



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]	EIRP[d Bm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	21.99	22.44	30	PASS
				RB1#3	22.02	22.47	30	PASS
				RB1#5	22	22.45	30	PASS
				RB3#0	22.1	22.55	30	PASS
				RB3#2	22.15	22.6	30	PASS
				RB3#3	22.12	22.57	30	PASS
				RB6#0	20.69	21.14	30	PASS
			MCH	RB1#0	22.28	22.73	30	PASS
				RB1#3	22.21	22.66	30	PASS
				RB1#5	22.09	22.54	30	PASS
				RB3#0	22.34	22.79	30	PASS
				RB3#2	22.3	22.75	30	PASS
				RB3#3	22.25	22.7	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict
				RB6#0	20.87	21.32	30	PASS
			HCH	RB1#0	22.19	22.64	30	PASS
				RB1#3	22.24	22.69	30	PASS
				RB1#5	22.3	22.75	30	PASS
				RB3#0	22.35	22.8	30	PASS
				RB3#2	22.29	22.74	30	PASS
				RB3#3	22.42	22.87	30	PASS
				RB6#0	20.85	21.3	30	PASS
		3		LCH	RB1#0	21.93	22.38	30
			RB1#7		22.33	22.78	30	PASS
			RB1#14		22.12	22.57	30	PASS
			RB8#0		20.77	21.22	30	PASS
			RB8#4		20.85	21.3	30	PASS
			RB8#7		20.82	21.27	30	PASS
			RB15#0		20.81	21.26	30	PASS
			MCH	RB1#0	22.18	22.63	30	PASS
				RB1#7	22.38	22.83	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict	
				RB1#14	22.21	22.66	30	PASS	
				RB8#0	20.87	21.32	30	PASS	
				RB8#4	20.88	21.33	30	PASS	
				RB8#7	20.87	21.32	30	PASS	
				RB15#0	20.92	21.37	30	PASS	
			HCH	RB1#0	22.2	22.65	30	PASS	
				RB1#7	22.37	22.82	30	PASS	
				RB1#14	22.18	22.63	30	PASS	
				RB8#0	20.86	21.31	30	PASS	
				RB8#4	20.88	21.33	30	PASS	
				RB8#7	20.78	21.23	30	PASS	
				RB15#0	20.89	21.34	30	PASS	
			5	LCH	RB1#0	22.01	22.46	30	PASS
					RB1#13	22.45	22.9	30	PASS
					RB1#24	22.06	22.51	30	PASS
		RB12#0			20.87	21.32	30	PASS	
		RB12#6			21.06	21.51	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict	
				RB12#13	20.94	21.39	30	PASS	
				RB25#0	20.94	21.39	30	PASS	
			MCH	RB1#0	22.18	22.63	30	PASS	
				RB1#13	22.55	23	30	PASS	
				RB1#24	22.16	22.61	30	PASS	
				RB12#0	20.98	21.43	30	PASS	
				RB12#6	21.03	21.48	30	PASS	
				RB12#13	20.85	21.3	30	PASS	
				RB25#0	20.91	21.36	30	PASS	
				HCH	RB1#0	22.31	22.76	30	PASS
			RB1#13		22.44	22.89	30	PASS	
			RB1#24		22.13	22.58	30	PASS	
			RB12#0		20.92	21.37	30	PASS	
			RB12#6		20.91	21.36	30	PASS	
			RB12#13		20.79	21.24	30	PASS	
			RB25#0		20.78	21.23	30	PASS	
			10	LCH	RB1#0	21.95	22.4	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	22.46	22.91	30	PASS
				RB1#49	22.08	22.53	30	PASS
				RB25#0	21	21.45	30	PASS
				RB25#13	21.08	21.53	30	PASS
				RB25#25	20.92	21.37	30	PASS
				RB50#0	20.98	21.43	30	PASS
			MCH	RB1#0	22.19	22.64	30	PASS
				RB1#25	22.57	23.02	30	PASS
				RB1#49	22.4	22.85	30	PASS
				RB25#0	21.02	21.47	30	PASS
				RB25#13	21.03	21.48	30	PASS
				RB25#25	20.97	21.42	30	PASS
				RB50#0	20.95	21.4	30	PASS
			HCH	RB1#0	22.48	22.93	30	PASS
				RB1#25	22.53	22.98	30	PASS
				RB1#49	22.18	22.63	30	PASS
				RB25#0	21.2	21.65	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict		
				RB25#13	20.97	21.42	30	PASS		
				RB25#25	20.61	21.06	30	PASS		
				RB50#0	20.93	21.38	30	PASS		
		15	LCH		RB1#0	22.02	22.47	30	PASS	
					RB1#38	22.39	22.84	30	PASS	
					RB1#74	22.11	22.56	30	PASS	
					RB38#0	21.02	21.47	30	PASS	
					RB38#19	21.16	21.61	30	PASS	
					RB38#39	21.07	21.52	30	PASS	
					RB75#0	21.09	21.54	30	PASS	
					MCH	RB1#0	22.23	22.68	30	PASS
						RB1#38	22.61	23.06	30	PASS
						RB1#74	22.44	22.89	30	PASS
						RB38#0	21.11	21.56	30	PASS
						RB38#19	21.17	21.62	30	PASS
RB38#39	21.13	21.58	30	PASS						
			RB75#0	21.07	21.52	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.54	22.99	30	PASS
				RB1#38	22.65	23.1	30	PASS
				RB1#74	22.14	22.59	30	PASS
				RB38#0	21.33	21.78	30	PASS
				RB38#19	21.29	21.74	30	PASS
				RB38#39	20.94	21.39	30	PASS
				RB75#0	21.09	21.54	30	PASS
		20	LCH	RB1#0	22.09	22.54	30	PASS
				RB1#50	22.47	22.92	30	PASS
				RB1#99	22.01	22.46	30	PASS
				RB50#0	21.07	21.52	30	PASS
				RB50#25	21.08	21.53	30	PASS
				RB50#50	20.94	21.39	30	PASS
				RB100#0	21.06	21.51	30	PASS
			MCH	RB1#0	22.32	22.77	30	PASS
				RB1#50	22.64	23.09	30	PASS
				RB1#99	22.42	22.87	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict
				RB50#0	21.11	21.56	30	PASS
				RB50#25	21.08	21.53	30	PASS
				RB50#50	21.1	21.55	30	PASS
				RB100#0	21.11	21.56	30	PASS
			HCH	RB1#0	22.65	23.1	30	PASS
				RB1#50	22.86	23.31	30	PASS
				RB1#99	22.13	22.58	30	PASS
				RB50#0	21.38	21.83	30	PASS
				RB50#25	21.27	21.72	30	PASS
				RB50#50	21.03	21.48	30	PASS
				RB100#0	21.24	21.69	30	PASS
				LCH	RB1#0	20.73	21.18	30
			RB1#3		20.89	21.34	30	PASS
			RB1#5		20.84	21.29	30	PASS
RB3#0	20.8	21.25	30		PASS			
RB3#2	20.85	21.3	30		PASS			
RB3#3	20.87	21.32	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	20.42	20.87	30	PASS
			MCH	RB1#0	20.99	21.44	30	PASS
				RB1#3	21.01	21.46	30	PASS
				RB1#5	20.91	21.36	30	PASS
				RB3#0	20.99	21.44	30	PASS
				RB3#2	21.01	21.46	30	PASS
				RB3#3	20.91	21.36	30	PASS
				RB6#0	20.56	21.01	30	PASS
				HCH	RB1#0	20.78	21.23	30
			RB1#3		20.75	21.2	30	PASS
			RB1#5		20.97	21.42	30	PASS
			RB3#0		20.83	21.28	30	PASS
			RB3#2		20.77	21.22	30	PASS
			RB3#3		20.73	21.18	30	PASS
			RB6#0		20.44	20.89	30	PASS
		3	LCH		RB1#0	20.74	21.19	30
				RB1#7	21.04	21.49	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	21.05	21.5	30	PASS
				RB8#0	20.35	20.8	30	PASS
				RB8#4	20.43	20.88	30	PASS
				RB8#7	20.4	20.85	30	PASS
				RB15#0	20.32	20.77	30	PASS
			MCH	RB1#0	21.16	21.61	30	PASS
			MCH	RB1#7	21.35	21.8	30	PASS
			MCH	RB1#14	20.81	21.26	30	PASS
			MCH	RB8#0	20.46	20.91	30	PASS
			MCH	RB8#4	20.47	20.92	30	PASS
			MCH	RB8#7	20.43	20.88	30	PASS
			MCH	RB15#0	20.36	20.81	30	PASS
			HCH	RB1#0	20.94	21.39	30	PASS
			HCH	RB1#7	21.11	21.56	30	PASS
			HCH	RB1#14	20.89	21.34	30	PASS
			HCH	RB8#0	20.29	20.74	30	PASS
			HCH	RB8#4	20.25	20.7	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict
				RB8#7	20.12	20.57	30	PASS
				RB15#0	20.15	20.6	30	PASS
		5	LCH	RB1#0	20.62	21.07	30	PASS
				RB1#13	21.17	21.62	30	PASS
				RB1#24	20.72	21.17	30	PASS
				RB12#0	20.48	20.93	30	PASS
				RB12#6	20.62	21.07	30	PASS
				RB12#13	20.49	20.94	30	PASS
				RB25#0	20.43	20.88	30	PASS
				MCH	RB1#0	21.02	21.47	30
		RB1#13	21.28		21.73	30	PASS	
		RB1#24	20.89		21.34	30	PASS	
		RB12#0	20.54		20.99	30	PASS	
		RB12#6	20.58		21.03	30	PASS	
		RB12#13	20.41		20.86	30	PASS	
HCH	RB25#0	20.41	20.86	30	PASS			
		HCH	RB1#0	21.02	21.47	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict		
				RB1#13	21.16	21.61	30	PASS		
				RB1#24	20.66	21.11	30	PASS		
				RB12#0	20.44	20.89	30	PASS		
				RB12#6	20.43	20.88	30	PASS		
				RB12#13	20.15	20.6	30	PASS		
				RB25#0	20.25	20.7	30	PASS		
		10	LCH		RB1#0	20.75	21.2	30	PASS	
					RB1#25	21.18	21.63	30	PASS	
					RB1#49	20.84	21.29	30	PASS	
					RB25#0	20.49	20.94	30	PASS	
					RB25#13	20.6	21.05	30	PASS	
					RB25#25	20.44	20.89	30	PASS	
					RB50#0	20.46	20.91	30	PASS	
					MCH	RB1#0	20.91	21.36	30	PASS
						RB1#25	21.19	21.64	30	PASS
						RB1#49	20.99	21.44	30	PASS
RB25#0	20.47	20.92	30	PASS						



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict
				RB25#13	20.47	20.92	30	PASS
				RB25#25	20.42	20.87	30	PASS
				RB50#0	20.42	20.87	30	PASS
			HCH	RB1#0	21.09	21.54	30	PASS
				RB1#25	21.09	21.54	30	PASS
				RB1#49	20.59	21.04	30	PASS
				RB25#0	20.58	21.03	30	PASS
				RB25#13	20.34	20.79	30	PASS
				RB25#25	20.05	20.5	30	PASS
		RB50#0	20.35	20.8	30	PASS		
		15	LCH	RB1#0	20.79	21.24	30	PASS
				RB1#38	21.15	21.6	30	PASS
				RB1#74	20.86	21.31	30	PASS
				RB38#0	20.55	21	30	PASS
				RB38#19	20.61	21.06	30	PASS
RB38#39	20.51			20.96	30	PASS		
RB75#0	20.53			20.98	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict
			MCH	RB1#0	20.85	21.3	30	PASS
				RB1#38	21.07	21.52	30	PASS
				RB1#74	20.88	21.33	30	PASS
				RB38#0	20.52	20.97	30	PASS
				RB38#19	20.6	21.05	30	PASS
				RB38#39	20.55	21	30	PASS
				RB75#0	20.49	20.94	30	PASS
			HCH	RB1#0	21.06	21.51	30	PASS
				RB1#38	21.27	21.72	30	PASS
				RB1#74	20.76	21.21	30	PASS
				RB38#0	20.68	21.13	30	PASS
				RB38#19	20.66	21.11	30	PASS
				RB38#39	20.38	20.83	30	PASS
				RB75#0	20.46	20.91	30	PASS
		20	LCH	RB1#0	21.03	21.48	30	PASS
RB1#50	21.44			21.89	30	PASS		
RB1#99	20.91			21.36	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[d Bm]	Limit [dBm]	Verdict
				RB50#0	20.57	21.02	30	PASS
				RB50#25	20.58	21.03	30	PASS
				RB50#50	20.42	20.87	30	PASS
				RB100#0	20.46	20.91	30	PASS
			MCH	RB1#0	21.2	21.65	30	PASS
				RB1#50	21.4	21.85	30	PASS
				RB1#99	21.15	21.6	30	PASS
				RB50#0	20.5	20.95	30	PASS
				RB50#25	20.49	20.94	30	PASS
				RB50#50	20.5	20.95	30	PASS
				RB100#0	20.52	20.97	30	PASS
			HCH	RB1#0	21.28	21.73	30	PASS
				RB1#50	21.58	22.03	30	PASS
				RB1#99	20.78	21.23	30	PASS
				RB50#0	20.76	21.21	30	PASS
				RB50#25	20.58	21.03	30	PASS
				RB50#50	20.41	20.86	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB100#0	20.54	20.99	30	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2:

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

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

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

SET Sweep time=auto-couple.

Detector: RMS



2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	3.73	13	PASS
				RB1#3	3.57	13	PASS
				RB1#5	3.57	13	PASS
				RB3#0	3.85	13	PASS
				RB3#2	3.63	13	PASS
				RB3#3	3.84	13	PASS
				RB6#0	5.16	13	PASS
			MCH	RB1#0	3.74	13	PASS
				RB1#3	3.77	13	PASS
				RB1#5	3.61	13	PASS
				RB3#0	3.83	13	PASS
				RB3#2	3.73	13	PASS
				RB3#3	3.97	13	PASS
				RB6#0	5.29	13	PASS
		HCH	RB1#0	3.24	13	PASS	
			RB1#3	3.25	13	PASS	
			RB1#5	3.29	13	PASS	
			RB3#0	3.64	13	PASS	
			RB3#2	3.58	13	PASS	
			RB3#3	3.67	13	PASS	
			RB6#0	5.17	13	PASS	
		3	LCH	RB1#0	3.73	13	PASS
				RB1#7	3.25	13	PASS
				RB1#14	3.4	13	PASS
				RB8#0	4.82	13	PASS
				RB8#4	4.56	13	PASS
				RB8#7	4.68	13	PASS
				RB15#0	5.2	13	PASS
MCH	RB1#0		3.74	13	PASS		
RB1#7	3.43	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	3.7	13	PASS
				RB8#0	4.98	13	PASS
				RB8#4	4.81	13	PASS
				RB8#7	4.89	13	PASS
				RB15#0	5.31	13	PASS
			HCH	RB1#0	3.3	13	PASS
				RB1#7	3.05	13	PASS
				RB1#14	3.48	13	PASS
				RB8#0	4.9	13	PASS
				RB8#4	4.91	13	PASS
				RB8#7	4.86	13	PASS
			LCH	RB15#0	5.39	13	PASS
				RB1#0	3.9	13	PASS
				RB1#13	3.44	13	PASS
				RB1#24	3.62	13	PASS
		RB12#0		4.78	13	PASS	
		RB12#6		4.55	13	PASS	
		RB12#13		4.77	13	PASS	
		MCH	RB25#0	5.31	13	PASS	
			RB1#0	3.84	13	PASS	
			RB1#13	3.64	13	PASS	
			RB1#24	3.84	13	PASS	
			RB12#0	4.9	13	PASS	
			RB12#6	4.78	13	PASS	
			RB12#13	4.99	13	PASS	
		HCH	RB25#0	5.47	13	PASS	
			RB1#0	3.42	13	PASS	
			RB1#13	3.32	13	PASS	
			RB1#24	3.6	13	PASS	
			RB12#0	4.77	13	PASS	
			RB12#6	4.69	13	PASS	
			RB12#13	4.96	13	PASS	
		10	LCH	RB25#0	5.43	13	PASS
RB1#0	3.75			13	PASS		
RB1#25	3.3			13	PASS		
RB1#49	3.55			13	PASS		
RB25#0	4.83			13	PASS		
RB25#13	4.67			13	PASS		
				RB25#25	4.83	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.46	13	PASS
			MCH	RB1#0	3.64	13	PASS
				RB1#25	3.51	13	PASS
				RB1#49	3.71	13	PASS
				RB25#0	5.03	13	PASS
				RB25#13	5	13	PASS
				RB25#25	5.07	13	PASS
				RB50#0	5.6	13	PASS
			HCH	RB1#0	3.24	13	PASS
				RB1#25	3.04	13	PASS
				RB1#49	3.6	13	PASS
				RB25#0	4.75	13	PASS
				RB25#13	4.73	13	PASS
				RB25#25	5.03	13	PASS
		RB50#0		5.52	13	PASS	
		15	LCH	RB1#0	3.7	13	PASS
				RB1#38	3.27	13	PASS
				RB1#74	3.62	13	PASS
				RB38#0	4.91	13	PASS
				RB38#19	4.69	13	PASS
				RB38#39	4.86	13	PASS
				RB75#0	5.57	13	PASS
			MCH	RB1#0	3.46	13	PASS
				RB1#38	3.45	13	PASS
				RB1#74	3.49	13	PASS
				RB38#0	5.13	13	PASS
				RB38#19	5.03	13	PASS
				RB38#39	5.13	13	PASS
				RB75#0	5.75	13	PASS
		HCH	RB1#0	3.33	13	PASS	
			RB1#38	2.99	13	PASS	
			RB1#74	3.58	13	PASS	
			RB38#0	4.8	13	PASS	
RB38#19	4.57		13	PASS			
RB38#39	4.88		13	PASS			
RB75#0	5.56		13	PASS			
20	LCH	RB1#0	3.69	13	PASS		
		RB1#50	3.3	13	PASS		
		RB1#99	3.86	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	4.91	13	PASS
				RB50#25	4.75	13	PASS
				RB50#50	4.98	13	PASS
				RB100#0	5.68	13	PASS
			MCH	RB1#0	3.55	13	PASS
				RB1#50	3.54	13	PASS
				RB1#99	3.5	13	PASS
				RB50#0	5.09	13	PASS
				RB50#25	5.12	13	PASS
				RB50#50	5.19	13	PASS
			HCH	RB100#0	5.62	13	PASS
				RB1#0	3.59	13	PASS
				RB1#50	2.92	13	PASS
				RB1#99	3.51	13	PASS
				RB50#0	4.99	13	PASS
				RB50#25	4.67	13	PASS
			LCH	RB50#50	4.85	13	PASS
				RB100#0	5.37	13	PASS
	RB1#0	4.84		13	PASS		
	RB1#3	4.8		13	PASS		
	RB1#5	4.72		13	PASS		
	RB3#0	4.93		13	PASS		
	RB3#2	4.89		13	PASS		
	RB3#3	4.92		13	PASS		
	RB6#0	5.67		13	PASS		
	MCH	RB1#0		4.64	13	PASS	
		RB1#3		4.86	13	PASS	
		RB1#5		4.76	13	PASS	
		RB3#0	4.92	13	PASS		
		RB3#2	4.96	13	PASS		
RB3#3		5.05	13	PASS			
HCH	RB6#0	5.87	13	PASS			
	RB1#0	4.63	13	PASS			
	RB1#3	4.85	13	PASS			
	RB1#5	4.72	13	PASS			
	RB3#0	5.05	13	PASS			
	RB3#2	5.04	13	PASS			
		1.4		RB3#3	4.96	13	PASS
				RB6#0	6.01	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.93	13	PASS
				RB1#7	4.54	13	PASS
				RB1#14	4.73	13	PASS
				RB8#0	5.21	13	PASS
				RB8#4	5.13	13	PASS
				RB8#7	5.16	13	PASS
				RB15#0	5.72	13	PASS
			MCH	RB1#0	4.91	13	PASS
				RB1#7	4.43	13	PASS
				RB1#14	4.86	13	PASS
				RB8#0	5.41	13	PASS
				RB8#4	5.28	13	PASS
				RB8#7	5.51	13	PASS
				RB15#0	6.29	13	PASS
			HCH	RB1#0	4.73	13	PASS
				RB1#7	4.38	13	PASS
				RB1#14	4.83	13	PASS
				RB8#0	5.41	13	PASS
		RB8#4		5.34	13	PASS	
		RB8#7		5.41	13	PASS	
		5	LCH	RB1#0	4.94	13	PASS
				RB1#13	4.68	13	PASS
				RB1#24	4.77	13	PASS
				RB12#0	5.18	13	PASS
RB12#6	4.92			13	PASS		
RB12#13	5.12			13	PASS		
RB25#0	5.75			13	PASS		
MCH	RB1#0		4.9	13	PASS		
	RB1#13		4.94	13	PASS		
	RB1#24		4.93	13	PASS		
	RB12#0		5.5	13	PASS		
	RB12#6		5.38	13	PASS		
	RB12#13		5.58	13	PASS		
HCH	RB25#0		6	13	PASS		
	RB1#0		4.68	13	PASS		
	RB1#13		4.72	13	PASS		
	RB1#24	4.97	13	PASS			
				RB12#0	5.37	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	5.19	13	PASS
				RB12#13	5.38	13	PASS
				RB25#0	5.91	13	PASS
			LCH	RB1#0	4.76	13	PASS
				RB1#25	4.33	13	PASS
				RB1#49	4.59	13	PASS
				RB25#0	5.09	13	PASS
				RB25#13	4.94	13	PASS
				RB25#25	5.06	13	PASS
		RB50#0		5.82	13	PASS	
		MCH	RB1#0	4.98	13	PASS	
			RB1#25	4.89	13	PASS	
			RB1#49	5.14	13	PASS	
			RB25#0	5.73	13	PASS	
			RB25#13	5.67	13	PASS	
			RB25#25	5.72	13	PASS	
		HCH	RB50#0	6.26	13	PASS	
			RB1#0	4.41	13	PASS	
			RB1#25	4.42	13	PASS	
			RB1#49	5.01	13	PASS	
			RB25#0	5.08	13	PASS	
			RB25#13	5.23	13	PASS	
		15	LCH	RB25#25	5.56	13	PASS
				RB50#0	6.14	13	PASS
				RB1#0	4.93	13	PASS
				RB1#38	4.45	13	PASS
				RB1#74	4.65	13	PASS
				RB38#0	5.3	13	PASS
				RB38#19	5.04	13	PASS
			MCH	RB38#39	5.27	13	PASS
RB75#0	6			13	PASS		
RB1#0	5			13	PASS		
RB1#38	4.92			13	PASS		
RB1#74	4.8			13	PASS		
RB38#0	5.74			13	PASS		
RB38#19	5.56			13	PASS		
HCH	RB38#39		5.72	13	PASS		
	RB75#0	6.36	13	PASS			
			HCH	RB1#0	4.78	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#38	4.34	13	PASS	
				RB1#74	4.84	13	PASS	
				RB38#0	5.25	13	PASS	
				RB38#19	5.1	13	PASS	
				RB38#39	5.48	13	PASS	
				RB75#0	6.14	13	PASS	
				LCH	RB1#0	4.88	13	PASS
					RB1#50	4.23	13	PASS
					RB1#99	5.09	13	PASS
					RB50#0	5.41	13	PASS
					RB50#25	5.26	13	PASS
					RB50#50	5.5	13	PASS
		RB100#0	6.14		13	PASS		
		MCH	RB1#0	4.68	13	PASS		
			RB1#50	4.58	13	PASS		
			RB1#99	4.65	13	PASS		
			RB50#0	5.55	13	PASS		
			RB50#25	5.72	13	PASS		
			RB50#50	5.8	13	PASS		
			RB100#0	6.43	13	PASS		
		HCH	RB1#0	4.75	13	PASS		
			RB1#50	4.13	13	PASS		
			RB1#99	4.96	13	PASS		
			RB50#0	5.66	13	PASS		
			RB50#25	5.26	13	PASS		
			RB50#50	5.56	13	PASS		
			RB100#0	6.18	13	PASS		

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

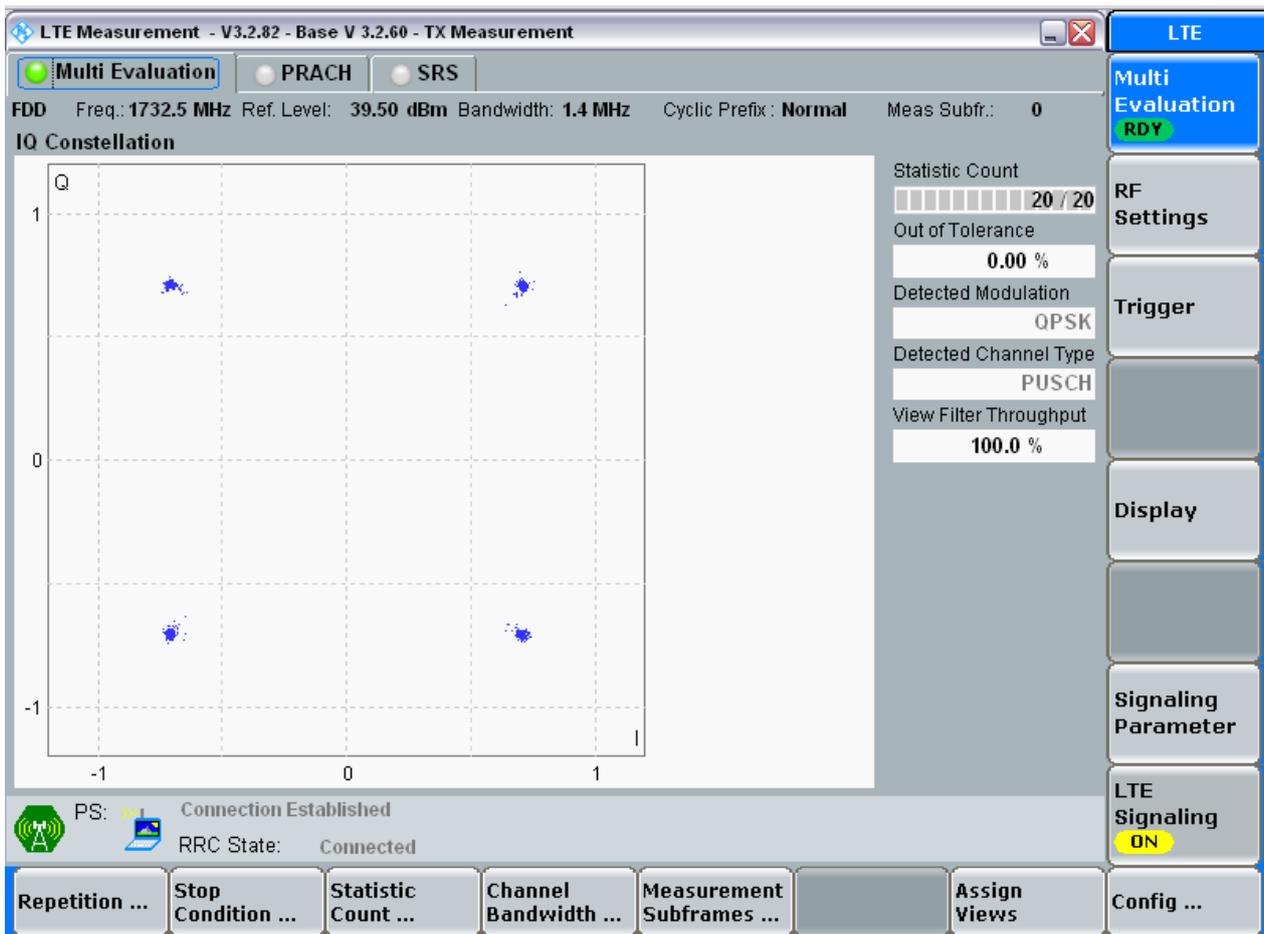
3.1.1 Test Band = BAND4

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

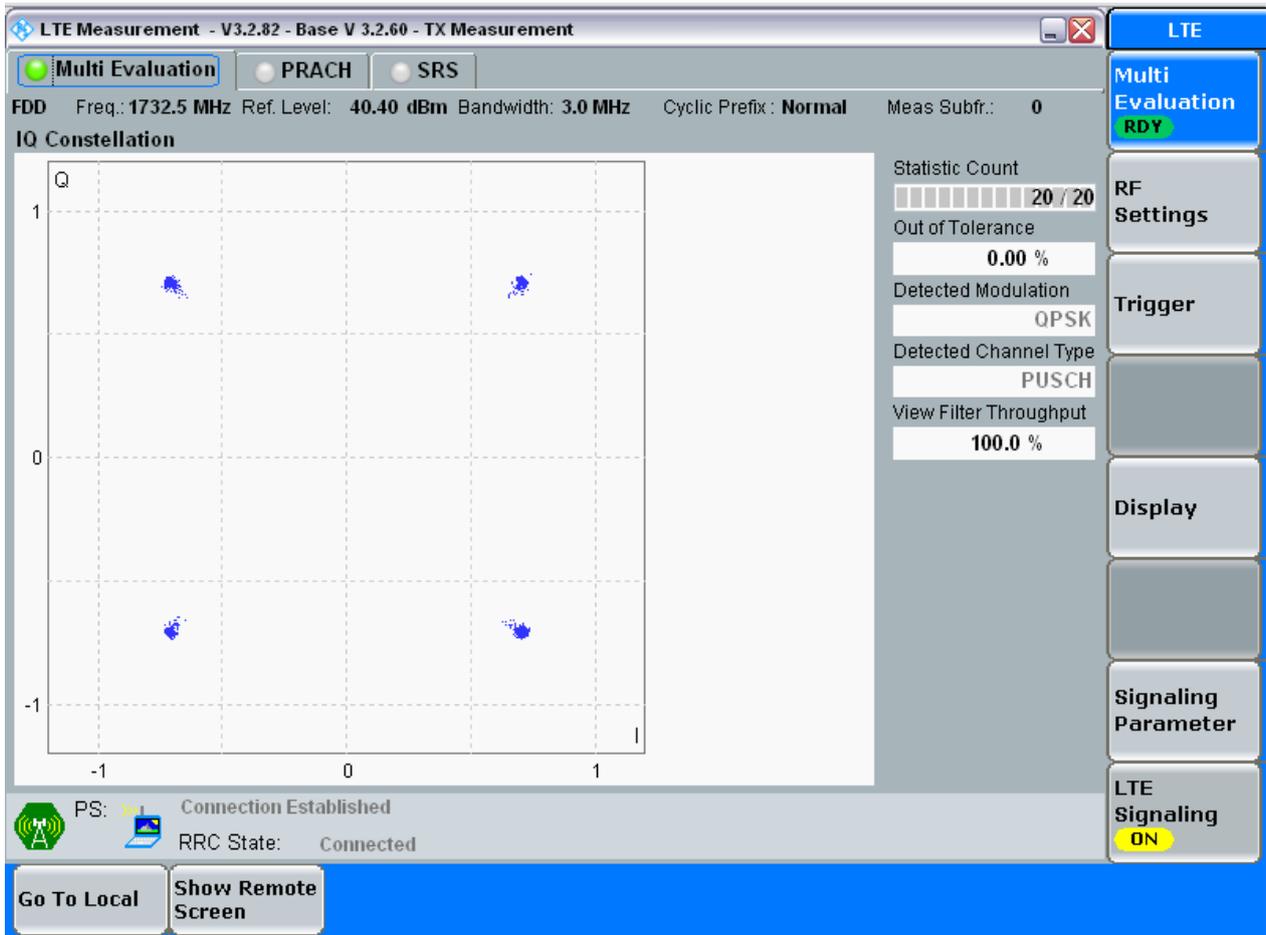




3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

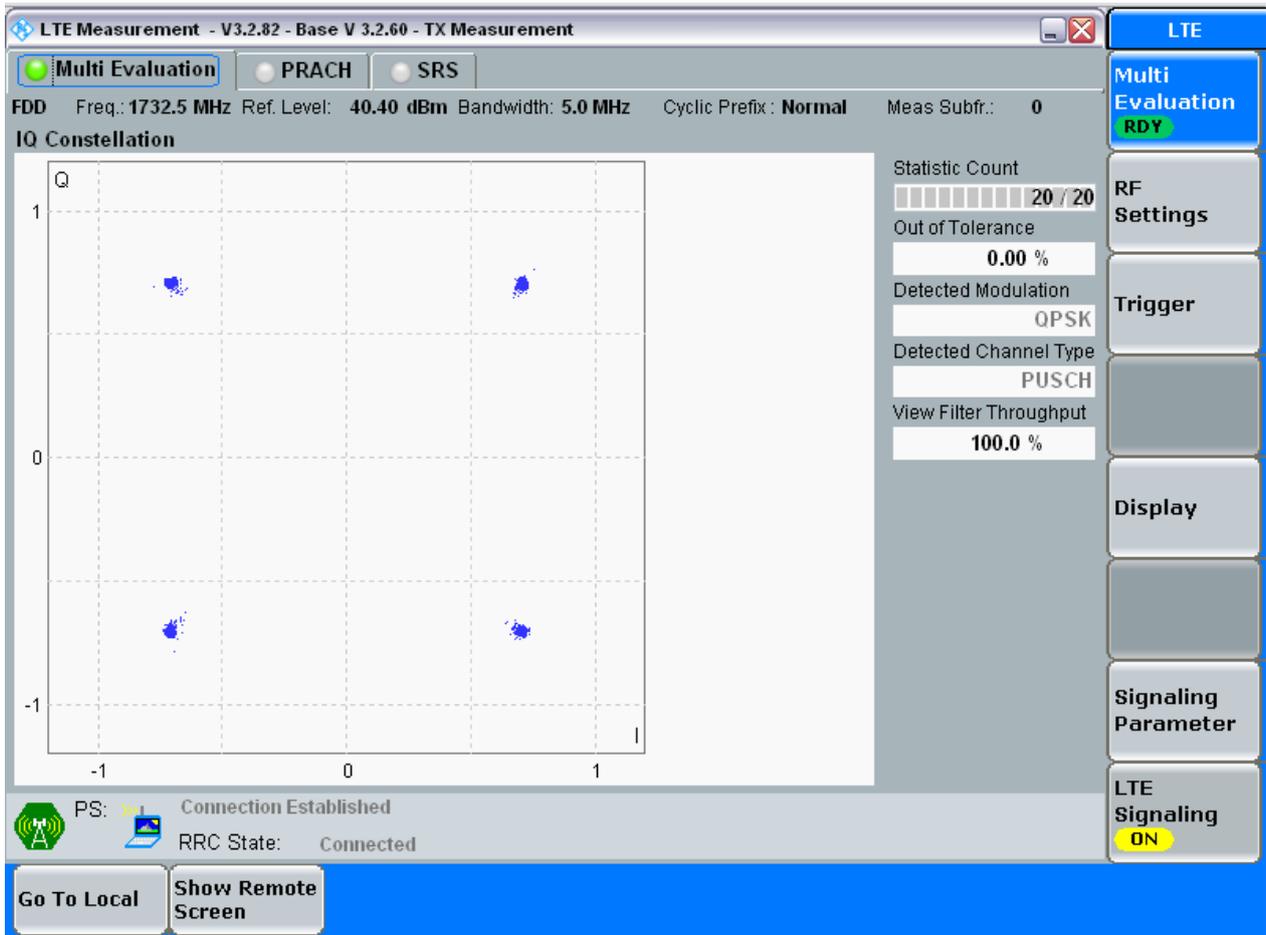
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

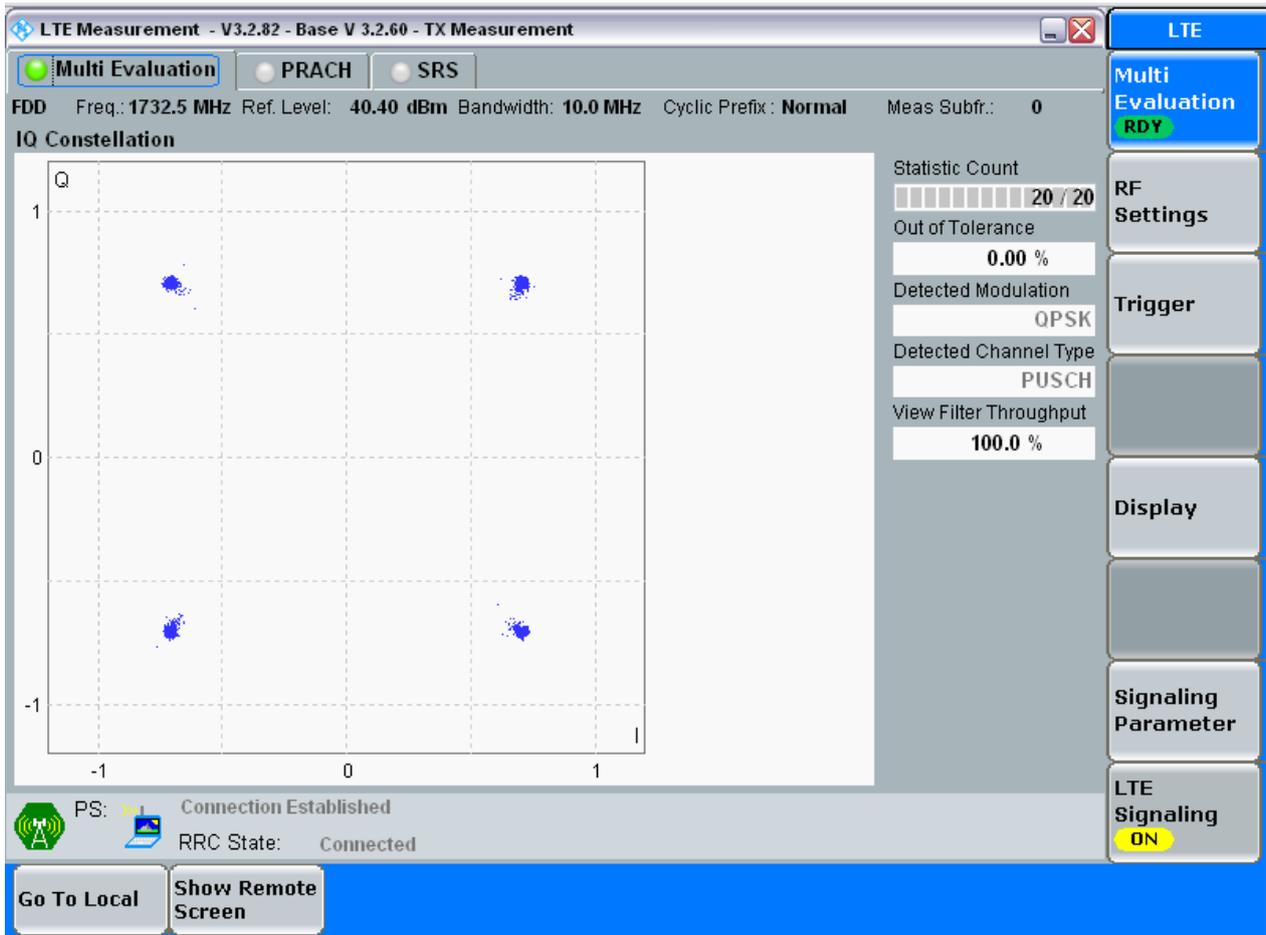
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

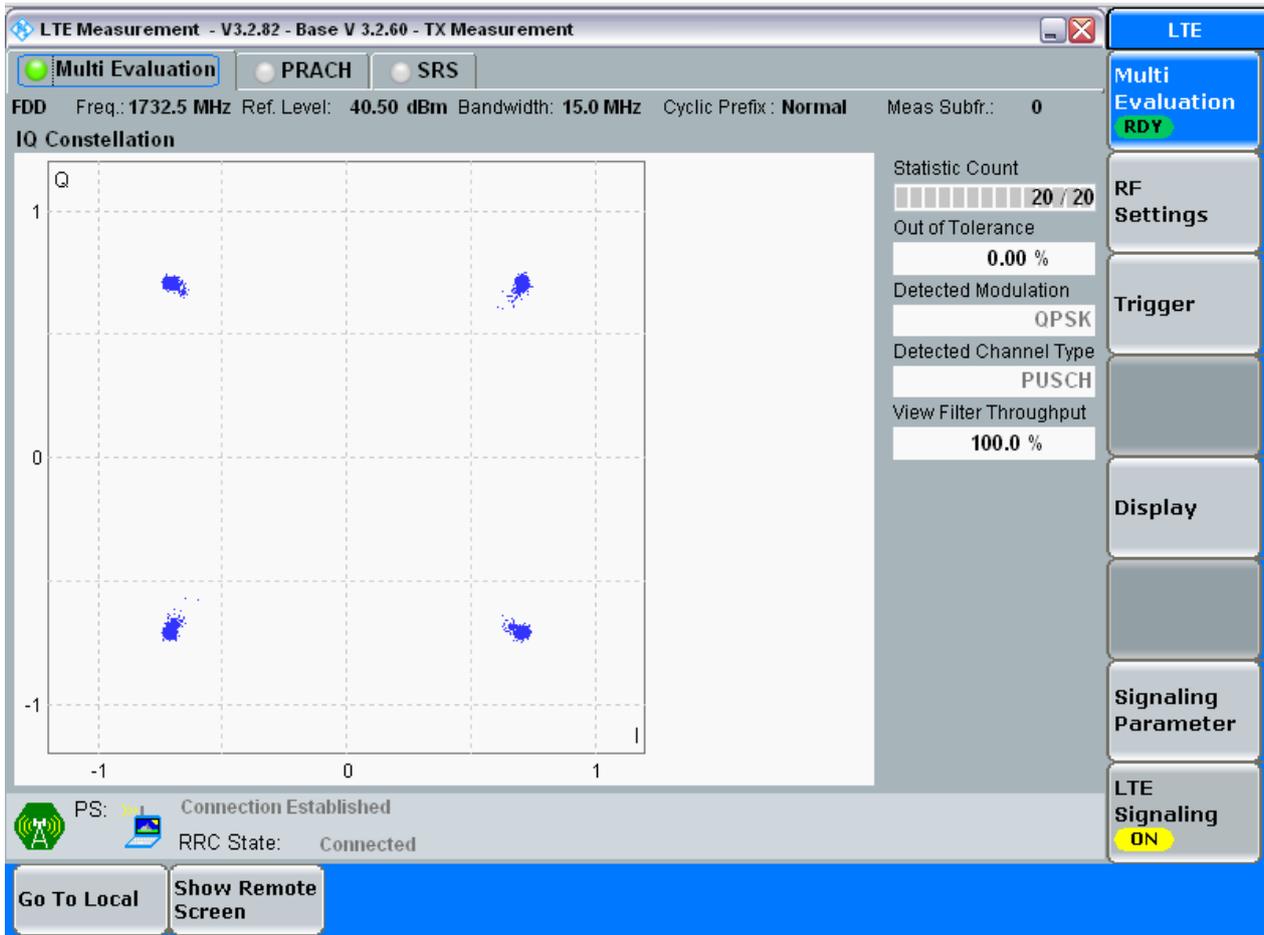
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

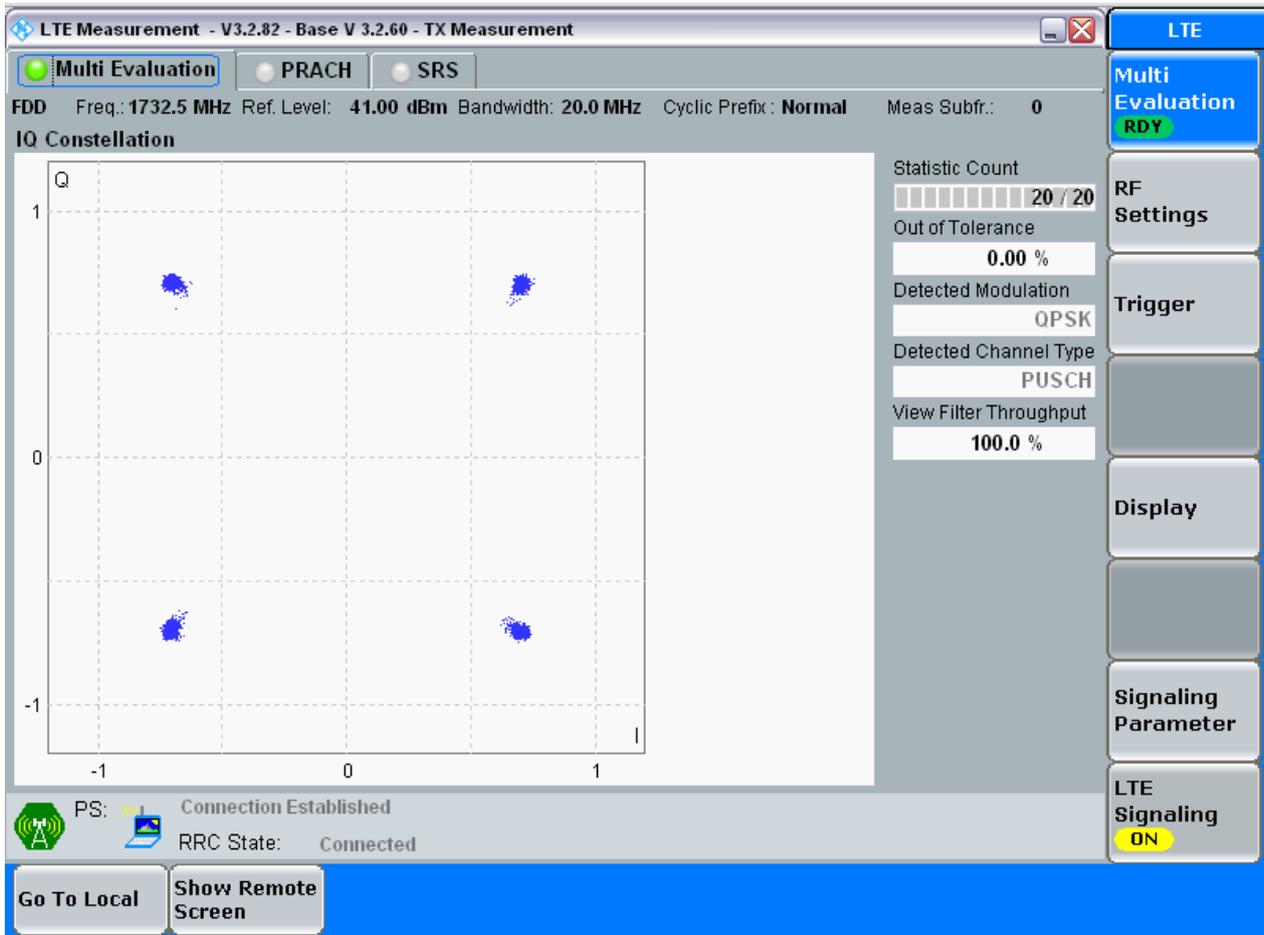
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

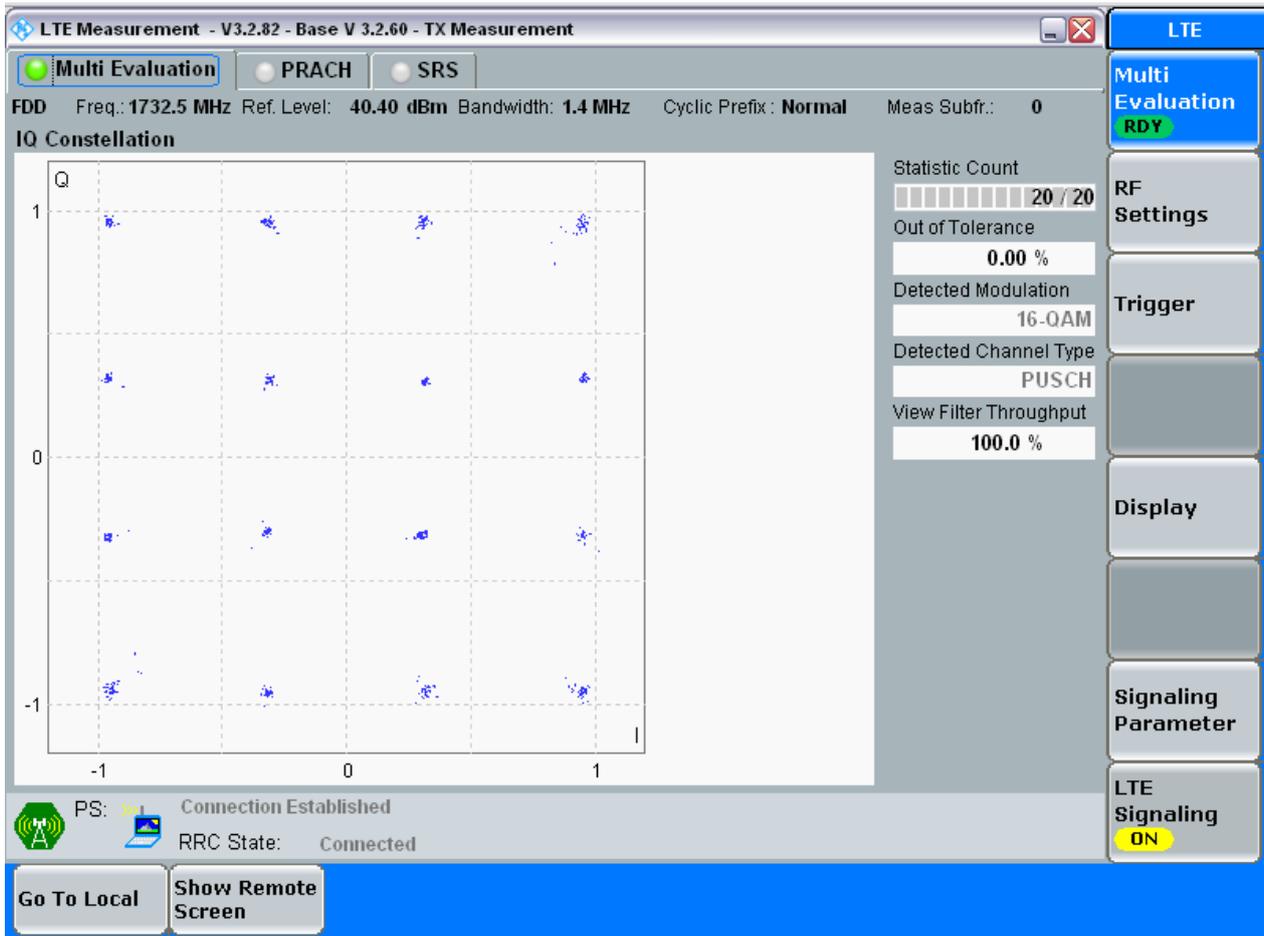


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

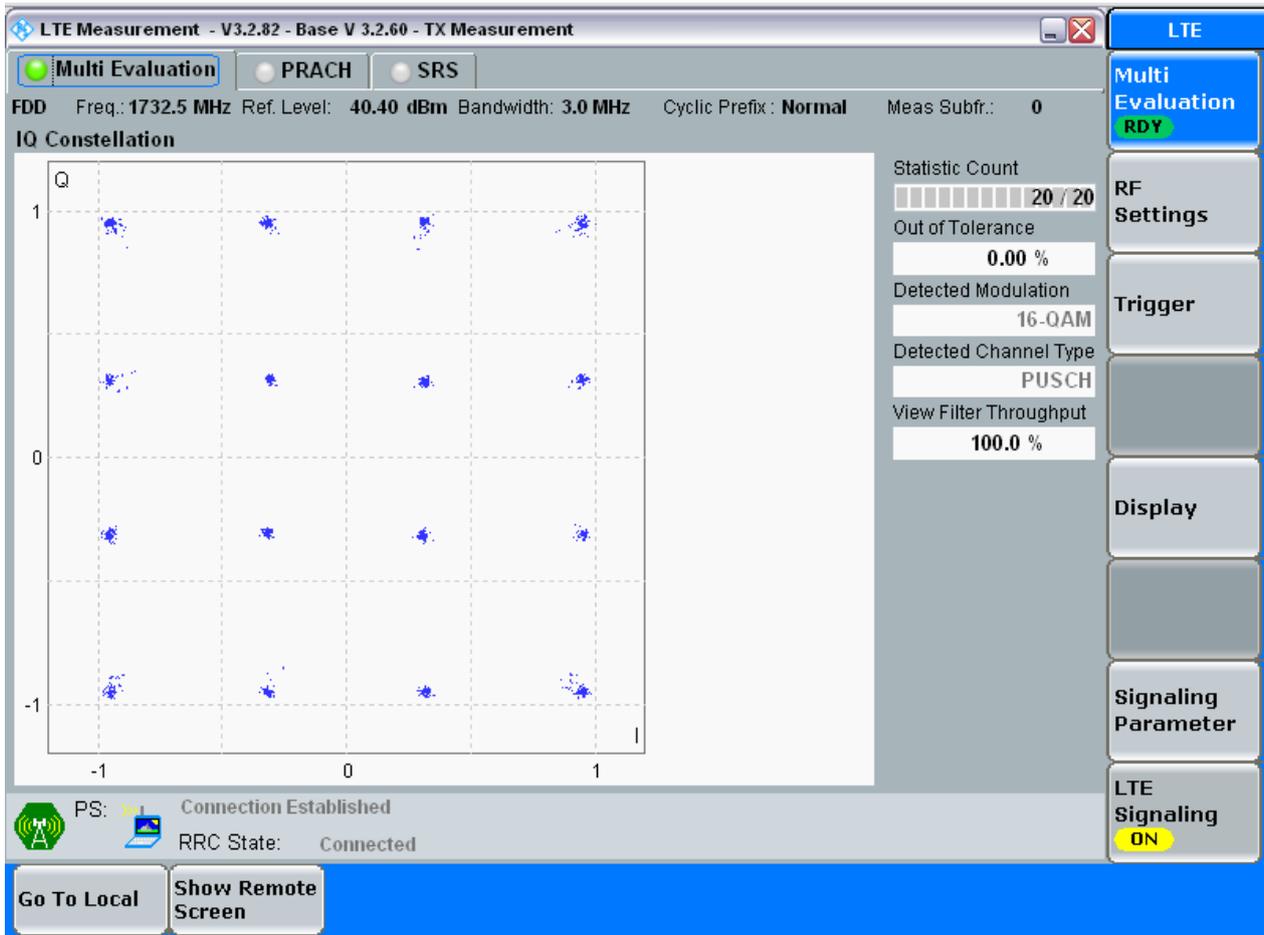
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

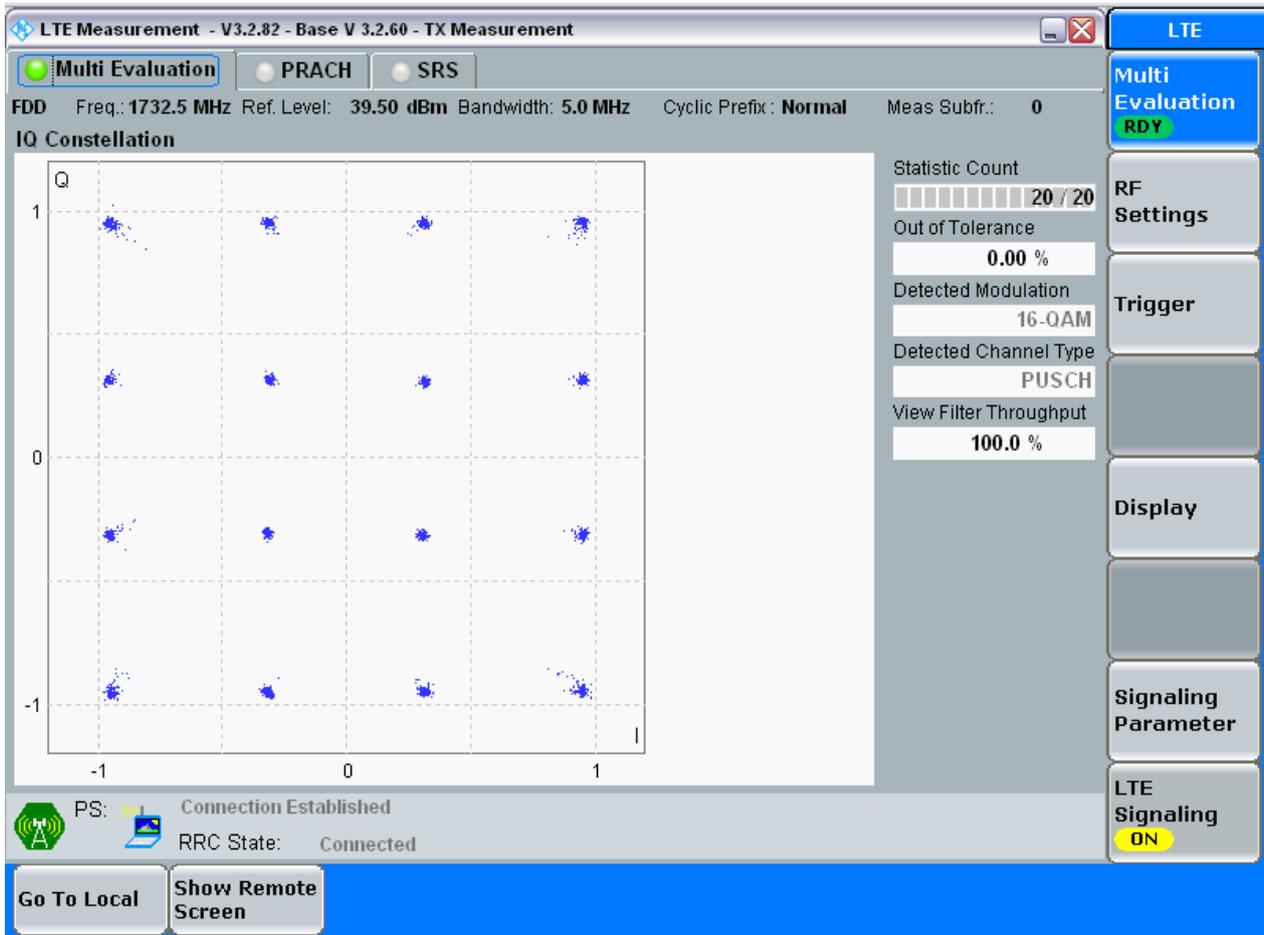
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

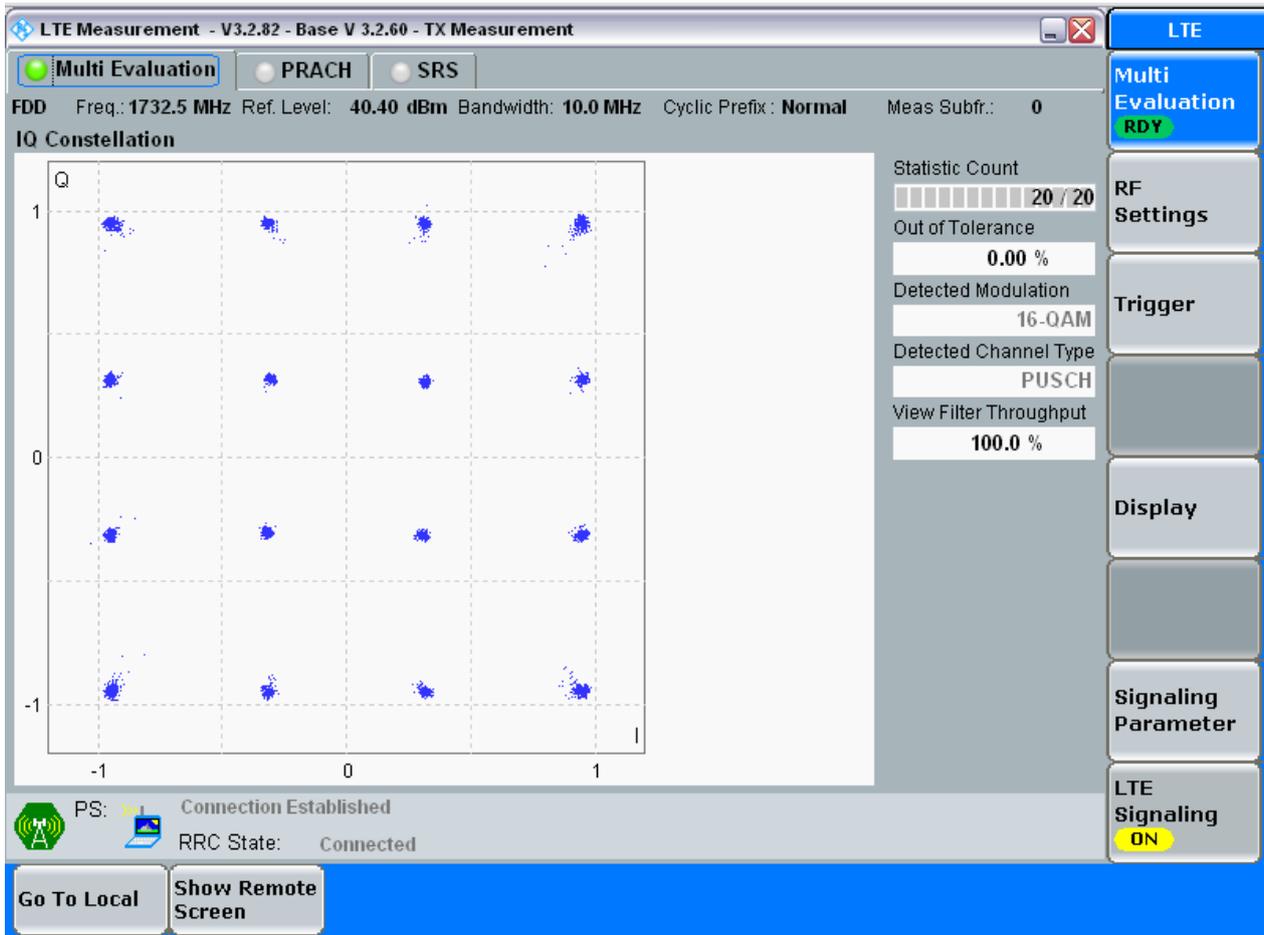
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

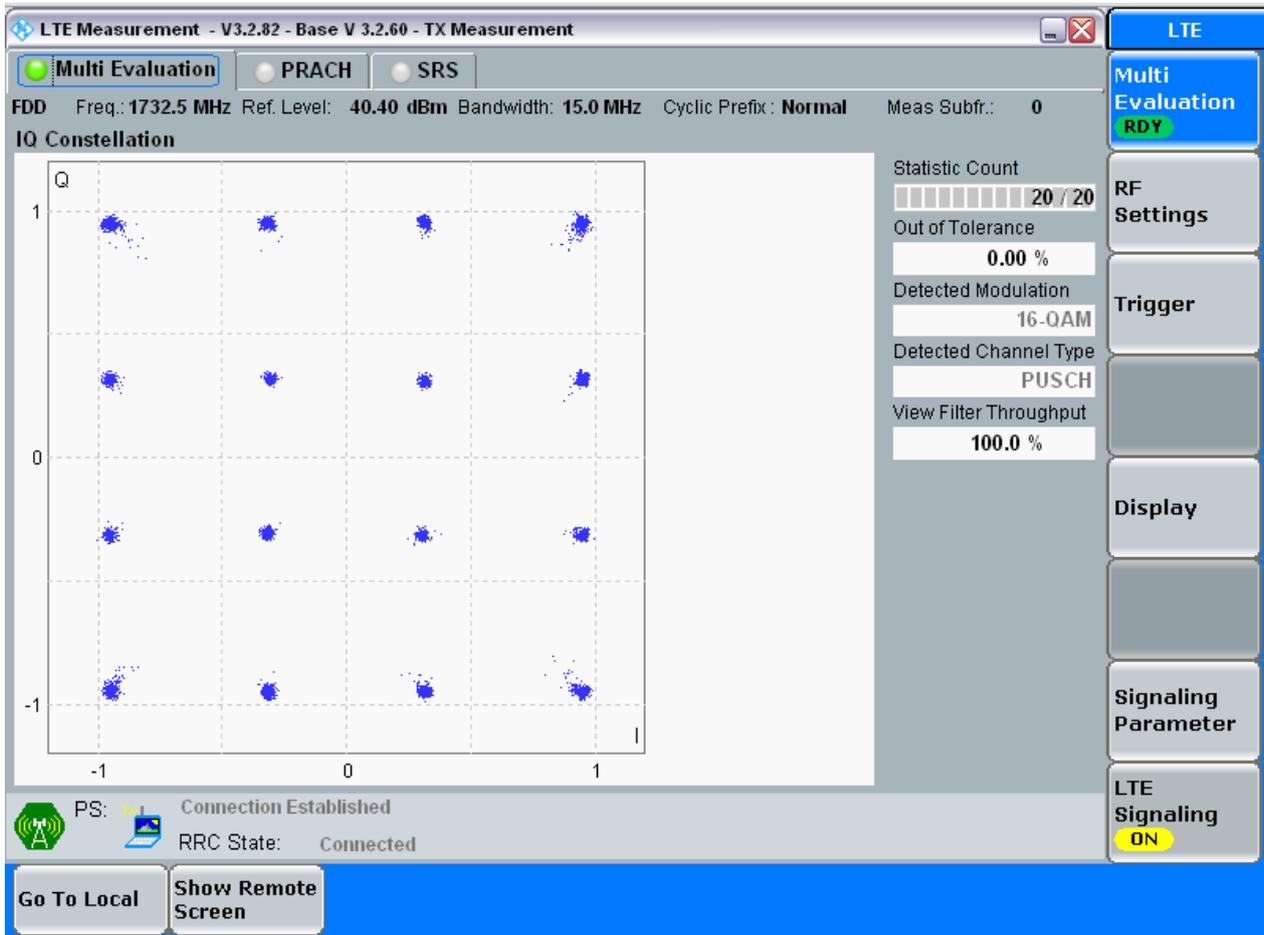
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

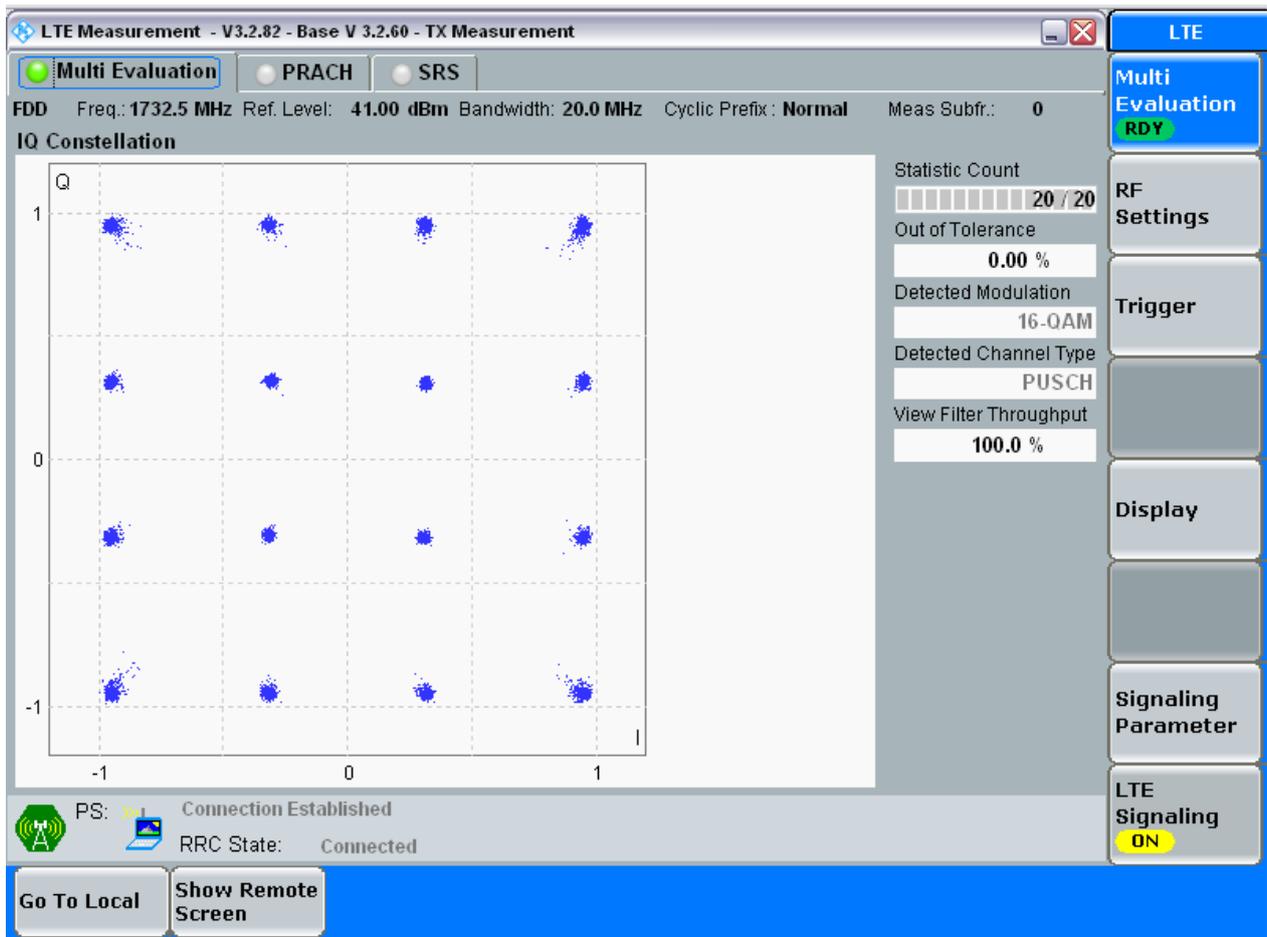
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#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
BAND4	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	1.22	Pass
		3	LCH	RB15#0	2.71	2.95	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.51	4.87	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.99	9.61	Pass
			MCH	RB50#0	8.99	9.59	Pass
			HCH	RB50#0	8.97	9.56	Pass
		15	LCH	RB75#0	13.48	14.40	Pass
			MCH	RB75#0	13.48	14.40	Pass
			HCH	RB75#0	13.46	14.41	Pass
		20	LCH	RB100#0	17.96	19.08	Pass
			MCH	RB100#0	17.96	19.13	Pass
			HCH	RB100#0	17.94	19.12	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.95	Pass
			MCH	RB15#0	2.71	2.95	Pass
			HCH	RB15#0	2.71	2.95	Pass
5		LCH	RB25#0	4.50	4.88	Pass	
		MCH	RB25#0	4.50	4.88	Pass	
		HCH	RB25#0	4.51	4.86	Pass	
10		LCH	RB50#0	9.00	9.63	Pass	
		MCH	RB50#0	8.99	9.61	Pass	
		HCH	RB50#0	8.99	9.59	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.48	14.48	Pass
			MCH	RB75#0	13.48	14.43	Pass
			HCH	RB75#0	13.46	14.41	Pass
		20	LCH	RB100#0	17.96	19.13	Pass
			MCH	RB100#0	17.98	19.15	Pass
			HCH	RB100#0	17.94	19.08	Pass



Part II - Test Plots

4.1 For LTE

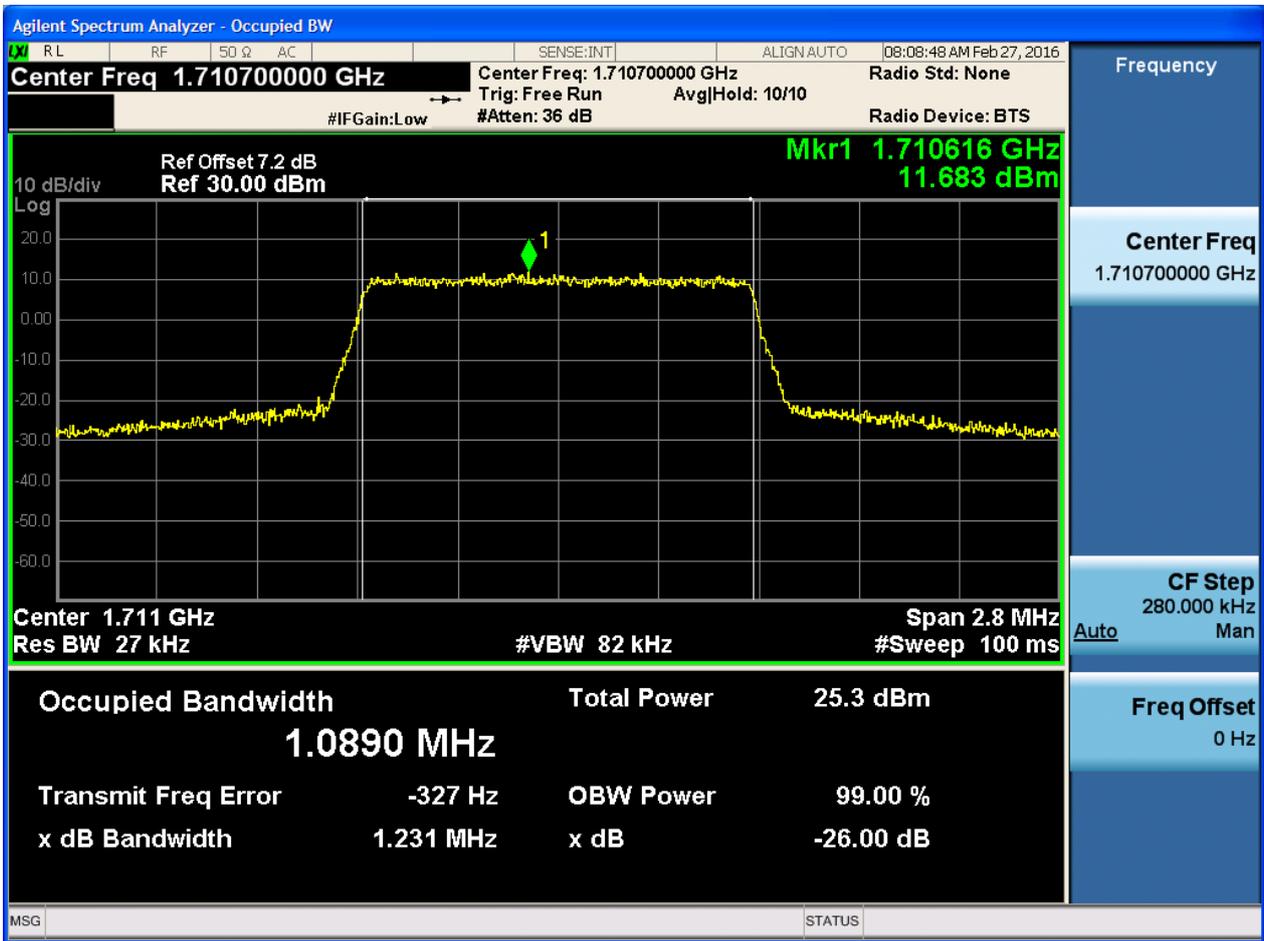
4.1.1 Test Band = BAND4

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

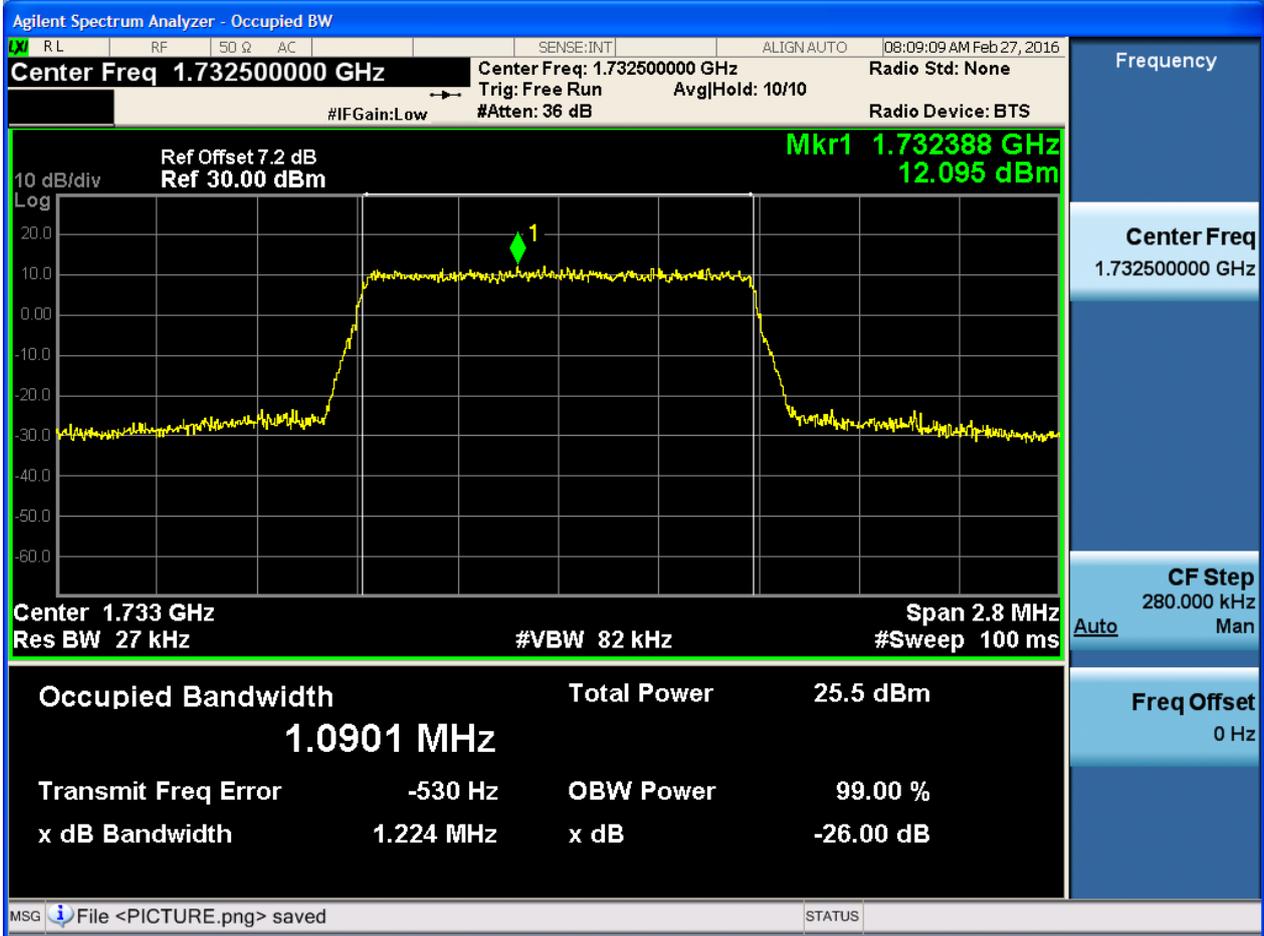
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

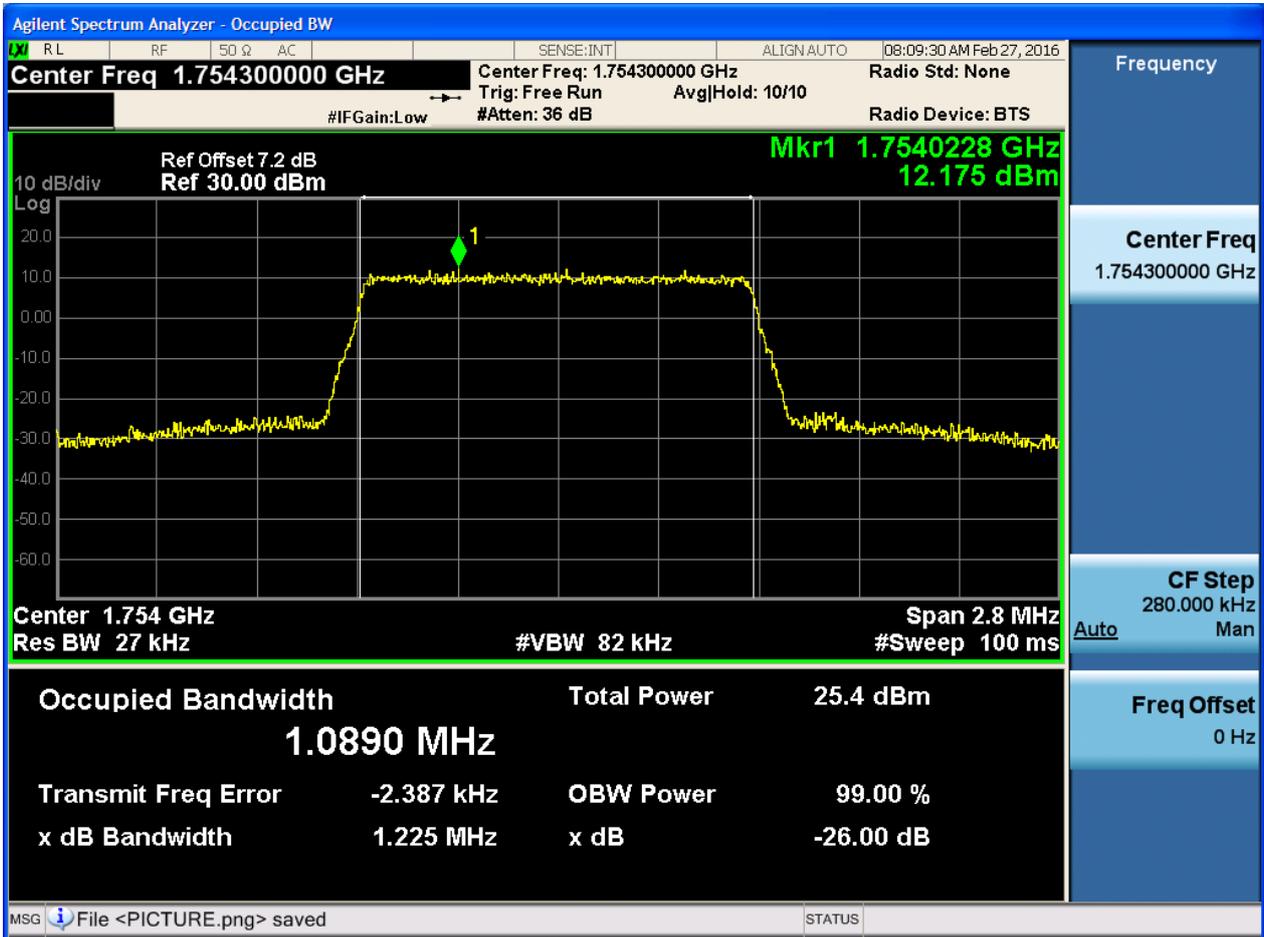
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

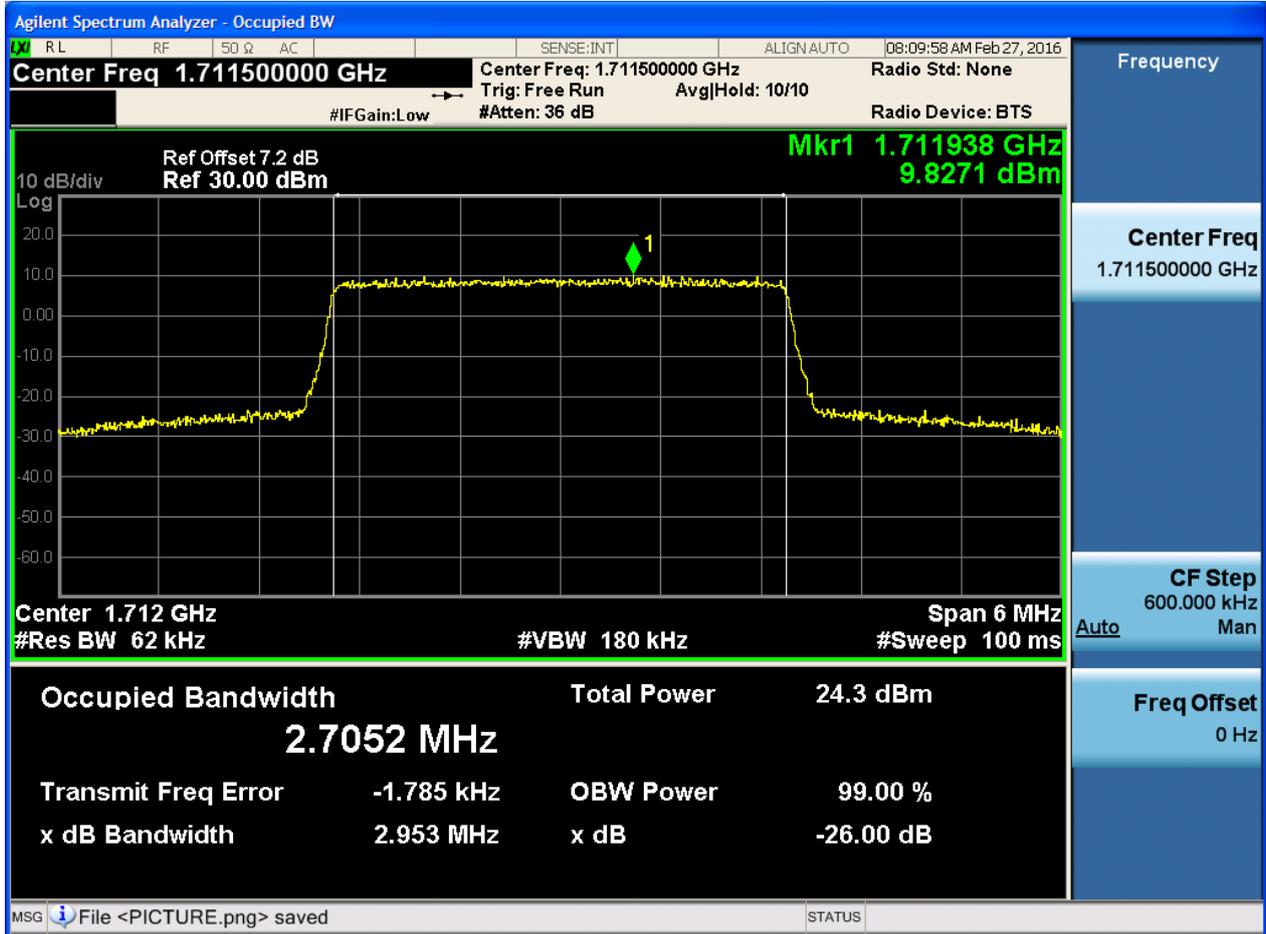




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

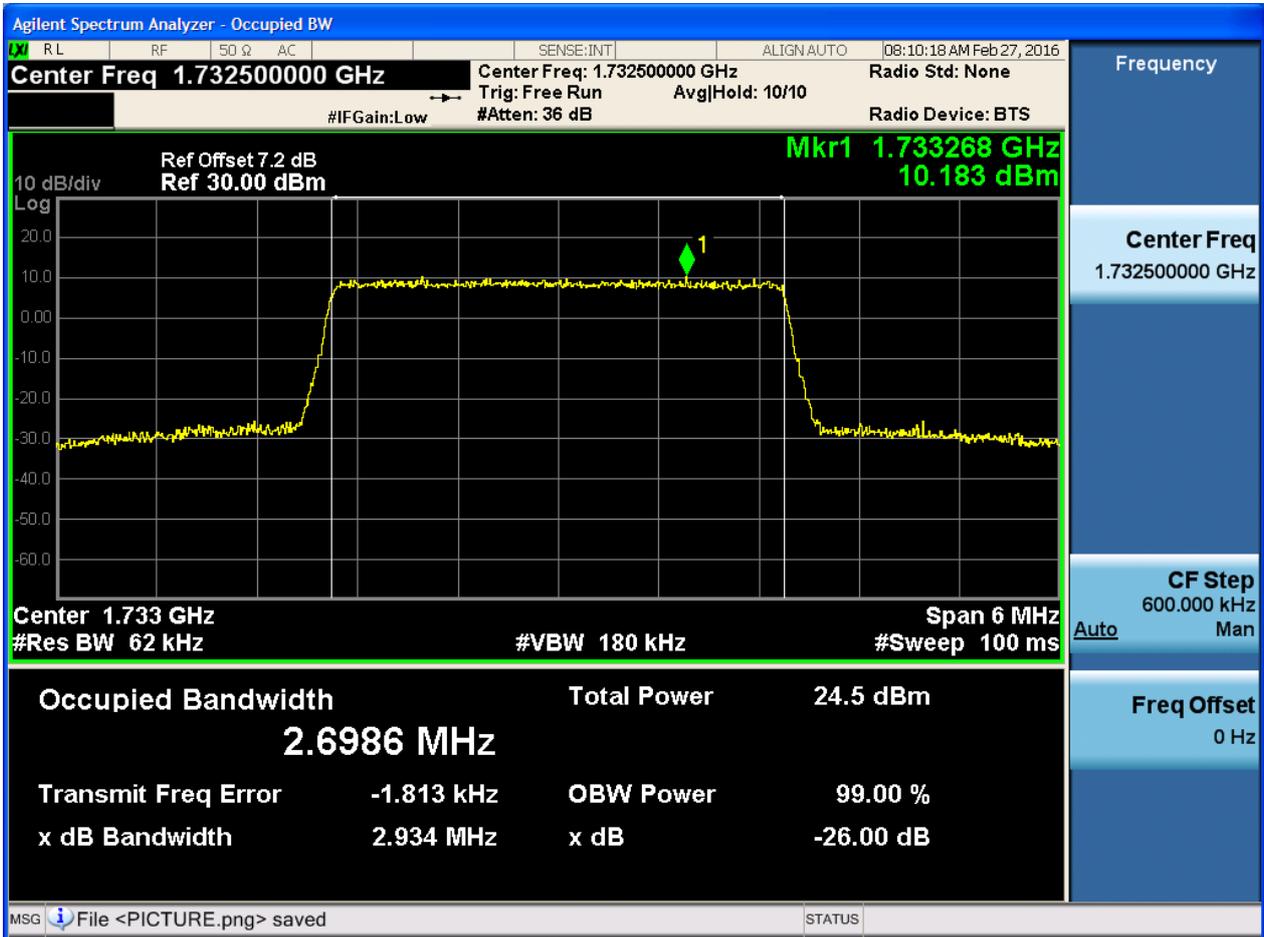
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

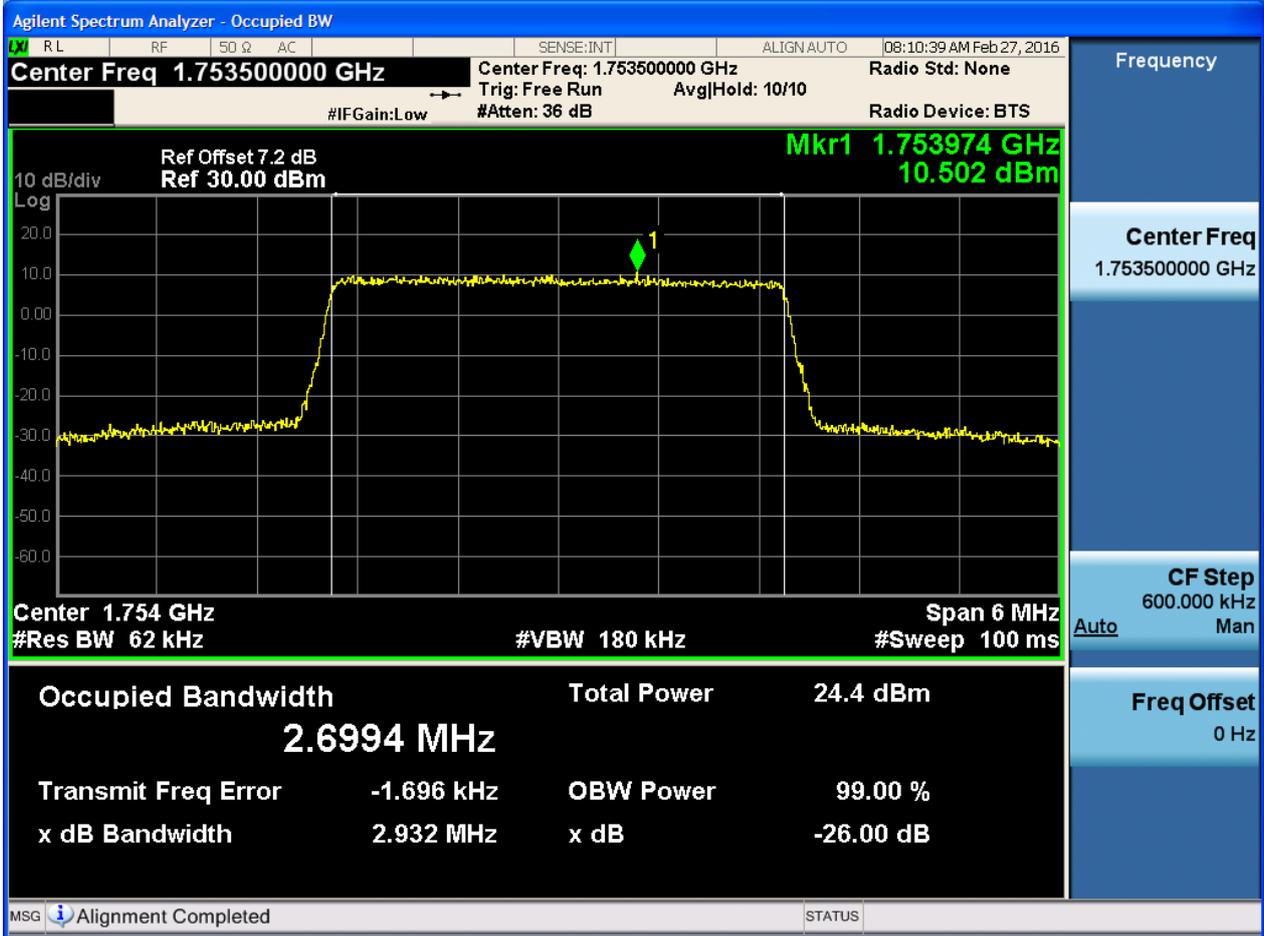
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

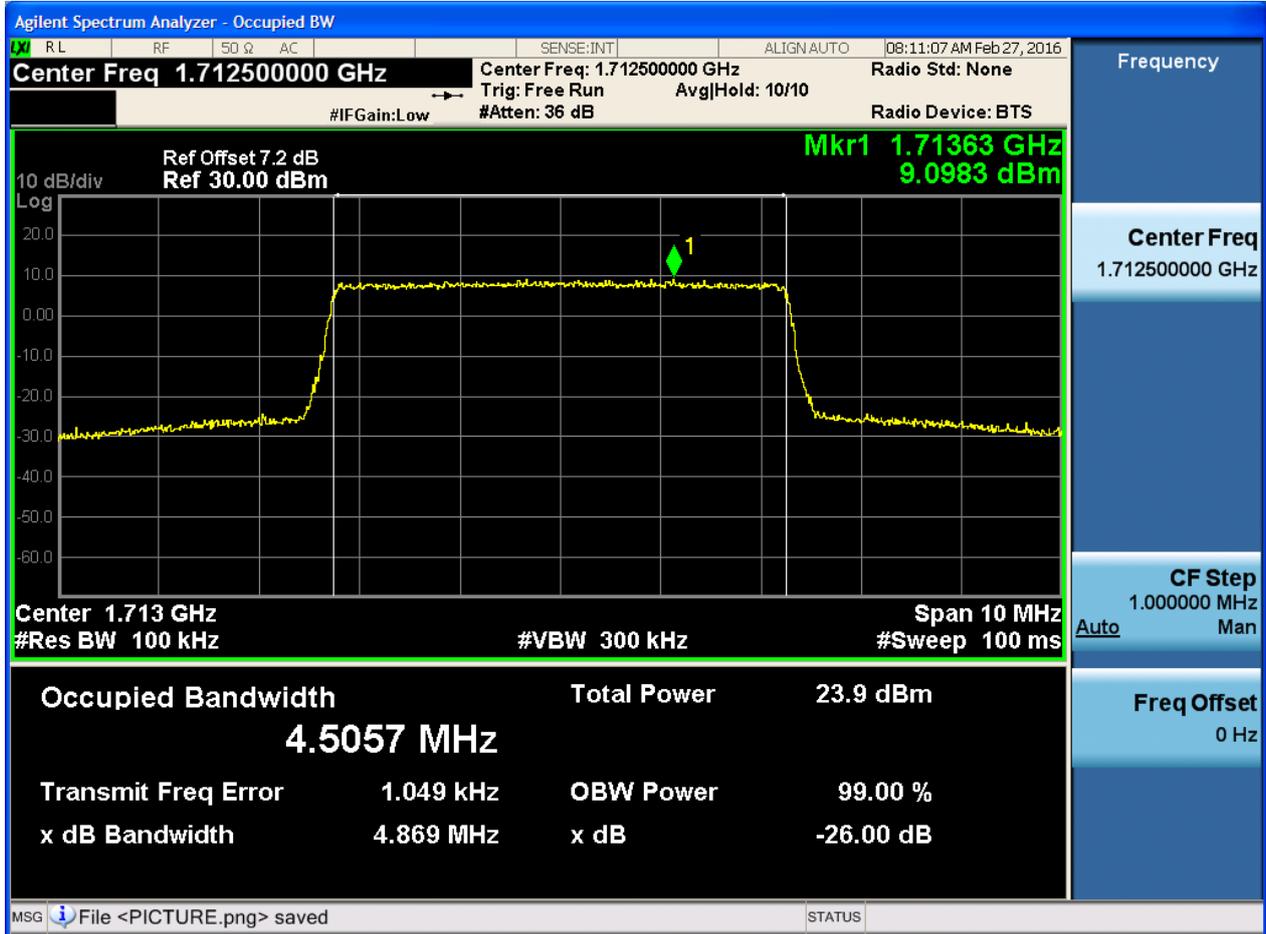




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

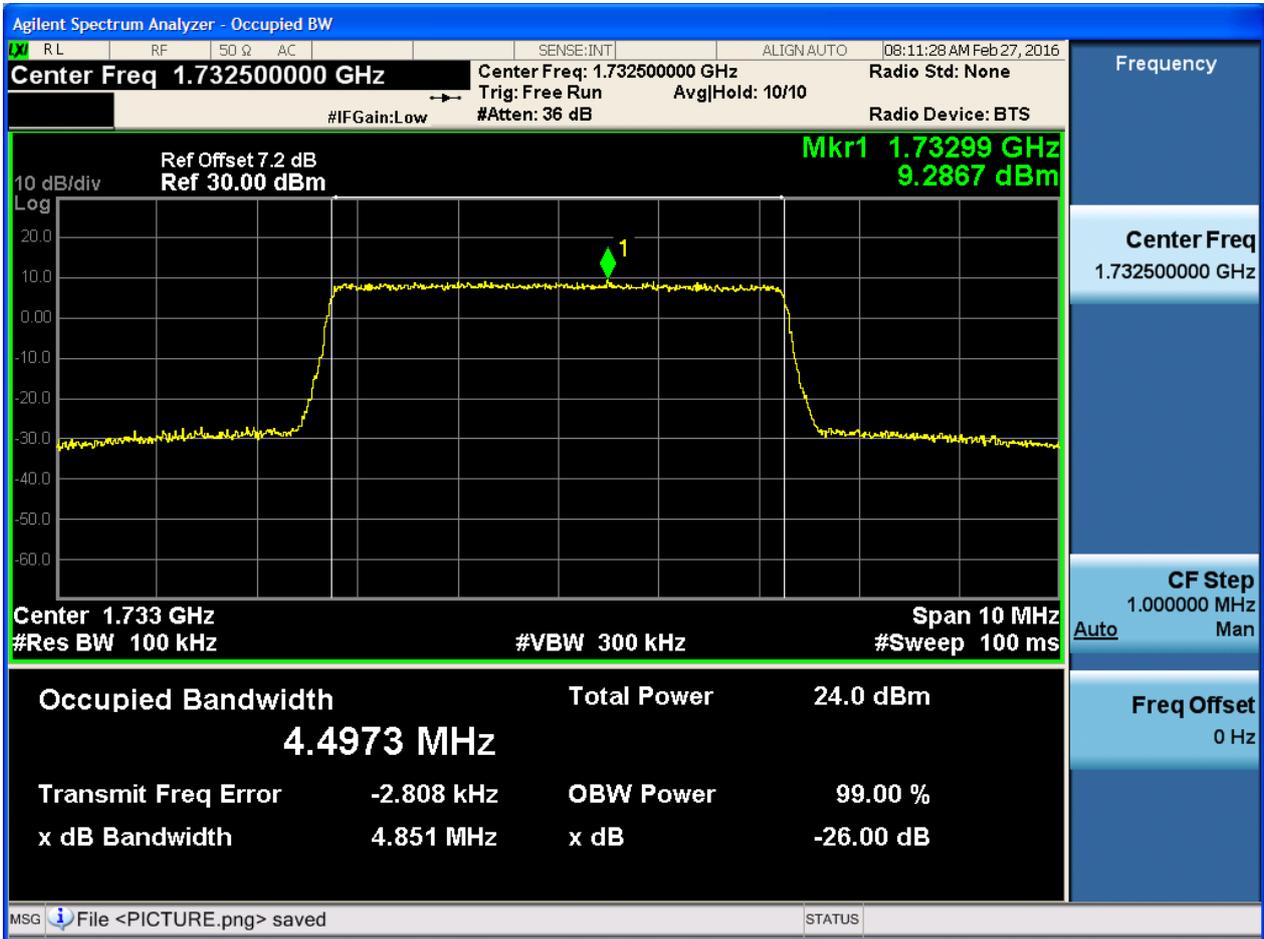
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

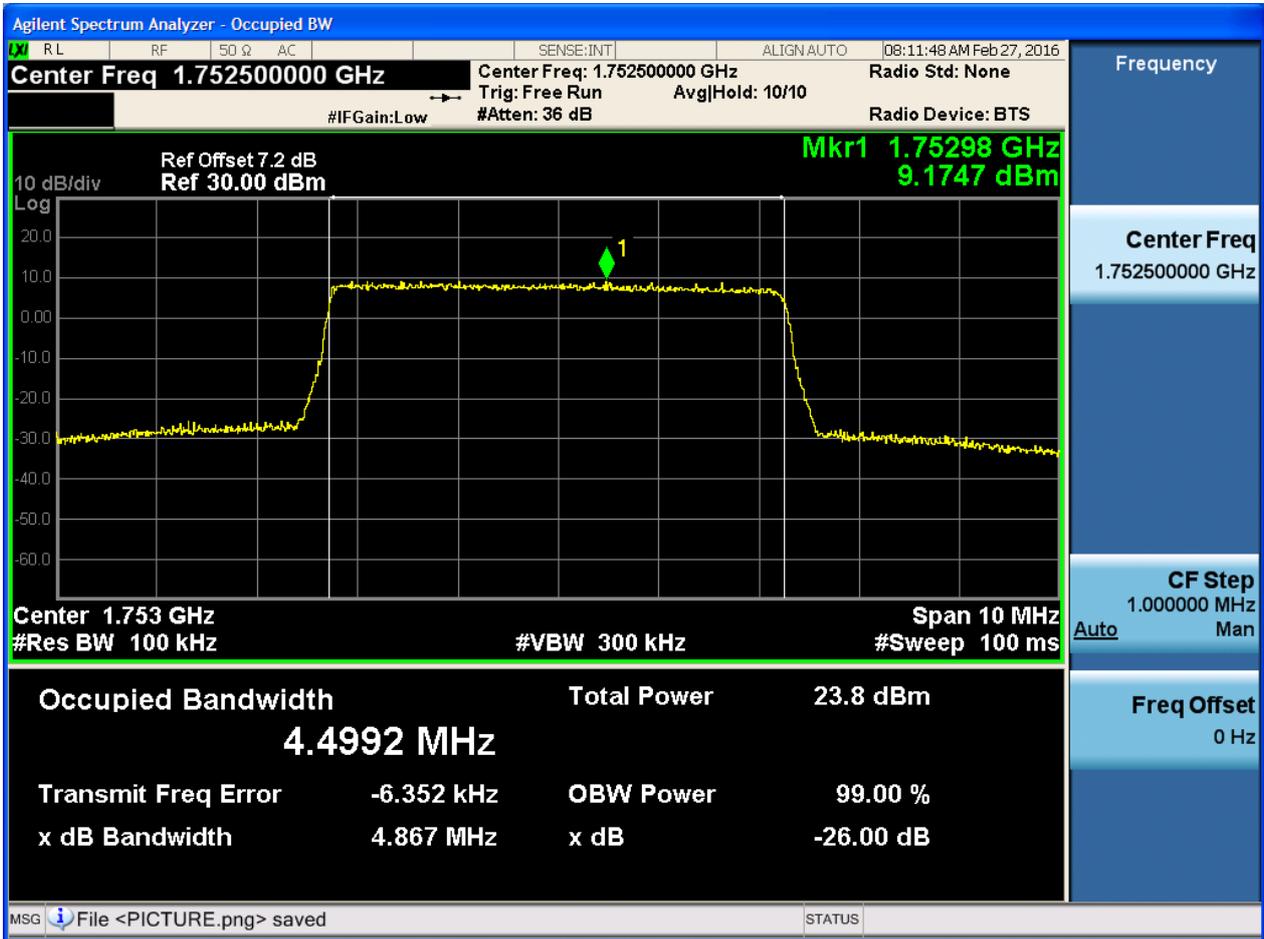
4.1.1.1.3.2.1 Test RB = RB25#0





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

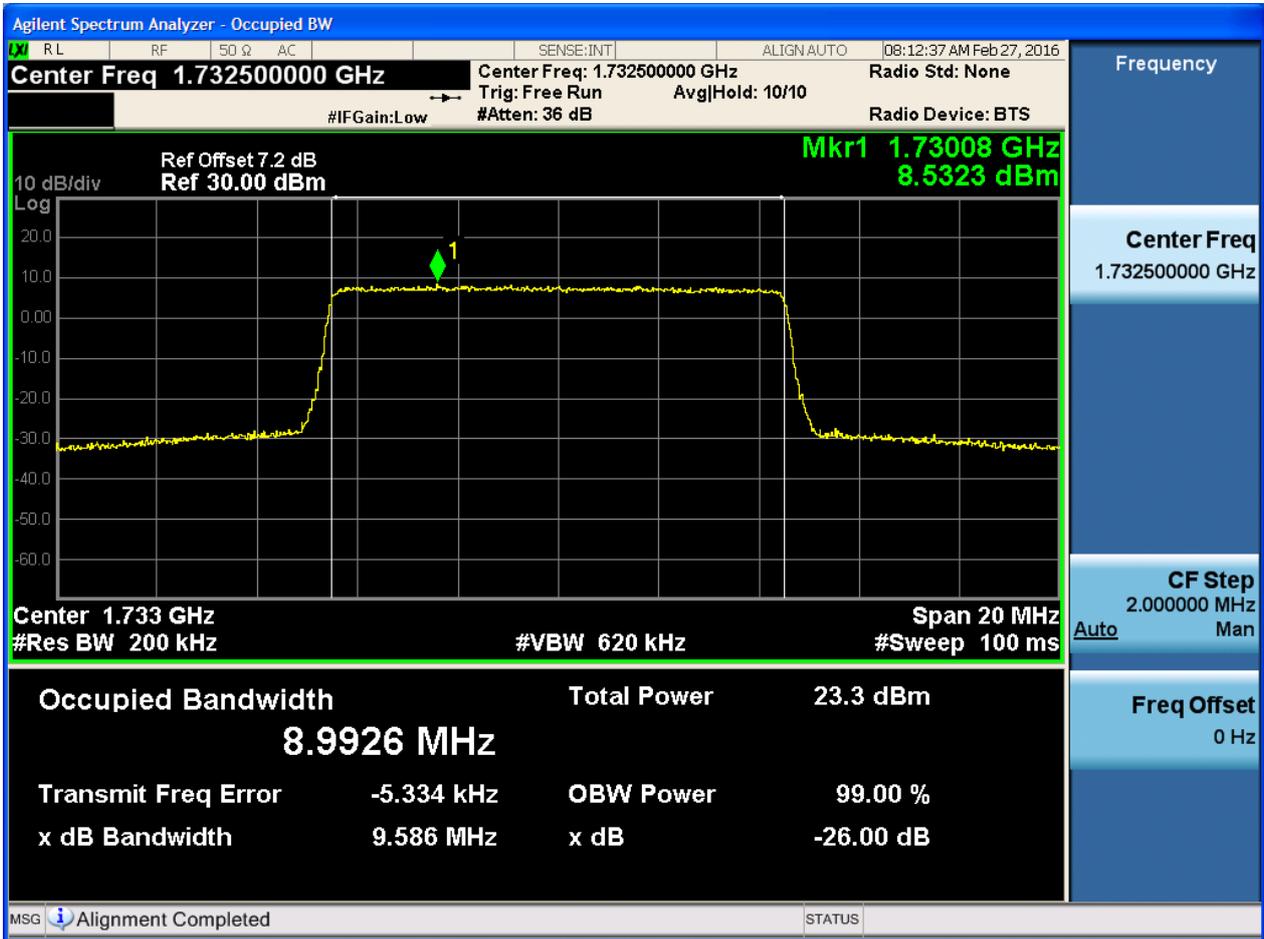
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

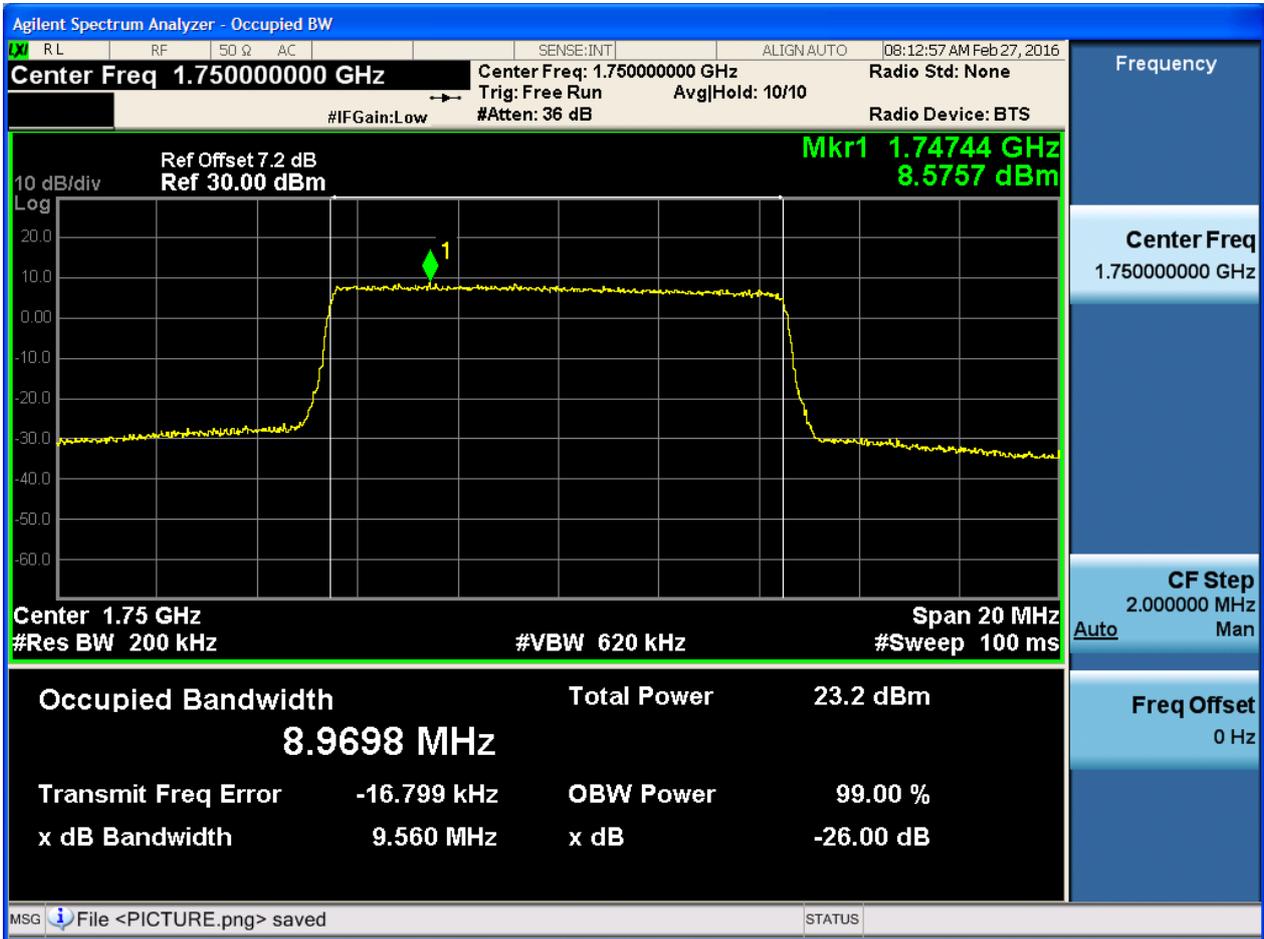
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

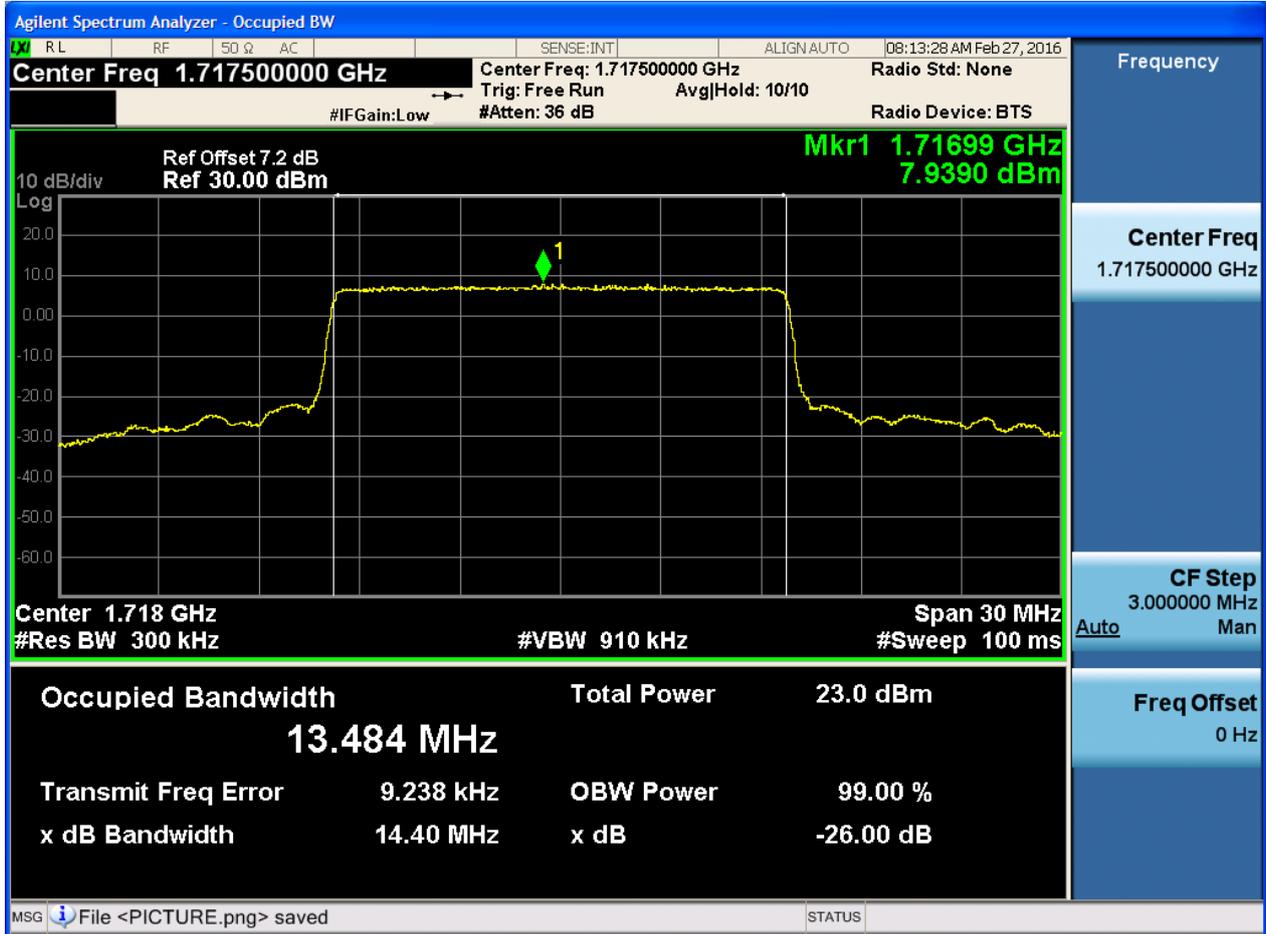




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

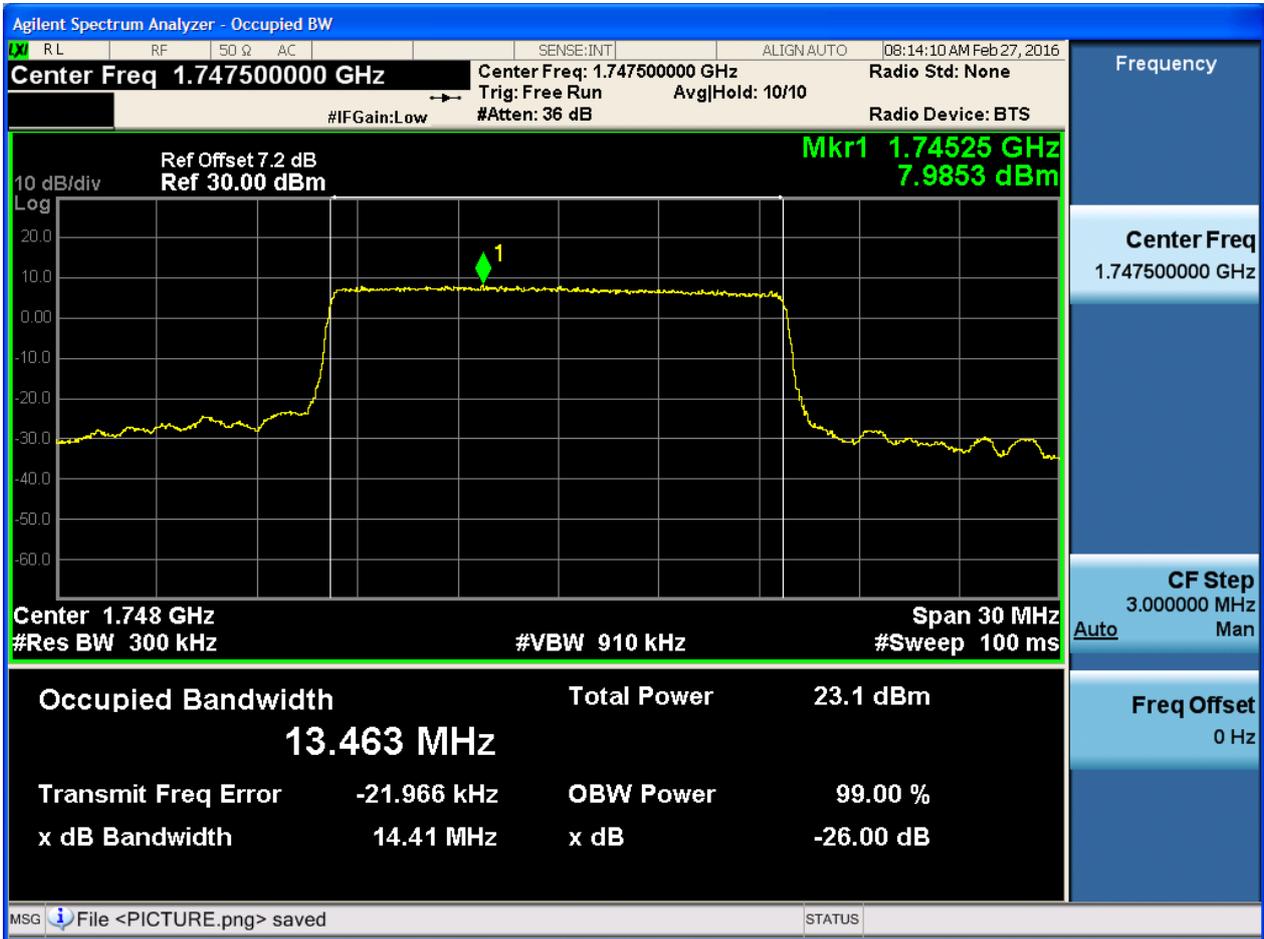
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0





4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

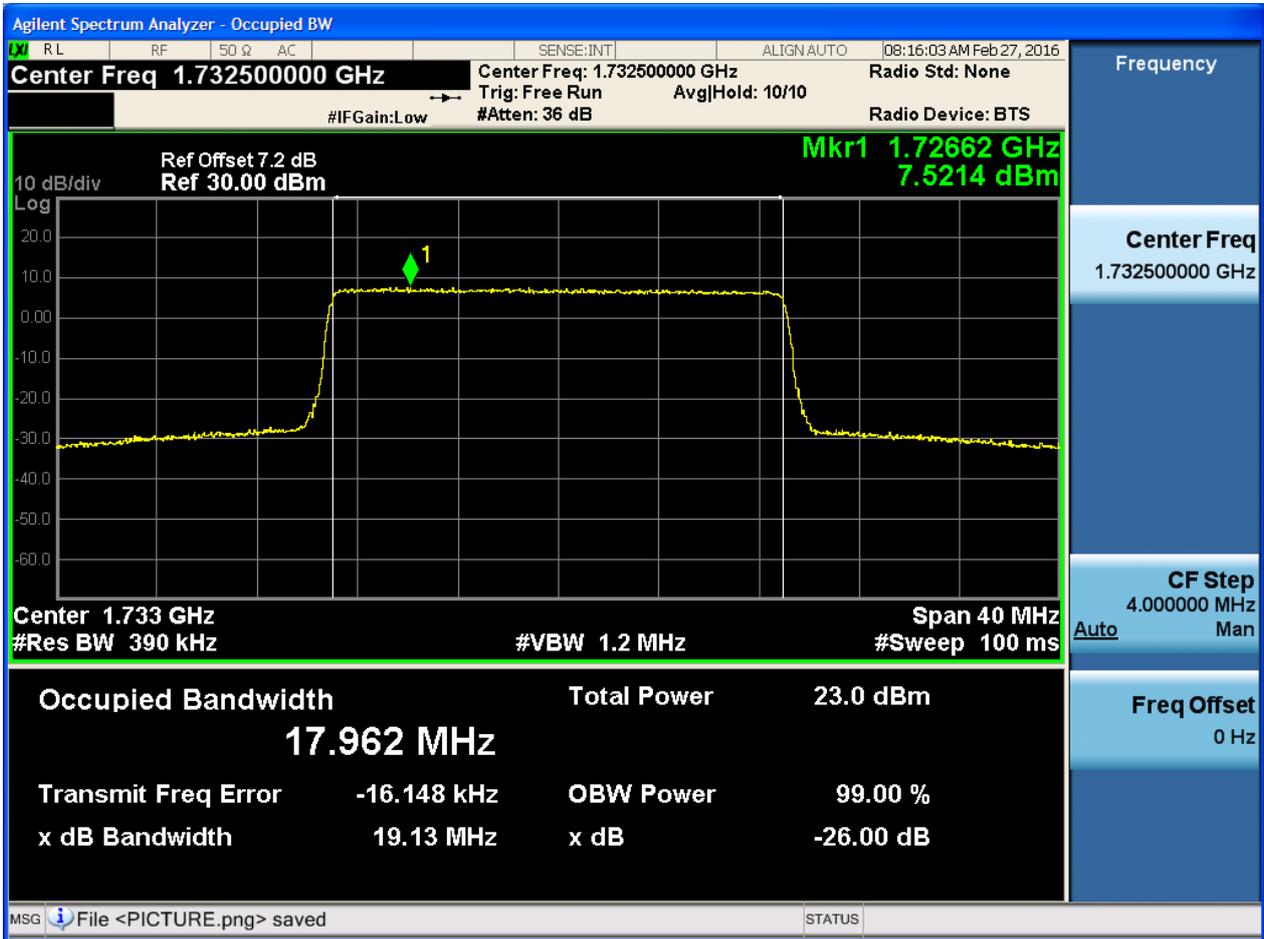
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

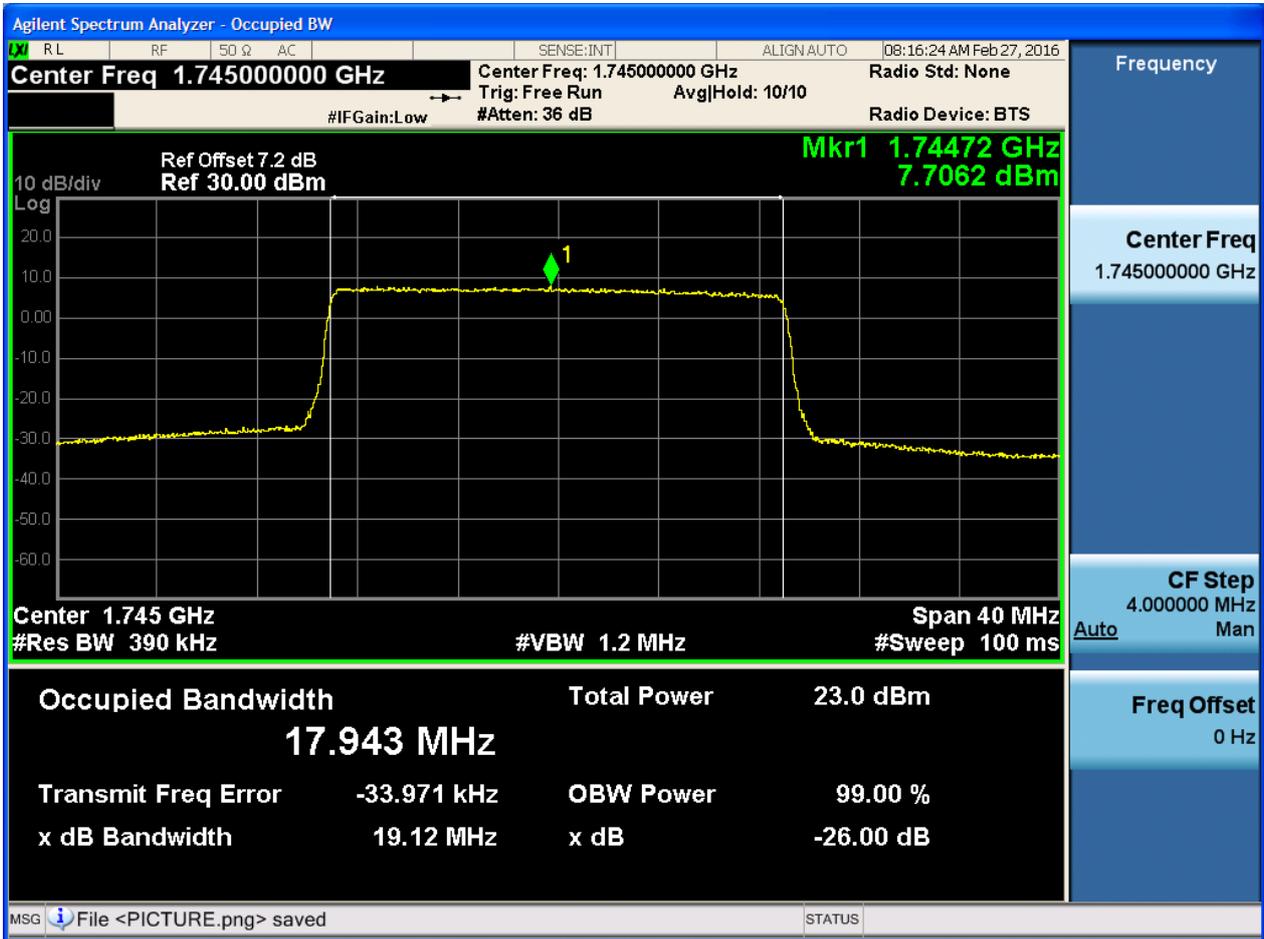
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



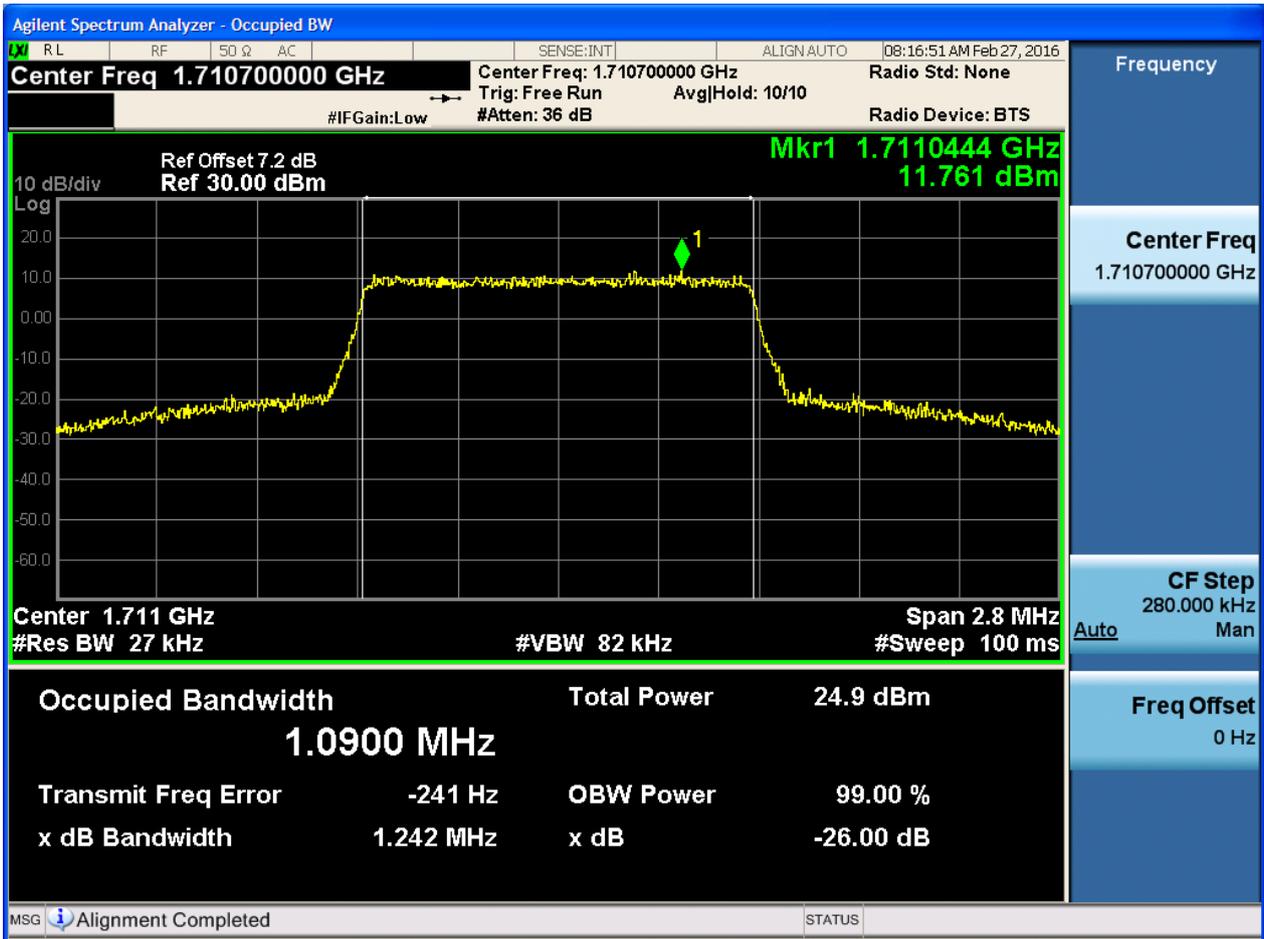


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

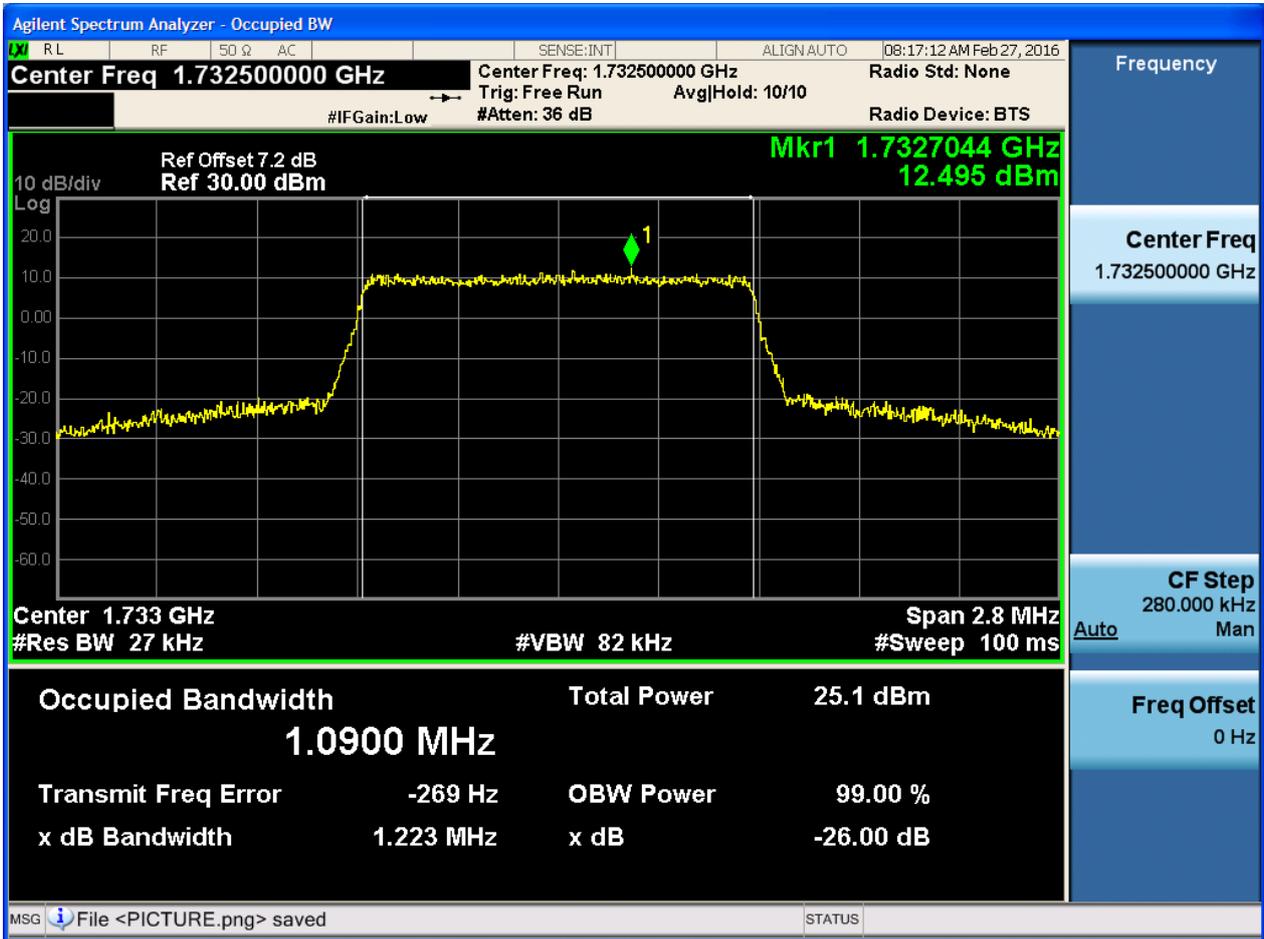
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

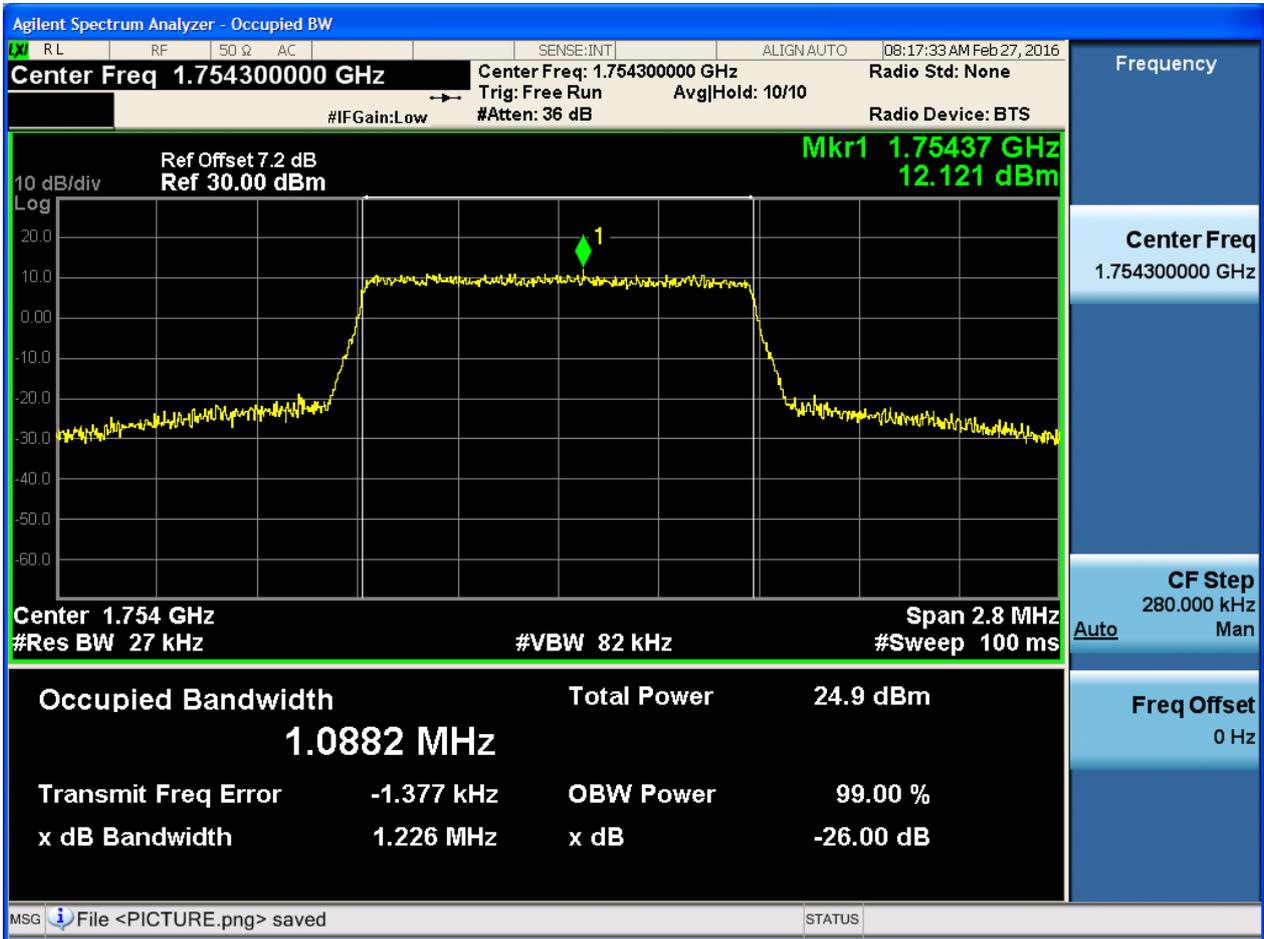
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

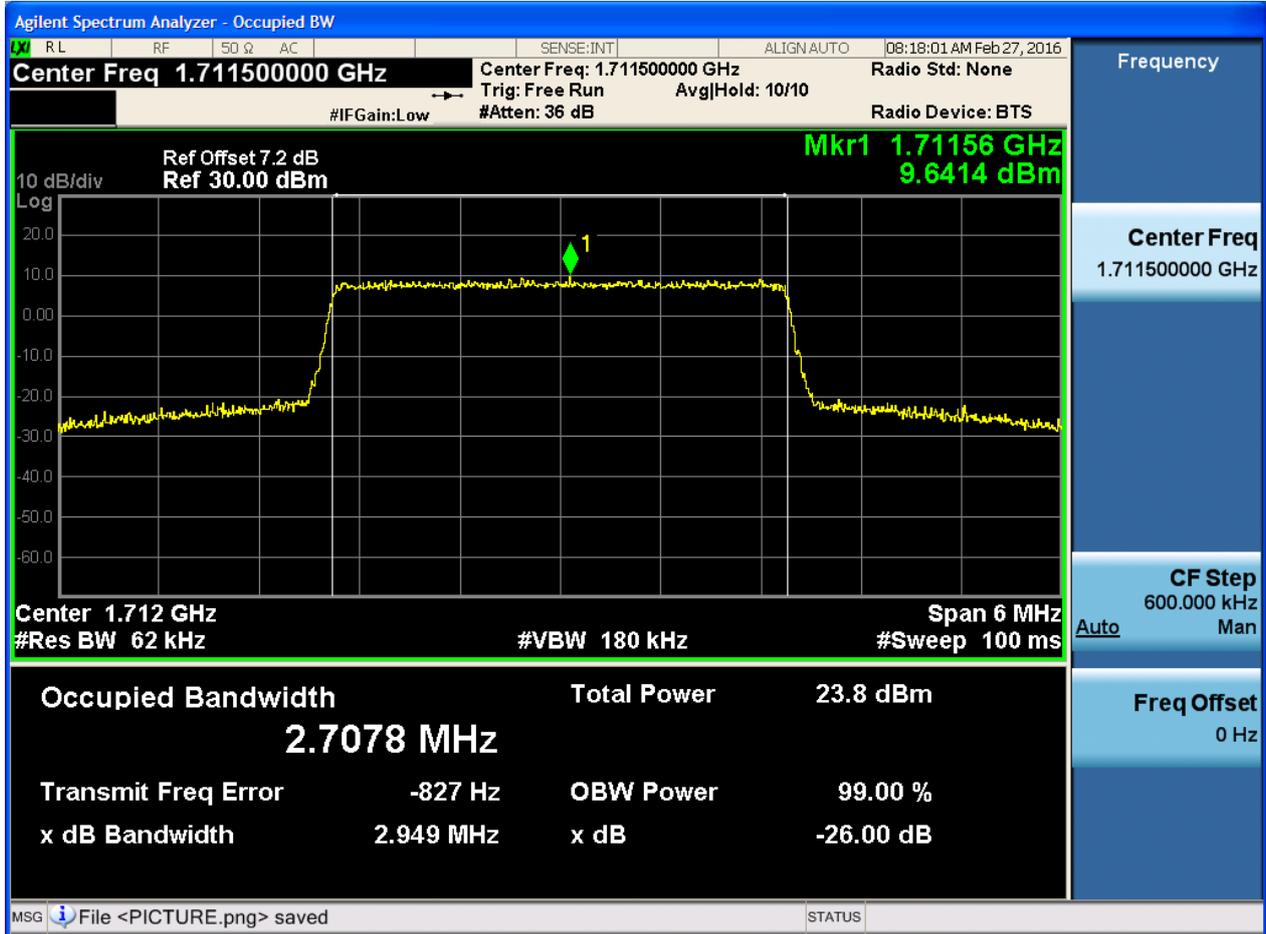




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

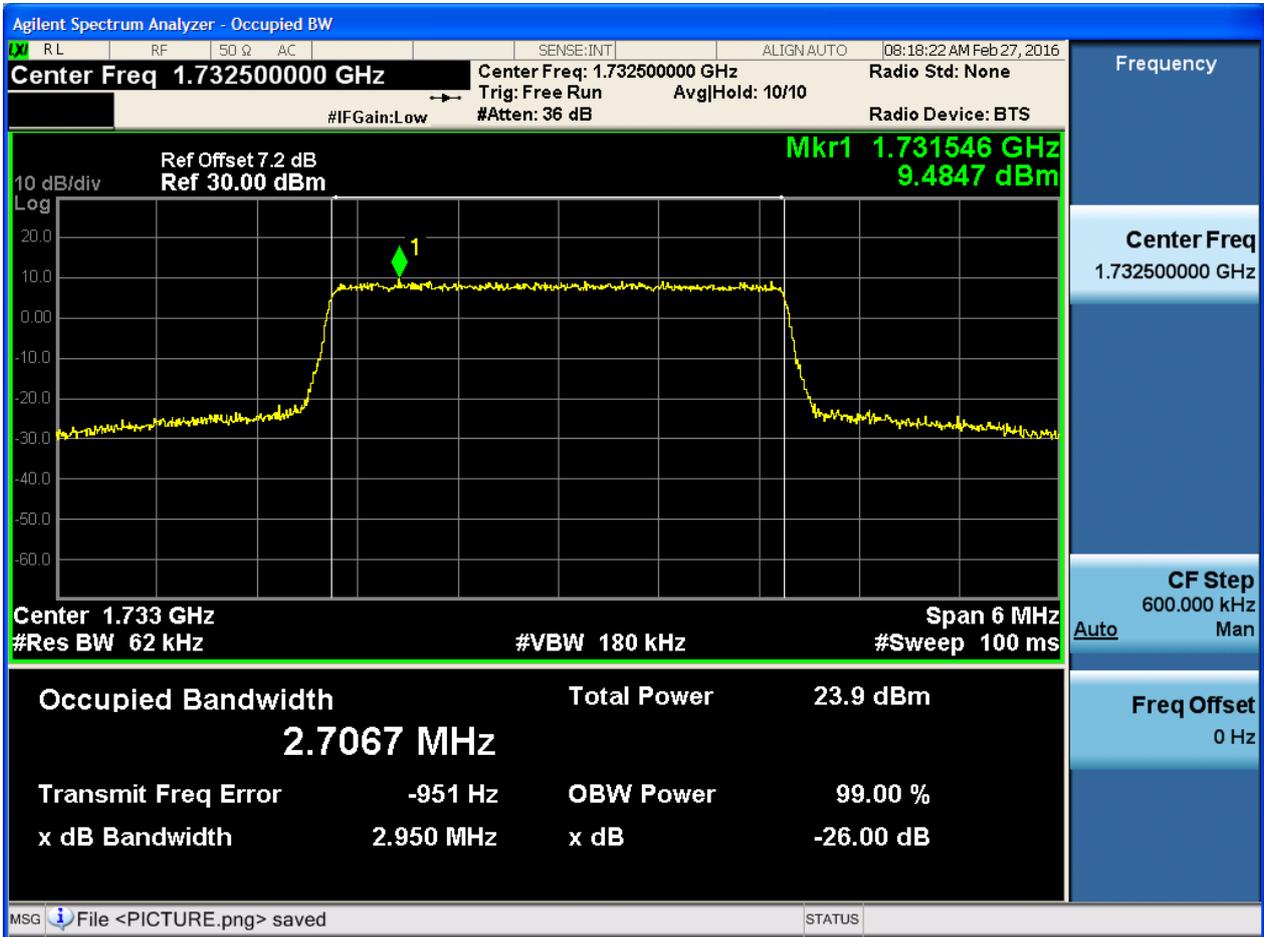
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

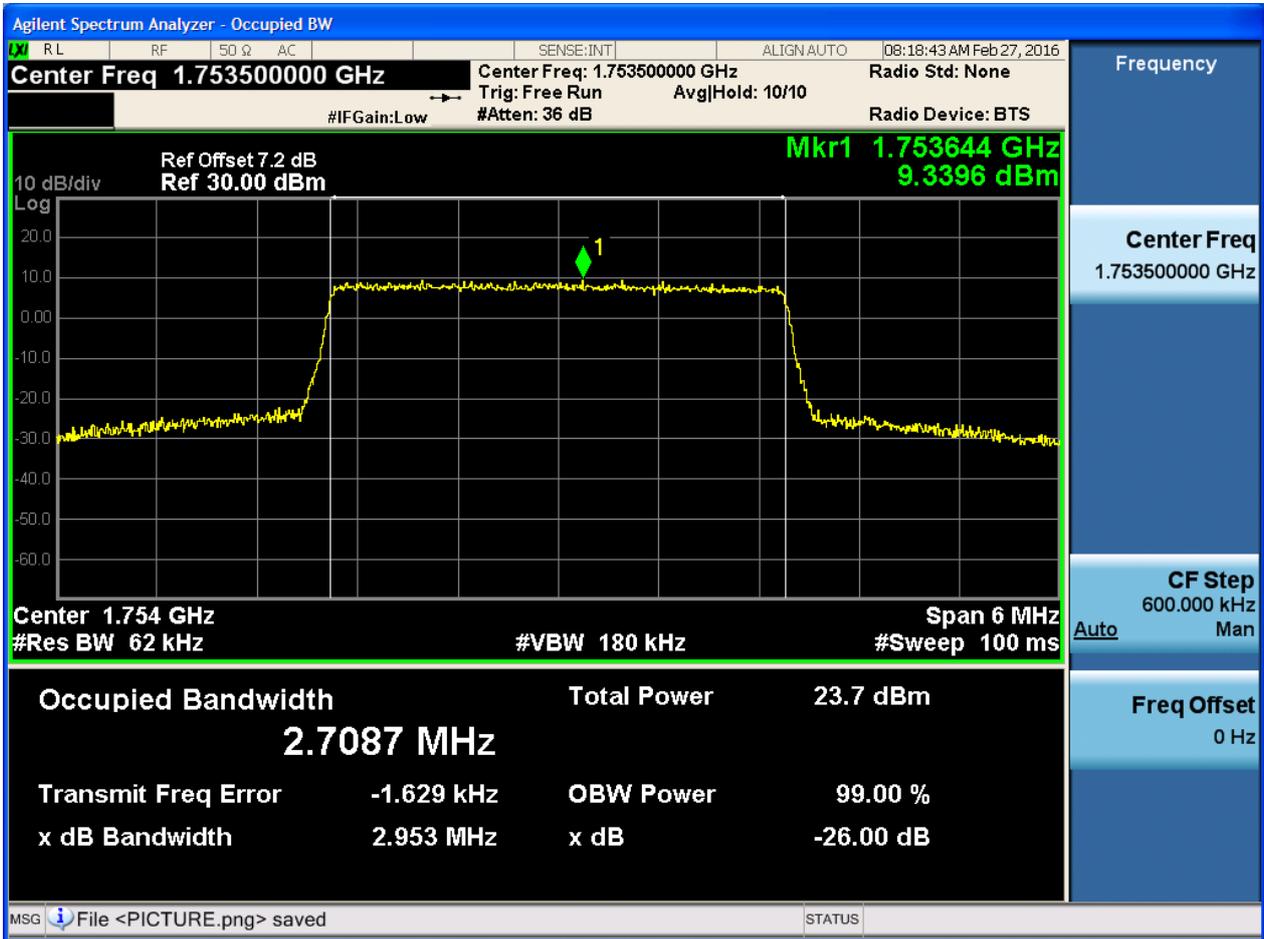
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

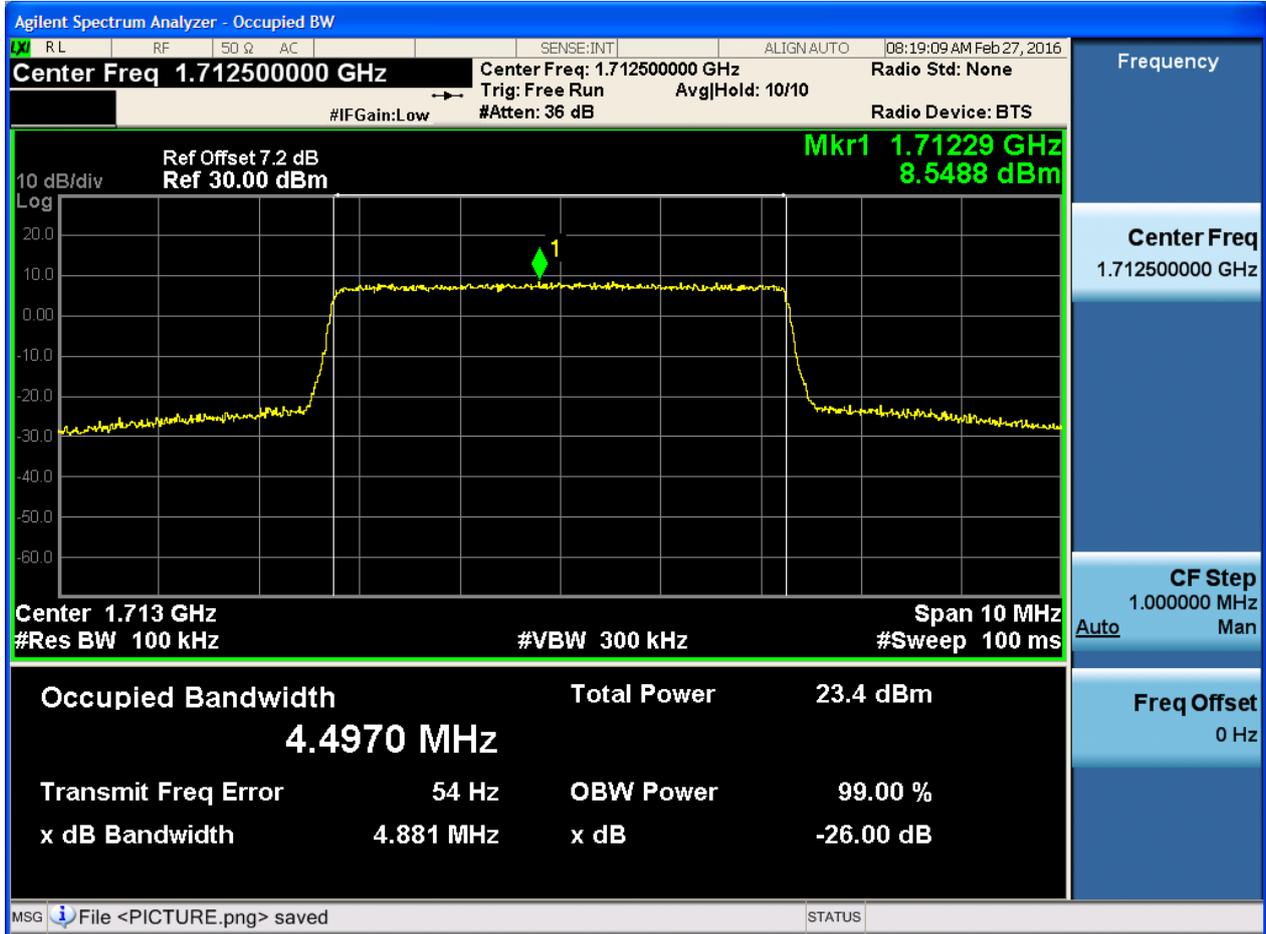




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

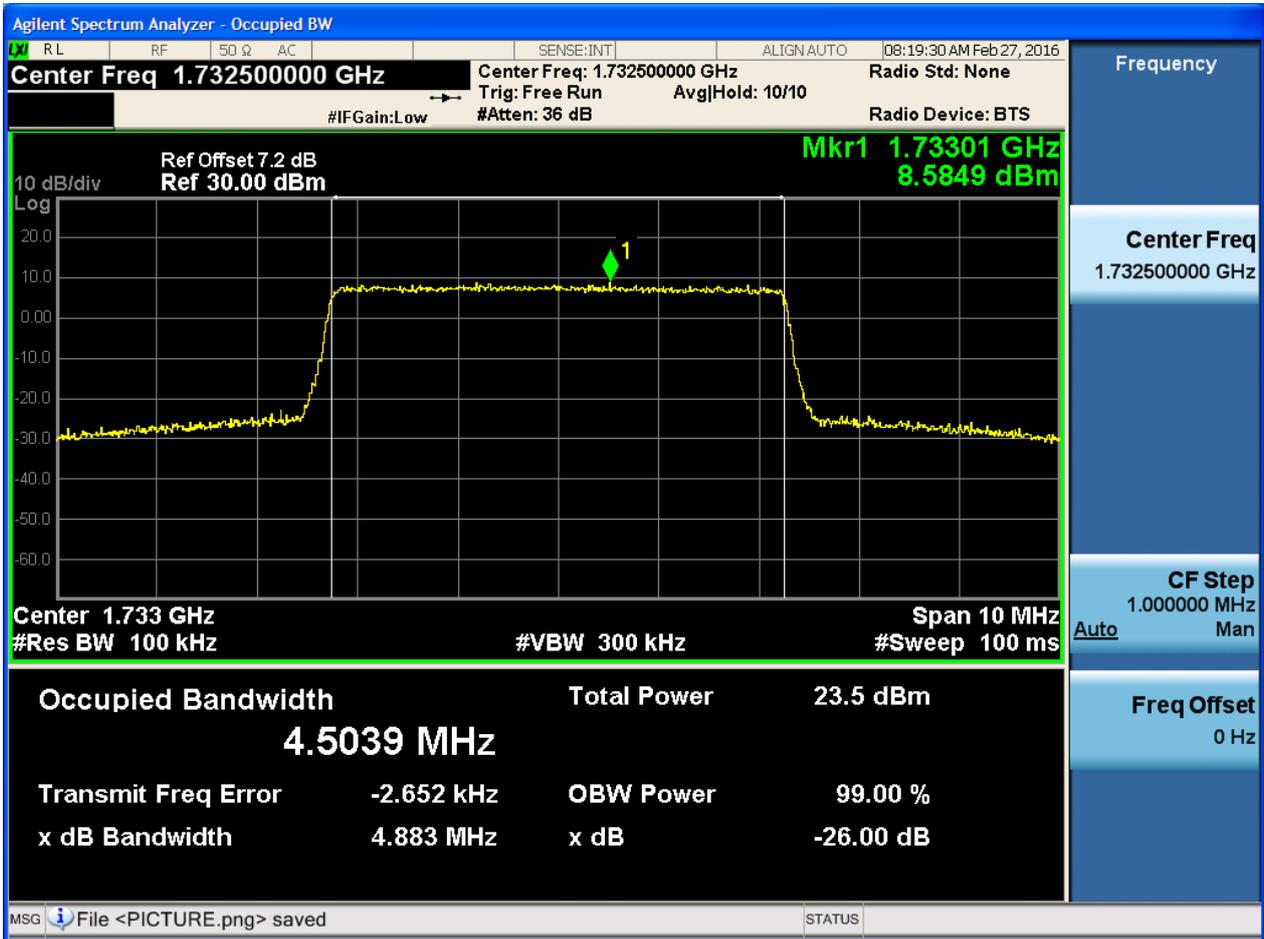
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

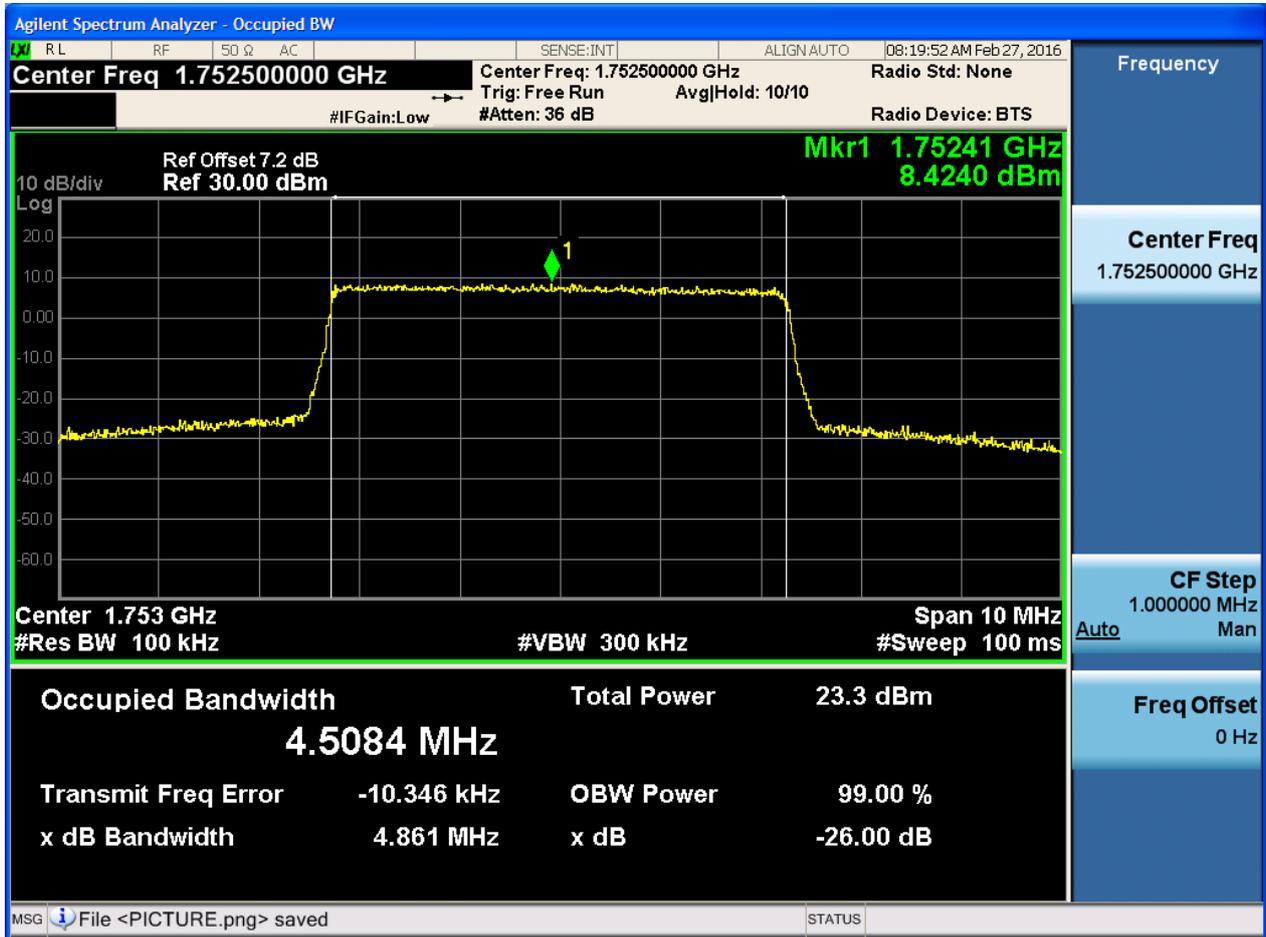
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

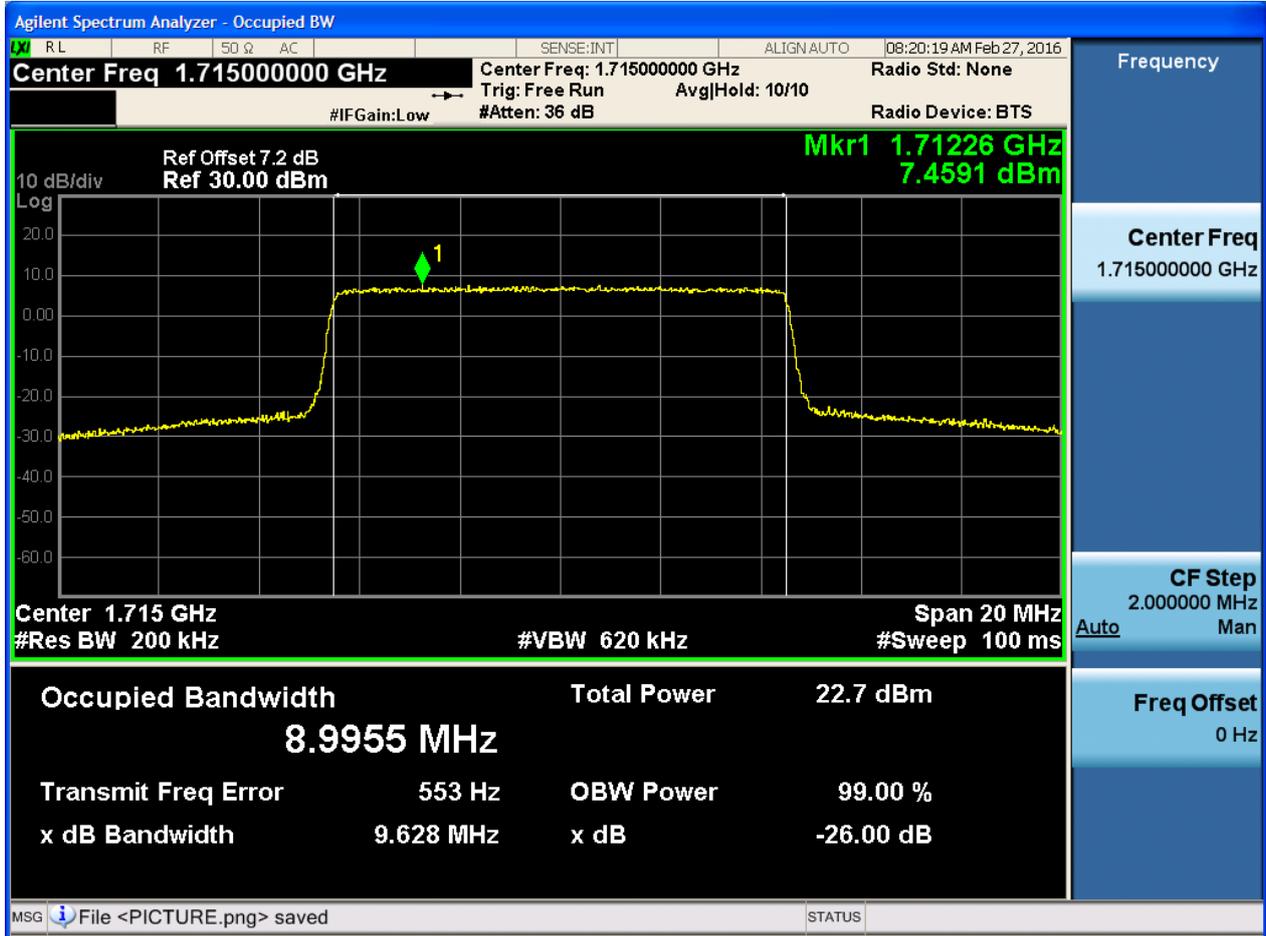




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

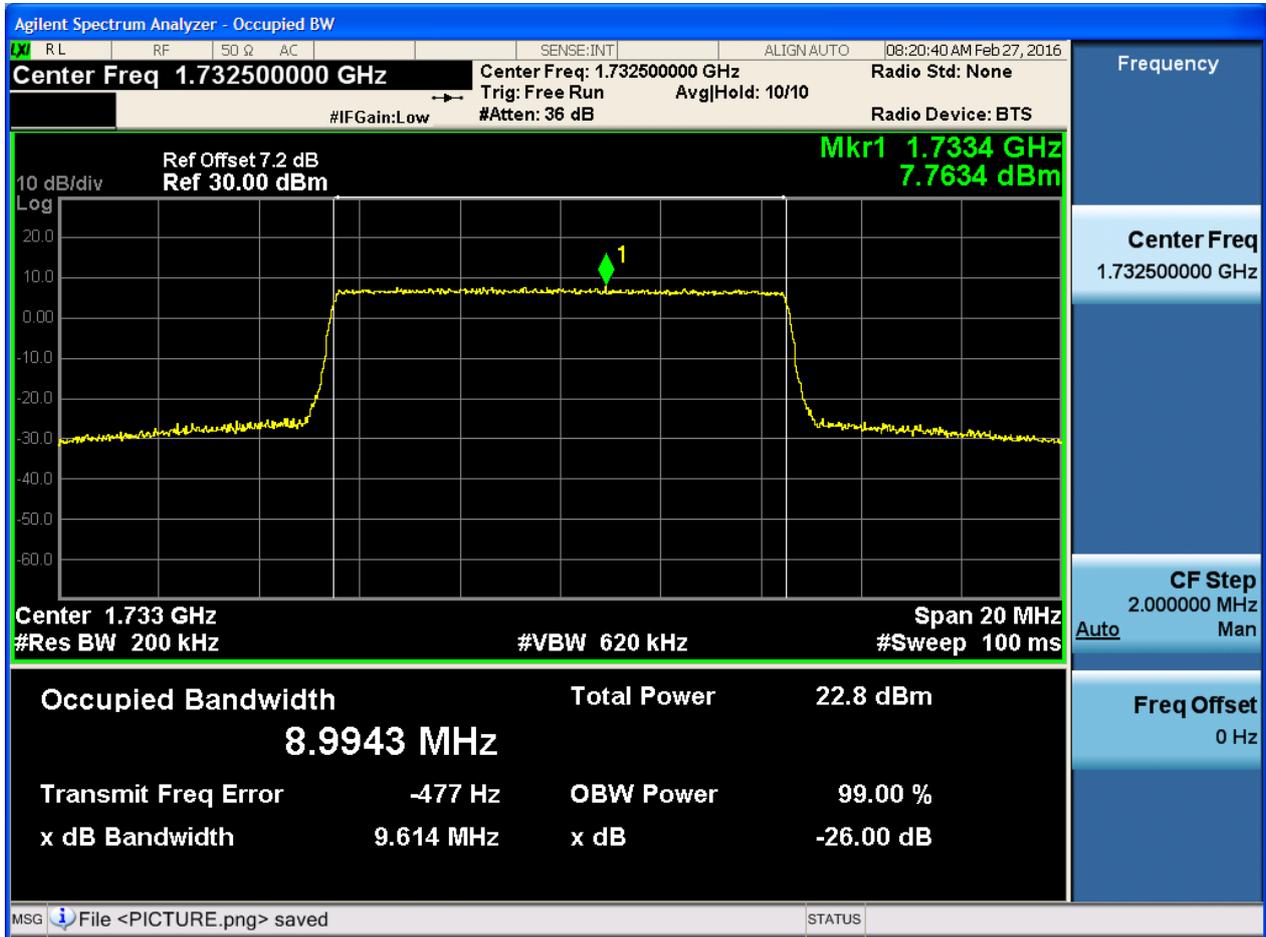
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

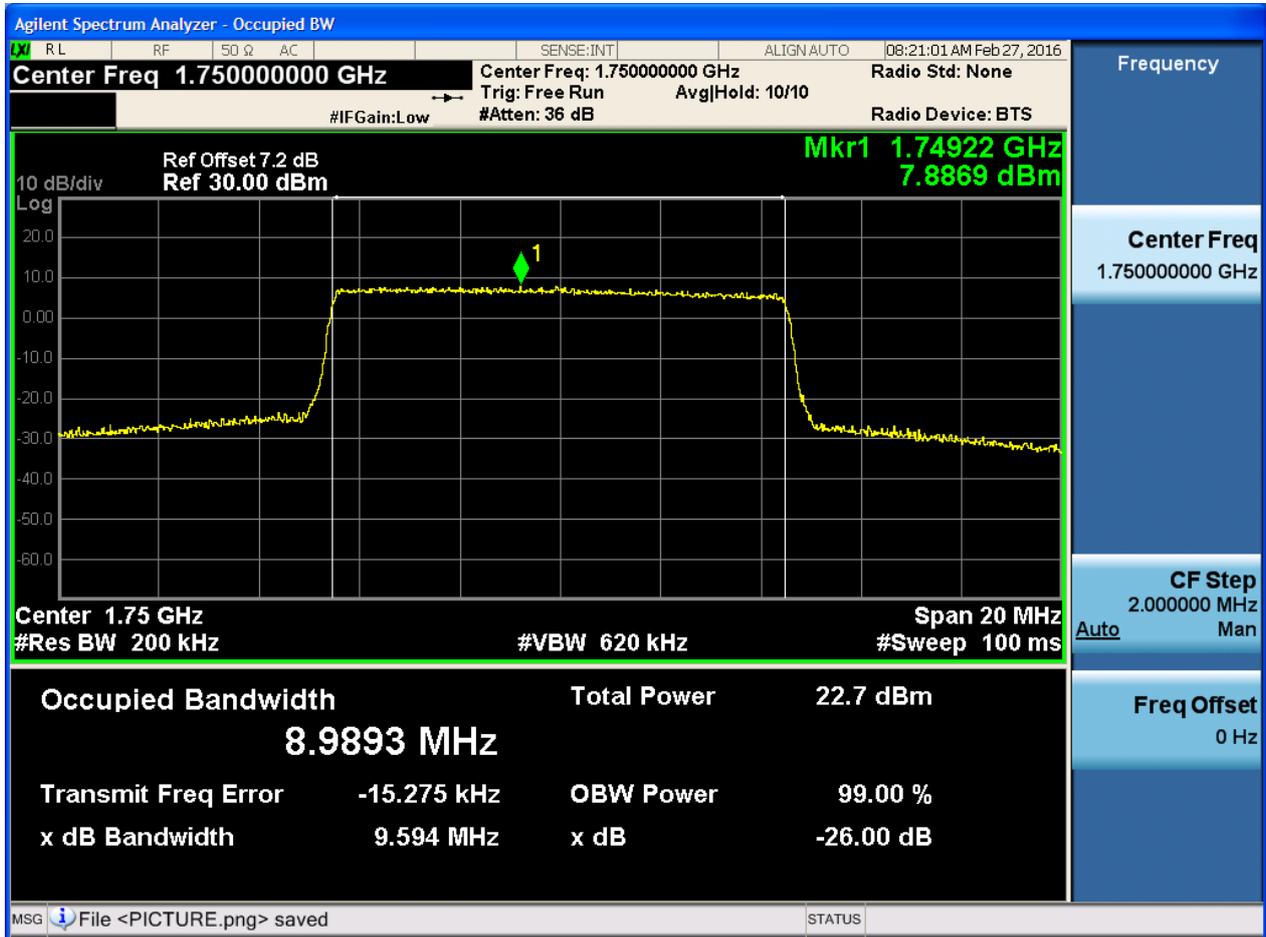
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

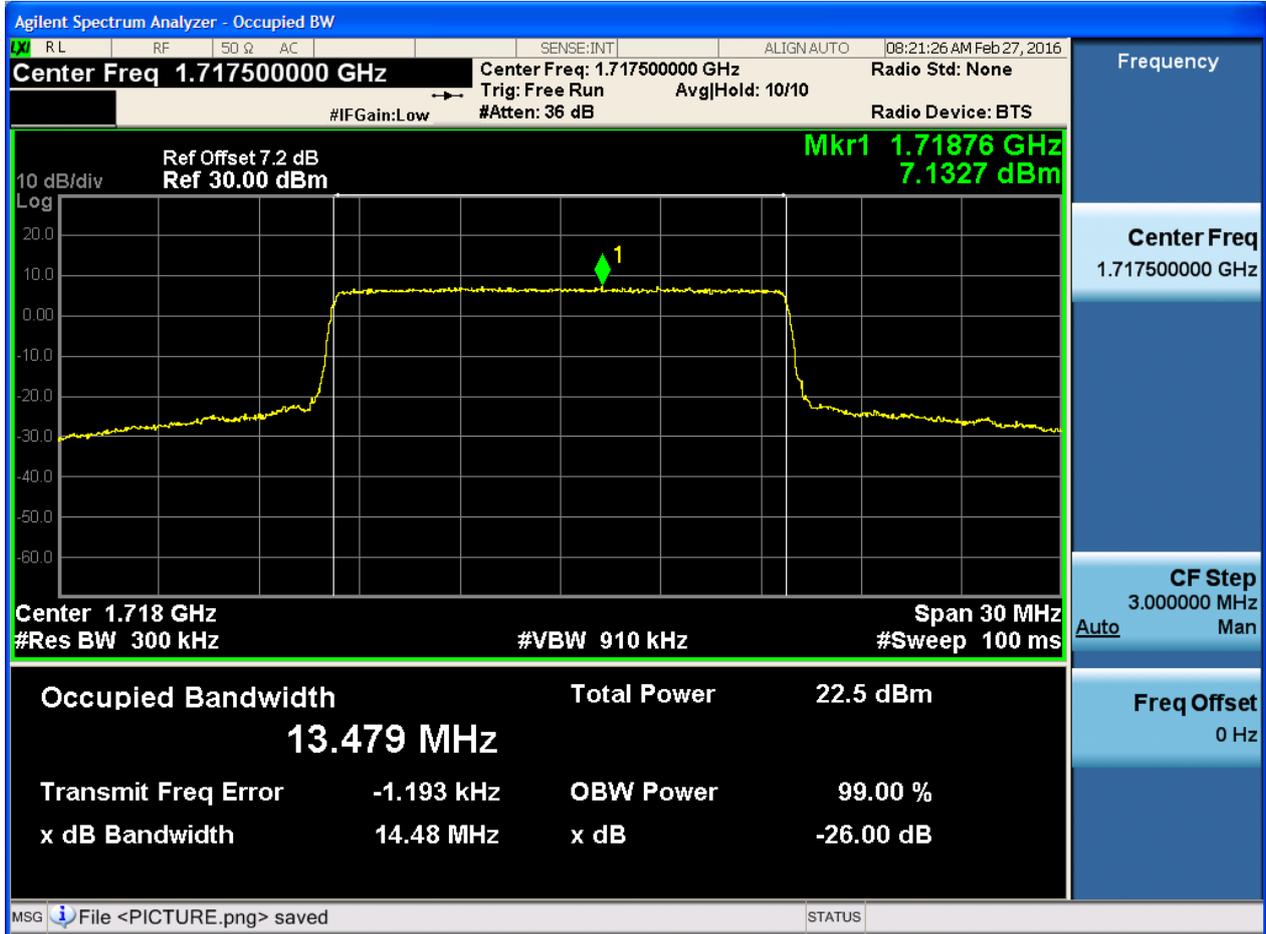




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

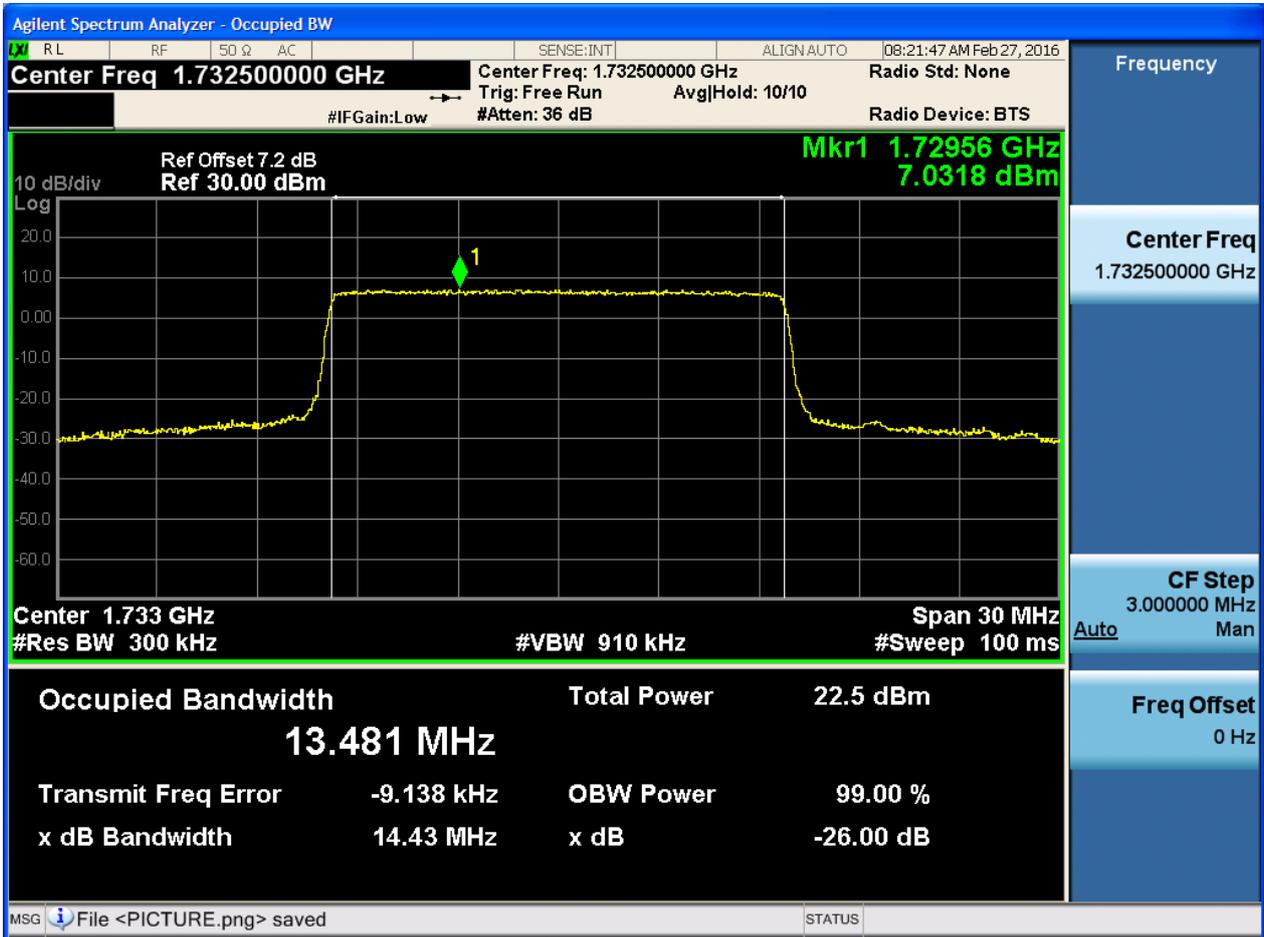
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

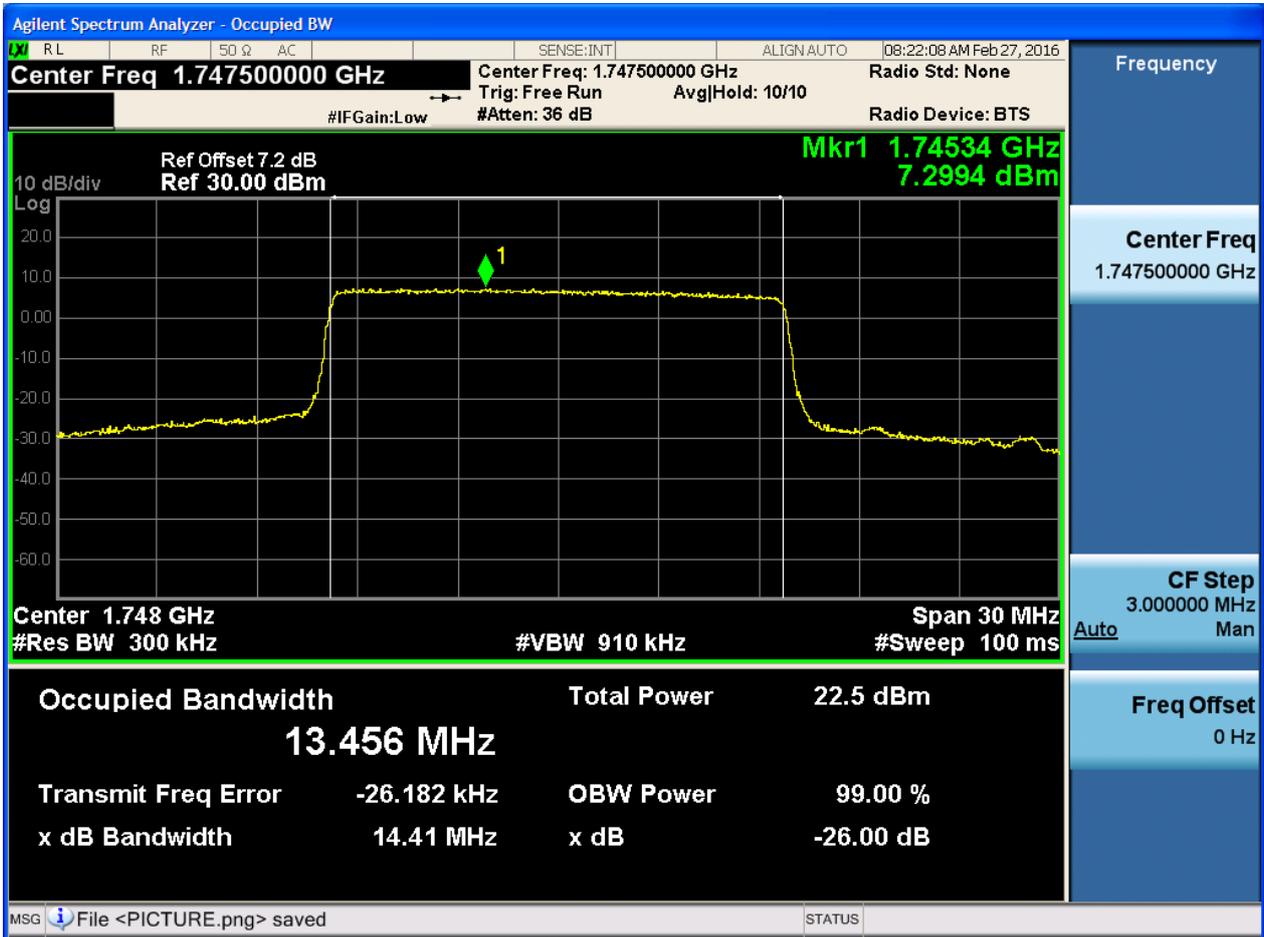
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

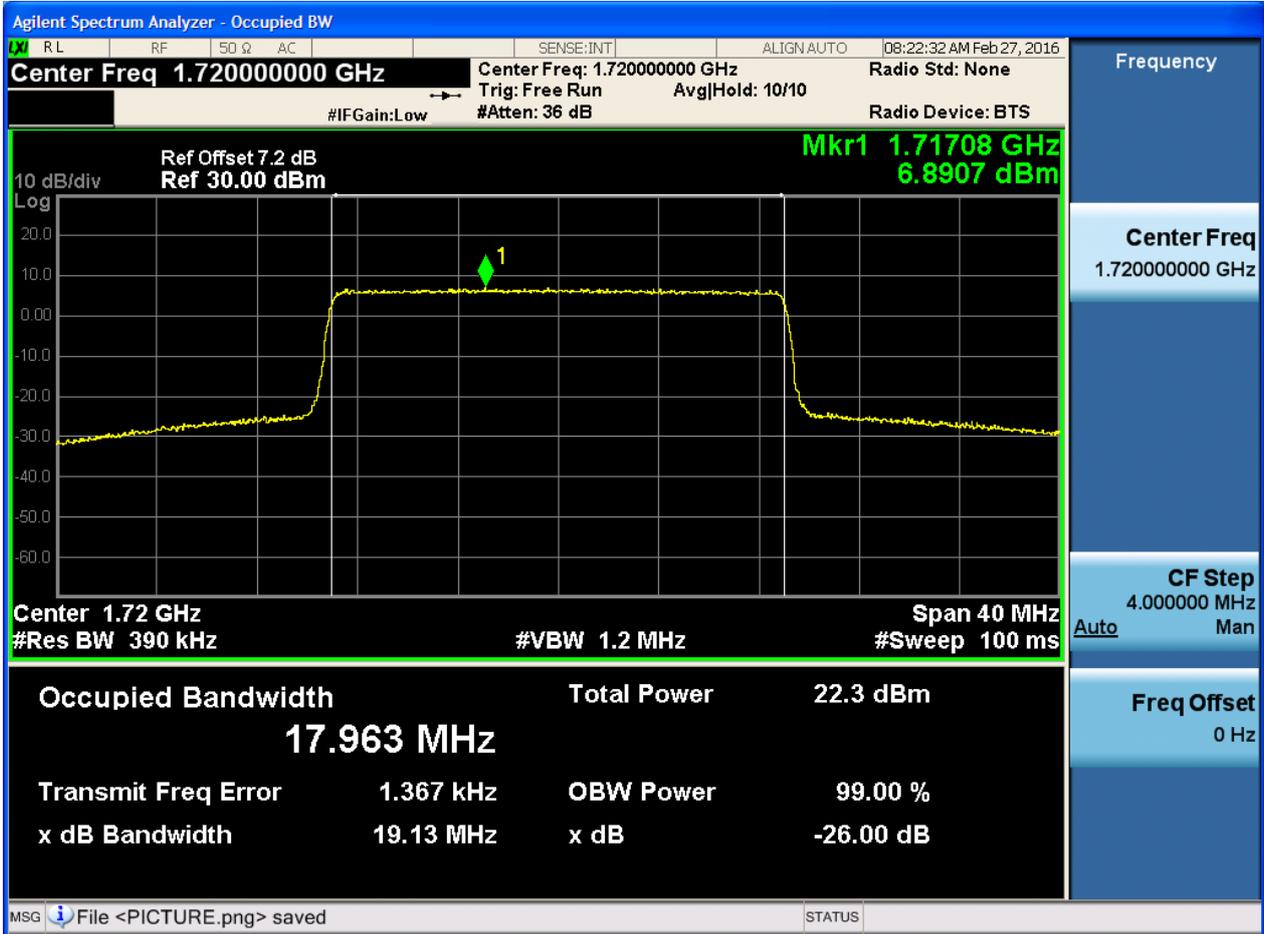




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

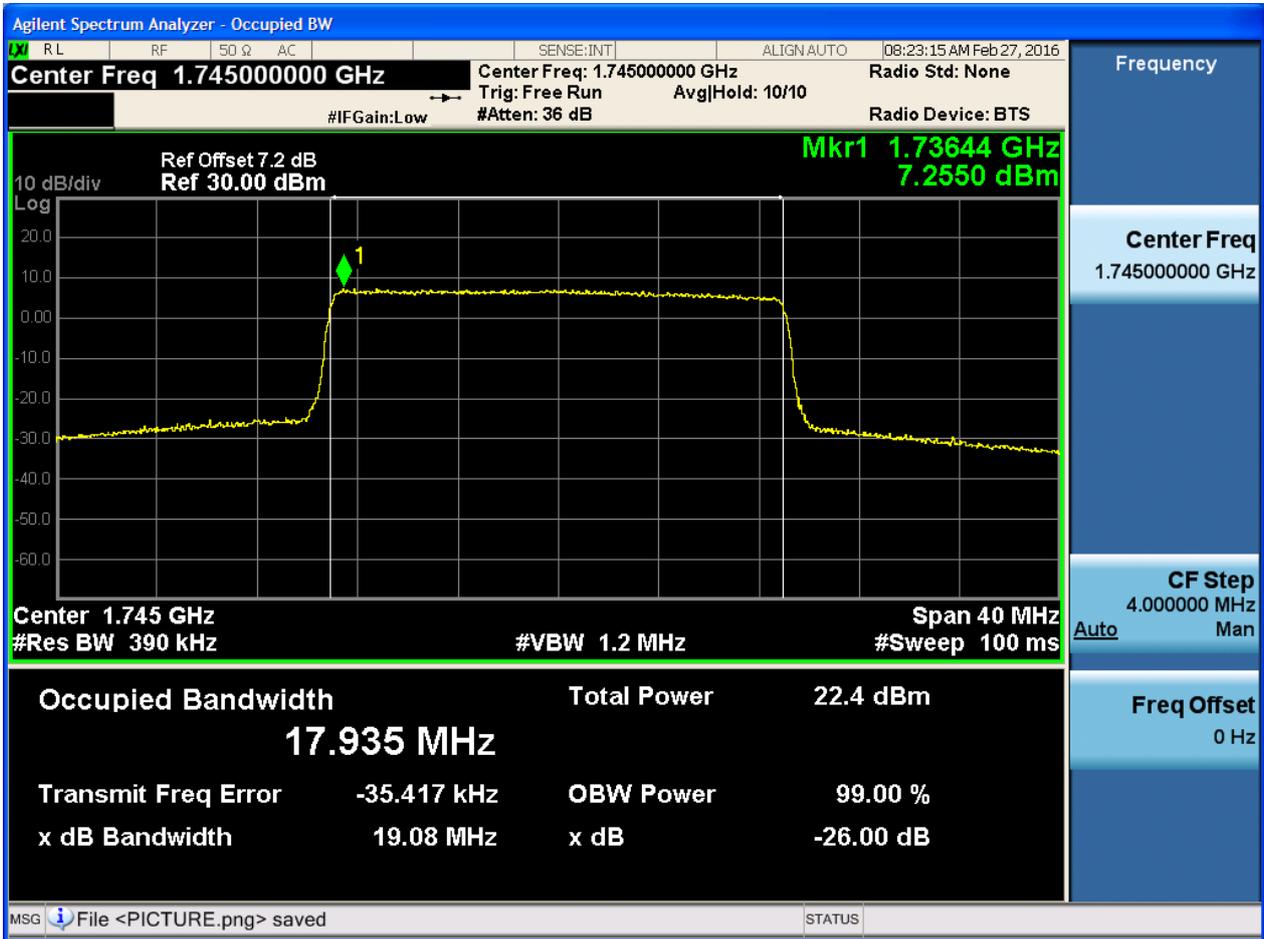
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0





5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

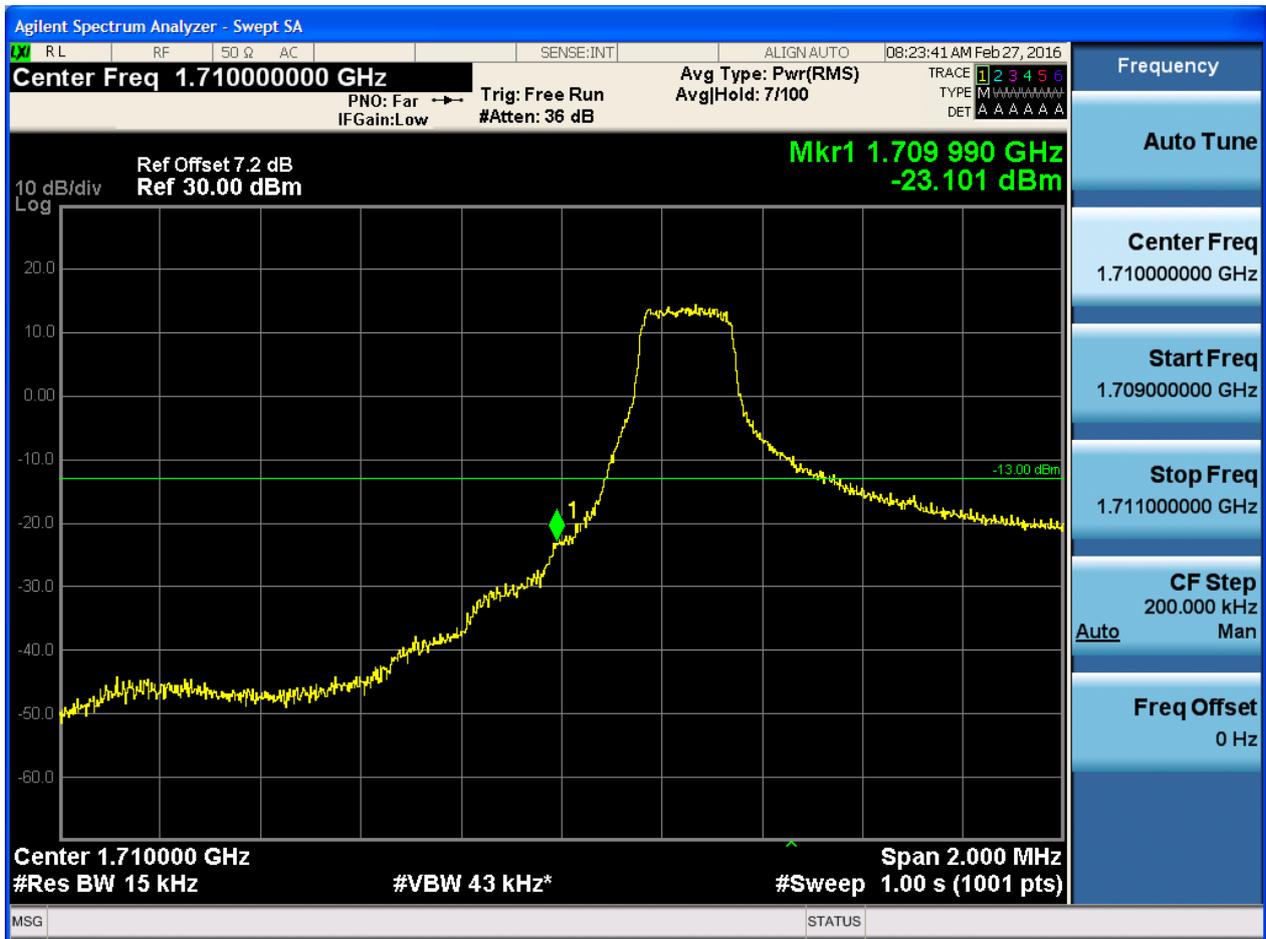
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

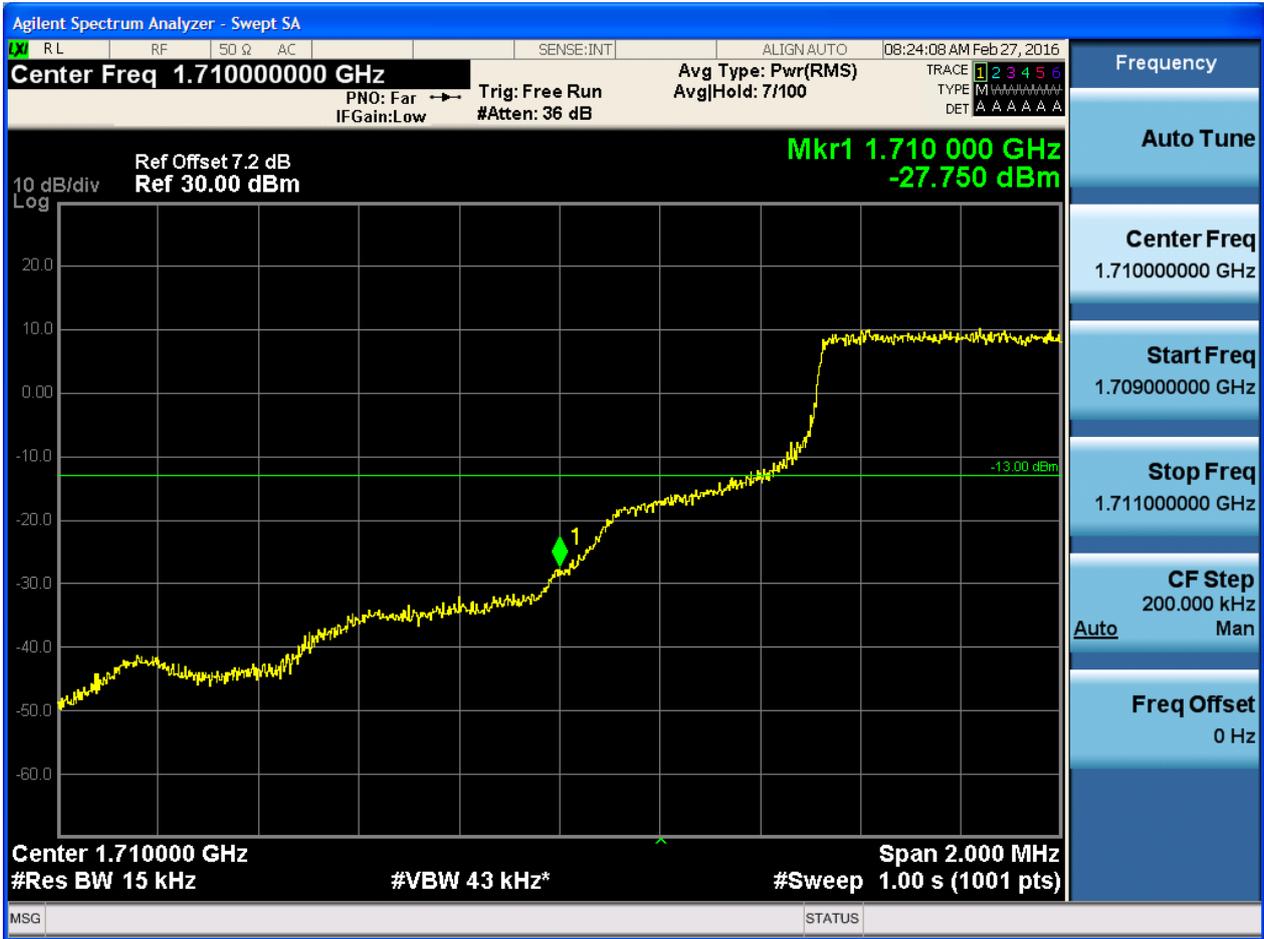
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



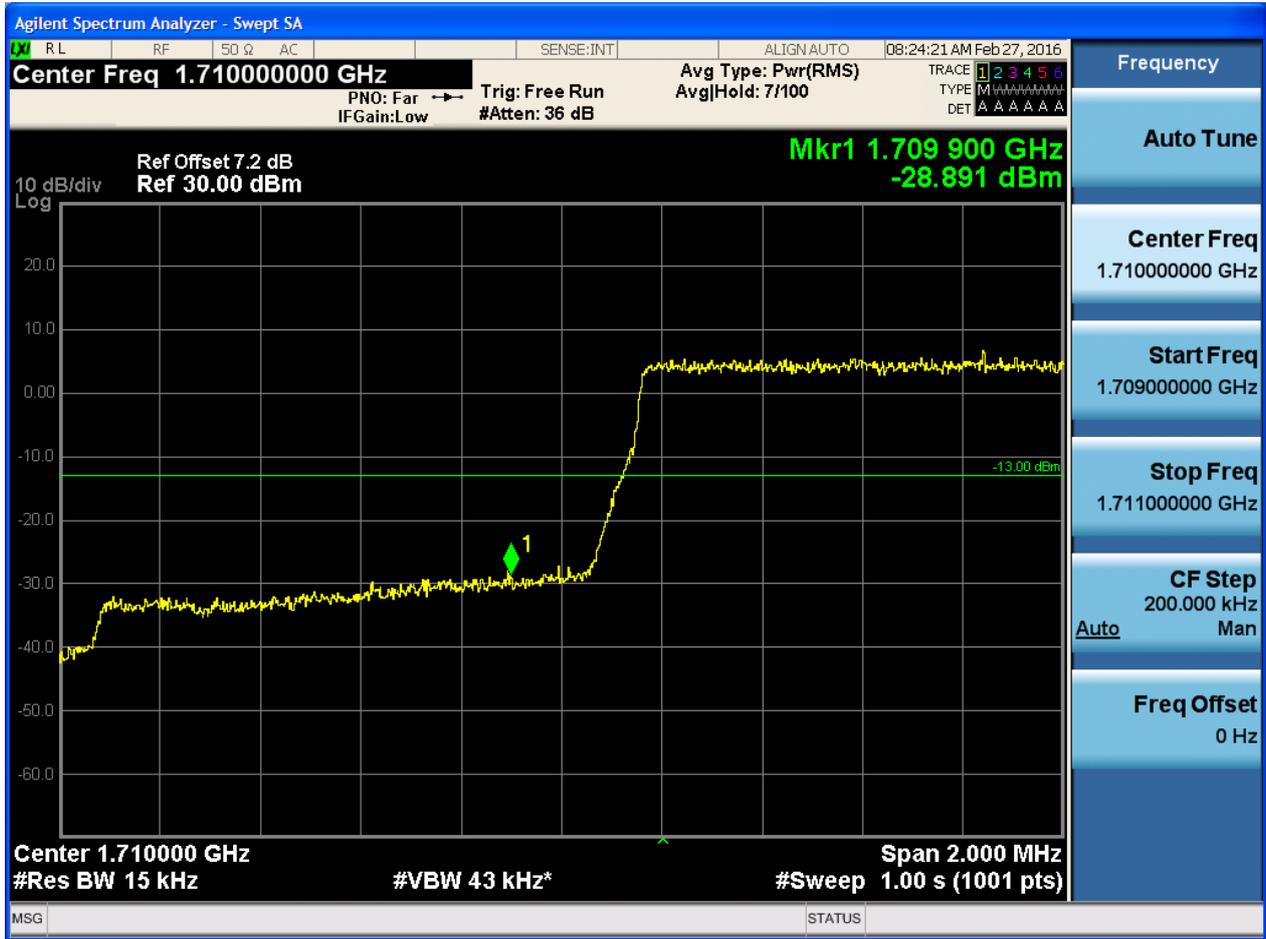


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





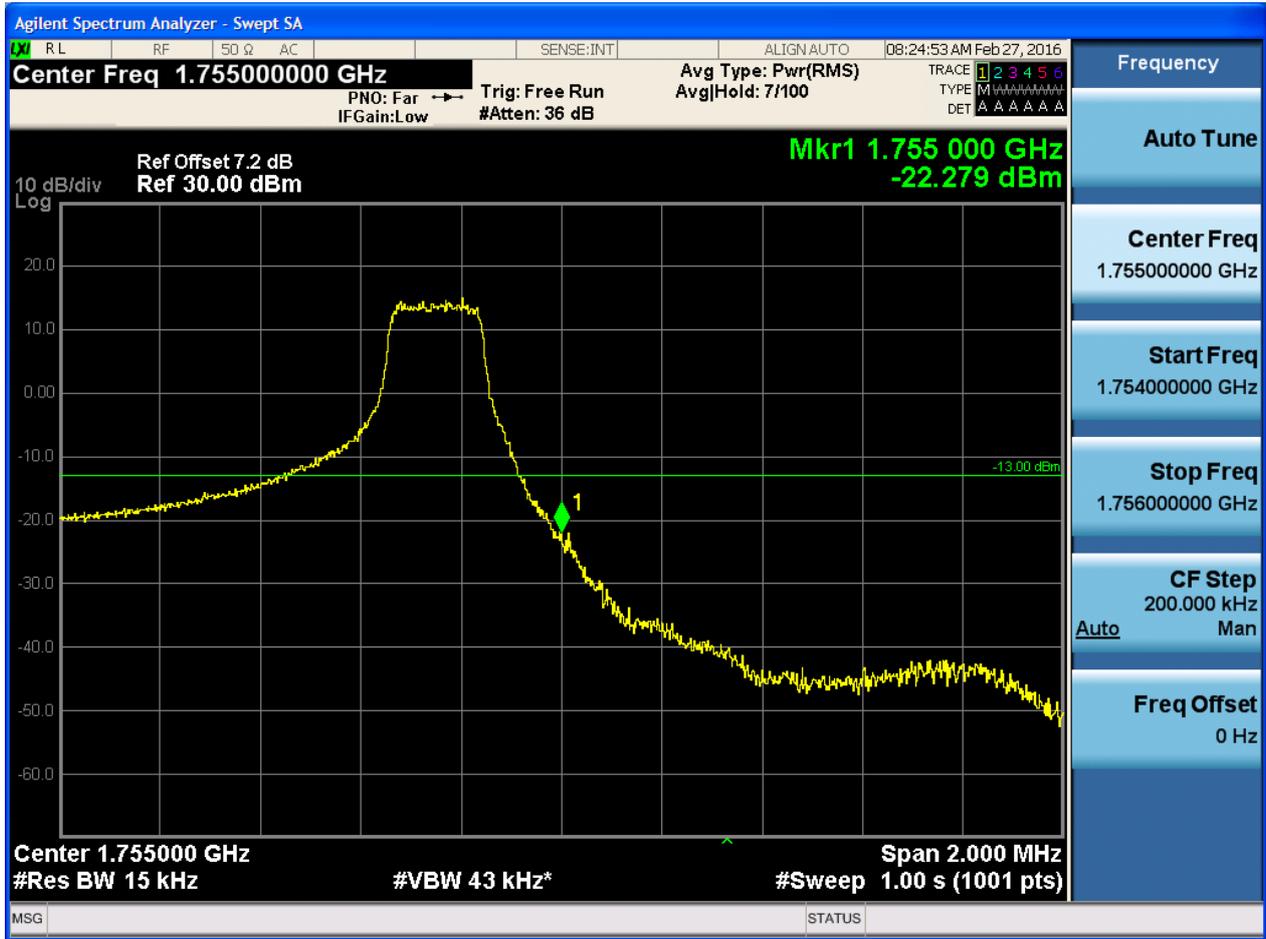
5.1.1.1.1.2 Test Channel = HCH

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

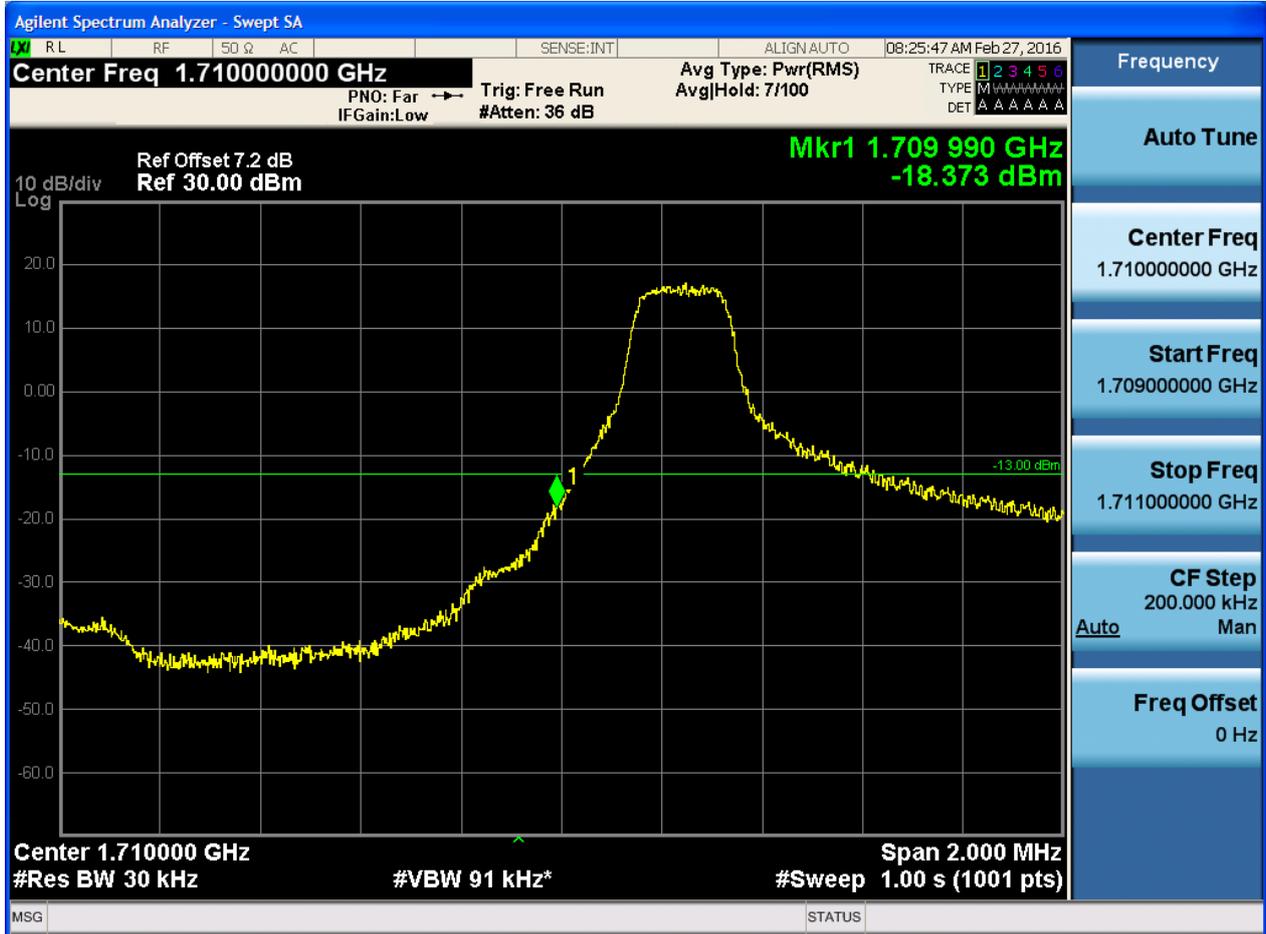




5.1.1.1.2 Test Bandwidth = 3

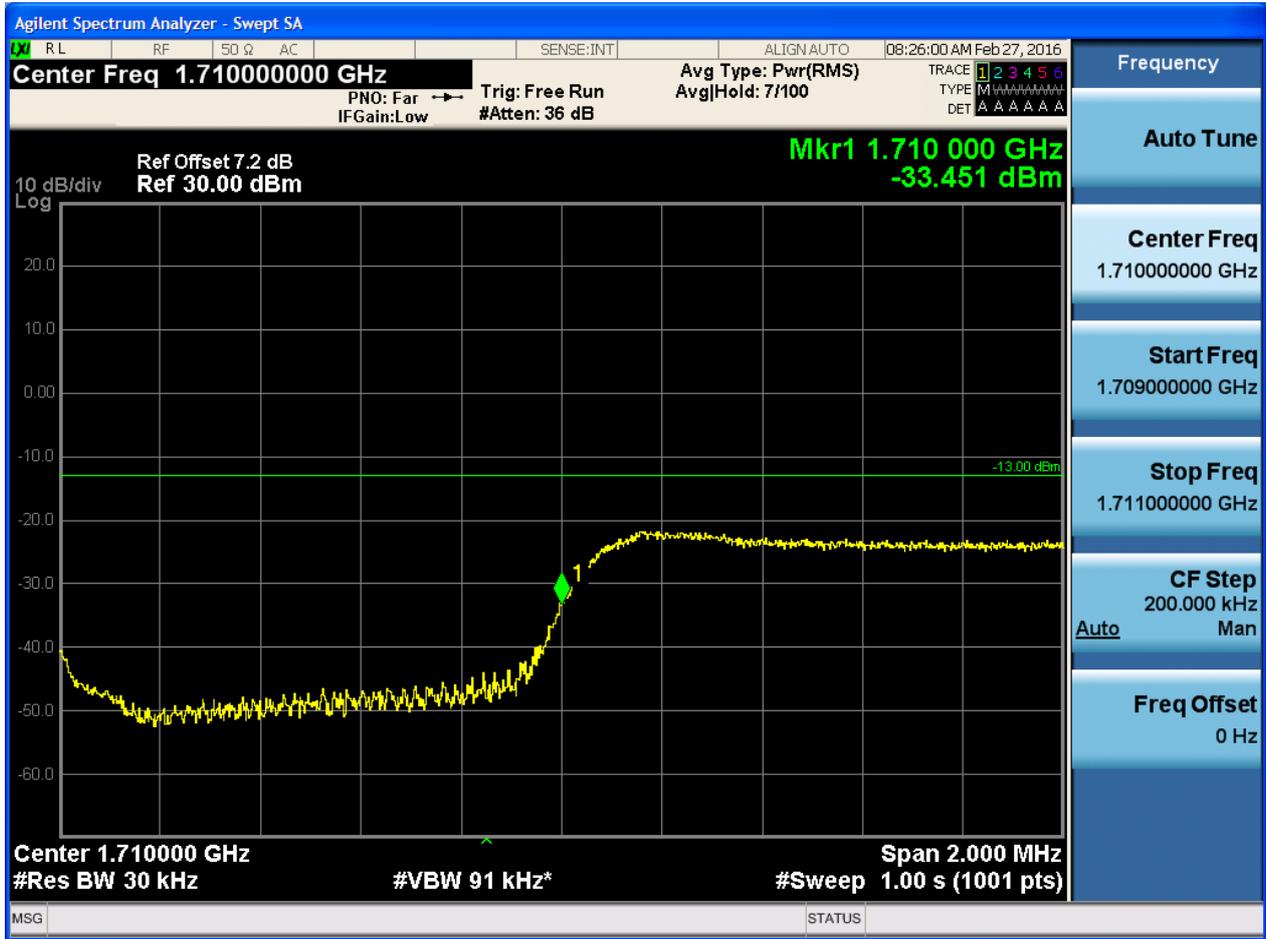
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



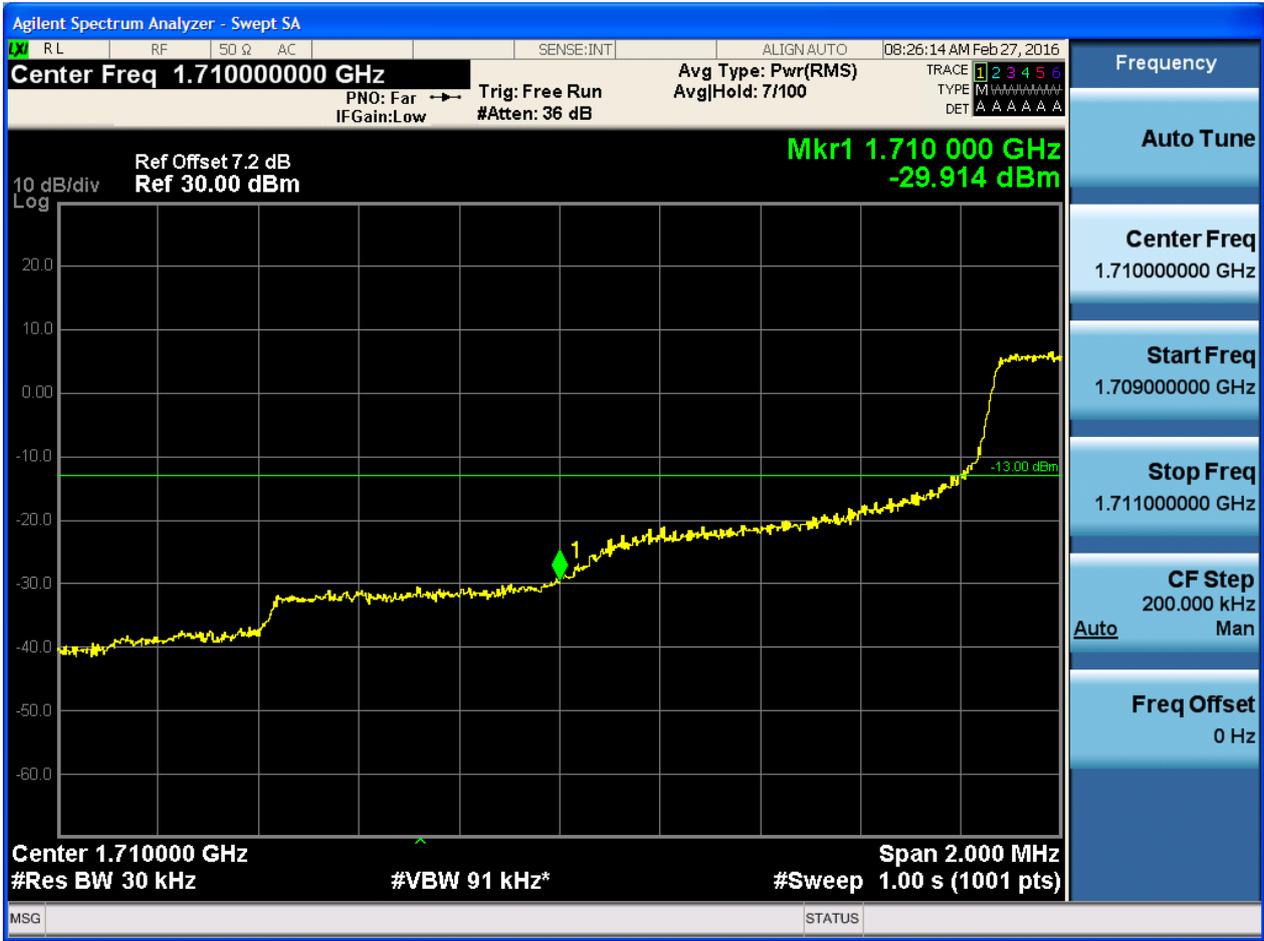


5.1.1.1.2.1.2 Test RB = RB1#14



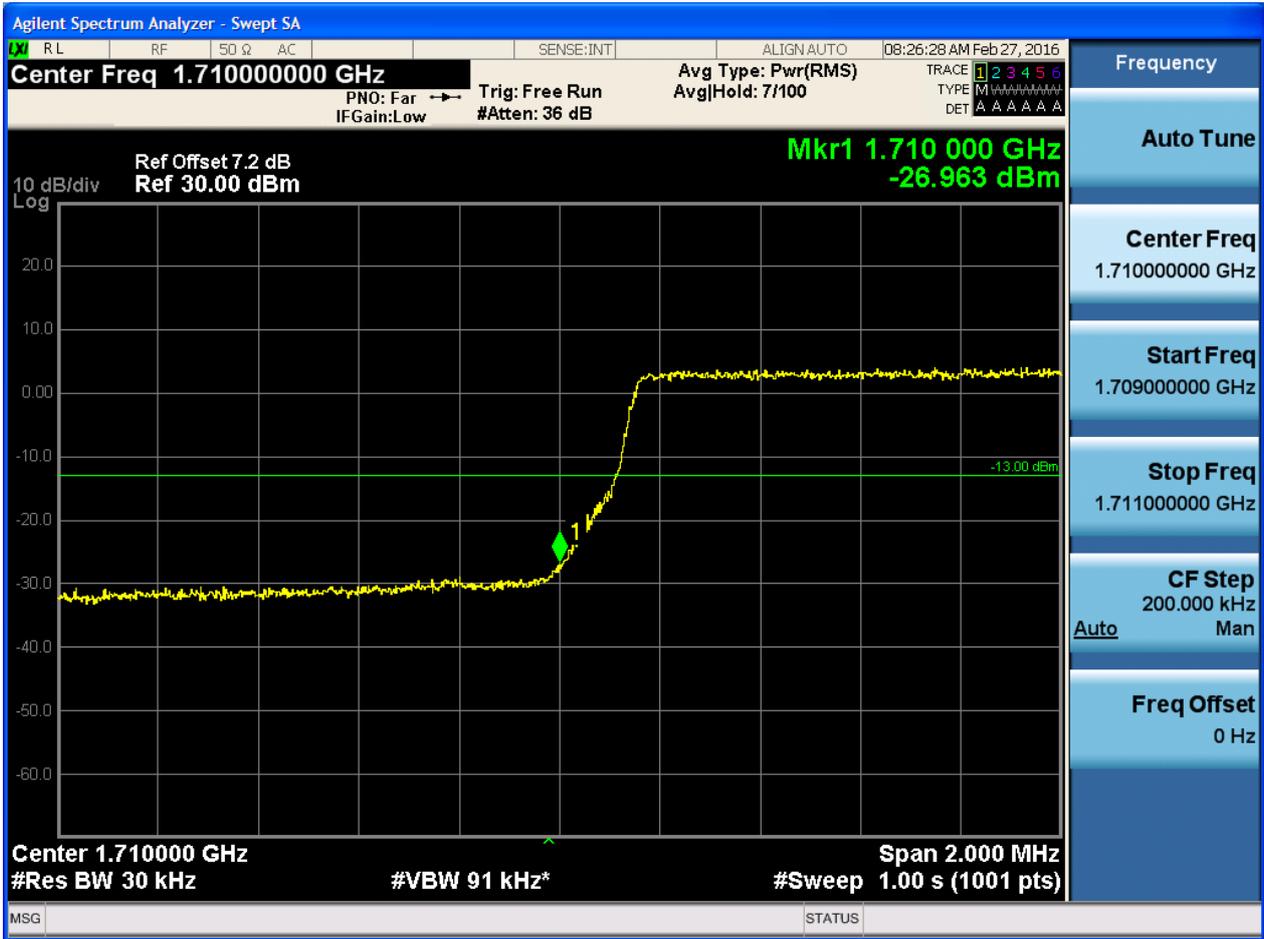


5.1.1.1.2.1.3 Test RB = RB8#4





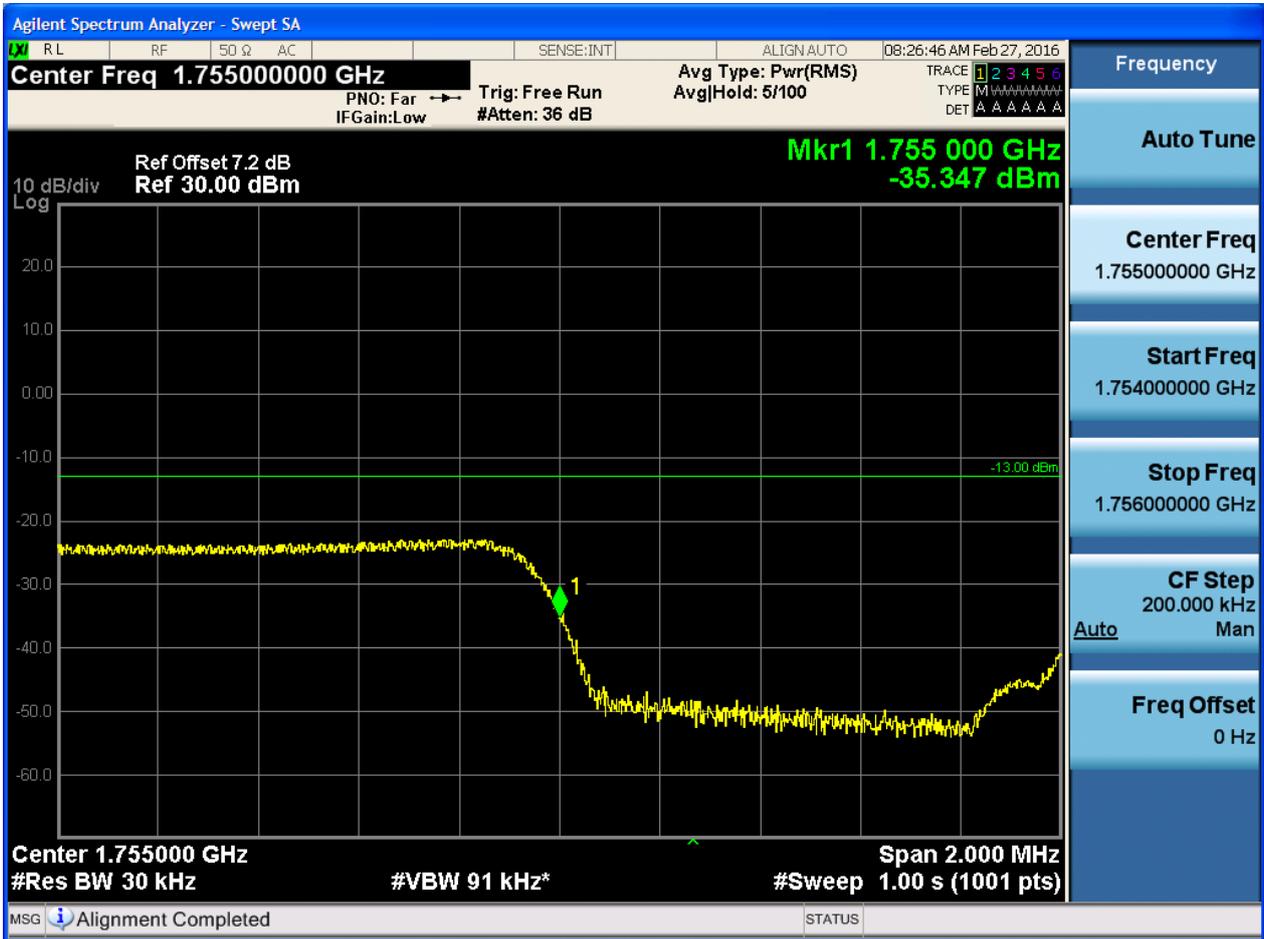
5.1.1.1.2.1.4 Test RB = RB15#0





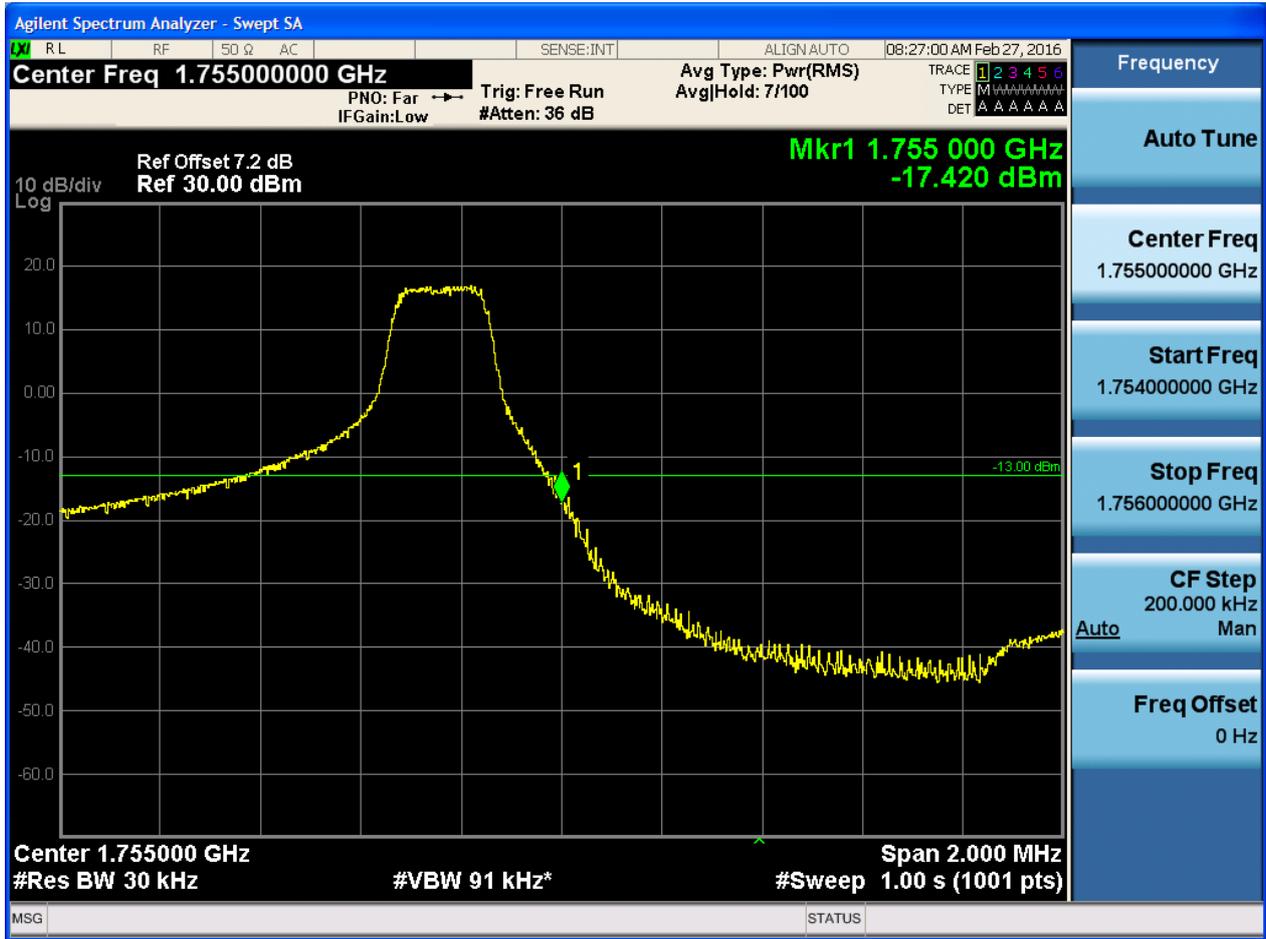
5.1.1.1.2.2 Test Channel = HCH

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

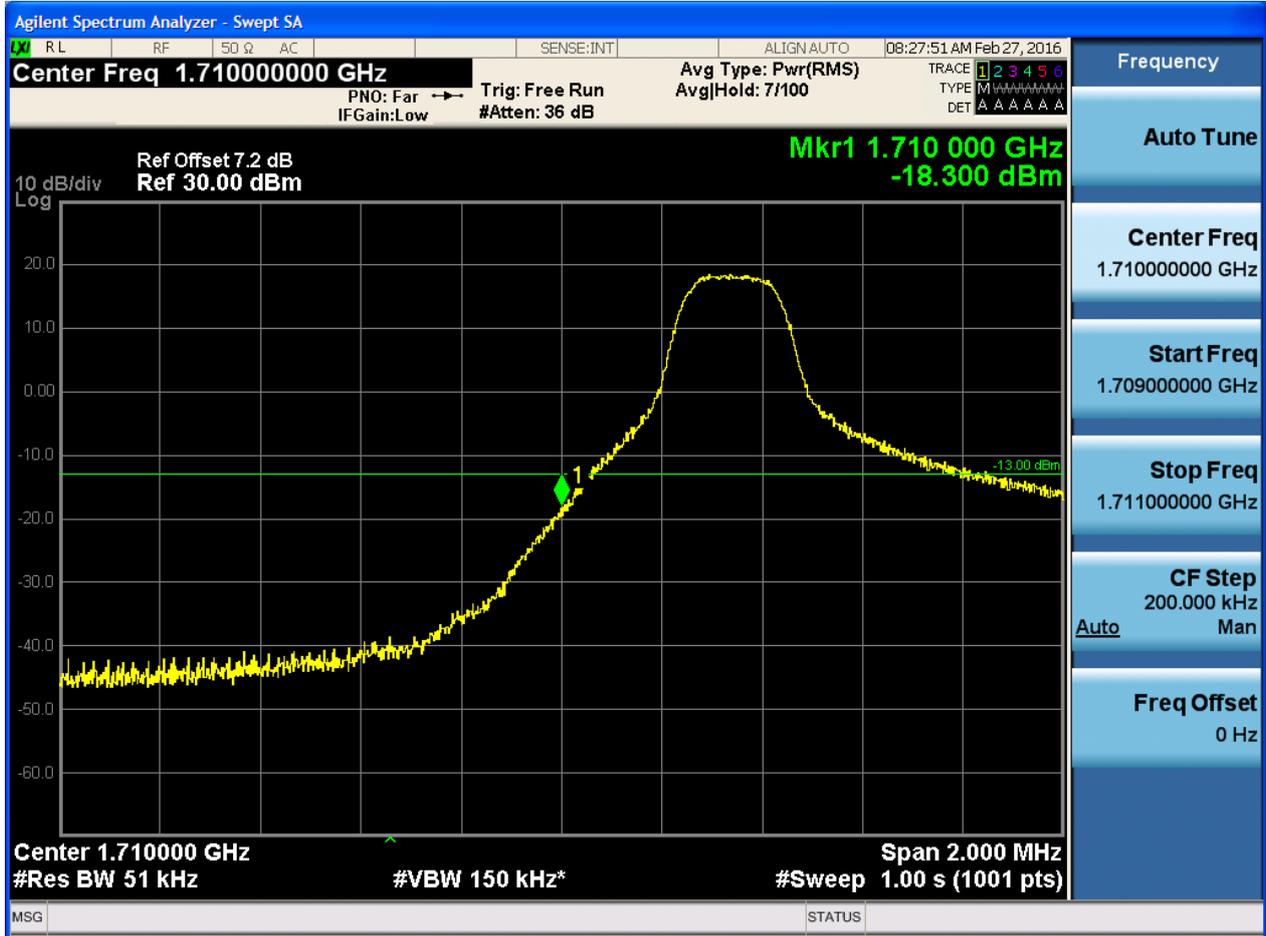




5.1.1.1.3 Test Bandwidth = 5

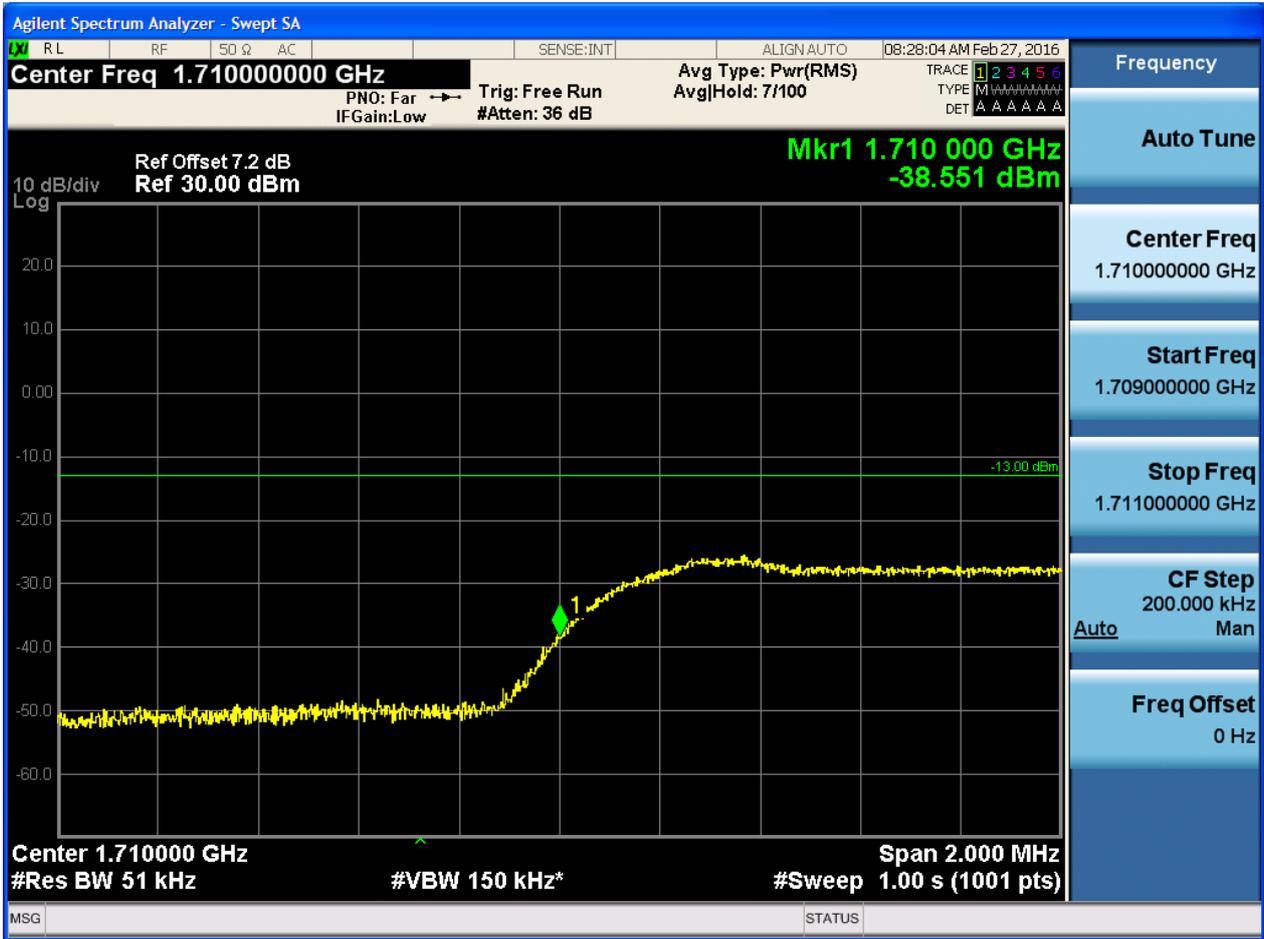
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



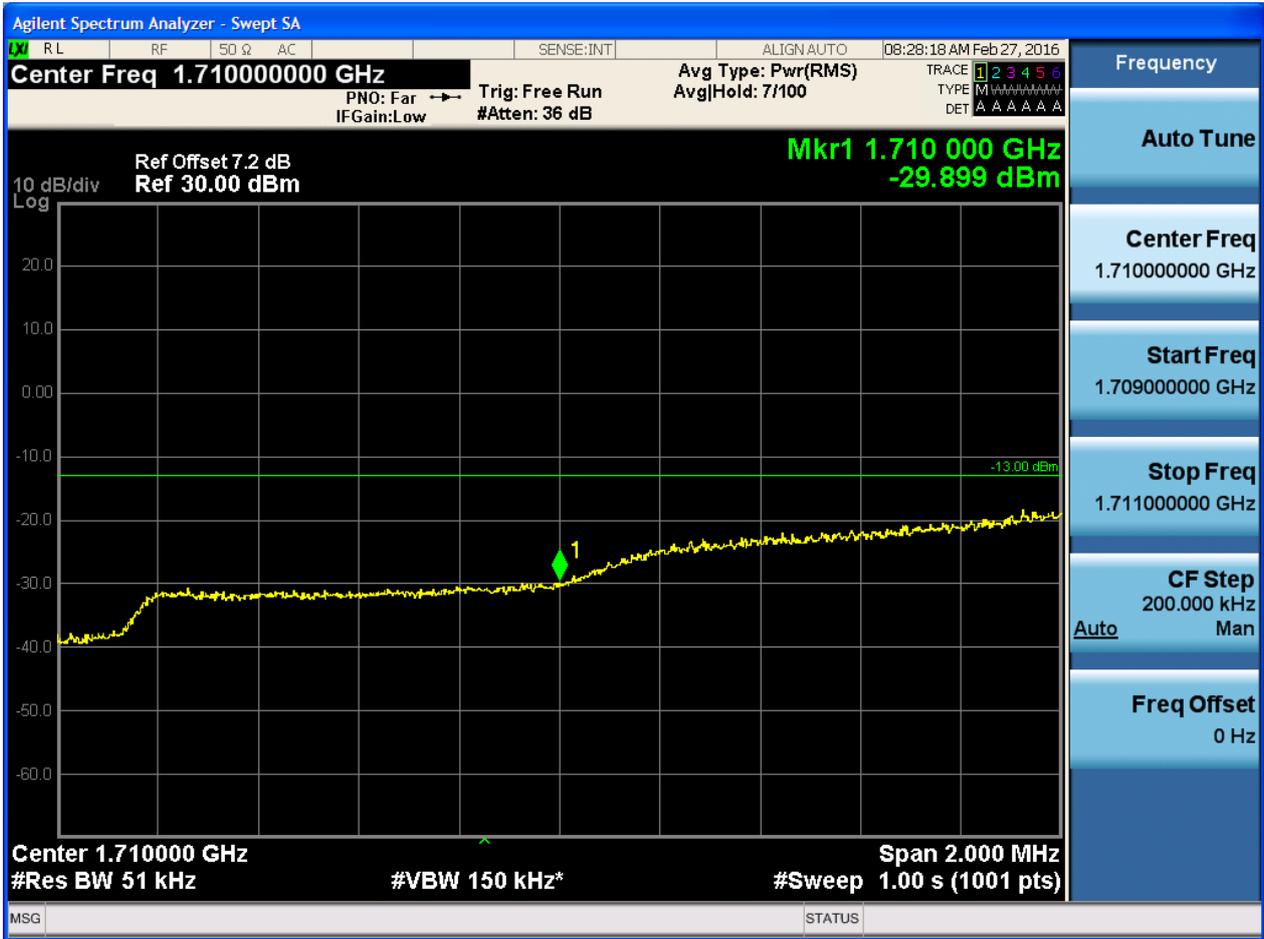


5.1.1.1.3.1.2 Test RB = RB1#24



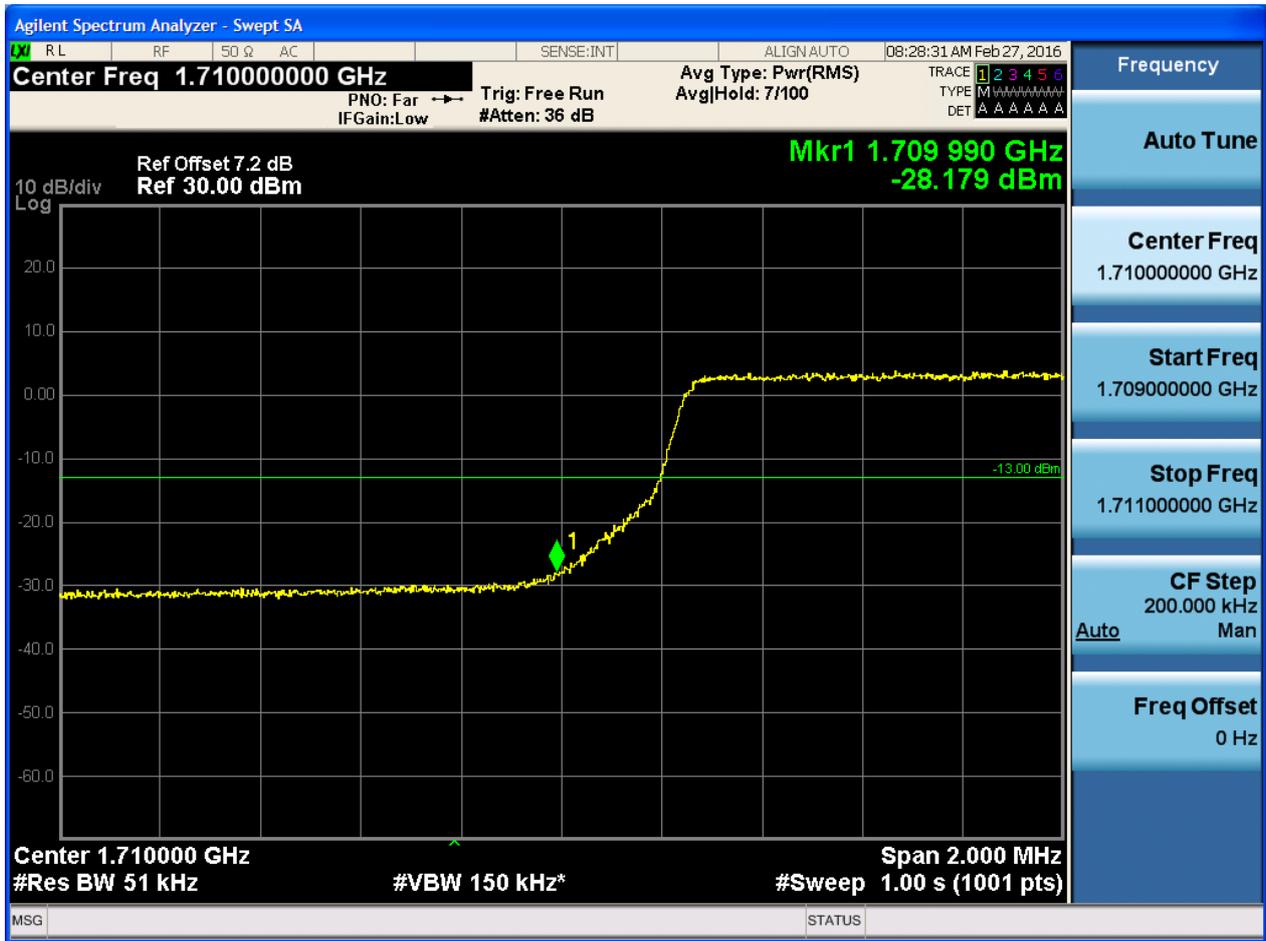


5.1.1.1.3.1.3 Test RB = RB12#6





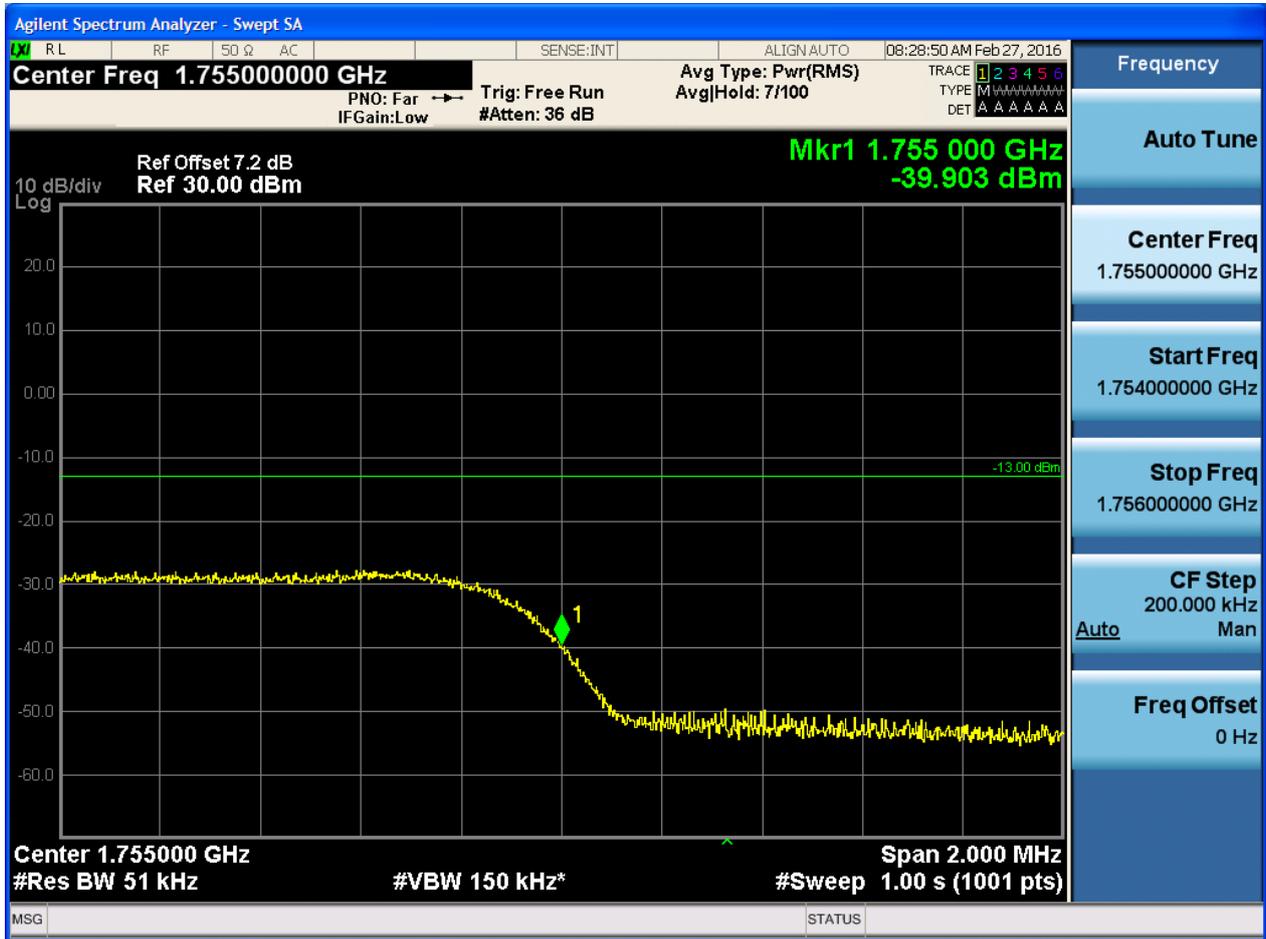
5.1.1.1.3.1.4 Test RB = RB25#0





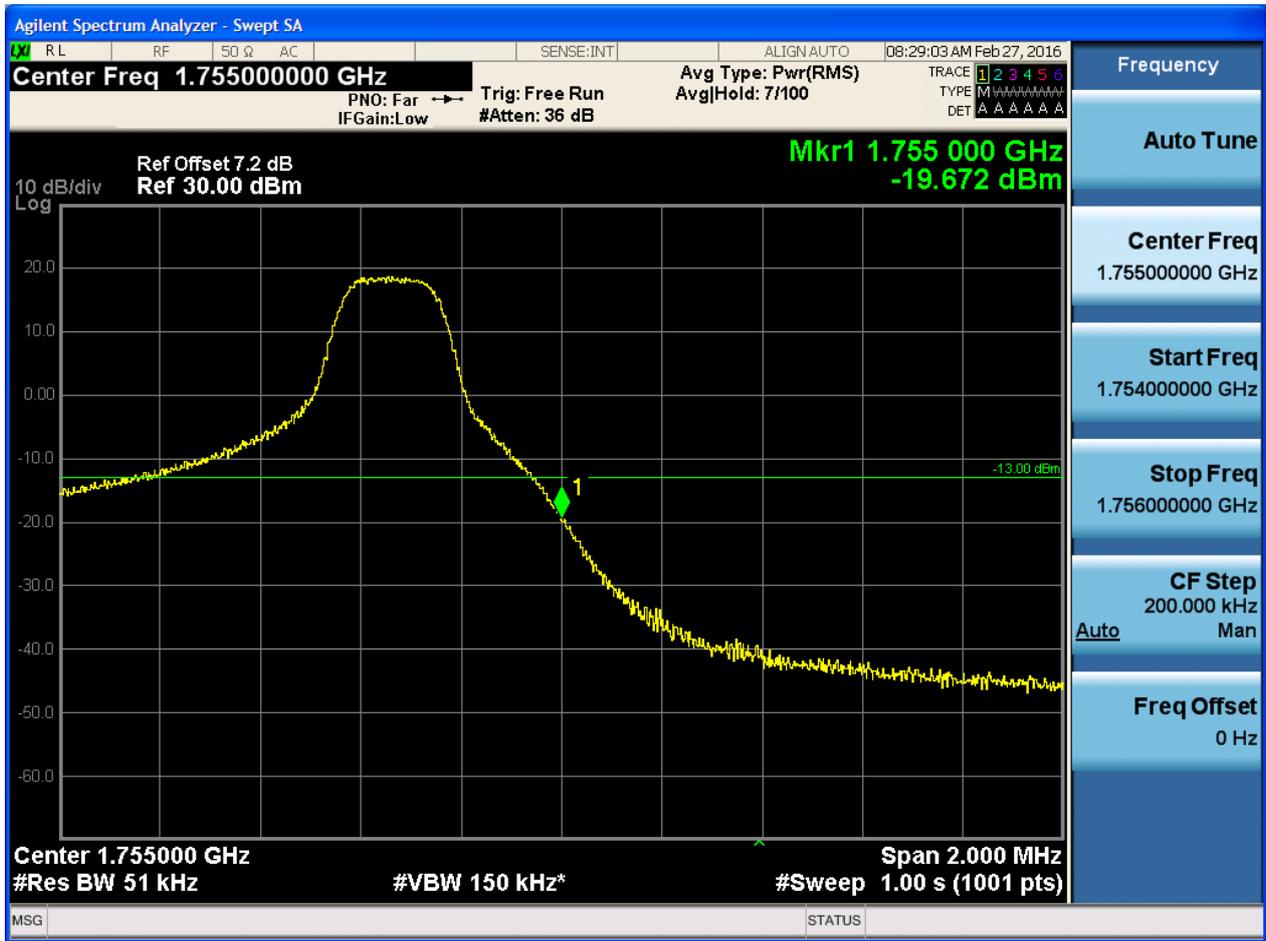
5.1.1.1.3.2 Test Channel = HCH

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

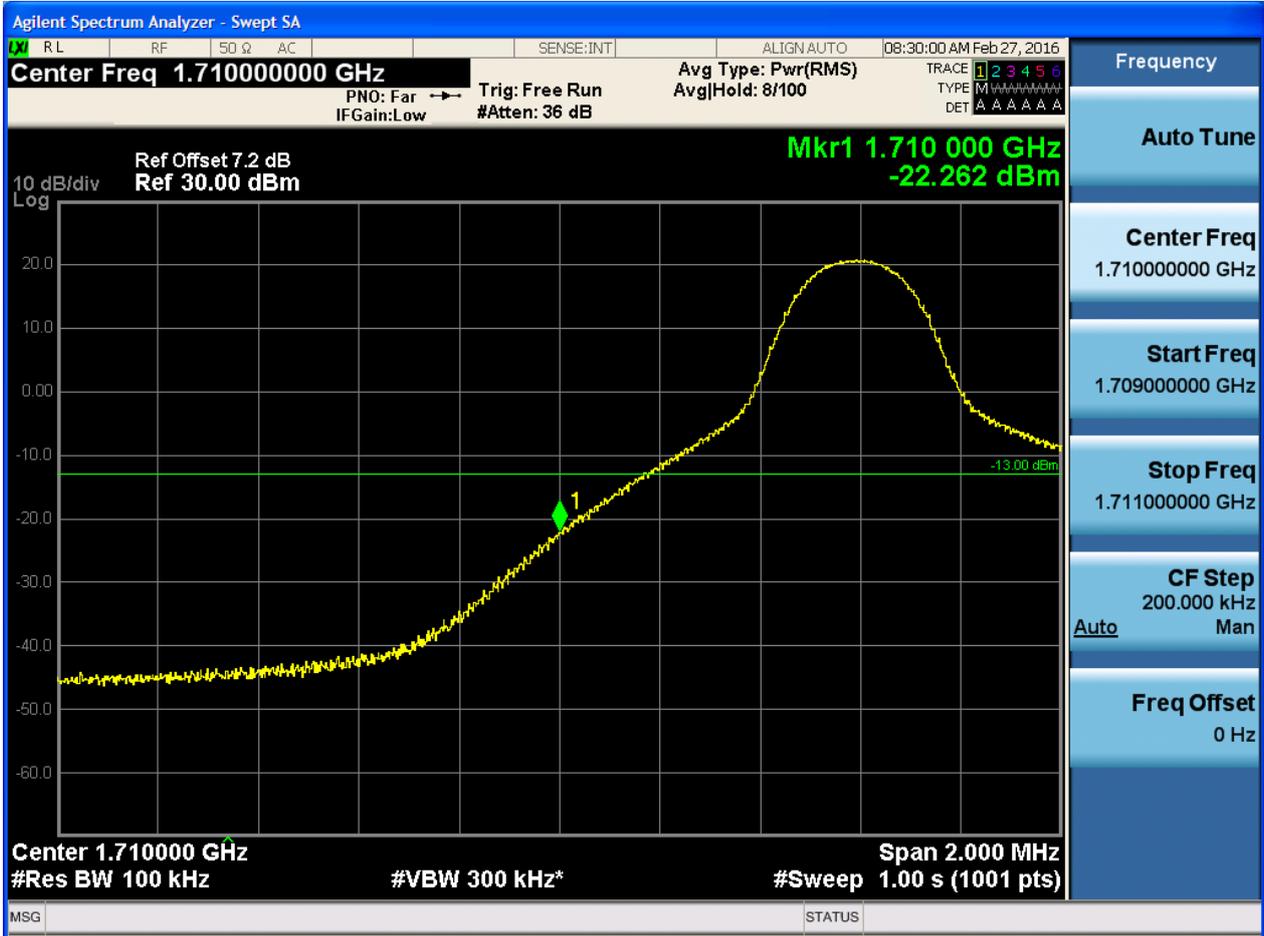




5.1.1.1.4 Test Bandwidth = 10

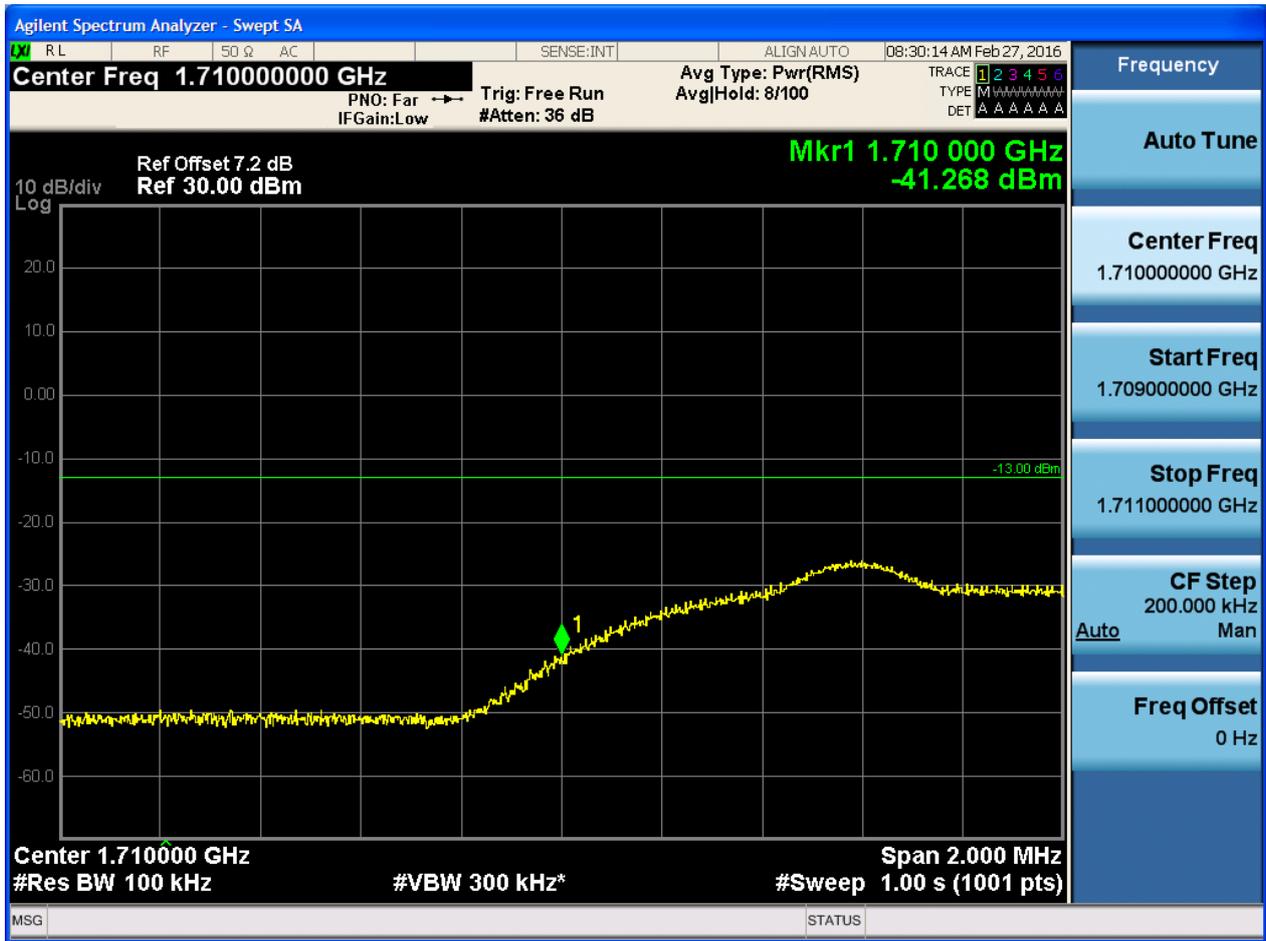
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



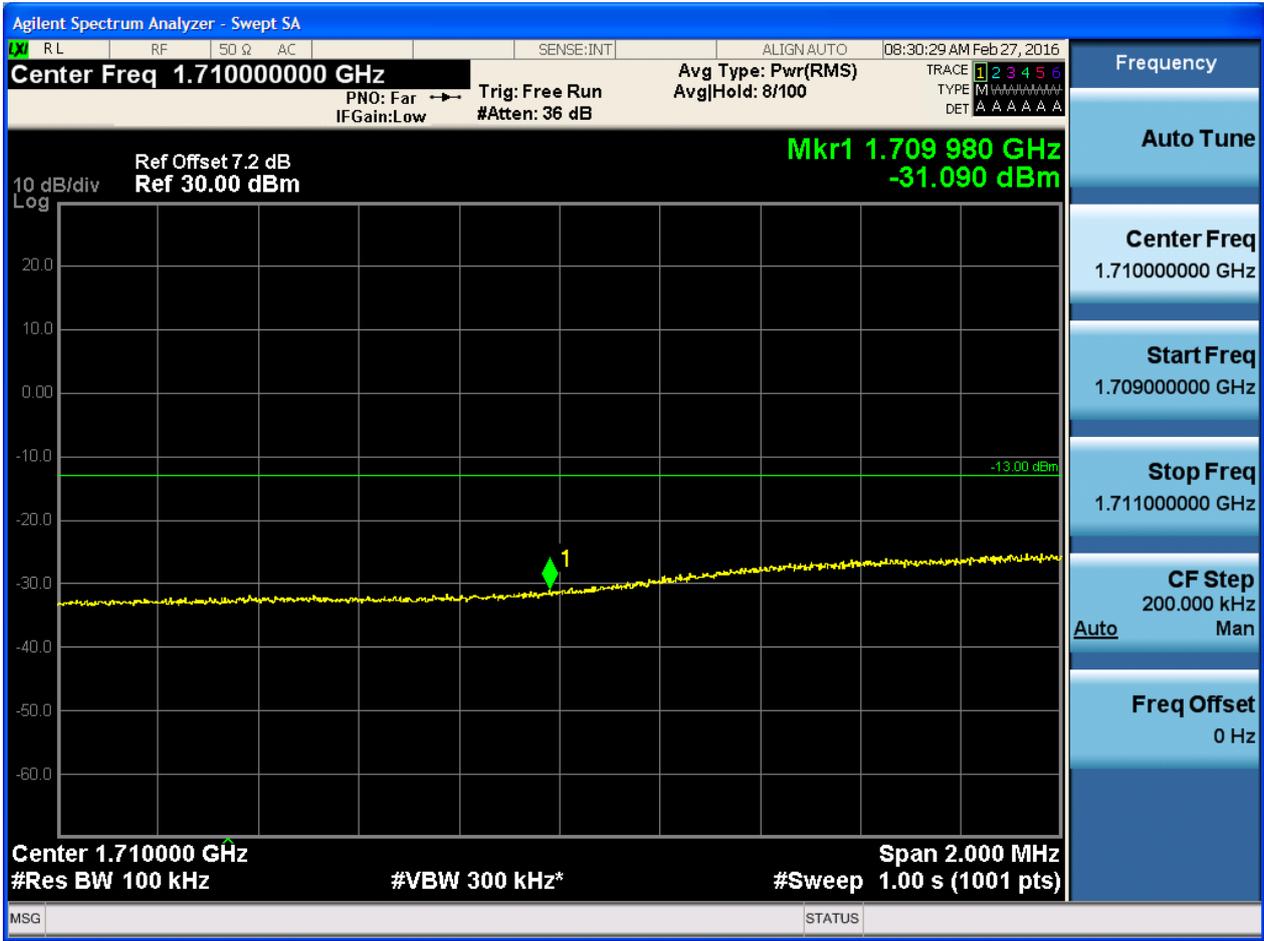


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





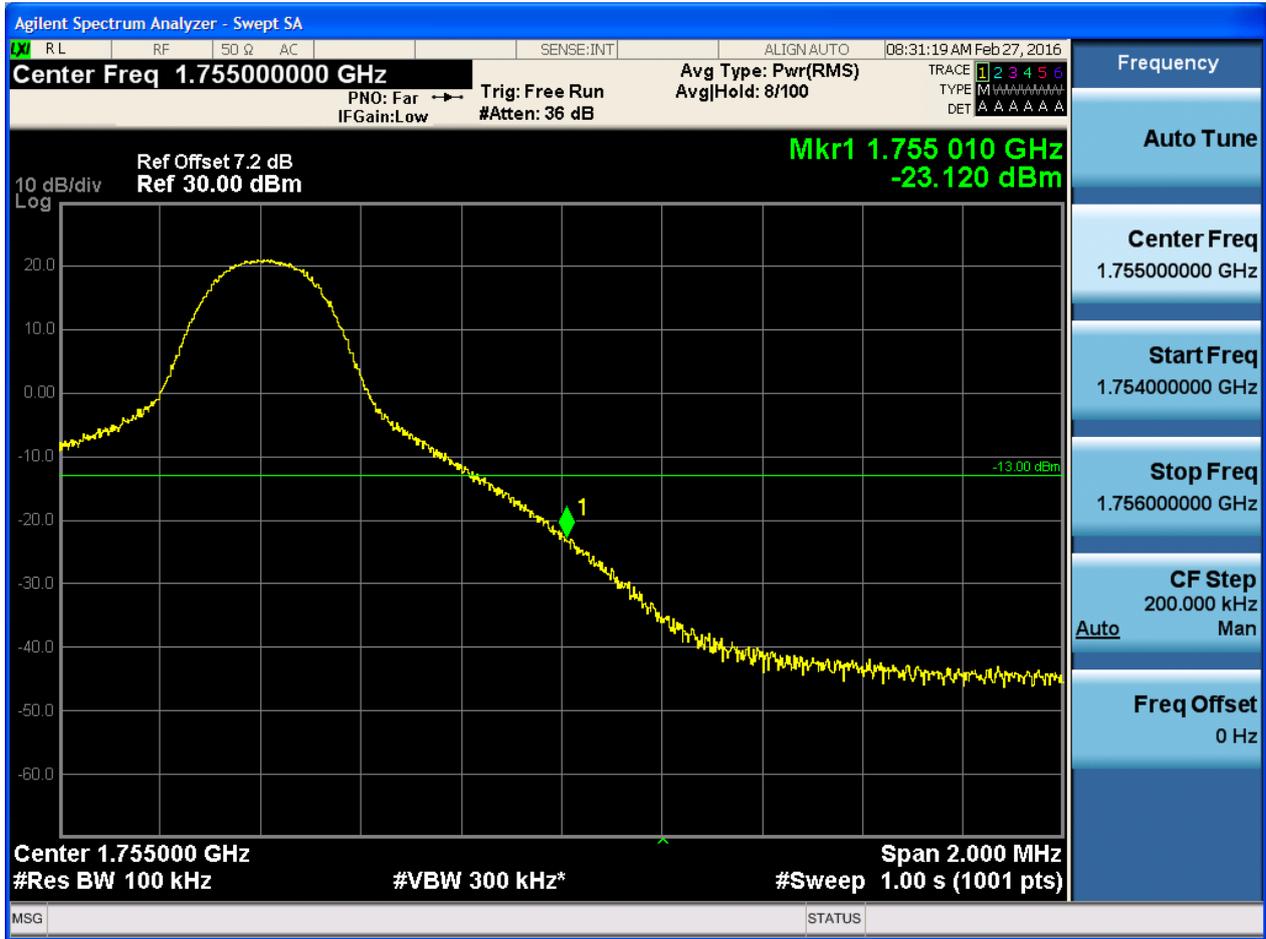
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



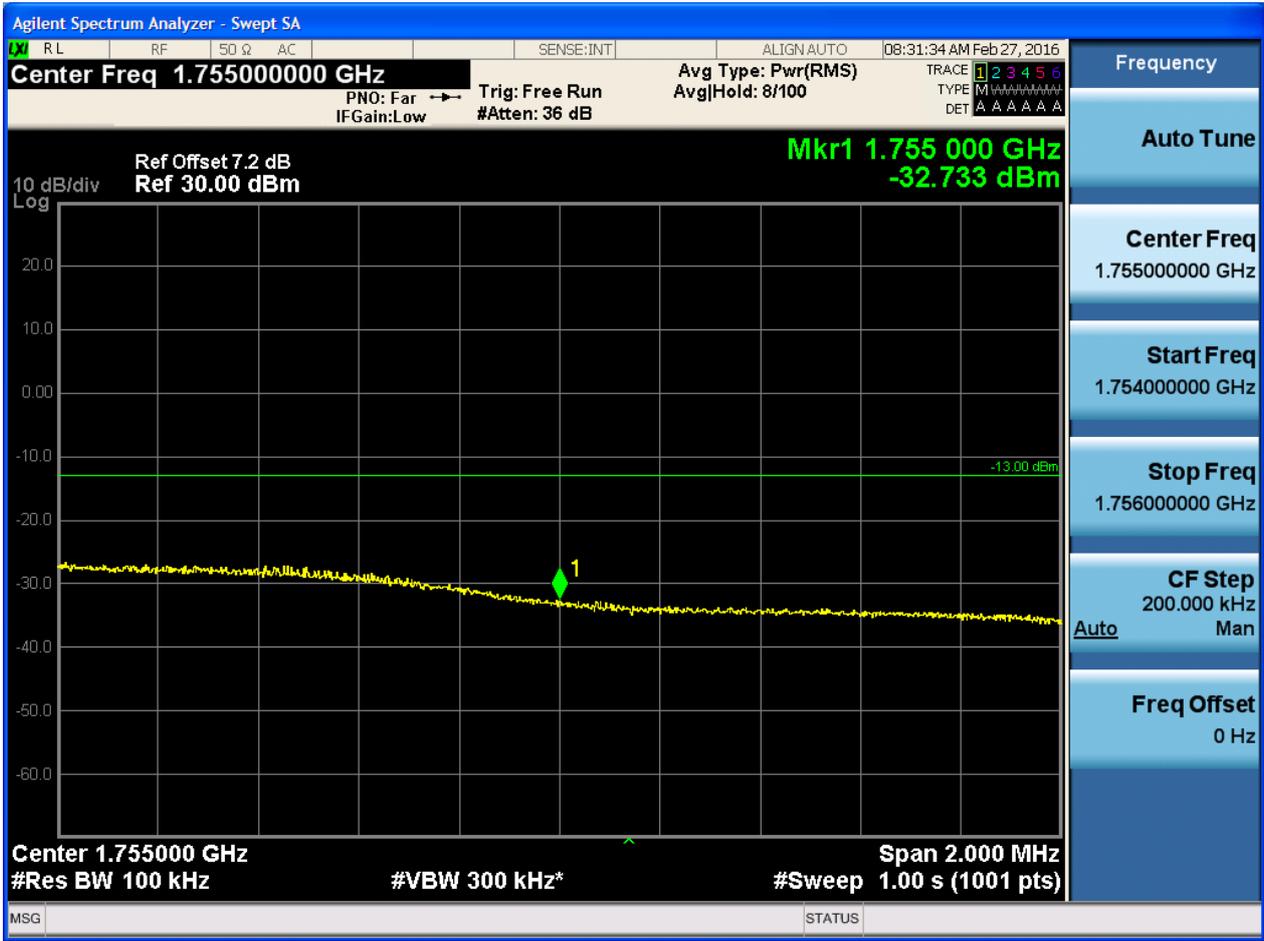


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0

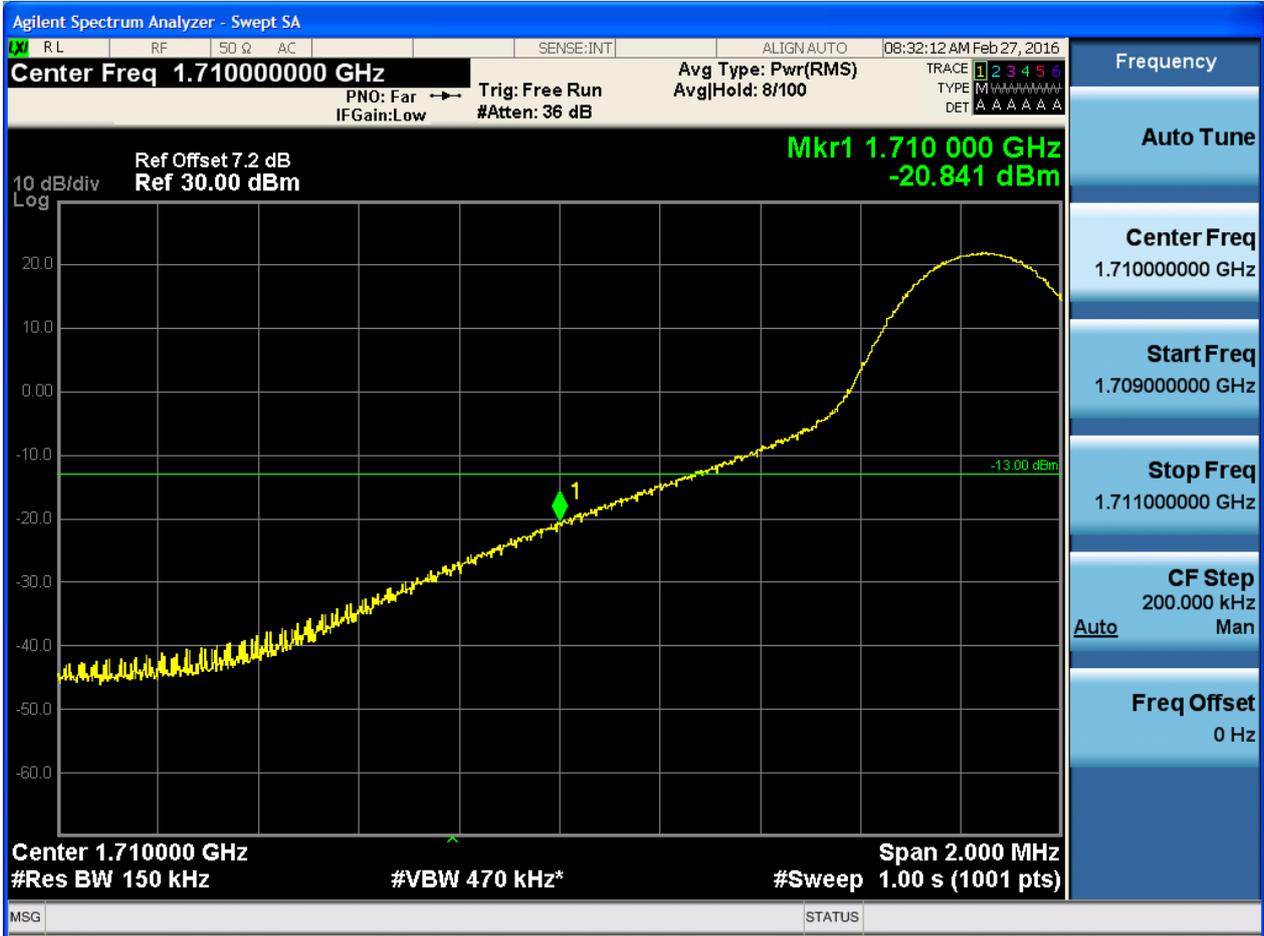




5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



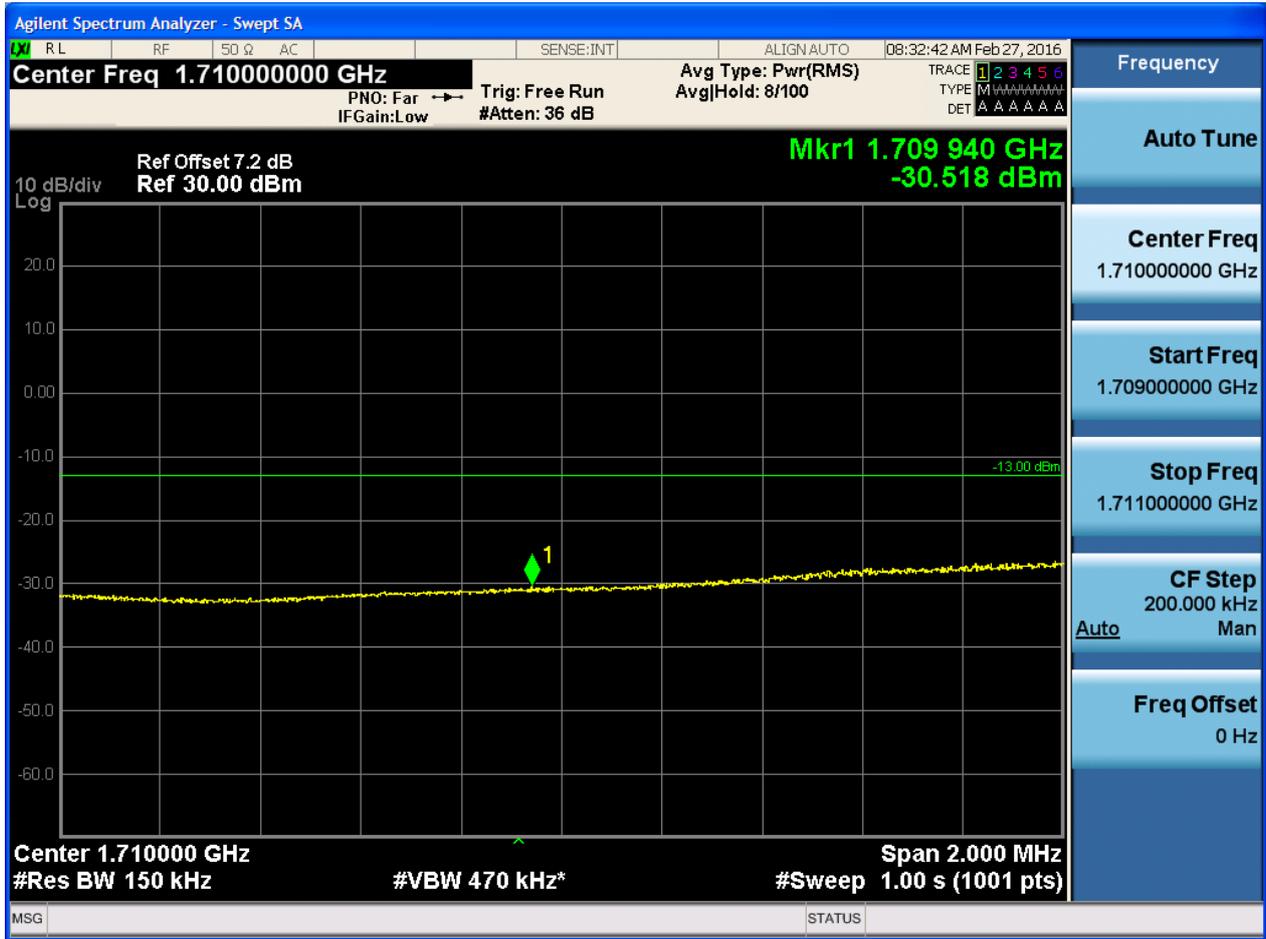


5.1.1.1.5.1.2 Test RB = RB1#74



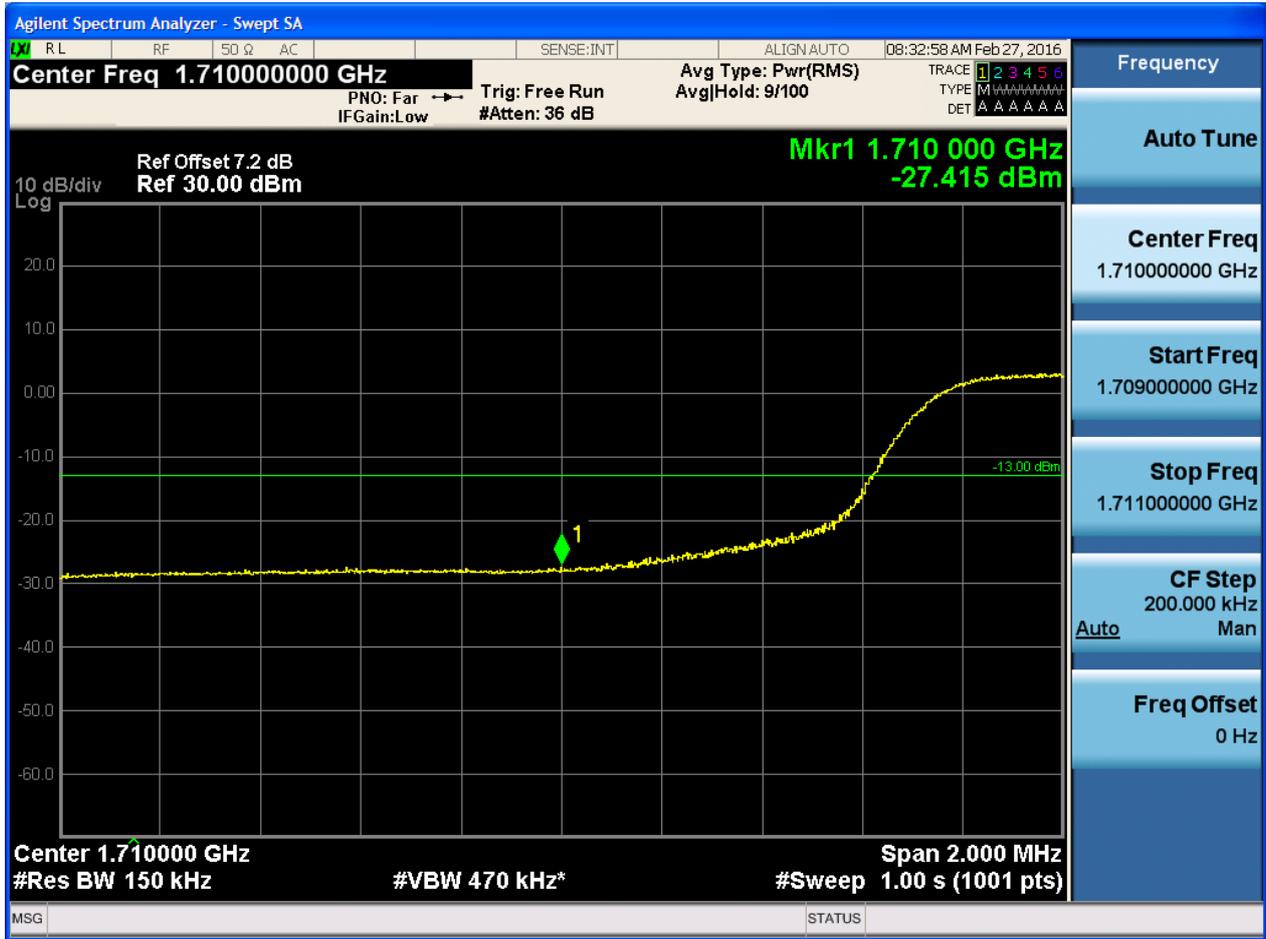


5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



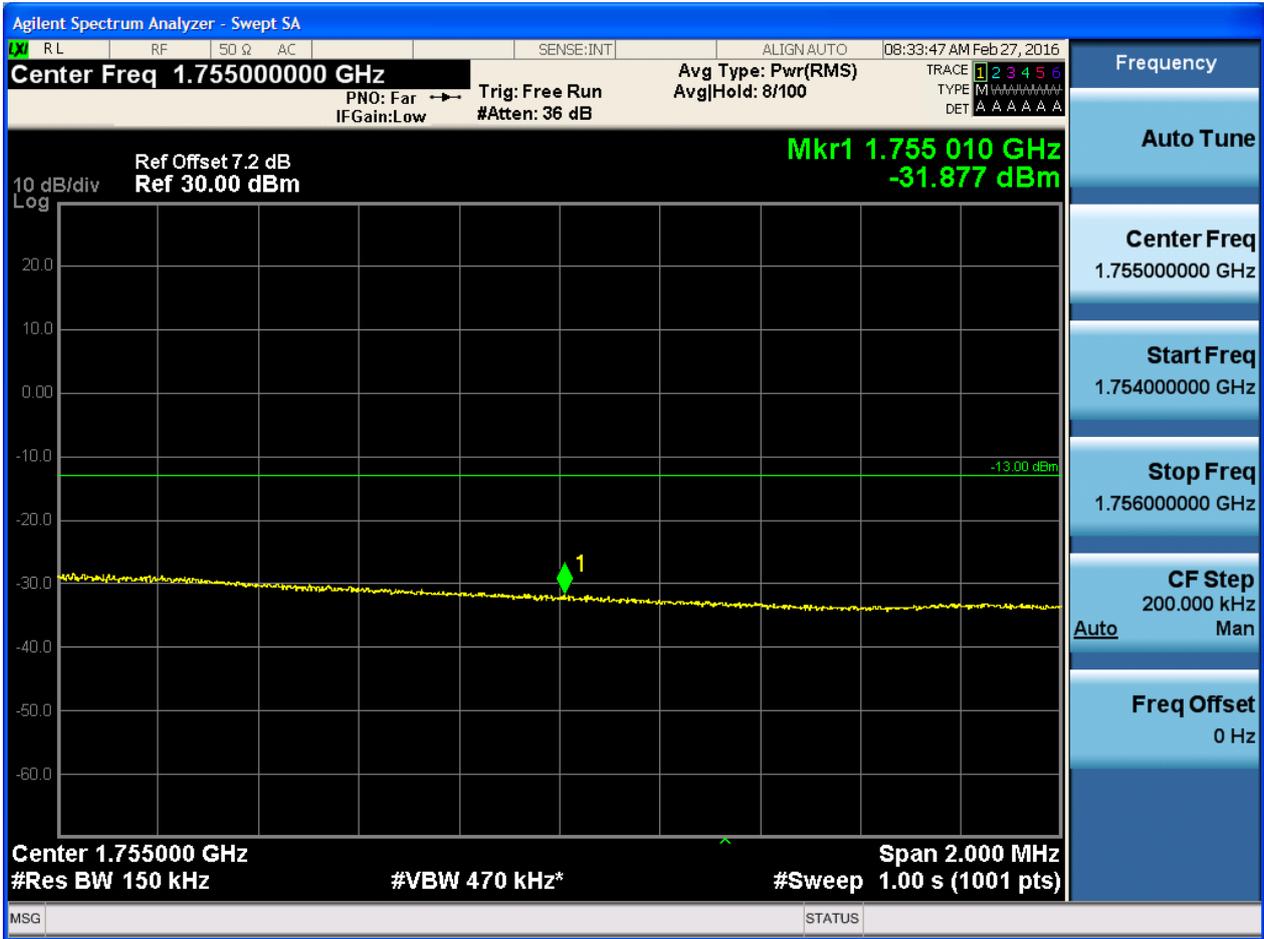


5.1.1.1.5.2.2 Test RB = RB1#74



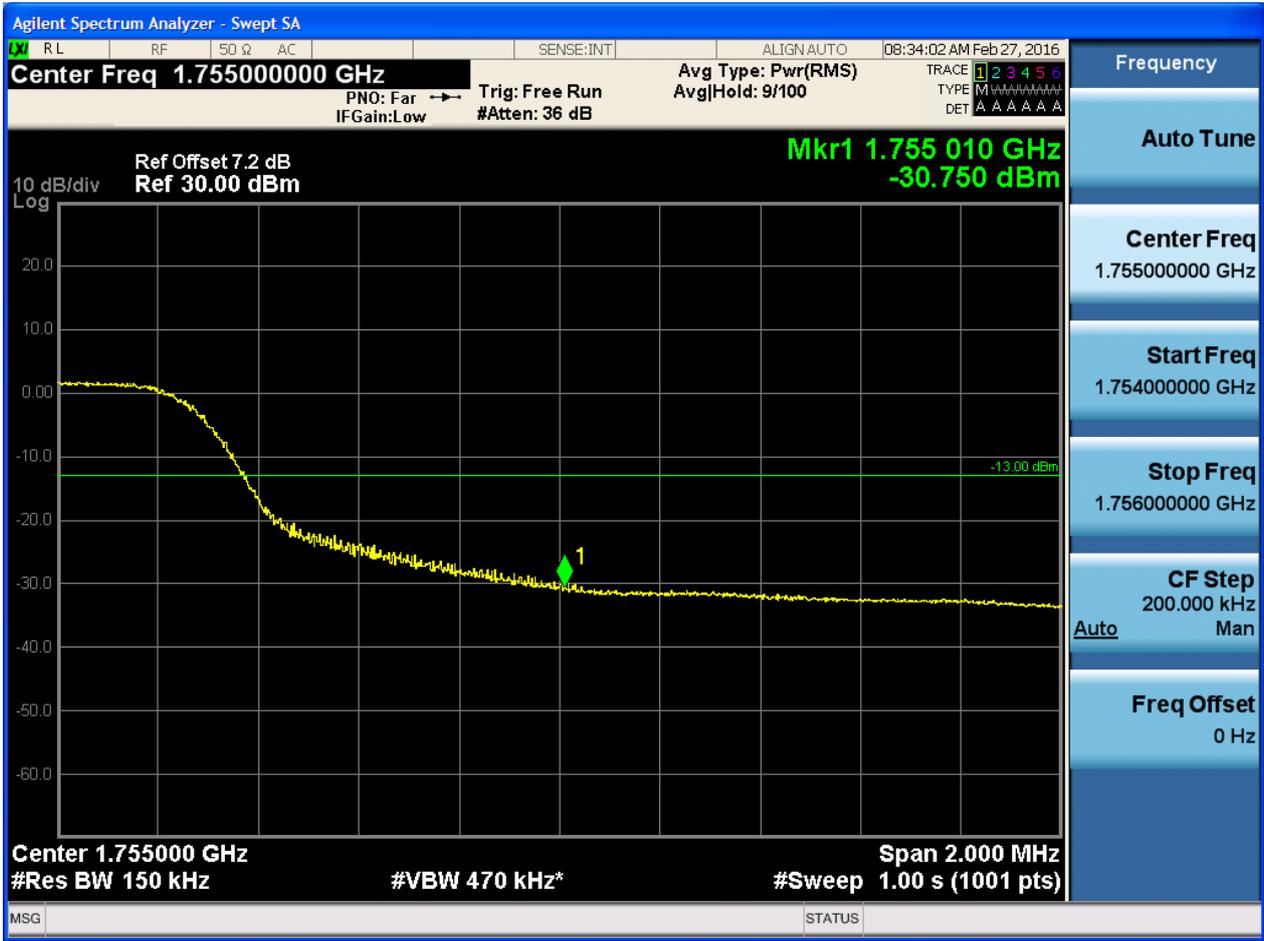


5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

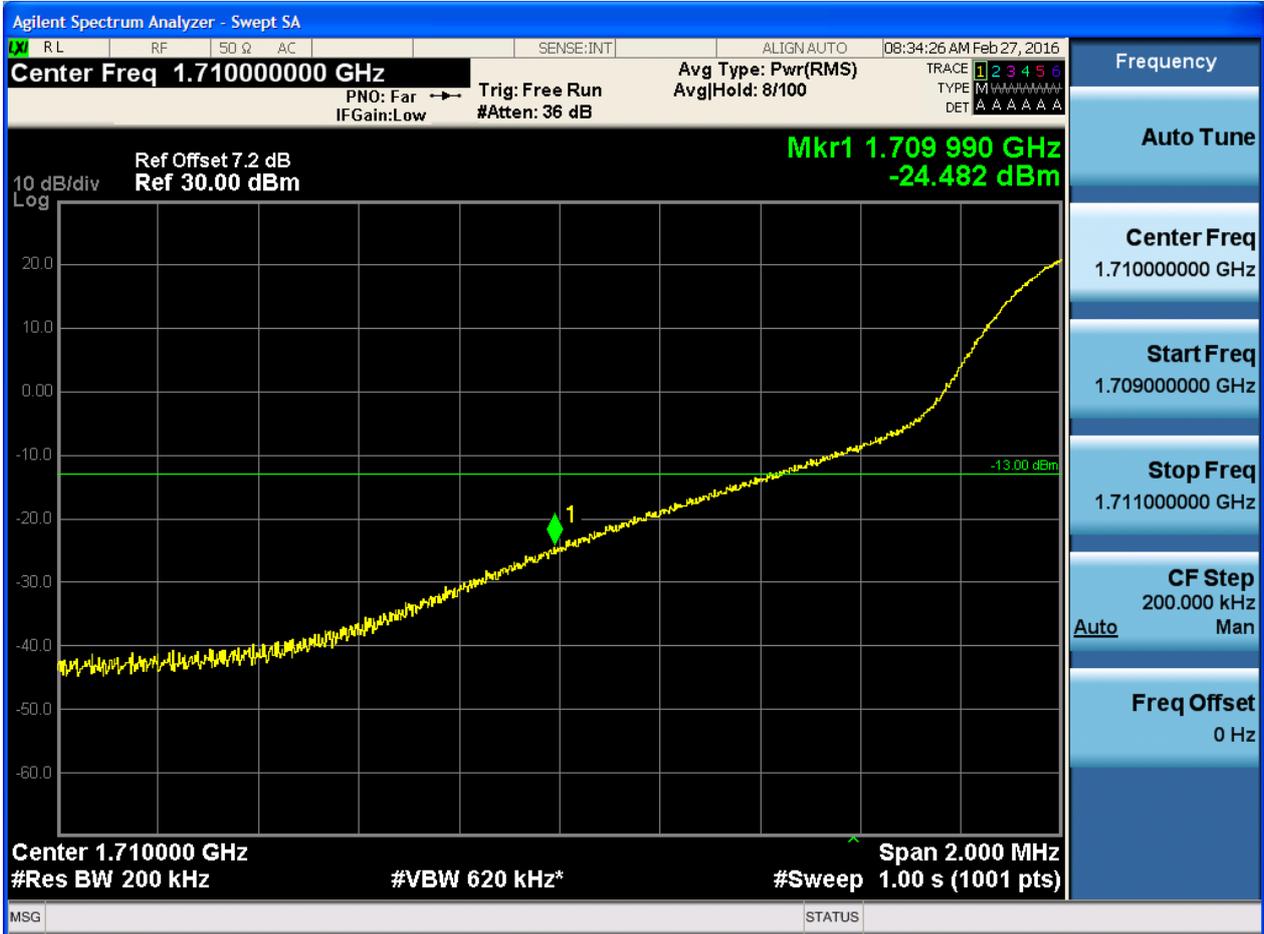




5.1.1.1.6 Test Bandwidth = 20

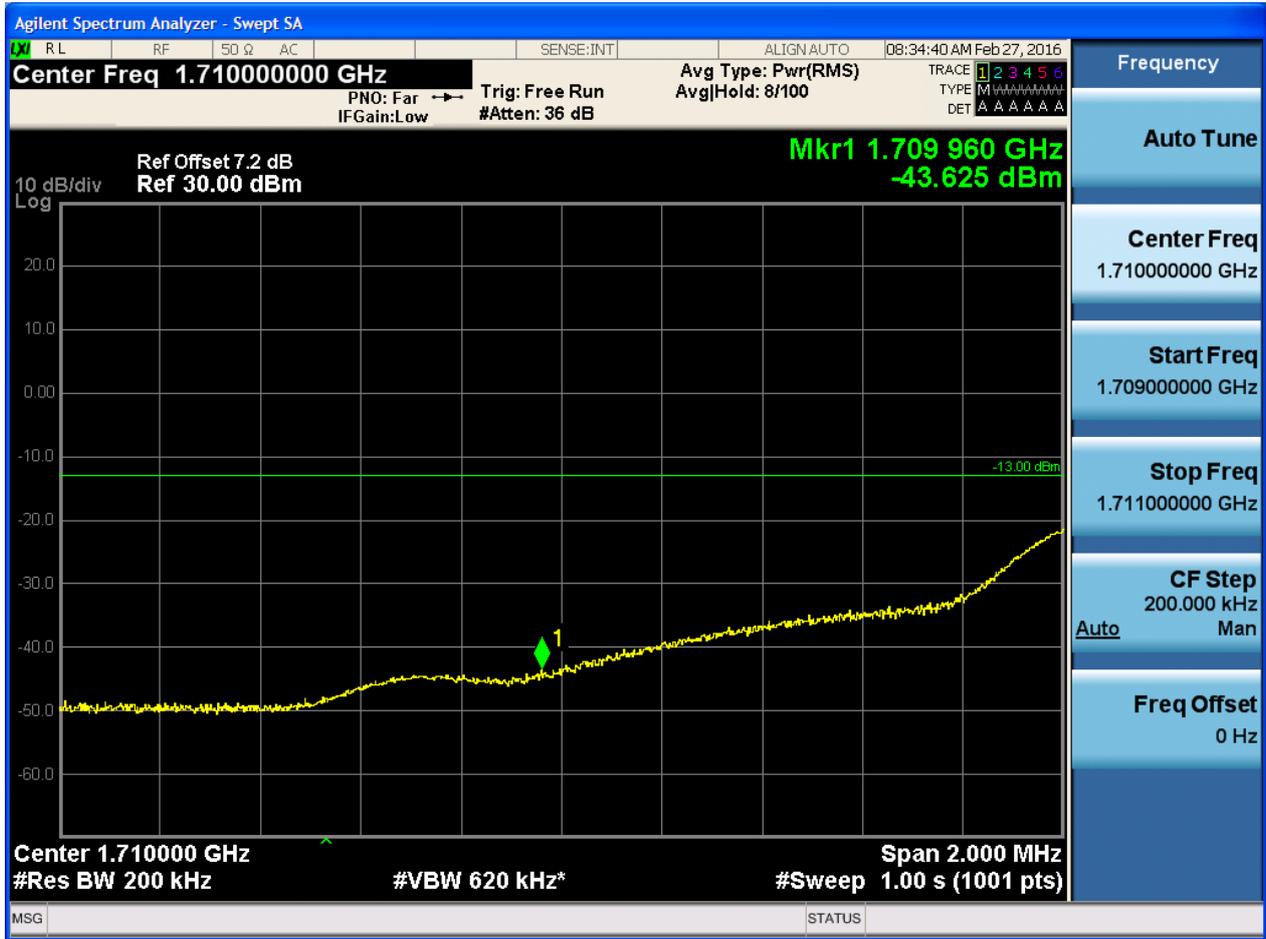
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



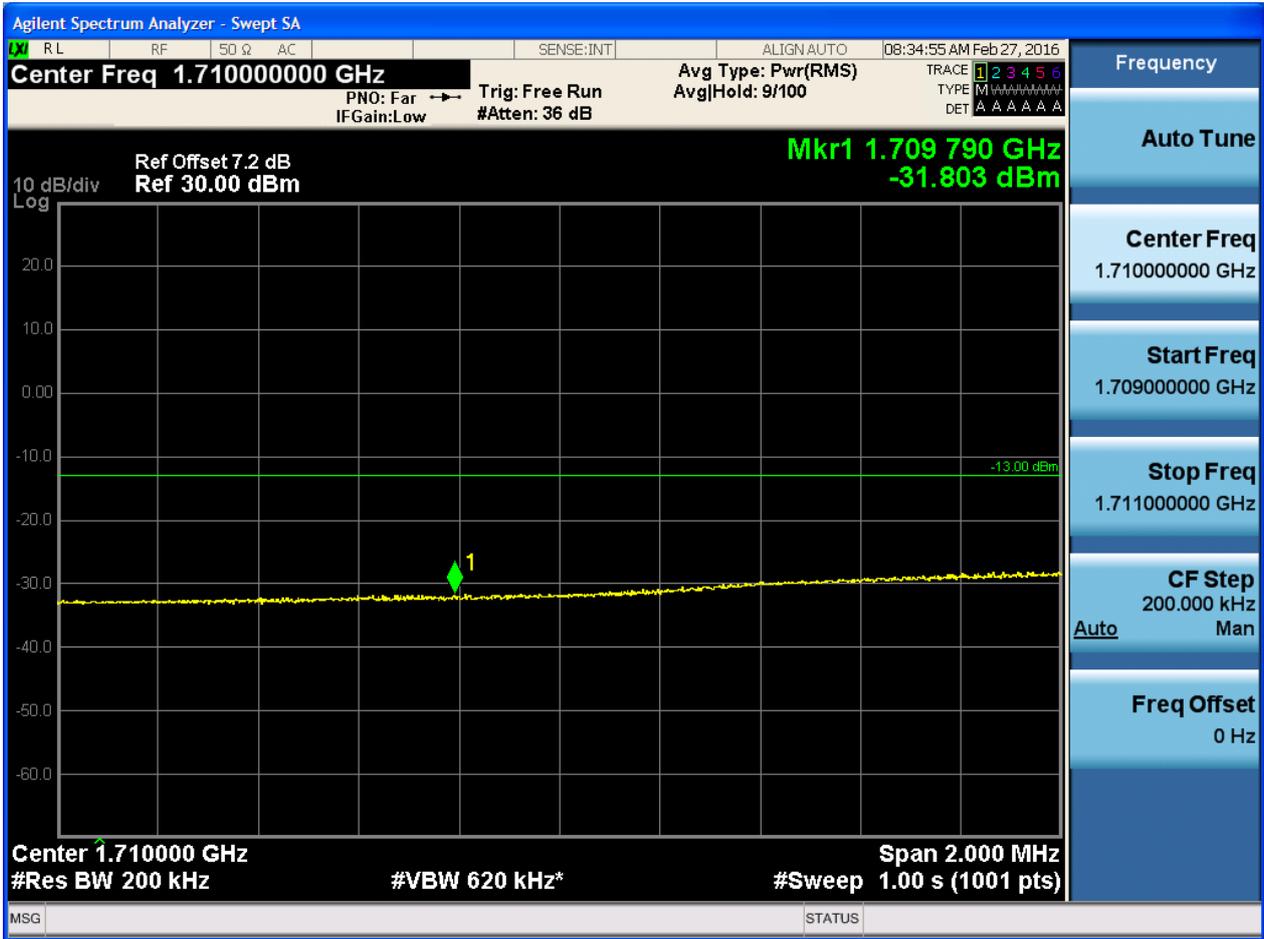


5.1.1.1.6.1.2 Test RB = RB1#99



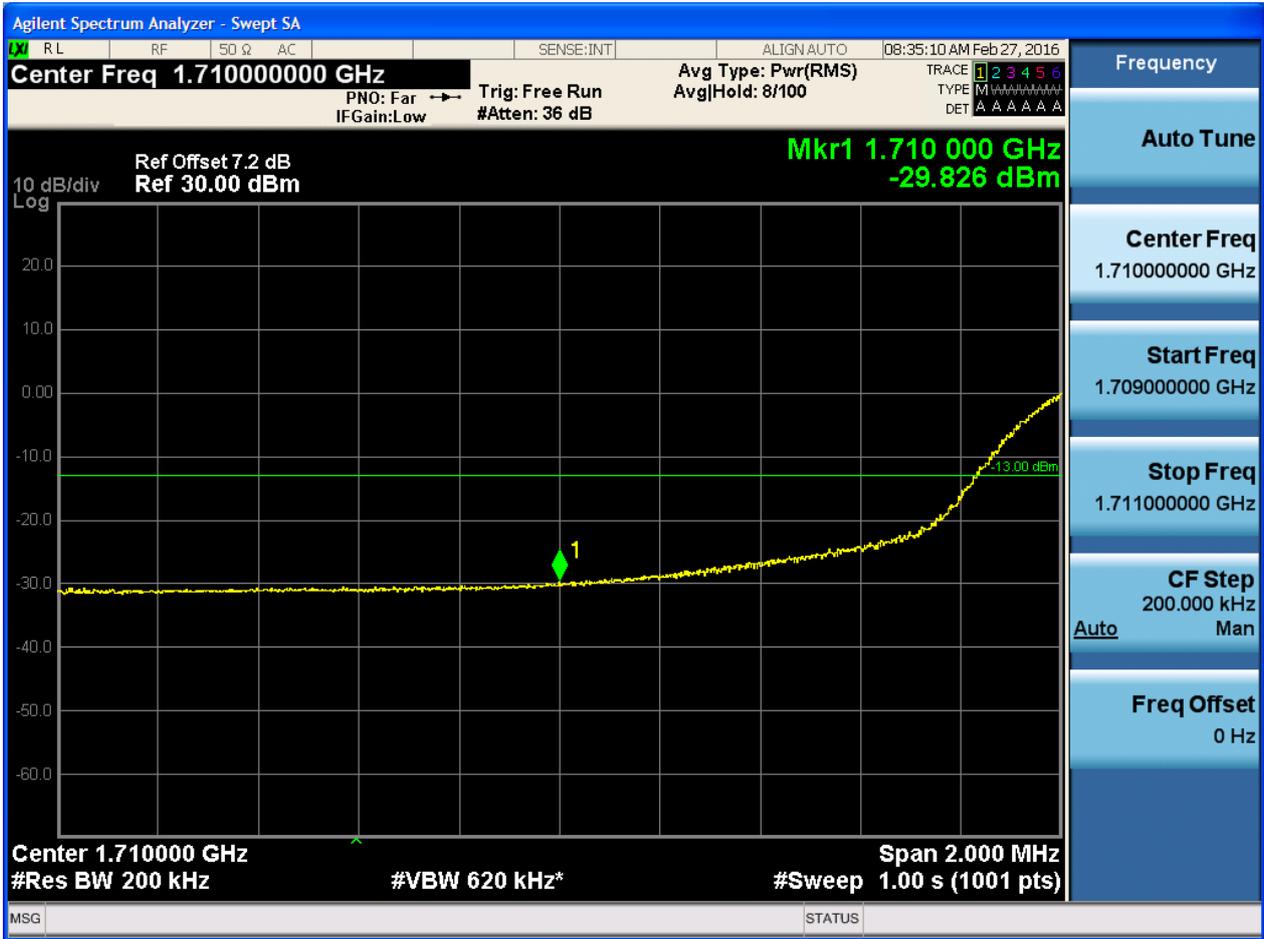


5.1.1.1.6.1.3 Test RB = RB50#25





5.1.1.1.6.1.4 Test RB = RB100#0





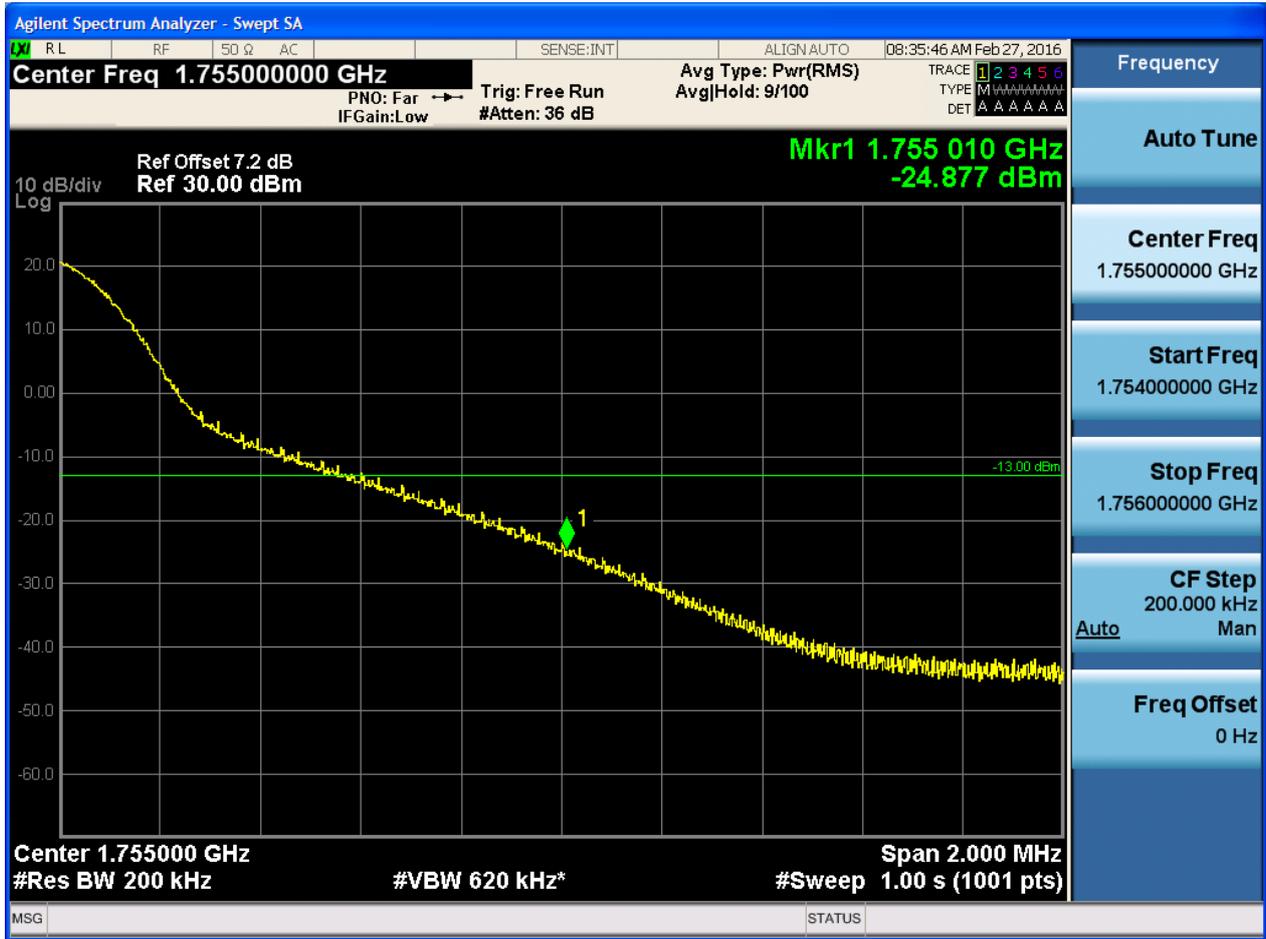
5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



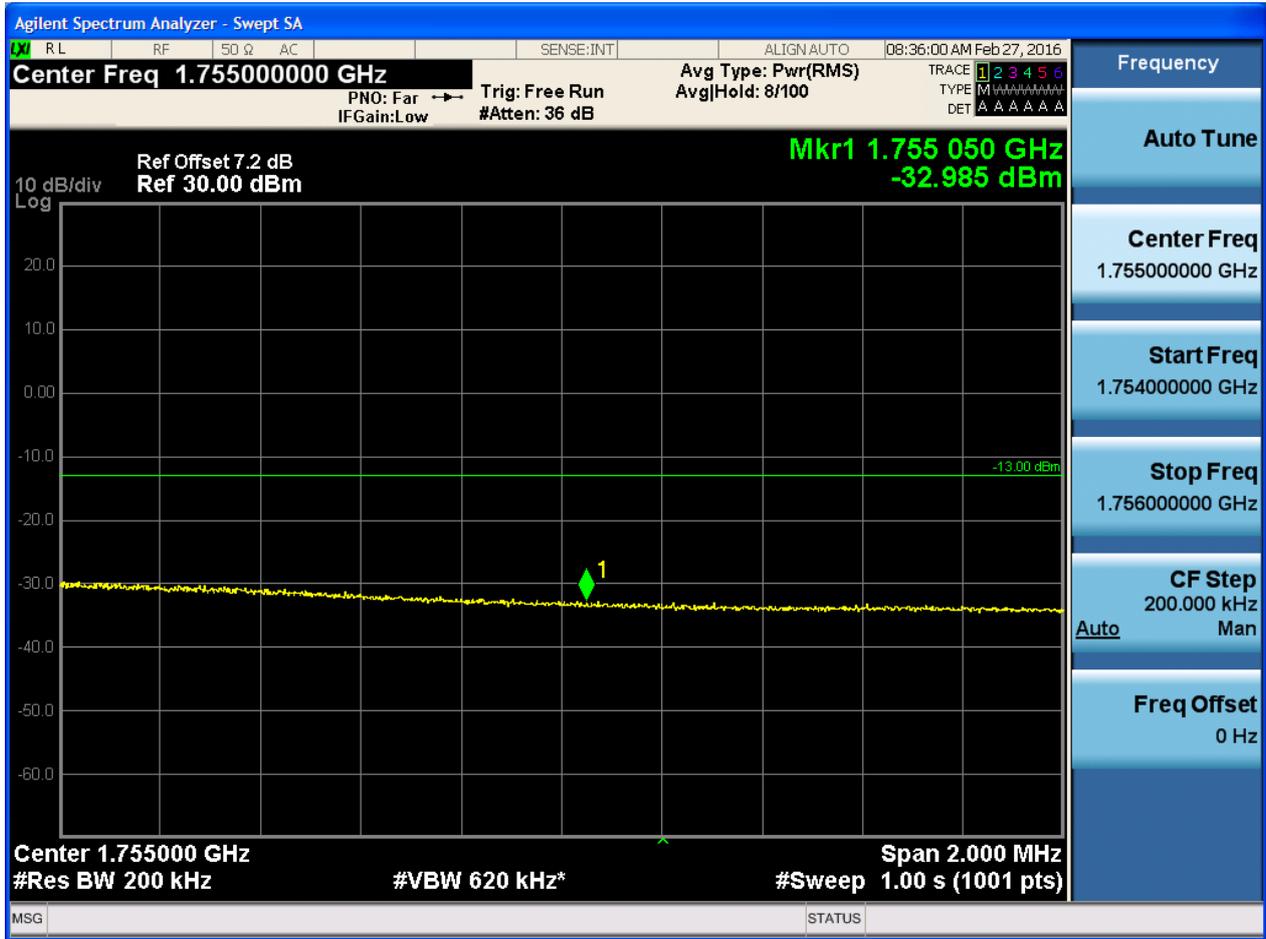


5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



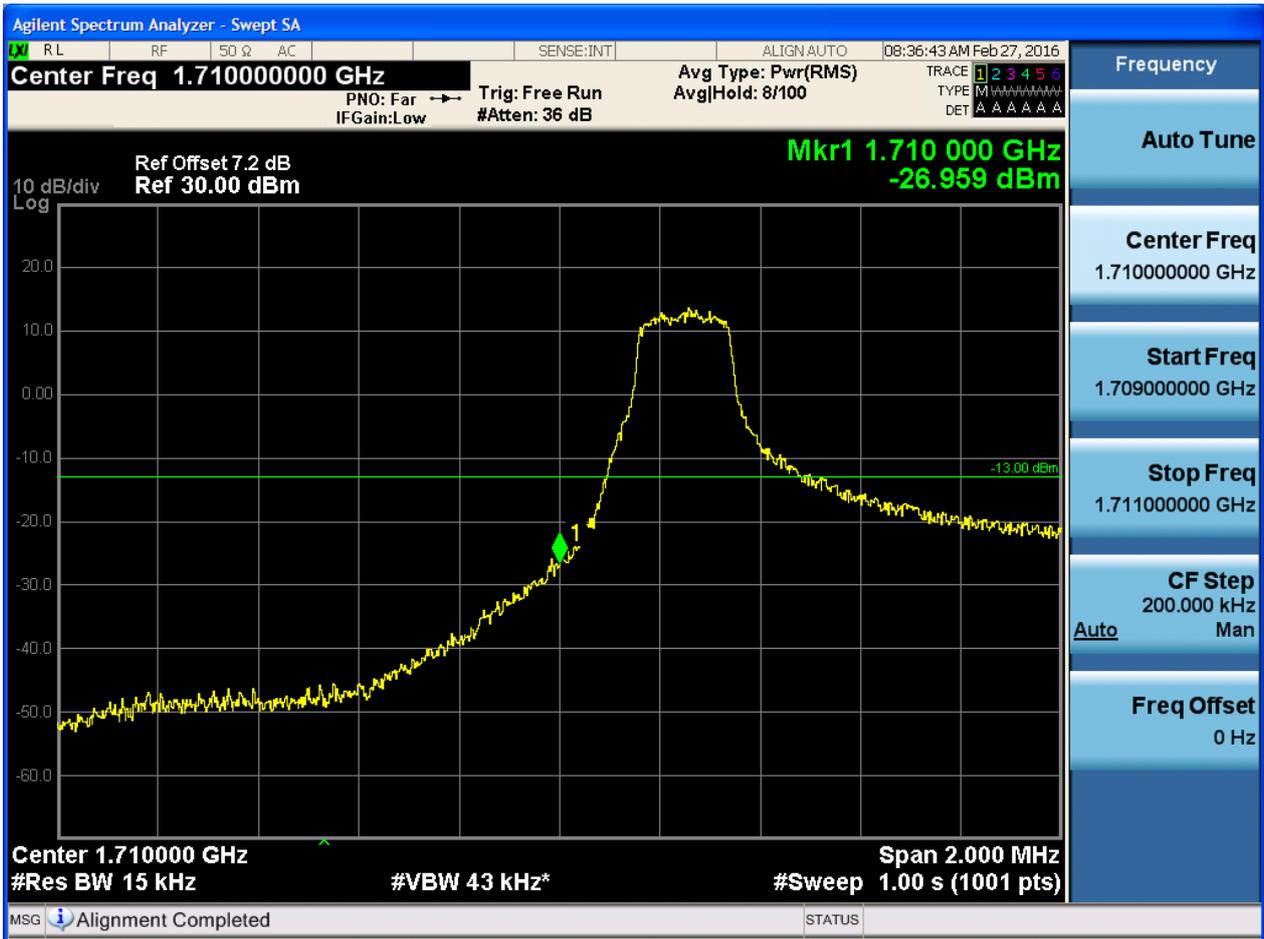


5.1.1.2 Test Mode = LTE/TM2

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



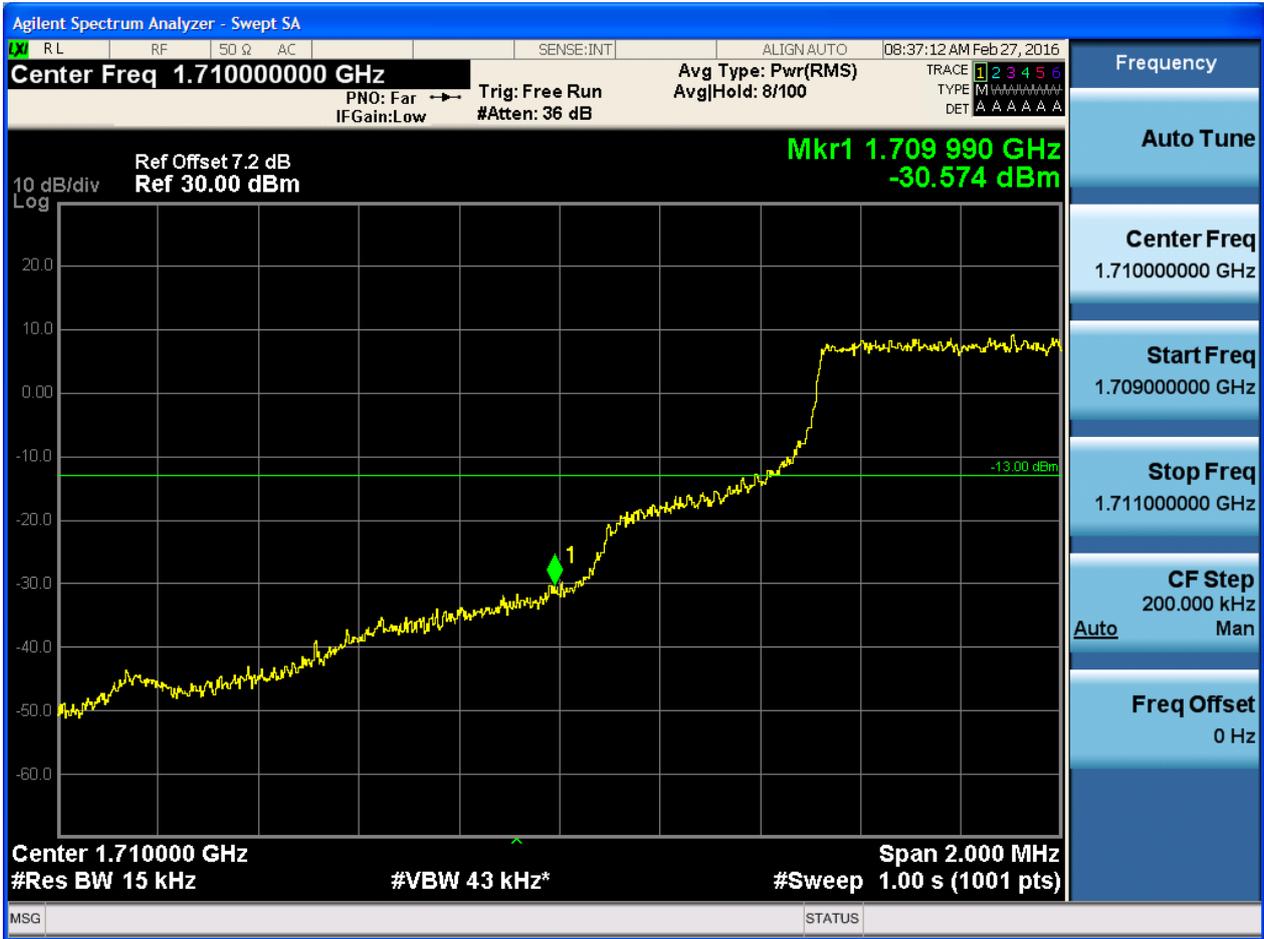


5.1.1.2.1.1.2 Test RB = RB1#5



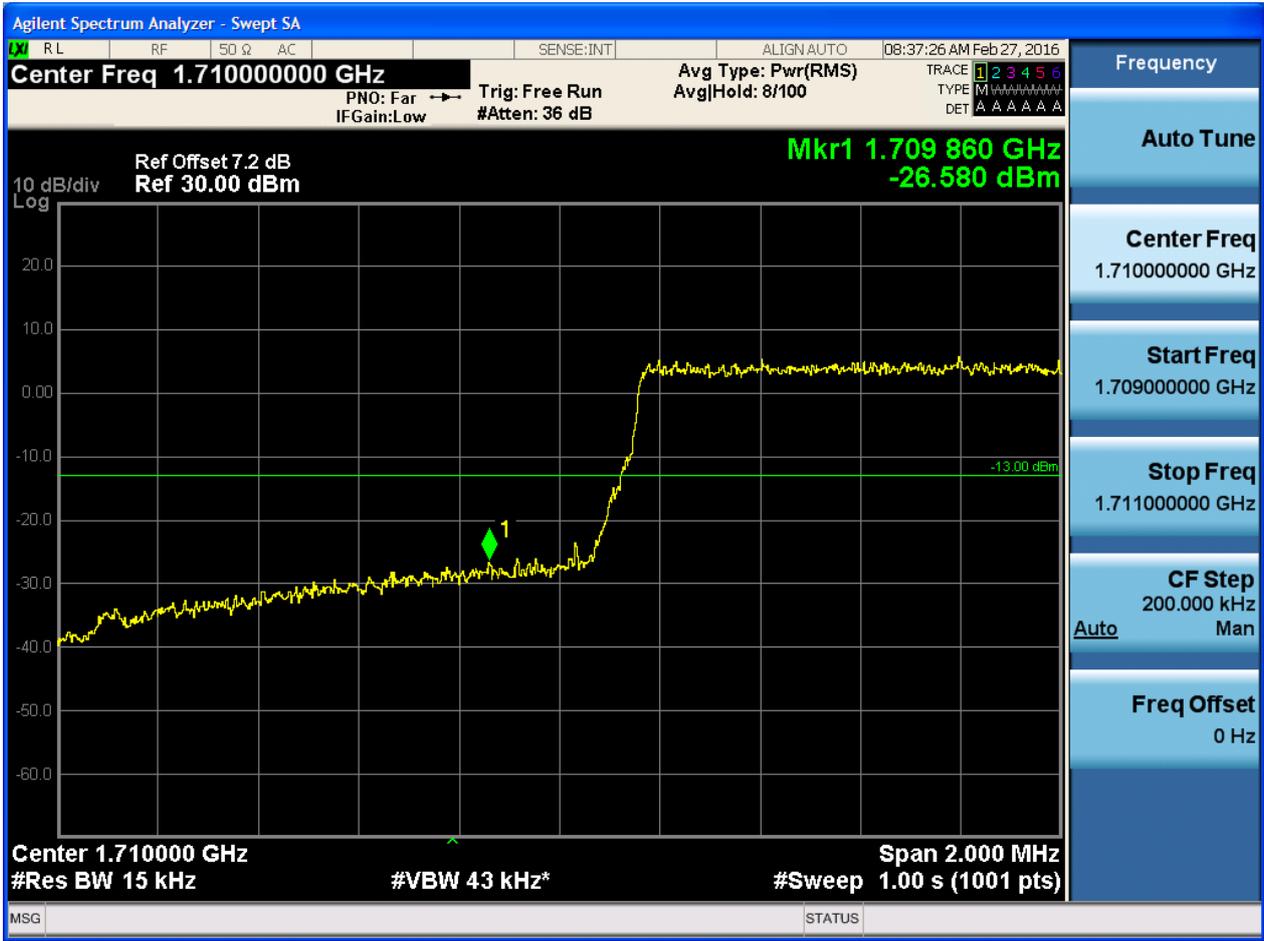


5.1.1.2.1.1.3 Test RB = RB3#2





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



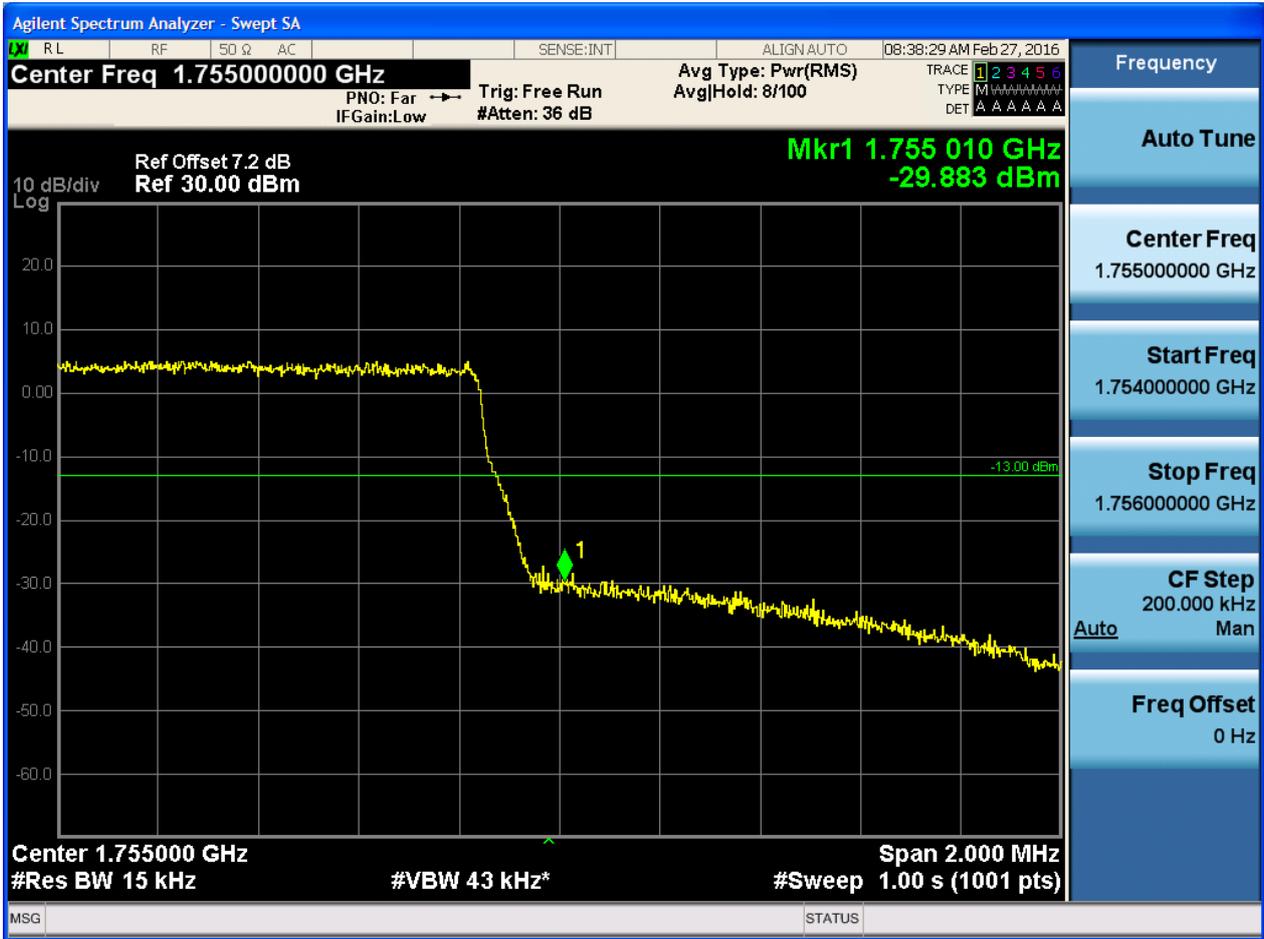


5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

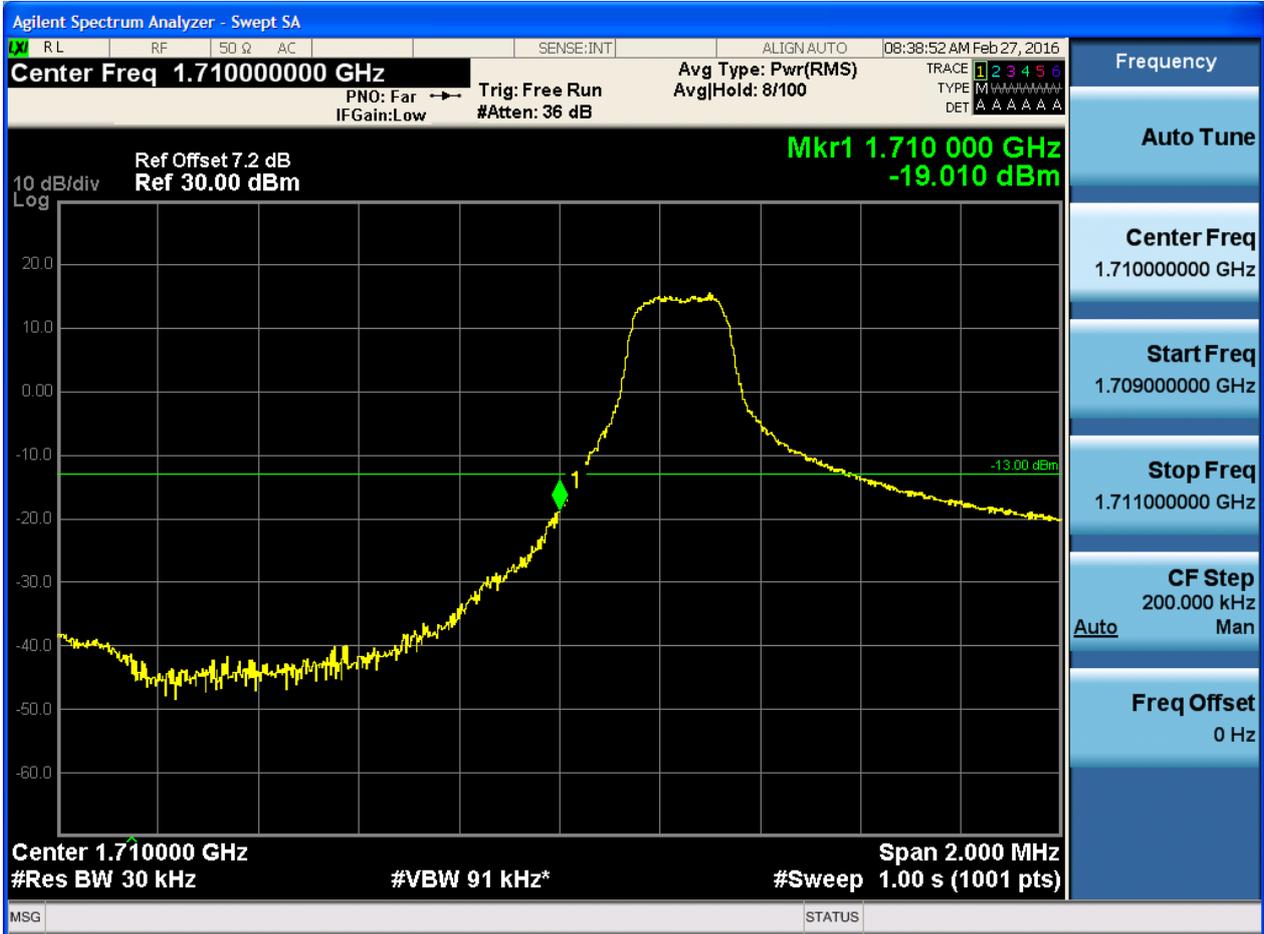




5.1.1.2.2 Test Bandwidth = 3

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

