



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	Limit [dBm]	Verdict
BAND12	LTE/TM1	1.4	LCH	RB1#0	23.31	18.01	34.7	PASS
				RB1#3	22.92	17.60	34.7	PASS
				RB1#5	23.26	17.90	34.7	PASS
				RB3#0	23.09	17.95	34.7	PASS
				RB3#2	23.18	17.77	34.7	PASS
				RB3#3	23.36	18.14	34.7	PASS
				RB6#0	22.27	17.03	34.7	PASS
			MCH	RB1#0	23.2	17.89	34.7	PASS
				RB1#3	22.99	17.60	34.7	PASS
				RB1#5	23.15	17.93	34.7	PASS
				RB3#0	22.86	17.53	34.7	PASS
				RB3#2	22.97	17.80	34.7	PASS
				RB3#3	23.09	17.86	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB6#0	22.06	16.65	34.7	PASS
			HCH	RB1#0	23.32	17.98	34.7	PASS
				RB1#3	22.84	17.59	34.7	PASS
				RB1#5	23.47	18.30	34.7	PASS
				RB3#0	23.16	17.97	34.7	PASS
				RB3#2	22.69	17.41	34.7	PASS
				RB3#3	23.1	17.81	34.7	PASS
				RB6#0	21.9	16.61	34.7	PASS
		3	LCH	RB1#0	23.29	18.07	34.7	PASS
				RB1#7	22.34	17.04	34.7	PASS
				RB1#14	23.25	17.92	34.7	PASS
				RB8#0	22.23	16.86	34.7	PASS
				RB8#4	22.33	16.94	34.7	PASS
				RB8#7	22.21	17.04	34.7	PASS
				RB15#0	22.21	16.87	34.7	PASS
			MCH	RB1#0	23.1	17.90	34.7	PASS
				RB1#7	22.81	17.67	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB1#14	23.17	17.87	34.7	PASS
				RB8#0	22.04	16.63	34.7	PASS
				RB8#4	21.99	16.62	34.7	PASS
				RB8#7	21.93	16.57	34.7	PASS
				RB15#0	22.15	16.84	34.7	PASS
			HCH	RB1#0	23.2	17.87	34.7	PASS
				RB1#7	22.57	17.22	34.7	PASS
				RB1#14	23.21	18.01	34.7	PASS
				RB8#0	22.1	16.74	34.7	PASS
				RB8#4	22.14	16.93	34.7	PASS
				RB8#7	22.06	16.63	34.7	PASS
				RB15#0	22.23	17.05	34.7	PASS
		5	LCH	RB1#0	23.2	17.90	34.7	PASS
				RB1#13	23.2	17.80	34.7	PASS
				RB1#24	23.17	18.01	34.7	PASS
				RB12#0	22.3	17.04	34.7	PASS
				RB12#6	22.17	16.78	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB12#13	22.28	16.94	34.7	PASS
				RB25#0	22.2	17.04	34.7	PASS
			MCH	RB1#0	23.16	17.88	34.7	PASS
				RB1#13	22.96	17.54	34.7	PASS
				RB1#24	23.12	17.96	34.7	PASS
				RB12#0	22.15	16.77	34.7	PASS
				RB12#6	22.02	16.64	34.7	PASS
				RB12#13	22.15	16.84	34.7	PASS
				RB25#0	22.02	16.63	34.7	PASS
			HCH	RB1#0	23.24	18.09	34.7	PASS
				RB1#13	23.2	17.95	34.7	PASS
				RB1#24	23.18	17.84	34.7	PASS
				RB12#0	22.19	16.82	34.7	PASS
				RB12#6	22.16	16.88	34.7	PASS
				RB12#13	22.14	16.72	34.7	PASS
				RB25#0	22.12	16.69	34.7	PASS
		10	LCH	RB1#0	23.2	17.89	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB1#25	23.11	17.69	34.7	PASS
				RB1#49	23.08	17.77	34.7	PASS
				RB25#0	22.22	16.92	34.7	PASS
				RB25#13	22.26	17.11	34.7	PASS
				RB25#25	22.15	16.89	34.7	PASS
				RB50#0	22.26	17.02	34.7	PASS
			MCH	RB1#0	23.16	17.76	34.7	PASS
				RB1#25	22.94	17.71	34.7	PASS
				RB1#49	23.12	17.78	34.7	PASS
				RB25#0	22.23	17.02	34.7	PASS
				RB25#13	22.02	16.73	34.7	PASS
				RB25#25	22.12	16.82	34.7	PASS
				RB50#0	22.09	16.76	34.7	PASS
			HCH	RB1#0	23.16	17.91	34.7	PASS
				RB1#25	23.2	18.04	34.7	PASS
				RB1#49	23.19	18.06	34.7	PASS
				RB25#0	22.14	16.78	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB25#13	22.21	16.98	34.7	PASS
				RB25#25	22.19	16.78	34.7	PASS
				RB50#0	22.23	16.86	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.55	17.26	34.7	PASS
				RB1#3	22.11	16.91	34.7	PASS
				RB1#5	22.53	17.31	34.7	PASS
				RB3#0	22.23	16.90	34.7	PASS
				RB3#2	22.13	16.75	34.7	PASS
				RB3#3	22.37	17.08	34.7	PASS
				RB6#0	21.23	16.09	34.7	PASS
			MCH	RB1#0	22.25	16.99	34.7	PASS
				RB1#3	22.38	17.23	34.7	PASS
				RB1#5	22.25	17.05	34.7	PASS
				RB3#0	21.84	16.62	34.7	PASS
				RB3#2	22.05	16.86	34.7	PASS
				RB3#3	22.01	16.84	34.7	PASS
				RB6#0	20.92	15.76	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
			HCH	RB1#0	22.12	16.75	34.7	PASS
				RB1#3	21.8	16.47	34.7	PASS
				RB1#5	22.1	16.77	34.7	PASS
				RB3#0	22.03	16.69	34.7	PASS
				RB3#2	21.66	16.29	34.7	PASS
				RB3#3	22.28	16.97	34.7	PASS
				RB6#0	21.03	15.81	34.7	PASS
		3	LCH	RB1#0	22.07	16.86	34.7	PASS
				RB1#7	21.5	16.22	34.7	PASS
				RB1#14	22.43	17.06	34.7	PASS
				RB8#0	21.21	15.87	34.7	PASS
				RB8#4	21.25	15.96	34.7	PASS
				RB8#7	21.31	15.99	34.7	PASS
				RB15#0	21.18	15.90	34.7	PASS
			MCH	RB1#0	22.12	16.73	34.7	PASS
				RB1#7	21.06	15.85	34.7	PASS
				RB1#14	22.1	16.74	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB8#0	20.85	15.43	34.7	PASS
				RB8#4	21.07	15.66	34.7	PASS
				RB8#7	20.91	15.54	34.7	PASS
				RB15#0	21.05	15.85	34.7	PASS
			HCH	RB1#0	22.1	16.92	34.7	PASS
				RB1#7	21.18	15.79	34.7	PASS
				RB1#14	22.08	16.87	34.7	PASS
				RB8#0	21.22	15.83	34.7	PASS
				RB8#4	21.25	16.12	34.7	PASS
				RB8#7	21.17	15.91	34.7	PASS
				RB15#0	21.21	15.94	34.7	PASS
		5	LCH	RB1#0	22.34	17.12	34.7	PASS
				RB1#13	22.35	16.99	34.7	PASS
				RB1#24	22.22	16.90	34.7	PASS
				RB12#0	21.22	15.83	34.7	PASS
				RB12#6	21.17	16.03	34.7	PASS
				RB12#13	21.2	15.81	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB25#0	21.2	15.88	34.7	PASS
			MCH	RB1#0	22.13	16.74	34.7	PASS
				RB1#13	21.95	16.72	34.7	PASS
				RB1#24	22.17	16.94	34.7	PASS
				RB12#0	21.06	15.90	34.7	PASS
				RB12#6	20.98	15.56	34.7	PASS
				RB12#13	21.09	15.93	34.7	PASS
				RB25#0	21.05	15.86	34.7	PASS
			HCH	RB1#0	22.31	17.12	34.7	PASS
				RB1#13	22.32	17.07	34.7	PASS
				RB1#24	22.23	16.95	34.7	PASS
				RB12#0	21.18	15.93	34.7	PASS
				RB12#6	21.1	15.71	34.7	PASS
				RB12#13	21.25	16.11	34.7	PASS
				RB25#0	21.05	15.63	34.7	PASS
		10	LCH	RB1#0	22.41	17.07	34.7	PASS
				RB1#25	22.16	16.74	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB1#49	22.15	16.81	34.7	PASS
				RB25#0	21.23	15.99	34.7	PASS
				RB25#13	21.21	15.91	34.7	PASS
				RB25#25	21.12	15.93	34.7	PASS
				RB50#0	21.17	15.83	34.7	PASS
			MCH	RB1#0	22.23	16.95	34.7	PASS
				RB1#25	21.88	16.46	34.7	PASS
				RB1#49	22.18	16.87	34.7	PASS
				RB25#0	21.19	15.79	34.7	PASS
				RB25#13	20.99	15.58	34.7	PASS
				RB25#25	21.09	15.89	34.7	PASS
				RB50#0	21.01	15.68	34.7	PASS
			HCH	RB1#0	22.01	16.70	34.7	PASS
				RB1#25	21.84	16.67	34.7	PASS
				RB1#49	22.07	16.80	34.7	PASS
				RB25#0	21.08	15.81	34.7	PASS
				RB25#13	21.13	15.99	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP	Limit [dBm]	Verdict
				RB25#25	21.19	15.81	34.7	PASS
				RB50#0	21.16	15.76	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:

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

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

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

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	3.7	13	PASS
				RB1#3	4.1	13	PASS
				RB1#5	3.93	13	PASS
				RB3#0	4.39	13	PASS
				RB3#2	4.39	13	PASS
				RB3#3	4.41	13	PASS
				RB6#0	5.3	13	PASS
			MCH	RB1#0	3.44	13	PASS
				RB1#3	3.61	13	PASS
				RB1#5	3.48	13	PASS
				RB3#0	3.95	13	PASS
				RB3#2	3.98	13	PASS
				RB3#3	3.92	13	PASS
				RB6#0	4.93	13	PASS
			HCH	RB1#0	3.5	13	PASS
				RB1#3	3.44	13	PASS
				RB1#5	2.88	13	PASS
				RB3#0	4.21	13	PASS
				RB3#2	4.07	13	PASS
				RB3#3	3.81	13	PASS
				RB6#0	5.14	13	PASS
		3	LCH	RB1#0	3.69	13	PASS
				RB1#7	3.68	13	PASS
				RB1#14	3.79	13	PASS
				RB8#0	4.98	13	PASS
				RB8#4	5.03	13	PASS
				RB8#7	5.06	13	PASS
				RB15#0	5.33	13	PASS
			MCH	RB1#0	3.46	13	PASS
				RB1#7	3.97	13	PASS
				RB1#14	3.4	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	4.7	13	PASS
				RB8#4	4.67	13	PASS
				RB8#7	4.77	13	PASS
				RB15#0	5.27	13	PASS
			HCH	RB1#0	3.8	13	PASS
				RB1#7	4	13	PASS
				RB1#14	3.43	13	PASS
				RB8#0	5.32	13	PASS
				RB8#4	5.26	13	PASS
				RB8#7	4.88	13	PASS
				RB15#0	5.34	13	PASS
		5	LCH	RB1#0	3.8	13	PASS
				RB1#13	3.93	13	PASS
				RB1#24	3.72	13	PASS
				RB12#0	5	13	PASS
				RB12#6	4.93	13	PASS
				RB12#13	4.91	13	PASS
				RB25#0	5.37	13	PASS
			MCH	RB1#0	3.73	13	PASS
				RB1#13	3.31	13	PASS
				RB1#24	3.31	13	PASS
				RB12#0	4.59	13	PASS
				RB12#6	4.53	13	PASS
				RB12#13	4.7	13	PASS
				RB25#0	5.37	13	PASS
			HCH	RB1#0	3.35	13	PASS
				RB1#13	4.11	13	PASS
				RB1#24	3.64	13	PASS
				RB12#0	4.92	13	PASS
				RB12#6	5.12	13	PASS
				RB12#13	5.06	13	PASS
				RB25#0	5.43	13	PASS
		10	LCH	RB1#0	3.77	13	PASS
				RB1#25	3.6	13	PASS
				RB1#49	3.4	13	PASS
				RB25#0	5.09	13	PASS
				RB25#13	4.67	13	PASS
				RB25#25	4.83	13	PASS
				RB50#0	5.5	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	3.84	13	PASS
				RB1#25	3.51	13	PASS
				RB1#49	3.51	13	PASS
				RB25#0	4.73	13	PASS
				RB25#13	4.66	13	PASS
				RB25#25	4.74	13	PASS
				RB50#0	5.69	13	PASS
			HCH	RB1#0	3.49	13	PASS
				RB1#25	3.36	13	PASS
				RB1#49	3.75	13	PASS
				RB25#0	4.68	13	PASS
				RB25#13	4.64	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.22	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.55	13	PASS
				RB1#3	5.07	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	5.16	13	PASS
				RB3#2	5.1	13	PASS
				RB3#3	5.33	13	PASS
				RB6#0	6	13	PASS
			MCH	RB1#0	4.43	13	PASS
				RB1#3	4.72	13	PASS
				RB1#5	4.56	13	PASS
				RB3#0	4.87	13	PASS
				RB3#2	4.76	13	PASS
				RB3#3	5.08	13	PASS
				RB6#0	5.56	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#3	4.53	13	PASS
				RB1#5	4.31	13	PASS
				RB3#0	4.98	13	PASS
				RB3#2	4.91	13	PASS
				RB3#3	4.61	13	PASS
				RB6#0	6.06	13	PASS
		3	LCH	RB1#0	4.46	13	PASS
				RB1#7	5.65	13	PASS
				RB1#14	5.31	13	PASS
				RB8#0	5.8	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	5.95	13	PASS
				RB8#7	6.12	13	PASS
				RB15#0	6.2	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#7	4.75	13	PASS
				RB1#14	4.24	13	PASS
				RB8#0	5.69	13	PASS
				RB8#4	5.55	13	PASS
				RB8#7	5.75	13	PASS
				RB15#0	6.04	13	PASS
			HCH	RB1#0	4.72	13	PASS
				RB1#7	5.06	13	PASS
				RB1#14	4.69	13	PASS
				RB8#0	6.4	13	PASS
				RB8#4	5.74	13	PASS
				RB8#7	5.6	13	PASS
				RB15#0	6.11	13	PASS
		5	LCH	RB1#0	4.9	13	PASS
				RB1#13	4.89	13	PASS
				RB1#24	4.6	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.75	13	PASS
				RB12#13	5.72	13	PASS
				RB25#0	6.32	13	PASS
			MCH	RB1#0	4.51	13	PASS
				RB1#13	4.43	13	PASS
				RB1#24	4.23	13	PASS
				RB12#0	5.52	13	PASS
				RB12#6	5.46	13	PASS
				RB12#13	5.63	13	PASS
				RB25#0	6.23	13	PASS
			HCH	RB1#0	4.31	13	PASS
				RB1#13	4.91	13	PASS
				RB1#24	4.27	13	PASS
				RB12#0	5.82	13	PASS
				RB12#6	5.97	13	PASS
				RB12#13	6.02	13	PASS
				RB25#0	6.19	13	PASS
		10	LCH	RB1#0	4.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.63	13	PASS
				RB1#49	4.24	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	5.75	13	PASS
				RB25#25	5.79	13	PASS
				RB50#0	6.13	13	PASS
			MCH	RB1#0	4.7	13	PASS
				RB1#25	4.62	13	PASS
				RB1#49	4.21	13	PASS
				RB25#0	5.6	13	PASS
				RB25#13	5.65	13	PASS
				RB25#25	5.77	13	PASS
				RB50#0	6.32	13	PASS
			HCH	RB1#0	4.39	13	PASS
				RB1#25	4.68	13	PASS
				RB1#49	4.83	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.49	13	PASS
				RB25#25	5.97	13	PASS
				RB50#0	6.26	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

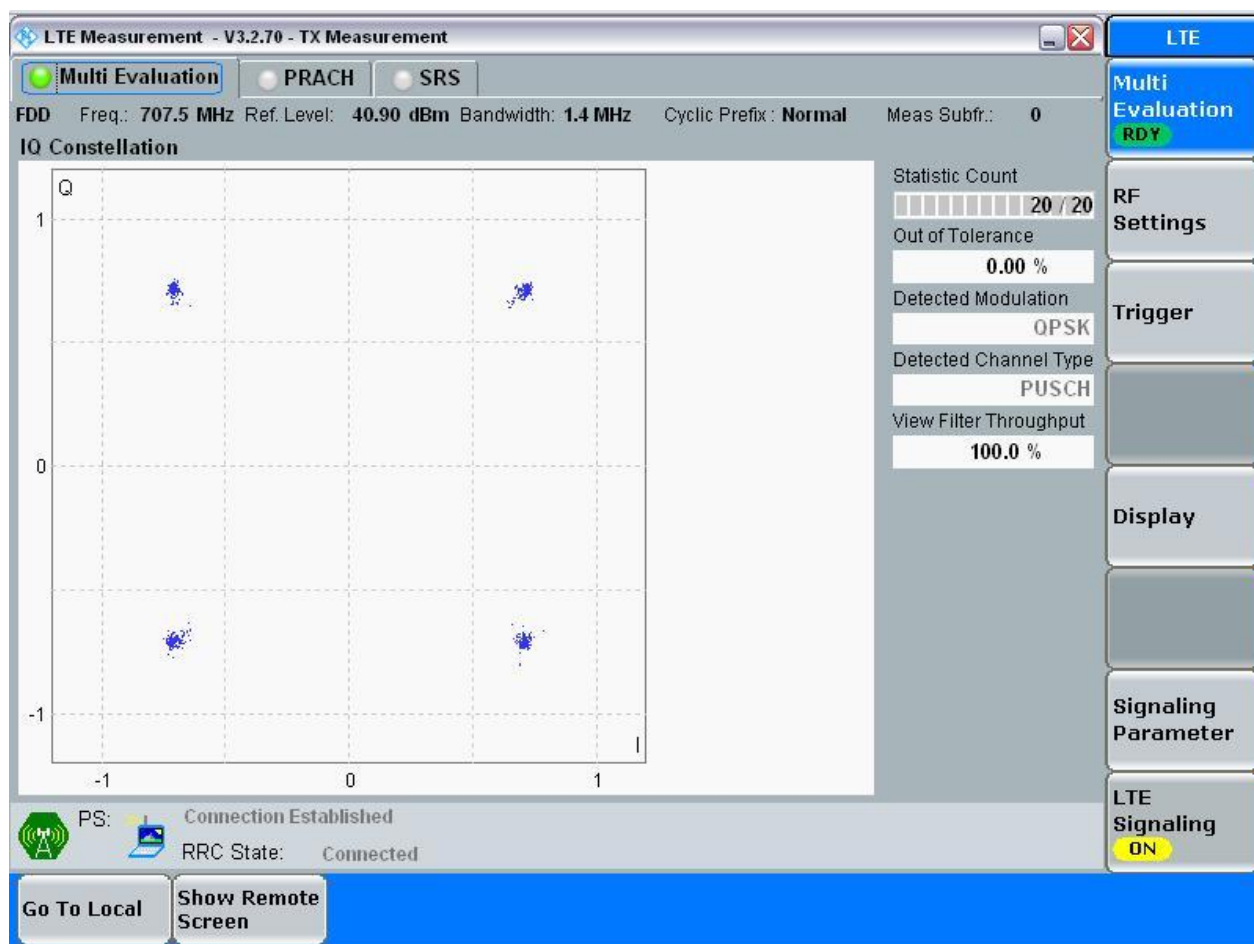
3.1.1 Test Band = BAND12

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

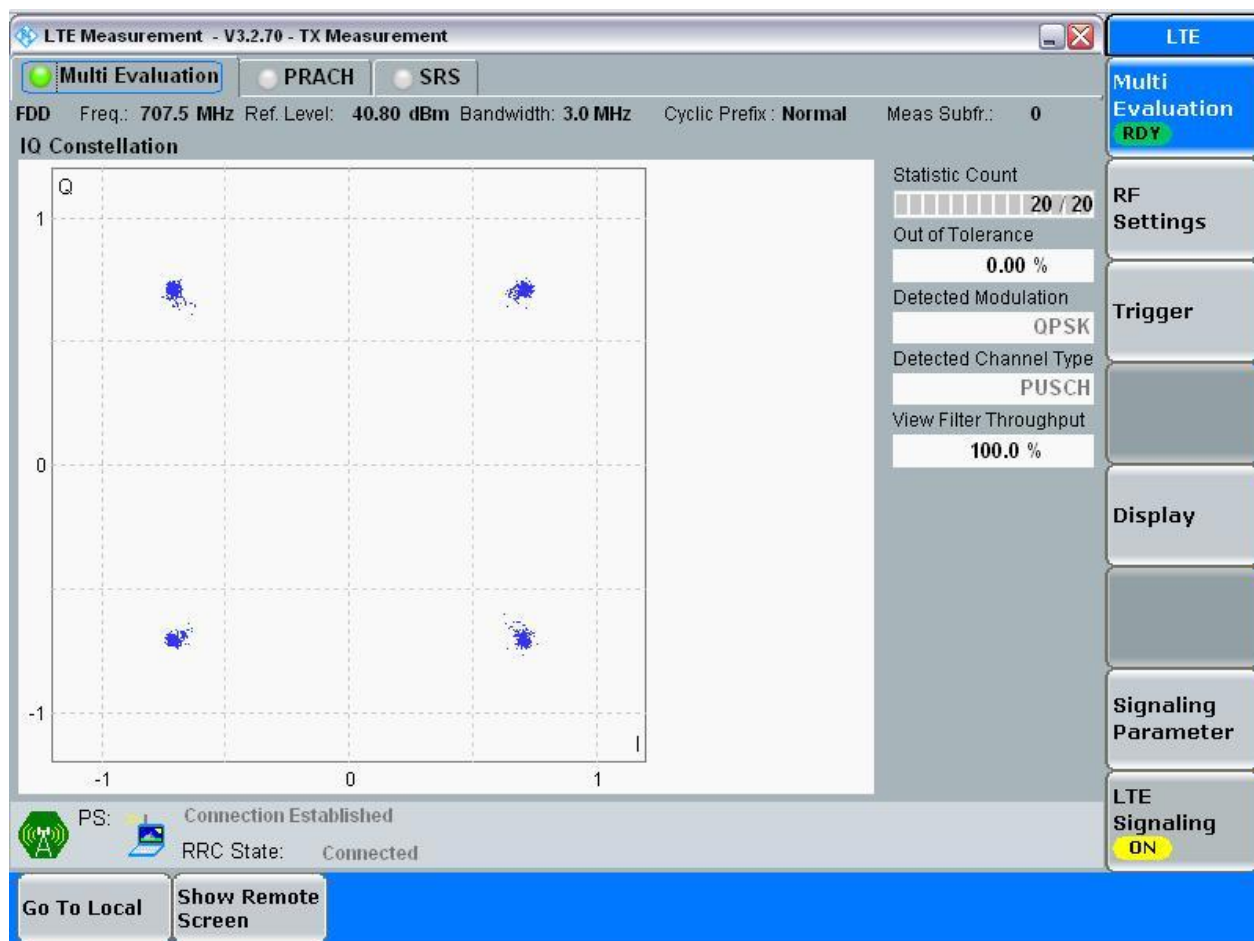
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

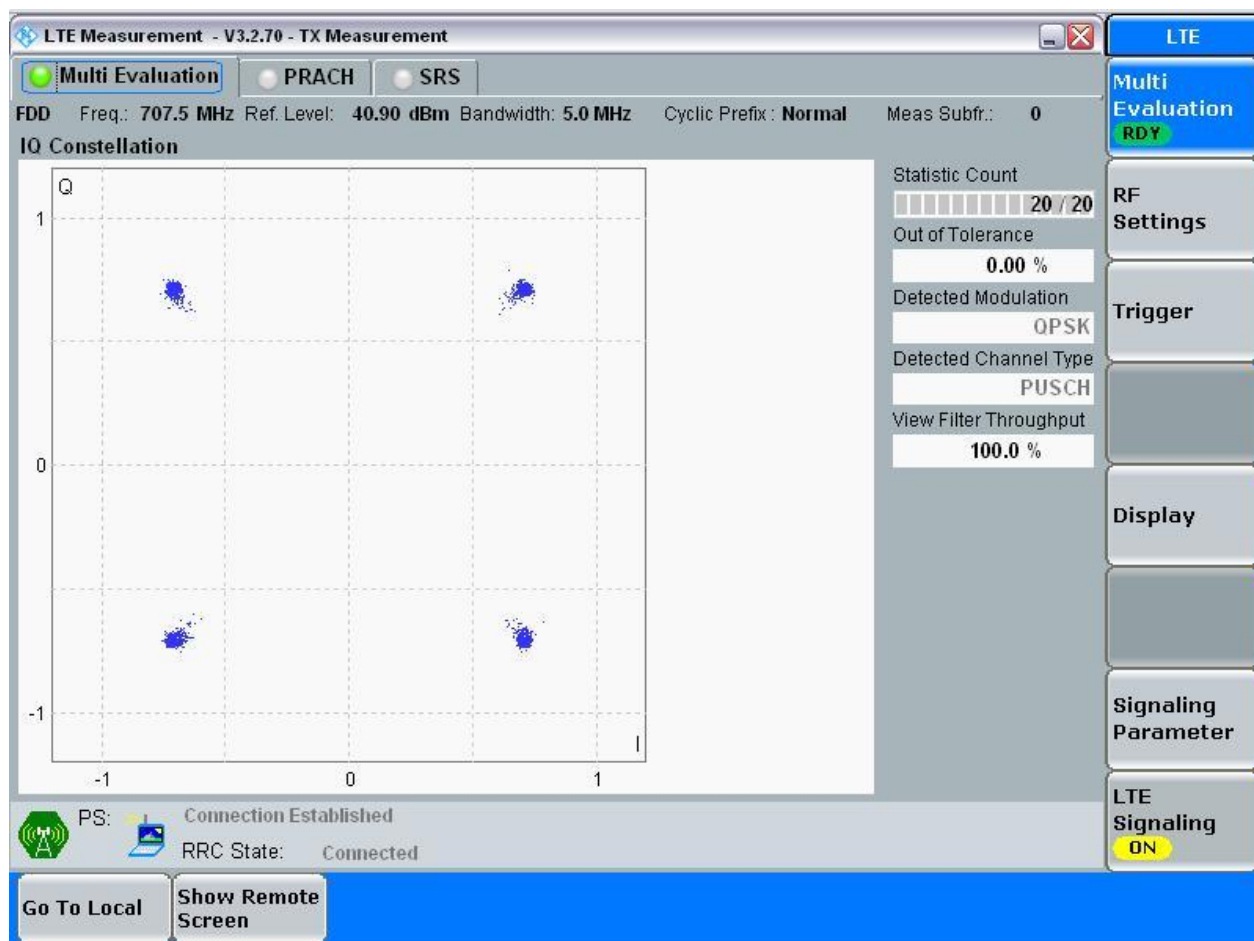
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

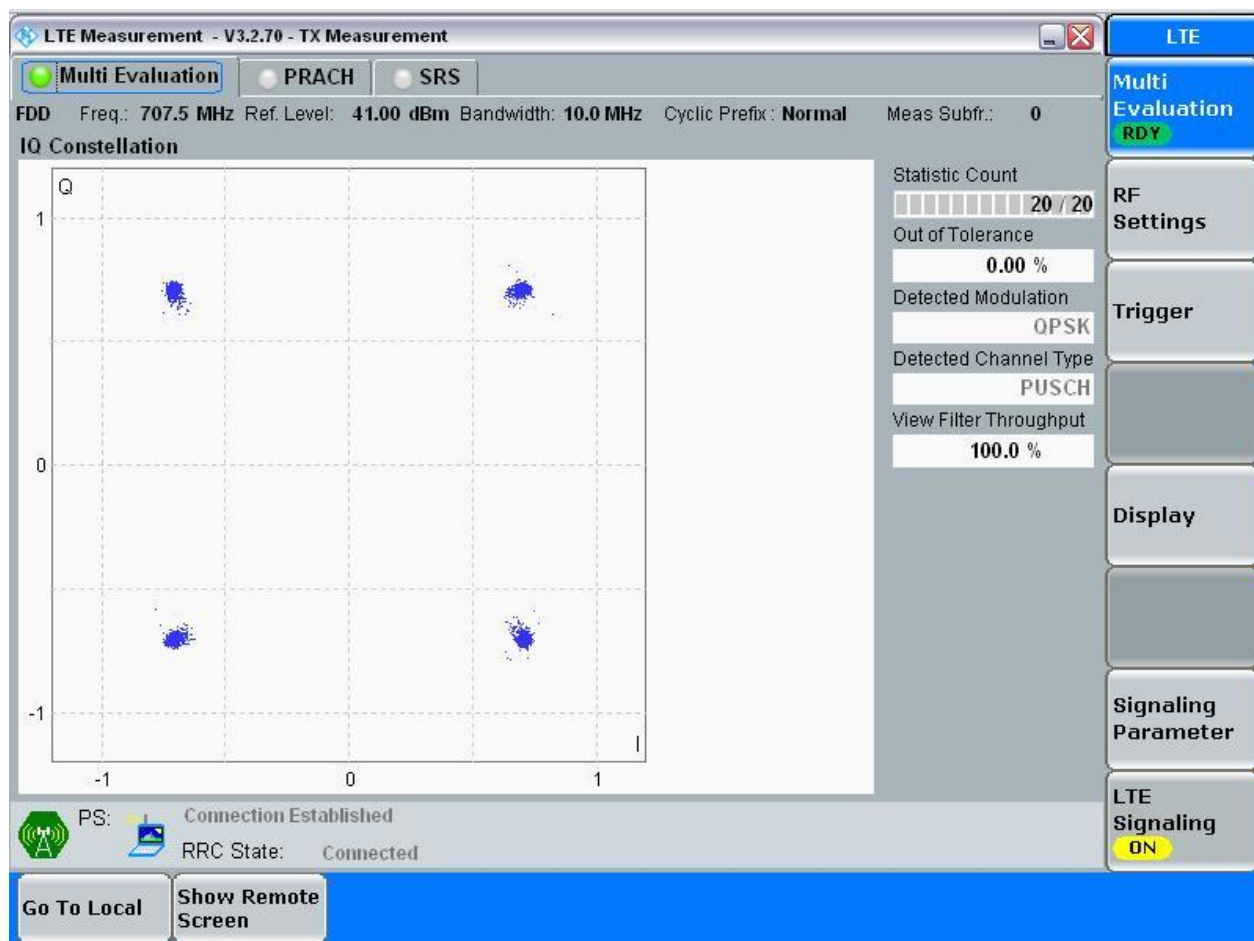
3.1.1.1.3.1.1 Test RB = RB25#0



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

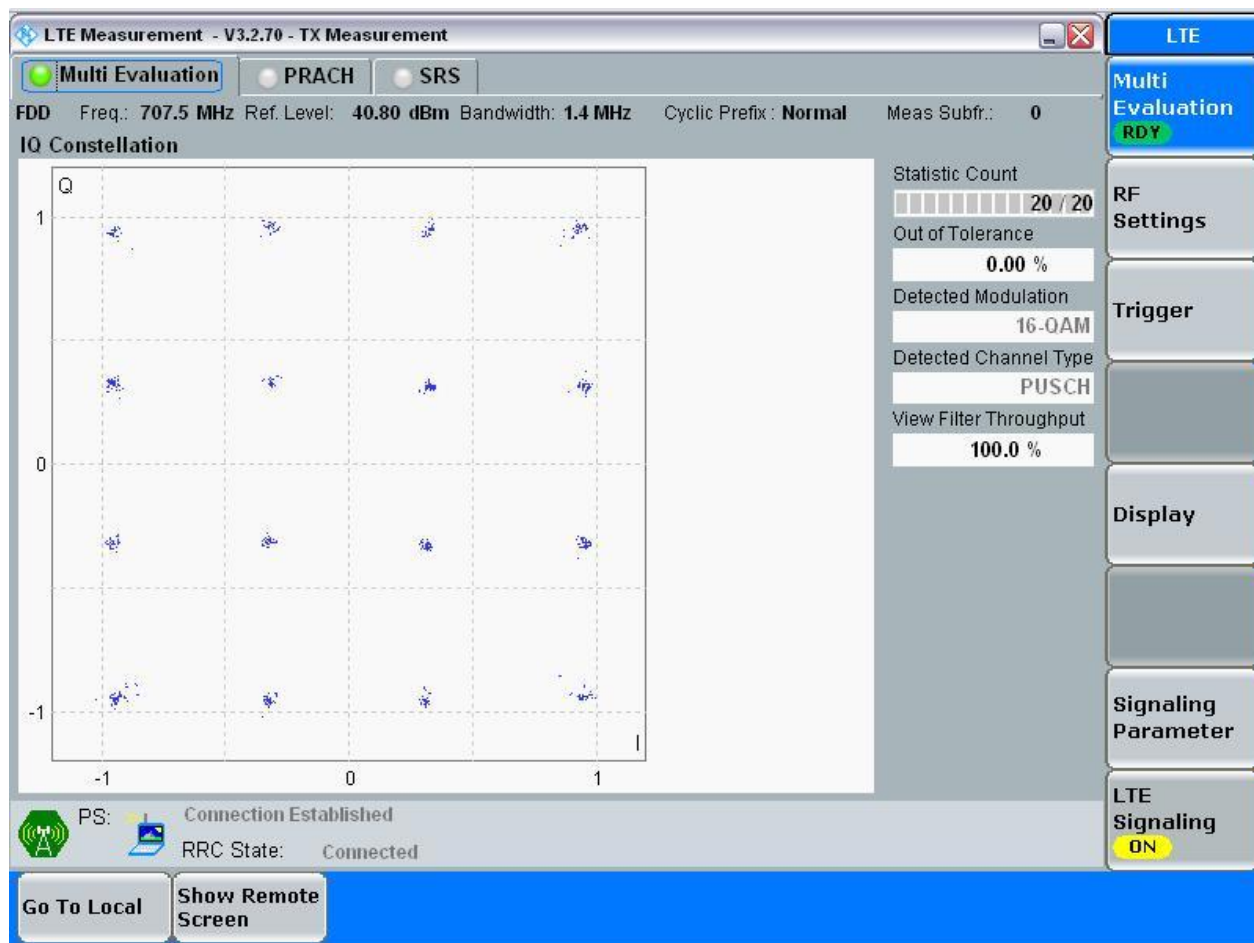


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

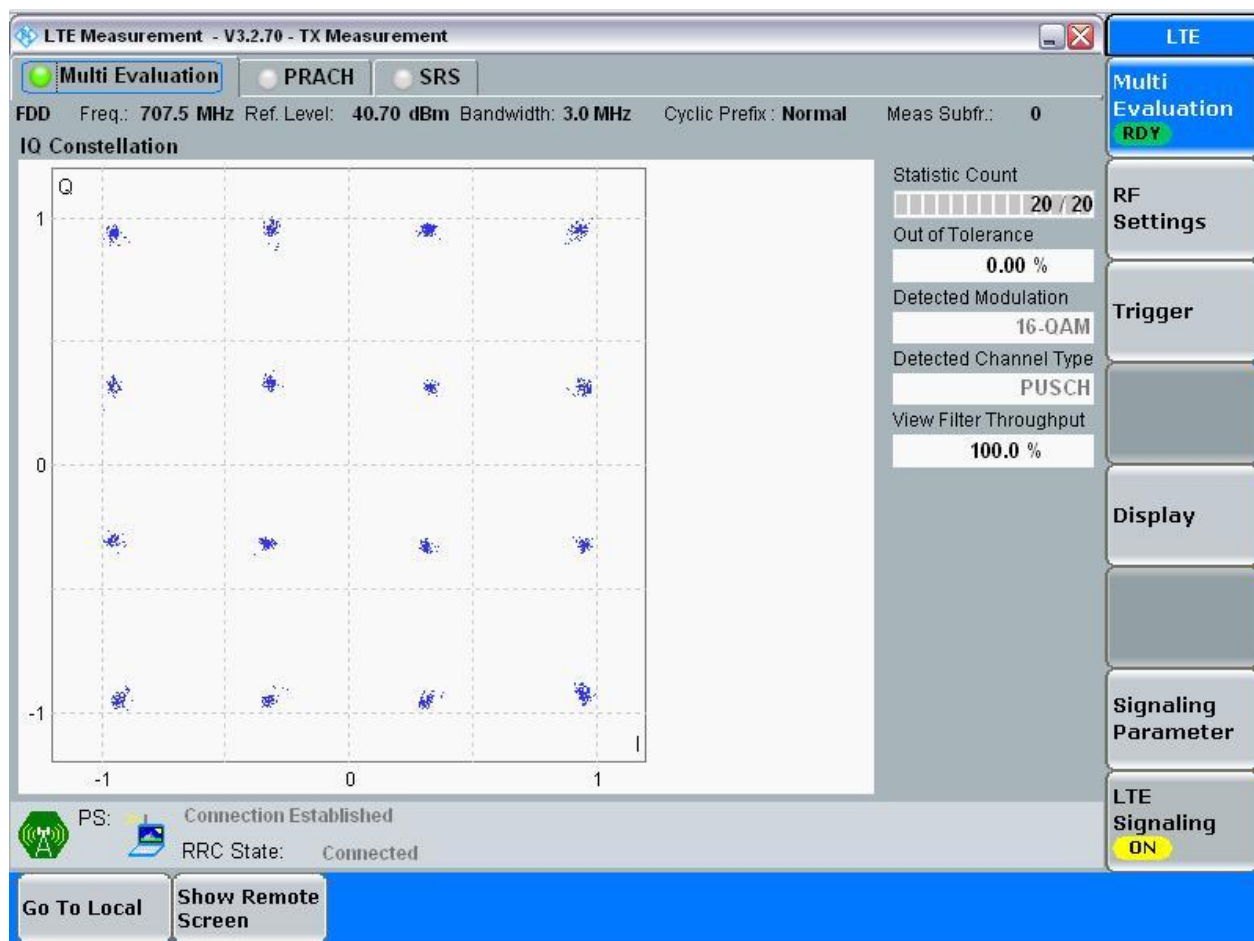
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

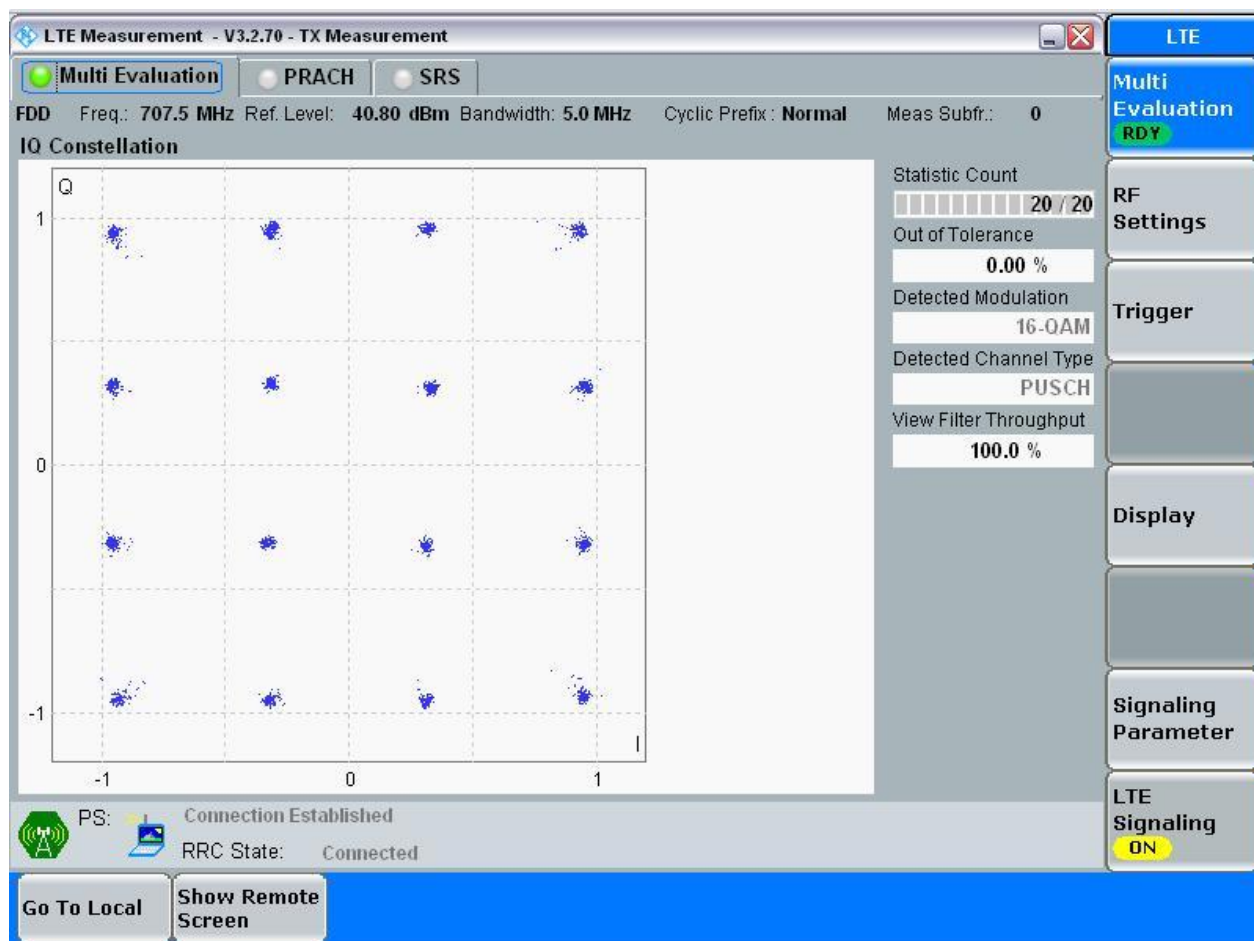
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

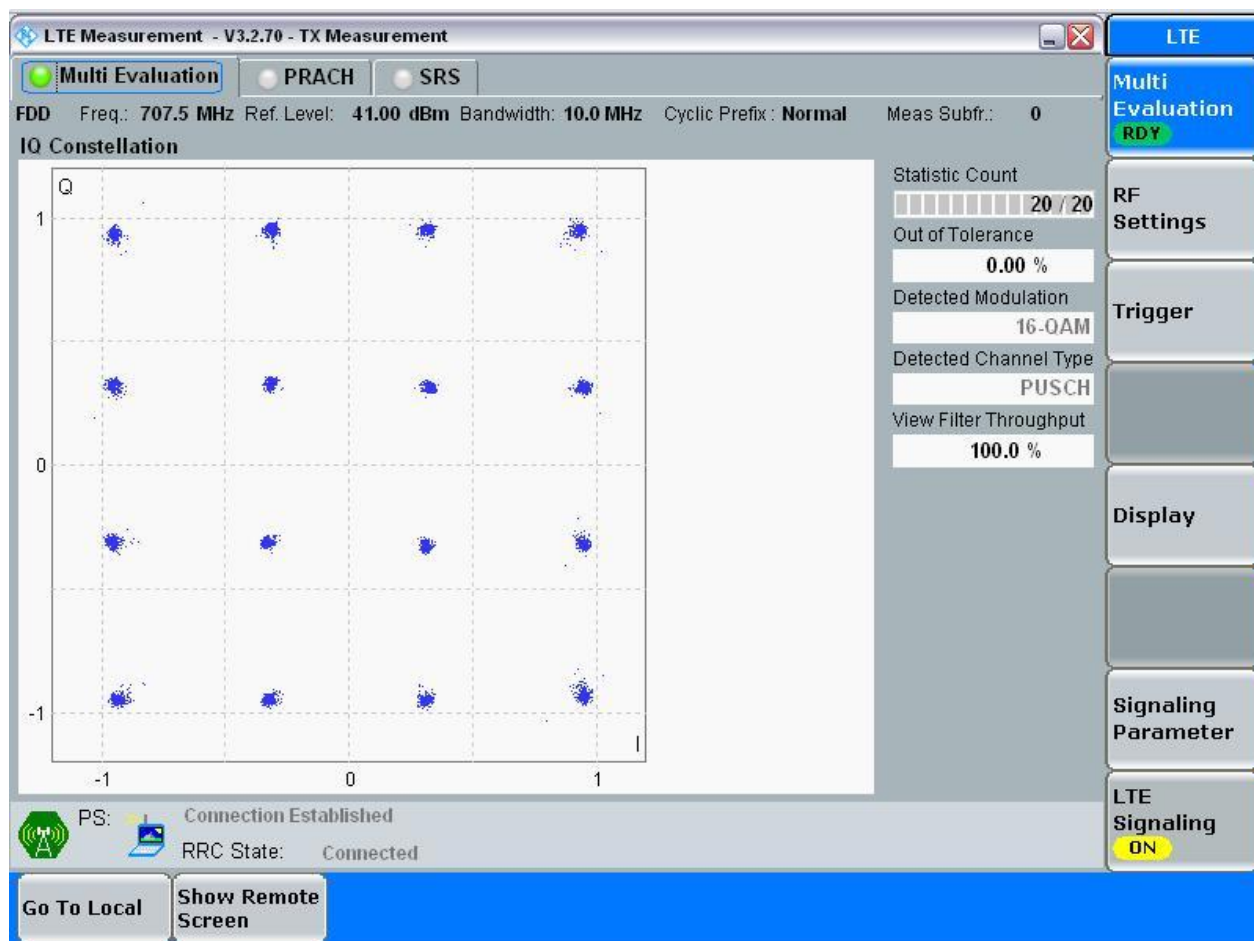
3.1.1.2.3.1.1 Test RB = RB25#0



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	1.25	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.53	4.99	Pass
			HCH	RB25#0	4.50	4.99	Pass
		10	LCH	RB50#0	9.02	9.94	Pass
			MCH	RB50#0	9.02	10.00	Pass
			HCH	RB50#0	8.95	9.92	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.52	4.99	Pass
			MCH	RB25#0	4.53	5.01	Pass
			HCH	RB25#0	4.51	4.99	Pass
		10	LCH	RB50#0	9.03	9.97	Pass
			MCH	RB50#0	9.03	9.92	Pass
			HCH	RB50#0	8.97	9.89	Pass

Part II - Test Plots

4.1 For LTE

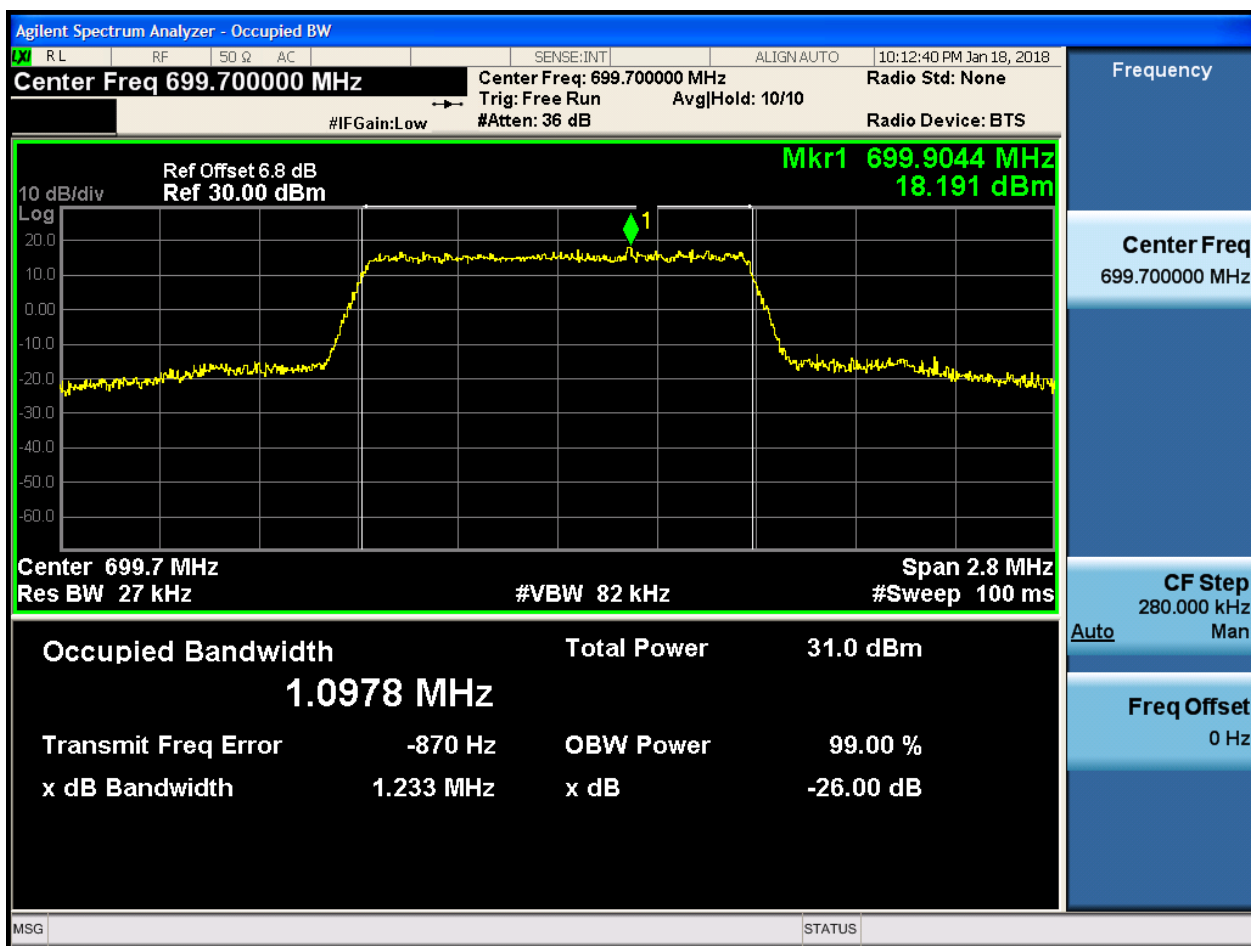
4.1.1 Test Band = BAND12

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

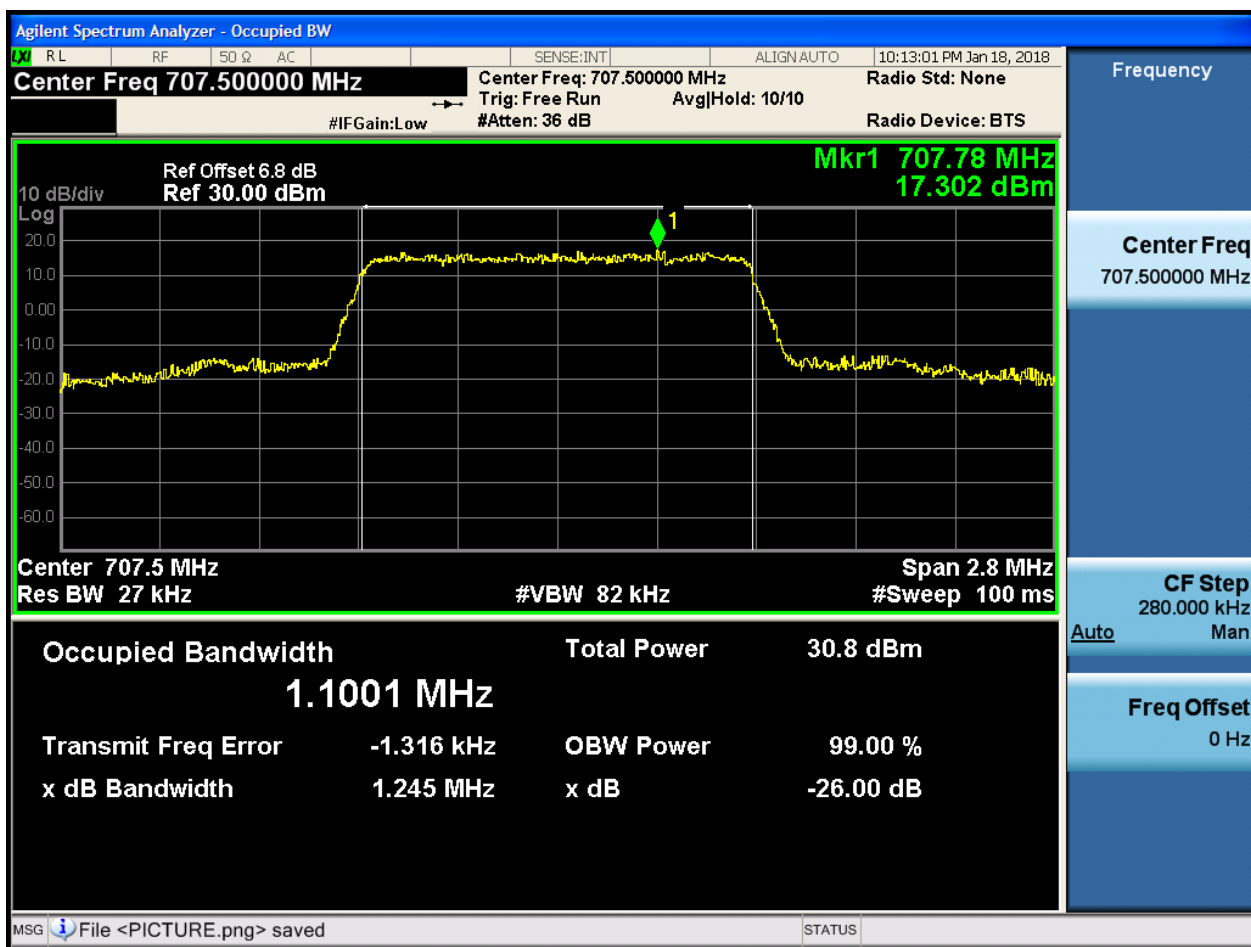
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



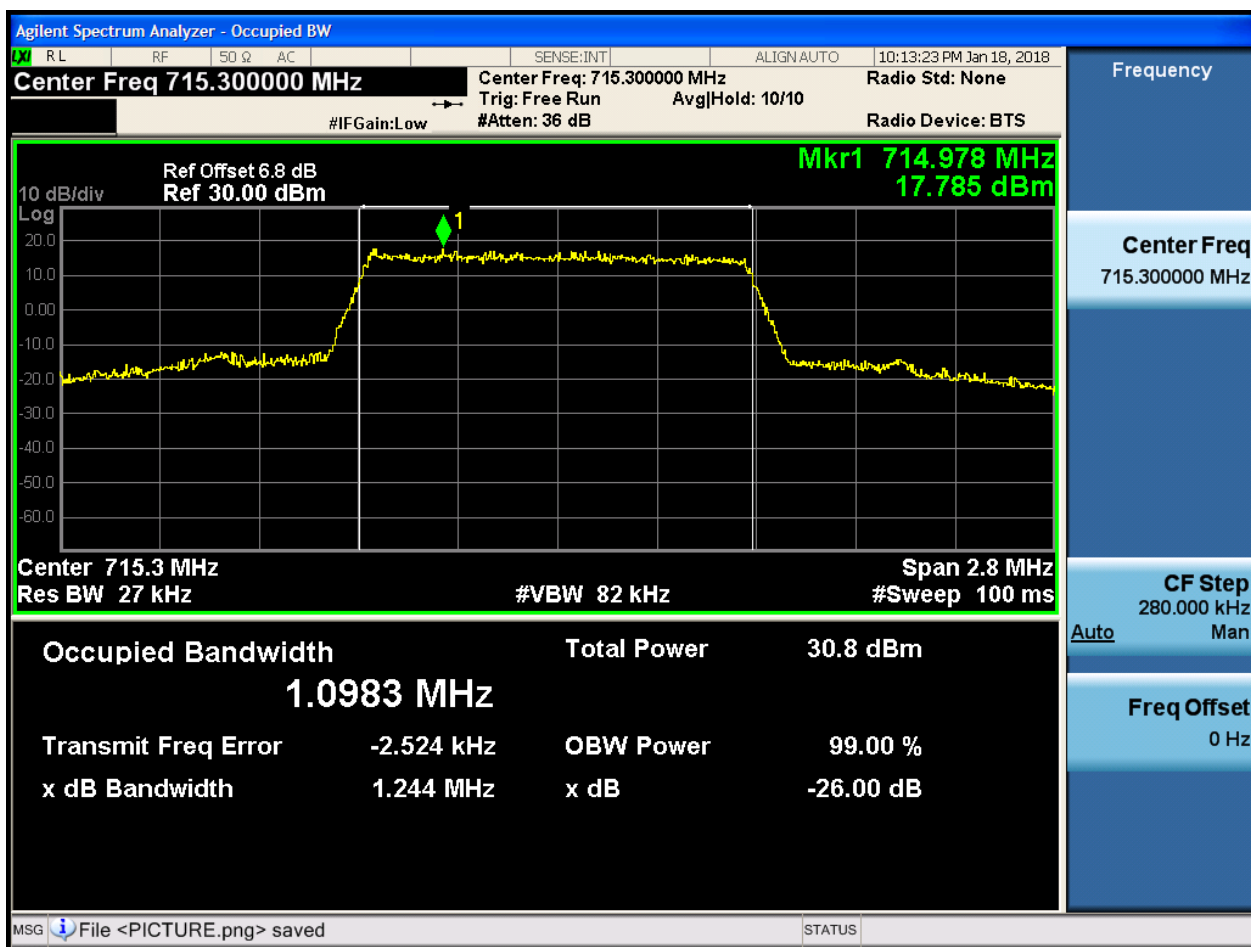
4.1.1.1.1.2 Test Channel = MCH

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

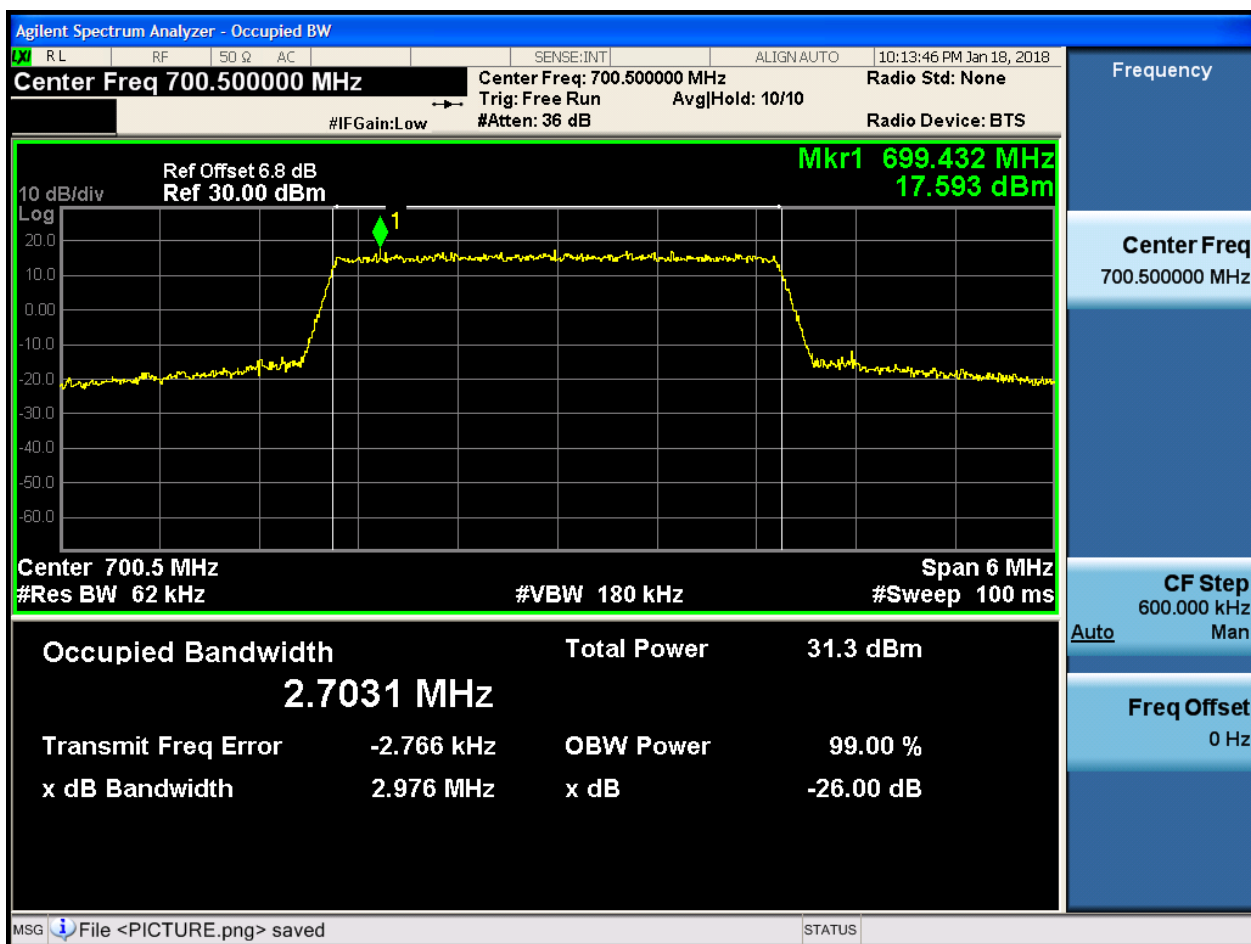




4.1.1.1.2 Test Bandwidth = 3

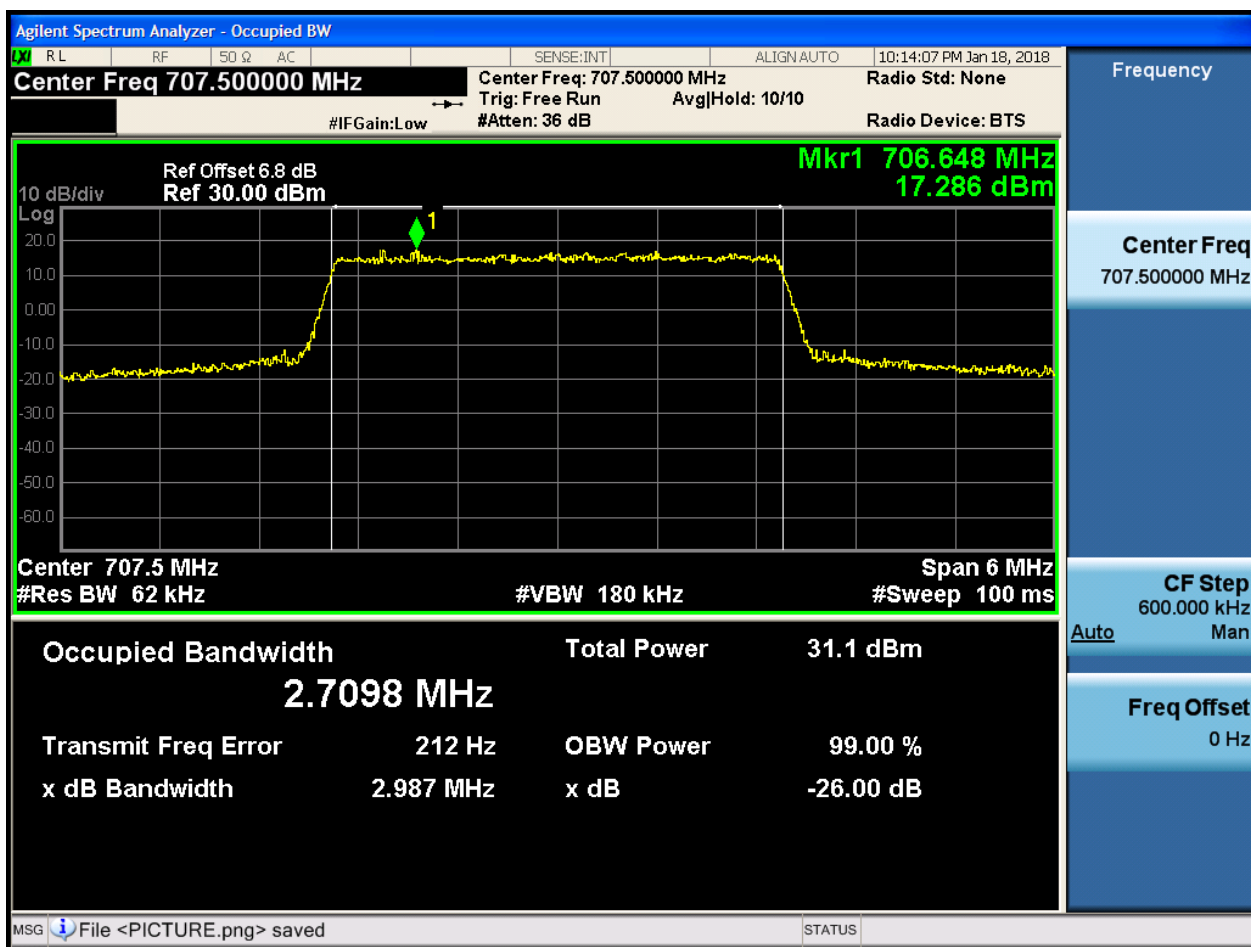
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



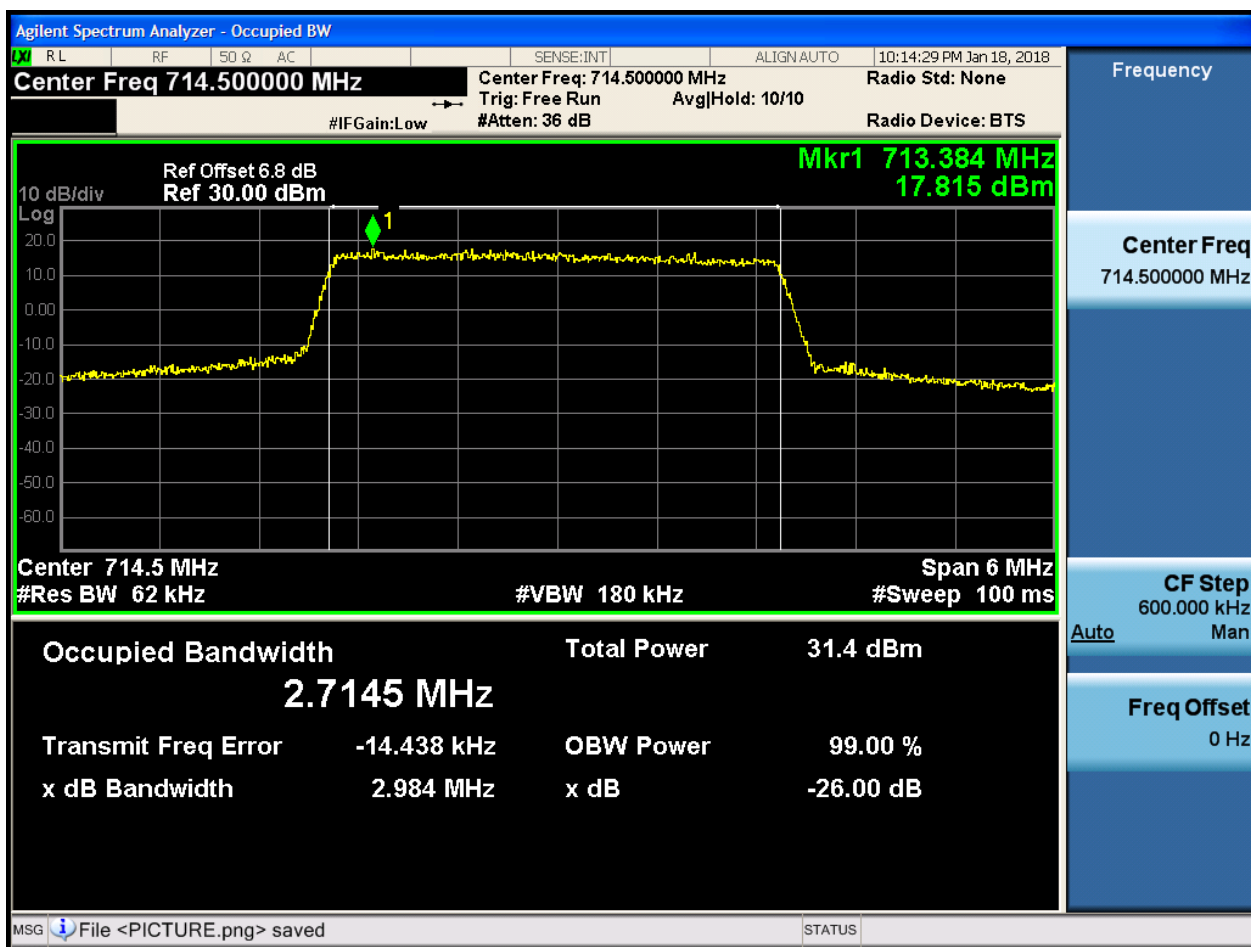
4.1.1.1.2.2 Test Channel = MCH

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

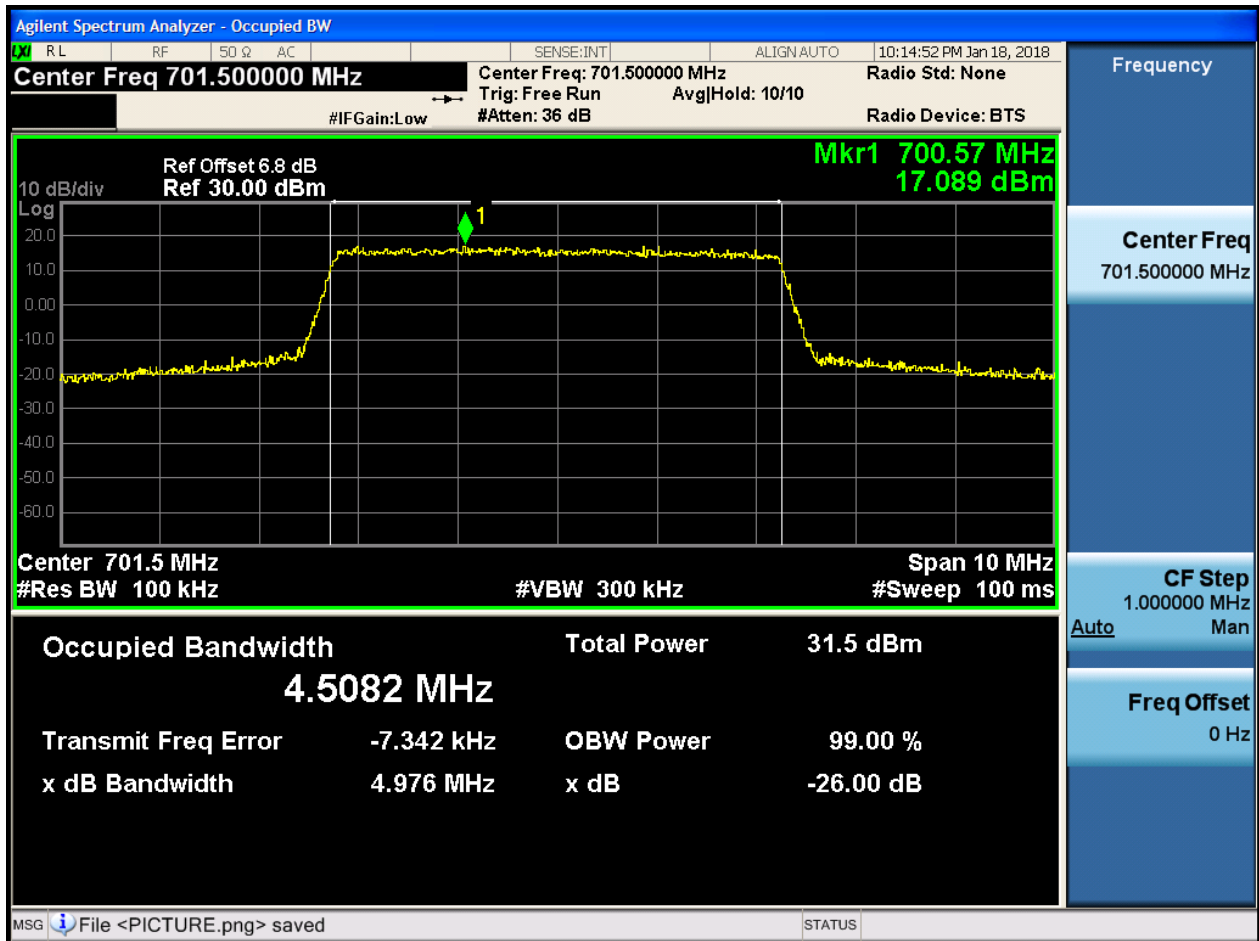




4.1.1.1.3 Test Bandwidth = 5

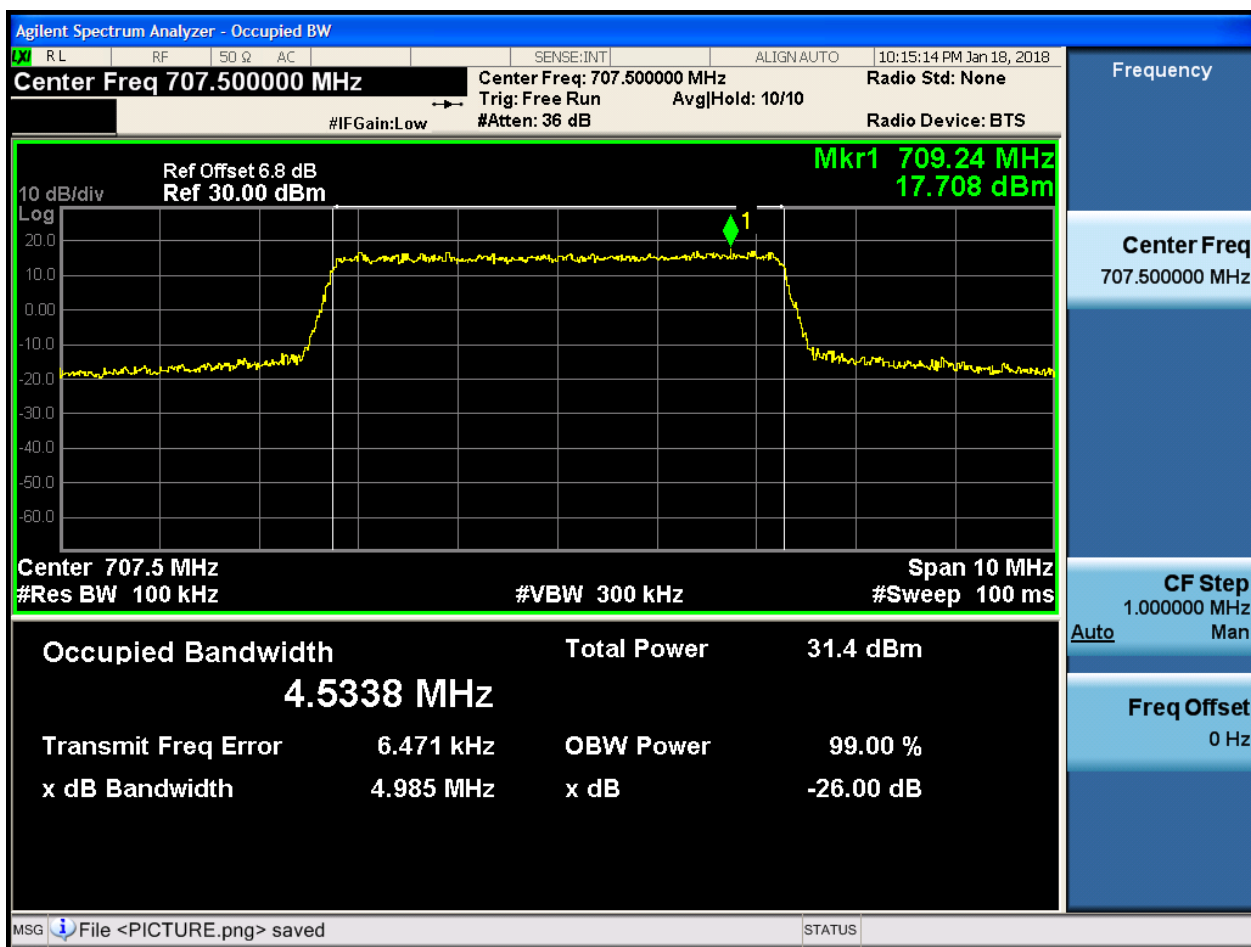
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



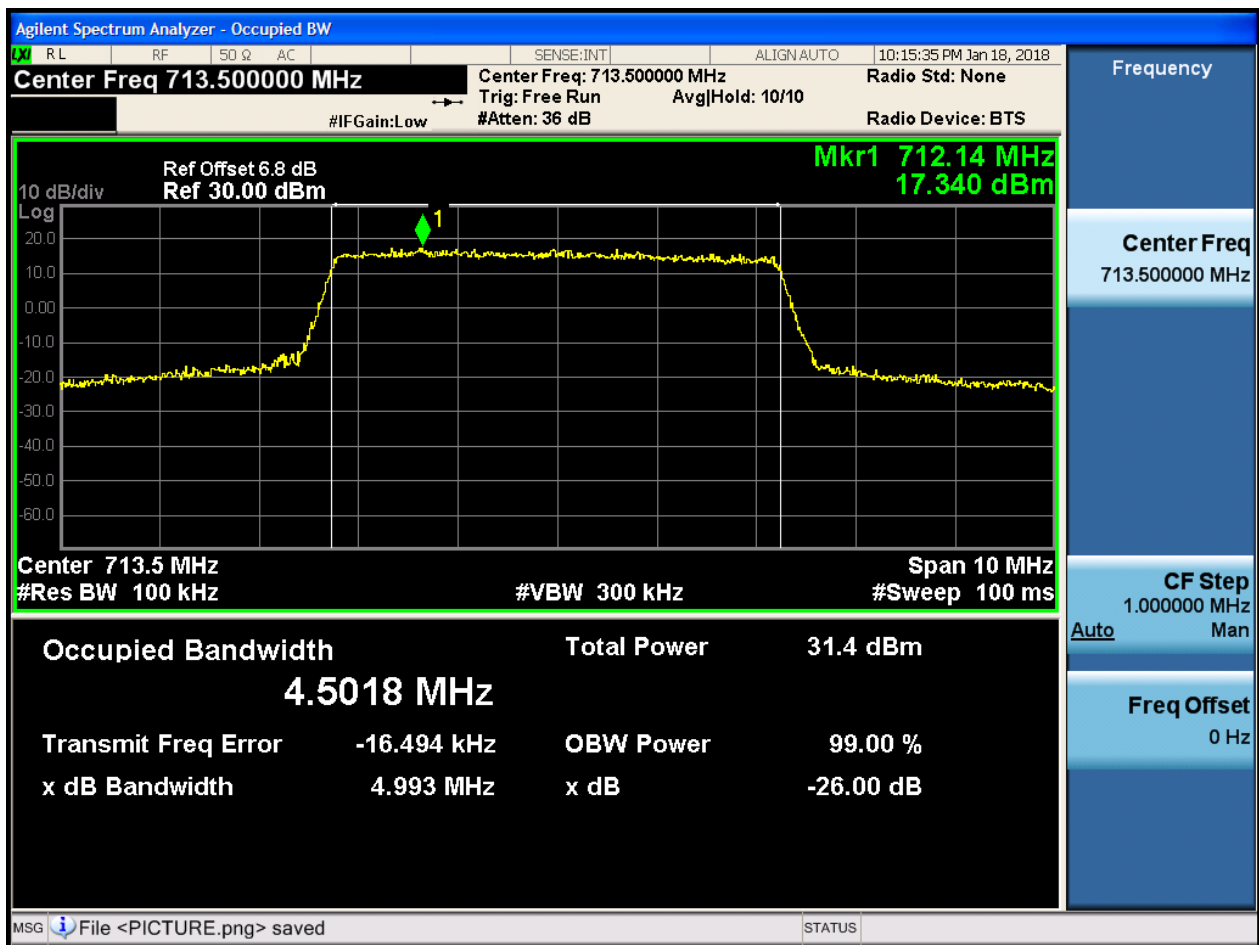
4.1.1.1.3.2 Test Channel = MCH

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

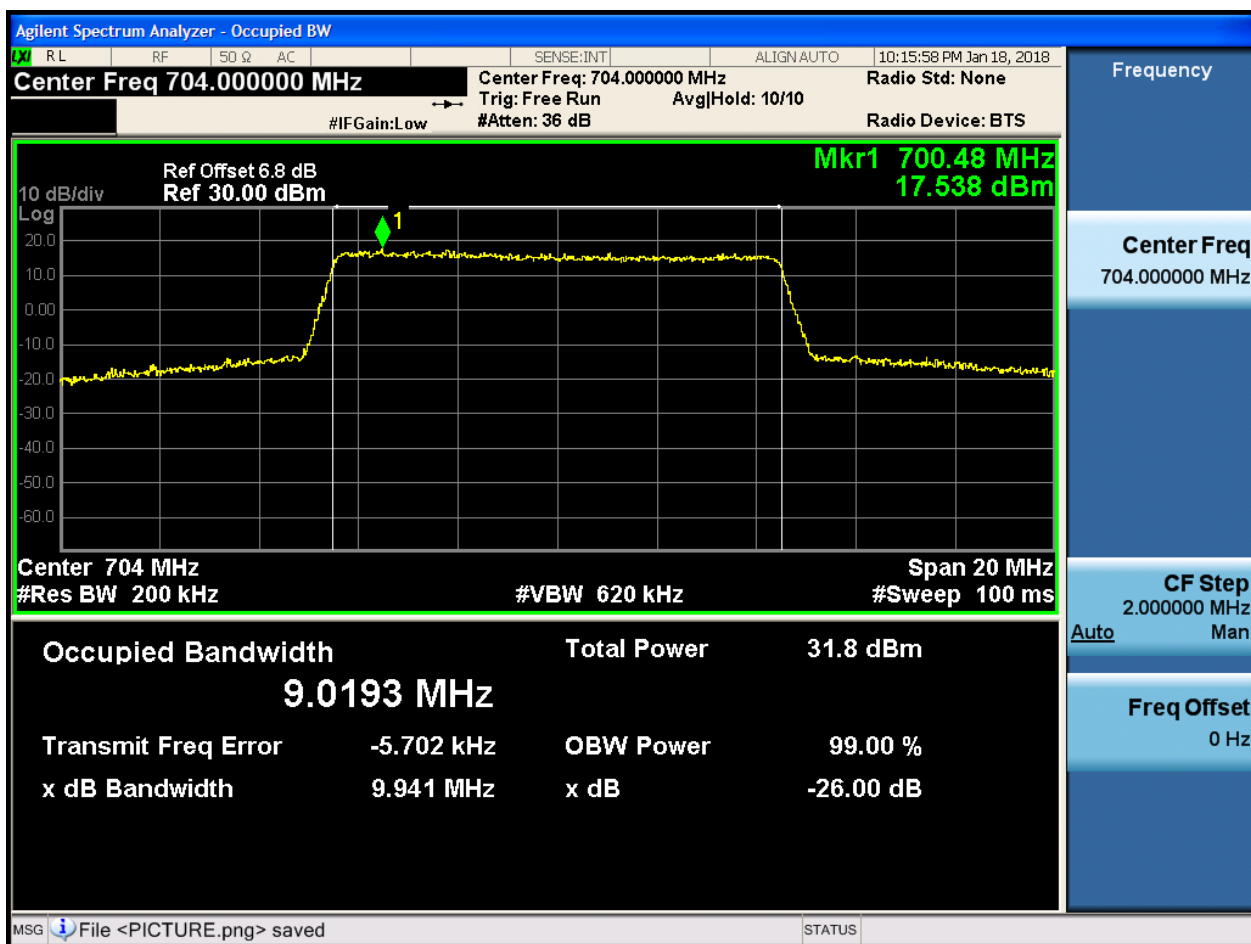




4.1.1.1.4 Test Bandwidth = 10

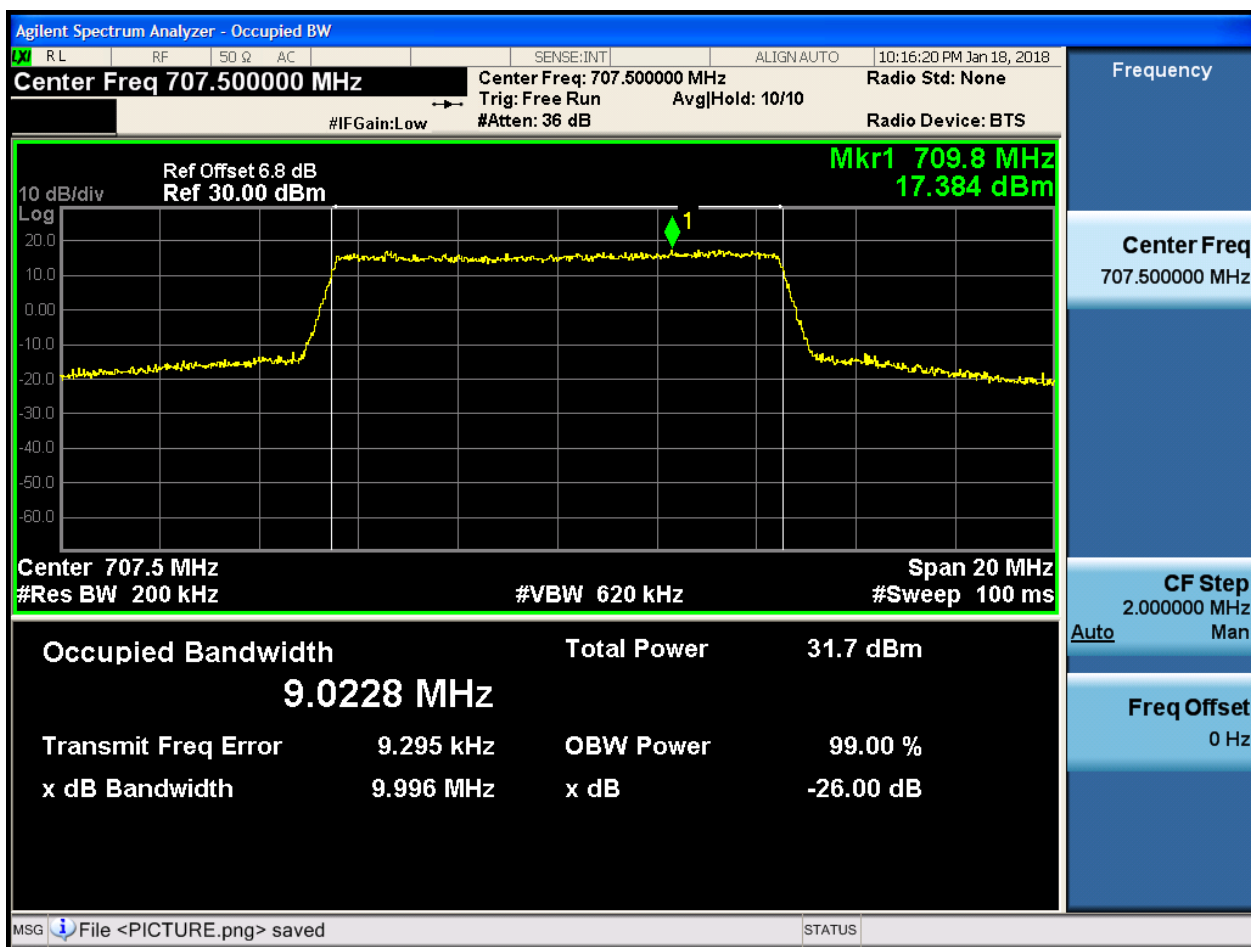
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



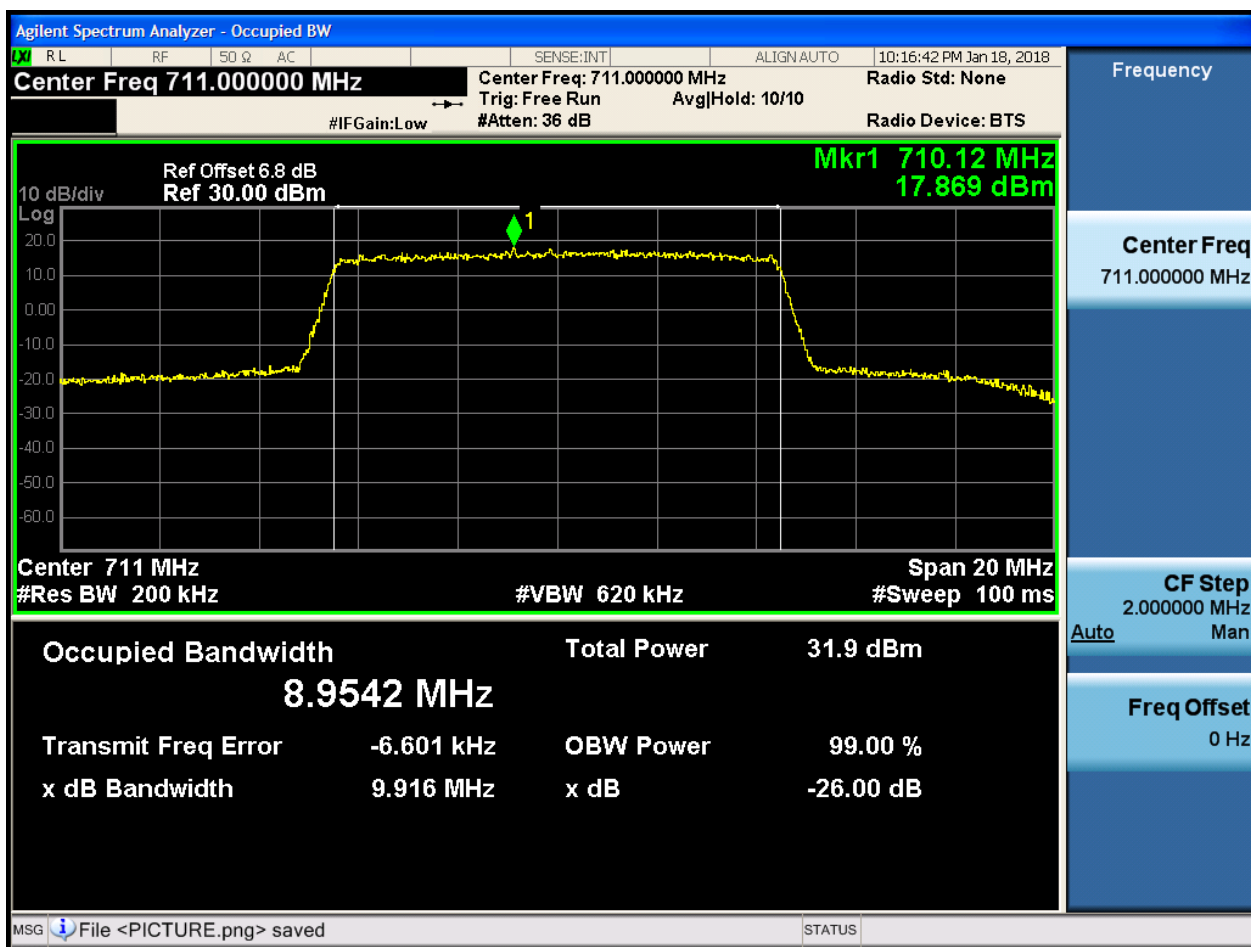
4.1.1.1.4.2 Test Channel = MCH

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



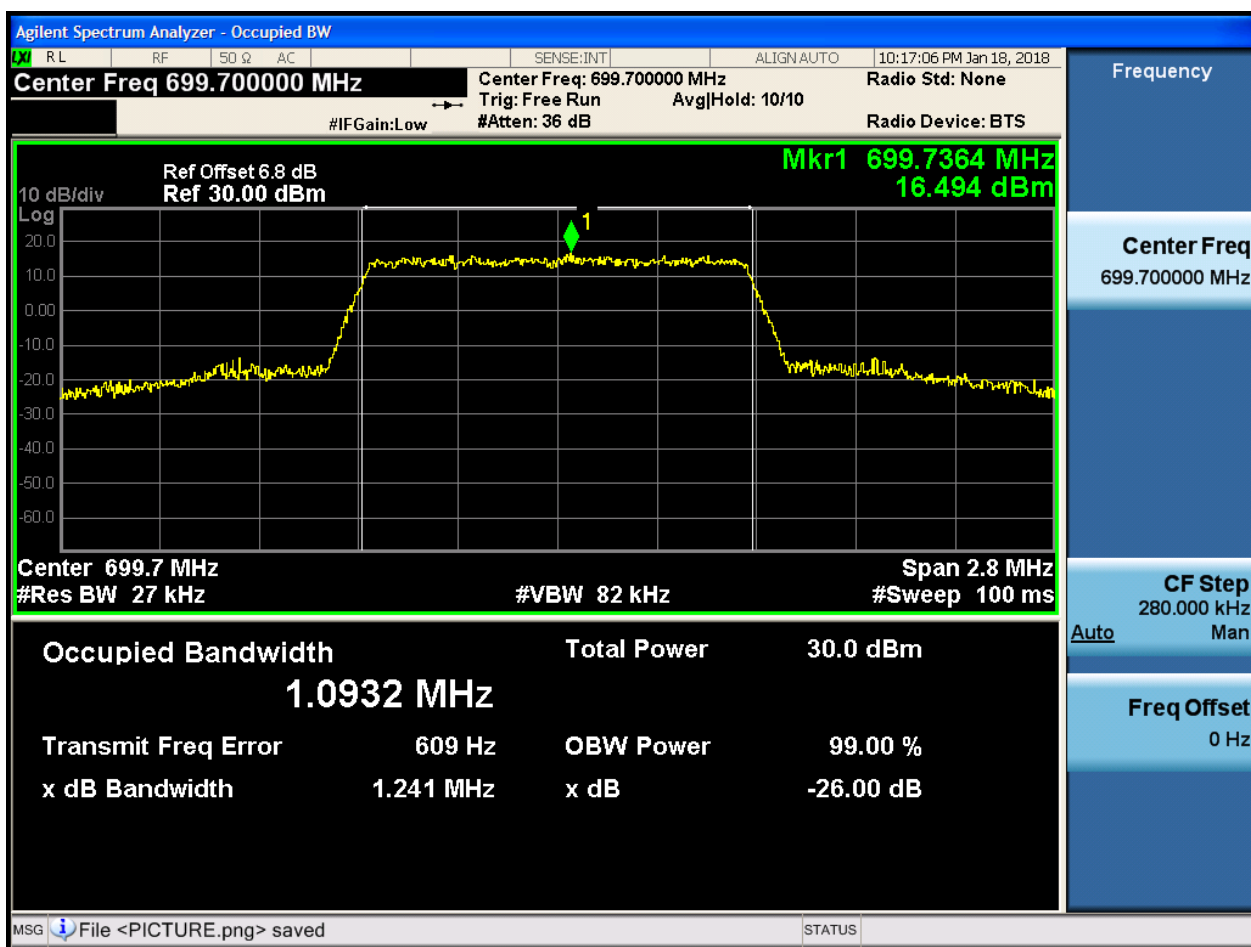


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

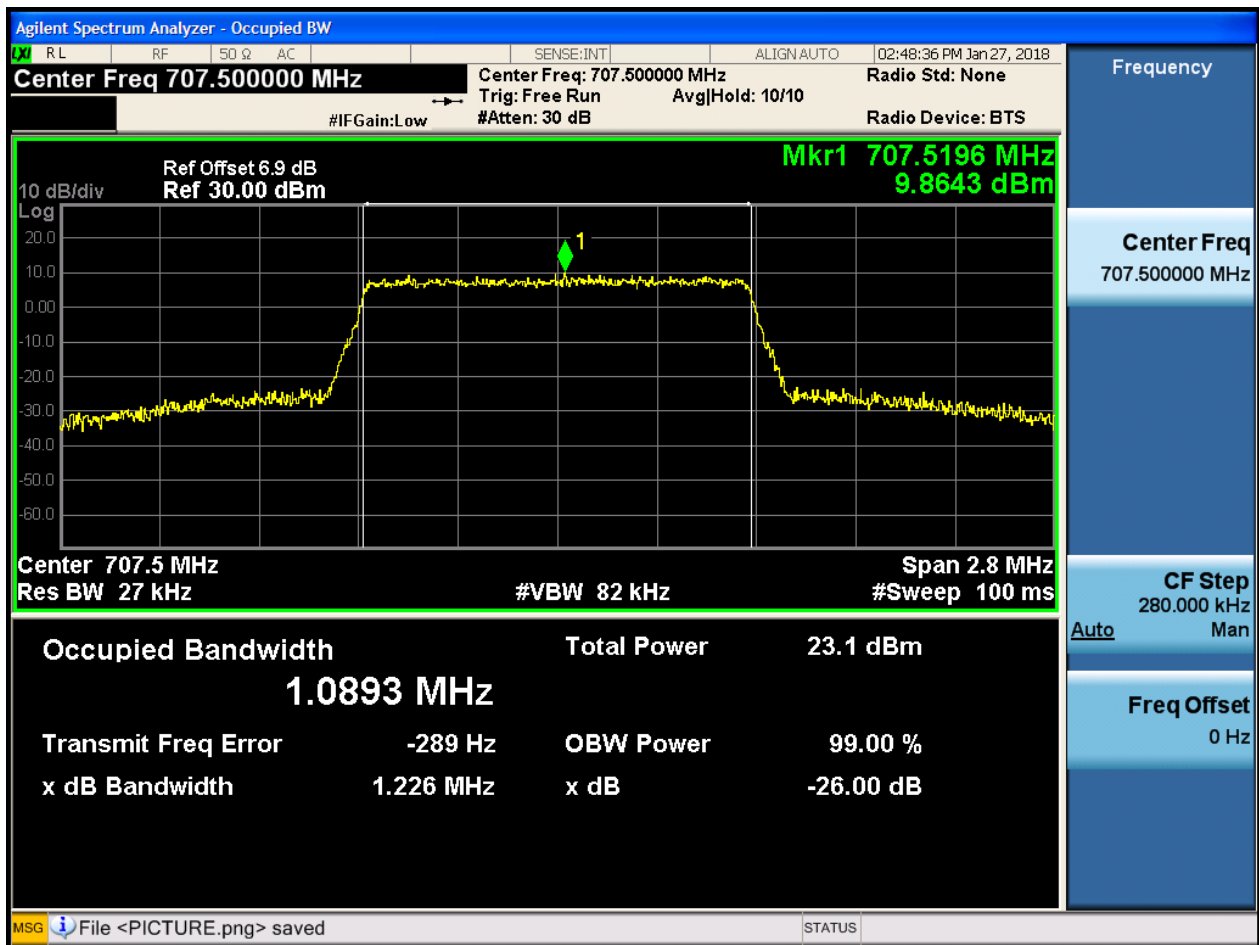
4.1.1.2.1.1.1 Test RB = RB6#0





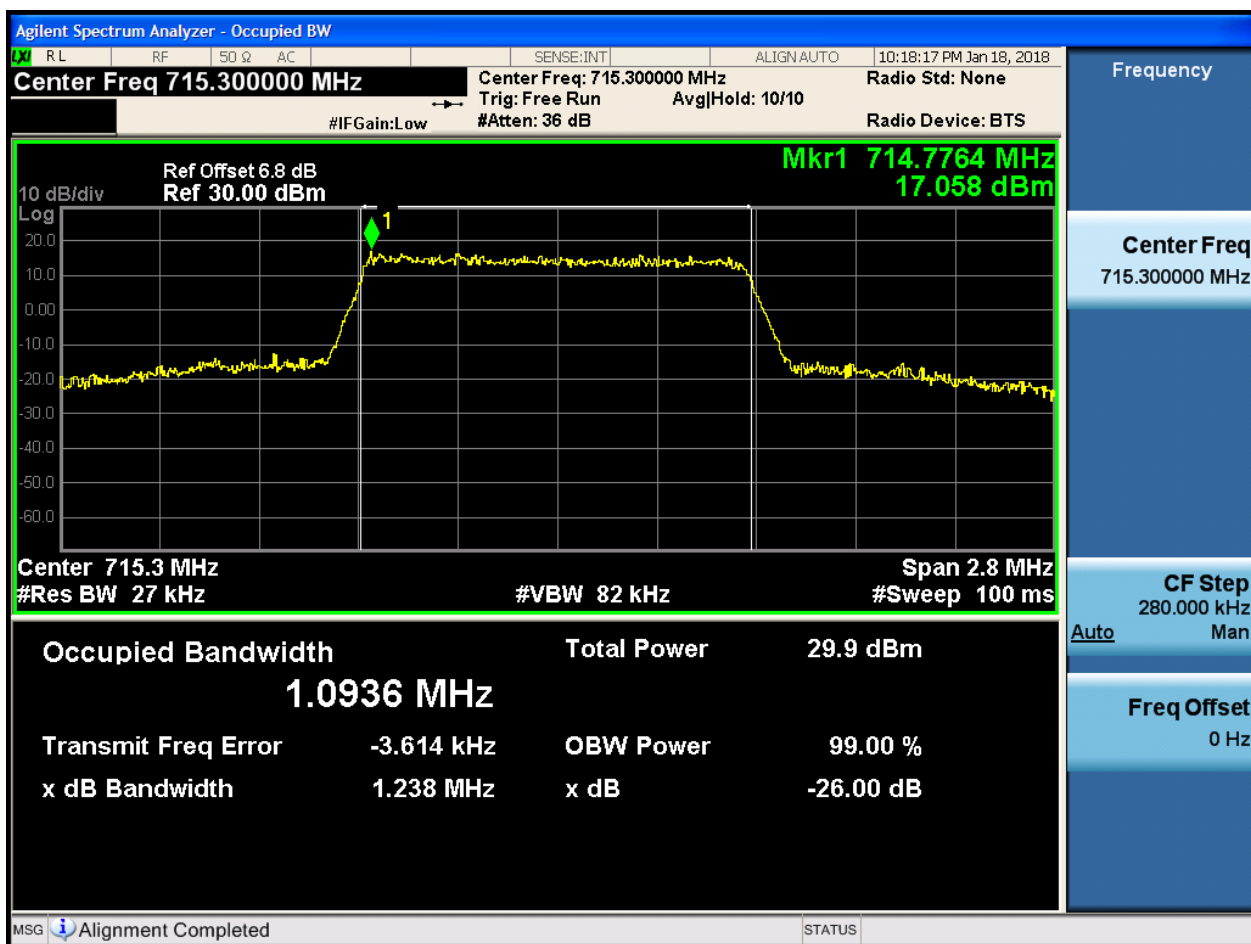
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

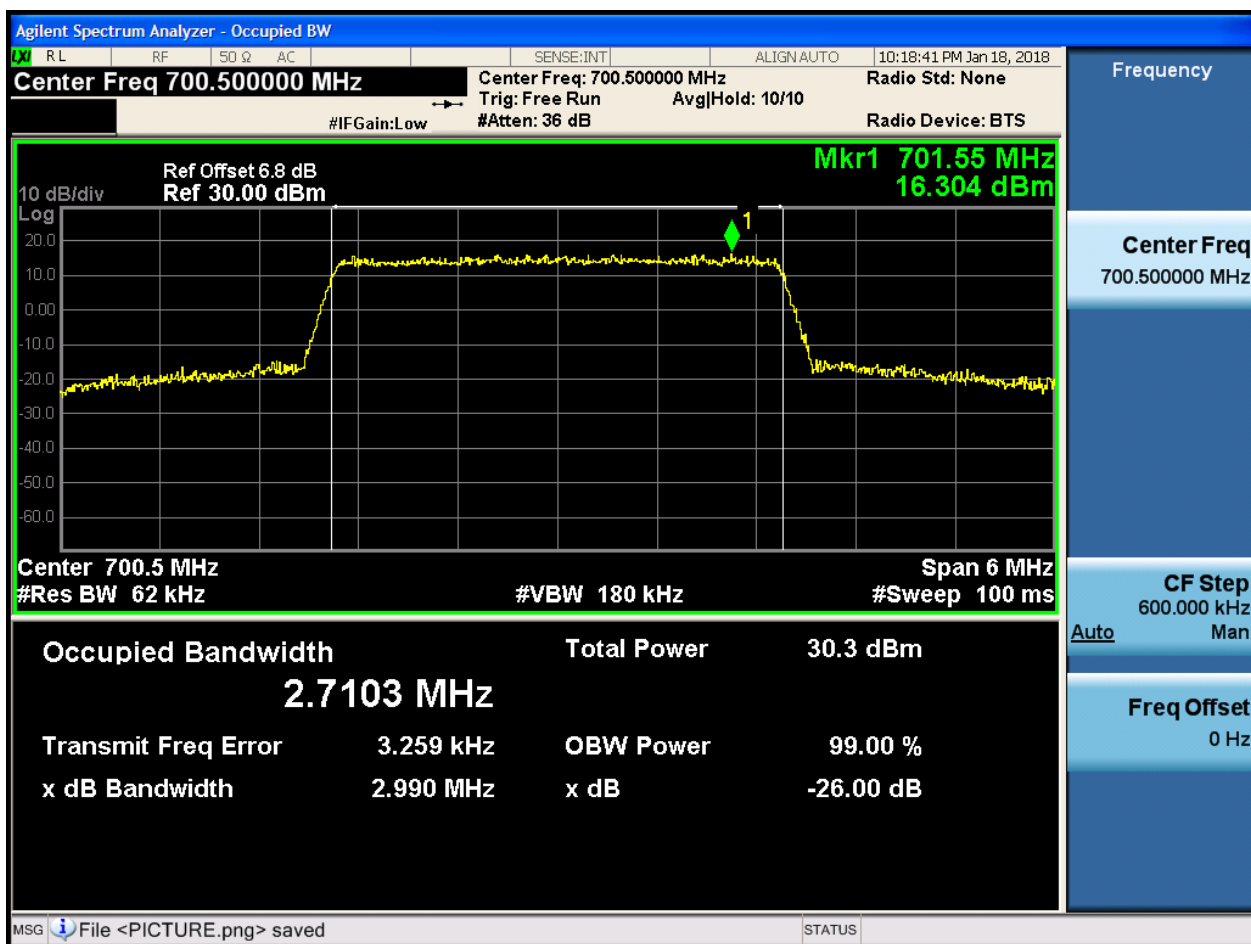
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

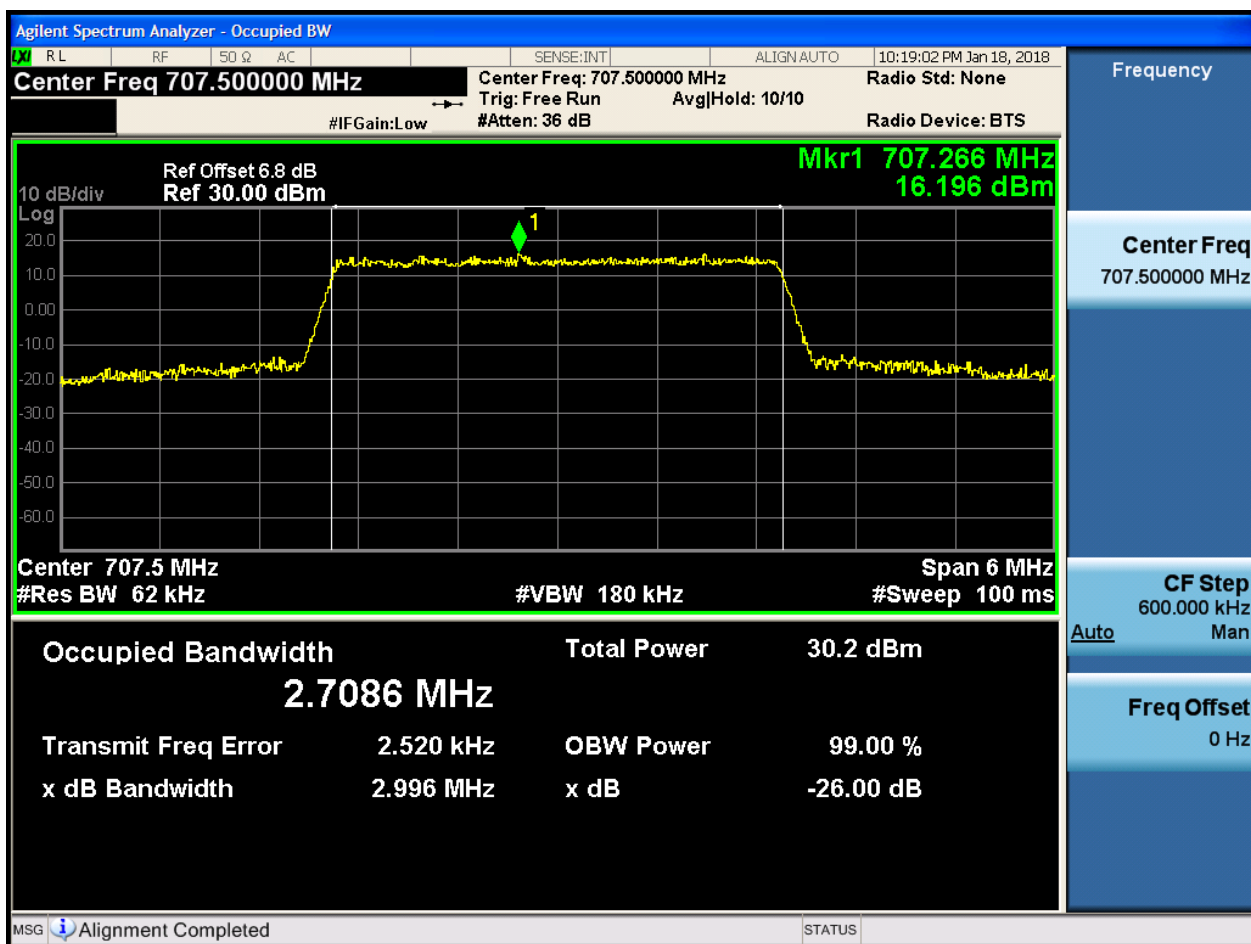
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



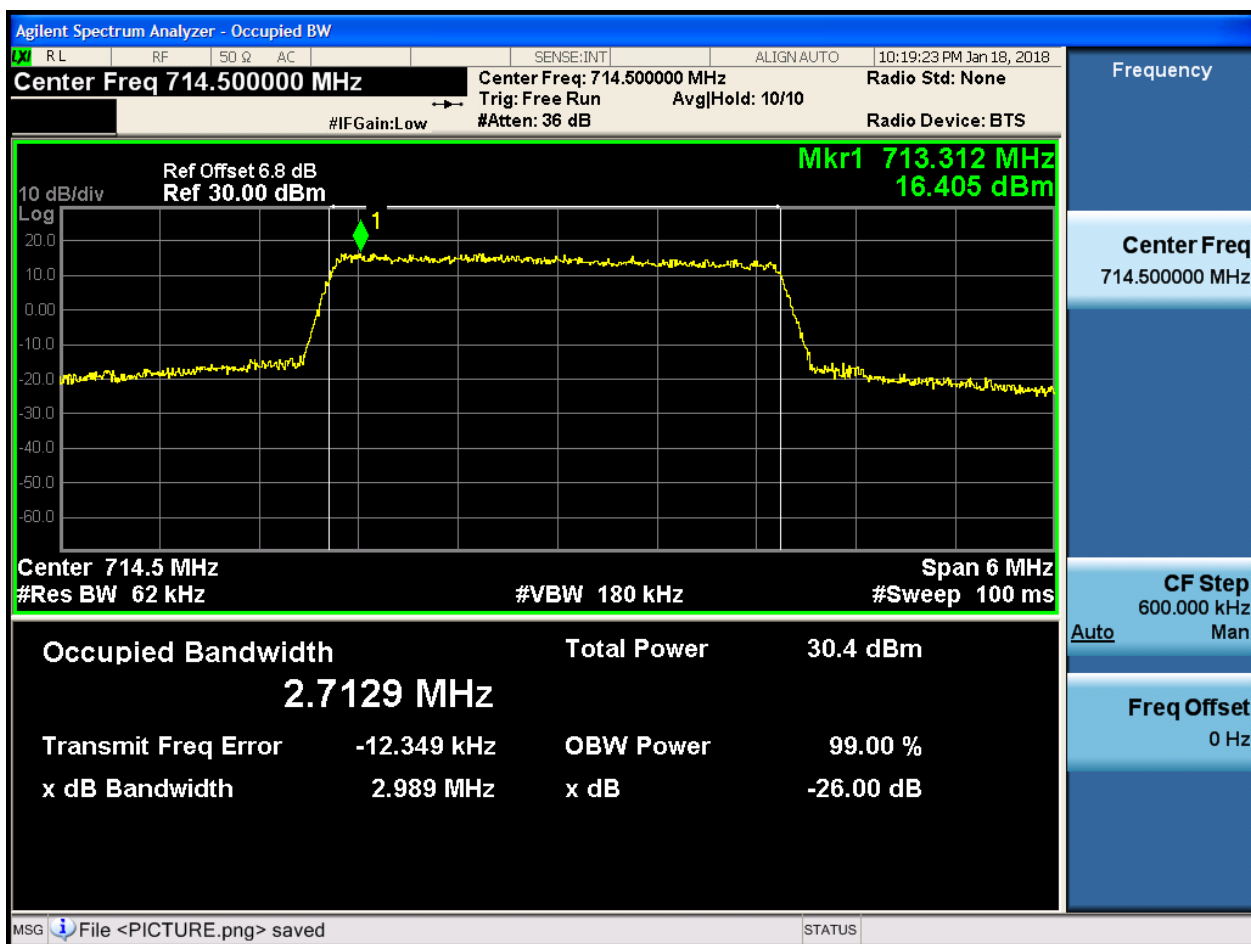
4.1.1.2.2.2 Test Channel = MCH

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

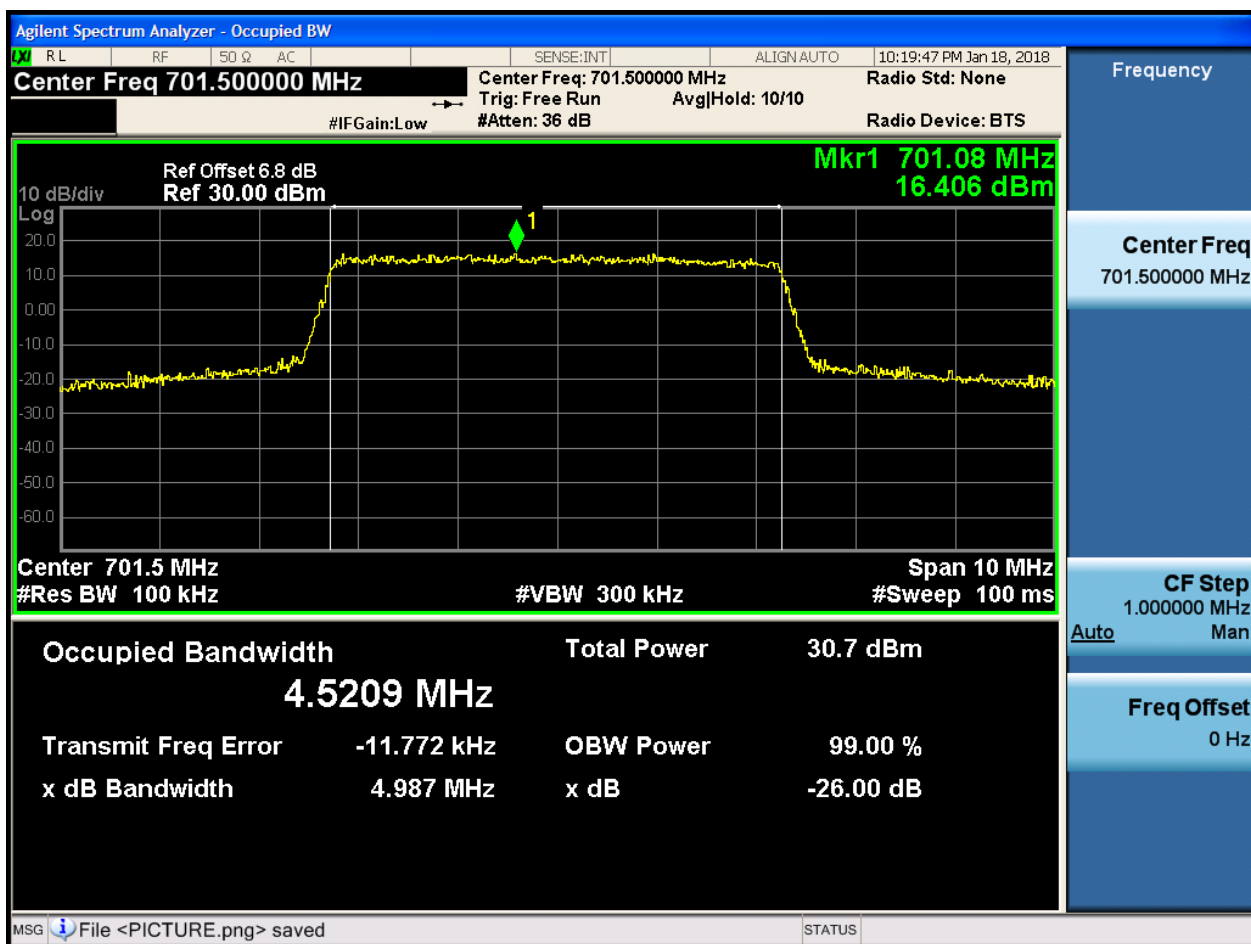




4.1.1.2.3 Test Bandwidth = 5

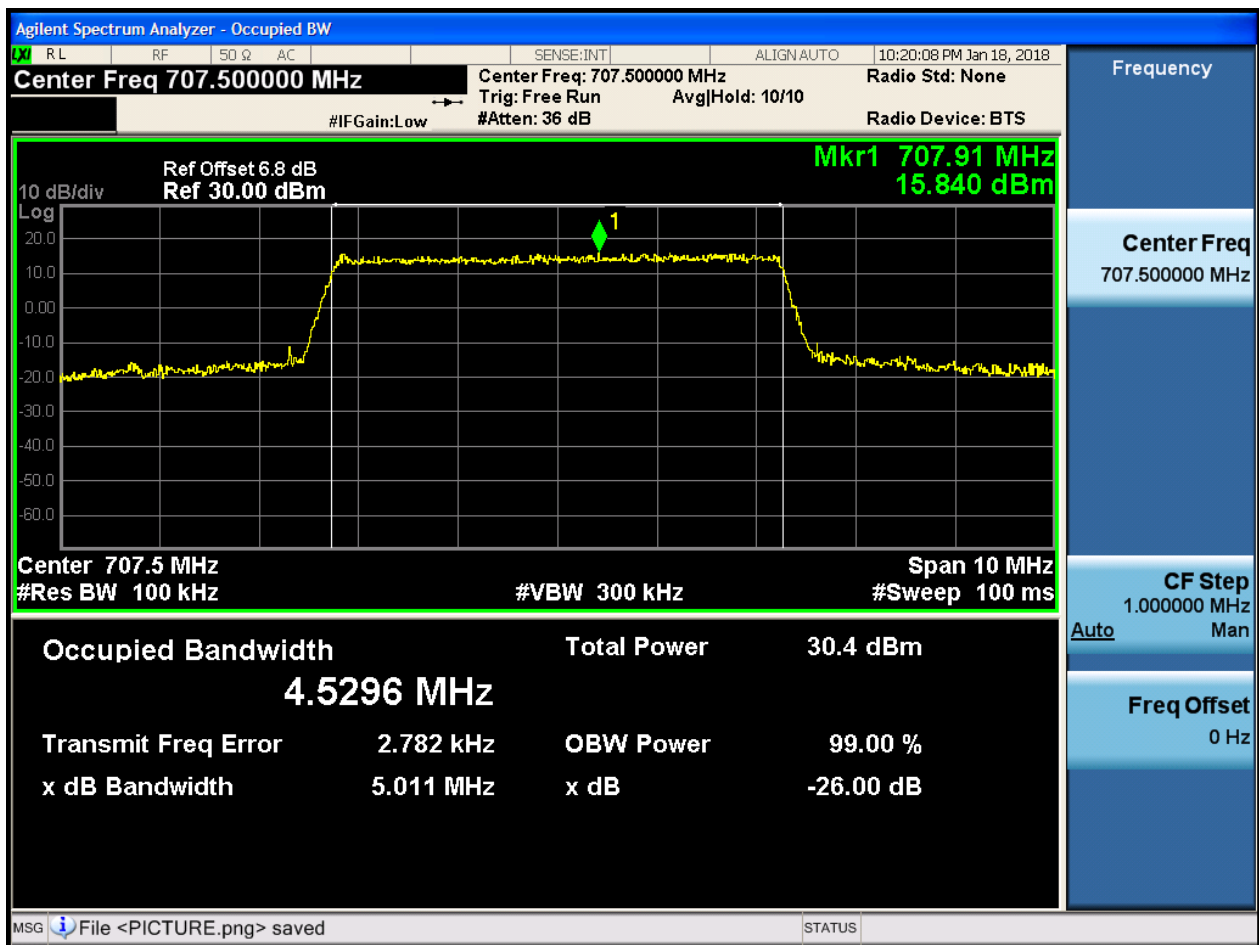
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



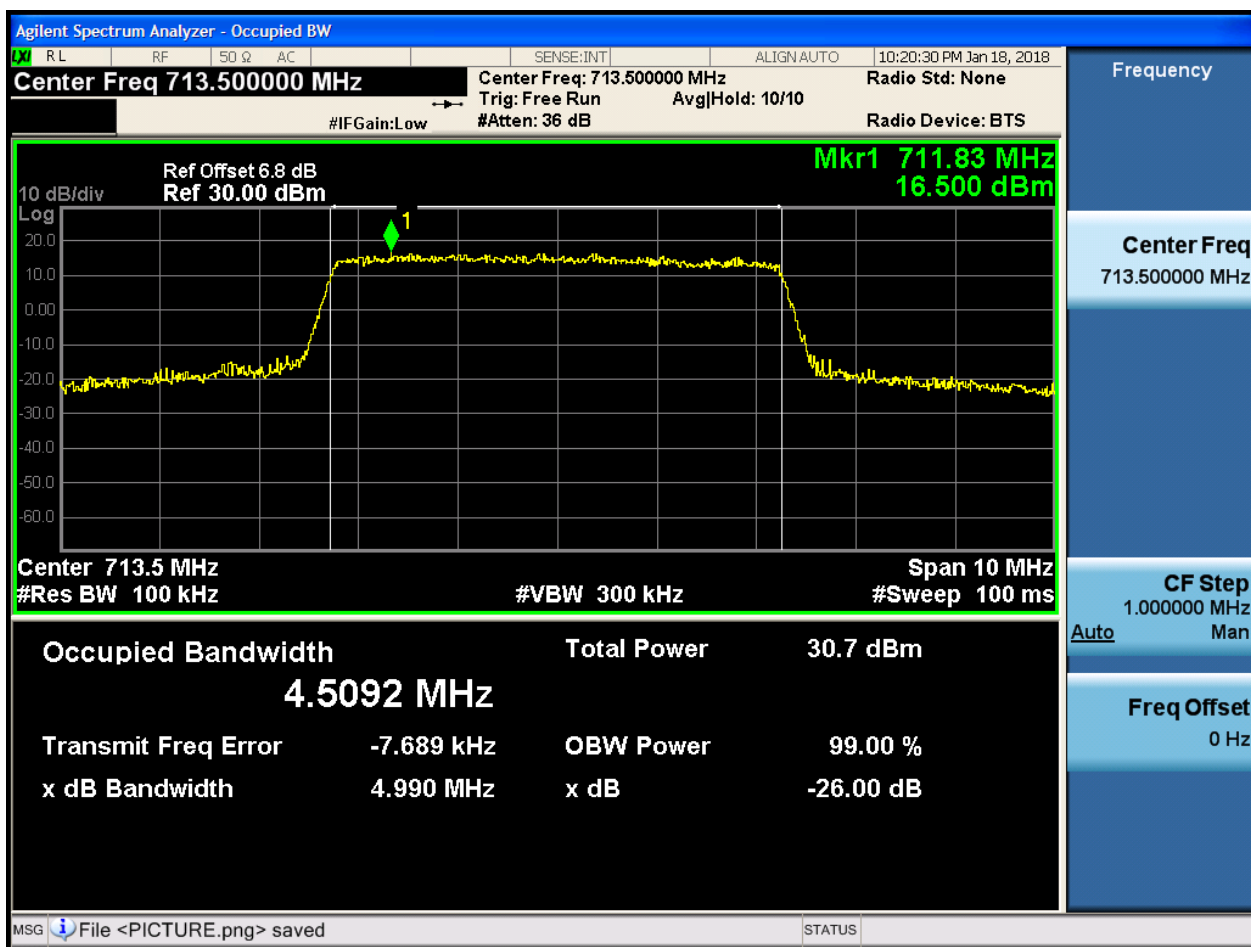
4.1.1.2.3.2 Test Channel = MCH

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

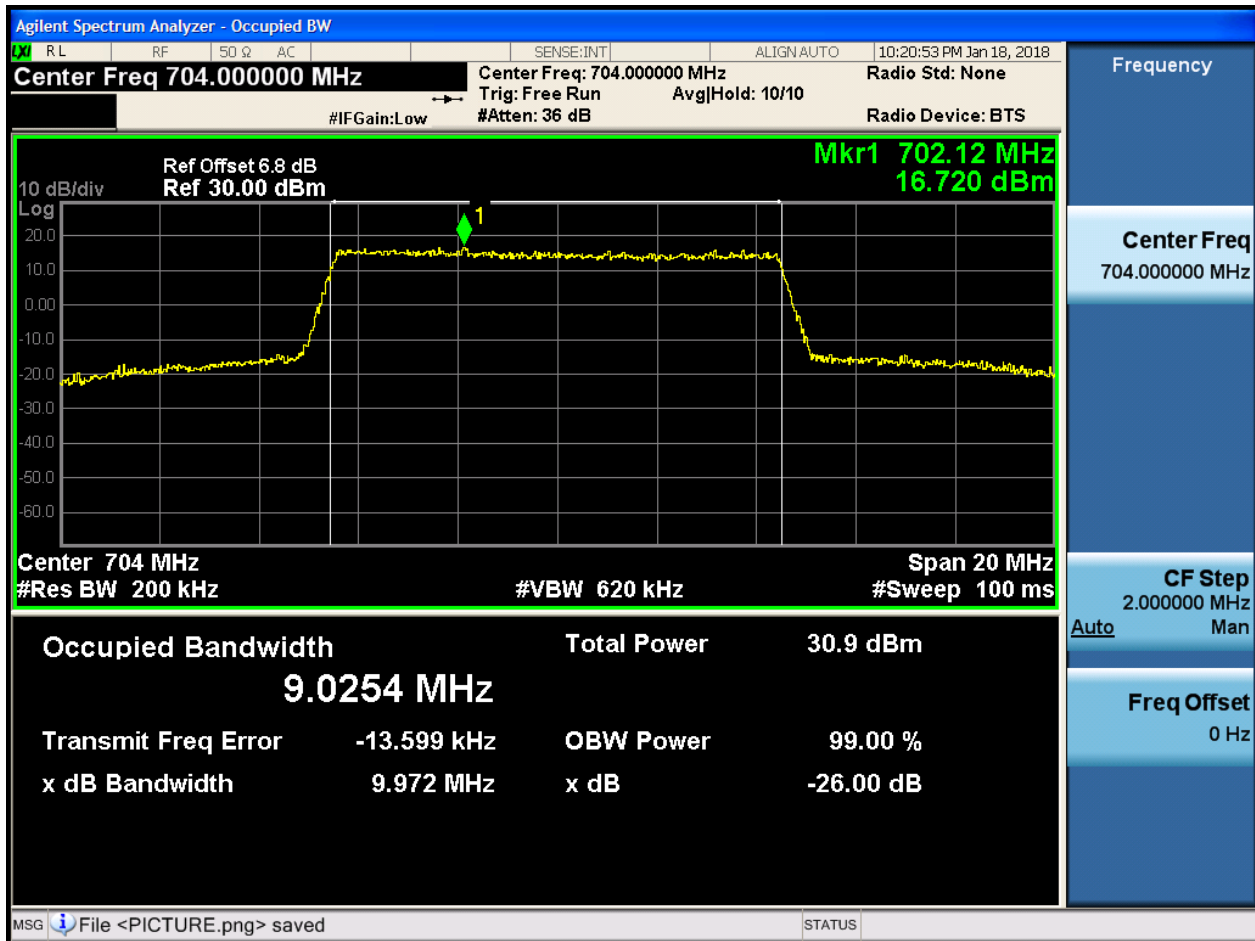




4.1.1.2.4 Test Bandwidth = 10

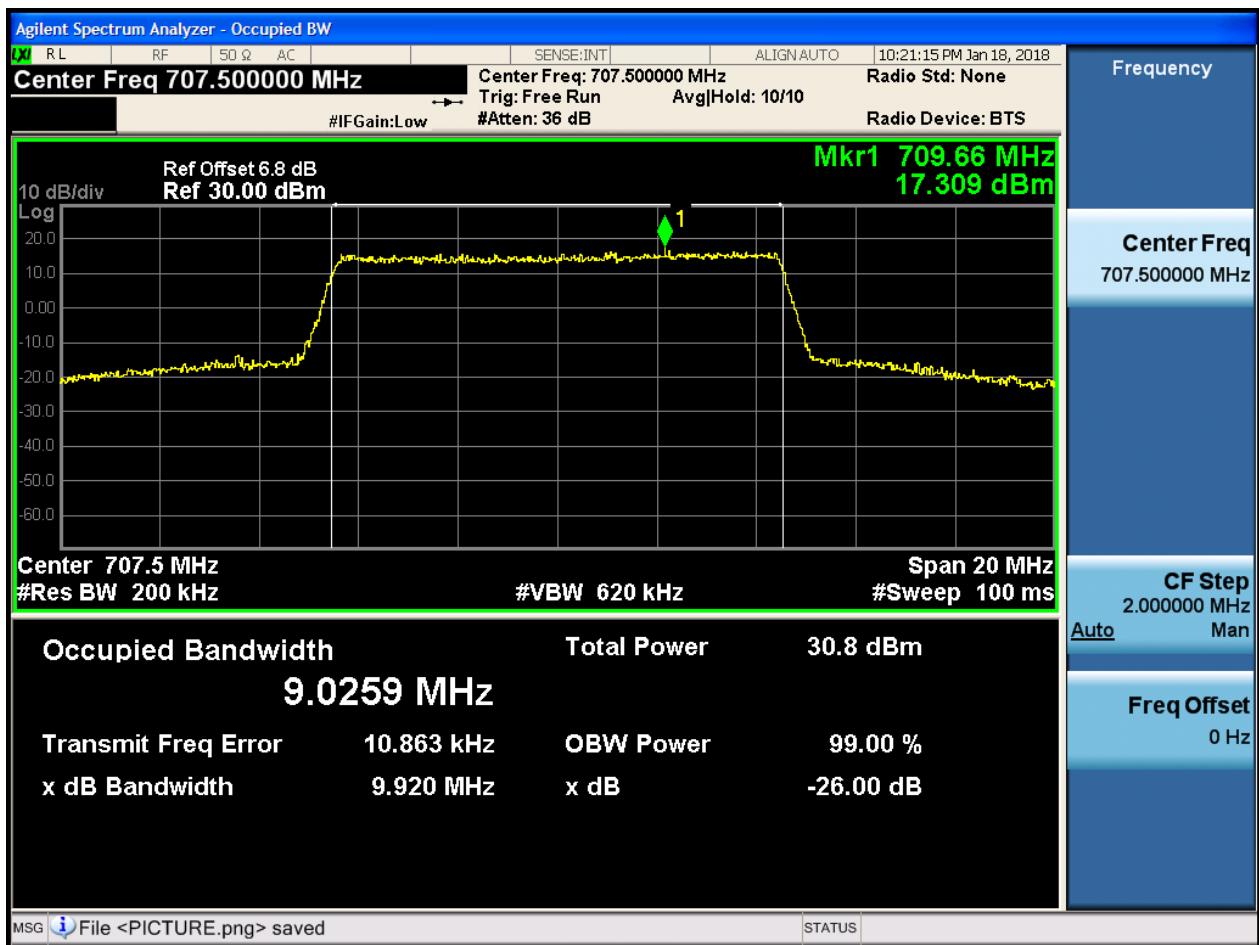
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



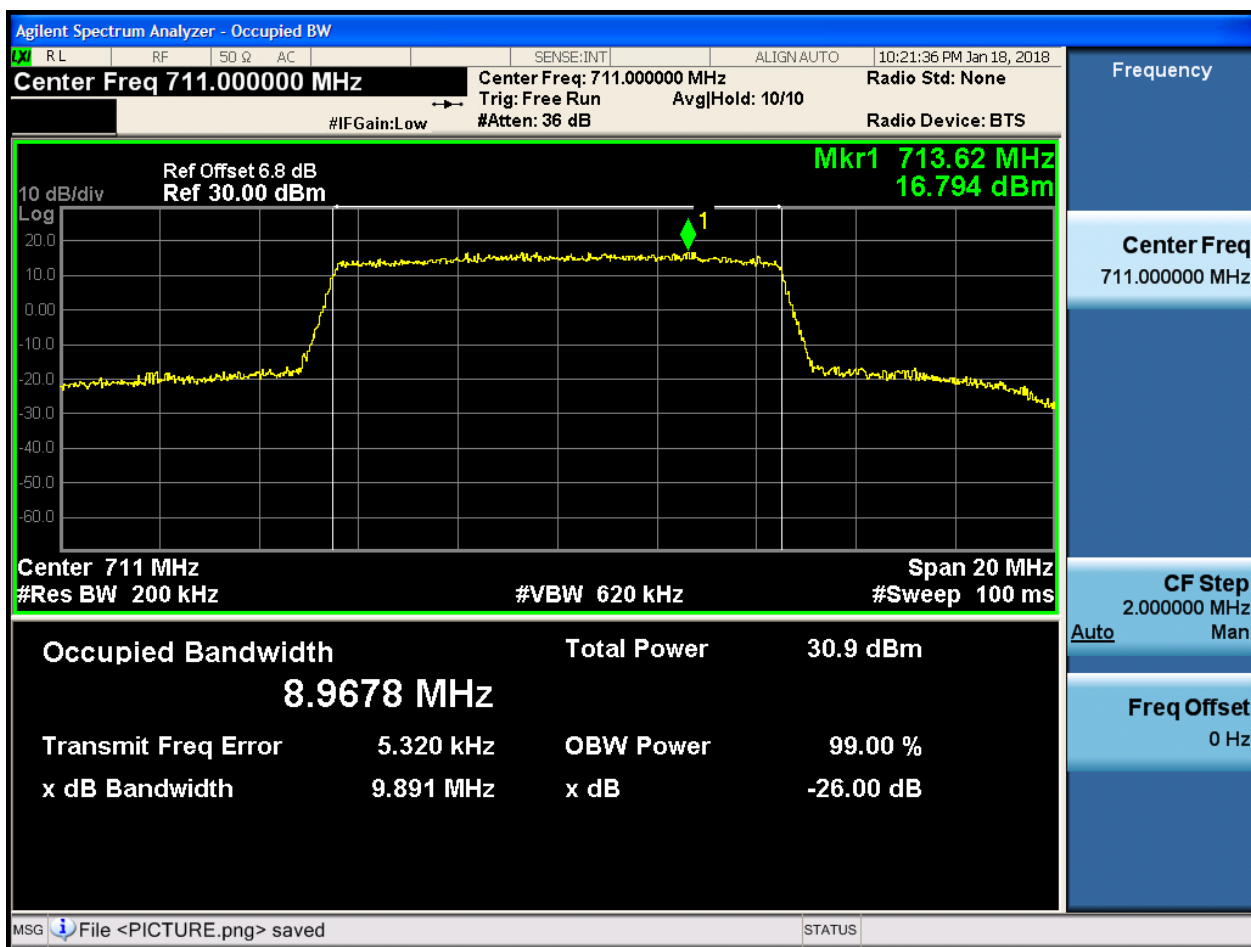
4.1.1.2.4.2 Test Channel = MCH

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

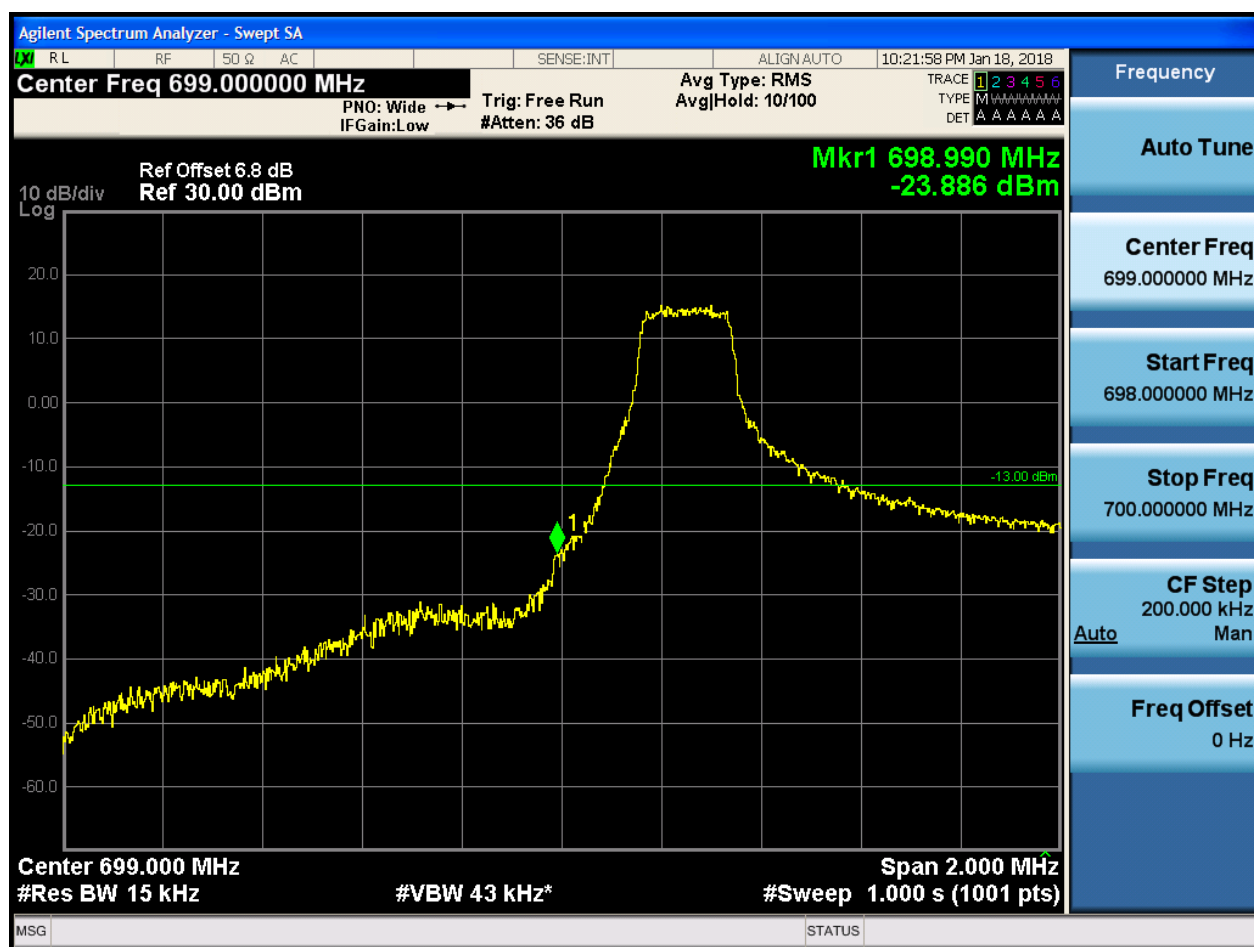
5.1.1 Test Band = BAND12

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

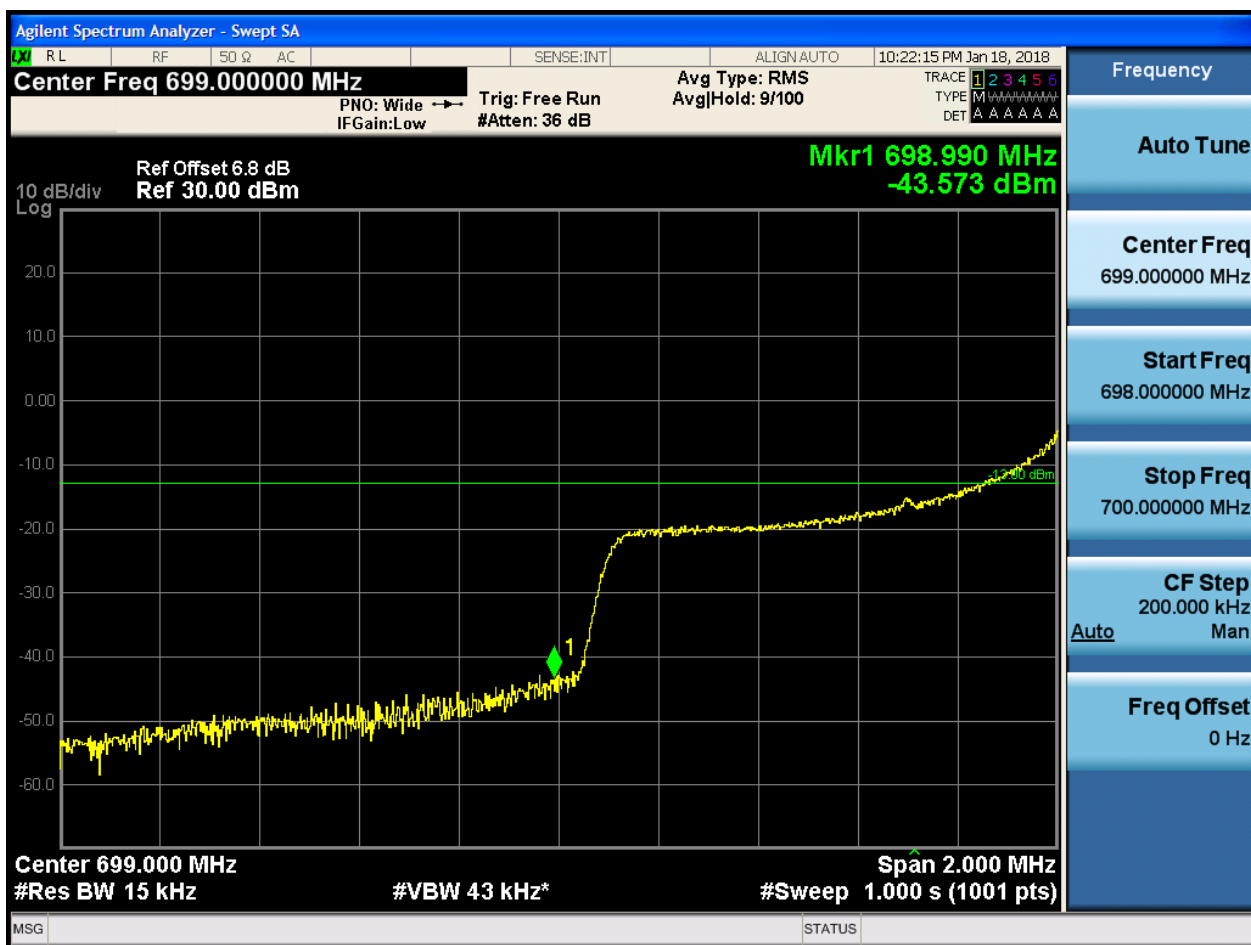
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



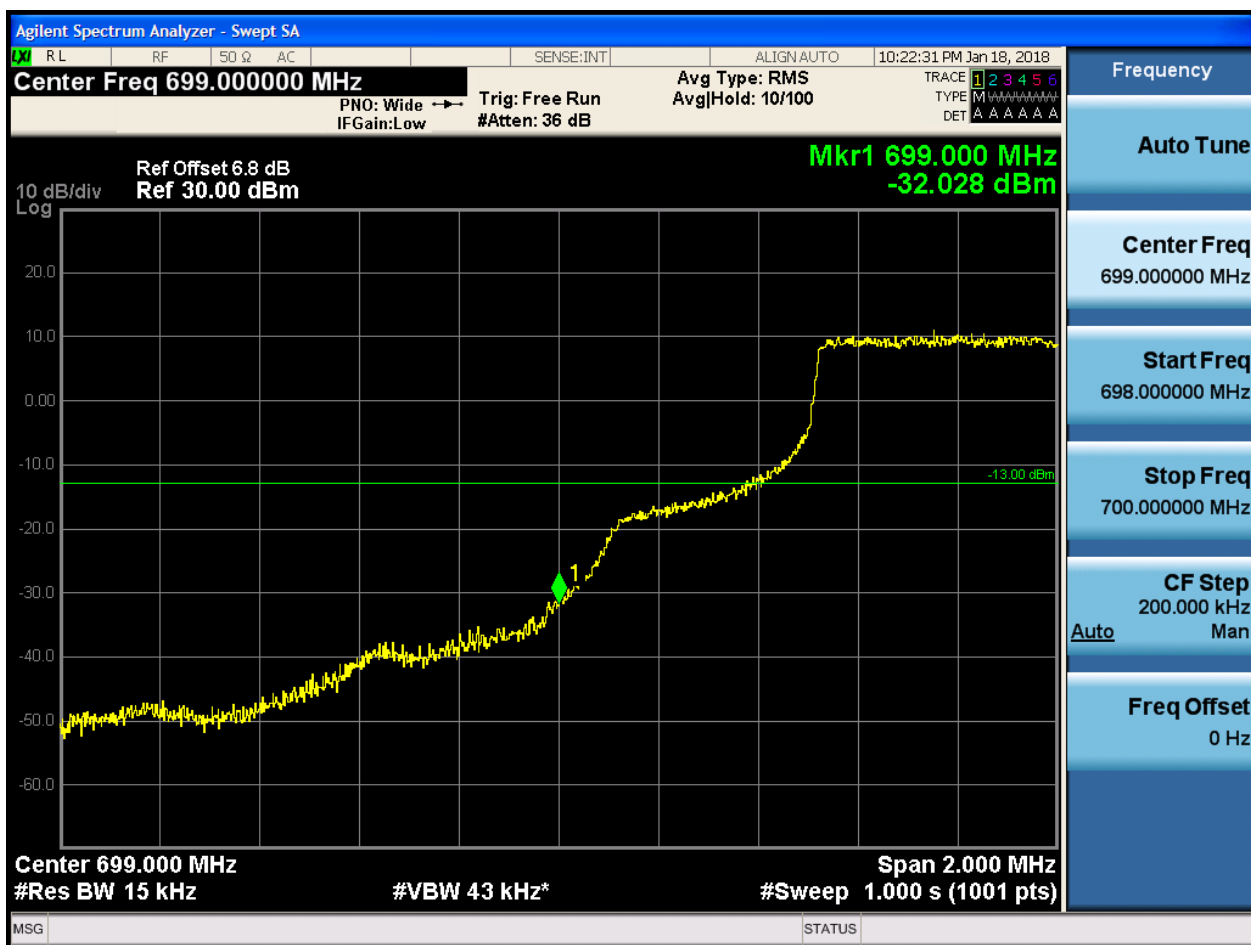


5.1.1.1.1.2 Test RB = RB1#5





5.1.1.1.1.3 Test RB = RB3#2





Agilent Spectrum Analyzer - Swept SA

Center Freq 699.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 698.990 MHz
-26.230 dBm

Center 699.000 MHz
#Res BW 15 kHz

#VBW 43 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

Center 699.000 MHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG

STATUS



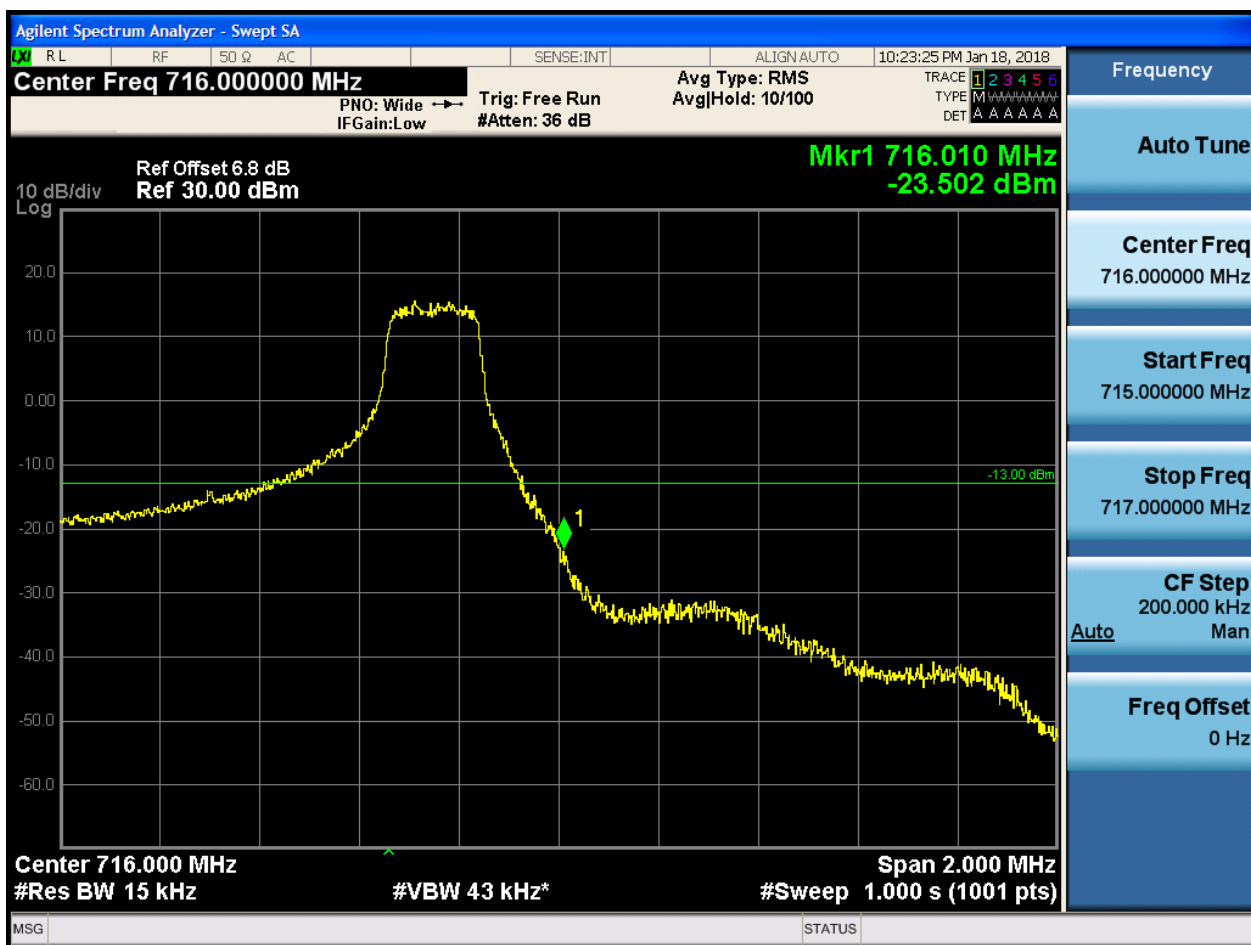
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:51:16 PM Jan 27, 2018

Center Freq 716.000000 MHz Avg Type: RMS
PNO: Wide IFGain:Low Trig: Free Run AvgHold: 9/100
#Atten: 36 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Ref Offset 6.9 dB
Ref 30.00 dBm

Mkr1 716.100 MHz
-27.282 dBm

10 dB/div
Log

Center 716.000 MHz
#Res BW 15 kHz
#VBW 43 kHz

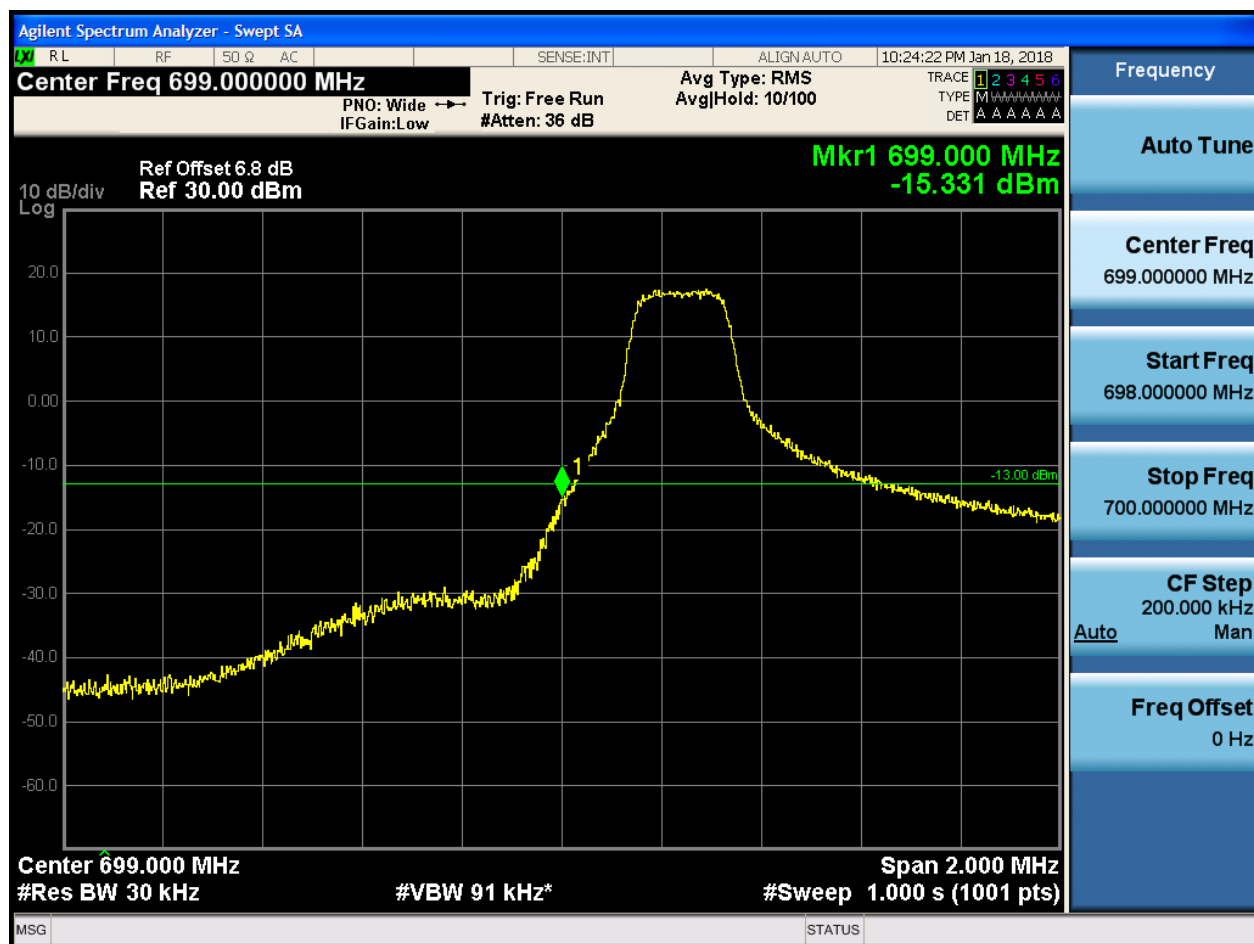
Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

MSG STATUS

5.1.1.1.2 Test Bandwidth = 3

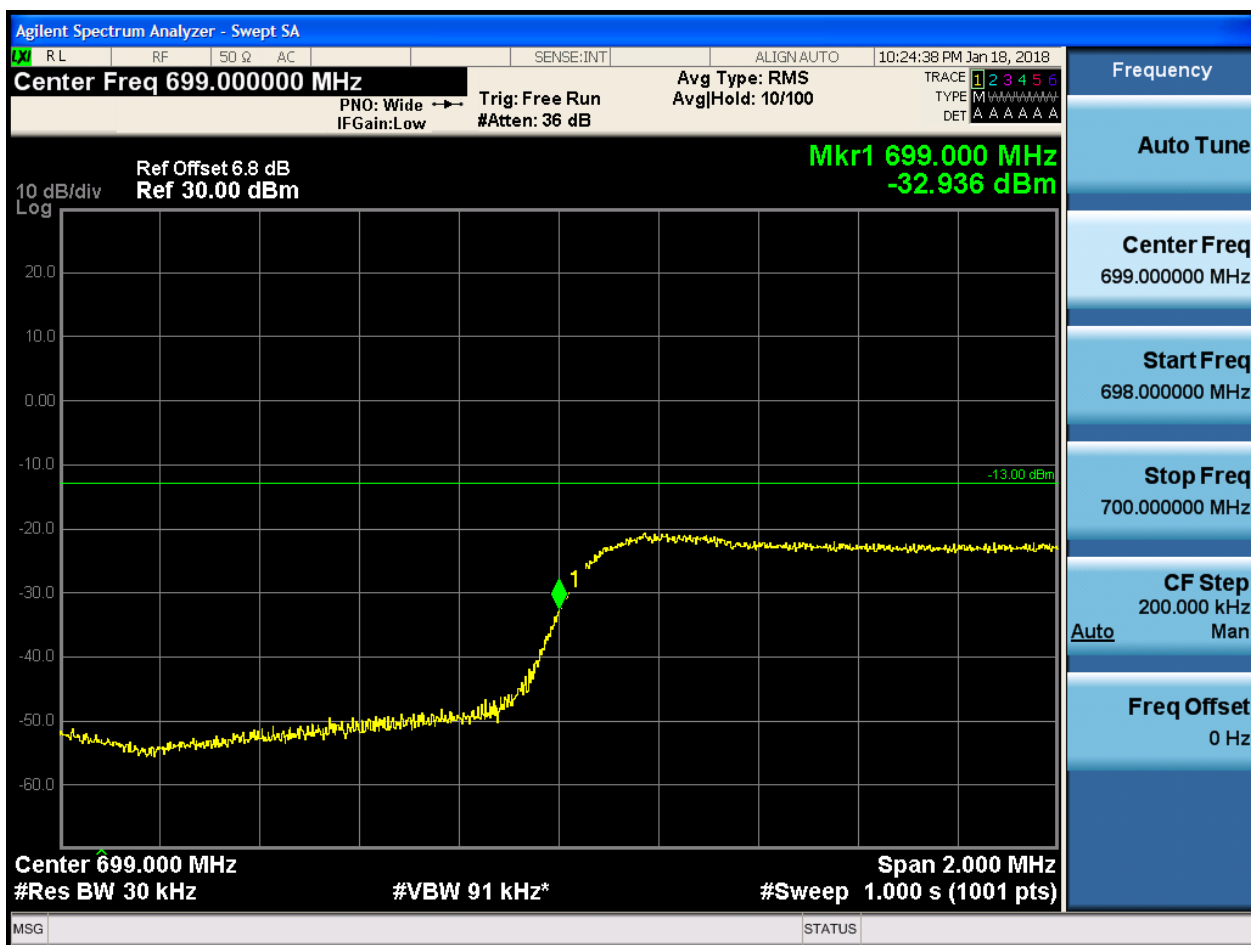
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



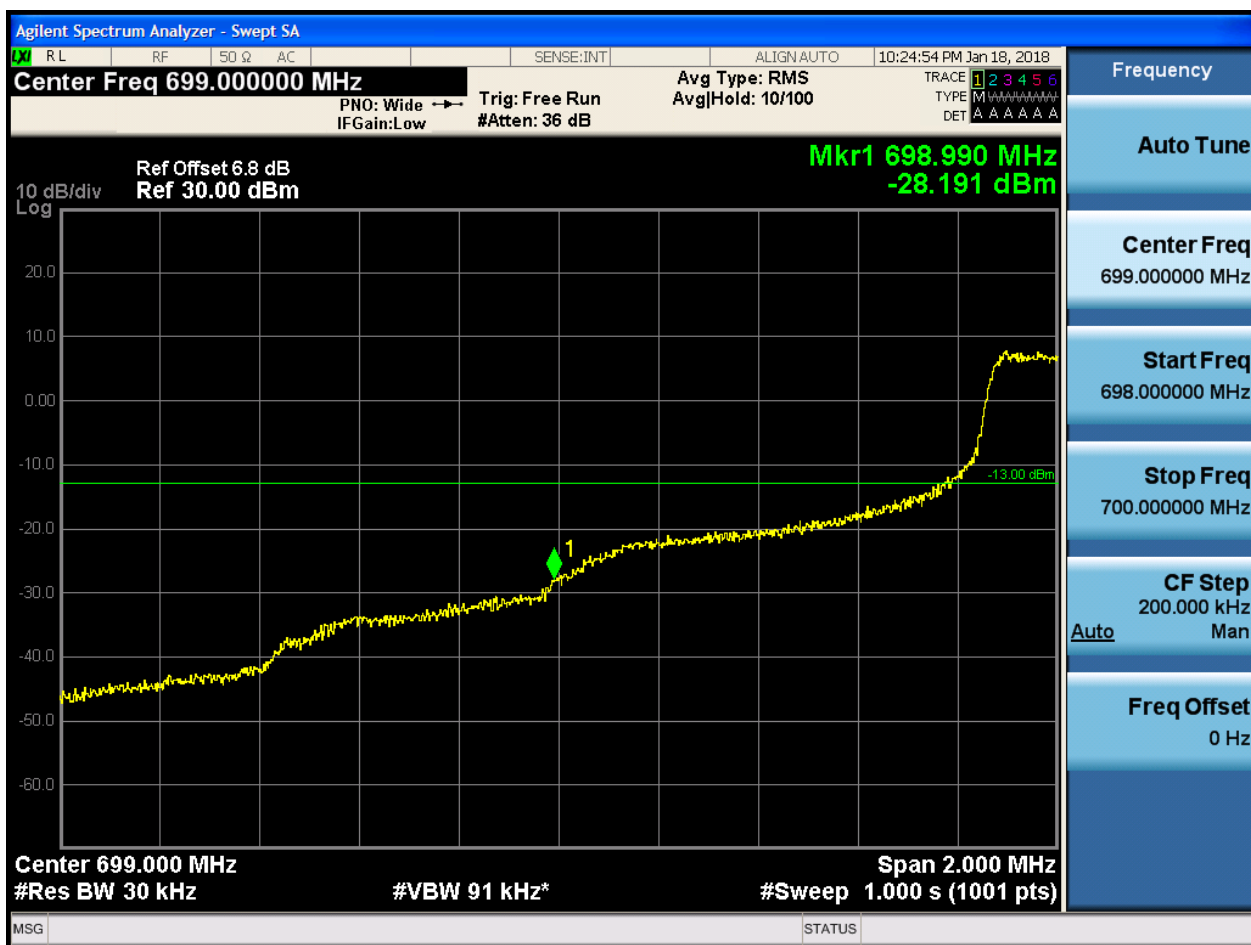


5.1.1.1.2.1.2 Test RB = RB1#14



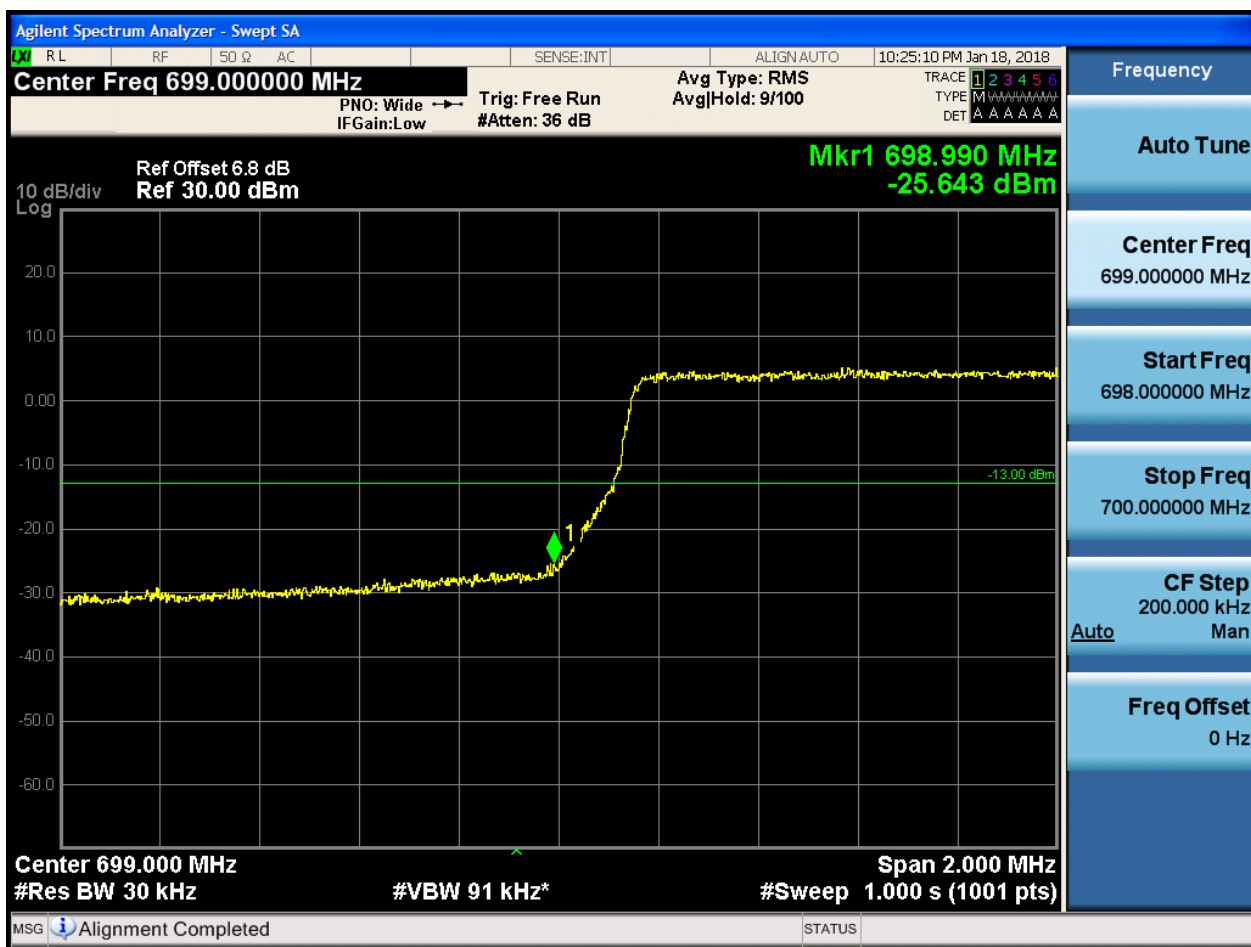


5.1.1.1.2.1.3 Test RB = RB8#4





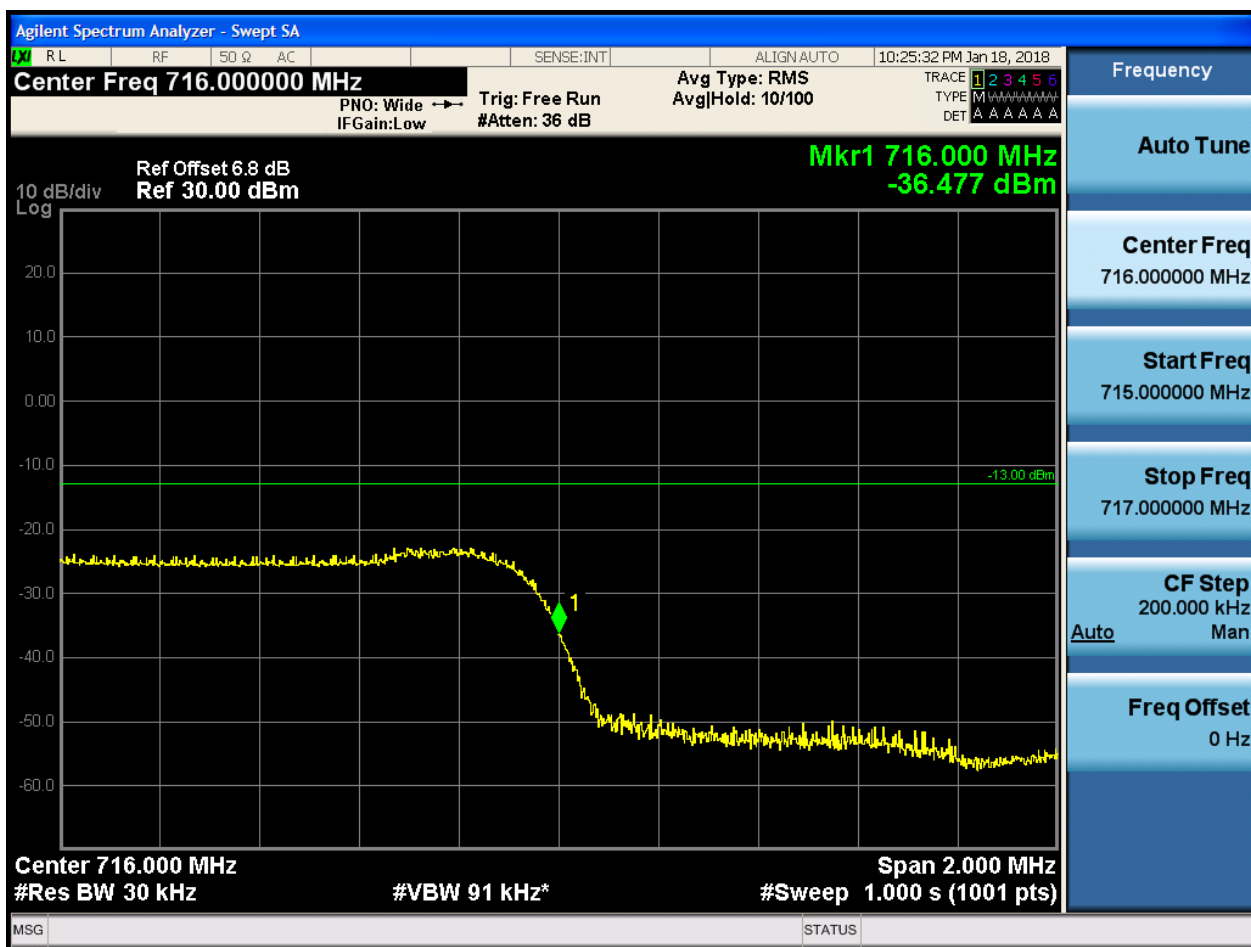
5.1.1.1.2.1.4 Test RB = RB15#0





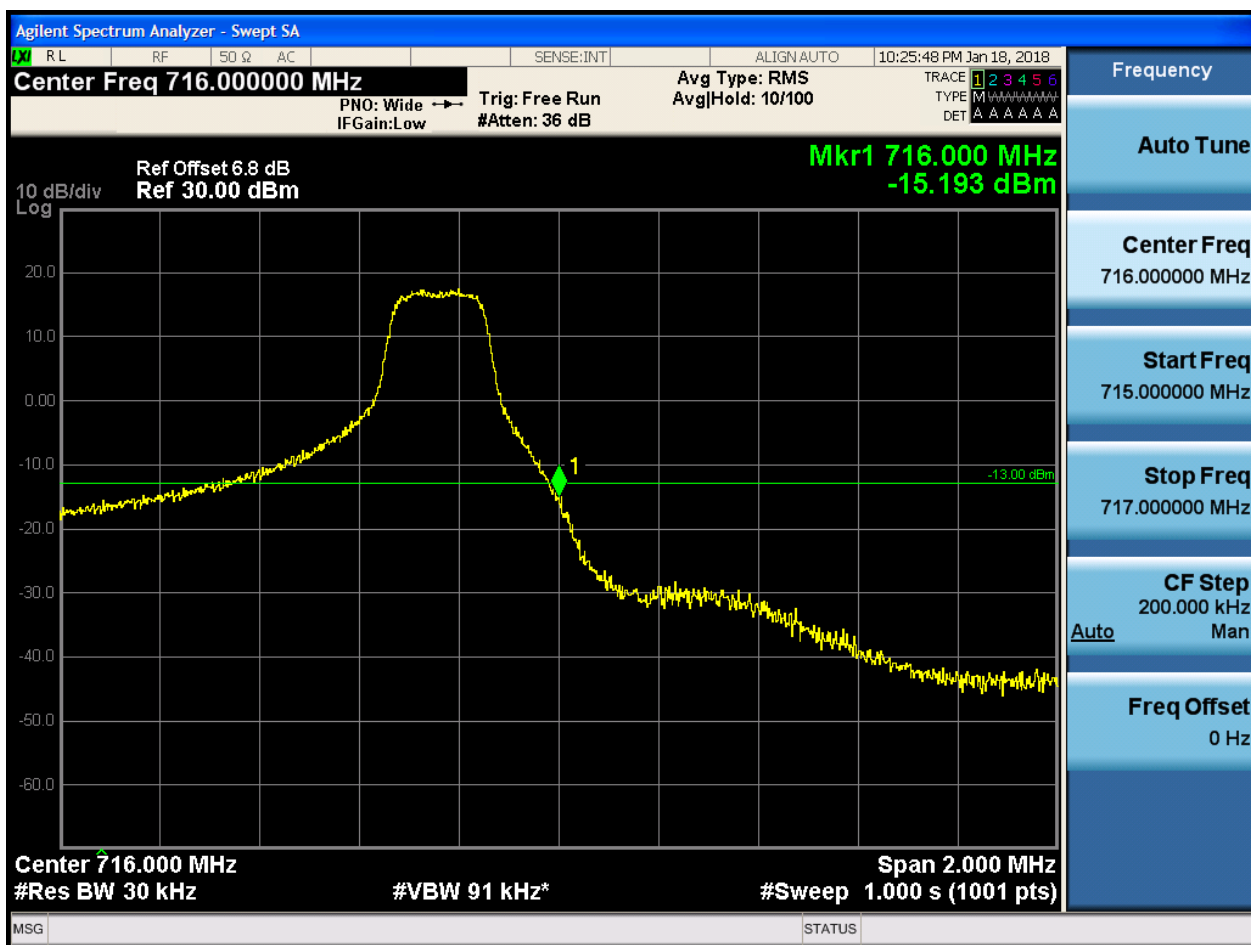
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





Agilent Spectrum Analyzer - Swept SA

Center Freq 716.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 716.010 MHz
-27.930 dBm

Center 716.000 MHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.000 s (1001 pts)

Auto Tune

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



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

