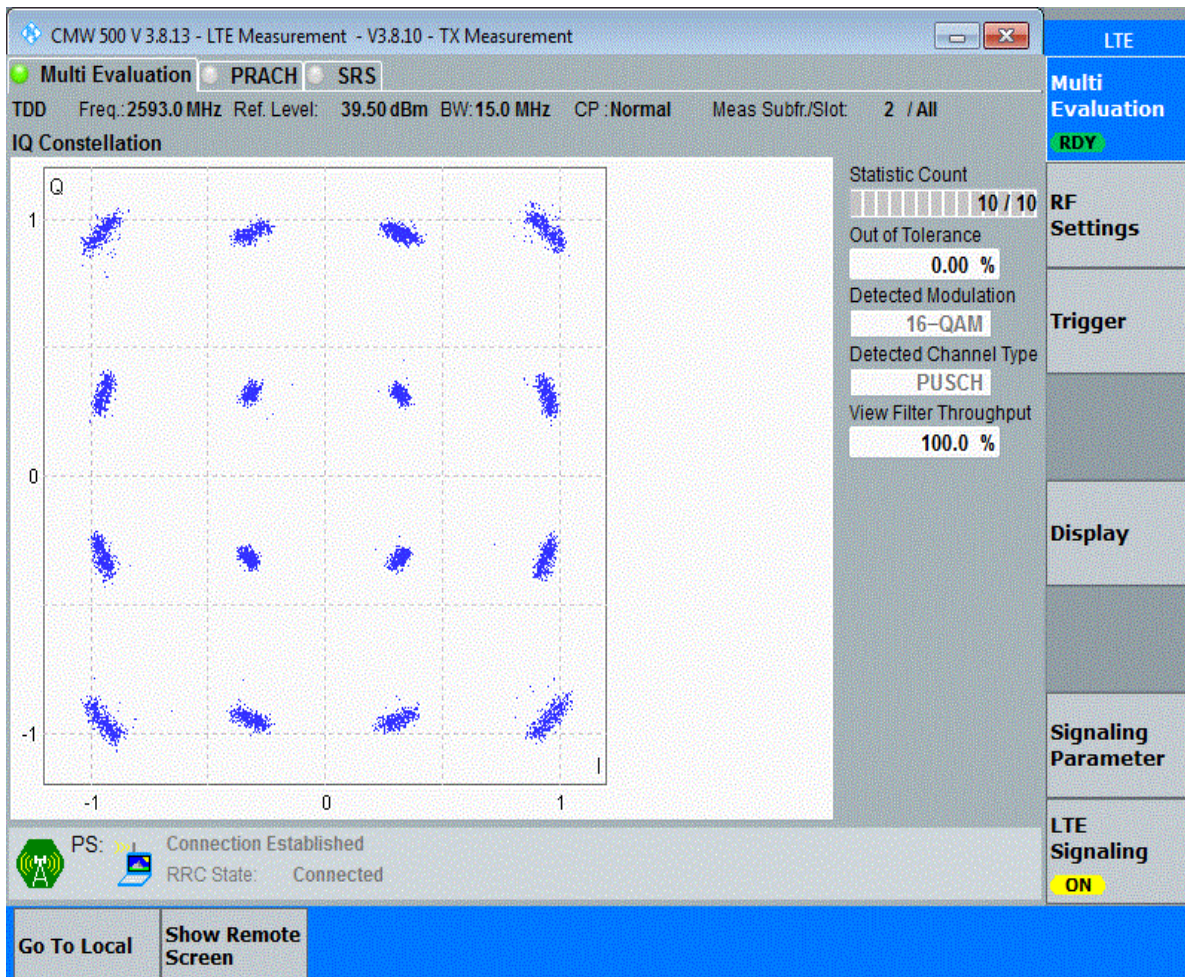
Test RB = RB50#0



Test Bandwidth = 15MHz

Test Channel = MCH

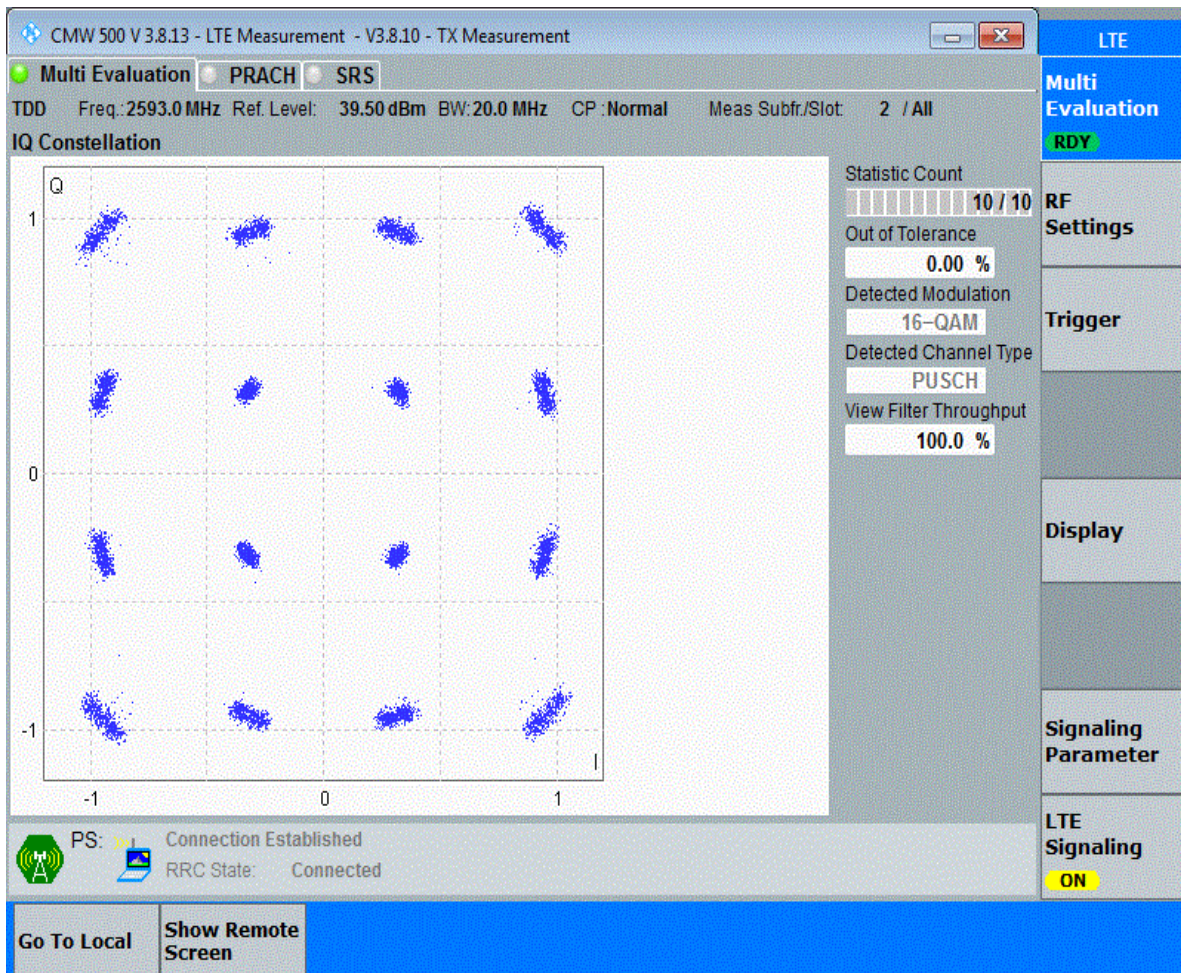
Test RB = RB75#0



Test Bandwidth = 20MHz

Test Channel = MCH

Test RB = RB100#0



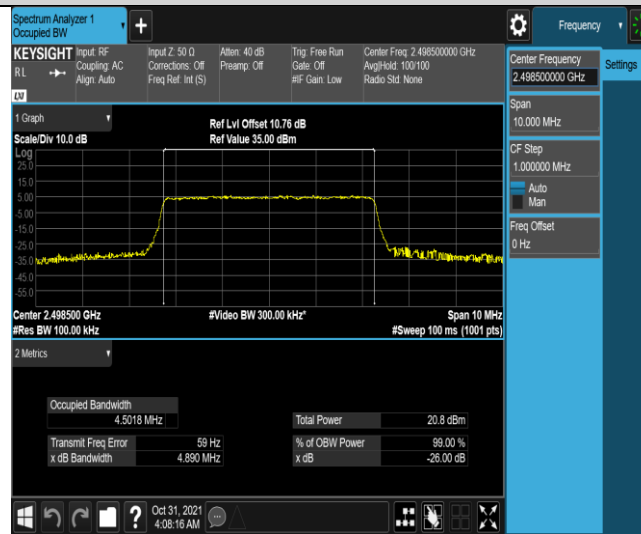
Appendix D: Bandwidth

Test Results

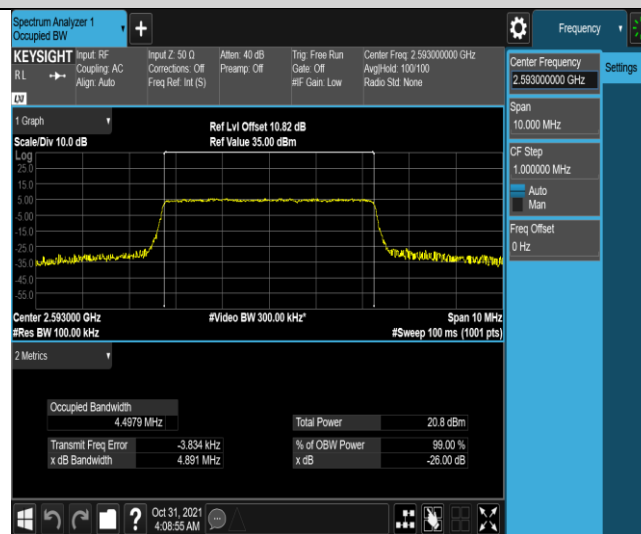
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5018	4.890	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4979	4.891	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4971	4.904	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4937	4.849	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4954	4.844	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4949	4.854	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9529	9.559	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9659	9.501	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9582	9.553	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9593	9.520	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9557	9.519	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9601	9.535	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.448	14.26	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.437	14.44	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.438	14.26	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.432	14.29	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.431	14.21	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.427	14.24	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.892	18.92	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.899	18.92	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.880	18.95	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.863	18.91	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.892	18.93	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.860	18.92	PASS

Test Plots

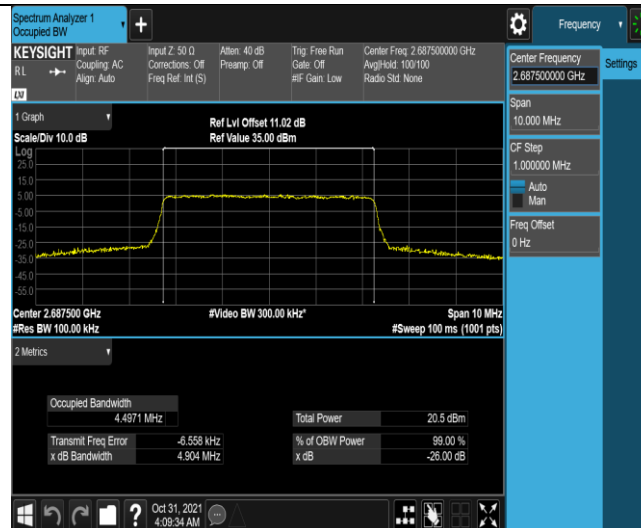
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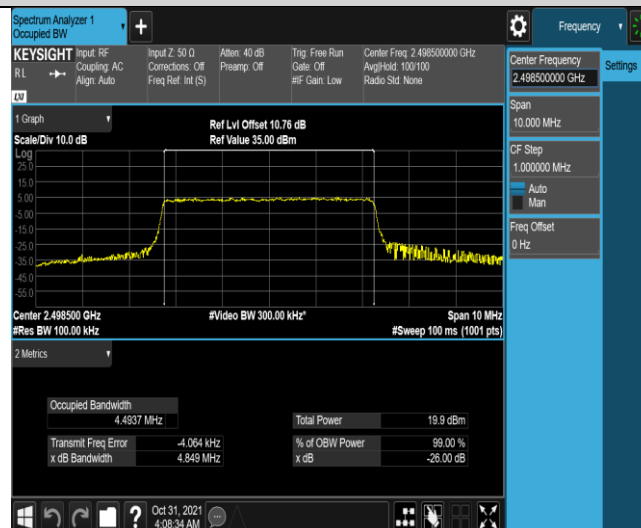
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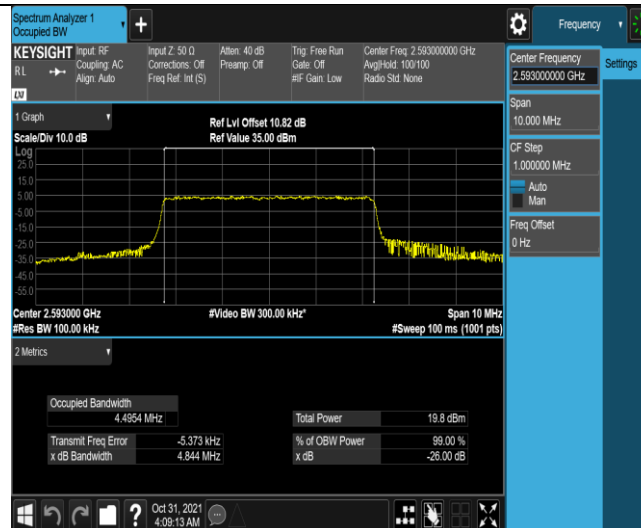
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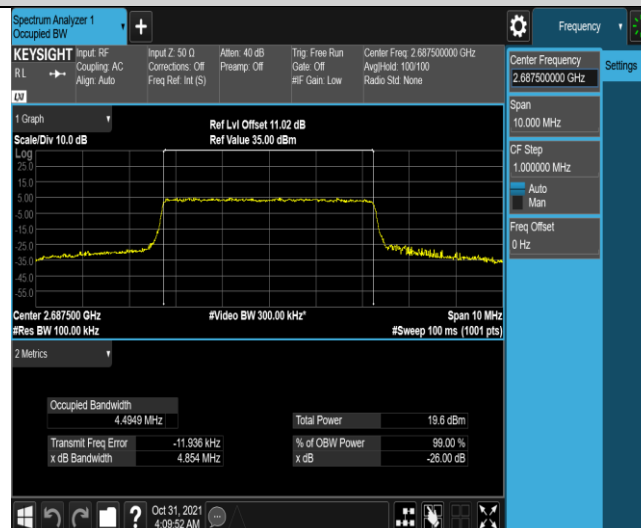
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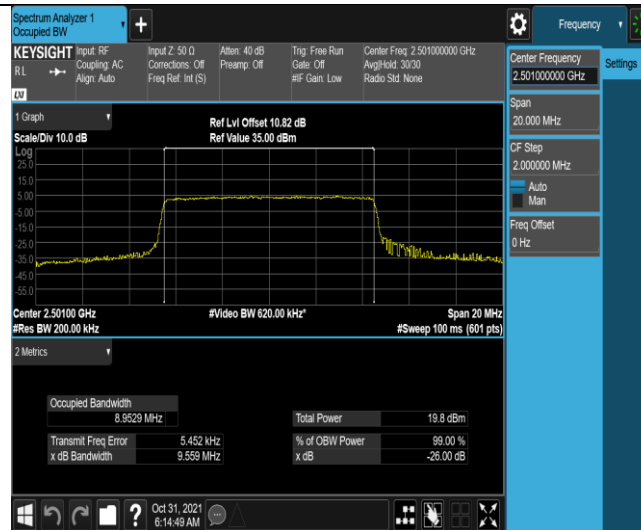
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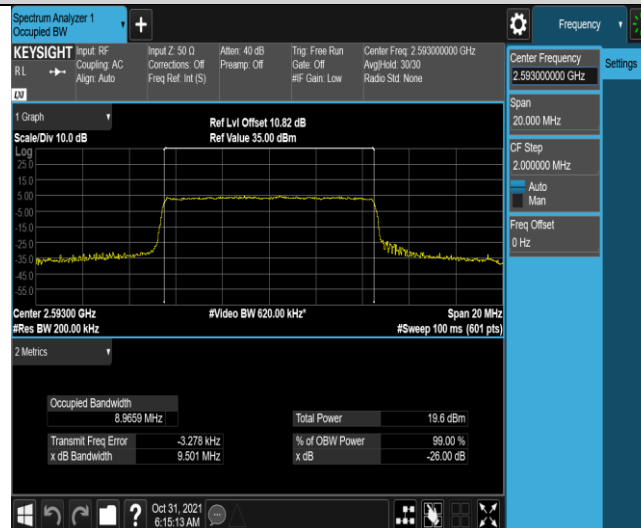
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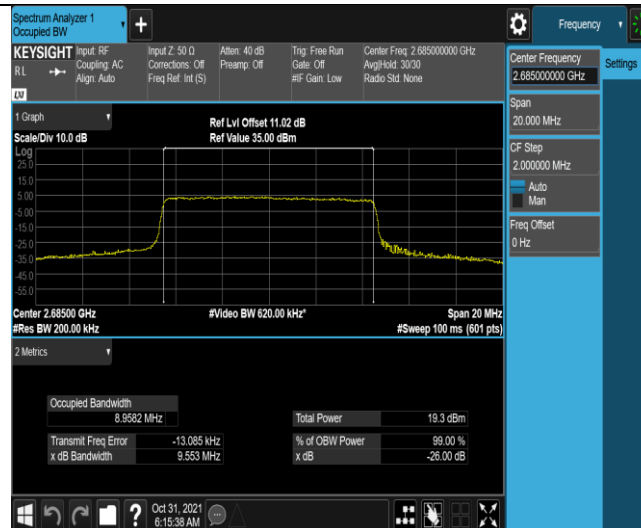
Band41-10MHz-QPSK-39700-50RB#0



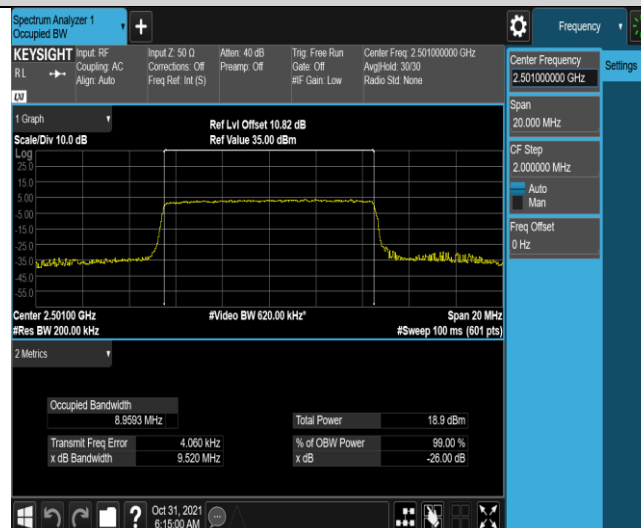
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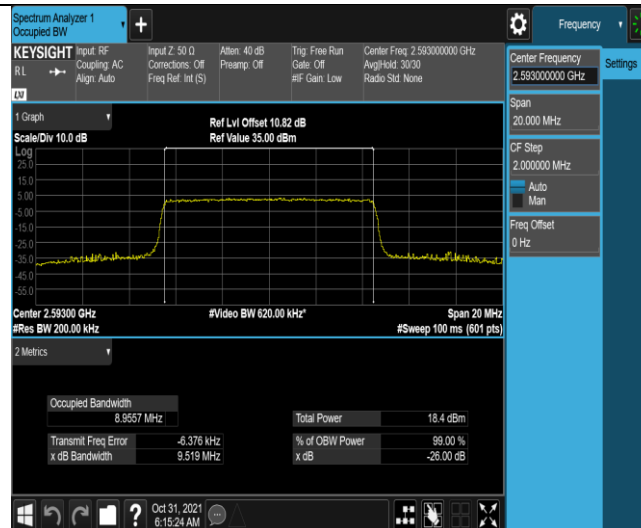
Band41-10MHz-QPSK-41540-50RB#0



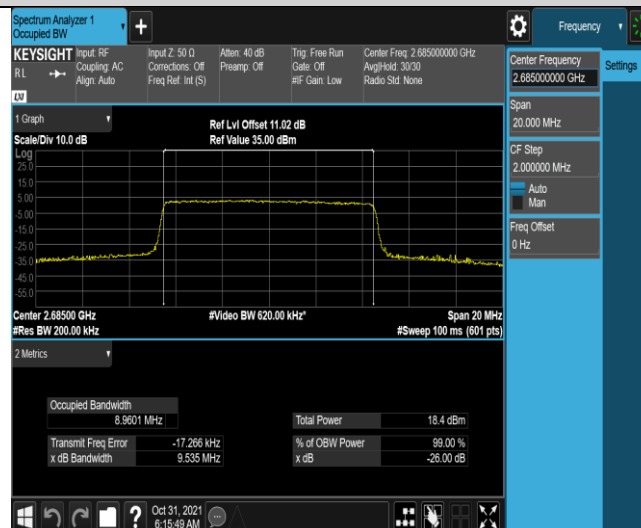
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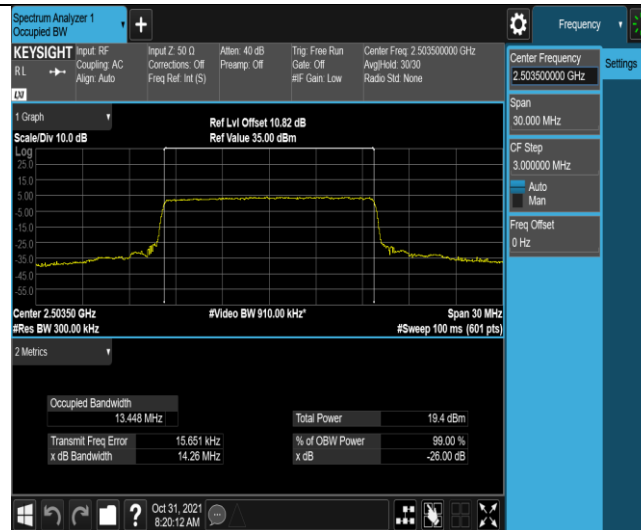
Band41-10MHz-16QAM-40620-50RB#0



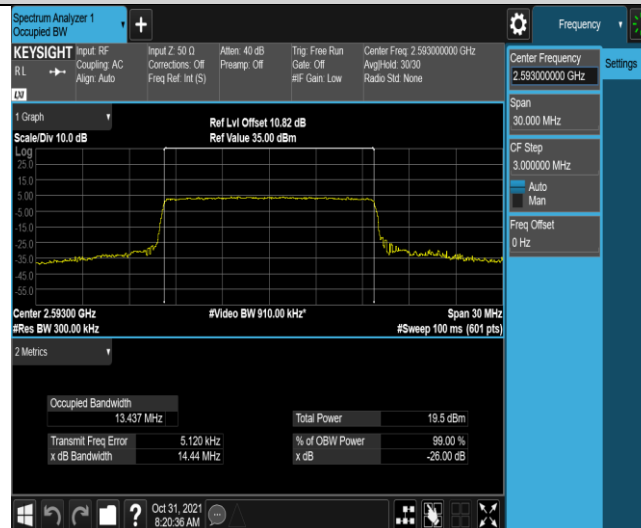
Band41-10MHz-16QAM-41540-50RB#0



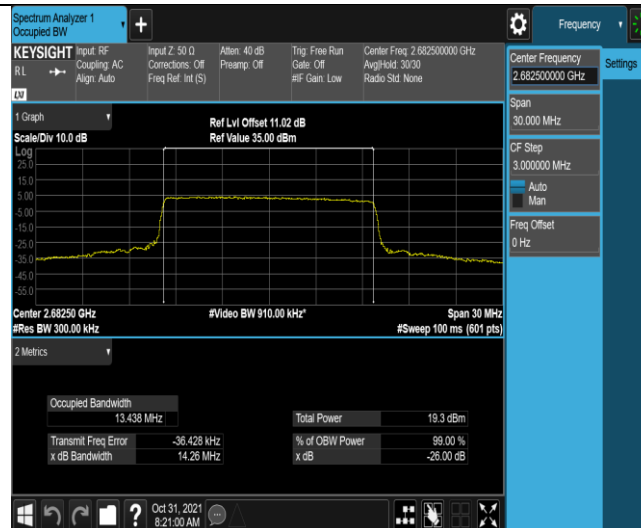
Band41-15MHz-QPSK-39725-75RB#0



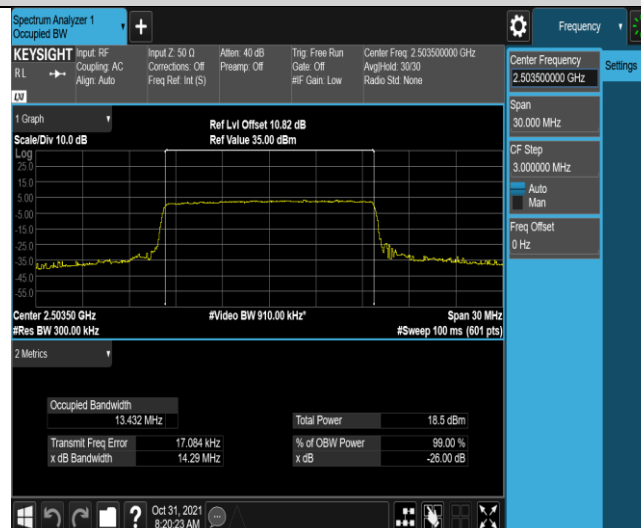
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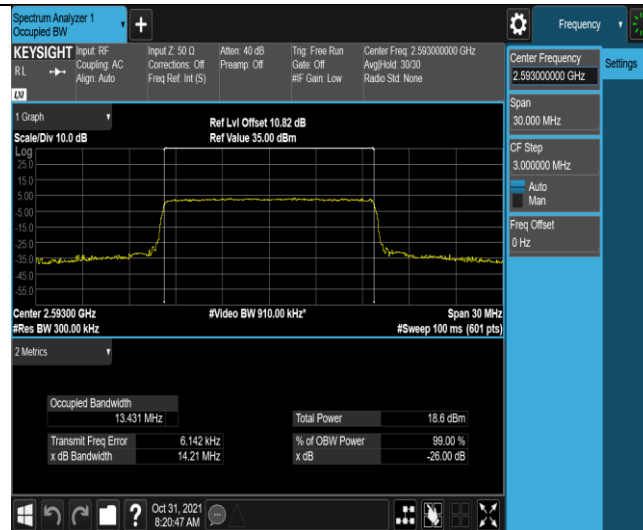
Band41-15MHz-QPSK-41515-75RB#0



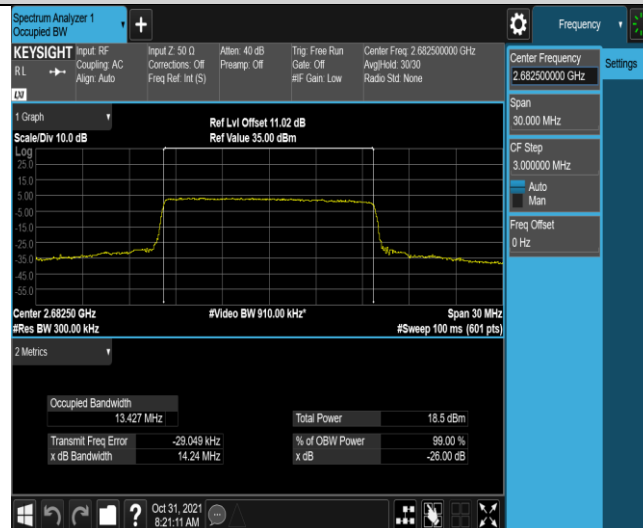
Band41-15MHz-16QAM-39725-75RB#0



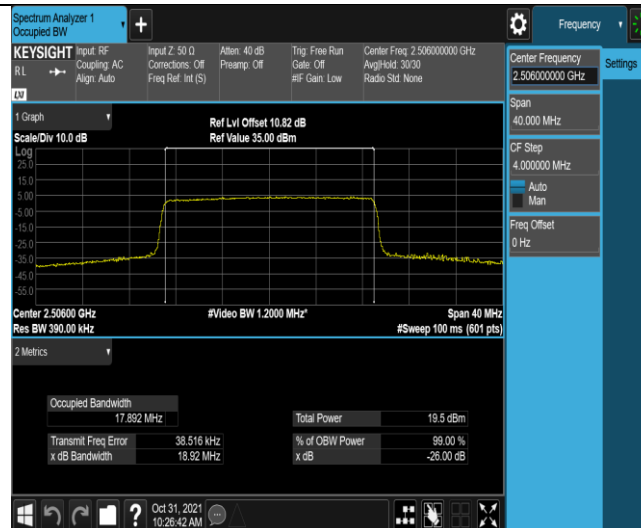
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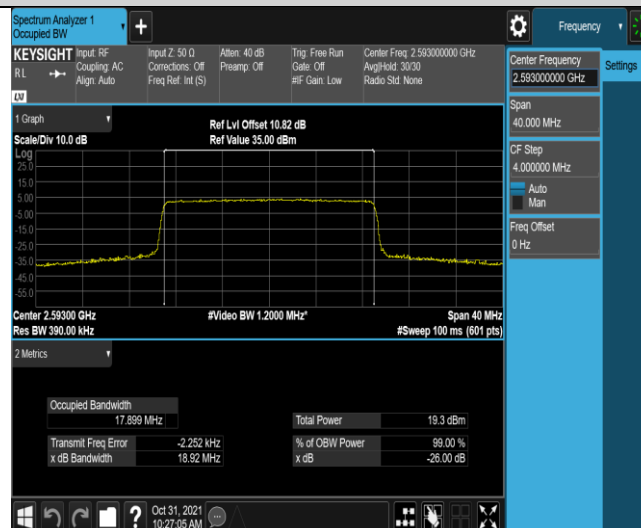
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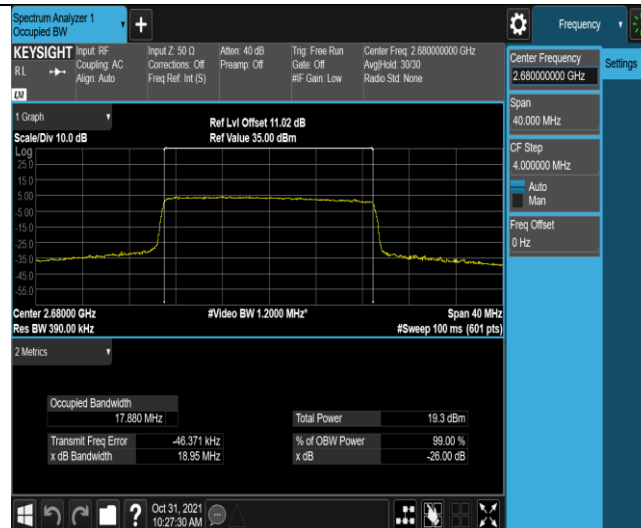
Band41-20MHz-QPSK-39750-100RB#0



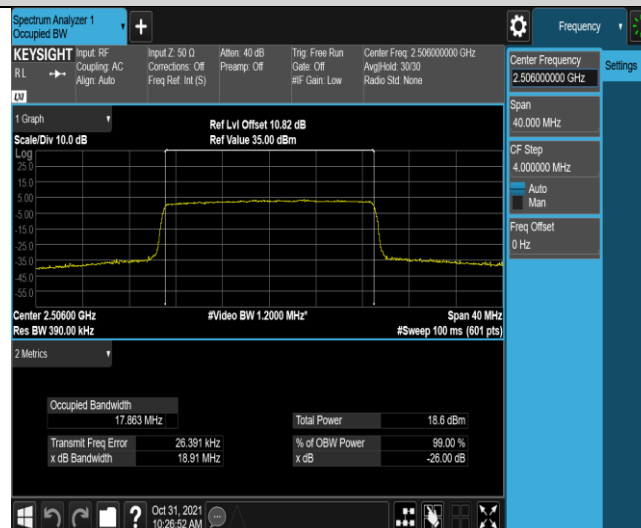
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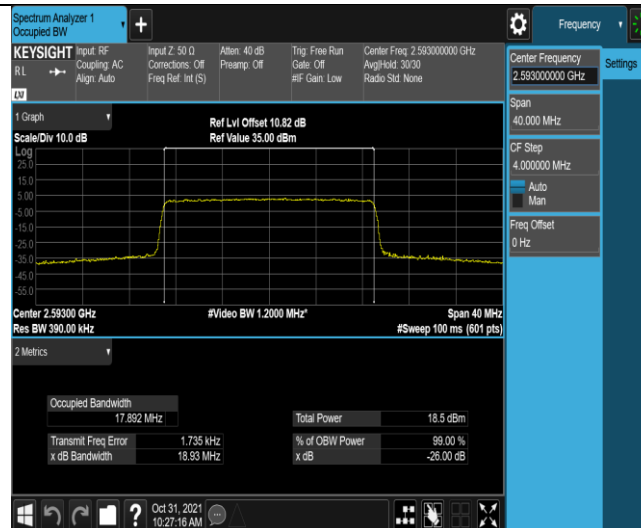
Band41-20MHz-QPSK-41490-100RB#0



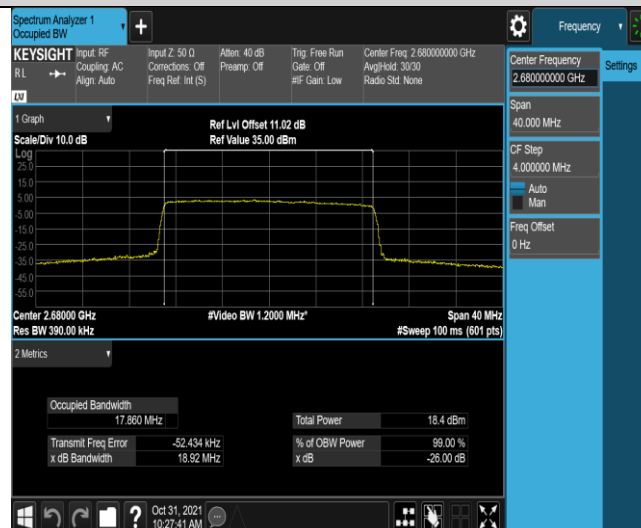
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0



Appendix E: Band Edges Compliance

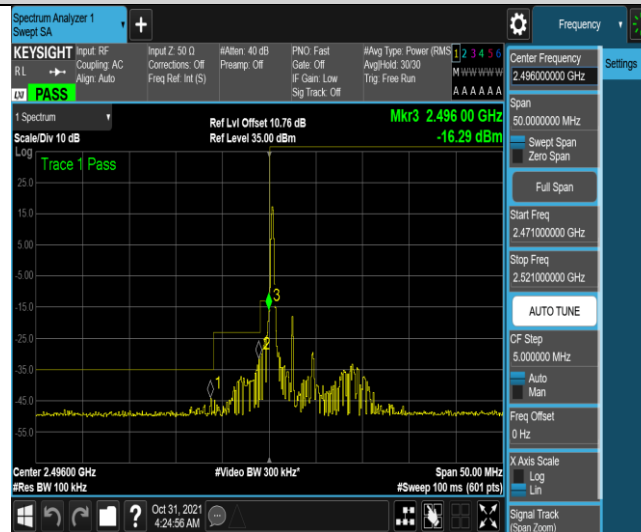
Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-44.47,-31.67,-16.29	PASS
Band41	5MHz	QPSK	39675	1RB#24	-46.74,-37.93,-42.34	PASS
Band41	5MHz	QPSK	39675	25RB#0	-44.95,-32.04,-26.39	PASS
Band41	5MHz	QPSK	41565	1RB#0	-40.41,-34.75,-40.52,-45.93	PASS
Band41	5MHz	QPSK	41565	1RB#24	-19.07,-29.04,-44.57,-44.97	PASS
Band41	5MHz	QPSK	41565	25RB#0	-25.11,-31.53,-43.50,-43.66	PASS
Band41	5MHz	16QAM	39675	1RB#0	-46.34,-31.35,-16.21	PASS
Band41	5MHz	16QAM	39675	1RB#24	-45.64,-37.73,-40.53	PASS
Band41	5MHz	16QAM	39675	25RB#0	-45.71,-33.93,-26.75	PASS
Band41	5MHz	16QAM	41565	1RB#0	-41.90,-35.58,-41.40,-44.51	PASS
Band41	5MHz	16QAM	41565	1RB#24	-18.98,-29.26,-45.69,-46.67	PASS
Band41	5MHz	16QAM	41565	25RB#0	-26.46,-33.04,-42.93,-44.49	PASS
Band41	10MHz	QPSK	39700	1RB#0	-40.48,-29.92,-21.15	PASS
Band41	10MHz	QPSK	39700	1RB#49	-34.35,-33.42,-38.18	PASS
Band41	10MHz	QPSK	39700	50RB#0	-43.38,-32.98,-27.76	PASS
Band41	10MHz	QPSK	41540	1RB#0	-41.29,-40.99,-34.31,-34.80	PASS
Band41	10MHz	QPSK	41540	1RB#49	-18.31,-31.41,-41.40,-43.71	PASS
Band41	10MHz	QPSK	41540	50RB#0	-24.66,-30.42,-36.67,-39.40	PASS
Band41	10MHz	16QAM	39700	1RB#0	-43.45,-30.73,-21.80	PASS
Band41	10MHz	16QAM	39700	1RB#49	-36.95,-36.09,-39.79	PASS
Band41	10MHz	16QAM	39700	50RB#0	-41.34,-33.03,-31.36	PASS
Band41	10MHz	16QAM	41540	1RB#0	-41.04,-40.66,-37.94,-38.08	PASS
Band41	10MHz	16QAM	41540	1RB#49	-20.74,-29.63,-41.68,-44.53	PASS
Band41	10MHz	16QAM	41540	50RB#0	-27.08,-31.42,-36.65,-40.28	PASS
Band41	15MHz	QPSK	39725	1RB#0	-41.18,-30.22,-20.43	PASS
Band41	15MHz	QPSK	39725	1RB#74	-37.17,-35.60,-40.17	PASS
Band41	15MHz	QPSK	39725	75RB#0	-42.38,-30.95,-26.45	PASS
Band41	15MHz	QPSK	41515	1RB#0	-39.88,-41.00,-35.53,-36.95	PASS
Band41	15MHz	QPSK	41515	1RB#74	-22.79,-29.74,-39.41,-42.39	PASS
Band41	15MHz	QPSK	41515	75RB#0	-29.32,-30.10,-35.58,-41.83	PASS
Band41	15MHz	16QAM	39725	1RB#0	-44.33,-27.20,-20.08	PASS
Band41	15MHz	16QAM	39725	1RB#74	-38.01,-37.16,-40.30	PASS
Band41	15MHz	16QAM	39725	75RB#0	-40.50,-32.70,-28.39	PASS
Band41	15MHz	16QAM	41515	1RB#0	-39.98,-40.28,-37.66,-38.46	PASS
Band41	15MHz	16QAM	41515	1RB#74	-23.24,-28.65,-37.88,-43.56	PASS
Band41	15MHz	16QAM	41515	75RB#0	-28.75,-31.48,-36.68,-41.15	PASS
Band41	20MHz	QPSK	39750	1RB#0	-43.42,-29.35,-22.76	PASS
Band41	20MHz	QPSK	39750	1RB#99	-41.44,-37.59,-41.42	PASS
Band41	20MHz	QPSK	39750	100RB#0	-43.50,-33.36,-31.98	PASS
Band41	20MHz	QPSK	41490	1RB#0	-41.21,-40.55,-35.55,-37.13	PASS
Band41	20MHz	QPSK	41490	1RB#99	-21.05,-30.27,-38.54,-43.41	PASS
Band41	20MHz	QPSK	41490	100RB#0	-31.59,-32.72,-35.54,-42.39	PASS

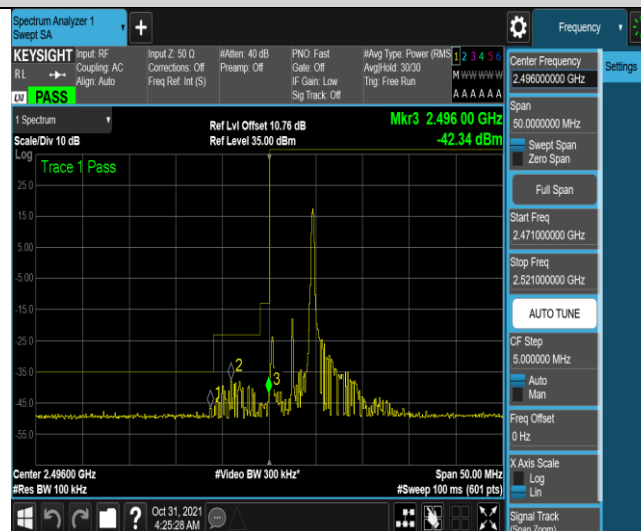
Total Quality. Assured.

Band41	20MHz	16QAM	39750	1RB#0	-43.71,-28.02,-20.27	PASS
Band41	20MHz	16QAM	39750	1RB#99	-41.91,-37.27,-40.59	PASS
Band41	20MHz	16QAM	39750	100RB#0	-43.88,-35.02,-32.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	-40.59,-40.67,-35.28,-37.30	PASS
Band41	20MHz	16QAM	41490	1RB#99	-22.13,-28.10,-37.28,-42.92	PASS
Band41	20MHz	16QAM	41490	100RB#0	-33.44,-34.40,-36.37,-42.55	PASS

Band41-5MHz-QPSK-39675-1RB#0



Band41-5MHz-QPSK-39675-1RB#24



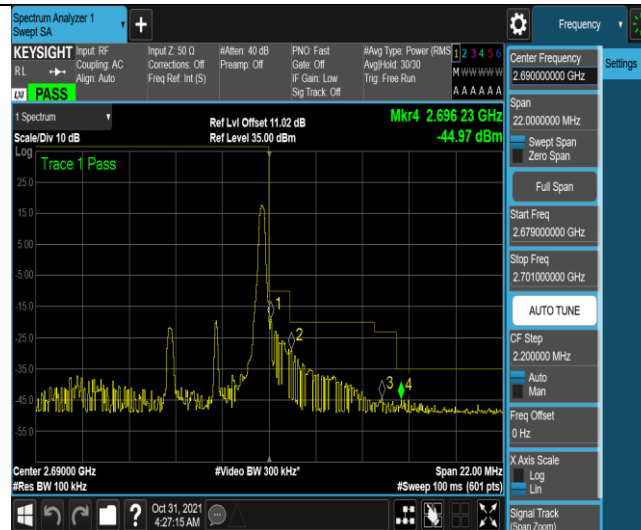
Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-41565-1RB#0



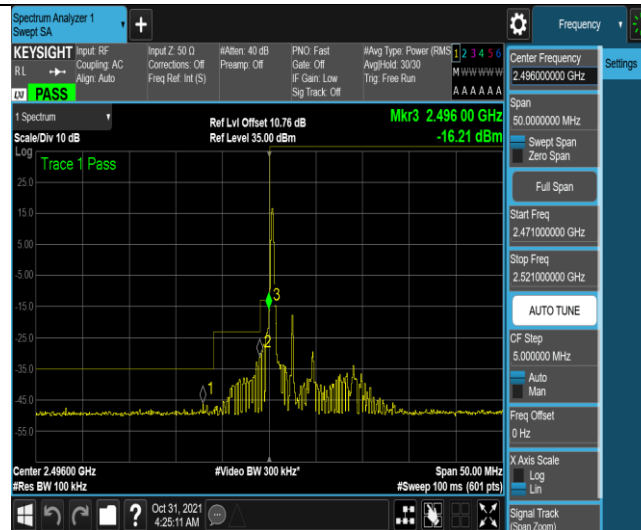
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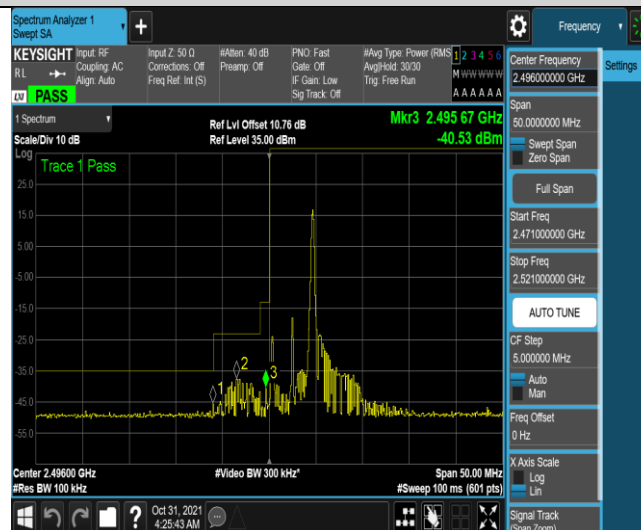
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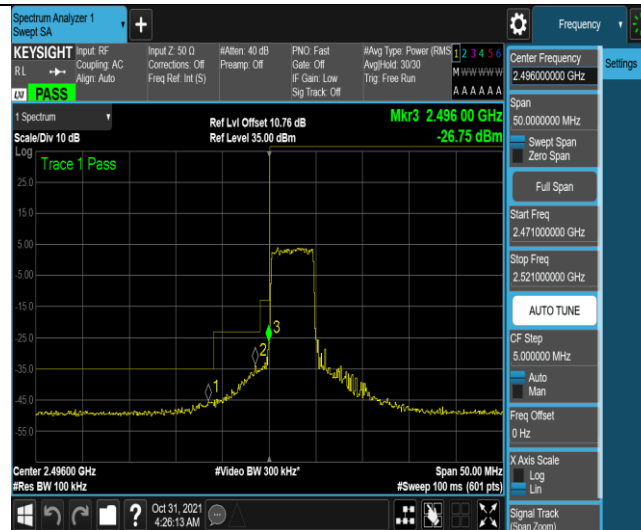
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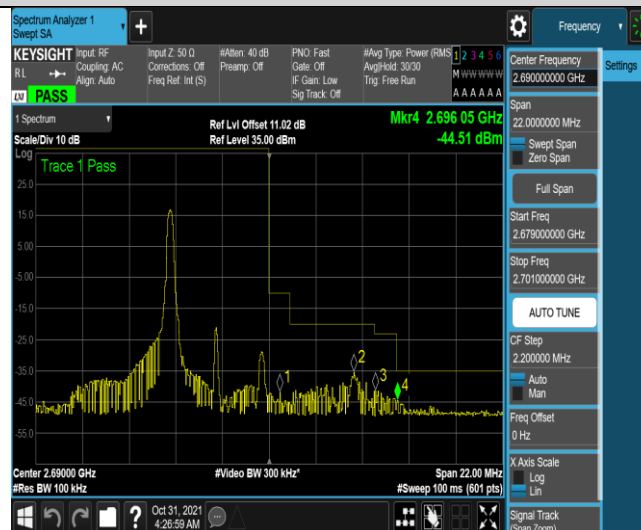
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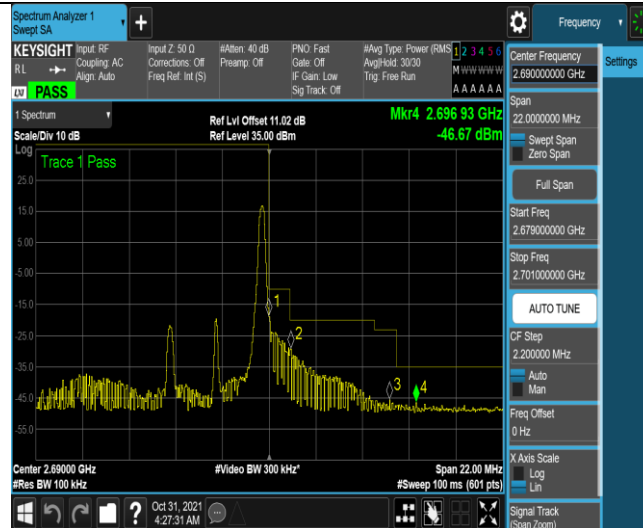
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Band41-5MHz-16QAM-41565-1RB#0



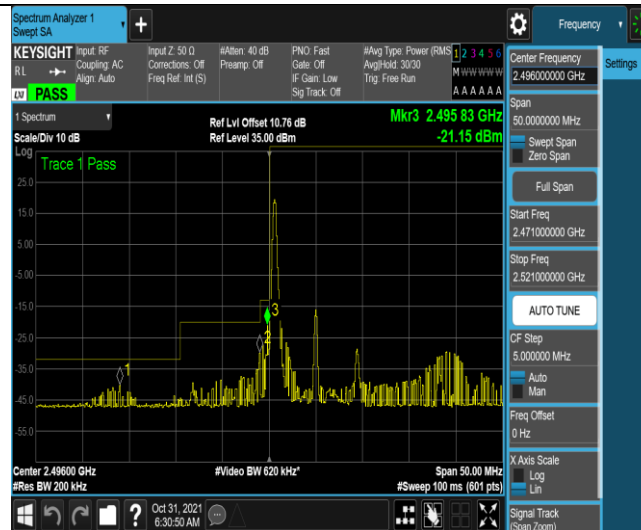
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Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-1RB#0



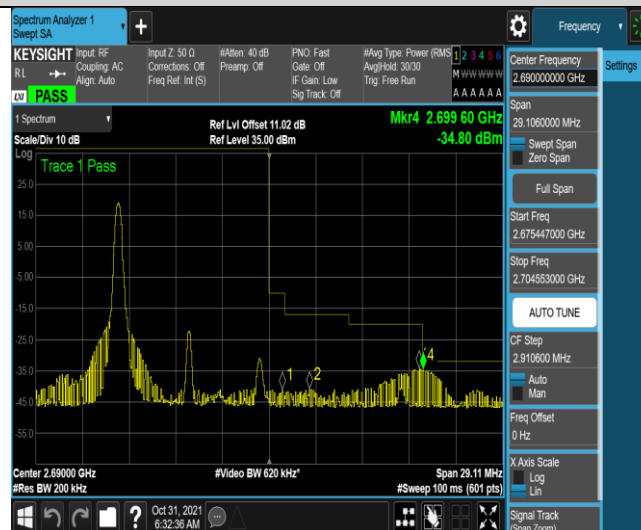
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Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-1RB#0



Band41-10MHz-QPSK-41540-1RB#49