

## 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#5	23.28	21.28	33	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.34	21.34	33	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.30	21.3	33	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.36	21.36	33	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.20	21.2	33	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.28	21.28	33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.20	20.2	33	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.32	21.32	33	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.34	21.34	33	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.22	21.22	33	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.42	21.42	33	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.34	21.34	33	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.38	21.38	33	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.22	20.22	33	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.33	21.33	33	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.40	21.4	33	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.31	21.31	33	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.36	21.36	33	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.37	21.37	33	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.36	21.36	33	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.39	20.39	33	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.19	20.19	33	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.10	20.1	33	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.10	20.1	33	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.75	19.75	33	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.87	19.87	33	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.74	19.74	33	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.34	19.34	33	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.83	20.83	33	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.80	20.8	33	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.83	20.83	33	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.95	19.95	33	PASS

Band5	1.4MHz	16QAM	20525	3RB#1	22.05	20.05	33	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.03	20.03	33	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.34	19.34	33	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.29	21.29	33	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.30	21.3	33	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.25	21.25	33	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.08	20.08	33	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.08	20.08	33	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.18	20.18	33	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.58	19.58	33	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.26	21.26	33	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.34	21.34	33	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.43	21.43	33	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.28	20.28	33	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.27	20.27	33	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.29	20.29	33	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.17	20.17	33	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.28	21.28	33	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.33	21.33	33	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.22	21.22	33	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.25	20.25	33	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.31	20.31	33	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.26	20.26	33	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.32	20.32	33	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.45	21.45	33	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.44	21.44	33	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.36	21.36	33	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.49	20.49	33	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.36	20.36	33	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.35	20.35	33	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.42	20.42	33	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.86	19.86	33	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.95	19.95	33	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.01	20.01	33	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.55	19.55	33	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.55	19.55	33	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.51	19.51	33	PASS

Band5	3MHz	16QAM	20415	15RB#0	21.20	19.2	33	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.89	20.89	33	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.78	20.78	33	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.70	20.7	33	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.54	19.54	33	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.49	19.49	33	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.56	19.56	33	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.48	19.48	33	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.22	20.22	33	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.33	20.33	33	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.23	20.23	33	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.79	19.79	33	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.62	19.62	33	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.77	19.77	33	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.47	19.47	33	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.35	21.35	33	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.16	21.16	33	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.32	21.32	33	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.18	20.18	33	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.11	20.11	33	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.18	20.18	33	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.15	20.15	33	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.43	21.43	33	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.41	21.41	33	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.43	21.43	33	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.16	20.16	33	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.27	20.27	33	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.29	20.29	33	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.38	20.38	33	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.68	21.68	33	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.55	21.55	33	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.58	21.58	33	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.33	20.33	33	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.34	20.34	33	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.36	20.36	33	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.44	20.44	33	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.12	20.12	33	PASS

Band5	5MHz	16QAM	20425	1RB#12	21.77	19.77	33	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.84	19.84	33	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.42	19.42	33	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.43	19.43	33	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.30	19.3	33	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.18	19.18	33	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.22	20.22	33	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.00	20	33	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.93	19.93	33	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.43	19.43	33	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.37	19.37	33	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.46	19.46	33	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.42	19.42	33	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.82	19.82	33	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.79	19.79	33	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.75	19.75	33	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.44	19.44	33	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.42	19.42	33	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.52	19.52	33	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.61	19.61	33	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.21	21.21	33	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.28	21.28	33	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.22	21.22	33	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.42	20.42	33	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.32	20.32	33	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.31	20.31	33	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.39	20.39	33	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.53	21.53	33	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.47	21.47	33	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.40	21.4	33	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.22	20.22	33	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.26	20.26	33	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.42	20.42	33	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.23	20.23	33	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.32	21.32	33	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.34	21.34	33	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.27	21.27	33	PASS

Band5	10MHz	QPSK	20600	25RB#0	22.37	20.37	33	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.38	20.38	33	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.30	20.3	33	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.30	20.3	33	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.05	20.05	33	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.21	20.21	33	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.18	20.18	33	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.53	19.53	33	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.47	19.47	33	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.61	19.61	33	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.49	19.49	33	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.13	20.13	33	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.22	20.22	33	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.19	20.19	33	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.51	19.51	33	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.59	19.59	33	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.61	19.61	33	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.37	19.37	33	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.02	20.02	33	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.96	19.96	33	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.96	19.96	33	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.33	19.33	33	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.27	19.27	33	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.40	19.4	33	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.45	19.45	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 5 is -2.0dBi.

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	5.16	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.59	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.99	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.57	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.01	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.45	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.00	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.32	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.68	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.38	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.57	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.20	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.22	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.33	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.99	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.22	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.28	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.30	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.00	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.14	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.68	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.17	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.20	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.14	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.25	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.25	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.70	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.28	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.36	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.12	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.09	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.65	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.12	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	6.14	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.14	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.25	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.13	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.30	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.25	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.48	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.97	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.06	13	PASS



Total Quality. Assured.

Band5	10MHz	16QAM	20525	1RB#0	6.06	13	PASS
Band5	10MHz	16QAM	20525	5ORB#0	6.17	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.38	13	PASS
Band5	10MHz	16QAM	20600	5ORB#0	6.29	13	PASS

## Appendix C: Modulation Characteristics

### Test Plots

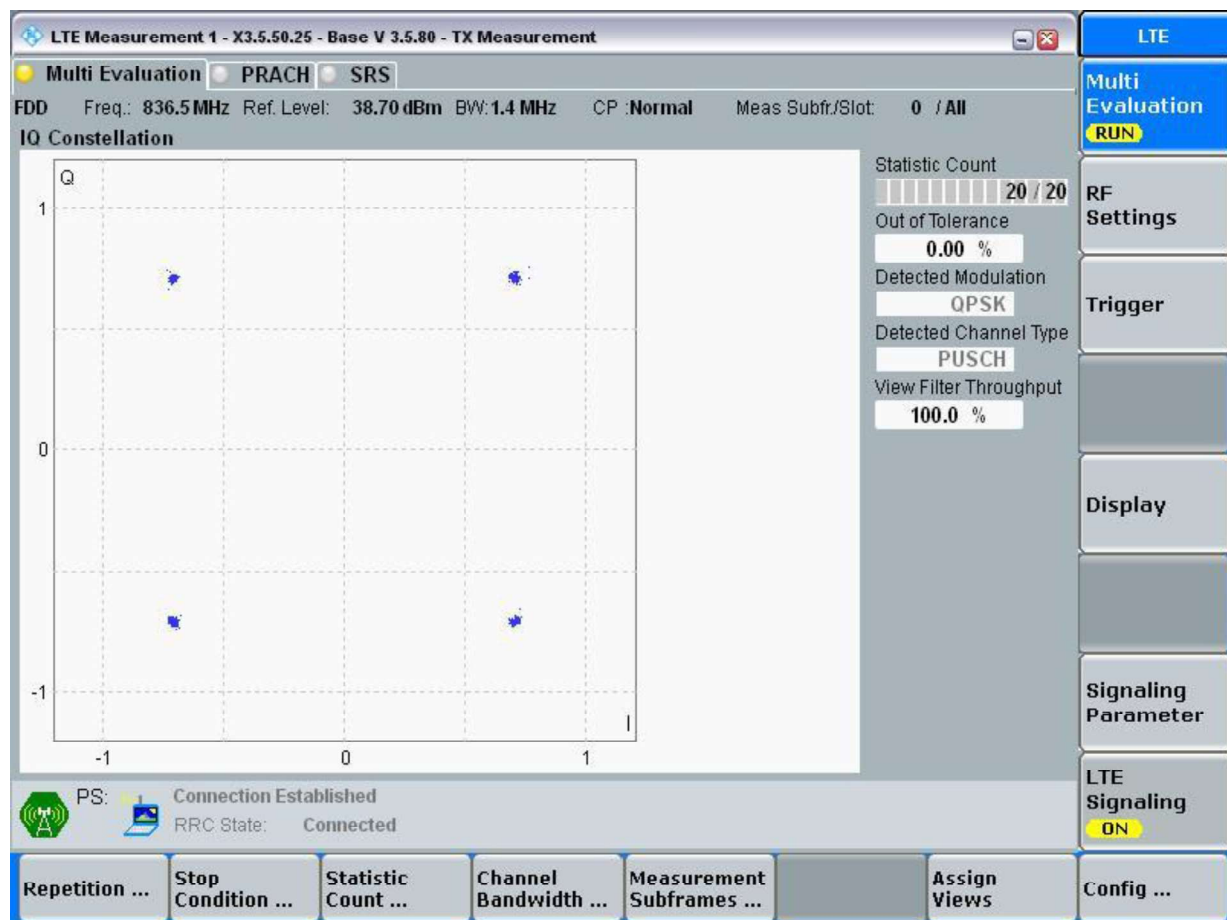
Test Band = BAND5

Test Mode = LTE/TM1

Test Bandwidth = 1.4MHz

Test Channel = MCH

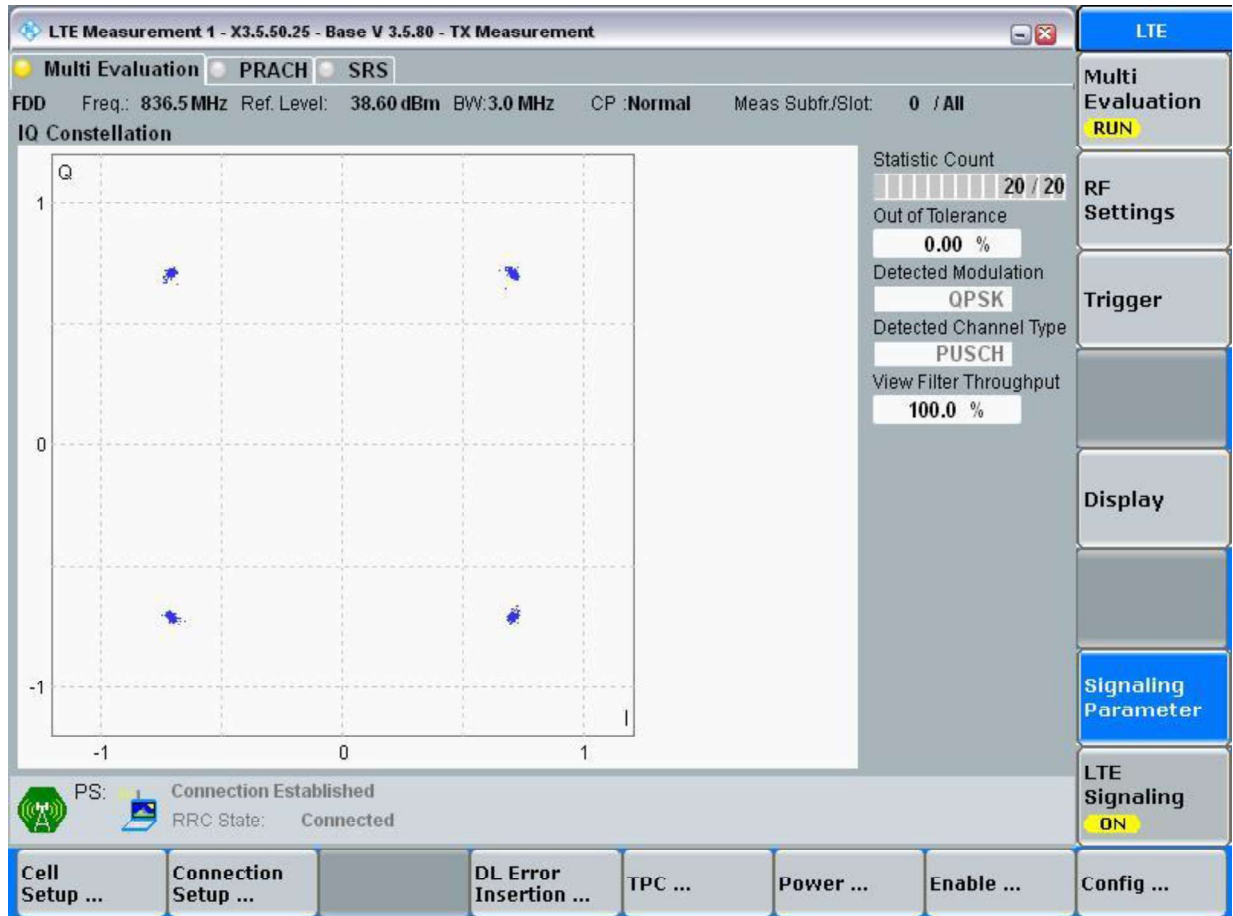
Test RB = RB6#0



Test Bandwidth = 3 MHz

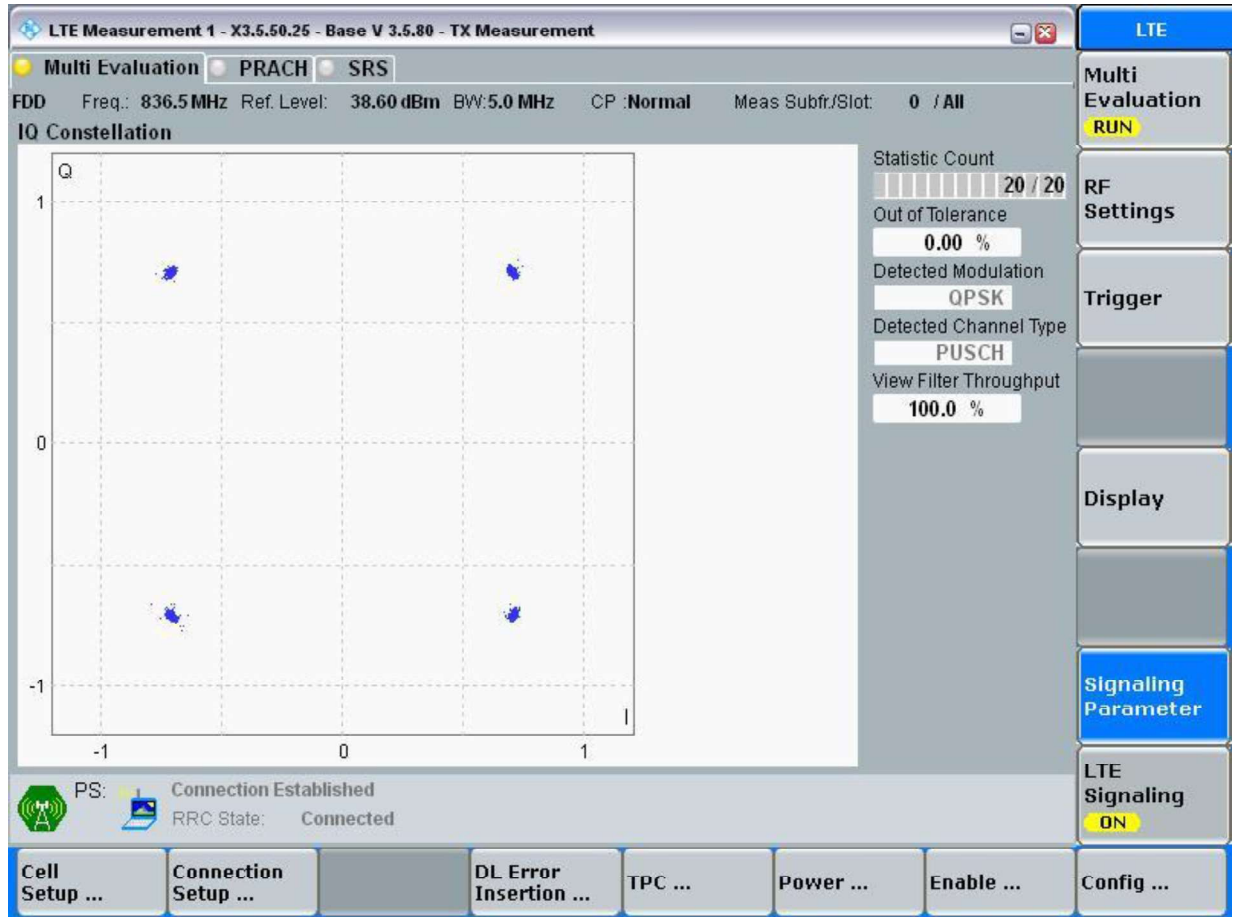
Test Channel = MCH

Test RB = RB15#0



Test Channel = MCH

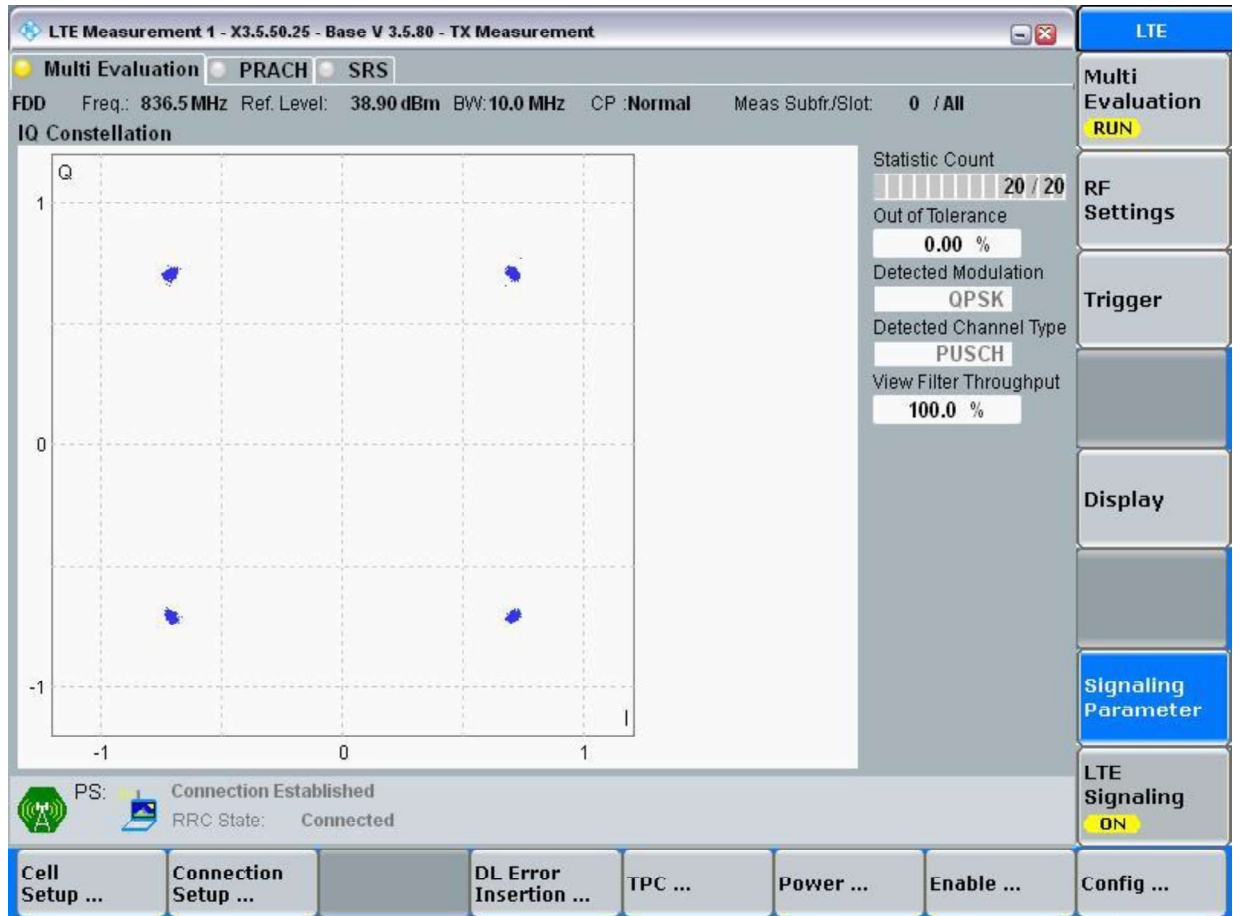
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

Test RB = RB50#0

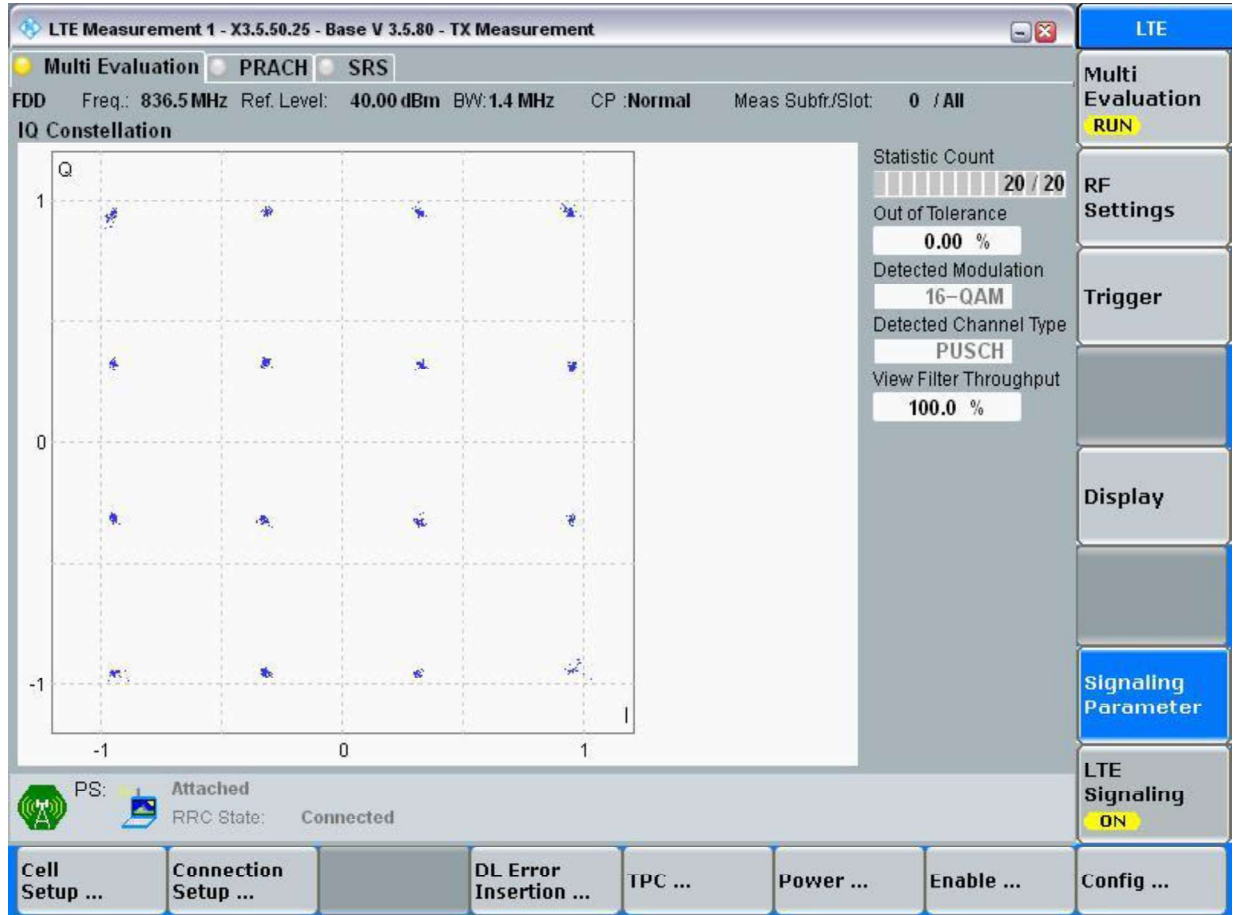


Test Mode = LTE/TM2

Bandwidth = 1.4MHz

Test Channel = MCH

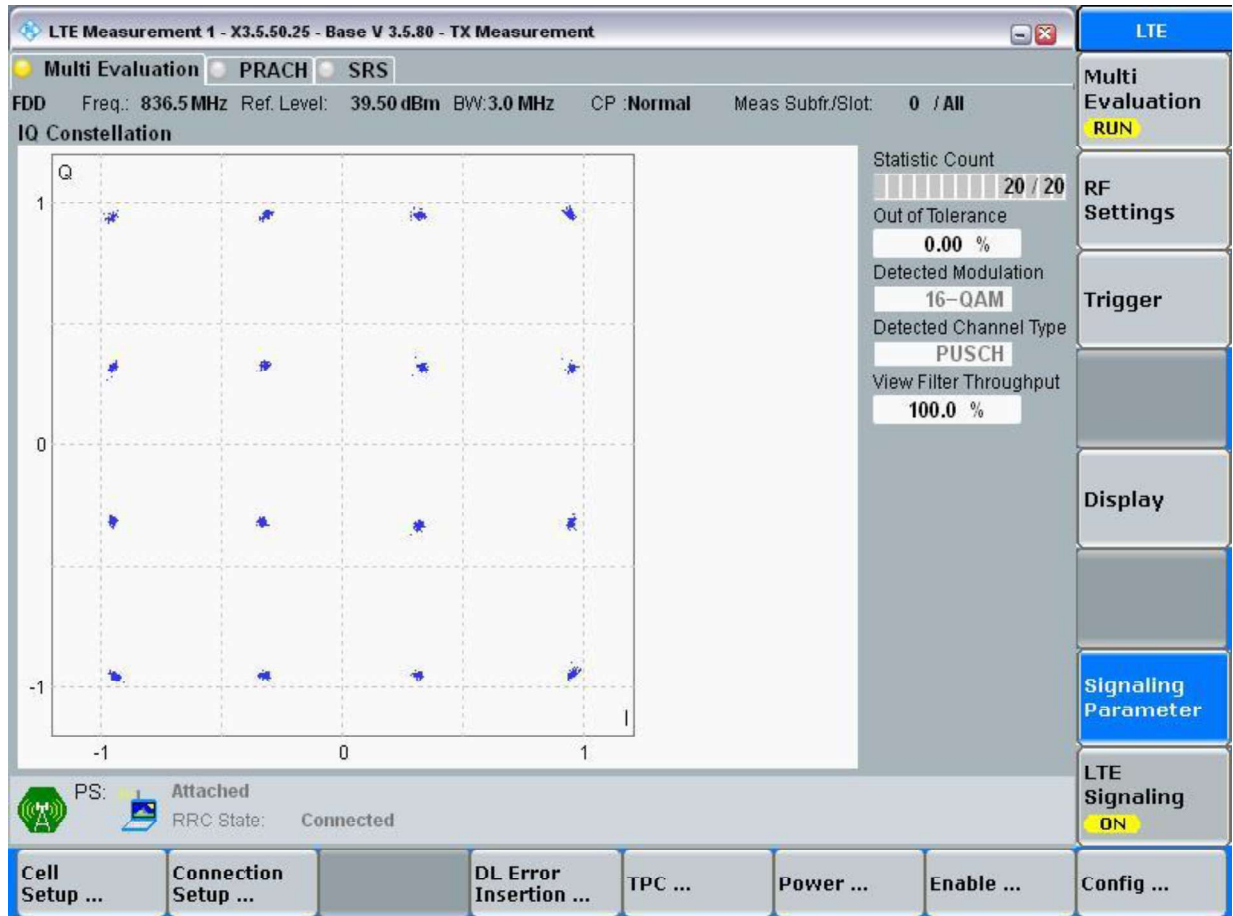
Test RB = RB6#0



Test Bandwidth = 3MHz

Test Channel = MCH

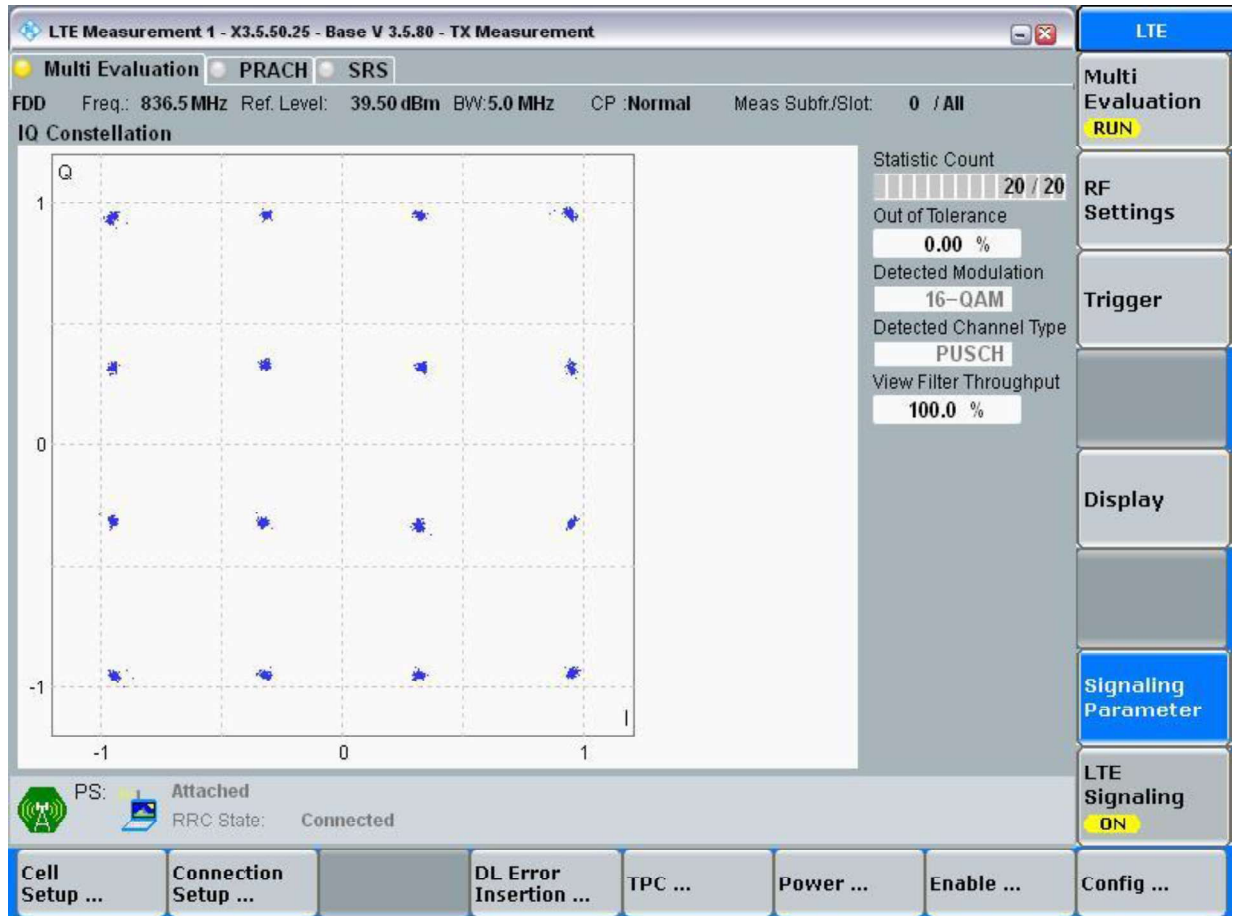
Test RB = RB15#0



Test Bandwidth = 5MHz

Test Channel = MCH

Test RB = RB25#0

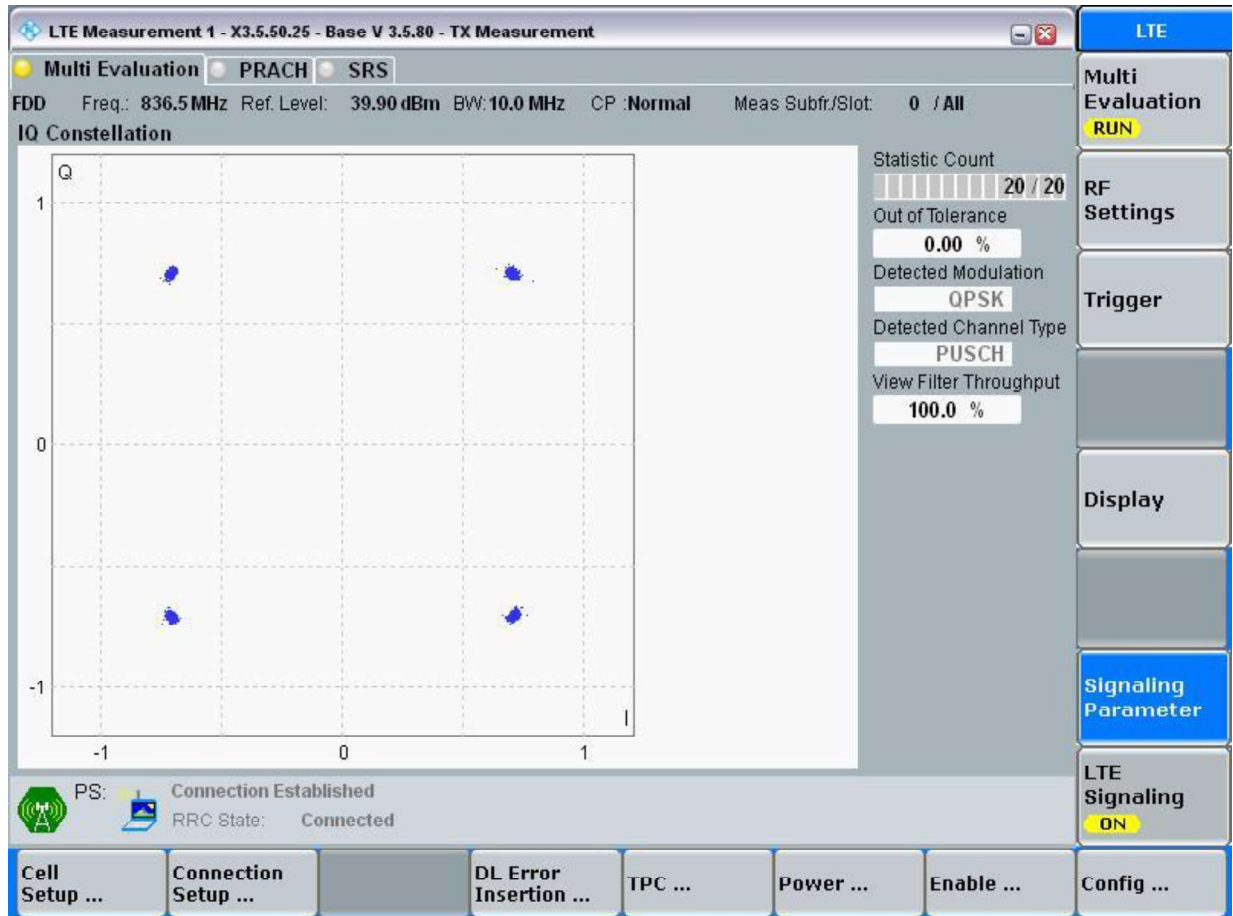




Test Bandwidth = 10MHz

Test Channel = MCH

Test RB = RB50#0

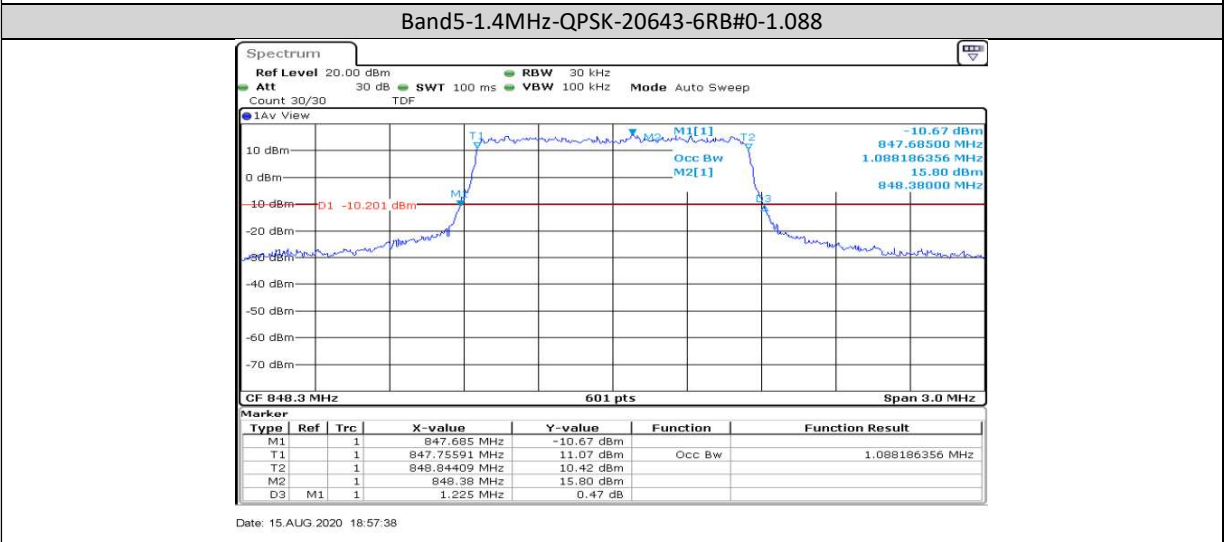
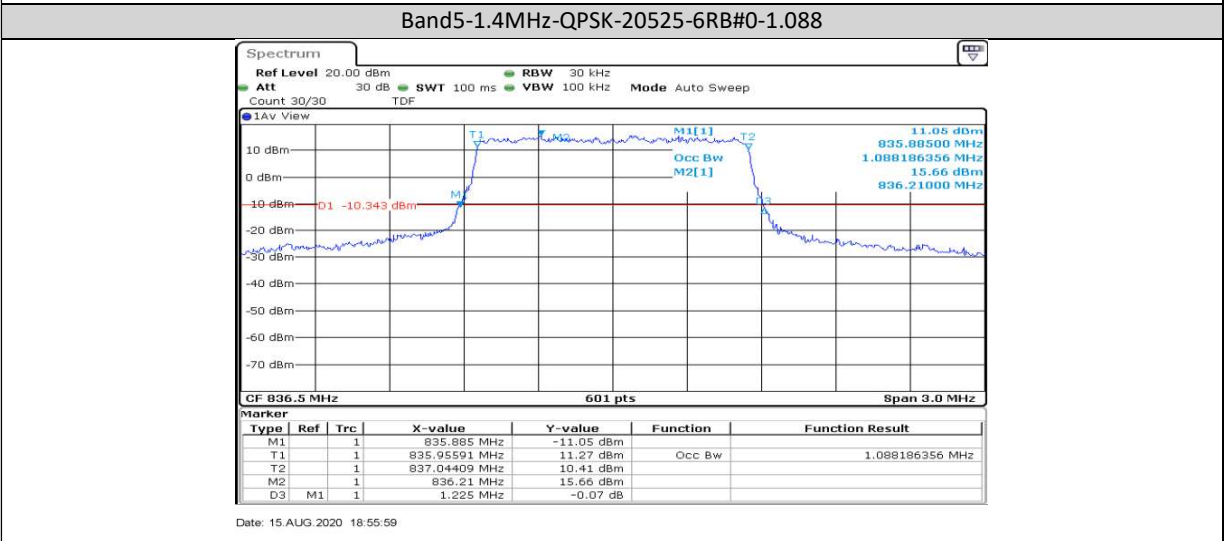
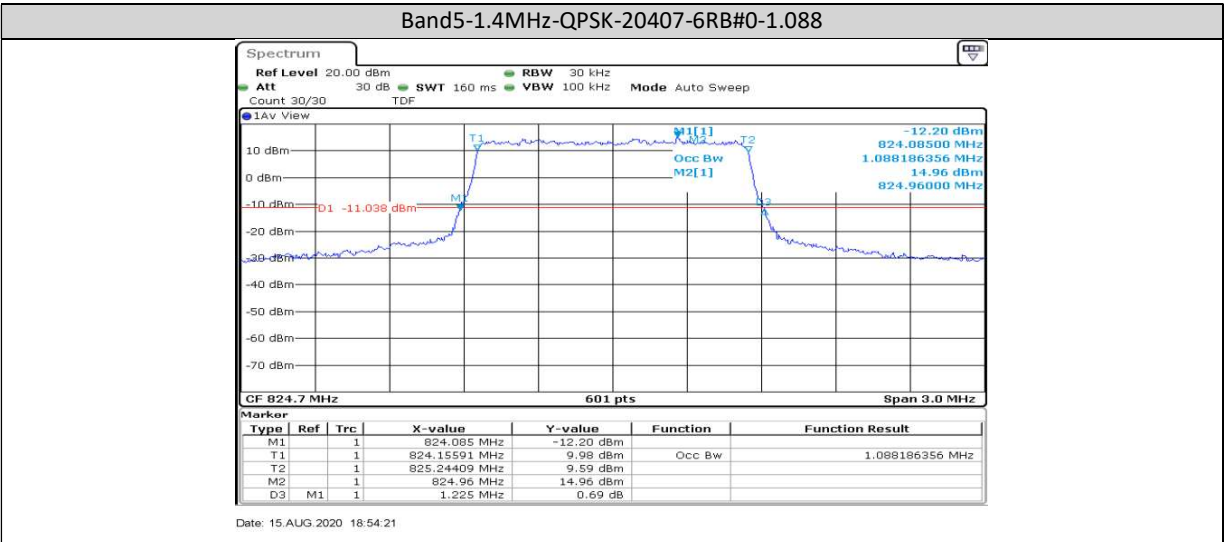


## Appendix D: Bandwidth

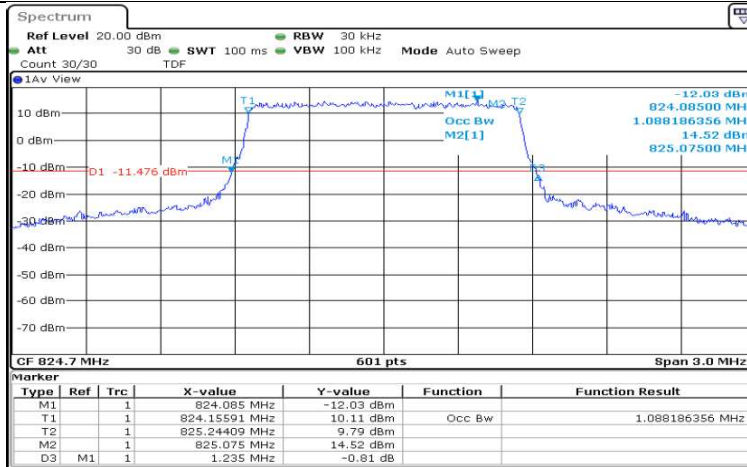
### Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.088	1.225	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.225	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.225	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.235	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.240	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.225	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.696	2.890	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.910	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.705	2.900	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.696	2.920	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.900	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	2.880	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	4.780	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.505	4.800	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.800	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.780	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.515	4.770	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.496	4.780	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.533	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.985	9.533	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.985	9.533	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.952	9.533	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.985	9.533	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.985	9.533	PASS

Test Plots

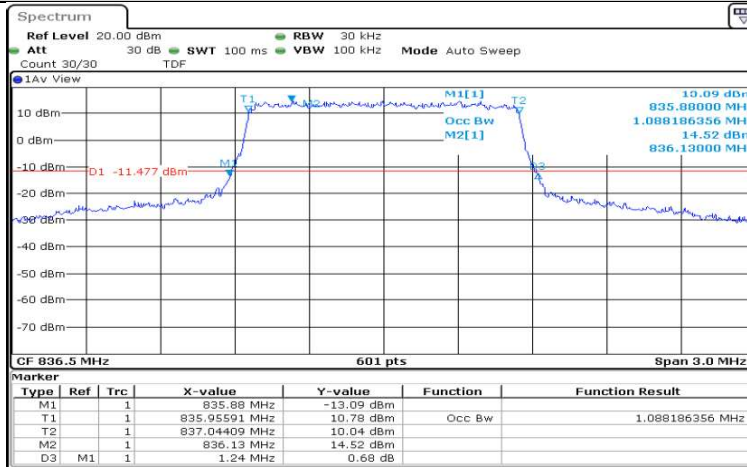


**Band5-1.4MHz-16QAM-20407-6RB#0-1.088**



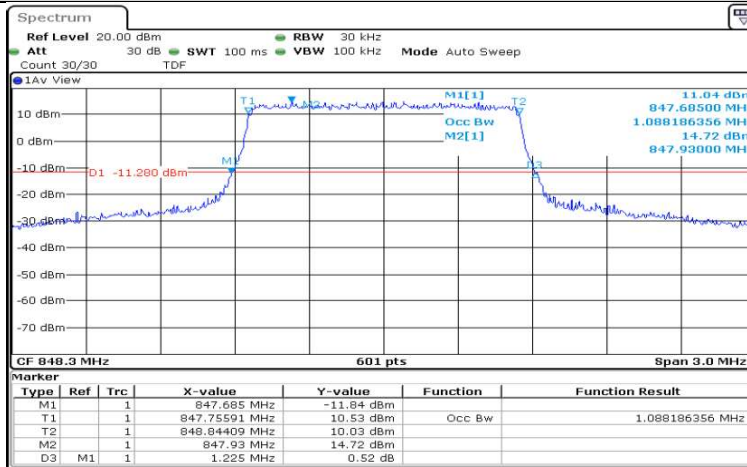
Date: 15.AUG.2020 18:54:31

### Band5-1.4MHz-16QAM-20525-6RB#0-1.088



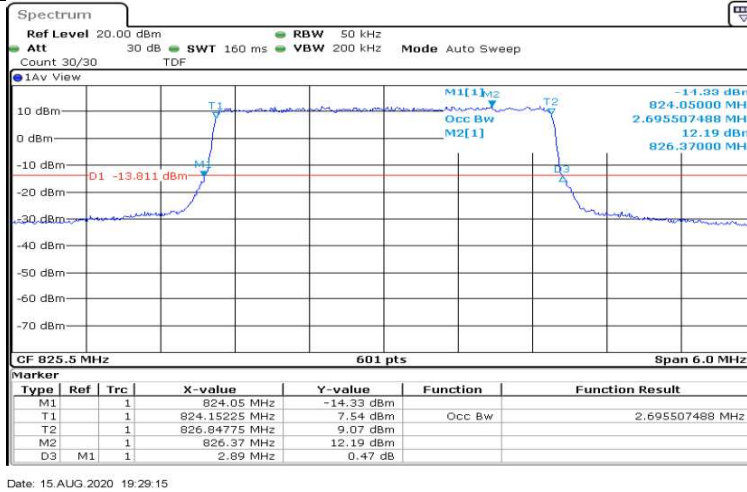
Date: 15.AUG.2020 18:56:09

### Band5-1.4MHz-16QAM-20643-6RB#0-1.088

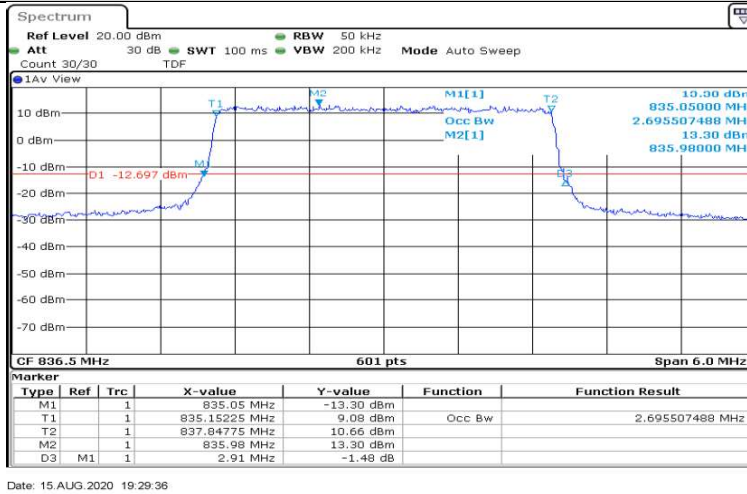


Date: 15.AUG.2020 18:57:48

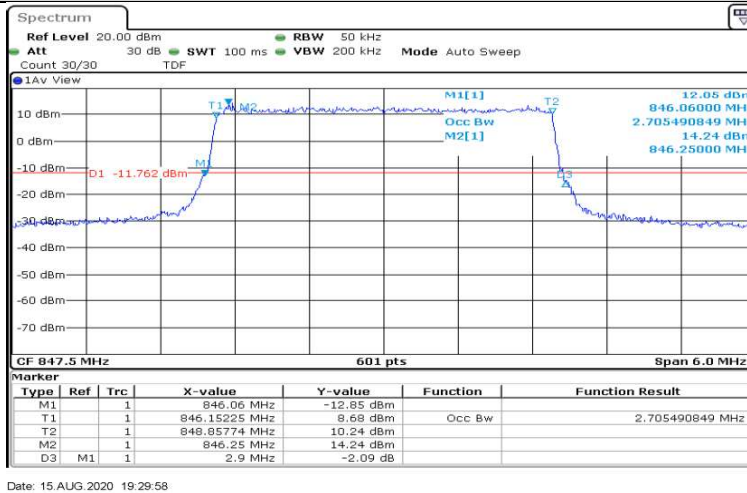
### Band5-3MHz-QPSK-20415-15RB#0-2.696



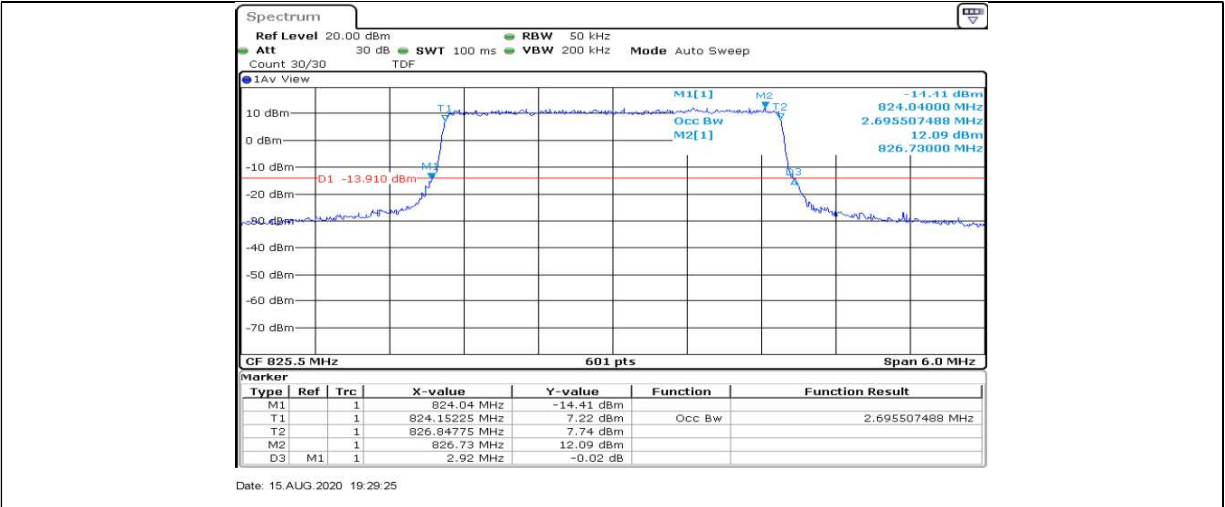
Band5-3MHz-QPSK-20525-15RB#0-2.696



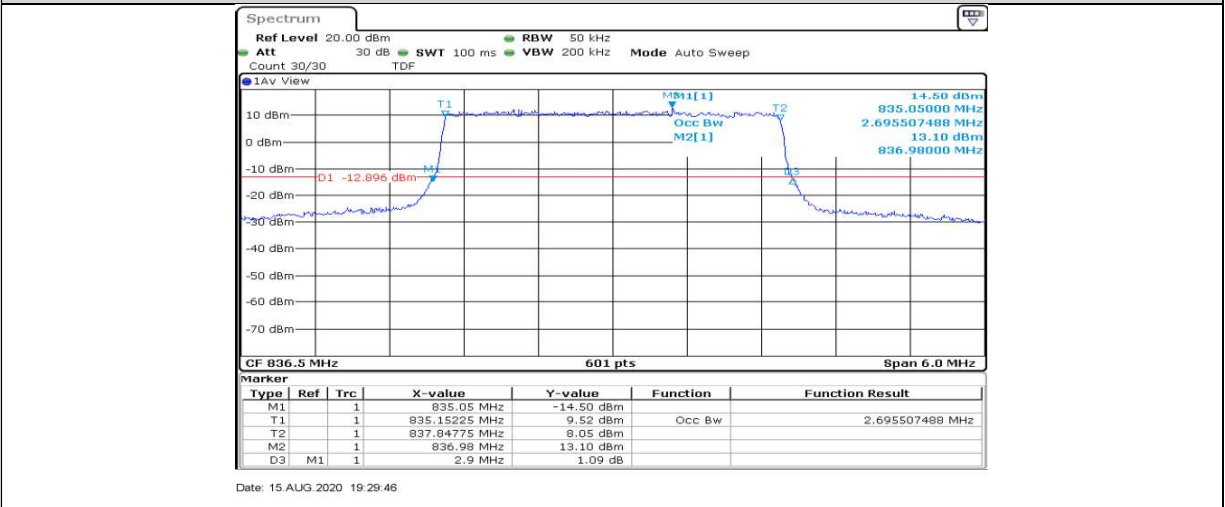
Band5-3MHz-QPSK-20635-15RB#0-2.705



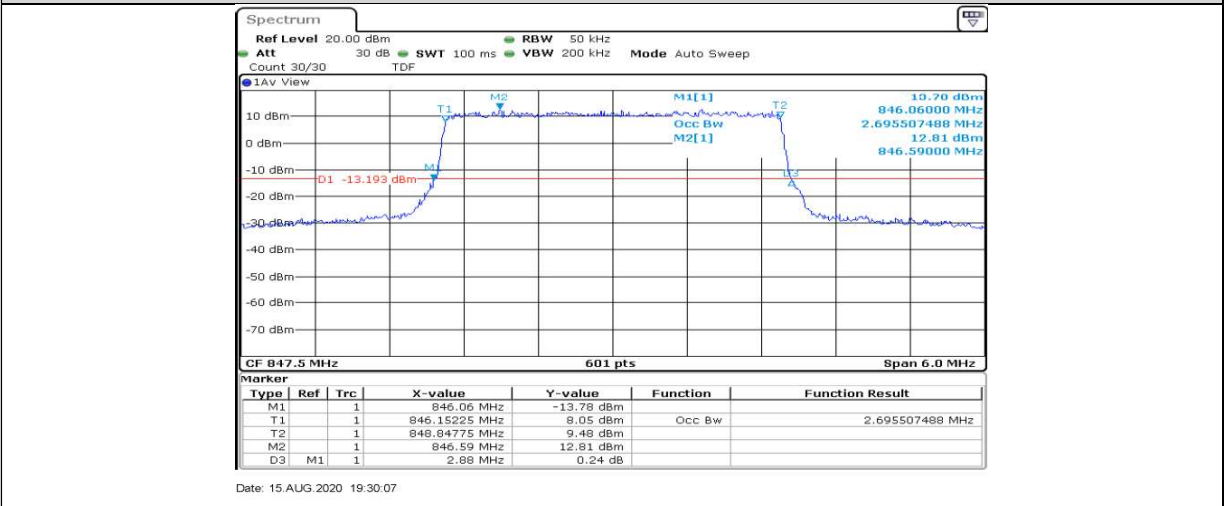
Band5-3MHz-16QAM-20415-15RB#0-2.696



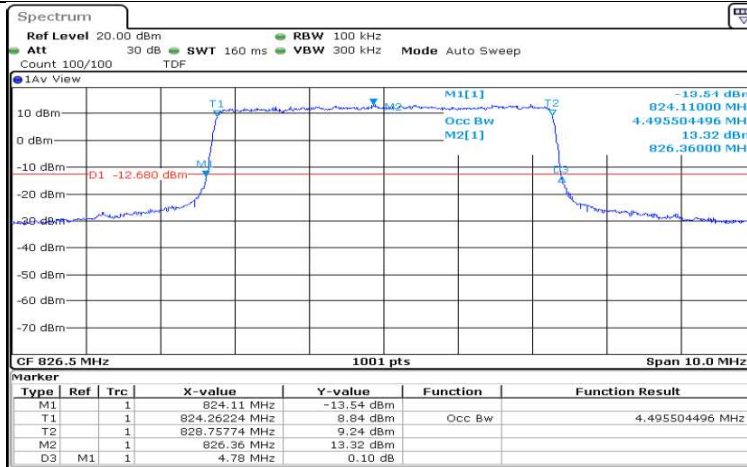
Band5-3MHz-16QAM-20525-15RB#0-2.696



Band5-3MHz-16QAM-20635-15RB#0-2.696

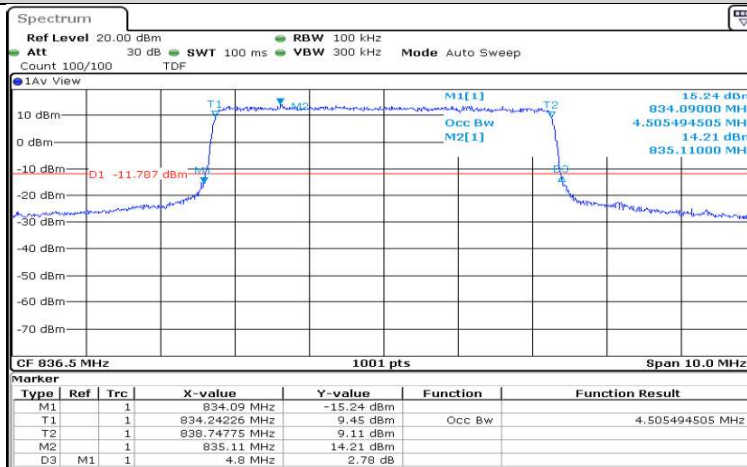


Band5-5MHz-QPSK-20425-25RB#0-4.496



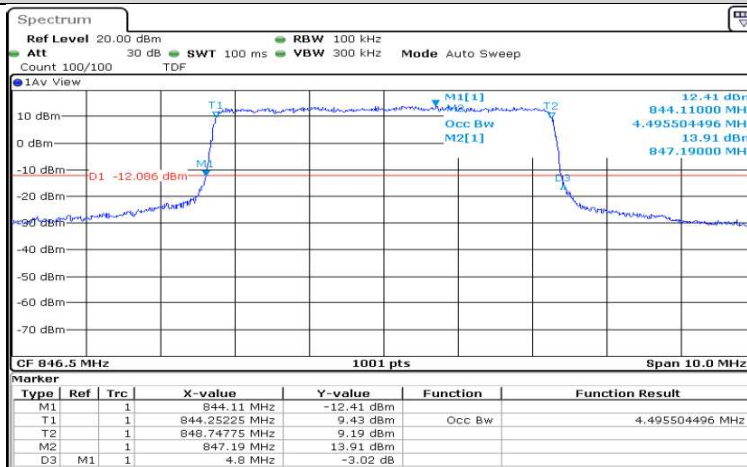
Date: 15.AUG.2020 19:47:54

### Band5-5MHz-QPSK-20525-25RB#0-4.505



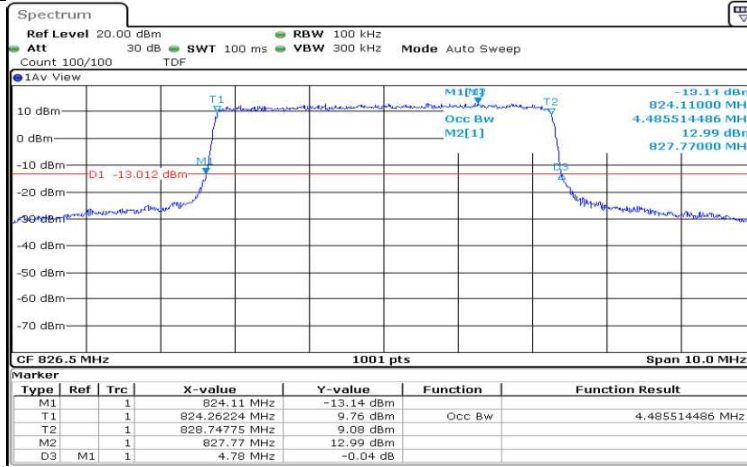
Date: 15.AUG.2020 19:48:29

### Band5-5MHz-QPSK-20625-25RB#0-4.496



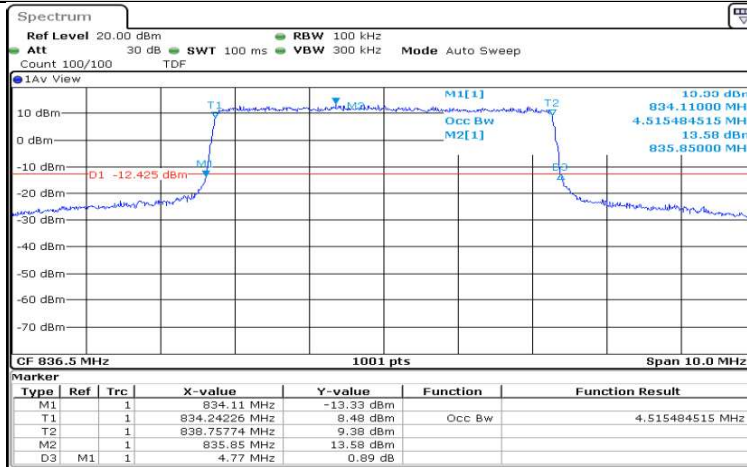
Date: 15.AUG.2020 19:49:05

### Band5-5MHz-16QAM-20425-25RB#0-4.486



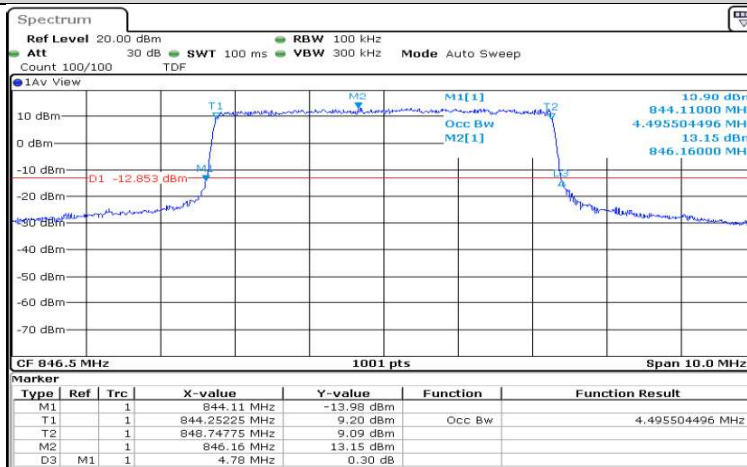
Date: 15.AUG.2020 19:48:10

### Band5-5MHz-16QAM-20525-25RB#0-4.515



Date: 15.AUG.2020 19:48:46

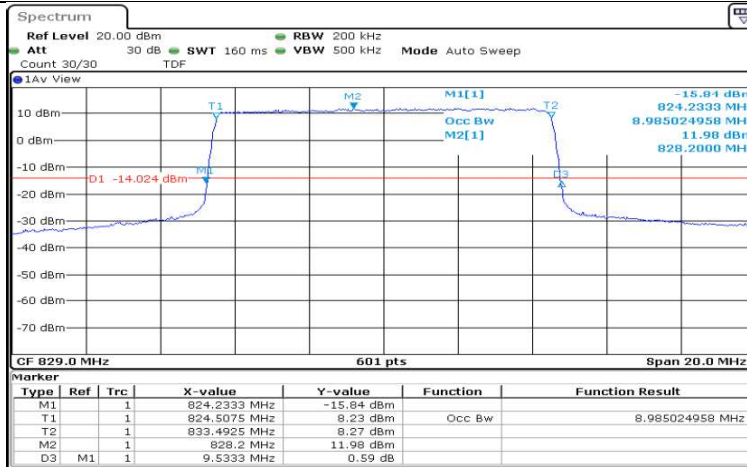
### Band5-5MHz-16QAM-20625-25RB#0-4.496



Date: 15.AUG.2020 19:49:22

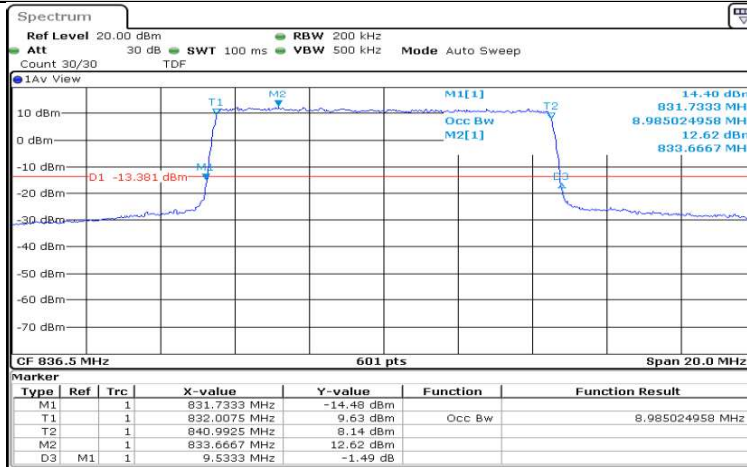
### Band5-10MHz-QPSK-20450-50RB#0-8.985





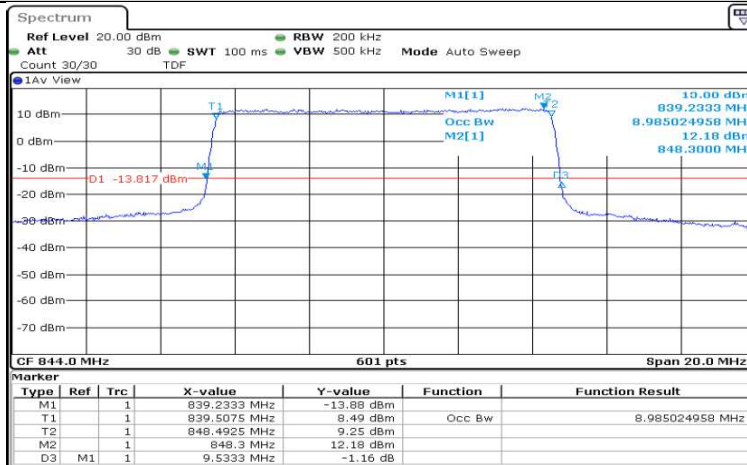
Date: 17.AUG.2020 10:08:15

### Band5-10MHz-QPSK-20525-50RB#0-8.985



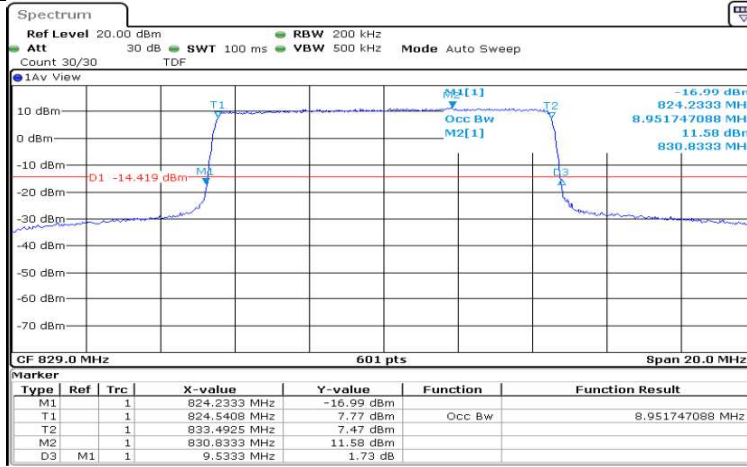
Date: 17.AUG.2020 10:08:37

### Band5-10MHz-QPSK-20600-50RB#0-8.985



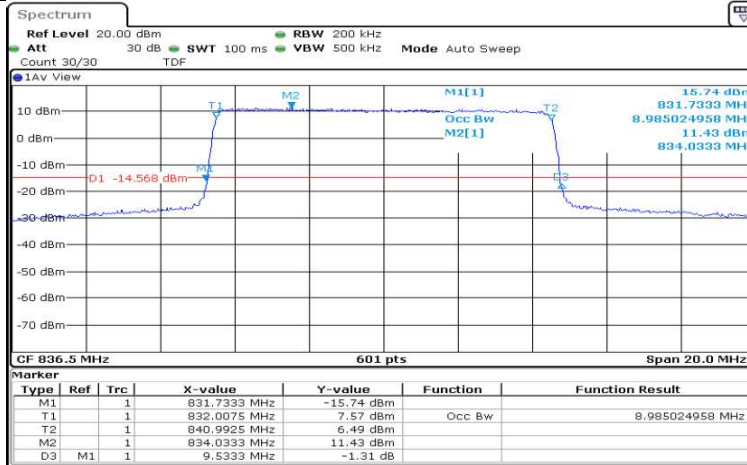
Date: 17.AUG.2020 10:08:59

### Band5-10MHz-16QAM-20450-50RB#0-8.952



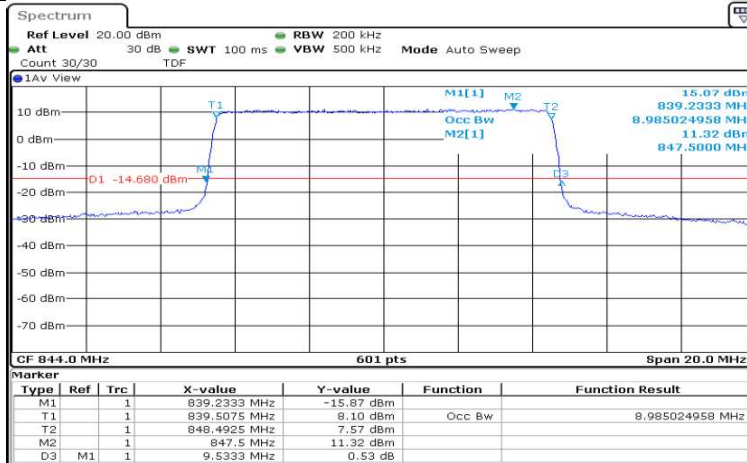
Date: 17.AUG.2020 10:08:25

### Band5-10MHz-16QAM-20525-50RB#0-8.985



Date: 17.AUG.2020 10:08:47

### Band5-10MHz-16QAM-20600-50RB#0-8.985



Date: 17.AUG.2020 10:09:09

## Appendix E: Band Edges Compliance

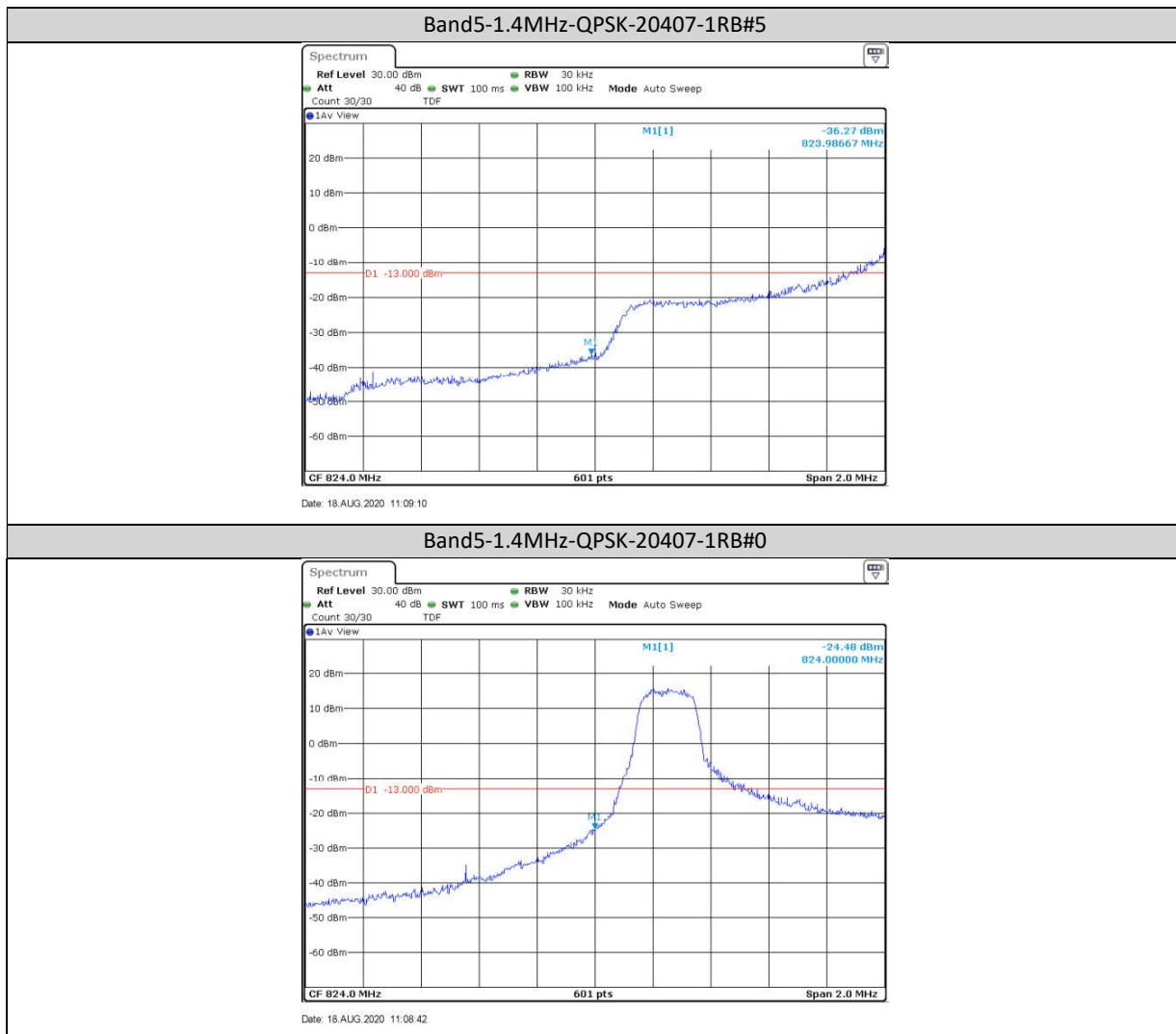
### Test Plots

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#5	-36.27	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-24.48	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-29.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-23.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-36.03	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-26.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-37.78	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-23.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-35.94	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-29.42	PASS
Band5	3MHz	QPSK	20415	1RB#0	-15.84	PASS
Band5	3MHz	QPSK	20415	1RB#14	-30.91	PASS
Band5	3MHz	QPSK	20415	15RB#0	-25.11	PASS
Band5	3MHz	QPSK	20635	1RB#14	-15.04	PASS
Band5	3MHz	QPSK	20635	1RB#0	-29.94	PASS
Band5	3MHz	QPSK	20635	15RB#0	-24.05	PASS
Band5	3MHz	16QAM	20415	1RB#14	-32.88	PASS
Band5	3MHz	16QAM	20415	1RB#0	-17.25	PASS
Band5	3MHz	16QAM	20415	15RB#0	-24.84	PASS
Band5	3MHz	16QAM	20635	1RB#0	-29.62	PASS
Band5	3MHz	16QAM	20635	1RB#14	-15.85	PASS
Band5	3MHz	16QAM	20635	15RB#0	-25.37	PASS
Band5	5MHz	QPSK	20425	1RB#0	-20.01	PASS
Band5	5MHz	QPSK	20425	1RB#24	-37.91	PASS
Band5	5MHz	QPSK	20425	25RB#0	-29.44	PASS
Band5	5MHz	QPSK	20625	1RB#24	-20.78	PASS
Band5	5MHz	QPSK	20625	1RB#0	-35.79	PASS
Band5	5MHz	QPSK	20625	25RB#0	-29.55	PASS
Band5	5MHz	16QAM	20425	1RB#24	-38.52	PASS
Band5	5MHz	16QAM	20425	1RB#0	-23.00	PASS
Band5	5MHz	16QAM	20425	25RB#0	-30.19	PASS
Band5	5MHz	16QAM	20625	1RB#0	-36.26	PASS
Band5	5MHz	16QAM	20625	1RB#24	-20.24	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.90	PASS
Band5	10MHz	QPSK	20450	1RB#0	-26.24	PASS
Band5	10MHz	QPSK	20450	1RB#49	-41.04	PASS
Band5	10MHz	QPSK	20450	50RB#0	-33.19	PASS
Band5	10MHz	QPSK	20600	1RB#0	-38.69	PASS
Band5	10MHz	QPSK	20600	1RB#49	-25.61	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.95	PASS
Band5	10MHz	16QAM	20450	1RB#0	-27.30	PASS
Band5	10MHz	16QAM	20450	1RB#49	-41.53	PASS

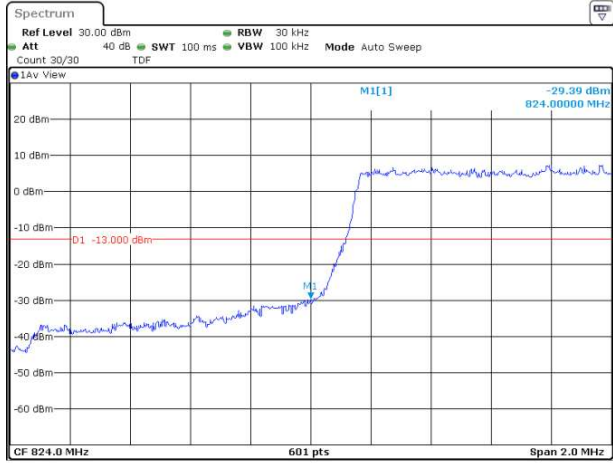
Total Quality. Assured.

Band5	10MHz	16QAM	20450	50RB#0	-33.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	-39.59	PASS
Band5	10MHz	16QAM	20600	1RB#49	-27.78	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.66	PASS

## Test Graphs

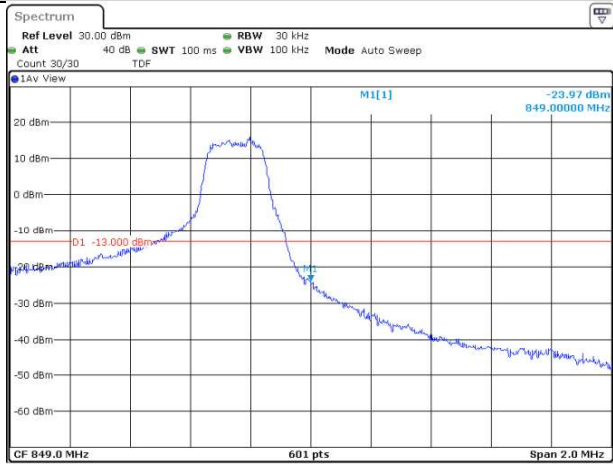


**Band5-1.4MHz-QPSK-20407-6RB#0**



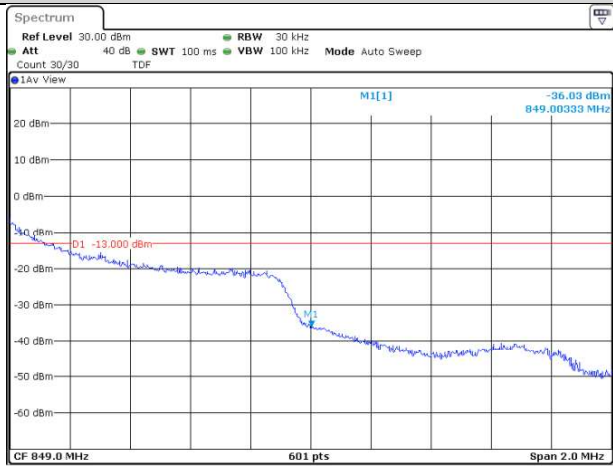
Date: 18.AUG.2020 11:09:37

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



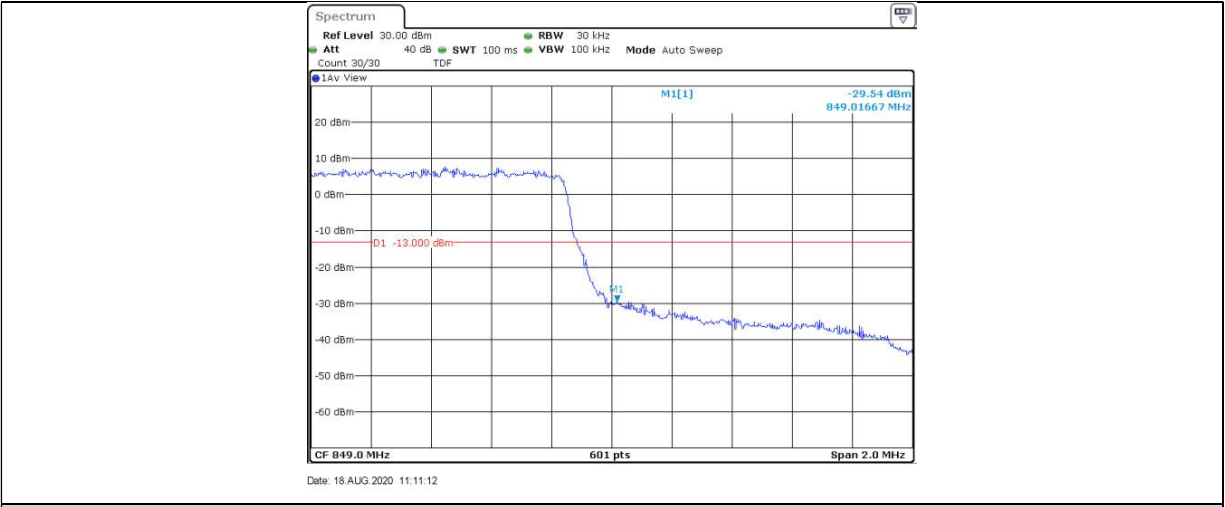
Date: 18.AUG.2020 11:10:44

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

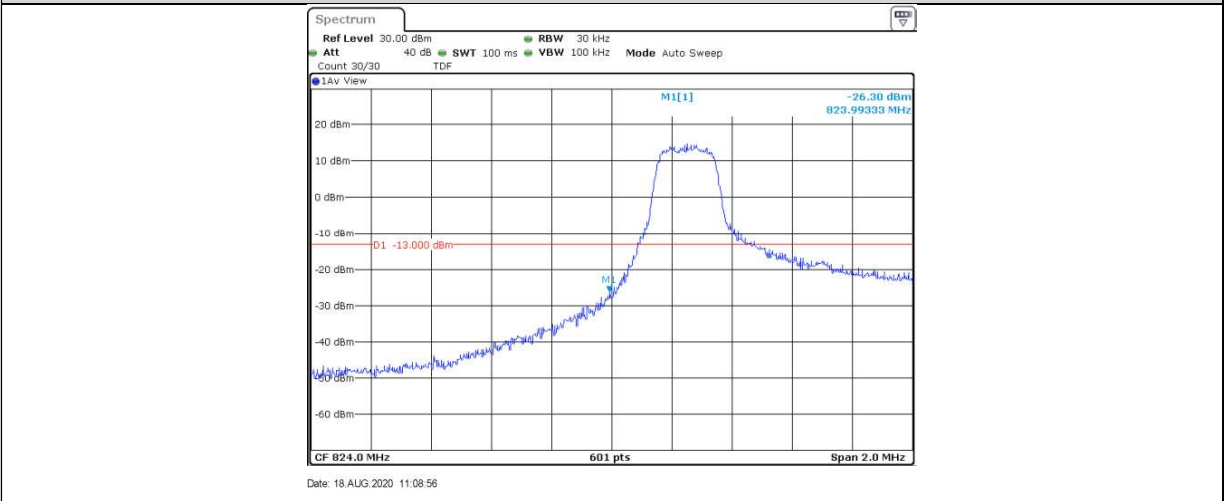


Date: 18.AUG.2020 11:10:17

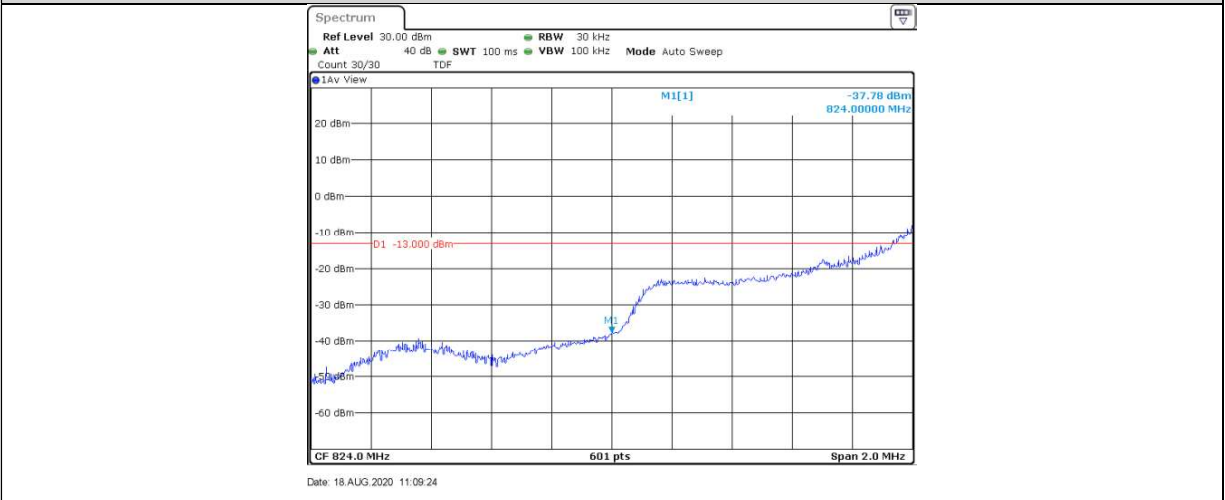
**Band5-1.4MHz-QPSK-20643-6RB#0**



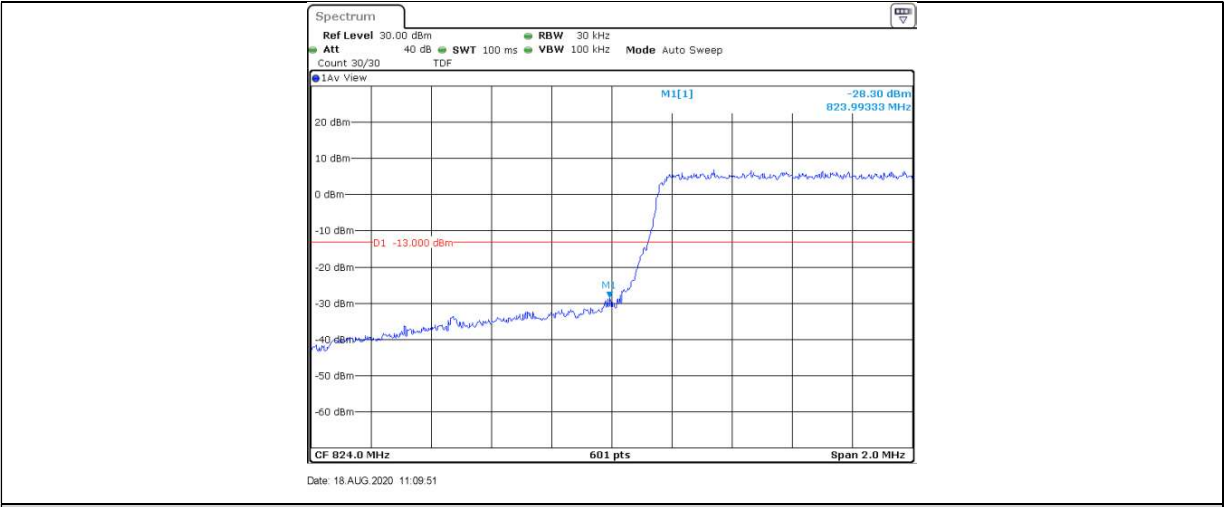
Band5-1.4MHz-16QAM-20407-1RB#0



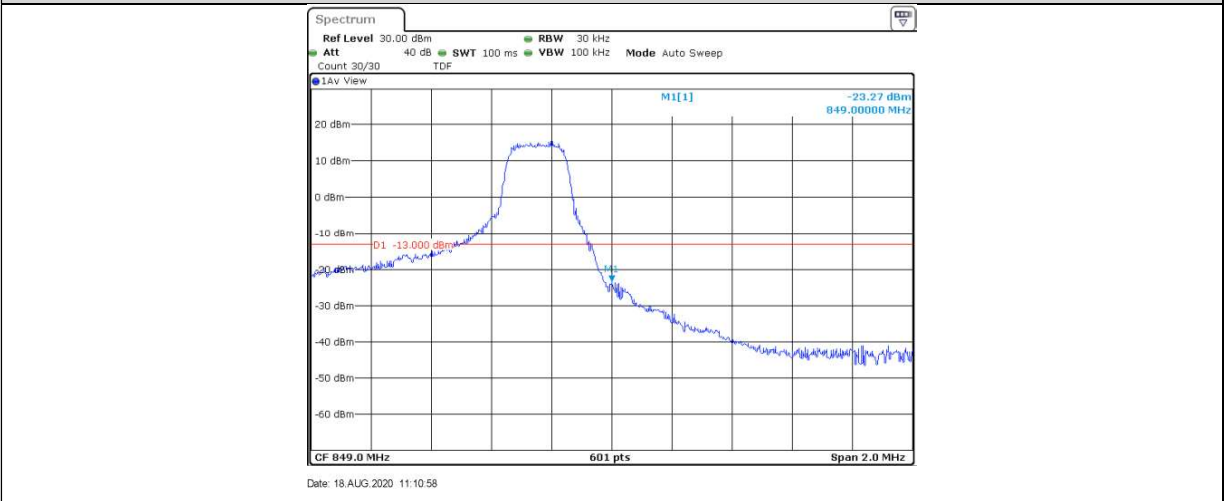
Band5-1.4MHz-16QAM-20407-1RB#5



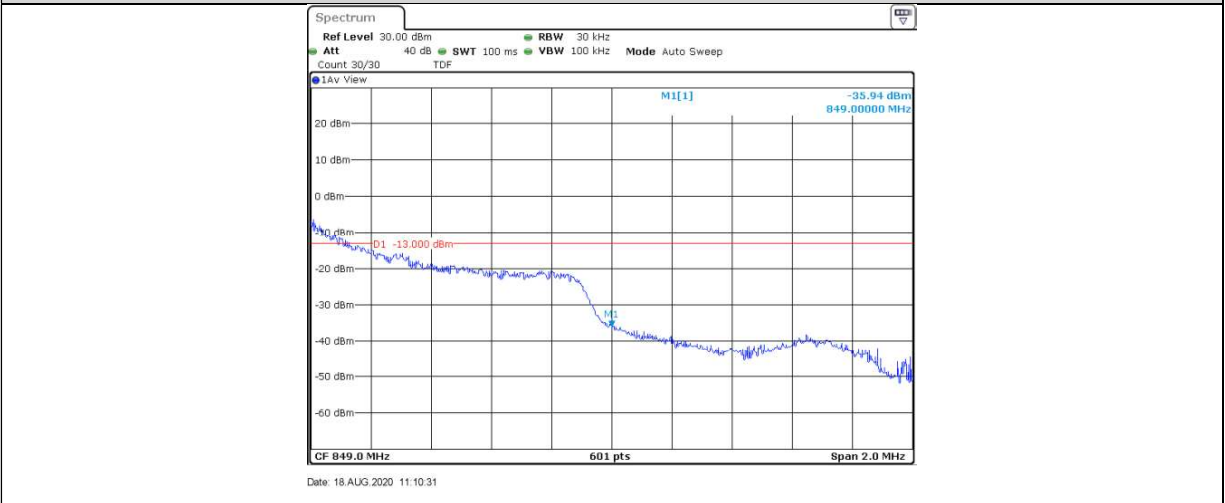
Band5-1.4MHz-16QAM-20407-6RB#0



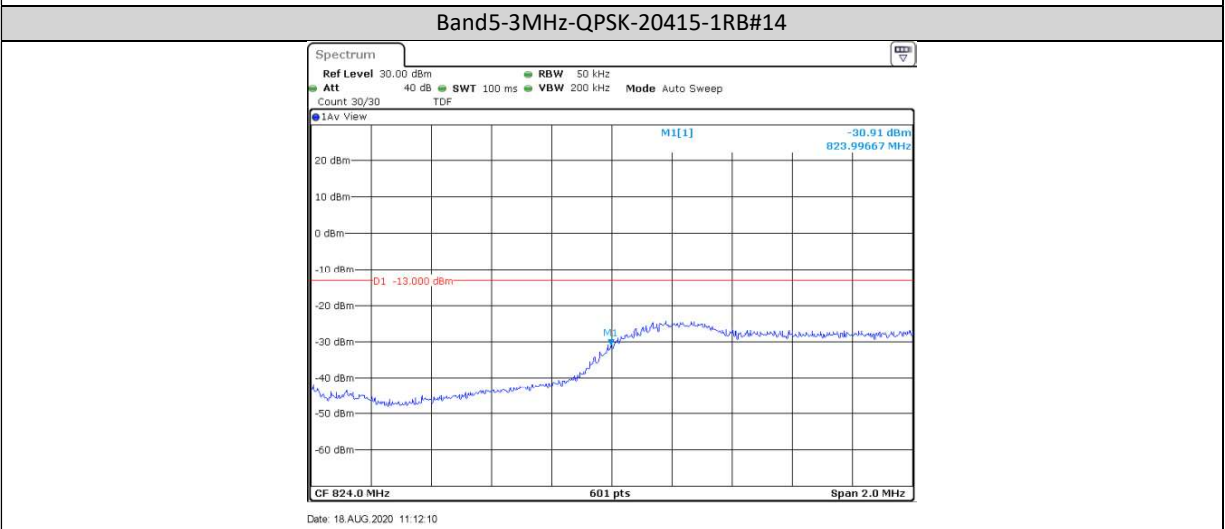
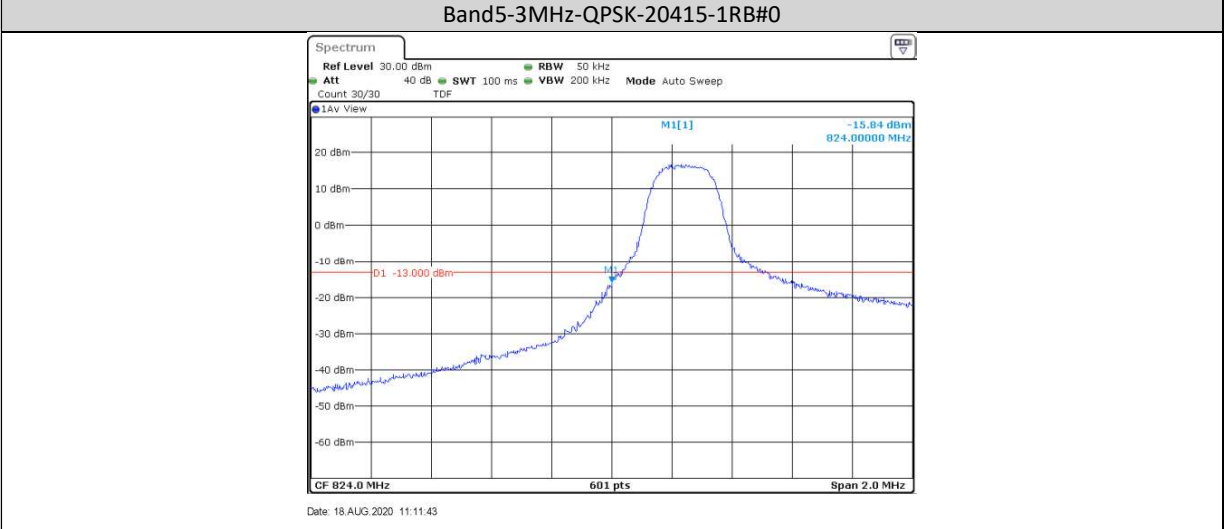
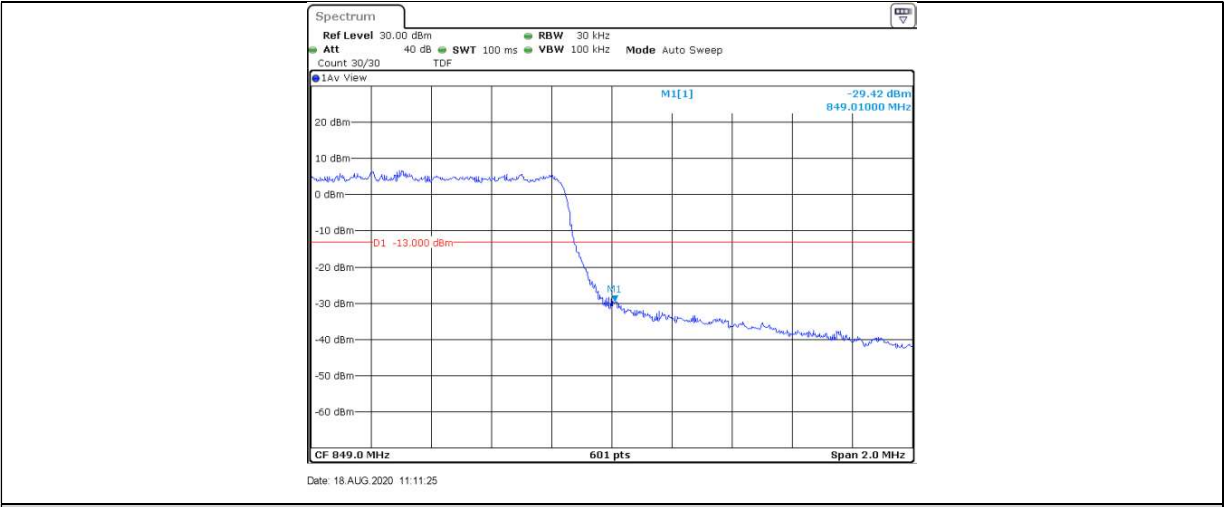
Band5-1.4MHz-16QAM-20643-1RB#5



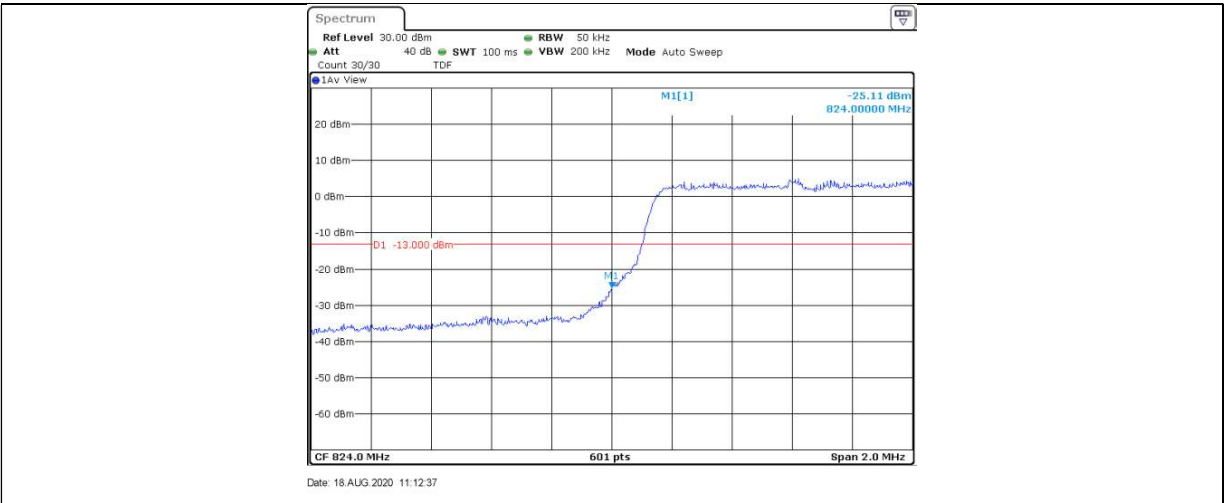
Band5-1.4MHz-16QAM-20643-1RB#0



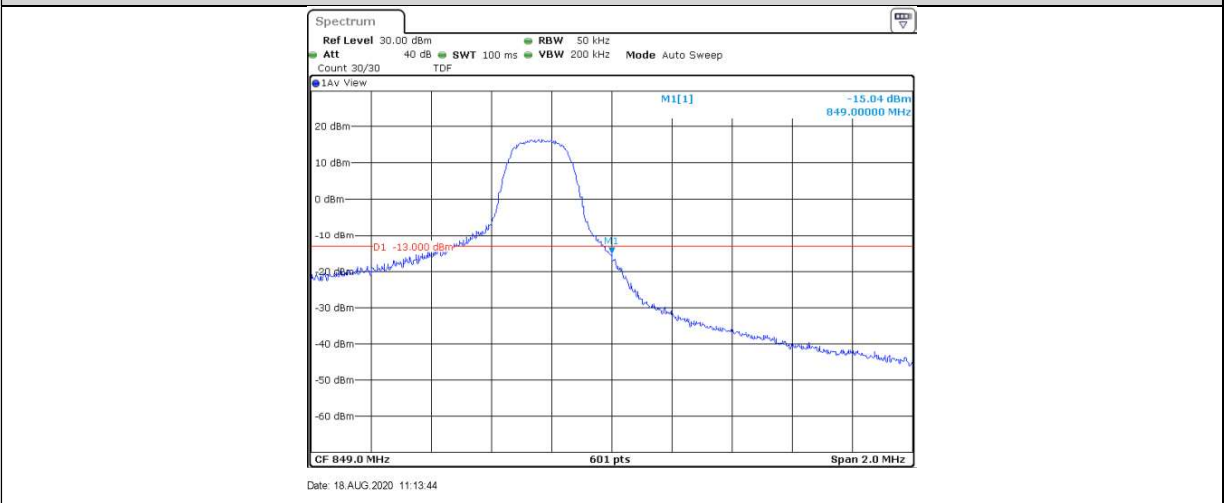
Band5-1.4MHz-16QAM-20643-6RB#0







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



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



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

