

Appendix for LTE B5 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
Band5	1.4MHz	QPSK	20407	1RB#0	21.73	23.62	38.5	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.64	24.53	38.5	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.55	24.44	38.5	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.85	24.74	38.5	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.91	24.8	38.5	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.96	24.85	38.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.72	23.61	38.5	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.81	24.7	38.5	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.26	25.15	38.5	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.90	24.79	38.5	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.98	24.87	38.5	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.96	24.85	38.5	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.00	24.89	38.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.01	23.9	38.5	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.24	25.13	38.5	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.39	25.28	38.5	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.35	25.24	38.5	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.15	25.04	38.5	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.33	25.22	38.5	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.27	25.16	38.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.20	24.09	38.5	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.05	23.94	38.5	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.85	23.74	38.5	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.82	23.71	38.5	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.72	23.61	38.5	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.73	23.62	38.5	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.69	23.58	38.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.79	22.68	38.5	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.32	24.21	38.5	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.14	24.03	38.5	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.06	23.95	38.5	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.86	23.75	38.5	PASS

Total Quality. Assured.

Band5	1.4MHz	16QAM	20525	3RB#1	21.84	23.73	38.5	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.85	23.74	38.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.15	23.04	38.5	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.25	24.14	38.5	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.65	24.54	38.5	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.50	24.39	38.5	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.01	23.9	38.5	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.89	23.78	38.5	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.03	23.92	38.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.37	23.26	38.5	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.68	24.57	38.5	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.56	24.45	38.5	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.70	24.59	38.5	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.73	23.62	38.5	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.64	23.53	38.5	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.79	23.68	38.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.66	23.55	38.5	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.86	24.75	38.5	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.23	25.12	38.5	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.28	25.17	38.5	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.08	23.97	38.5	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.97	23.86	38.5	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.04	23.93	38.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.93	23.82	38.5	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.21	25.1	38.5	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.14	25.03	38.5	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.20	25.09	38.5	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.25	24.14	38.5	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.34	24.23	38.5	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.25	24.14	38.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.16	24.05	38.5	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.94	23.83	38.5	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.55	23.44	38.5	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.72	23.61	38.5	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.85	22.74	38.5	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.84	22.73	38.5	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.84	22.73	38.5	PASS

Total Quality. Assured.

Band5	3MHz	16QAM	20415	15RB#0	20.80	22.69	38.5	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.83	23.72	38.5	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.00	23.89	38.5	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.11	24	38.5	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.17	23.06	38.5	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.18	23.07	38.5	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.06	22.95	38.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.92	22.81	38.5	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.31	24.2	38.5	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.49	24.38	38.5	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.12	24.01	38.5	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.13	23.02	38.5	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.18	23.07	38.5	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.04	22.93	38.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.07	22.96	38.5	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.69	24.58	38.5	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.92	24.81	38.5	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.87	24.76	38.5	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.51	23.4	38.5	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.56	23.45	38.5	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.90	23.79	38.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.69	23.58	38.5	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.95	24.84	38.5	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.20	25.09	38.5	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.14	25.03	38.5	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.96	23.85	38.5	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.94	23.83	38.5	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.95	23.84	38.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.95	23.84	38.5	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.73	24.62	38.5	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.35	25.24	38.5	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.20	25.09	38.5	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.03	23.92	38.5	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.00	23.89	38.5	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.23	24.12	38.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.12	24.01	38.5	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.64	23.53	38.5	PASS

Total Quality. Assured.

Band5	5MHz	16QAM	20425	1RB#12	21.69	23.58	38.5	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.06	23.95	38.5	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.35	22.24	38.5	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.71	22.6	38.5	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.90	22.79	38.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.70	22.59	38.5	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.90	23.79	38.5	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.99	23.88	38.5	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.10	23.99	38.5	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.08	22.97	38.5	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.89	22.78	38.5	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.05	22.94	38.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.90	22.79	38.5	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.94	23.83	38.5	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.33	24.22	38.5	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.10	23.99	38.5	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.14	23.03	38.5	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.11	23	38.5	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.15	23.04	38.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.19	23.08	38.5	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.59	24.48	38.5	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.03	24.92	38.5	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.88	24.77	38.5	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.94	23.83	38.5	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.91	23.8	38.5	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.04	23.93	38.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.98	23.87	38.5	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.71	24.6	38.5	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.21	25.1	38.5	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.91	24.8	38.5	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.96	23.85	38.5	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.02	23.91	38.5	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.99	23.88	38.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.86	23.75	38.5	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.04	24.93	38.5	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.90	24.79	38.5	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.04	24.93	38.5	PASS

Total Quality. Assured.

Band5	10MHz	QPSK	20600	25RB#0	22.13	24.02	38.5	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.15	24.04	38.5	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.14	24.03	38.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.10	23.99	38.5	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.73	23.62	38.5	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.38	24.27	38.5	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.96	23.85	38.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.98	22.87	38.5	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.00	22.89	38.5	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.09	22.98	38.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.87	22.76	38.5	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.83	23.72	38.5	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.30	24.19	38.5	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.04	23.93	38.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.02	22.91	38.5	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.02	22.91	38.5	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.28	23.17	38.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.88	22.77	38.5	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.95	23.84	38.5	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.52	24.41	38.5	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.04	23.93	38.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.10	22.99	38.5	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.27	23.16	38.5	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.22	23.11	38.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.12	23.01	38.5	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 5 is 4.04dBi.

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
Band5	1.4MHz	QPSK	20407	1RB#0	4.63	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.42	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.69	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.29	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.44	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.98	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.63	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.24	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.17	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.36	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.90	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.69	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.51	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.85	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.29	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.68	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.28	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.61	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.29	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.73	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.19	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.59	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.14	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.65	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.42	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.79	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.30	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.60	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.28	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.60	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.24	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.69	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.12	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.53	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.10	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.44	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.81	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.28	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.40	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.28	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.68	13	PASS

Total Quality. Assured.

Band5	10MHz	16QAM	20450	50RB#0	6.30	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.90	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.19	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.14	13	PASS

Appendix C: Modulation Characteristics

Test Plots

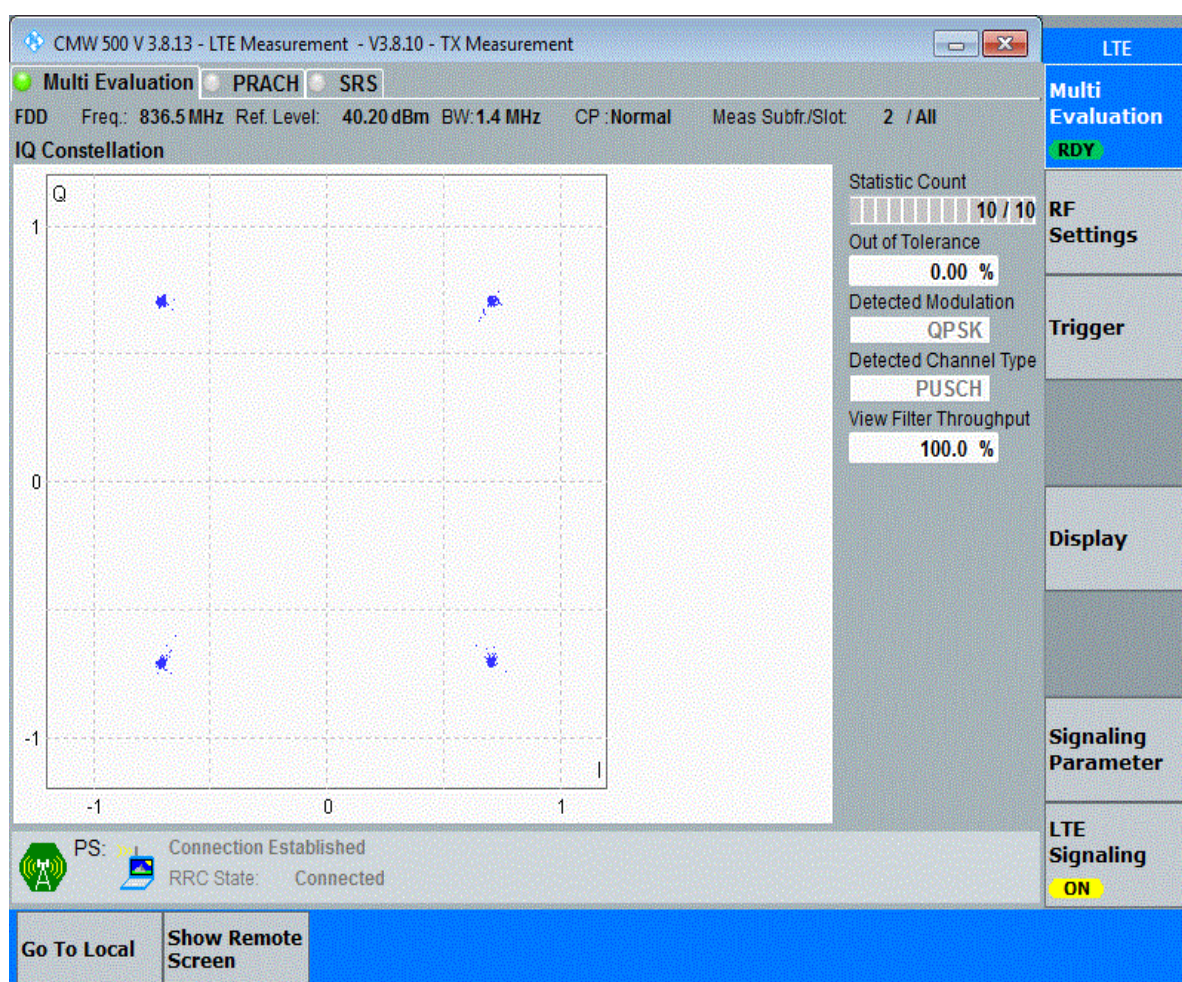
Test Band = BAND5

Test Mode = LTE/TM1

Test Bandwidth = 1.4MHz

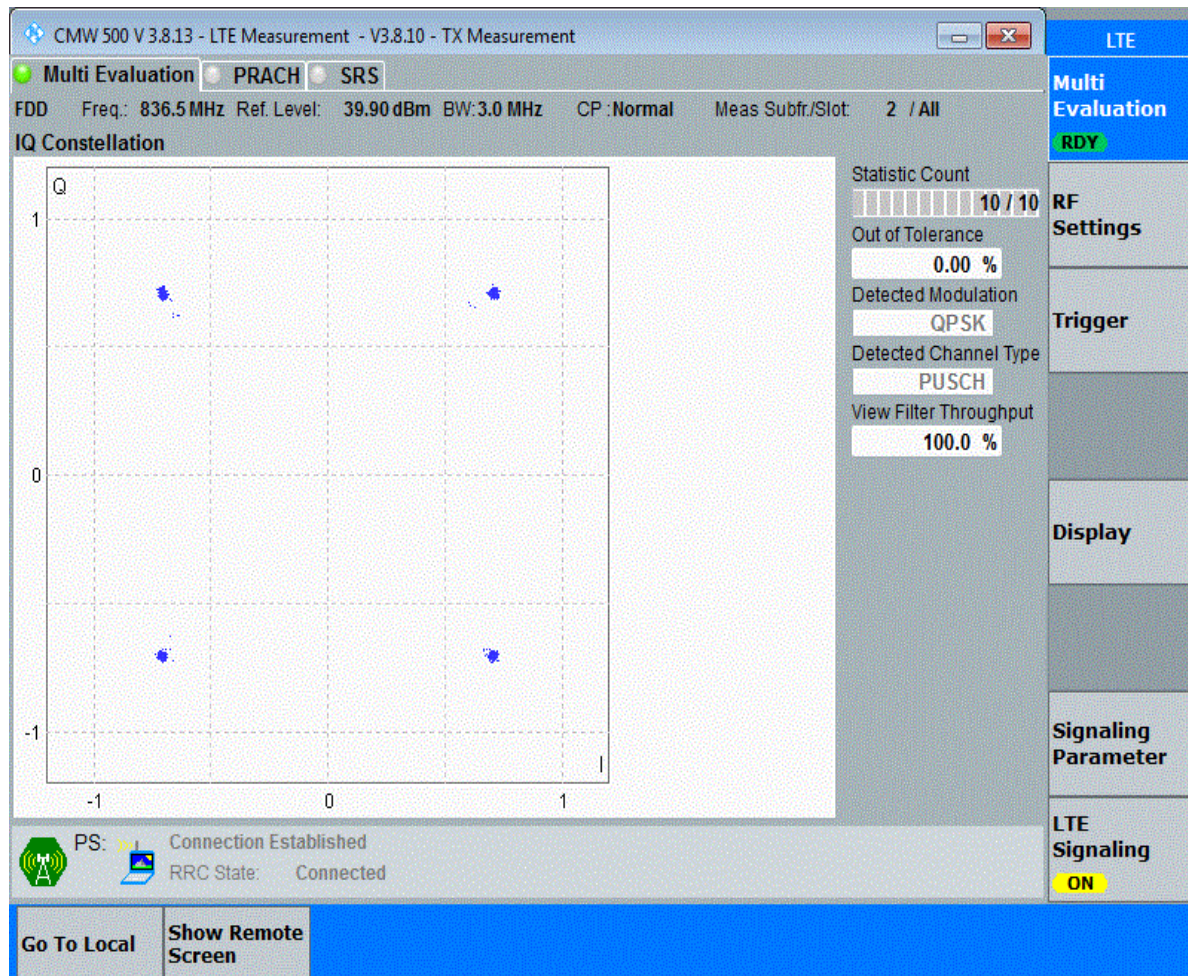
Test Channel = MCH

Test RB = RB6#0



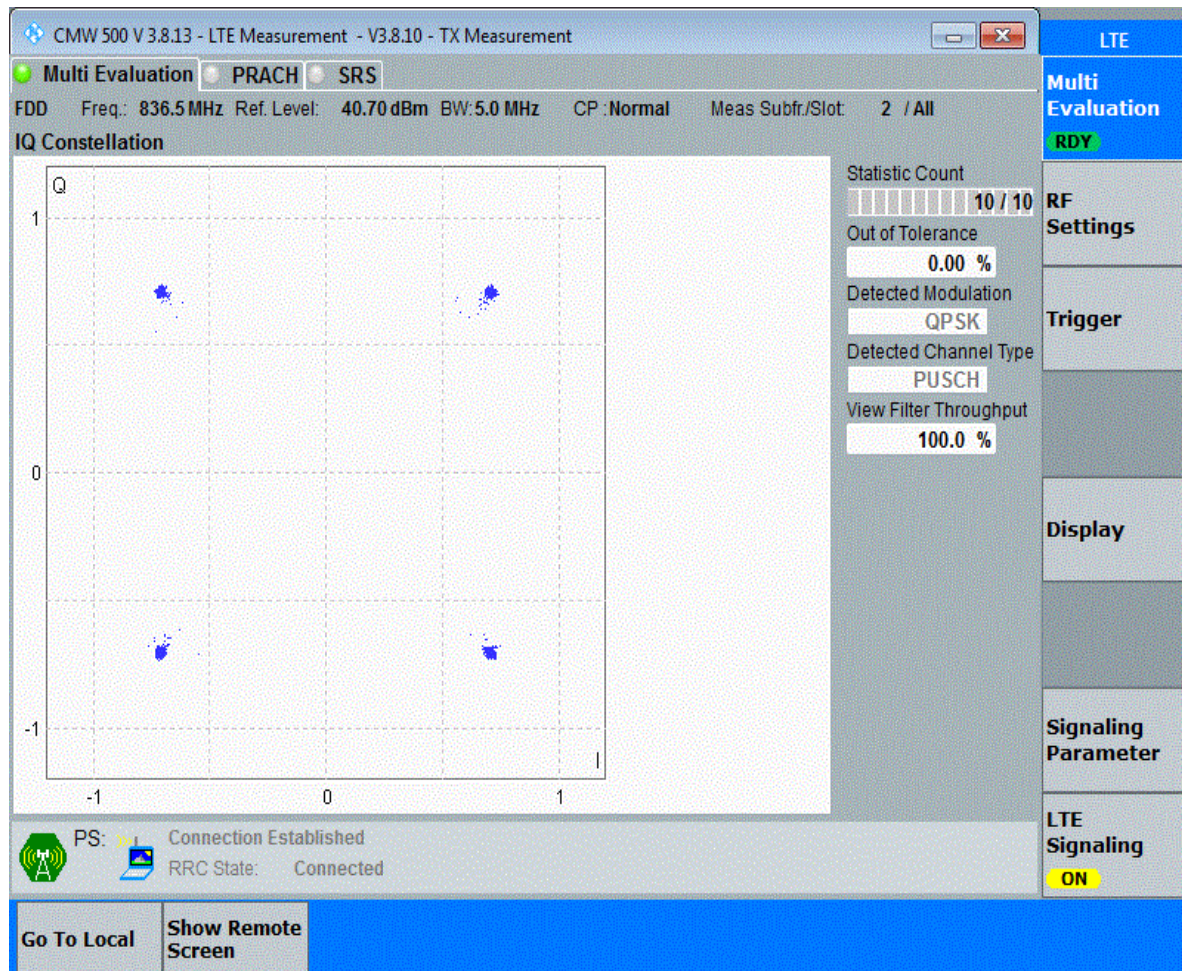
Test Channel = MCH

Test RB = RB15#0



Test Channel = MCH

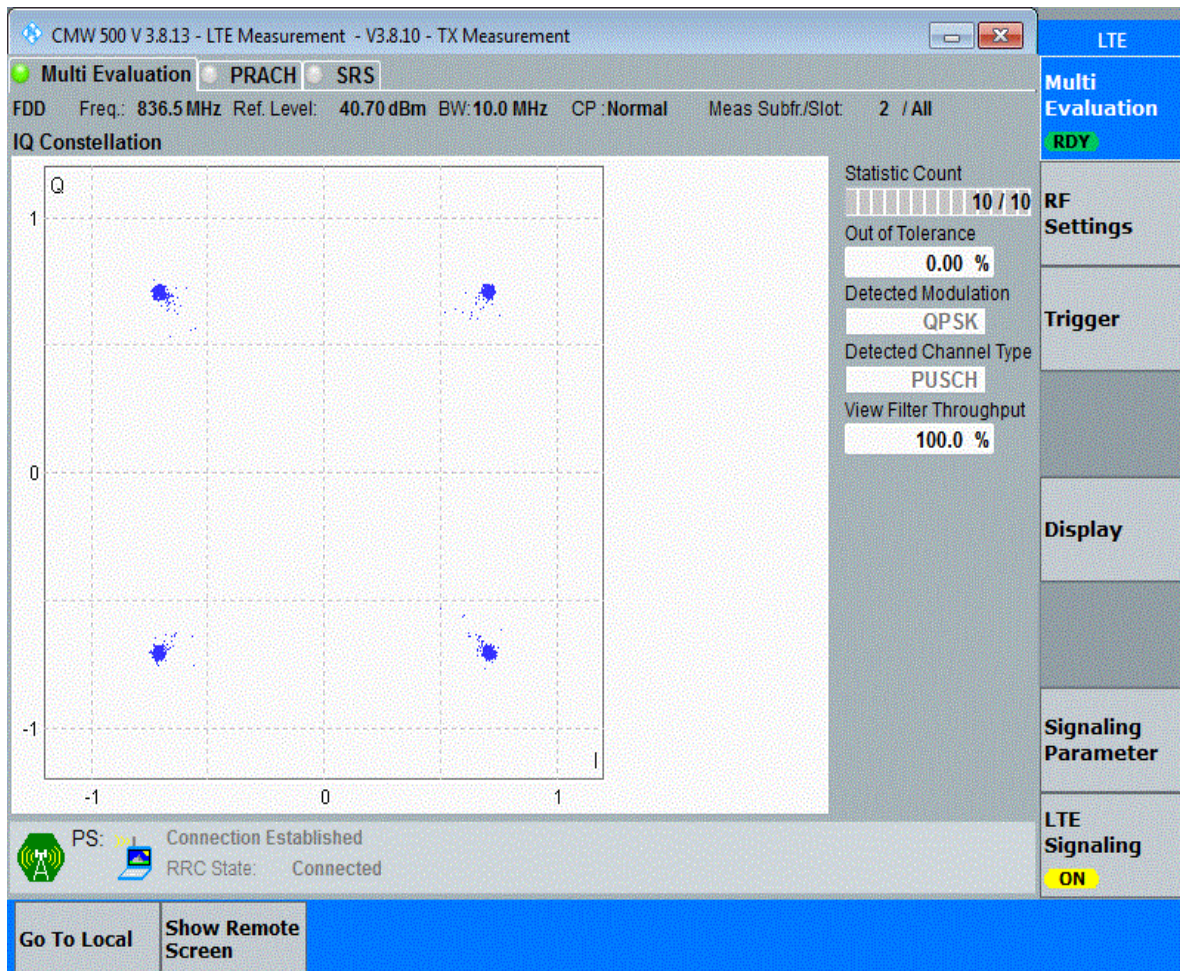
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

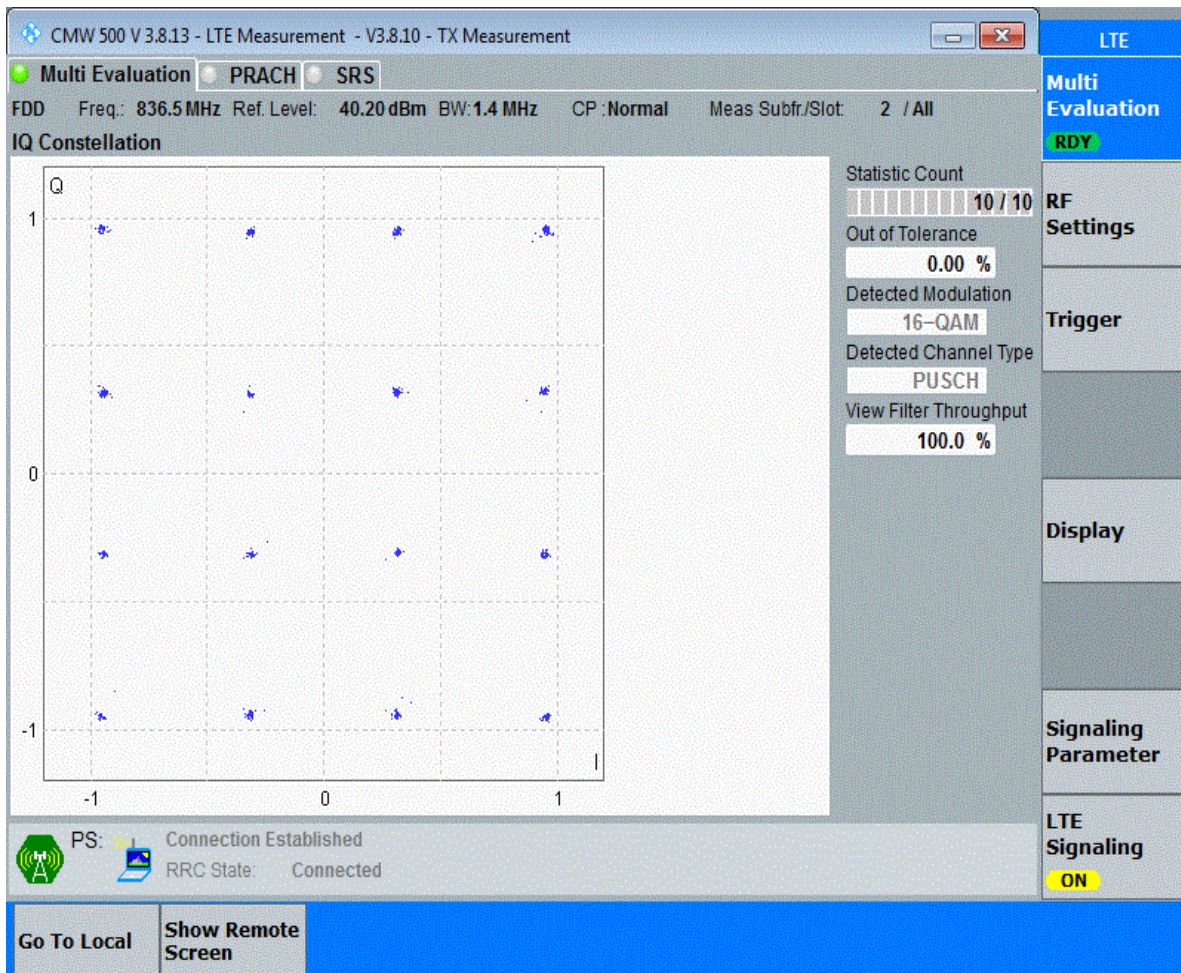
Test RB = RB50#0



Bandwidth = 1.4MHz

Test Channel = MCH

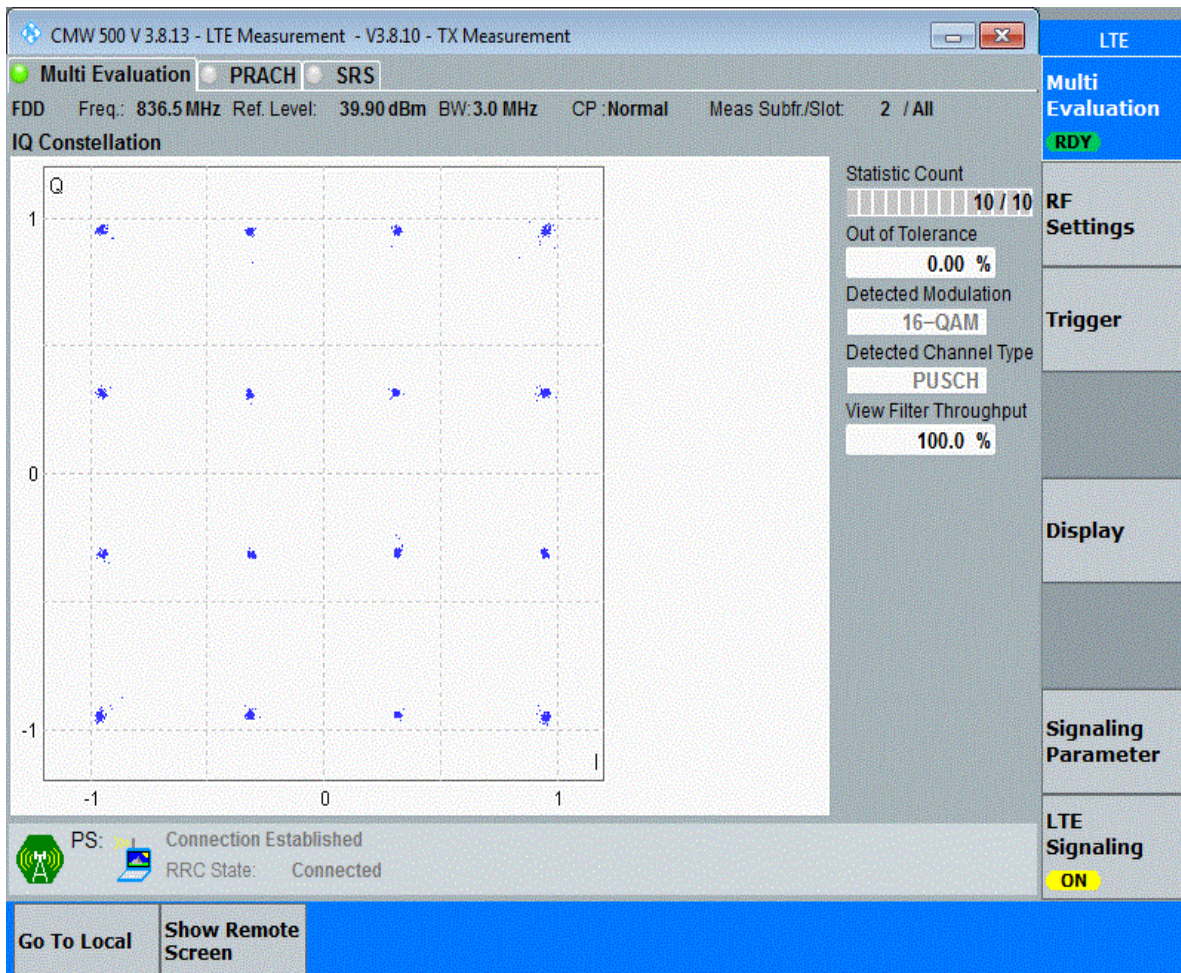
Test RB = RB6#0



Test Bandwidth = 3MHz

Test Channel = MCH

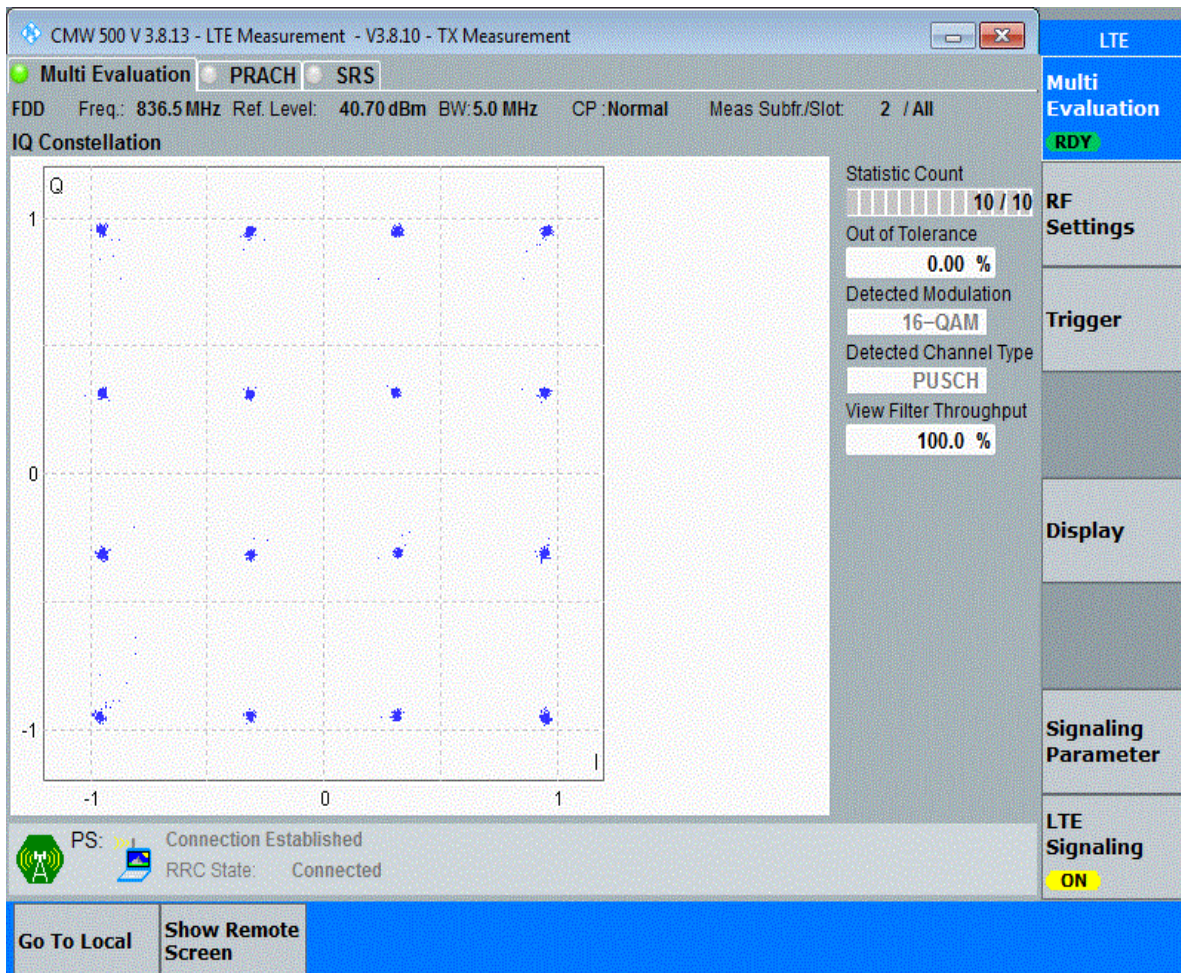
Test RB = RB15#0



Test Bandwidth = 5MHz

Test Channel = MCH

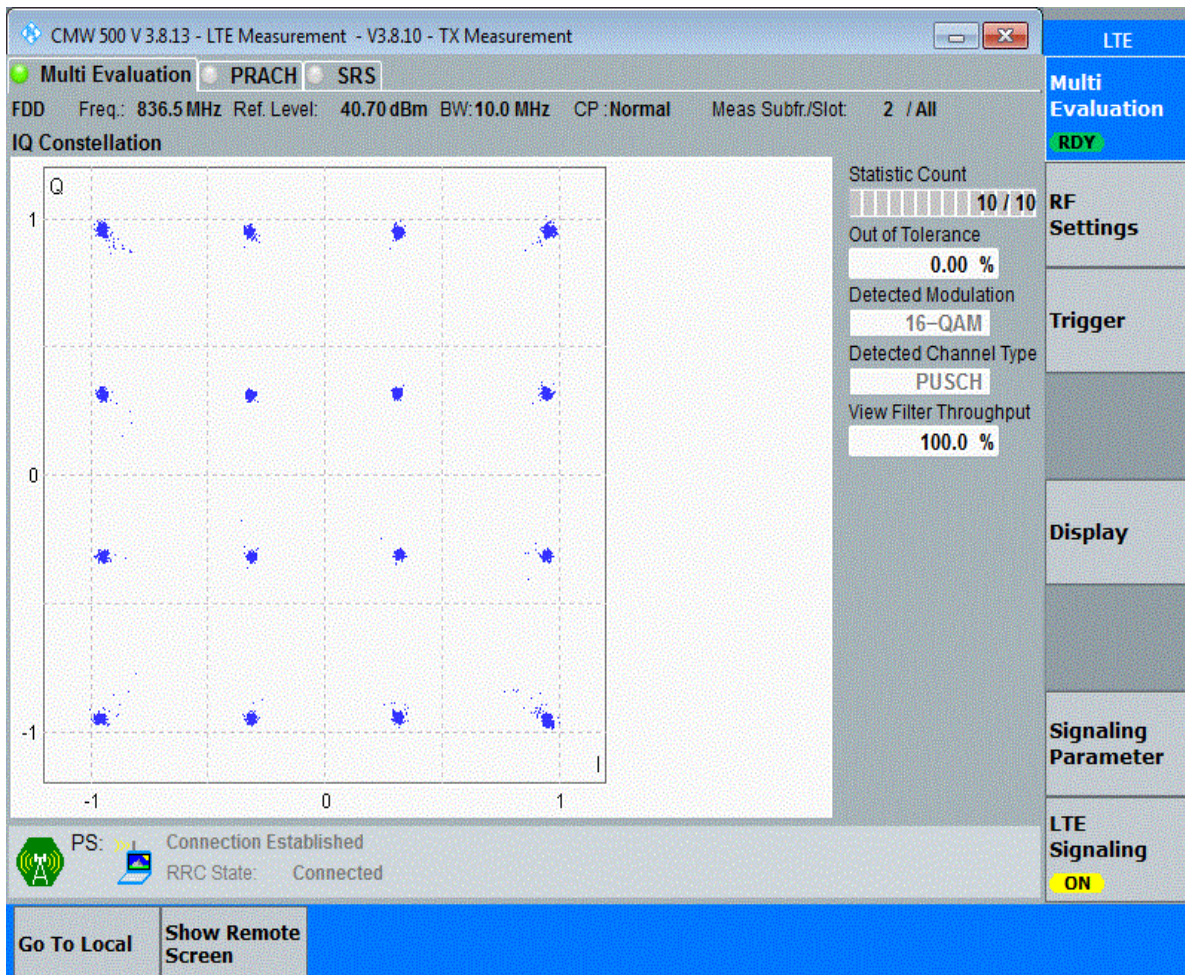
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

Test RB = RB50#0



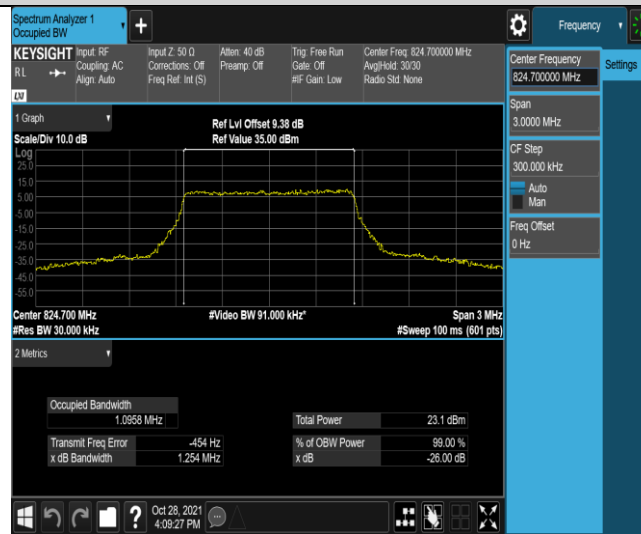
Appendix D: Bandwidth

Test Results

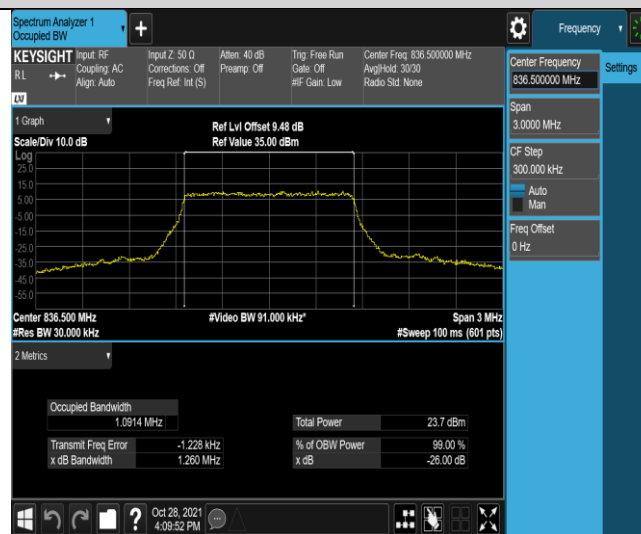
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0958	1.254	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0914	1.260	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0913	1.263	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0941	1.278	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0897	1.257	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0907	1.250	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6994	2.900	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6965	2.903	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6994	2.912	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6925	2.918	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6903	2.923	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6987	2.920	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5043	4.892	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5008	4.866	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5079	4.873	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5079	4.840	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4988	4.879	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5082	4.898	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9687	9.540	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9596	9.530	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9680	9.547	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9532	9.540	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9587	9.507	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9630	9.514	PASS

Test Plots

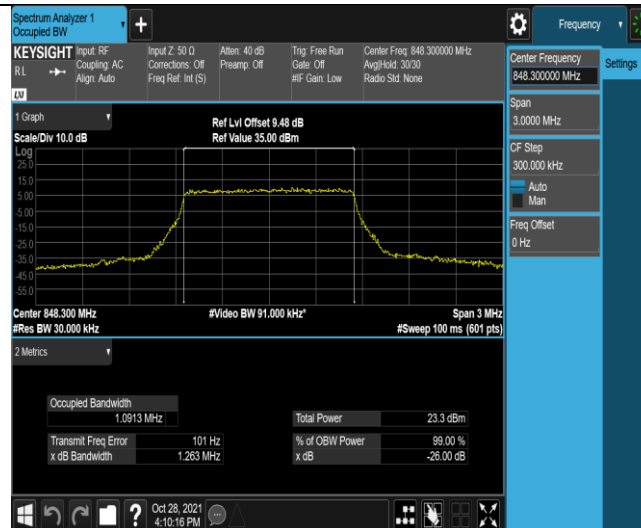
Band5-1.4MHz-QPSK-20407-6RB#0



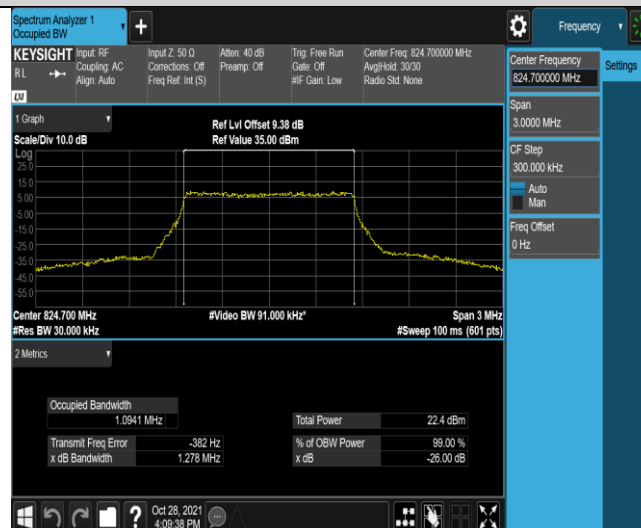
Band5-1.4MHz-QPSK-20525-6RB#0



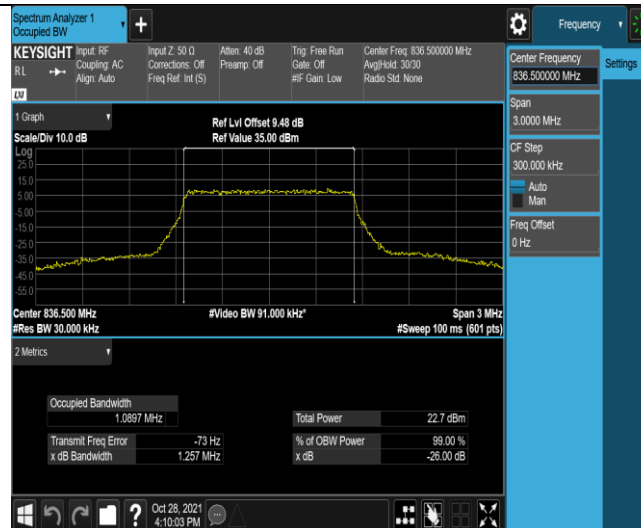
Band5-1.4MHz-QPSK-20643-6RB#0



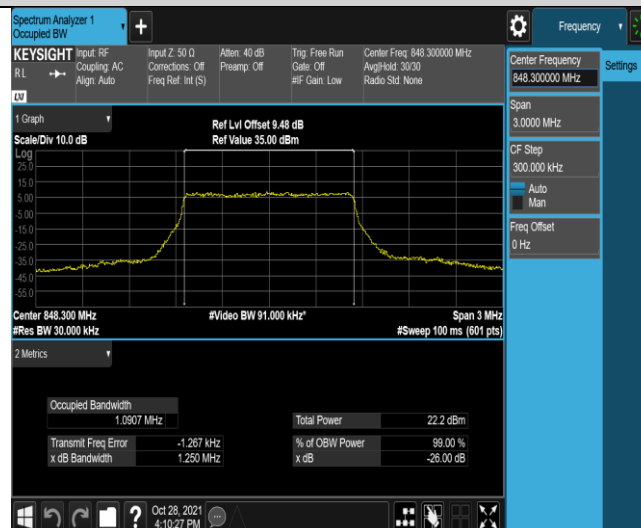
Band5-1.4MHz-16QAM-20407-6RB#0



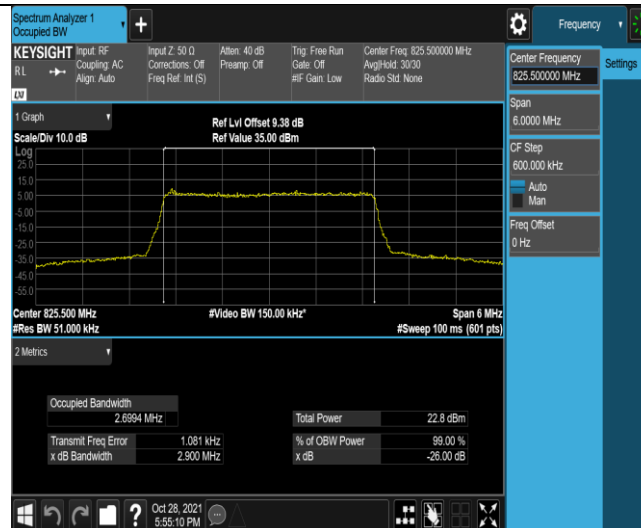
Band5-1.4MHz-16QAM-20525-6RB#0



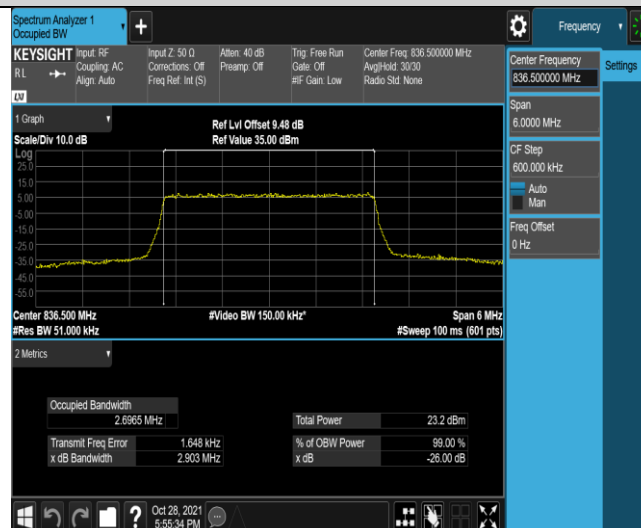
Band5-1.4MHz-16QAM-20643-6RB#0



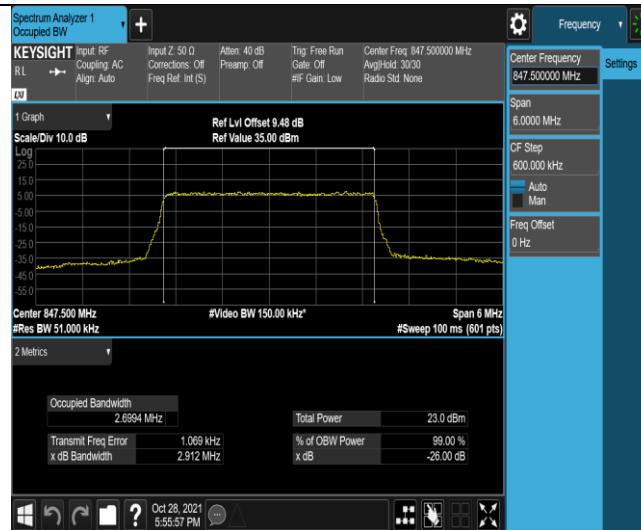
Band5-3MHz-QPSK-20415-15RB#0



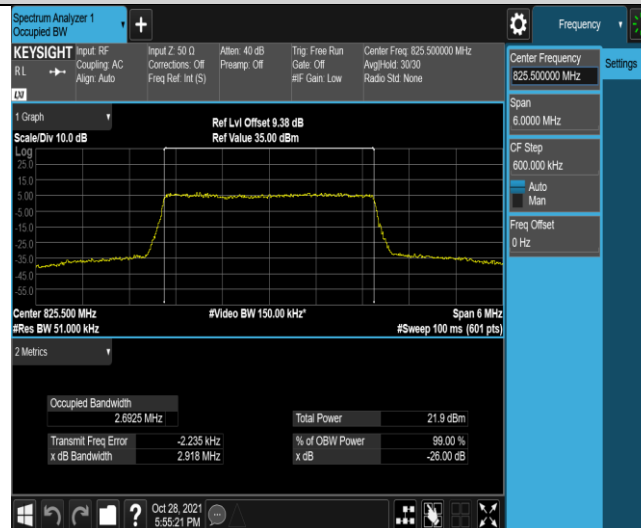
Band5-3MHz-QPSK-20525-15RB#0



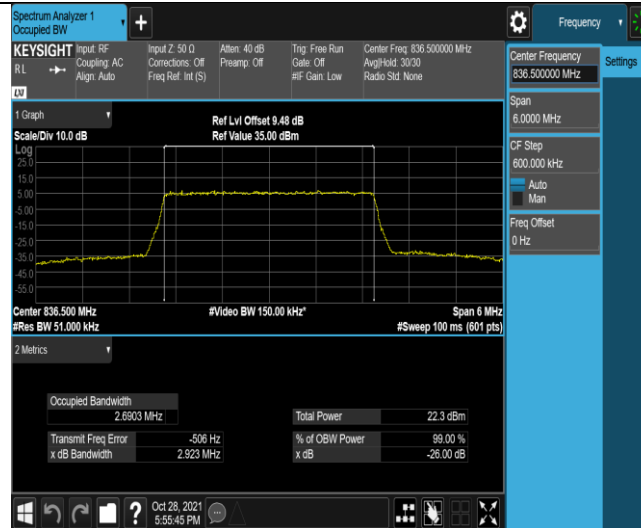
Band5-3MHz-QPSK-20635-15RB#0



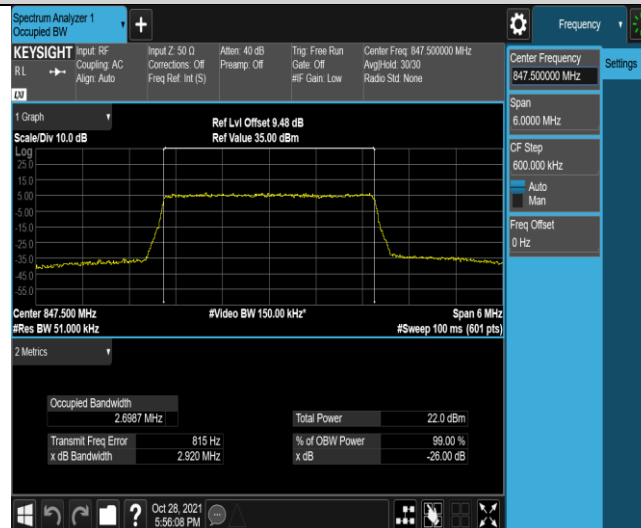
Band5-3MHz-16QAM-20415-15RB#0



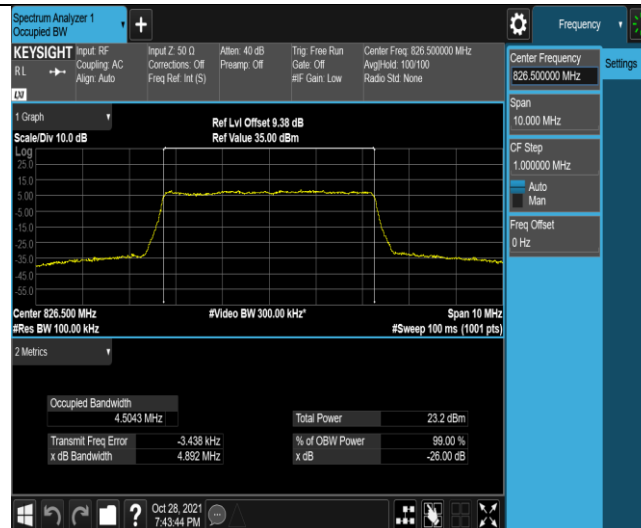
Band5-3MHz-16QAM-20525-15RB#0



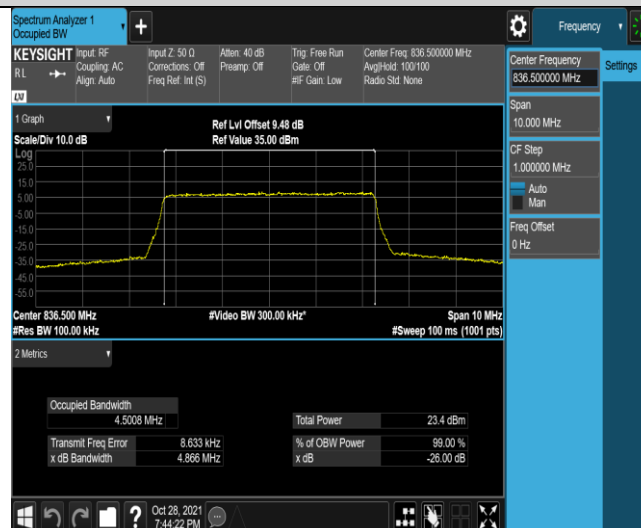
Band5-3MHz-16QAM-20635-15RB#0



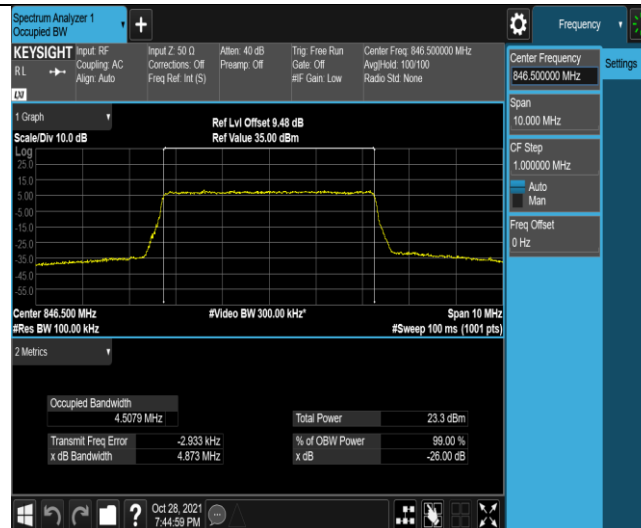
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



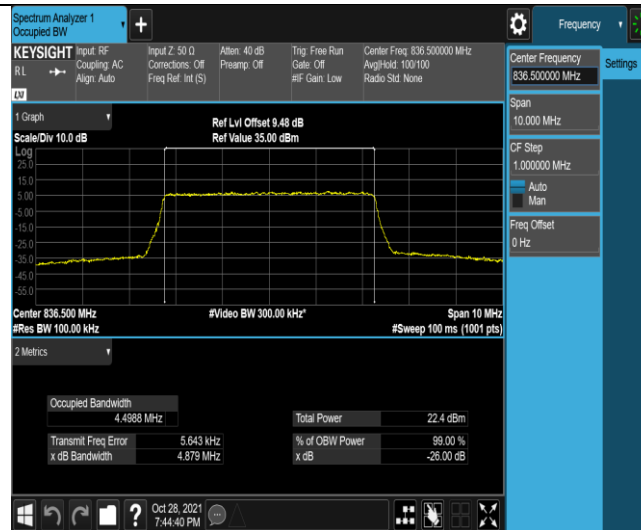
Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



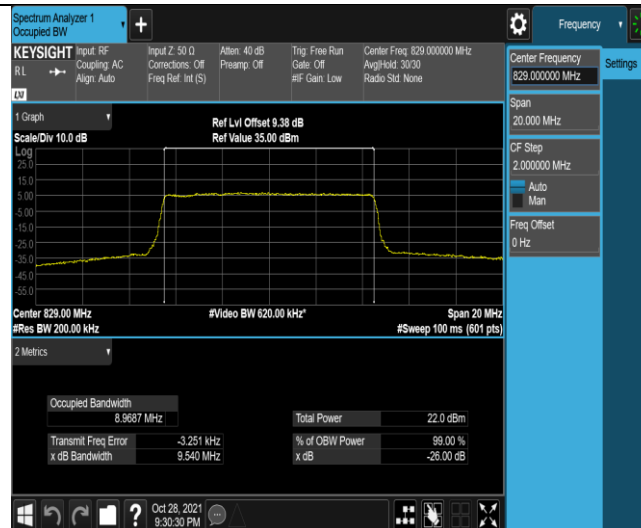
Band5-5MHz-16QAM-20525-25RB#0



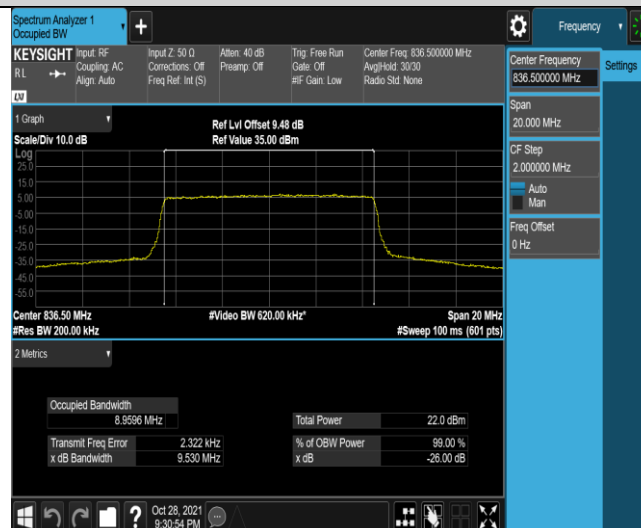
Band5-5MHz-16QAM-20625-25RB#0



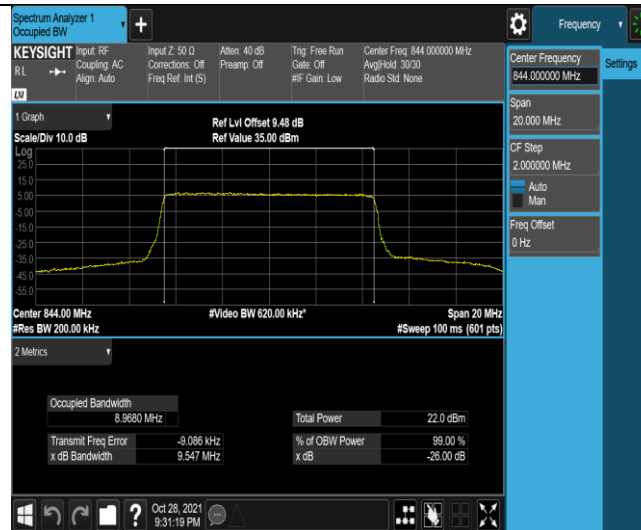
Band5-10MHz-QPSK-20450-50RB#0



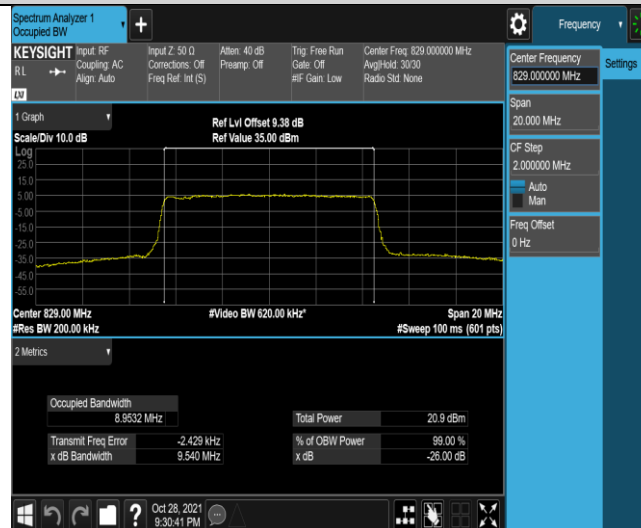
Band5-10MHz-QPSK-20525-50RB#0



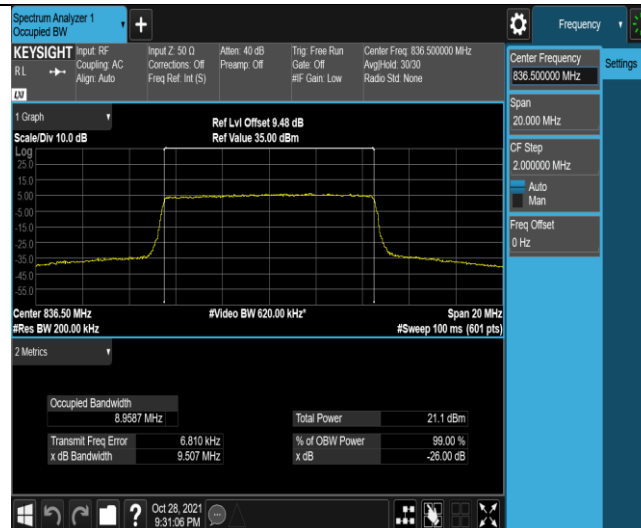
Band5-10MHz-QPSK-20600-50RB#0



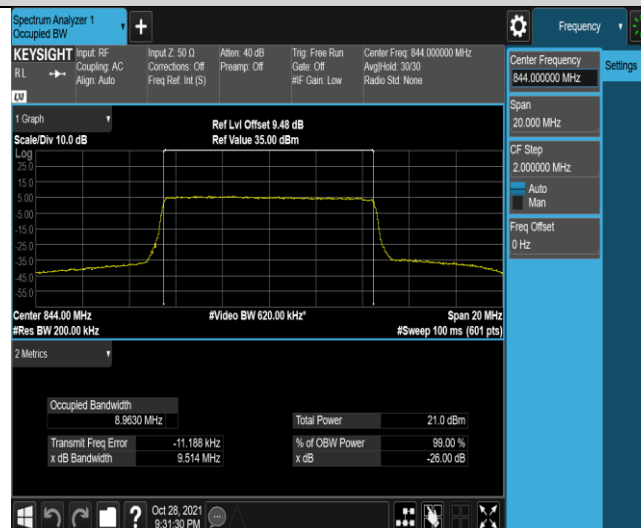
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix E: Band Edges Compliance

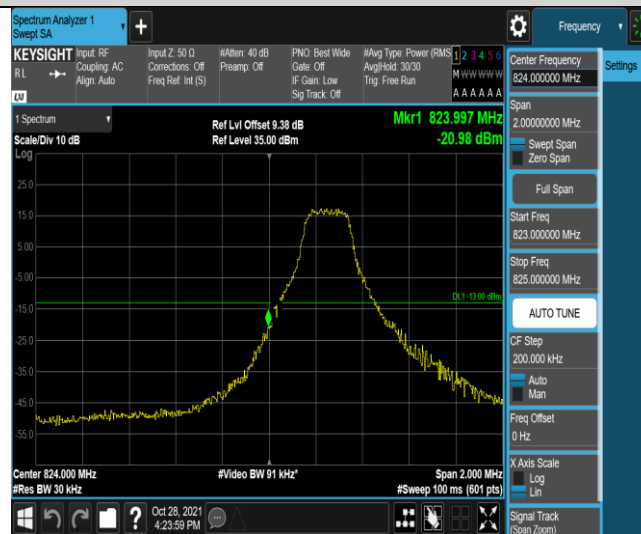
Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-20.98	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-40.05	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-24.62	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-41.23	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-20.13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-24.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-21.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-41.26	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-27.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-42.53	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-16.51	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-26.91	PASS
Band5	3MHz	QPSK	20415	1RB#0	-17.58	PASS
Band5	3MHz	QPSK	20415	1RB#14	-41.93	PASS
Band5	3MHz	QPSK	20415	15RB#0	-22.47	PASS
Band5	3MHz	QPSK	20635	1RB#0	-42.26	PASS
Band5	3MHz	QPSK	20635	1RB#14	-17.82	PASS
Band5	3MHz	QPSK	20635	15RB#0	-23.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	-16.75	PASS
Band5	3MHz	16QAM	20415	1RB#14	-42.34	PASS
Band5	3MHz	16QAM	20415	15RB#0	-23.86	PASS
Band5	3MHz	16QAM	20635	1RB#0	-42.62	PASS
Band5	3MHz	16QAM	20635	1RB#14	-16.22	PASS
Band5	3MHz	16QAM	20635	15RB#0	-22.03	PASS
Band5	5MHz	QPSK	20425	1RB#0	-16.53	PASS
Band5	5MHz	QPSK	20425	1RB#24	-50.22	PASS
Band5	5MHz	QPSK	20425	25RB#0	-21.10	PASS
Band5	5MHz	QPSK	20625	1RB#0	-50.44	PASS
Band5	5MHz	QPSK	20625	1RB#24	-14.57	PASS
Band5	5MHz	QPSK	20625	25RB#0	-23.38	PASS
Band5	5MHz	16QAM	20425	1RB#0	-16.63	PASS
Band5	5MHz	16QAM	20425	1RB#24	-51.00	PASS
Band5	5MHz	16QAM	20425	25RB#0	-23.54	PASS
Band5	5MHz	16QAM	20625	1RB#0	-50.27	PASS
Band5	5MHz	16QAM	20625	1RB#24	-16.24	PASS
Band5	5MHz	16QAM	20625	25RB#0	-23.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	-23.14	PASS
Band5	10MHz	QPSK	20450	1RB#49	-44.38	PASS
Band5	10MHz	QPSK	20450	50RB#0	-26.89	PASS
Band5	10MHz	QPSK	20600	1RB#0	-45.20	PASS
Band5	10MHz	QPSK	20600	1RB#49	-23.01	PASS
Band5	10MHz	QPSK	20600	50RB#0	-28.12	PASS

Total Quality. Assured.

Band5	10MHz	16QAM	20450	1RB#0	-22.85	PASS
Band5	10MHz	16QAM	20450	1RB#49	-43.51	PASS
Band5	10MHz	16QAM	20450	50RB#0	-28.44	PASS
Band5	10MHz	16QAM	20600	1RB#0	-45.20	PASS
Band5	10MHz	16QAM	20600	1RB#49	-20.26	PASS
Band5	10MHz	16QAM	20600	50RB#0	-28.43	PASS

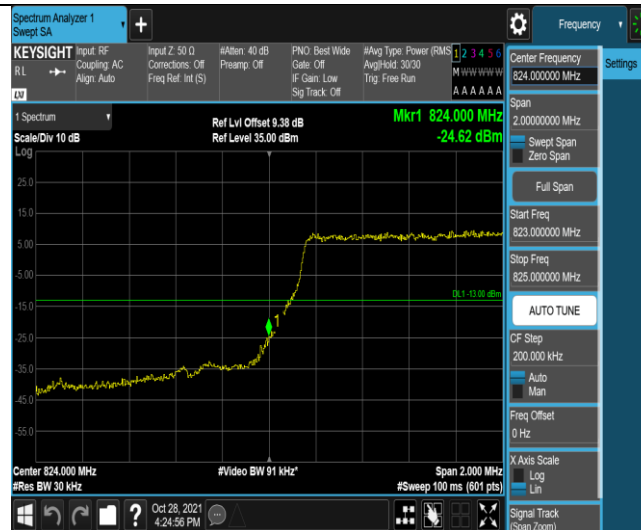
Band5-1.4MHz-QPSK-20407-1RB#0



Band5-1.4MHz-QPSK-20407-1RB#5



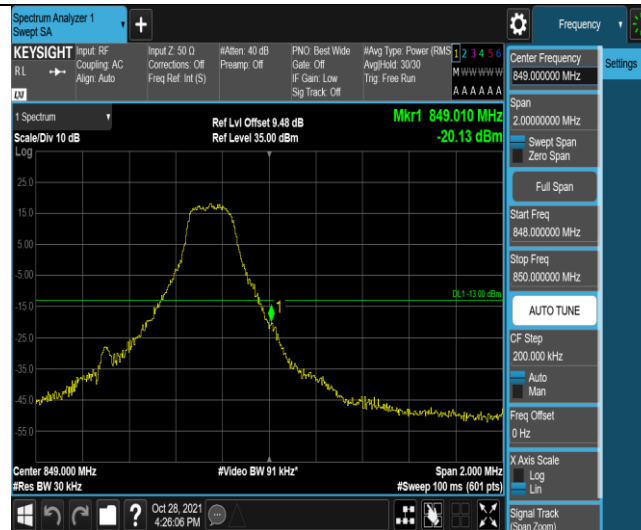
Band5-1.4MHz-QPSK-20407-6RB#0



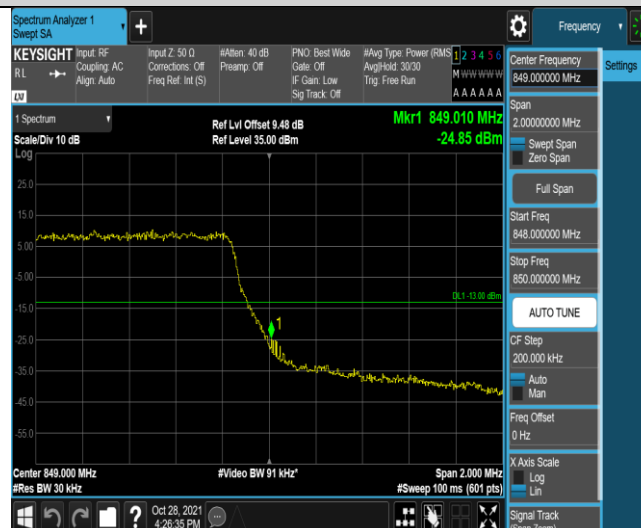
Band5-1.4MHz-QPSK-20643-1RB#0



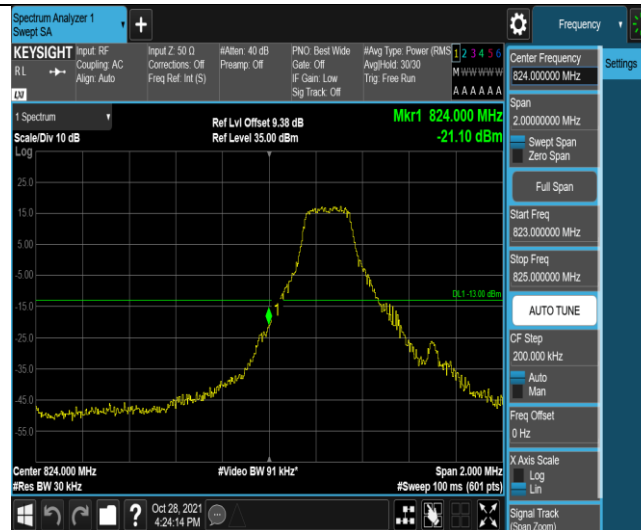
Band5-1.4MHz-QPSK-20643-1RB#5



Band5-1.4MHz-QPSK-20643-6RB#0



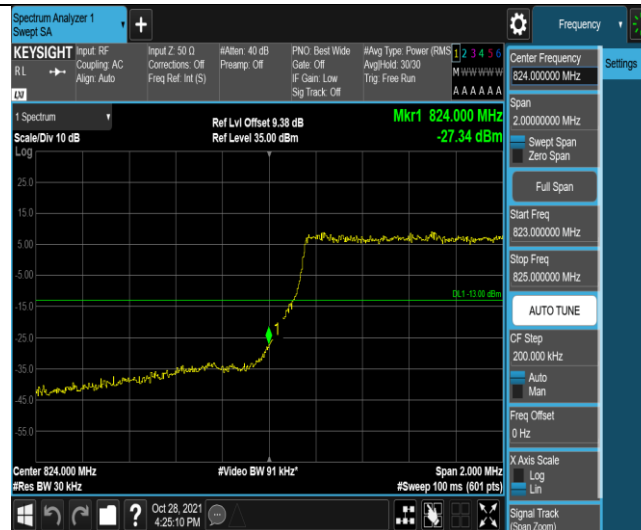
Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-1RB#5



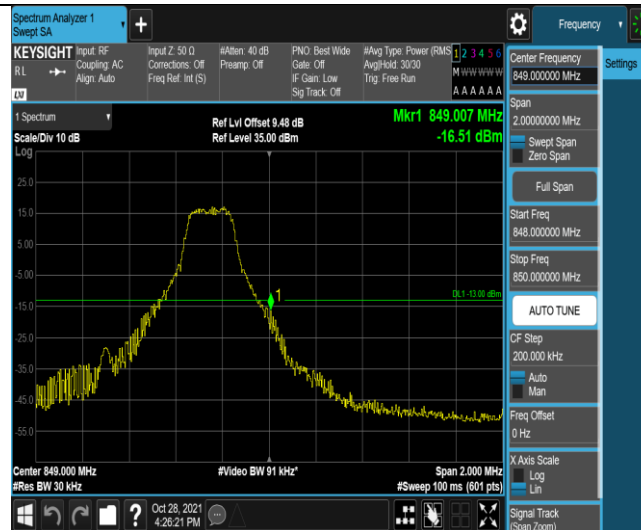
Band5-1.4MHz-16QAM-20407-6RB#0



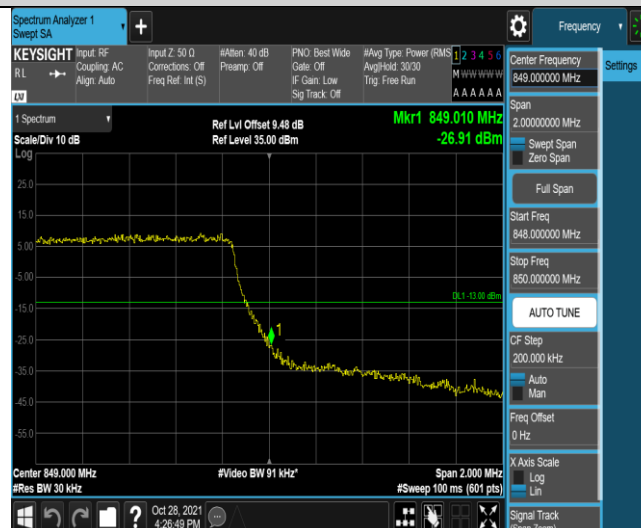
Band5-1.4MHz-16QAM-20643-1RB#0



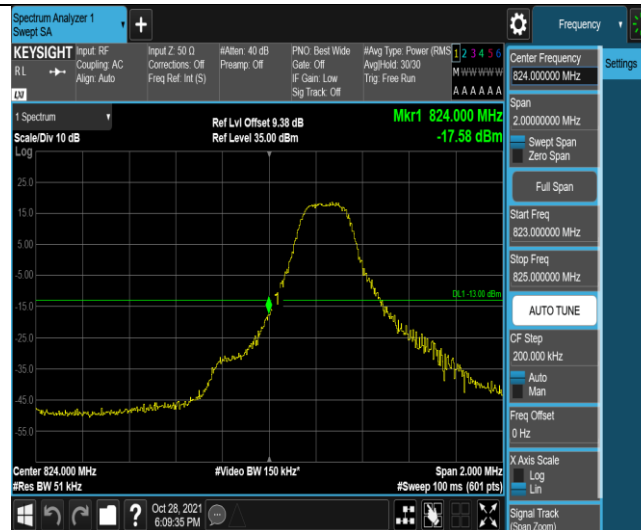
Band5-1.4MHz-16QAM-20643-1RB#5



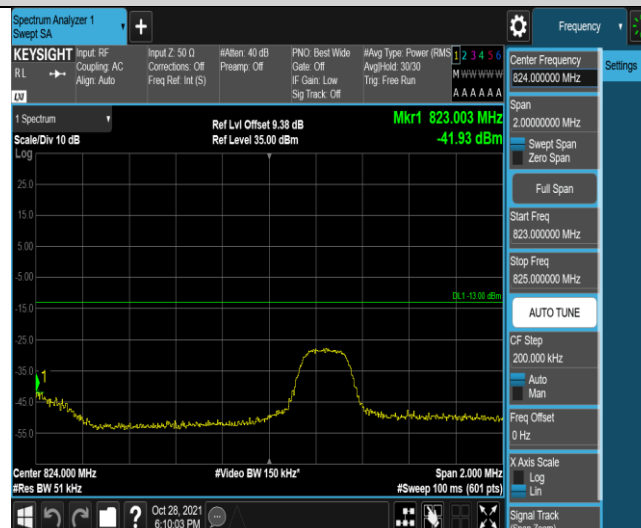
Band5-1.4MHz-16QAM-20643-6RB#0



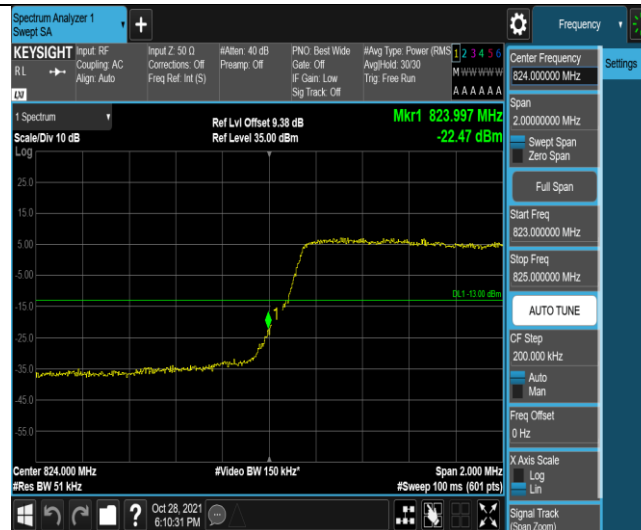
Band5-3MHz-QPSK-20415-1RB#0



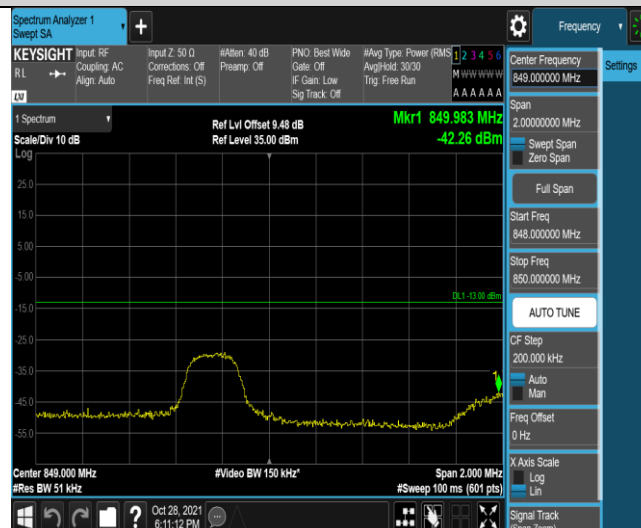
Band5-3MHz-QPSK-20415-1RB#14



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-1RB#0



Band5-3MHz-QPSK-20635-1RB#14