

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#2	22.96	20.56	33	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.99	20.59	33	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	23.04	20.64	33	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.05	20.65	33	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.05	20.65	33	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.00	20.6	33	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.97	19.57	33	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.95	20.55	33	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.97	20.57	33	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.05	20.65	33	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.79	20.39	33	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.86	20.46	33	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.82	20.42	33	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.06	19.66	33	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.92	20.52	33	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.90	20.5	33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.95	20.55	33	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.86	20.46	33	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.91	20.51	33	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.86	20.46	33	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.10	19.7	33	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.96	19.56	33	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.11	19.71	33	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.09	19.69	33	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.64	19.24	33	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.66	19.26	33	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.66	19.26	33	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.74	18.34	33	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.82	19.42	33	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.04	19.64	33	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.95	19.55	33	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.76	19.36	33	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	21.76	19.36	33	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.82	19.42	33	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.06	18.66	33	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.05	19.65	33	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.99	19.59	33	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.17	19.77	33	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.98	19.58	33	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.95	19.55	33	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.05	19.65	33	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.23	18.83	33	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.03	20.63	33	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.07	20.67	33	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.93	20.53	33	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.08	19.68	33	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.07	19.67	33	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.07	19.67	33	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.98	19.58	33	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.76	20.36	33	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.67	20.27	33	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.90	20.5	33	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.92	19.52	33	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.04	19.64	33	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.02	19.62	33	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.85	19.45	33	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.94	20.54	33	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.80	20.4	33	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.88	20.48	33	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.08	19.68	33	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.07	19.67	33	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.06	19.66	33	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.04	19.64	33	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.49	19.09	33	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.49	19.09	33	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.54	19.14	33	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.13	18.73	33	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.17	18.77	33	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.15	18.75	33	PASS

Band12	3MHz	16QAM	23025	15RB#0	20.82	18.42	33	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.27	19.87	33	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.38	19.98	33	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.46	20.06	33	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.93	18.53	33	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.17	18.77	33	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.16	18.76	33	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.97	18.57	33	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.86	19.46	33	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.81	19.41	33	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.84	19.44	33	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.24	18.84	33	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.29	18.89	33	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.23	18.83	33	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.00	18.6	33	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.91	20.51	33	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.86	20.46	33	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.16	20.76	33	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.04	19.64	33	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.05	19.65	33	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.04	19.64	33	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.00	19.6	33	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.06	20.66	33	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.90	20.5	33	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.95	20.55	33	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.90	19.5	33	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.84	19.44	33	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.91	19.51	33	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.89	19.49	33	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.94	20.54	33	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.08	20.68	33	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.00	20.6	33	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.85	19.45	33	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.04	19.64	33	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.00	19.6	33	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.10	19.7	33	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.72	19.32	33	PASS

Band12	5MHz	16QAM	23035	1RB#0	21.72	19.32	33	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.70	19.3	33	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.00	18.6	33	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.99	18.59	33	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.00	18.6	33	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.93	18.53	33	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.55	19.15	33	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.50	19.1	33	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.71	19.31	33	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.95	18.55	33	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.01	18.61	33	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.95	18.55	33	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.99	18.59	33	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.43	19.03	33	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.39	18.99	33	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.30	18.9	33	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.99	18.59	33	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.09	18.69	33	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.00	18.6	33	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.20	18.8	33	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.28	20.88	33	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.04	20.64	33	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.02	20.62	33	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.20	19.8	33	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.21	19.81	33	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.20	19.8	33	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.18	19.78	33	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.90	20.5	33	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.04	20.64	33	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.92	20.52	33	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.12	19.72	33	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.12	19.72	33	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.11	19.71	33	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.01	19.61	33	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.87	20.47	33	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.01	20.61	33	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.31	19.91	33	PASS

Band12	10MHz	QPSK	23130	25RB#25	22.98	20.58	33	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.04	19.64	33	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.07	19.67	33	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.13	19.73	33	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.88	19.48	33	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.90	19.5	33	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.82	19.42	33	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.31	18.91	33	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.30	18.9	33	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.21	18.81	33	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.16	18.76	33	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.05	19.65	33	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.09	19.69	33	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.17	19.77	33	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.31	18.91	33	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.25	18.85	33	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.25	18.85	33	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.13	18.73	33	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.75	19.35	33	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.65	19.25	33	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.70	19.3	33	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.95	18.55	33	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.25	18.85	33	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.94	18.54	33	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.25	18.85	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 12 is -2.4dBi.

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	4.58	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.39	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.87	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.39	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.49	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.22	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.51	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.09	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.71	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.26	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.99	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.91	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.58	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.19	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.81	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.10	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.67	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.07	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.65	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.06	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.54	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.09	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.62	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.00	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.70	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.22	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.72	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.19	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.78	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.07	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.71	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.06	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.59	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.12	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.80	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.91	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.64	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.19	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.90	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.22	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.87	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.19	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.80	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.14	13	PASS

Total Quality. Assured.

Band12	10MHz	16QAM	23095	1RB#0	5.77	13	PASS
Band12	10MHz	16QAM	23095	5ORB#0	6.14	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.88	13	PASS
Band12	10MHz	16QAM	23130	5ORB#0	6.03	13	PASS

Appendix C: Modulation Characteristics

Test Plots

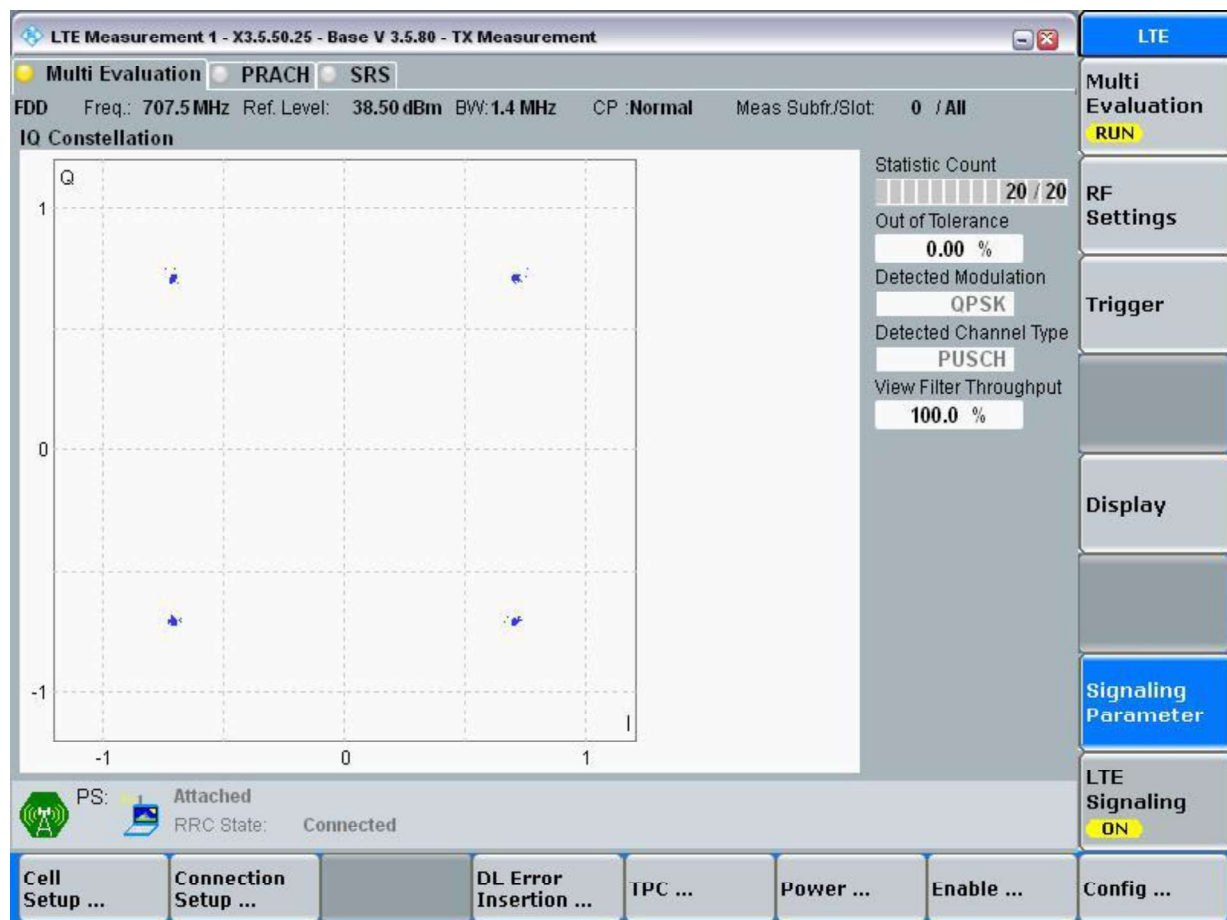
Test Band = BAND12

Test Mode = LTE/TM1

Test Bandwidth = 1.4MHz

Test Channel = MCH

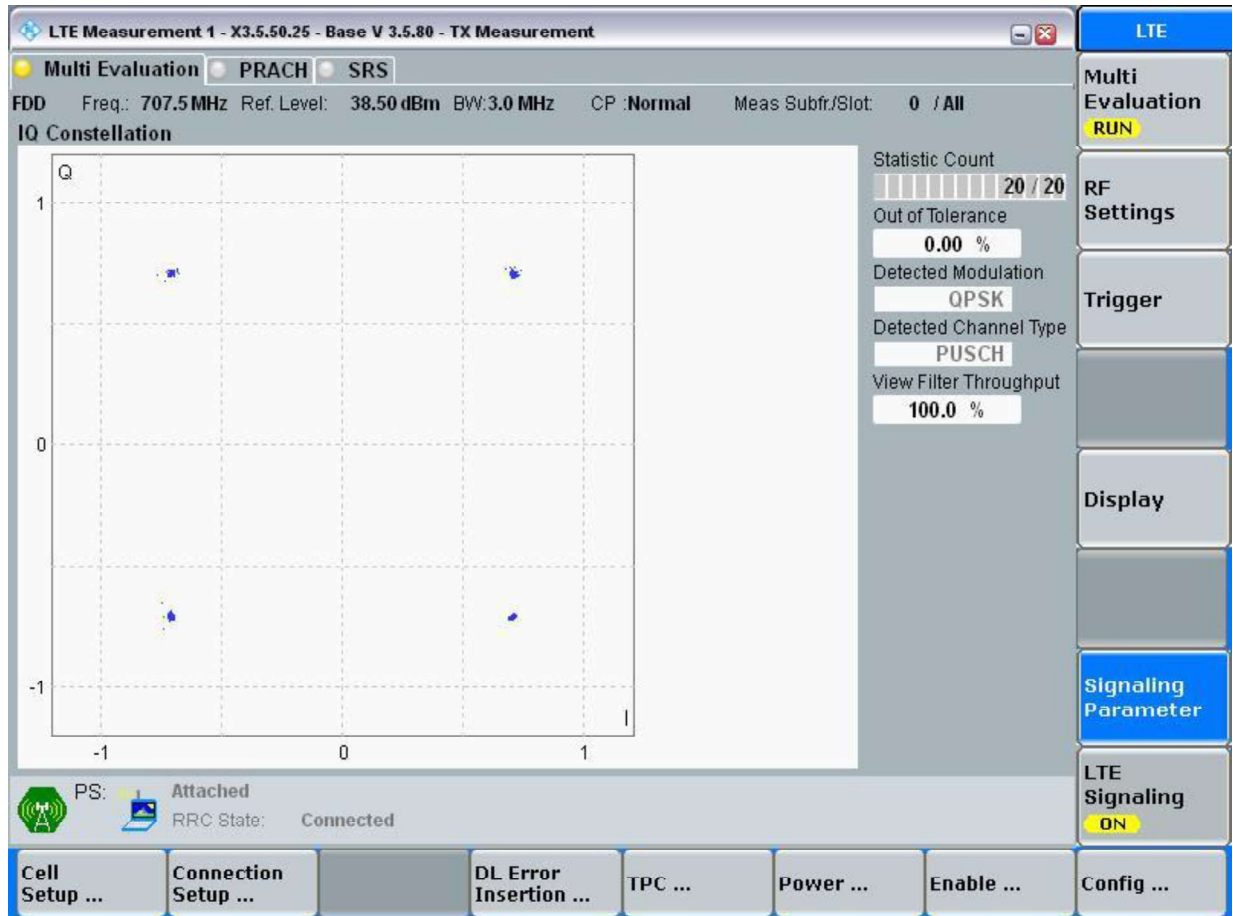
Test RB = RB6#0



Test Bandwidth = 3 MHz

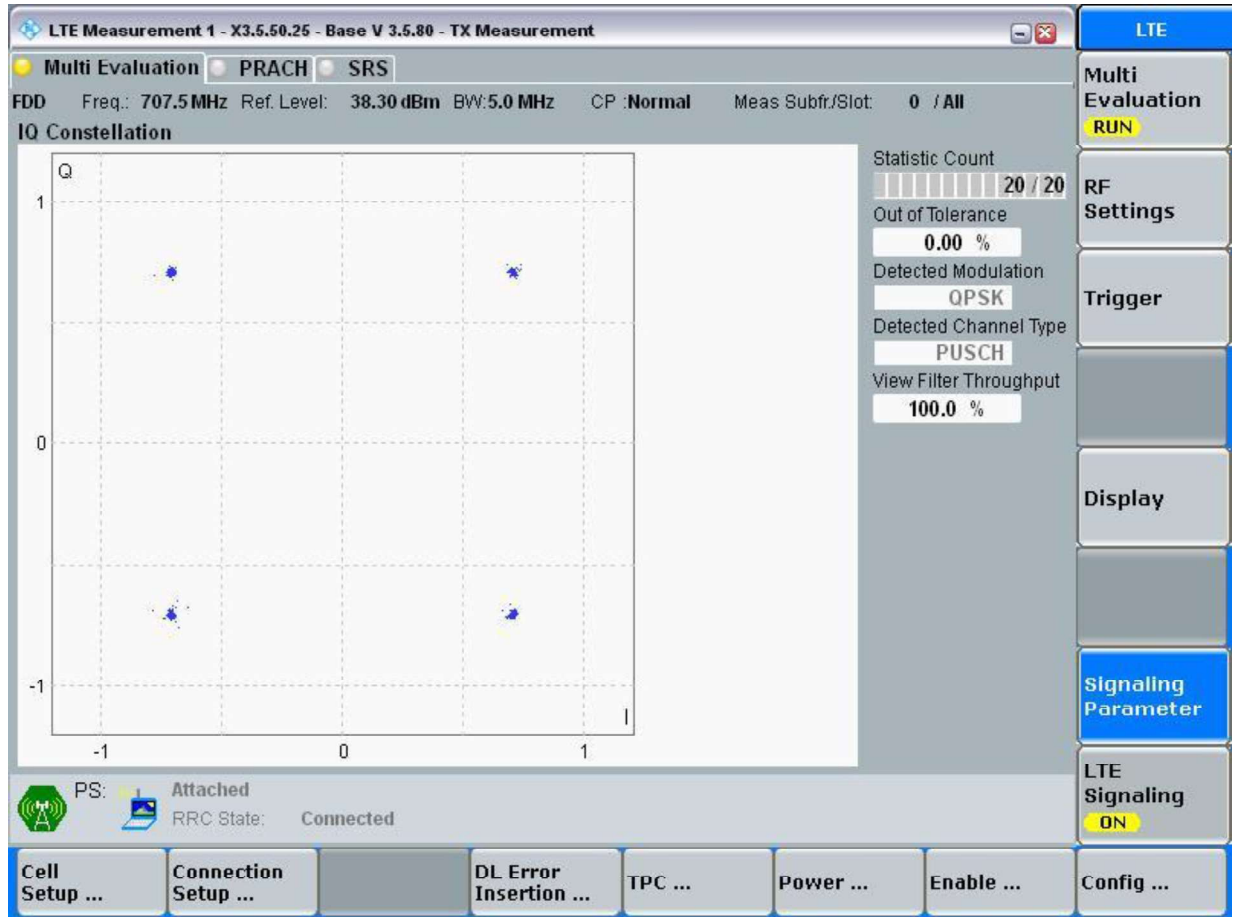
Test Channel = MCH

Test RB = RB15#0



Test Channel = MCH

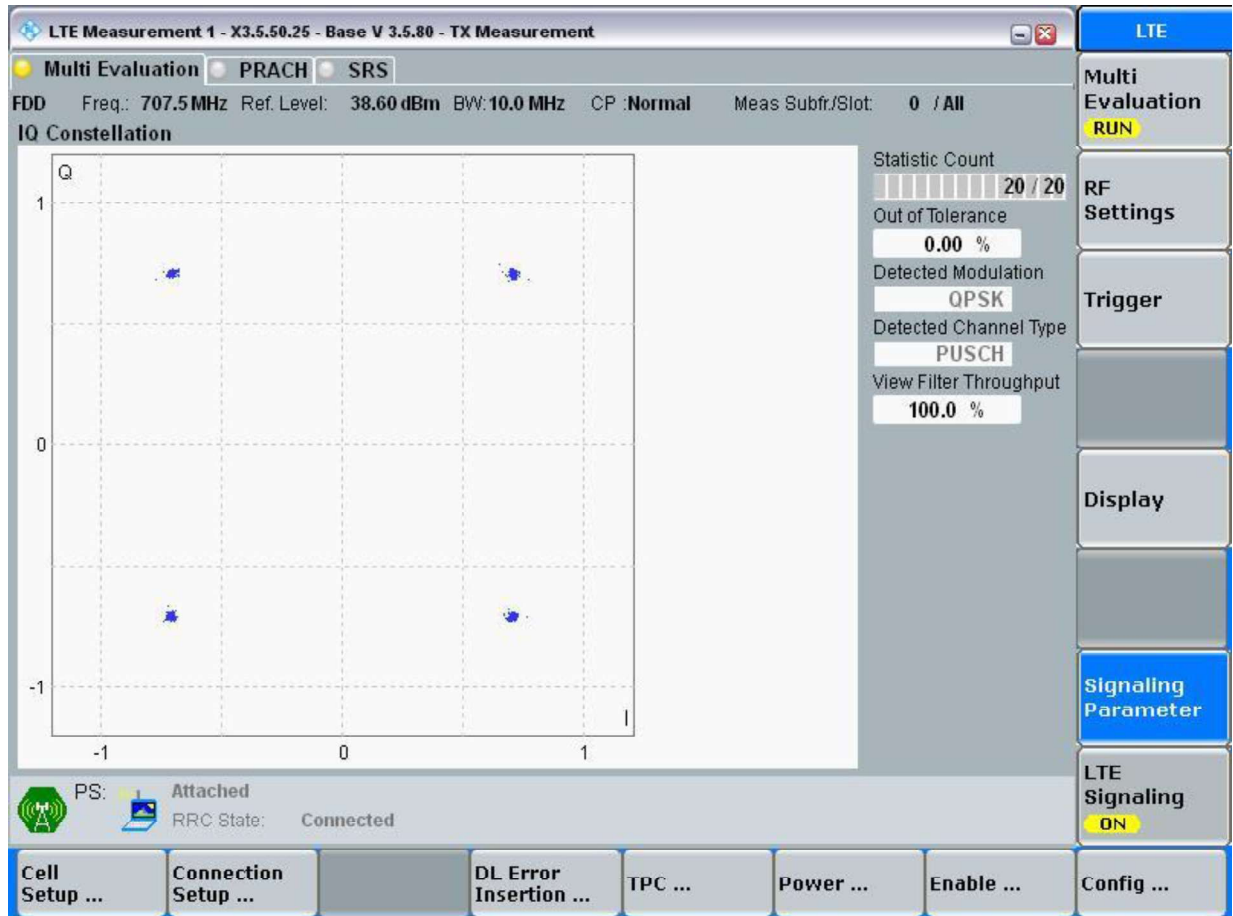
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

Test RB = RB50#0

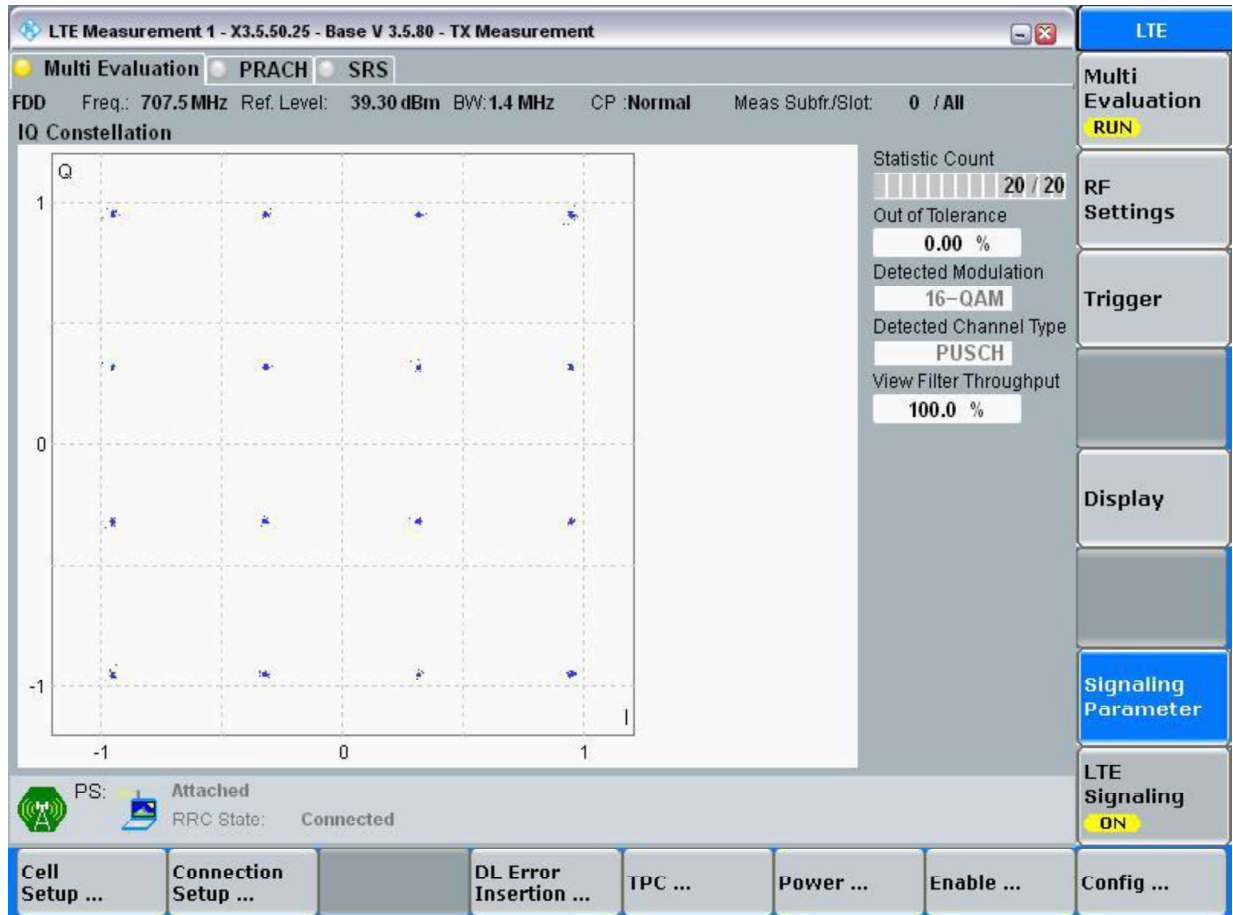


Test Mode = LTE/TM2

Bandwidth = 1.4MHz

Test Channel = MCH

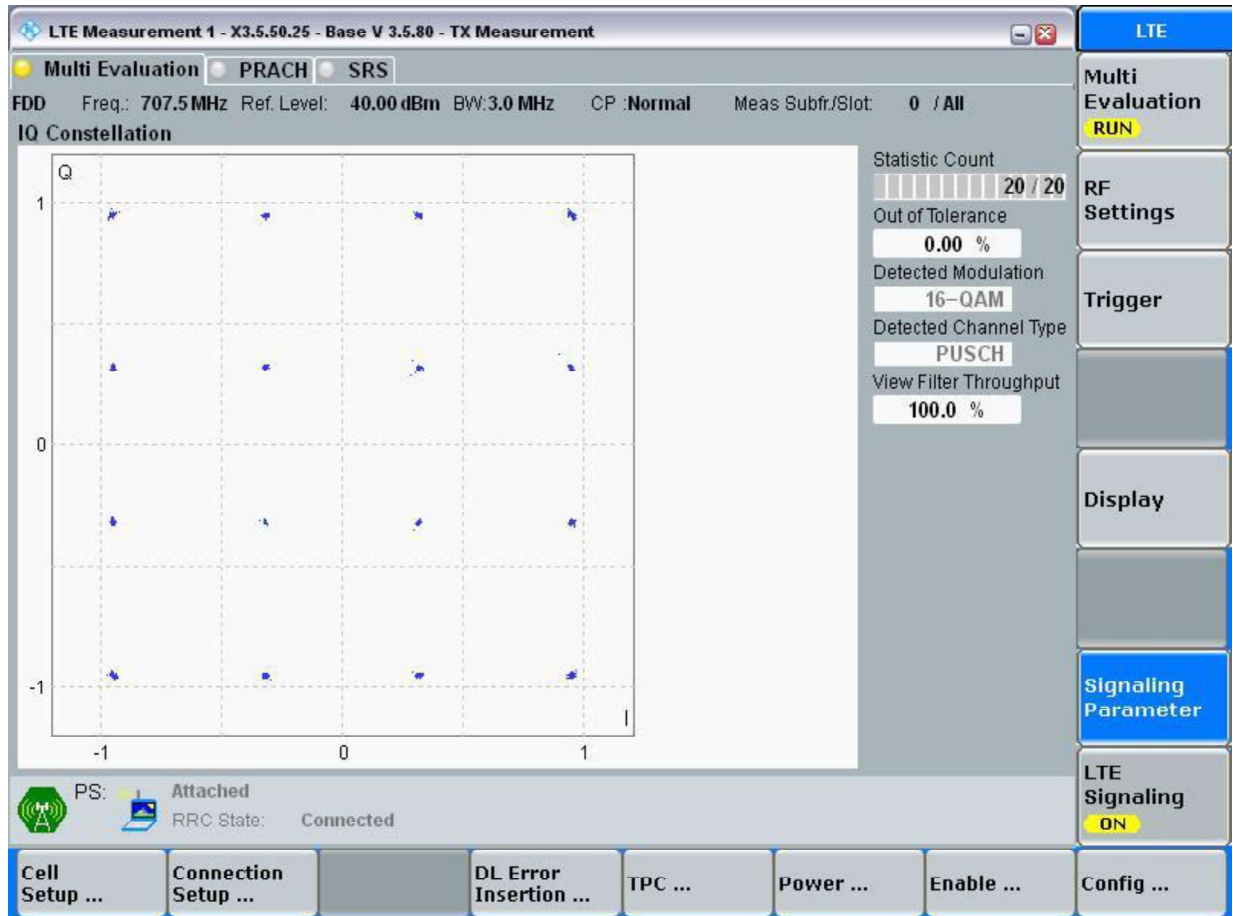
Test RB = RB6#0



Test Bandwidth = 3MHz

Test Channel = MCH

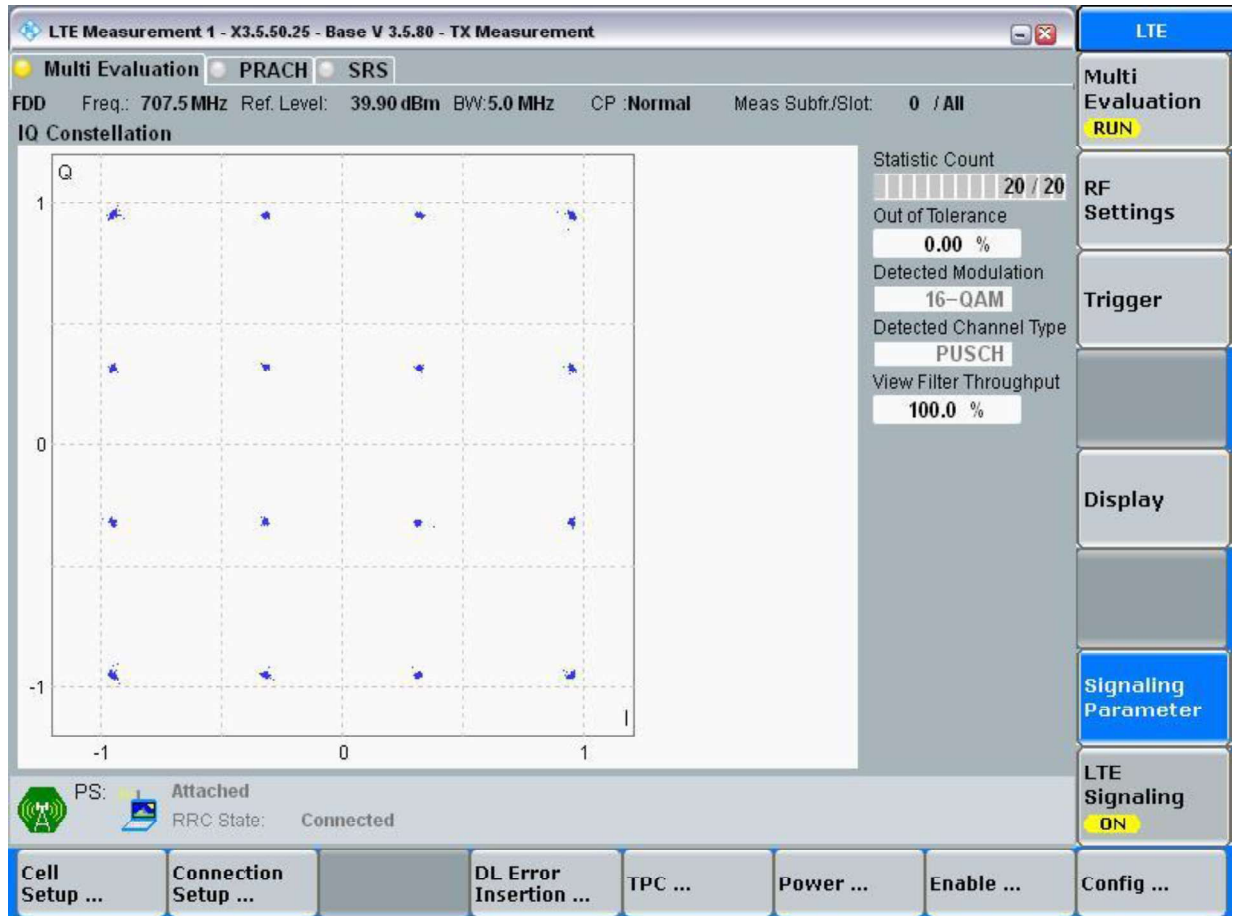
Test RB = RB15#0



Test Bandwidth = 5MHz

Test Channel = MCH

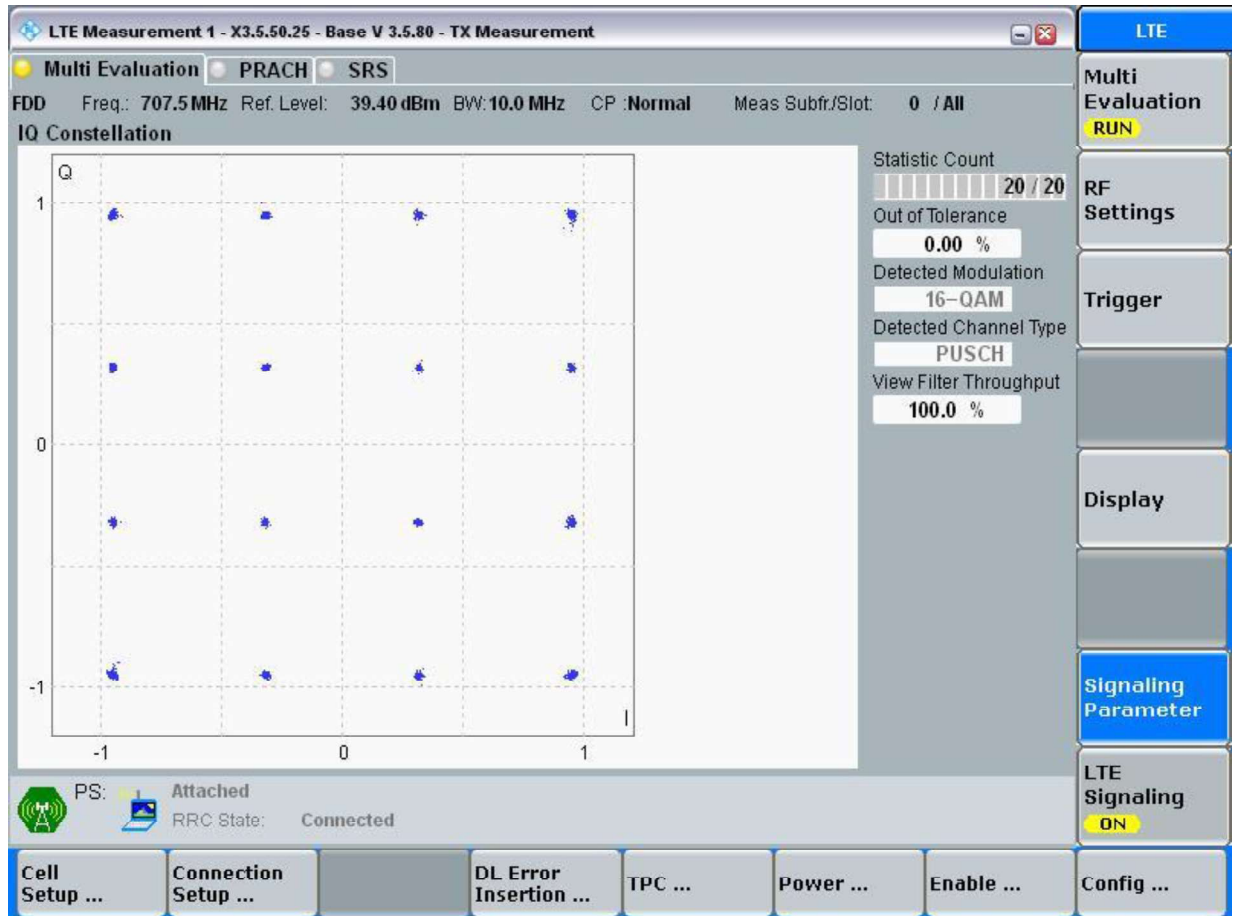
Test RB = RB25#0



Test Bandwidth = 10MHz

Test Channel = MCH

Test RB = RB50#0

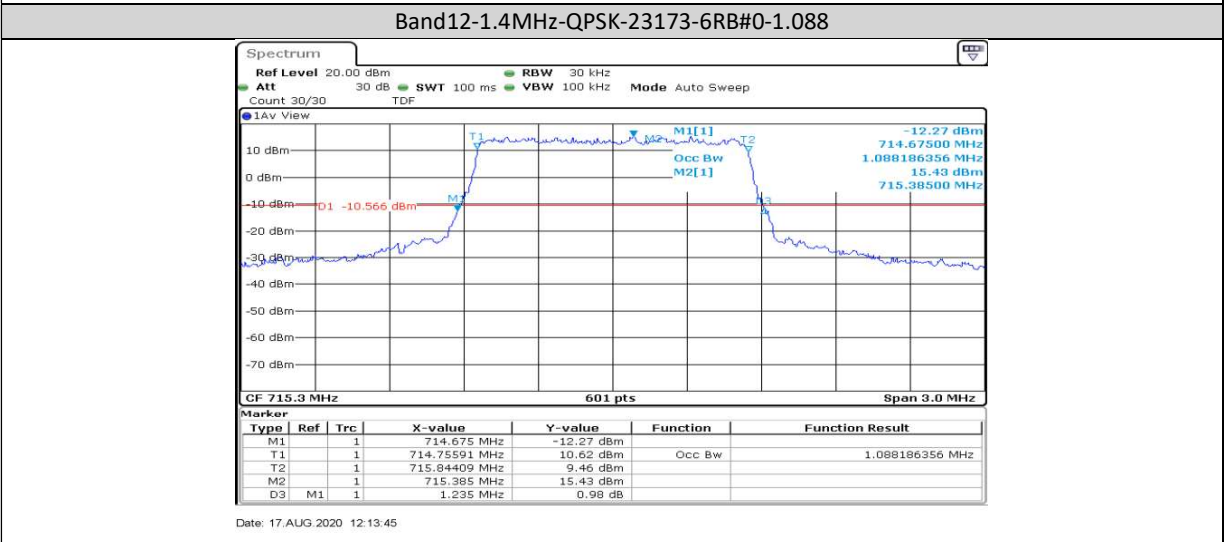
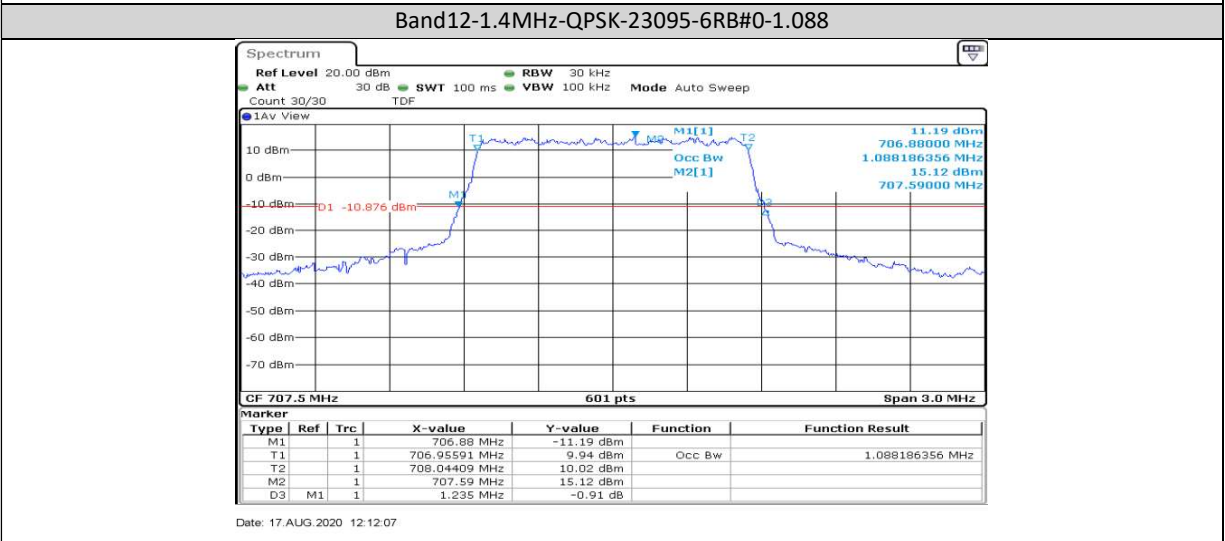
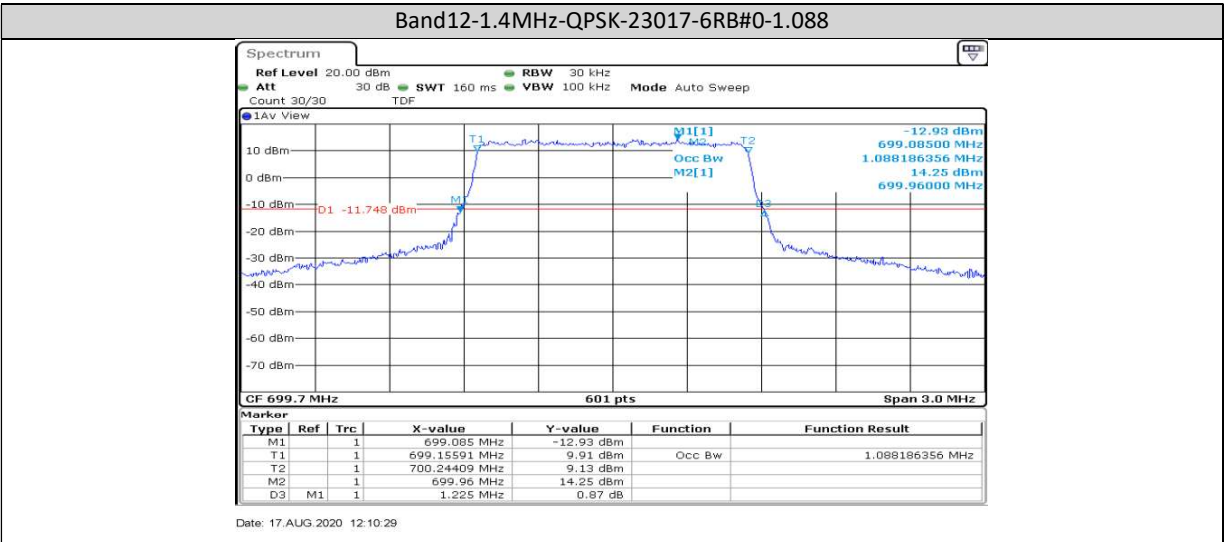


Appendix D: Bandwidth

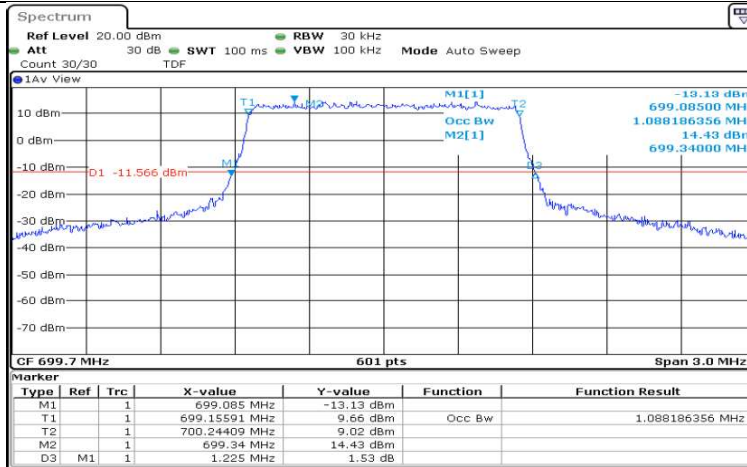
Test Results

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.088	1.225	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.088	1.235	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.088	1.235	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.088	1.225	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.088	1.225	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.088	1.230	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.696	2.890	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.696	2.880	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.696	2.880	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.696	2.920	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.696	2.870	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.696	2.900	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.486	4.780	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.496	4.790	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.486	4.790	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.496	4.800	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.496	4.780	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.496	4.780	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.985	9.533	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.985	9.533	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.985	9.533	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.985	9.533	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.952	9.567	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.985	9.533	PASS

Test Plots

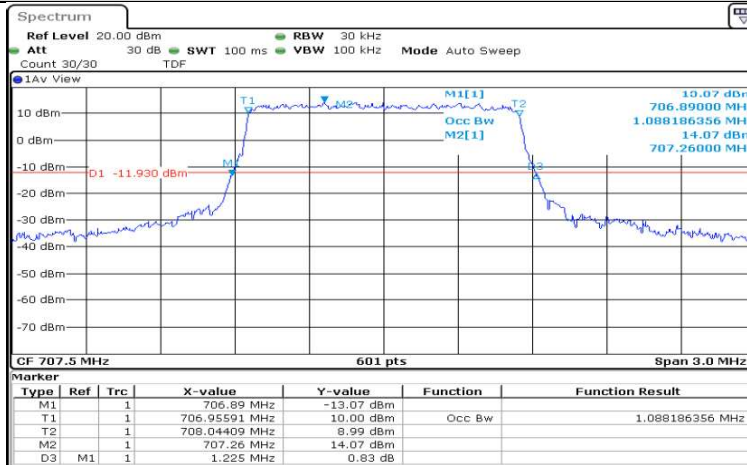


Band12-1.4MHz-16QAM-23017-6RB#0-1.088



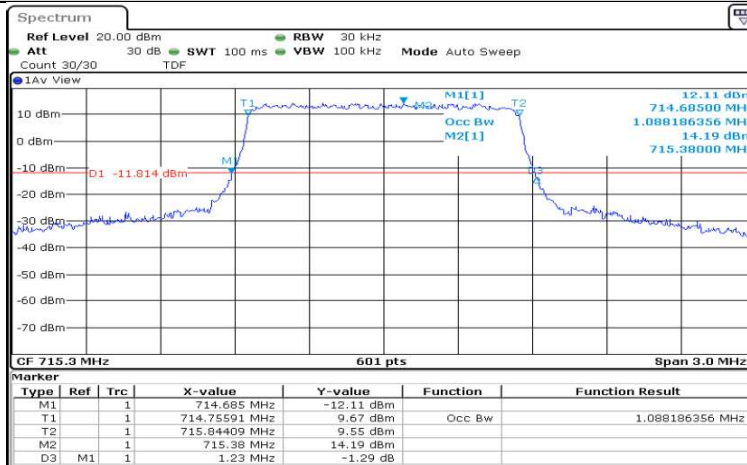
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Band12-1.4MHz-16QAM-23095-6RB#0-1.088



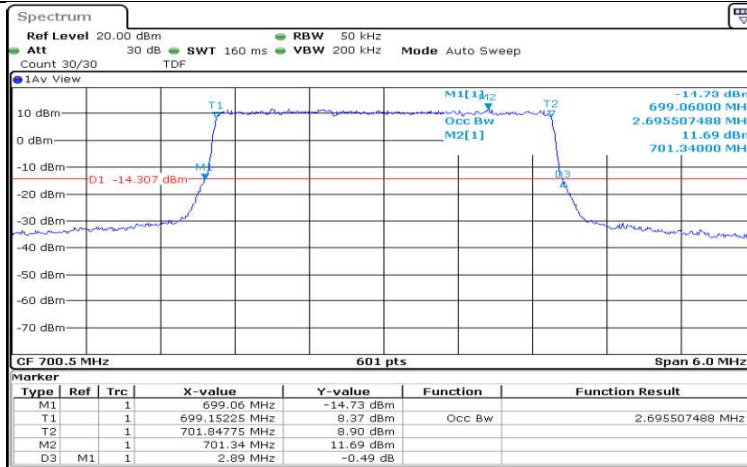
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Band12-1.4MHz-16QAM-23173-6RB#0-1.088



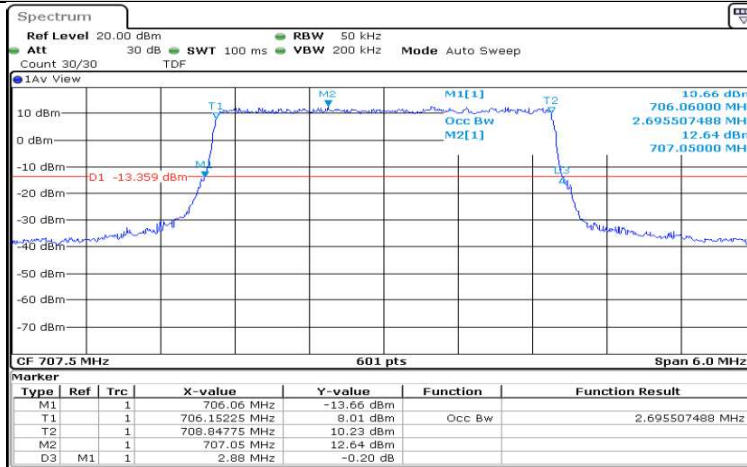
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Band12-3MHz-QPSK-23025-15RB#0-2.696



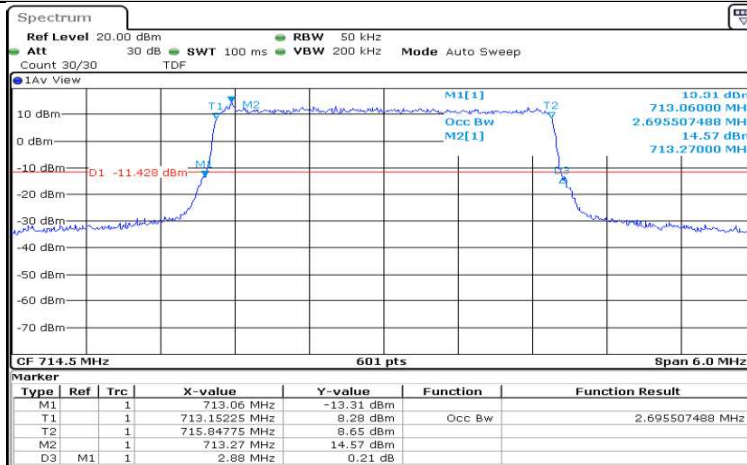
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Band12-3MHz-QPSK-23095-15RB#0-2.696



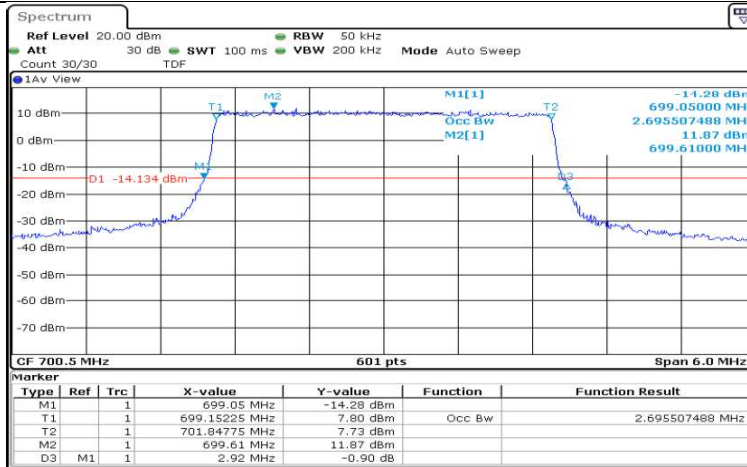
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Band12-3MHz-QPSK-23165-15RB#0-2.696



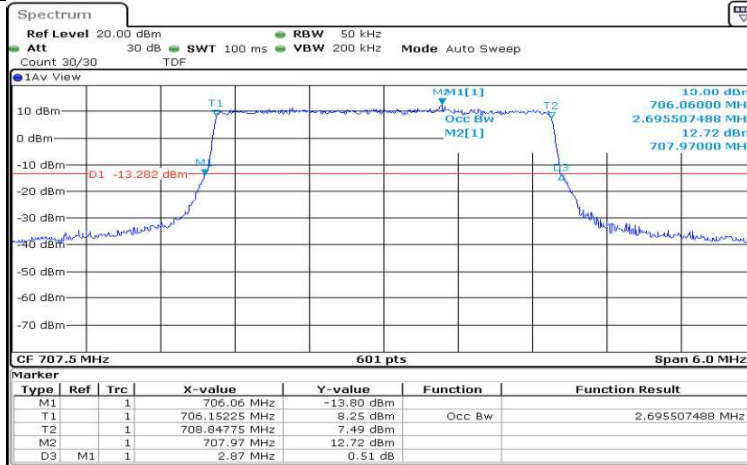
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Band12-3MHz-16QAM-23025-15RB#0-2.696



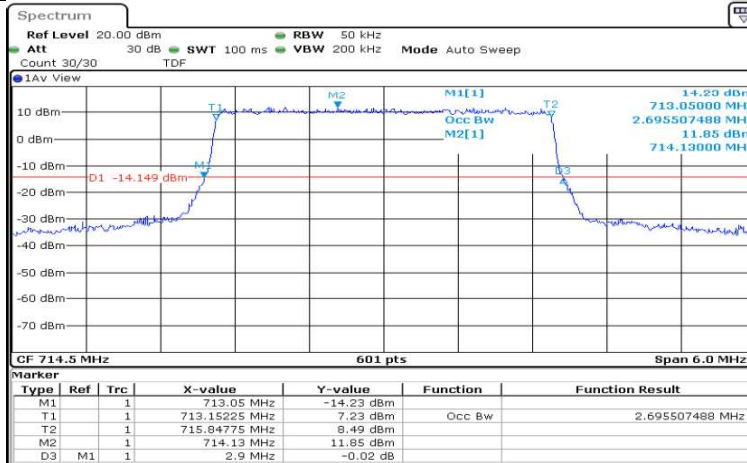
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Band12-3MHz-16QAM-23095-15RB#0-2.696



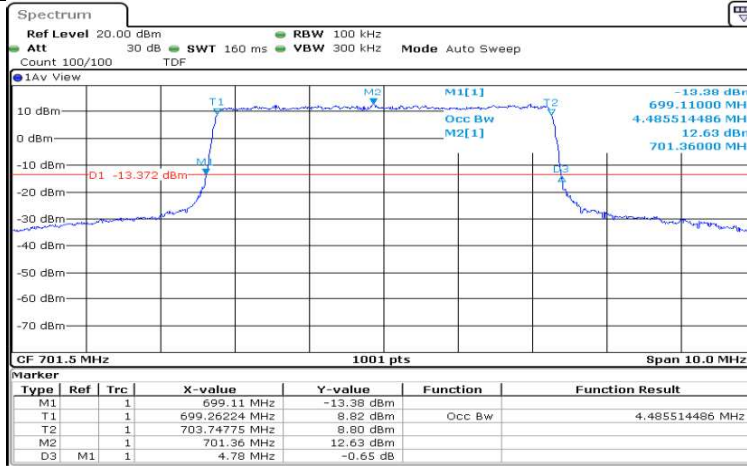
Date: 17.AUG.2020 12:46:56

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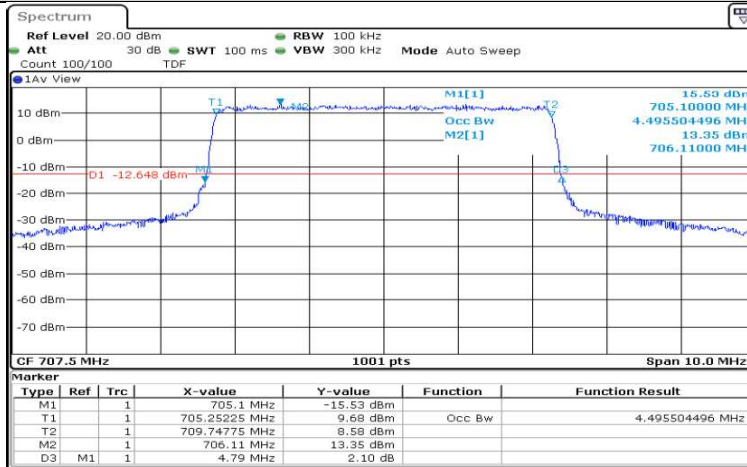


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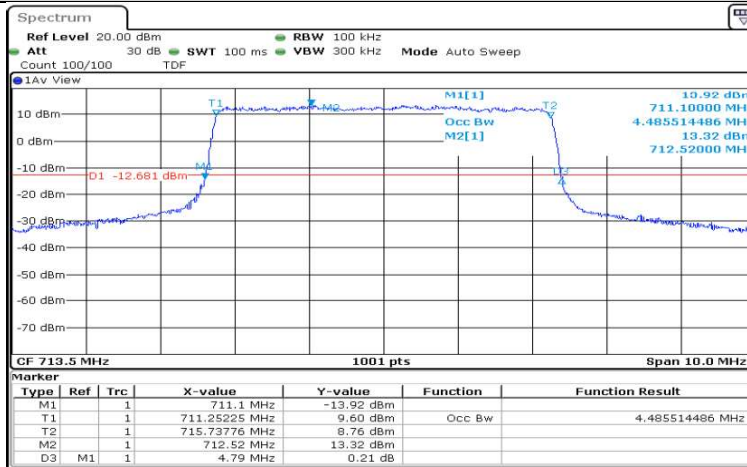
Band12-5MHz-QPSK-23035-25RB#0-4.486



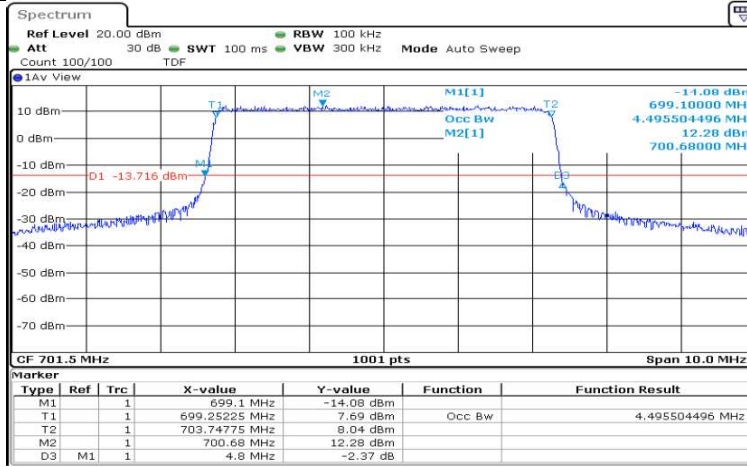
Band12-5MHz-QPSK-23095-25RB#0-4.496



Band12-5MHz-QPSK-23155-25RB#0-4.486

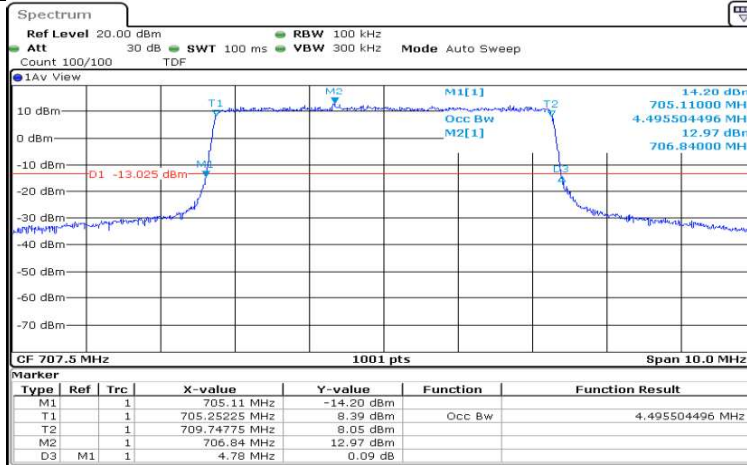


Band12-5MHz-16QAM-23035-25RB#0-4.496



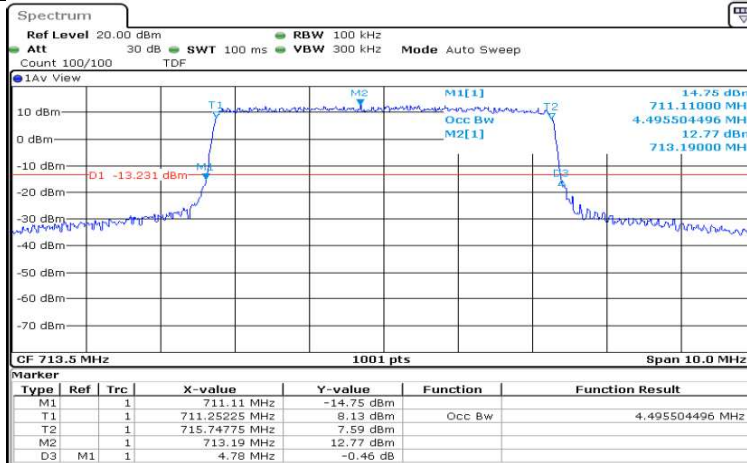
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Band12-5MHz-16QAM-23095-25RB#0-4.496



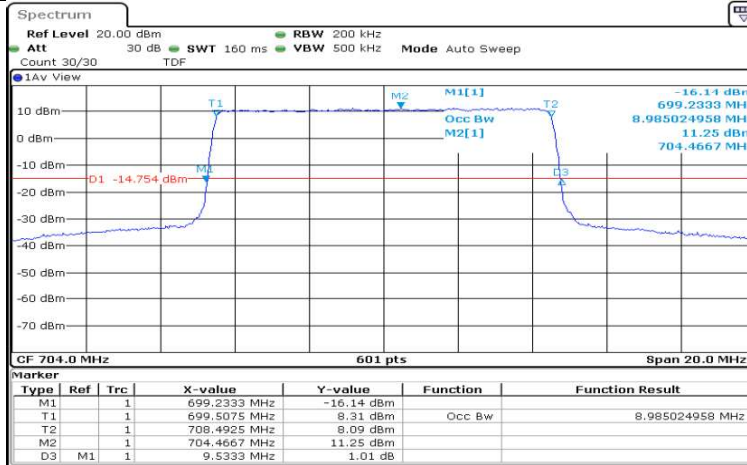
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Band12-5MHz-16QAM-23155-25RB#0-4.496

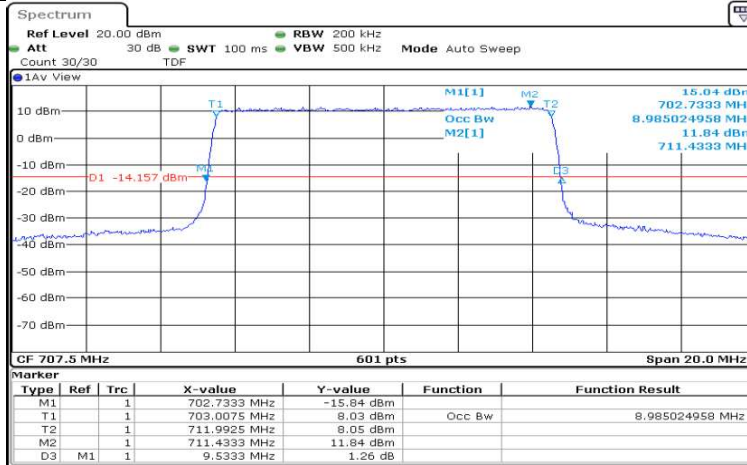


Date: 17.AUG.2020 13:08:44

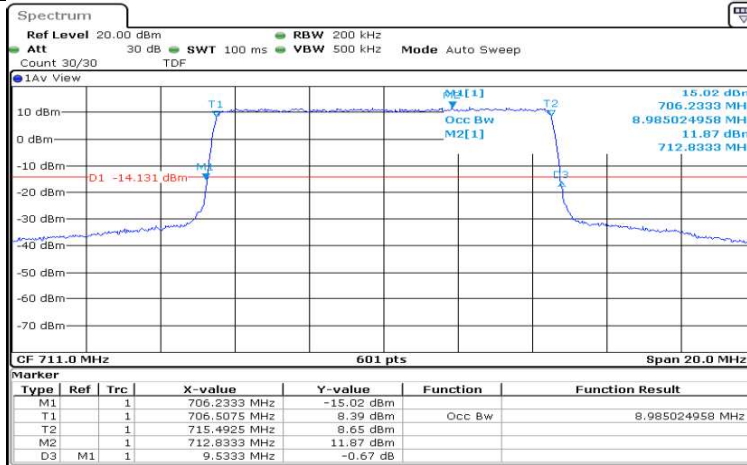
Band12-10MHz-QPSK-23060-50RB#0-8.985



Band12-10MHz-QPSK-23095-50RB#0-8.985



Band12-10MHz-QPSK-23130-50RB#0-8.985



Band12-10MHz-16QAM-23060-50RB#0-8.985