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	21.63	16.28	34.7	PASS
				RB1#3	21.71	16.36	34.7	PASS
				RB1#5	21.63	16.28	34.7	PASS
				RB3#0	21.5	16.15	34.7	PASS
				RB3#2	21.56	16.21	34.7	PASS
				RB3#3	21.6	16.25	34.7	PASS
				RB6#0	20.61	15.26	34.7	PASS
			MCH	RB1#0	22.28	16.93	34.7	PASS
				RB1#3	22.36	17.01	34.7	PASS
				RB1#5	22.23	16.88	34.7	PASS
				RB3#0	22.28	16.93	34.7	PASS
				RB3#2	22.22	16.87	34.7	PASS
				RB3#3	22.14	16.79	34.7	PASS
				RB6#0	21.22	15.87	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.2	16.85	34.7	PASS
				RB1#3	22.18	16.83	34.7	PASS
				RB1#5	22.06	16.71	34.7	PASS
				RB3#0	22.04	16.69	34.7	PASS
				RB3#2	22.08	16.73	34.7	PASS
				RB3#3	22.01	16.66	34.7	PASS
				RB6#0	21.11	15.76	34.7	PASS
		3	LCH	RB1#0	21.44	16.09	34.7	PASS
				RB1#7	21.89	16.54	34.7	PASS
				RB1#14	21.8	16.45	34.7	PASS
				RB8#0	20.7	15.35	34.7	PASS
				RB8#4	20.87	15.52	34.7	PASS
				RB8#7	20.91	15.56	34.7	PASS
				RB15#0	20.81	15.46	34.7	PASS
			MCH	RB1#0	22.28	16.93	34.7	PASS
				RB1#7	22.39	17.04	34.7	PASS
				RB1#14	22.04	16.69	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.27	15.92	34.7	PASS
				RB8#4	21.29	15.94	34.7	PASS
				RB8#7	21.21	15.86	34.7	PASS
				RB15#0	21.23	15.88	34.7	PASS
			HCH	RB1#0	22.08	16.73	34.7	PASS
				RB1#7	22.36	17.01	34.7	PASS
				RB1#14	21.81	16.46	34.7	PASS
				RB8#0	21.23	15.88	34.7	PASS
				RB8#4	21.27	15.92	34.7	PASS
				RB8#7	20.95	15.6	34.7	PASS
				RB15#0	21.09	15.74	34.7	PASS
		5	LCH	RB1#0	21.41	16.06	34.7	PASS
				RB1#13	22.07	16.72	34.7	PASS
				RB1#24	22.67	17.32	34.7	PASS
				RB12#0	20.75	15.4	34.7	PASS
				RB12#6	20.99	15.64	34.7	PASS
				RB12#13	21.05	15.7	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.87	15.52	34.7	PASS
			MCH	RB1#0	22.14	16.79	34.7	PASS
				RB1#13	22.29	16.94	34.7	PASS
				RB1#24	22.8	17.45	34.7	PASS
				RB12#0	21.3	15.95	34.7	PASS
				RB12#6	21.37	16.02	34.7	PASS
				RB12#13	21.02	15.67	34.7	PASS
				RB25#0	21.06	15.71	34.7	PASS
			HCH	RB1#0	21.85	16.5	34.7	PASS
				RB1#13	22.14	16.79	34.7	PASS
				RB1#24	22.57	17.22	34.7	PASS
				RB12#0	21.05	15.7	34.7	PASS
				RB12#6	21.08	15.73	34.7	PASS
				RB12#13	21.1	15.75	34.7	PASS
				RB25#0	21.06	15.71	34.7	PASS
		10	LCH	RB1#0	22	16.65	34.7	PASS
				RB1#25	22.76	17.41	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.28	16.93	34.7	PASS
				RB25#0	21.34	15.99	34.7	PASS
				RB25#13	21.67	16.32	34.7	PASS
				RB25#25	21.42	16.07	34.7	PASS
				RB50#0	21.35	16	34.7	PASS
			MCH	RB1#0	22.38	17.03	34.7	PASS
				RB1#25	22.86	17.51	34.7	PASS
				RB1#49	22.03	16.68	34.7	PASS
				RB25#0	21.54	16.19	34.7	PASS
				RB25#13	21.57	16.22	34.7	PASS
				RB25#25	21.44	16.09	34.7	PASS
				RB50#0	21.6	16.25	34.7	PASS
			HCH	RB1#0	22.43	17.08	34.7	PASS
				RB1#25	22.62	17.27	34.7	PASS
				RB1#49	22.04	16.69	34.7	PASS
				RB25#0	21.67	16.32	34.7	PASS
				RB25#13	21.61	16.26	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.47	16.12	34.7	PASS
				RB50#0	21.6	16.25	34.7	PASS
			LCH	RB1#0	20.77	15.42	34.7	PASS
				RB1#3	20.93	15.58	34.7	PASS
				RB1#5	20.88	15.53	34.7	PASS
				RB3#0	20.65	15.3	34.7	PASS
				RB3#2	20.72	15.37	34.7	PASS
				RB3#3	20.72	15.37	34.7	PASS
				RB6#0	19.73	14.38	34.7	PASS
	LTE/TM2	1.4		RB1#0	21.3	15.95	34.7	PASS
				RB1#3	21.34	15.99	34.7	PASS
				RB1#5	21.25	15.9	34.7	PASS
			MCH	RB3#0	21.4	16.05	34.7	PASS
				RB3#2	21.36	16.01	34.7	PASS
				RB3#3	21.28	15.93	34.7	PASS
				RB6#0	20.45	15.1	34.7	PASS
			HCH	RB1#0	21.51	16.16	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	21.53	16.18	34.7	PASS
				RB1#5	21.38	16.03	34.7	PASS
				RB3#0	21.25	15.9	34.7	PASS
				RB3#2	21.22	15.87	34.7	PASS
				RB3#3	21.15	15.8	34.7	PASS
				RB6#0	20.26	14.91	34.7	PASS
			LCH	RB1#0	20.72	15.37	34.7	PASS
				RB1#7	21.13	15.78	34.7	PASS
				RB1#14	21.02	15.67	34.7	PASS
		3		RB8#0	19.8	14.45	34.7	PASS
				RB8#4	19.97	14.62	34.7	PASS
				RB8#7	19.98	14.63	34.7	PASS
				RB15#0	19.9	14.55	34.7	PASS
			MCH	RB1#0	21.46	16.11	34.7	PASS
				RB1#7	21.61	16.26	34.7	PASS
				RB1#14	21.29	15.94	34.7	PASS
				RB8#0	20.35	15	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	20.36	15.01	34.7	PASS
				RB8#7	20.29	14.94	34.7	PASS
				RB15#0	20.31	14.96	34.7	PASS
			HCH	RB1#0	21.37	16.02	34.7	PASS
				RB1#7	21.67	16.32	34.7	PASS
				RB1#14	21.29	15.94	34.7	PASS
				RB8#0	20.36	15.01	34.7	PASS
				RB8#4	20.42	15.07	34.7	PASS
				RB8#7	20.08	14.73	34.7	PASS
				RB15#0	20.21	14.86	34.7	PASS
		5	LCH	RB1#0	20.61	15.26	34.7	PASS
				RB1#13	21.27	15.92	34.7	PASS
				RB1#24	21.95	16.6	34.7	PASS
				RB12#0	19.76	14.41	34.7	PASS
				RB12#6	19.98	14.63	34.7	PASS
				RB12#13	20.01	14.66	34.7	PASS
				RB25#0	19.95	14.6	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.26	15.91	34.7	PASS
				RB1#13	21.39	16.04	34.7	PASS
				RB1#24	21.93	16.58	34.7	PASS
				RB12#0	20.33	14.98	34.7	PASS
				RB12#6	20.51	15.16	34.7	PASS
				RB12#13	20.08	14.73	34.7	PASS
				RB25#0	20.1	14.75	34.7	PASS
			HCH	RB1#0	21.17	15.82	34.7	PASS
				RB1#13	21.48	16.13	34.7	PASS
				RB1#24	22.03	16.68	34.7	PASS
				RB12#0	20.16	14.81	34.7	PASS
				RB12#6	20.17	14.82	34.7	PASS
				RB12#13	20.24	14.89	34.7	PASS
				RB25#0	20.13	14.78	34.7	PASS
		10	LCH	RB1#0	20.87	15.52	34.7	PASS
				RB1#25	21.8	16.45	34.7	PASS
				RB1#49	21.07	15.72	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.35	15	34.7	PASS
				RB25#13	20.68	15.33	34.7	PASS
				RB25#25	20.42	15.07	34.7	PASS
				RB50#0	20.37	15.02	34.7	PASS
			MCH	RB1#0	21.62	16.27	34.7	PASS
				RB1#25	21.93	16.58	34.7	PASS
				RB1#49	21.1	15.75	34.7	PASS
				RB25#0	20.59	15.24	34.7	PASS
				RB25#13	20.61	15.26	34.7	PASS
				RB25#25	20.53	15.18	34.7	PASS
				RB50#0	20.57	15.22	34.7	PASS
			HCH	RB1#0	21.79	16.44	34.7	PASS
				RB1#25	21.78	16.43	34.7	PASS
				RB1#49	21.23	15.88	34.7	PASS
				RB25#0	20.71	15.36	34.7	PASS
				RB25#13	20.73	15.38	34.7	PASS
				RB25#25	20.48	15.13	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.61	15.26	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,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b, SGP=Signal Generator Level

Note2:

SET Span=1.5*OBW

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

SET VBW>= 3*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	4.63	13	PASS
				RB1#3	4.6	13	PASS
				RB1#5	4.65	13	PASS
				RB3#0	5.04	13	PASS
				RB3#2	5.04	13	PASS
				RB3#3	5.1	13	PASS
				RB6#0	5.76	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#3	4.64	13	PASS
				RB1#5	4.68	13	PASS
				RB3#0	5.11	13	PASS
				RB3#2	5.06	13	PASS
				RB3#3	5.18	13	PASS
				RB6#0	5.6	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#3	4.72	13	PASS
				RB1#5	4.63	13	PASS
				RB3#0	5.06	13	PASS
				RB3#2	4.88	13	PASS
				RB3#3	4.9	13	PASS
				RB6#0	5.44	13	PASS
		3	LCH	RB1#0	4.81	13	PASS
				RB1#7	4.76	13	PASS
				RB1#14	4.85	13	PASS
				RB8#0	5.56	13	PASS
				RB8#4	5.56	13	PASS
				RB8#7	5.57	13	PASS
				RB15#0	5.77	13	PASS
			MCH	RB1#0	4.55	13	PASS
				RB1#7	4.42	13	PASS
				RB1#14	4.74	13	PASS
				RB8#0	5.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	5.56	13	PASS
				RB8#7	5.6	13	PASS
				RB15#0	5.71	13	PASS
			HCH	RB1#0	4.7	13	PASS
				RB1#7	4.57	13	PASS
				RB1#14	4.6	13	PASS
				RB8#0	5.49	13	PASS
				RB8#4	5.44	13	PASS
				RB8#7	5.49	13	PASS
				RB15#0	5.72	13	PASS
		5	LCH	RB1#0	4.78	13	PASS
				RB1#13	4.86	13	PASS
				RB1#24	4.42	13	PASS
				RB12#0	5.51	13	PASS
				RB12#6	5.42	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	5.78	13	PASS
			MCH	RB1#0	4.51	13	PASS
				RB1#13	4.64	13	PASS
				RB1#24	4.35	13	PASS
				RB12#0	5.47	13	PASS
				RB12#6	5.51	13	PASS
				RB12#13	5.64	13	PASS
				RB25#0	6.02	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#13	4.75	13	PASS
				RB1#24	4.17	13	PASS
				RB12#0	5.67	13	PASS
				RB12#6	5.74	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.82	13	PASS
		10	LCH	RB1#0	4.45	13	PASS
				RB1#25	4.19	13	PASS
				RB1#49	4.52	13	PASS
				RB25#0	5.7	13	PASS
				RB25#13	5.57	13	PASS
				RB25#25	5.87	13	PASS
				RB50#0	6.08	13	PASS
			MCH	RB1#0	4.5	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.39	13	PASS
				RB1#49	4.89	13	PASS
				RB25#0	5.57	13	PASS
				RB25#13	5.53	13	PASS
				RB25#25	5.6	13	PASS
				RB50#0	5.77	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	4.65	13	PASS
				RB25#0	5.59	13	PASS
				RB25#13	5.64	13	PASS
				RB25#25	5.62	13	PASS
				RB50#0	5.75	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.3	13	PASS
				RB1#3	5.43	13	PASS
				RB1#5	5.29	13	PASS
				RB3#0	5.8	13	PASS
				RB3#2	5.68	13	PASS
				RB3#3	5.85	13	PASS
				RB6#0	6.3	13	PASS
			MCH	RB1#0	5.08	13	PASS
				RB1#3	5.29	13	PASS
				RB1#5	5.2	13	PASS
				RB3#0	5.68	13	PASS
				RB3#2	5.82	13	PASS
				RB3#3	5.79	13	PASS
				RB6#0	6.17	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#3	5.06	13	PASS
				RB1#5	5.03	13	PASS
				RB3#0	5.55	13	PASS
				RB3#2	5.57	13	PASS
				RB3#3	5.47	13	PASS
				RB6#0	6.26	13	PASS
		3	LCH	RB1#0	5.44	13	PASS
				RB1#7	5.28	13	PASS
				RB1#14	5.42	13	PASS
				RB8#0	6.02	13	PASS
				RB8#4	6.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.07	13	PASS
				RB15#0	6.15	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#7	5.29	13	PASS
				RB1#14	5.66	13	PASS
				RB8#0	6.12	13	PASS
				RB8#4	6.05	13	PASS
				RB8#7	6.16	13	PASS
				RB15#0	6.31	13	PASS
			HCH	RB1#0	5.44	13	PASS
				RB1#7	5.22	13	PASS
				RB1#14	5.42	13	PASS
				RB8#0	6.05	13	PASS
				RB8#4	6.13	13	PASS
				RB8#7	6.2	13	PASS
				RB15#0	6.28	13	PASS
			LCH	RB1#0	5.55	13	PASS
				RB1#13	5.66	13	PASS
				RB1#24	5.1	13	PASS
				RB12#0	6.16	13	PASS
				RB12#6	6.25	13	PASS
				RB12#13	6.31	13	PASS
				RB25#0	6.46	13	PASS
			MCH	RB1#0	5.17	13	PASS
				RB1#13	5.45	13	PASS
				RB1#24	4.94	13	PASS
		5		RB12#0	6.18	13	PASS
				RB12#6	6.29	13	PASS
				RB12#13	6.36	13	PASS
				RB25#0	6.69	13	PASS
			HCH	RB1#0	5.05	13	PASS
				RB1#13	5.01	13	PASS
				RB1#24	4.74	13	PASS
				RB12#0	6.19	13	PASS
				RB12#6	6.19	13	PASS
				RB12#13	6.07	13	PASS
				RB25#0	6.4	13	PASS
		10	LCH	RB1#0	4.77	13	PASS
				RB1#25	5.34	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.98	13	PASS
				RB25#0	6.33	13	PASS
				RB25#13	6.25	13	PASS
				RB25#25	6.44	13	PASS
				RB50#0	6.85	13	PASS
			MCH	RB1#0	5.2	13	PASS
				RB1#25	5.25	13	PASS
				RB1#49	5.39	13	PASS
				RB25#0	6.25	13	PASS
				RB25#13	6.34	13	PASS
				RB25#25	6.15	13	PASS
				RB50#0	6.64	13	PASS
			HCH	RB1#0	5	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	5.13	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6.26	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	6.64	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
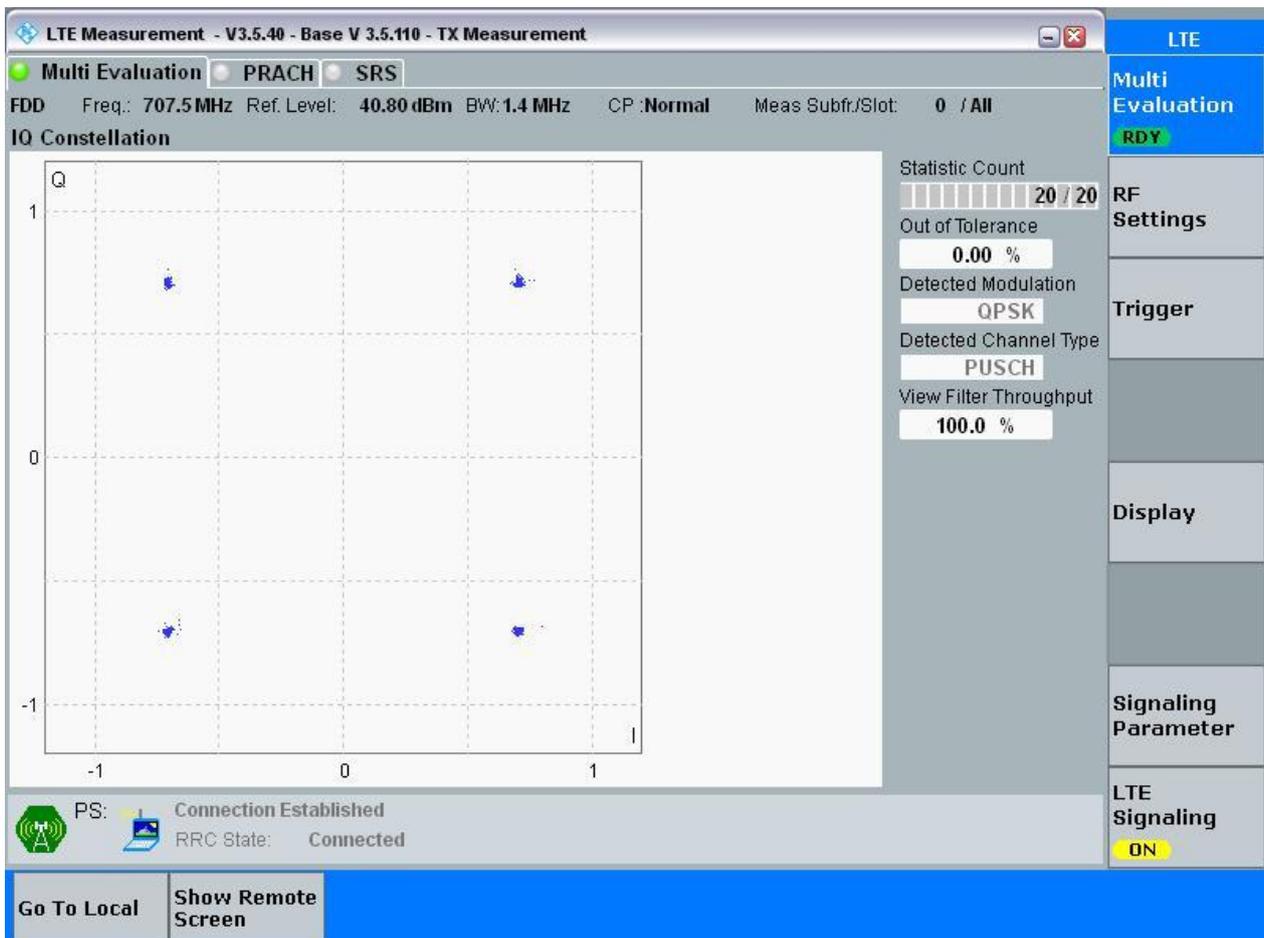
3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0
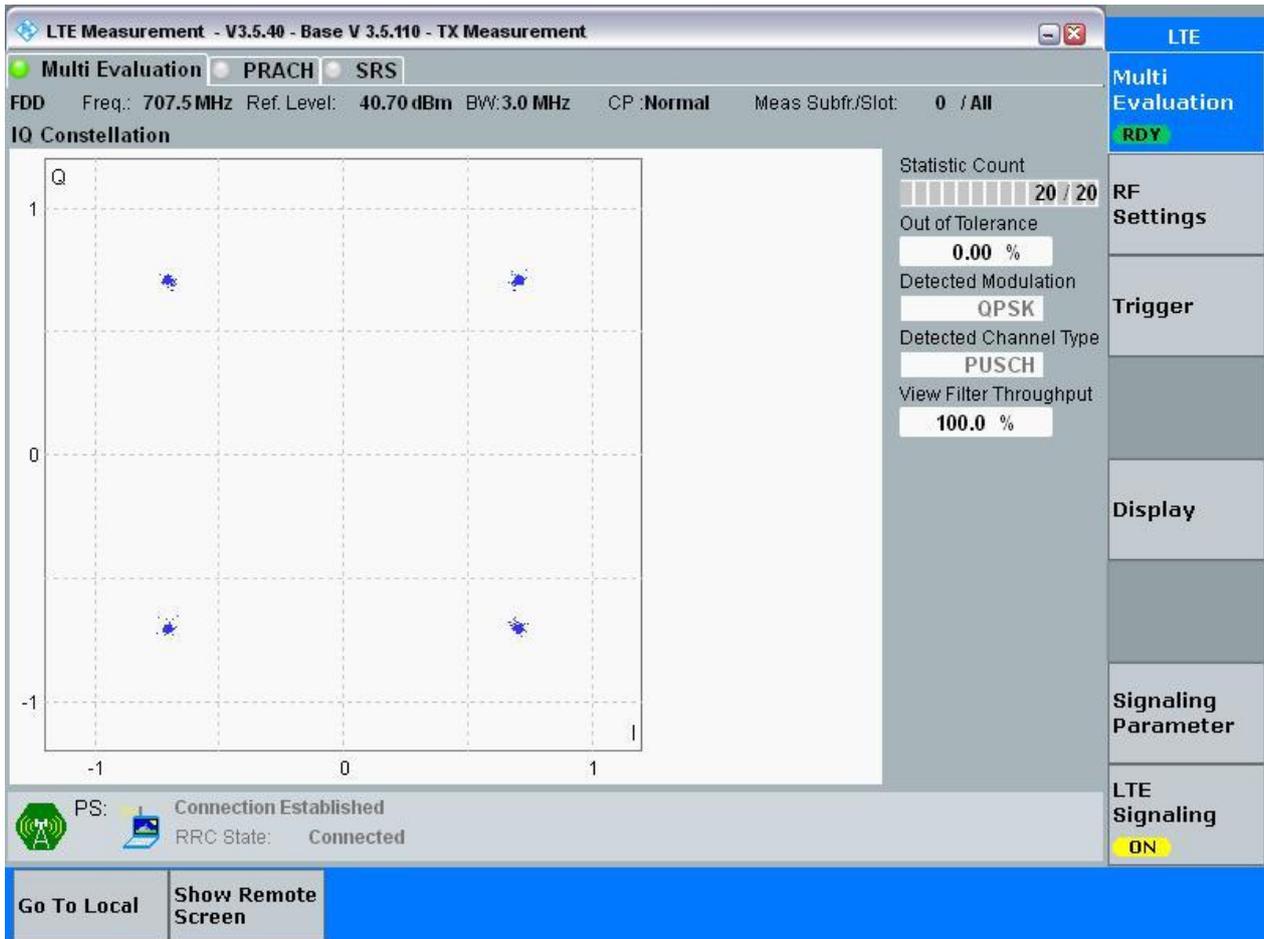
3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0
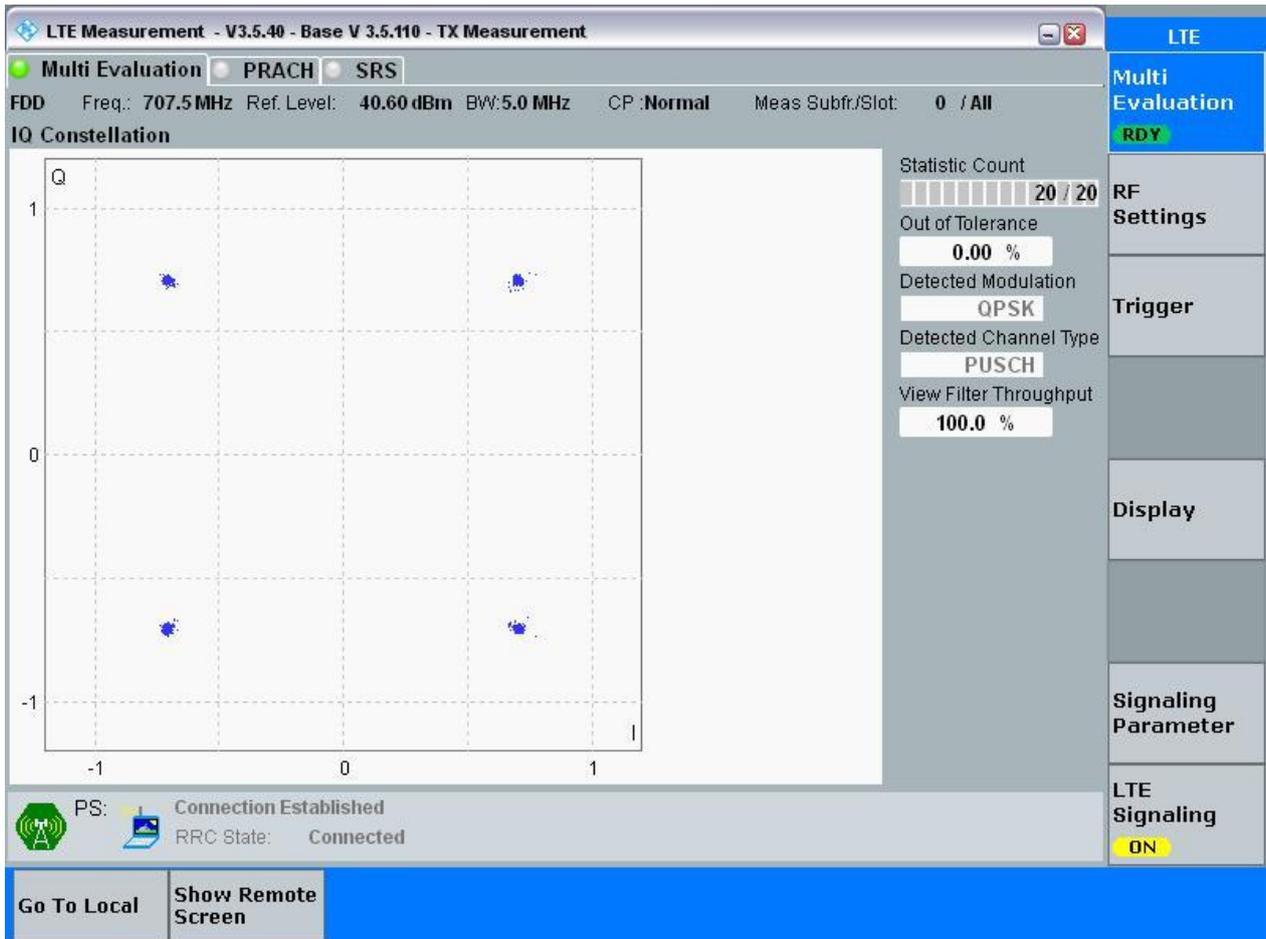
3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0
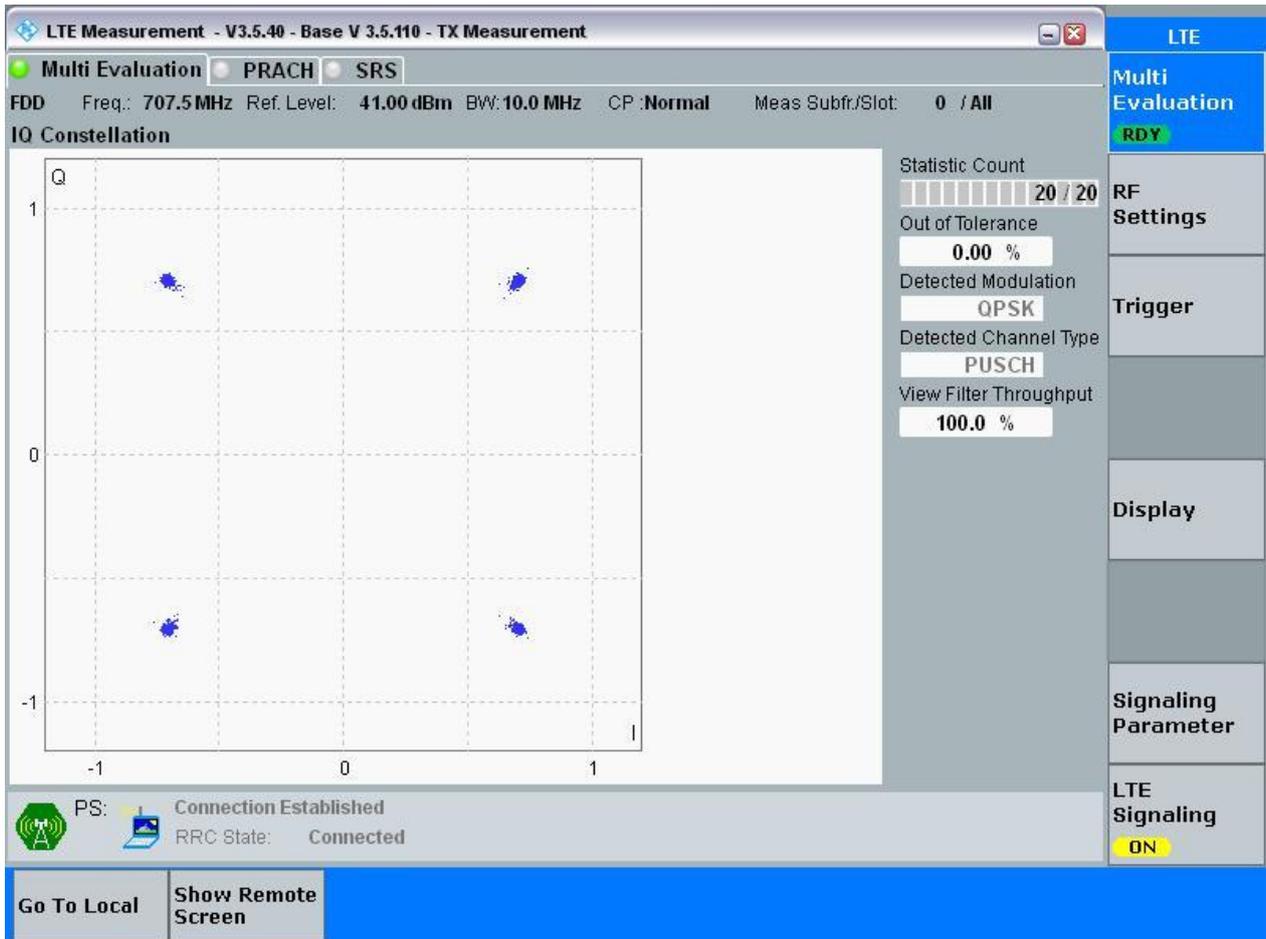
3.1.1.2 Test Mode = LTE/TM2

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
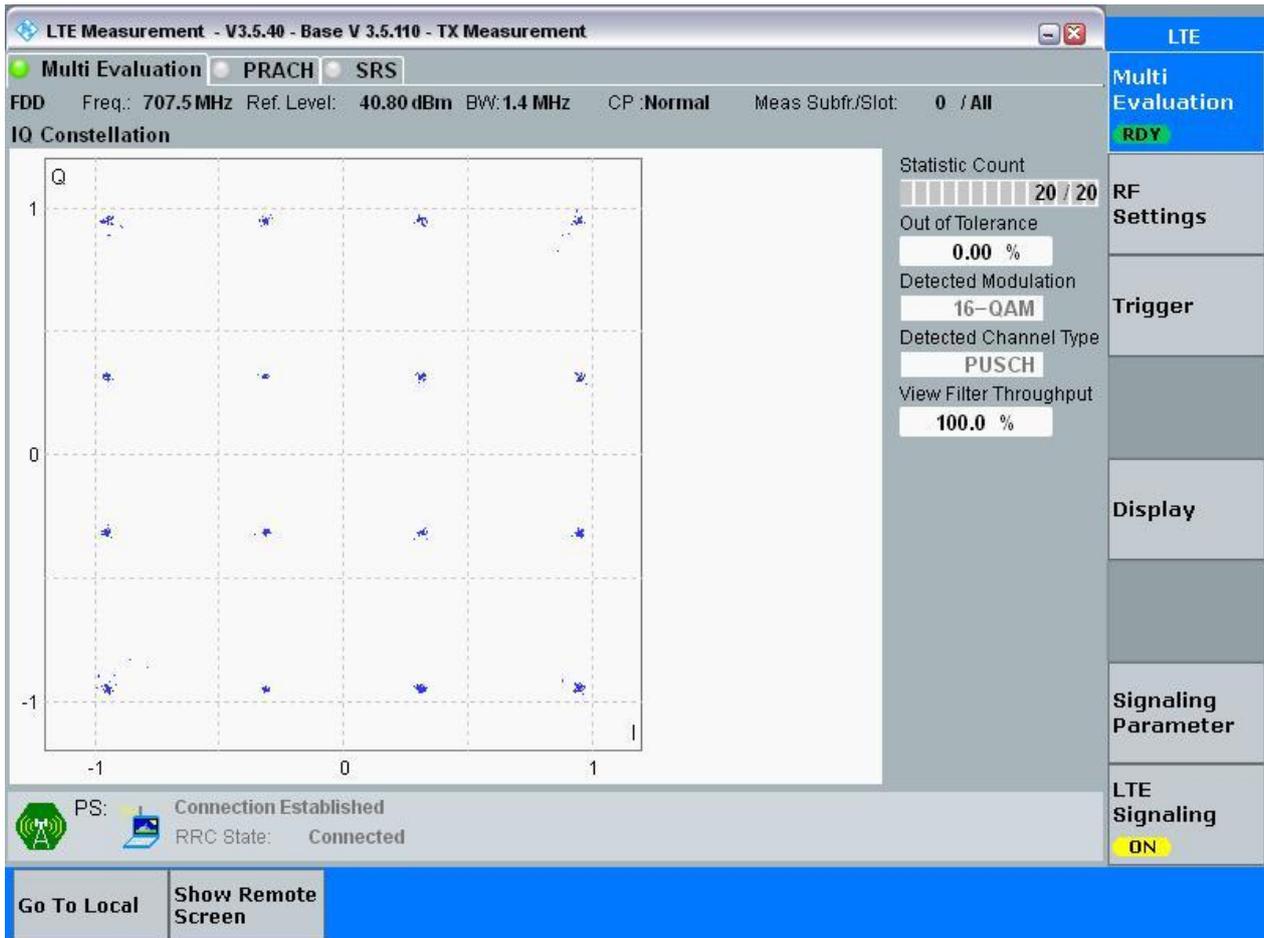
3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0
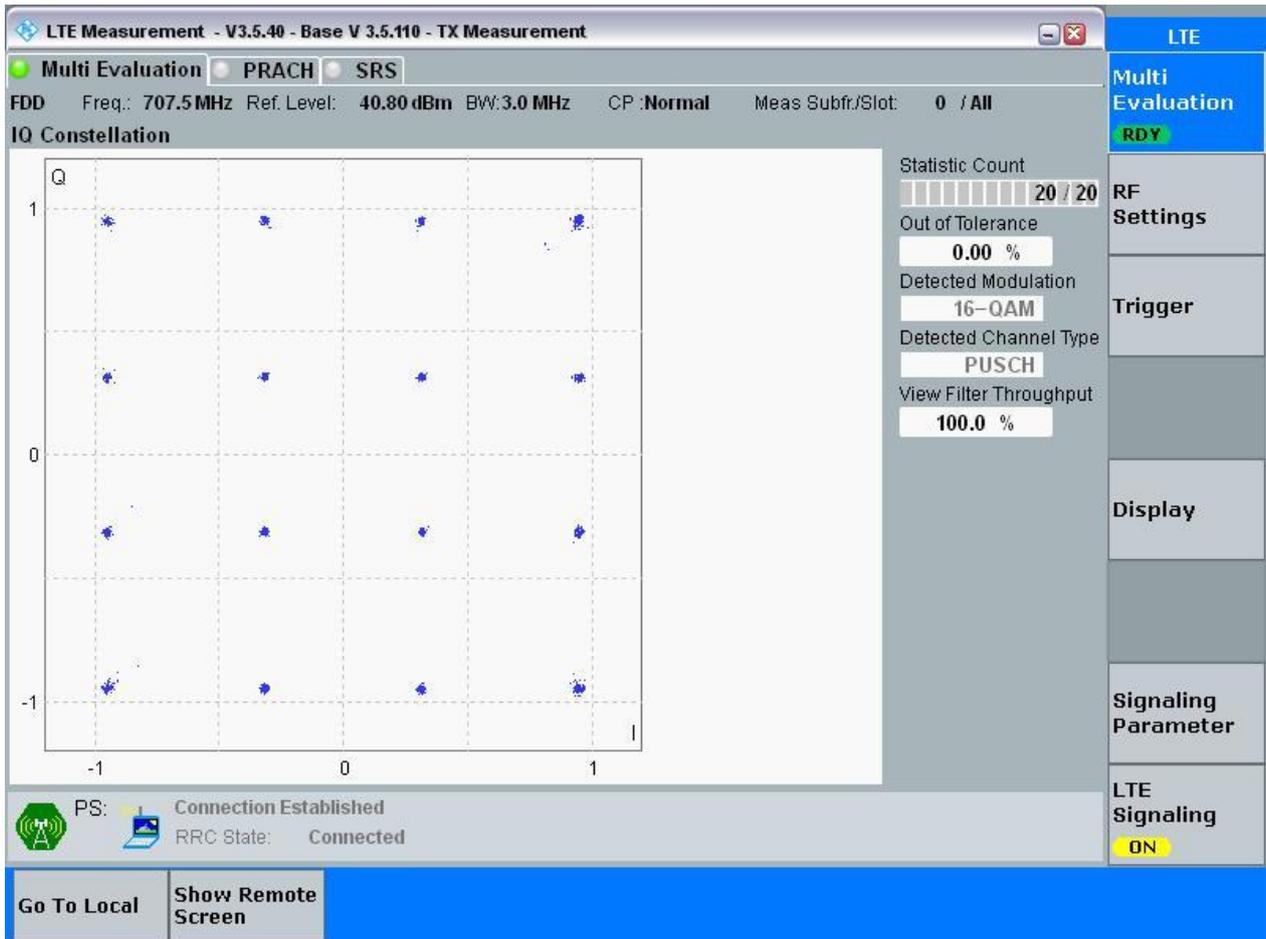
3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0
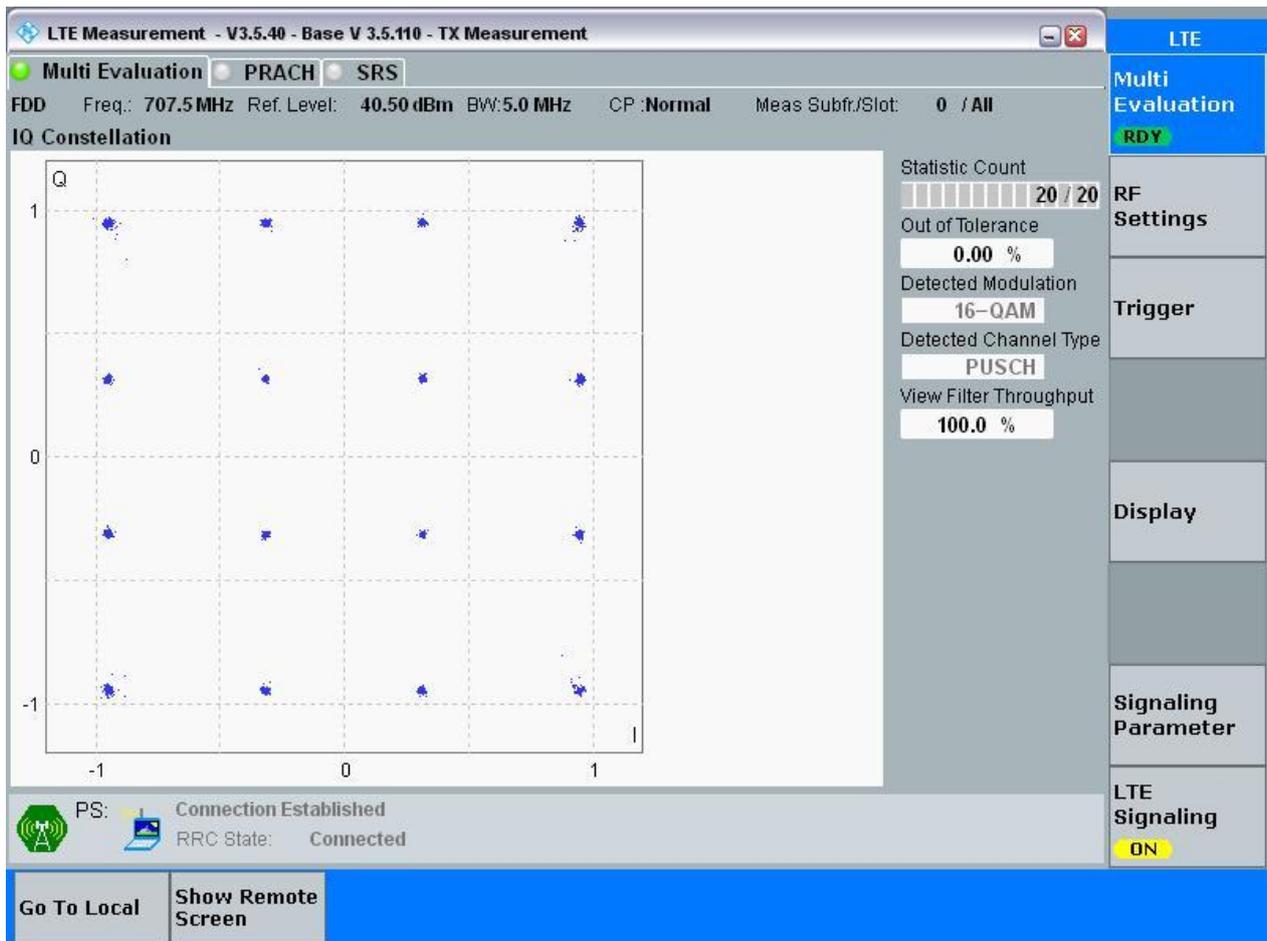
3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0
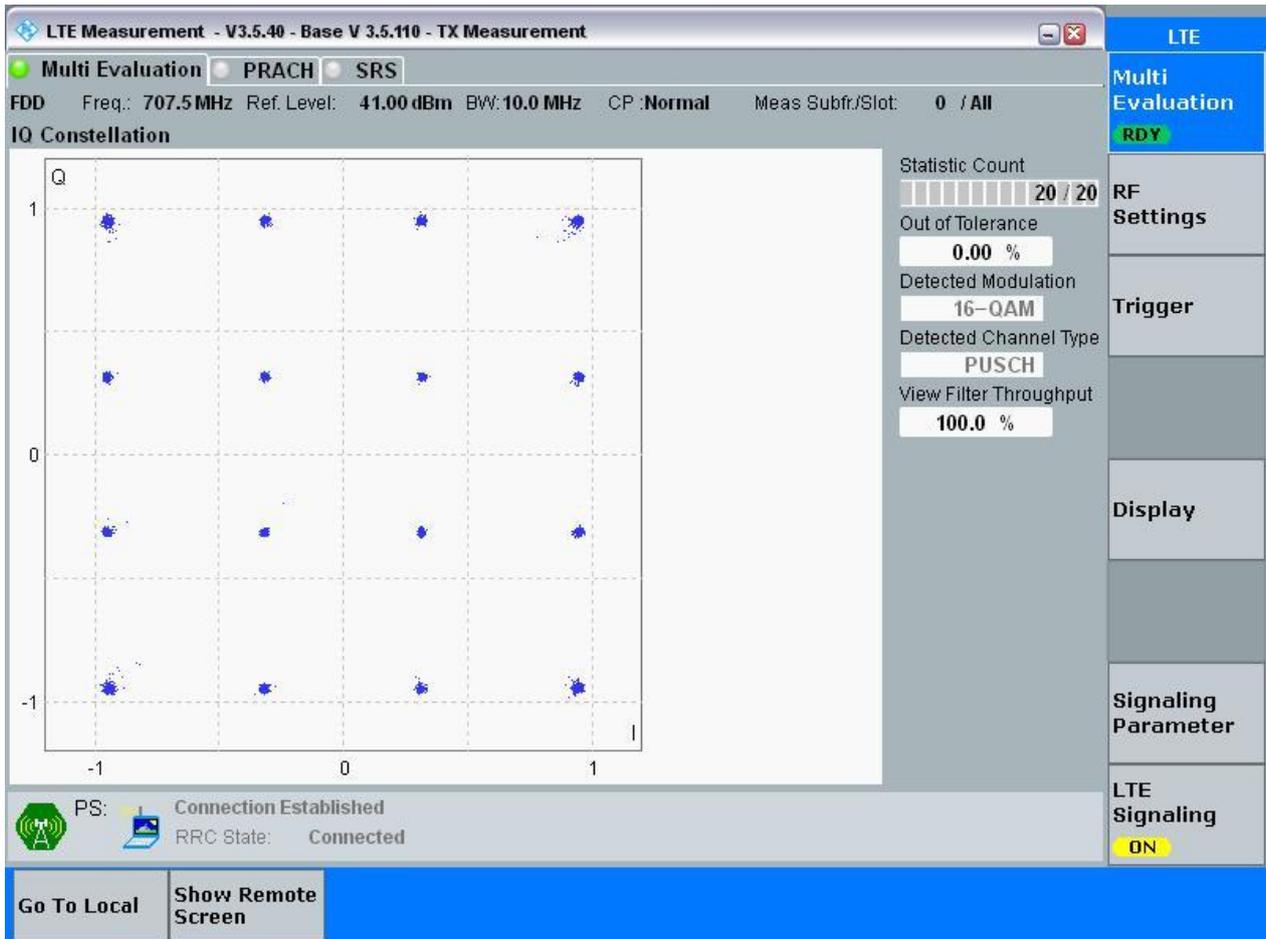
4Appendix_D: Bandwidth

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	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.50	4.84	Pass
		10	LCH	RB50#0	9.00	9.64	Pass
			MCH	RB50#0	8.99	9.59	Pass
			HCH	RB50#0	8.96	9.56	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.85	Pass
		10	LCH	RB50#0	9.00	9.62	Pass
			MCH	RB50#0	8.99	9.64	Pass
			HCH	RB50#0	8.97	9.60	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
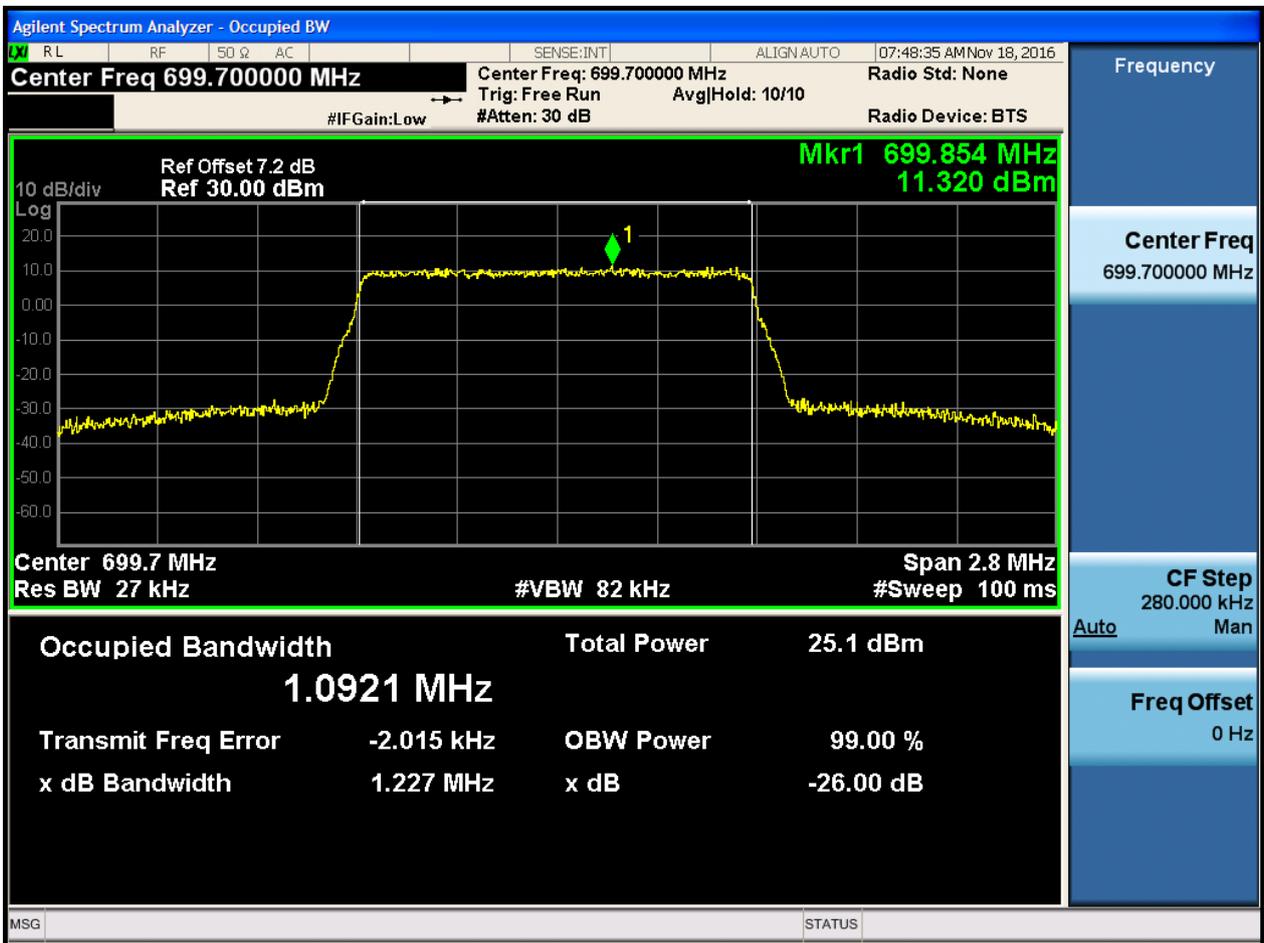
4.1.1.1.1.2 Test Channel = MCH
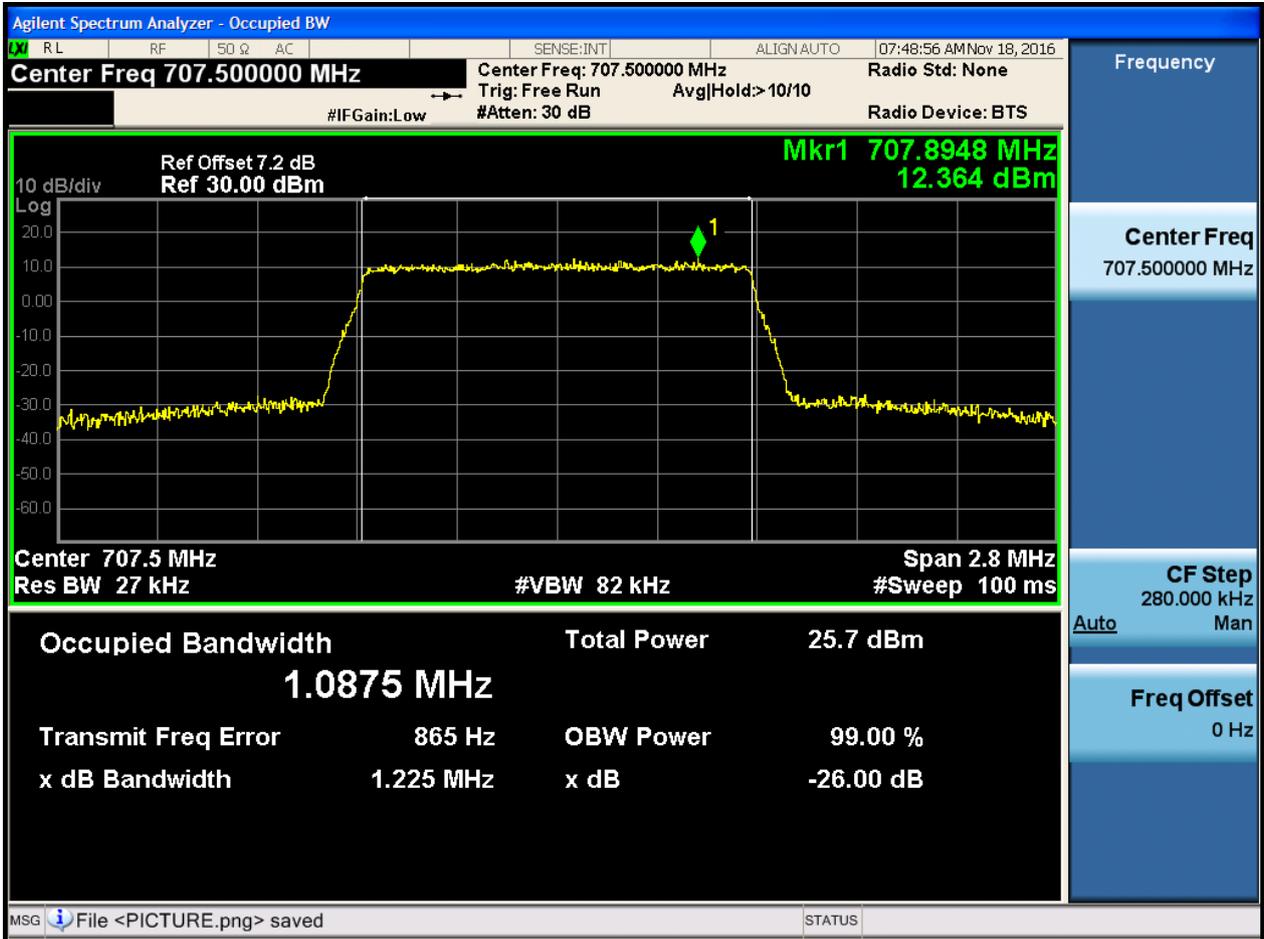
4.1.1.1.2.1 Test RB = RB6#0

4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0
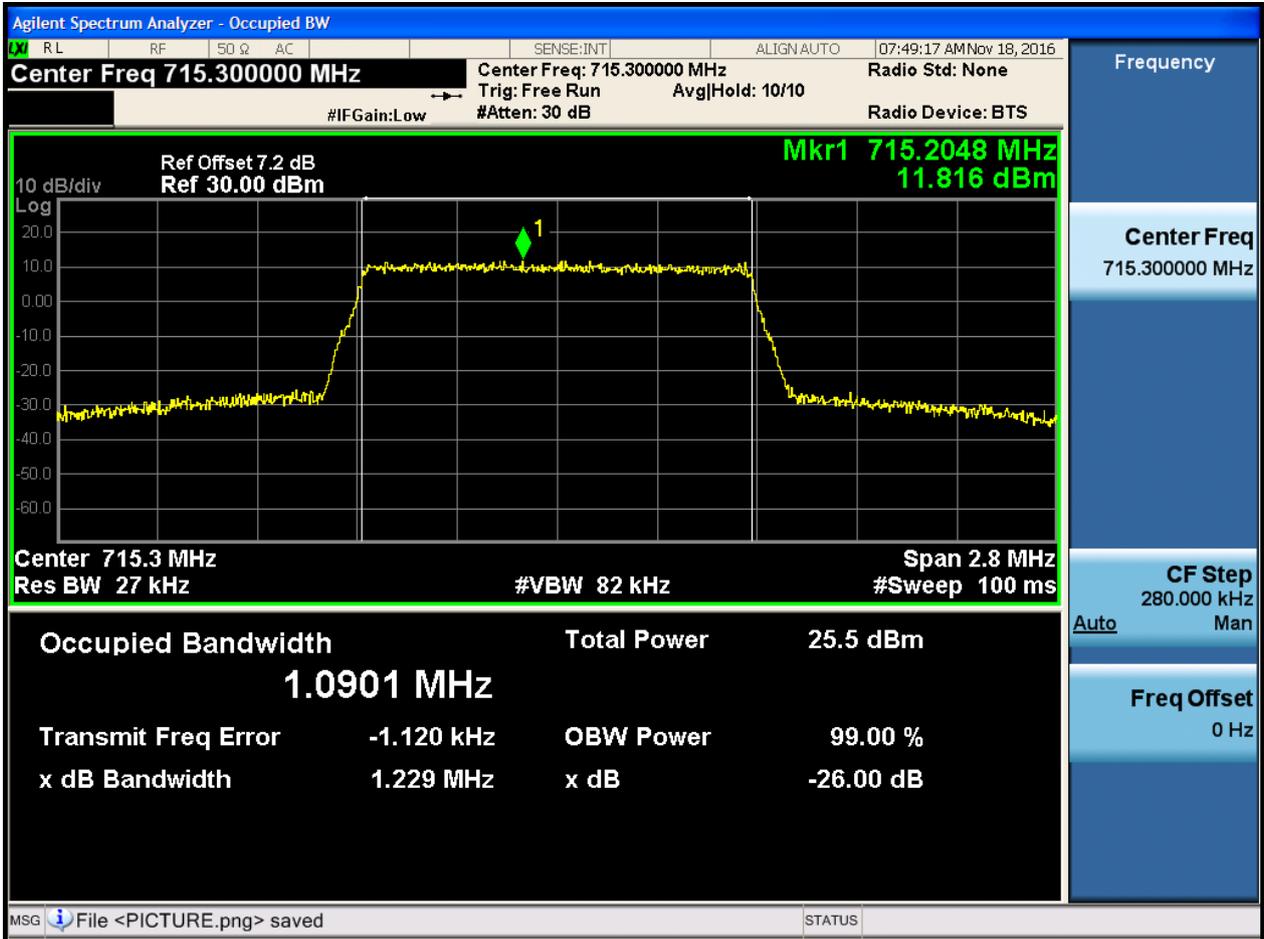
4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0
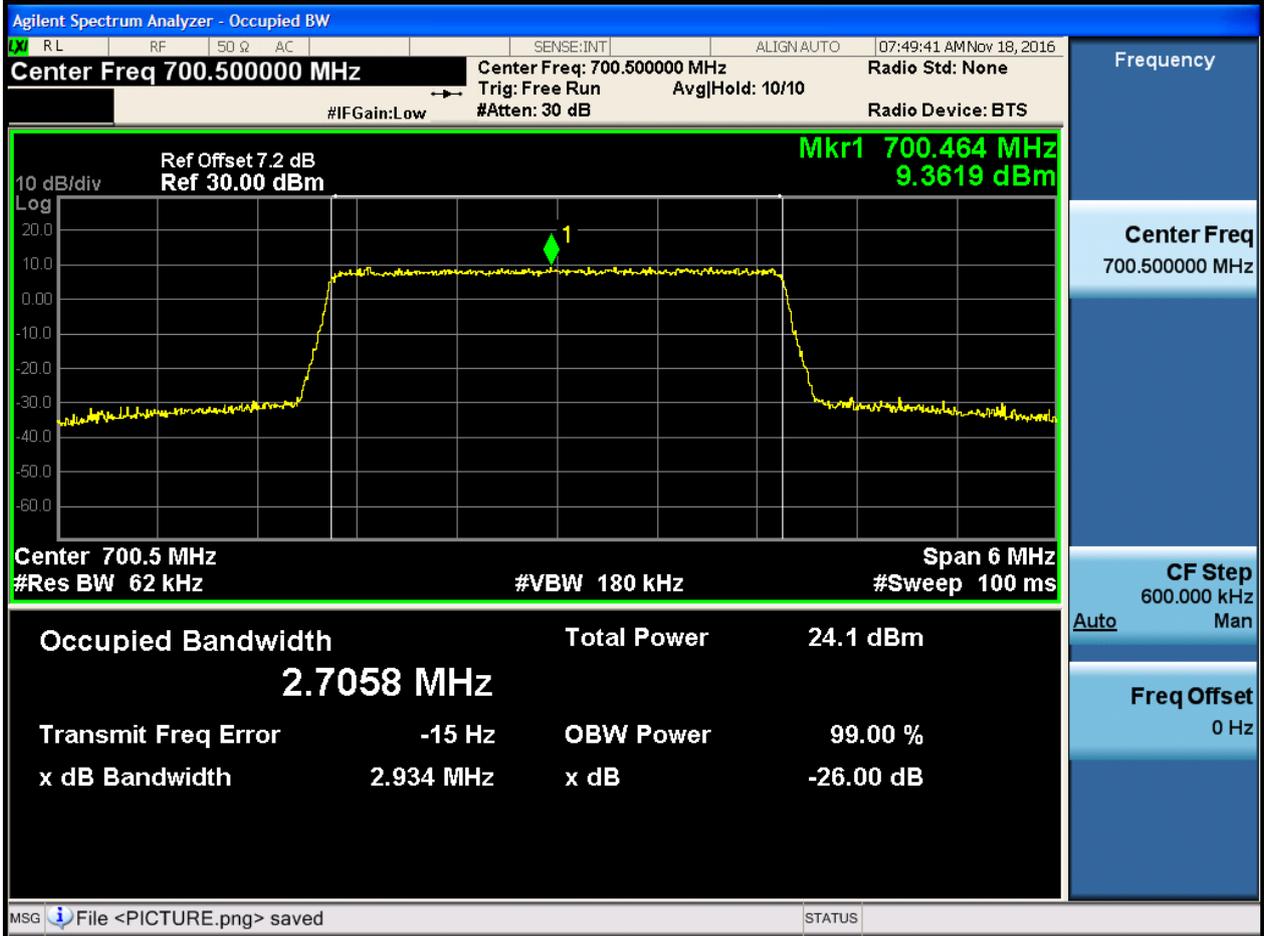
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0
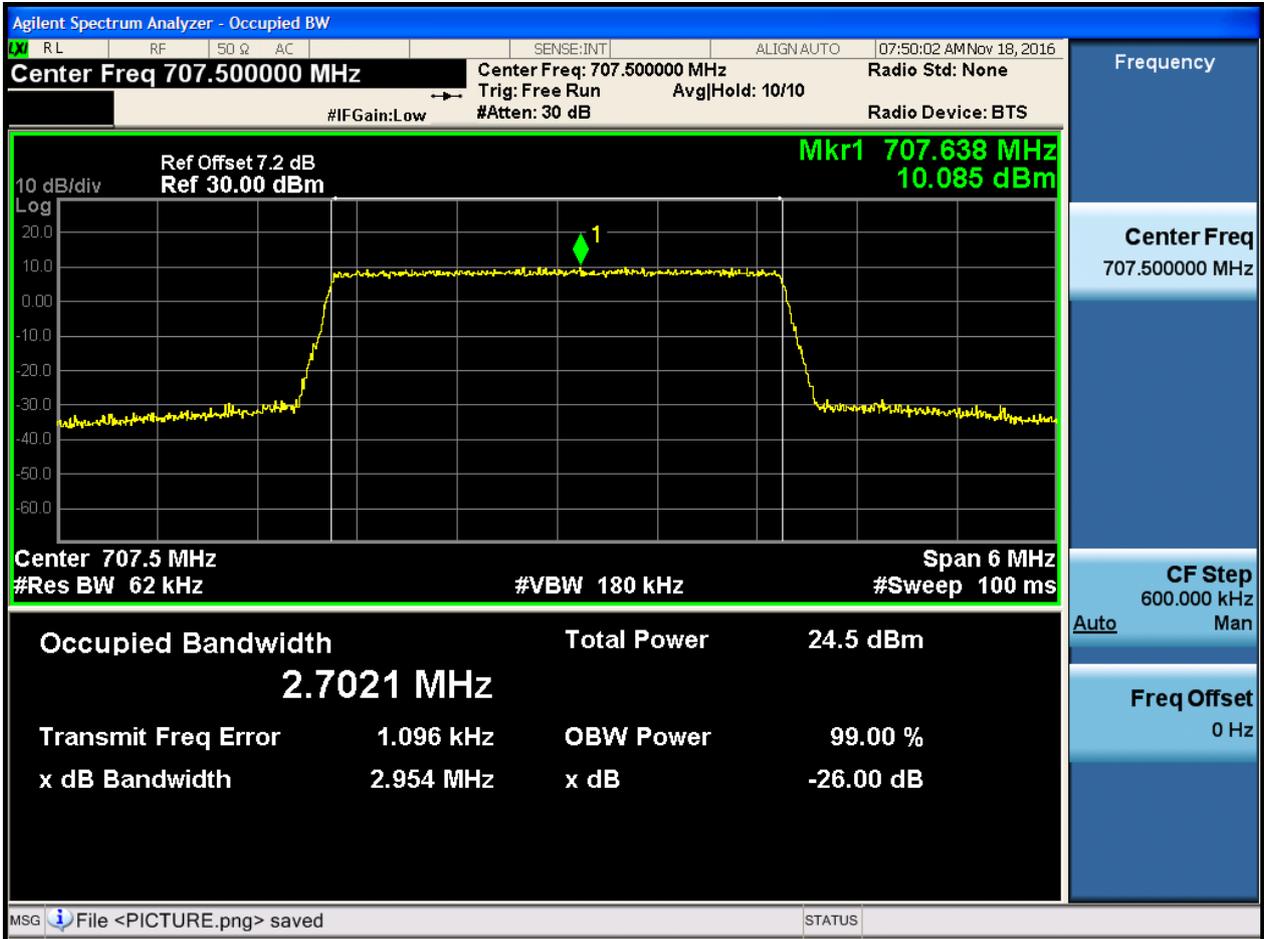
4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0
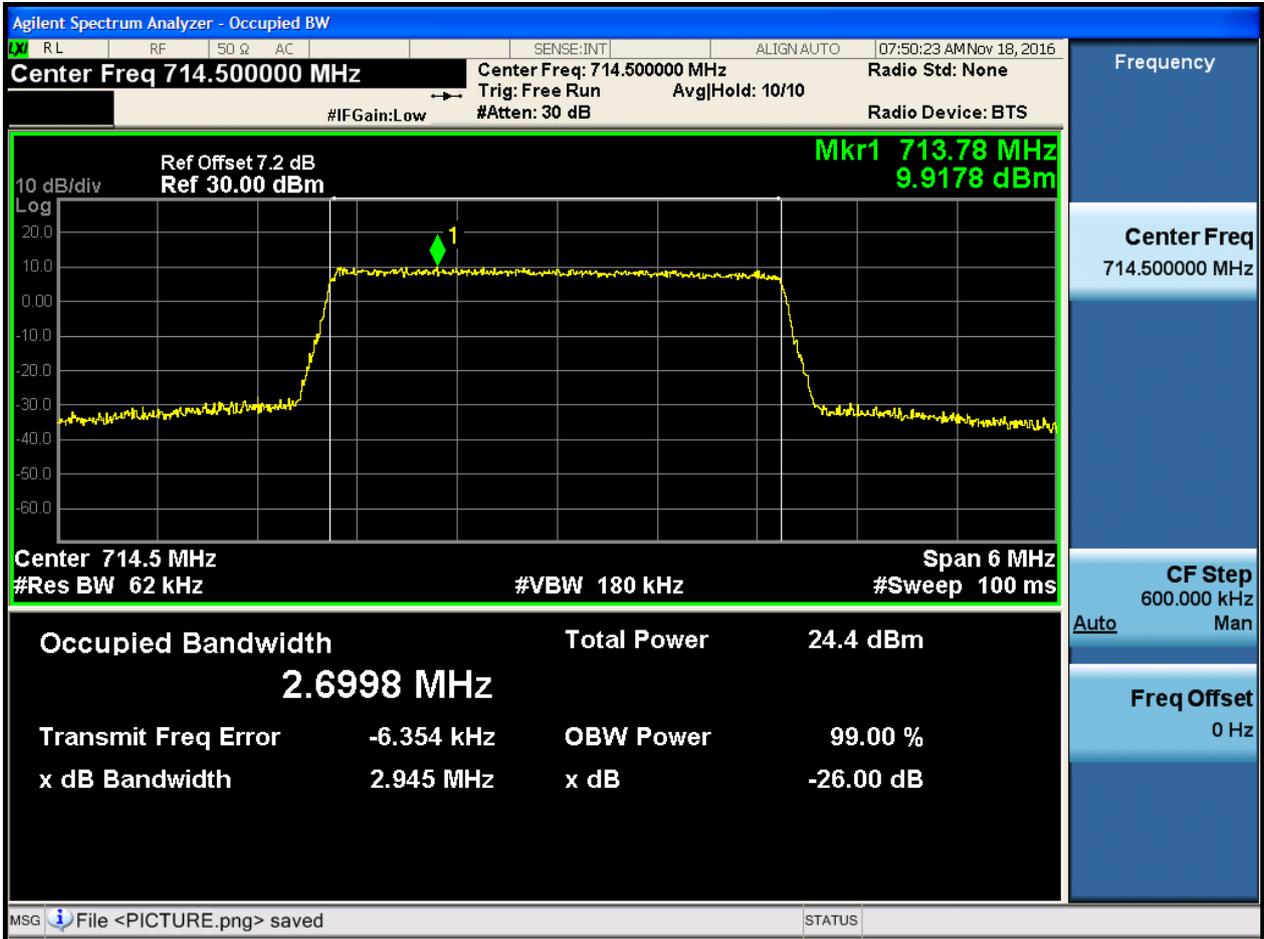
4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0
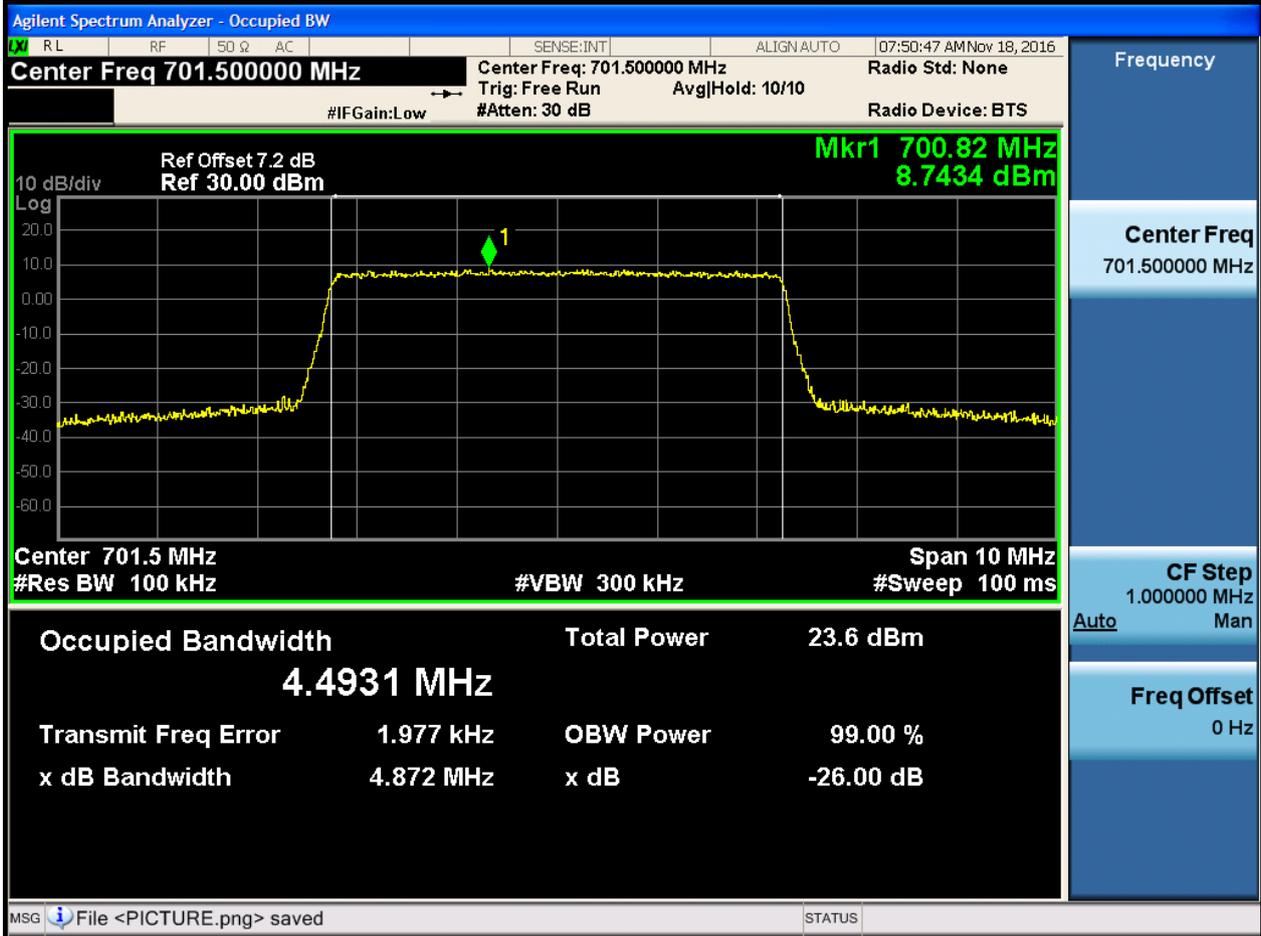
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0
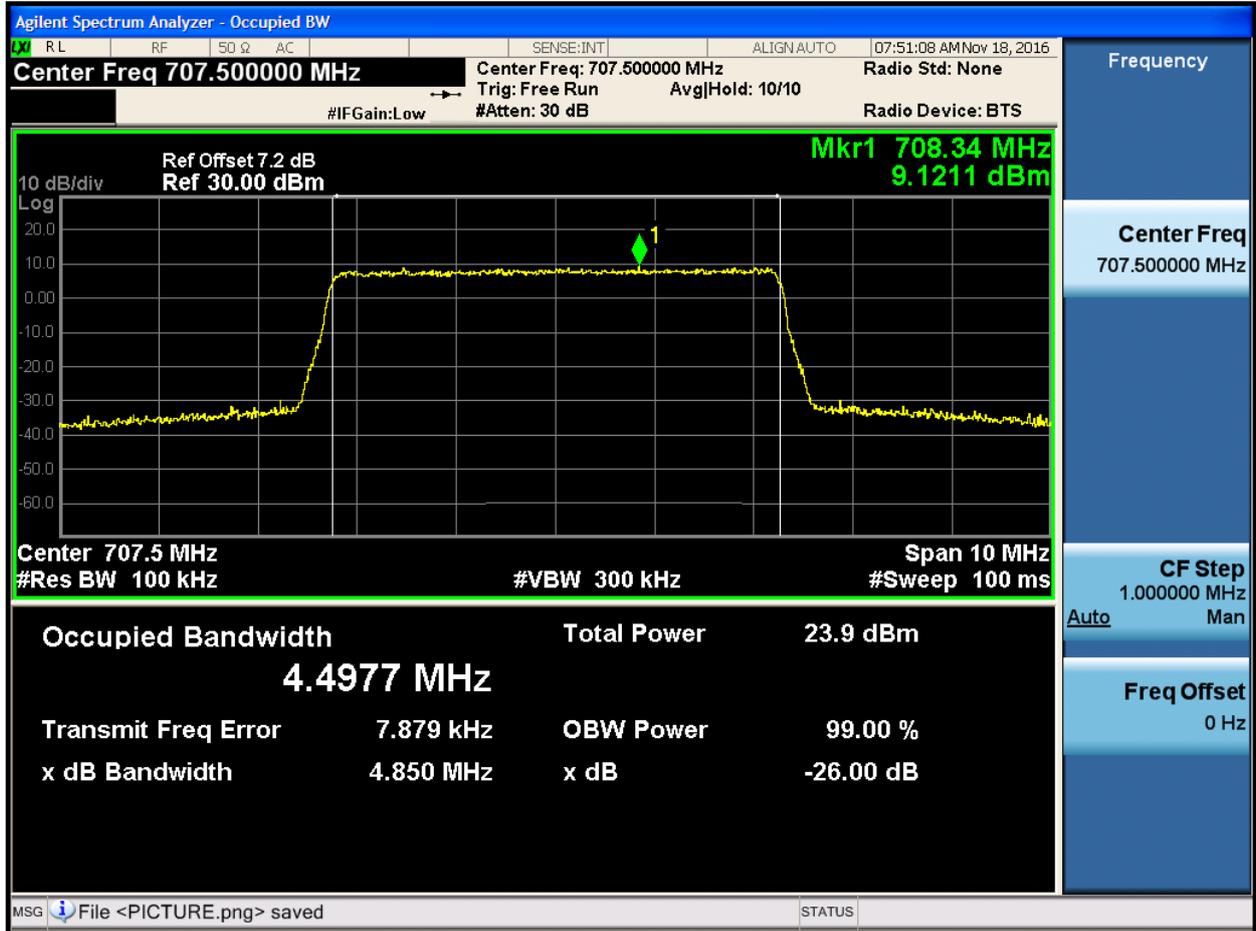
4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0
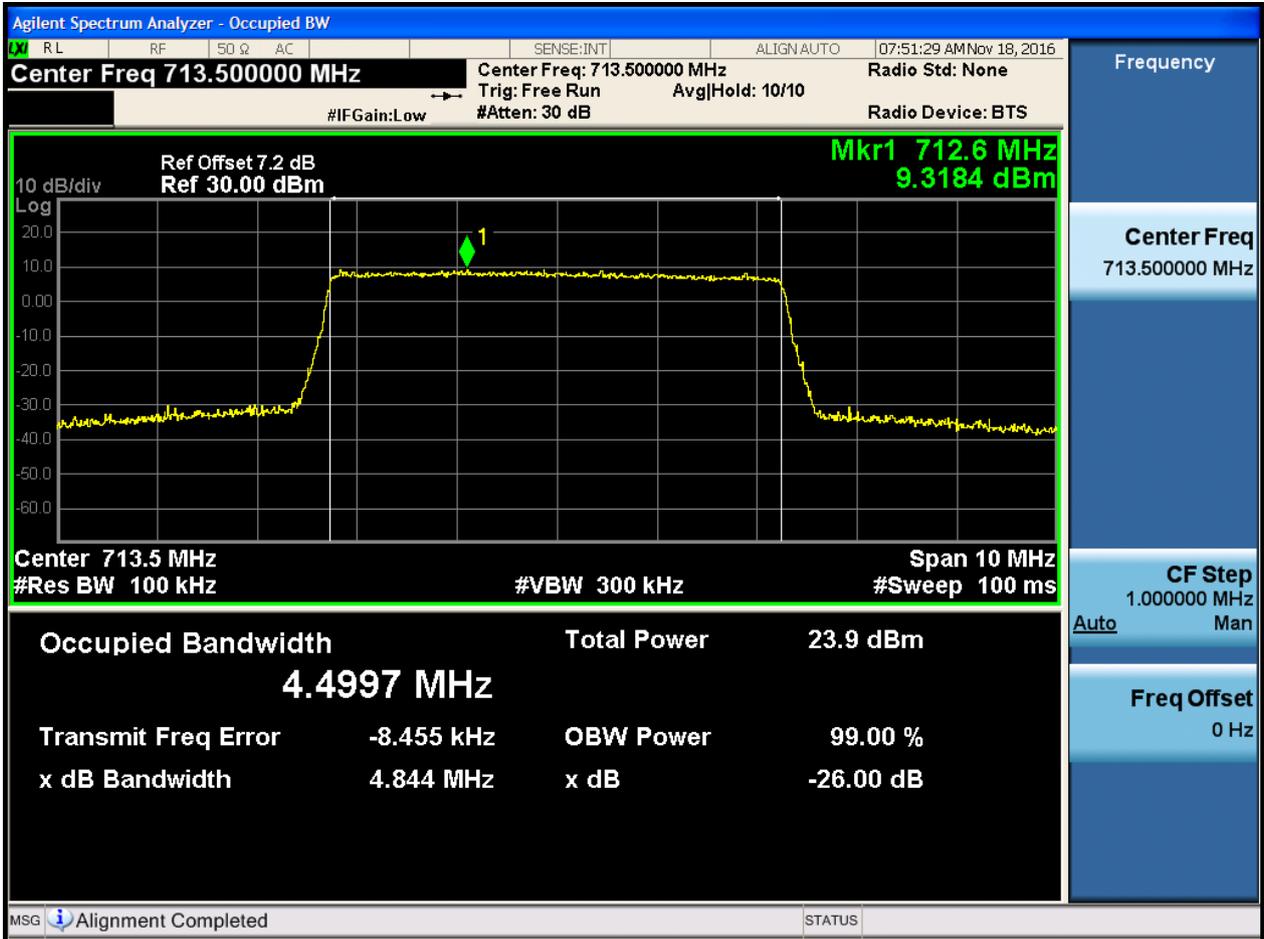
4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0
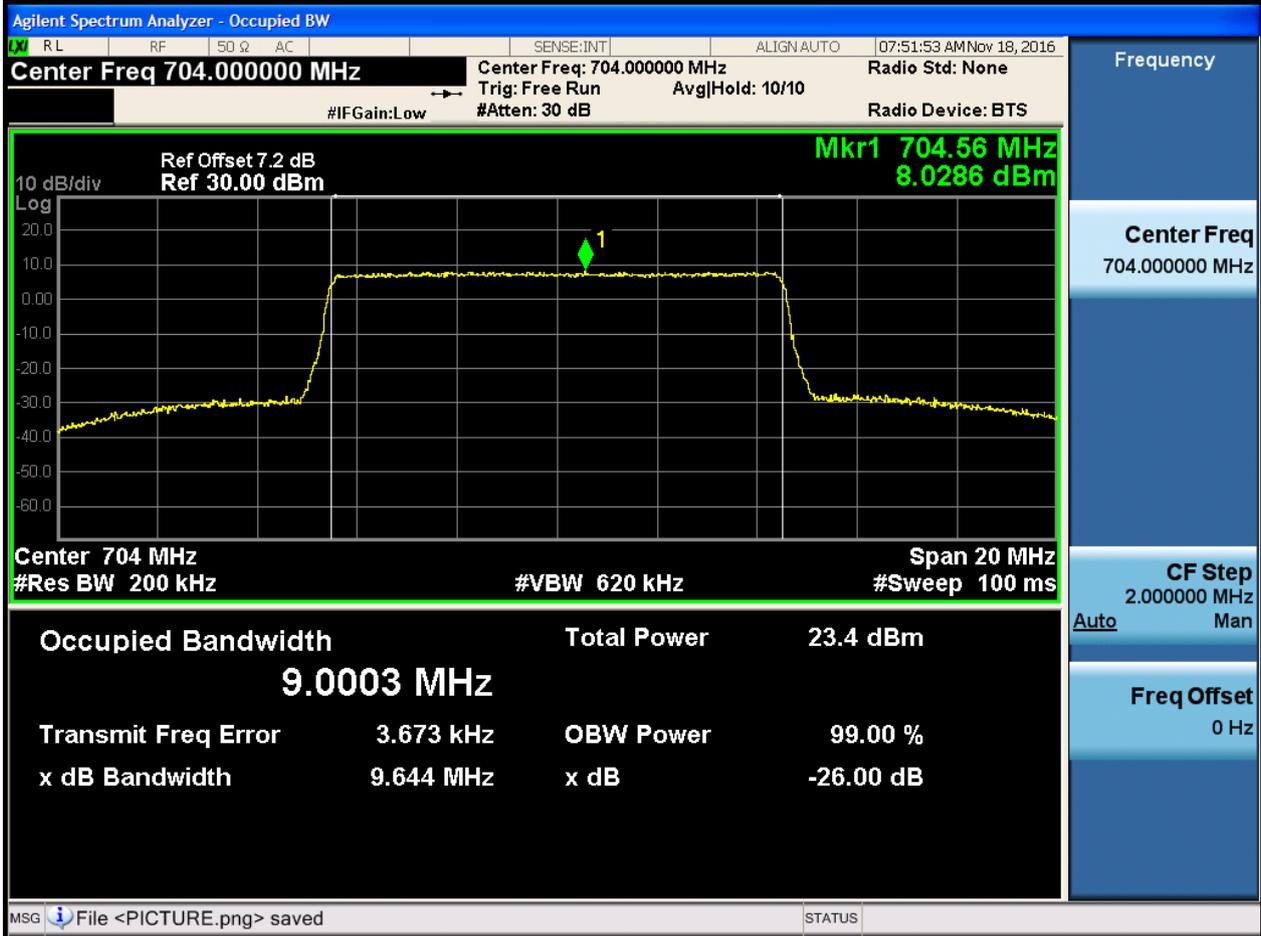
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0
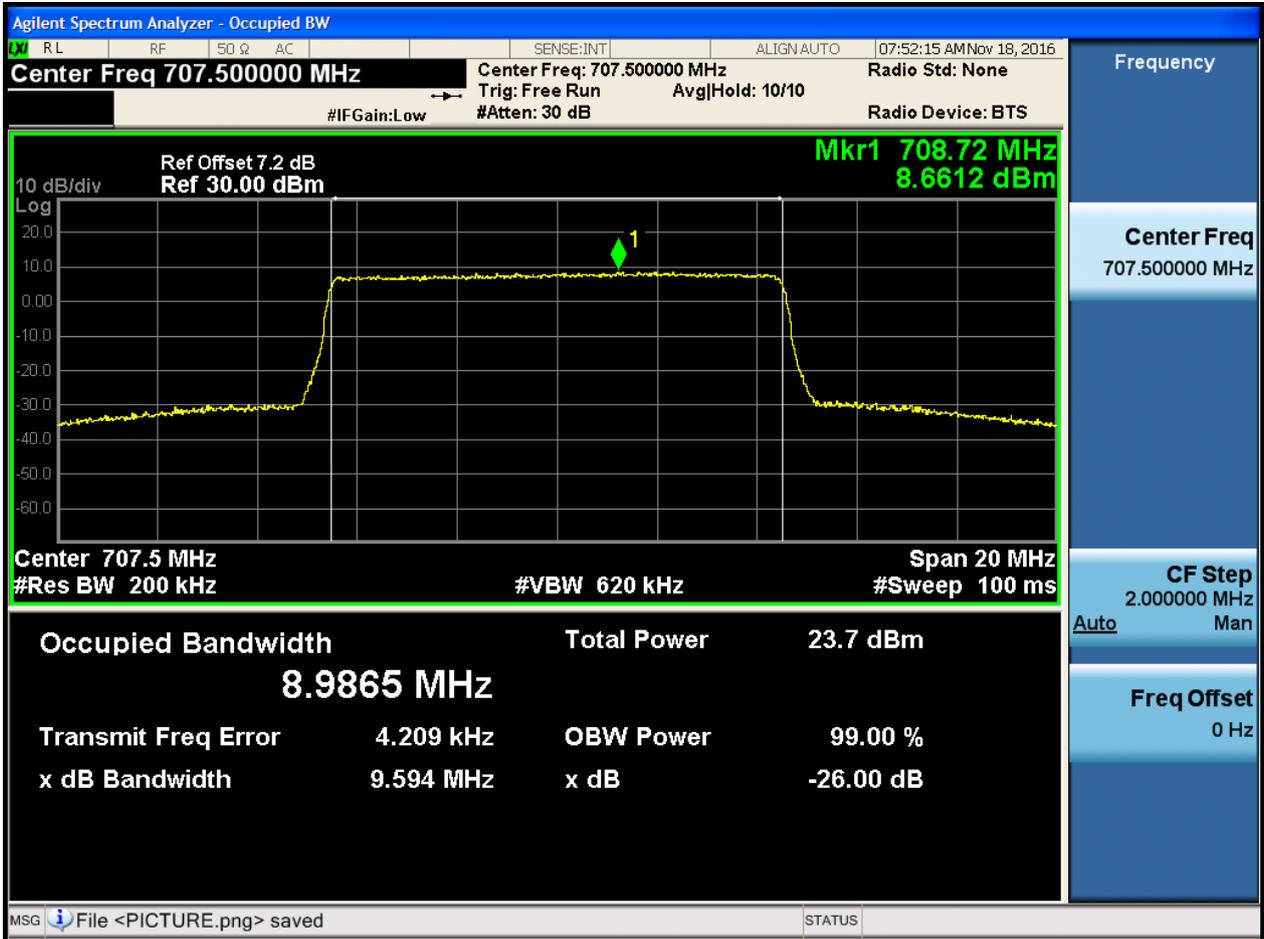
4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0
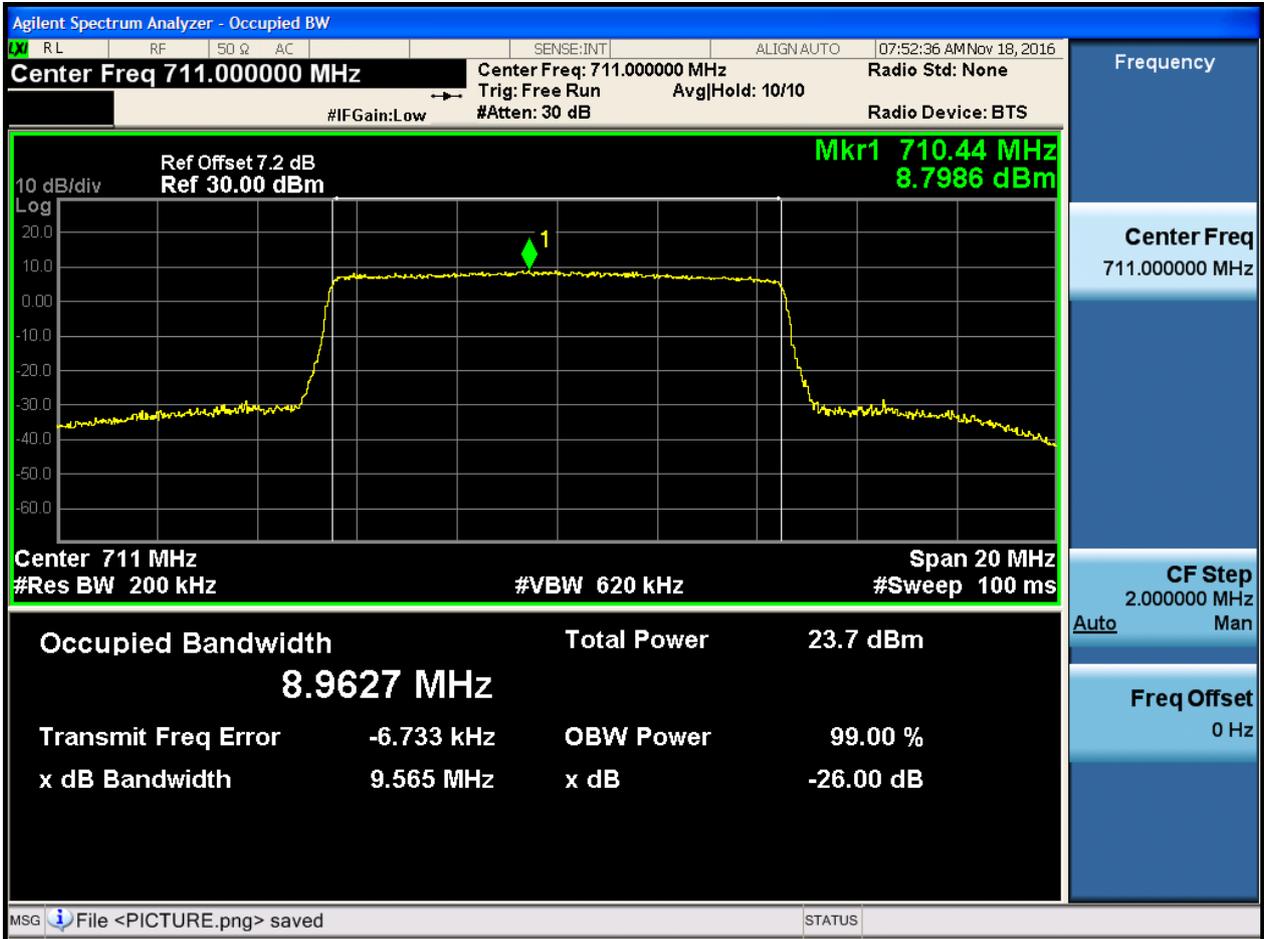
4.1.1.2 Test Mode = LTE/TM2

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
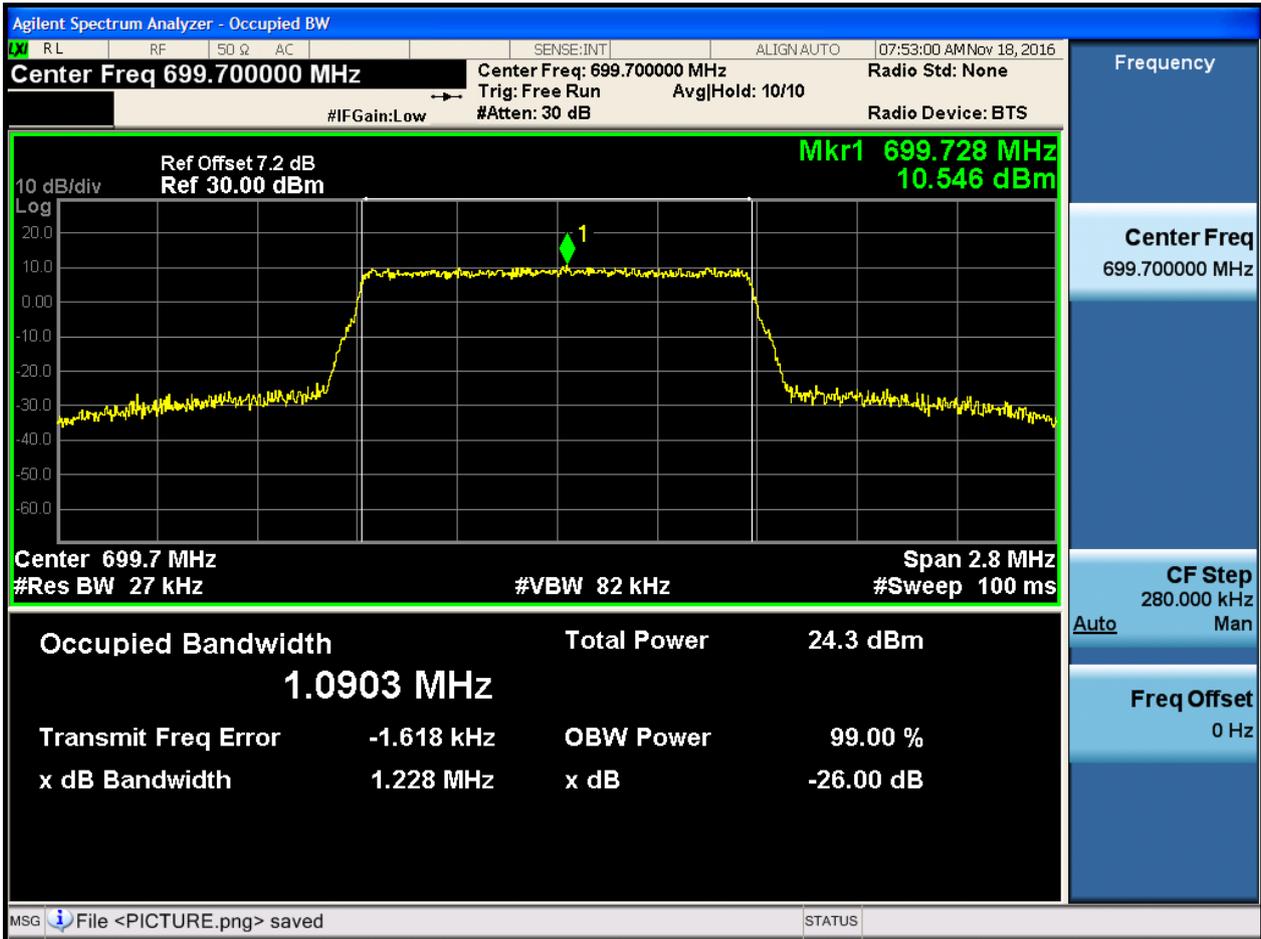
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0
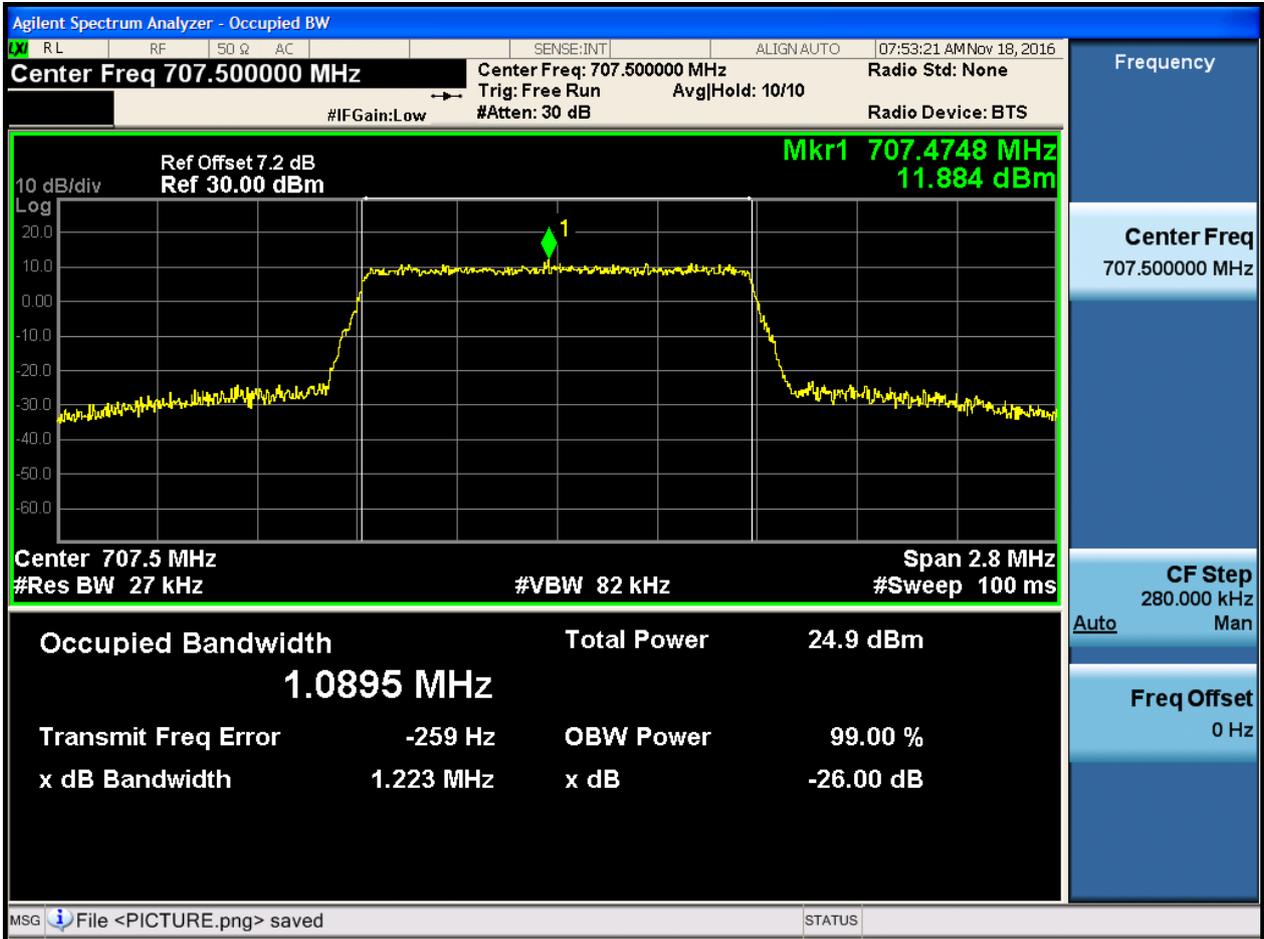
4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0
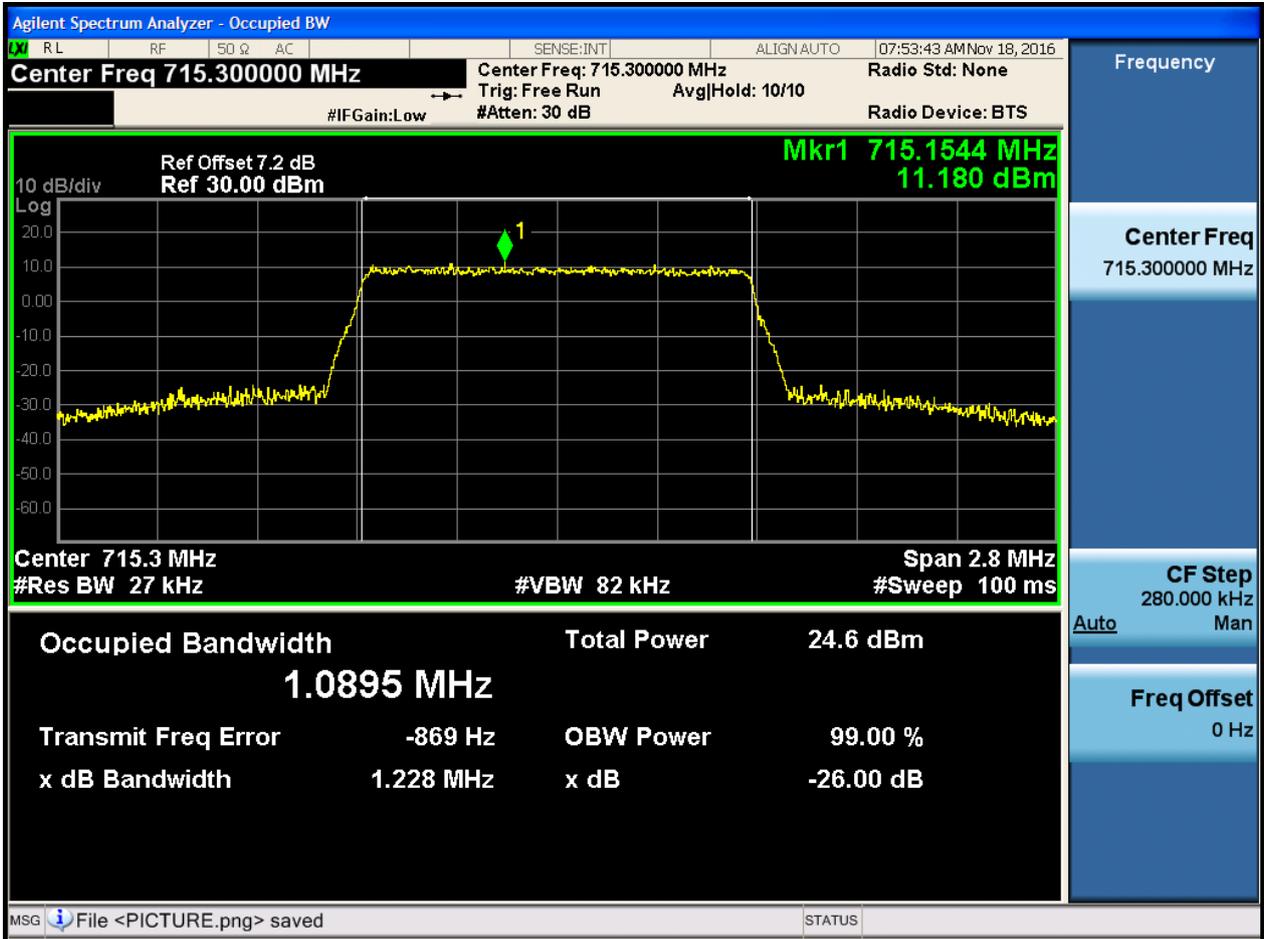
4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0
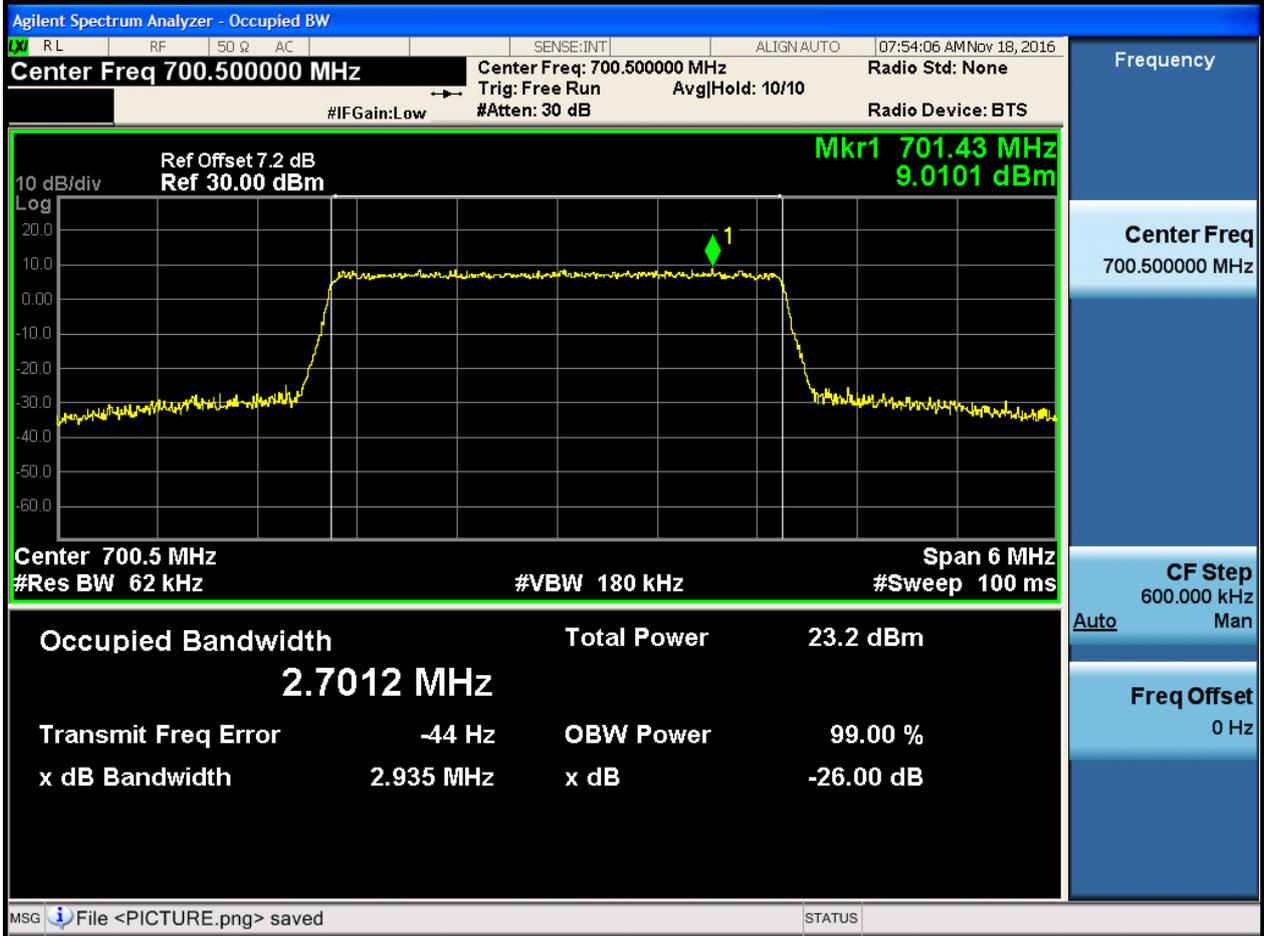
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0
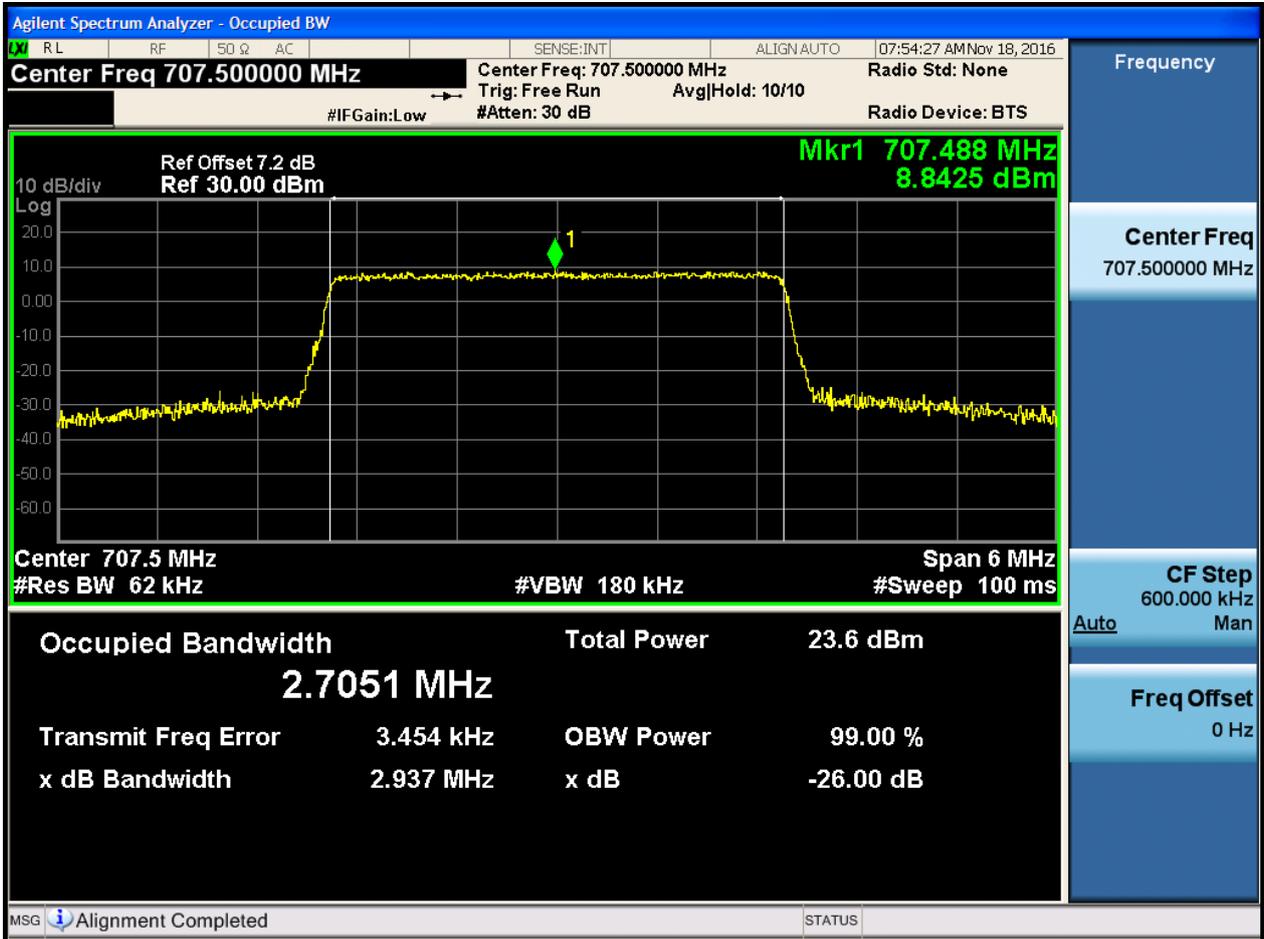
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0
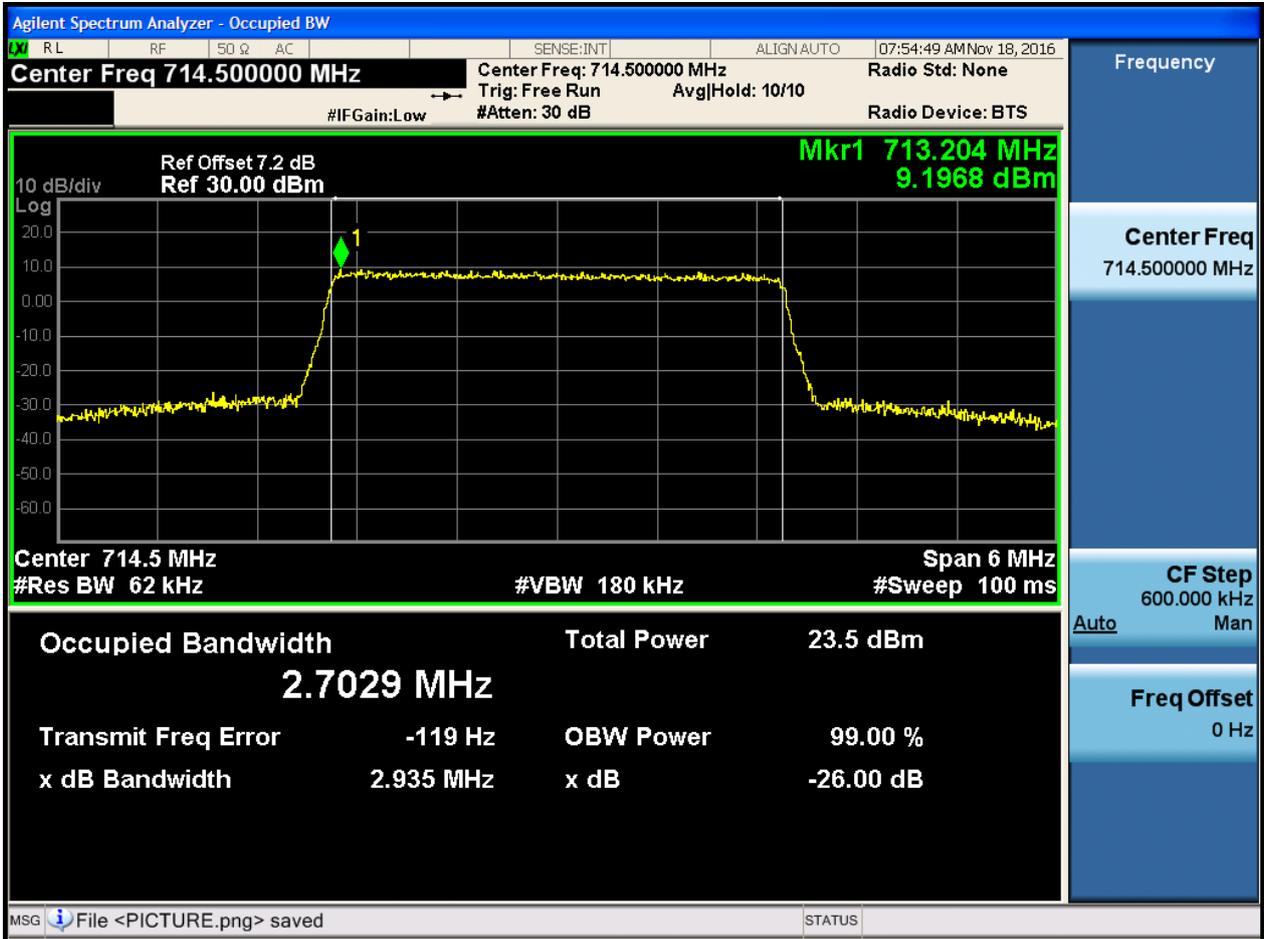
4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0
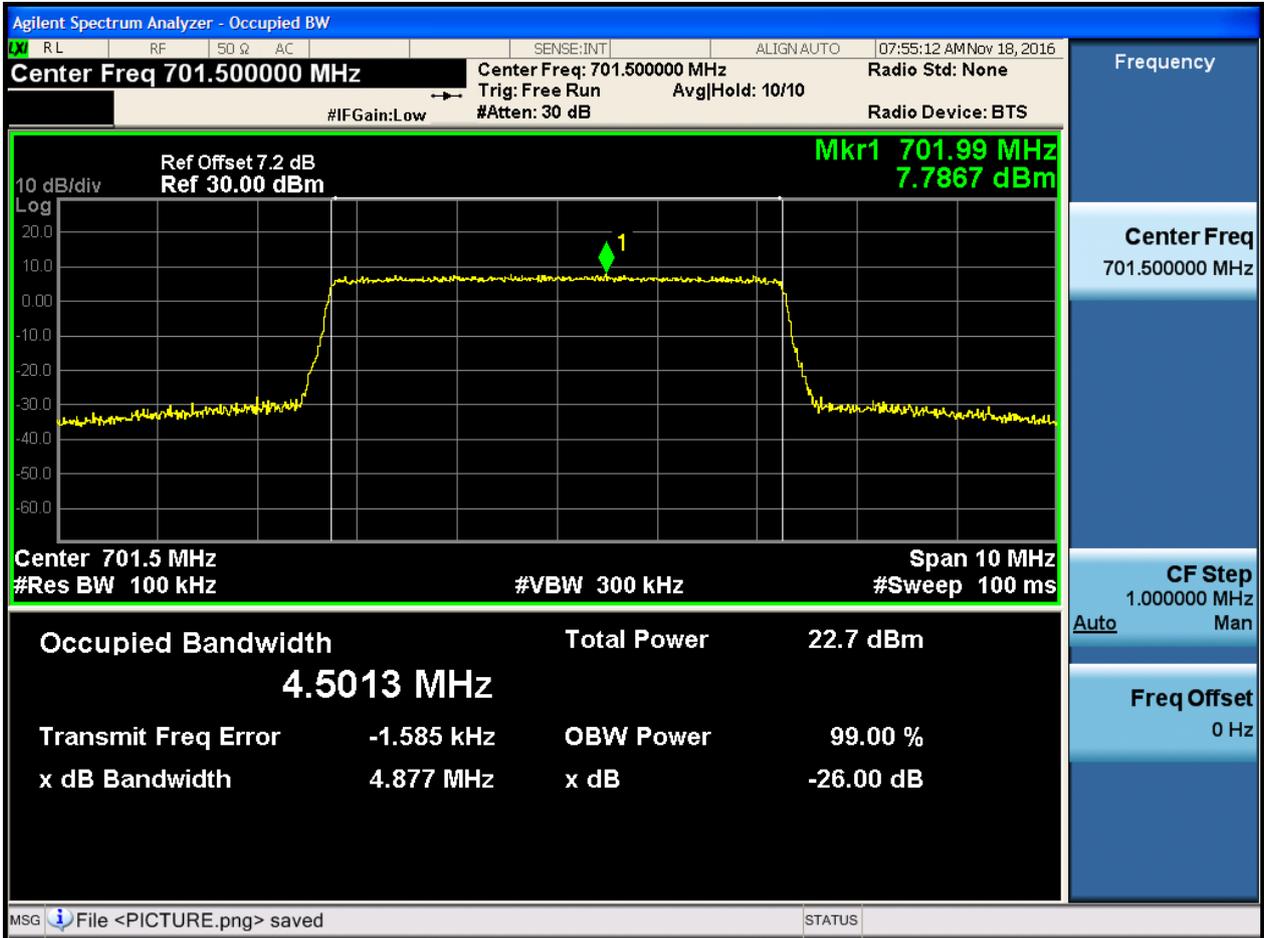
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0
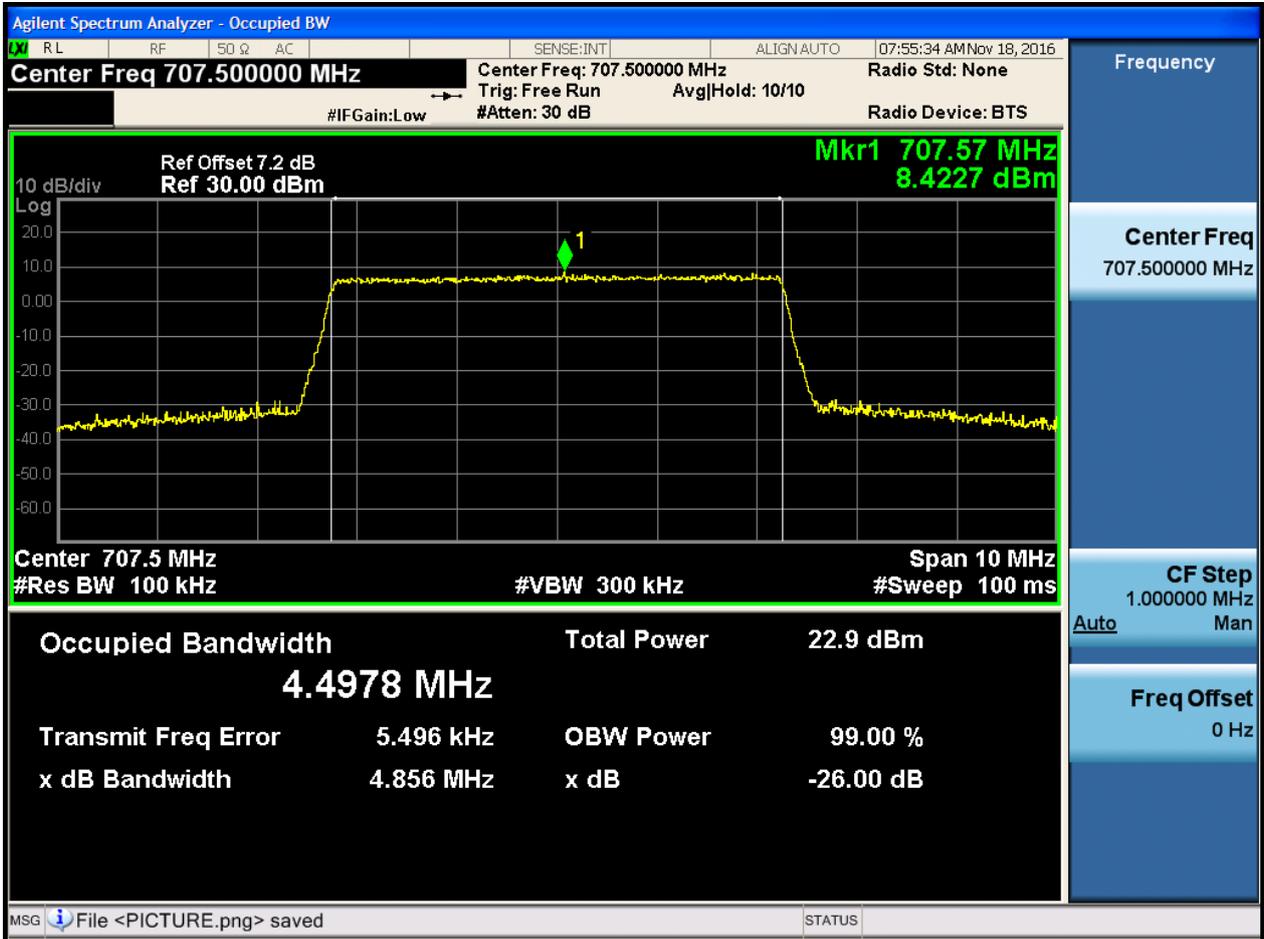
4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0
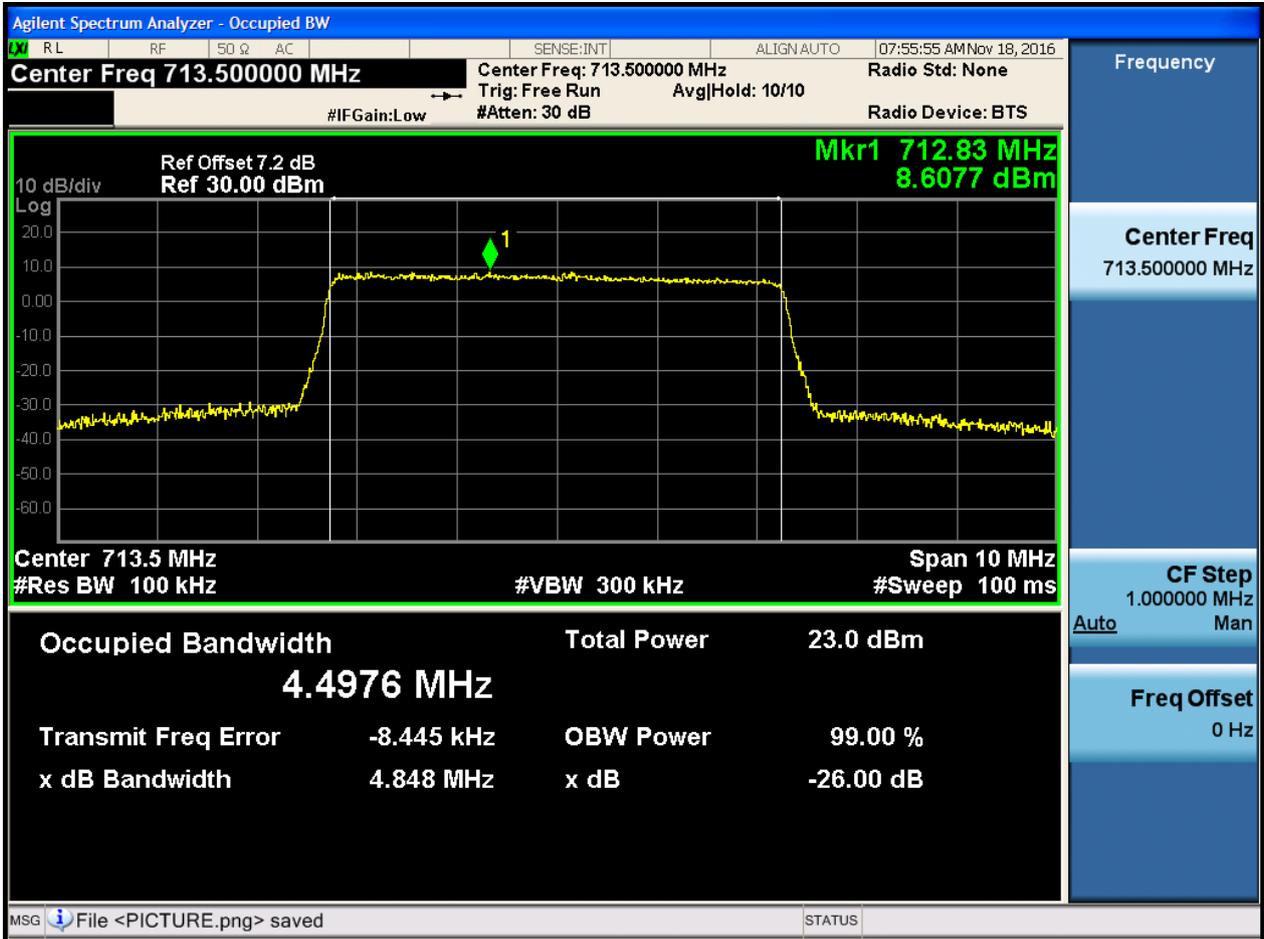
4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0
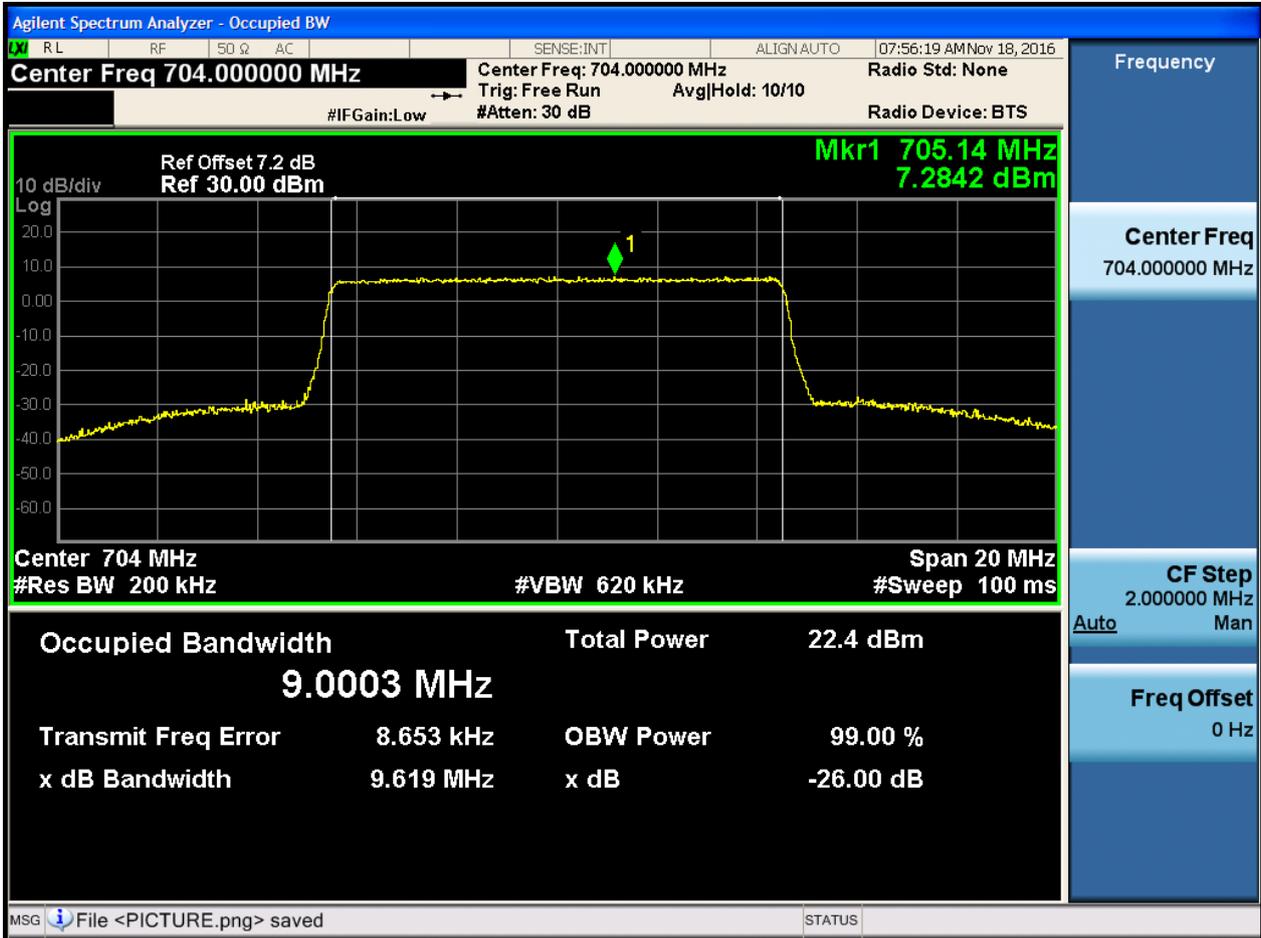
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0
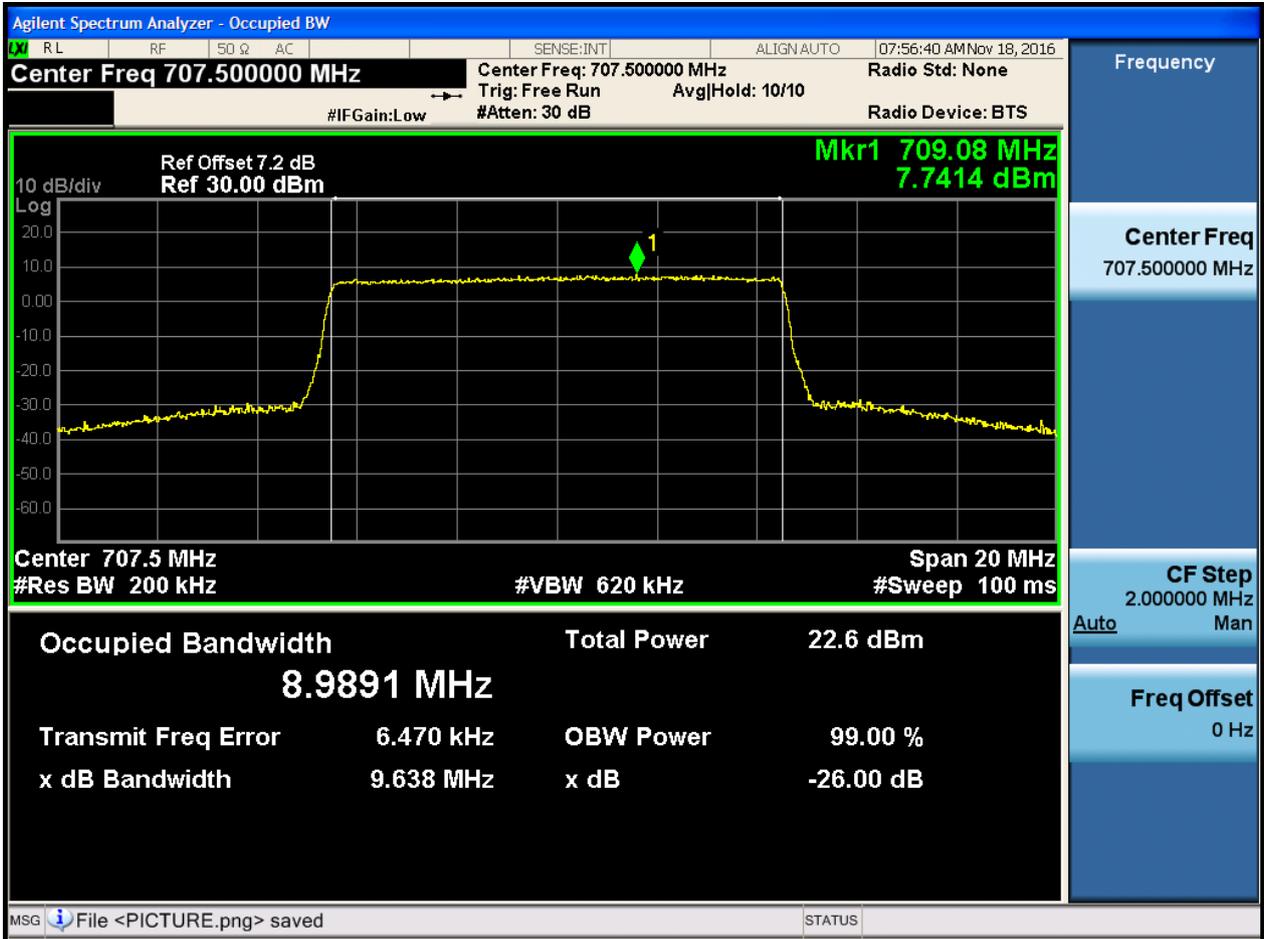
4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0
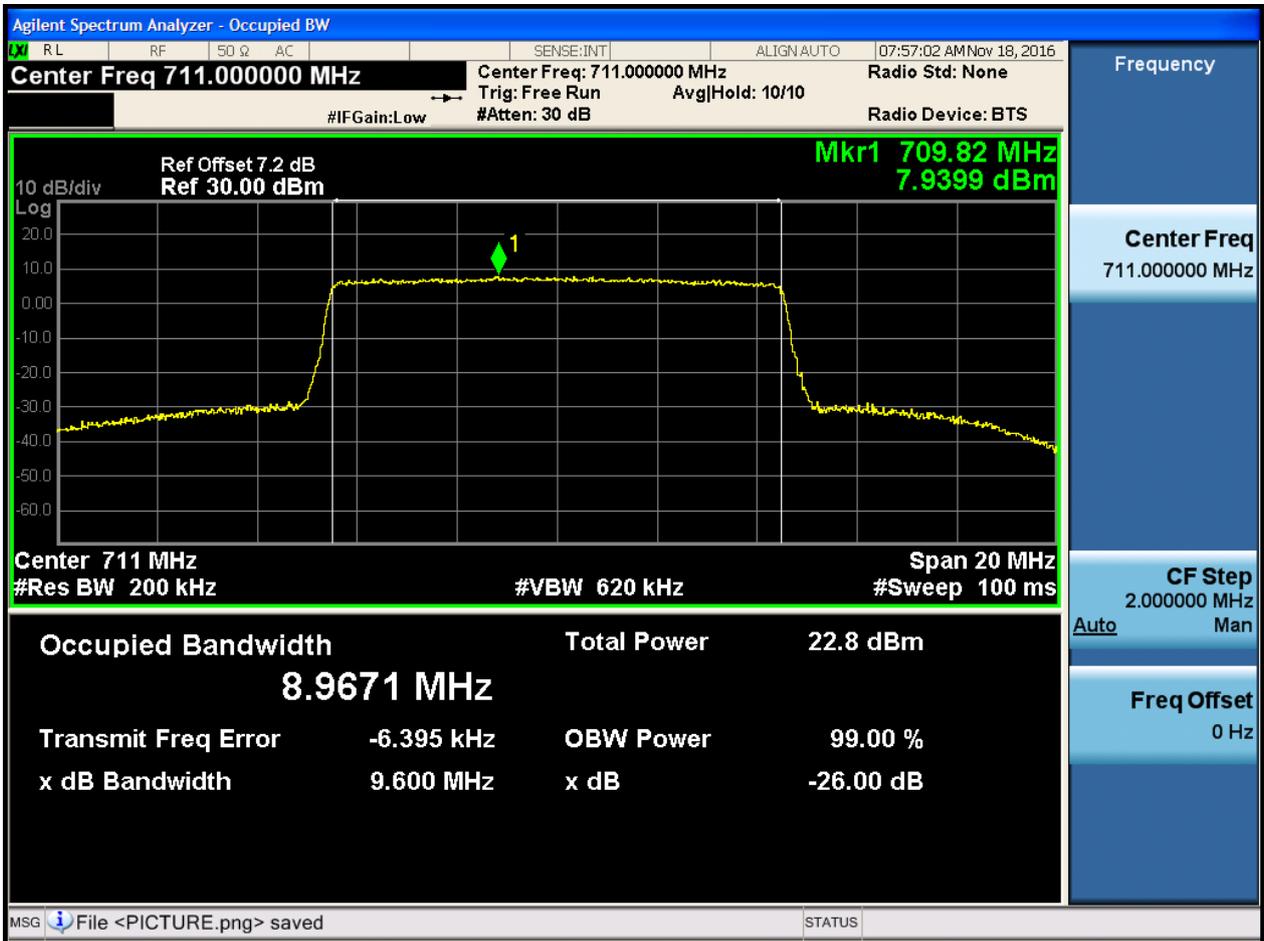
5Appendix_E: Band Edges Compliance

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

5.1.1.1.1.1.2 Test RB = RB1#5
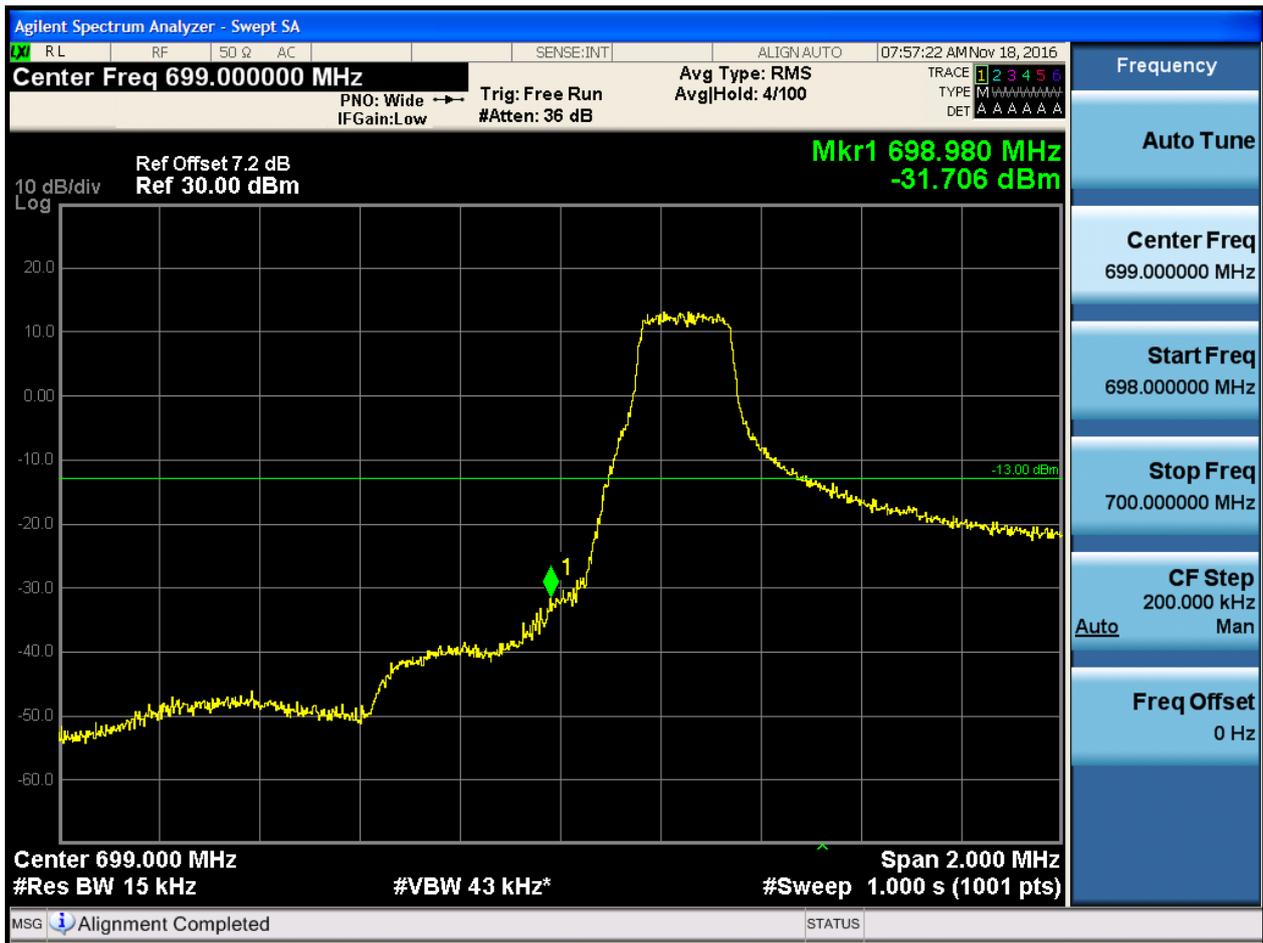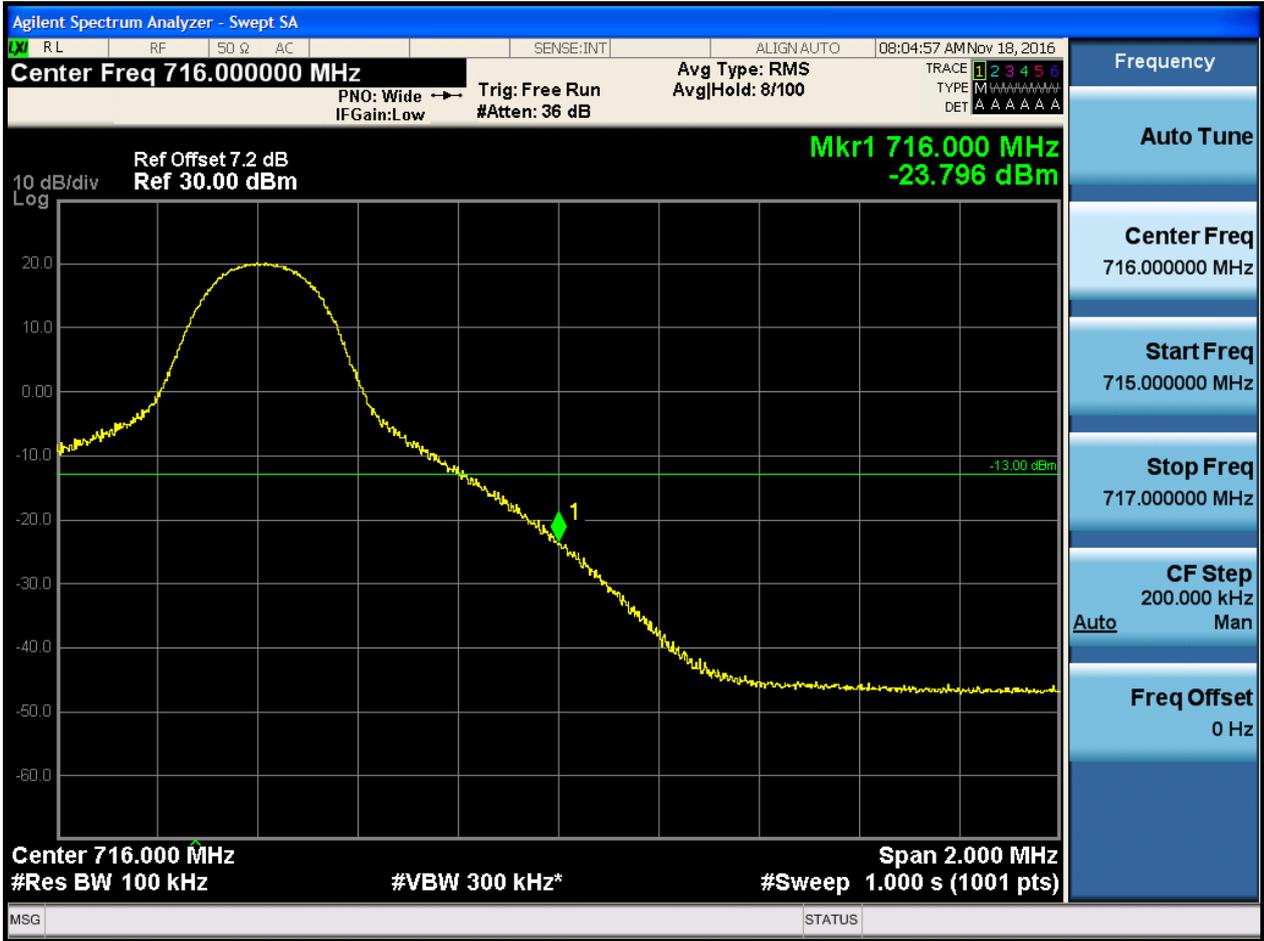
5.1.1.1.1.3 Test RB = RB3#2
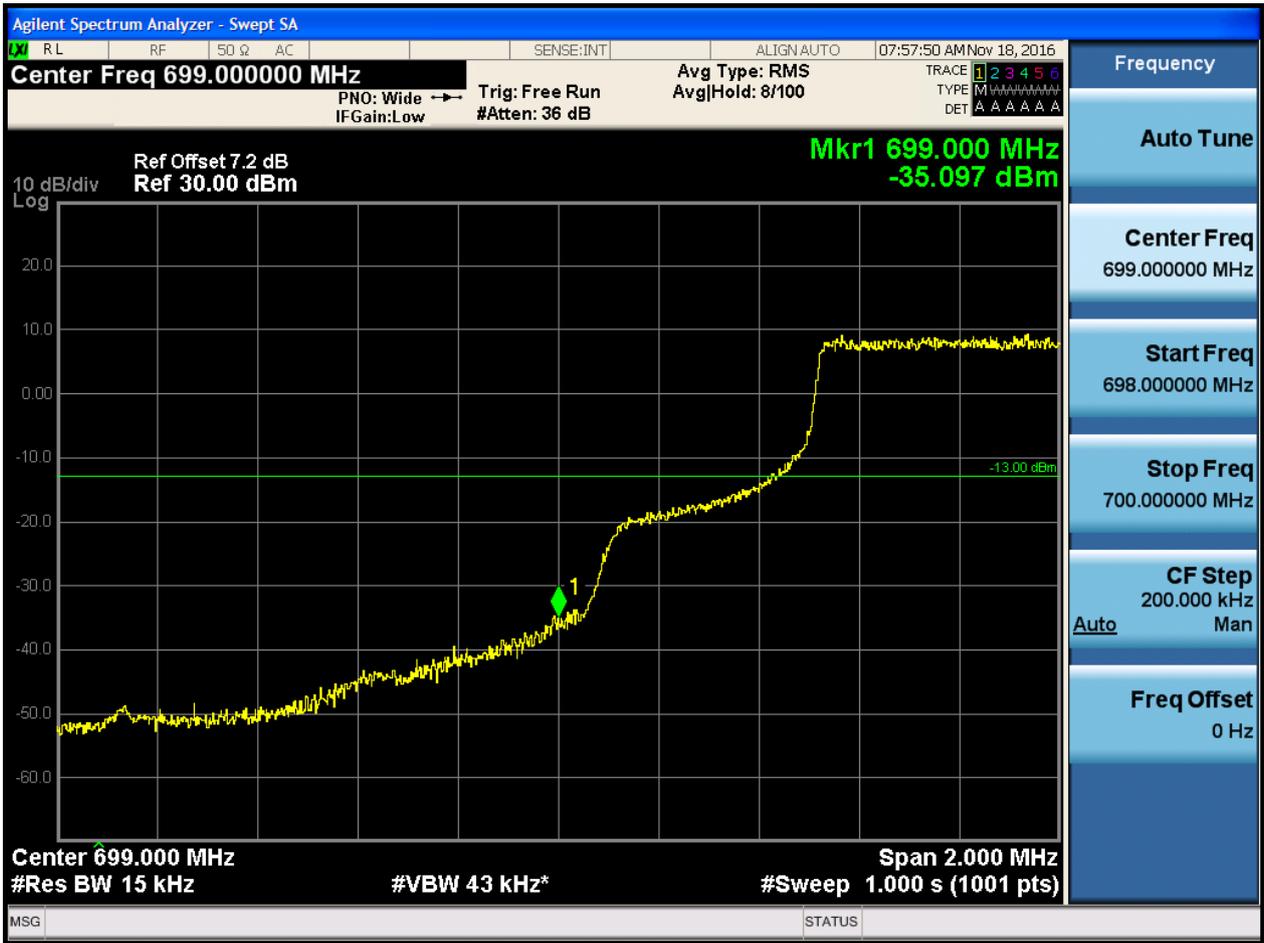
5.1.1.1.1.1.4 Test RB = RB6#0
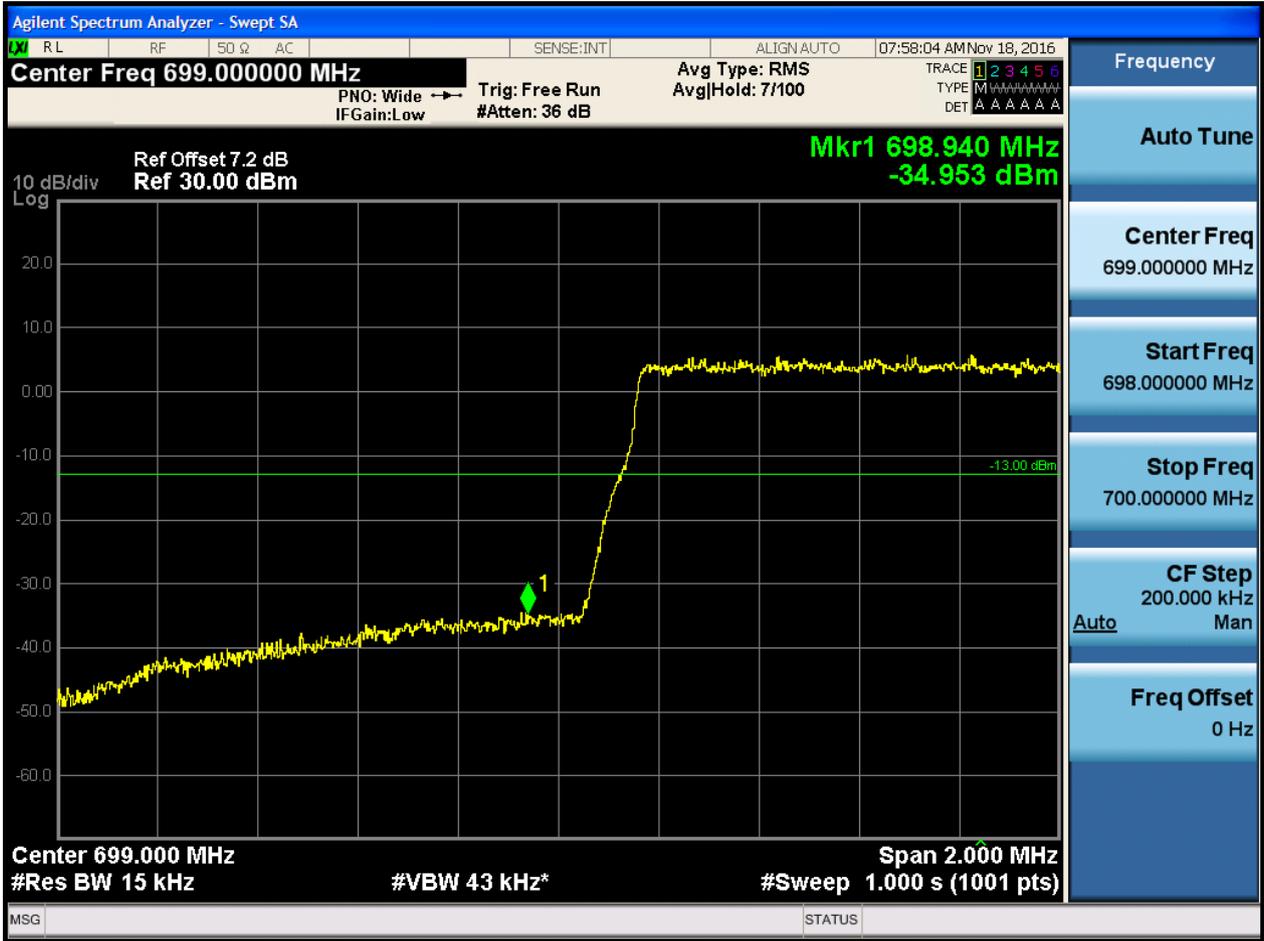
5.1.1.1.1.2 Test Channel = HCH

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
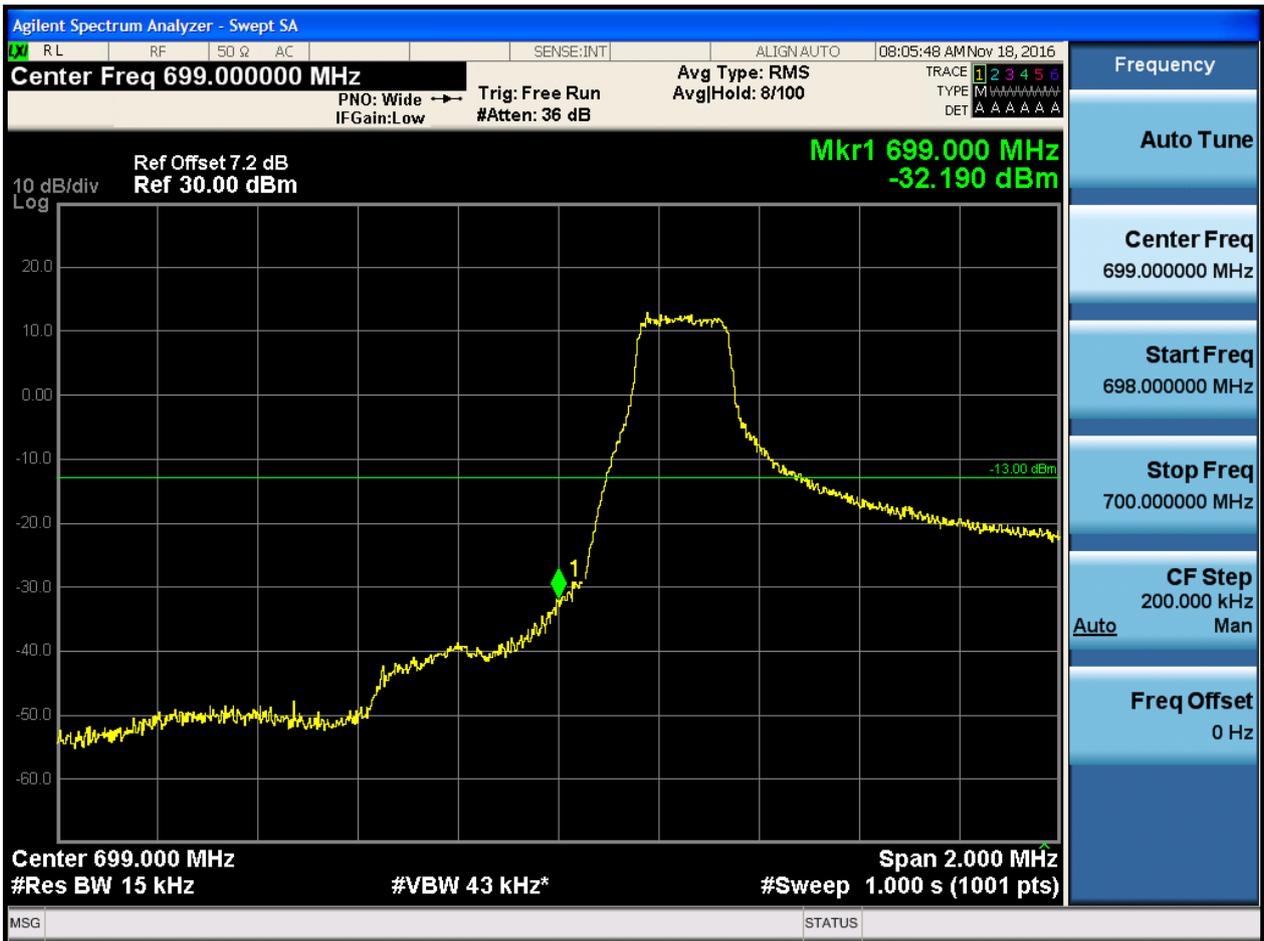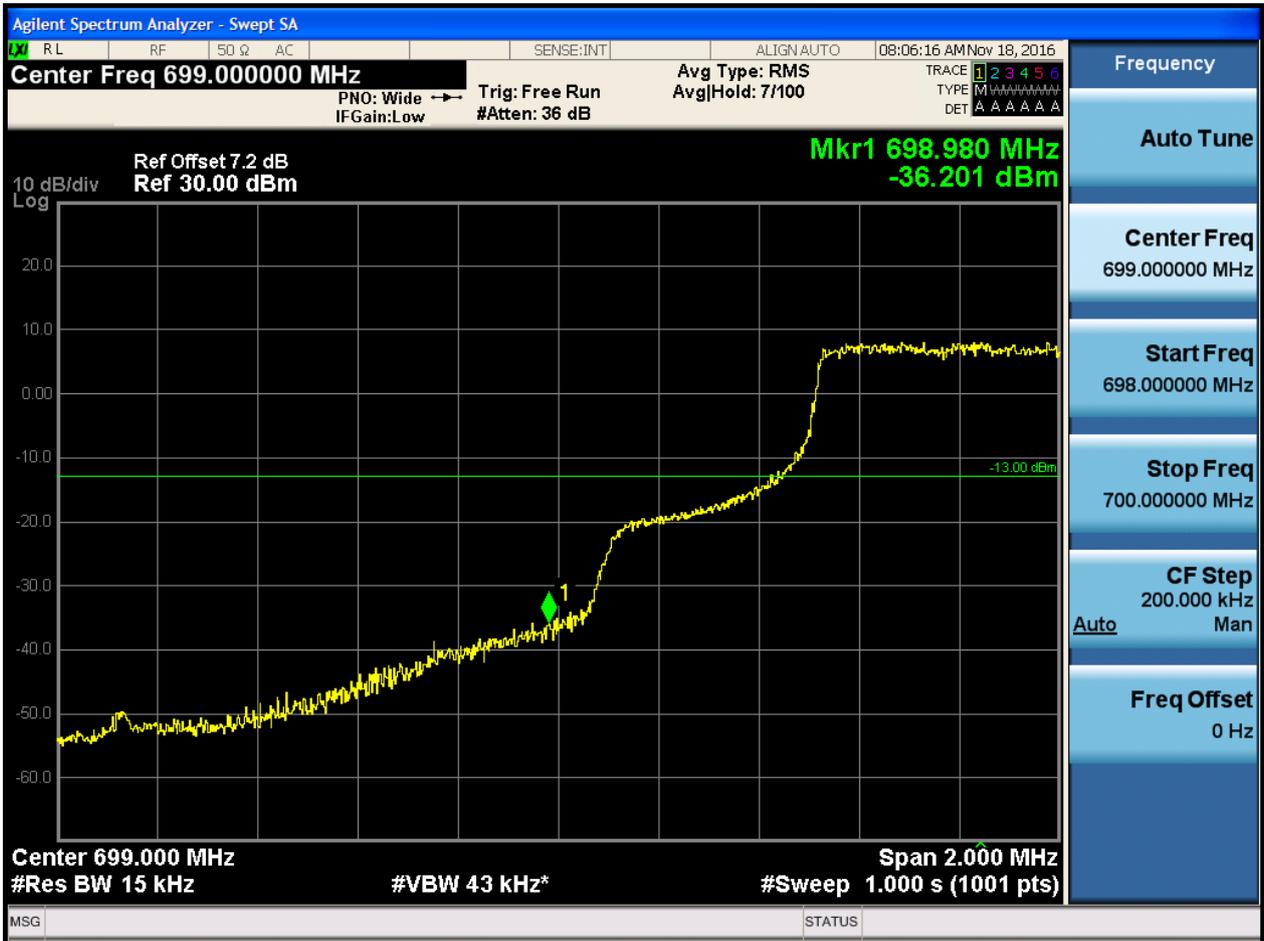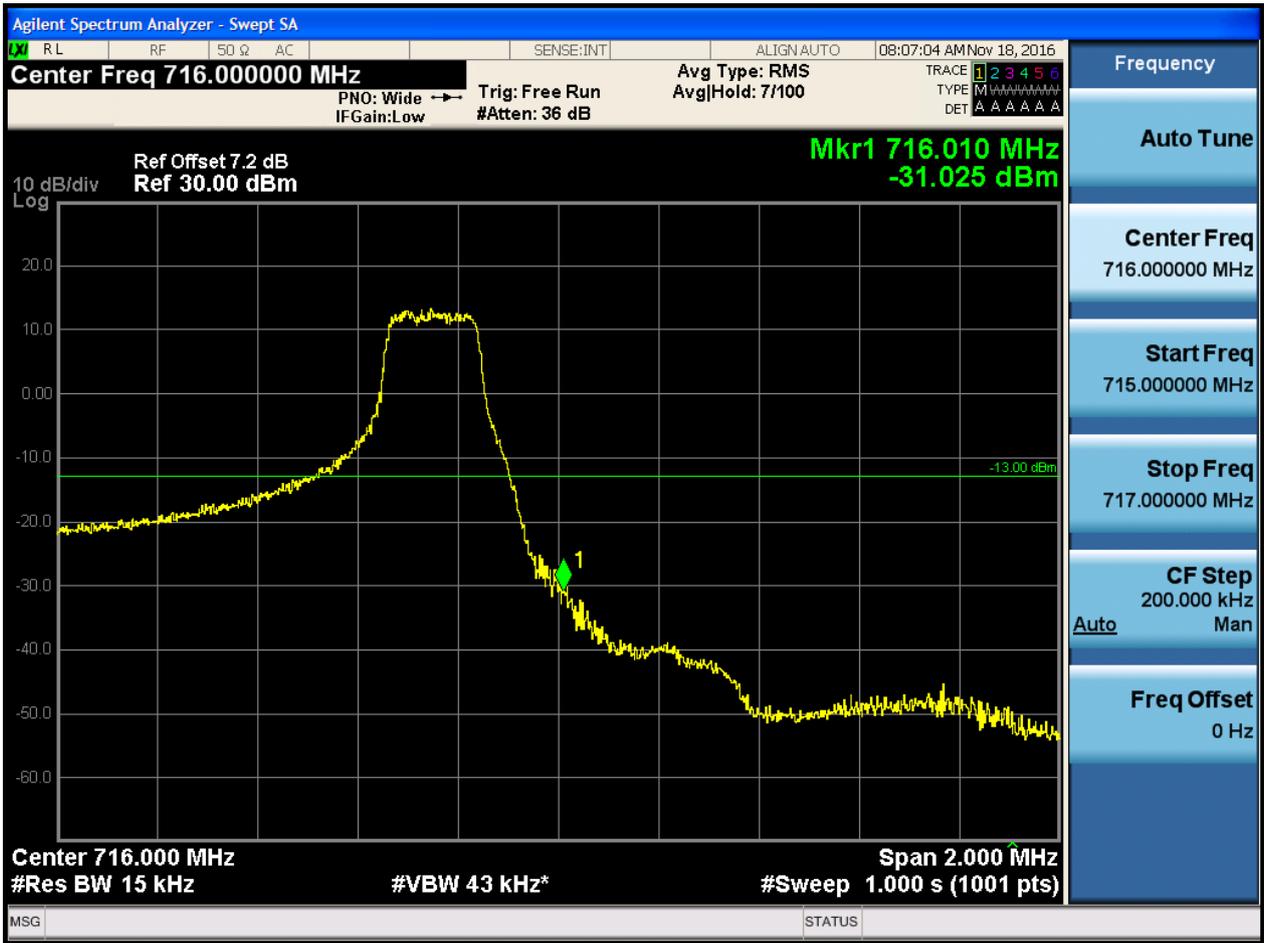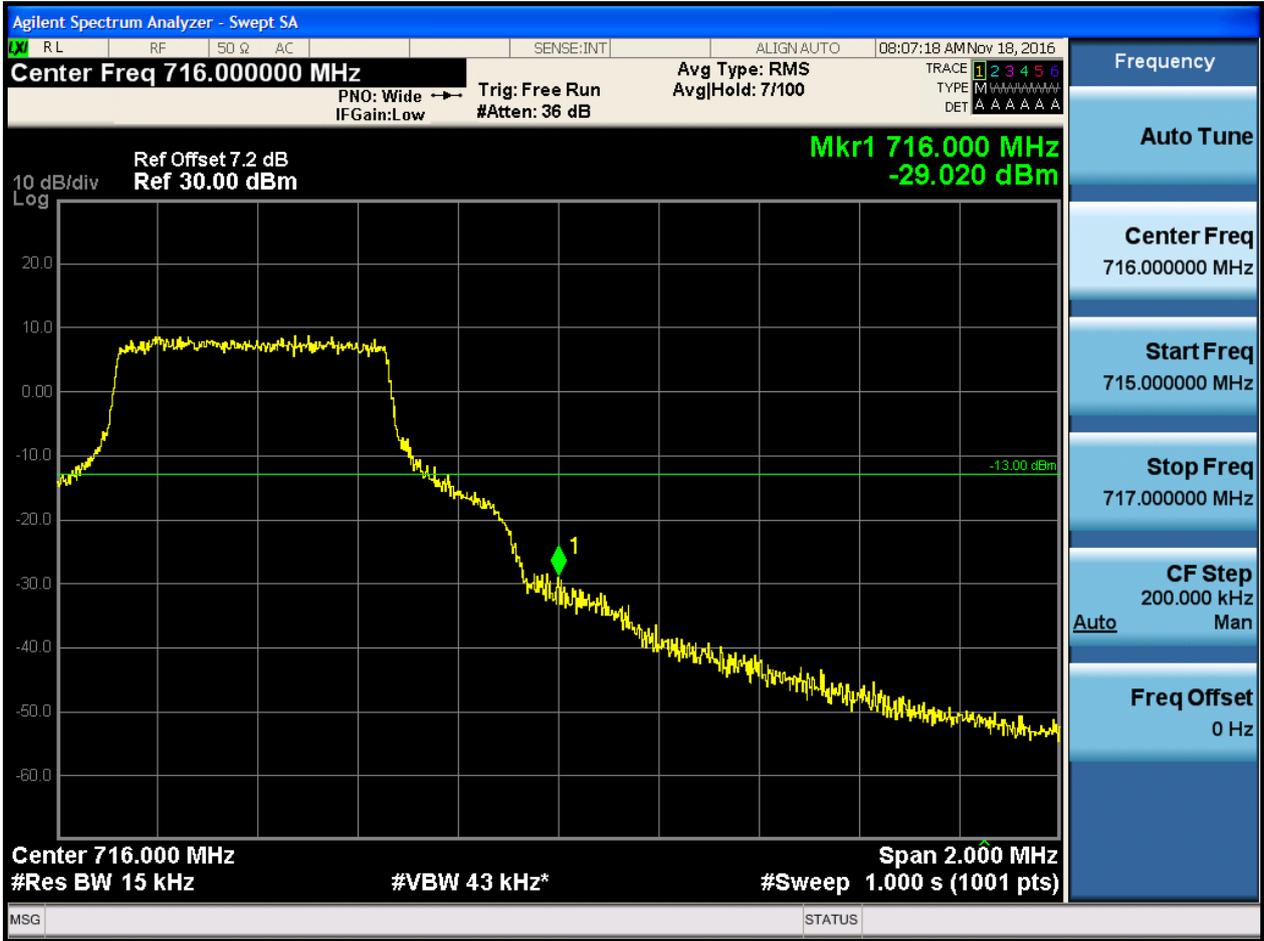
5.1.1.1.1.2.4 Test RB = RB6#0

5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0
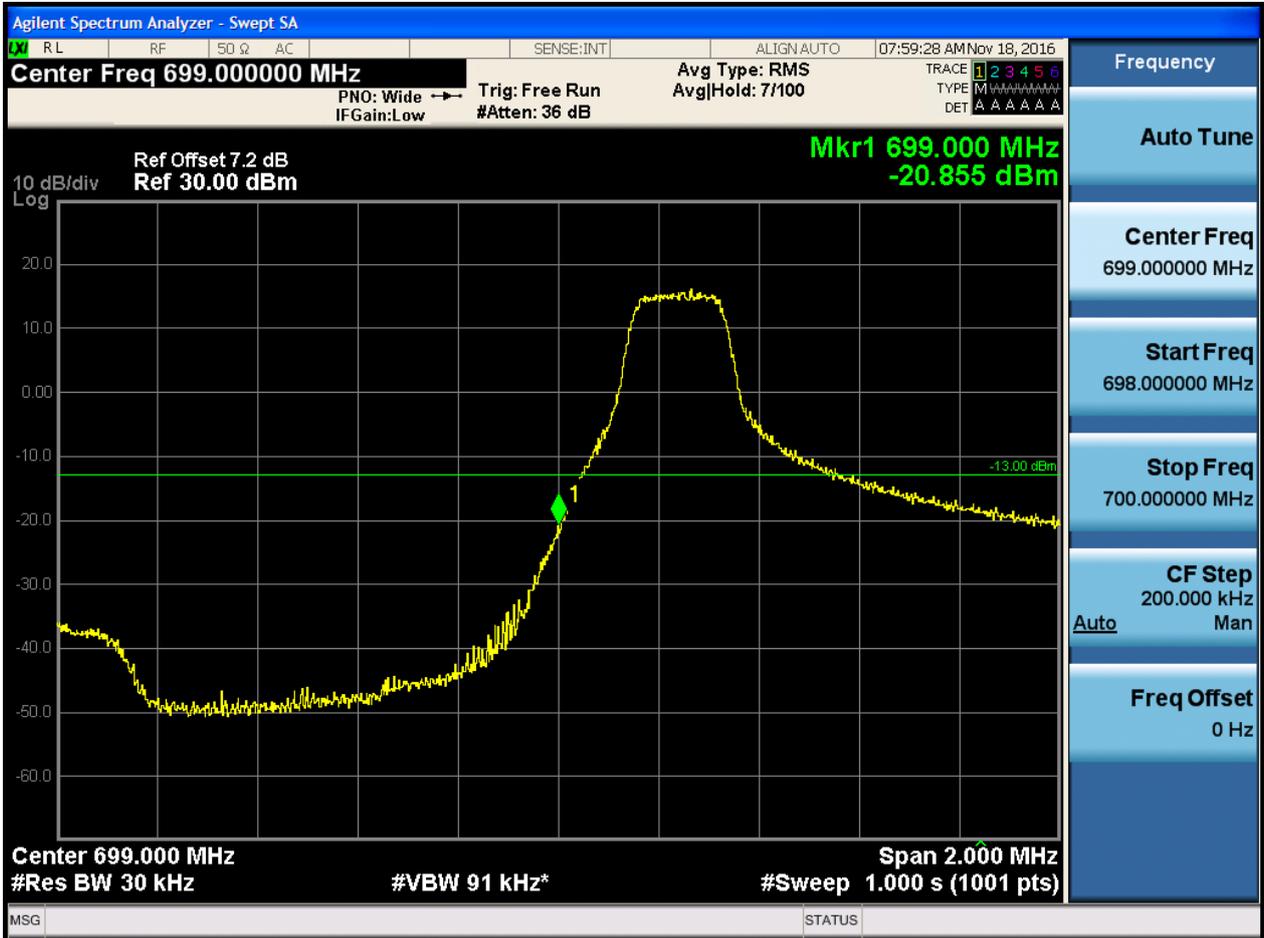
5.1.1.1.2.1.2 Test RB = RB1#14
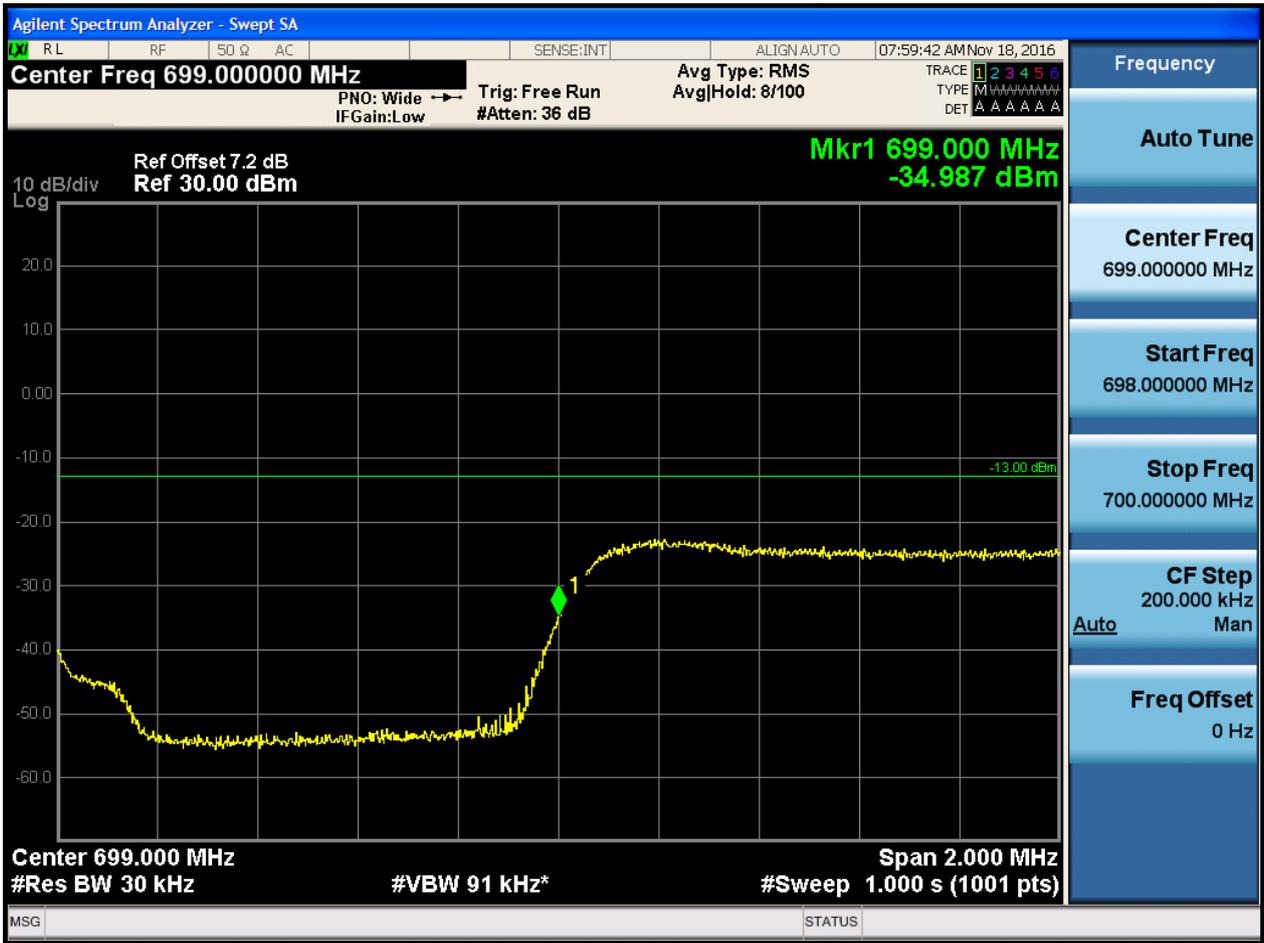
5.1.1.1.2.1.3 Test RB = RB8#4

5.1.1.1.2.1.4 Test RB = RB15#0
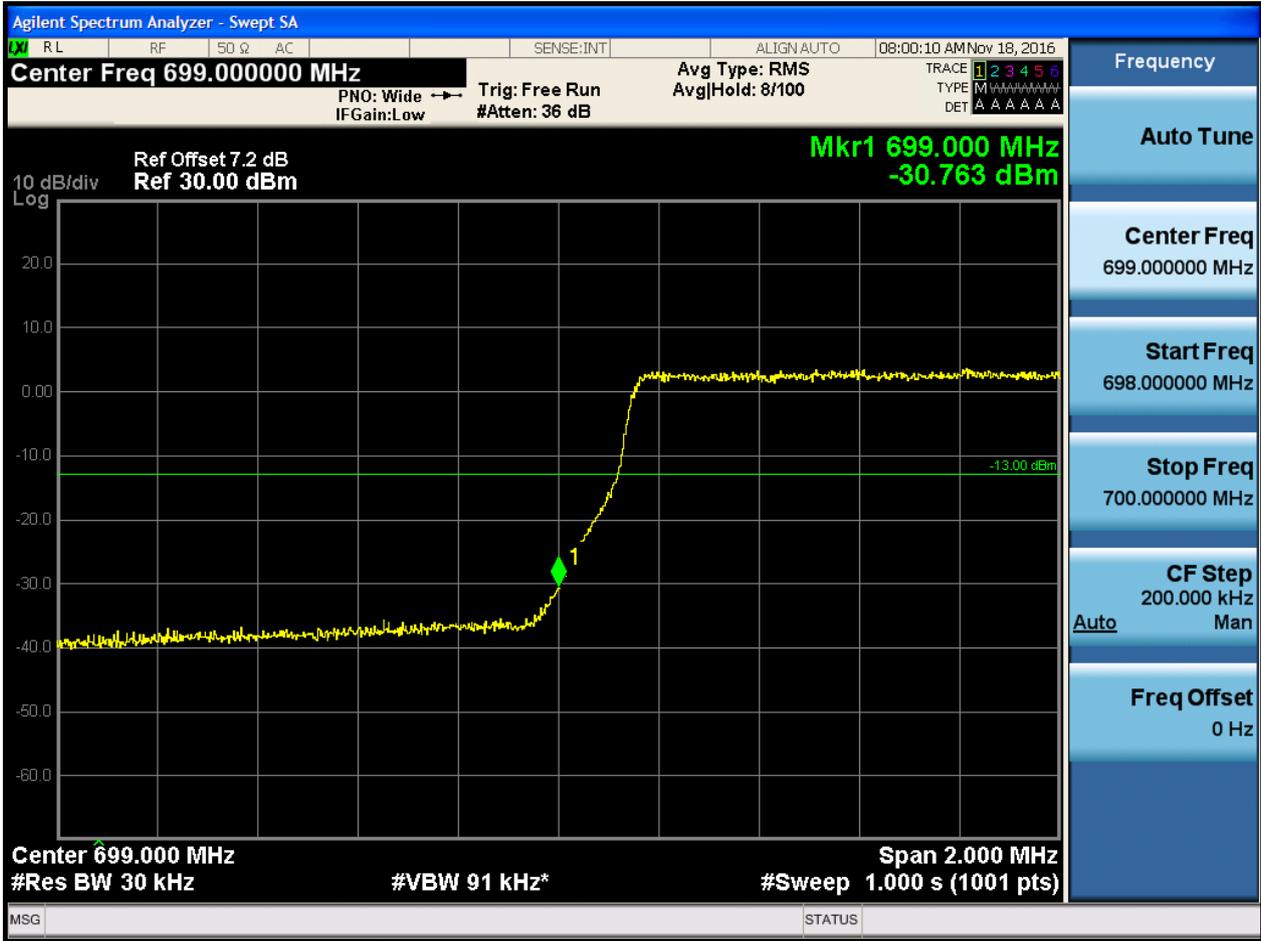
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0
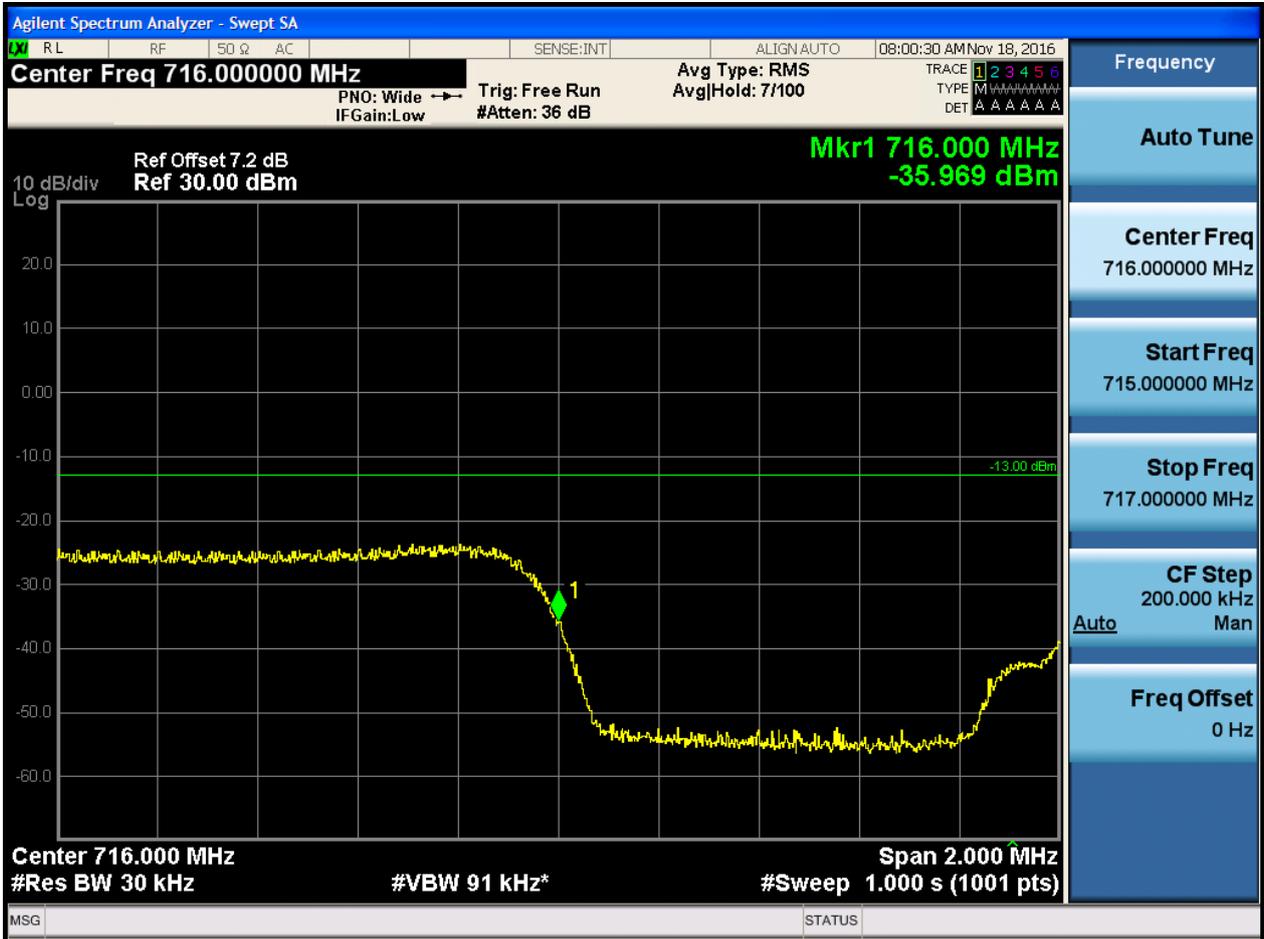
5.1.1.1.2.2.2 Test RB = RB1#14
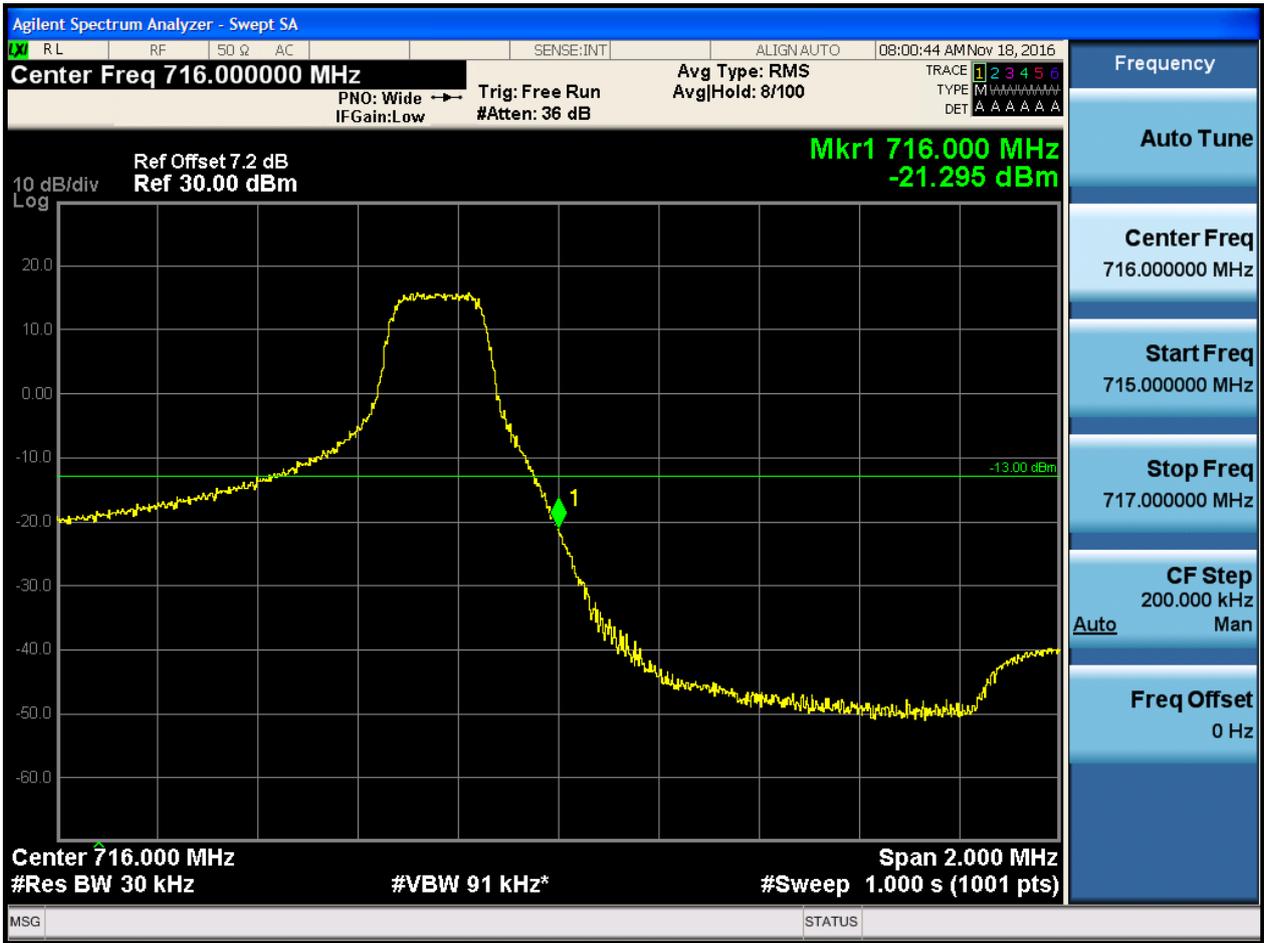
5.1.1.1.2.2.3 Test RB = RB8#4

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
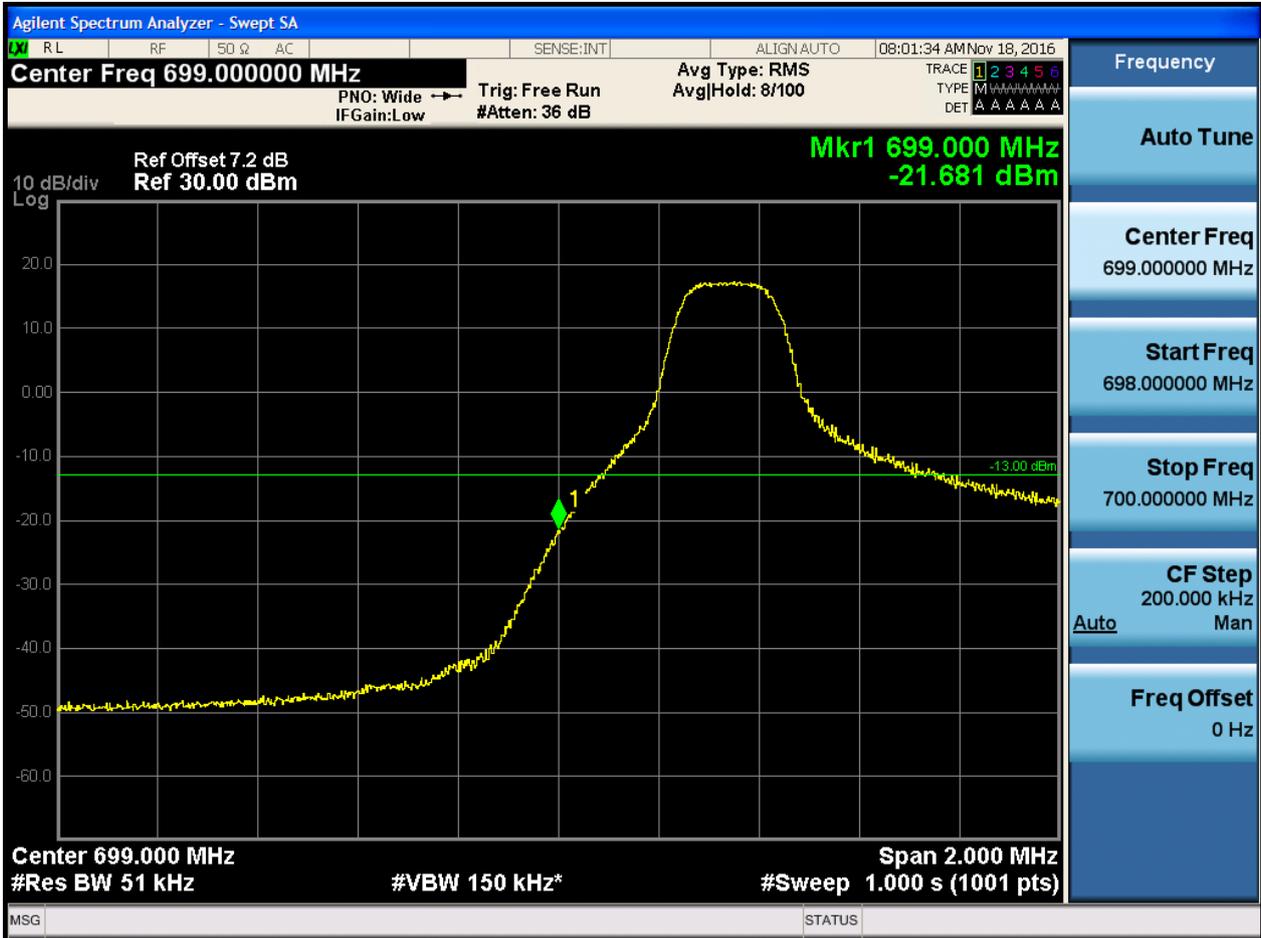
5.1.1.1.3.1.2 Test RB = RB1#24

5.1.1.1.3.1.3 Test RB = RB12#6

5.1.1.1.3.1.4 Test RB = RB25#0
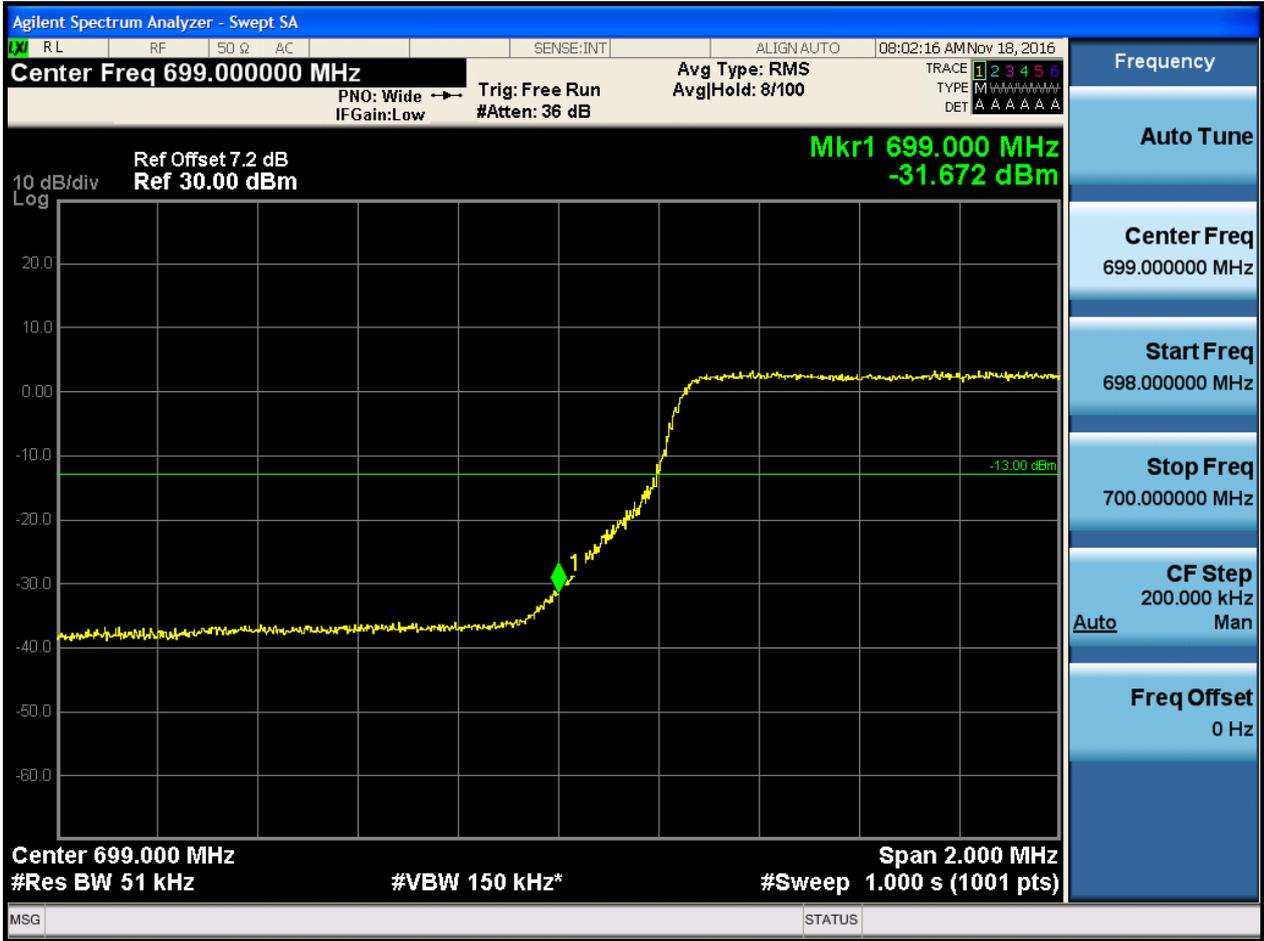
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0

5.1.1.1.3.2.2 Test RB = RB1#24

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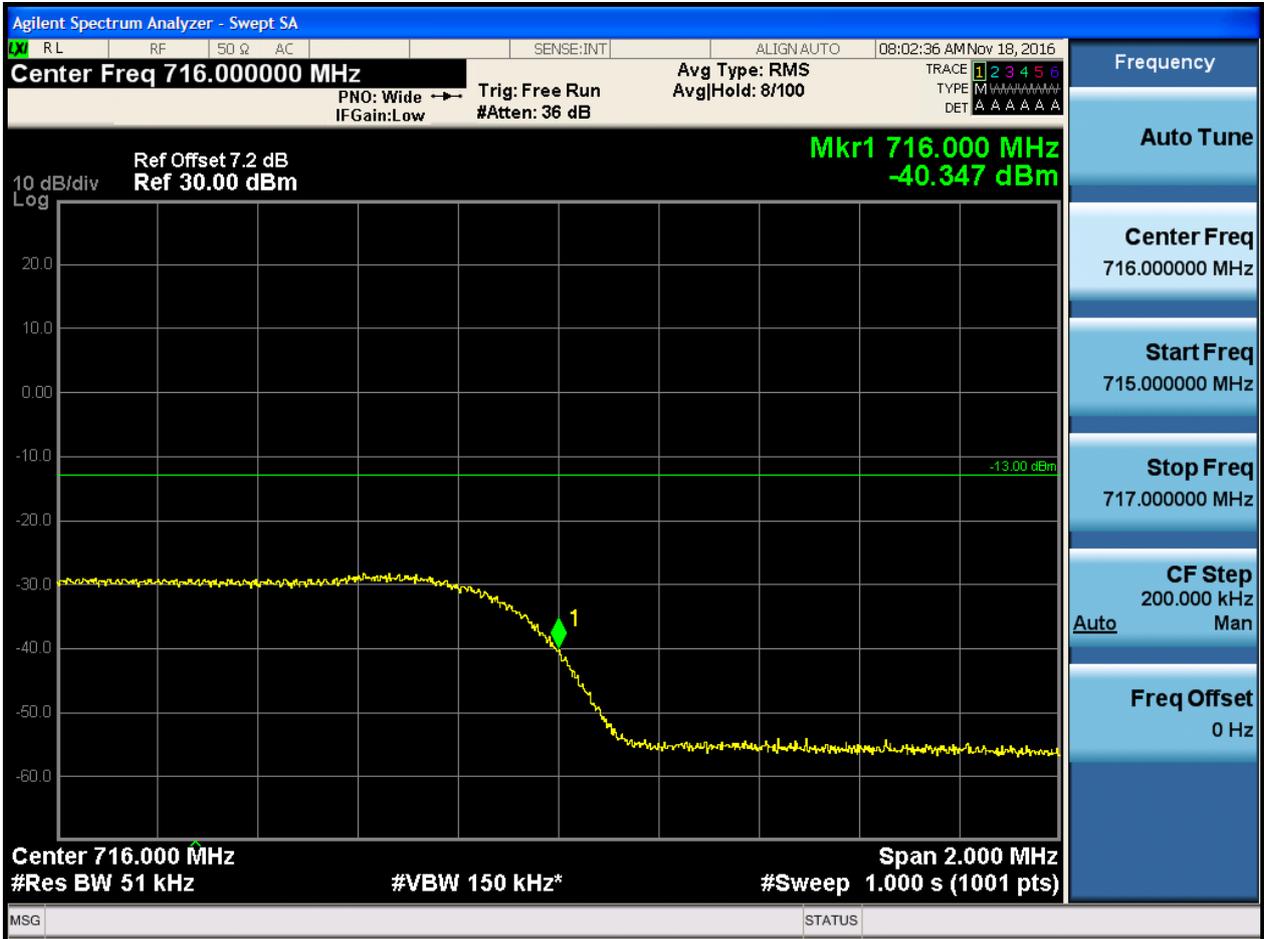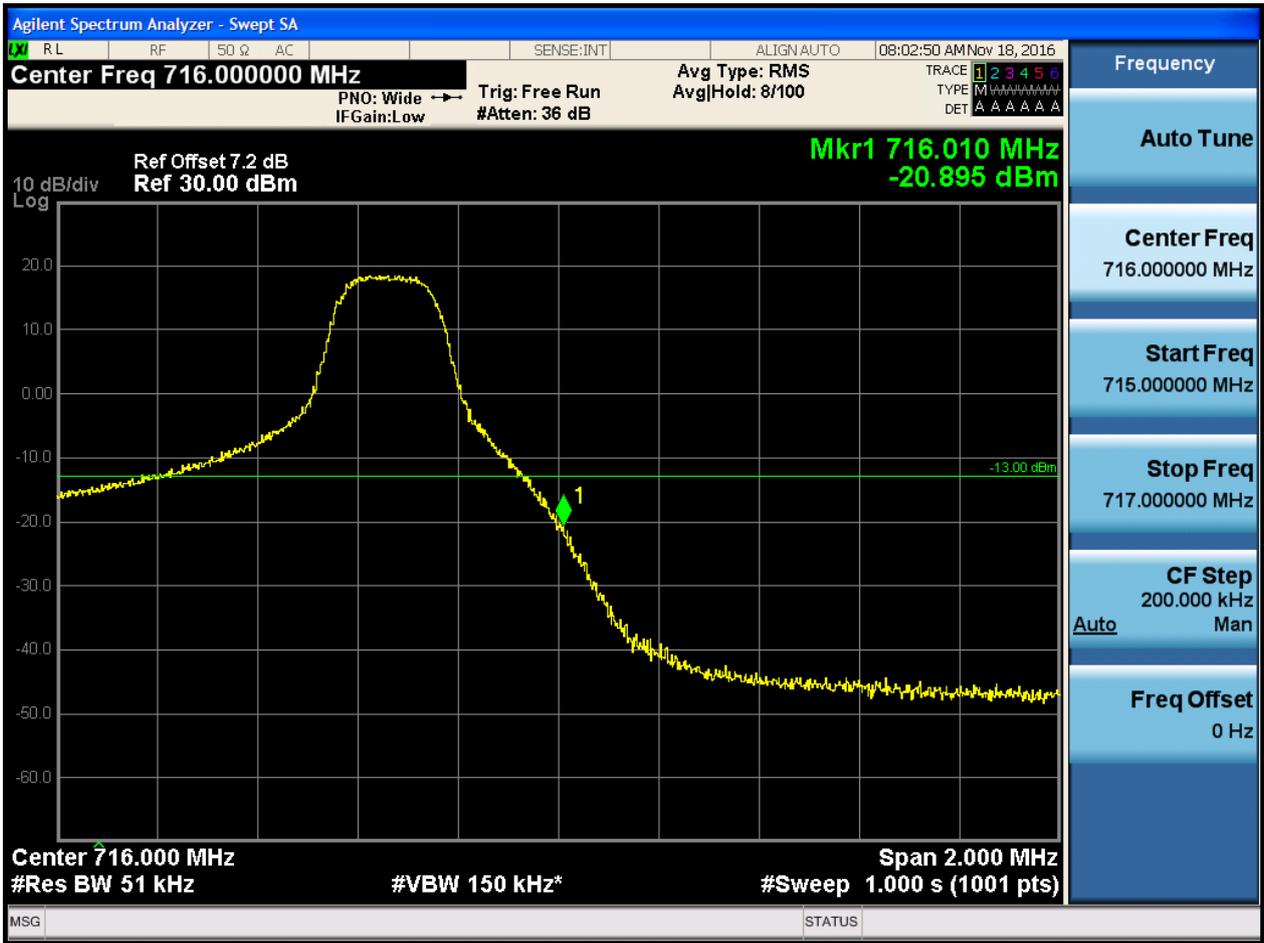
5.1.1.1.3.2.3 Test RB = RB12#6
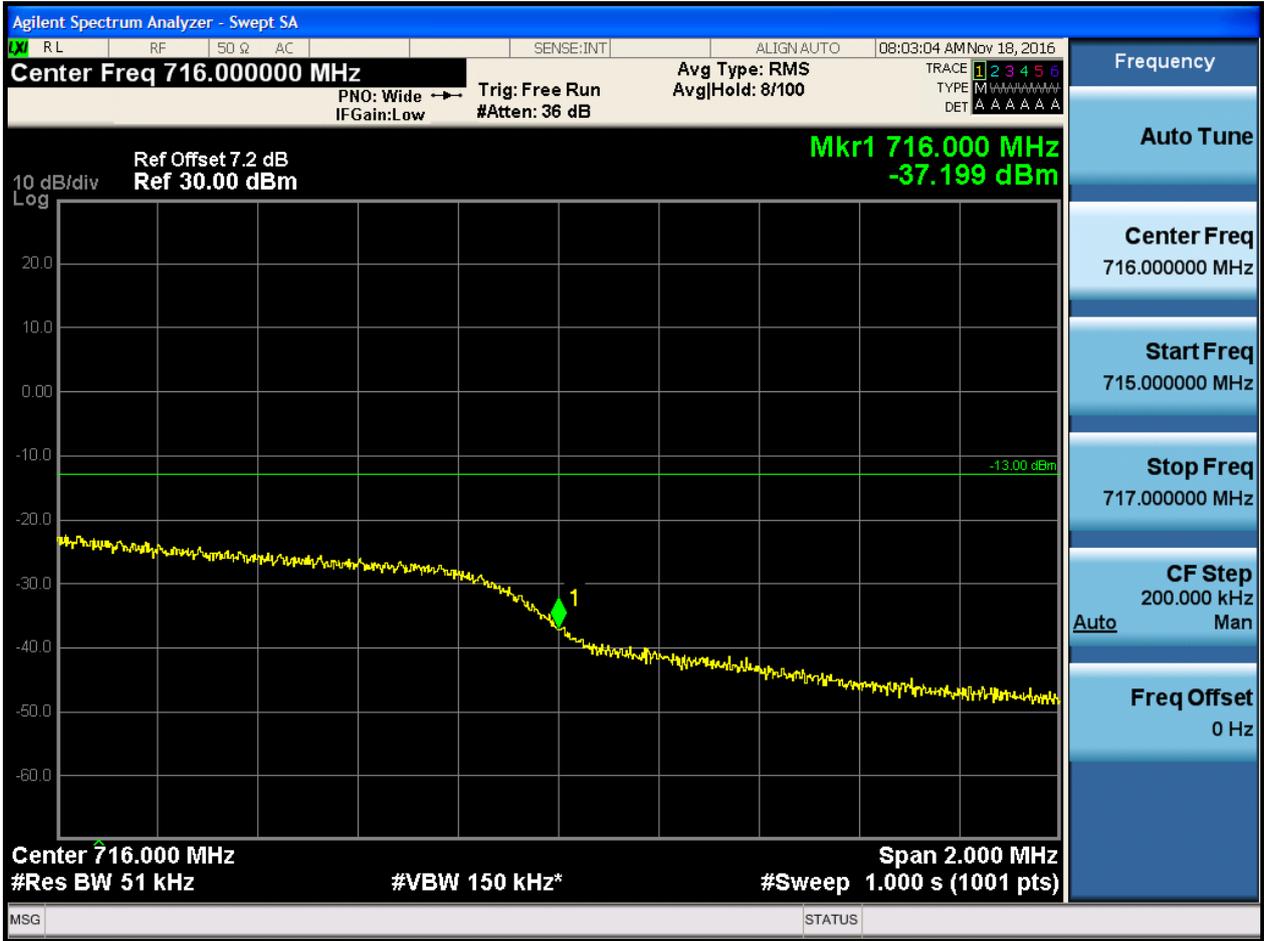
5.1.1.1.3.2.4 Test RB = RB25#0

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
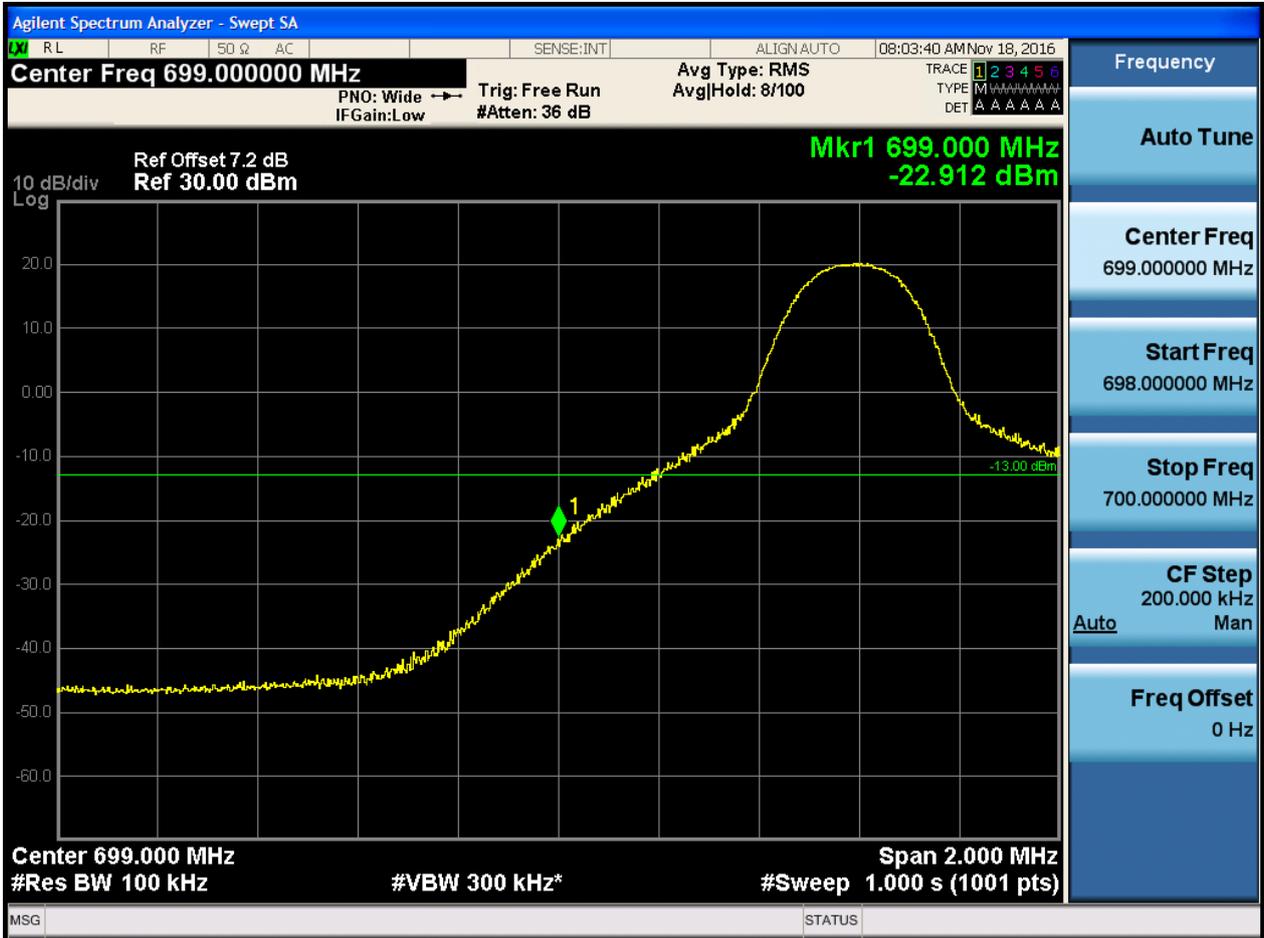
5.1.1.1.4.1.2 Test RB = RB1#49

5.1.1.1.4.1.3 Test RB = RB25#13
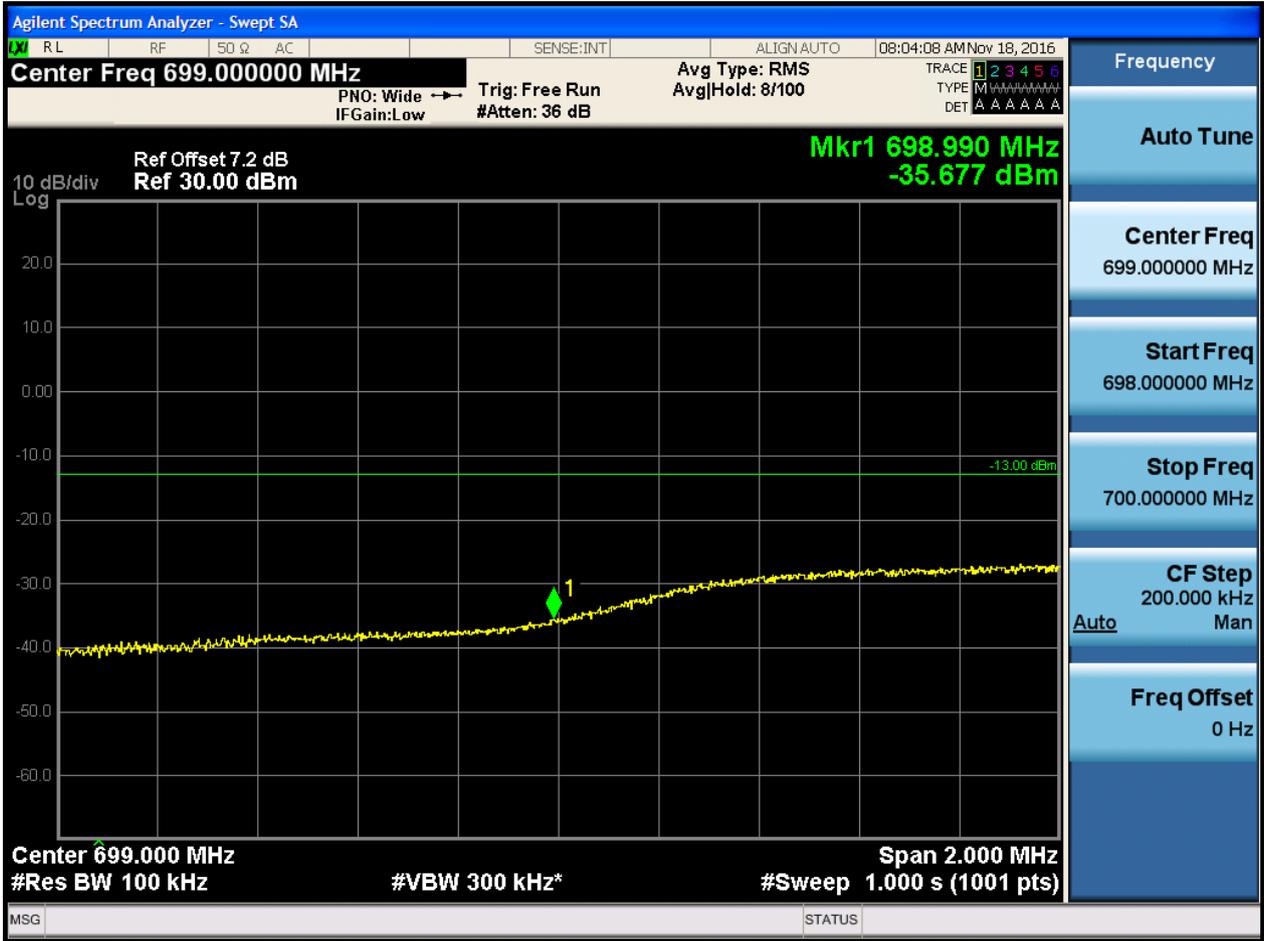
5.1.1.1.4.1.4 Test RB = RB50#0

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

Agilent Spectrum Analyzer - Swept SA

| LXI | R L | RF | 50 Ω | AC | | | SENSE:INT | | ALIGN AUTO | 08:04:57 AM Nov 18, 2016 |

Center Freq 716.000000 MHz

PNO: Wide ↔
IFGain:Low

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg|Hold: 8/100

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

Mkr1 716.000 MHz
-23.796 dBm

Ref Offset 7.2 dB
10 dB/div **Ref 30.00 dBm**
Log

20.0

10.0

0.00

-10.0   -13.00 dBm

-20.0   1

-30.0

-40.0

-50.0

-60.0

Center 716.000 MHz   Span 2.000 MHz
#Res BW 100 kHz   #VBW 300 kHz*   #Sweep 1.000 s (1001 pts)

MSG   STATUS

Frequency

Auto Tune

Center Freq
716.000000 MHz

Start Freq
715.000000 MHz

Stop Freq
717.000000 MHz

CF Step
200.000 kHz
Auto   Man

Freq Offset
0 Hz

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
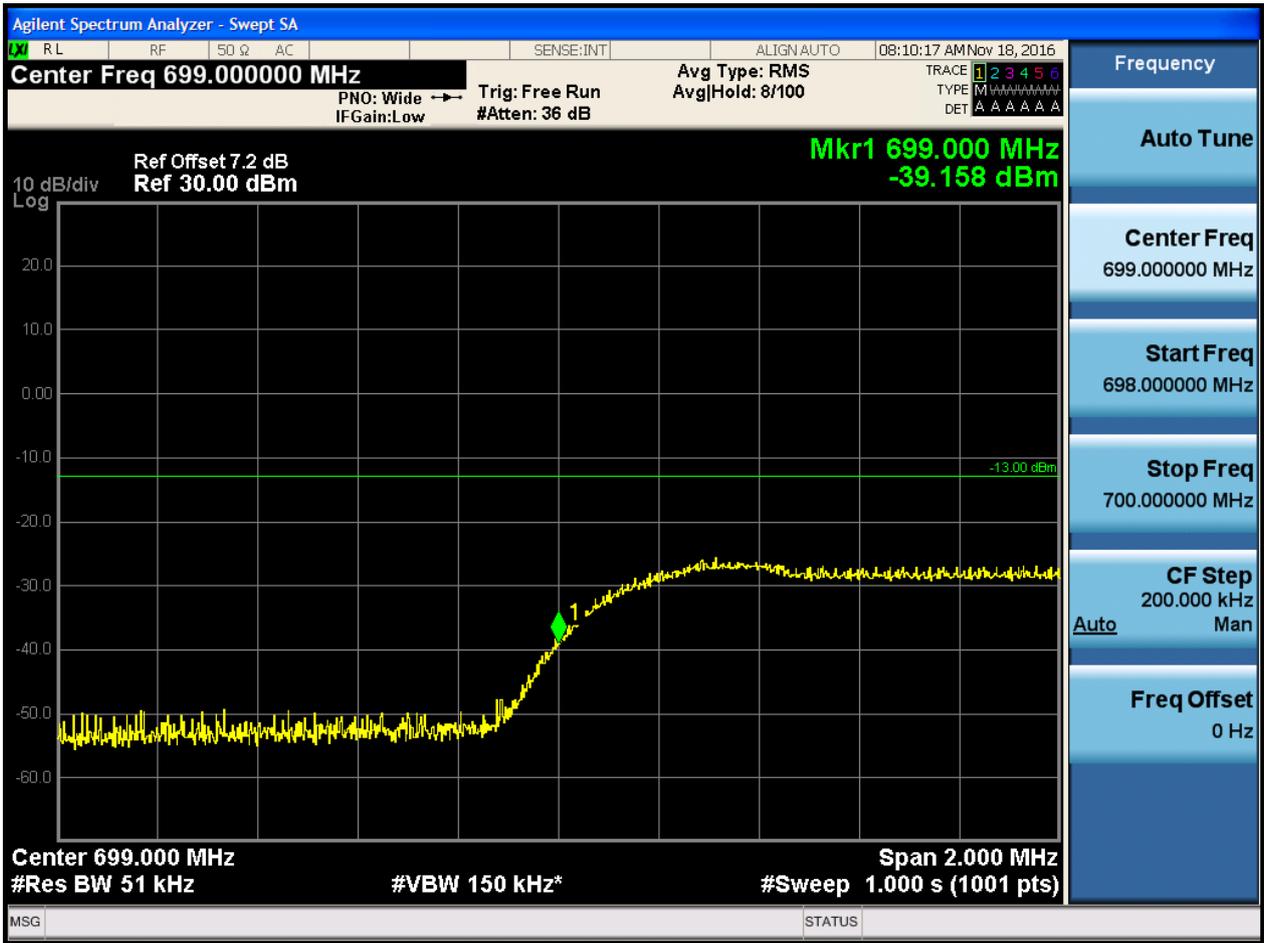
5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0
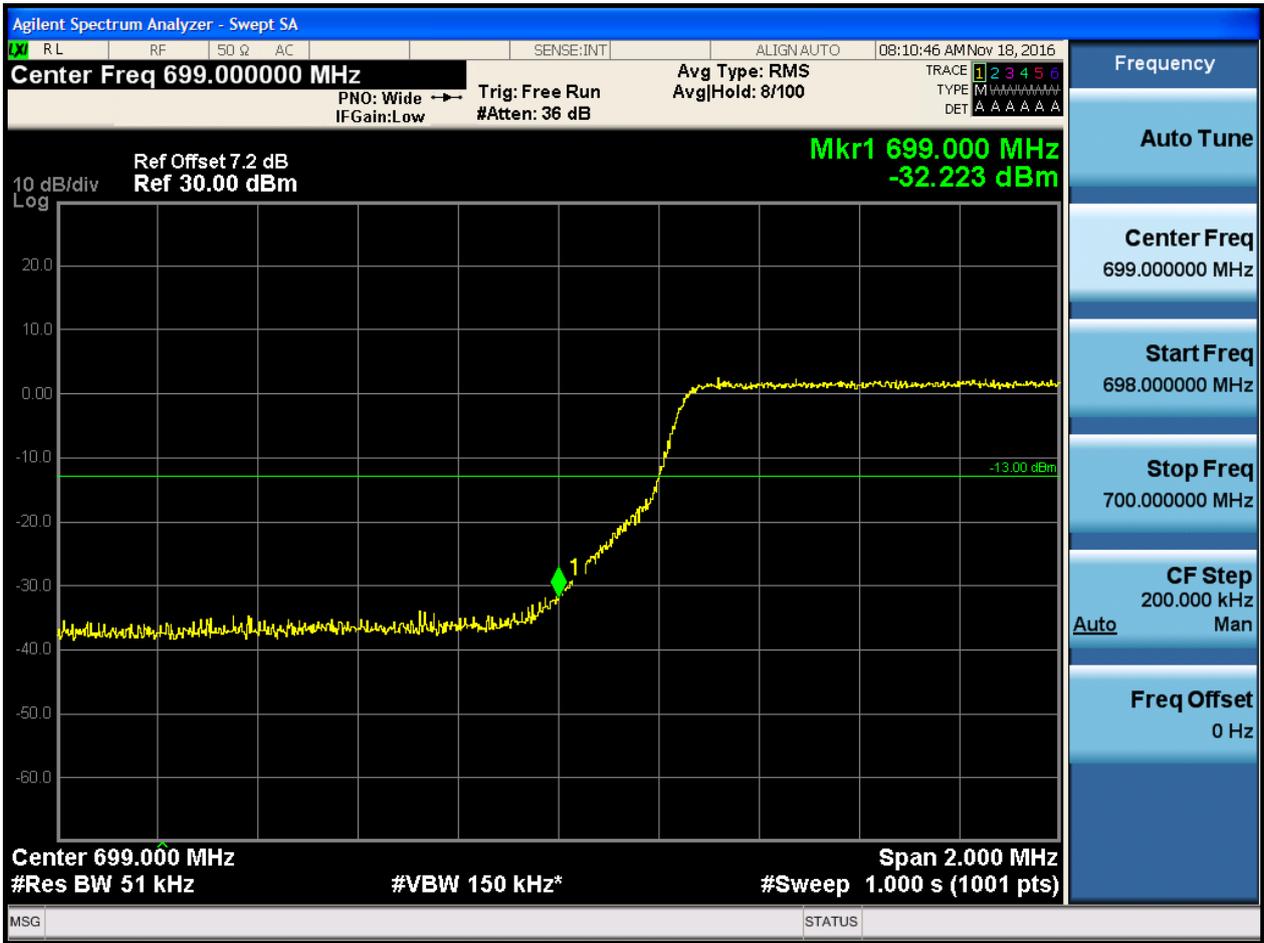
5.1.1.2.1.1.2 Test RB = RB1#5

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

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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
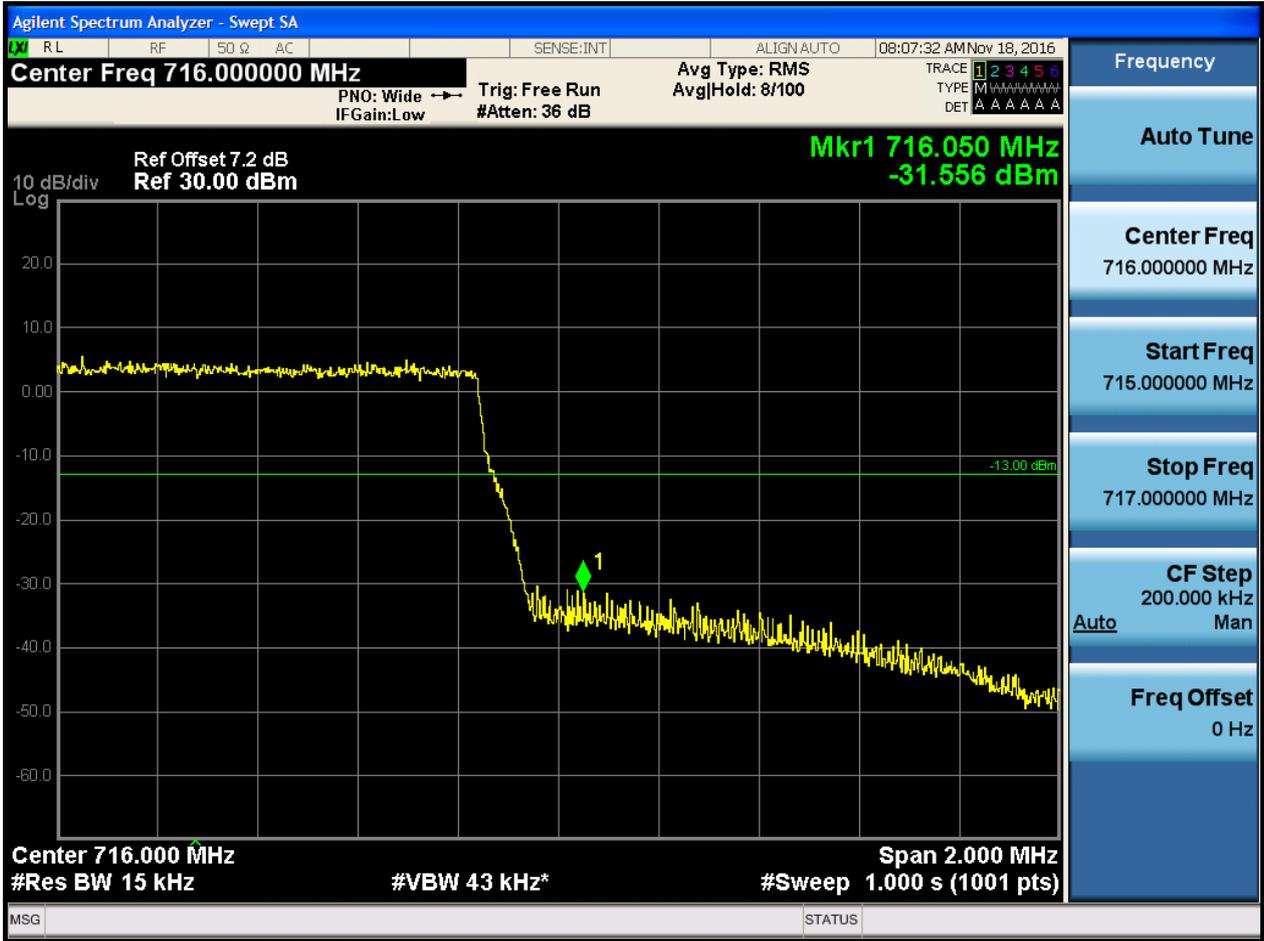
5.1.1.2.2.1.2 Test RB = RB1#14
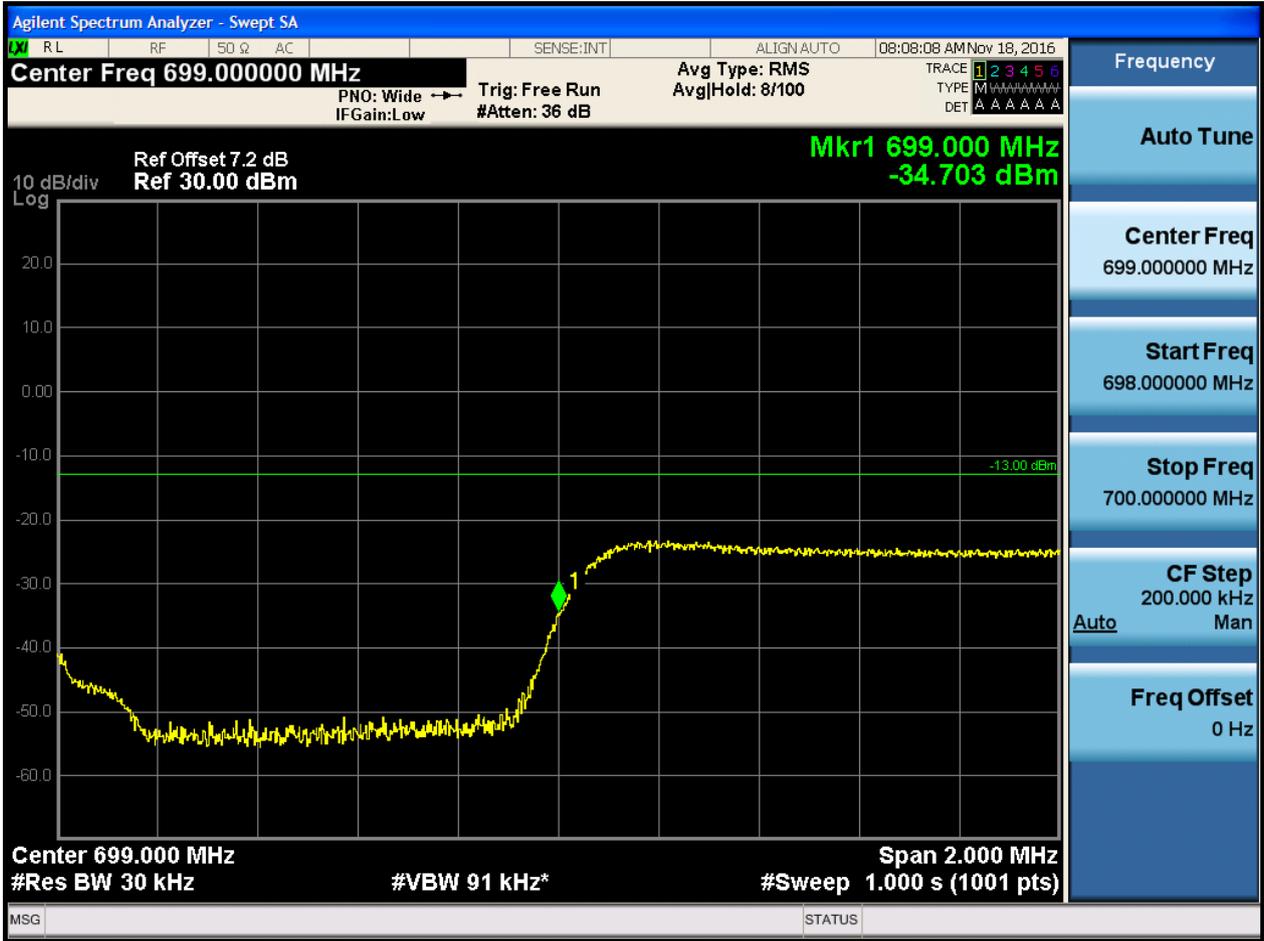
5.1.1.2.2.1.3 Test RB = RB8#4
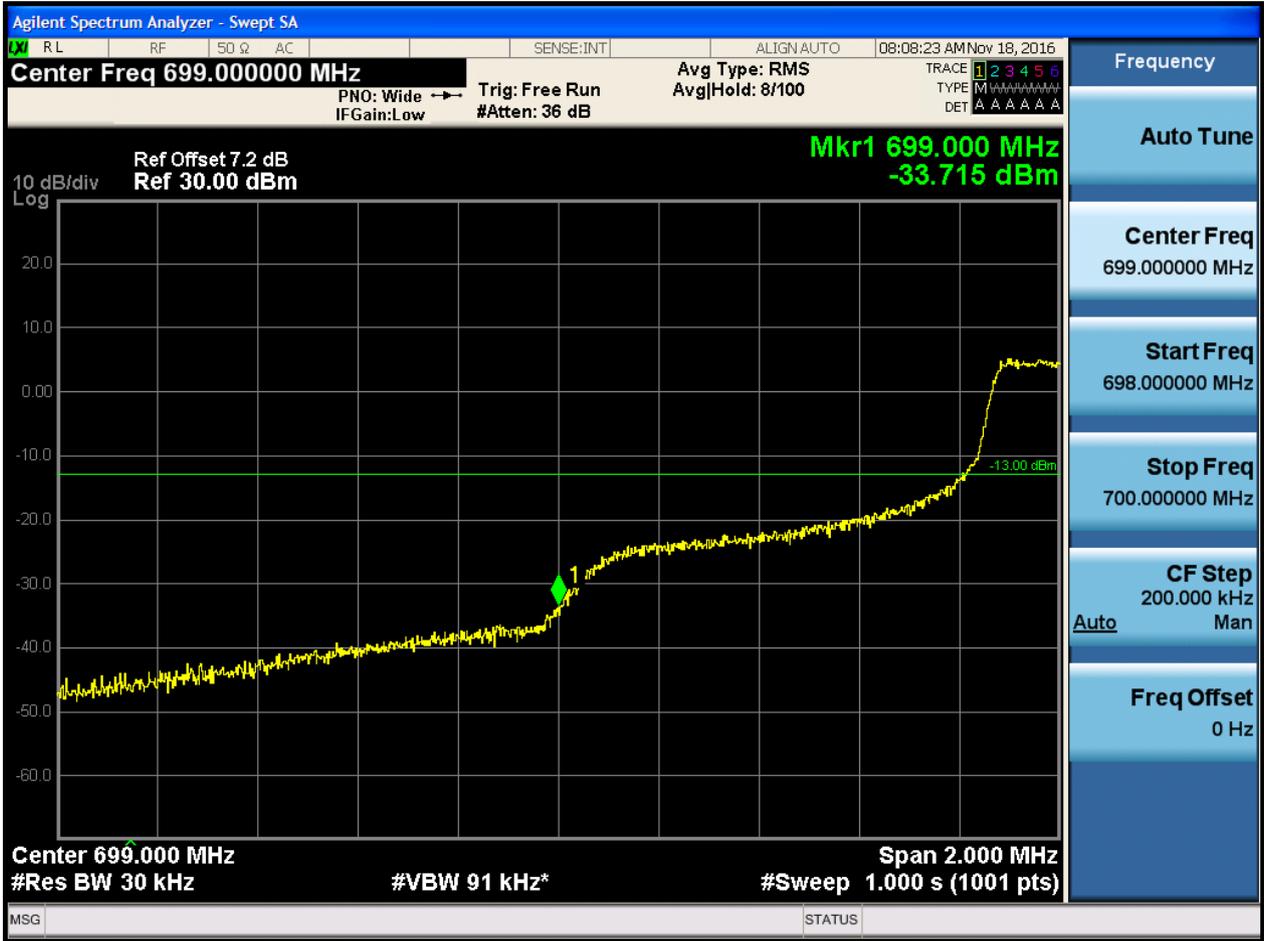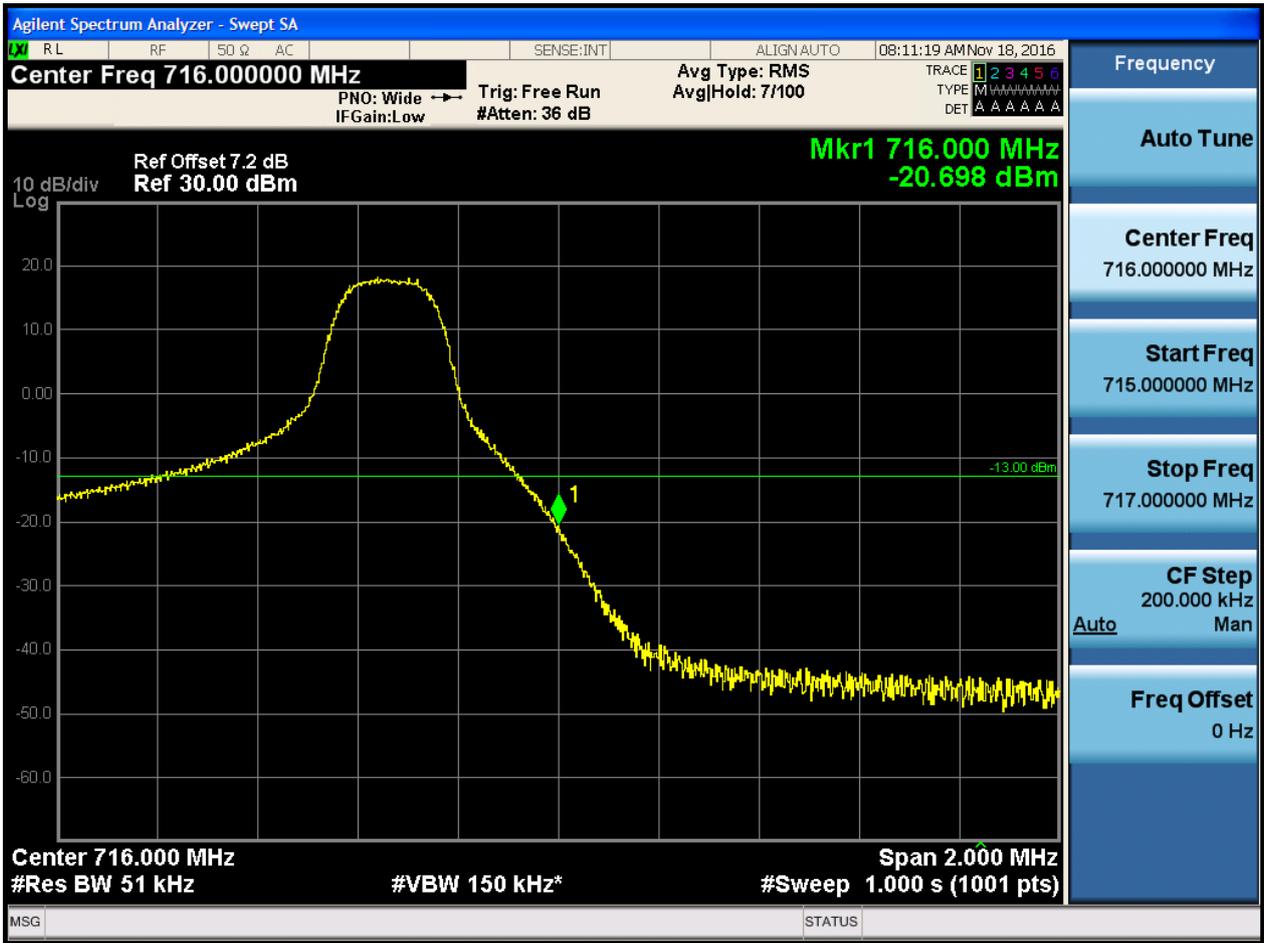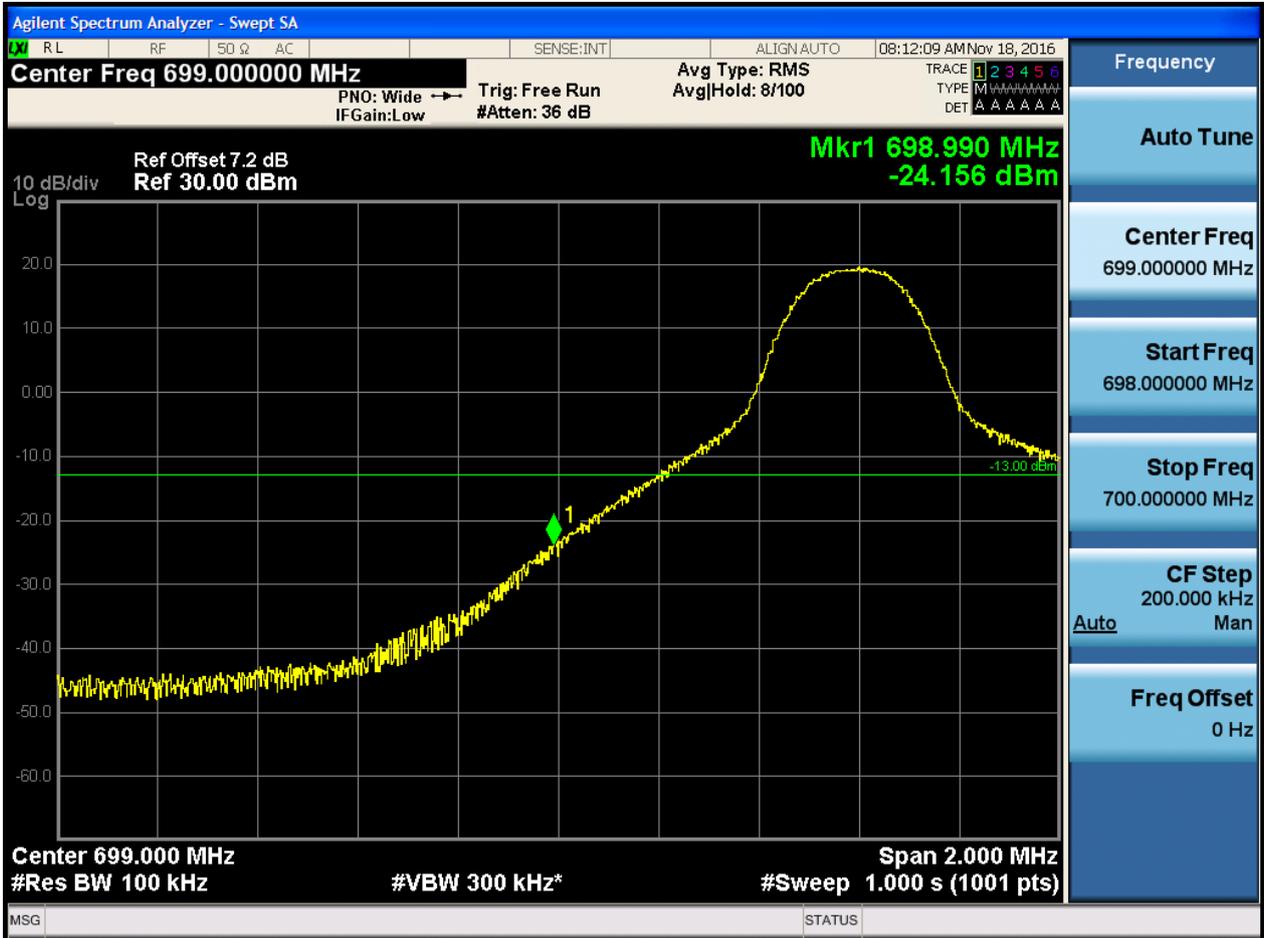
5.1.1.2.2.1.4 Test RB = RB15#0
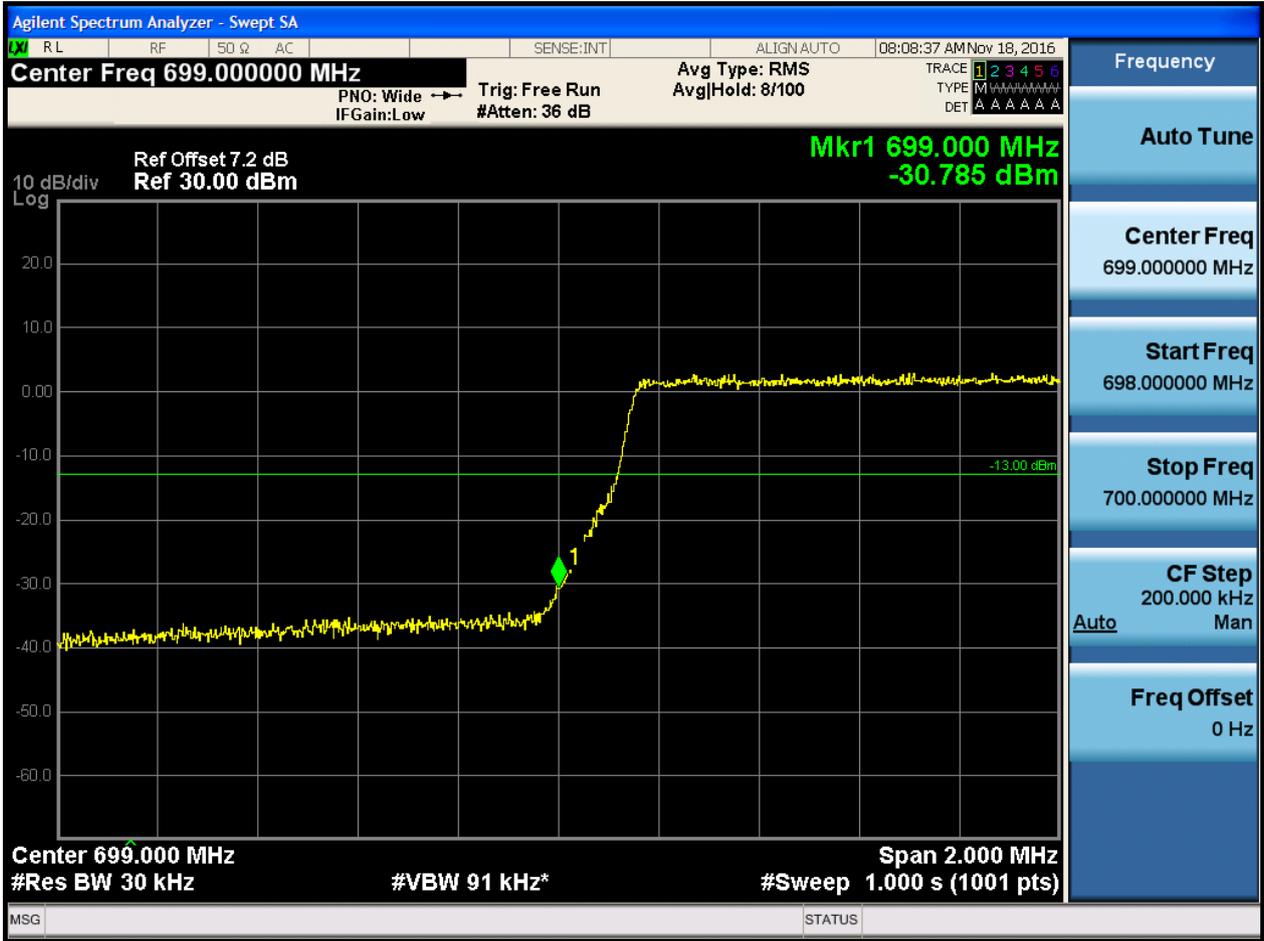
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0
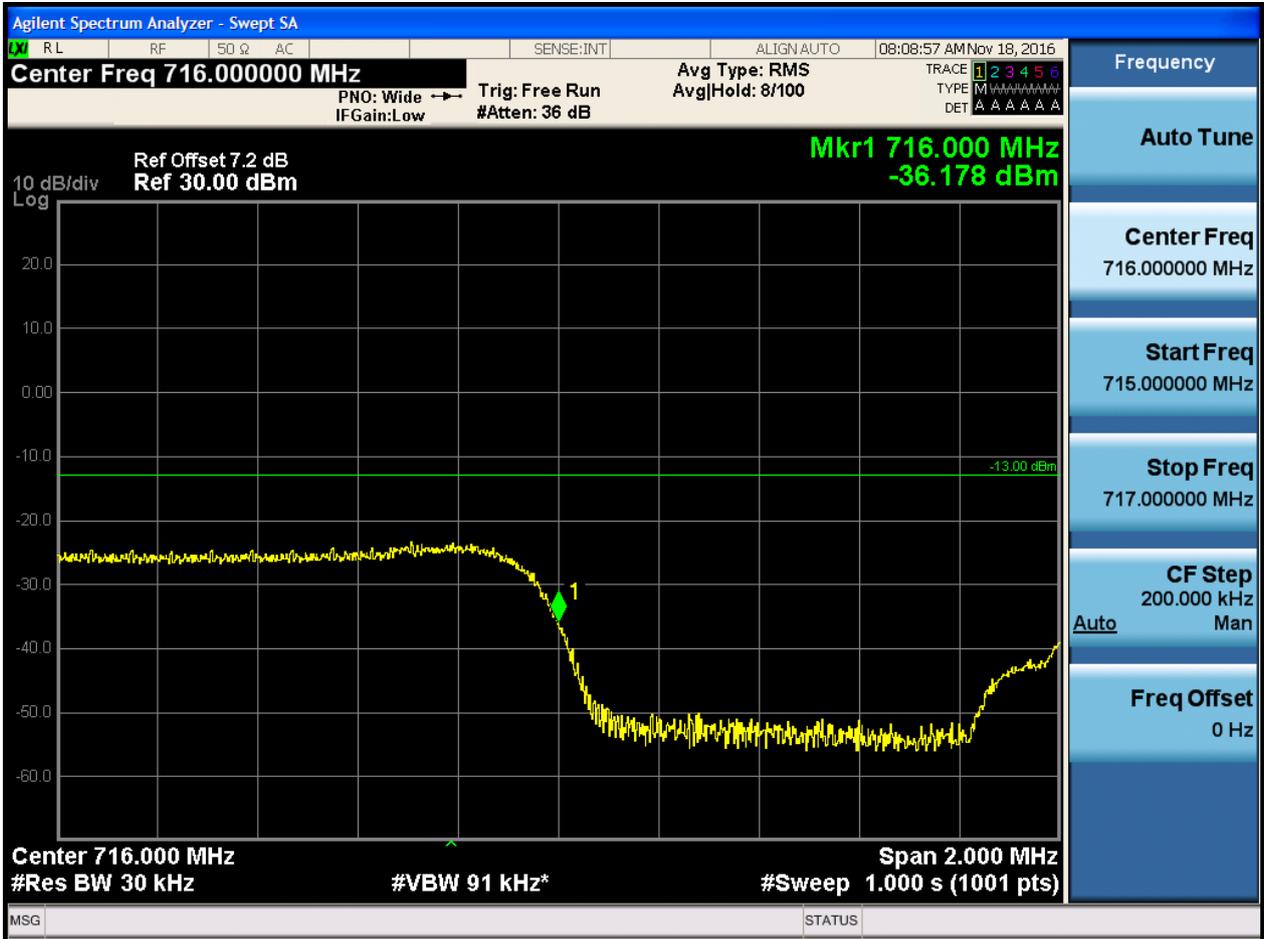
5.1.1.2.2.2.2 Test RB = RB1#14
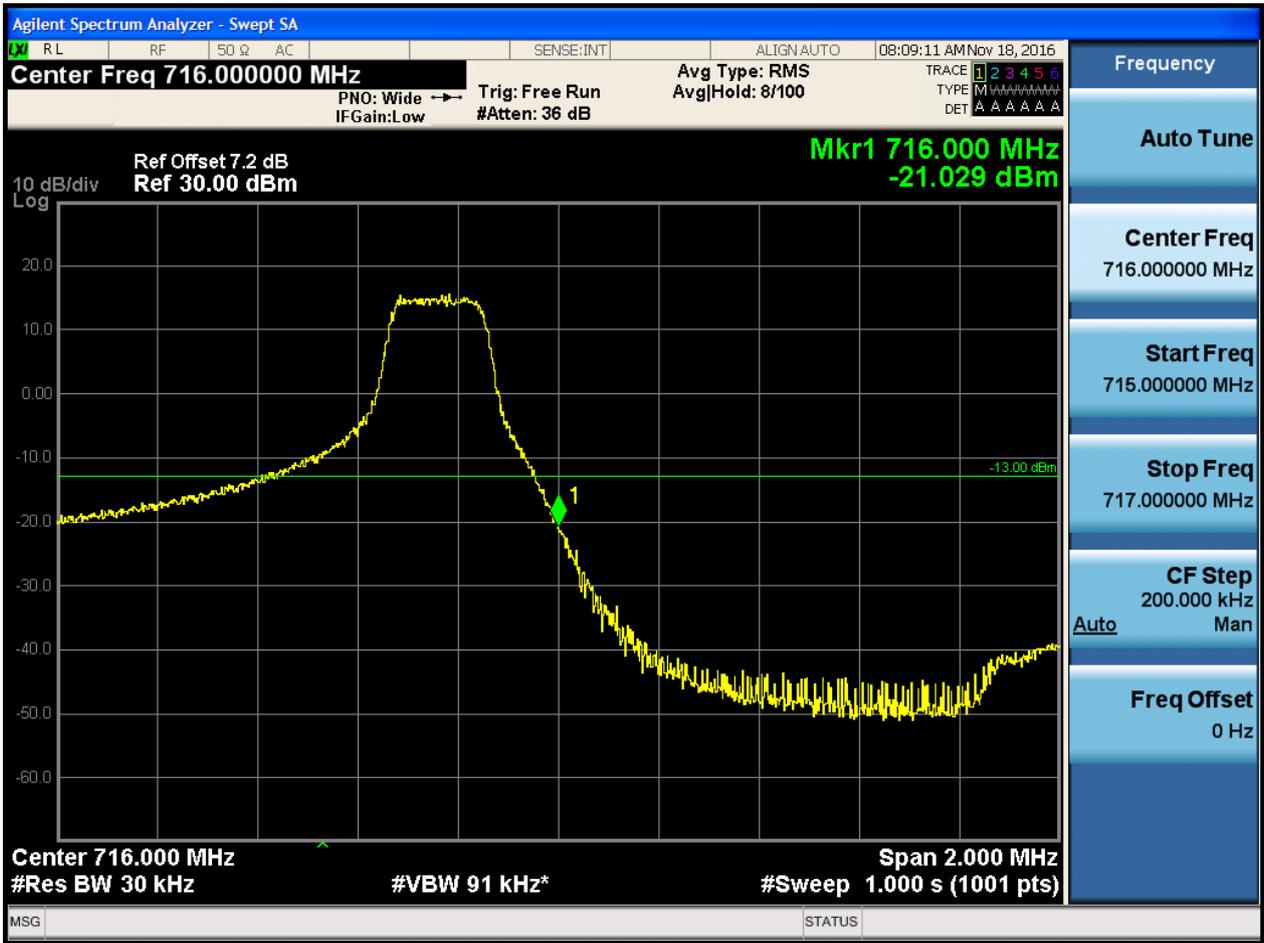
5.1.1.2.2.2.3 Test RB = RB8#4

5.1.1.2.2.2.4 Test RB = RB15#0
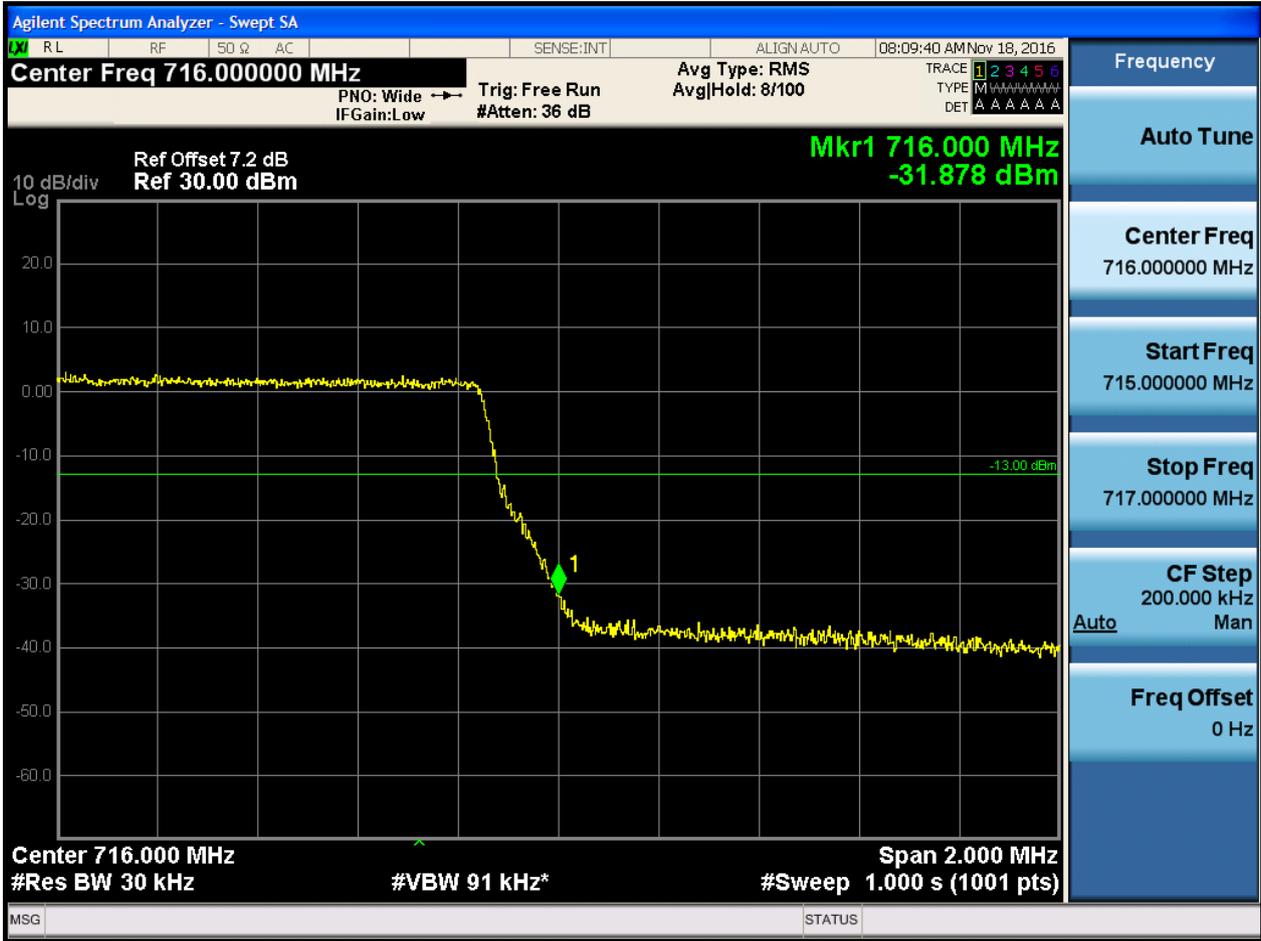
## 5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH
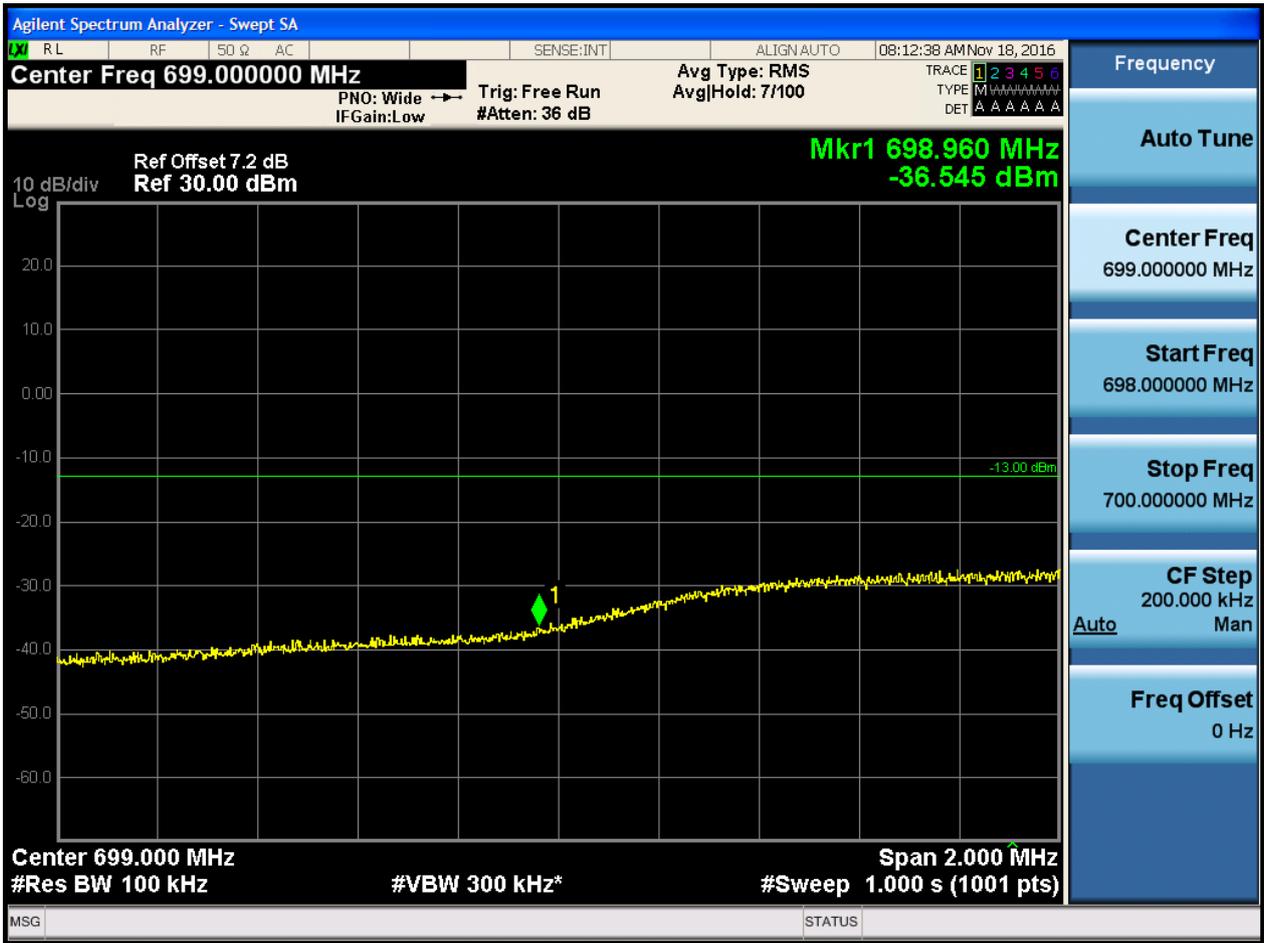
5.1.1.2.3.1.1 Test RB = RB1#0

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

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5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0
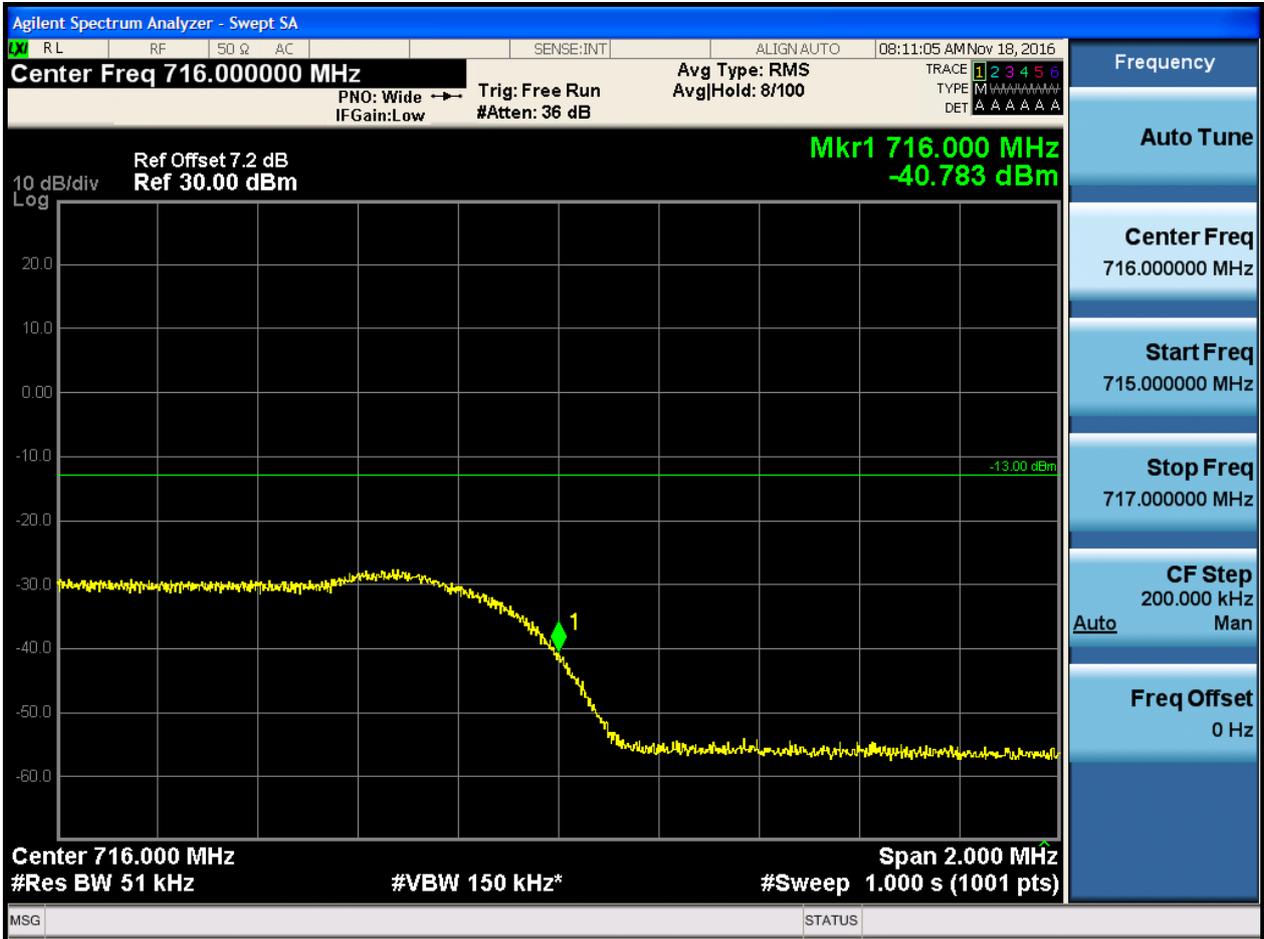
5.1.1.2.3.2.2 Test RB = RB1#24

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
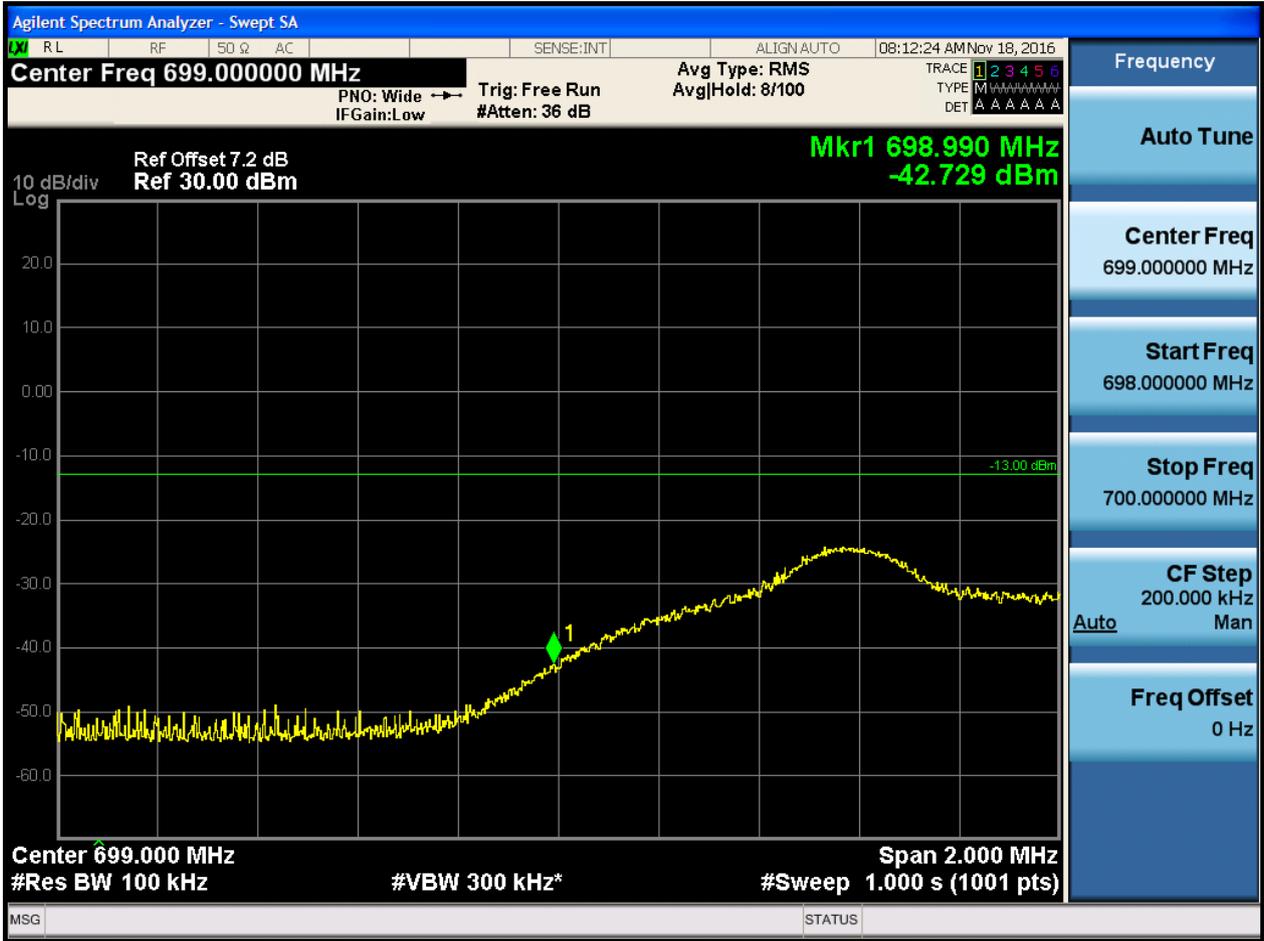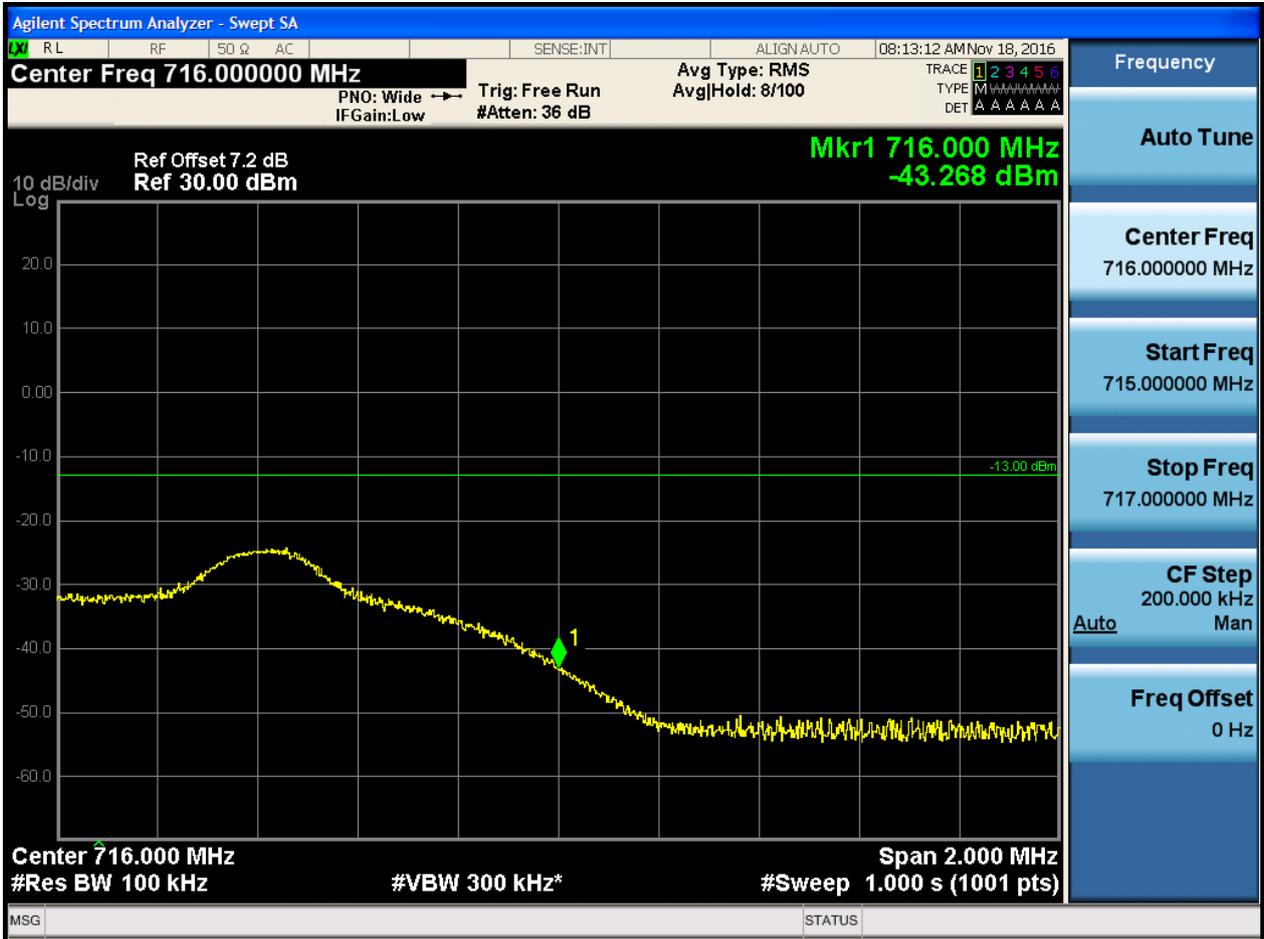
5.1.1.2.4.1.3 Test RB = RB25#13
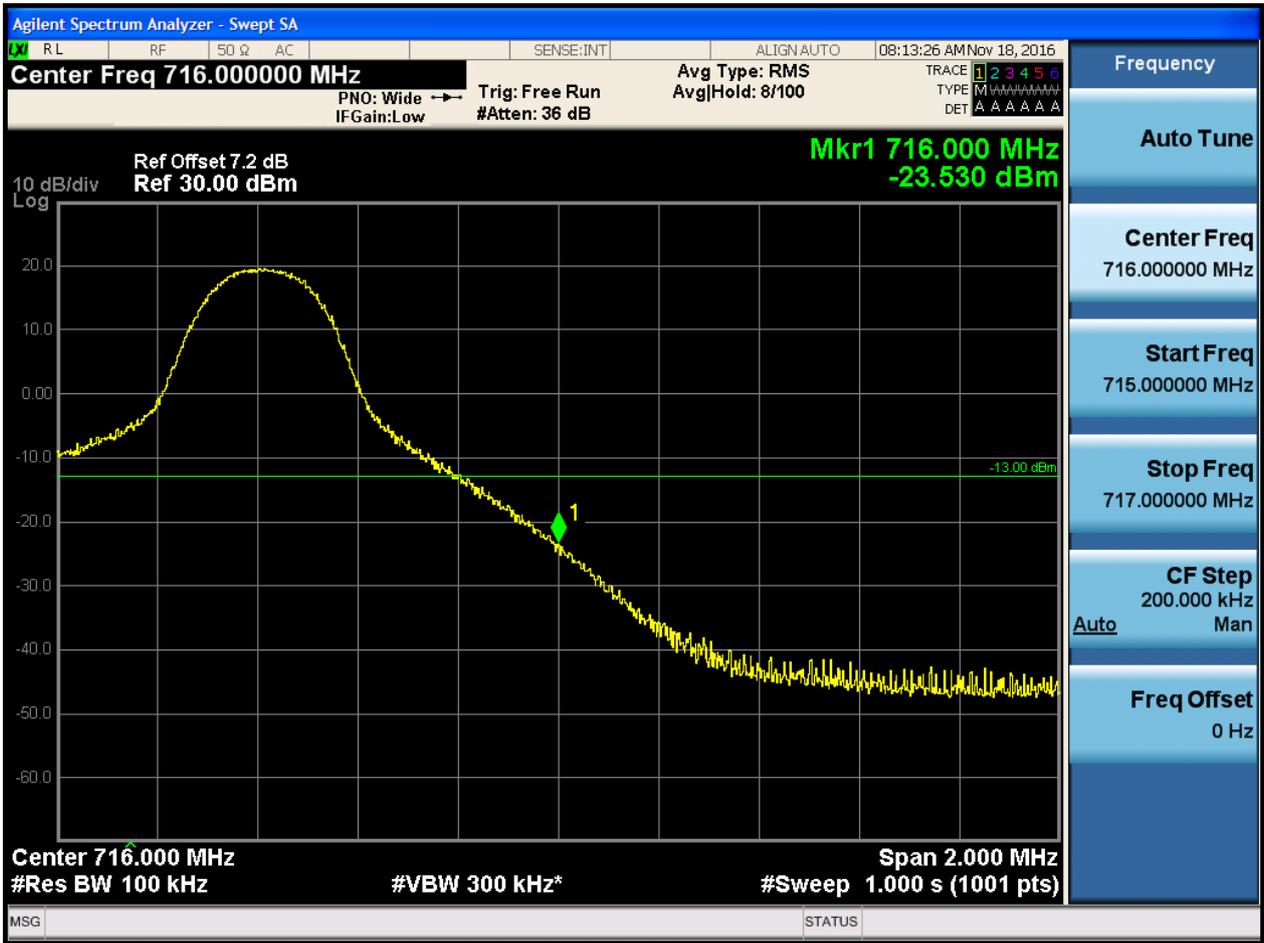
5.1.1.2.4.1.4 Test RB = RB50#0

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