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	5	LCH	RB1#0	22.37	18.62	34.7	PASS
				RB1#13	23.26	19.51	34.7	PASS
				RB1#24	22.86	19.11	34.7	PASS
				RB12#0	21.87	18.12	34.7	PASS
				RB12#6	22.22	18.47	34.7	PASS
				RB12#13	22.15	18.4	34.7	PASS
				RB25#0	21.93	18.18	34.7	PASS
			MCH	RB1#0	22.83	19.08	34.7	PASS
				RB1#13	23.48	19.73	34.7	PASS
				RB1#24	22.65	18.9	34.7	PASS
				RB12#0	22.27	18.52	34.7	PASS
				RB12#6	22.49	18.76	34.7	PASS
				RB12#13	22.15	18.4	34.7	PASS
				RB25#0	22.26	18.51	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.46	18.71	34.7	PASS
				RB1#13	23.09	19.34	34.7	PASS
				RB1#24	22.81	19.06	34.7	PASS
				RB12#0	22.19	18.44	34.7	PASS
				RB12#6	22.34	18.59	34.7	PASS
				RB12#13	22.19	18.44	34.7	PASS
				RB25#0	22.11	18.36	34.7	PASS
		10	LCH	RB1#0	23.08	19.33	34.7	PASS
				RB1#25	23.8	20.05	34.7	PASS
				RB1#49	23.31	19.56	34.7	PASS
				RB25#0	22.18	18.43	34.7	PASS
				RB25#13	22.46	18.76	34.7	PASS
				RB25#25	22.31	18.56	34.7	PASS
				RB50#0	22.23	18.48	34.7	PASS
			MCH	RB1#0	23.45	19.7	34.7	PASS
				RB1#25	23.47	19.92	34.7	PASS
				RB1#49	23.06	19.31	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.31	18.56	34.7	PASS
				RB25#13	22.44	18.69	34.7	PASS
				RB25#25	22.14	18.39	34.7	PASS
				RB50#0	22.16	18.41	34.7	PASS
			HCH	RB1#0	23.38	19.63	34.7	PASS
				RB1#25	23.27	19.52	34.7	PASS
				RB1#49	23.14	19.39	34.7	PASS
				RB25#0	22.18	18.43	34.7	PASS
				RB25#13	22.14	18.39	34.7	PASS
				RB25#25	21.93	18.18	34.7	PASS
				RB50#0	21.98	18.23	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	21.62	17.87	34.7	PASS
				RB1#13	22.5	18.85	34.7	PASS
				RB1#24	22.24	18.49	34.7	PASS
				RB12#0	20.83	17.08	34.7	PASS
				RB12#6	21.21	17.46	34.7	PASS
				RB12#13	21.18	17.43	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.95	17.2	34.7	PASS
			MCH	RB1#0	22.01	18.26	34.7	PASS
				RB1#13	22.49	18.84	34.7	PASS
				RB1#24	21.75	18	34.7	PASS
				RB12#0	21.16	17.41	34.7	PASS
				RB12#6	21.39	17.64	34.7	PASS
				RB12#13	21.03	17.28	34.7	PASS
				RB25#0	21.1	17.35	34.7	PASS
			HCH	RB1#0	21.53	17.78	34.7	PASS
				RB1#13	22.28	18.53	34.7	PASS
				RB1#24	21.69	17.94	34.7	PASS
				RB12#0	20.85	17.1	34.7	PASS
				RB12#6	20.99	17.24	34.7	PASS
				RB12#13	20.88	17.13	34.7	PASS
				RB25#0	20.79	17.04	34.7	PASS
		10	LCH	RB1#0	22.09	18.34	34.7	PASS
				RB1#25	22.36	19.21	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.44	18.69	34.7	PASS
				RB25#0	21.17	17.42	34.7	PASS
				RB25#13	21.49	17.74	34.7	PASS
				RB25#25	21.27	17.52	34.7	PASS
				RB50#0	21.21	17.46	34.7	PASS
			MCH	RB1#0	22.72	18.97	34.7	PASS
				RB1#25	22.49	19.14	34.7	PASS
				RB1#49	22.33	18.58	34.7	PASS
				RB25#0	21.3	17.55	34.7	PASS
				RB25#13	21.39	17.64	34.7	PASS
				RB25#25	21.1	17.35	34.7	PASS
				RB50#0	21.15	17.4	34.7	PASS
			HCH	RB1#0	22.36	18.85	34.7	PASS
				RB1#25	22.42	18.67	34.7	PASS
				RB1#49	22.41	18.66	34.7	PASS
				RB25#0	21.15	17.4	34.7	PASS
				RB25#13	21.11	17.36	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.93	17.18	34.7	PASS
				RB50#0	20.99	17.24	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	RB1#0	22.94	19.19	34.7	PASS
				RB1#13	23.46	19.71	34.7	PASS
				RB1#24	22.74	18.99	34.7	PASS
				RB12#0	22.32	18.57	34.7	PASS
				RB12#6	22.48	18.73	34.7	PASS
				RB12#13	22.28	18.53	34.7	PASS
				RB25#0	22.23	18.48	34.7	PASS
			MCH	RB1#0	22.96	19.21	34.7	PASS
				RB1#13	23.2	19.45	34.7	PASS
				RB1#24	22.7	18.95	34.7	PASS
				RB12#0	22.13	18.38	34.7	PASS
				RB12#6	22.24	18.49	34.7	PASS
				RB12#13	22	18.25	34.7	PASS
				RB25#0	22	18.25	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.46	18.71	34.7	PASS
				RB1#13	23.12	19.37	34.7	PASS
				RB1#24	22.58	18.83	34.7	PASS
				RB12#0	22	18.25	34.7	PASS
				RB12#6	22.14	18.39	34.7	PASS
				RB12#13	22.02	18.27	34.7	PASS
				RB25#0	21.93	18.18	34.7	PASS
		10	LCH	RB1#0	23.31	19.56	34.7	PASS
				RB1#25	23.27	19.52	34.7	PASS
				RB1#49	22.83	19.08	34.7	PASS
				RB25#0	21.95	18.2	34.7	PASS
				RB25#13	22	18.25	34.7	PASS
				RB25#25	21.78	18.03	34.7	PASS
				RB50#0	21.8	18.05	34.7	PASS
			MCH	RB1#0	23.21	19.46	34.7	PASS
				RB1#25	23.14	19.39	34.7	PASS
				RB1#49	22.96	19.21	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.14	18.39	34.7	PASS
				RB25#13	21.87	18.12	34.7	PASS
				RB25#25	21.65	17.9	34.7	PASS
				RB50#0	21.88	18.13	34.7	PASS
				RB1#0	23.45	19.7	34.7	PASS
				RB1#25	23.26	19.51	34.7	PASS
				RB1#49	23.12	19.37	34.7	PASS
			HCH	RB25#0	22.06	18.31	34.7	PASS
				RB25#13	22.13	18.38	34.7	PASS
				RB25#25	21.95	18.2	34.7	PASS
				RB50#0	21.99	18.24	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	22.12	18.37	34.7	PASS
				RB1#13	22.33	18.58	34.7	PASS
				RB1#24	21.92	18.17	34.7	PASS
				RB12#0	21.25	17.5	34.7	PASS
				RB12#6	21.47	17.72	34.7	PASS
				RB12#13	21.17	17.42	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.19	17.44	34.7	PASS
			MCH	RB1#0	22.2	18.45	34.7	PASS
				RB1#13	22.42	18.67	34.7	PASS
				RB1#24	21.97	18.22	34.7	PASS
				RB12#0	21.07	17.32	34.7	PASS
				RB12#6	21.17	17.42	34.7	PASS
				RB12#13	20.98	17.23	34.7	PASS
				RB25#0	20.98	17.23	34.7	PASS
			HCH	RB1#0	21.83	18.08	34.7	PASS
				RB1#13	22.49	18.74	34.7	PASS
				RB1#24	21.93	18.18	34.7	PASS
				RB12#0	21.03	17.28	34.7	PASS
				RB12#6	21.16	17.41	34.7	PASS
				RB12#13	21.07	17.32	34.7	PASS
				RB25#0	20.99	17.24	34.7	PASS
		10	LCH	RB1#0	22.49	18.74	34.7	PASS
				RB1#25	22.31	18.56	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.24	18.49	34.7	PASS
				RB25#0	21.01	17.26	34.7	PASS
				RB25#13	21.05	17.3	34.7	PASS
				RB25#25	20.85	17.1	34.7	PASS
				RB50#0	20.82	17.07	34.7	PASS
			MCH	RB1#0	22.3	18.55	34.7	PASS
				RB1#25	22.5	18.75	34.7	PASS
				RB1#49	22.41	18.66	34.7	PASS
				RB25#0	20.97	17.22	34.7	PASS
				RB25#13	20.93	17.18	34.7	PASS
				RB25#25	20.74	16.99	34.7	PASS
				RB50#0	20.89	17.14	34.7	PASS
			HCH	RB1#0	22.43	18.68	34.7	PASS
				RB1#25	22.47	18.72	34.7	PASS
				RB1#49	22.37	18.62	34.7	PASS
				RB25#0	20.91	17.16	34.7	PASS
				RB25#13	20.99	17.24	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.83	17.08	34.7	PASS
				RB50#0	20.83	17.08	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: RBW > emission bandwidth, VBW > 3 x RBW.

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	5	LCH	RB1#0	4	13	PASS
				RB1#13	3.27	13	PASS
				RB1#24	3.64	13	PASS
				RB12#0	4.75	13	PASS
				RB12#6	4.45	13	PASS
				RB12#13	4.81	13	PASS
				RB25#0	5.32	13	PASS
			MCH	RB1#0	3.88	13	PASS
				RB1#13	3.21	13	PASS
				RB1#24	3.88	13	PASS
				RB12#0	4.8	13	PASS
				RB12#6	4.43	13	PASS
				RB12#13	4.94	13	PASS
				RB25#0	5.3	13	PASS
			HCH	RB1#0	4.27	13	PASS
				RB1#13	3.64	13	PASS
				RB1#24	4.07	13	PASS
				RB12#0	5.09	13	PASS
				RB12#6	4.87	13	PASS
				RB12#13	5.09	13	PASS
				RB25#0	5.51	13	PASS
		10	LCH	RB1#0	3.47	13	PASS
				RB1#25	3.08	13	PASS
				RB1#49	3.46	13	PASS
				RB25#0	4.92	13	PASS
				RB25#13	4.59	13	PASS
				RB25#25	4.93	13	PASS
				RB50#0	5.36	13	PASS
			MCH	RB1#0	3.41	13	PASS
				RB1#25	3.18	13	PASS
				RB1#49	3.74	13	PASS
				RB25#0	4.97	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	4.63	13	PASS
				RB25#25	5.11	13	PASS
				RB50#0	5.44	13	PASS
			HCH	RB1#0	3.28	13	PASS
				RB1#25	3.39	13	PASS
				RB1#49	3.6	13	PASS
				RB25#0	5.16	13	PASS
				RB25#13	5.04	13	PASS
				RB25#25	5.42	13	PASS
				RB50#0	5.57	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.58	13	PASS
				RB1#13	4.2	13	PASS
				RB1#24	4.48	13	PASS
				RB12#0	5.45	13	PASS
				RB12#6	5.02	13	PASS
				RB12#13	5.34	13	PASS
				RB25#0	5.92	13	PASS
			MCH	RB1#0	4.48	13	PASS
				RB1#13	4.07	13	PASS
				RB1#24	4.59	13	PASS
				RB12#0	5.3	13	PASS
				RB12#6	5.01	13	PASS
				RB12#13	5.51	13	PASS
				RB25#0	5.86	13	PASS
			HCH	RB1#0	4.87	13	PASS
				RB1#13	4.41	13	PASS
				RB1#24	4.87	13	PASS
				RB12#0	5.6	13	PASS
				RB12#6	5.32	13	PASS
				RB12#13	5.51	13	PASS
				RB25#0	5.99	13	PASS
		10	LCH	RB1#0	3.99	13	PASS
				RB1#25	3.82	13	PASS
				RB1#49	4.23	13	PASS
				RB25#0	5.36	13	PASS
				RB25#13	4.92	13	PASS
				RB25#25	5.29	13	PASS
				RB50#0	5.86	13	PASS
			MCH	RB1#0	4.01	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	3.78	13	PASS
				RB1#49	4.34	13	PASS
				RB25#0	5.35	13	PASS
				RB25#13	5	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	5.9	13	PASS
			HCH	RB1#0	3.94	13	PASS
				RB1#25	4.08	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	5.43	13	PASS
				RB25#13	5.35	13	PASS
				RB25#25	5.73	13	PASS
				RB50#0	6.19	13	PASS
Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND17	LTE/TM1	5	LCH	RB1#0	3.81	13	PASS
				RB1#13	3.15	13	PASS
				RB1#24	3.81	13	PASS
				RB12#0	4.76	13	PASS
				RB12#6	4.36	13	PASS
				RB12#13	4.86	13	PASS
				RB25#0	5.24	13	PASS
			MCH	RB1#0	3.9	13	PASS
				RB1#13	3.59	13	PASS
				RB1#24	3.99	13	PASS
				RB12#0	4.98	13	PASS
				RB12#6	4.75	13	PASS
				RB12#13	5.12	13	PASS
				RB25#0	5.4	13	PASS
			HCH	RB1#0	4.25	13	PASS
				RB1#13	3.63	13	PASS
				RB1#24	4.1	13	PASS
				RB12#0	5.14	13	PASS
				RB12#6	4.88	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.44	13	PASS
		10	LCH	RB1#0	3.16	13	PASS
				RB1#25	3.31	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	3.64	13	PASS
				RB25#0	5.21	13	PASS
				RB25#13	4.91	13	PASS
				RB25#25	5.38	13	PASS
				RB50#0	5.7	13	PASS
			MCH	RB1#0	3.21	13	PASS
				RB1#25	3.39	13	PASS
				RB1#49	3.53	13	PASS
				RB25#0	5.22	13	PASS
				RB25#13	5.13	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	5.71	13	PASS
			HCH	RB1#0	3.23	13	PASS
				RB1#25	3.4	13	PASS
				RB1#49	3.63	13	PASS
				RB25#0	5.29	13	PASS
				RB25#13	5.13	13	PASS
				RB25#25	5.49	13	PASS
				RB50#0	5.76	13	PASS
	LTE/TM2	5	LCH	RB1#0	4.67	13	PASS
				RB1#13	4.18	13	PASS
				RB1#24	4.82	13	PASS
				RB12#0	5.26	13	PASS
				RB12#6	4.87	13	PASS
				RB12#13	5.37	13	PASS
				RB25#0	6.01	13	PASS
			MCH	RB1#0	4.77	13	PASS
				RB1#13	4.63	13	PASS
				RB1#24	5.02	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.26	13	PASS
				RB12#13	5.65	13	PASS
				RB25#0	6.17	13	PASS
			HCH	RB1#0	5.05	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	5.04	13	PASS
				RB12#0	5.73	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.65	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.28	13	PASS
		10	LCH	RB1#0	4.09	13	PASS
				RB1#25	4.21	13	PASS
				RB1#49	4.52	13	PASS
				RB25#0	5.57	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.84	13	PASS
				RB50#0	6.18	13	PASS
			MCH	RB1#0	4.05	13	PASS
				RB1#25	4.27	13	PASS
				RB1#49	4.42	13	PASS
				RB25#0	5.66	13	PASS
				RB25#13	5.55	13	PASS
				RB25#25	5.91	13	PASS
				RB50#0	6.14	13	PASS
			HCH	RB1#0	4.09	13	PASS
				RB1#25	4.36	13	PASS
				RB1#49	4.54	13	PASS
				RB25#0	5.72	13	PASS
				RB25#13	5.55	13	PASS
				RB25#25	5.95	13	PASS
				RB50#0	6.24	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 = 5

3.1.1.1.1.1 Test Channel = MCH

3.1.1.1.1.1.1 Test RB = RB25#0
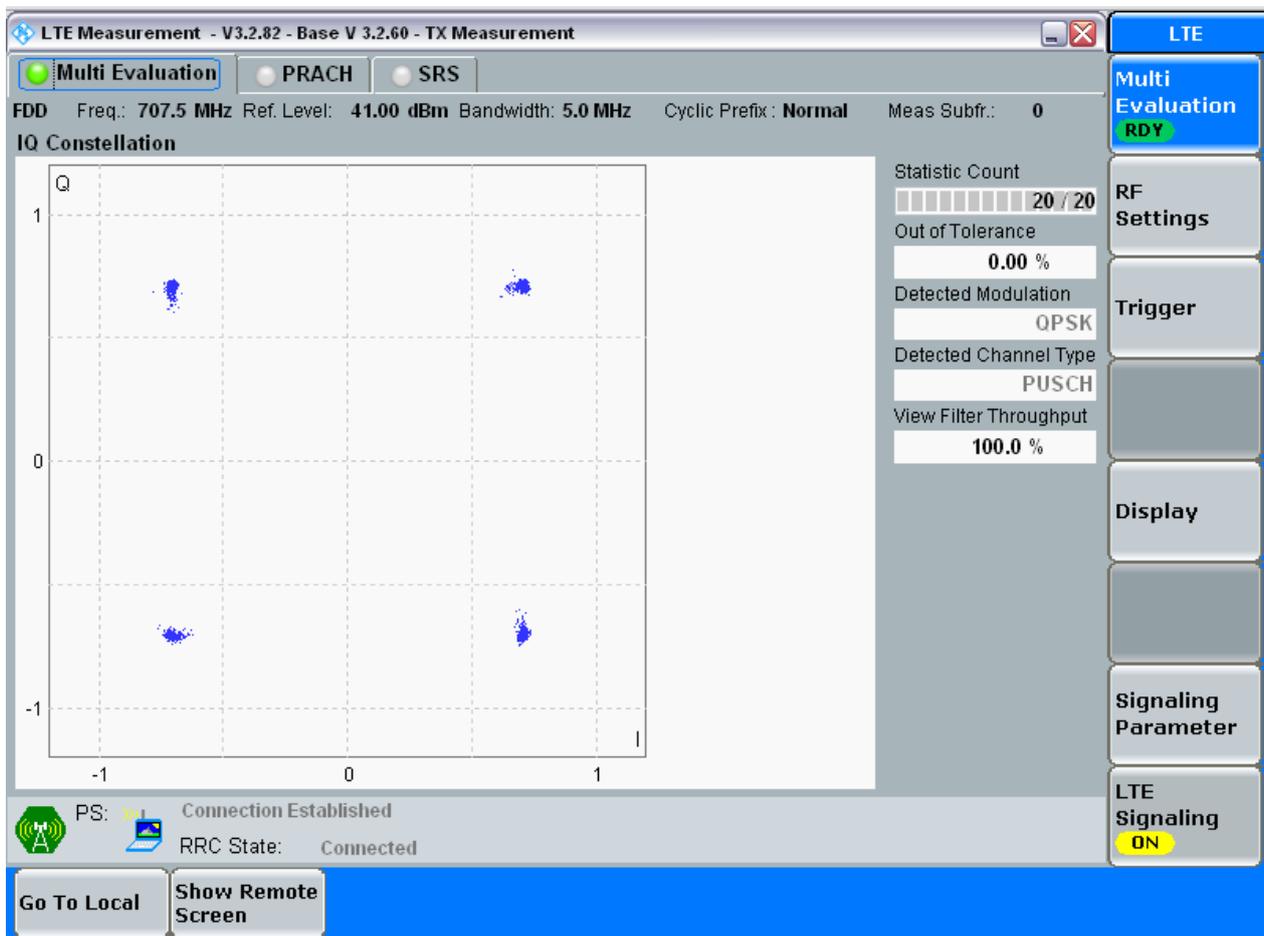
3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

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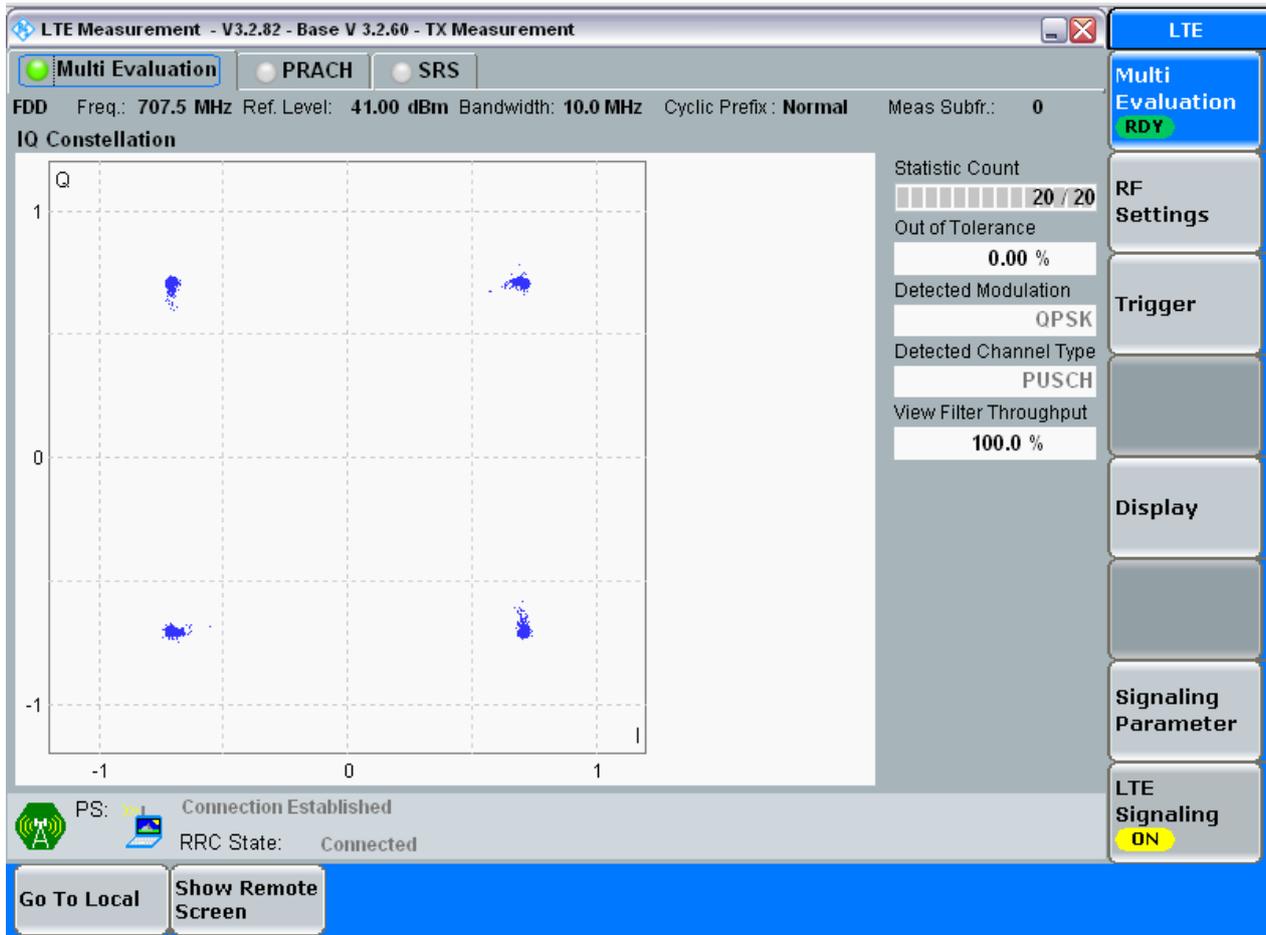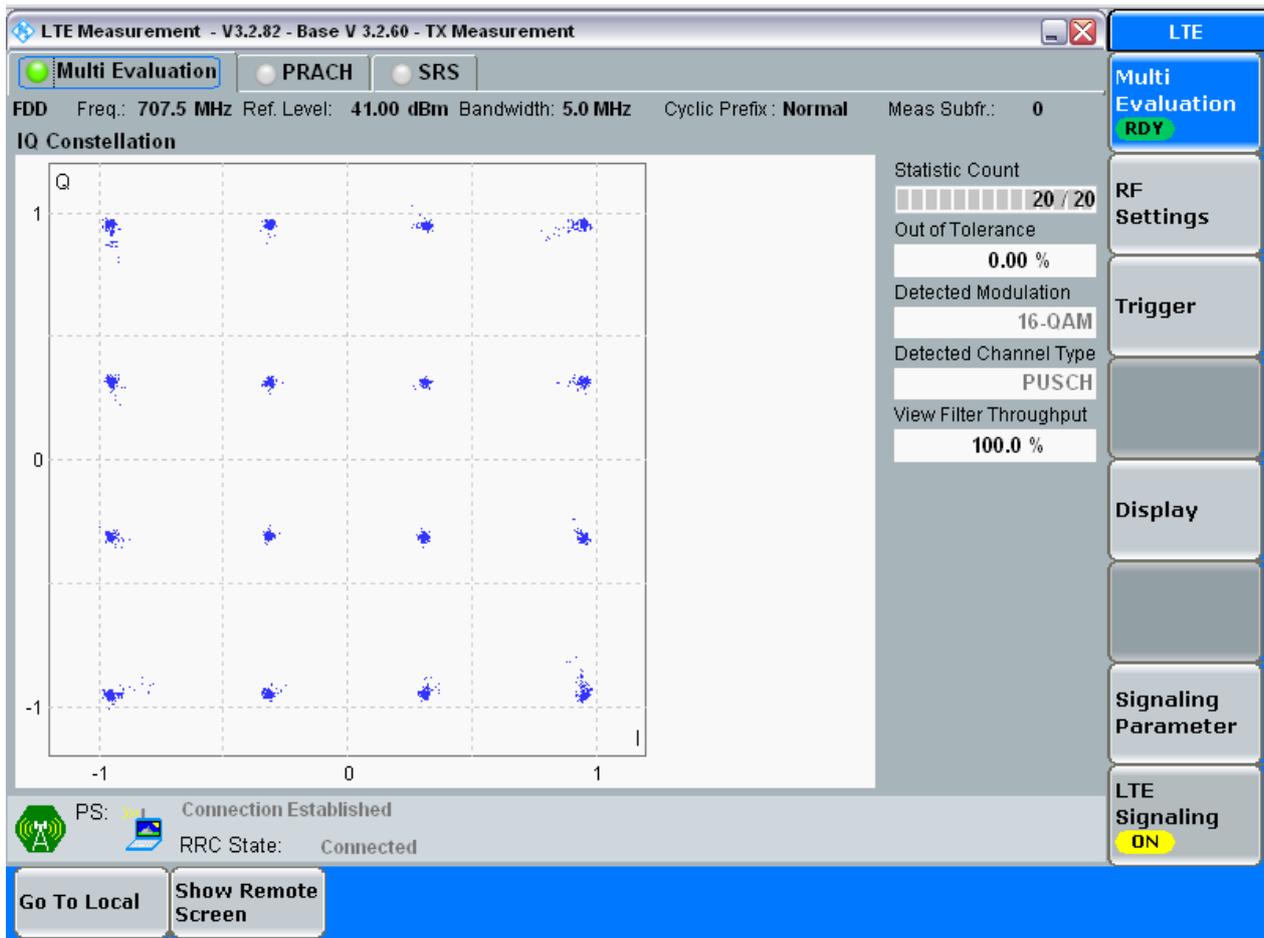
3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 Test RB = RB25#0

3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB50#0
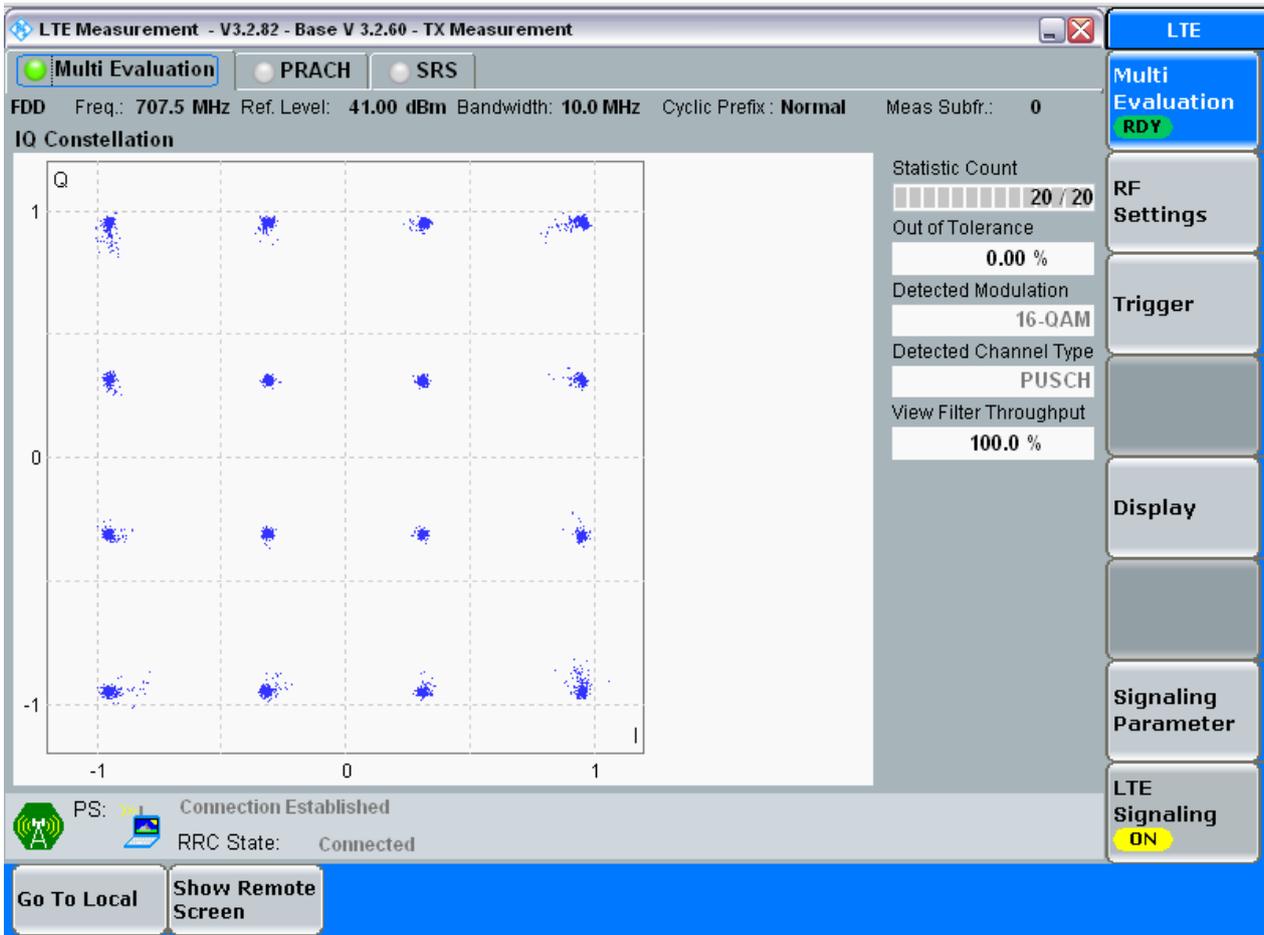
3.2 For LTE

3.2.1 Test Band = BAND17

3.2.1.1 Test Mode = LTE/TM1

3.2.1.1.1 Test Bandwidth = 5

3.2.1.1.1.1 Test Channel = MCH
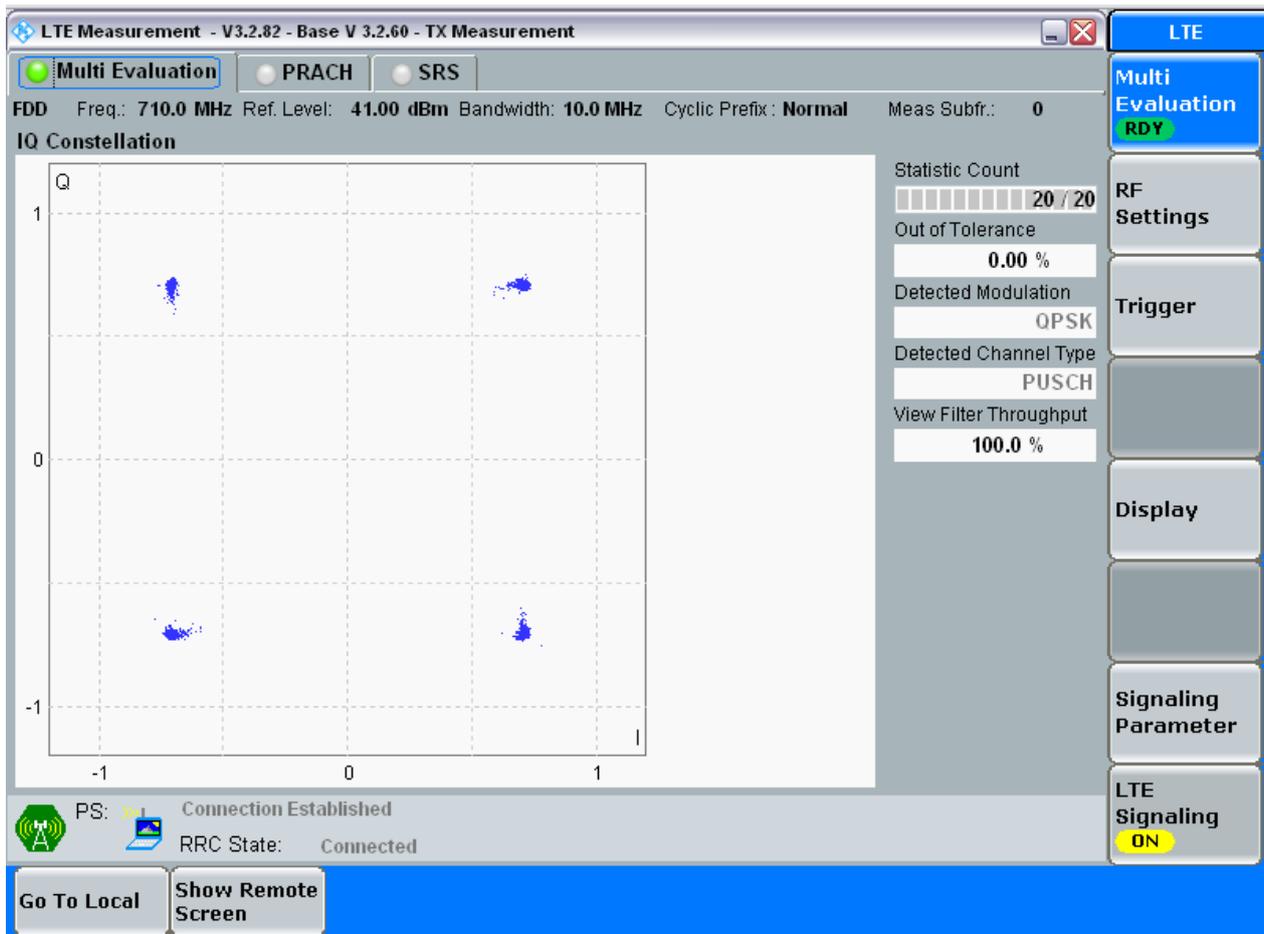
3.2.1.1.1.1.1 Test RB = RB25#0
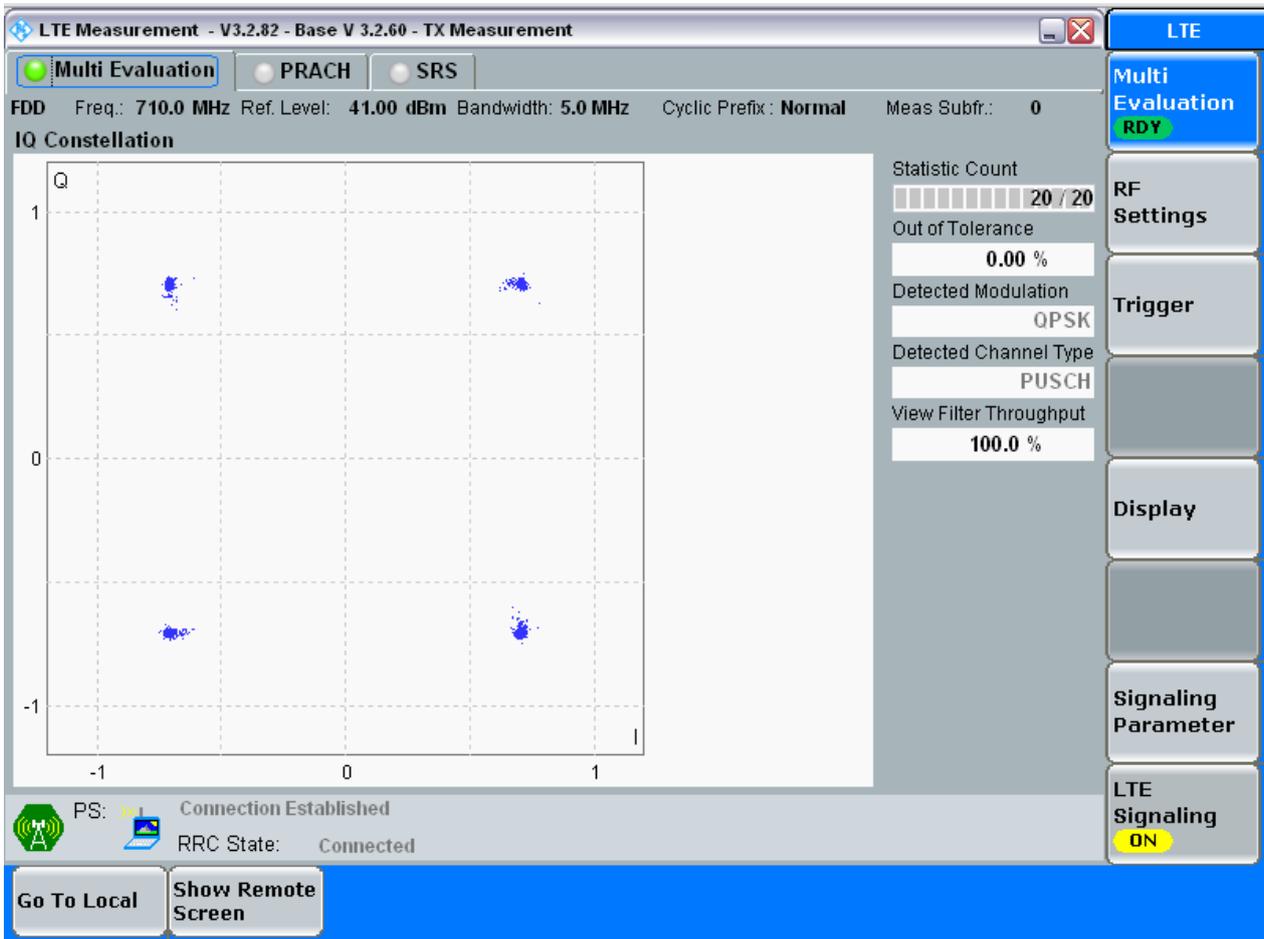
3.2.1.1.2 Test Bandwidth = 10

3.2.1.1.2.1 Test Channel = MCH

3.2.1.1.2.1.1 Test RB = RB50#0

3.2.1.2 Test Mode = LTE/TM2

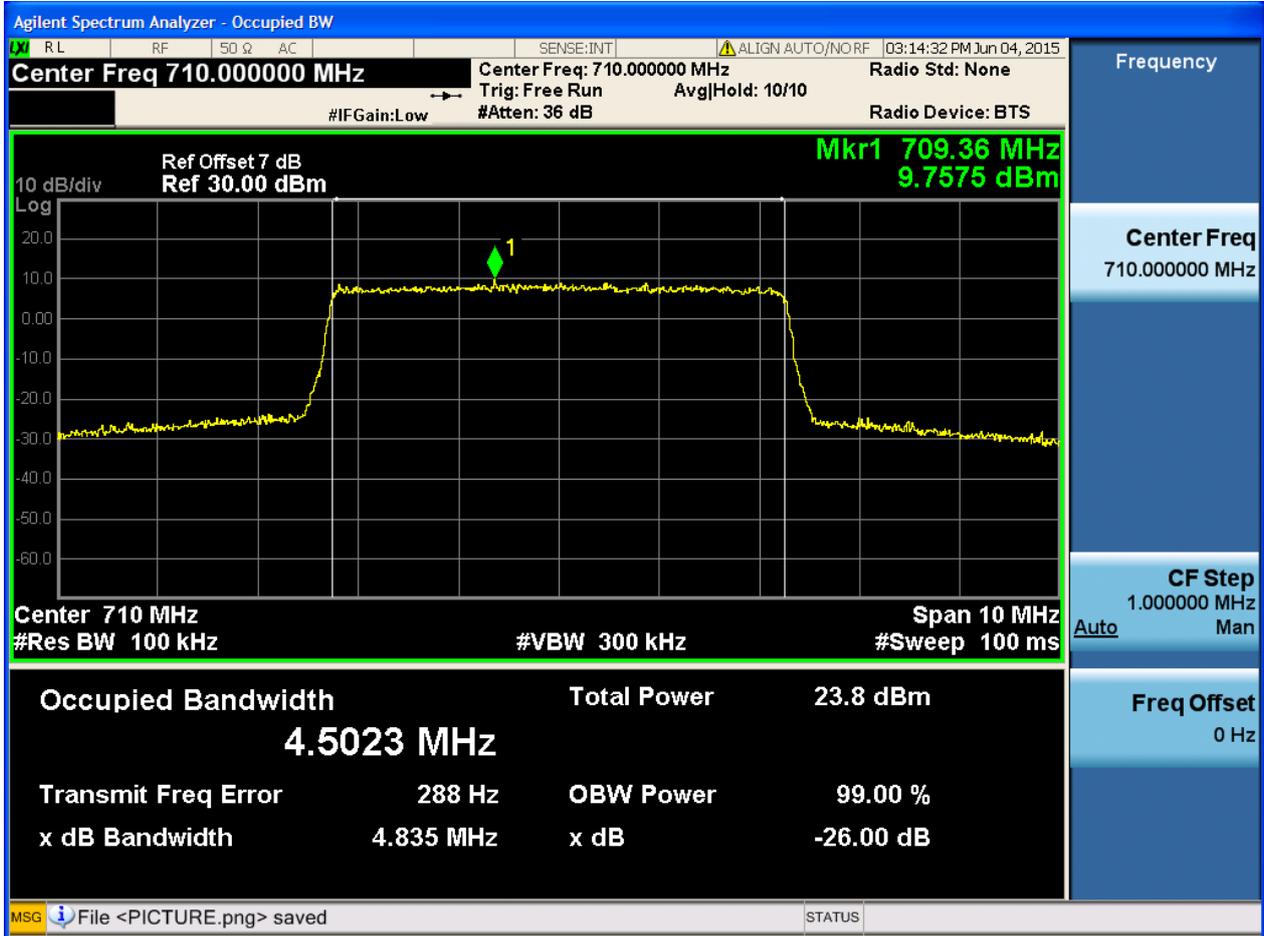### 3.2.1.2.1 Test Bandwidth = 5

3.2.1.2.1.1 Test Channel = MCH

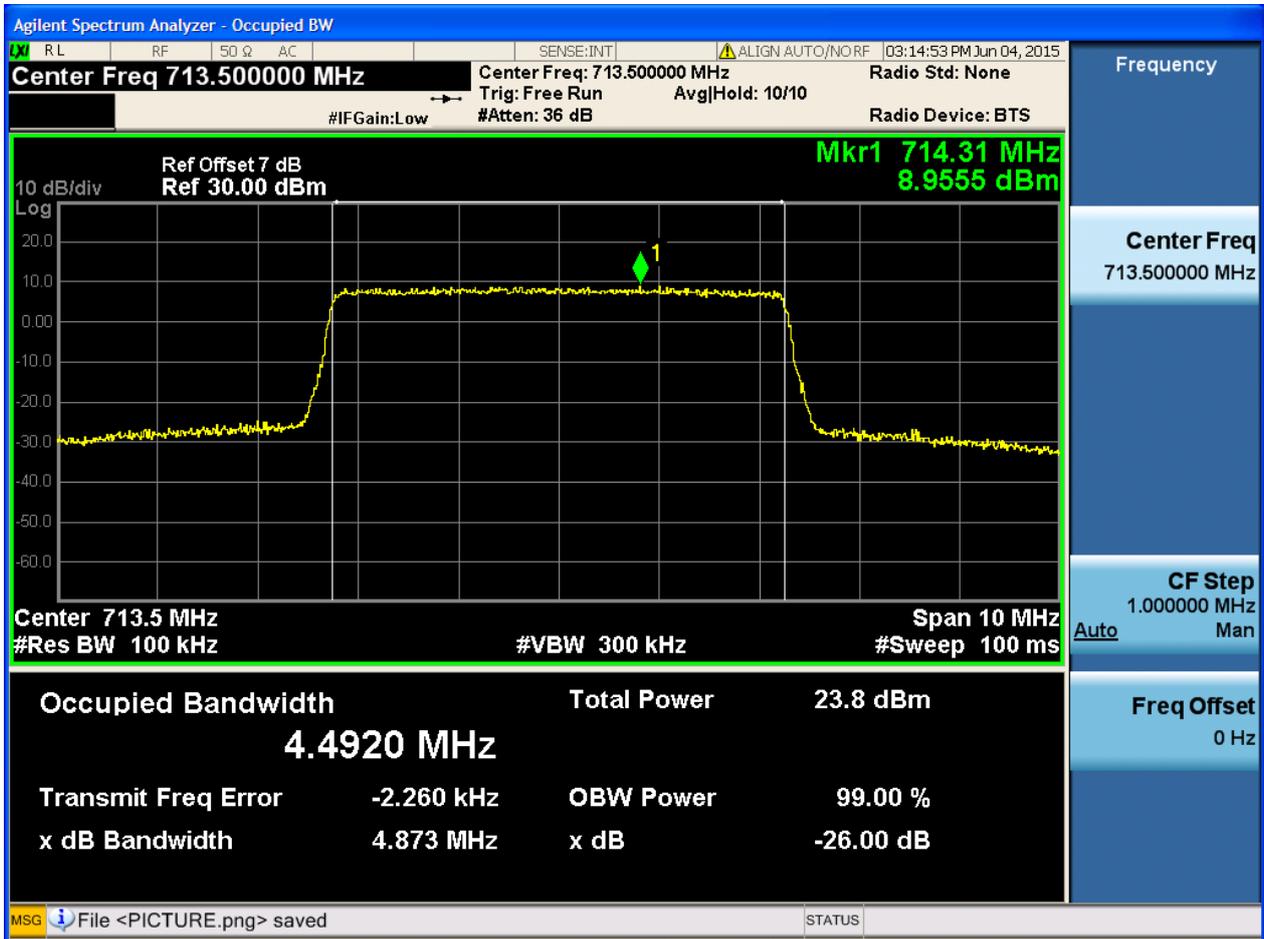### 3.2.1.2.1.1.1 Test RB = RB25#0
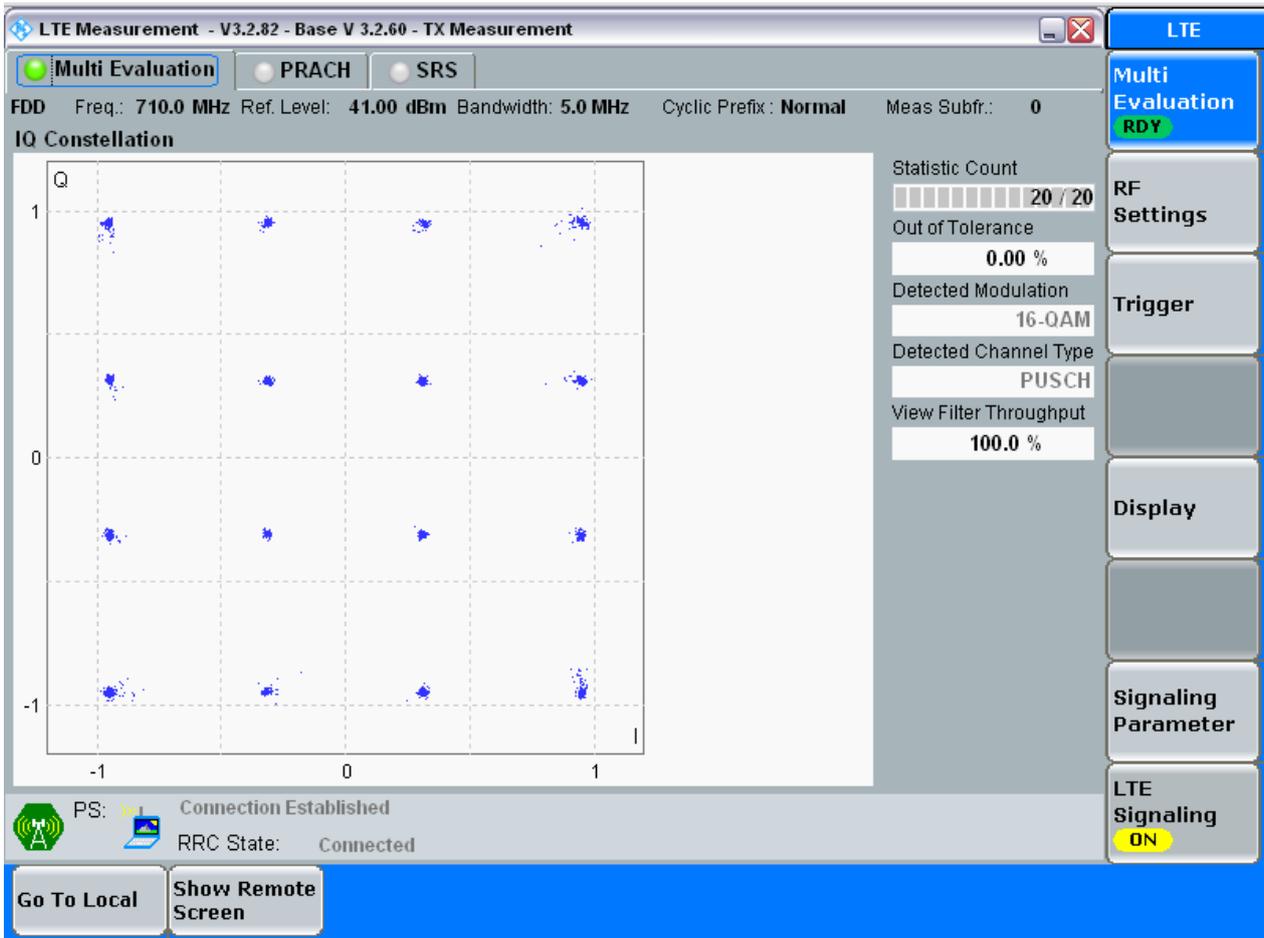
3.2.1.2.2 Test Bandwidth = 10

3.2.1.2.2.1 Test Channel = MCH

3.2.1.2.2.1.1 Test RB = RB50#0
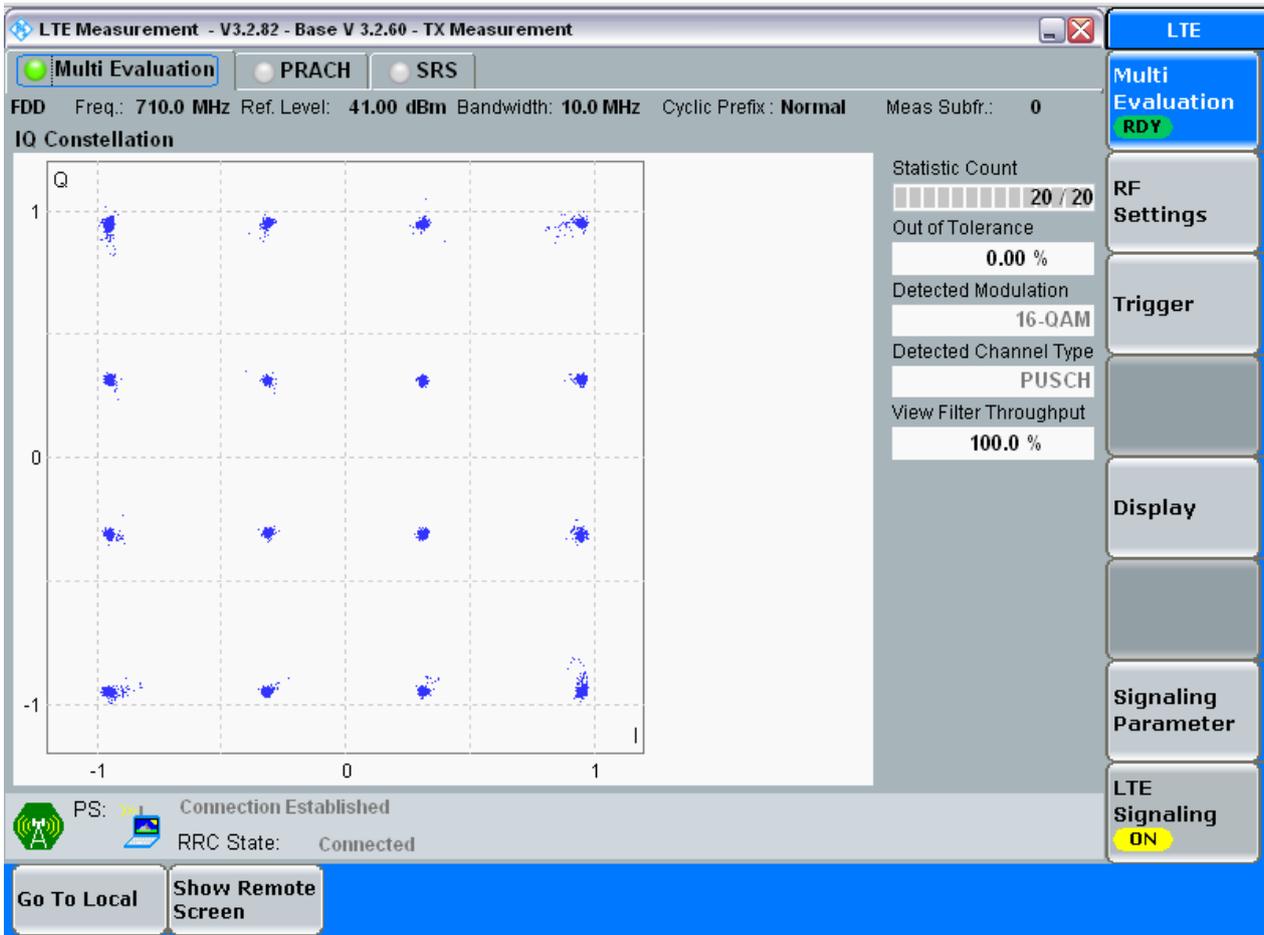
4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND12	LTE/TM1	5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.84	Pass
		10	LCH	RB50#0	9.00	9.68	Pass
			MCH	RB50#0	9.00	9.69	Pass
			HCH	RB50#0	9.00	9.70	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.51	4.84	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.00	9.65	Pass
			MCH	RB50#0	9.00	9.67	Pass
			HCH	RB50#0	9.01	9.63	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND17	LTE/TM1	5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.49	4.85	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	9.00	9.66	Pass
			MCH	RB50#0	9.01	9.67	Pass
			HCH	RB50#0	9.00	9.71	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.84	Pass
			HCH	RB25#0	4.49	4.87	Pass
		10	LCH	RB50#0	9.00	9.70	Pass
			MCH	RB50#0	9.00	9.70	Pass
			HCH	RB50#0	9.00	9.69	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 = 5

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0
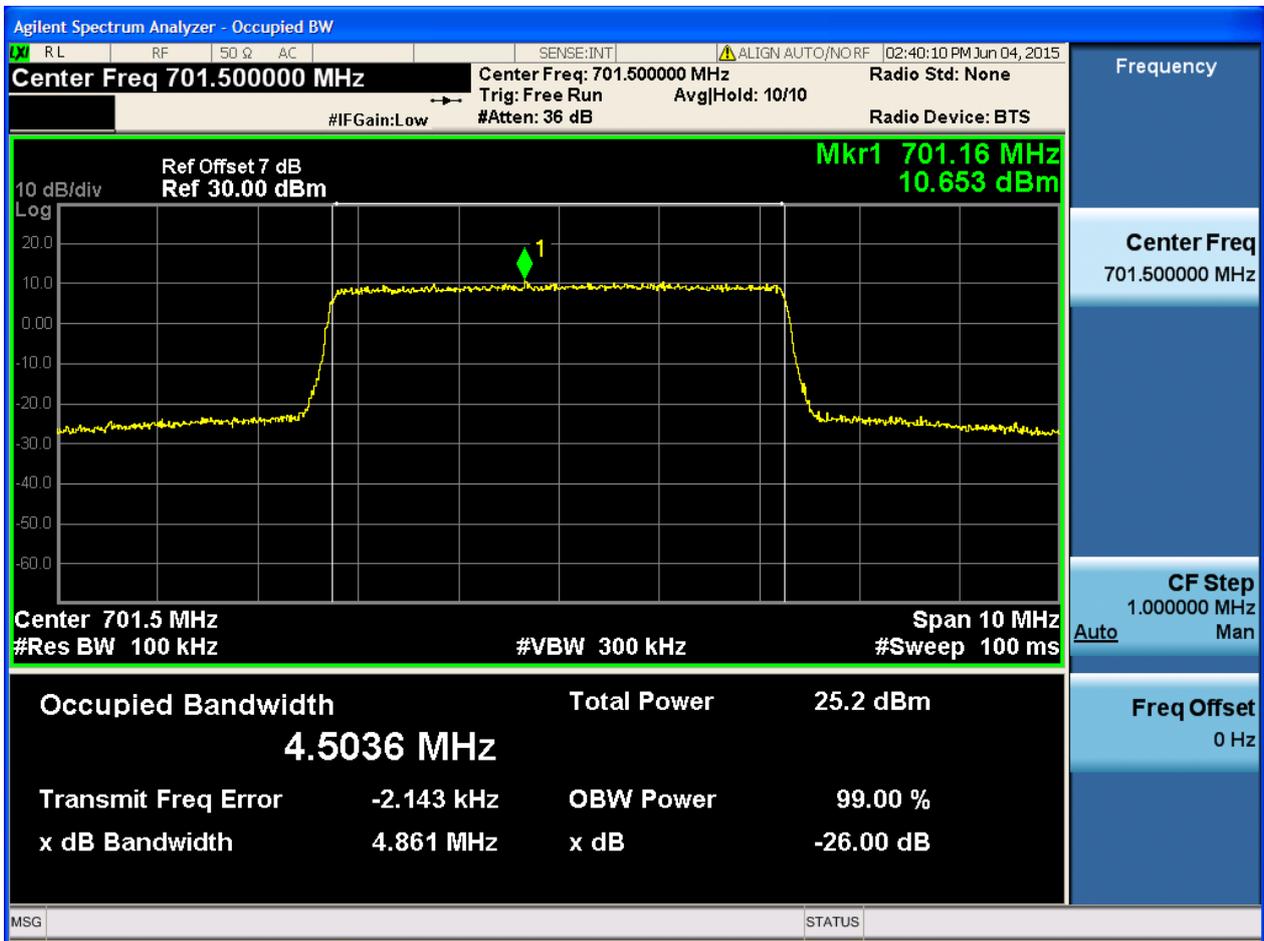
4.1.1.1.1.2 Test Channel = MCH
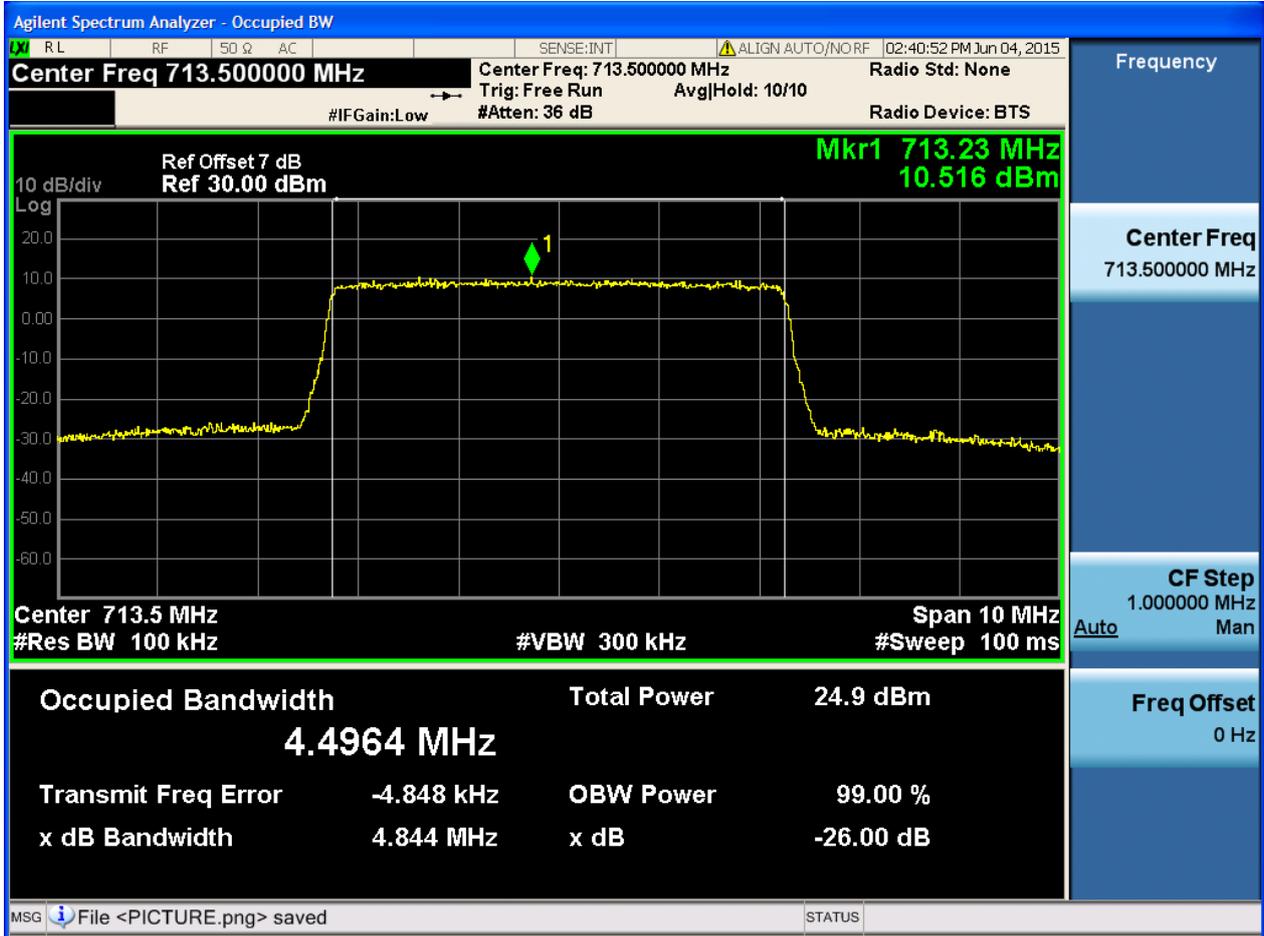
4.1.1.1.1.2.1 Test RB = RB25#0
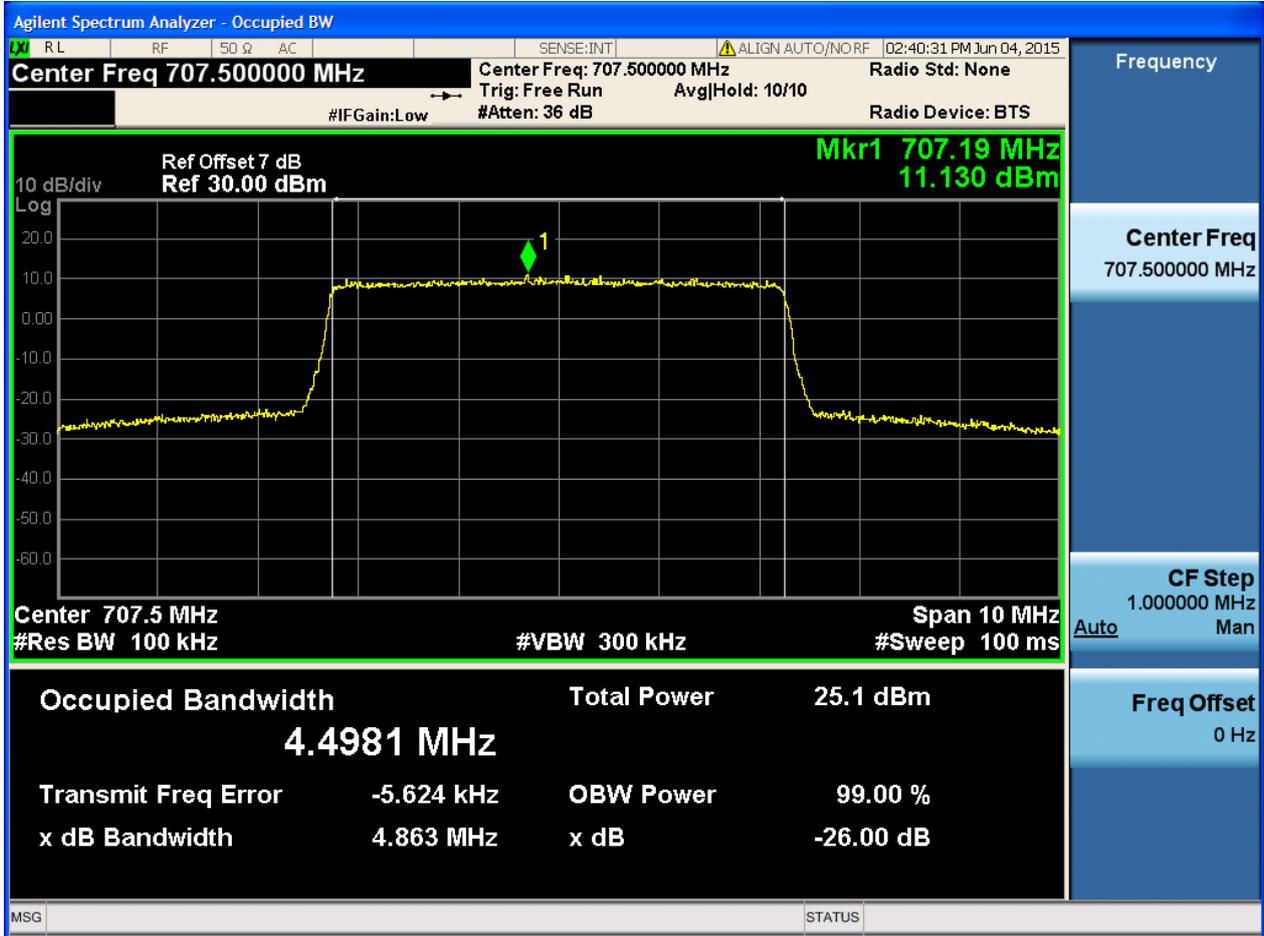
4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

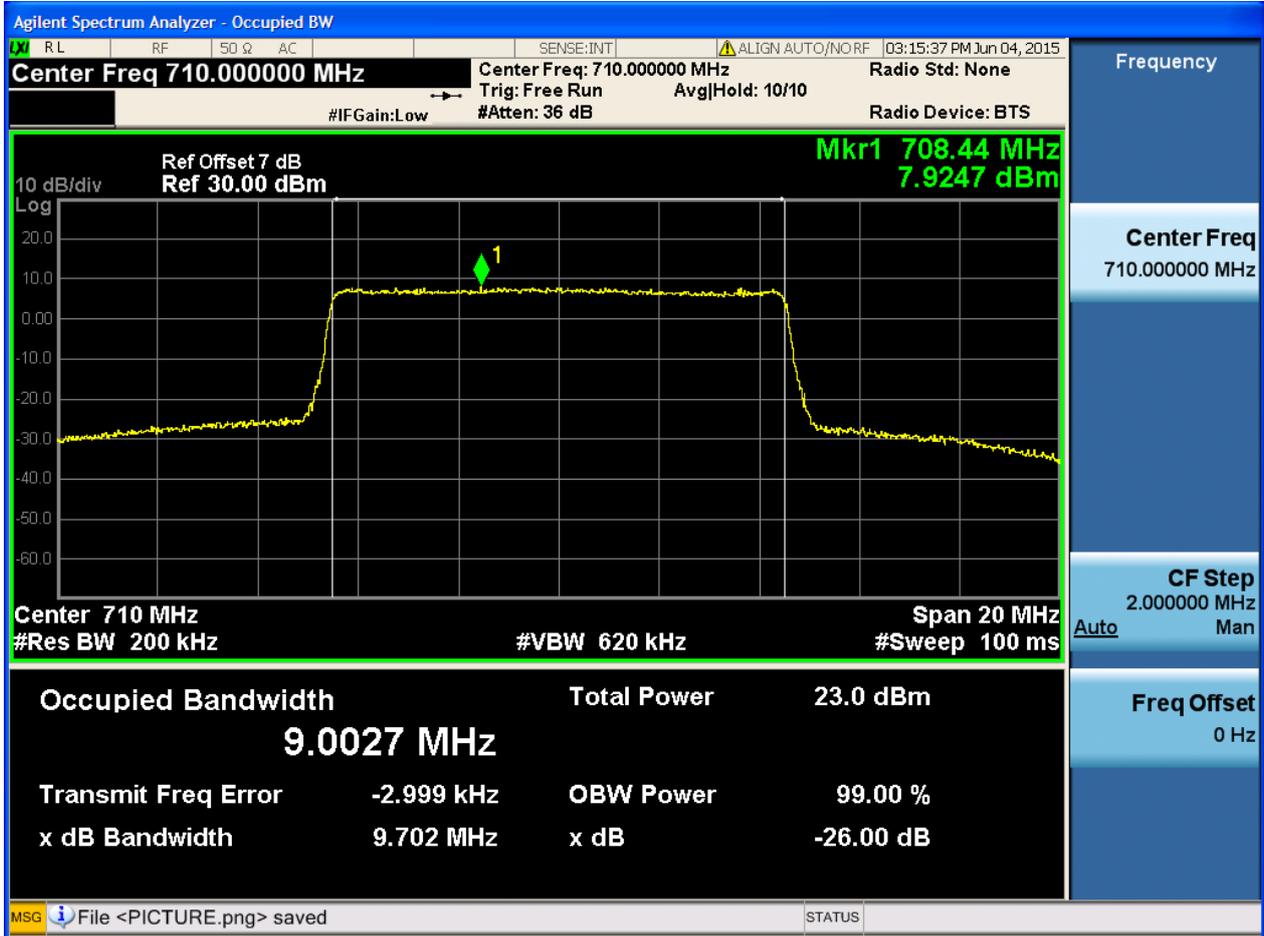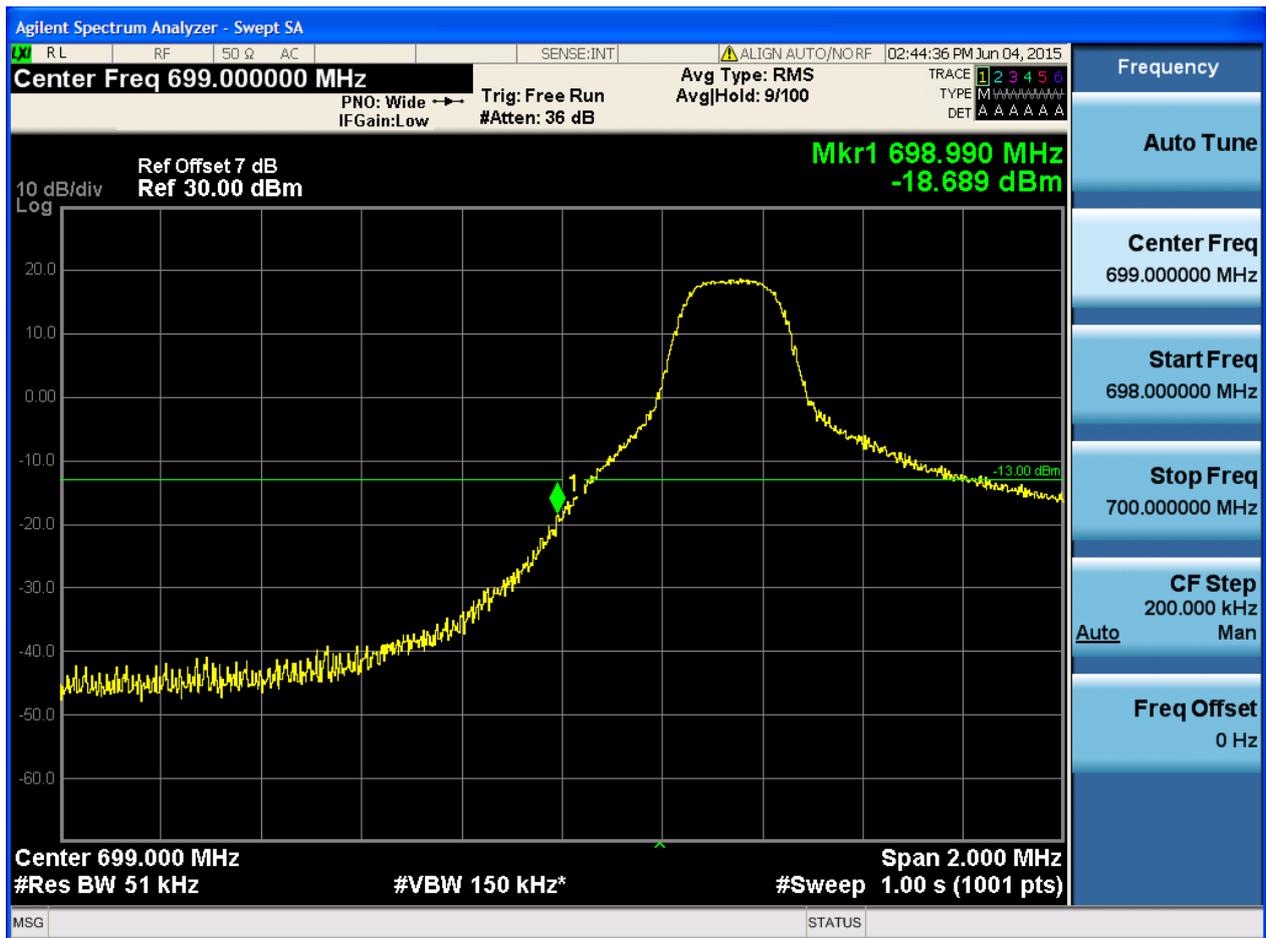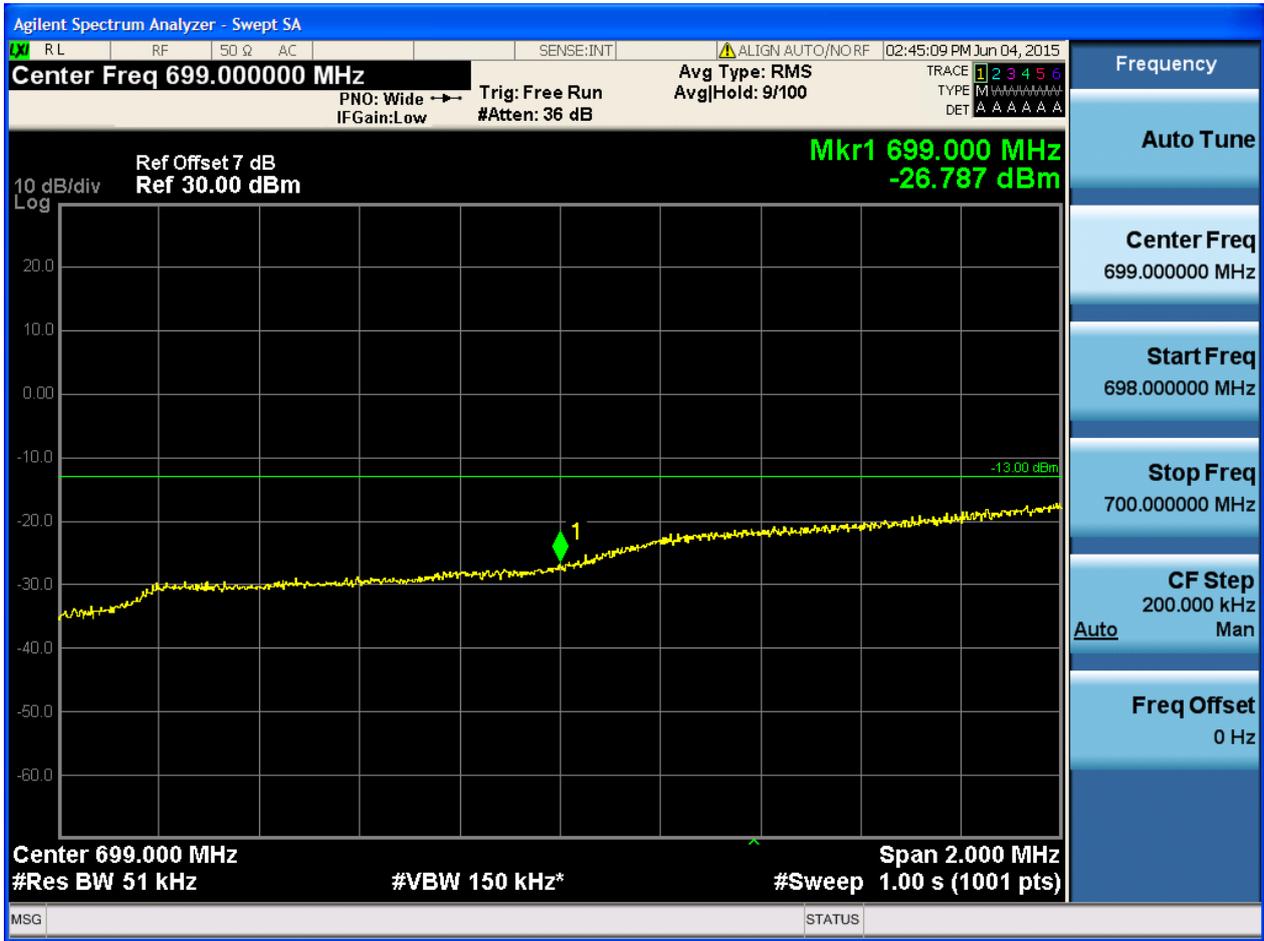**4.1.1.1.2 Test Bandwidth = 10**

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0
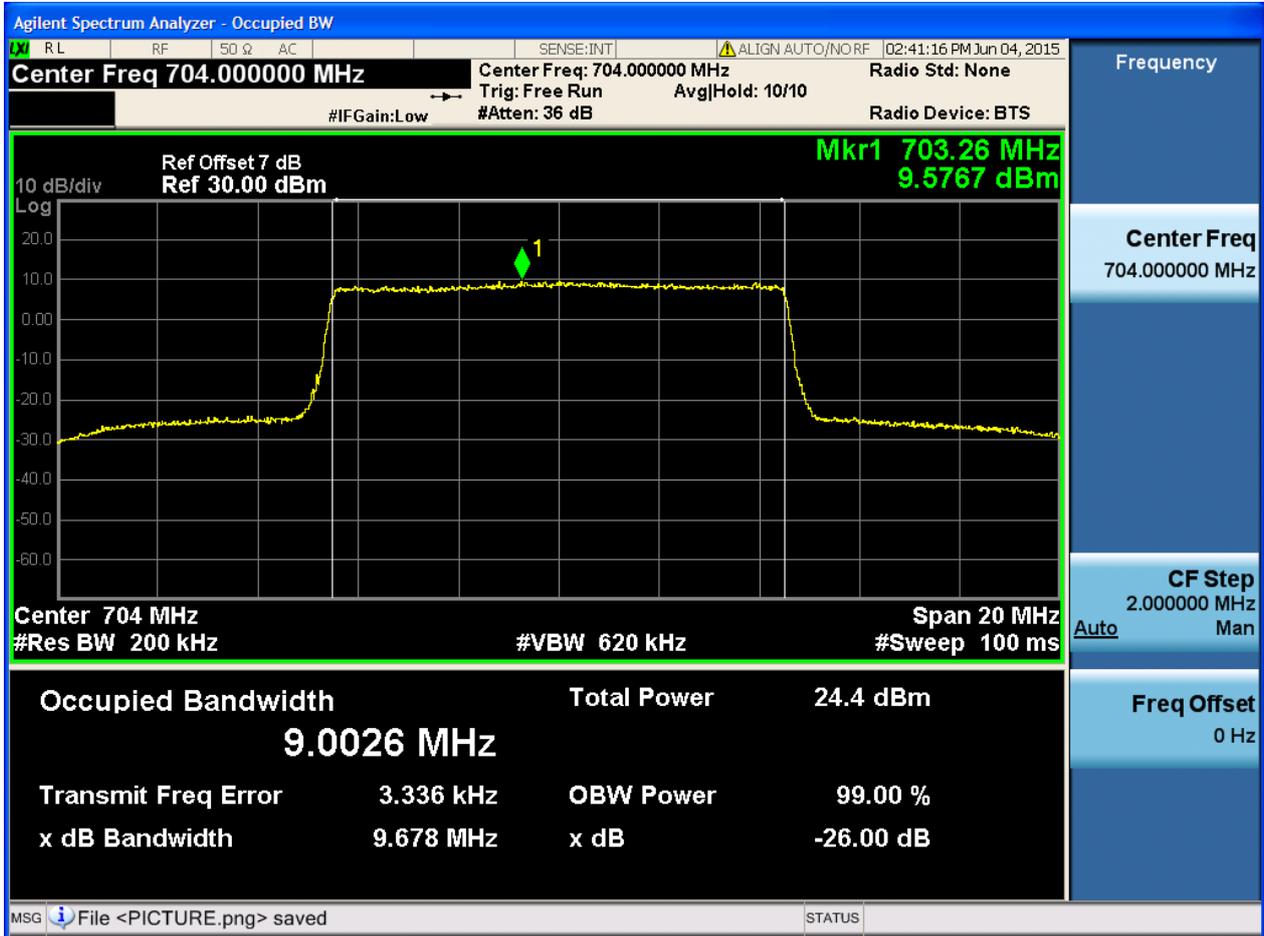
4.1.1.1.2.2 Test Channel = MCH
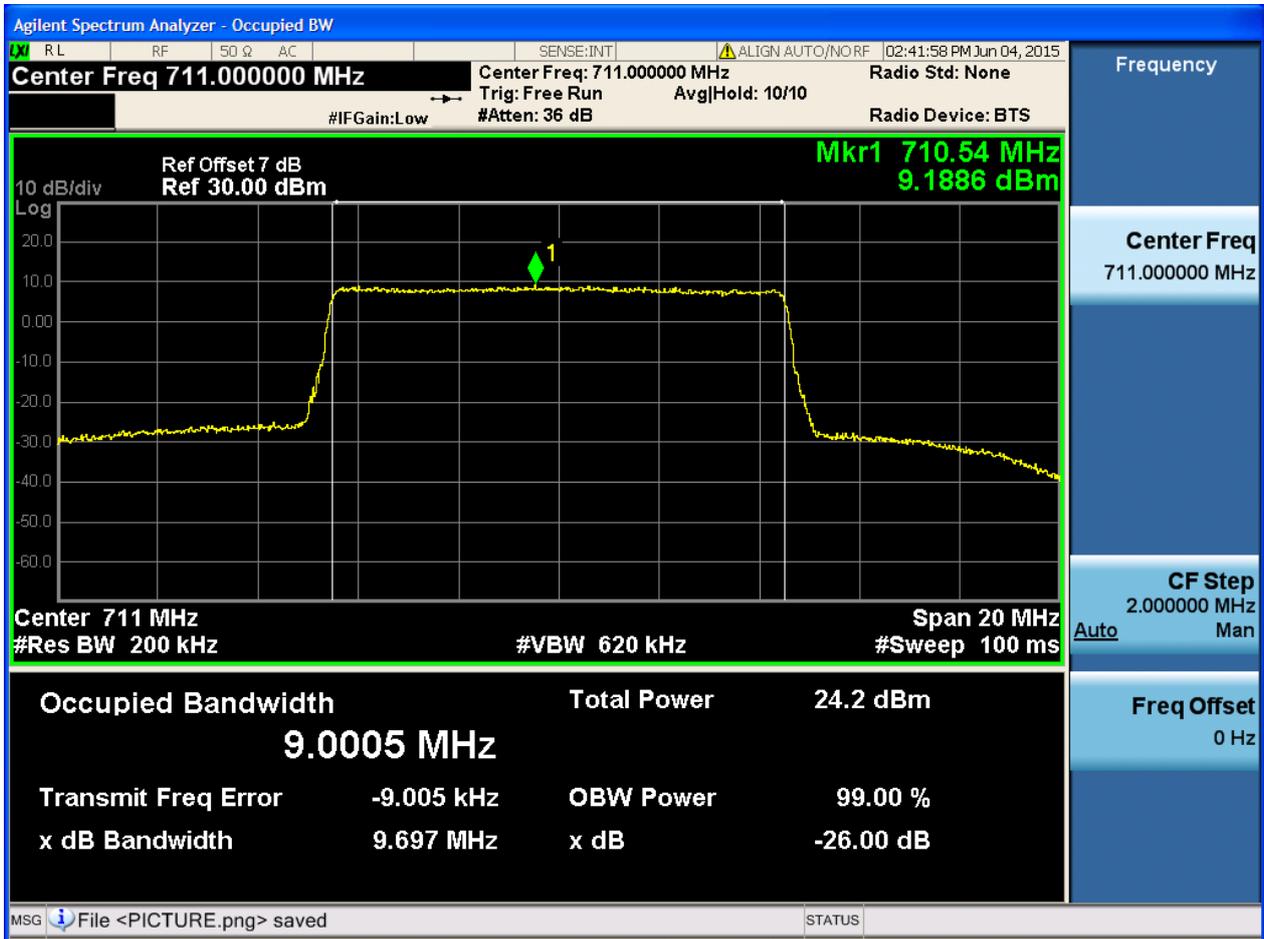
4.1.1.1.2.2.1 Test RB = RB50#0
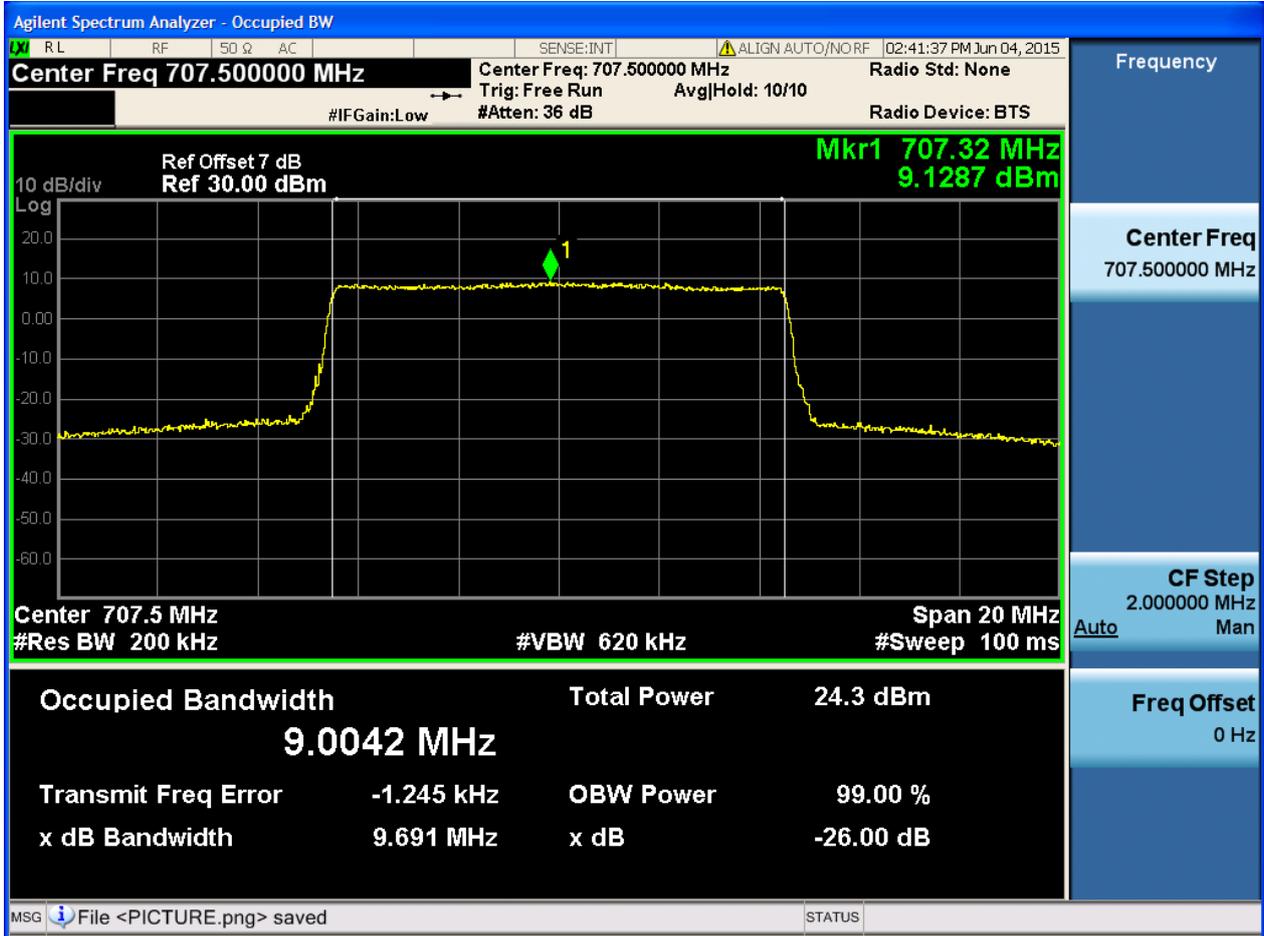
4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0
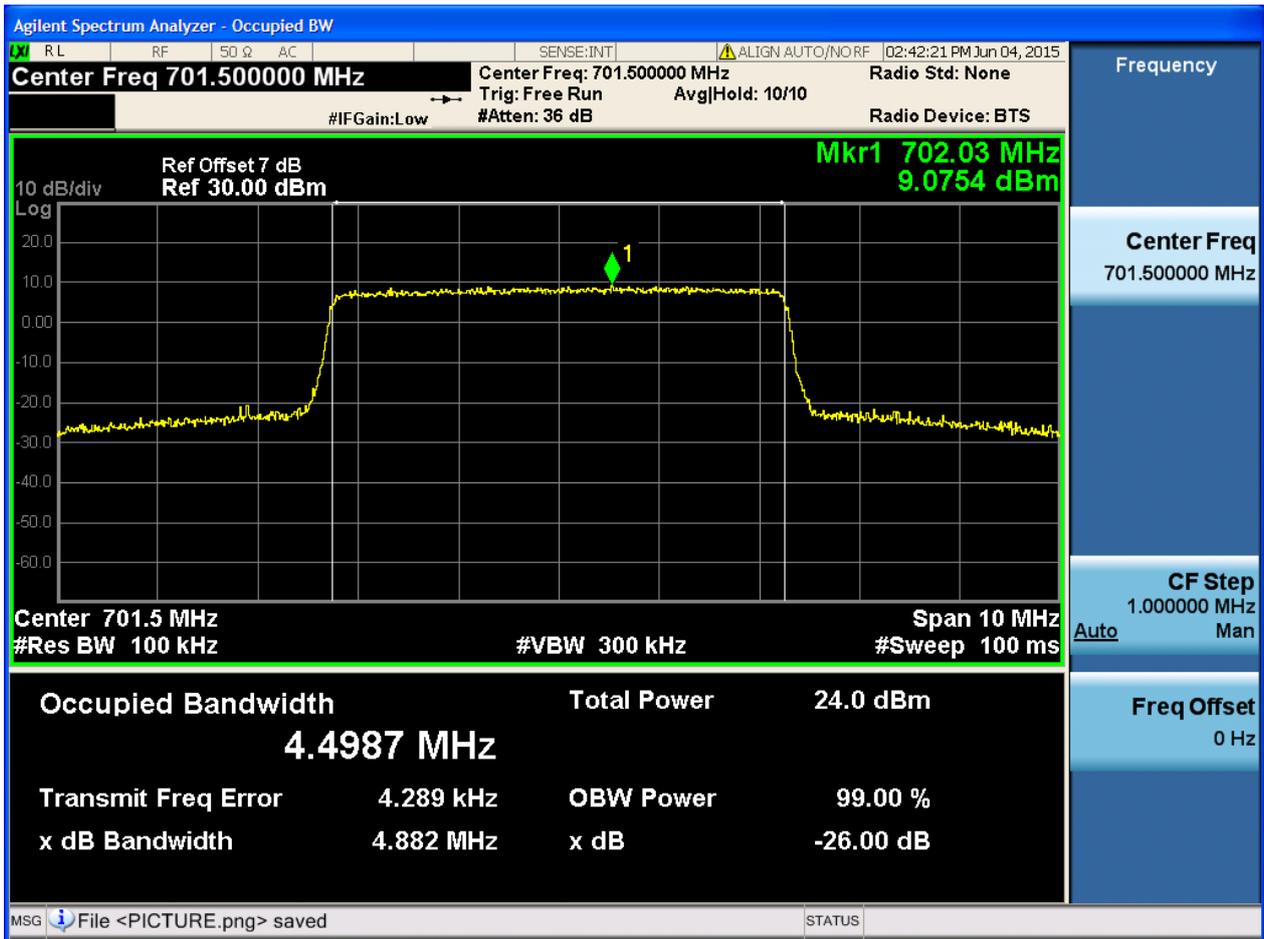
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0
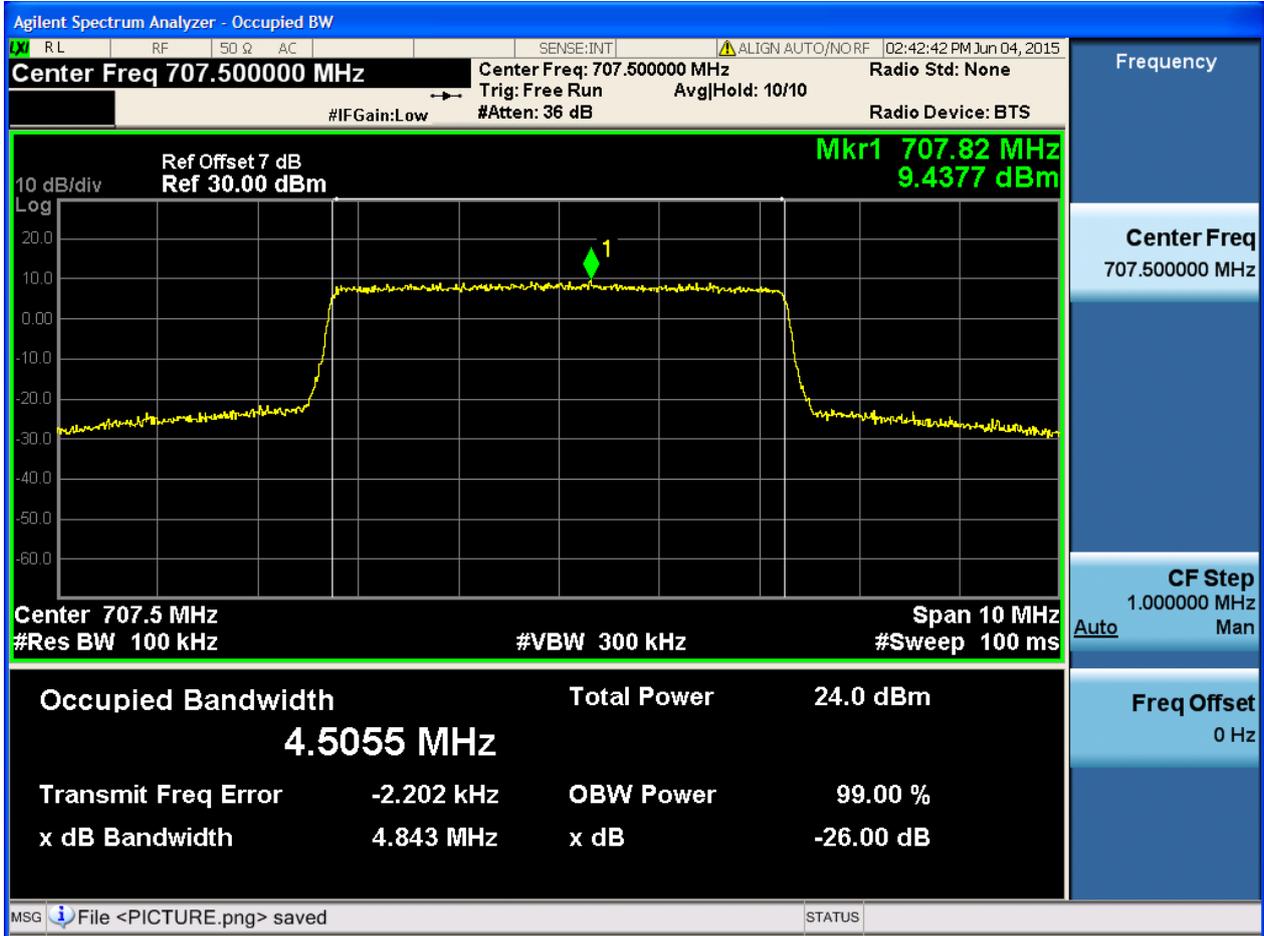
4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0
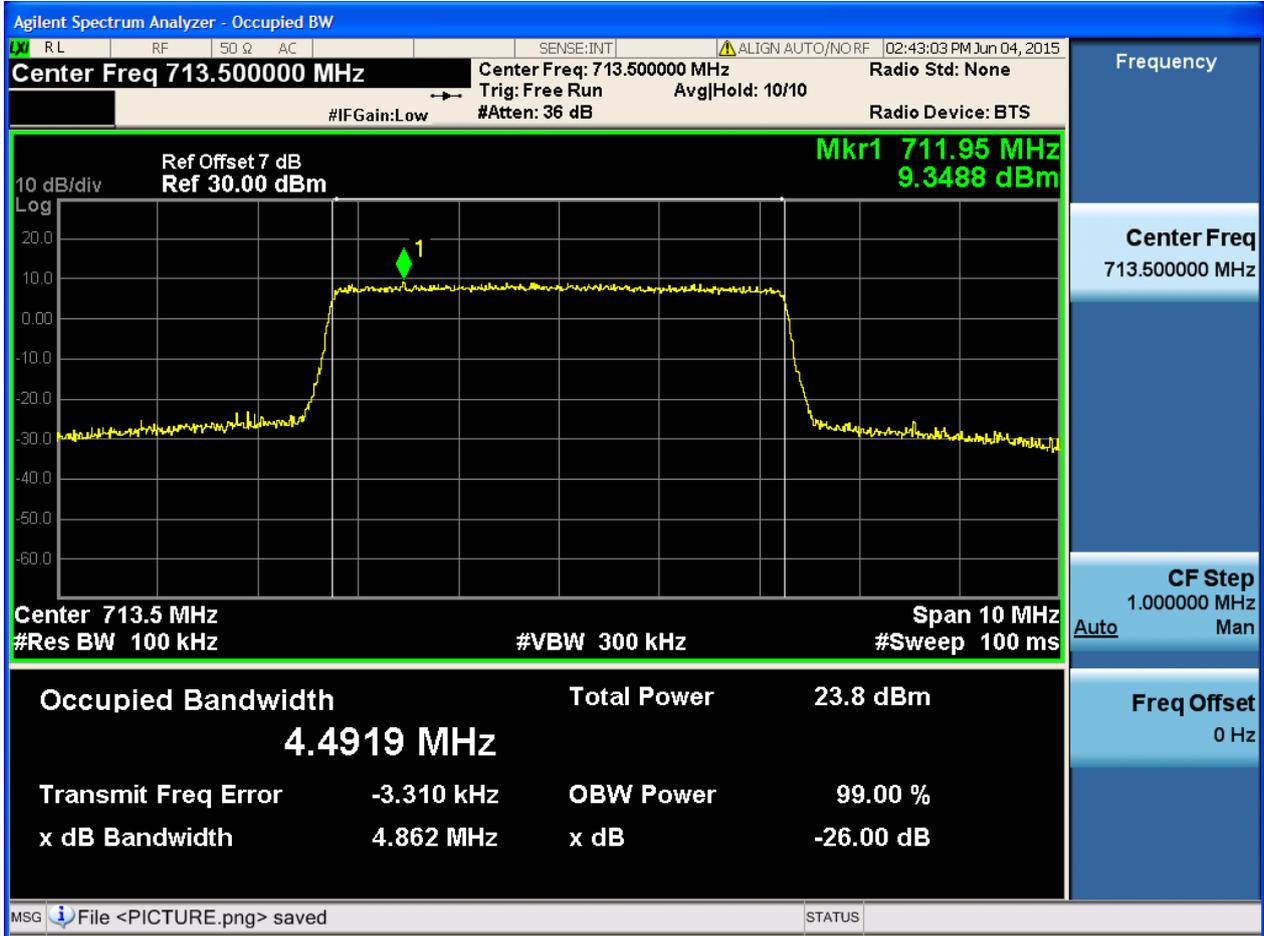
4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0
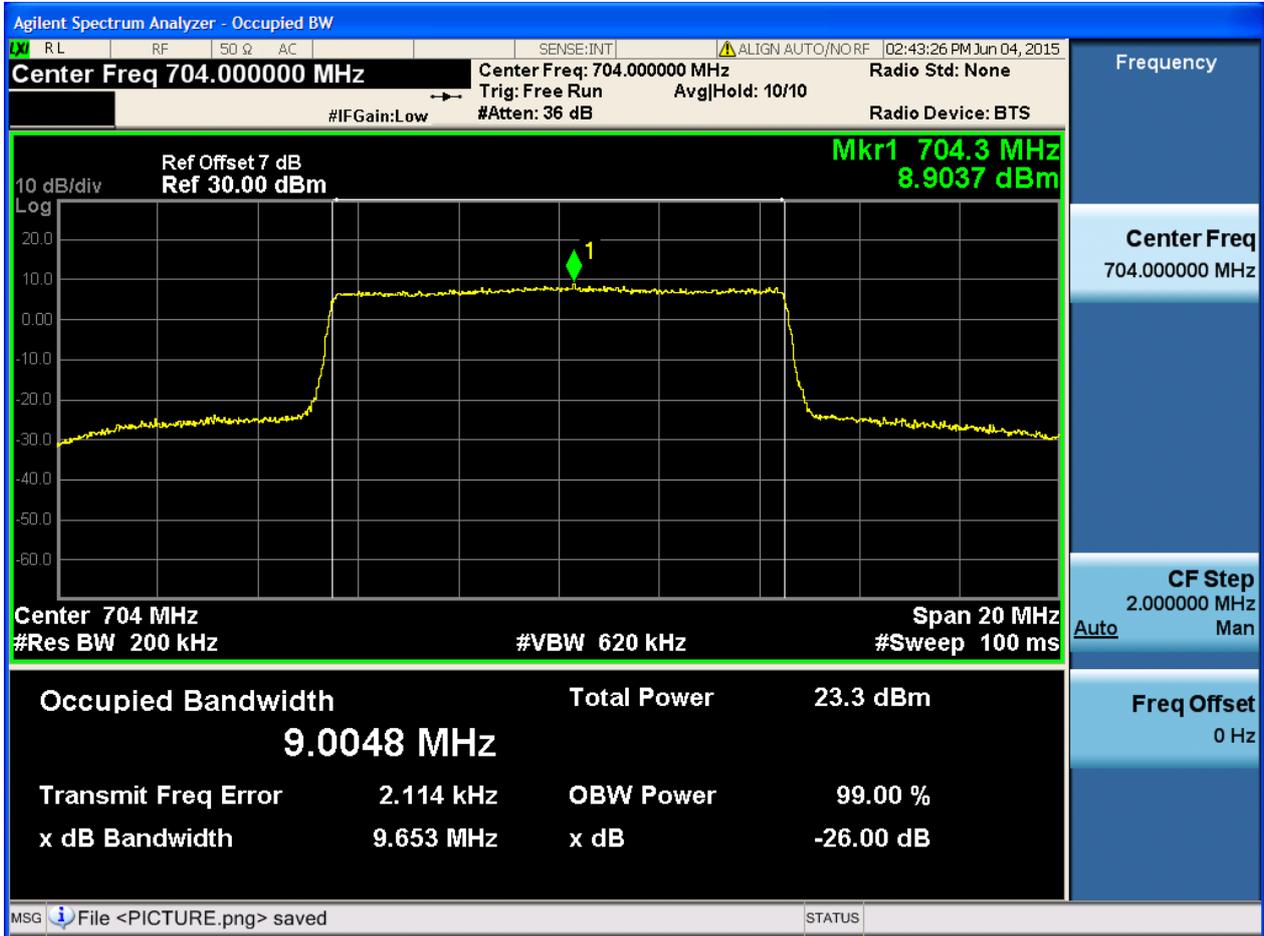
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0
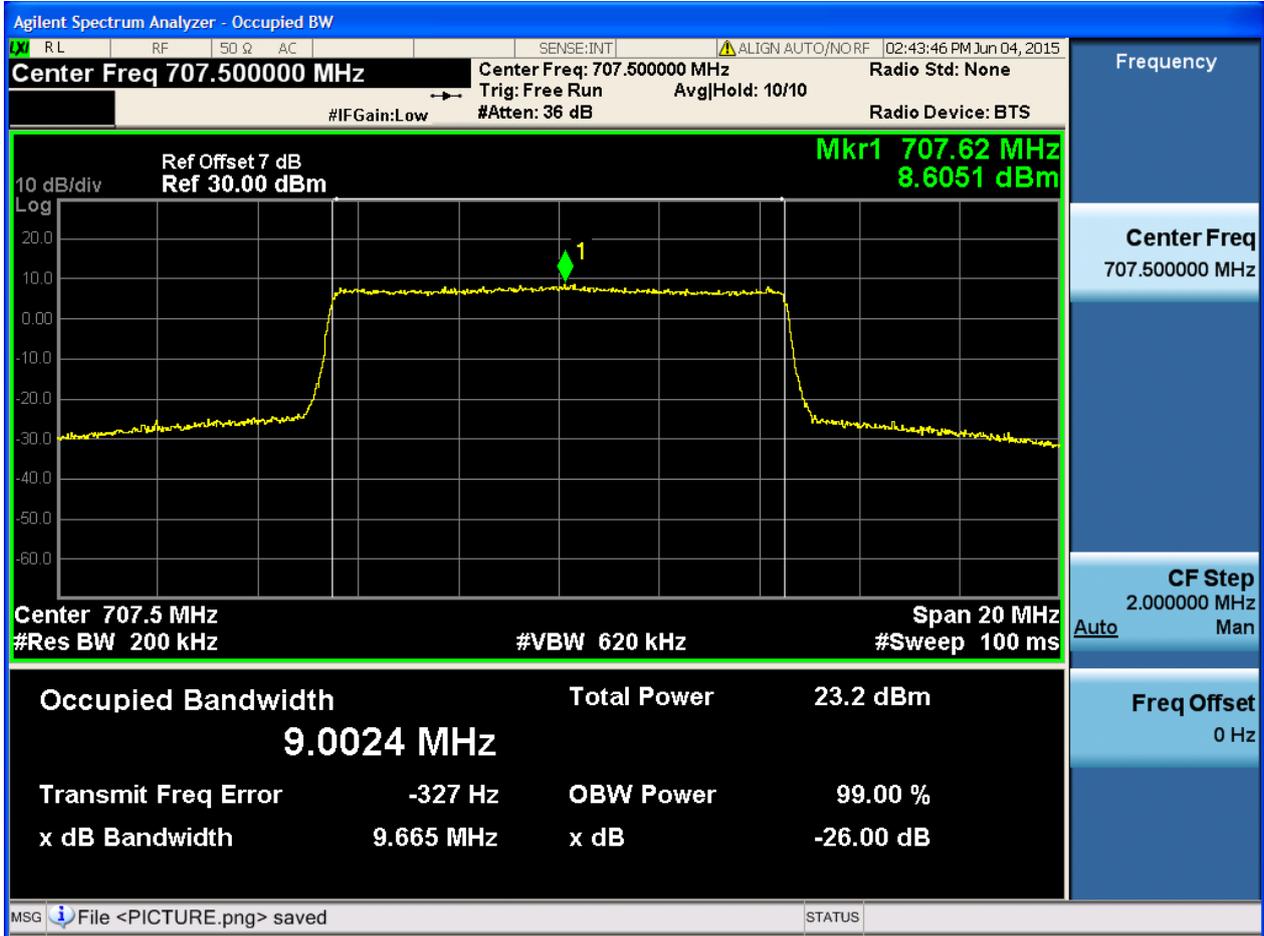
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0
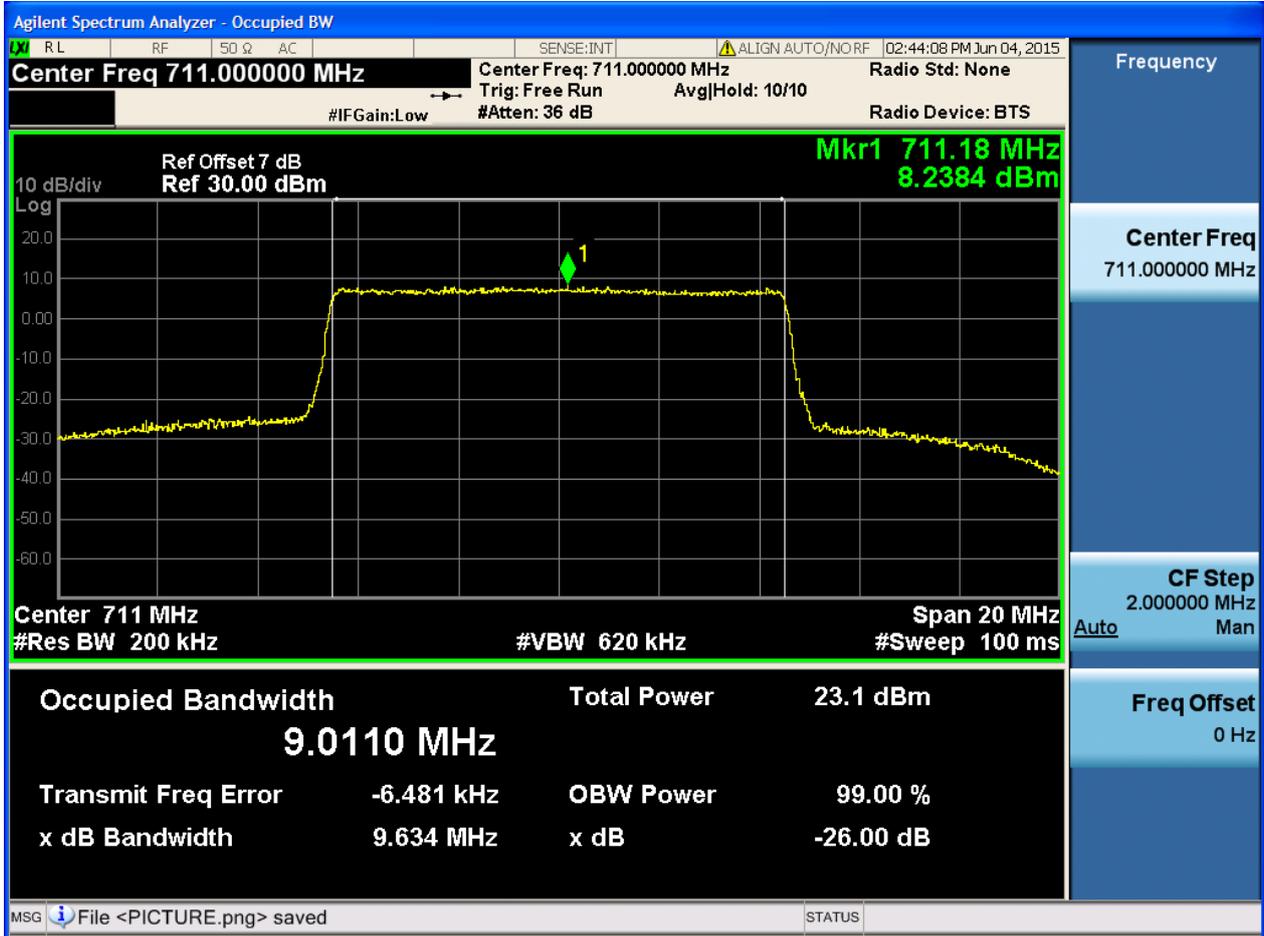
4.2 For LTE

4.2.1 Test Band = BAND17

4.2.1.1 Test Mode = LTE/TM1

4.2.1.1.1 Test Bandwidth = 5

4.2.1.1.1.1 Test Channel = LCH

4.2.1.1.1.1.1 Test RB = RB25#0
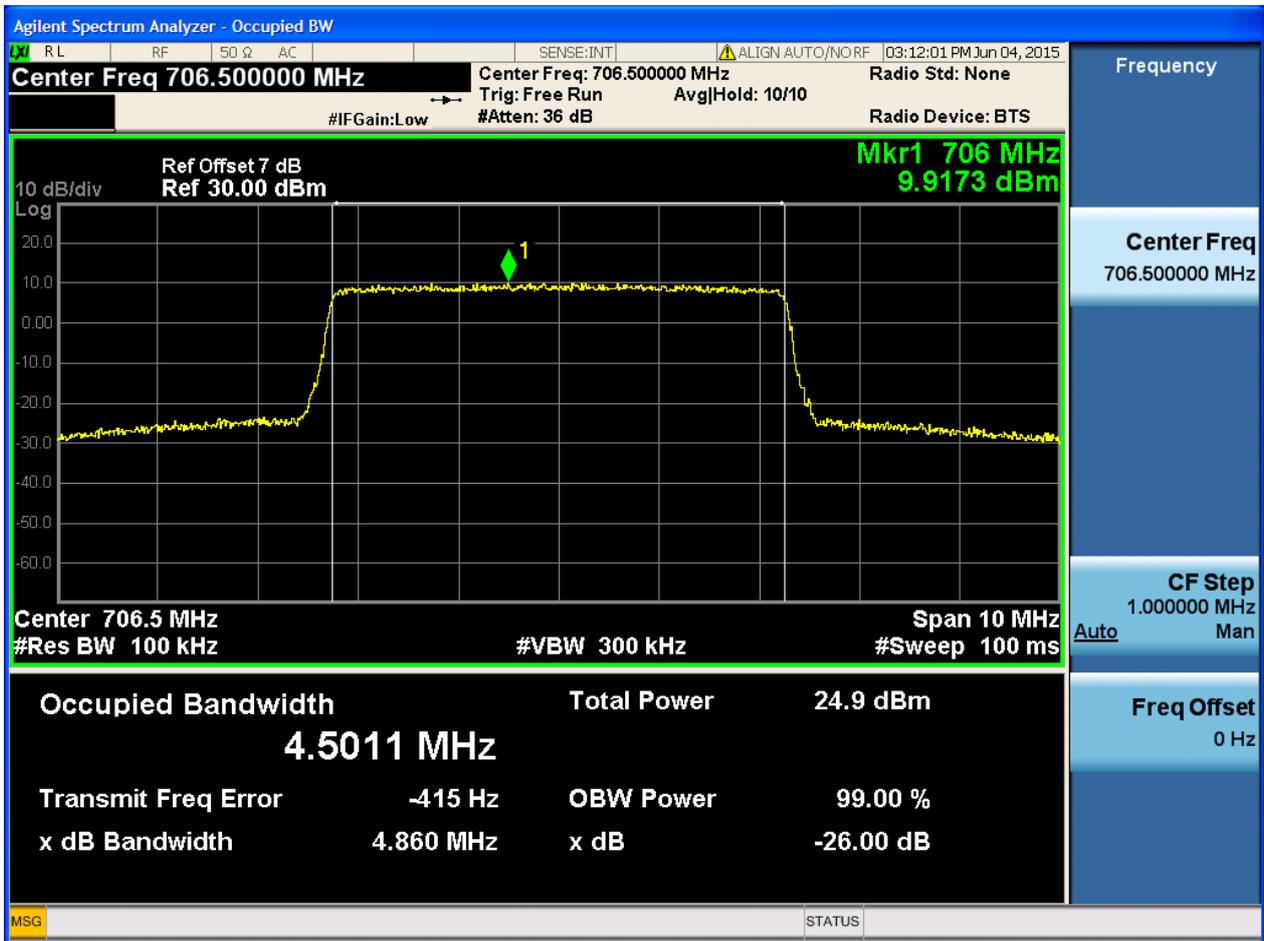
4.2.1.1.1.2 Test Channel = MCH

4.2.1.1.1.2.1 Test RB = RB25#0
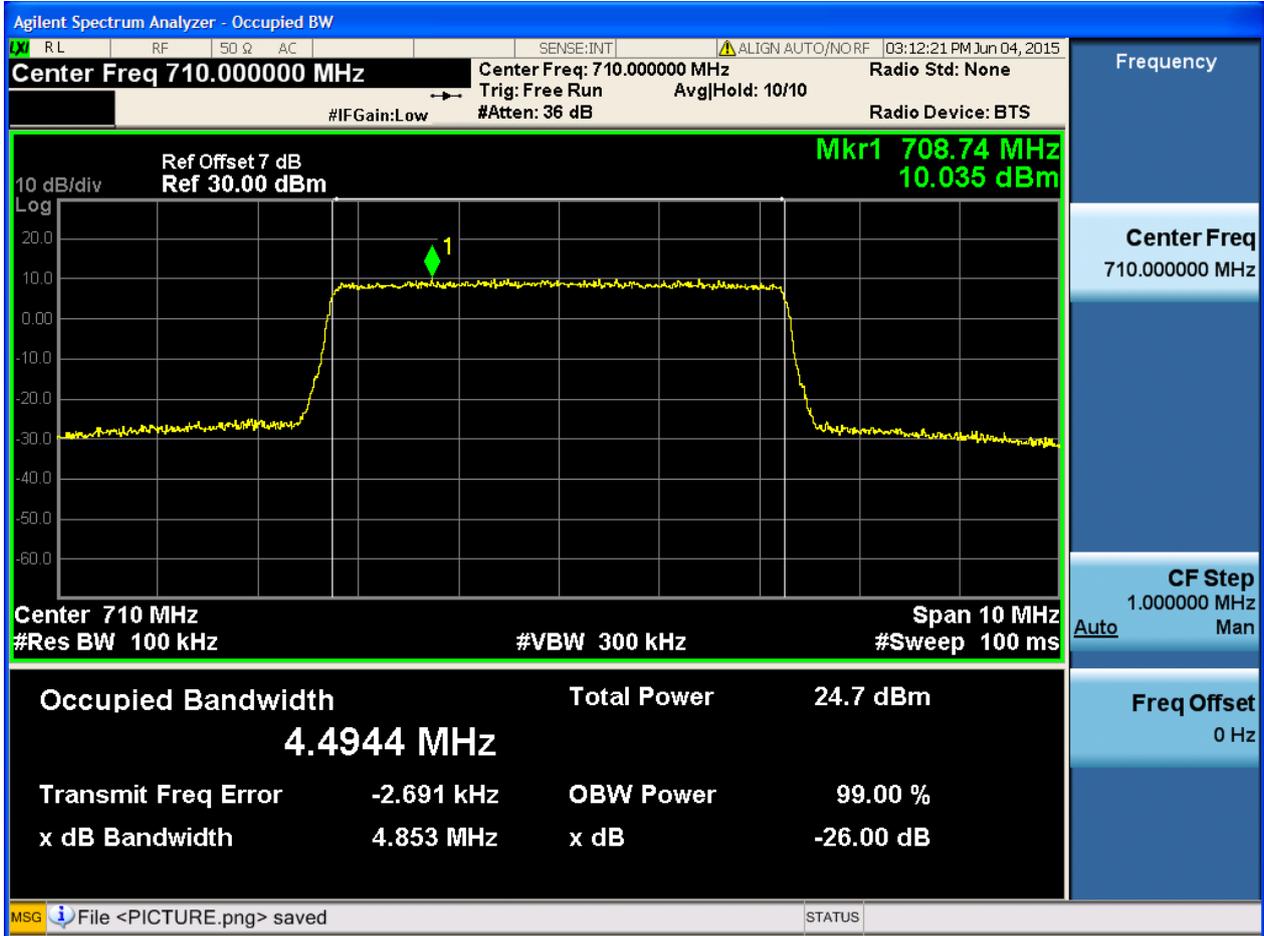
4.2.1.1.1.3 Test Channel = HCH

4.2.1.1.1.3.1 Test RB = RB25#0
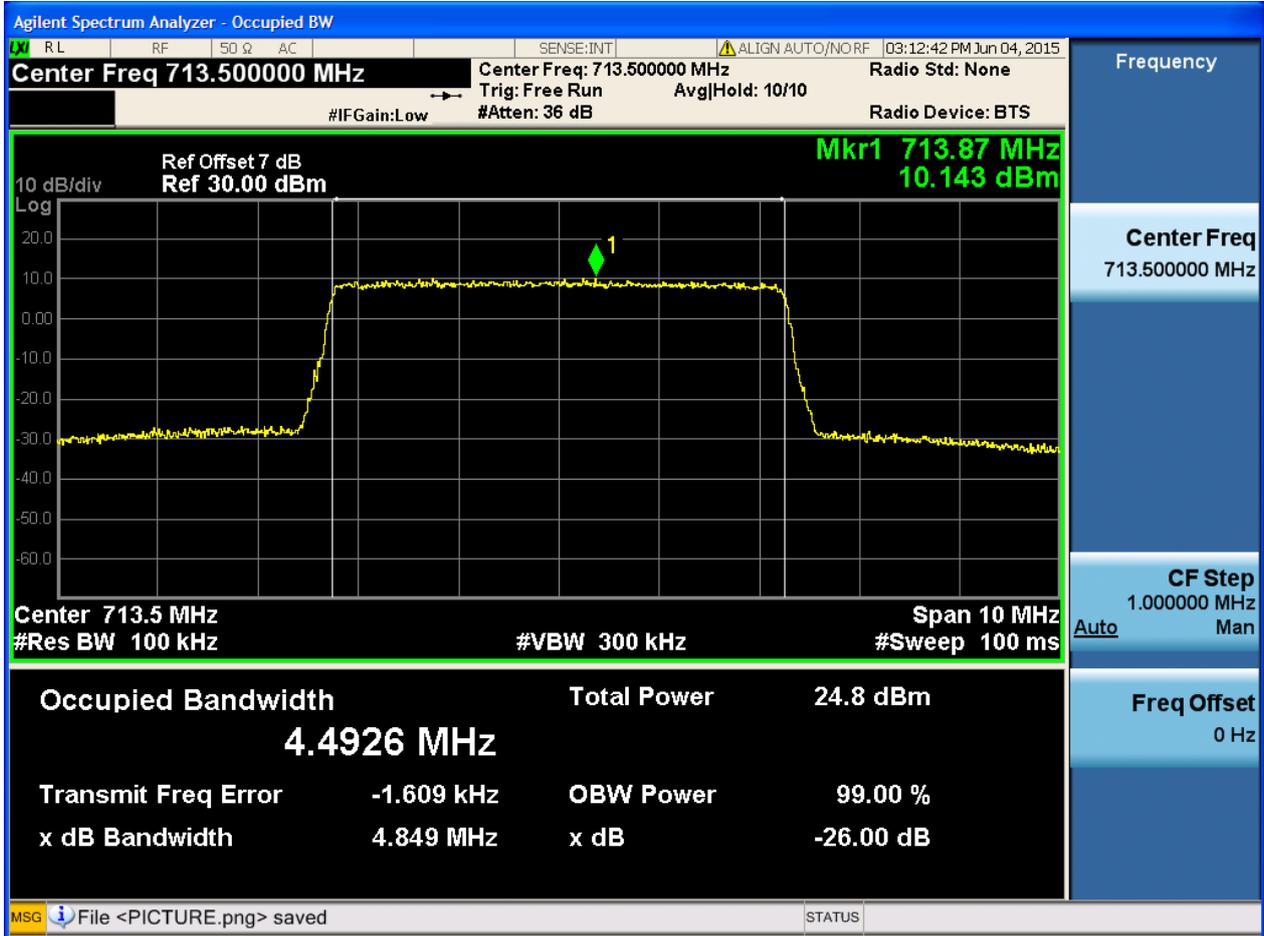
4.2.1.1.2 Test Bandwidth = 10

4.2.1.1.2.1 Test Channel = LCH

4.2.1.1.2.1.1 Test RB = RB50#0

4.2.1.1.2.2 Test Channel = MCH

4.2.1.1.2.2.1 Test RB = RB50#0
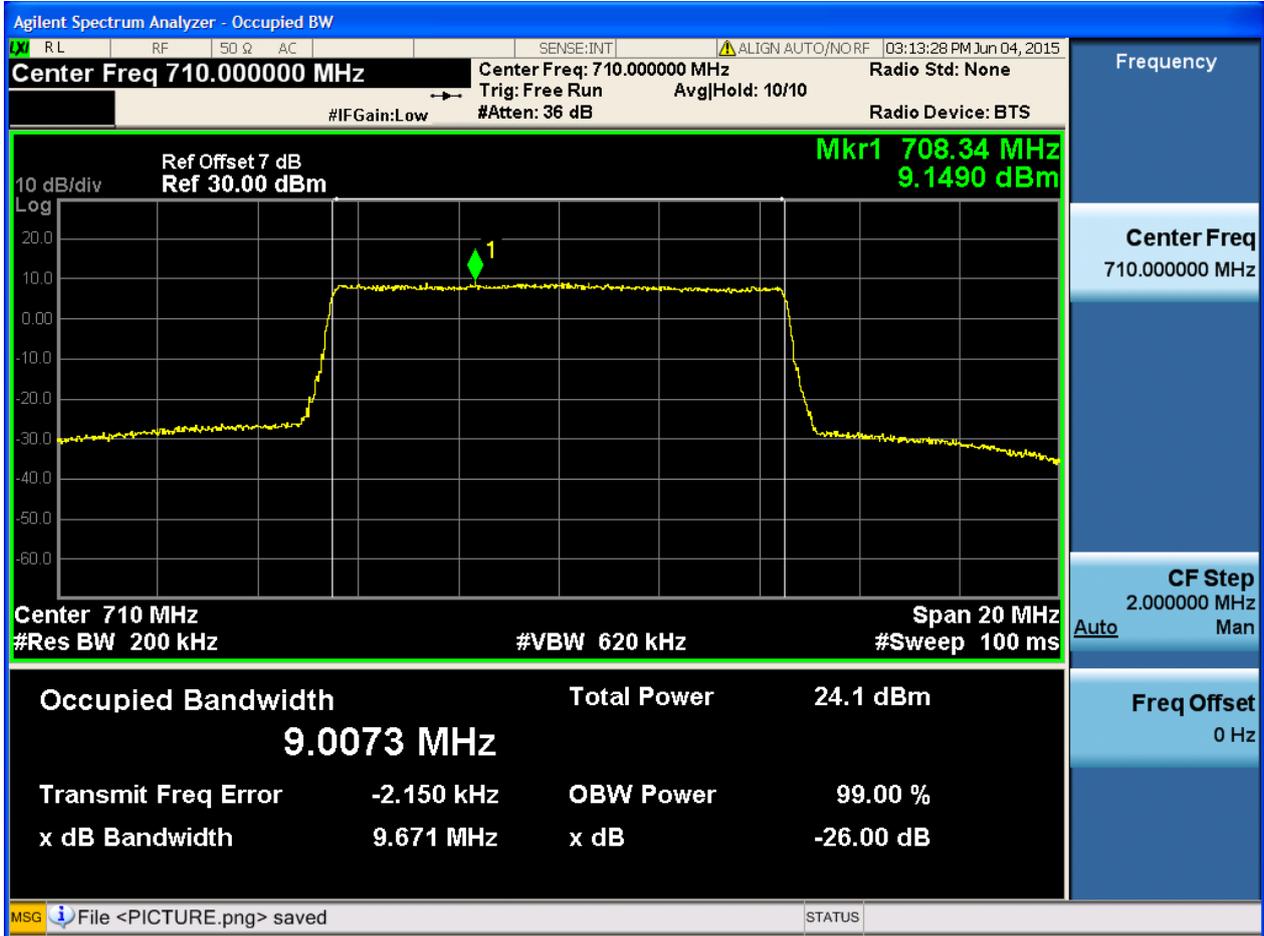
4.2.1.1.2.3 Test Channel = HCH

4.2.1.1.2.3.1 Test RB = RB50#0
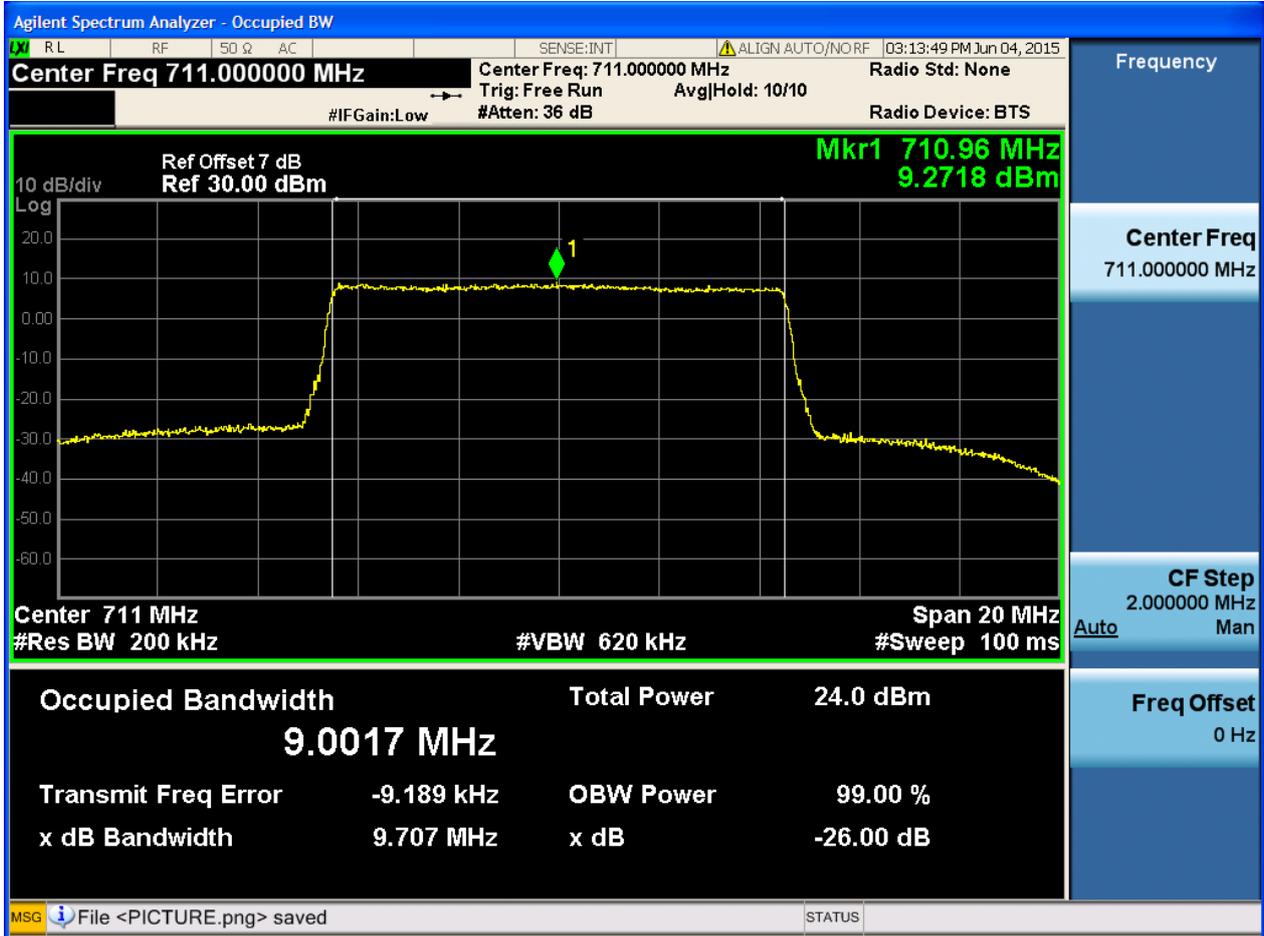
4.2.1.2 Test Mode = LTE/TM2

4.2.1.2.1 Test Bandwidth = 5

4.2.1.2.1.1 Test Channel = LCH

4.2.1.2.1.1.1 Test RB = RB25#0
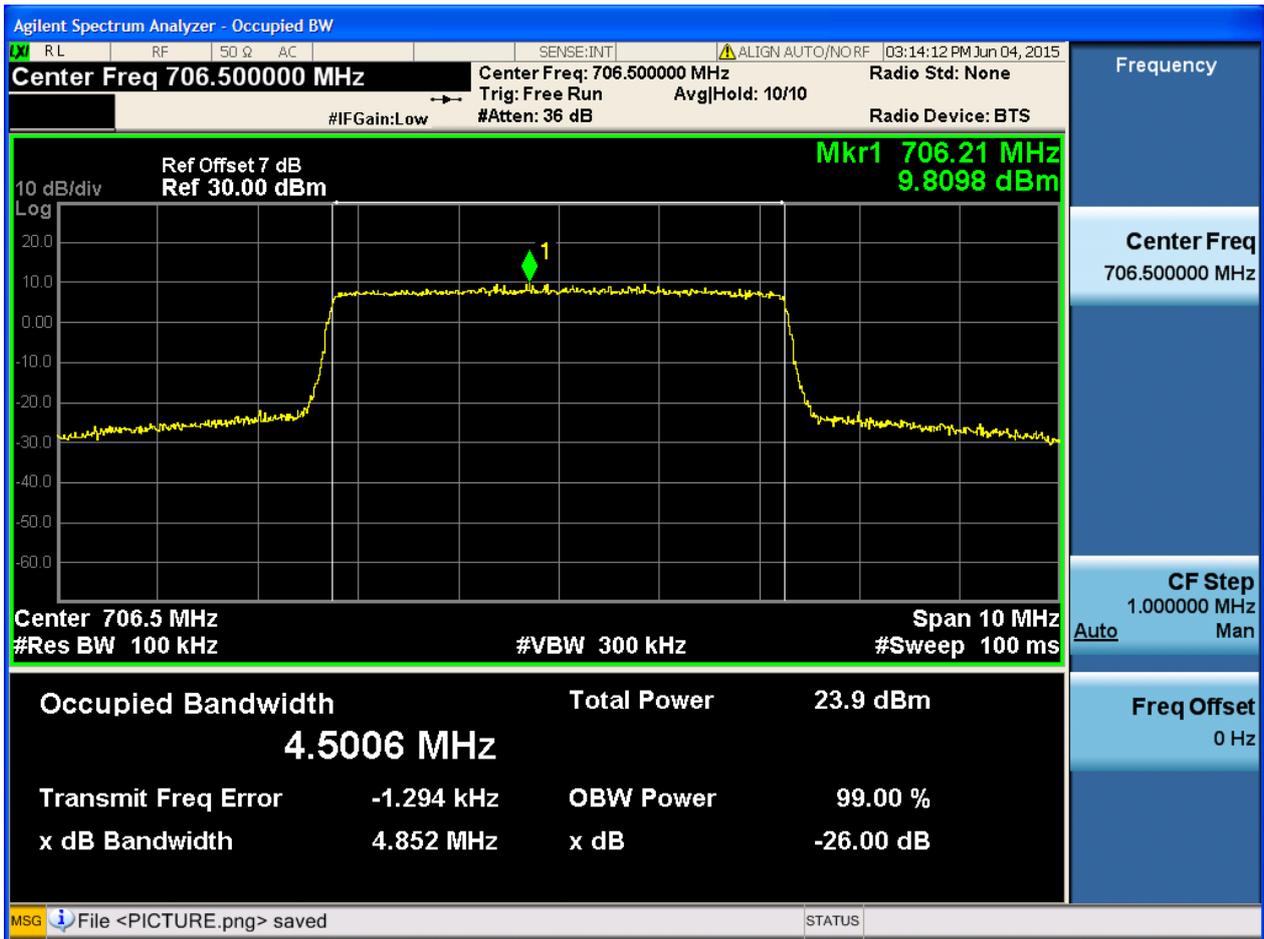
4.2.1.2.1.2 Test Channel = MCH

4.2.1.2.1.2.1 Test RB = RB25#0

4.2.1.2.1.3 Test Channel = HCH

4.2.1.2.1.3.1 Test RB = RB25#0

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4.2.1.2.2 Test Bandwidth = 10

4.2.1.2.2.1 Test Channel = LCH

4.2.1.2.2.1.1 Test RB = RB50#0
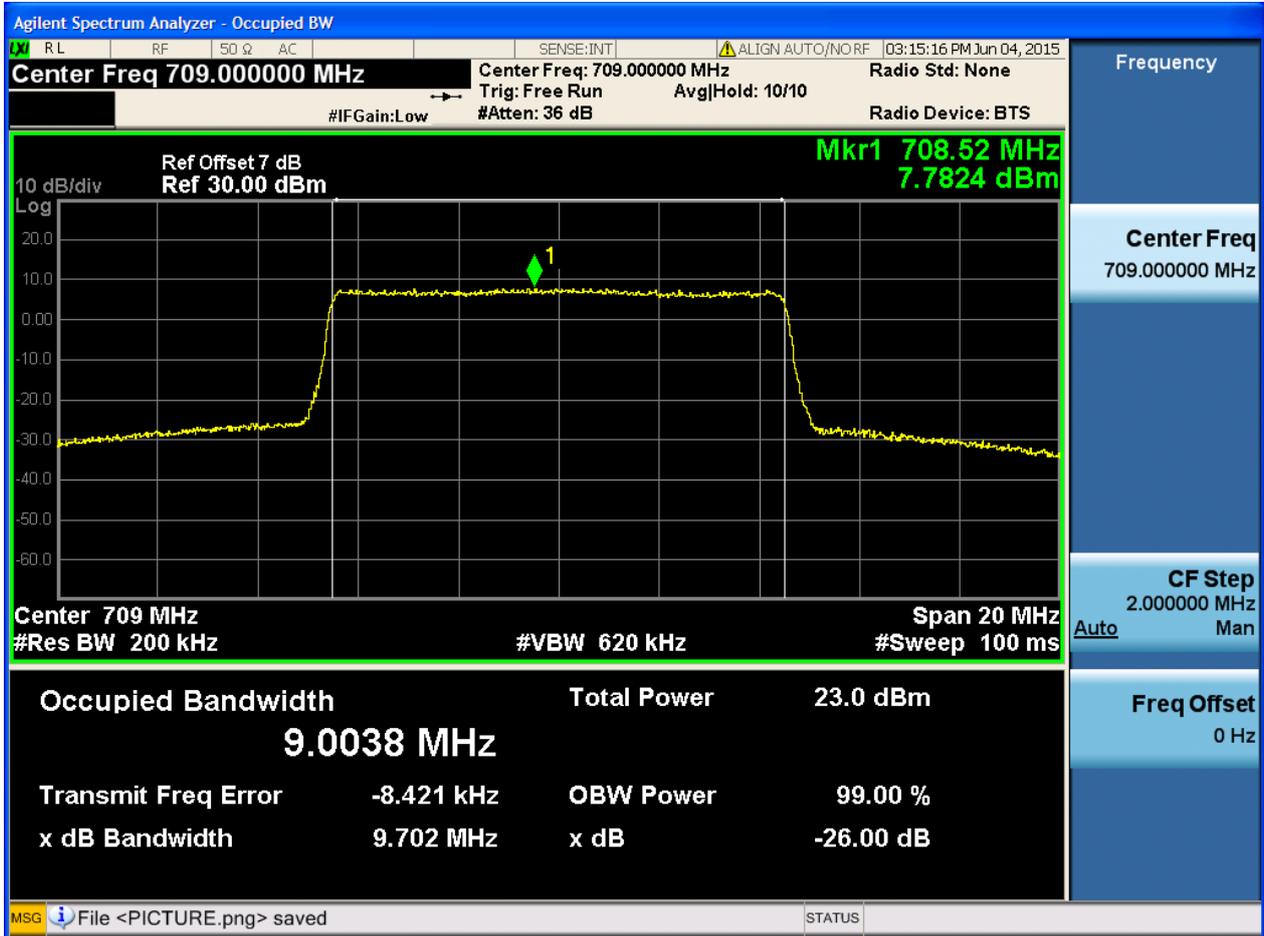
4.2.1.2.2.2 Test Channel = MCH

4.2.1.2.2.2.1 Test RB = RB50#0

4.2.1.2.2.3 Test Channel = HCH

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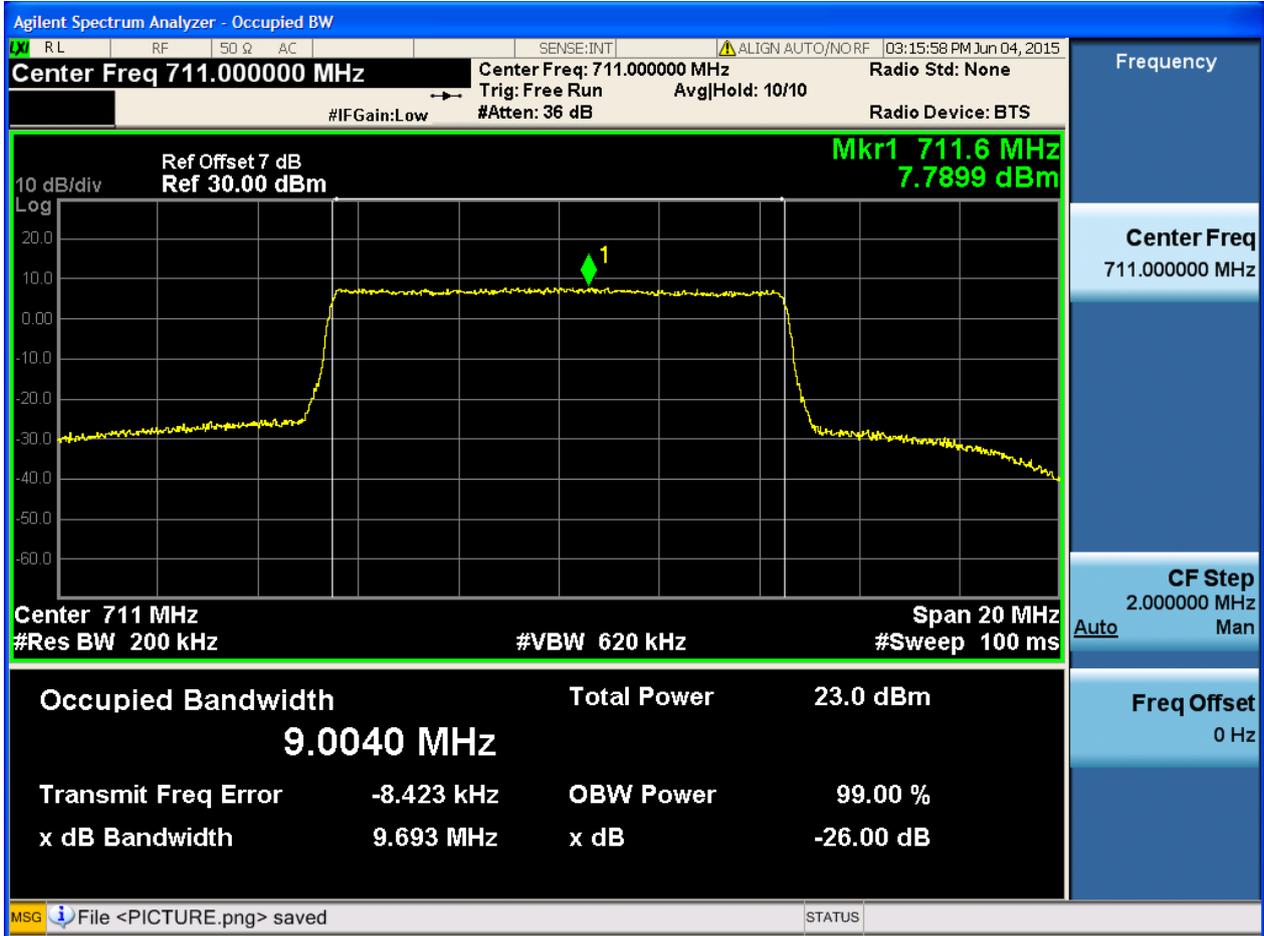
5Appendix_E: Band Edges Compliance

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 = 5

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0

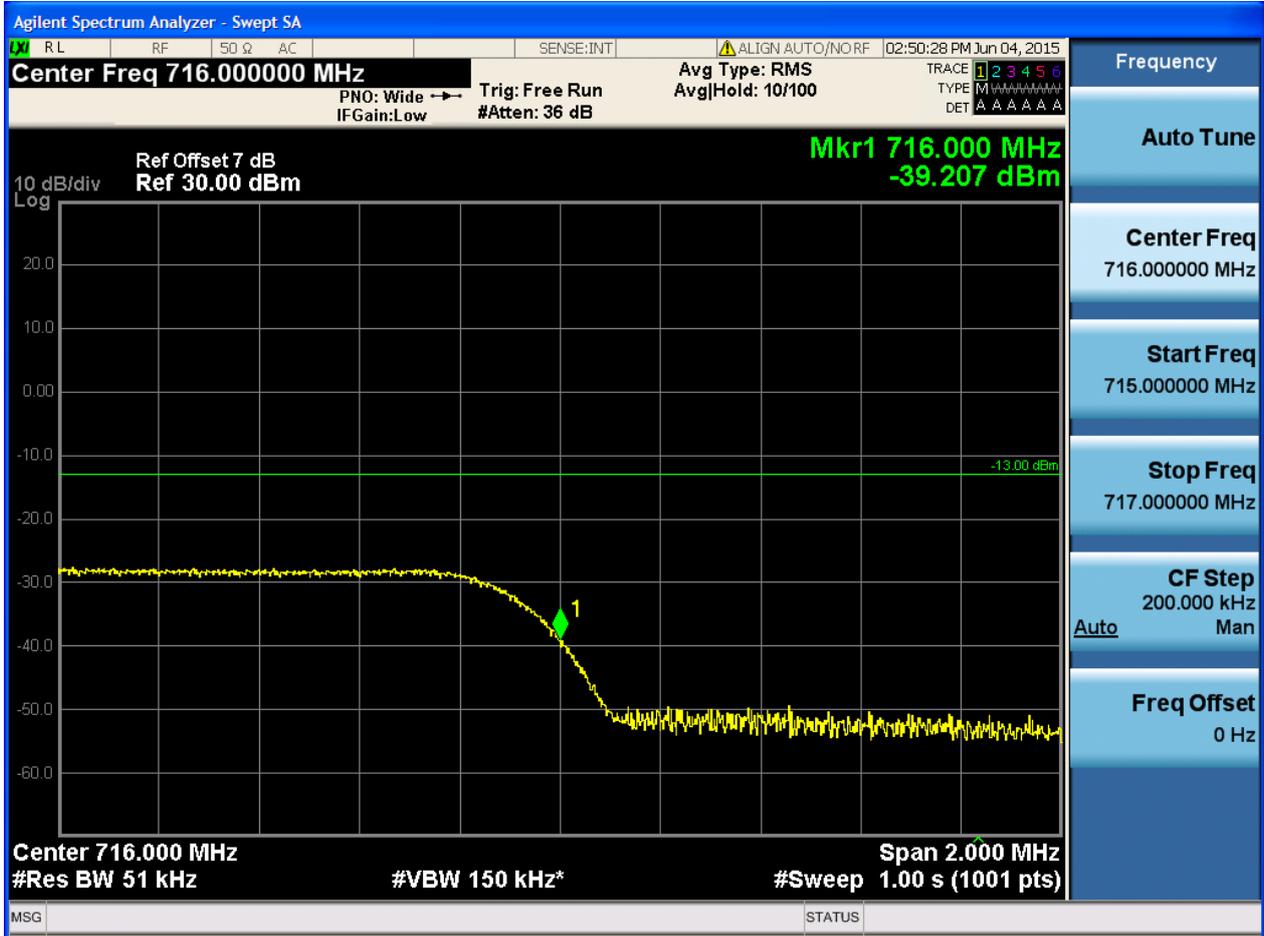## 5.1.1.1.1.1.2 Test RB = RB1#24

5.1.1.1.1.3 Test RB = RB12#6

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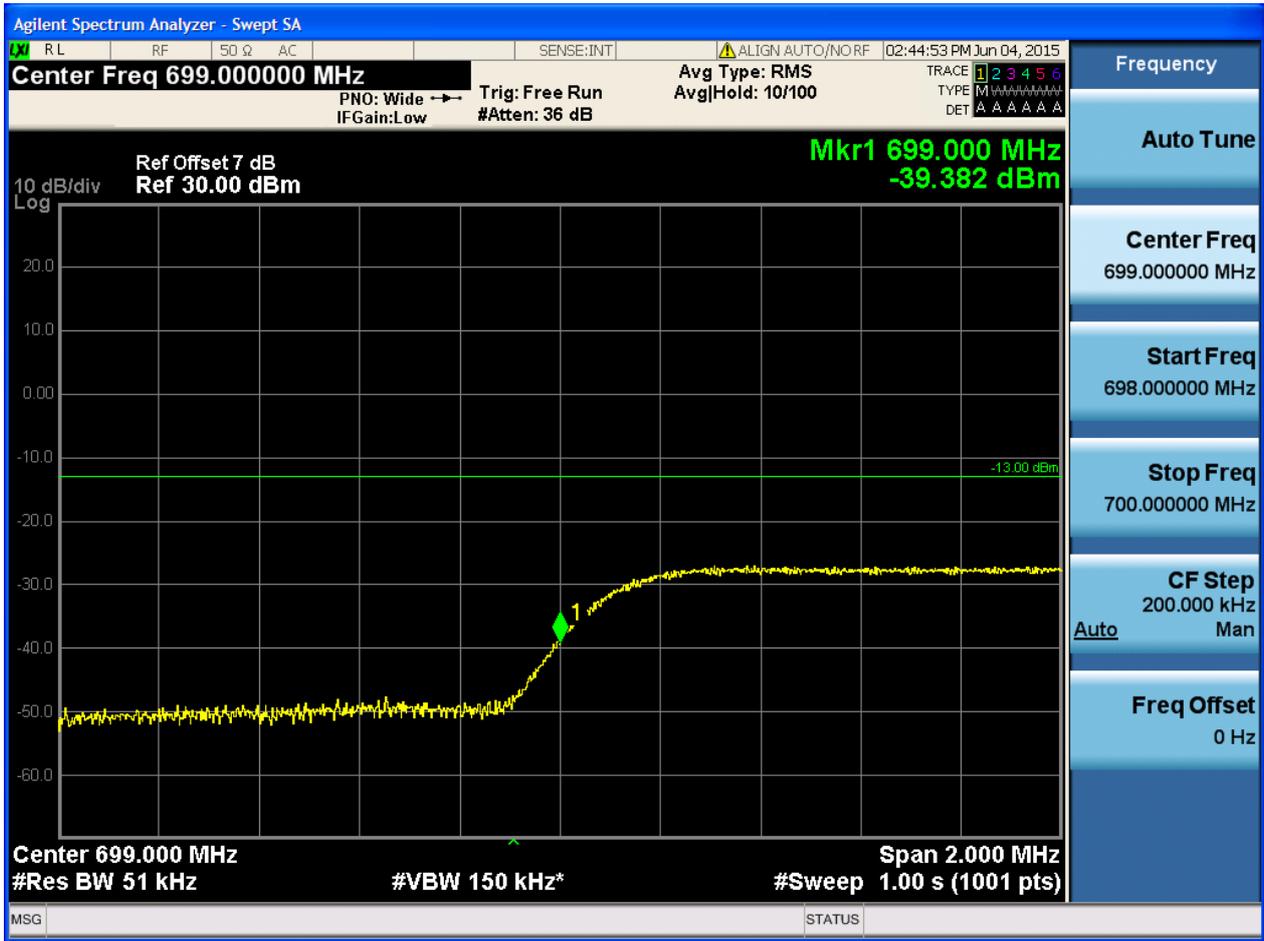
5.1.1.1.1.1.4 Test RB = RB25#0

5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0
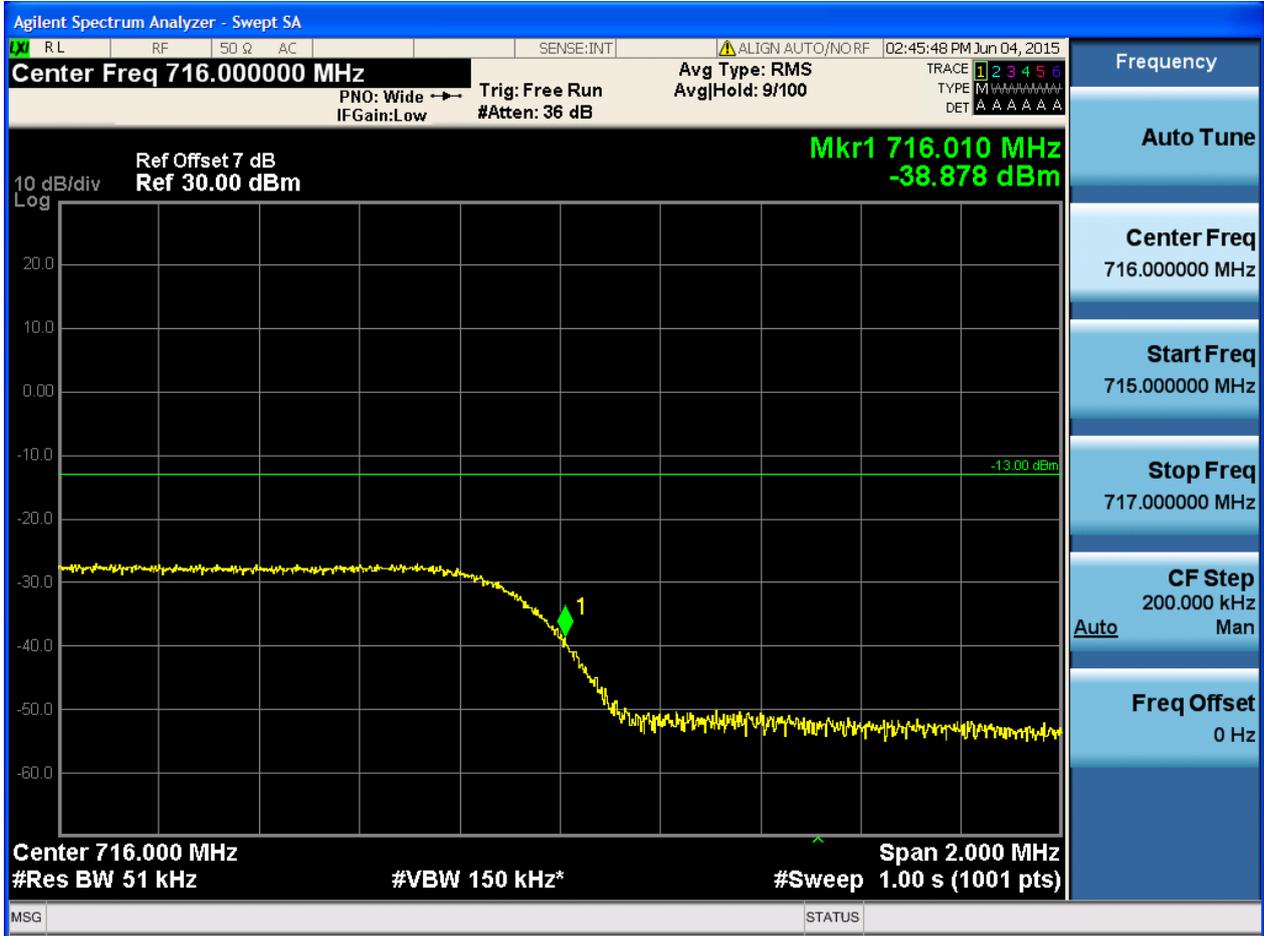
5.1.1.1.1.2.2 Test RB = RB1#24

5.1.1.1.1.2.3 Test RB = RB12#6

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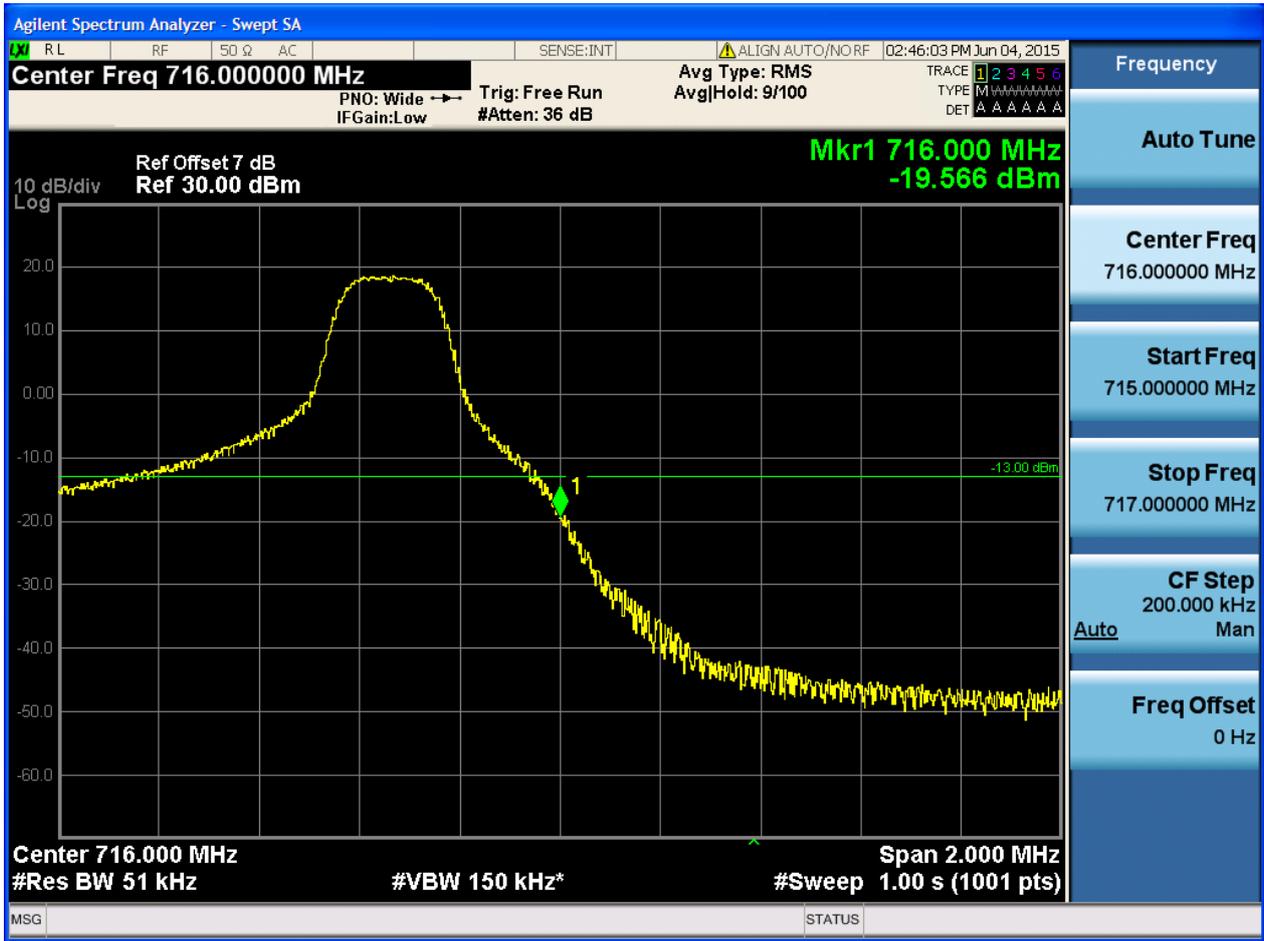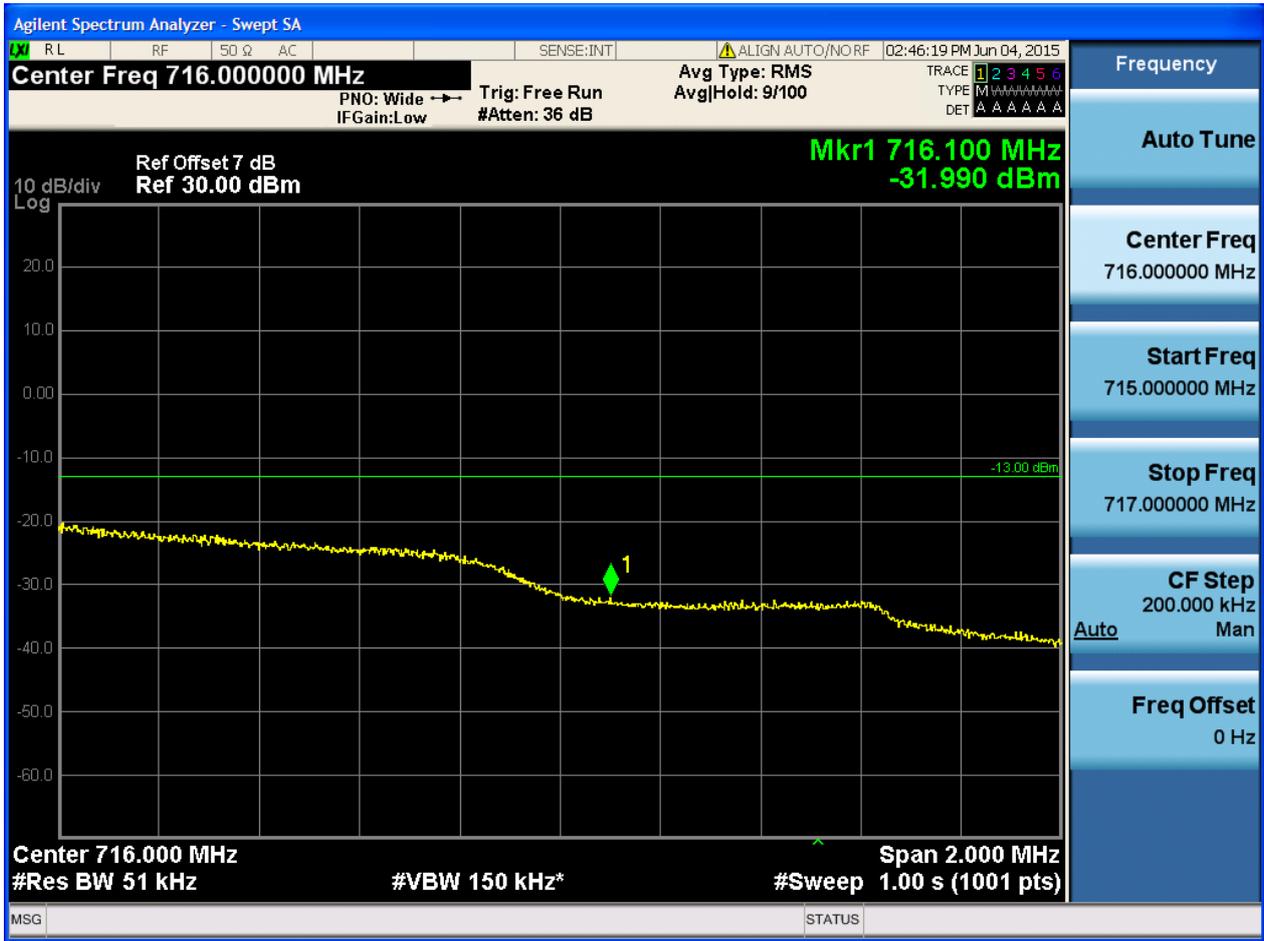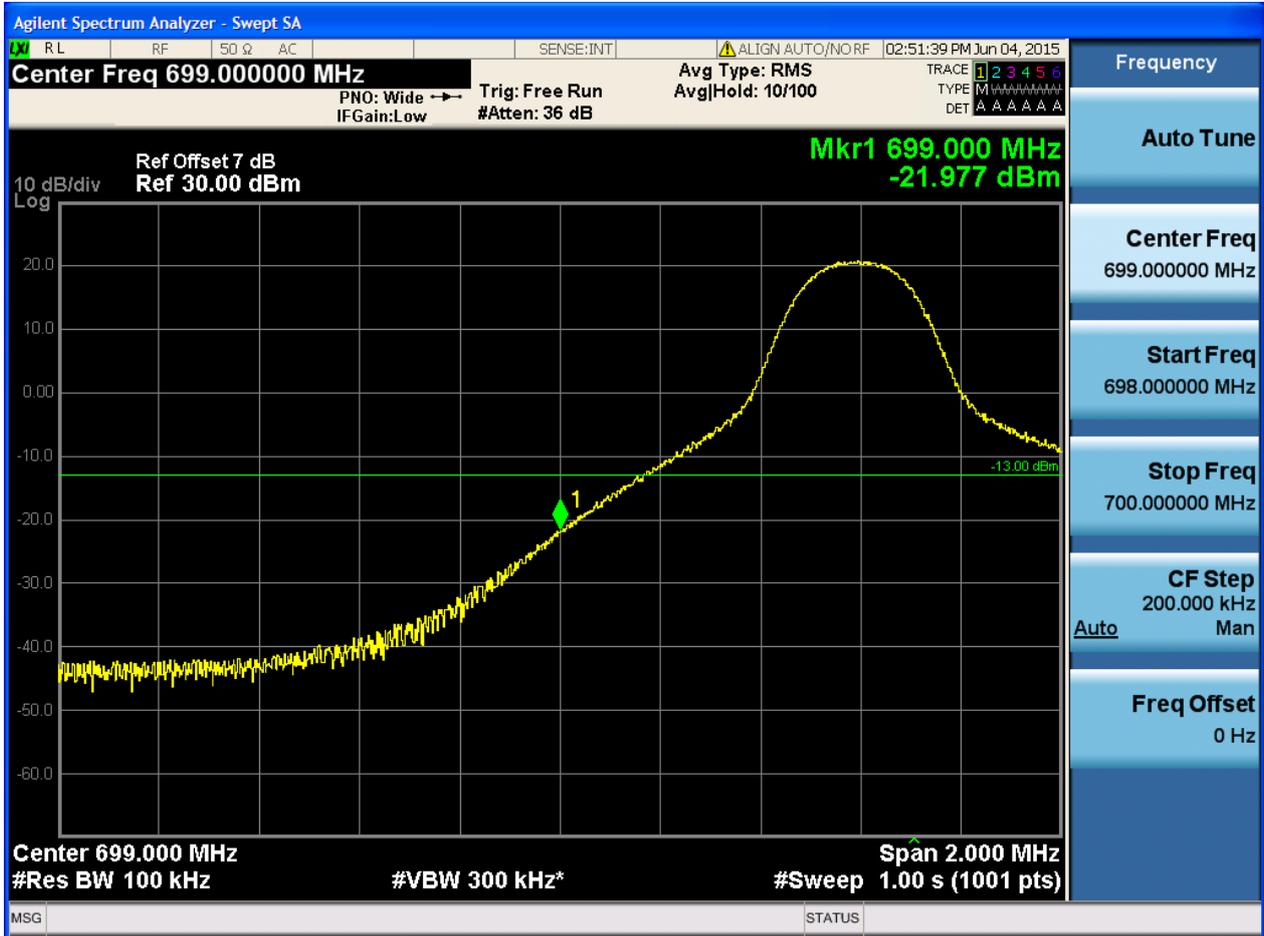
5.1.1.1.1.2.4 Test RB = RB25#0
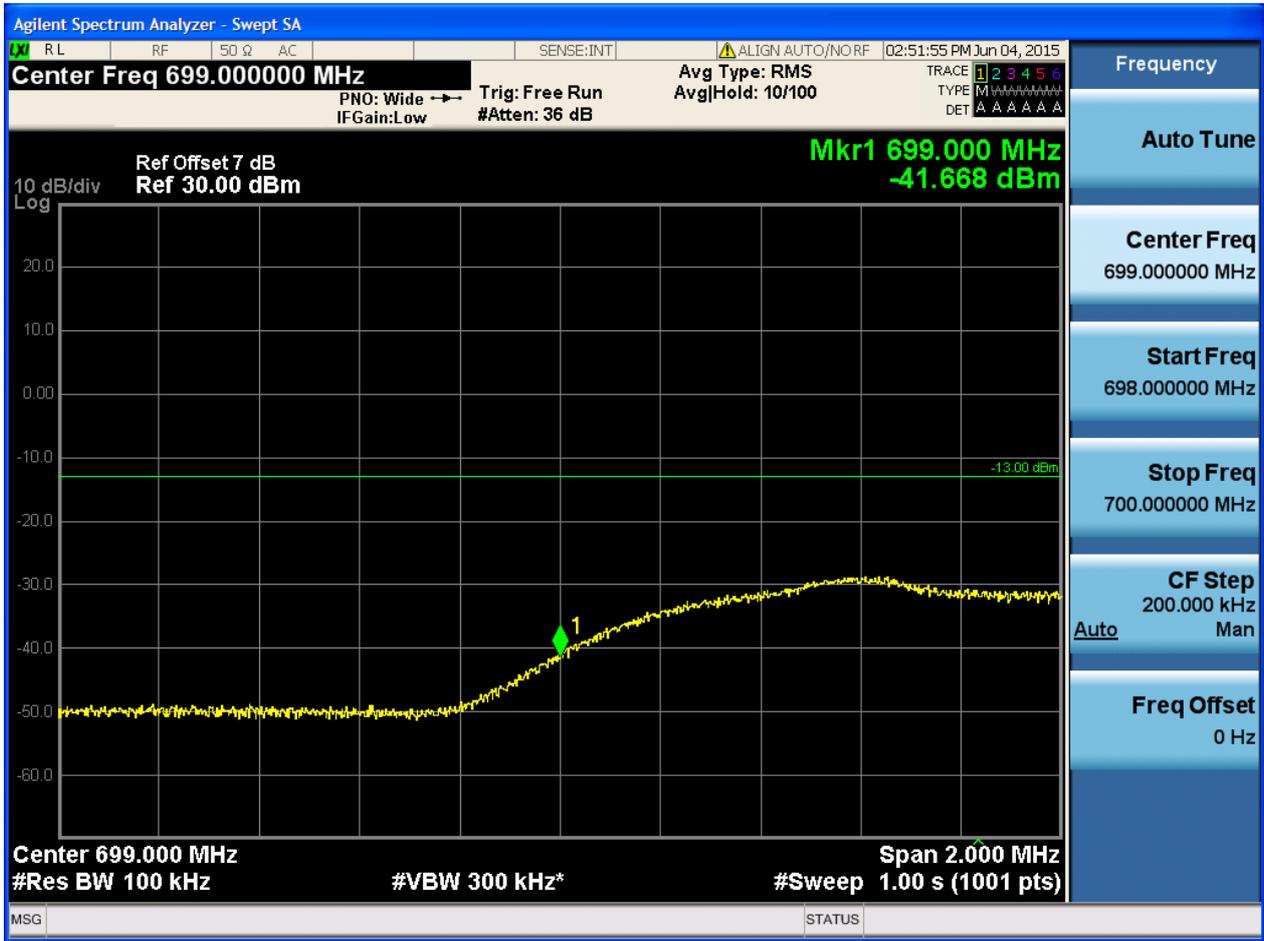
5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

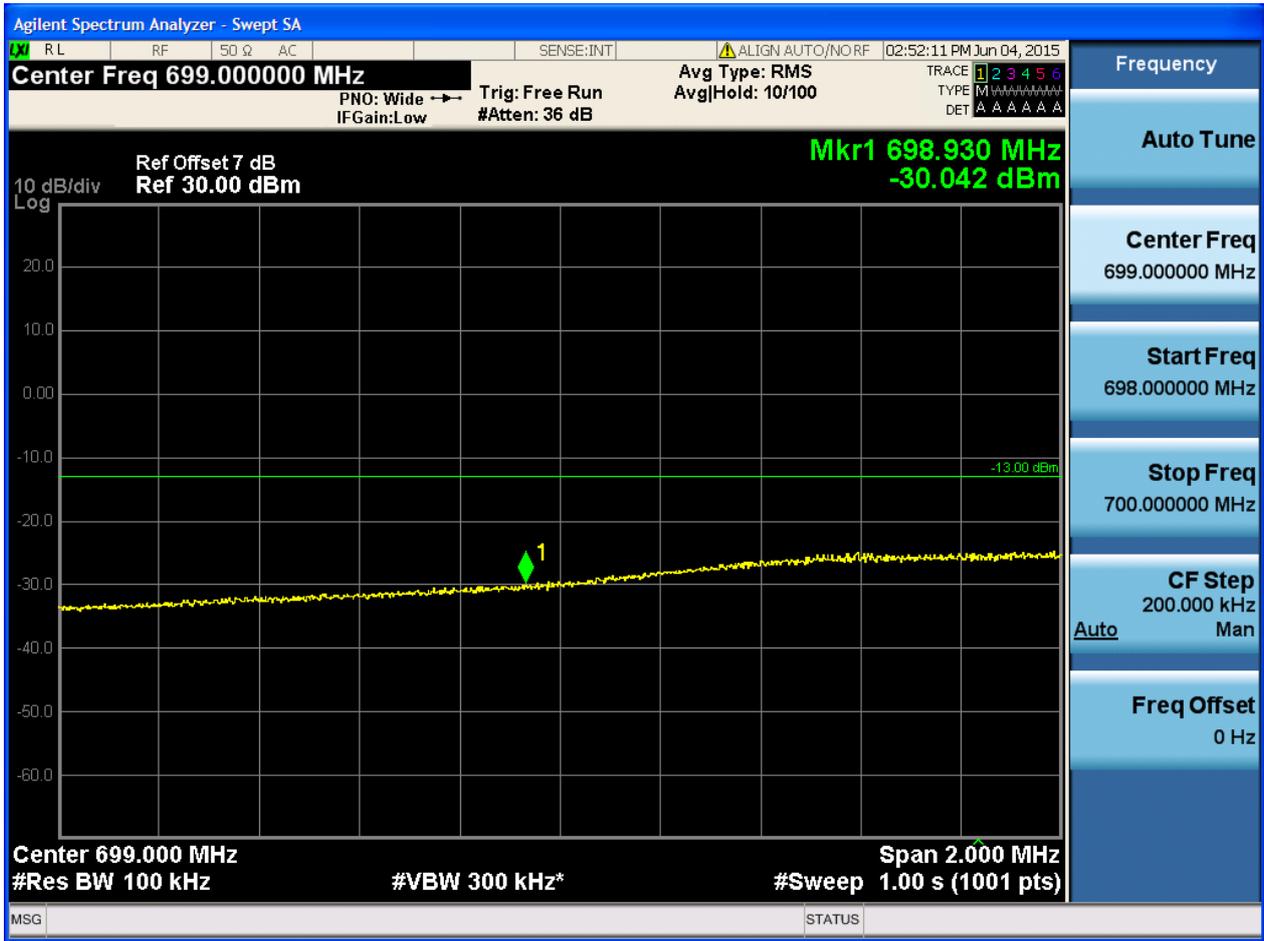## 5.1.1.1.2.1.1 Test RB = RB1#0
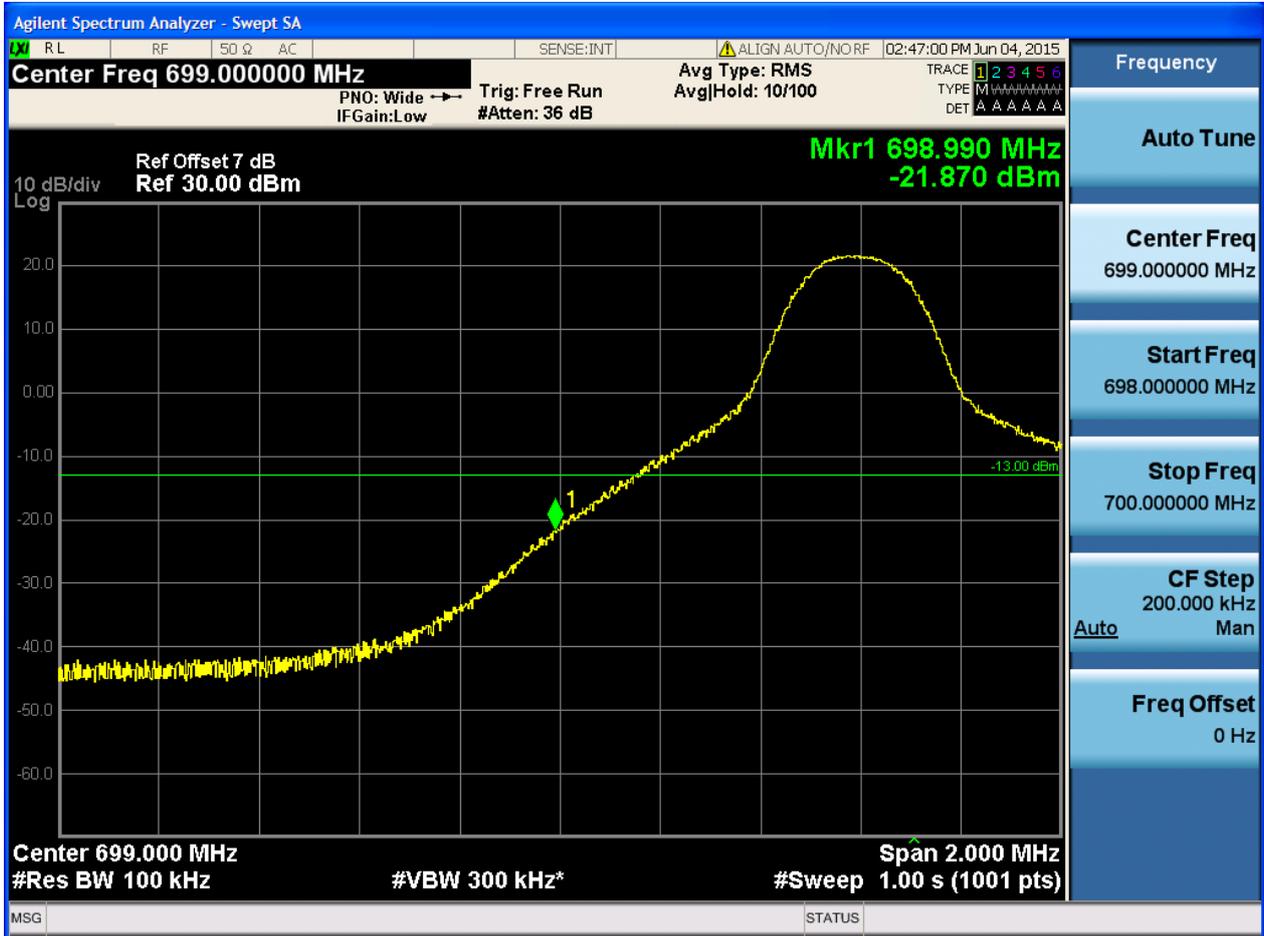
5.1.1.1.2.1.2 Test RB = RB1#49

5.1.1.1.2.1.3 Test RB = RB25#13
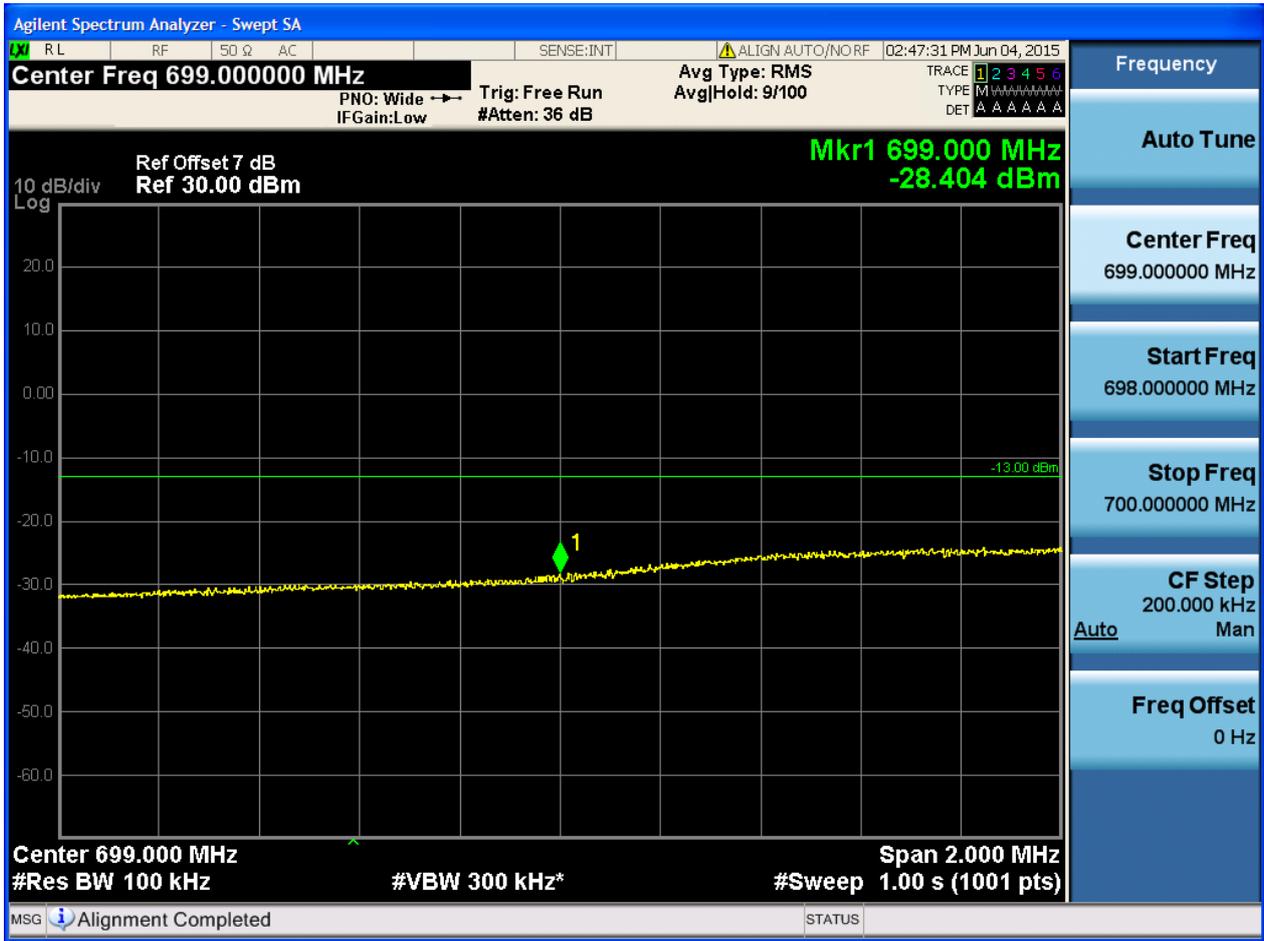
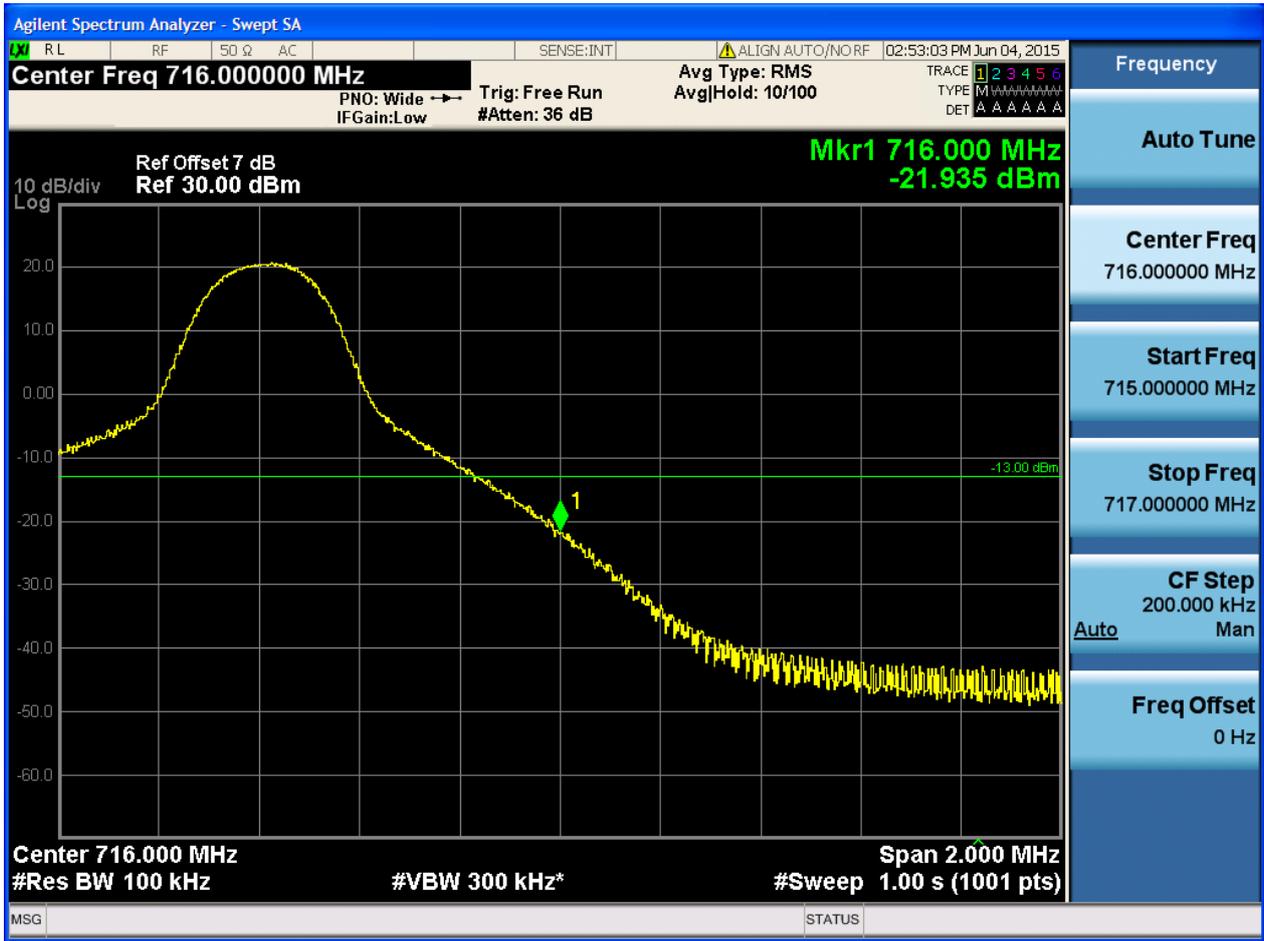## 5.1.1.1.2.1.4 Test RB = RB50#0

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#49

5.1.1.1.2.2.3 Test RB = RB25#13
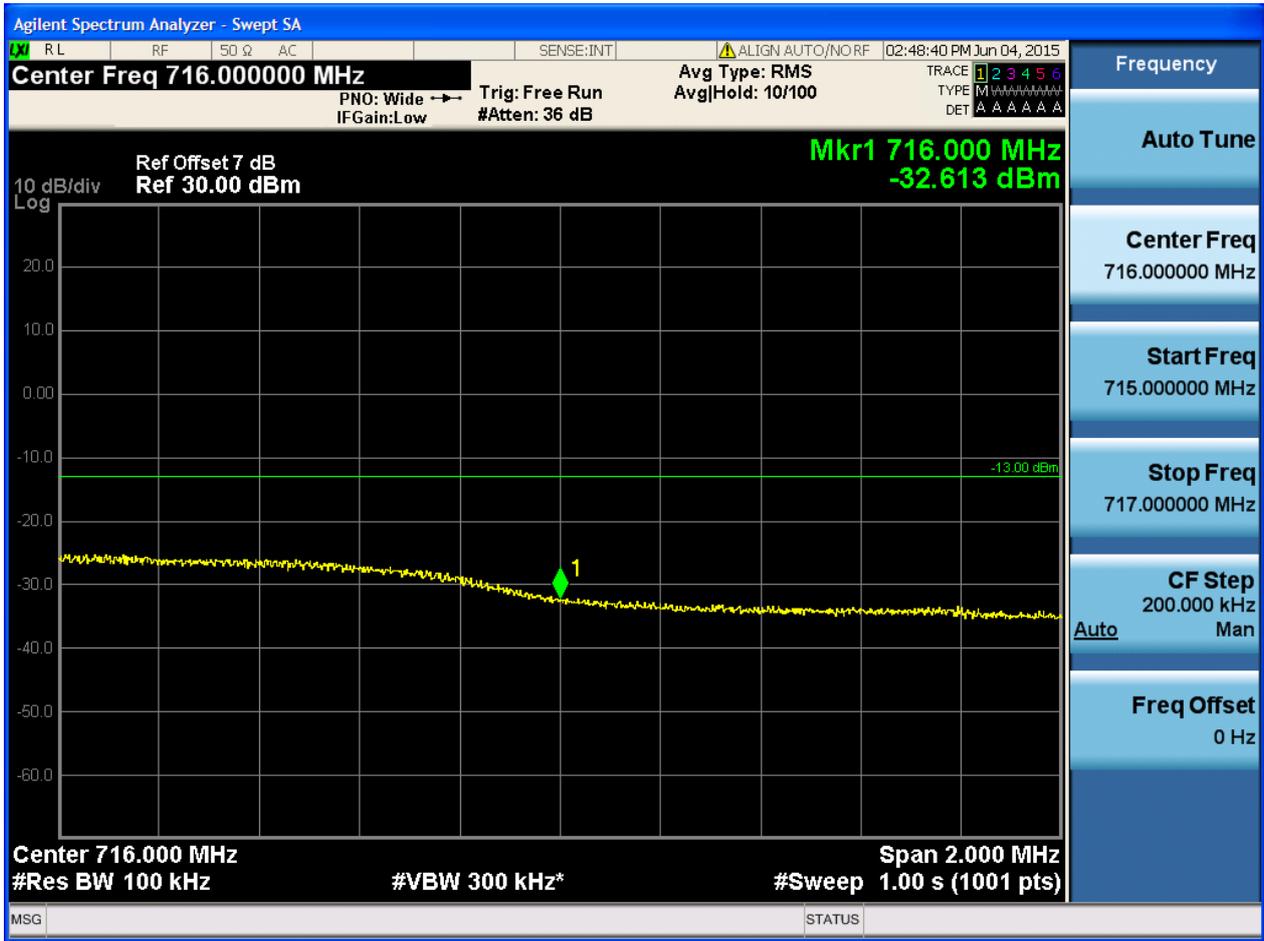
5.1.1.1.2.2.4 Test RB = RB50#0

5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5
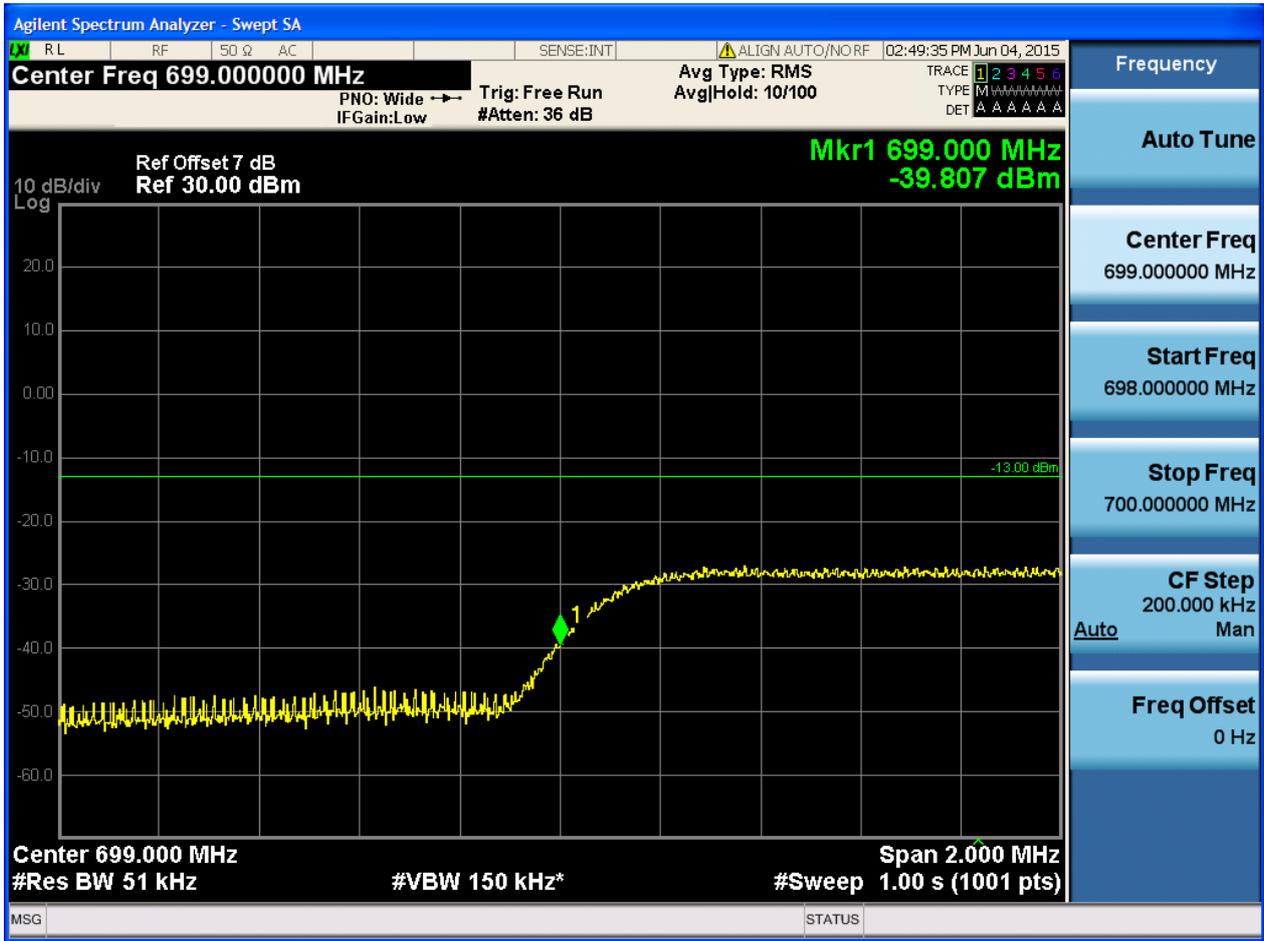
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0

5.1.1.2.1.1.2 Test RB = RB1#24
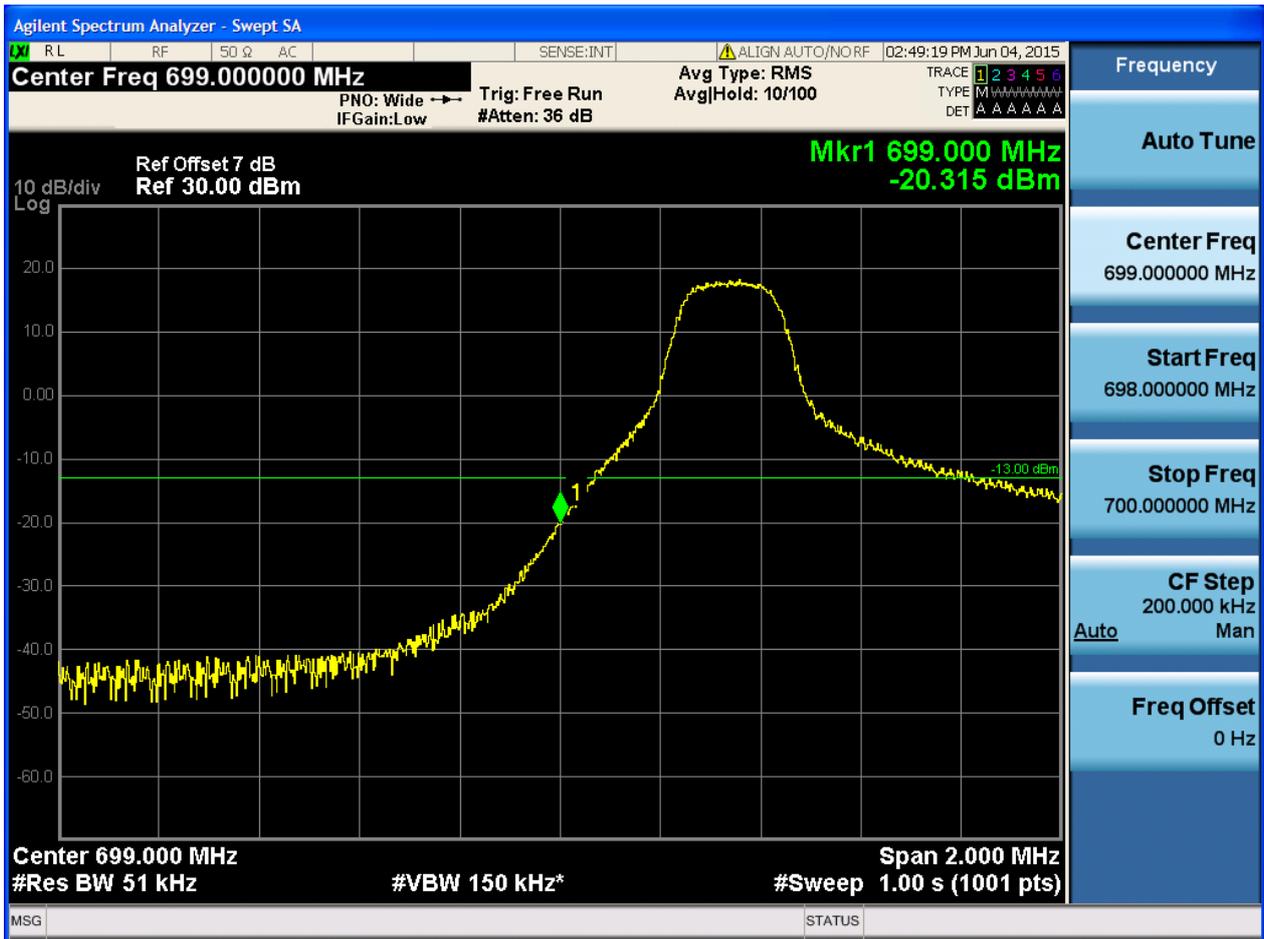
5.1.1.2.1.1.3 Test RB = RB12#6
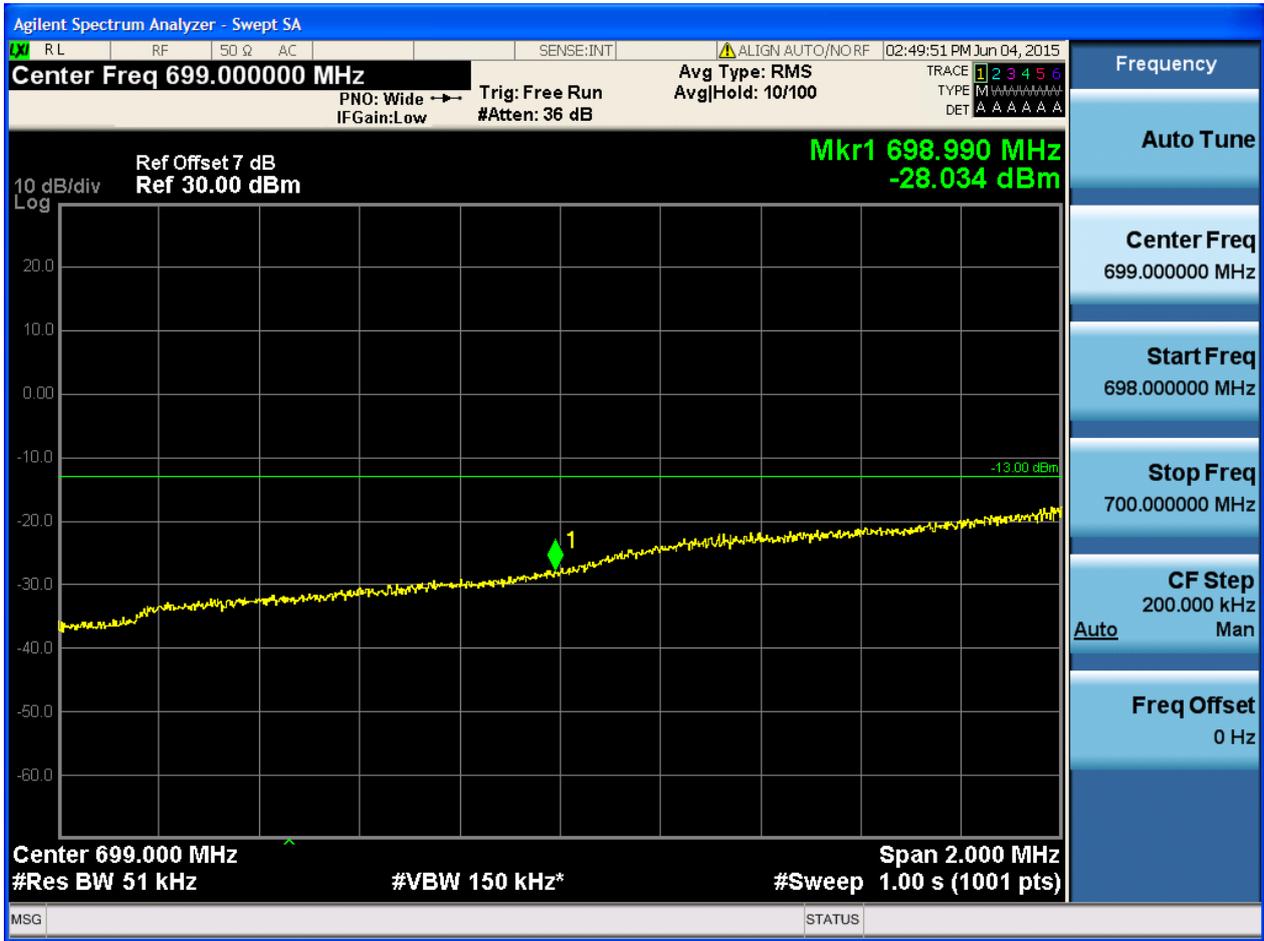
5.1.1.2.1.1.4 Test RB = RB25#0

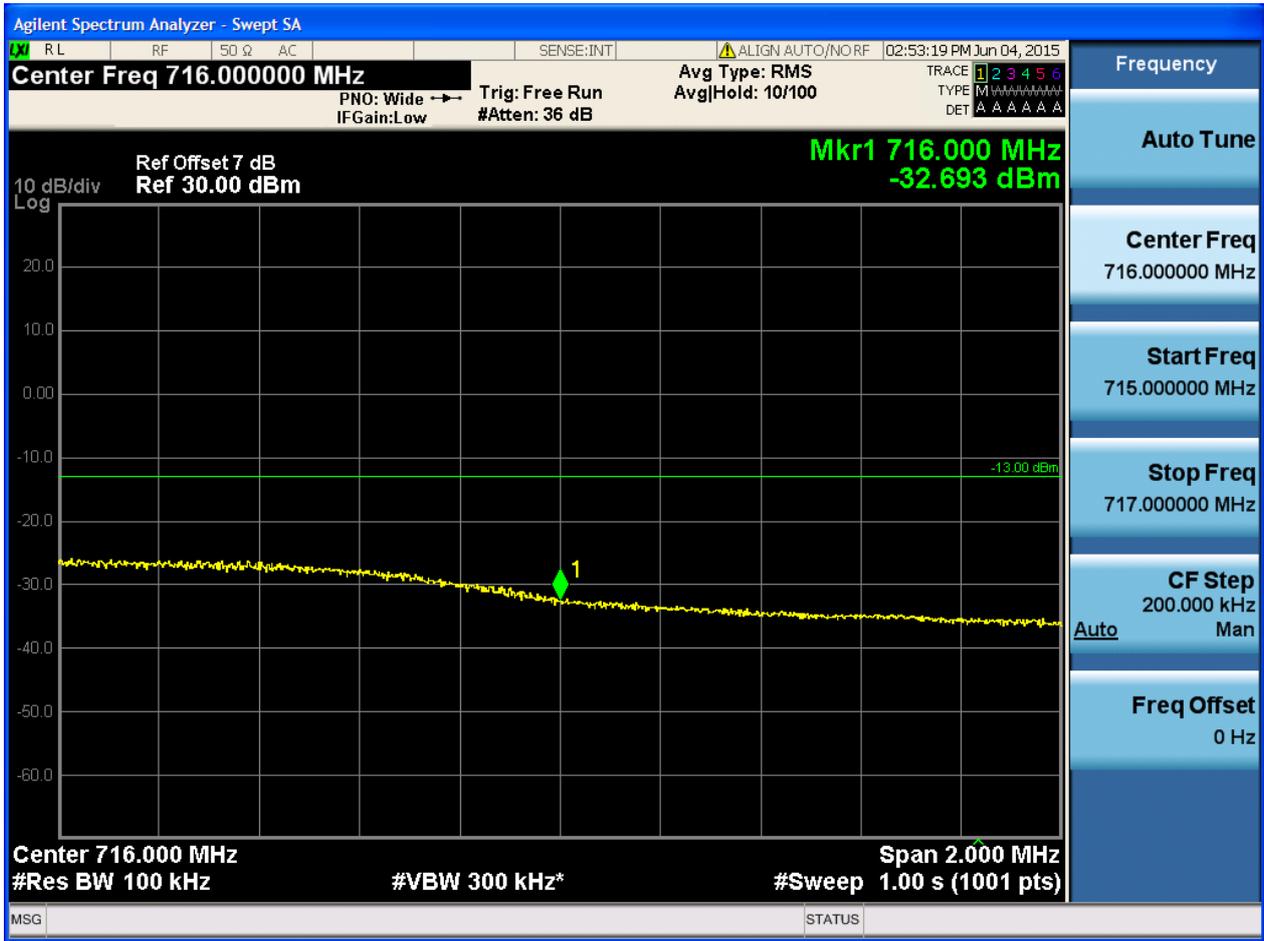## 5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

5.1.1.2.1.2.2 Test RB = RB1#24
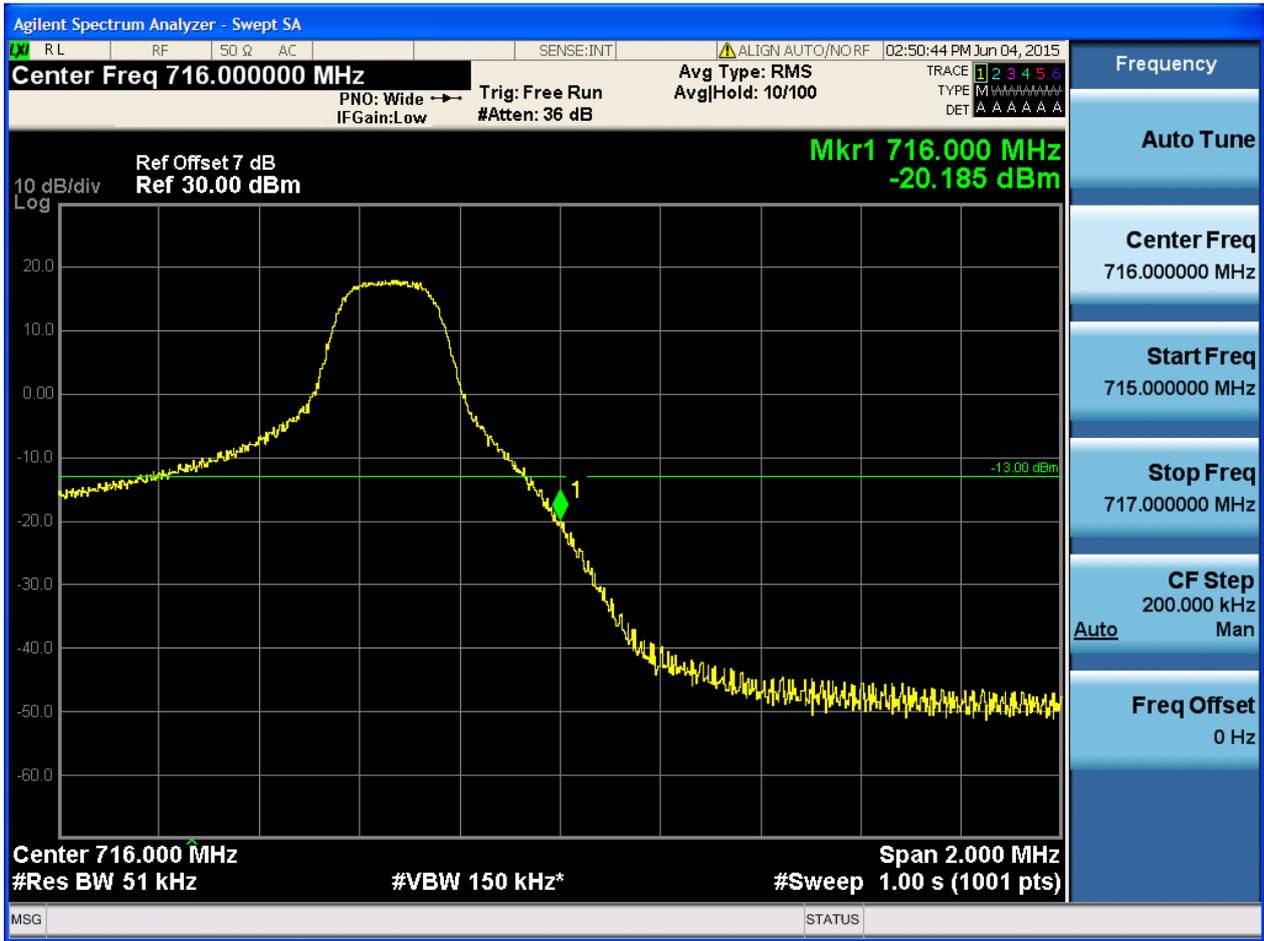
5.1.1.2.1.2.3 Test RB = RB12#6

5.1.1.2.1.2.4 Test RB = RB25#0

5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0

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5.1.1.2.2.1.2 Test RB = RB1#49

5.1.1.2.2.1.3 Test RB = RB25#13

5.1.1.2.2.1.4 Test RB = RB50#0

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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#49

5.1.1.2.2.2.3 Test RB = RB25#13

Agilent Spectrum Analyzer - Swept SA

Center Freq 716.000000 MHz	

Mkr1 716.000 MHz
-32.693 dBm

Ref Offset 7 dB
10 dB/div **Ref 30.00 dBm**
Log

20.0

10.0

0.00

-10.0   -13.00 dBm

-20.0

-30.0   1

-40.0

-50.0

-60.0

Center 716.000 MHz   Span 2.000 MHz
#Res BW 100 kHz   #VBW 300 kHz*   #Sweep 1.00 s (1001 pts)

SENSE:INT   ALIGN AUTO/NO RF   02:53:19 PM Jun 04, 2015
Avg Type: RMS   TRACE 1 2 3 4 5 6
Avg|Hold: 10/100   TYPE M
Trig: Free Run   DET A A A A A A
#Atten: 36 dB
PNO: Wide
IFGain:Low

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

MSG   STATUS

5.1.1.2.2.2.4 Test RB = RB50#0

5.2 For LTE

5.2.1 Test Band = BAND17

5.2.1.1 Test Mode = LTE/TM1

5.2.1.1.1 Test Bandwidth = 5

5.2.1.1.1.1 Test Channel = LCH
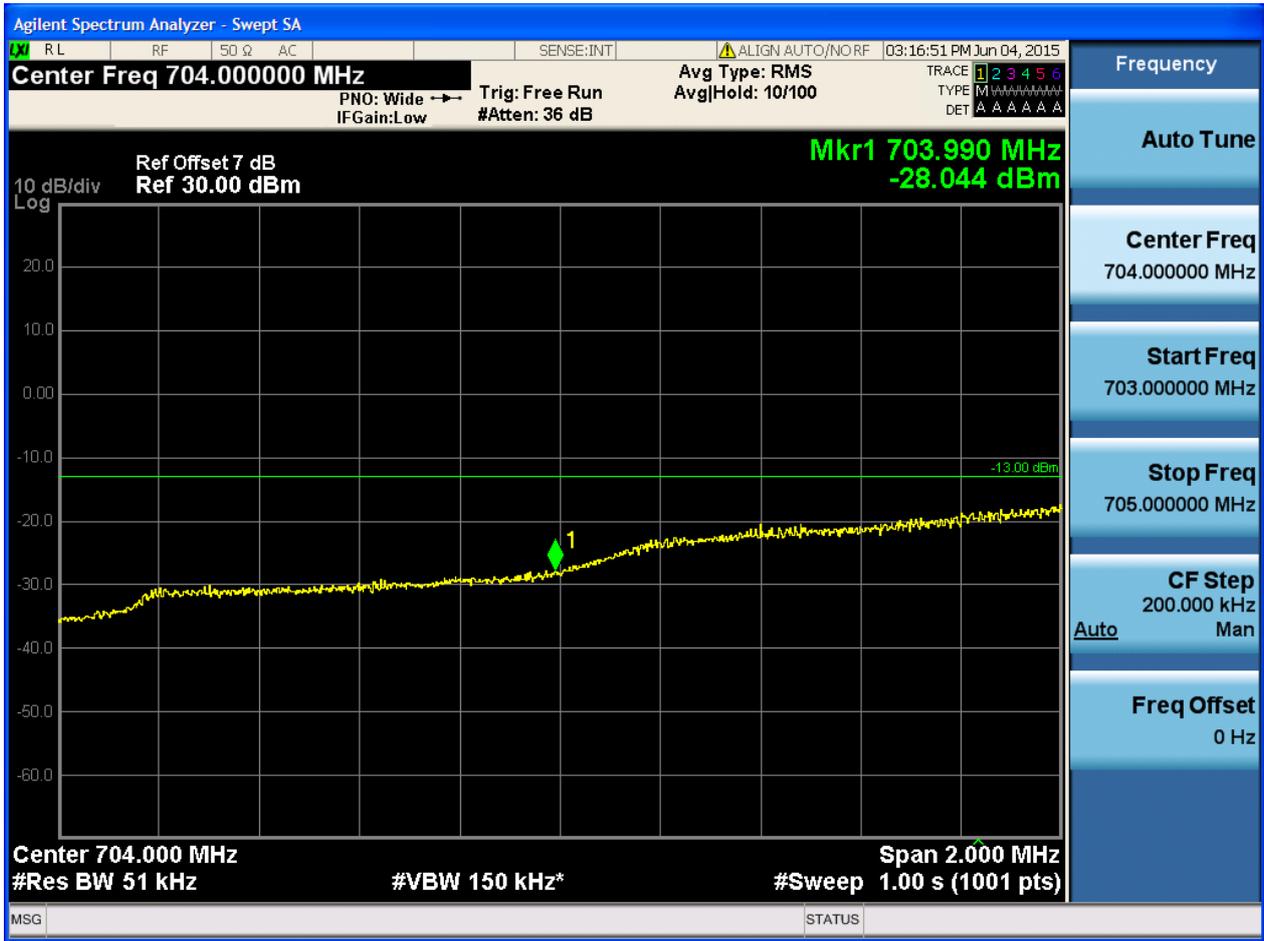
5.2.1.1.1.1.1 Test RB = RB1#0
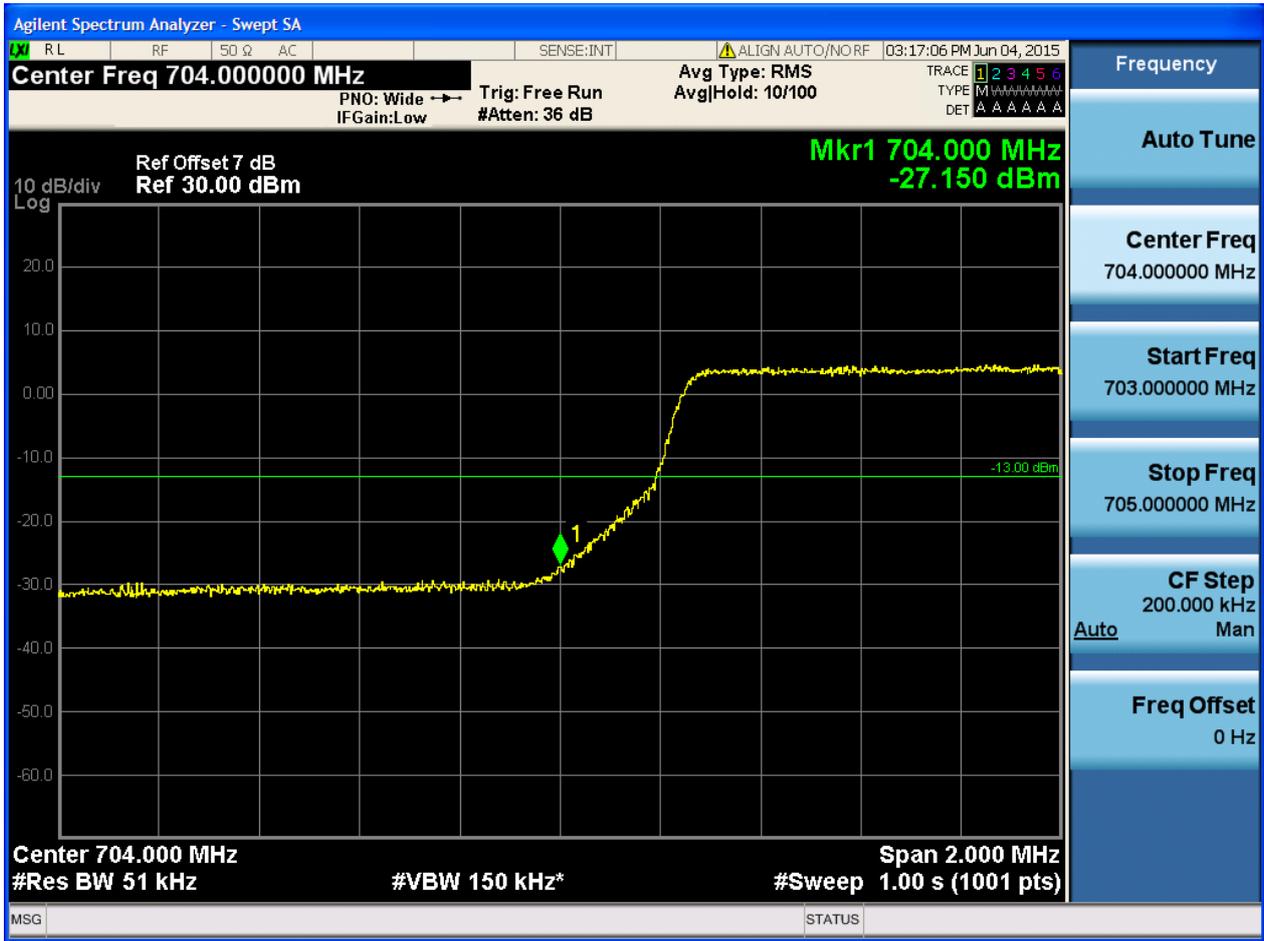
5.2.1.1.1.1.2 Test RB = RB1#24

5.2.1.1.1.1.3 Test RB = RB12#6

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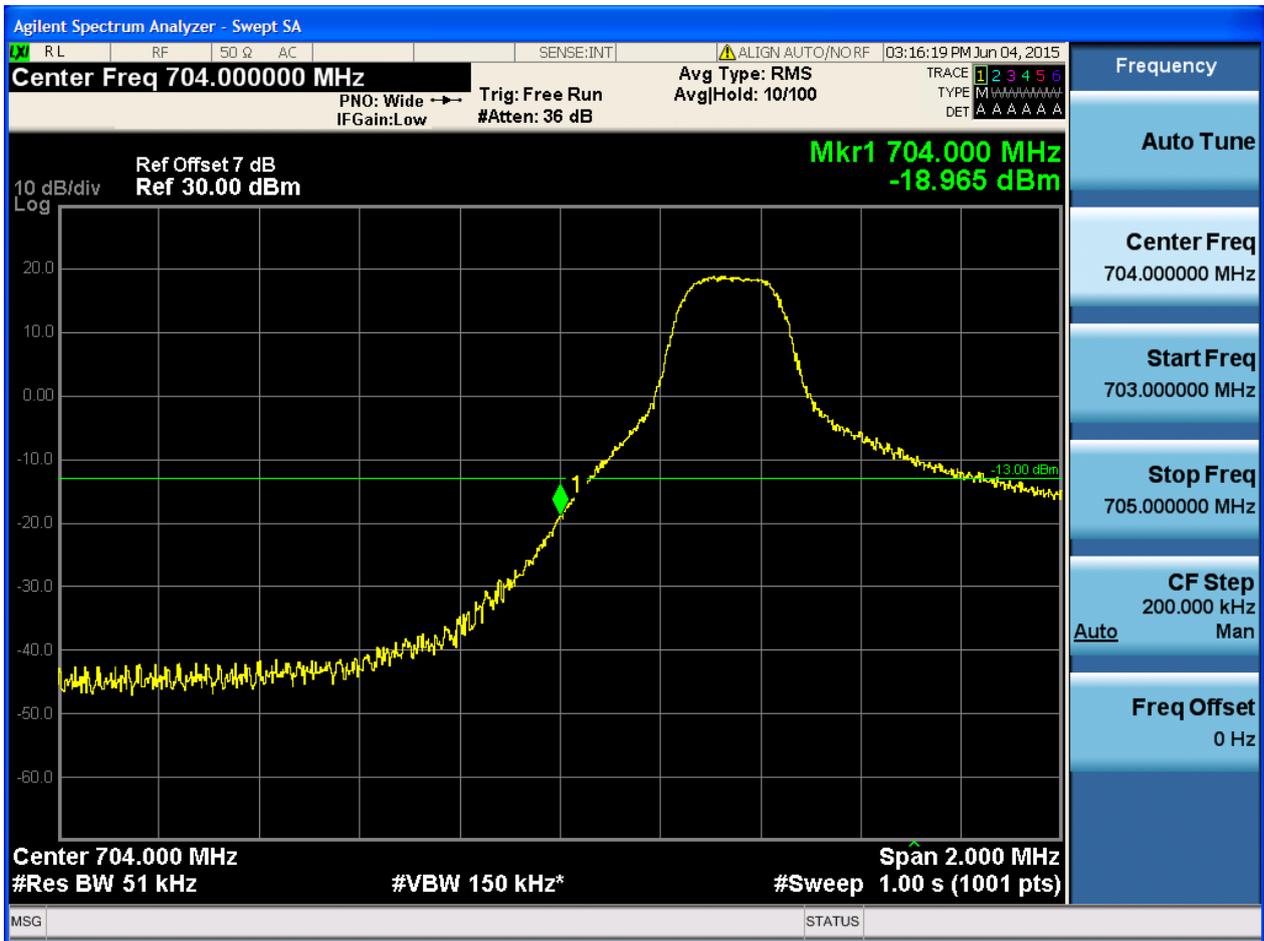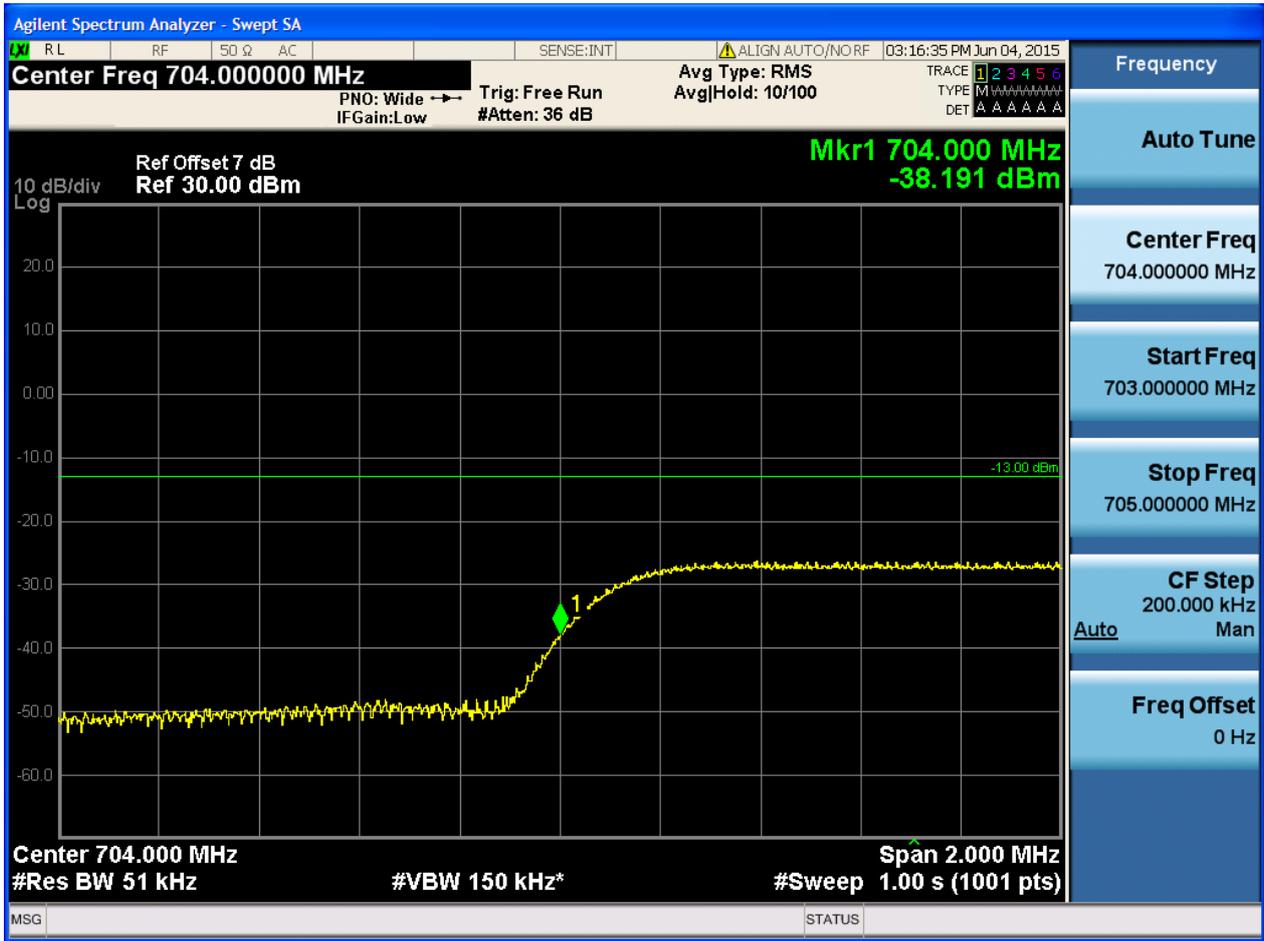
5.2.1.1.1.1.4 Test RB = RB25#0

5.2.1.1.1.2 Test Channel = HCH

5.2.1.1.1.2.1 Test RB = RB1#0
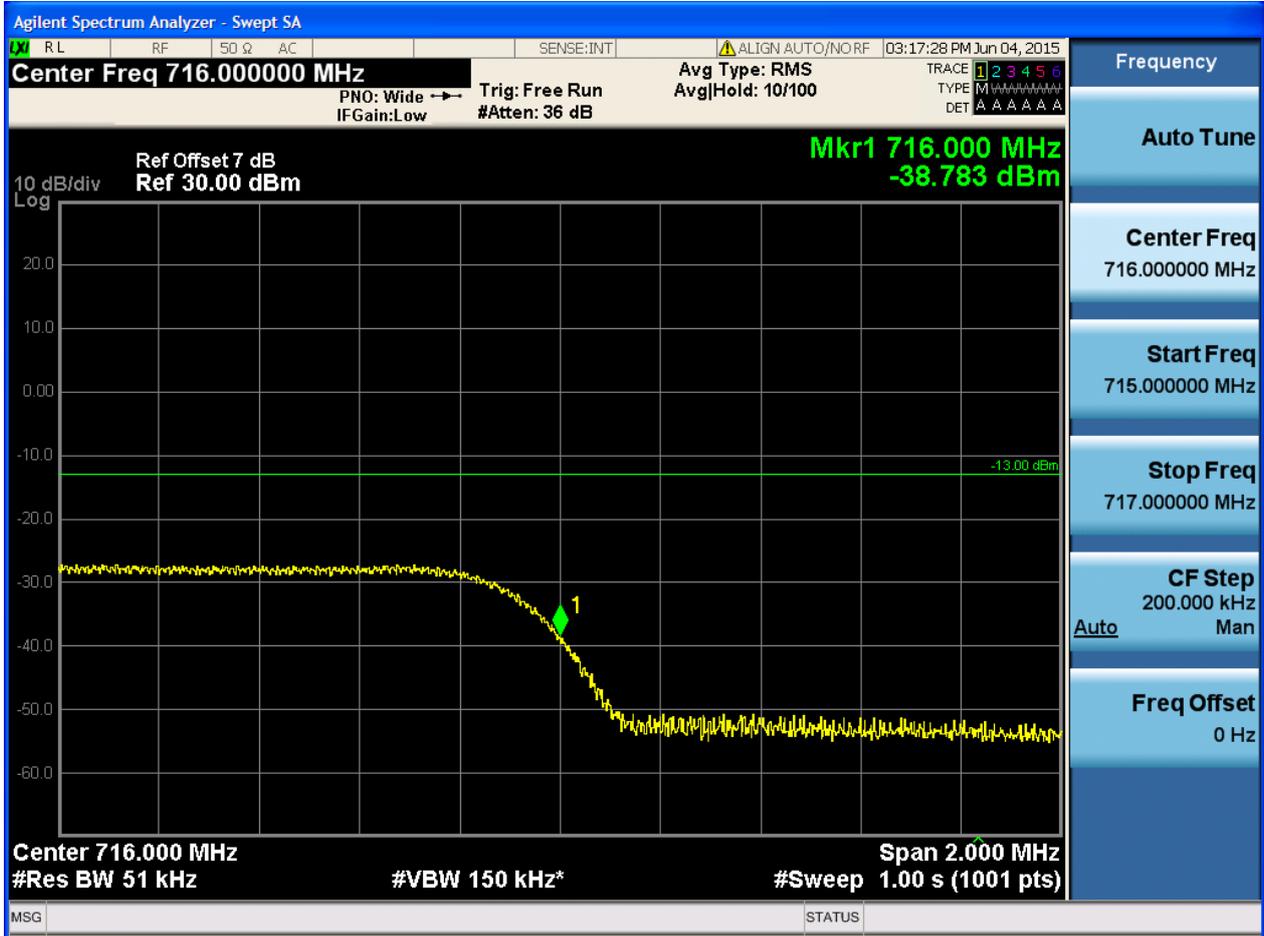
5.2.1.1.1.2.2 Test RB = RB1#24
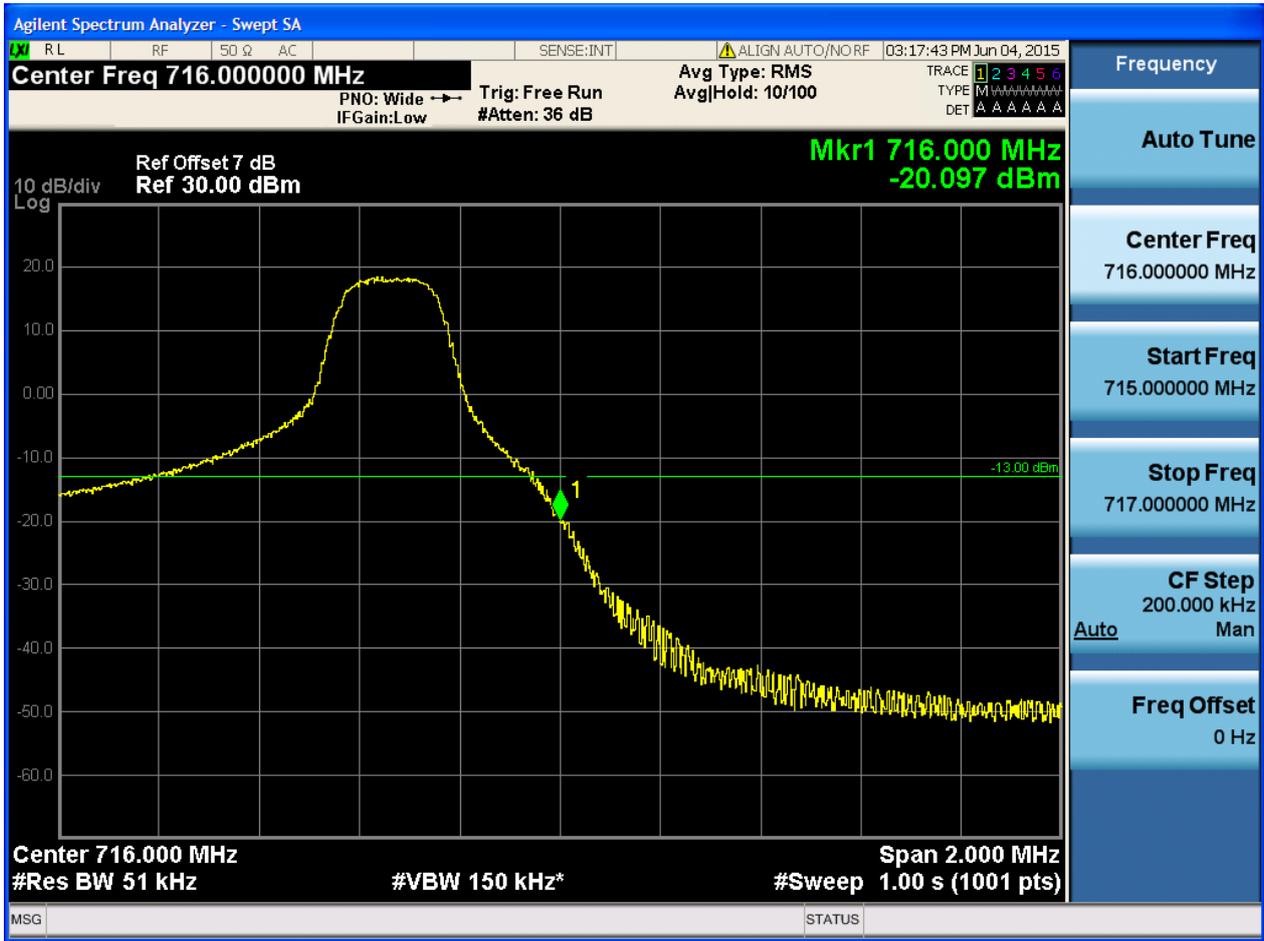
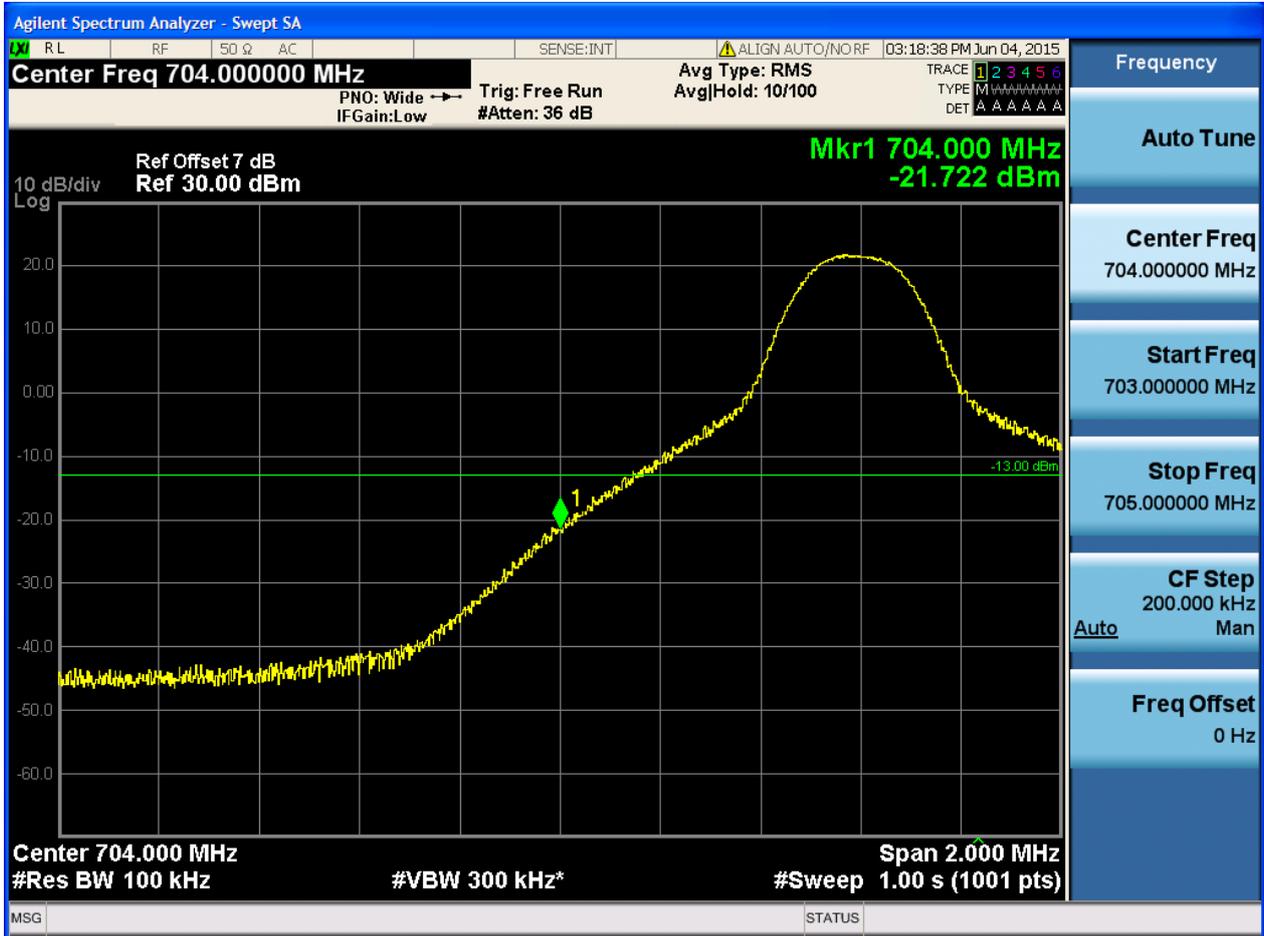## 5.2.1.1.1.2.3 Test RB = RB12#6

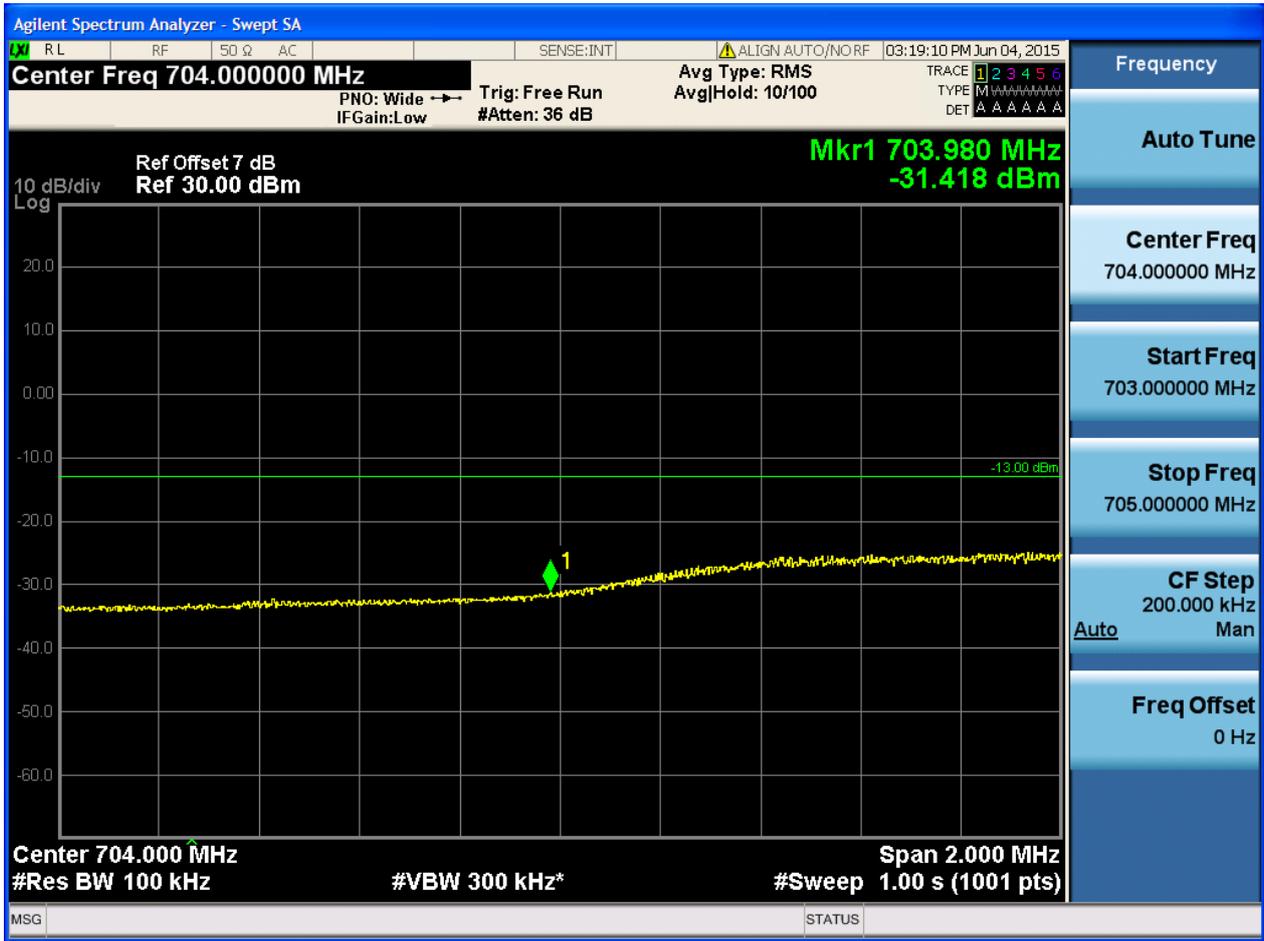## 5.2.1.1.1.2.4 Test RB = RB25#0

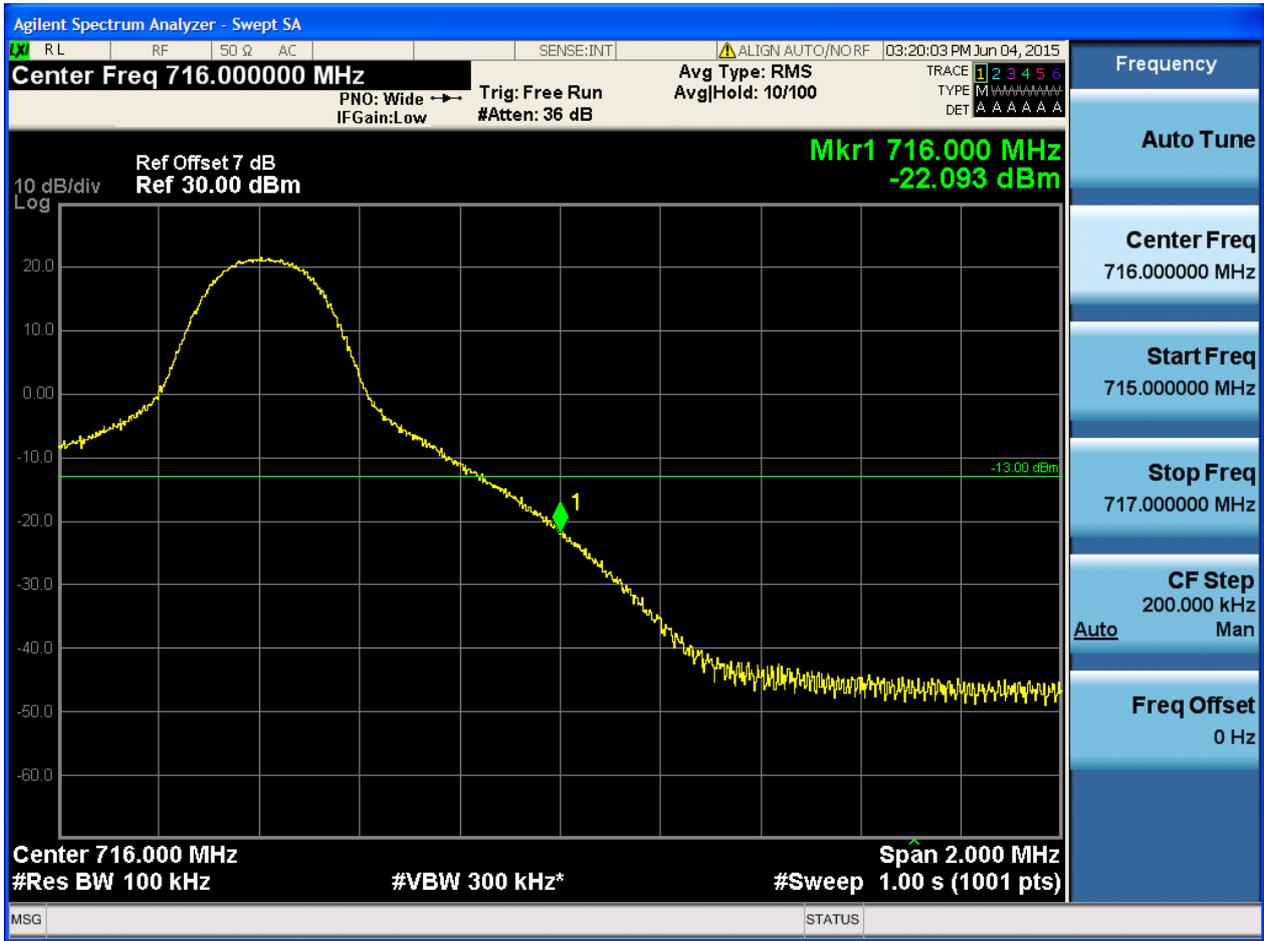### 5.2.1.1.2 Test Bandwidth = 10

5.2.1.1.2.1 Test Channel = LCH

5.2.1.1.2.1.1 Test RB = RB1#0

5.2.1.1.2.1.2 Test RB = RB1#49

5.2.1.1.2.1.3 Test RB = RB25#13

5.2.1.1.2.1.4 Test RB = RB50#0

5.2.1.1.2.2 Test Channel = HCH

5.2.1.1.2.2.1 Test RB = RB1#0

5.2.1.1.2.2.2 Test RB = RB1#49

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5.2.1.1.2.2.3 Test RB = RB25#13
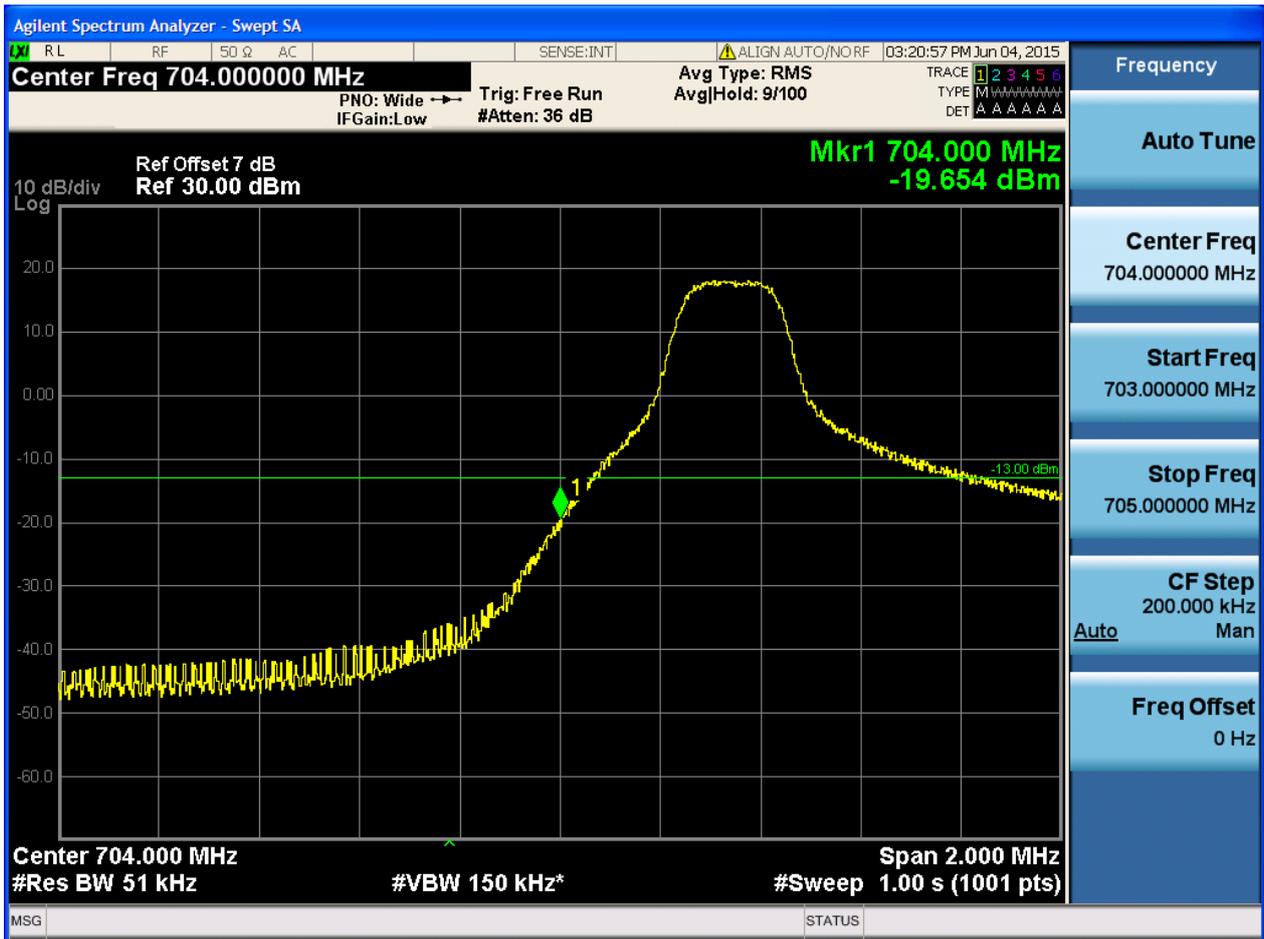
5.2.1.1.2.2.4 Test RB = RB50#0

5.2.1.2 Test Mode = LTE/TM2

5.2.1.2.1 Test Bandwidth = 5

5.2.1.2.1.1 Test Channel = LCH

5.2.1.2.1.1.1 Test RB = RB1#0

5.2.1.2.1.1.2 Test RB = RB1#24