



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 [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	22.36	22.06	30	PASS
				RB1#3	22.44	22.14	30	PASS
				RB1#5	22.35	22.05	30	PASS
				RB3#0	22.39	22.09	30	PASS
				RB3#2	22.43	22.13	30	PASS
				RB3#3	22.36	22.06	30	PASS
				RB6#0	21.45	21.15	30	PASS
			MCH	RB1#0	22.56	22.26	30	PASS
				RB1#3	22.45	22.15	30	PASS
				RB1#5	22.29	21.99	30	PASS
				RB3#0	22.49	22.19	30	PASS
				RB3#2	22.35	22.05	30	PASS
				RB3#3	22.27	21.97	30	PASS
				RB6#0	21.44	21.14	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.53	23.23	30	PASS
				RB1#3	23.58	23.28	30	PASS
				RB1#5	23.51	23.21	30	PASS
				RB3#0	23.51	23.21	30	PASS
				RB3#2	23.5	23.2	30	PASS
				RB3#3	23.45	23.15	30	PASS
				RB6#0	22.52	22.22	30	PASS
		3	LCH	RB1#0	22.27	21.97	30	PASS
				RB1#7	22.49	22.19	30	PASS
				RB1#14	22.33	22.03	30	PASS
				RB8#0	21.49	21.19	30	PASS
				RB8#4	21.49	21.19	30	PASS
				RB8#7	21.49	21.19	30	PASS
				RB15#0	21.5	21.2	30	PASS
				MCH	RB1#0	22.48	22.18	30
RB1#7	22.47	22.17	30		PASS			
RB1#14	22.27	21.97	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.62	21.32	30	PASS
				RB8#4	21.48	21.18	30	PASS
				RB8#7	21.37	21.07	30	PASS
				RB15#0	21.49	21.19	30	PASS
			HCH	RB1#0	23.44	23.14	30	PASS
				RB1#7	23.52	23.22	30	PASS
				RB1#14	23.33	23.03	30	PASS
				RB8#0	22.58	22.28	30	PASS
				RB8#4	22.52	22.22	30	PASS
				RB8#7	22.48	22.18	30	PASS
				RB15#0	22.49	22.19	30	PASS
				5	LCH	RB1#0	22.29	21.99
		RB1#13	22.72			22.42	30	PASS
		RB1#24	22.61			22.31	30	PASS
		RB12#0	21.55			21.25	30	PASS
		RB12#6	21.73			21.43	30	PASS
		RB12#13	21.79			21.49	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.67	21.37	30	PASS
			MCH	RB1#0	22.56	22.26	30	PASS
				RB1#13	22.37	22.07	30	PASS
				RB1#24	22.07	21.77	30	PASS
				RB12#0	21.73	21.43	30	PASS
				RB12#6	21.62	21.32	30	PASS
				RB12#13	21.41	21.11	30	PASS
				RB25#0	21.53	21.23	30	PASS
				HCH	RB1#0	23.42	23.12	30
			RB1#13		23.56	23.26	30	PASS
			RB1#24		23.24	22.94	30	PASS
			RB12#0		22.71	22.41	30	PASS
			RB12#6		22.7	22.4	30	PASS
			RB12#13		22.46	22.16	30	PASS
			RB25#0		22.5	22.2	30	PASS
		10	LCH	RB1#0	22.29	21.99	30	PASS
				RB1#25	23.02	22.72	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.18	22.88	30	PASS
				RB25#0	21.69	21.39	30	PASS
				RB25#13	22.11	21.81	30	PASS
				RB25#25	22.25	21.95	30	PASS
				RB50#0	21.94	21.64	30	PASS
			MCH	RB1#0	22.82	22.52	30	PASS
			MCH	RB1#25	22.49	22.19	30	PASS
			MCH	RB1#49	22.38	22.08	30	PASS
			MCH	RB25#0	21.77	21.47	30	PASS
			MCH	RB25#13	21.57	21.27	30	PASS
			MCH	RB25#25	21.46	21.16	30	PASS
			MCH	RB50#0	21.57	21.27	30	PASS
			HCH	RB1#0	23.01	22.71	30	PASS
			HCH	RB1#25	23.64	23.34	30	PASS
			HCH	RB1#49	23.39	23.09	30	PASS
			HCH	RB25#0	22.39	22.09	30	PASS
			HCH	RB25#13	22.57	22.27	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#25	22.51	22.21	30	PASS	
				RB50#0	22.41	22.11	30	PASS	
		15	LCH	RB1#0	22.45	22.15	30	PASS	
				RB1#38	23.42	23.12	30	PASS	
				RB1#74	23.21	22.91	30	PASS	
				RB38#0	22.02	21.72	30	PASS	
				RB38#19	22.34	22.04	30	PASS	
				RB38#39	22.42	22.12	30	PASS	
				RB75#0	22.18	21.88	30	PASS	
				MCH	RB1#0	23.11	22.81	30	PASS
					RB1#38	22.44	22.14	30	PASS
					RB1#74	22.45	22.15	30	PASS
					RB38#0	21.94	21.64	30	PASS
					RB38#19	21.73	21.43	30	PASS
					RB38#39	21.63	21.33	30	PASS
RB75#0	21.76	21.46	30		PASS				
HCH	RB1#0	22.61	22.31	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.5	23.2	30	PASS
				RB1#74	23.47	23.17	30	PASS
				RB38#0	22.06	21.76	30	PASS
				RB38#19	22.41	22.11	30	PASS
				RB38#39	22.54	22.24	30	PASS
				RB75#0	22.29	21.99	30	PASS
		20	LCH	RB1#0	22.4	22.1	30	PASS
				RB1#50	23.42	23.12	30	PASS
				RB1#99	22.76	22.46	30	PASS
				RB50#0	22.07	21.77	30	PASS
				RB50#25	22.36	22.06	30	PASS
				RB50#50	22.19	21.89	30	PASS
				RB100#0	22.1	21.8	30	PASS
			MCH	RB1#0	23.3	23	30	PASS
				RB1#50	22.51	22.21	30	PASS
				RB1#99	22.71	22.41	30	PASS
				RB50#0	22.05	21.75	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.76	21.46	30	PASS
				RB50#50	21.69	21.39	30	PASS
				RB100#0	21.87	21.57	30	PASS
			HCH	RB1#0	22.49	22.19	30	PASS
				RB1#50	23.18	22.88	30	PASS
				RB1#99	23.45	23.15	30	PASS
				RB50#0	21.79	21.49	30	PASS
				RB50#25	22.12	21.82	30	PASS
				RB50#50	22.42	22.12	30	PASS
				RB100#0	22.11	21.81	30	PASS
				LCH	RB1#0	21.63	21.33	30
			RB1#3		21.72	21.42	30	PASS
			RB1#5		21.62	21.32	30	PASS
			RB3#0		21.56	21.26	30	PASS
			RB3#2		21.54	21.24	30	PASS
RB3#3	21.5	21.2	30		PASS			
RB6#0	21.07	20.77	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.65	21.35	30	PASS
				RB1#3	21.58	21.28	30	PASS
				RB1#5	21.34	21.04	30	PASS
				RB3#0	21.67	21.37	30	PASS
				RB3#2	21.56	21.26	30	PASS
				RB3#3	21.45	21.15	30	PASS
			RB6#0	21.12	20.82	30	PASS	
			HCH	RB1#0	22.66	22.36	30	PASS
				RB1#3	22.75	22.45	30	PASS
				RB1#5	22.67	22.37	30	PASS
				RB3#0	22.65	22.35	30	PASS
				RB3#2	22.64	22.34	30	PASS
		RB3#3		22.61	22.31	30	PASS	
		3	LCH	RB1#0	21.49	21.19	30	PASS
				RB1#7	21.71	21.41	30	PASS
				RB1#14	21.58	21.28	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.04	20.74	30	PASS
				RB8#4	21.05	20.75	30	PASS
				RB8#7	21.06	20.76	30	PASS
				RB15#0	21.07	20.77	30	PASS
			MCH	RB1#0	21.76	21.46	30	PASS
				RB1#7	21.73	21.43	30	PASS
				RB1#14	21.42	21.12	30	PASS
				RB8#0	21.13	20.83	30	PASS
				RB8#4	21.03	20.73	30	PASS
				RB8#7	20.89	20.59	30	PASS
				RB15#0	21	20.7	30	PASS
				HCH	RB1#0	22.64	22.34	30
			RB1#7		22.59	22.29	30	PASS
			RB1#14		22.37	22.07	30	PASS
			RB8#0		22.13	21.83	30	PASS
			RB8#4		22.06	21.76	30	PASS
			RB8#7		22	21.7	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	22.02	21.72	30	PASS
		5	LCH	RB1#0	21.48	21.18	30	PASS
				RB1#13	21.98	21.68	30	PASS
				RB1#24	21.87	21.57	30	PASS
				RB12#0	21.19	20.89	30	PASS
				RB12#6	21.39	21.09	30	PASS
				RB12#13	21.42	21.12	30	PASS
				RB25#0	21.23	20.93	30	PASS
				MCH	RB1#0	21.72	21.42	30
			RB1#13		21.59	21.29	30	PASS
			RB1#24		21.22	20.92	30	PASS
			RB12#0		21.27	20.97	30	PASS
			RB12#6		21.19	20.89	30	PASS
			RB12#13		20.96	20.66	30	PASS
			RB25#0		21.09	20.79	30	PASS
			HCH	RB1#0	22.8	22.5	30	PASS
		RB1#13		23.03	22.73	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.68	22.38	30	PASS
				RB12#0	22.23	21.93	30	PASS
				RB12#6	22.3	22	30	PASS
				RB12#13	22.1	21.8	30	PASS
				RB25#0	22.07	21.77	30	PASS
		10	LCH	RB1#0	21.46	21.16	30	PASS
				RB1#25	22.13	21.83	30	PASS
				RB1#49	22.22	21.92	30	PASS
				RB25#0	21.29	20.99	30	PASS
				RB25#13	21.59	21.29	30	PASS
				RB25#25	21.69	21.39	30	PASS
				RB50#0	21.5	21.2	30	PASS
			MCH	RB1#0	21.76	21.46	30	PASS
				RB1#25	21.84	21.54	30	PASS
				RB1#49	21.47	21.17	30	PASS
				RB25#0	21.32	21.02	30	PASS
				RB25#13	21.13	20.83	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.02	20.72	30	PASS
				RB50#0	21.11	20.81	30	PASS
			HCH	RB1#0	22.25	21.95	30	PASS
				RB1#25	22.78	22.48	30	PASS
				RB1#49	22.52	22.22	30	PASS
				RB25#0	21.85	21.55	30	PASS
				RB25#13	22.03	21.73	30	PASS
				RB25#25	22.08	21.78	30	PASS
				RB50#0	21.87	21.57	30	PASS
				15	LCH	RB1#0	21.7	21.4
		RB1#38	22.53			22.23	30	PASS
		RB1#74	22.31			22.01	30	PASS
		RB38#0	21.78			21.48	30	PASS
		RB38#19	22			21.7	30	PASS
		RB38#39	22.14			21.84	30	PASS
RB75#0	21.9	21.6	30			PASS		
MCH	RB1#0	22.28	21.98	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.66	21.36	30	PASS
				RB1#74	21.61	21.31	30	PASS
				RB38#0	21.52	21.22	30	PASS
				RB38#19	21.31	21.01	30	PASS
				RB38#39	21.21	20.91	30	PASS
				RB75#0	21.28	20.98	30	PASS
			HCH	RB1#0	21.92	21.62	30	PASS
				RB1#38	22.79	22.49	30	PASS
				RB1#74	22.74	22.44	30	PASS
				RB38#0	21.54	21.24	30	PASS
				RB38#19	21.88	21.58	30	PASS
				RB38#39	22.11	21.81	30	PASS
		20	LCH	RB1#0	21.76	21.46	30	PASS
				RB1#50	22.75	22.45	30	PASS
				RB1#99	22.06	21.76	30	PASS
				RB50#0	21.6	21.3	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.8	21.5	30	PASS
				RB50#50	21.73	21.43	30	PASS
				RB100#0	21.63	21.33	30	PASS
			MCH	RB1#0	22.32	22.02	30	PASS
				RB1#50	21.57	21.27	30	PASS
				RB1#99	21.74	21.44	30	PASS
				RB50#0	21.49	21.19	30	PASS
				RB50#25	21.2	20.9	30	PASS
				RB50#50	21.14	20.84	30	PASS
				RB100#0	21.34	21.04	30	PASS
			HCH	RB1#0	21.76	21.46	30	PASS
				RB1#50	22.37	22.07	30	PASS
				RB1#99	22.7	22.4	30	PASS
				RB50#0	21.25	20.95	30	PASS
				RB50#25	21.55	21.25	30	PASS
				RB50#50	21.87	21.57	30	PASS
				RB100#0	21.55	21.25	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	5.38	13	PASS
				RB1#3	5.45	13	PASS
				RB1#5	5.4	13	PASS
				RB3#0	5.7	13	PASS
				RB3#2	5.71	13	PASS
				RB3#3	5.68	13	PASS
				RB6#0	5.95	13	PASS
			MCH	RB1#0	5.36	13	PASS
				RB1#3	5.43	13	PASS
				RB1#5	5.32	13	PASS
				RB3#0	5.59	13	PASS
				RB3#2	5.56	13	PASS
				RB3#3	5.6	13	PASS
				RB6#0	6.13	13	PASS
		HCH	RB1#0	5.08	13	PASS	
			RB1#3	5.05	13	PASS	
			RB1#5	5.09	13	PASS	
			RB3#0	5.47	13	PASS	
			RB3#2	5.45	13	PASS	
			RB3#3	5.5	13	PASS	
			RB6#0	5.97	13	PASS	
		3	LCH	RB1#0	5.13	13	PASS
				RB1#7	4.96	13	PASS
				RB1#14	5.37	13	PASS
				RB8#0	6.02	13	PASS
				RB8#4	6.11	13	PASS
				RB8#7	6.02	13	PASS
				RB15#0	5.86	13	PASS
MCH	RB1#0		5.21	13	PASS		
	RB1#7		4.89	13	PASS		
	RB1#14		5.31	13	PASS		
	RB8#0		6.08	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	6.14	13	PASS	
				RB8#7	5.98	13	PASS	
				RB15#0	6.06	13	PASS	
			HCH	RB1#0	5.23	13	PASS	
				RB1#7	5.04	13	PASS	
				RB1#14	5.21	13	PASS	
				RB8#0	6.01	13	PASS	
				RB8#4	6	13	PASS	
				RB8#7	6.04	13	PASS	
			RB15#0	5.91	13	PASS		
			5	LCH	RB1#0	5.31	13	PASS
					RB1#13	5.32	13	PASS
					RB1#24	5.34	13	PASS
					RB12#0	6.25	13	PASS
					RB12#6	6.22	13	PASS
		RB12#13			6.14	13	PASS	
		RB25#0		6.34	13	PASS		
		MCH		RB1#0	5.42	13	PASS	
				RB1#13	5.52	13	PASS	
				RB1#24	5.48	13	PASS	
				RB12#0	6.2	13	PASS	
				RB12#6	6.12	13	PASS	
				RB12#13	6.18	13	PASS	
		RB25#0		6.46	13	PASS		
		HCH		RB1#0	5.33	13	PASS	
				RB1#13	5.19	13	PASS	
				RB1#24	5.28	13	PASS	
				RB12#0	6.11	13	PASS	
			RB12#6	6.05	13	PASS		
			RB12#13	6.2	13	PASS		
		RB25#0	6.13	13	PASS			
		10	LCH	RB1#0	5.28	13	PASS	
				RB1#25	5.16	13	PASS	
RB1#49	5.26			13	PASS			
RB25#0	6.27			13	PASS			
RB25#13	6.22			13	PASS			
RB25#25	6.09			13	PASS			
RB50#0	6.23		13	PASS				
MCH	RB1#0	5.21	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#25	5.33	13	PASS	
				RB1#49	5.37	13	PASS	
				RB25#0	6.4	13	PASS	
				RB25#13	6.44	13	PASS	
				RB25#25	6.4	13	PASS	
				RB50#0	6.39	13	PASS	
			HCH	RB1#0	5.11	13	PASS	
				RB1#25	4.81	13	PASS	
				RB1#49	5.21	13	PASS	
				RB25#0	6.07	13	PASS	
				RB25#13	6.21	13	PASS	
				RB25#25	6.18	13	PASS	
				LCH	RB1#0	5.01	13	PASS
					RB1#38	4.82	13	PASS
		RB1#74			4.94	13	PASS	
		RB38#0			6.37	13	PASS	
		RB38#19			6.4	13	PASS	
		RB38#39			6.32	13	PASS	
		MCH		RB75#0	6.5	13	PASS	
				RB1#0	5.45	13	PASS	
				RB1#38	5.5	13	PASS	
				RB1#74	5.49	13	PASS	
				RB38#0	6.34	13	PASS	
				RB38#19	6.4	13	PASS	
		HCH		RB38#39	6.28	13	PASS	
				RB75#0	6.74	13	PASS	
			RB1#0	5.14	13	PASS		
			RB1#38	5.12	13	PASS		
			RB1#74	5.16	13	PASS		
			RB38#0	6.2	13	PASS		
			LCH	RB38#19	6.27	13	PASS	
				RB38#39	6.18	13	PASS	
RB75#0	6.61			13	PASS			
RB1#0	5.45			13	PASS			
RB1#50	5.15			13	PASS			
	LCH	RB1#99	5.77	13	PASS			
		RB50#0	6.42	13	PASS			
		RB50#25	6.4	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#50	6.39	13	PASS	
				RB100#0	6.54	13	PASS	
			MCH	RB1#0	5.47	13	PASS	
				RB1#50	5.26	13	PASS	
				RB1#99	5.41	13	PASS	
				RB50#0	6.51	13	PASS	
				RB50#25	6.57	13	PASS	
				RB50#50	6.48	13	PASS	
			HCH	RB100#0	6.59	13	PASS	
				RB1#0	5.42	13	PASS	
				RB1#50	5.37	13	PASS	
				RB1#99	5.23	13	PASS	
				RB50#0	6.3	13	PASS	
				RB50#25	6.46	13	PASS	
	LTE/TM2	1.4		LCH	RB50#50	6.28	13	PASS
					RB100#0	6.47	13	PASS
					RB1#0	6.02	13	PASS
					RB1#3	6.17	13	PASS
					RB1#5	5.94	13	PASS
					RB3#0	6.06	13	PASS
					RB3#2	6.2	13	PASS
				MCH	RB3#3	6.22	13	PASS
					RB6#0	6.61	13	PASS
					RB1#0	5.67	13	PASS
					RB1#3	5.74	13	PASS
					RB1#5	5.7	13	PASS
					RB3#0	6.17	13	PASS
					RB3#2	6.45	13	PASS
		HCH	RB3#3	6.17	13	PASS		
			RB6#0	6.51	13	PASS		
RB1#0	5.68		13	PASS				
RB1#3	5.82		13	PASS				
RB1#5	5.66		13	PASS				
RB3#0	6.09		13	PASS				
RB3#2	6.08		13	PASS				
3	LCH	RB3#3	6.08	13	PASS			
		RB6#0	6.6	13	PASS			
			LCH	RB1#0	5.88	13	PASS	
			LCH	RB1#7	5.76	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
		5		RB1#14	6.18	13	PASS	
				RB8#0	6.4	13	PASS	
				RB8#4	6.52	13	PASS	
				RB8#7	6.3	13	PASS	
				RB15#0	6.76	13	PASS	
			MCH	RB1#0	6.22	13	PASS	
				RB1#7	5.96	13	PASS	
				RB1#14	6.16	13	PASS	
				RB8#0	6.44	13	PASS	
				RB8#4	6.55	13	PASS	
				RB8#7	6.4	13	PASS	
				RB15#0	6.7	13	PASS	
			HCH	RB1#0	5.56	13	PASS	
				RB1#7	5.45	13	PASS	
				RB1#14	5.62	13	PASS	
				RB8#0	6.19	13	PASS	
				RB8#4	6.37	13	PASS	
				RB8#7	6.36	13	PASS	
				RB15#0	6.54	13	PASS	
			5	LCH	RB1#0	6.27	13	PASS
					RB1#13	6.38	13	PASS
		RB1#24			6.12	13	PASS	
		RB12#0			6.65	13	PASS	
		RB12#6			6.58	13	PASS	
		RB12#13			6.54	13	PASS	
		RB25#0			7	13	PASS	
		MCH		RB1#0	6.11	13	PASS	
				RB1#13	6.2	13	PASS	
				RB1#24	6.05	13	PASS	
				RB12#0	6.6	13	PASS	
				RB12#6	6.83	13	PASS	
				RB12#13	6.6	13	PASS	
				RB25#0	6.81	13	PASS	
HCH	RB1#0	5.79		13	PASS			
	RB1#13	5.79		13	PASS			
	RB1#24	5.81		13	PASS			
	RB12#0	6.32		13	PASS			
	RB12#6	6.41		13	PASS			
	RB12#13	6.39		13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	6.65	13	PASS
				RB1#0	6.08	13	PASS
				RB1#25	6.52	13	PASS
				RB1#49	6.34	13	PASS
				RB25#0	6.68	13	PASS
				RB25#13	6.75	13	PASS
				RB25#25	6.52	13	PASS
			RB50#0	6.96	13	PASS	
			MCH	RB1#0	6.03	13	PASS
				RB1#25	6.08	13	PASS
				RB1#49	6.06	13	PASS
				RB25#0	6.8	13	PASS
				RB25#13	7.02	13	PASS
				RB25#25	6.79	13	PASS
				RB50#0	7.06	13	PASS
			HCH	RB1#0	5.74	13	PASS
				RB1#25	5.87	13	PASS
				RB1#49	5.94	13	PASS
				RB25#0	6.7	13	PASS
				RB25#13	6.77	13	PASS
				RB25#25	6.74	13	PASS
		RB50#0		7.06	13	PASS	
		15	LCH	RB1#0	6.01	13	PASS
				RB1#38	6.27	13	PASS
				RB1#74	6.16	13	PASS
				RB38#0	6.76	13	PASS
				RB38#19	6.95	13	PASS
				RB38#39	6.78	13	PASS
				RB75#0	7.19	13	PASS
			MCH	RB1#0	6.22	13	PASS
				RB1#38	6.56	13	PASS
				RB1#74	6.37	13	PASS
				RB38#0	6.97	13	PASS
				RB38#19	7.14	13	PASS
				RB38#39	6.93	13	PASS
				RB75#0	7.34	13	PASS
HCH	RB1#0		5.86	13	PASS		
	RB1#38	5.7	13	PASS			
	RB1#74	5.66	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB38#0	6.85	13	PASS		
				RB38#19	6.95	13	PASS		
				RB38#39	6.75	13	PASS		
				RB75#0	7.25	13	PASS		
				20	LCH	RB1#0	6.02	13	PASS
						RB1#50	6.15	13	PASS
						RB1#99	6.3	13	PASS
						RB50#0	6.87	13	PASS
						RB50#25	6.96	13	PASS
						RB50#50	6.95	13	PASS
						RB100#0	7.45	13	PASS
						MCH	RB1#0	6.01	13
					RB1#50		6.3	13	PASS
					RB1#99		6.14	13	PASS
					RB50#0		6.94	13	PASS
					RB50#25		7.05	13	PASS
					RB50#50		6.83	13	PASS
					HCH	RB100#0	7.17	13	PASS
						RB1#0	6.44	13	PASS
						RB1#50	6.39	13	PASS
						RB1#99	5.87	13	PASS
						RB50#0	6.72	13	PASS
						RB50#25	6.88	13	PASS
					RB50#50	6.65	13	PASS	
					RB100#0	7.25	13	PASS	

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

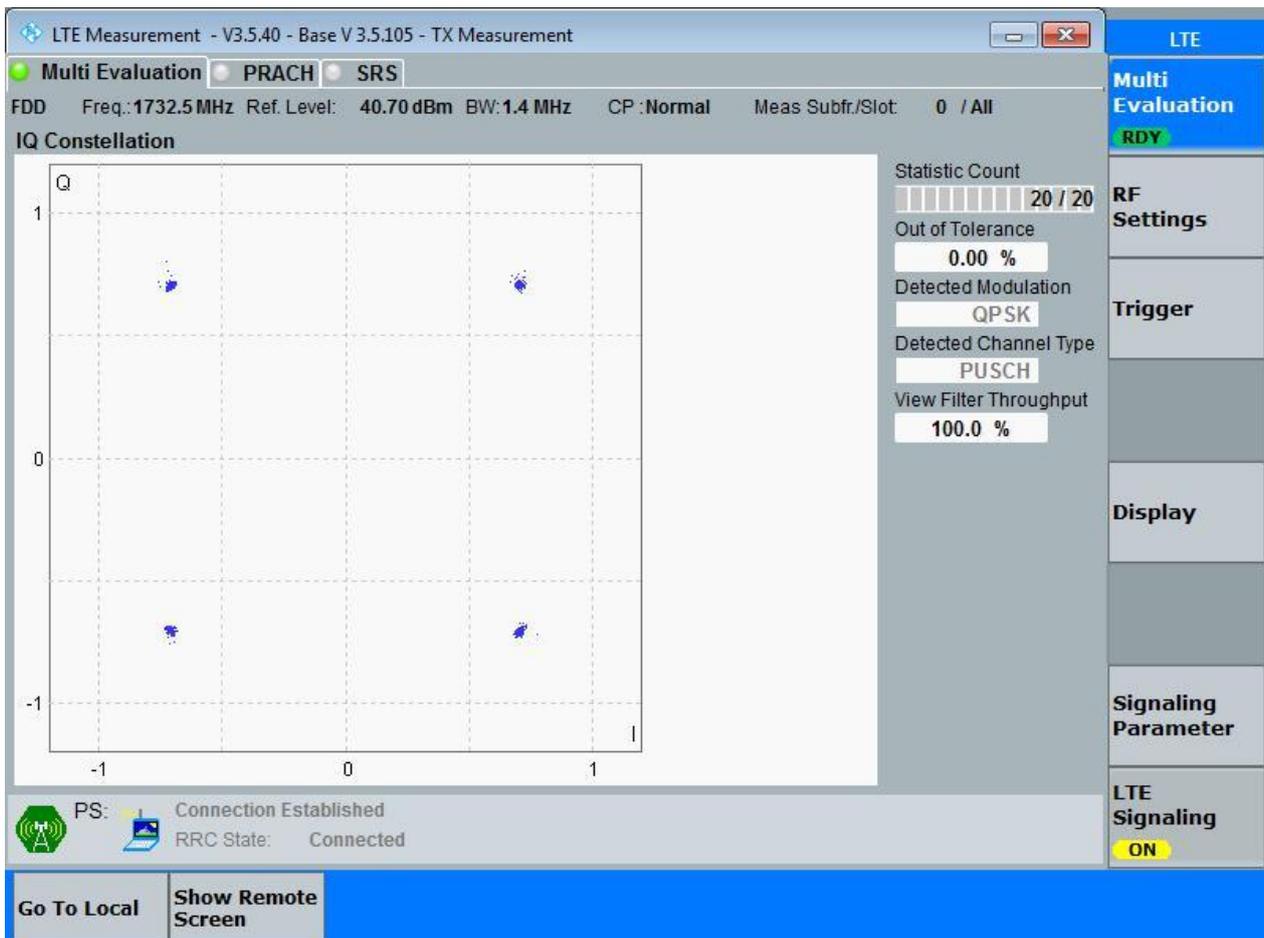
3.1.1 Test Band = BAND4

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

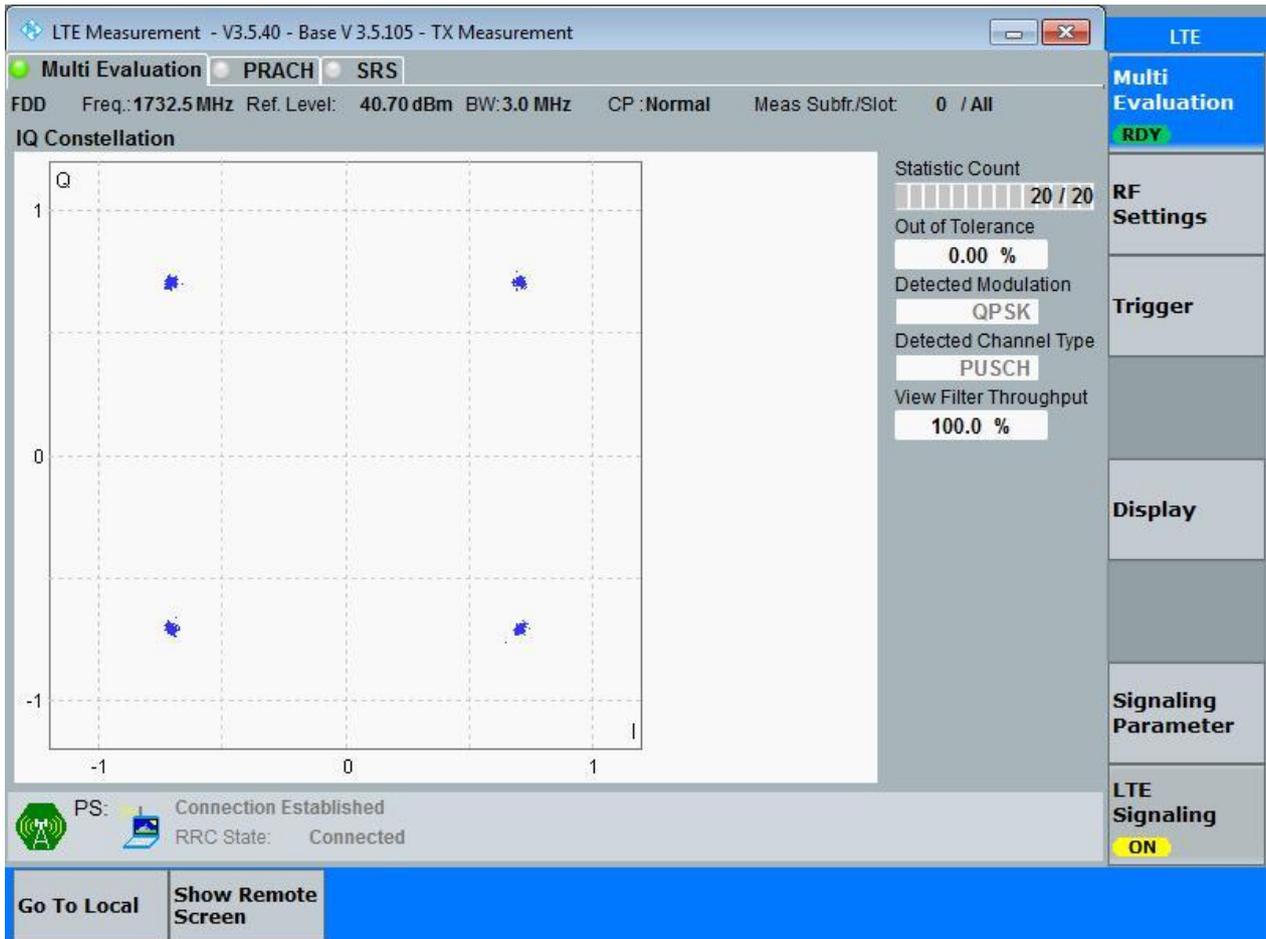
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

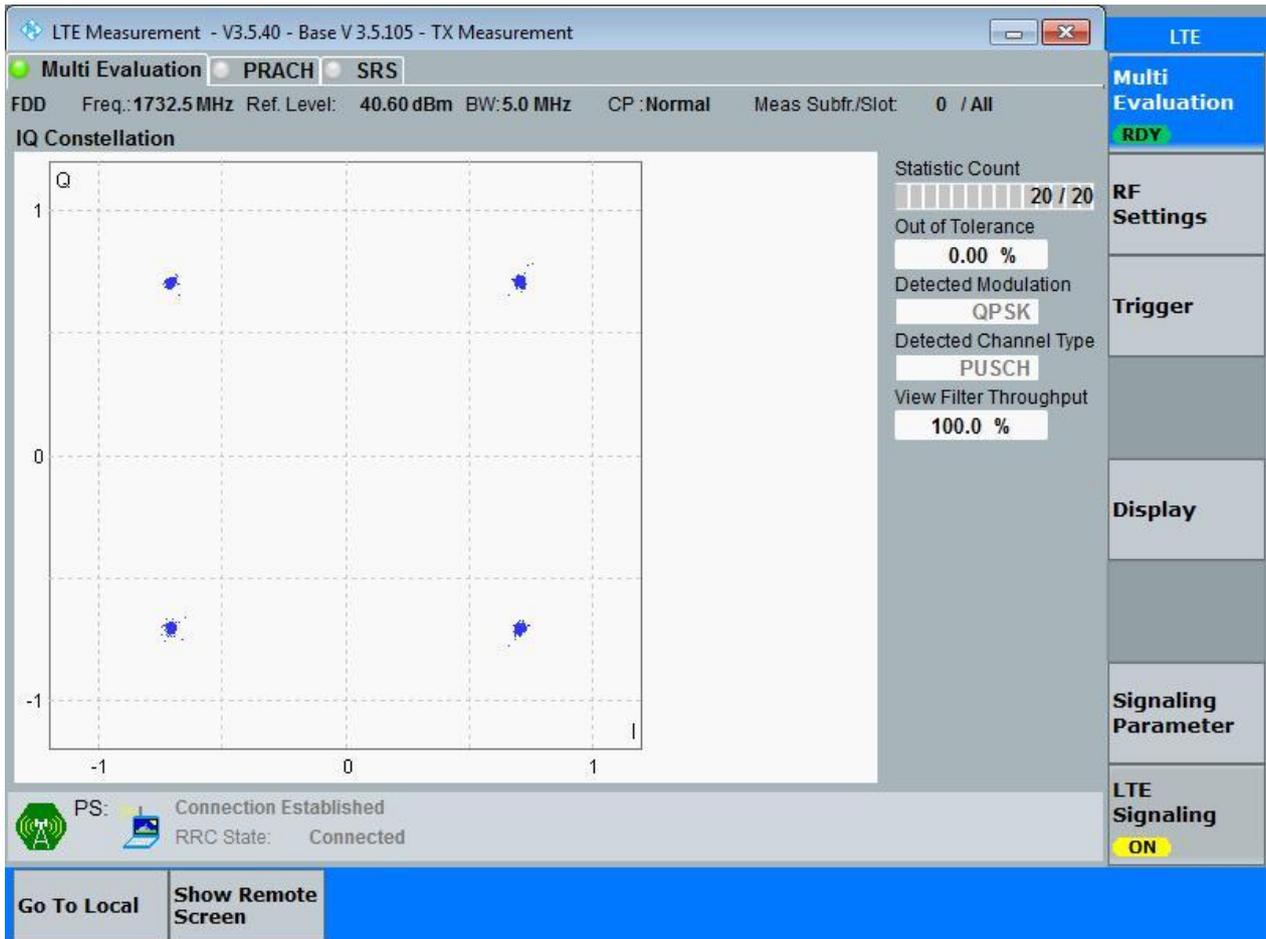
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

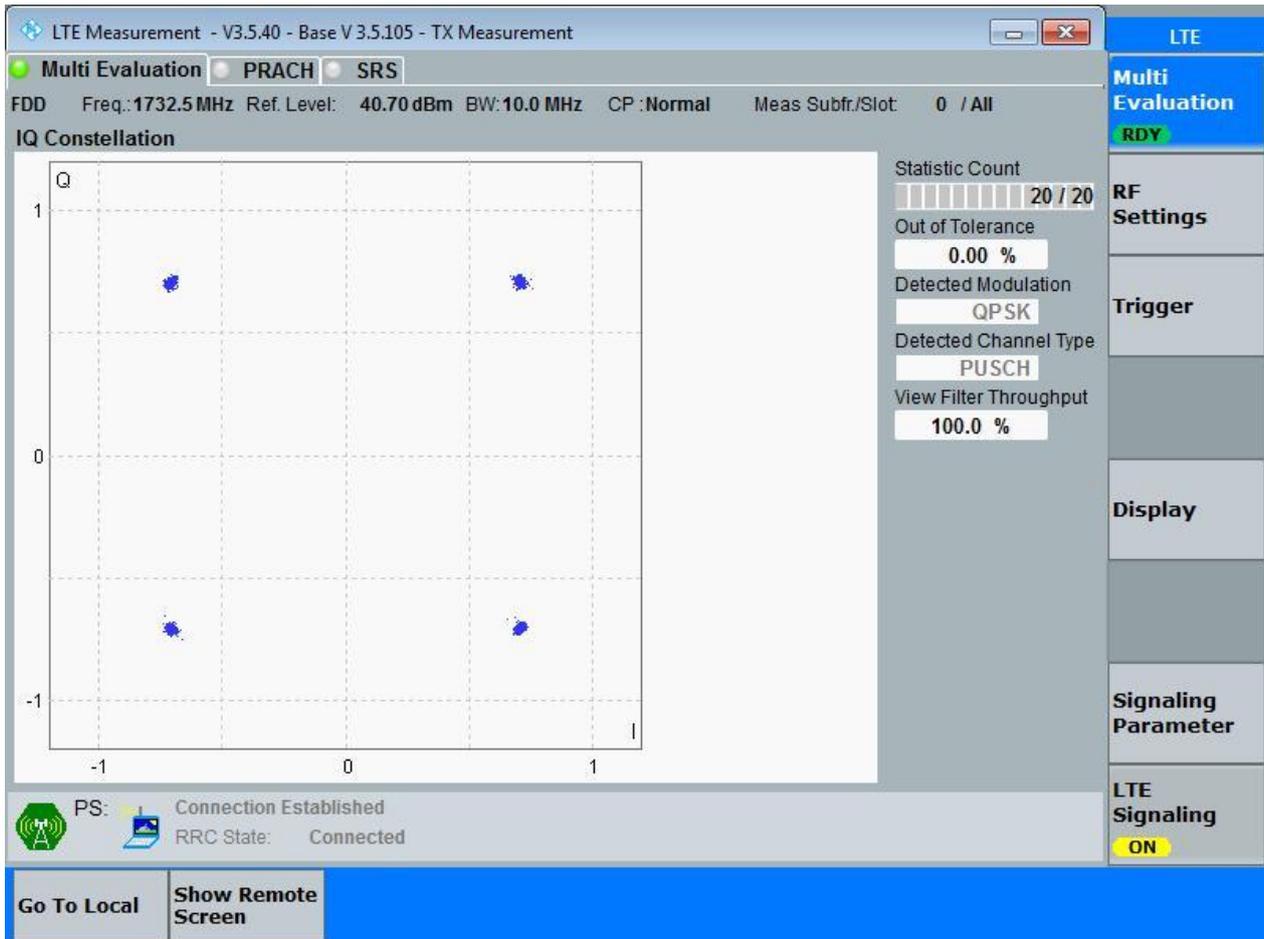
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

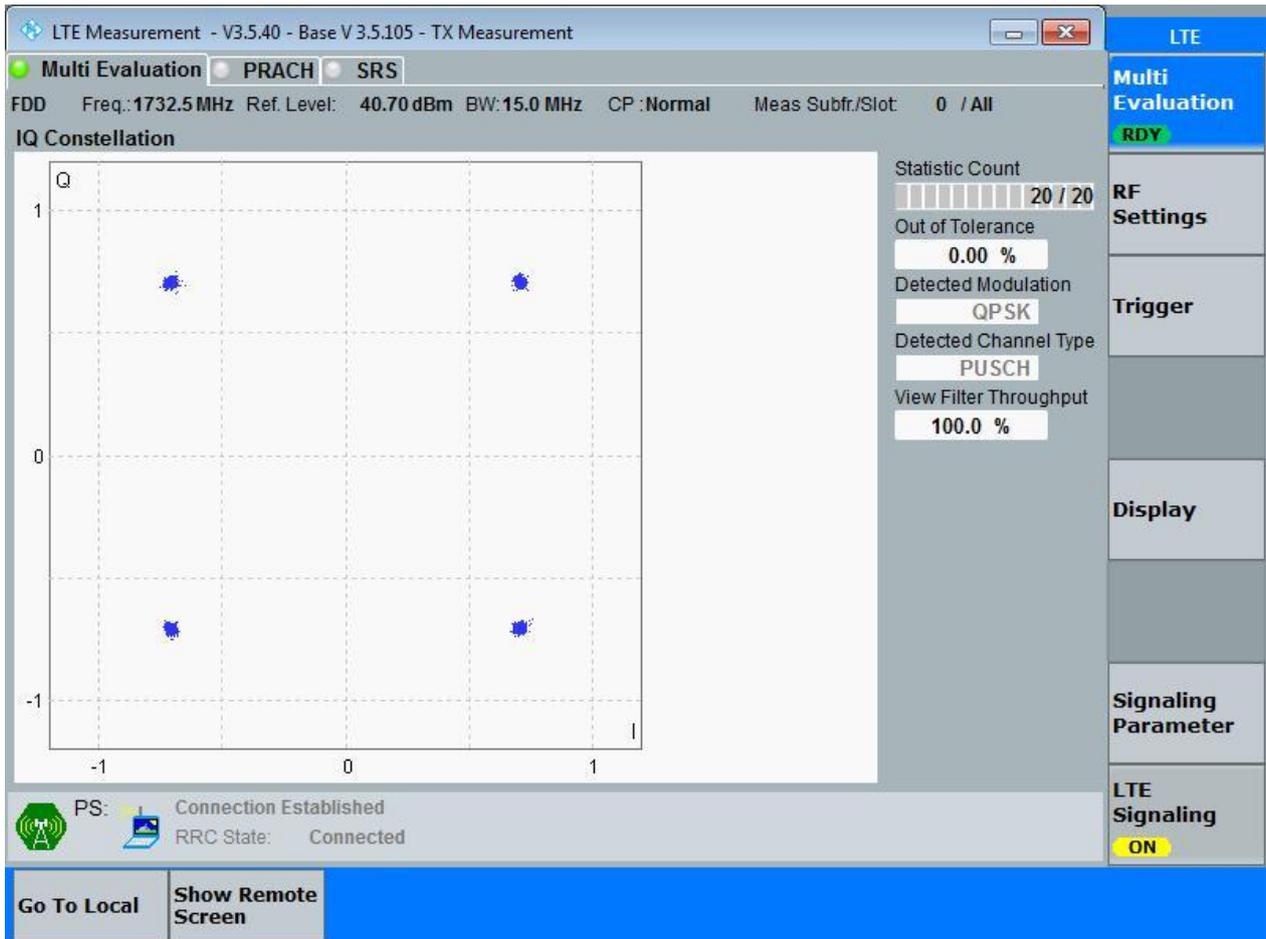
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

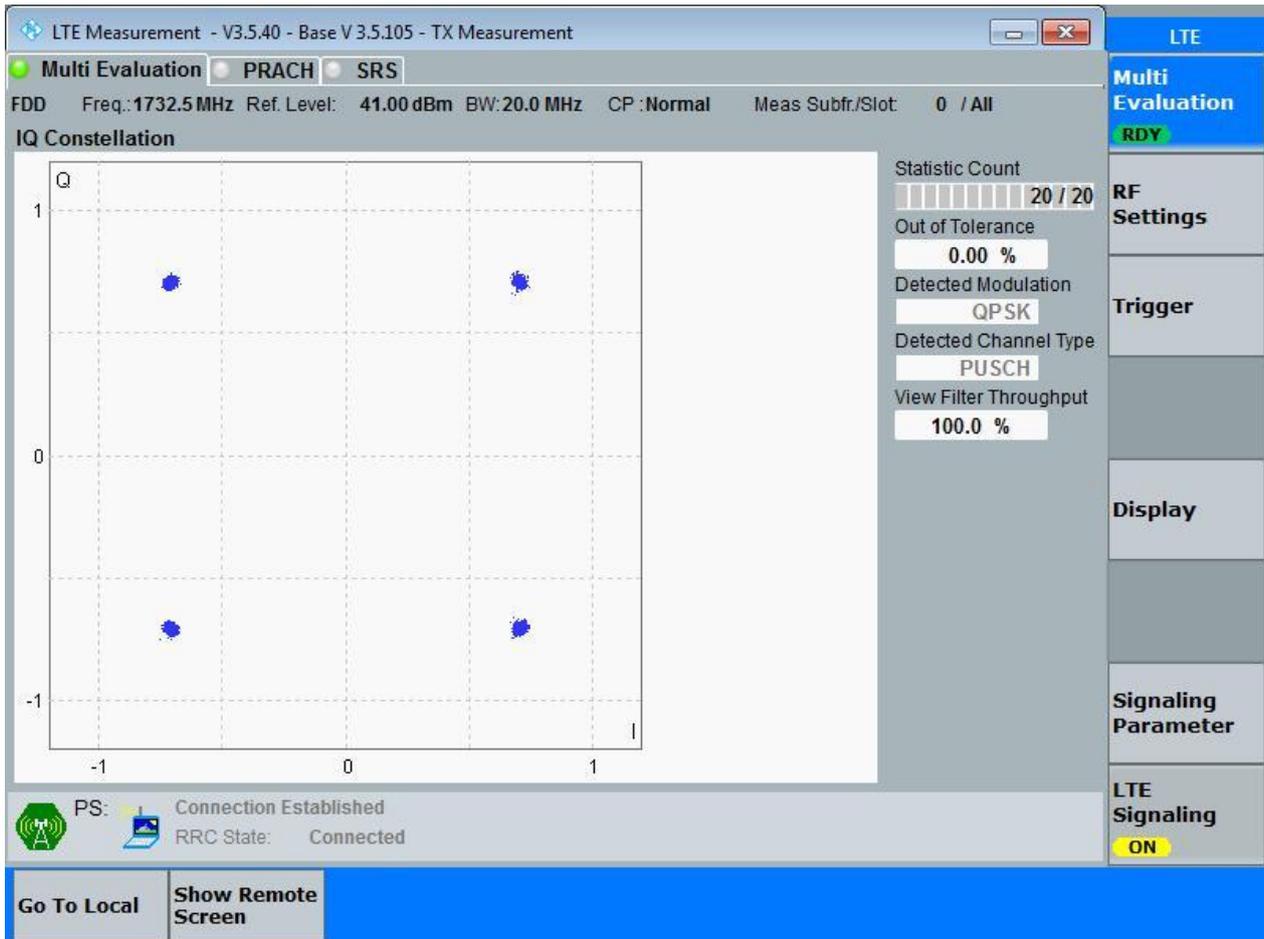
3.1.1.1.5.1.1 Test RB = RB75#0



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

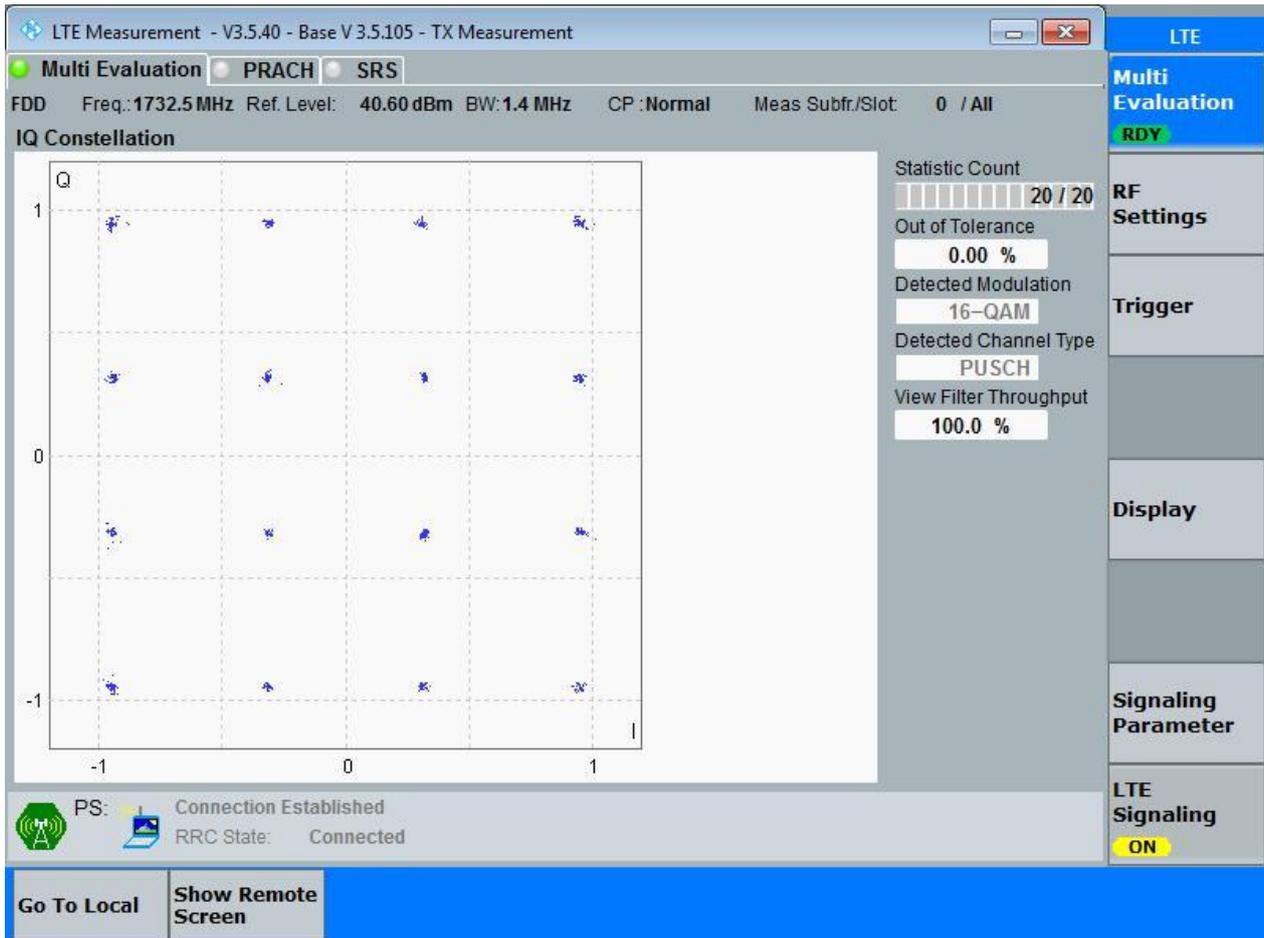


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

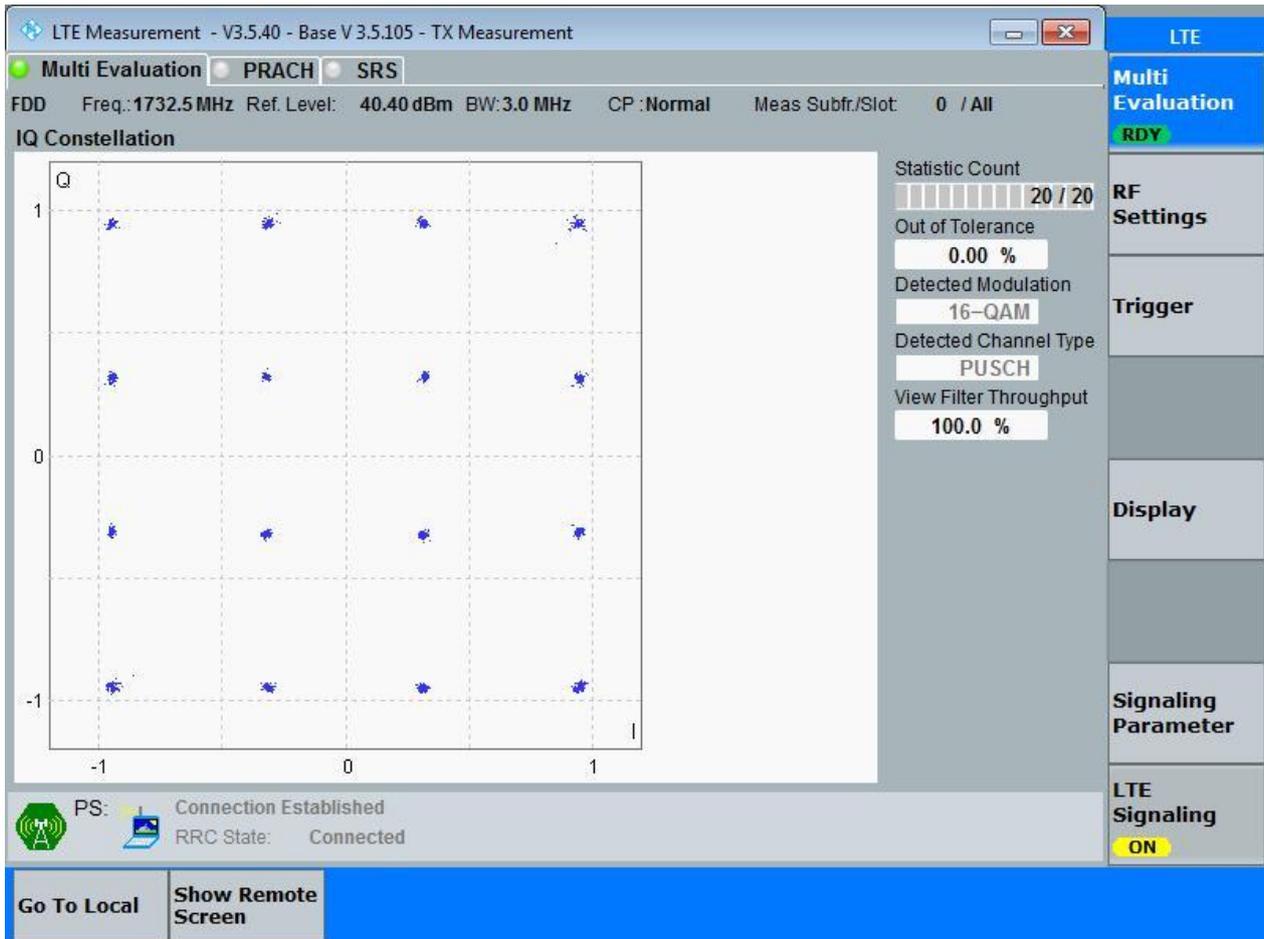
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

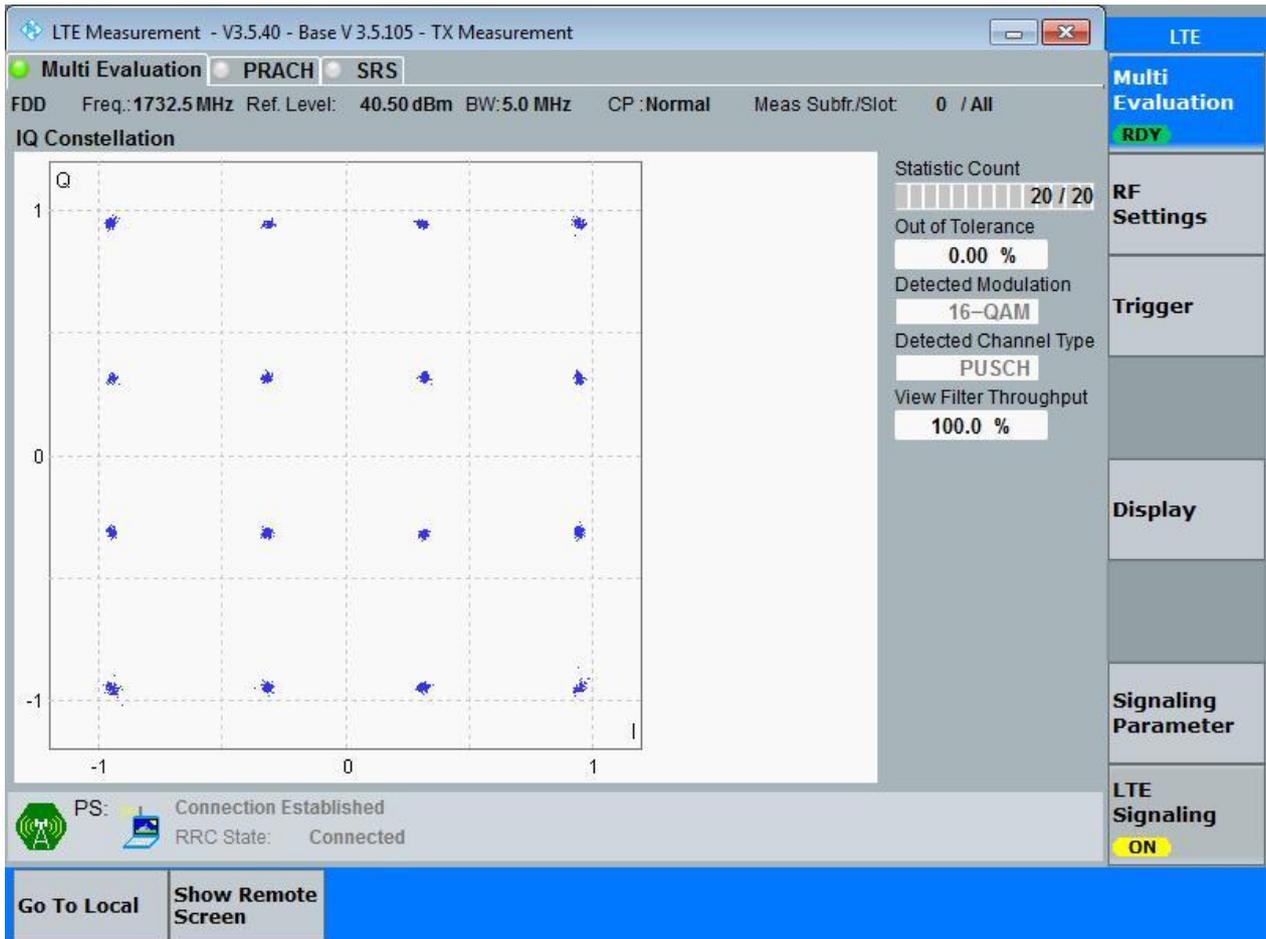
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

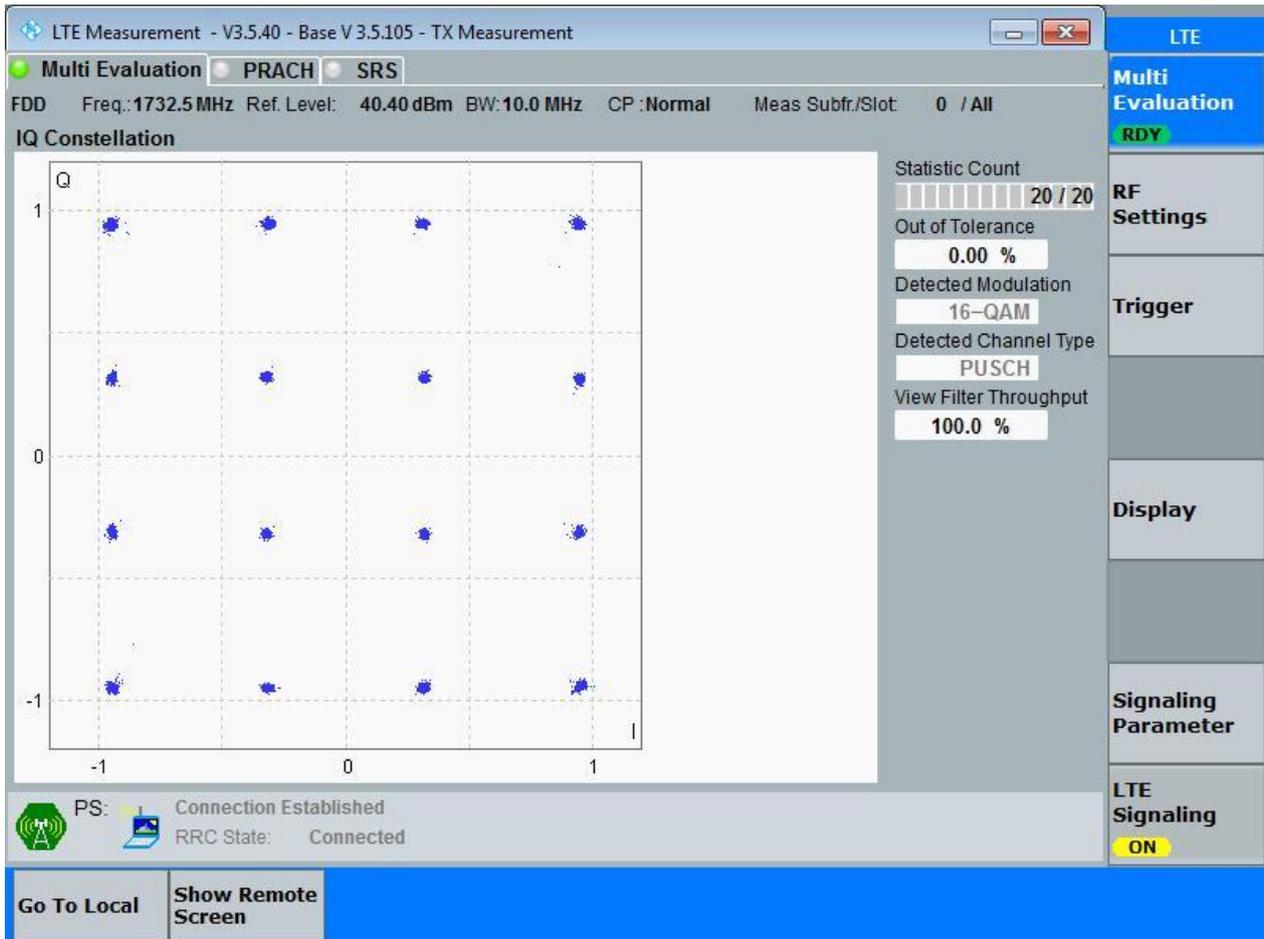
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

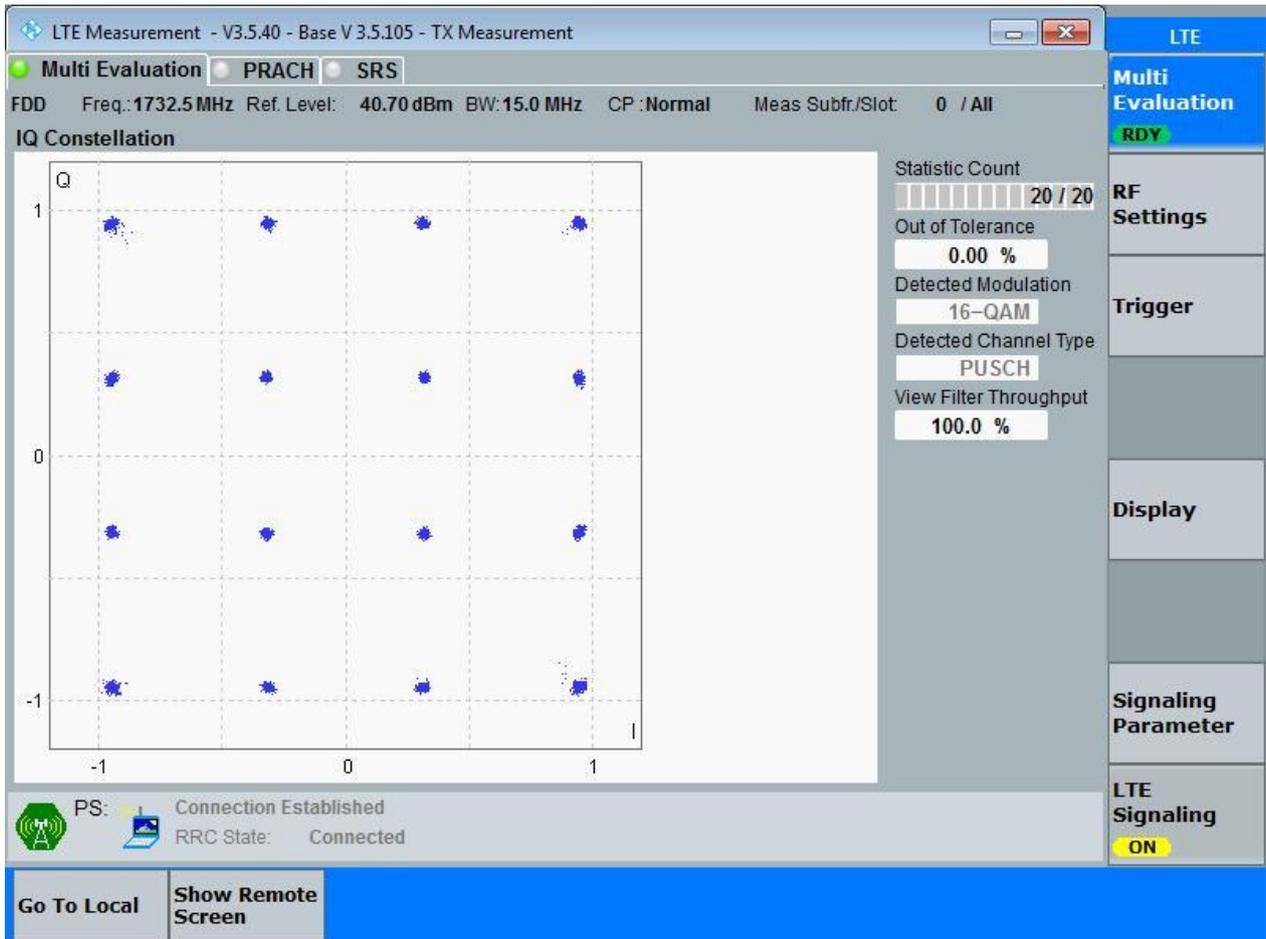
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

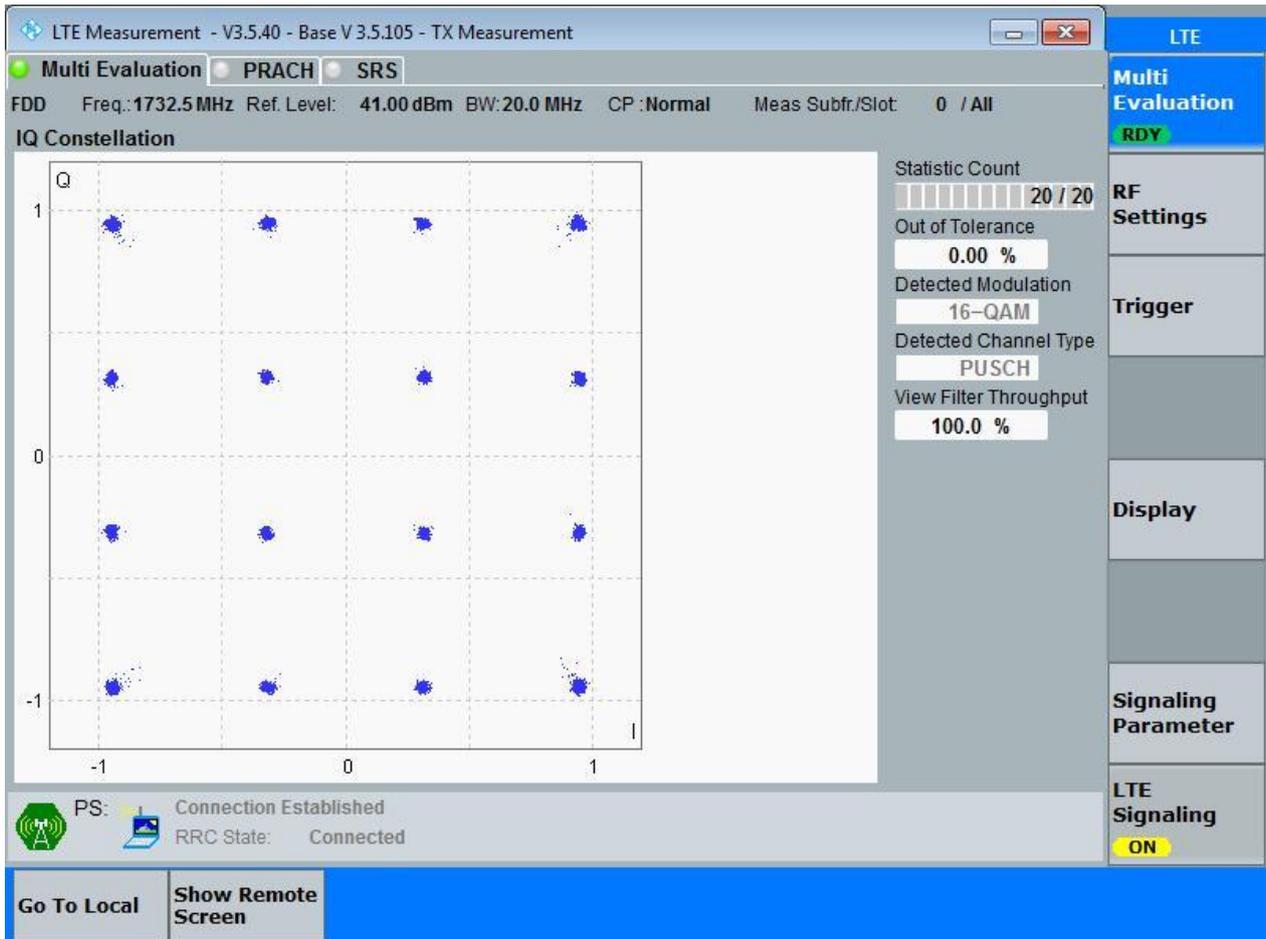
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.23	Pass
			HCH	RB6#0	1.09	1.22	Pass
		3	LCH	RB15#0	2.71	2.92	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.49	4.84	Pass
		10	LCH	RB50#0	8.99	9.62	Pass
			MCH	RB50#0	9.00	9.67	Pass
			HCH	RB50#0	8.99	9.62	Pass
		15	LCH	RB75#0	13.48	14.40	Pass
			MCH	RB75#0	13.47	14.45	Pass
			HCH	RB75#0	13.47	14.41	Pass
		20	LCH	RB100#0	17.96	19.13	Pass
			MCH	RB100#0	17.96	19.10	Pass
			HCH	RB100#0	17.97	19.07	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.49	4.86	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.87	Pass
10		LCH	RB50#0	8.99	9.60	Pass	
		MCH	RB50#0	8.99	9.63	Pass	
		HCH	RB50#0	8.99	9.64	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.47	14.41	Pass
			MCH	RB75#0	13.48	14.42	Pass
			HCH	RB75#0	13.48	14.45	Pass
		20	LCH	RB100#0	17.97	19.09	Pass
			MCH	RB100#0	17.95	19.15	Pass
			HCH	RB100#0	17.96	19.16	Pass



Part II - Test Plots

4.1 For LTE

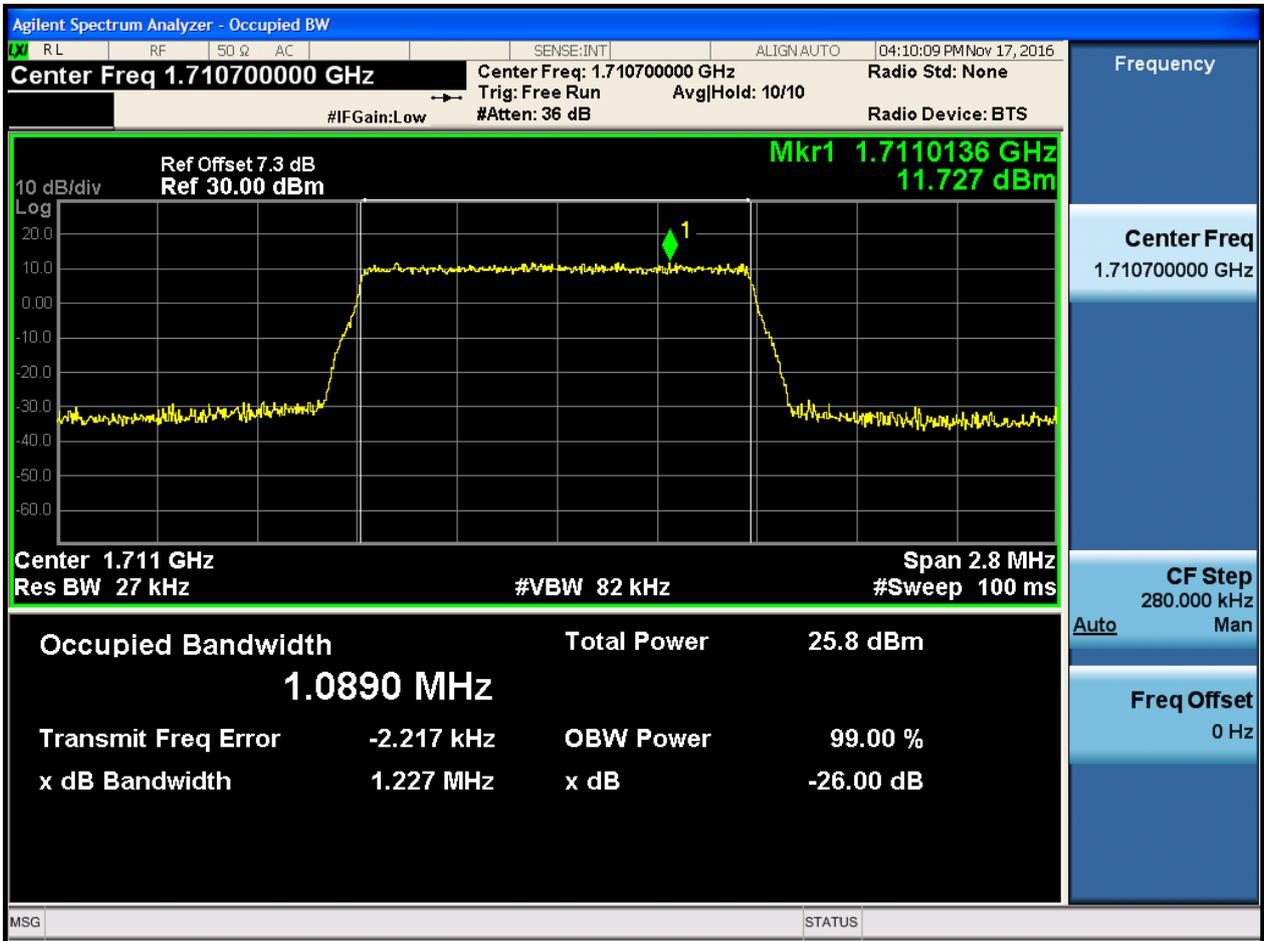
4.1.1 Test Band = BAND4

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

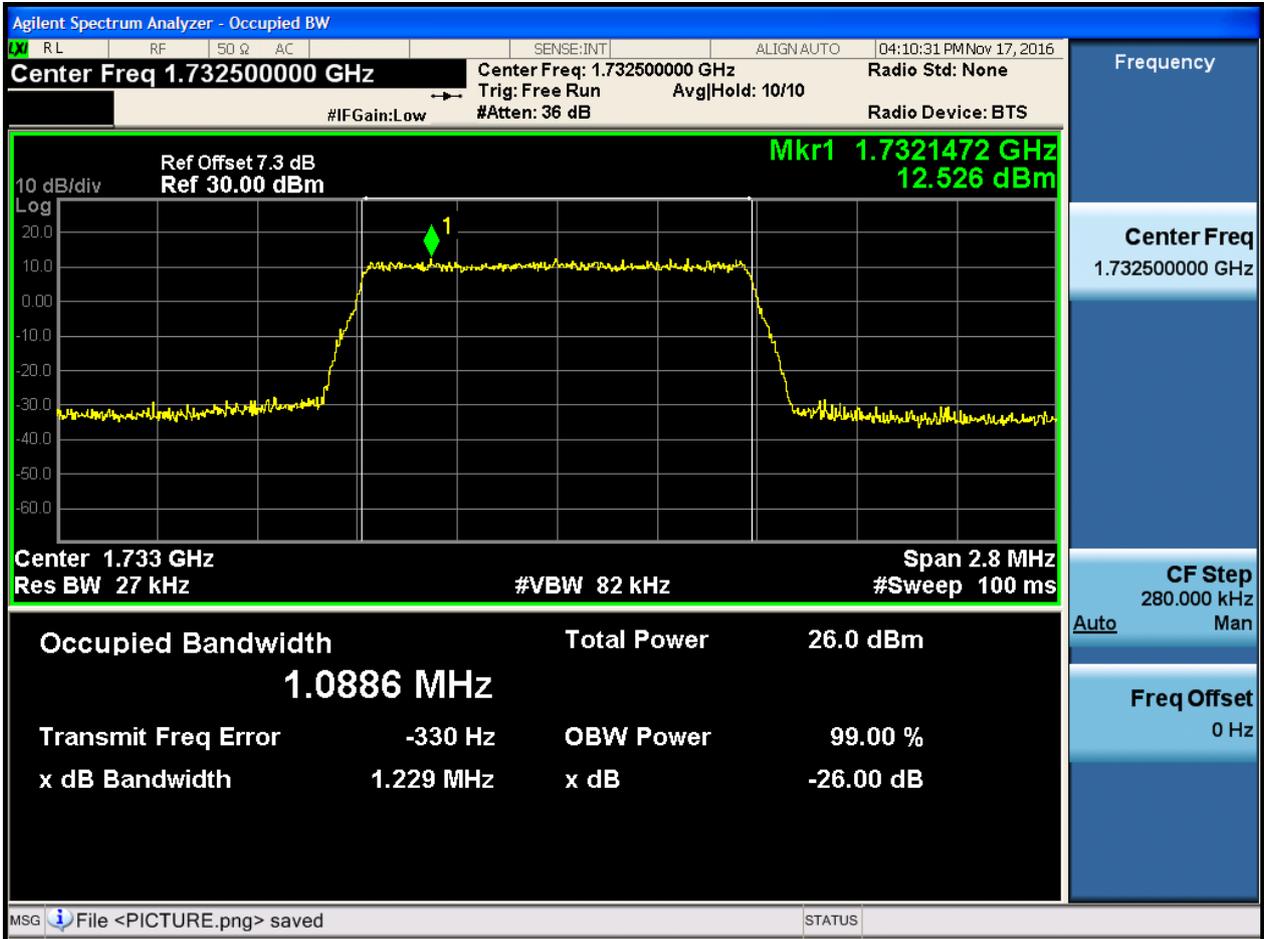
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.2 Test Channel = MCH

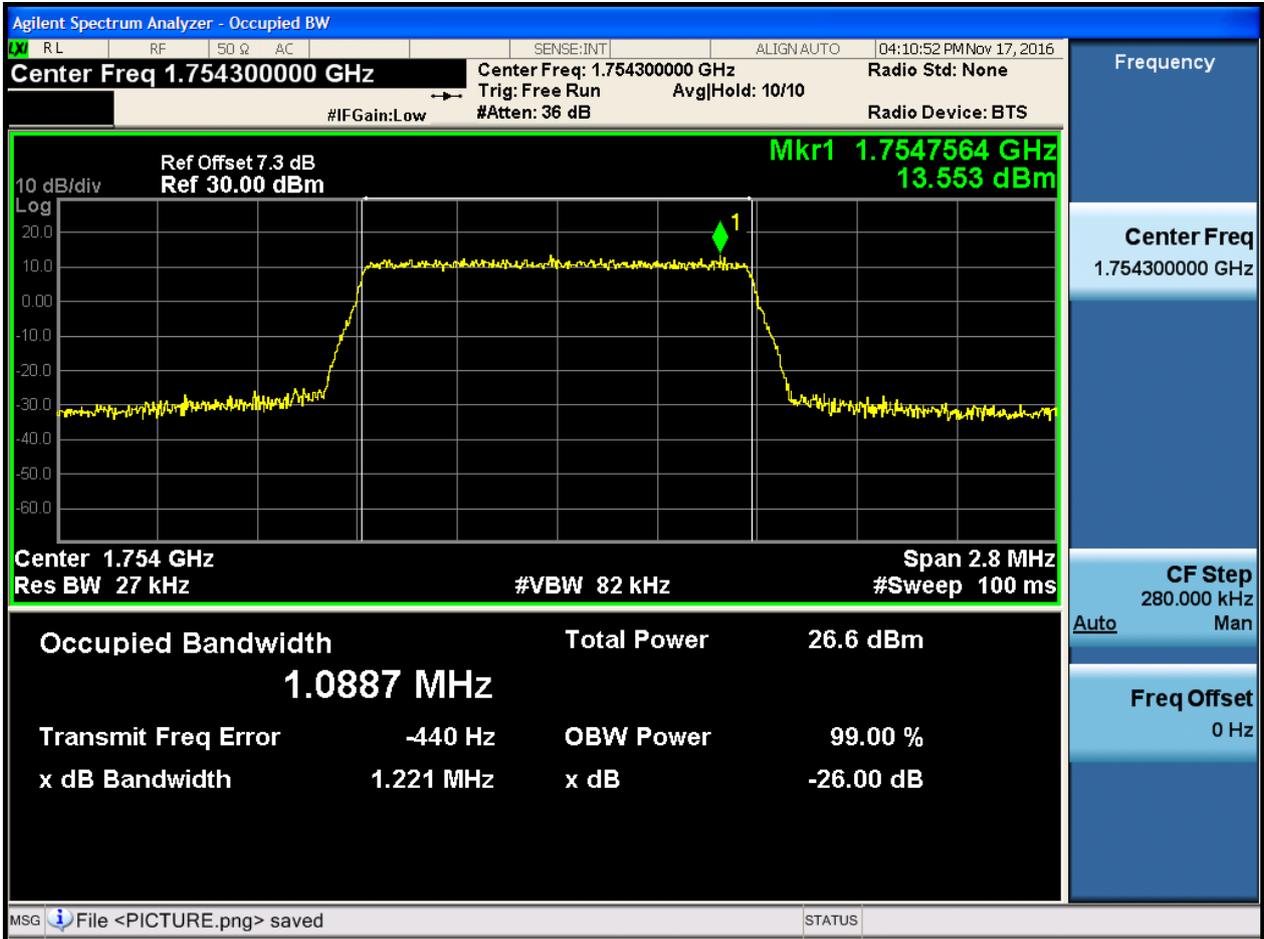
4.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

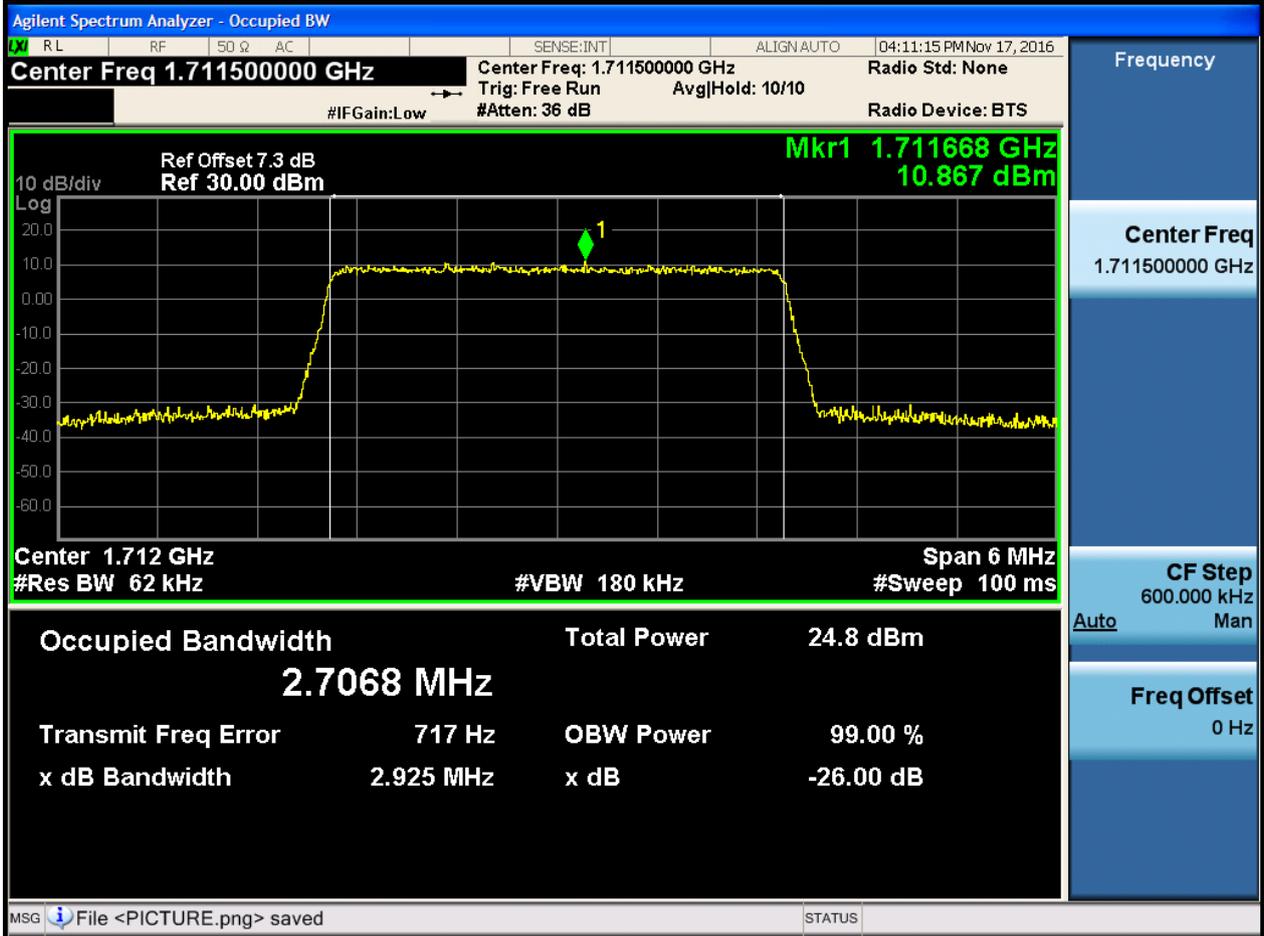




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

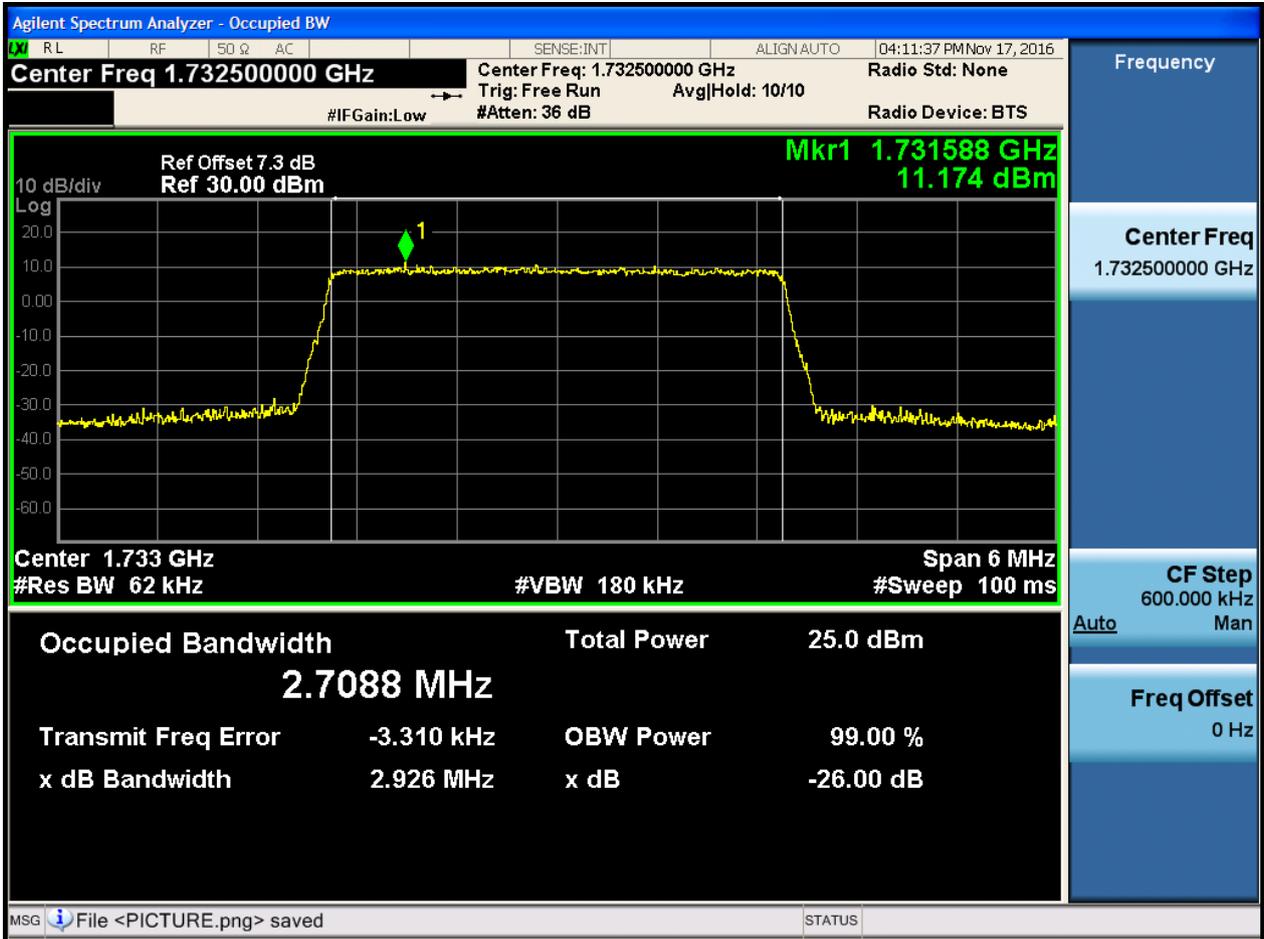
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

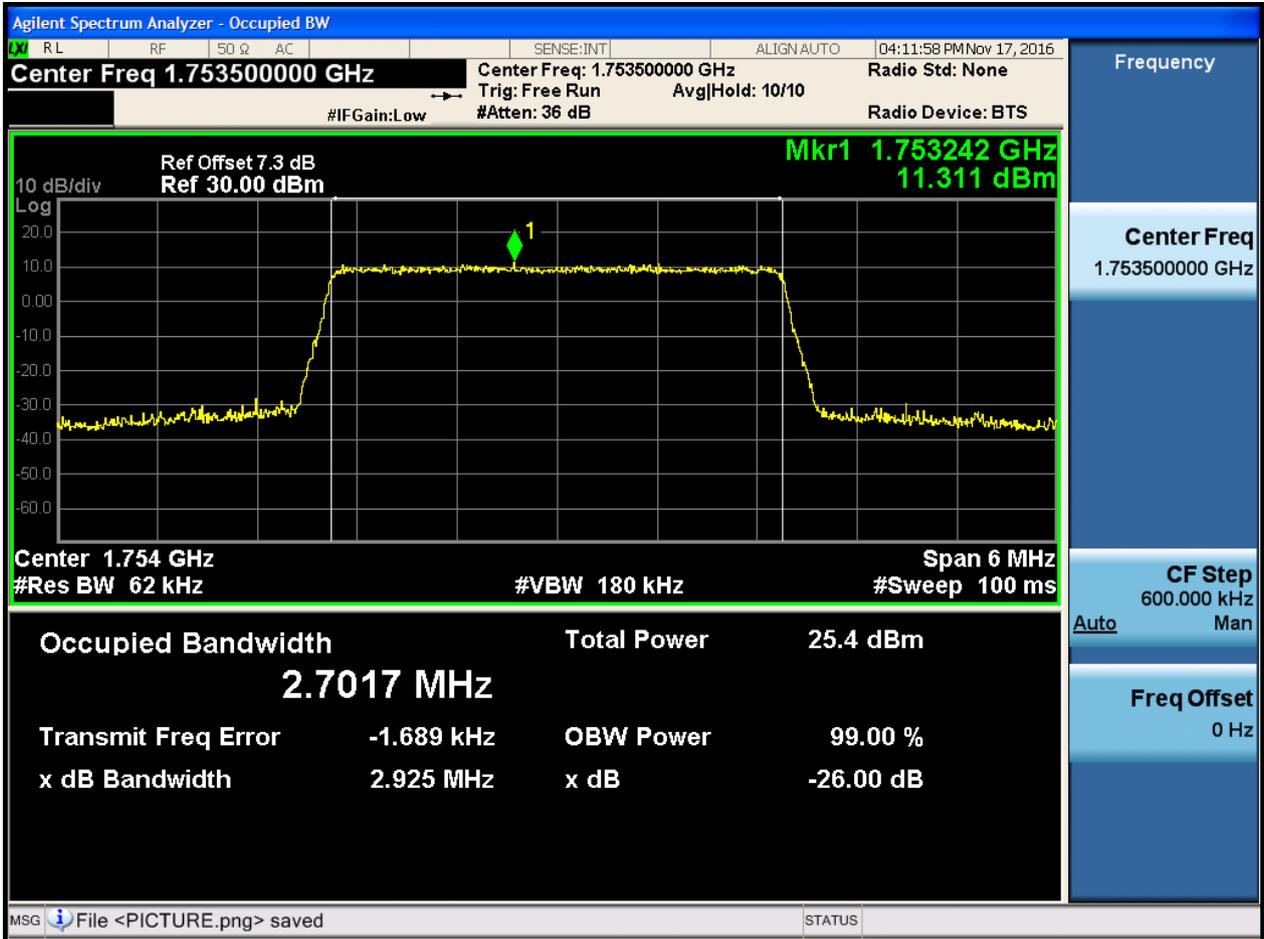
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

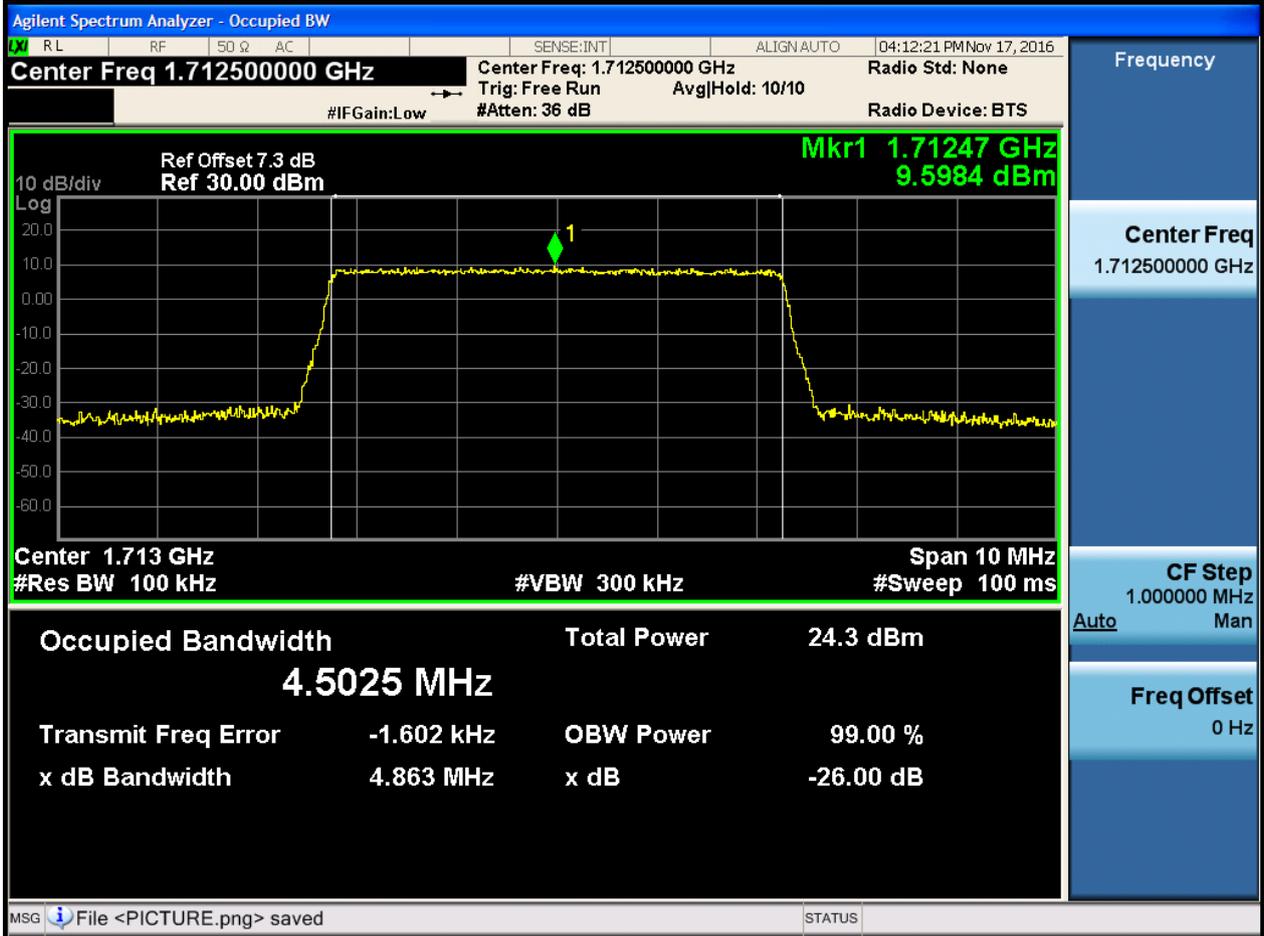




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

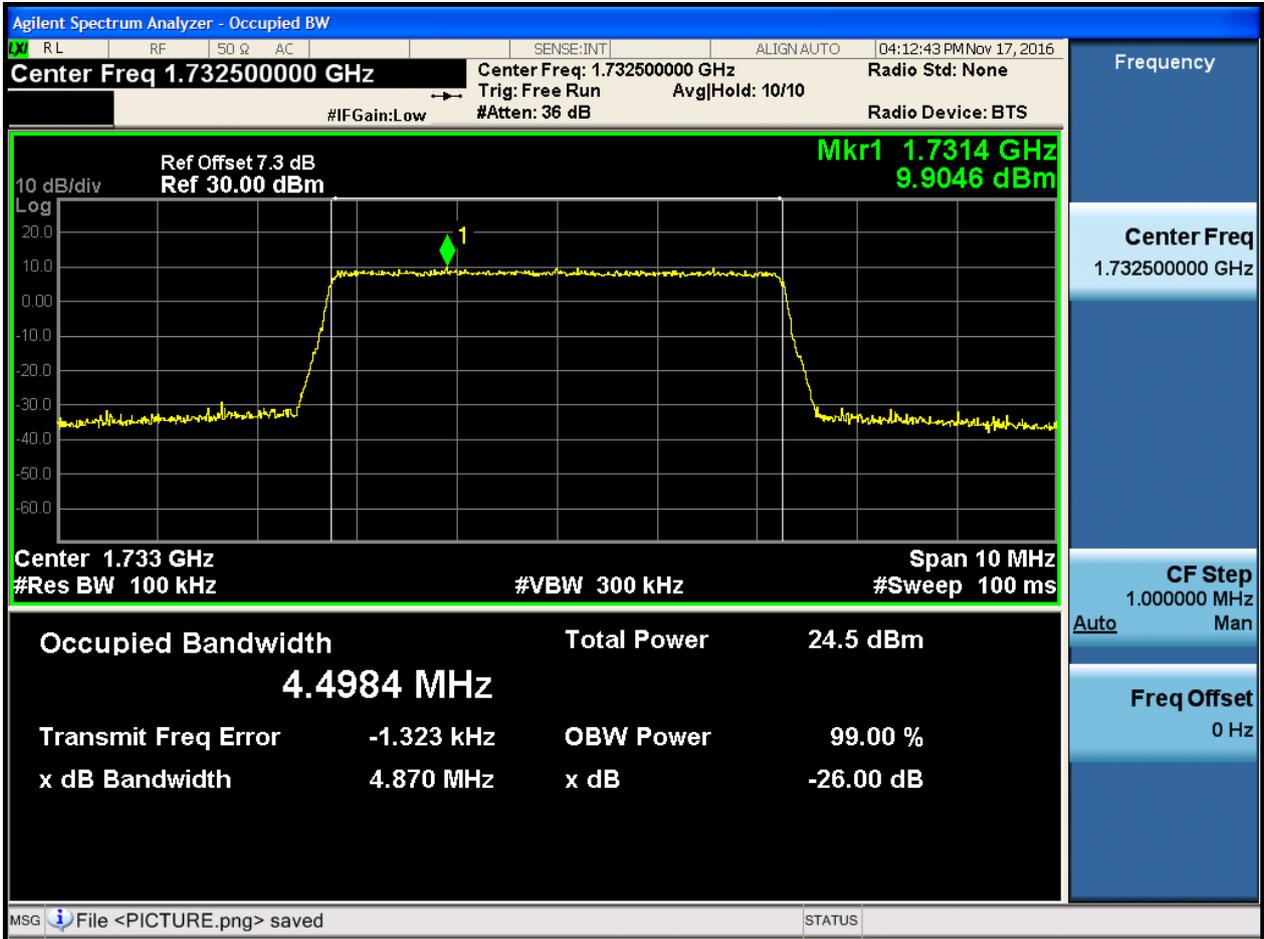
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

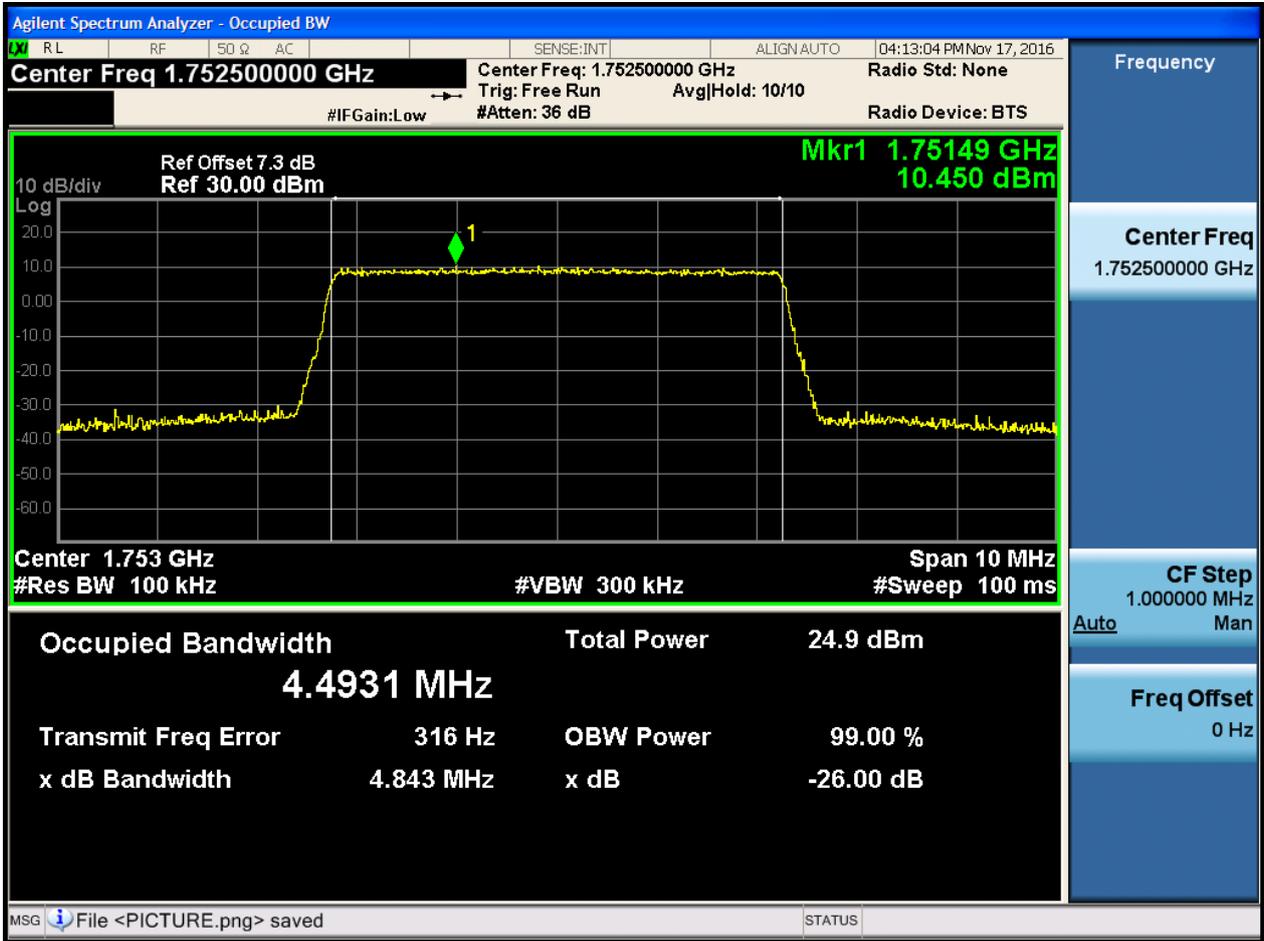
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

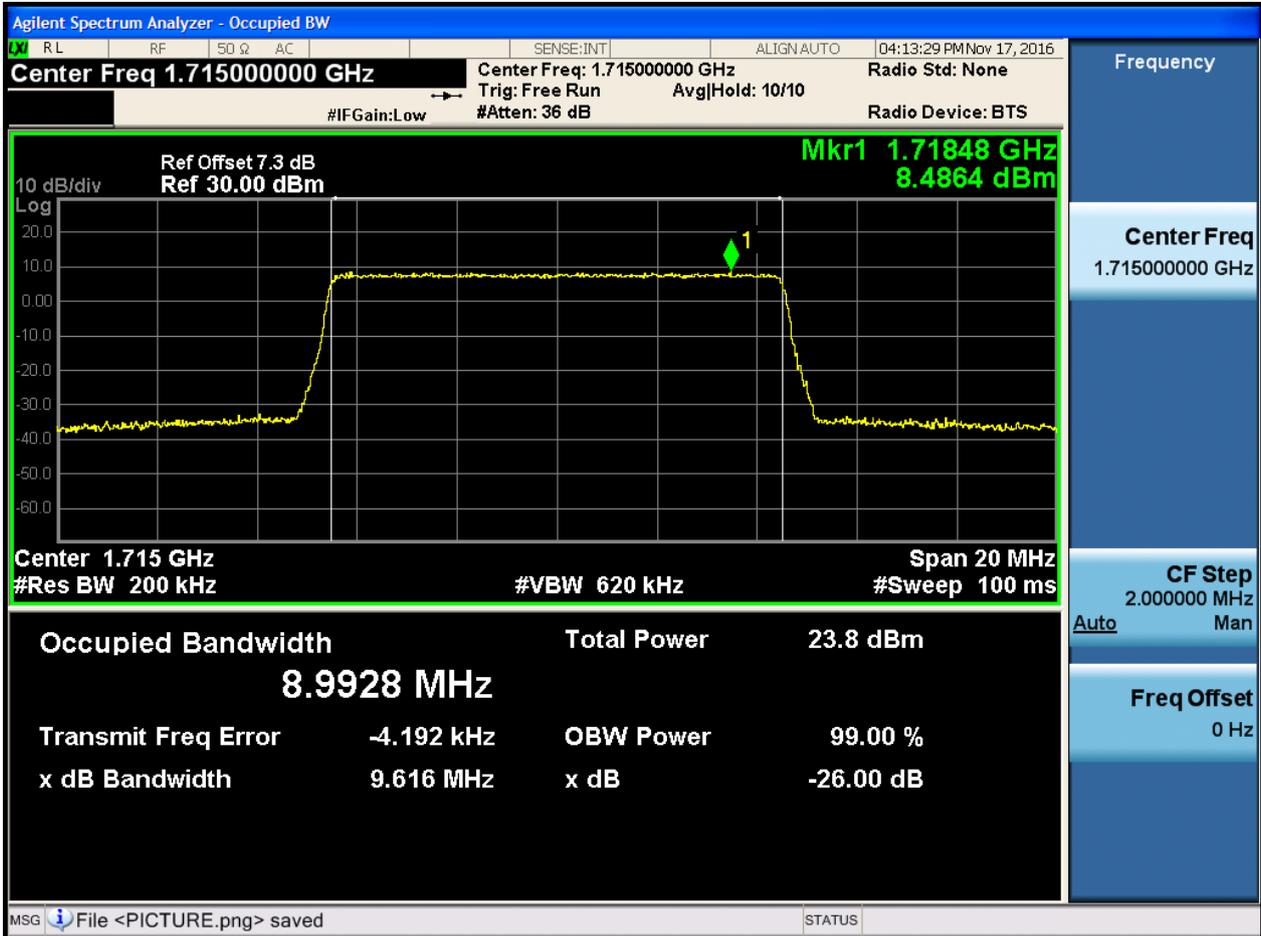




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

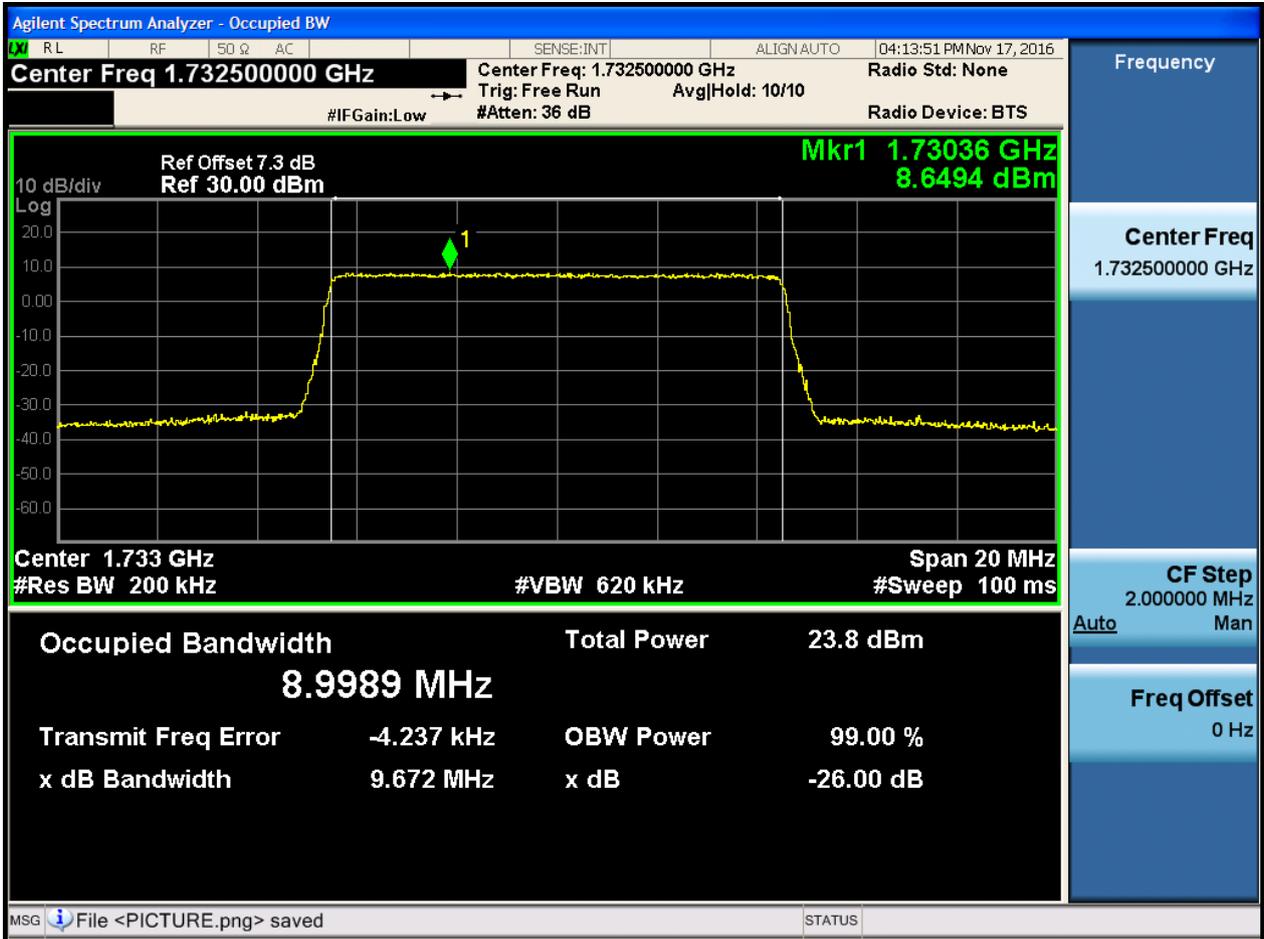
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

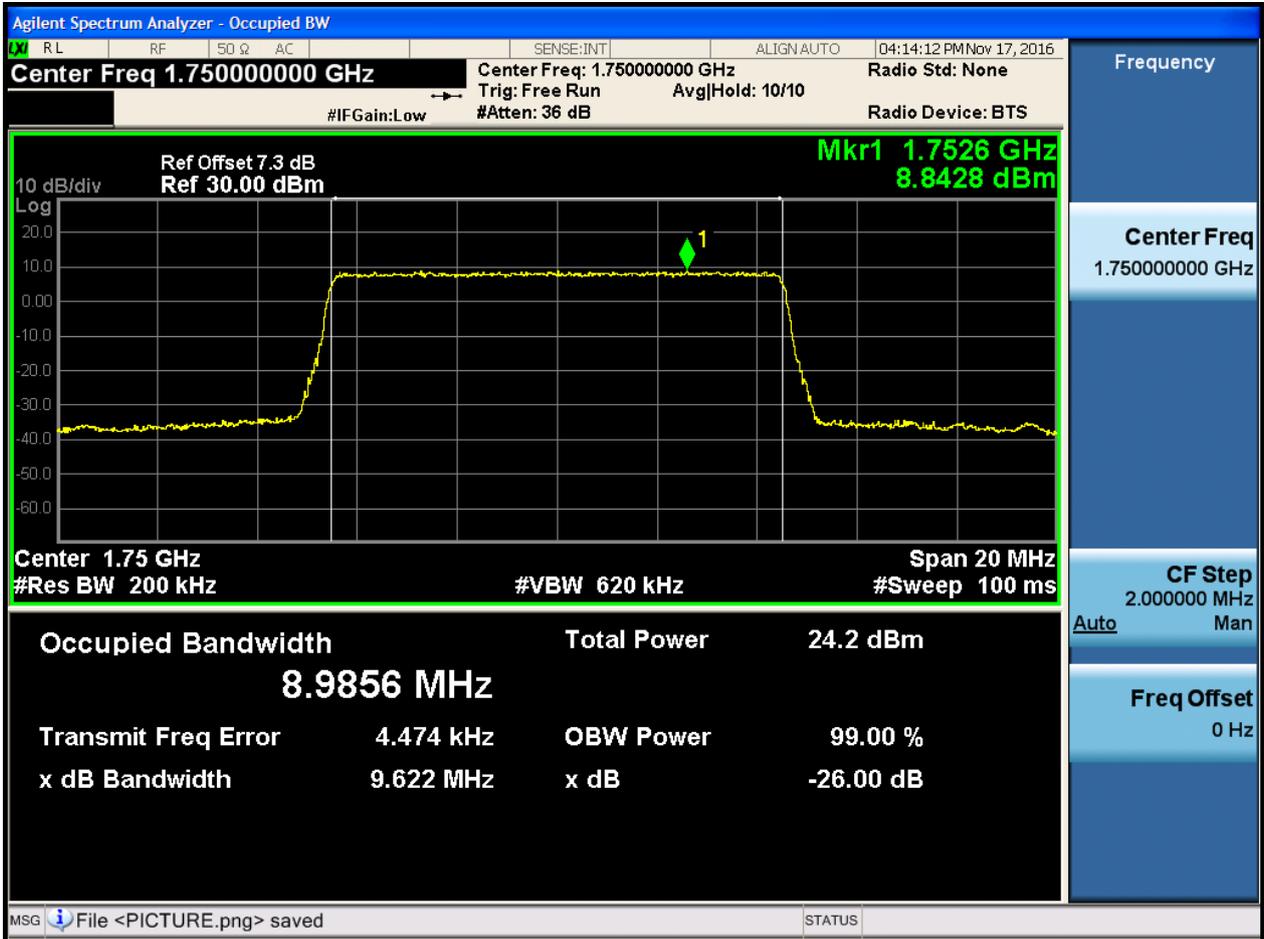
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

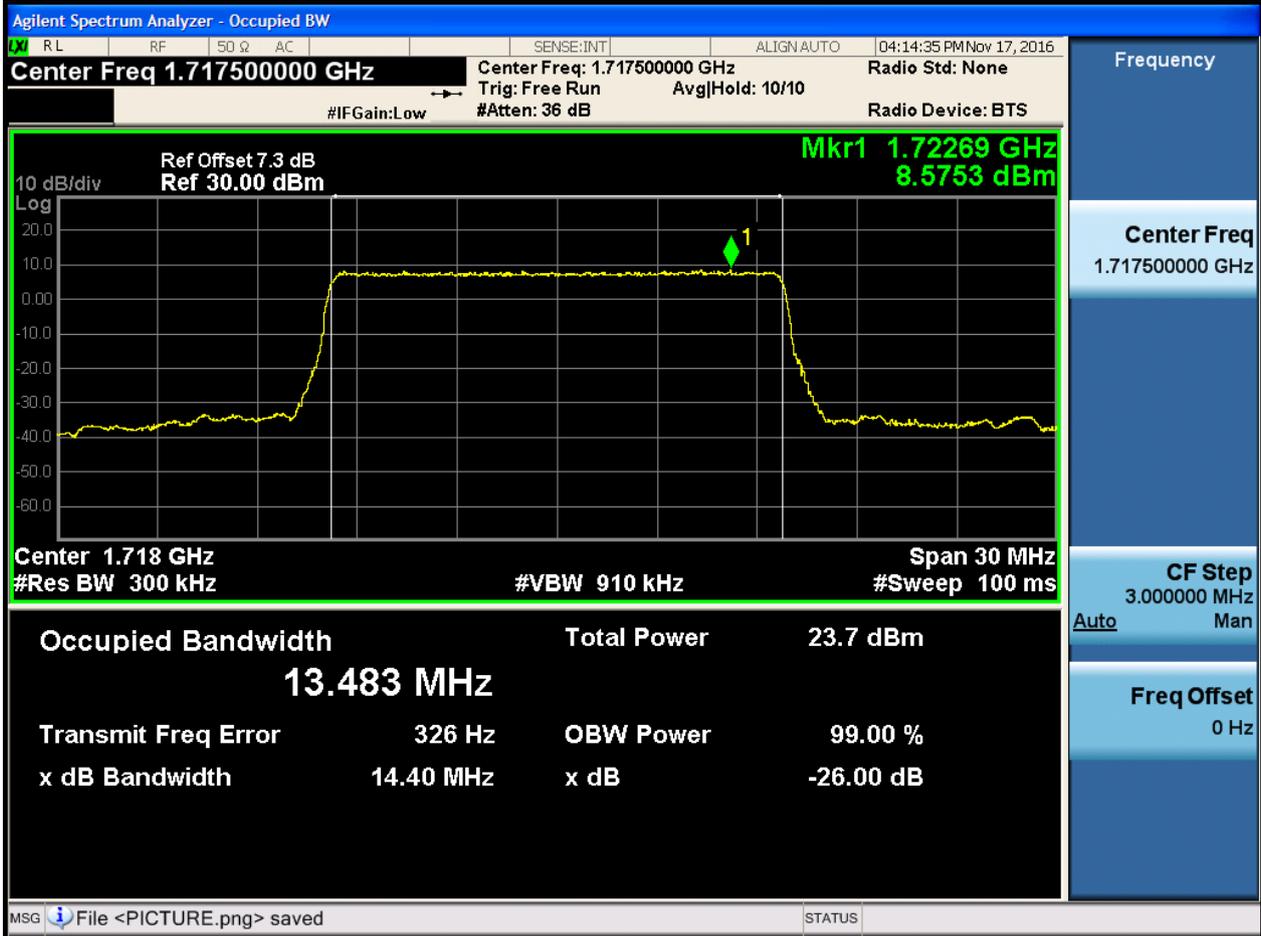




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

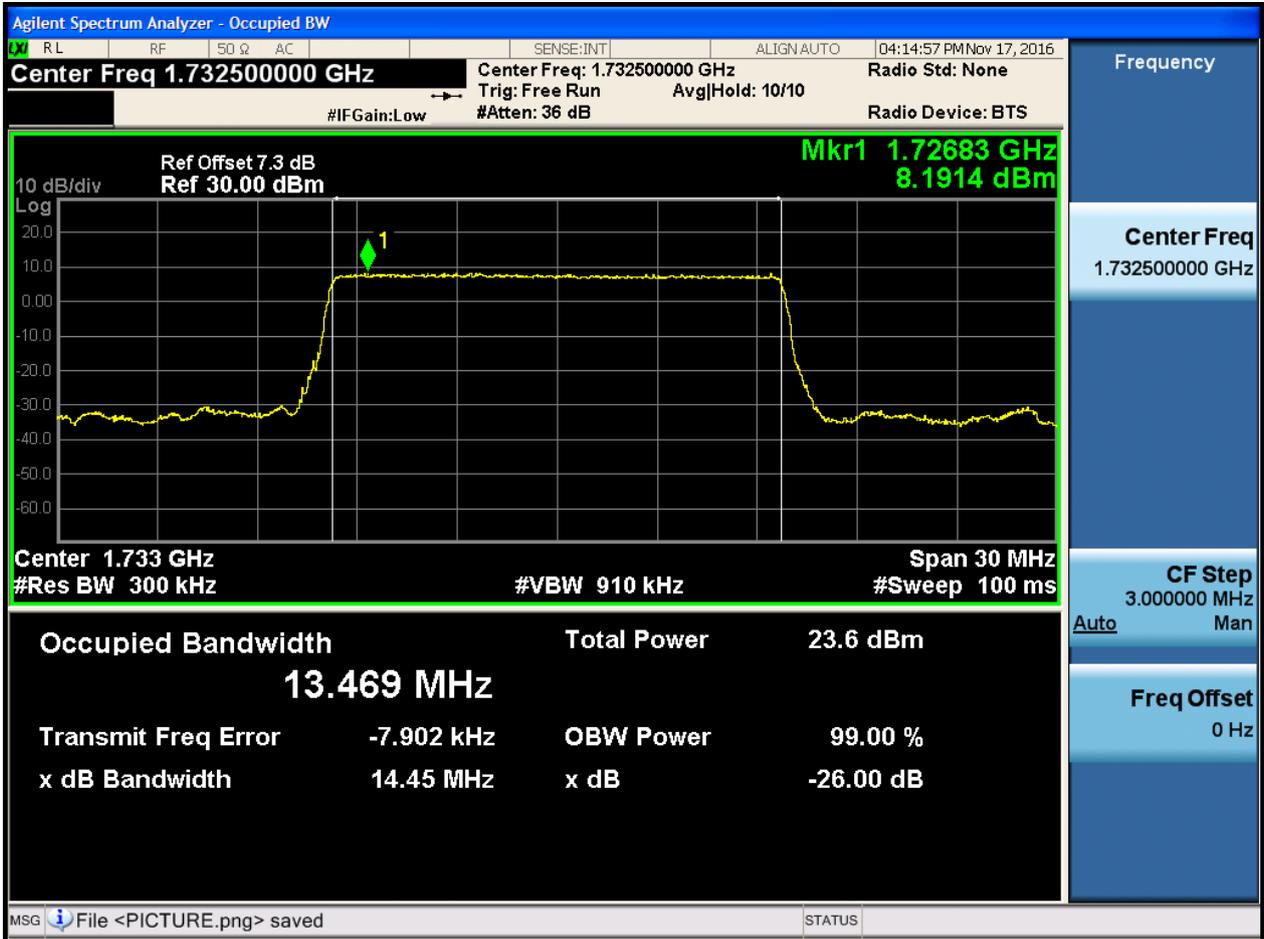
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

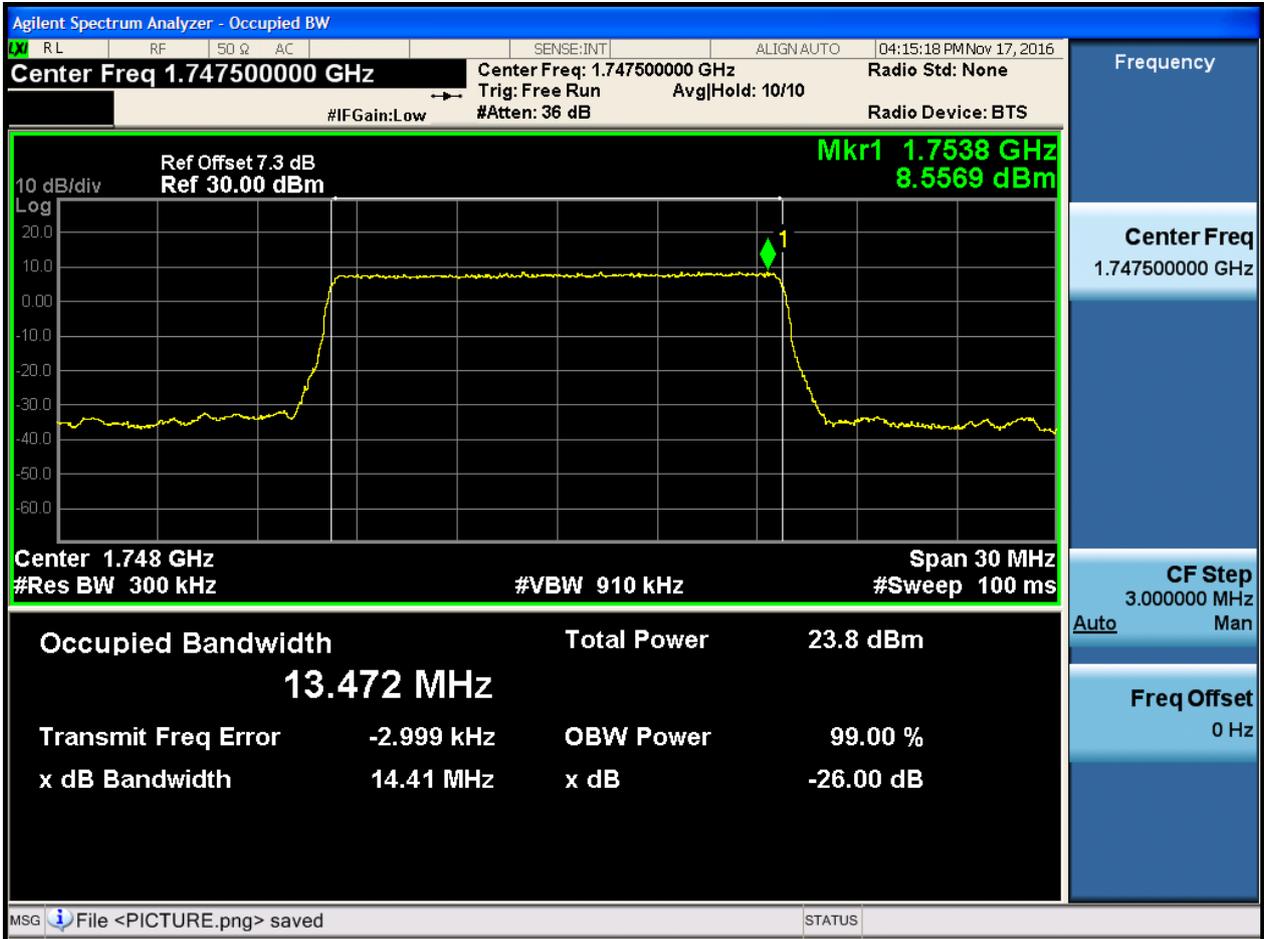
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

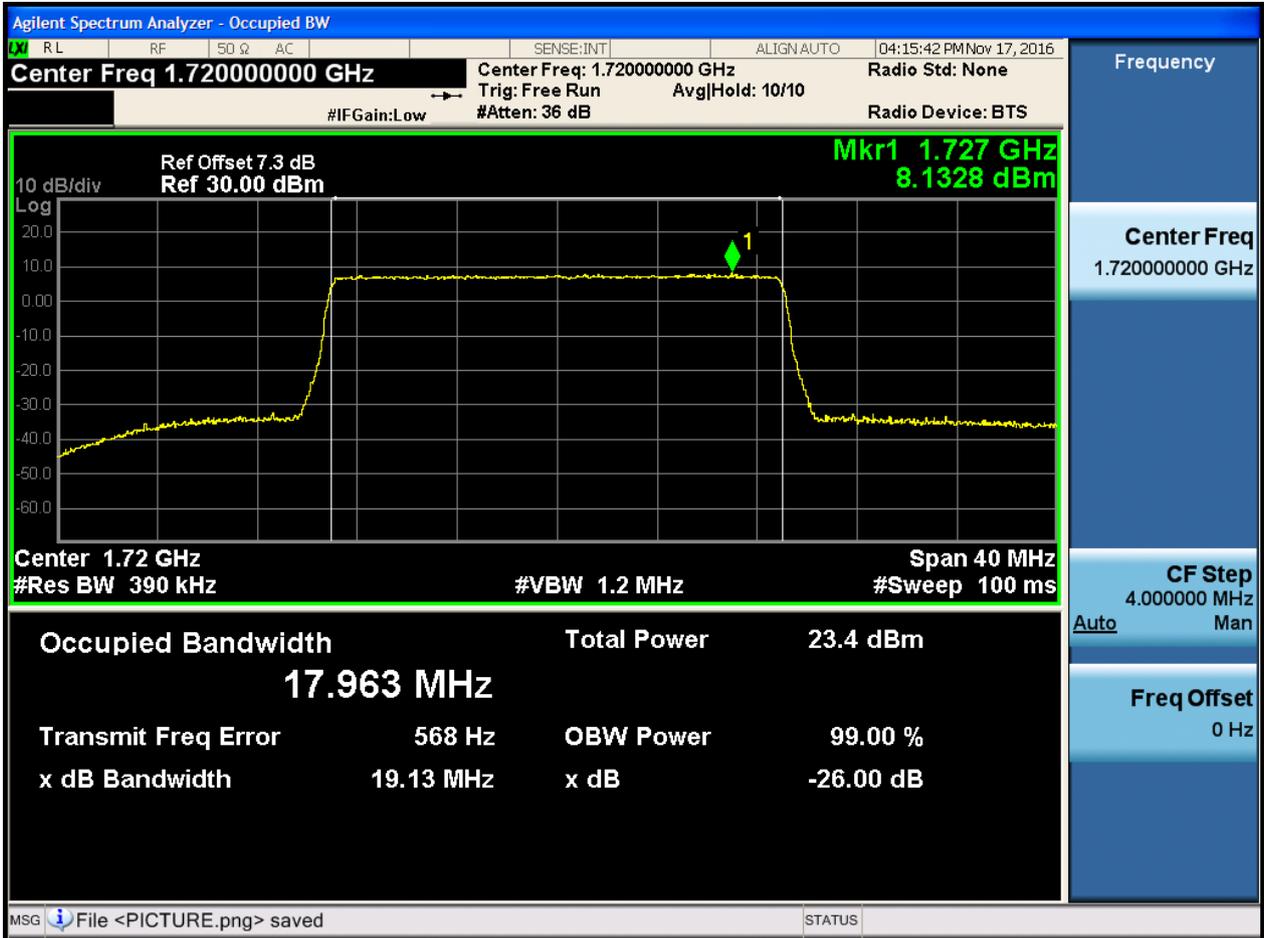




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

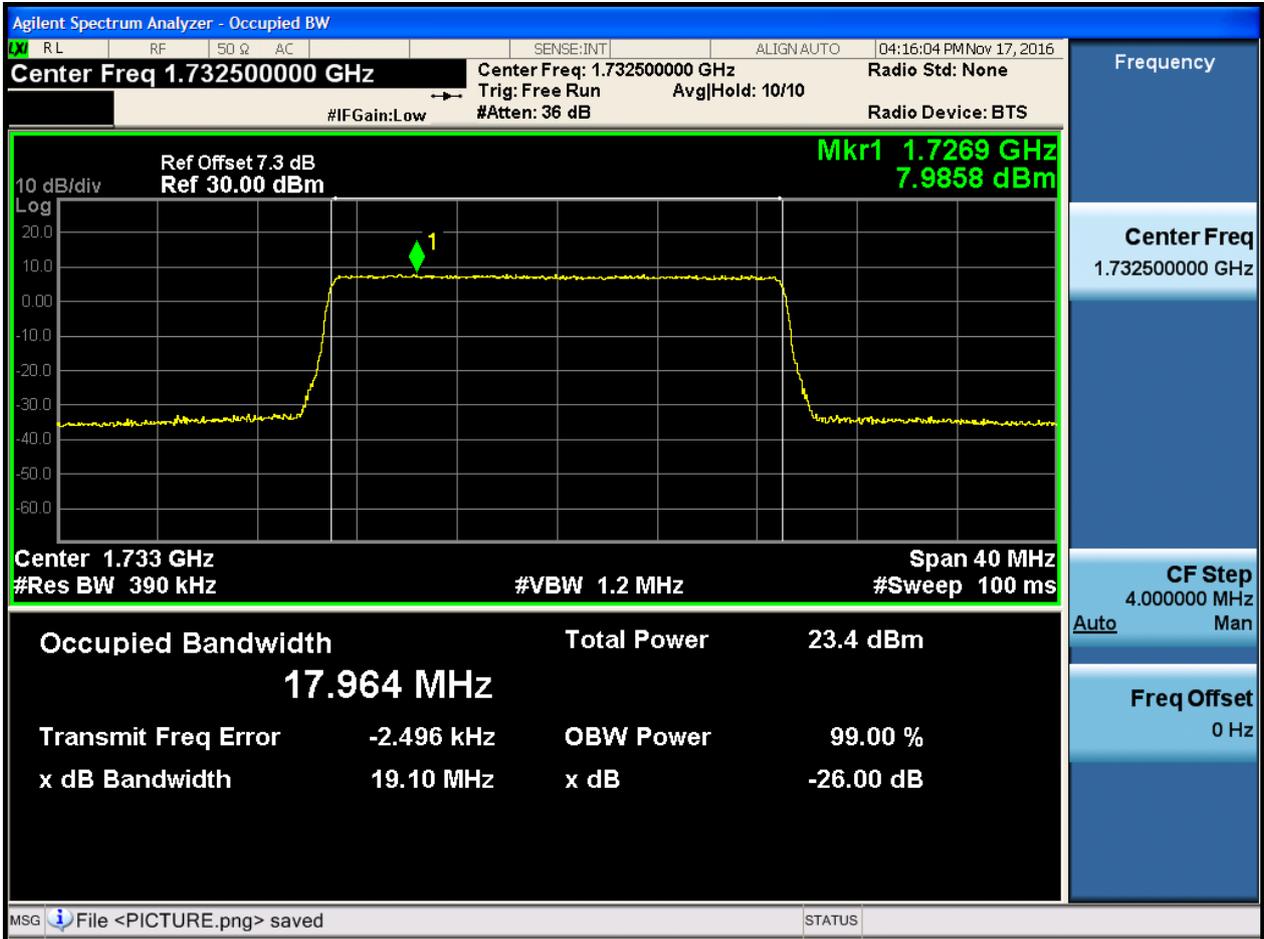
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

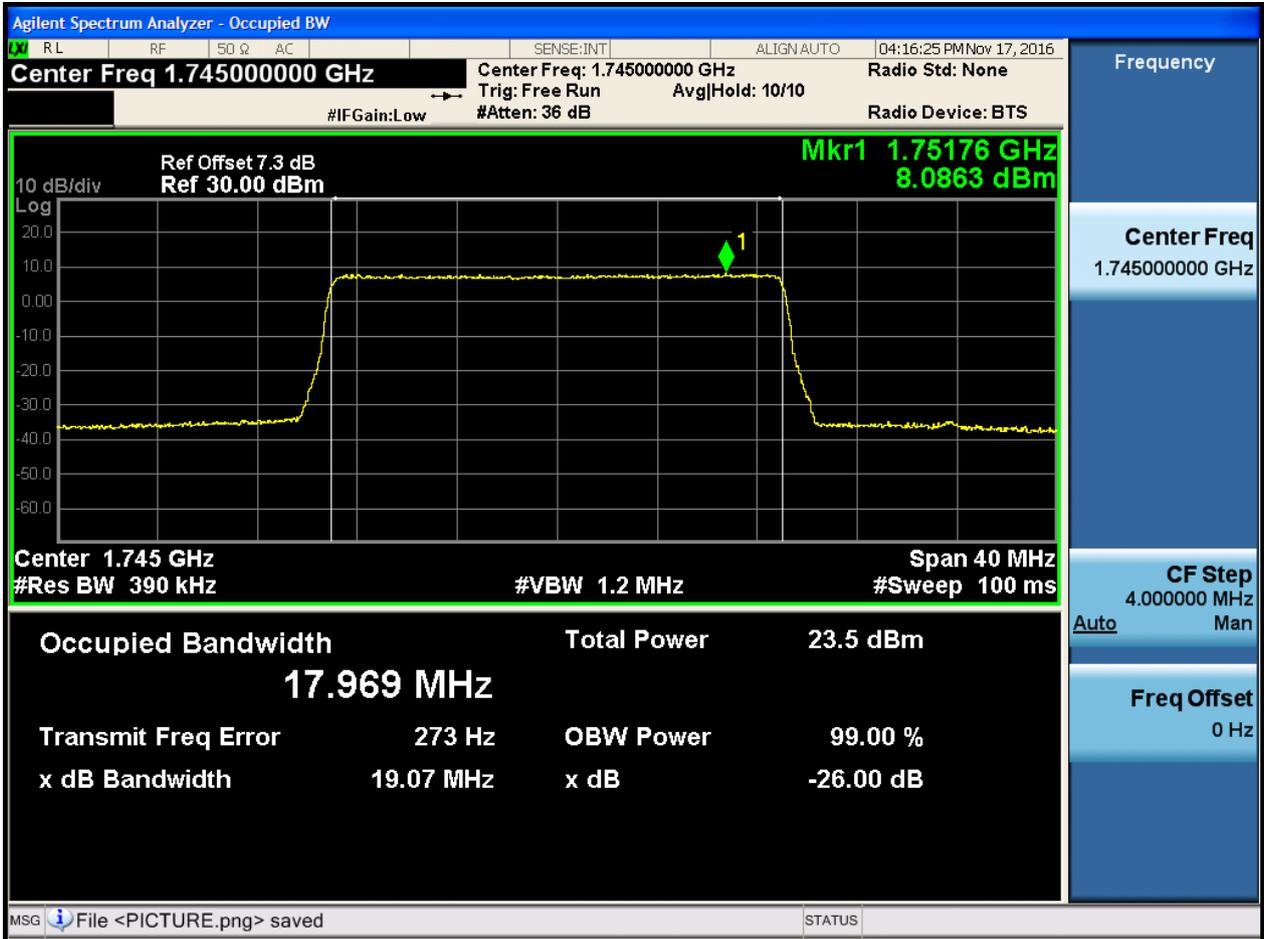
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



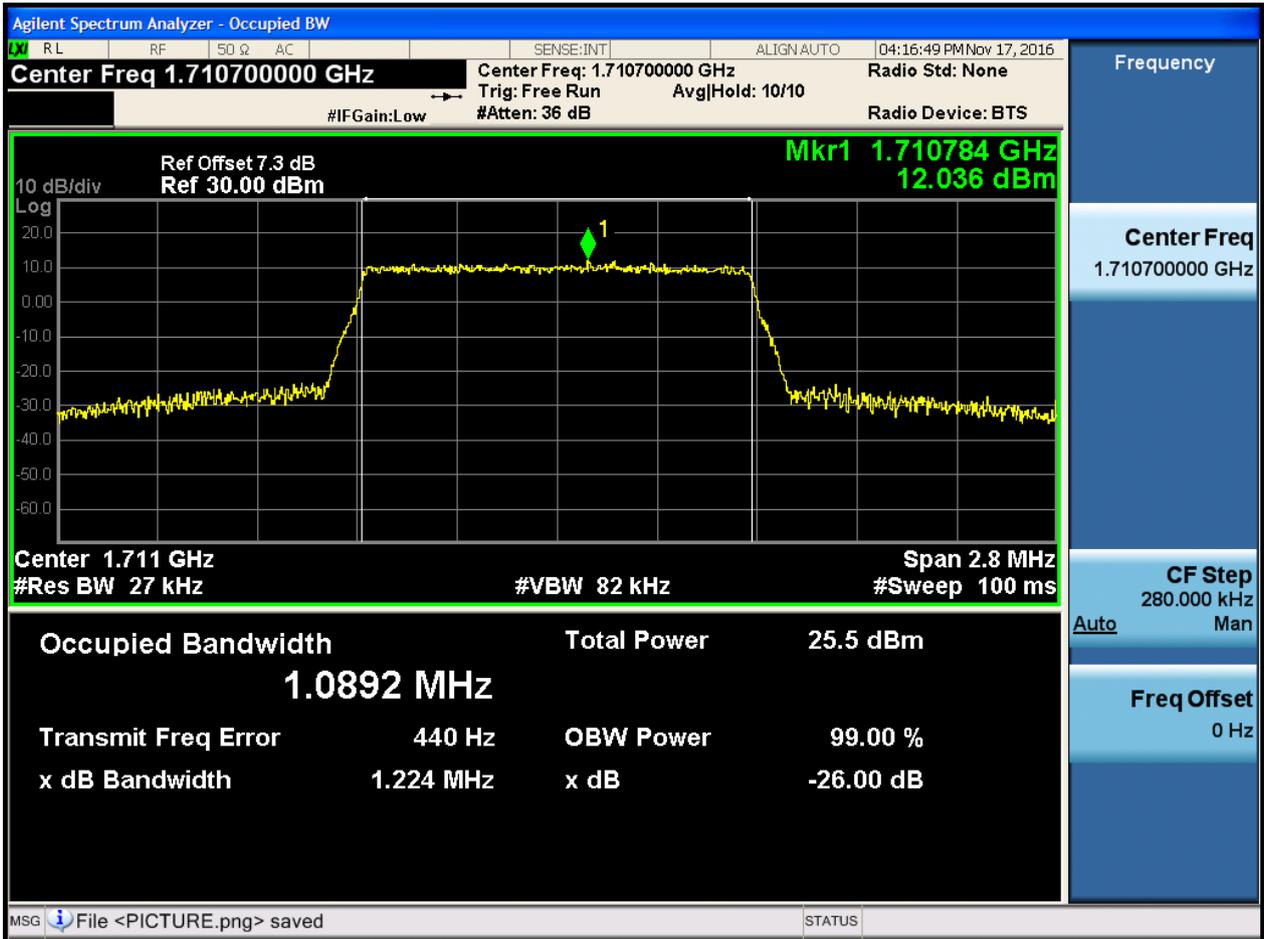


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

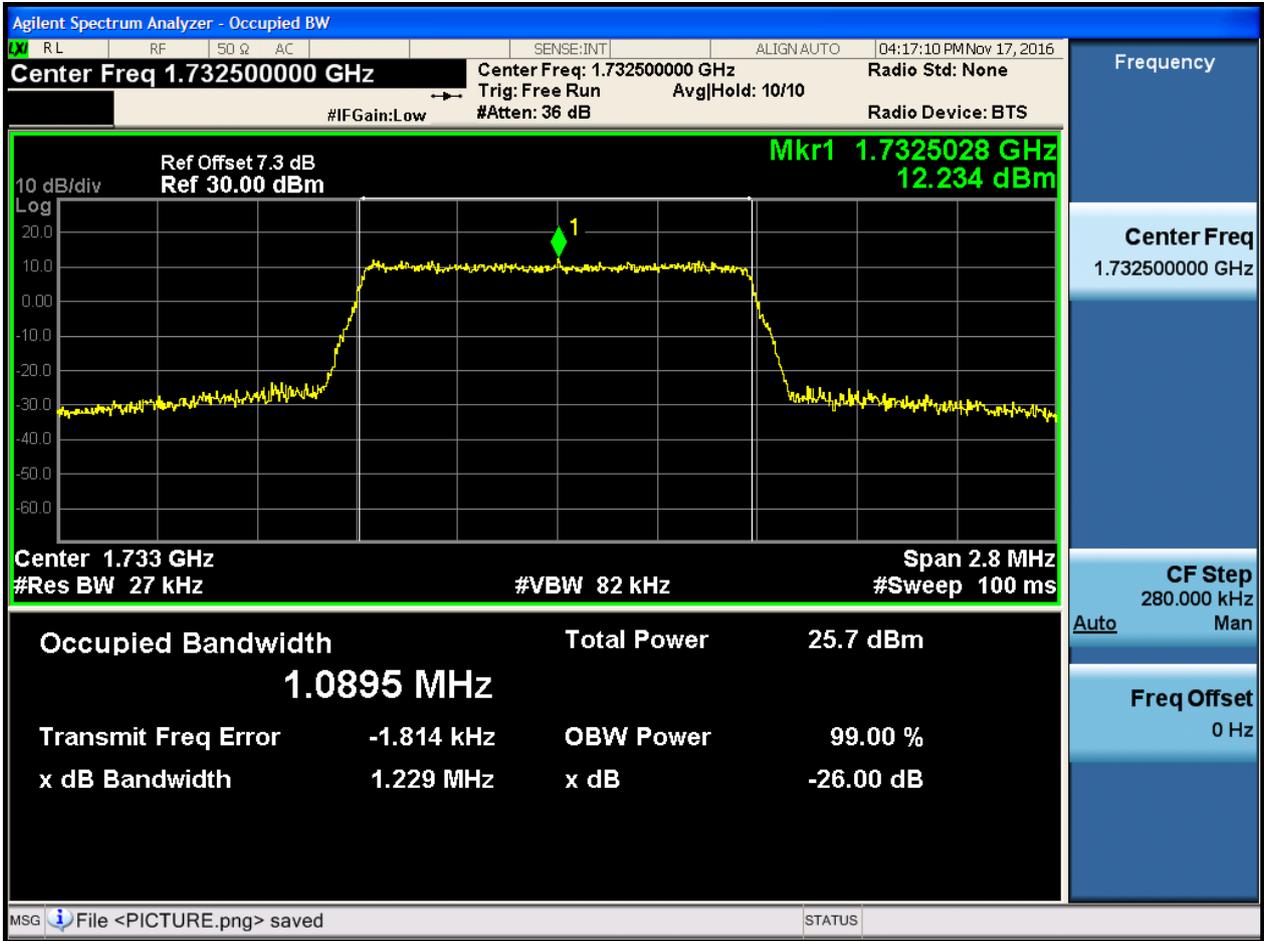
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

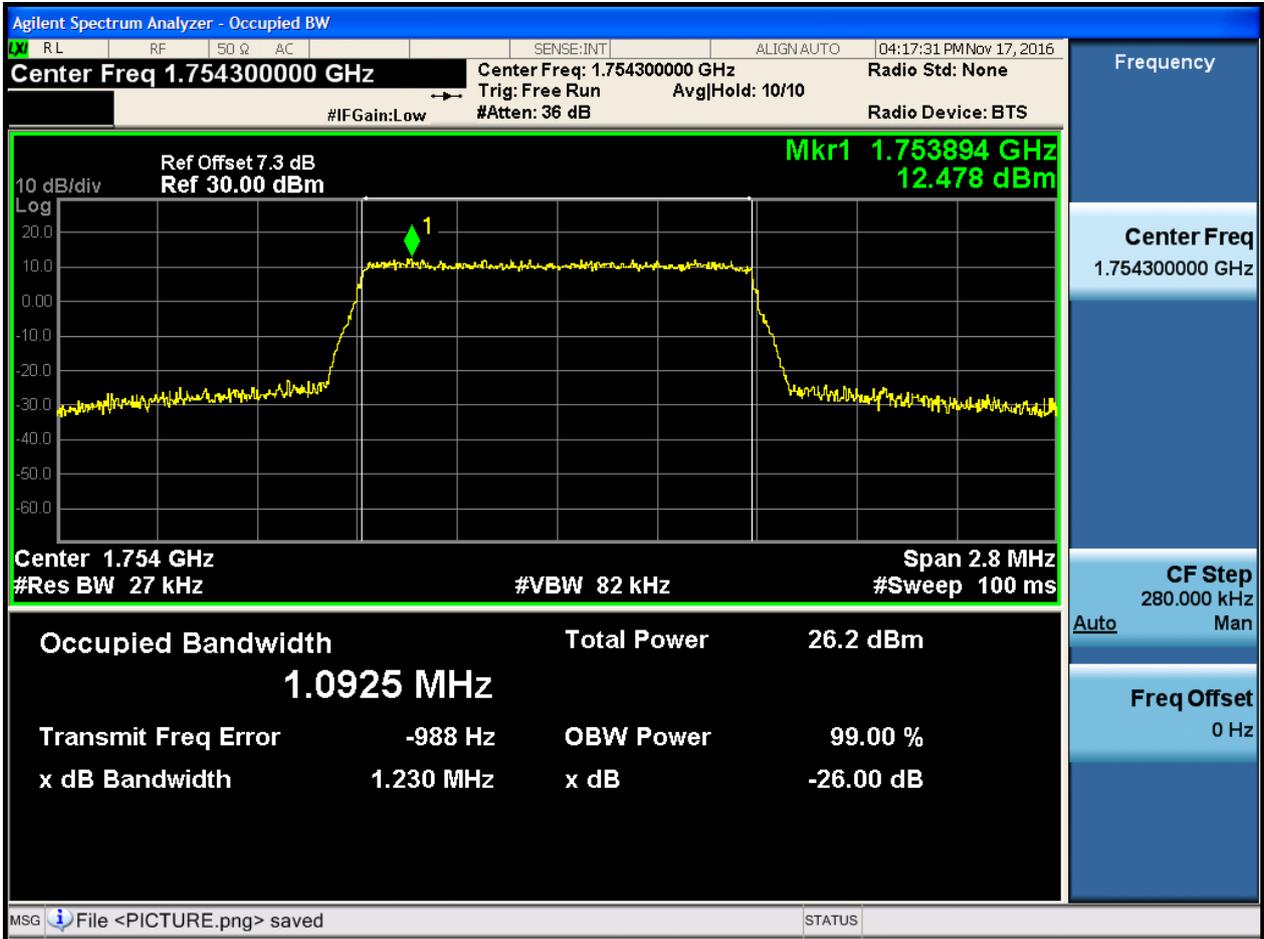
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

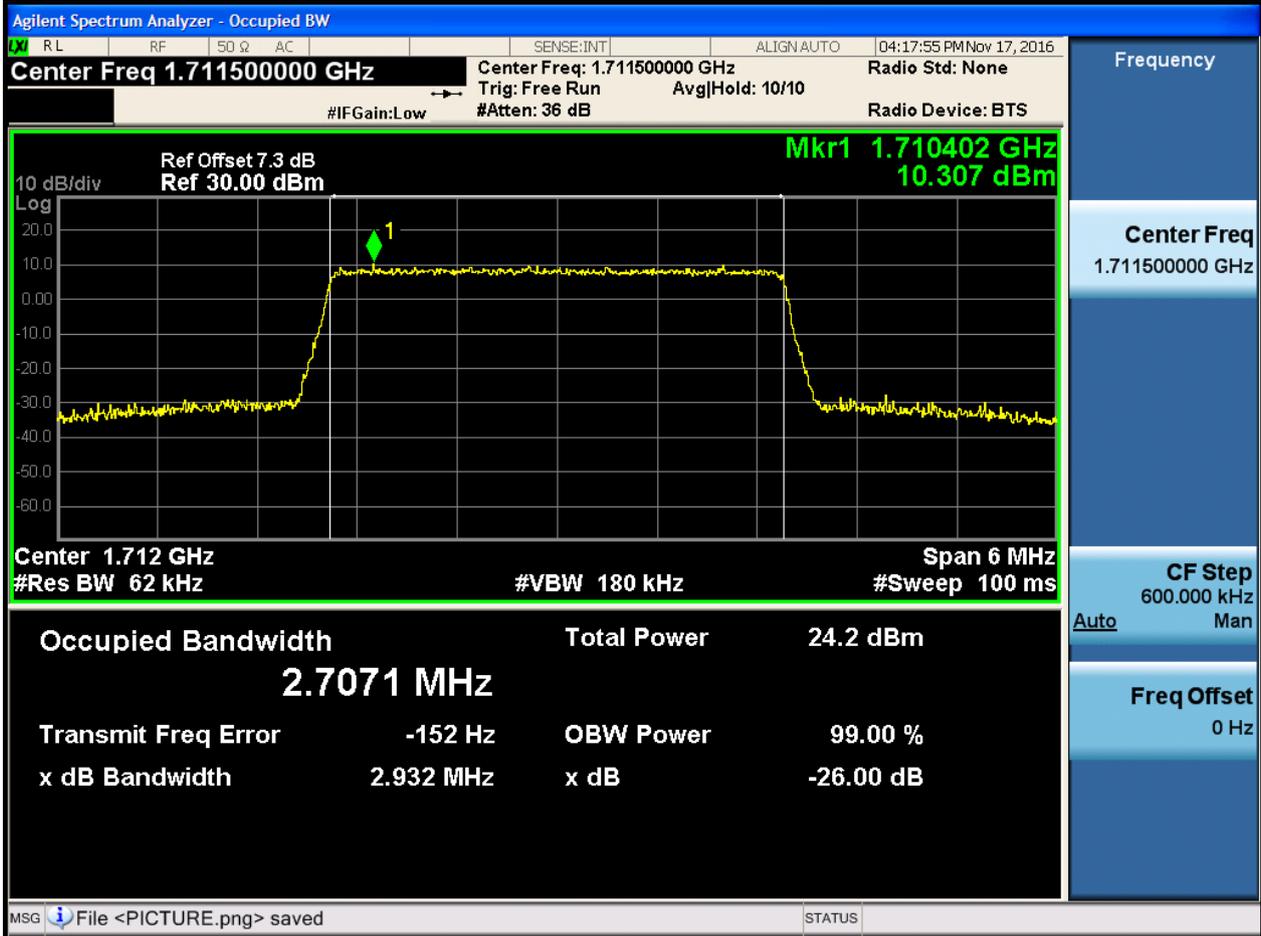




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

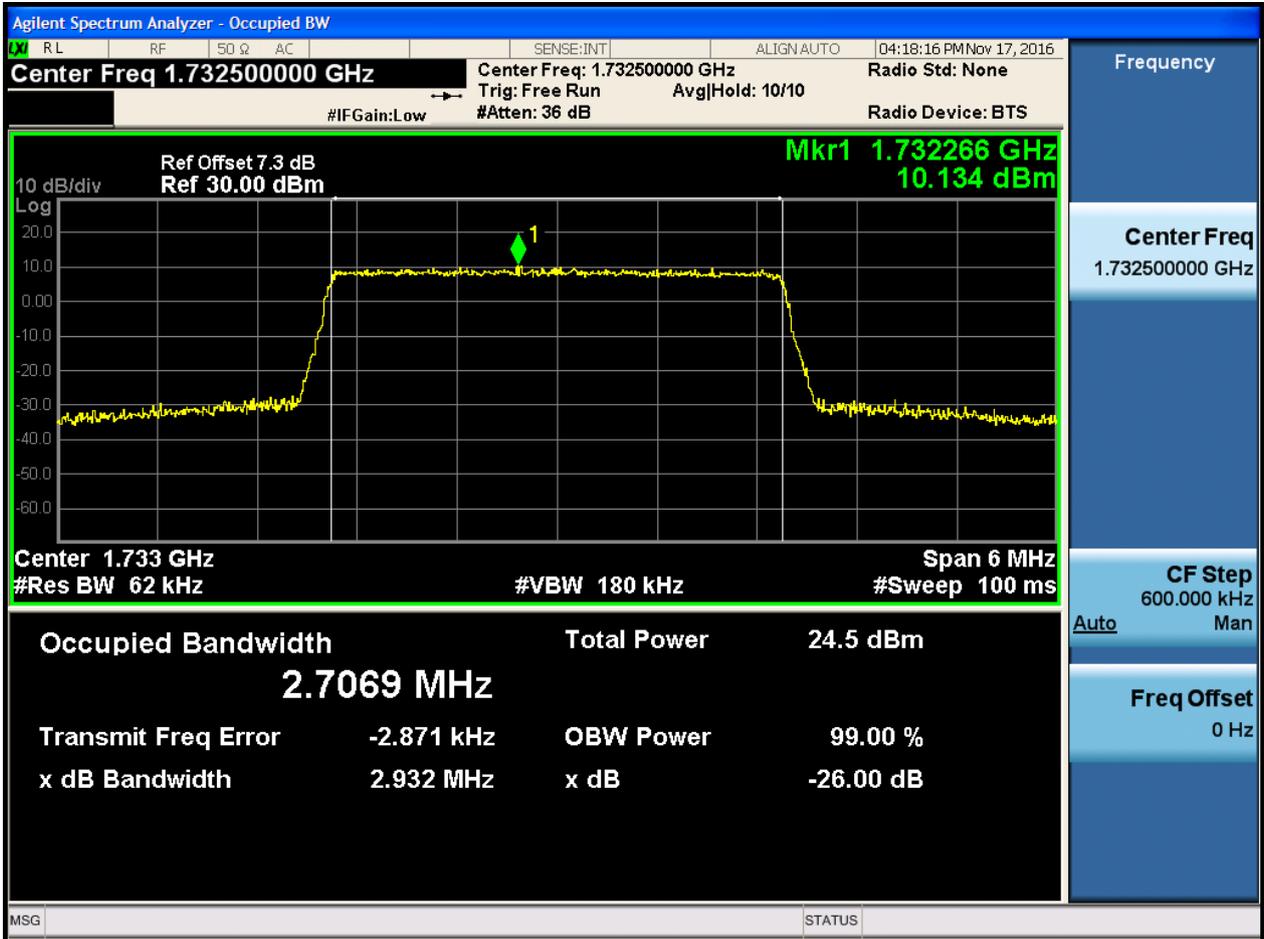
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

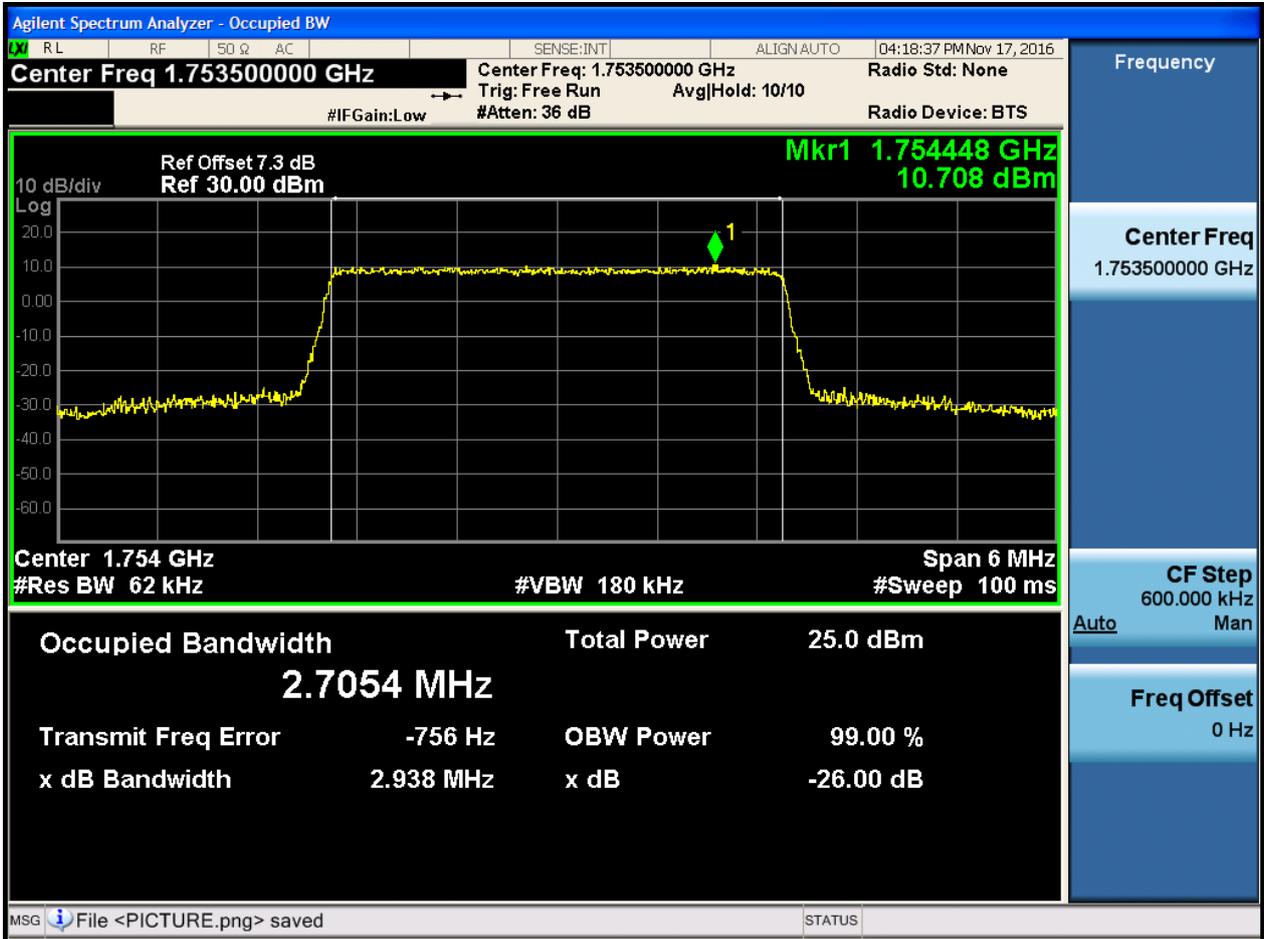
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

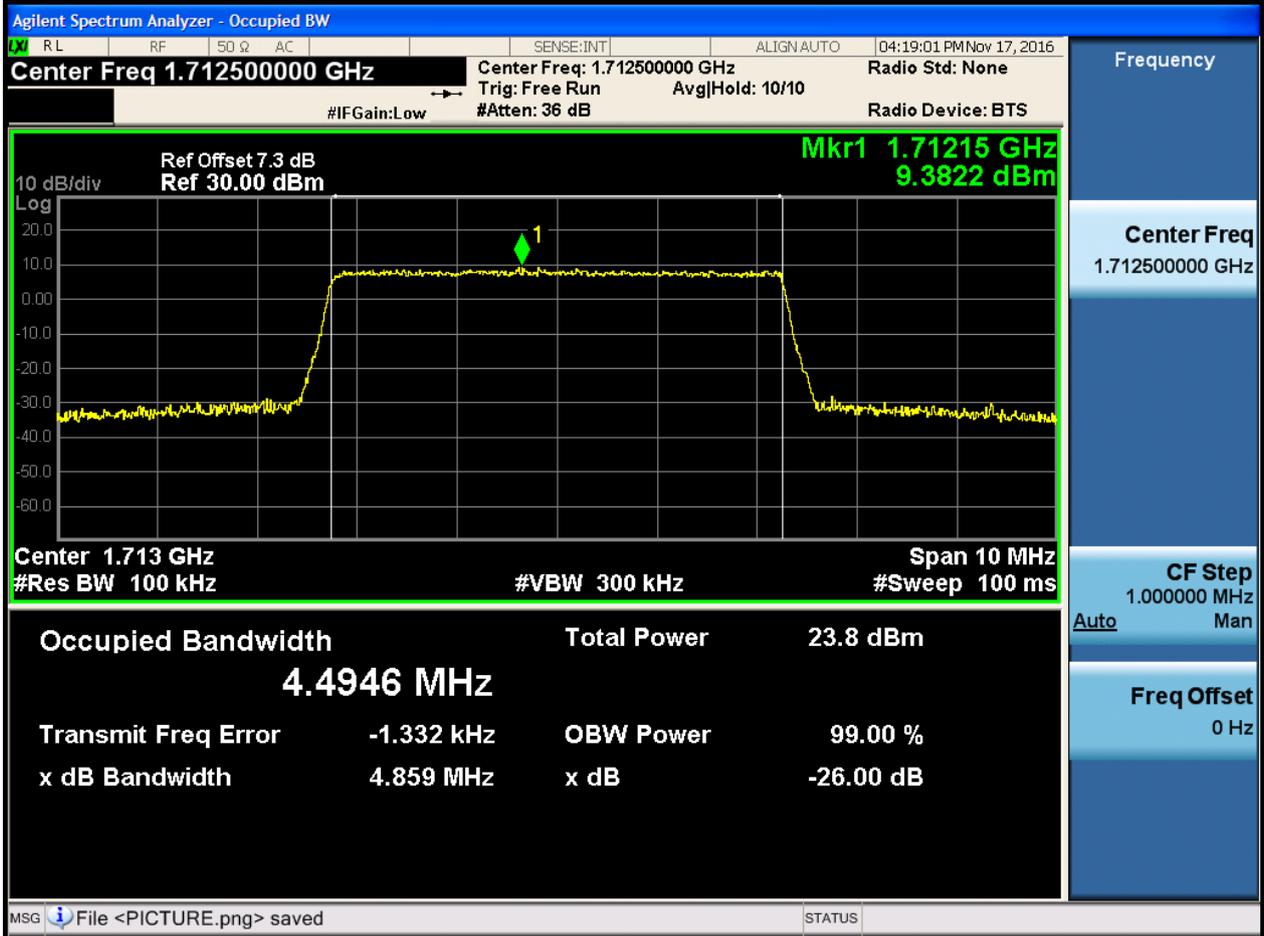




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

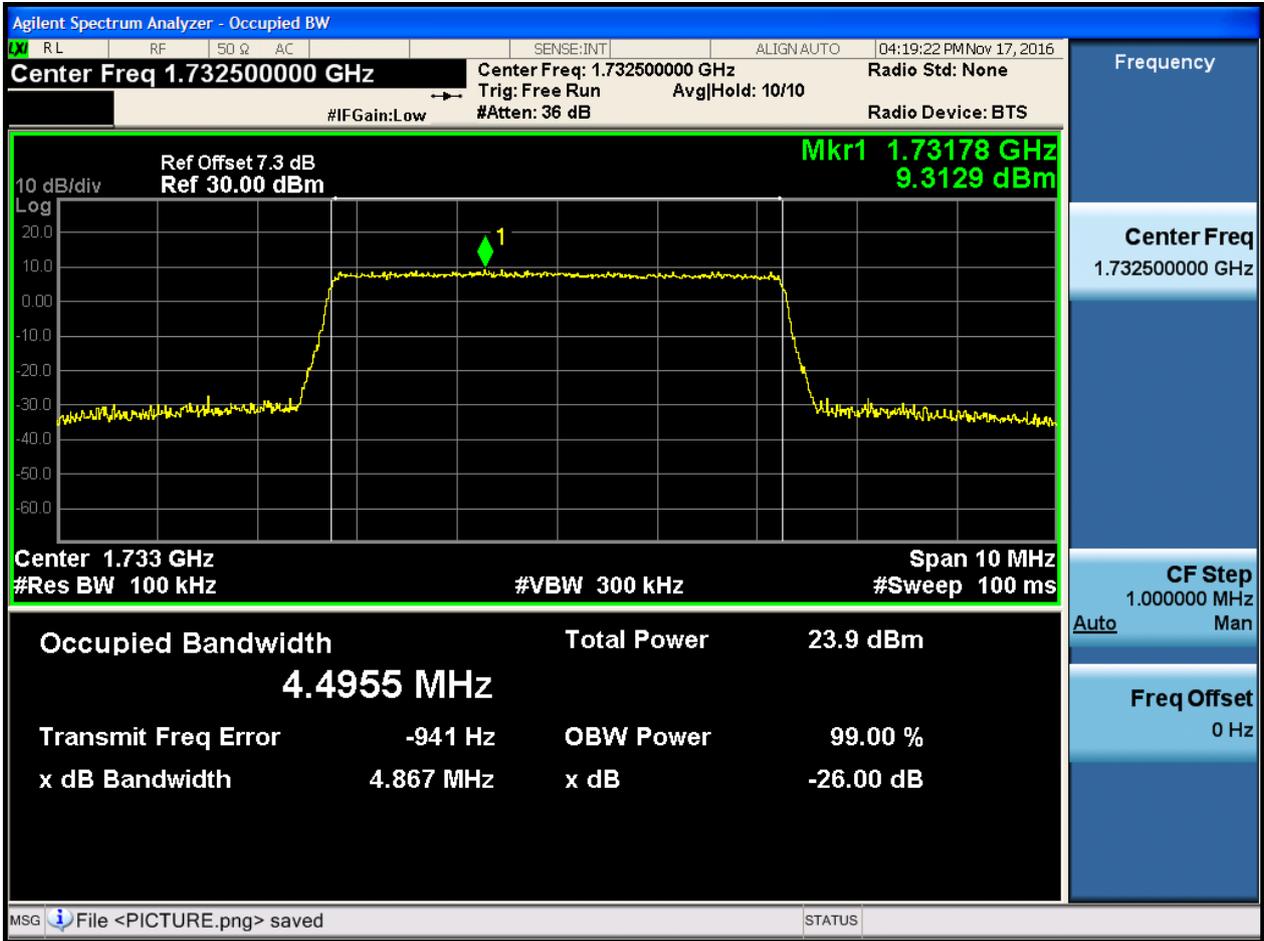
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

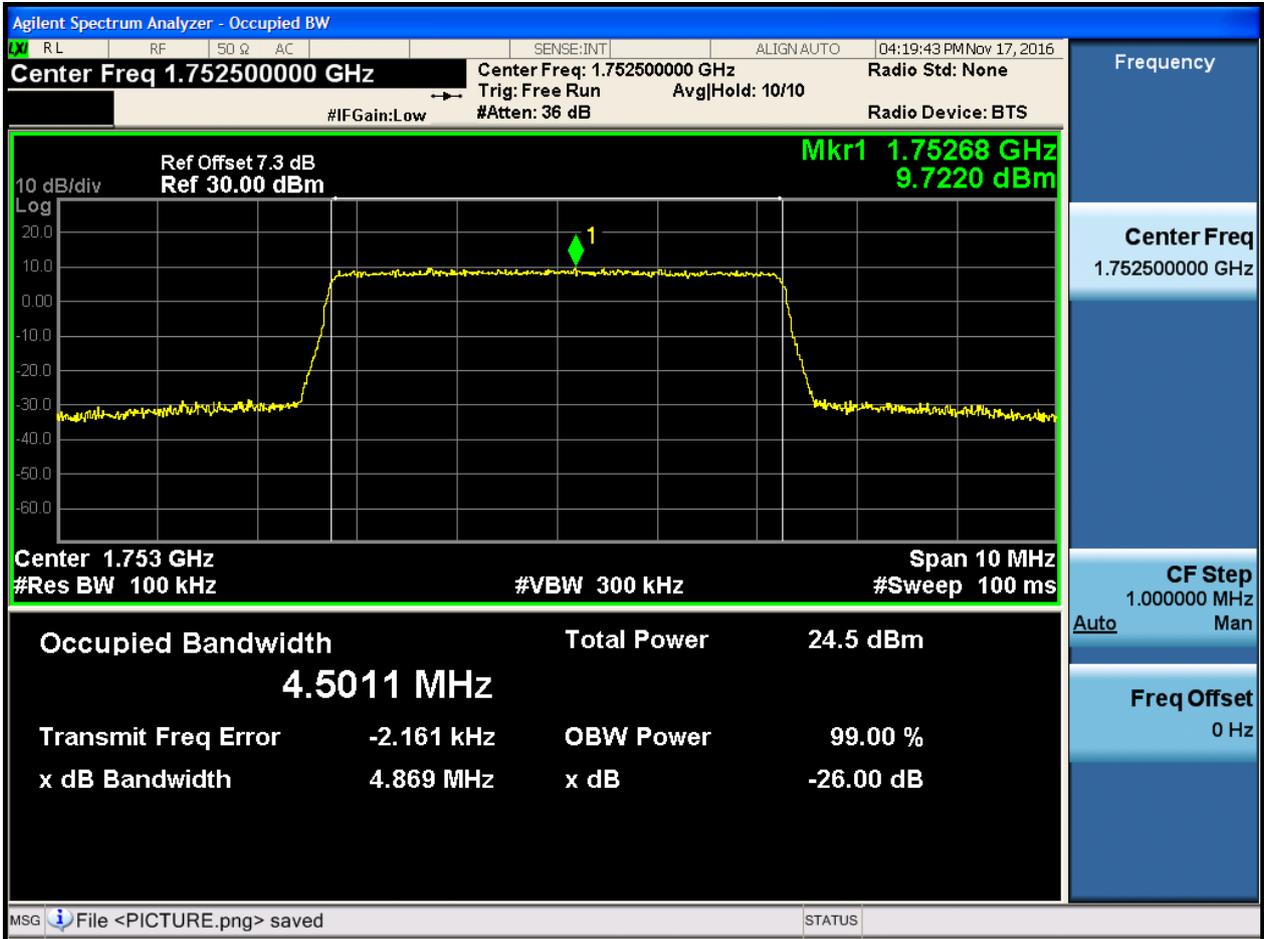
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

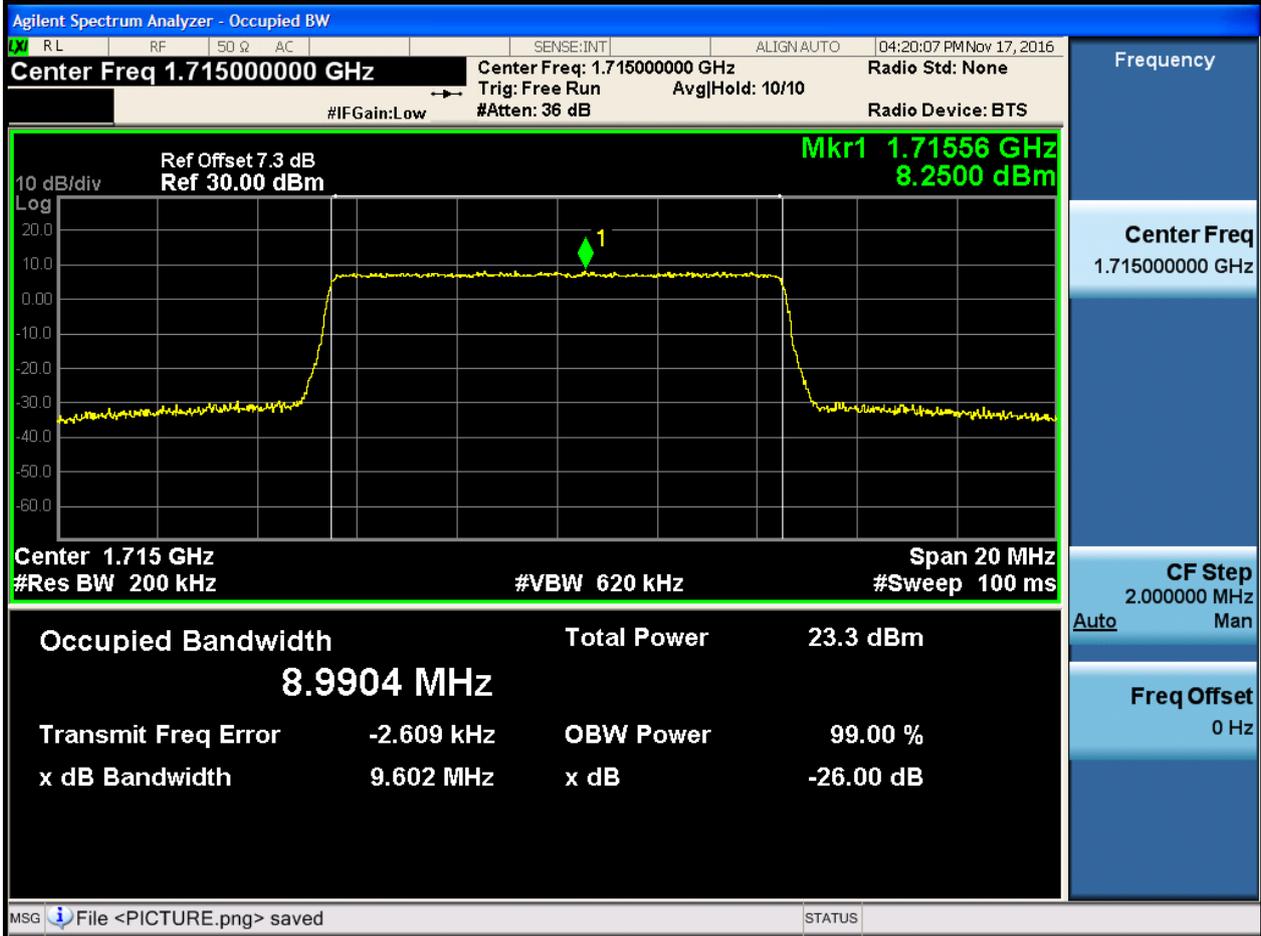




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

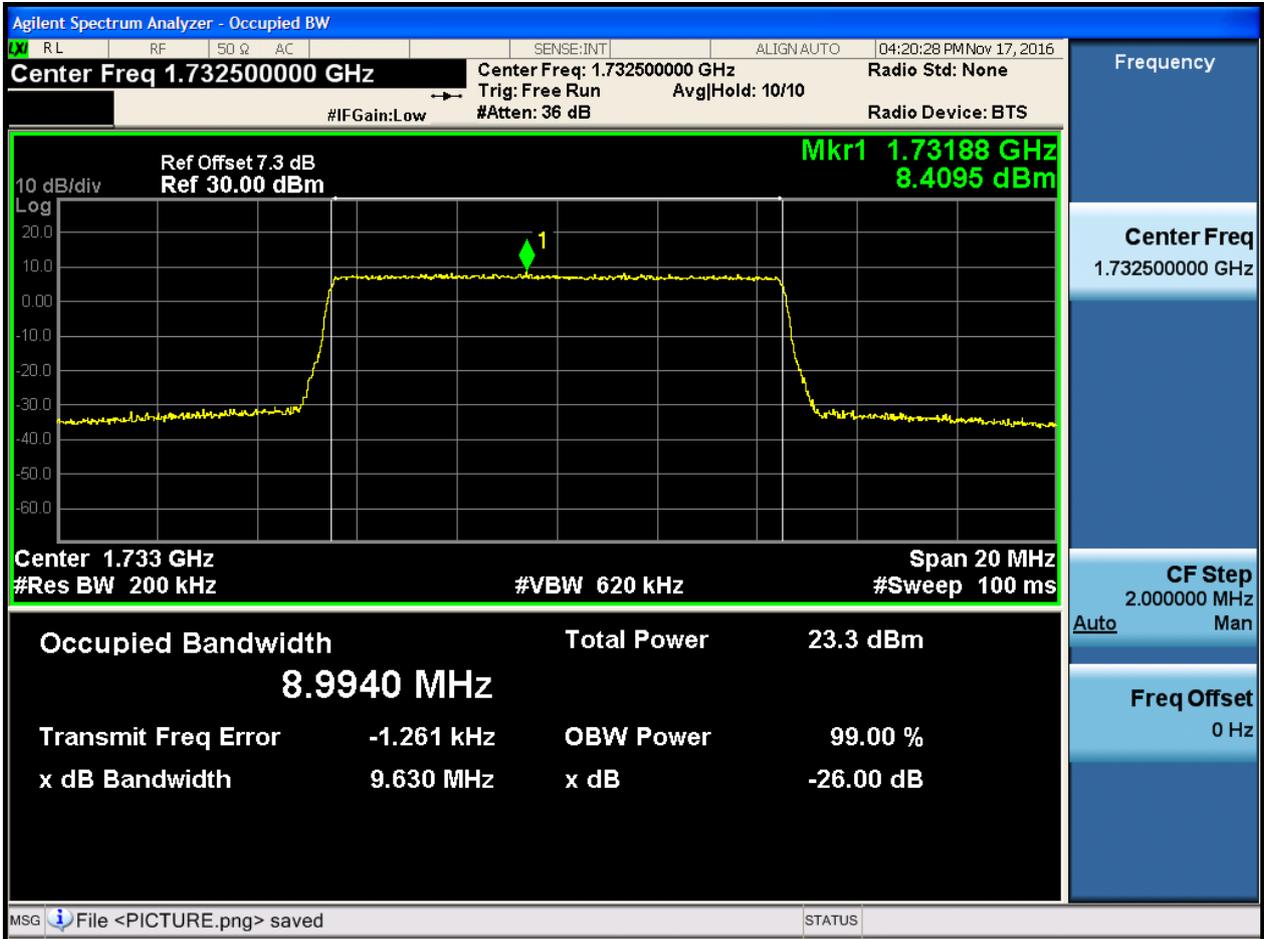
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

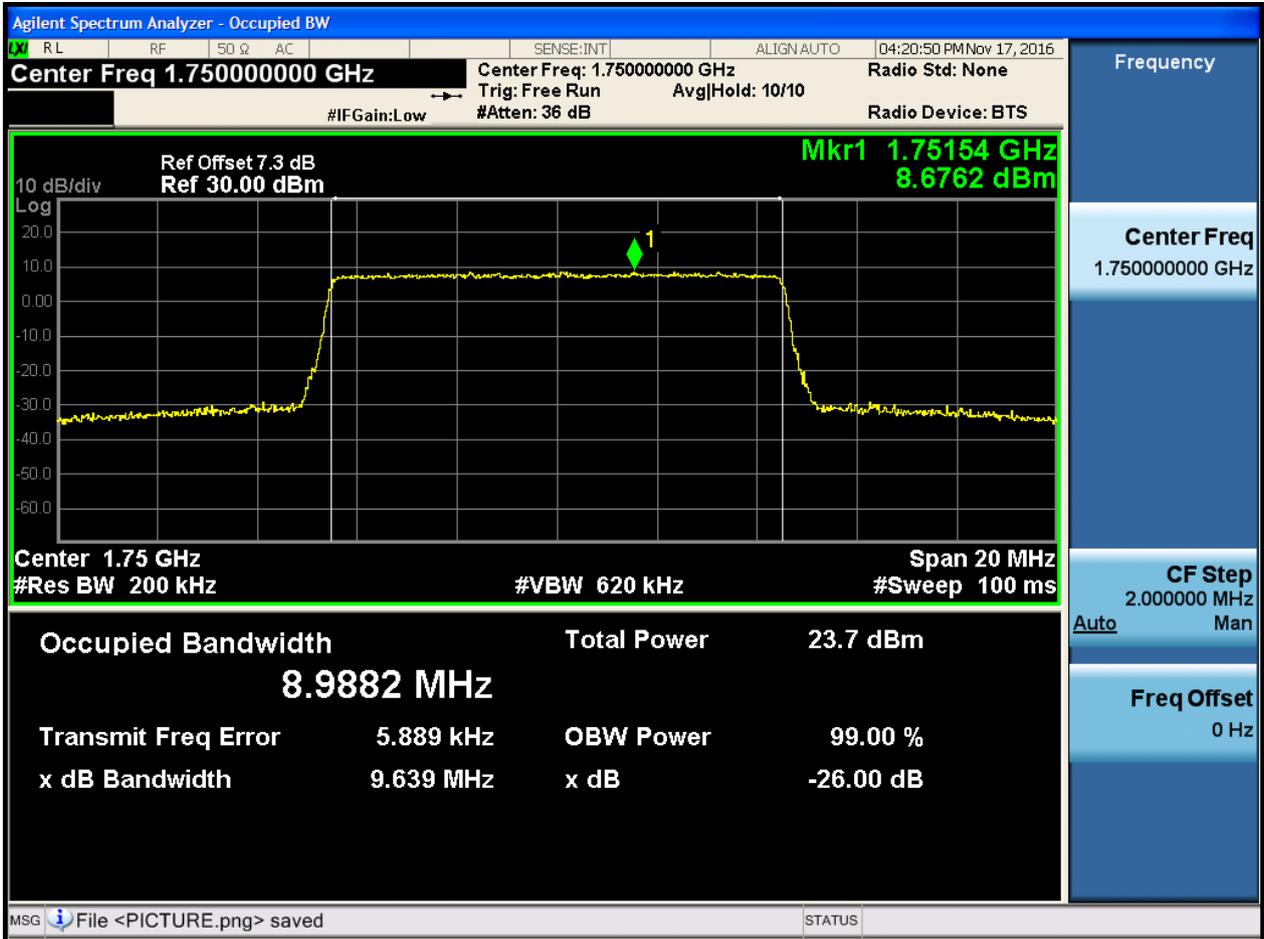
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

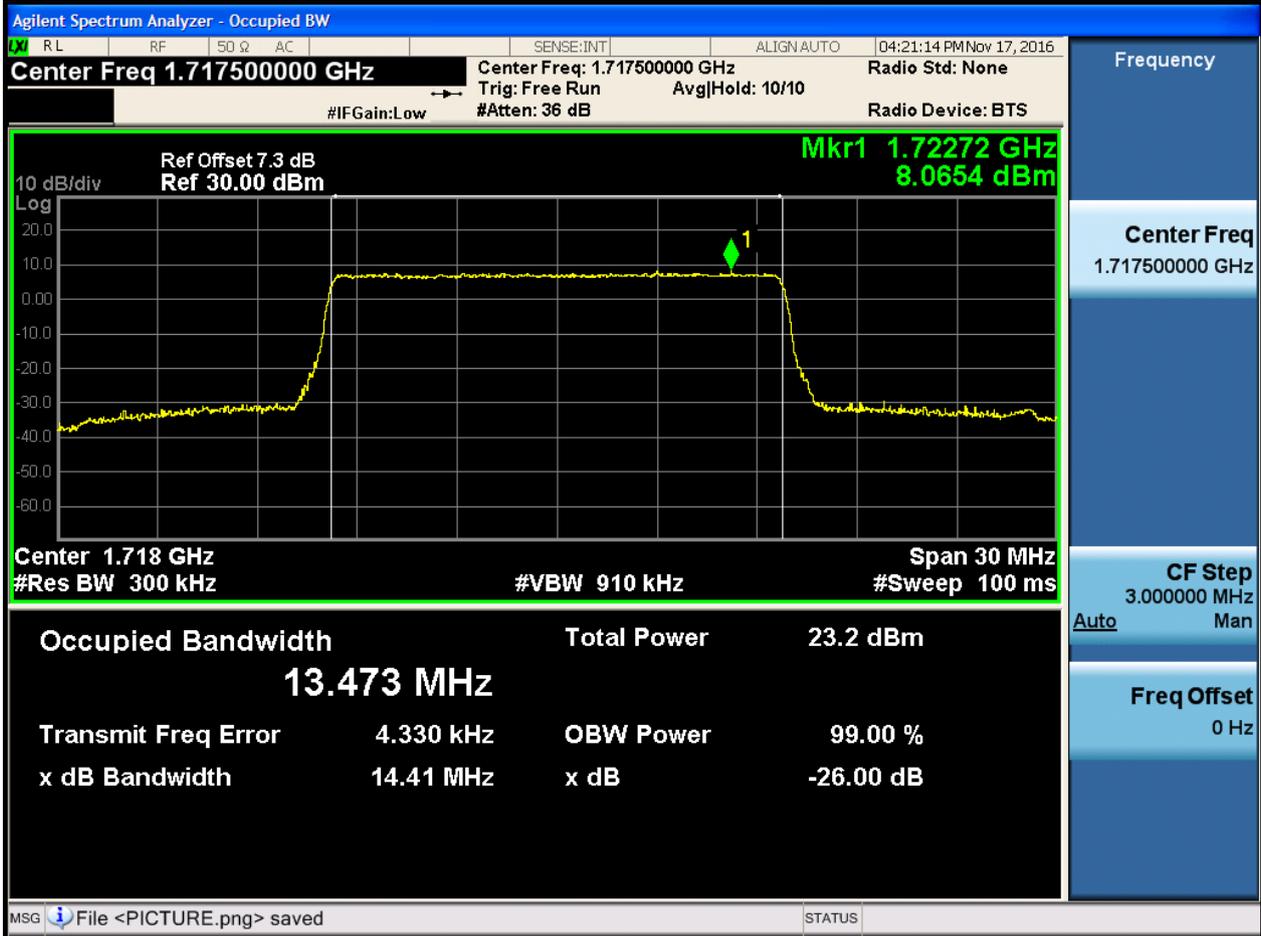




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

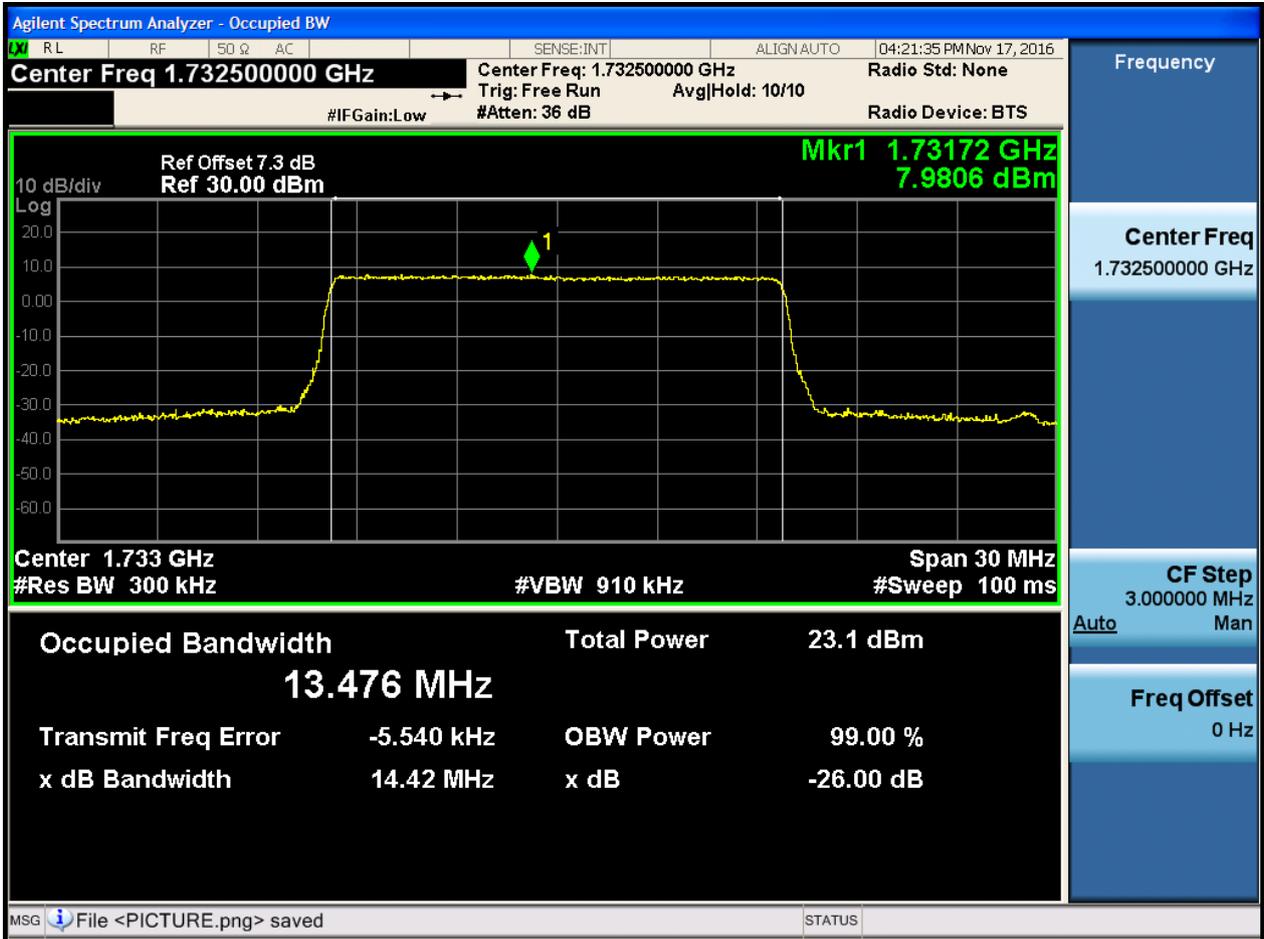
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

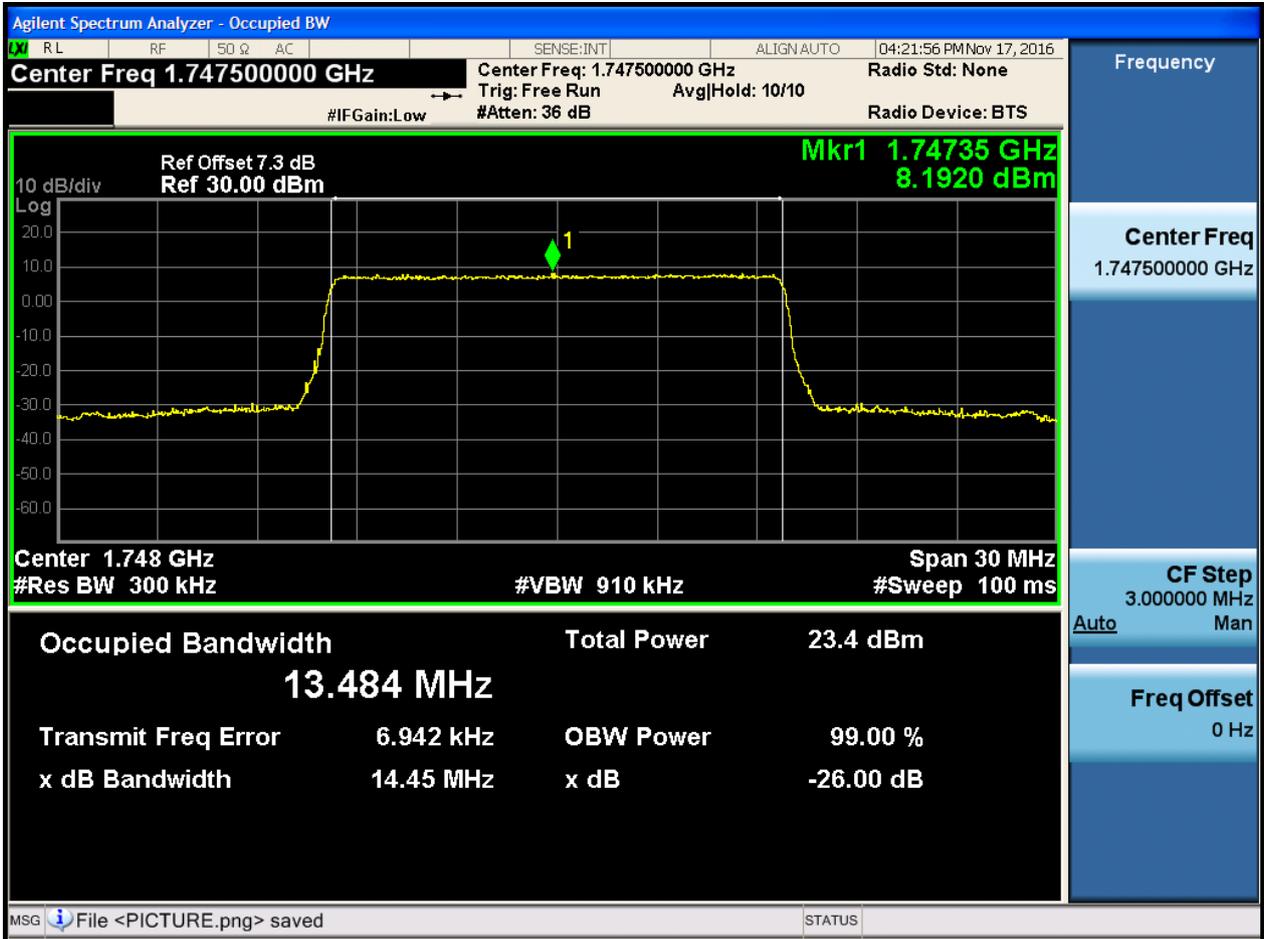
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

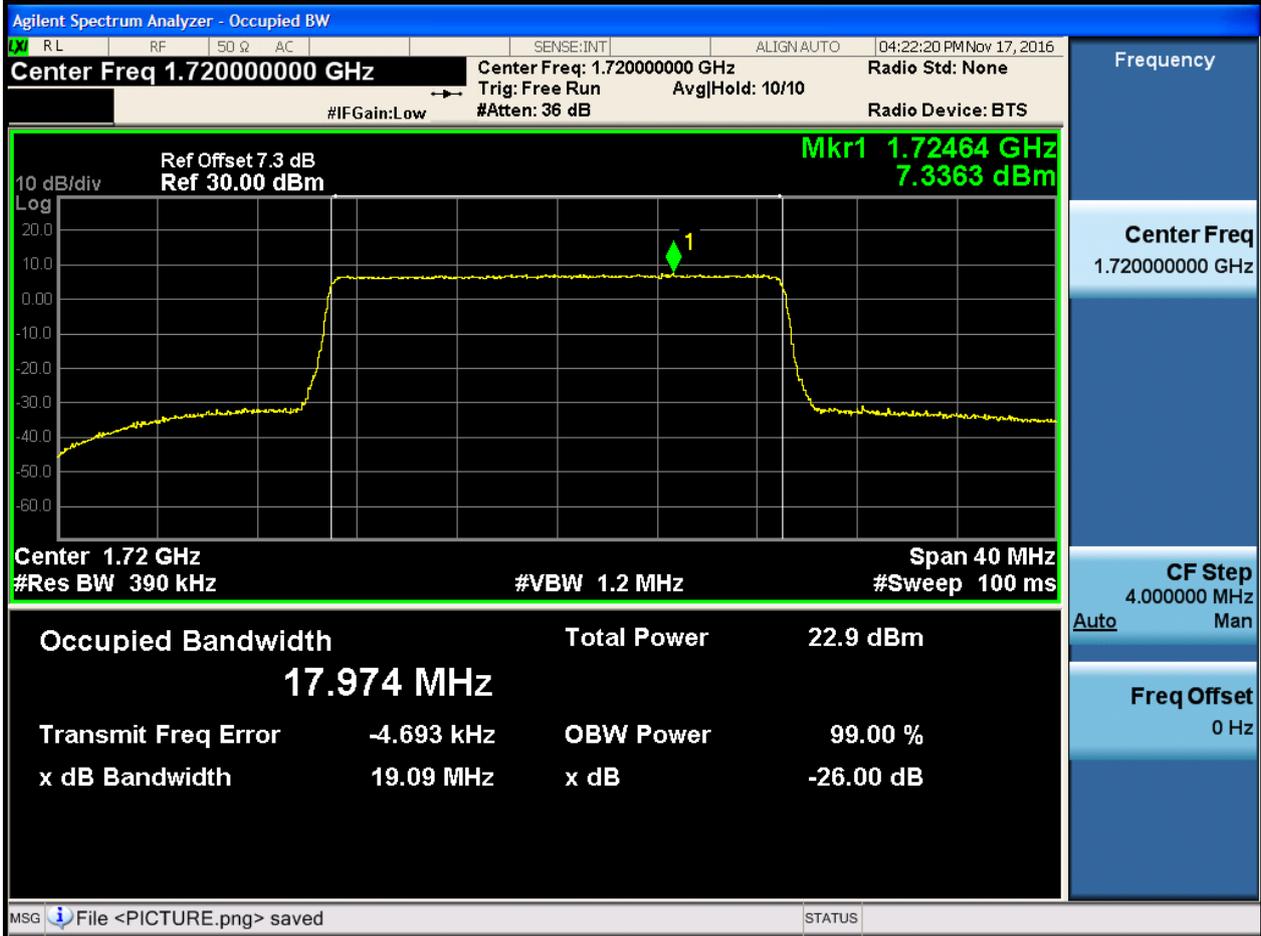




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

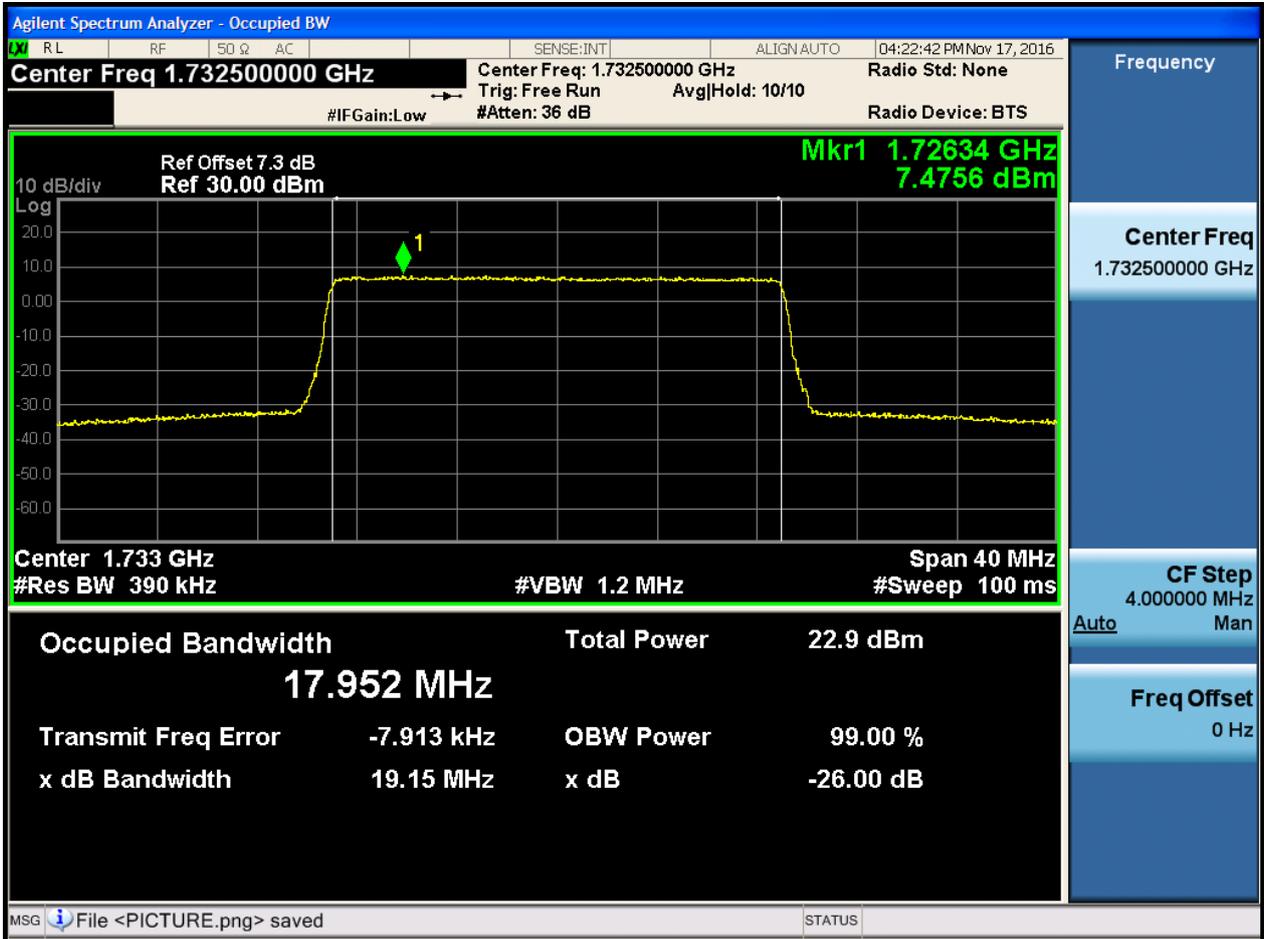
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

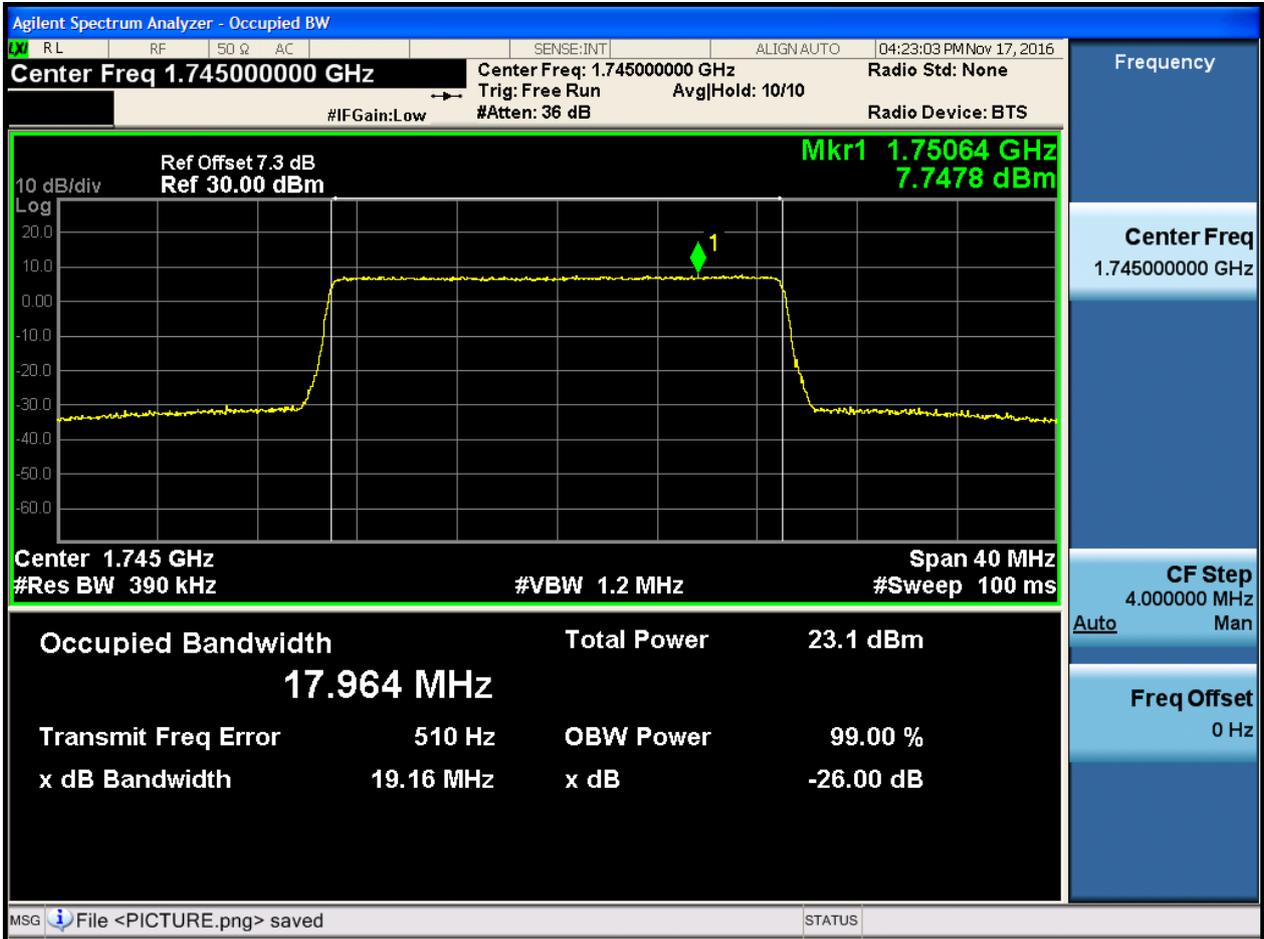
4.1.1.2.6.2.1 Test RB = RB100#0





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

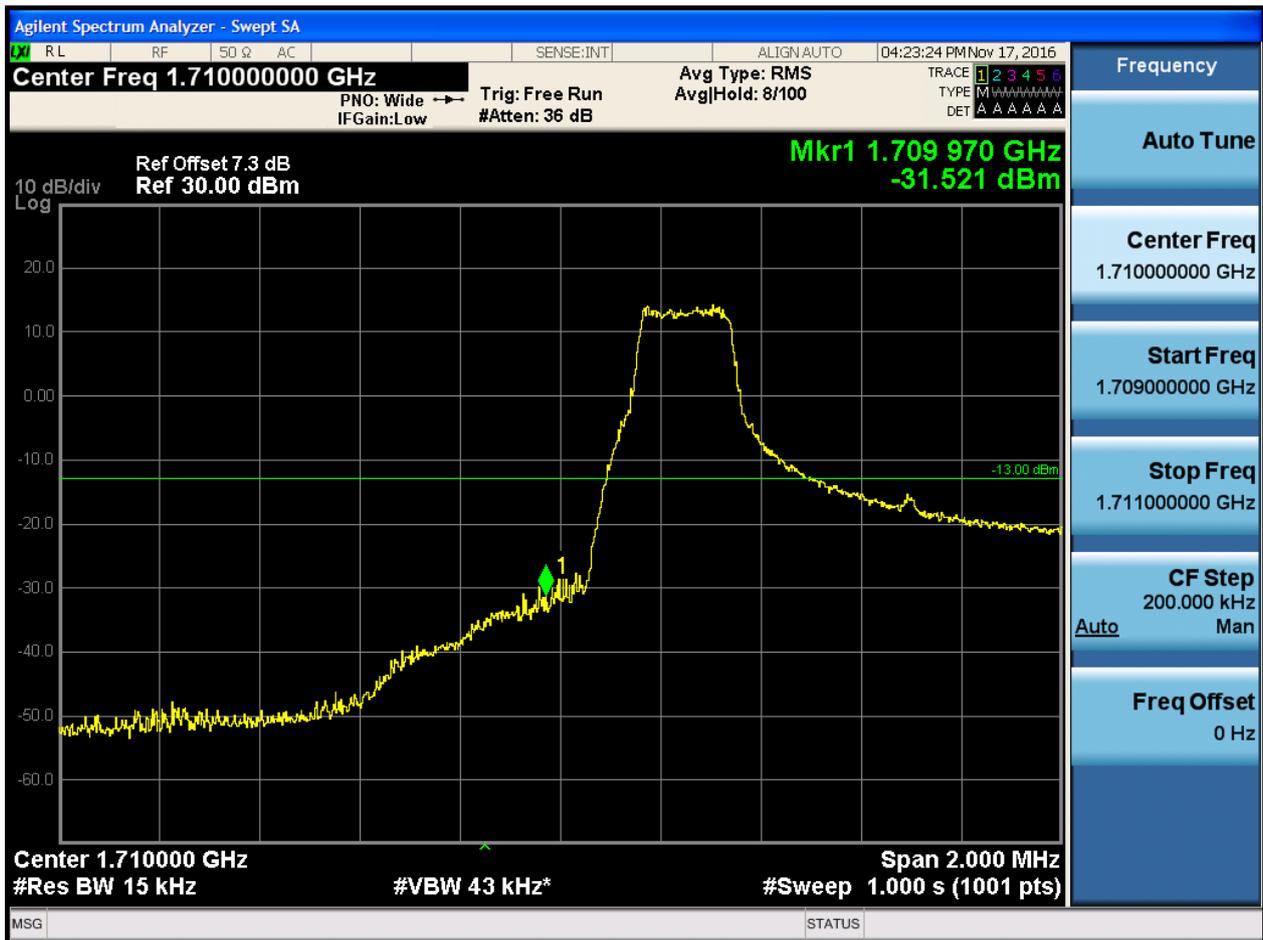
5.1.1 Test Band = BAND4

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



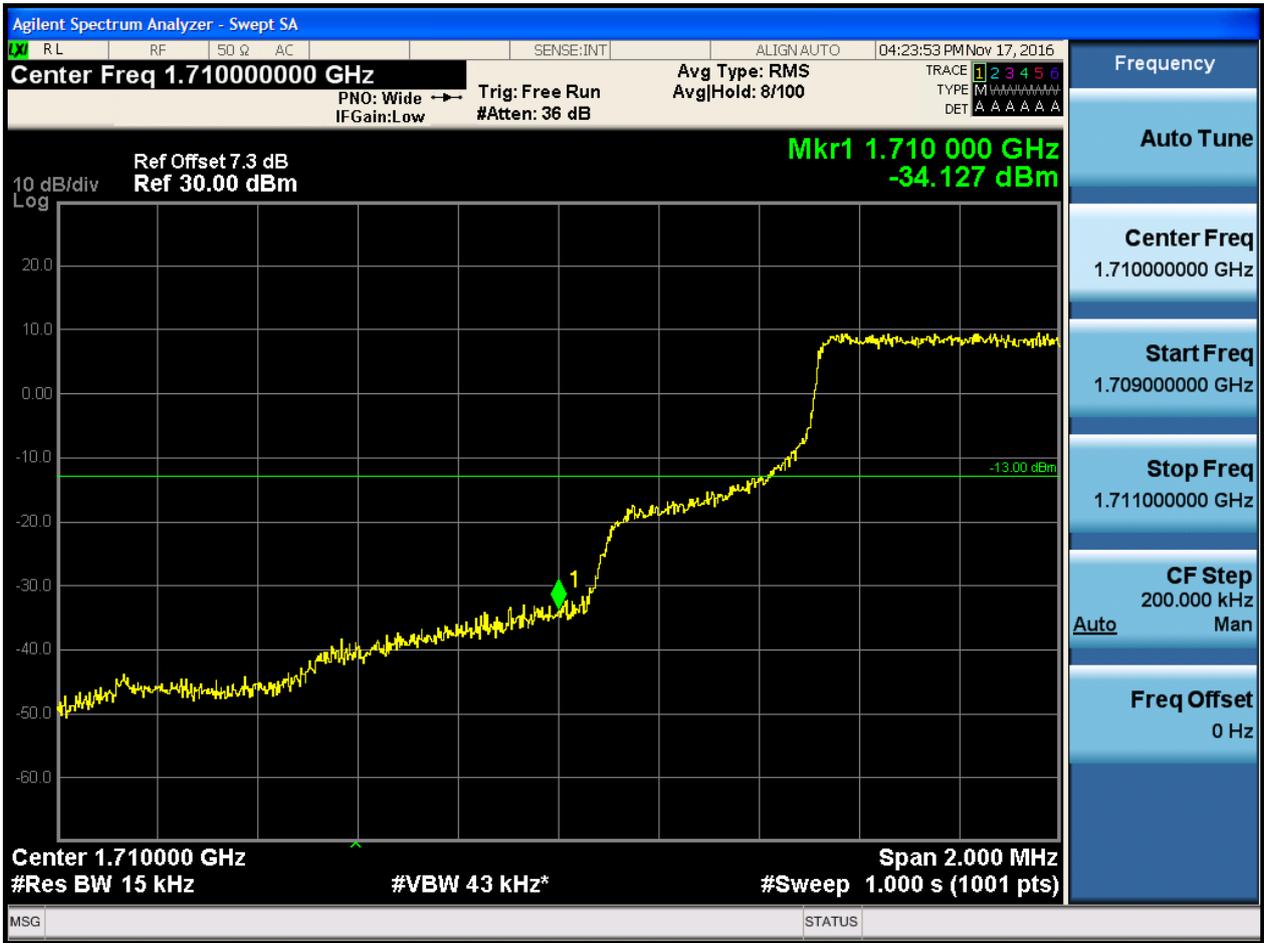


5.1.1.1.1.2 Test RB = RB1#5



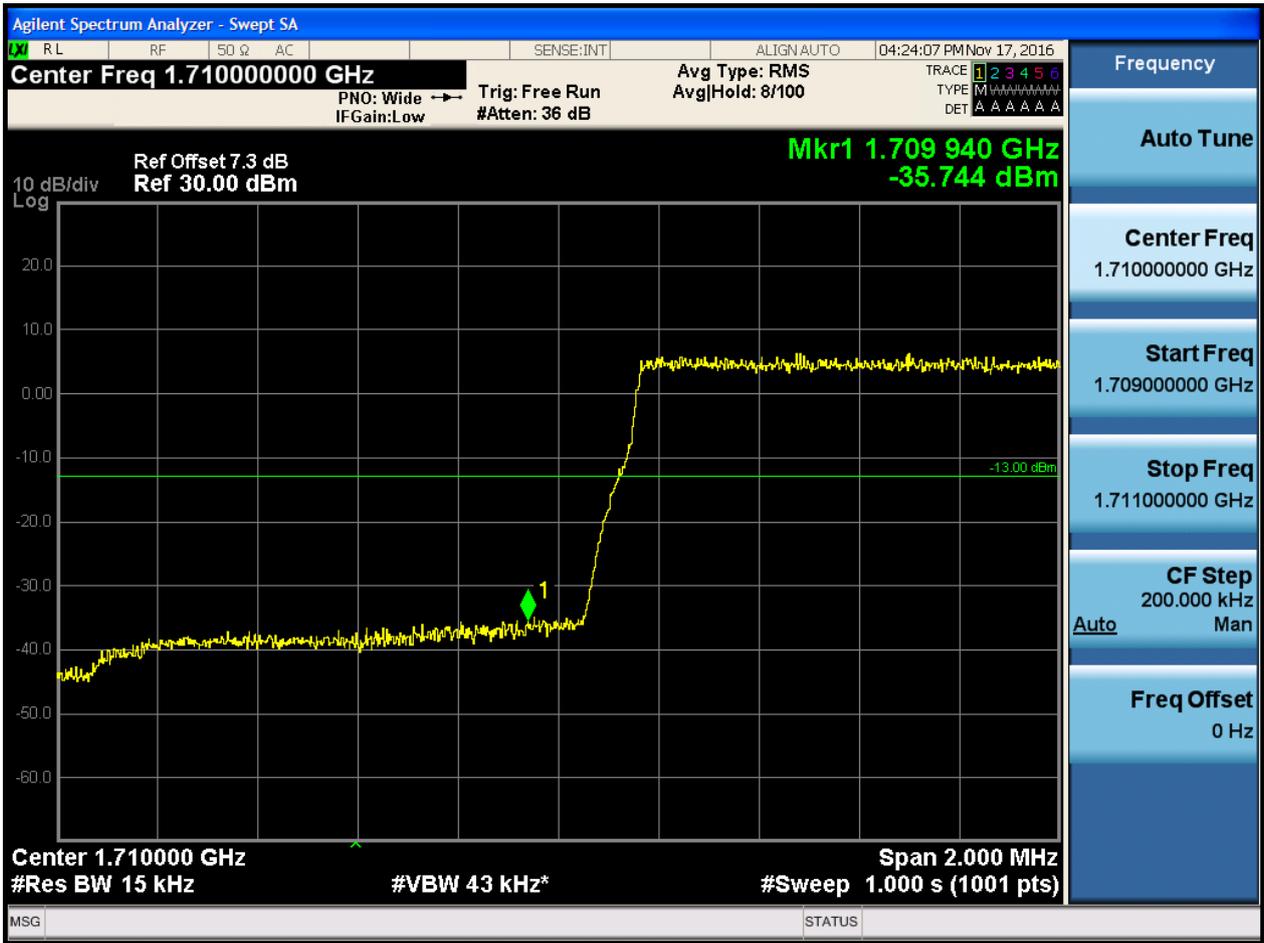


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





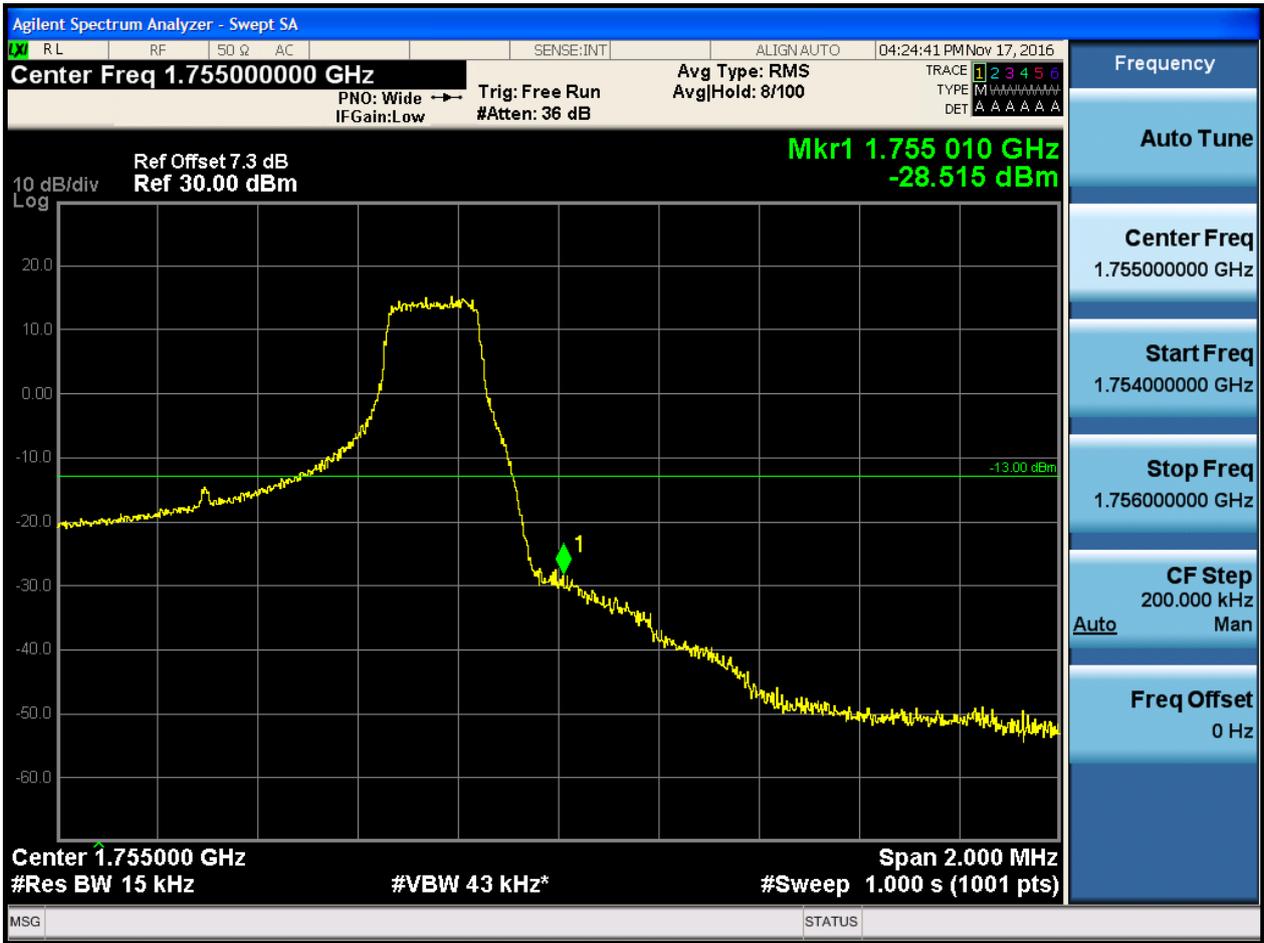
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.1.2.4 Test RB = RB6#0

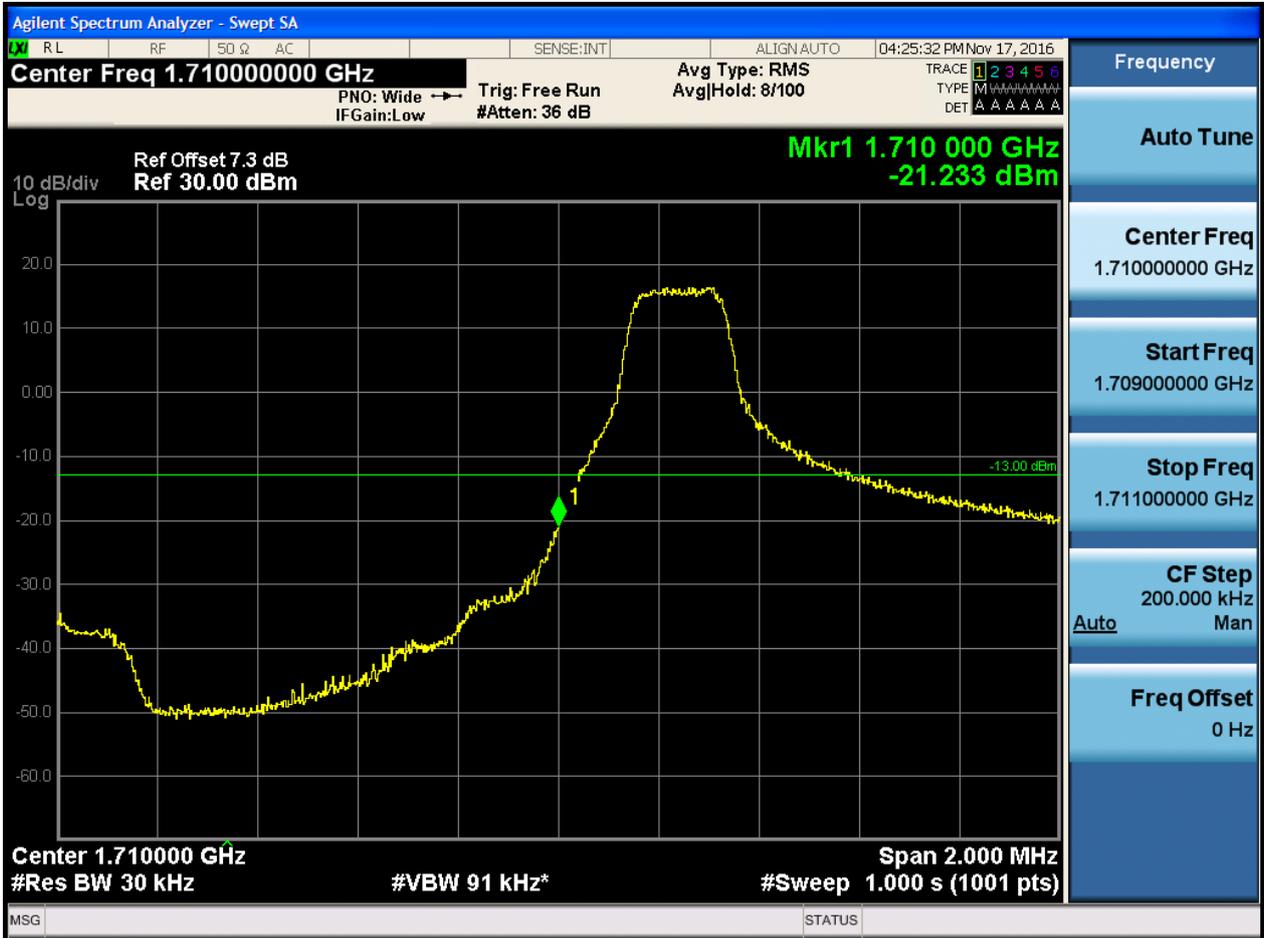




5.1.1.1.2 Test Bandwidth = 3

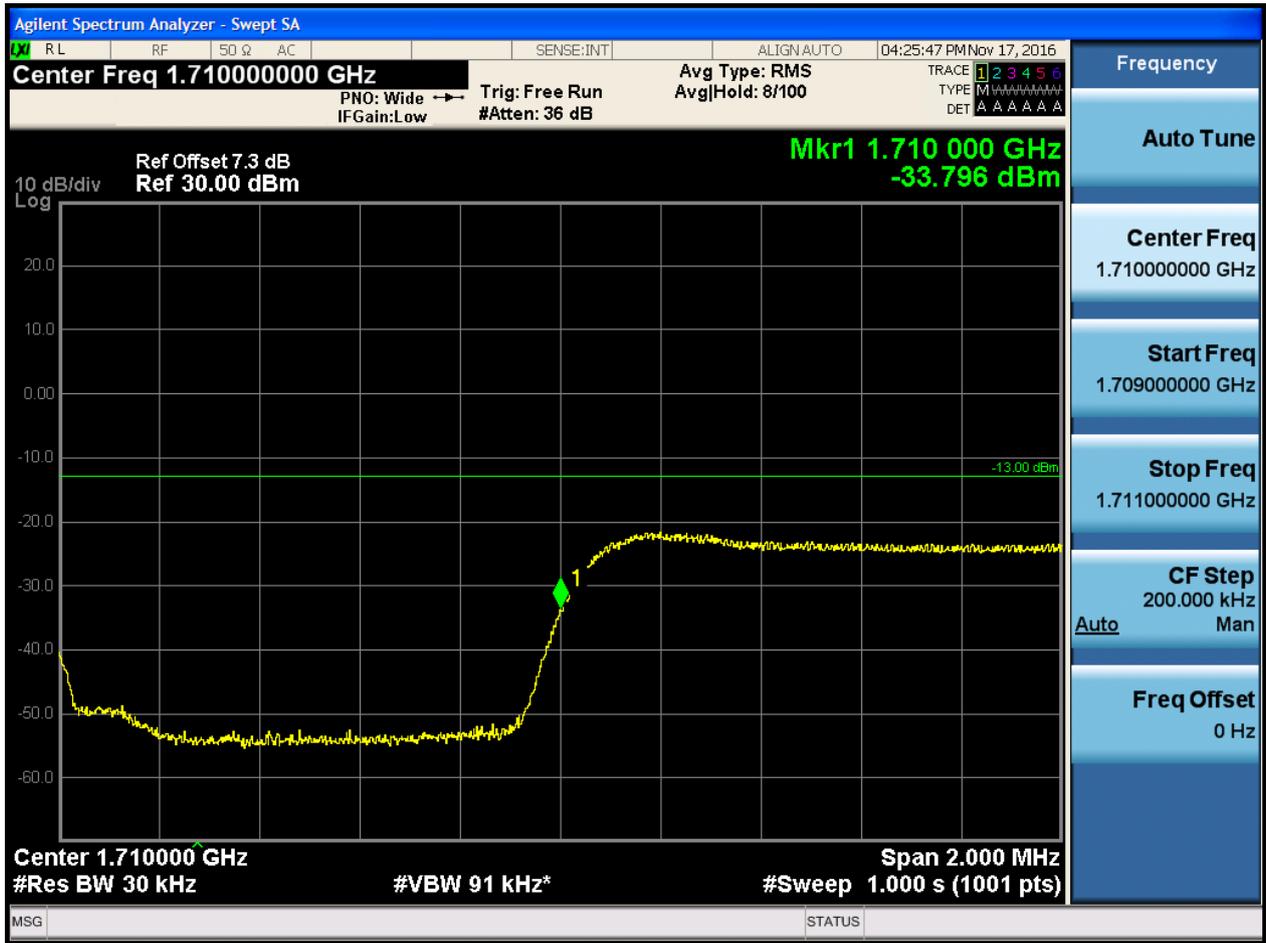
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



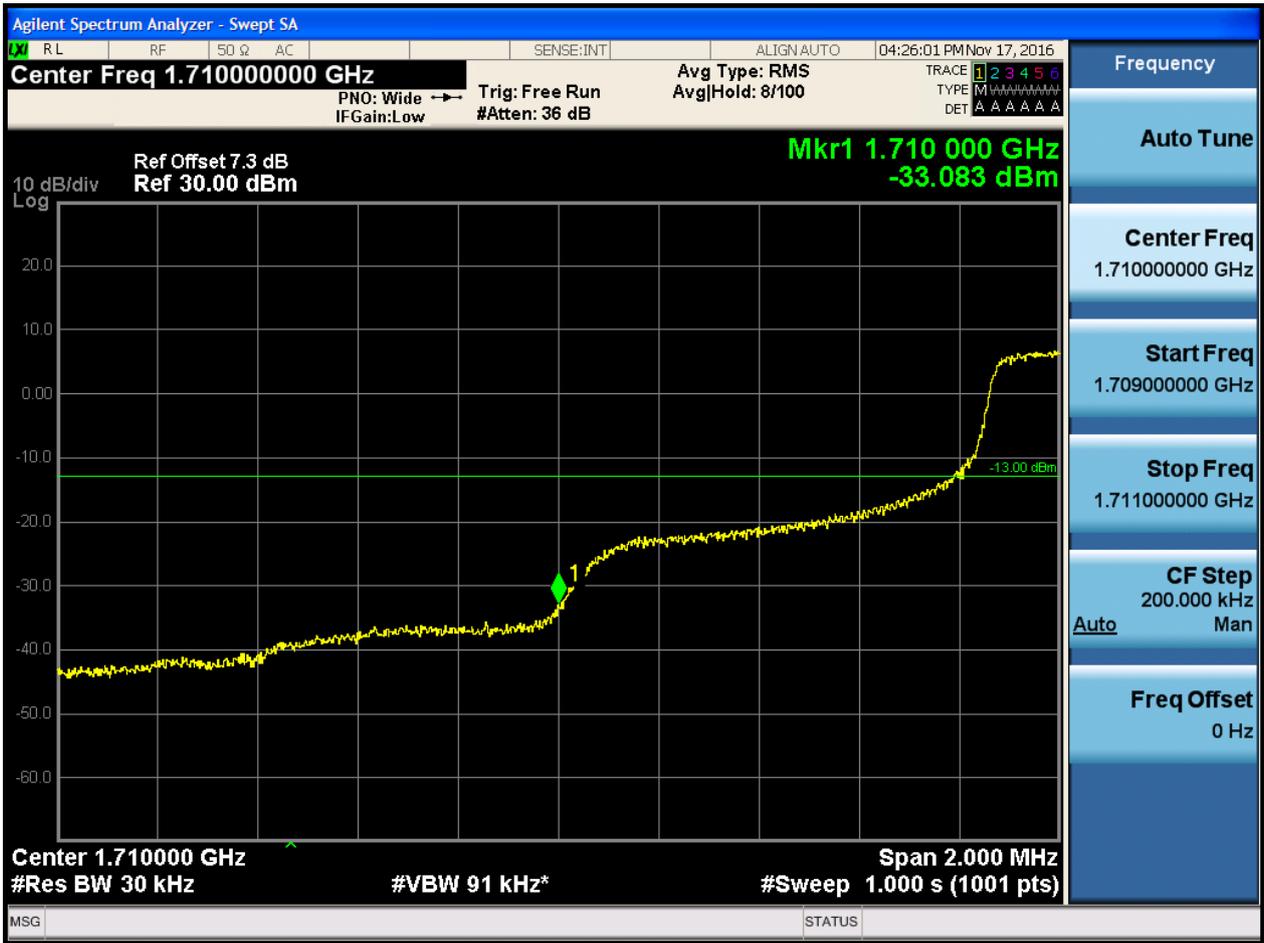


5.1.1.1.2.1.2 Test RB = RB1#14



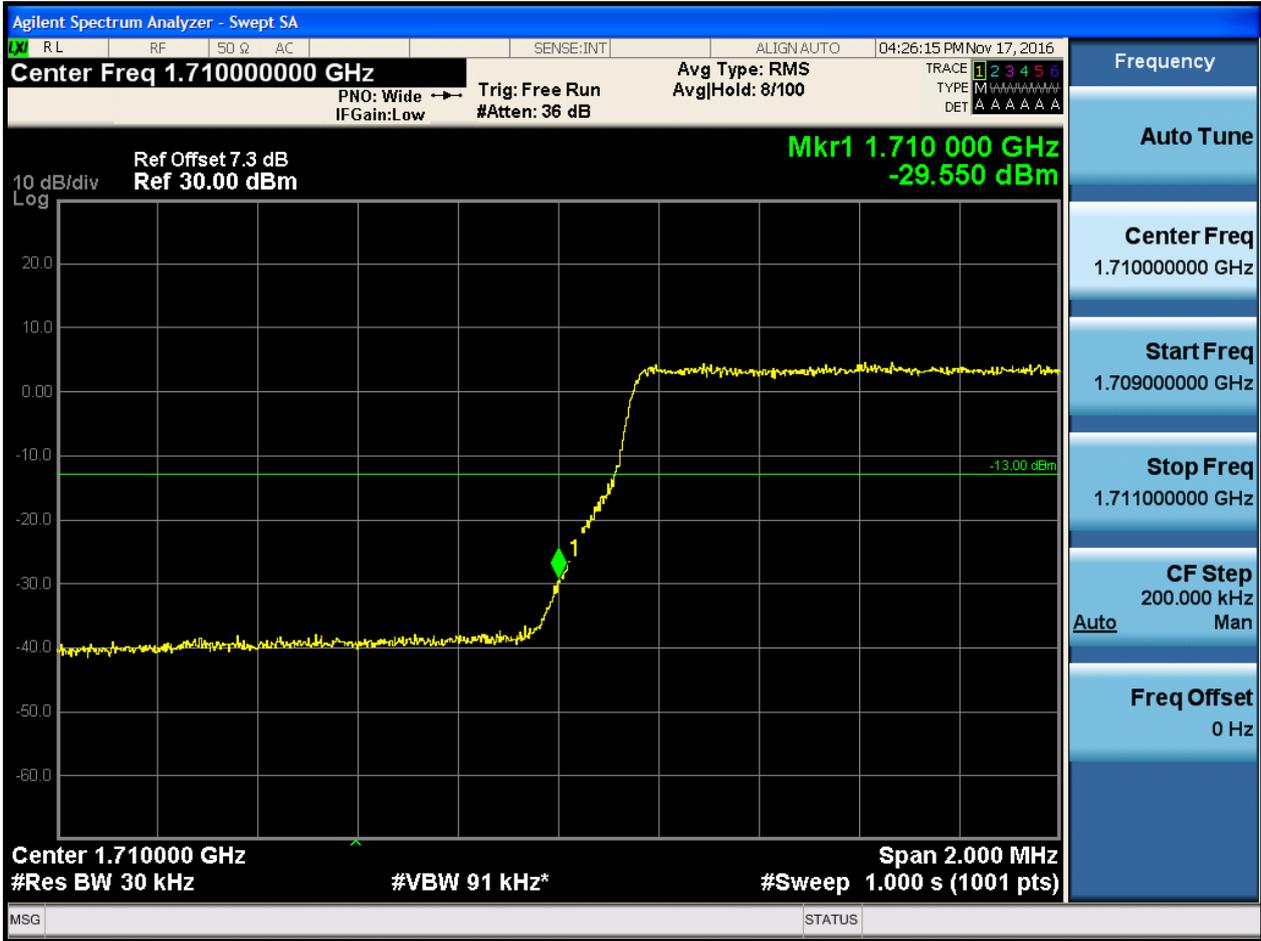


5.1.1.1.2.1.3 Test RB = RB8#4





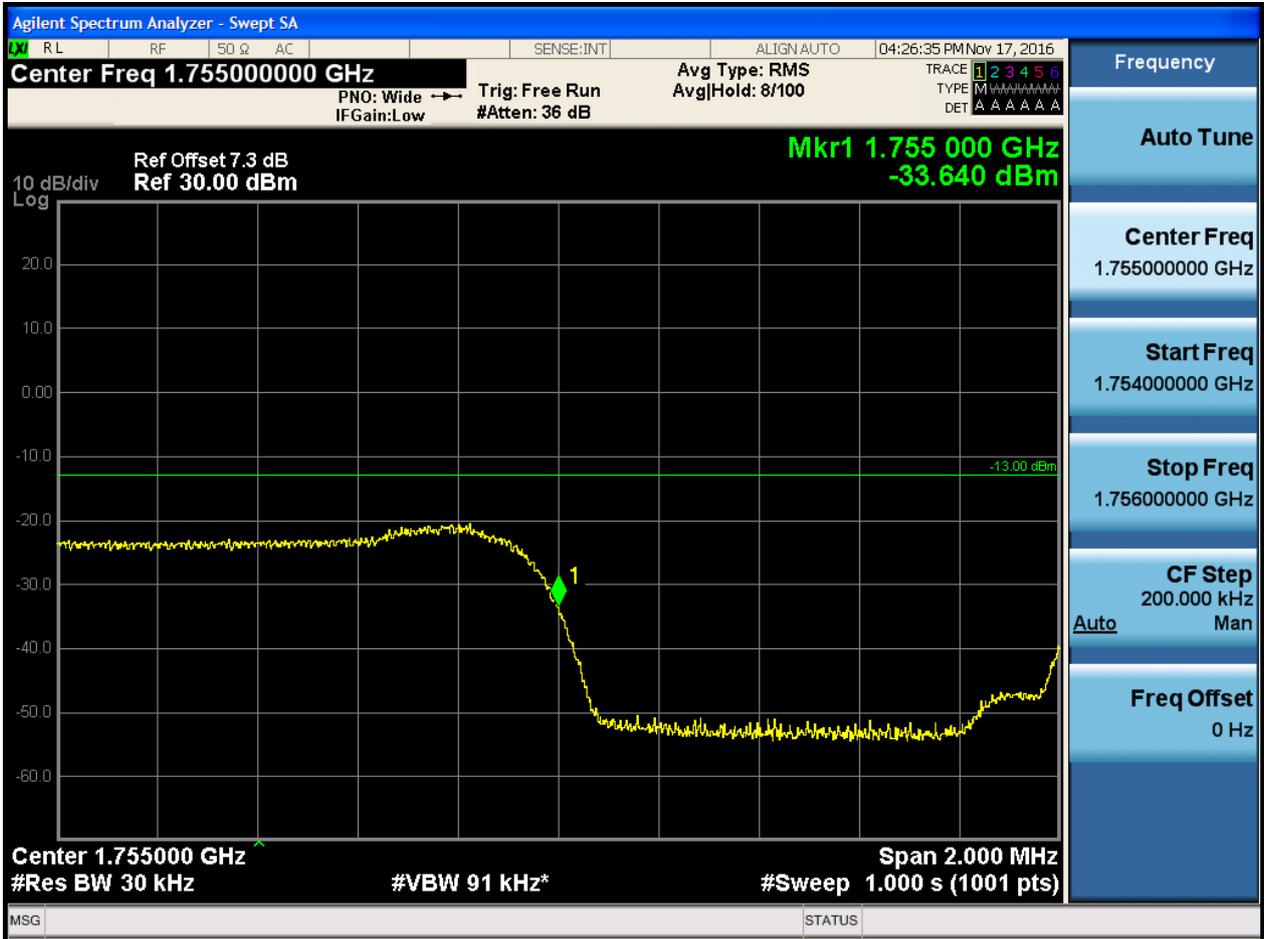
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

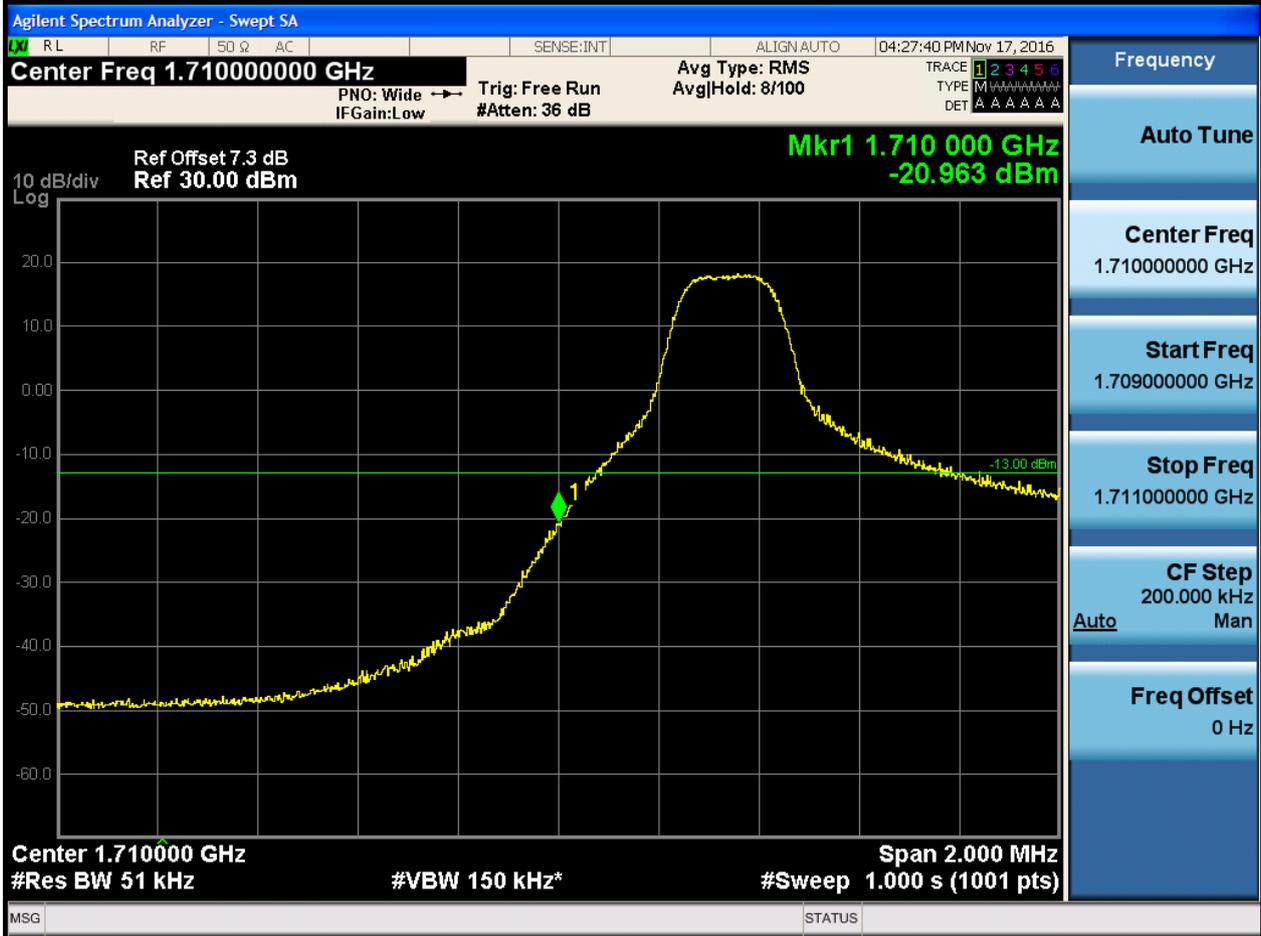




5.1.1.1.3 Test Bandwidth = 5

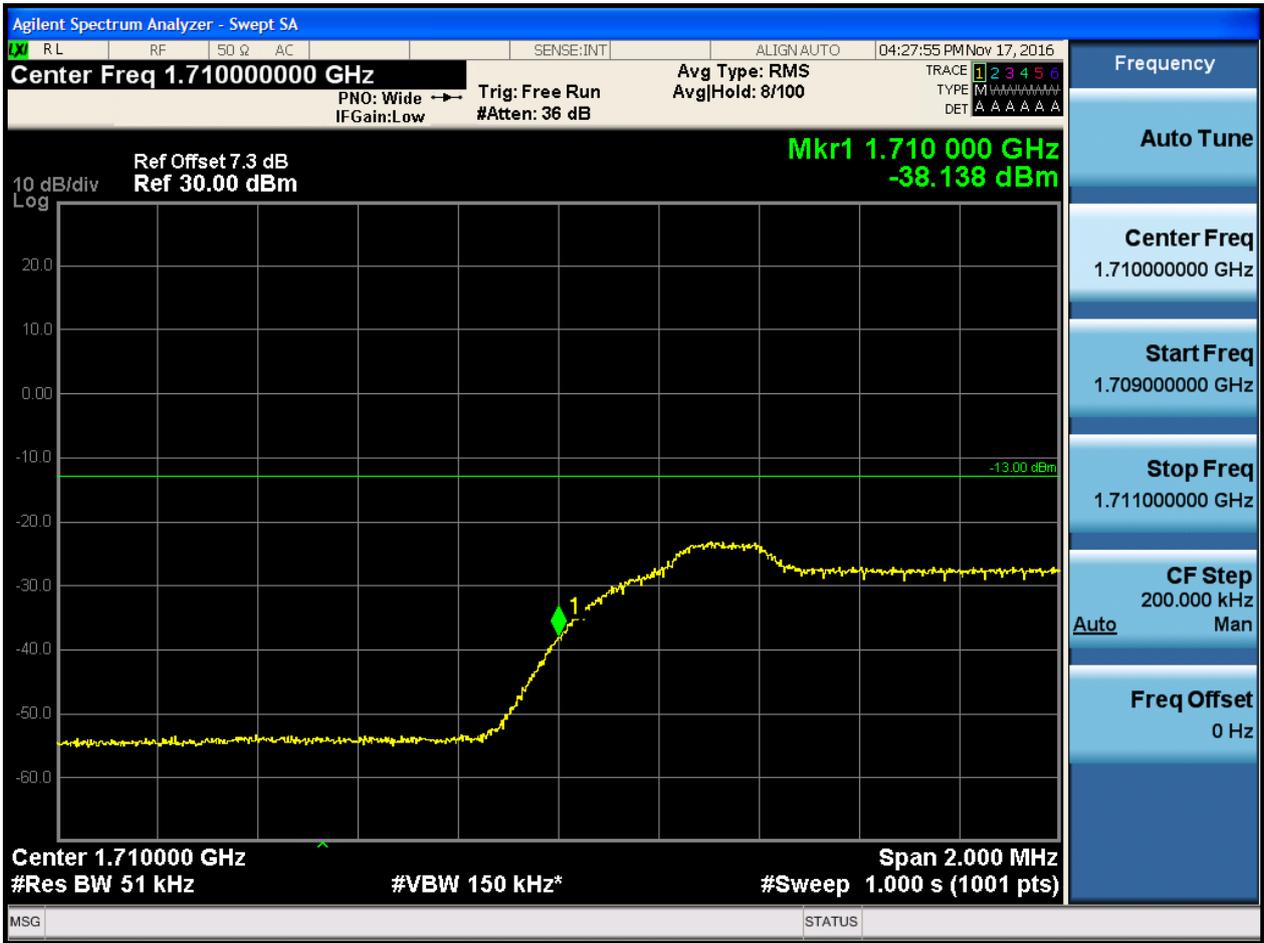
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



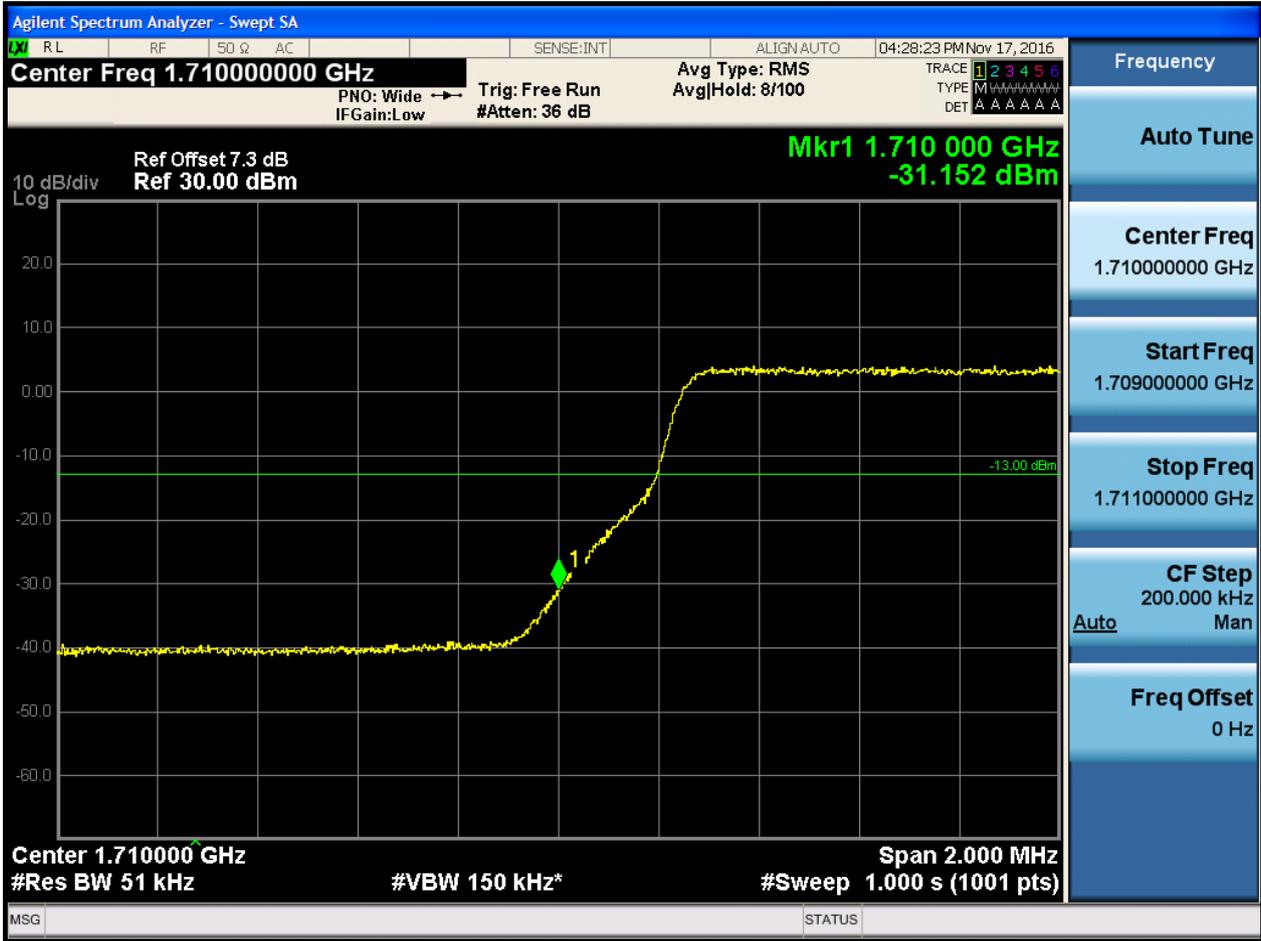


5.1.1.1.3.1.3 Test RB = RB12#6





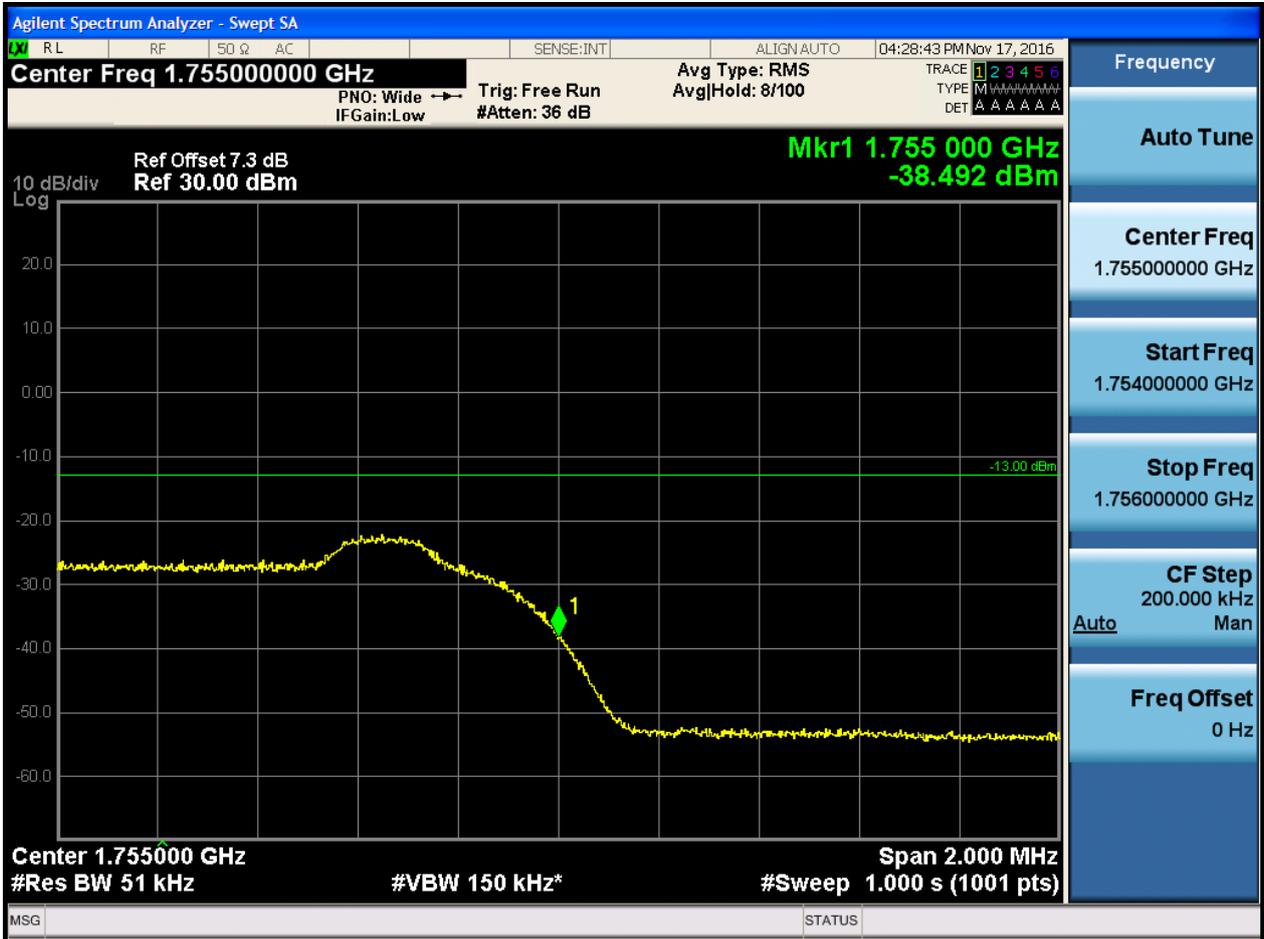
5.1.1.1.3.1.4 Test RB = RB25#0





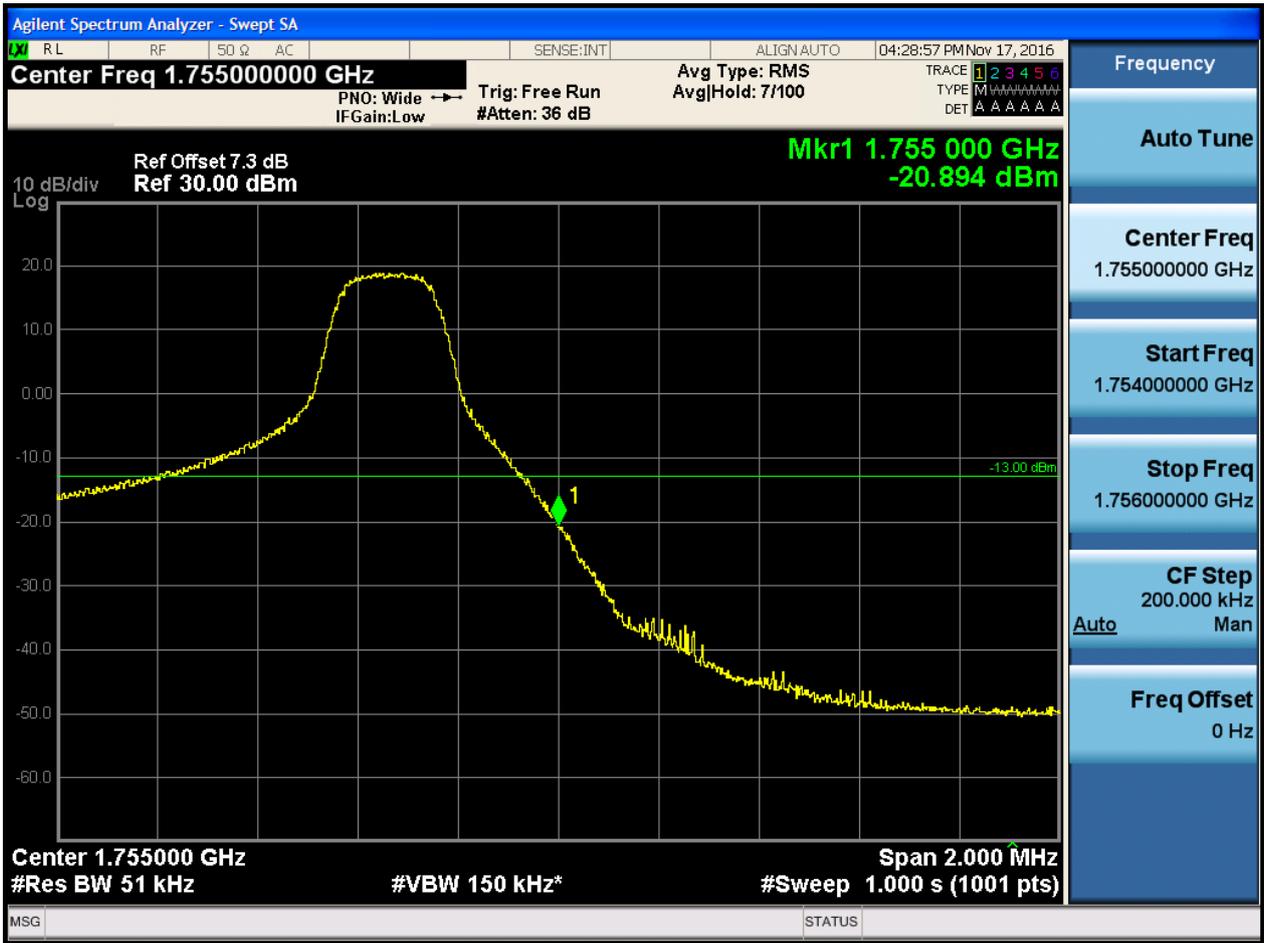
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



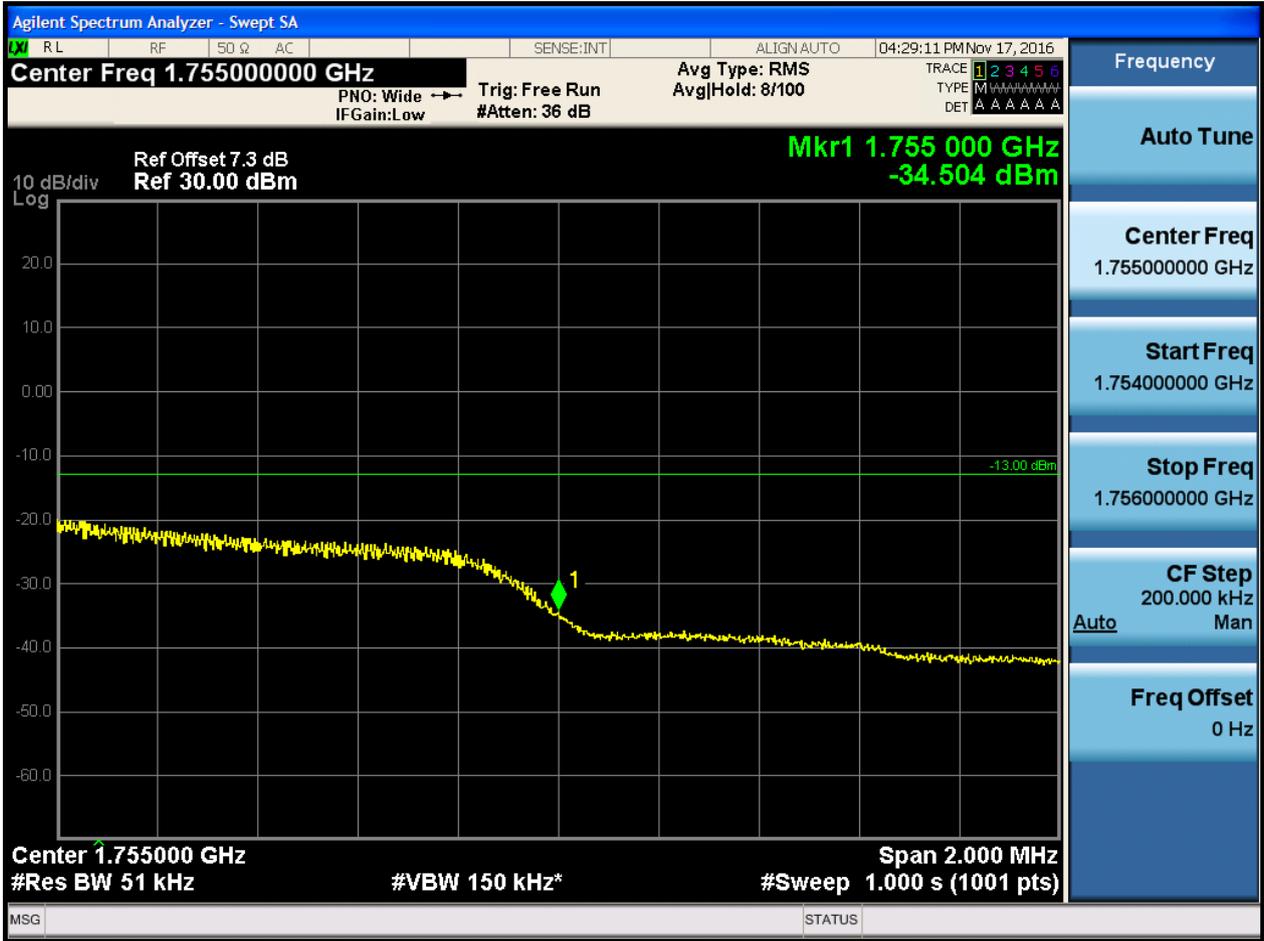


5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

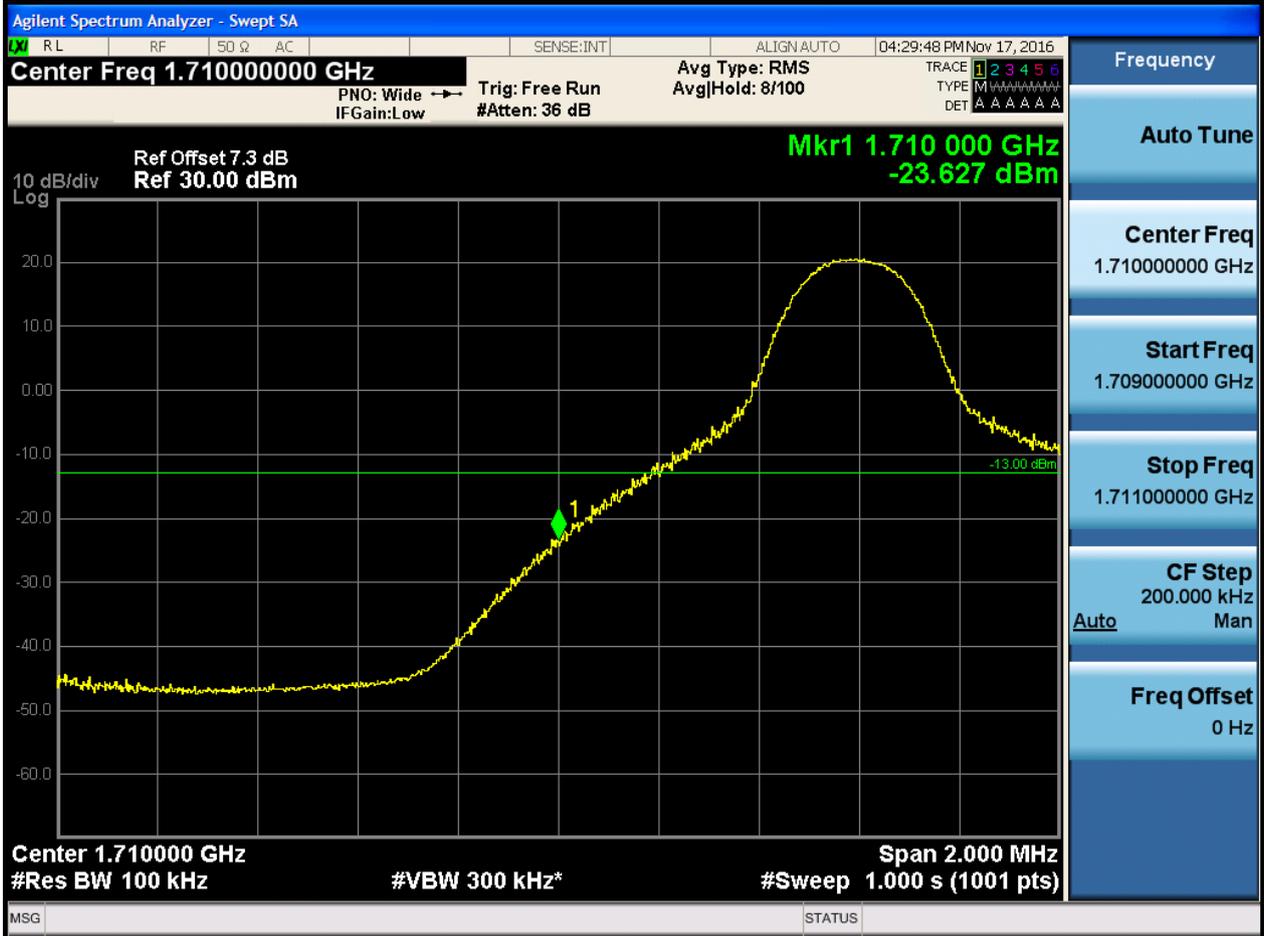




5.1.1.1.4 Test Bandwidth = 10

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





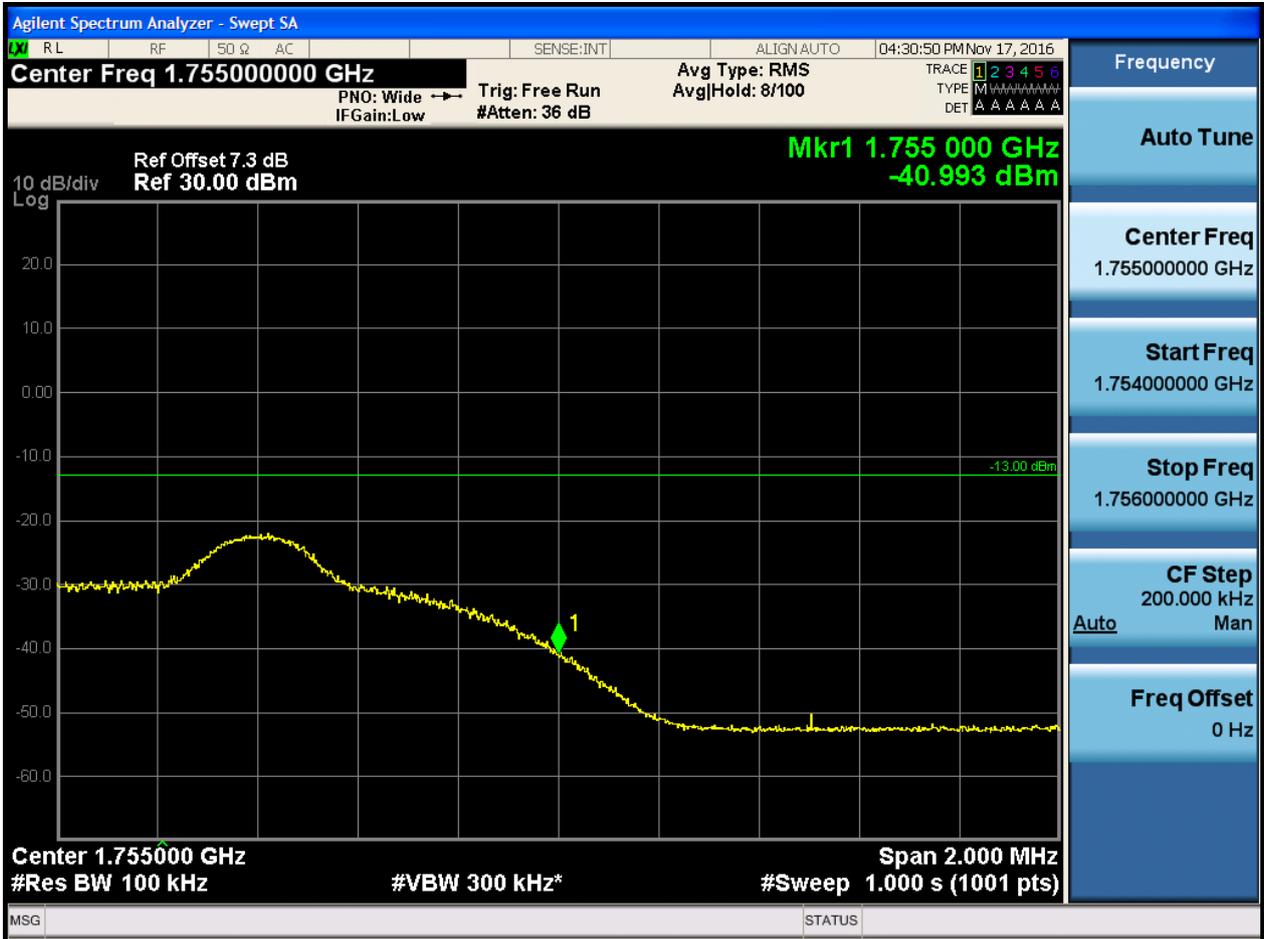
5.1.1.1.4.1.4 Test RB = RB50#0





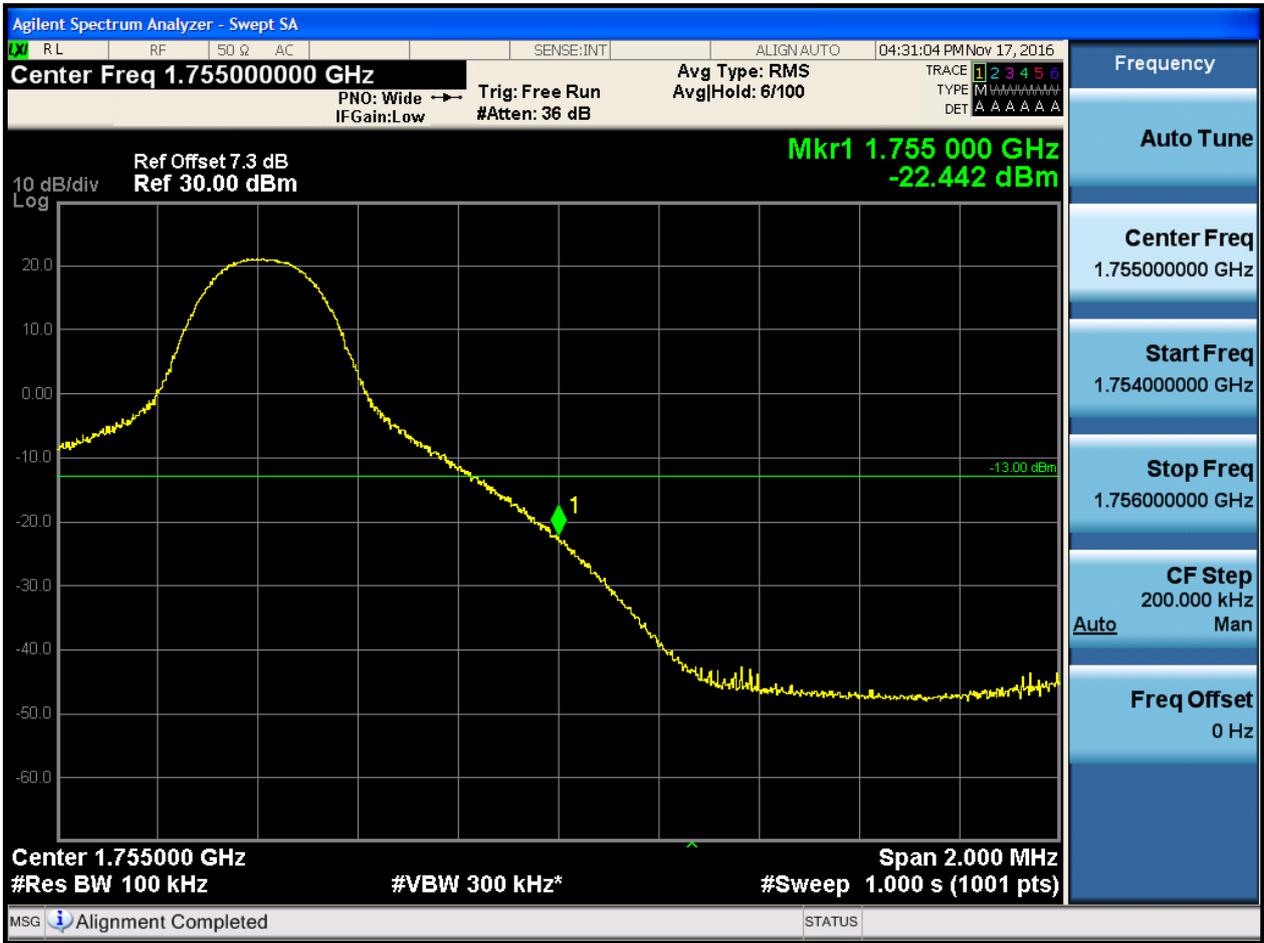
5.1.1.1.4.2 Test Channel = HCH

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

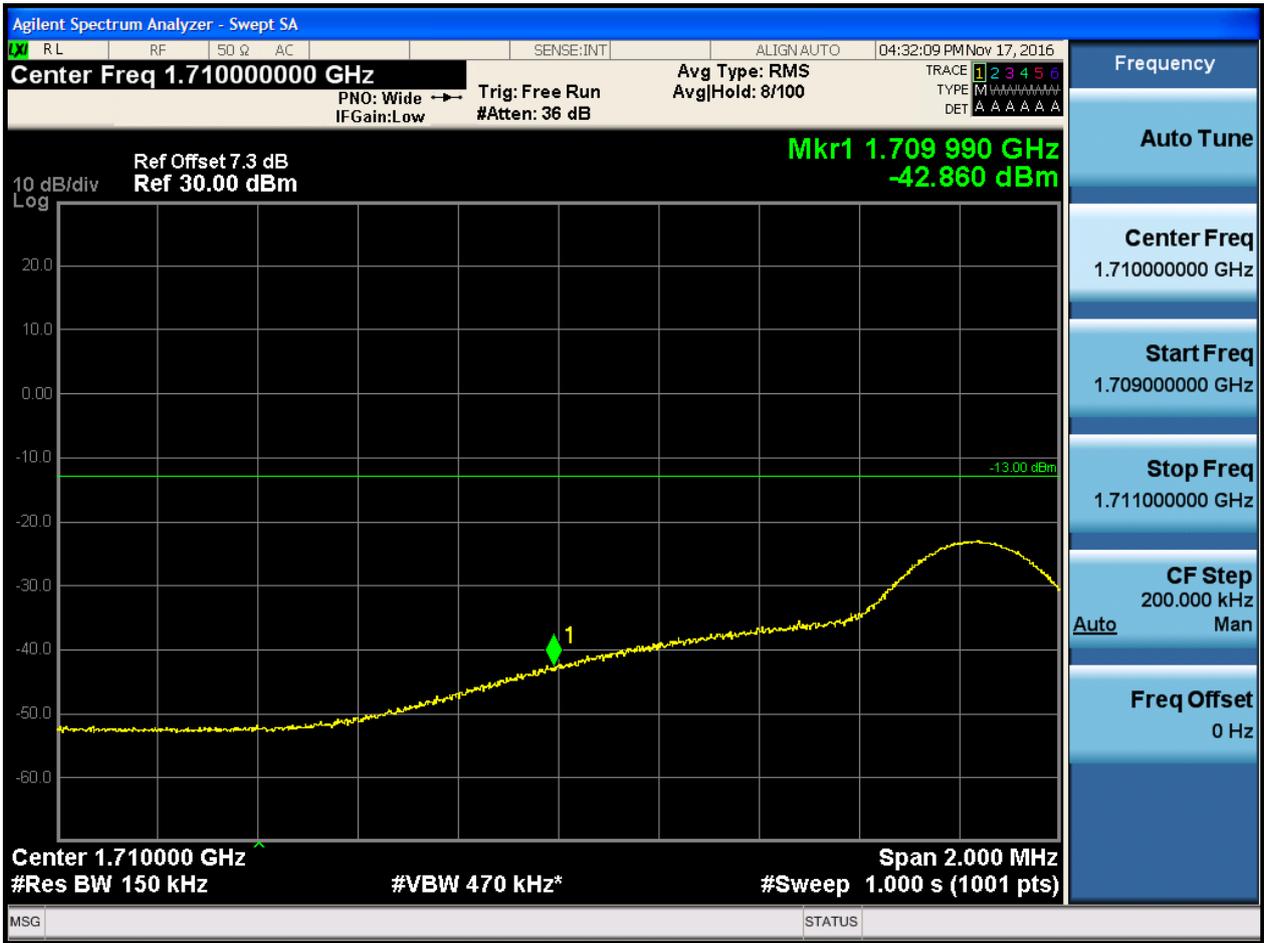
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



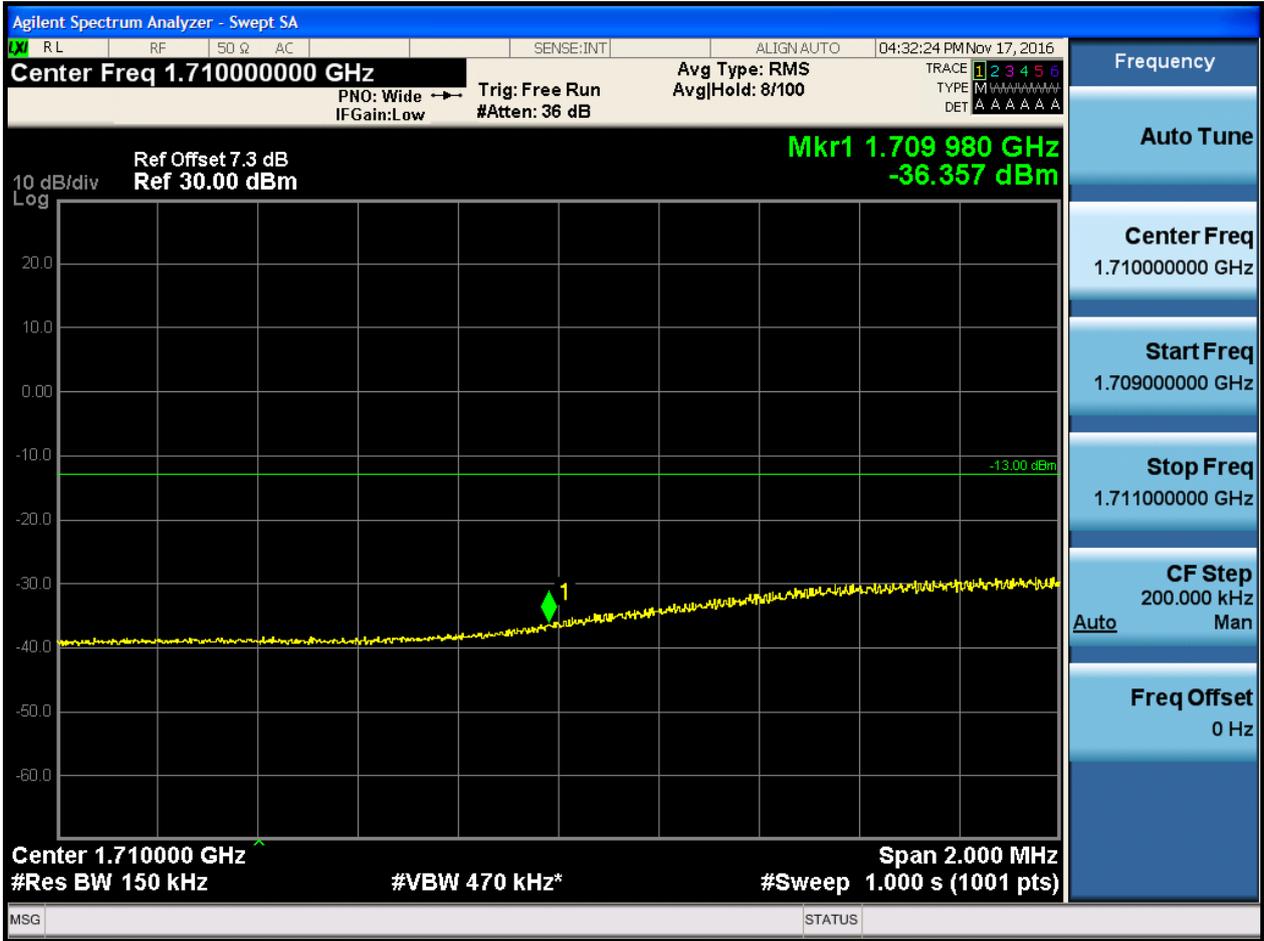


5.1.1.1.5.1.2 Test RB = RB1#74





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



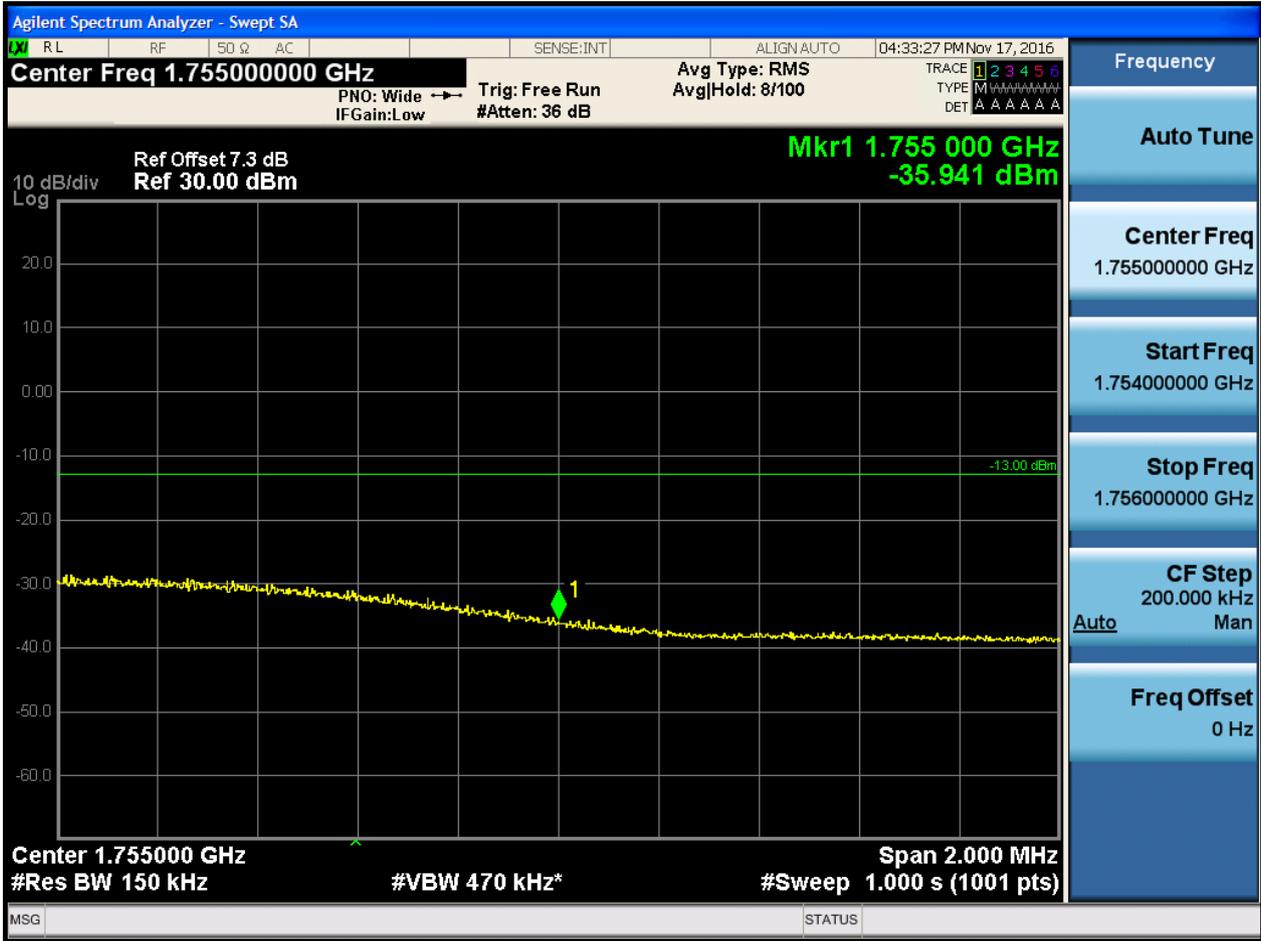


5.1.1.1.5.2.2 Test RB = RB1#74





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

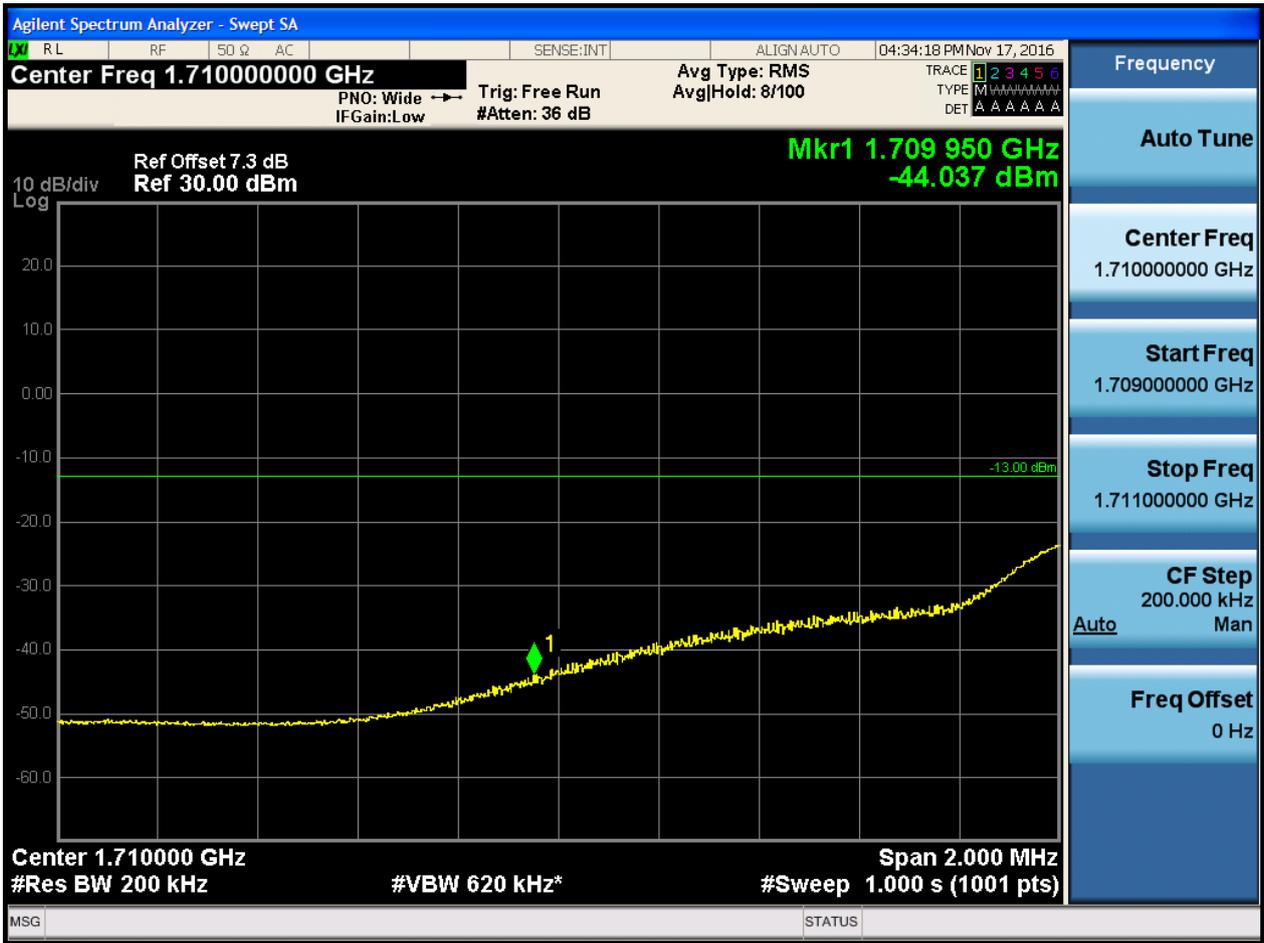
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



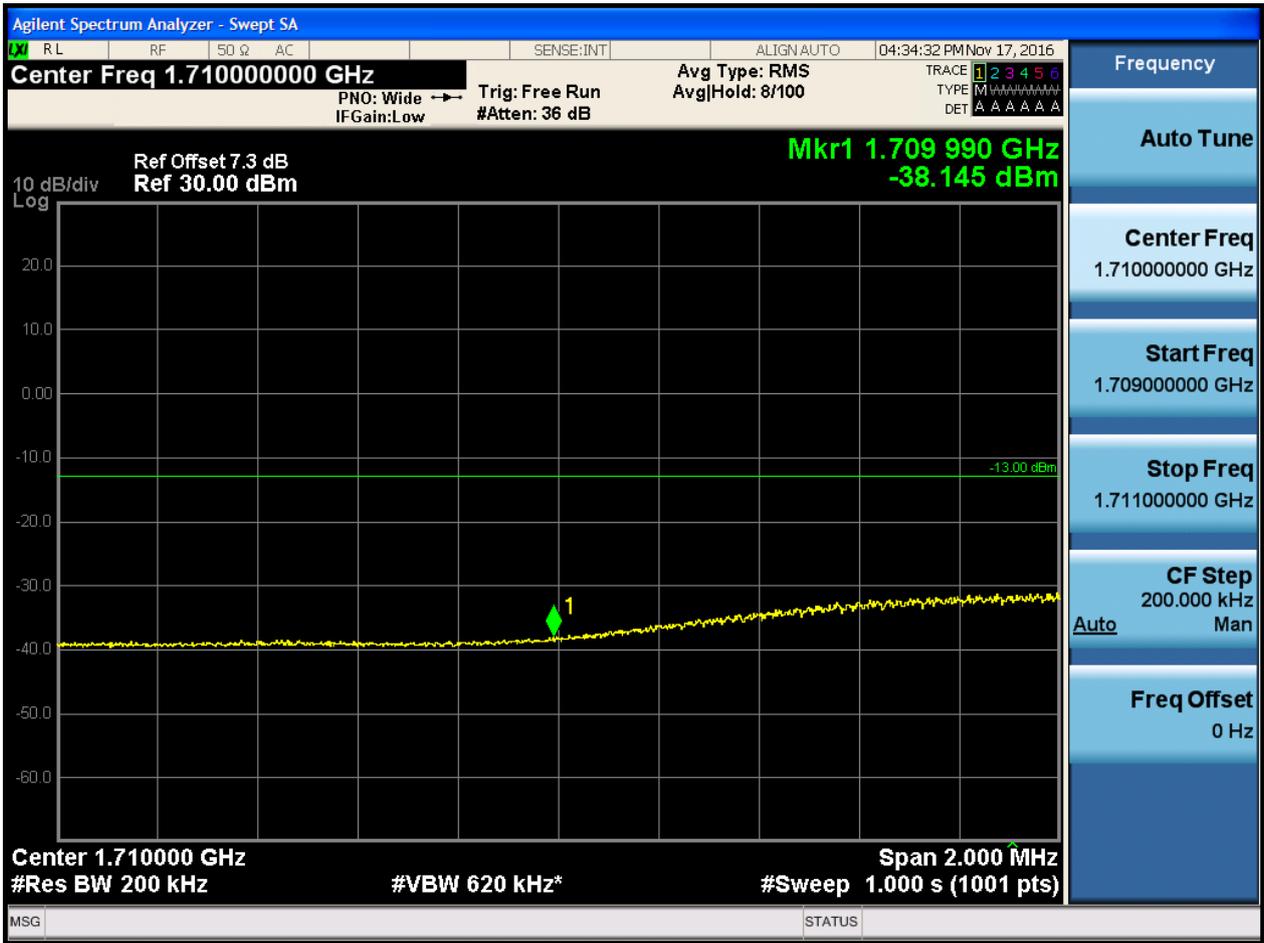


5.1.1.1.6.1.2 Test RB = RB1#99





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



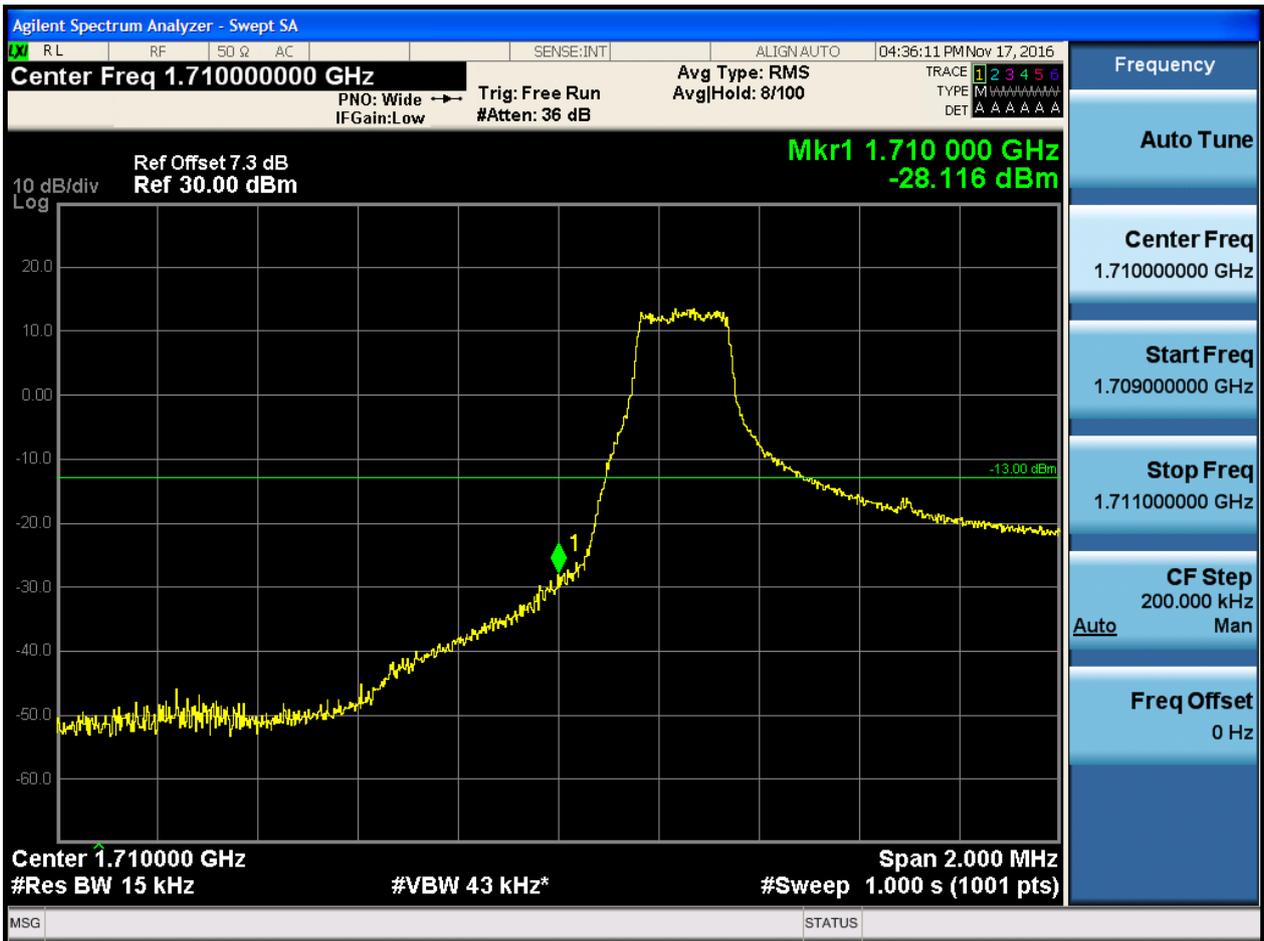


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

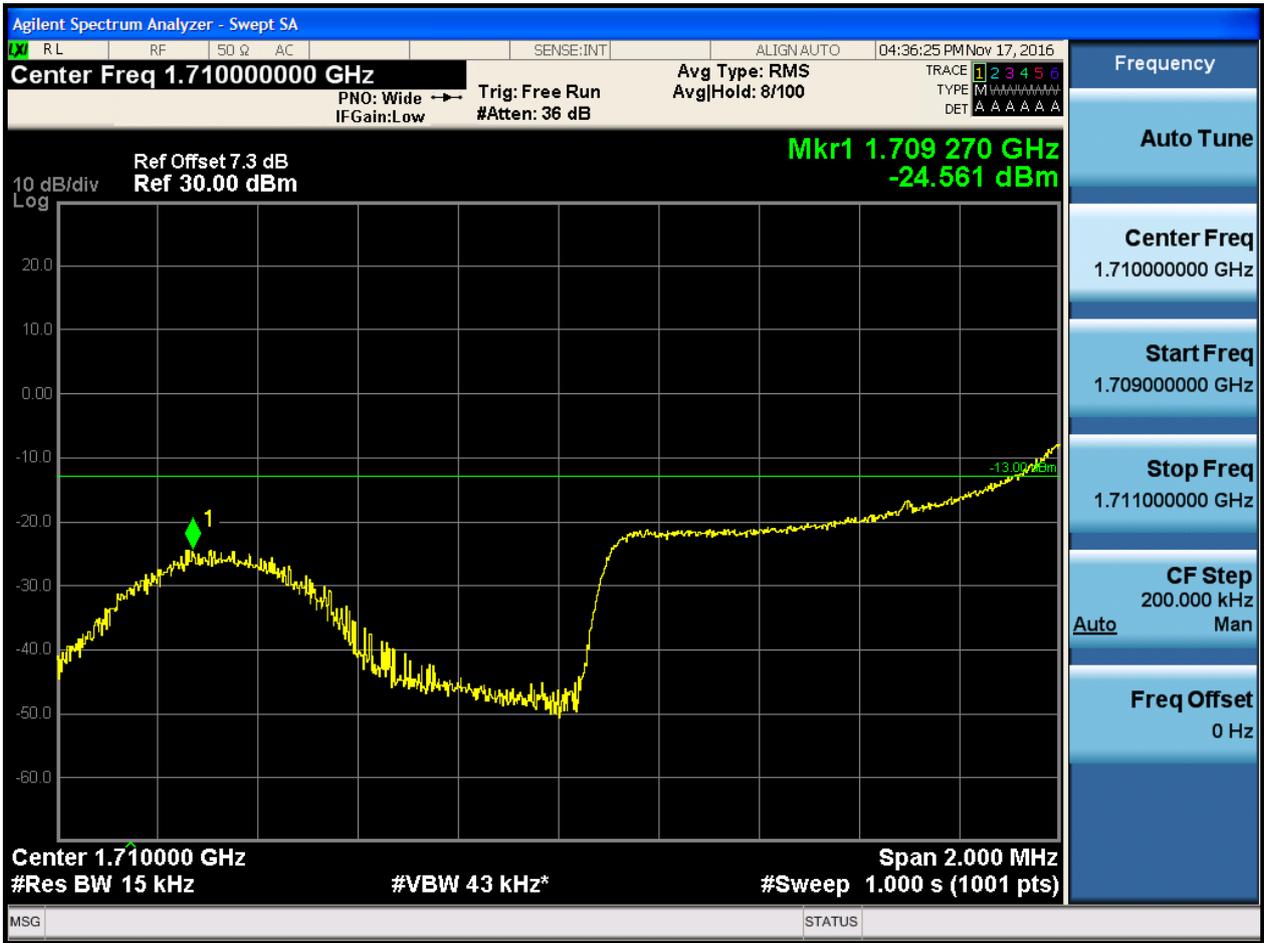
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



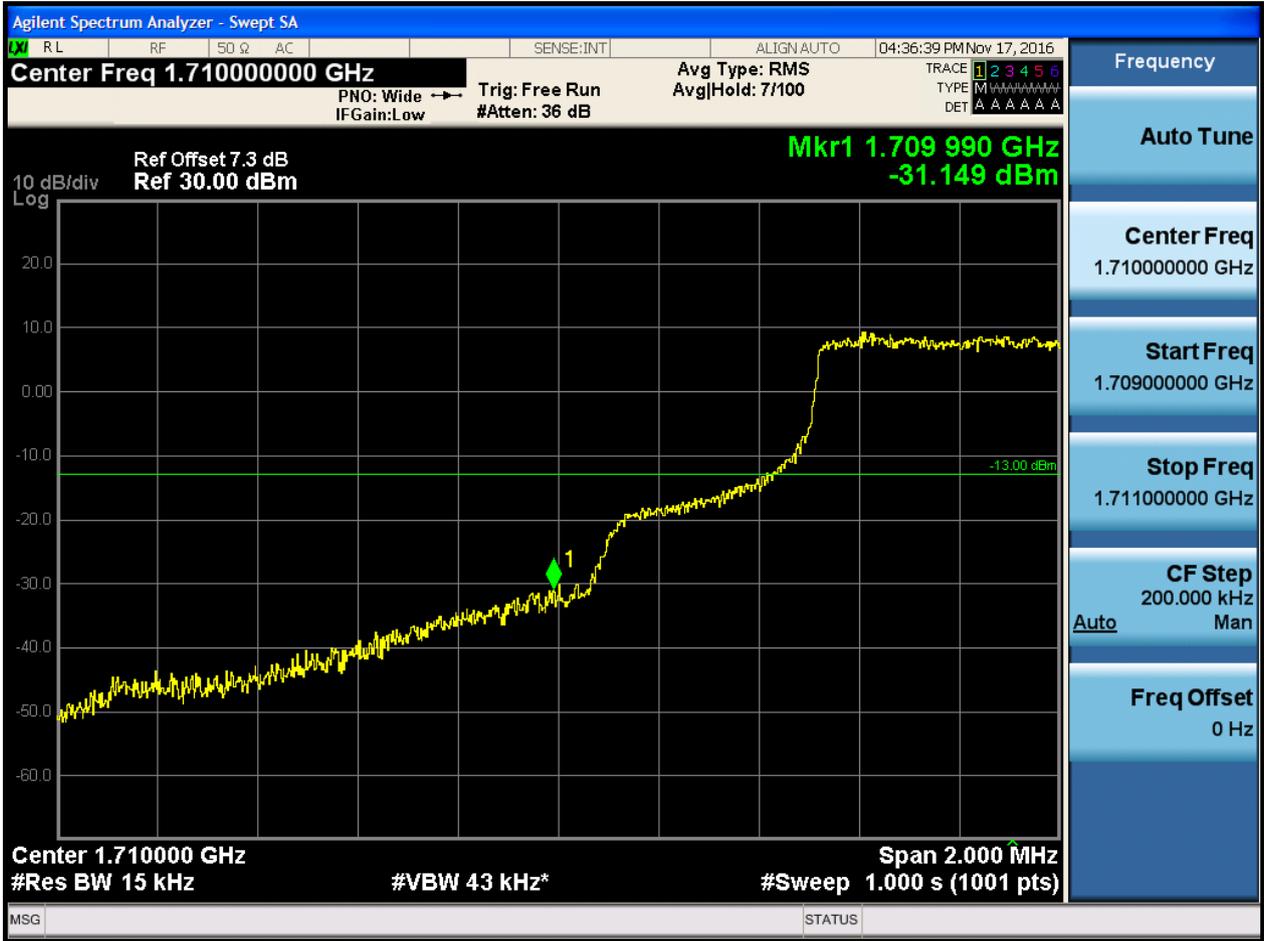


5.1.1.2.1.1.2 Test RB = RB1#5



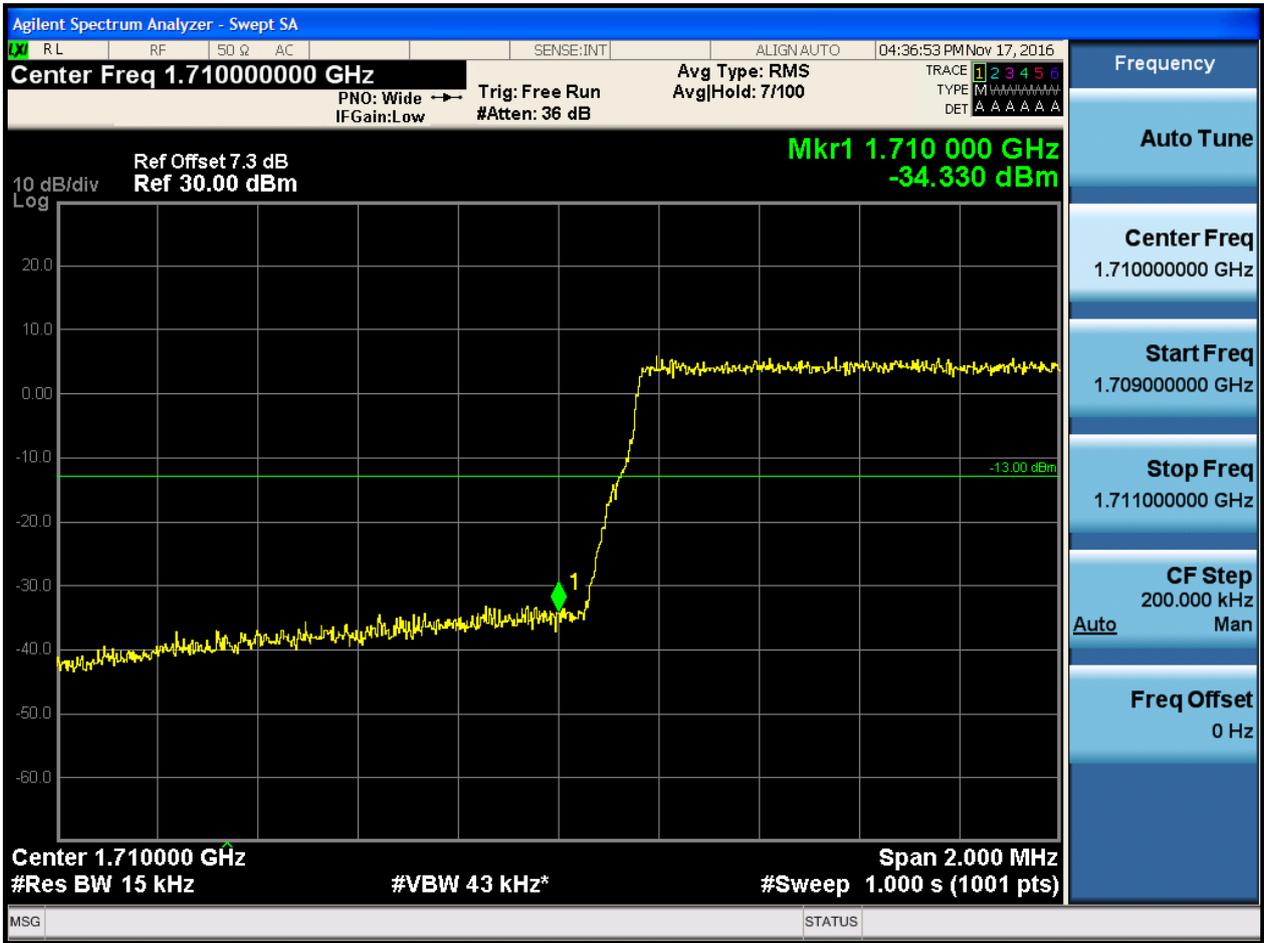


5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





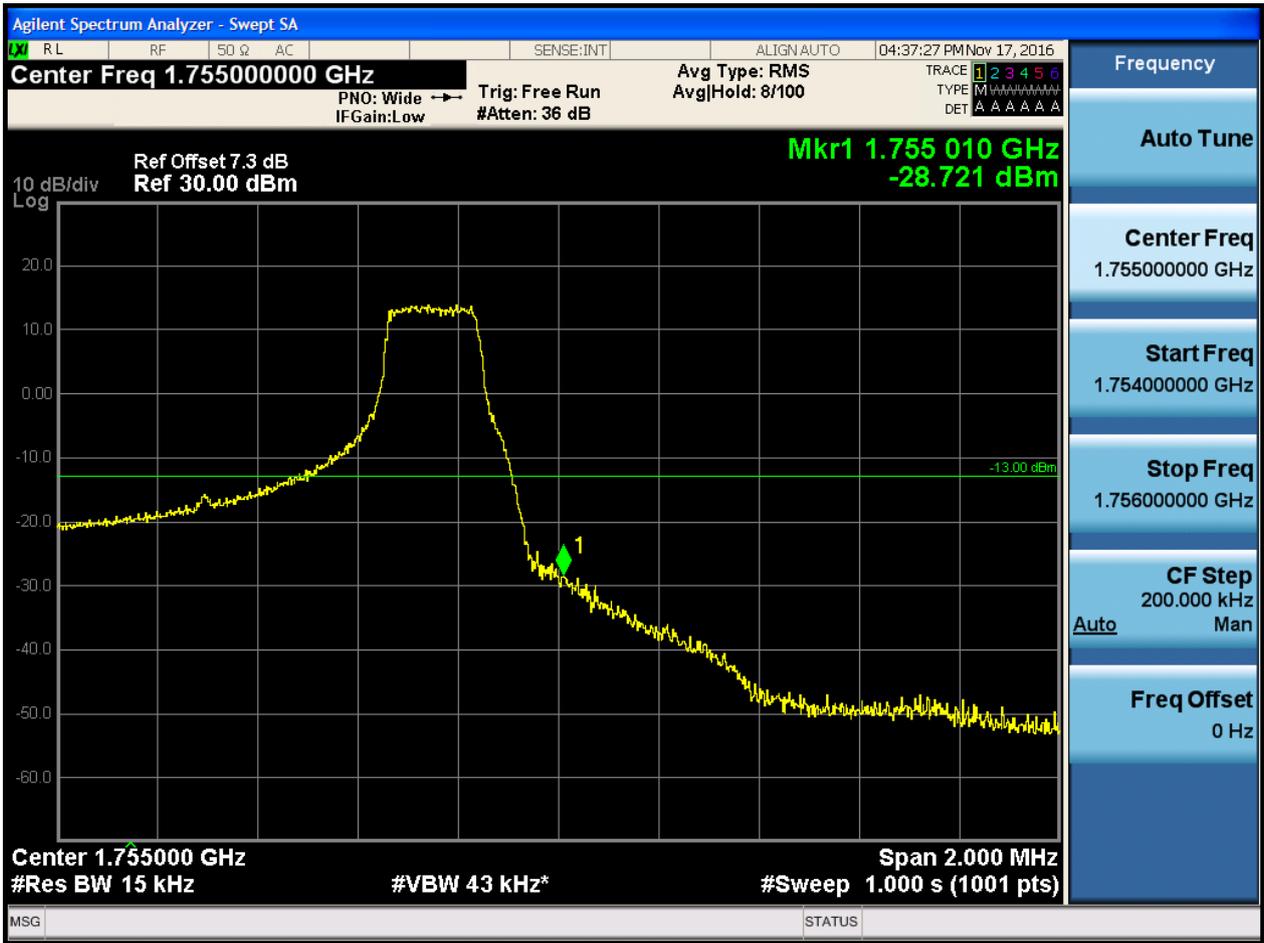
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



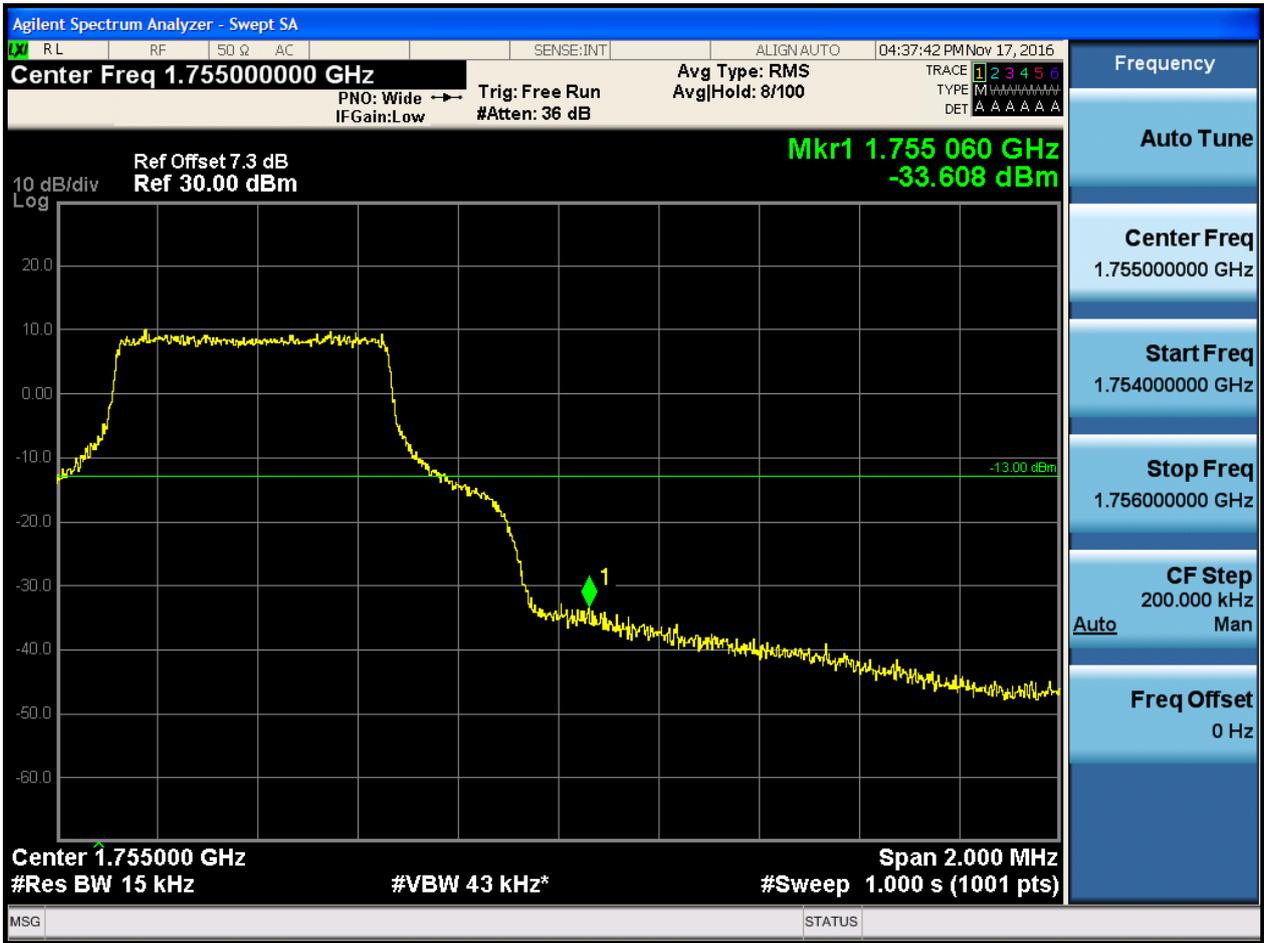


5.1.1.2.1.2.2 Test RB = RB1#5



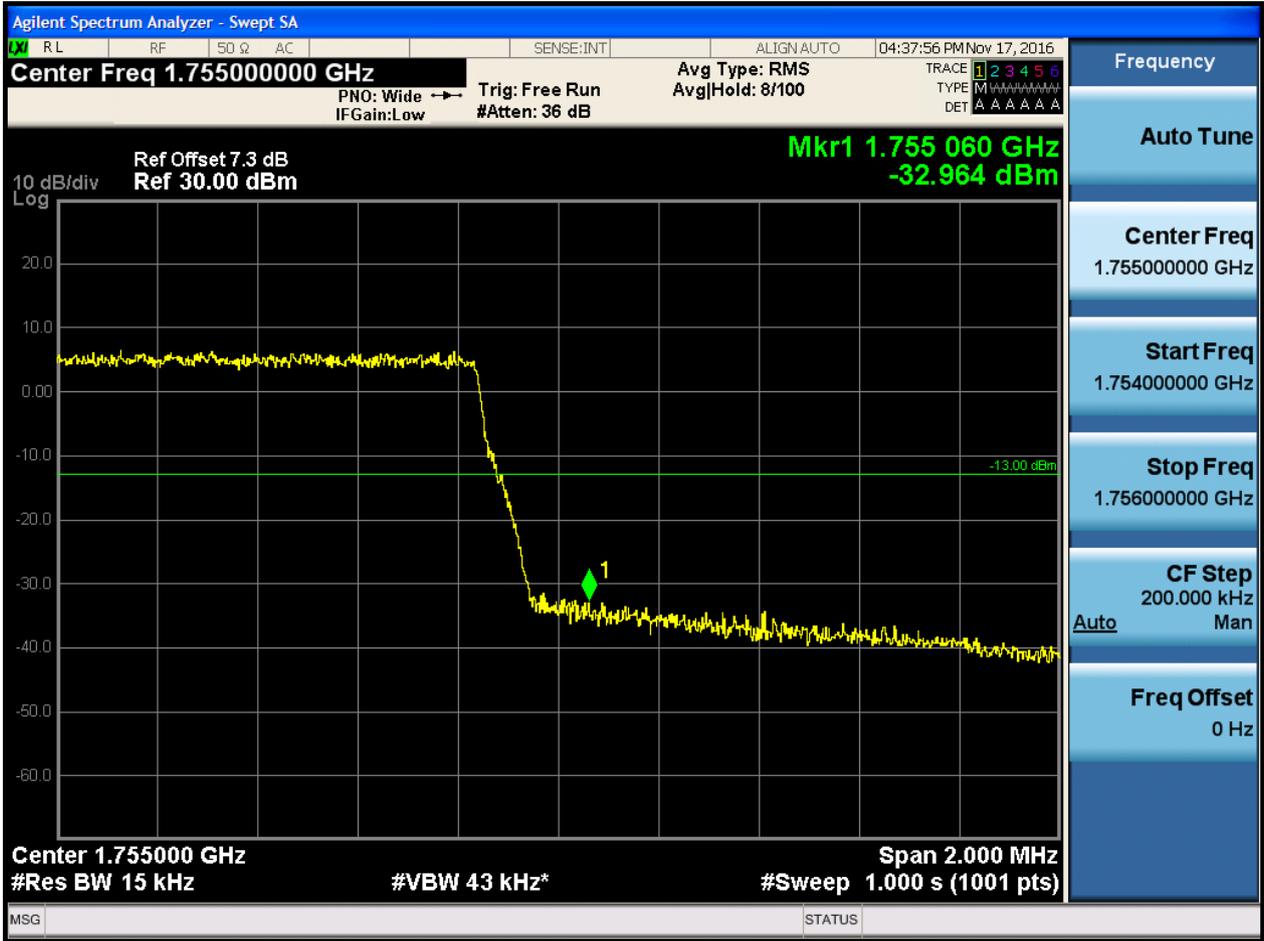


5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

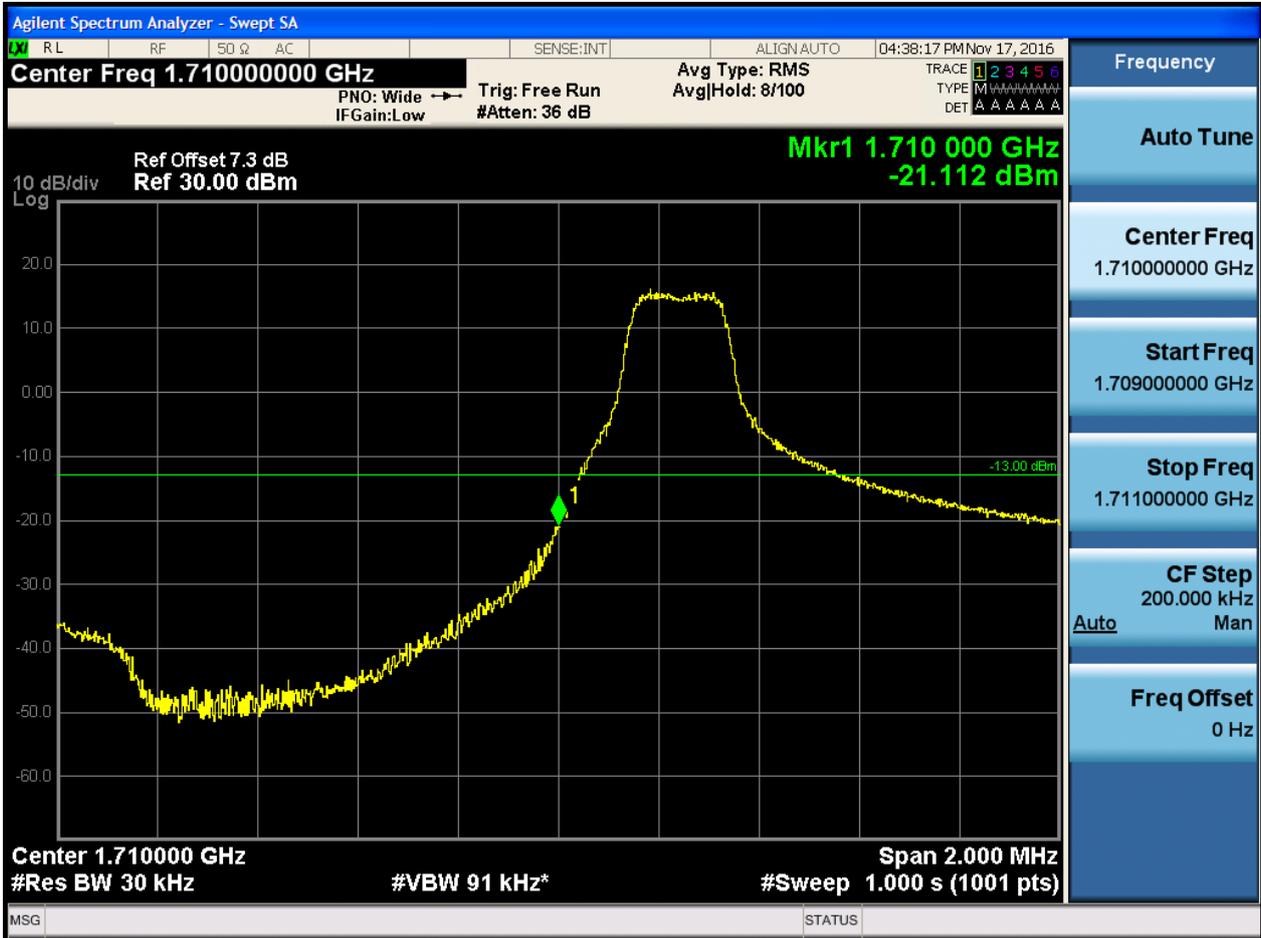




5.1.1.2.2 Test Bandwidth = 3

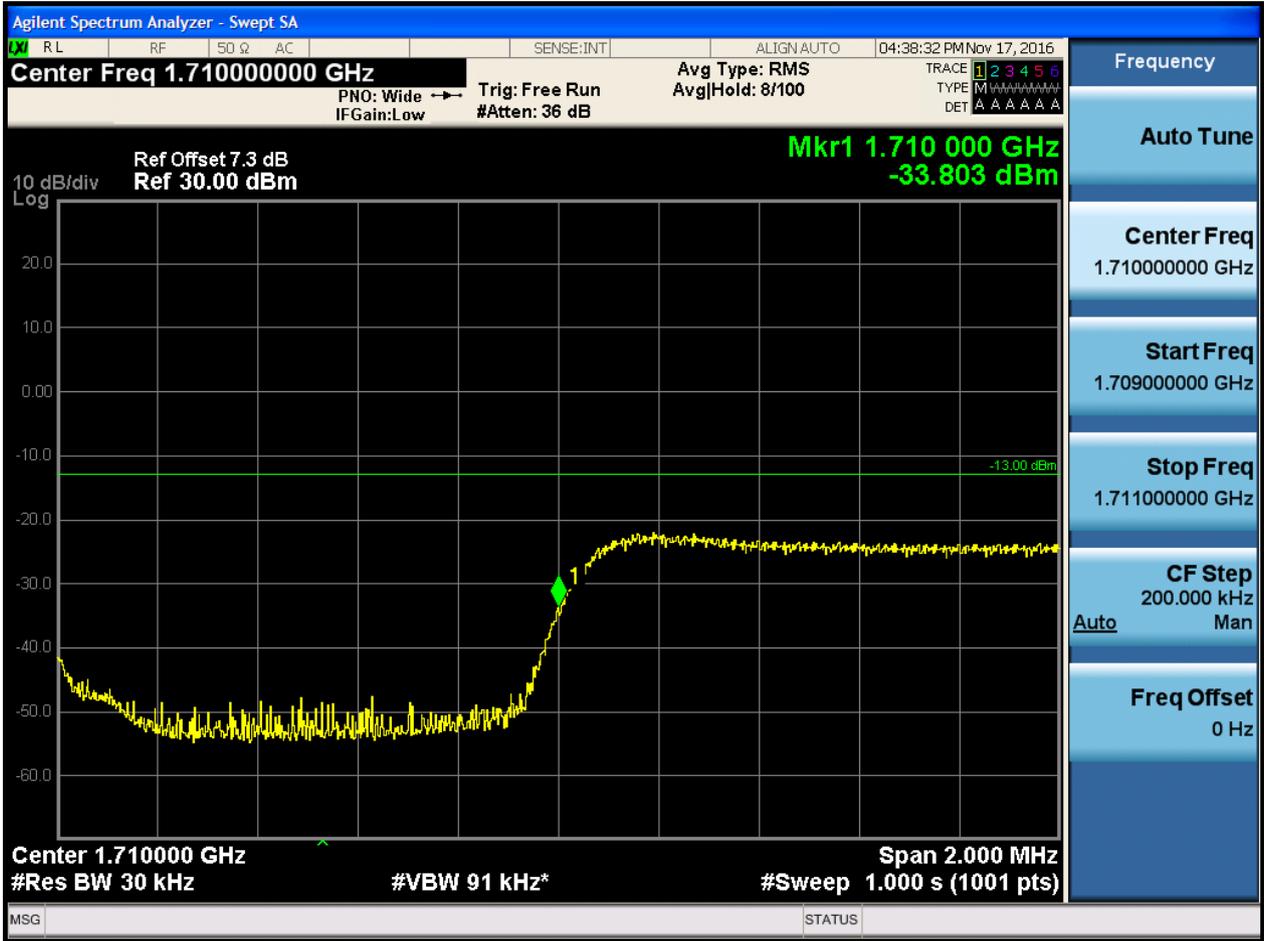
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



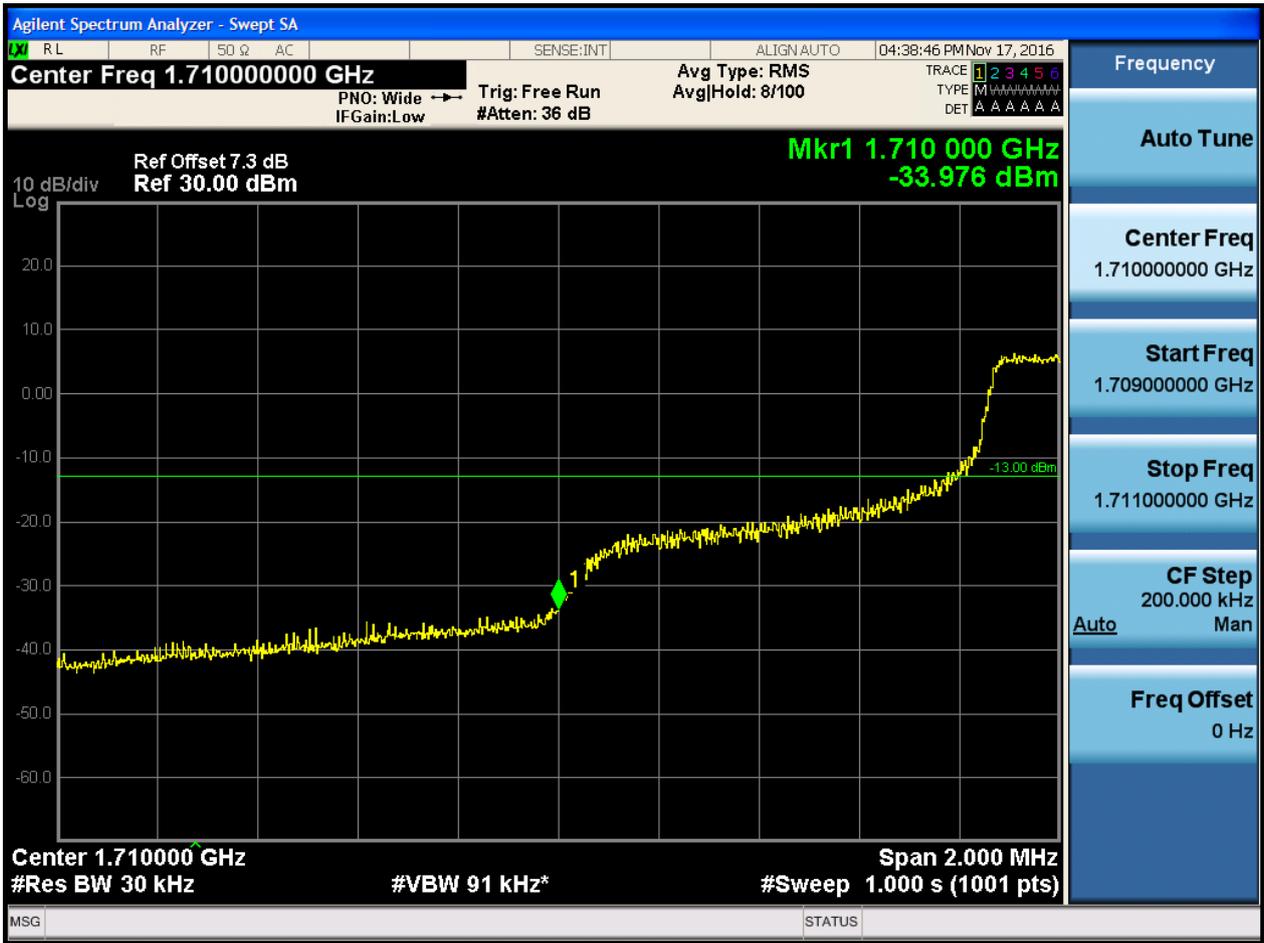


5.1.1.2.2.1.2 Test RB = RB1#14



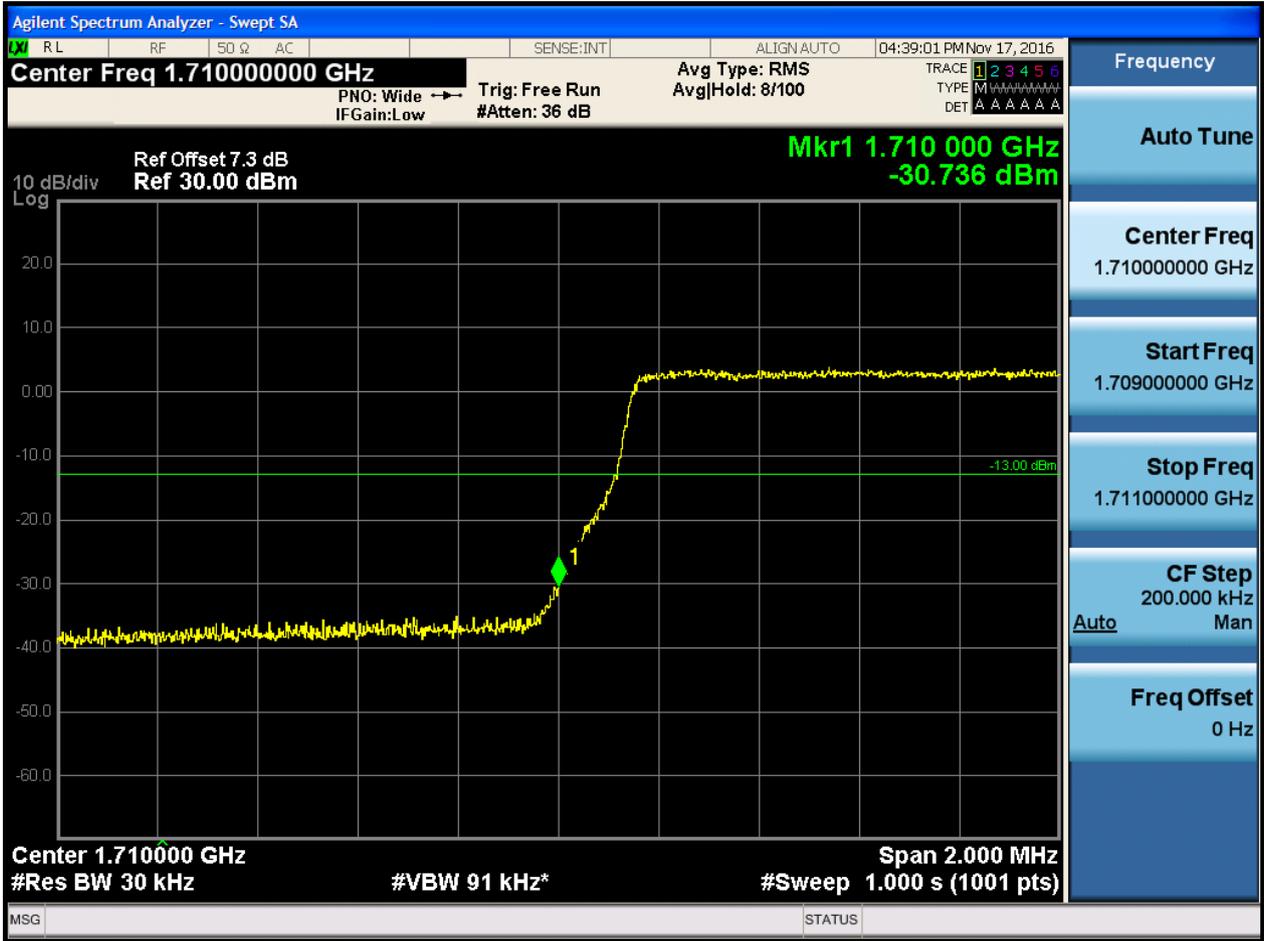


5.1.1.2.2.1.3 Test RB = RB#4





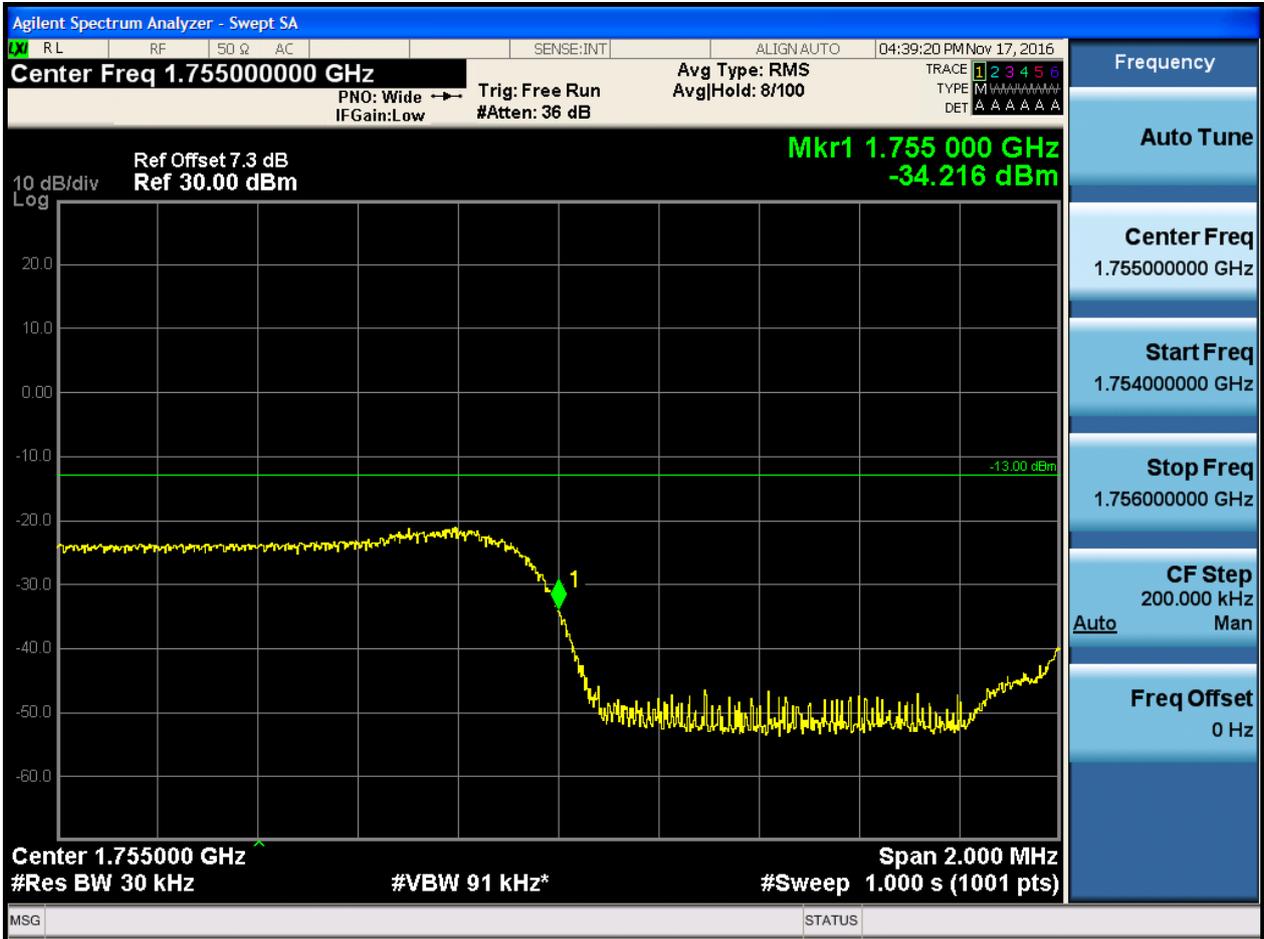
5.1.1.2.2.1.4 Test RB = RB15#0





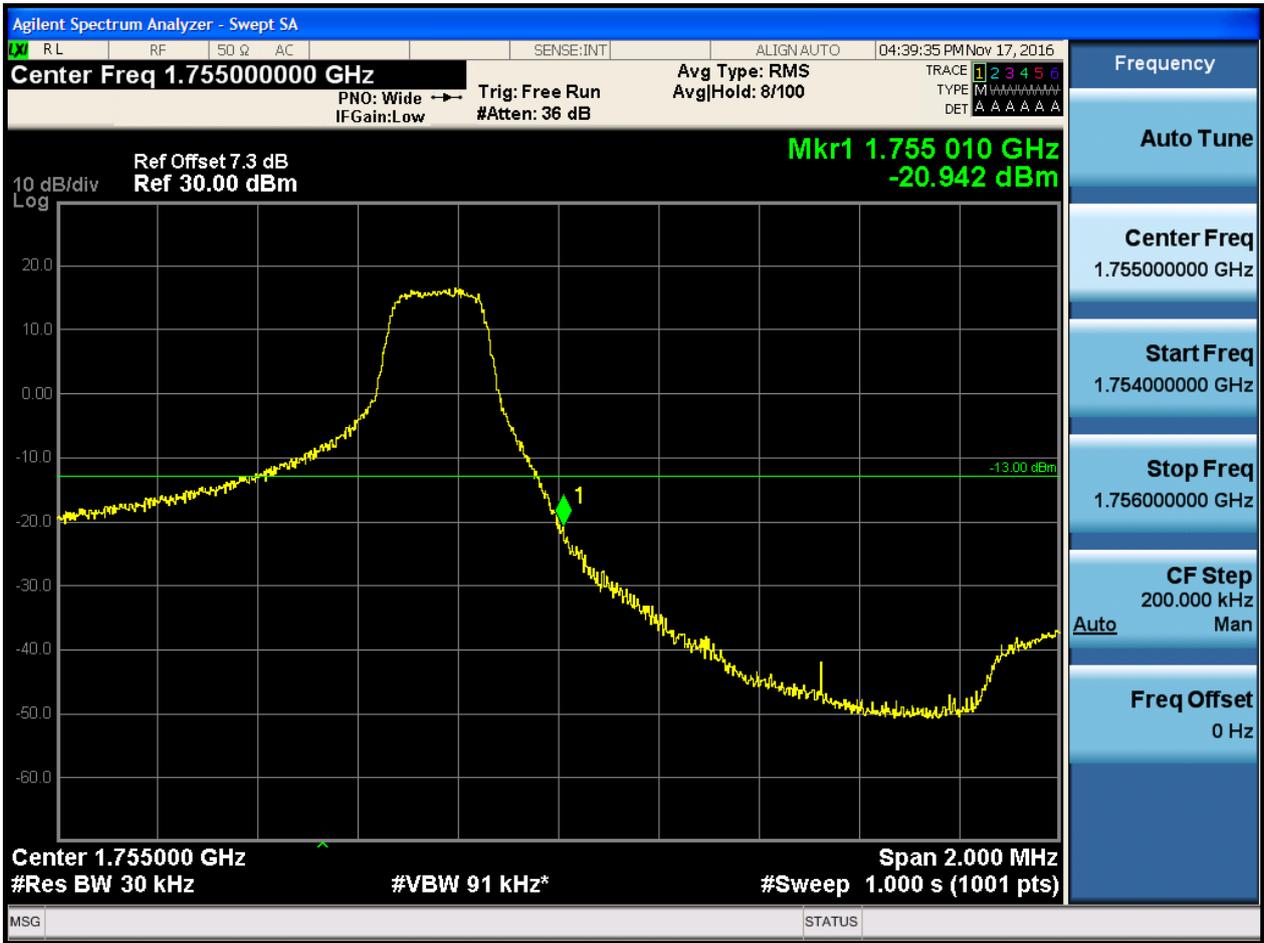
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

