



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	22.45	22.45	30	PASS
				RB1#3	22.49	22.49	30	PASS
				RB1#5	22.57	22.57	30	PASS
				RB3#0	22.5	22.5	30	PASS
				RB3#2	22.48	22.48	30	PASS
				RB3#3	22.57	22.57	30	PASS
				RB6#0	21.55	21.55	30	PASS
			MCH	RB1#0	22.49	22.49	30	PASS
				RB1#3	22.56	22.56	30	PASS
				RB1#5	22.51	22.51	30	PASS
				RB3#0	22.56	22.56	30	PASS
				RB3#2	22.58	22.58	30	PASS
				RB3#3	22.56	22.56	30	PASS
				RB6#0	21.54	21.54	30	PASS
			HCH	RB1#0	22.48	22.48	30	PASS
				RB1#3	22.68	22.68	30	PASS
				RB1#5	22.55	22.55	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB3#0	22.34	22.34	30	PASS	
				RB3#2	22.38	22.38	30	PASS	
				RB3#3	22.43	22.43	30	PASS	
				RB6#0	21.27	21.27	30	PASS	
		3	LCH	RB1#0	22.73	22.73	30	PASS	
				RB1#7	22.79	22.79	30	PASS	
				RB1#14	22.75	22.75	30	PASS	
				RB8#0	21.6	21.6	30	PASS	
				RB8#4	21.62	21.62	30	PASS	
				RB8#7	21.56	21.56	30	PASS	
				RB15#0	21.54	21.54	30	PASS	
				MCH	RB1#0	22.79	22.79	30	PASS
					RB1#7	22.78	22.78	30	PASS
					RB1#14	22.77	22.77	30	PASS
RB8#0	21.55	21.55	30		PASS				
RB8#4	21.57	21.57	30		PASS				
RB8#7	21.54	21.54	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB15#0	21.58	21.58	30	PASS
			HCH	RB1#0	22.55	22.55	30	PASS
				RB1#7	22.39	22.39	30	PASS
				RB1#14	22.43	22.43	30	PASS
				RB8#0	21.31	21.31	30	PASS
				RB8#4	21.28	21.28	30	PASS
				RB8#7	21.27	21.27	30	PASS
				RB15#0	21.3	21.3	30	PASS
		5		LCH	RB1#0	22.61	22.61	30
			RB1#13		22.52	22.52	30	PASS
			RB1#24		22.64	22.64	30	PASS
			RB12#0		21.65	21.65	30	PASS
			RB12#6		21.53	21.53	30	PASS
			RB12#13		21.5	21.5	30	PASS
			RB25#0		21.59	21.59	30	PASS
			MCH	RB1#0	22.46	22.46	30	PASS
				RB1#13	22.39	22.39	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict		
				RB1#24	22.51	22.51	30	PASS		
				RB12#0	21.55	21.55	30	PASS		
				RB12#6	21.51	21.51	30	PASS		
				RB12#13	21.48	21.48	30	PASS		
				RB25#0	21.55	21.55	30	PASS		
			HCH	RB1#0	22.44	22.44	30	PASS		
				RB1#13	22.43	22.43	30	PASS		
				RB1#24	22.28	22.28	30	PASS		
				RB12#0	21.31	21.31	30	PASS		
				RB12#6	21.33	21.33	30	PASS		
		10	LCH	RB12#13	21.23	21.23	30	PASS		
				RB25#0	21.26	21.26	30	PASS		
				RB1#0	22.8	22.8	30	PASS		
				RB1#25	22.85	22.85	30	PASS		
				RB1#49	22.73	22.73	30	PASS		
						RB25#0	21.66	21.66	30	PASS
						RB25#13	21.58	21.58	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict			
				RB25#25	21.55	21.55	30	PASS			
				RB50#0	21.62	21.62	30	PASS			
			MCH	RB1#0	22.81	22.81	30	PASS			
				RB1#25	22.74	22.74	30	PASS			
				RB1#49	22.63	22.63	30	PASS			
				RB25#0	21.67	21.67	30	PASS			
				RB25#13	21.57	21.57	30	PASS			
				RB25#25	21.49	21.49	30	PASS			
				RB50#0	21.63	21.63	30	PASS			
				HCH	RB1#0	22.55	22.55	30	PASS		
			RB1#25		22.38	22.38	30	PASS			
			RB1#49		22.19	22.19	30	PASS			
			RB25#0		21.42	21.42	30	PASS			
			RB25#13		21.31	21.31	30	PASS			
			RB25#25		21.32	21.32	30	PASS			
							RB50#0	21.26	21.26	30	PASS
					15	LCH	RB1#0	22.9	22.9	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#38	22.59	22.59	30	PASS
				RB1#74	22.82	22.82	30	PASS
				RB38#0	21.58	21.58	30	PASS
				RB38#19	21.55	21.55	30	PASS
				RB38#39	21.53	21.53	30	PASS
				RB75#0	21.43	21.43	30	PASS
			MCH	RB1#0	22.97	22.97	30	PASS
				RB1#38	22.71	22.71	30	PASS
				RB1#74	22.68	22.68	30	PASS
				RB38#0	21.65	21.65	30	PASS
				RB38#19	21.47	21.47	30	PASS
				RB38#39	21.38	21.38	30	PASS
				RB75#0	21.57	21.57	30	PASS
			HCH	RB1#0	22.48	22.48	30	PASS
				RB1#38	22.29	22.29	30	PASS
				RB1#74	22.2	22.2	30	PASS
				RB38#0	21.43	21.43	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB38#19	21.36	21.36	30	PASS	
				RB38#39	21.32	21.32	30	PASS	
				RB75#0	21.35	21.35	30	PASS	
		20	LCH	RB1#0	22.7	22.7	30	PASS	
				RB1#50	22.74	22.74	30	PASS	
				RB1#99	22.5	22.5	30	PASS	
				RB50#0	21.49	21.49	30	PASS	
				RB50#25	21.48	21.48	30	PASS	
				RB50#50	21.5	21.5	30	PASS	
				RB100#0	21.44	21.44	30	PASS	
				MCH	RB1#0	22.73	22.73	30	PASS
					RB1#50	23.07	23.07	30	PASS
					RB1#99	22.37	22.37	30	PASS
					RB50#0	21.67	21.67	30	PASS
					RB50#25	21.44	21.44	30	PASS
RB50#50	21.4	21.4	30		PASS				
			RB100#0	21.62	21.62	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.36	22.36	30	PASS
				RB1#50	22.37	22.37	30	PASS
				RB1#99	21.95	21.95	30	PASS
				RB50#0	21.31	21.31	30	PASS
				RB50#25	21.3	21.3	30	PASS
				RB50#50	21.28	21.28	30	PASS
				RB100#0	21.39	21.39	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.11	22.11	30	PASS
				RB1#3	22.06	22.06	30	PASS
				RB1#5	22.01	22.01	30	PASS
				RB3#0	21.9	21.9	30	PASS
				RB3#2	21.59	21.59	30	PASS
				RB3#3	21.57	21.57	30	PASS
				RB6#0	20.51	20.51	30	PASS
			MCH	RB1#0	21.83	21.83	30	PASS
RB1#3	21.88	21.88		30	PASS			
RB1#5	21.92	21.92		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB3#0	21.43	21.43	30	PASS
				RB3#2	21.45	21.45	30	PASS
				RB3#3	21.06	21.06	30	PASS
				RB6#0	20.46	20.46	30	PASS
			HCH	RB1#0	21.3	21.3	30	PASS
				RB1#3	21.31	21.31	30	PASS
				RB1#5	20.89	20.89	30	PASS
				RB3#0	20.96	20.96	30	PASS
				RB3#2	21.09	21.09	30	PASS
				RB3#3	21.06	21.06	30	PASS
				RB6#0	20.15	20.15	30	PASS
				LCH	RB1#0	21.83	21.83	30
			RB1#7		21.57	21.57	30	PASS
			RB1#14		21.58	21.58	30	PASS
		RB8#0	20.43		20.43	30	PASS	
		RB8#4	20.36		20.36	30	PASS	
		RB8#7	20.35		20.35	30	PASS	
				3				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB15#0	20.42	20.42	30	PASS
			MCH	RB1#0	21.74	21.74	30	PASS
				RB1#7	21.59	21.59	30	PASS
				RB1#14	21.71	21.71	30	PASS
				RB8#0	20.42	20.42	30	PASS
				RB8#4	20.36	20.36	30	PASS
				RB8#7	20.34	20.34	30	PASS
				RB15#0	20.45	20.45	30	PASS
				HCH	RB1#0	21.67	21.67	30
			RB1#7		21.73	21.73	30	PASS
			RB1#14		21.39	21.39	30	PASS
			RB8#0		20.41	20.41	30	PASS
			RB8#4		20.35	20.35	30	PASS
			RB8#7		20.27	20.27	30	PASS
			RB15#0		20.37	20.37	30	PASS
		5	LCH		RB1#0	21.61	21.61	30
				RB1#13	21.22	21.22	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#24	21.25	21.25	30	PASS
				RB12#0	20.44	20.44	30	PASS
				RB12#6	20.43	20.43	30	PASS
				RB12#13	20.48	20.48	30	PASS
				RB25#0	20.7	20.7	30	PASS
			MCH	RB1#0	21.81	21.81	30	PASS
			MCH	RB1#13	21.43	21.43	30	PASS
			MCH	RB1#24	21.49	21.49	30	PASS
			MCH	RB12#0	20.66	20.66	30	PASS
			MCH	RB12#6	20.72	20.72	30	PASS
			MCH	RB12#13	20.82	20.82	30	PASS
			MCH	RB25#0	20.67	20.67	30	PASS
			HCH	RB1#0	21.63	21.63	30	PASS
			HCH	RB1#13	21.52	21.52	30	PASS
			HCH	RB1#24	21.49	21.49	30	PASS
			HCH	RB12#0	20.23	20.23	30	PASS
			HCH	RB12#6	20.14	20.14	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#13	20.06	20.06	30	PASS
				RB25#0	20.36	20.36	30	PASS
		10	LCH	RB1#0	21.95	21.95	30	PASS
				RB1#25	21.82	21.82	30	PASS
				RB1#49	21.7	21.7	30	PASS
				RB25#0	20.47	20.47	30	PASS
				RB25#13	20.53	20.53	30	PASS
				RB25#25	20.39	20.39	30	PASS
				RB50#0	20.52	20.52	30	PASS
				MCH	RB1#0	21.88	21.88	30
			RB1#25		21.56	21.56	30	PASS
			RB1#49		21.54	21.54	30	PASS
			RB25#0		20.49	20.49	30	PASS
			RB25#13		20.49	20.49	30	PASS
			RB25#25		20.39	20.39	30	PASS
			RB50#0		20.56	20.56	30	PASS
		HCH	RB1#0	21.61	21.61	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#25	21.03	21.03	30	PASS	
				RB1#49	21.06	21.06	30	PASS	
				RB25#0	20.57	20.57	30	PASS	
				RB25#13	20.34	20.34	30	PASS	
				RB25#25	20.46	20.46	30	PASS	
				RB50#0	20.41	20.41	30	PASS	
		15	LCH	RB1#0	21.92	21.92	30	PASS	
				RB1#38	21.65	21.65	30	PASS	
				RB1#74	21.85	21.85	30	PASS	
				RB38#0	20.68	20.68	30	PASS	
				RB38#19	20.56	20.56	30	PASS	
				RB38#39	20.62	20.62	30	PASS	
				RB75#0	20.45	20.45	30	PASS	
				MCH	RB1#0	22.07	22.07	30	PASS
					RB1#38	21.68	21.68	30	PASS
					RB1#74	21.5	21.5	30	PASS
RB38#0	20.7	20.7	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB38#19	20.61	20.61	30	PASS
				RB38#39	20.52	20.52	30	PASS
				RB75#0	20.5	20.5	30	PASS
			HCH	RB1#0	21.56	21.56	30	PASS
				RB1#38	21.67	21.67	30	PASS
				RB1#74	21.43	21.43	30	PASS
				RB38#0	20.28	20.28	30	PASS
				RB38#19	20.31	20.31	30	PASS
				RB38#39	20.17	20.17	30	PASS
				RB75#0	20.35	20.35	30	PASS
		20	LCH	RB1#0	21.8	21.8	30	PASS
				RB1#50	21.6	21.6	30	PASS
				RB1#99	21.62	21.62	30	PASS
				RB50#0	20.53	20.53	30	PASS
				RB50#25	20.64	20.64	30	PASS
				RB50#50	20.65	20.65	30	PASS
				RB100#0	20.51	20.51	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.52	22.52	30	PASS
				RB1#50	22.35	22.35	30	PASS
				RB1#99	21.58	21.58	30	PASS
				RB50#0	20.74	20.74	30	PASS
				RB50#25	20.62	20.62	30	PASS
				RB50#50	20.46	20.46	30	PASS
				RB100#0	20.62	20.62	30	PASS
			HCH	RB1#0	21.68	21.68	30	PASS
				RB1#50	21.58	21.58	30	PASS
				RB1#99	21.63	21.63	30	PASS
				RB50#0	20.37	20.37	30	PASS
				RB50#25	20.31	20.31	30	PASS
				RB50#50	20.22	20.22	30	PASS
				RB100#0	20.47	20.47	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:

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

SET RBW=1%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	4.23	13	PASS
				RB1#3	4.1	13	PASS
				RB1#5	4.24	13	PASS
				RB3#0	4.56	13	PASS
				RB3#2	4.45	13	PASS
				RB3#3	4.45	13	PASS
			RB6#0	5.58	13	PASS	
			MCH	RB1#0	4.09	13	PASS
				RB1#3	3.97	13	PASS
				RB1#5	4.16	13	PASS
				RB3#0	4.51	13	PASS
				RB3#2	4.33	13	PASS
				RB3#3	4.38	13	PASS
			HCH	RB6#0	5.41	13	PASS
				RB1#0	4.64	13	PASS
				RB1#3	4.38	13	PASS
				RB1#5	4.58	13	PASS
				RB3#0	4.76	13	PASS
		RB3#2		4.51	13	PASS	
		3	LCH	RB3#3	4.73	13	PASS
				RB6#0	5.59	13	PASS
				RB1#0	4.2	13	PASS
				RB1#7	4.14	13	PASS
				RB1#14	4.22	13	PASS
				RB8#0	4.97	13	PASS
			MCH	RB8#4	4.9	13	PASS
				RB8#7	5.01	13	PASS
				RB15#0	5.24	13	PASS
				RB1#0	4.12	13	PASS
				RB1#7	4.02	13	PASS
RB1#14	4.12			13	PASS		
HCH	RB8#0	5	13	PASS			
	RB8#4	4.91	13	PASS			
	RB8#7	5.01	13	PASS			
			RB15#0	5.23	13	PASS	
			RB1#0	4.41	13	PASS	
			RB1#7	4.39	13	PASS	
			RB1#14	4.47	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	5.08	13	PASS	
				RB8#4	5.03	13	PASS	
				RB8#7	5.18	13	PASS	
				RB15#0	5.8	13	PASS	
		5	LCH	RB1#0	4.27	13	PASS	
				RB1#13	4.23	13	PASS	
				RB1#24	4.22	13	PASS	
				RB12#0	4.92	13	PASS	
				RB12#6	4.83	13	PASS	
				RB12#13	4.98	13	PASS	
				RB25#0	5.42	13	PASS	
				MCH	RB1#0	4.11	13	PASS
					RB1#13	4.17	13	PASS
					RB1#24	4.18	13	PASS
					RB12#0	4.84	13	PASS
					RB12#6	4.81	13	PASS
					RB12#13	4.89	13	PASS
				HCH	RB1#0	4.48	13	PASS
					RB1#13	4.4	13	PASS
					RB1#24	4.38	13	PASS
					RB12#0	5.21	13	PASS
					RB12#6	5	13	PASS
		RB12#13	5.21		13	PASS		
		10	LCH	RB1#0	4.13	13	PASS	
				RB1#25	4.17	13	PASS	
				RB1#49	4.07	13	PASS	
				RB25#0	4.96	13	PASS	
				RB25#13	4.86	13	PASS	
				RB25#25	4.96	13	PASS	
				RB50#0	5.65	13	PASS	
			MCH	RB1#0	3.93	13	PASS	
				RB1#25	4.01	13	PASS	
RB1#49	4.23			13	PASS			
RB25#0	4.85			13	PASS			
RB25#13	4.79			13	PASS			
RB25#25	4.93			13	PASS			
RB50#0	5.87			13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.37	13	PASS
				RB1#25	4.5	13	PASS
				RB1#49	4.42	13	PASS
				RB25#0	5.1	13	PASS
				RB25#13	5.06	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	6.15	13	PASS
			LCH	RB1#0	4.07	13	PASS
				RB1#38	4.18	13	PASS
				RB1#74	3.87	13	PASS
				RB38#0	4.97	13	PASS
				RB38#19	4.95	13	PASS
				RB38#39	4.92	13	PASS
				RB75#0	5.7	13	PASS
		MCH	RB1#0	3.84	13	PASS	
			RB1#38	4	13	PASS	
			RB1#74	4.19	13	PASS	
			RB38#0	4.83	13	PASS	
			RB38#19	4.85	13	PASS	
			RB38#39	4.97	13	PASS	
			RB75#0	5.6	13	PASS	
		HCH	RB1#0	4.25	13	PASS	
			RB1#38	4.37	13	PASS	
			RB1#74	4.35	13	PASS	
			RB38#0	5.03	13	PASS	
			RB38#19	5.06	13	PASS	
			RB38#39	5.1	13	PASS	
			RB75#0	5.77	13	PASS	
		20	LCH	RB1#0	4.2	13	PASS
				RB1#50	4.1	13	PASS
				RB1#99	4.08	13	PASS
				RB50#0	5.07	13	PASS
RB50#25	4.93			13	PASS		
RB50#50	4.95			13	PASS		
RB100#0	5.78			13	PASS		
MCH	RB1#0		3.98	13	PASS		
	RB1#50		4.06	13	PASS		
	RB1#99		4.37	13	PASS		
	RB50#0		4.89	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	4.88	13	PASS
				RB50#50	4.99	13	PASS
				RB100#0	5.62	13	PASS
			HCH	RB1#0	4.26	13	PASS
				RB1#50	4.36	13	PASS
				RB1#99	4.38	13	PASS
				RB50#0	5.11	13	PASS
				RB50#25	5.04	13	PASS
				RB50#50	5.15	13	PASS
				RB100#0	5.79	13	PASS
			LCH	RB1#0	5.12	13	PASS
				RB1#3	4.85	13	PASS
				RB1#5	4.99	13	PASS
				RB3#0	5.38	13	PASS
				RB3#2	5.45	13	PASS
	RB3#3	5.6		13	PASS		
	MCH	RB6#0	5.91	13	PASS		
		RB1#0	4.94	13	PASS		
		RB1#3	4.75	13	PASS		
		RB1#5	4.92	13	PASS		
		RB3#0	5.24	13	PASS		
		RB3#2	5.26	13	PASS		
	HCH	RB3#3	5.48	13	PASS		
		RB6#0	5.96	13	PASS		
		RB1#0	5.56	13	PASS		
		RB1#3	5.29	13	PASS		
		RB1#5	5.44	13	PASS		
		RB3#0	5.39	13	PASS		
	LCH	RB3#2	5.21	13	PASS		
		RB3#3	5.44	13	PASS		
RB6#0		5.95	13	PASS			
RB1#0		4.94	13	PASS			
RB1#7		4.93	13	PASS			
RB1#14		5.08	13	PASS			
RB8#0		5.81	13	PASS			
MCH	RB8#4	5.7	13	PASS			
	RB8#7	5.8	13	PASS			
	LTE/TM2	1.4		RB15#0	6.44	13	PASS
				RB1#0	4.88	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	4.84	13	PASS
				RB1#14	4.97	13	PASS
				RB8#0	5.78	13	PASS
				RB8#4	5.49	13	PASS
				RB8#7	5.72	13	PASS
				RB15#0	6.34	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#7	5.25	13	PASS
				RB1#14	5.33	13	PASS
				RB8#0	5.79	13	PASS
				RB8#4	5.84	13	PASS
				RB8#7	5.8	13	PASS
			RB15#0	6.06	13	PASS	
			5	LCH	RB1#0	5.15	13
		RB1#13			5.31	13	PASS
		RB1#24			5.35	13	PASS
		RB12#0			5.77	13	PASS
		RB12#6			5.75	13	PASS
		RB12#13			5.84	13	PASS
		RB25#0		6.4	13	PASS	
		MCH		RB1#0	5.06	13	PASS
				RB1#13	5.16	13	PASS
				RB1#24	5.21	13	PASS
				RB12#0	5.55	13	PASS
				RB12#6	5.6	13	PASS
				RB12#13	5.72	13	PASS
		RB25#0		6.38	13	PASS	
		HCH		RB1#0	4.72	13	PASS
				RB1#13	4.71	13	PASS
				RB1#24	4.74	13	PASS
				RB12#0	5.94	13	PASS
			RB12#6	5.83	13	PASS	
RB12#13	5.93		13	PASS			
RB25#0	6.7	13	PASS				
10	LCH	RB1#0	4.98	13	PASS		
		RB1#25	5.01	13	PASS		
		RB1#49	4.93	13	PASS		
		RB25#0	5.93	13	PASS		
		RB25#13	5.85	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.01	13	PASS
				RB50#0	6.77	13	PASS
			MCH	RB1#0	4.99	13	PASS
				RB1#25	4.84	13	PASS
				RB1#49	5.07	13	PASS
				RB25#0	5.73	13	PASS
				RB25#13	5.69	13	PASS
				RB25#25	5.87	13	PASS
			RB50#0	6.78	13	PASS	
			HCH	RB1#0	5.33	13	PASS
				RB1#25	5.44	13	PASS
				RB1#49	5.39	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.82	13	PASS
		RB25#25		5.95	13	PASS	
		RB50#0	6.76	13	PASS		
		15	LCH	RB1#0	5.05	13	PASS
				RB1#38	5.11	13	PASS
				RB1#74	4.9	13	PASS
				RB38#0	5.94	13	PASS
				RB38#19	5.85	13	PASS
				RB38#39	5.88	13	PASS
			RB75#0	6.5	13	PASS	
			MCH	RB1#0	5.03	13	PASS
				RB1#38	5.24	13	PASS
				RB1#74	5.42	13	PASS
				RB38#0	5.79	13	PASS
				RB38#19	5.76	13	PASS
				RB38#39	5.88	13	PASS
			RB75#0	6.45	13	PASS	
		HCH	RB1#0	4.88	13	PASS	
			RB1#38	4.94	13	PASS	
			RB1#74	4.87	13	PASS	
RB38#0	6.06		13	PASS			
RB38#19	6		13	PASS			
RB38#39	6.09		13	PASS			
RB75#0	6.57	13	PASS				
20	LCH	RB1#0	4.6	13	PASS		
		RB1#50	4.74	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.67	13	PASS
				RB50#0	5.92	13	PASS
				RB50#25	5.8	13	PASS
				RB50#50	5.8	13	PASS
				RB100#0	6.32	13	PASS
			MCH	RB1#0	4.6	13	PASS
				RB1#50	4.71	13	PASS
				RB1#99	4.95	13	PASS
				RB50#0	5.79	13	PASS
				RB50#25	5.77	13	PASS
				RB50#50	5.87	13	PASS
				RB100#0	6.56	13	PASS
			HCH	RB1#0	4.84	13	PASS
				RB1#50	4.96	13	PASS
				RB1#99	5.06	13	PASS
				RB50#0	6.05	13	PASS
				RB50#25	6	13	PASS
				RB50#50	6.11	13	PASS
				RB100#0	6.37	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

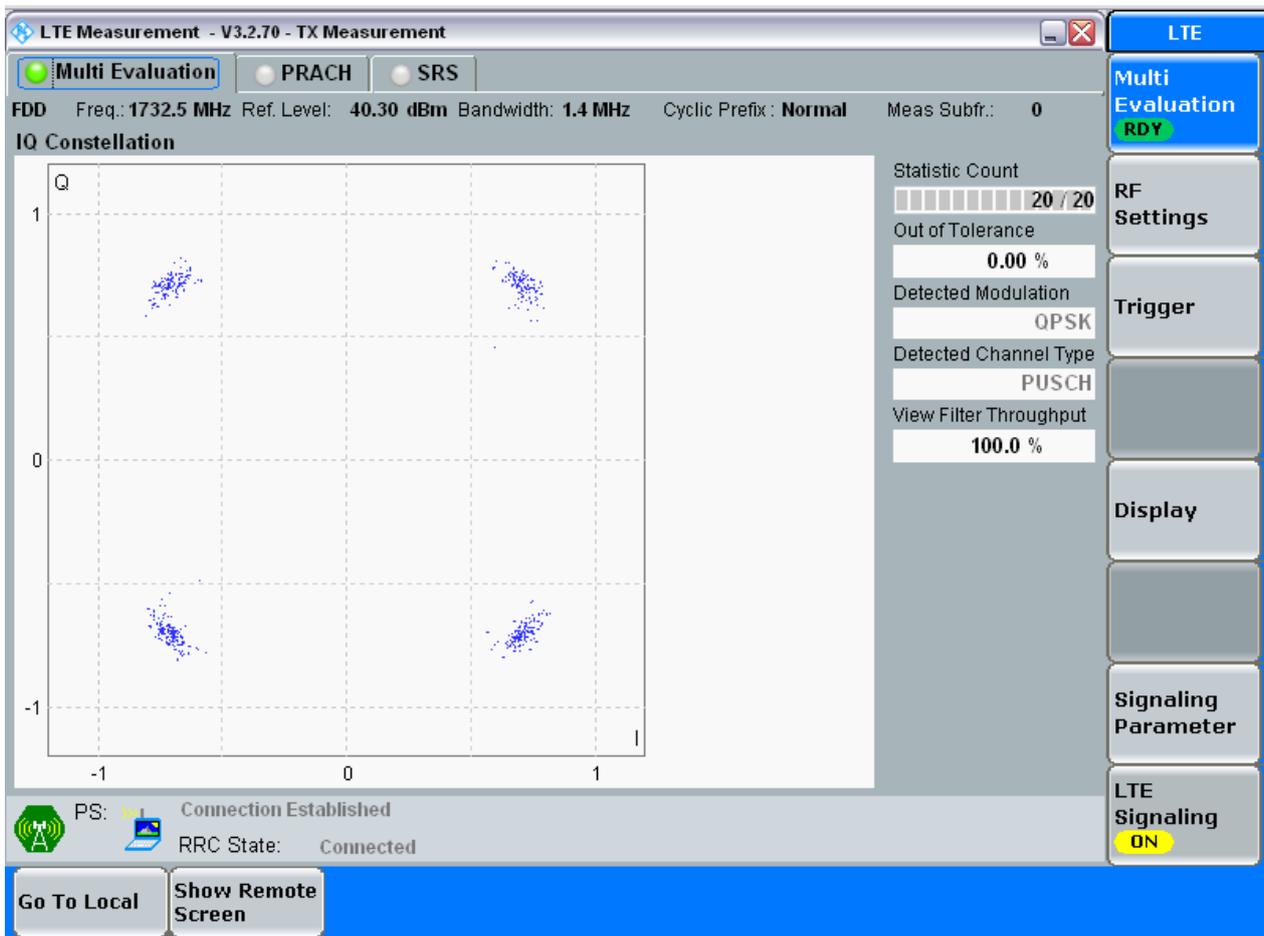
3.1.1 Test Band = BAND4

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

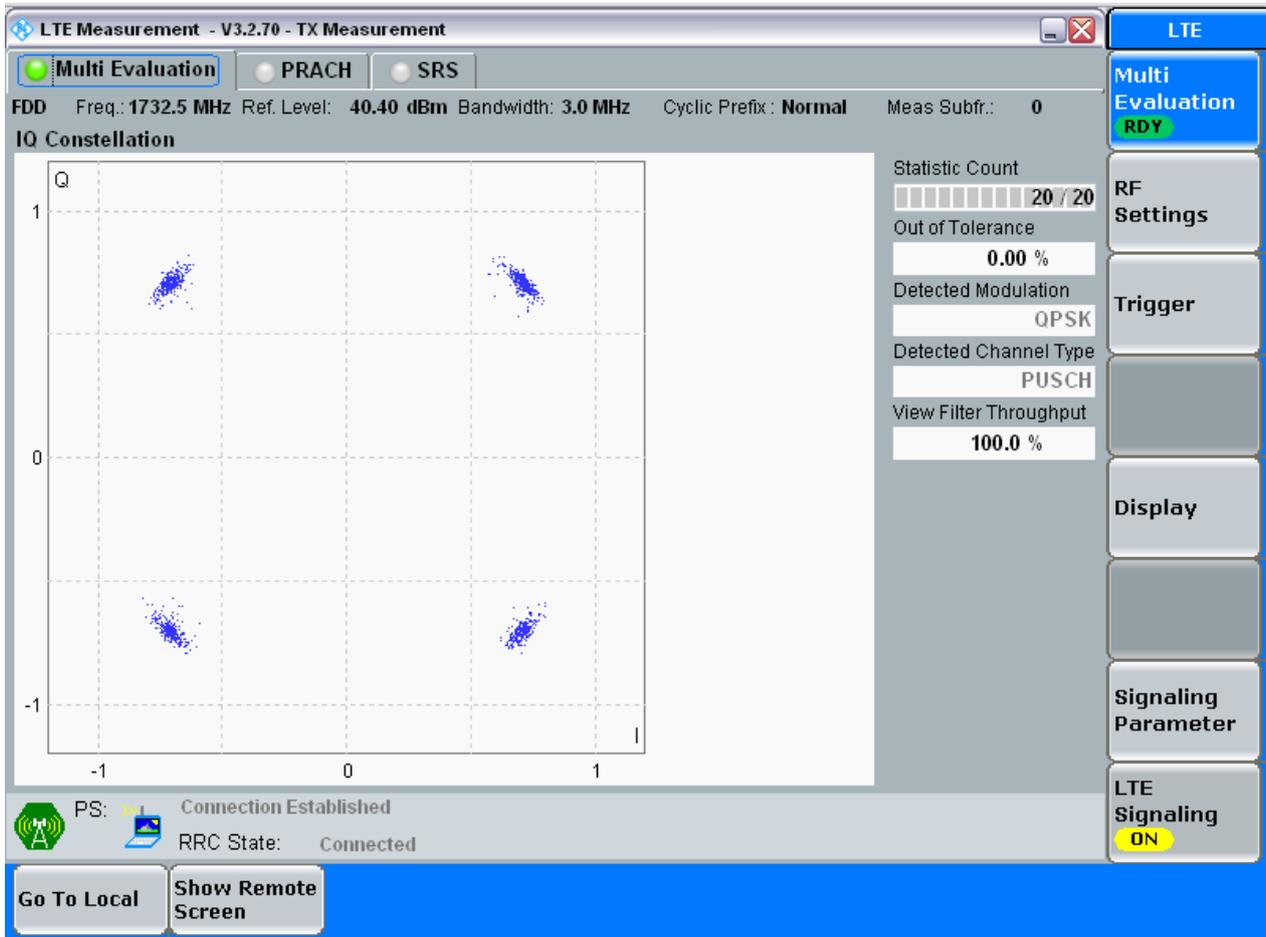
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

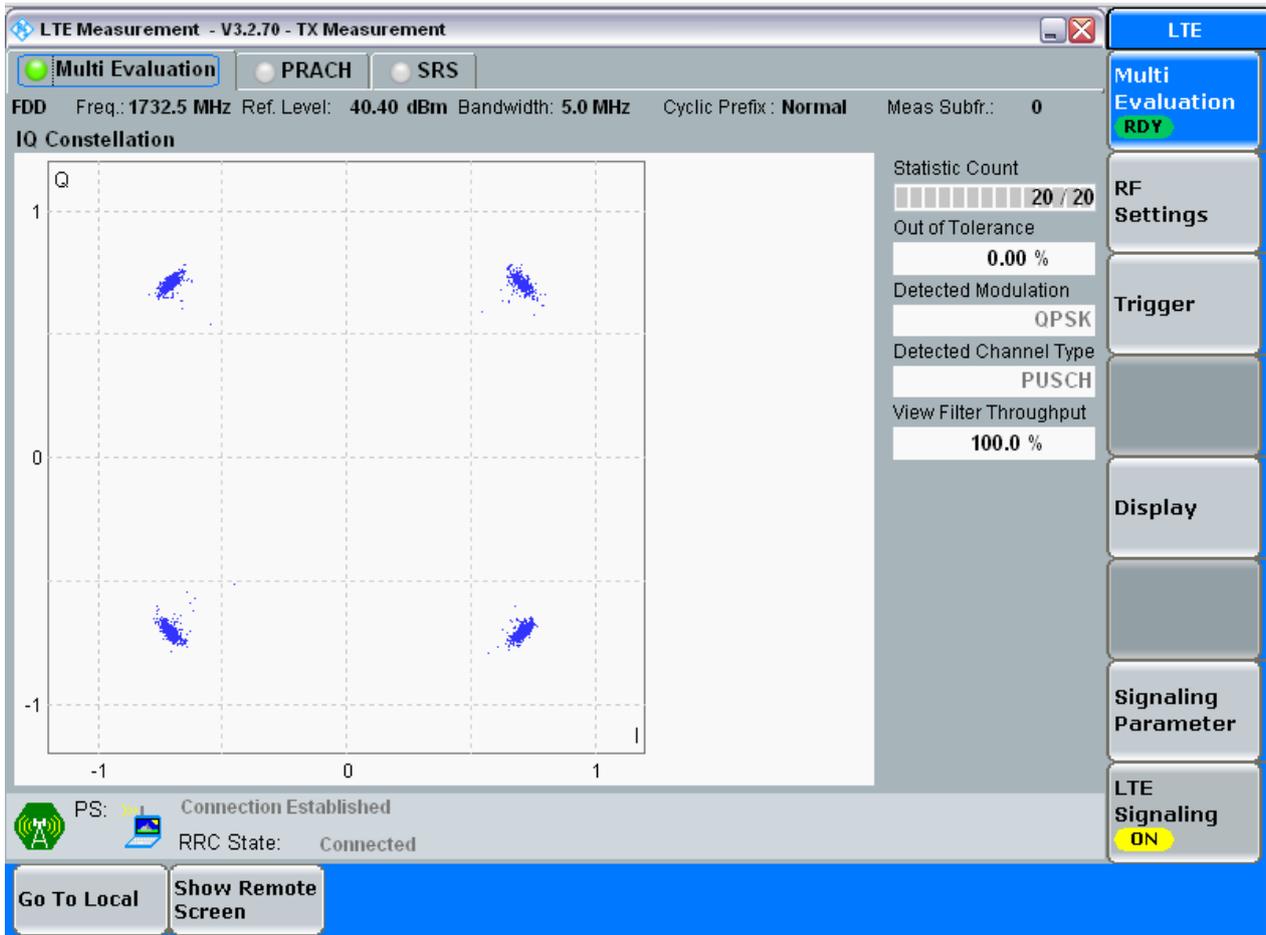
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

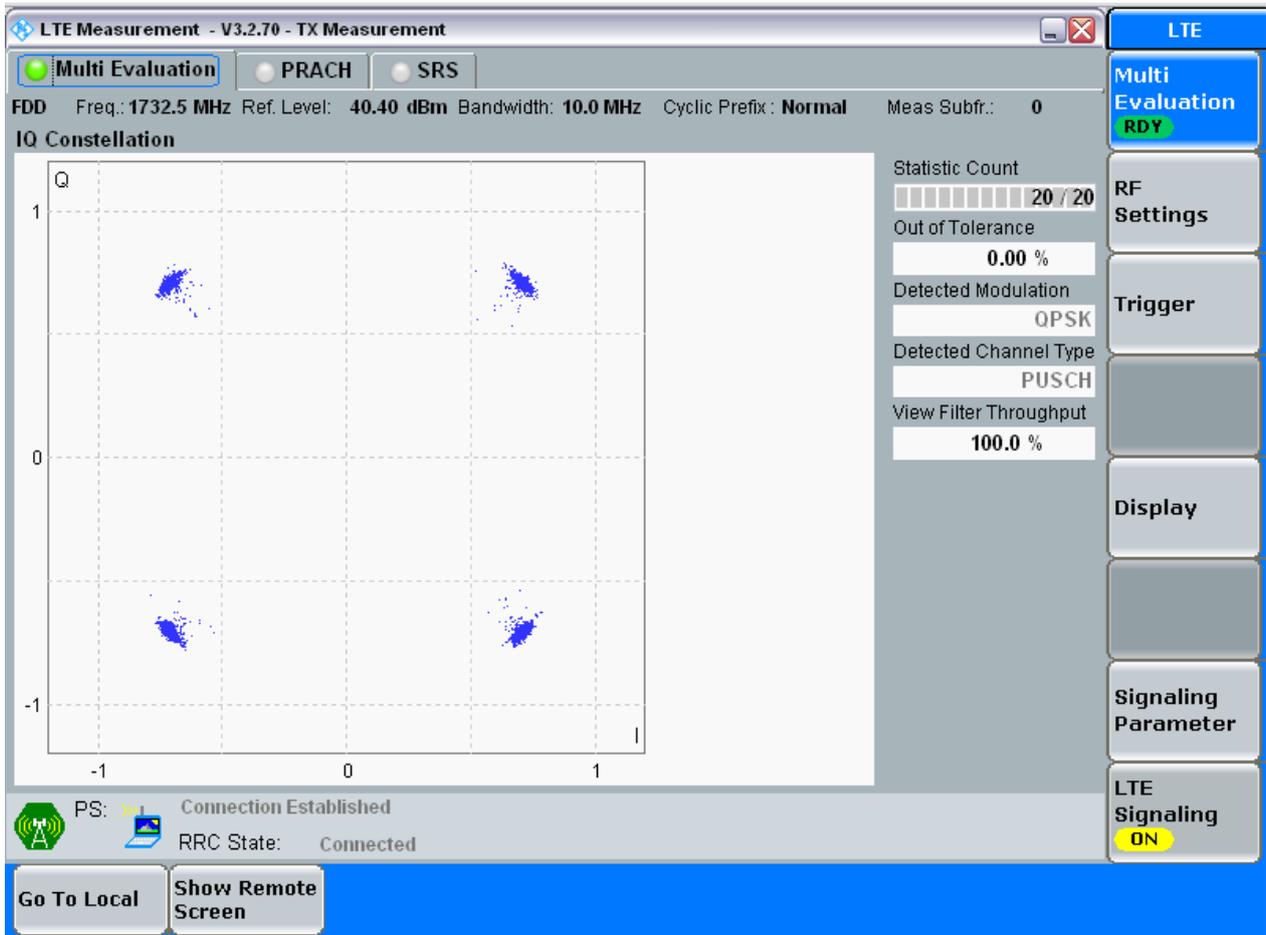
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

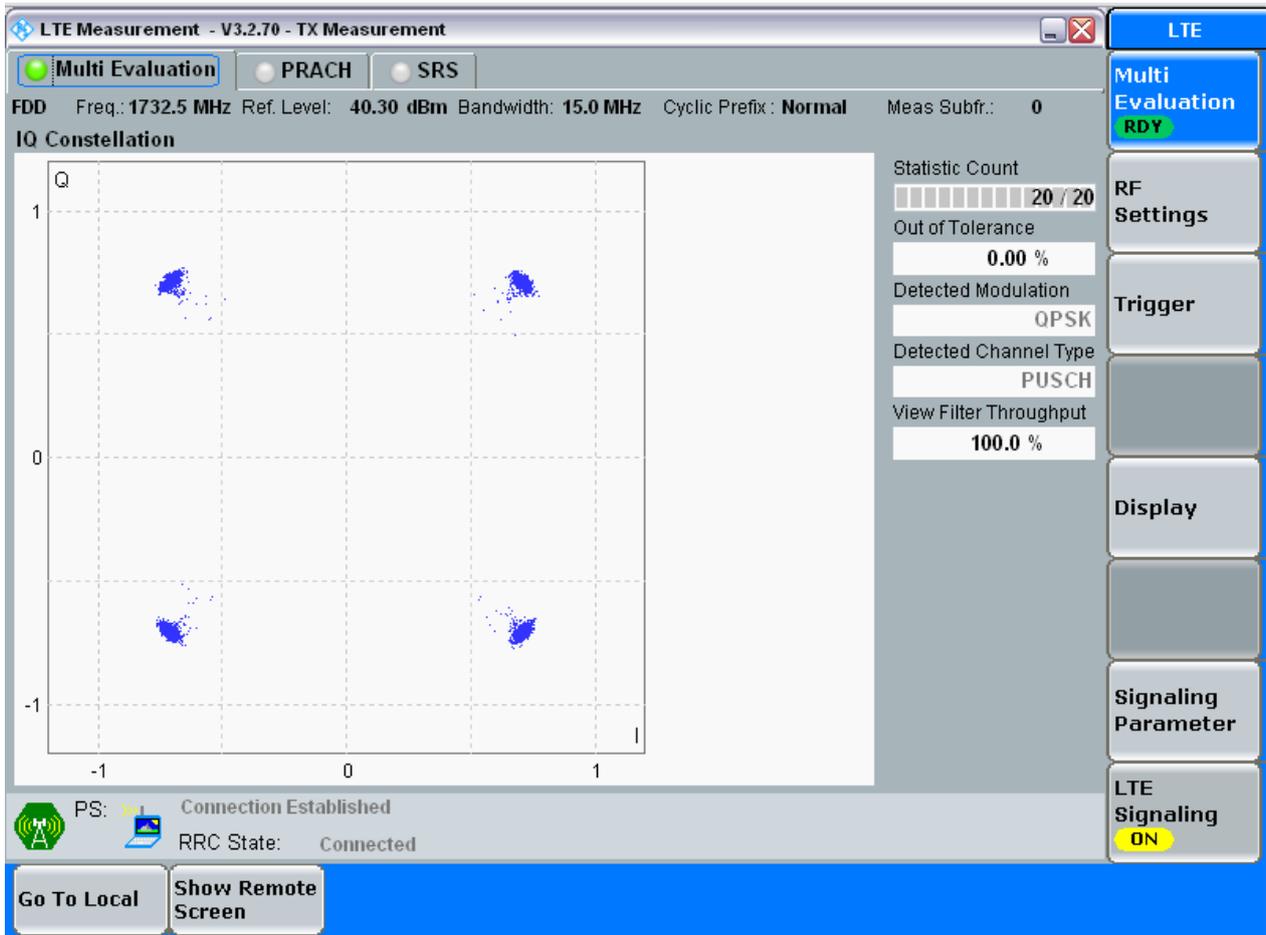
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

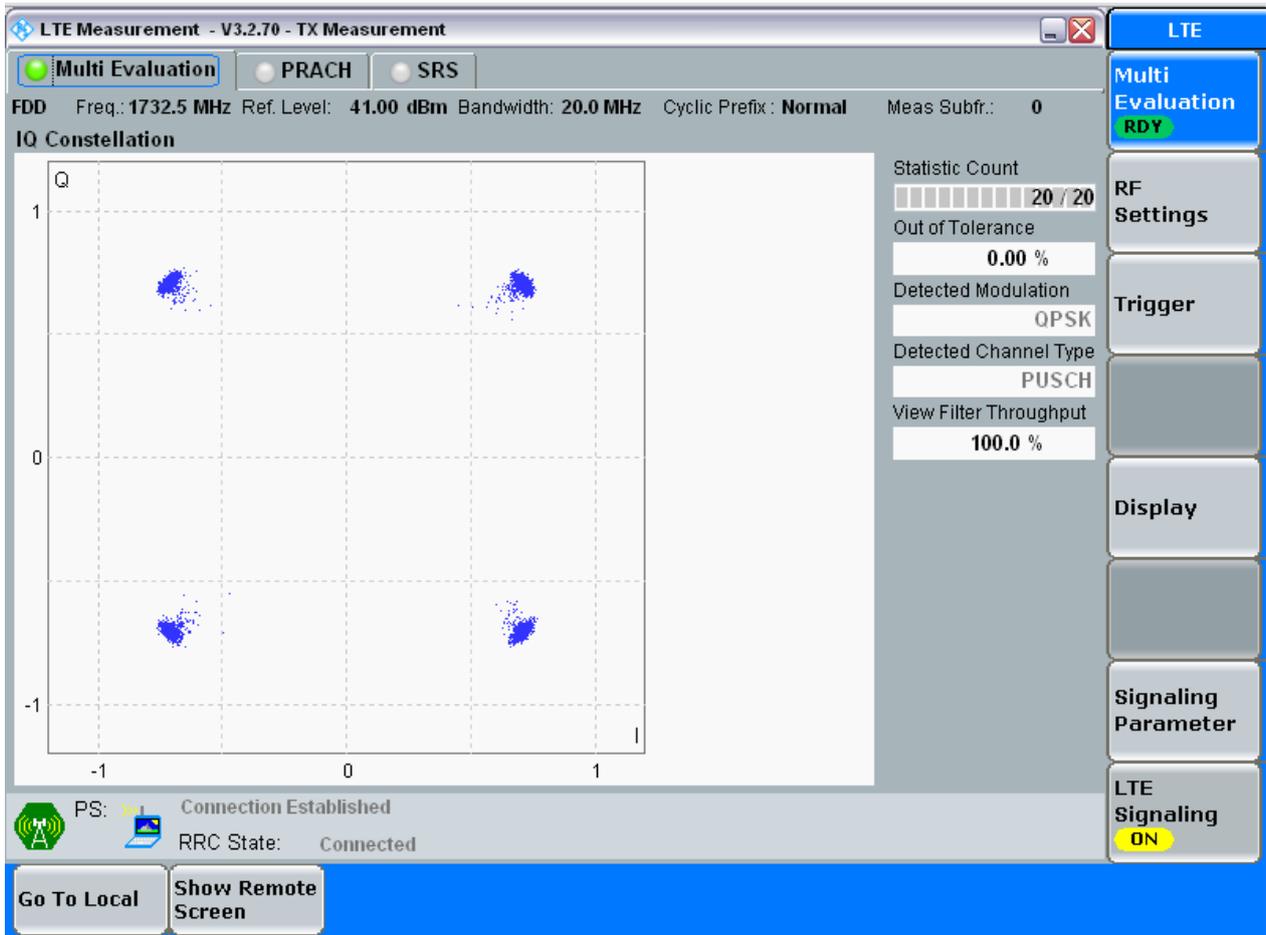
3.1.1.1.5.1.1 Test RB = RB75#0



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

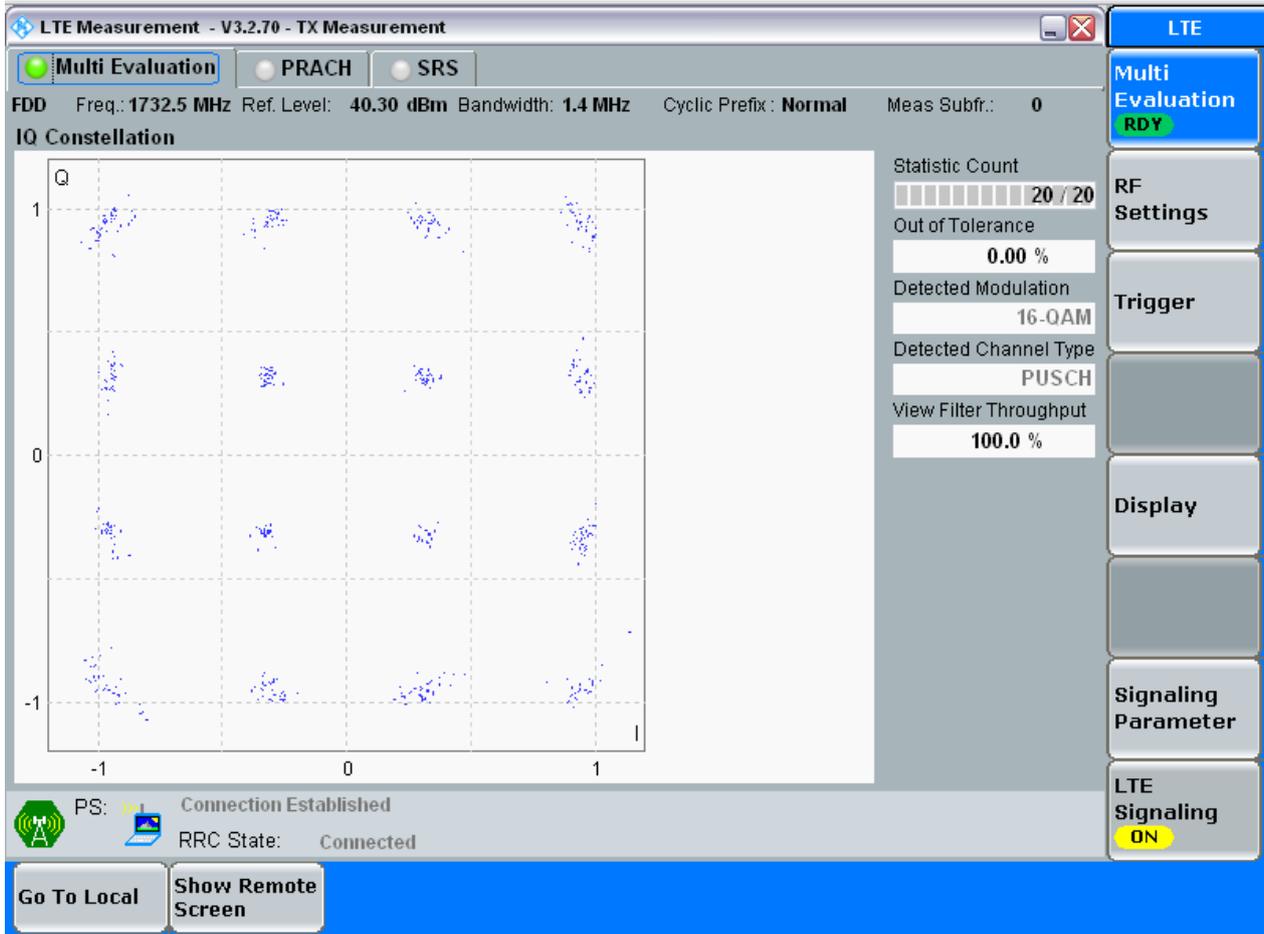


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

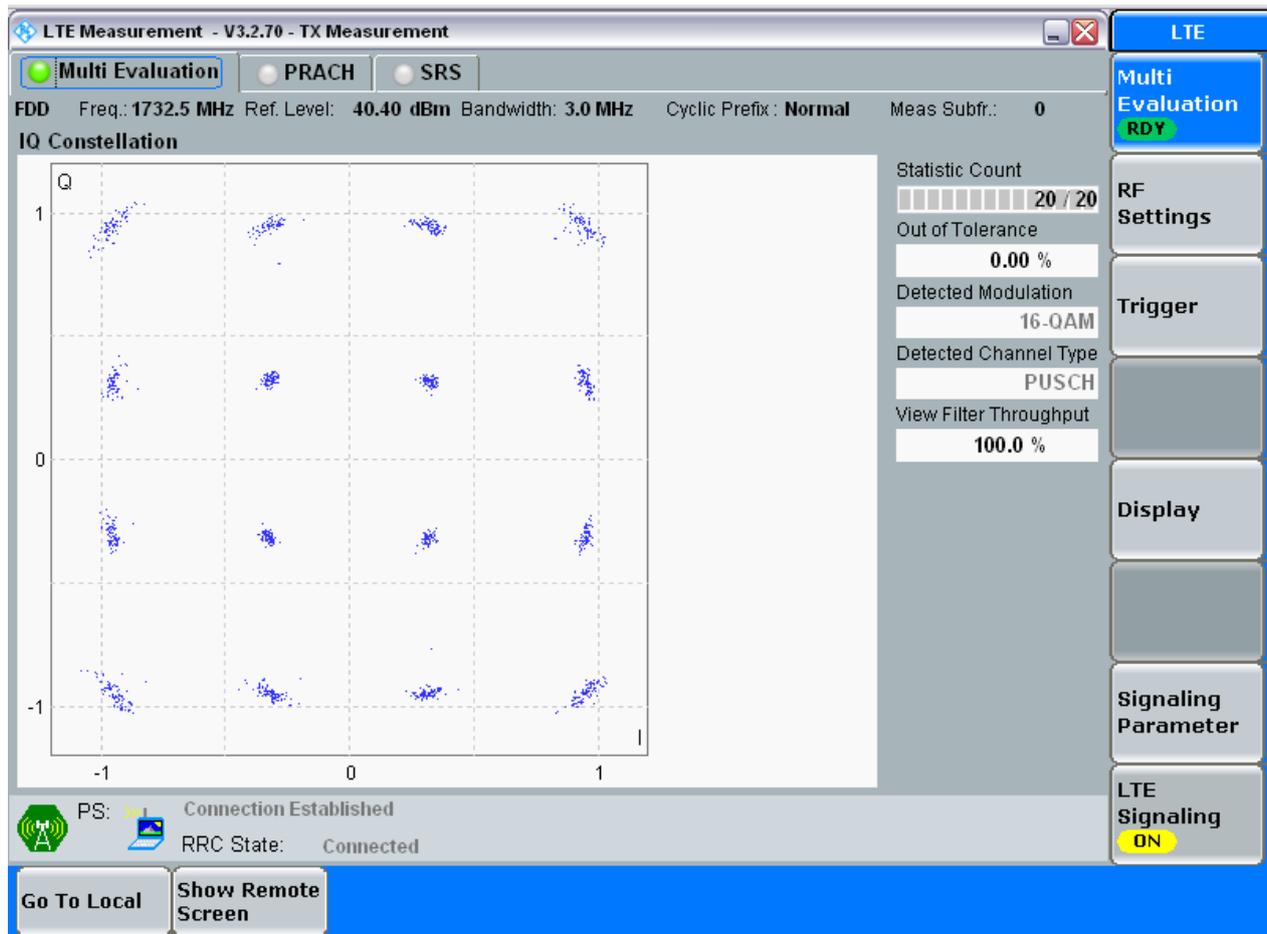
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

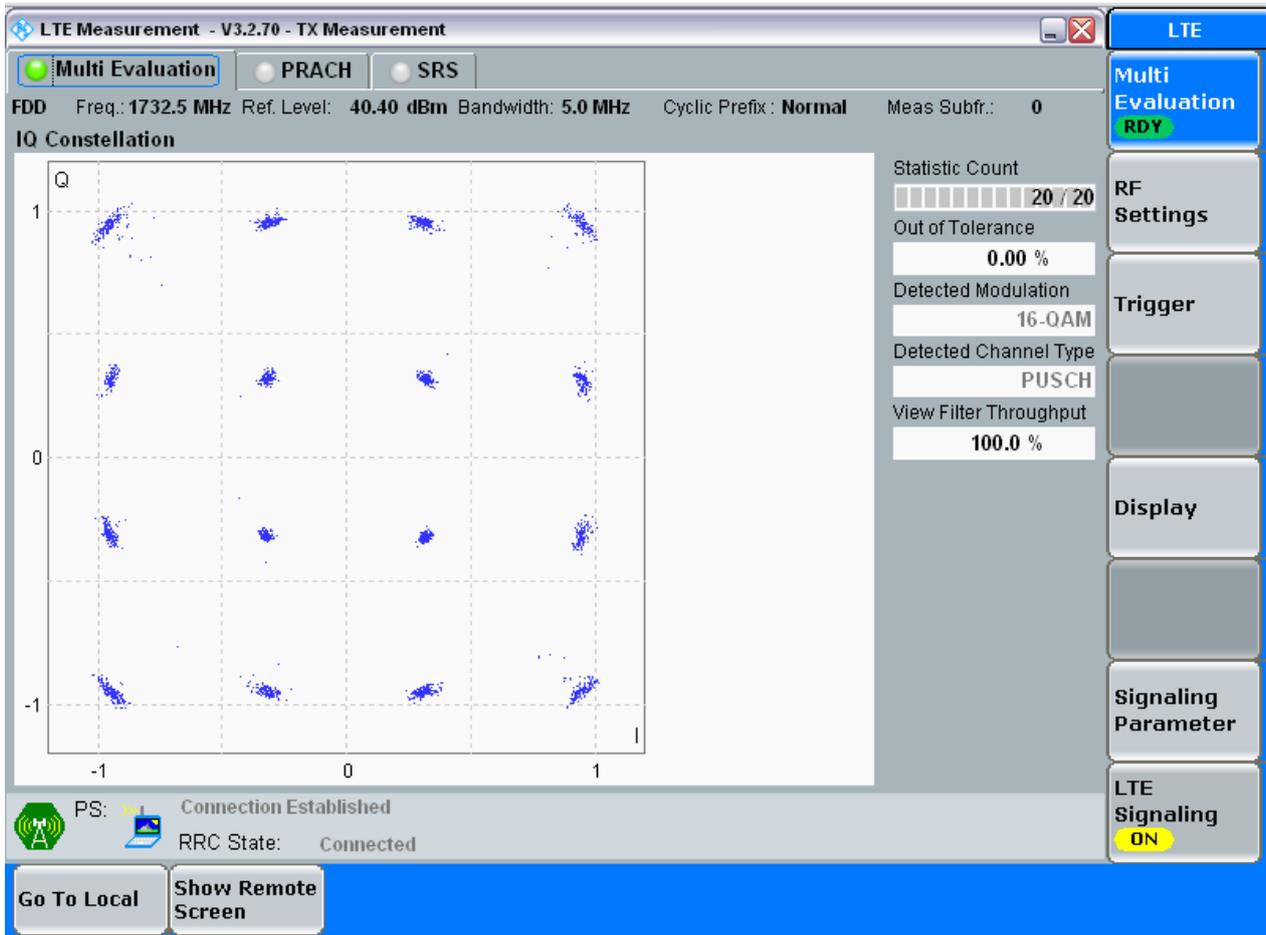
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

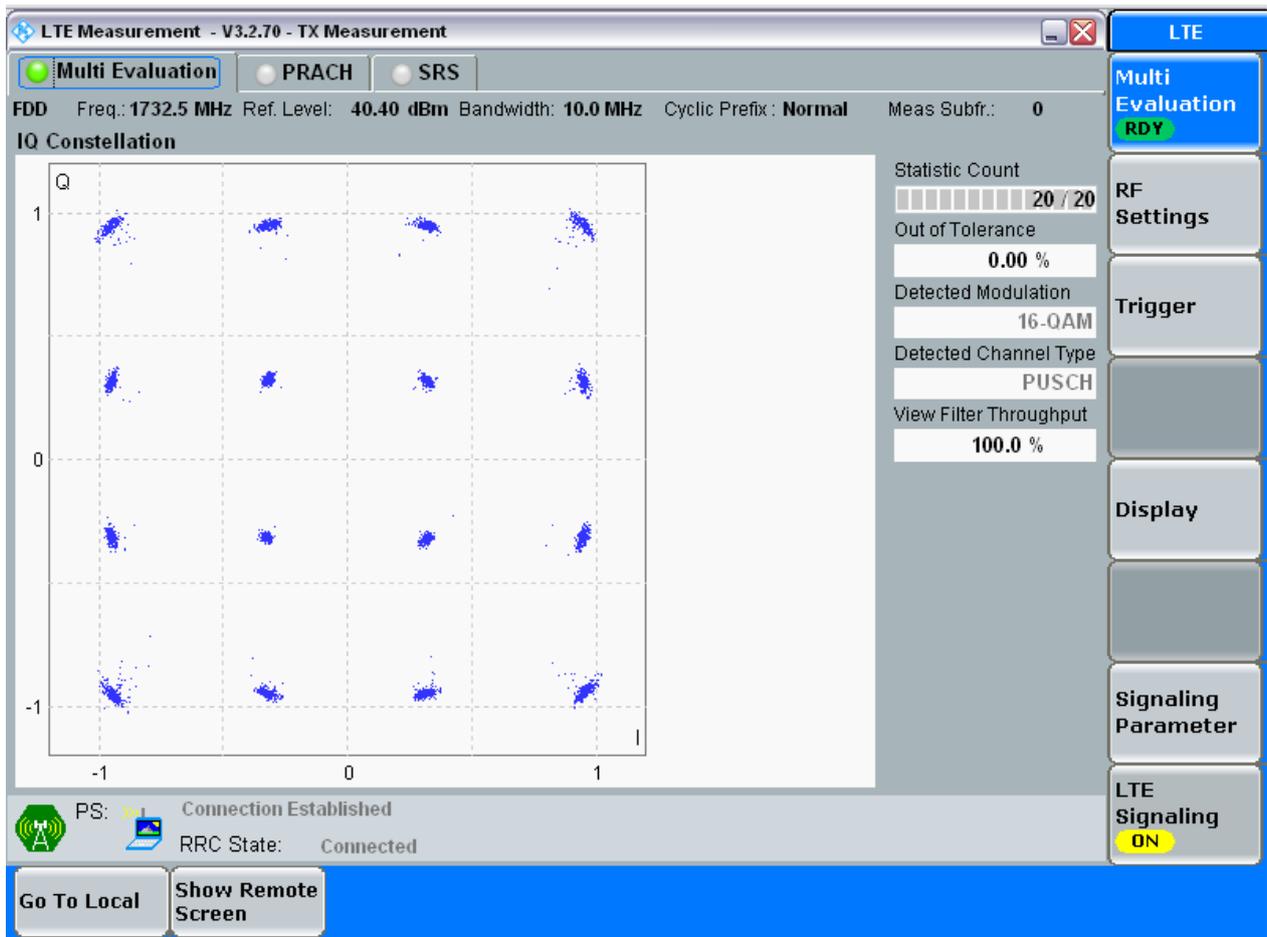
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

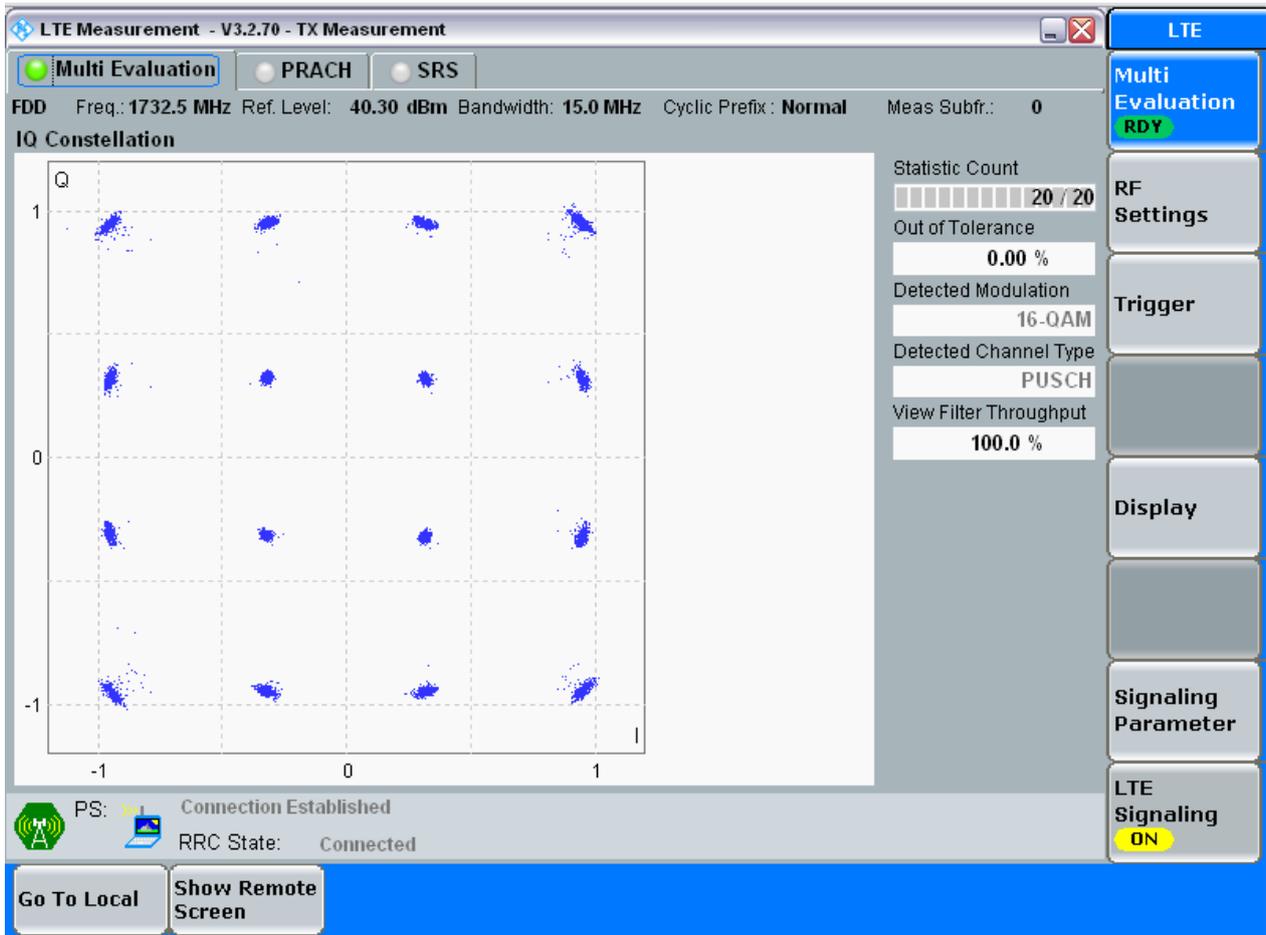
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

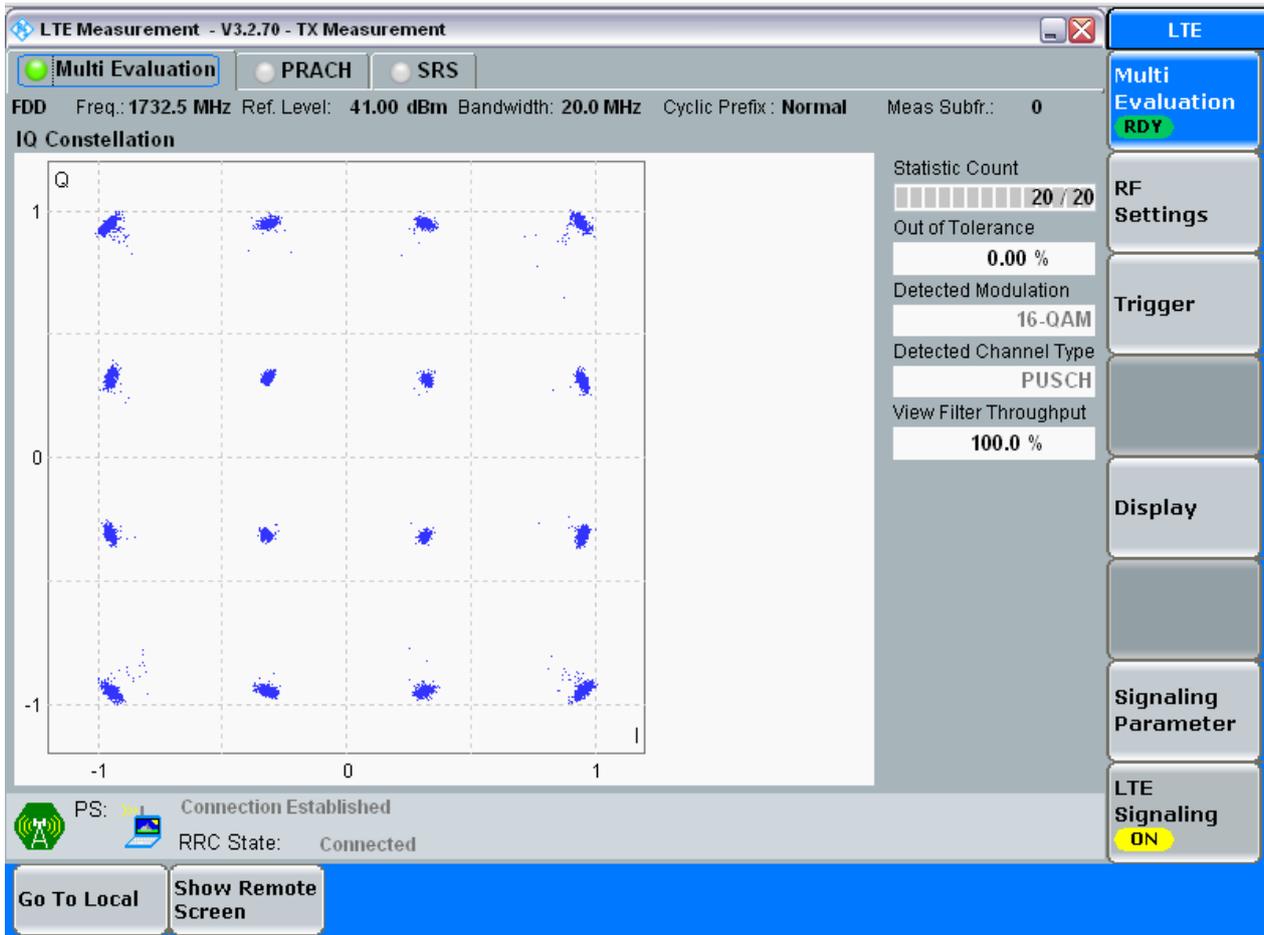
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.32	Pass
			MCH	RB6#0	1.09	1.32	Pass
			HCH	RB6#0	1.09	1.31	Pass
		3	LCH	RB15#0	2.71	3.03	Pass
			MCH	RB15#0	2.71	3.02	Pass
			HCH	RB15#0	2.72	3.01	Pass
		5	LCH	RB25#0	4.52	5.01	Pass
			MCH	RB25#0	4.52	5.01	Pass
			HCH	RB25#0	4.51	4.99	Pass
		10	LCH	RB50#0	9.01	10.01	Pass
			MCH	RB50#0	9.01	10.02	Pass
			HCH	RB50#0	8.99	9.96	Pass
		15	LCH	RB75#0	13.48	14.89	Pass
			MCH	RB75#0	13.49	14.86	Pass
			HCH	RB75#0	13.48	14.78	Pass
		20	LCH	RB100#0	17.96	19.46	Pass
			MCH	RB100#0	17.94	19.43	Pass
			HCH	RB100#0	17.96	19.62	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.33	Pass
			MCH	RB6#0	1.10	1.33	Pass
			HCH	RB6#0	1.09	1.31	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.71	3.02	Pass
			HCH	RB15#0	2.70	3.01	Pass
		5	LCH	RB25#0	4.53	5.02	Pass
			MCH	RB25#0	4.53	5.03	Pass
			HCH	RB25#0	4.52	5.04	Pass
10		LCH	RB50#0	9.01	9.99	Pass	
		MCH	RB50#0	9.02	10.01	Pass	
		HCH	RB50#0	9.02	9.91	Pass	

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.47	14.77	Pass
			MCH	RB75#0	13.49	14.76	Pass
			HCH	RB75#0	13.46	14.76	Pass
		20	LCH	RB100#0	17.94	19.51	Pass
			MCH	RB100#0	17.94	19.49	Pass
			HCH	RB100#0	17.93	19.61	Pass



Part II - Test Plots

4.1 For LTE

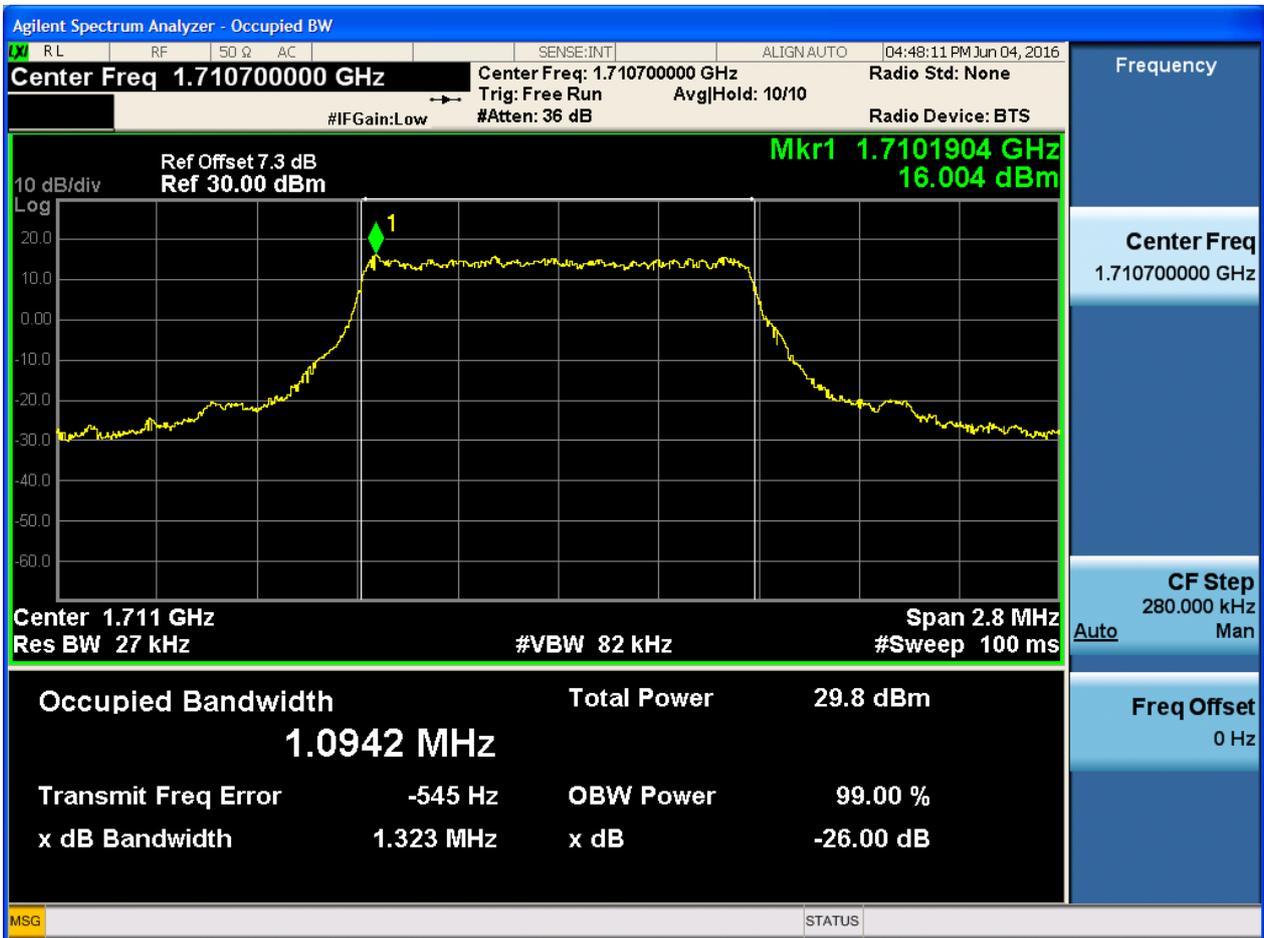
4.1.1 Test Band = BAND4

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

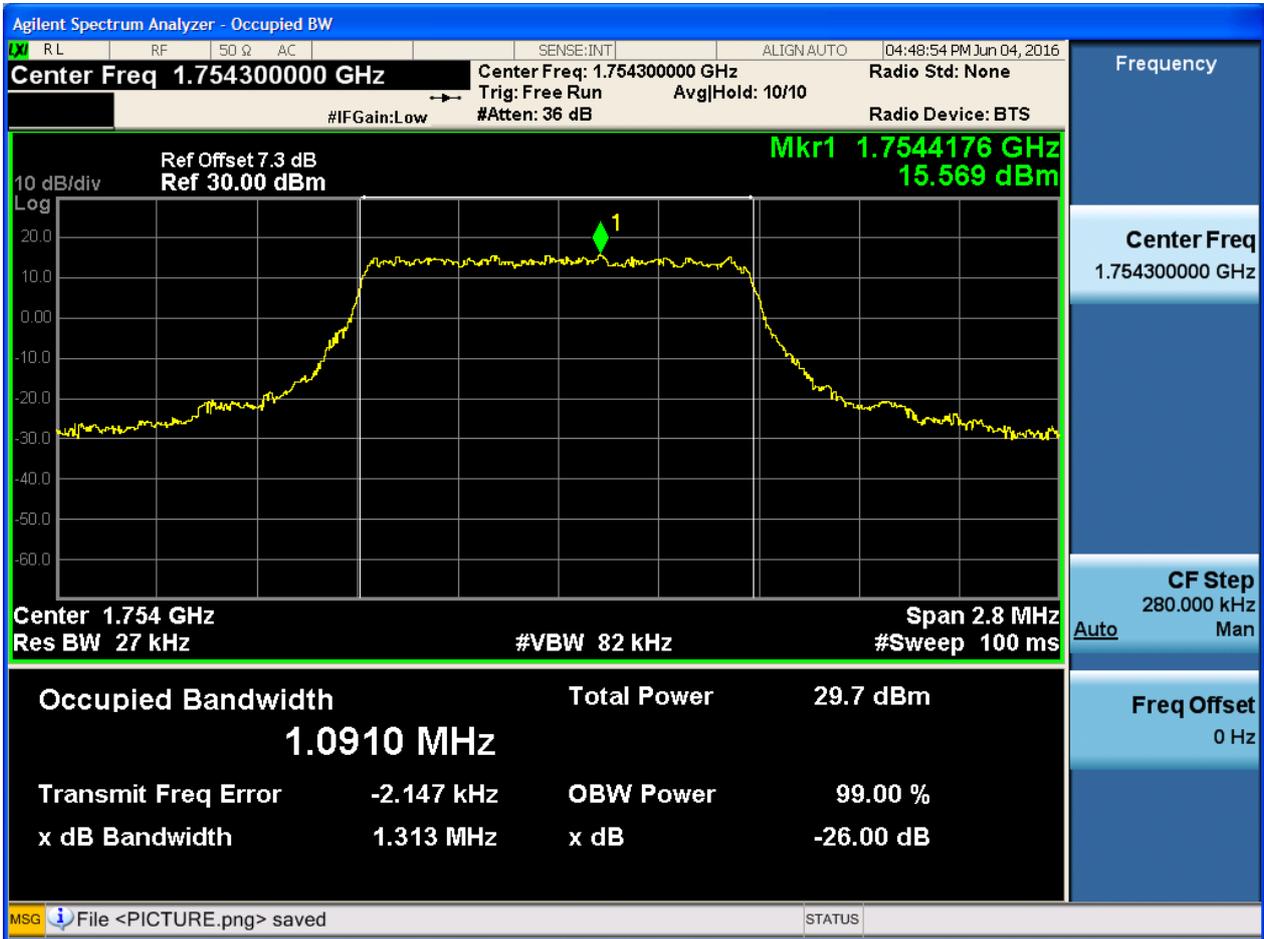
4.1.1.1.1.2.1 Test RB = RB6#0





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





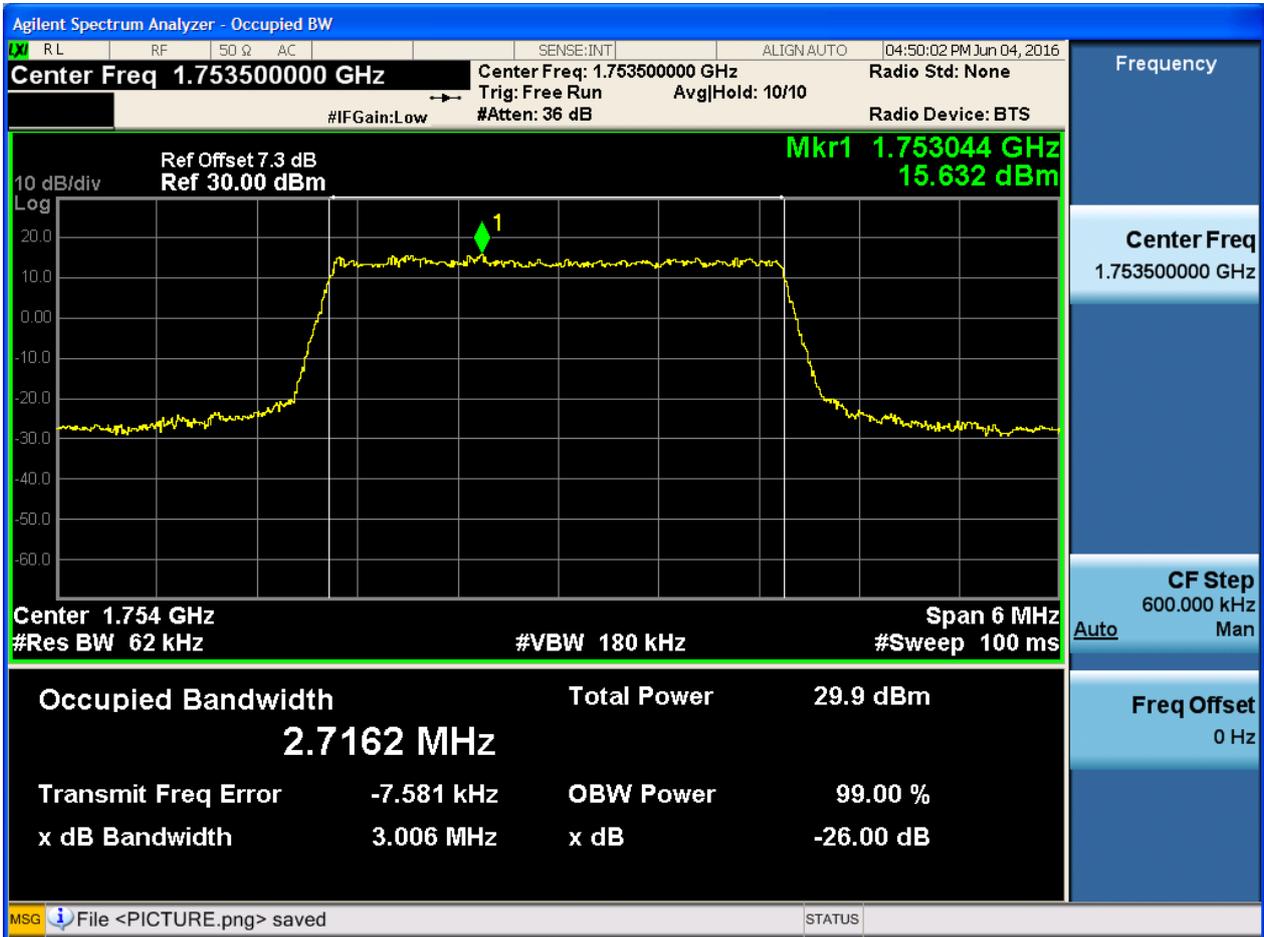
4.1.1.1.2.2 Test Channel = MCH

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

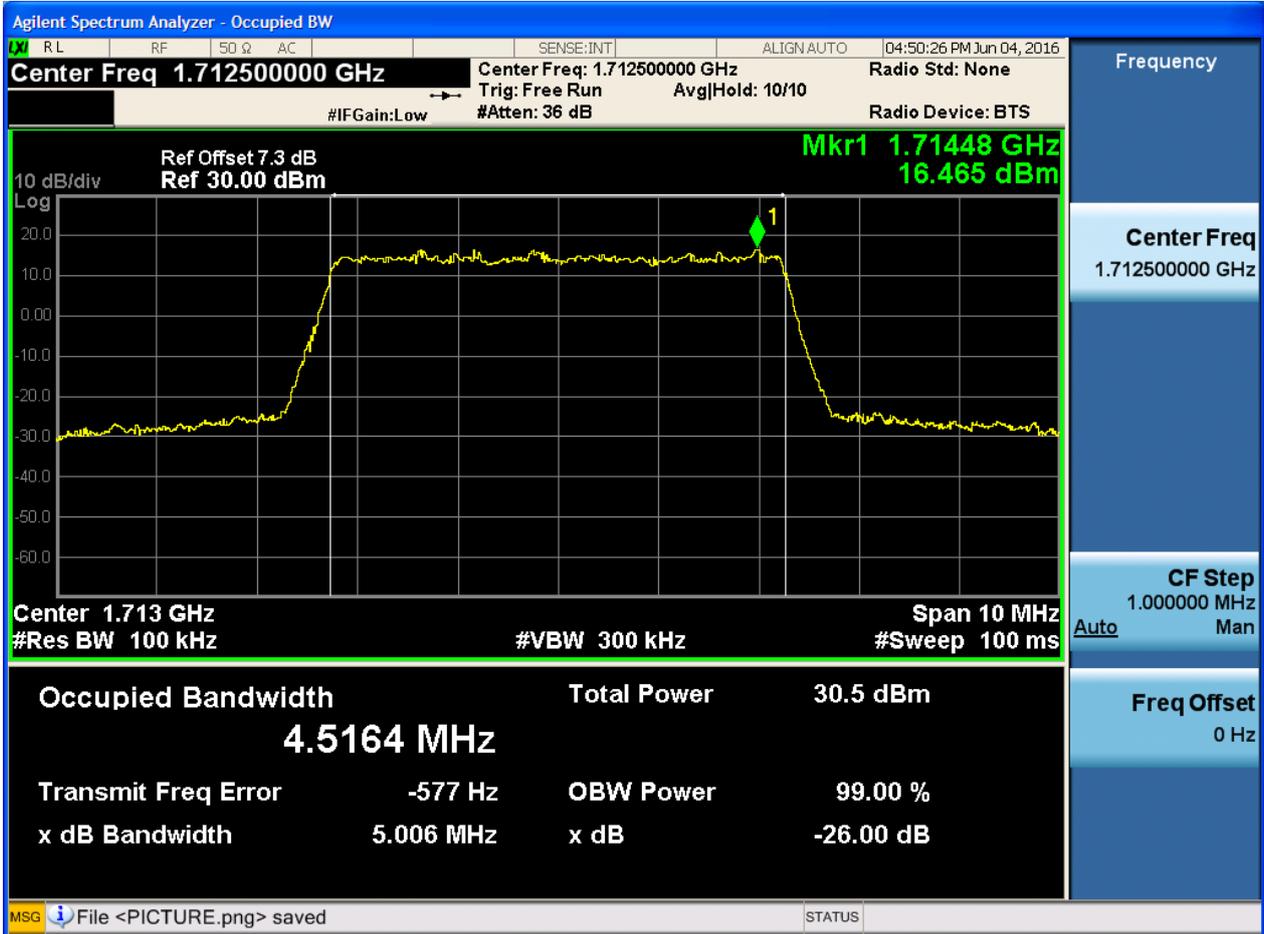




4.1.1.1.3 Test Bandwidth = 5

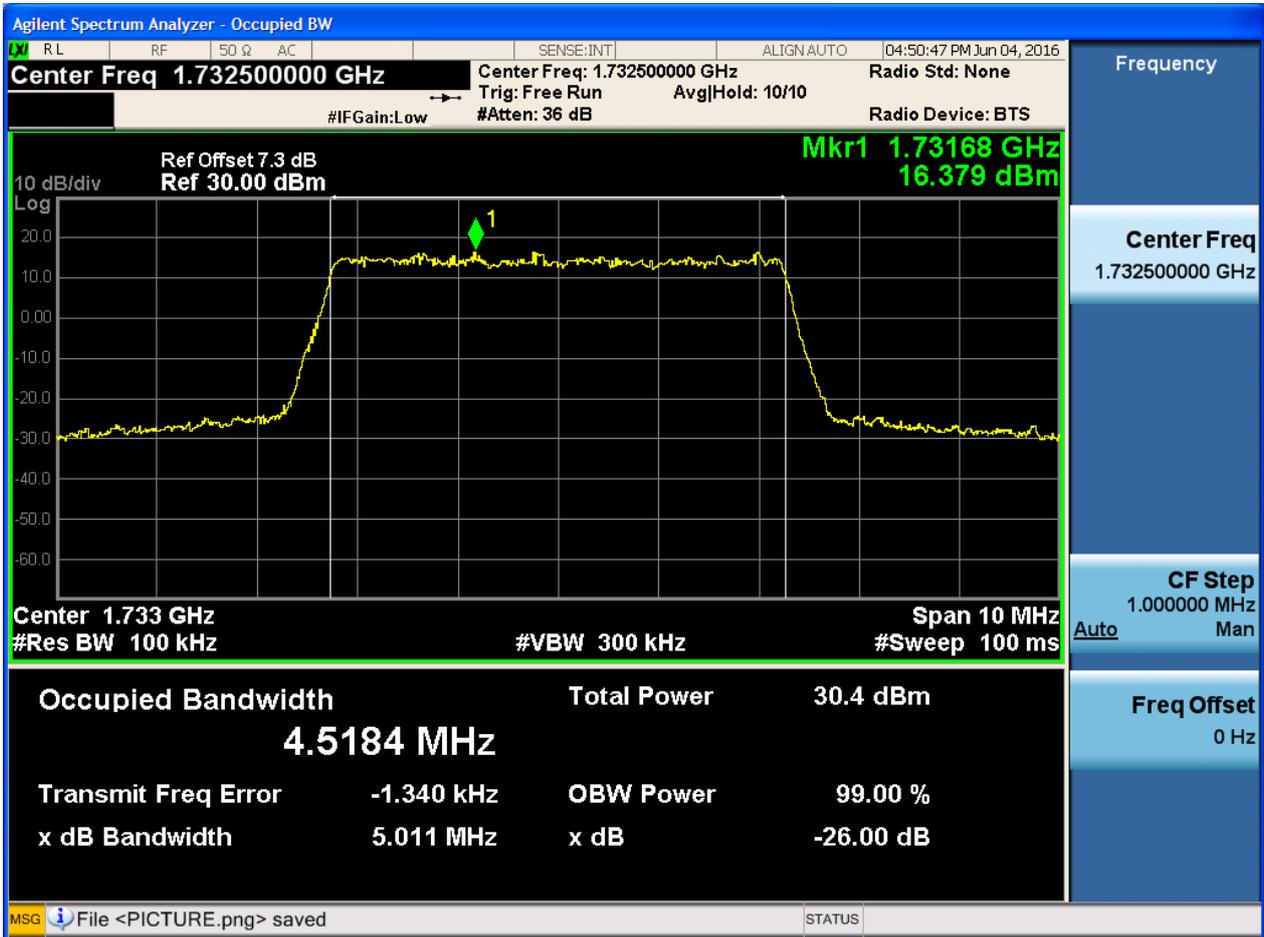
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

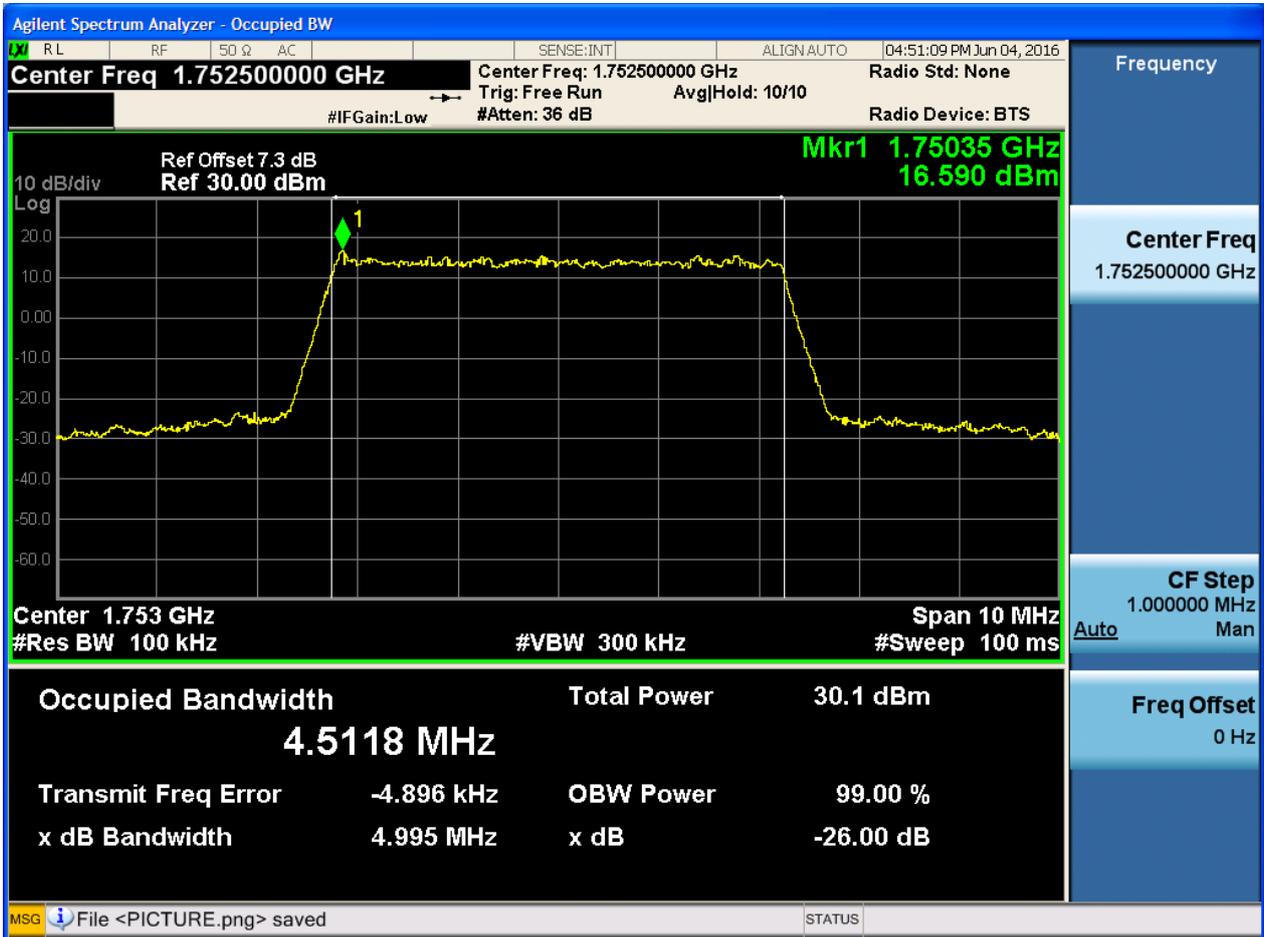
4.1.1.1.3.2.1 Test RB = RB25#0





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

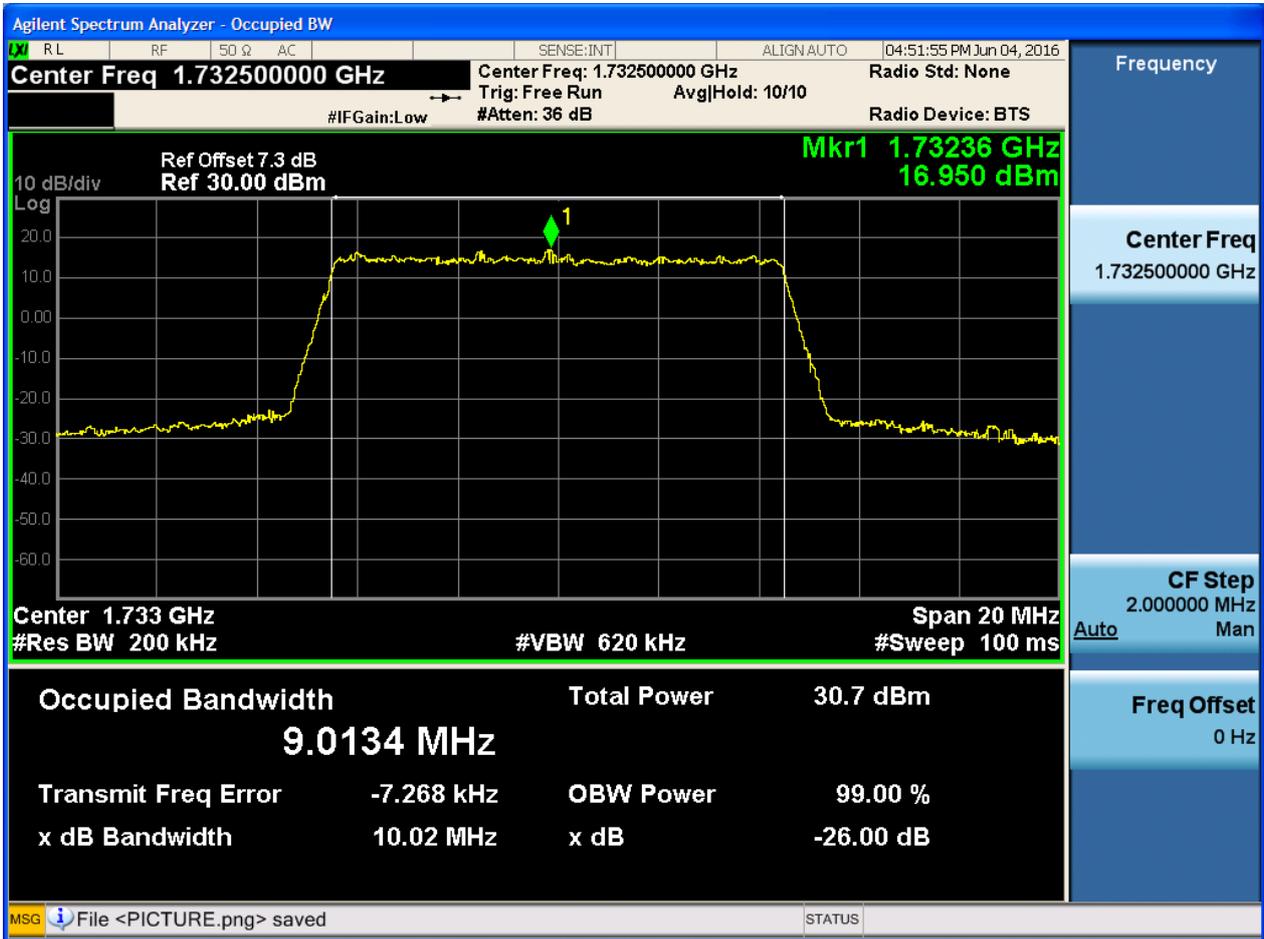
4.1.1.1.4.1.1 Test RB = RB50#0





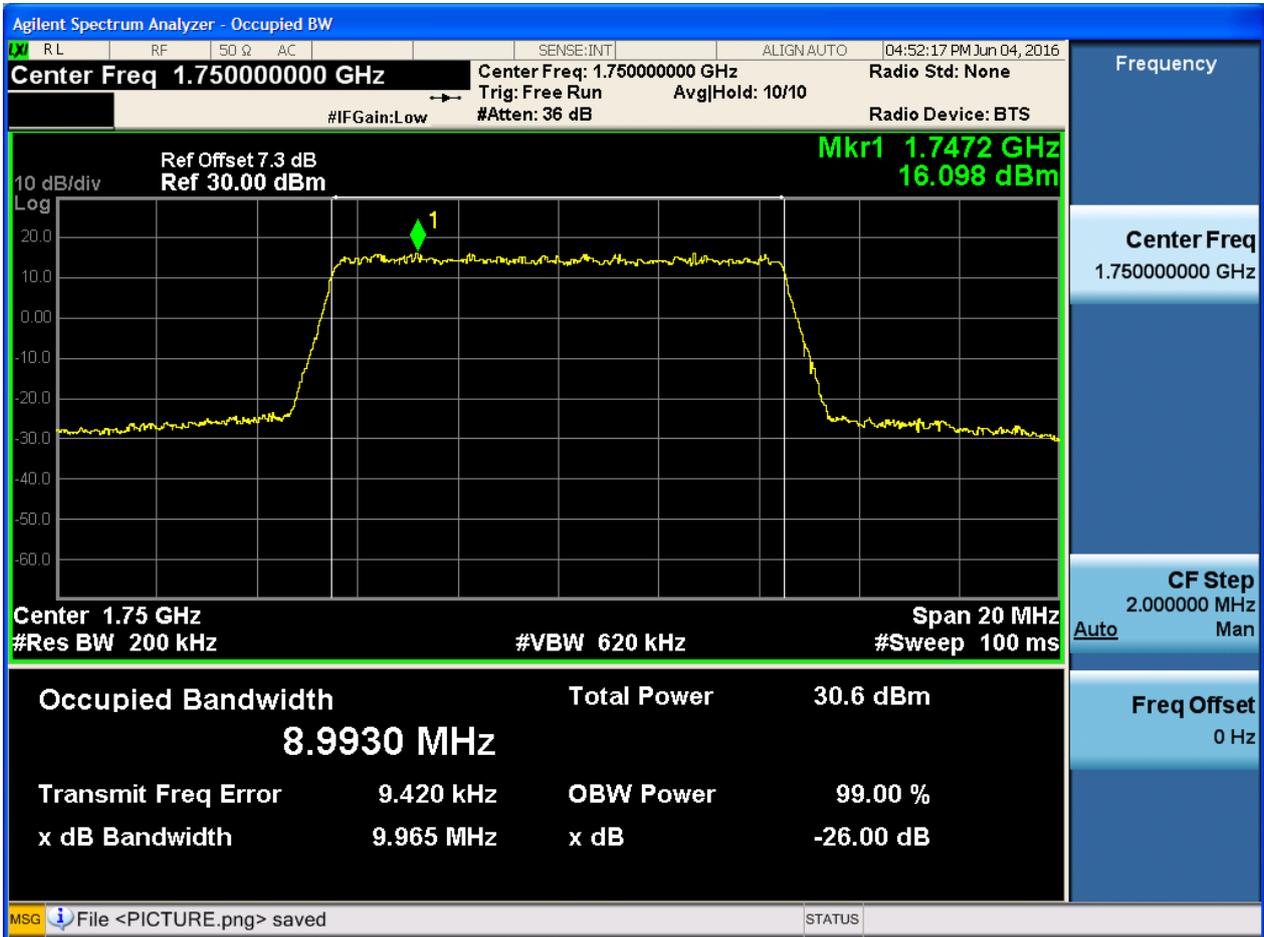
4.1.1.1.4.2 Test Channel = MCH

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

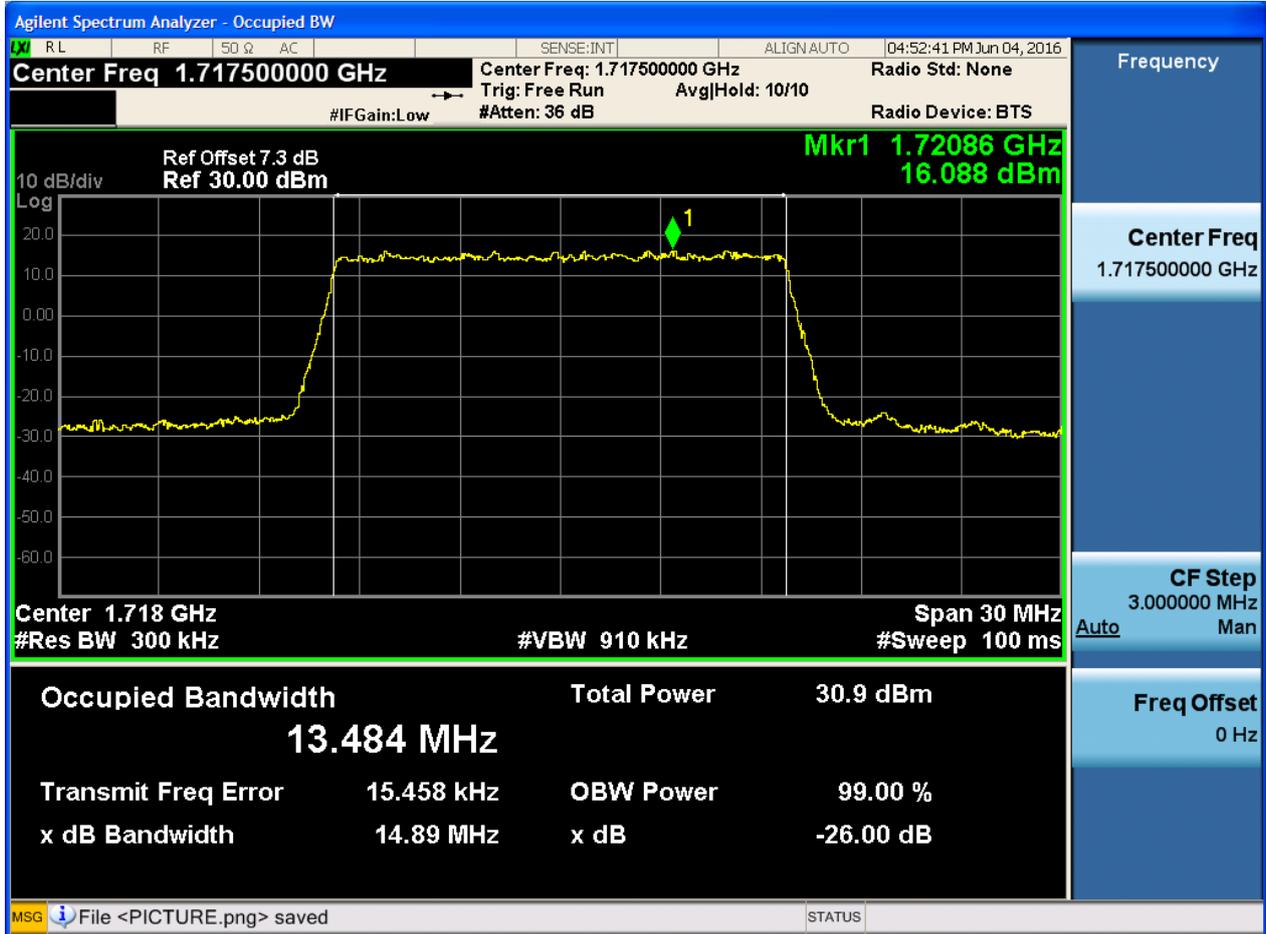




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

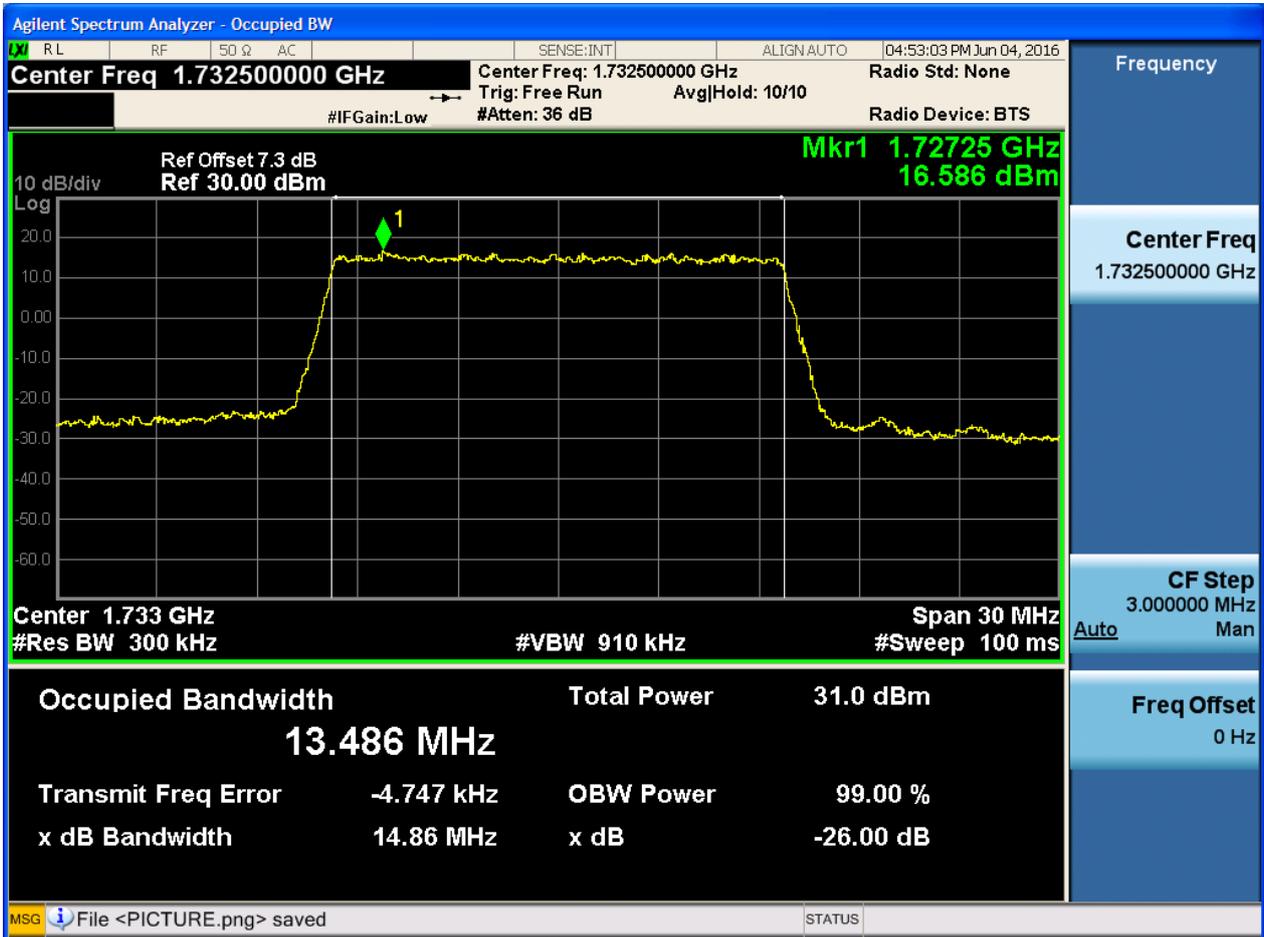
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

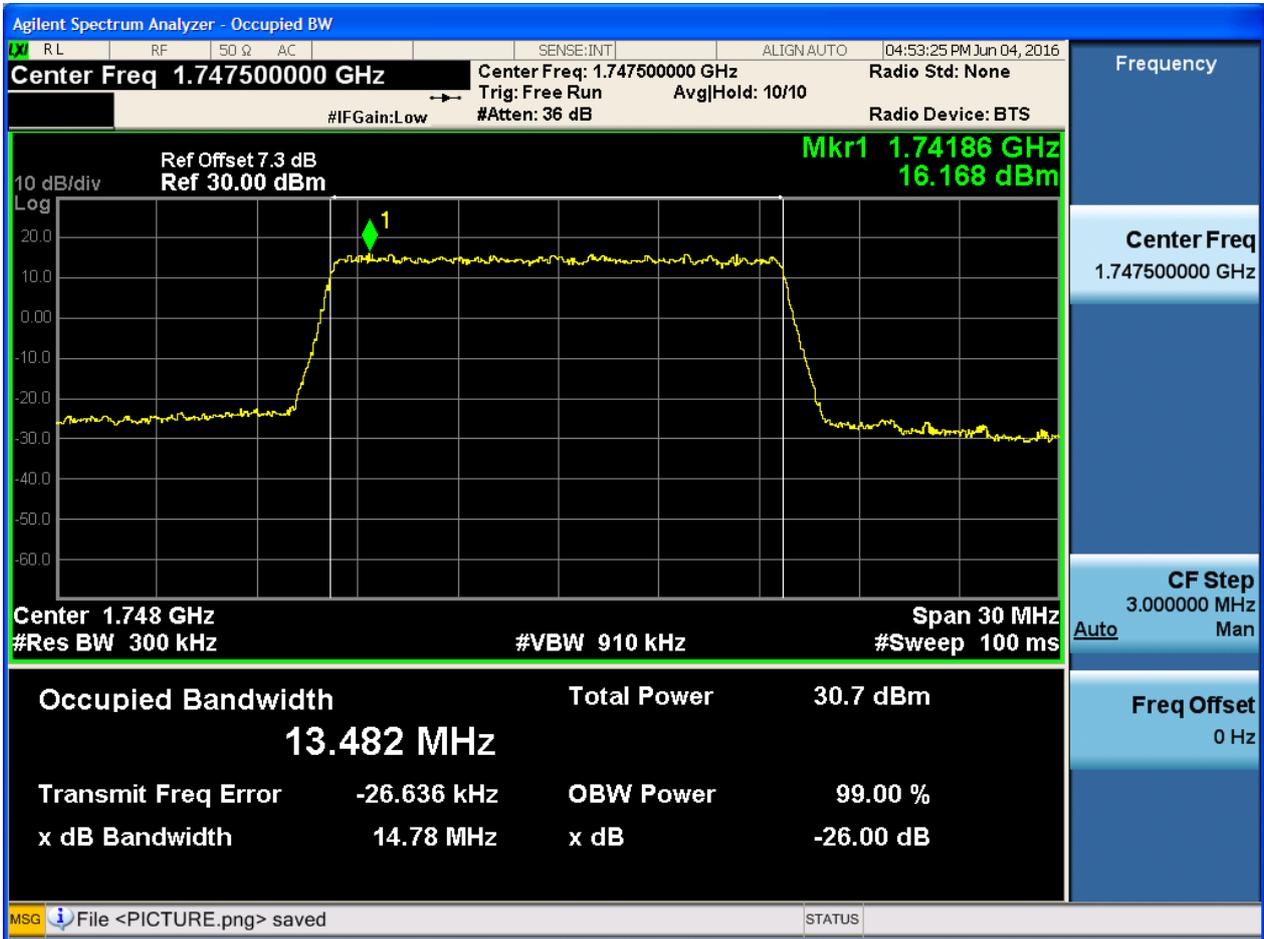
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

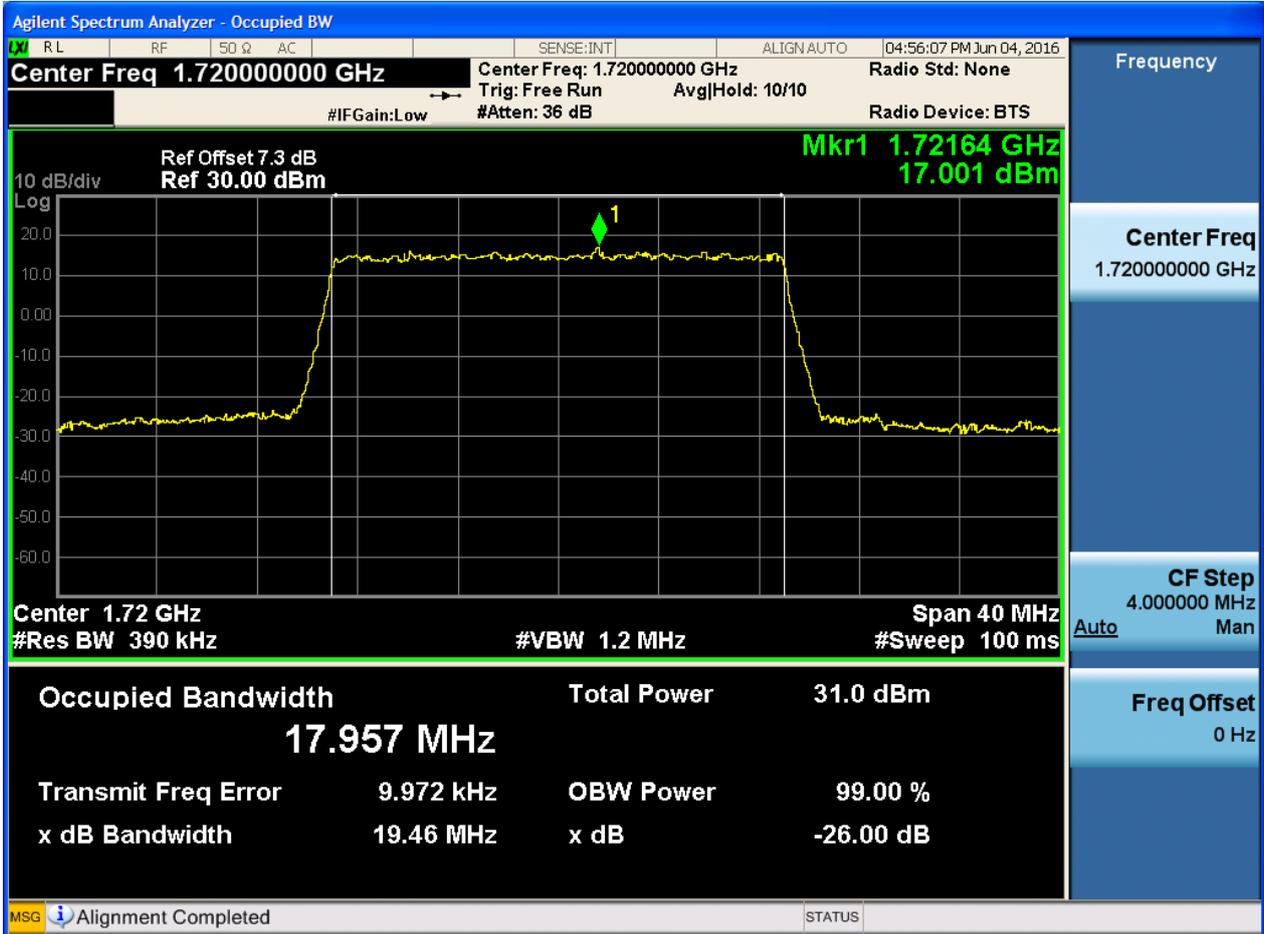




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

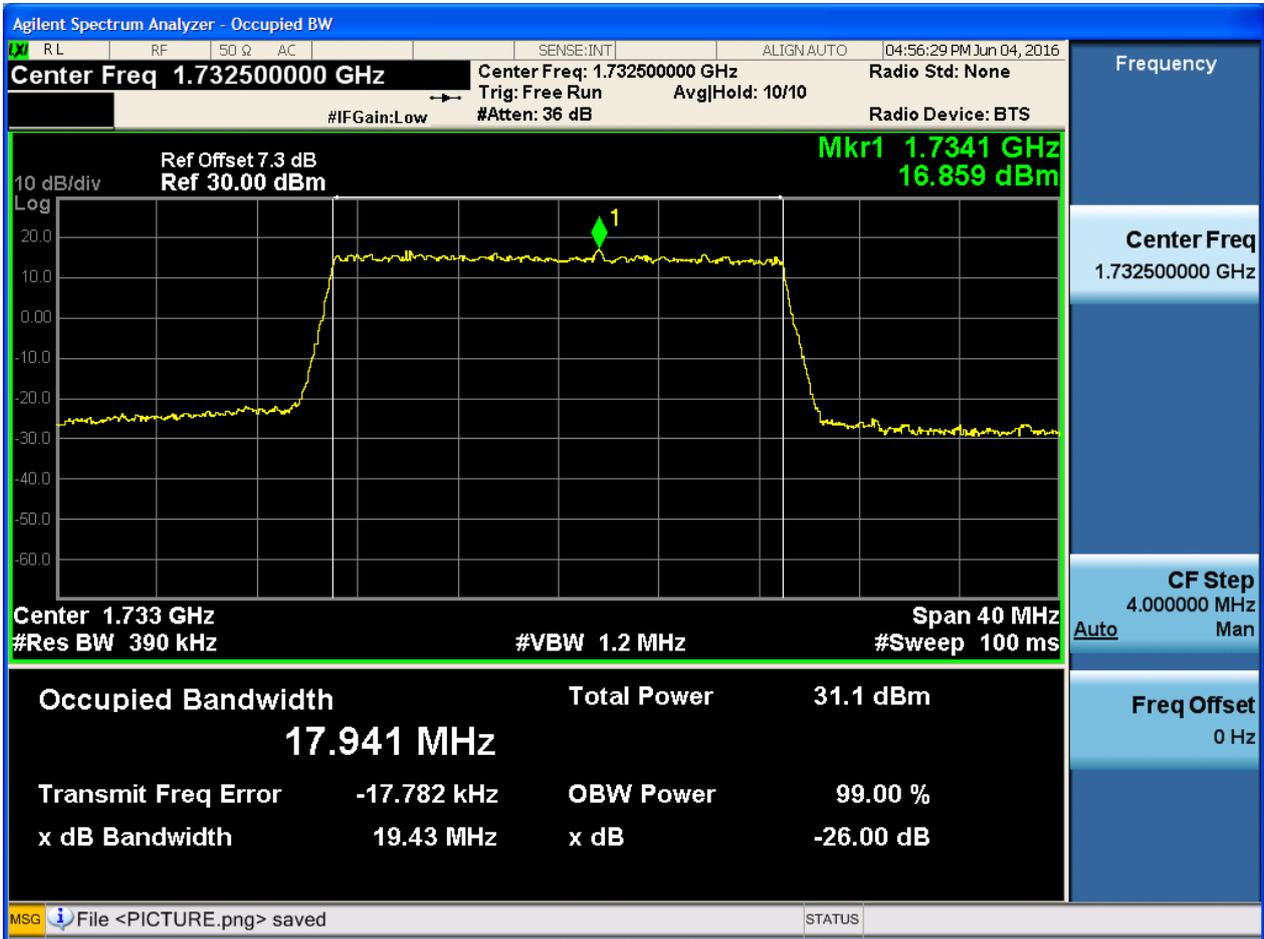
4.1.1.1.6.1.1 Test RB = RB100#0





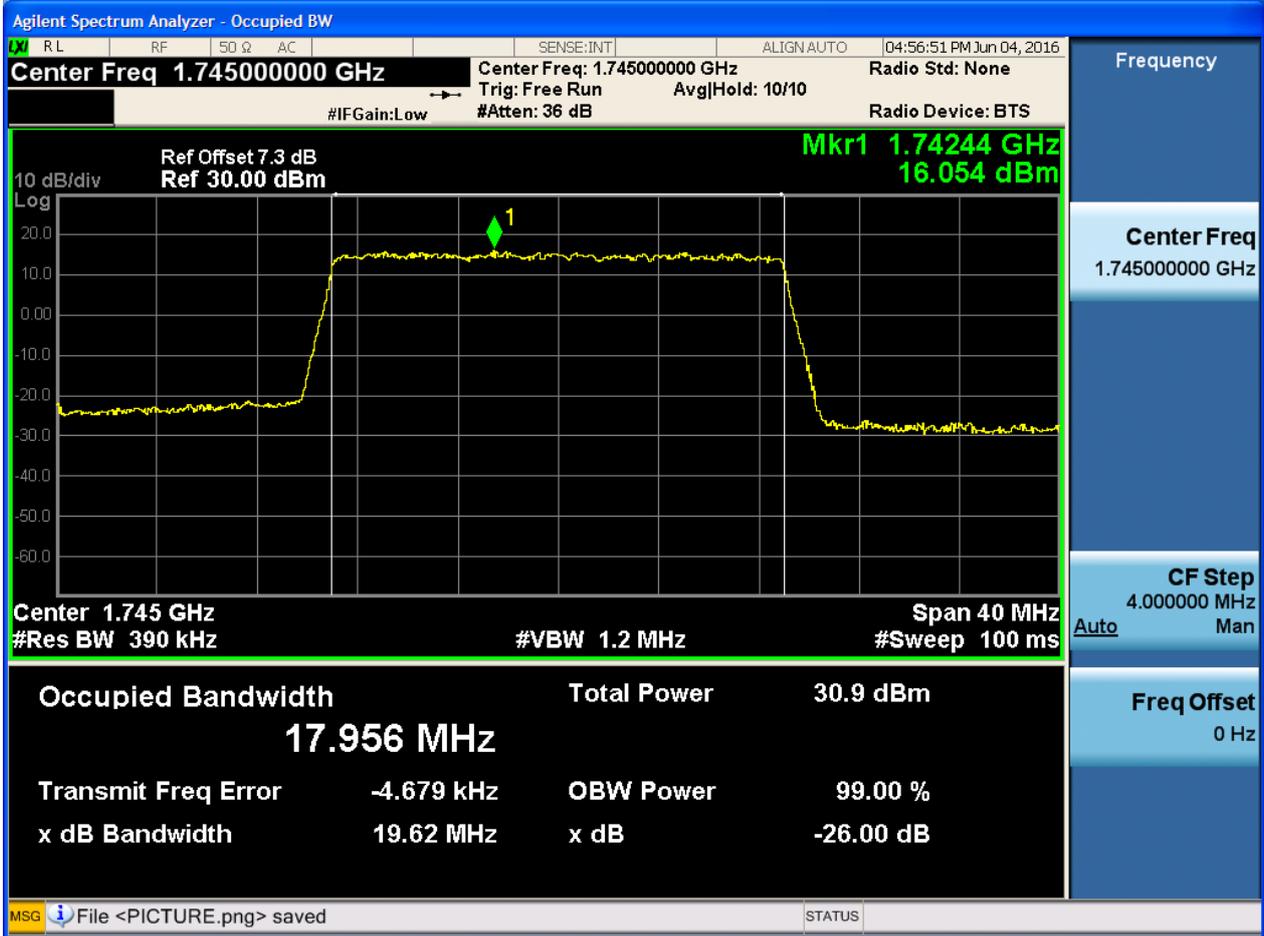
4.1.1.1.6.2 Test Channel = MCH

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

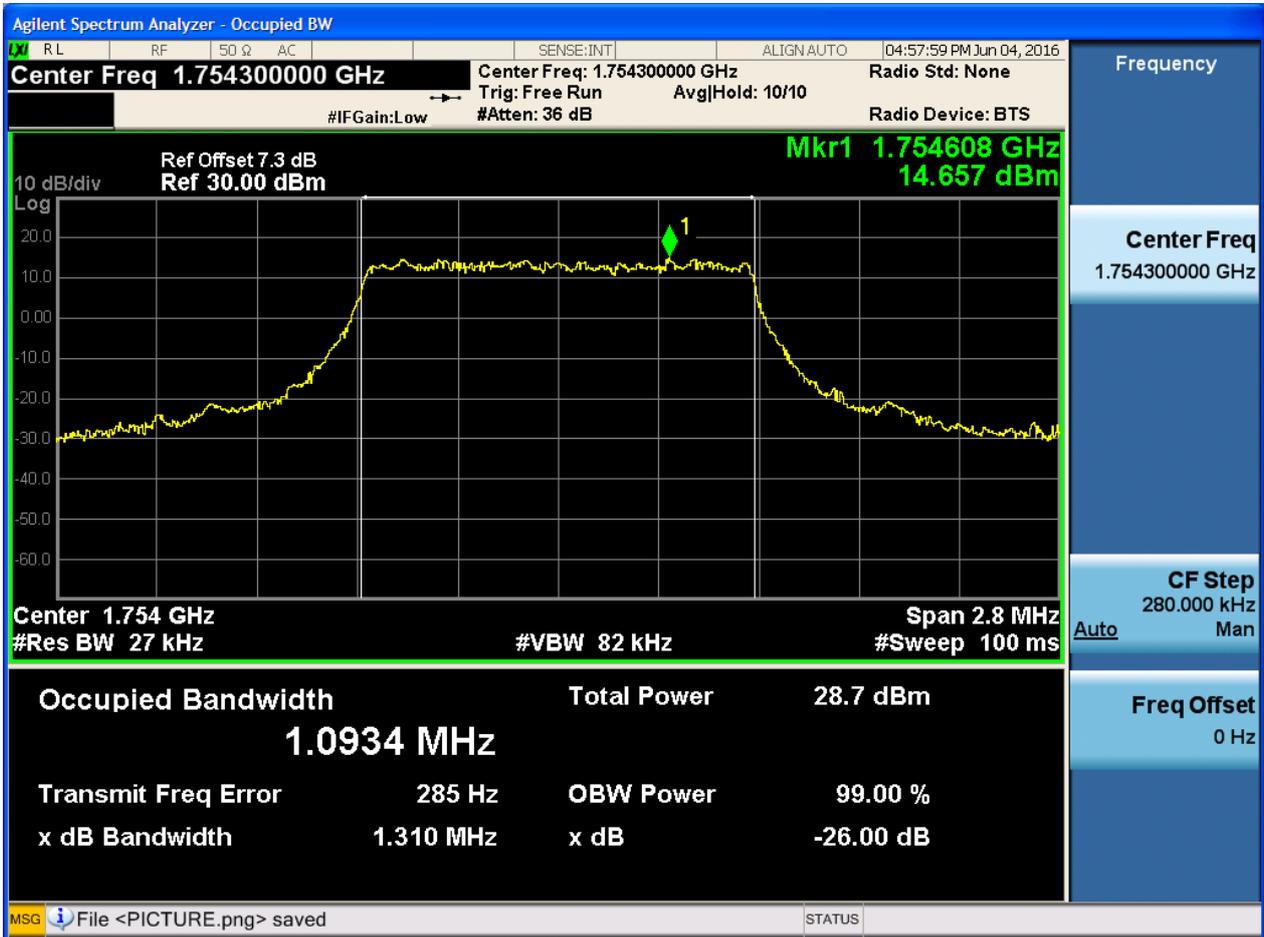
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

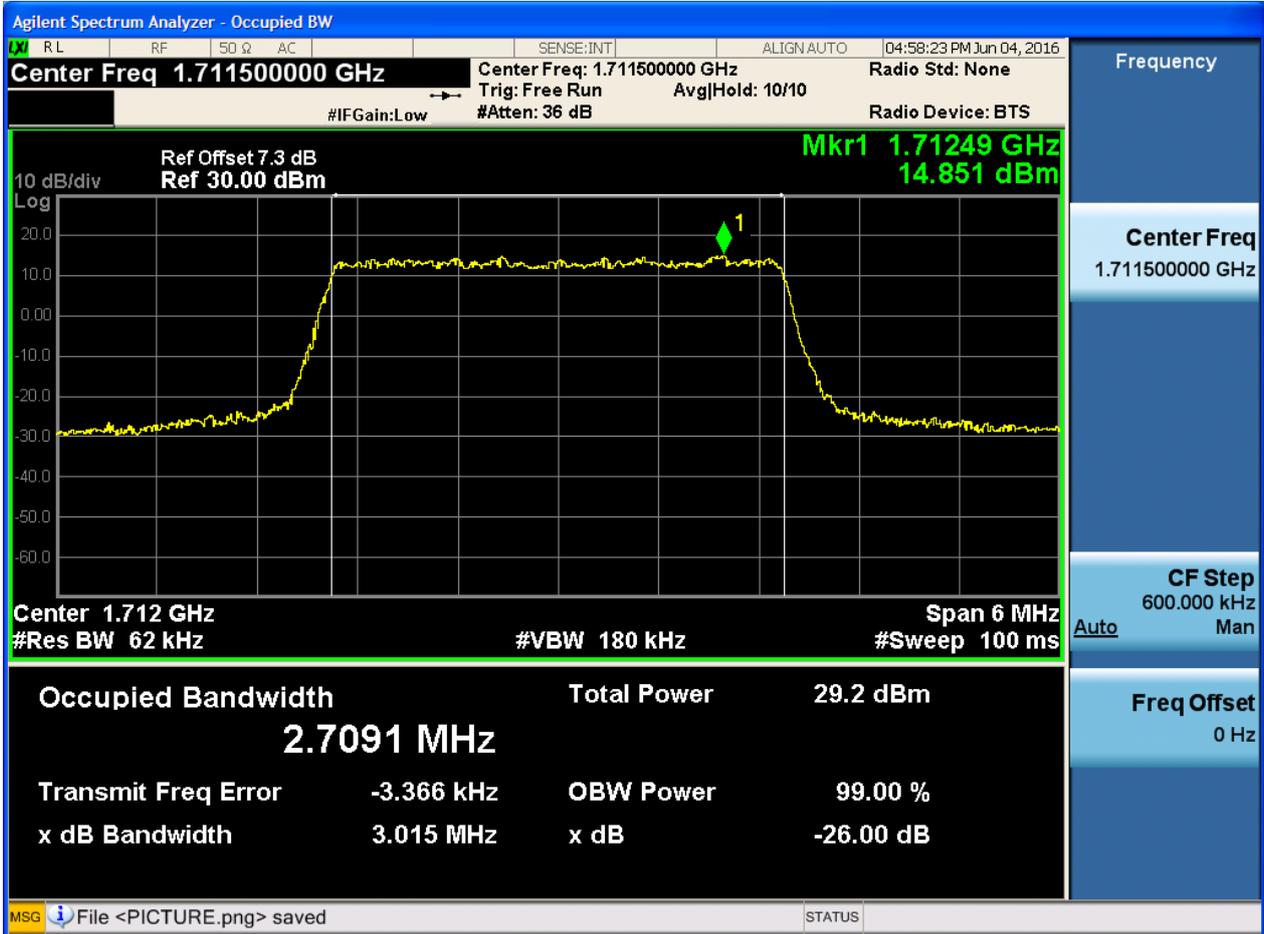




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

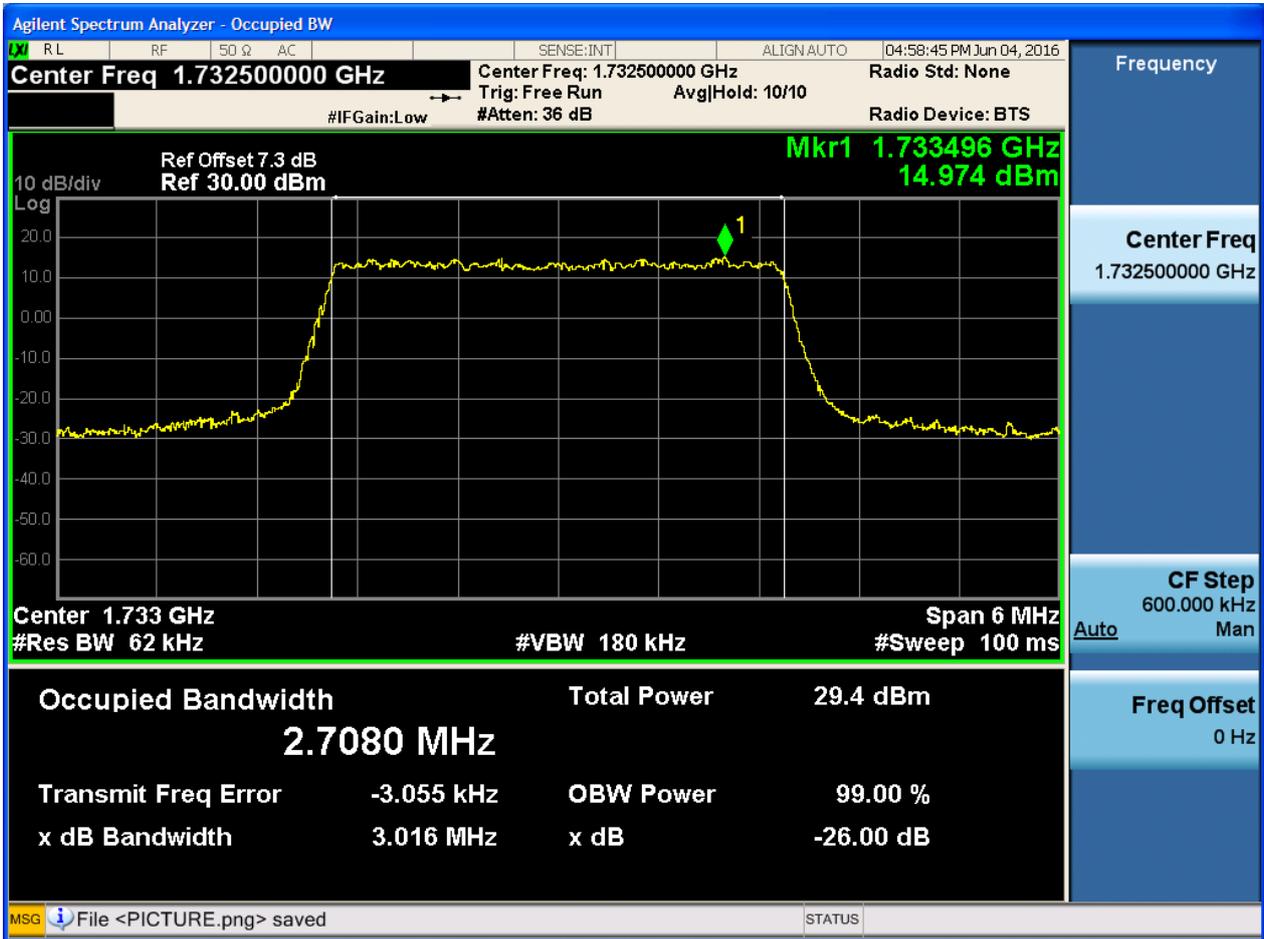
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

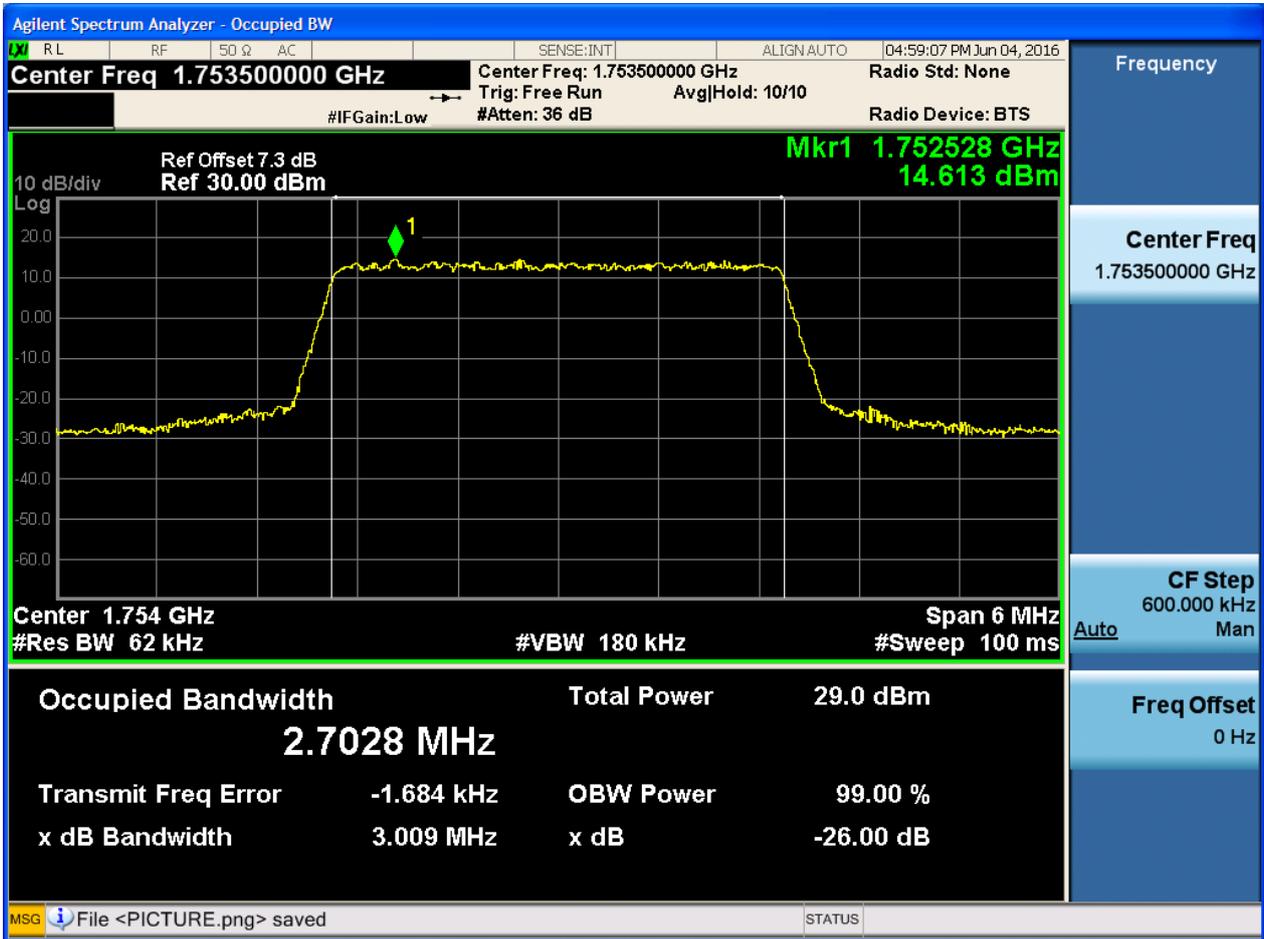
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

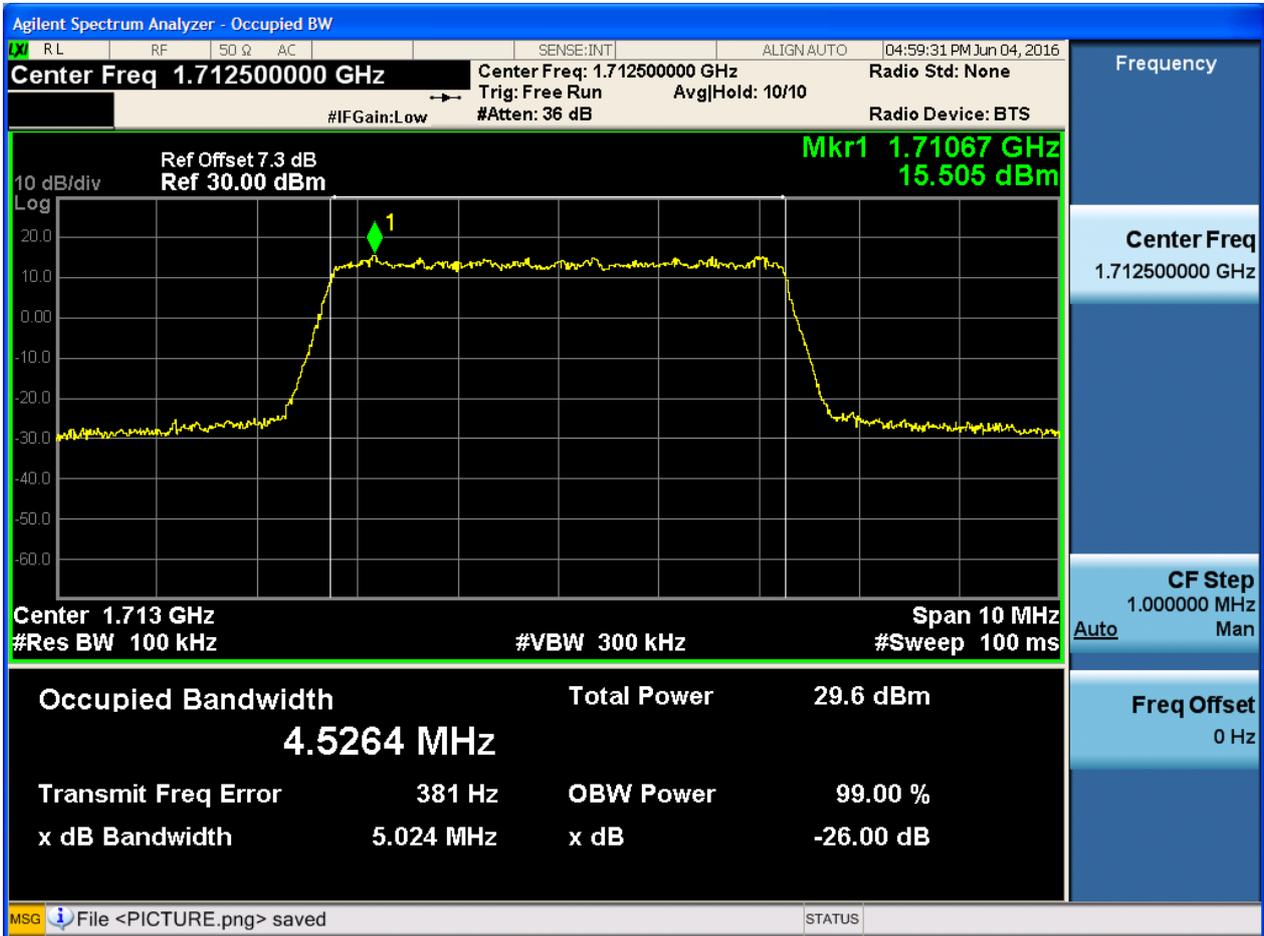




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

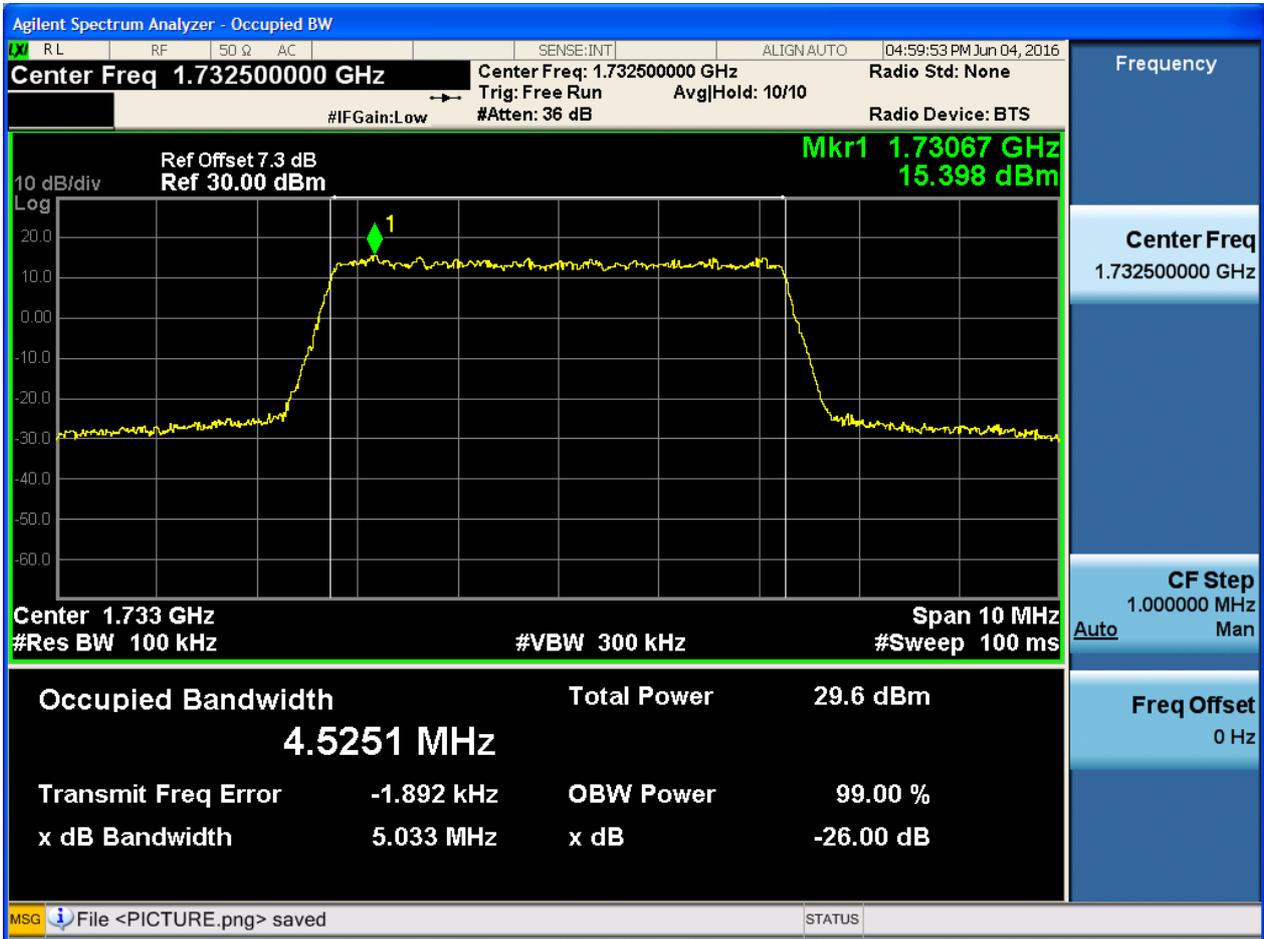
4.1.1.2.3.1.1 Test RB = RB25#0





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

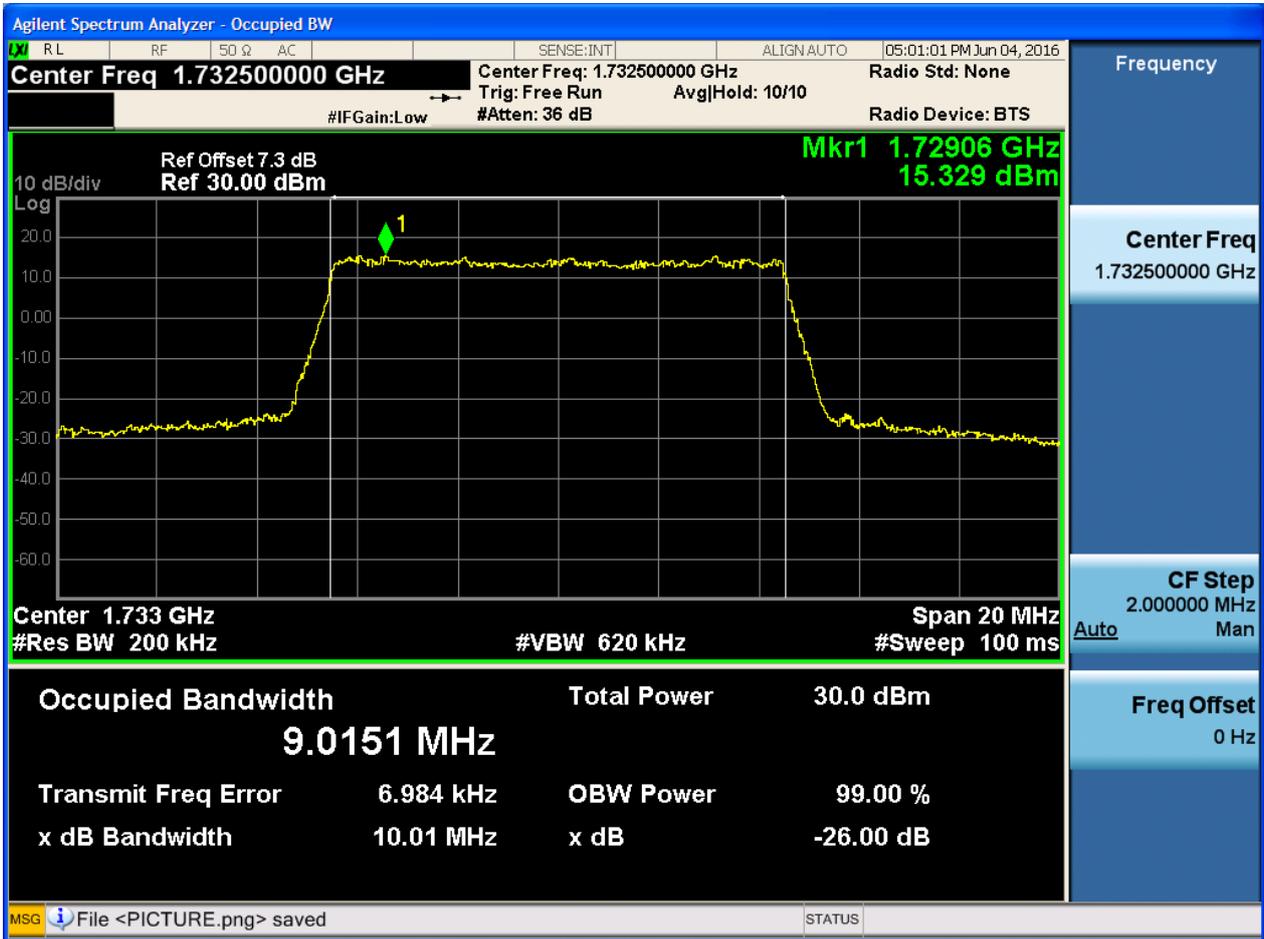
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

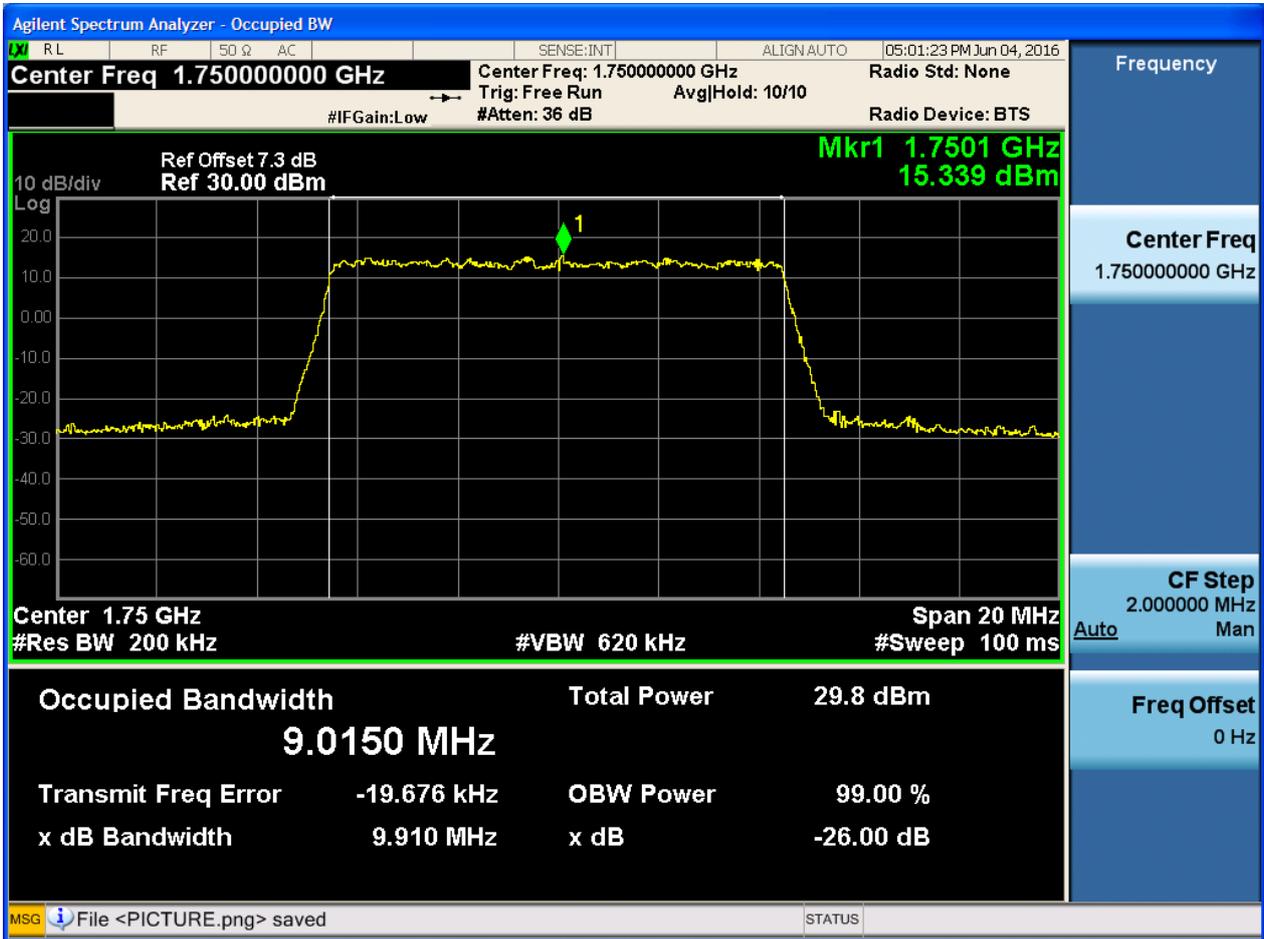
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

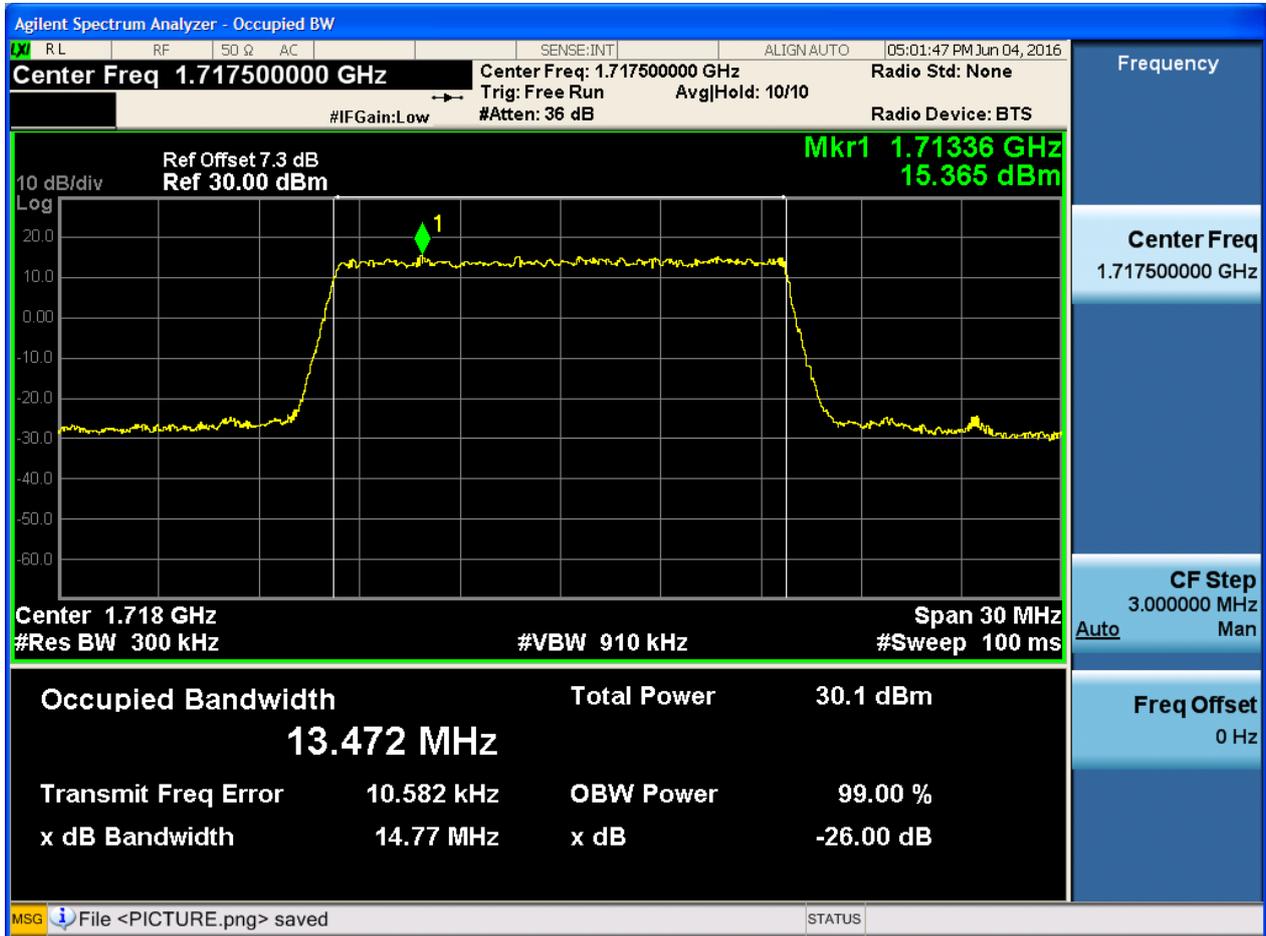




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

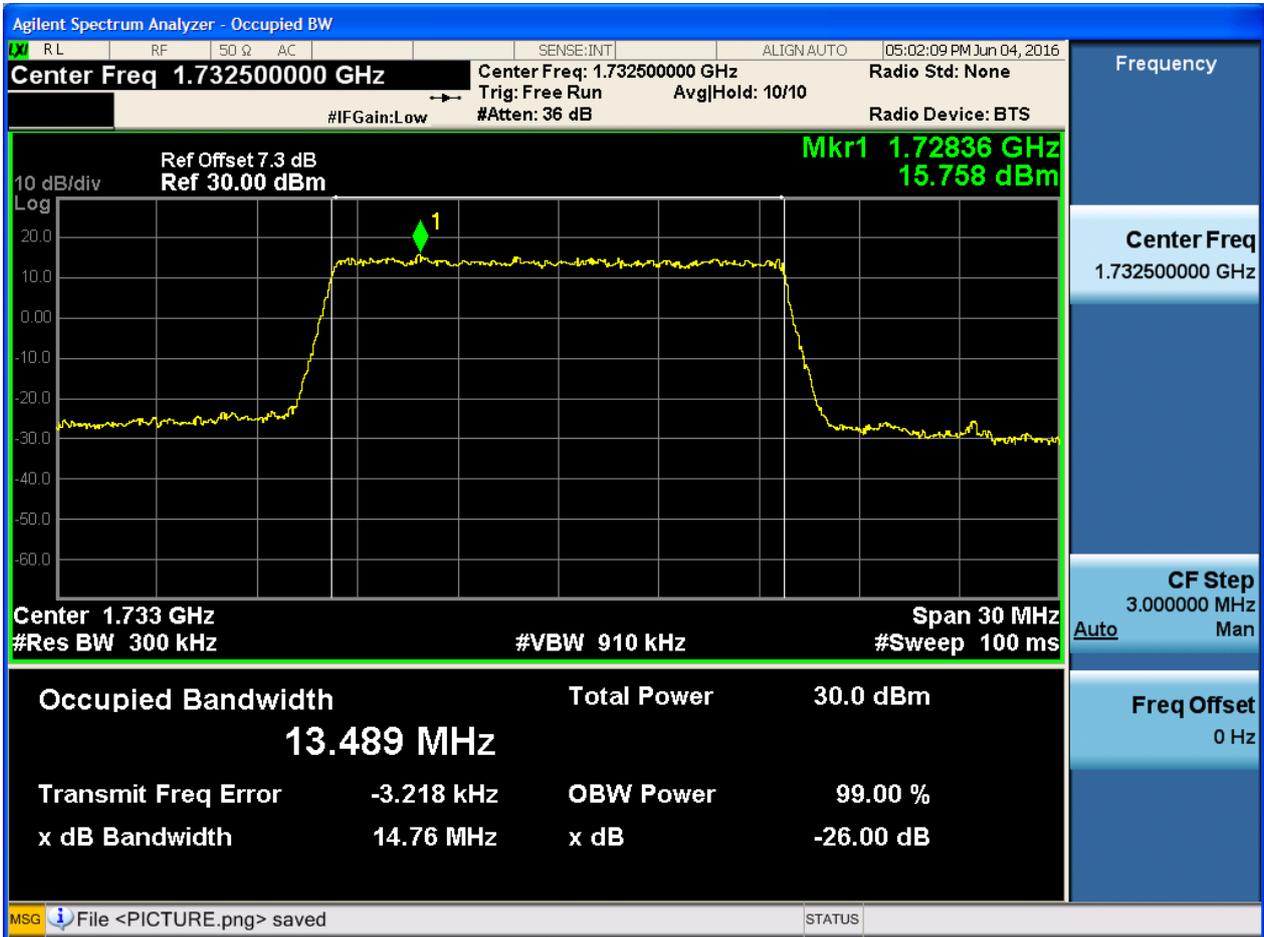
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

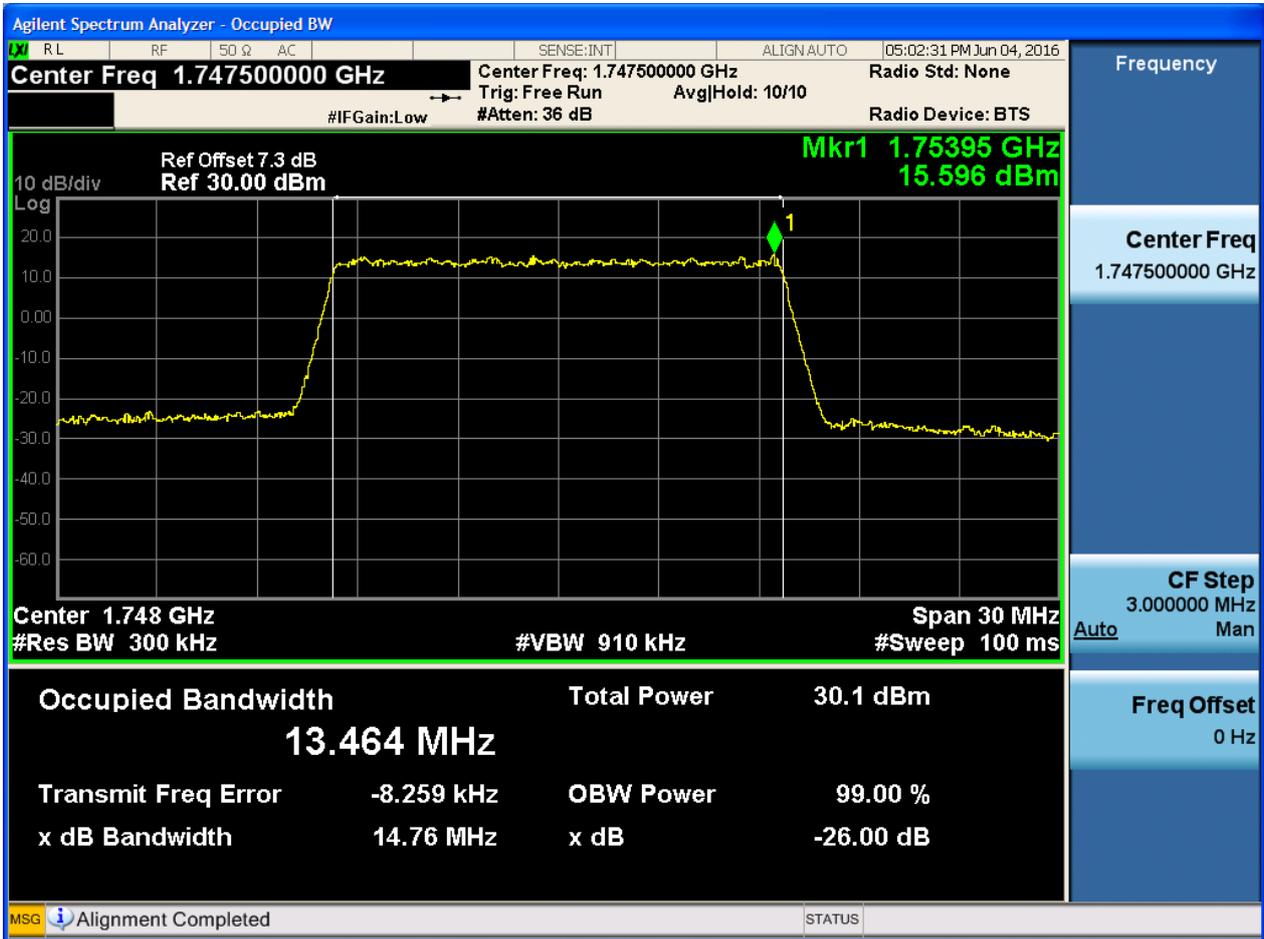
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

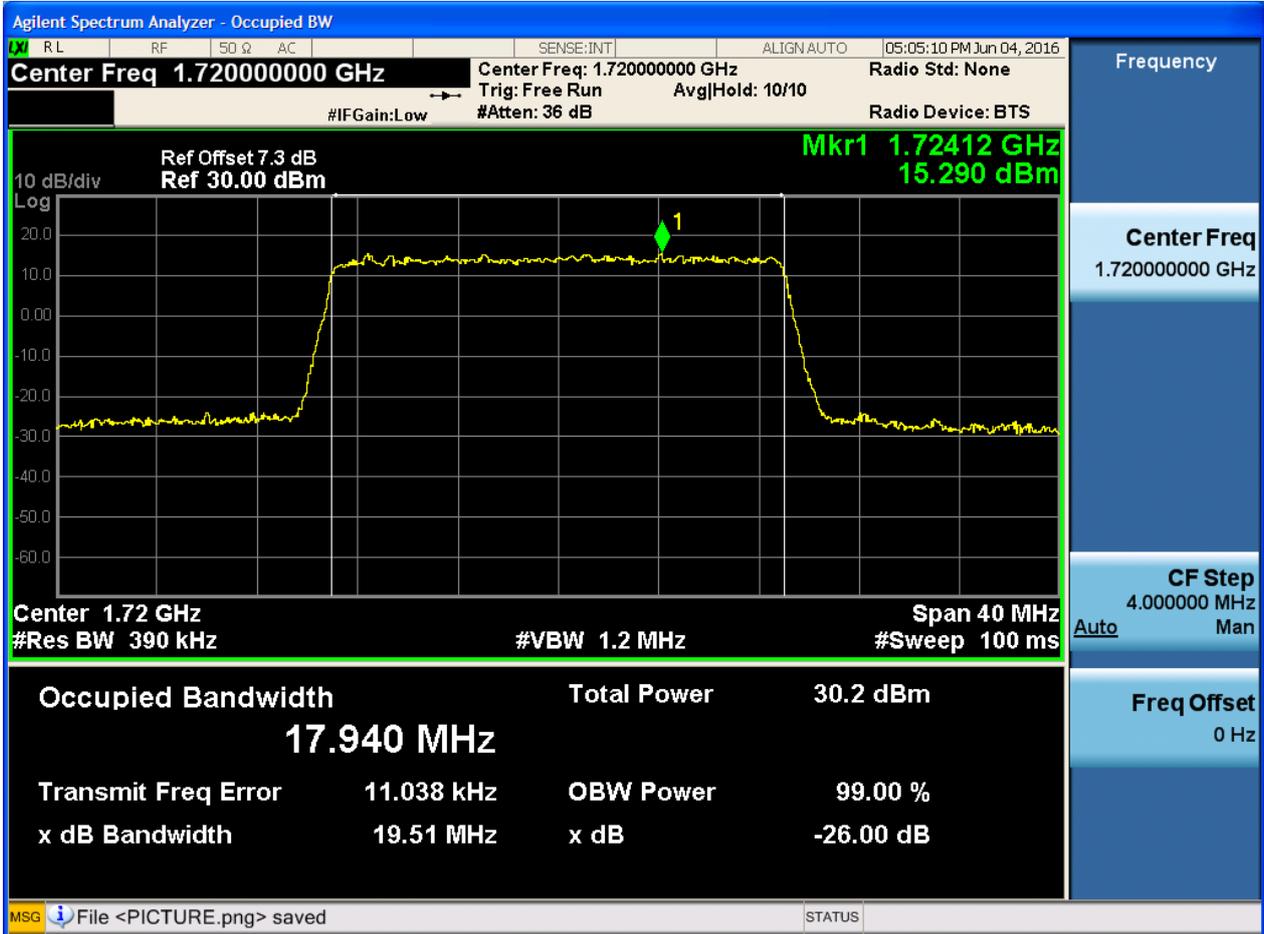




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

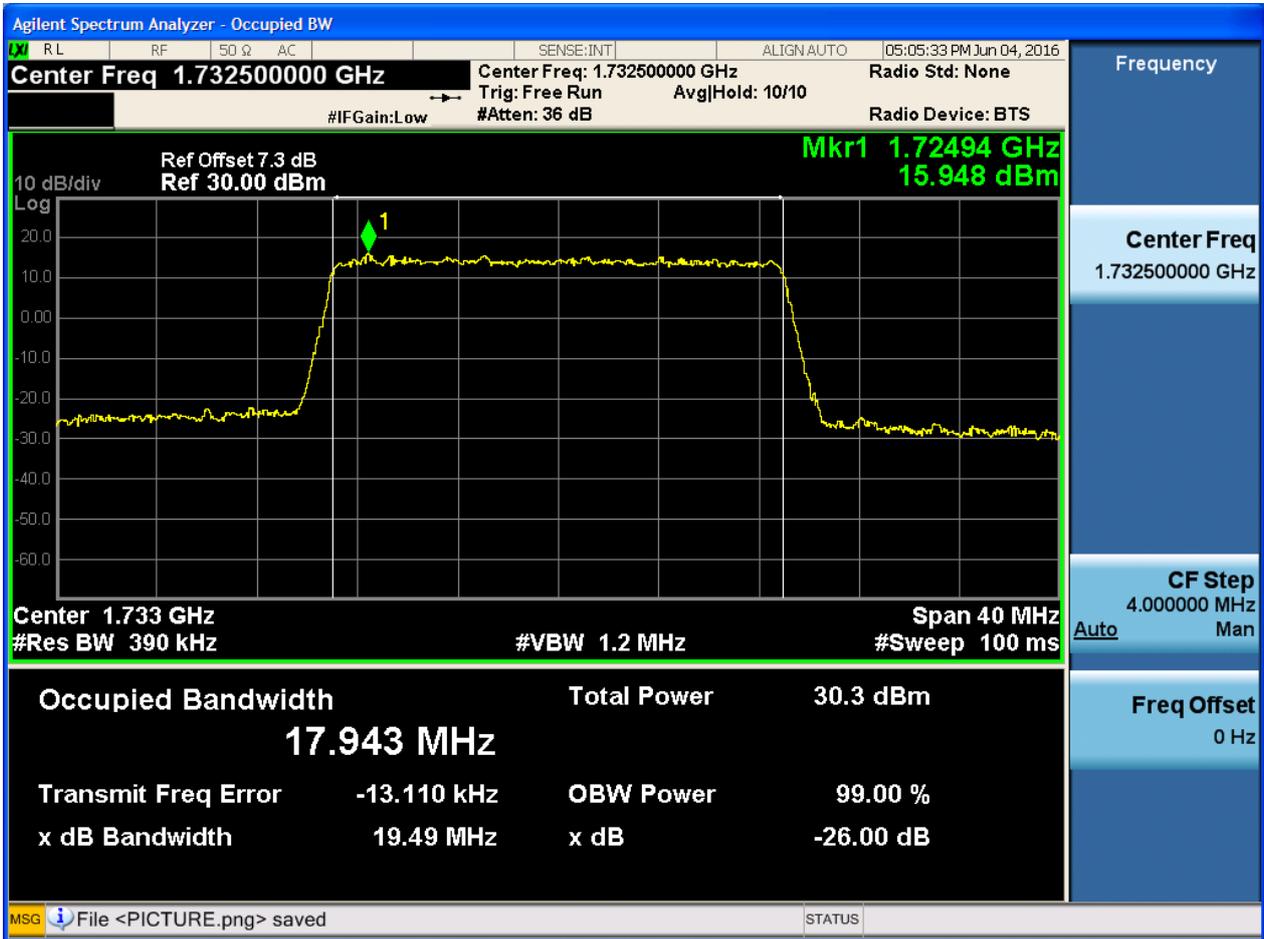
4.1.1.2.6.1.1 Test RB = RB100#0





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

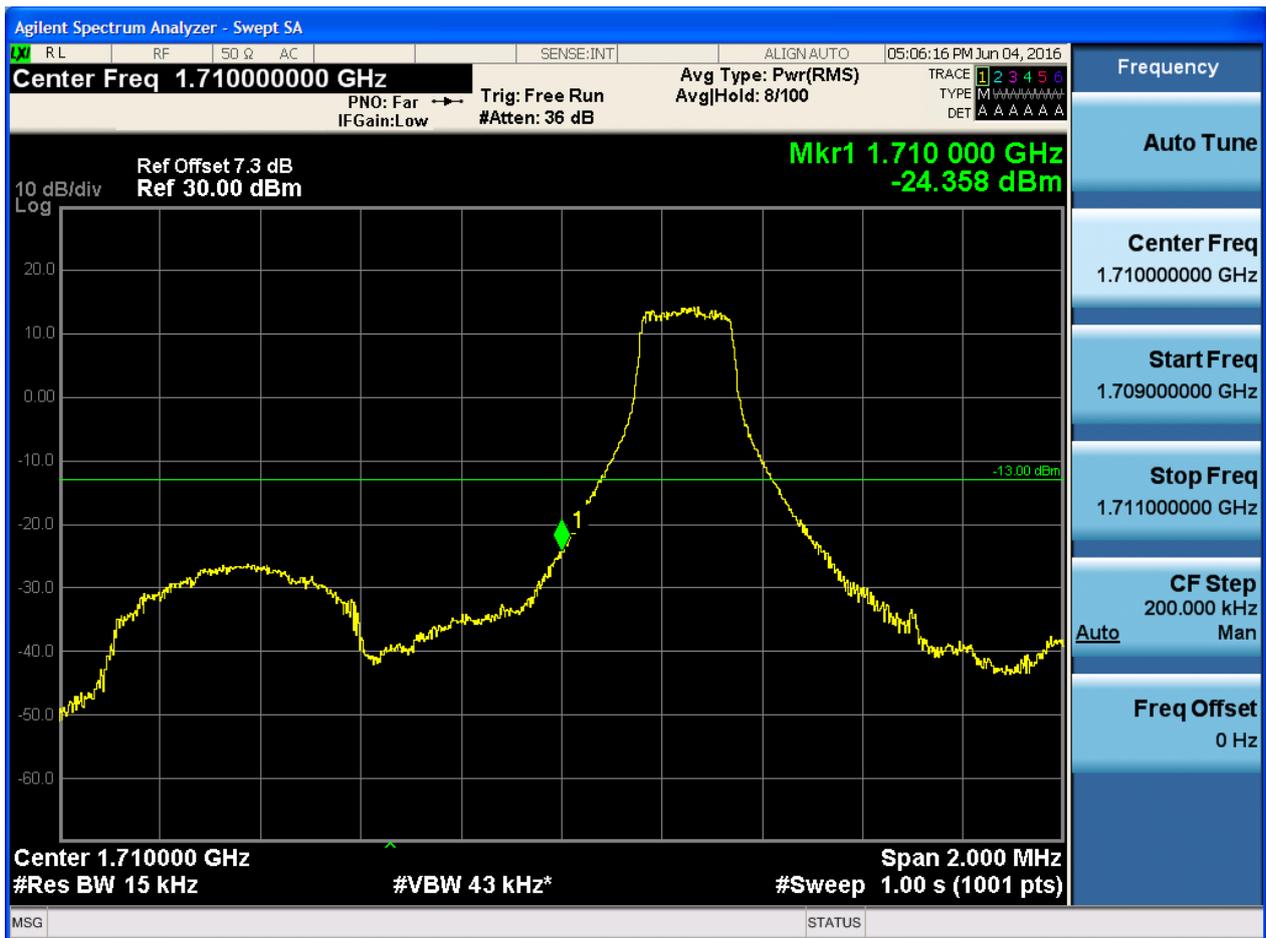
5.1.1 Test Band = BAND4

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





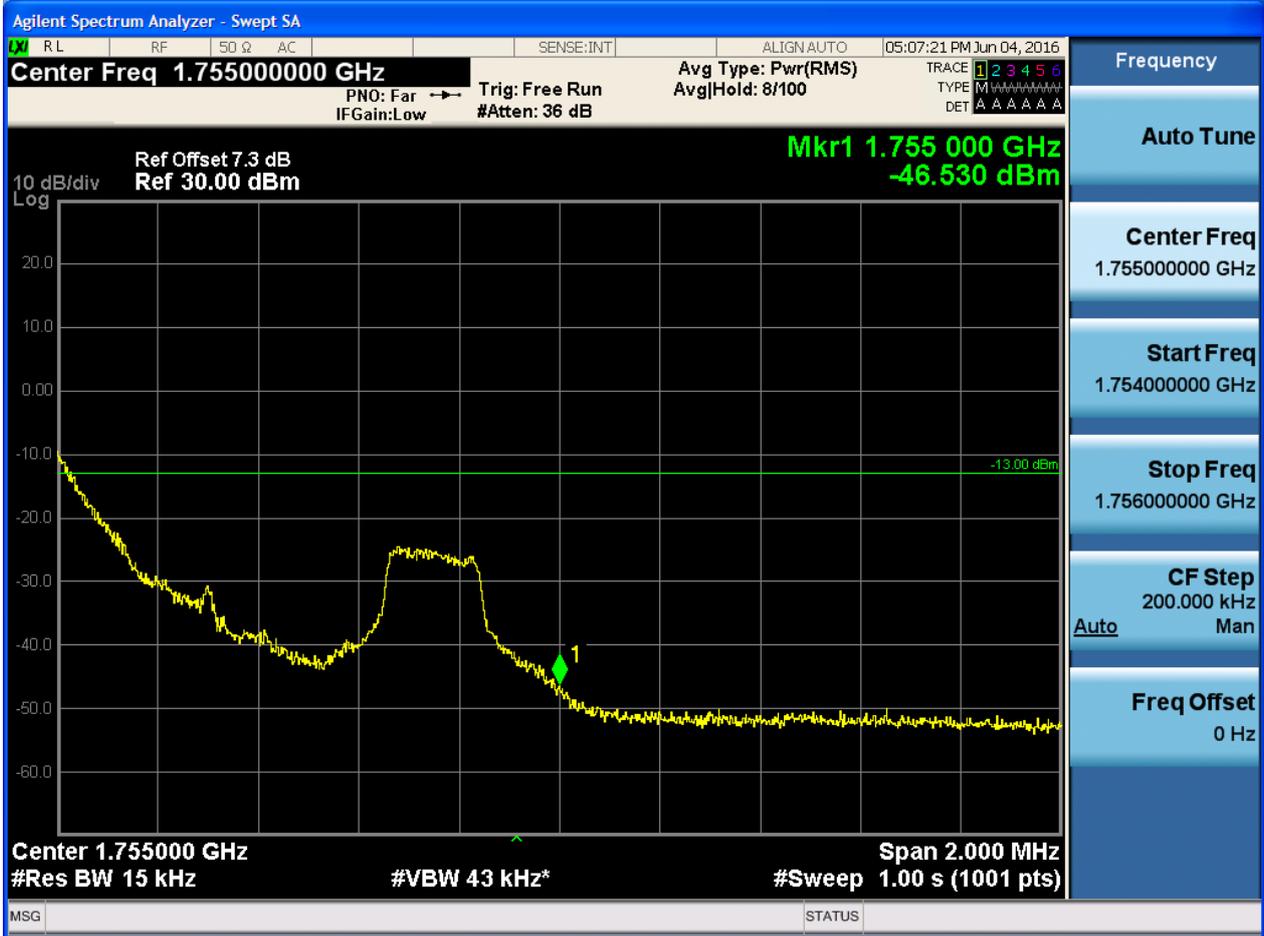
5.1.1.1.1.4 Test RB = RB6#0





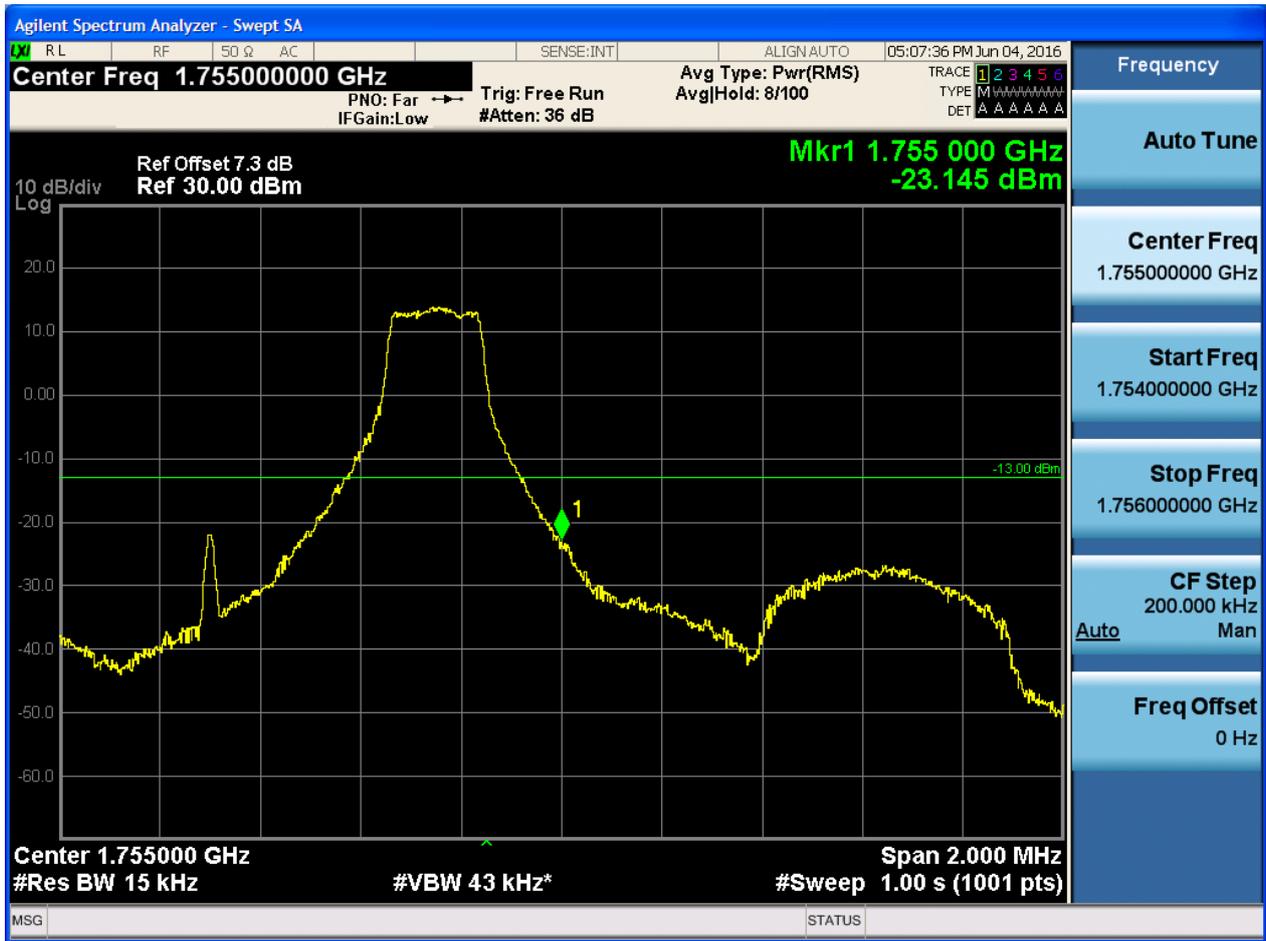
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

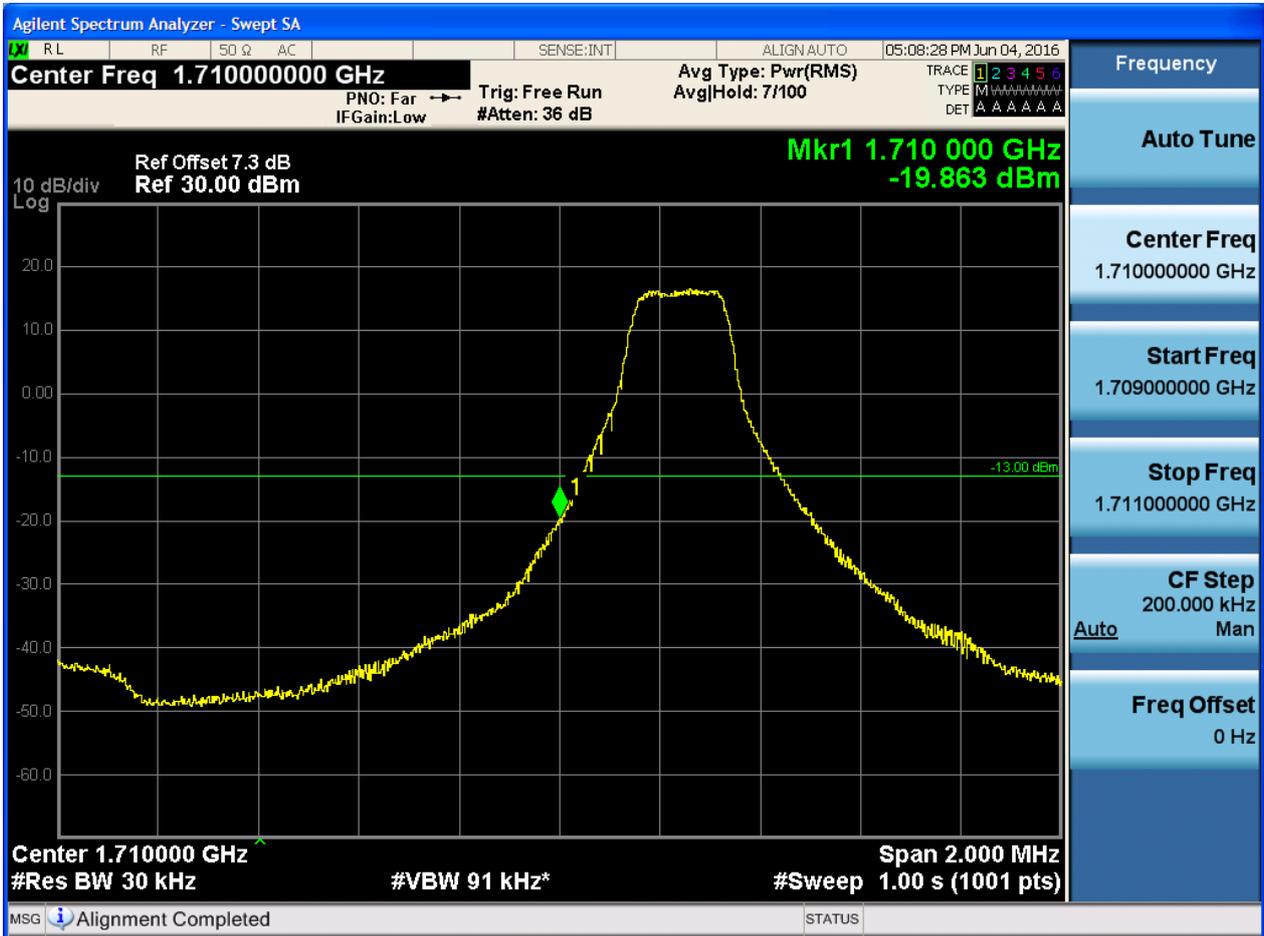




5.1.1.1.2 Test Bandwidth = 3

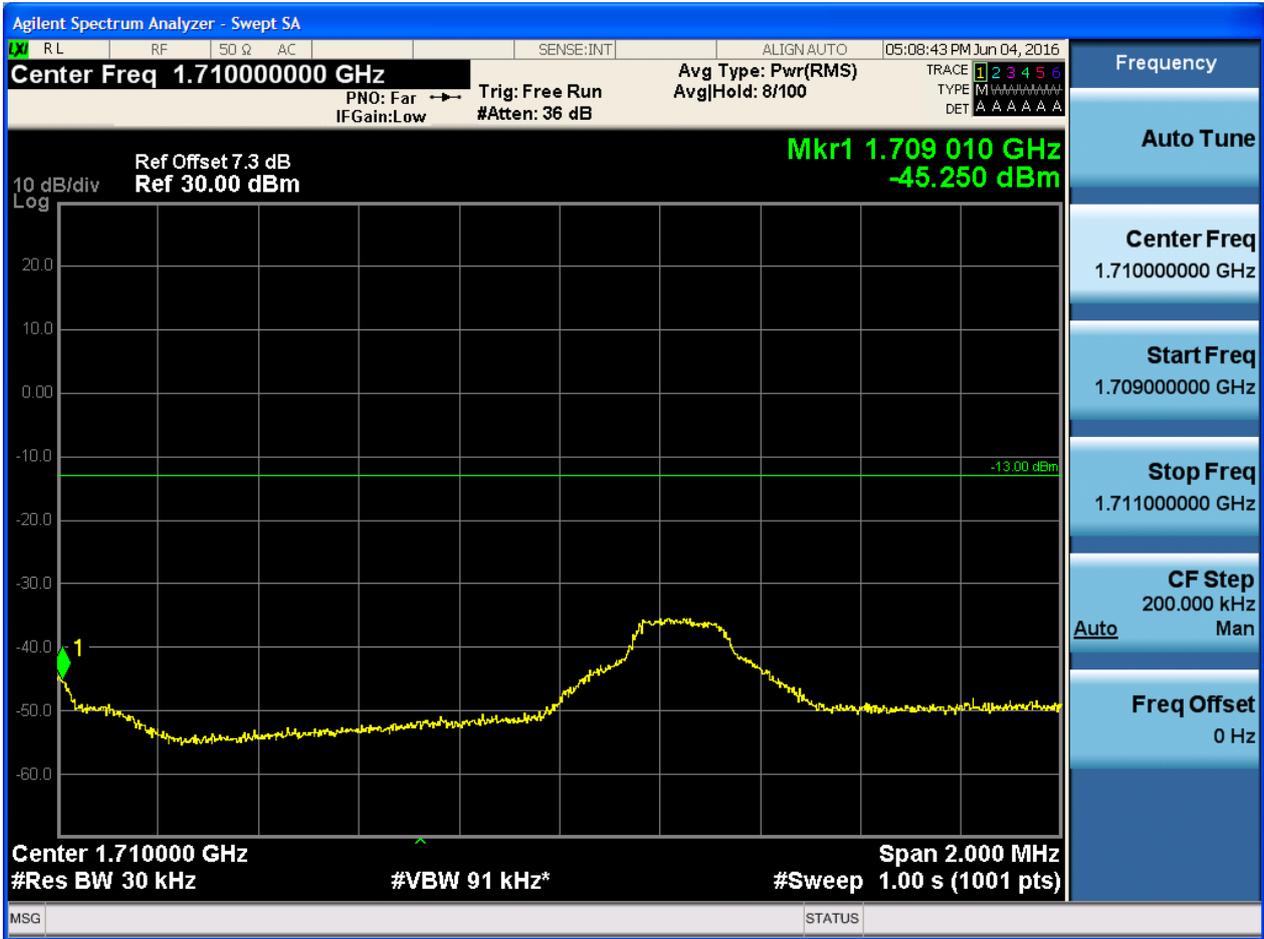
5.1.1.1.2.1 Test Channel = LCH

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





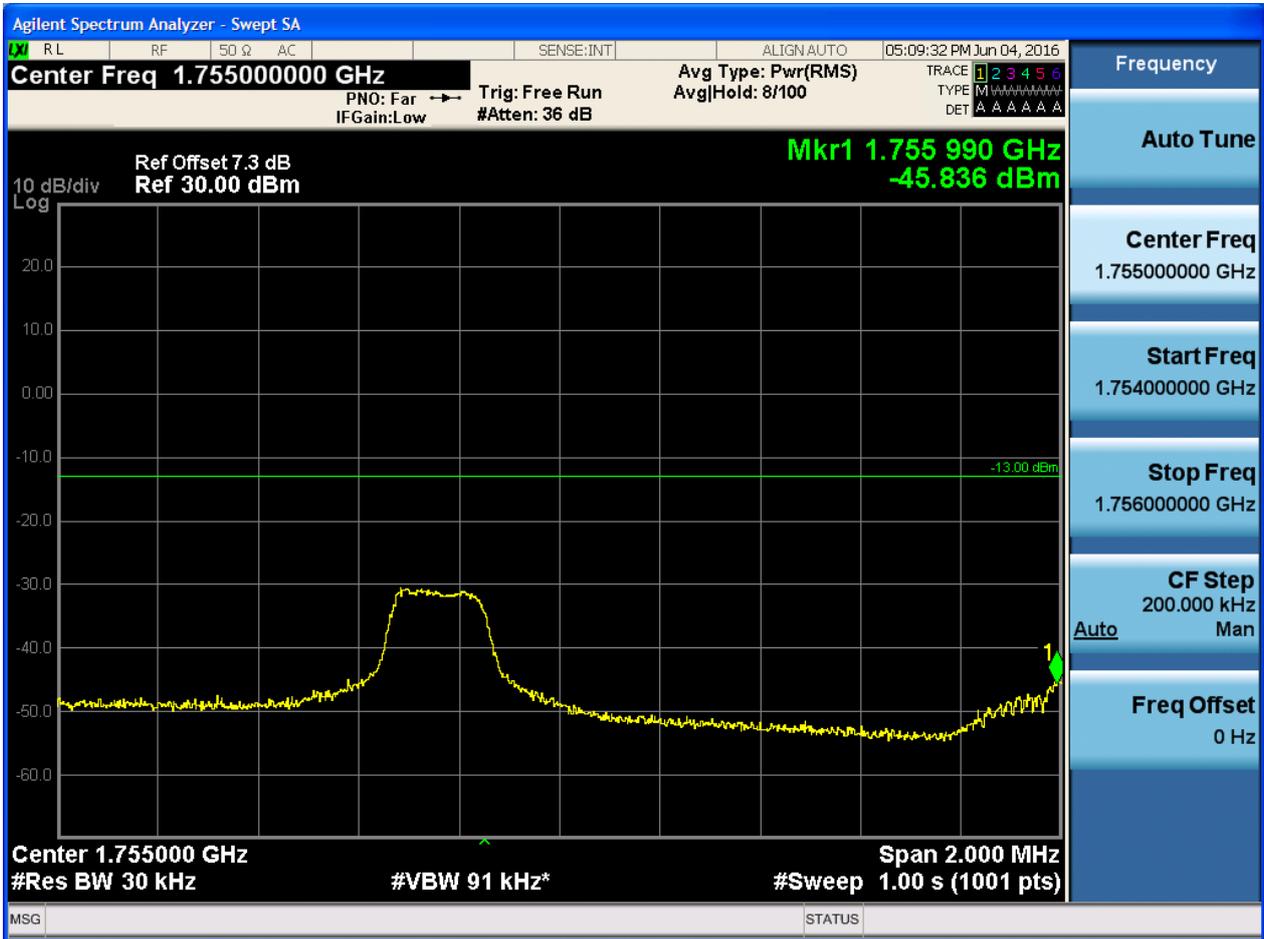
5.1.1.1.2.1.4 Test RB = RB15#0





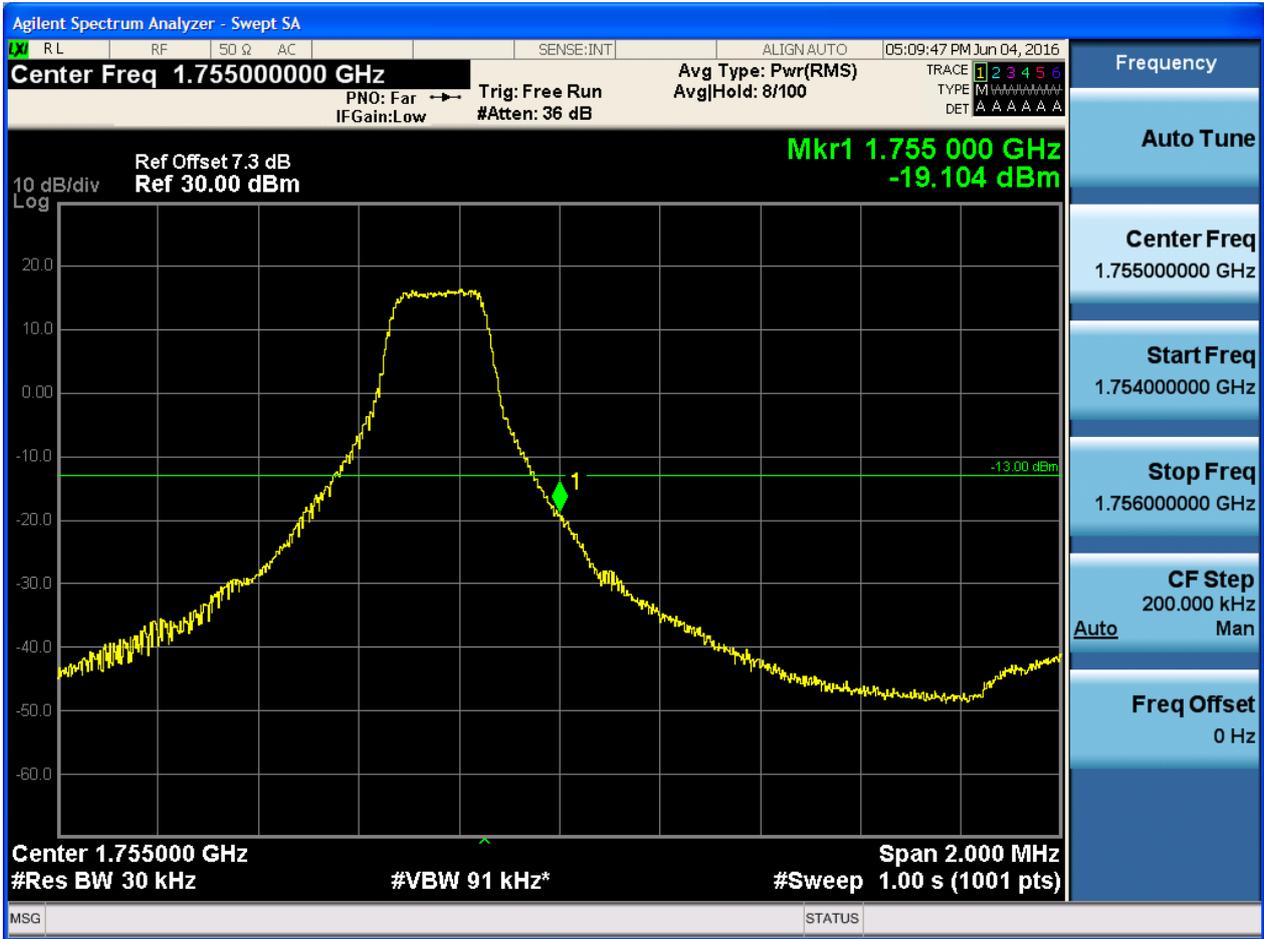
5.1.1.1.2.2 Test Channel = HCH

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

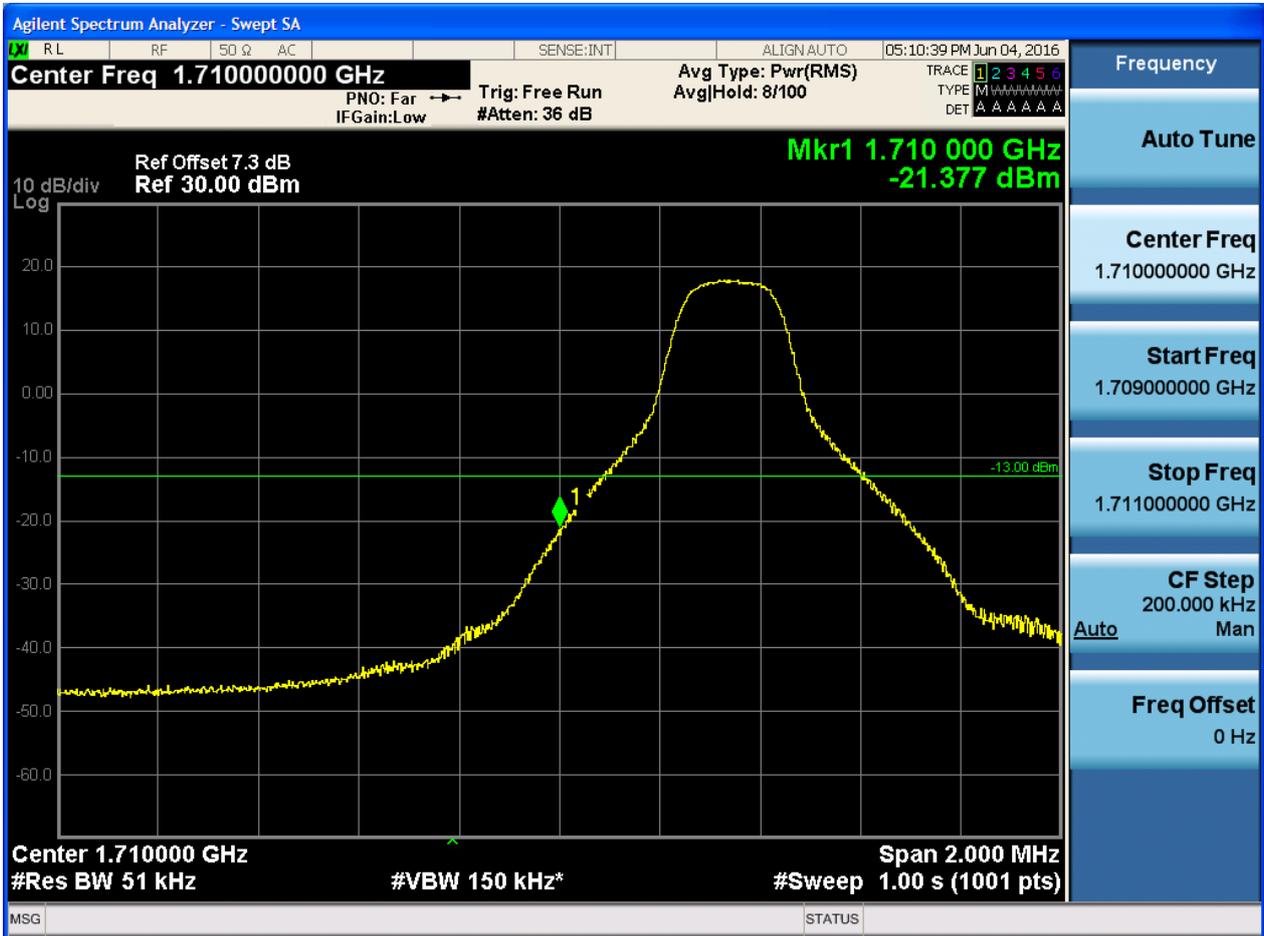




5.1.1.1.3 Test Bandwidth = 5

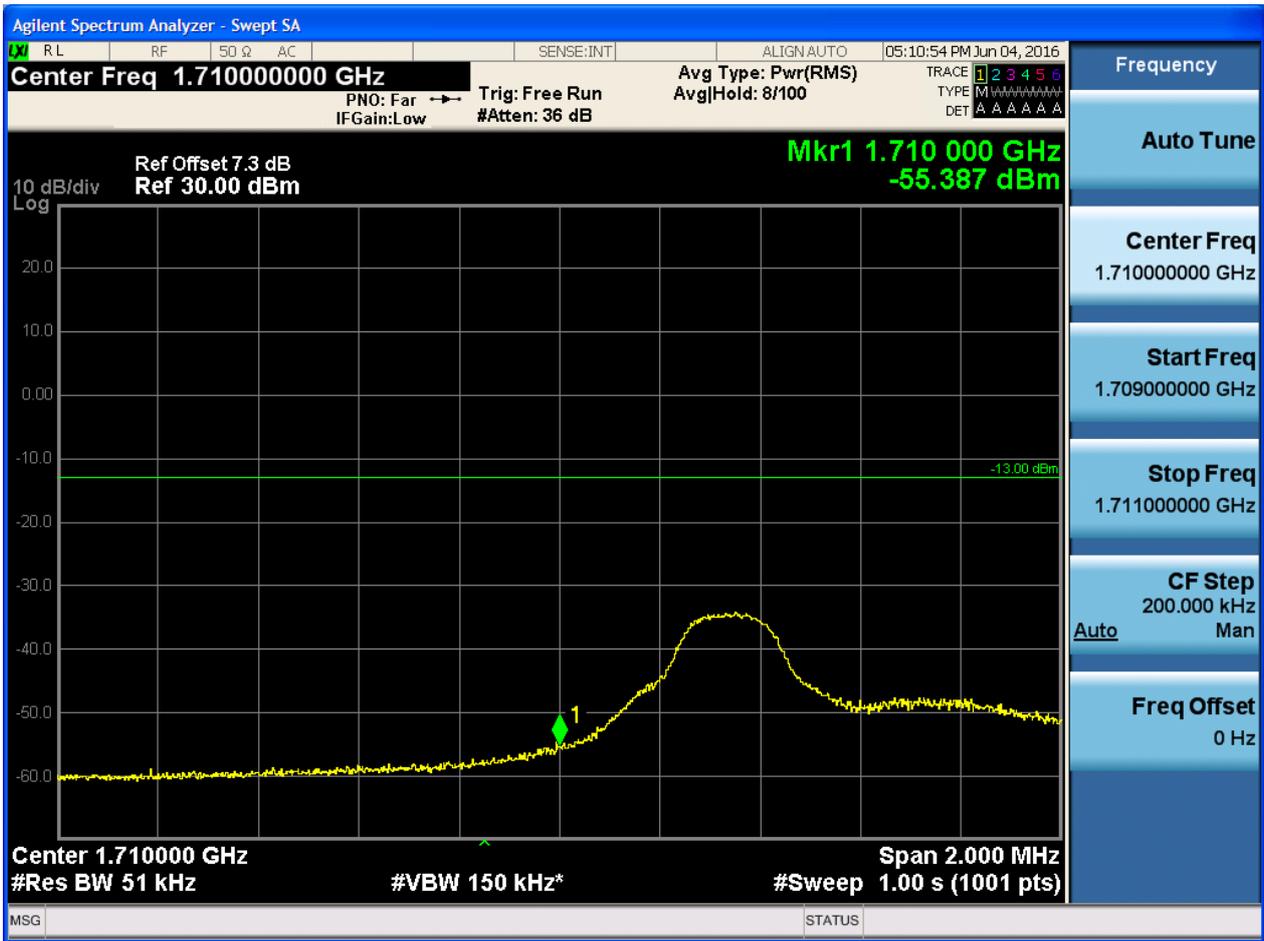
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



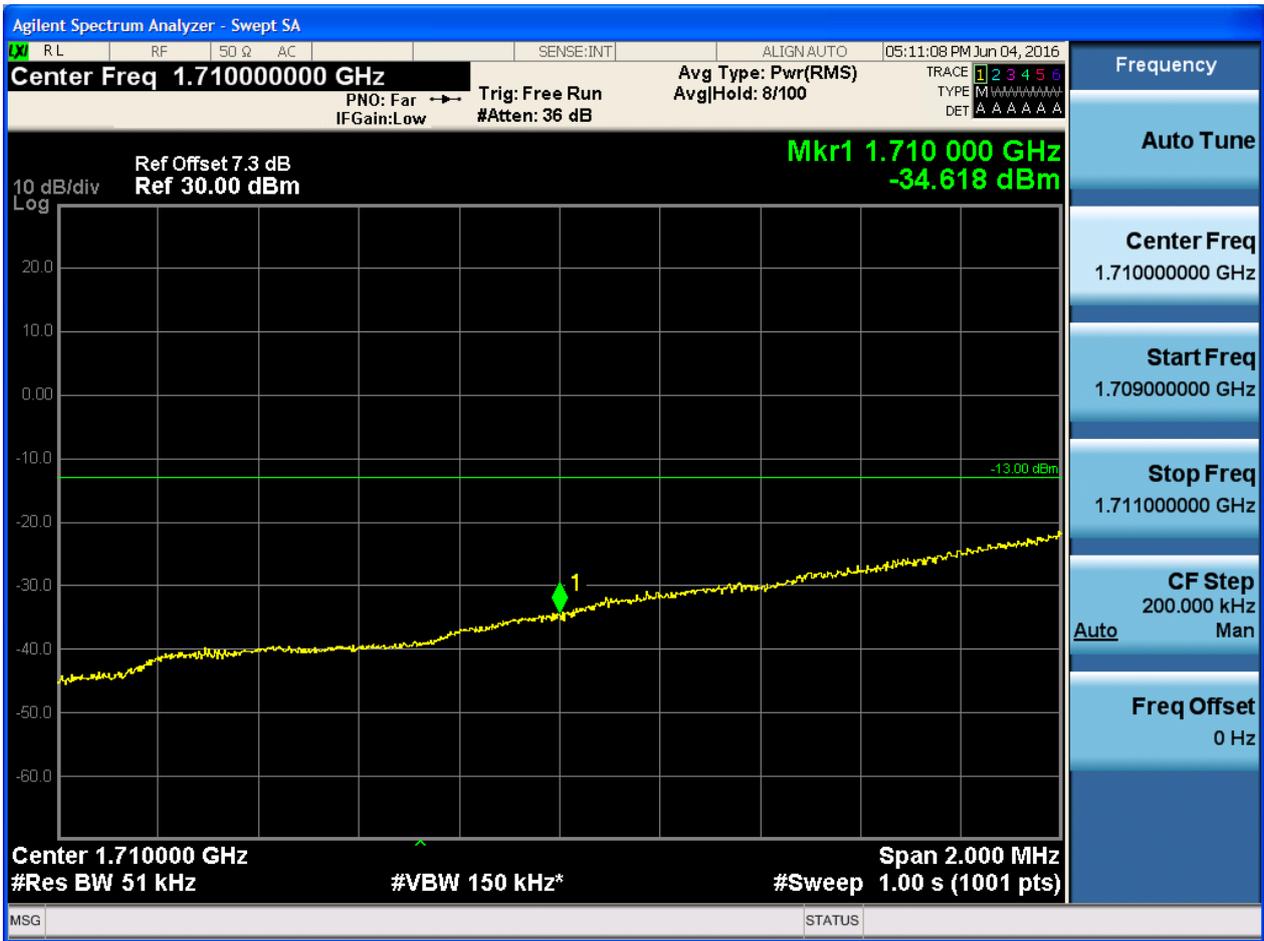


5.1.1.1.3.1.2 Test RB = RB1#24



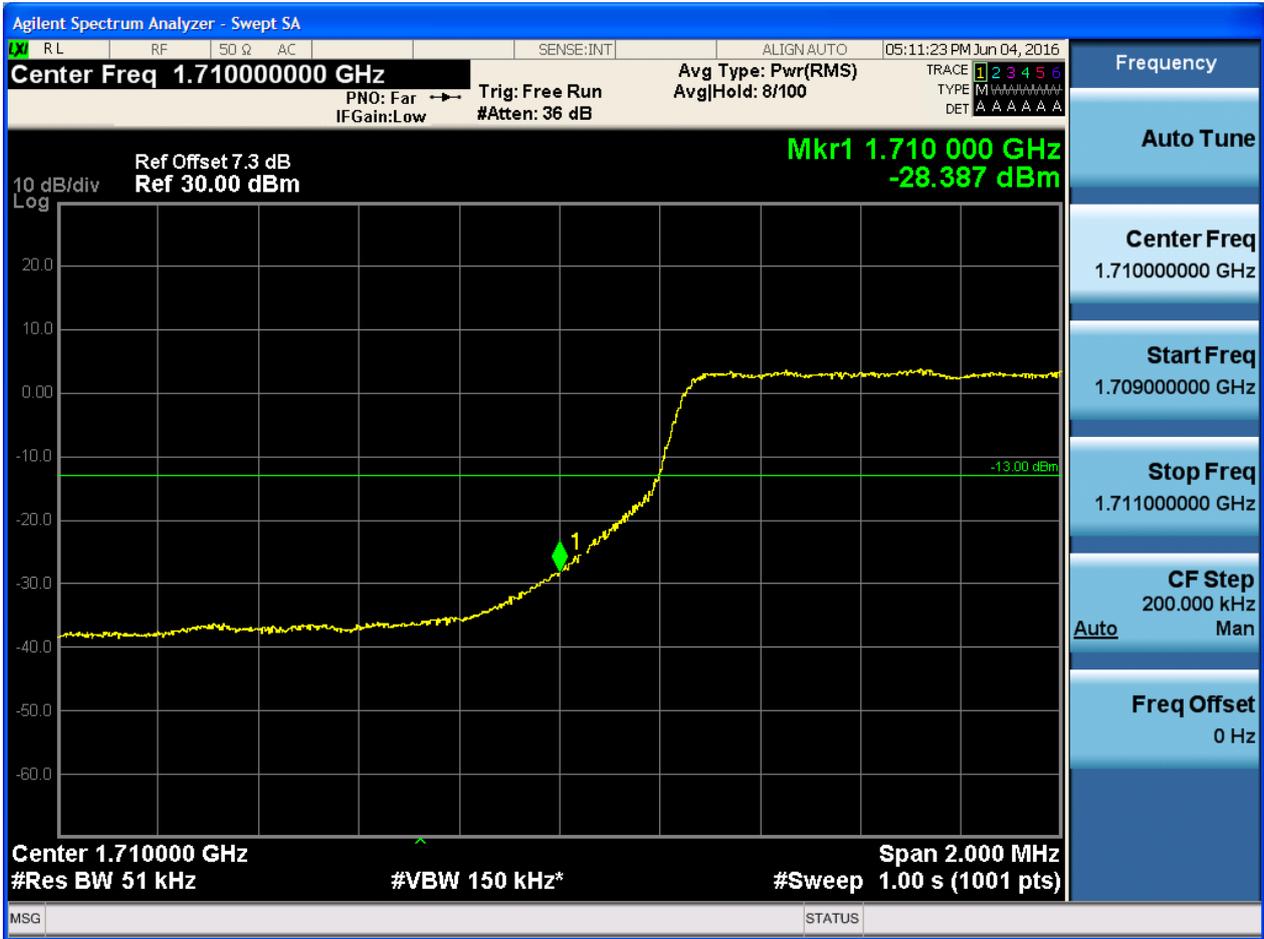


5.1.1.1.3.1.3 Test RB = RB12#6





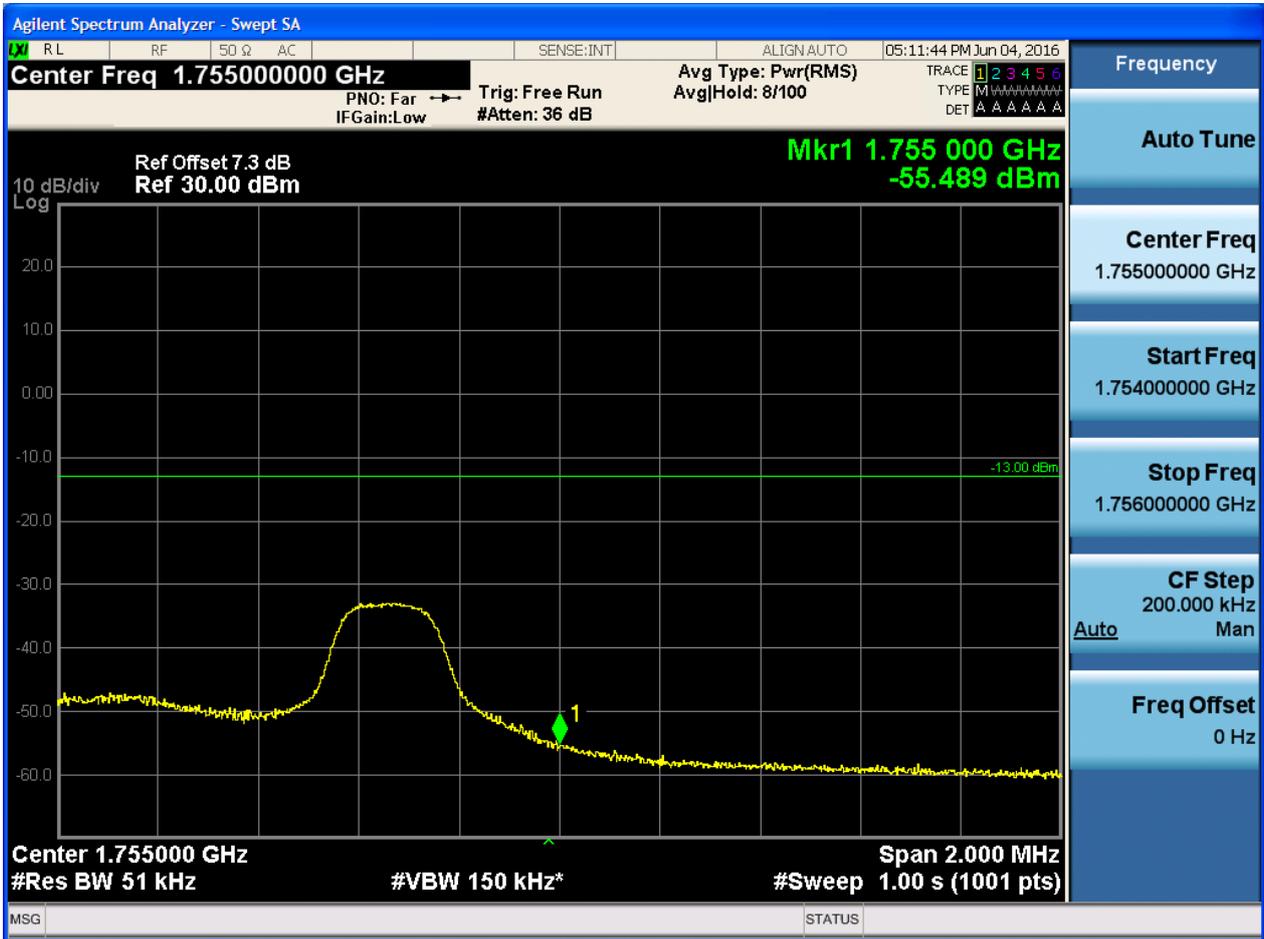
5.1.1.1.3.1.4 Test RB = RB25#0





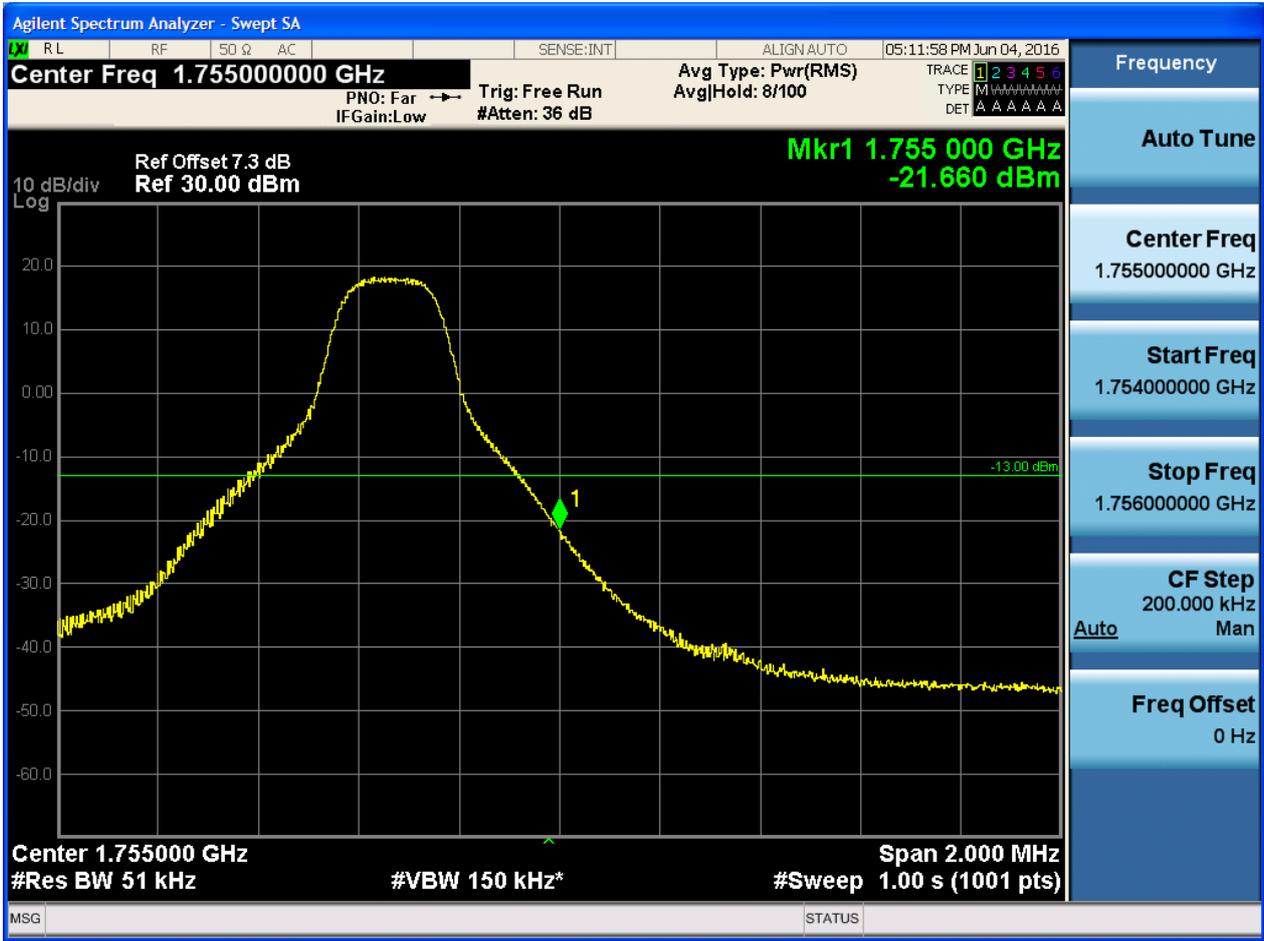
5.1.1.1.3.2 Test Channel = HCH

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

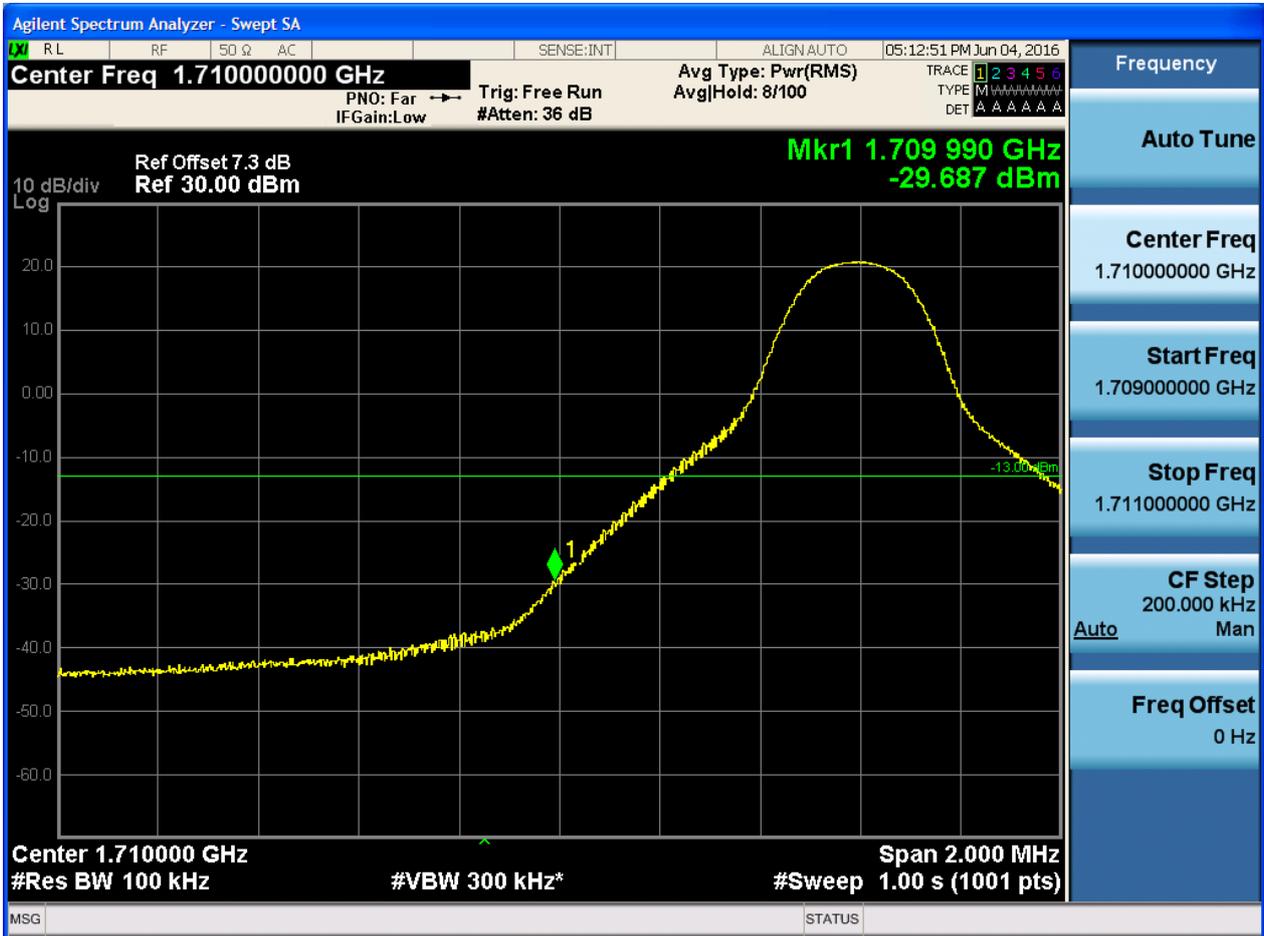




5.1.1.1.4 Test Bandwidth = 10

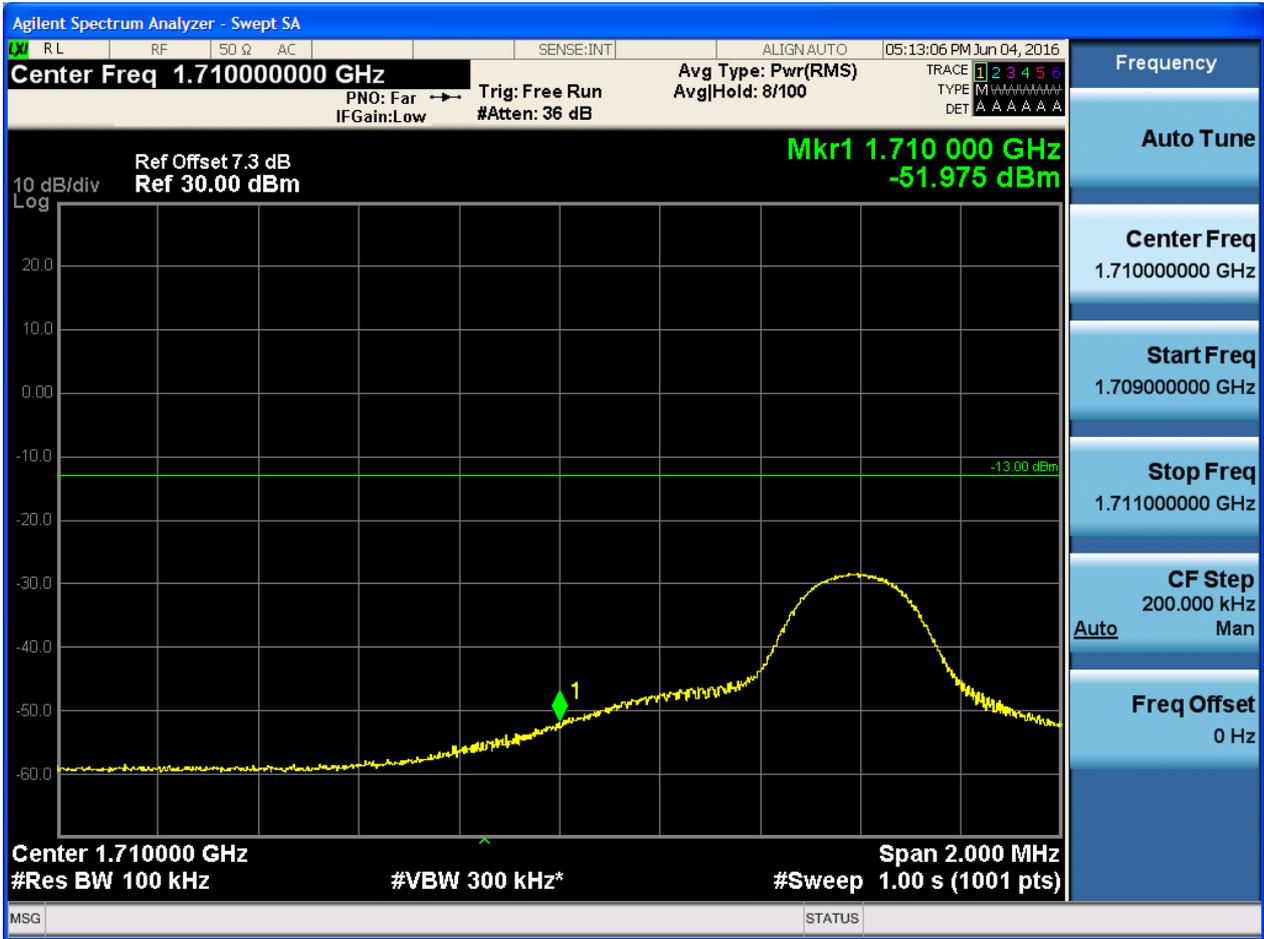
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



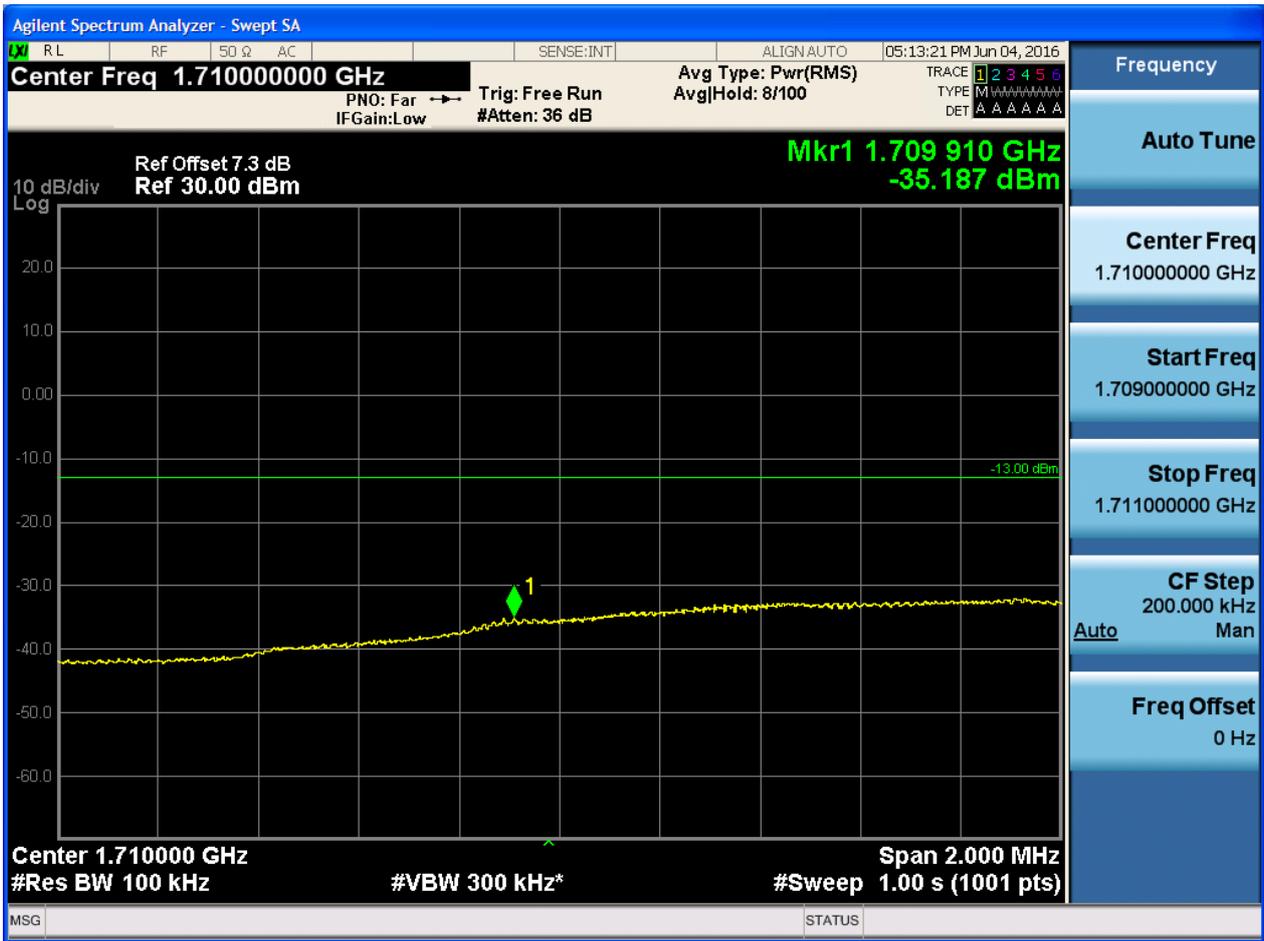


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





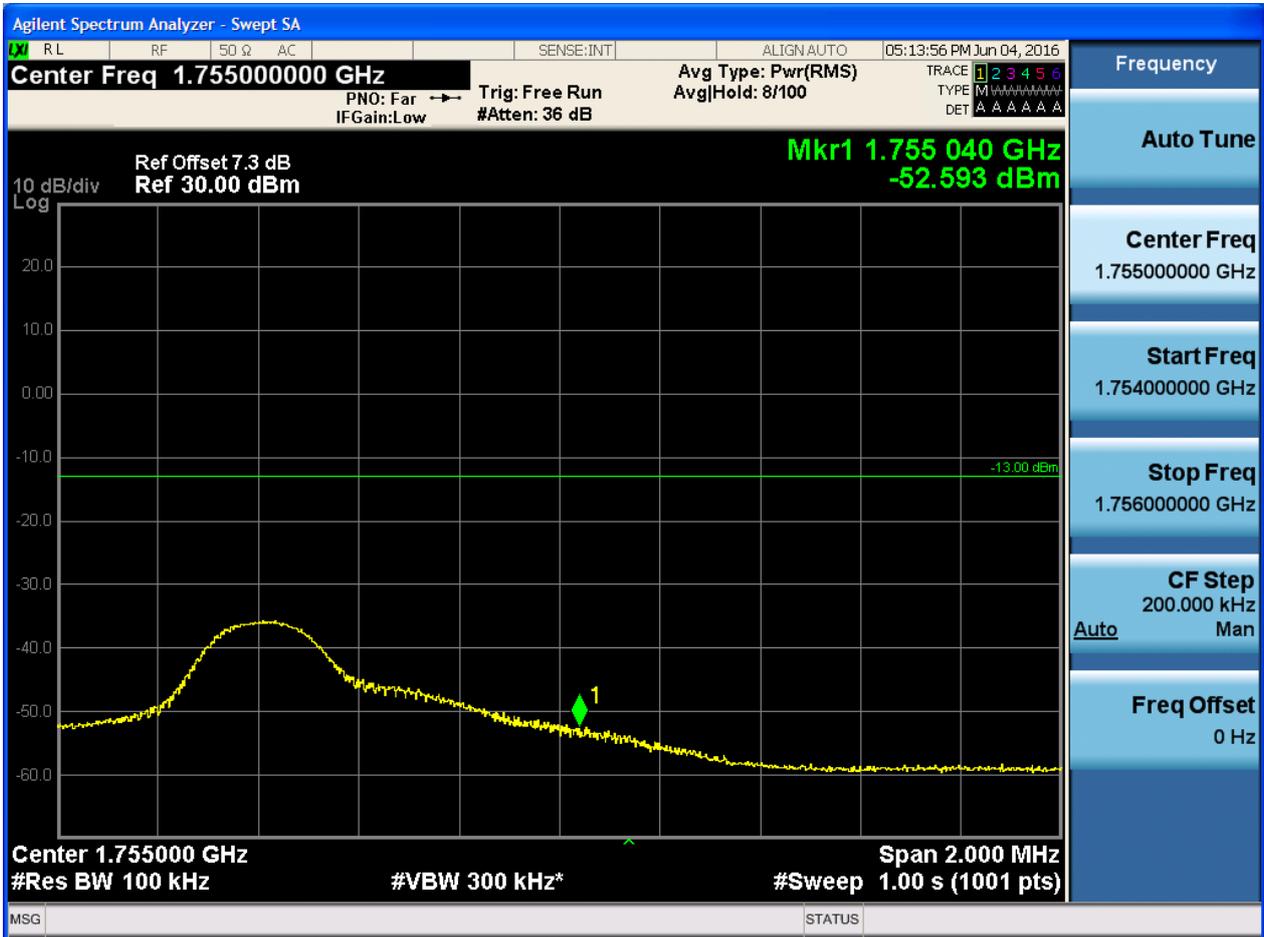
5.1.1.1.4.1.4 Test RB = RB50#0





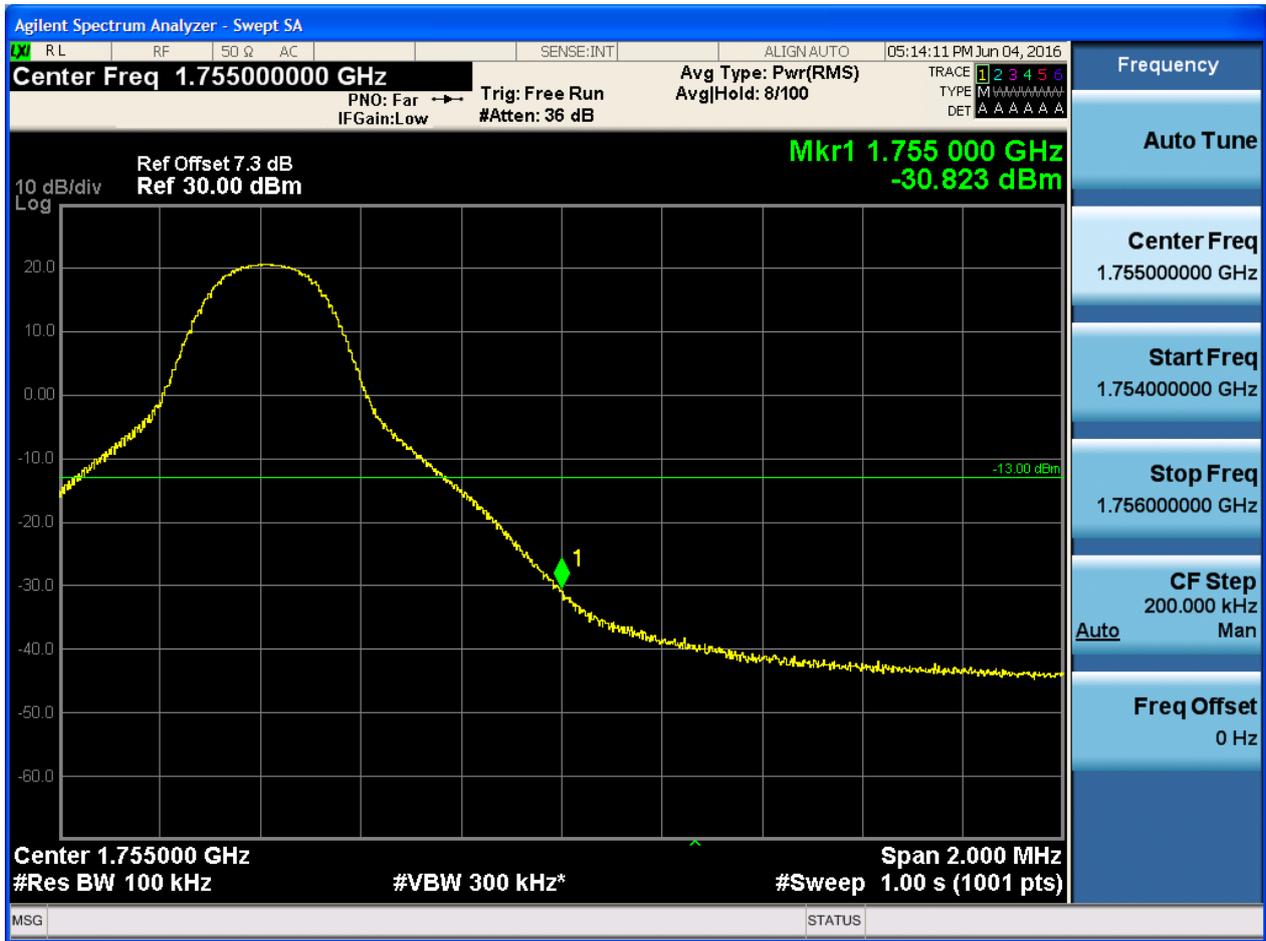
5.1.1.1.4.2 Test Channel = HCH

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

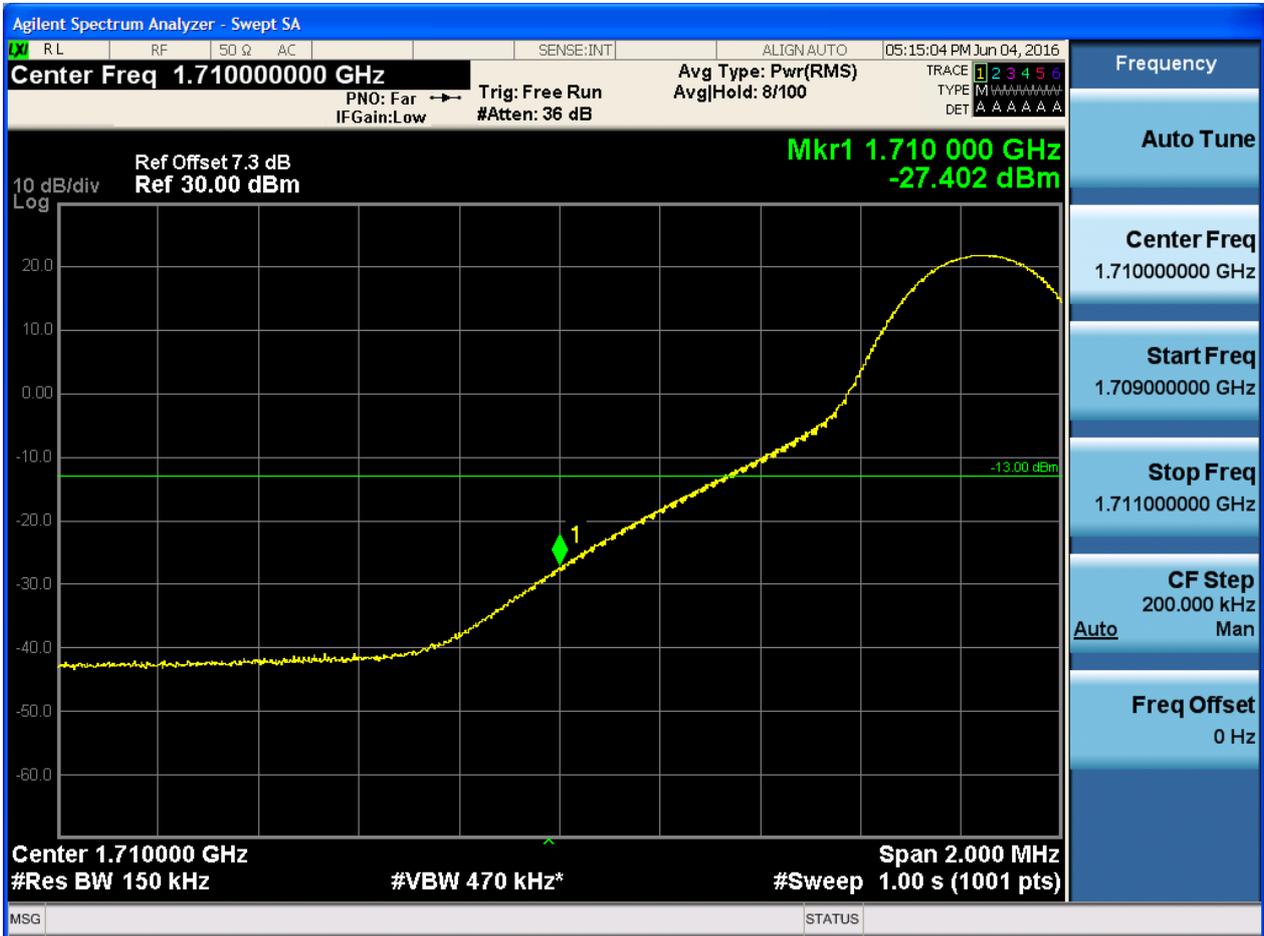




5.1.1.1.5 Test Bandwidth = 15

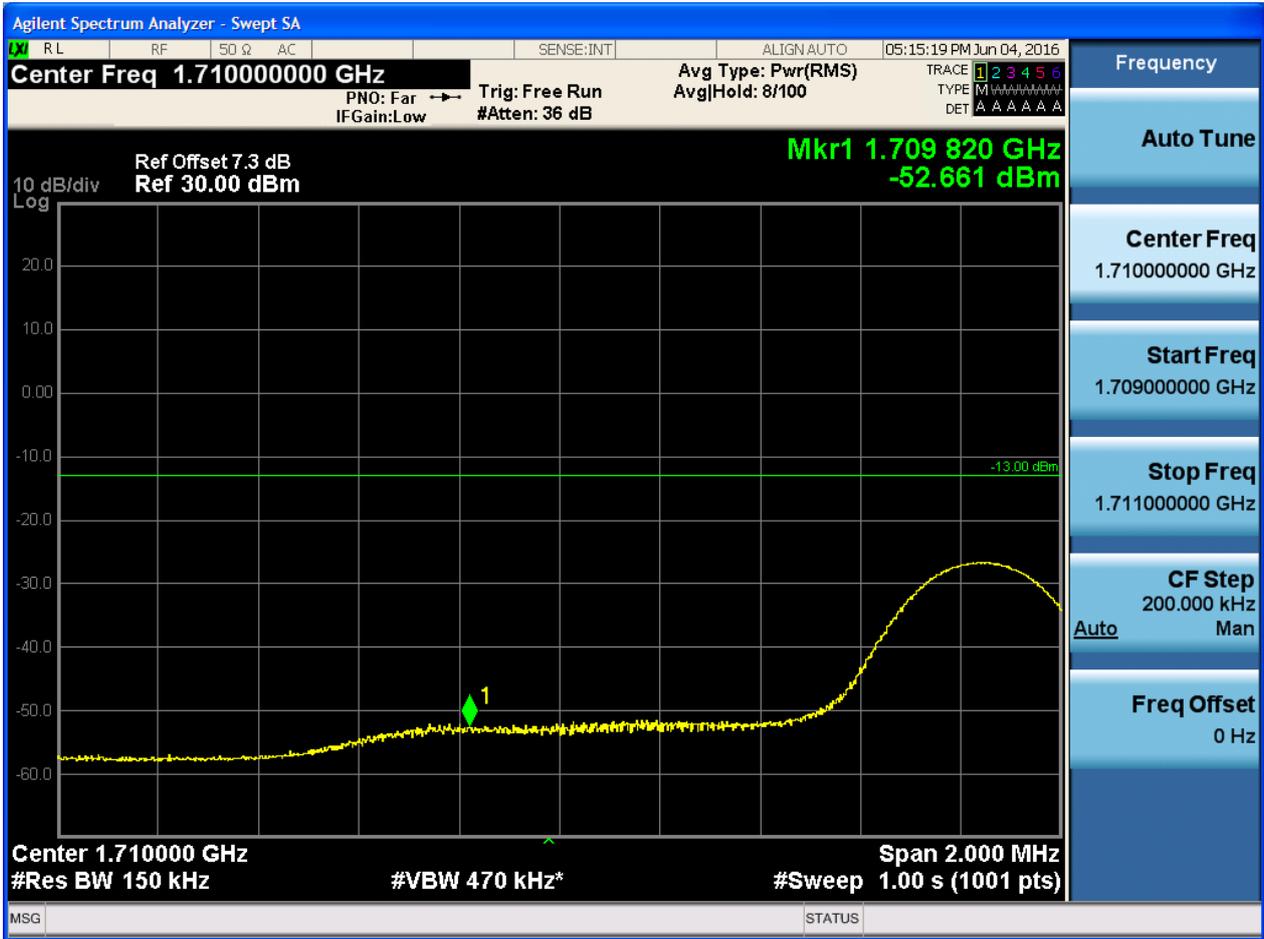
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0





5.1.1.1.5.1.2 Test RB = RB1#74



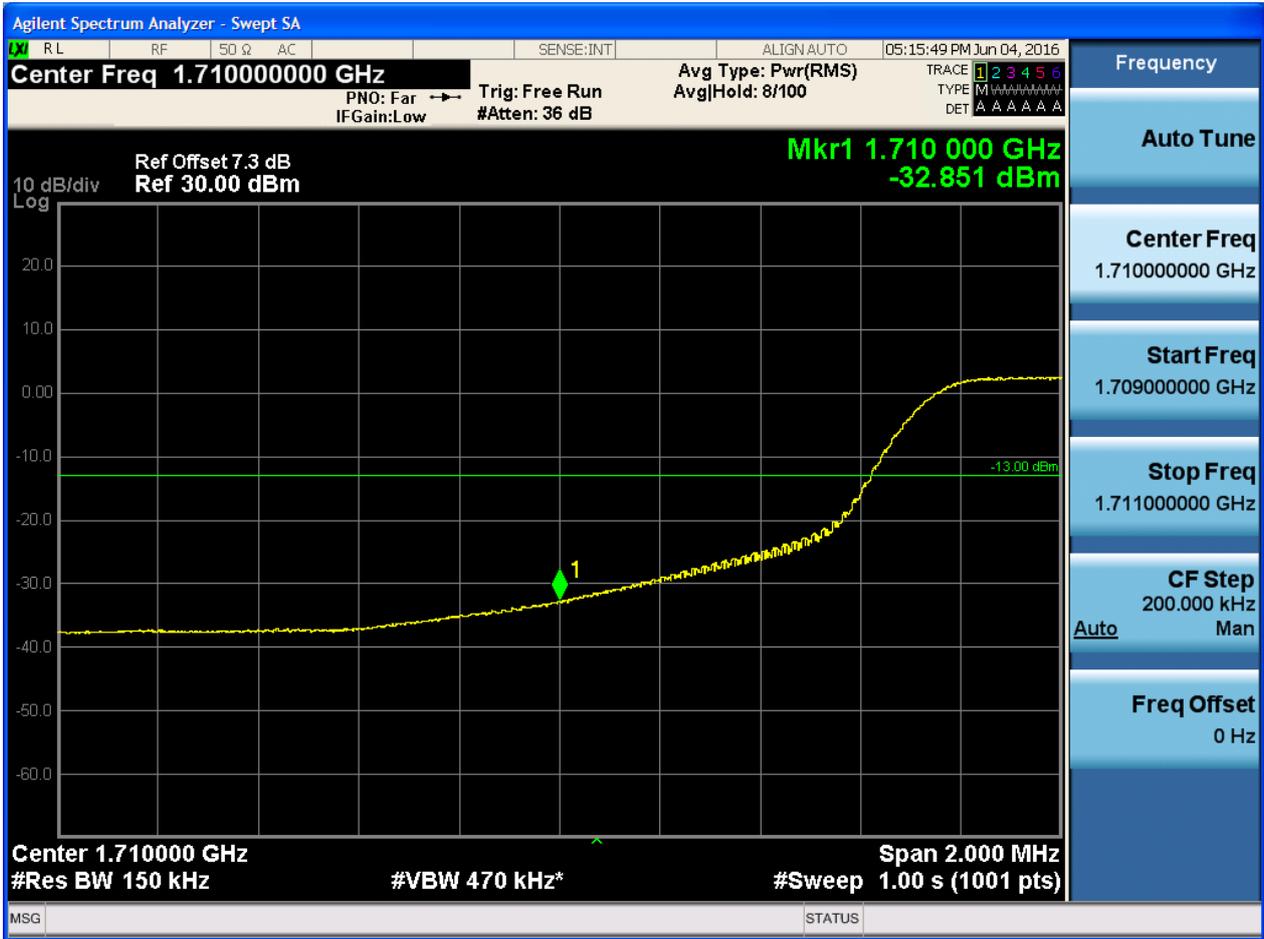


5.1.1.1.5.1.3 Test RB = RB38#19





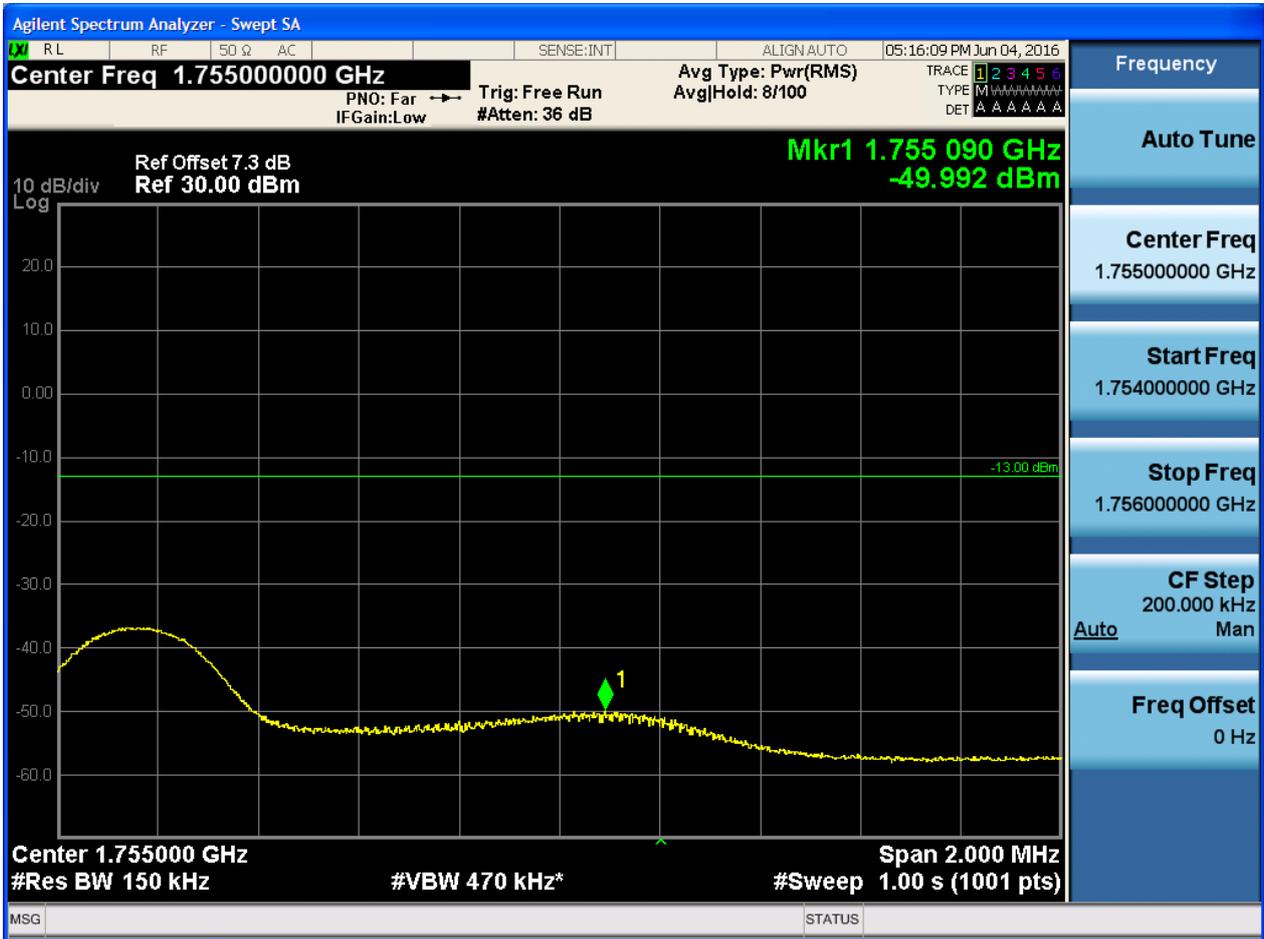
5.1.1.1.5.1.4 Test RB = RB75#0





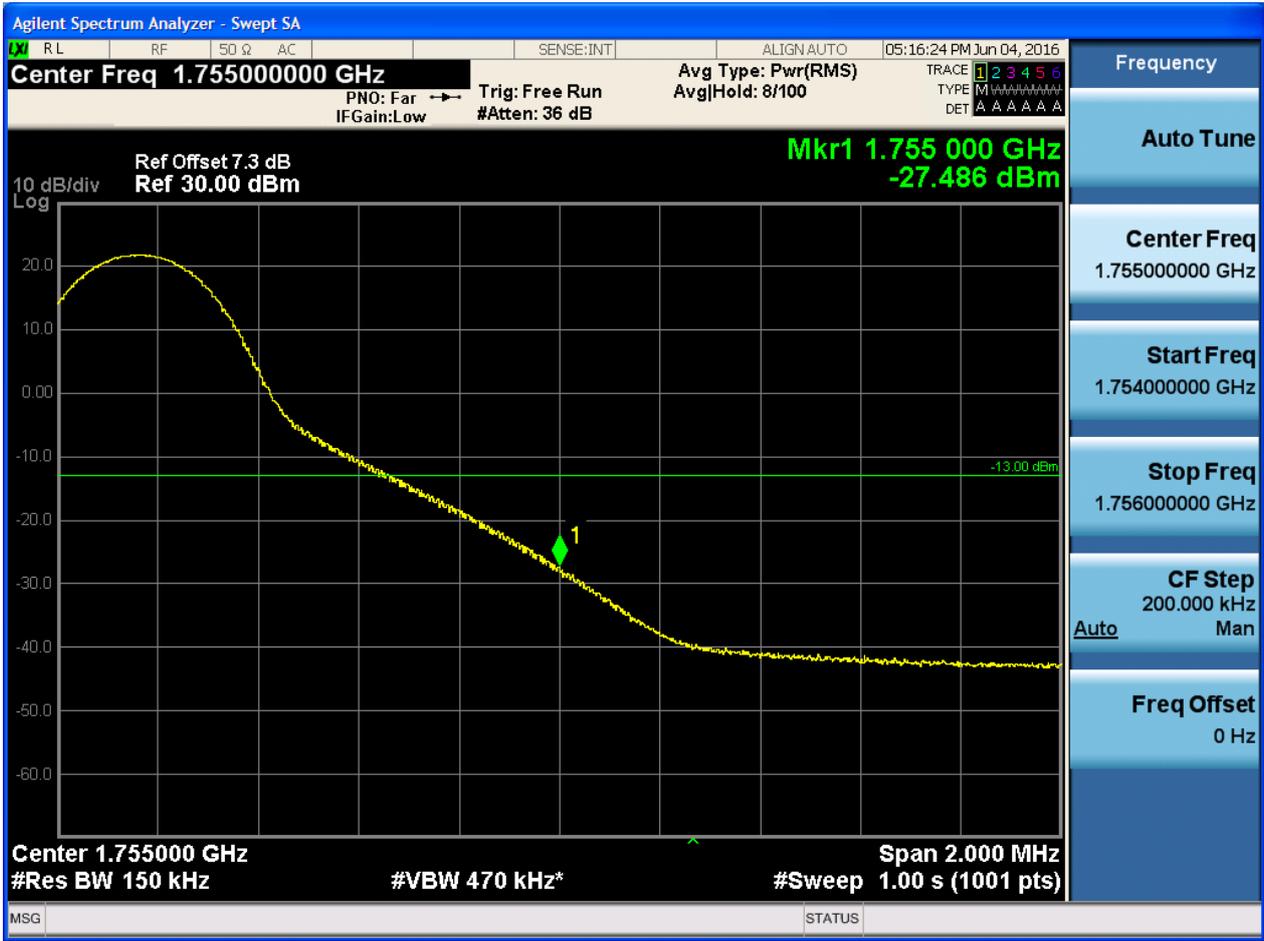
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74



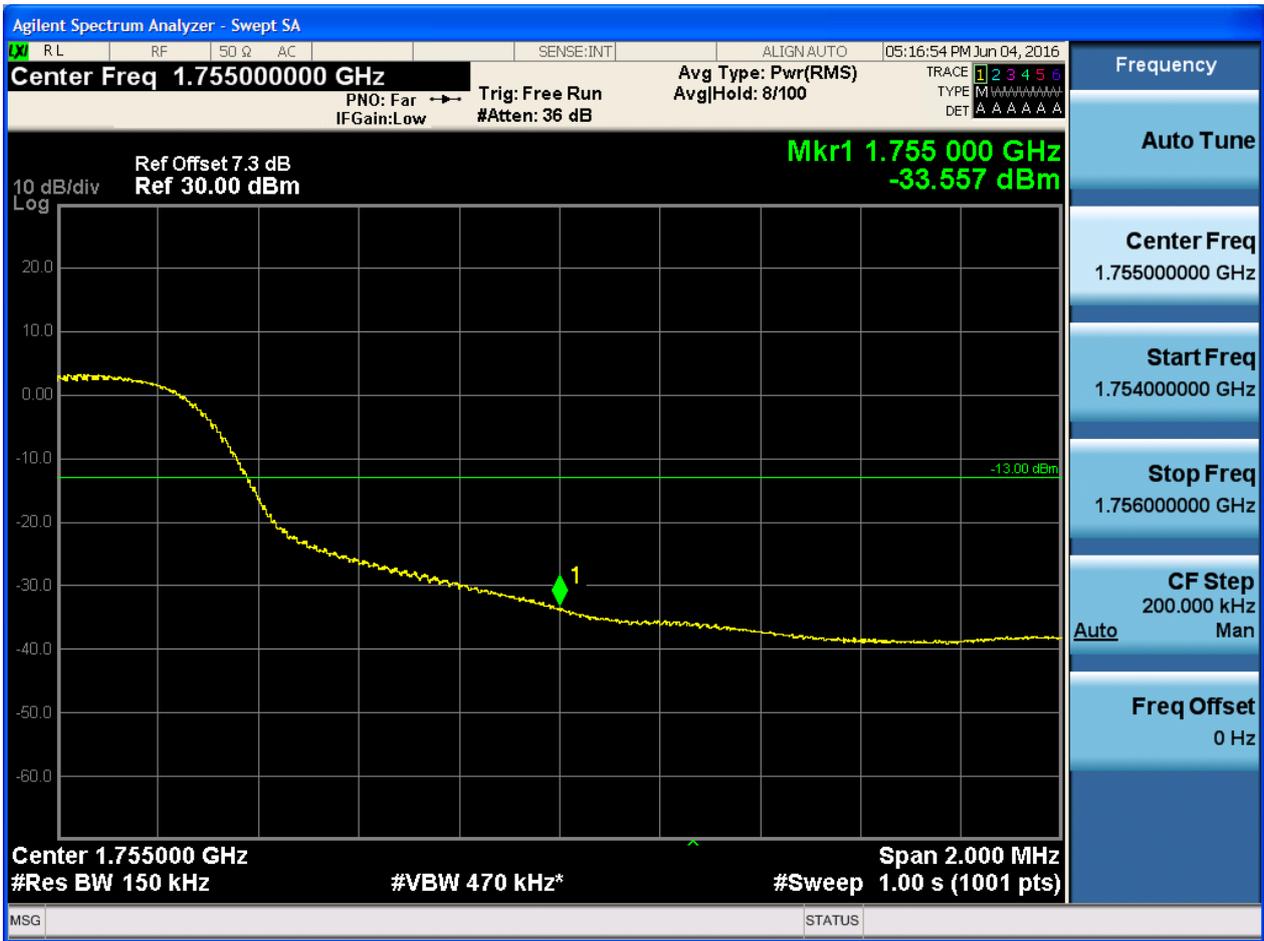


5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0





5.1.1.1.6 Test Bandwidth = 20

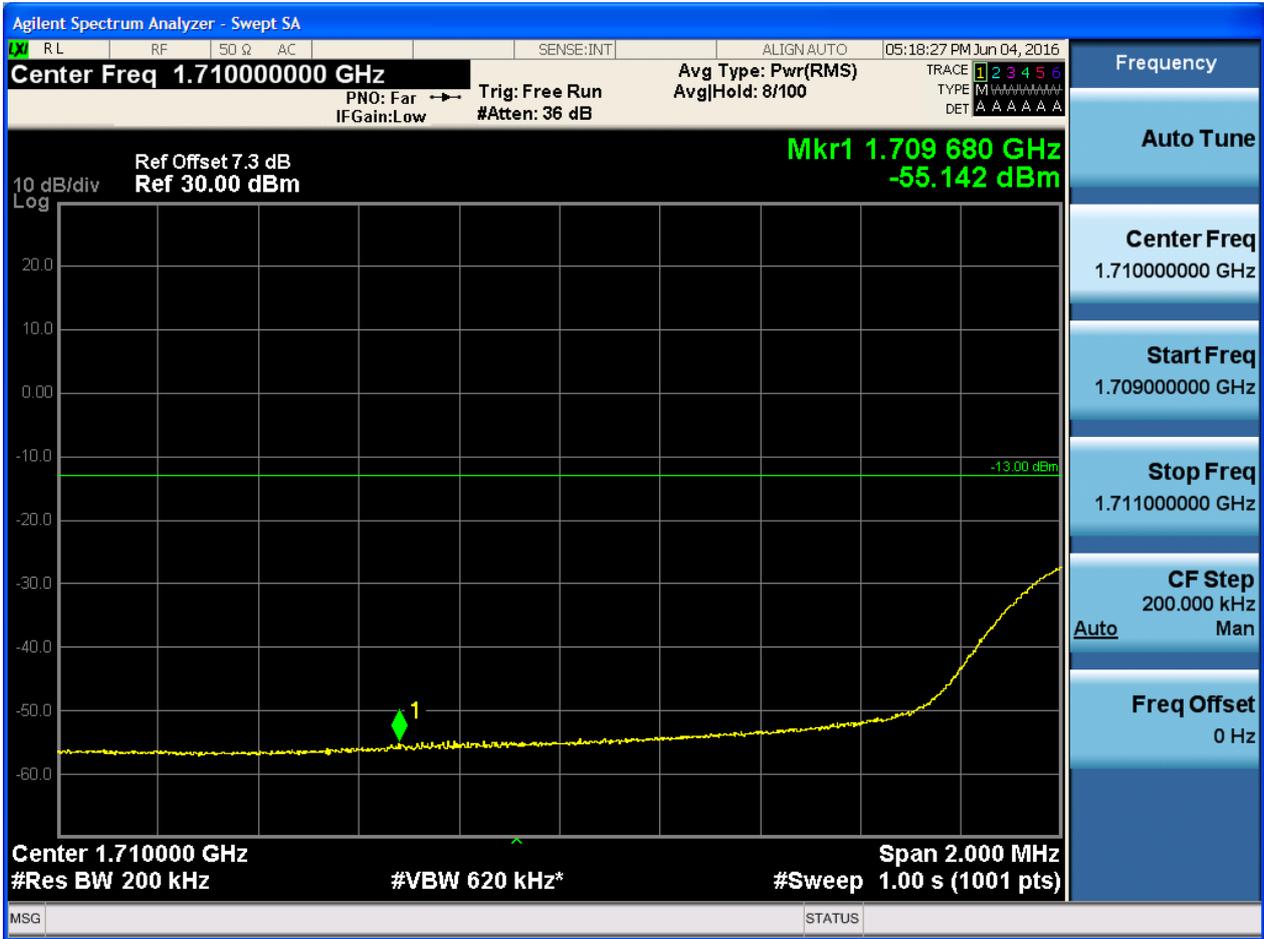
5.1.1.1.6.1 Test Channel = LCH

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





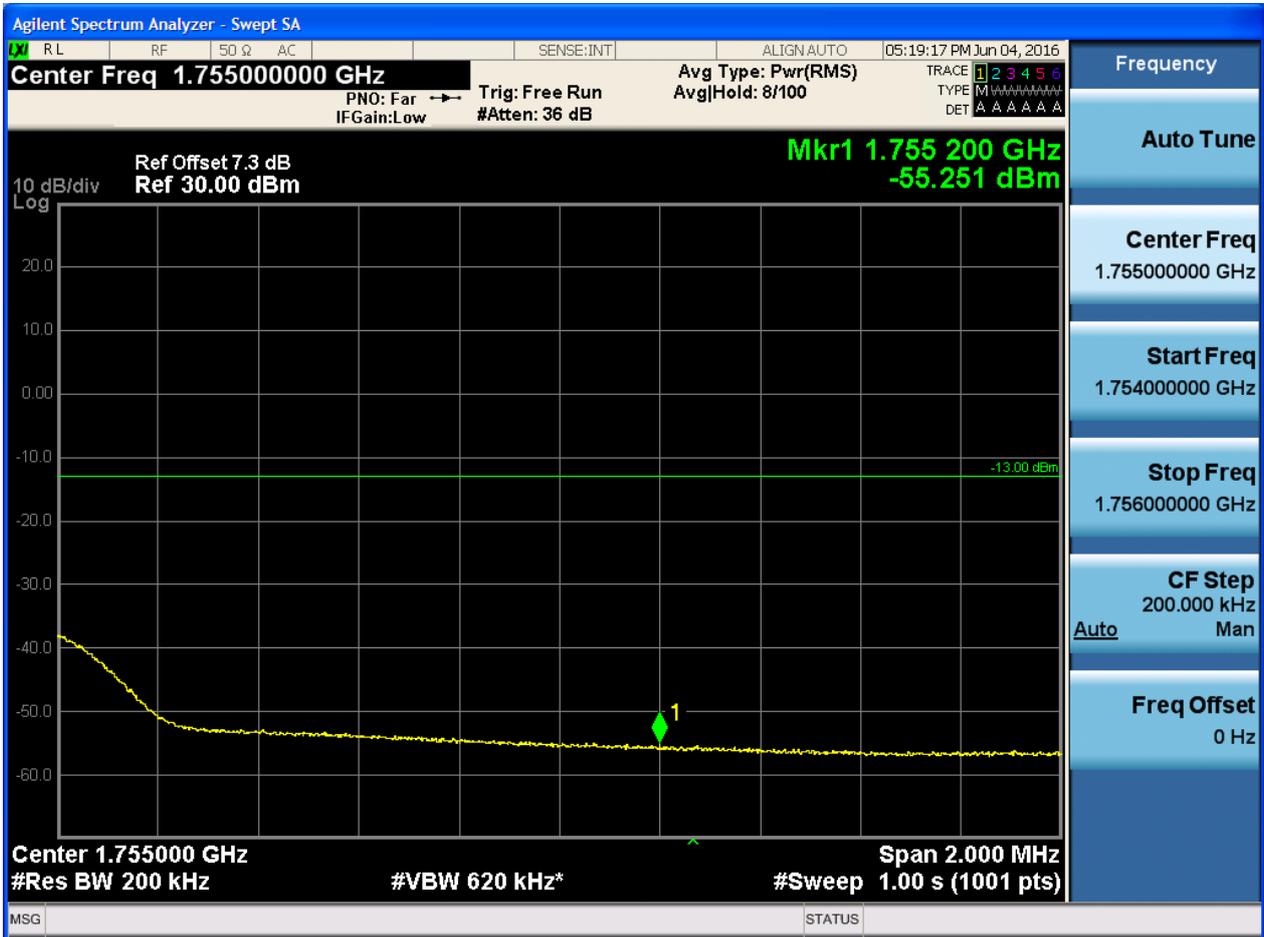
5.1.1.1.6.1.4 Test RB = RB100#0





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



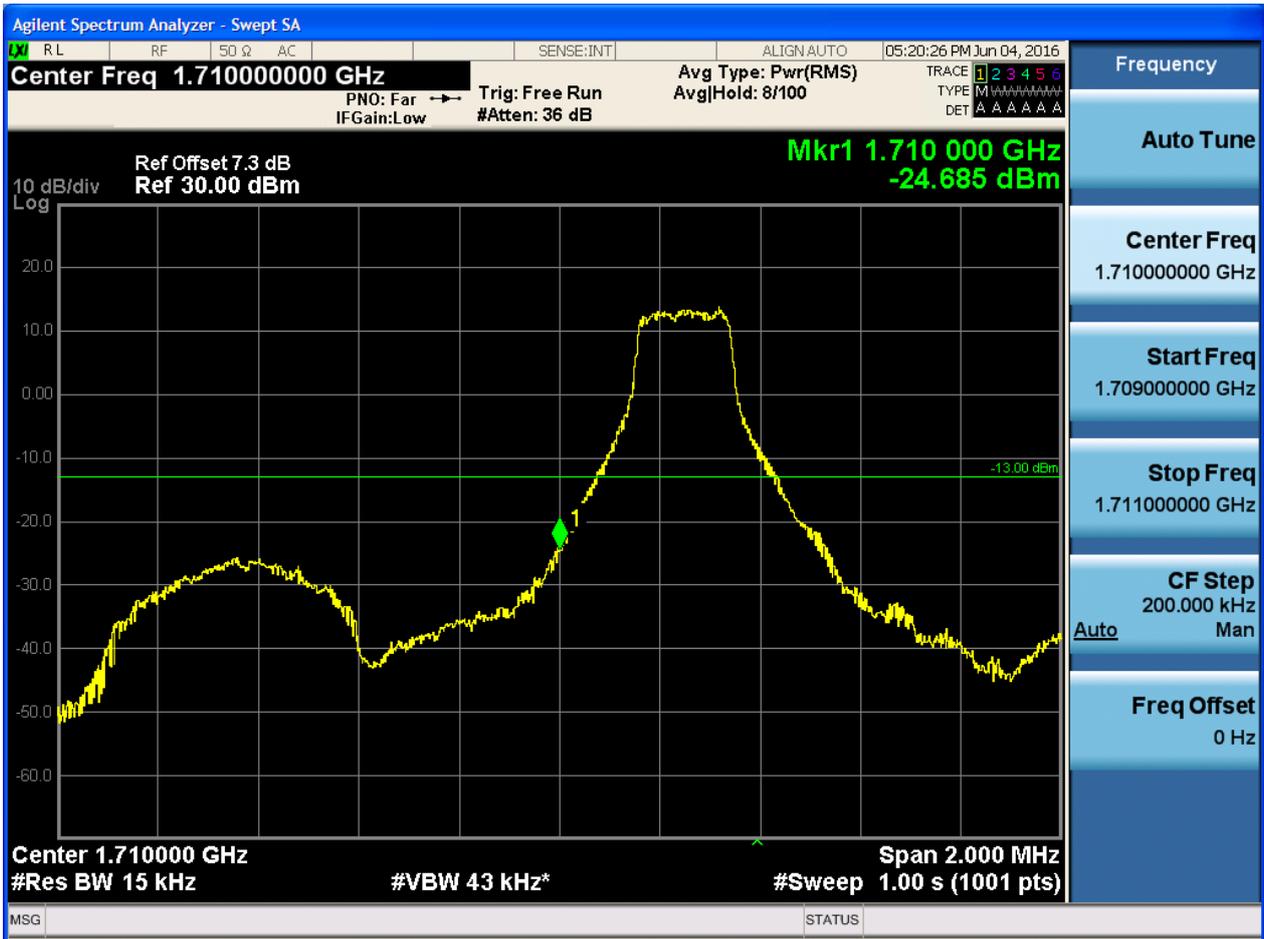


5.1.1.2 Test Mode = LTE/TM2

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





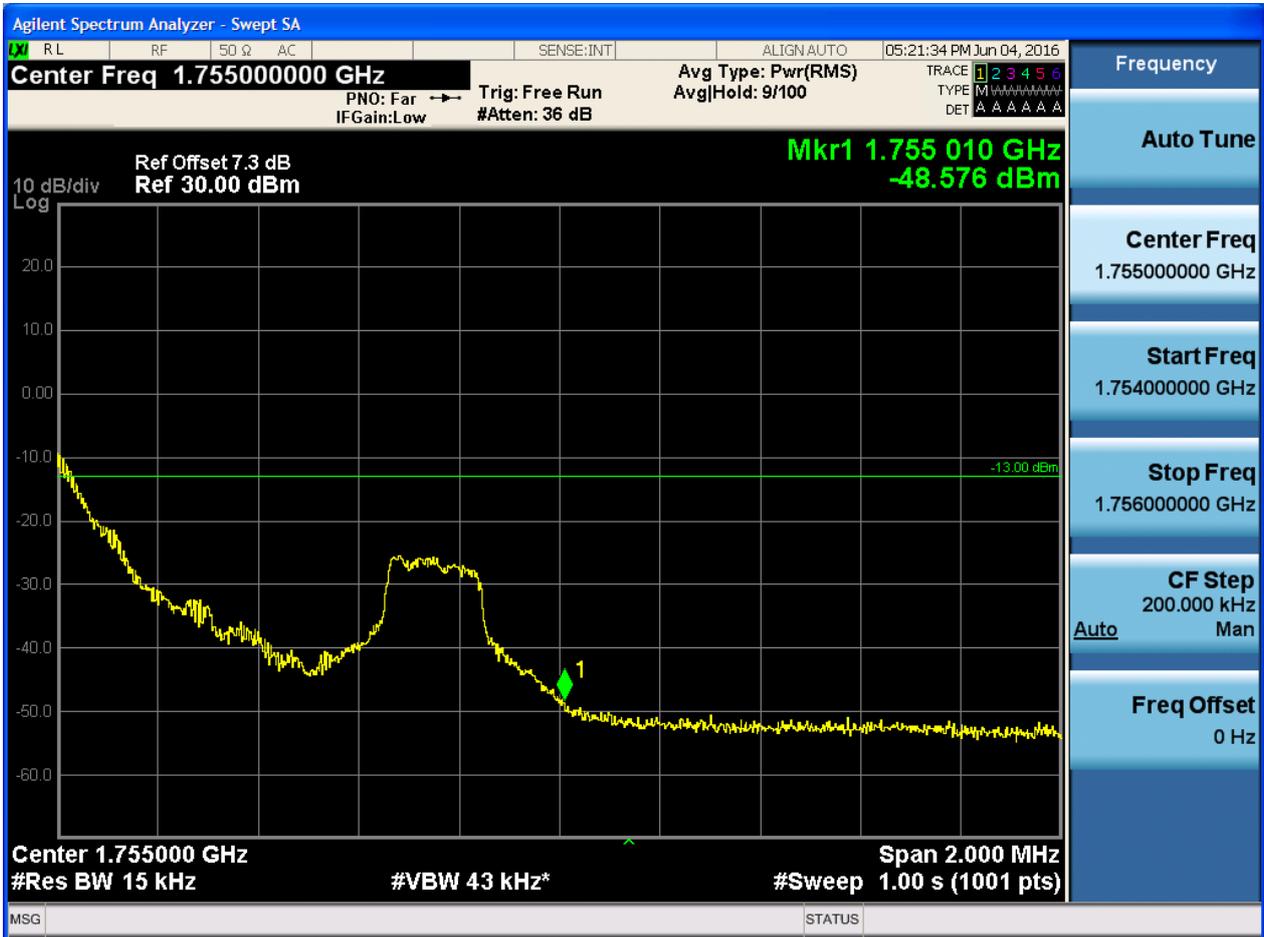
5.1.1.2.1.1.4 Test RB = RB6#0





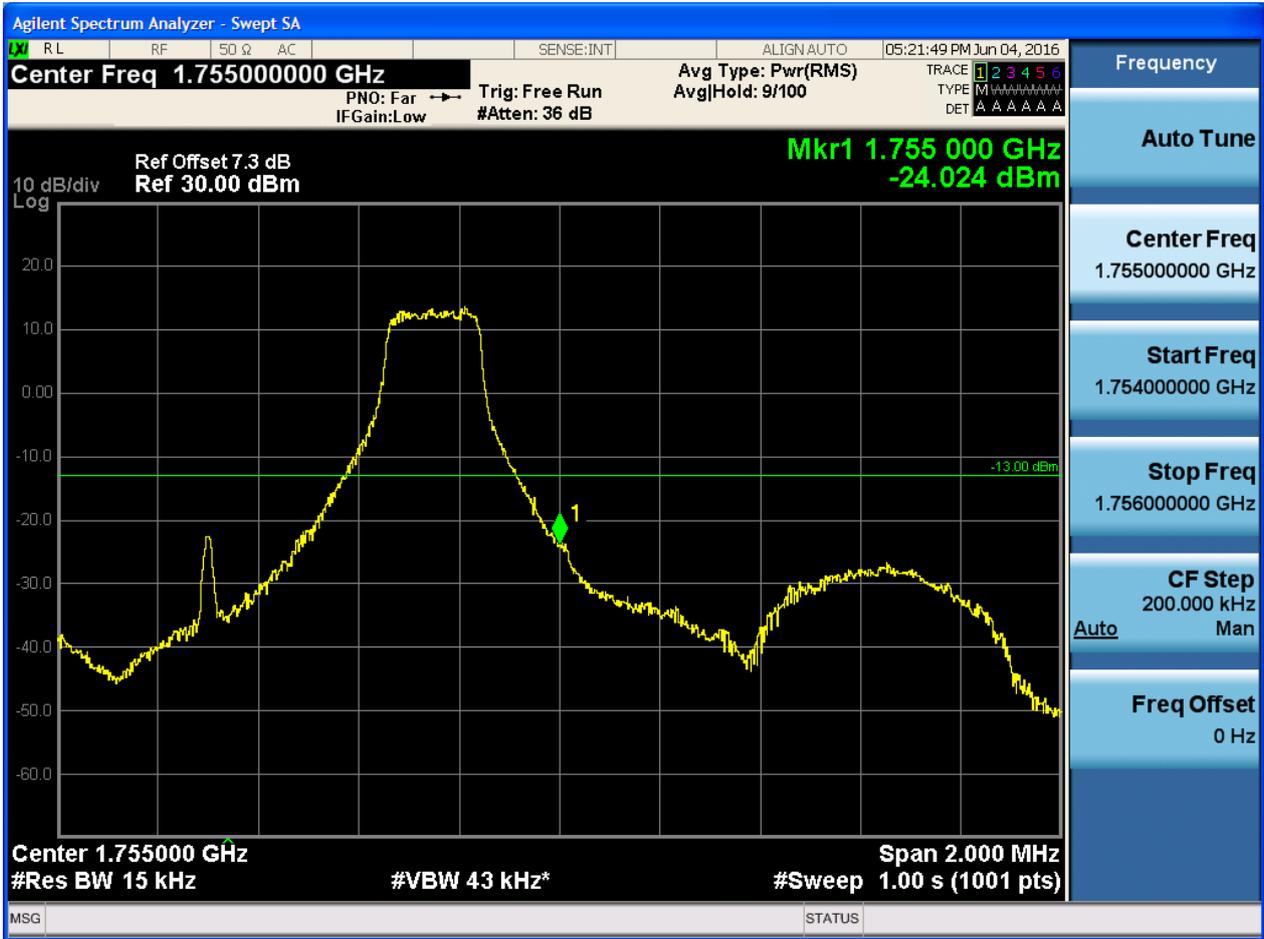
5.1.1.2.1.2 Test Channel = HCH

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

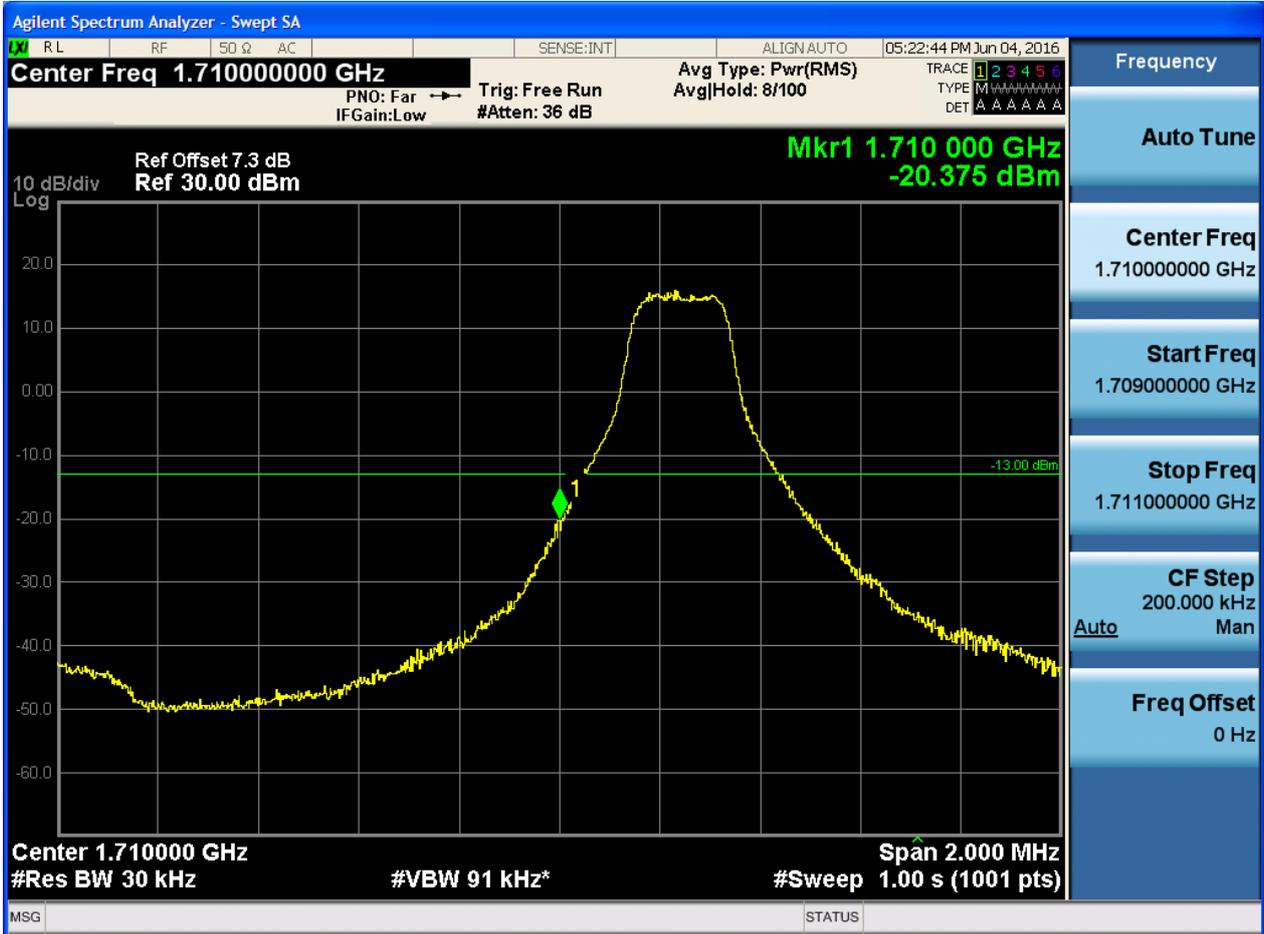




5.1.1.2.2 Test Bandwidth = 3

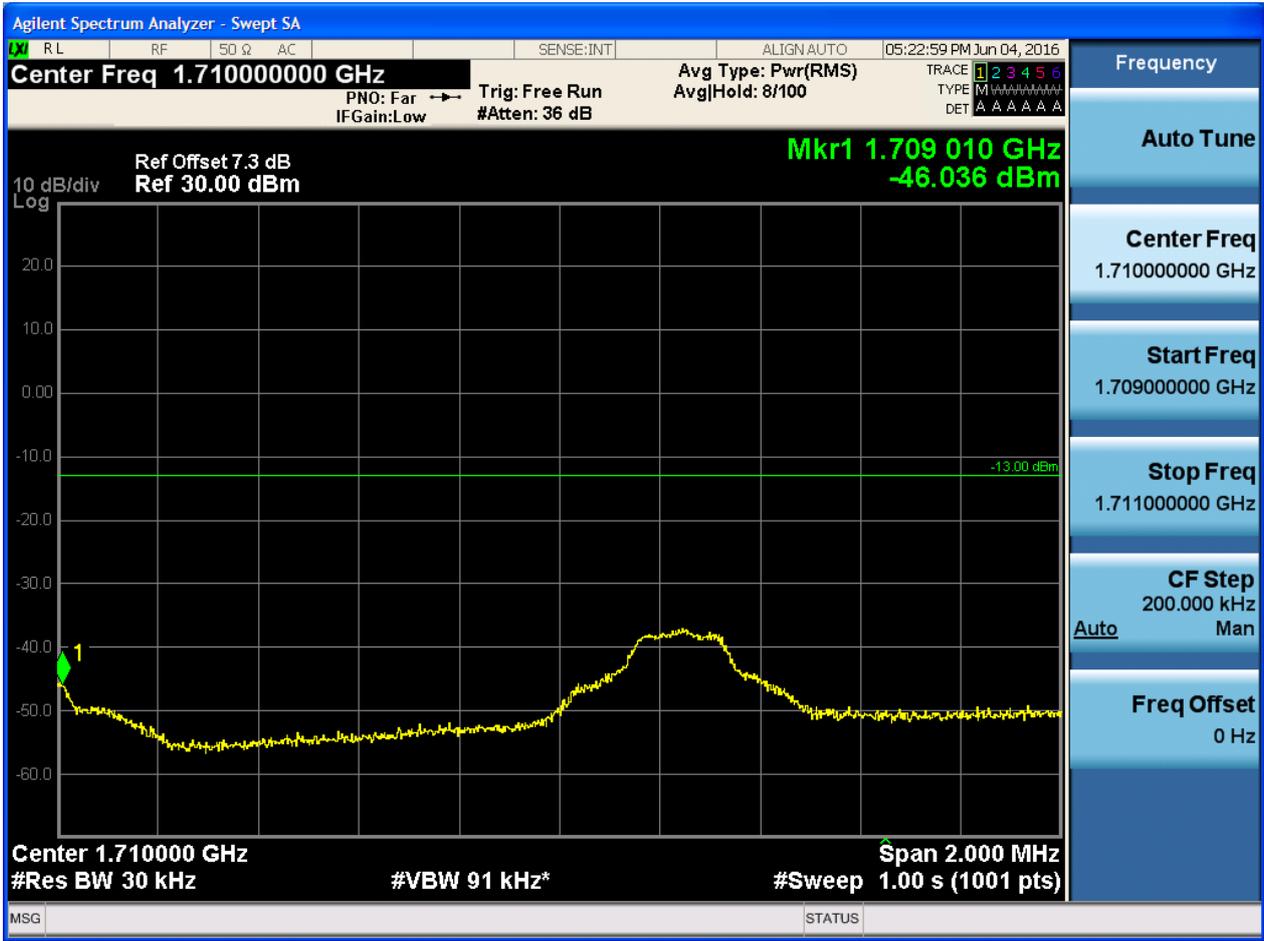
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4

