



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/TM 1	1.4	LCH	RB1#0	22.3	22.33	30	PASS		
				RB1#3	22.4	22.59	30	PASS		
				RB1#5	22.27	22.46	30	PASS		
				RB3#0	22.35	22.54	30	PASS		
				RB3#2	22.32	22.50	30	PASS		
				RB3#3	22.3	22.50	30	PASS		
			MCH	RB6#0	21.3	21.49	30	PASS		
				RB1#0	22.36	22.47	30	PASS		
				RB1#3	22.39	22.61	30	PASS		
				RB1#5	22.26	22.45	30	PASS		
				RB3#0	22.35	22.50	30	PASS		
				RB3#2	22.39	22.31	30	PASS		
				RB3#3	22.37	22.29	30	PASS		
			HCH	RB6#0	21.3	21.22	30	PASS		
				RB1#0	22.29	22.23	30	PASS		
				RB1#3	22.42	22.50	30	PASS		
						RB1#5	22.3	22.56	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB3#0	22.26	22.21	30	PASS	
				RB3#2	22.32	22.41	30	PASS	
				RB3#3	22.29	22.38	30	PASS	
				RB6#0	21.19	21.28	30	PASS	
		3	LCH	RB1#0	22.37	22.45	30	PASS	
				RB1#7	22.27	22.44	30	PASS	
				RB1#14	22.24	22.23	30	PASS	
				RB8#0	21.31	21.42	30	PASS	
				RB8#4	21.11	21.01	30	PASS	
				RB8#7	21.21	21.19	30	PASS	
				RB15#0	21.2	21.24	30	PASS	
				MCH	RB1#0	22.5	22.76	30	PASS
					RB1#7	22.48	22.62	30	PASS
					RB1#14	22.5	22.49	30	PASS
					RB8#0	21.23	21.41	30	PASS
					RB8#4	21.15	21.31	30	PASS
RB8#7	21.18	21.28	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB15#0	21.27	21.54	30	PASS
				RB1#0	22.38	22.56	30	PASS
				RB1#7	22.28	22.46	30	PASS
				RB1#14	22.36	22.38	30	PASS
				RB8#0	21.31	21.23	30	PASS
				RB8#4	21.14	21.19	30	PASS
				RB8#7	21.17	21.38	30	PASS
				RB15#0	21.07	21.16	30	PASS
		5	LCH	RB1#0	22.48	22.38	30	PASS
				RB1#13	22.13	22.41	30	PASS
				RB1#24	22.42	22.68	30	PASS
				RB12#0	21.23	21.35	30	PASS
				RB12#6	21.13	21.33	30	PASS
				RB12#13	21.21	21.33	30	PASS
				RB25#0	21.27	21.38	30	PASS
MCH	RB1#0	22.48	22.52	30	PASS			
	RB1#13	22.13	22.40	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict	
				RB1#24	22.48	22.58	30	PASS	
				RB12#0	21.17	21.19	30	PASS	
				RB12#6	21.14	21.08	30	PASS	
				RB12#13	21.22	21.24	30	PASS	
				RB25#0	21.25	21.29	30	PASS	
			HCH	RB1#0	22.44	22.60	30	PASS	
				RB1#13	22.2	22.19	30	PASS	
				RB1#24	22.33	22.25	30	PASS	
				RB12#0	21.28	21.21	30	PASS	
				RB12#6	21.26	21.28	30	PASS	
				RB12#13	21.14	21.11	30	PASS	
				RB25#0	21.27	21.38	30	PASS	
			10	LCH	RB1#0	22.54	22.64	30	PASS
					RB1#25	22.29	22.45	30	PASS
		RB1#49			22.29	22.29	30	PASS	
		RB25#0			21.34	21.54	30	PASS	
		RB25#13			21.21	21.32	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB25#25	21.12	21.02	30	PASS
				RB50#0	21.27	21.42	30	PASS
			MCH	RB1#0	22.49	22.75	30	PASS
				RB1#25	22.46	22.51	30	PASS
				RB1#49	22.4	22.39	30	PASS
				RB25#0	21.22	21.32	30	PASS
				RB25#13	21.22	21.21	30	PASS
				RB25#25	21.24	21.26	30	PASS
				RB50#0	21.23	21.50	30	PASS
				HCH	RB1#0	22.55	22.47	30
			RB1#25		22.45	22.48	30	PASS
			RB1#49		22.39	22.40	30	PASS
			RB25#0		21.4	21.56	30	PASS
			RB25#13		21.23	21.48	30	PASS
			RB25#25		21.23	21.28	30	PASS
			RB50#0		21.28	21.41	30	PASS
			15	LCH	RB1#0	22.85	22.96	30



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#38	22.29	22.32	30	PASS
				RB1#74	22.46	22.67	30	PASS
				RB38#0	21.34	21.38	30	PASS
				RB38#19	21.09	21.29	30	PASS
				RB38#39	21.09	21.35	30	PASS
				RB75#0	21.16	21.25	30	PASS
			MCH	RB1#0	22.56	22.59	30	PASS
				RB1#38	22.23	22.16	30	PASS
				RB1#74	22.49	22.58	30	PASS
				RB38#0	21.14	21.36	30	PASS
				RB38#19	21.16	21.28	30	PASS
				RB38#39	21.23	21.23	30	PASS
				RB75#0	21.23	21.42	30	PASS
			HCH	RB1#0	22.85	22.93	30	PASS
				RB1#38	22.3	22.53	30	PASS
				RB1#74	22.48	22.69	30	PASS
				RB38#0	21.39	21.60	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB38#19	21.24	21.31	30	PASS
				RB38#39	21.14	21.32	30	PASS
				RB75#0	21.21	21.17	30	PASS
			LCH	RB1#0	22.68	22.71	30	PASS
				RB1#50	22.34	22.32	30	PASS
				RB1#99	22.25	22.32	30	PASS
				RB50#0	21.23	21.43	30	PASS
				RB50#25	21.17	21.42	30	PASS
				RB50#50	21.22	21.51	30	PASS
		MCH	RB100#0	21.3	21.46	30	PASS	
			RB1#0	22.4	22.59	30	PASS	
			RB1#50	22.24	22.32	30	PASS	
			RB1#99	22.29	22.48	30	PASS	
			RB50#0	21.26	21.48	30	PASS	
			RB50#25	21.25	21.52	30	PASS	
RB50#50	21.3	21.43	30	PASS				
RB100#0	21.25	21.47	30	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.5	22.72	30	PASS
				RB1#50	22.32	22.43	30	PASS
				RB1#99	22.09	22.21	30	PASS
				RB50#0	21.32	21.40	30	PASS
				RB50#25	21.33	21.33	30	PASS
				RB50#50	21.15	21.33	30	PASS
				RB100#0	21.27	21.31	30	PASS
	LTE/TM 2	1.4	LCH	RB1#0	21.91	21.90	30	PASS
				RB1#3	21.89	21.80	30	PASS
				RB1#5	21.62	21.81	30	PASS
				RB3#0	21.32	21.53	30	PASS
				RB3#2	21.28	21.33	30	PASS
				RB3#3	21.05	21.15	30	PASS
				RB6#0	20.07	20.25	30	PASS
			MCH	RB1#0	21.57	21.48	30	PASS
RB1#3	21.66	21.82		30	PASS			
RB1#5	21.18	21.12		30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict		
				RB3#0	21.02	21.06	30	PASS		
				RB3#2	21.13	21.27	30	PASS		
				RB3#3	21.01	20.92	30	PASS		
				RB6#0	20.17	20.15	30	PASS		
			HCH	RB1#0	21.47	21.69	30	PASS		
				RB1#3	21.62	21.82	30	PASS		
				RB1#5	21.63	21.64	30	PASS		
				RB3#0	21.11	21.07	30	PASS		
			LCH	RB3#2	20.86	20.89	30	PASS		
				RB3#3	21.02	20.96	30	PASS		
				RB6#0	20.1	20.12	30	PASS		
				RB1#0	21.5	21.47	30	PASS		
		3				RB1#7	21.24	21.41	30	PASS
						RB1#14	21.39	21.64	30	PASS
						RB8#0	20.25	20.40	30	PASS
						RB8#4	20.25	20.28	30	PASS
						RB8#7	20.25	20.19	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB15#0	20.29	20.57	30	PASS
			MCH	RB1#0	21.48	21.40	30	PASS
				RB1#7	21.64	21.57	30	PASS
				RB1#14	21.43	21.39	30	PASS
				RB8#0	20.17	20.43	30	PASS
				RB8#4	20.2	20.23	30	PASS
				RB8#7	20.23	20.17	30	PASS
				RB15#0	20.24	20.17	30	PASS
				HCH	RB1#0	21.37	21.65	30
			RB1#7		21.55	21.46	30	PASS
			RB1#14		21.33	21.35	30	PASS
			RB8#0		20.2	20.12	30	PASS
			RB8#4		20.02	20.28	30	PASS
			RB8#7		20.04	19.97	30	PASS
			RB15#0		20.17	20.19	30	PASS
		5	LCH	RB1#0	21.18	21.35	30	PASS
				RB1#13	20.93	20.84	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#24	21.18	21.35	30	PASS
				RB12#0	20.19	20.18	30	PASS
				RB12#6	20.09	20.37	30	PASS
				RB12#13	20.06	20.33	30	PASS
				RB25#0	20.21	20.21	30	PASS
			MCH	RB1#0	21.19	21.18	30	PASS
				RB1#13	21.15	21.44	30	PASS
				RB1#24	21.2	21.42	30	PASS
				RB12#0	20.14	20.14	30	PASS
				RB12#6	20.1	20.08	30	PASS
				RB12#13	20.17	20.09	30	PASS
				RB25#0	20.35	20.43	30	PASS
			HCH	RB1#0	21.08	21.06	30	PASS
				RB1#13	20.94	21.05	30	PASS
				RB1#24	21.03	20.98	30	PASS
				RB12#0	20.35	20.30	30	PASS
				RB12#6	20.14	20.07	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB12#13	20.02	20.31	30	PASS
				RB25#0	20.3	20.25	30	PASS
		10	LCH	RB1#0	21.64	21.80	30	PASS
				RB1#25	21.62	21.81	30	PASS
				RB1#49	21.07	21.00	30	PASS
				RB25#0	20.44	20.45	30	PASS
				RB25#13	20.43	20.65	30	PASS
				RB25#25	20.35	20.30	30	PASS
				RB50#0	20.54	20.57	30	PASS
		MCH	RB1#0	21.69	21.69	30	PASS	
			RB1#25	21.53	21.74	30	PASS	
			RB1#49	21.63	21.61	30	PASS	
			RB25#0	20.23	20.32	30	PASS	
			RB25#13	20.25	20.18	30	PASS	
			RB25#25	20.17	20.08	30	PASS	
HCH	RB50#0	20.27	20.48	30	PASS			
	RB1#0	21.73	21.87	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB1#25	21.36	21.46	30	PASS
				RB1#49	21.21	21.14	30	PASS
				RB25#0	20.33	20.48	30	PASS
				RB25#13	20.15	20.32	30	PASS
				RB25#25	20.14	20.37	30	PASS
				RB50#0	20.31	20.38	30	PASS
		15	LCH	RB1#0	21.77	21.87	30	PASS
				RB1#38	21.16	21.44	30	PASS
				RB1#74	21.32	21.35	30	PASS
				RB38#0	20.51	20.54	30	PASS
				RB38#19	20.28	20.28	30	PASS
				RB38#39	20.28	20.28	30	PASS
			MCH	RB75#0	20.44	20.54	30	PASS
				RB1#0	21.67	21.64	30	PASS
				RB1#38	21.35	21.38	30	PASS
				RB1#74	21.32	21.32	30	PASS
			RB38#0	20.5	20.48	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
				RB38#19	20.5	20.53	30	PASS
				RB38#39	20.47	20.45	30	PASS
				RB75#0	20.37	20.52	30	PASS
			HCH	RB1#0	21.61	21.55	30	PASS
				RB1#38	21.27	21.32	30	PASS
				RB1#74	21.23	21.30	30	PASS
				RB38#0	20.52	20.45	30	PASS
				RB38#19	20.44	20.38	30	PASS
				RB38#39	20.4	20.41	30	PASS
				RB75#0	20.36	20.60	30	PASS
			LCH	RB1#0	22.22	22.21	30	PASS
				RB1#50	21.27	21.20	30	PASS
				RB1#99	22.12	22.35	30	PASS
				RB50#0	20.31	20.57	30	PASS
				RB50#25	20.16	20.25	30	PASS
RB50#50	20.12	20.31		30	PASS			
RB100#0	20.35	20.31		30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.34	22.60	30	PASS
				RB1#50	22.11	22.11	30	PASS
				RB1#99	22.19	22.46	30	PASS
				RB50#0	20.31	20.46	30	PASS
				RB50#25	20.31	20.23	30	PASS
				RB50#50	20.25	20.26	30	PASS
				RB100#0	20.36	20.44	30	PASS
			HCH	RB1#0	22.1	22.32	30	PASS
				RB1#50	21.59	21.49	30	PASS
				RB1#99	21.32	21.55	30	PASS
				RB50#0	20.5	20.79	30	PASS
				RB50#25	20.31	20.50	30	PASS
				RB50#50	20.23	20.21	30	PASS
				RB100#0	20.39	20.56	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	3.53	13	PASS
				RB1#3	3.4	13	PASS
				RB1#5	3.57	13	PASS
				RB3#0	3.98	13	PASS
				RB3#2	3.82	13	PASS
				RB3#3	3.92	13	PASS
			RB6#0	4.99	13	PASS	
			MCH	RB1#0	4.17	13	PASS
				RB1#3	3.97	13	PASS
				RB1#5	4.14	13	PASS
				RB3#0	4.45	13	PASS
				RB3#2	4.36	13	PASS
				RB3#3	4.4	13	PASS
			HCH	RB6#0	5.49	13	PASS
				RB1#0	3.68	13	PASS
				RB1#3	3.5	13	PASS
				RB1#5	3.68	13	PASS
				RB3#0	4.11	13	PASS
		RB3#2		3.91	13	PASS	
		3	LCH	RB3#3	4.05	13	PASS
				RB6#0	5.33	13	PASS
				RB1#0	3.62	13	PASS
				RB1#7	3.46	13	PASS
				RB1#14	3.43	13	PASS
				RB8#0	4.52	13	PASS
			MCH	RB8#4	4.41	13	PASS
				RB8#7	4.53	13	PASS
				RB15#0	4.89	13	PASS
				RB1#0	4.16	13	PASS
				RB1#7	4.08	13	PASS
RB1#14	4.08			13	PASS		
HCH	RB8#0	5.01	13	PASS			
	RB8#4	4.88	13	PASS			
	RB8#7	5.05	13	PASS			
			RB15#0	5.51	13	PASS	
			RB1#0	3.62	13	PASS	
			RB1#7	3.5	13	PASS	
			RB1#14	3.61	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	4.62	13	PASS	
				RB8#4	4.58	13	PASS	
				RB8#7	4.67	13	PASS	
				RB15#0	4.91	13	PASS	
		5	LCH	RB1#0	3.39	13	PASS	
				RB1#13	3.58	13	PASS	
				RB1#24	3.56	13	PASS	
				RB12#0	4.37	13	PASS	
				RB12#6	4.28	13	PASS	
				RB12#13	4.41	13	PASS	
				RB25#0	4.91	13	PASS	
				MCH	RB1#0	4	13	PASS
					RB1#13	4.07	13	PASS
					RB1#24	3.92	13	PASS
					RB12#0	4.82	13	PASS
					RB12#6	4.71	13	PASS
			RB12#13		4.78	13	PASS	
			HCH	RB1#0	3.51	13	PASS	
				RB1#13	3.6	13	PASS	
				RB1#24	3.68	13	PASS	
				RB12#0	4.53	13	PASS	
				RB12#6	4.43	13	PASS	
				RB12#13	4.54	13	PASS	
			10	LCH	RB1#0	3.4	13	PASS
					RB1#25	3.55	13	PASS
					RB1#49	3.85	13	PASS
					RB25#0	4.39	13	PASS
					RB25#13	4.48	13	PASS
		RB25#25			4.61	13	PASS	
		MCH		RB50#0	4.99	13	PASS	
RB1#0	4.13			13	PASS			
RB1#25	4.03			13	PASS			
RB1#49	3.91			13	PASS			
RB25#0	4.89			13	PASS			
RB25#13	4.8			13	PASS			
RB25#25	4.78	13	PASS					
RB50#0	5.89	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	3.55	13	PASS
				RB1#25	3.49	13	PASS
				RB1#49	3.5	13	PASS
				RB25#0	4.43	13	PASS
				RB25#13	4.47	13	PASS
				RB25#25	4.46	13	PASS
				RB50#0	4.82	13	PASS
		15	LCH	RB1#0	3.42	13	PASS
				RB1#38	3.79	13	PASS
				RB1#74	4.05	13	PASS
				RB38#0	4.52	13	PASS
				RB38#19	4.69	13	PASS
				RB38#39	4.85	13	PASS
				RB75#0	5.58	13	PASS
			MCH	RB1#0	4.13	13	PASS
				RB1#38	4.12	13	PASS
				RB1#74	3.78	13	PASS
				RB38#0	4.94	13	PASS
				RB38#19	4.86	13	PASS
				RB38#39	4.86	13	PASS
			HCH	RB1#0	3.66	13	PASS
				RB1#38	3.7	13	PASS
				RB1#74	3.71	13	PASS
				RB38#0	4.53	13	PASS
				RB38#19	4.53	13	PASS
				RB38#39	4.58	13	PASS
				RB75#0	5.51	13	PASS
			20	LCH	RB1#0	3.52	13
		RB1#50			4.03	13	PASS
		RB1#99			4.22	13	PASS
RB50#0	4.65	13			PASS		
RB50#25	4.85	13			PASS		
RB50#50	4.95	13			PASS		
MCH	RB100#0	5.64		13	PASS		
	RB1#0	4.08		13	PASS		
	RB1#50	4.18		13	PASS		
	RB1#99	3.87		13	PASS		
	RB50#0	4.96		13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB50#25	4.86	13	PASS		
				RB50#50	4.89	13	PASS		
				RB100#0	5.58	13	PASS		
			HCH	RB1#0	4.02	13	PASS		
				RB1#50	3.7	13	PASS		
				RB1#99	3.72	13	PASS		
				RB50#0	4.71	13	PASS		
				RB50#25	4.58	13	PASS		
				RB50#50	4.59	13	PASS		
			RB100#0	5.42	13	PASS			
			LCH	RB1#0	4.16	13	PASS		
				RB1#3	4.09	13	PASS		
				RB1#5	4.25	13	PASS		
				RB3#0	4.54	13	PASS		
				RB3#2	4.45	13	PASS		
	RB3#3	4.61		13	PASS				
	RB6#0	5.41		13	PASS				
	MCH	RB1#0		4.97	13	PASS			
		RB1#3		4.79	13	PASS			
		RB1#5		4.94	13	PASS			
		RB3#0		5.26	13	PASS			
		RB3#2		5.13	13	PASS			
		RB3#3		5.26	13	PASS			
	RB6#0	6.02		13	PASS				
	HCH	RB1#0		4.44	13	PASS			
		RB1#3	4.21	13	PASS				
		RB1#5	4.4	13	PASS				
		RB3#0	4.78	13	PASS				
		RB3#2	4.6	13	PASS				
		RB3#3	4.79	13	PASS				
RB6#0	5.76	13	PASS						
3		LCH	RB1#0	4.28	13	PASS			
			RB1#7	4.33	13	PASS			
			RB1#14	4.44	13	PASS			
			RB8#0	5.41	13	PASS			
			RB8#4	5.31	13	PASS			
			RB8#7	5.27	13	PASS			
			RB15#0	5.99	13	PASS			
		MCH	RB1#0	4.96	13	PASS			
		LTE/TM2	1.4			RB1#0	4.16	13	PASS
						RB1#3	4.09	13	PASS
RB1#5	4.25					13	PASS		
RB3#0	4.54					13	PASS		
RB3#2	4.45					13	PASS		
RB3#3	4.61					13	PASS		
RB6#0	5.41					13	PASS		
RB1#0	4.97					13	PASS		
RB1#3	4.79					13	PASS		
RB1#5	4.94					13	PASS		
RB3#0	5.26					13	PASS		
RB3#2	5.13					13	PASS		
RB3#3	5.26					13	PASS		
RB6#0	6.02					13	PASS		
RB1#0	4.44					13	PASS		
RB1#3	4.21	13	PASS						
RB1#5	4.4	13	PASS						
RB3#0	4.78	13	PASS						
RB3#2	4.6	13	PASS						
RB3#3	4.79	13	PASS						
RB6#0	5.76	13	PASS						



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB1#7	4.69	13	PASS		
				RB1#14	4.87	13	PASS		
				RB8#0	5.81	13	PASS		
				RB8#4	5.67	13	PASS		
				RB8#7	5.87	13	PASS		
				RB15#0	6.36	13	PASS		
			HCH	RB1#0	4.51	13	PASS		
				RB1#7	4.33	13	PASS		
				RB1#14	4.52	13	PASS		
				RB8#0	5.51	13	PASS		
				RB8#4	5.49	13	PASS		
				RB8#7	5.62	13	PASS		
			5	LCH		RB1#0	4.49	13	PASS
						RB1#13	4.71	13	PASS
		RB1#24				4.66	13	PASS	
		RB12#0				5.33	13	PASS	
		RB12#6				5.26	13	PASS	
		RB12#13				5.37	13	PASS	
		MCH		RB25#0		5.79	13	PASS	
				RB1#0		5.1	13	PASS	
				RB1#13		5.14	13	PASS	
				RB1#24		5.03	13	PASS	
				RB12#0		5.73	13	PASS	
				RB12#6		5.62	13	PASS	
		HCH		RB12#13	5.7	13	PASS		
				RB25#0	6.17	13	PASS		
				RB1#0	4.64	13	PASS		
				RB1#13	4.8	13	PASS		
				RB1#24	4.68	13	PASS		
				RB12#0	5.45	13	PASS		
		10	LCH	RB12#6	5.37	13	PASS		
				RB12#13	5.43	13	PASS		
RB25#0	5.95			13	PASS				
RB1#0	4.49			13	PASS				
RB1#25	4.67			13	PASS				
RB1#49	4.84	13	PASS						
RB25#0	5.4	13	PASS						
RB25#13	5.4	13	PASS						



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#25	5.6	13	PASS	
				RB50#0	5.83	13	PASS	
			MCH	RB1#0	5.07	13	PASS	
				RB1#25	5.01	13	PASS	
				RB1#49	4.87	13	PASS	
				RB25#0	5.95	13	PASS	
				RB25#13	5.8	13	PASS	
				RB25#25	5.82	13	PASS	
			RB50#0	6.54	13	PASS		
			HCH	RB1#0	4.41	13	PASS	
				RB1#25	4.46	13	PASS	
				RB1#49	4.41	13	PASS	
				RB25#0	5.47	13	PASS	
				RB25#13	5.43	13	PASS	
		RB25#25		5.48	13	PASS		
		RB50#0	6.38	13	PASS			
		15	LCH		RB1#0	4.35	13	PASS
					RB1#38	4.79	13	PASS
					RB1#74	5.02	13	PASS
					RB38#0	5.48	13	PASS
					RB38#19	5.64	13	PASS
					RB38#39	5.84	13	PASS
			RB75#0	6.21	13	PASS		
			MCH	RB1#0	5.08	13	PASS	
				RB1#38	5.29	13	PASS	
				RB1#74	4.73	13	PASS	
				RB38#0	5.93	13	PASS	
				RB38#19	5.79	13	PASS	
				RB38#39	5.83	13	PASS	
			RB75#0	6.44	13	PASS		
		HCH	RB1#0	4.63	13	PASS		
			RB1#38	4.61	13	PASS		
RB1#74	4.45		13	PASS				
RB38#0	5.61		13	PASS				
RB38#19	5.54		13	PASS				
RB38#39	5.58		13	PASS				
RB75#0	6.2	13	PASS					
20	LCH	RB1#0	3.92	13	PASS			
		RB1#50	4.7	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	4.57	13	PASS
				RB50#0	5.52	13	PASS
				RB50#25	5.68	13	PASS
				RB50#50	5.89	13	PASS
				RB100#0	6.21	13	PASS
			MCH	RB1#0	4.55	13	PASS
				RB1#50	4.72	13	PASS
				RB1#99	4.22	13	PASS
				RB50#0	5.86	13	PASS
				RB50#25	5.76	13	PASS
				RB50#50	5.77	13	PASS
				RB100#0	6.46	13	PASS
			HCH	RB1#0	4.39	13	PASS
				RB1#50	4.44	13	PASS
				RB1#99	4.5	13	PASS
				RB50#0	5.62	13	PASS
				RB50#25	5.5	13	PASS
				RB50#50	5.5	13	PASS
				RB100#0	6.36	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

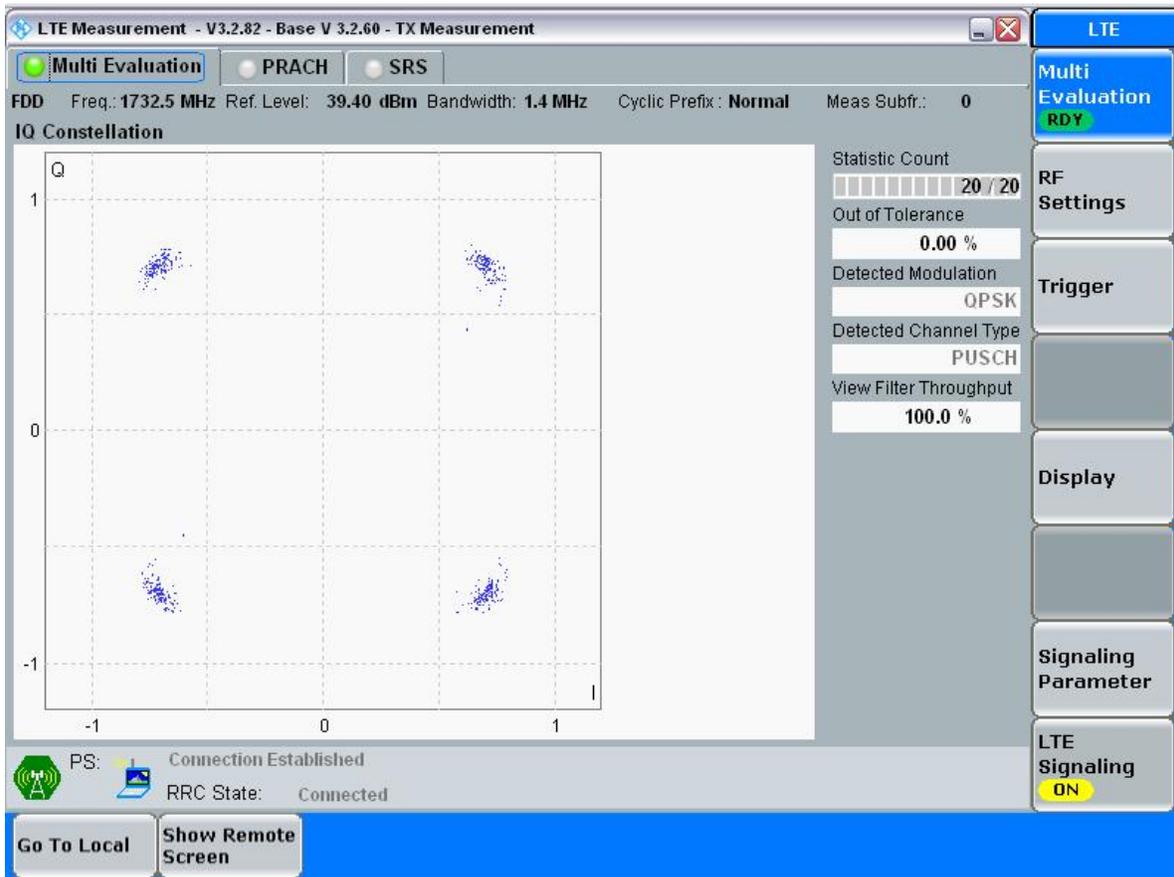
3.1.1 Test Band = BAND4

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

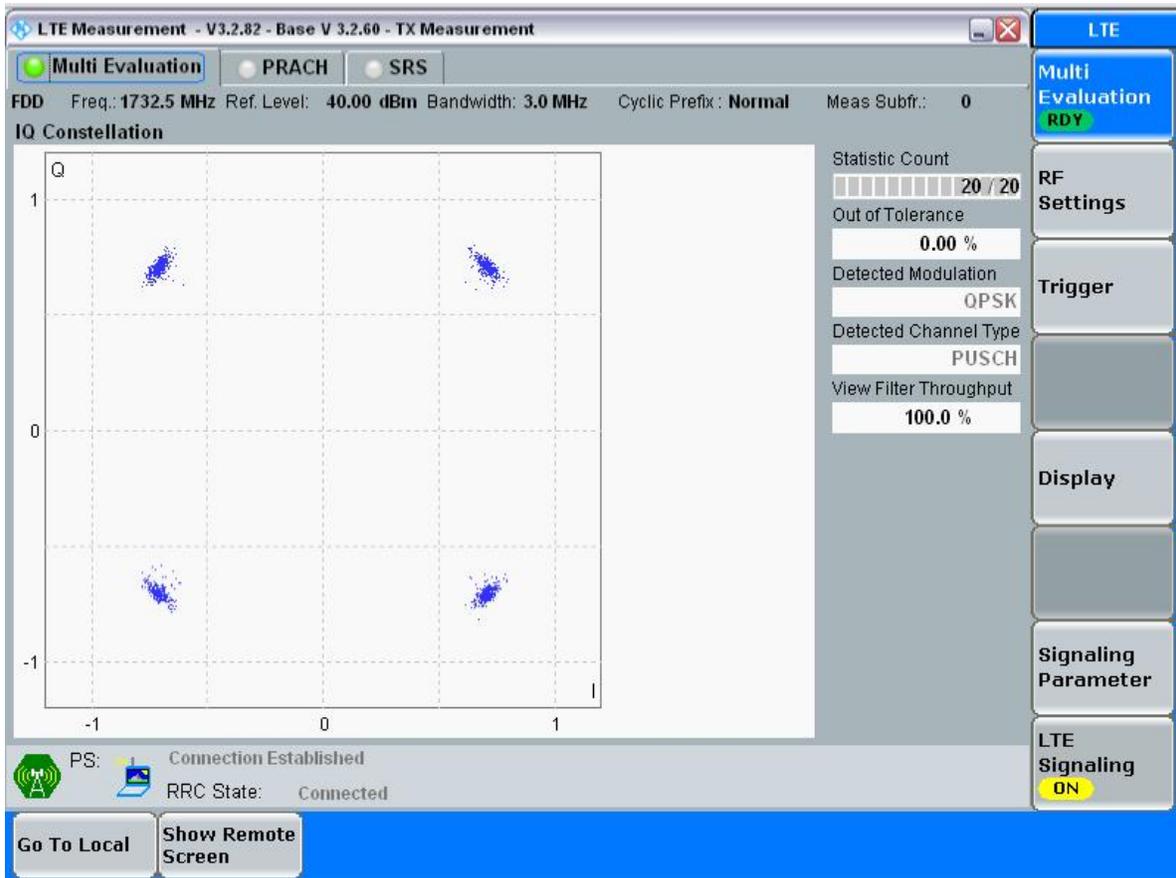
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

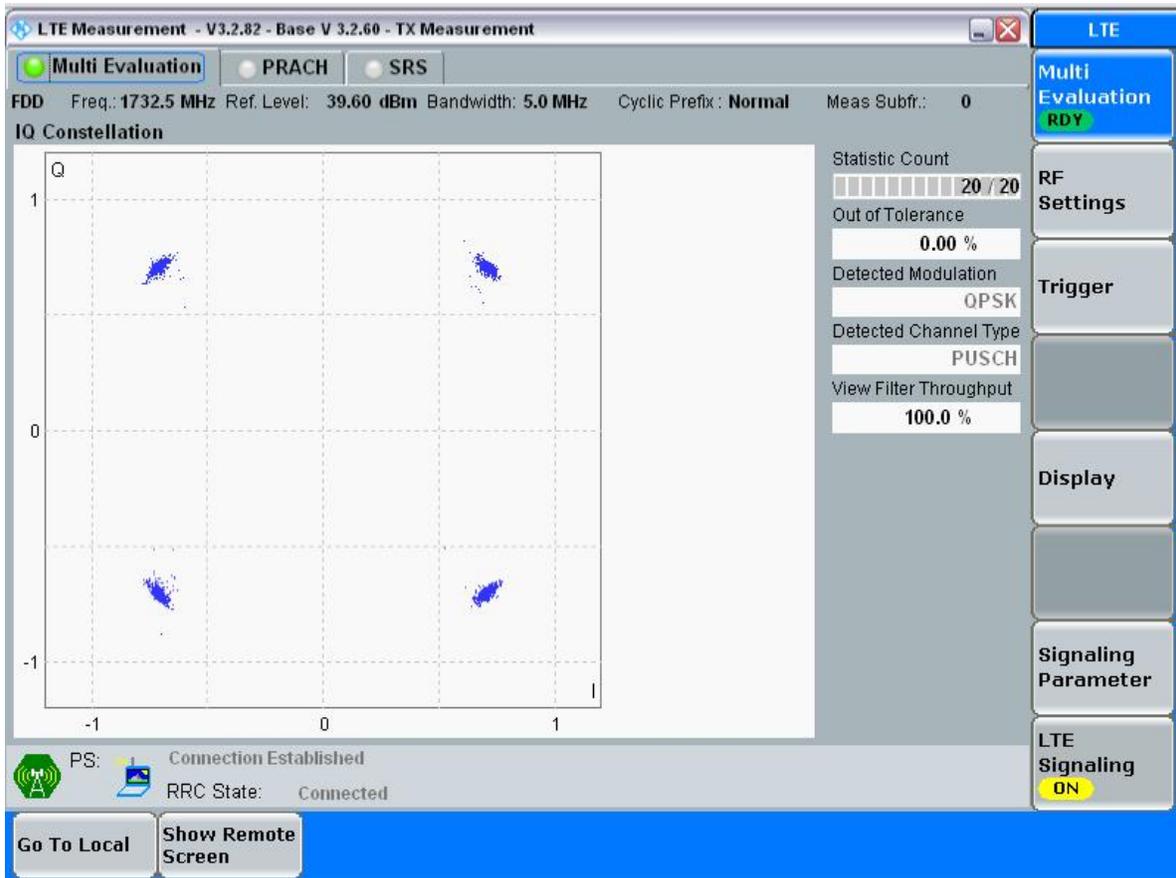
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

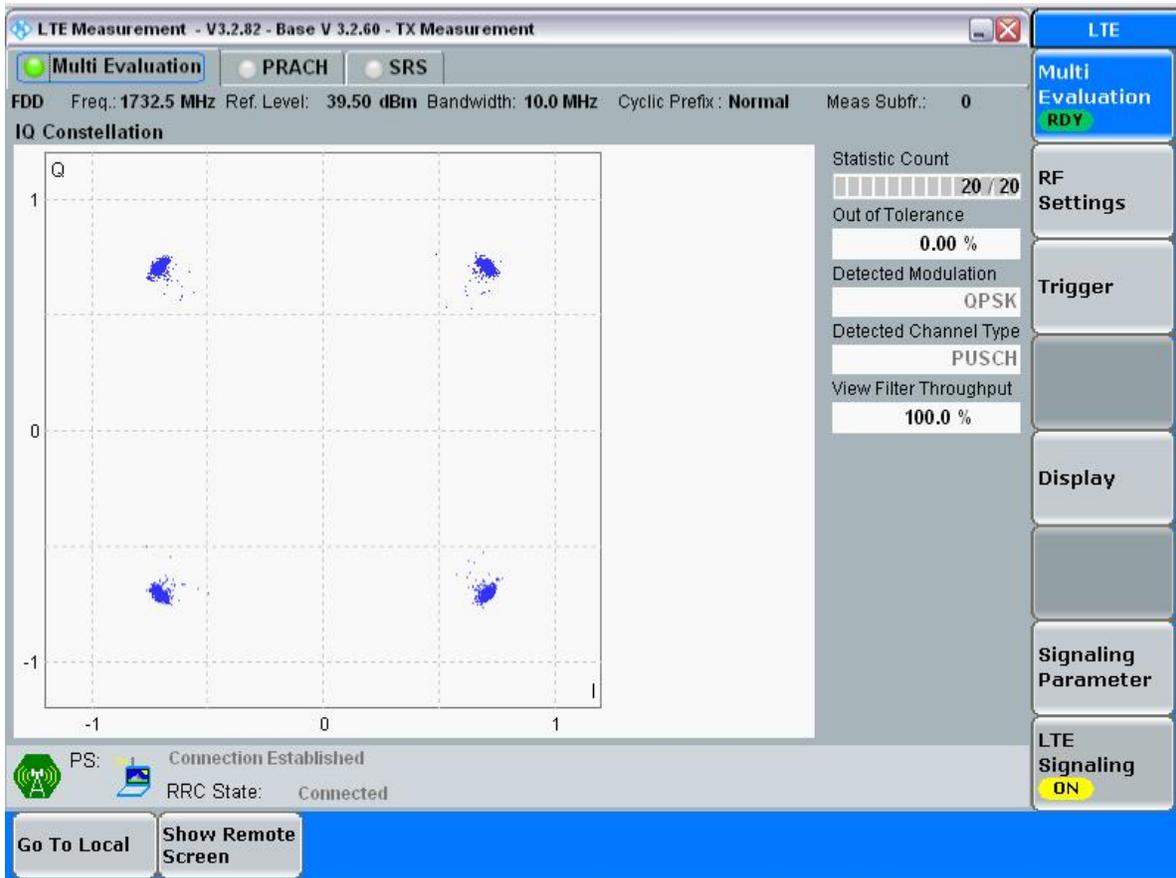
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

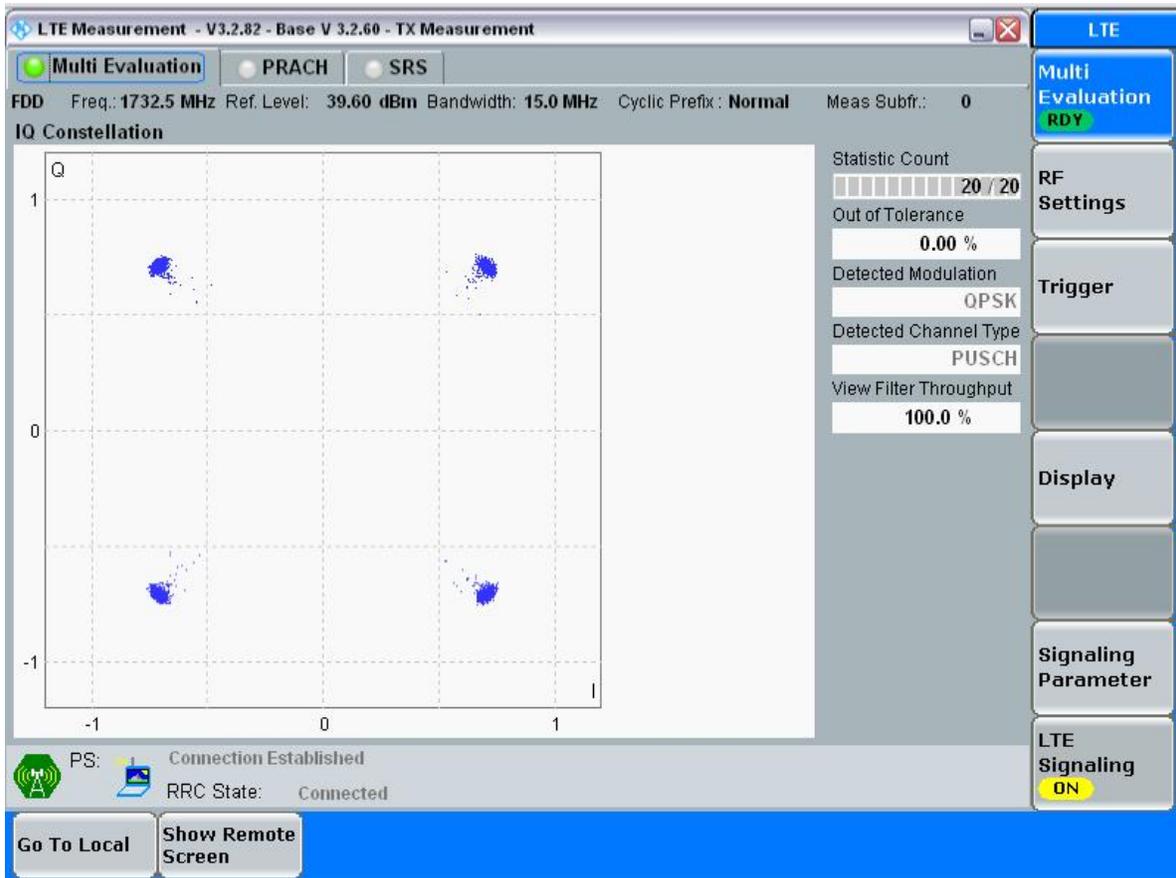
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

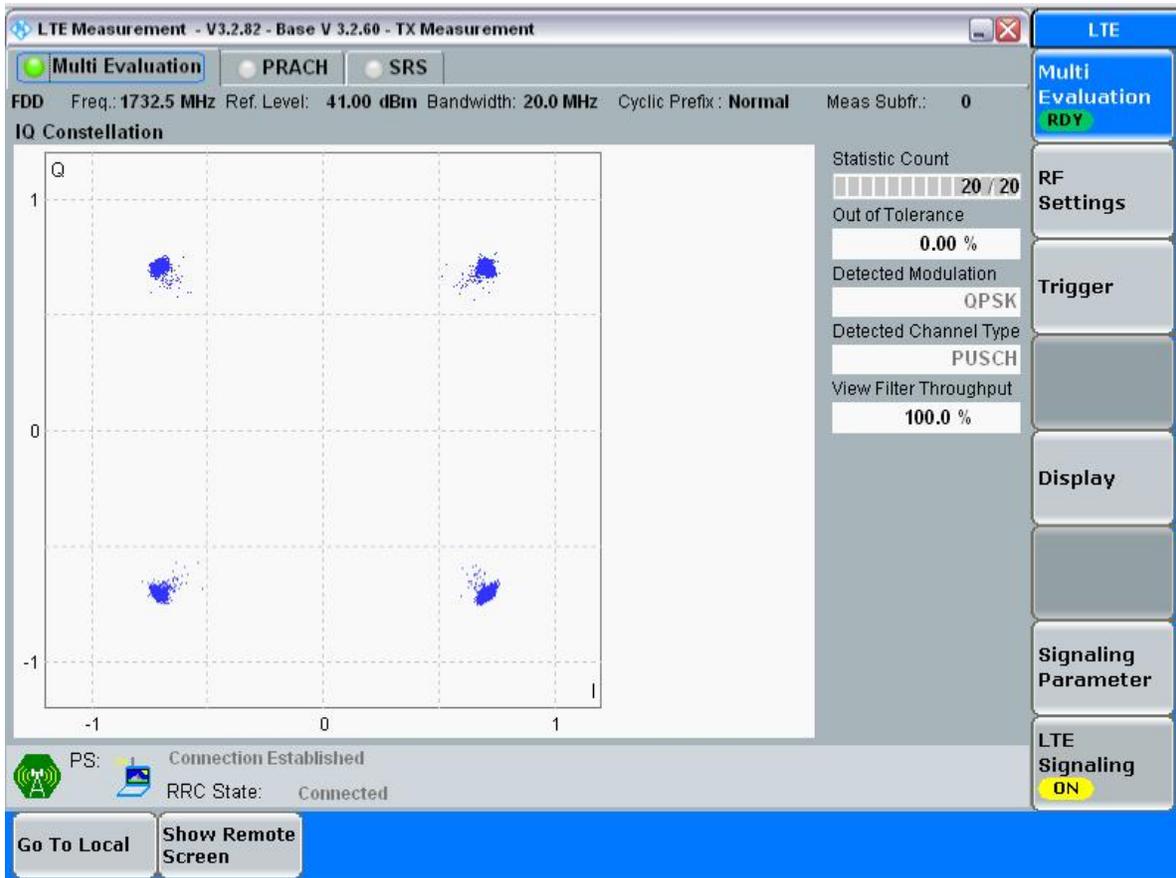
3.1.1.1.5.1.1 Test RB = RB75#0



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

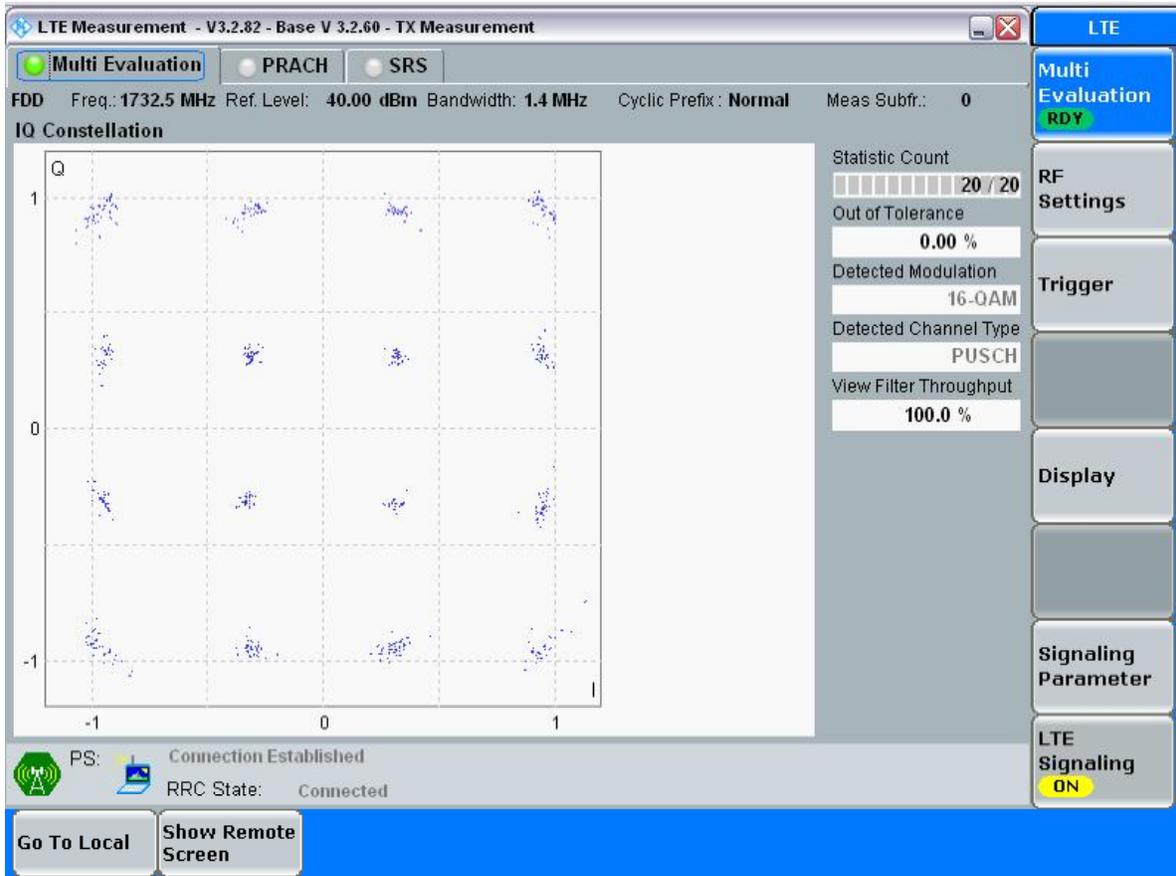


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

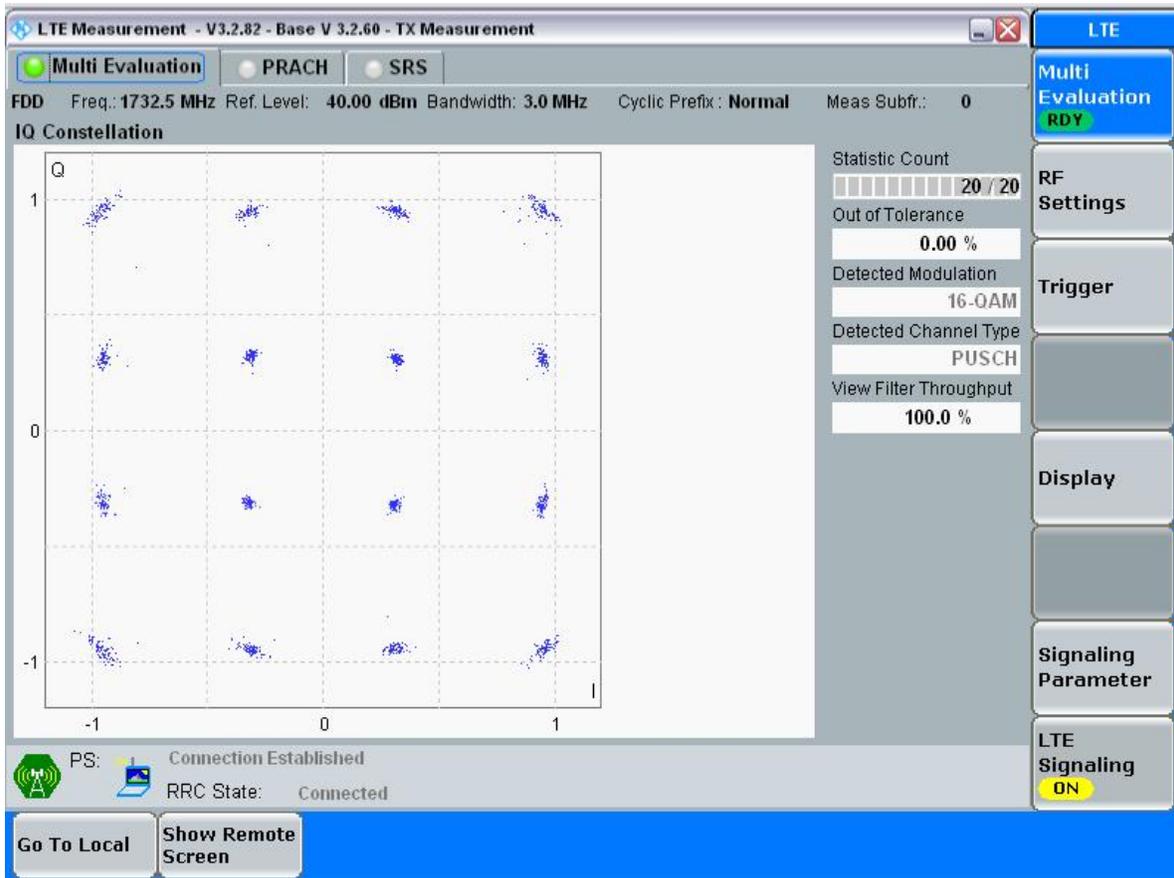
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

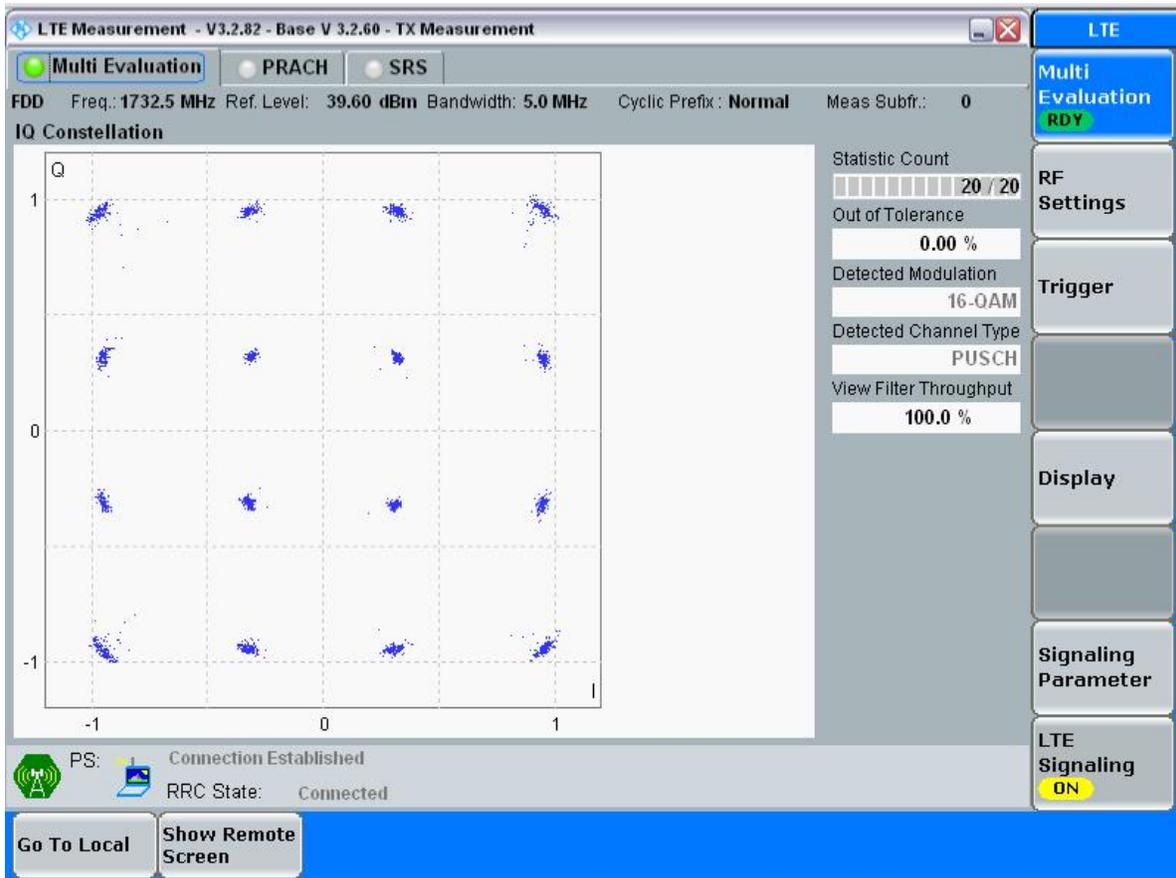
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

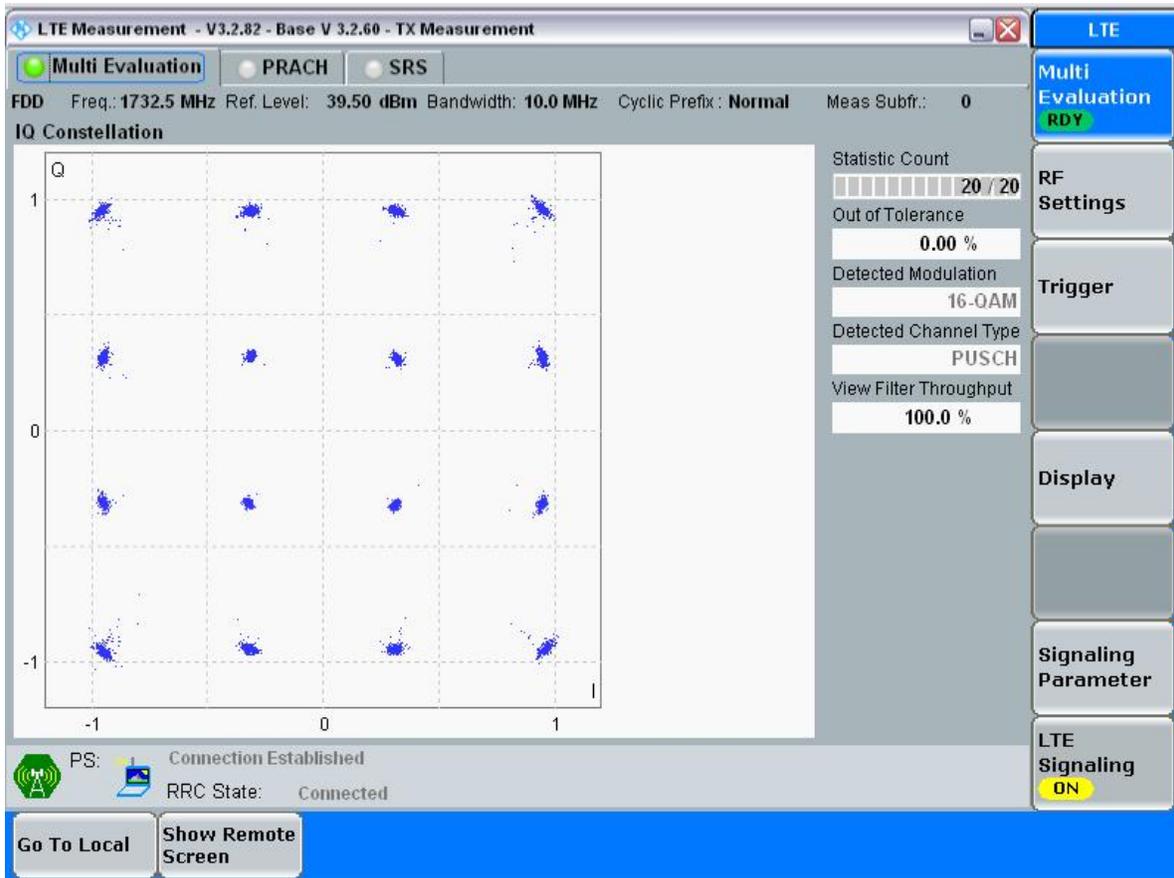
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

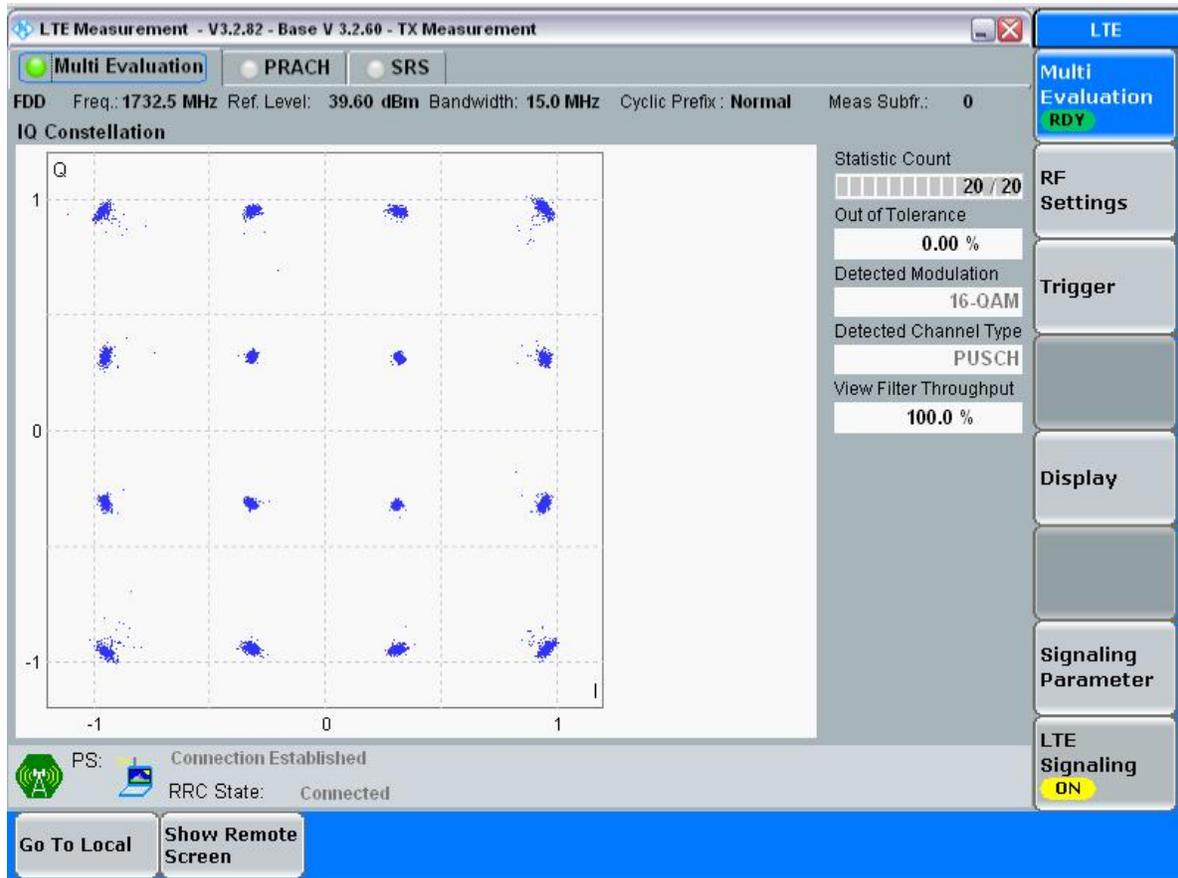
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

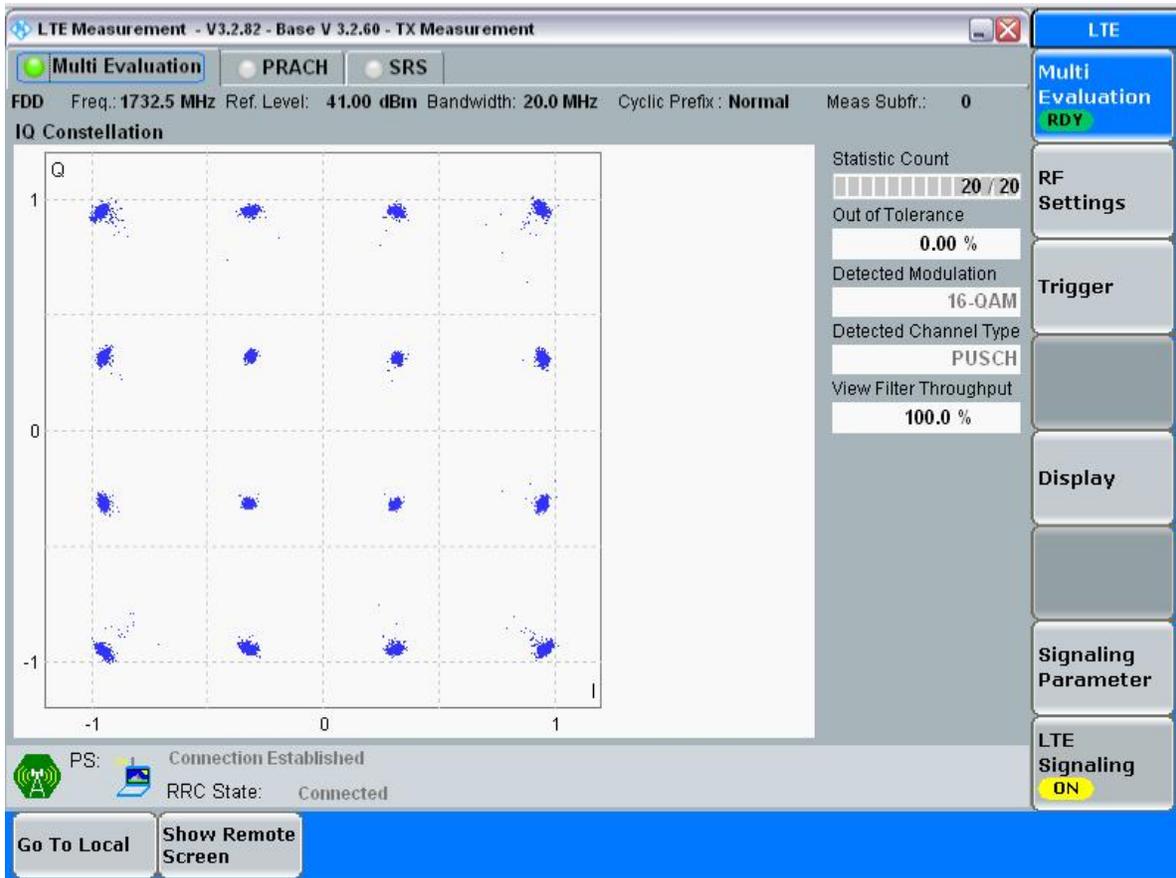
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.30	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.09	1.29	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.51	4.89	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.51	4.91	Pass
		10	LCH	RB50#0	8.98	9.61	Pass
			MCH	RB50#0	8.99	9.59	Pass
			HCH	RB50#0	8.98	9.61	Pass
		15	LCH	RB75#0	13.49	14.30	Pass
			MCH	RB75#0	13.49	14.38	Pass
			HCH	RB75#0	13.49	14.31	Pass
		20	LCH	RB100#0	17.94	19.00	Pass
			MCH	RB100#0	17.96	19.00	Pass
			HCH	RB100#0	17.93	18.99	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.26	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.51	4.86	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.51	4.89	Pass
		10	LCH	RB50#0	8.98	9.58	Pass
			MCH	RB50#0	8.98	9.60	Pass
			HCH	RB50#0	8.98	9.57	Pass
15		LCH	RB75#0	13.49	14.28	Pass	
		MCH	RB75#0	13.48	14.30	Pass	
		HCH	RB75#0	13.48	14.26	Pass	
20		LCH	RB100#0	17.96	18.99	Pass	
		MCH	RB100#0	17.97	18.99	Pass	
		HCH	RB100#0	17.94	18.98	Pass	



Part II - Test Plots

4.1 For LTE

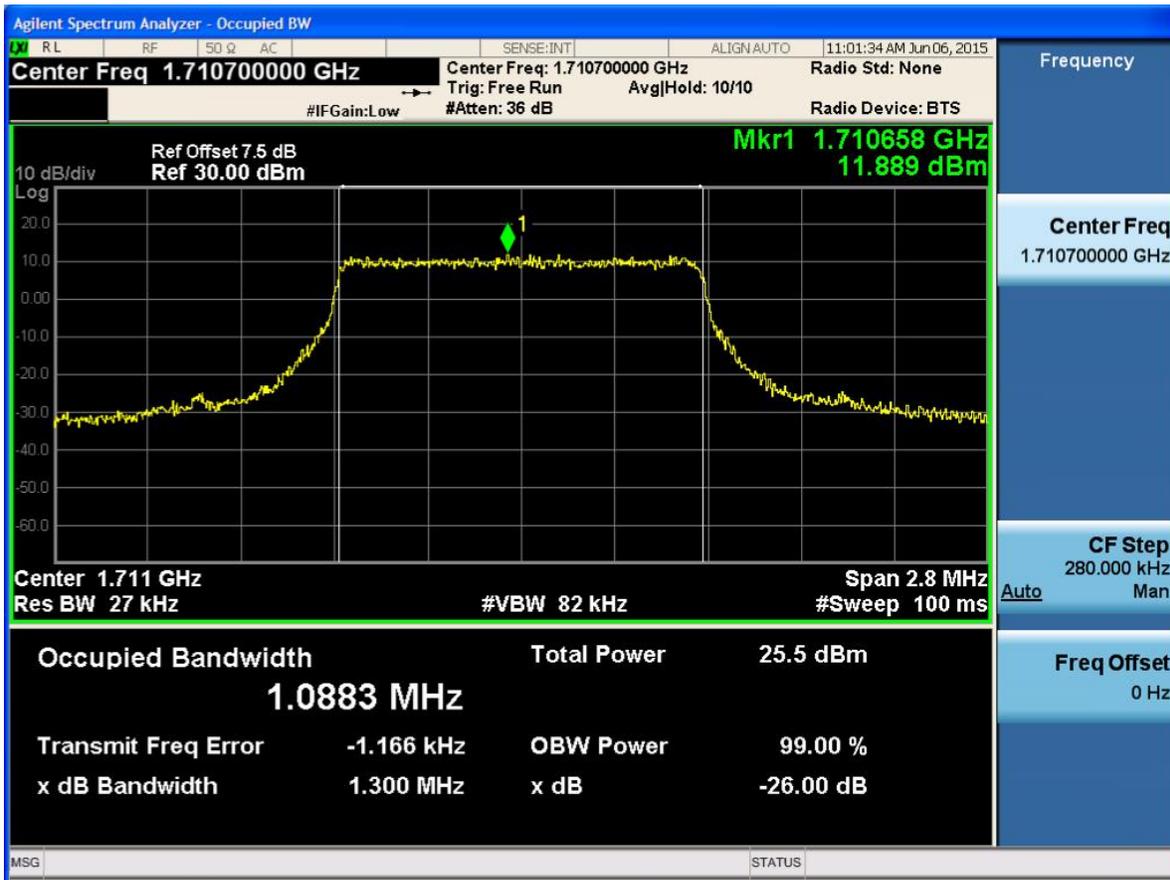
4.1.1 Test Band = BAND4

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

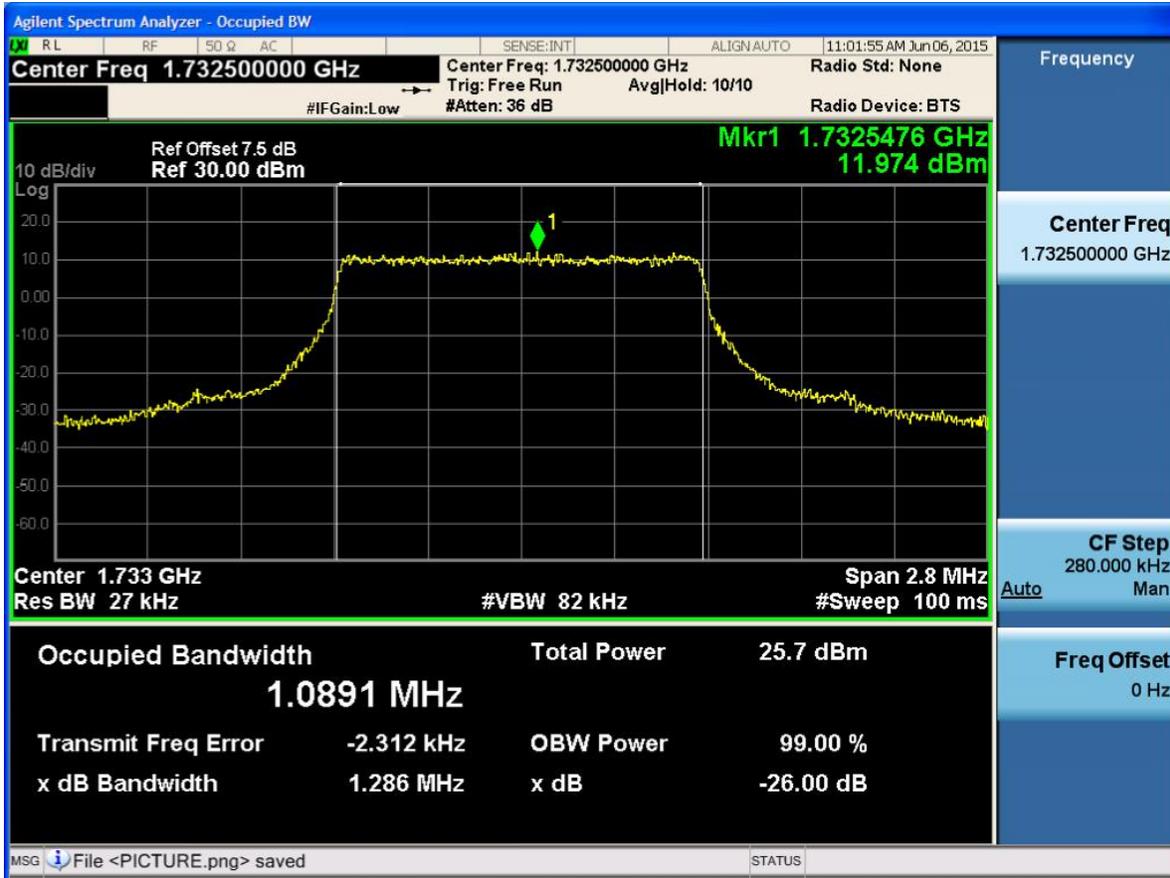
4.1.1.1.1.1.1 Test RB = RB6#0





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

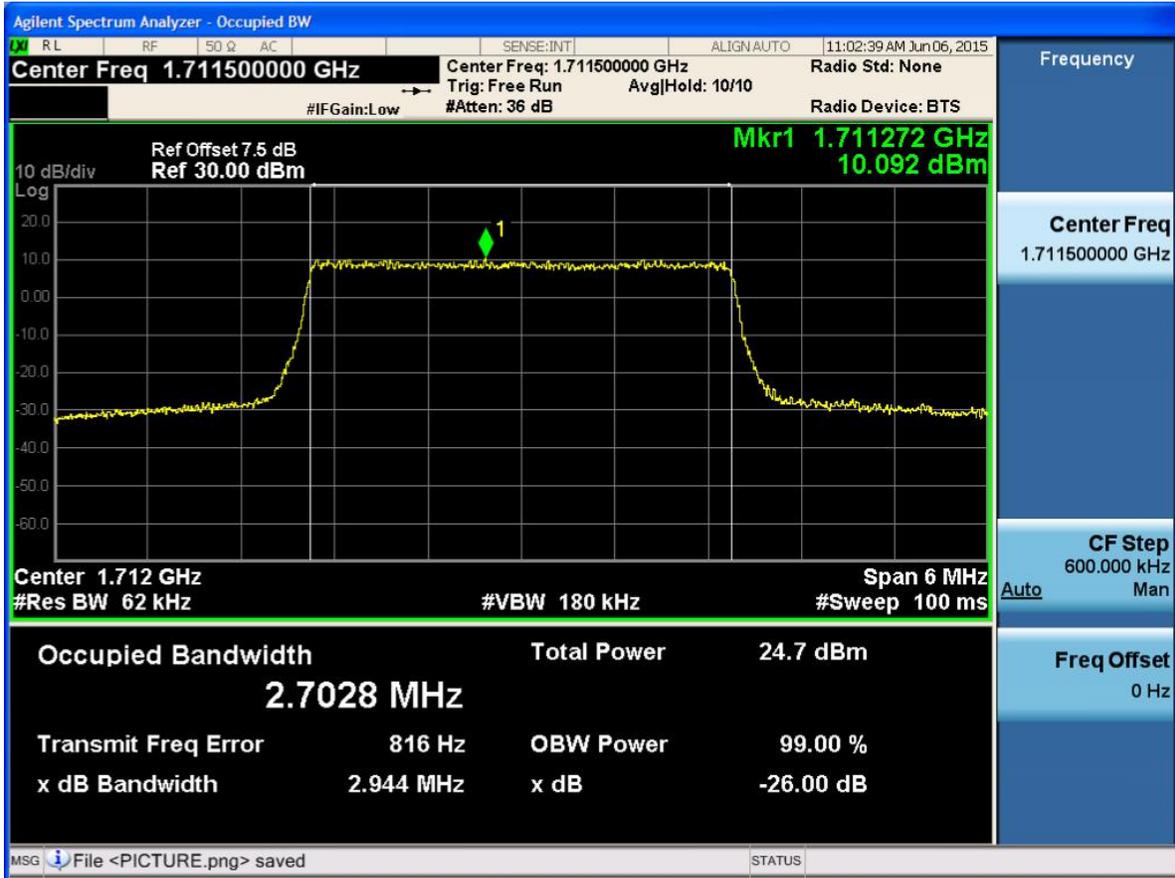
4.1.1.1.1.3.1 Test RB = RB6#0



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

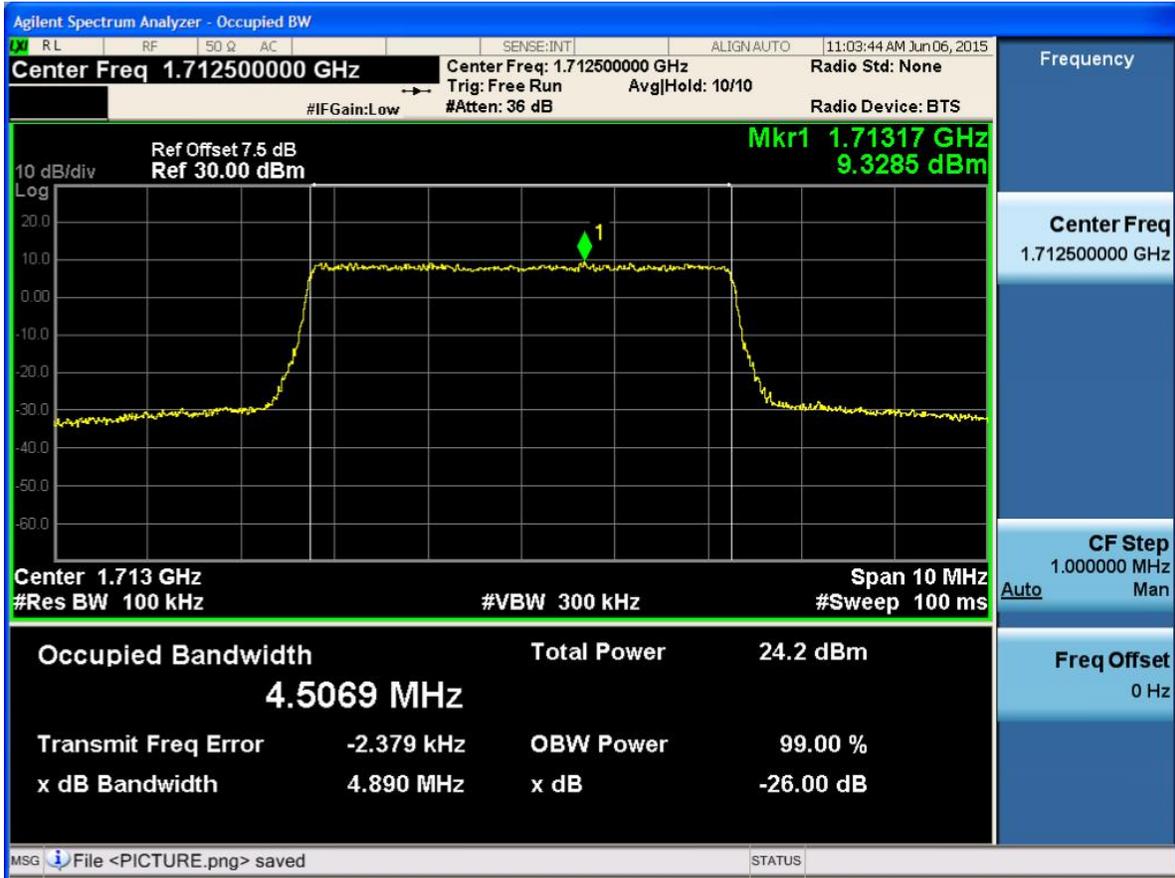
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

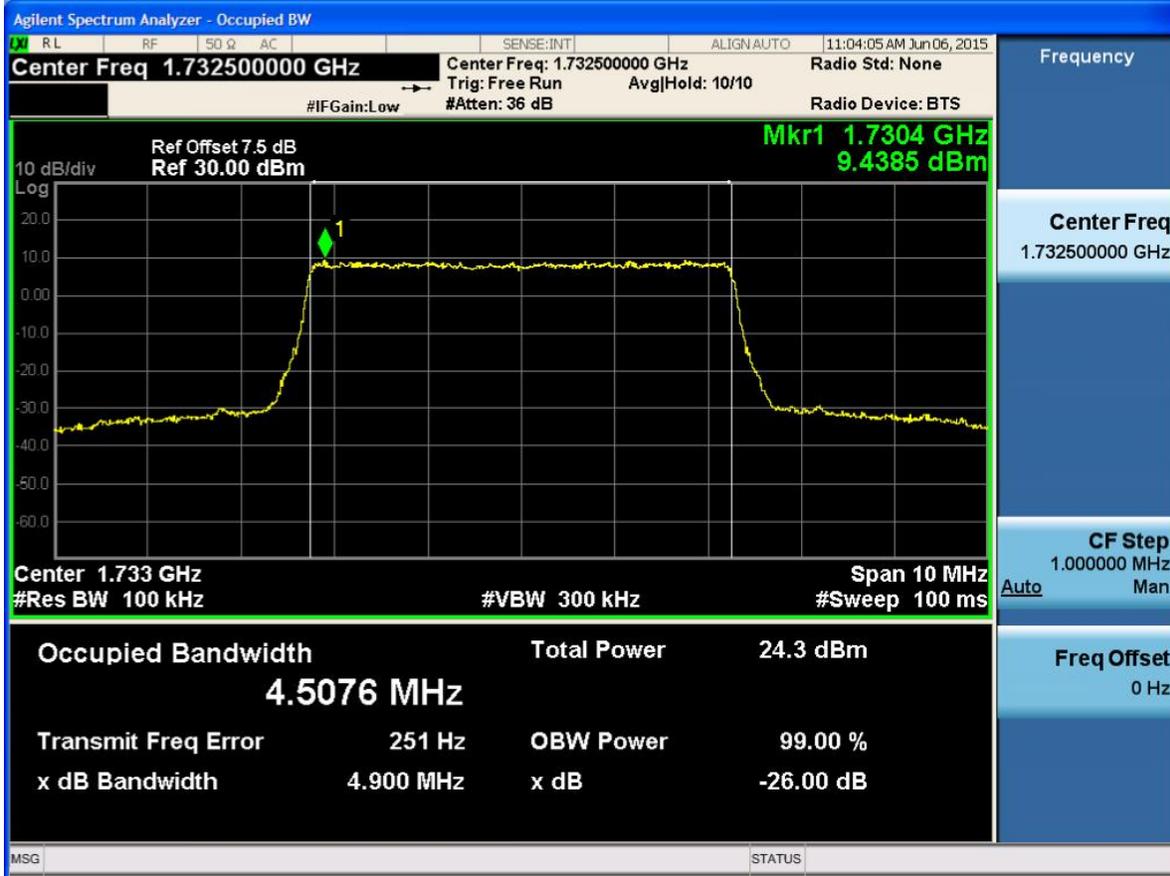
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

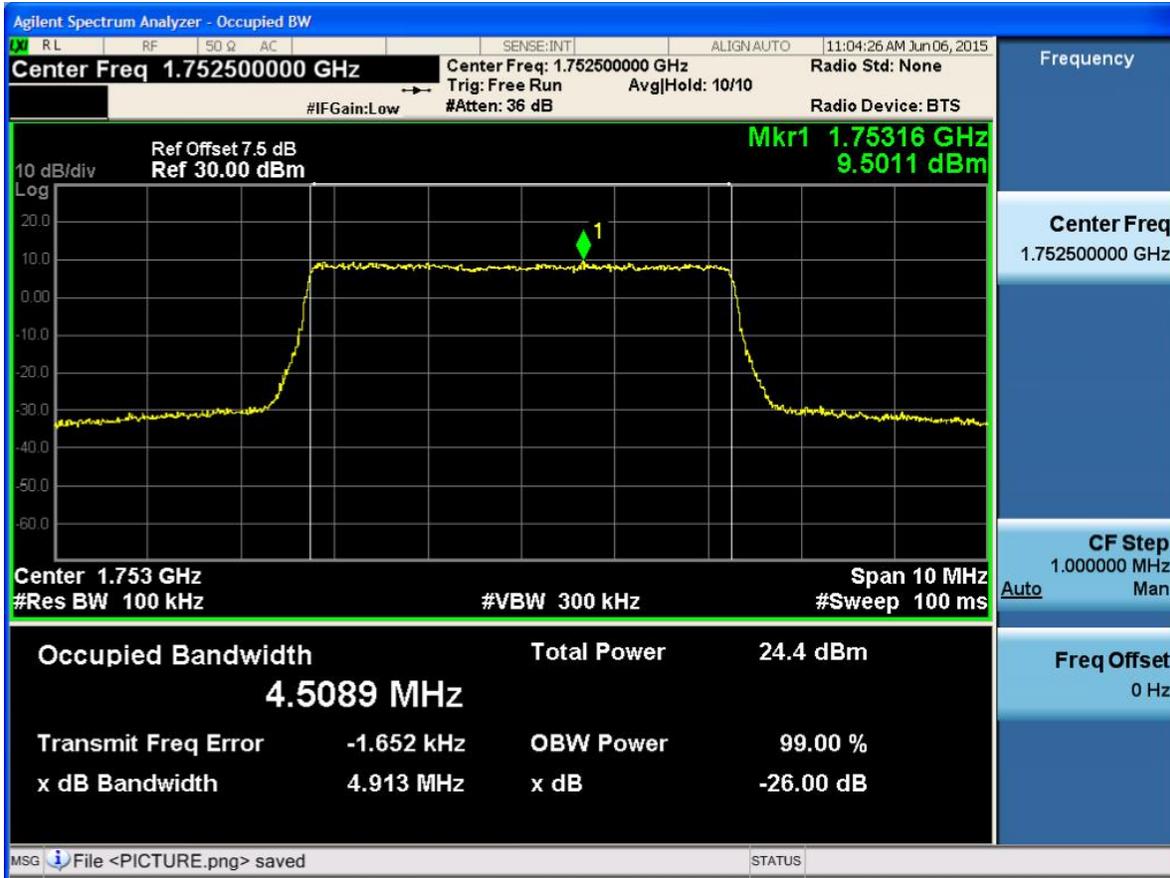
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

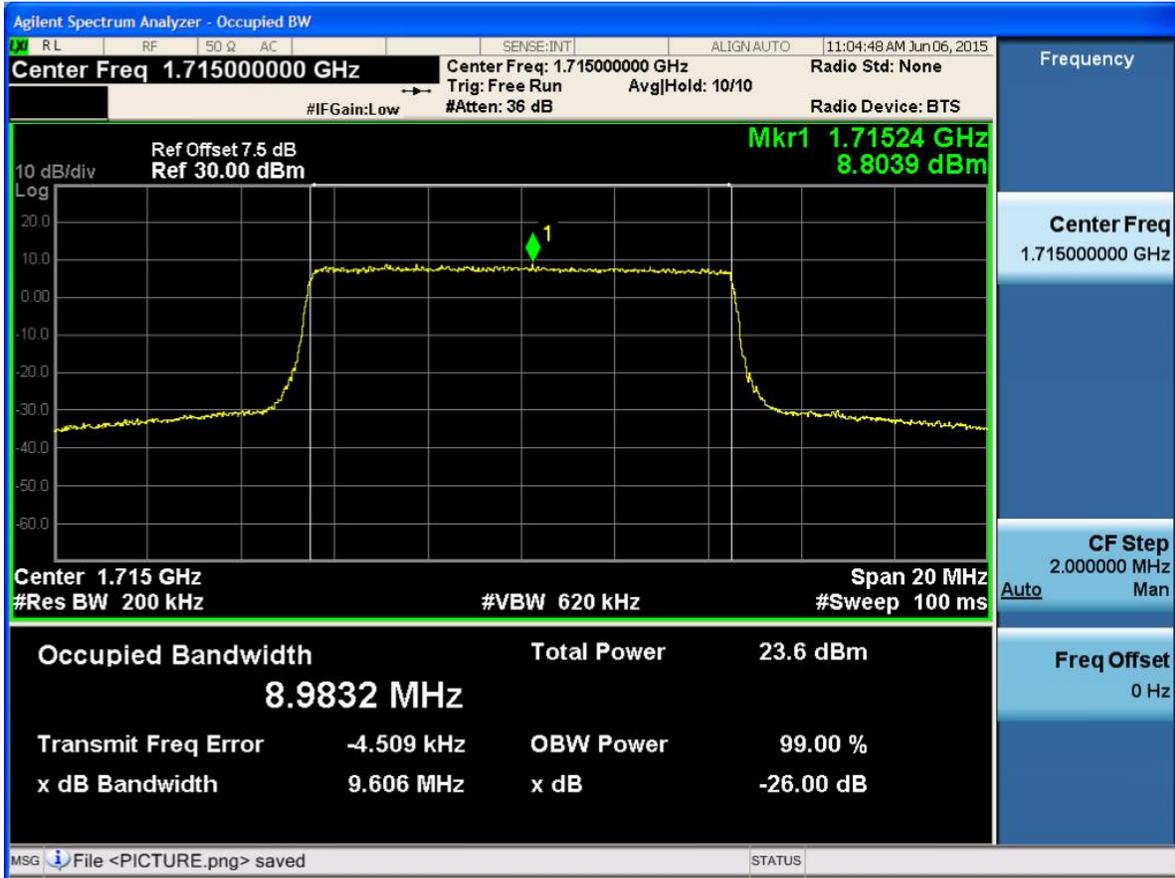




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



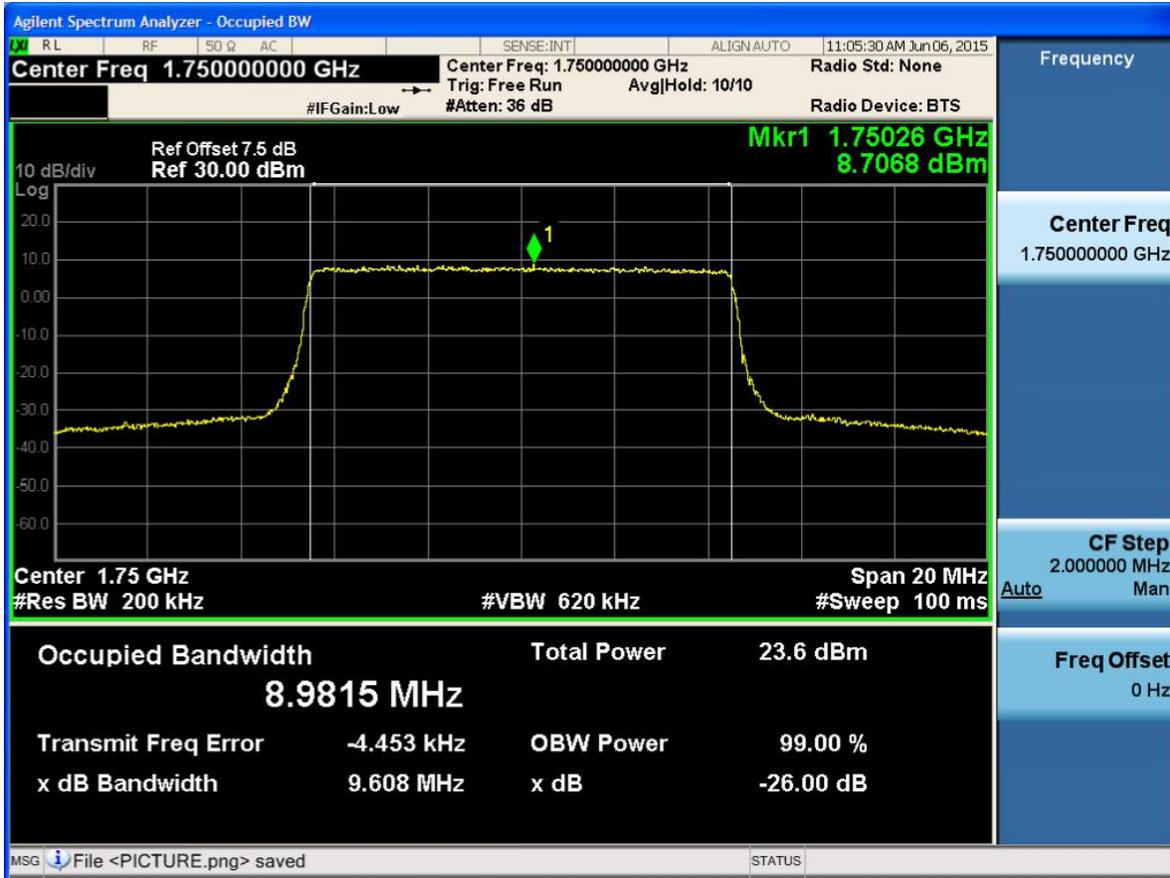
4.1.1.1.4.2 Test Channel = MCH

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

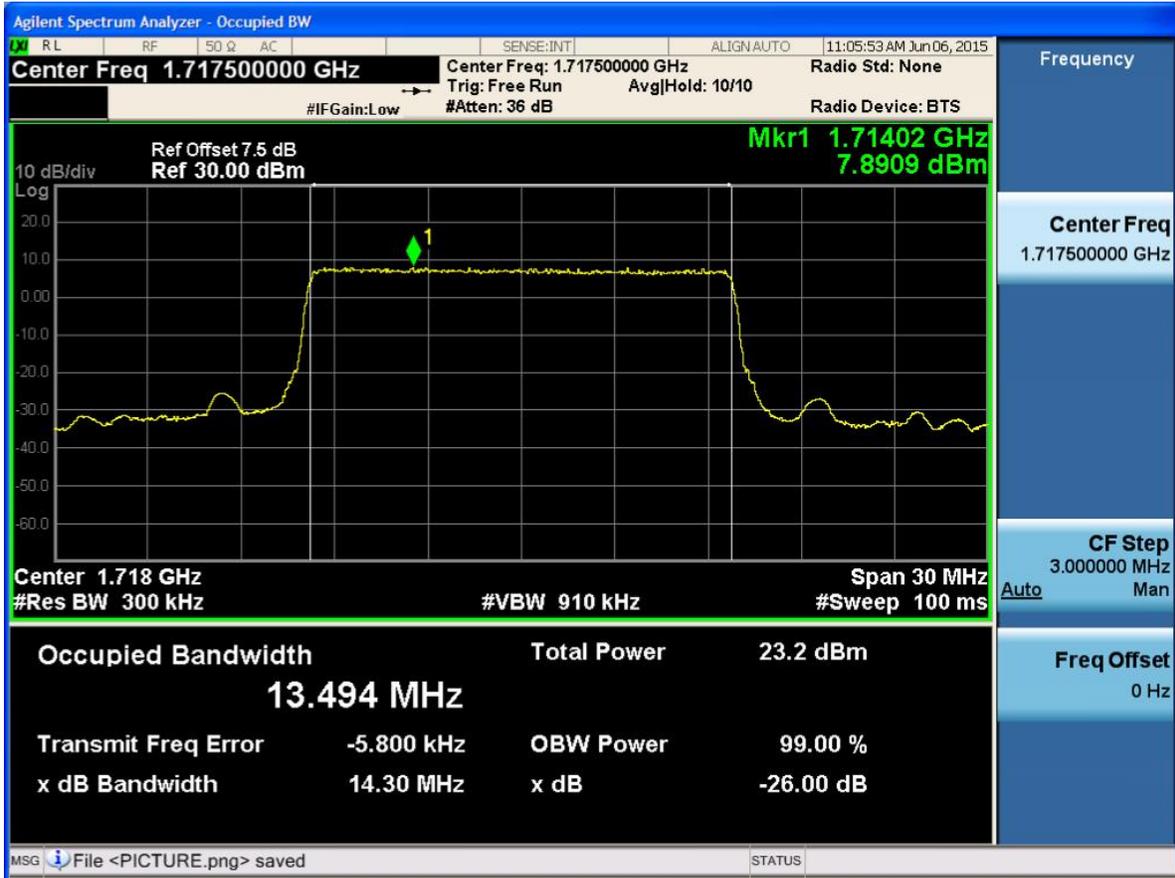




4.1.1.1.5 Test Bandwidth = 15

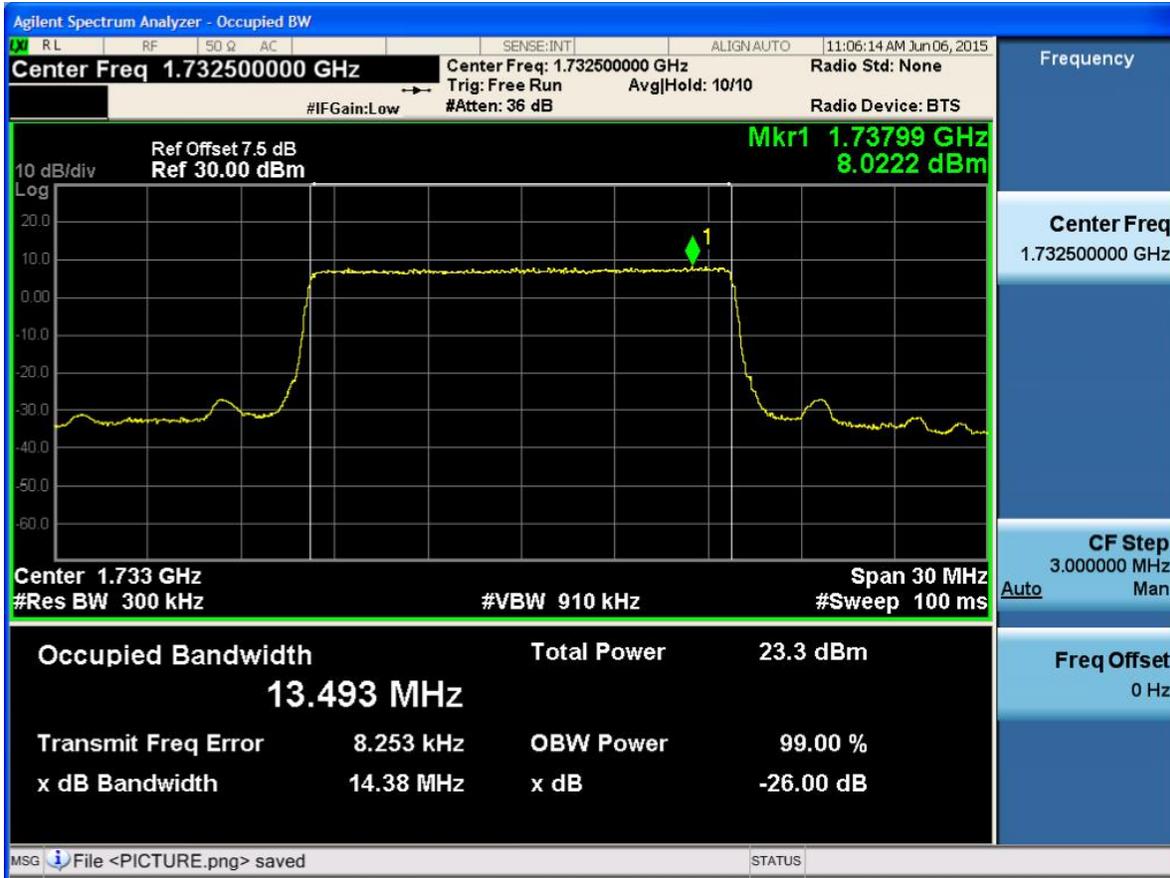
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



4.1.1.1.5.2 Test Channel = MCH

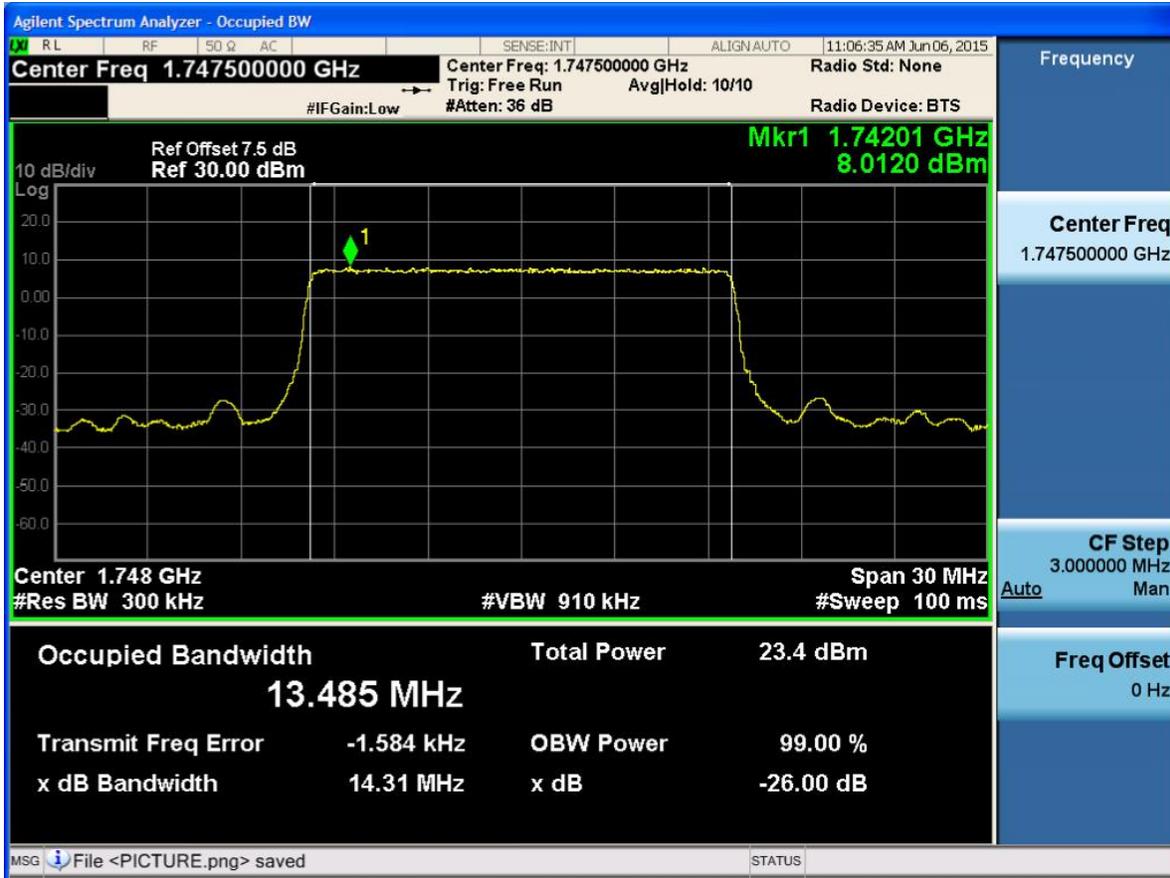
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

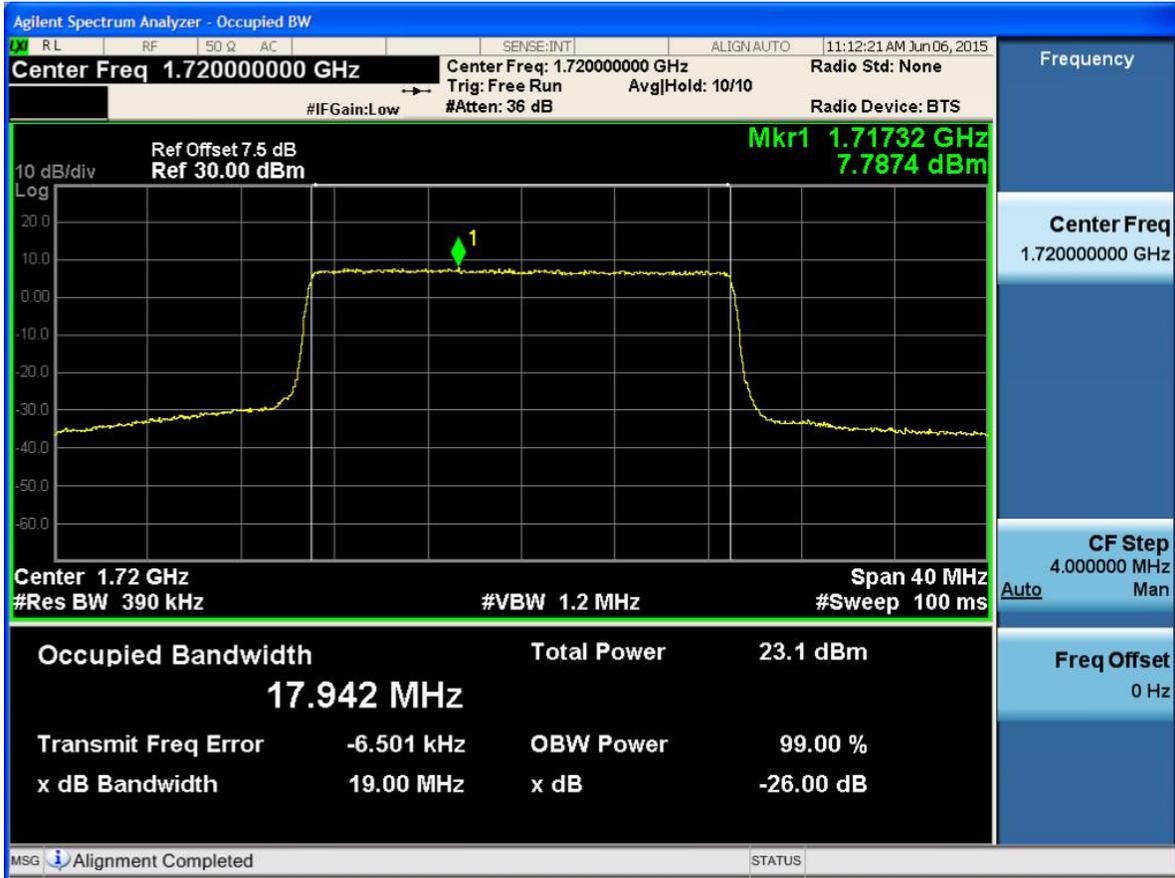




4.1.1.1.6 Test Bandwidth = 20

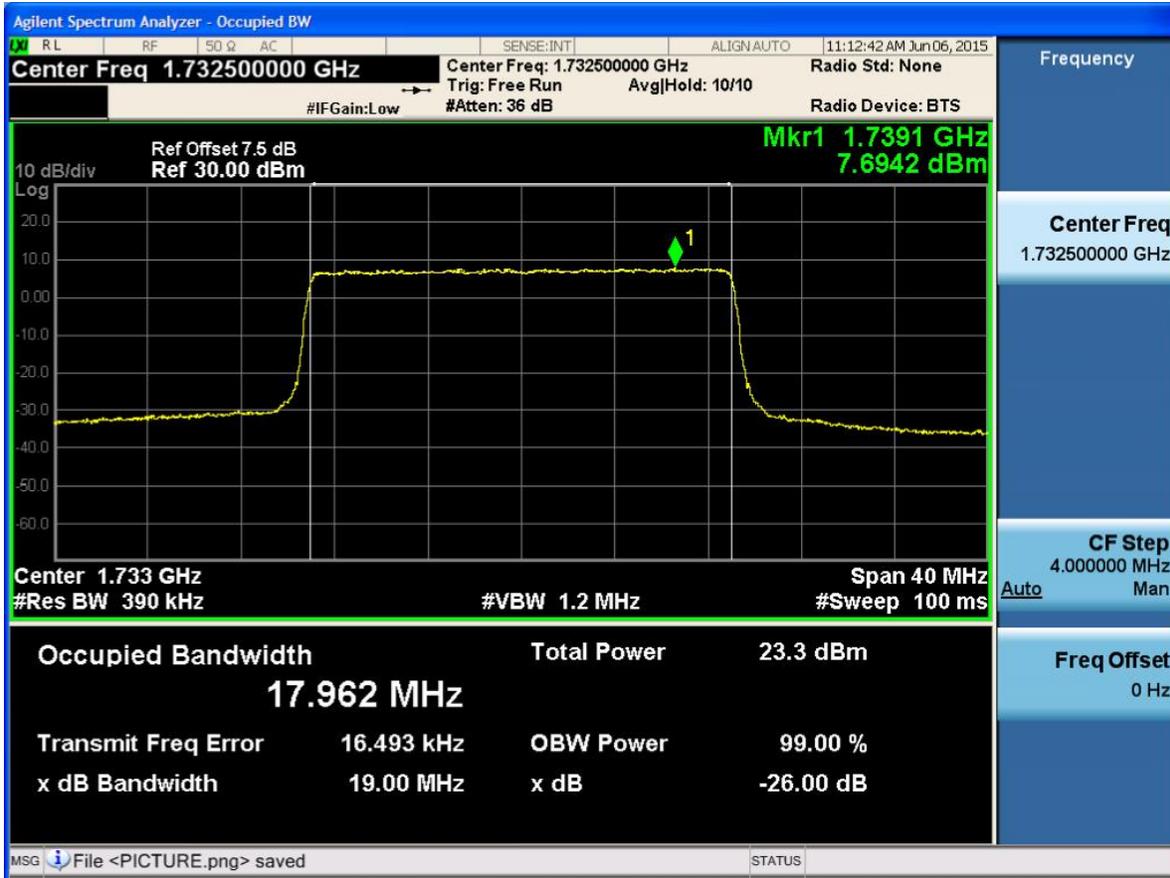
4.1.1.1.6.1 Test Channel = LCH

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



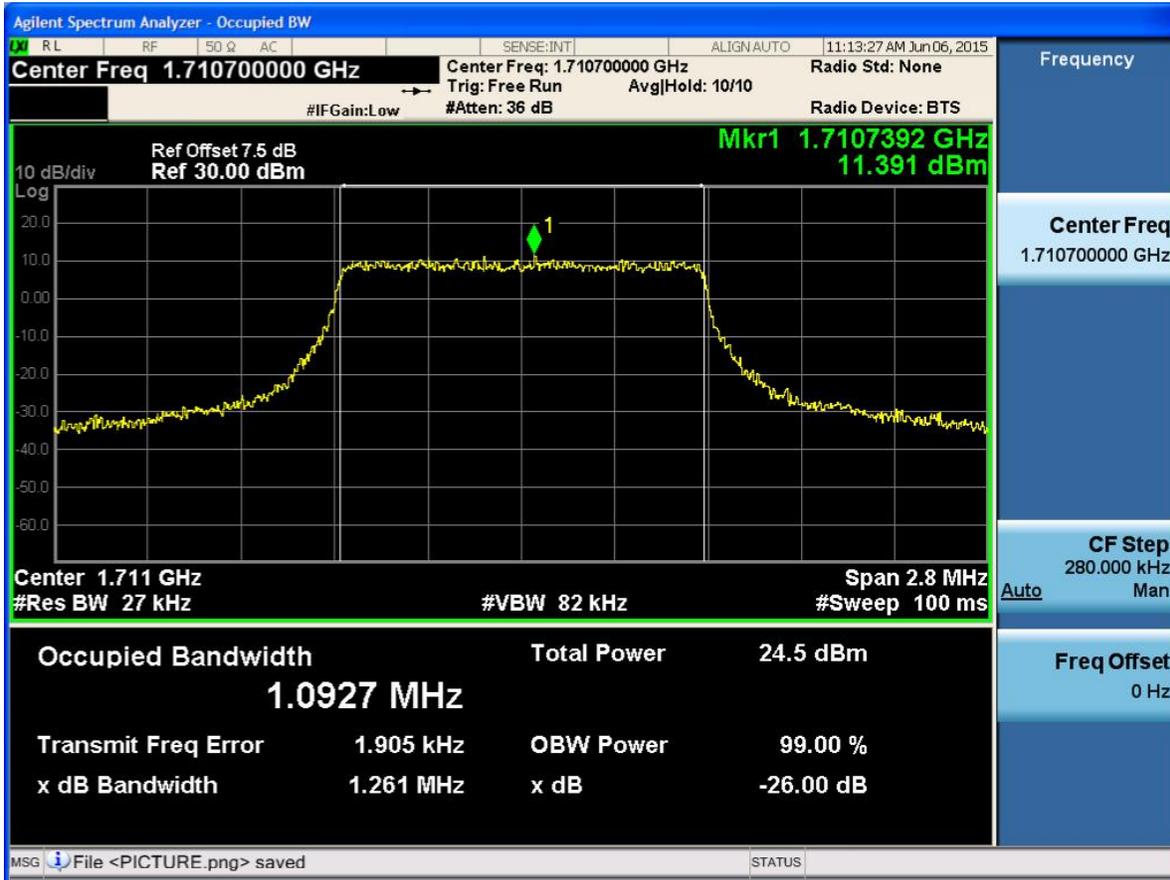


4.1.1.2 Test Mode = LTE/TM2

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





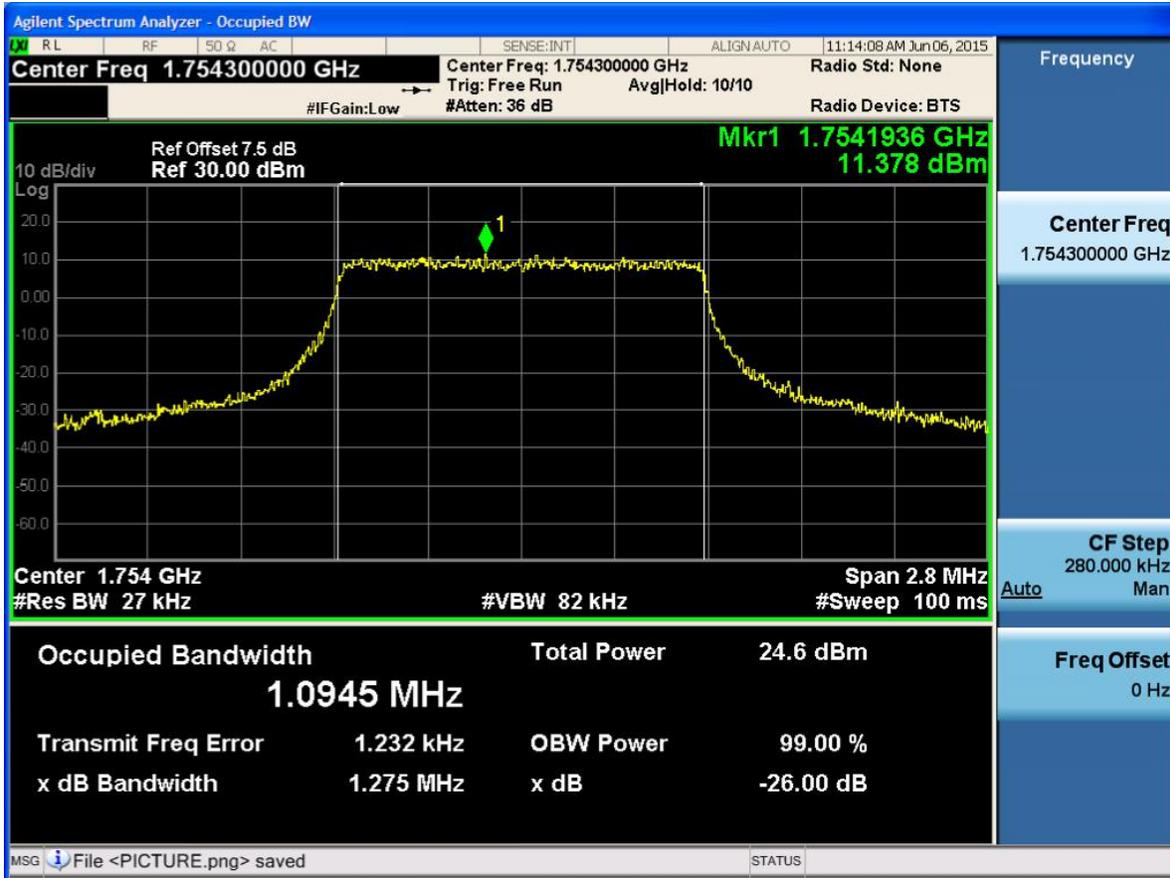
4.1.1.2.1.2 Test Channel = MCH

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

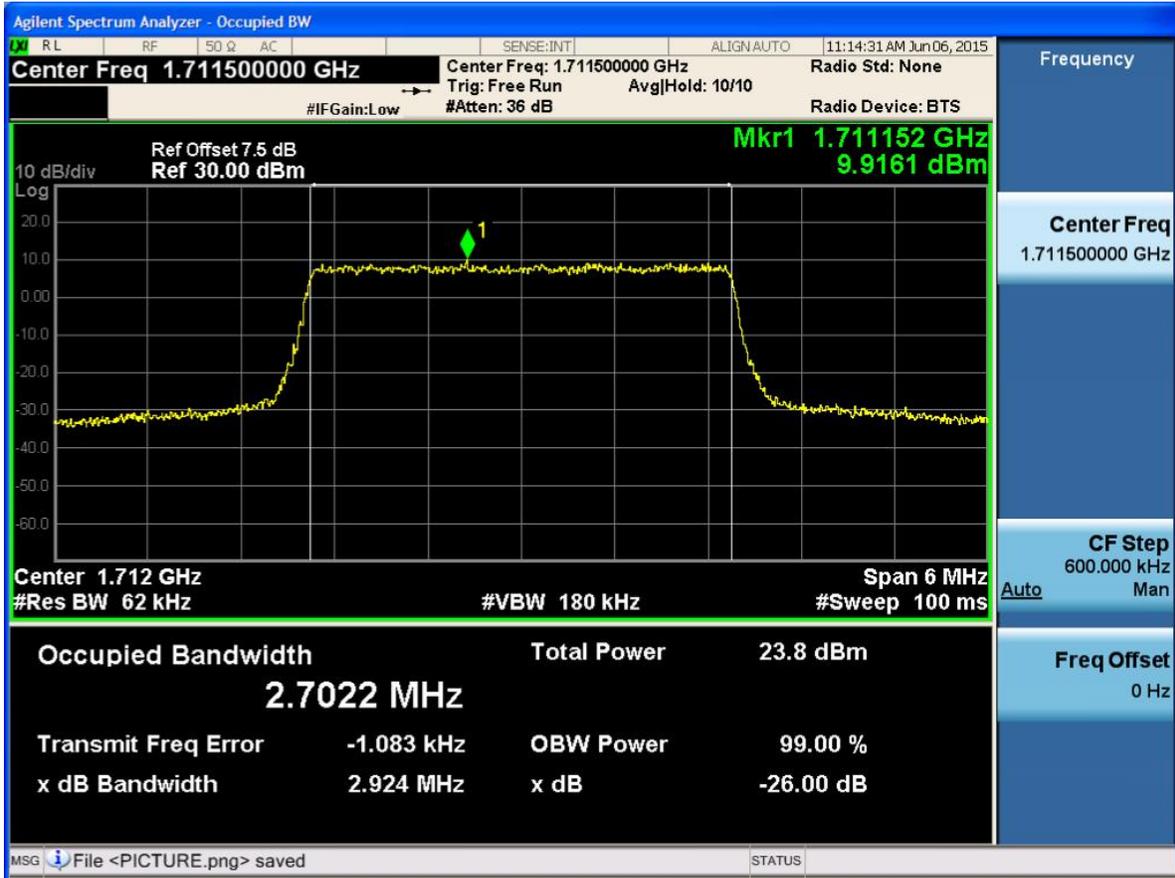




4.1.1.2.2 Test Bandwidth = 3

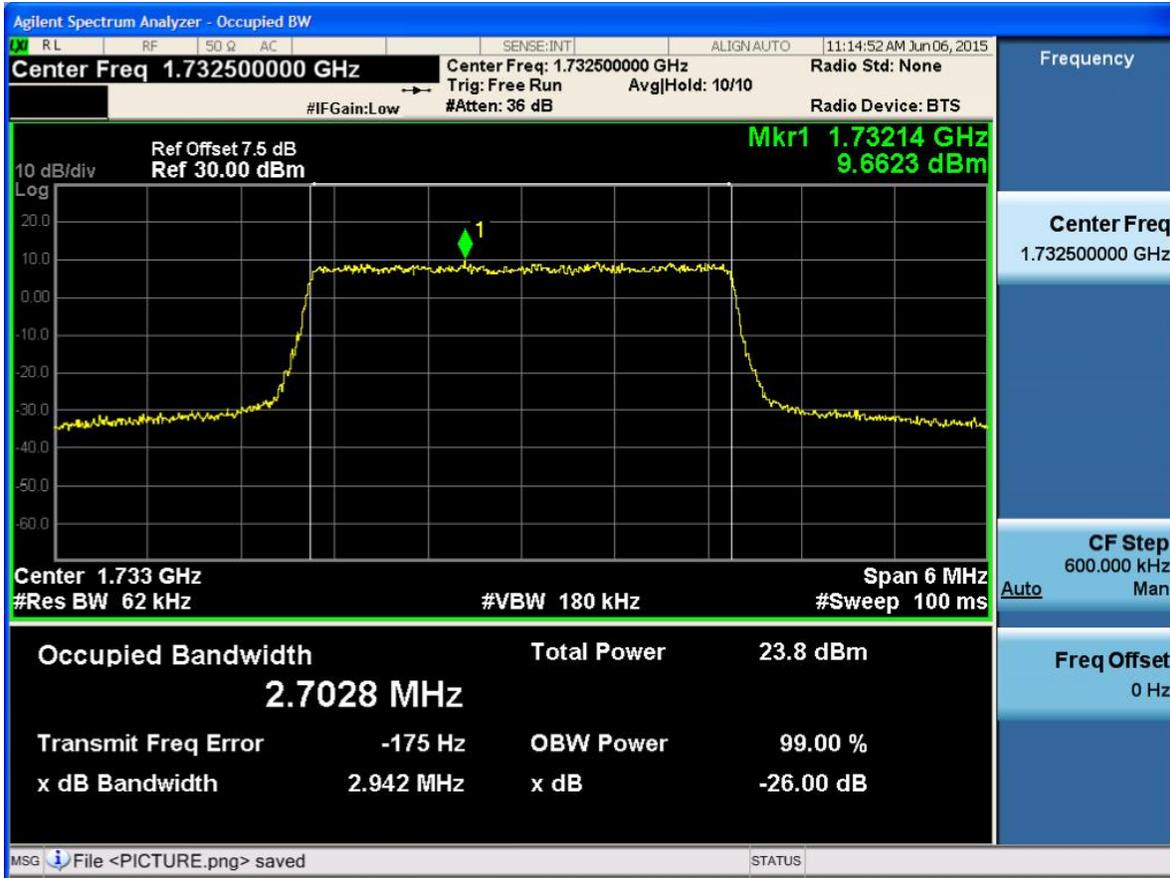
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



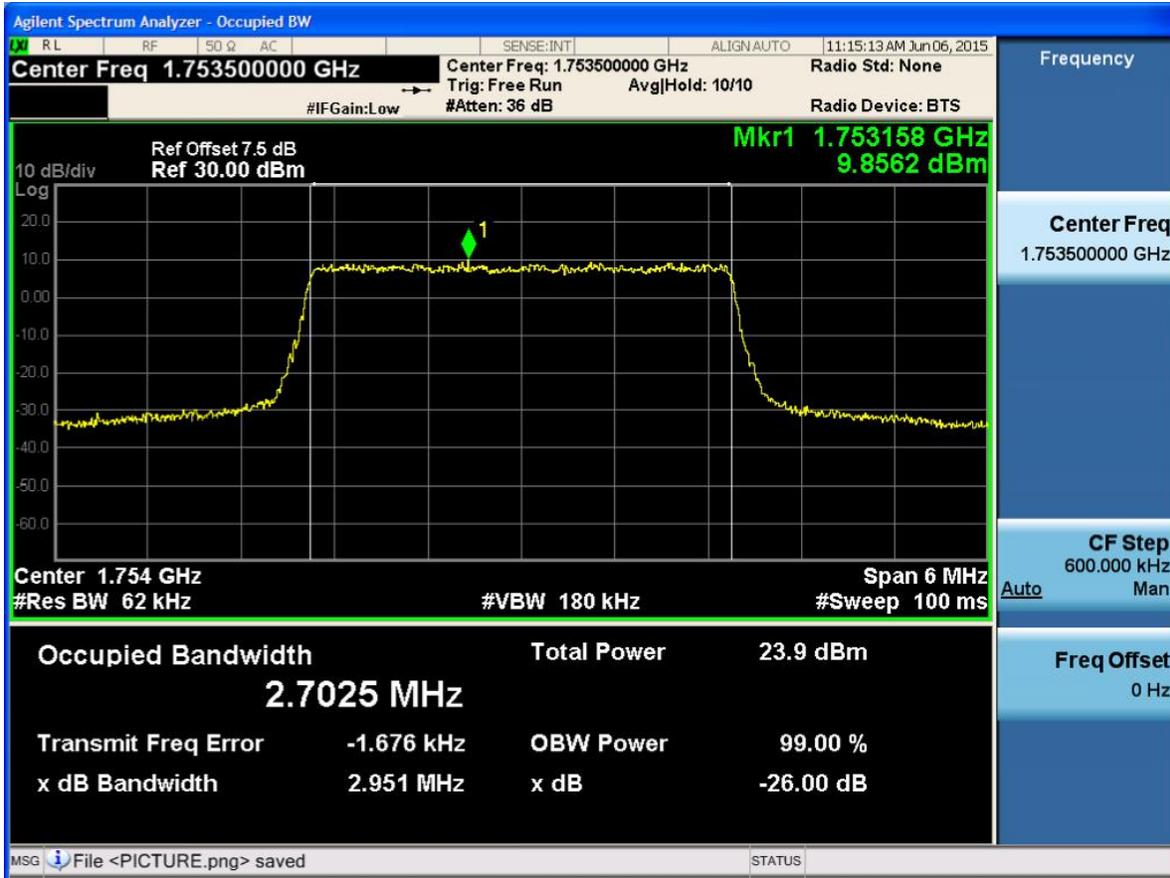
4.1.1.2.2.2 Test Channel = MCH

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

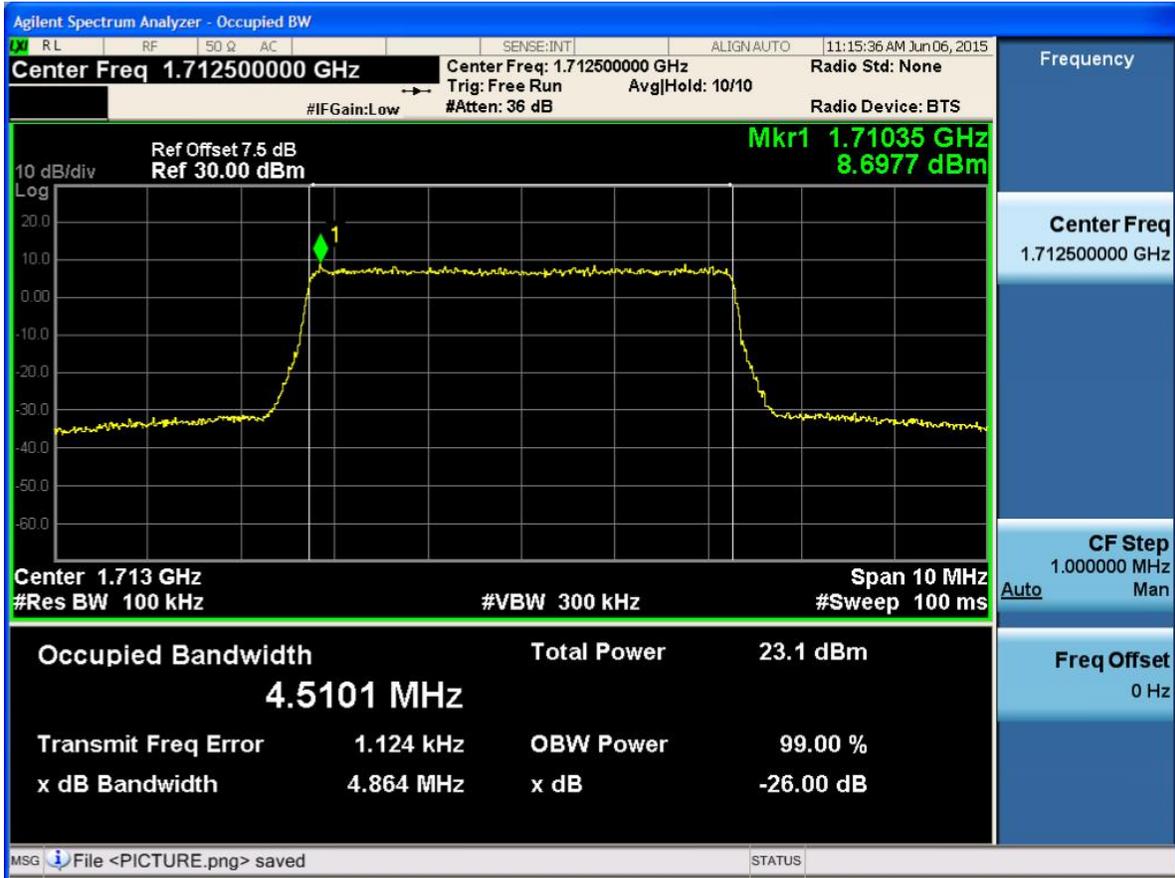




4.1.1.2.3 Test Bandwidth = 5

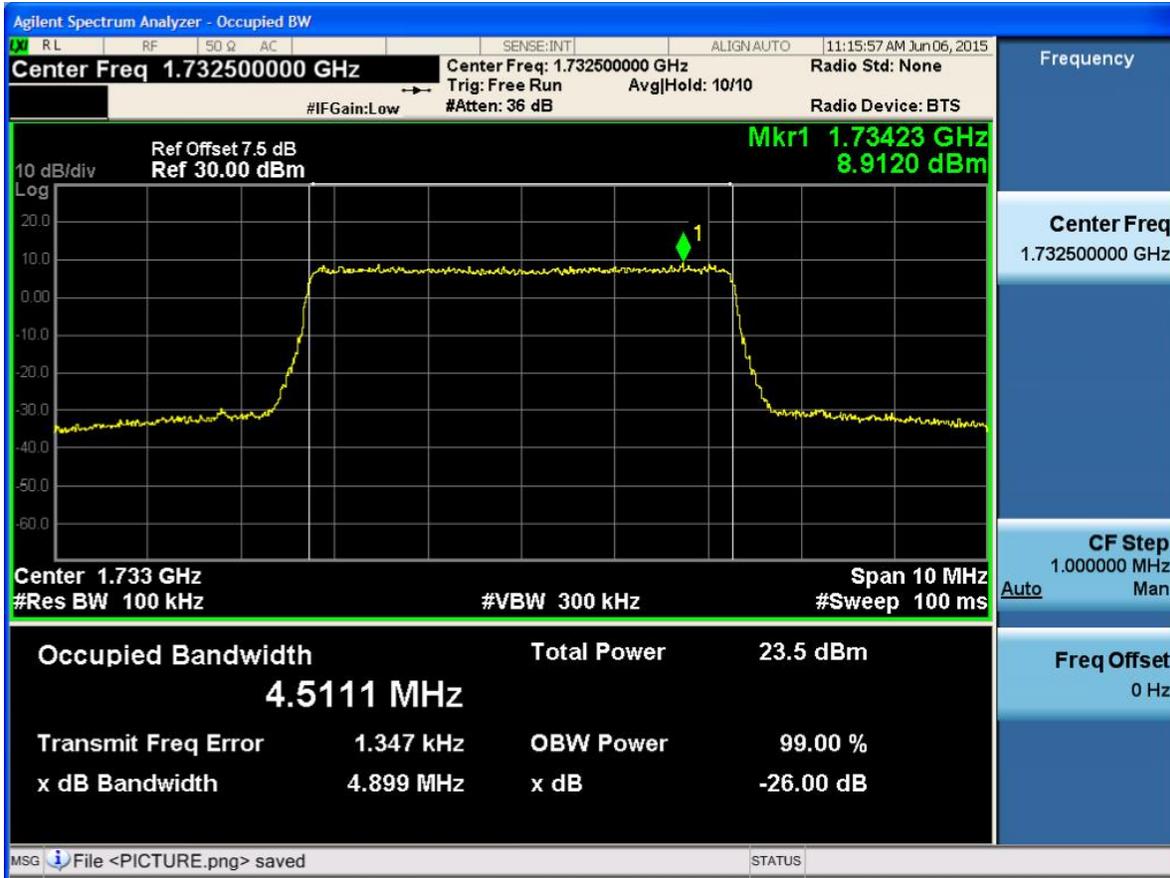
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

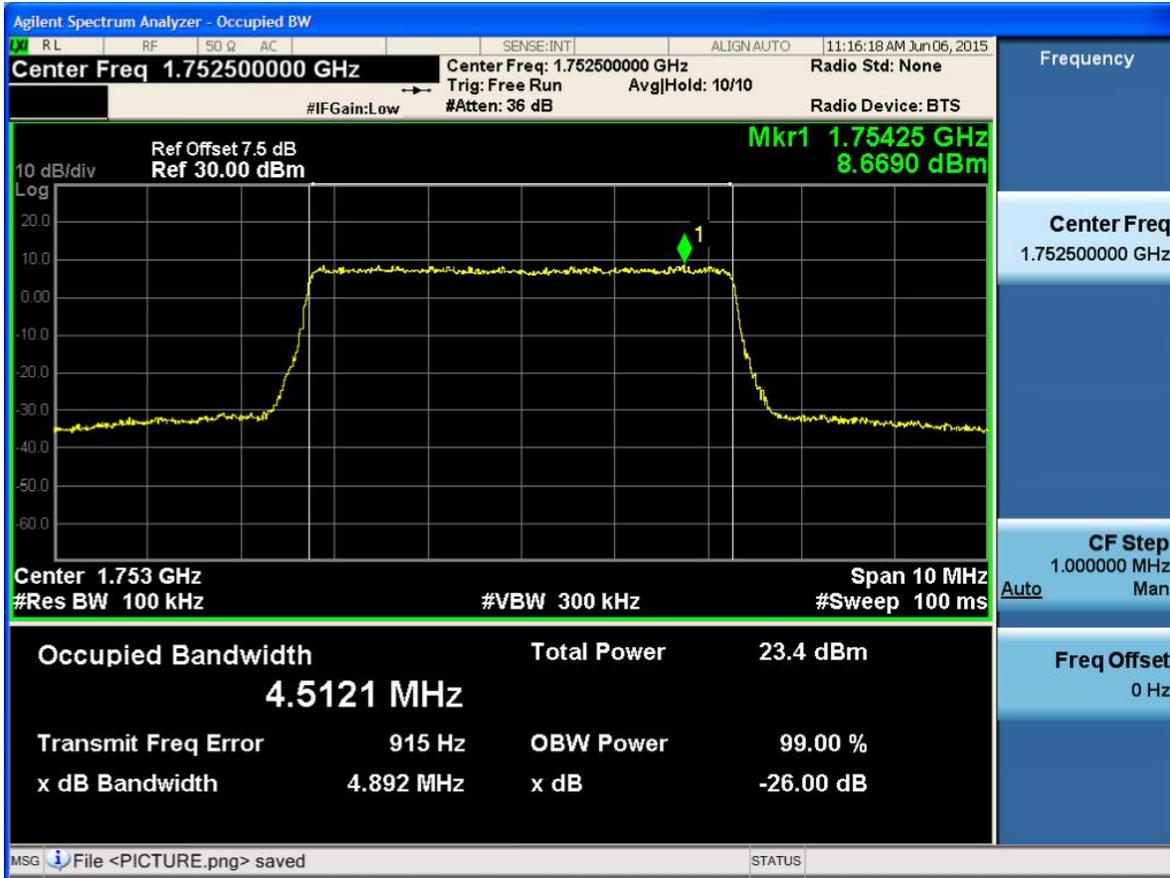
4.1.1.2.3.2.1 Test RB = RB25#0





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

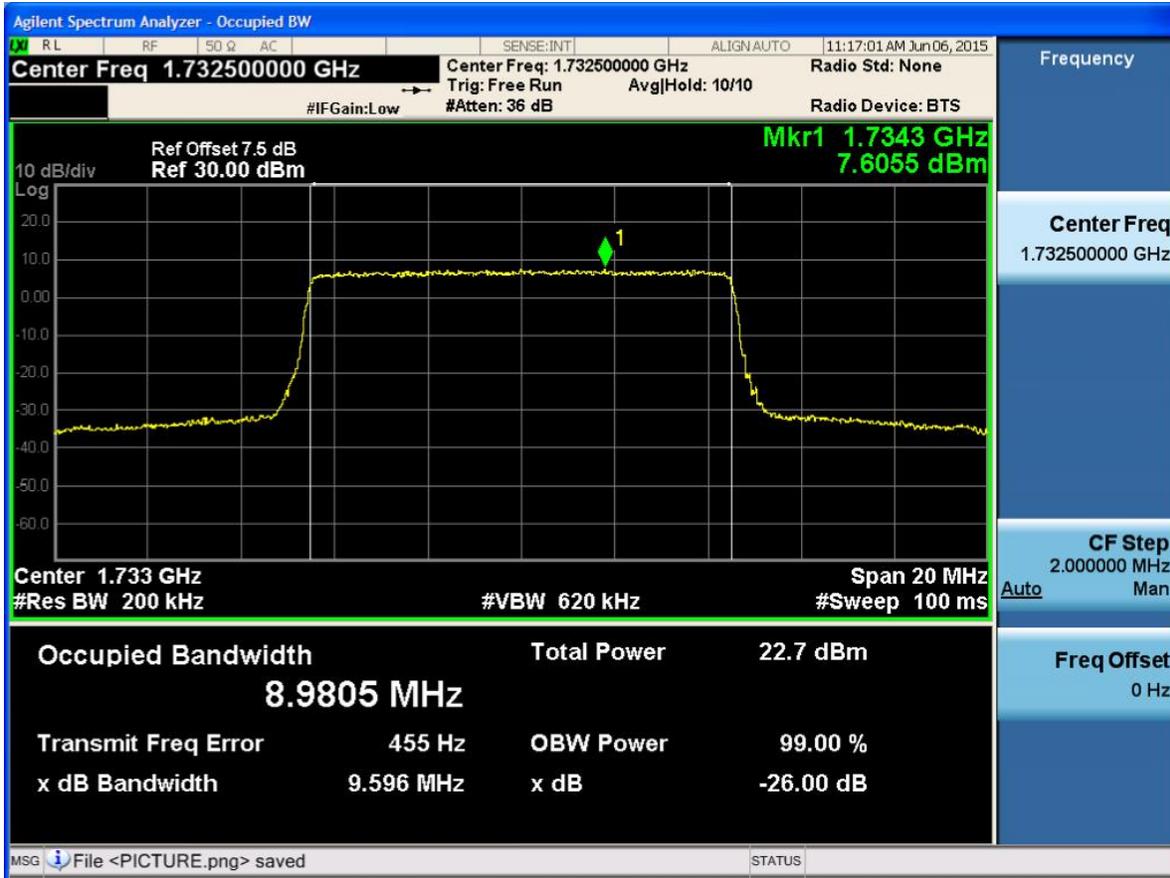
4.1.1.2.4.1.1 Test RB = RB50#0





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

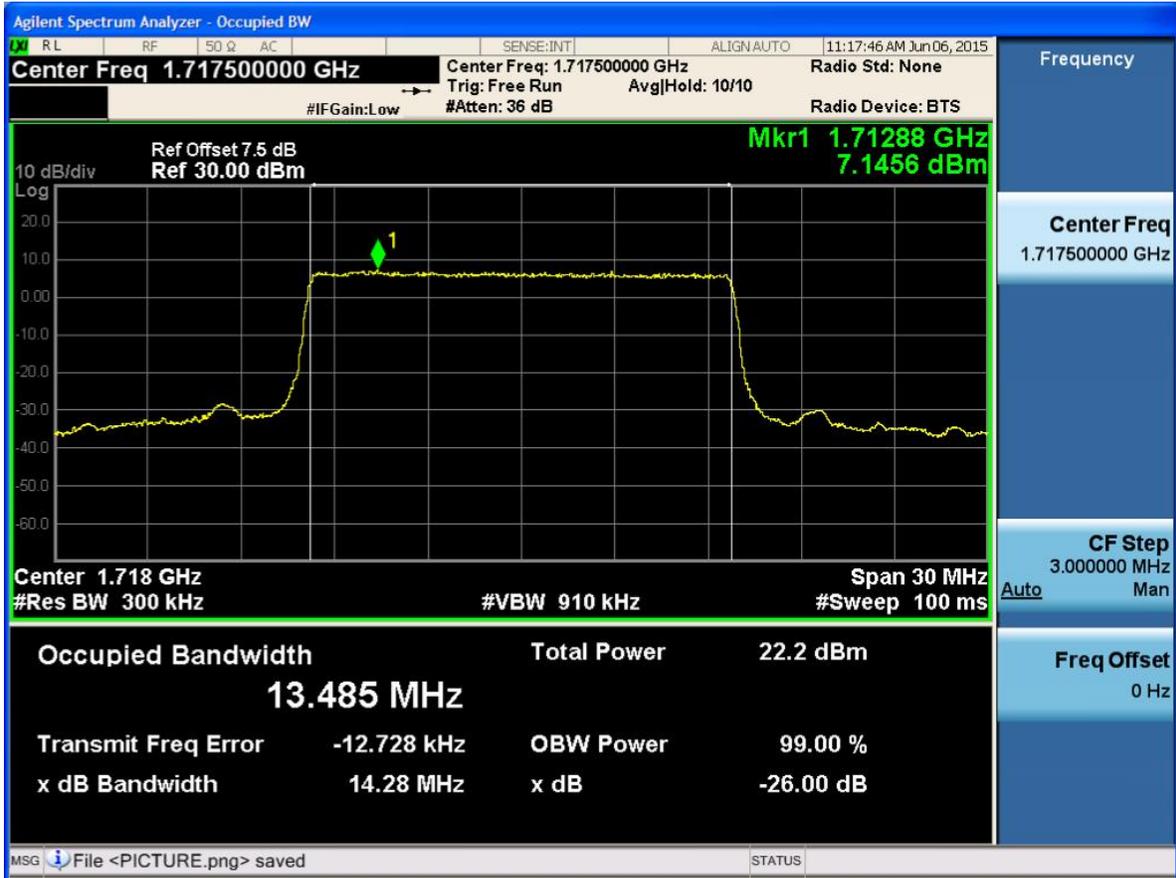




4.1.1.2.5 Test Bandwidth = 15

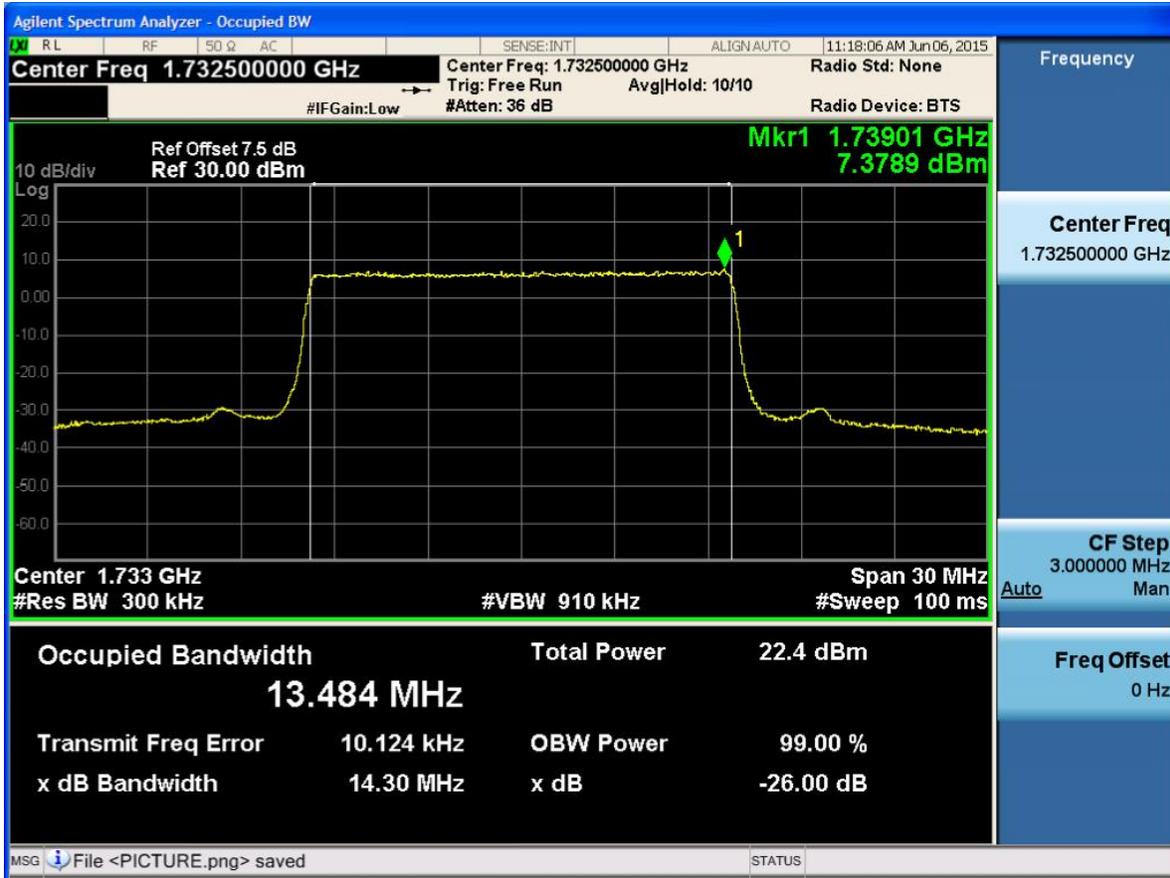
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



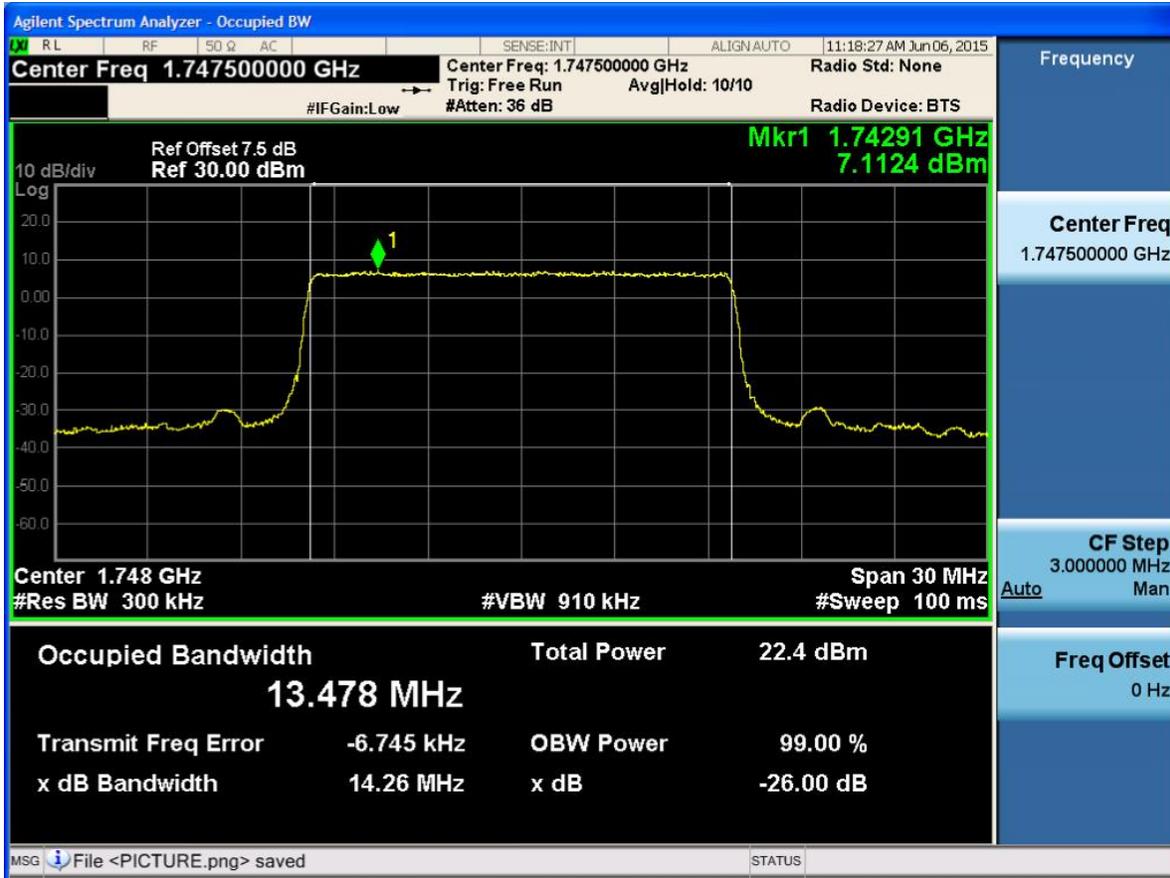
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

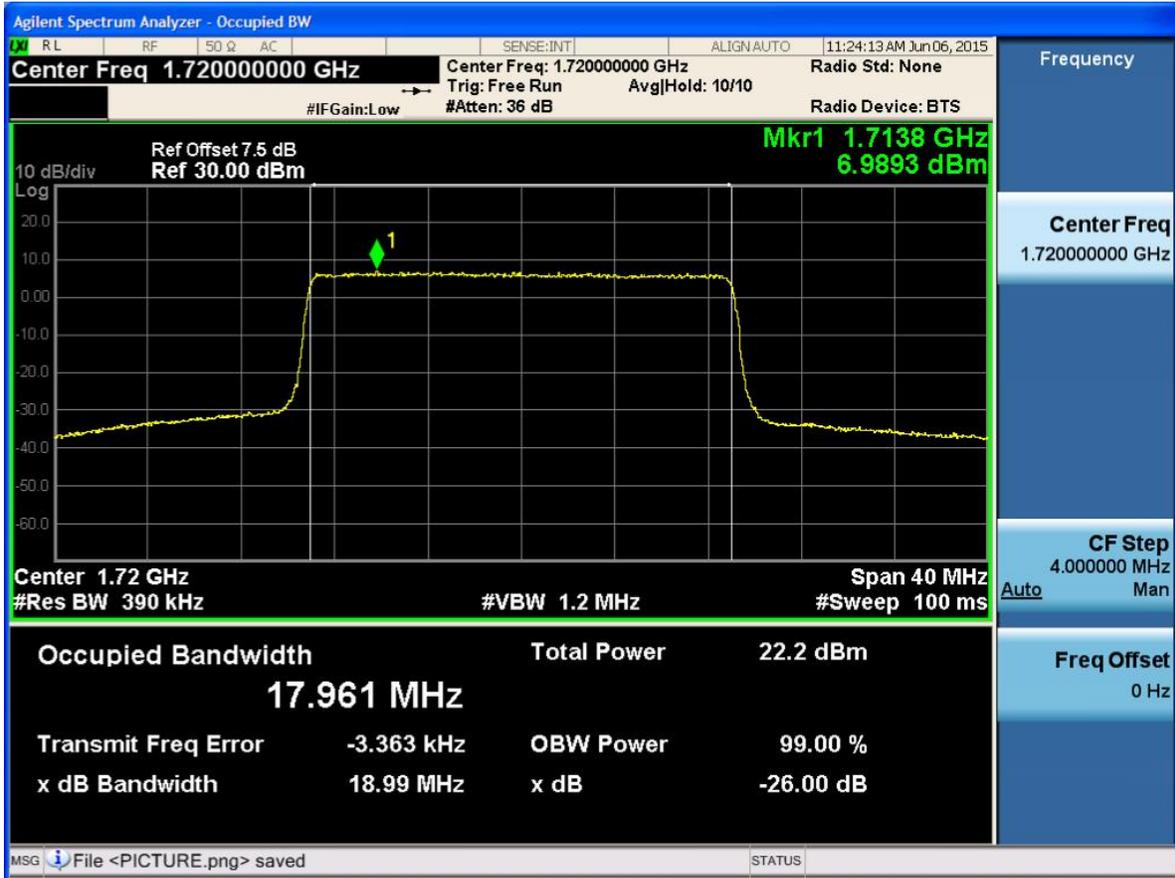
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

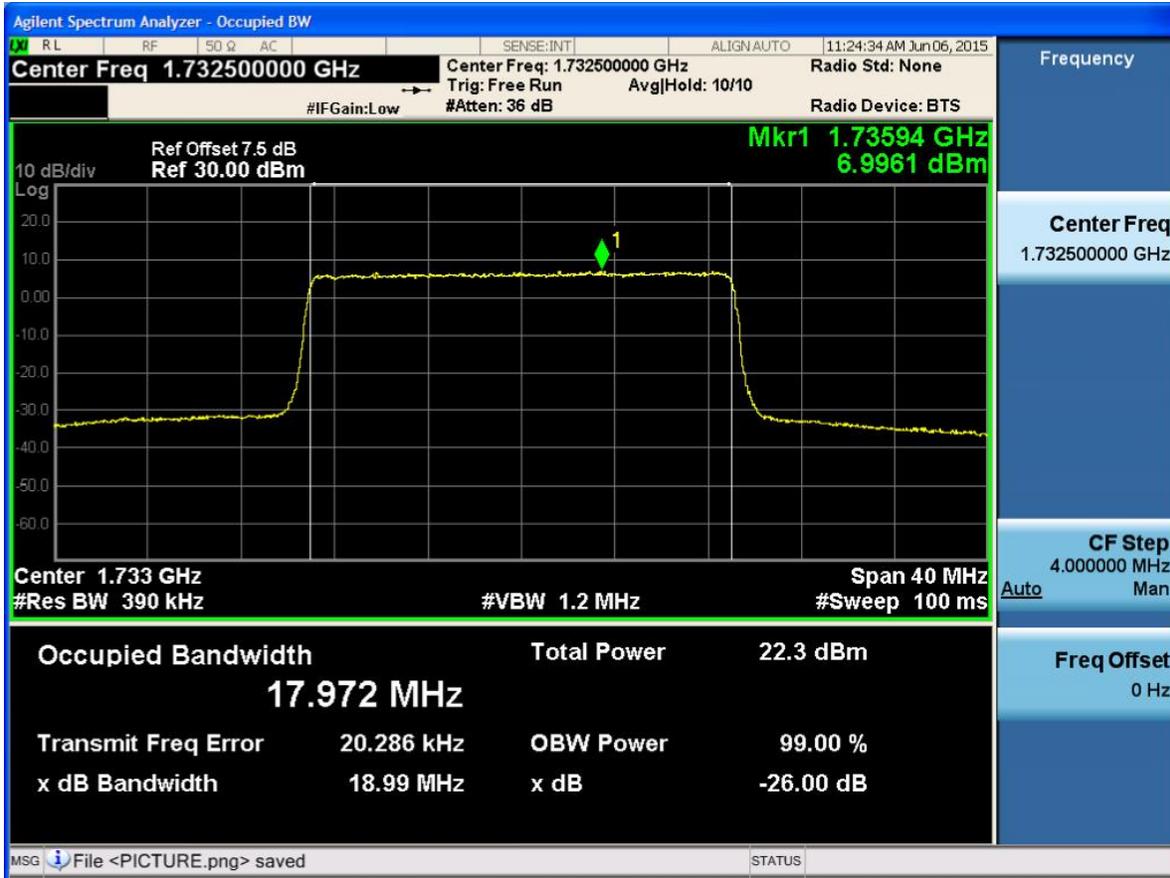
4.1.1.2.6.1 Test Channel = LCH

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

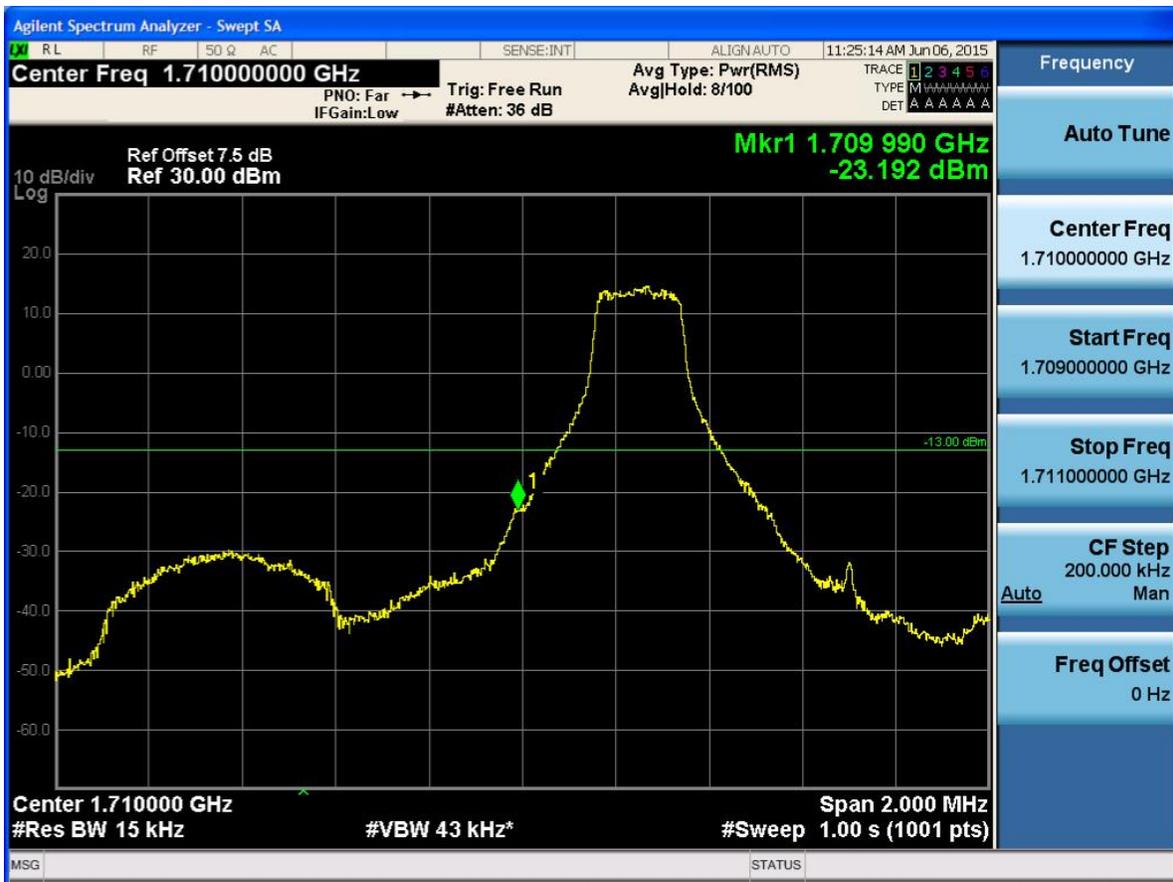
5.1.1 Test Band = BAND4

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





5.1.1.1.1.1.3 Test RB = RB3#2





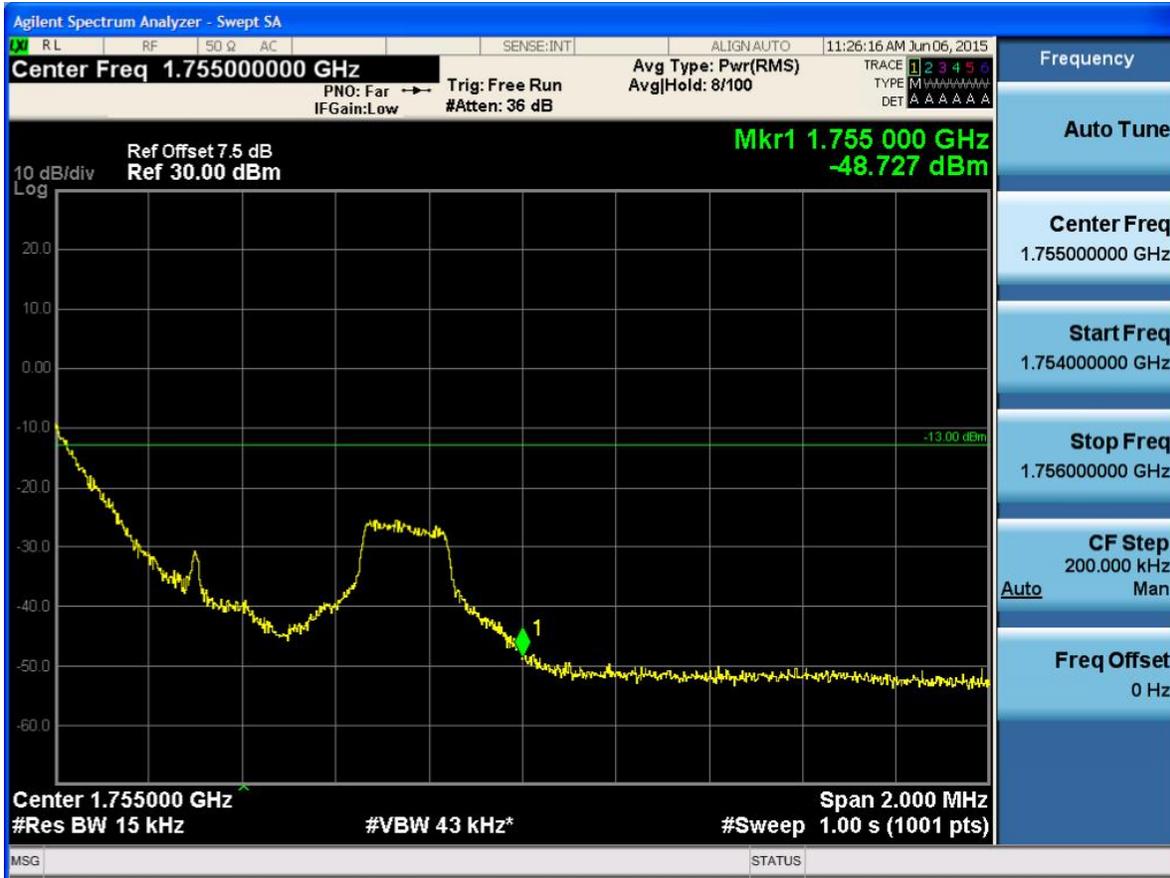
5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.1.2.4 Test RB = RB6#0

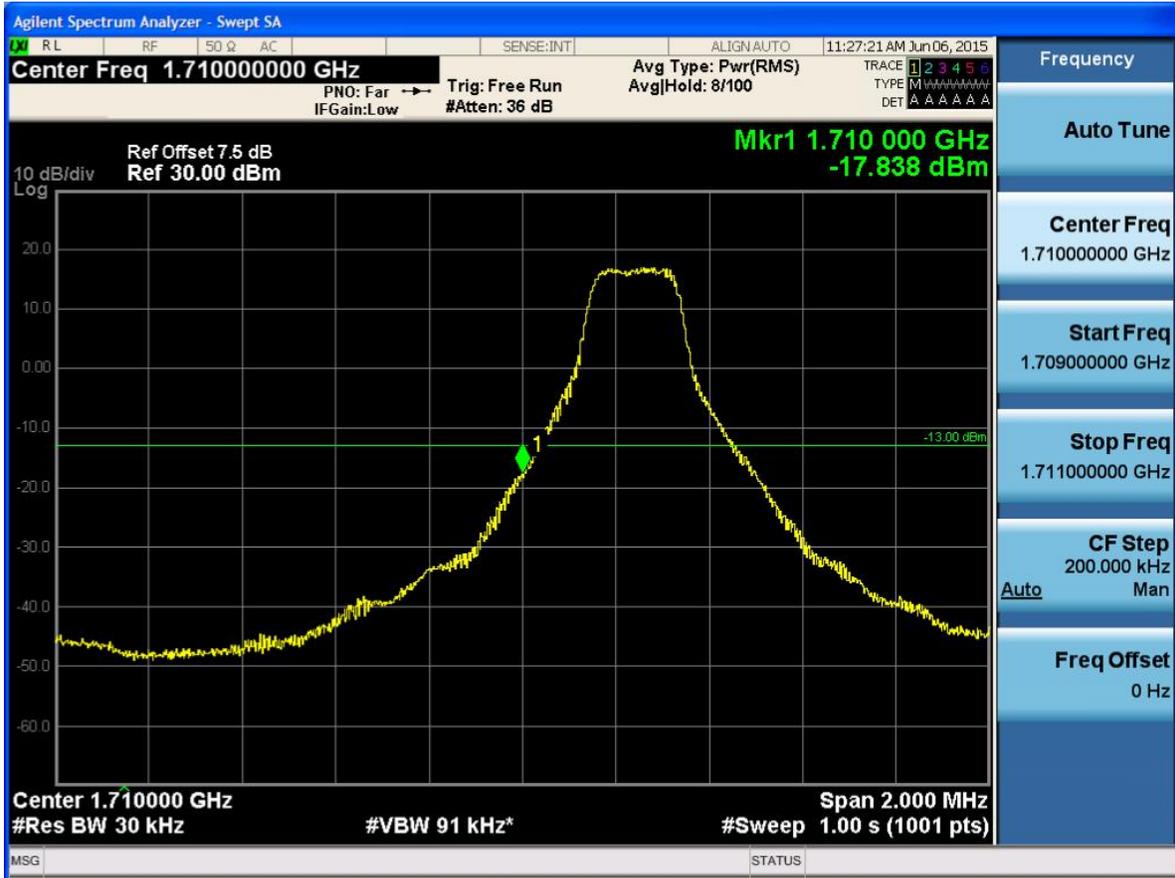




5.1.1.1.2 Test Bandwidth = 3

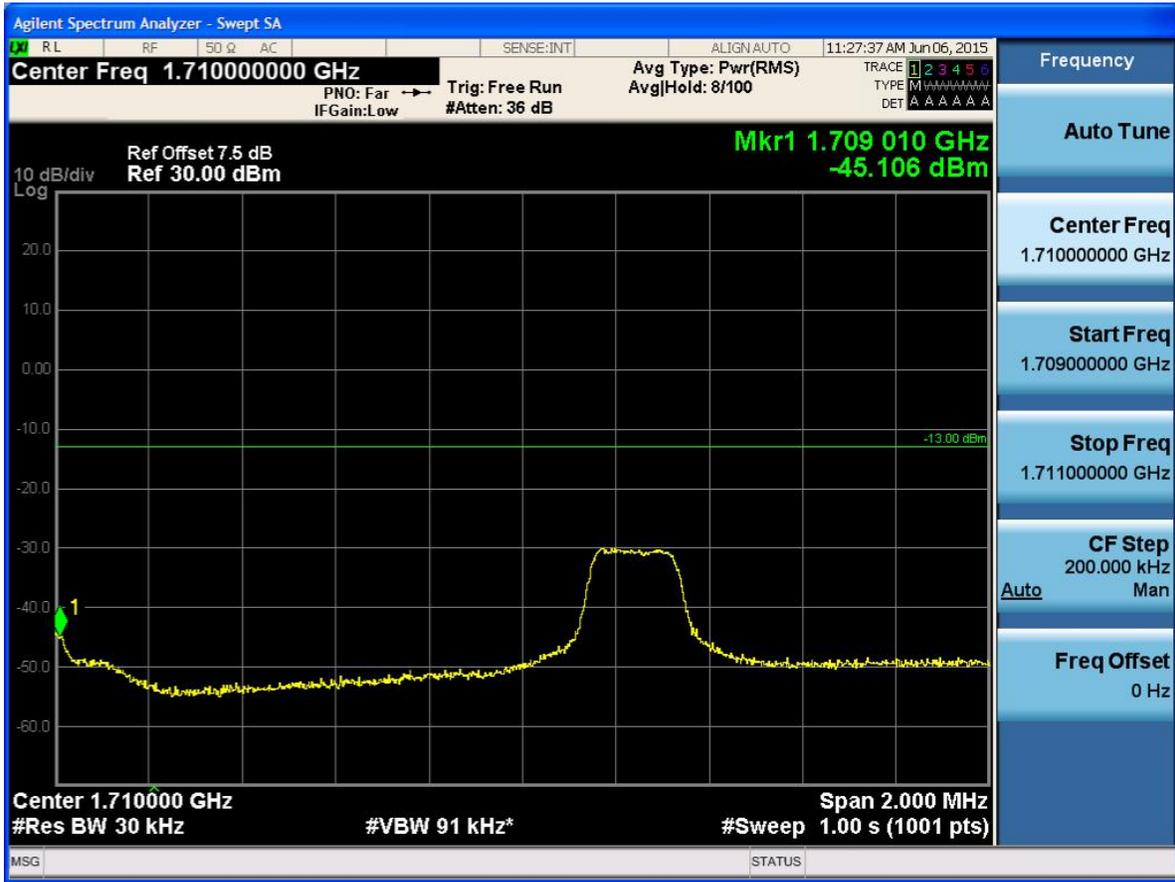
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





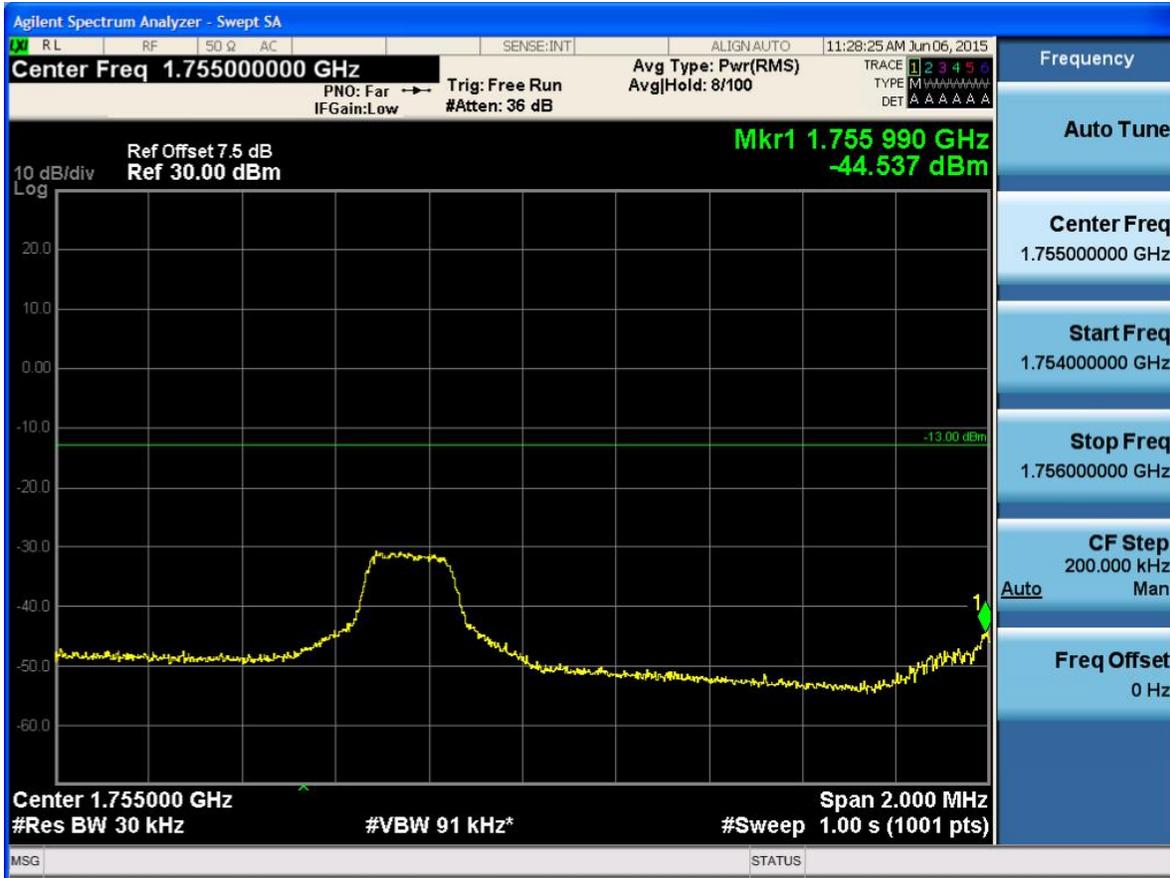
5.1.1.1.2.1.4 Test RB = RB15#0





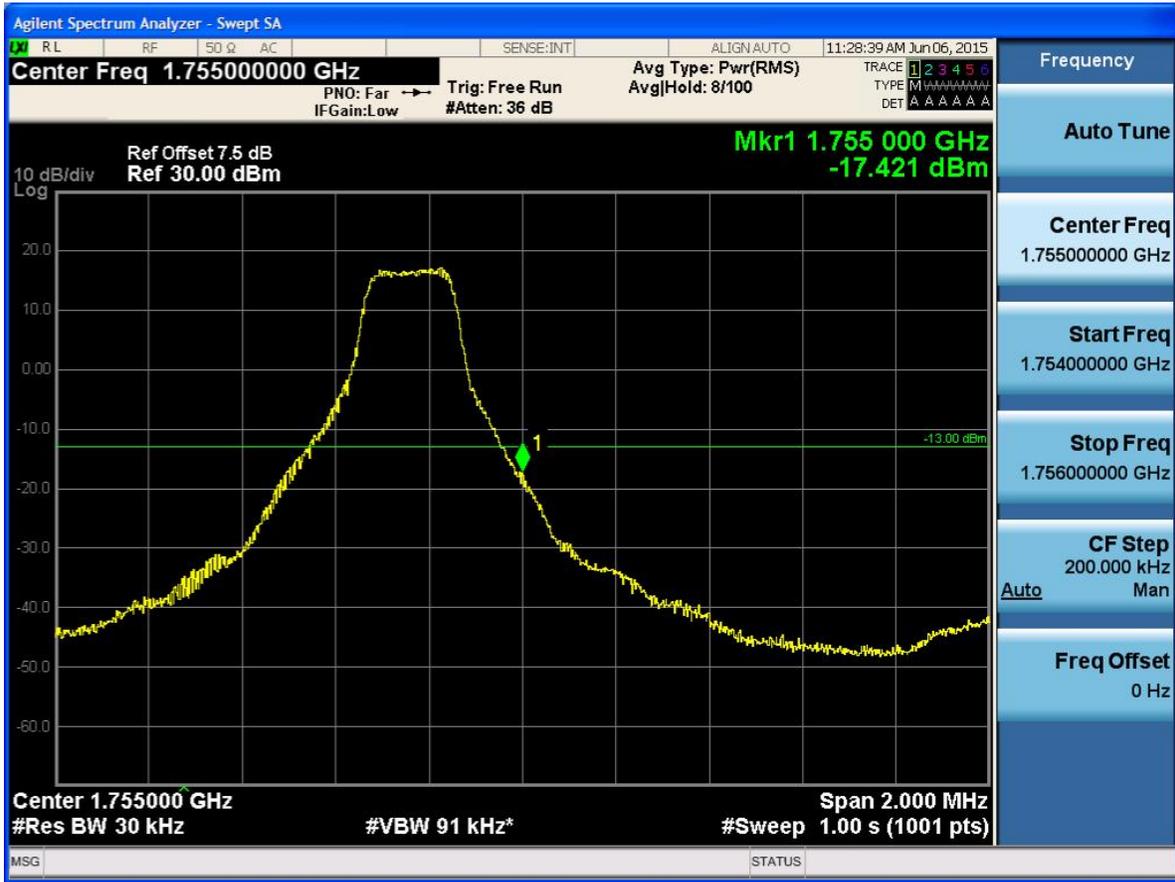
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 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

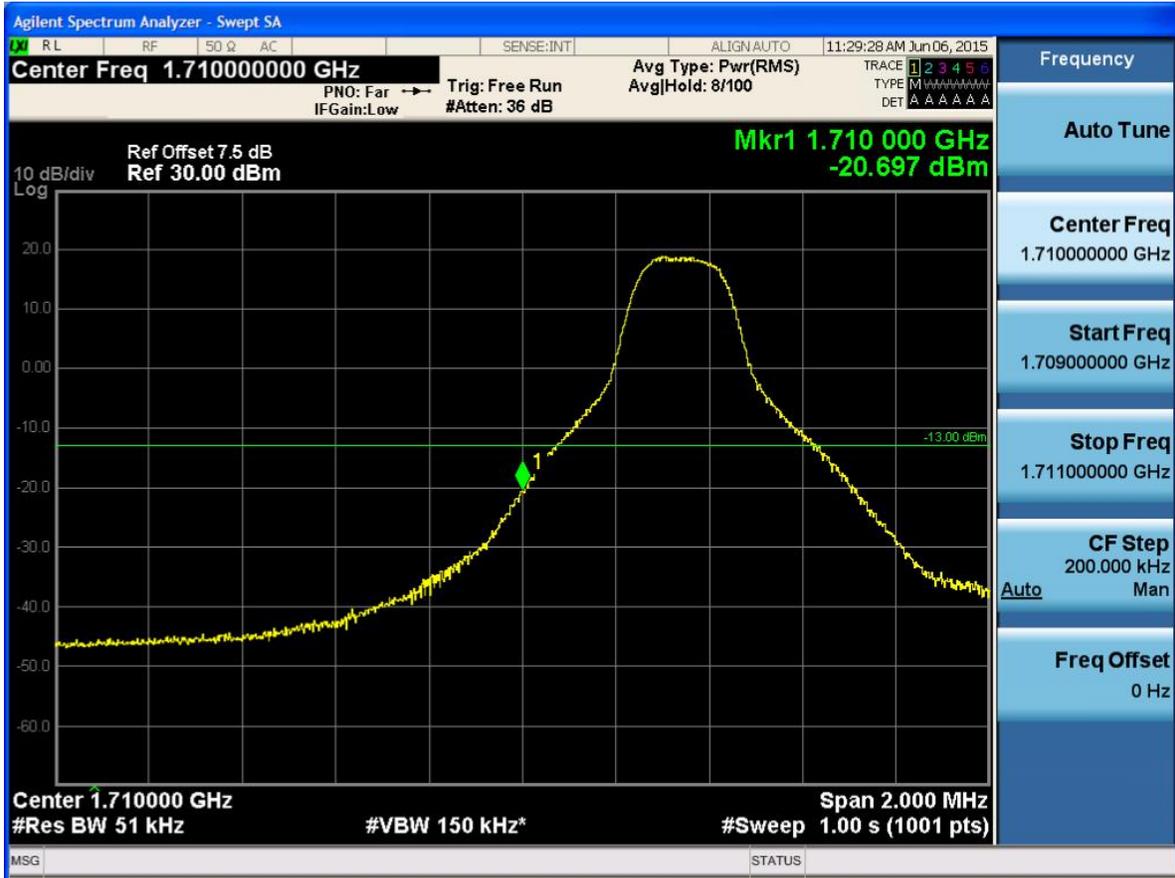




5.1.1.1.3 Test Bandwidth = 5

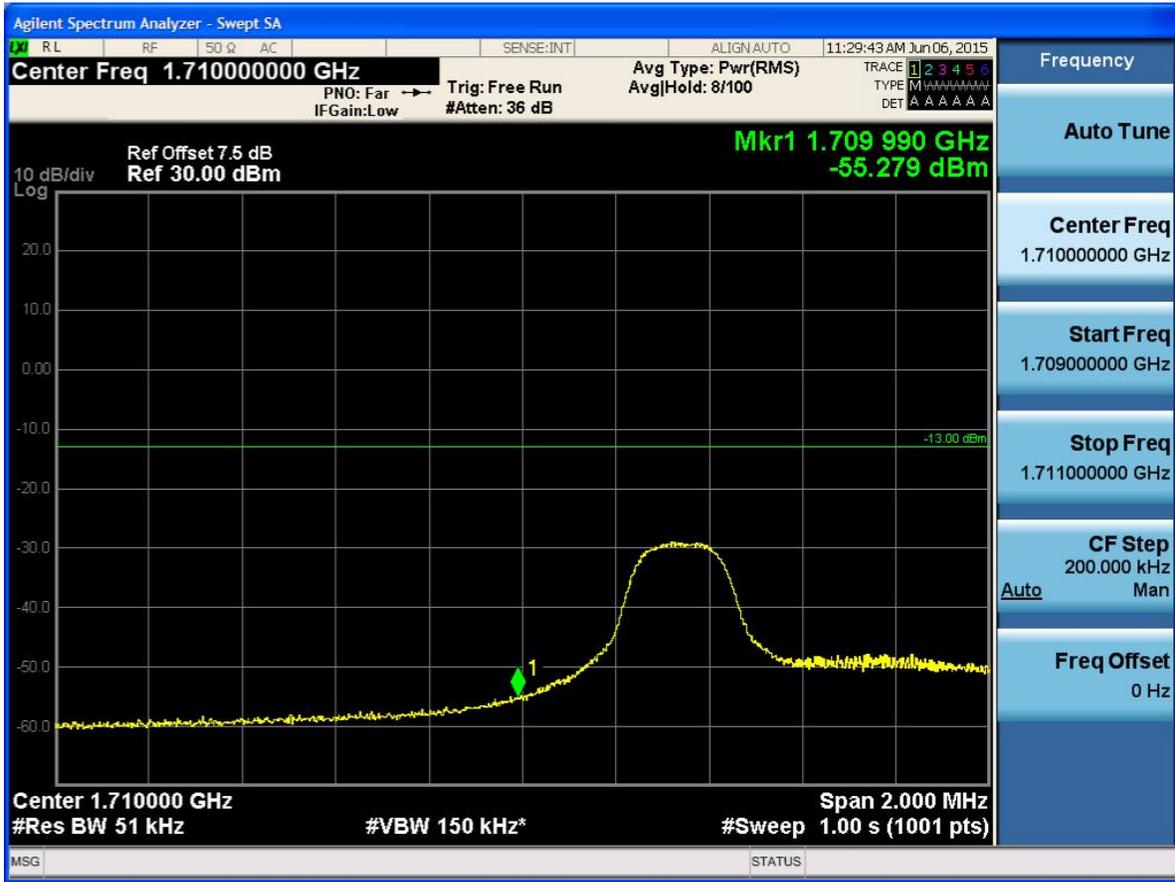
5.1.1.1.3.1 Test Channel = LCH

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





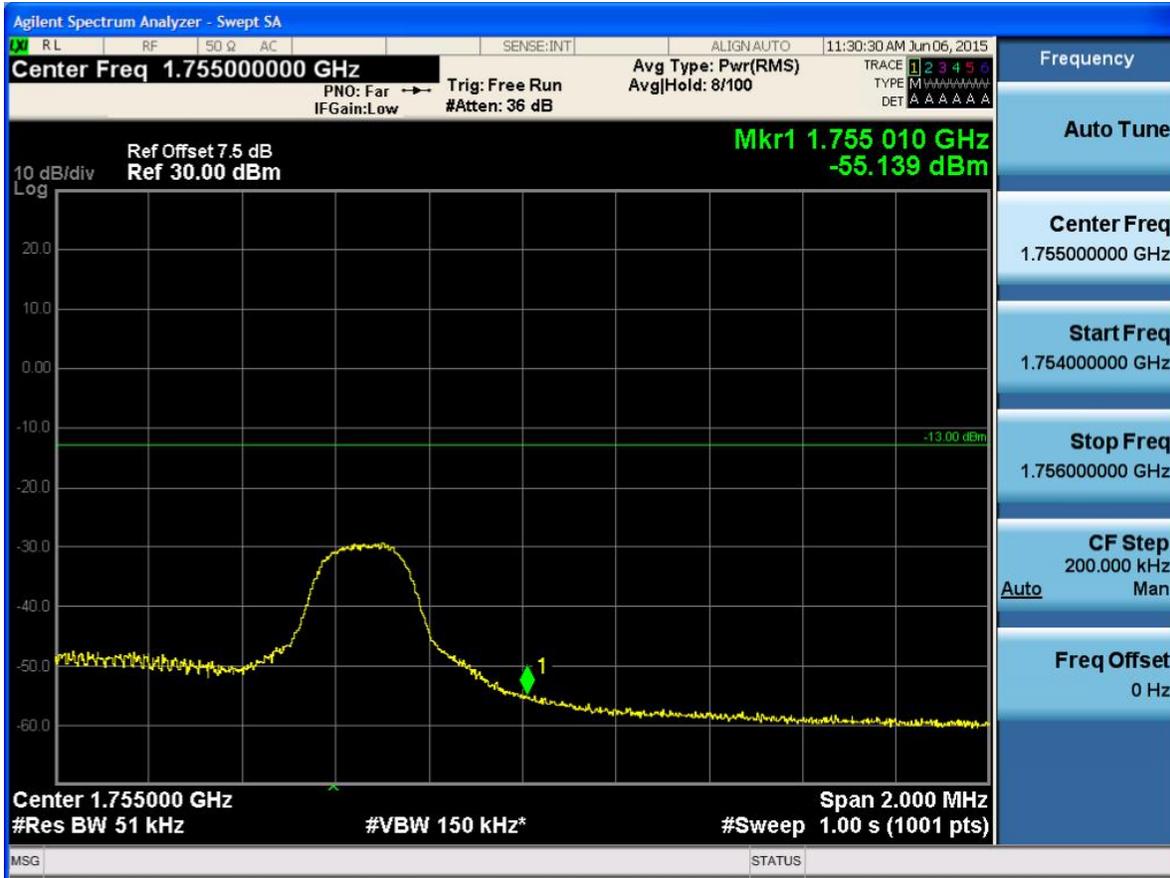
5.1.1.1.3.1.4 Test RB = RB25#0





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

