



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	21.33	22.53	30	PASS
				RB1#3	21.37	22.57	30	PASS
				RB1#5	21.34	22.54	30	PASS
				RB3#0	21.53	22.73	30	PASS
				RB3#2	21.58	22.78	30	PASS
				RB3#3	21.56	22.76	30	PASS
				RB6#0	20.6	21.8	30	PASS
			MCH	RB1#0	21.27	22.47	30	PASS
				RB1#3	21.32	22.52	30	PASS
				RB1#5	21.17	22.37	30	PASS
				RB3#0	21.22	22.42	30	PASS
				RB3#2	21.21	22.41	30	PASS
				RB3#3	21.18	22.38	30	PASS
				RB6#0	20.12	21.32	30	PASS
		HCH	RB1#0	21.36	22.56	30	PASS	
			RB1#3	21.47	22.67	30	PASS	
			RB1#5	21.43	22.63	30	PASS	
			RB3#0	21.31	22.51	30	PASS	
			RB3#2	21.39	22.59	30	PASS	
			RB3#3	21.39	22.59	30	PASS	
			RB6#0	20.25	21.45	30	PASS	
		3	LCH	RB1#0	21.22	22.42	30	PASS
				RB1#7	21.53	22.73	30	PASS
				RB1#14	21.36	22.56	30	PASS
				RB8#0	20.71	21.91	30	PASS
				RB8#4	20.61	21.81	30	PASS
				RB8#7	20.5	21.7	30	PASS
RB15#0	20.6			21.8	30	PASS		
MCH	RB1#0		21.07	22.27	30	PASS		
	RB1#7		21.34	22.54	30	PASS		
	RB1#14		20.98	22.18	30	PASS		



				RB8#0	20.07	21.27	30	PASS	
				RB8#4	20.08	21.28	30	PASS	
				RB8#7	20.03	21.23	30	PASS	
				RB15#0	20	21.2	30	PASS	
			HCH	RB1#0	21.25	22.45	30	PASS	
				RB1#7	21.45	22.65	30	PASS	
				RB1#14	21.23	22.43	30	PASS	
				RB8#0	20.38	21.58	30	PASS	
				RB8#4	20.27	21.47	30	PASS	
				RB8#7	20.14	21.34	30	PASS	
				RB15#0	20.21	21.41	30	PASS	
			5	LCH	RB1#0	21.4	22.6	30	PASS
					RB1#13	21.7	22.9	30	PASS
					RB1#24	21.59	22.79	30	PASS
	RB12#0	20.66			21.86	30	PASS		
	RB12#6	20.77			21.97	30	PASS		
	RB12#13	20.8			22	30	PASS		
	RB25#0	20.74			21.94	30	PASS		
	MCH	RB1#0		21.01	22.21	30	PASS		
		RB1#13		21.29	22.49	30	PASS		
		RB1#24		20.76	21.96	30	PASS		
		RB12#0		20.13	21.33	30	PASS		
		RB12#6		20.18	21.38	30	PASS		
		RB12#13		20.01	21.21	30	PASS		
		RB25#0		19.96	21.16	30	PASS		
	HCH	RB1#0		21.36	22.56	30	PASS		
		RB1#13		21.58	22.78	30	PASS		
		RB1#24		21.06	22.26	30	PASS		
		RB12#0		20.44	21.64	30	PASS		
		RB12#6	20.48	21.68	30	PASS			
		RB12#13	20.12	21.32	30	PASS			
		RB25#0	20.09	21.29	30	PASS			
10	LCH	RB1#0	21.36	22.56	30	PASS			
		RB1#25	22	23.2	30	PASS			
		RB1#49	21.67	22.87	30	PASS			
		RB25#0	20.72	21.92	30	PASS			
		RB25#13	21.05	22.25	30	PASS			
		RB25#25	21.01	22.21	30	PASS			
		RB50#0	20.72	21.92	30	PASS			
	MCH	RB1#0	21.29	22.49	30	PASS			
		RB1#25	21.39	22.59	30	PASS			



				RB1#49	20.91	22.11	30	PASS	
				RB25#0	20.13	21.33	30	PASS	
				RB25#13	20.07	21.27	30	PASS	
				RB25#25	20.03	21.23	30	PASS	
				RB50#0	19.97	21.17	30	PASS	
			HCH	RB1#0	21.43	22.63	30	PASS	
				RB1#25	21.75	22.95	30	PASS	
				RB1#49	21.12	22.32	30	PASS	
				RB25#0	20.43	21.63	30	PASS	
				RB25#13	20.49	21.69	30	PASS	
				RB25#25	20.23	21.43	30	PASS	
			15	LCH	RB1#0	21.49	22.69	30	PASS
					RB1#38	22.22	23.42	30	PASS
					RB1#74	21.06	22.26	30	PASS
					RB38#0	20.86	22.06	30	PASS
		RB38#19			21.07	22.27	30	PASS	
		RB38#39			20.75	21.95	30	PASS	
		RB75#0			20.79	21.99	30	PASS	
		MCH		RB1#0	21.44	22.64	30	PASS	
				RB1#38	21.28	22.48	30	PASS	
				RB1#74	20.68	21.88	30	PASS	
				RB38#0	20.27	21.47	30	PASS	
				RB38#19	20.29	21.49	30	PASS	
				RB38#39	20.25	21.45	30	PASS	
		HCH		RB1#0	21.41	22.61	30	PASS	
				RB1#38	21.75	22.95	30	PASS	
			RB1#74	20.69	21.89	30	PASS		
			RB38#0	20.52	21.72	30	PASS		
			RB38#19	20.55	21.75	30	PASS		
			RB38#39	20.26	21.46	30	PASS		
RB75#0	20.32		21.52	30	PASS				
20	LCH	RB1#0	21.28	22.48	30	PASS			
		RB1#50	21.81	23.01	30	PASS			
		RB1#99	20.93	22.13	30	PASS			
		RB50#0	20.77	21.97	30	PASS			
		RB50#25	20.95	22.15	30	PASS			
		RB50#50	20.5	21.7	30	PASS			
		RB100#0	20.09	21.29	30	PASS			
	MCH	RB1#0	21.37	22.57	30	PASS			



				RB1#50	21.18	22.38	30	PASS			
				RB1#99	21.11	22.31	30	PASS			
				RB50#0	20.15	21.35	30	PASS			
				RB50#25	20.05	21.25	30	PASS			
				RB50#50	20.27	21.47	30	PASS			
				RB100#0	19.52	20.72	30	PASS			
			HCH	RB1#0	20.73	21.93	30	PASS			
				RB1#50	21.43	22.63	30	PASS			
				RB1#99	20.93	22.13	30	PASS			
				RB50#0	20.36	21.56	30	PASS			
				RB50#25	20.45	21.65	30	PASS			
				RB50#50	20.19	21.39	30	PASS			
					1.4	LCH	RB1#0	21.01	22.21	30	PASS
							RB1#3	21.11	22.31	30	PASS
	RB1#5	20.94					22.14	30	PASS		
	RB3#0	20.76					21.96	30	PASS		
	RB3#2	20.72					21.92	30	PASS		
	RB3#3	20.74					21.94	30	PASS		
	RB6#0	20.17					21.37	30	PASS		
	MCH	RB1#0				20.23	21.43	30	PASS		
		RB1#3				20.53	21.73	30	PASS		
		RB1#5				20.38	21.58	30	PASS		
		RB3#0				20.2	21.4	30	PASS		
		RB3#2				20.16	21.36	30	PASS		
		RB3#3				20.14	21.34	30	PASS		
		RB6#0				19.59	20.79	30	PASS		
	HCH	RB1#0	20.53	21.73	30	PASS					
		RB1#3	20.59	21.79	30	PASS					
		RB1#5	20.56	21.76	30	PASS					
		RB3#0	20.37	21.57	30	PASS					
RB3#2		20.44	21.64	30	PASS						
RB3#3		20.21	21.41	30	PASS						
RB6#0		19.74	20.94	30	PASS						
		3	LCH	RB1#0	20.56	21.76	30	PASS			
				RB1#7	20.79	21.99	30	PASS			
				RB1#14	20.76	21.96	30	PASS			
				RB8#0	20.19	21.39	30	PASS			
				RB8#4	20.11	21.31	30	PASS			
				RB8#7	20	21.2	30	PASS			
				RB15#0	20.07	21.27	30	PASS			



		MCH	RB1#0	20.26	21.46	30	PASS
			RB1#7	20.55	21.75	30	PASS
			RB1#14	20.2	21.4	30	PASS
			RB8#0	19.55	20.75	30	PASS
			RB8#4	19.59	20.79	30	PASS
			RB8#7	19.52	20.72	30	PASS
			RB15#0	19.5	20.7	30	PASS
		HCH	RB1#0	20.5	21.7	30	PASS
			RB1#7	20.65	21.85	30	PASS
			RB1#14	20.37	21.57	30	PASS
			RB8#0	19.85	21.05	30	PASS
			RB8#4	19.72	20.92	30	PASS
			RB8#7	19.67	20.87	30	PASS
			RB15#0	19.62	20.82	30	PASS
	5	LCH	RB1#0	20.82	22.02	30	PASS
			RB1#13	21.12	22.32	30	PASS
			RB1#24	20.84	22.04	30	PASS
			RB12#0	20.16	21.36	30	PASS
			RB12#6	20.22	21.42	30	PASS
			RB12#13	20.33	21.53	30	PASS
			RB25#0	20.25	21.45	30	PASS
		MCH	RB1#0	20.34	21.54	30	PASS
			RB1#13	20.63	21.83	30	PASS
			RB1#24	20.01	21.21	30	PASS
			RB12#0	19.57	20.77	30	PASS
			RB12#6	19.64	20.84	30	PASS
			RB12#13	19.43	20.63	30	PASS
HCH	RB25#0	19.4	20.6	30	PASS		
	RB1#0	20.84	22.04	30	PASS		
	RB1#13	20.91	22.11	30	PASS		
	RB1#24	20.39	21.59	30	PASS		
	RB12#0	19.87	21.07	30	PASS		
	RB12#6	19.89	21.09	30	PASS		
	RB12#13	19.58	20.78	30	PASS		
10	LCH	RB25#0	19.52	20.72	30	PASS	
		RB1#0	20.77	21.97	30	PASS	
		RB1#25	21.16	22.36	30	PASS	
		RB1#49	20.84	22.04	30	PASS	
		RB25#0	20.18	21.38	30	PASS	
		RB25#13	20.54	21.74	30	PASS	
			RB25#25	20.43	21.63	30	PASS

			RB50#0	20.16	21.36	30	PASS
		MCH	RB1#0	20.33	21.53	30	PASS
			RB1#25	20.36	21.56	30	PASS
			RB1#49	20.05	21.25	30	PASS
			RB25#0	19.55	20.75	30	PASS
			RB25#13	19.53	20.73	30	PASS
			RB25#25	19.46	20.66	30	PASS
			RB50#0	19.42	20.62	30	PASS
		HCH	RB1#0	20.54	21.74	30	PASS
			RB1#25	20.83	22.03	30	PASS
			RB1#49	20.2	21.4	30	PASS
			RB25#0	19.86	21.06	30	PASS
			RB25#13	19.88	21.08	30	PASS
			RB25#25	19.67	20.87	30	PASS
			RB50#0	19.58	20.78	30	PASS
	15	LCH	RB1#0	20.68	21.88	30	PASS
			RB1#38	21.18	22.38	30	PASS
			RB1#74	20.14	21.34	30	PASS
			RB38#0	20.35	21.55	30	PASS
			RB38#19	20.5	21.7	30	PASS
			RB38#39	20.22	21.42	30	PASS
			RB75#0	20.25	21.45	30	PASS
		MCH	RB1#0	20.81	22.01	30	PASS
			RB1#38	20.59	21.79	30	PASS
			RB1#74	20.03	21.23	30	PASS
			RB38#0	19.68	20.88	30	PASS
			RB38#19	19.72	20.92	30	PASS
			RB38#39	19.67	20.87	30	PASS
			RB75#0	19.53	20.73	30	PASS
	HCH	RB1#0	20.59	21.79	30	PASS	
		RB1#38	20.91	22.11	30	PASS	
		RB1#74	19.83	21.03	30	PASS	
		RB38#0	19.9	21.1	30	PASS	
		RB38#19	19.91	21.11	30	PASS	
		RB38#39	19.64	20.84	30	PASS	
		RB75#0	19.74	20.94	30	PASS	
	20	LCH	RB1#0	20.7	21.9	30	PASS
			RB1#50	21.16	22.36	30	PASS
			RB1#99	20.34	21.54	30	PASS
			RB50#0	20.24	21.44	30	PASS
			RB50#25	20.38	21.58	30	PASS

				RB50#50	19.97	21.17	30	PASS
				RB100#0	20.03	21.23	30	PASS
			MCH	RB1#0	20.59	21.79	30	PASS
				RB1#50	20.43	21.63	30	PASS
				RB1#99	20.33	21.53	30	PASS
				RB50#0	19.57	20.77	30	PASS
				RB50#25	19.48	20.68	30	PASS
				RB50#50	19.69	20.89	30	PASS
				RB100#0	19.45	20.65	30	PASS
				HCH	RB1#0	20.17	21.37	30
			RB1#50		20.77	21.97	30	PASS
			RB1#99		20.37	21.57	30	PASS
			RB50#0		19.75	20.95	30	PASS
			RB50#25		19.83	21.03	30	PASS
			RB50#50		19.58	20.78	30	PASS
			RB100#0		19.65	20.85	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:

SET Span=1.5*OBW

SET RBW=1%of the OBW,not to exceed 1MHz

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector:RMS



2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.32	13	PASS
				RB1#3	4.49	13	PASS
				RB1#5	4.71	13	PASS
				RB3#0	4.81	13	PASS
				RB3#2	5.04	13	PASS
				RB3#3	5.12	13	PASS
				RB6#0	5.72	13	PASS
			MCH	RB1#0	5.04	13	PASS
				RB1#3	4.93	13	PASS
				RB1#5	4.97	13	PASS
				RB3#0	5.63	13	PASS
				RB3#2	5.57	13	PASS
				RB3#3	5.64	13	PASS
				RB6#0	5.94	13	PASS
			HCH	RB1#0	5.18	13	PASS
				RB1#3	5.01	13	PASS
				RB1#5	5.07	13	PASS
				RB3#0	5.47	13	PASS
				RB3#2	5.41	13	PASS
				RB3#3	5.43	13	PASS
				RB6#0	6.04	13	PASS
		3	LCH	RB1#0	4.45	13	PASS
				RB1#7	4.58	13	PASS
				RB1#14	5.01	13	PASS
				RB8#0	5.68	13	PASS
				RB8#4	5.65	13	PASS
				RB8#7	5.66	13	PASS
				RB15#0	5.65	13	PASS
MCH	RB1#0		5.08	13	PASS		
	RB1#7		4.82	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#14	5.11	13	PASS			
				RB8#0	6.13	13	PASS			
				RB8#4	6.16	13	PASS			
				RB8#7	6.06	13	PASS			
				RB15#0	6.03	13	PASS			
			HCH	RB1#0	5.31	13	PASS			
				RB1#7	4.96	13	PASS			
				RB1#14	5.28	13	PASS			
				RB8#0	5.87	13	PASS			
				RB8#4	5.95	13	PASS			
				RB8#7	5.88	13	PASS			
						LCH	RB1#0	4.56	13	PASS
							RB1#13	5.01	13	PASS
							RB1#24	5.12	13	PASS
							RB12#0	5.77	13	PASS
		RB12#6					5.6	13	PASS	
		RB12#13					5.75	13	PASS	
		RB25#0					5.92	13	PASS	
		5			MCH	RB1#0	5.32	13	PASS	
						RB1#13	5.38	13	PASS	
						RB1#24	5.36	13	PASS	
						RB12#0	6.26	13	PASS	
						RB12#6	6.31	13	PASS	
						RB12#13	6.24	13	PASS	
						RB25#0	6.14	13	PASS	
					HCH	RB1#0	5.38	13	PASS	
						RB1#13	5.22	13	PASS	
						RB1#24	5.35	13	PASS	
						RB12#0	6.09	13	PASS	
						RB12#6	6.07	13	PASS	
RB12#13	6.2					13	PASS			
RB25#0	6.06					13	PASS			
10			LCH	RB1#0	4.53	13	PASS			
				RB1#25	4.54	13	PASS			
				RB1#49	5.01	13	PASS			
				RB25#0	6.04	13	PASS			
				RB25#13	5.8	13	PASS			
				RB25#25	5.77	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.29	13	PASS
			MCH	RB1#0	5.07	13	PASS
				RB1#25	5.09	13	PASS
				RB1#49	5.18	13	PASS
				RB25#0	6.06	13	PASS
				RB25#13	6.11	13	PASS
				RB25#25	5.96	13	PASS
				RB50#0	6.28	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#25	5.01	13	PASS
				RB1#49	4.89	13	PASS
				RB25#0	6.07	13	PASS
				RB25#13	6.12	13	PASS
				RB25#25	6.06	13	PASS
		15	LCH	RB1#0	4.73	13	PASS
				RB1#38	4.77	13	PASS
				RB1#74	5.12	13	PASS
				RB38#0	5.95	13	PASS
				RB38#19	5.76	13	PASS
				RB38#39	6.01	13	PASS
				RB75#0	6.41	13	PASS
			MCH	RB1#0	5.09	13	PASS
				RB1#38	5.31	13	PASS
				RB1#74	5.47	13	PASS
				RB38#0	6.24	13	PASS
				RB38#19	6.34	13	PASS
				RB38#39	6.2	13	PASS
				RB75#0	6.51	13	PASS
		HCH	RB1#0	5.19	13	PASS	
			RB1#38	5.09	13	PASS	
			RB1#74	5.36	13	PASS	
			RB38#0	6.14	13	PASS	
			RB38#19	6.08	13	PASS	
			RB38#39	6.07	13	PASS	
			RB75#0	6.45	13	PASS	
		20	LCH	RB1#0	5.24	13	PASS
RB1#50	4.99			13	PASS		
RB1#99	5.59			13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.03	13	PASS
				RB50#25	5.9	13	PASS
				RB50#50	6.07	13	PASS
				RB100#0	6.3	13	PASS
			MCH	RB1#0	5.7	13	PASS
				RB1#50	5.66	13	PASS
				RB1#99	5.79	13	PASS
				RB50#0	6.17	13	PASS
				RB50#25	6.22	13	PASS
				RB50#50	6.09	13	PASS
			HCH	RB100#0	6.42	13	PASS
				RB1#0	5.66	13	PASS
				RB1#50	5.29	13	PASS
				RB1#99	5.49	13	PASS
				RB50#0	6.19	13	PASS
				RB50#25	6.14	13	PASS
			LCH	RB50#50	6.22	13	PASS
				RB100#0	6.52	13	PASS
	RB1#0	5.16		13	PASS		
	RB1#3	5.34		13	PASS		
	RB1#5	5.51		13	PASS		
	RB3#0	5.53		13	PASS		
	RB3#2	5.61		13	PASS		
	RB3#3	5.71		13	PASS		
	RB6#0	6.35		13	PASS		
	MCH	RB1#0		5.96	13	PASS	
		RB1#3		5.93	13	PASS	
		RB1#5		6	13	PASS	
		RB3#0	6.44	13	PASS		
		RB3#2	6.47	13	PASS		
RB3#3		6.48	13	PASS			
RB6#0		6.55	13	PASS			
HCH	RB1#0	5.48	13	PASS			
	RB1#3	5.59	13	PASS			
	RB1#5	5.47	13	PASS			
	RB3#0	6.29	13	PASS			
	RB3#2	6.39	13	PASS			
	RB3#3	6.3	13	PASS			
	RB6#0	6.85	13	PASS			
LCH	1.4			RB1#0	5.16	13	PASS
				RB1#3	5.34	13	PASS
				RB1#5	5.51	13	PASS
				RB3#0	5.53	13	PASS
				RB3#2	5.61	13	PASS
				RB3#3	5.71	13	PASS
MCH	1.4			RB6#0	6.35	13	PASS
				RB1#0	5.96	13	PASS
				RB1#3	5.93	13	PASS
				RB1#5	6	13	PASS
				RB3#0	6.44	13	PASS
				RB3#2	6.47	13	PASS
				RB3#3	6.48	13	PASS
HCH	1.4			RB6#0	6.55	13	PASS
				RB1#0	5.48	13	PASS
				RB1#3	5.59	13	PASS
				RB1#5	5.47	13	PASS
				RB3#0	6.29	13	PASS
				RB3#2	6.39	13	PASS
				RB3#3	6.3	13	PASS
LCH	1.4			RB6#0	6.85	13	PASS
				RB1#0	5.16	13	PASS
				RB1#3	5.34	13	PASS
				RB1#5	5.51	13	PASS
				RB3#0	5.53	13	PASS
				RB3#2	5.61	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	5.21	13	PASS
				RB1#7	5.47	13	PASS
				RB1#14	5.83	13	PASS
				RB8#0	6.35	13	PASS
				RB8#4	6.41	13	PASS
				RB8#7	6.36	13	PASS
				RB15#0	6.64	13	PASS
			MCH	RB1#0	6.23	13	PASS
				RB1#7	5.83	13	PASS
				RB1#14	6.33	13	PASS
				RB8#0	6.64	13	PASS
				RB8#4	6.73	13	PASS
				RB8#7	6.61	13	PASS
				RB15#0	6.7	13	PASS
		HCH	RB1#0	5.66	13	PASS	
			RB1#7	5.46	13	PASS	
			RB1#14	5.76	13	PASS	
			RB8#0	6.35	13	PASS	
			RB8#4	6.55	13	PASS	
			RB8#7	6.46	13	PASS	
		5	LCH	RB1#0	5.29	13	PASS
				RB1#13	5.87	13	PASS
				RB1#24	5.81	13	PASS
				RB12#0	6.36	13	PASS
				RB12#6	6.36	13	PASS
				RB12#13	6.29	13	PASS
				RB25#0	6.42	13	PASS
			MCH	RB1#0	5.78	13	PASS
RB1#13	5.83			13	PASS		
RB1#24	5.88			13	PASS		
RB12#0	6.61			13	PASS		
RB12#6	6.69			13	PASS		
RB12#13	6.63			13	PASS		
HCH	RB25#0		7.21	13	PASS		
	RB1#0	5.82	13	PASS			
	RB1#13	5.71	13	PASS			
	RB1#24	5.71	13	PASS			
			RB12#0	6.89	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	6.51	13	PASS
				RB12#13	6.41	13	PASS
				RB25#0	6.87	13	PASS
			LCH	RB1#0	5.24	13	PASS
				RB1#25	5.53	13	PASS
				RB1#49	5.79	13	PASS
				RB25#0	6.54	13	PASS
				RB25#13	6.36	13	PASS
				RB25#25	6.28	13	PASS
		RB50#0		6.85	13	PASS	
		MCH	RB1#0	5.83	13	PASS	
			RB1#25	5.93	13	PASS	
			RB1#49	5.87	13	PASS	
			RB25#0	6.65	13	PASS	
			RB25#13	6.81	13	PASS	
			RB25#25	6.56	13	PASS	
		HCH	RB50#0	7.02	13	PASS	
			RB1#0	5.6	13	PASS	
			RB1#25	5.57	13	PASS	
			RB1#49	5.68	13	PASS	
			RB25#0	6.82	13	PASS	
			RB25#13	6.76	13	PASS	
		15	LCH	RB25#25	6.56	13	PASS
				RB50#0	7.02	13	PASS
				RB1#0	5.37	13	PASS
				RB1#38	5.66	13	PASS
				RB1#74	6.06	13	PASS
				RB38#0	6.53	13	PASS
			MCH	RB38#19	6.41	13	PASS
				RB38#39	6.64	13	PASS
RB75#0	7.12			13	PASS		
RB1#0	6.11			13	PASS		
RB1#38	6.37			13	PASS		
RB1#74	6.44			13	PASS		
RB38#0	6.82			13	PASS		
HCH	RB38#19		6.97	13	PASS		
	RB38#39		6.7	13	PASS		
			HCH	RB75#0	7.13	13	PASS
				RB1#0	5.67	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB1#38	5.5	13	PASS		
				RB1#74	5.73	13	PASS		
				RB38#0	6.95	13	PASS		
				RB38#19	6.97	13	PASS		
				RB38#39	6.64	13	PASS		
				RB75#0	7.24	13	PASS		
				20	LCH	RB1#0	5.71	13	PASS
						RB1#50	5.65	13	PASS
						RB1#99	6.28	13	PASS
						RB50#0	6.68	13	PASS
						RB50#25	6.61	13	PASS
						RB50#50	6.92	13	PASS
		RB100#0	7			13	PASS		
		MCH	RB1#0			6.21	13	PASS	
			RB1#50			6.29	13	PASS	
			RB1#99			6.48	13	PASS	
			RB50#0			6.86	13	PASS	
			RB50#25			7.09	13	PASS	
			RB50#50	6.75	13	PASS			
		HCH	RB100#0	7.18	13	PASS			
			RB1#0	6.53	13	PASS			
			RB1#50	6.1	13	PASS			
			RB1#99	6.39	13	PASS			
			RB50#0	6.96	13	PASS			
			RB50#25	6.92	13	PASS			
						RB50#50	7.03	13	PASS
						RB100#0	7.44	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

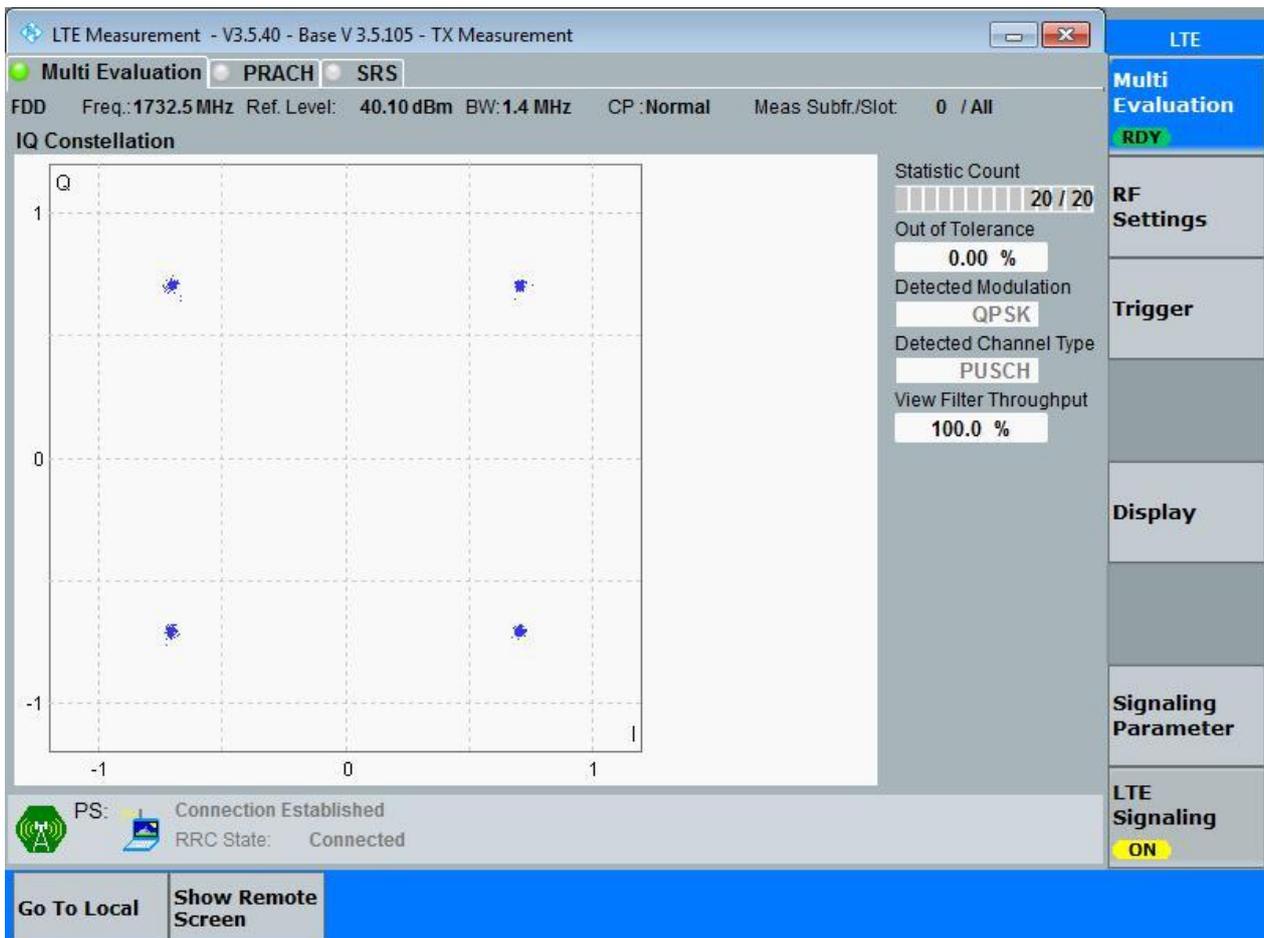
3.1.1 Test Band = BAND4

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

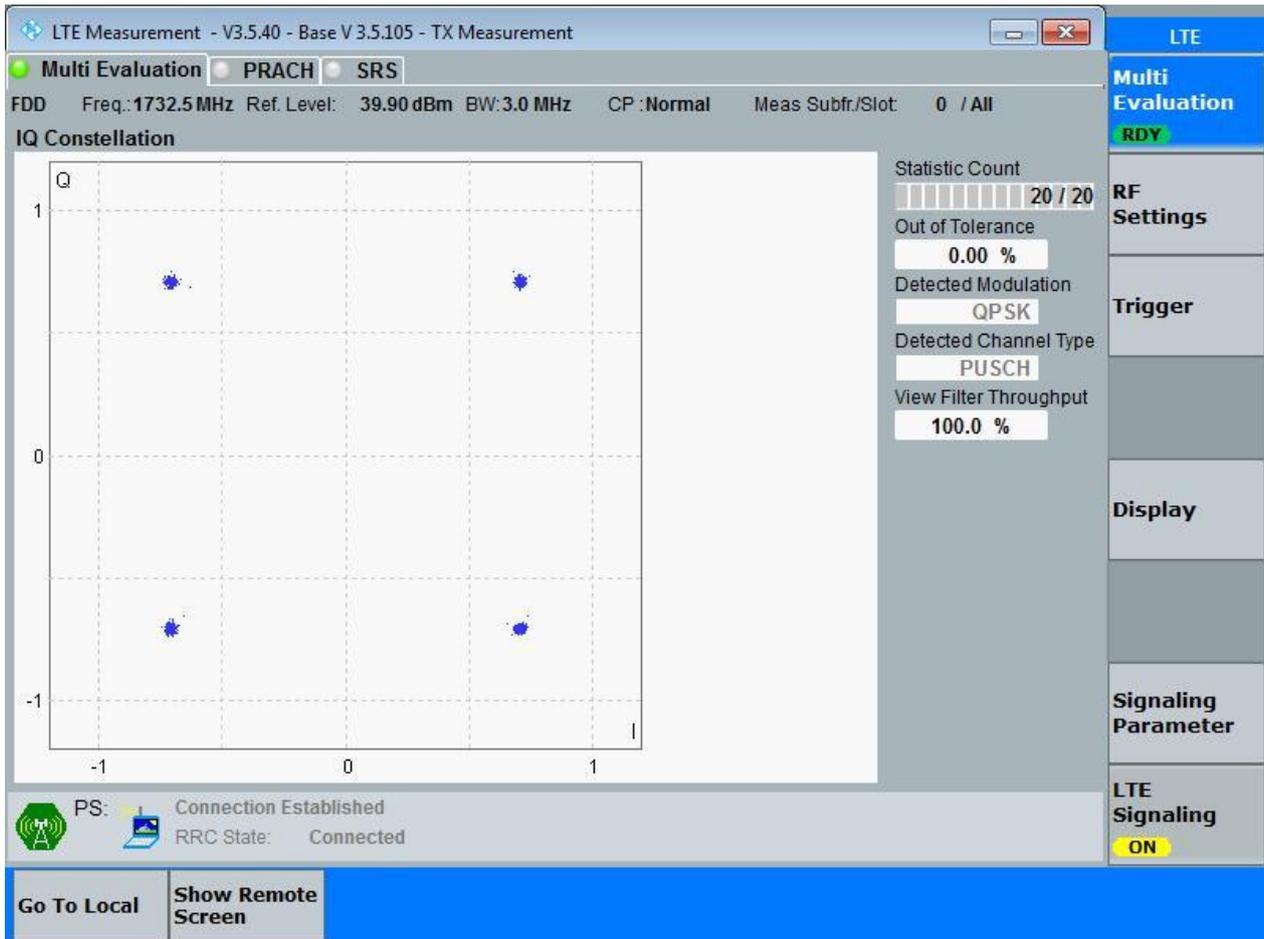
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

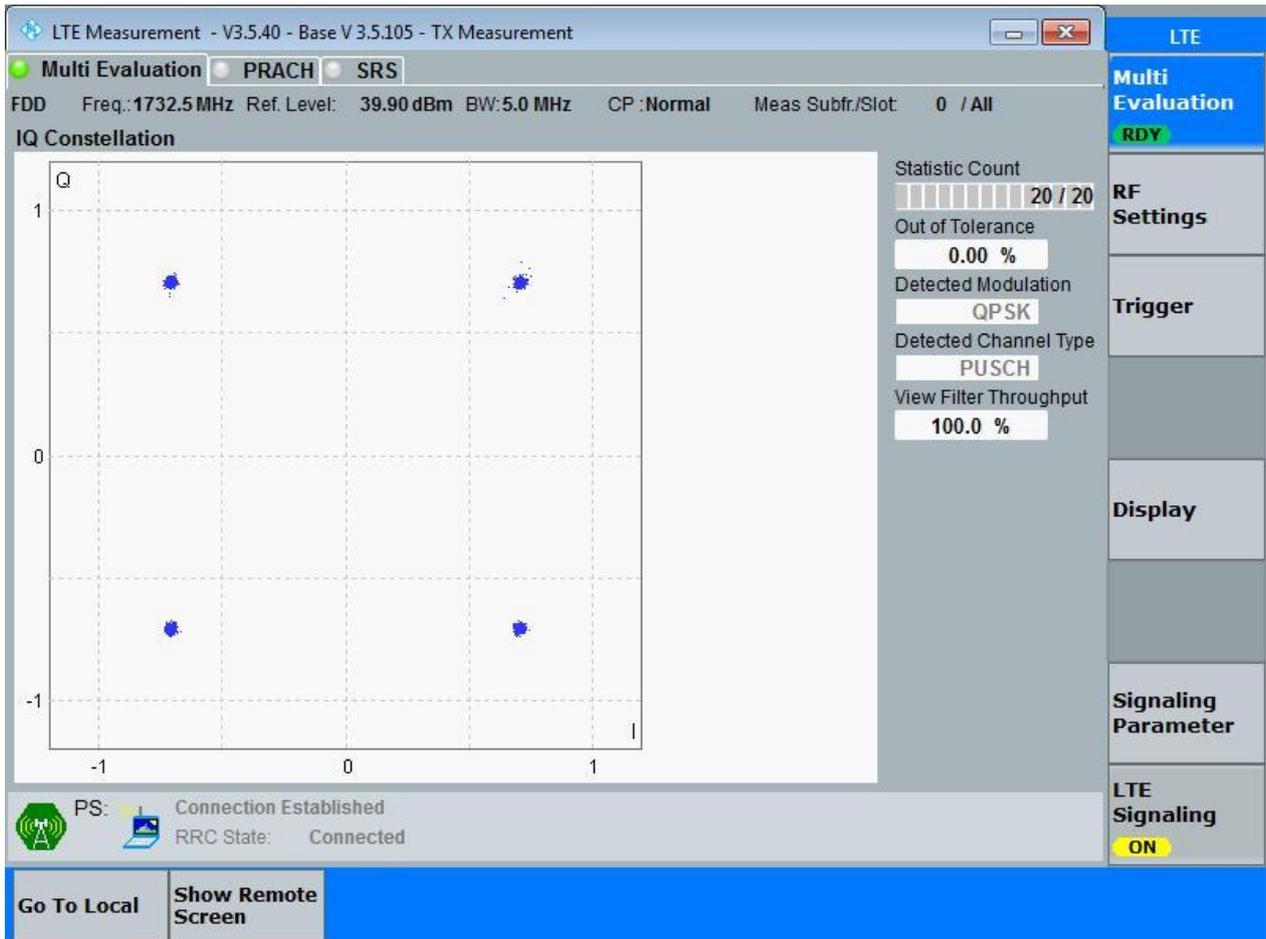
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

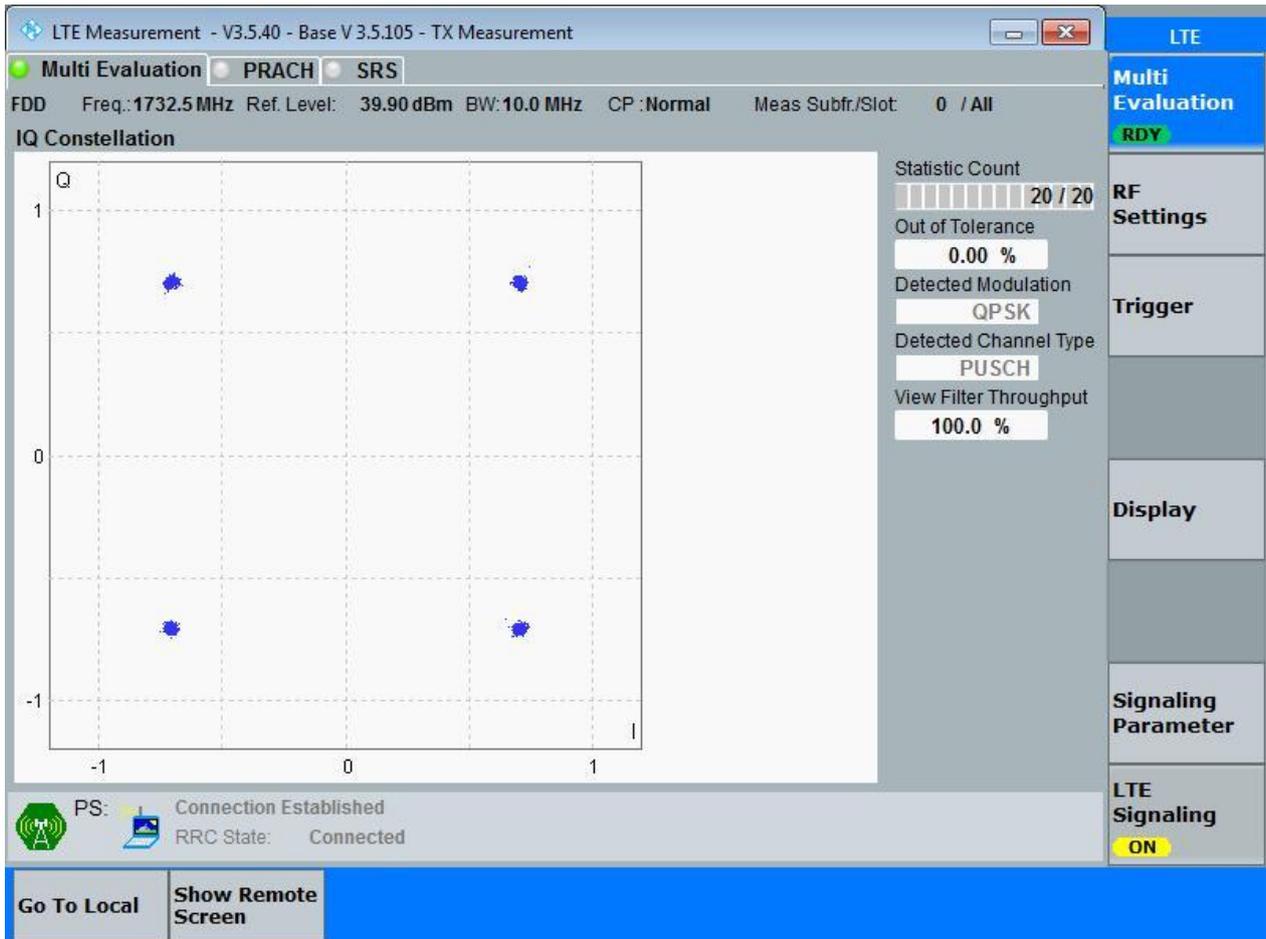
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

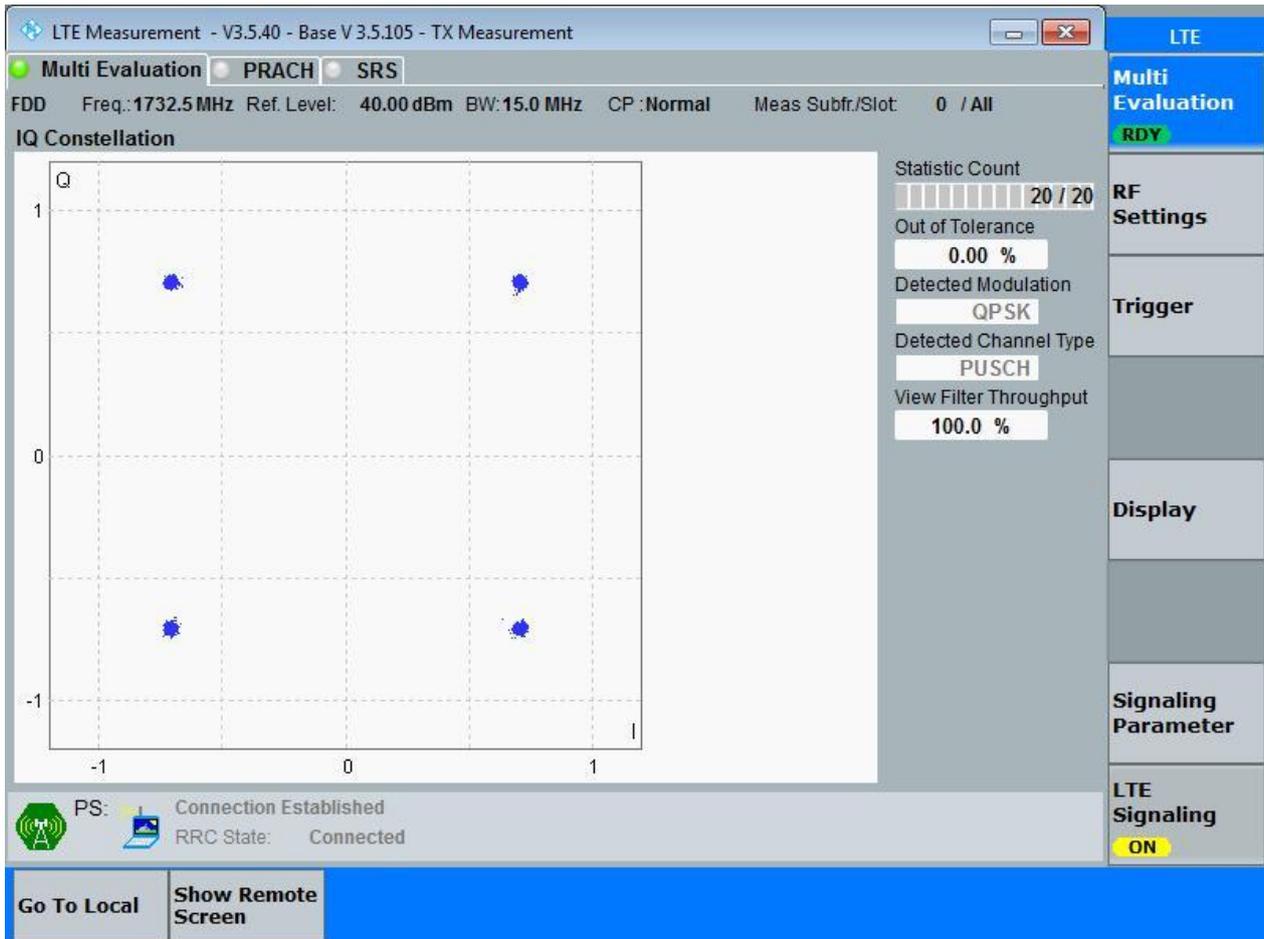
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

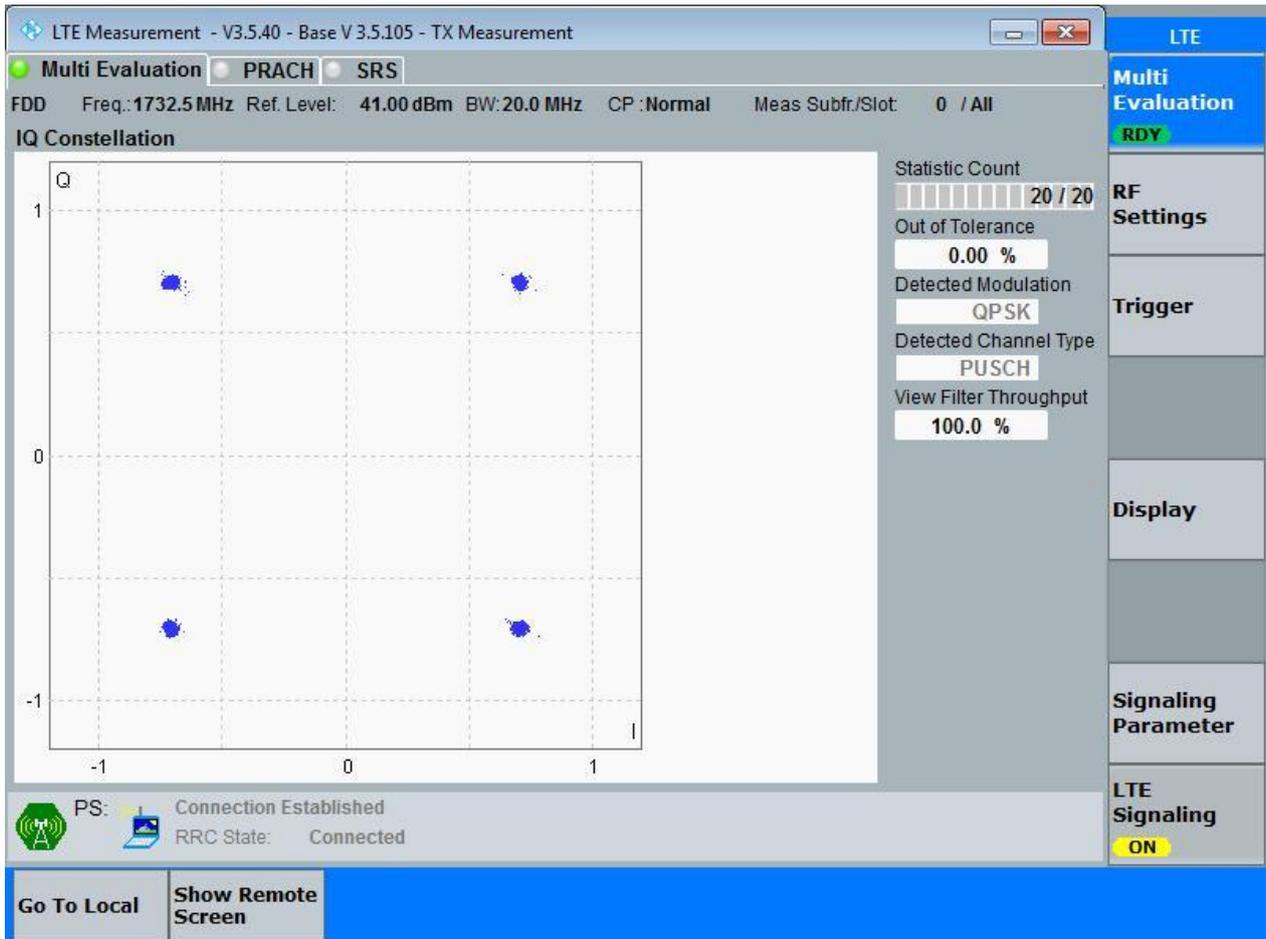
3.1.1.1.5.1.1 Test RB = RB75#0



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

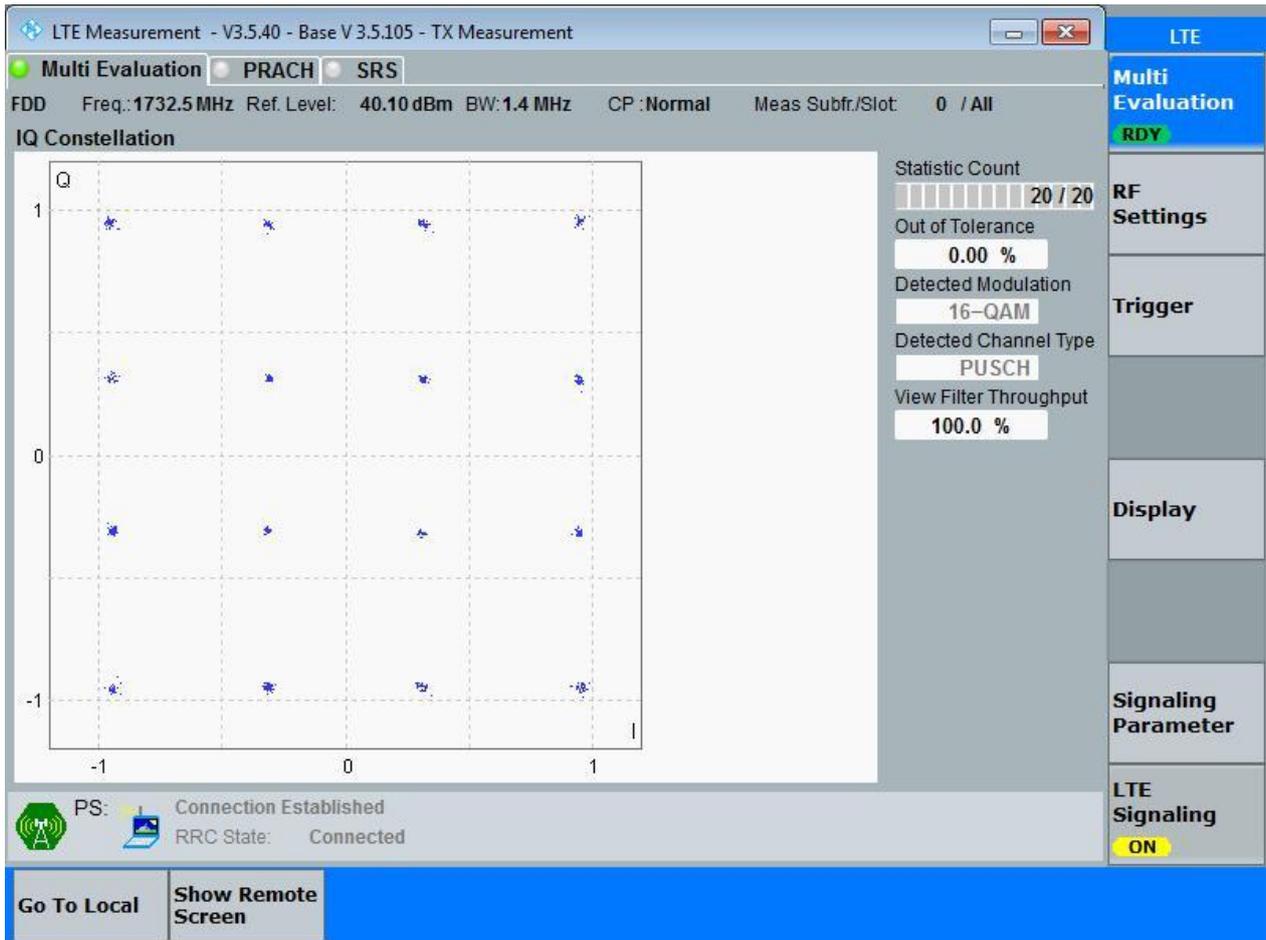


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

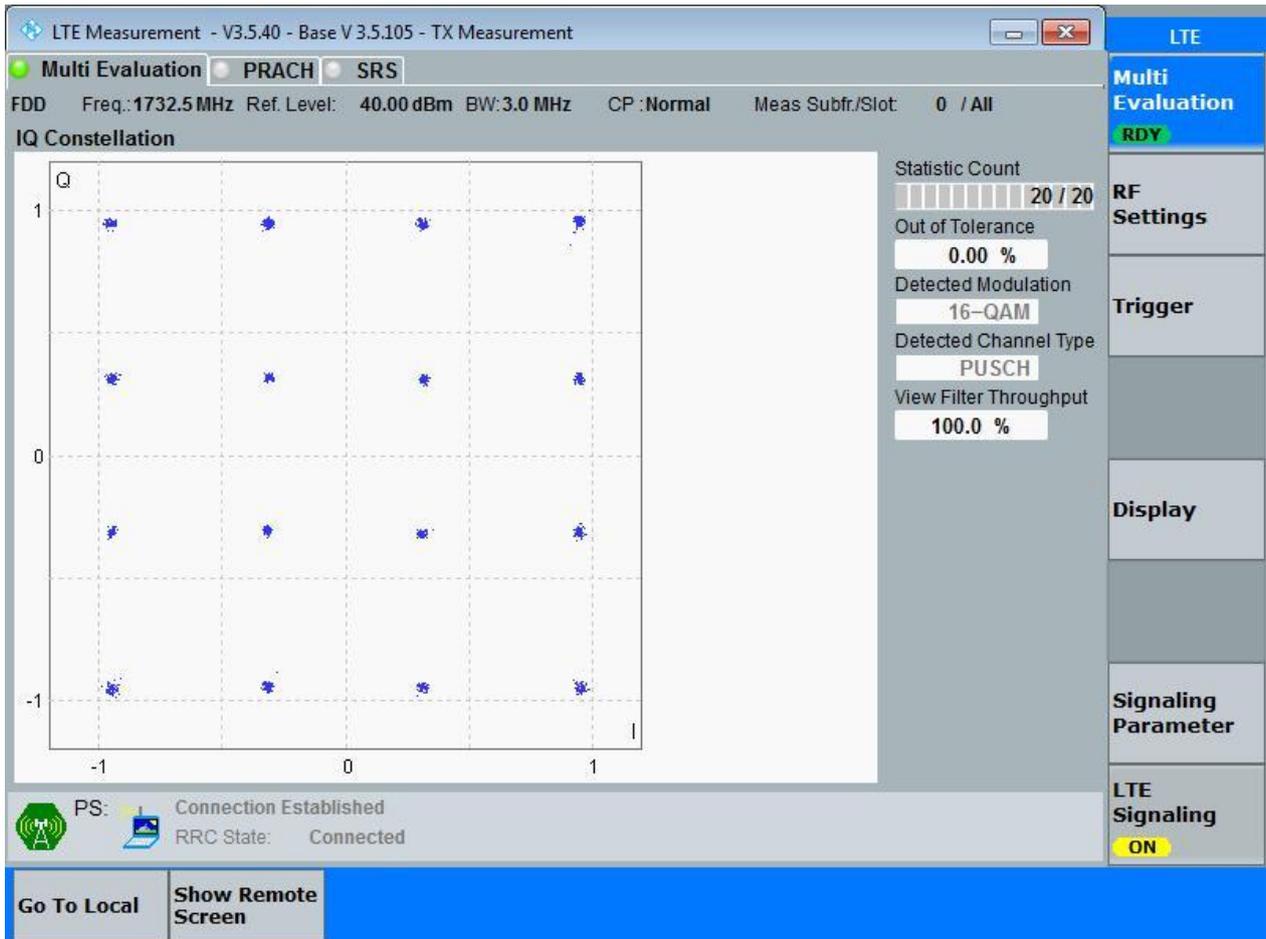
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

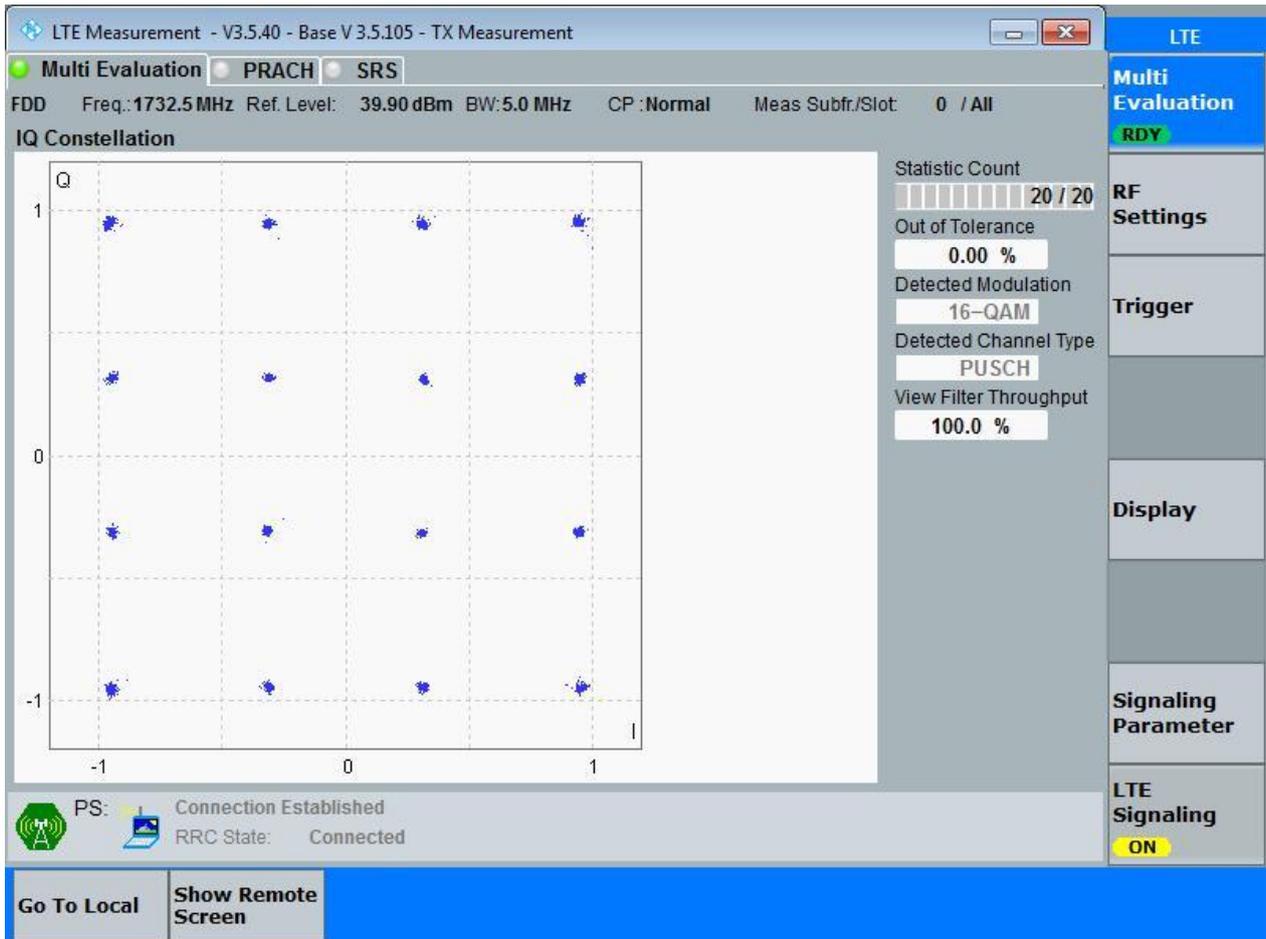
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

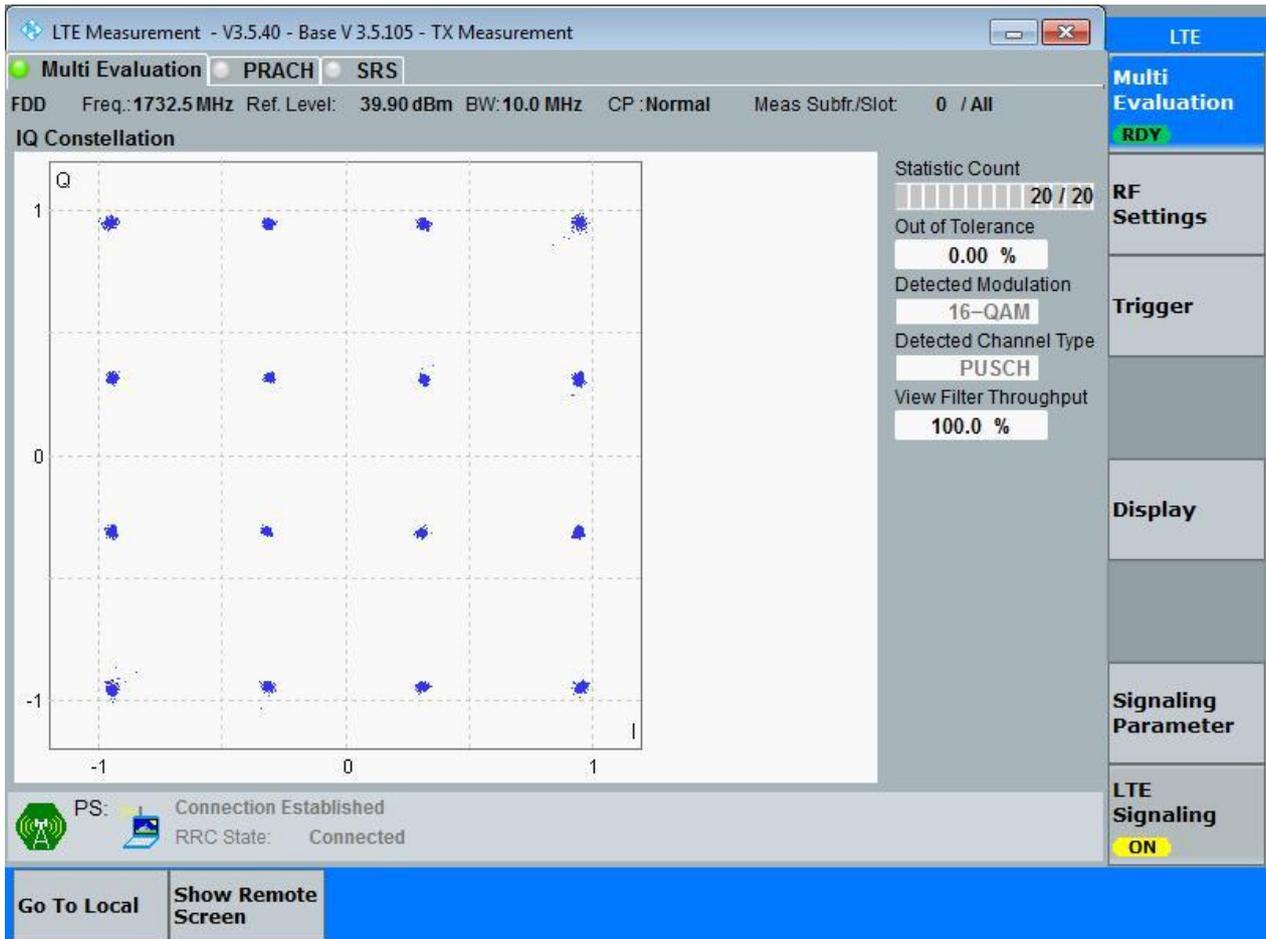
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

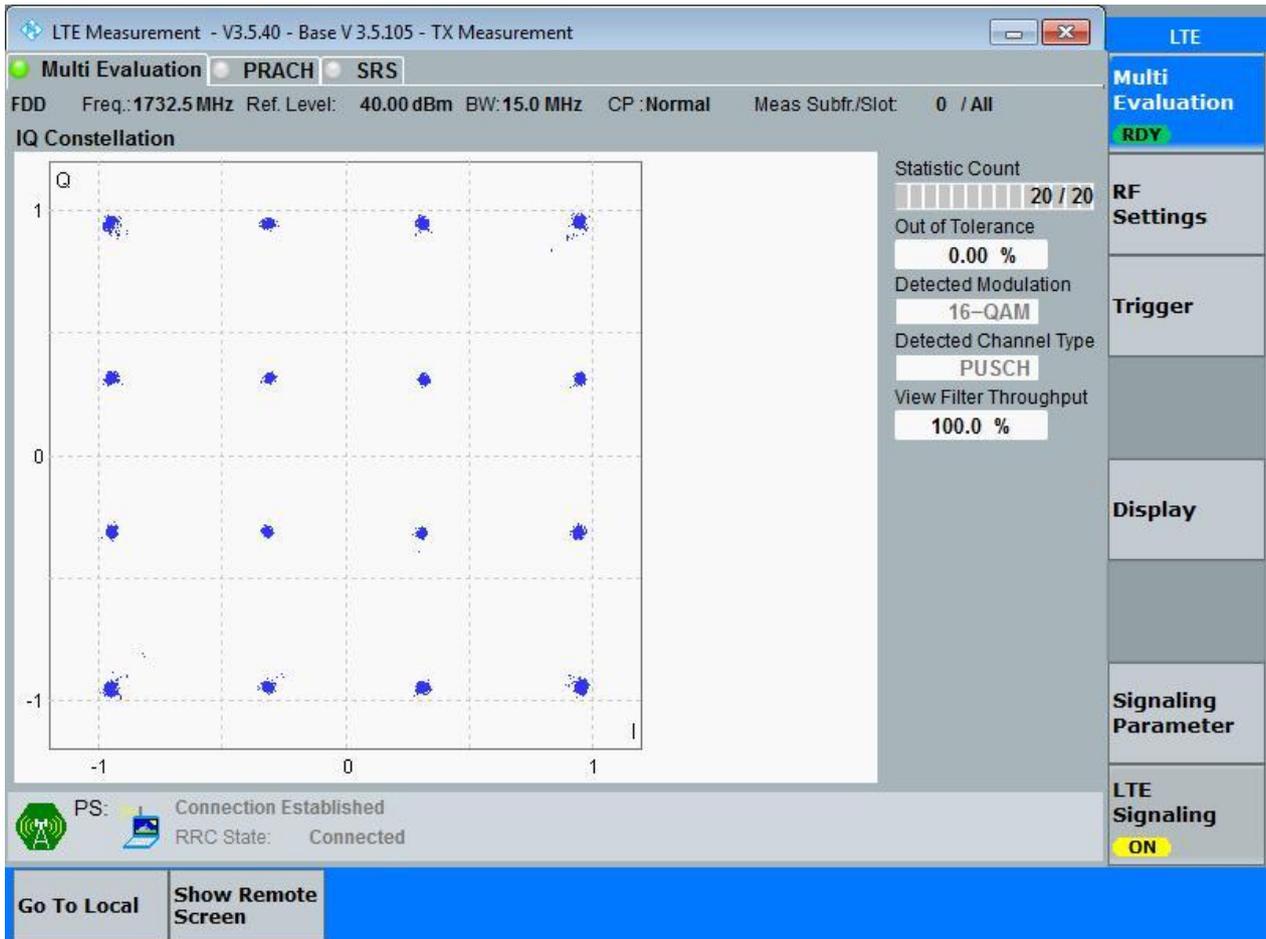
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

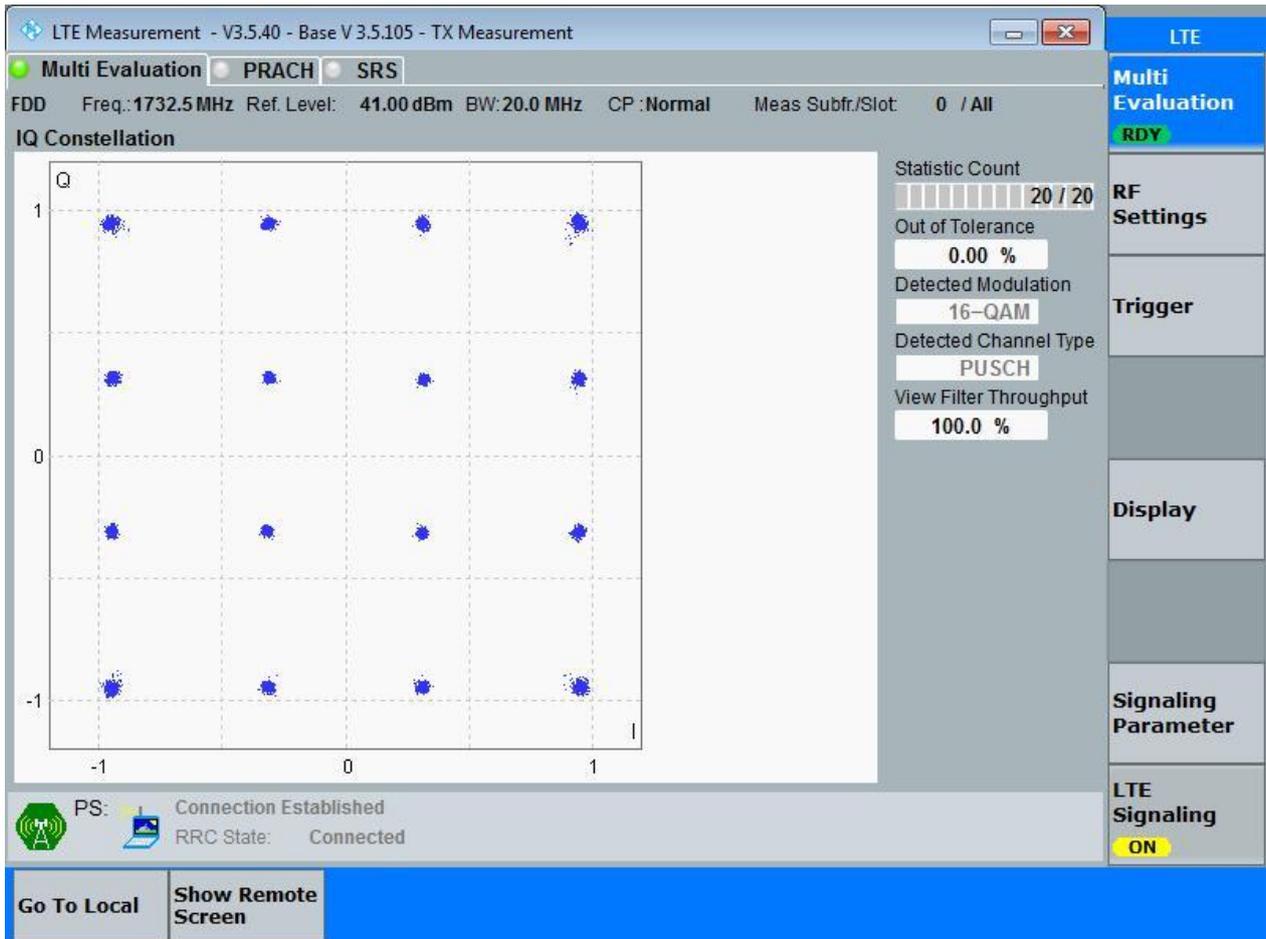
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.23	Pass
		3	LCH	RB15#0	2.70	2.95	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.71	2.93	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.90	Pass
		10	LCH	RB50#0	9.02	9.65	Pass
			MCH	RB50#0	8.98	9.61	Pass
			HCH	RB50#0	9.00	9.62	Pass
		15	LCH	RB75#0	13.52	14.43	Pass
			MCH	RB75#0	13.47	14.36	Pass
			HCH	RB75#0	13.49	14.39	Pass
		20	LCH	RB100#0	17.99	19.08	Pass
			MCH	RB100#0	17.95	19.07	Pass
			HCH	RB100#0	17.97	19.11	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	1.22	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.71	2.93	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.87	Pass
10		LCH	RB50#0	9.00	9.64	Pass	
		MCH	RB50#0	8.98	9.64	Pass	
		HCH	RB50#0	8.98	9.64	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.52	14.45	Pass
			MCH	RB75#0	13.47	14.33	Pass
			HCH	RB75#0	13.48	14.39	Pass
		20	LCH	RB100#0	17.99	19.10	Pass
			MCH	RB100#0	17.94	19.04	Pass
			HCH	RB100#0	17.96	19.08	Pass



Part II - Test Plots

4.1 For LTE

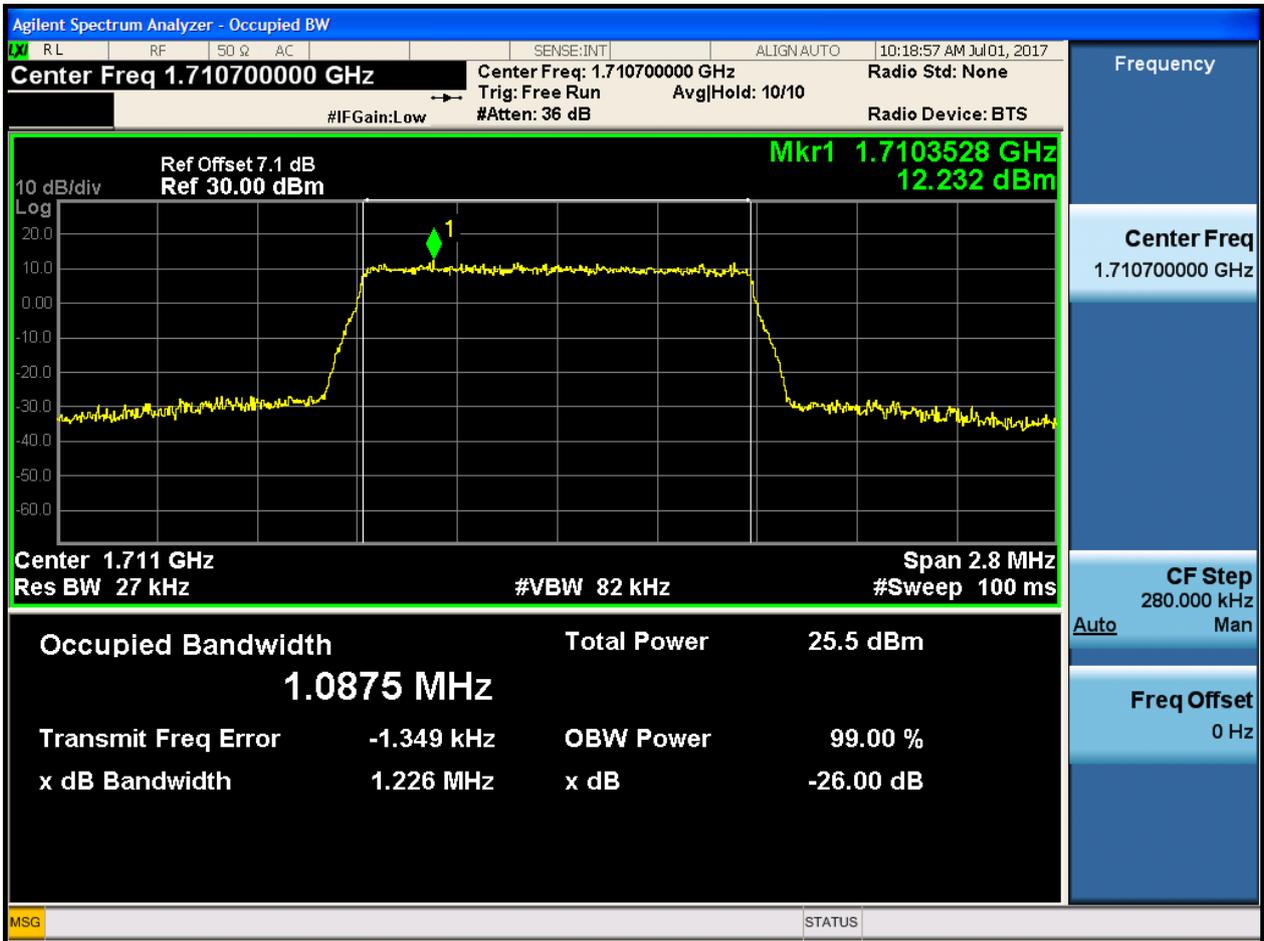
4.1.1 Test Band = BAND4

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

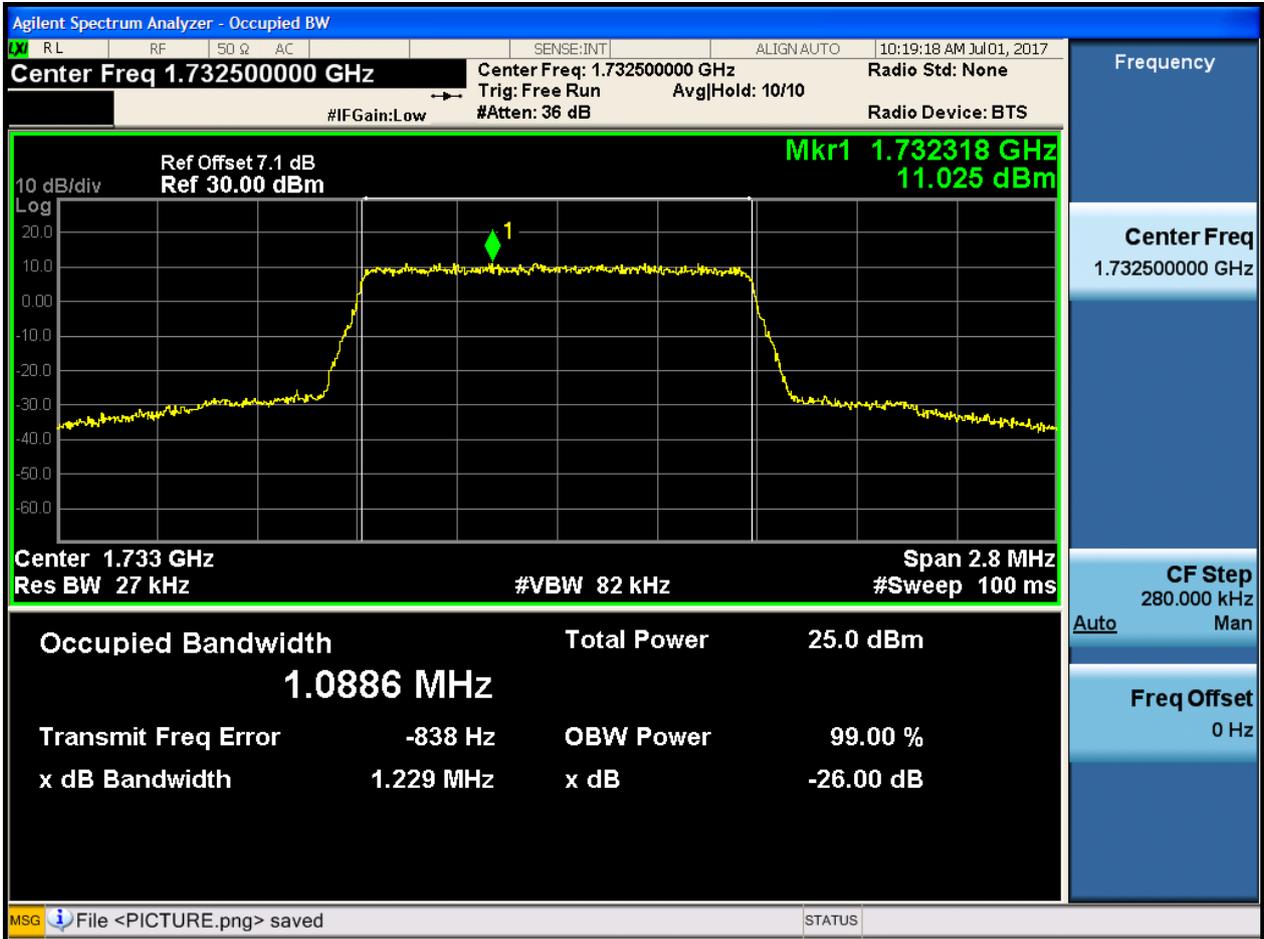
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

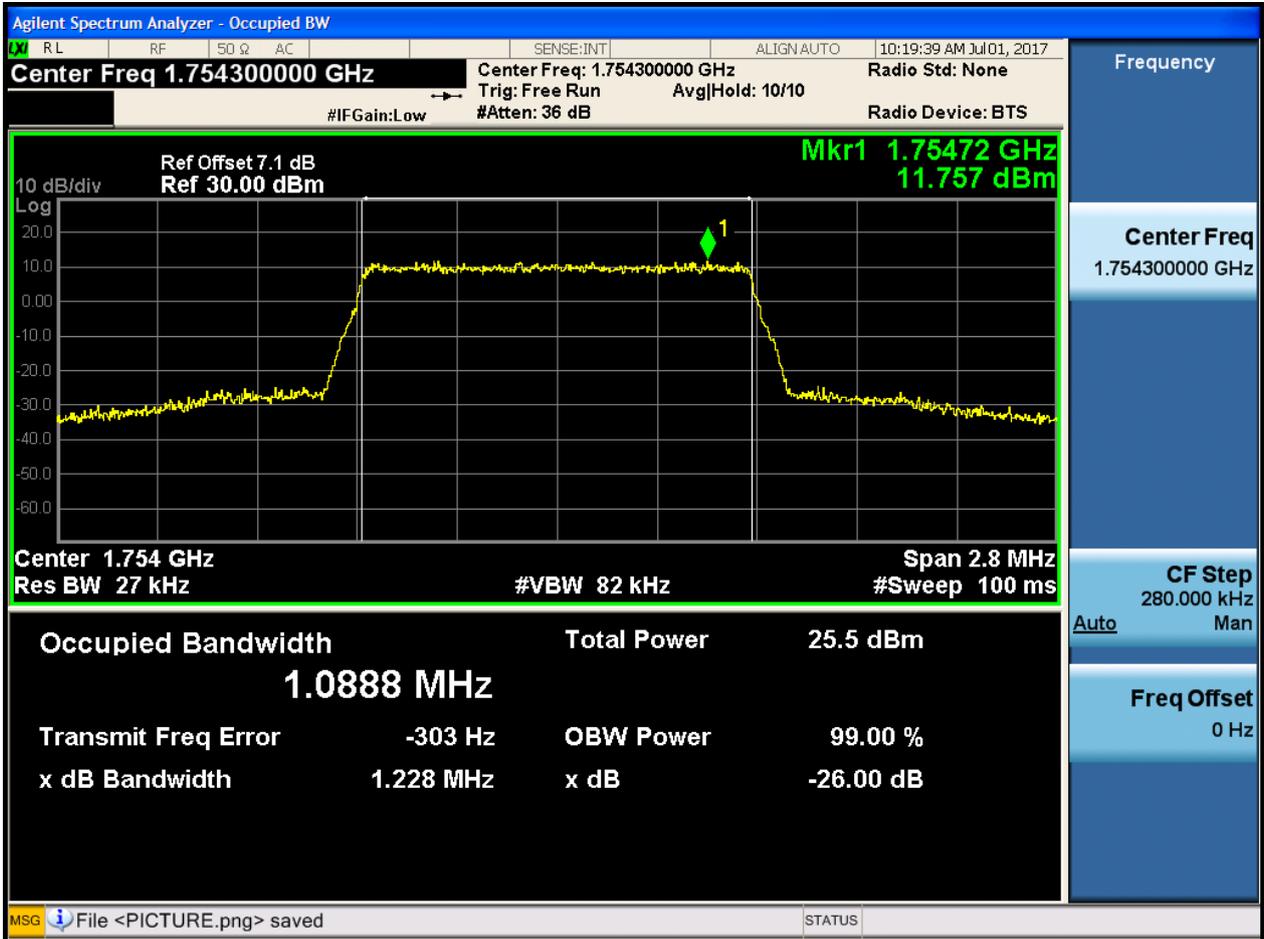
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

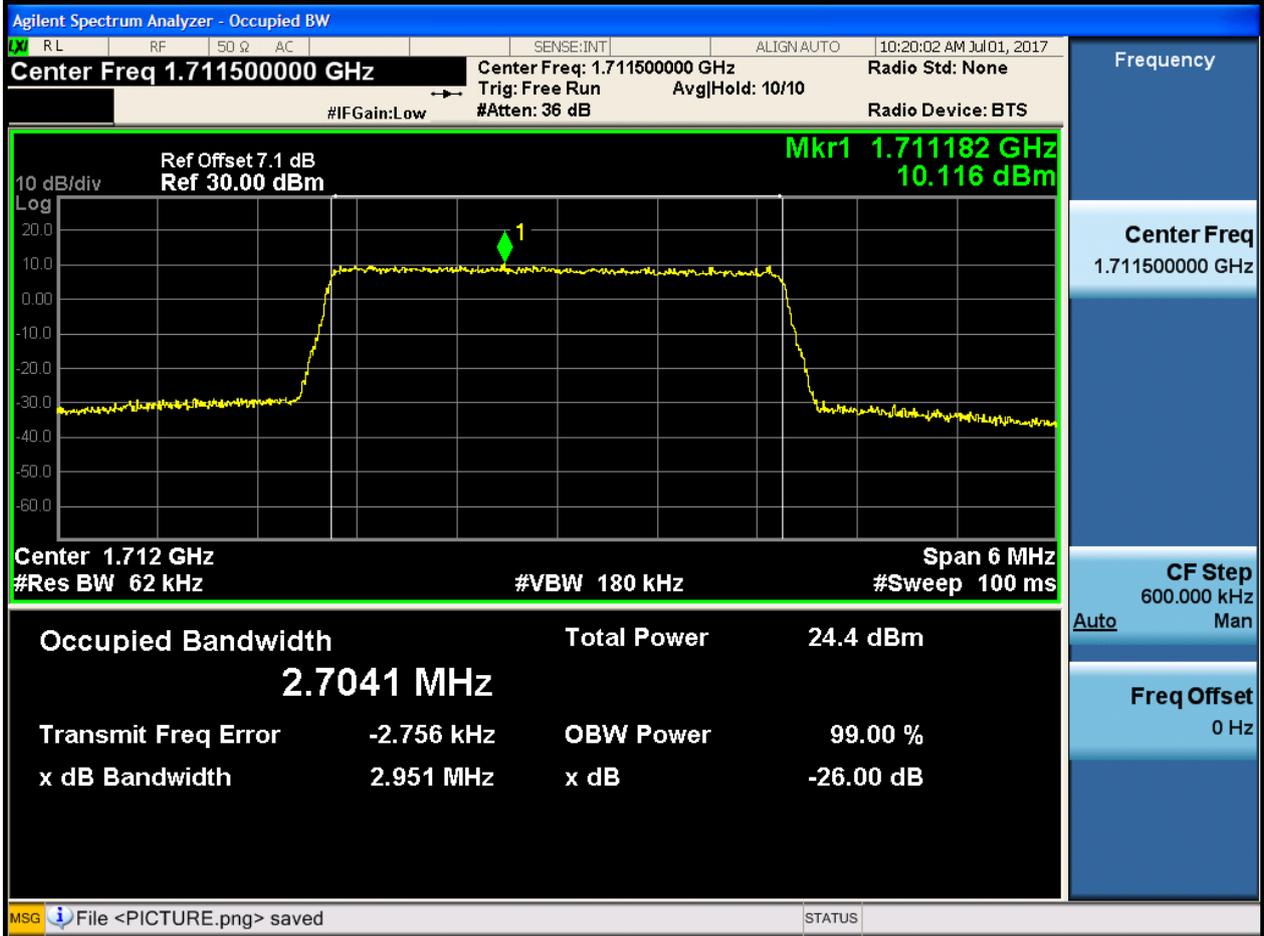




4.1.1.1.2 Test Bandwidth = 3

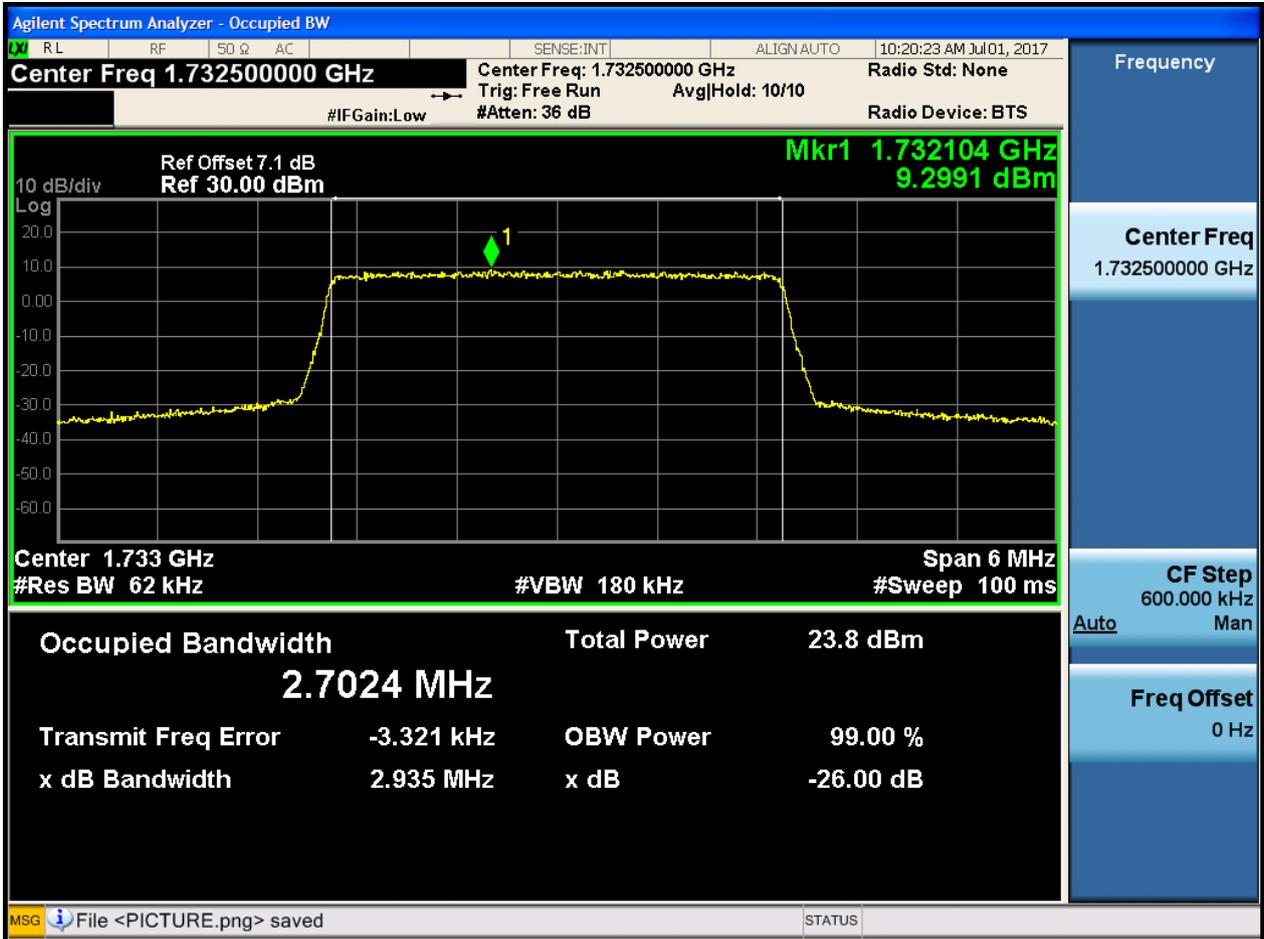
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

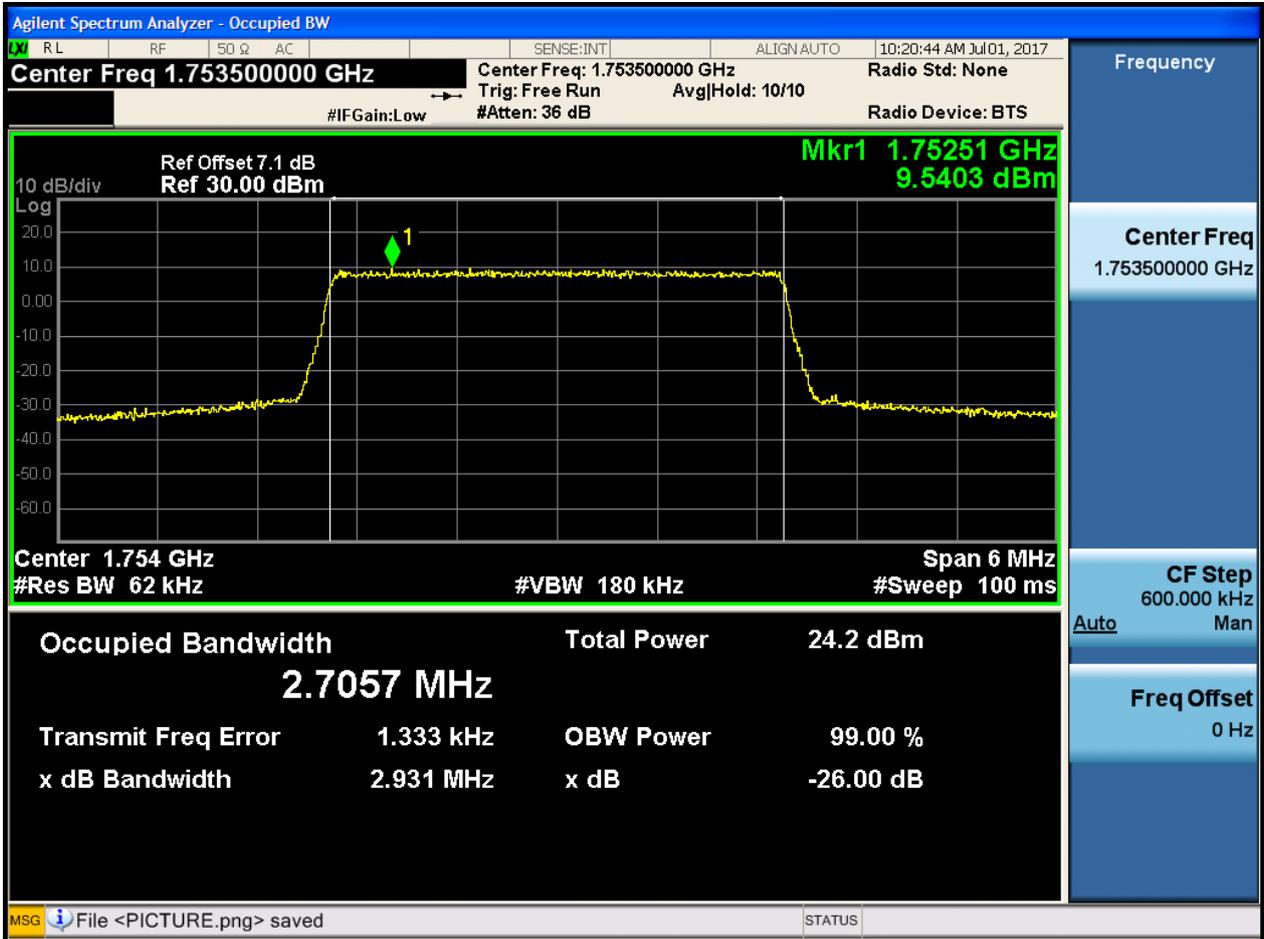
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

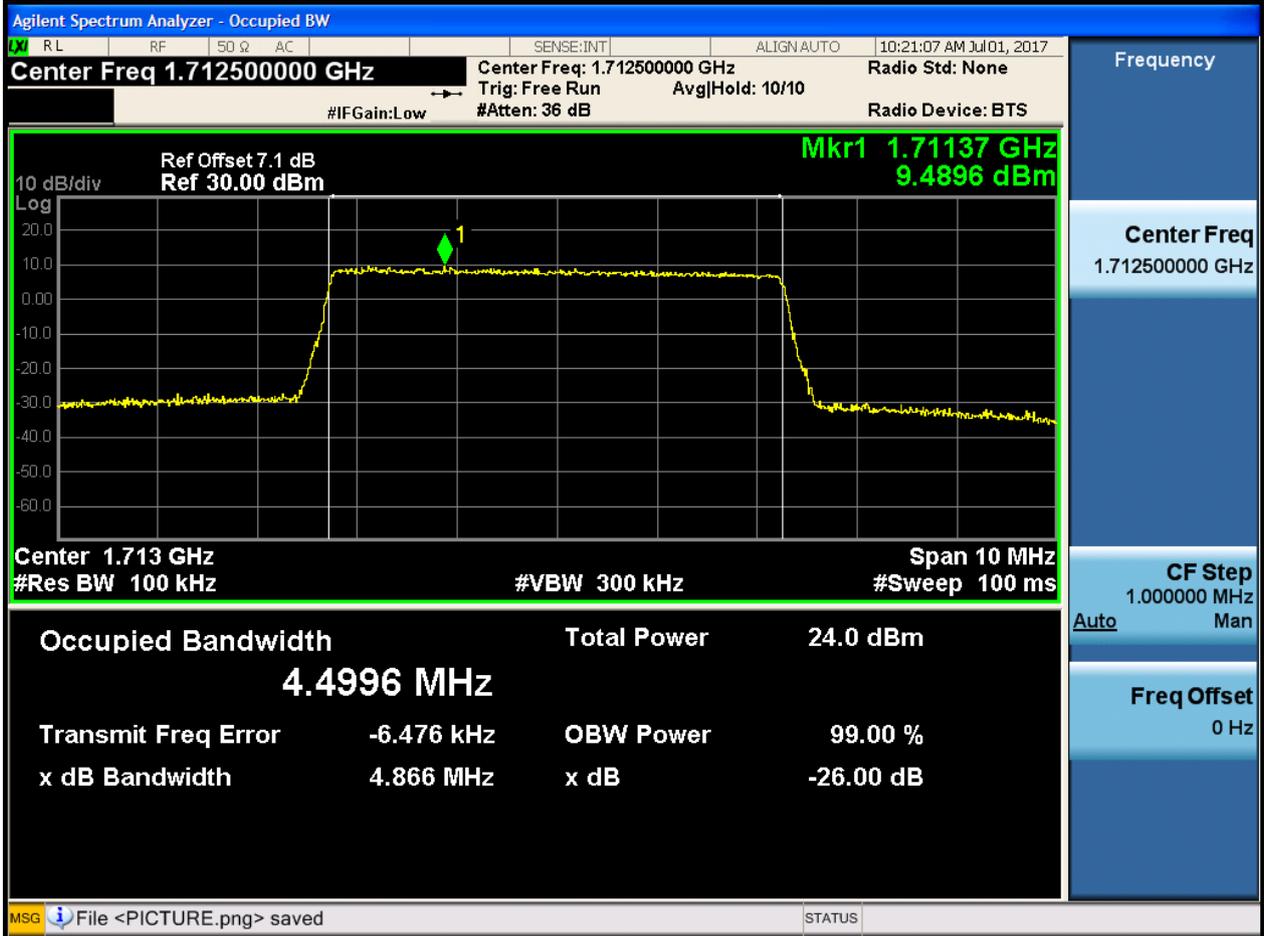




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

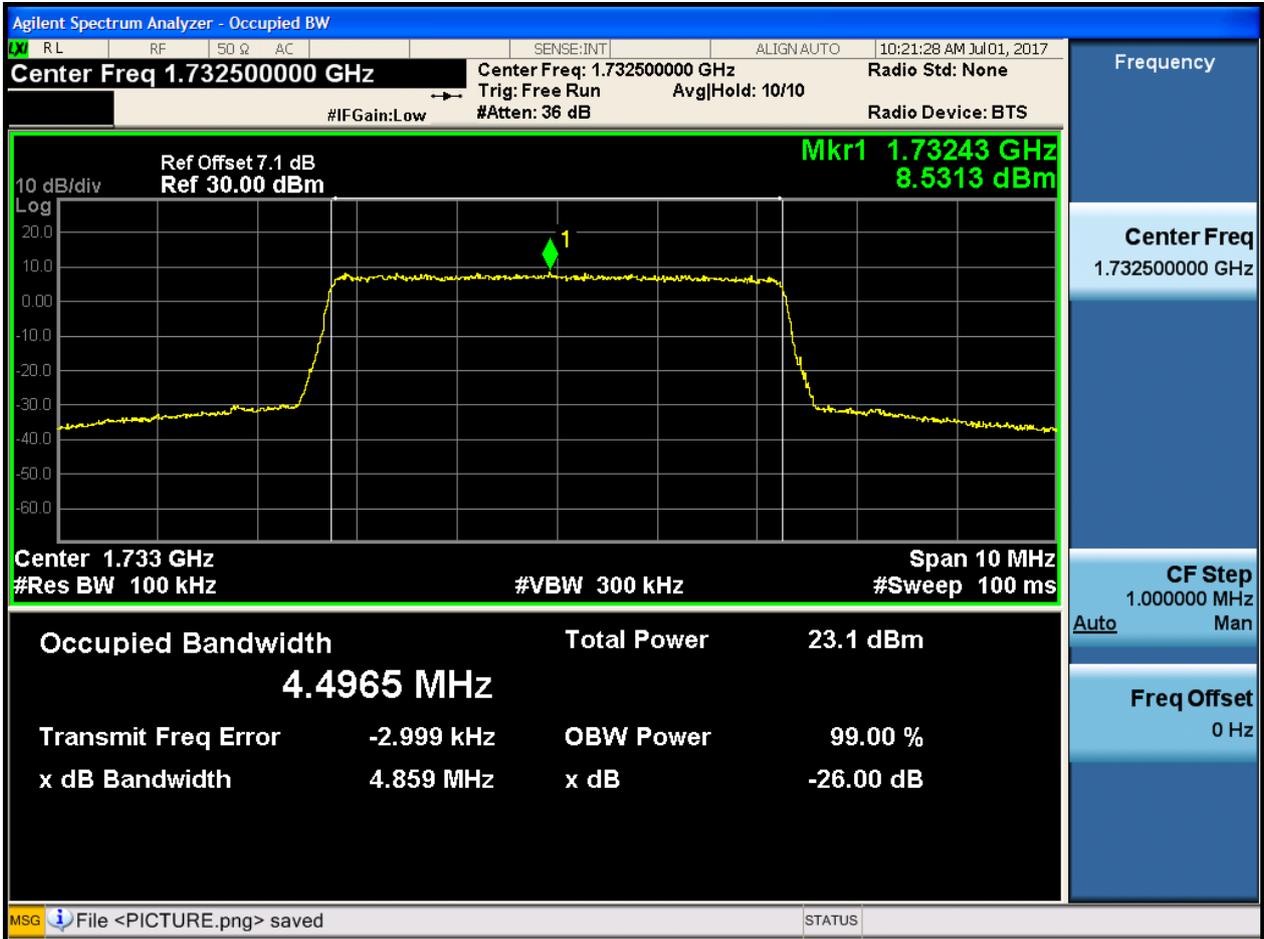
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

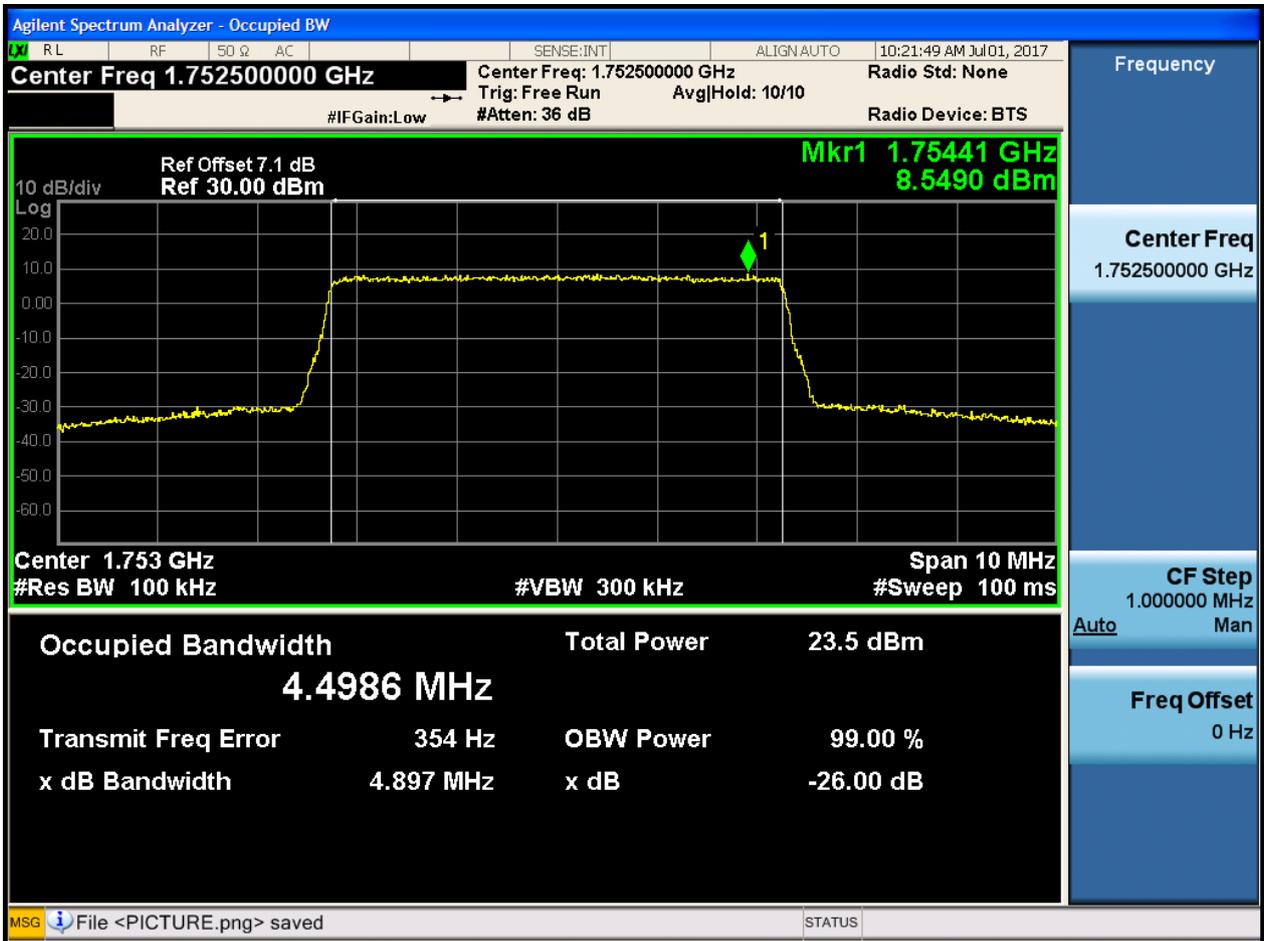
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

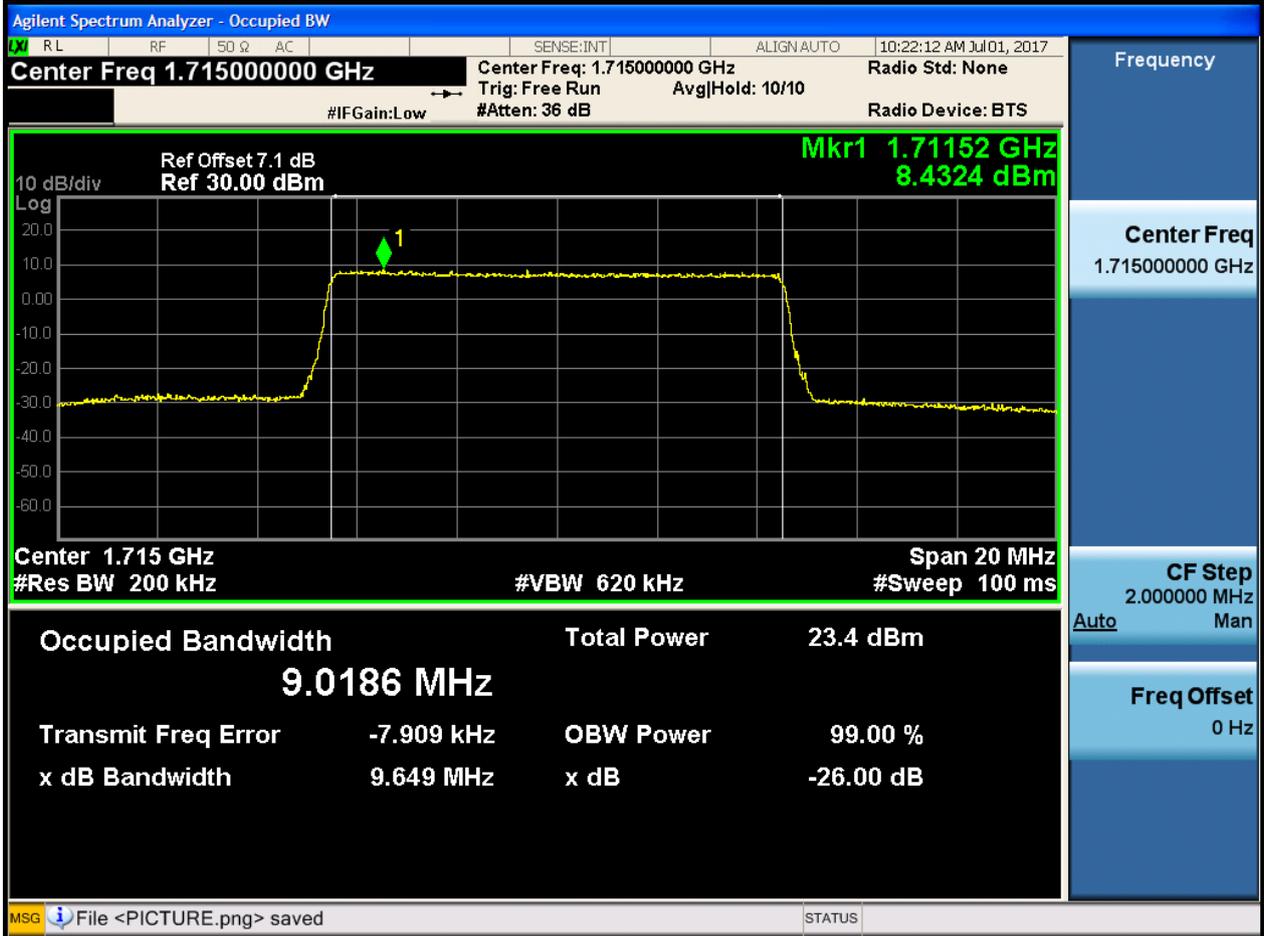




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

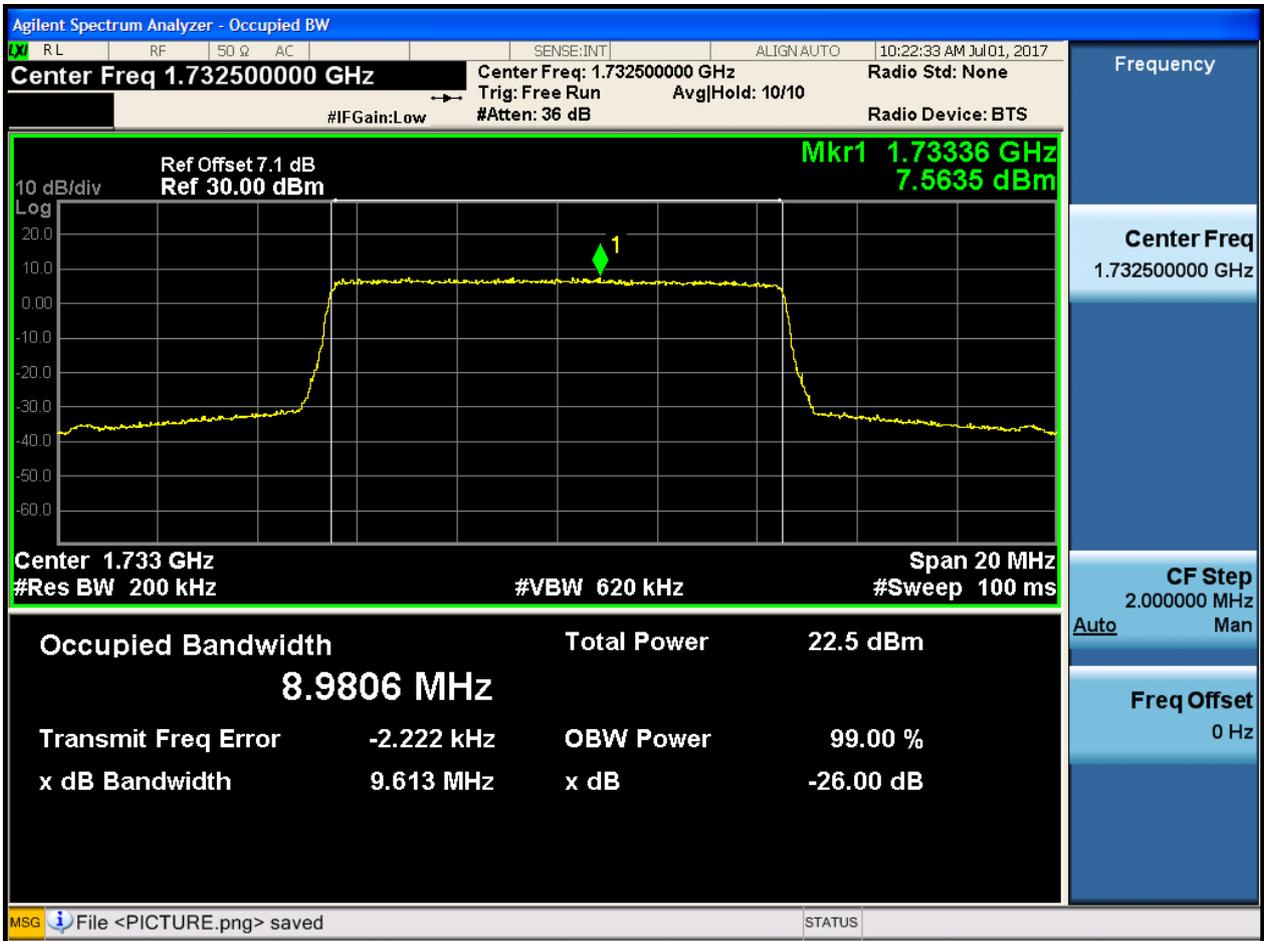
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

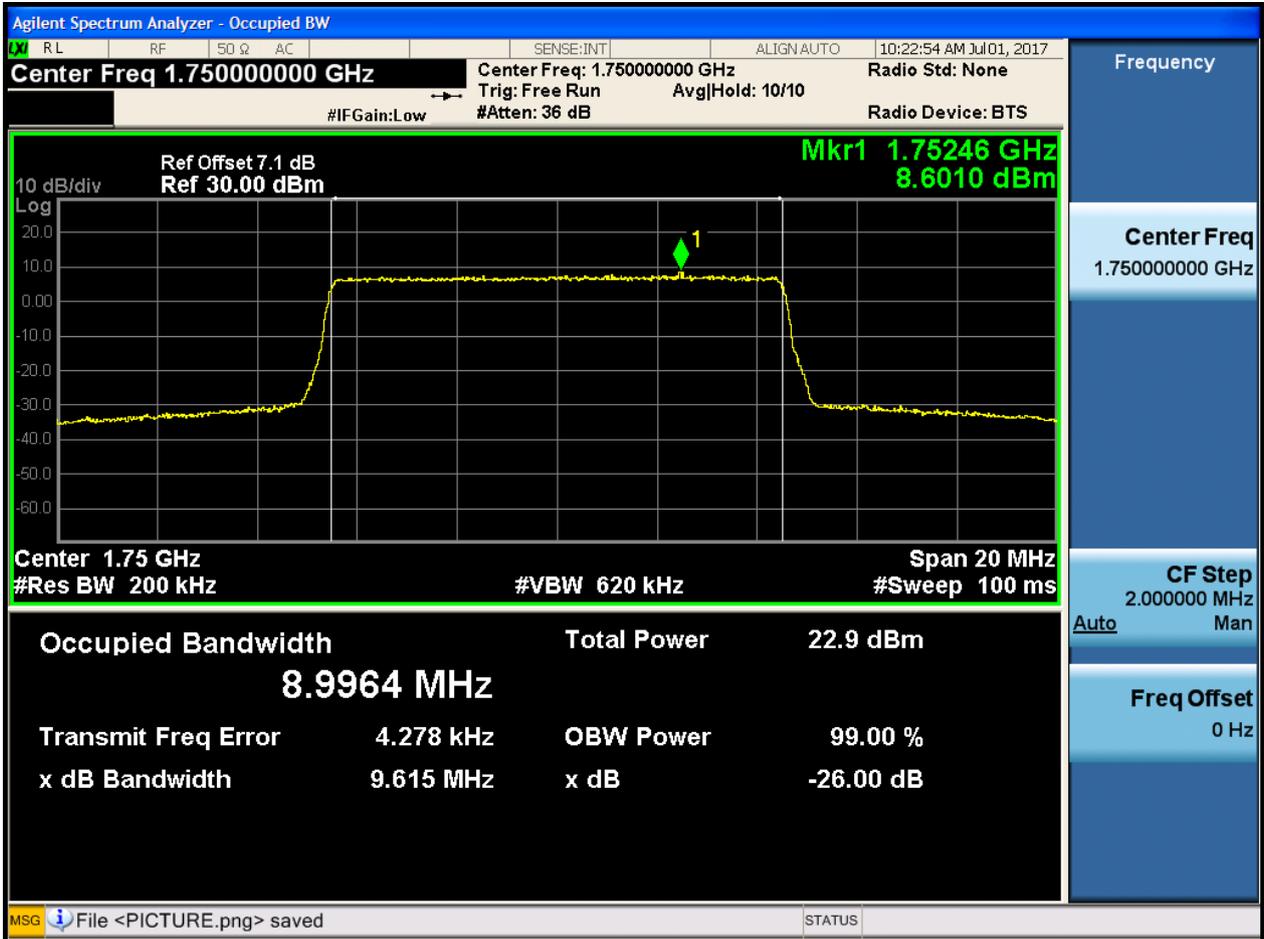
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

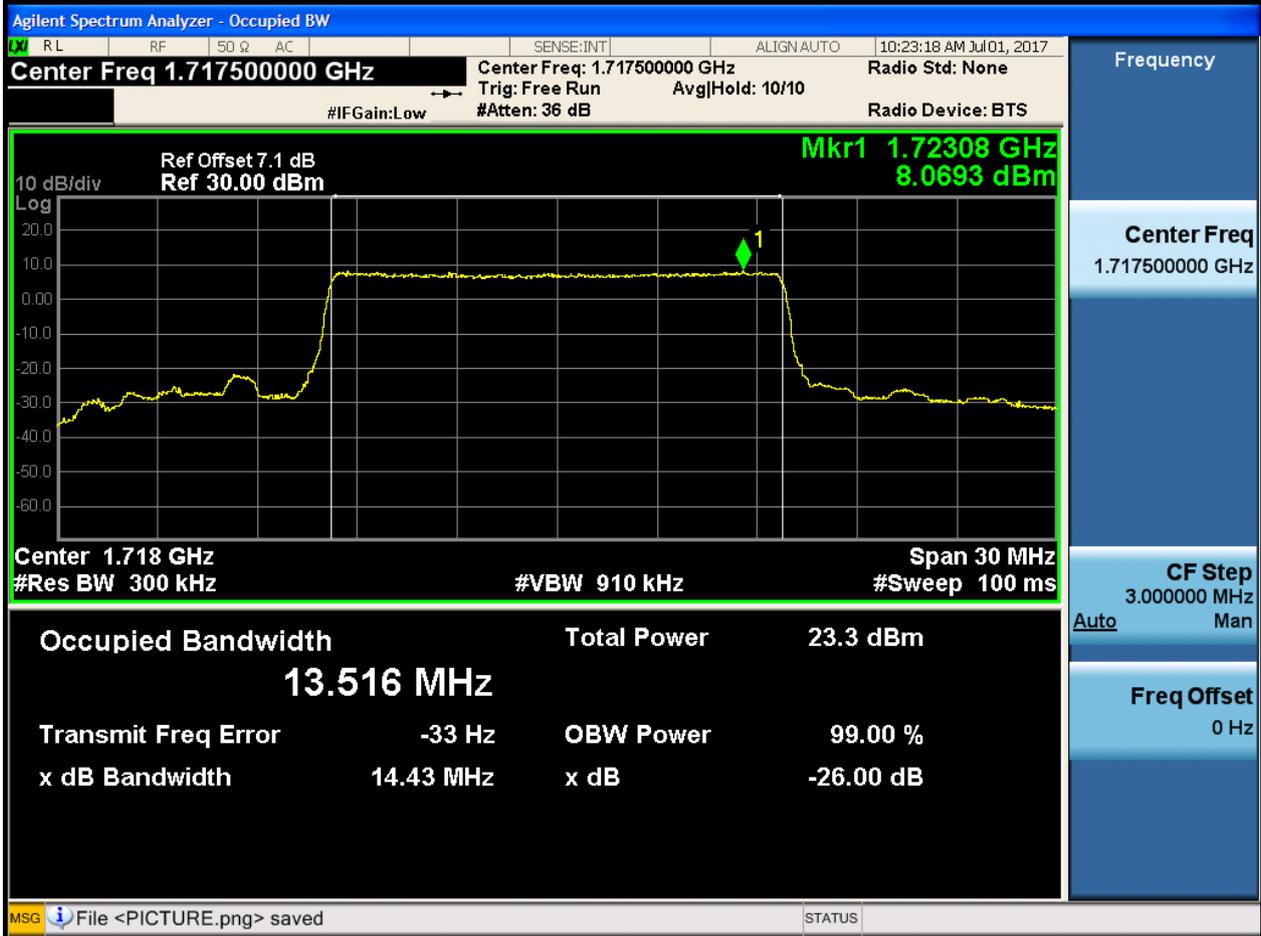




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

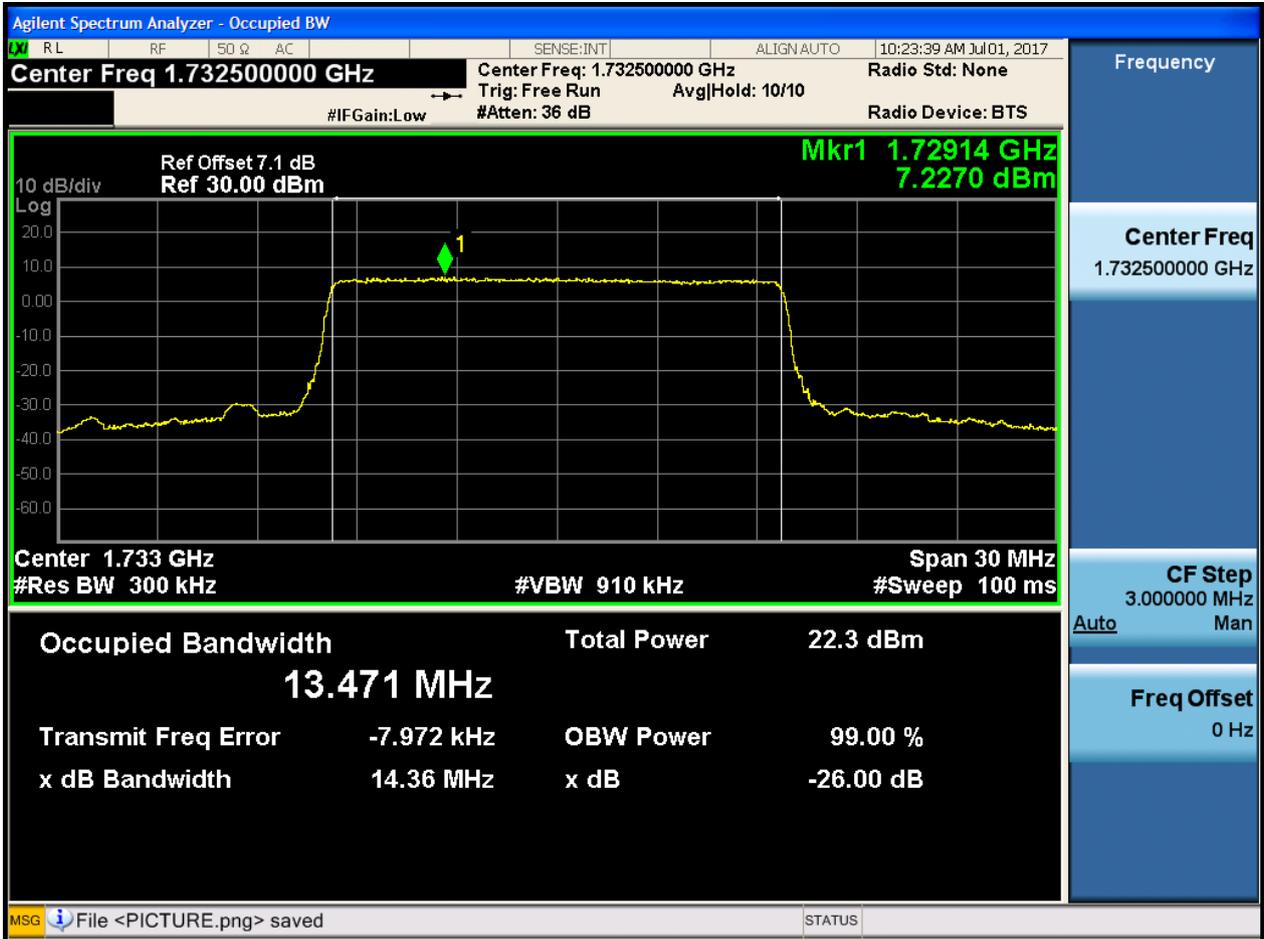
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

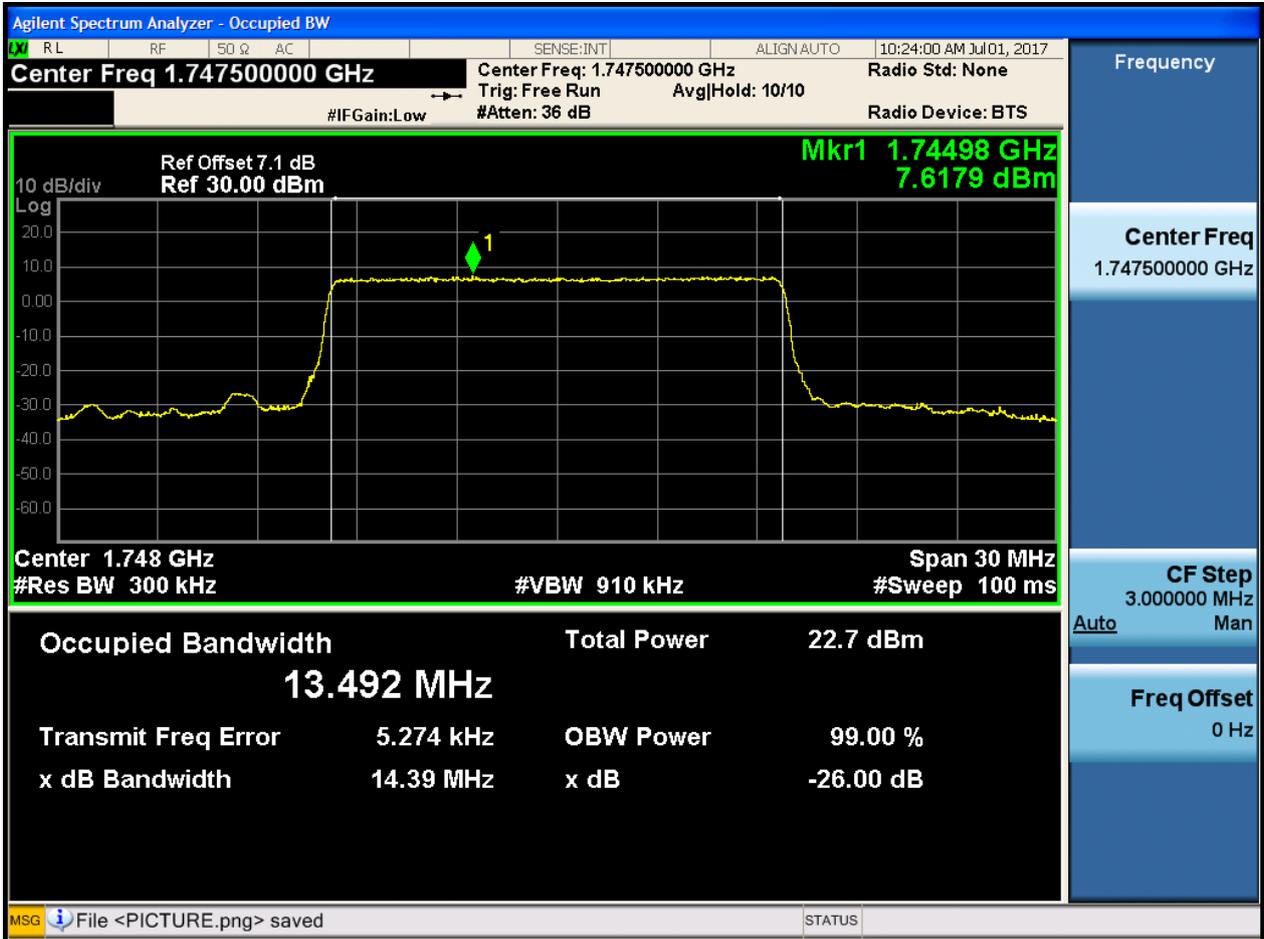
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

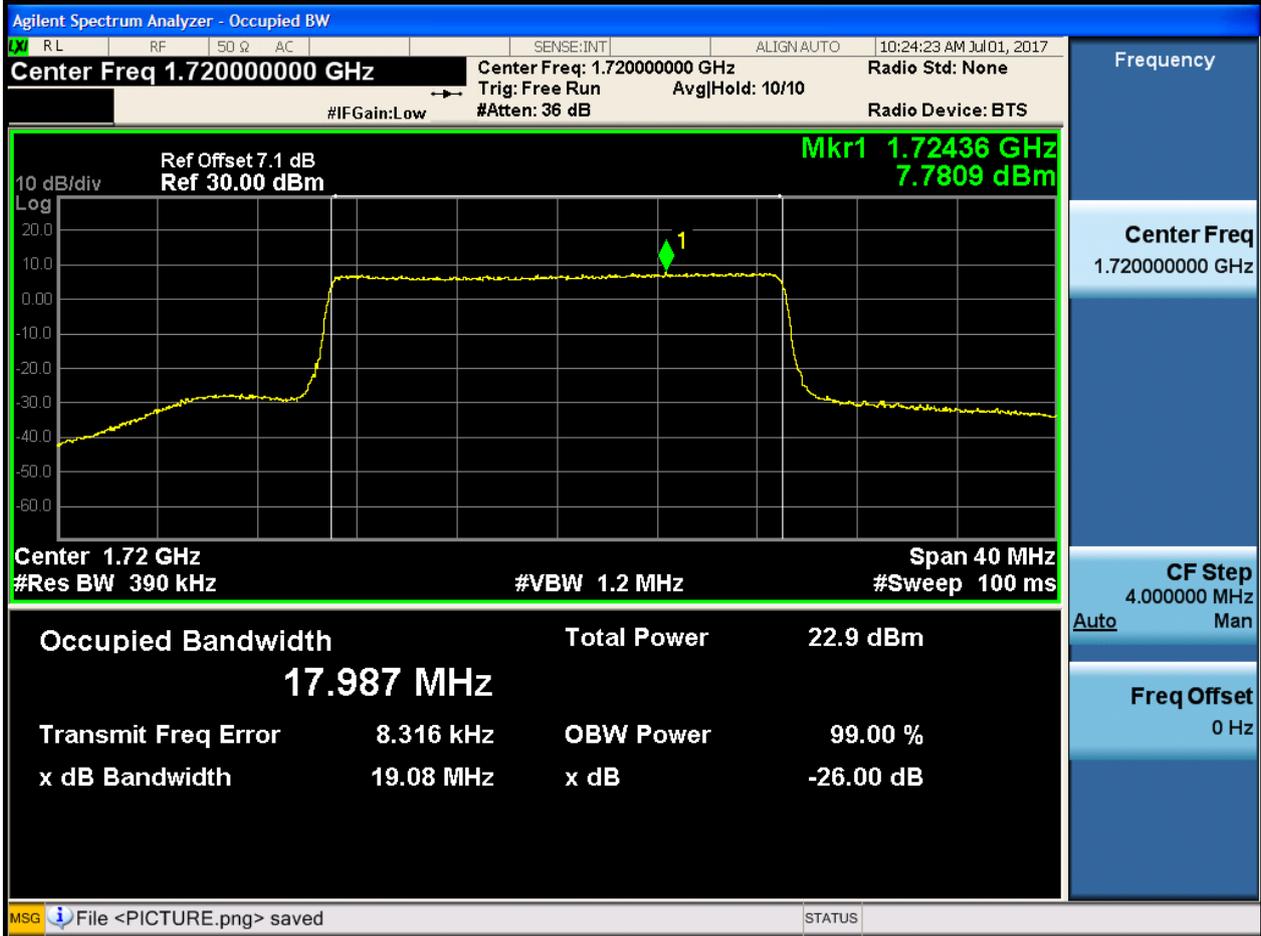




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

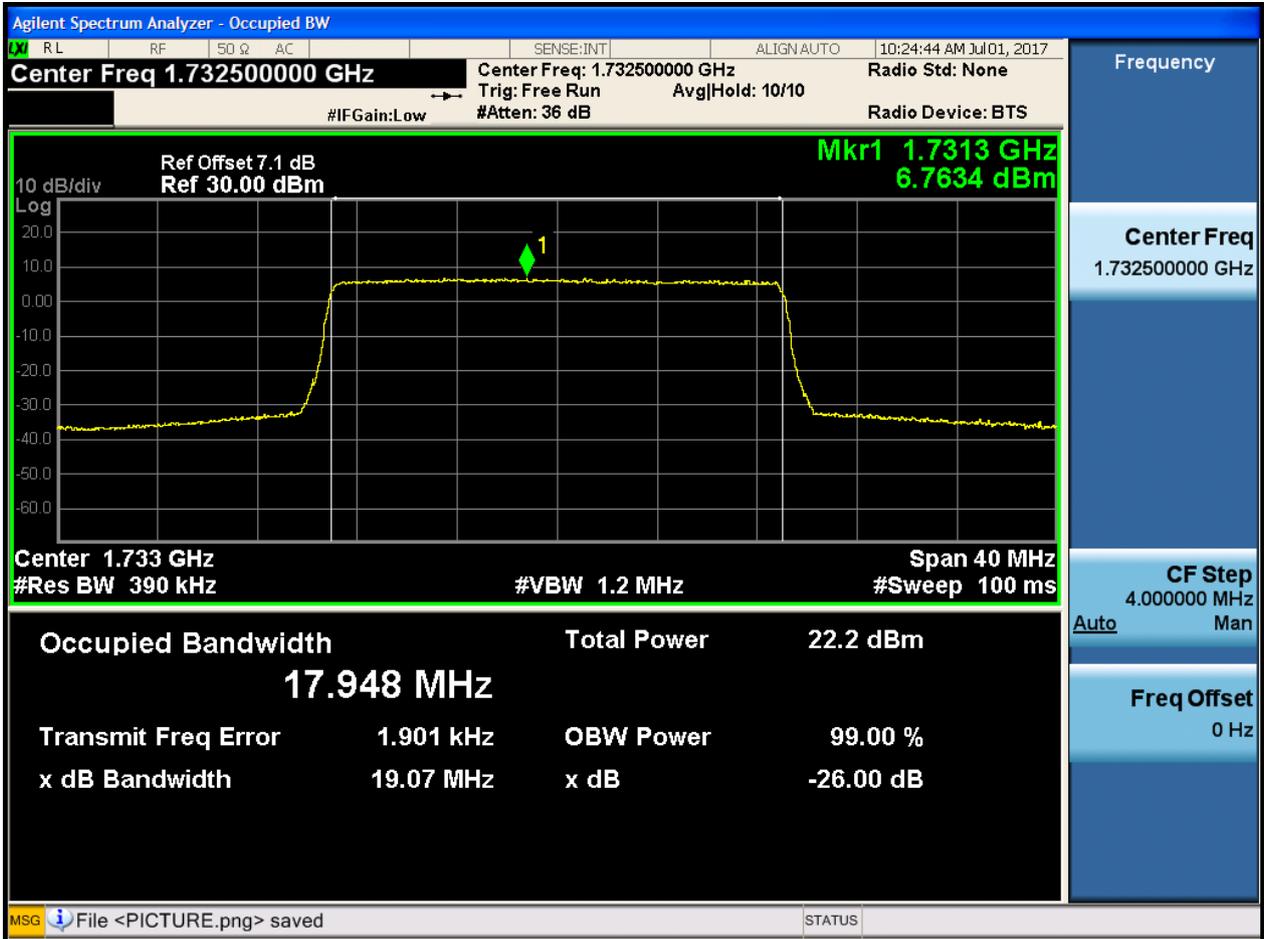
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

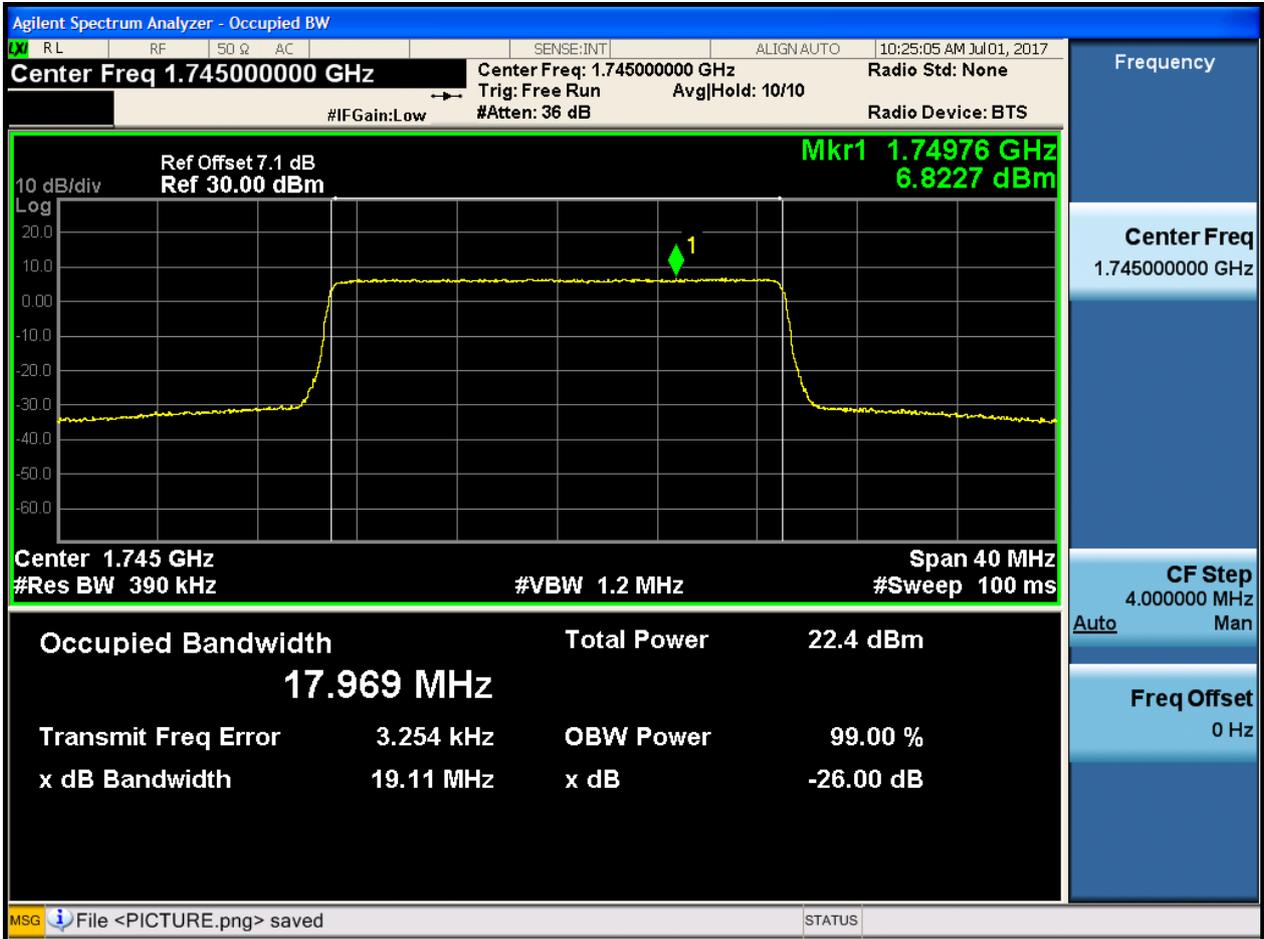
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



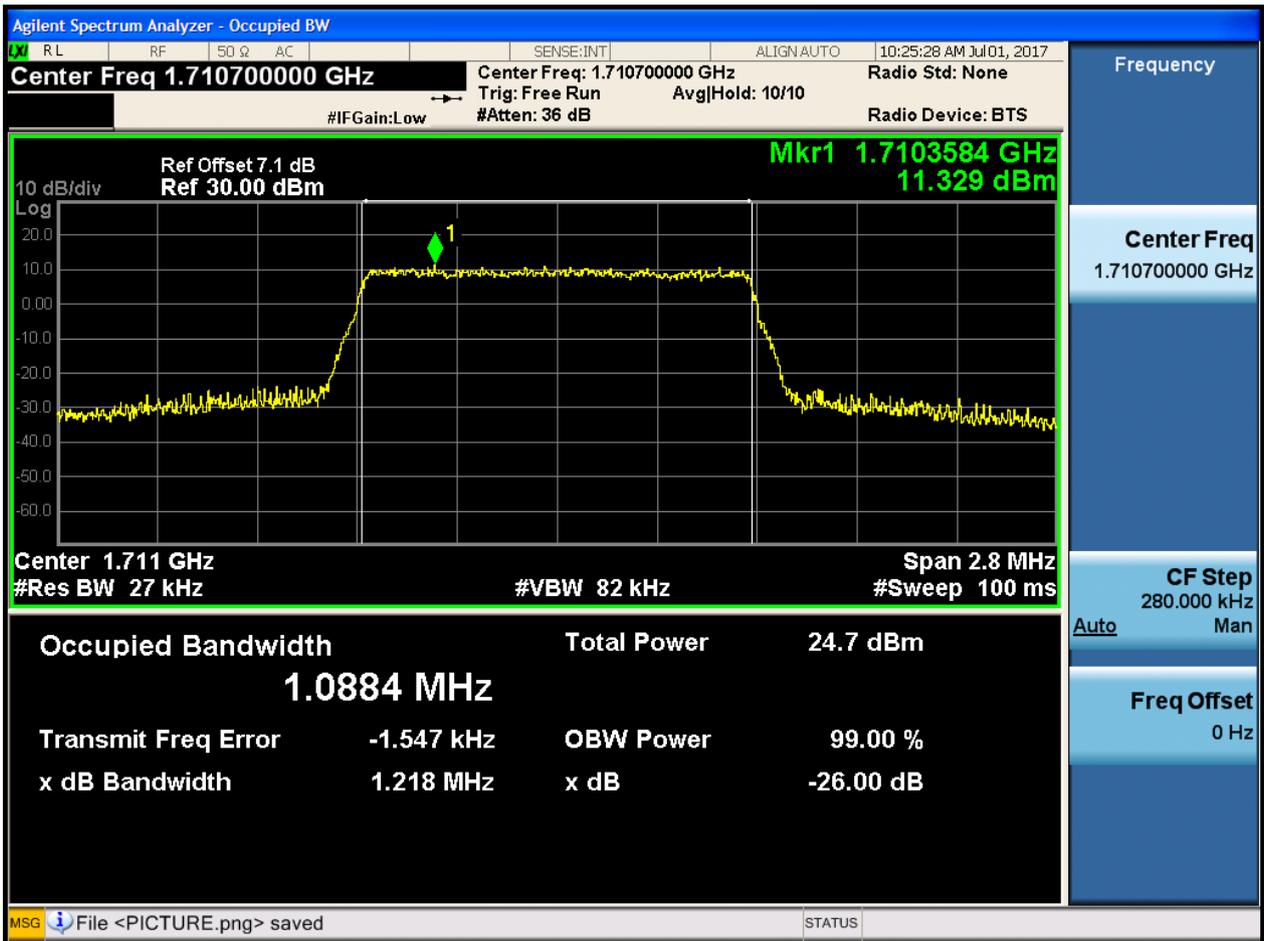


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

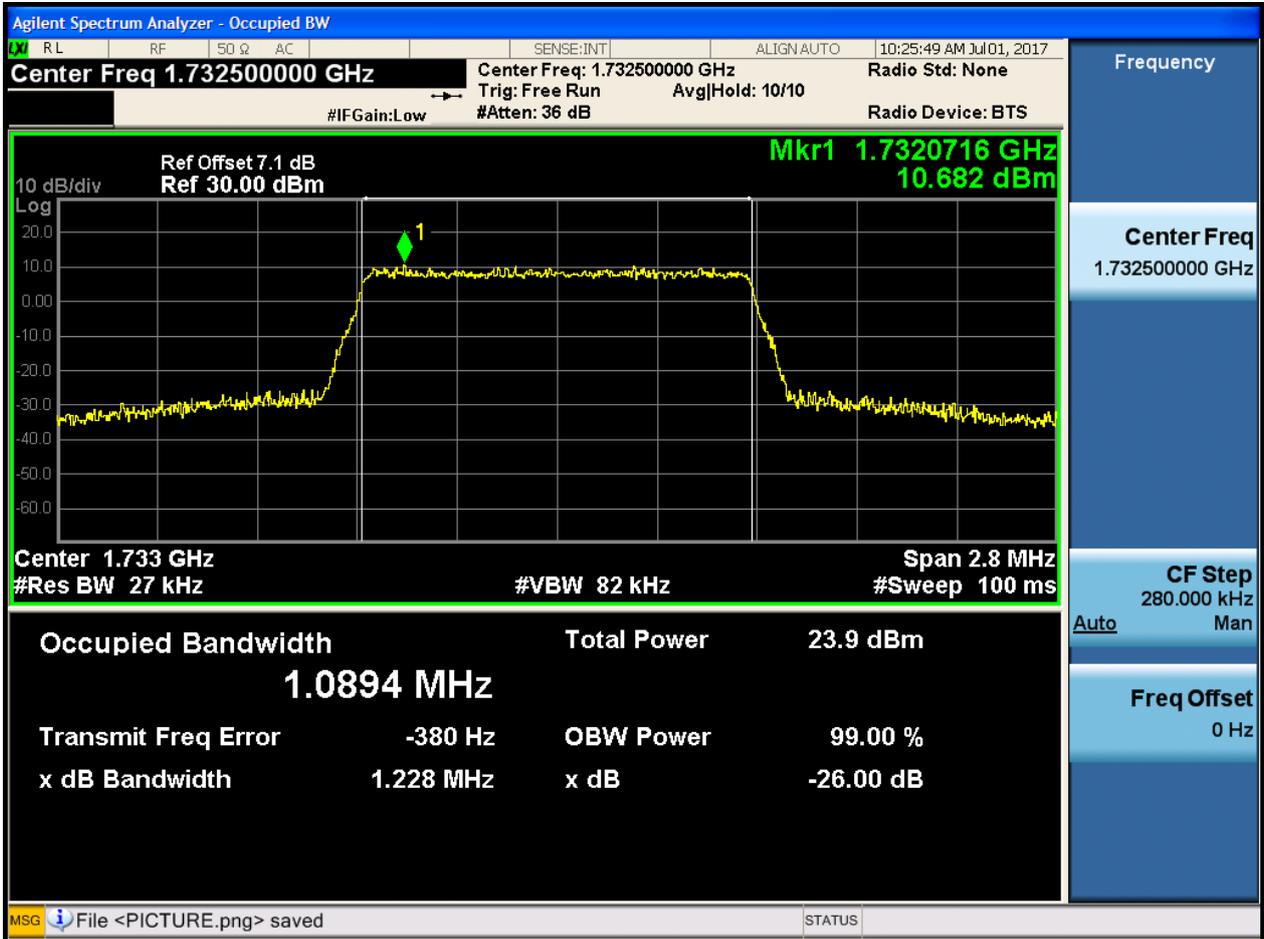
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

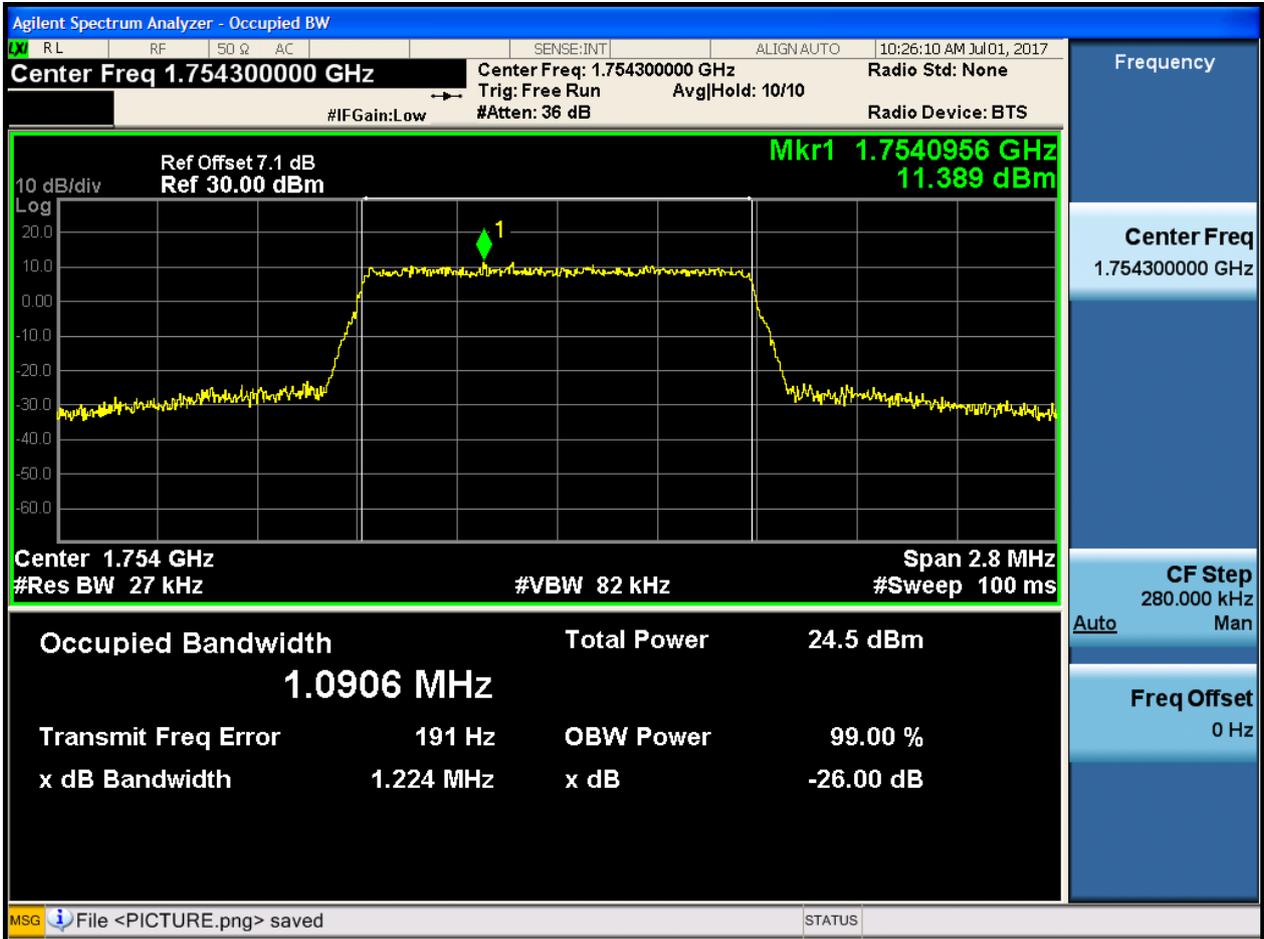
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

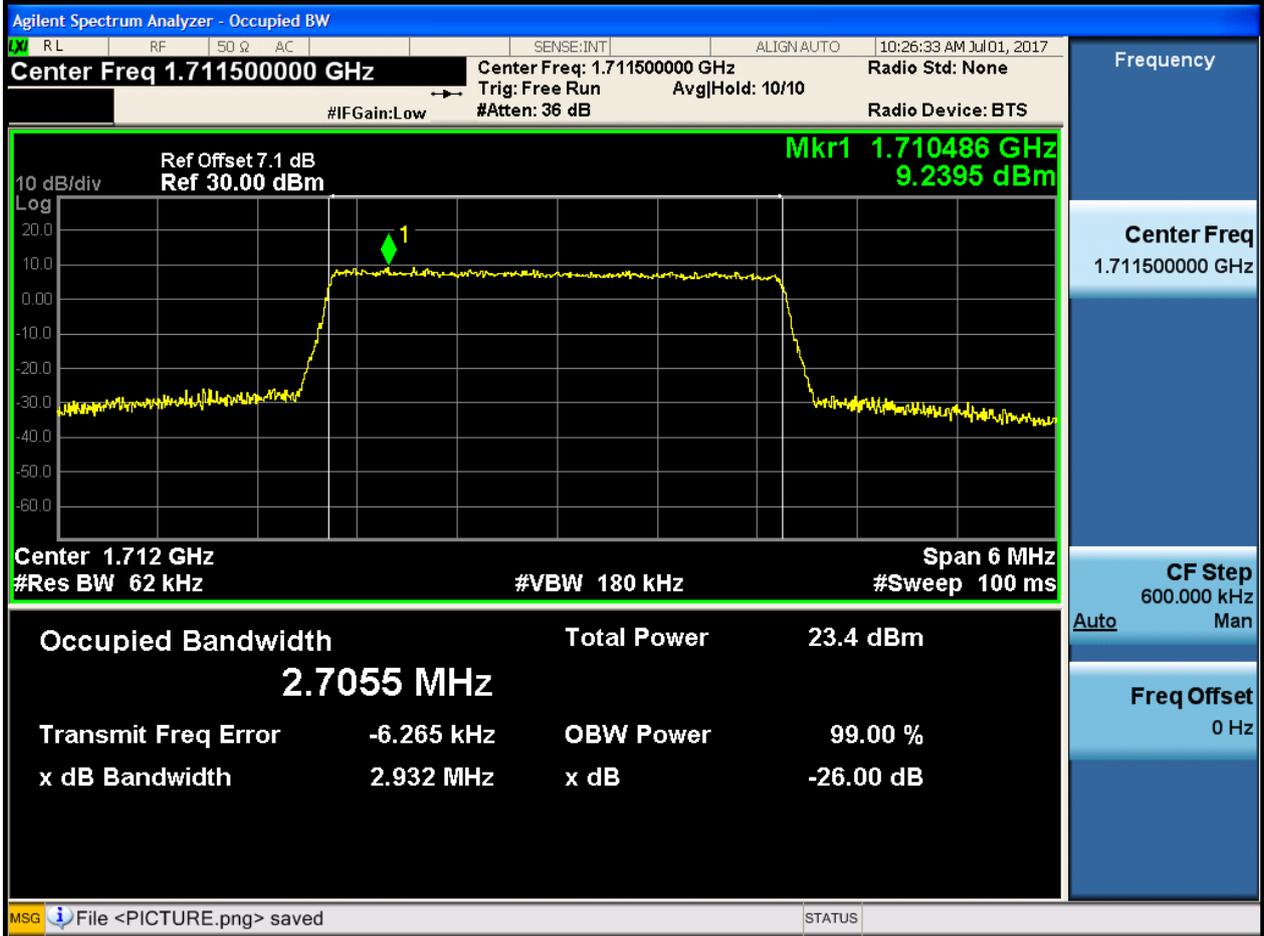




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

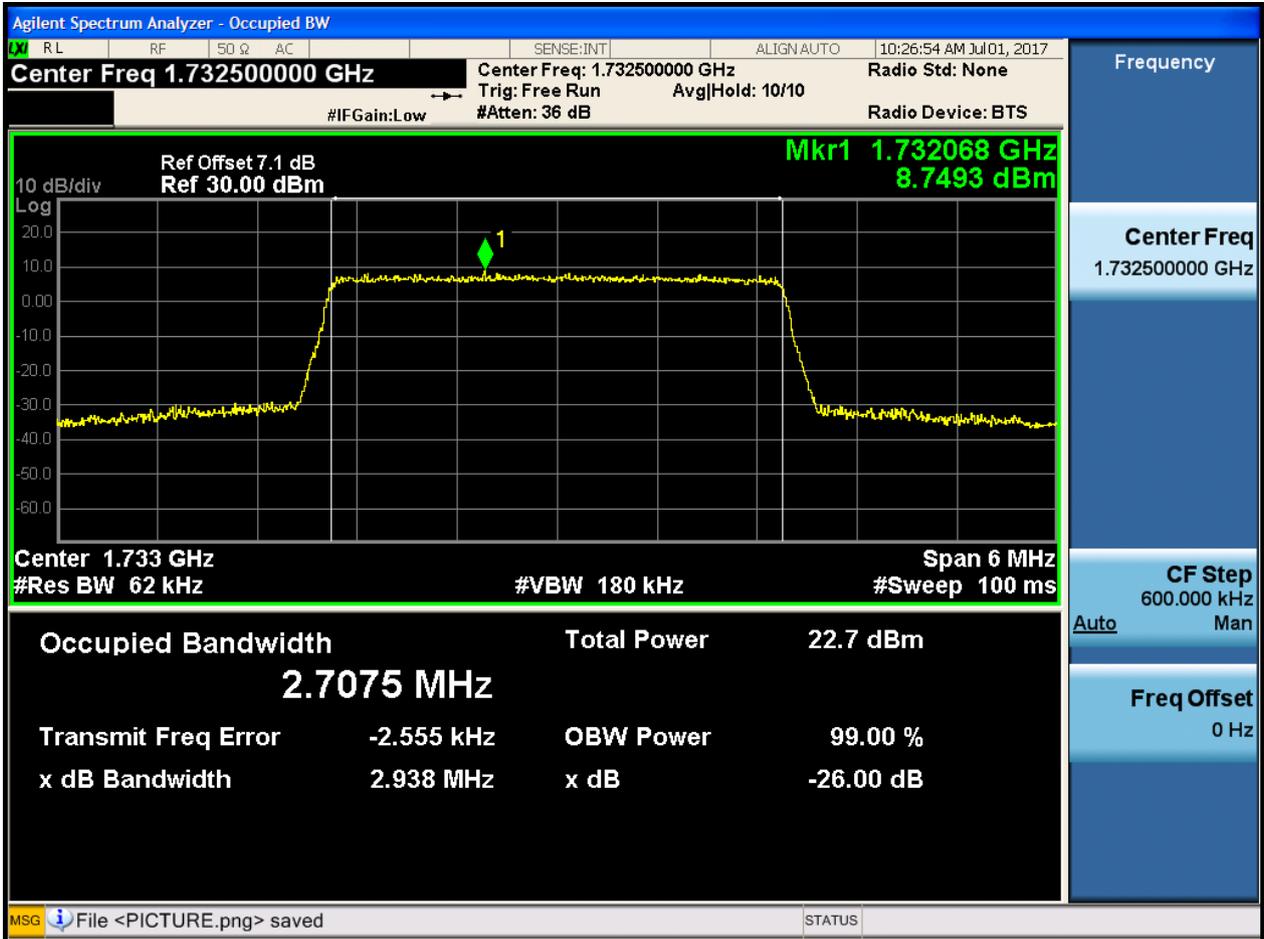
4.1.1.2.2.1.1 Test RB = RB15#0





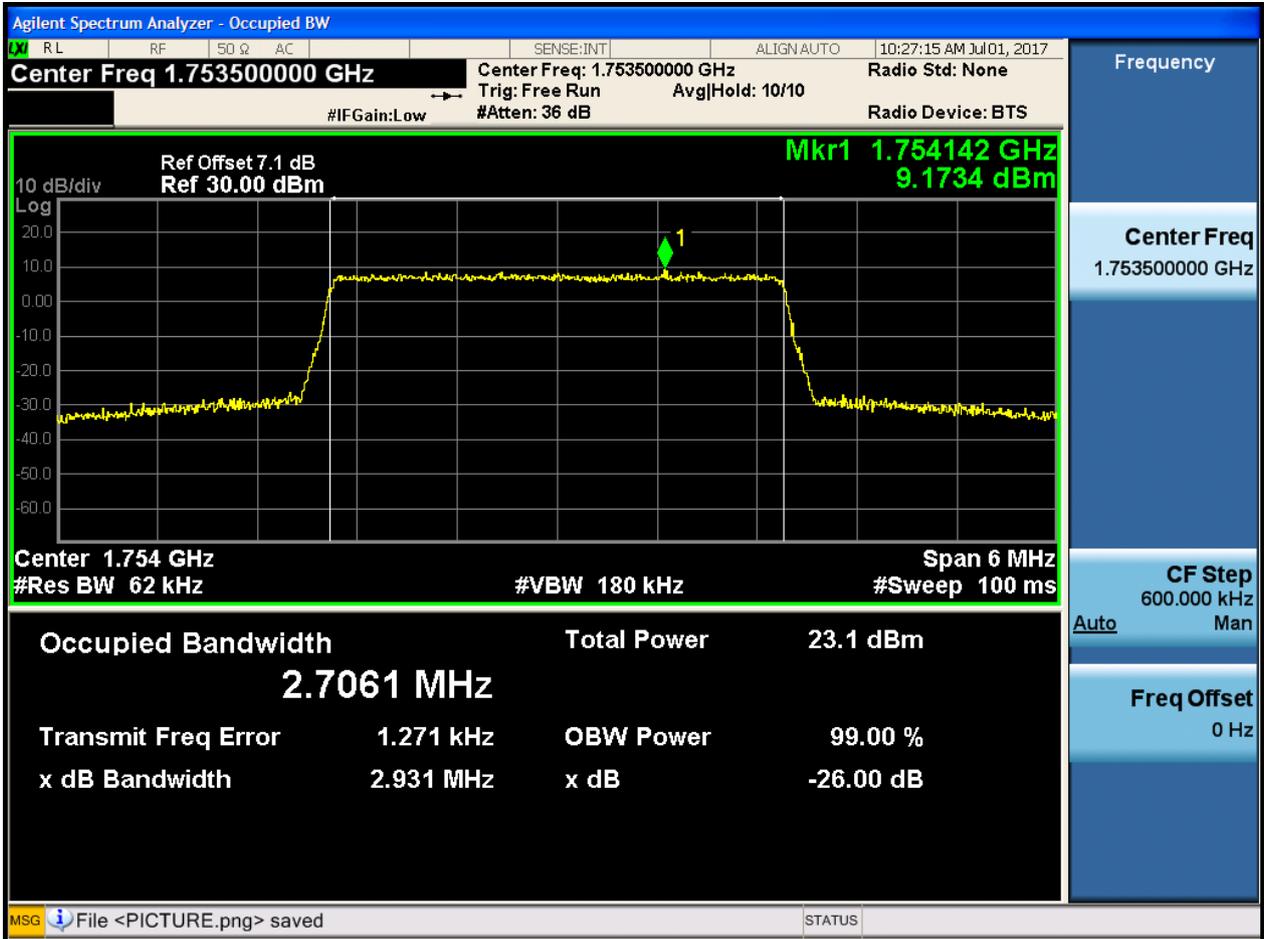
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

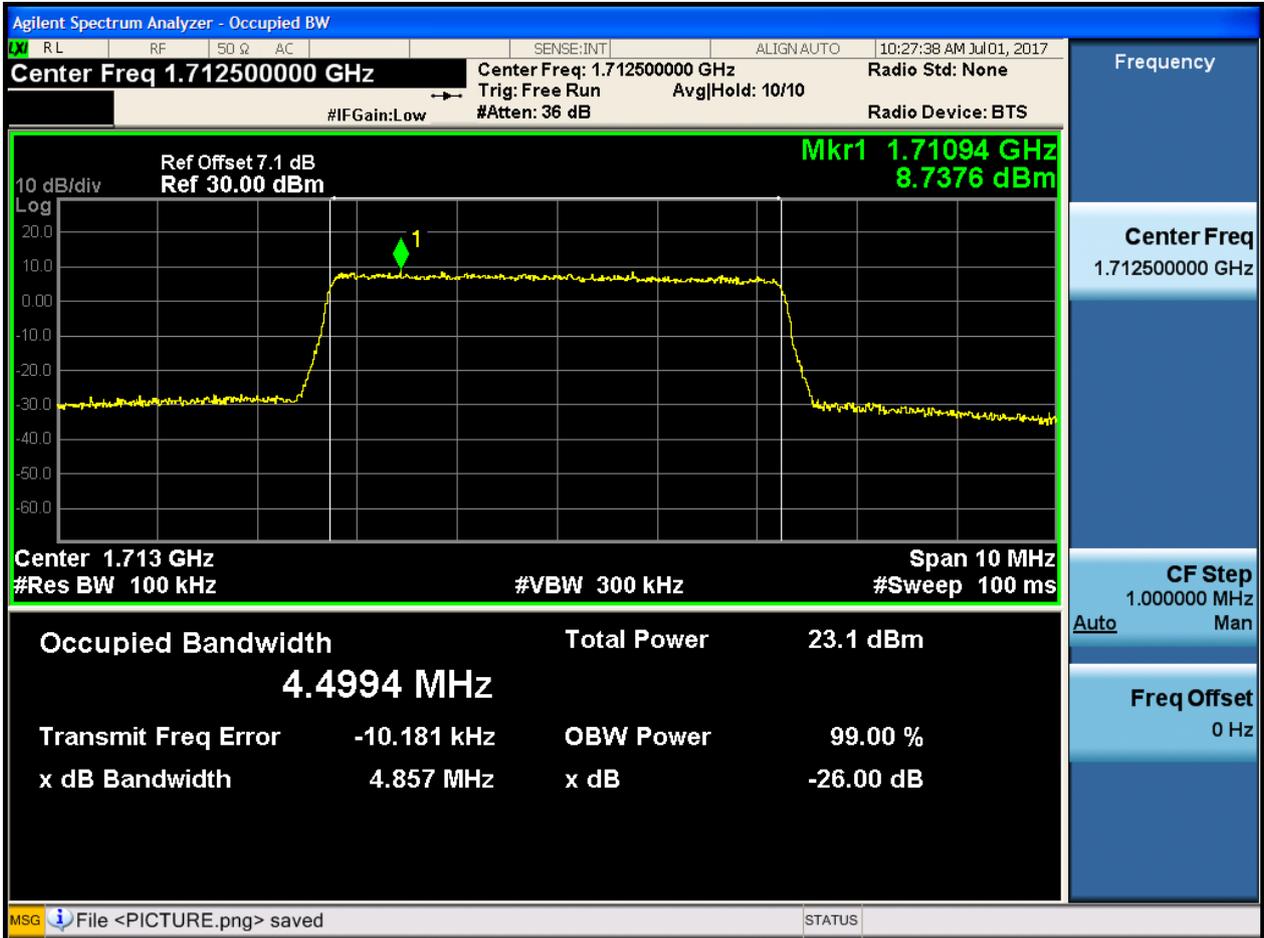




4.1.1.2.3 Test Bandwidth = 5

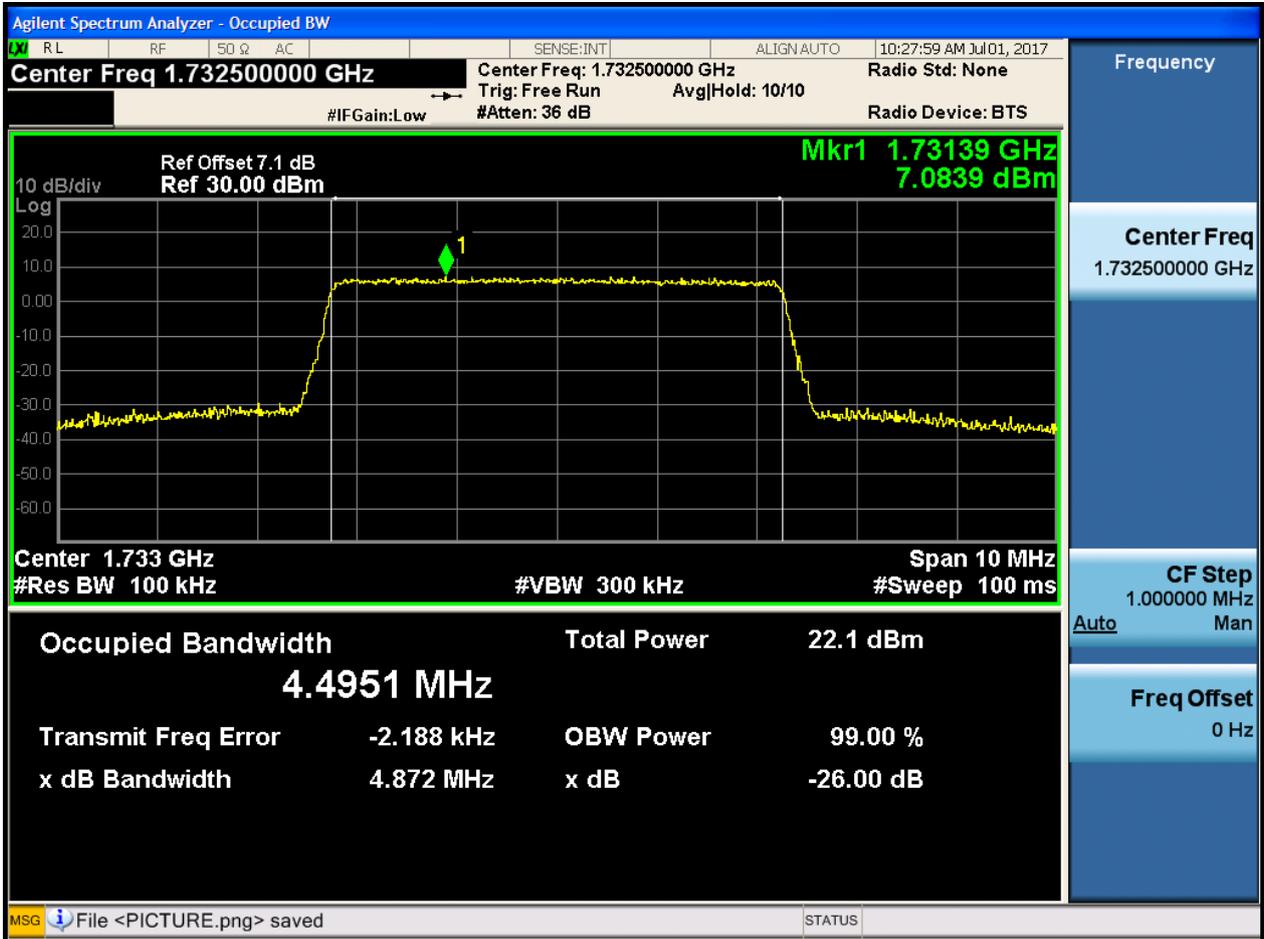
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

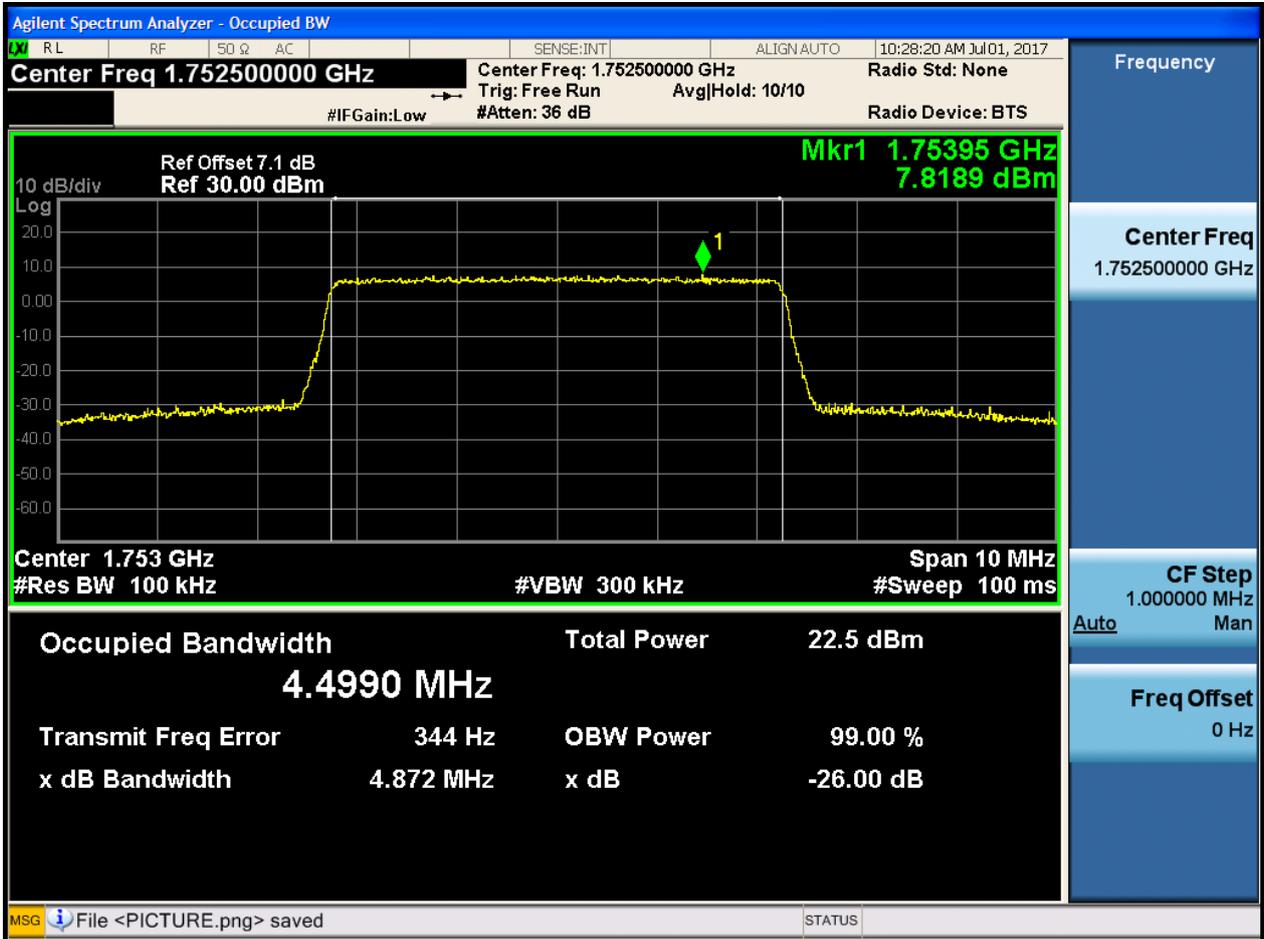
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

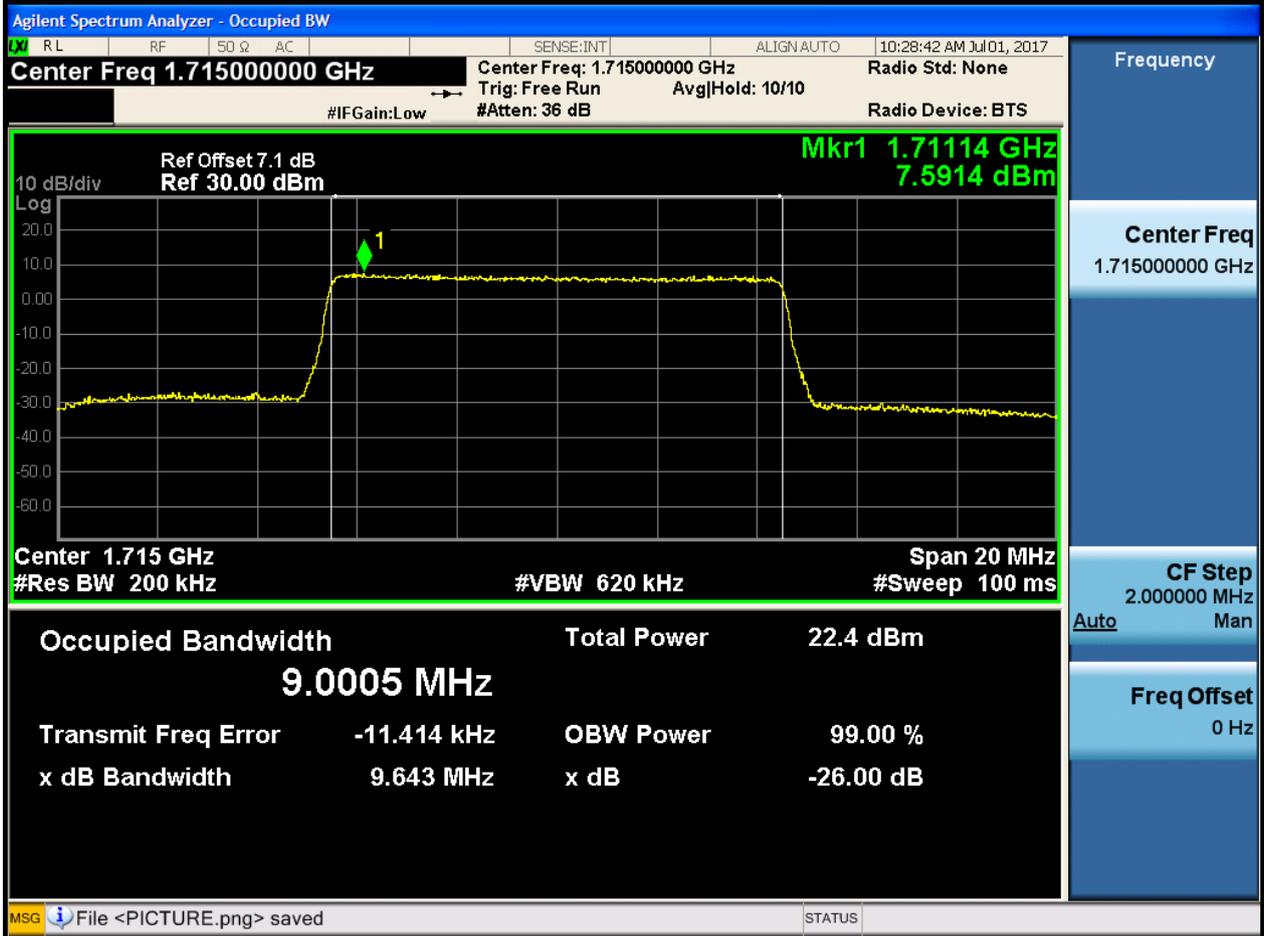




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

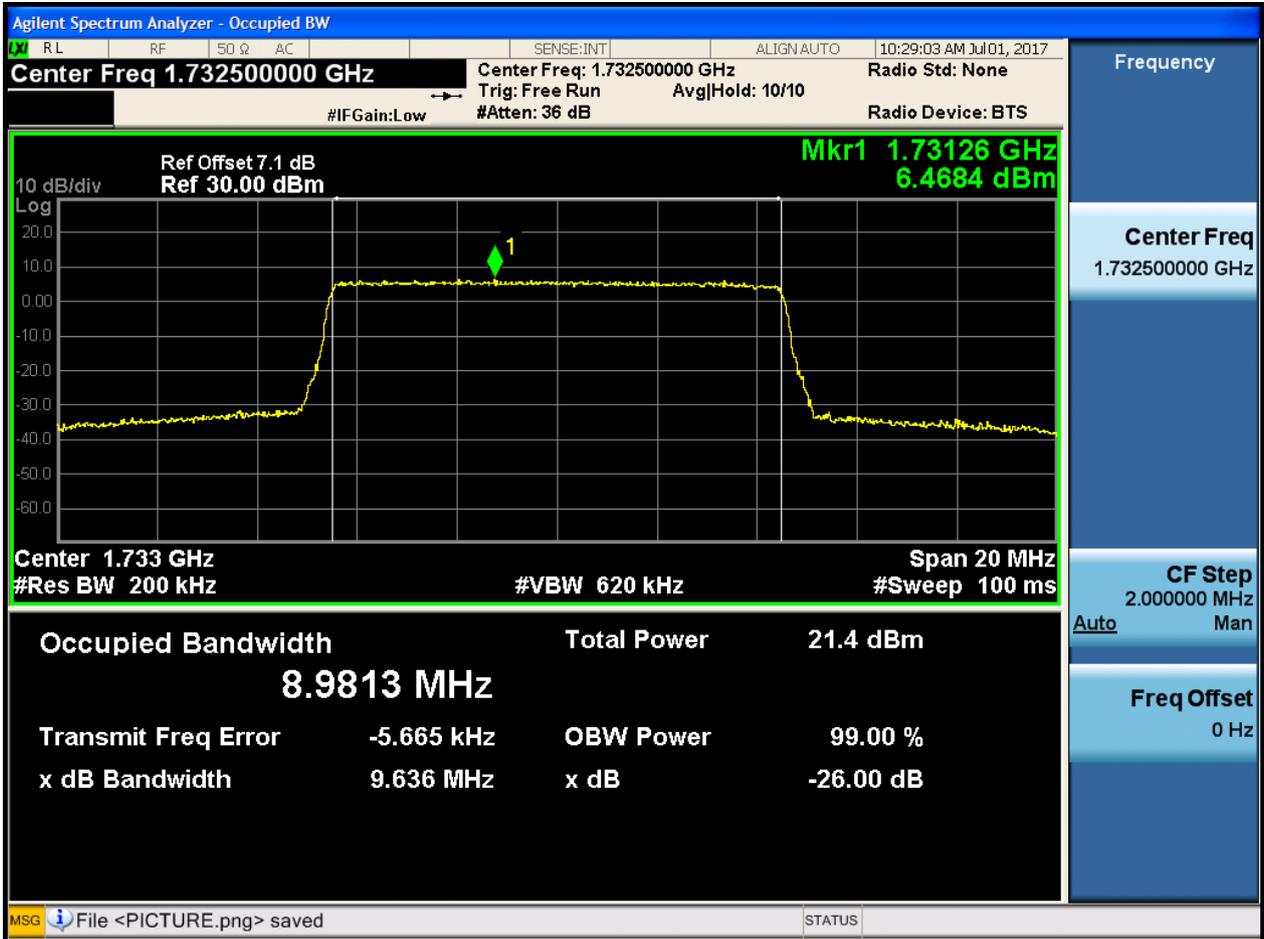
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

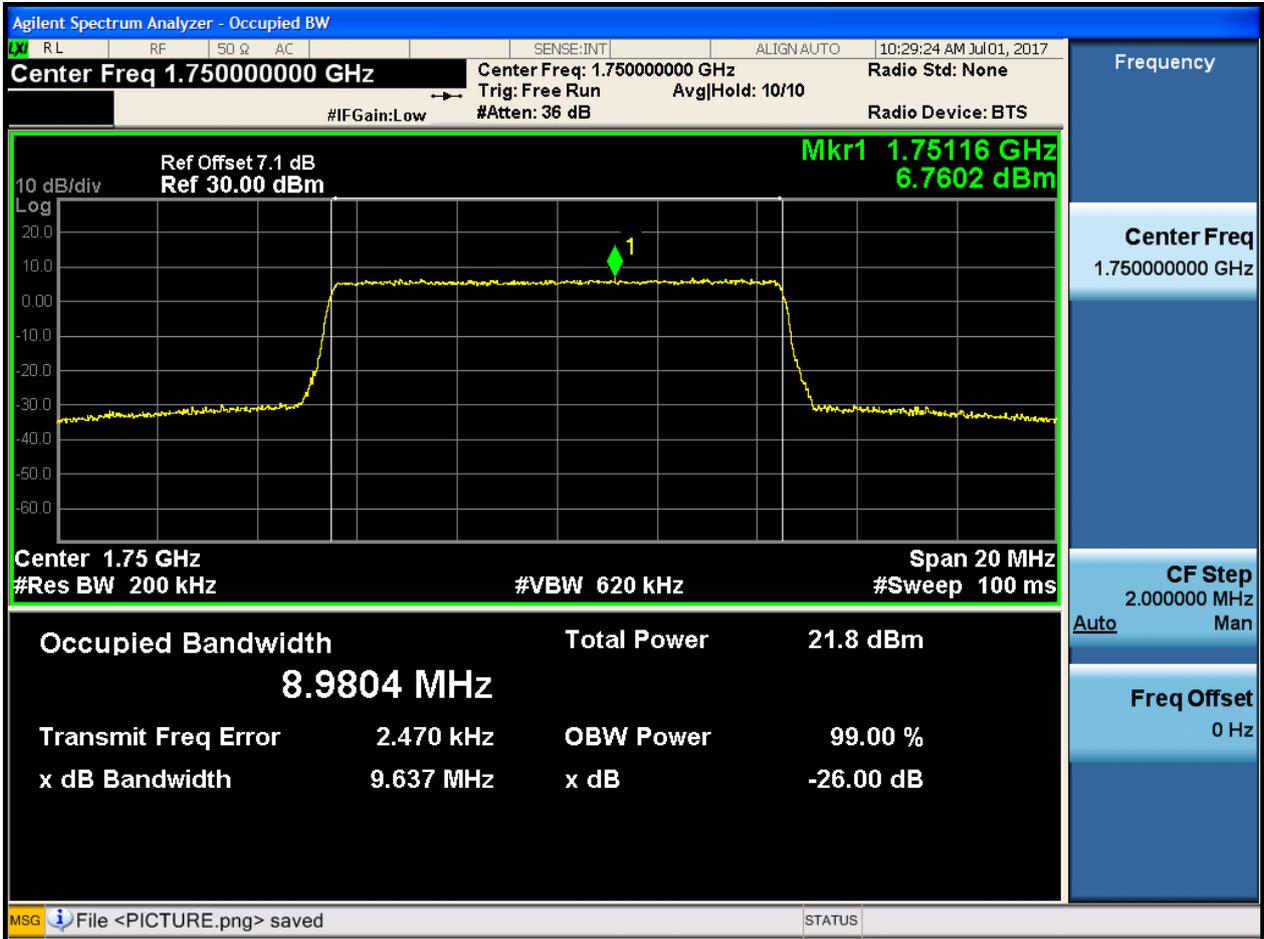
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

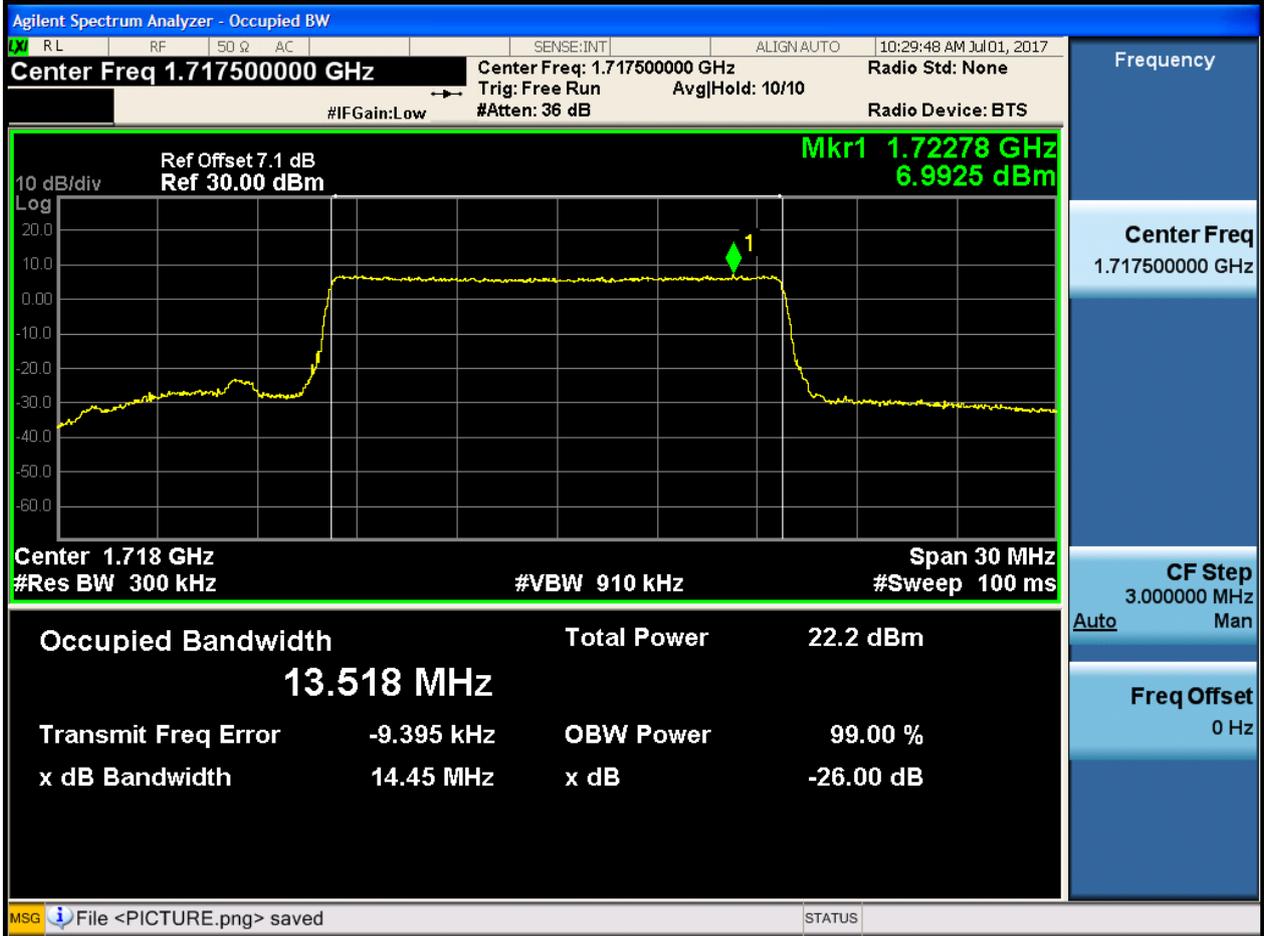




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

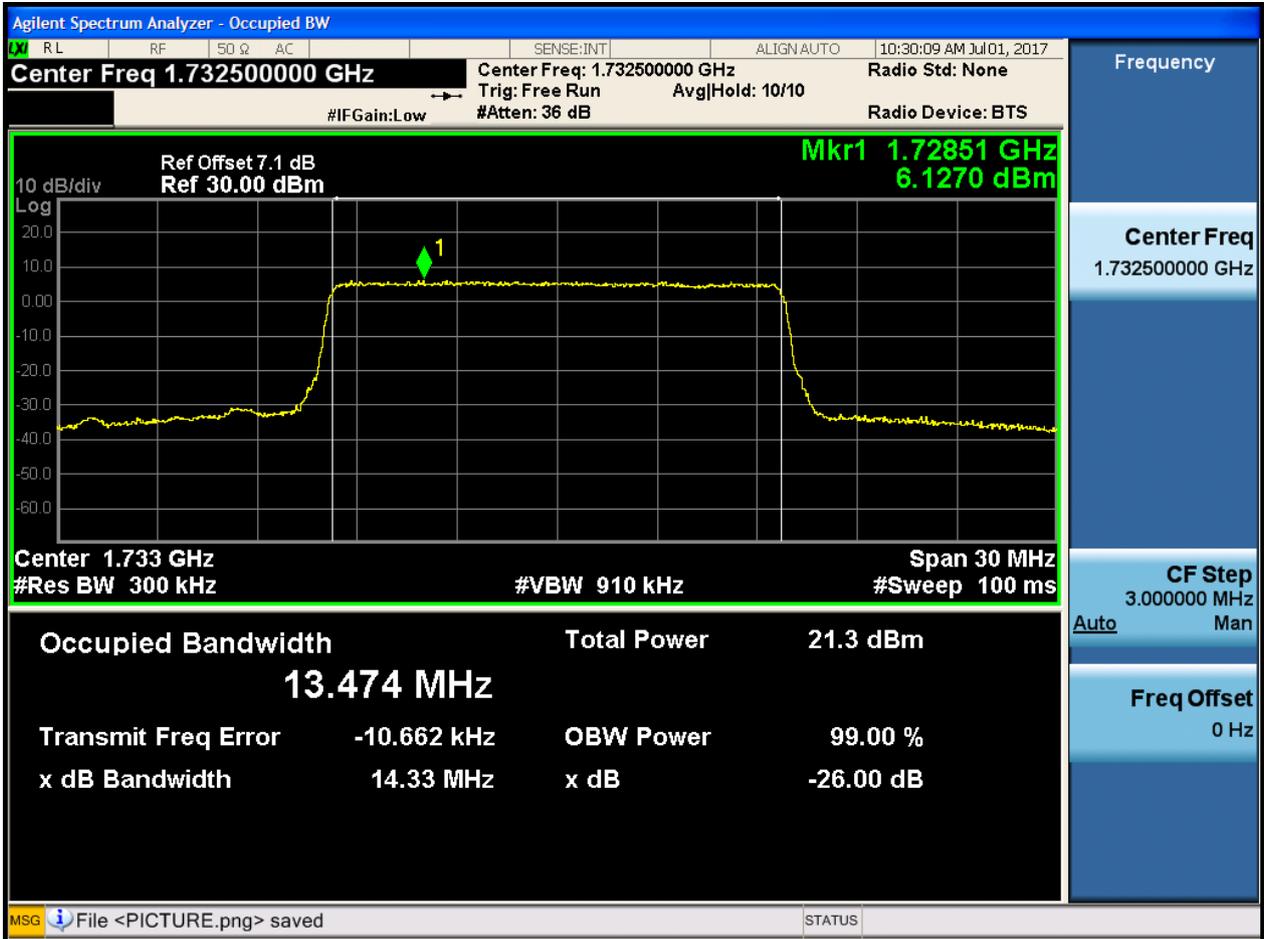
4.1.1.2.5.1.1 Test RB = RB75#0





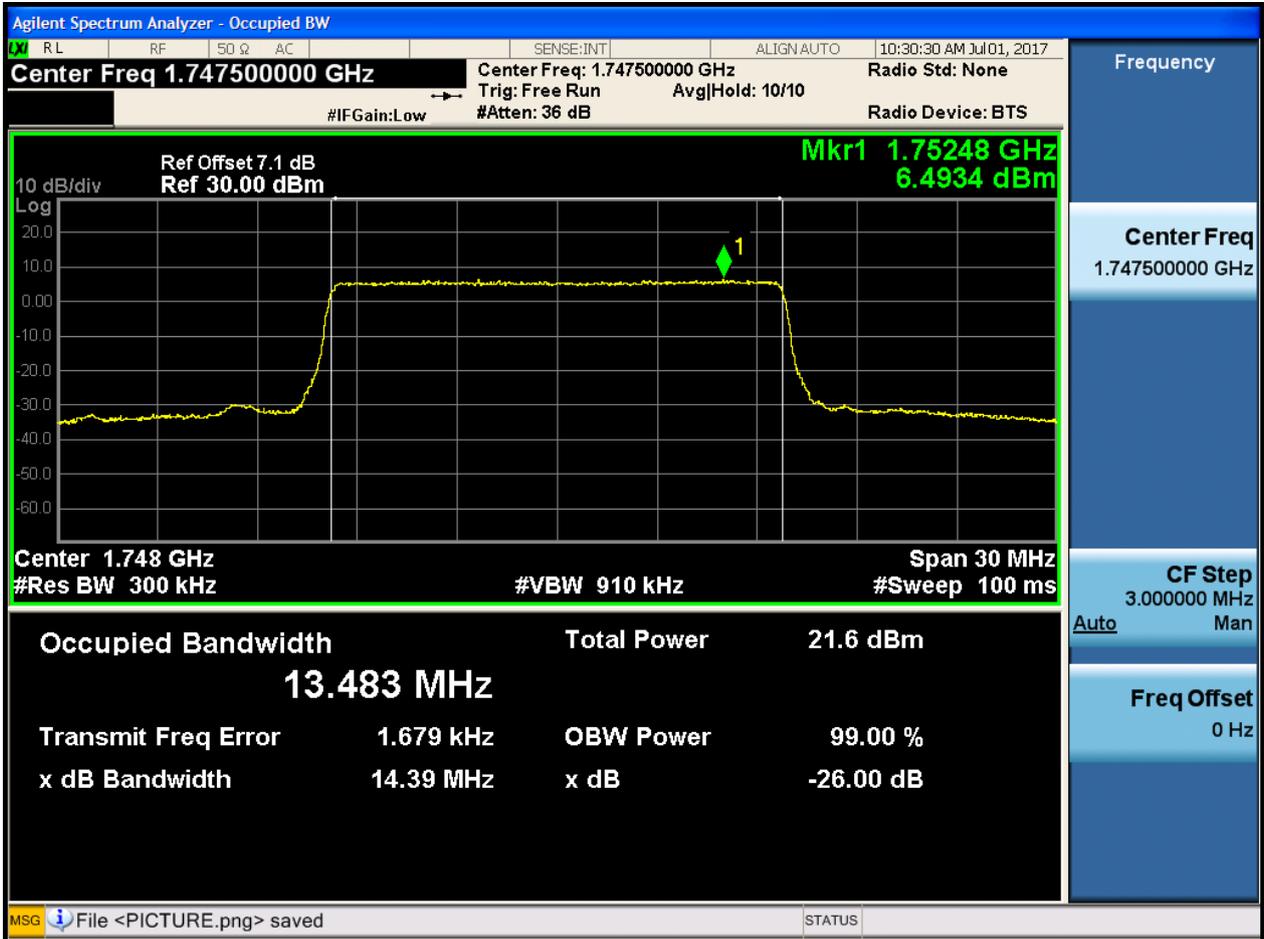
4.1.1.2.5.2 Test Channel = MCH

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

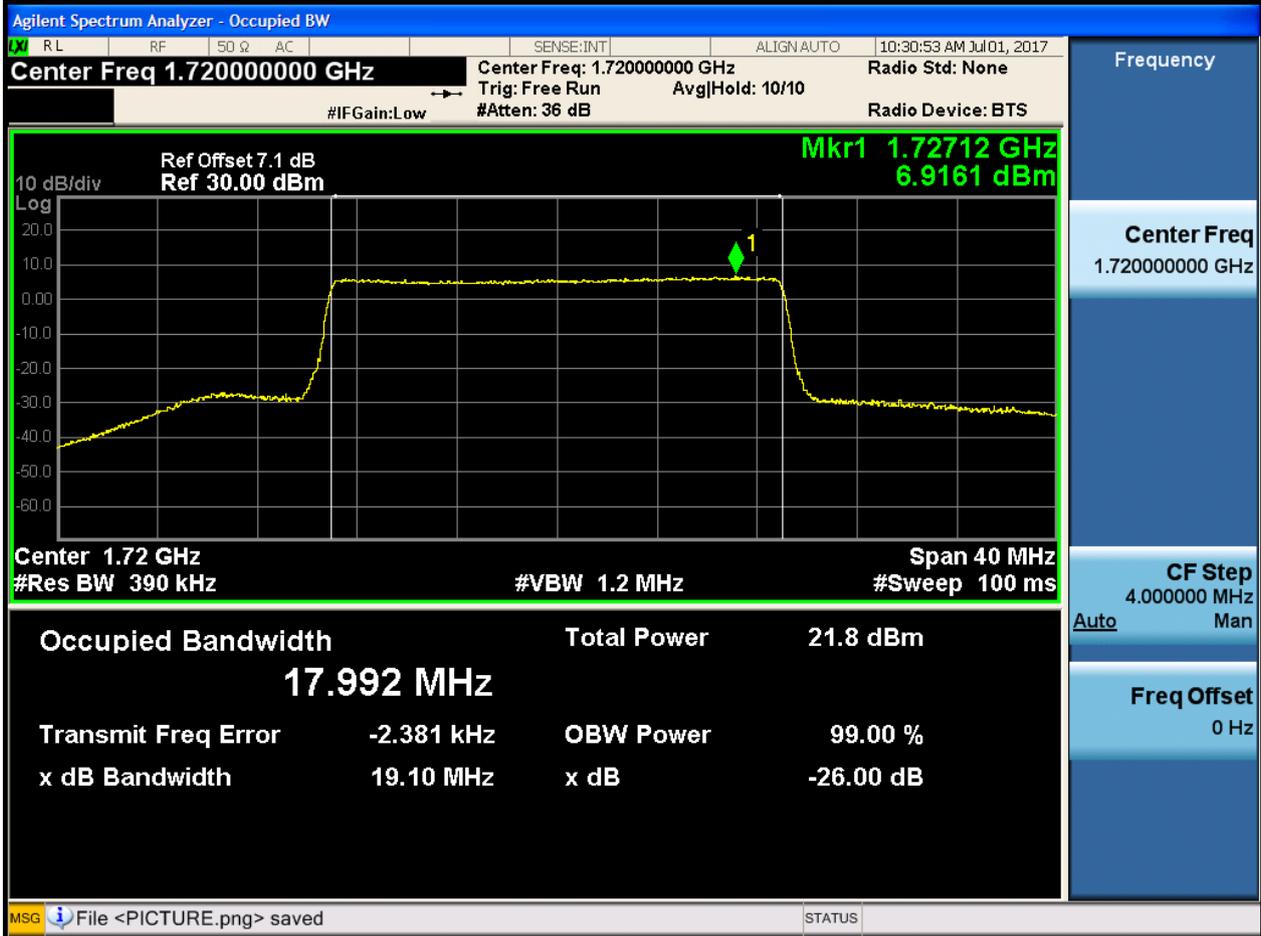




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

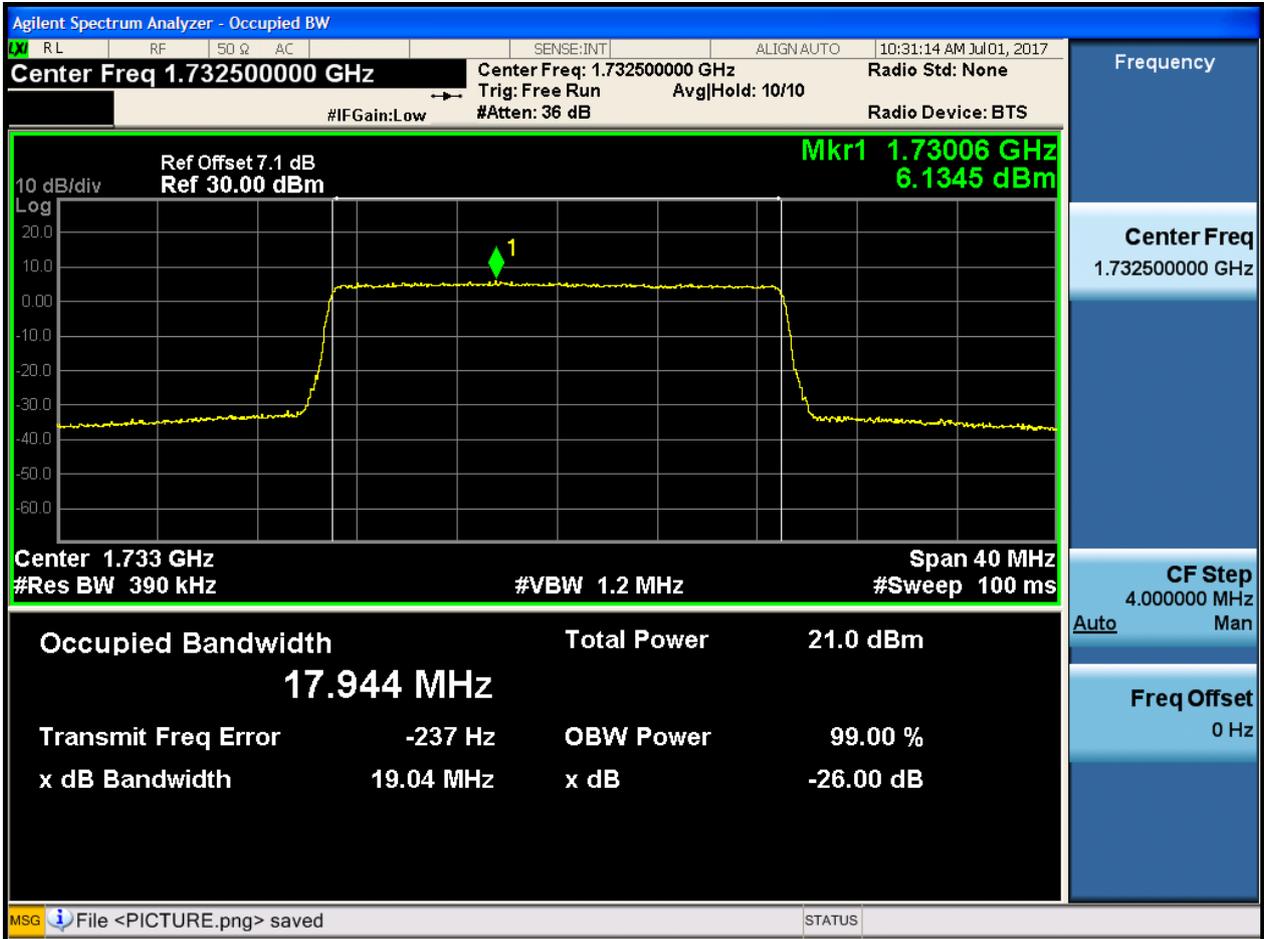
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

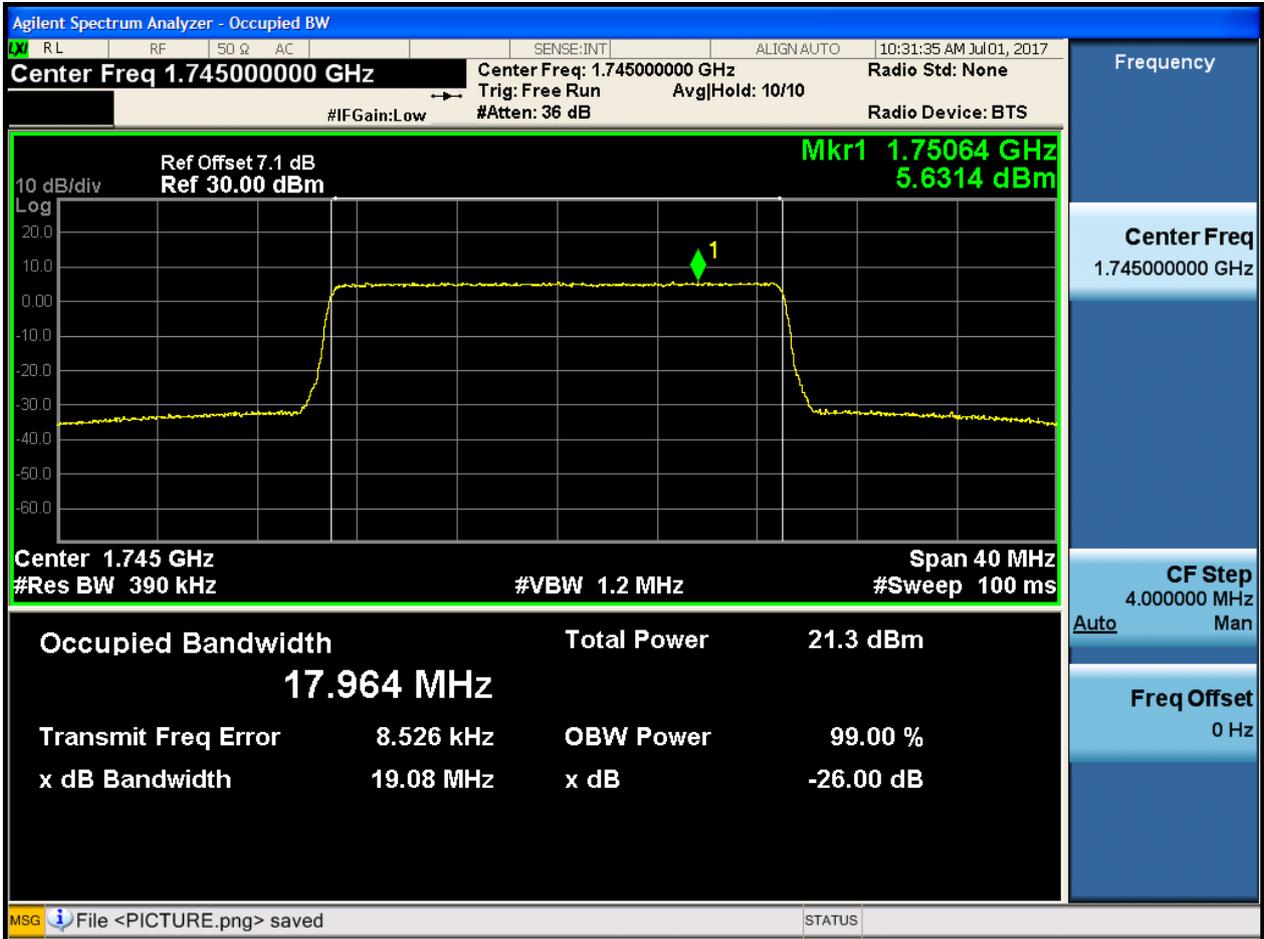
4.1.1.2.6.2.1 Test RB = RB100#0





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

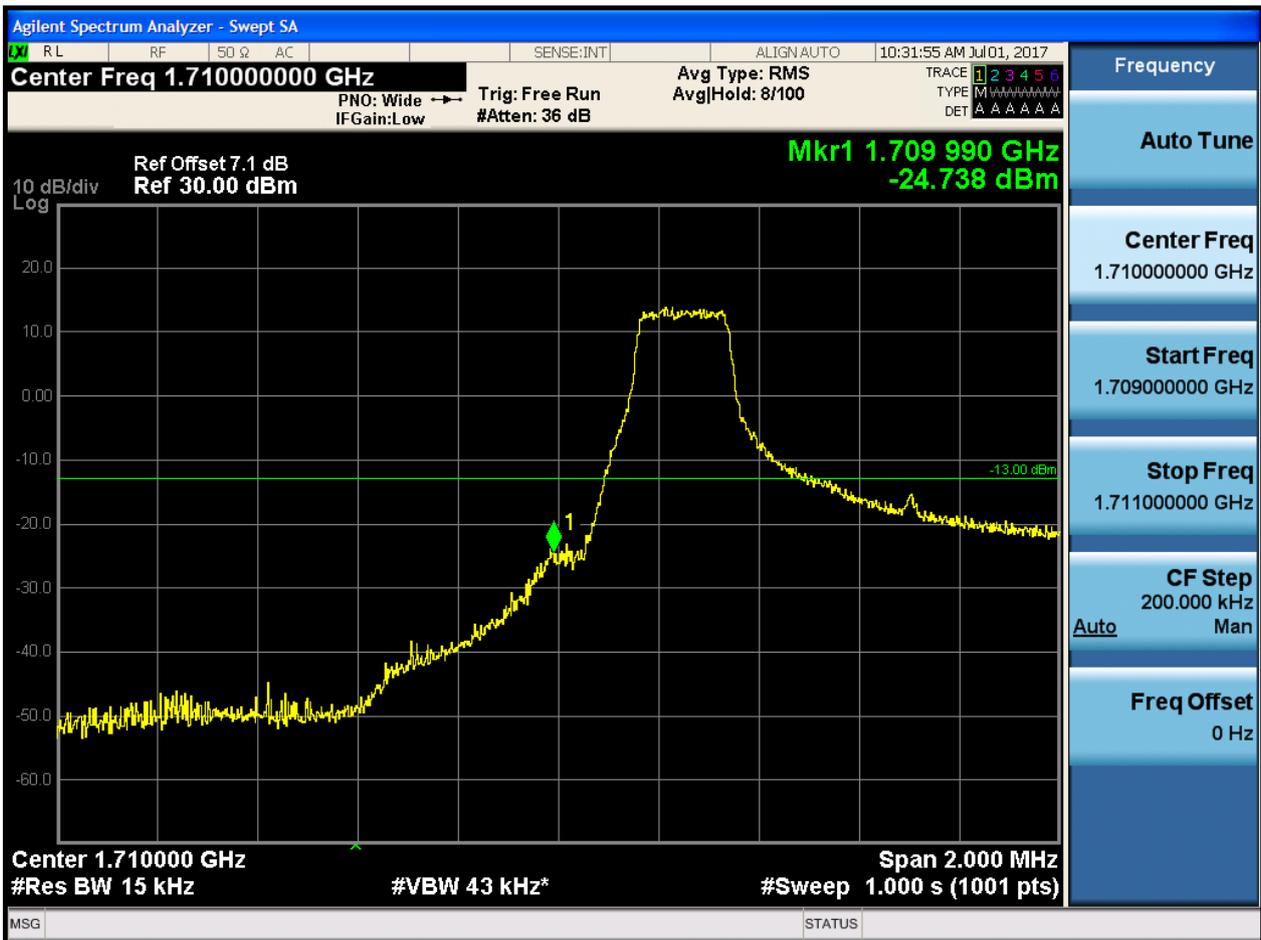
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

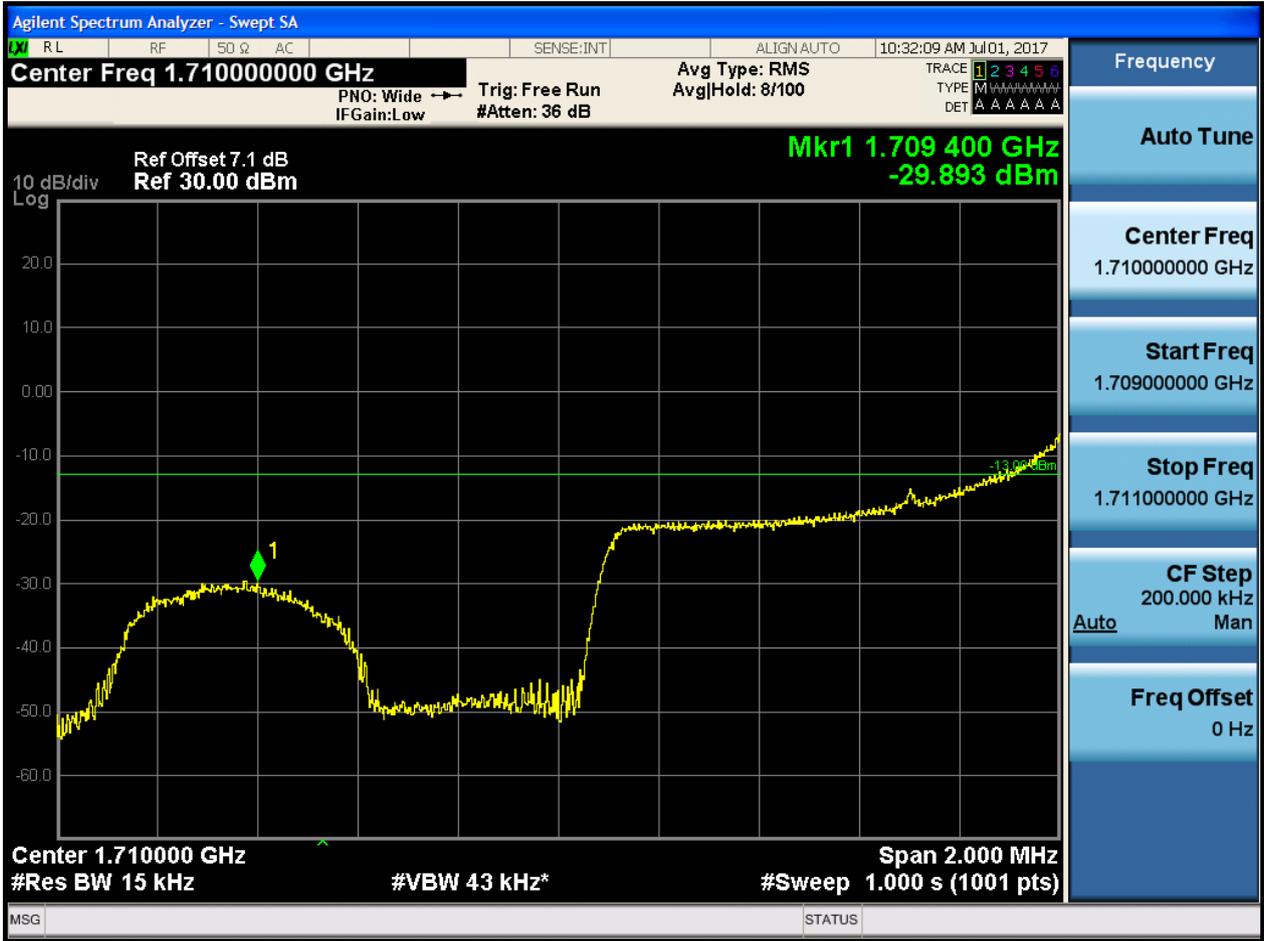
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



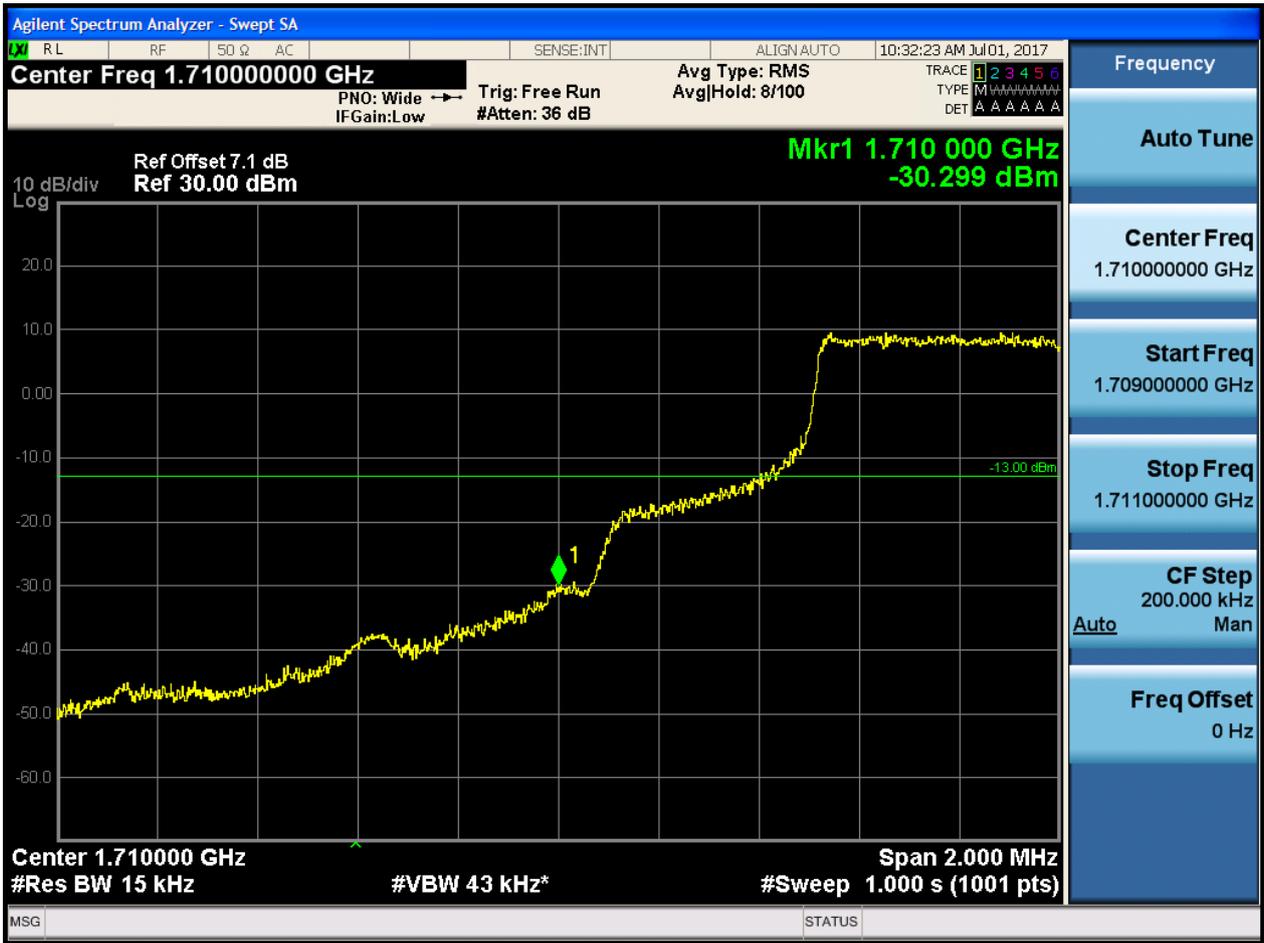


5.1.1.1.1.2 Test RB = RB1#5



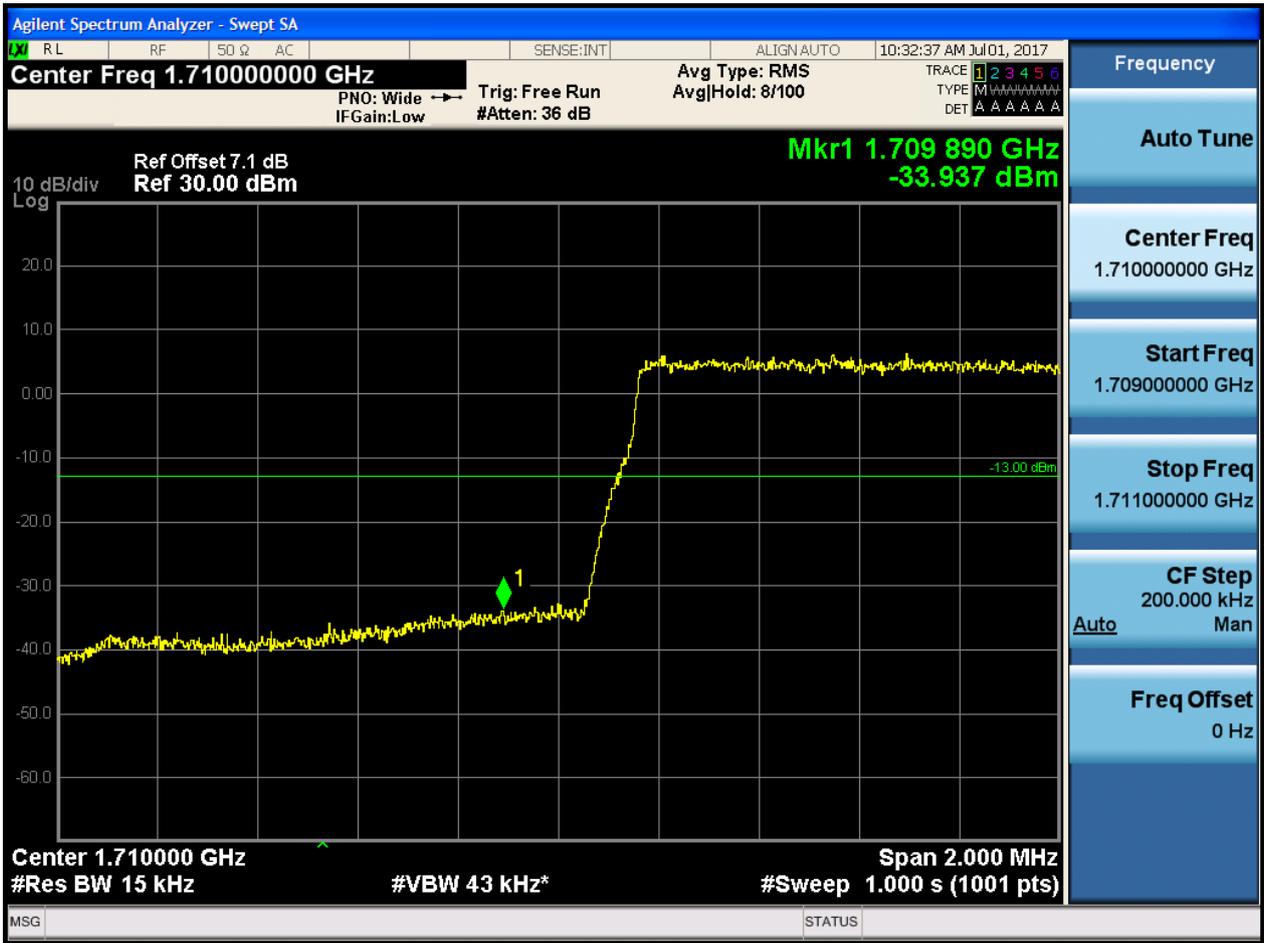


5.1.1.1.1.3 Test RB = RB3#2





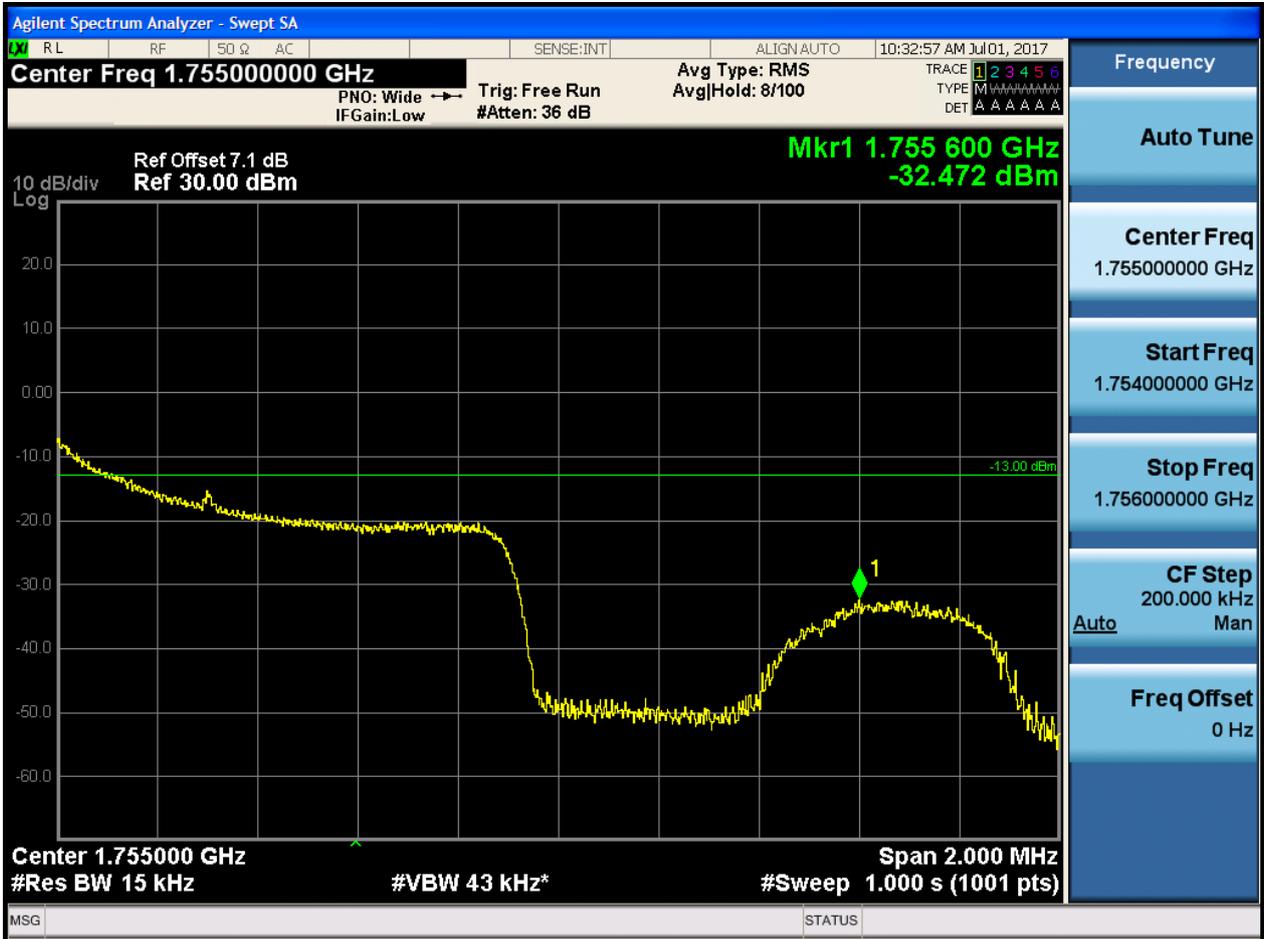
5.1.1.1.1.4 Test RB = RB6#0





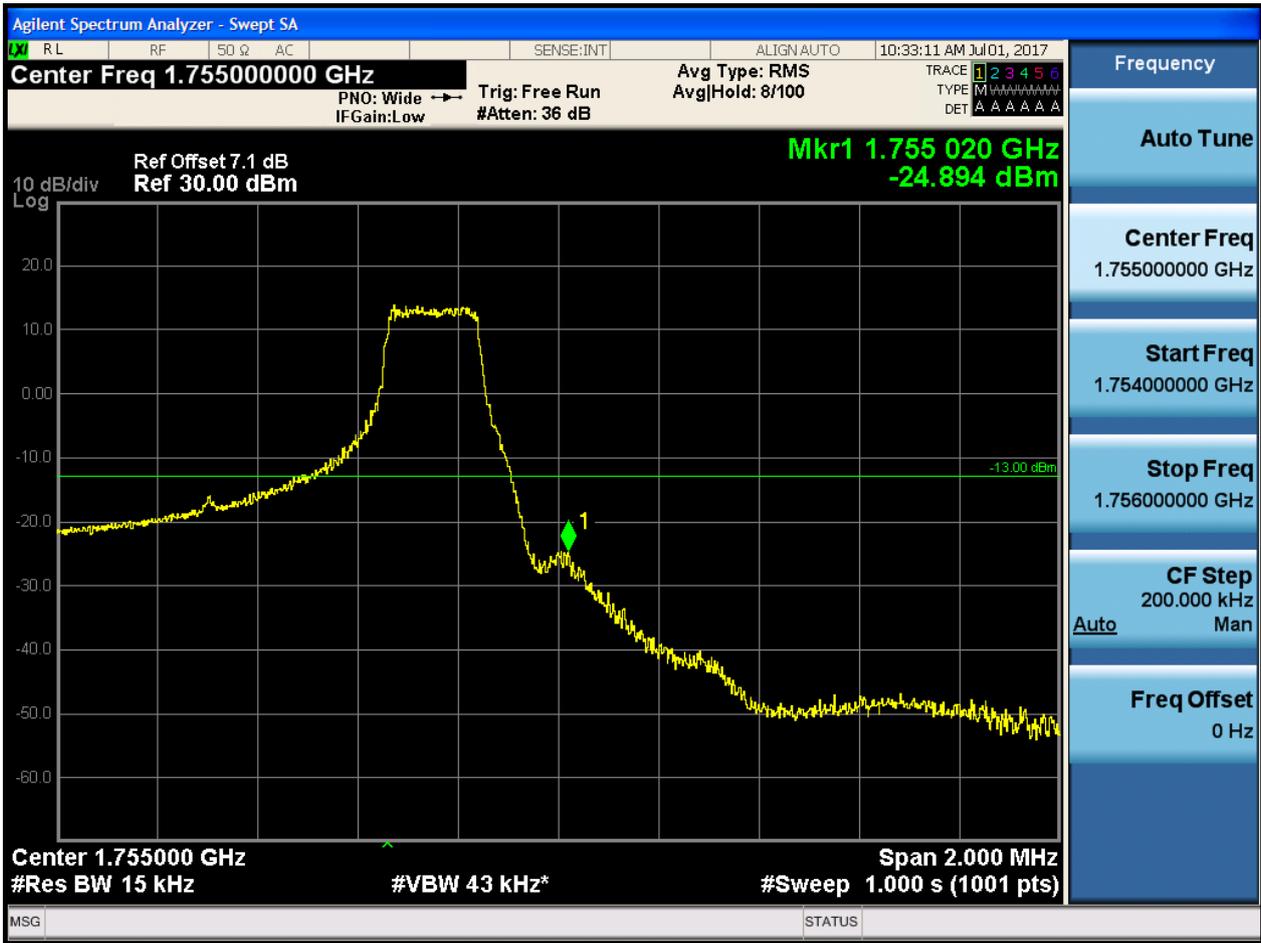
5.1.1.1.1.2 Test Channel = HCH

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





5.1.1.1.2.4 Test RB = RB6#0

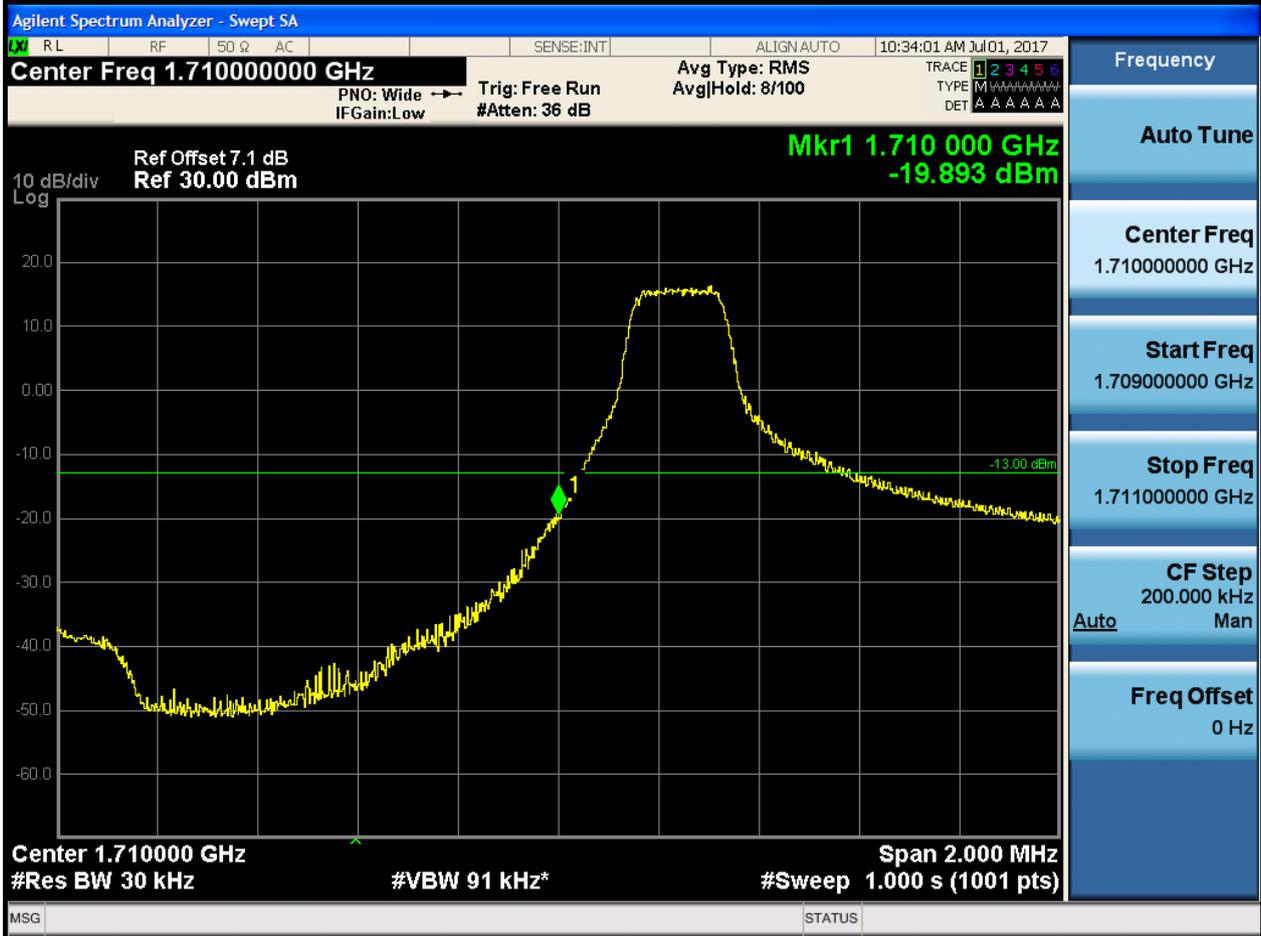




5.1.1.1.2 Test Bandwidth = 3

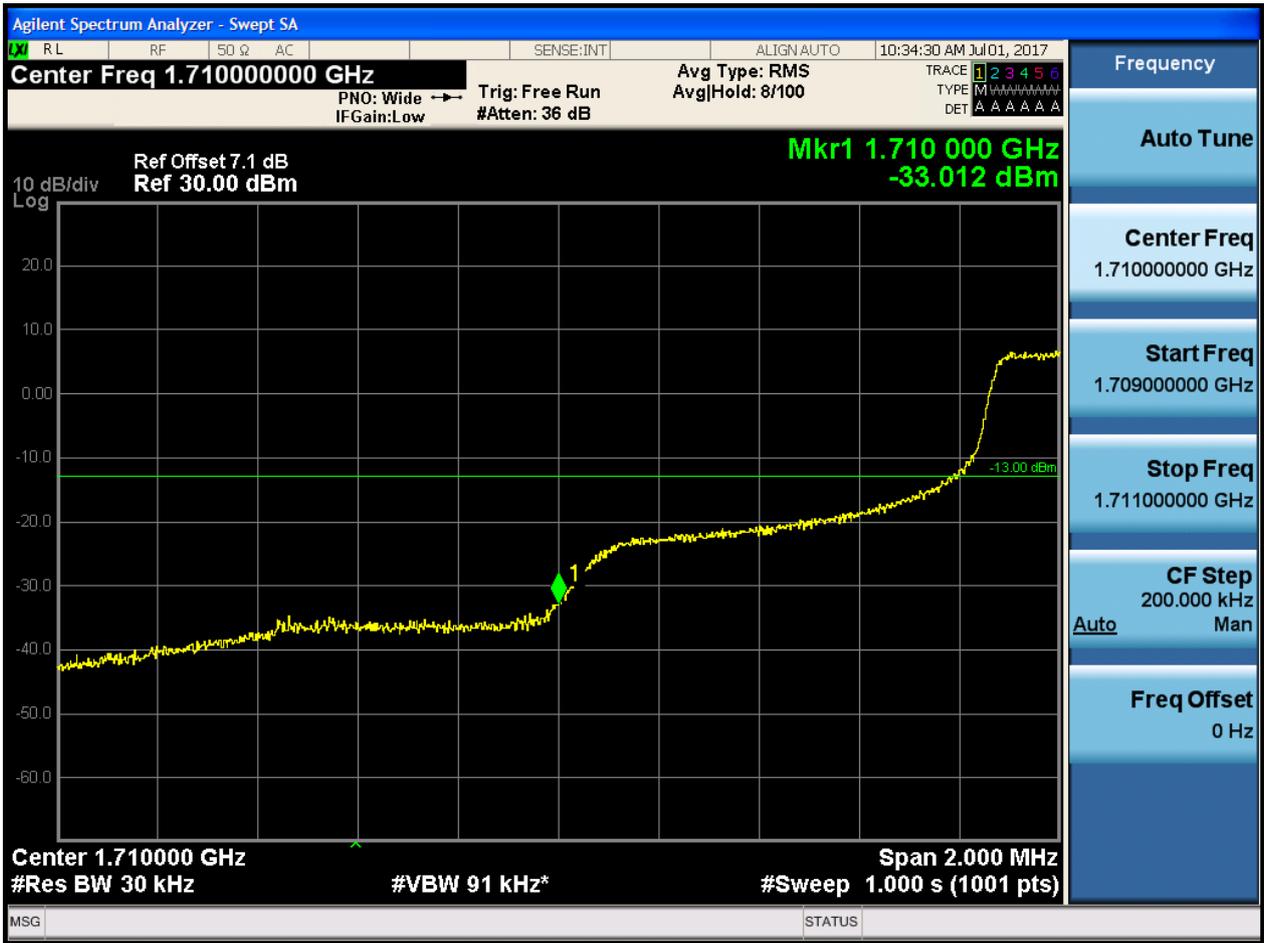
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



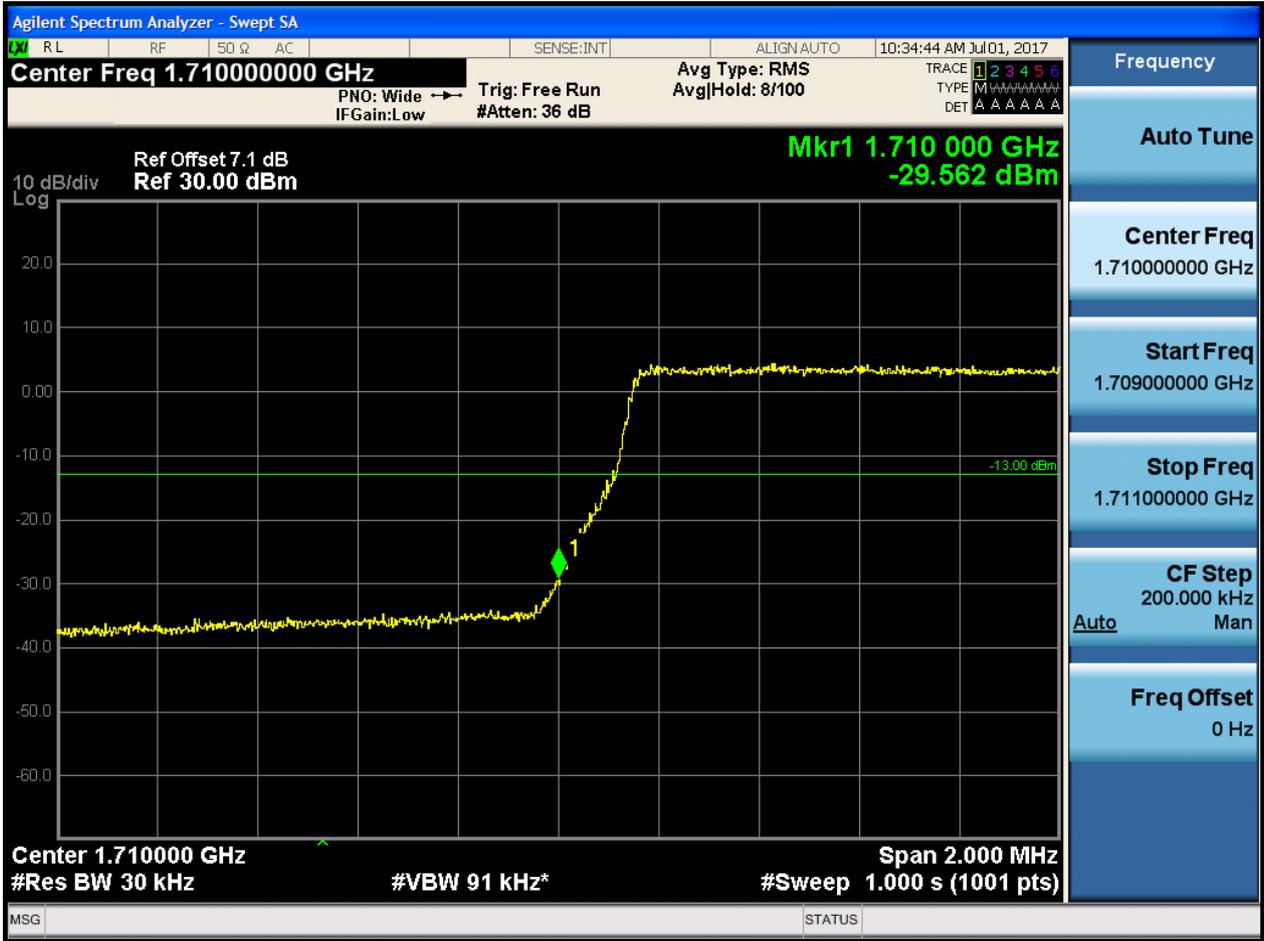


5.1.1.1.2.1.3 Test RB = RB8#4





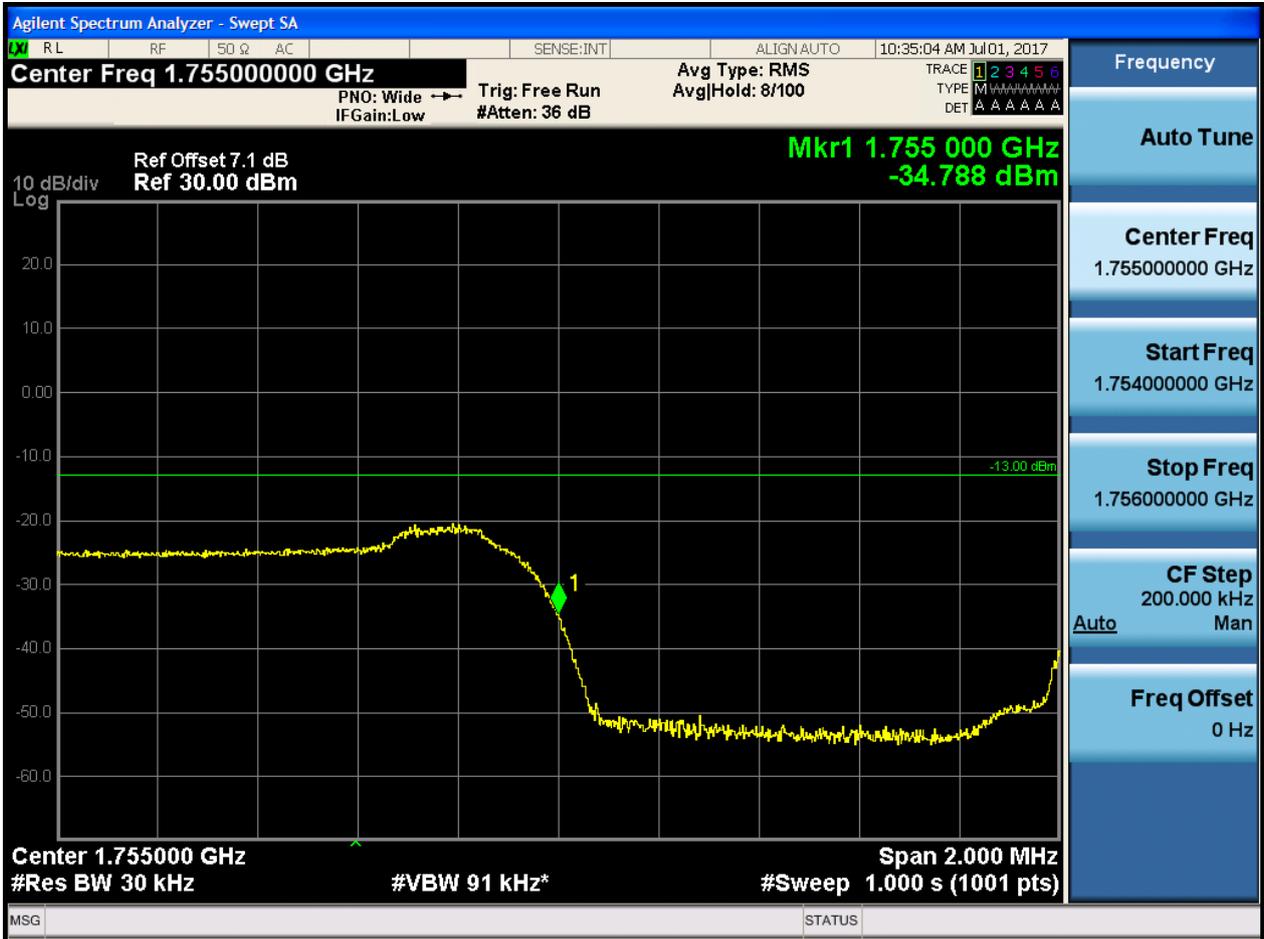
5.1.1.1.2.1.4 Test RB = RB15#0





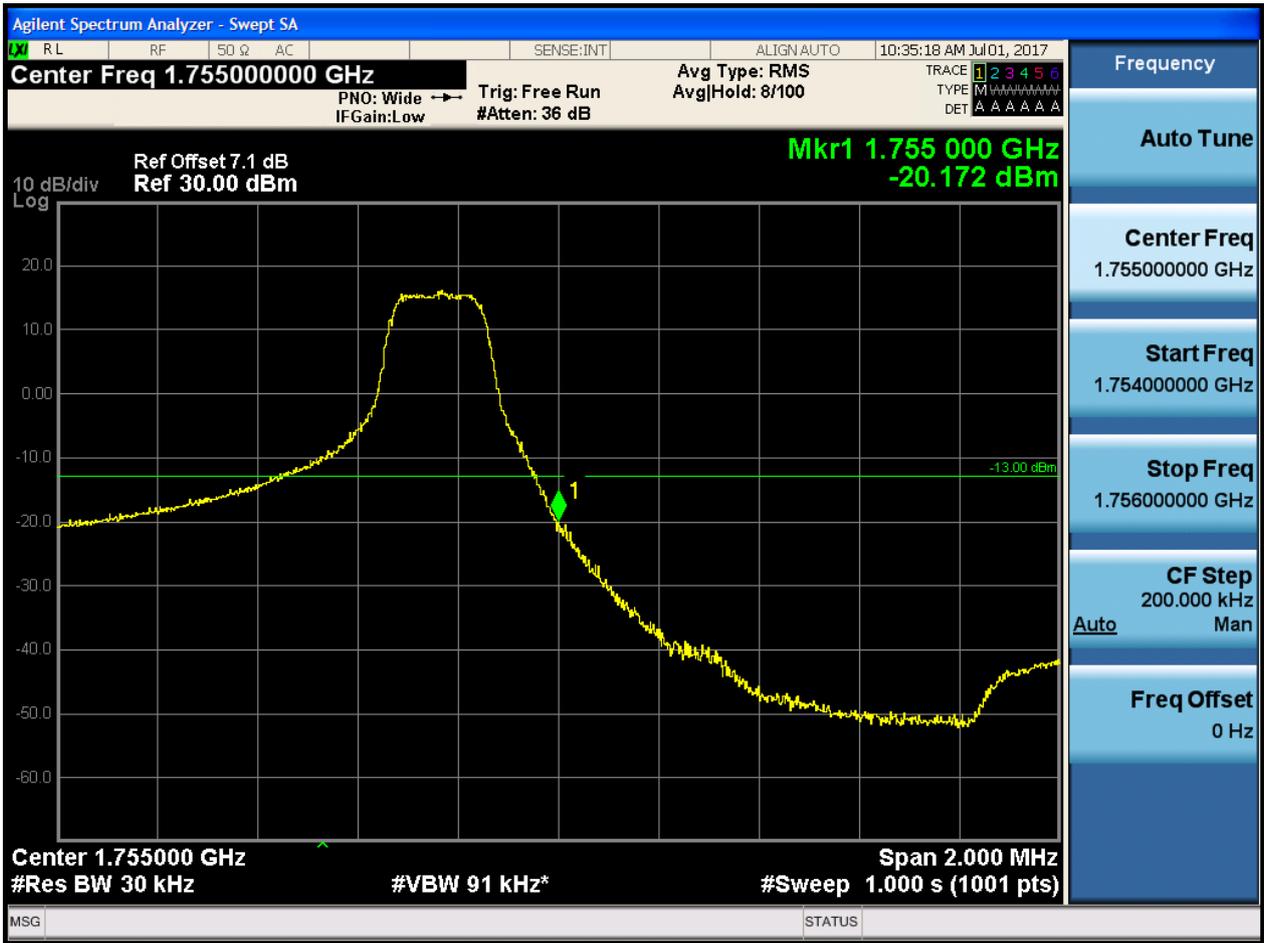
5.1.1.1.2.2 Test Channel = HCH

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

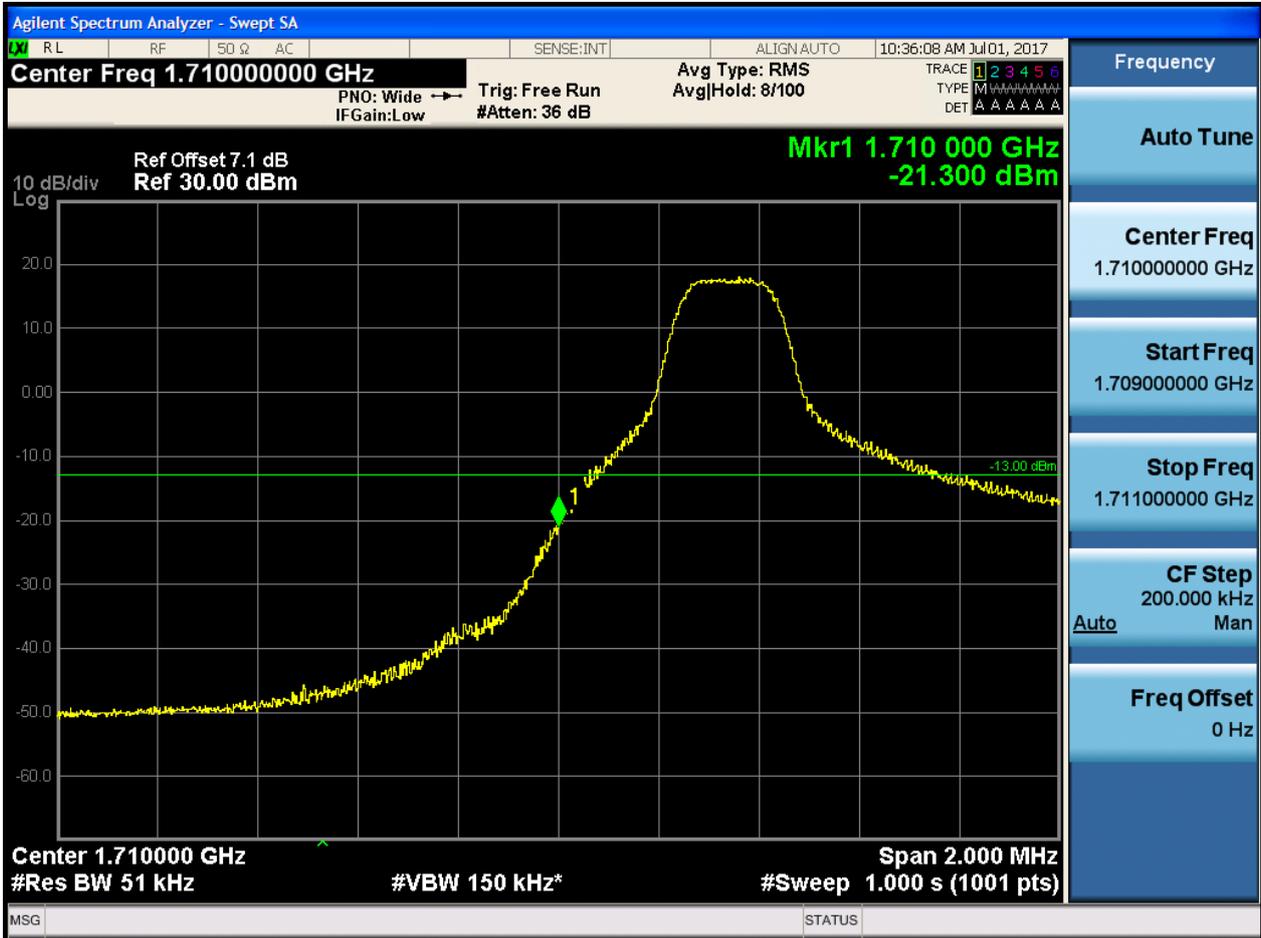




5.1.1.1.3 Test Bandwidth = 5

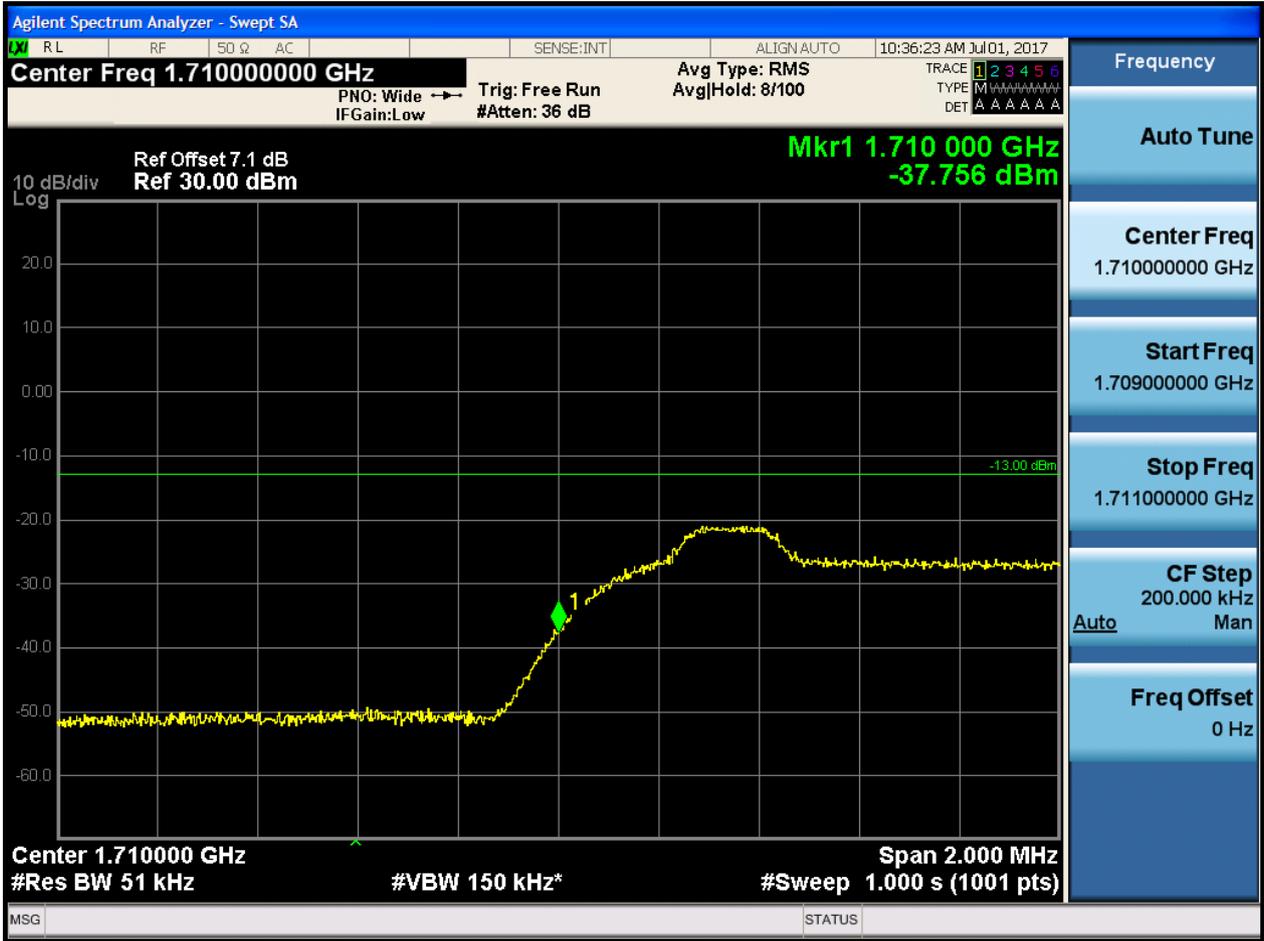
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



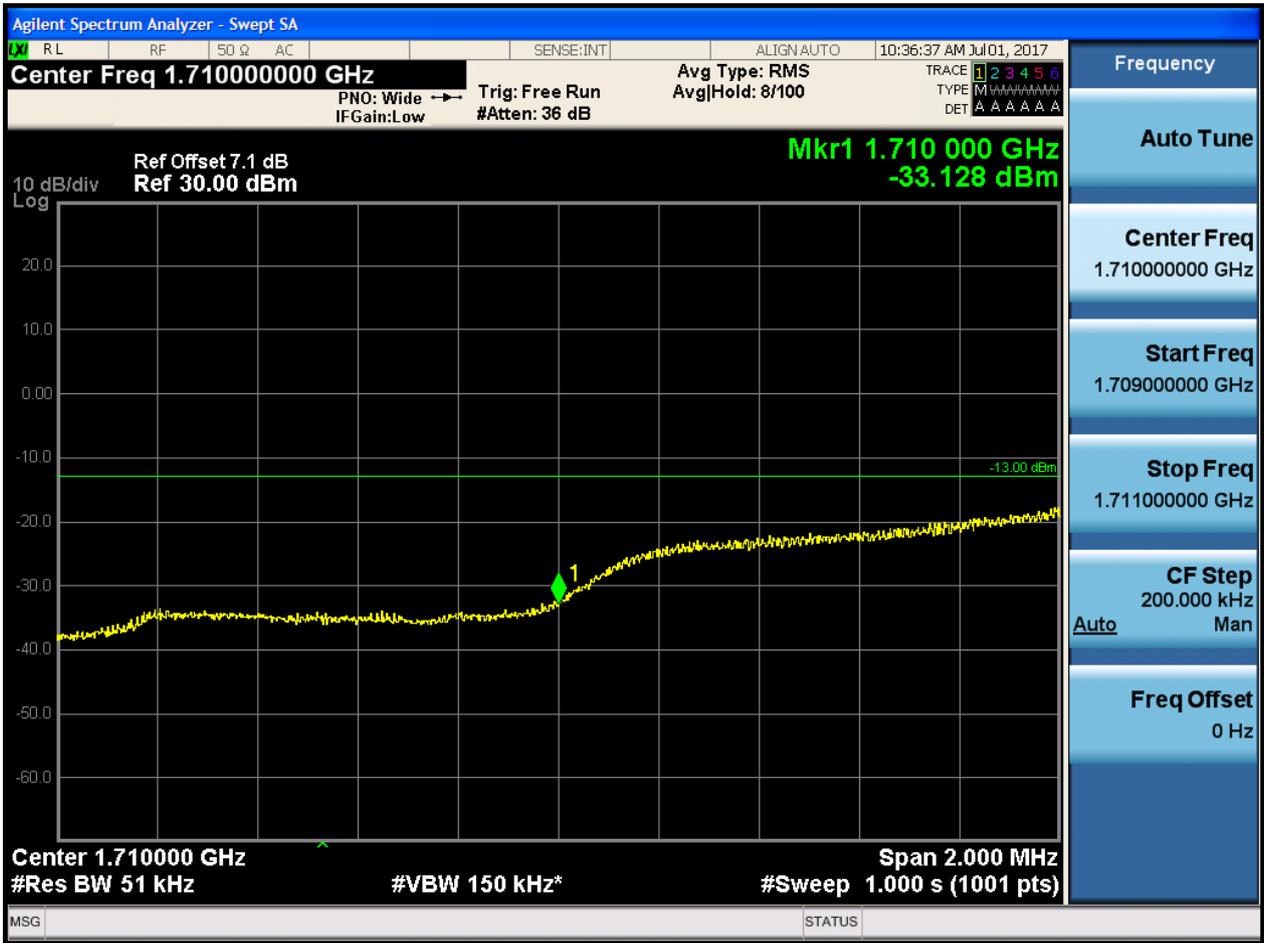


5.1.1.1.3.1.2 Test RB = RB1#24





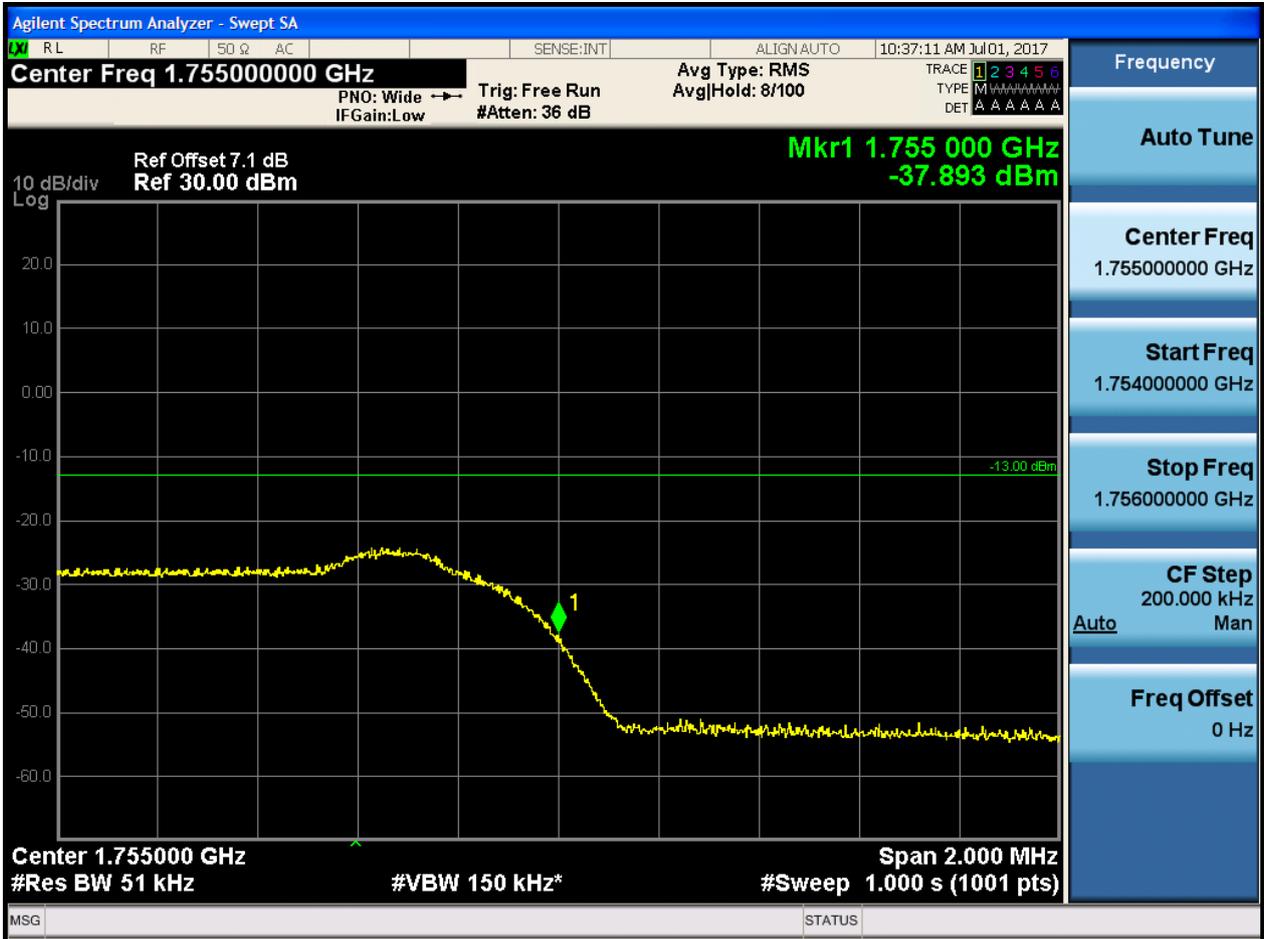
5.1.1.1.3.1.3 Test RB = RB12#6





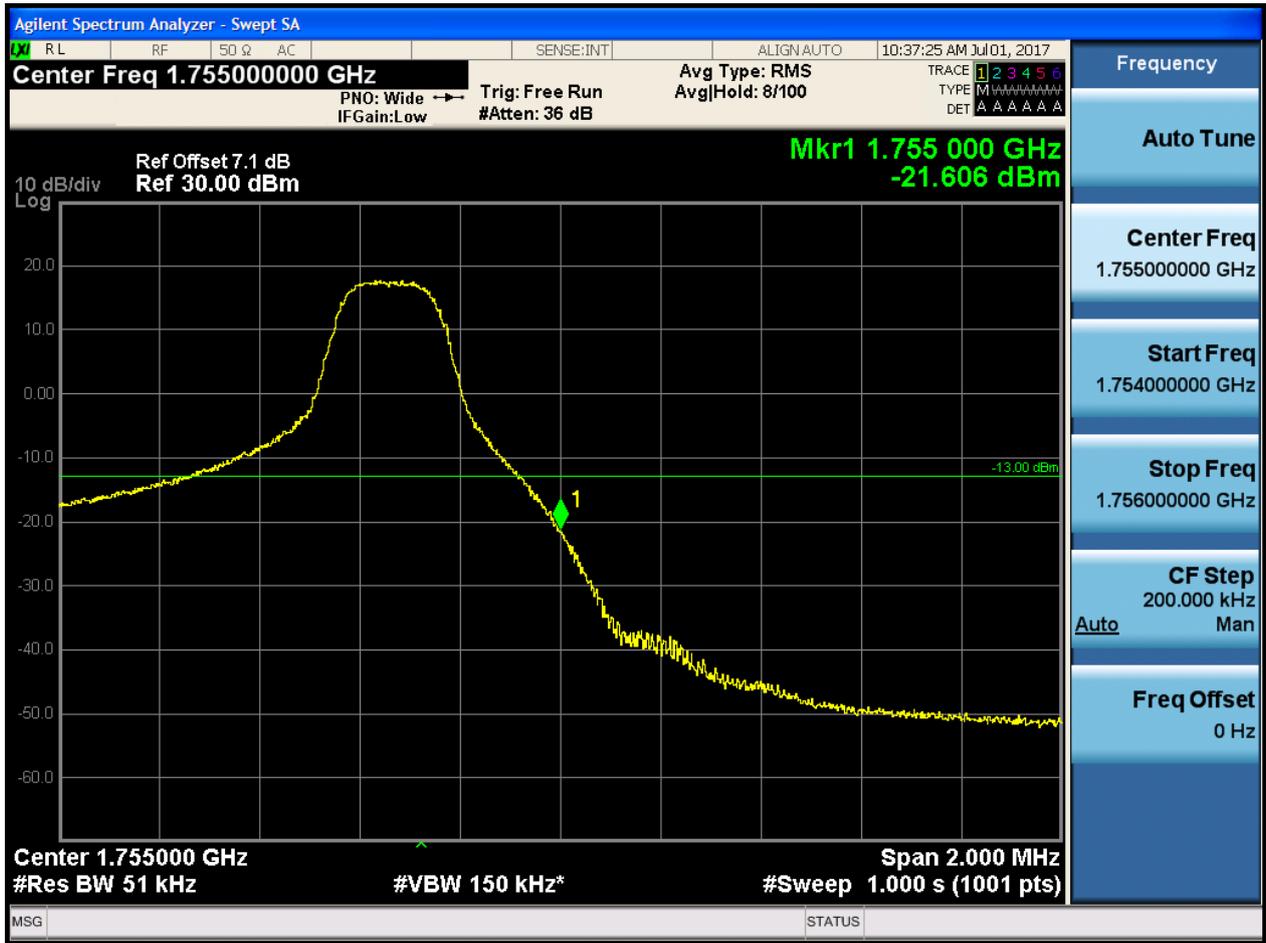
5.1.1.1.3.2 Test Channel = HCH

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

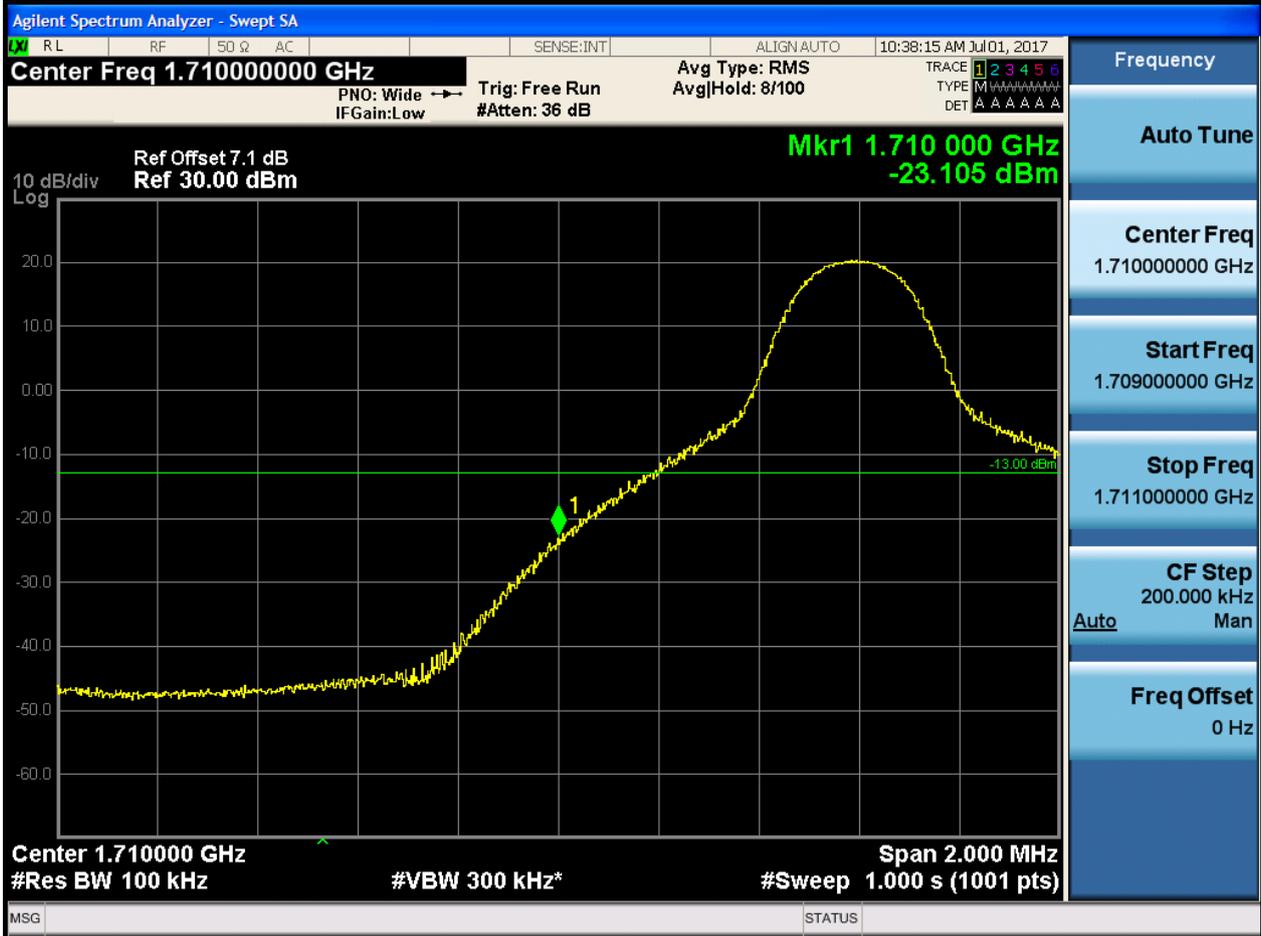




5.1.1.1.4 Test Bandwidth = 10

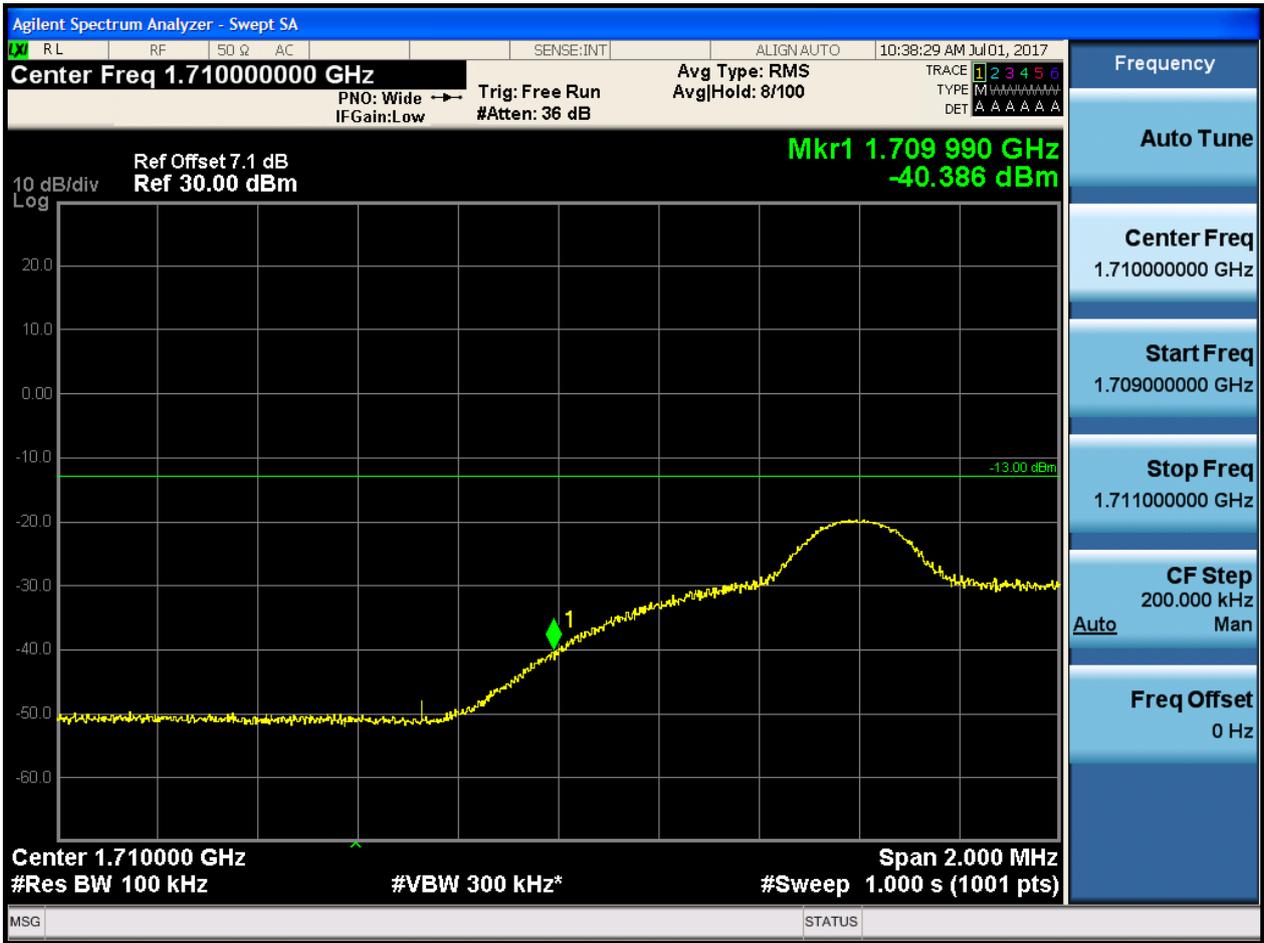
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



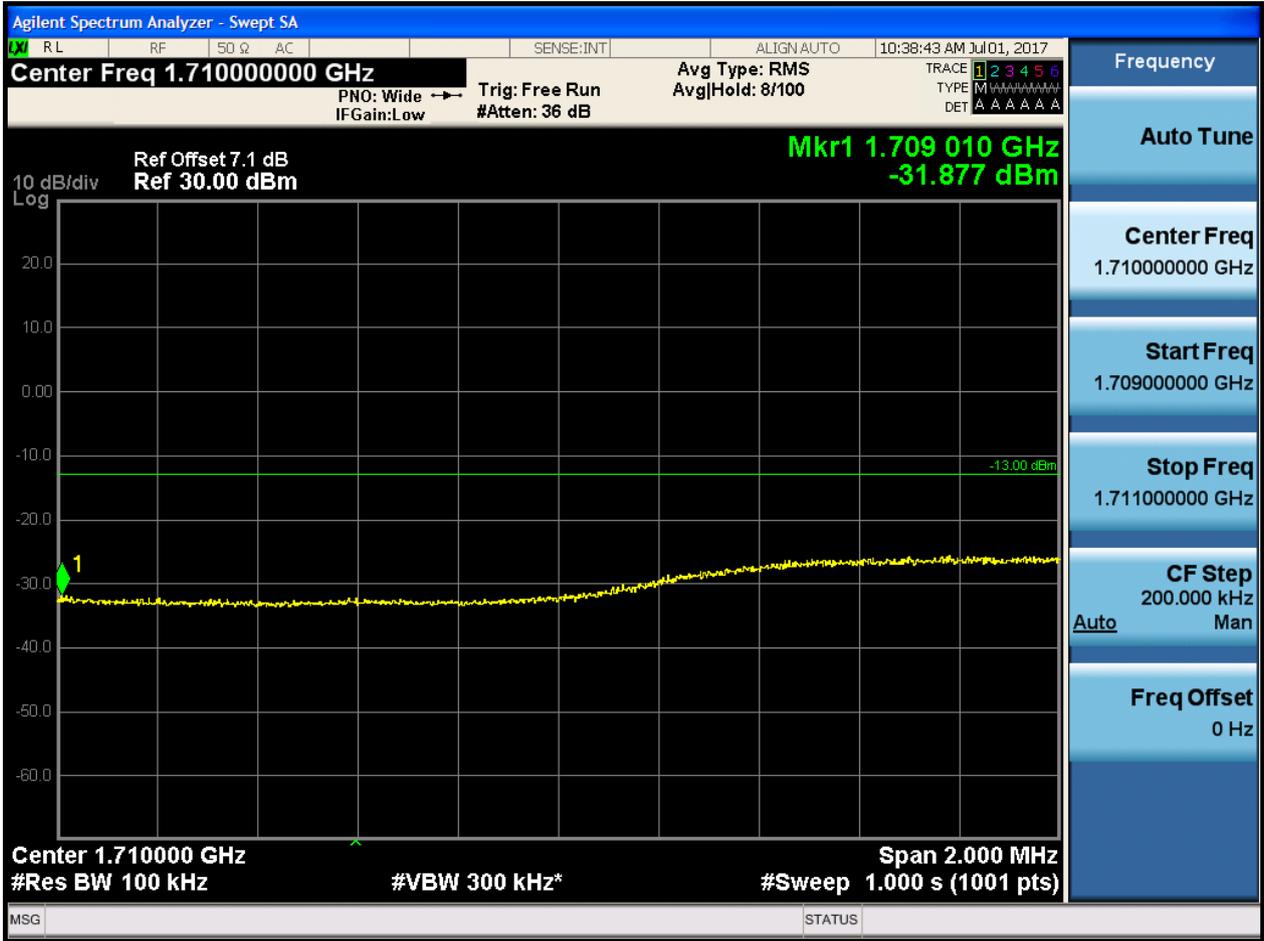


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





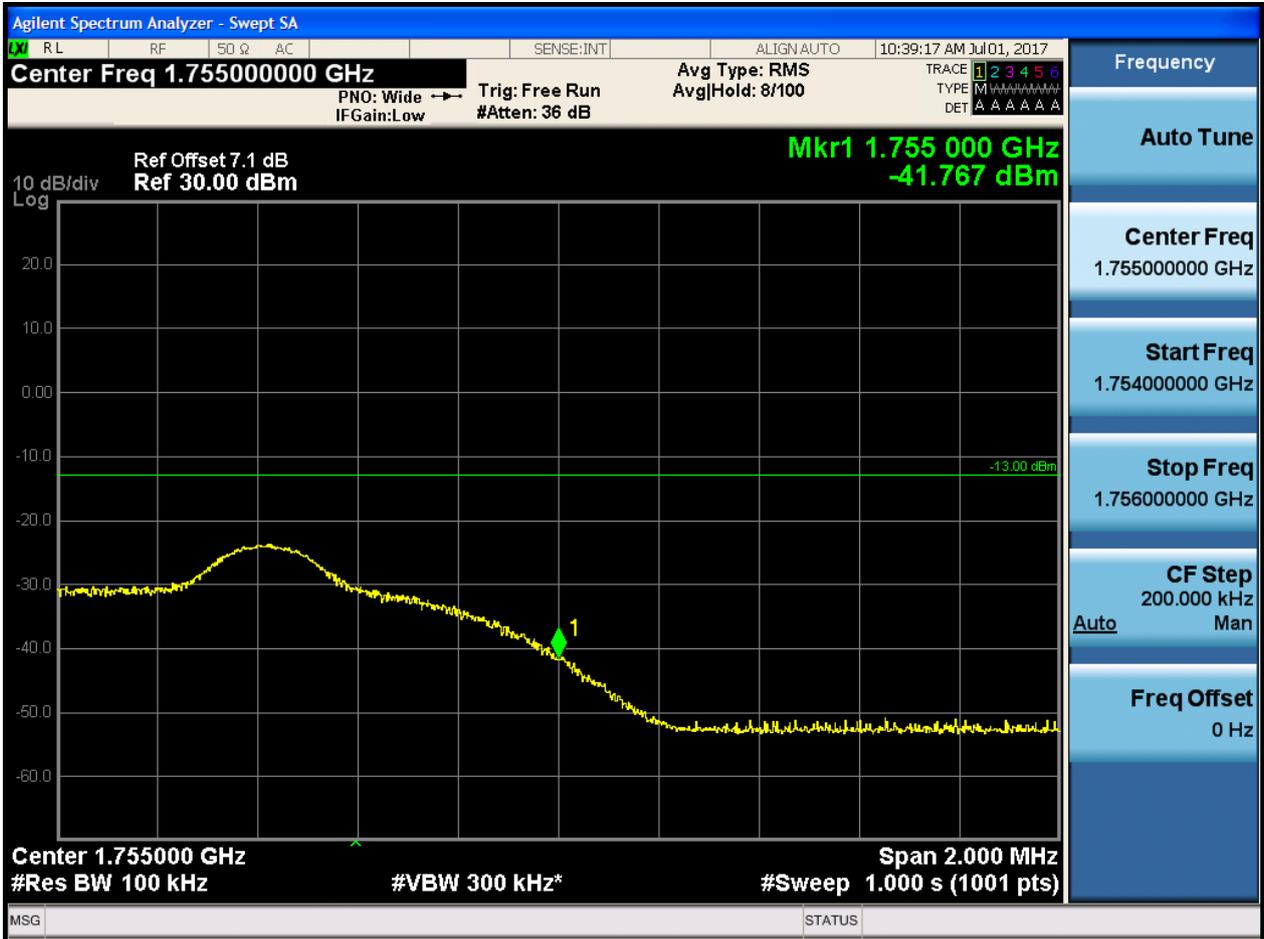
5.1.1.1.4.1.4 Test RB = RB50#0





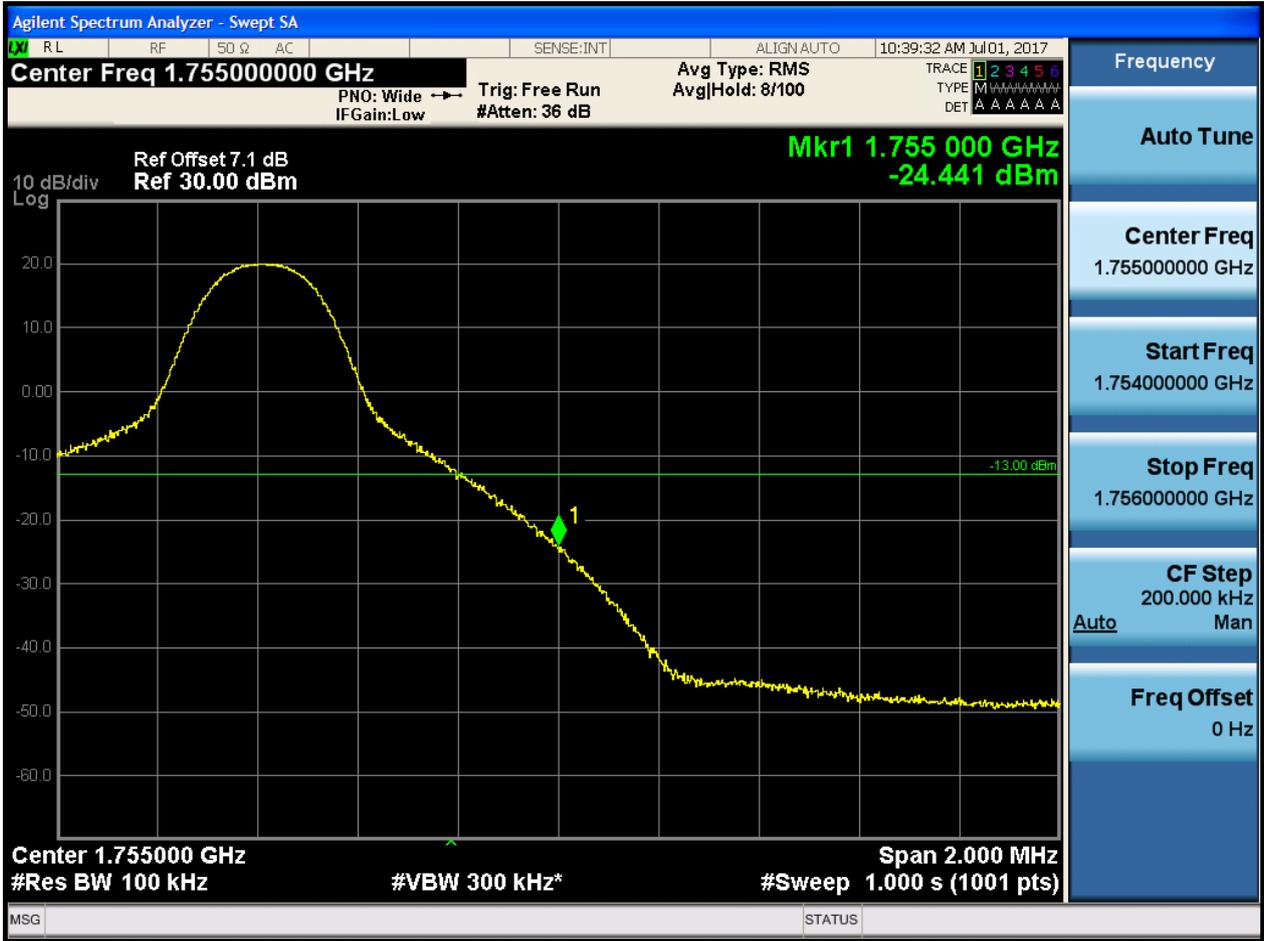
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



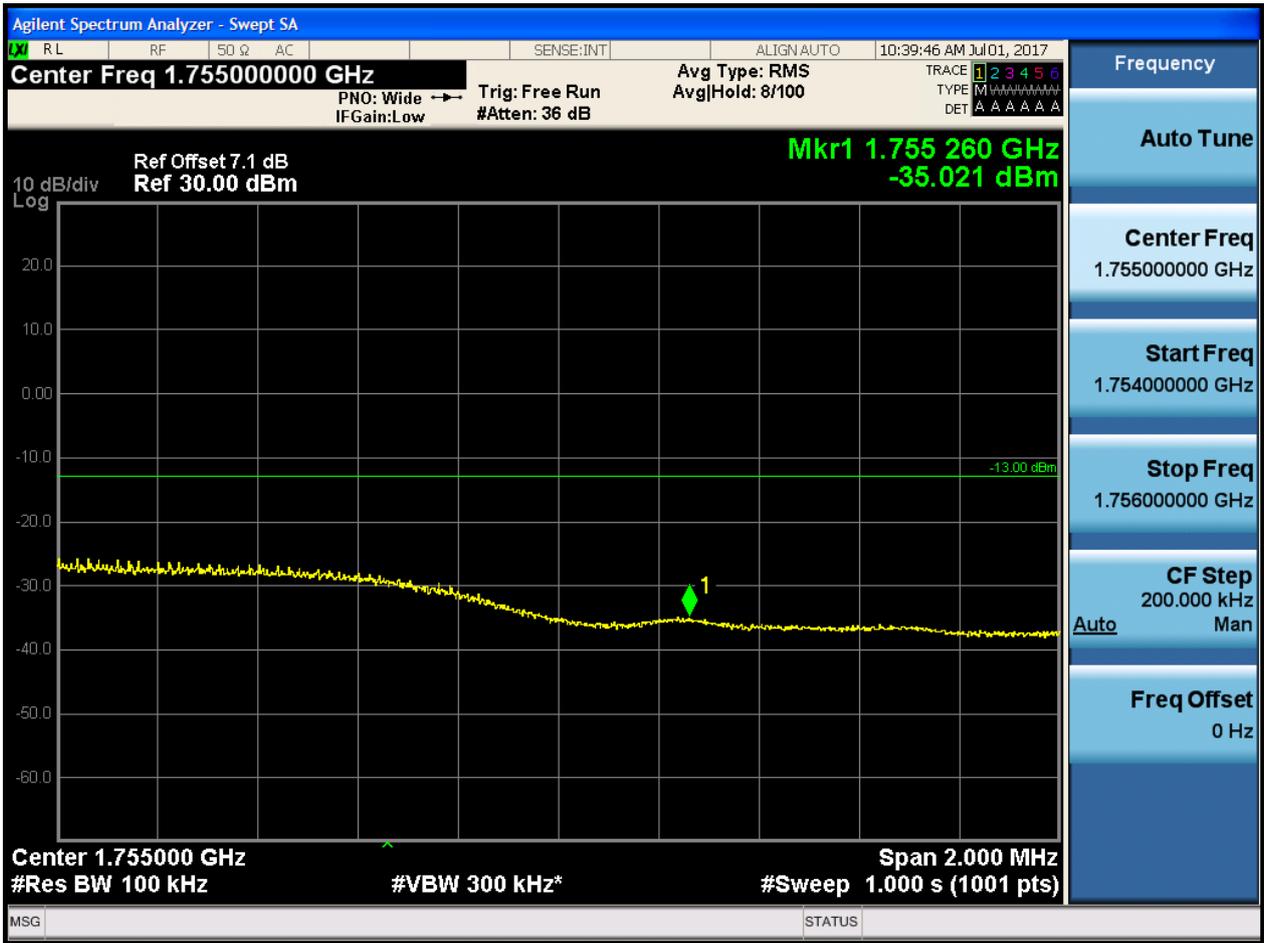


5.1.1.1.4.2.2 Test RB = RB1#49





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

