



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
BAND12	LTE/TM1	1.4	LCH	RB1#0	22.47	18.10	34.7	PASS
				RB1#3	22.48	18.12	34.7	PASS
				RB1#5	22.48	18.13	34.7	PASS
				RB3#0	22.46	17.95	34.7	PASS
				RB3#2	22.47	18.10	34.7	PASS
				RB3#3	22.41	18.02	34.7	PASS
				RB6#0	21.43	17.04	34.7	PASS
			MCH	RB1#0	22.55	18.08	34.7	PASS
				RB1#3	22.55	18.23	34.7	PASS
				RB1#5	22.57	18.34	34.7	PASS
				RB3#0	22.54	18.24	34.7	PASS
				RB3#2	22.6	18.14	34.7	PASS
				RB3#3	22.54	18.17	34.7	PASS
				RB6#0	21.56	17.40	34.7	PASS
			HCH	RB1#0	22.7	18.31	34.7	PASS
				RB1#3	22.68	18.39	34.7	PASS
				RB1#5	22.67	18.51	34.7	PASS
				RB3#0	22.66	18.36	34.7	PASS
				RB3#2	22.72	18.56	34.7	PASS
				RB3#3	22.68	18.21	34.7	PASS
				RB6#0	21.62	17.44	34.7	PASS
		3	LCH	RB1#0	22.45	18.18	34.7	PASS
				RB1#7	22.5	18.12	34.7	PASS
				RB1#14	22.47	18.06	34.7	PASS
				RB8#0	21.47	16.99	34.7	PASS
				RB8#4	21.49	17.28	34.7	PASS
				RB8#7	21.45	17.02	34.7	PASS
				RB15#0	21.5	17.07	34.7	PASS
			MCH	RB1#0	22.53	18.25	34.7	PASS
				RB1#7	22.58	18.31	34.7	PASS
				RB1#14	22.65	18.49	34.7	PASS
				RB8#0	21.58	17.07	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB8#4	21.52	17.20	34.7	PASS
				RB8#7	21.52	17.13	34.7	PASS
				RB15#0	21.53	17.24	34.7	PASS
			HCH	RB1#0	22.69	18.50	34.7	PASS
				RB1#7	22.75	18.25	34.7	PASS
				RB1#14	22.6	18.05	34.7	PASS
				RB8#0	21.67	17.22	34.7	PASS
				RB8#4	21.7	17.19	34.7	PASS
				RB8#7	21.67	17.33	34.7	PASS
				RB15#0	21.65	17.47	34.7	PASS
		5	LCH	RB1#0	22.45	18.04	34.7	PASS
				RB1#13	22.55	18.38	34.7	PASS
				RB1#24	22.52	18.15	34.7	PASS
				RB12#0	21.48	17.13	34.7	PASS
				RB12#6	21.52	17.28	34.7	PASS
				RB12#13	21.52	17.08	34.7	PASS
				RB25#0	21.51	17.10	34.7	PASS
			MCH	RB1#0	22.51	18.25	34.7	PASS
				RB1#13	22.53	18.01	34.7	PASS
				RB1#24	22.63	18.29	34.7	PASS
				RB12#0	21.59	17.38	34.7	PASS
				RB12#6	21.56	17.23	34.7	PASS
				RB12#13	21.59	17.06	34.7	PASS
				RB25#0	21.55	17.06	34.7	PASS
			HCH	RB1#0	22.68	18.48	34.7	PASS
				RB1#13	22.72	18.44	34.7	PASS
				RB1#24	22.59	18.37	34.7	PASS
				RB12#0	21.72	17.19	34.7	PASS
				RB12#6	21.71	17.50	34.7	PASS
				RB12#13	21.63	17.37	34.7	PASS
				RB25#0	21.66	17.25	34.7	PASS
		10	LCH	RB1#0	22.26	17.87	34.7	PASS
				RB1#25	22.56	18.08	34.7	PASS
				RB1#49	22.42	17.94	34.7	PASS
				RB25#0	21.4	16.86	34.7	PASS
				RB25#1	21.51	17.00	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				3				
				RB25#25	21.53	17.25	34.7	PASS
				RB50#0	21.46	17.30	34.7	PASS
			MCH	RB1#0	22.42	18.07	34.7	PASS
				RB1#25	22.56	18.23	34.7	PASS
				RB1#49	22.59	18.22	34.7	PASS
				RB25#0	21.48	16.97	34.7	PASS
				RB25#13	21.52	16.98	34.7	PASS
				RB25#25	21.55	17.07	34.7	PASS
				RB50#0	21.49	17.32	34.7	PASS
			HCH	RB1#0	22.38	17.98	34.7	PASS
				RB1#25	22.72	18.36	34.7	PASS
				RB1#49	22.56	18.23	34.7	PASS
				RB25#0	21.61	17.45	34.7	PASS
				RB25#13	21.69	17.28	34.7	PASS
				RB25#25	21.7	17.35	34.7	PASS
				RB50#0	21.63	17.14	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.54	17.15	34.7	PASS
				RB1#3	21.6	17.32	34.7	PASS
				RB1#5	21.57	17.42	34.7	PASS
				RB3#0	21.43	17.24	34.7	PASS
				RB3#2	21.44	17.12	34.7	PASS
				RB3#3	21.4	17.23	34.7	PASS
				RB6#0	20.46	16.03	34.7	PASS
			MCH	RB1#0	21.59	17.32	34.7	PASS
				RB1#3	21.59	17.33	34.7	PASS
				RB1#5	21.57	17.29	34.7	PASS
				RB3#0	21.56	17.11	34.7	PASS
				RB3#2	21.53	17.18	34.7	PASS
				RB3#3	21.53	17.13	34.7	PASS
				RB6#0	20.56	16.04	34.7	PASS
			HCH	RB1#0	21.75	17.29	34.7	PASS
				RB1#3	21.79	17.61	34.7	PASS
				RB1#5	21.68	17.22	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
		3		RB3#0	21.59	17.28	34.7	PASS
				RB3#2	21.65	17.26	34.7	PASS
				RB3#3	21.62	17.27	34.7	PASS
				RB6#0	20.54	16.00	34.7	PASS
			LCH	RB1#0	21.53	17.13	34.7	PASS
				RB1#7	21.64	17.44	34.7	PASS
				RB1#14	21.6	17.29	34.7	PASS
				RB8#0	20.56	16.17	34.7	PASS
				RB8#4	20.54	16.20	34.7	PASS
				RB8#7	20.5	15.96	34.7	PASS
				RB15#0	20.46	16.17	34.7	PASS
			MCH	RB1#0	21.56	17.09	34.7	PASS
				RB1#7	21.65	17.40	34.7	PASS
				RB1#14	21.75	17.57	34.7	PASS
				RB8#0	20.6	16.14	34.7	PASS
				RB8#4	20.58	16.19	34.7	PASS
				RB8#7	20.54	16.20	34.7	PASS
				RB15#0	20.58	16.23	34.7	PASS
			HCH	RB1#0	21.81	17.33	34.7	PASS
				RB1#7	21.82	17.49	34.7	PASS
				RB1#14	21.76	17.55	34.7	PASS
				RB8#0	20.7	16.44	34.7	PASS
				RB8#4	20.6	16.35	34.7	PASS
				RB8#7	20.67	16.37	34.7	PASS
				RB15#0	20.57	16.34	34.7	PASS
		5	LCH	RB1#0	21.65	17.43	34.7	PASS
				RB1#13	21.72	17.51	34.7	PASS
				RB1#24	21.68	17.36	34.7	PASS
				RB12#0	20.42	16.17	34.7	PASS
				RB12#6	20.51	16.26	34.7	PASS
				RB12#13	20.52	16.21	34.7	PASS
				RB25#0	20.4	16.09	34.7	PASS
			MCH	RB1#0	21.6	17.08	34.7	PASS
				RB1#13	21.68	17.51	34.7	PASS
				RB1#24	21.77	17.58	34.7	PASS
				RB12#0	20.49	16.20	34.7	PASS
				RB12#6	20.44	16.17	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB12#13	20.5	16.27	34.7	PASS
				RB25#0	20.47	16.13	34.7	PASS
			HCH	RB1#0	21.95	17.76	34.7	PASS
				RB1#13	22.01	17.81	34.7	PASS
				RB1#24	21.92	17.74	34.7	PASS
				RB12#0	20.67	16.24	34.7	PASS
				RB12#6	20.63	16.39	34.7	PASS
				RB12#13	20.56	16.36	34.7	PASS
				RB25#0	20.7	16.47	34.7	PASS
		10	LCH	RB1#0	21.44	17.02	34.7	PASS
				RB1#25	21.81	17.47	34.7	PASS
				RB1#49	21.75	17.23	34.7	PASS
				RB25#0	20.39	16.01	34.7	PASS
				RB25#13	20.41	16.01	34.7	PASS
				RB25#25	20.49	15.97	34.7	PASS
				RB50#0	20.34	15.89	34.7	PASS
			MCH	RB1#0	21.53	17.30	34.7	PASS
				RB1#25	21.76	17.29	34.7	PASS
				RB1#49	21.67	17.49	34.7	PASS
				RB25#0	20.37	15.84	34.7	PASS
				RB25#13	20.47	16.16	34.7	PASS
				RB25#25	20.49	15.94	34.7	PASS
				RB50#0	20.44	16.04	34.7	PASS
			HCH	RB1#0	21.69	17.28	34.7	PASS
				RB1#25	22	17.53	34.7	PASS
				RB1#49	21.88	17.61	34.7	PASS
				RB25#0	20.6	16.12	34.7	PASS
				RB25#13	20.66	16.20	34.7	PASS
				RB25#25	20.63	16.16	34.7	PASS
				RB50#0	20.53	16.29	34.7	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

Note2:

$$\text{SET Span} = 1.5 * \text{OBW}$$

SET RBW = 1% of the OBW, not to exceed 1MHz

$$\text{SET VBW} \geq 3 * \text{RBW}$$

SET Sweep time = auto - couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND12	LTE/TM1	1.4	LCH	RB1#0	4.59	13	PASS
				RB1#3	4.55	13	PASS
				RB1#5	4.62	13	PASS
				RB3#0	5.48	13	PASS
				RB3#2	5.5	13	PASS
				RB3#3	5.61	13	PASS
				RB6#0	5.96	13	PASS
			MCH	RB1#0	4.59	13	PASS
				RB1#3	4.68	13	PASS
				RB1#5	4.66	13	PASS
				RB3#0	5.09	13	PASS
				RB3#2	5.09	13	PASS
				RB3#3	5.13	13	PASS
				RB6#0	5.63	13	PASS
			HCH	RB1#0	4.78	13	PASS
				RB1#3	4.74	13	PASS
				RB1#5	4.72	13	PASS
				RB3#0	5.19	13	PASS
				RB3#2	5.06	13	PASS
				RB3#3	5.1	13	PASS
				RB6#0	5.85	13	PASS
		3	LCH	RB1#0	4.54	13	PASS
				RB1#7	4.64	13	PASS
				RB1#14	4.57	13	PASS
				RB8#0	5.7	13	PASS
				RB8#4	5.79	13	PASS
				RB8#7	5.74	13	PASS
				RB15#0	5.84	13	PASS
			MCH	RB1#0	4.59	13	PASS
				RB1#7	4.68	13	PASS
				RB1#14	4.66	13	PASS
				RB8#0	5.84	13	PASS
				RB8#4	5.77	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.82	13	PASS
				RB15#0	5.79	13	PASS
			HCH	RB1#0	4.7	13	PASS
				RB1#7	4.65	13	PASS
				RB1#14	4.46	13	PASS
				RB8#0	5.66	13	PASS
				RB8#4	5.58	13	PASS
				RB8#7	5.55	13	PASS
				RB15#0	5.83	13	PASS
		5	LCH	RB1#0	4.85	13	PASS
				RB1#13	4.91	13	PASS
				RB1#24	4.78	13	PASS
				RB12#0	5.92	13	PASS
				RB12#6	5.98	13	PASS
				RB12#13	5.91	13	PASS
				RB25#0	6.12	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#13	4.63	13	PASS
				RB1#24	4.65	13	PASS
				RB12#0	5.88	13	PASS
				RB12#6	5.91	13	PASS
				RB12#13	5.99	13	PASS
				RB25#0	6.19	13	PASS
			HCH	RB1#0	5.07	13	PASS
				RB1#13	4.85	13	PASS
				RB1#24	4.62	13	PASS
				RB12#0	5.73	13	PASS
				RB12#6	5.73	13	PASS
				RB12#13	5.61	13	PASS
				RB25#0	5.98	13	PASS
		10	LCH	RB1#0	4.84	13	PASS
				RB1#25	4.48	13	PASS
				RB1#49	4.58	13	PASS
				RB25#0	5.98	13	PASS
				RB25#13	5.87	13	PASS
				RB25#25	5.95	13	PASS
				RB50#0	6.15	13	PASS
			MCH	RB1#0	4.59	13	PASS
				RB1#25	4.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.68	13	PASS
				RB25#0	6	13	PASS
				RB25#13	6.03	13	PASS
				RB25#25	6.13	13	PASS
				RB50#0	6.38	13	PASS
			HCH	RB1#0	4.99	13	PASS
				RB1#25	4.77	13	PASS
				RB1#49	4.55	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	6.13	13	PASS
				RB25#25	5.94	13	PASS
				RB50#0	6.25	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.54	13	PASS
				RB1#3	5.61	13	PASS
				RB1#5	5.58	13	PASS
				RB3#0	6.08	13	PASS
				RB3#2	6.14	13	PASS
				RB3#3	6.12	13	PASS
				RB6#0	6.62	13	PASS
			MCH	RB1#0	5.7	13	PASS
				RB1#3	5.87	13	PASS
				RB1#5	5.75	13	PASS
				RB3#0	6.25	13	PASS
				RB3#2	6.48	13	PASS
				RB3#3	6.38	13	PASS
				RB6#0	6.68	13	PASS
			HCH	RB1#0	5.31	13	PASS
				RB1#3	5.32	13	PASS
				RB1#5	5.23	13	PASS
				RB3#0	6.03	13	PASS
				RB3#2	6.09	13	PASS
				RB3#3	6.02	13	PASS
				RB6#0	6.66	13	PASS
		3	LCH	RB1#0	5.88	13	PASS
				RB1#7	5.97	13	PASS
				RB1#14	6	13	PASS
				RB8#0	6.59	13	PASS
				RB8#4	6.69	13	PASS
				RB8#7	6.69	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB15#0	6.92	13	PASS
			MCH	RB1#0	5.82	13	PASS
				RB1#7	5.83	13	PASS
				RB1#14	5.87	13	PASS
				RB8#0	6.63	13	PASS
				RB8#4	6.67	13	PASS
				RB8#7	6.58	13	PASS
				RB15#0	6.78	13	PASS
			HCH	RB1#0	5.38	13	PASS
				RB1#7	5.21	13	PASS
				RB1#14	5.2	13	PASS
				RB8#0	6.67	13	PASS
				RB8#4	6.54	13	PASS
				RB8#7	6.57	13	PASS
				RB15#0	6.72	13	PASS
		5	LCH	RB1#0	5.83	13	PASS
				RB1#13	5.88	13	PASS
				RB1#24	5.76	13	PASS
				RB12#0	6.92	13	PASS
				RB12#6	6.88	13	PASS
				RB12#13	6.8	13	PASS
				RB25#0	7.12	13	PASS
			MCH	RB1#0	5.48	13	PASS
				RB1#13	5.55	13	PASS
				RB1#24	5.53	13	PASS
				RB12#0	6.7	13	PASS
				RB12#6	6.54	13	PASS
				RB12#13	6.73	13	PASS
				RB25#0	7.31	13	PASS
			HCH	RB1#0	5.62	13	PASS
				RB1#13	5.37	13	PASS
				RB1#24	5.24	13	PASS
				RB12#0	6.99	13	PASS
				RB12#6	6.79	13	PASS
				RB12#13	6.69	13	PASS
				RB25#0	6.91	13	PASS
		10	LCH	RB1#0	5.77	13	PASS
				RB1#25	5.53	13	PASS
				RB1#49	5.75	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	7.24	13	PASS
				RB25#13	7.03	13	PASS
				RB25#25	7.09	13	PASS
				RB50#0	7.03	13	PASS
			MCH	RB1#0	5.6	13	PASS
				RB1#25	5.57	13	PASS
				RB1#49	5.71	13	PASS
				RB25#0	7.05	13	PASS
				RB25#13	7.01	13	PASS
				RB25#25	7.08	13	PASS
				RB50#0	6.88	13	PASS
			HCH	RB1#0	5.16	13	PASS
				RB1#25	5.23	13	PASS
				RB1#49	5.22	13	PASS
				RB25#0	7.27	13	PASS
				RB25#13	7.2	13	PASS
				RB25#25	7.18	13	PASS
				RB50#0	7.05	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

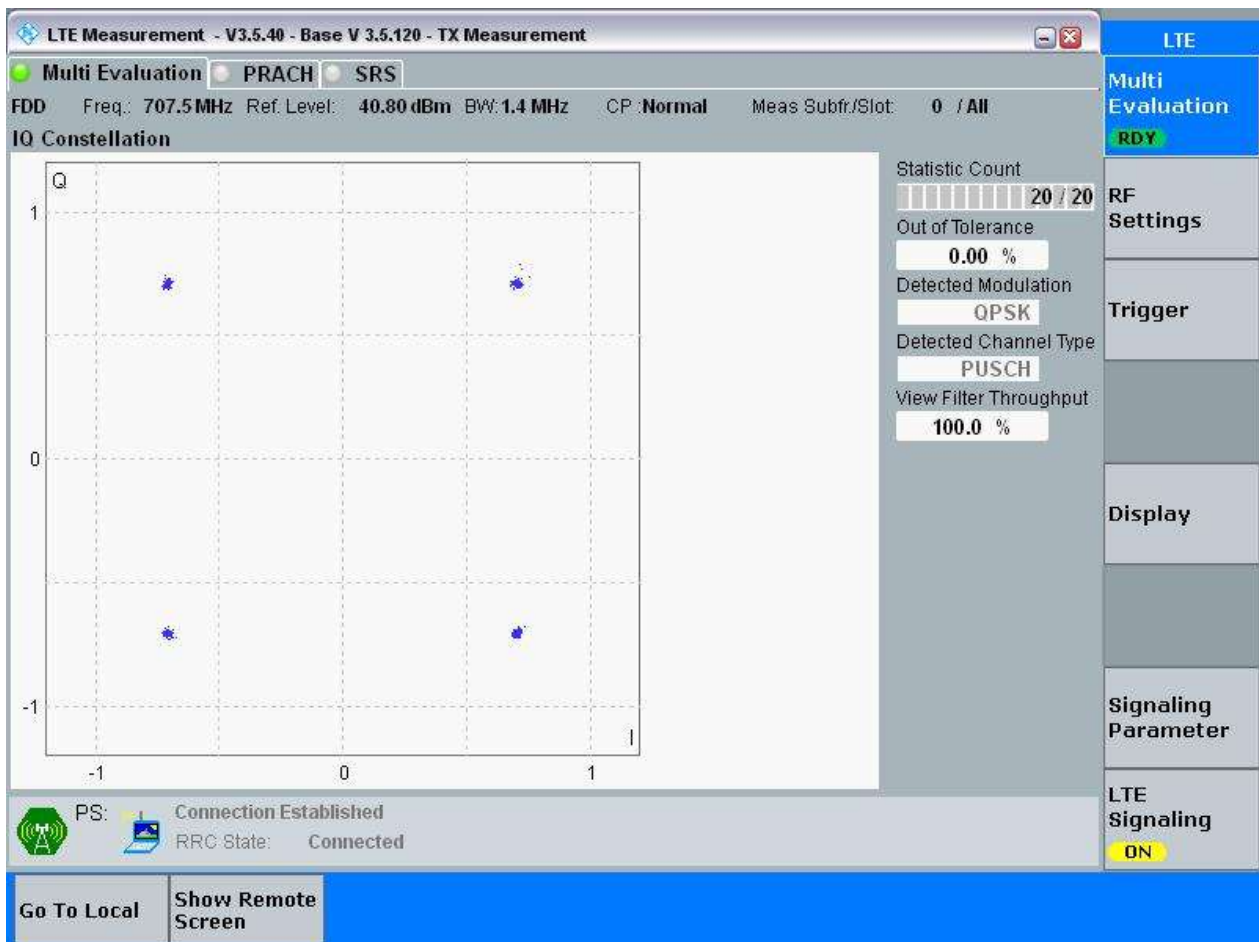
3.1.1 Test Band = BAND12

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

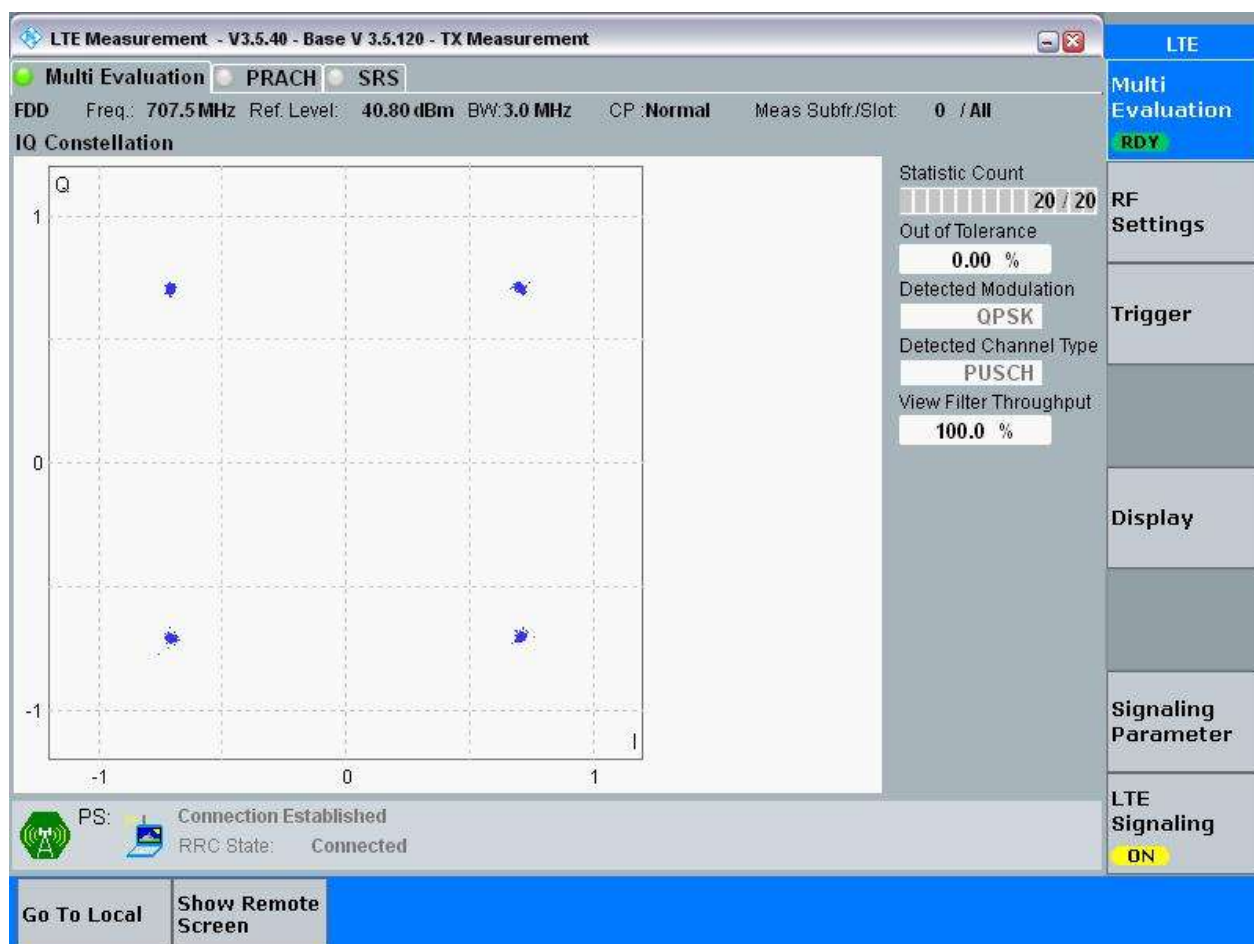
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

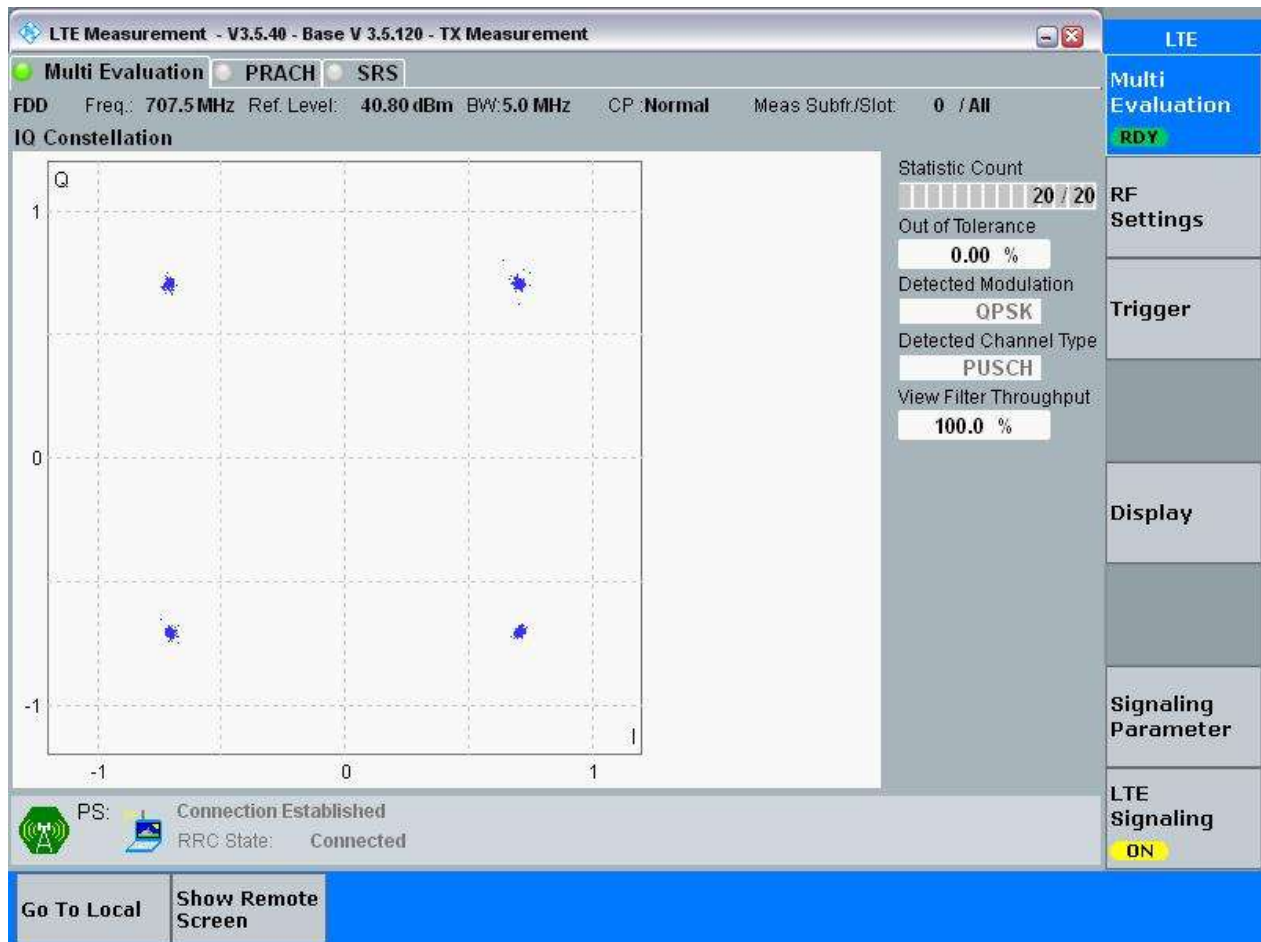
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

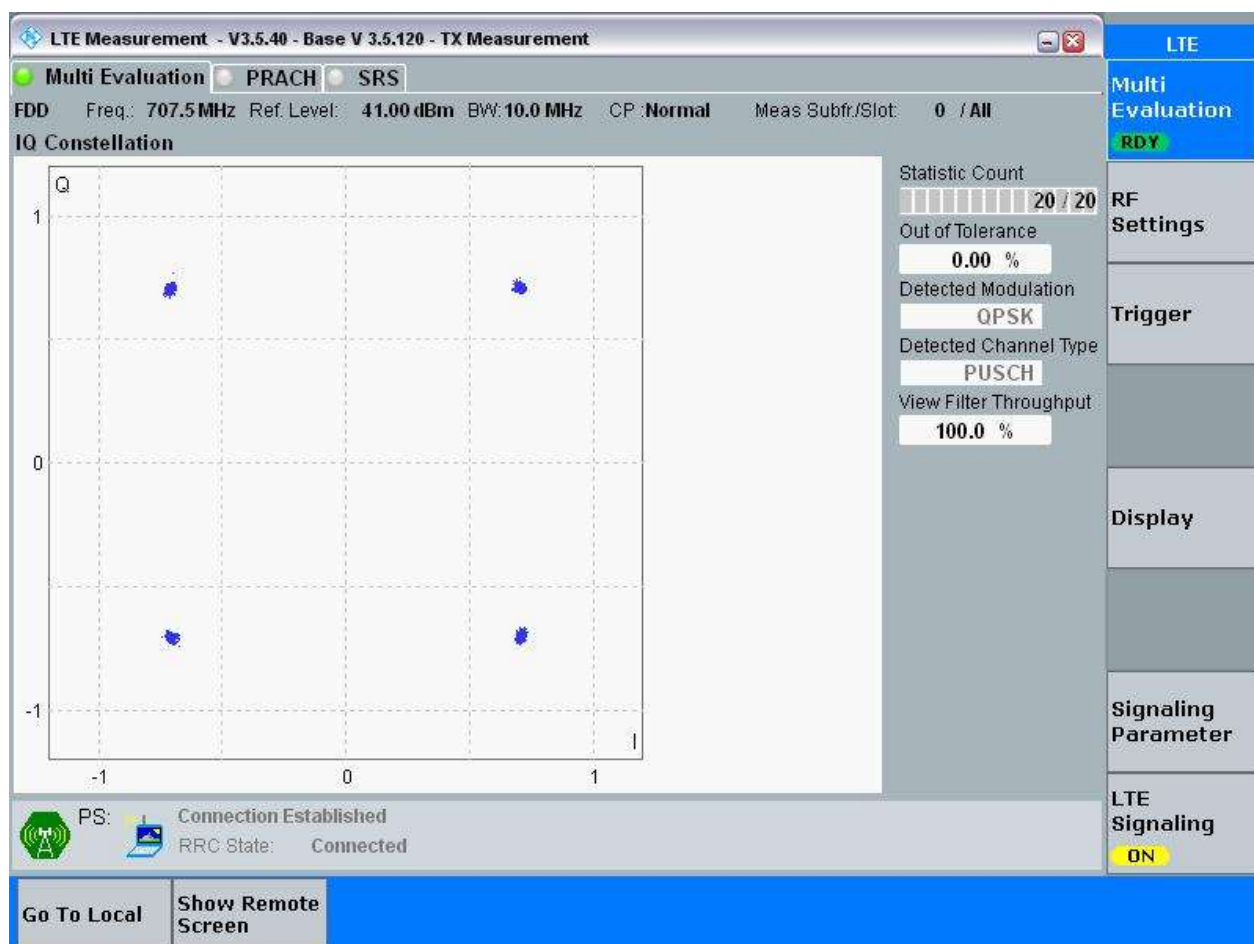
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0

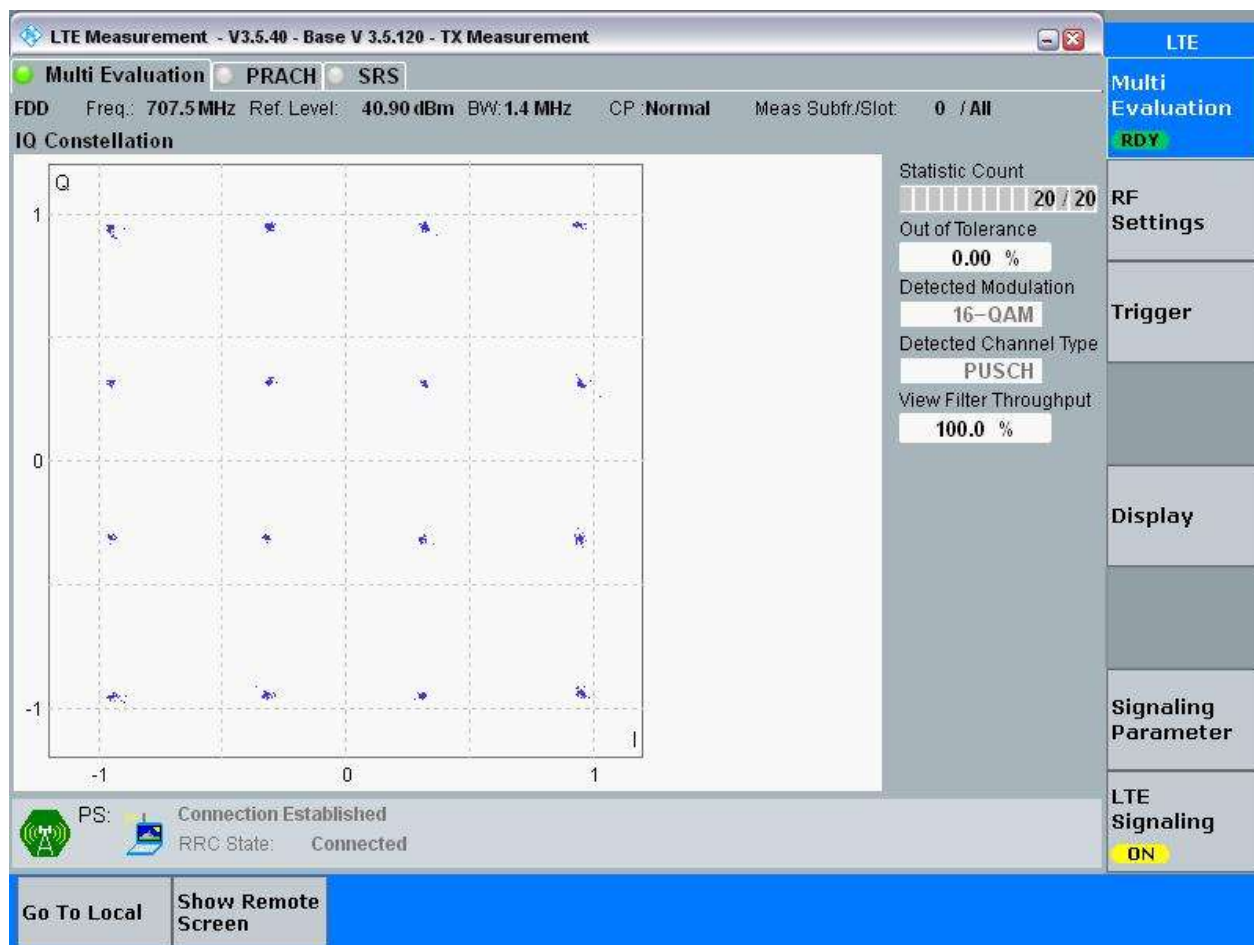


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

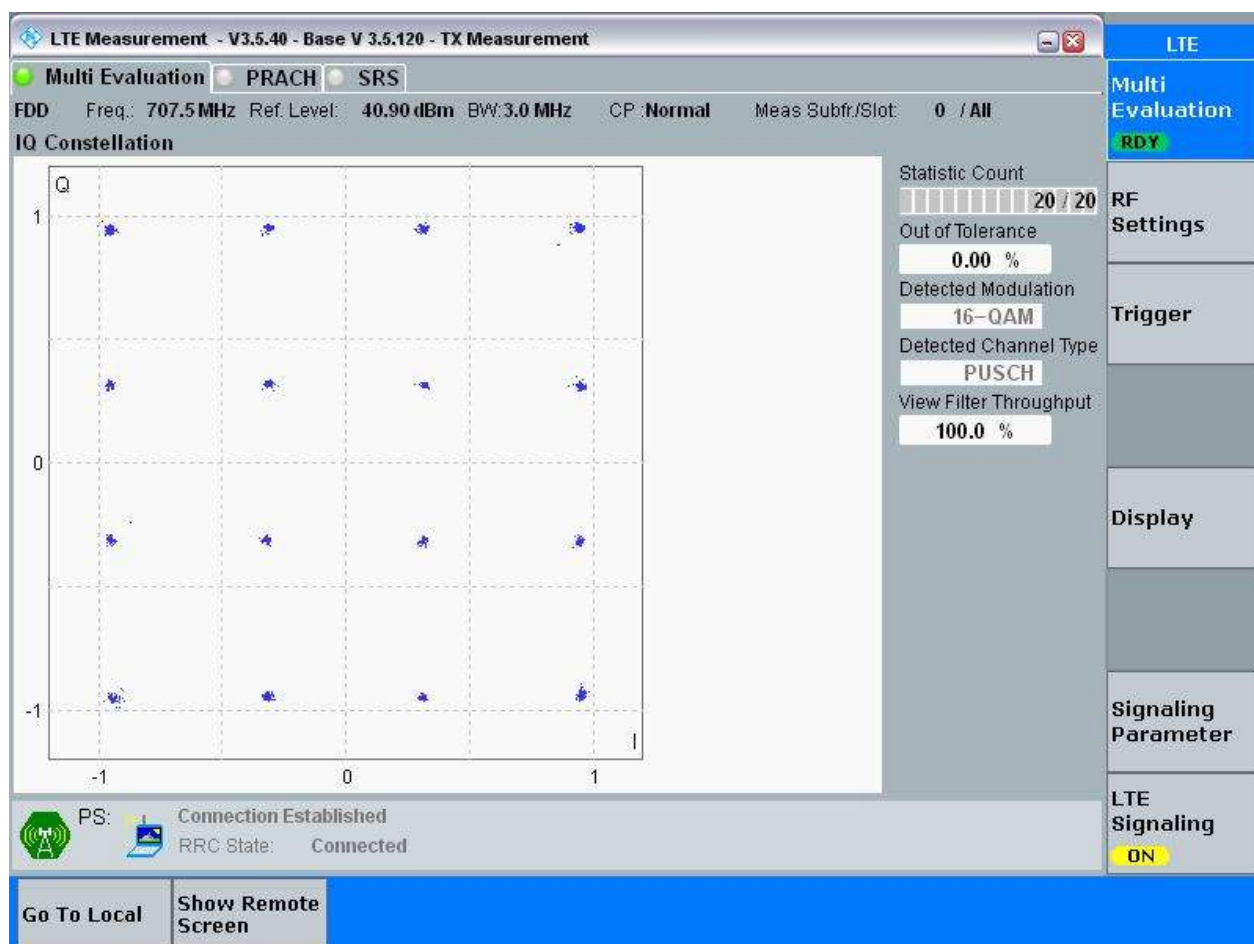
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

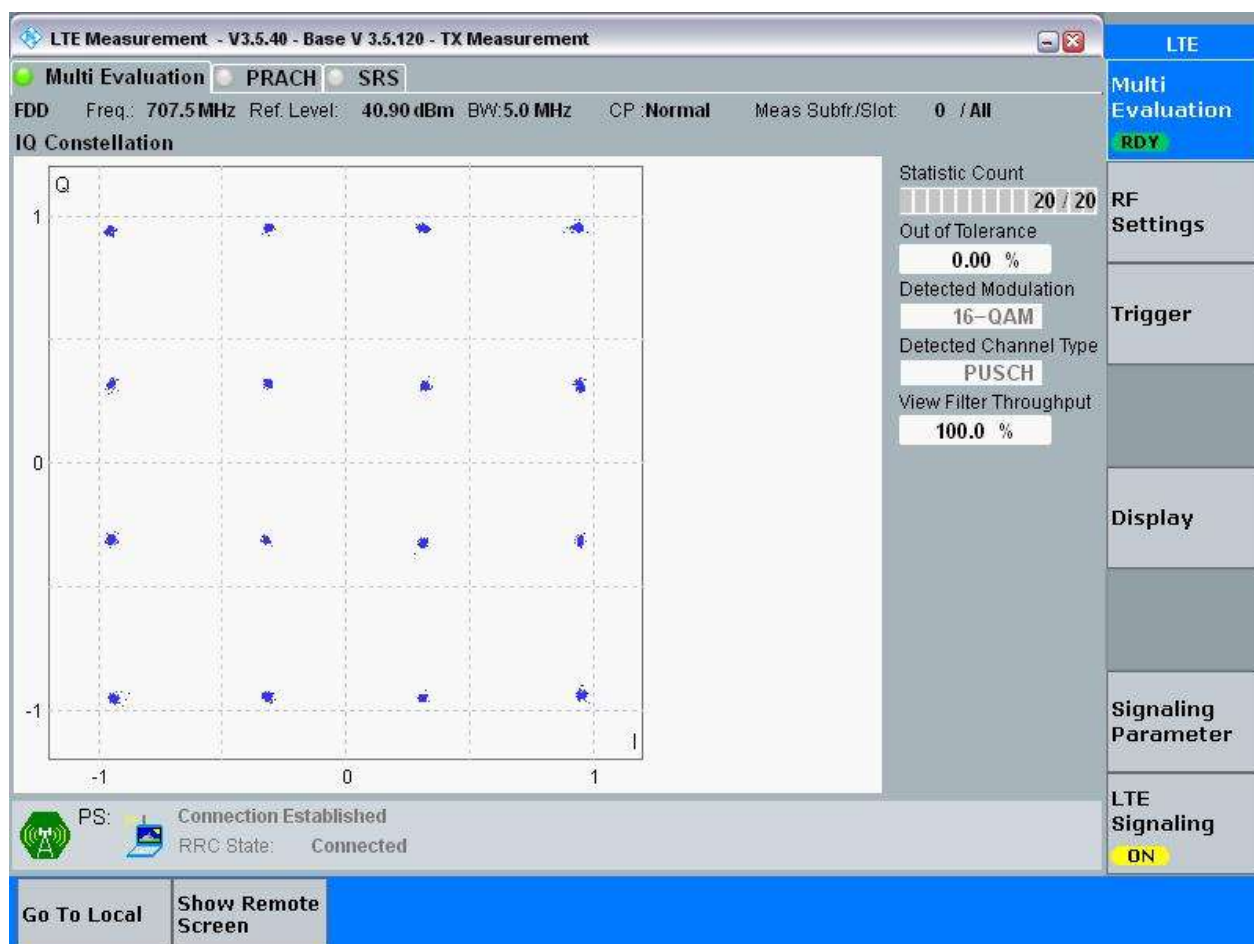
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

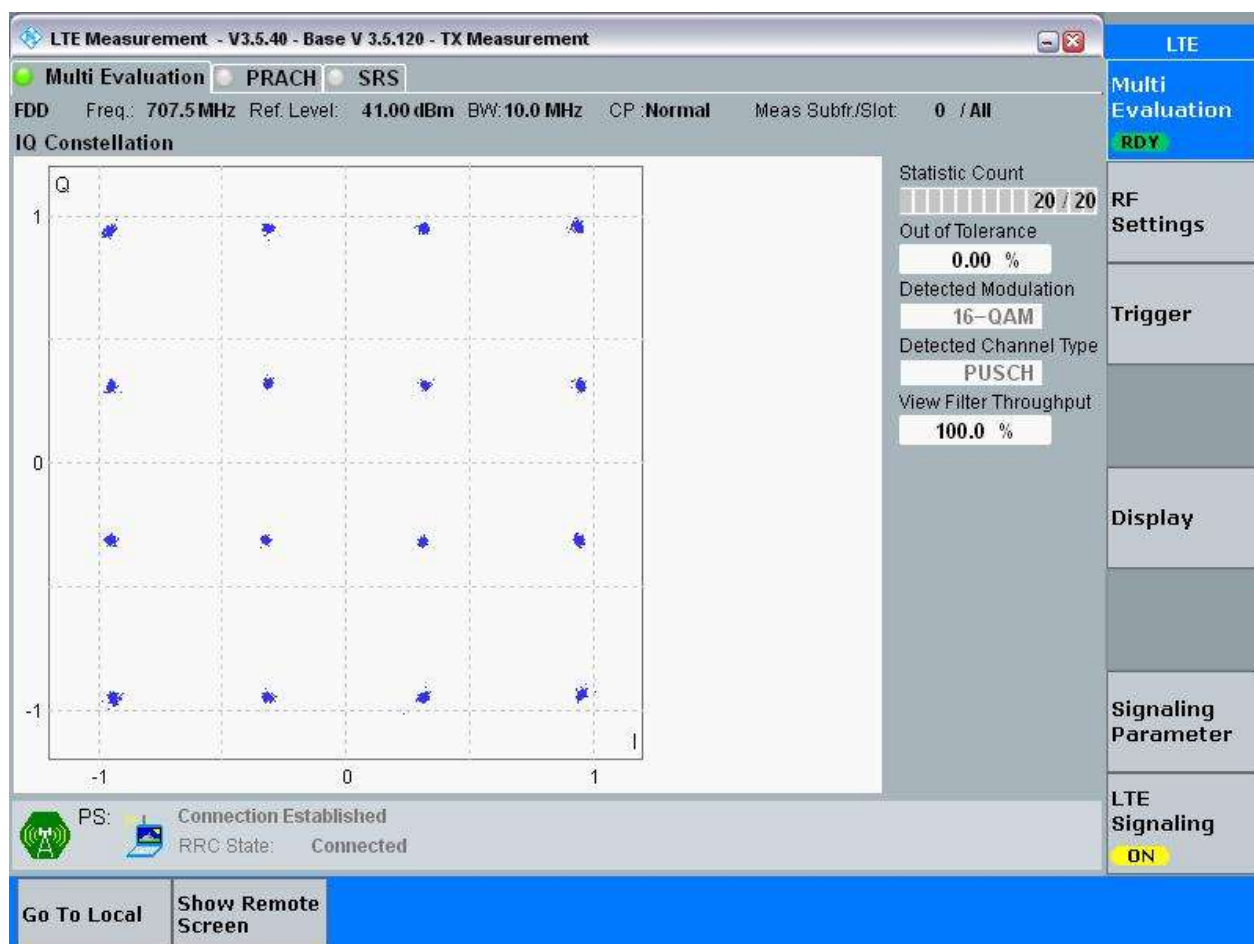
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND12	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.52	4.98	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	8.98	9.92	Pass
			MCH	RB50#0	8.99	9.92	Pass
			HCH	RB50#0	8.98	9.90	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.97	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	8.98	9.90	Pass
			MCH	RB50#0	9.00	9.89	Pass
			HCH	RB50#0	9.00	9.87	Pass



Part II - Test Plots

4.1 For LTE

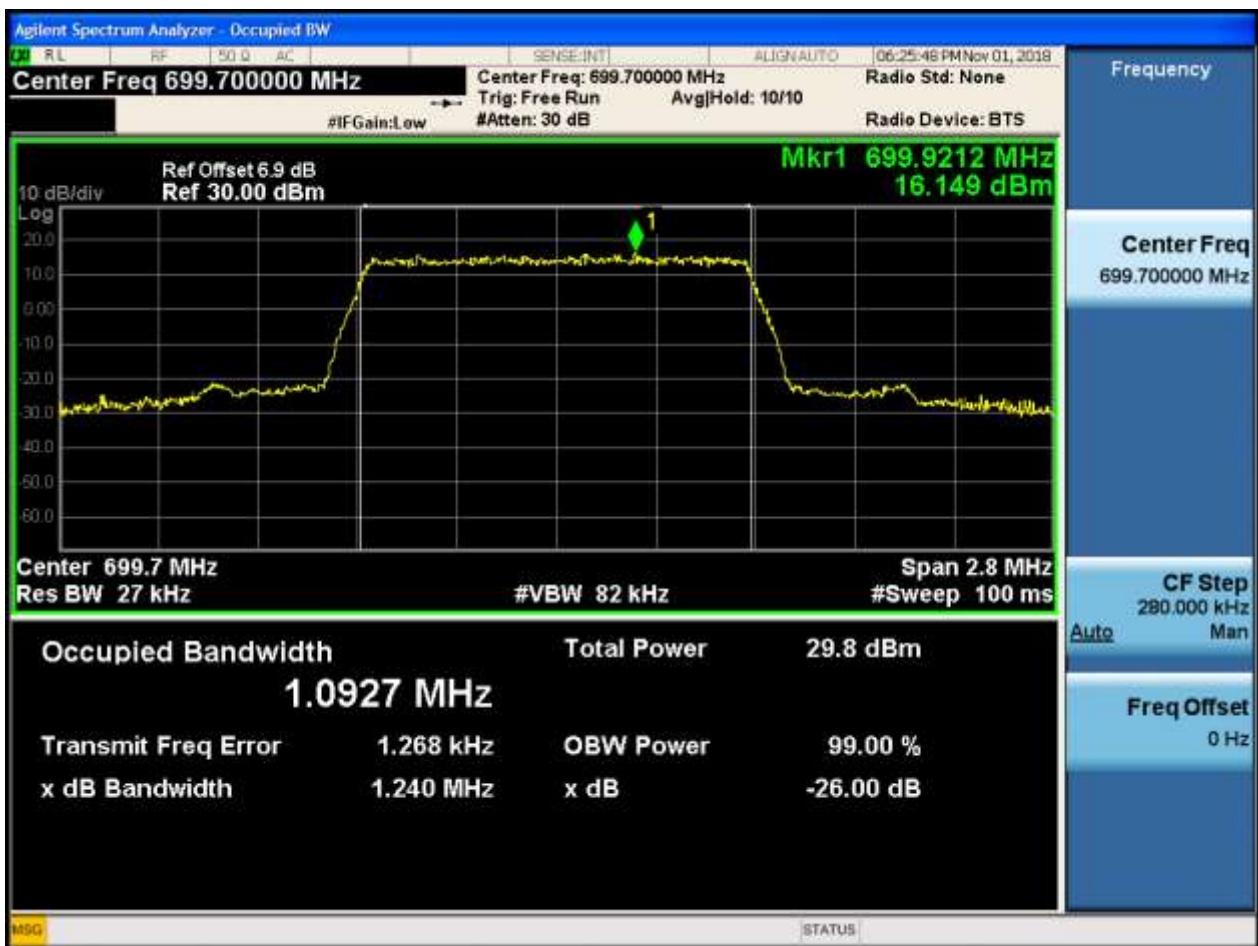
4.1.1 Test Band = BAND12

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0





4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0





4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

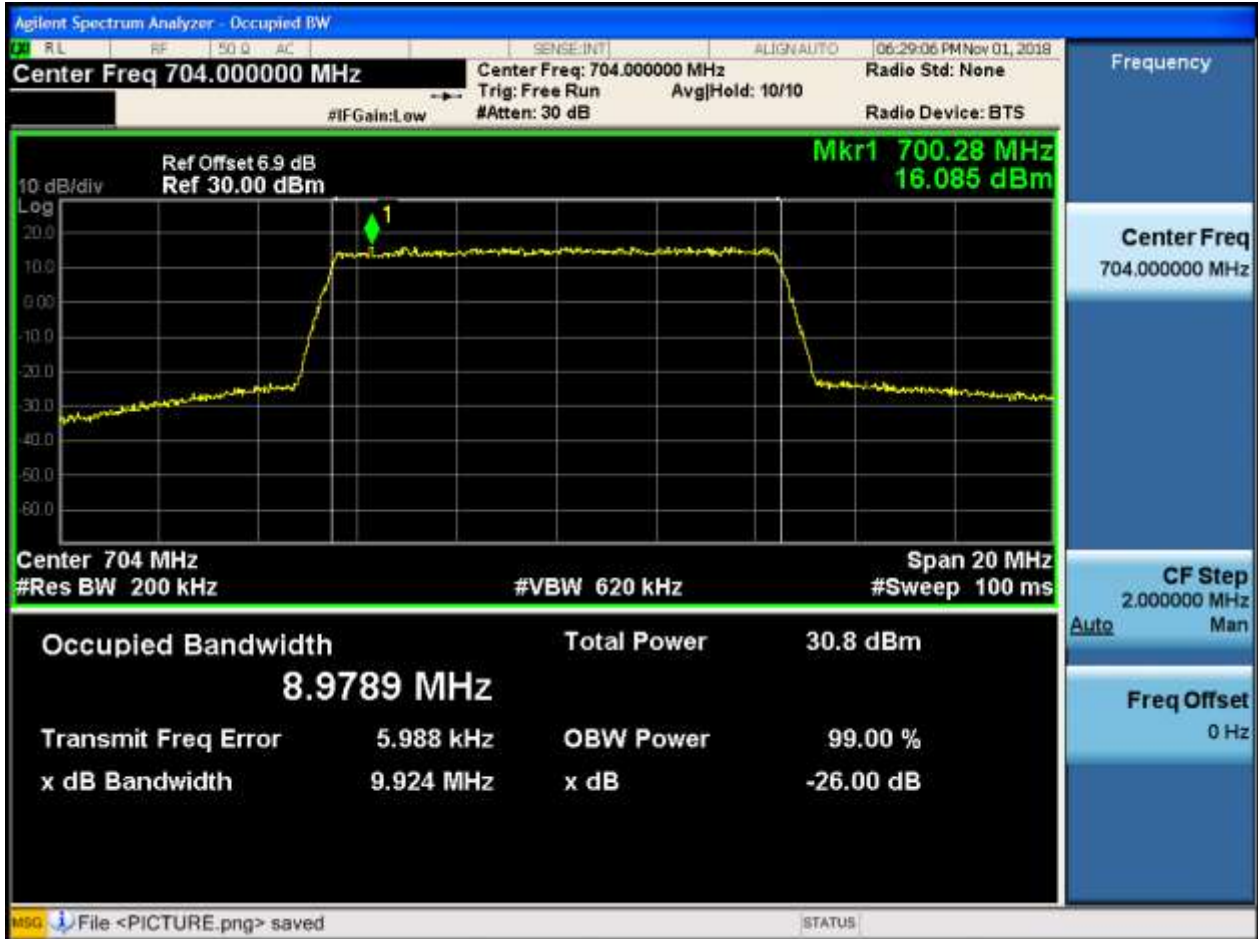




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

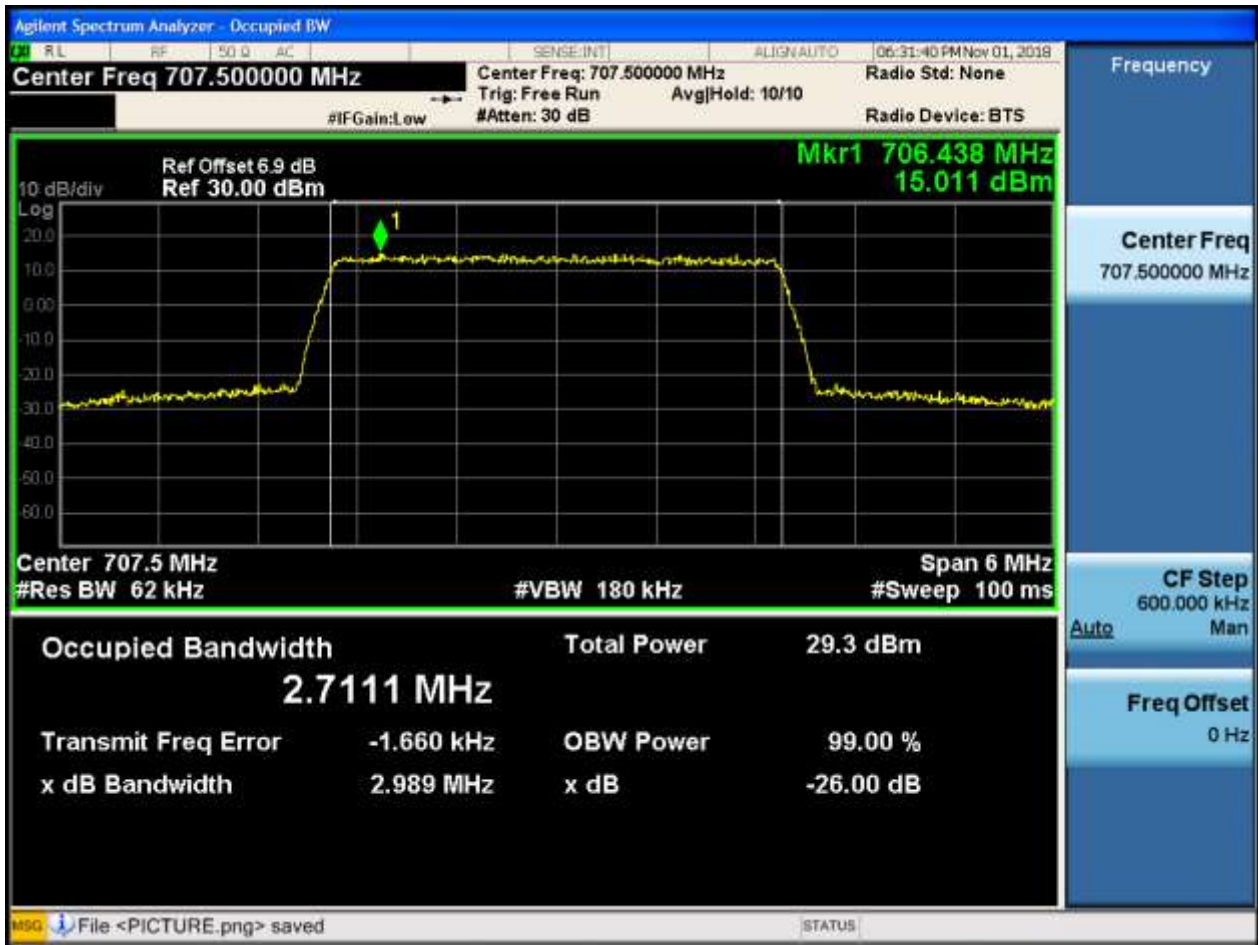
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0





4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

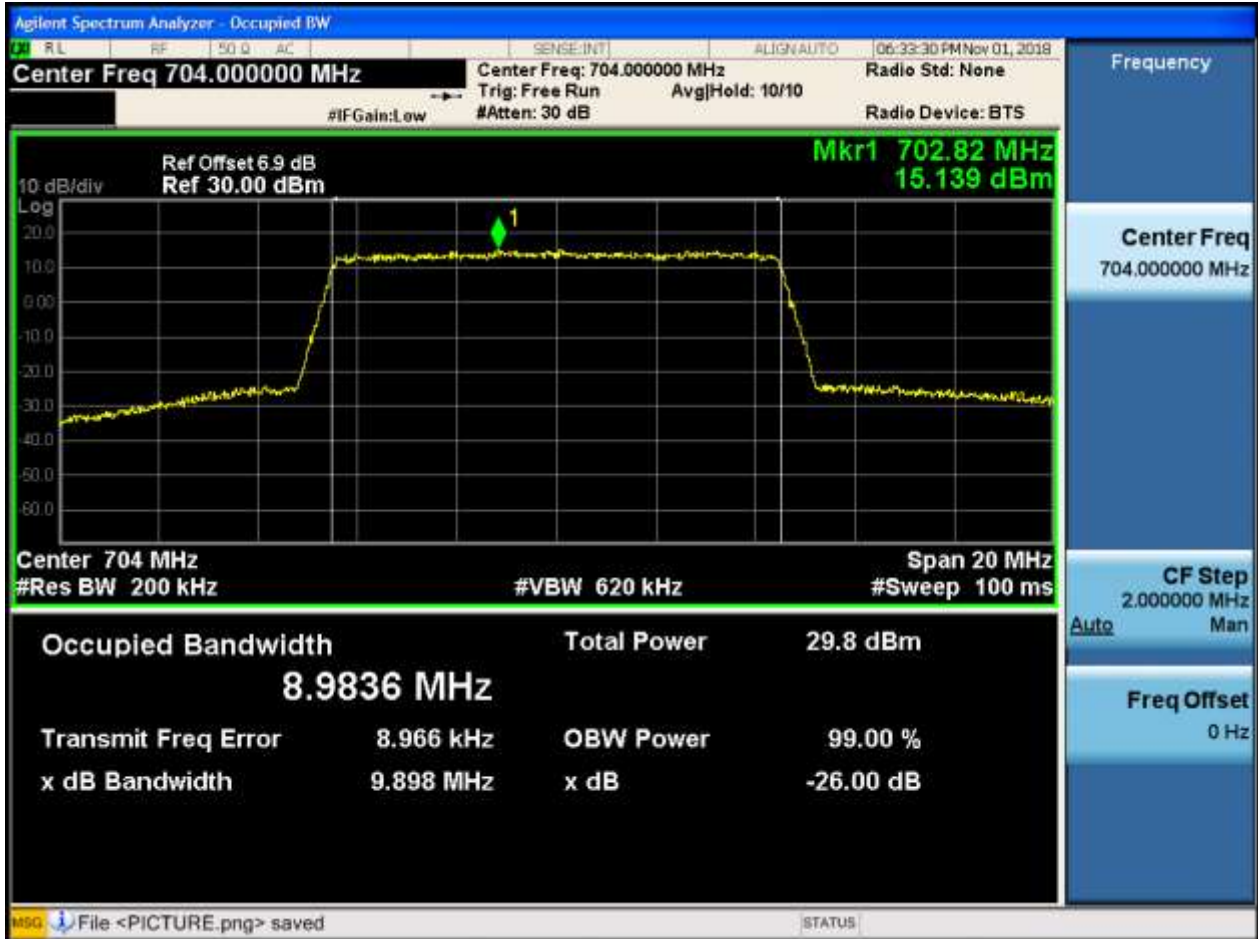




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

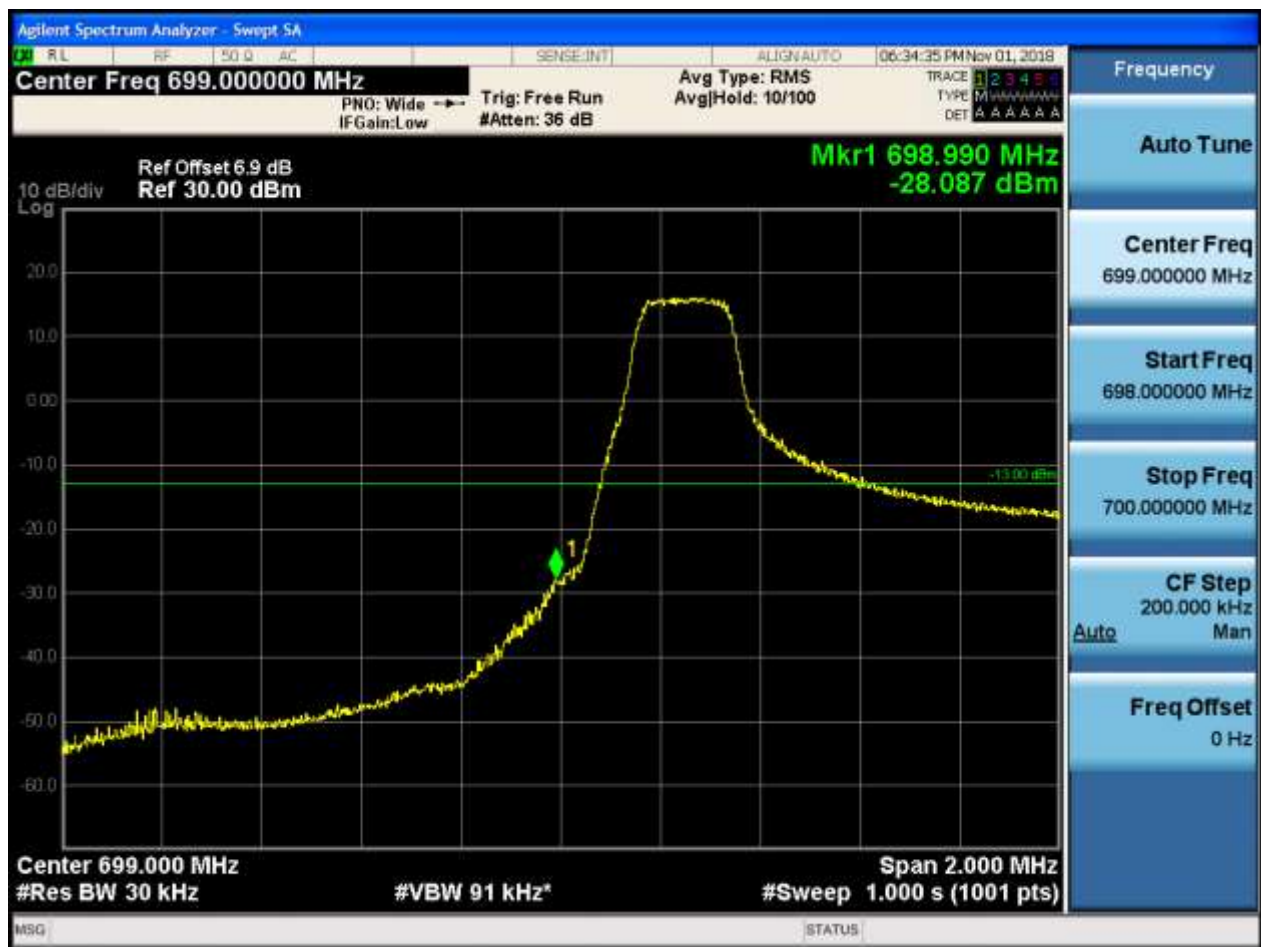
5.1.1 Test Band = BAND12

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





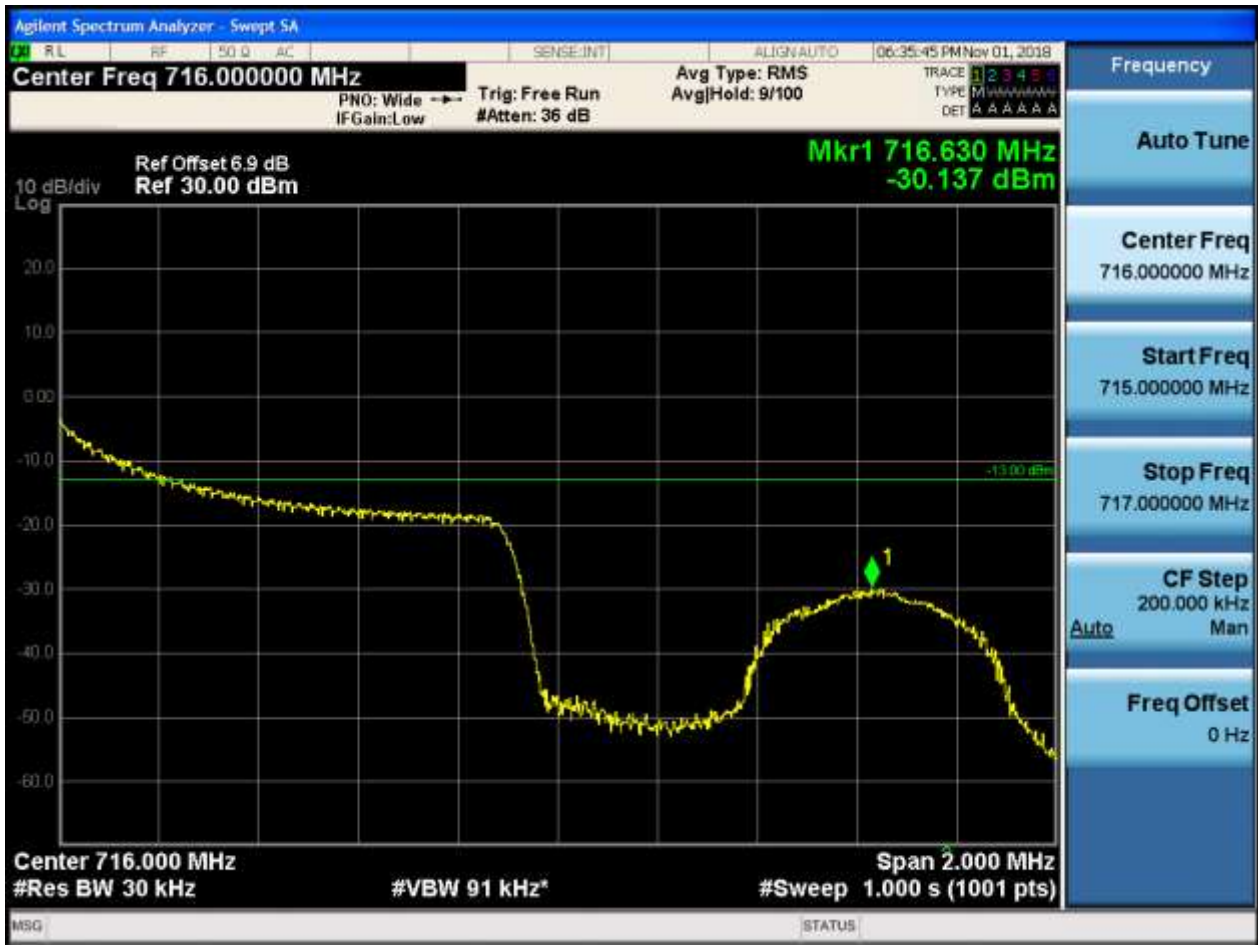
5.1.1.1.1.4 Test RB = RB6#0





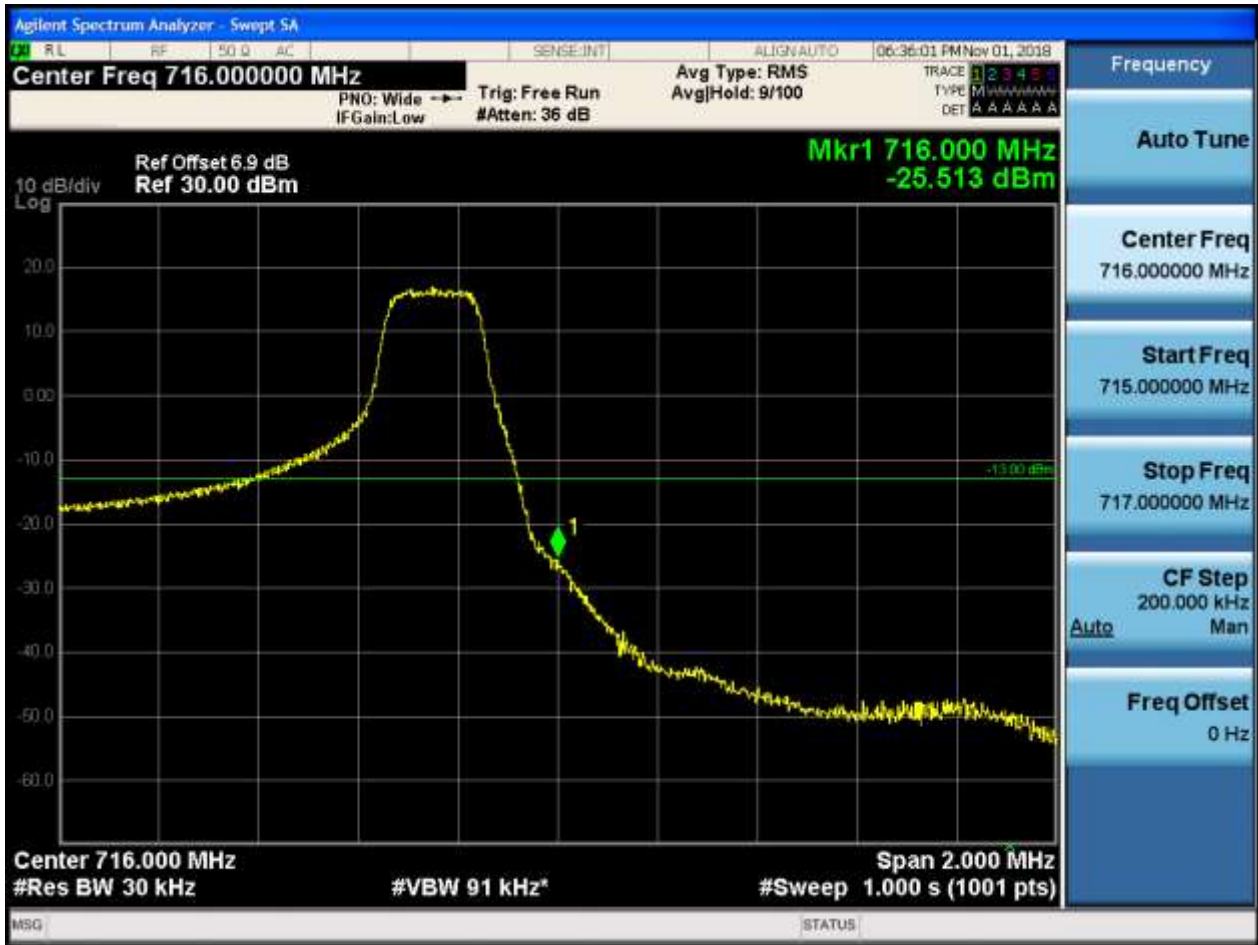
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2



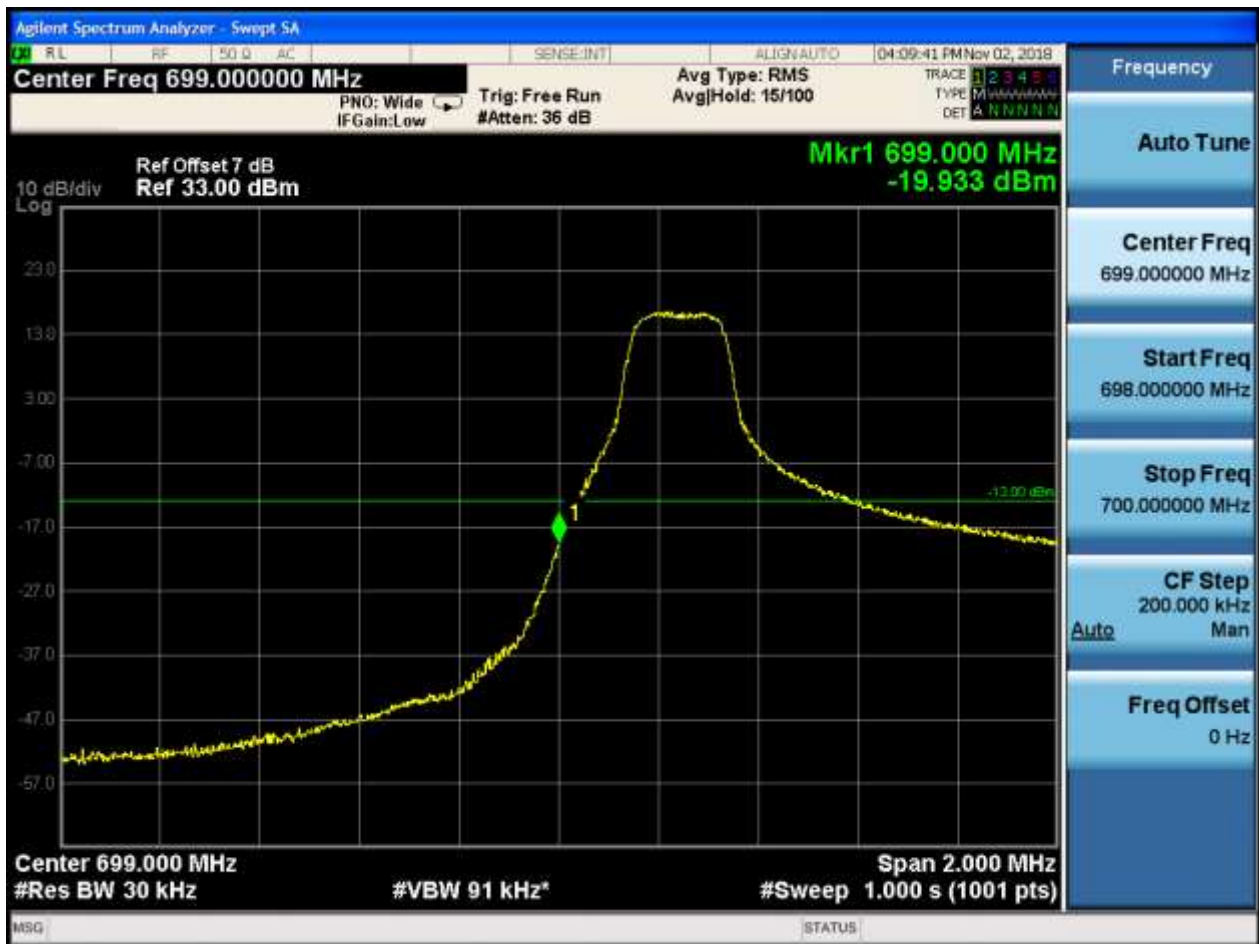


5.1.1.1.1.2.4 Test RB = RB6#0



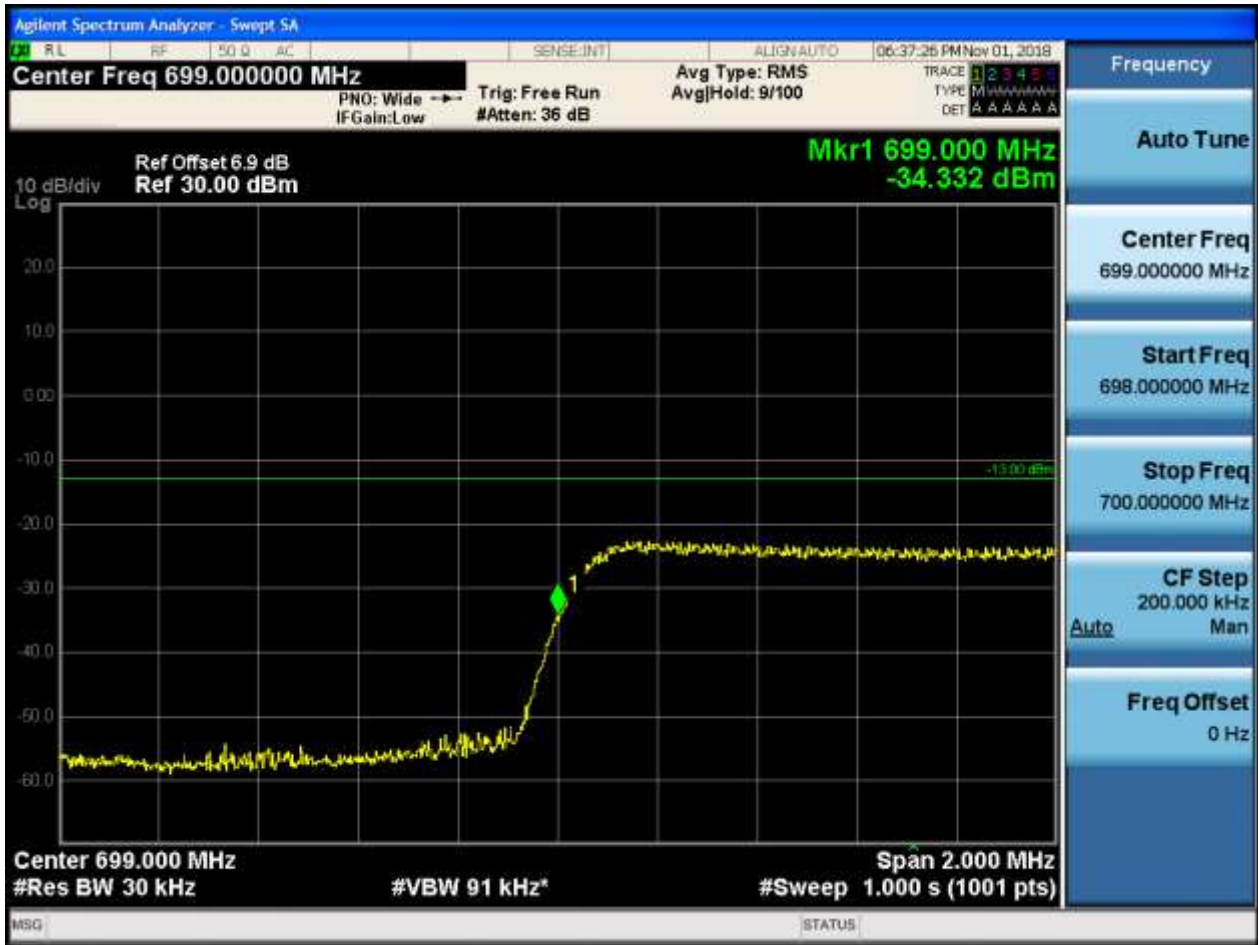


5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





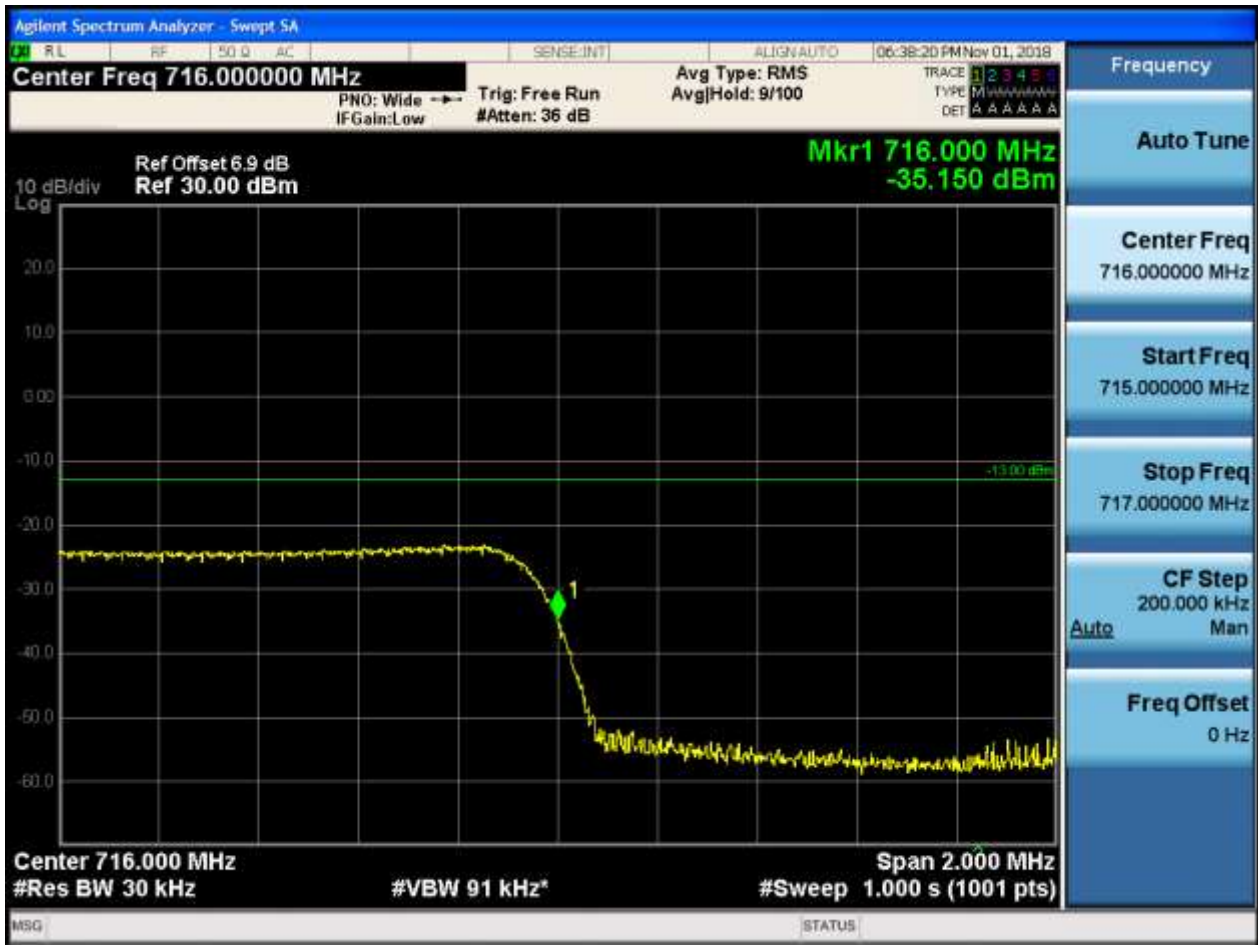
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 716.000000 MHz

Avg Type: RMS
Avg/Hold: 10/100

Ref Offset 6.9 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 716.000 MHz
-19.721 dBm

Center Freq 716.000000 MHz

Start Freq 715.000000 MHz

Stop Freq 717.000000 MHz

CF Step 200.000 kHz
Auto

Freq Offset 0 Hz

Center 716.000 MHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)



5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0





5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0





5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



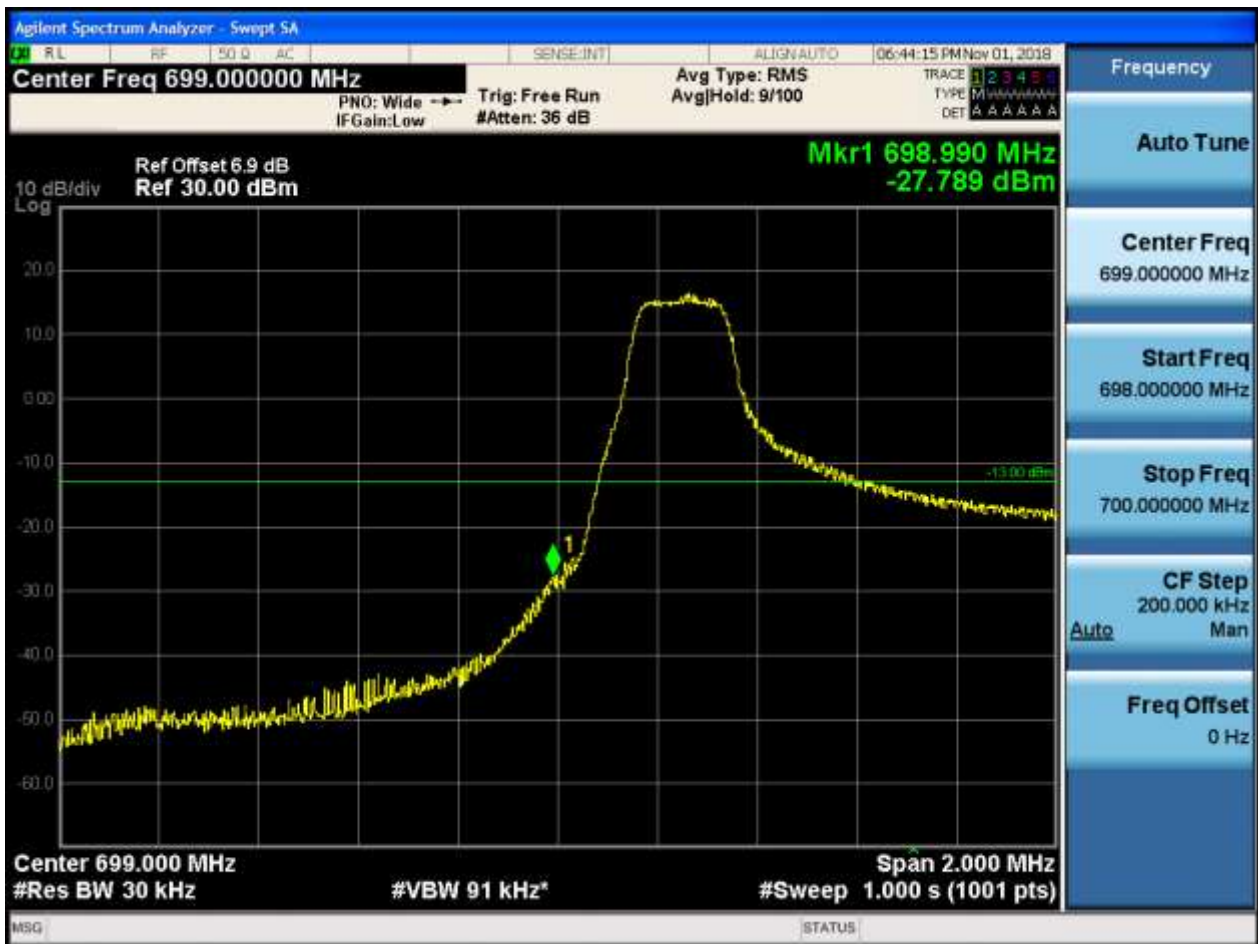


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#5





5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





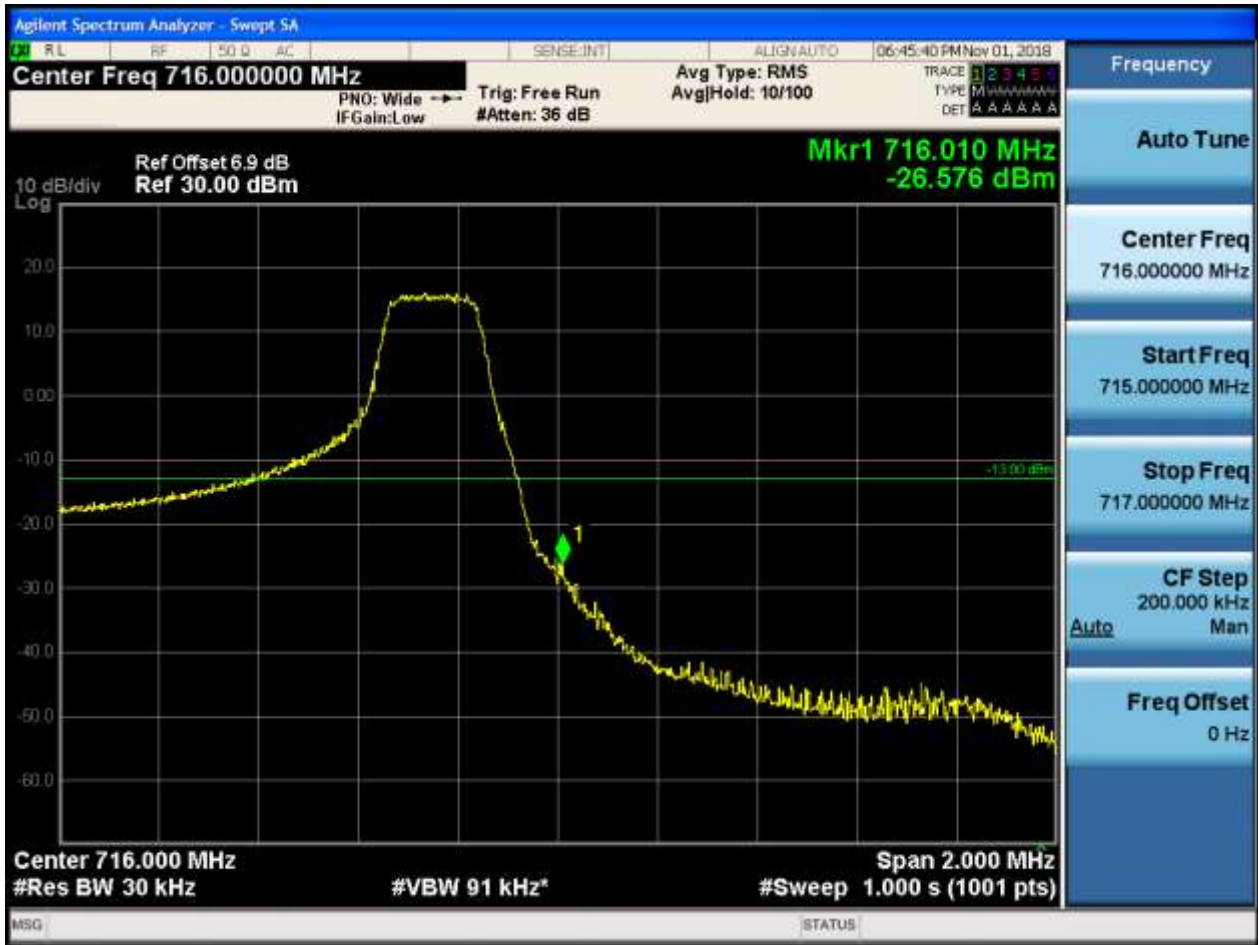
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5





5.1.1.2.1.2.3 Test RB = RB3#2



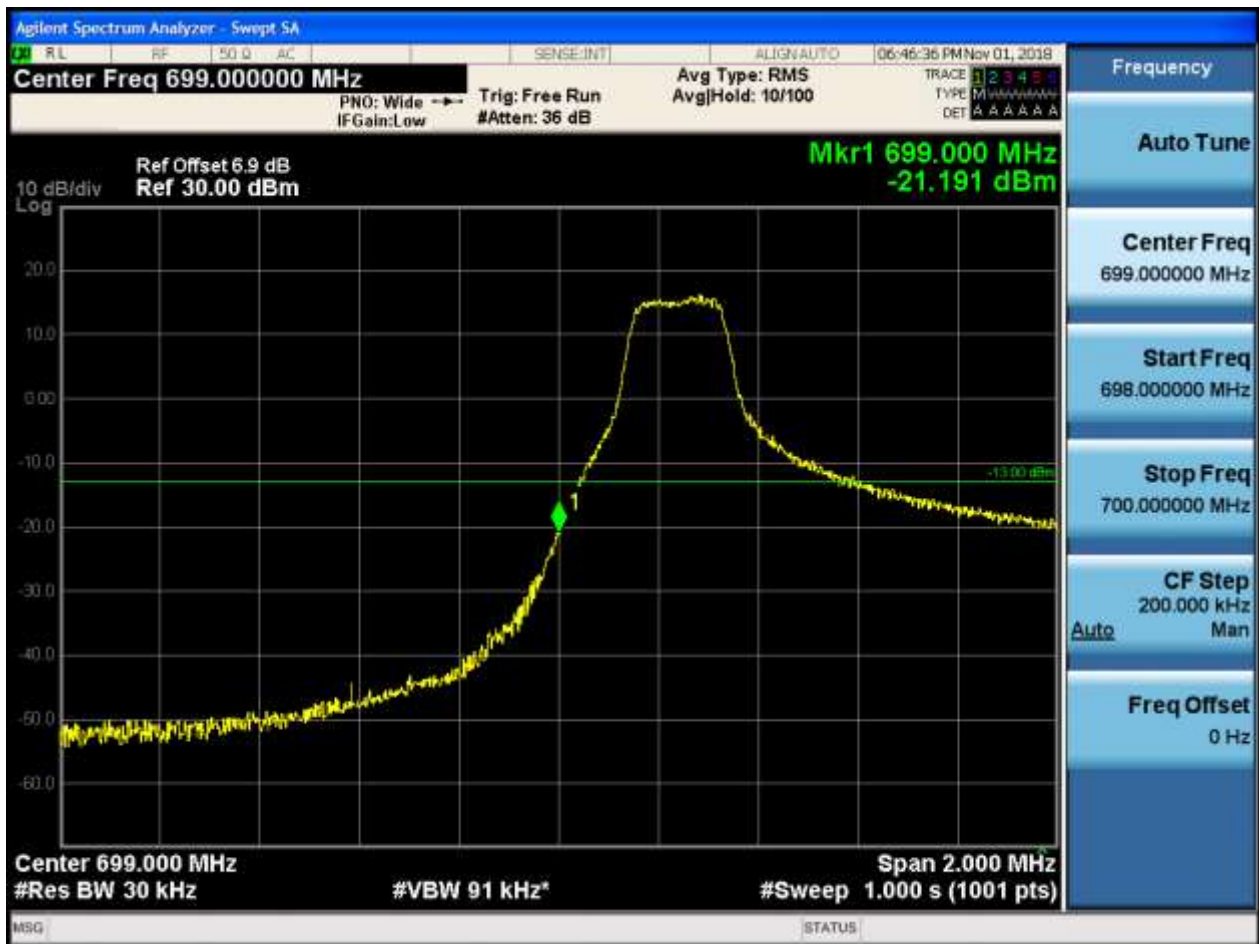


5.1.1.2.1.2.4 Test RB = RB6#0





5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4





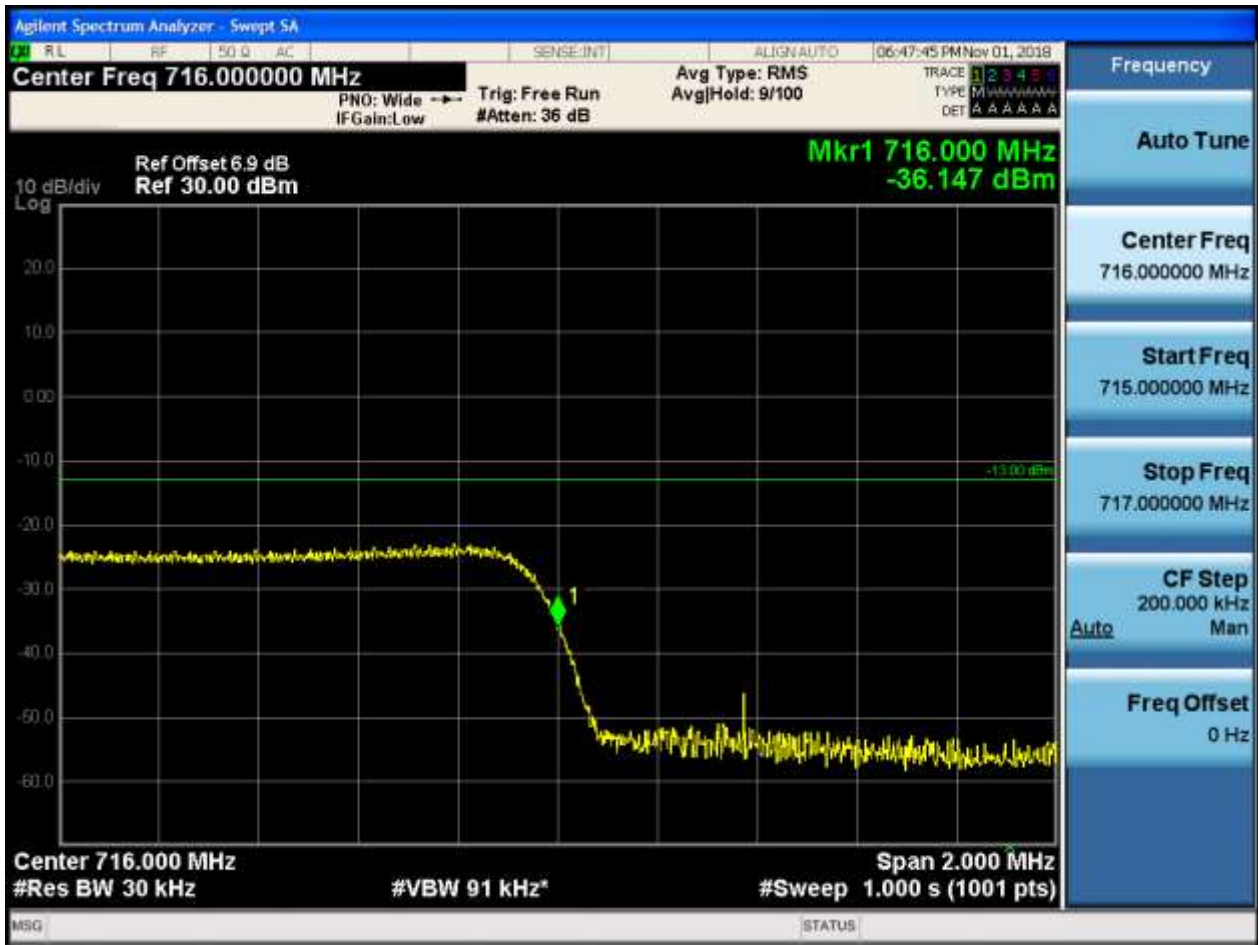
5.1.1.2.2.1.4 Test RB = RB15#0



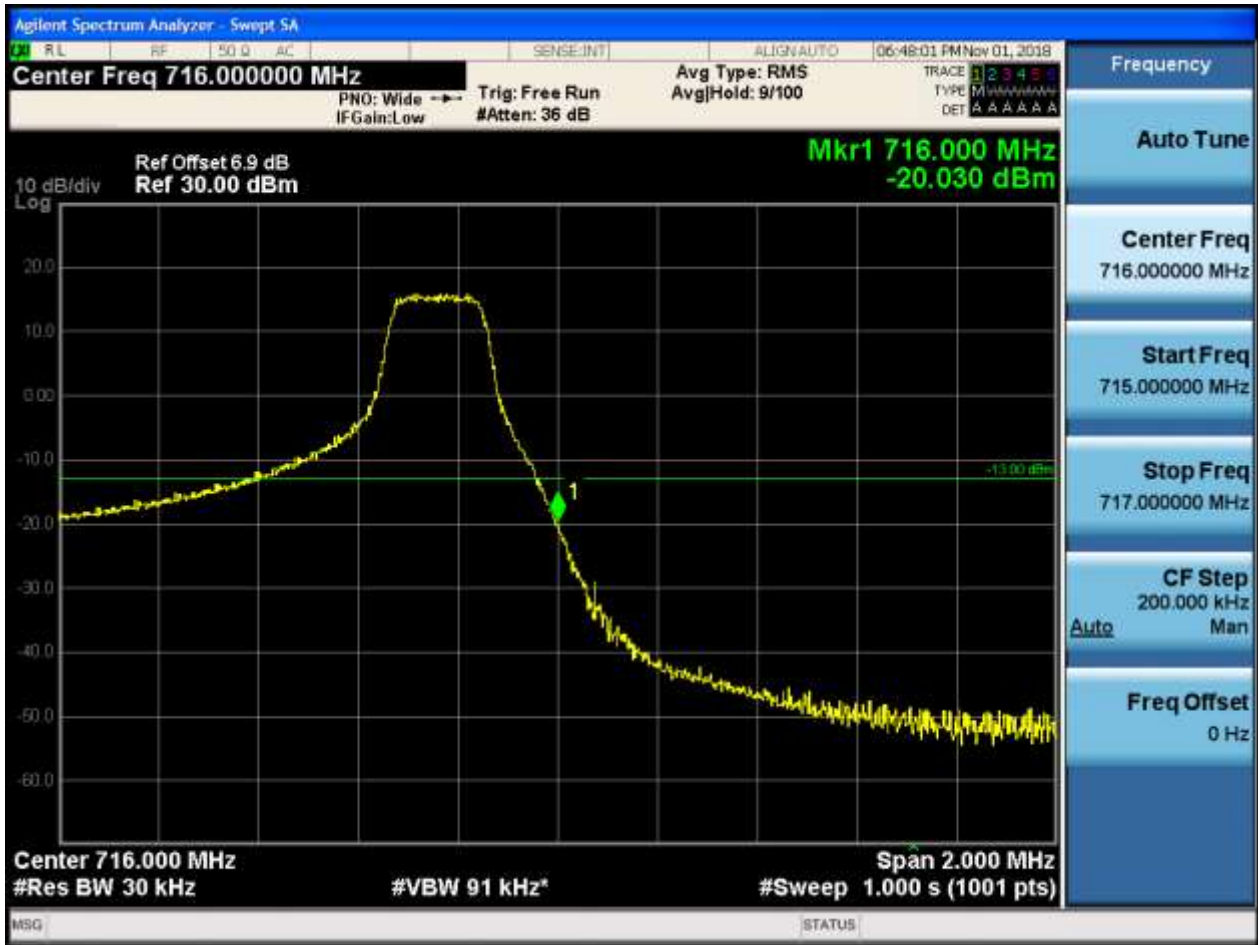


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

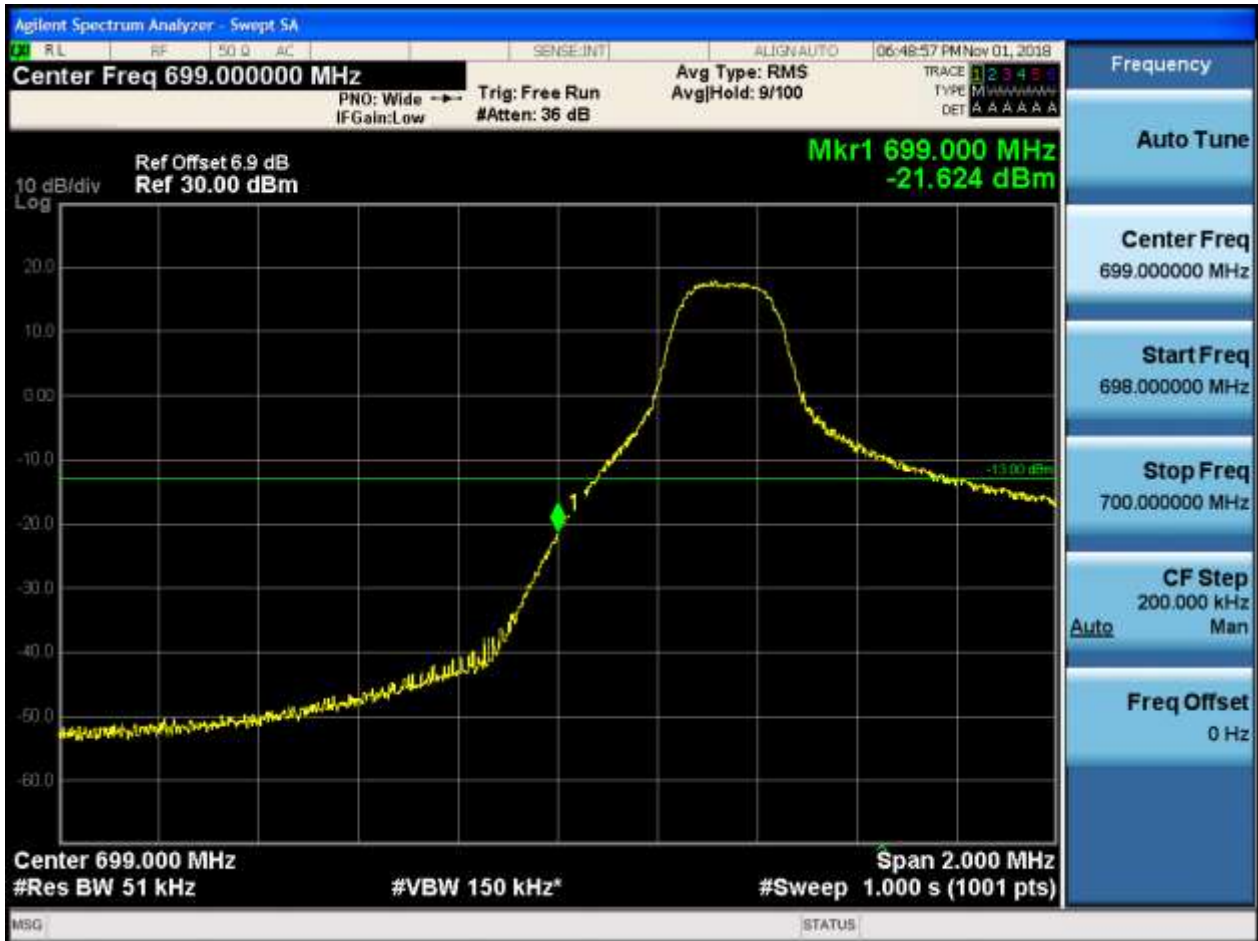




5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





5.1.1.2.3.1.3 Test RB = RB12#6





5.1.1.2.3.1.4 Test RB = RB25#0





5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 716.000000 MHz

Ref Offset 6.9 dB
Ref 32.90 dBm

10 dB/div
Log

Mkr1 716.000 MHz
-20.946 dBm

Center 716.000 MHz
#Res BW 51 kHz
#VBW 150 kHz*
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
716.000000 MHz

Start Freq
715.000000 MHz

Stop Freq
717.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0





5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





5.1.1.2.4.1.4 Test RB = RB50#0



5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#49





5.1.1.2.4.2.3 Test RB = RB25#13





5.1.1.2.4.2.4 Test RB = RB50#0





6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

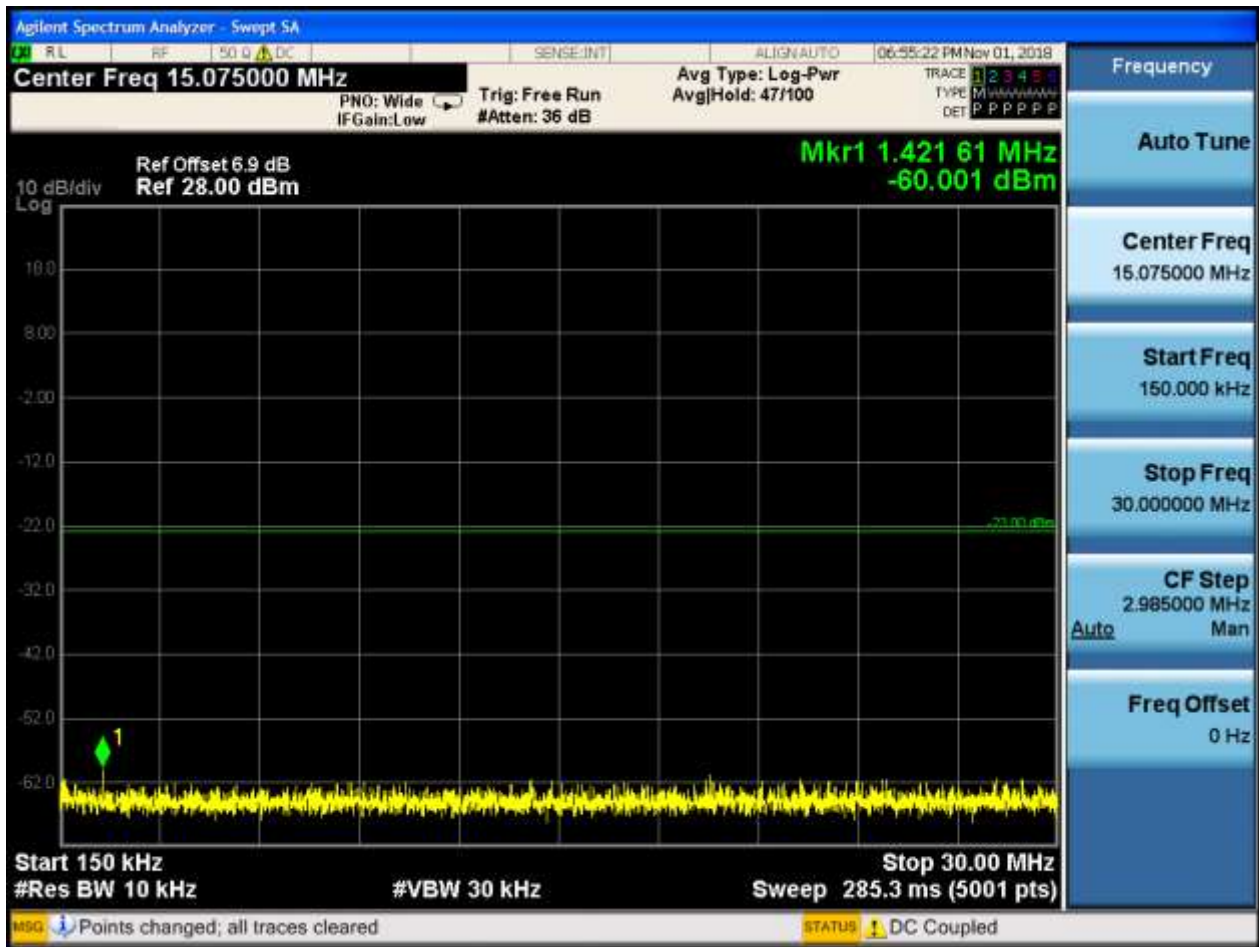
6.1.1 Test Band = BAND12

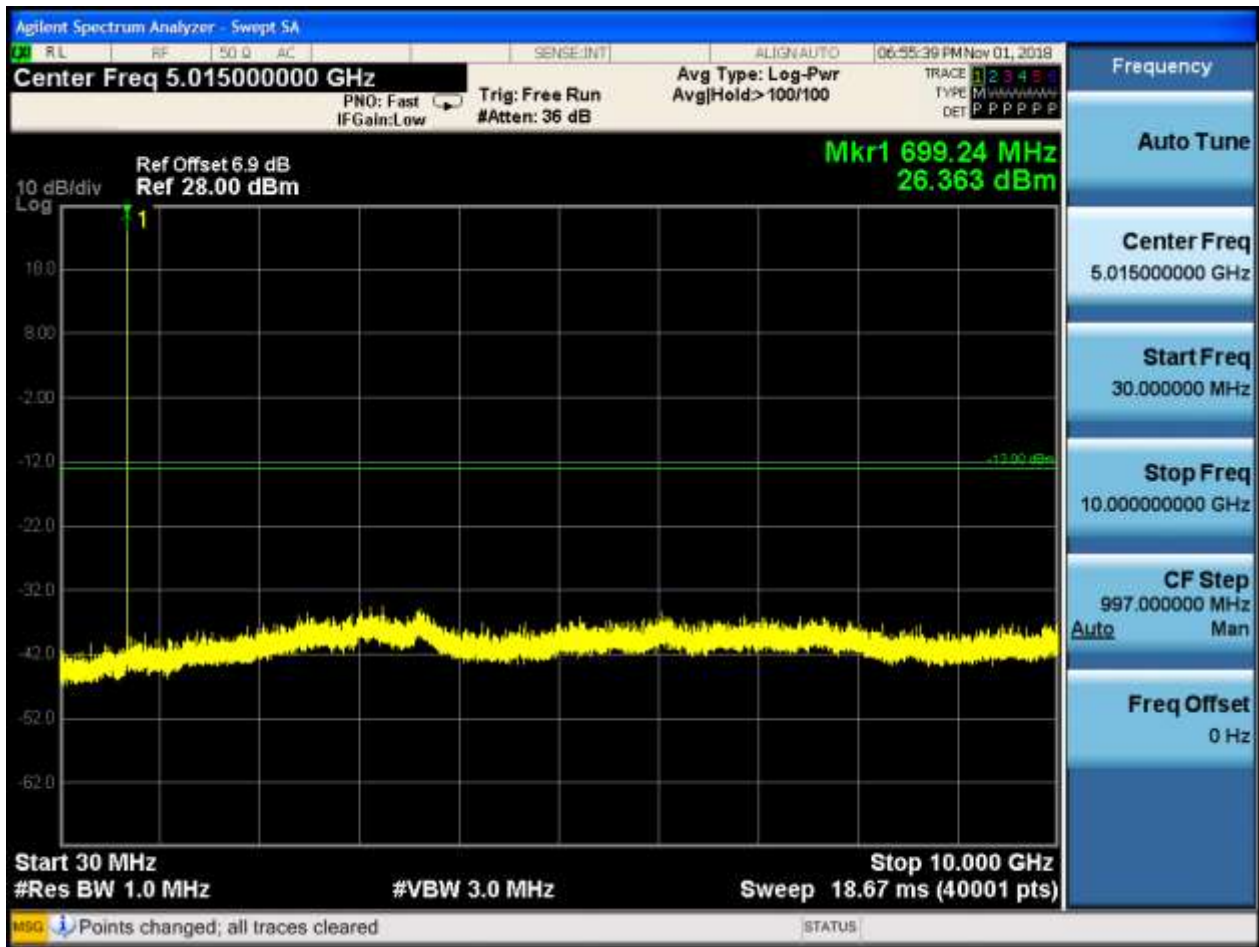
6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0







6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

