



# Appendix for test report

## 1 Appendix\_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	21.67	18.47	30	PASS
				RB1#3	21.9	18.7	30	PASS
				RB1#5	21.81	18.61	30	PASS
				RB3#0	21.66	18.46	30	PASS
				RB3#2	21.79	18.59	30	PASS
				RB3#3	21.76	18.56	30	PASS
				RB6#0	20.69	17.49	30	PASS
			MCH	RB1#0	22	18.8	30	PASS
				RB1#3	22.11	18.91	30	PASS
				RB1#5	21.88	18.68	30	PASS
				RB3#0	22	18.8	30	PASS
				RB3#2	22.02	18.82	30	PASS
				RB3#3	21.93	18.73	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	20.97	17.77	30	PASS
			HCH	RB1#0	22	18.8	30	PASS
				RB1#3	22.17	18.97	30	PASS
				RB1#5	22.12	18.92	30	PASS
				RB3#0	22	18.8	30	PASS
				RB3#2	22.14	18.94	30	PASS
				RB3#3	22.14	18.94	30	PASS
				RB6#0	21.07	17.87	30	PASS
		3		LCH	RB1#0	21.22	18.02	30
			RB1#7		21.86	18.66	30	PASS
			RB1#14		21.72	18.52	30	PASS
			RB8#0		20.49	17.29	30	PASS
			RB8#4		20.74	17.54	30	PASS
			RB8#7		20.77	17.57	30	PASS
			RB15#0		20.61	17.41	30	PASS
			MCH	RB1#0	21.59	18.39	30	PASS
				RB1#7	22.05	18.85	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#14	21.64	18.44	30	PASS	
				RB8#0	20.74	17.54	30	PASS	
				RB8#4	20.92	17.72	30	PASS	
				RB8#7	20.9	17.7	30	PASS	
				RB15#0	20.81	17.61	30	PASS	
			HCH	RB1#0	21.7	18.5	30	PASS	
				RB1#7	22.19	18.99	30	PASS	
				RB1#14	21.96	18.76	30	PASS	
				RB8#0	21.02	17.82	30	PASS	
				RB8#4	21	17.8	30	PASS	
		LCH	RB8#7	21.03	17.83	30	PASS		
			RB15#0	20.9	17.7	30	PASS		
			5	LCH	RB1#0	21.11	17.91	30	PASS
					RB1#13	22.04	18.84	30	PASS
					RB1#24	21.52	18.32	30	PASS
		RB12#0			20.51	17.31	30	PASS	
		RB12#6			20.85	17.65	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#13	20.78	17.58	30	PASS
				RB25#0	20.52	17.32	30	PASS
			MCH	RB1#0	21.43	18.23	30	PASS
				RB1#13	22.03	18.83	30	PASS
				RB1#24	21.35	18.15	30	PASS
				RB12#0	20.74	17.54	30	PASS
				RB12#6	20.93	17.73	30	PASS
				RB12#13	20.65	17.45	30	PASS
				RB25#0	20.69	17.49	30	PASS
				HCH	RB1#0	21.52	18.32	30
			RB1#13		22.5	19.3	30	PASS
			RB1#24		21.73	18.53	30	PASS
			RB12#0		21.15	17.95	30	PASS
			RB12#6		21.4	18.2	30	PASS
			RB12#13		21.04	17.84	30	PASS
			RB25#0		20.91	17.71	30	PASS
			10	LCH	RB1#0	21.27	18.07	30

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	22.18	18.98	30	PASS
				RB1#49	22.05	18.85	30	PASS
				RB25#0	20.42	17.22	30	PASS
				RB25#13	20.83	17.63	30	PASS
				RB25#25	20.74	17.54	30	PASS
				RB50#0	20.77	17.57	30	PASS
			MCH	RB1#0	21.65	18.45	30	PASS
				RB1#25	22	18.8	30	PASS
				RB1#49	21.88	18.68	30	PASS
				RB25#0	20.91	17.71	30	PASS
				RB25#13	20.92	17.72	30	PASS
				RB25#25	20.74	17.54	30	PASS
				RB50#0	20.76	17.56	30	PASS
			HCH	RB1#0	22	18.8	30	PASS
				RB1#25	22.41	19.21	30	PASS
				RB1#49	21.97	18.77	30	PASS
				RB25#0	20.92	17.72	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB25#13	21.14	17.94	30	PASS	
				RB25#25	20.76	17.56	30	PASS	
				RB50#0	20.83	17.63	30	PASS	
		15	LCH	RB1#0	21.71	18.51	30	PASS	
				RB1#38	22.34	19.14	30	PASS	
				RB1#74	22.01	18.81	30	PASS	
				RB38#0	20.86	17.66	30	PASS	
				RB38#19	21.31	18.11	30	PASS	
				RB38#39	21.05	17.85	30	PASS	
				RB75#0	20.97	17.77	30	PASS	
				MCH	RB1#0	22.18	18.98	30	PASS
					RB1#38	22.14	18.94	30	PASS
					RB1#74	21.91	18.71	30	PASS
					RB38#0	21.15	17.95	30	PASS
					RB38#19	21.19	17.99	30	PASS
RB38#39	21	17.8	30		PASS				
RB75#0	20.96	17.76	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.26	19.06	30	PASS
				RB1#38	22.59	19.39	30	PASS
				RB1#74	21.94	18.74	30	PASS
				RB38#0	21.15	17.95	30	PASS
				RB38#19	21.17	17.97	30	PASS
				RB38#39	20.79	17.59	30	PASS
				RB75#0	20.99	17.79	30	PASS
		20	LCH	RB1#0	22.12	18.92	30	PASS
				RB1#50	22.41	19.21	30	PASS
				RB1#99	22.27	19.07	30	PASS
				RB50#0	21.36	18.16	30	PASS
				RB50#25	21.5	18.3	30	PASS
				RB50#50	21.55	18.35	30	PASS
				RB100#0	21.47	18.27	30	PASS
				MCH	RB1#0	22.83	19.63	30
RB1#50	22.13	18.93	30		PASS			
RB1#99	22.52	19.32	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	21.42	18.22	30	PASS
				RB50#25	21.04	17.84	30	PASS
				RB50#50	21.25	18.05	30	PASS
				RB100#0	21.3	18.1	30	PASS
			HCH	RB1#0	22.55	19.35	30	PASS
				RB1#50	22.43	19.23	30	PASS
				RB1#99	22.48	19.28	30	PASS
				RB50#0	21.31	18.11	30	PASS
				RB50#25	21.35	18.15	30	PASS
				RB50#50	21.18	17.98	30	PASS
				RB100#0	21.11	17.91	30	PASS
				LCH	RB1#0	20.63	17.43	30
			RB1#3		20.87	17.67	30	PASS
			RB1#5		21.06	17.86	30	PASS
RB3#0	20.88	17.68	30		PASS			
RB3#2	21	17.8	30		PASS			
RB3#3	21.01	17.81	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB6#0	19.87	16.67	30	PASS
			MCH	RB1#0	21.31	18.11	30	PASS
				RB1#3	21.4	18.2	30	PASS
				RB1#5	21.21	18.01	30	PASS
				RB3#0	21.14	17.94	30	PASS
				RB3#2	21.15	17.95	30	PASS
				RB3#3	21.06	17.86	30	PASS
				RB6#0	20.08	16.88	30	PASS
				HCH	RB1#0	21.35	18.15	30
			RB1#3		21.48	18.28	30	PASS
			RB1#5		21.44	18.24	30	PASS
			RB3#0		21.19	17.99	30	PASS
			RB3#2		21.34	18.14	30	PASS
			RB3#3		21.33	18.13	30	PASS
			RB6#0		20.29	17.09	30	PASS
		3	LCH		RB1#0	20.32	17.12	30
				RB1#7	20.95	17.75	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#14	20.8	17.6	30	PASS
				RB8#0	19.59	16.39	30	PASS
				RB8#4	19.83	16.63	30	PASS
				RB8#7	19.86	16.66	30	PASS
				RB15#0	19.64	16.44	30	PASS
			MCH	RB1#0	20.65	17.45	30	PASS
			MCH	RB1#7	21.2	18	30	PASS
			MCH	RB1#14	20.96	17.76	30	PASS
			MCH	RB8#0	19.98	16.78	30	PASS
			MCH	RB8#4	19.89	16.69	30	PASS
			MCH	RB8#7	19.91	16.71	30	PASS
			MCH	RB15#0	19.76	16.56	30	PASS
			HCH	RB1#0	21.07	17.87	30	PASS
			HCH	RB1#7	21.54	18.34	30	PASS
			HCH	RB1#14	21.26	18.06	30	PASS
			HCH	RB8#0	20.31	17.11	30	PASS
			HCH	RB8#4	20.27	17.07	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB8#7	20.29	17.09	30	PASS	
				RB15#0	20.17	16.97	30	PASS	
		5	LCH	RB1#0	20.2	17	30	PASS	
				RB1#13	21.16	17.96	30	PASS	
				RB1#24	20.65	17.45	30	PASS	
				RB12#0	19.55	16.35	30	PASS	
				RB12#6	19.9	16.7	30	PASS	
				RB12#13	19.84	16.64	30	PASS	
				RB25#0	19.52	16.32	30	PASS	
				MCH	RB1#0	20.58	17.38	30	PASS
			RB1#13		21.29	18.09	30	PASS	
			RB1#24		20.78	17.58	30	PASS	
			RB12#0		19.98	16.78	30	PASS	
			RB12#6		20.18	16.98	30	PASS	
			RB12#13		19.93	16.73	30	PASS	
			RB25#0		19.69	16.49	30	PASS	
			HCH	RB1#0	20.93	17.73	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#13	21.66	18.46	30	PASS	
				RB1#24	20.89	17.69	30	PASS	
				RB12#0	20.14	16.94	30	PASS	
				RB12#6	20.41	17.21	30	PASS	
				RB12#13	20.06	16.86	30	PASS	
				RB25#0	19.88	16.68	30	PASS	
		10	LCH	RB1#0	20.5	17.3	30	PASS	
				RB1#25	21.36	18.16	30	PASS	
				RB1#49	21.27	18.07	30	PASS	
				RB25#0	19.4	16.2	30	PASS	
				RB25#13	19.83	16.63	30	PASS	
				RB25#25	19.74	16.54	30	PASS	
				RB50#0	19.76	16.56	30	PASS	
				MCH	RB1#0	20.91	17.71	30	PASS
					RB1#25	21.24	18.04	30	PASS
					RB1#49	21.17	17.97	30	PASS
RB25#0	19.87	16.67	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#13	19.64	16.44	30	PASS
				RB25#25	19.48	16.28	30	PASS
				RB50#0	19.51	16.31	30	PASS
			HCH	RB1#0	21.28	18.08	30	PASS
				RB1#25	21.71	18.51	30	PASS
				RB1#49	21.18	17.98	30	PASS
				RB25#0	19.92	16.72	30	PASS
				RB25#13	20.17	16.97	30	PASS
				RB25#25	19.77	16.57	30	PASS
		15	LCH	RB50#0	19.86	16.66	30	PASS
				RB1#0	21	17.8	30	PASS
				RB1#38	21.64	18.44	30	PASS
				RB1#74	21.31	18.11	30	PASS
				RB38#0	19.87	16.67	30	PASS
				RB38#19	20.08	16.88	30	PASS
RB38#39	20.07	16.87	30	PASS				
RB75#0	20	16.8	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.29	18.09	30	PASS
				RB1#38	21.21	18.01	30	PASS
				RB1#74	21.03	17.83	30	PASS
				RB38#0	20.14	16.94	30	PASS
				RB38#19	20.2	17	30	PASS
				RB38#39	20.05	16.85	30	PASS
				RB75#0	19.98	16.78	30	PASS
			HCH	RB1#0	21.53	18.33	30	PASS
				RB1#38	21.84	18.64	30	PASS
				RB1#74	21.09	17.89	30	PASS
				RB38#0	20.25	17.05	30	PASS
				RB38#19	20.24	17.04	30	PASS
				RB38#39	19.86	16.66	30	PASS
				RB75#0	20.05	16.85	30	PASS
		20	LCH	RB1#0	21.29	18.09	30	PASS
				RB1#50	21.6	18.4	30	PASS
				RB1#99	21.41	18.21	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB50#0	20.39	17.19	30	PASS
				RB50#25	20.3	17.1	30	PASS
				RB50#50	20.32	17.12	30	PASS
				RB100#0	20.26	17.06	30	PASS
			MCH	RB1#0	22.17	18.97	30	PASS
				RB1#50	21.57	18.37	30	PASS
				RB1#99	21.91	18.71	30	PASS
				RB50#0	20.42	17.22	30	PASS
				RB50#25	20.06	16.86	30	PASS
				RB50#50	20.33	17.13	30	PASS
				RB100#0	20.36	17.16	30	PASS
				HCH	RB1#0	21.94	18.74	30
			RB1#50		21.86	18.66	30	PASS
			RB1#99		21.77	18.57	30	PASS
			RB50#0		20.41	17.21	30	PASS
			RB50#25		20.36	17.16	30	PASS
			RB50#50		20.22	17.02	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB100#0	20.2	17	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: RBW > emission bandwidth, VBW > 3 x RBW.

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	5.61	13	PASS
				RB1#3	5.51	13	PASS
				RB1#5	5.55	13	PASS
				RB3#0	5.8	13	PASS
				RB3#2	5.7	13	PASS
				RB3#3	5.74	13	PASS
				RB6#0	6.21	13	PASS
			MCH	RB1#0	5.19	13	PASS
				RB1#3	5.06	13	PASS
				RB1#5	5.21	13	PASS
				RB3#0	5.42	13	PASS
				RB3#2	5.36	13	PASS
				RB3#3	5.44	13	PASS
				RB6#0	6.18	13	PASS
		HCH	RB1#0	5.14	13	PASS	
			RB1#3	4.93	13	PASS	
			RB1#5	4.93	13	PASS	
			RB3#0	5.43	13	PASS	
			RB3#2	5.24	13	PASS	
			RB3#3	5.3	13	PASS	
			RB6#0	6.02	13	PASS	
		3	LCH	RB1#0	5.35	13	PASS
				RB1#7	5.05	13	PASS
				RB1#14	5.01	13	PASS
				RB8#0	6.07	13	PASS
				RB8#4	5.88	13	PASS
				RB8#7	5.88	13	PASS
				RB15#0	6.06	13	PASS
MCH	RB1#0		4.9	13	PASS		
	RB1#7		4.65	13	PASS		
	RB1#14		4.88	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	5.64	13	PASS	
				RB8#4	5.53	13	PASS	
				RB8#7	5.56	13	PASS	
				RB15#0	6.05	13	PASS	
			HCH	RB1#0	5.1	13	PASS	
				RB1#7	4.77	13	PASS	
				RB1#14	4.81	13	PASS	
				RB8#0	6	13	PASS	
				RB8#4	5.99	13	PASS	
				RB8#7	5.83	13	PASS	
				RB15#0	6.04	13	PASS	
				LCH	RB1#0	5.63	13	PASS
					RB1#13	5.2	13	PASS
					RB1#24	5.39	13	PASS
		RB12#0			6.25	13	PASS	
		RB12#6			6.22	13	PASS	
		RB12#13	6.22		13	PASS		
		RB25#0	6.07		13	PASS		
		MCH	RB1#0	5.12	13	PASS		
			RB1#13	4.88	13	PASS		
			RB1#24	5.38	13	PASS		
			RB12#0	6.07	13	PASS		
			RB12#6	5.95	13	PASS		
			RB12#13	6.11	13	PASS		
		HCH	RB25#0	6.84	13	PASS		
			RB1#0	5.63	13	PASS		
			RB1#13	5.06	13	PASS		
			RB1#24	5.43	13	PASS		
			RB12#0	6.13	13	PASS		
			RB12#6	5.96	13	PASS		
		LCH	RB12#13	6.19	13	PASS		
			RB25#0	6.16	13	PASS		
RB1#0	5.39		13	PASS				
RB1#25	4.88		13	PASS				
RB1#49	4.63		13	PASS				
RB25#0	6.51		13	PASS				
RB25#13	6.1		13	PASS				
RB25#25	6.23	13	PASS					
RB50#0	6.44	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	4.82	13	PASS
				RB1#25	4.83	13	PASS
				RB1#49	5.21	13	PASS
				RB25#0	6.15	13	PASS
				RB25#13	6.07	13	PASS
				RB25#25	6.32	13	PASS
				RB50#0	6.45	13	PASS
			HCH	RB1#0	5.28	13	PASS
				RB1#25	5.01	13	PASS
				RB1#49	5.01	13	PASS
				RB25#0	6.34	13	PASS
				RB25#13	6.16	13	PASS
				RB25#25	6.31	13	PASS
				RB50#0	6.56	13	PASS
		15	LCH	RB1#0	5.29	13	PASS
				RB1#38	4.59	13	PASS
				RB1#74	4.46	13	PASS
				RB38#0	6.44	13	PASS
				RB38#19	6.06	13	PASS
				RB38#39	6.06	13	PASS
				RB75#0	6.26	13	PASS
			MCH	RB1#0	4.4	13	PASS
				RB1#38	4.74	13	PASS
				RB1#74	5.07	13	PASS
				RB38#0	6.18	13	PASS
				RB38#19	6.2	13	PASS
				RB38#39	6.37	13	PASS
				RB75#0	6.57	13	PASS
		HCH	RB1#0	4.97	13	PASS	
			RB1#38	4.79	13	PASS	
			RB1#74	4.85	13	PASS	
			RB38#0	6.55	13	PASS	
RB38#19	6.36		13	PASS			
RB38#39	6.48		13	PASS			
RB75#0	6.57		13	PASS			
20	LCH	RB1#0	5.03	13	PASS		
		RB1#50	4.43	13	PASS		
		RB1#99	4.57	13	PASS		
		RB50#0	6.27	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB50#25	5.93	13	PASS			
				RB50#50	5.82	13	PASS			
				RB100#0	6.29	13	PASS			
			MCH	RB1#0	4.25	13	PASS			
				RB1#50	4.92	13	PASS			
				RB1#99	5.02	13	PASS			
				RB50#0	5.92	13	PASS			
				RB50#25	6.28	13	PASS			
				RB50#50	6.3	13	PASS			
			HCH	RB100#0	6.43	13	PASS			
				RB1#0	4.93	13	PASS			
				RB1#50	5.03	13	PASS			
				RB1#99	4.76	13	PASS			
				RB50#0	6.47	13	PASS			
				RB50#25	6.56	13	PASS			
					1.4	LCH	RB50#50	6.39	13	PASS
							RB100#0	6.73	13	PASS
							RB1#0	6.56	13	PASS
	RB1#3	6.31					13	PASS		
	RB1#5	6.28					13	PASS		
	RB3#0	6.59					13	PASS		
	MCH	RB3#2				6.5	13	PASS		
		RB3#3				6.54	13	PASS		
		RB6#0				6.94	13	PASS		
		RB1#0				6	13	PASS		
		RB1#3				5.88	13	PASS		
		RB1#5				5.84	13	PASS		
				HCH	RB3#0	6.13	13	PASS		
					RB3#2	6.12	13	PASS		
					RB3#3	6.18	13	PASS		
RB6#0					6.75	13	PASS			
RB1#0					5.92	13	PASS			
RB1#3					5.76	13	PASS			
		3	LCH	RB1#5	5.75	13	PASS			
				RB3#0	5.95	13	PASS			
				RB3#2	5.91	13	PASS			
				RB3#3	5.85	13	PASS			
				RB6#0	6.41	13	PASS			
				RB1#0	6.69	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	6.38	13	PASS
				RB1#14	6.19	13	PASS
				RB8#0	6.87	13	PASS
				RB8#4	6.7	13	PASS
				RB8#7	6.65	13	PASS
				RB15#0	6.86	13	PASS
			MCH	RB1#0	6.18	13	PASS
				RB1#7	5.87	13	PASS
				RB1#14	6.01	13	PASS
				RB8#0	6.55	13	PASS
				RB8#4	6.53	13	PASS
				RB8#7	6.4	13	PASS
			HCH	RB15#0	6.84	13	PASS
				RB1#0	6.28	13	PASS
				RB1#7	5.89	13	PASS
				RB1#14	5.89	13	PASS
				RB8#0	6.63	13	PASS
				RB8#4	6.53	13	PASS
		5	LCH	RB8#7	6.5	13	PASS
				RB15#0	6.76	13	PASS
				RB1#0	6.47	13	PASS
				RB1#13	6.19	13	PASS
				RB1#24	6.22	13	PASS
				RB12#0	7.04	13	PASS
			MCH	RB12#6	6.83	13	PASS
				RB12#13	6.71	13	PASS
				RB25#0	7.5	13	PASS
				RB1#0	5.98	13	PASS
				RB1#13	5.62	13	PASS
				RB1#24	6.23	13	PASS
			HCH	RB12#0	6.58	13	PASS
				RB12#6	6.41	13	PASS
				RB12#13	6.62	13	PASS
RB25#0	7	13		PASS			
RB12#0	6.7	13		PASS			
			HCH	RB1#0	6.33	13	PASS
				RB1#13	5.87	13	PASS
				RB1#24	6.13	13	PASS
				RB12#0	6.7	13	PASS
				RB12#6	6.53	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#13	6.7	13	PASS
				RB25#0	7.01	13	PASS
		10	LCH	RB1#0	6.4	13	PASS
				RB1#25	5.72	13	PASS
				RB1#49	5.67	13	PASS
				RB25#0	7.35	13	PASS
				RB25#13	7.03	13	PASS
				RB25#25	7.03	13	PASS
				RB50#0	7.07	13	PASS
				MCH	RB1#0	5.61	13
			RB1#25		5.55	13	PASS
			RB1#49		5.83	13	PASS
			RB25#0		6.84	13	PASS
			RB25#13		6.78	13	PASS
			RB25#25		6.91	13	PASS
			HCH	RB50#0	7.13	13	PASS
				RB1#0	5.67	13	PASS
				RB1#25	5.36	13	PASS
				RB1#49	5.34	13	PASS
				RB25#0	7.24	13	PASS
		RB25#13		6.99	13	PASS	
		15	LCH	RB25#25	7.18	13	PASS
				RB50#0	7.23	13	PASS
				RB1#0	5.94	13	PASS
				RB1#38	5.09	13	PASS
				RB1#74	4.97	13	PASS
				RB38#0	7.19	13	PASS
				RB38#19	6.73	13	PASS
			MCH	RB38#39	6.79	13	PASS
				RB75#0	7.09	13	PASS
				RB1#0	5.22	13	PASS
				RB1#38	5.46	13	PASS
RB1#74	5.59			13	PASS		
RB38#0	6.75			13	PASS		
HCH	RB38#19		6.7	13	PASS		
	RB38#39	6.94	13	PASS			
	RB75#0	7.19	13	PASS			
	RB1#0	5.92	13	PASS			
			HCH	RB1#38	5.71	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#74	5.63	13	PASS
				RB38#0	7.12	13	PASS
				RB38#19	7.12	13	PASS
				RB38#39	7.19	13	PASS
				RB75#0	7.47	13	PASS
			LCH	RB1#0	5.97	13	PASS
				RB1#50	5.21	13	PASS
				RB1#99	5.43	13	PASS
				RB50#0	6.84	13	PASS
				RB50#25	6.46	13	PASS
		RB50#50		6.32	13	PASS	
		RB100#0		6.88	13	PASS	
		MCH	RB1#0	5.12	13	PASS	
			RB1#50	5.62	13	PASS	
			RB1#99	5.82	13	PASS	
			RB50#0	6.45	13	PASS	
			RB50#25	6.75	13	PASS	
			RB50#50	6.77	13	PASS	
			RB100#0	7.01	13	PASS	
		HCH	RB1#0	5.56	13	PASS	
			RB1#50	5.78	13	PASS	
			RB1#99	5.32	13	PASS	
			RB50#0	6.95	13	PASS	
			RB50#25	7	13	PASS	
			RB50#50	7.05	13	PASS	
			RB100#0	7.27	13	PASS	

### 3Appendix\_C: Modulation Characteristics

#### Part I - Test Plots

##### 3.1 For LTE

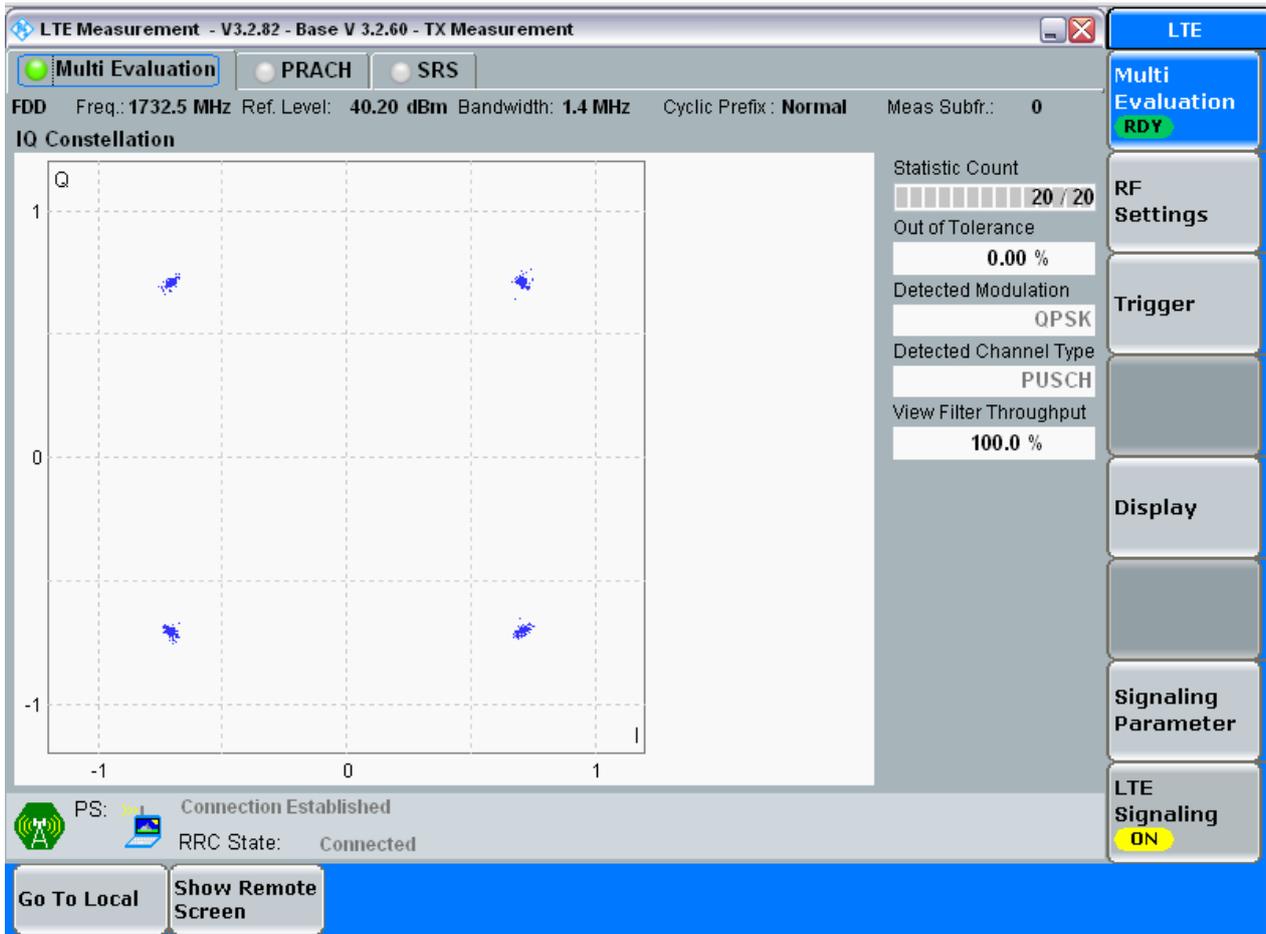
##### 3.1.1 Test Band = BAND4

##### 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

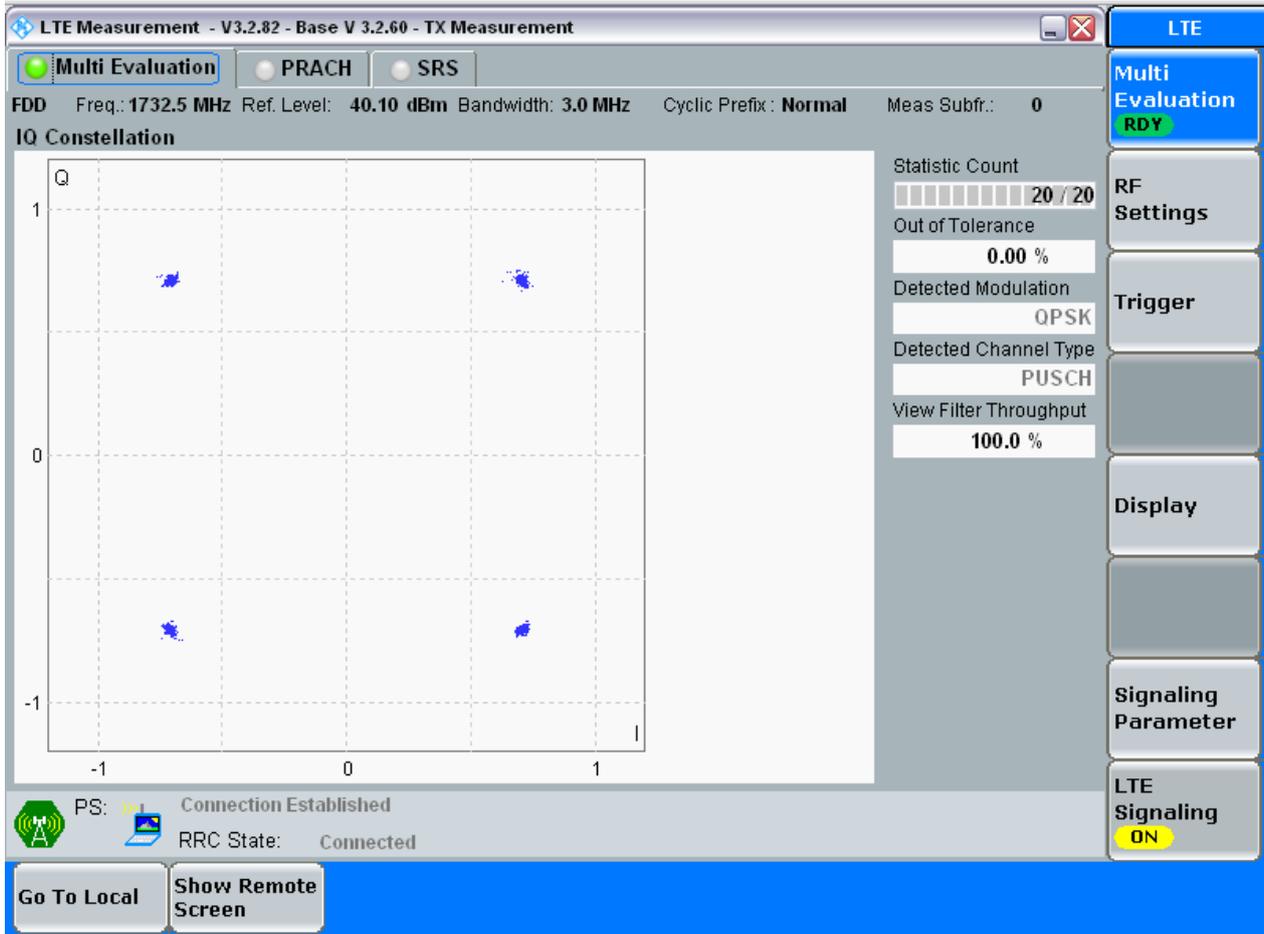
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

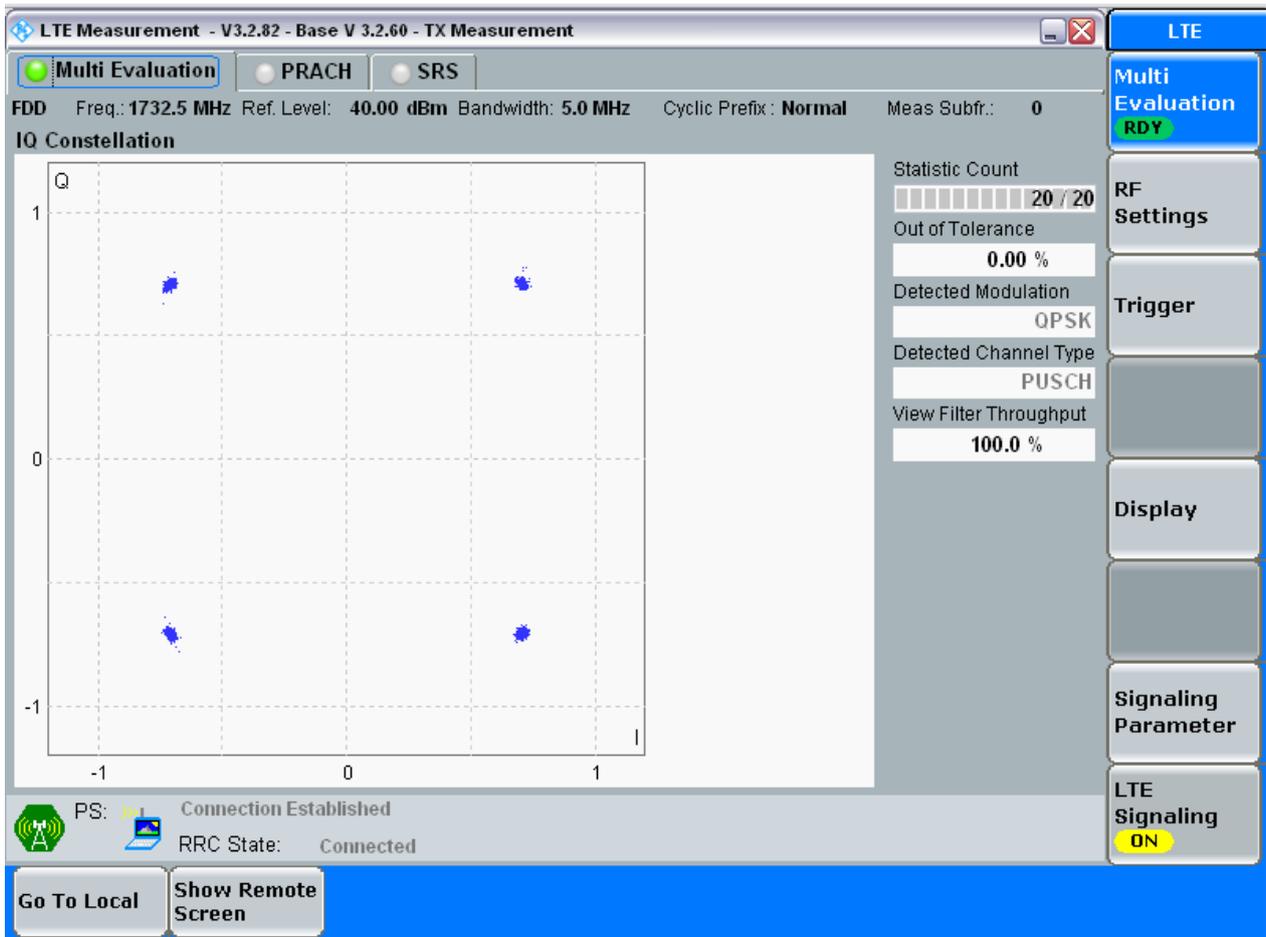
##### 3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

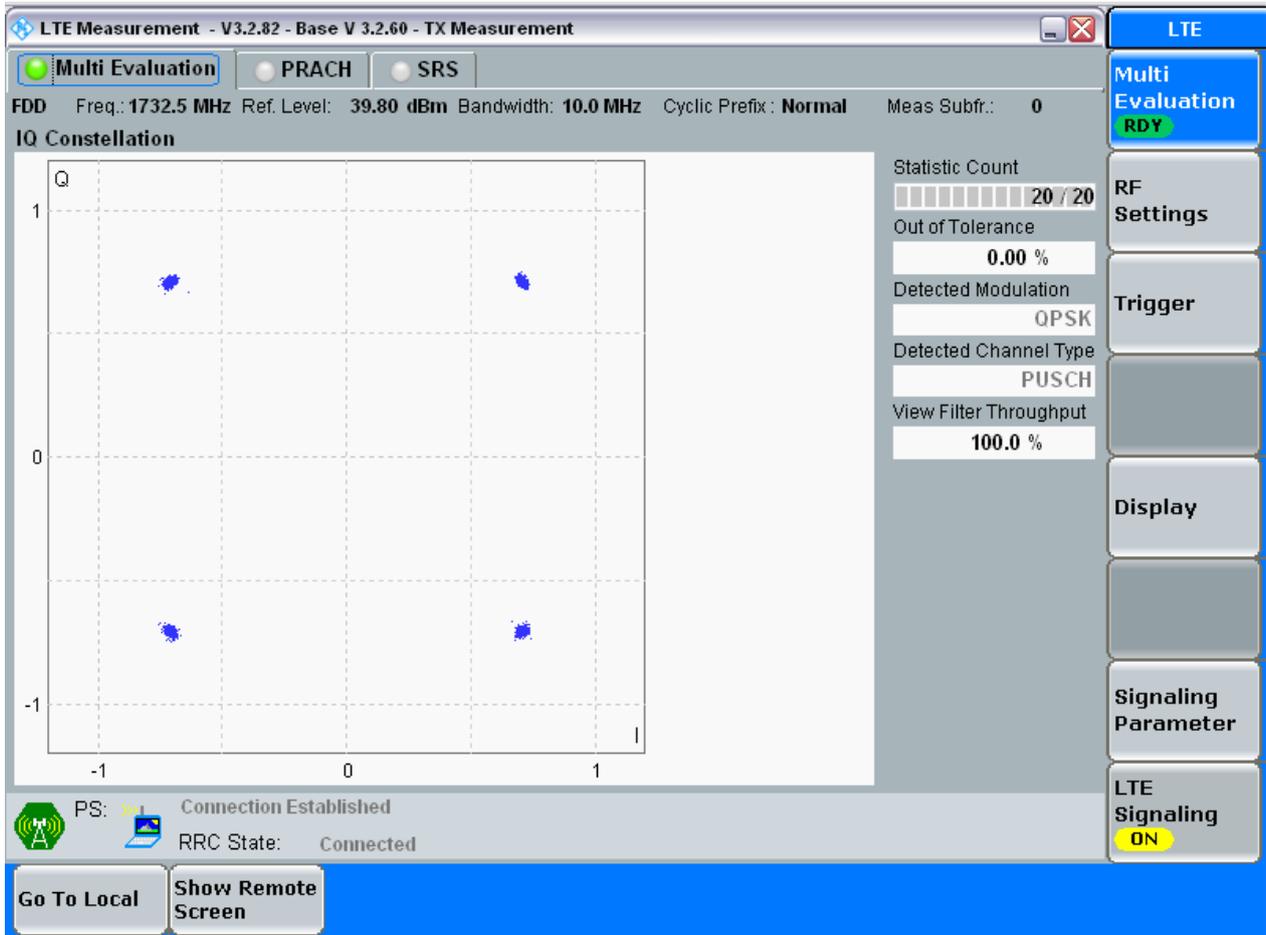
3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

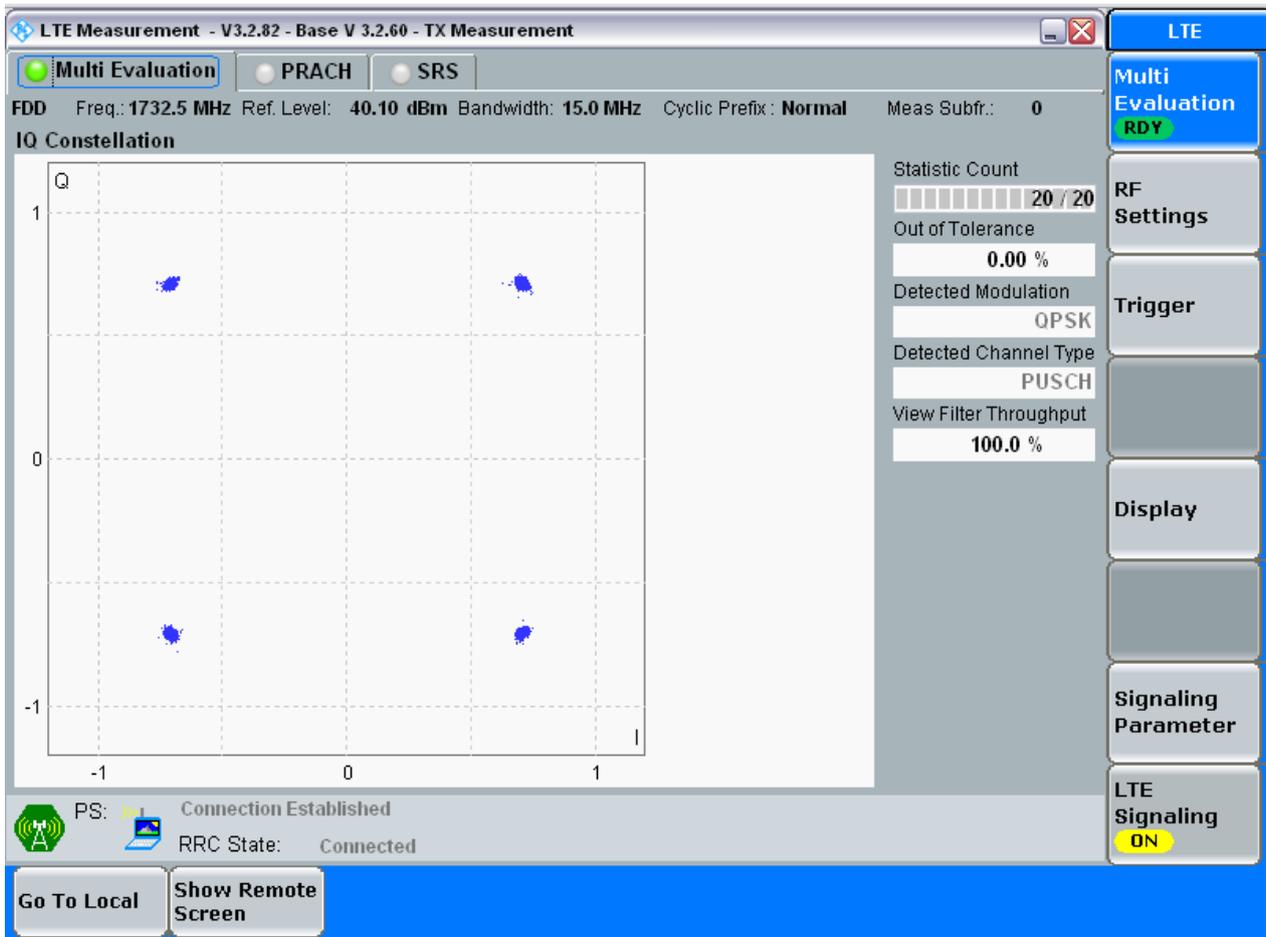
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

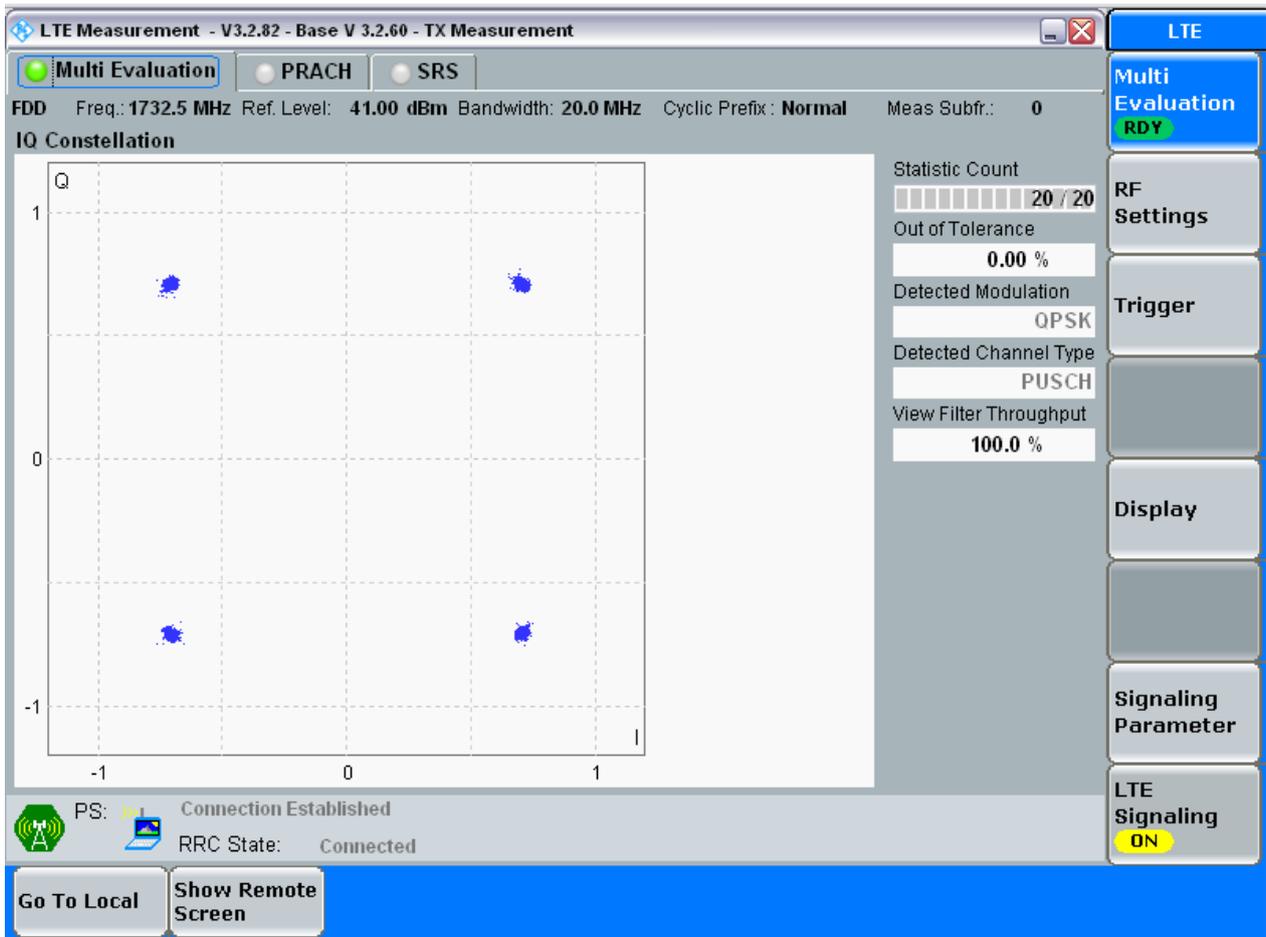
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

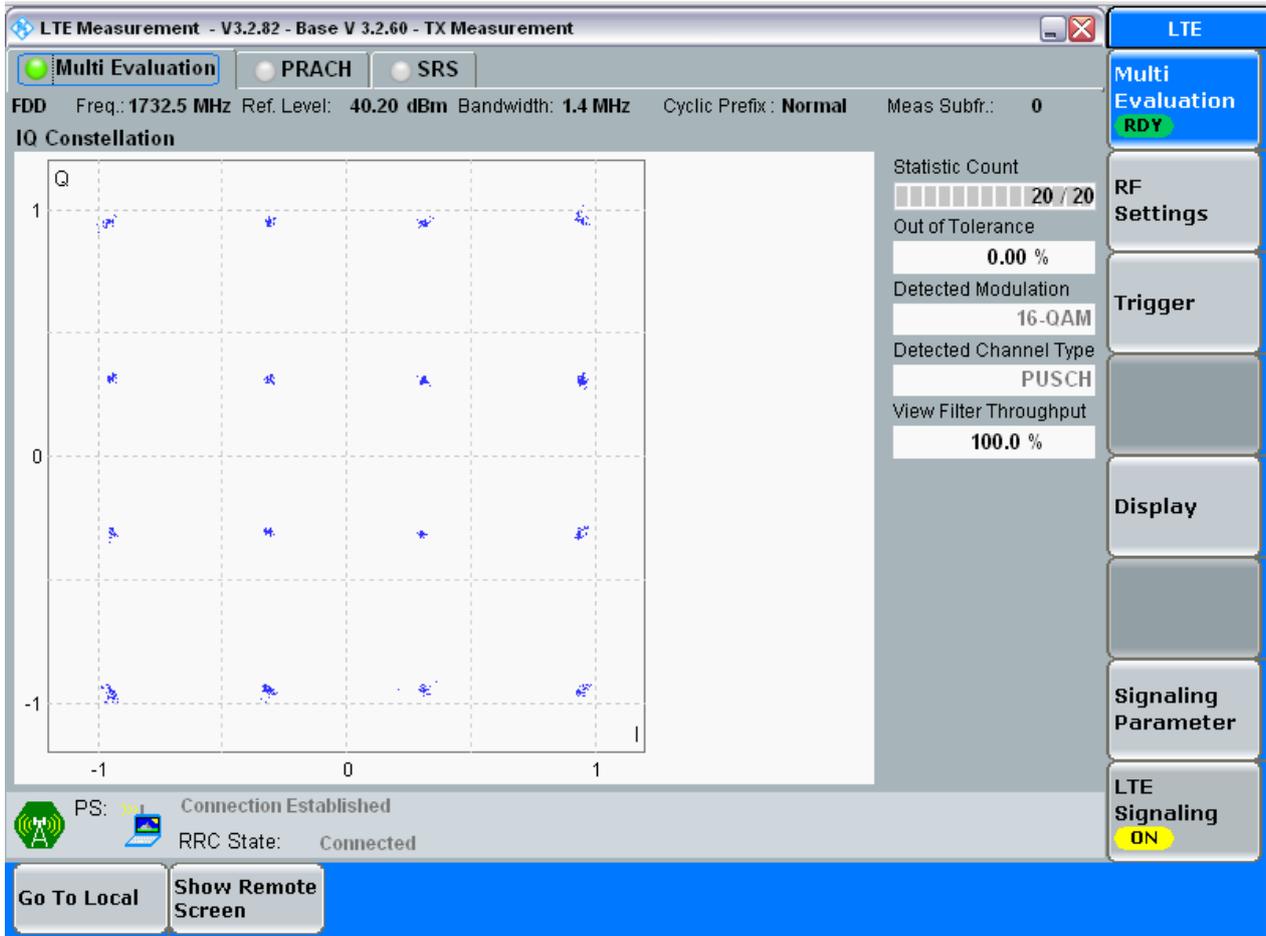


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

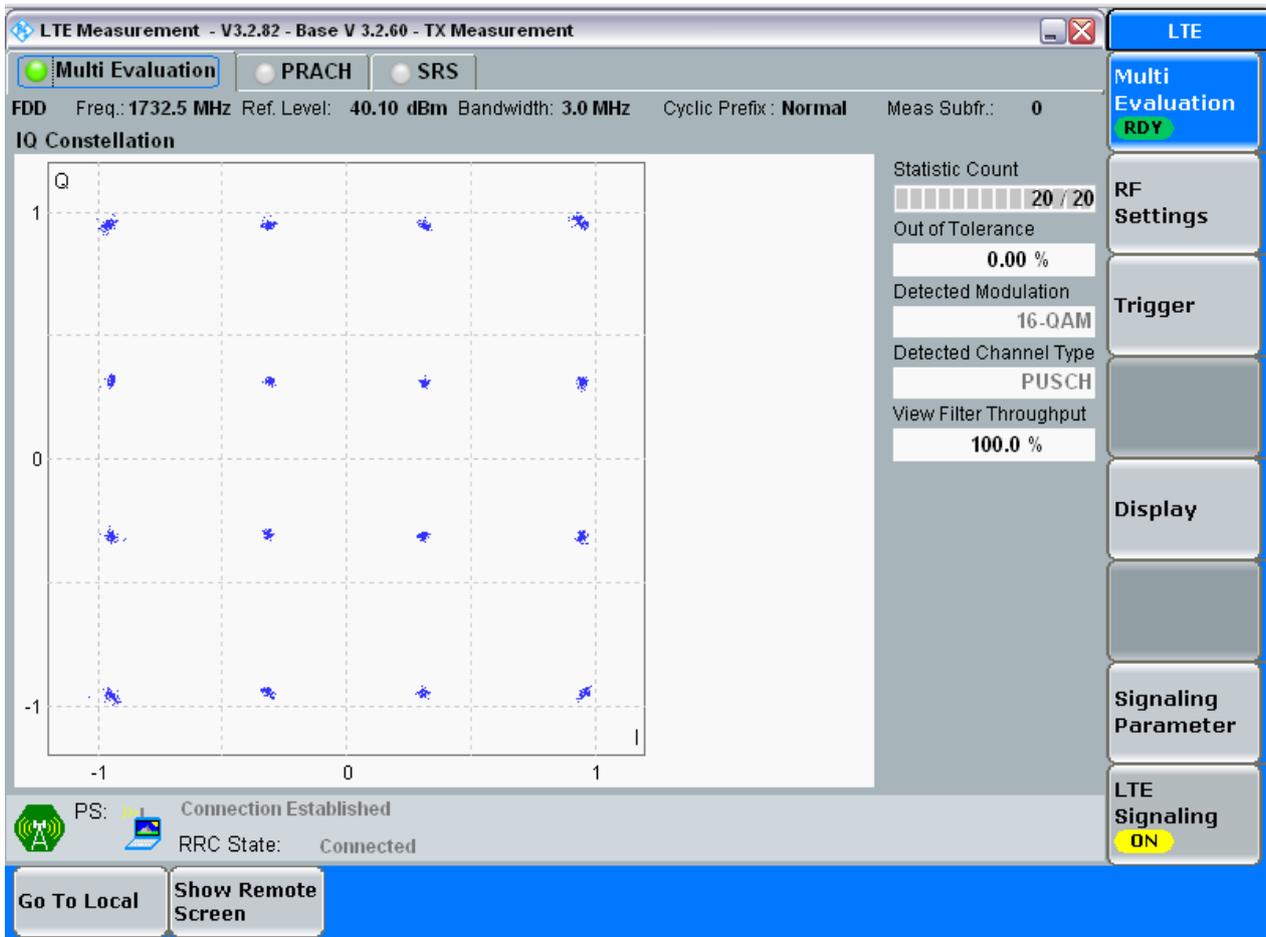
3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

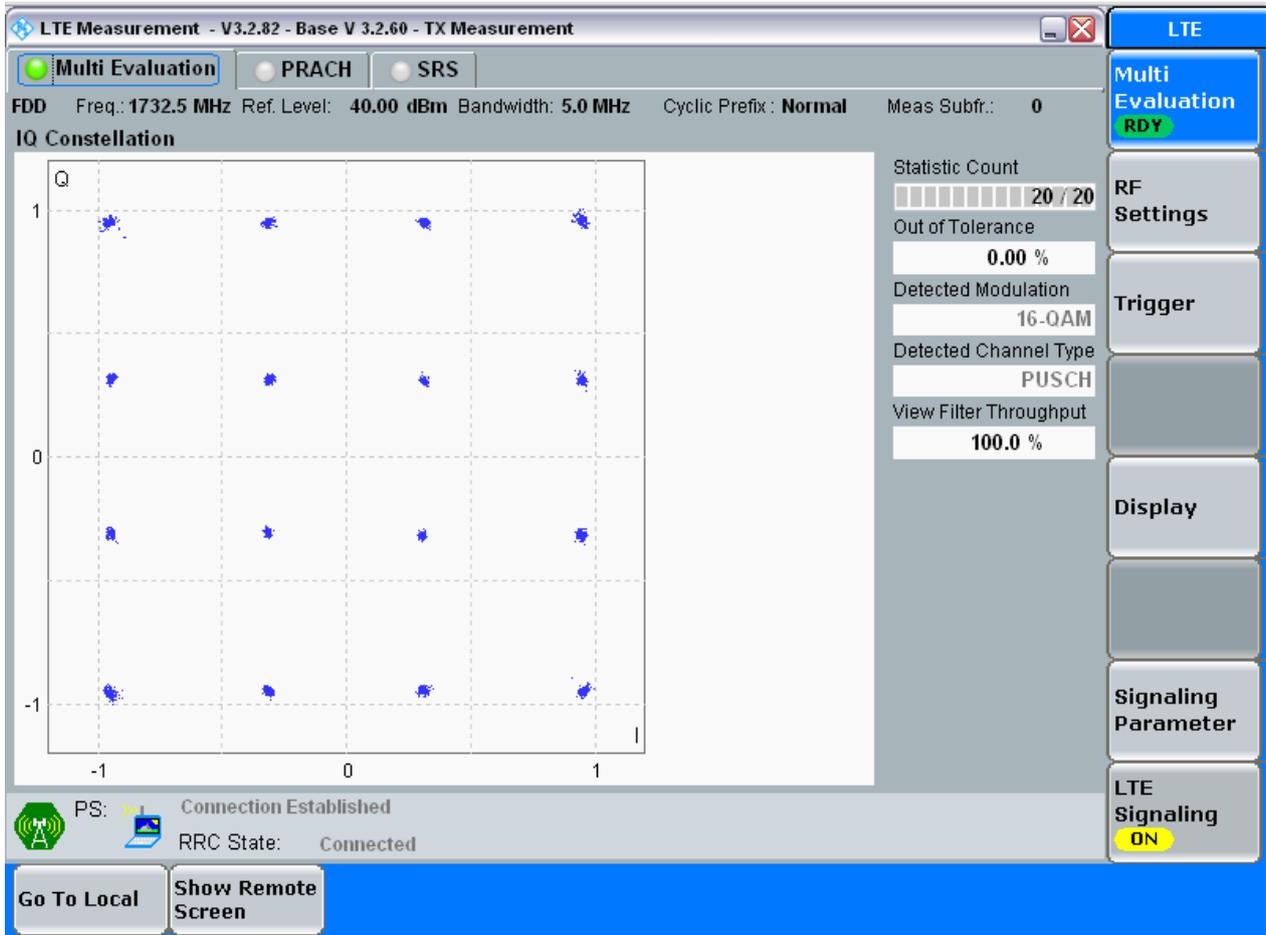
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

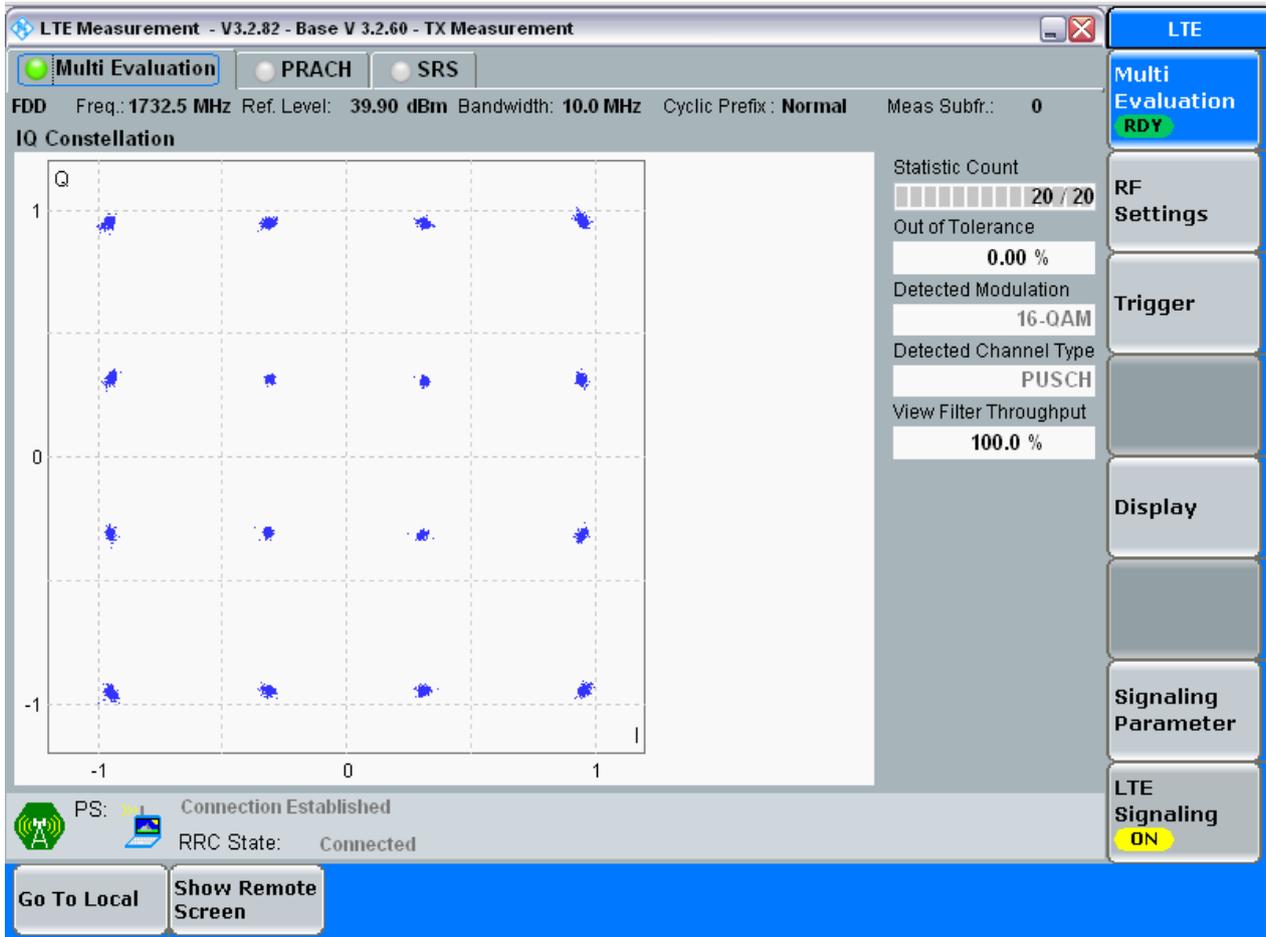
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

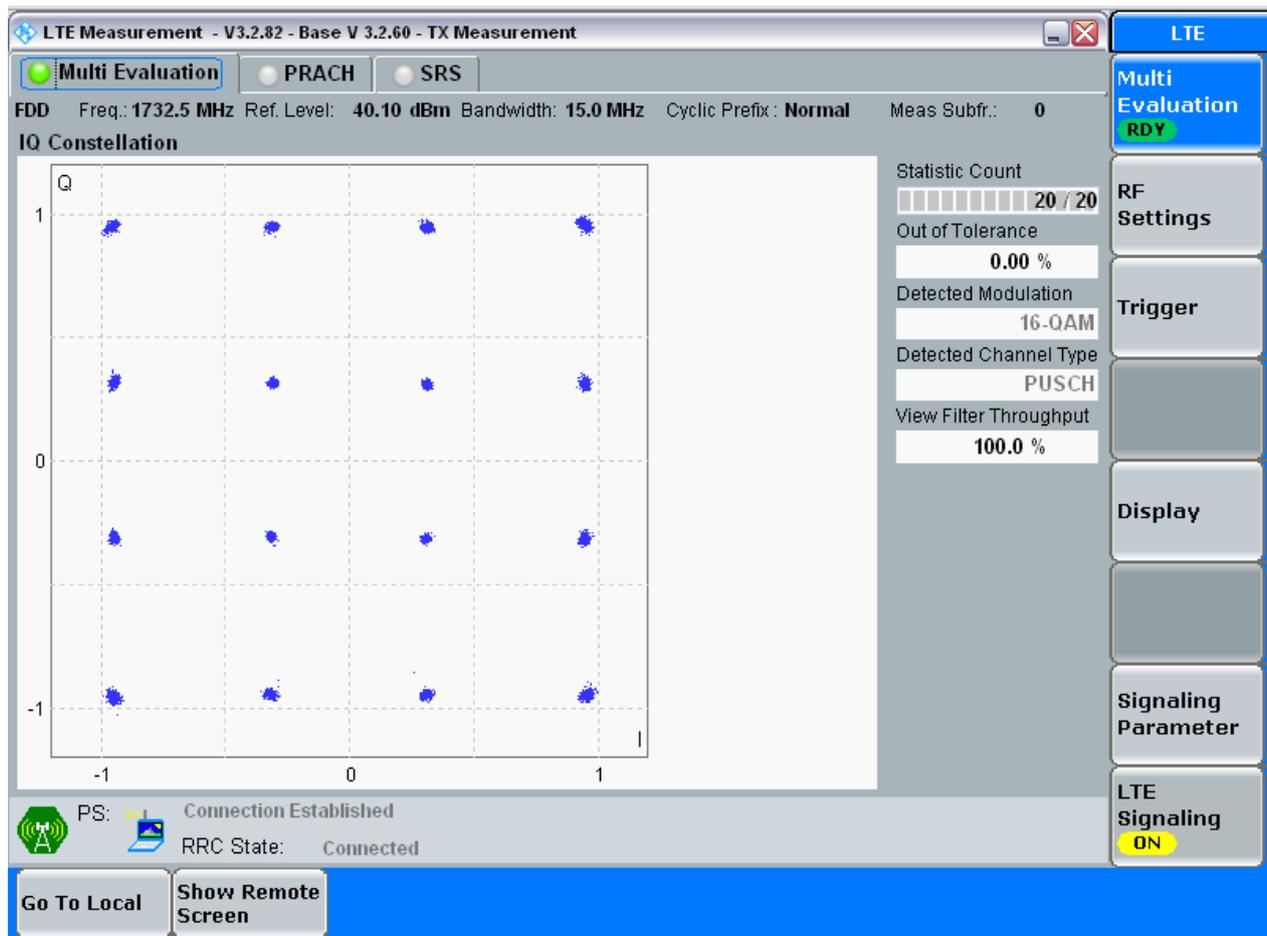
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

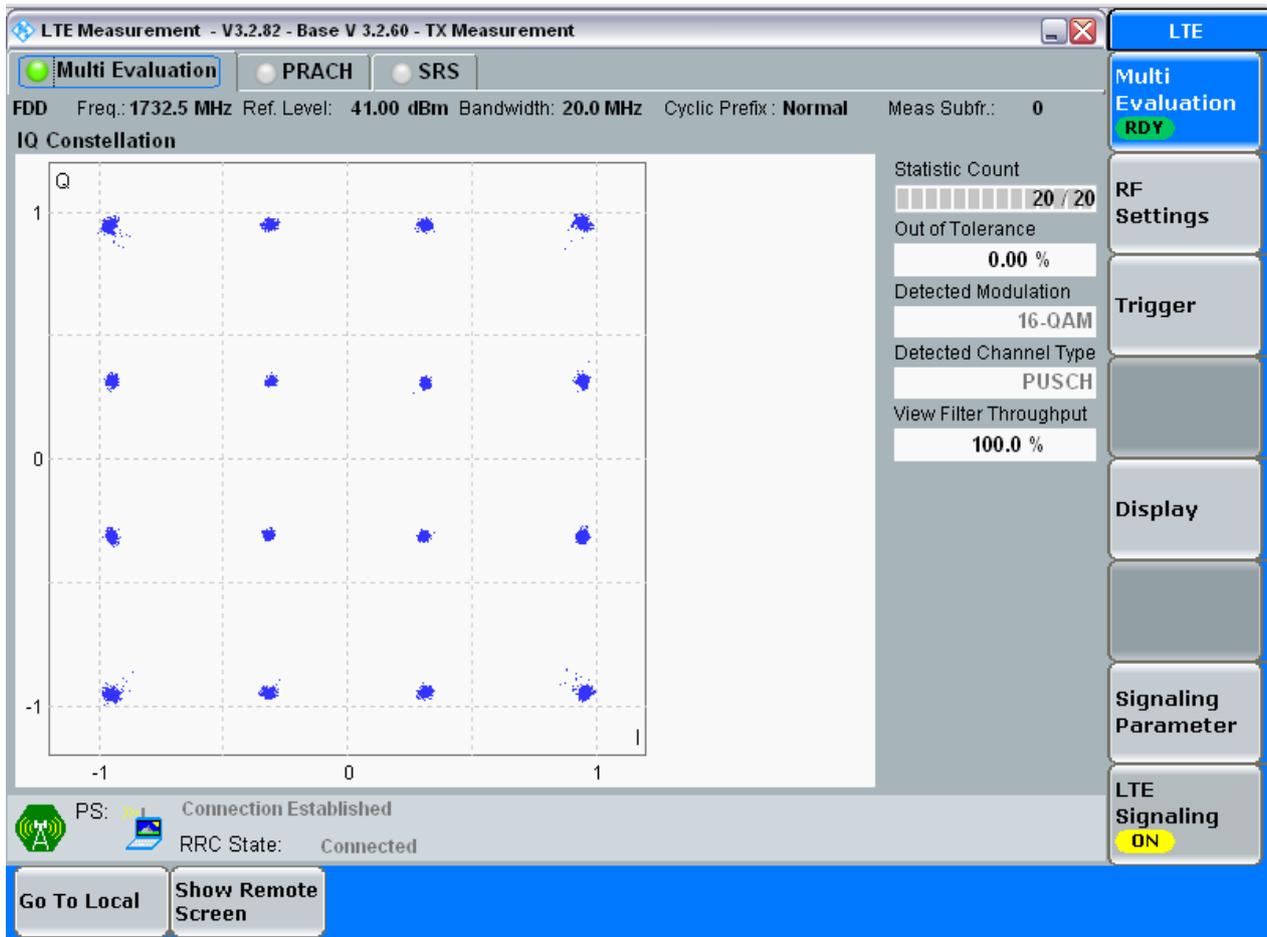
##### 3.1.1.2.5.1.1 Test RB = RB75#0



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	2.93	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.84	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.01	9.63	Pass
			MCH	RB50#0	8.99	9.66	Pass
			HCH	RB50#0	9.02	9.69	Pass
		15	LCH	RB75#0	13.49	14.36	Pass
			MCH	RB75#0	13.47	14.38	Pass
			HCH	RB75#0	13.51	14.44	Pass
	20	LCH	RB100#0	17.94	19.04	Pass	
		MCH	RB100#0	17.97	19.05	Pass	
		HCH	RB100#0	18.02	19.13	Pass	
	LTE/TM2	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	2.94	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.49	4.85	Pass
			MCH	RB25#0	4.49	4.84	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	9.01	9.62	Pass
			MCH	RB50#0	9.00	9.64	Pass
			HCH	RB50#0	9.01	9.68	Pass
15		LCH	RB75#0	13.49	14.42	Pass	
		MCH	RB75#0	13.49	14.29	Pass	
		HCH	RB75#0	13.52	14.39	Pass	
20	LCH	RB100#0	17.94	19.05	Pass		
	MCH	RB100#0	17.96	19.08	Pass		
	HCH	RB100#0	18.04	19.13	Pass		

**Part II - Test Plots**

**4.1 For LTE**

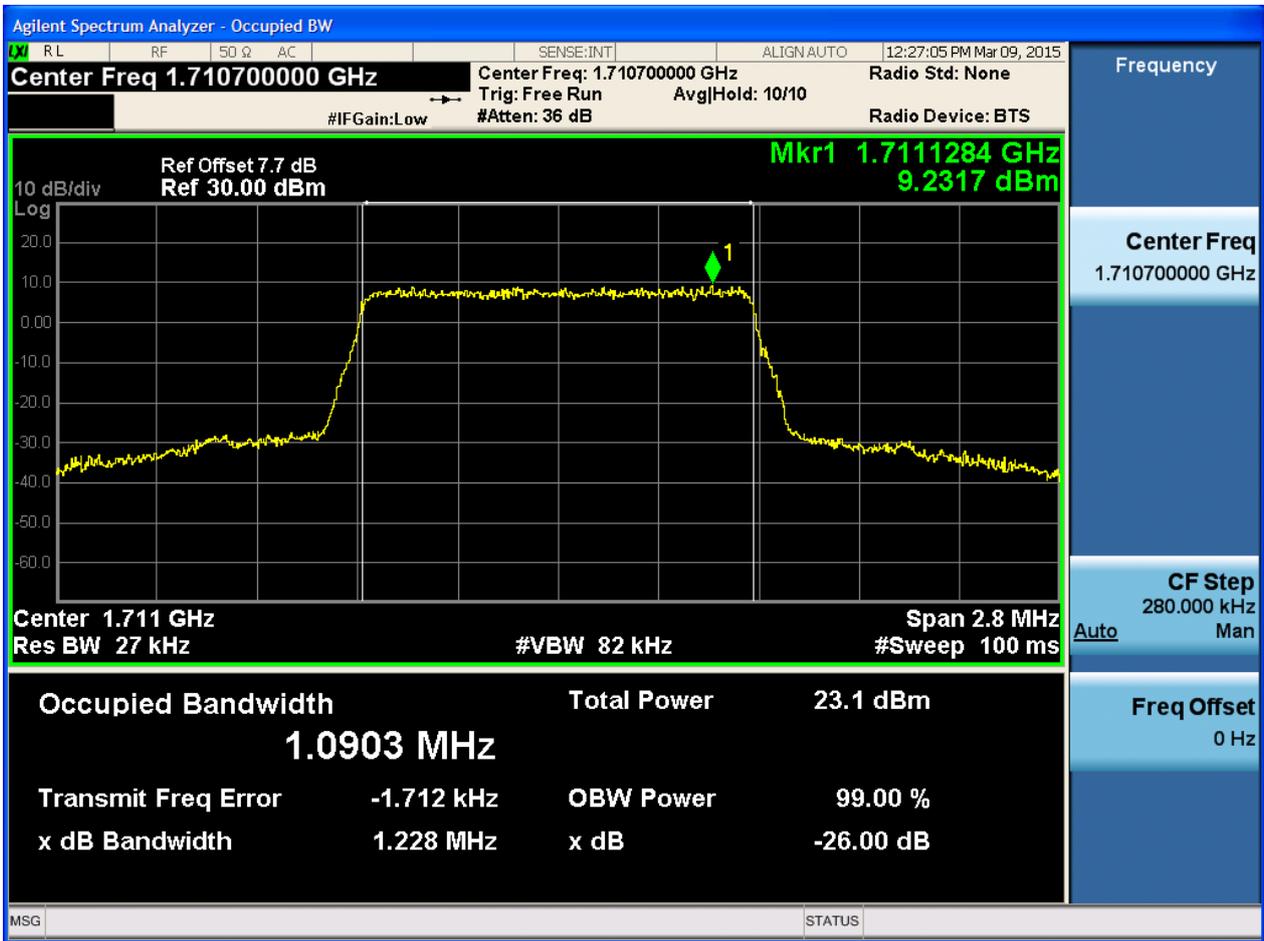
**4.1.1 Test Band = BAND4**

**4.1.1.1 Test Mode = LTE/TM1**

**4.1.1.1.1 Test Bandwidth = 1.4**

**4.1.1.1.1.1 Test Channel = LCH**

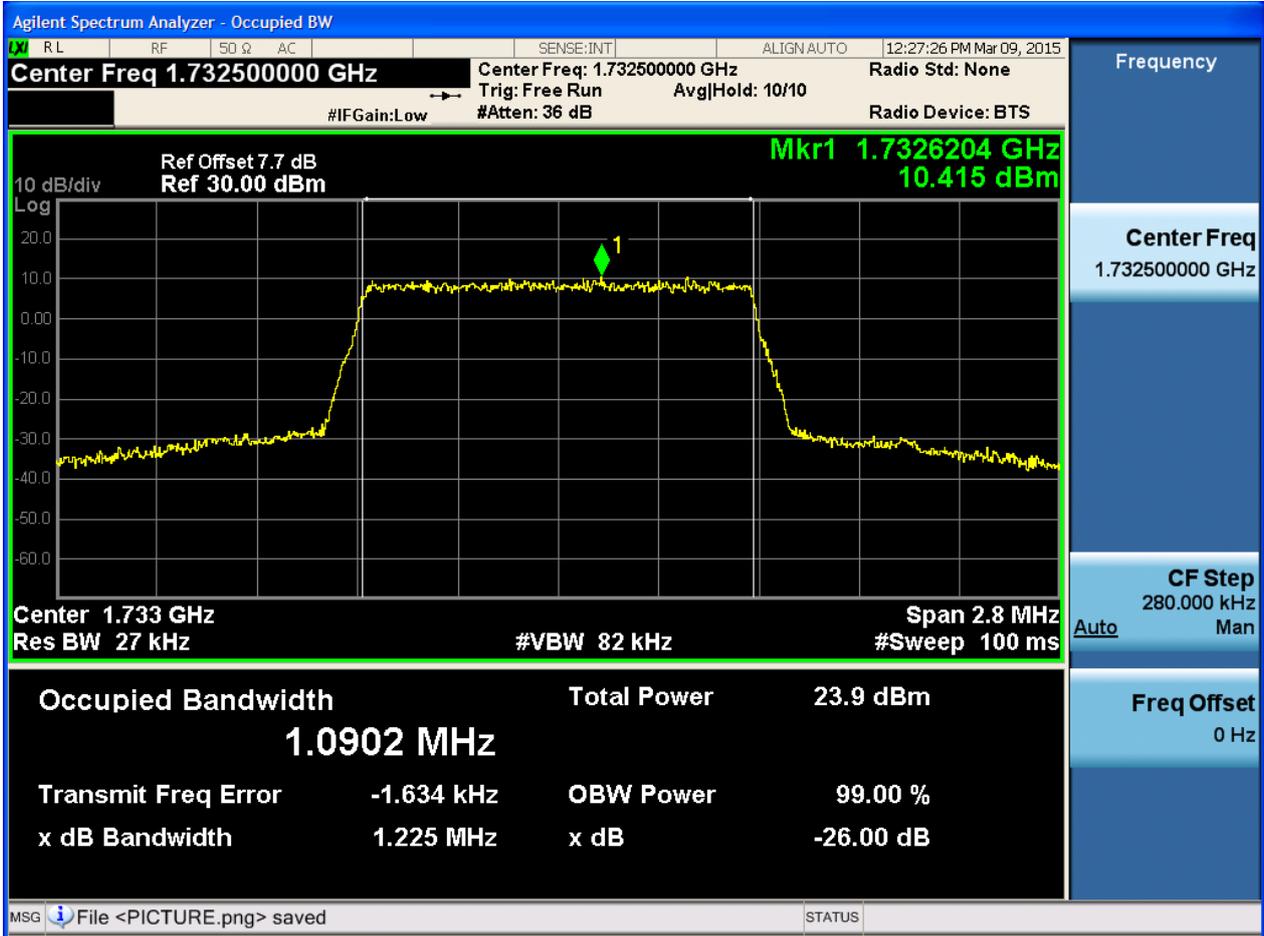
**4.1.1.1.1.1.1 Test RB = RB6#0**





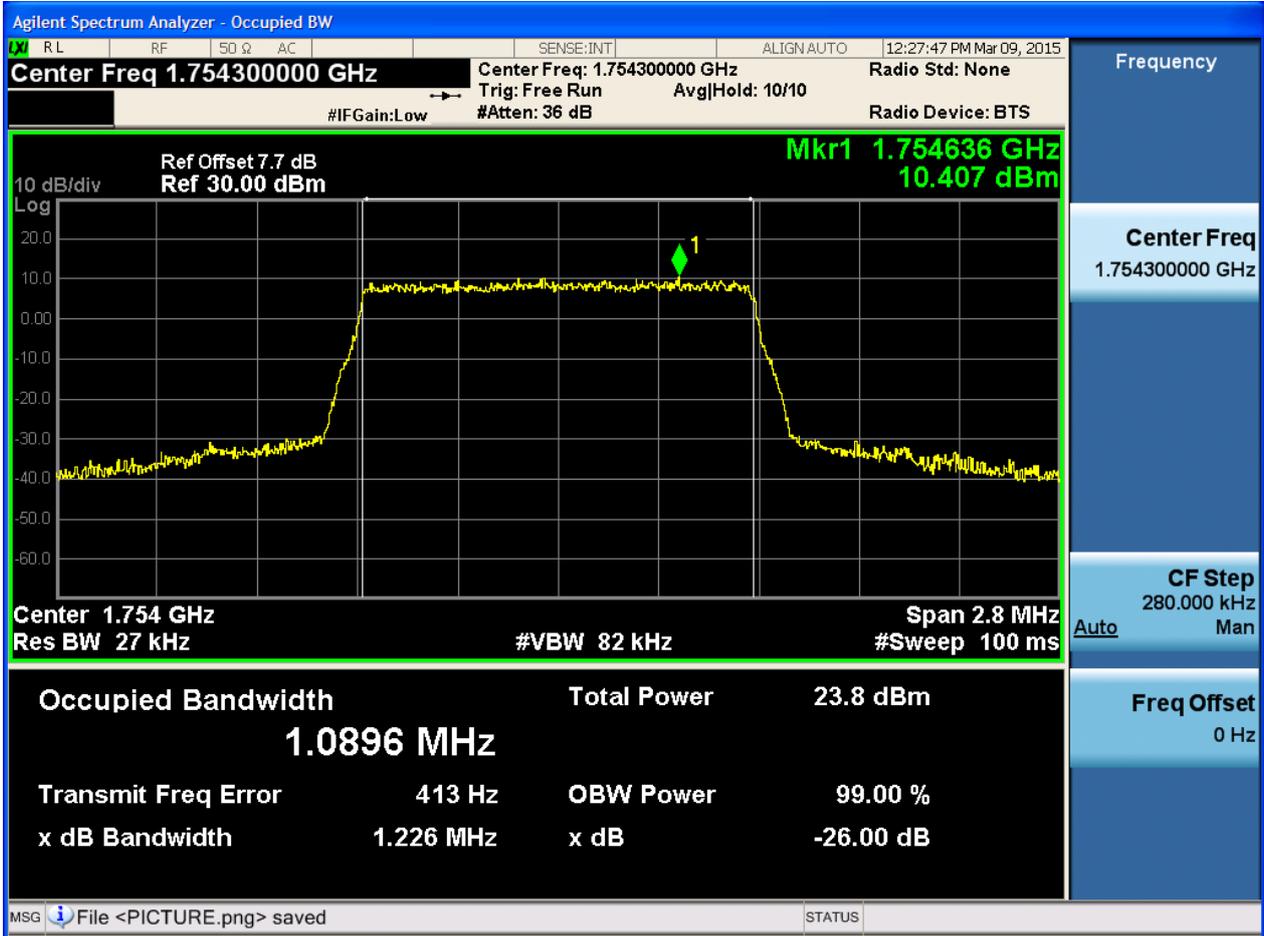
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

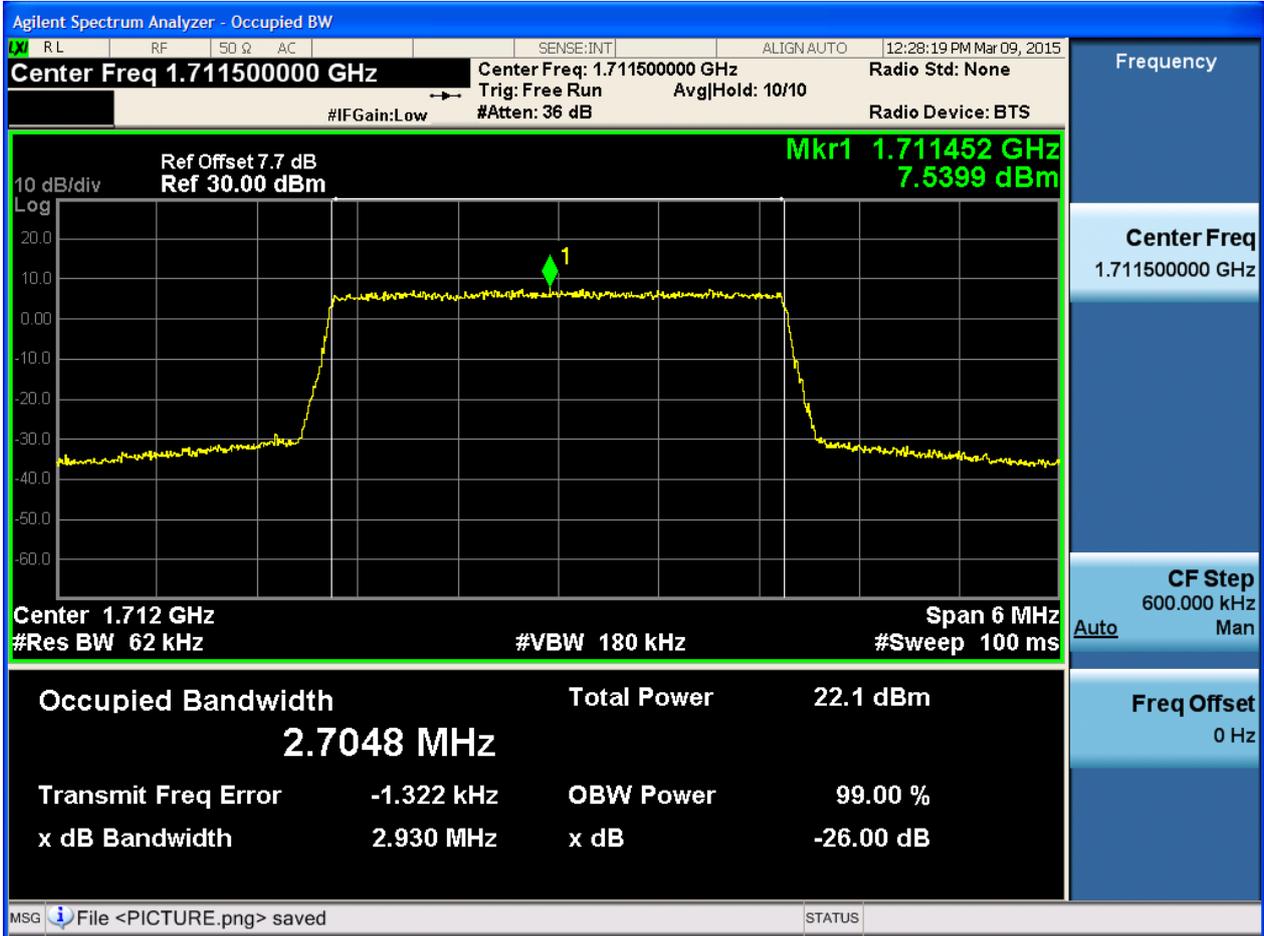
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

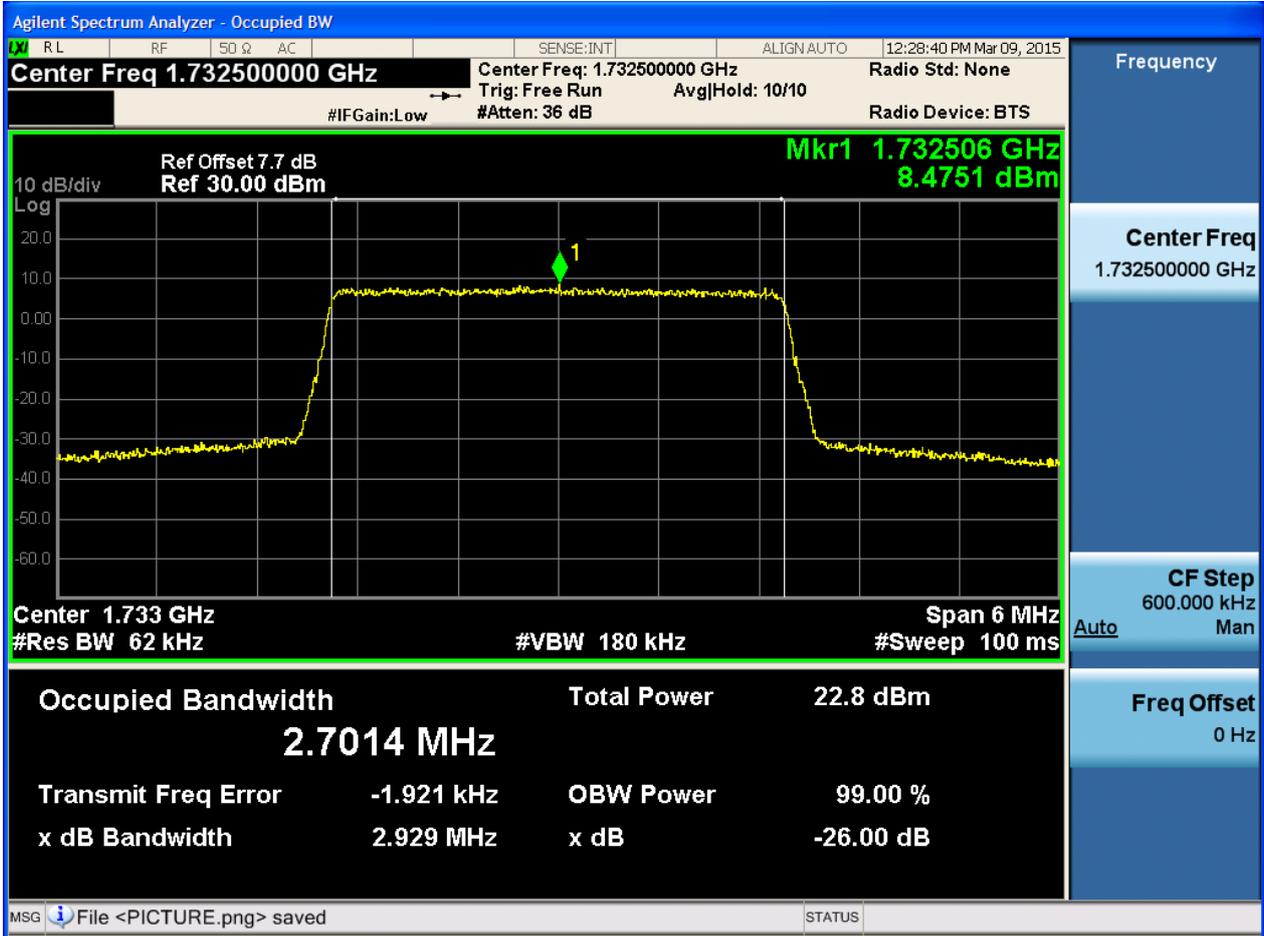
4.1.1.1.2.1.1 Test RB = RB15#0





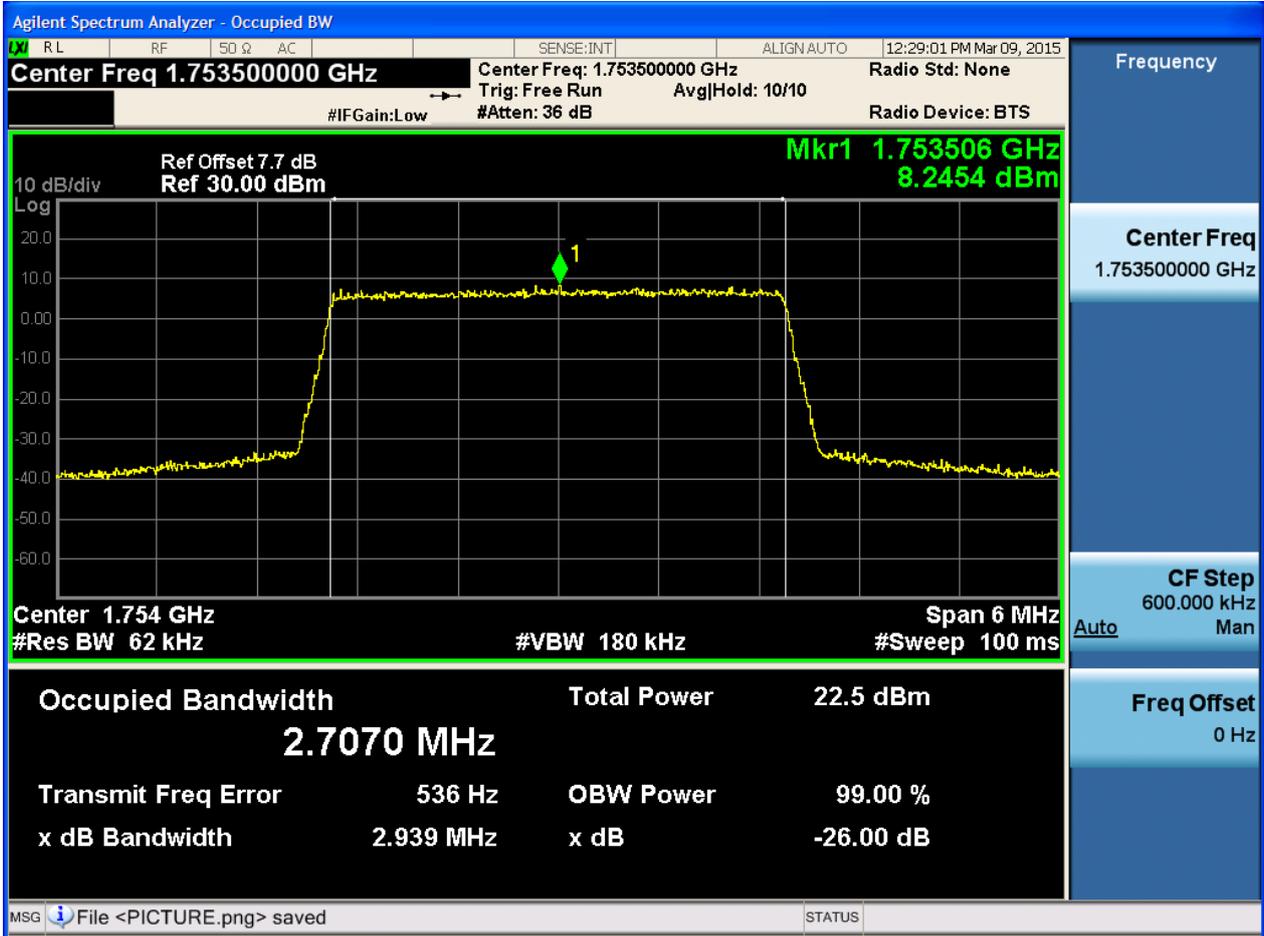
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

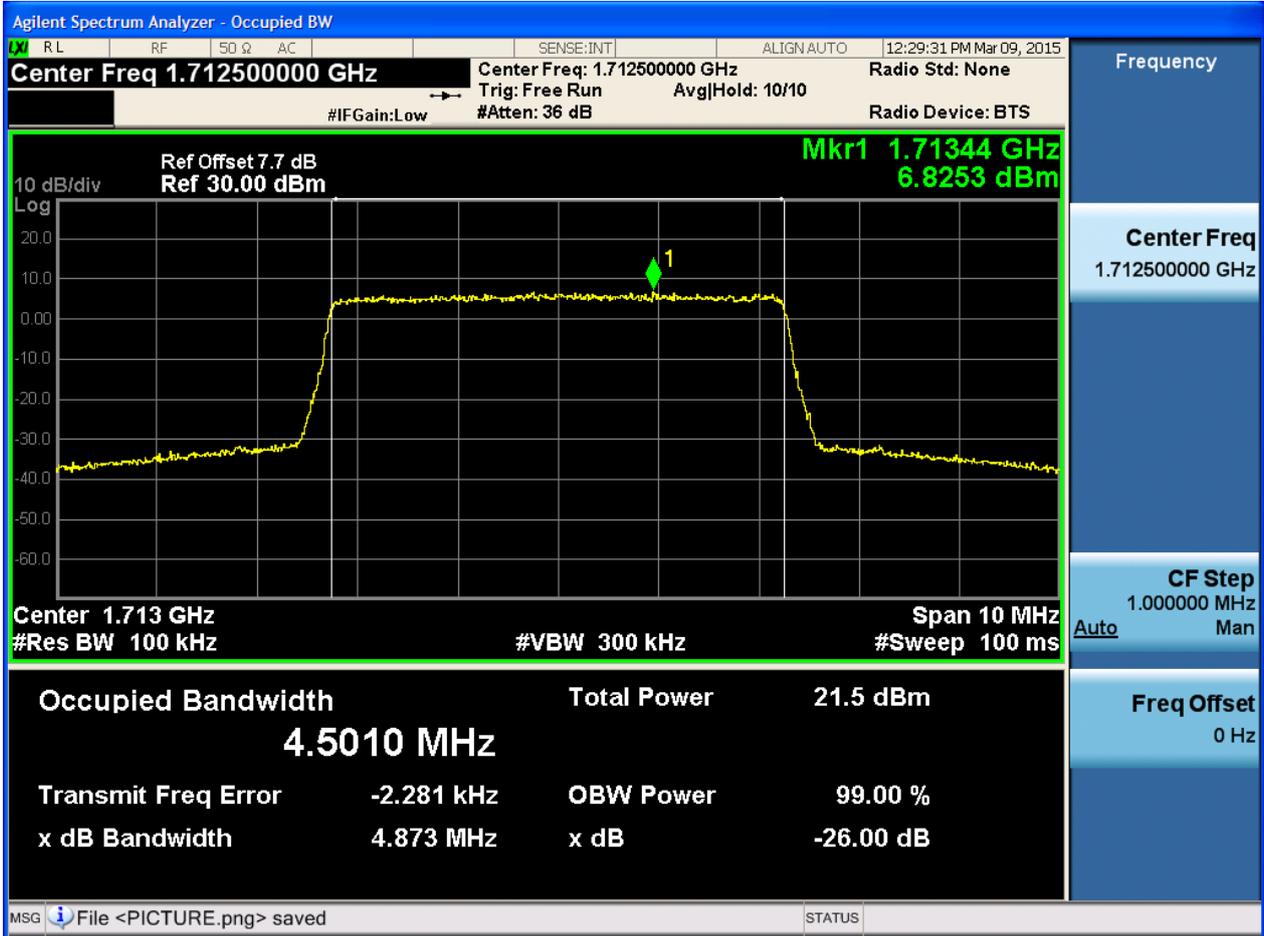
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

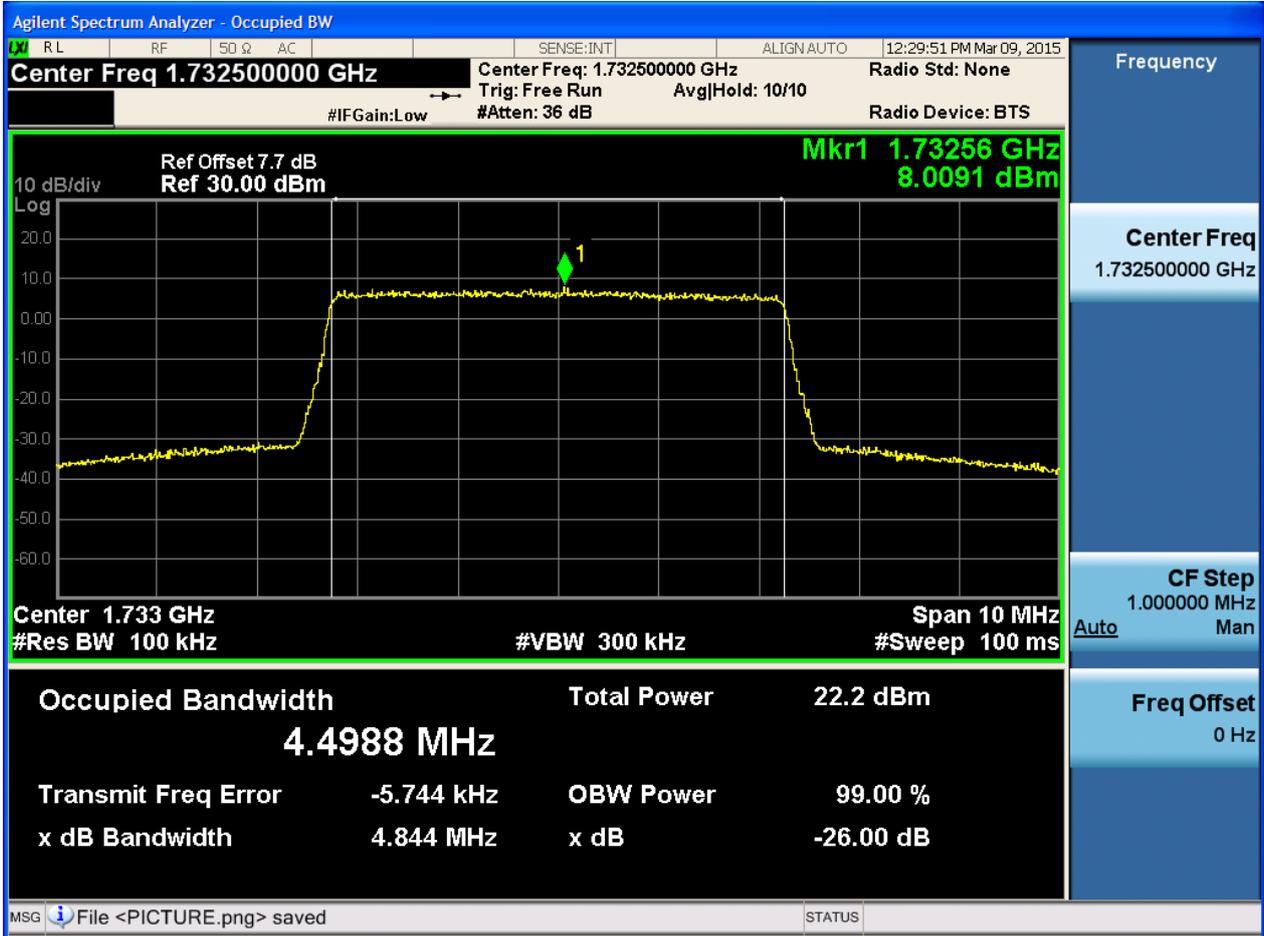
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



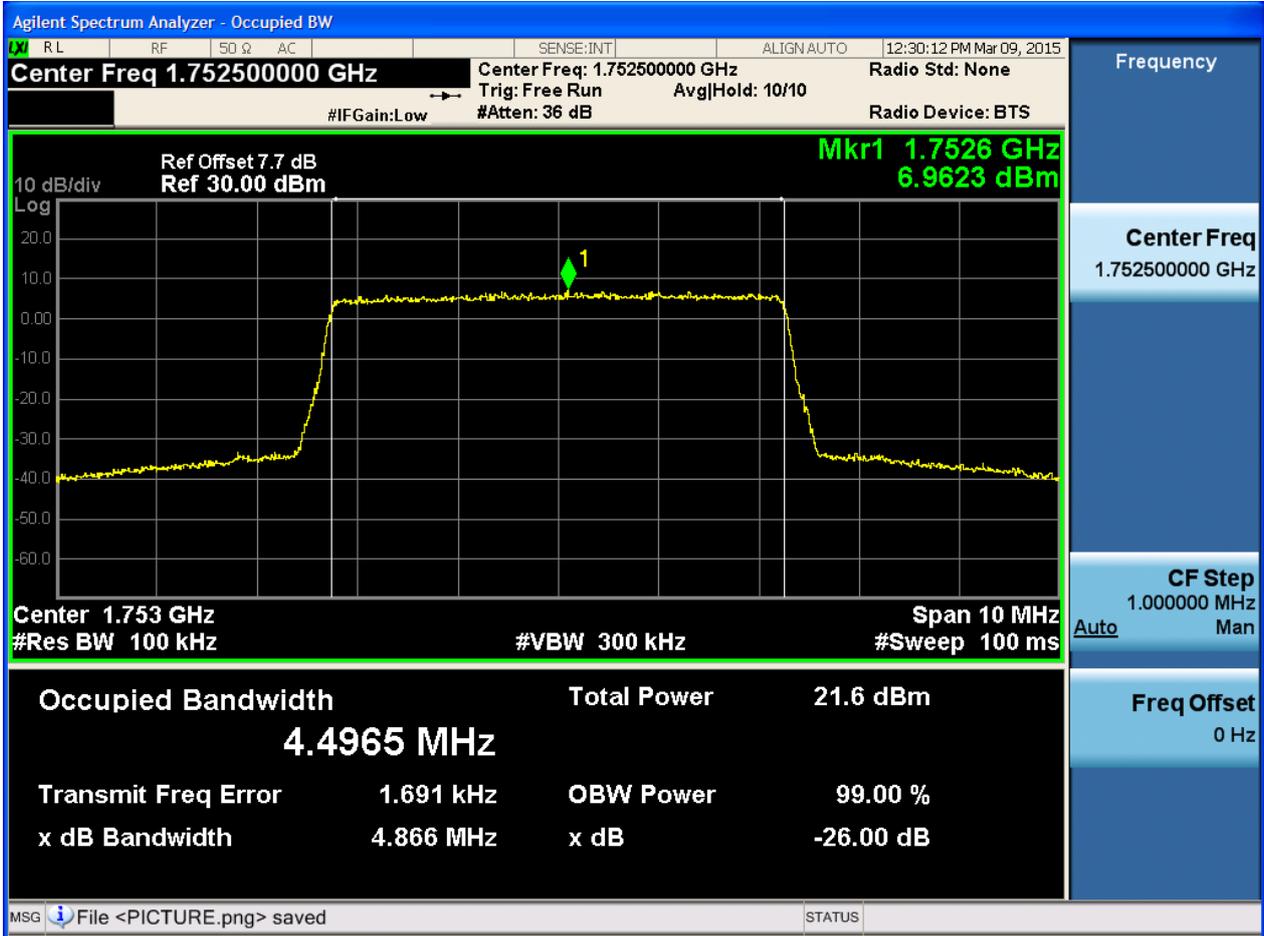
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

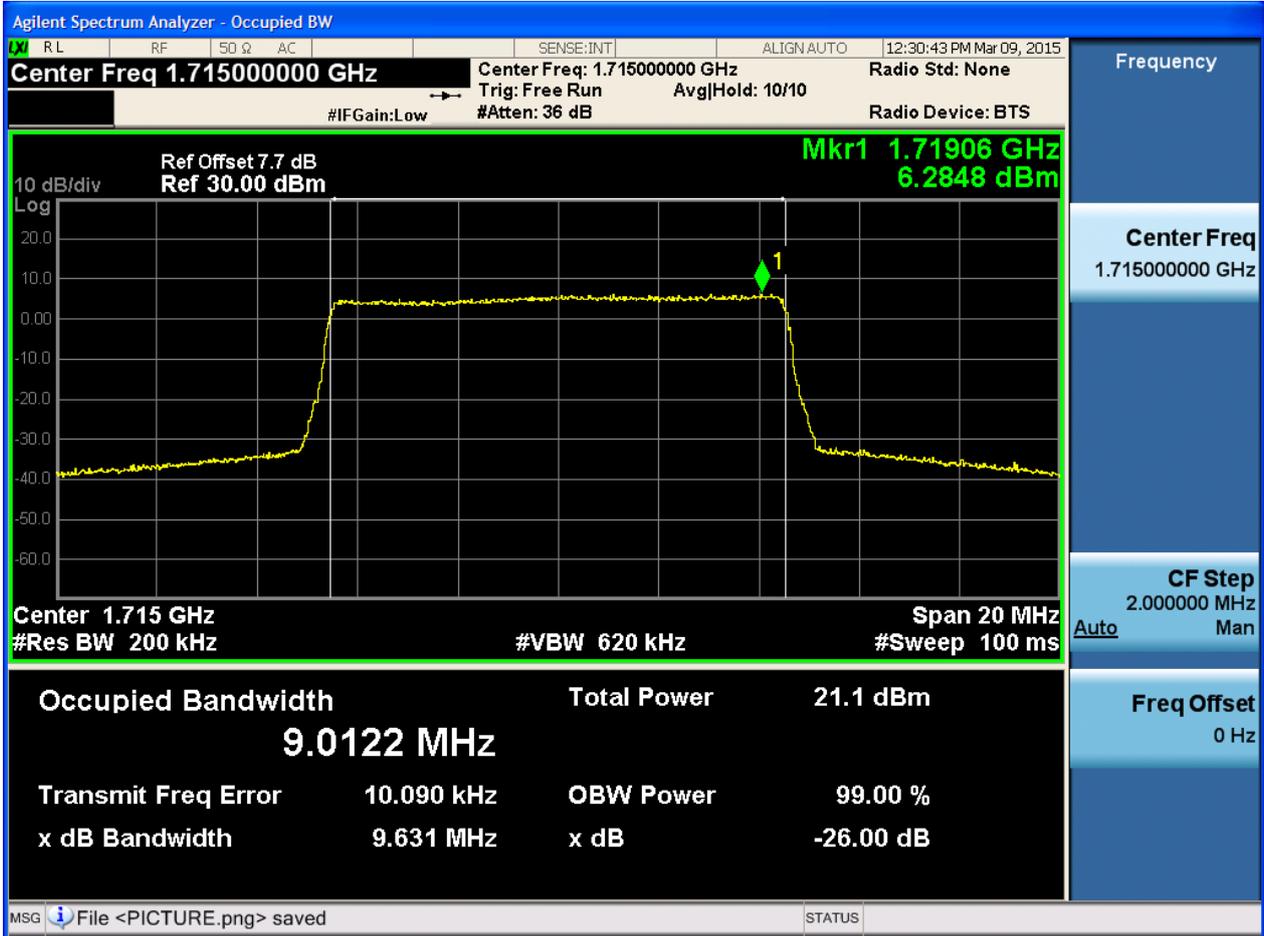




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

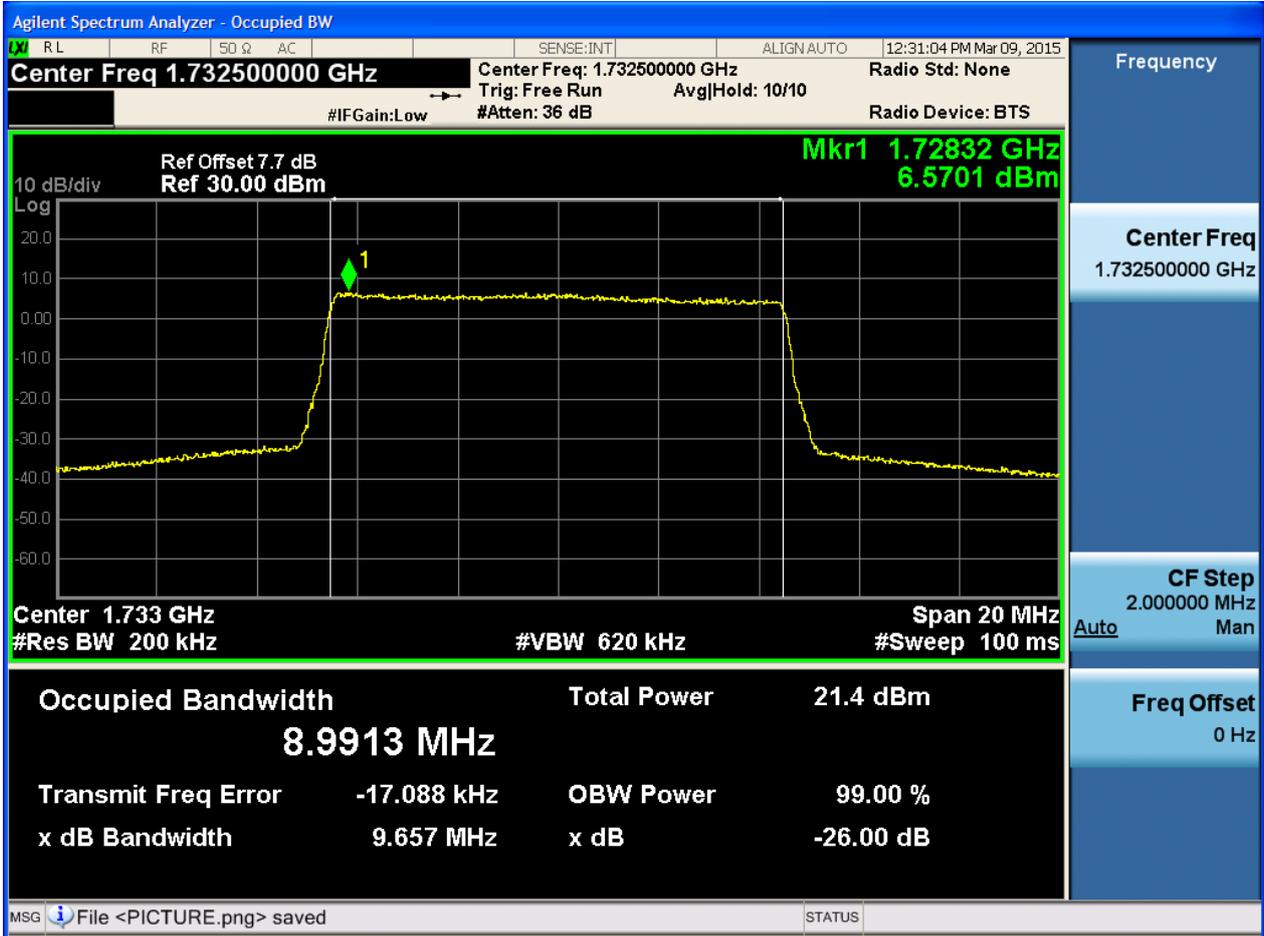
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

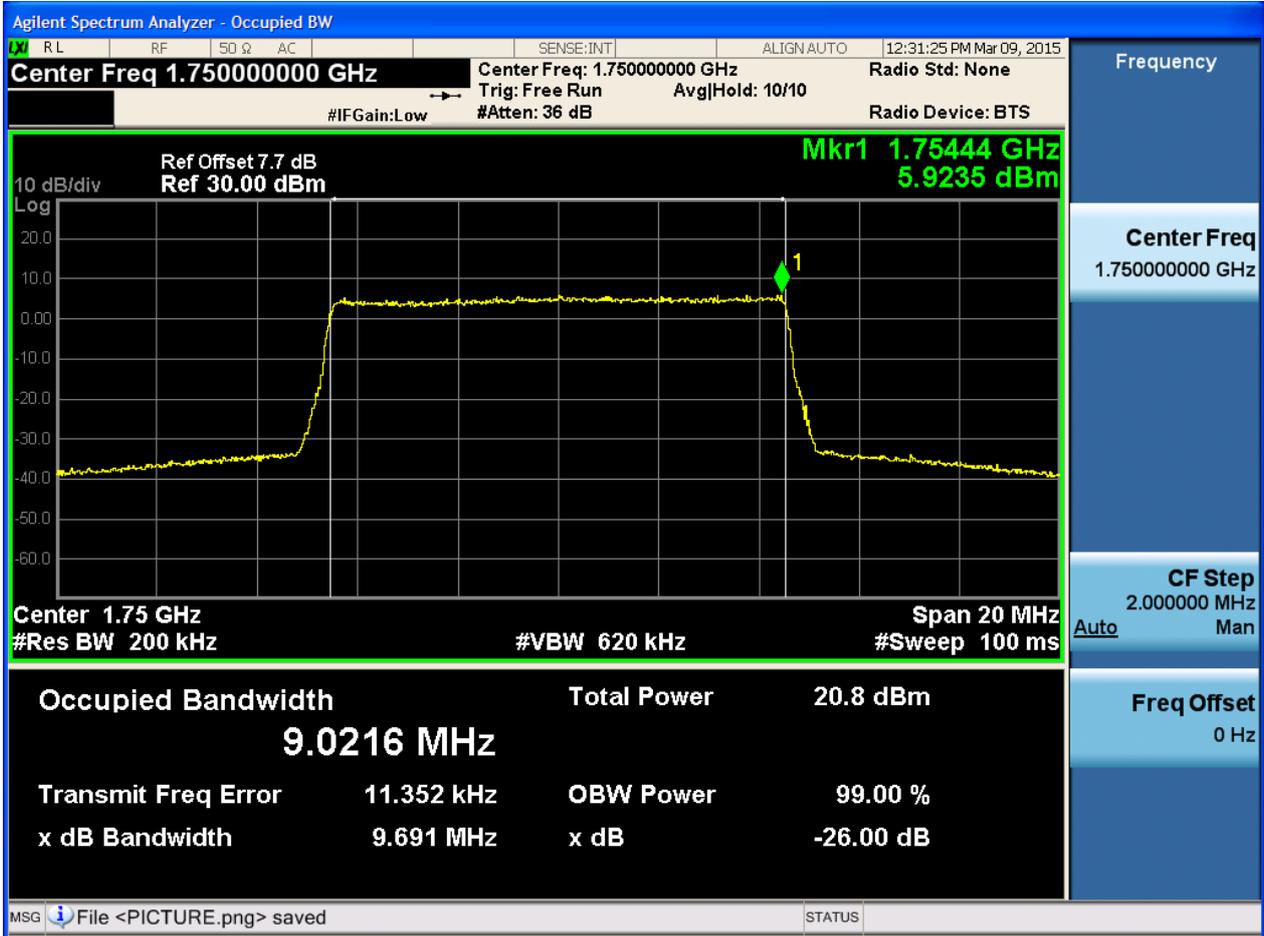
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

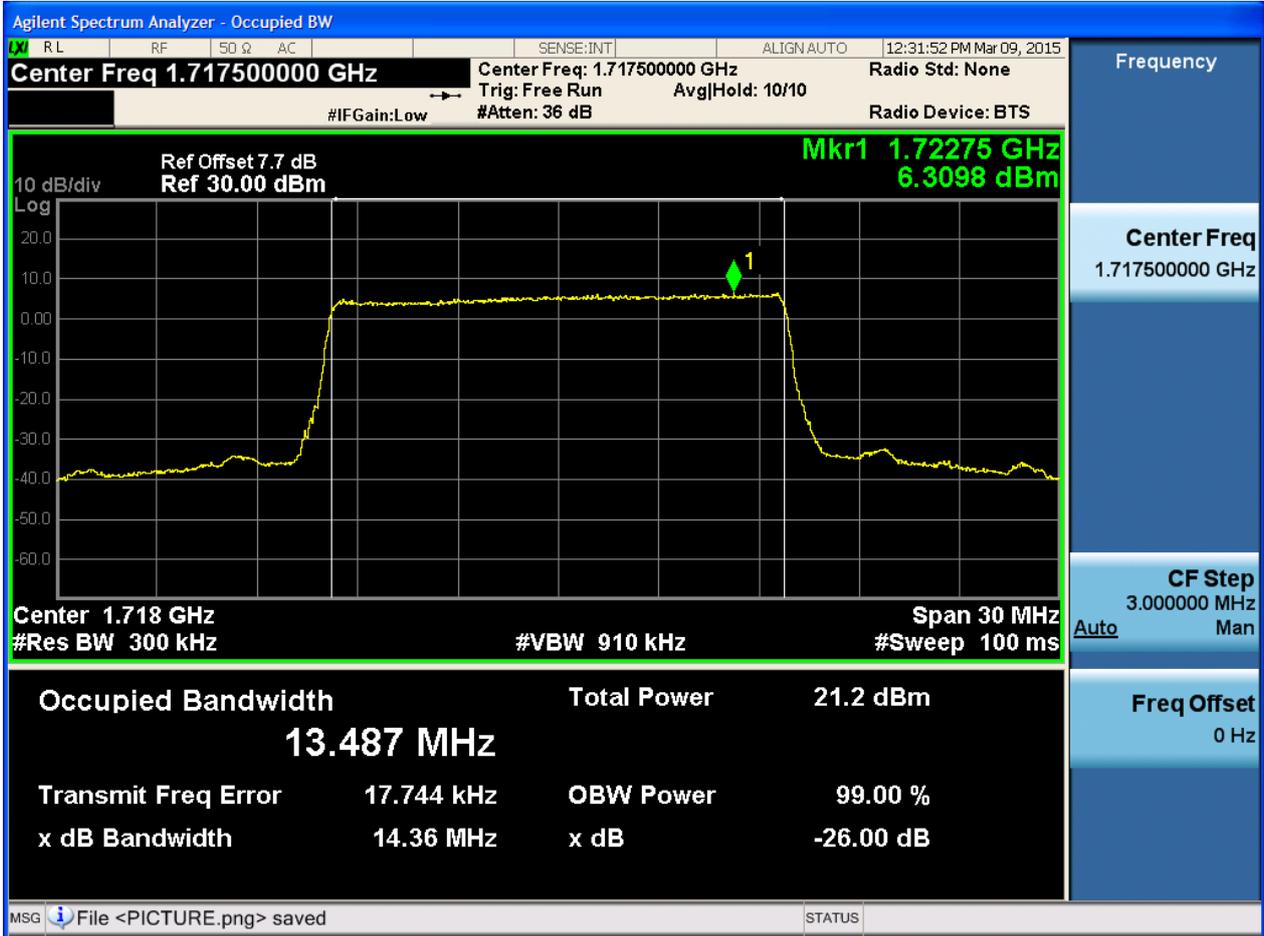




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

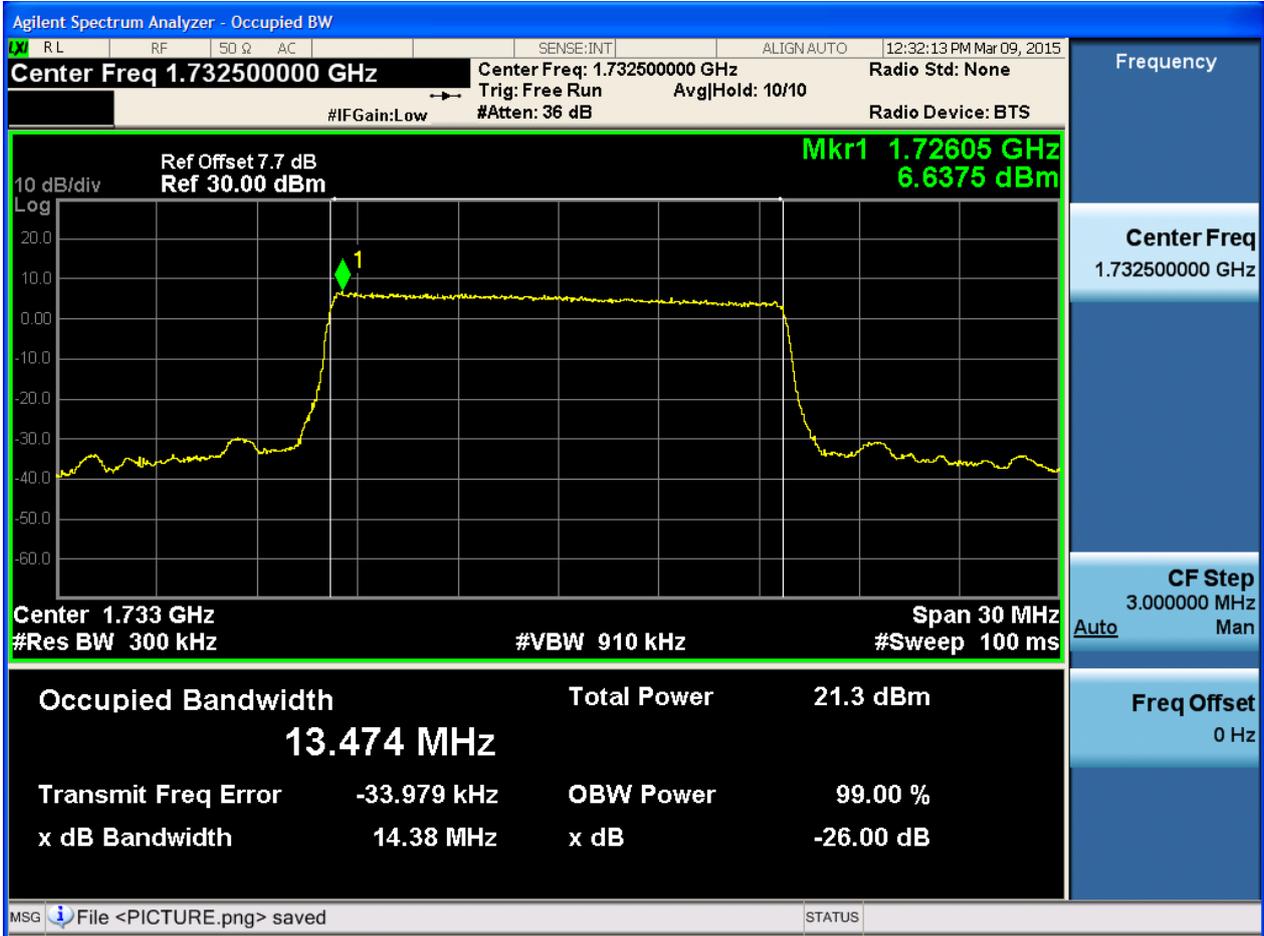
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

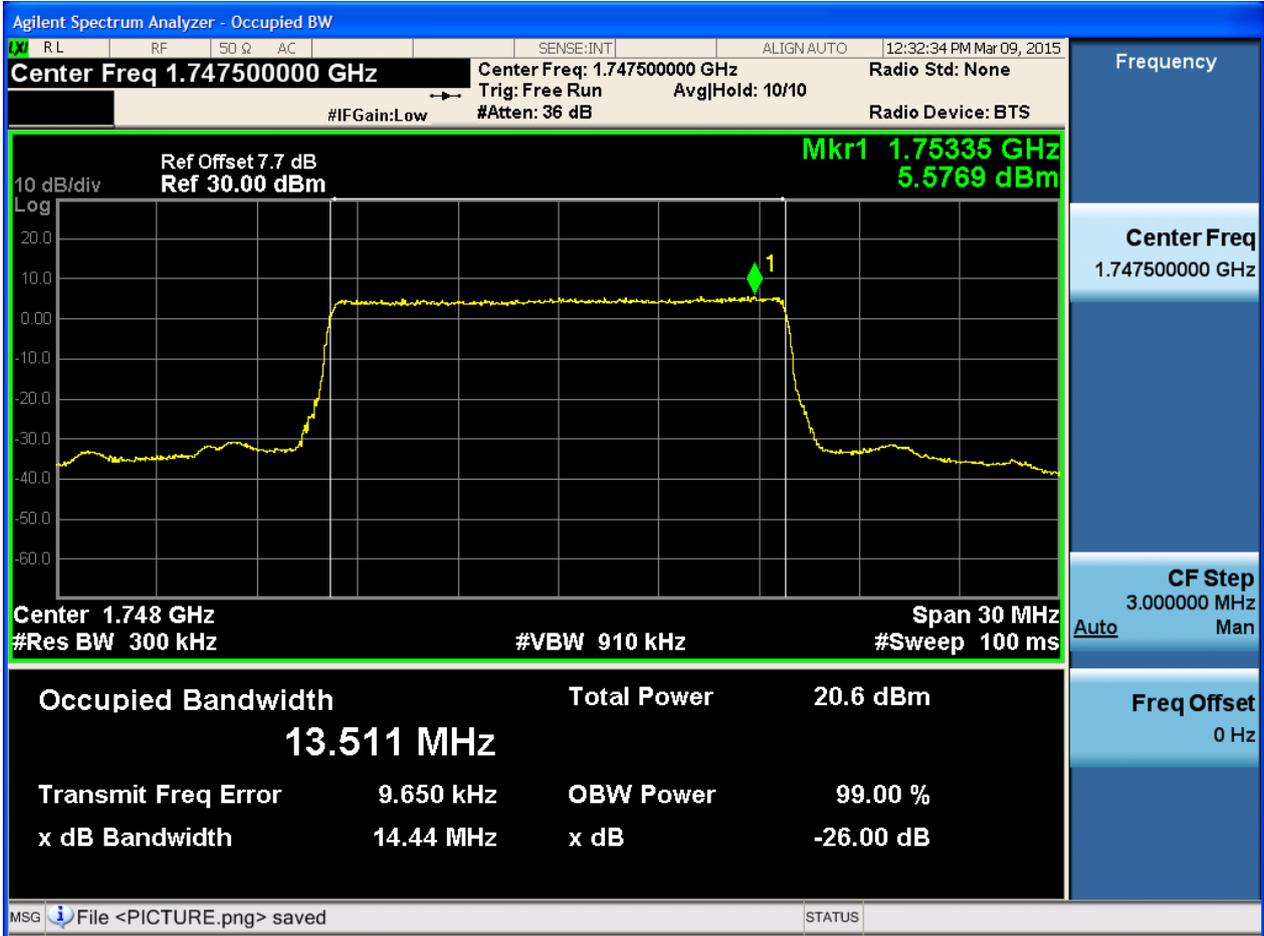
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

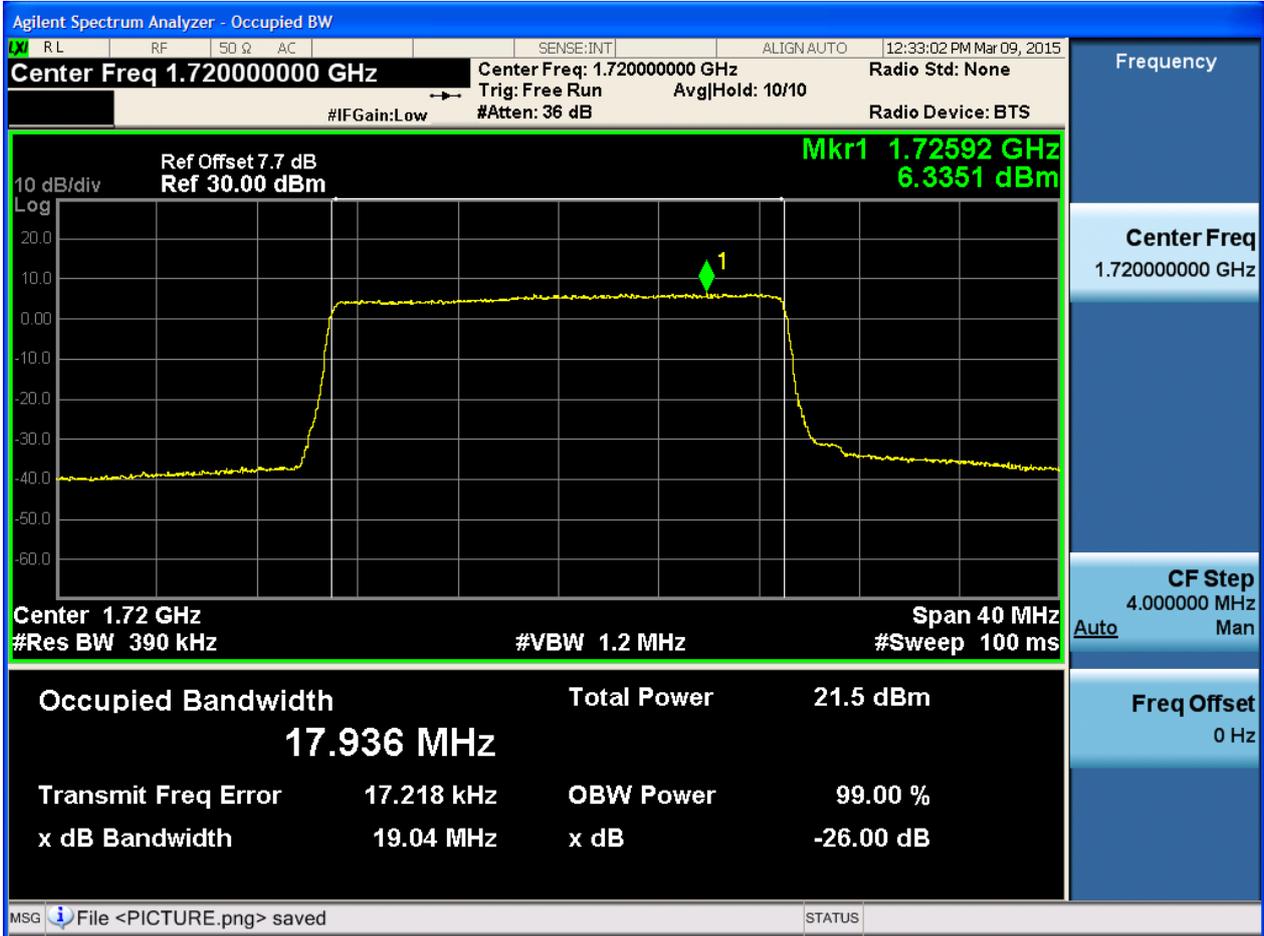




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

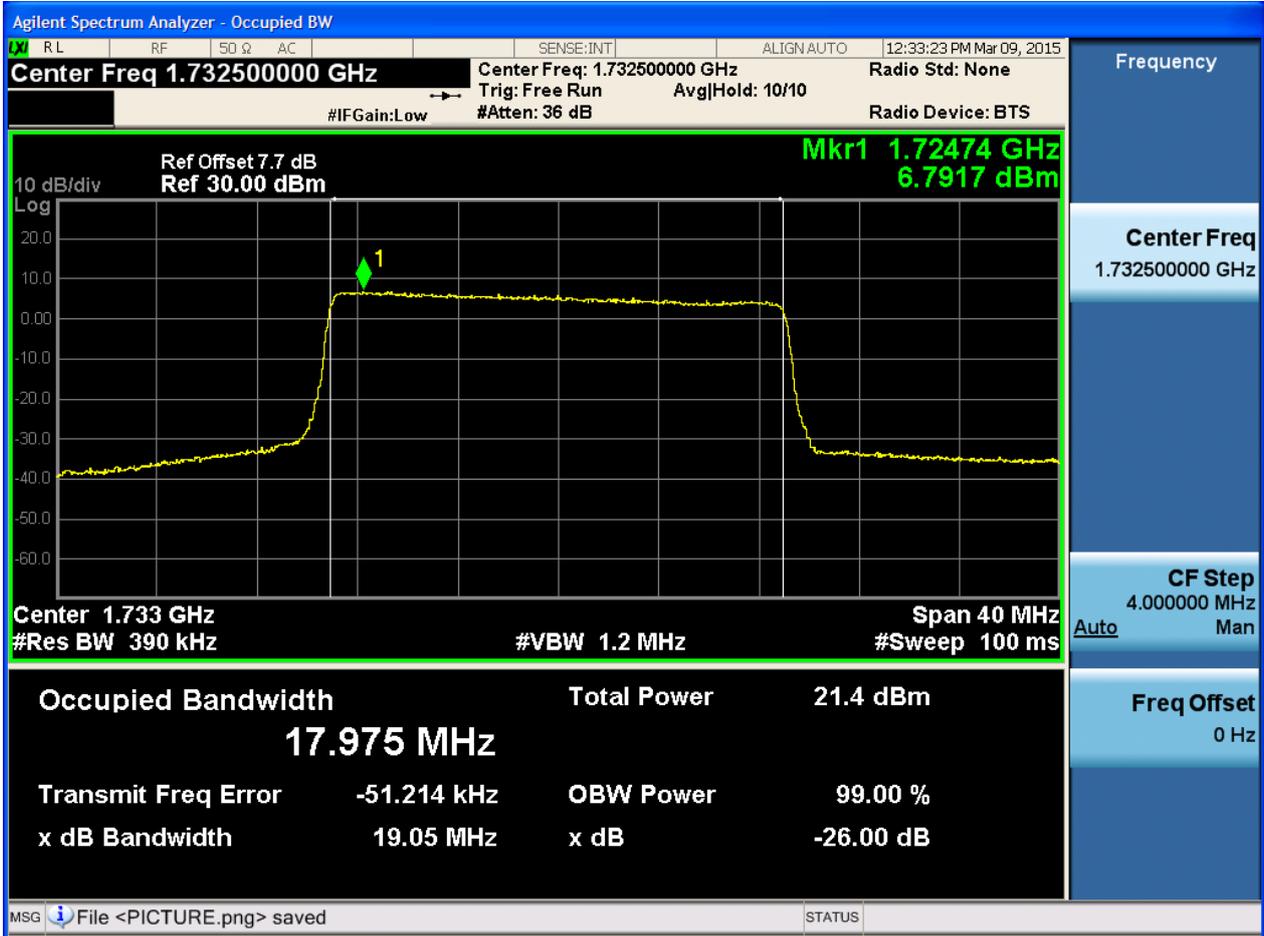
4.1.1.1.6.1.1 Test RB = RB100#0





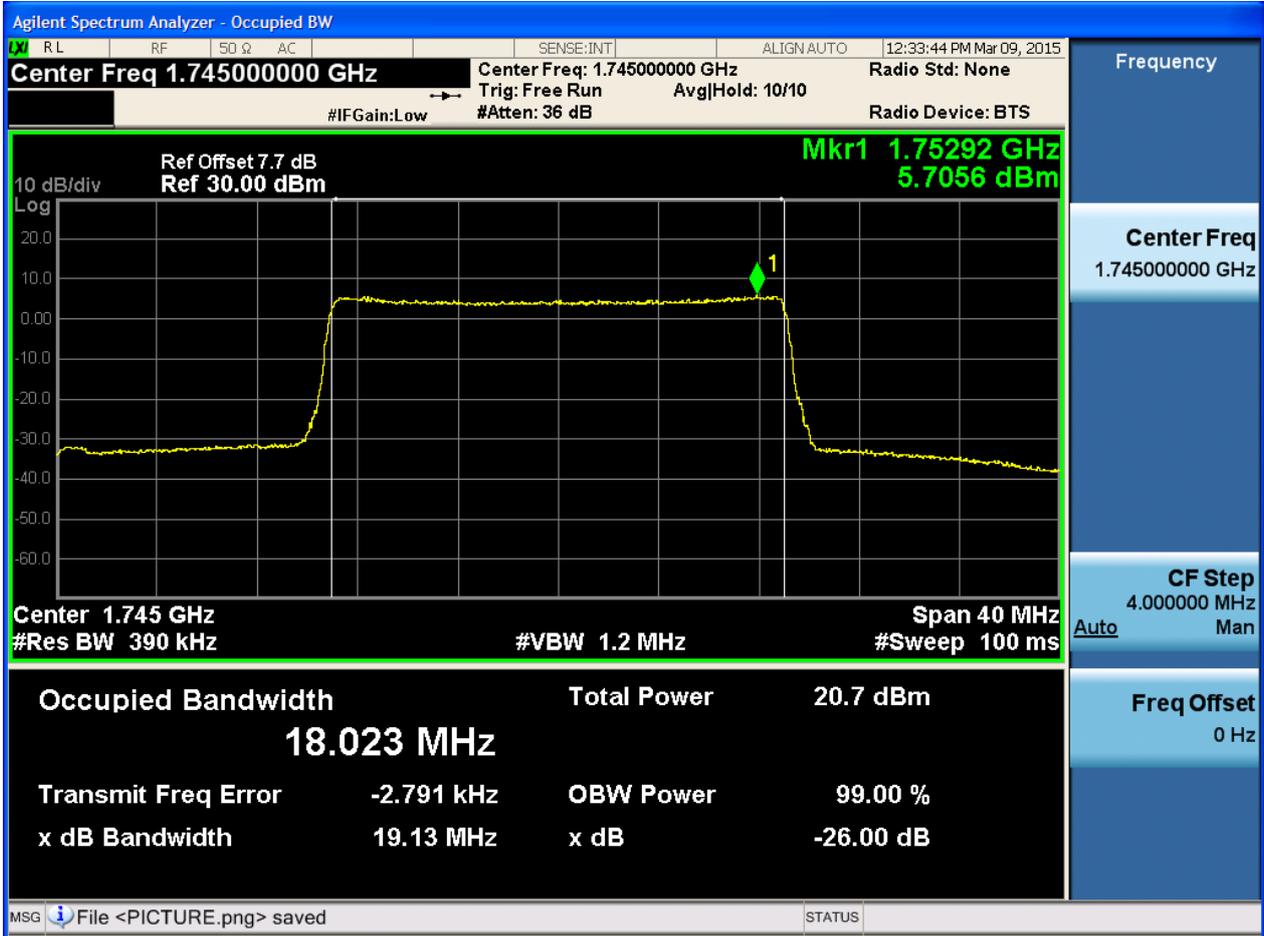
4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



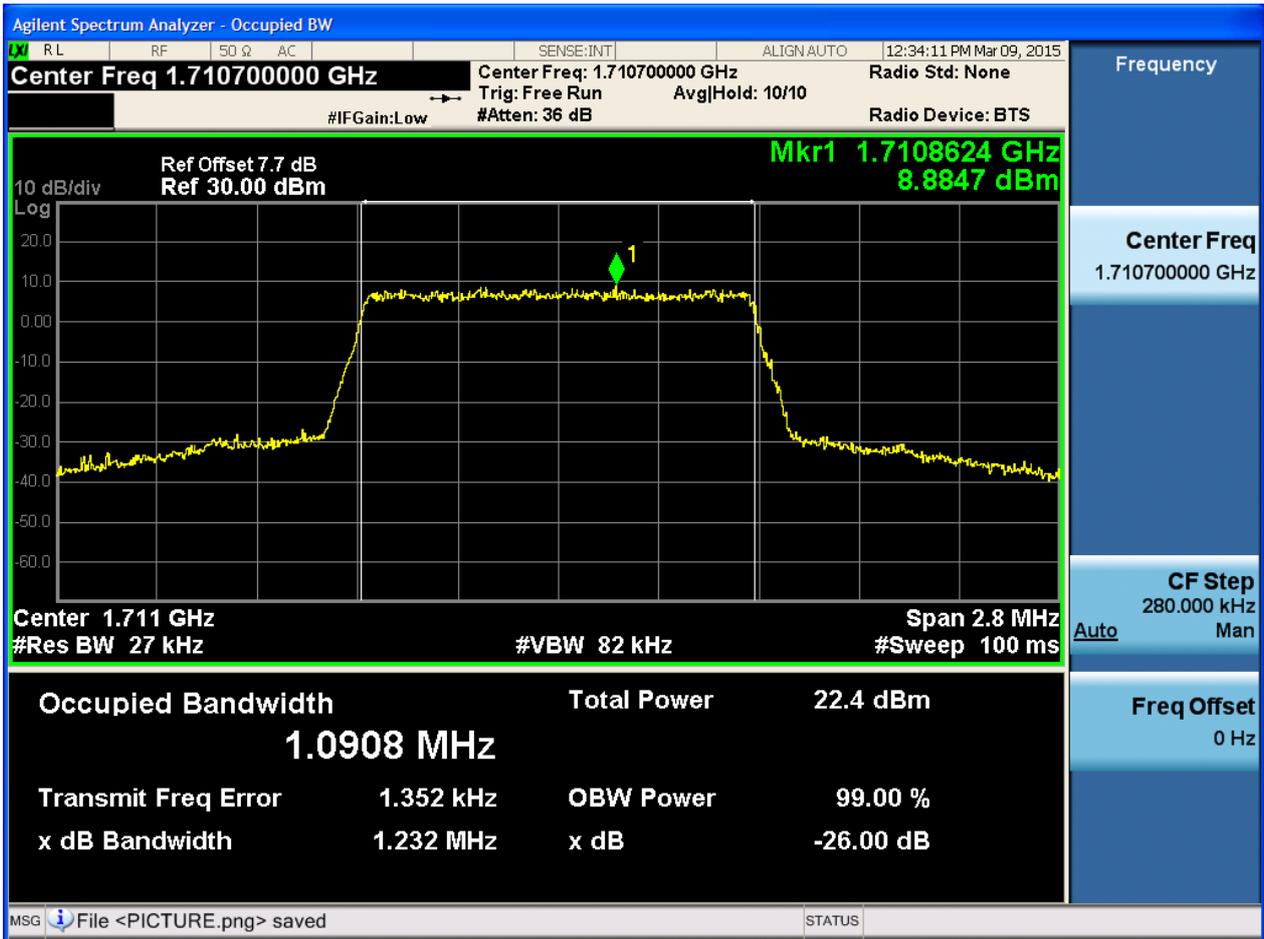


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

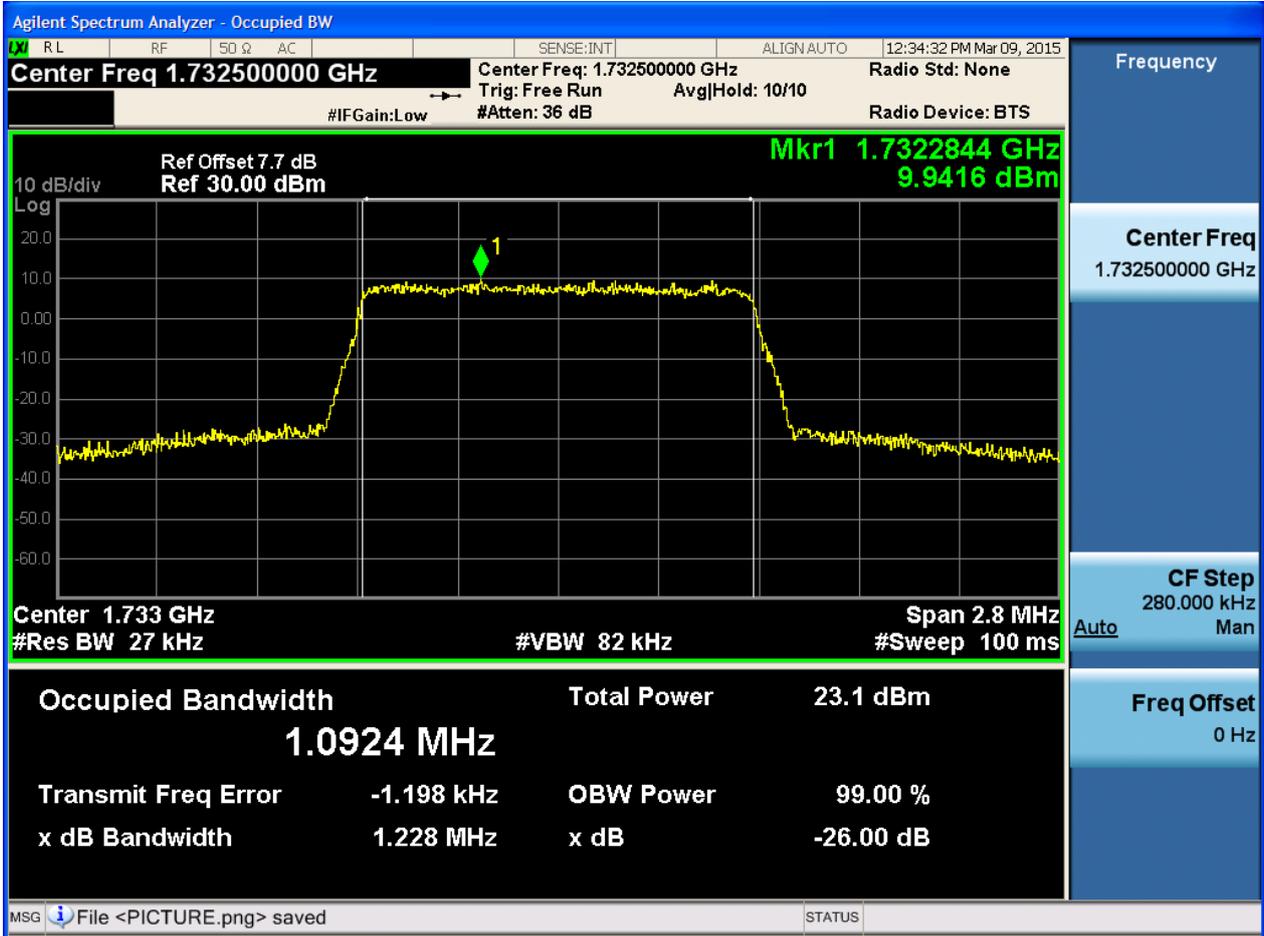
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

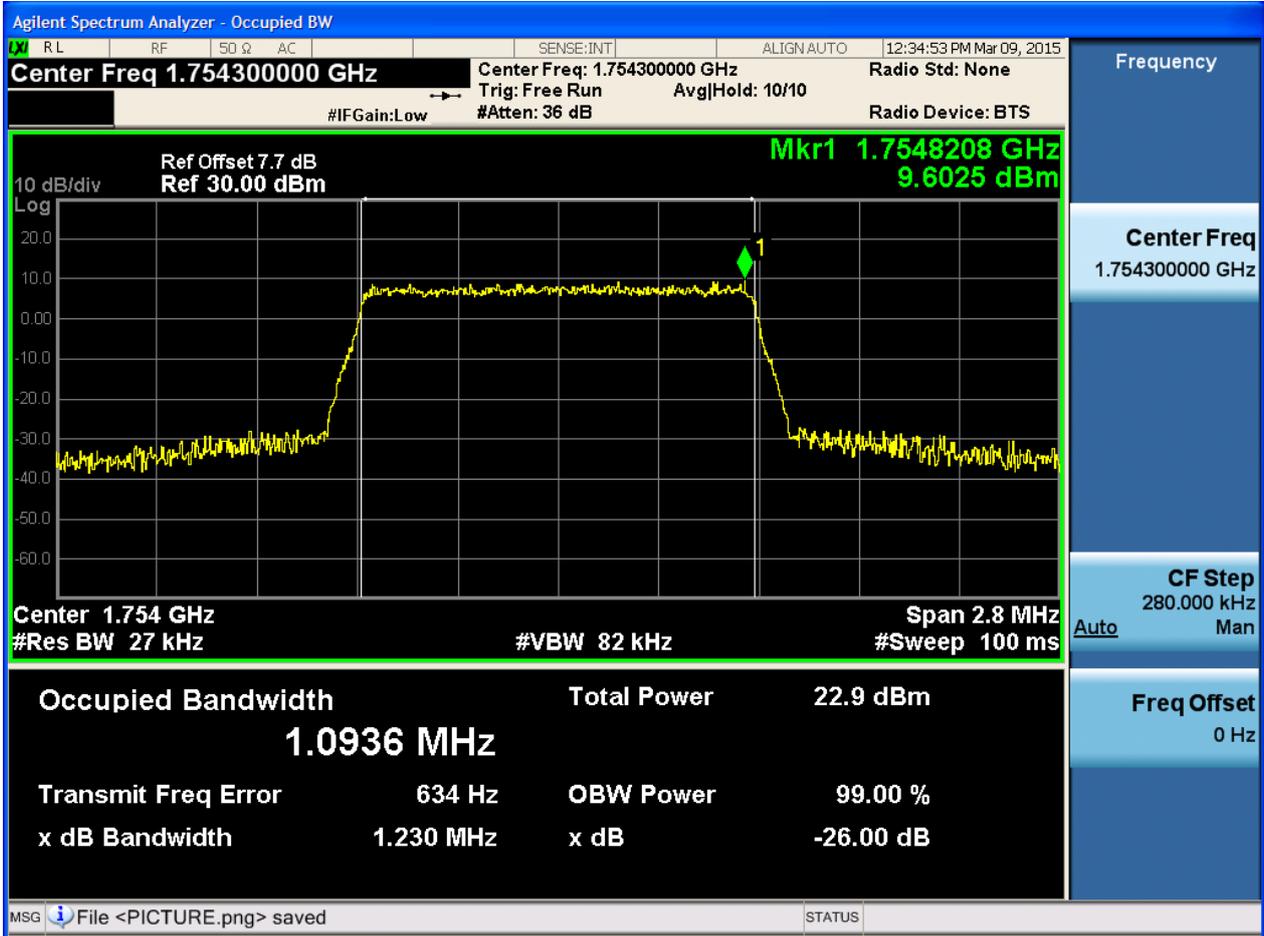
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

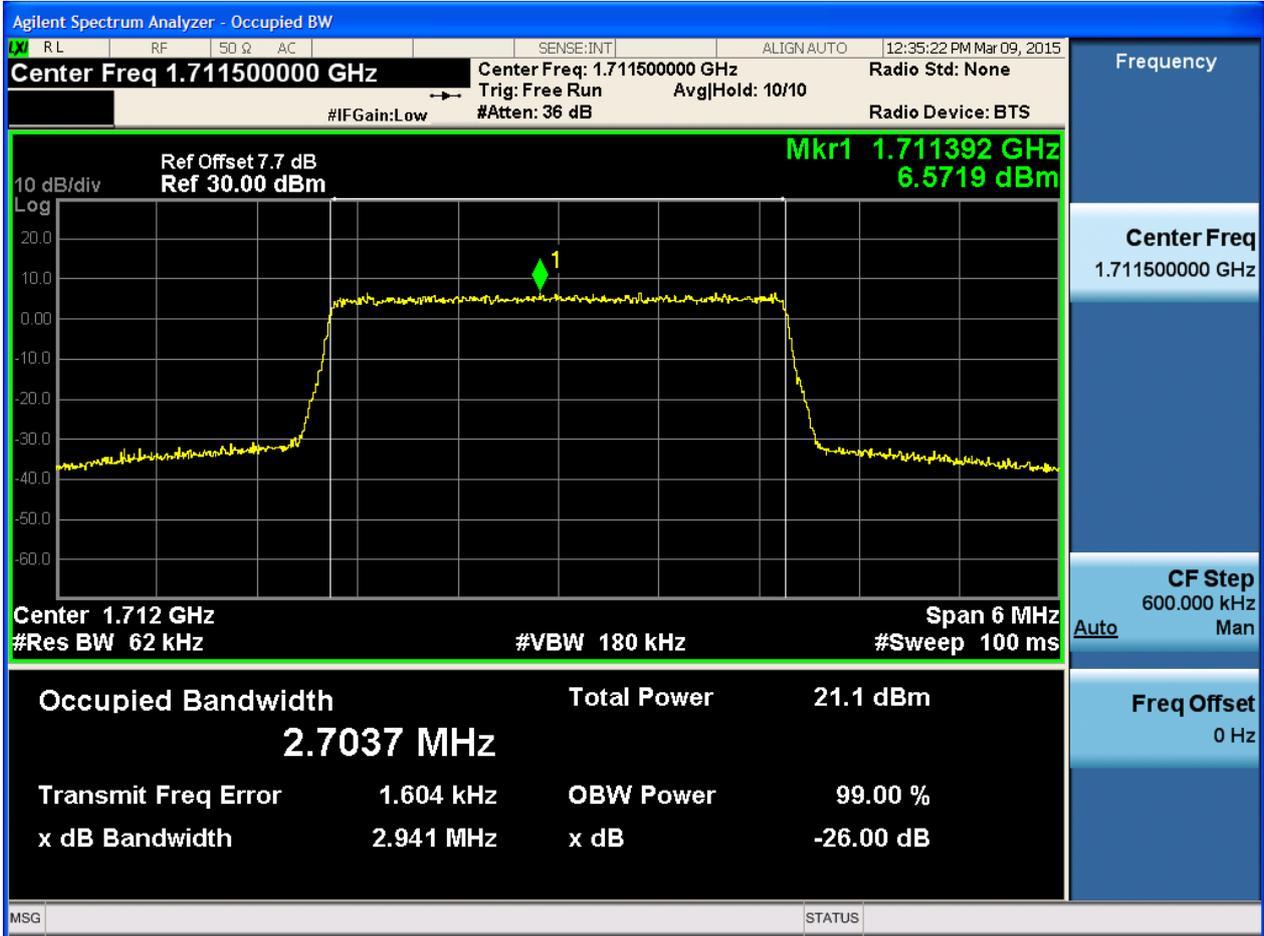




4.1.1.2.2 Test Bandwidth = 3

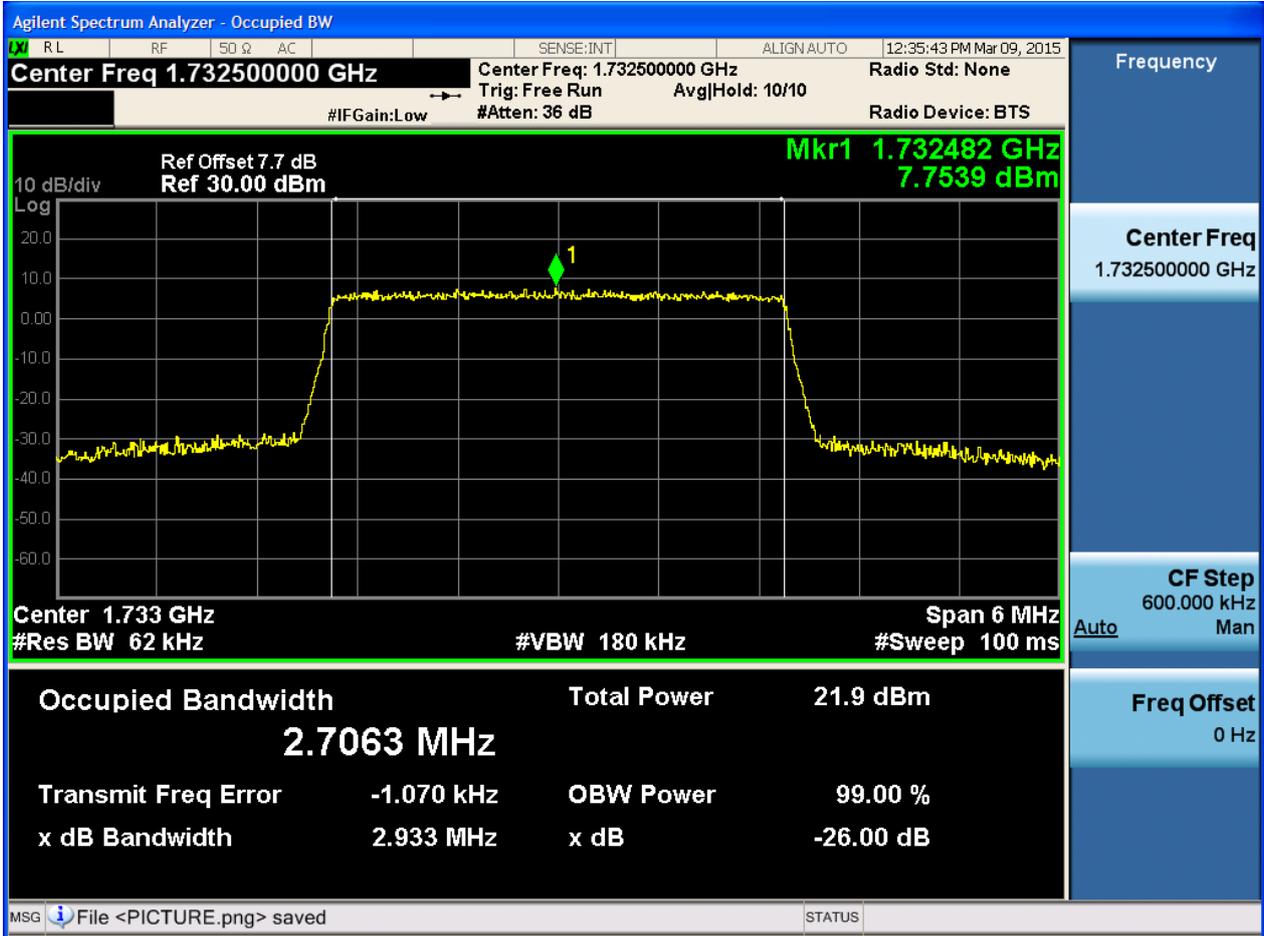
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



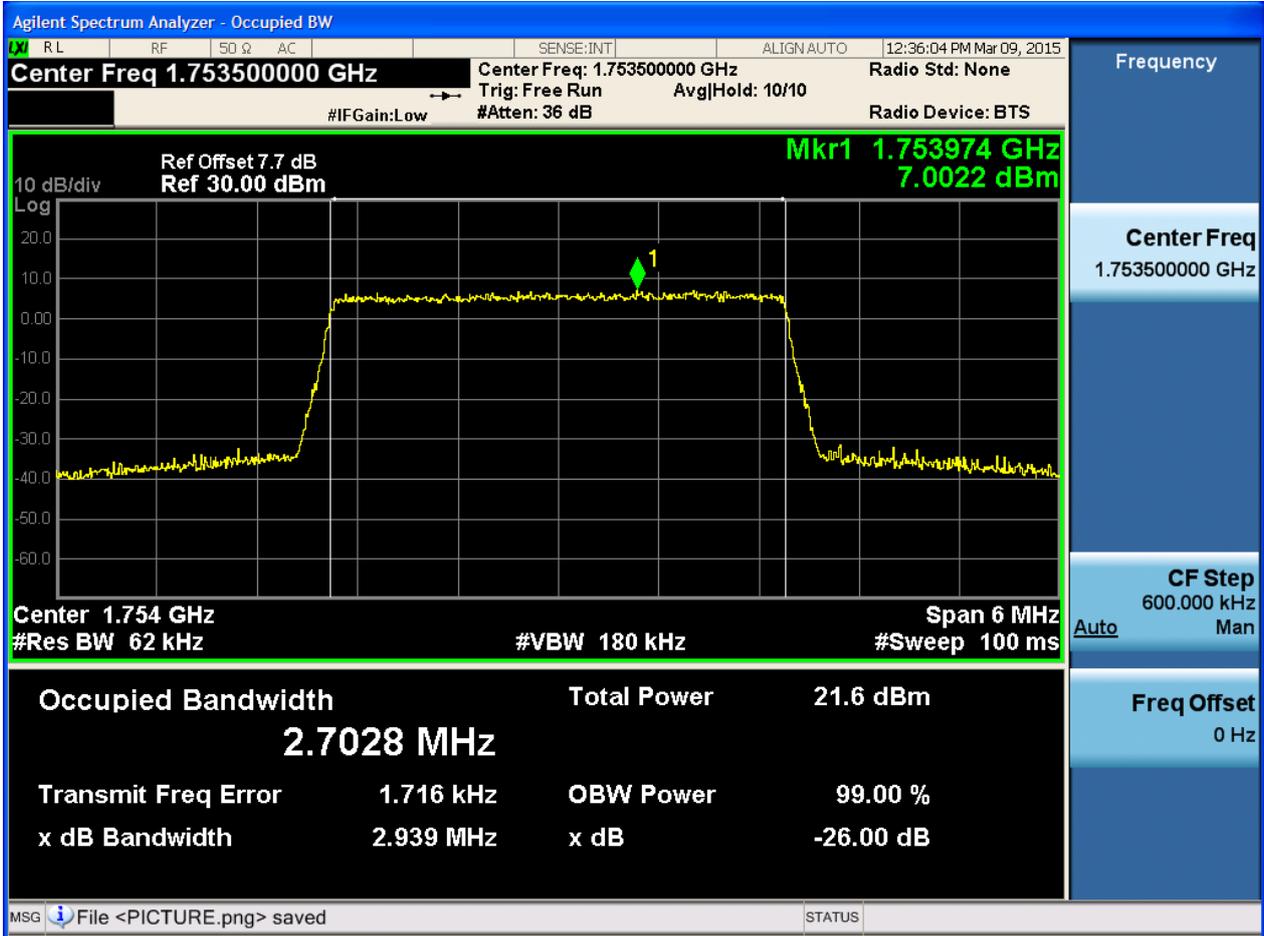
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

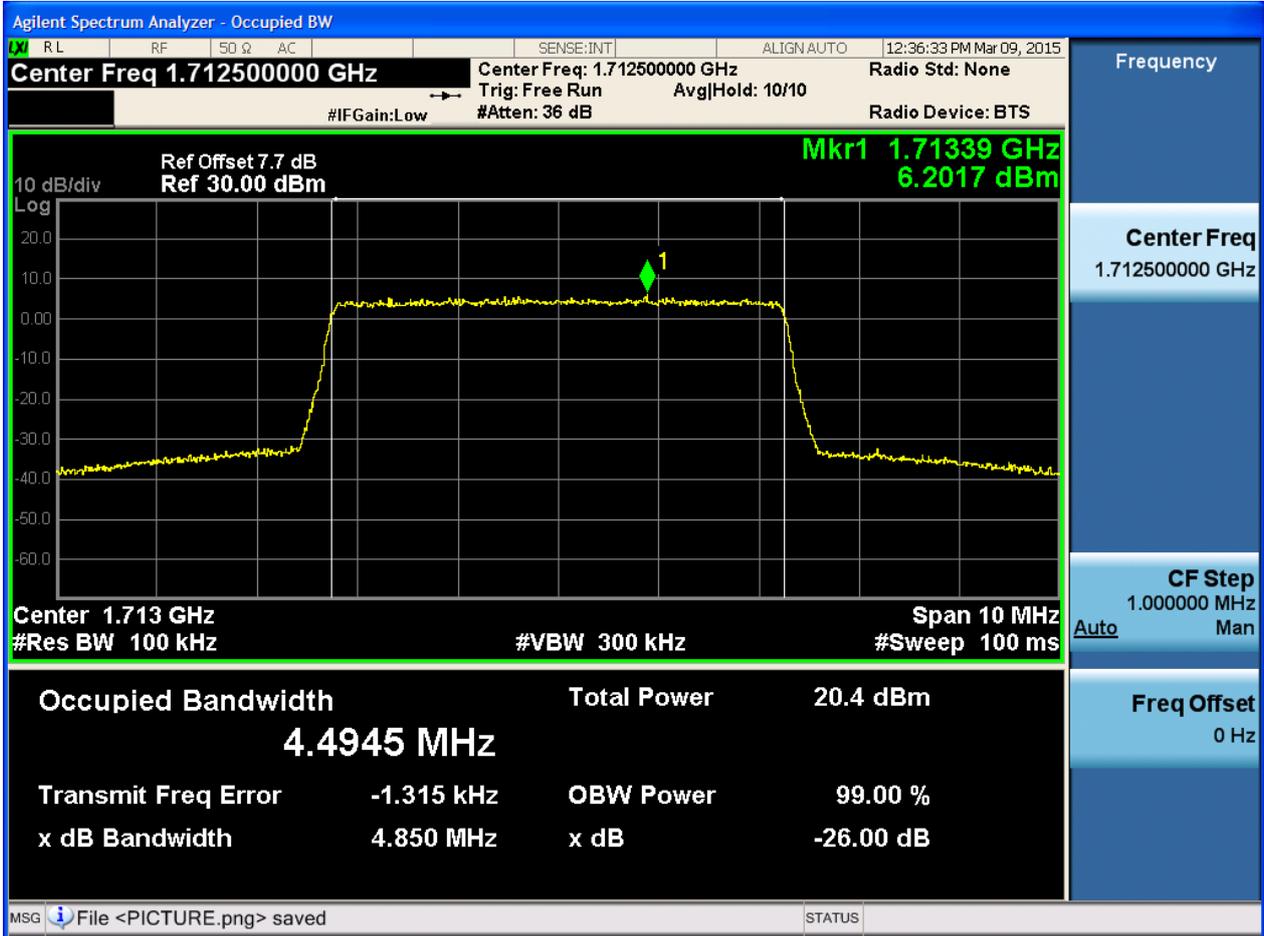




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

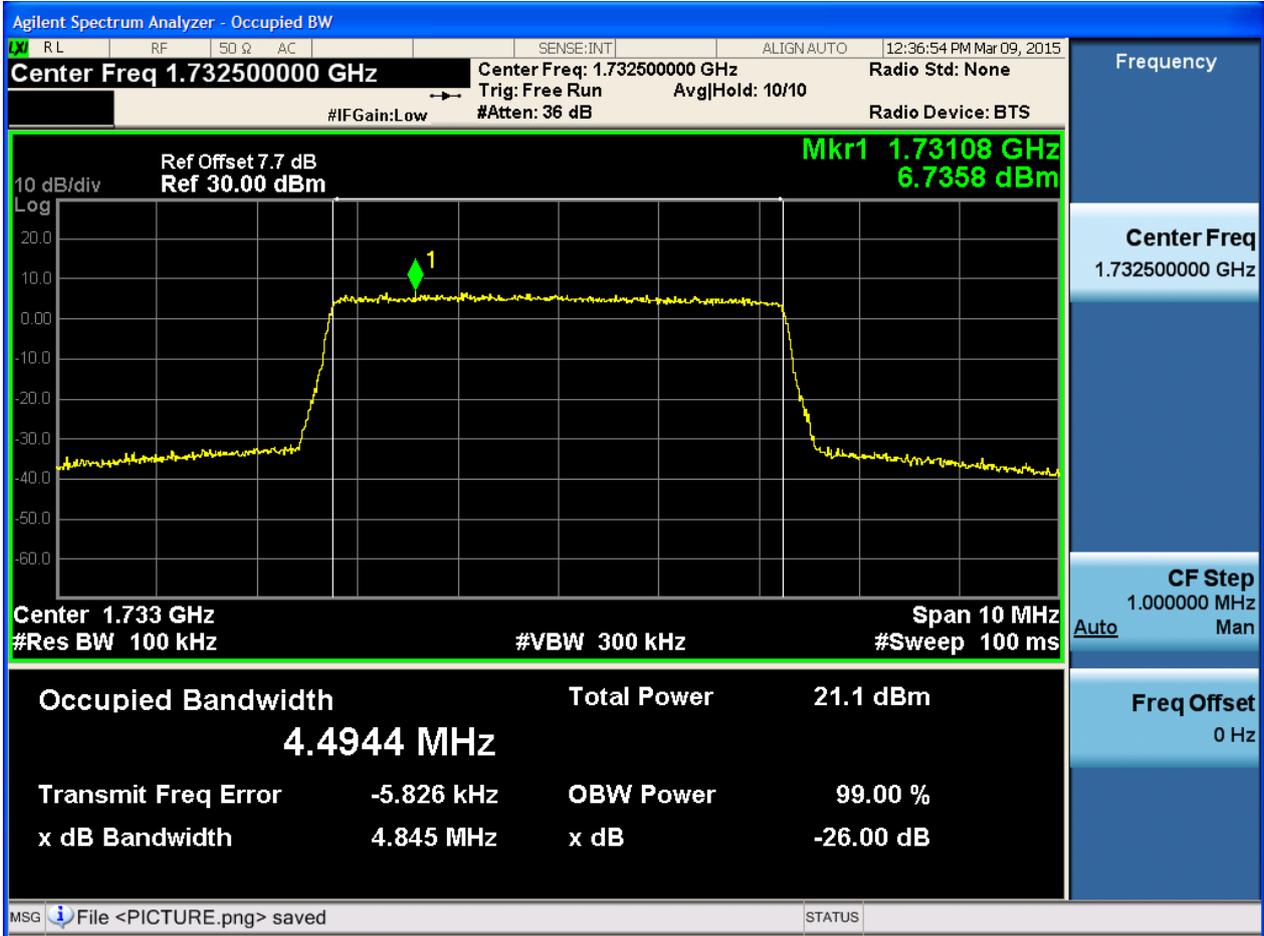
4.1.1.2.3.1.1 Test RB = RB25#0





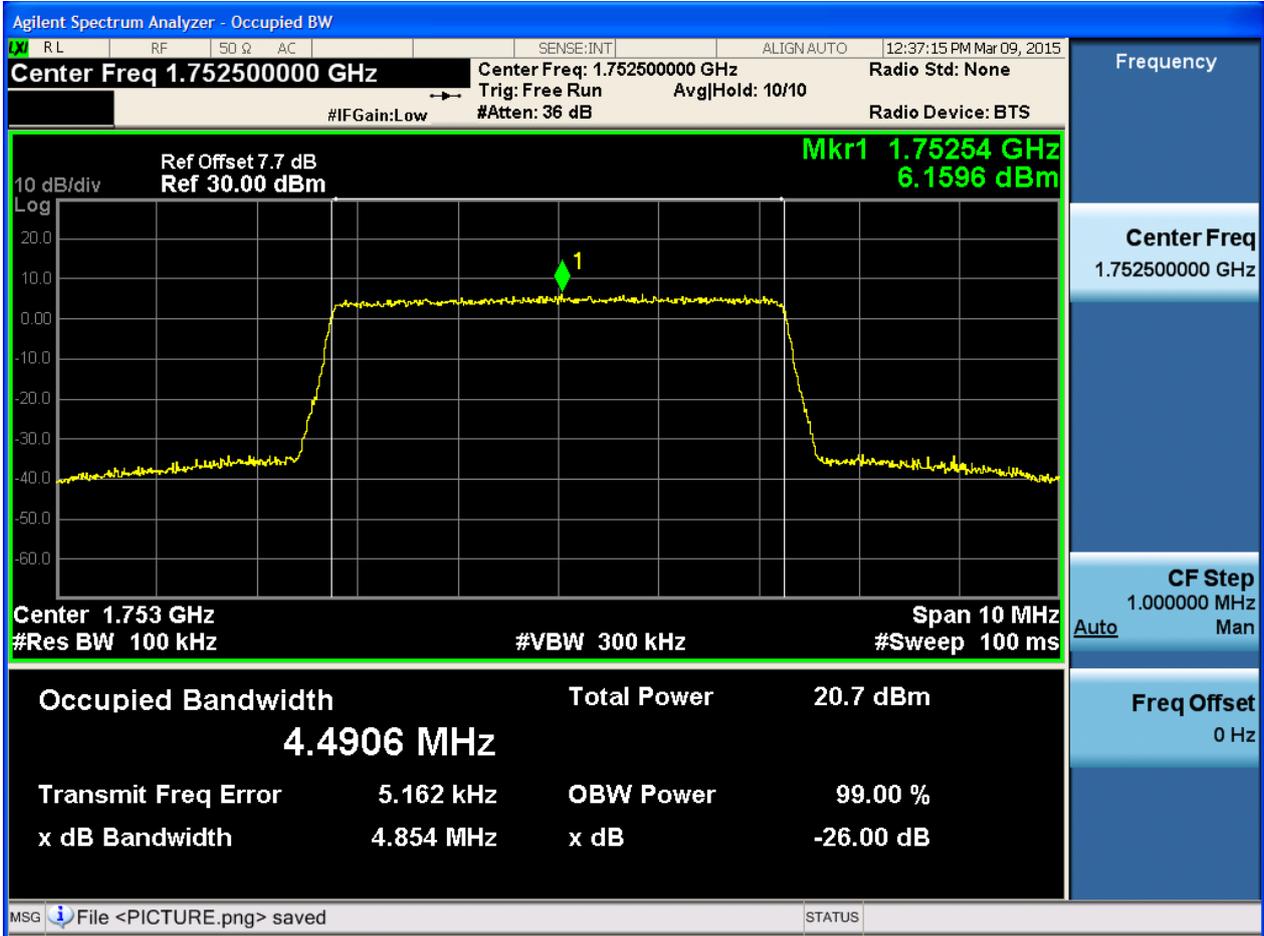
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

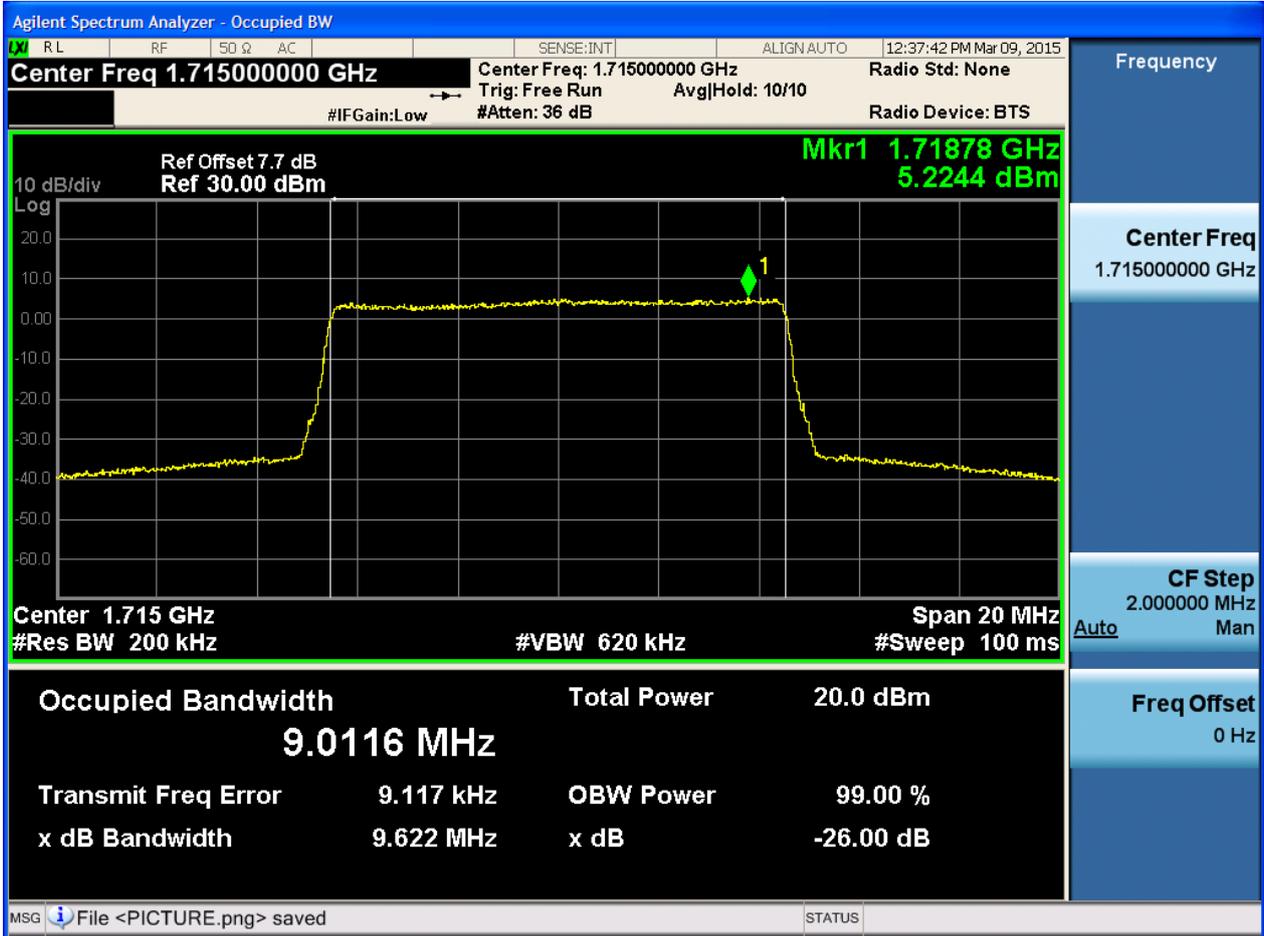




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

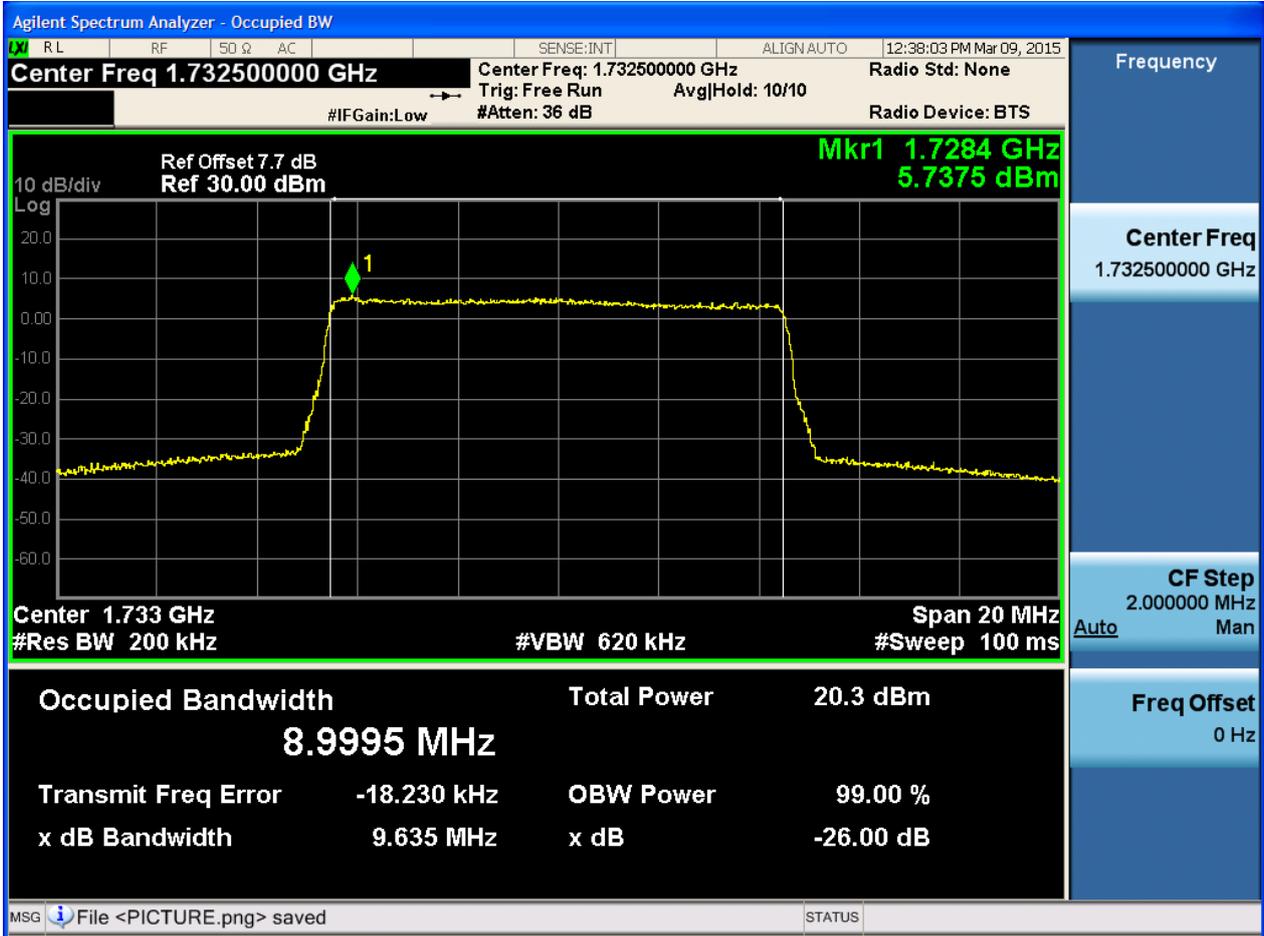
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

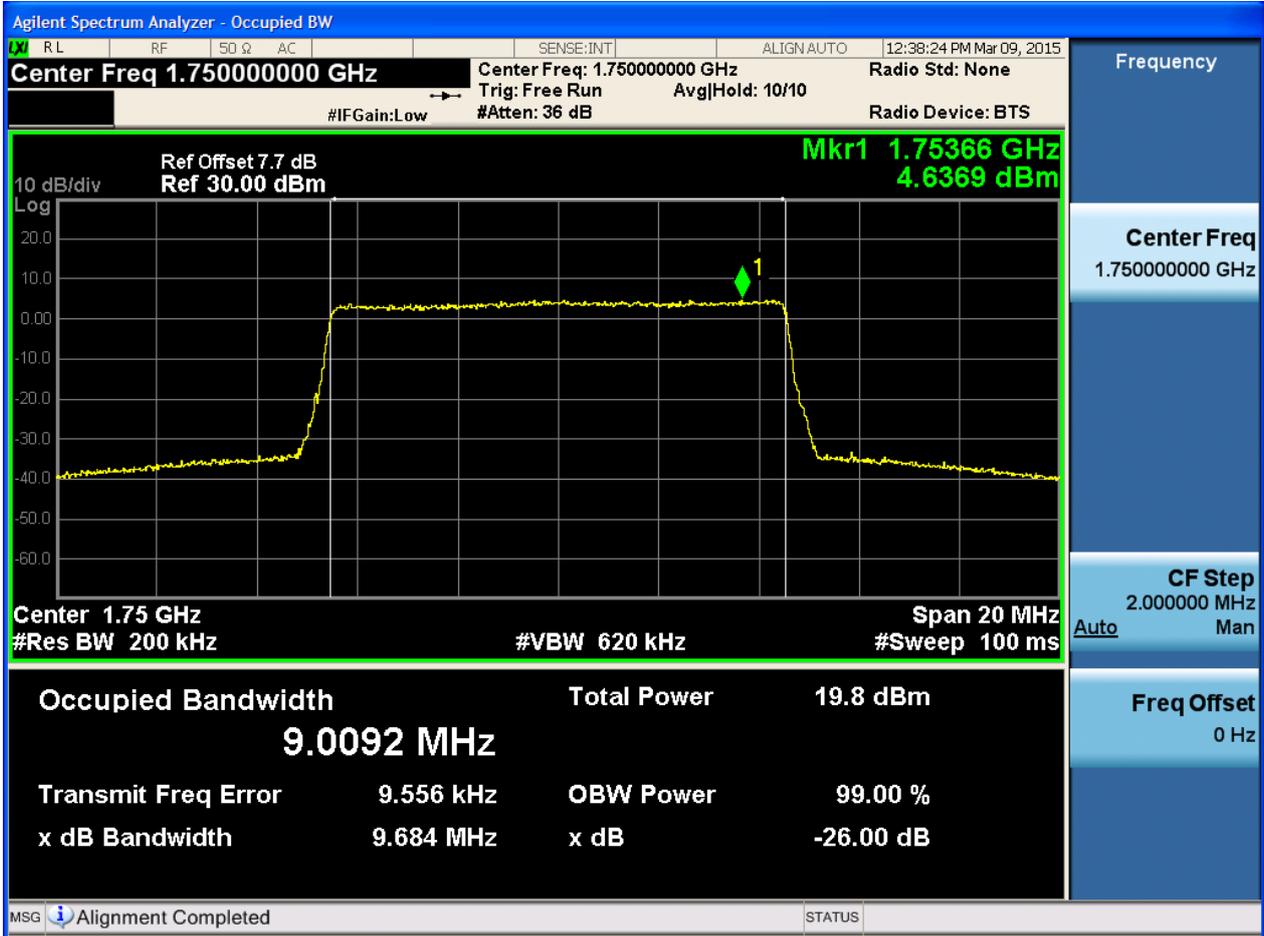
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

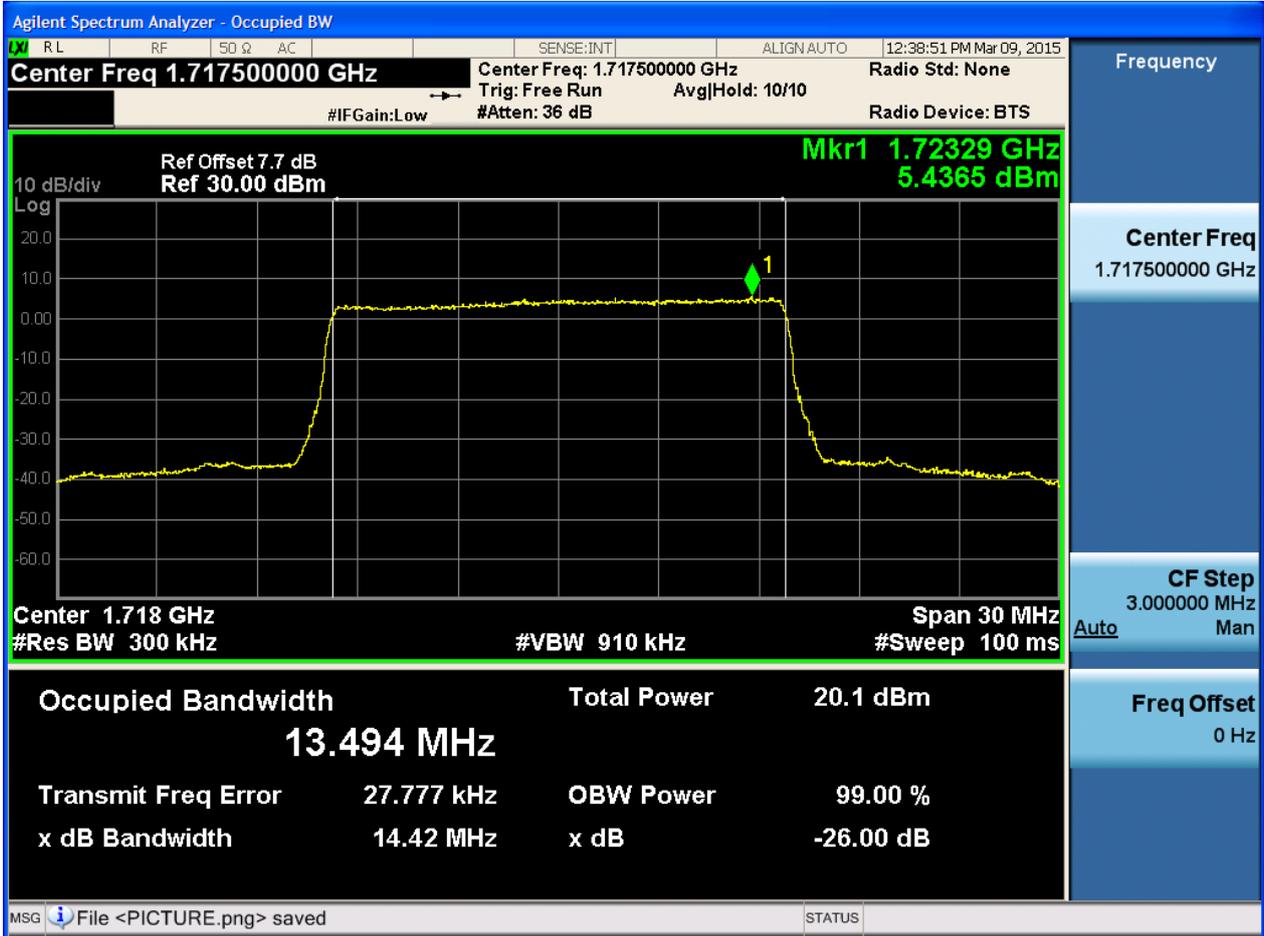




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

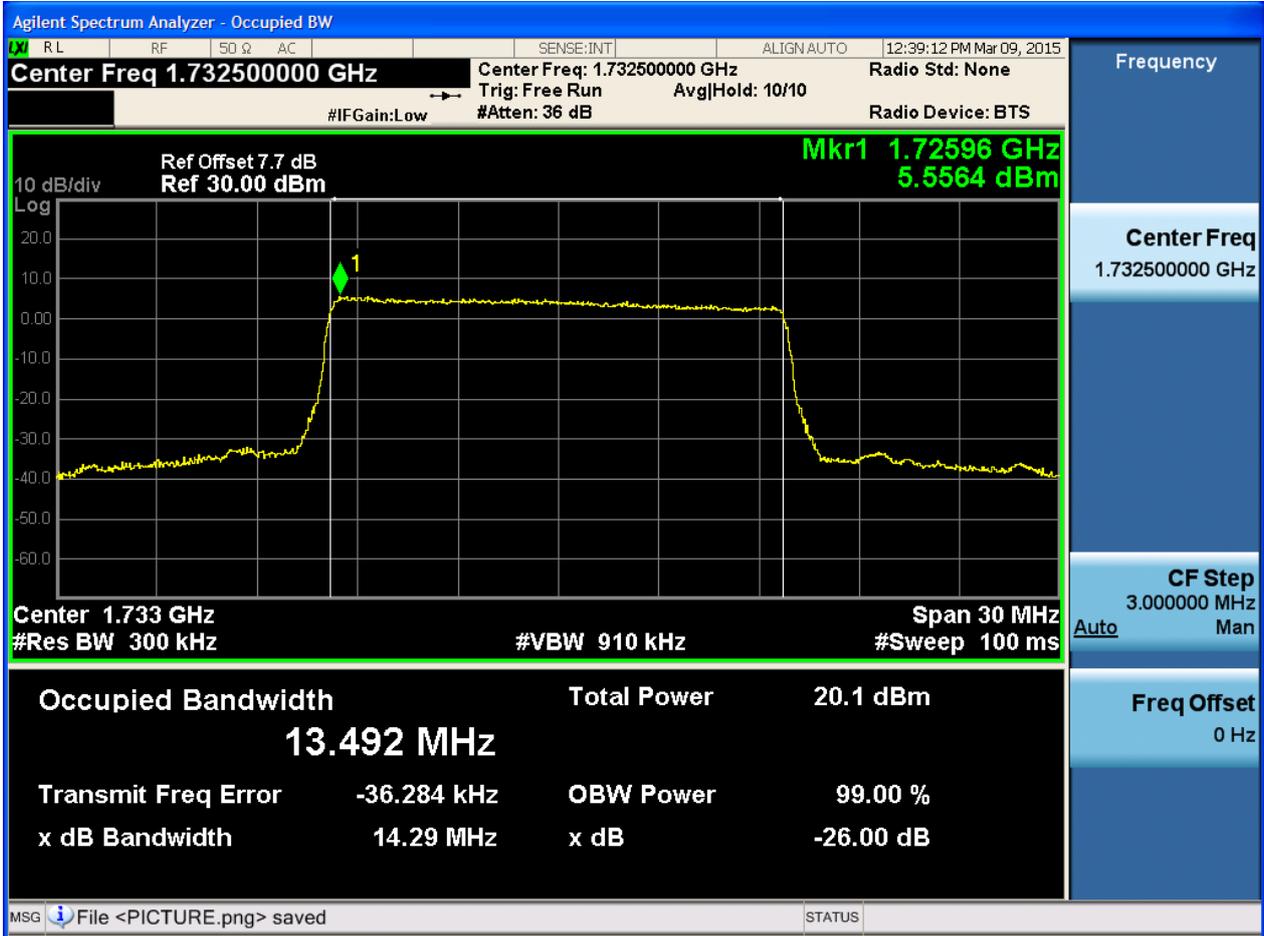
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

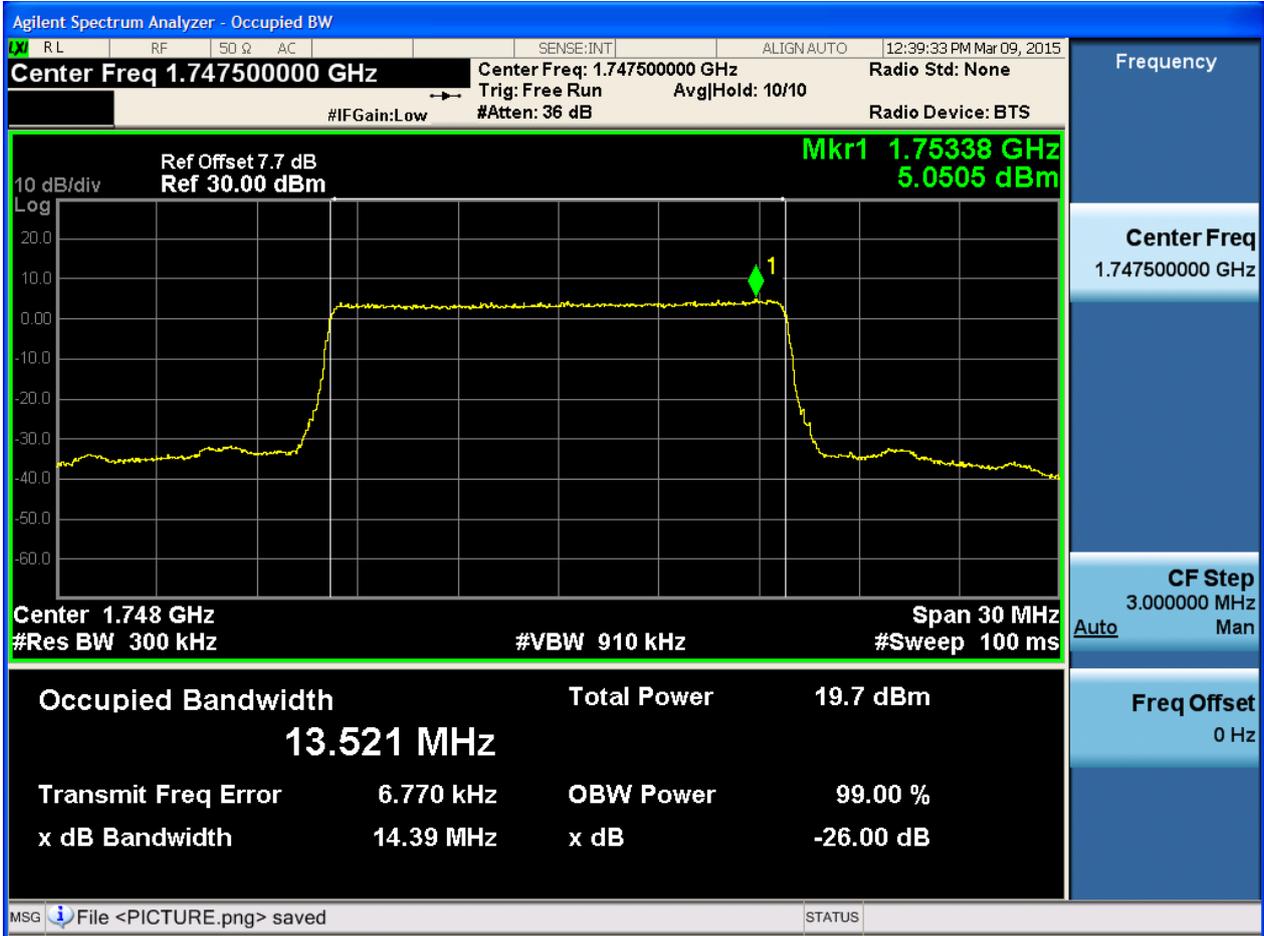
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

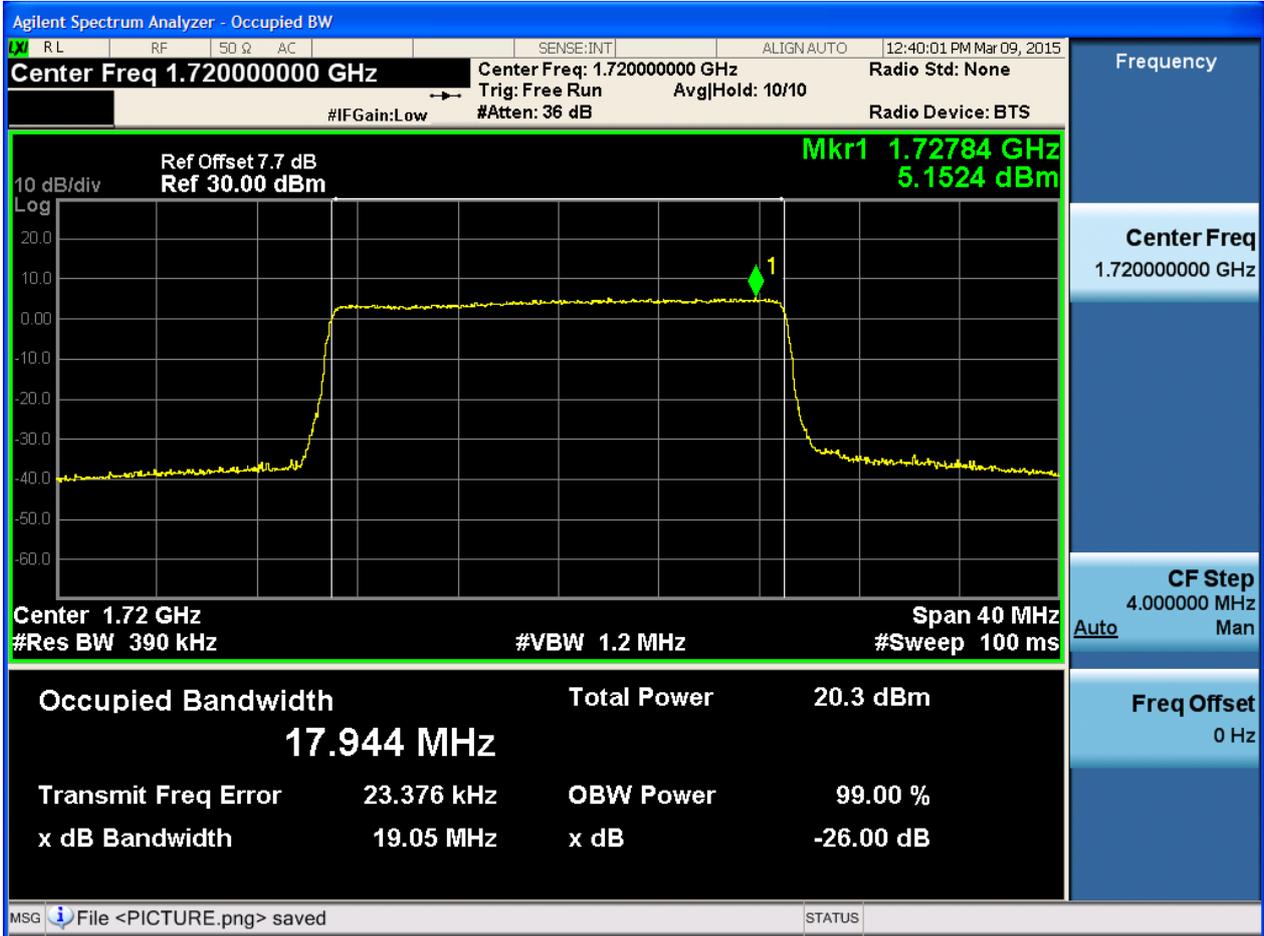




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

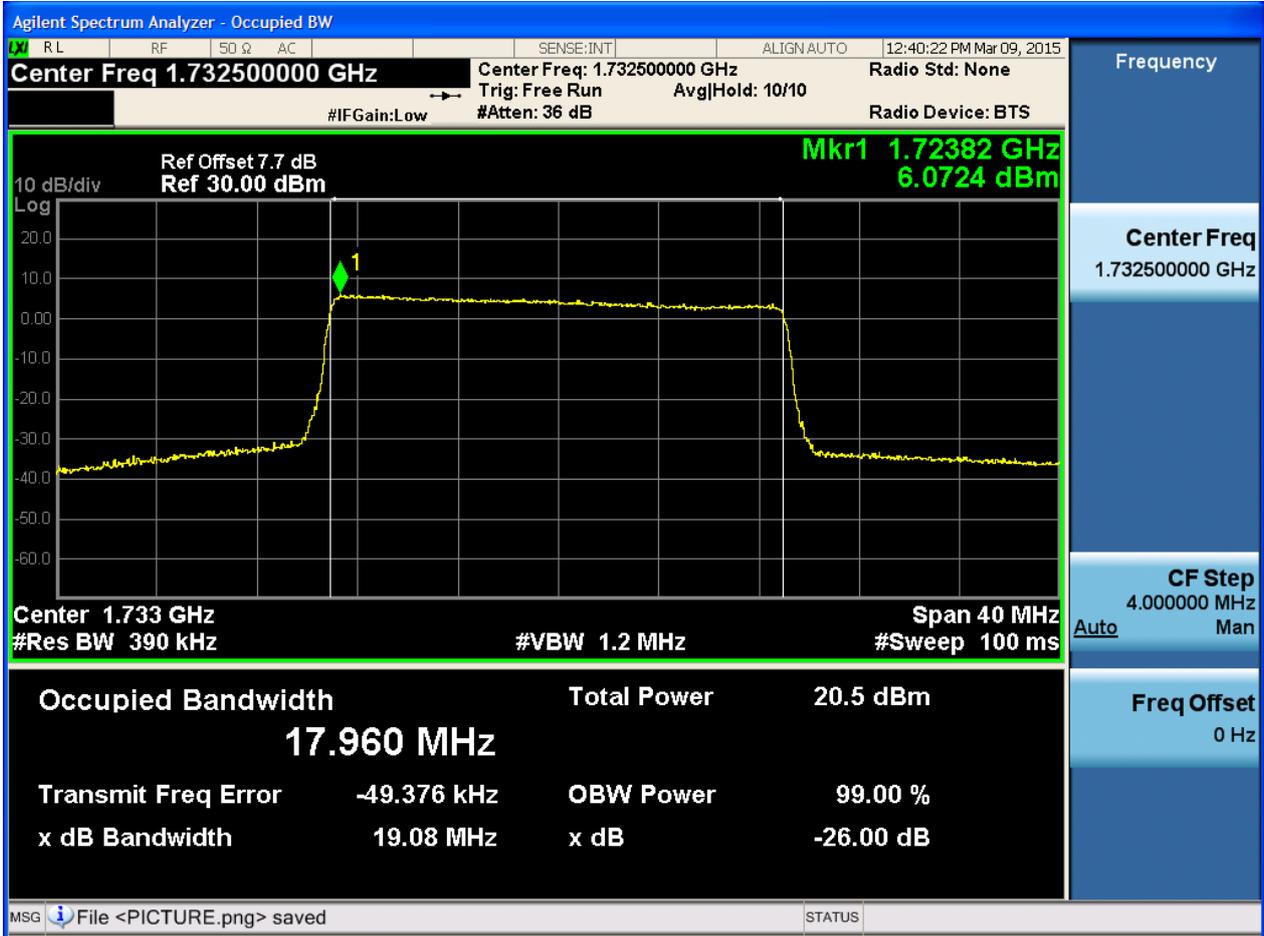
4.1.1.2.6.1.1 Test RB = RB100#0





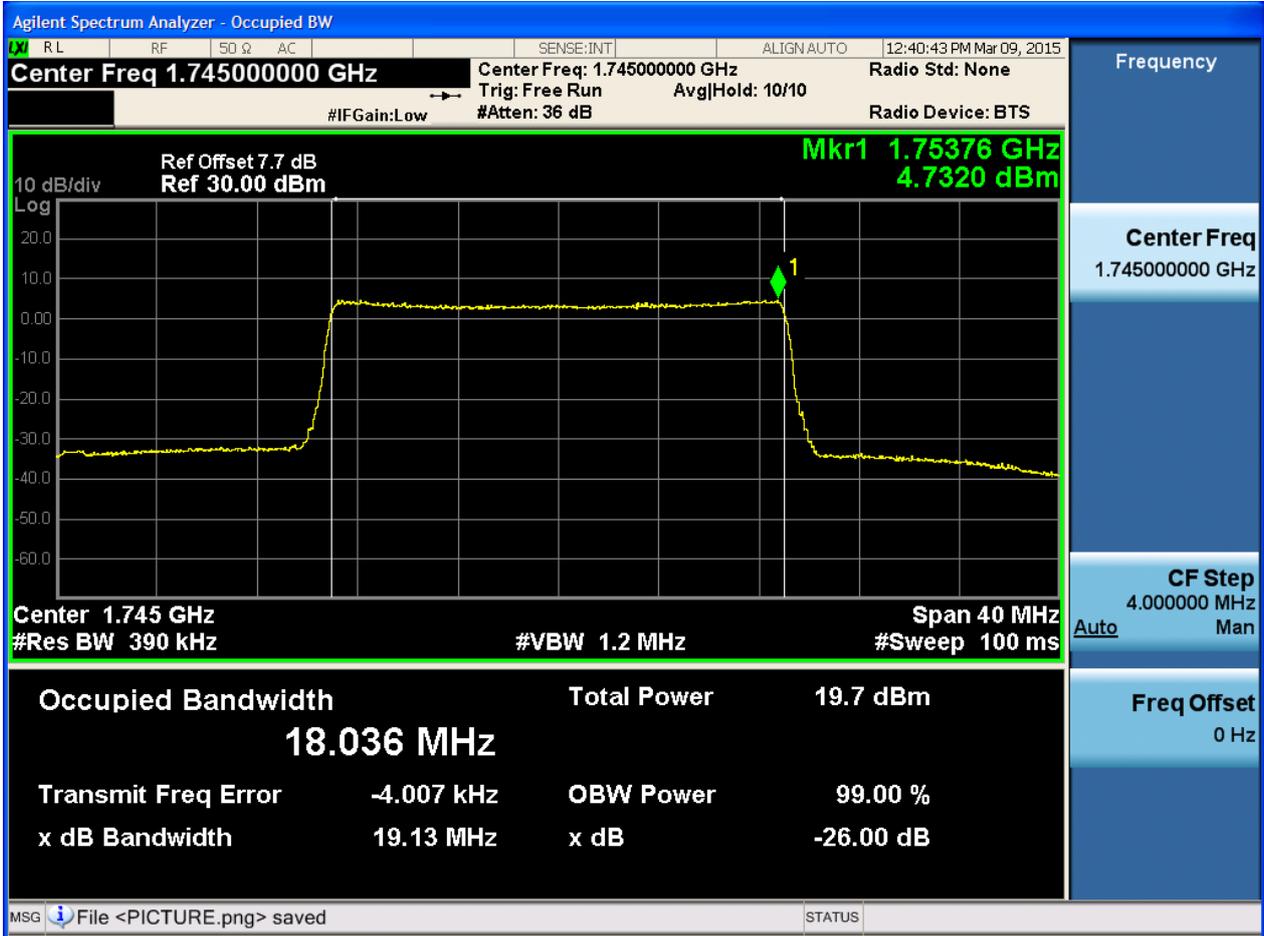
4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

##### 5.1.1 Test Band = BAND4

##### 5.1.1.1 Test Mode = LTE/TM1

##### 5.1.1.1.1 Test Bandwidth = 1.4

##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0

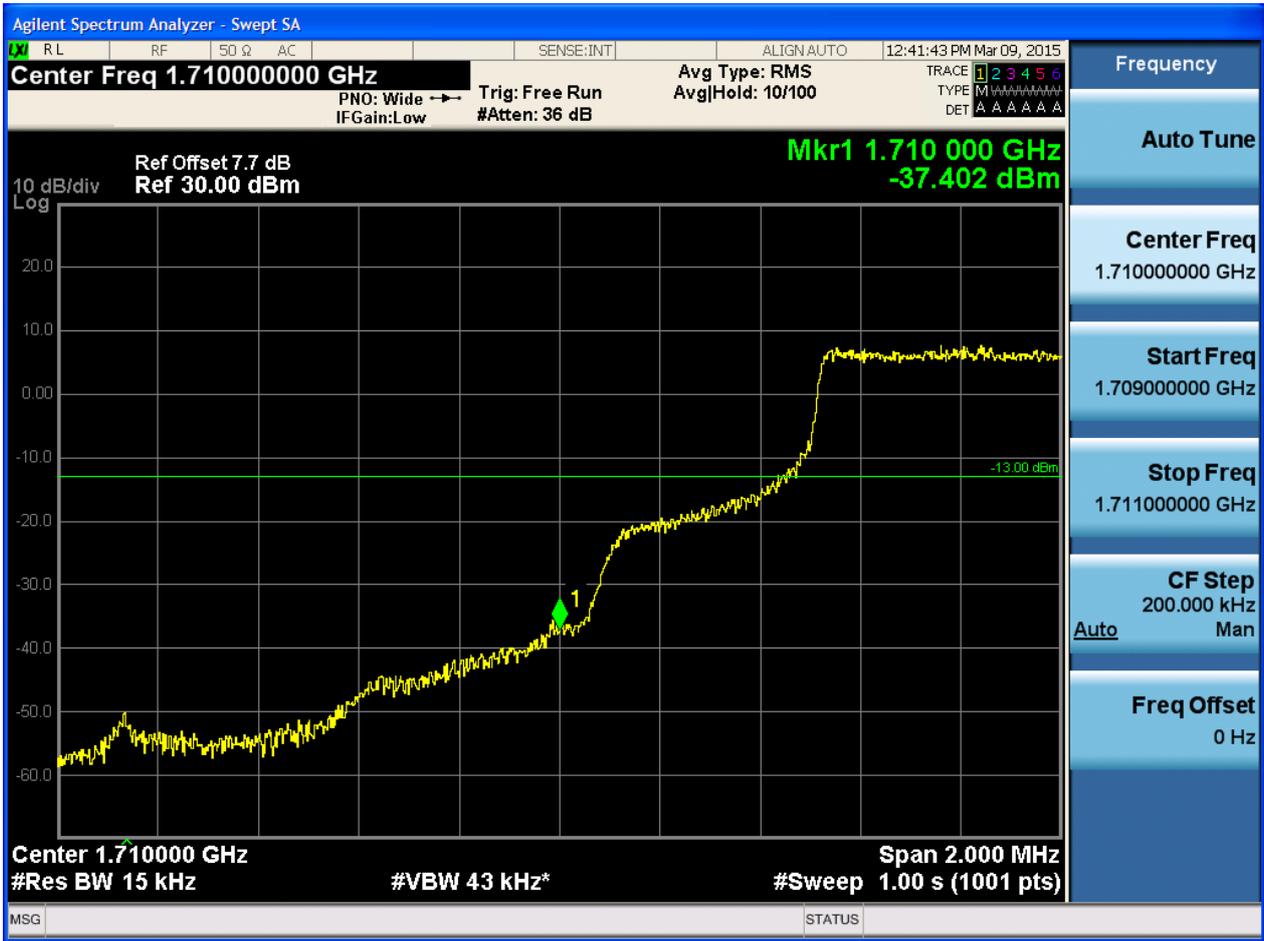


5.1.1.1.1.2 Test RB = RB1#5

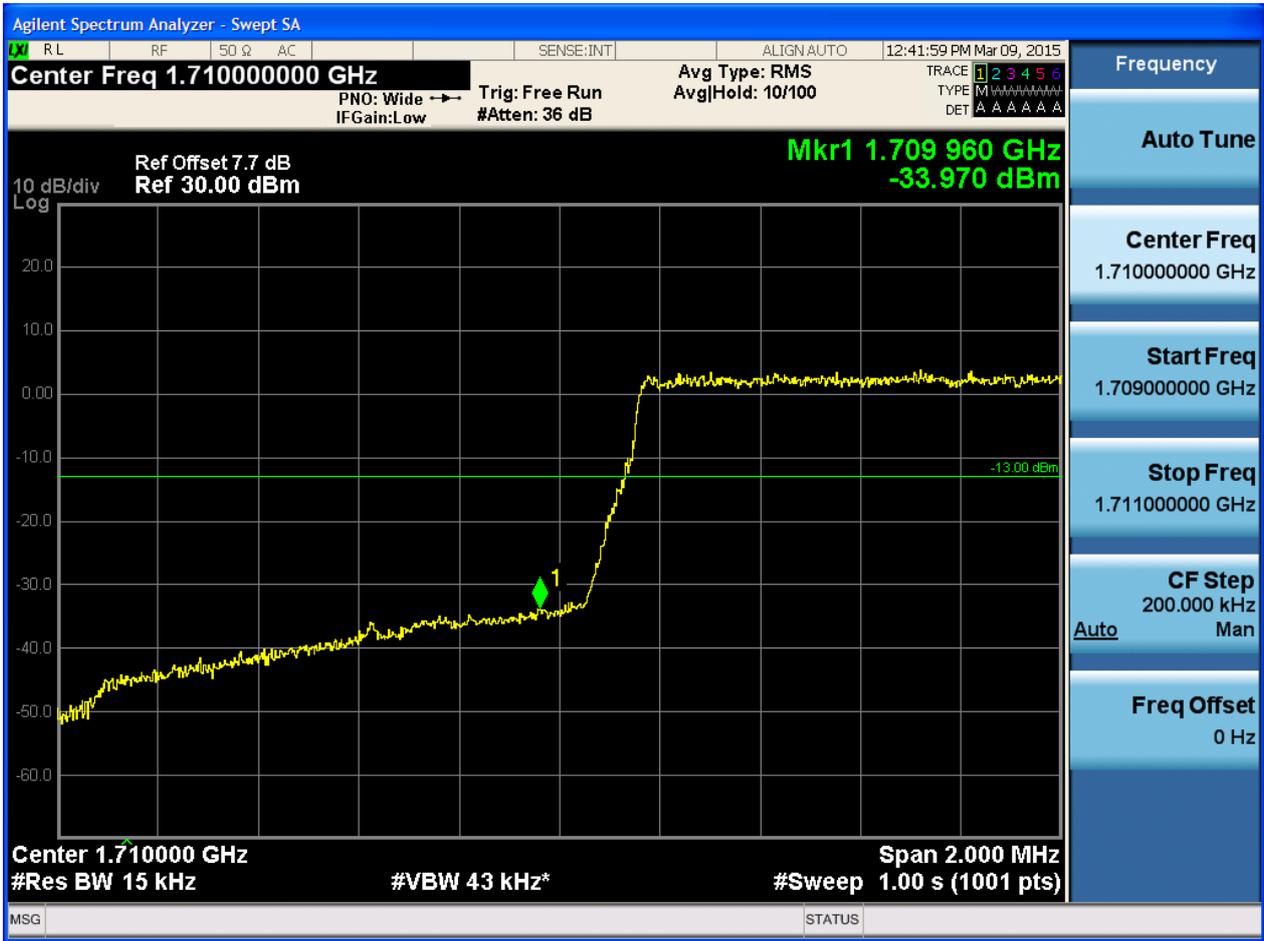




5.1.1.1.1.3 Test RB = RB3#2



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







5.1.1.1.2.4 Test RB = RB6#0

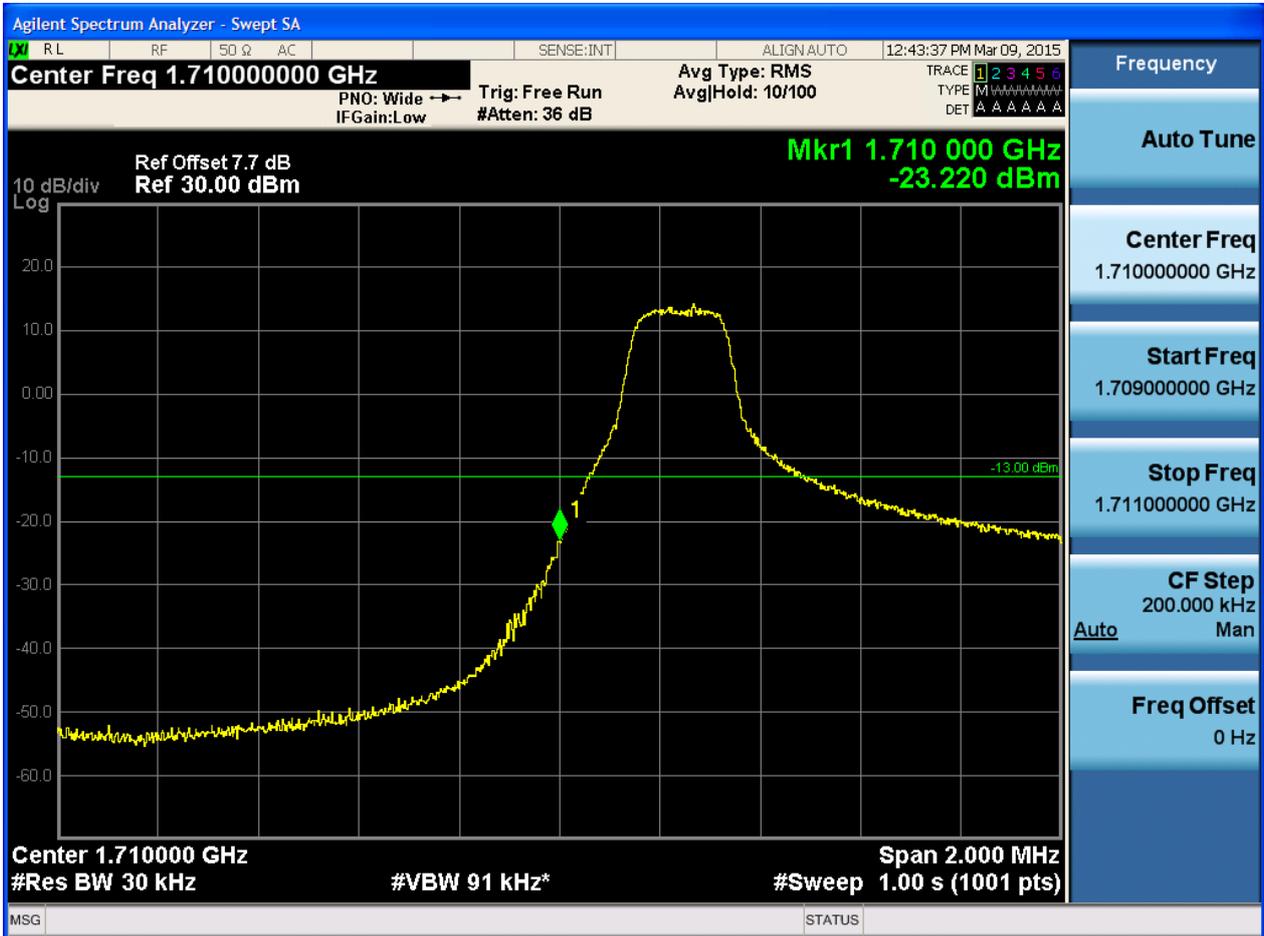




5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





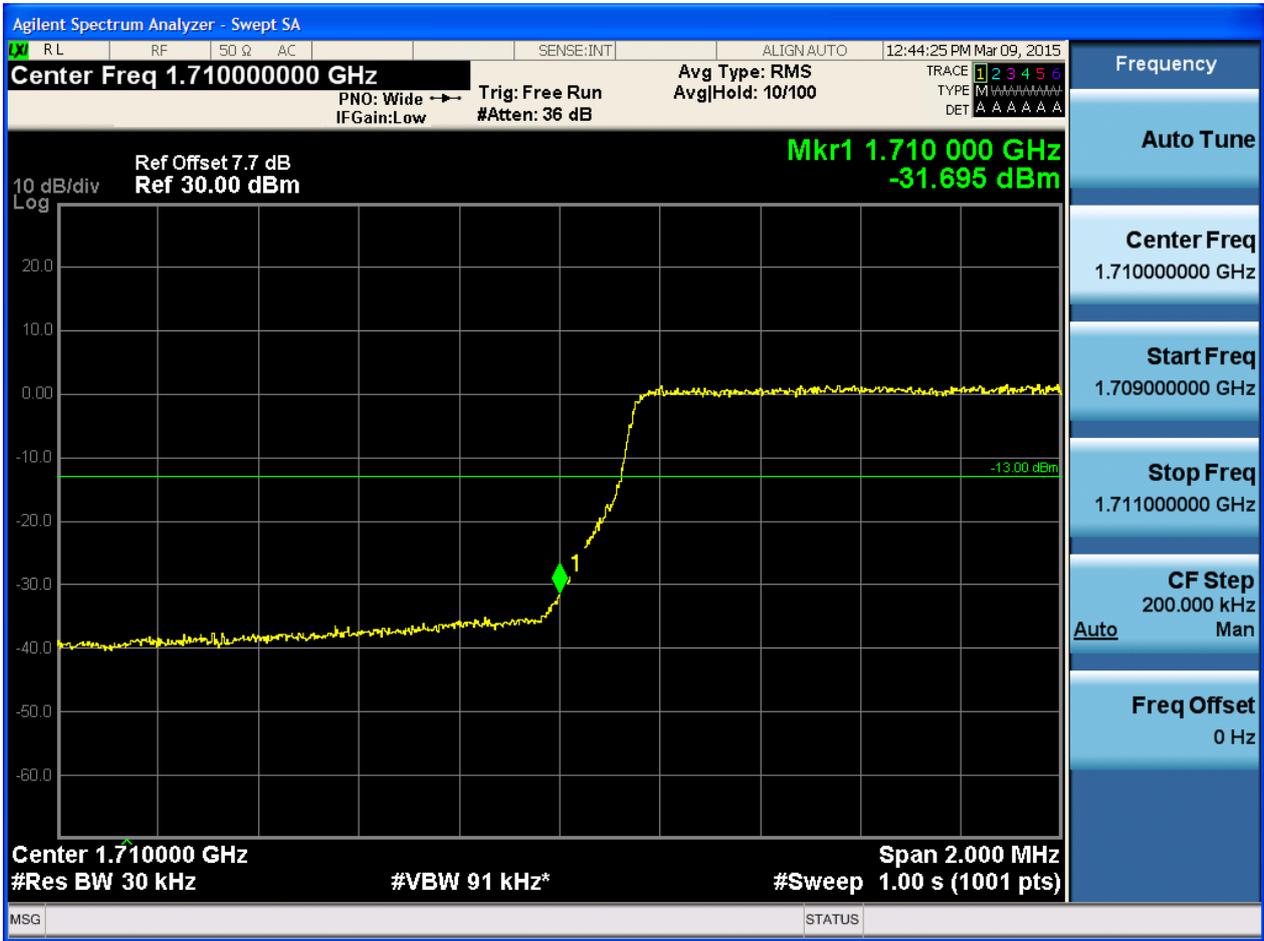


5.1.1.1.2.1.3 Test RB = RB8#4





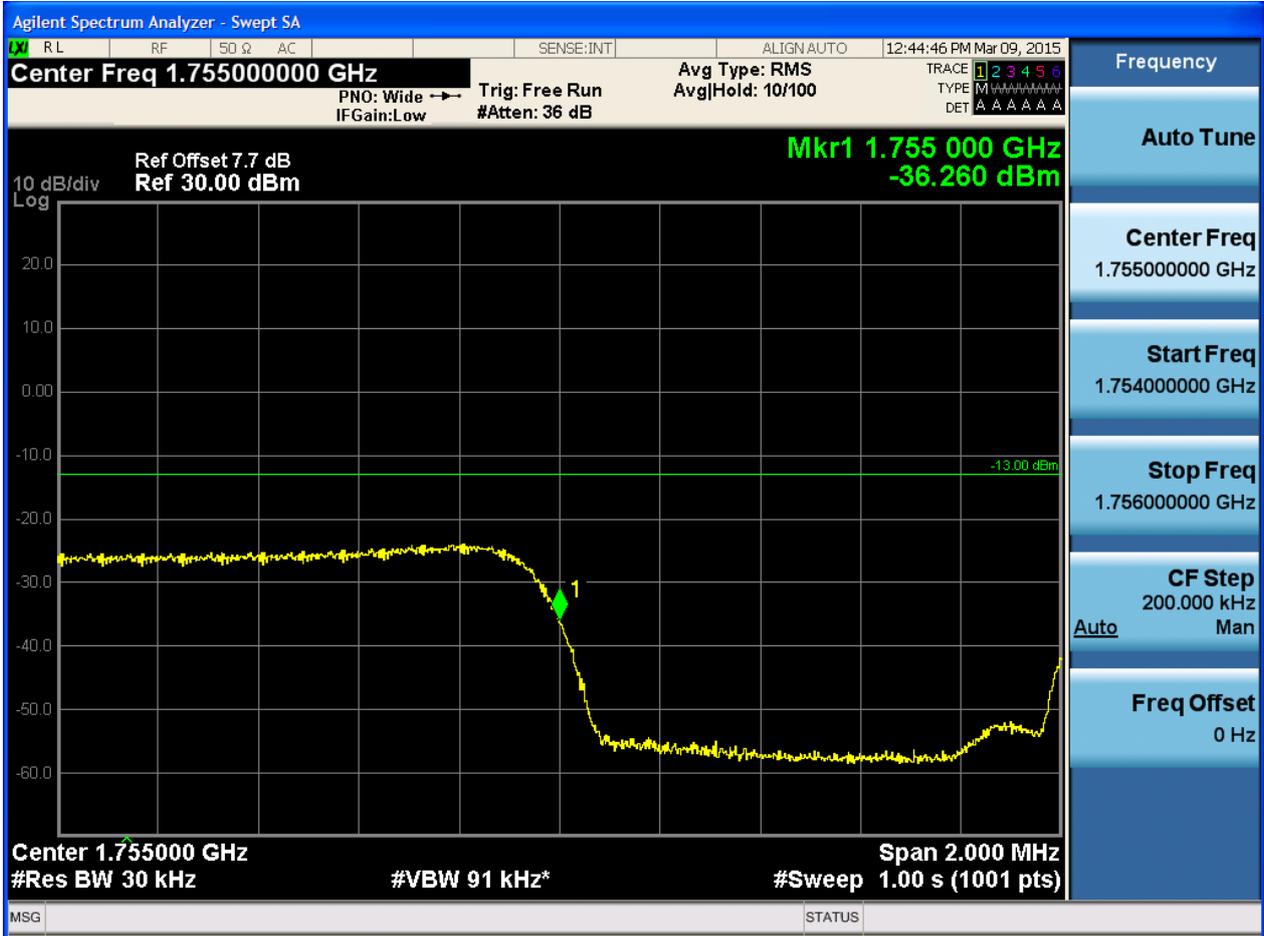
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0







5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

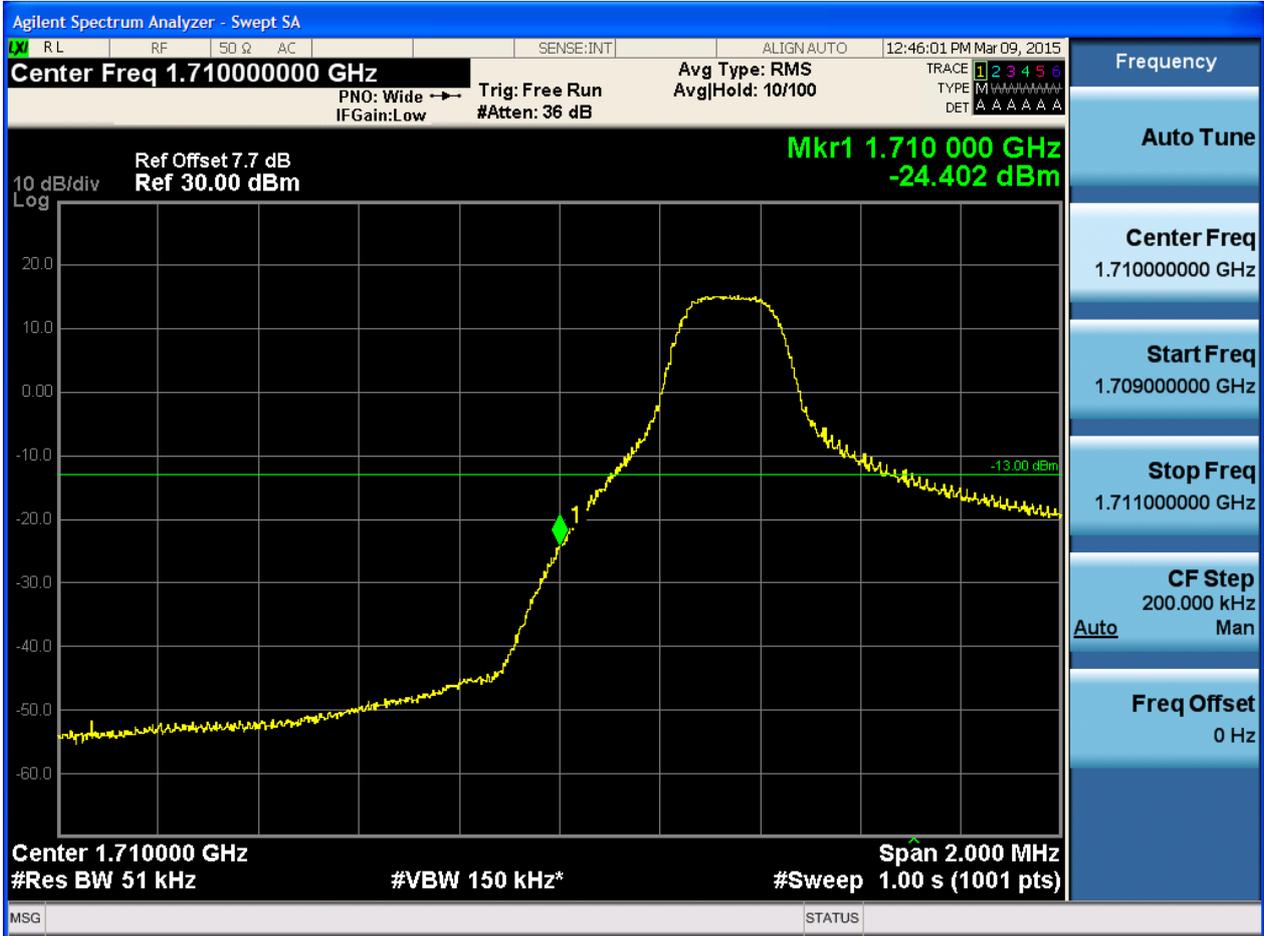




5.1.1.1.3 Test Bandwidth = 5

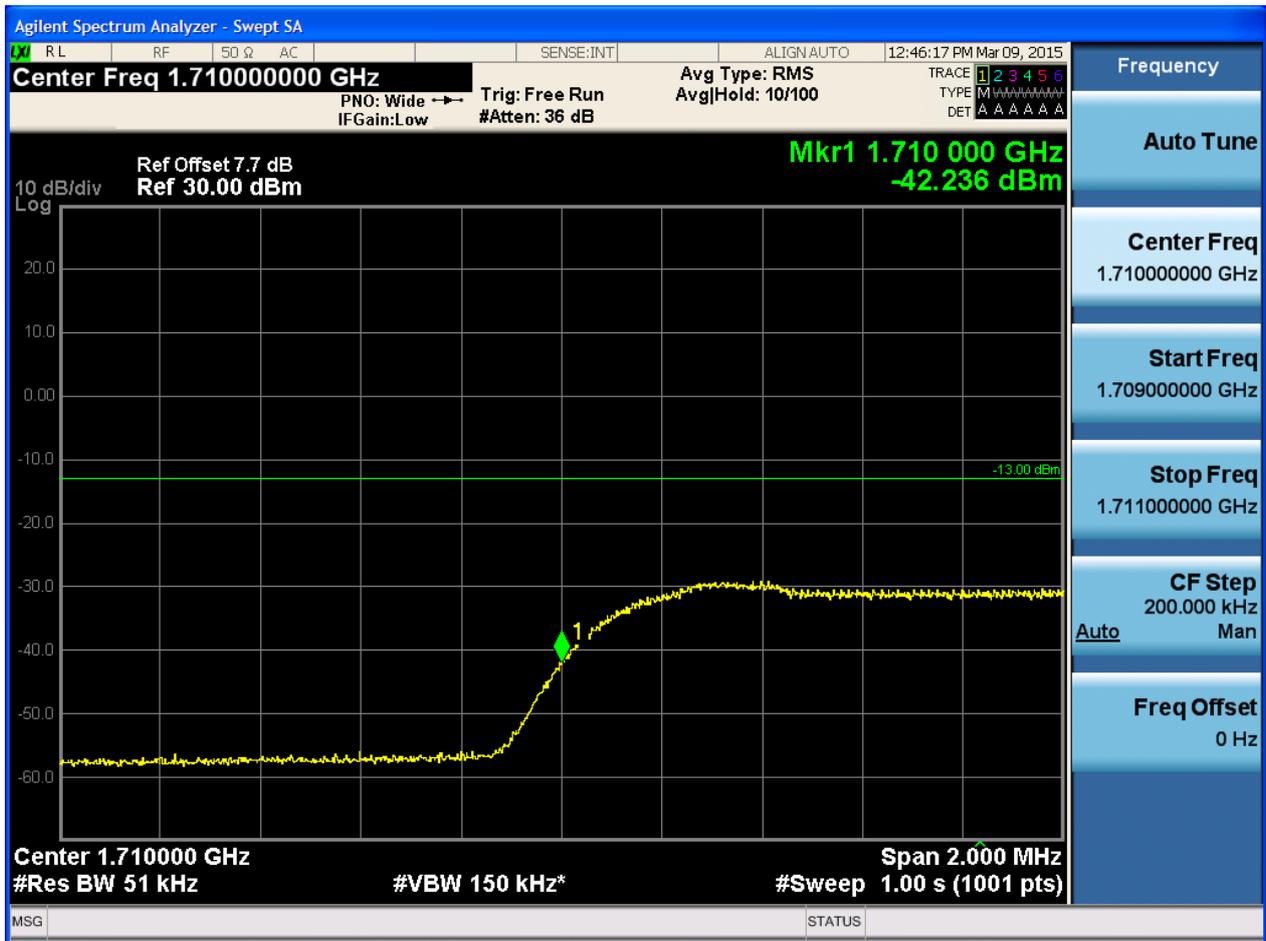
5.1.1.1.3.1 Test Channel = LCH

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







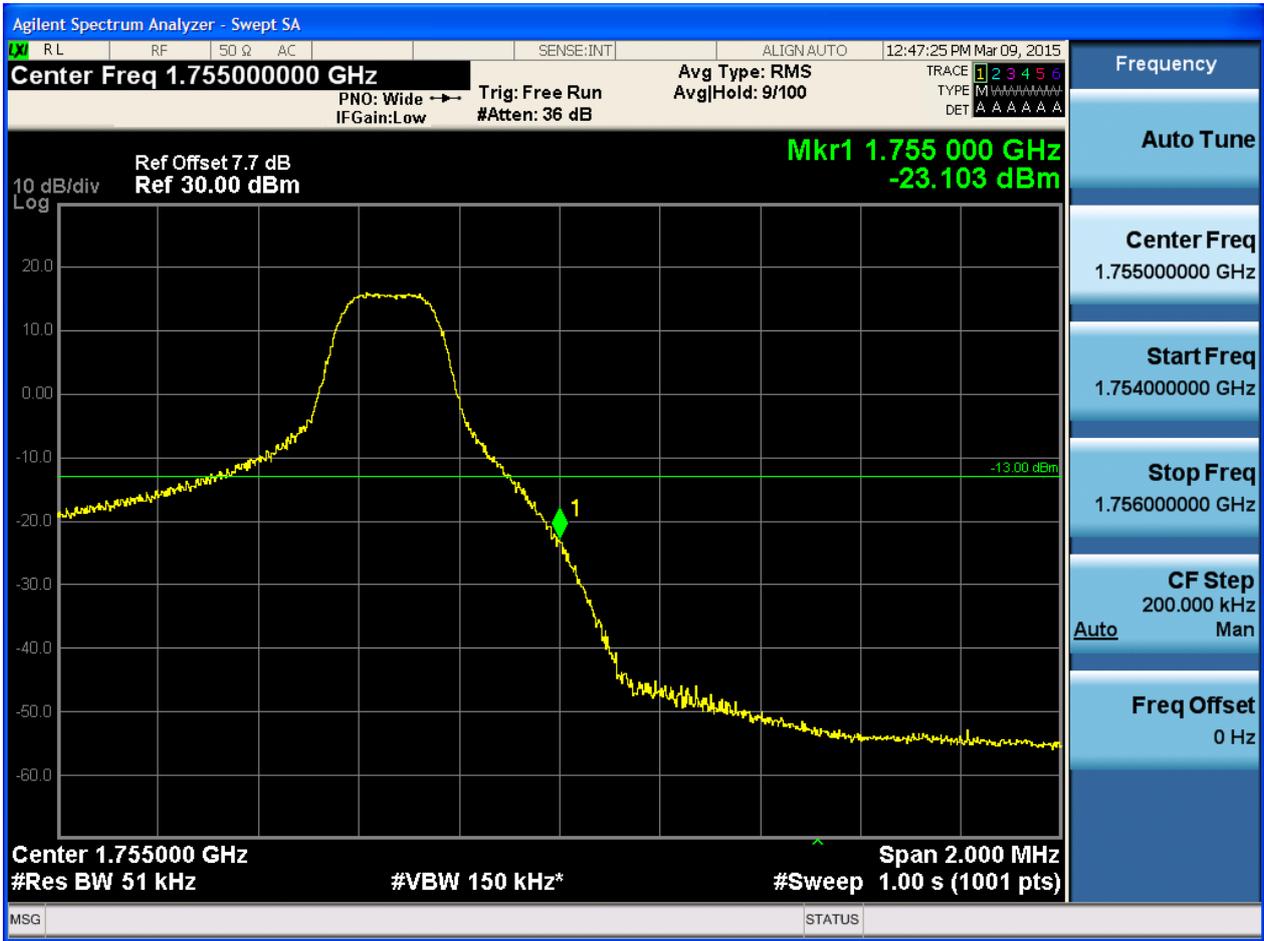
5.1.1.1.3.2 Test Channel = HCH

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

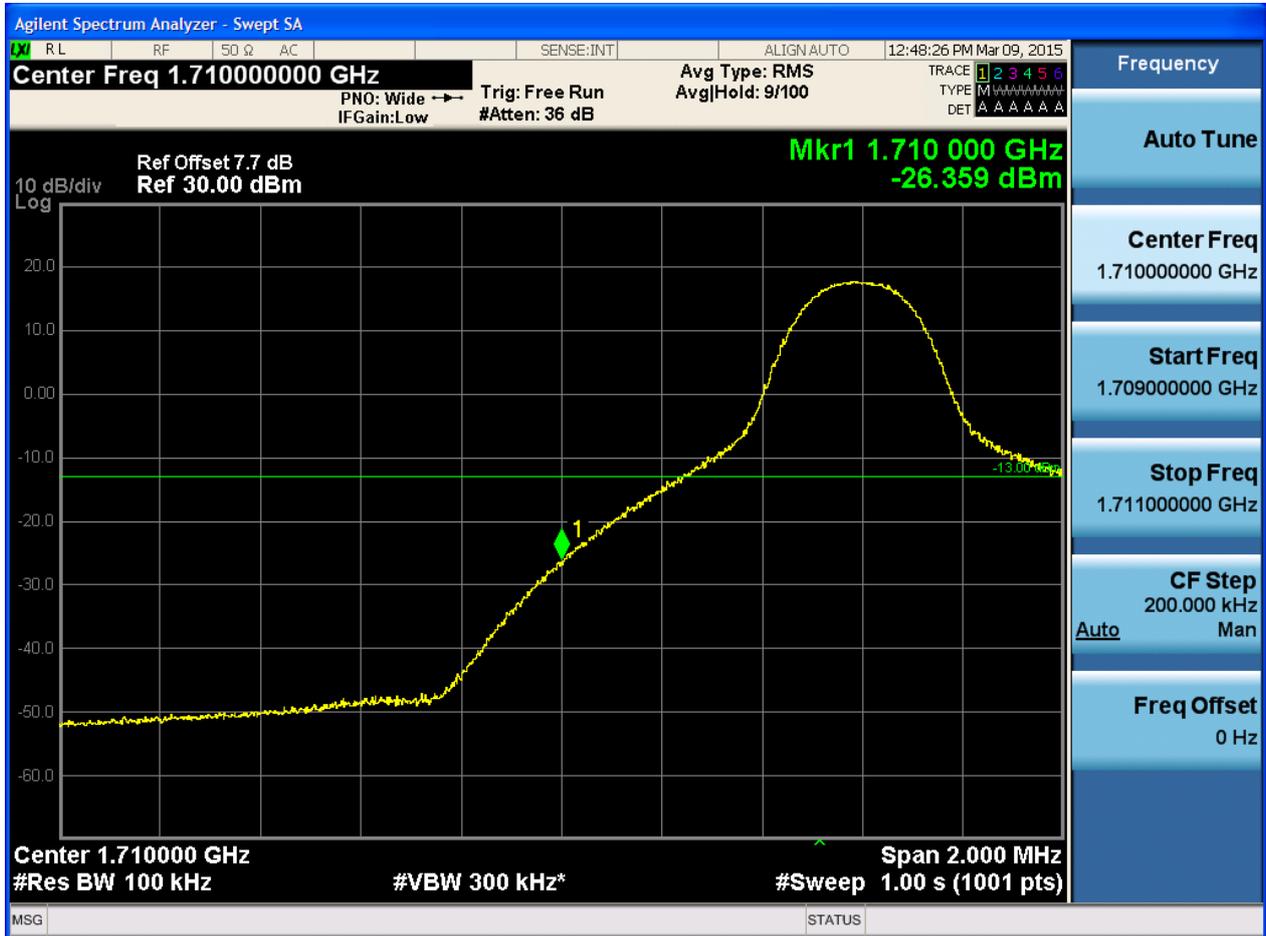




5.1.1.1.4 Test Bandwidth = 10

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

