



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	21.31	13.55	34.7	PASS
				RB1#3	21.54	13.78	34.7	PASS
				RB1#5	20.61	12.85	34.7	PASS
				RB3#0	20.61	12.85	34.7	PASS
				RB3#2	21.52	13.76	34.7	PASS
				RB3#3	21.5	13.74	34.7	PASS
				RB6#0	20.6	12.84	34.7	PASS
			MCH	RB1#0	21.95	14.19	34.7	PASS
				RB1#3	22.05	14.29	34.7	PASS
				RB1#5	21.92	14.16	34.7	PASS
				RB3#0	21.98	14.22	34.7	PASS
				RB3#2	21.97	14.21	34.7	PASS
				RB3#3	21.93	14.17	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP[dB m]	Limit [dBm]	Verdict
				RB6#0	21.12	13.36	34.7	PASS
			HCH	RB1#0	21.95	14.19	34.7	PASS
				RB1#3	21.99	14.23	34.7	PASS
				RB1#5	21.92	14.16	34.7	PASS
				RB3#0	22.01	14.25	34.7	PASS
				RB3#2	22	14.24	34.7	PASS
				RB3#3	21.95	14.19	34.7	PASS
				RB6#0	21.09	13.33	34.7	PASS
		3		LCH	RB1#0	21.08	13.32	34.7
			RB1#7		21.81	14.05	34.7	PASS
			RB1#14		21.7	13.94	34.7	PASS
			RB8#0		20.6	12.84	34.7	PASS
			RB8#4		20.86	13.1	34.7	PASS
			RB8#7		20.9	13.14	34.7	PASS
			RB15#0		20.74	12.98	34.7	PASS
			MCH	RB1#0	21.64	13.88	34.7	PASS
				RB1#7	22	14.24	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP[dB m]	Limit [dBm]	Verdict	
				RB1#14	21.68	13.92	34.7	PASS	
				RB8#0	21.08	13.32	34.7	PASS	
				RB8#4	21.16	13.4	34.7	PASS	
				RB8#7	21.03	13.27	34.7	PASS	
				RB15#0	21.09	13.33	34.7	PASS	
			HCH	RB1#0	21.87	14.11	34.7	PASS	
				RB1#7	22.16	14.4	34.7	PASS	
				RB1#14	21.76	14	34.7	PASS	
				RB8#0	21.13	13.37	34.7	PASS	
				RB8#4	21.16	13.4	34.7	PASS	
				RB8#7	21.02	13.26	34.7	PASS	
				RB15#0	21.12	13.36	34.7	PASS	
			5	LCH	RB1#0	21.07	13.31	34.7	PASS
					RB1#13	21.97	14.21	34.7	PASS
					RB1#24	21.53	13.77	34.7	PASS
RB12#0	20.65	12.89			34.7	PASS			
RB12#6	21.01	13.25			34.7	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP[dB m]	Limit [dBm]	Verdict
				RB12#13	20.94	13.18	34.7	PASS
				RB25#0	20.8	13.04	34.7	PASS
			MCH	RB1#0	21.69	13.93	34.7	PASS
				RB1#13	21.98	14.22	34.7	PASS
				RB1#24	21.57	13.81	34.7	PASS
				RB12#0	20.98	13.22	34.7	PASS
				RB12#6	21.08	13.32	34.7	PASS
				RB12#13	20.91	13.15	34.7	PASS
				RB25#0	20.97	13.21	34.7	PASS
				HCH	RB1#0	21.69	13.93	34.7
			RB1#13		22.08	14.32	34.7	PASS
			RB1#24		21.63	13.87	34.7	PASS
			RB12#0		21.01	13.25	34.7	PASS
			RB12#6		21.16	13.4	34.7	PASS
			RB12#13		20.95	13.19	34.7	PASS
			RB25#0		20.99	13.23	34.7	PASS
		10	LCH	RB1#0	20.91	13.15	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP[dB m]	Limit [dBm]	Verdict
				RB1#25	21.97	14.21	34.7	PASS
				RB1#49	21.21	13.45	34.7	PASS
				RB25#0	20.72	12.96	34.7	PASS
				RB25#13	20.97	13.21	34.7	PASS
				RB25#25	20.68	12.92	34.7	PASS
				RB50#0	20.66	12.9	34.7	PASS
			MCH	RB1#0	21.5	13.74	34.7	PASS
				RB1#25	22	14.24	34.7	PASS
				RB1#49	21.2	13.44	34.7	PASS
				RB25#0	20.81	13.05	34.7	PASS
				RB25#13	20.96	13.2	34.7	PASS
				RB25#25	20.6	12.84	34.7	PASS
				RB50#0	20.78	13.02	34.7	PASS
			HCH	RB1#0	21.44	13.68	34.7	PASS
				RB1#25	22	14.24	34.7	PASS
				RB1#49	21.24	13.48	34.7	PASS
				RB25#0	20.83	13.07	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP[dB m]	Limit [dBm]	Verdict
				RB25#13	20.93	13.17	34.7	PASS
				RB25#25	20.72	12.96	34.7	PASS
				RB50#0	20.72	12.96	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	20.51	12.75	34.7	PASS
				RB1#3	20.85	13.09	34.7	PASS
				RB1#5	20.73	12.97	34.7	PASS
				RB3#0	20.6	12.84	34.7	PASS
				RB3#2	20.73	12.97	34.7	PASS
				RB3#3	20.73	12.97	34.7	PASS
				RB6#0	19.65	11.89	34.7	PASS
			MCH	RB1#0	20.98	13.22	34.7	PASS
				RB1#3	21.46	13.7	34.7	PASS
				RB1#5	20.97	13.21	34.7	PASS
				RB3#0	21.15	13.39	34.7	PASS
				RB3#2	21.18	13.42	34.7	PASS
				RB3#3	21.14	13.38	34.7	PASS
				RB6#0	20.18	12.42	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP[dB m]	Limit [dBm]	Verdict
			HCH	RB1#0	21.18	13.42	34.7	PASS
				RB1#3	21.32	13.56	34.7	PASS
				RB1#5	21.32	13.56	34.7	PASS
				RB3#0	21.17	13.41	34.7	PASS
				RB3#2	21.15	13.39	34.7	PASS
				RB3#3	21.18	13.42	34.7	PASS
				RB6#0	20.17	12.41	34.7	PASS
		3	LCH	RB1#0	20.2	12.44	34.7	PASS
				RB1#7	20.96	13.2	34.7	PASS
				RB1#14	20.93	13.17	34.7	PASS
				RB8#0	19.62	11.86	34.7	PASS
				RB8#4	19.85	12.09	34.7	PASS
				RB8#7	19.93	12.17	34.7	PASS
				RB15#0	19.8	12.04	34.7	PASS
			MCH	RB1#0	21.01	13.25	34.7	PASS
				RB1#7	21.39	13.63	34.7	PASS
				RB1#14	20.99	13.23	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP[dB m]	Limit [dBm]	Verdict
				RB8#0	20.07	12.31	34.7	PASS
				RB8#4	20.08	12.32	34.7	PASS
				RB8#7	19.95	12.19	34.7	PASS
				RB15#0	20.03	12.27	34.7	PASS
			HCH	RB1#0	21.11	13.35	34.7	PASS
				RB1#7	21.36	13.6	34.7	PASS
				RB1#14	21.1	13.34	34.7	PASS
				RB8#0	20.09	12.33	34.7	PASS
				RB8#4	20.13	12.37	34.7	PASS
				RB8#7	20.15	12.39	34.7	PASS
				RB15#0	20.09	12.33	34.7	PASS
		5		LCH	RB1#0	20.19	12.43	34.7
			RB1#13		21.16	13.4	34.7	PASS
			RB1#24		20.71	12.95	34.7	PASS
			RB12#0		19.7	11.94	34.7	PASS
			RB12#6		19.99	12.23	34.7	PASS
			RB12#13		19.92	12.16	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB25#0	19.74	11.98	34.7	PASS
			MCH	RB1#0	20.94	13.18	34.7	PASS
				RB1#13	21.23	13.47	34.7	PASS
				RB1#24	20.69	12.93	34.7	PASS
				RB12#0	19.99	12.23	34.7	PASS
				RB12#6	20.09	12.33	34.7	PASS
				RB12#13	19.9	12.14	34.7	PASS
				RB25#0	19.93	12.17	34.7	PASS
				HCH	RB1#0	20.82	13.06	34.7
			RB1#13		21.23	13.47	34.7	PASS
			RB1#24		20.86	13.1	34.7	PASS
			RB12#0		20.01	12.25	34.7	PASS
			RB12#6		20.1	12.34	34.7	PASS
			RB12#13		19.92	12.16	34.7	PASS
			RB25#0		19.98	12.22	34.7	PASS
		10	LCH		RB1#0	20.09	12.33	34.7
				RB1#25	21.2	13.44	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB1#49	20.34	12.58	34.7	PASS
				RB25#0	19.65	11.89	34.7	PASS
				RB25#13	19.91	12.15	34.7	PASS
				RB25#25	19.62	11.86	34.7	PASS
				RB50#0	19.64	11.88	34.7	PASS
			MCH	RB1#0	20.67	12.91	34.7	PASS
				RB1#25	21.22	13.46	34.7	PASS
				RB1#49	20.36	12.6	34.7	PASS
				RB25#0	19.74	11.98	34.7	PASS
				RB25#13	19.91	12.15	34.7	PASS
				RB25#25	19.58	11.82	34.7	PASS
				RB50#0	19.76	12	34.7	PASS
			HCH	RB1#0	20.66	12.9	34.7	PASS
				RB1#25	21.15	13.39	34.7	PASS
				RB1#49	20.46	12.7	34.7	PASS
				RB25#0	19.77	12.01	34.7	PASS
				RB25#13	19.9	12.14	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB25#25	19.69	11.93	34.7	PASS
				RB50#0	19.72	11.96	34.7	PASS
BAND17	LTE/TM1	5	LCH	RB1#0	21.98	14.22	34.7	PASS
				RB1#13	22.42	14.66	34.7	PASS
				RB1#24	22	14.24	34.7	PASS
				RB12#0	21.28	13.52	34.7	PASS
				RB12#6	21.48	13.72	34.7	PASS
				RB12#13	21.27	13.51	34.7	PASS
				RB25#0	21.28	13.52	34.7	PASS
			MCH	RB1#0	22.1	14.34	34.7	PASS
				RB1#13	22.38	14.62	34.7	PASS
				RB1#24	21.95	14.19	34.7	PASS
				RB12#0	21.25	13.49	34.7	PASS
				RB12#6	21.36	13.6	34.7	PASS
				RB12#13	21.28	13.52	34.7	PASS
				RB25#0	21.3	13.54	34.7	PASS
HCH	RB1#0	22.09	14.33	34.7	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB1#13	22.48	14.72	34.7	PASS
				RB1#24	22.13	14.37	34.7	PASS
				RB12#0	21.5	13.74	34.7	PASS
				RB12#6	21.6	13.84	34.7	PASS
				RB12#13	21.45	13.69	34.7	PASS
				RB25#0	21.42	13.66	34.7	PASS
		10	LCH	RB1#0	21.85	14.09	34.7	PASS
				RB1#25	22.37	14.61	34.7	PASS
				RB1#49	21.86	14.1	34.7	PASS
				RB25#0	21.16	13.4	34.7	PASS
				RB25#13	21.25	13.49	34.7	PASS
				RB25#25	21.07	13.31	34.7	PASS
				RB50#0	21.06	13.3	34.7	PASS
				MCH	RB1#0	21.84	14.08	34.7
		RB1#25	22.34		14.58	34.7	PASS	
		RB1#49	21.78		14.02	34.7	PASS	
RB25#0	21.15	13.39	34.7		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB25#13	21.27	13.51	34.7	PASS
				RB25#25	21.12	13.36	34.7	PASS
				RB50#0	21.09	13.33	34.7	PASS
			HCH	RB1#0	21.89	14.13	34.7	PASS
				RB1#25	22.35	14.59	34.7	PASS
				RB1#49	21.74	13.98	34.7	PASS
				RB25#0	21.12	13.36	34.7	PASS
				RB25#13	21.33	13.57	34.7	PASS
				RB25#25	21.16	13.4	34.7	PASS
				RB50#0	21.13	13.37	34.7	PASS
				LCH	RB1#0	21.13	13.37	34.7
			RB1#13		21.66	13.9	34.7	PASS
			RB1#24		21.23	13.47	34.7	PASS
			RB12#0		20.3	12.54	34.7	PASS
			RB12#6		20.43	12.67	34.7	PASS
RB12#13	20.24	12.48	34.7		PASS			
RB25#0	20.18	12.42	34.7		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.35	13.59	34.7	PASS
				RB1#13	21.59	13.83	34.7	PASS
				RB1#24	21.25	13.49	34.7	PASS
				RB12#0	20.23	12.47	34.7	PASS
				RB12#6	20.35	12.59	34.7	PASS
				RB12#13	20.2	12.44	34.7	PASS
				RB25#0	20.19	12.43	34.7	PASS
			HCH	RB1#0	21.38	13.62	34.7	PASS
				RB1#13	21.8	14.04	34.7	PASS
				RB1#24	21.45	13.69	34.7	PASS
				RB12#0	20.48	12.72	34.7	PASS
				RB12#6	20.57	12.81	34.7	PASS
				RB12#13	20.41	12.65	34.7	PASS
				RB25#0	20.29	12.53	34.7	PASS
		10	LCH	RB1#0	20.88	13.12	34.7	PASS
RB1#25	21.45			13.69	34.7	PASS		
RB1#49	20.98			13.22	34.7	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB25#0	20.07	12.31	34.7	PASS
				RB25#13	20.23	12.47	34.7	PASS
				RB25#25	20.05	12.29	34.7	PASS
				RB50#0	20.04	12.28	34.7	PASS
			MCH	RB1#0	20.95	13.19	34.7	PASS
				RB1#25	21.53	13.77	34.7	PASS
				RB1#49	20.92	13.16	34.7	PASS
				RB25#0	20.11	12.35	34.7	PASS
				RB25#13	20.24	12.48	34.7	PASS
				RB25#25	20.09	12.33	34.7	PASS
				RB50#0	20.06	12.3	34.7	PASS
				HCH	RB1#0	21	13.24	34.7
			RB1#25		21.55	13.79	34.7	PASS
			RB1#49		20.85	13.09	34.7	PASS
			RB25#0		20.08	12.32	34.7	PASS
			RB25#13		20.3	12.54	34.7	PASS
			RB25#25		20.13	12.37	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
				RB50#0	20.13	12.37	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:

SET Span=1.5*OBW

SET RBW=1%of the OBW, not to exceed 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	4.11	13	PASS
				RB1#3	4.03	13	PASS
				RB1#5	4	13	PASS
				RB3#0	4.29	13	PASS
				RB3#2	4.25	13	PASS
				RB3#3	4.37	13	PASS
				RB6#0	5.31	13	PASS
			MCH	RB1#0	4.09	13	PASS
				RB1#3	4	13	PASS
				RB1#5	4.05	13	PASS
				RB3#0	4.23	13	PASS
				RB3#2	4.05	13	PASS
				RB3#3	4.4	13	PASS
				RB6#0	5.39	13	PASS
		HCH	RB1#0	3.67	13	PASS	
			RB1#3	3.62	13	PASS	
			RB1#5	3.55	13	PASS	
			RB3#0	3.81	13	PASS	
			RB3#2	4.05	13	PASS	
			RB3#3	4.12	13	PASS	
			RB6#0	5.46	13	PASS	
		3	LCH	RB1#0	4.1	13	PASS
				RB1#7	4.02	13	PASS
				RB1#14	4.16	13	PASS
				RB8#0	5.04	13	PASS
				RB8#4	4.9	13	PASS
				RB8#7	5.01	13	PASS
				RB15#0	5.48	13	PASS
MCH	RB1#0		4.17	13	PASS		
RB1#7	3.87	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#14	4.07	13	PASS	
				RB8#0	5	13	PASS	
				RB8#4	4.87	13	PASS	
				RB8#7	4.95	13	PASS	
				RB15#0	5.35	13	PASS	
			HCH	RB1#0	3.93	13	PASS	
				RB1#7	3.41	13	PASS	
				RB1#14	3.49	13	PASS	
				RB8#0	4.75	13	PASS	
				RB8#4	4.7	13	PASS	
				RB8#7	4.54	13	PASS	
			5	LCH	RB1#0	4.35	13	PASS
					RB1#13	4.09	13	PASS
					RB1#24	4.49	13	PASS
					RB12#0	5.16	13	PASS
		RB12#6			5.05	13	PASS	
		RB12#13			5.28	13	PASS	
		RB25#0		5.41	13	PASS		
		MCH		RB1#0	4.33	13	PASS	
				RB1#13	3.98	13	PASS	
				RB1#24	4.24	13	PASS	
				RB12#0	5.17	13	PASS	
				RB12#6	4.94	13	PASS	
				RB12#13	5.13	13	PASS	
		RB25#0		5.5	13	PASS		
		HCH		RB1#0	4.09	13	PASS	
			RB1#13	3.79	13	PASS		
			RB1#24	3.73	13	PASS		
			RB12#0	5.02	13	PASS		
			RB12#6	4.55	13	PASS		
RB12#13	4.92		13	PASS				
RB25#0	5.37	13	PASS					
10	LCH	RB1#0	4.36	13	PASS			
		RB1#25	4.06	13	PASS			
		RB1#49	4.41	13	PASS			
		RB25#0	5.43	13	PASS			
		RB25#13	5.32	13	PASS			
		RB25#25	5.87	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#0	5.89	13	PASS	
			MCH	RB1#0	4.38	13	PASS	
				RB1#25	3.97	13	PASS	
				RB1#49	4.3	13	PASS	
				RB25#0	5.42	13	PASS	
				RB25#13	5.15	13	PASS	
				RB25#25	5.36	13	PASS	
				RB50#0	5.77	13	PASS	
			HCH	RB1#0	4.33	13	PASS	
				RB1#25	3.83	13	PASS	
				RB1#49	4.05	13	PASS	
				RB25#0	5.29	13	PASS	
				RB25#13	5.09	13	PASS	
				RB25#25	5.22	13	PASS	
				LCH	RB1#0	4.91	13	PASS
					RB1#3	4.99	13	PASS
					RB1#5	4.87	13	PASS
					RB3#0	5.18	13	PASS
					RB3#2	4.94	13	PASS
					RB3#3	5.24	13	PASS
					RB6#0	5.95	13	PASS
				MCH	RB1#0	4.87	13	PASS
					RB1#3	4.74	13	PASS
					RB1#5	4.81	13	PASS
					RB3#0	4.98	13	PASS
					RB3#2	4.85	13	PASS
					RB3#3	5.39	13	PASS
					RB6#0	6.14	13	PASS
	HCH	RB1#0	4.61	13	PASS			
		RB1#3	4.42	13	PASS			
		RB1#5	4.38	13	PASS			
		RB3#0	4.59	13	PASS			
		RB3#2	4.52	13	PASS			
RB3#3		4.6	13	PASS				
RB6#0		5.65	13	PASS				
		3	LCH	RB1#0	5.06	13	PASS	
				RB1#7	4.74	13	PASS	
				RB1#14	5.25	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.8	13	PASS
				RB8#4	5.63	13	PASS
				RB8#7	5.76	13	PASS
				RB15#0	6.05	13	PASS
			MCH	RB1#0	5.29	13	PASS
				RB1#7	4.98	13	PASS
				RB1#14	5.17	13	PASS
				RB8#0	5.73	13	PASS
				RB8#4	5.61	13	PASS
				RB8#7	5.74	13	PASS
			HCH	RB15#0	5.89	13	PASS
				RB1#0	4.81	13	PASS
				RB1#7	4.48	13	PASS
				RB1#14	4.54	13	PASS
				RB8#0	5.65	13	PASS
				RB8#4	5.43	13	PASS
		5	LCH	RB8#7	5.47	13	PASS
				RB15#0	6.07	13	PASS
				RB1#0	4.95	13	PASS
				RB1#13	4.69	13	PASS
				RB1#24	5.13	13	PASS
				RB12#0	5.75	13	PASS
			MCH	RB12#6	5.76	13	PASS
				RB12#13	5.92	13	PASS
				RB25#0	6.36	13	PASS
				RB1#0	5.23	13	PASS
				RB1#13	4.88	13	PASS
				RB1#24	5.12	13	PASS
			HCH	RB12#0	5.87	13	PASS
				RB12#6	5.76	13	PASS
				RB12#13	5.84	13	PASS
				RB25#0	6.36	13	PASS
RB1#0	4.72	13		PASS			
RB1#13	4.41	13		PASS			
RB1#24	4.52	13	PASS				
RB12#0	5.53	13	PASS				
RB12#6	5.54	13	PASS				
RB12#13	5.48	13	PASS				
RB25#0	6.18	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	4.98	13	PASS
				RB1#25	4.85	13	PASS
				RB1#49	5.17	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	5.98	13	PASS
				RB25#25	6.22	13	PASS
				RB50#0	6.53	13	PASS
			MCH	RB1#0	5.07	13	PASS
				RB1#25	4.66	13	PASS
				RB1#49	4.68	13	PASS
				RB25#0	6.11	13	PASS
				RB25#13	5.79	13	PASS
				RB25#25	5.99	13	PASS
				RB50#0	6.48	13	PASS
			HCH	RB1#0	5.1	13	PASS
				RB1#25	4.41	13	PASS
				RB1#49	4.83	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	5.72	13	PASS
				RB25#25	5.99	13	PASS
				RB50#0	6.28	13	PASS
BAND17	LTE/TM1	5	LCH	RB1#0	4.47	13	PASS
				RB1#13	3.98	13	PASS
				RB1#24	4.28	13	PASS
				RB12#0	5.36	13	PASS
				RB12#6	5.14	13	PASS
				RB12#13	5.33	13	PASS
				RB25#0	5.46	13	PASS
			MCH	RB1#0	4.3	13	PASS
				RB1#13	3.98	13	PASS
				RB1#24	4.16	13	PASS
				RB12#0	5.16	13	PASS
				RB12#6	4.93	13	PASS
				RB12#13	5.09	13	PASS
				RB25#0	5.41	13	PASS
HCH	RB1#0	4.13	13	PASS			
	RB1#13	3.81	13	PASS			
	RB1#24	3.72	13	PASS			
	RB12#0	5.03	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2	10		RB12#6	4.77	13	PASS
				RB12#13	4.84	13	PASS
				RB25#0	5.25	13	PASS
			LCH	RB1#0	4.41	13	PASS
				RB1#25	3.85	13	PASS
				RB1#49	4.22	13	PASS
				RB25#0	5.51	13	PASS
				RB25#13	5.23	13	PASS
				RB25#25	5.45	13	PASS
		RB50#0		5.82	13	PASS	
		MCH	RB1#0	4.53	13	PASS	
			RB1#25	3.93	13	PASS	
			RB1#49	4.26	13	PASS	
			RB25#0	5.5	13	PASS	
			RB25#13	5.21	13	PASS	
			RB25#25	5.43	13	PASS	
		HCH	RB50#0	5.78	13	PASS	
			RB1#0	4.27	13	PASS	
	RB1#25		3.84	13	PASS		
	RB1#49		3.95	13	PASS		
	RB25#0		5.45	13	PASS		
	RB25#13		5.16	13	PASS		
	5	LCH		RB1#0	5.21	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	5.23	13	PASS
				RB12#0	6.05	13	PASS
				RB12#6	5.84	13	PASS
				RB12#13	5.92	13	PASS
		MCH	RB25#0	6.5	13	PASS	
			RB1#0	5.27	13	PASS	
RB1#13			4.88	13	PASS		
RB1#24			5.11	13	PASS		
RB12#0			5.9	13	PASS		
RB12#6			5.64	13	PASS		
HCH	RB12#13	5.87	13	PASS			
	RB25#0	6.26	13	PASS			
			HCH	RB1#0	5.1	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#13	4.76	13	PASS
				RB1#24	4.61	13	PASS
				RB12#0	5.8	13	PASS
				RB12#6	5.57	13	PASS
				RB12#13	5.56	13	PASS
				RB25#0	5.98	13	PASS
				RB1#0	4.77	13	PASS
				RB1#25	4.38	13	PASS
				RB1#49	4.97	13	PASS
				RB25#0	6.25	13	PASS
				RB25#13	5.9	13	PASS
				RB25#25	6.11	13	PASS
		RB50#0	6.67	13	PASS		
		RB1#0	5.14	13	PASS		
		RB1#25	4.59	13	PASS		
		RB1#49	4.94	13	PASS		
		RB25#0	6.13	13	PASS		
		RB25#13	5.83	13	PASS		
		RB25#25	6.03	13	PASS		
		RB50#0	6.6	13	PASS		
		RB1#0	5.11	13	PASS		
		RB1#25	4.7	13	PASS		
		RB1#49	4.87	13	PASS		
		RB25#0	6.07	13	PASS		
		RB25#13	5.76	13	PASS		
		RB25#25	5.96	13	PASS		
		RB50#0	6.45	13	PASS		

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

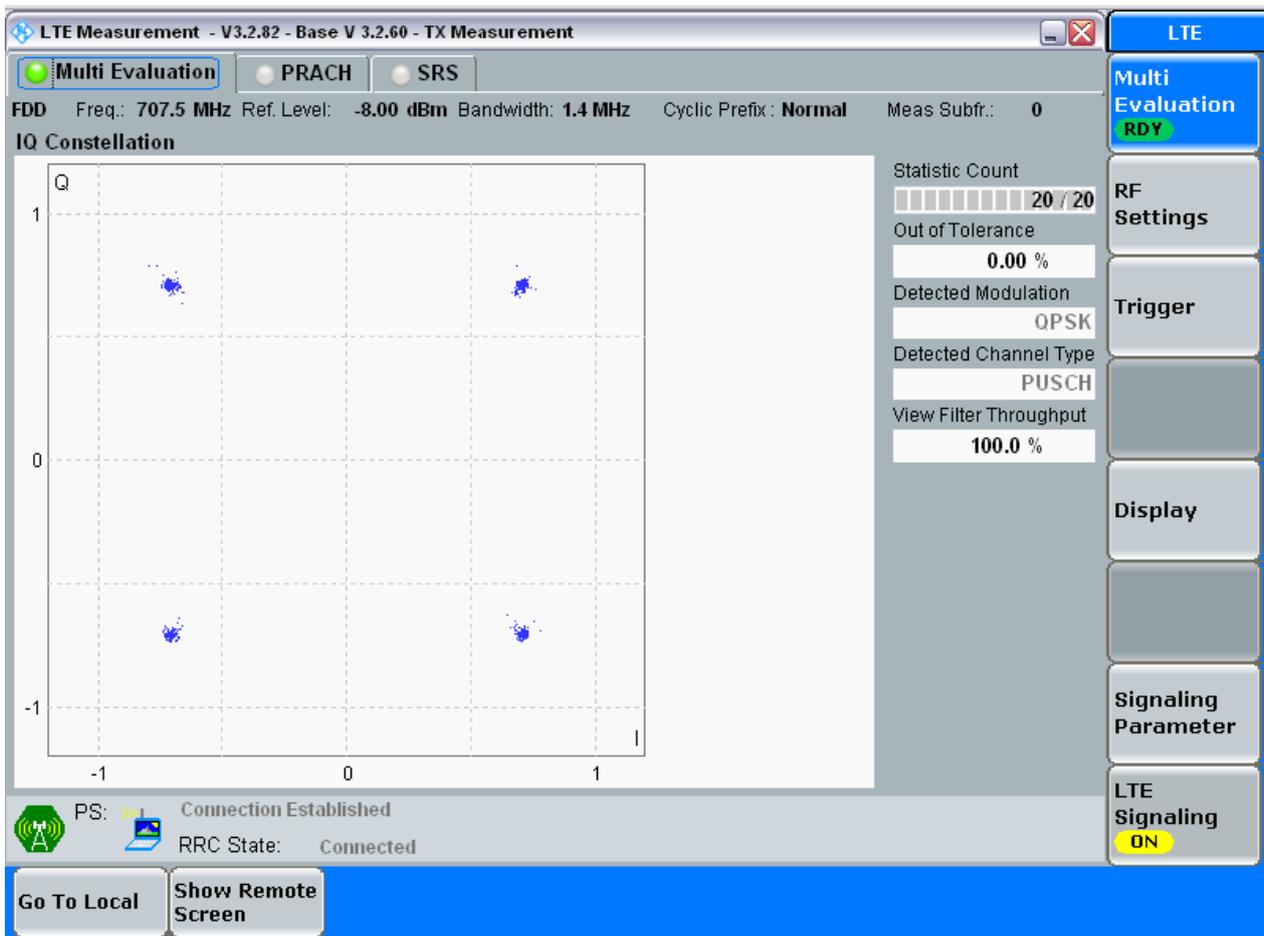
3.1.1 Test Band = BAND12

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

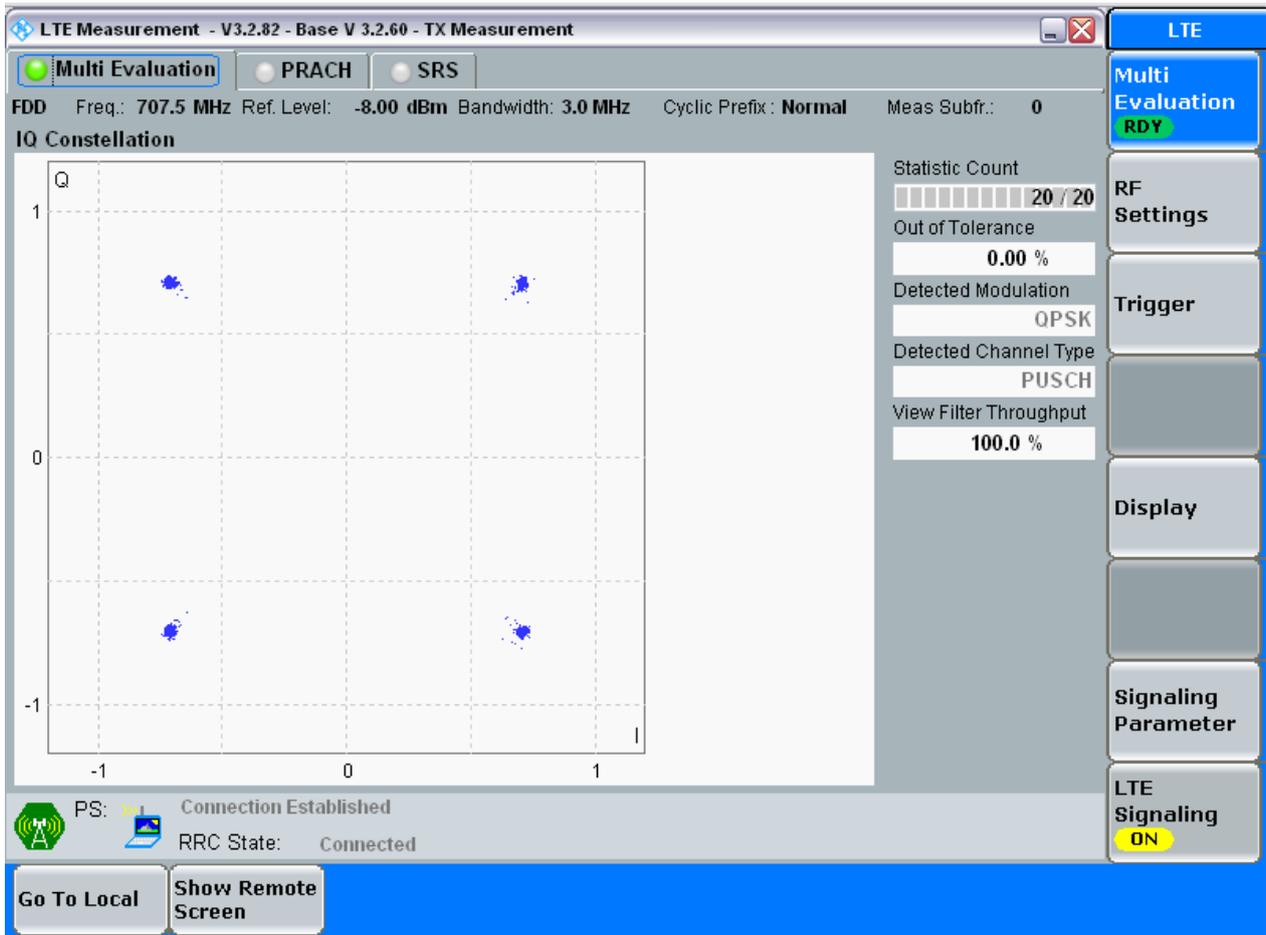




3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0

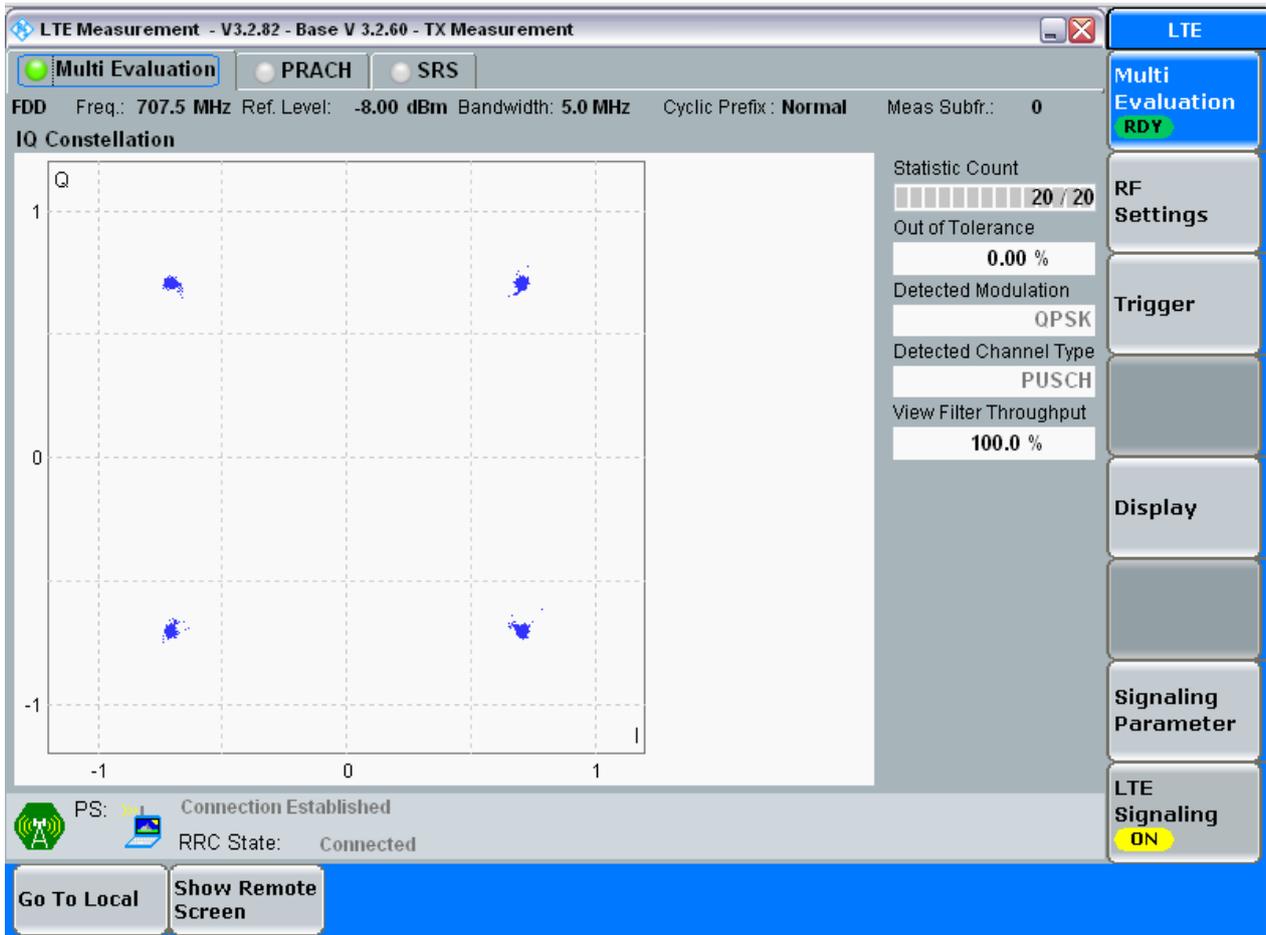




3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

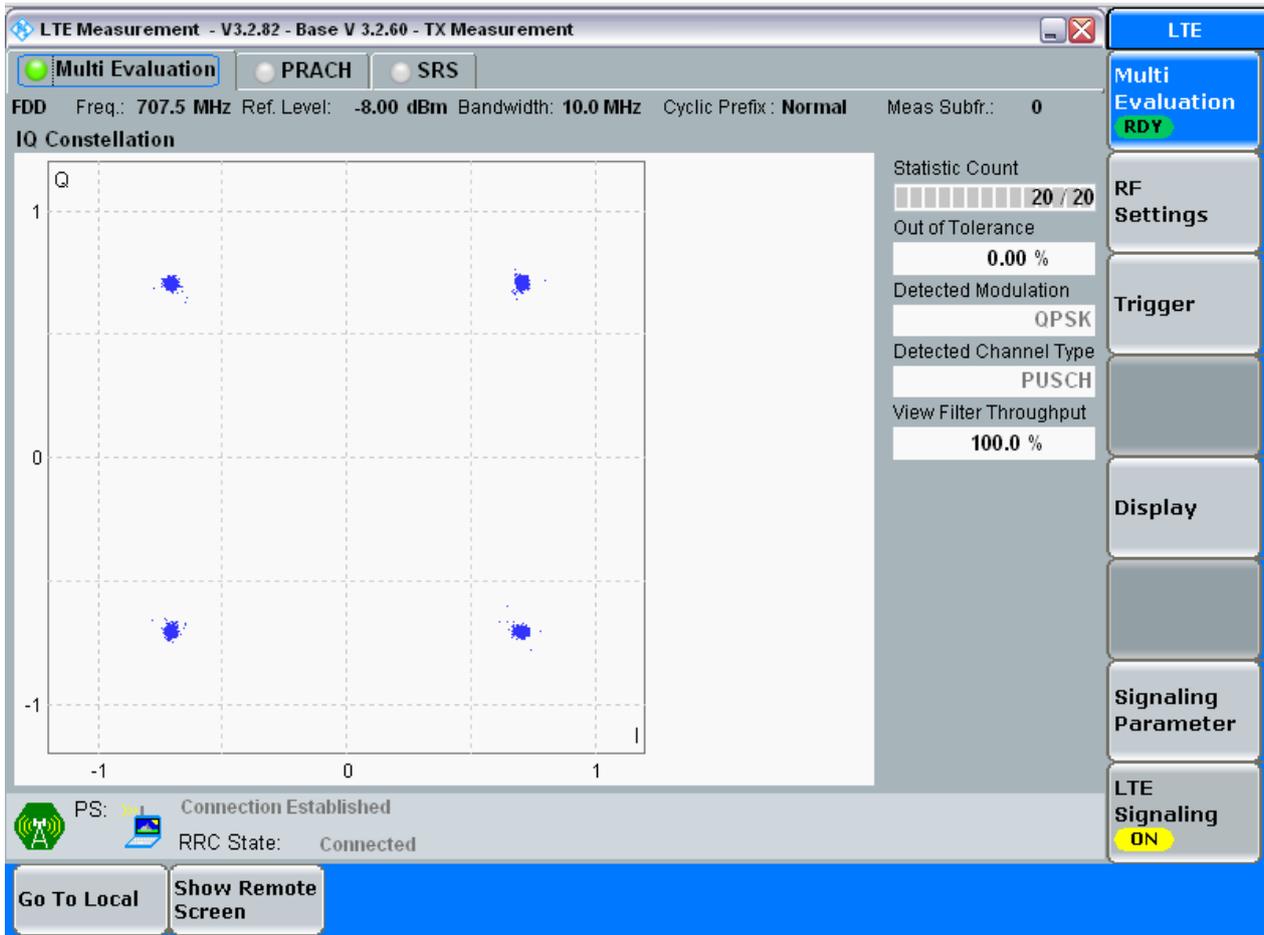
3.1.1.1.3.1.1 Test RB = RB25#0



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

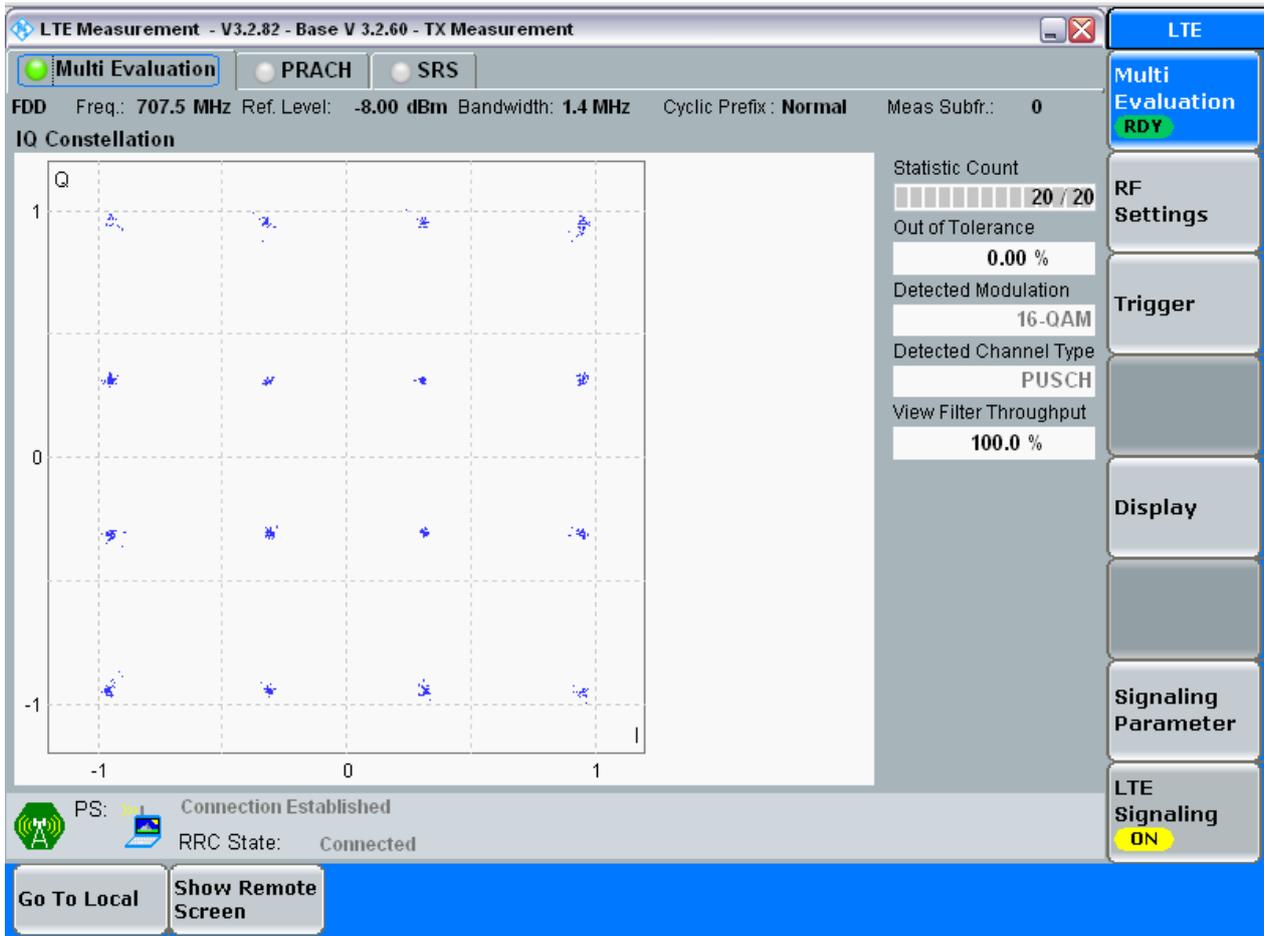


3.1.1.2 Test Mode = LTE/TM2

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

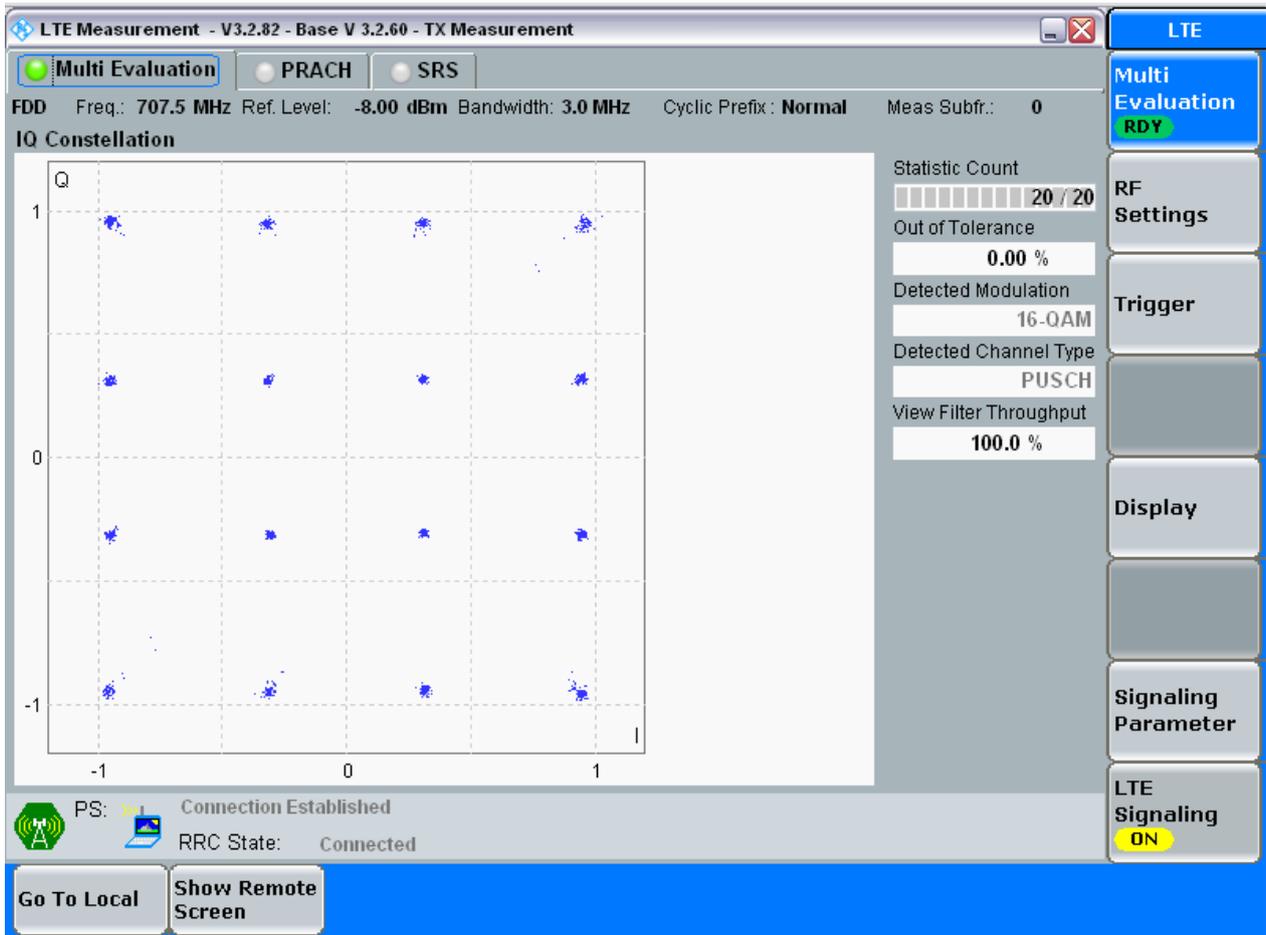




3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

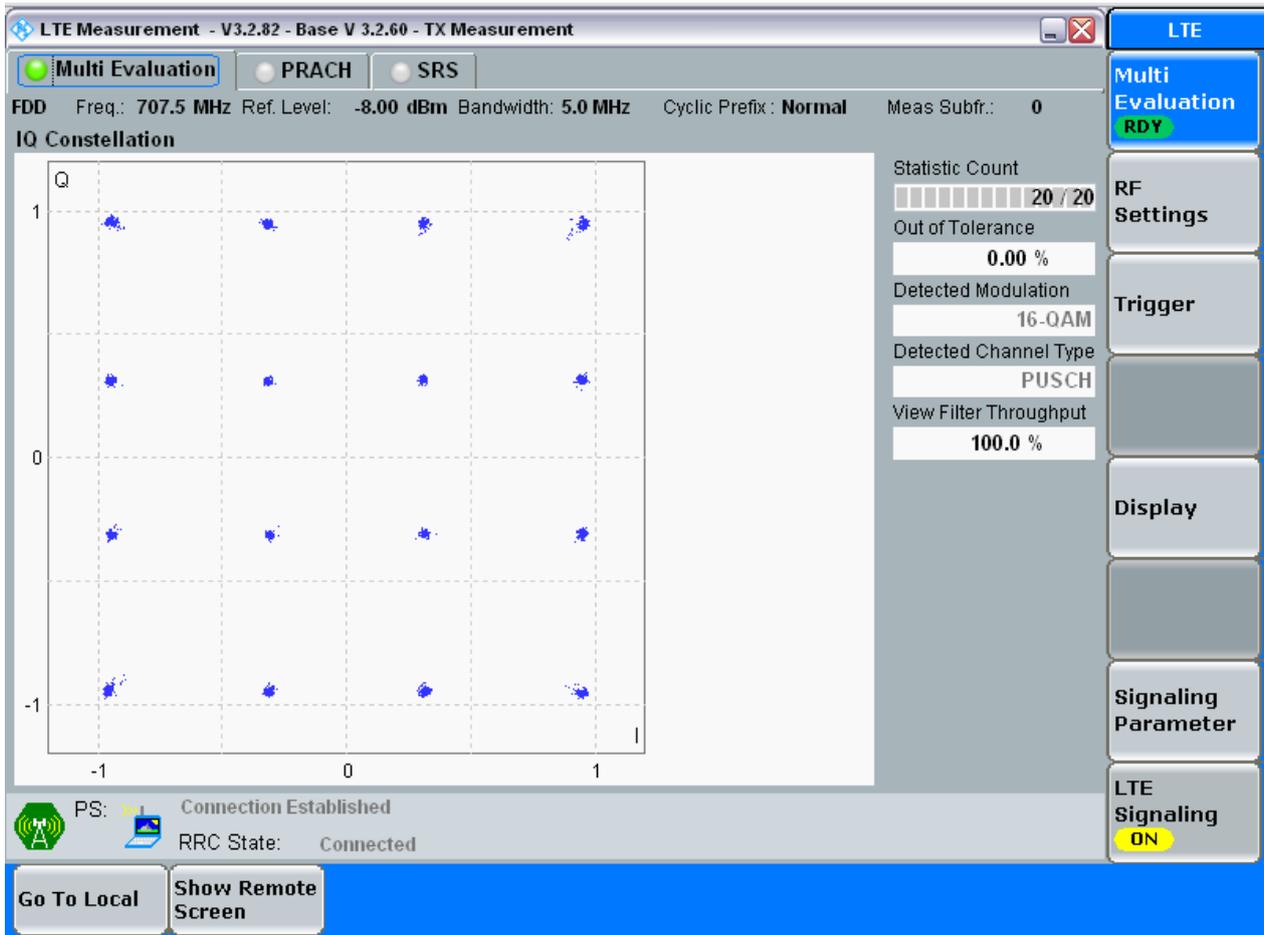
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

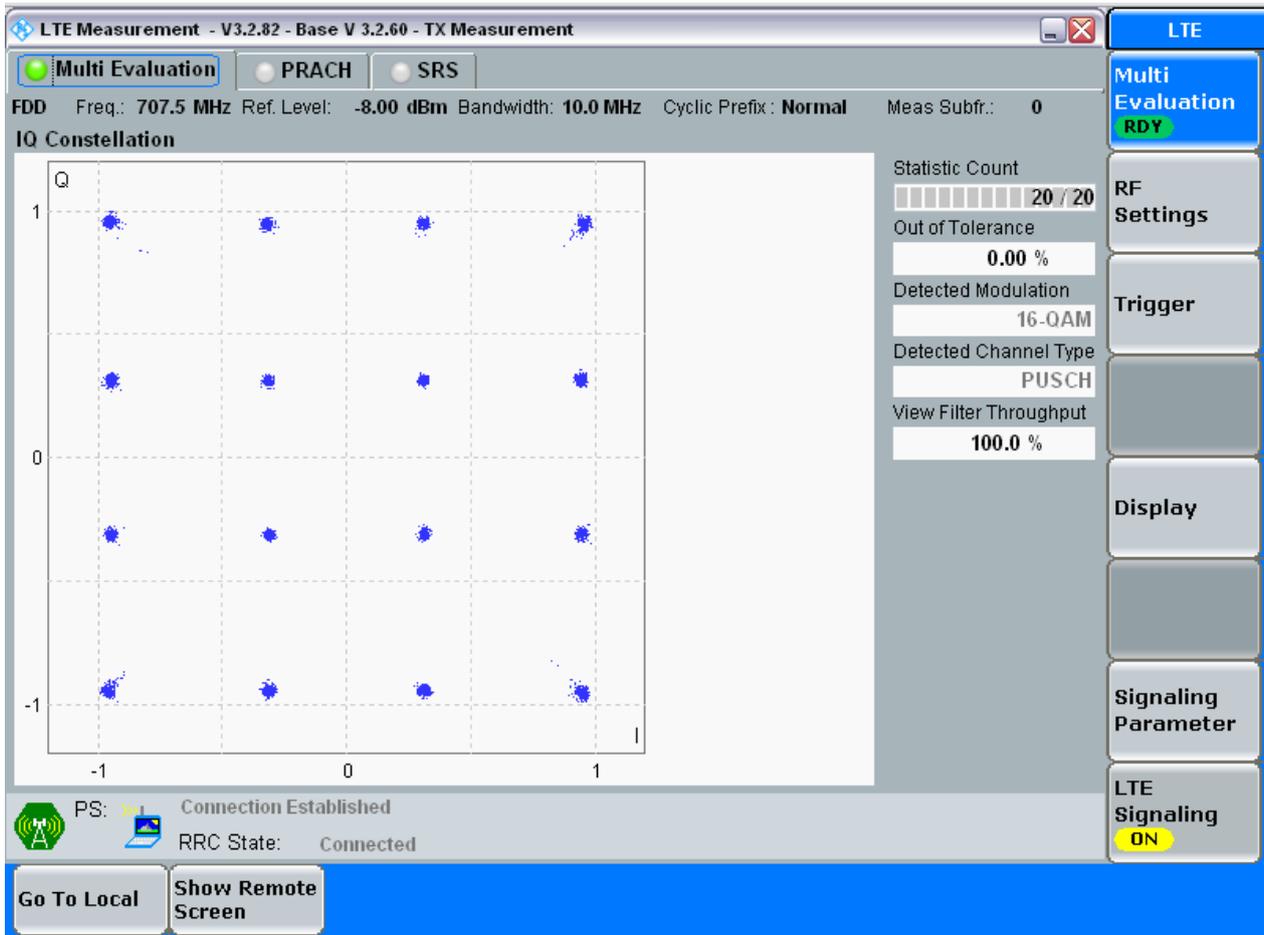
3.1.1.2.3.1.1 Test RB = RB25#0



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



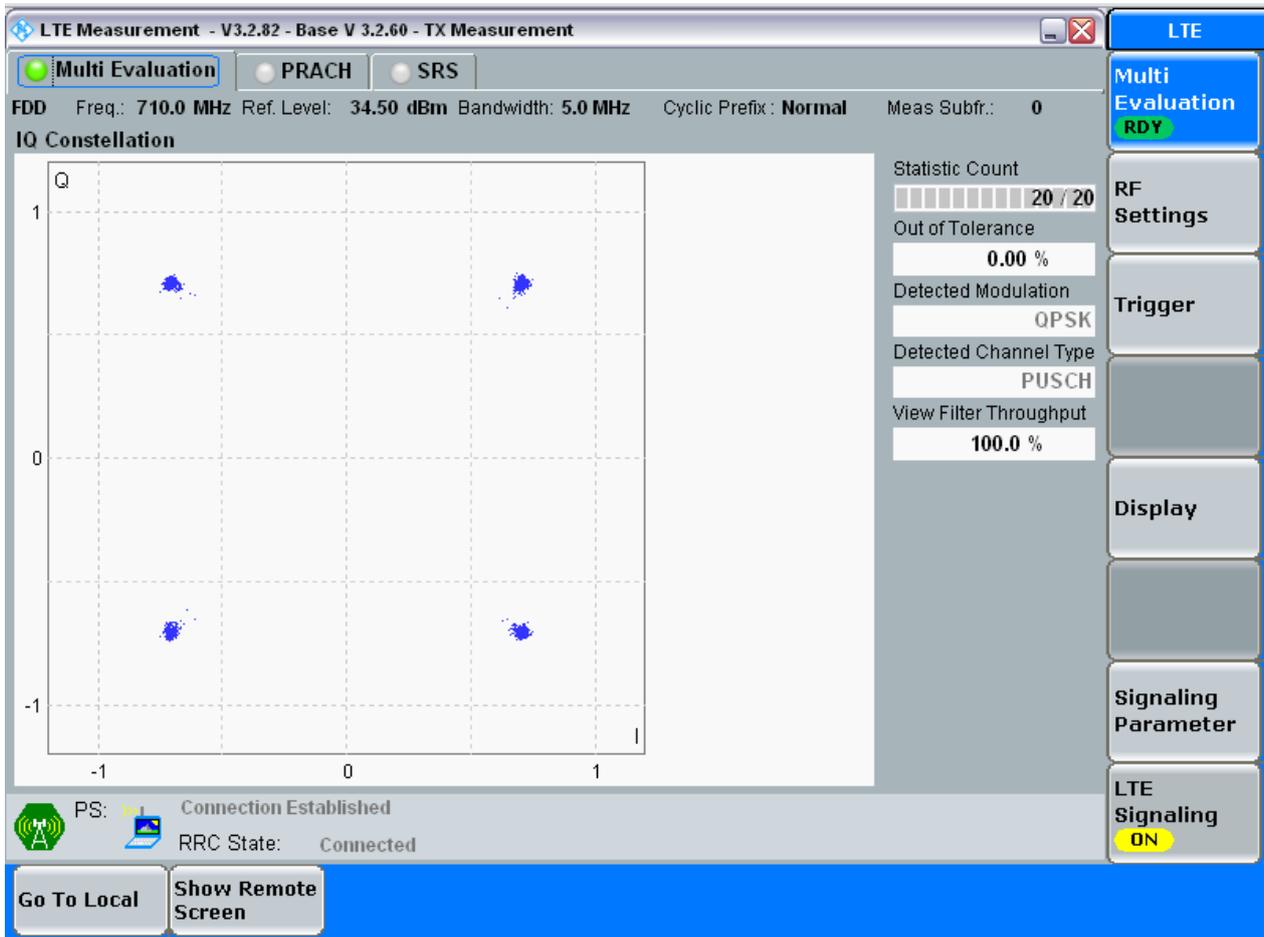
3.1.2 Test Band = BAND17

3.1.2.1 Test Mode = LTE/TM1

3.1.2.1.1 Test Bandwidth = 5

3.1.2.1.1.1 Test Channel = MCH

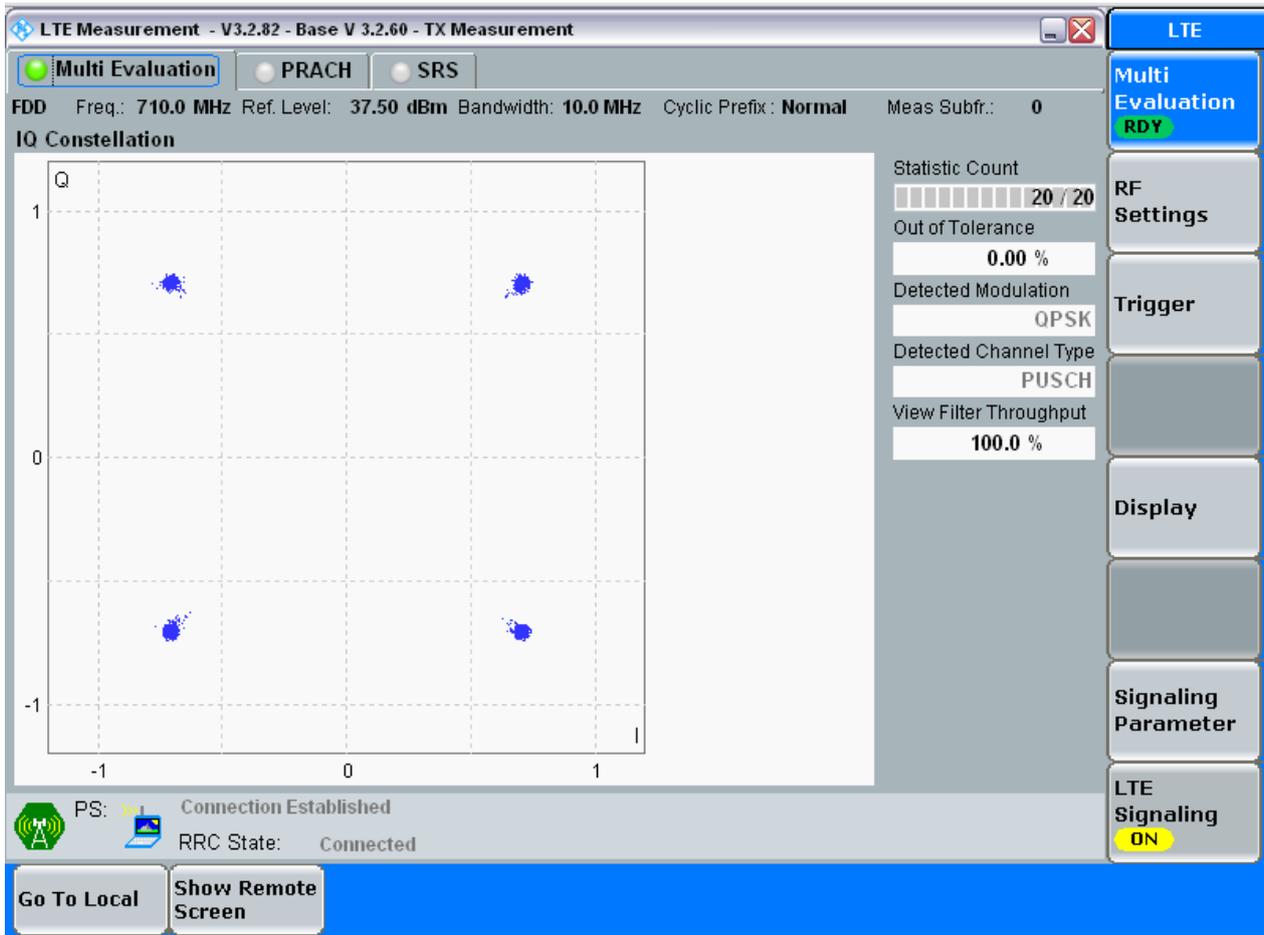
3.1.2.1.1.1.1 Test RB = RB25#0



3.1.2.1.2 Test Bandwidth = 10

3.1.2.1.2.1 Test Channel = MCH

3.1.2.1.2.1.1 Test RB = RB50#0

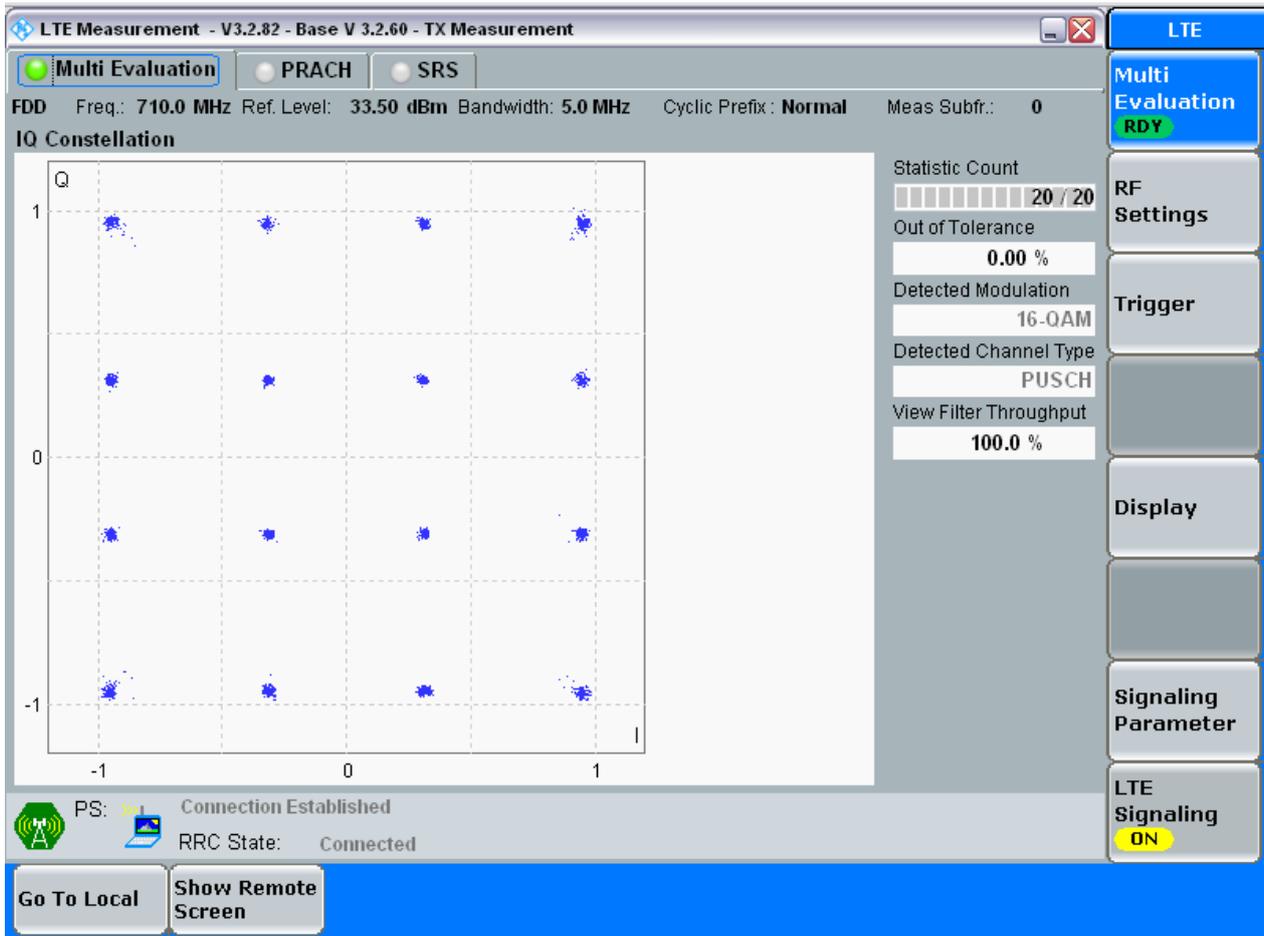


3.1.2.2 Test Mode = LTE/TM2

3.1.2.2.1 Test Bandwidth = 5

3.1.2.2.1.1 Test Channel = MCH

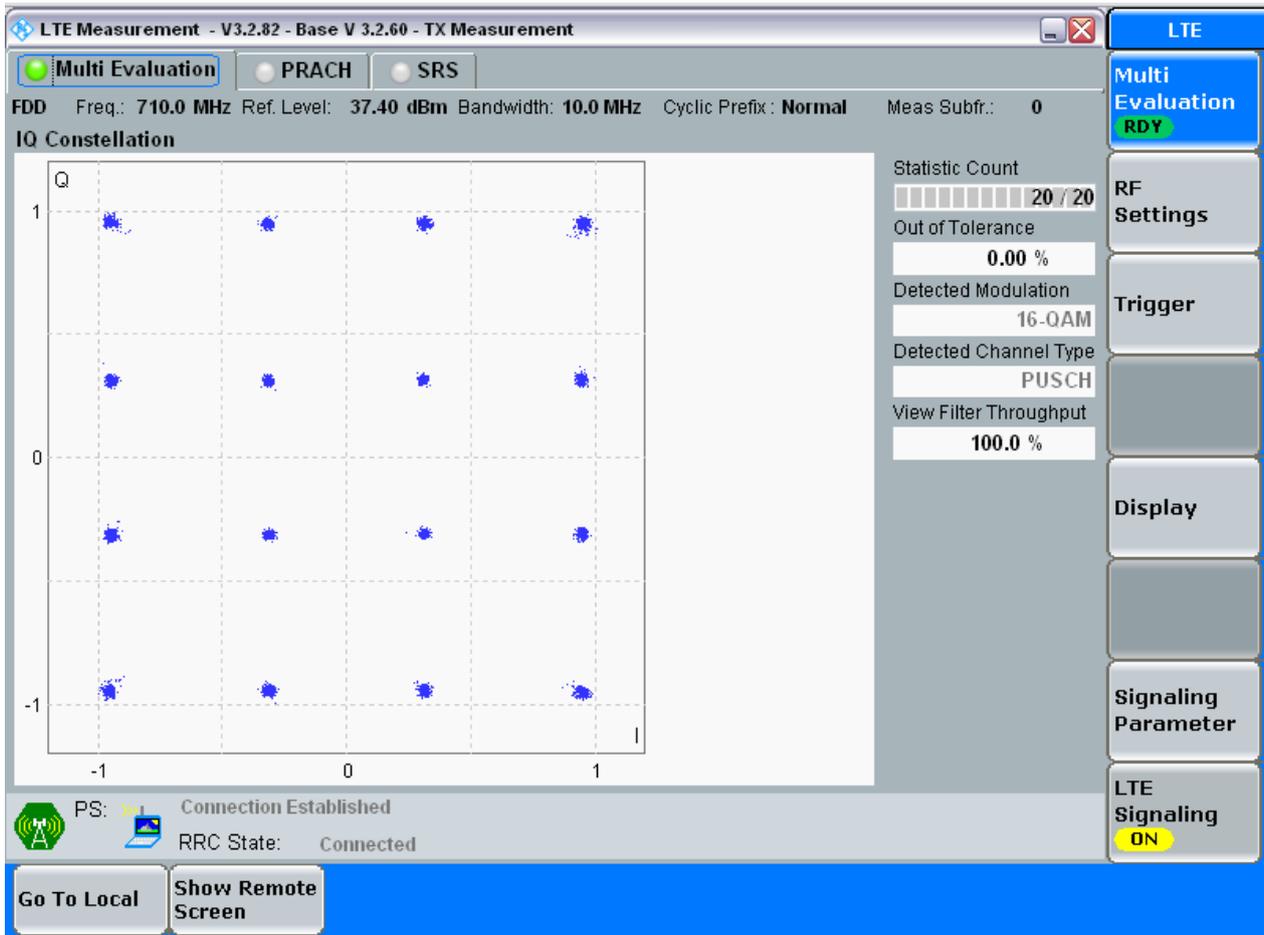
3.1.2.2.1.1.1 Test RB = RB25#0



3.1.2.2.2 Test Bandwidth = 10

3.1.2.2.2.1 Test Channel = MCH

3.1.2.2.2.1.1 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	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.52	4.96	Pass
	10	LCH	RB50#0	8.99	9.92	Pass	
		MCH	RB50#0	8.99	9.92	Pass	
		HCH	RB50#0	8.98	9.93	Pass	
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.99	Pass
5		LCH	RB25#0	4.52	4.96	Pass	
		MCH	RB25#0	4.51	4.96	Pass	
		HCH	RB25#0	4.52	4.97	Pass	
10	LCH	RB50#0	9.01	9.90	Pass		
	MCH	RB50#0	9.00	9.91	Pass		
	HCH	RB50#0	8.99	9.93	Pass		
BAND17	LTE/TM1	5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.99	9.90	Pass
			MCH	RB50#0	8.98	9.90	Pass
			HCH	RB50#0	8.98	9.90	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.97	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	8.99	9.89	Pass
			MCH	RB50#0	9.01	9.91	Pass
			HCH	RB50#0	8.99	9.94	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

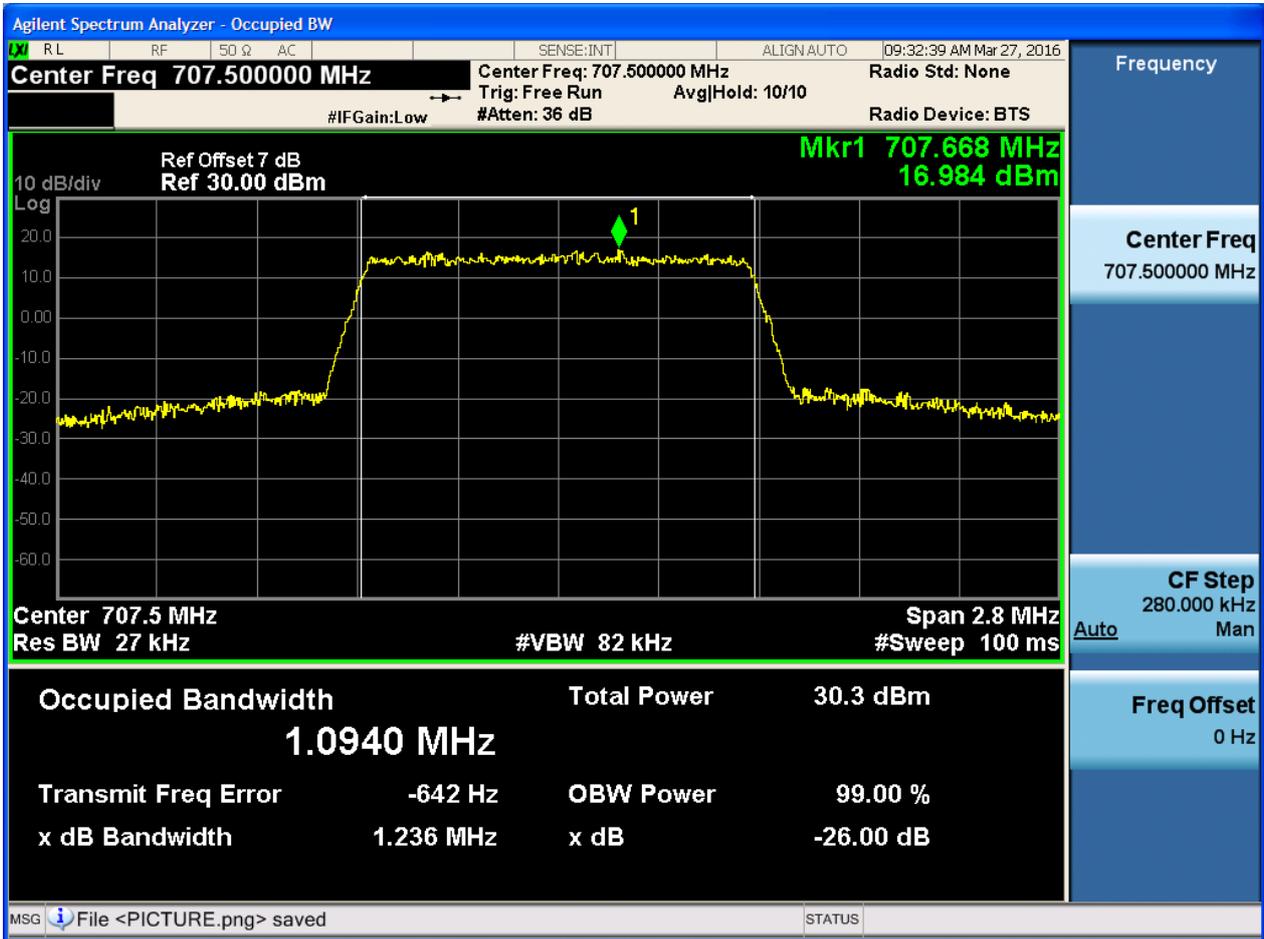
4.1.1.1.1.1.1 Test RB = RB6#0





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

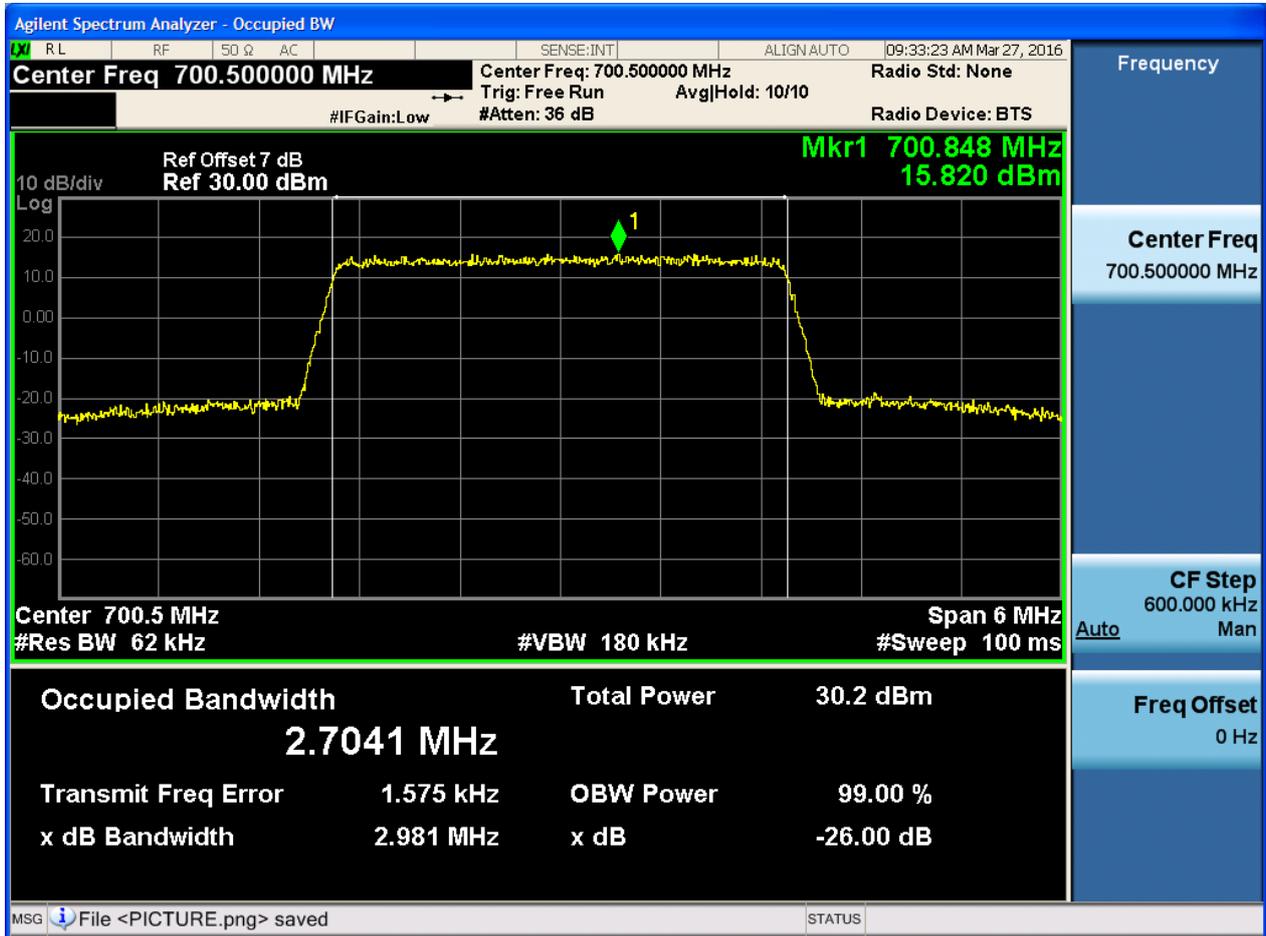




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

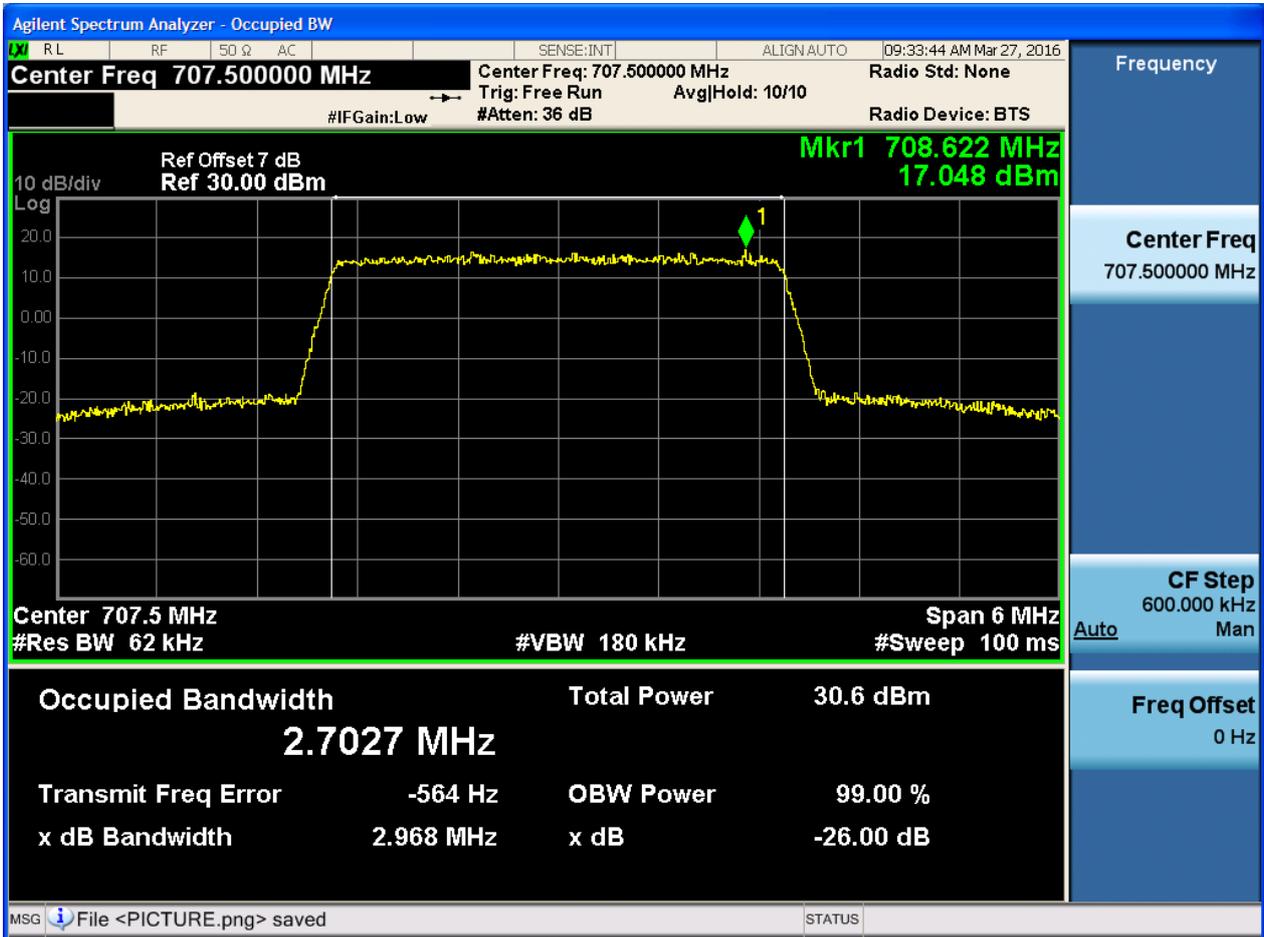
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

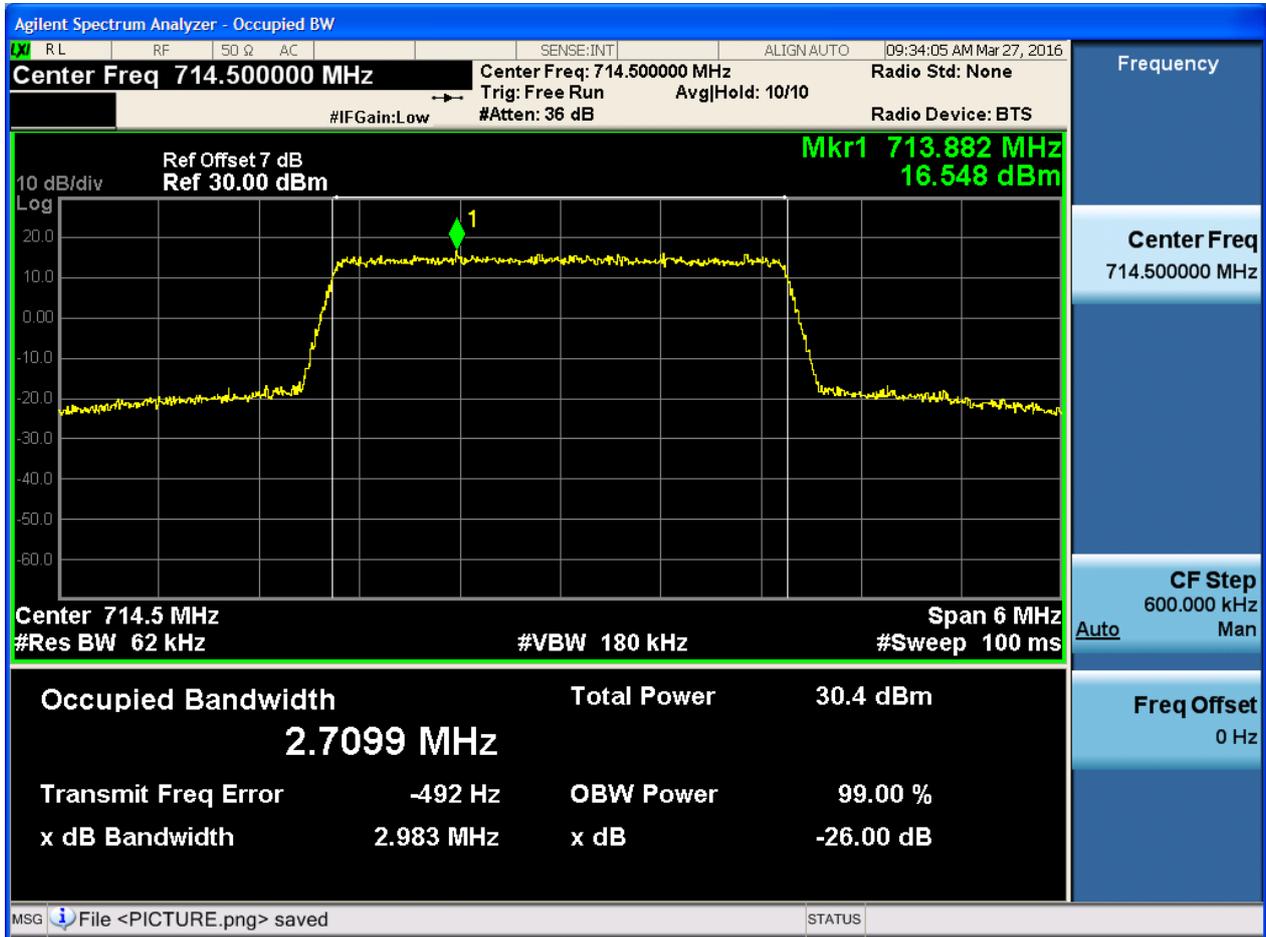
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

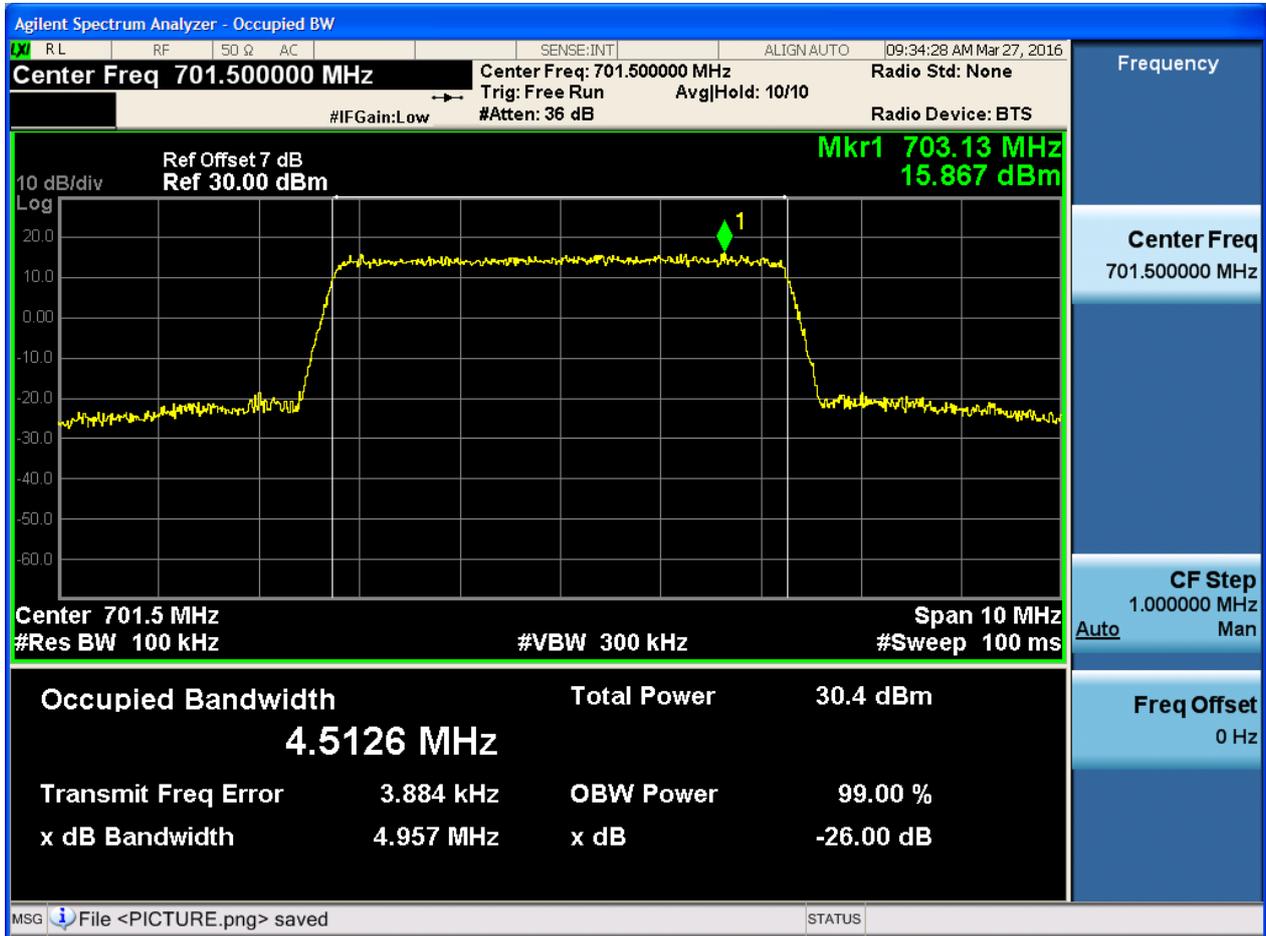




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

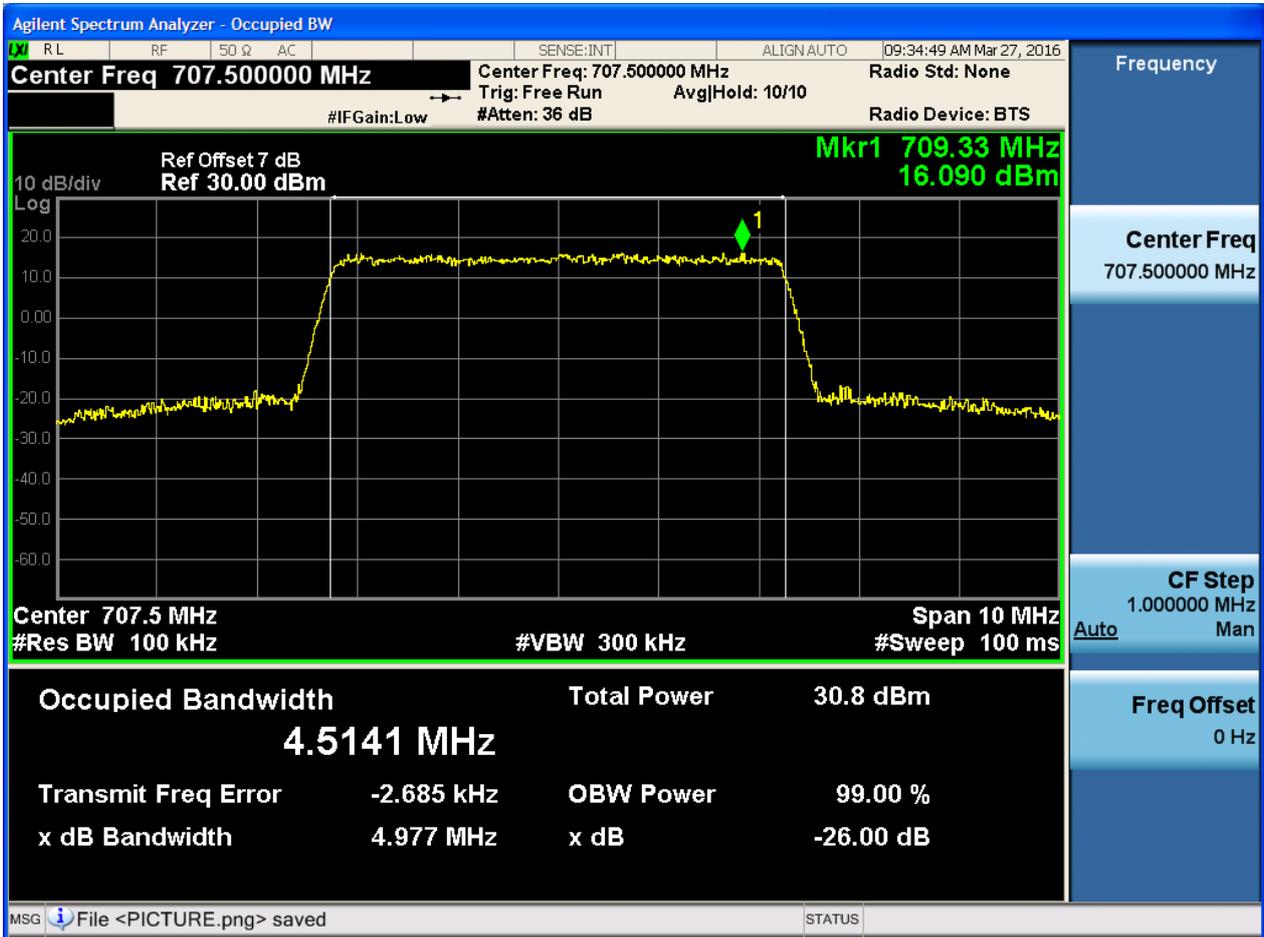
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

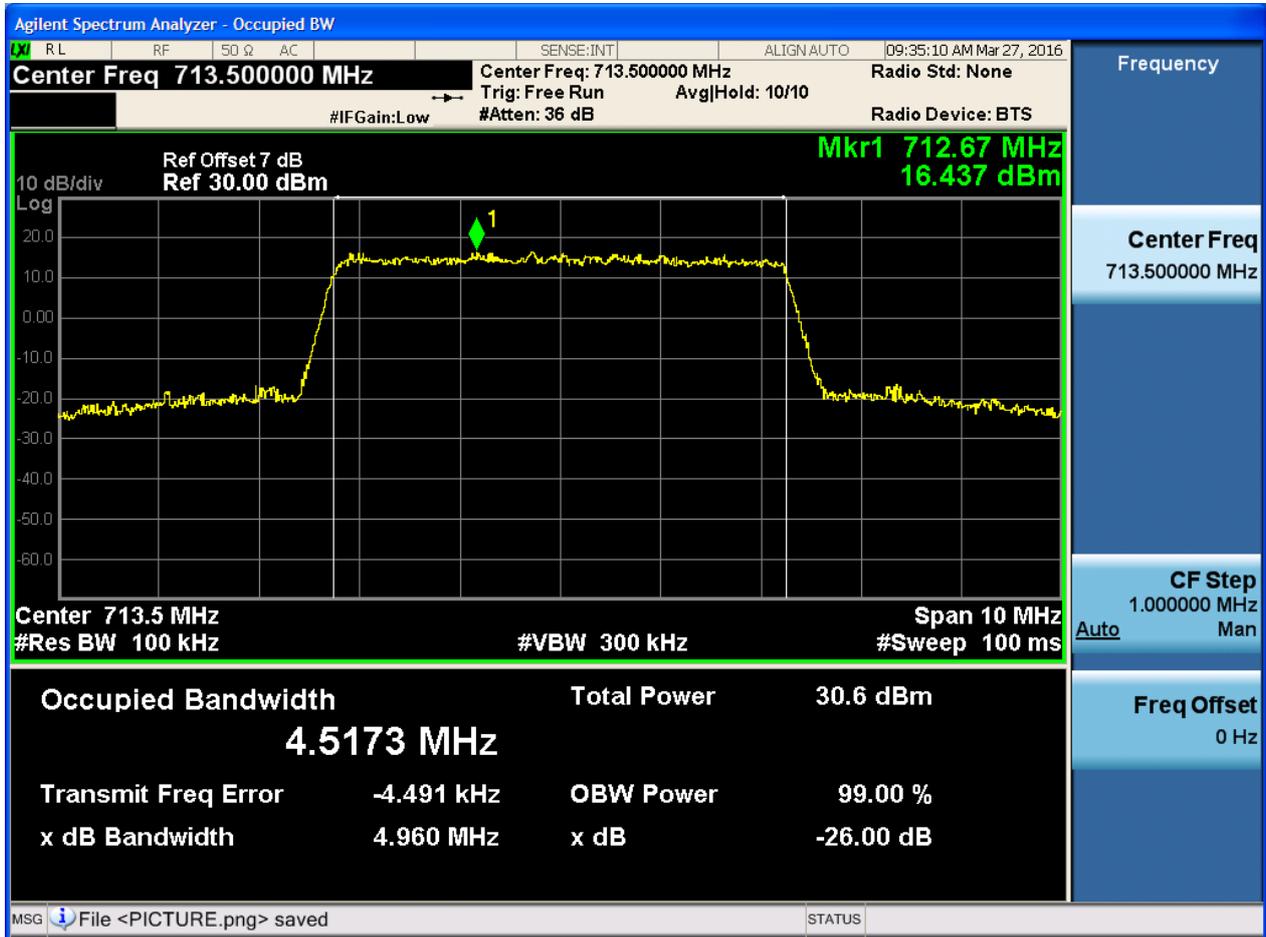
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

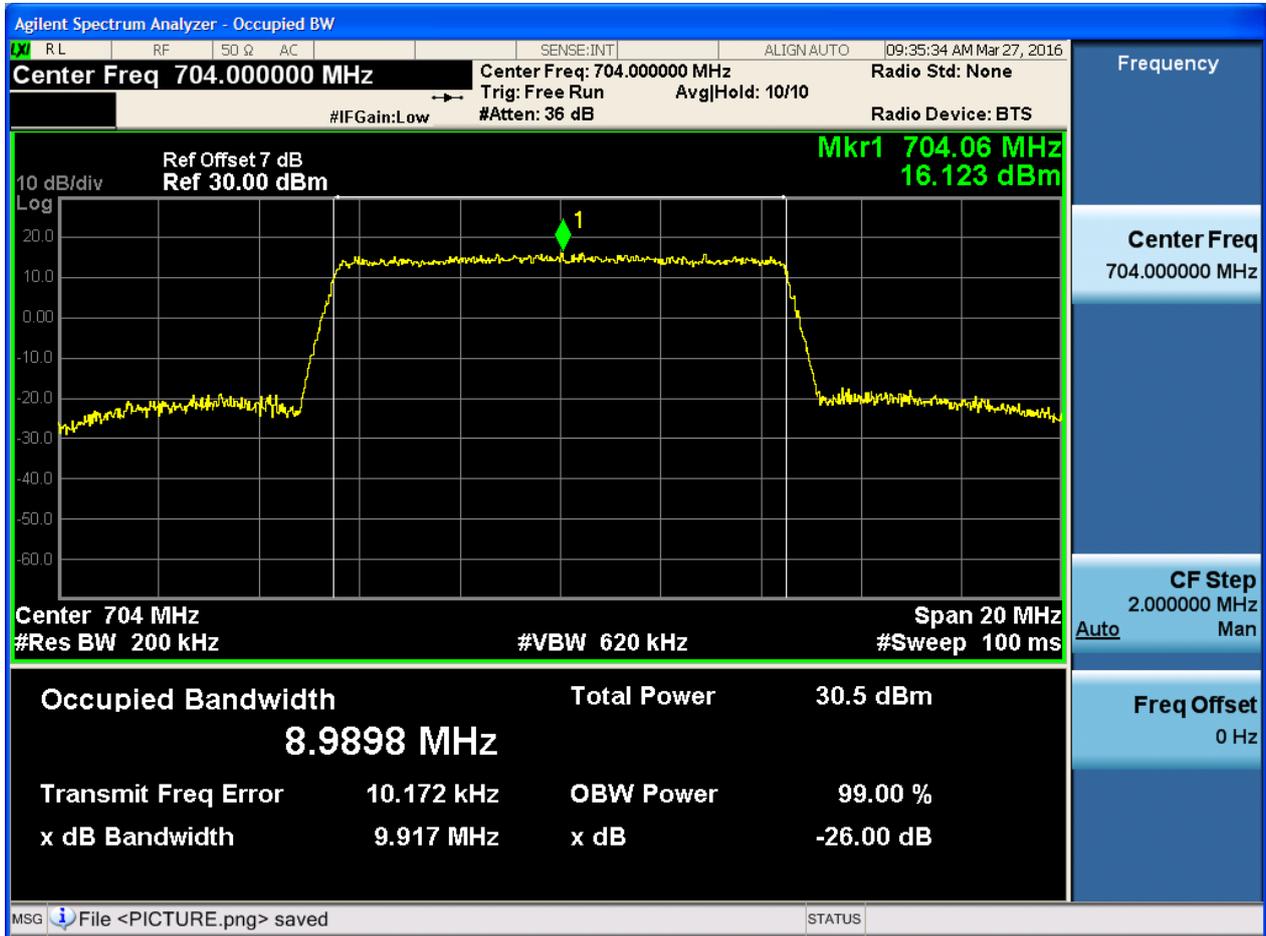




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

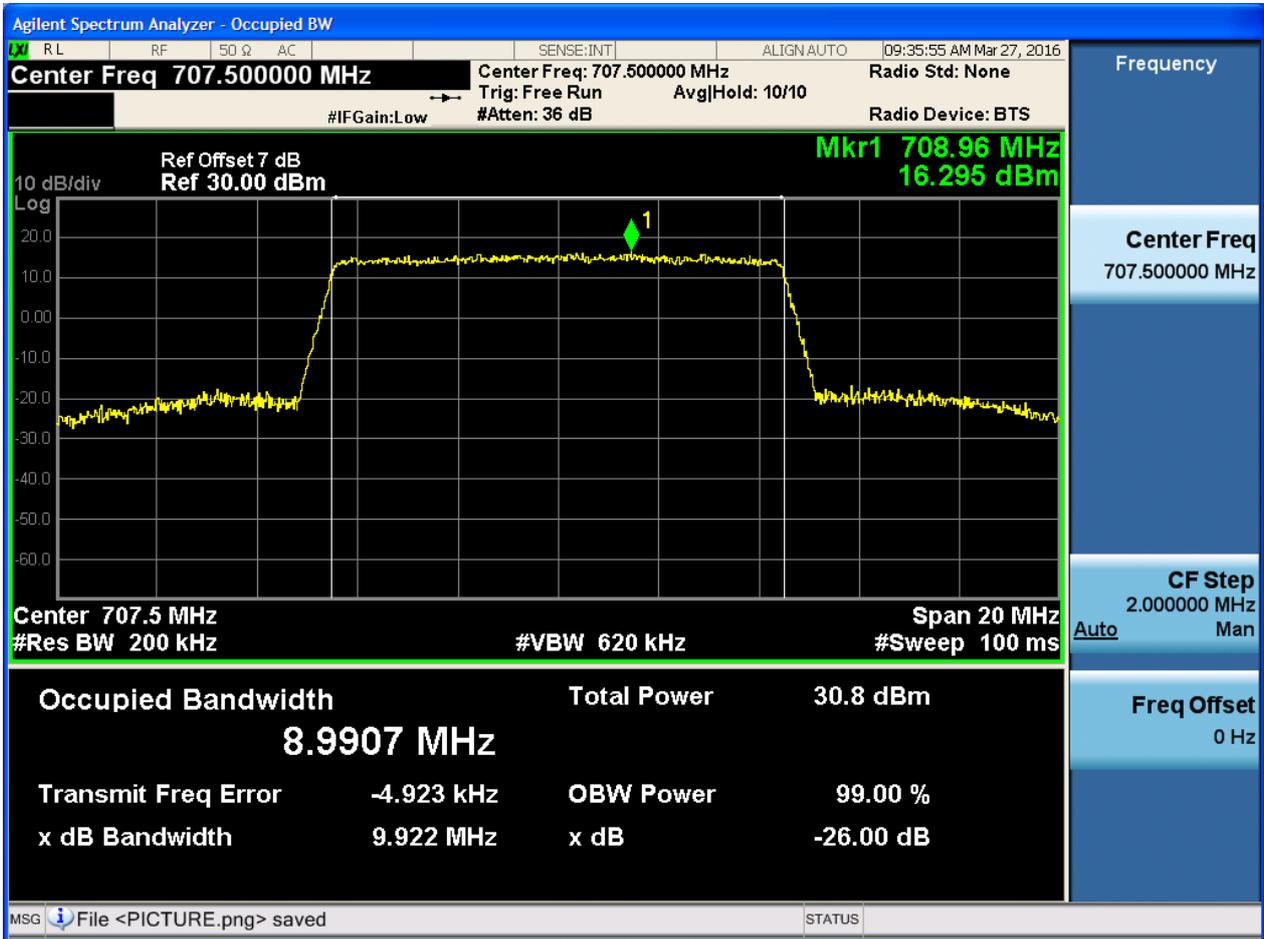
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

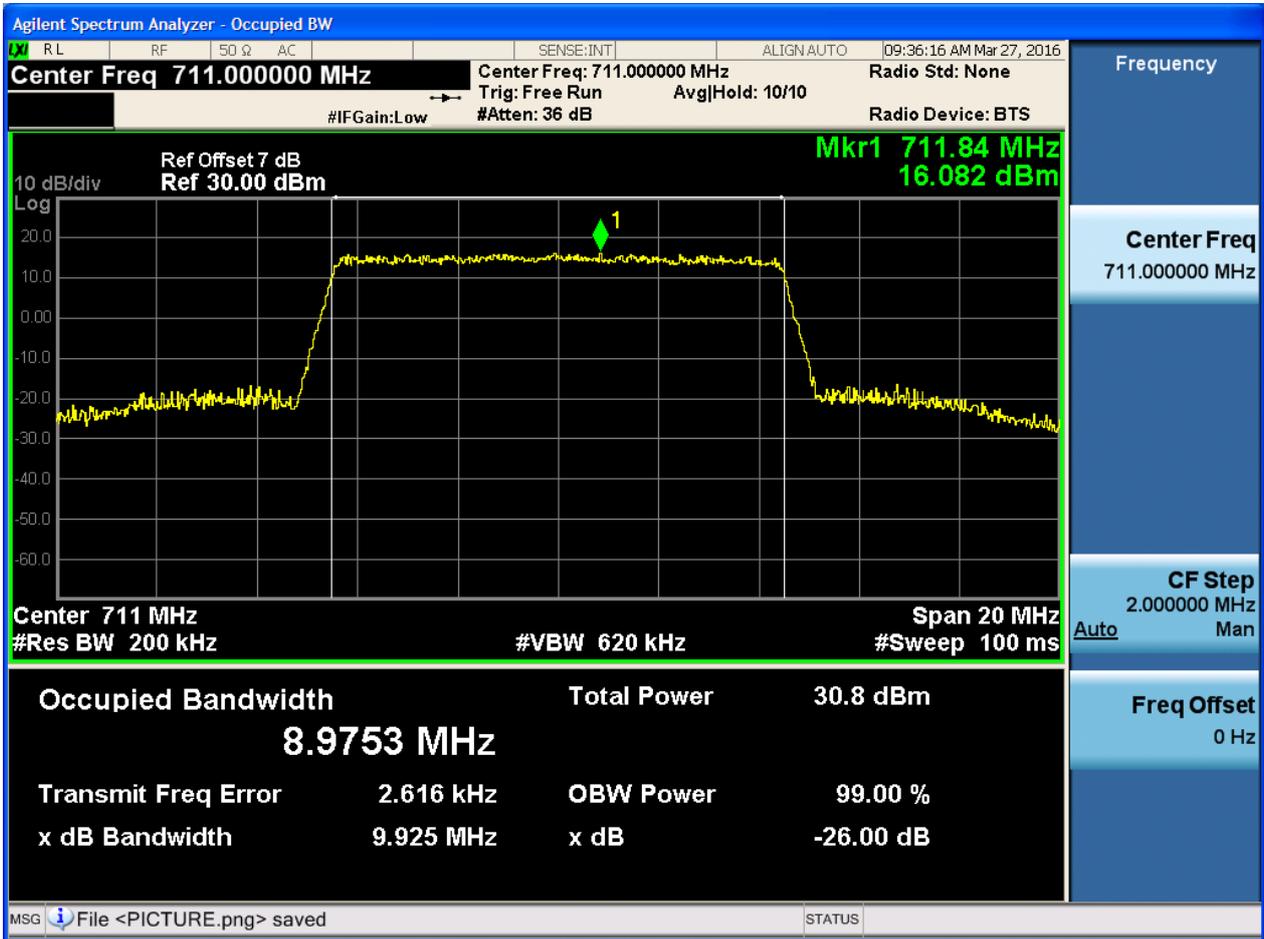
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



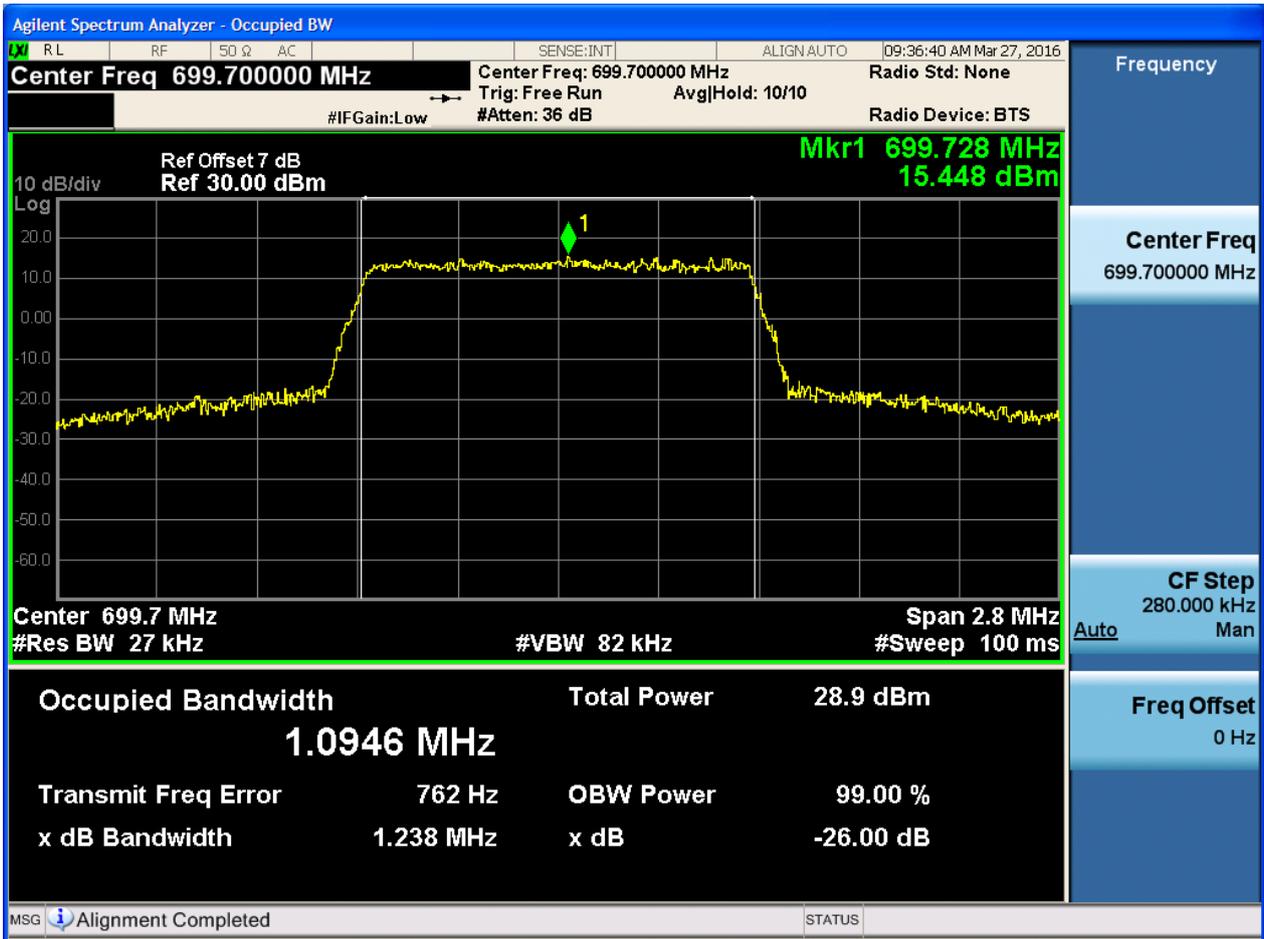


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

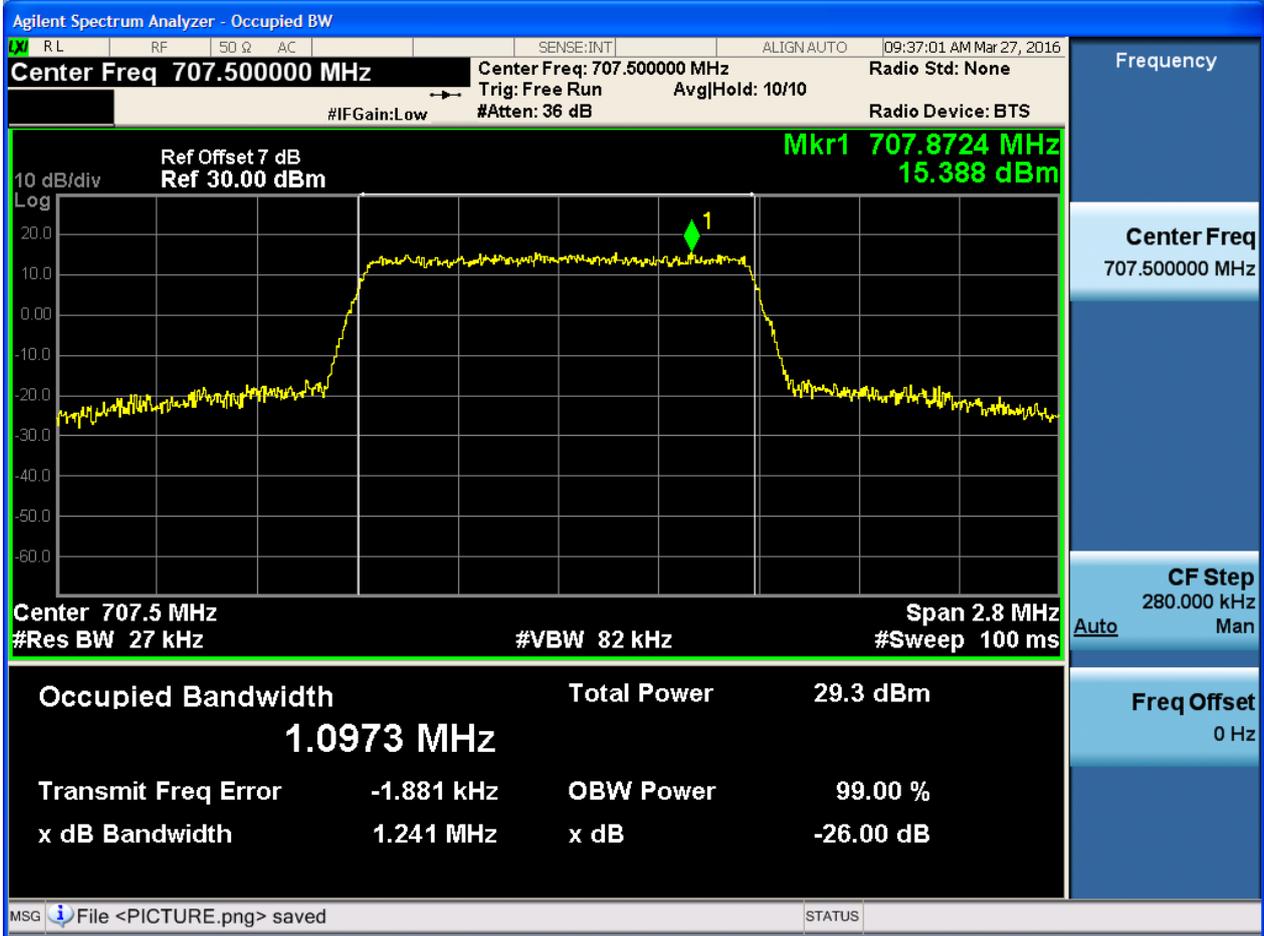
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

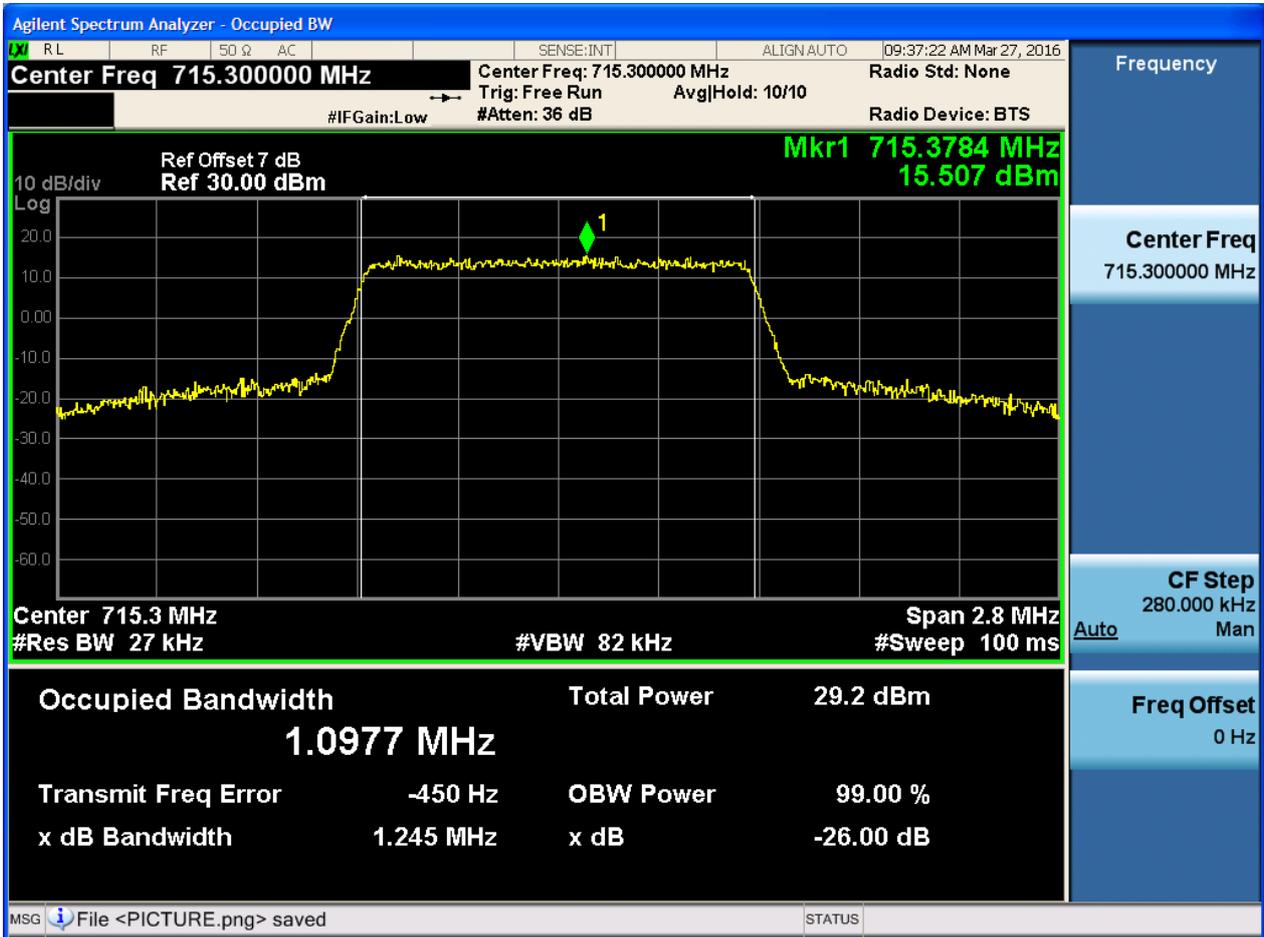
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

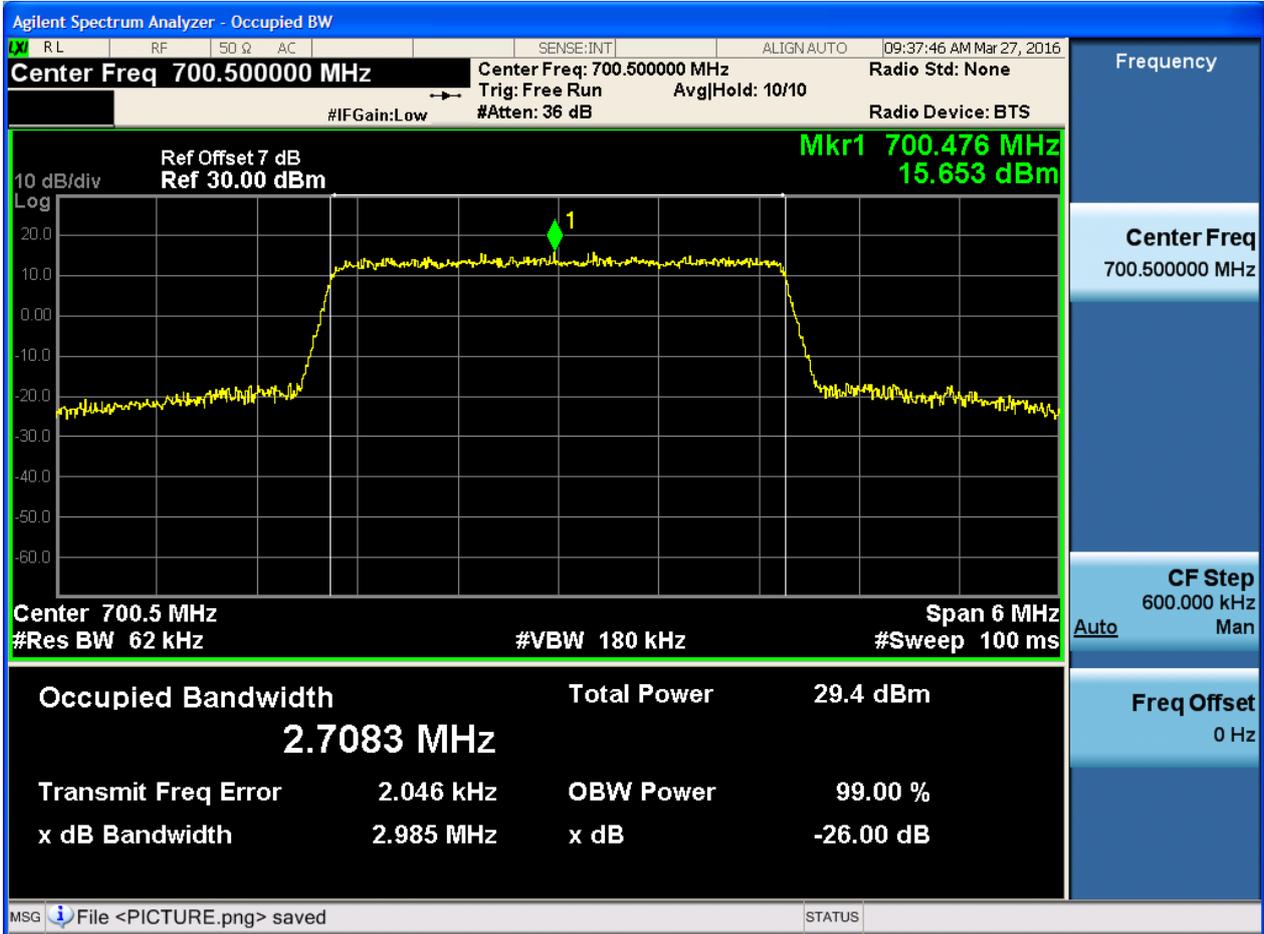




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

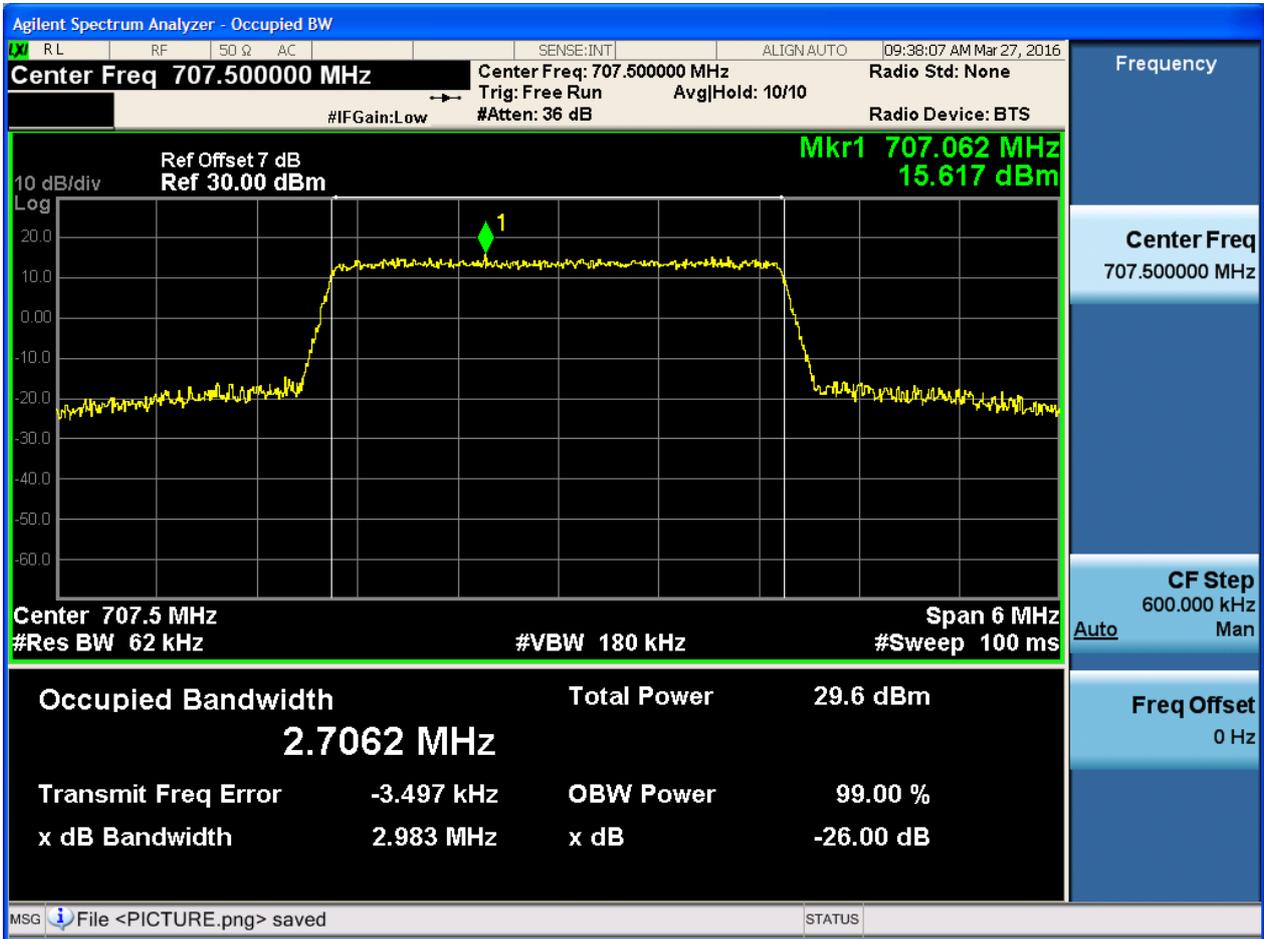
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

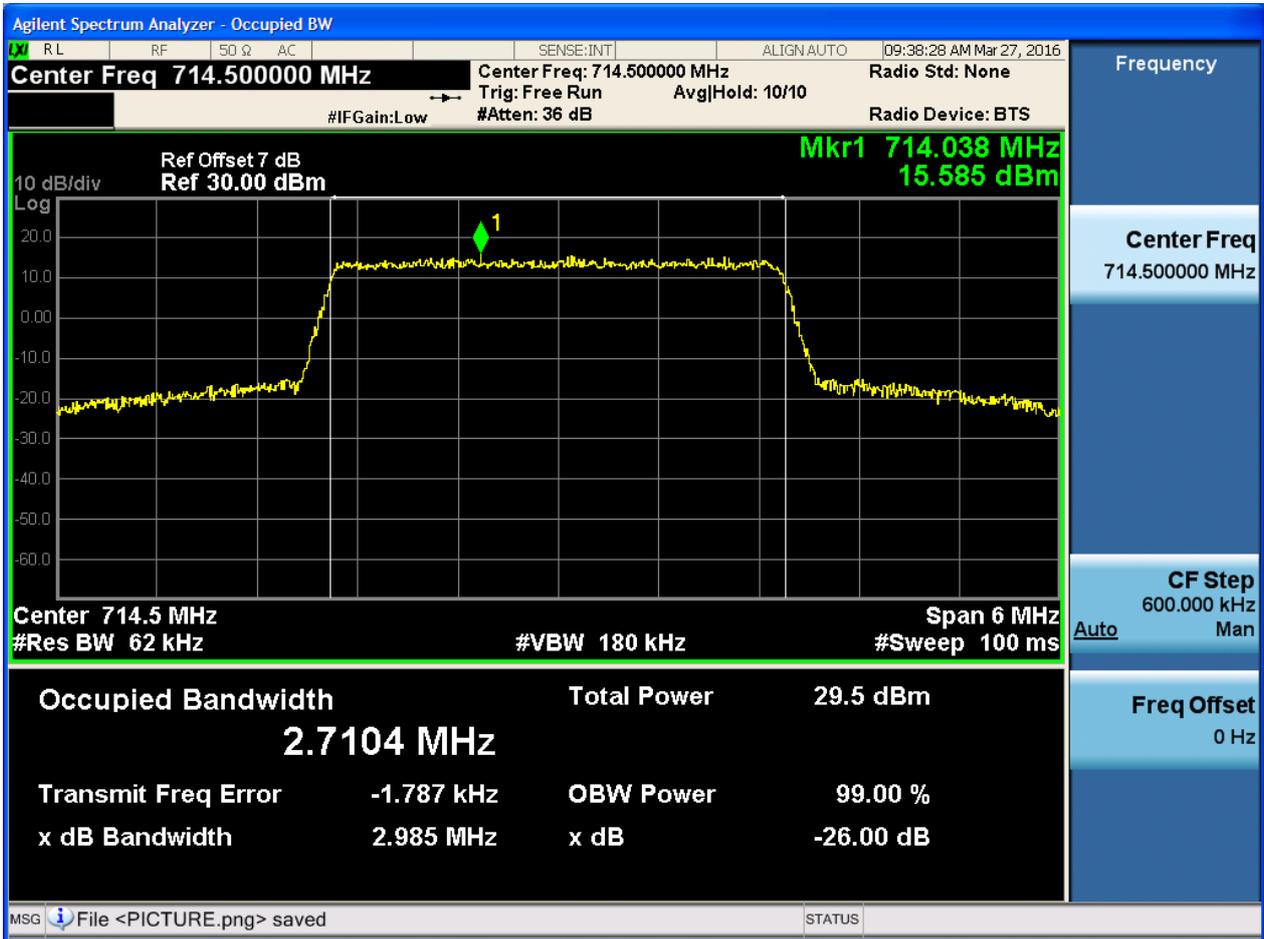
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

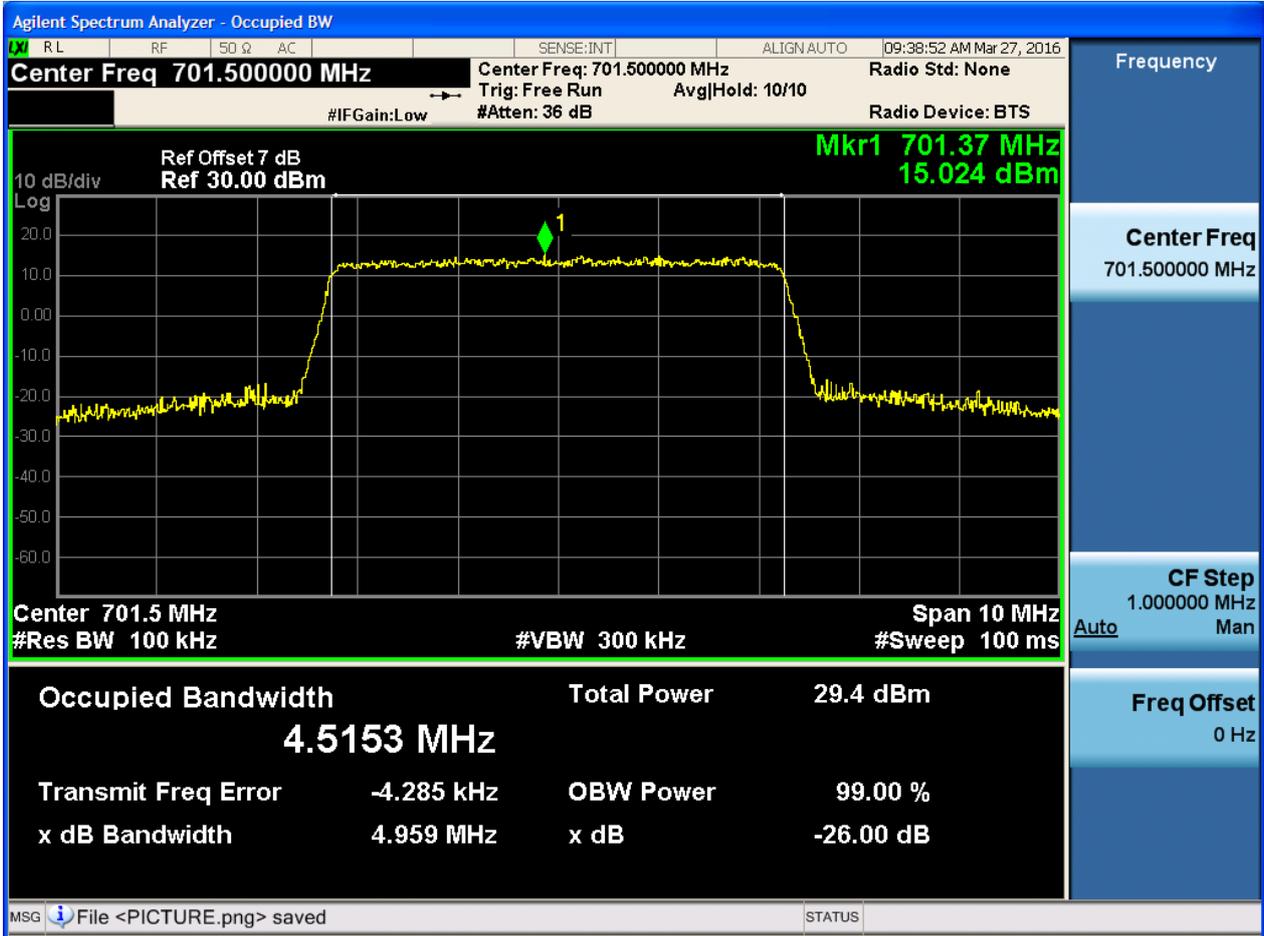




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

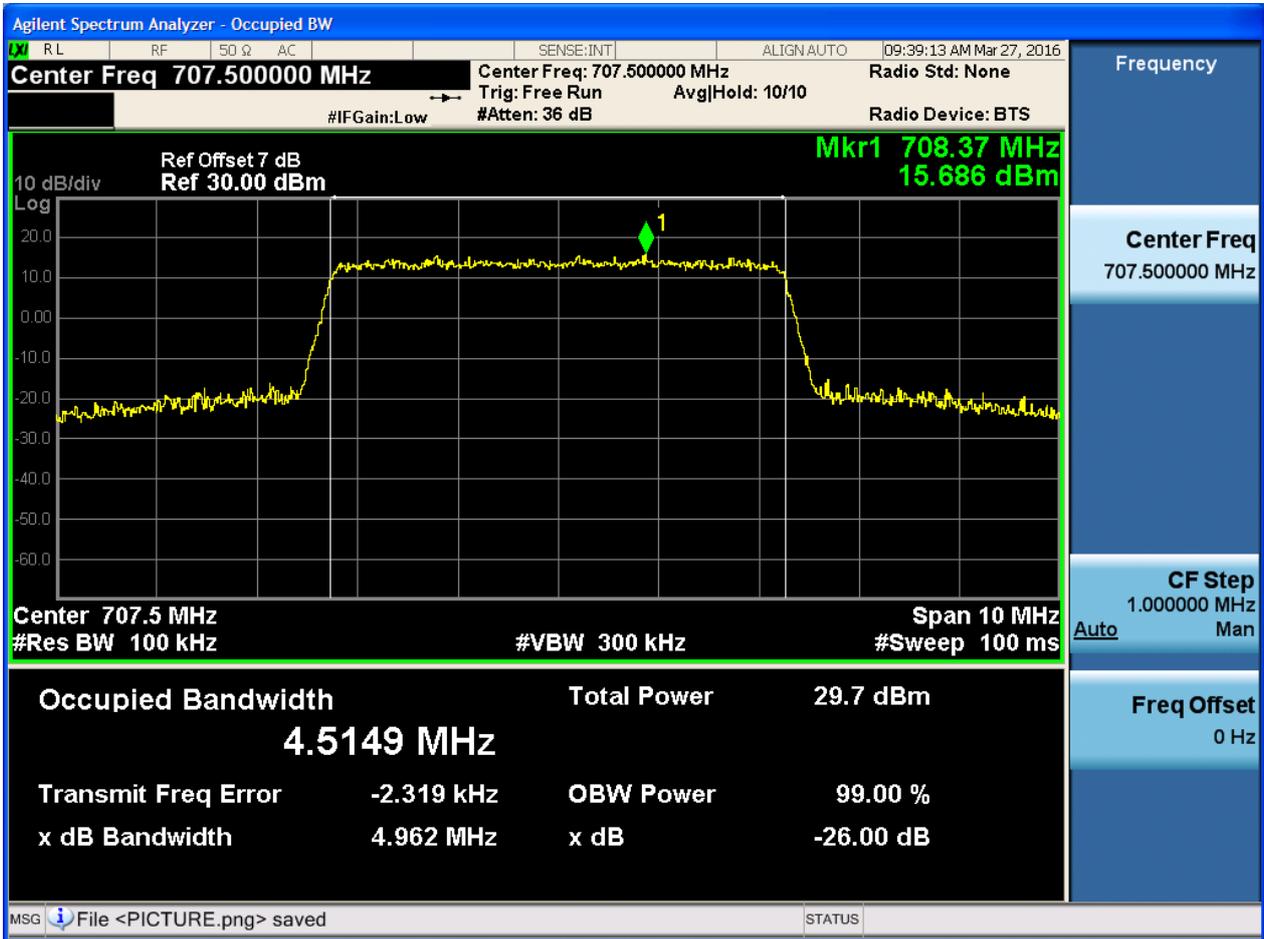
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

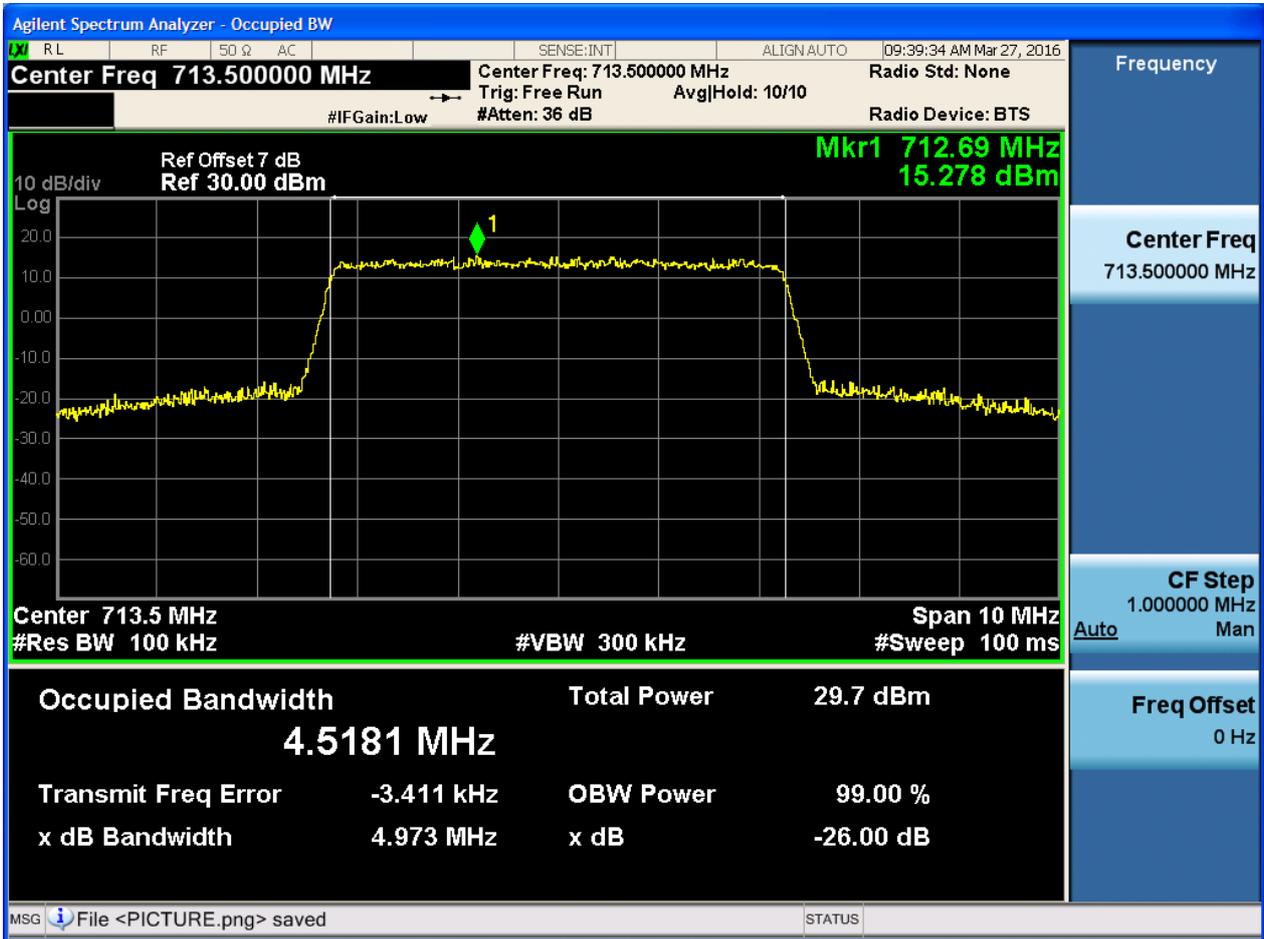
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

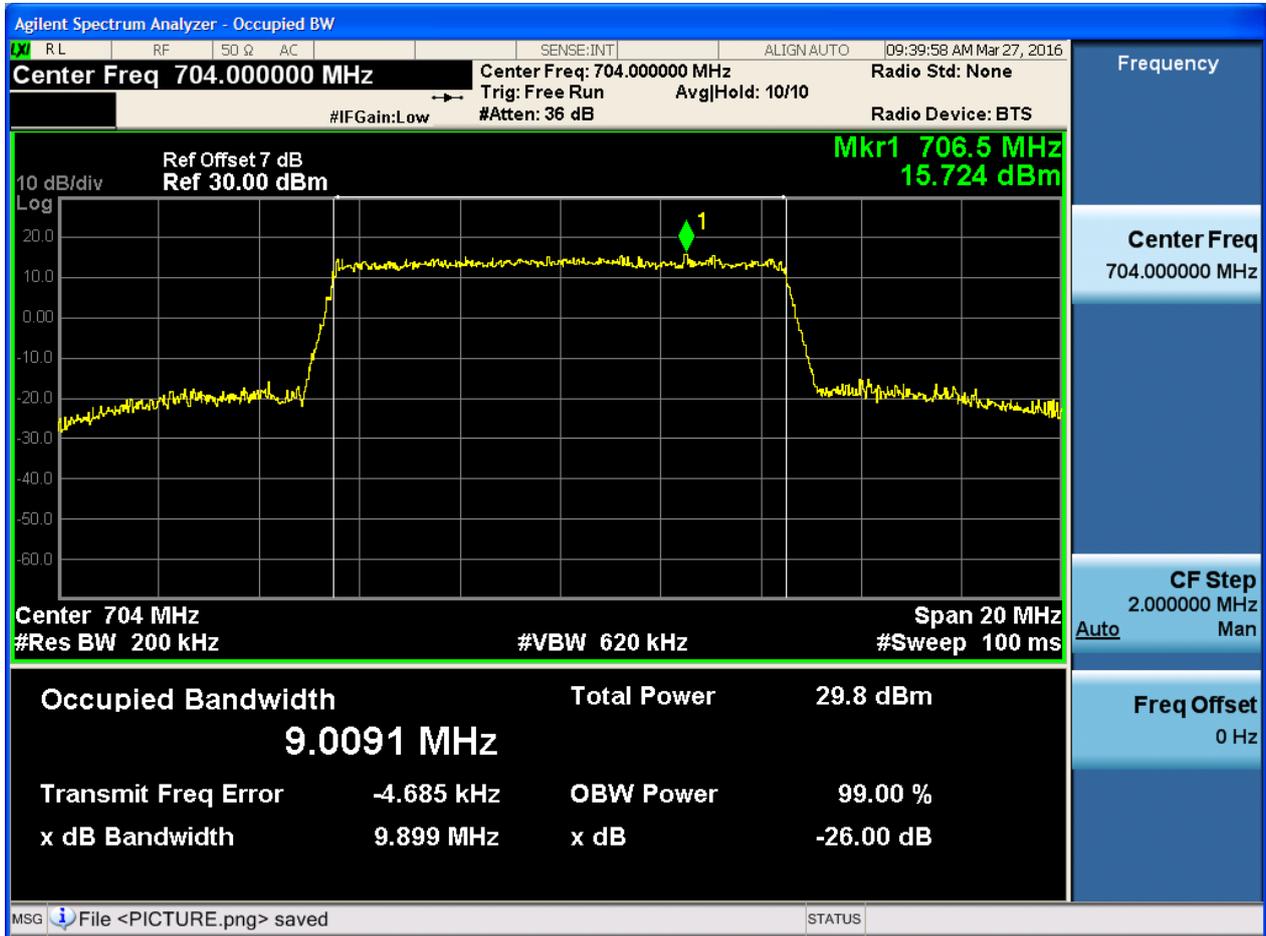




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

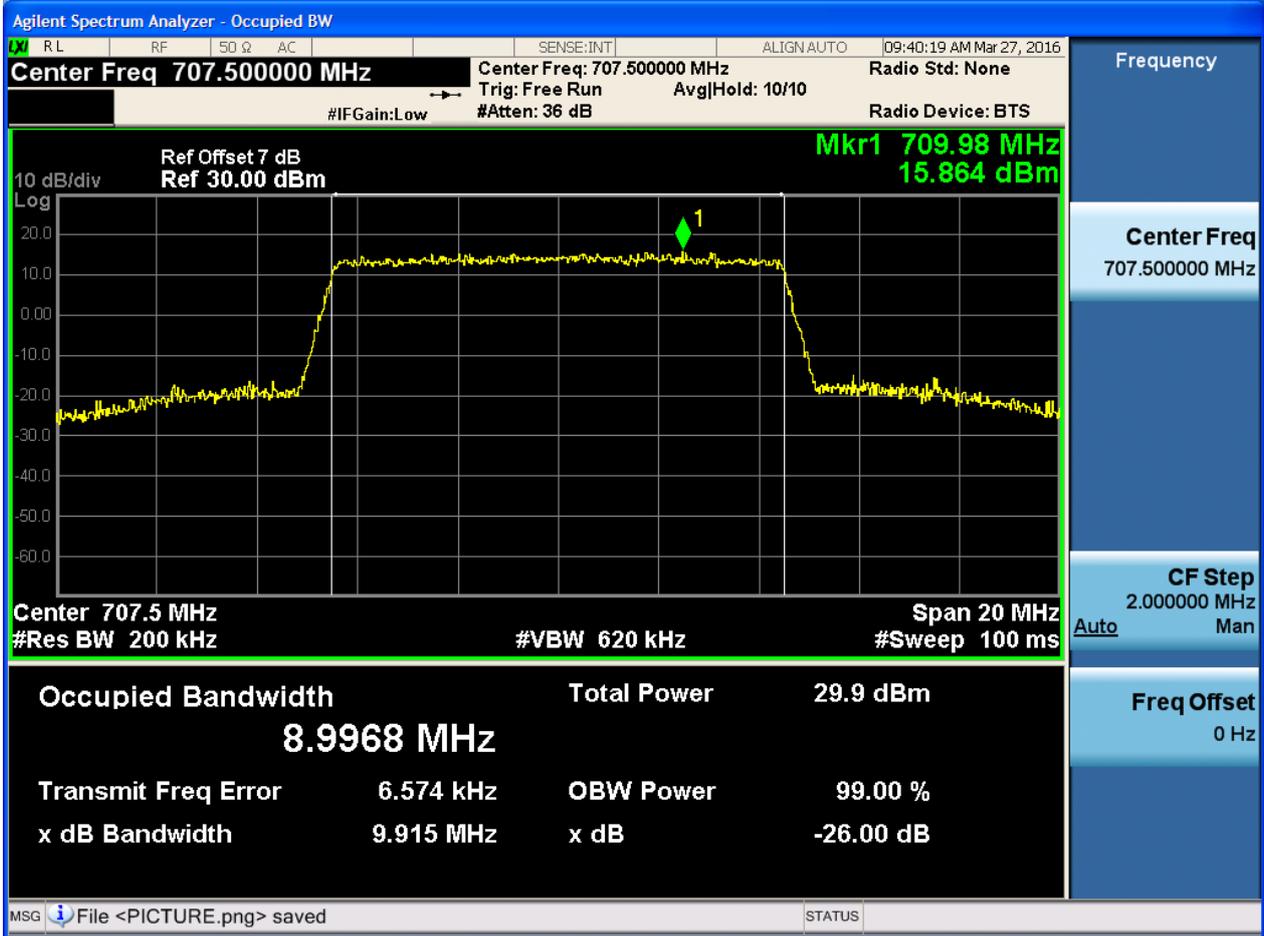
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

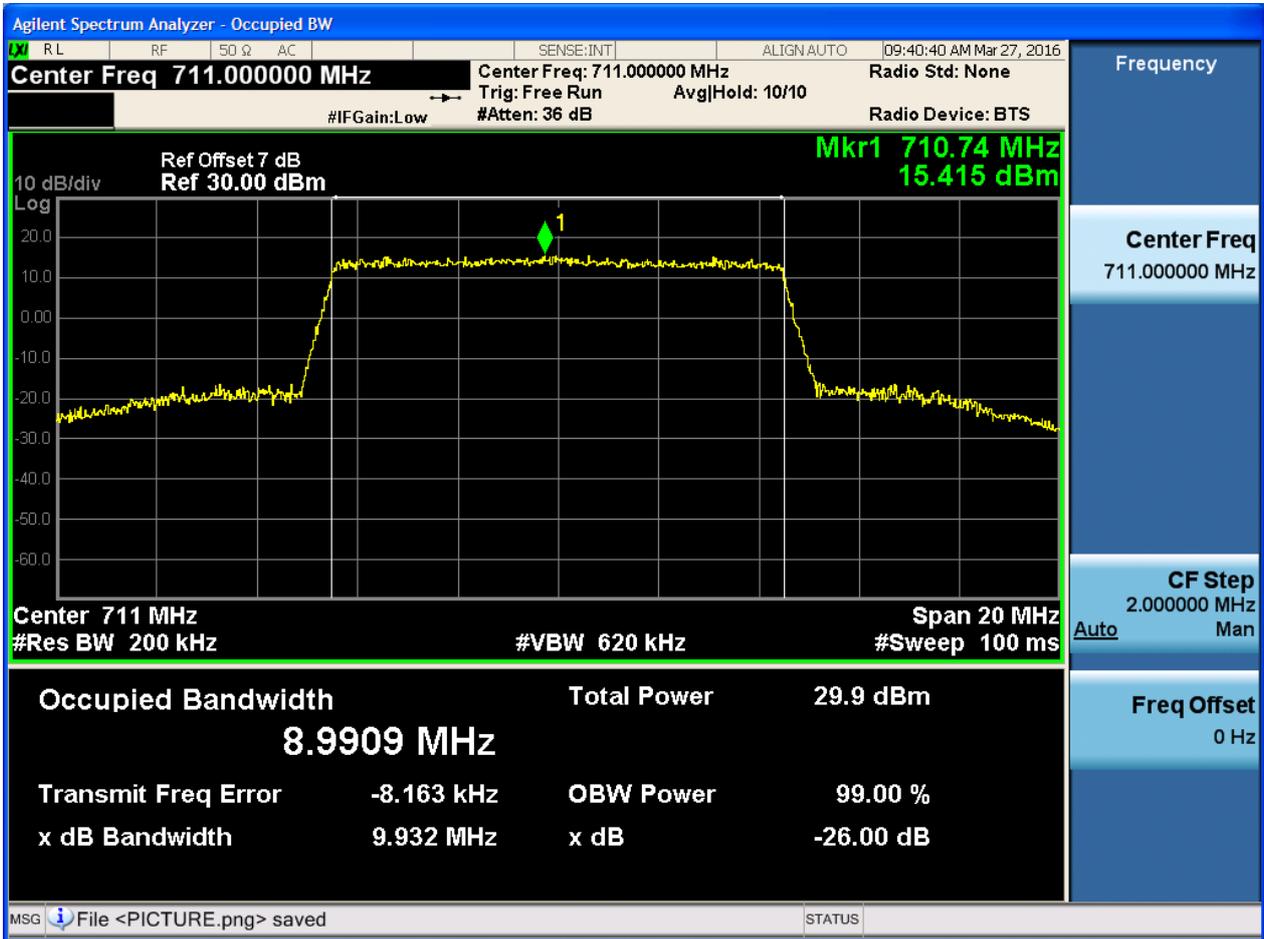
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0





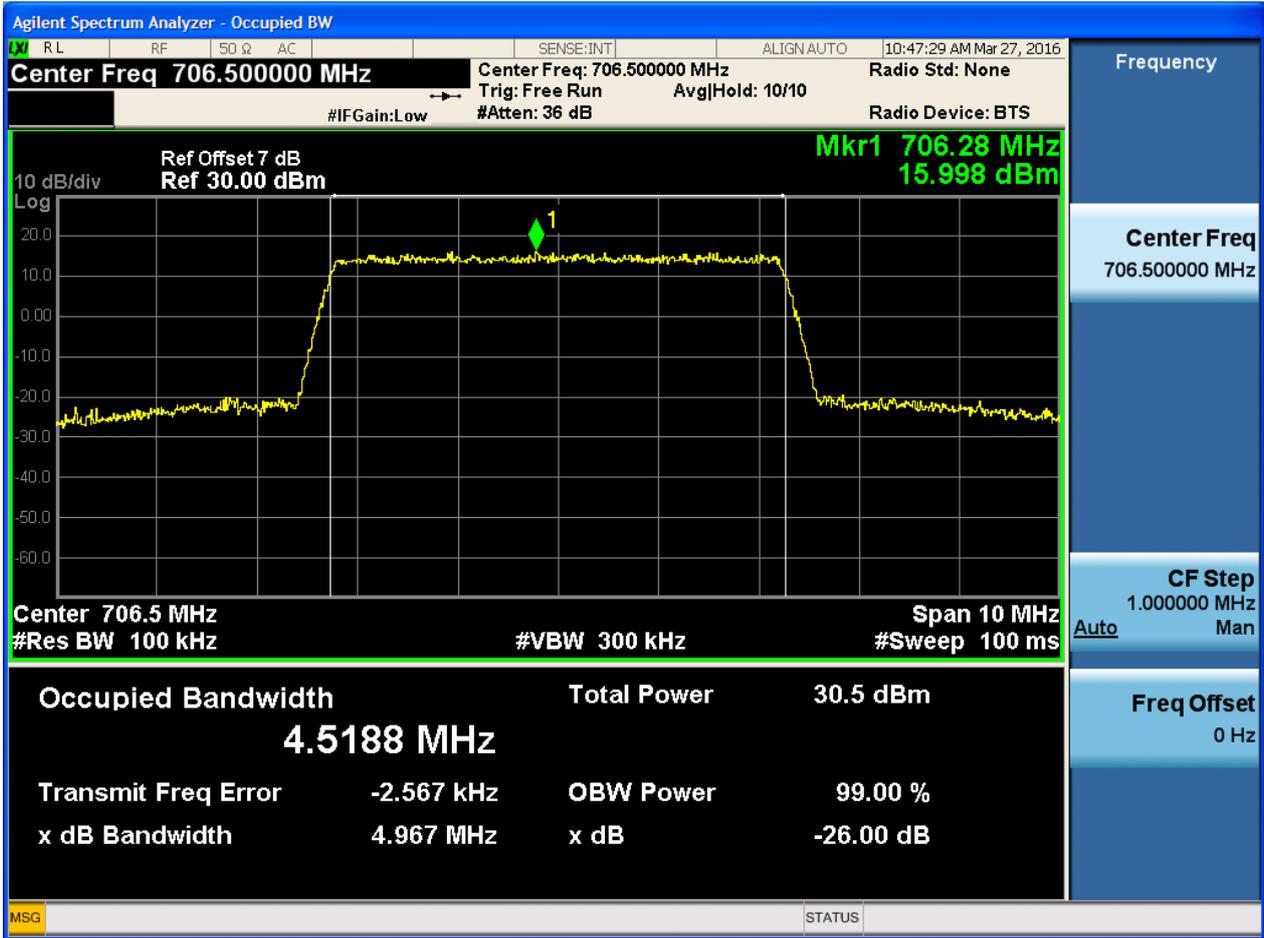
4.1.2 Test Band = BAND17

4.1.2.1 Test Mode = LTE/TM1

4.1.2.1.1 Test Bandwidth = 5

4.1.2.1.1.1 Test Channel = LCH

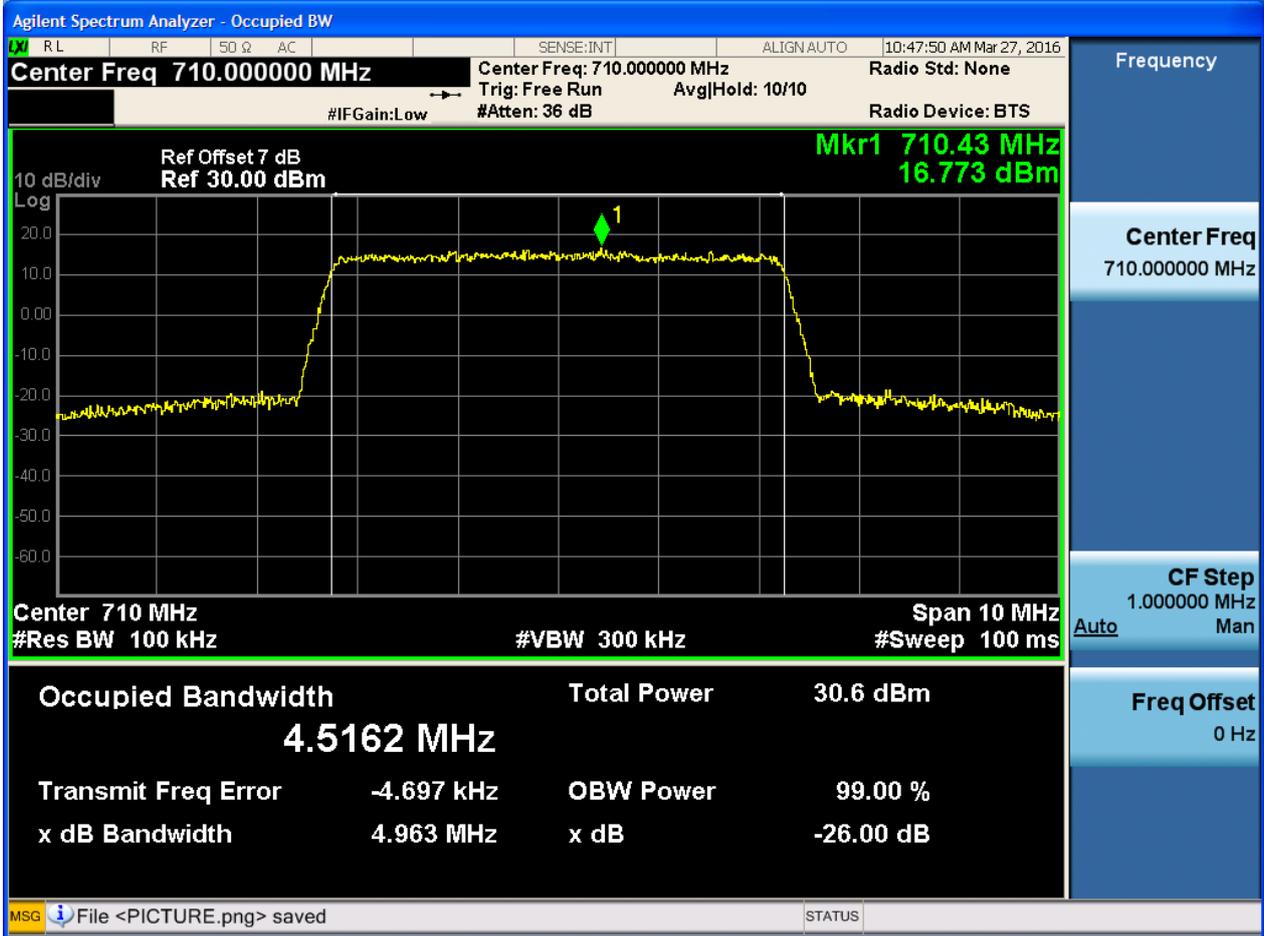
4.1.2.1.1.1.1 Test RB = RB25#0





4.1.2.1.1.2 Test Channel = MCH

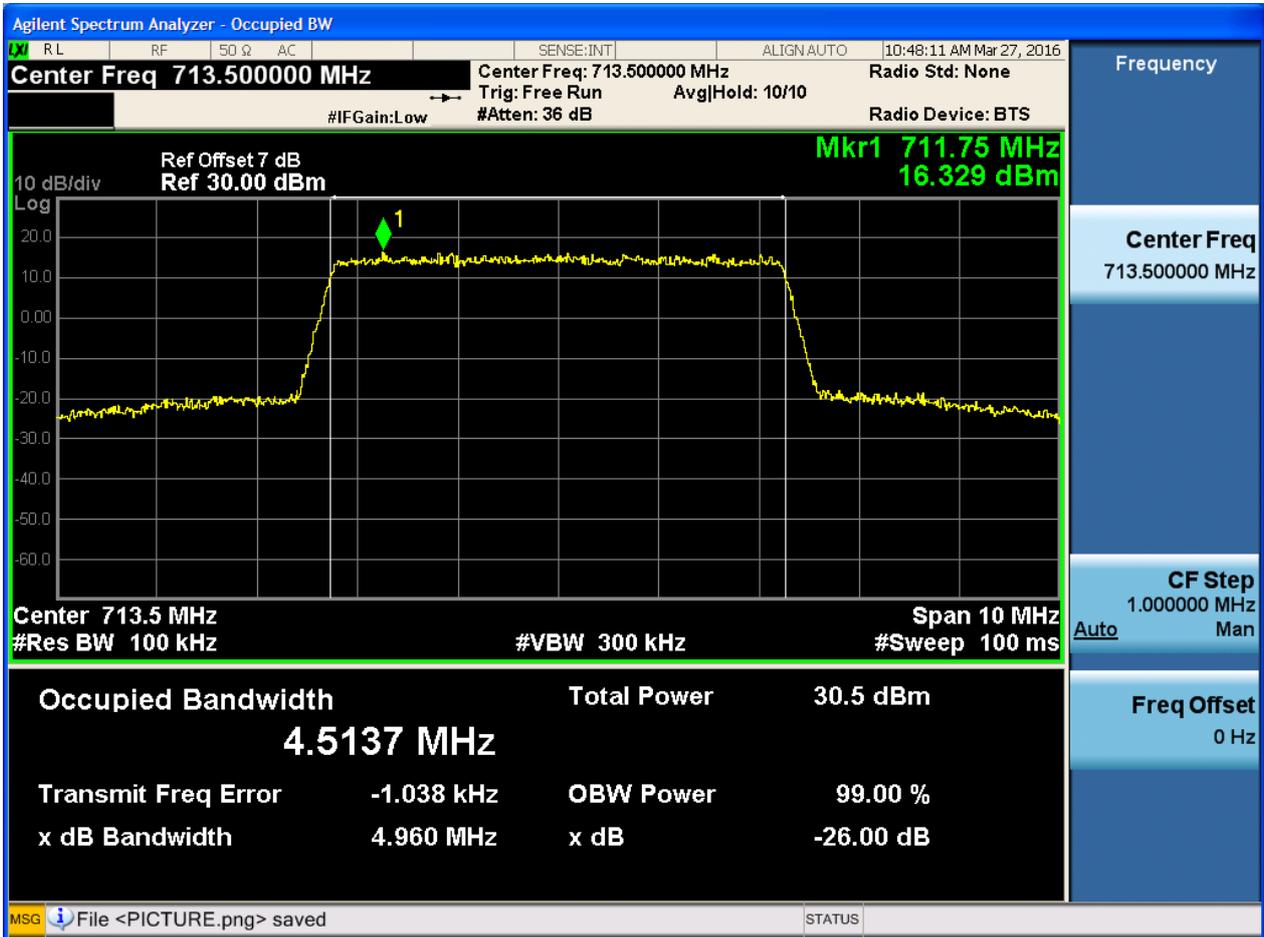
4.1.2.1.1.2.1 Test RB = RB25#0





4.1.2.1.1.3 Test Channel = HCH

4.1.2.1.1.3.1 Test RB = RB25#0





4.1.2.1.2 Test Bandwidth = 10

4.1.2.1.2.1 Test Channel = LCH

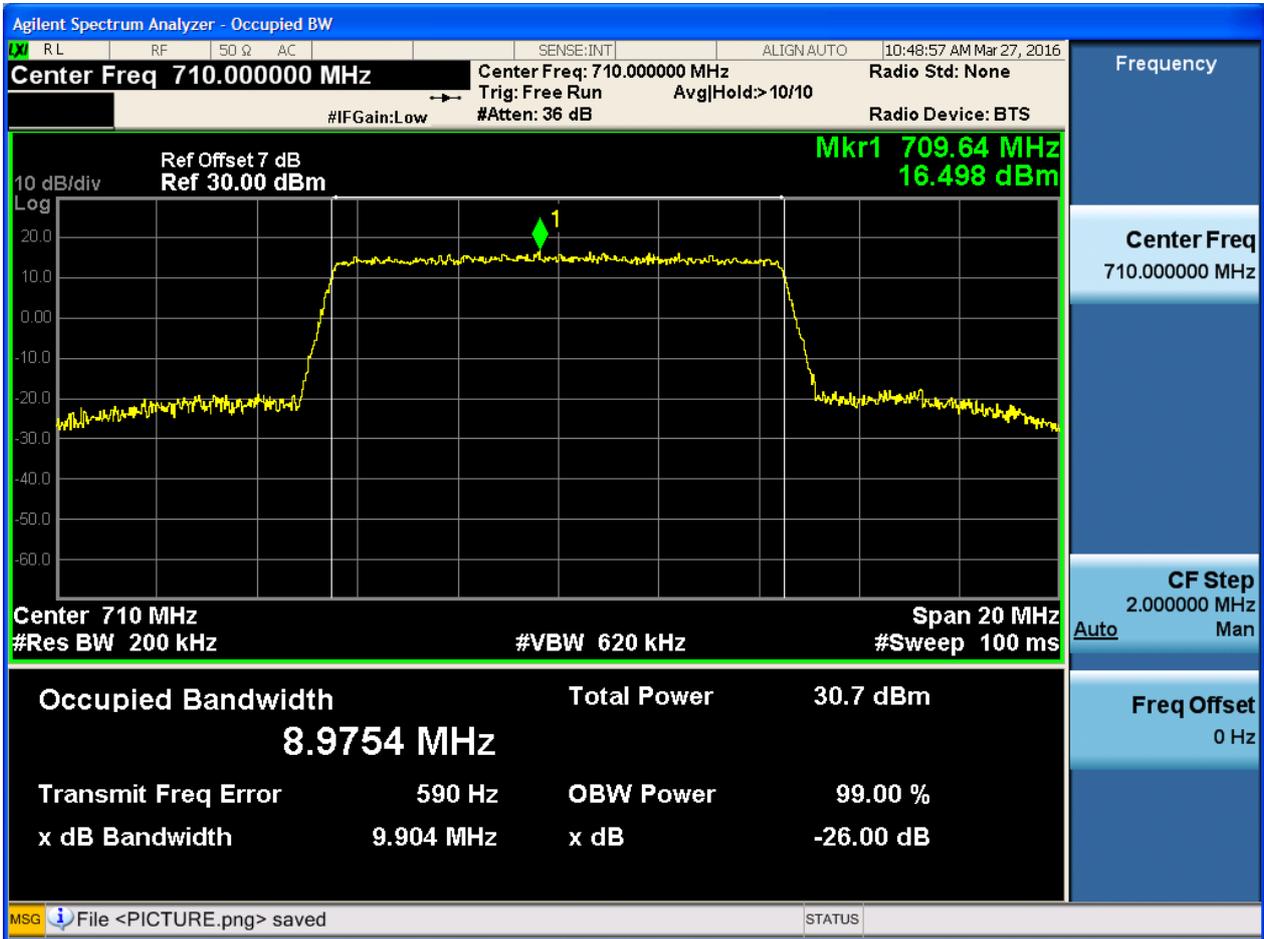
4.1.2.1.2.1.1 Test RB = RB50#0





4.1.2.1.2.2 Test Channel = MCH

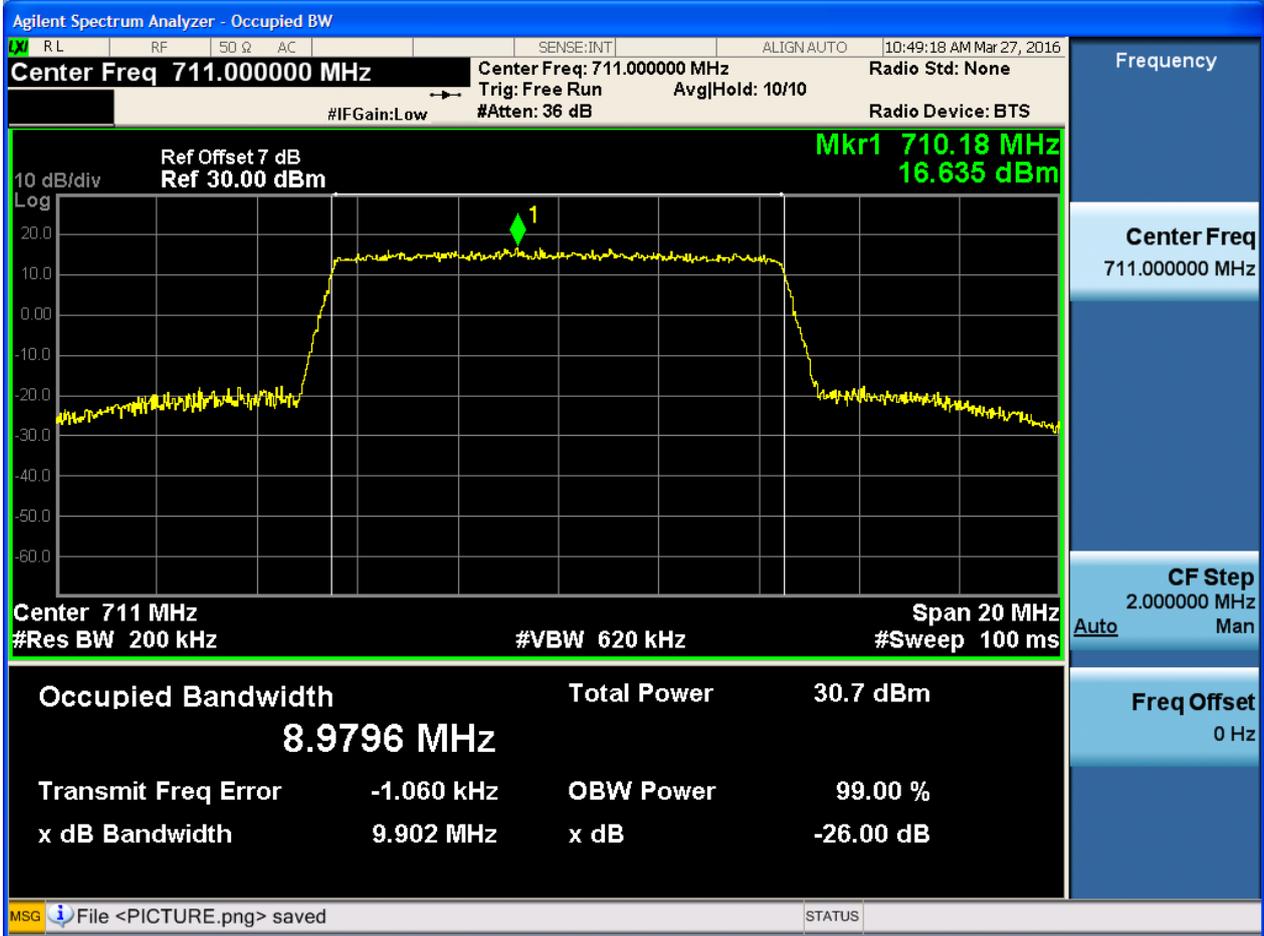
4.1.2.1.2.2.1 Test RB = RB50#0





4.1.2.1.2.3 Test Channel = HCH

4.1.2.1.2.3.1 Test RB = RB50#0



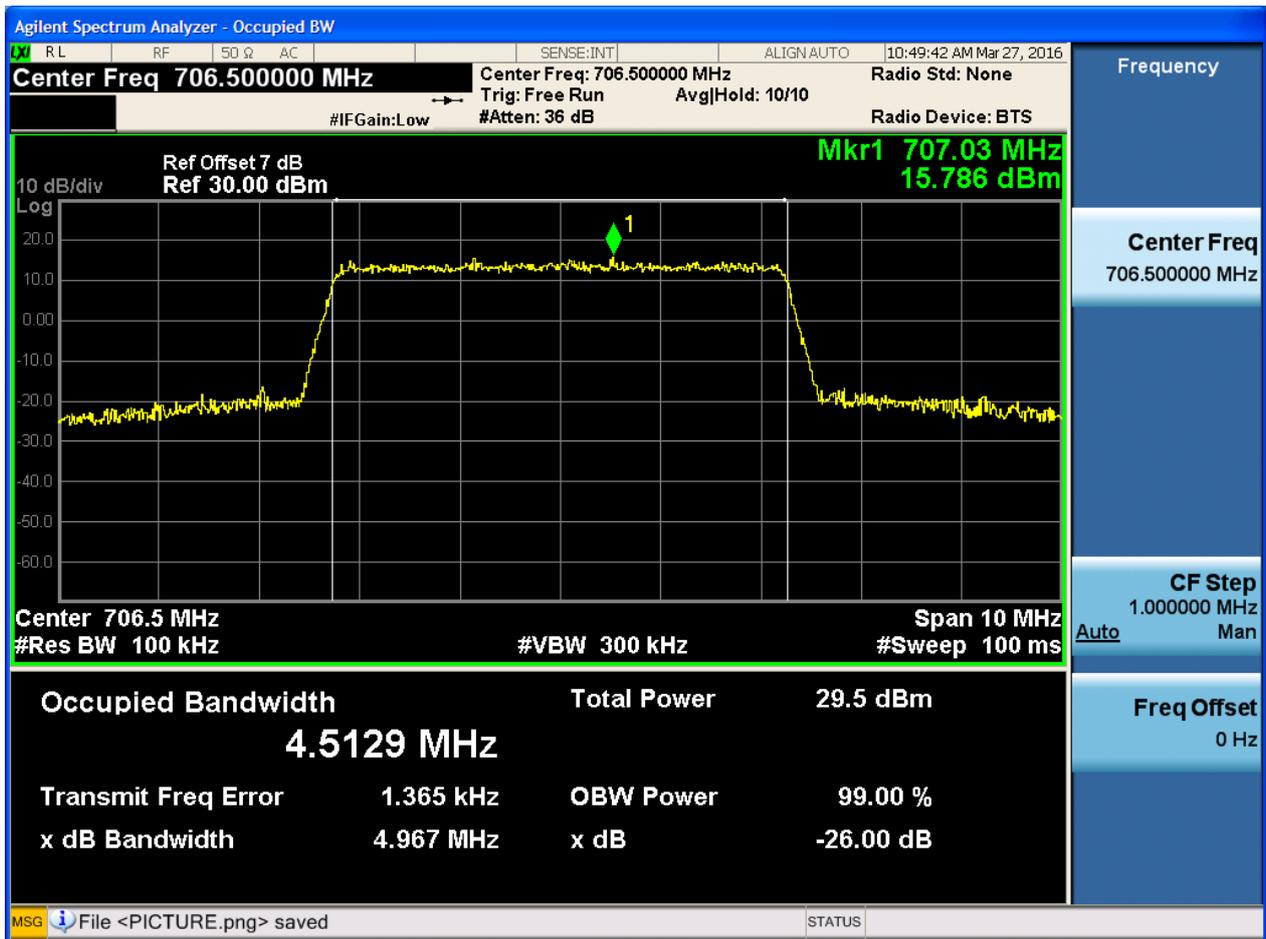


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 5

4.1.2.2.1.1 Test Channel = LCH

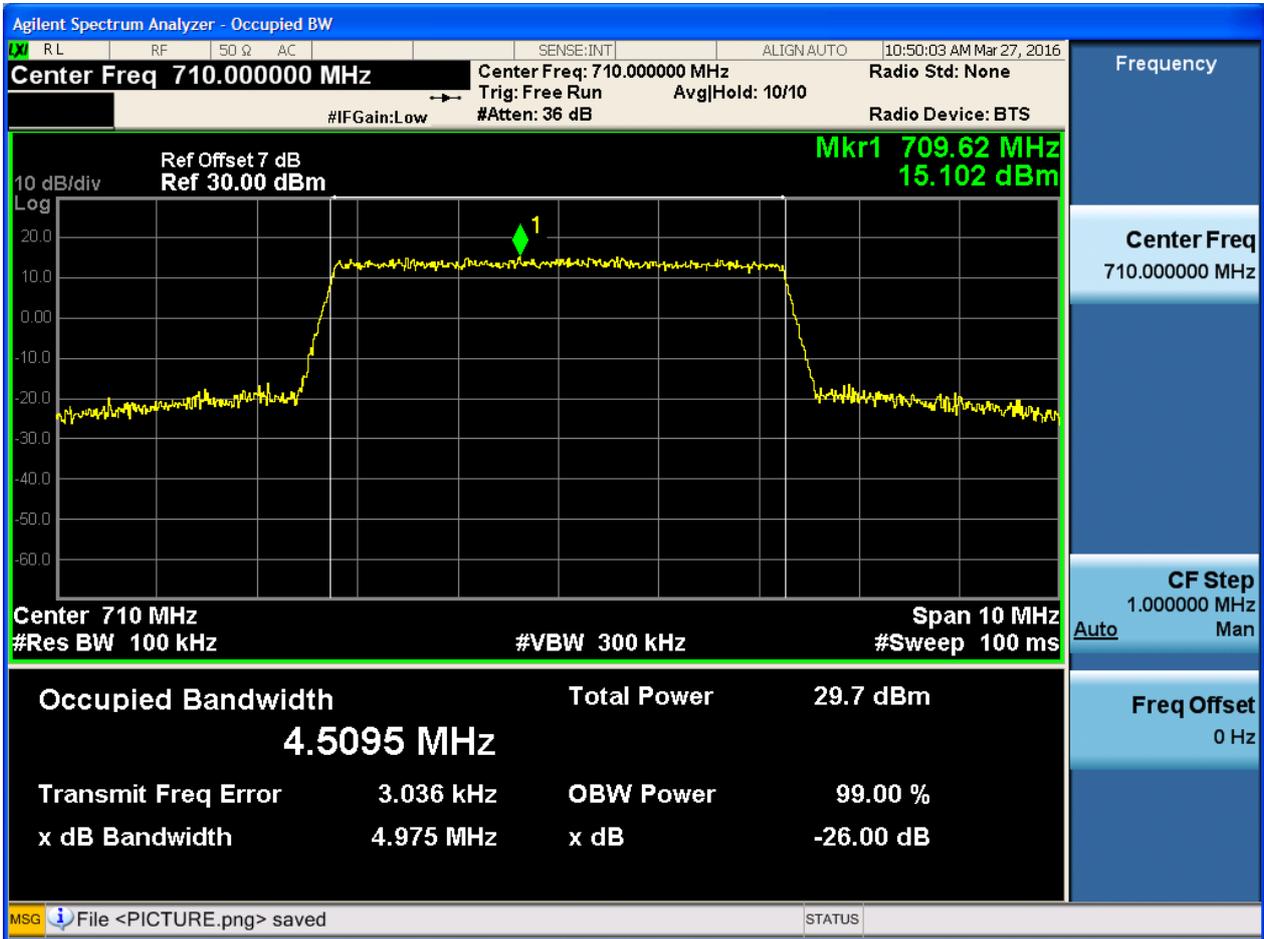
4.1.2.2.1.1.1 Test RB = RB25#0





4.1.2.2.1.2 Test Channel = MCH

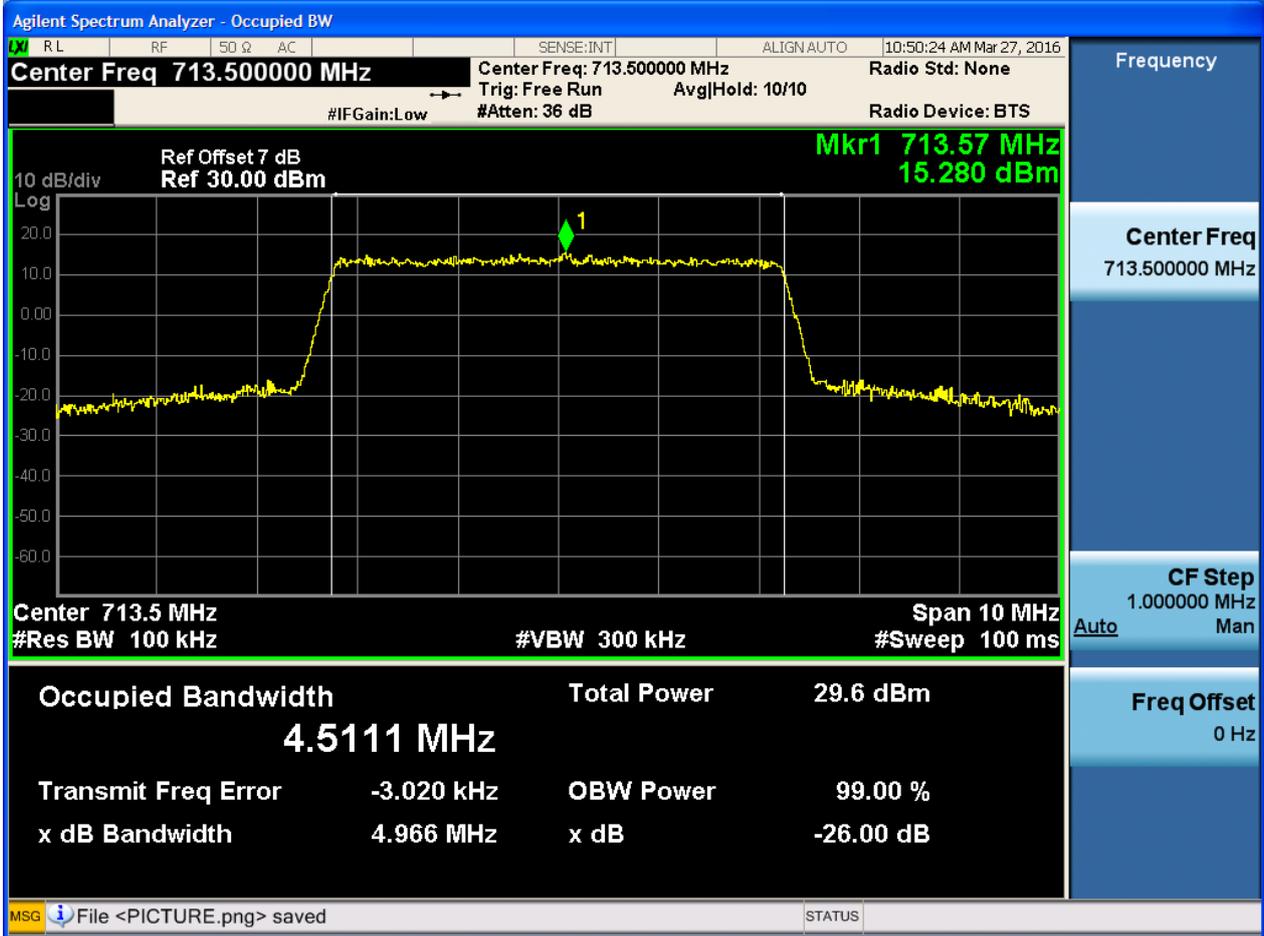
4.1.2.2.1.2.1 Test RB = RB25#0





4.1.2.2.1.3 Test Channel = HCH

4.1.2.2.1.3.1 Test RB = RB25#0





4.1.2.2.2 Test Bandwidth = 10

4.1.2.2.2.1 Test Channel = LCH

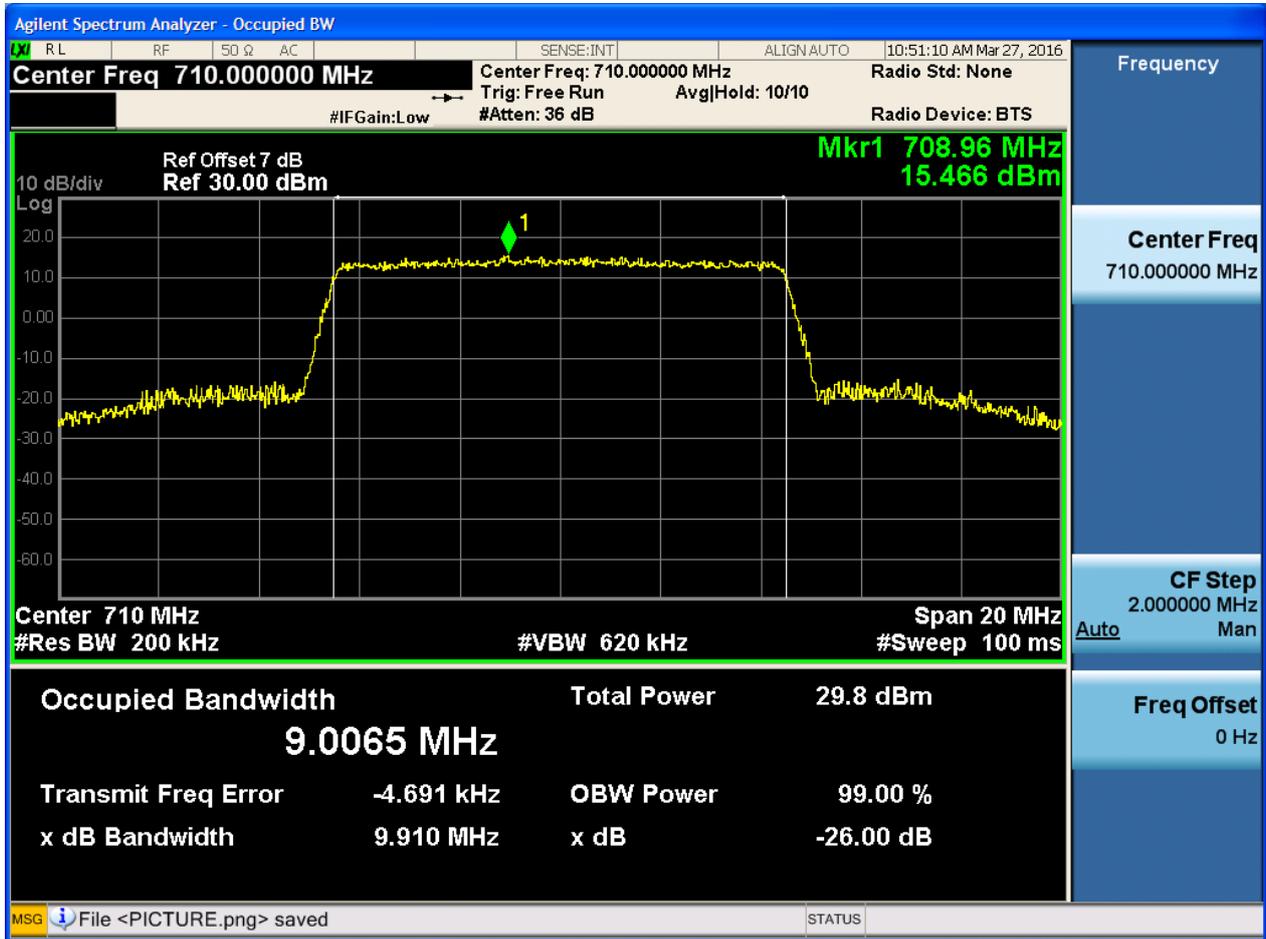
4.1.2.2.2.1.1 Test RB = RB50#0





4.1.2.2.2 Test Channel = MCH

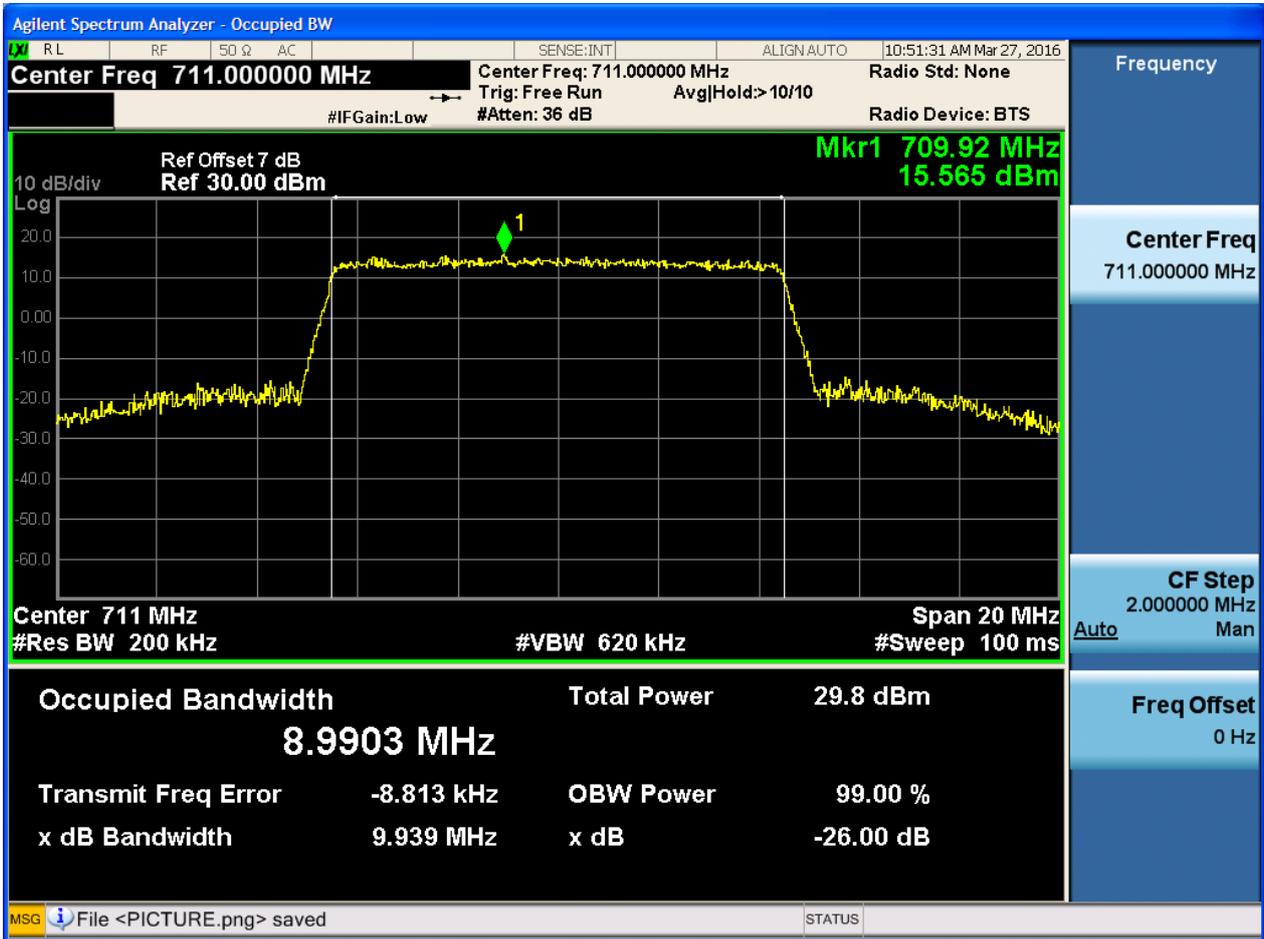
4.1.2.2.2.1 Test RB = RB50#0





4.1.2.2.2.3 Test Channel = HCH

4.1.2.2.2.3.1 Test RB = RB50#0





5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

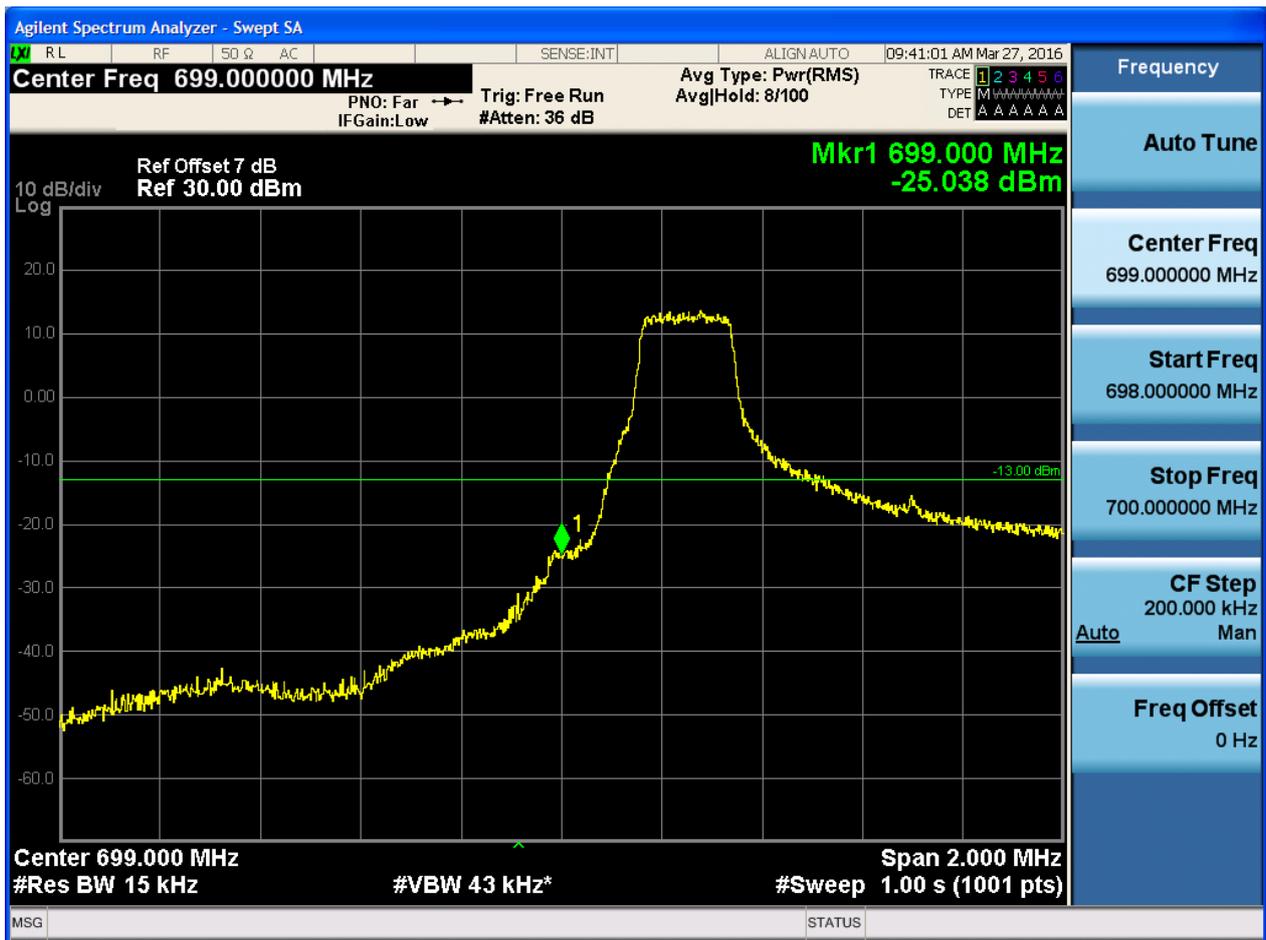
5.1.1 Test Band = BAND12

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5



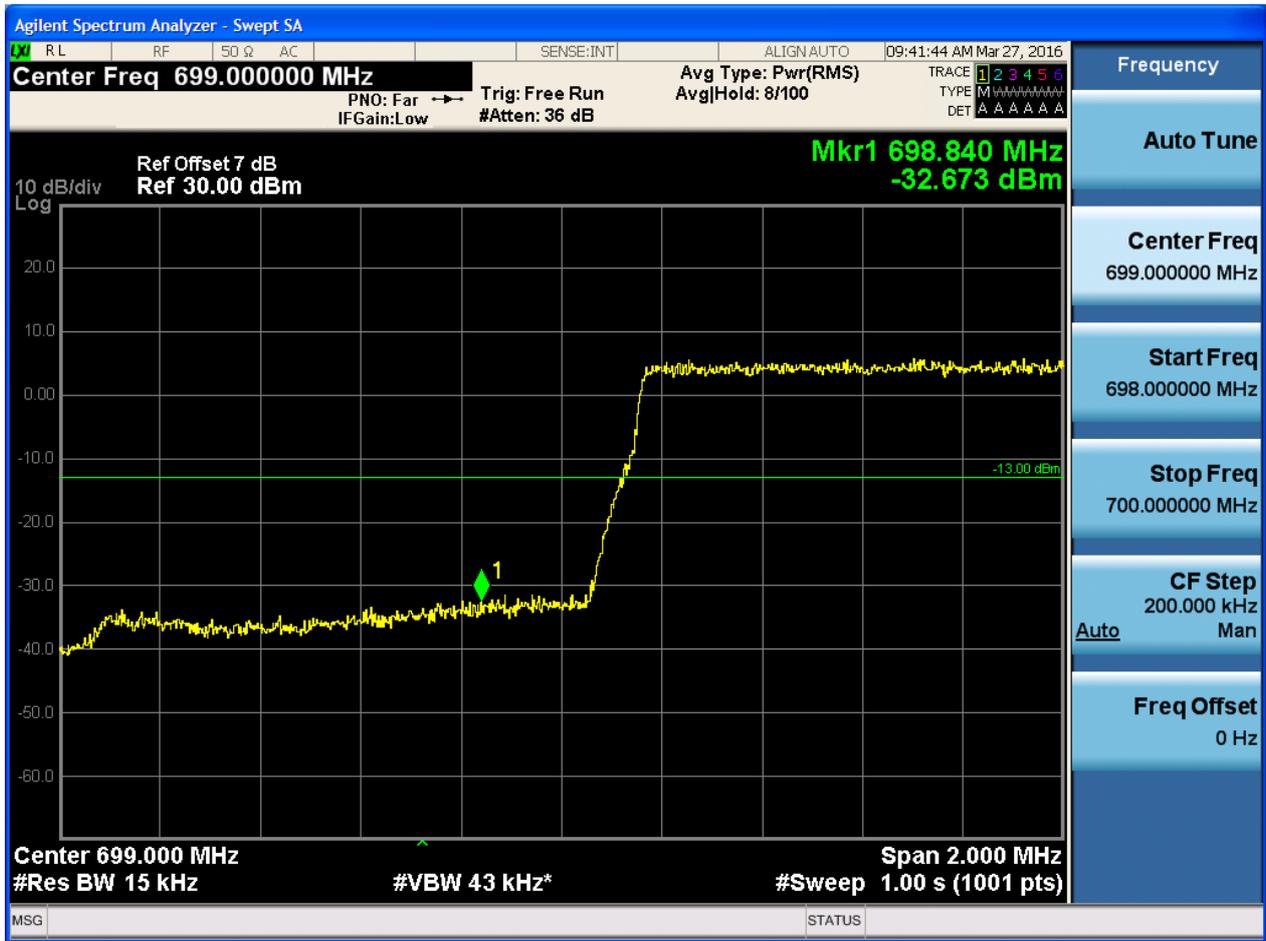


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

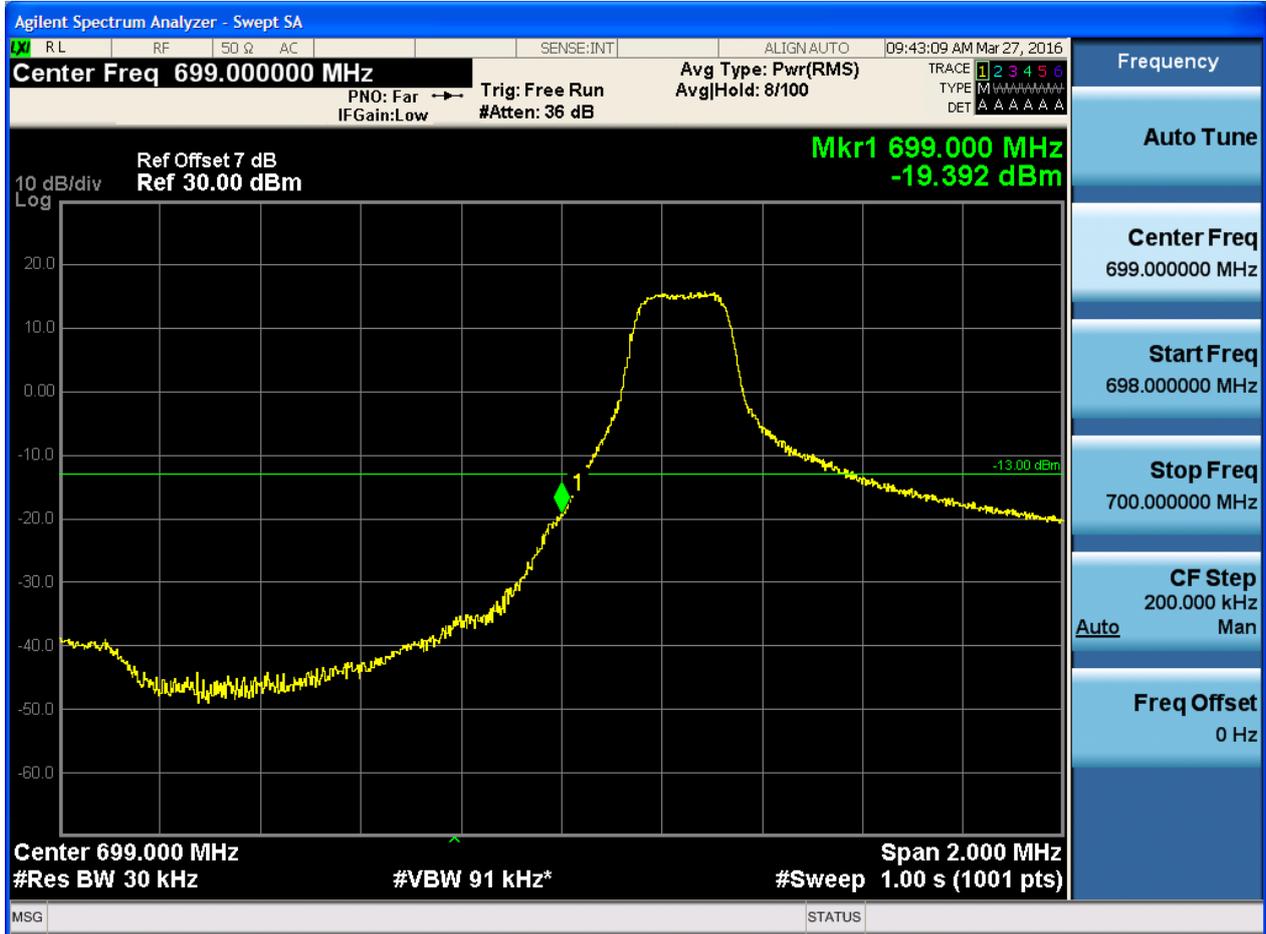




5.1.1.1.2 Test Bandwidth = 3

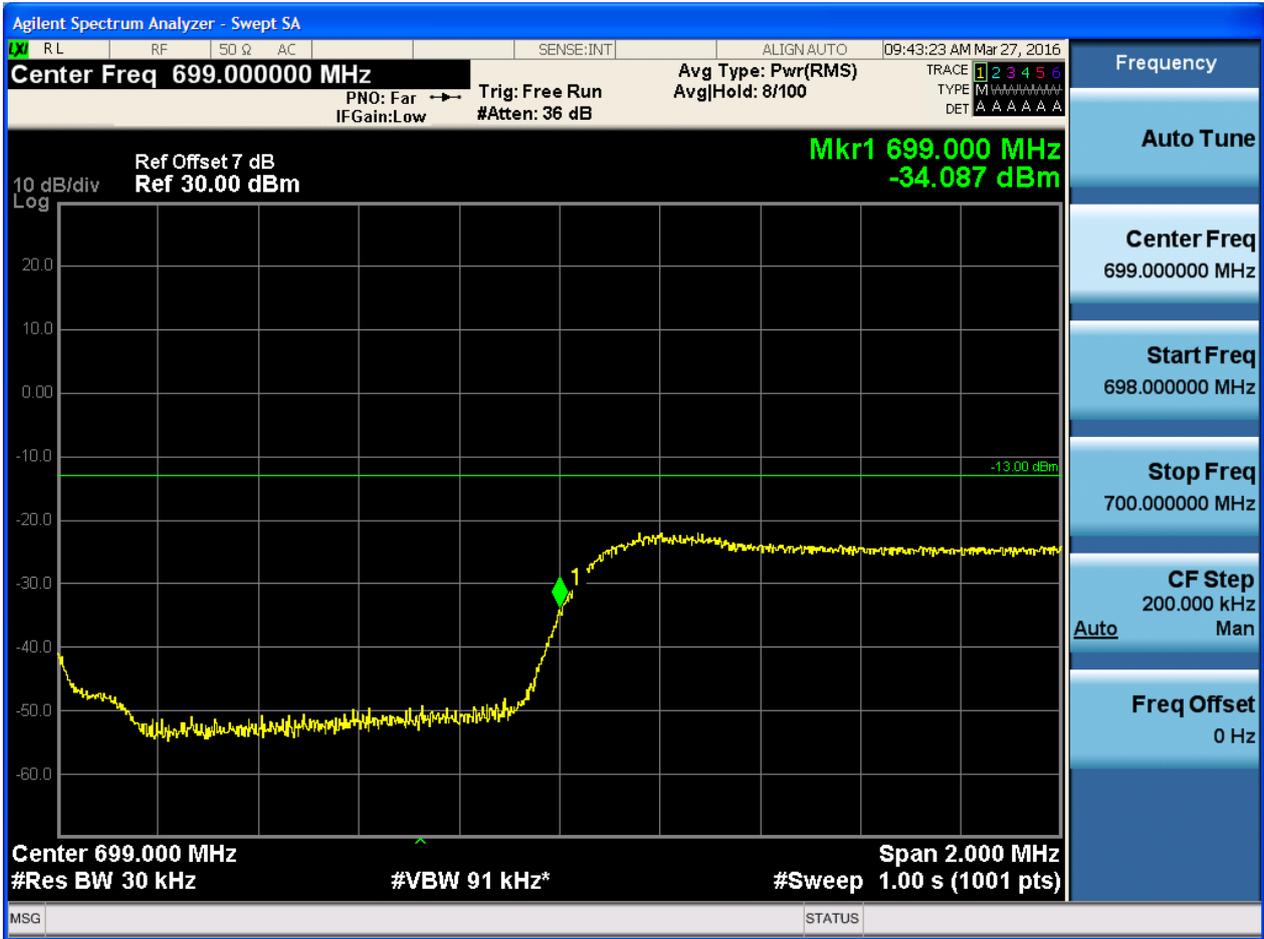
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



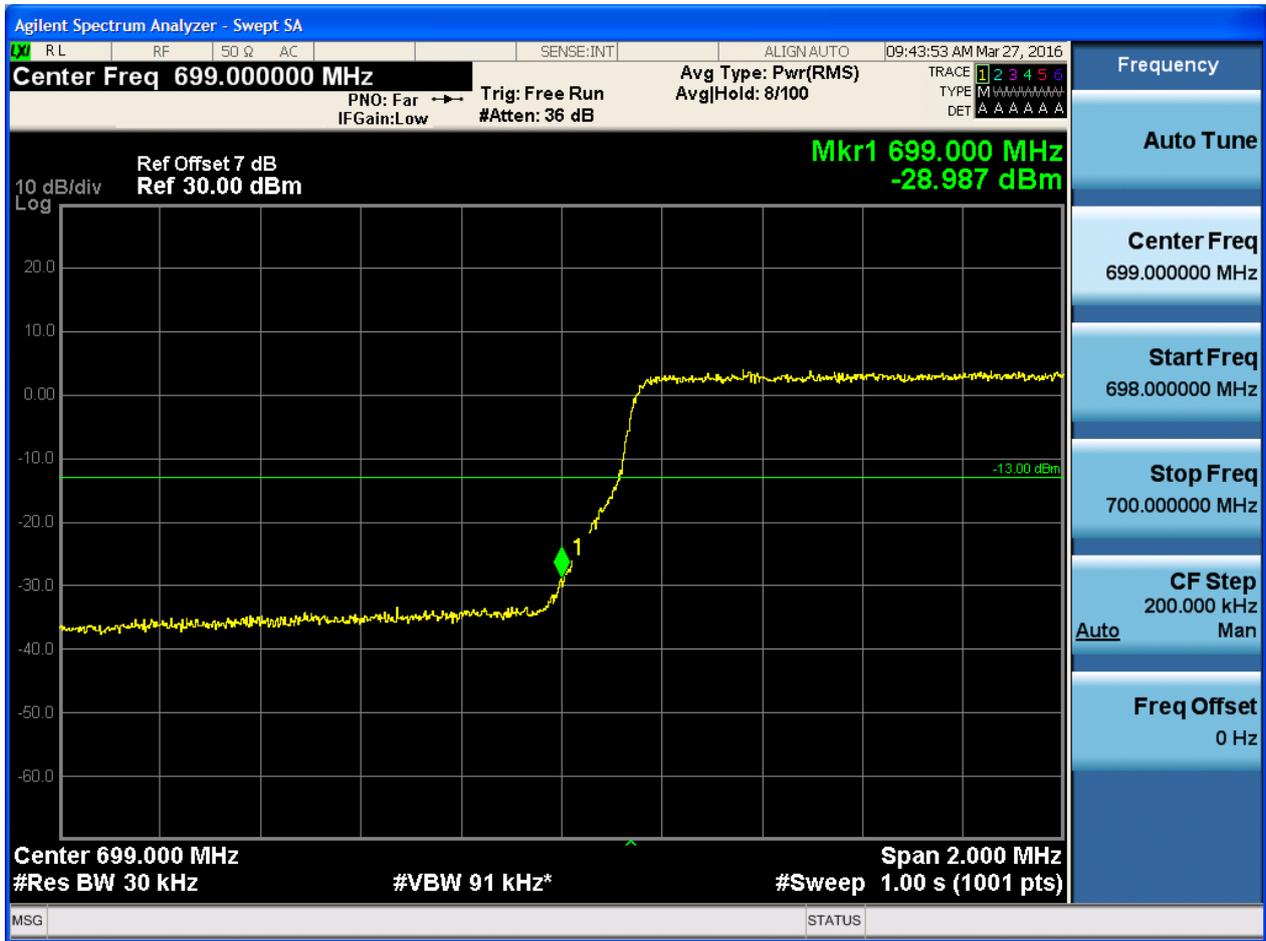


5.1.1.1.2.1.3 Test RB = RB8#4





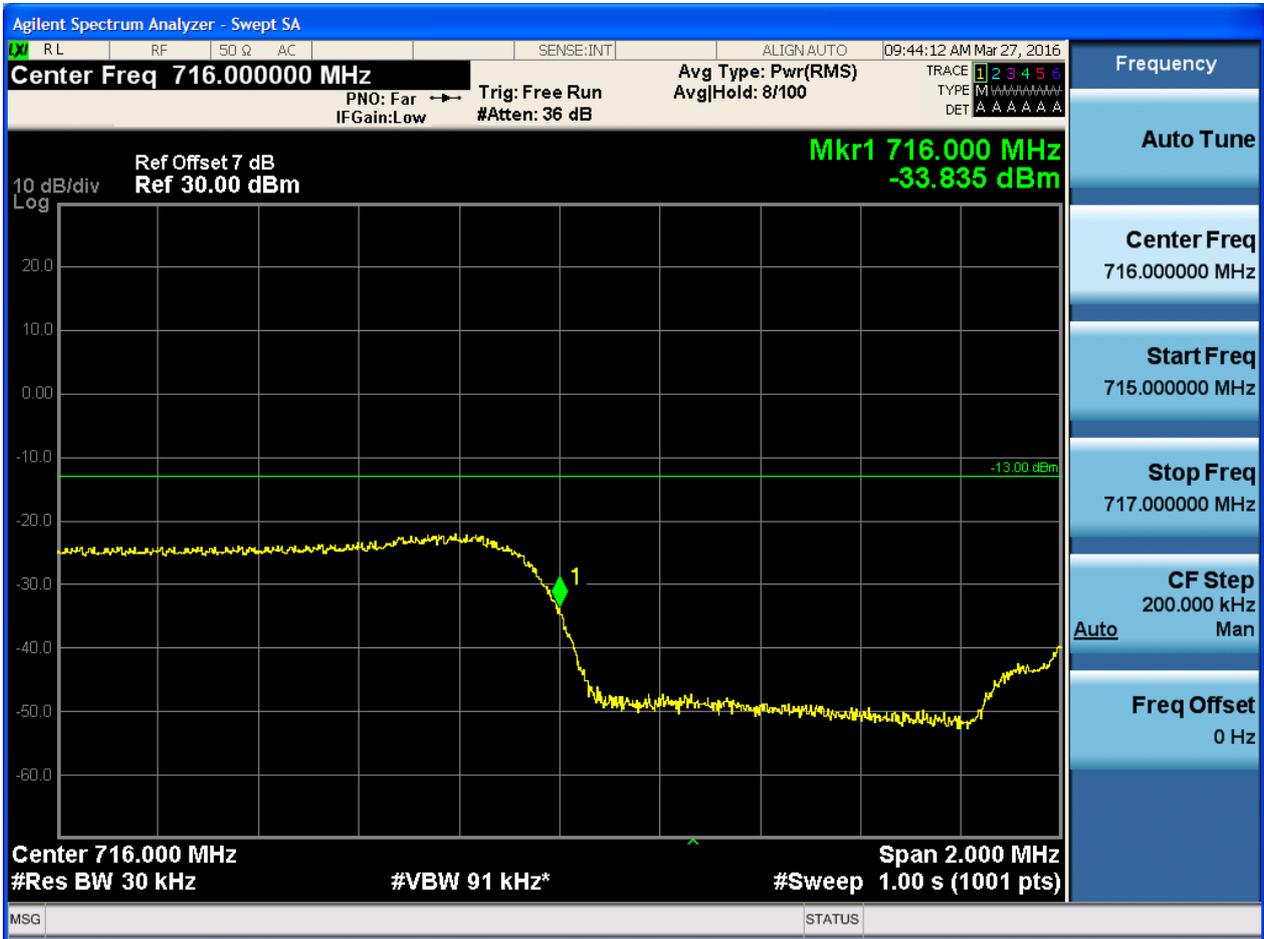
5.1.1.1.2.1.4 Test RB = RB15#0





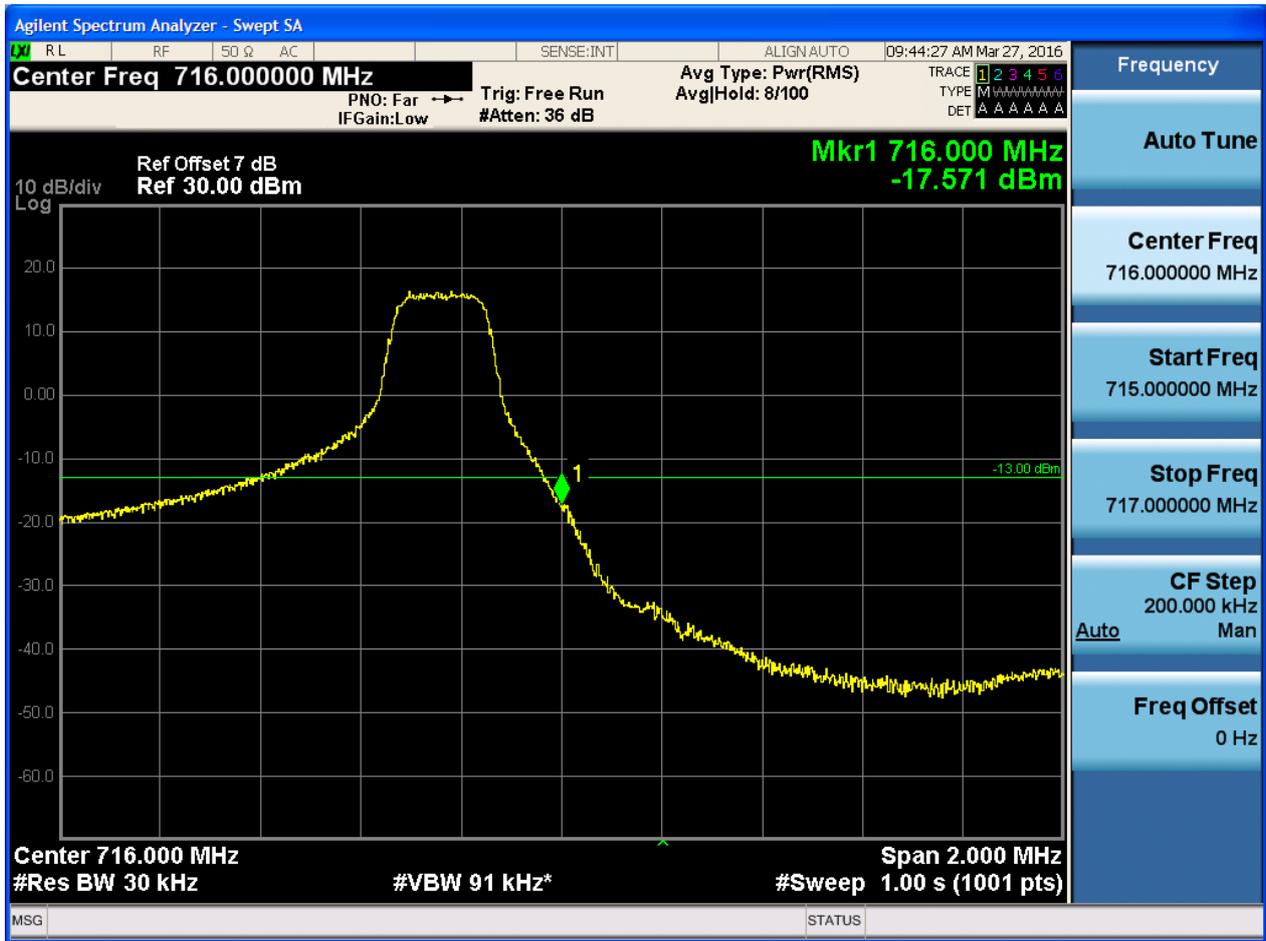
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



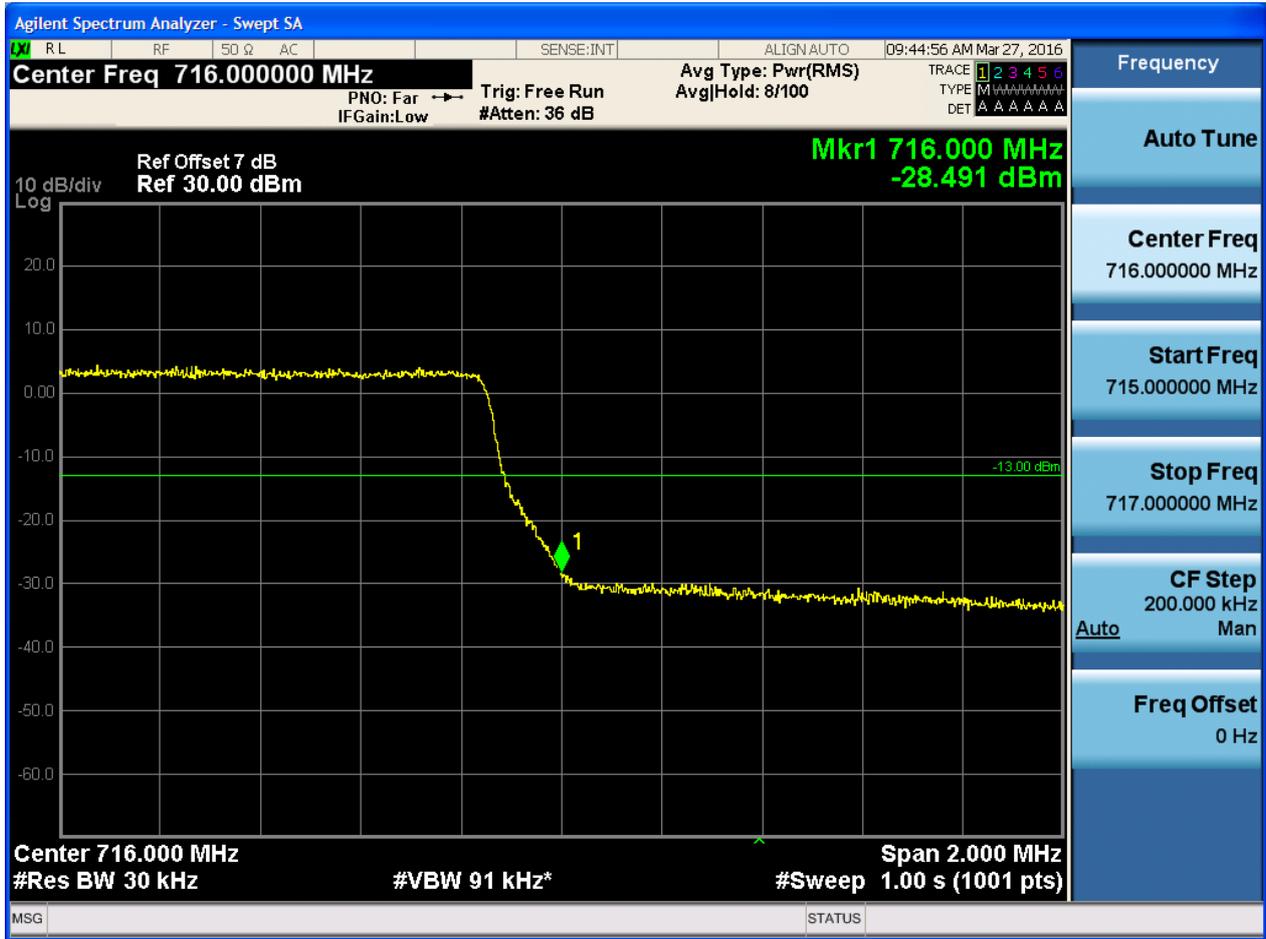


5.1.1.1.2.2.3 Test RB = RB8#4





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





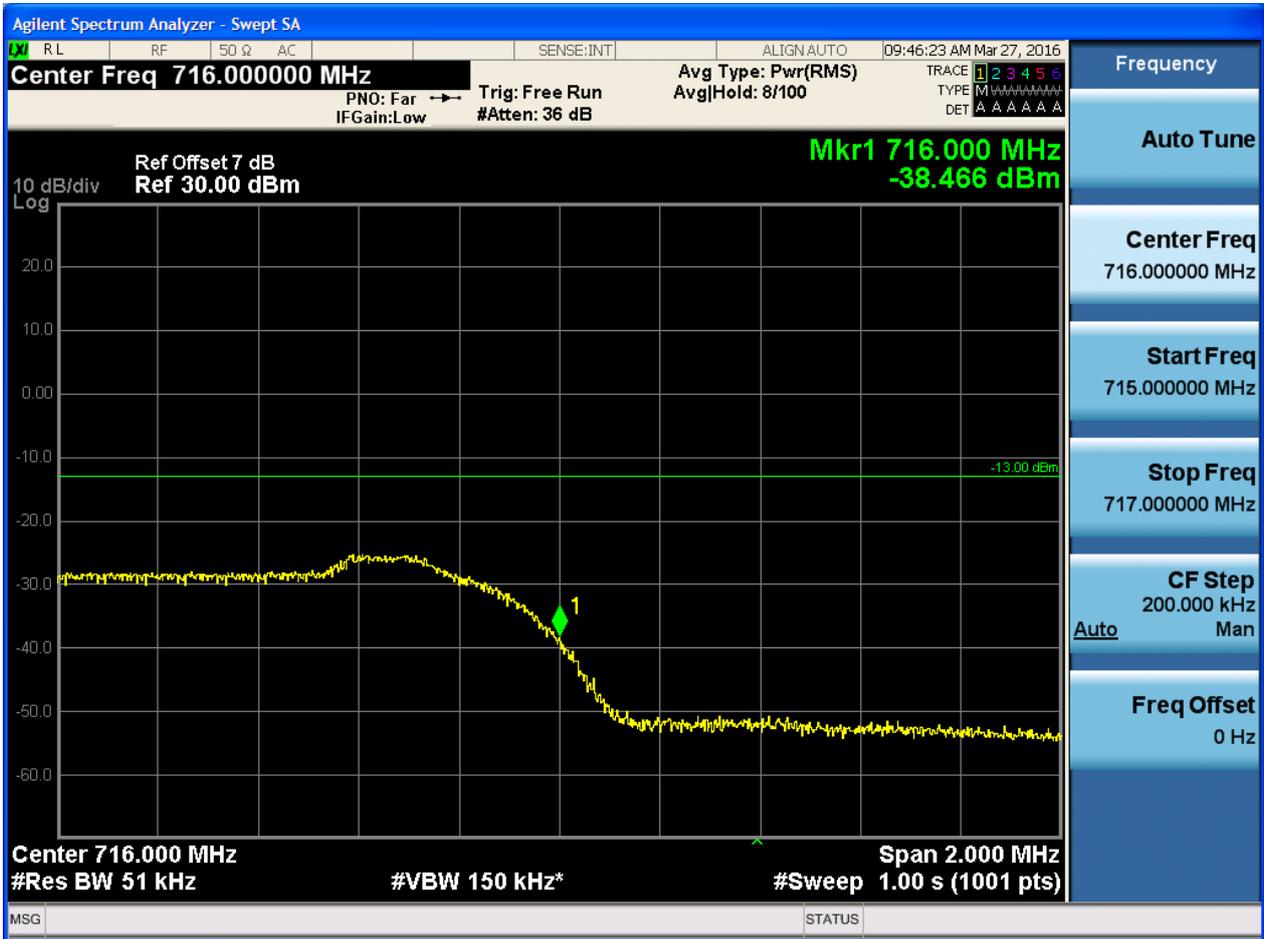
5.1.1.1.3.1.4 Test RB = RB25#0





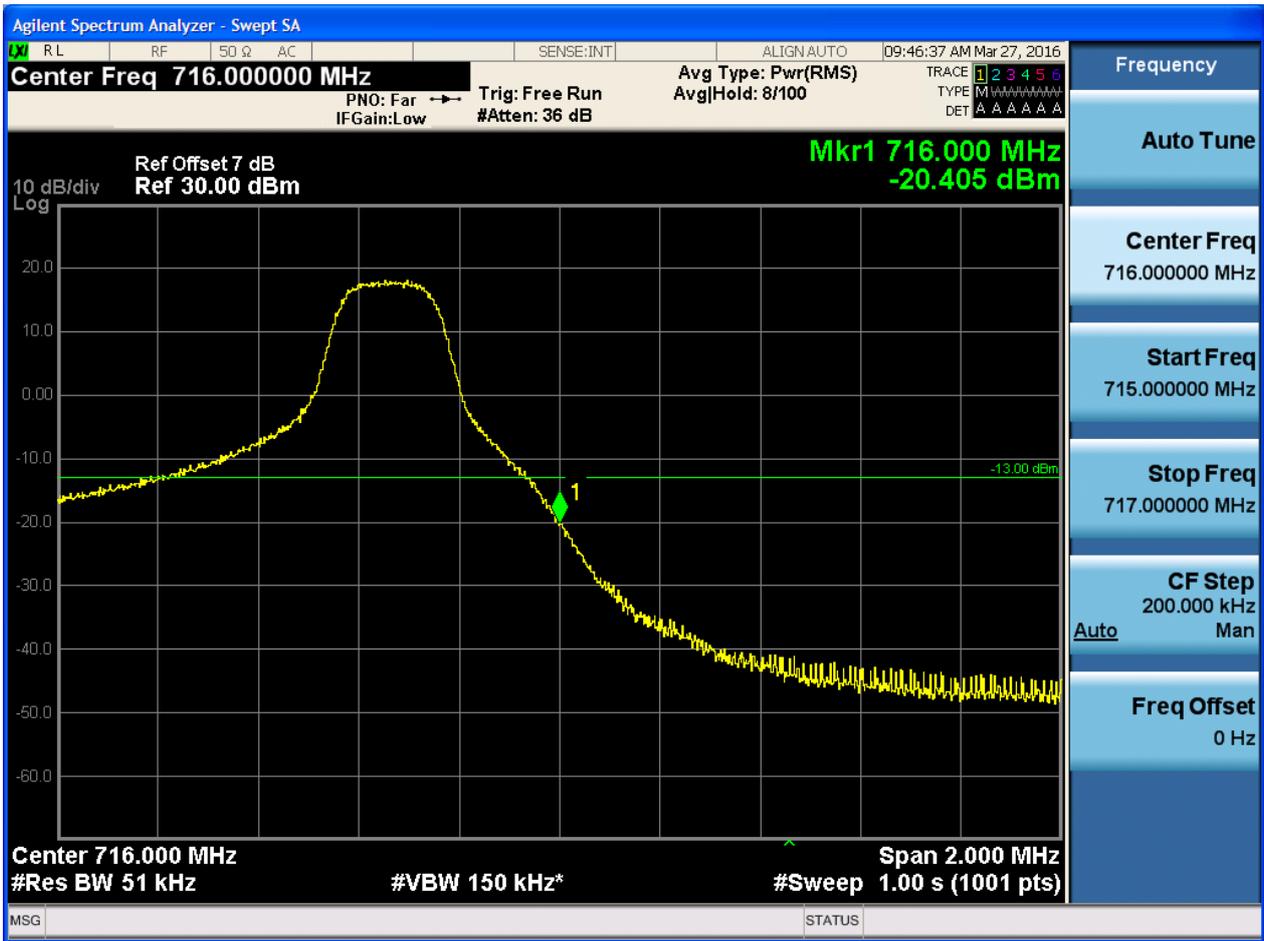
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



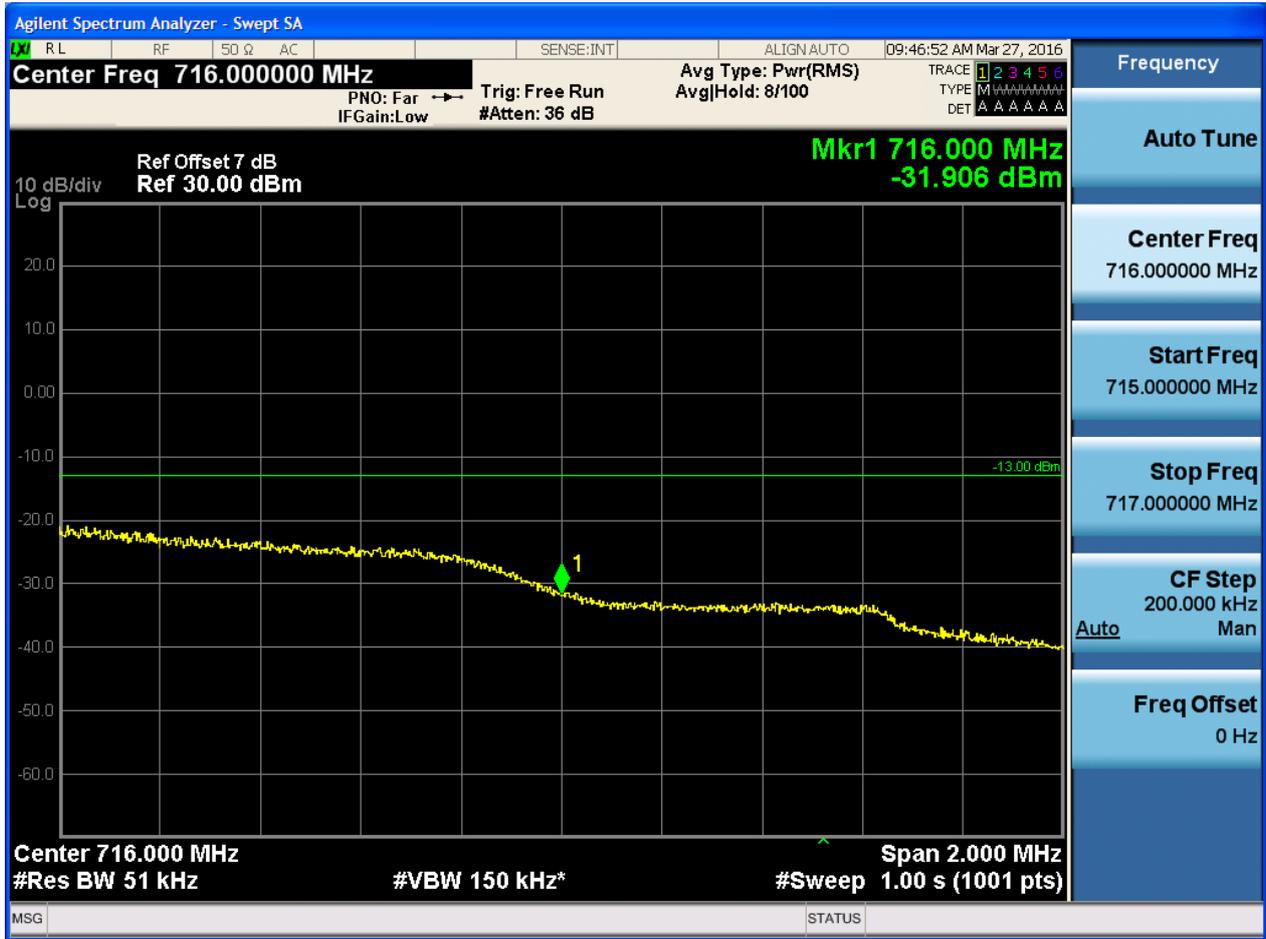


5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

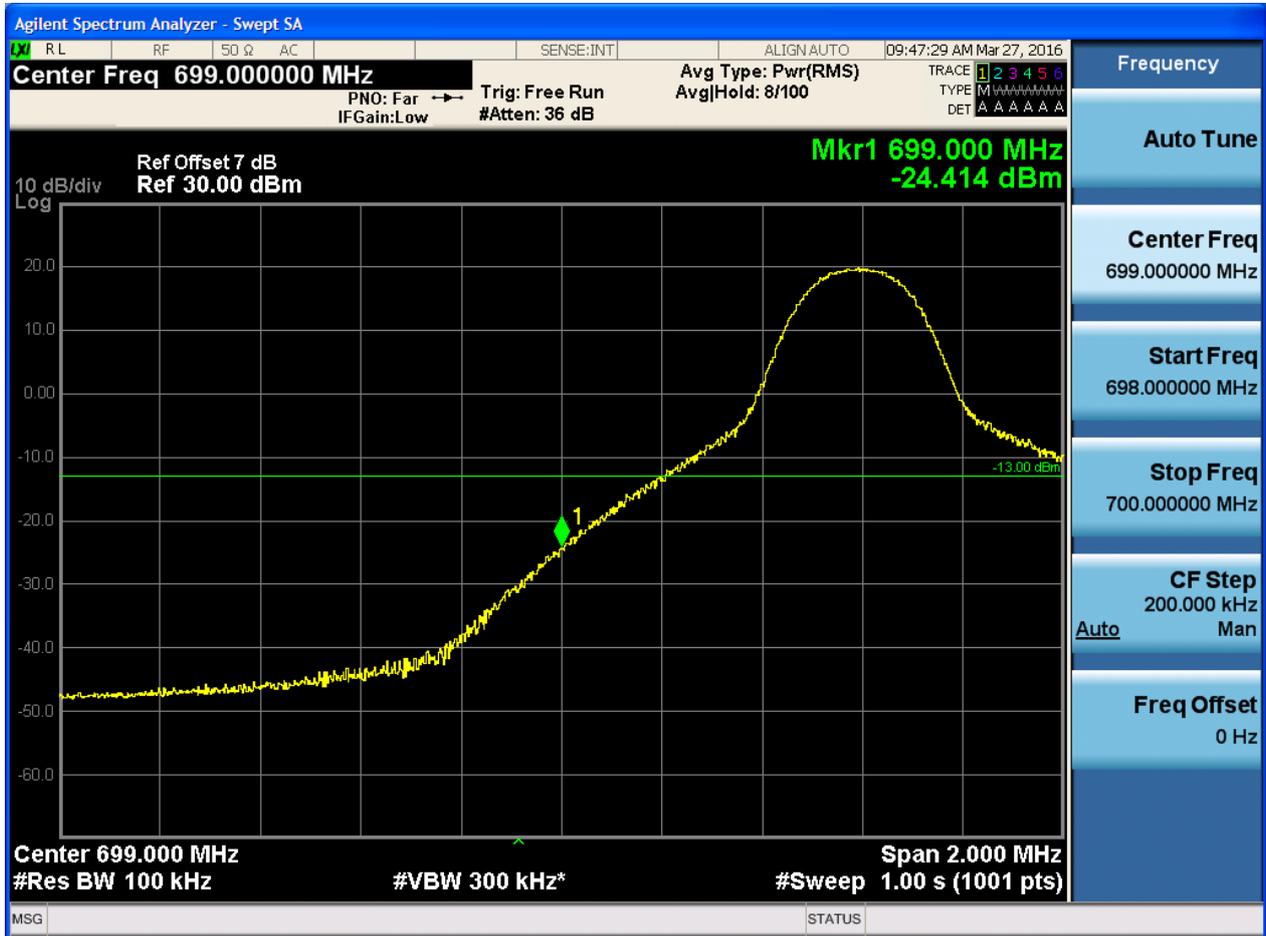




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



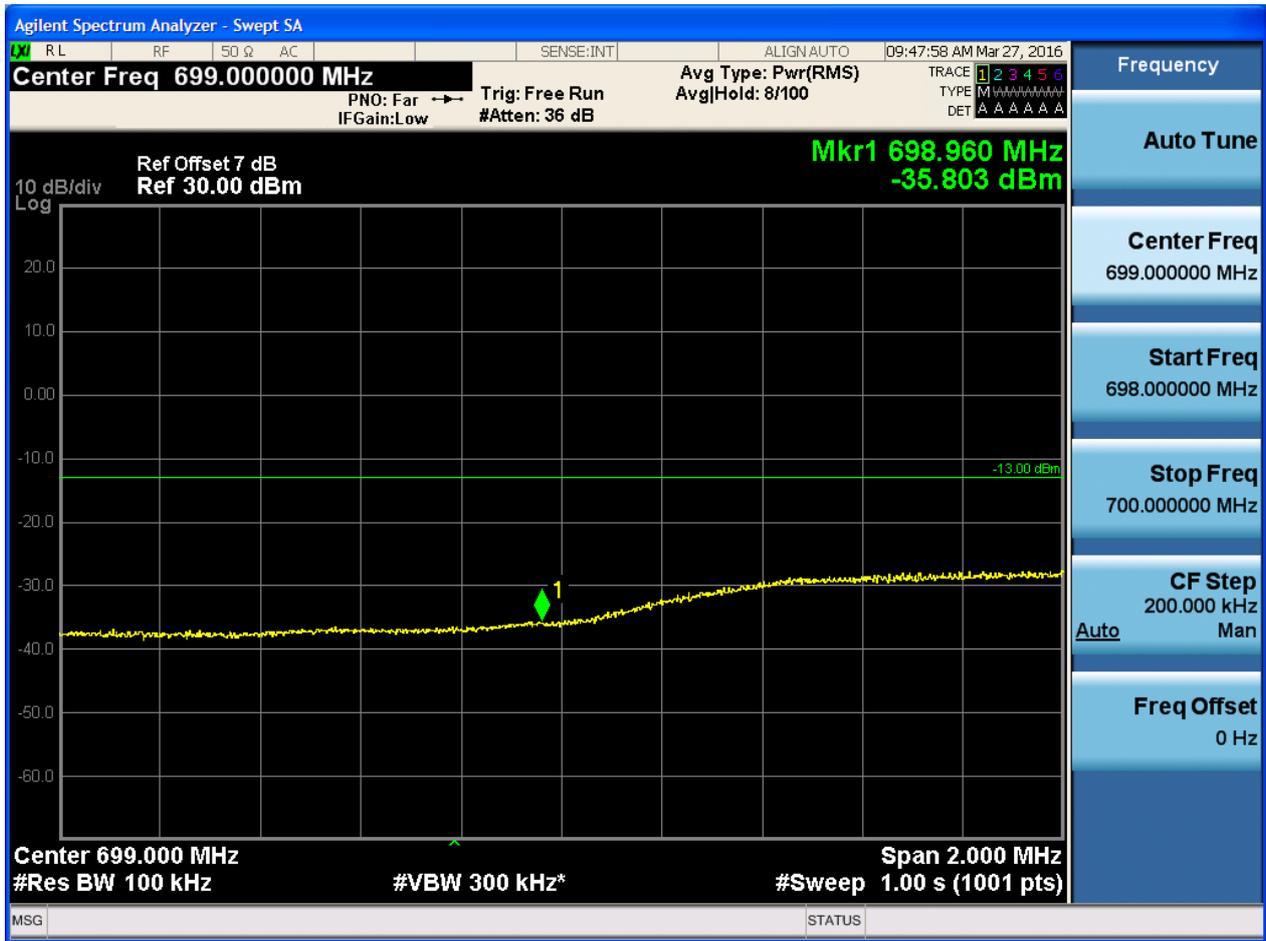


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13



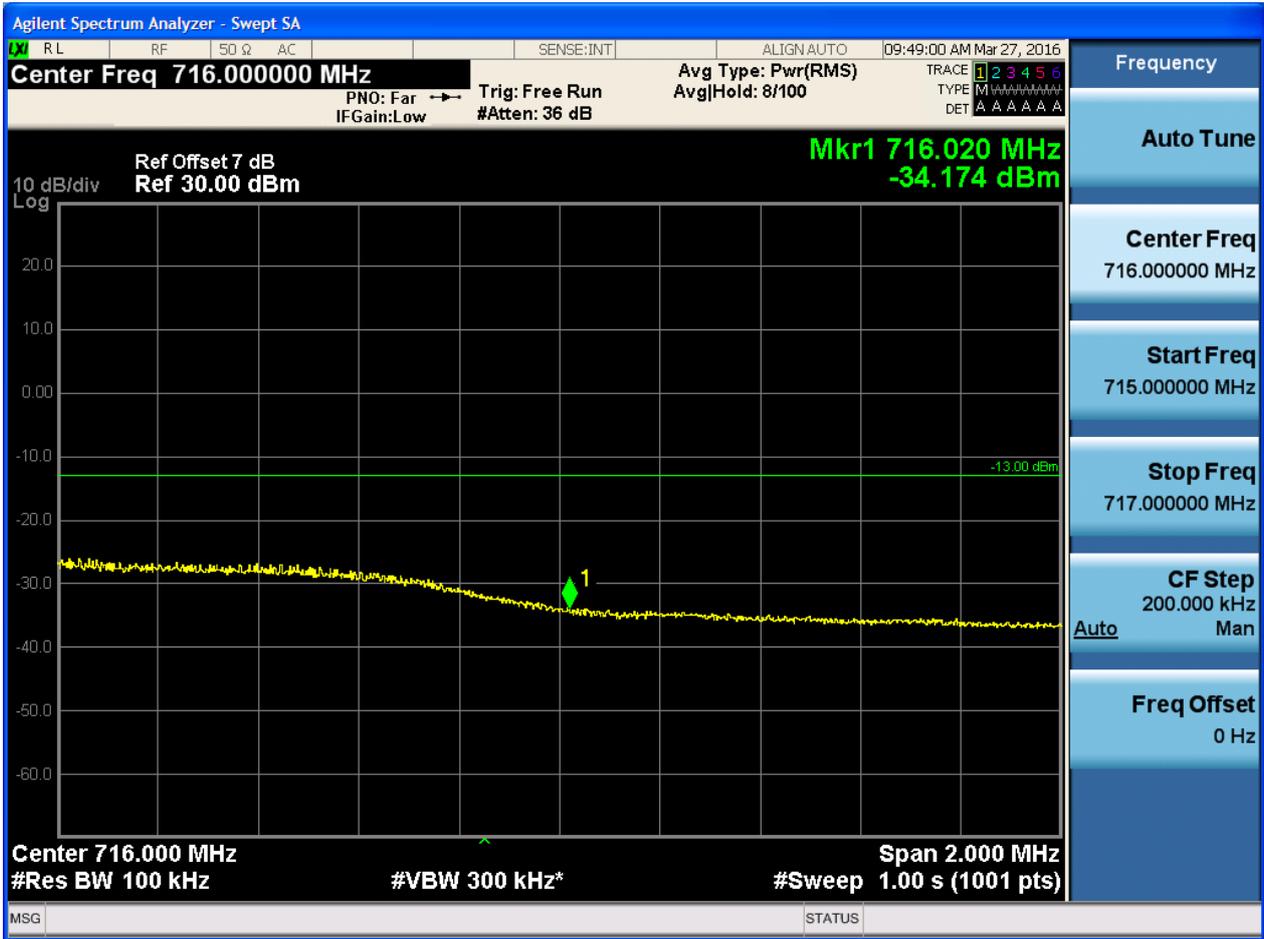


5.1.1.1.4.1.4 Test RB = RB50#0



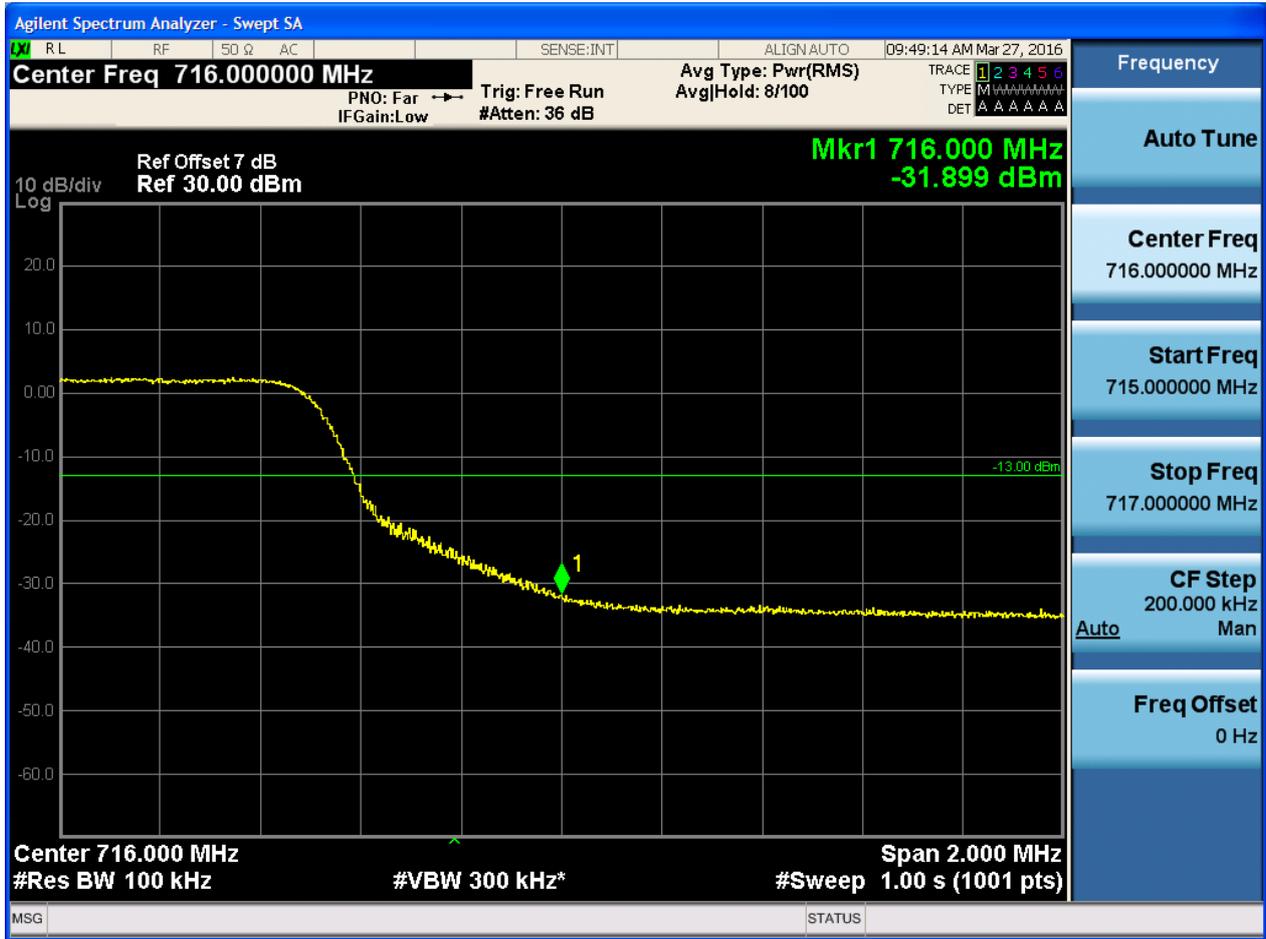


5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



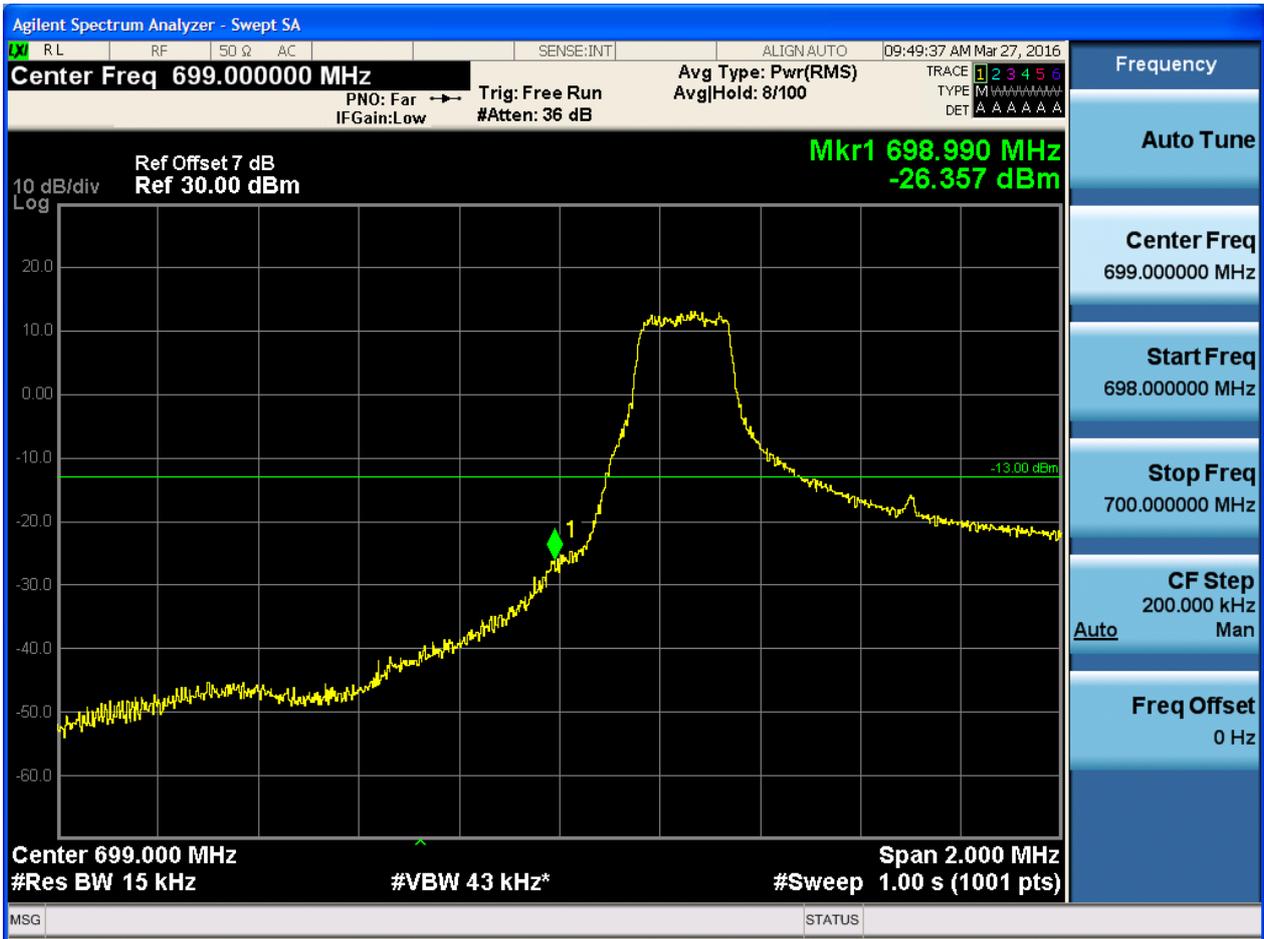


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#5



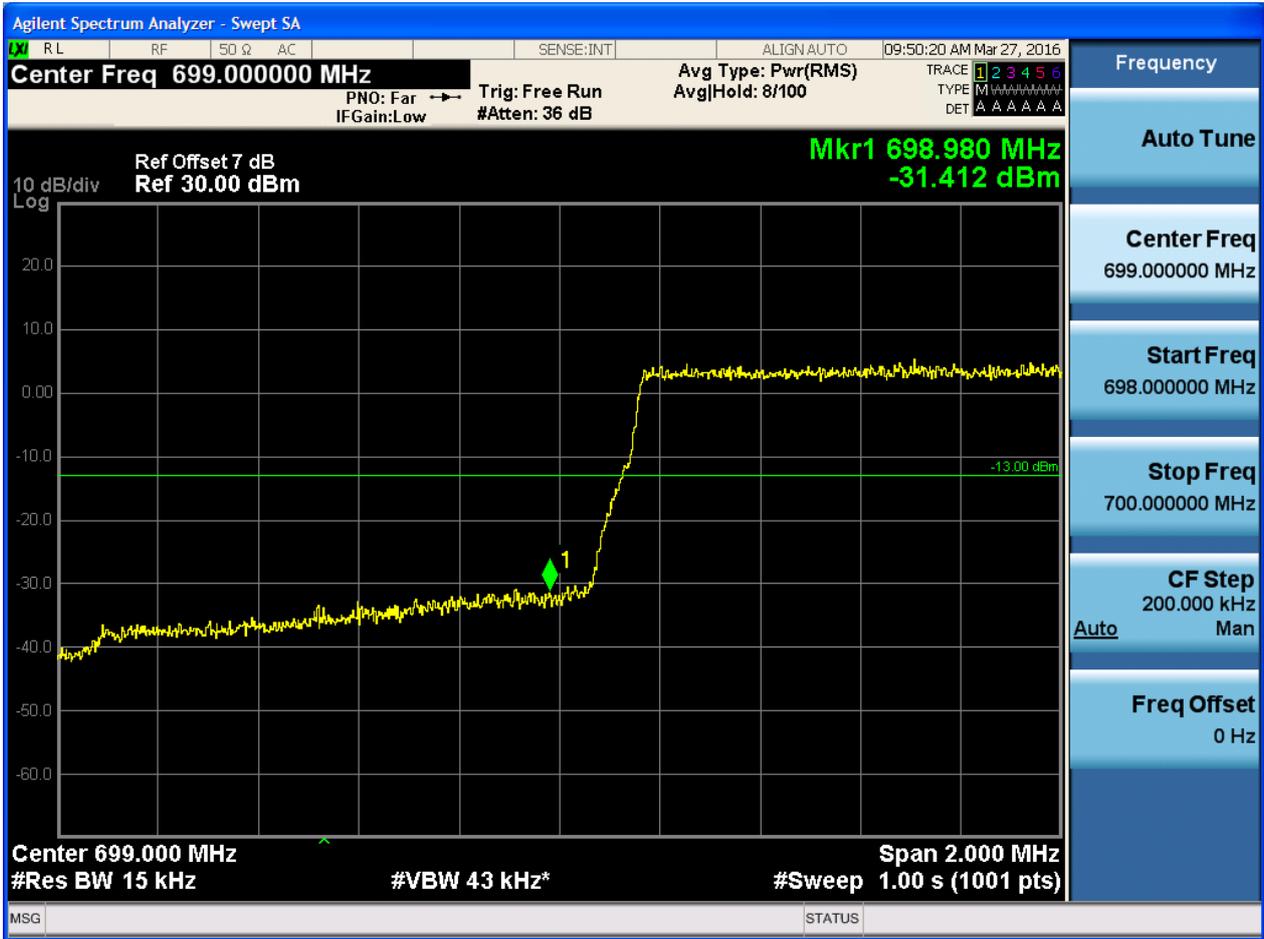


5.1.1.2.1.1.3 Test RB = RB3#2





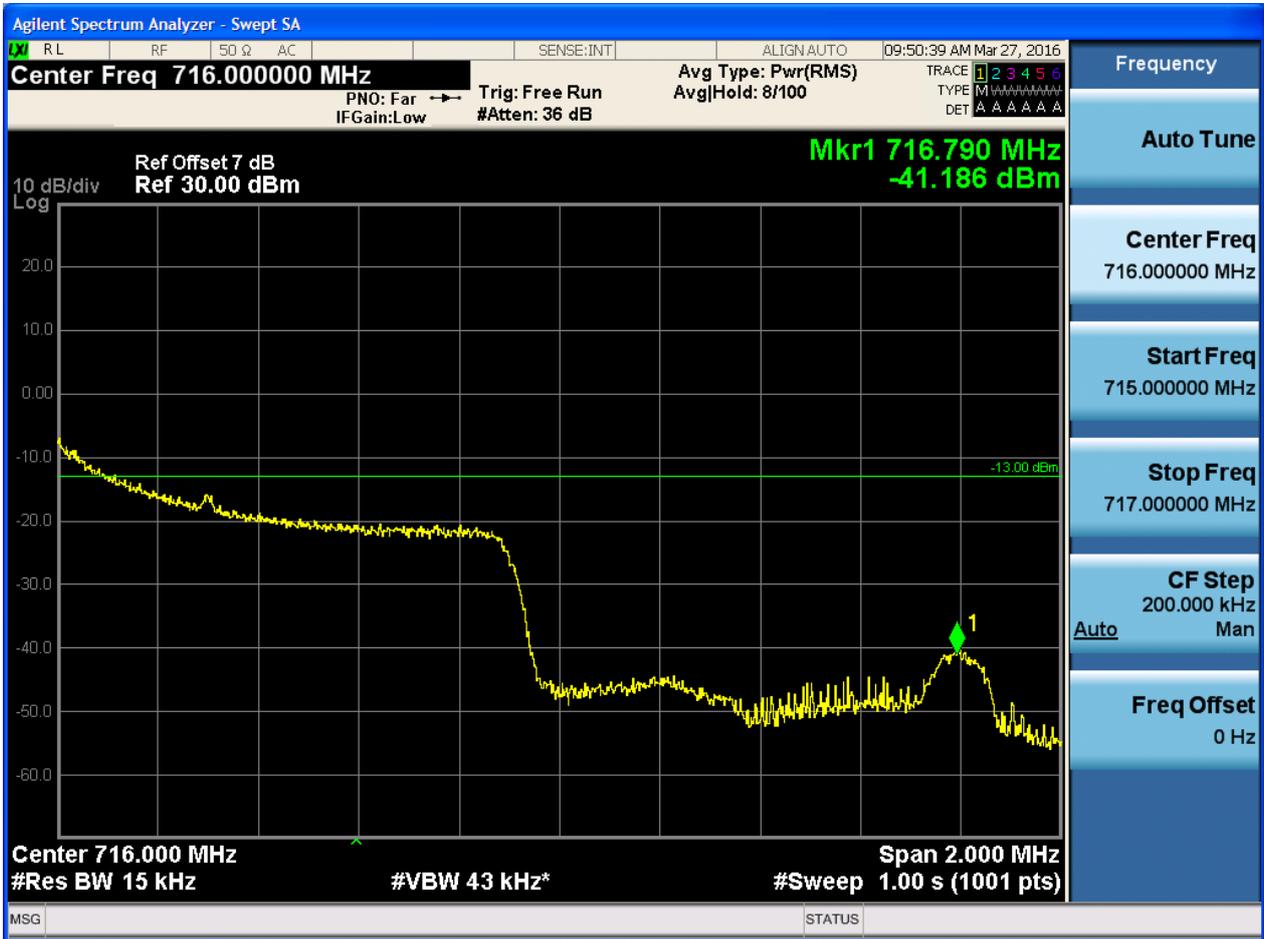
5.1.1.2.1.1.4 Test RB = RB6#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5



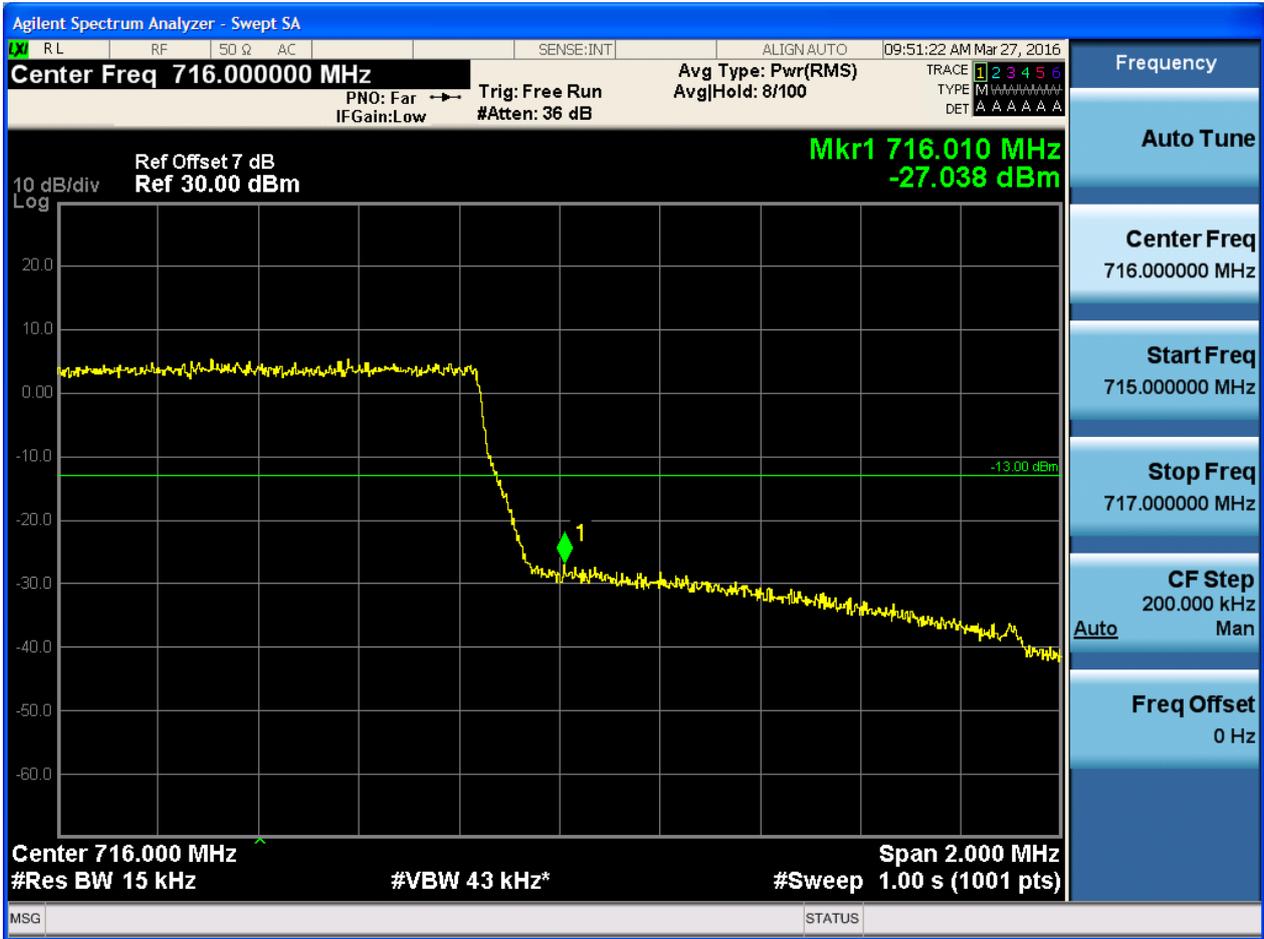


5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

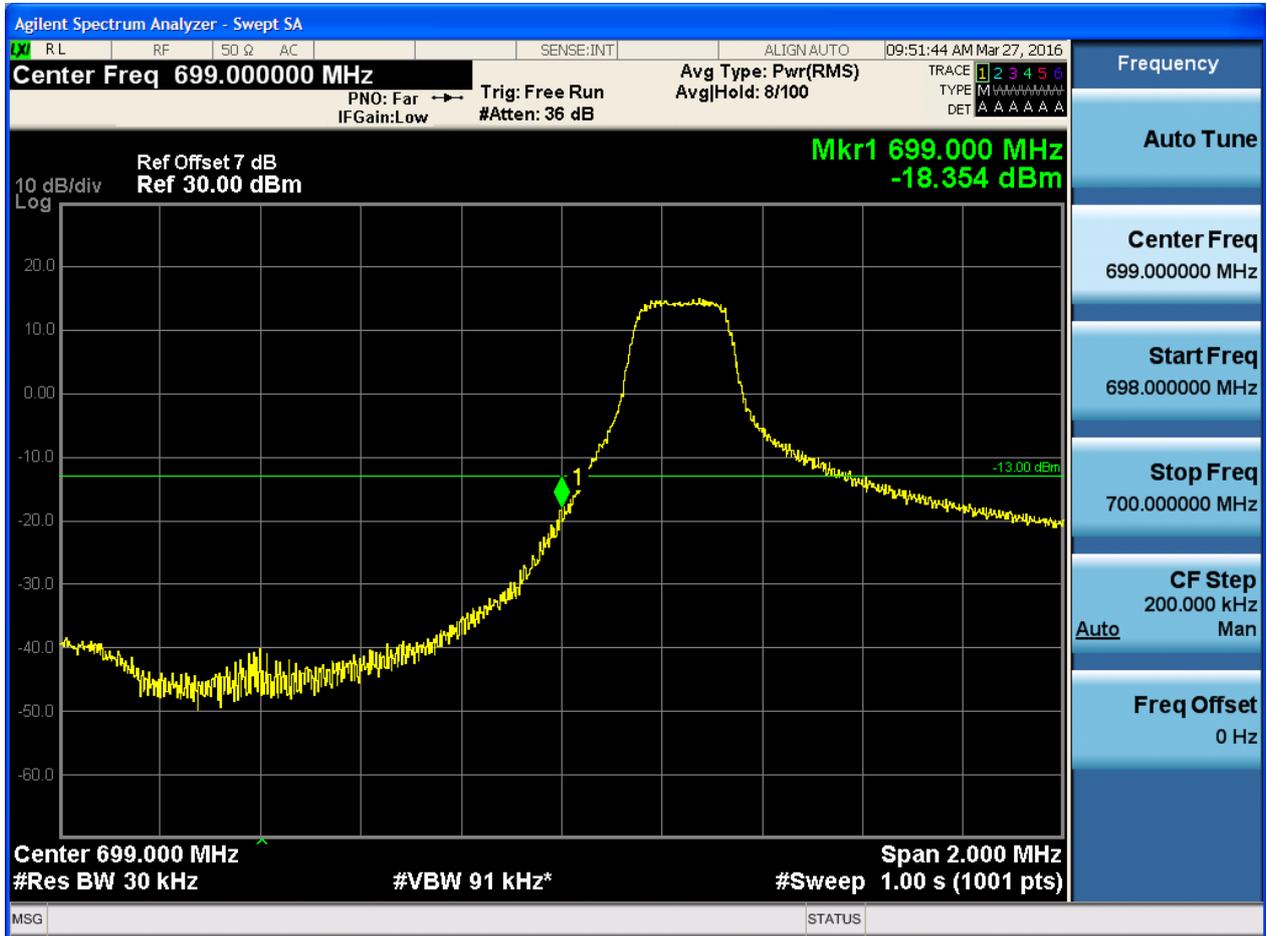




5.1.1.2.2 Test Bandwidth = 3

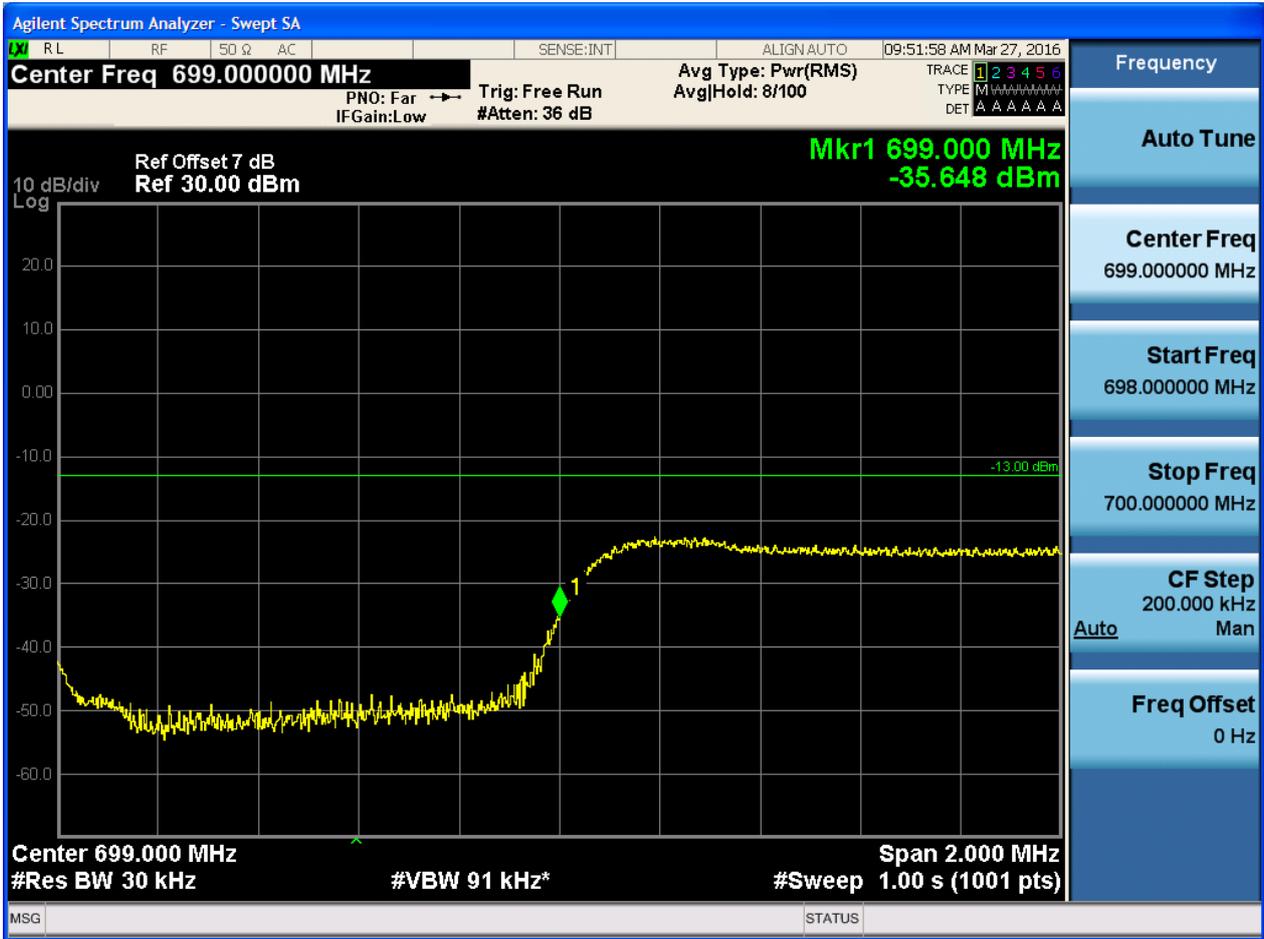
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14



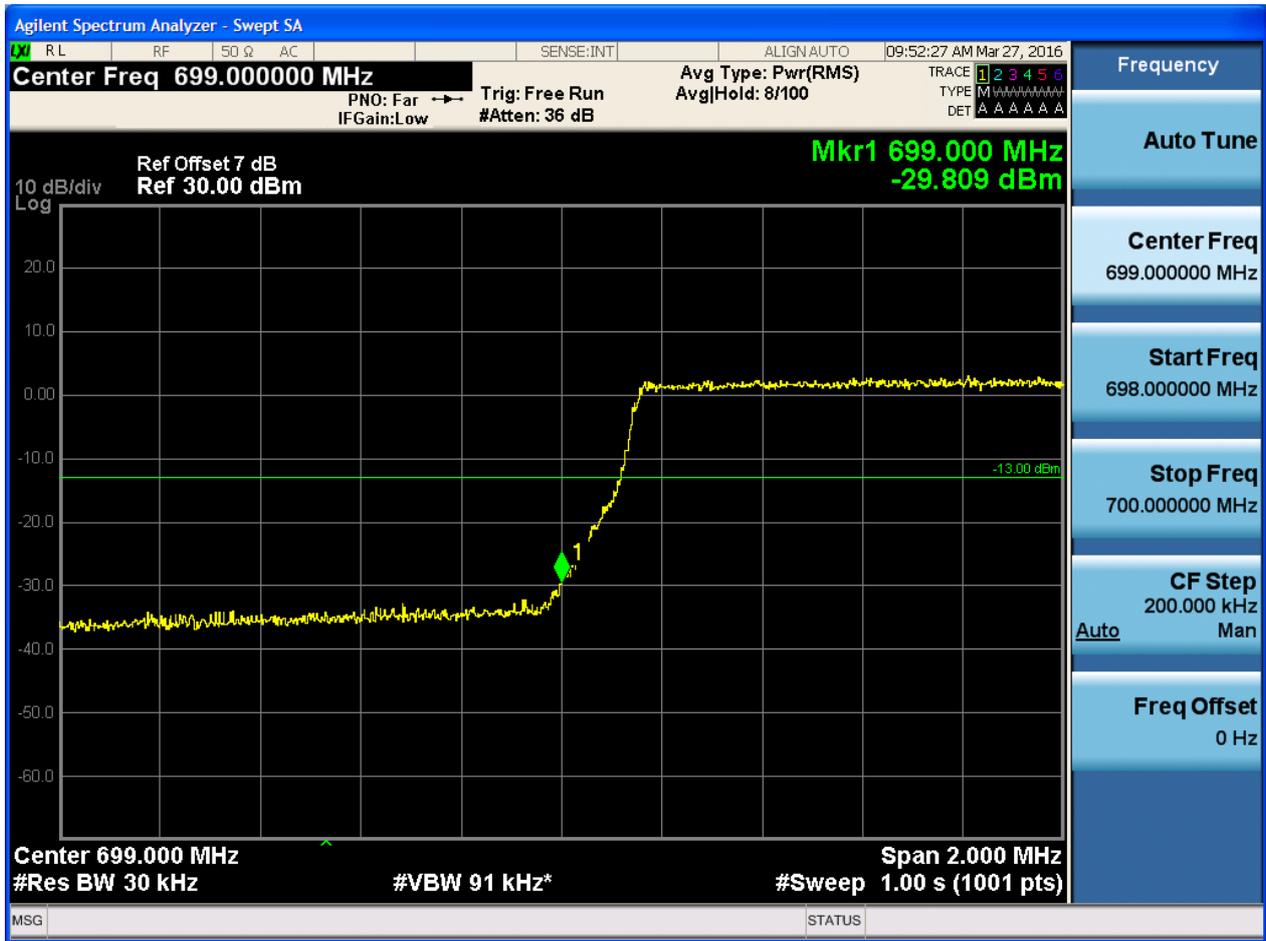


5.1.1.2.2.1.3 Test RB = RB8#4





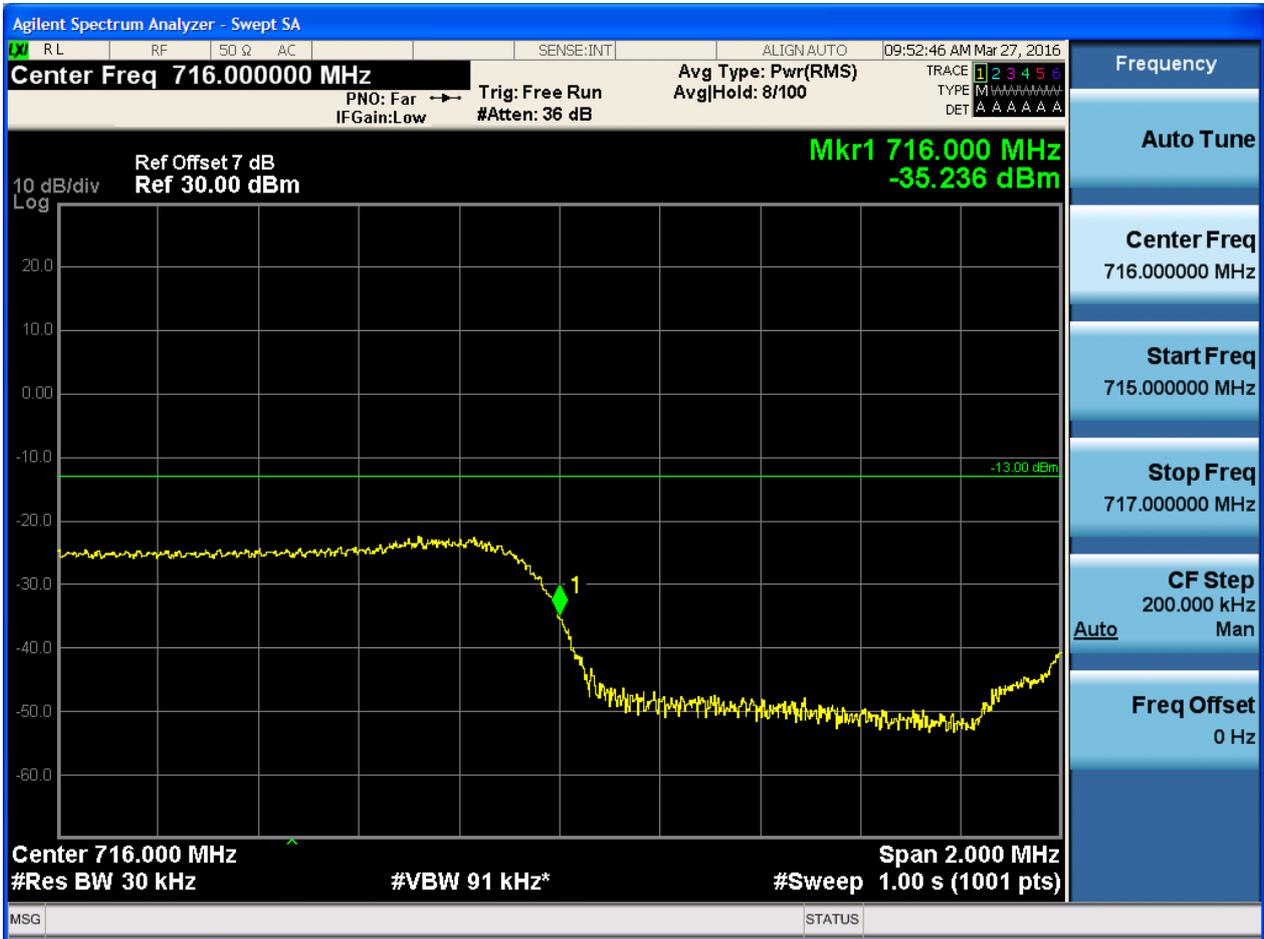
5.1.1.2.2.1.4 Test RB = RB15#0





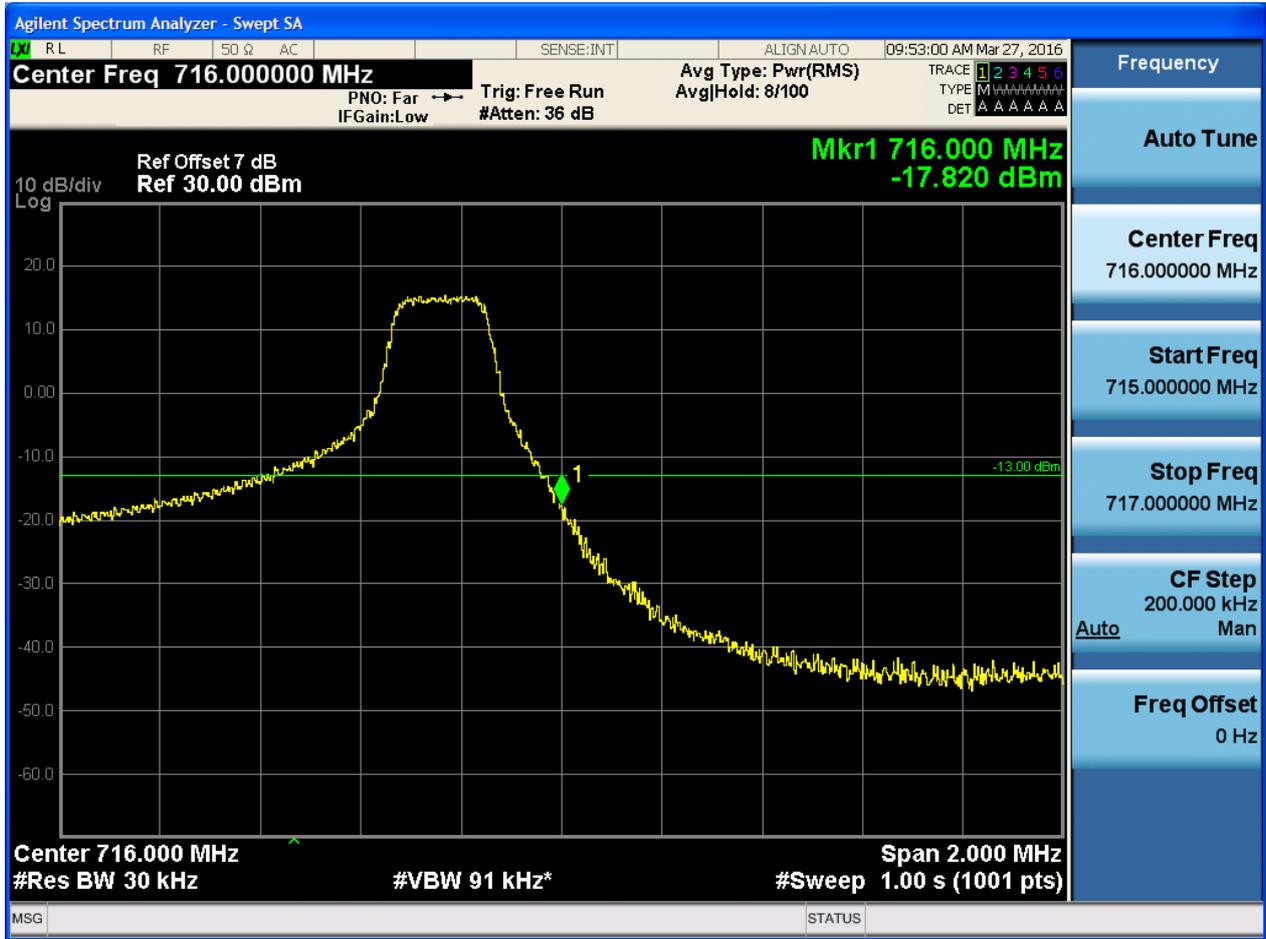
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14



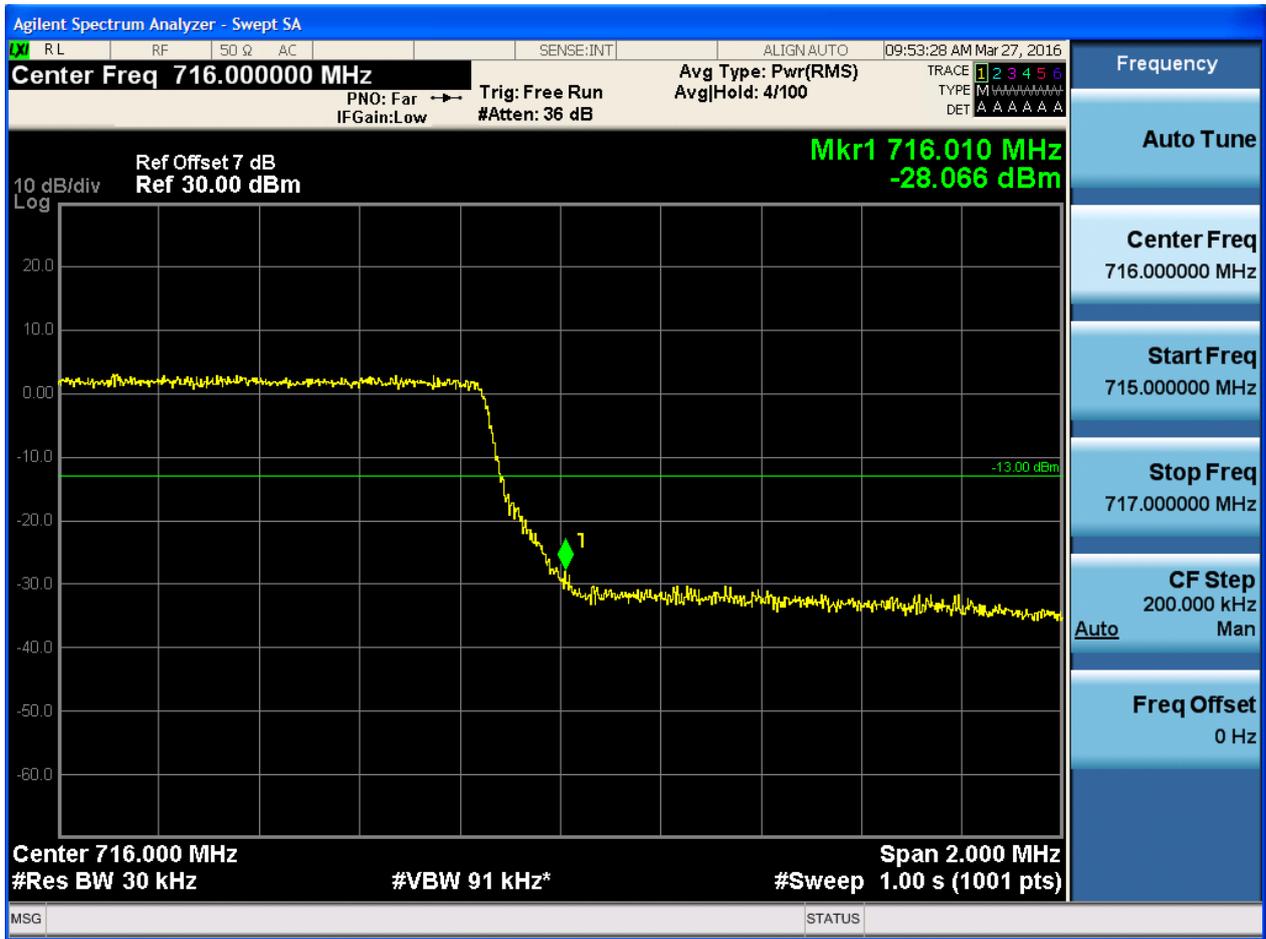


5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

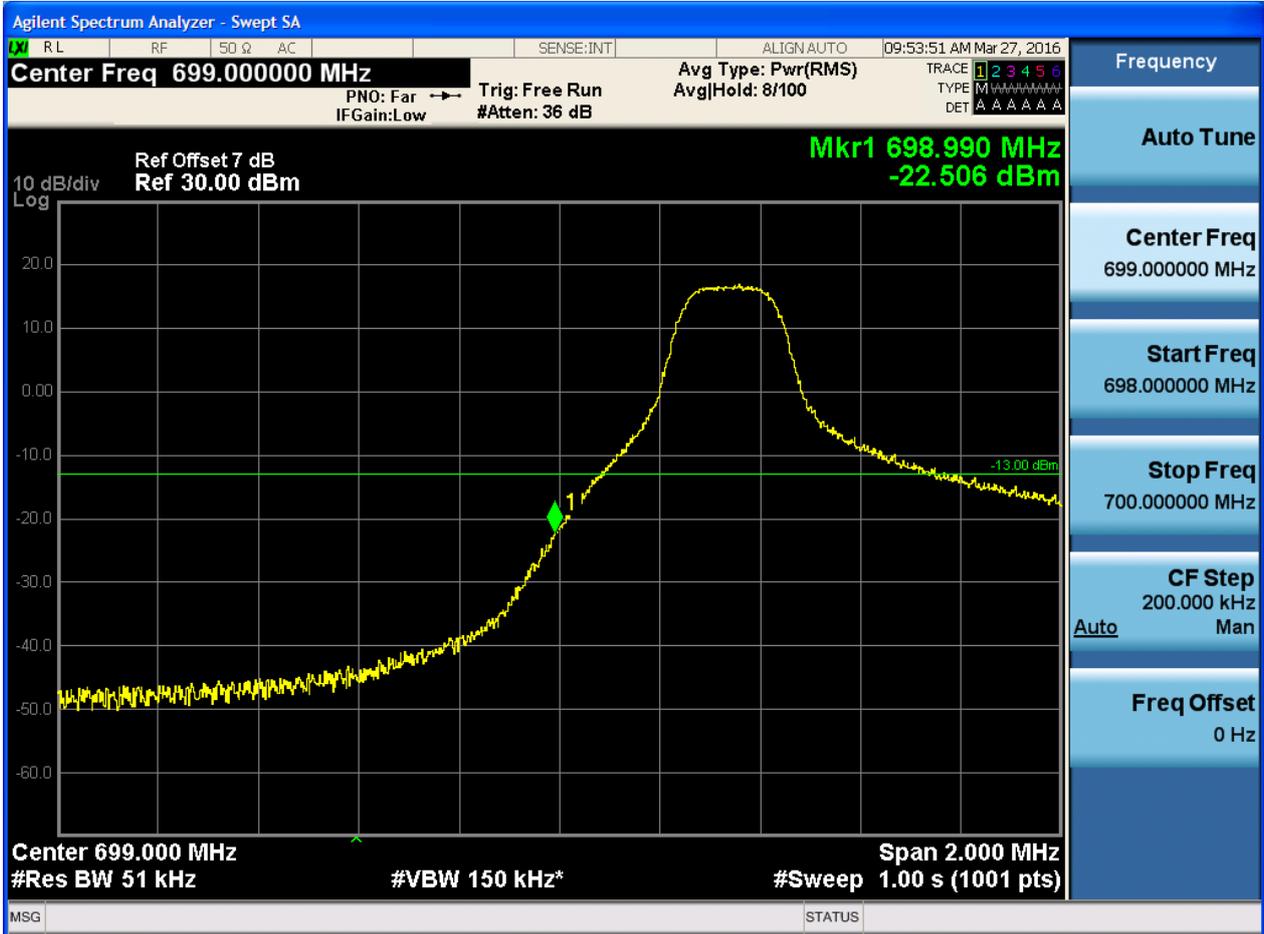




5.1.1.2.3 Test Bandwidth = 5

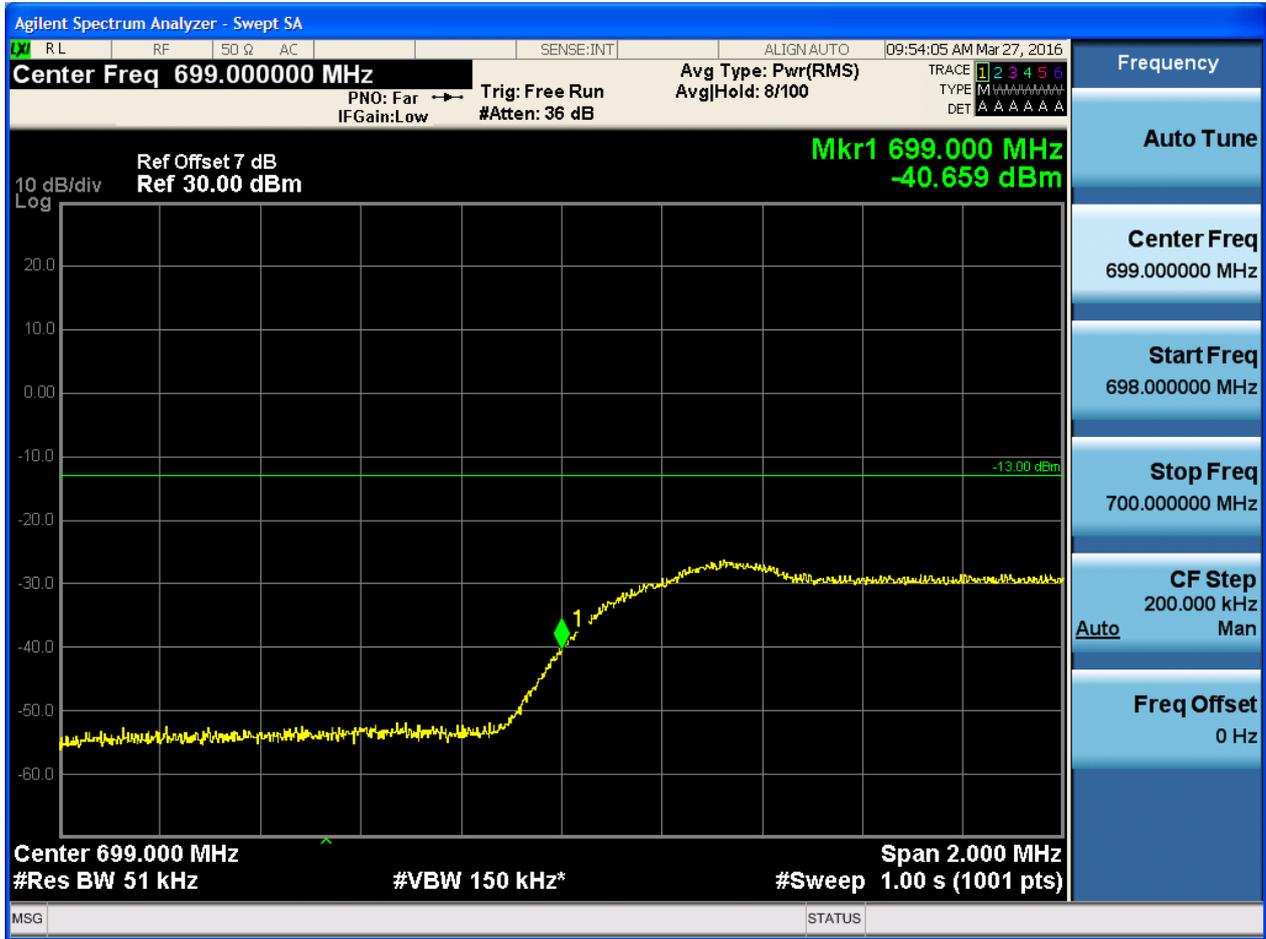
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





5.1.1.2.3.1.3 Test RB = RB12#6





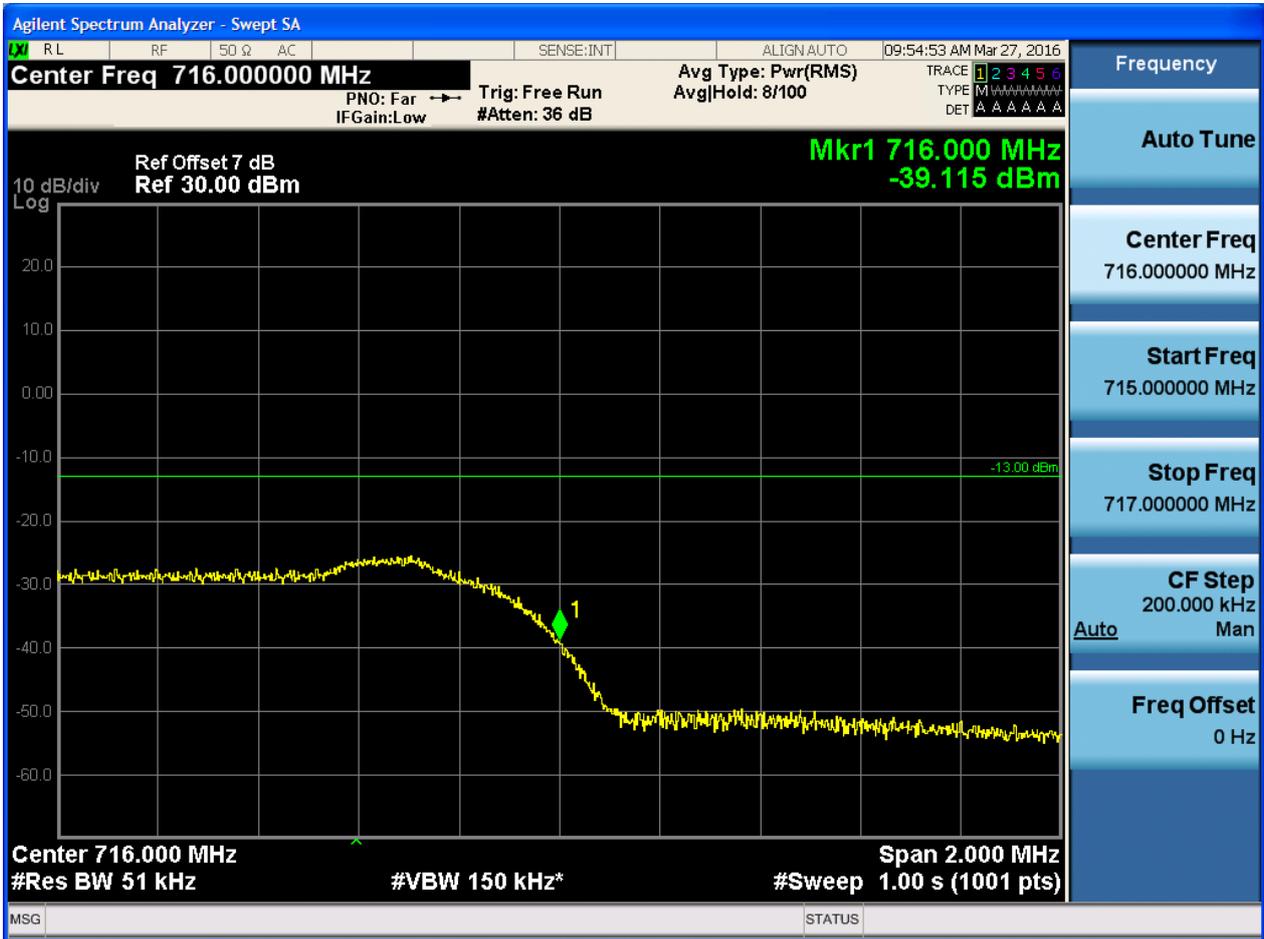
5.1.1.2.3.1.4 Test RB = RB25#0





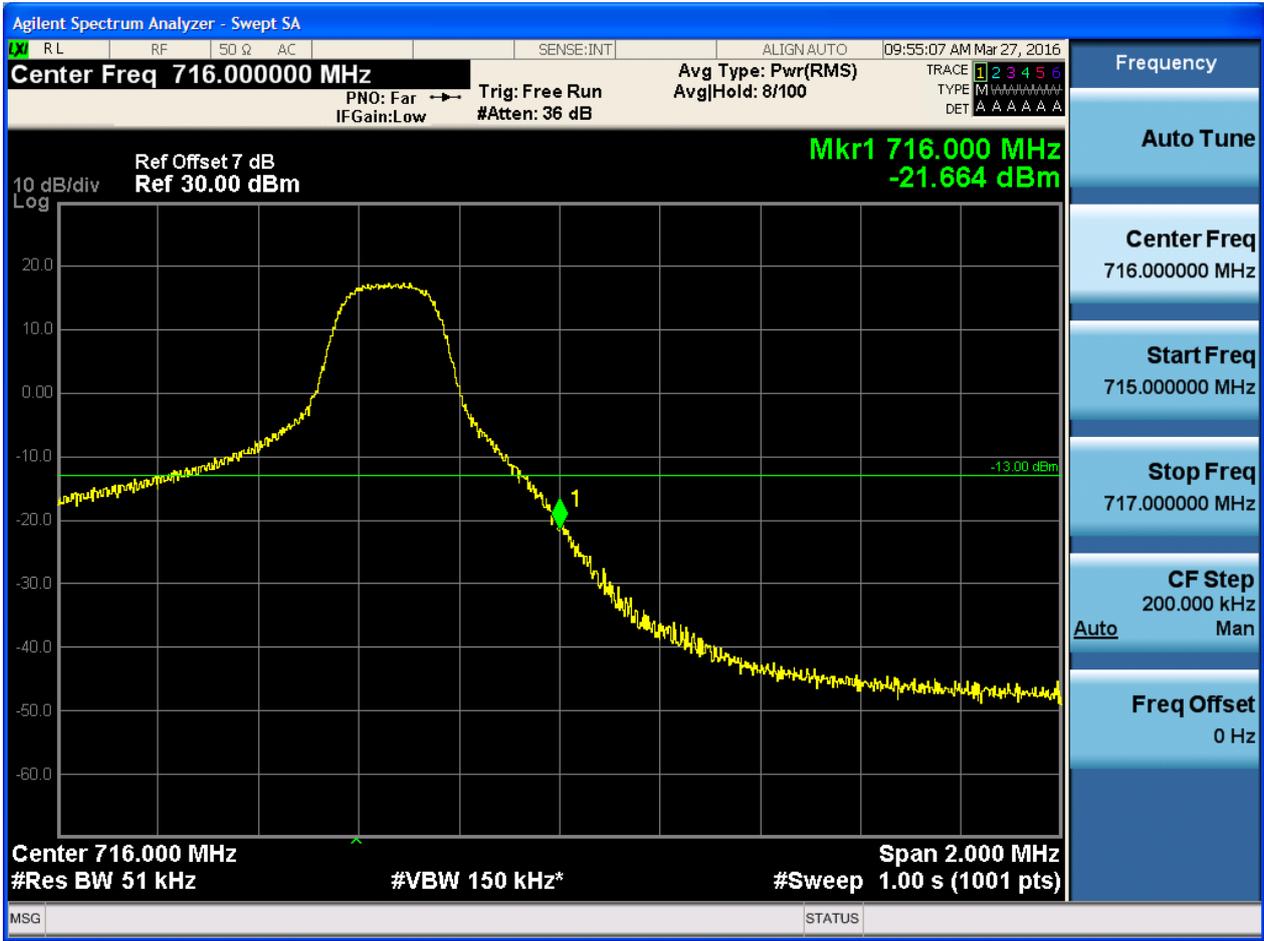
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



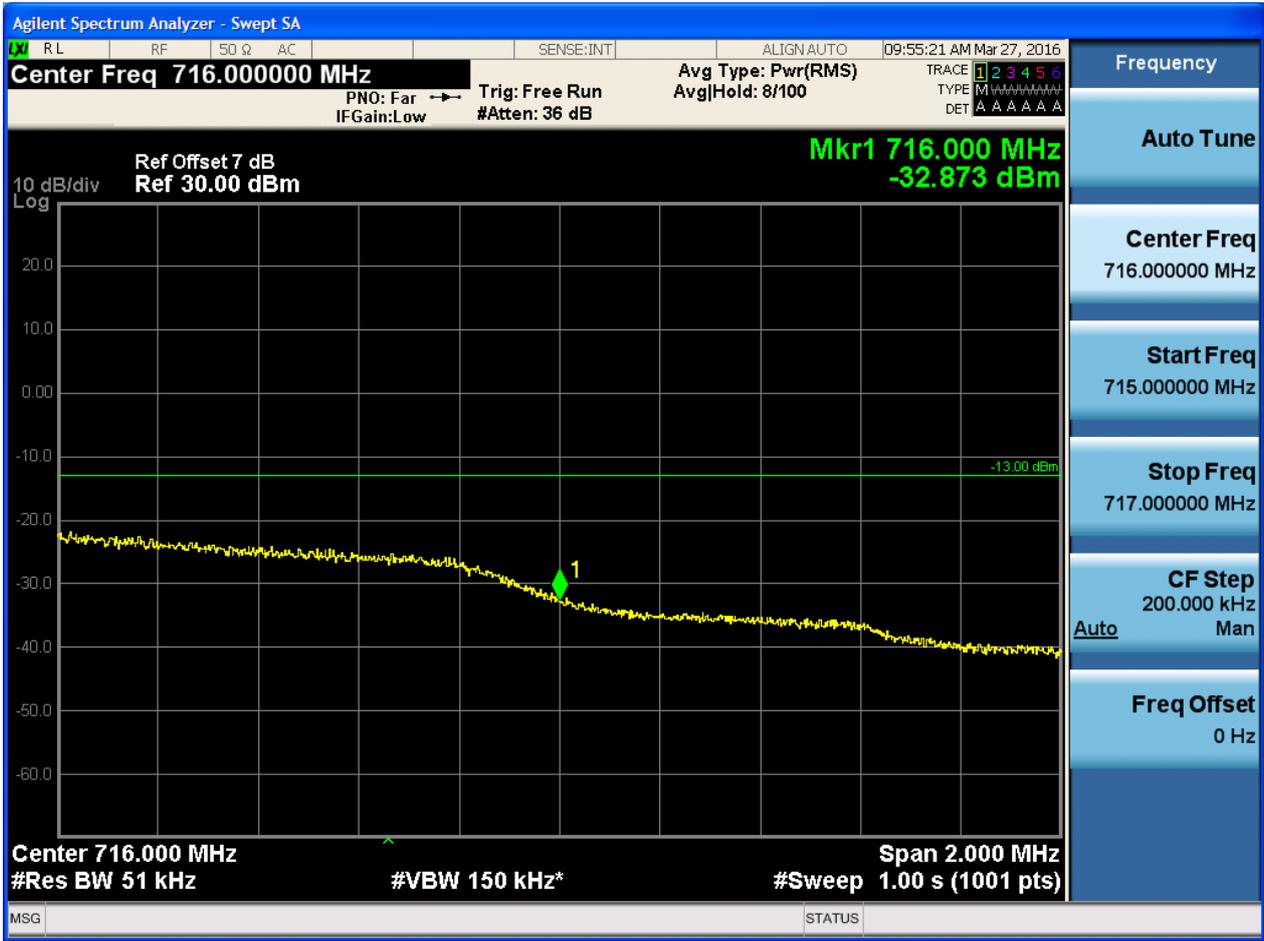


5.1.1.2.3.2.2 Test RB = RB1#24



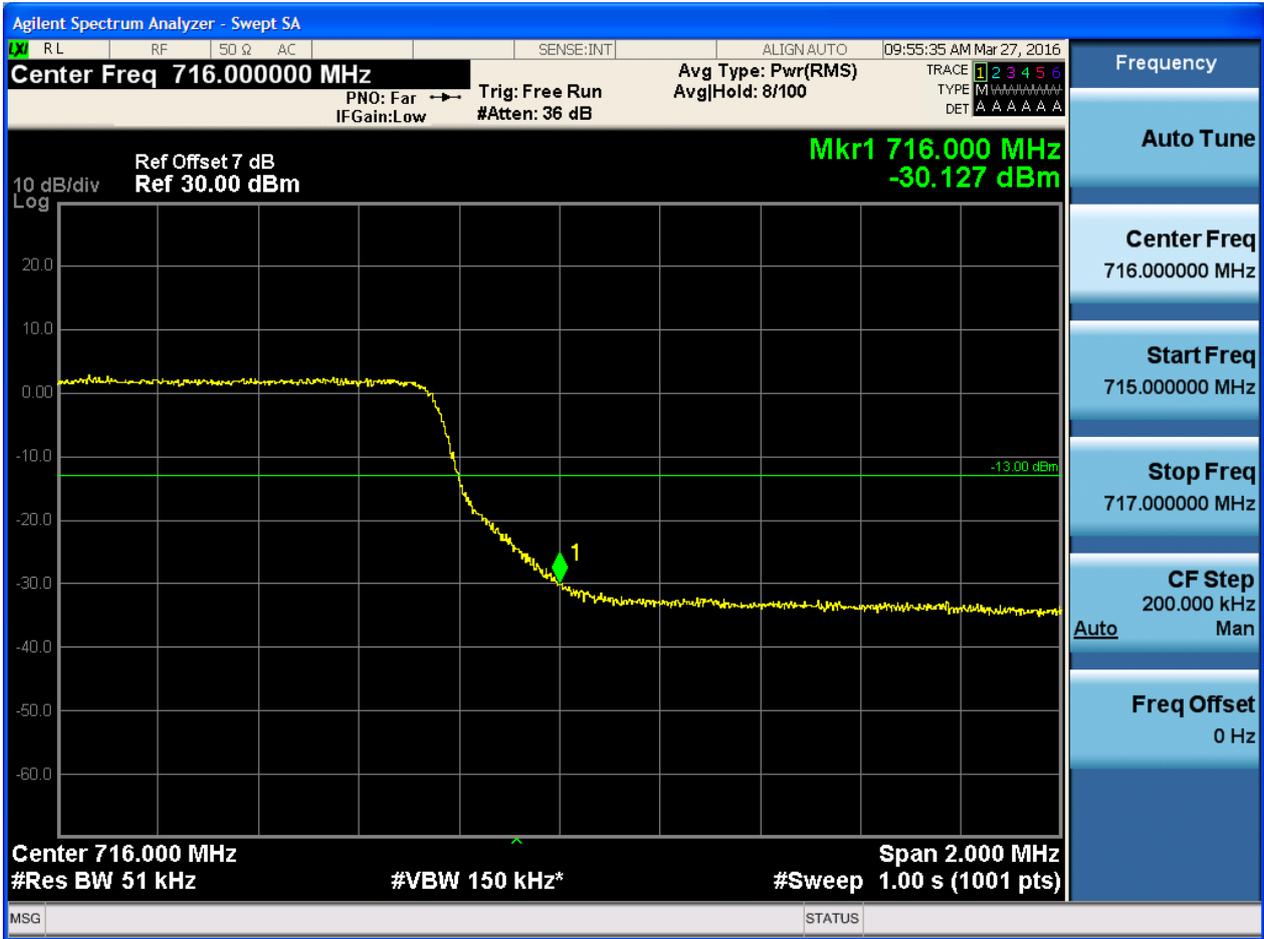


5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0

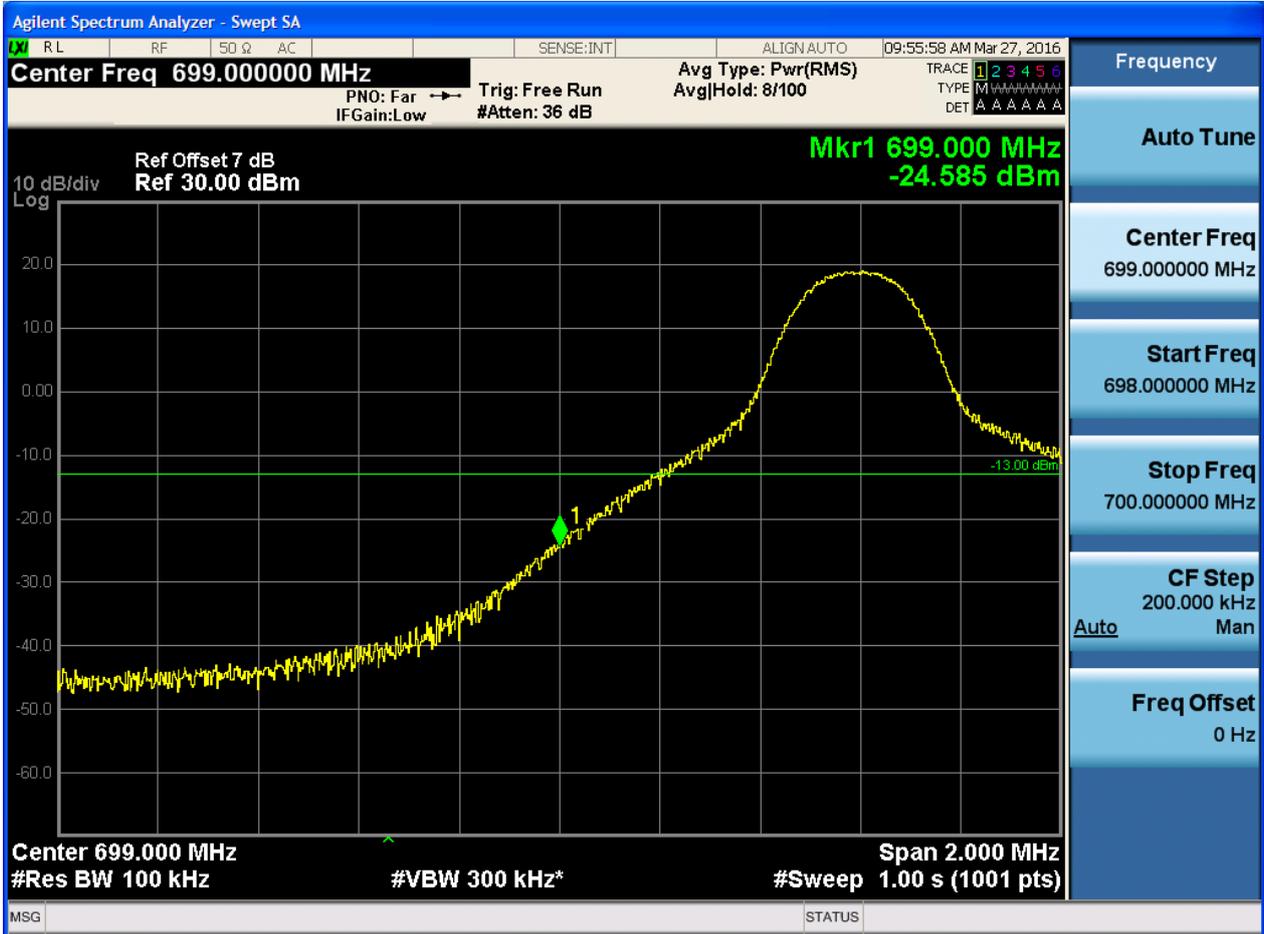




5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#49

