

Appendix for LTE B12 test report

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Results:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power[dBm]	ERP[dBm]	Limit[dBm]	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.14	22.81	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.59	23.26	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.68	23.35	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.48	23.15	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.60	23.27	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.63	23.3	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.63	22.3	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.23	23.9	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.22	23.89	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.89	23.56	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.10	23.77	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.20	23.87	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.34	24.01	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.11	22.78	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.14	22.81	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.24	22.91	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.27	22.94	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.31	22.98	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.21	22.88	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.22	22.89	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.00	21.67	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.39	22.06	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.02	22.69	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.78	22.45	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.38	22.05	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.38	22.05	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.30	21.97	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.53	21.2	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.00	22.67	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.01	22.68	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.89	22.56	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.05	22.72	34.77	PASS

Total Quality. Assured.

Band12	1.4MHz	16QAM	23095	3RB#1	22.05	22.72	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.99	22.66	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.98	21.65	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.15	21.82	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.61	22.28	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.01	21.68	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	20.88	21.55	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	20.89	21.56	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.85	21.52	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.19	20.86	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.45	23.12	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.84	23.51	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.06	23.73	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.74	22.41	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.71	22.38	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.03	22.7	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.77	22.44	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.25	23.92	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.35	24.02	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.98	23.65	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.39	23.06	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.39	23.06	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.25	22.92	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.26	22.93	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.49	23.16	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.37	23.04	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.58	23.25	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.42	22.09	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.53	22.2	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.19	21.86	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.25	21.92	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.40	22.07	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.10	22.77	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.19	22.86	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.88	21.55	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.92	21.59	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.15	21.82	34.77	PASS

Total Quality. Assured.

Band12	3MHz	16QAM	23025	15RB#0	20.76	21.43	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.13	22.8	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.08	22.75	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.81	22.48	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.37	22.04	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.15	21.82	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.26	21.93	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.06	21.73	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.61	22.28	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.60	22.27	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.14	21.81	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.40	21.07	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.40	21.07	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.19	20.86	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.21	20.88	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.63	23.3	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.15	23.82	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.39	24.06	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.74	22.41	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.64	22.31	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.33	23	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.06	22.73	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.29	23.96	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.40	24.07	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.83	23.5	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.33	23	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.23	22.9	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.87	22.54	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.04	22.71	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.73	23.4	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.30	22.97	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.05	22.72	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.40	22.07	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.43	22.1	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.16	21.83	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.22	21.89	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.54	22.21	34.77	PASS

Total Quality. Assured.

Band12	5MHz	16QAM	23035	1RB#12	21.94	22.61	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.24	22.91	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.76	21.43	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.63	21.3	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.31	21.98	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.93	21.6	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.37	23.04	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.20	22.87	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.91	22.58	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.26	21.93	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.38	22.05	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.87	21.54	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.93	21.6	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.55	22.22	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.07	21.74	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	20.84	21.51	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.34	21.01	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.36	21.03	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.08	20.75	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.45	21.12	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.43	23.1	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.54	24.21	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.92	23.59	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.01	22.68	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.99	22.66	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.32	22.99	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.14	22.81	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.22	23.89	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.58	24.25	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.47	23.14	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.45	23.12	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.39	23.06	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.79	22.46	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.04	22.71	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.55	24.22	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.73	23.4	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.03	22.7	34.77	PASS

Total Quality. Assured.

Band12	10MHz	QPSK	23130	25RB#0	22.15	22.82	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.15	22.82	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.45	22.12	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.80	22.47	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.44	22.11	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.85	23.52	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.01	22.68	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.16	21.83	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.93	21.6	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.23	21.9	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.04	21.71	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.30	22.97	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.49	23.16	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.31	21.98	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.30	21.97	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.43	22.1	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.89	21.56	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.07	21.74	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.70	23.37	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.85	22.52	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.46	22.13	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.25	21.92	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.02	21.69	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.55	21.22	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.71	21.38	34.77	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 12 is 2.82dBi.

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
Band12	1.4MHz	QPSK	23017	1RB#0	4.88	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.50	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.78	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.38	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.87	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.35	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.97	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.38	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.81	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.26	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.94	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.22	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.92	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.66	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.80	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.41	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.93	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.52	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.76	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.47	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.81	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.25	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.90	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.37	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.82	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.64	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.82	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.39	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.84	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.77	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.46	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.79	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.20	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.81	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.32	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.85	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.88	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.30	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.79	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.53	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.75	13	PASS

Total Quality. Assured.

Band12	10MHz	16QAM	23060	50RB#0	6.38	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.00	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.27	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.64	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.29	13	PASS

Appendix C: Modulation Characteristics

Test Plots

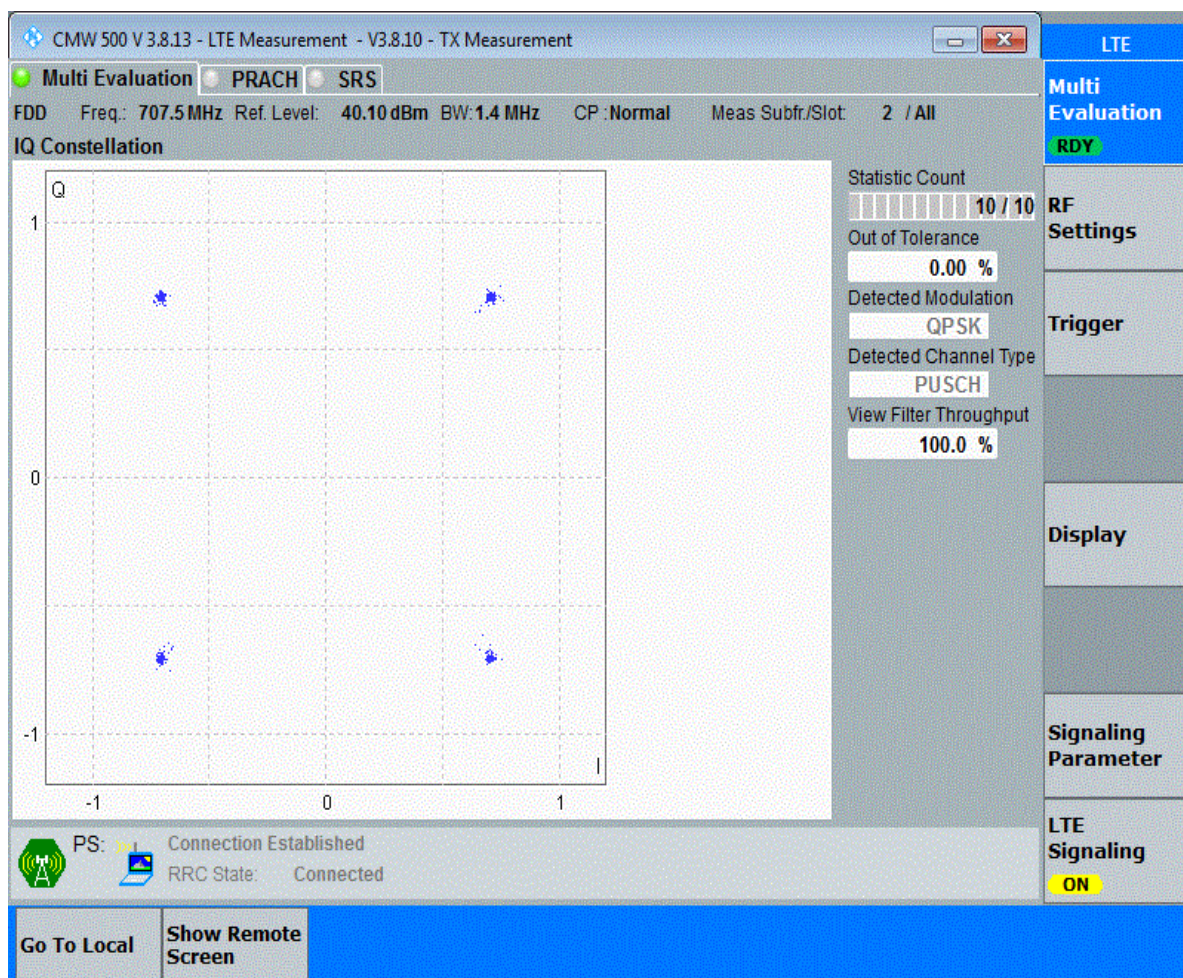
Test Band = BAND12

Test Mode = LTE/TM1

Test Bandwidth = 1.4MHz

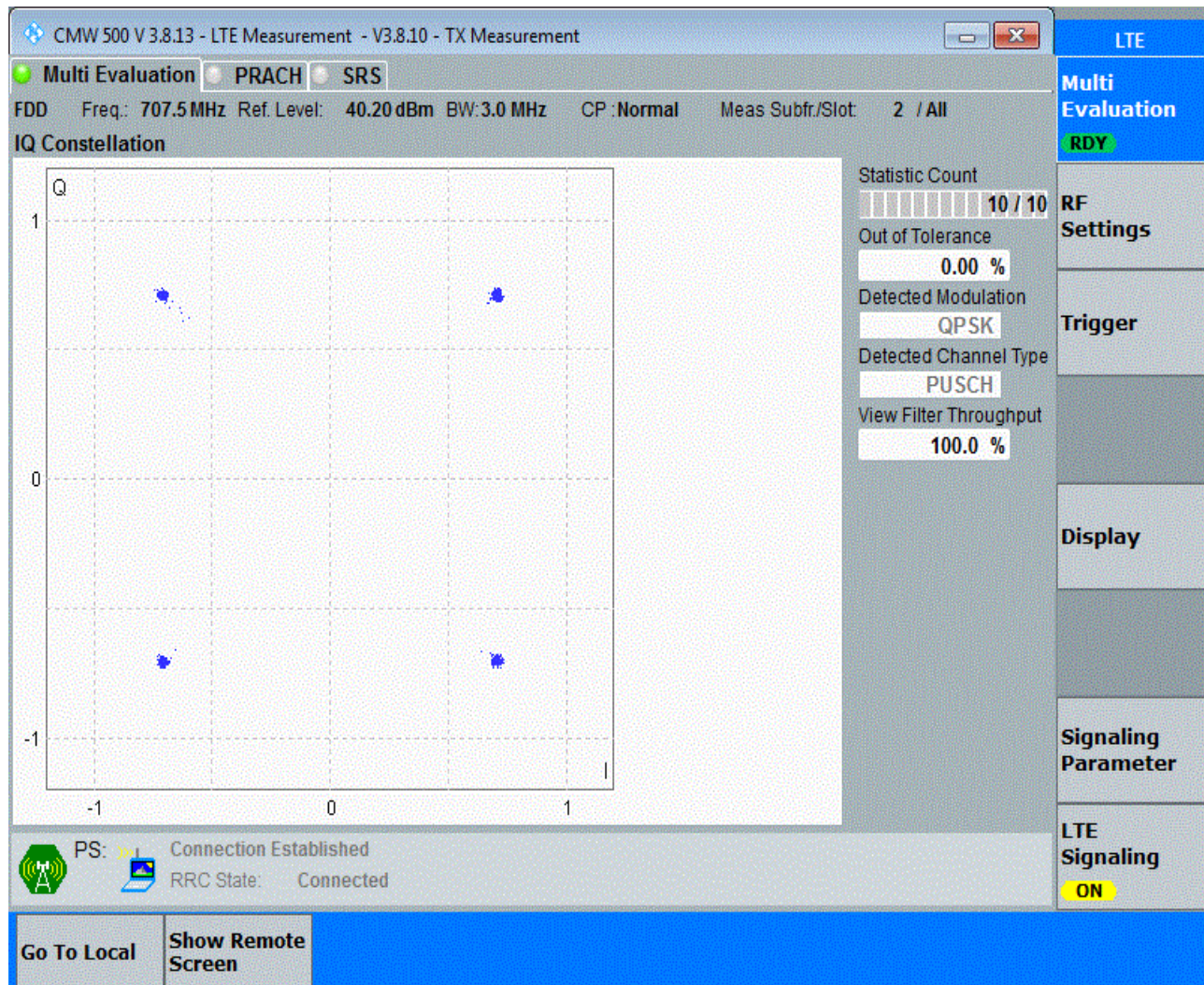
Test Channel = MCH

Test RB = RB6#0



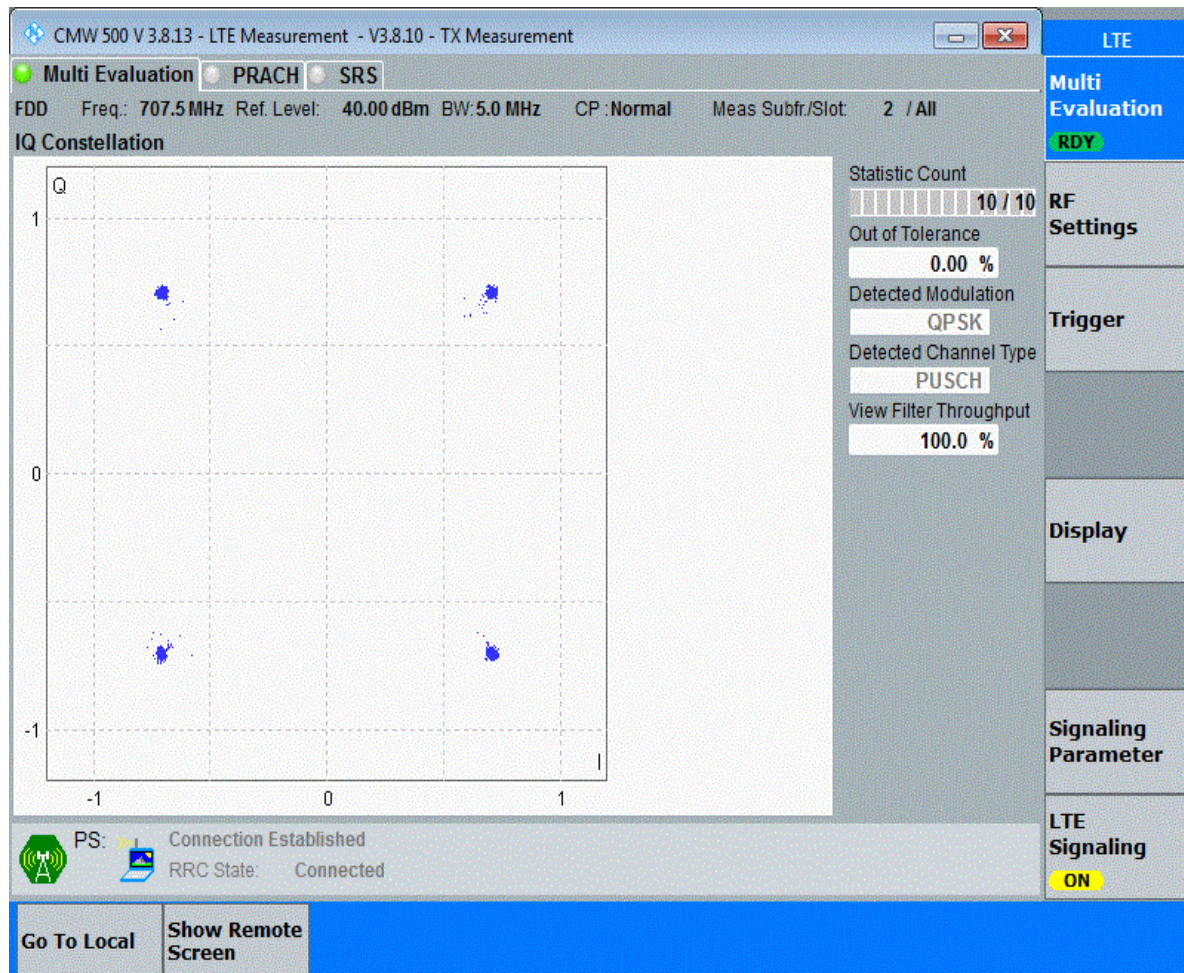
Test Channel = MCH

Test RB = RB15#0



Test Channel = MCH

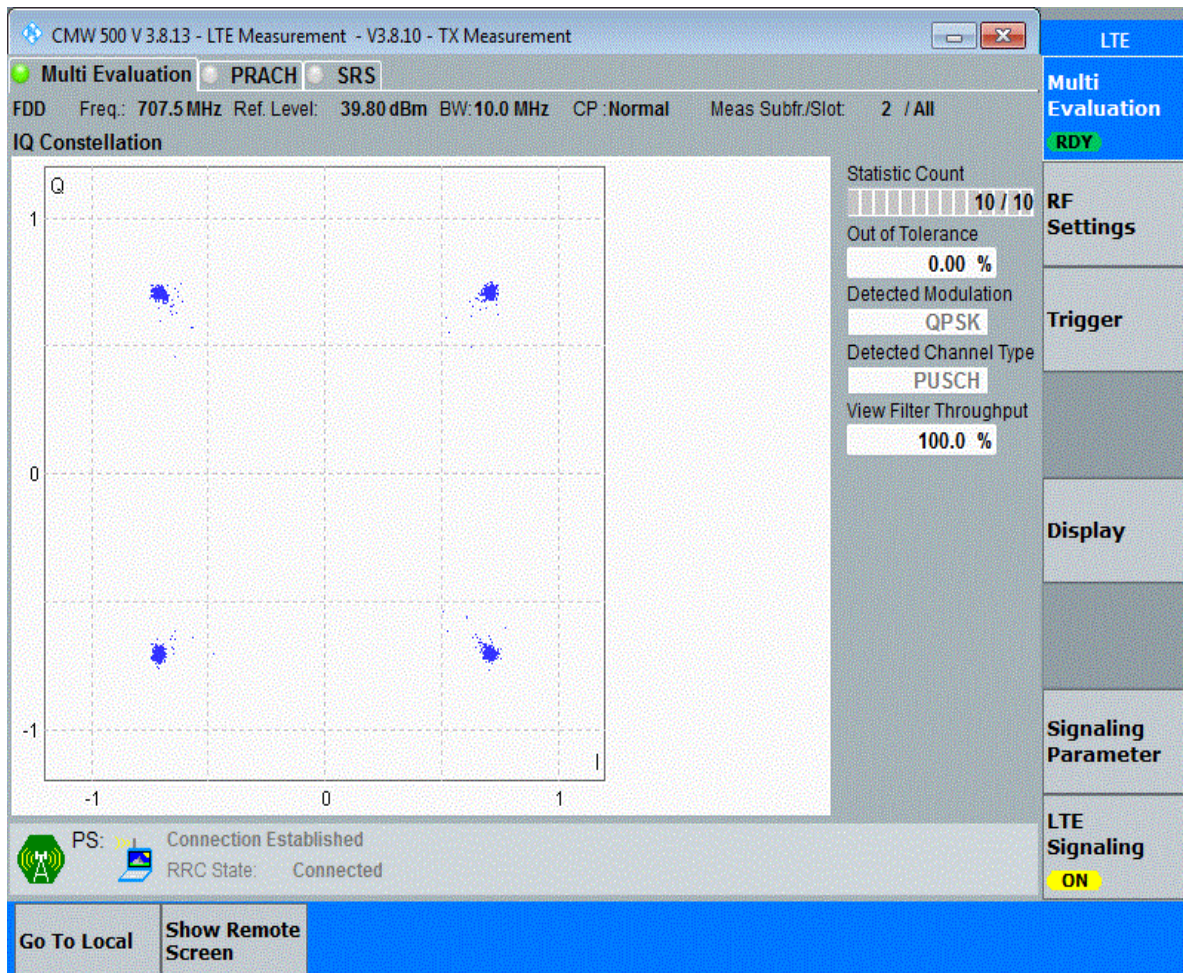
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

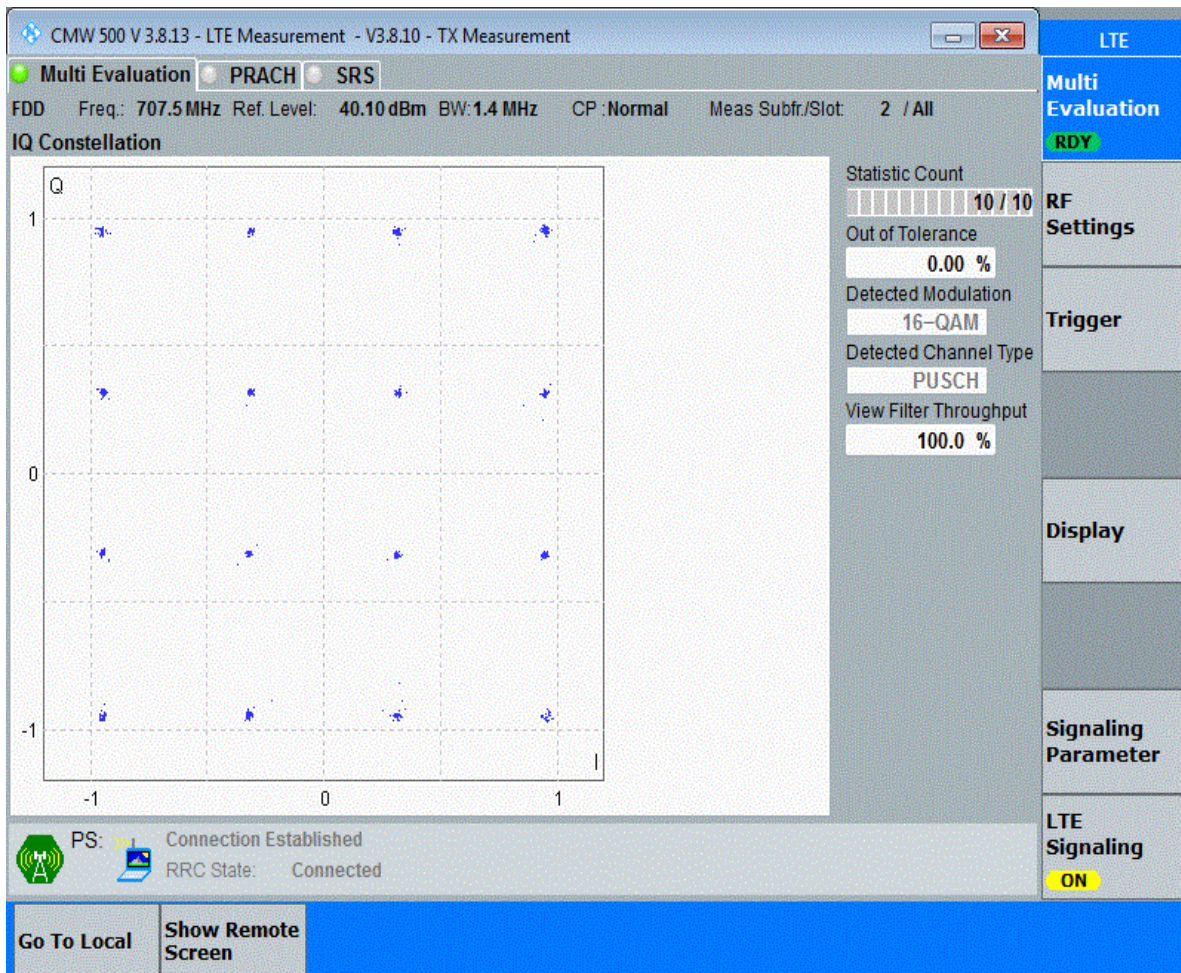
Test RB = RB50#0



Bandwidth = 1.4MHz

Test Channel = MCH

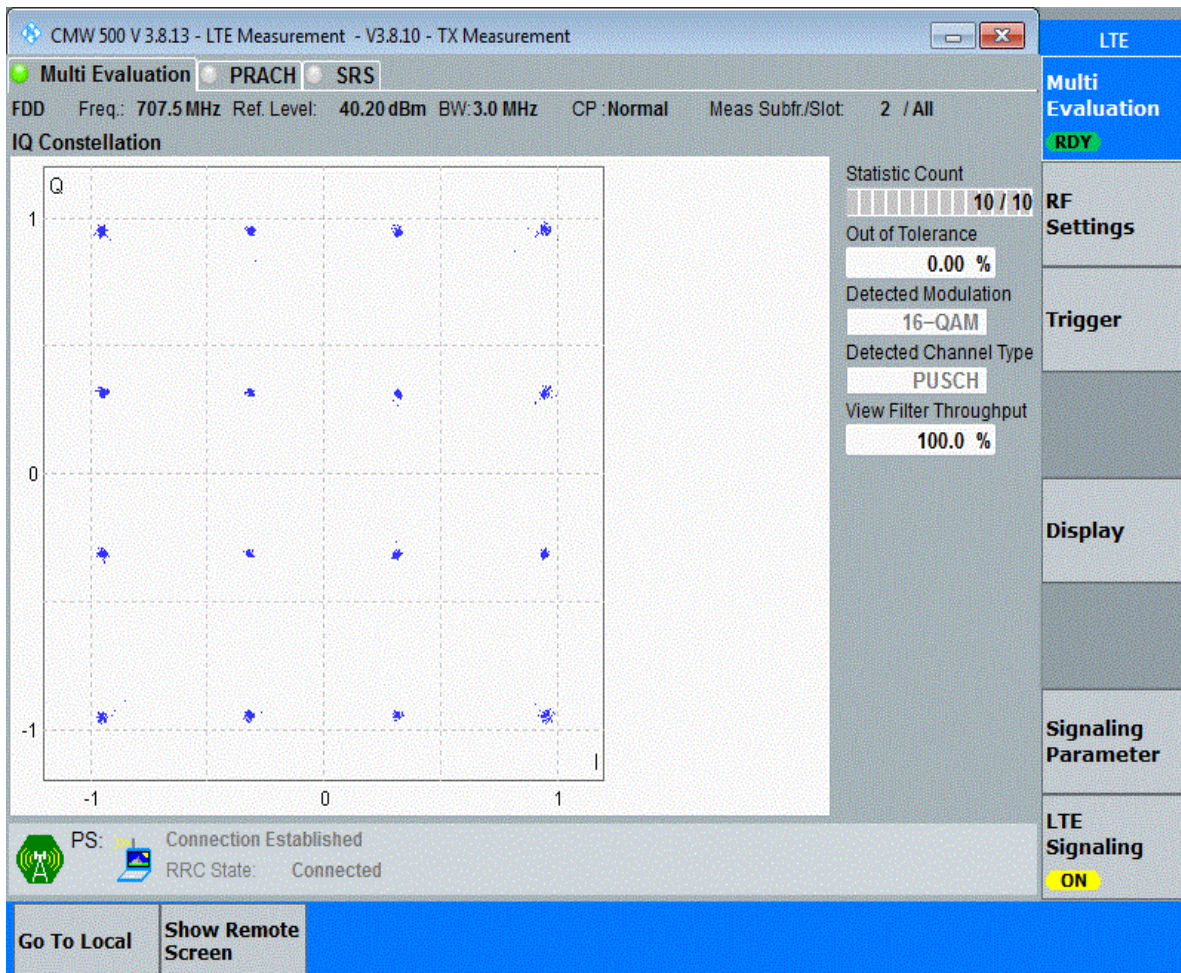
Test RB = RB6#0



Test Bandwidth = 3MHz

Test Channel = MCH

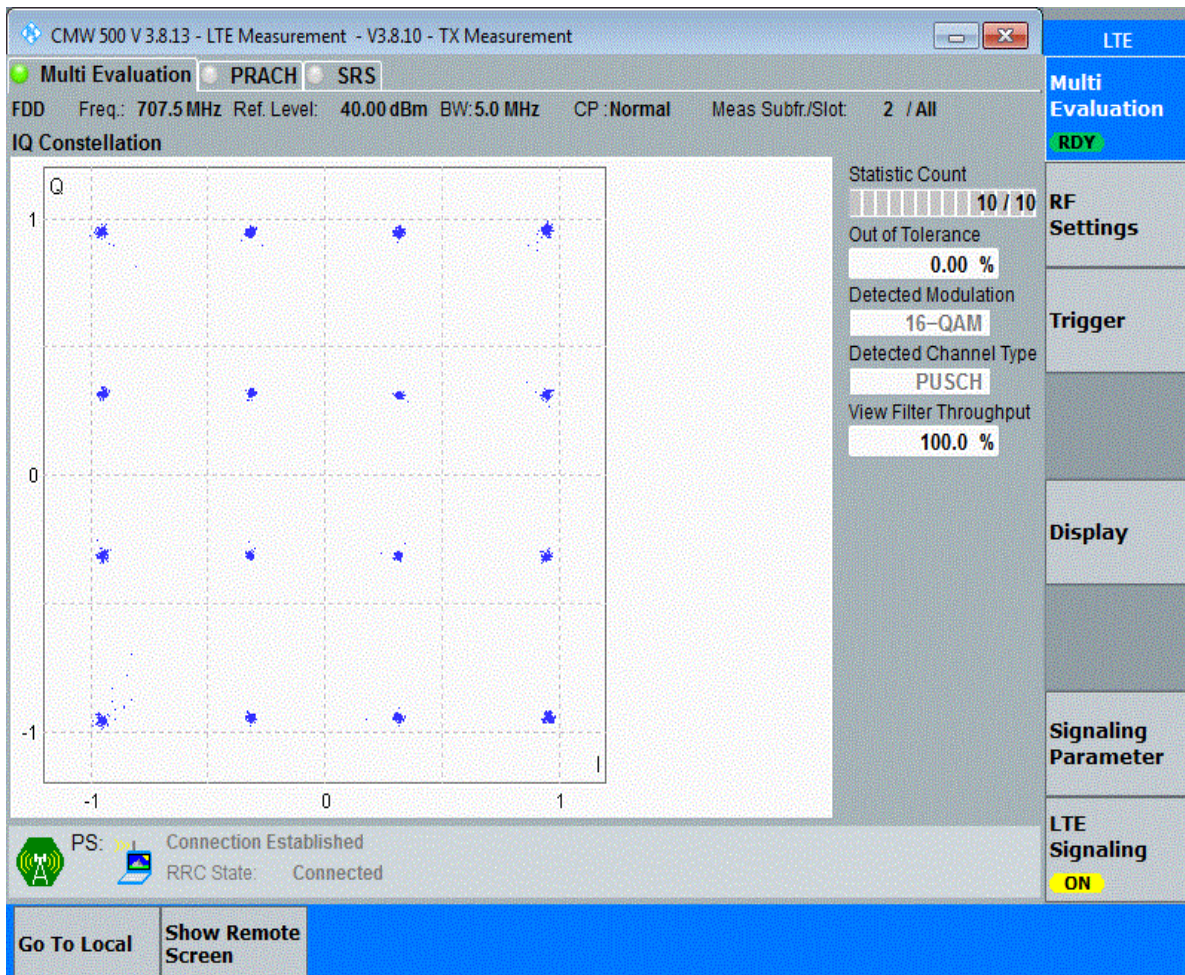
Test RB = RB15#0



Test Bandwidth = 5MHz

Test Channel = MCH

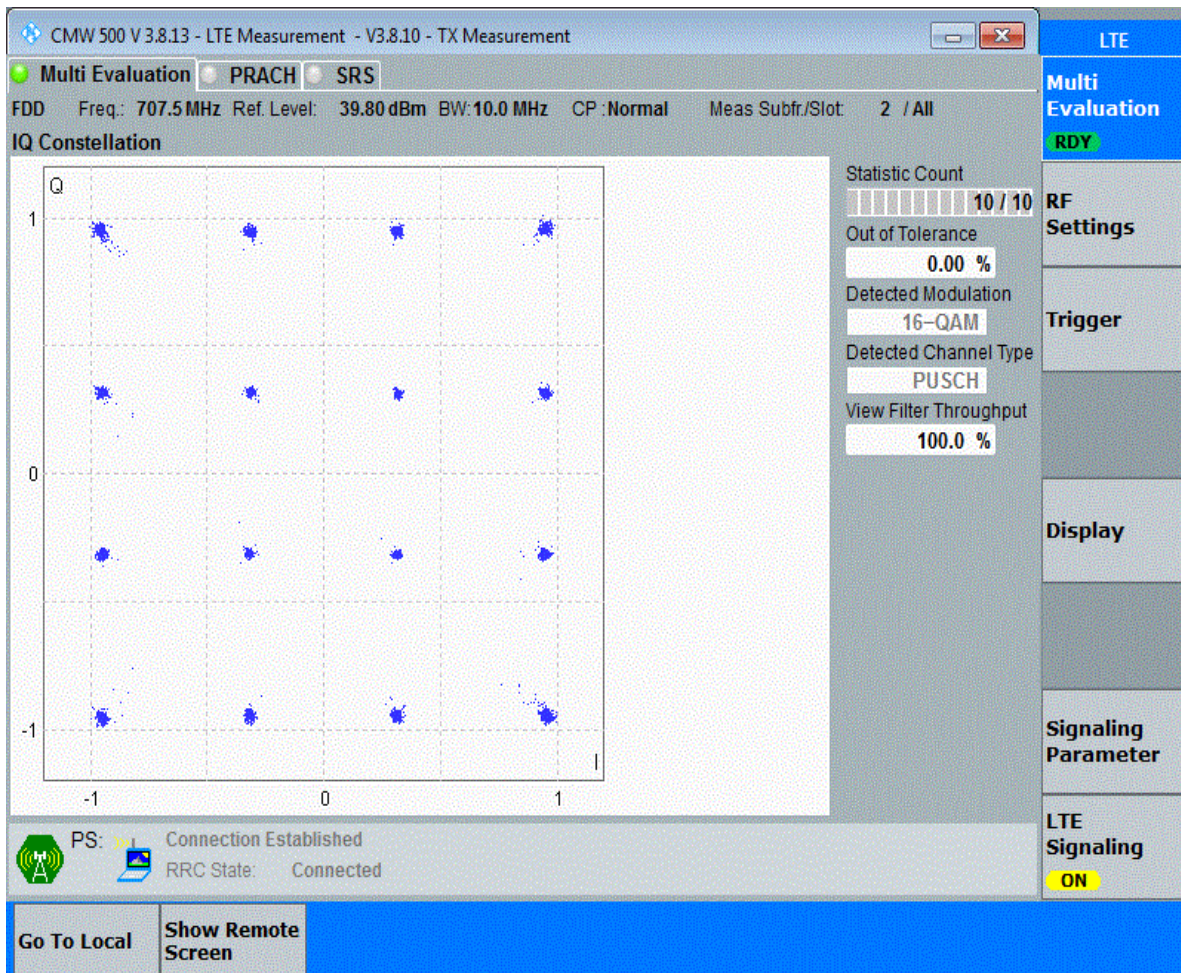
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

Test RB = RB50#0



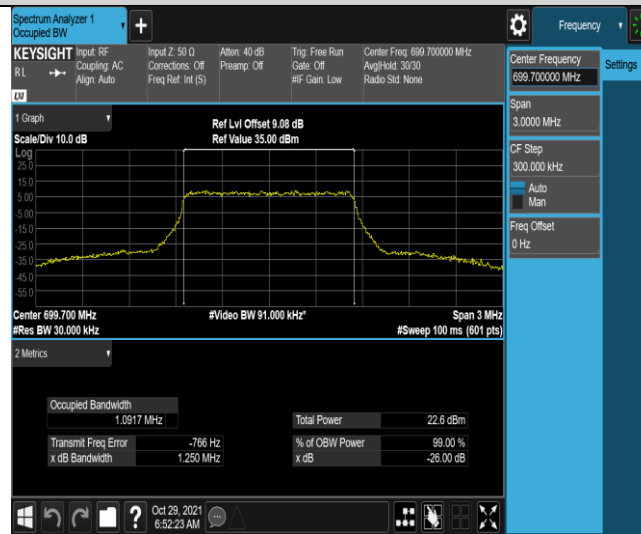
Appendix D: Bandwidth

Test Results

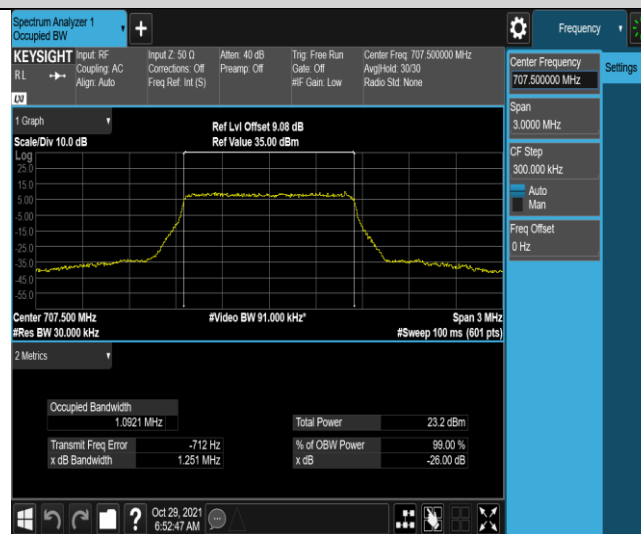
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0917	1.250	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0921	1.251	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0908	1.258	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0914	1.252	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0890	1.268	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0900	1.257	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6981	2.913	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6969	2.912	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6949	2.921	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6910	2.920	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6934	2.913	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6879	2.916	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5099	4.909	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4896	4.858	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5058	4.903	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5080	4.863	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4969	4.891	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5047	4.868	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9559	9.522	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9364	9.493	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9700	9.545	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9400	9.534	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9310	9.497	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9660	9.518	PASS

Test Plots

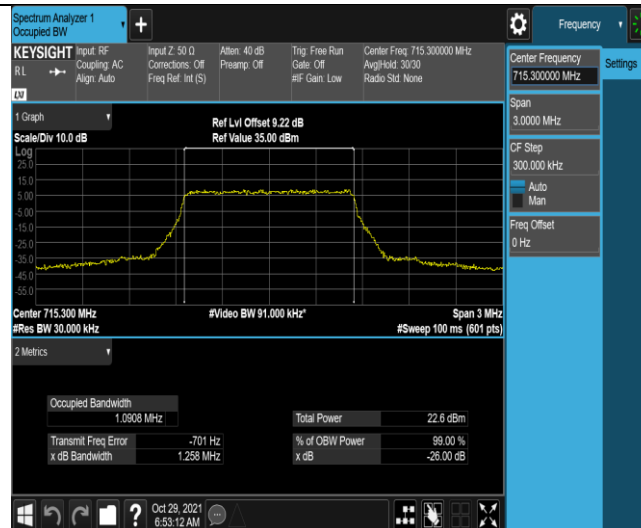
Band12-1.4MHz-QPSK-23017-6RB#0



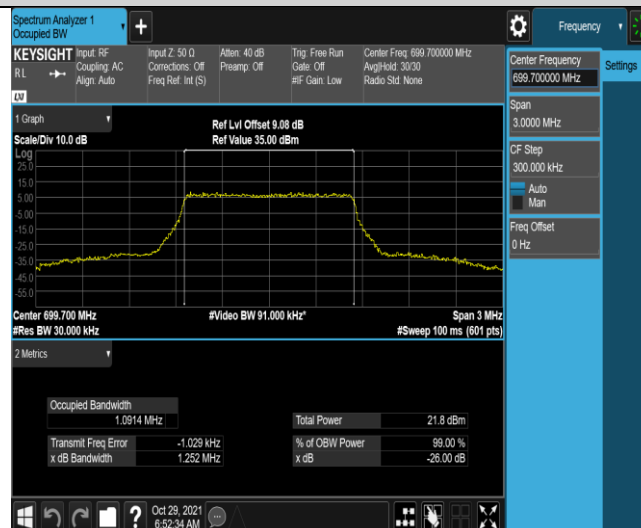
Band12-1.4MHz-QPSK-23095-6RB#0



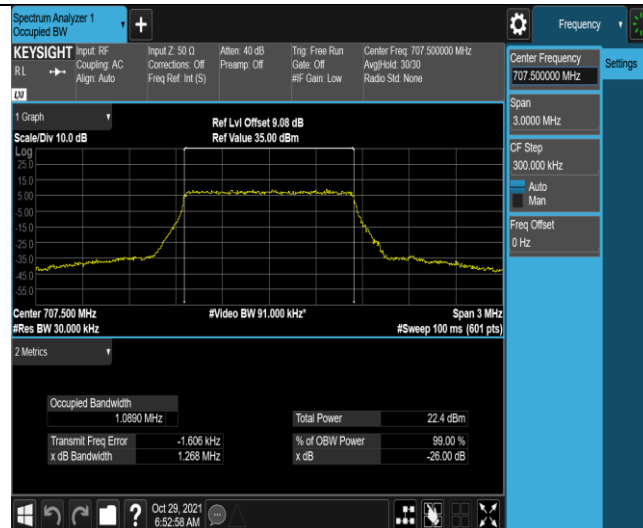
Band12-1.4MHz-QPSK-23173-6RB#0



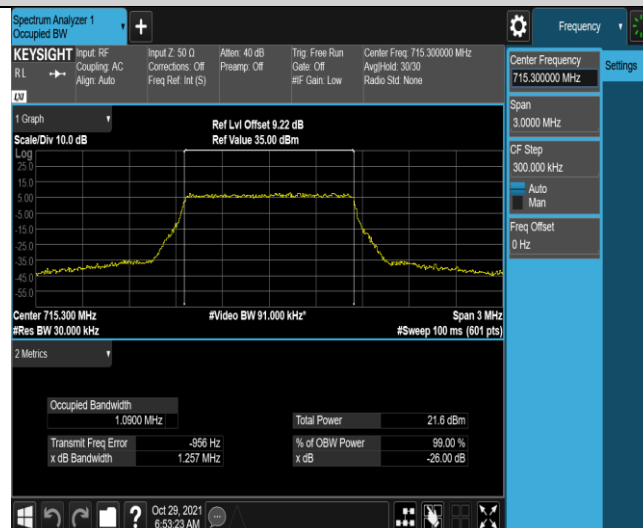
Band12-1.4MHz-16QAM-23017-6RB#0



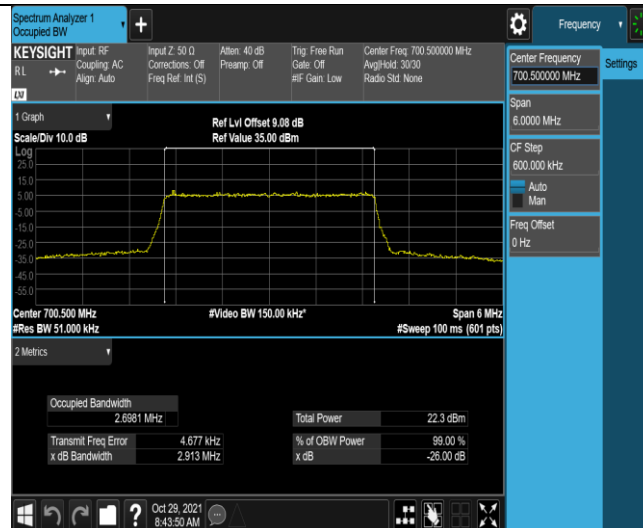
Band12-1.4MHz-16QAM-23095-6RB#0



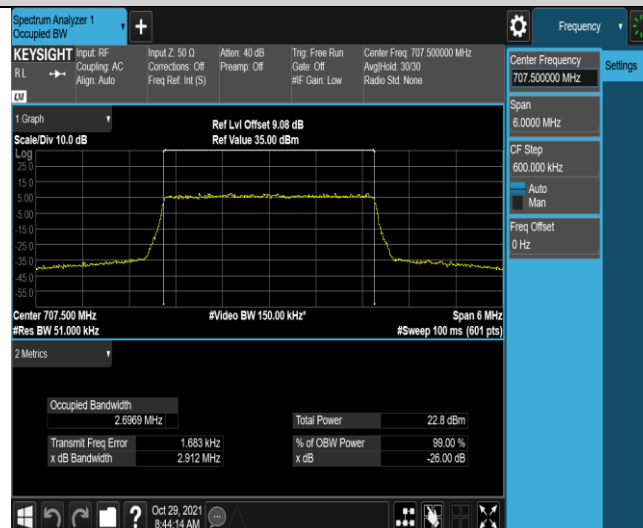
Band12-1.4MHz-16QAM-23173-6RB#0



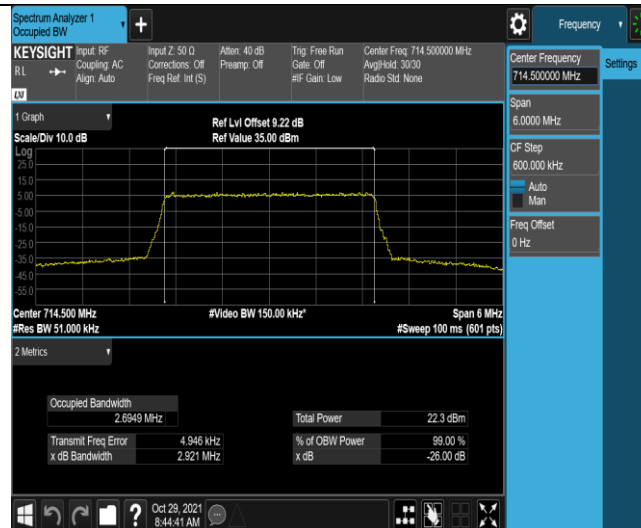
Band12-3MHz-QPSK-23025-15RB#0



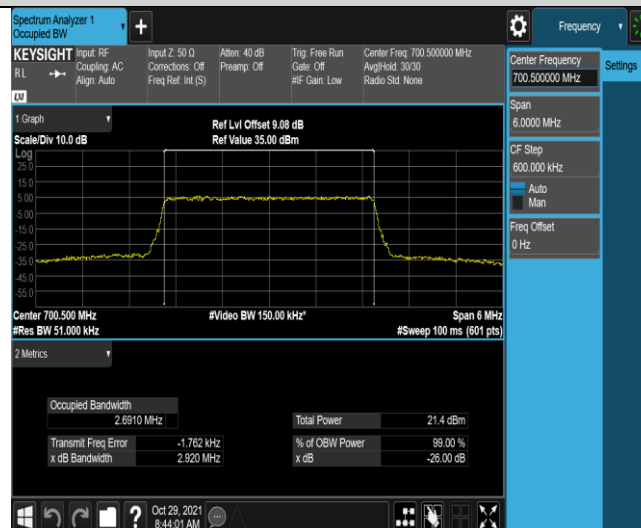
Band12-3MHz-QPSK-23095-15RB#0



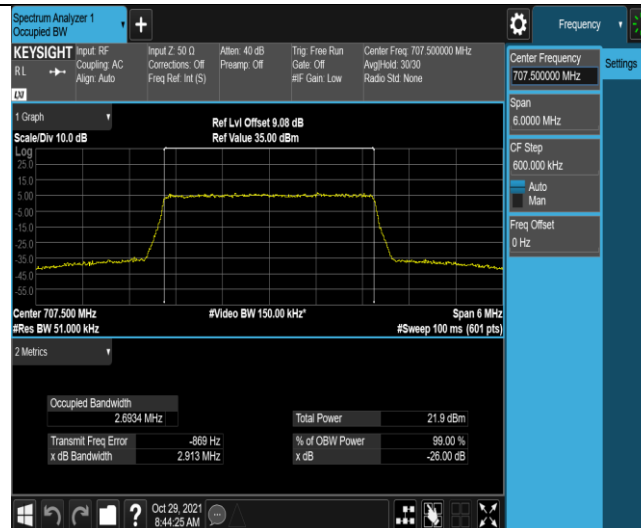
Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-15RB#0



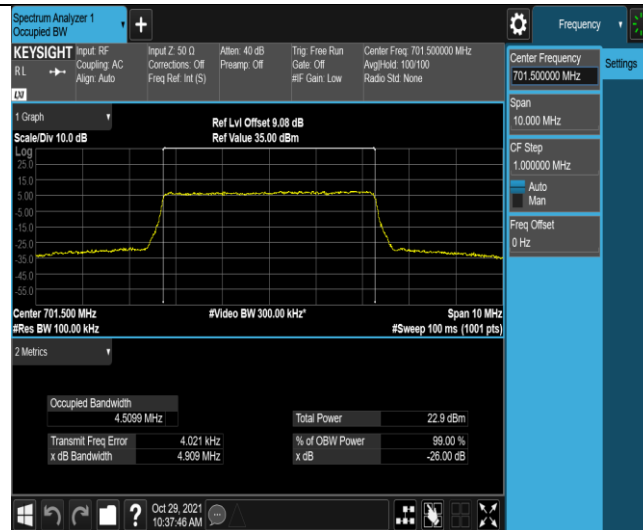
Band12-3MHz-16QAM-23095-15RB#0



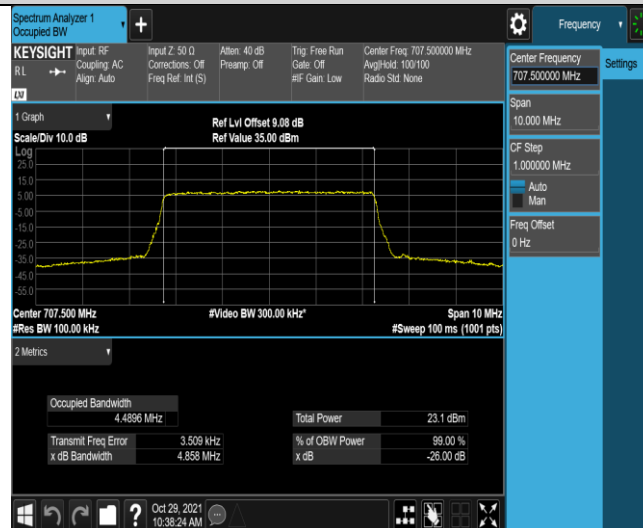
Band12-3MHz-16QAM-23165-15RB#0



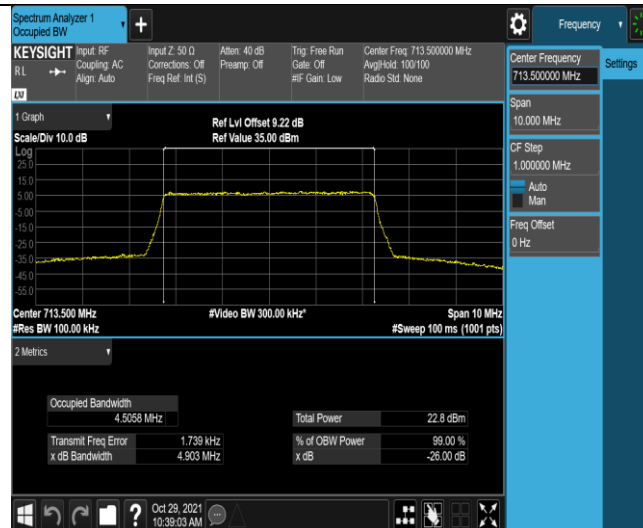
Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



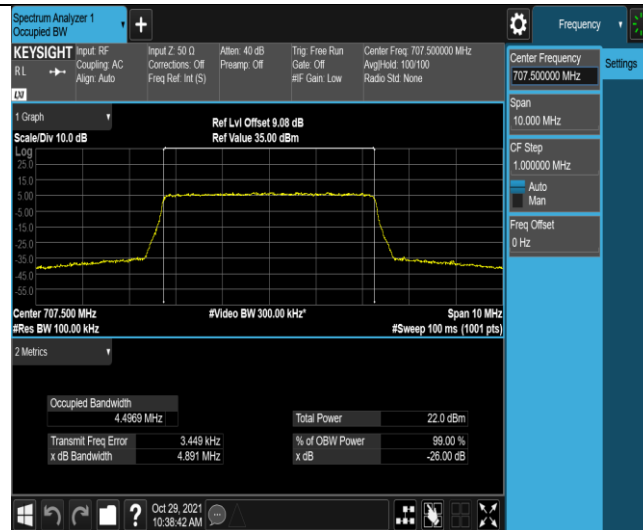
Band12-5MHz-QPSK-23155-25RB#0



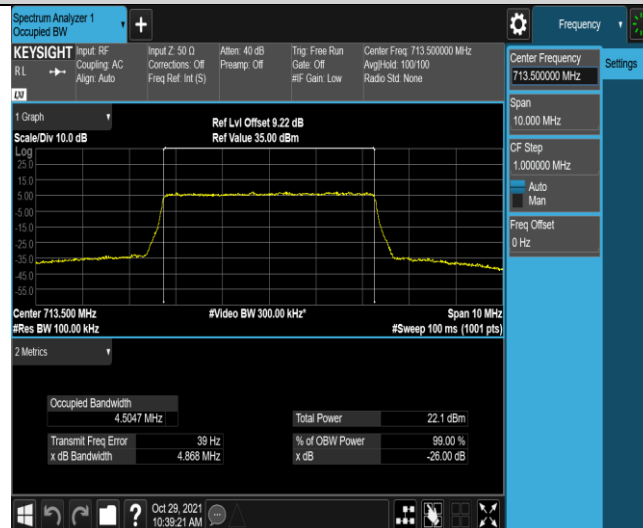
Band12-5MHz-16QAM-23035-25RB#0



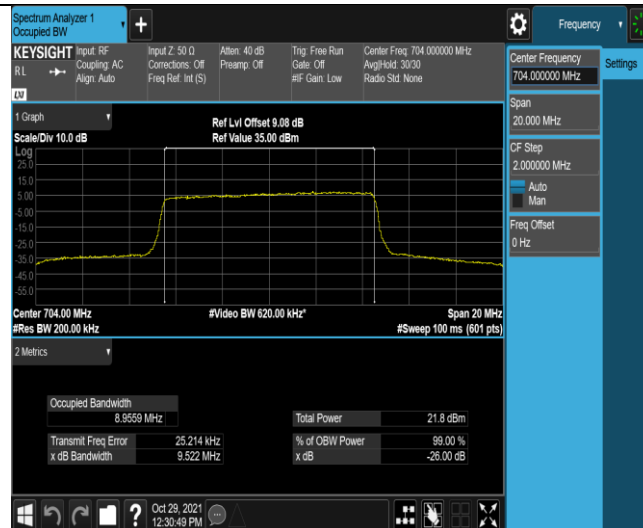
Band12-5MHz-16QAM-23095-25RB#0



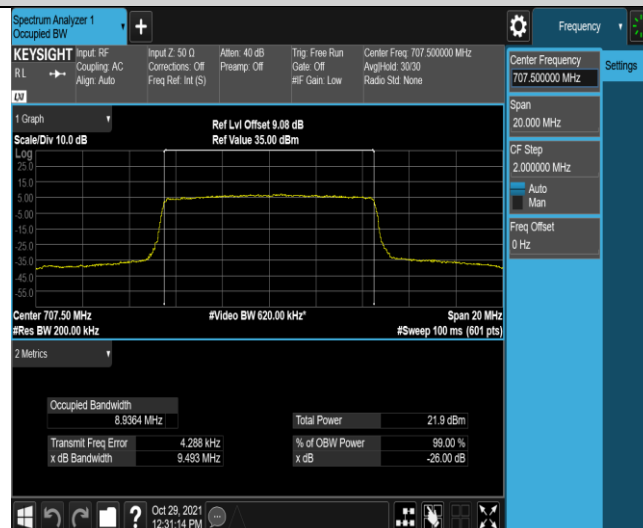
Band12-5MHz-16QAM-23155-25RB#0



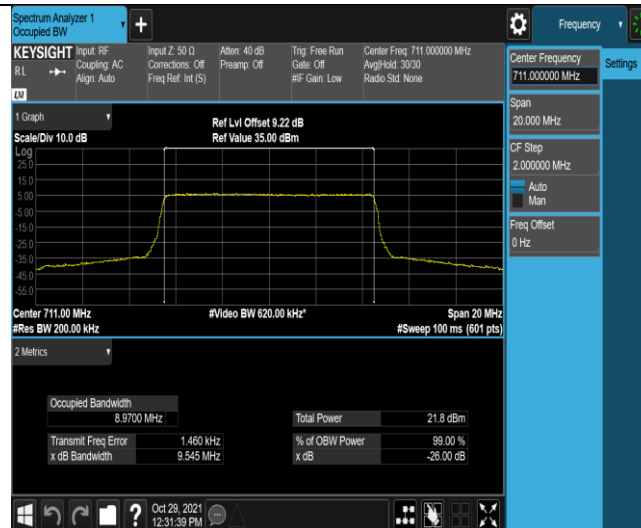
Band12-10MHz-QPSK-23060-50RB#0



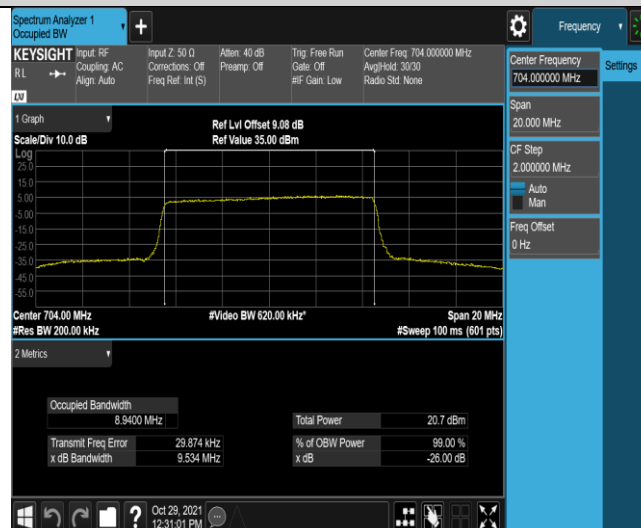
Band12-10MHz-QPSK-23095-50RB#0



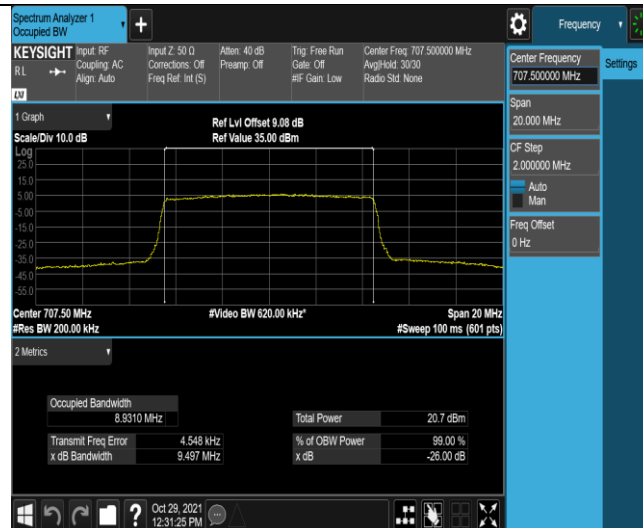
Band12-10MHz-QPSK-23130-50RB#0



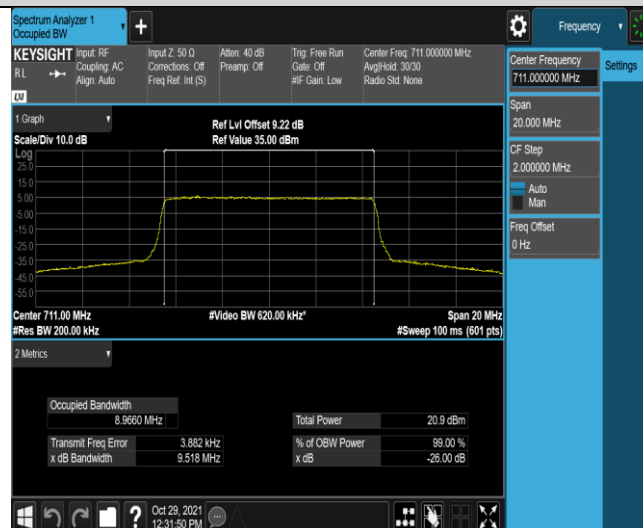
Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



Appendix E: Band Edges Compliance

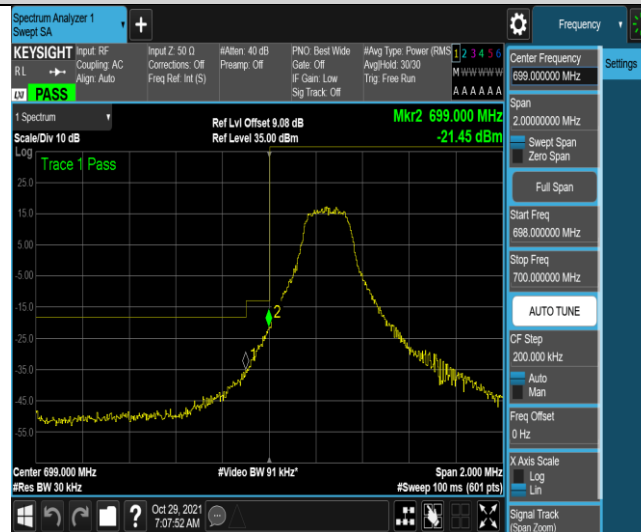
Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-35.26,-21.45	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-38.79,-48.43	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-28.89,-25.56	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-48.39,-39.00	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-20.61,-32.53	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.30,-34.24	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-33.68,-22.64	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-39.96,-49.10	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.74,-27.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-48.01,-40.47	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-19.34,-32.06	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-27.45,-33.10	PASS
Band12	3MHz	QPSK	23025	1RB#0	-32.14,-17.04	PASS
Band12	3MHz	QPSK	23025	1RB#14	-42.66,-49.29	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.89,-23.26	PASS
Band12	3MHz	QPSK	23165	1RB#0	-47.84,-41.55	PASS
Band12	3MHz	QPSK	23165	1RB#14	-17.68,-34.00	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.06,-34.97	PASS
Band12	3MHz	16QAM	23025	1RB#0	-32.37,-17.31	PASS
Band12	3MHz	16QAM	23025	1RB#14	-43.00,-50.06	PASS
Band12	3MHz	16QAM	23025	15RB#0	-30.50,-24.57	PASS
Band12	3MHz	16QAM	23165	1RB#0	-48.20,-42.73	PASS
Band12	3MHz	16QAM	23165	1RB#14	-18.55,-32.45	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.69,-36.59	PASS
Band12	5MHz	QPSK	23035	1RB#0	-16.78	PASS
Band12	5MHz	QPSK	23035	1RB#24	-51.06	PASS
Band12	5MHz	QPSK	23035	25RB#0	-22.09	PASS
Band12	5MHz	QPSK	23155	1RB#0	-50.48	PASS
Band12	5MHz	QPSK	23155	1RB#24	-13.92	PASS
Band12	5MHz	QPSK	23155	25RB#0	-23.36	PASS
Band12	5MHz	16QAM	23035	1RB#0	-15.02	PASS
Band12	5MHz	16QAM	23035	1RB#24	-51.67	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.13	PASS
Band12	5MHz	16QAM	23155	1RB#0	-50.32	PASS
Band12	5MHz	16QAM	23155	1RB#24	-15.26	PASS
Band12	5MHz	16QAM	23155	25RB#0	-24.74	PASS
Band12	10MHz	QPSK	23060	1RB#0	-32.40,-24.12	PASS
Band12	10MHz	QPSK	23060	1RB#49	-49.15,-46.34	PASS
Band12	10MHz	QPSK	23060	50RB#0	-30.18,-27.91	PASS
Band12	10MHz	QPSK	23130	1RB#0	-43.78,-45.23	PASS
Band12	10MHz	QPSK	23130	1RB#49	-24.68,-32.97	PASS
Band12	10MHz	QPSK	23130	50RB#0	-27.77,-30.27	PASS

Total Quality. Assured.

Band12	10MHz	16QAM	23060	1RB#0	-28.18,-22.69	PASS
Band12	10MHz	16QAM	23060	1RB#49	-46.43,-44.96	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.99,-30.43	PASS
Band12	10MHz	16QAM	23130	1RB#0	-43.71,-45.53	PASS
Band12	10MHz	16QAM	23130	1RB#49	-21.71,-29.34	PASS
Band12	10MHz	16QAM	23130	50RB#0	-28.03,-31.26	PASS

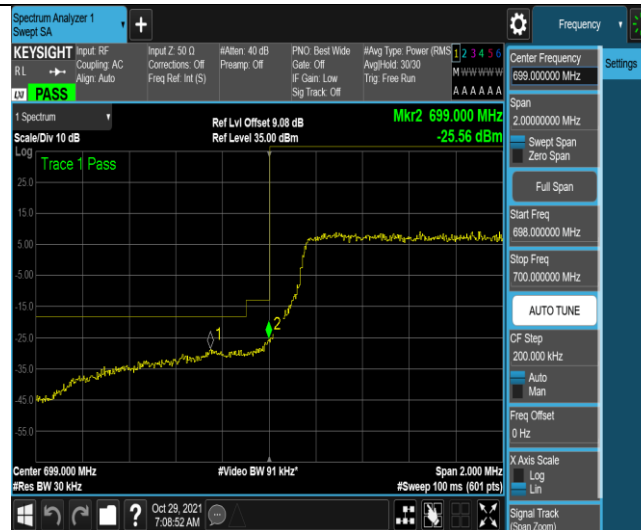
Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-1RB#5



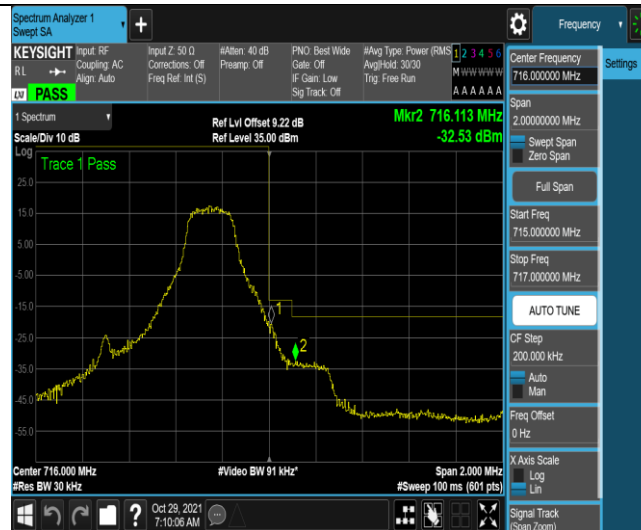
Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23173-1RB#0



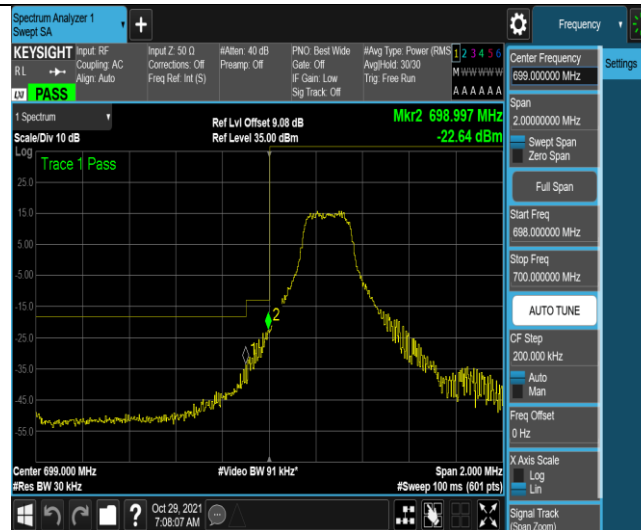
Band12-1.4MHz-QPSK-23173-1RB#5



Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-1RB#5



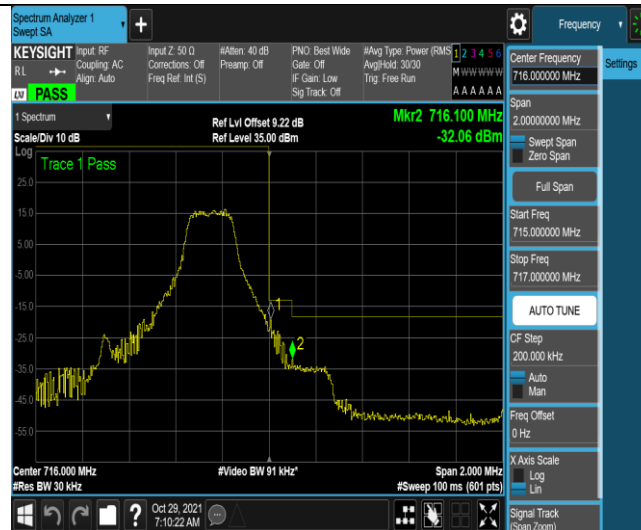
Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23173-1RB#0



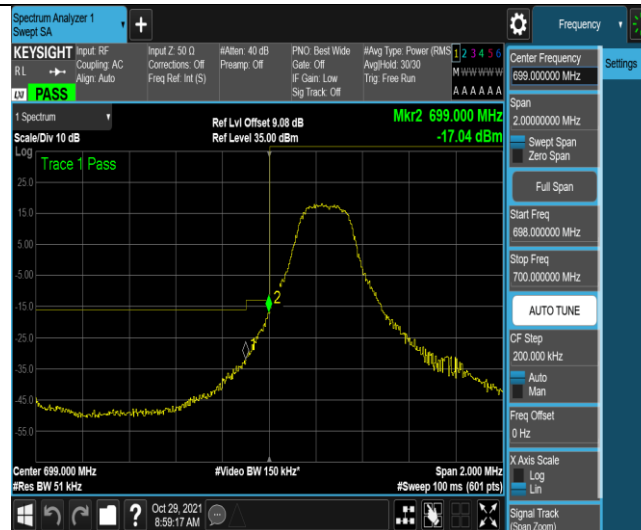
Band12-1.4MHz-16QAM-23173-1RB#5



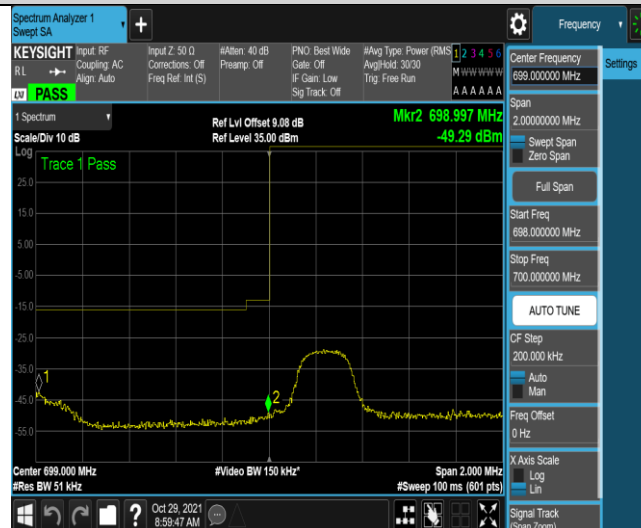
Band12-1.4MHz-16QAM-23173-6RB#0



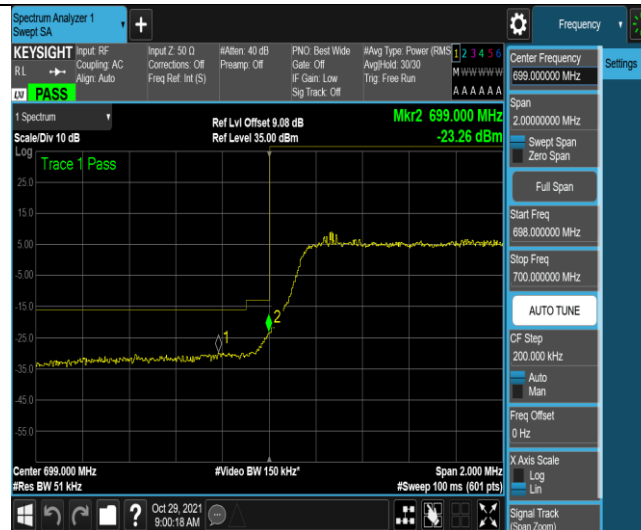
Band12-3MHz-QPSK-23025-1RB#0



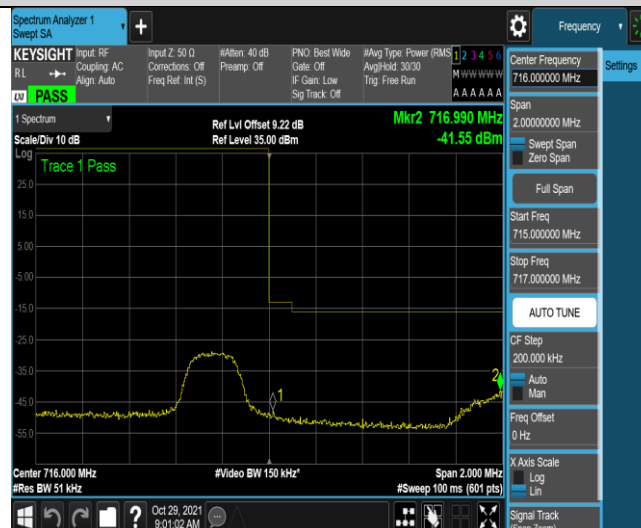
Band12-3MHz-QPSK-23025-1RB#14



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23165-1RB#0



Band12-3MHz-QPSK-23165-1RB#14