



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	22.13	16.63	34.7	PASS
				RB1#3	21.71	16.21	34.7	PASS
				RB1#5	22.19	16.69	34.7	PASS
				RB3#0	21.96	16.46	34.7	PASS
				RB3#2	21.9	16.4	34.7	PASS
				RB3#3	22.06	16.56	34.7	PASS
				RB6#0	21.06	15.56	34.7	PASS
			MCH	RB1#0	22.1	16.6	34.7	PASS
				RB1#3	21.84	16.34	34.7	PASS
				RB1#5	22.25	16.75	34.7	PASS
				RB3#0	22.01	16.51	34.7	PASS
				RB3#2	21.81	16.31	34.7	PASS
				RB3#3	22.12	16.62	34.7	PASS
				RB6#0	20.9	15.4	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.14	16.64	34.7	PASS
				RB1#3	21.92	16.42	34.7	PASS
				RB1#5	22.05	16.55	34.7	PASS
				RB3#0	21.88	16.38	34.7	PASS
				RB3#2	21.91	16.41	34.7	PASS
				RB3#3	21.93	16.43	34.7	PASS
				RB6#0	20.95	15.45	34.7	PASS
		3	LCH	RB1#0	22.05	16.55	34.7	PASS
				RB1#7	21.76	16.26	34.7	PASS
				RB1#14	22.02	16.52	34.7	PASS
				RB8#0	21.16	15.66	34.7	PASS
				RB8#4	21.15	15.65	34.7	PASS
				RB8#7	20.94	15.44	34.7	PASS
				RB15#0	21.18	15.68	34.7	PASS
			MCH	RB1#0	22.08	16.58	34.7	PASS
				RB1#7	21.61	16.11	34.7	PASS
				RB1#14	22.18	16.68	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.05	15.55	34.7	PASS
				RB8#4	21.05	15.55	34.7	PASS
				RB8#7	21	15.5	34.7	PASS
				RB15#0	21.08	15.58	34.7	PASS
			HCH	RB1#0	21.97	16.47	34.7	PASS
				RB1#7	21.43	15.93	34.7	PASS
				RB1#14	21.95	16.45	34.7	PASS
				RB8#0	20.94	15.44	34.7	PASS
				RB8#4	20.97	15.47	34.7	PASS
				RB8#7	20.93	15.43	34.7	PASS
				RB15#0	21.01	15.51	34.7	PASS
		5	LCH	RB1#0	22.11	16.61	34.7	PASS
				RB1#13	22.2	16.7	34.7	PASS
				RB1#24	22.22	16.72	34.7	PASS
				RB12#0	21.04	15.54	34.7	PASS
				RB12#6	21.12	15.62	34.7	PASS
				RB12#13	21.13	15.63	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.1	15.6	34.7	PASS
			MCH	RB1#0	22.05	16.55	34.7	PASS
				RB1#13	22.11	16.61	34.7	PASS
				RB1#24	22.09	16.59	34.7	PASS
				RB12#0	21.09	15.59	34.7	PASS
				RB12#6	21.13	15.63	34.7	PASS
				RB12#13	21.19	15.69	34.7	PASS
				RB25#0	21.09	15.59	34.7	PASS
			HCH	RB1#0	22.08	16.58	34.7	PASS
				RB1#13	22.02	16.52	34.7	PASS
				RB1#24	22.02	16.52	34.7	PASS
				RB12#0	21	15.5	34.7	PASS
				RB12#6	21.04	15.54	34.7	PASS
				RB12#13	21.13	15.63	34.7	PASS
				RB25#0	21.01	15.51	34.7	PASS
		10	LCH	RB1#0	22.09	16.59	34.7	PASS
				RB1#25	22	16.5	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.11	16.61	34.7	PASS
				RB25#0	21.07	15.57	34.7	PASS
				RB25#13	21.06	15.56	34.7	PASS
				RB25#25	21.16	15.66	34.7	PASS
				RB50#0	21.07	15.57	34.7	PASS
			MCH	RB1#0	22.06	16.56	34.7	PASS
				RB1#25	21.95	16.45	34.7	PASS
				RB1#49	21.99	16.49	34.7	PASS
				RB25#0	21.04	15.54	34.7	PASS
				RB25#13	21.13	15.63	34.7	PASS
				RB25#25	21.04	15.54	34.7	PASS
				RB50#0	21.08	15.58	34.7	PASS
			HCH	RB1#0	21.9	16.4	34.7	PASS
				RB1#25	22.05	16.55	34.7	PASS
				RB1#49	21.87	16.37	34.7	PASS
				RB25#0	21.01	15.51	34.7	PASS
				RB25#13	20.97	15.47	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.17	15.67	34.7	PASS
				RB50#0	21.14	15.64	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.2	15.7	34.7	PASS
				RB1#3	20.87	15.37	34.7	PASS
				RB1#5	21.23	15.73	34.7	PASS
				RB3#0	21.16	15.66	34.7	PASS
				RB3#2	20.97	15.47	34.7	PASS
				RB3#3	21	15.5	34.7	PASS
				RB6#0	20.04	14.54	34.7	PASS
			MCH	RB1#0	21.41	15.91	34.7	PASS
				RB1#3	21.08	15.58	34.7	PASS
				RB1#5	21.4	15.9	34.7	PASS
				RB3#0	21.1	15.6	34.7	PASS
				RB3#2	20.89	15.39	34.7	PASS
				RB3#3	21.1	15.6	34.7	PASS
				RB6#0	20.21	14.71	34.7	PASS
			HCH	RB1#0	21.17	15.67	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	20.8	15.3	34.7	PASS
				RB1#5	21.02	15.52	34.7	PASS
				RB3#0	21.26	15.76	34.7	PASS
				RB3#2	21.05	15.55	34.7	PASS
				RB3#3	21.05	15.55	34.7	PASS
				RB6#0	19.99	14.49	34.7	PASS
		3	LCH	RB1#0	20.97	15.47	34.7	PASS
				RB1#7	20.5	15	34.7	PASS
				RB1#14	21.02	15.52	34.7	PASS
				RB8#0	19.9	14.4	34.7	PASS
				RB8#4	20.01	14.51	34.7	PASS
				RB8#7	19.94	14.44	34.7	PASS
				RB15#0	20	14.5	34.7	PASS
			MCH	RB1#0	21.18	15.68	34.7	PASS
				RB1#7	20.94	15.44	34.7	PASS
				RB1#14	21.24	15.74	34.7	PASS
				RB8#0	19.95	14.45	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	20.09	14.59	34.7	PASS
				RB8#7	19.98	14.48	34.7	PASS
				RB15#0	20.01	14.51	34.7	PASS
			HCH	RB1#0	21.27	15.77	34.7	PASS
				RB1#7	20.6	15.1	34.7	PASS
				RB1#14	21.15	15.65	34.7	PASS
				RB8#0	20	14.5	34.7	PASS
				RB8#4	19.96	14.46	34.7	PASS
				RB8#7	19.79	14.29	34.7	PASS
				RB15#0	19.96	14.46	34.7	PASS
		5	LCH	RB1#0	21.23	15.73	34.7	PASS
				RB1#13	21.32	15.82	34.7	PASS
				RB1#24	21.29	15.79	34.7	PASS
				RB12#0	19.9	14.4	34.7	PASS
				RB12#6	19.9	14.4	34.7	PASS
				RB12#13	19.9	14.4	34.7	PASS
				RB25#0	19.89	14.39	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.16	15.66	34.7	PASS
				RB1#13	21.29	15.79	34.7	PASS
				RB1#24	21.27	15.77	34.7	PASS
				RB12#0	19.94	14.44	34.7	PASS
				RB12#6	20.04	14.54	34.7	PASS
				RB12#13	19.98	14.48	34.7	PASS
				RB25#0	19.93	14.43	34.7	PASS
			HCH	RB1#0	21.43	15.93	34.7	PASS
				RB1#13	21.52	16.02	34.7	PASS
				RB1#24	21.36	15.86	34.7	PASS
				RB12#0	20.13	14.63	34.7	PASS
				RB12#6	19.99	14.49	34.7	PASS
				RB12#13	20.03	14.53	34.7	PASS
				RB25#0	20.02	14.52	34.7	PASS
		10	LCH	RB1#0	21.21	15.71	34.7	PASS
				RB1#25	20.79	15.29	34.7	PASS
				RB1#49	21.12	15.62	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	19.96	14.46	34.7	PASS
				RB25#13	19.95	14.45	34.7	PASS
				RB25#25	20.01	14.51	34.7	PASS
				RB50#0	19.94	14.44	34.7	PASS
			MCH	RB1#0	21.11	15.61	34.7	PASS
				RB1#25	20.72	15.22	34.7	PASS
				RB1#49	21.04	15.54	34.7	PASS
				RB25#0	20.06	14.56	34.7	PASS
				RB25#13	19.99	14.49	34.7	PASS
				RB25#25	19.96	14.46	34.7	PASS
				RB50#0	20.02	14.52	34.7	PASS
			HCH	RB1#0	21.22	15.72	34.7	PASS
				RB1#25	21.04	15.54	34.7	PASS
				RB1#49	21.21	15.71	34.7	PASS
				RB25#0	19.96	14.46	34.7	PASS
				RB25#13	19.96	14.46	34.7	PASS
				RB25#25	20.05	14.55	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	19.95	14.45	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:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

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

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	4.29	13	PASS
				RB1#3	4.37	13	PASS
				RB1#5	4.4	13	PASS
				RB3#0	4.83	13	PASS
				RB3#2	4.84	13	PASS
				RB3#3	5	13	PASS
				RB6#0	5.6	13	PASS
			MCH	RB1#0	4.12	13	PASS
				RB1#3	4.32	13	PASS
				RB1#5	4.18	13	PASS
				RB3#0	4.58	13	PASS
				RB3#2	4.67	13	PASS
				RB3#3	4.62	13	PASS
				RB6#0	5.55	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#3	4.05	13	PASS
				RB1#5	3.81	13	PASS
				RB3#0	4.84	13	PASS
				RB3#2	4.69	13	PASS
				RB3#3	4.56	13	PASS
				RB6#0	5.34	13	PASS
		3	LCH	RB1#0	4.36	13	PASS
				RB1#7	4.54	13	PASS
				RB1#14	4.56	13	PASS
				RB8#0	5.31	13	PASS
				RB8#4	5.32	13	PASS
				RB8#7	5.44	13	PASS
				RB15#0	5.55	13	PASS
			MCH	RB1#0	4.1	13	PASS
				RB1#7	4.47	13	PASS
				RB1#14	4.14	13	PASS
				RB8#0	5.27	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	5.21	13	PASS
				RB8#7	5.4	13	PASS
				RB15#0	5.7	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#7	4.89	13	PASS
				RB1#14	4.19	13	PASS
				RB8#0	5.53	13	PASS
				RB8#4	5.37	13	PASS
				RB8#7	5.35	13	PASS
				RB15#0	5.52	13	PASS
		5	LCH	RB1#0	4.28	13	PASS
				RB1#13	4.39	13	PASS
				RB1#24	4.33	13	PASS
				RB12#0	5.3	13	PASS
				RB12#6	5.51	13	PASS
				RB12#13	5.45	13	PASS
				RB25#0	5.85	13	PASS
			MCH	RB1#0	4.4	13	PASS
				RB1#13	4.32	13	PASS
				RB1#24	4.18	13	PASS
				RB12#0	5.28	13	PASS
				RB12#6	5.23	13	PASS
				RB12#13	5.49	13	PASS
				RB25#0	5.9	13	PASS
			HCH	RB1#0	4.56	13	PASS
				RB1#13	4.59	13	PASS
				RB1#24	4.13	13	PASS
				RB12#0	5.56	13	PASS
				RB12#6	5.51	13	PASS
				RB12#13	5.5	13	PASS
				RB25#0	5.71	13	PASS
		10	LCH	RB1#0	4.32	13	PASS
				RB1#25	4.37	13	PASS
				RB1#49	4.18	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.61	13	PASS
				RB25#25	5.51	13	PASS
				RB50#0	5.99	13	PASS
			MCH	RB1#0	4.56	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.42	13	PASS
				RB1#49	4.4	13	PASS
				RB25#0	5.45	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.53	13	PASS
				RB50#0	6.19	13	PASS
			HCH	RB1#0	4.4	13	PASS
				RB1#25	4.34	13	PASS
				RB1#49	4.21	13	PASS
				RB25#0	5.52	13	PASS
				RB25#13	5.49	13	PASS
				RB25#25	5.63	13	PASS
				RB50#0	5.55	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.15	13	PASS
				RB1#3	5.47	13	PASS
				RB1#5	5.25	13	PASS
				RB3#0	5.81	13	PASS
				RB3#2	5.98	13	PASS
				RB3#3	5.98	13	PASS
				RB6#0	6.6	13	PASS
			MCH	RB1#0	5.13	13	PASS
				RB1#3	5.35	13	PASS
				RB1#5	5.06	13	PASS
				RB3#0	5.84	13	PASS
				RB3#2	6.02	13	PASS
				RB3#3	5.91	13	PASS
				RB6#0	6.04	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#3	5.12	13	PASS
				RB1#5	4.75	13	PASS
				RB3#0	5.56	13	PASS
				RB3#2	5.42	13	PASS
				RB3#3	5.24	13	PASS
				RB6#0	6.3	13	PASS
		3	LCH	RB1#0	5.5	13	PASS
				RB1#7	5.96	13	PASS
				RB1#14	5.91	13	PASS
				RB8#0	6.3	13	PASS
				RB8#4	6.31	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.41	13	PASS
				RB15#0	6.66	13	PASS
			MCH	RB1#0	5.4	13	PASS
				RB1#7	5.33	13	PASS
				RB1#14	5.17	13	PASS
				RB8#0	6.04	13	PASS
				RB8#4	5.95	13	PASS
				RB8#7	6.11	13	PASS
				RB15#0	6.38	13	PASS
			HCH	RB1#0	5.15	13	PASS
				RB1#7	5.16	13	PASS
				RB1#14	4.93	13	PASS
				RB8#0	6.18	13	PASS
				RB8#4	6.04	13	PASS
				RB8#7	6.02	13	PASS
				RB15#0	6.65	13	PASS
		5	LCH	RB1#0	5.44	13	PASS
				RB1#13	5.73	13	PASS
				RB1#24	5.58	13	PASS
				RB12#0	6.43	13	PASS
				RB12#6	6.43	13	PASS
				RB12#13	6.4	13	PASS
				RB25#0	6.58	13	PASS
			MCH	RB1#0	5.02	13	PASS
				RB1#13	4.93	13	PASS
				RB1#24	4.99	13	PASS
				RB12#0	6.21	13	PASS
				RB12#6	6.08	13	PASS
				RB12#13	6.45	13	PASS
				RB25#0	6.67	13	PASS
			HCH	RB1#0	4.89	13	PASS
				RB1#13	5.1	13	PASS
				RB1#24	4.71	13	PASS
				RB12#0	6.09	13	PASS
				RB12#6	6.2	13	PASS
				RB12#13	6.16	13	PASS
				RB25#0	6.48	13	PASS
		10	LCH	RB1#0	5.47	13	PASS
				RB1#25	5.82	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.39	13	PASS
				RB25#0	6.46	13	PASS
				RB25#13	6.3	13	PASS
				RB25#25	6.27	13	PASS
				RB50#0	6.69	13	PASS
			MCH	RB1#0	5.16	13	PASS
				RB1#25	5.15	13	PASS
				RB1#49	5.24	13	PASS
				RB25#0	6.46	13	PASS
				RB25#13	6.38	13	PASS
				RB25#25	6.51	13	PASS
				RB50#0	7.05	13	PASS
			HCH	RB1#0	5.09	13	PASS
				RB1#25	4.97	13	PASS
				RB1#49	5.51	13	PASS
				RB25#0	6.49	13	PASS
				RB25#13	6.25	13	PASS
				RB25#25	6.71	13	PASS
				RB50#0	6.6	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

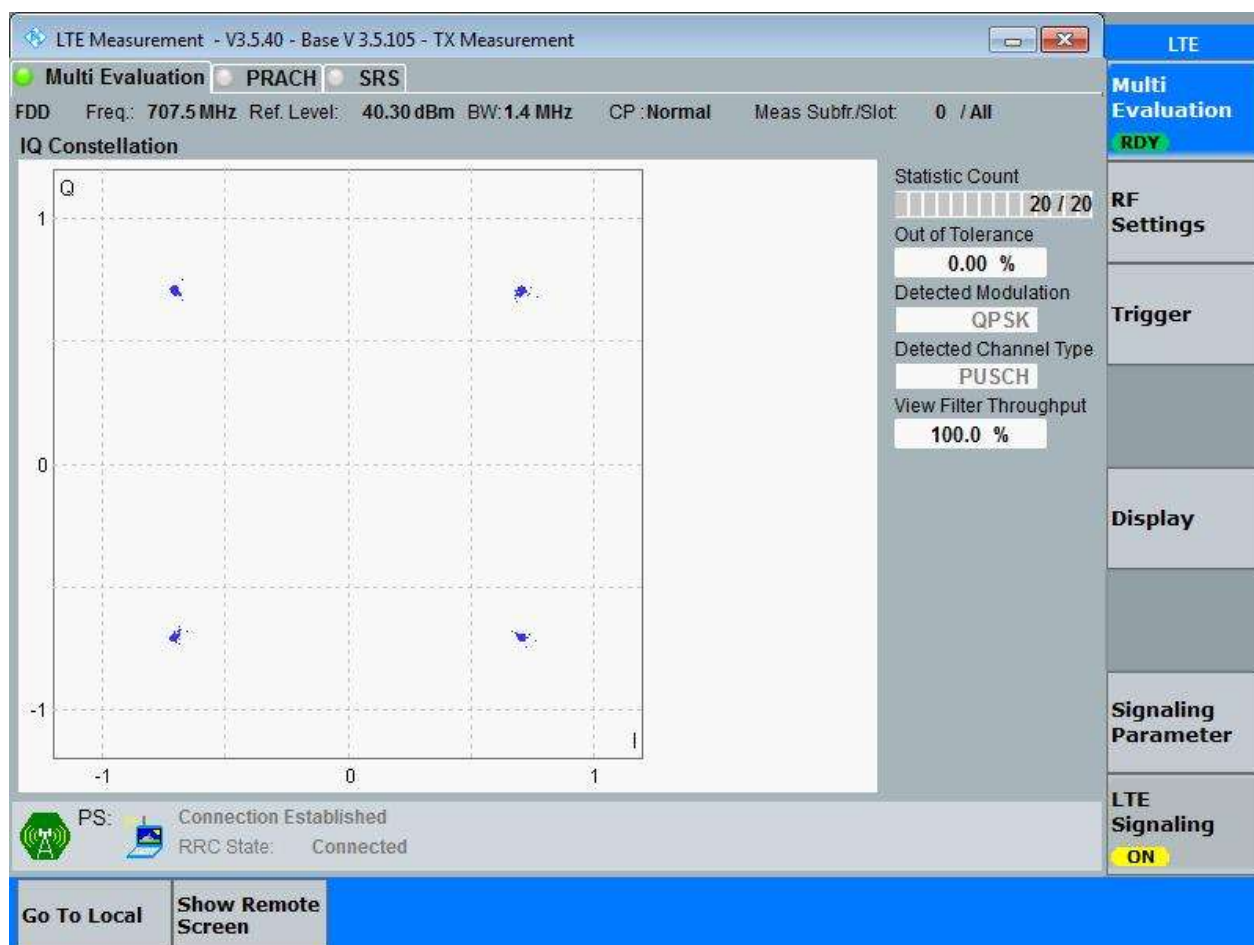
3.1.1 Test Band = BAND12

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

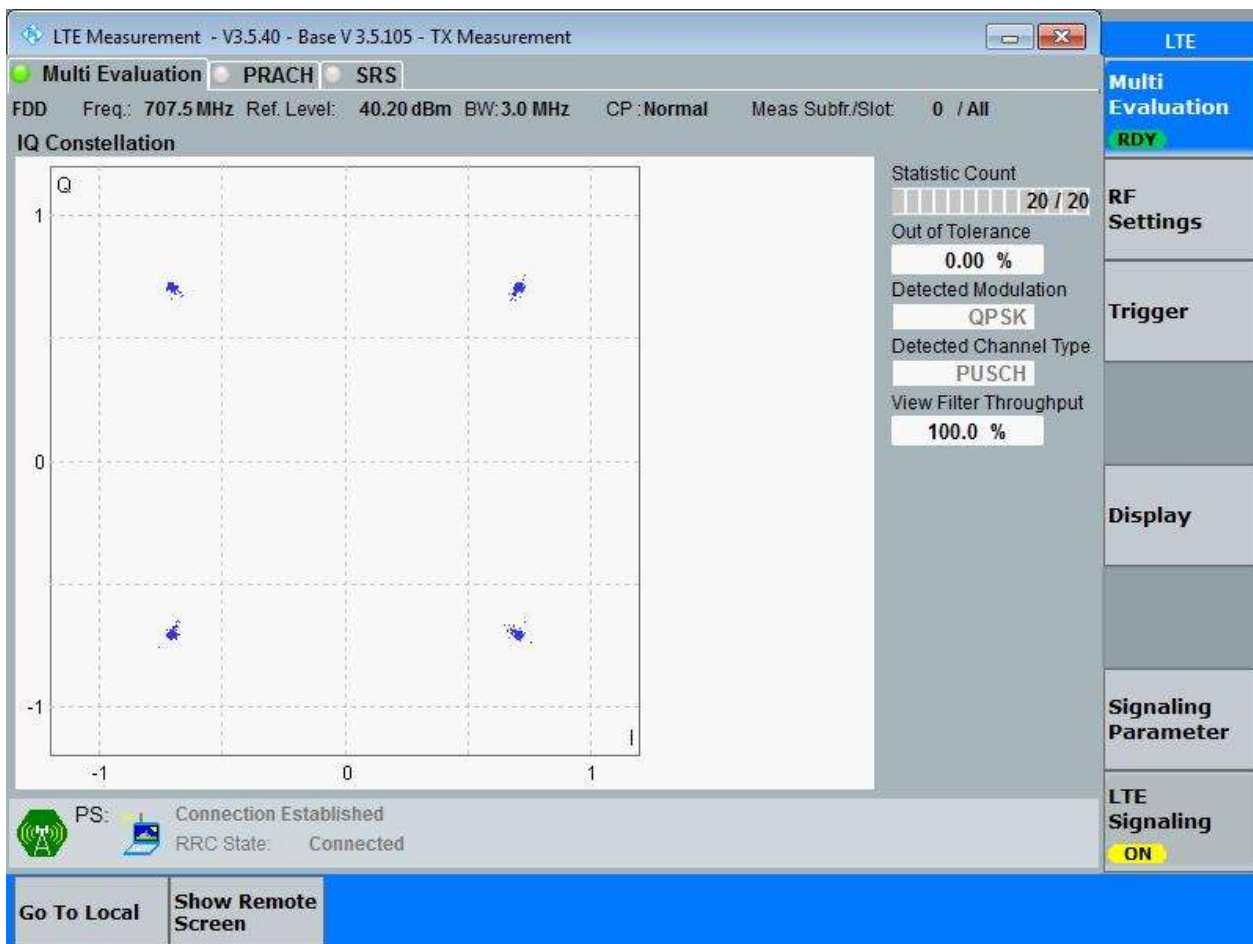
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

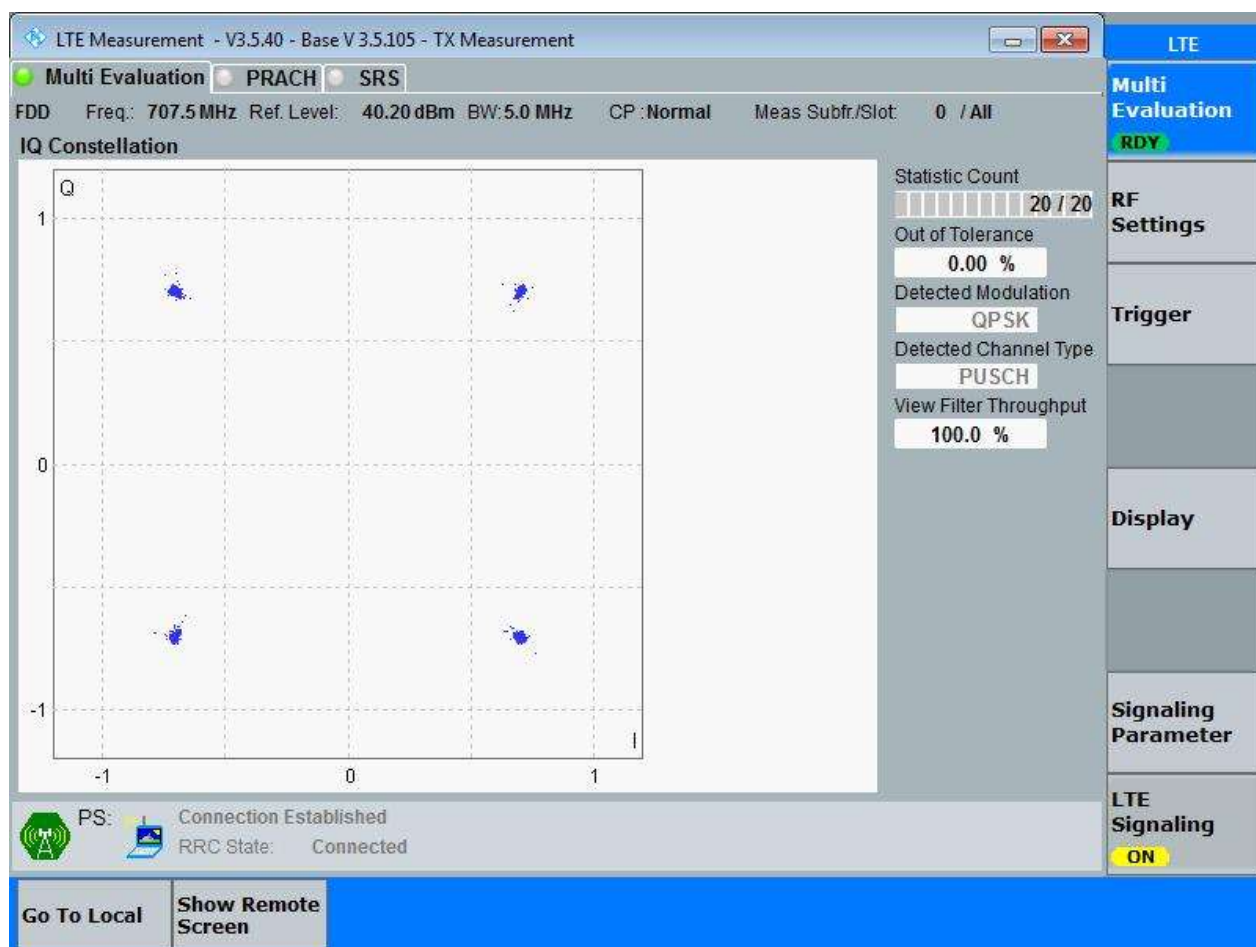
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

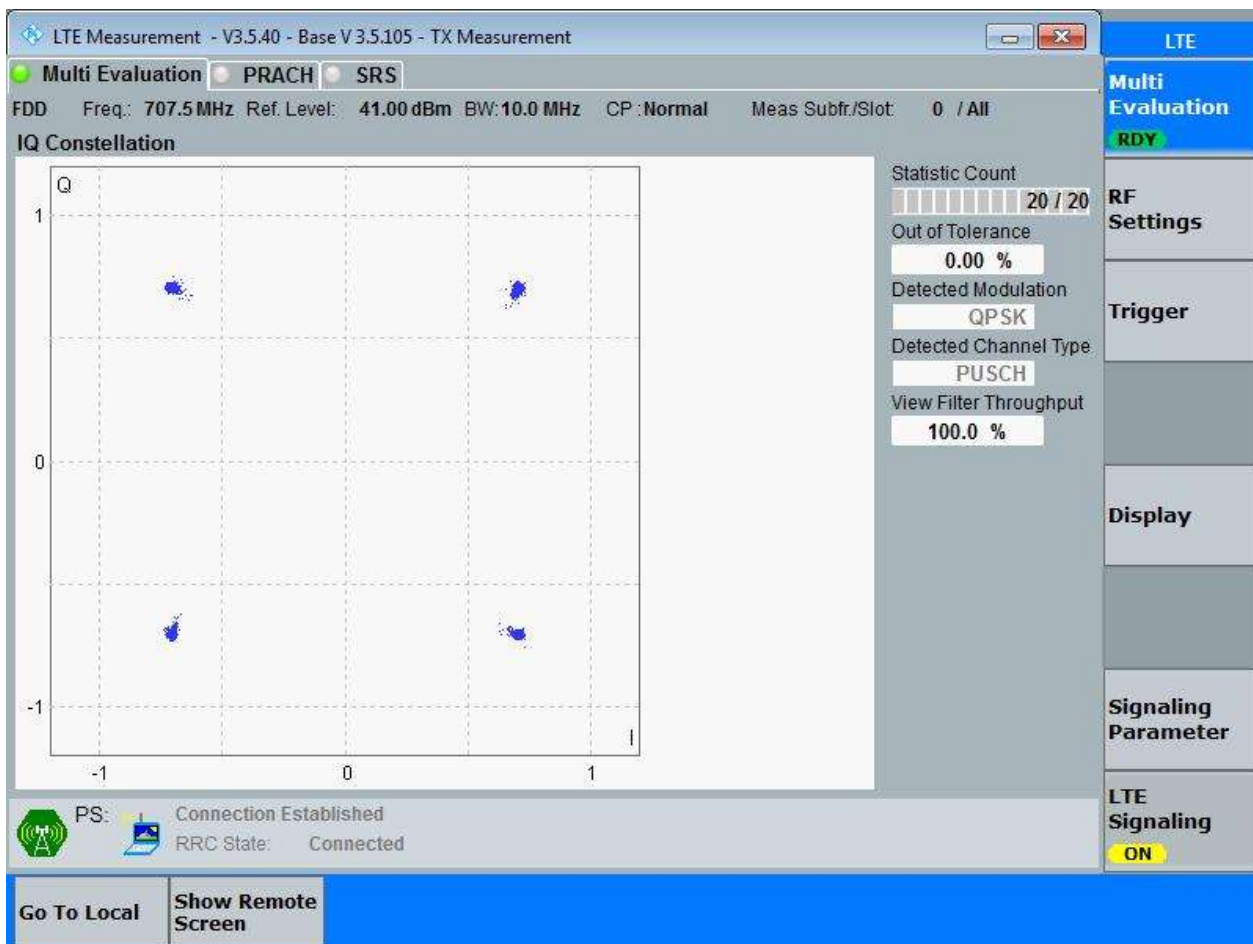
3.1.1.1.3.1.1 Test RB = RB25#0



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

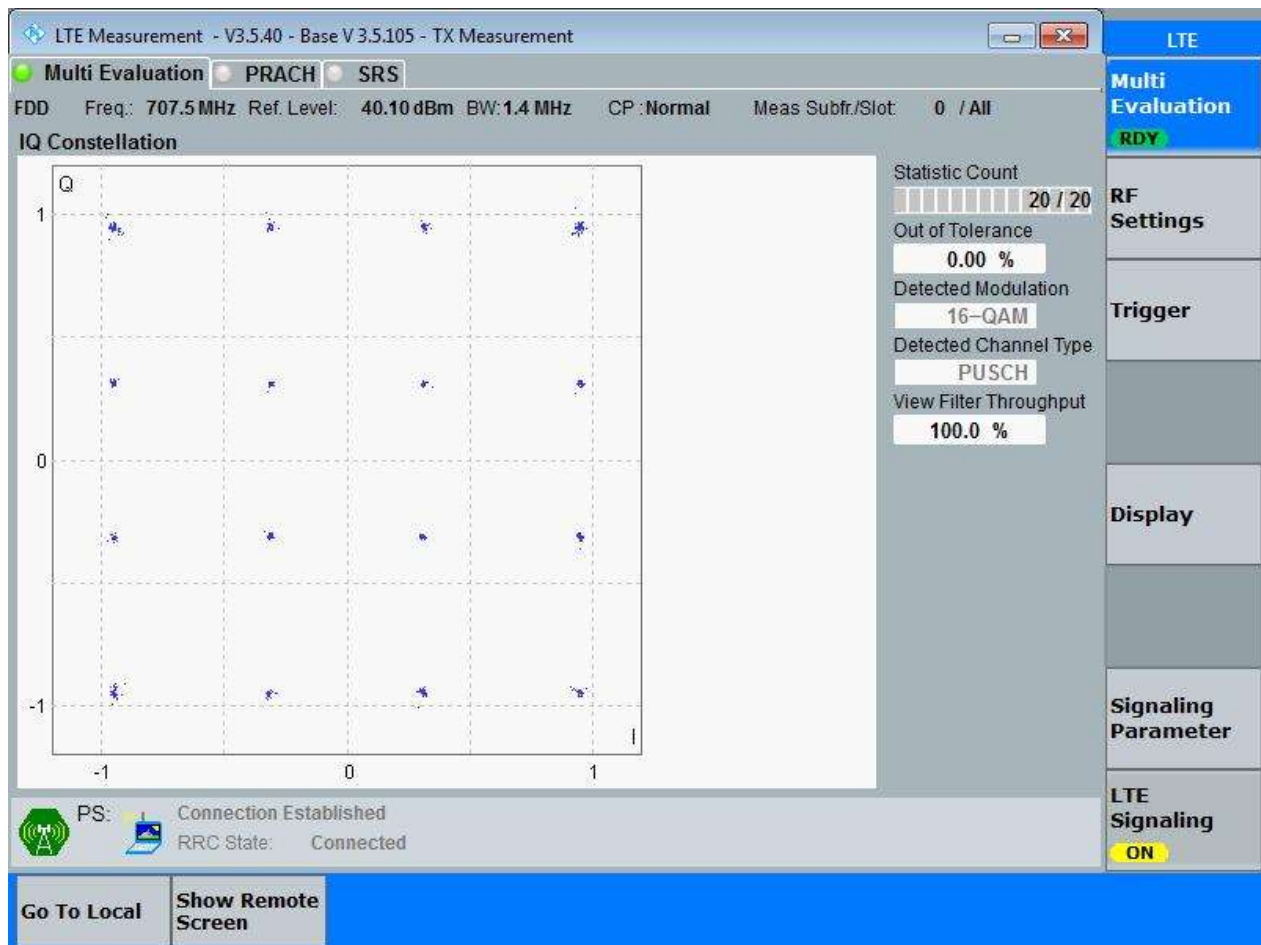


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

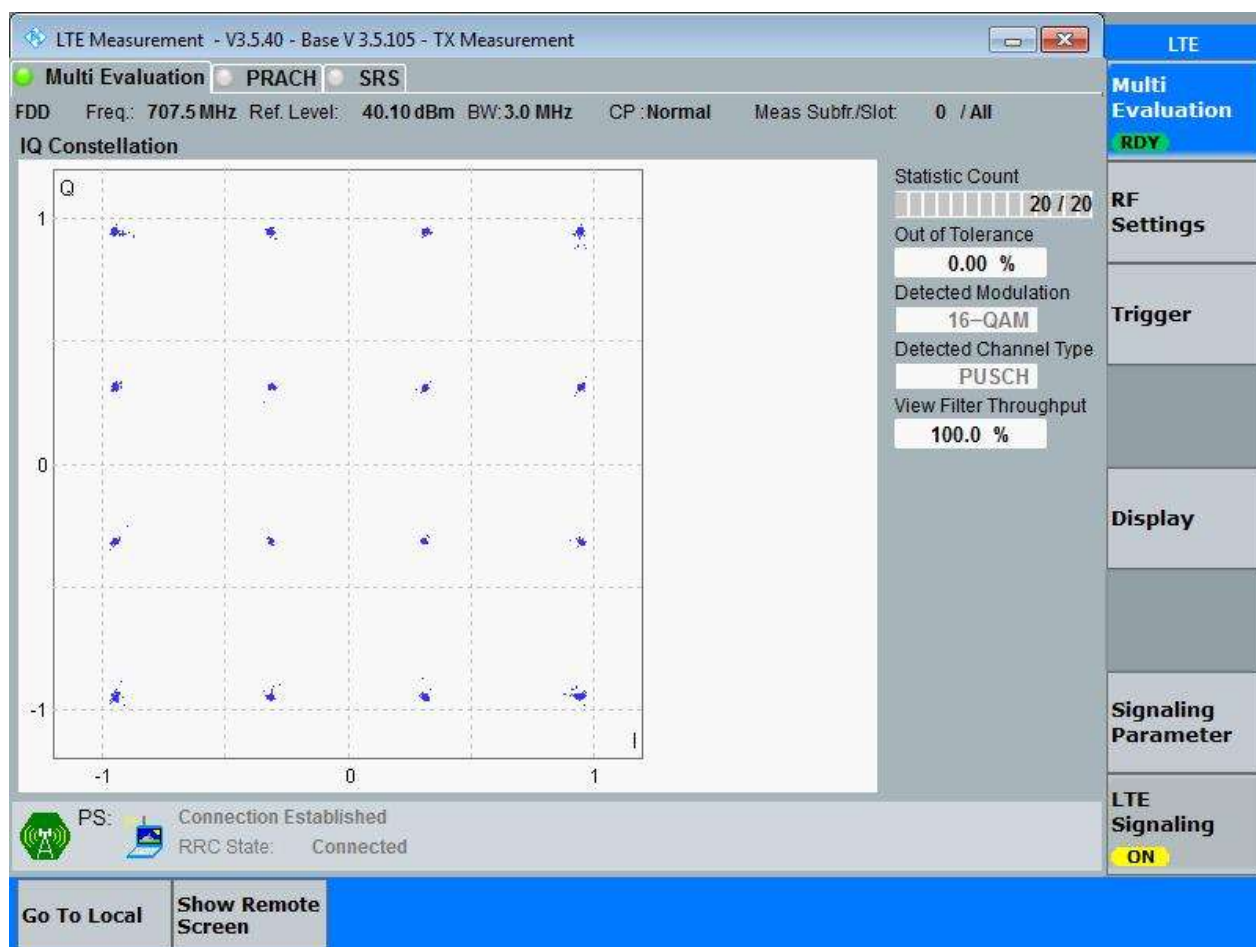
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

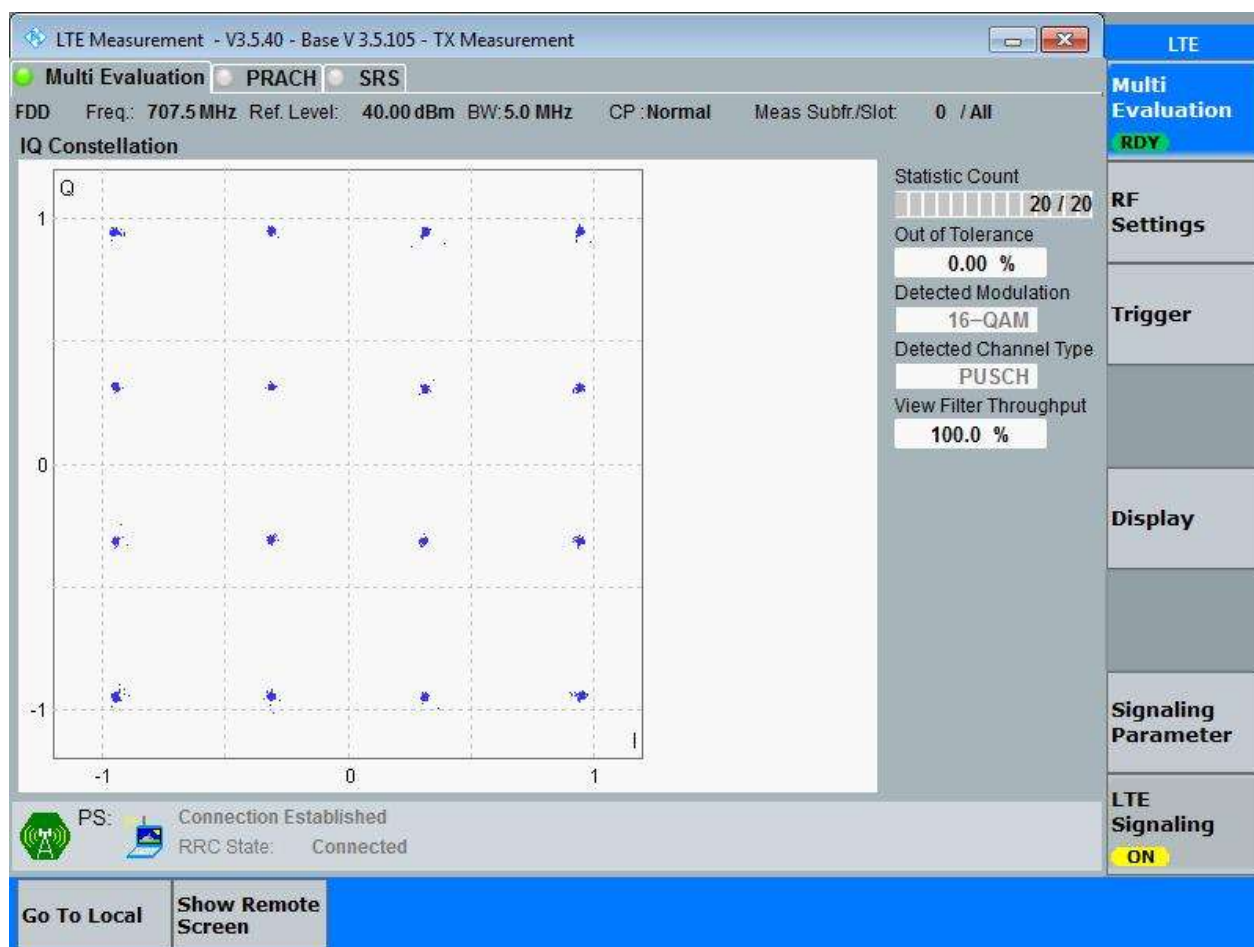
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

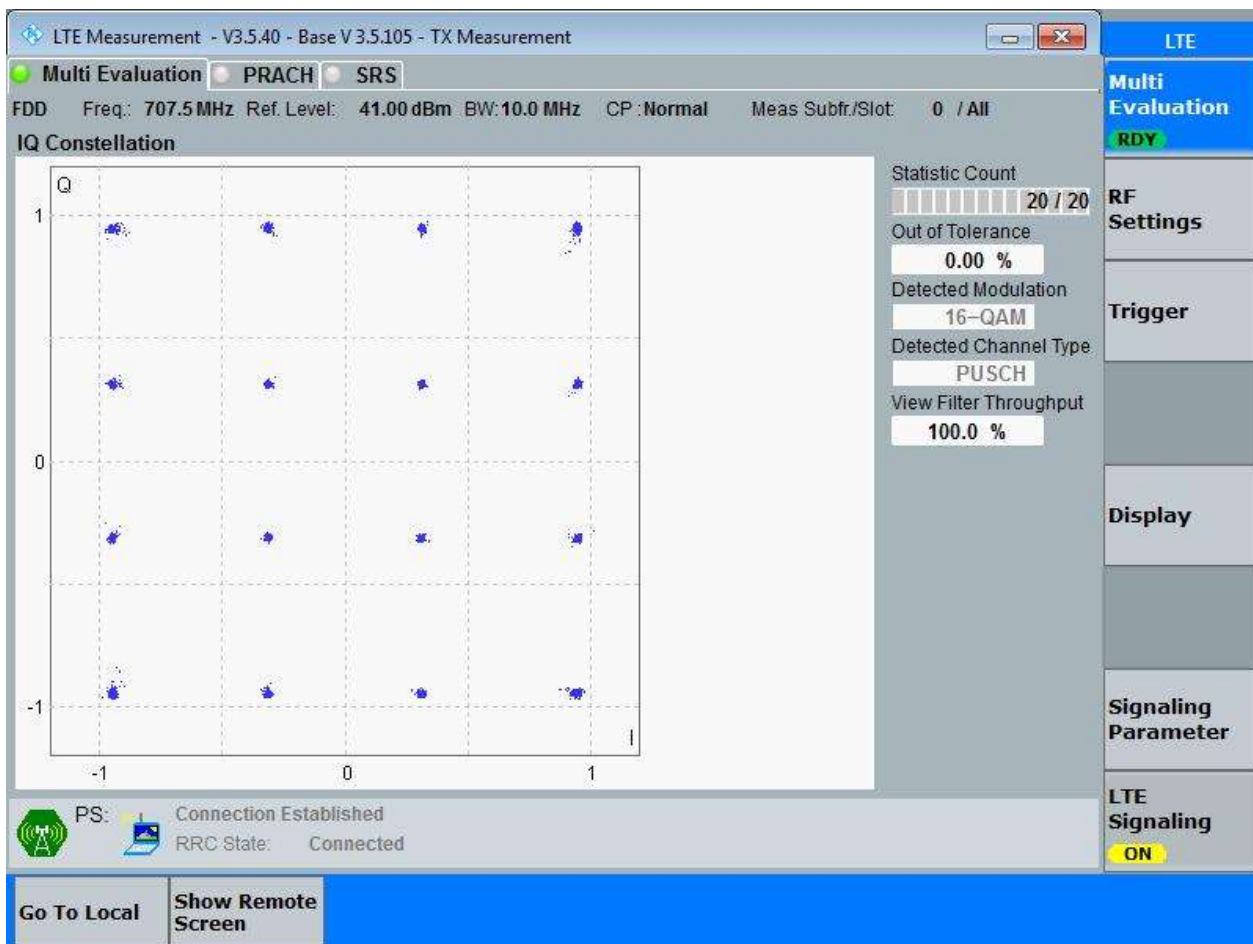
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.10	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.72	2.99	Pass
			HCH	RB15#0	2.70	2.96	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.50	4.91	Pass
		10	LCH	RB50#0	8.99	9.91	Pass
			MCH	RB50#0	9.03	9.93	Pass
			HCH	RB50#0	8.93	9.81	Pass
	LTE/TM2	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	2.99	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.49	4.95	Pass
			MCH	RB25#0	4.53	4.99	Pass
			HCH	RB25#0	4.50	4.94	Pass
		10	LCH	RB50#0	9.01	9.91	Pass
			MCH	RB50#0	9.06	9.94	Pass
			HCH	RB50#0	8.95	9.85	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

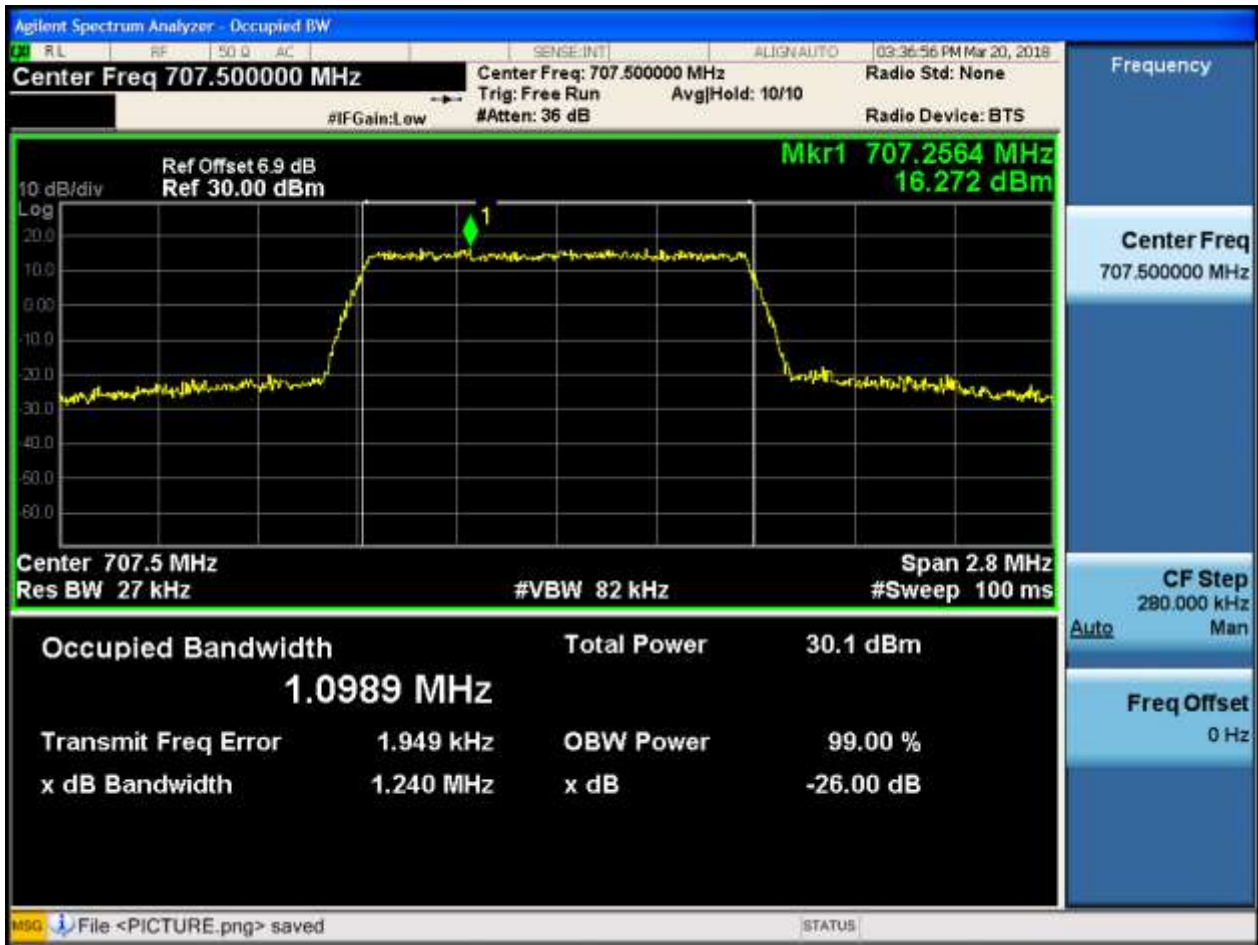
4.1.1.1.1.1 Test Channel = LCH

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

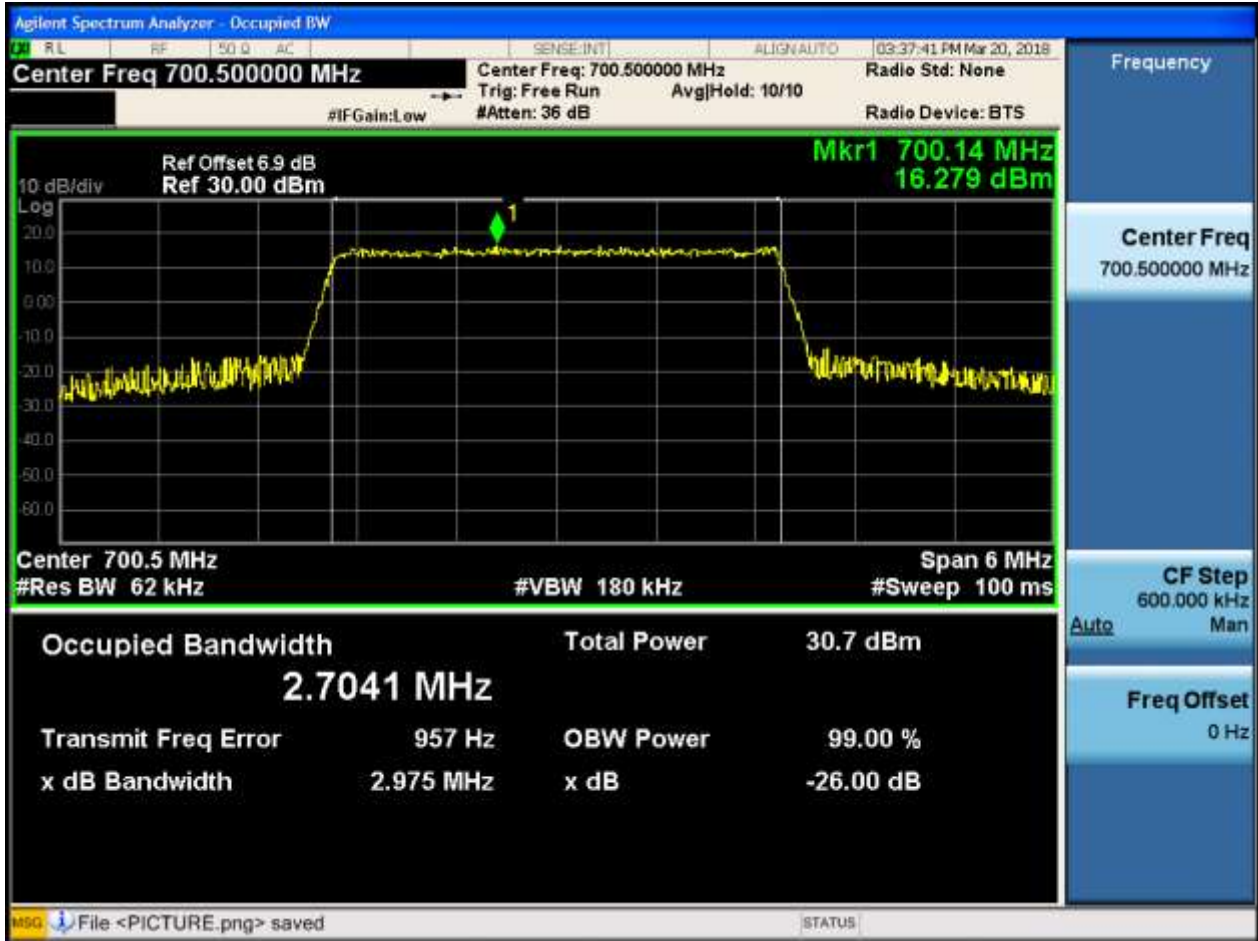
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

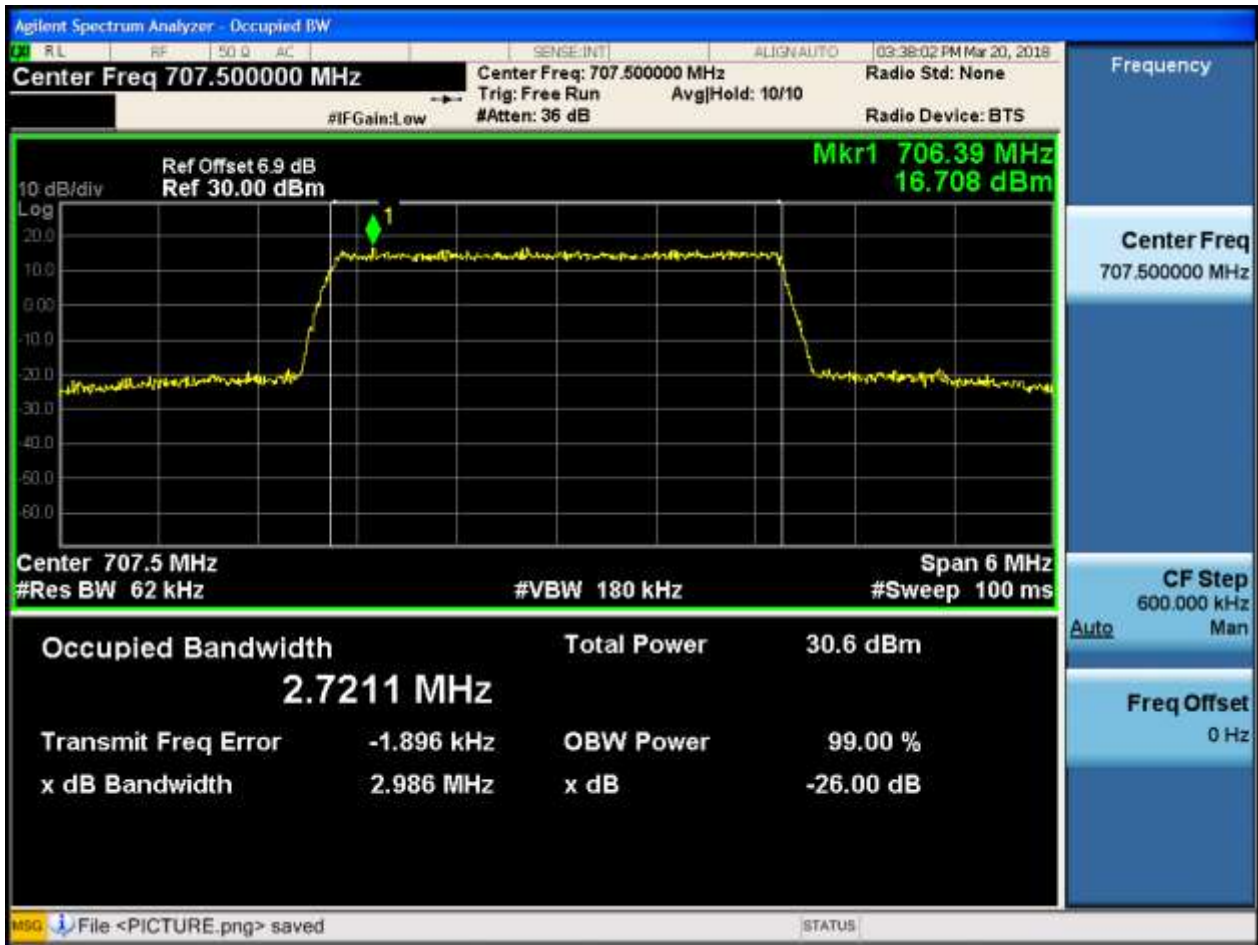
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



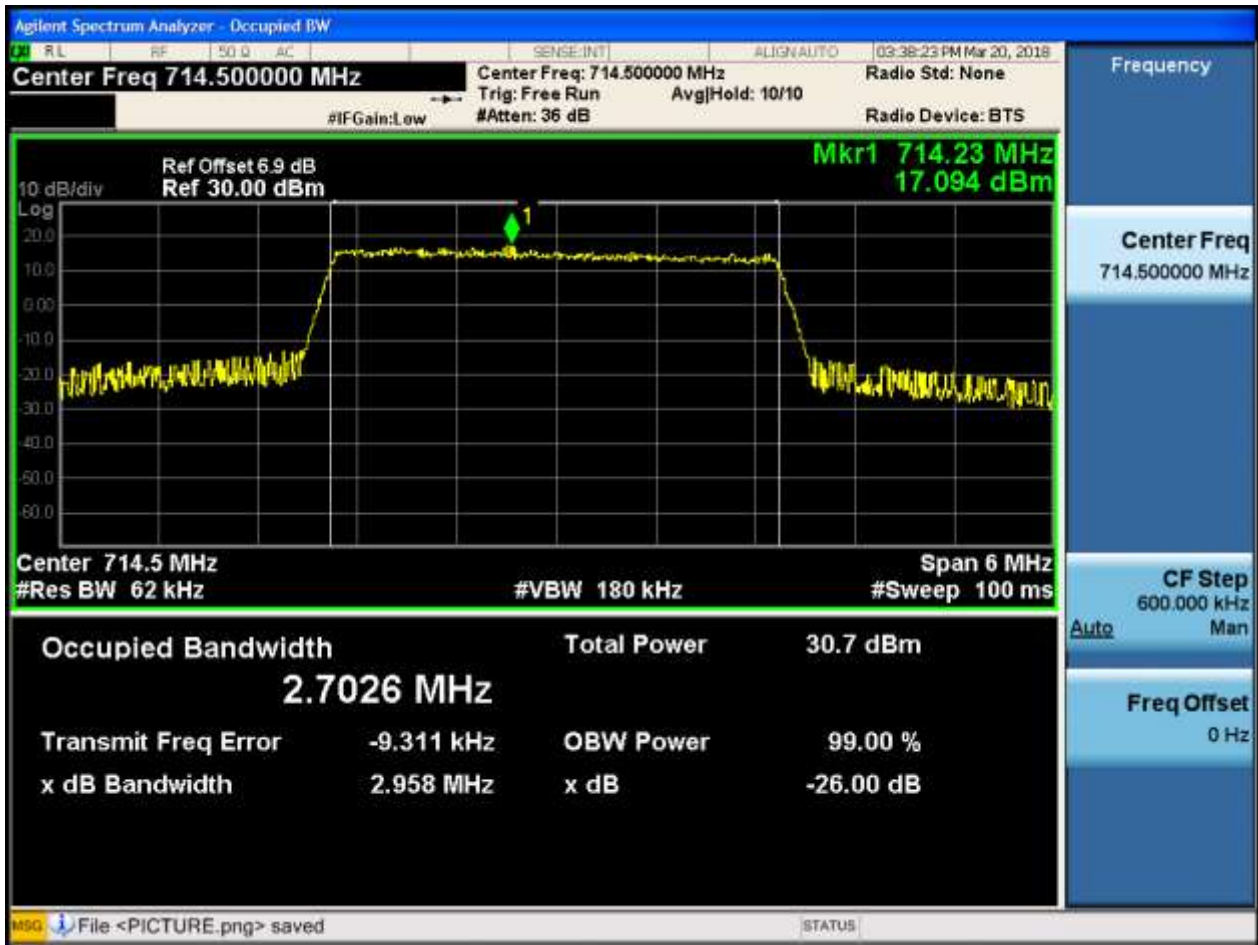
4.1.1.1.2.2 Test Channel = MCH

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

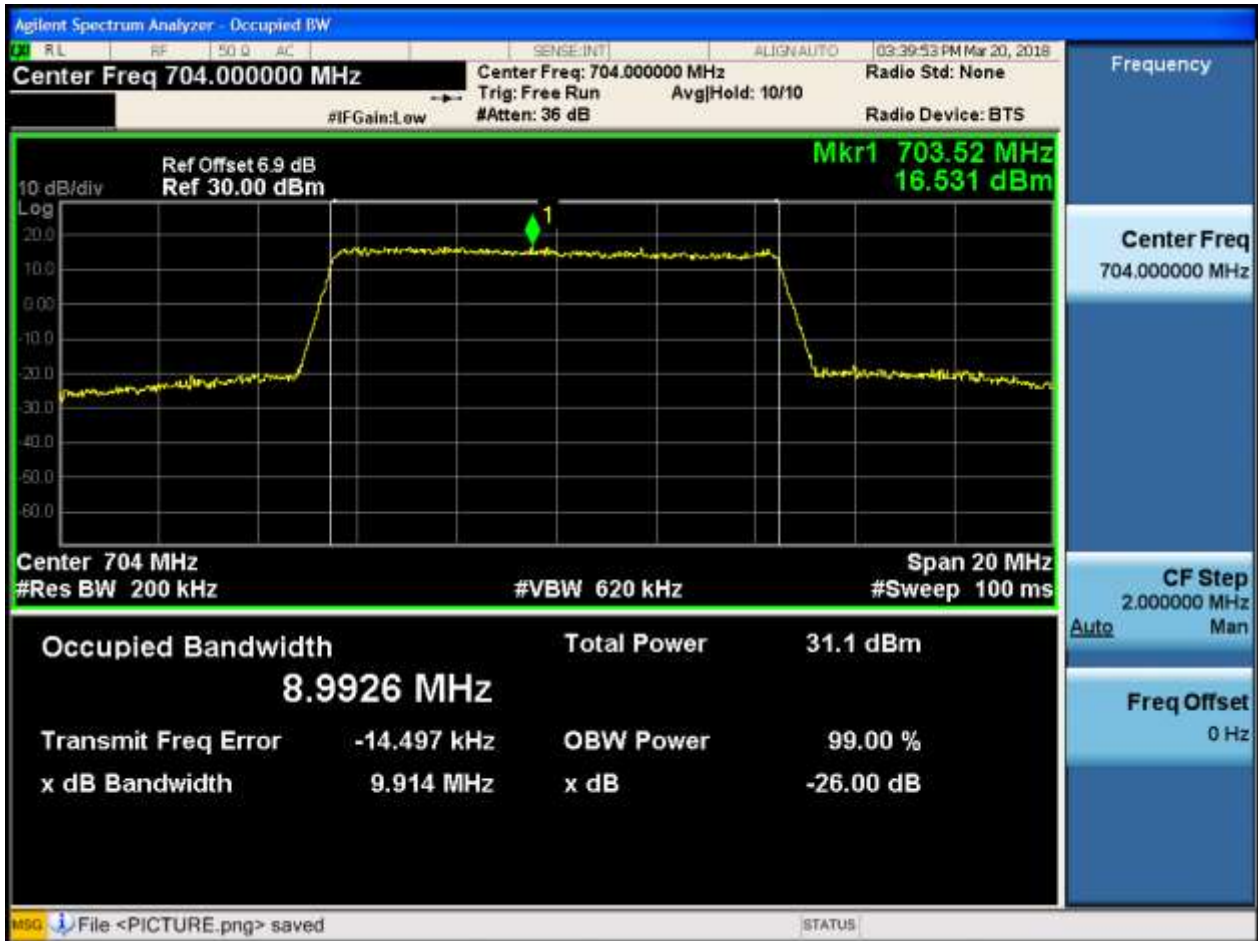




4.1.1.1.4 Test Bandwidth = 10

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

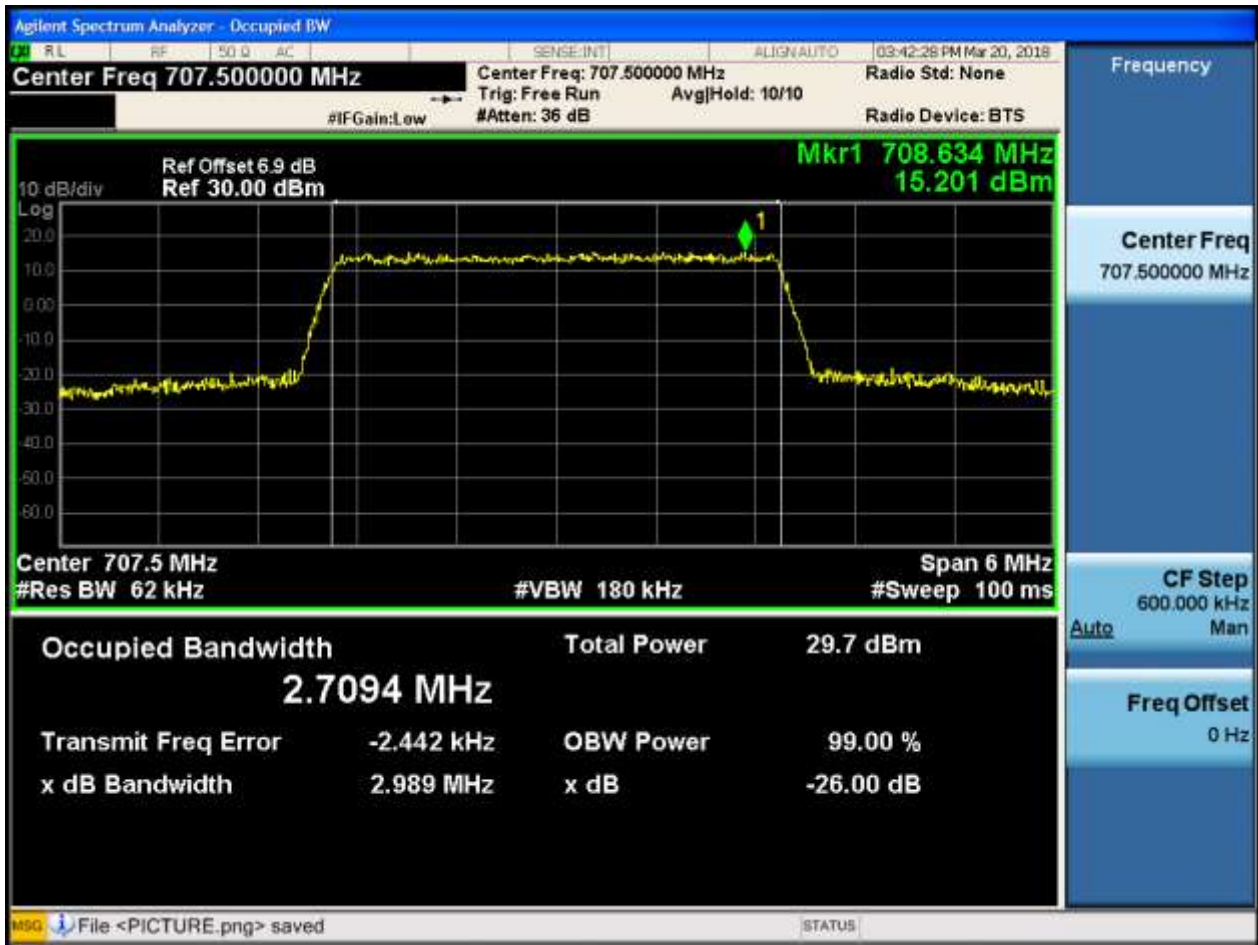
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

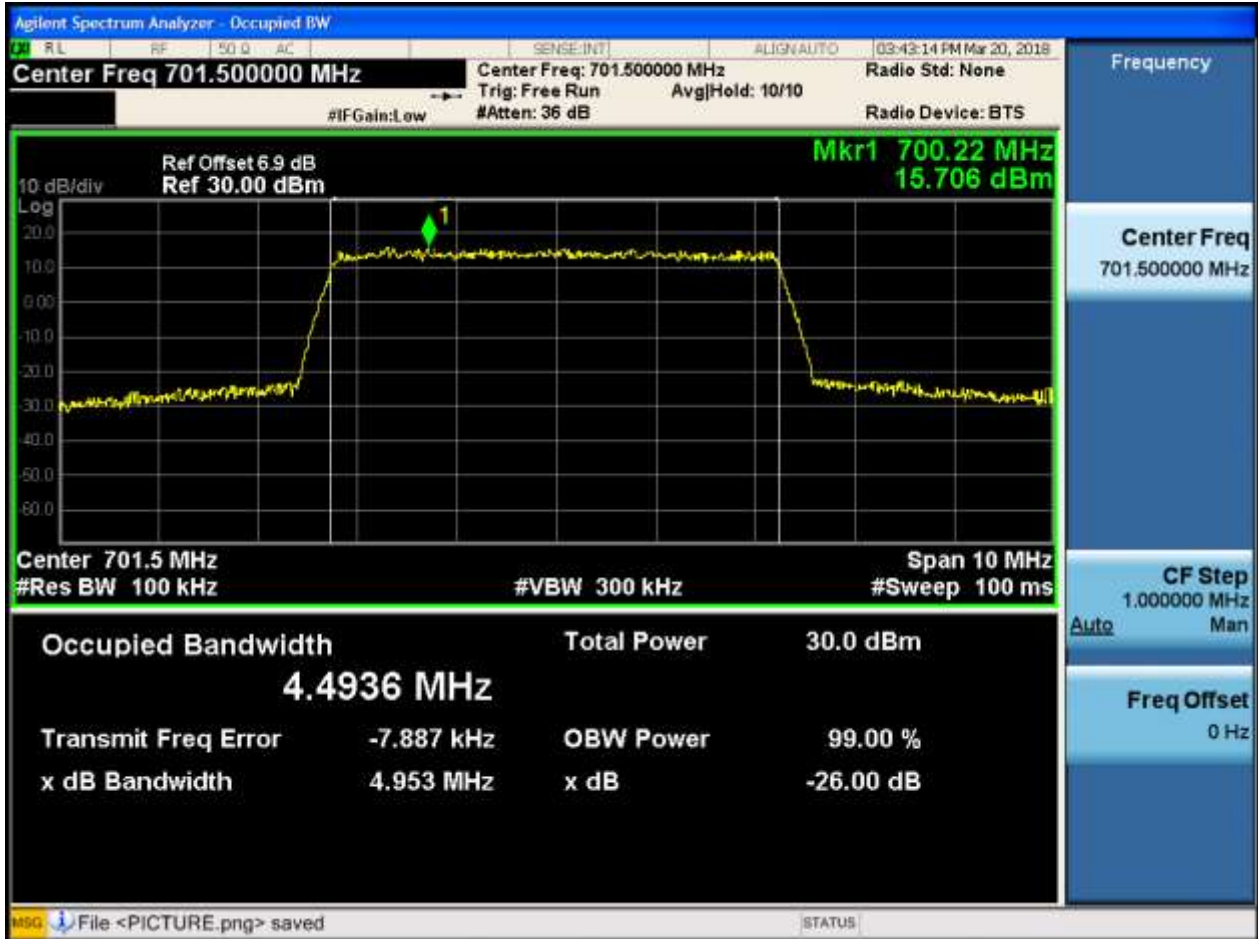
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

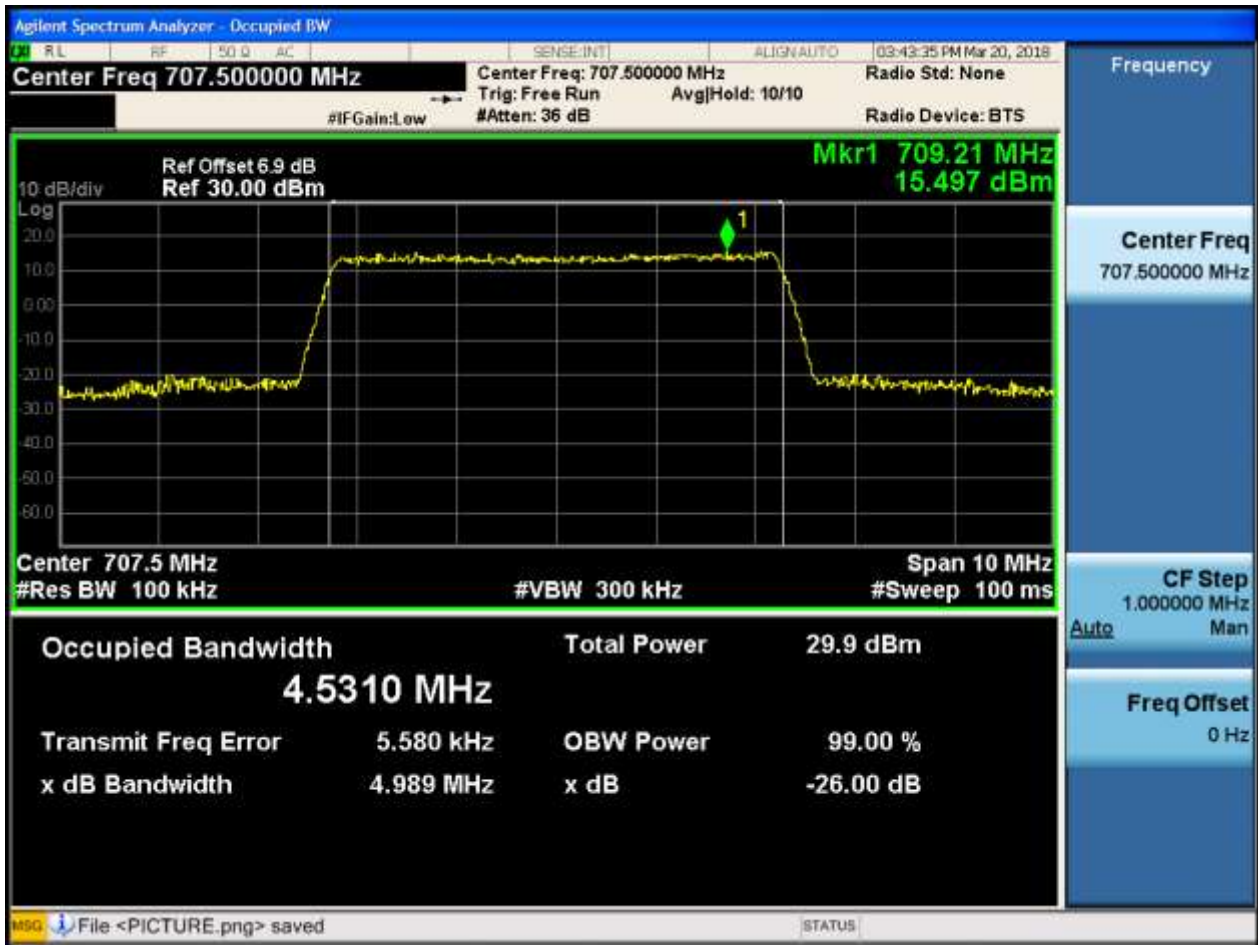
4.1.1.2.3.1 Test Channel = LCH

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

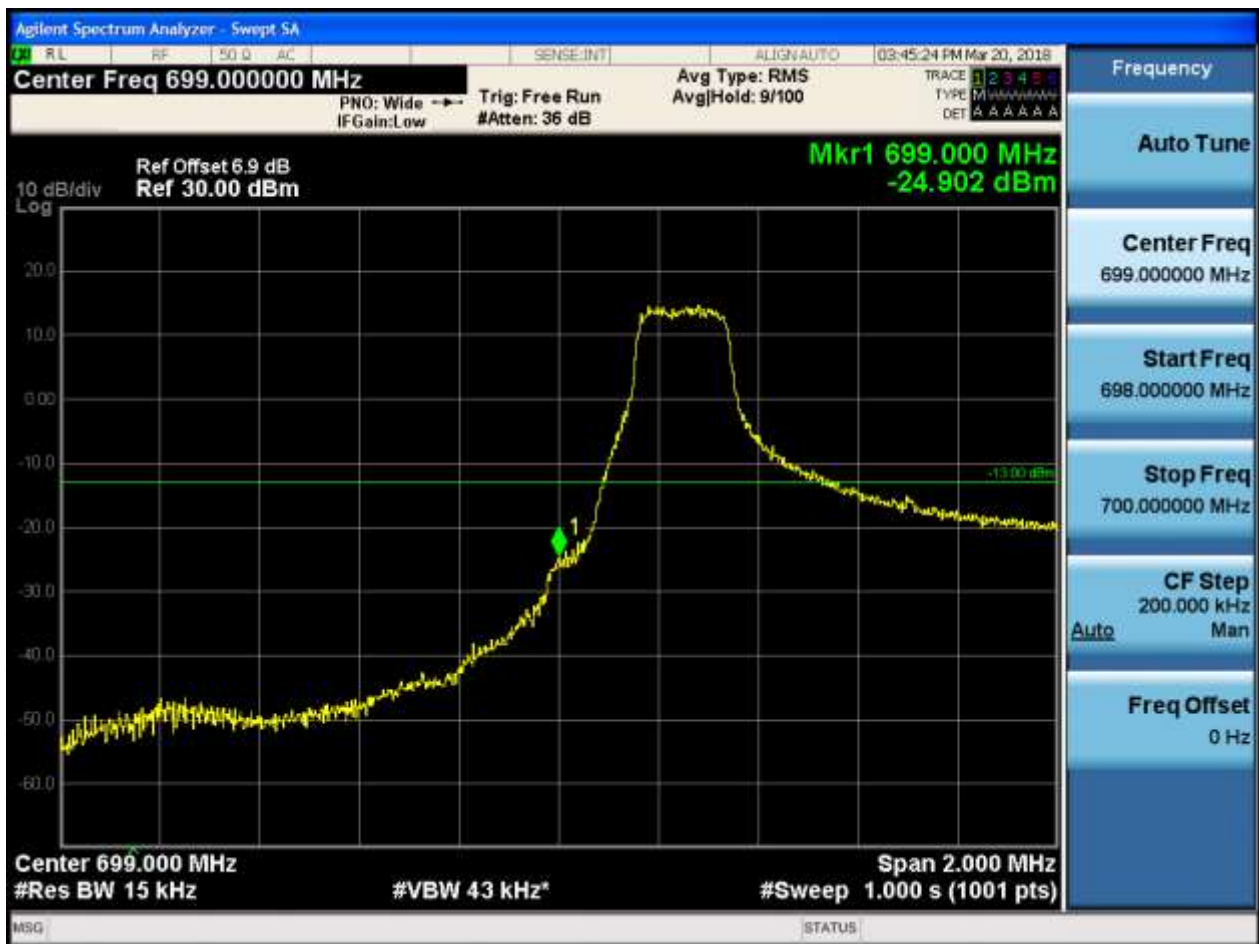
5.1.1 Test Band = BAND12

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





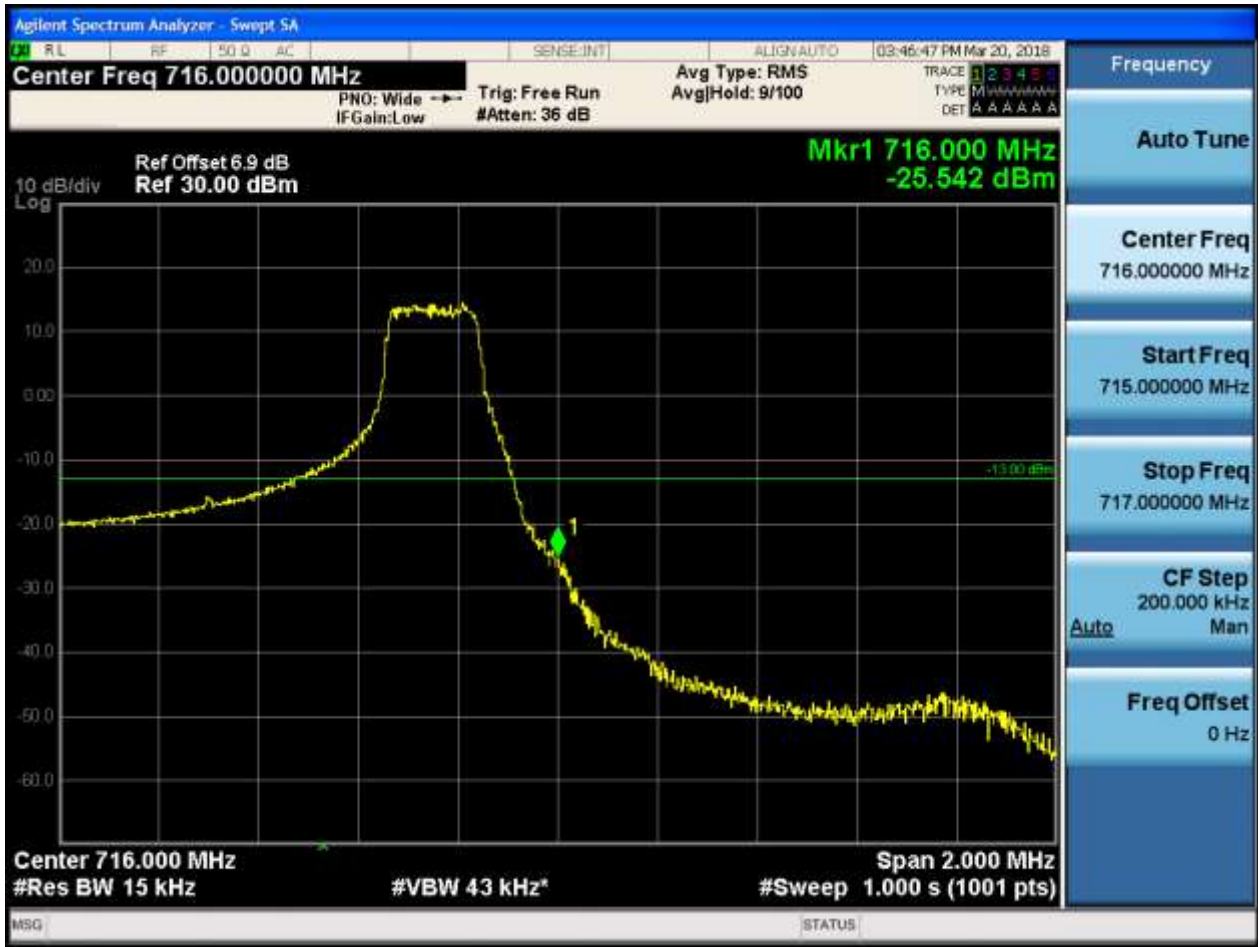
5.1.1.1.1.2 Test Channel = HCH

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



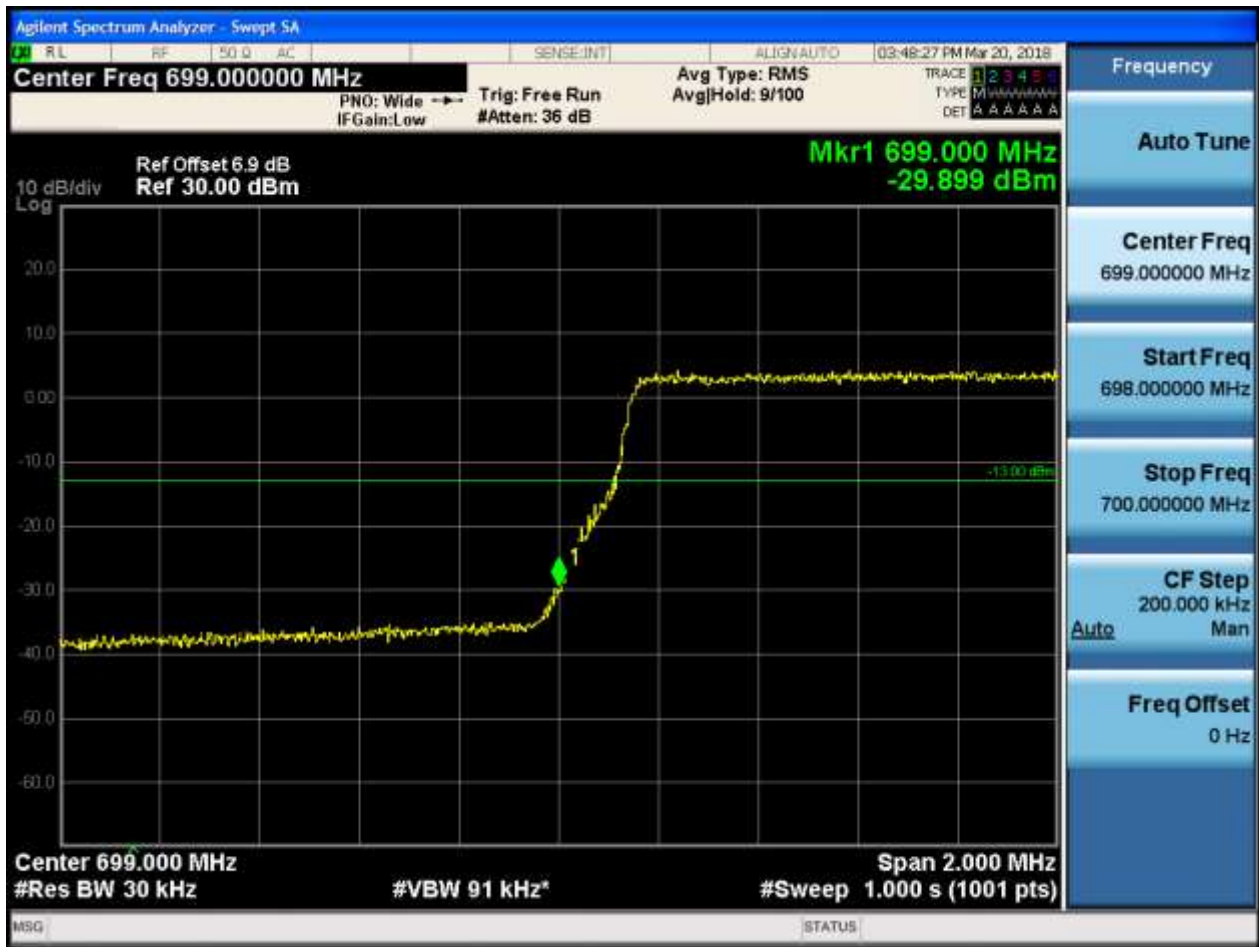


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0



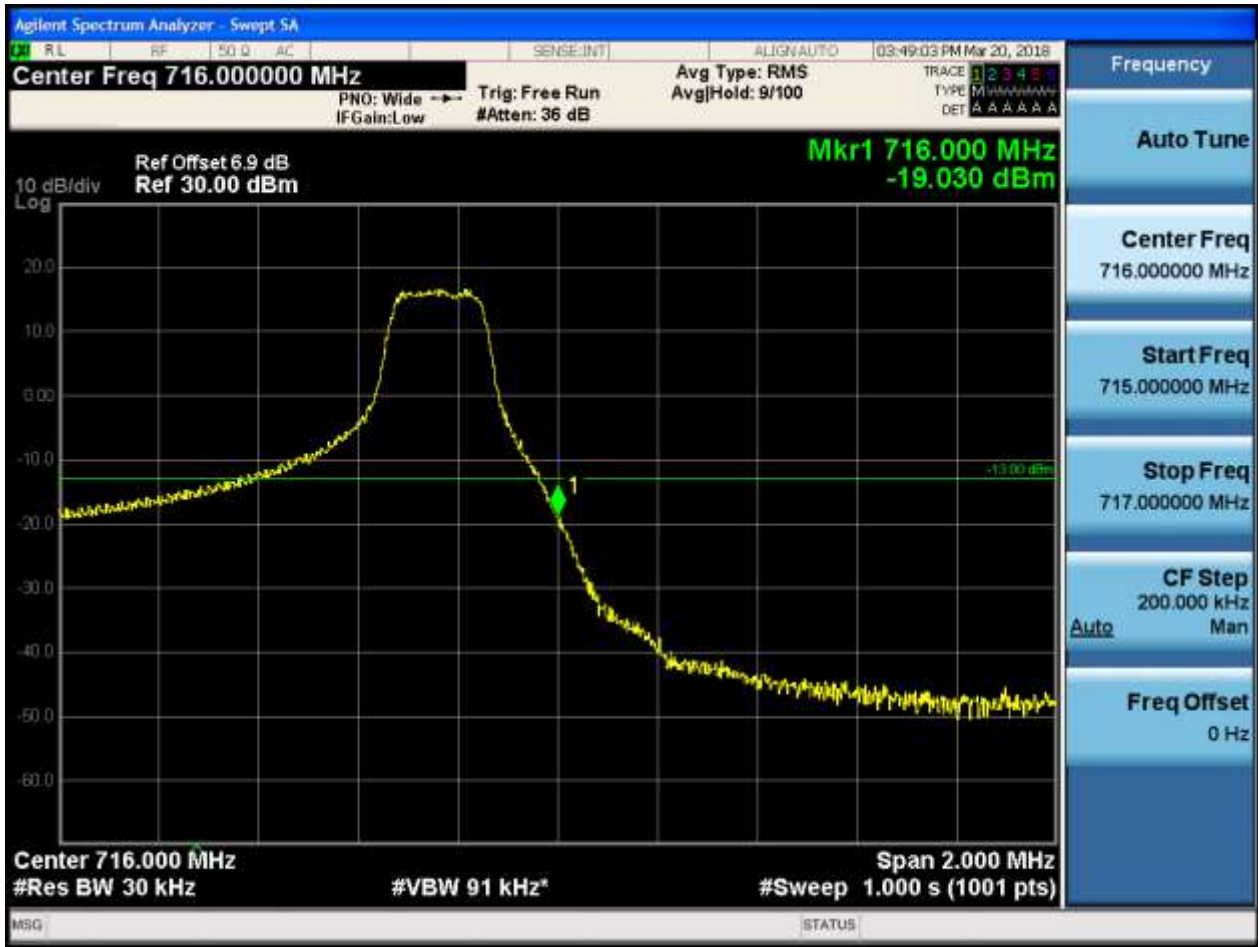
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





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 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

Center Freq 699.000000 MHz

Ref Offset 6.9 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 699.000 MHz
-35.060 dBm

Center 699.000 MHz
#Res BW 51 kHz

#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq
699.000000 MHz

Start Freq
698.000000 MHz

Stop Freq
700.000000 MHz

CF Step
200.000 kHz
Auto

Freq Offset
0 Hz

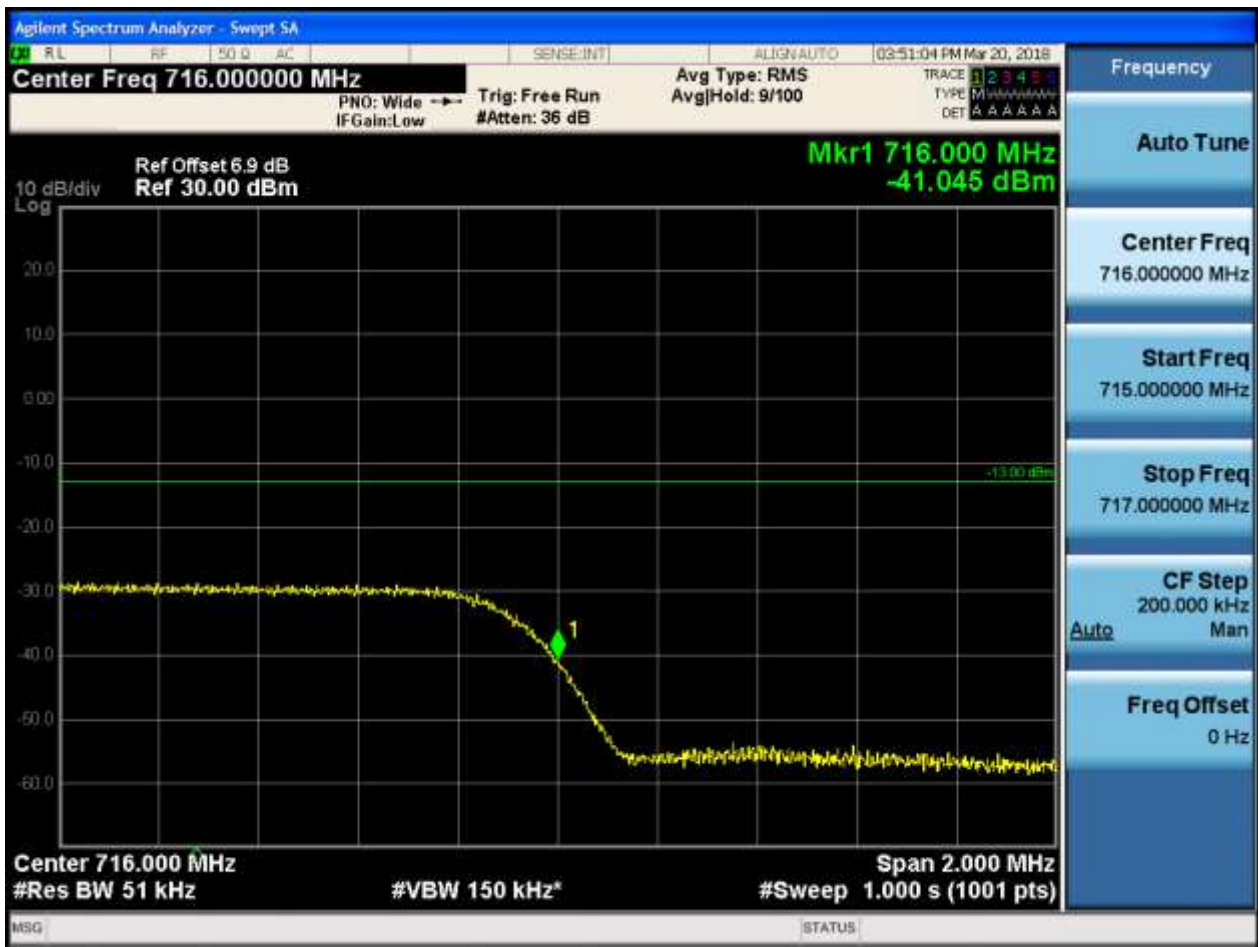


5.1.1.1.3.1.4 Test RB = RB25#0



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



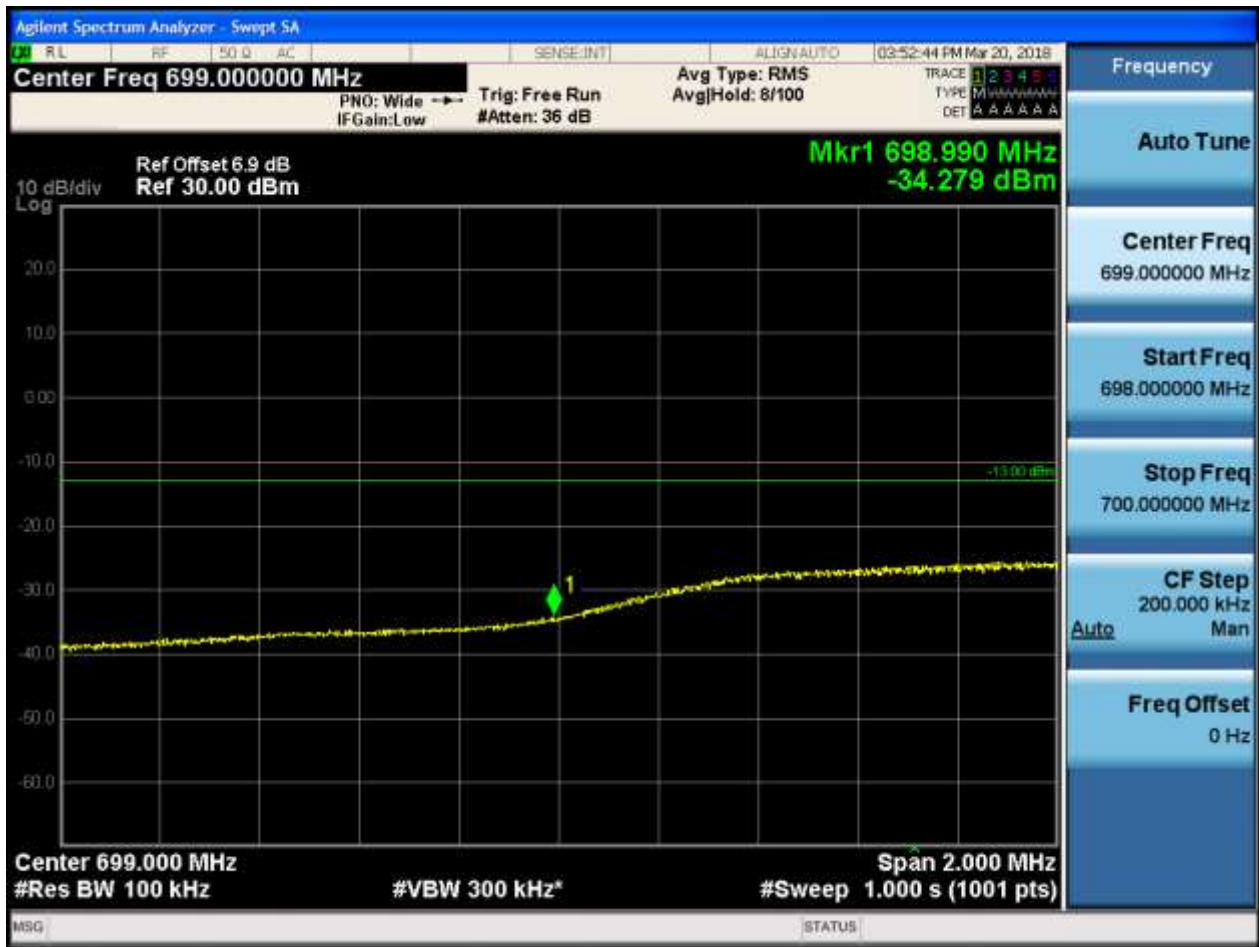


5.1.1.1.4.1.2 Test RB = RB1#49





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



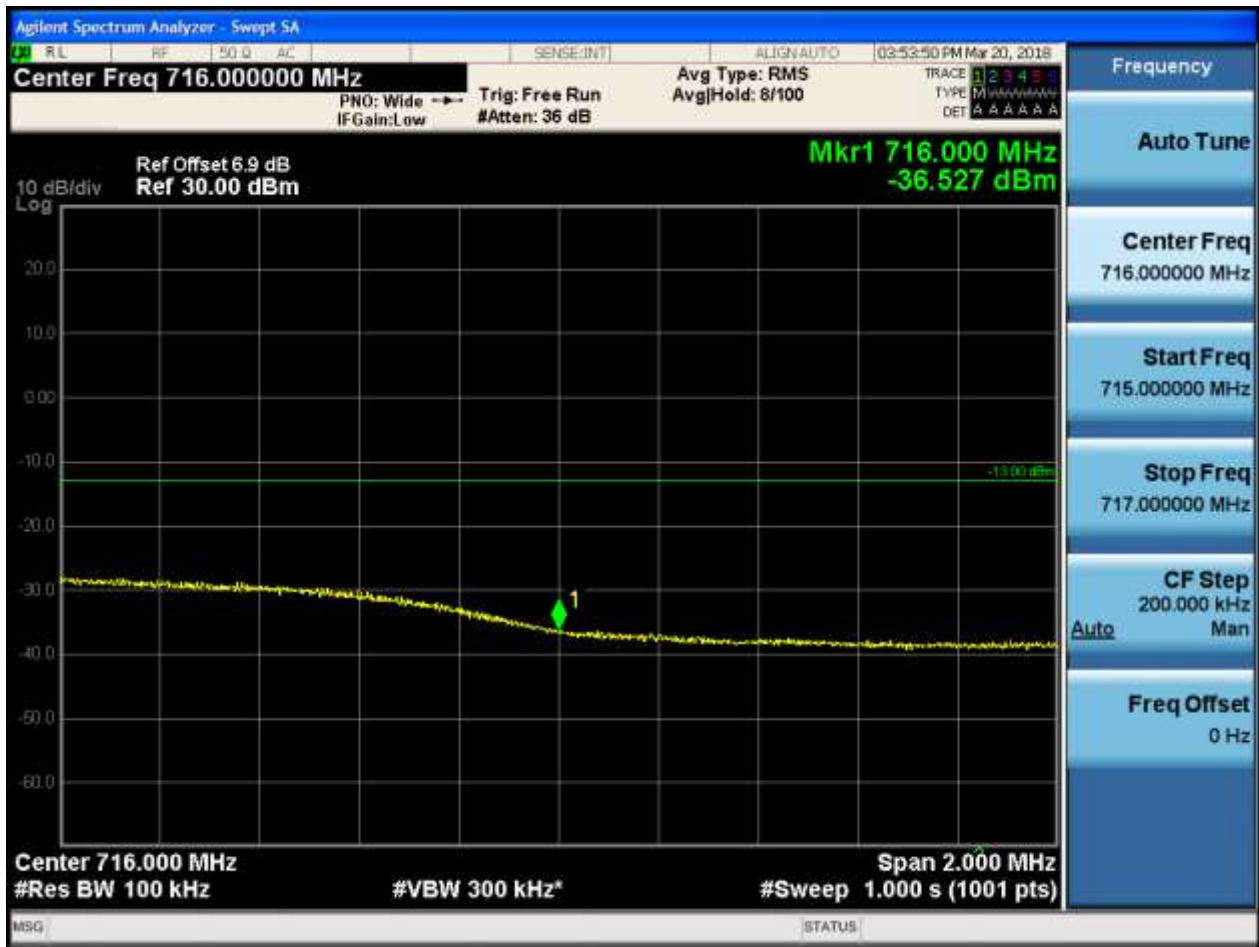


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



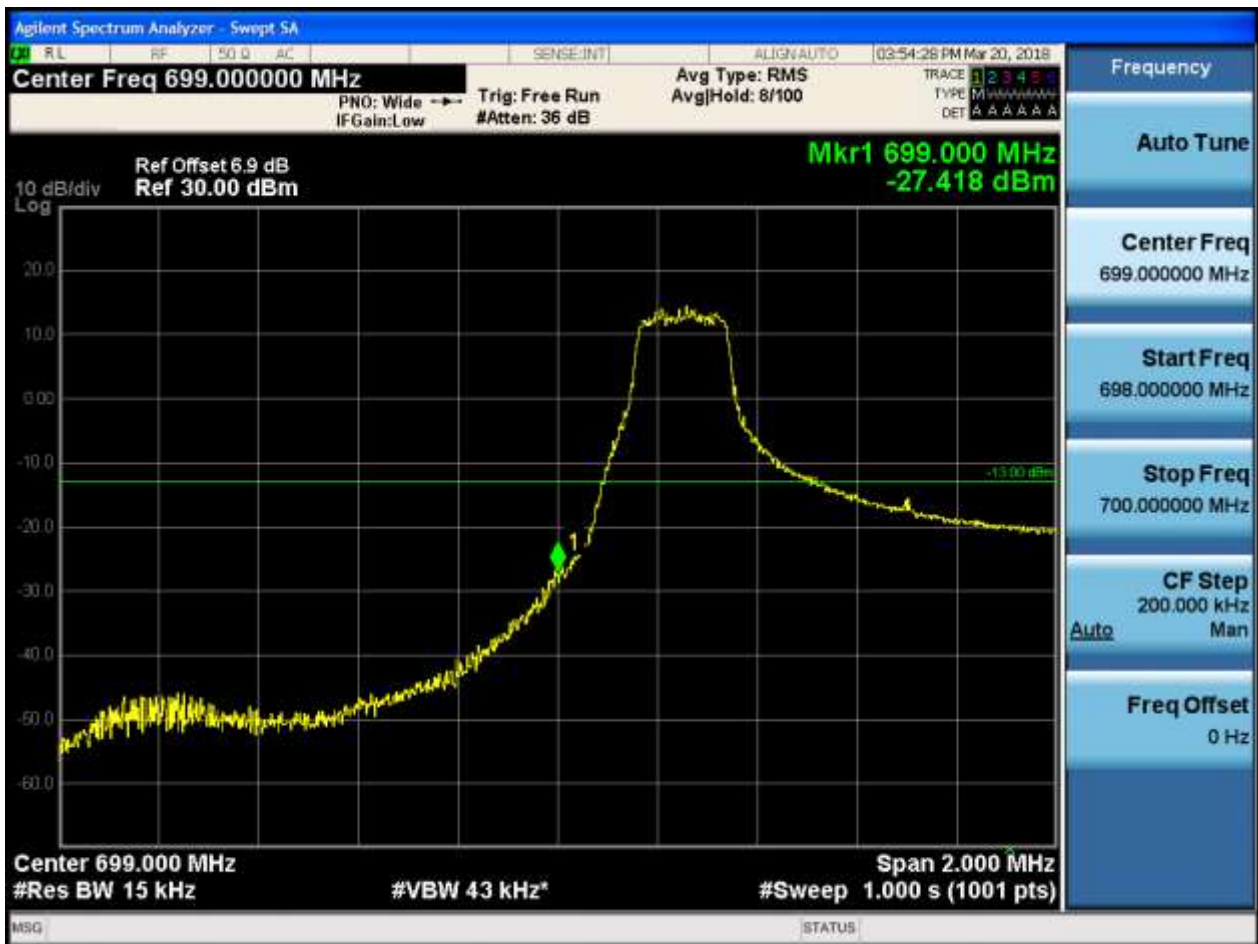


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

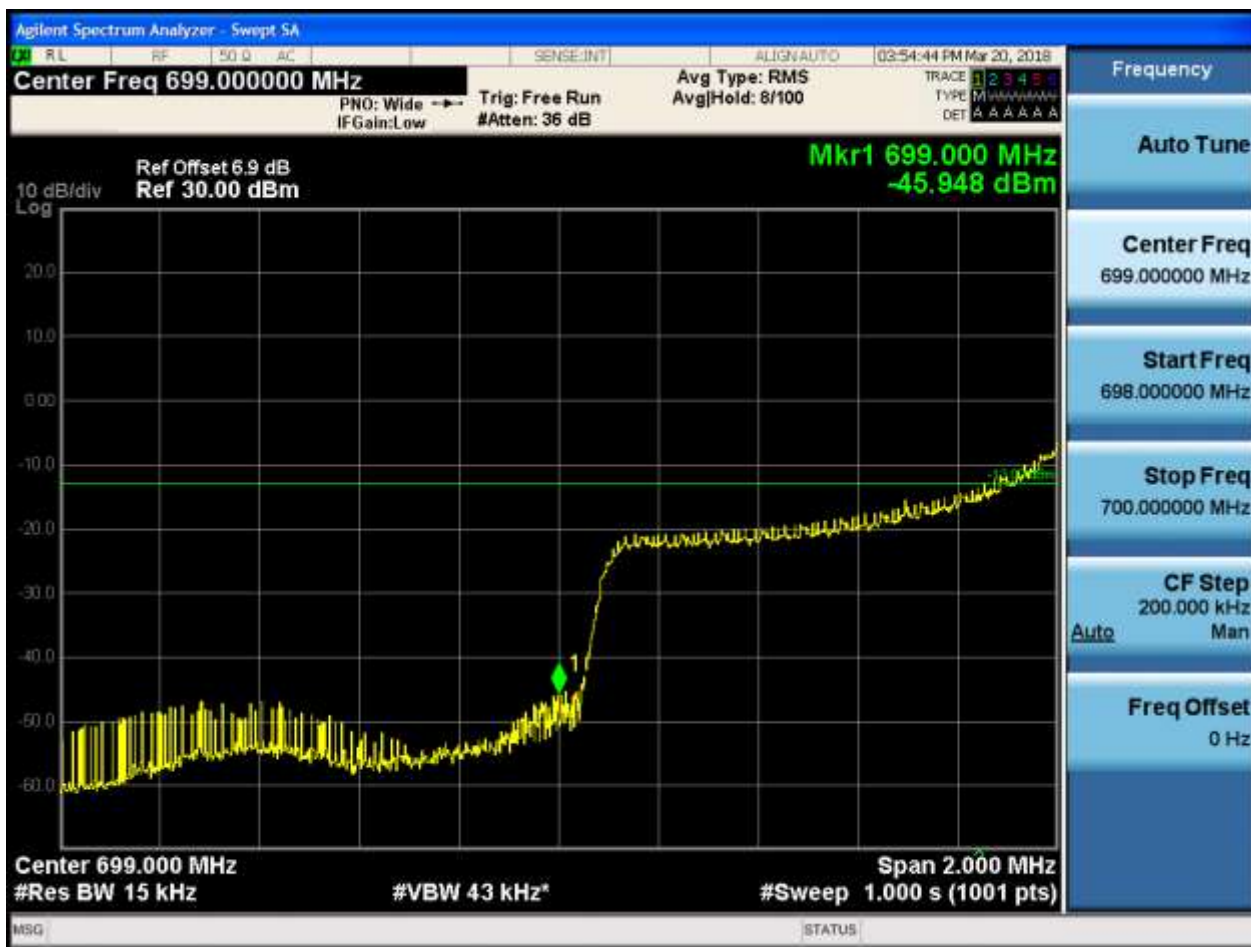
5.1.1.2.1.1 Test Channel = LCH

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





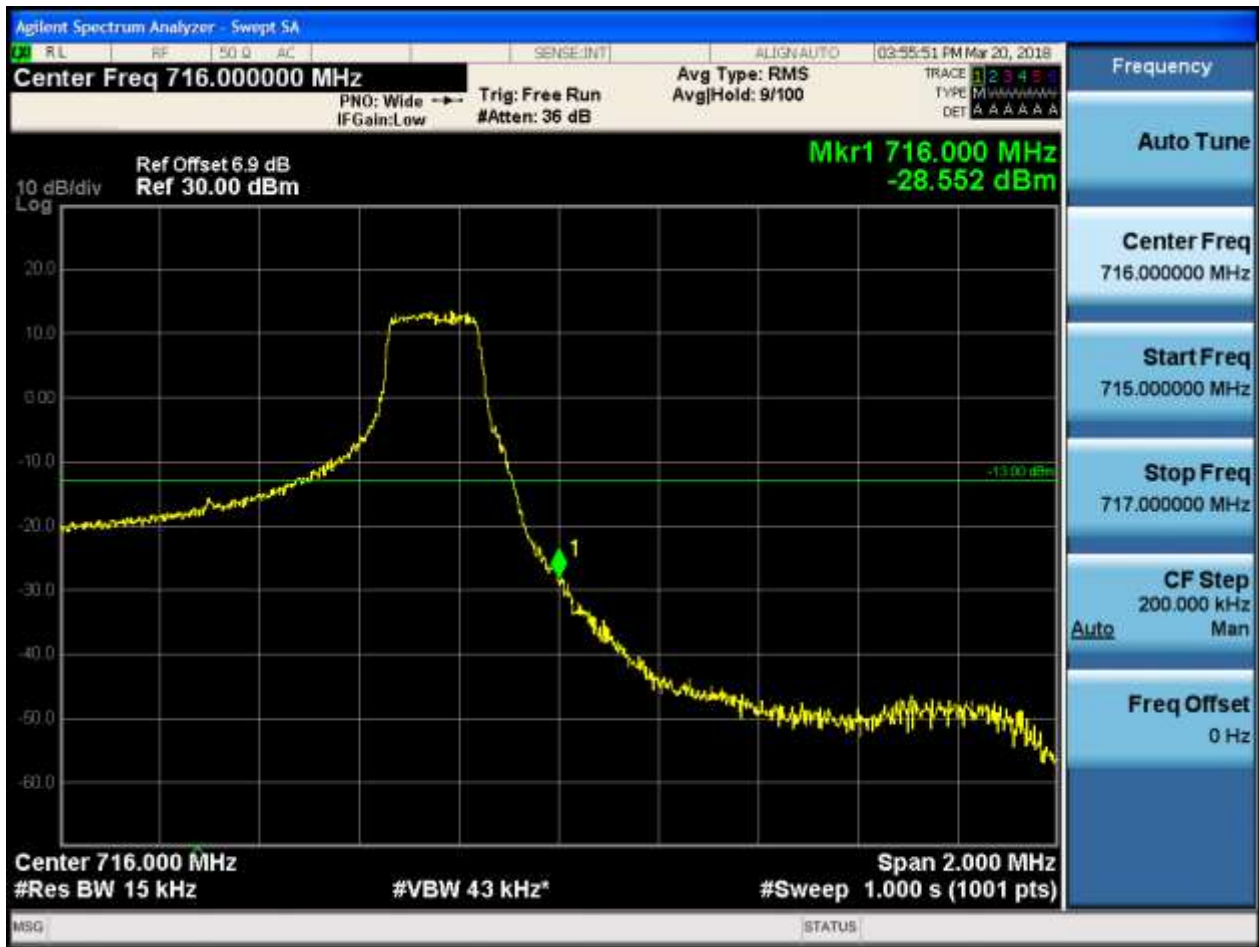
5.1.1.2.1.2 Test Channel = HCH

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

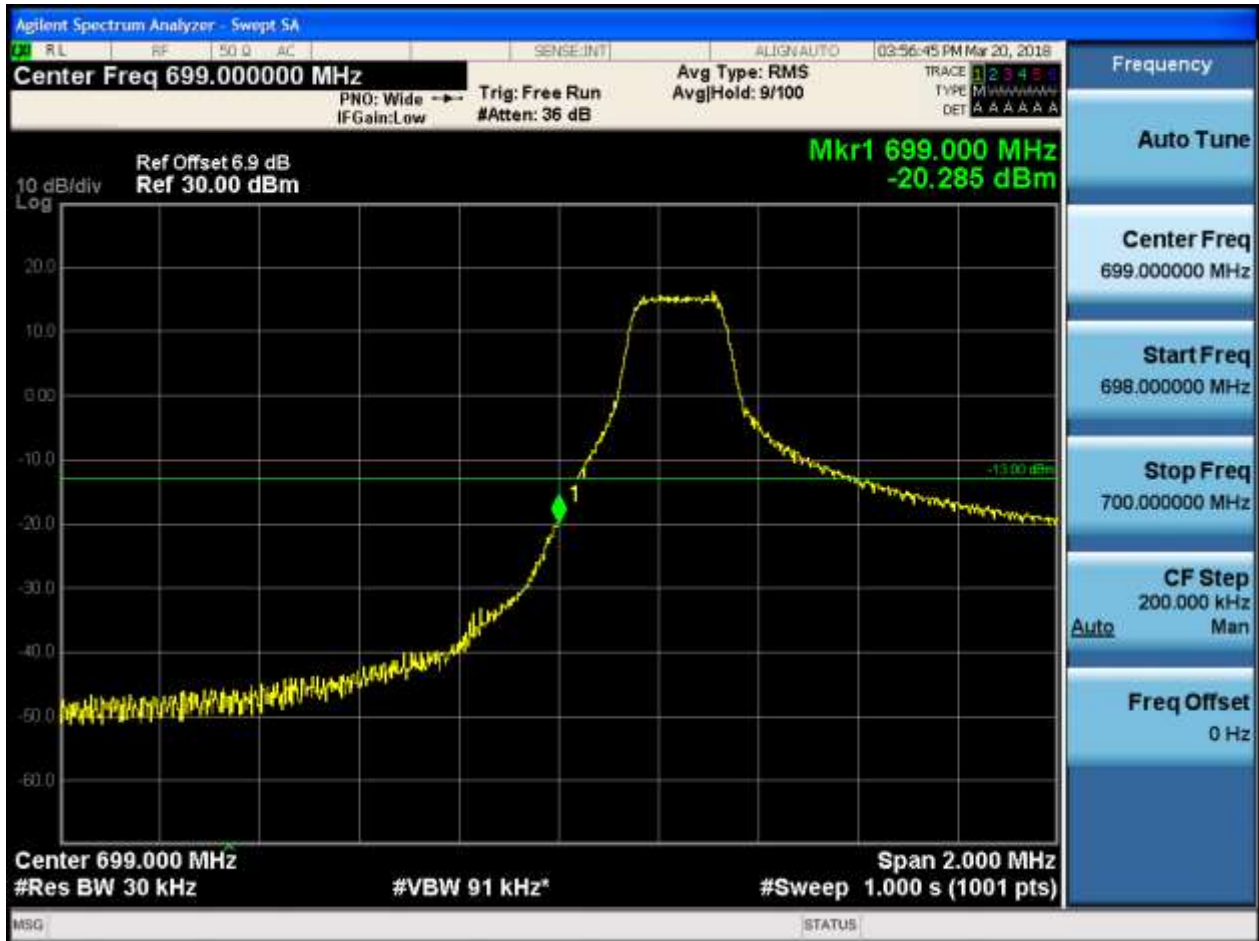




5.1.1.2.2 Test Bandwidth = 3

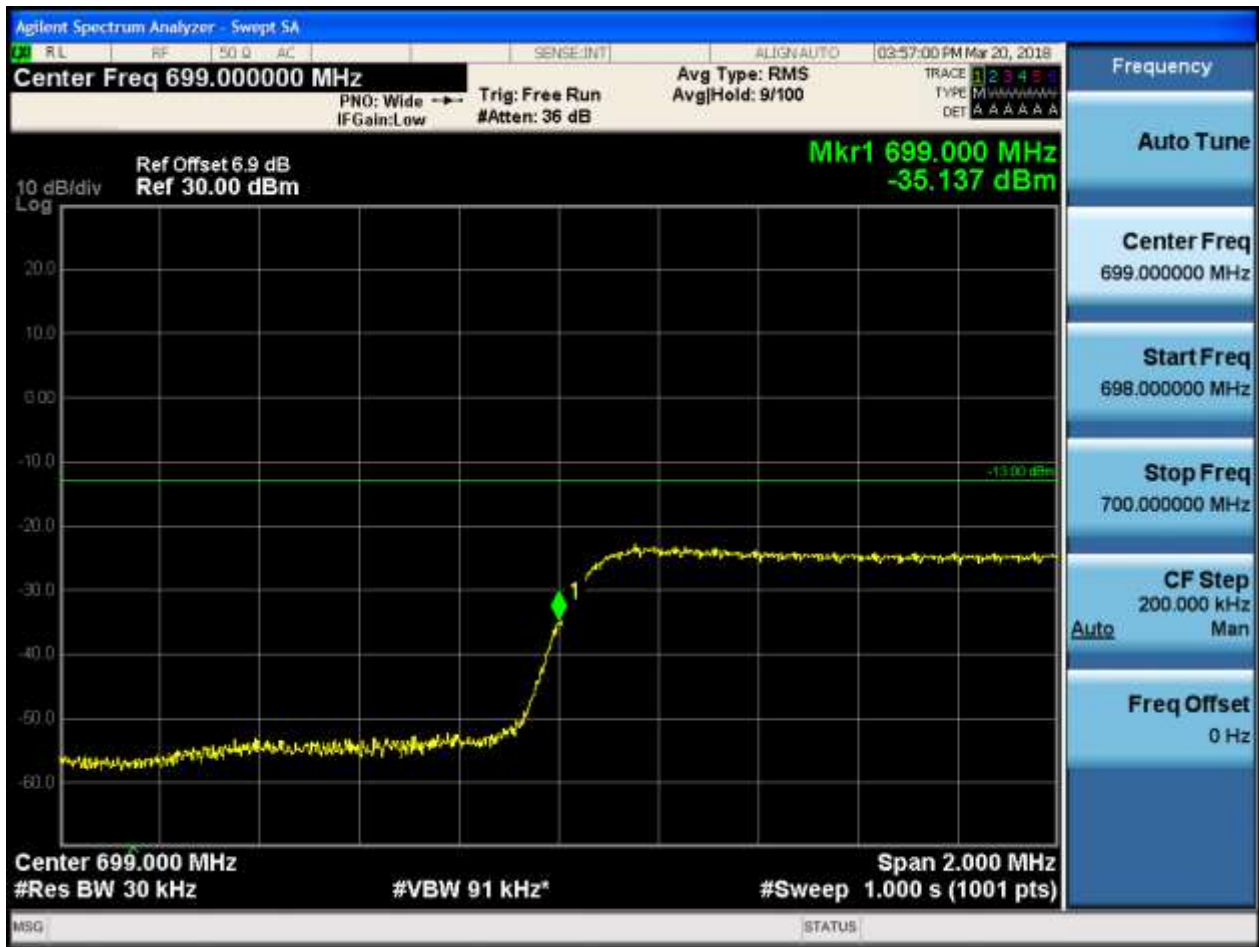
5.1.1.2.2.1 Test Channel = LCH

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





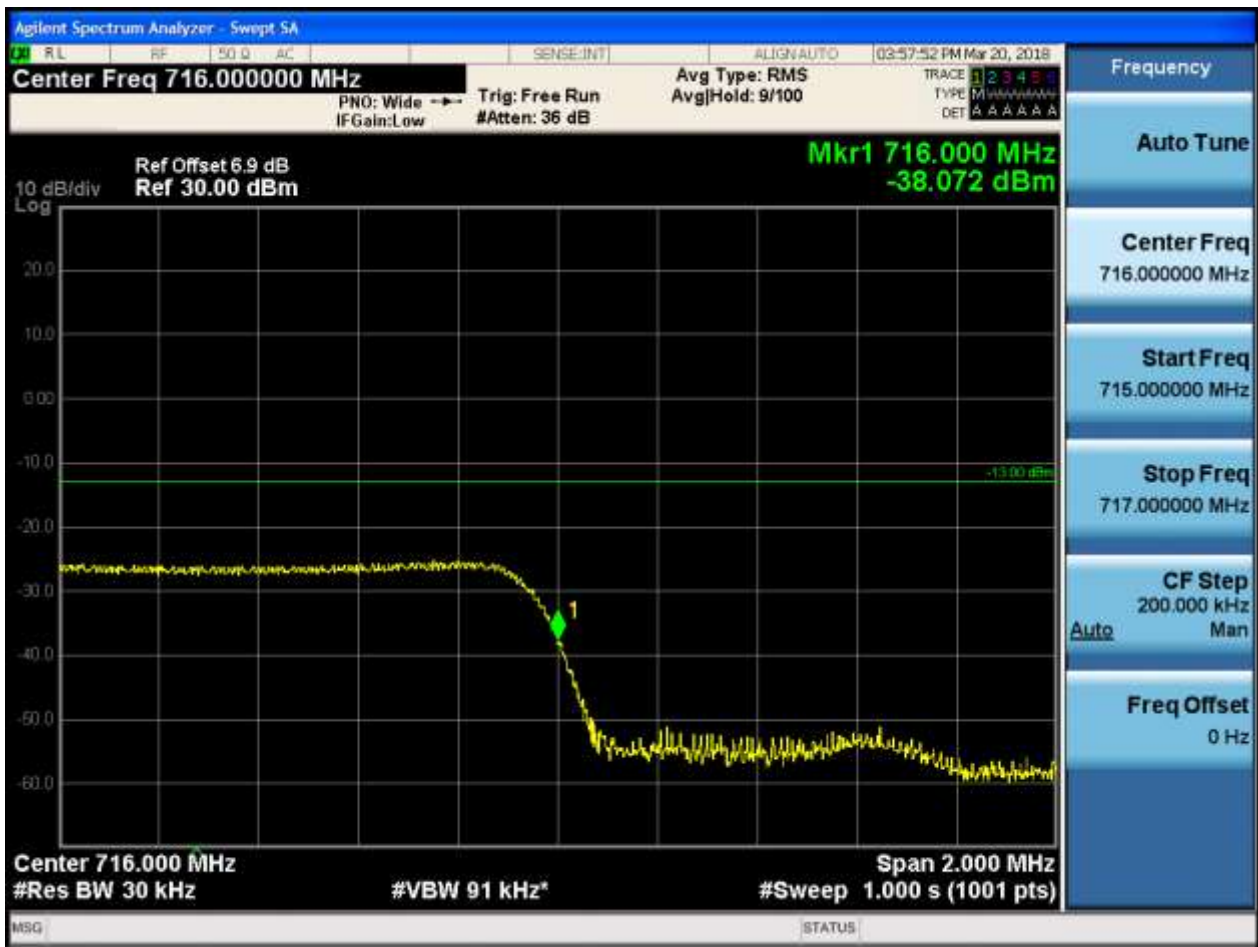
5.1.1.2.2.1.4 Test RB = RB15#0





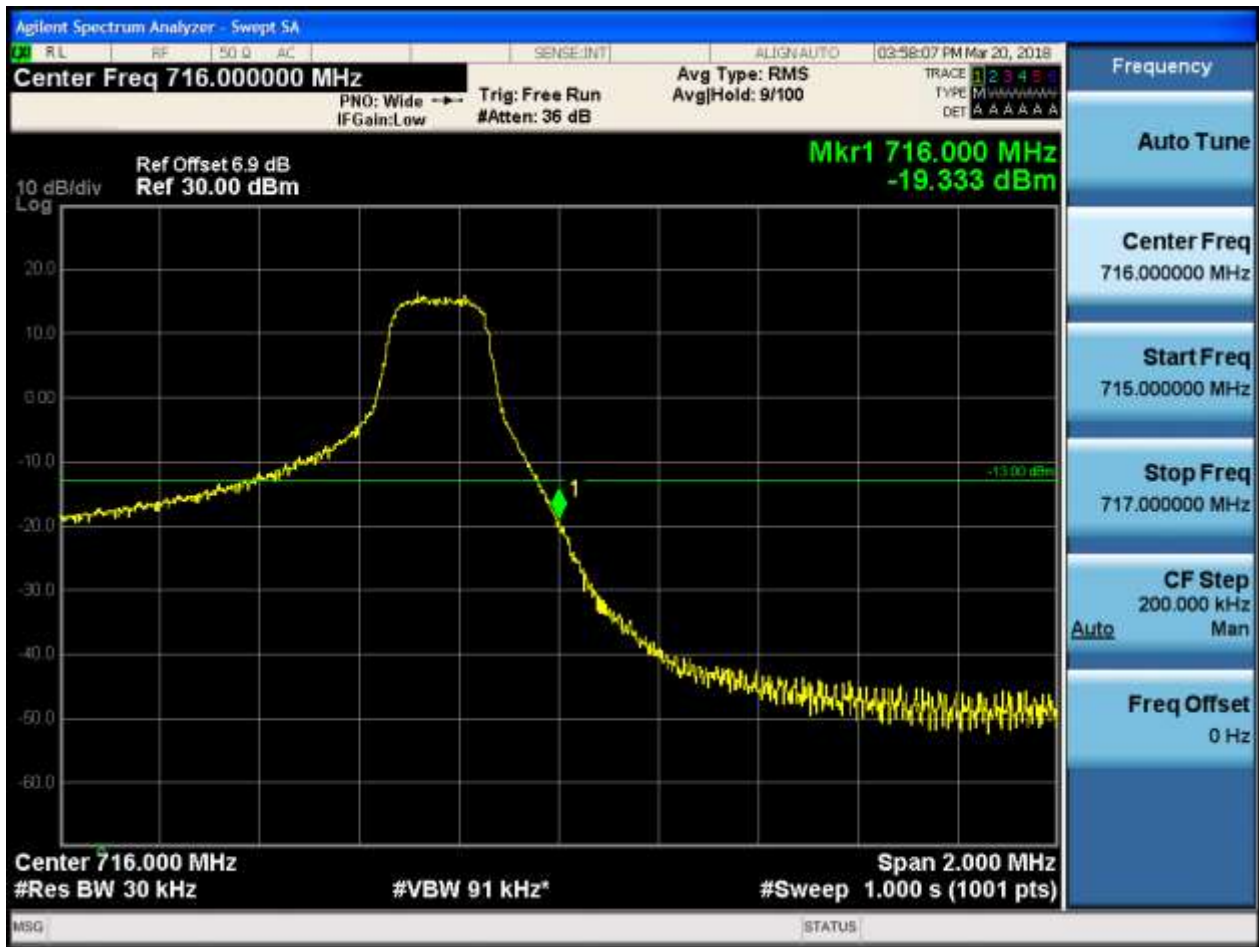
5.1.1.2.2.2 Test Channel = HCH

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

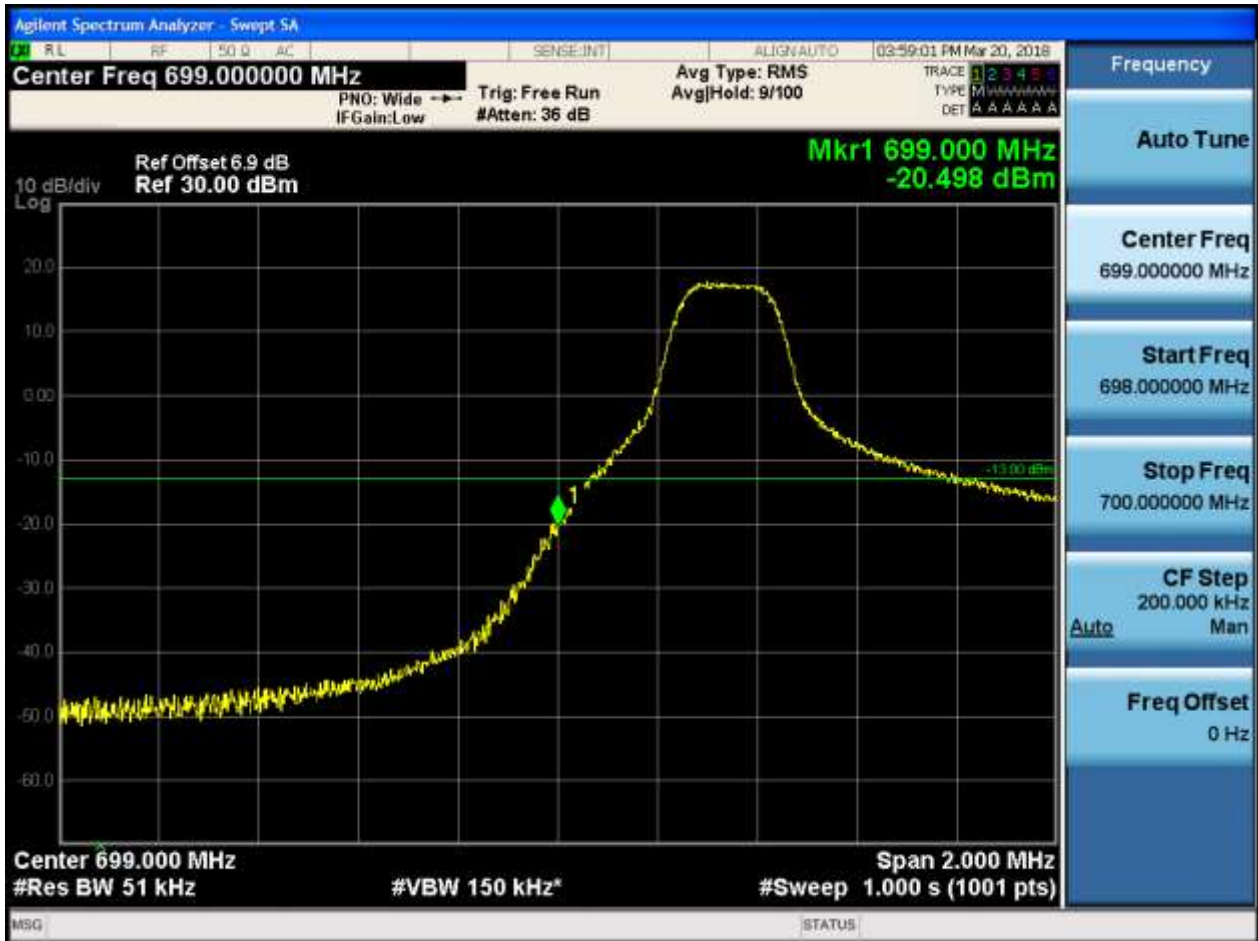




5.1.1.2.3 Test Bandwidth = 5

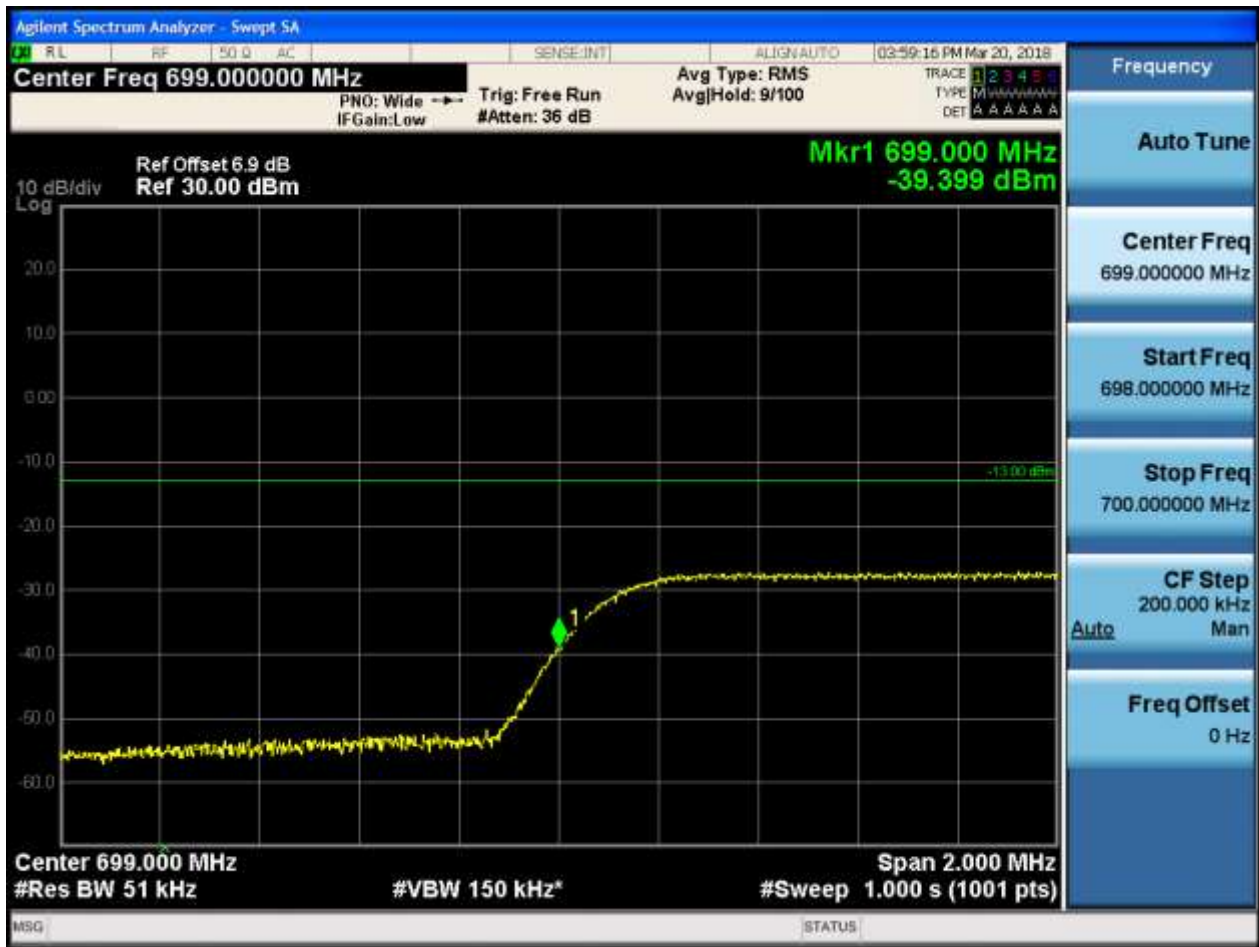
5.1.1.2.3.1 Test Channel = LCH

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

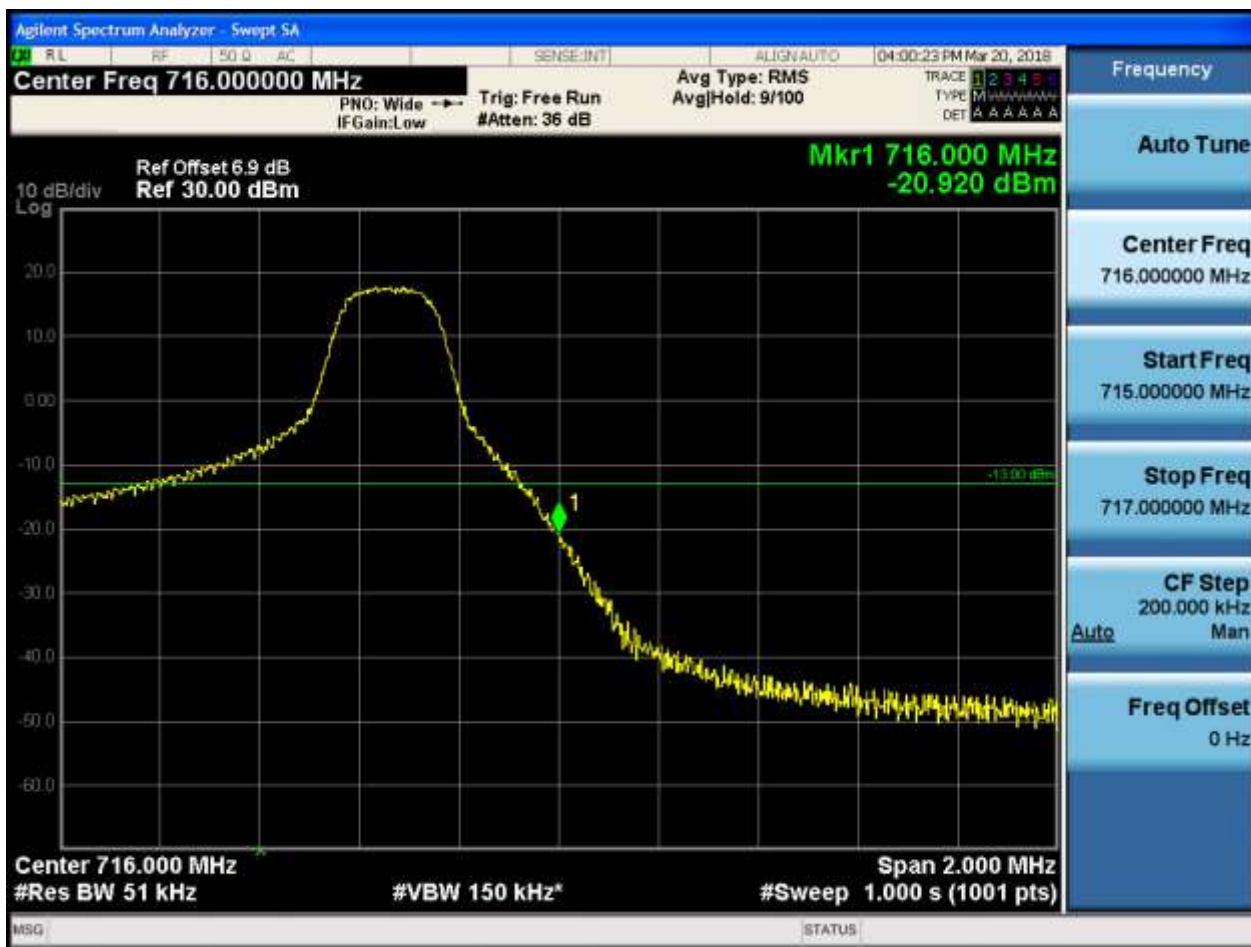


5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



5.1.1.2.3.2.2 Test RB = RB1#24





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





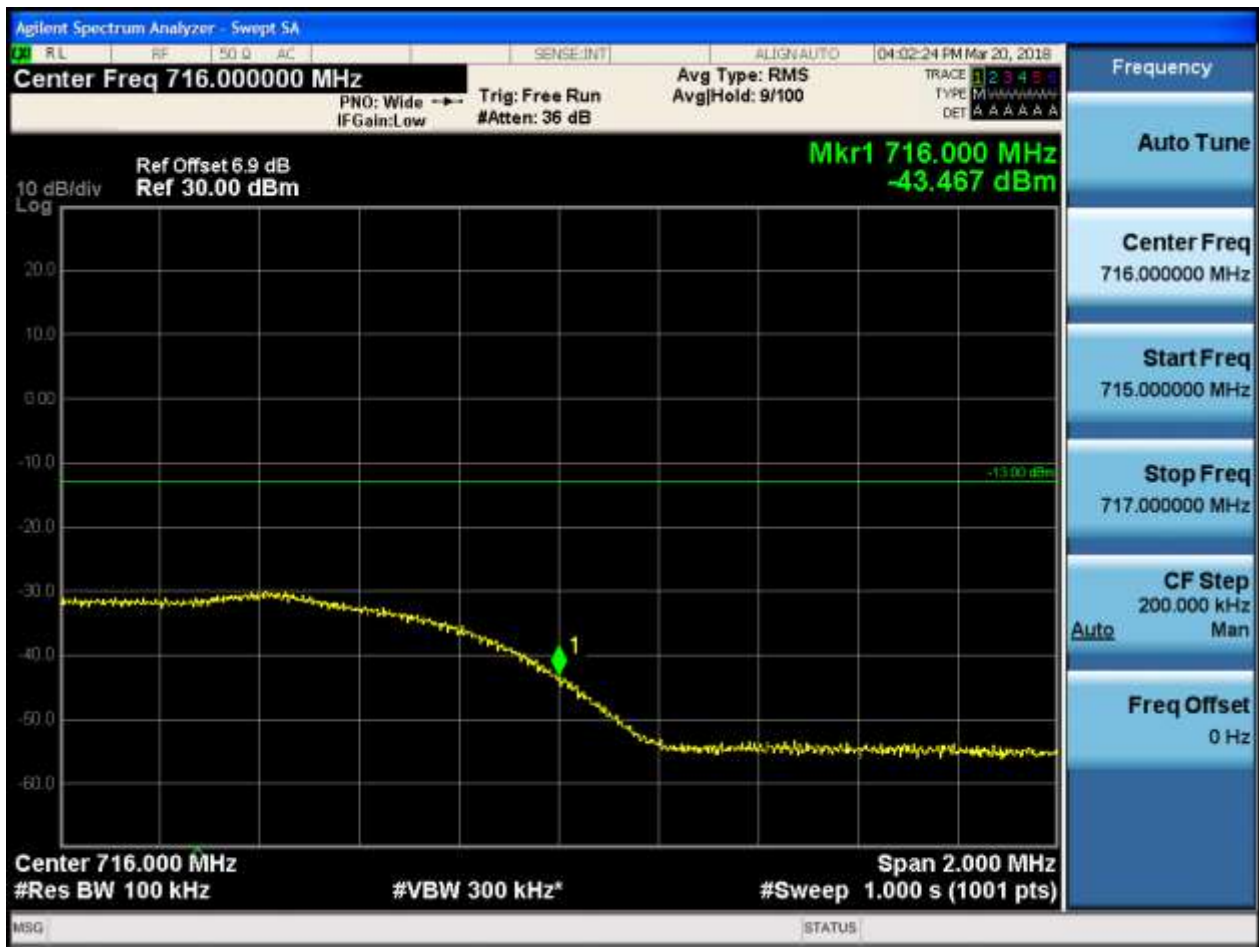
5.1.1.2.4.1.4 Test RB = RB50#0





5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



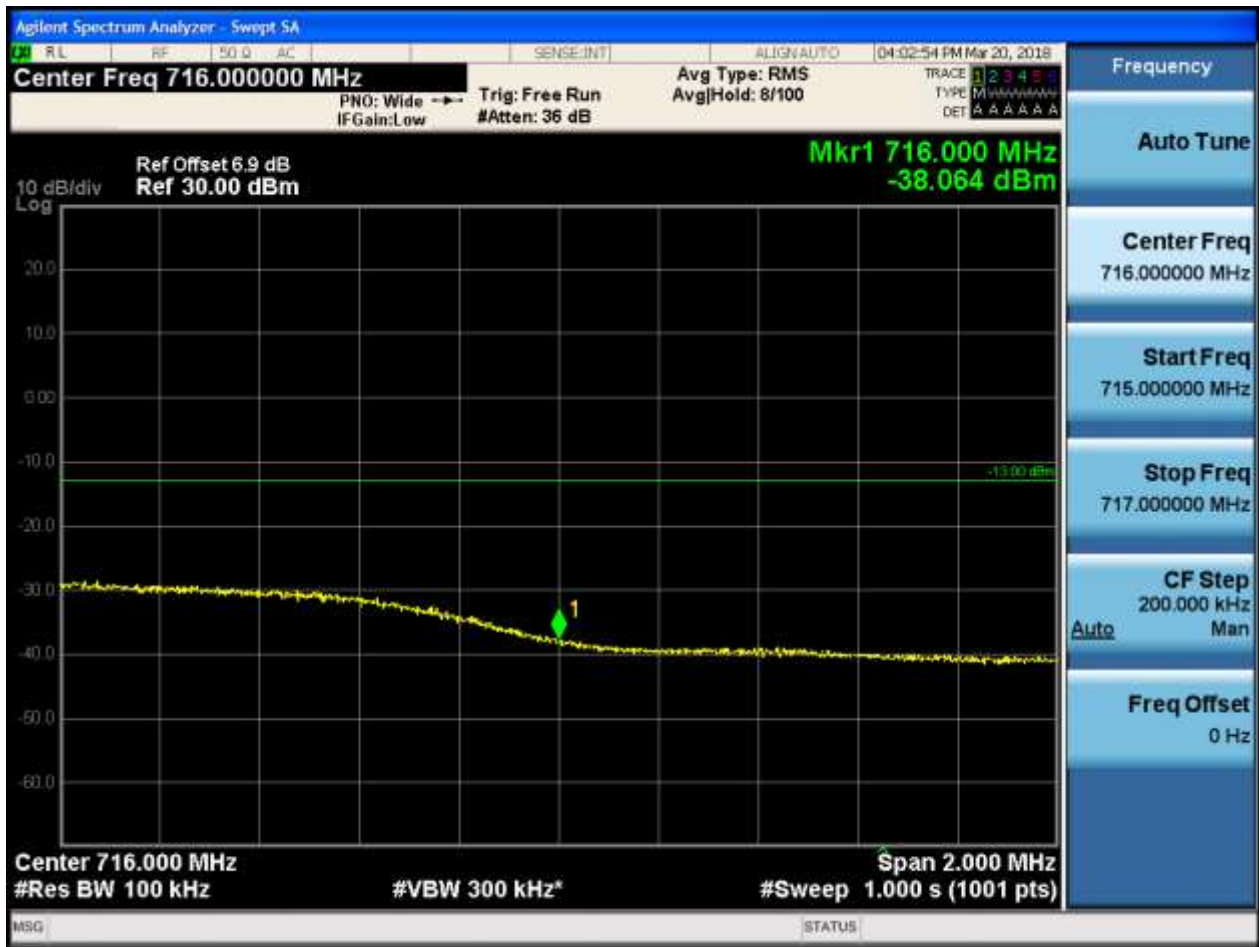


5.1.1.2.4.2.2 Test RB = RB1#49





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 $< \text{RBW}/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / \text{RBW})$ " 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

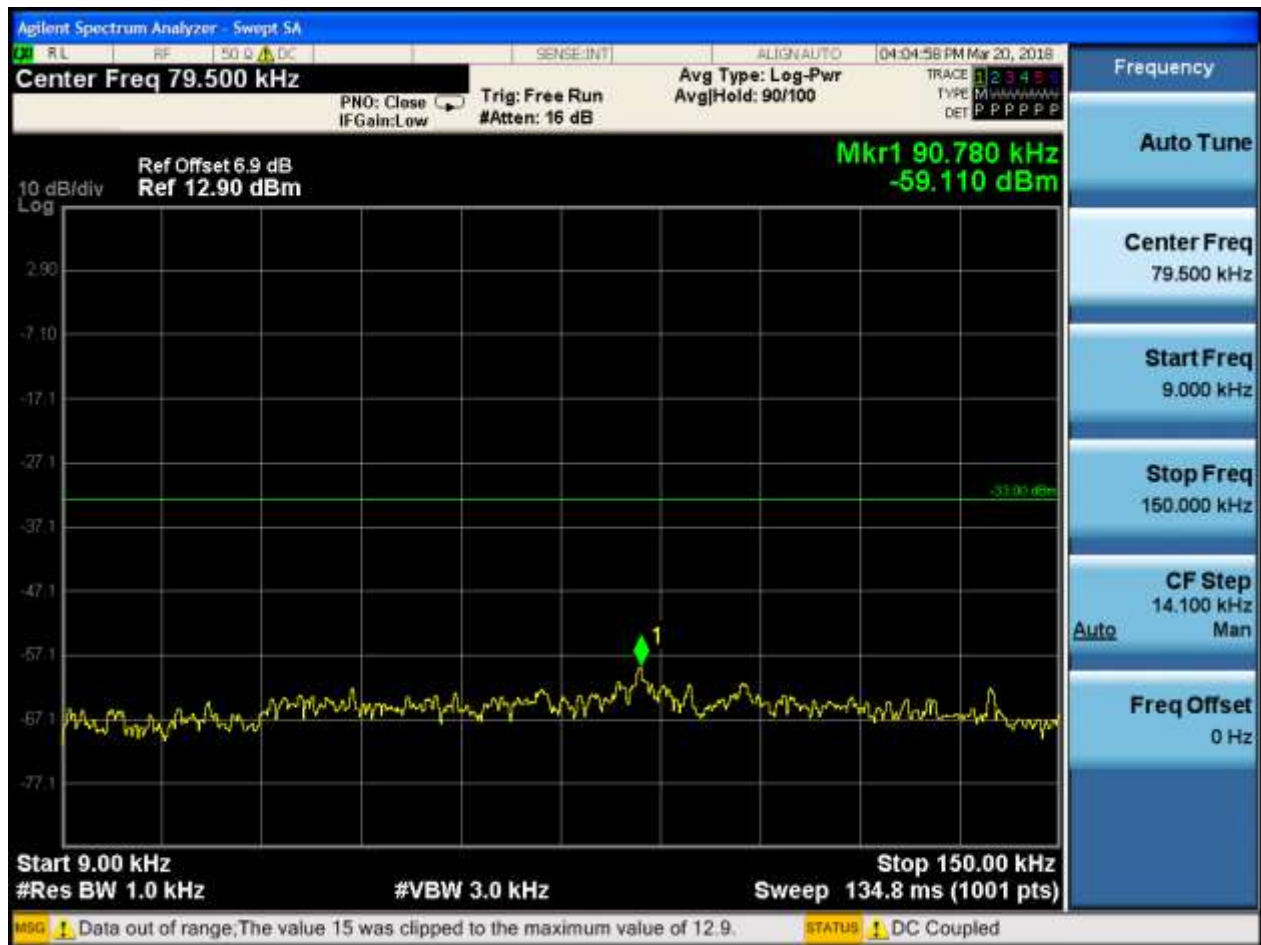
6.1.1 Test Band = BAND12

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



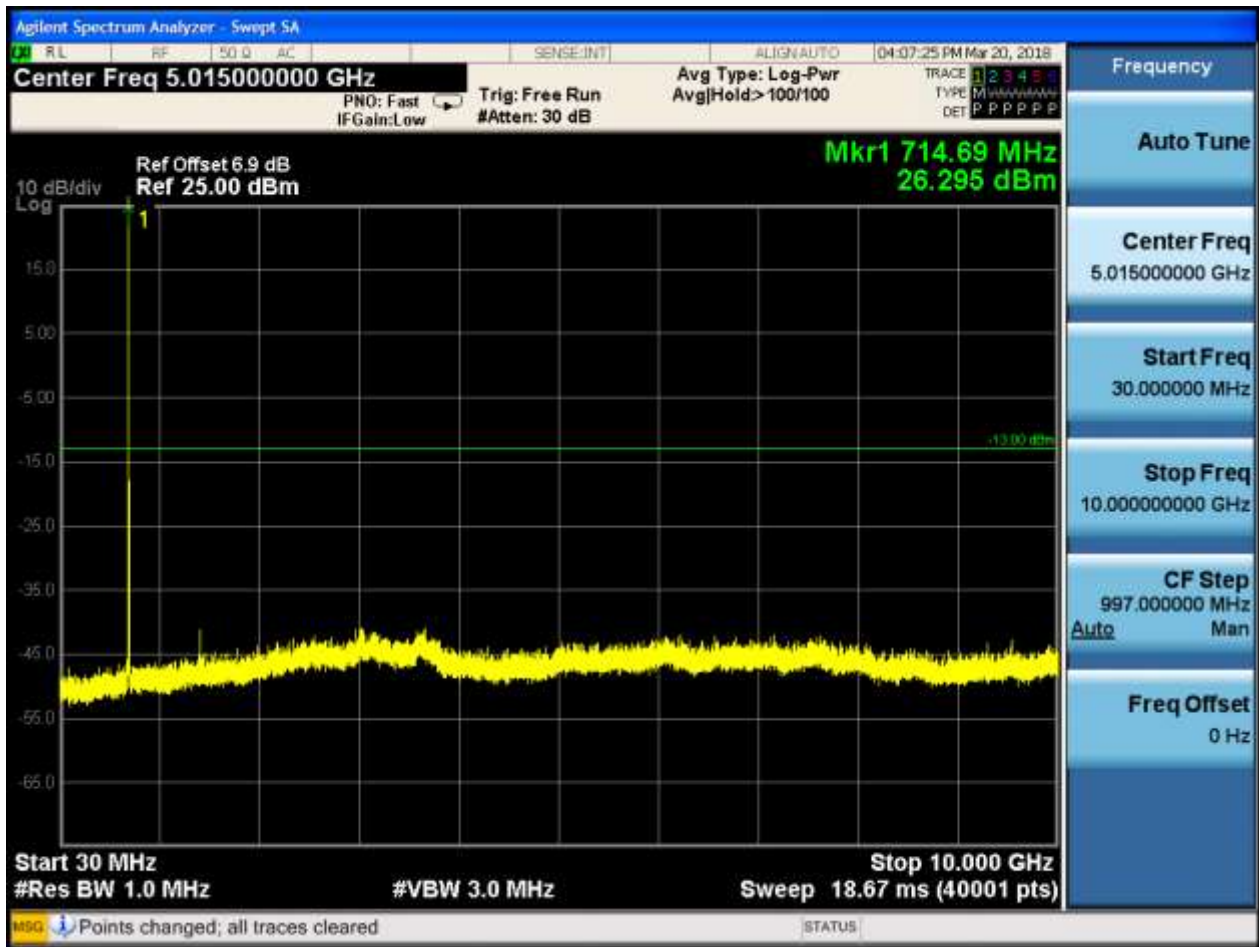


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





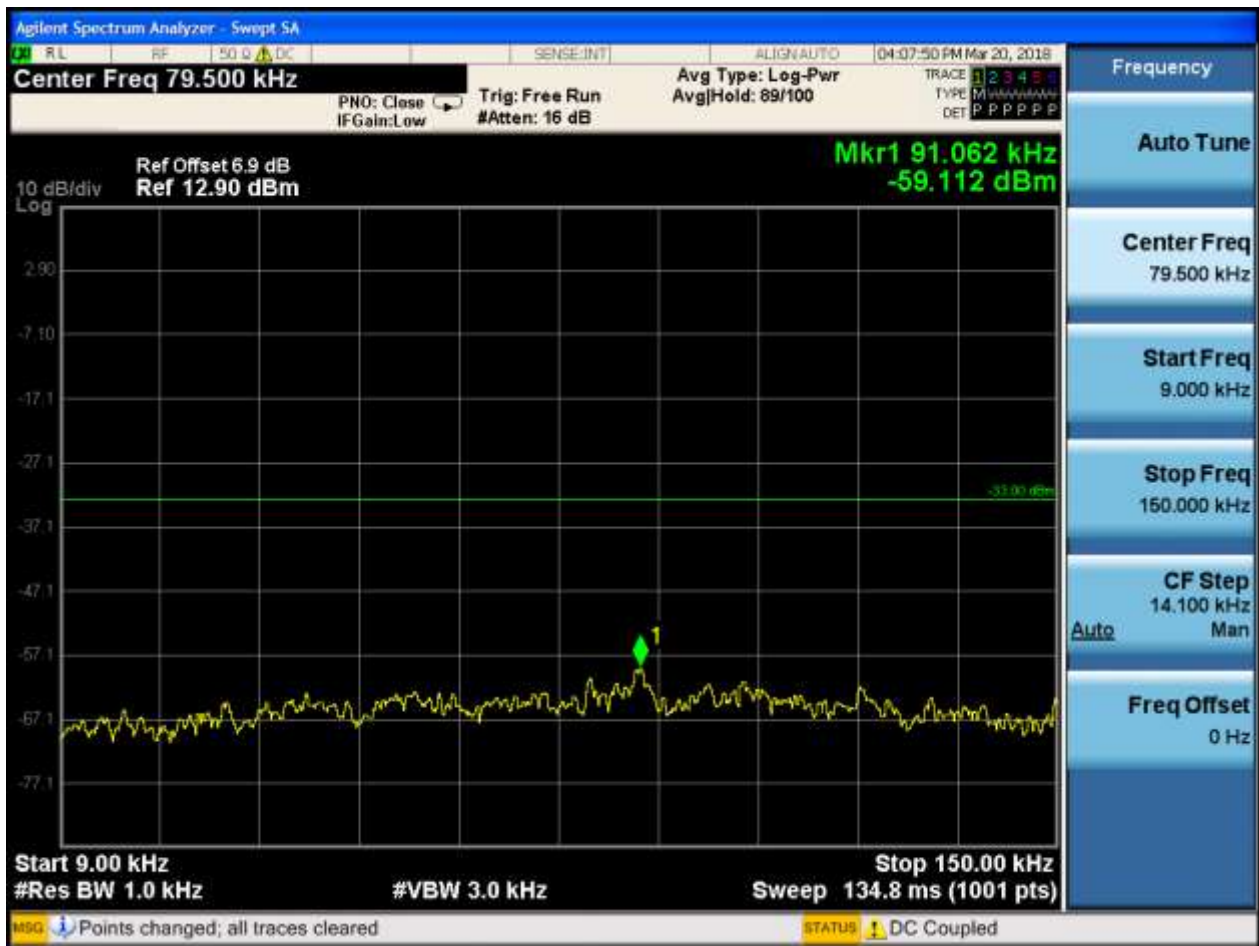




6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



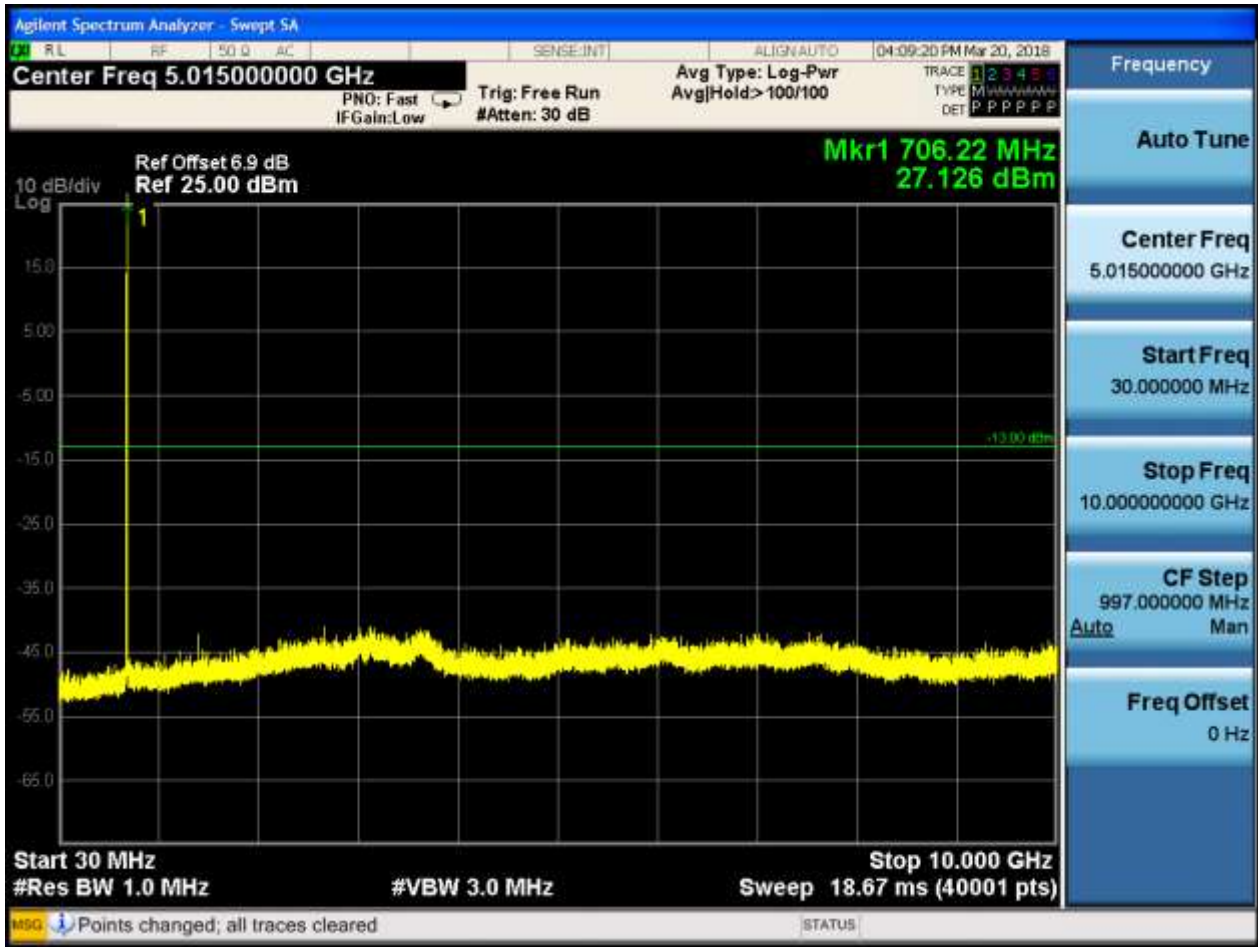




6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

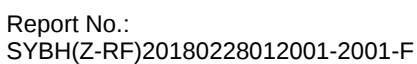




6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





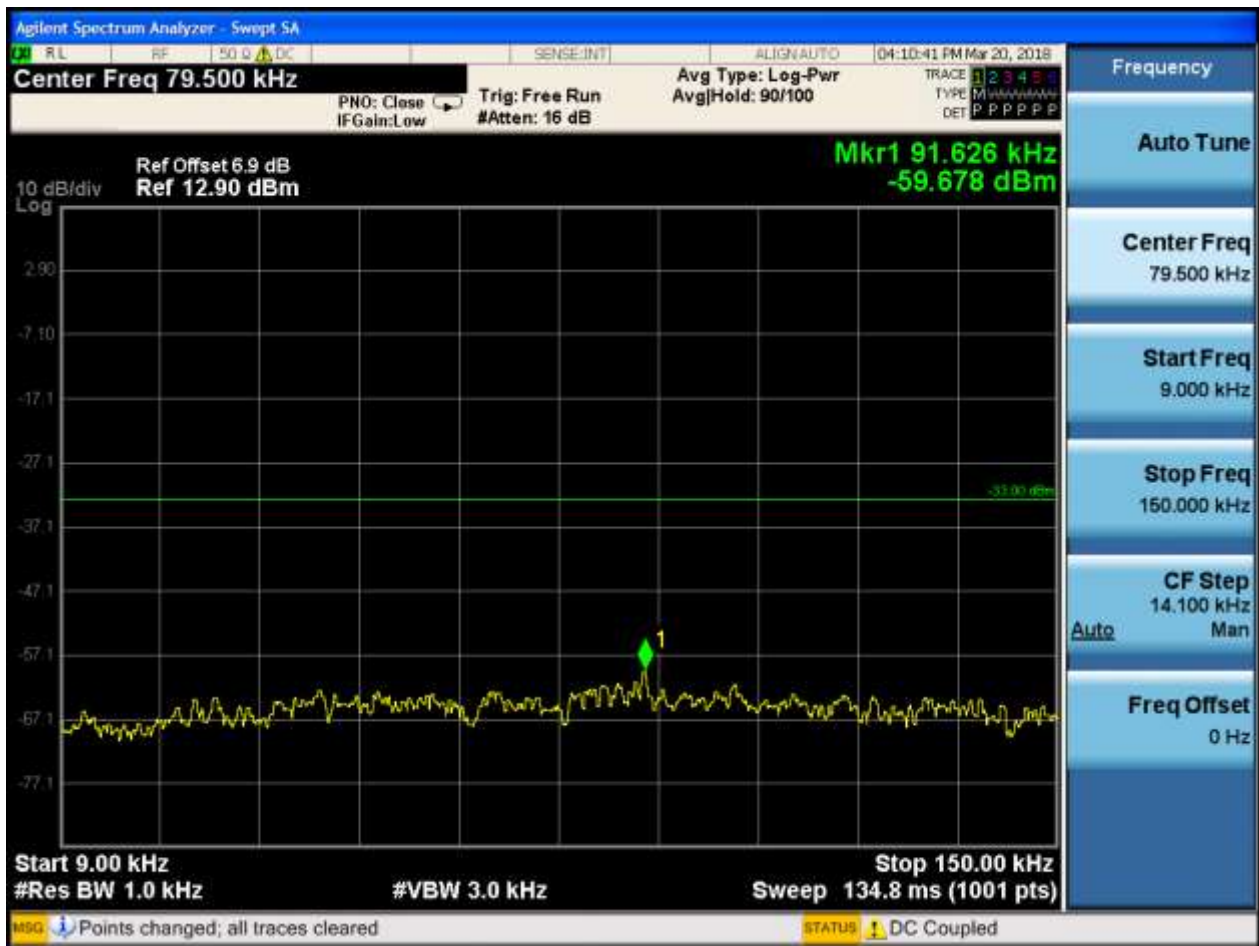




6.1.1.1.3 Test Bandwidth = 5

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0



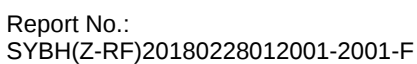




6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0





6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0









6.1.1.1.4 Test Bandwidth = 10

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0

