



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	21.13	20.62	33	PASS
				RB1#3	21.26	20.66	33	PASS
				RB1#5	21.19	20.74	33	PASS
				RB3#0	21.28	20.86	33	PASS
				RB3#2	21.25	20.86	33	PASS
				RB3#3	21.22	20.66	33	PASS
			RB6#0	20.26	19.81	33	PASS	
			MCH	RB1#0	21.87	21.53	33	PASS
				RB1#3	21.87	21.42	33	PASS
				RB1#5	21.79	21.25	33	PASS
				RB3#0	21.86	21.41	33	PASS
				RB3#2	21.82	21.37	33	PASS
RB3#3	21.83	21.38		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21	20.52	33	PASS
			HCH	RB1#0	21.78	21.33	33	PASS
				RB1#3	21.75	21.3	33	PASS
				RB1#5	21.61	21.16	33	PASS
				RB3#0	21.72	21.27	33	PASS
				RB3#2	21.67	21.03	33	PASS
				RB3#3	21.68	21.23	33	PASS
				RB6#0	20.81	20.36	33	PASS
		3		LCH	RB1#0	21.04	20.59	33
			RB1#7		21.44	20.99	33	PASS
			RB1#14		21.14	20.69	33	PASS
			RB8#0		20.27	19.82	33	PASS
			RB8#4		20.37	19.92	33	PASS
			RB8#7		20.41	19.8	33	PASS
			RB15#0		20.28	19.83	33	PASS
				MCH	RB1#0	21.71	21.26	33
			RB1#7		21.96	21.51	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.65	21.2	33	PASS
				RB8#0	20.97	20.52	33	PASS
				RB8#4	21.03	20.58	33	PASS
				RB8#7	20.97	20.52	33	PASS
				RB15#0	20.98	20.32	33	PASS
			HCH	RB1#0	21.71	21.04	33	PASS
				RB1#7	21.9	21.23	33	PASS
				RB1#14	21.58	20.91	33	PASS
				RB8#0	20.88	20.21	33	PASS
				RB8#4	20.85	20.18	33	PASS
				RB8#7	20.74	20.07	33	PASS
				RB15#0	20.82	20.37	33	PASS
		5	LCH	RB1#0	21.4	20.95	33	PASS
				RB1#13	21.6	21.15	33	PASS
				RB1#24	21.35	20.9	33	PASS
				RB12#0	20.42	19.97	33	PASS
				RB12#6	20.65	20.2	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.59	20.14	33	PASS
				RB25#0	20.48	20.03	33	PASS
			MCH	RB1#0	22.02	21.57	33	PASS
				RB1#13	22.02	21.57	33	PASS
				RB1#24	21.58	21.13	33	PASS
				RB12#0	21.08	20.63	33	PASS
				RB12#6	21.17	20.72	33	PASS
				RB12#13	21.01	20.56	33	PASS
				RB25#0	21.01	20.56	33	PASS
				HCH	RB1#0	21.94	21.49	33
			RB1#13		21.99	21.54	33	PASS
			RB1#24		21.42	20.97	33	PASS
			RB12#0		21.03	20.58	33	PASS
			RB12#6		21.04	20.59	33	PASS
			RB12#13		20.8	20.35	33	PASS
			RB25#0		20.92	20.47	33	PASS
		10	LCH	RB1#0	21.29	20.84	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.85	21.4	33	PASS
				RB1#49	21.67	21.22	33	PASS
				RB25#0	20.59	20.14	33	PASS
				RB25#13	20.9	20.45	33	PASS
				RB25#25	20.86	20.41	33	PASS
				RB50#0	20.72	20.27	33	PASS
			MCH	RB1#0	22	21.55	33	PASS
			MCH	RB1#25	21.99	21.54	33	PASS
			MCH	RB1#49	21.49	21.04	33	PASS
			MCH	RB25#0	21.12	20.67	33	PASS
			MCH	RB25#13	21.06	20.61	33	PASS
			MCH	RB25#25	20.86	20.41	33	PASS
			MCH	RB50#0	21	20.55	33	PASS
			HCH	RB1#0	21.98	21.53	33	PASS
			HCH	RB1#25	22.09	21.64	33	PASS
			HCH	RB1#49	21.48	21.03	33	PASS
			HCH	RB25#0	21	20.55	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB25#13	21.03	20.58	33	PASS	
				RB25#25	20.85	20.4	33	PASS	
				RB50#0	20.95	20.5	33	PASS	
		15	LCH	RB1#0	21.38	20.93	33	PASS	
				RB1#38	21.98	21.53	33	PASS	
				RB1#74	21.93	21.48	33	PASS	
				RB38#0	20.87	20.42	33	PASS	
				RB38#19	21.06	20.61	33	PASS	
				RB38#39	21.1	20.65	33	PASS	
				RB75#0	21.01	20.56	33	PASS	
				MCH	RB1#0	22.13	21.68	33	PASS
			RB1#38		22.08	21.63	33	PASS	
			RB1#74		21.75	21.3	33	PASS	
			RB38#0		21.22	20.77	33	PASS	
			RB38#19		21.21	20.76	33	PASS	
			RB38#39		21.1	20.65	33	PASS	
			RB75#0		21.05	20.6	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.01	21.56	33	PASS
				RB1#38	22.03	21.58	33	PASS
				RB1#74	21.55	21.1	33	PASS
				RB38#0	21.04	20.59	33	PASS
				RB38#19	21.1	20.65	33	PASS
				RB38#39	20.98	20.53	33	PASS
				RB75#0	21.01	20.56	33	PASS
		20	LCH	RB1#0	21.44	20.99	33	PASS
				RB1#50	22	21.55	33	PASS
				RB1#99	21.72	21.27	33	PASS
				RB50#0	20.9	20.45	33	PASS
				RB50#25	21.04	20.59	33	PASS
				RB50#50	20.92	20.47	33	PASS
				RB100#0	20.91	20.46	33	PASS
				MCH	RB1#0	22.02	21.57	33
RB1#50	21.88	21.43	33		PASS			
RB1#99	21.72	21.27	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.1	20.65	33	PASS
				RB50#25	21.12	20.67	33	PASS
				RB50#50	21.08	20.63	33	PASS
				RB100#0	21.09	20.64	33	PASS
			HCH	RB1#0	21.76	21.31	33	PASS
				RB1#50	22.03	21.58	33	PASS
				RB1#99	21.49	21.04	33	PASS
				RB50#0	21.14	20.69	33	PASS
	RB50#25	21.04	20.59	33	PASS			
	RB50#50	20.95	20.5	33	PASS			
	RB100#0	21.05	20.6	33	PASS			
	LTE/TM2	1.4	LCH	RB1#0	20.37	19.92	33	PASS
				RB1#3	20.44	19.99	33	PASS
				RB1#5	20.4	19.95	33	PASS
RB3#0				20.28	19.83	33	PASS	
RB3#2				20.26	19.81	33	PASS	
RB3#3				20.29	19.84	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.33	19.88	33	PASS
			MCH	RB1#0	20.96	20.51	33	PASS
				RB1#3	20.94	20.49	33	PASS
				RB1#5	20.86	20.41	33	PASS
				RB3#0	20.97	20.52	33	PASS
				RB3#2	21	20.55	33	PASS
				RB3#3	21.1	20.65	33	PASS
				RB6#0	21.02	20.57	33	PASS
				HCH	RB1#0	21	20.55	33
			RB1#3		20.97	20.52	33	PASS
			RB1#5		20.85	20.43	33	PASS
			RB3#0		20.7	20.31	33	PASS
			RB3#2		20.66	20.3	33	PASS
			RB3#3		20.6	20.15	33	PASS
			RB6#0		20.7	20.25	33	PASS
		3	LCH		RB1#0	20.08	19.63	33
				RB1#7	20.51	20.06	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	20.3	19.85	33	PASS
				RB8#0	20.32	19.87	33	PASS
				RB8#4	20.5	20.05	33	PASS
				RB8#7	20.46	20.01	33	PASS
				RB15#0	20.2	19.75	33	PASS
			MCH	RB1#0	20.69	20.24	33	PASS
				RB1#7	20.94	20.49	33	PASS
				RB1#14	20.89	20.44	33	PASS
				RB8#0	20.98	20.53	33	PASS
				RB8#4	21	20.55	33	PASS
				RB8#7	20.96	20.51	33	PASS
				RB15#0	20.91	20.46	33	PASS
			HCH	RB1#0	20.65	20.2	33	PASS
				RB1#7	20.75	20.3	33	PASS
				RB1#14	20.39	19.94	33	PASS
				RB8#0	20.76	20.31	33	PASS
				RB8#4	20.78	20.33	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.6	20.15	33	PASS
				RB15#0	20.75	20.3	33	PASS
		5	LCH	RB1#0	20.5	20.05	33	PASS
				RB1#13	20.52	20.07	33	PASS
				RB1#24	20.59	20.14	33	PASS
				RB12#0	20.47	20.02	33	PASS
				RB12#6	20.65	20.2	33	PASS
				RB12#13	20.59	20.14	33	PASS
				RB25#0	20.46	20.01	33	PASS
				MCH	RB1#0	21.06	20.61	33
		RB1#13	21.15		20.7	33	PASS	
		RB1#24	20.7		20.25	33	PASS	
		RB12#0	21.05		20.6	33	PASS	
		RB12#6	21.12		20.67	33	PASS	
		RB12#13	20.9		20.45	33	PASS	
HCH	RB25#0	20.93	20.29	33	PASS			
	RB1#0	21.29	20.84	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.29	20.83	33	PASS
				RB1#24	20.74	20.07	33	PASS
				RB12#0	20.94	20.49	33	PASS
				RB12#6	20.97	20.52	33	PASS
				RB12#13	20.72	20.27	33	PASS
				RB25#0	20.86	20.41	33	PASS
		10	LCH	RB1#0	20.5	20.05	33	PASS
				RB1#25	21.03	20.58	33	PASS
				RB1#49	20.69	20.24	33	PASS
				RB25#0	20.49	20.04	33	PASS
				RB25#13	20.8	20.35	33	PASS
				RB25#25	20.75	20.3	33	PASS
				RB50#0	20.63	20.18	33	PASS
				MCH	RB1#0	21.17	20.72	33
		RB1#25	21.26		20.81	33	PASS	
		RB1#49	20.66		20.21	33	PASS	
		RB25#0	21.08		20.63	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.01	20.56	33	PASS
				RB25#25	20.82	20.37	33	PASS
				RB50#0	20.96	20.51	33	PASS
			HCH	RB1#0	21	20.55	33	PASS
			HCH	RB1#25	21.08	20.63	33	PASS
			HCH	RB1#49	20.55	20.1	33	PASS
			HCH	RB25#0	20.91	20.46	33	PASS
			HCH	RB25#13	20.94	20.49	33	PASS
			HCH	RB25#25	20.77	20.32	33	PASS
			HCH	RB50#0	20.95	20.5	33	PASS
		15	LCH	RB1#0	20.52	20.07	33	PASS
		15	LCH	RB1#38	21.01	20.56	33	PASS
		15	LCH	RB1#74	20.89	20.44	33	PASS
		15	LCH	RB38#0	20.83	20.38	33	PASS
		15	LCH	RB38#19	21	20.55	33	PASS
		15	LCH	RB38#39	21.02	20.57	33	PASS
		15	LCH	RB75#0	20.94	20.49	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.33	20.88	33	PASS
				RB1#38	21.3	20.85	33	PASS
				RB1#74	20.91	20.46	33	PASS
				RB38#0	21.13	20.68	33	PASS
				RB38#19	21.1	20.42	33	PASS
				RB38#39	21	20.55	33	PASS
				RB75#0	21	20.55	33	PASS
			HCH	RB1#0	21.28	20.59	33	PASS
				RB1#38	21.17	20.72	33	PASS
				RB1#74	20.82	20.37	33	PASS
				RB38#0	21.02	20.57	33	PASS
				RB38#19	21.03	20.58	33	PASS
				RB38#39	20.96	20.51	33	PASS
				RB75#0	20.98	20.53	33	PASS
		20	LCH	RB1#0	20.76	20.31	33	PASS
RB1#50	21.35			20.9	33	PASS		
RB1#99	21.01			20.56	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.82	20.37	33	PASS
				RB50#25	20.94	20.49	33	PASS
				RB50#50	20.81	20.36	33	PASS
				RB100#0	20.83	20.38	33	PASS
			MCH	RB1#0	21.34	20.89	33	PASS
				RB1#50	21.38	20.93	33	PASS
				RB1#99	21.08	20.63	33	PASS
				RB50#0	21	20.55	33	PASS
				RB50#25	21.01	20.56	33	PASS
				RB50#50	20.97	20.52	33	PASS
				RB100#0	21	20.55	33	PASS
				HCH	RB1#0	21	20.55	33
			RB1#50		21.09	20.64	33	PASS
			RB1#99		20.75	20.07	33	PASS
			RB50#0		21.05	20.6	33	PASS
			RB50#25		20.99	20.54	33	PASS
			RB50#50		20.9	20.45	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.04	20.59	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP = Signal Generator Level

Note2:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

$$\text{SET VBW} \geq 3 * \text{RBW}$$

SET Sweep time = auto - couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.76	13	PASS
				RB1#3	4.75	13	PASS
				RB1#5	4.72	13	PASS
				RB3#0	5	13	PASS
				RB3#2	5.28	13	PASS
				RB3#3	5.27	13	PASS
			RB6#0	5.76	13	PASS	
			MCH	RB1#0	4.26	13	PASS
				RB1#3	4.23	13	PASS
				RB1#5	4.39	13	PASS
				RB3#0	4.57	13	PASS
				RB3#2	4.57	13	PASS
				RB3#3	4.63	13	PASS
			HCH	RB6#0	5.34	13	PASS
				RB1#0	4.68	13	PASS
				RB1#3	4.72	13	PASS
				RB1#5	4.72	13	PASS
				RB3#0	4.99	13	PASS
		RB3#2		4.93	13	PASS	
		3	LCH	RB3#3	5.01	13	PASS
				RB6#0	5.26	13	PASS
				RB1#0	4.92	13	PASS
				RB1#7	4.38	13	PASS
				RB1#14	4.69	13	PASS
				RB8#0	5.36	13	PASS
			MCH	RB8#4	5.87	13	PASS
				RB8#7	5.86	13	PASS
RB15#0	5.9			13	PASS		
			MCH	RB1#0	4.26	13	PASS
			MCH	RB1#7	4.04	13	PASS
			MCH	RB1#14	4.48	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	5.25	13	PASS	
				RB8#4	5.33	13	PASS	
				RB8#7	5.21	13	PASS	
				RB15#0	5.7	13	PASS	
			HCH	RB1#0	4.7	13	PASS	
				RB1#7	4.3	13	PASS	
				RB1#14	4.79	13	PASS	
				RB8#0	5.33	13	PASS	
				RB8#4	5.28	13	PASS	
				RB8#7	5.35	13	PASS	
			RB15#0	5.62	13	PASS		
			5	LCH	RB1#0	4.85	13	PASS
					RB1#13	4.89	13	PASS
					RB1#24	4.95	13	PASS
		RB12#0			5.87	13	PASS	
		RB12#6			5.86	13	PASS	
		RB12#13			5.82	13	PASS	
		RB25#0		6.04	13	PASS		
		MCH		RB1#0	4.31	13	PASS	
				RB1#13	4.2	13	PASS	
				RB1#24	4.68	13	PASS	
				RB12#0	5.33	13	PASS	
				RB12#6	5.16	13	PASS	
			RB12#13	5.37	13	PASS		
		RB25#0	5.76	13	PASS			
		HCH	RB1#0	4.7	13	PASS		
			RB1#13	4.71	13	PASS		
			RB1#24	4.93	13	PASS		
			RB12#0	5.48	13	PASS		
			RB12#6	5.4	13	PASS		
			RB12#13	5.45	13	PASS		
		RB25#0	5.63	13	PASS			
10	LCH	RB1#0	4.9	13	PASS			
		RB1#25	4.97	13	PASS			
		RB1#49	4.79	13	PASS			
		RB25#0	6	13	PASS			
		RB25#13	5.94	13	PASS			
		RB25#25	5.91	13	PASS			
		RB50#0	5.98	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	4.32	13	PASS
				RB1#25	4.17	13	PASS
				RB1#49	4.43	13	PASS
				RB25#0	5.47	13	PASS
				RB25#13	5.45	13	PASS
				RB25#25	5.58	13	PASS
				RB50#0	5.85	13	PASS
			HCH	RB1#0	4.61	13	PASS
				RB1#25	4.52	13	PASS
				RB1#49	4.75	13	PASS
				RB25#0	5.53	13	PASS
				RB25#13	5.64	13	PASS
				RB25#25	5.64	13	PASS
				RB50#0	6.01	13	PASS
		15	LCH	RB1#0	5.1	13	PASS
				RB1#38	5	13	PASS
				RB1#74	4.71	13	PASS
				RB38#0	5.96	13	PASS
				RB38#19	6.05	13	PASS
				RB38#39	5.57	13	PASS
				RB75#0	6.26	13	PASS
			MCH	RB1#0	4.31	13	PASS
				RB1#38	4.05	13	PASS
				RB1#74	4.35	13	PASS
				RB38#0	5.41	13	PASS
				RB38#19	5.4	13	PASS
				RB38#39	5.44	13	PASS
				RB75#0	6.03	13	PASS
		HCH	RB1#0	4.48	13	PASS	
			RB1#38	4.54	13	PASS	
			RB1#74	4.73	13	PASS	
			RB38#0	5.66	13	PASS	
RB38#19	5.68		13	PASS			
RB38#39	5.67		13	PASS			
RB75#0	6.08		13	PASS			
20	LCH	RB1#0	5.09	13	PASS		
		RB1#50	4.93	13	PASS		
		RB1#99	4.61	13	PASS		
		RB50#0	6.18	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#25	5.87	13	PASS	
				RB50#50	5.85	13	PASS	
				RB100#0	6.13	13	PASS	
			MCH	RB1#0	4.88	13	PASS	
				RB1#50	4.39	13	PASS	
				RB1#99	4.76	13	PASS	
				RB50#0	5.6	13	PASS	
				RB50#25	5.47	13	PASS	
				RB50#50	5.39	13	PASS	
				RB100#0	5.97	13	PASS	
				HCH	RB1#0	4.87	13	PASS
					RB1#50	4.89	13	PASS
			RB1#99		5.35	13	PASS	
			RB50#0		5.65	13	PASS	
			RB50#25		5.64	13	PASS	
			RB50#50		5.71	13	PASS	
			RB100#0	6.05	13	PASS		
					1.4	LCH	RB1#0	5.32
	RB1#3	5.73					13	PASS
	RB1#5	5.76					13	PASS
	RB3#0	5.7					13	PASS
	RB3#2	5.65					13	PASS
	RB3#3	5.66					13	PASS
	RB6#0	6.03				13	PASS	
	MCH	RB1#0				5.13	13	PASS
		RB1#3				5.15	13	PASS
		RB1#5				5.02	13	PASS
		RB3#0				5.33	13	PASS
		RB3#2				5.29	13	PASS
		RB3#3	5.37	13	PASS			
RB6#0	5.74	13	PASS					
HCH	RB1#0	5.52	13	PASS				
	RB1#3	5.72	13	PASS				
	RB1#5	5.1	13	PASS				
	RB3#0	5.44	13	PASS				
	RB3#2	5.52	13	PASS				
	RB3#3	5.53	13	PASS				
RB6#0	5.89	13	PASS					
		3	LCH	RB1#0	5.43	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#7	5.56	13	PASS	
				RB1#14	5.74	13	PASS	
				RB8#0	5.76	13	PASS	
				RB8#4	6.08	13	PASS	
				RB8#7	6.05	13	PASS	
				RB15#0	6.7	13	PASS	
			MCH	RB1#0	5.39	13	PASS	
				RB1#7	4.74	13	PASS	
				RB1#14	5.36	13	PASS	
				RB8#0	5.58	13	PASS	
				RB8#4	5.41	13	PASS	
				RB8#7	5.53	13	PASS	
			HCH	RB15#0	6.05	13	PASS	
				RB1#0	5.44	13	PASS	
				RB1#7	5.16	13	PASS	
				RB1#14	5.64	13	PASS	
				RB8#0	5.75	13	PASS	
				RB8#4	5.74	13	PASS	
		5	LCH		RB8#7	5.6	13	PASS
					RB15#0	6.11	13	PASS
					RB1#0	5.76	13	PASS
					RB1#13	6.22	13	PASS
					RB1#24	5.78	13	PASS
					RB12#0	6.33	13	PASS
			MCH	RB12#6	6.28	13	PASS	
				RB12#13	6.23	13	PASS	
				RB25#0	6.67	13	PASS	
				RB1#0	5.22	13	PASS	
				RB1#13	5.16	13	PASS	
				RB1#24	5.44	13	PASS	
HCH	RB12#0	5.64	13	PASS				
	RB12#6	5.43	13	PASS				
	RB12#13	5.66	13	PASS				
	RB25#0	6.12	13	PASS				
	RB12#0	5.69	13	PASS				
				RB12#6	5.71	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#13	5.77	13	PASS
				RB25#0	6.21	13	PASS
		10	LCH	RB1#0	5.77	13	PASS
				RB1#25	5.69	13	PASS
				RB1#49	5.42	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.43	13	PASS
				RB25#25	6.34	13	PASS
				RB50#0	6.96	13	PASS
				MCH	RB1#0	5.18	13
			RB1#25		4.99	13	PASS
			RB1#49		5.29	13	PASS
			RB25#0		5.7	13	PASS
			RB25#13		5.63	13	PASS
			RB25#25		5.77	13	PASS
			RB50#0		6.24	13	PASS
			HCH	RB1#0	5.32	13	PASS
				RB1#25	5.33	13	PASS
				RB1#49	5.54	13	PASS
				RB25#0	5.91	13	PASS
				RB25#13	5.94	13	PASS
				RB25#25	5.92	13	PASS
				RB50#0	6.29	13	PASS
		15	LCH	RB1#0	5.94	13	PASS
				RB1#38	5.81	13	PASS
				RB1#74	5.44	13	PASS
				RB38#0	6.43	13	PASS
				RB38#19	6.42	13	PASS
				RB38#39	5.91	13	PASS
				RB75#0	7.02	13	PASS
			MCH	RB1#0	5.37	13	PASS
				RB1#38	5.09	13	PASS
RB1#74	5.31			13	PASS		
RB38#0	5.85			13	PASS		
RB38#19	5.58			13	PASS		
RB38#39	5.69	13		PASS			
HCH	RB1#0	5.32	13	PASS			
	RB1#38	5.59	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20		RB1#74	5.61	13	PASS
				RB38#0	5.88	13	PASS
				RB38#19	5.86	13	PASS
				RB38#39	5.88	13	PASS
				RB75#0	6.65	13	PASS
			LCH	RB1#0	5.98	13	PASS
				RB1#50	5.82	13	PASS
				RB1#99	5.46	13	PASS
				RB50#0	6.55	13	PASS
				RB50#25	6.15	13	PASS
				RB50#50	6.2	13	PASS
				RB100#0	6.68	13	PASS
			MCH	RB1#0	5.65	13	PASS
				RB1#50	4.94	13	PASS
				RB1#99	5.52	13	PASS
		RB50#0		5.87	13	PASS	
		RB50#25		5.69	13	PASS	
		RB50#50		5.69	13	PASS	
		RB100#0		6.27	13	PASS	
		HCH	RB1#0	5.31	13	PASS	
			RB1#50	5.35	13	PASS	
			RB1#99	5.64	13	PASS	
			RB50#0	5.93	13	PASS	
			RB50#25	5.96	13	PASS	
			RB50#50	6	13	PASS	
			RB100#0	6.38	13	PASS	

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

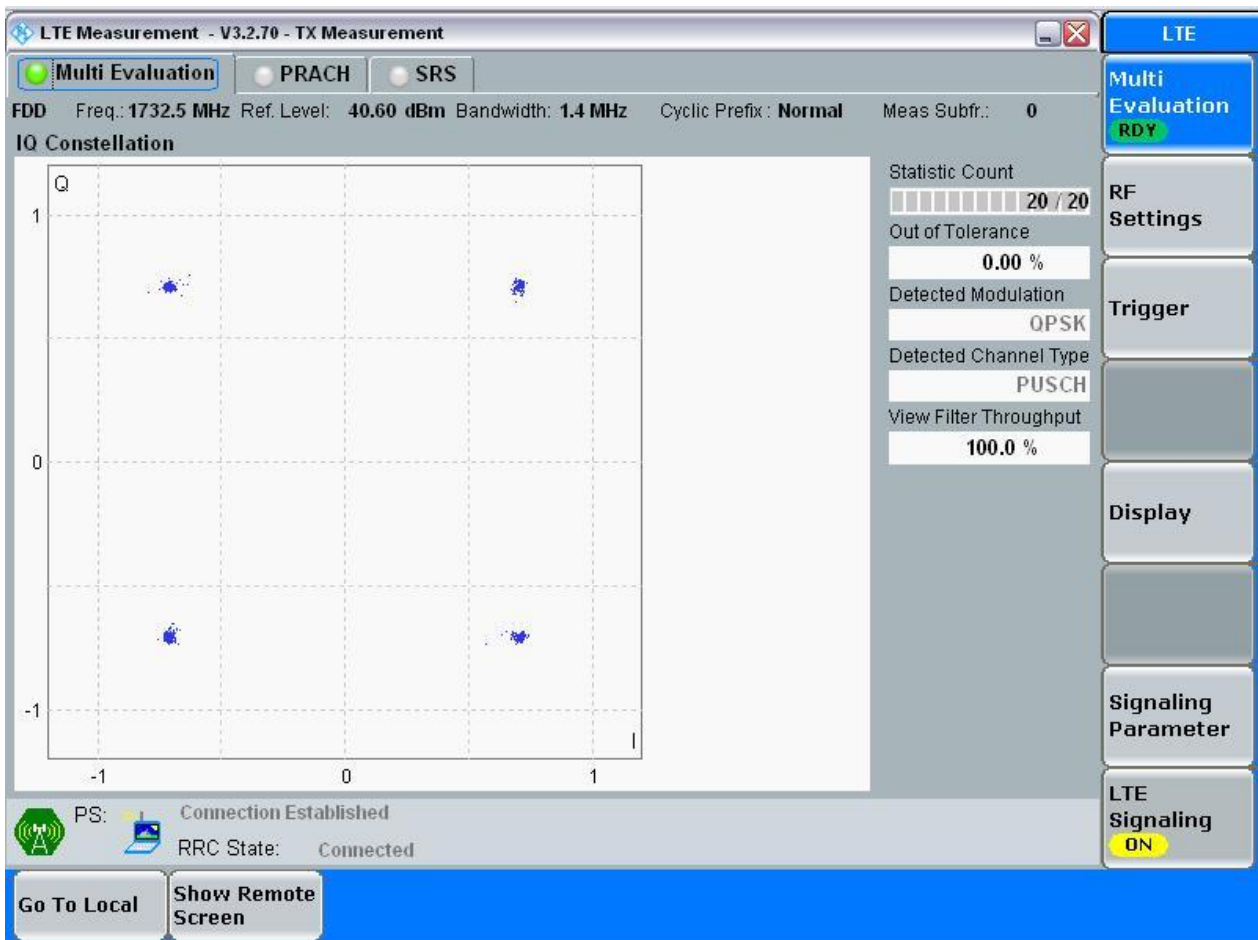
3.1.1 Test Band = BAND4

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

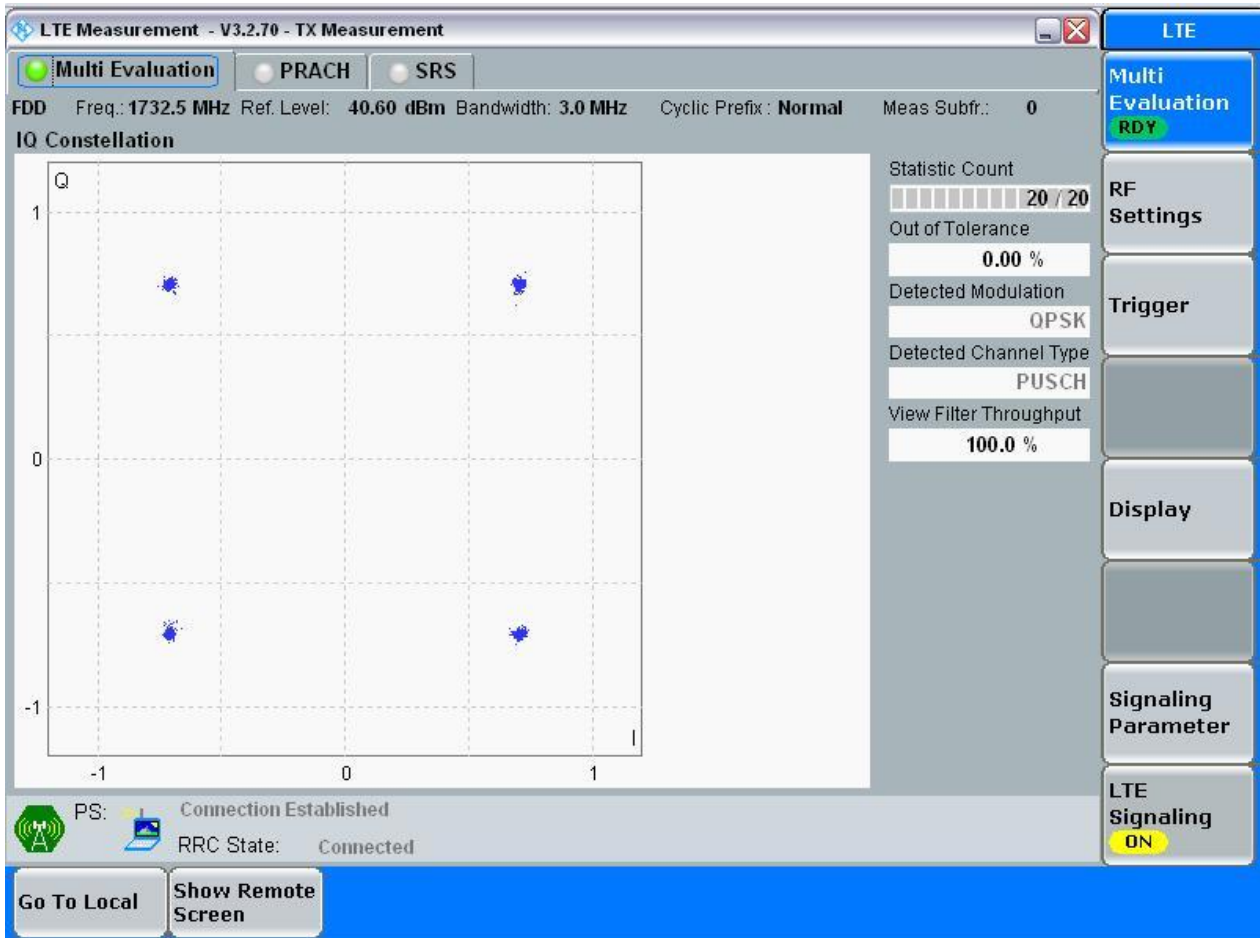
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

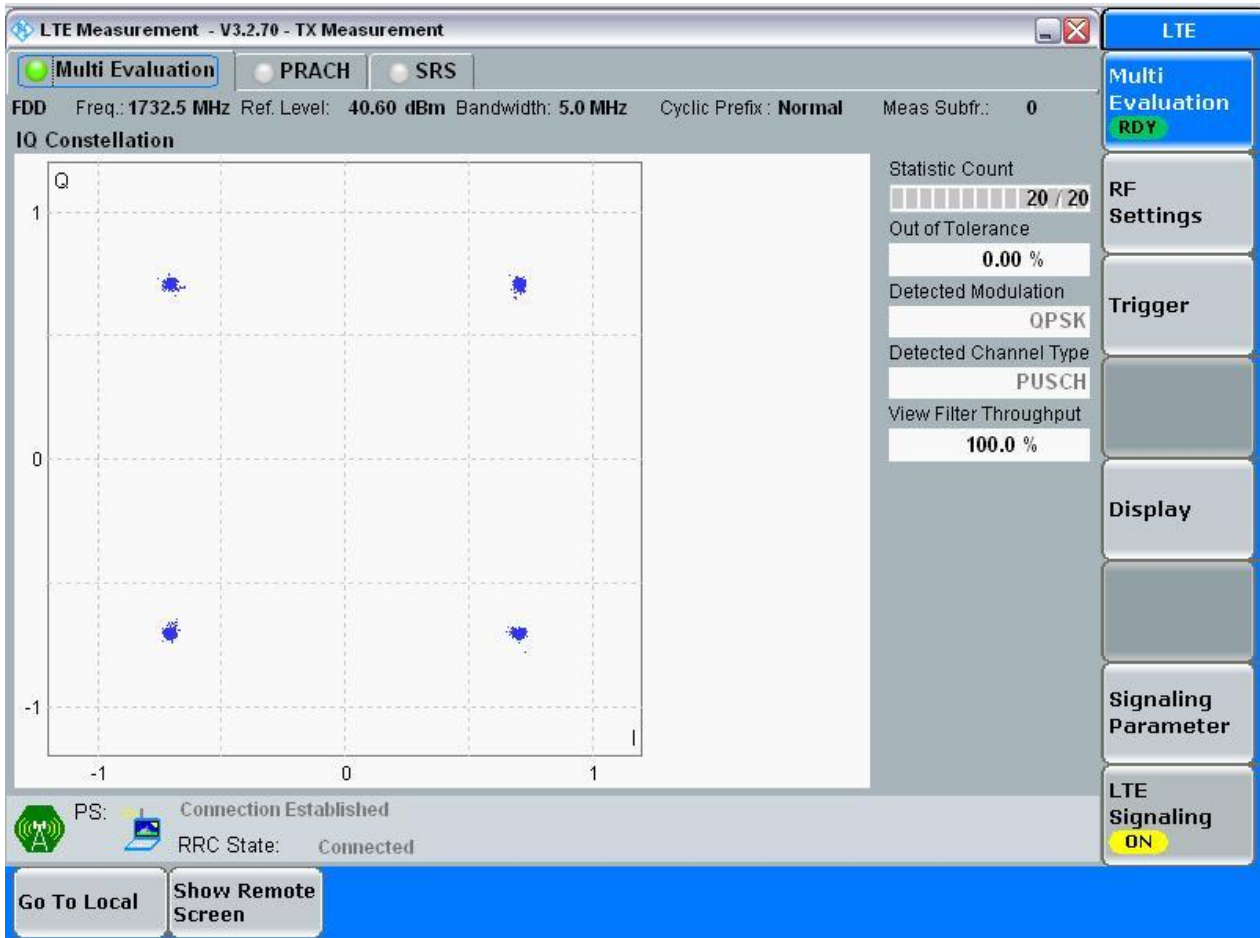
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

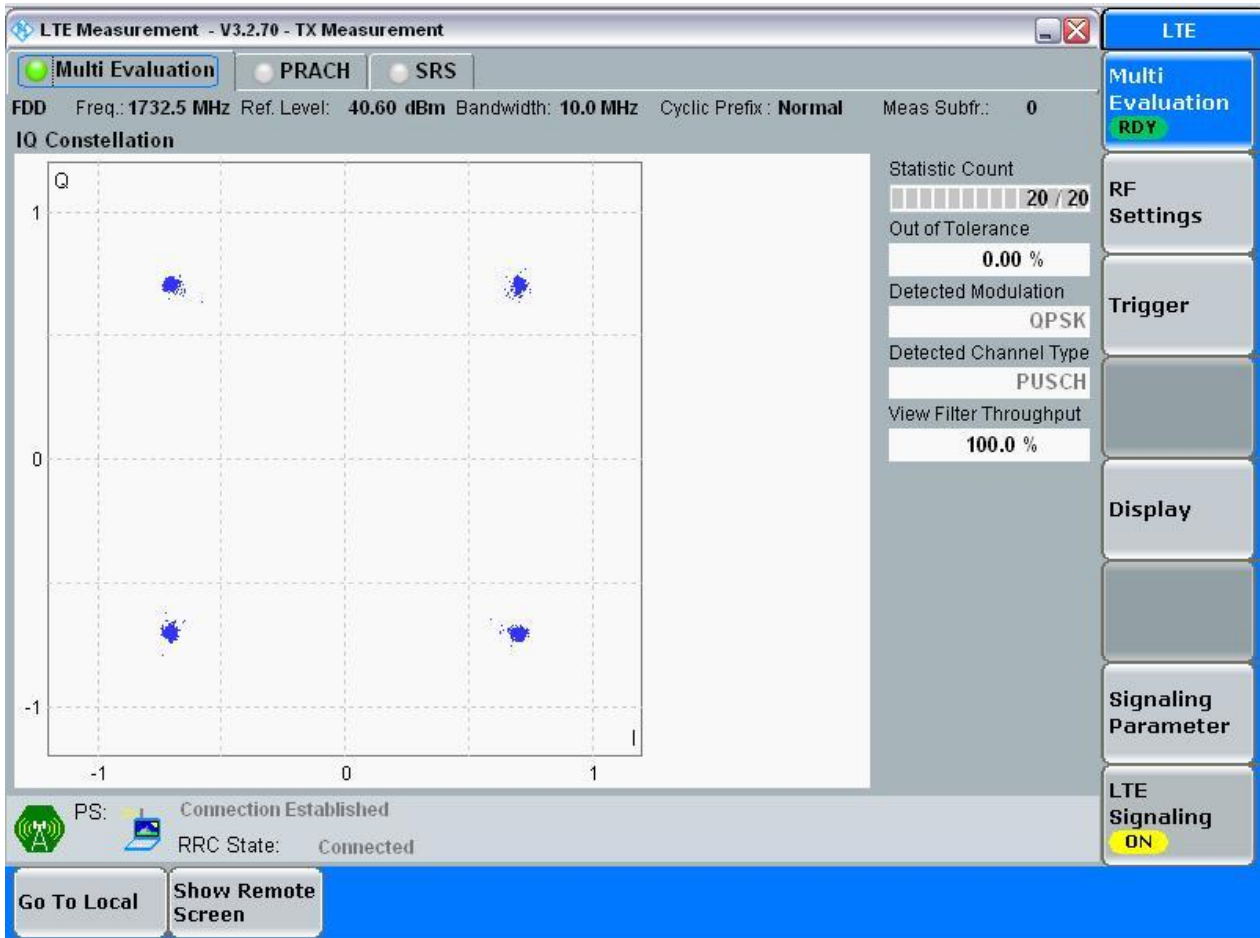
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

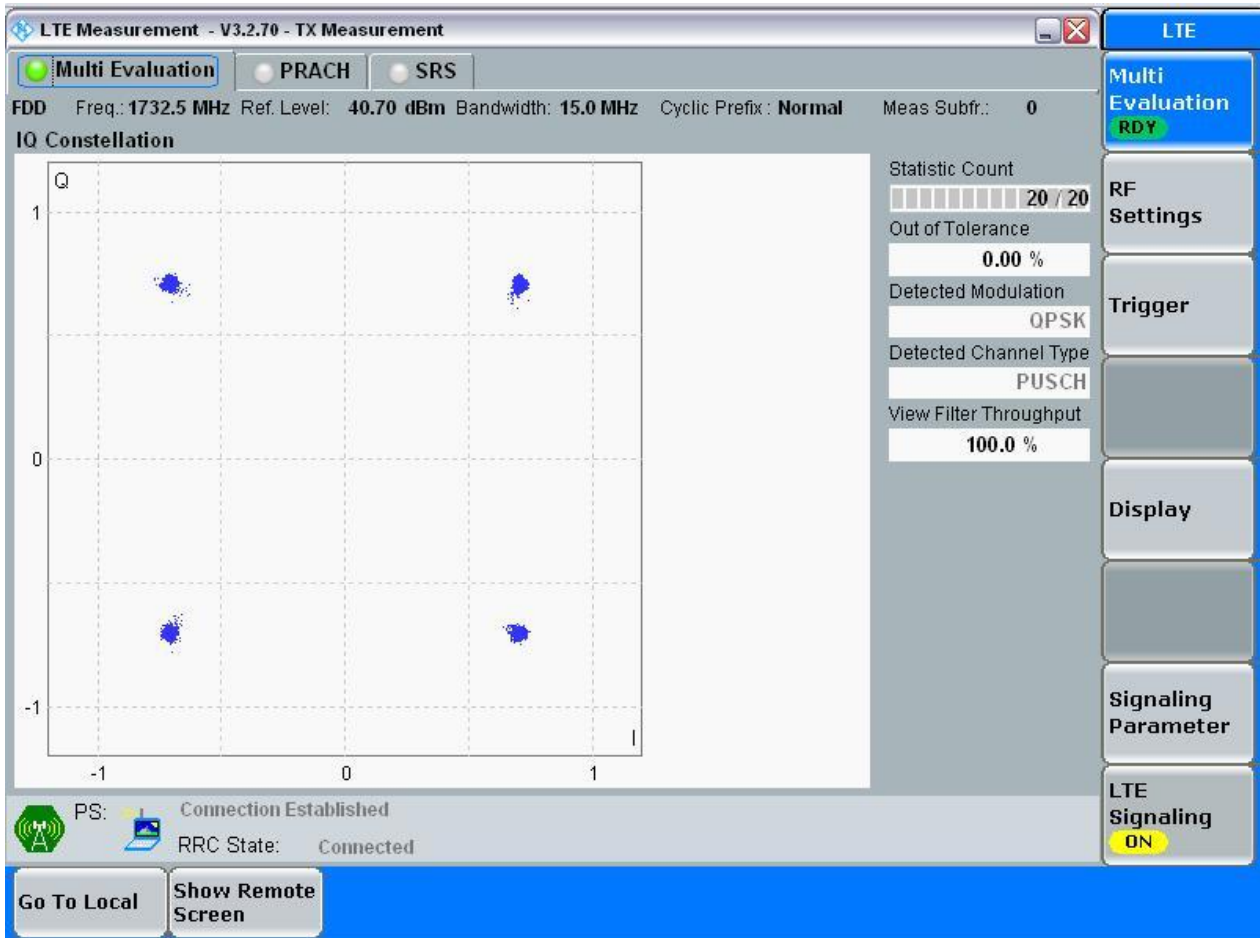
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

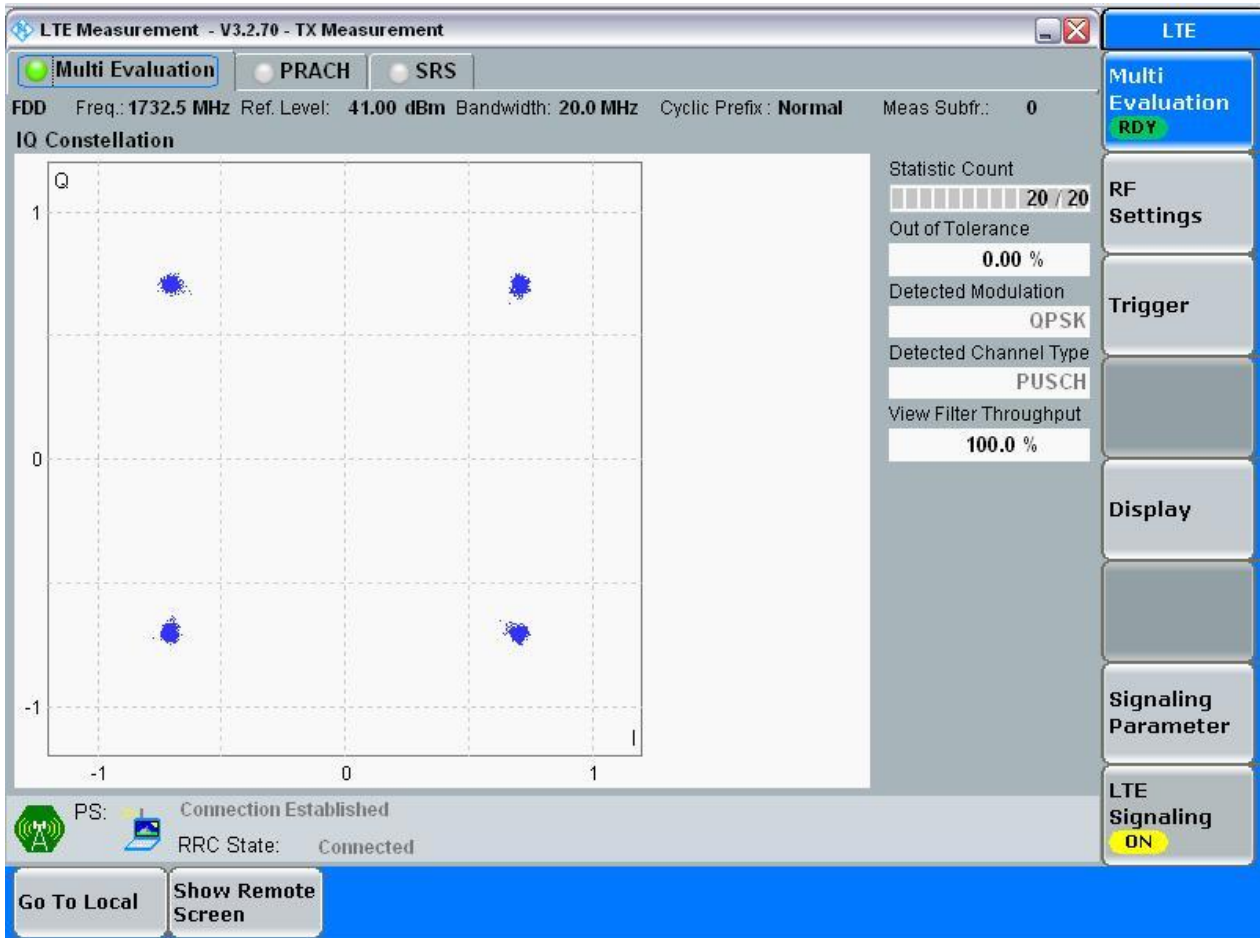
3.1.1.1.5.1.1 Test RB = RB75#0



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

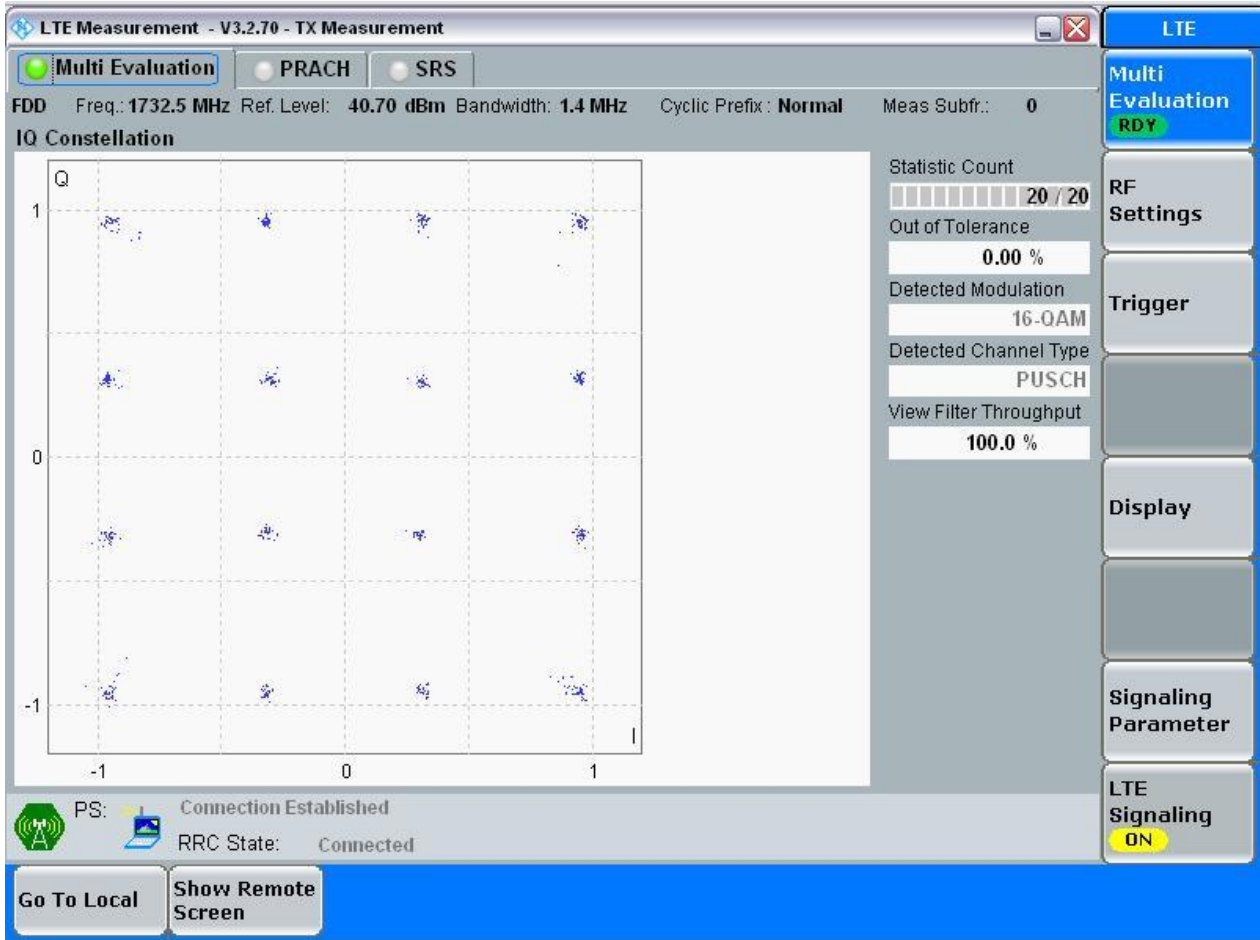


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

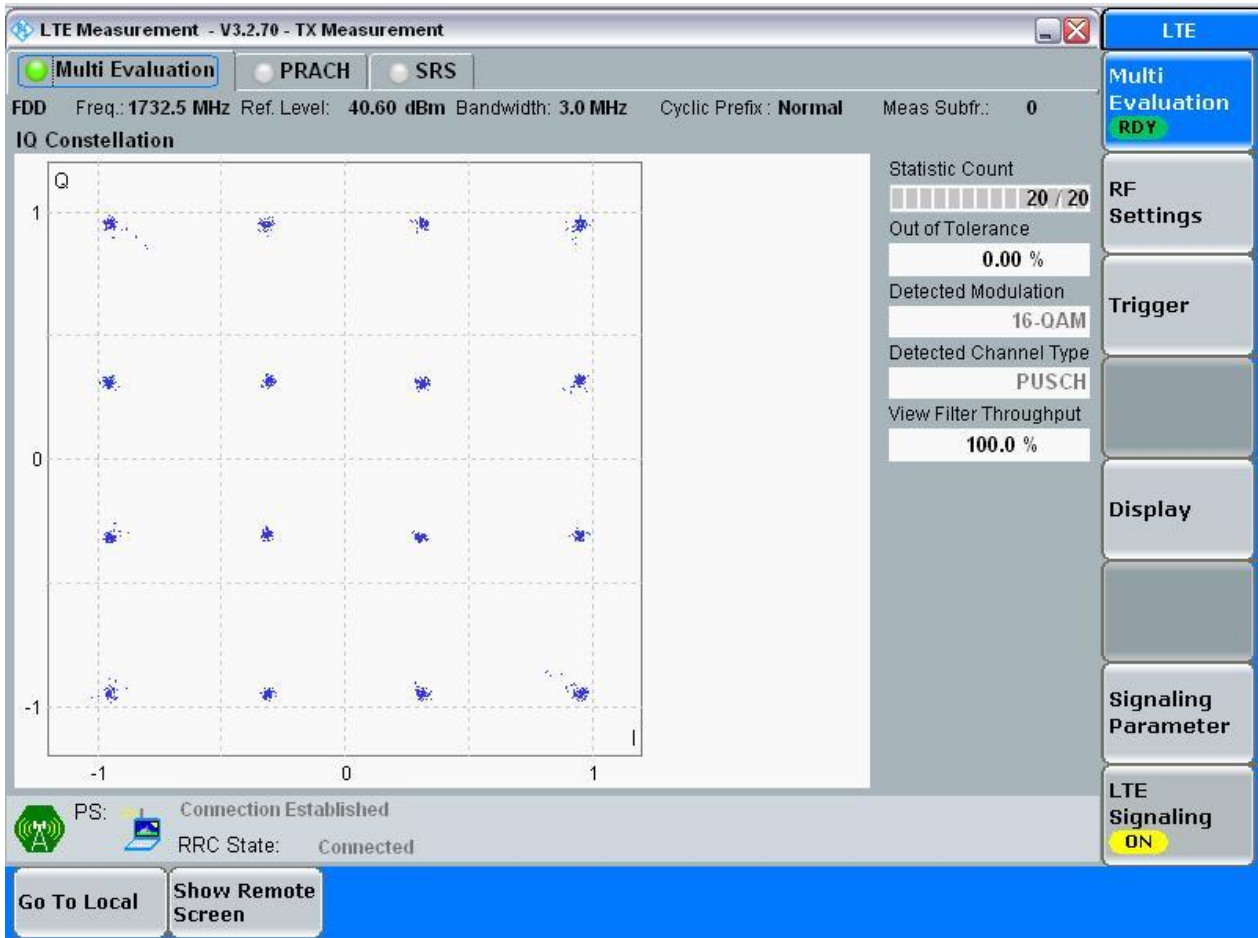
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

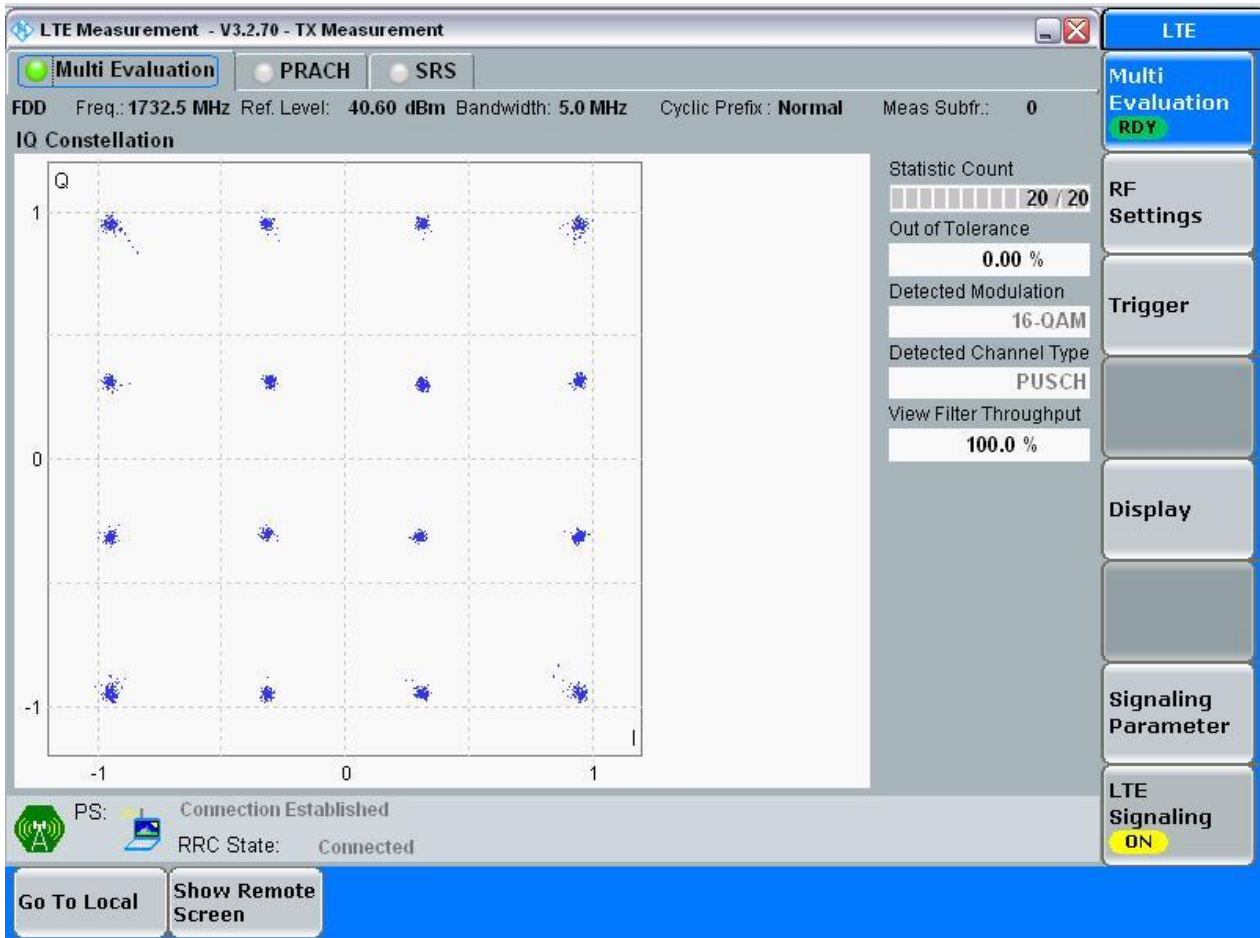
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

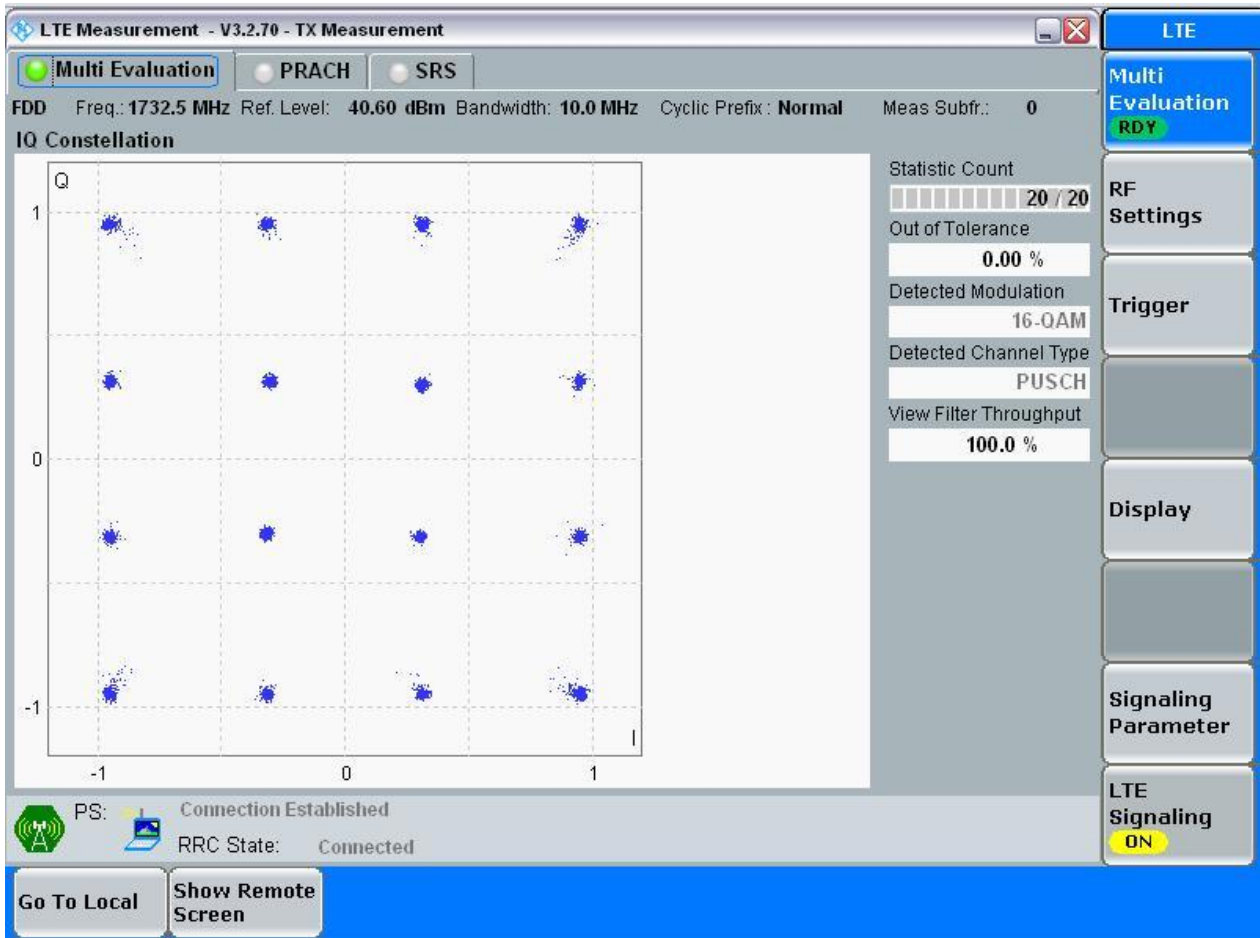
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

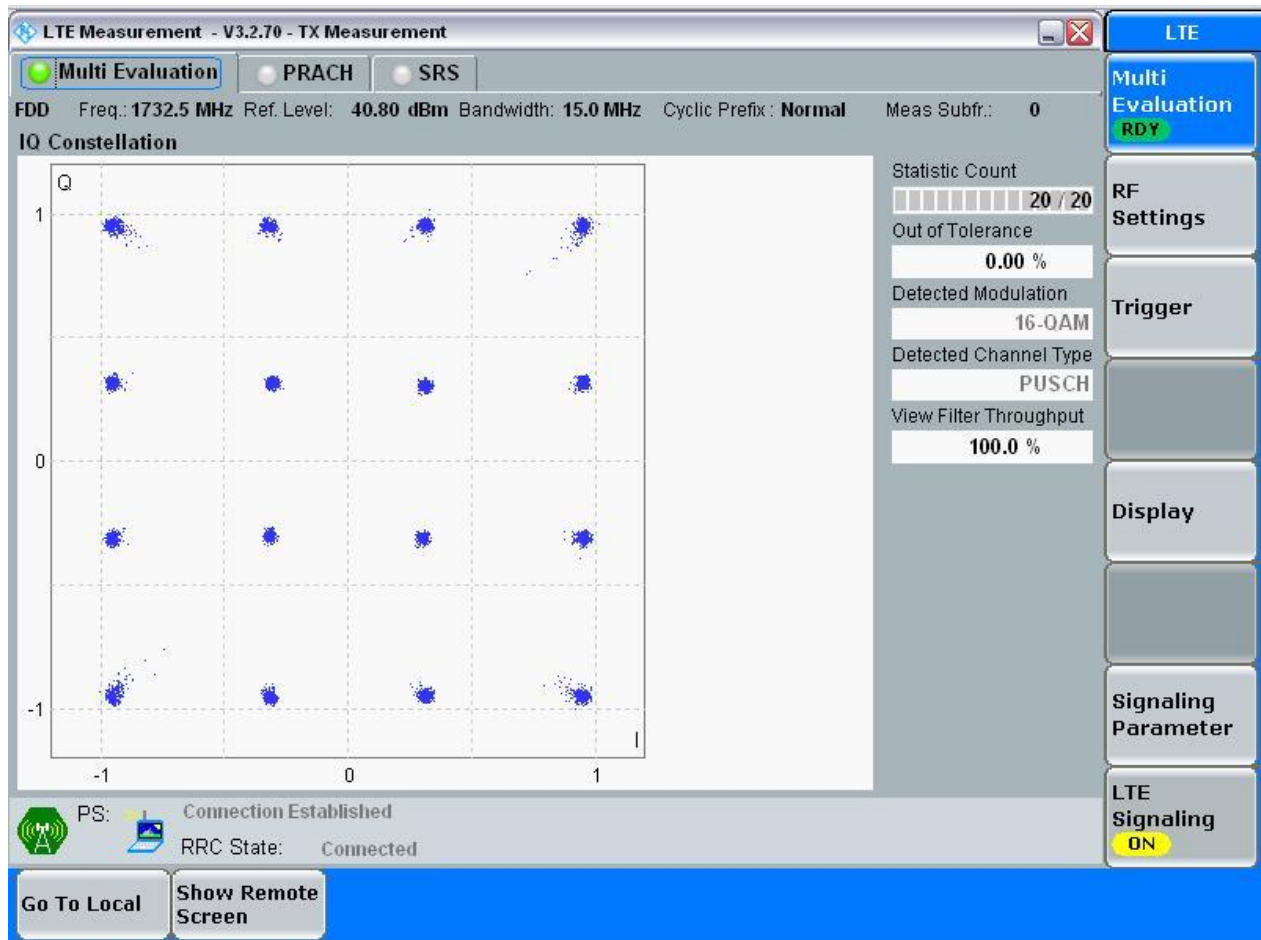
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

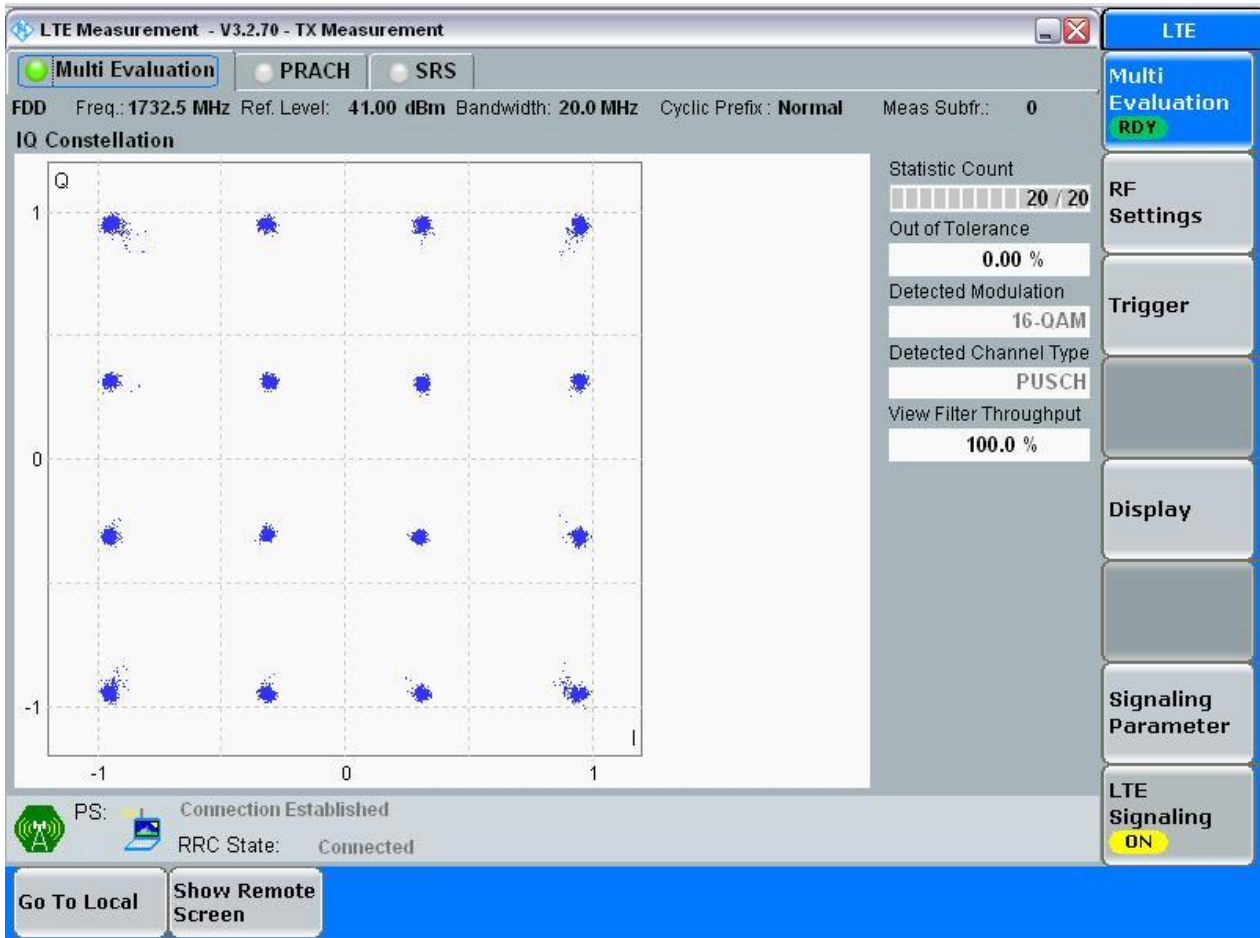
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	9.00	9.92	Pass
			MCH	RB50#0	8.98	9.89	Pass
			HCH	RB50#0	9.00	9.92	Pass
		15	LCH	RB75#0	13.50	15.03	Pass
			MCH	RB75#0	13.49	15.03	Pass
			HCH	RB75#0	13.51	15.03	Pass
		20	LCH	RB100#0	17.99	19.80	Pass
			MCH	RB100#0	17.98	19.69	Pass
			HCH	RB100#0	18.01	19.77	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.72	3.00	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.99	Pass
			MCH	RB25#0	4.53	5.00	Pass
			HCH	RB25#0	4.52	4.99	Pass
10		LCH	RB50#0	9.01	9.97	Pass	
		MCH	RB50#0	8.97	9.95	Pass	
		HCH	RB50#0	9.00	9.95	Pass	
15		LCH	RB75#0	13.48	15.05	Pass	
		MCH	RB75#0	13.51	15.03	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB75#0	13.50	15.02	Pass
		20	LCH	RB100#0	17.99	19.96	Pass
			MCH	RB100#0	17.92	19.81	Pass
			HCH	RB100#0	18.01	19.93	Pass



Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = BAND7

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth =

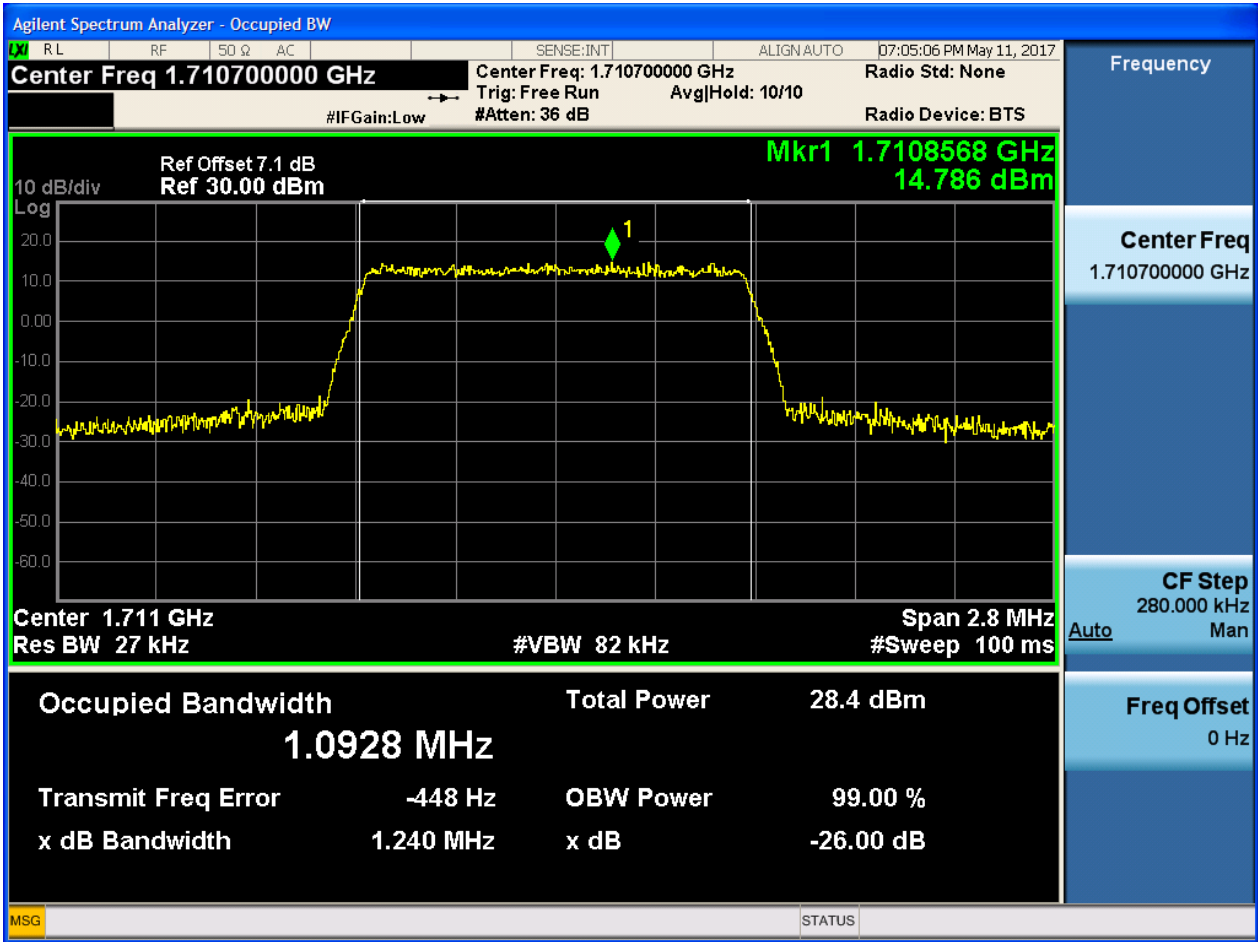
4.1.2 Test Band = BAND4

4.1.2.1 Test Mode = LTE/TM1

4.1.2.1.1 Test Bandwidth = 1.4

4.1.2.1.1.1 Test Channel = LCH

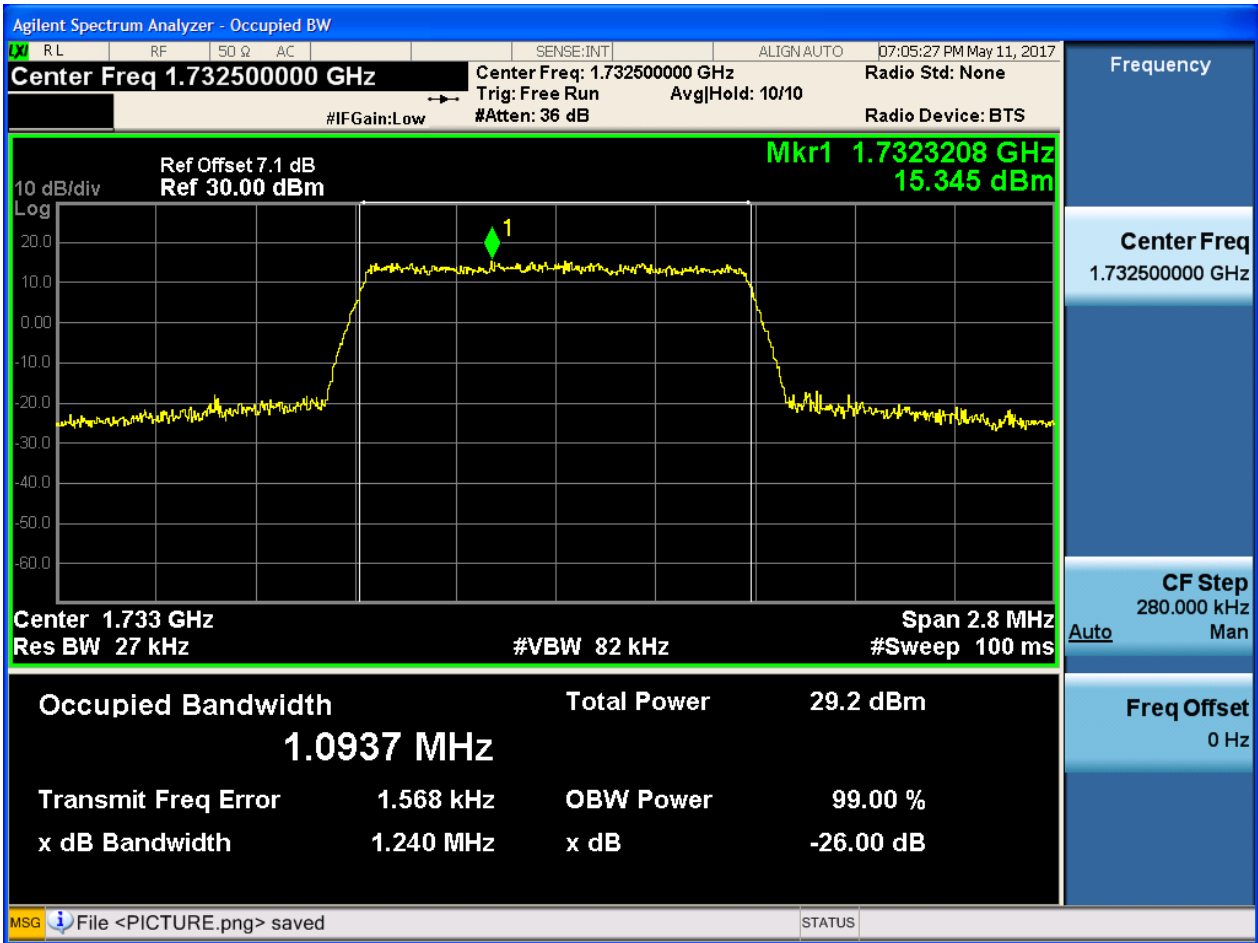
4.1.2.1.1.1.1 Test RB = RB6#0





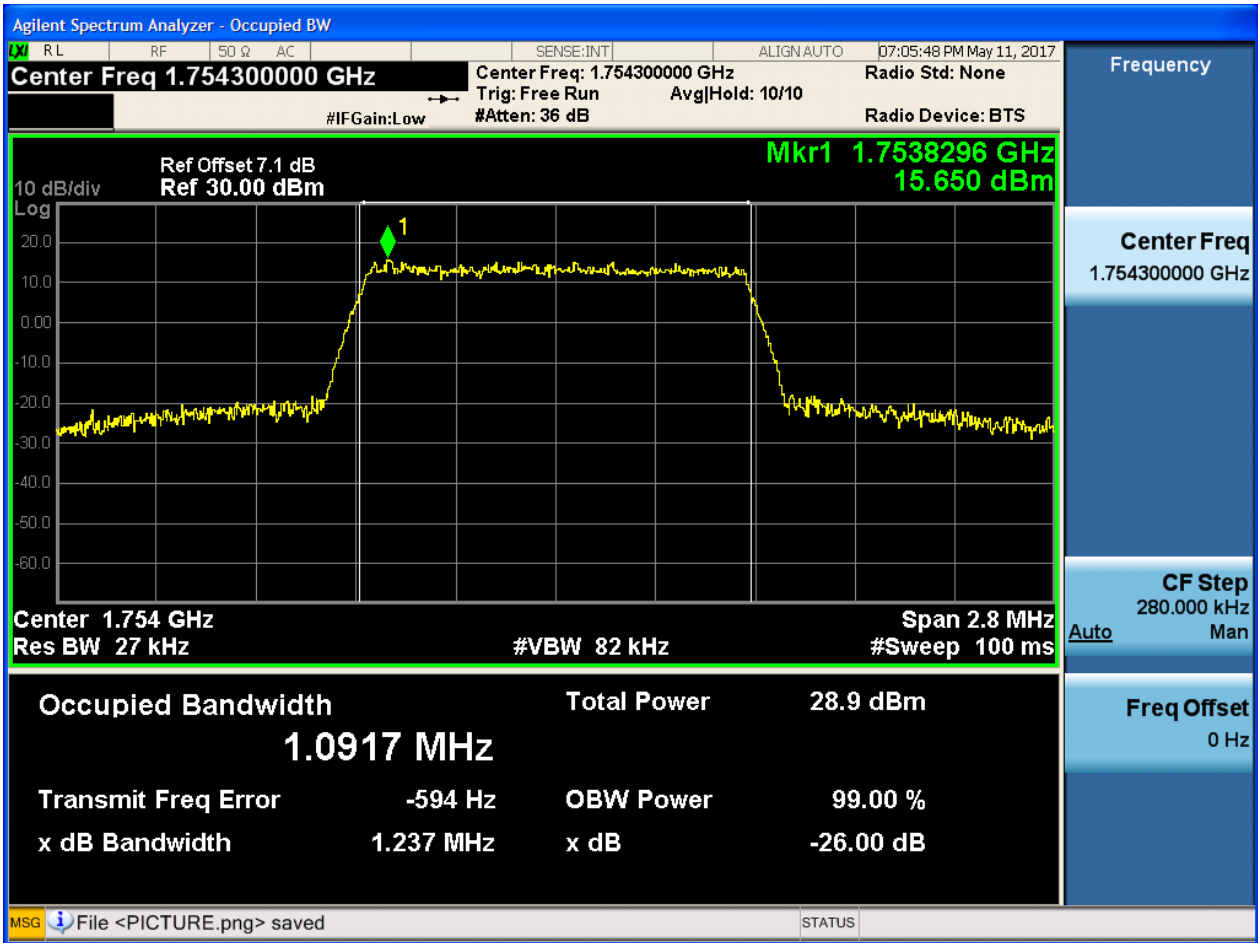
4.1.2.1.1.2 Test Channel = MCH

4.1.2.1.1.2.1 Test RB = RB6#0



4.1.2.1.1.3 Test Channel = HCH

4.1.2.1.1.3.1 Test RB = RB6#0

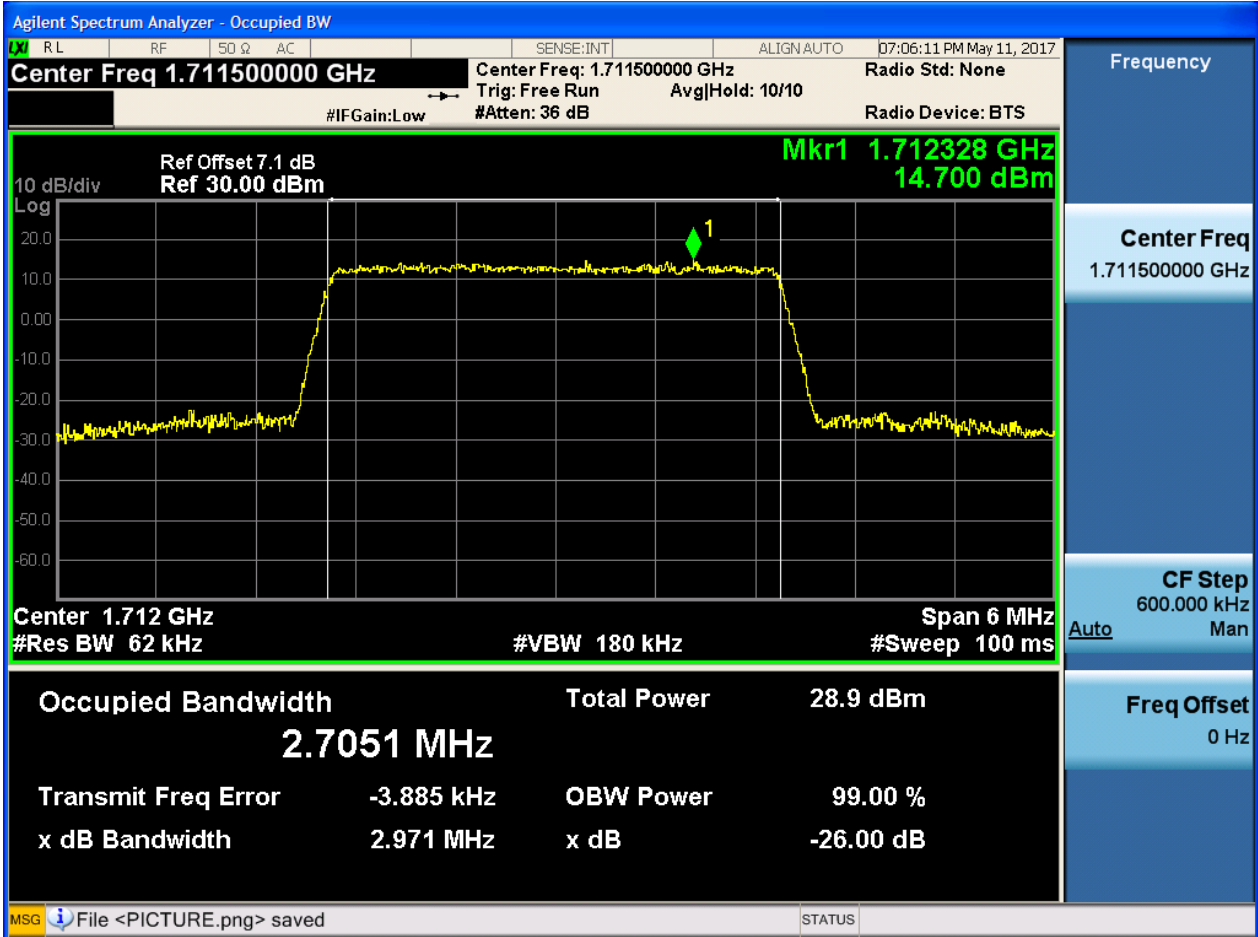




4.1.2.1.2 Test Bandwidth = 3

4.1.2.1.2.1 Test Channel = LCH

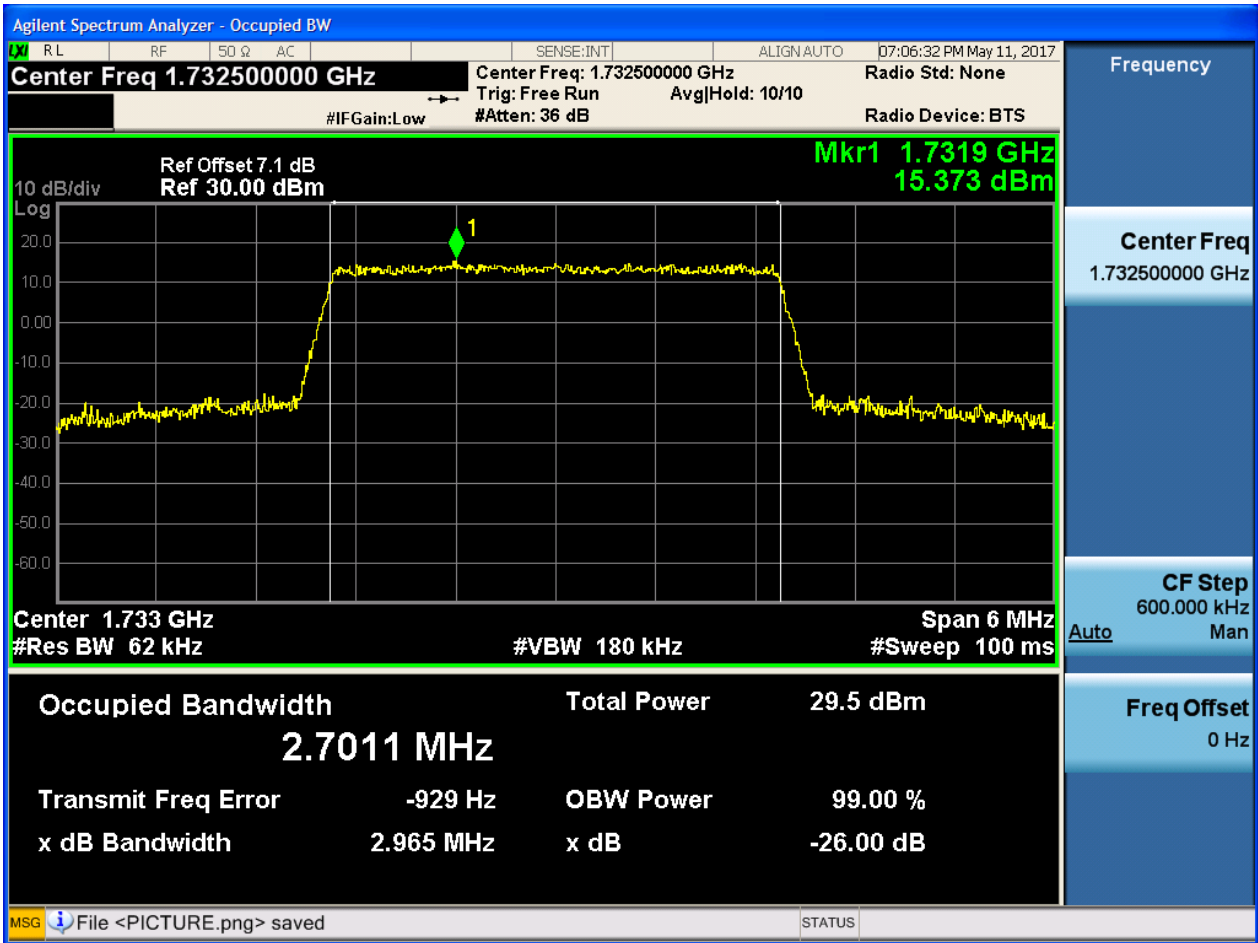
4.1.2.1.2.1.1 Test RB = RB15#0





4.1.2.1.2.2 Test Channel = MCH

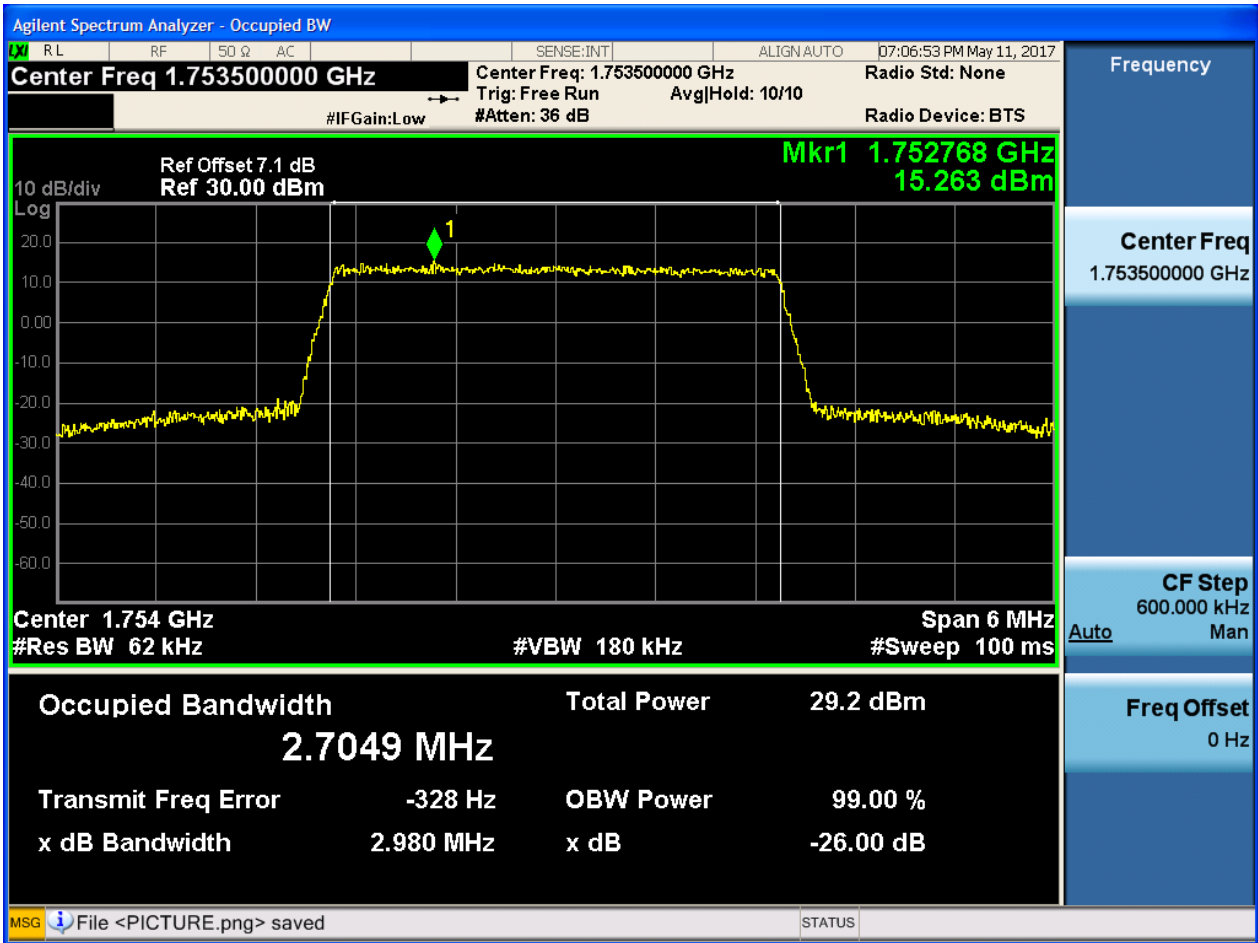
4.1.2.1.2.2.1 Test RB = RB15#0





4.1.2.1.2.3 Test Channel = HCH

4.1.2.1.2.3.1 Test RB = RB15#0

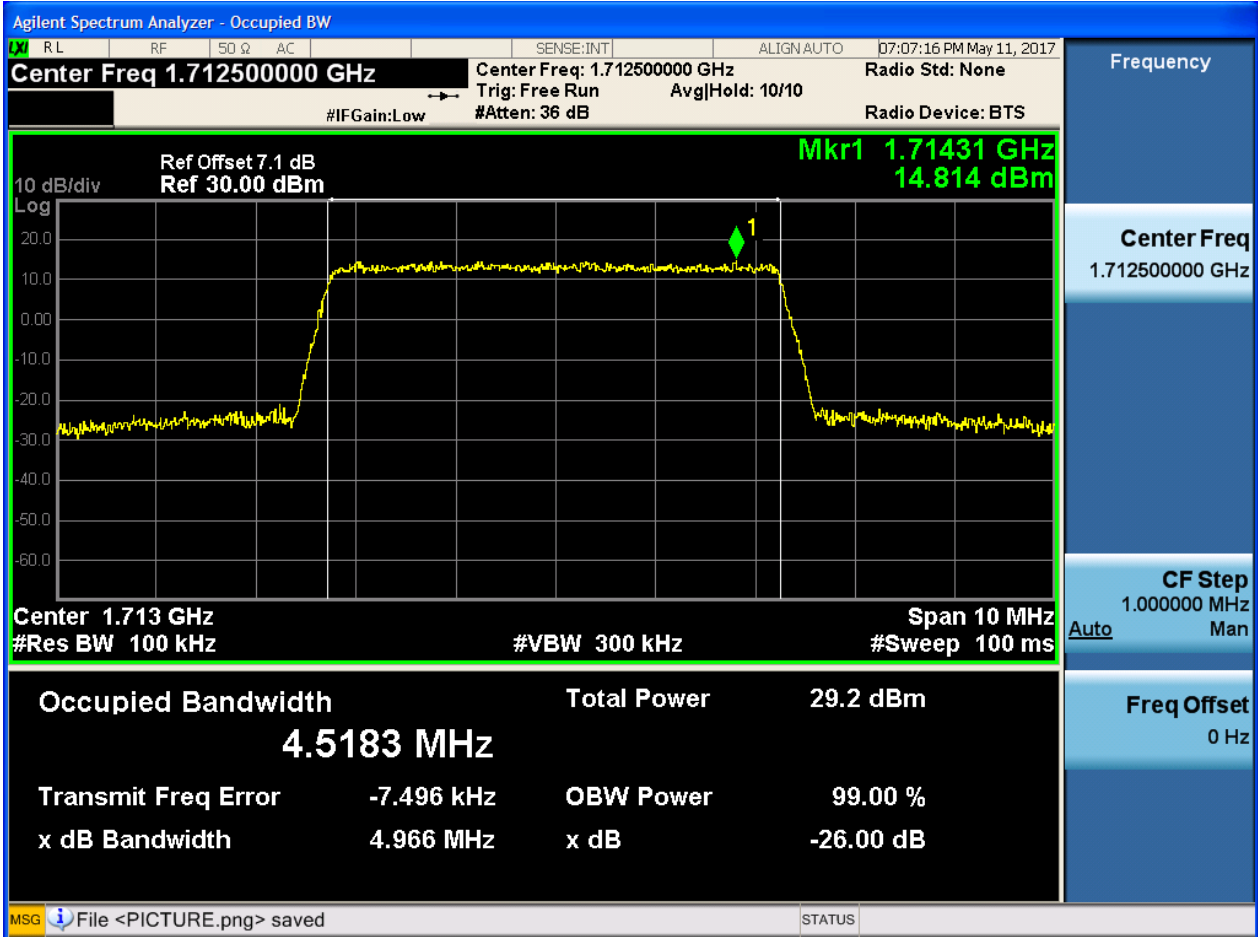




4.1.2.1.3 Test Bandwidth = 5

4.1.2.1.3.1 Test Channel = LCH

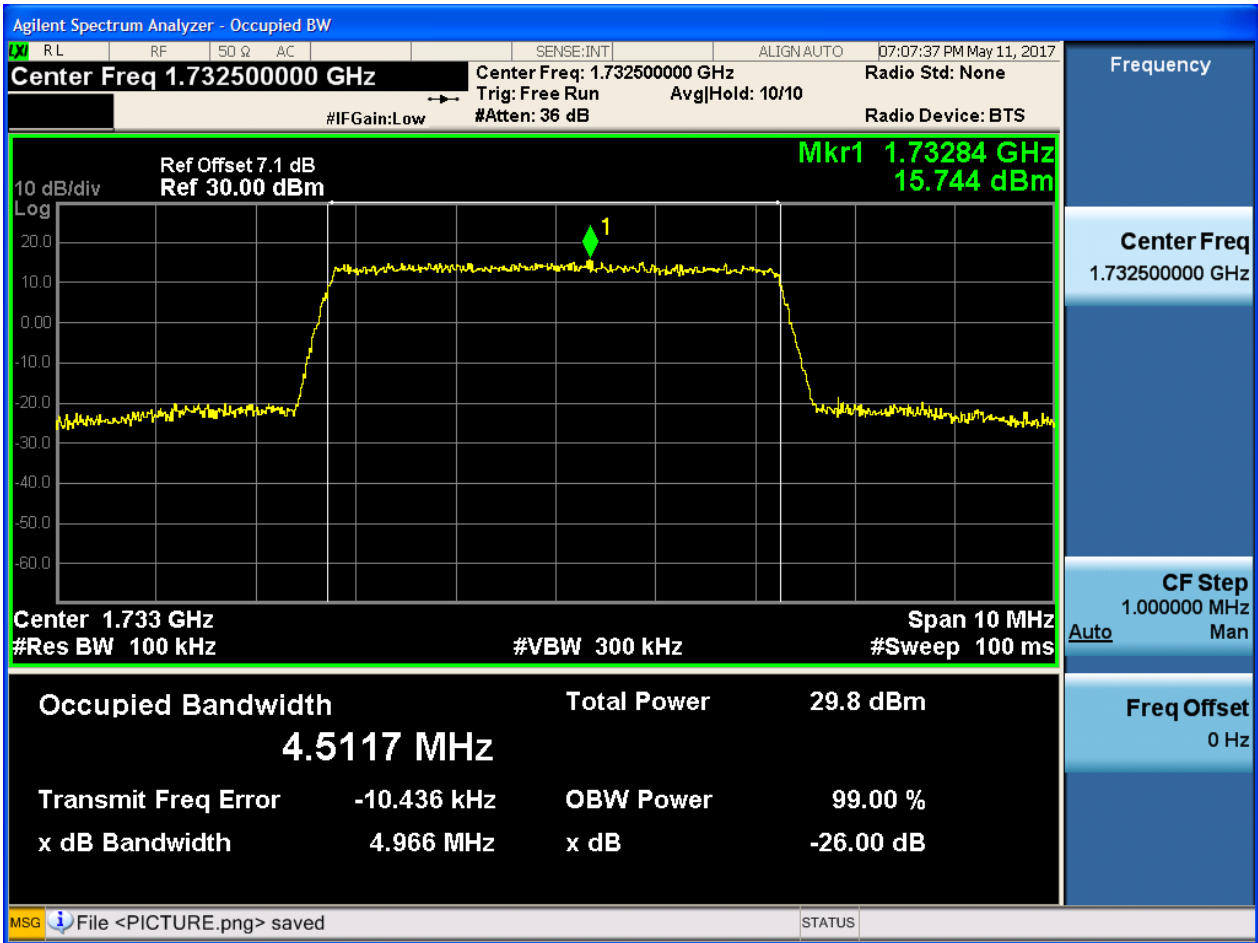
4.1.2.1.3.1.1 Test RB = RB25#0





4.1.2.1.3.2 Test Channel = MCH

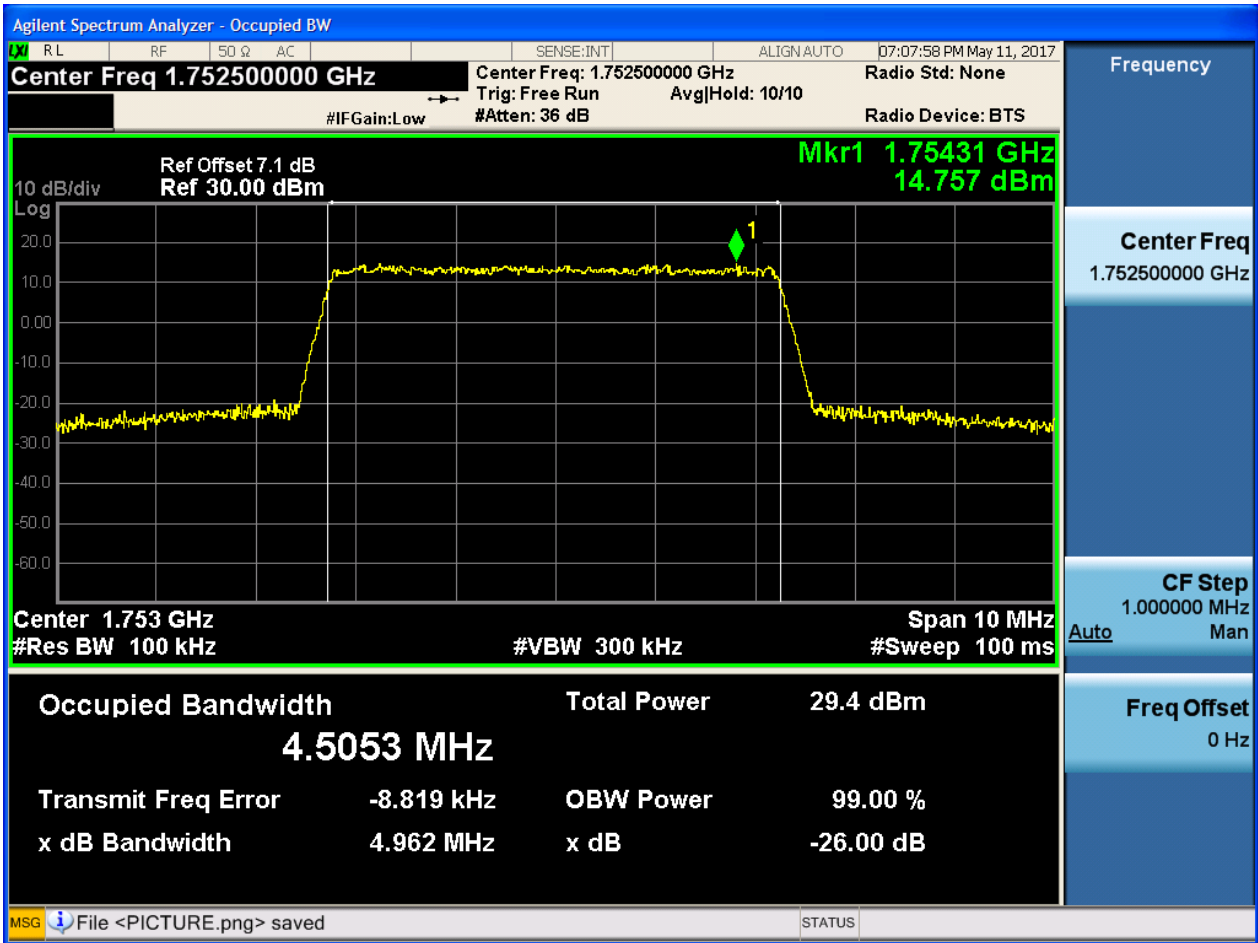
4.1.2.1.3.2.1 Test RB = RB25#0





4.1.2.1.3.3 Test Channel = HCH

4.1.2.1.3.3.1 Test RB = RB25#0

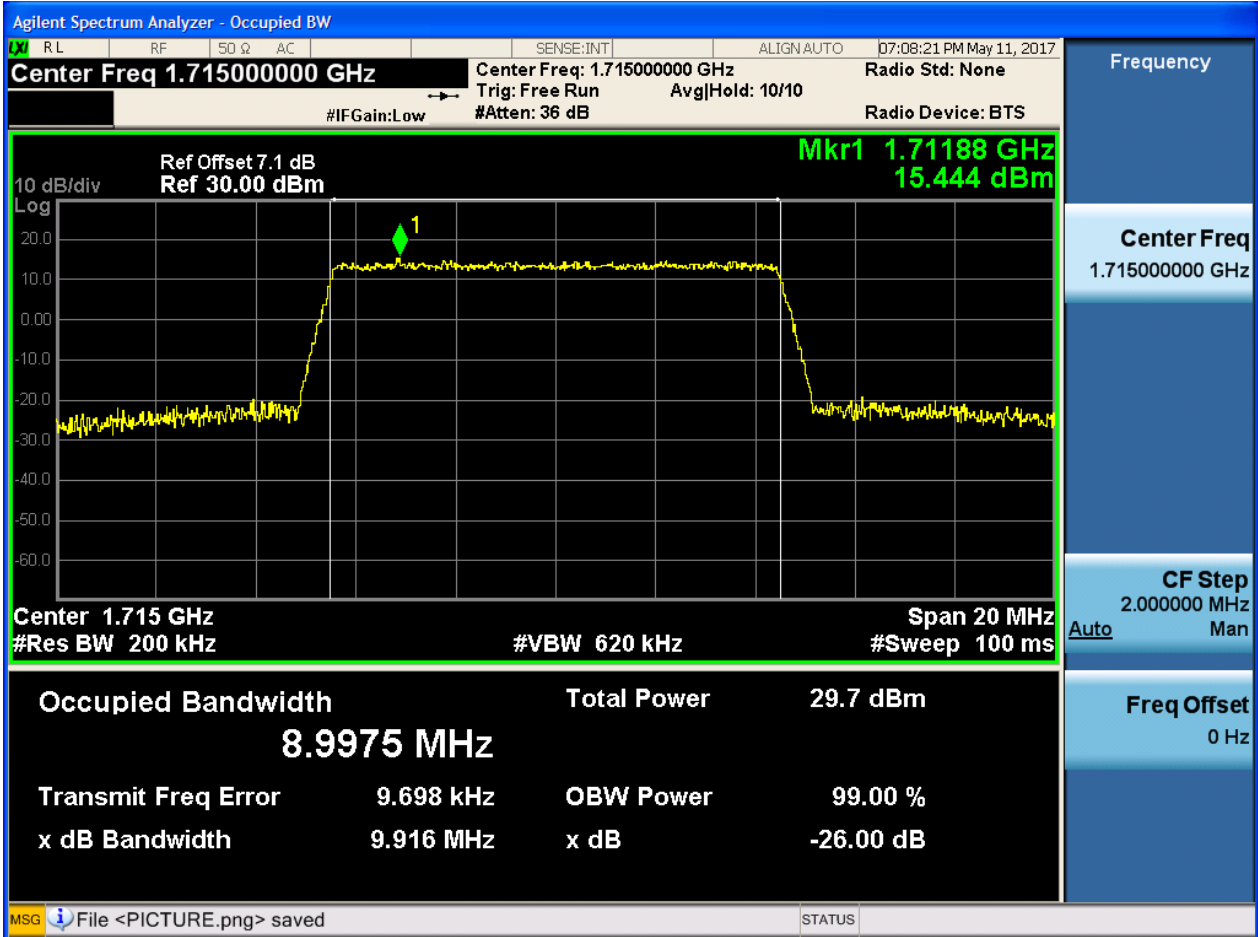




4.1.2.1.4 Test Bandwidth = 10

4.1.2.1.4.1 Test Channel = LCH

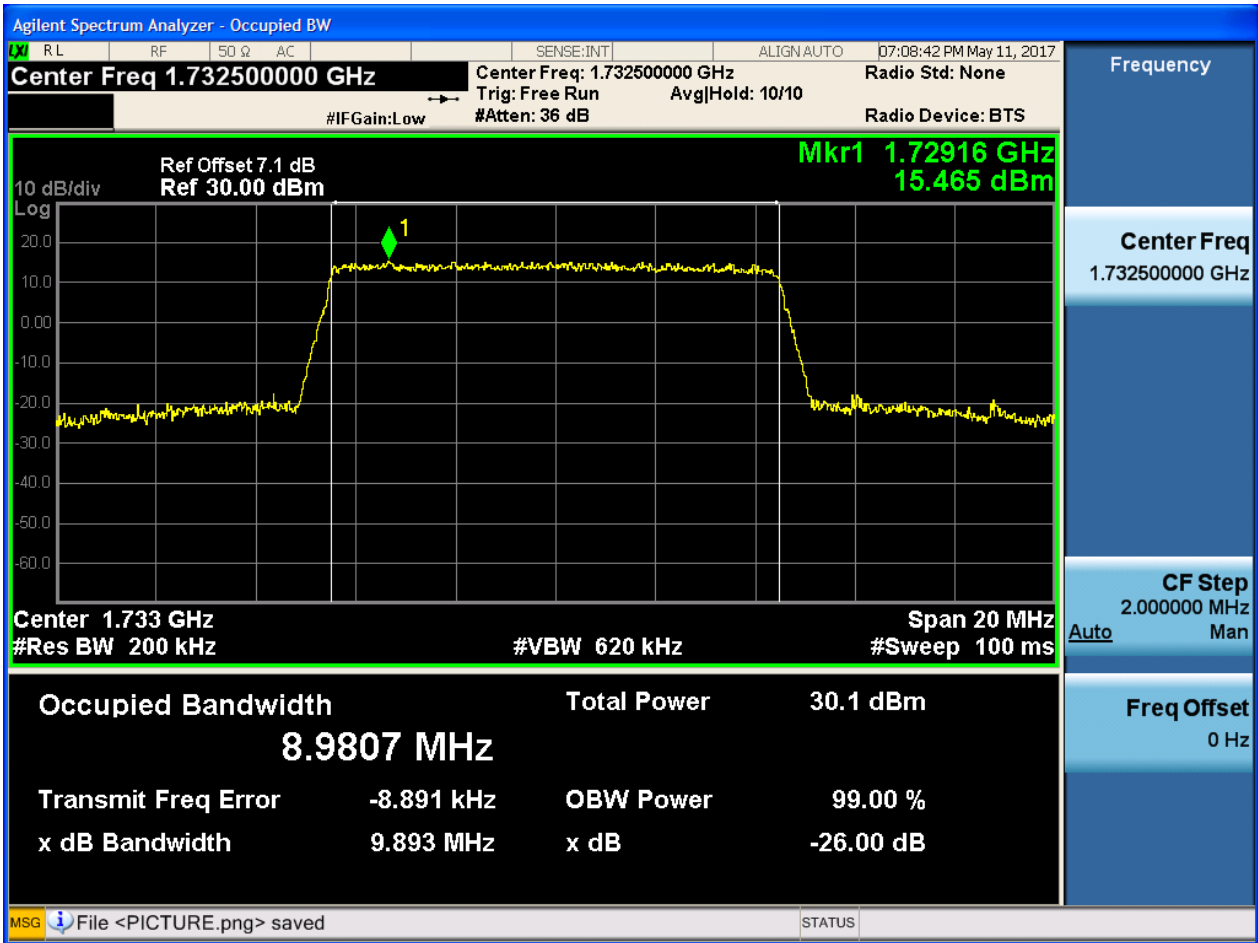
4.1.2.1.4.1.1 Test RB = RB50#0





4.1.2.1.4.2 Test Channel = MCH

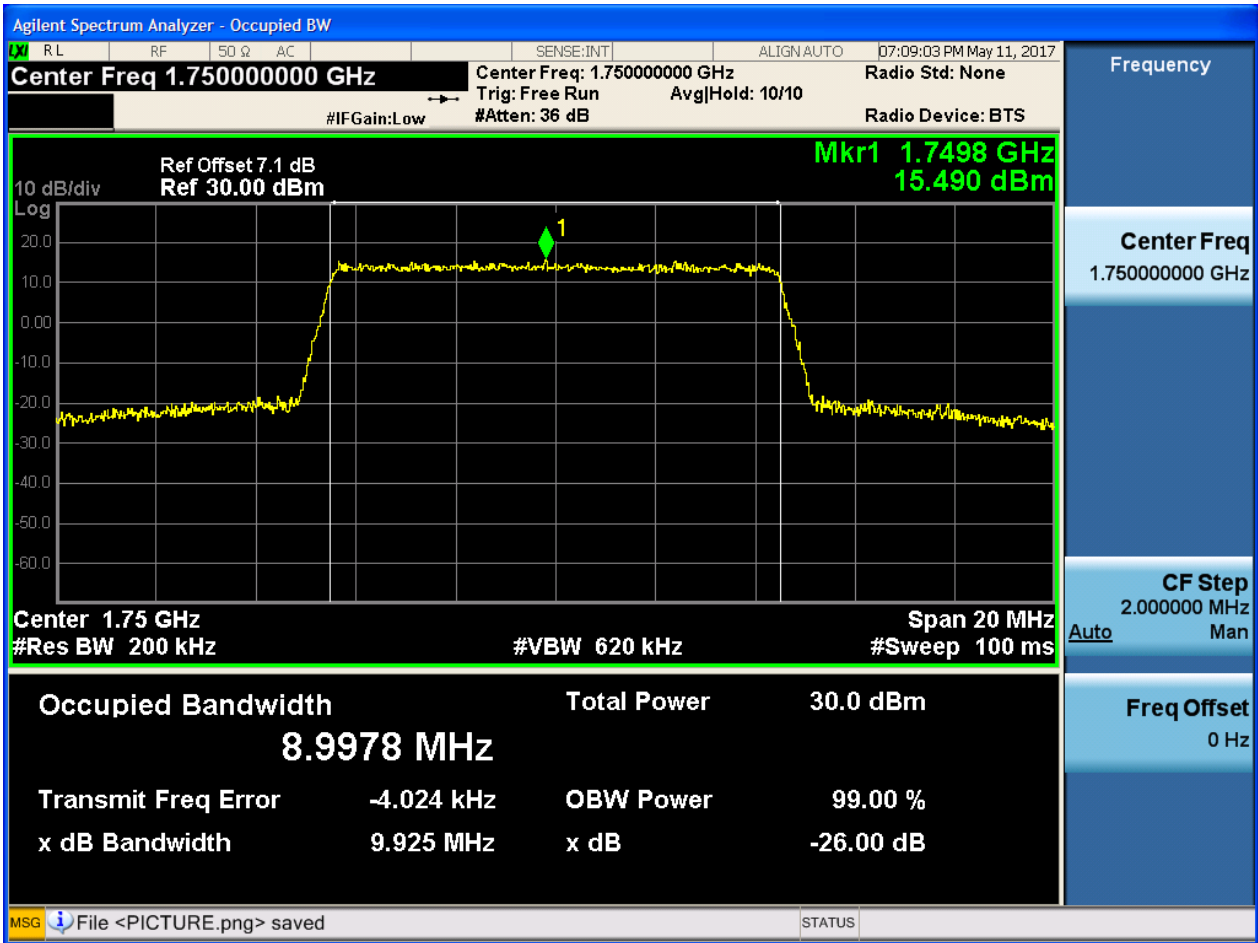
4.1.2.1.4.2.1 Test RB = RB50#0





4.1.2.1.4.3 Test Channel = HCH

4.1.2.1.4.3.1 Test RB = RB50#0

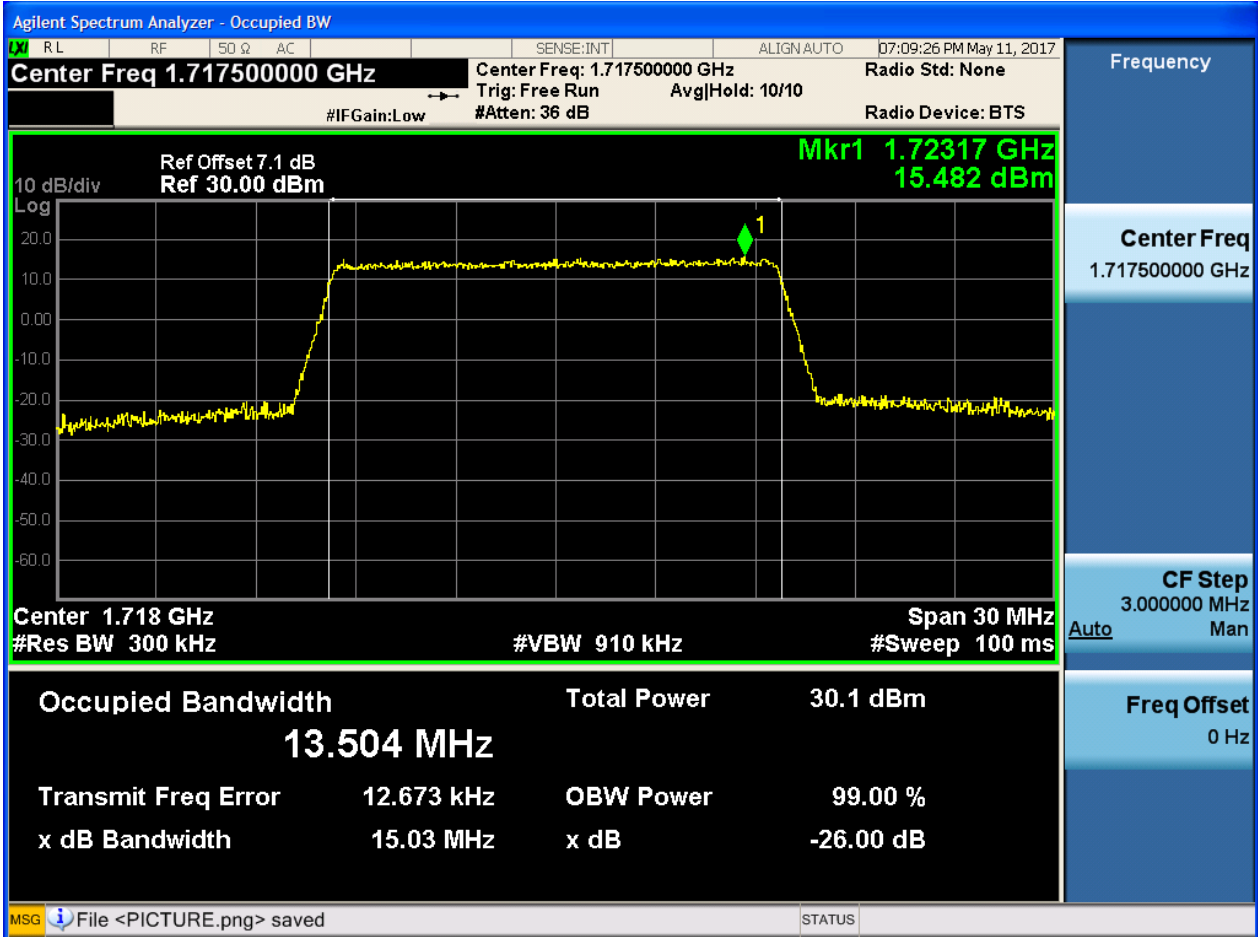




4.1.2.1.5 Test Bandwidth = 15

4.1.2.1.5.1 Test Channel = LCH

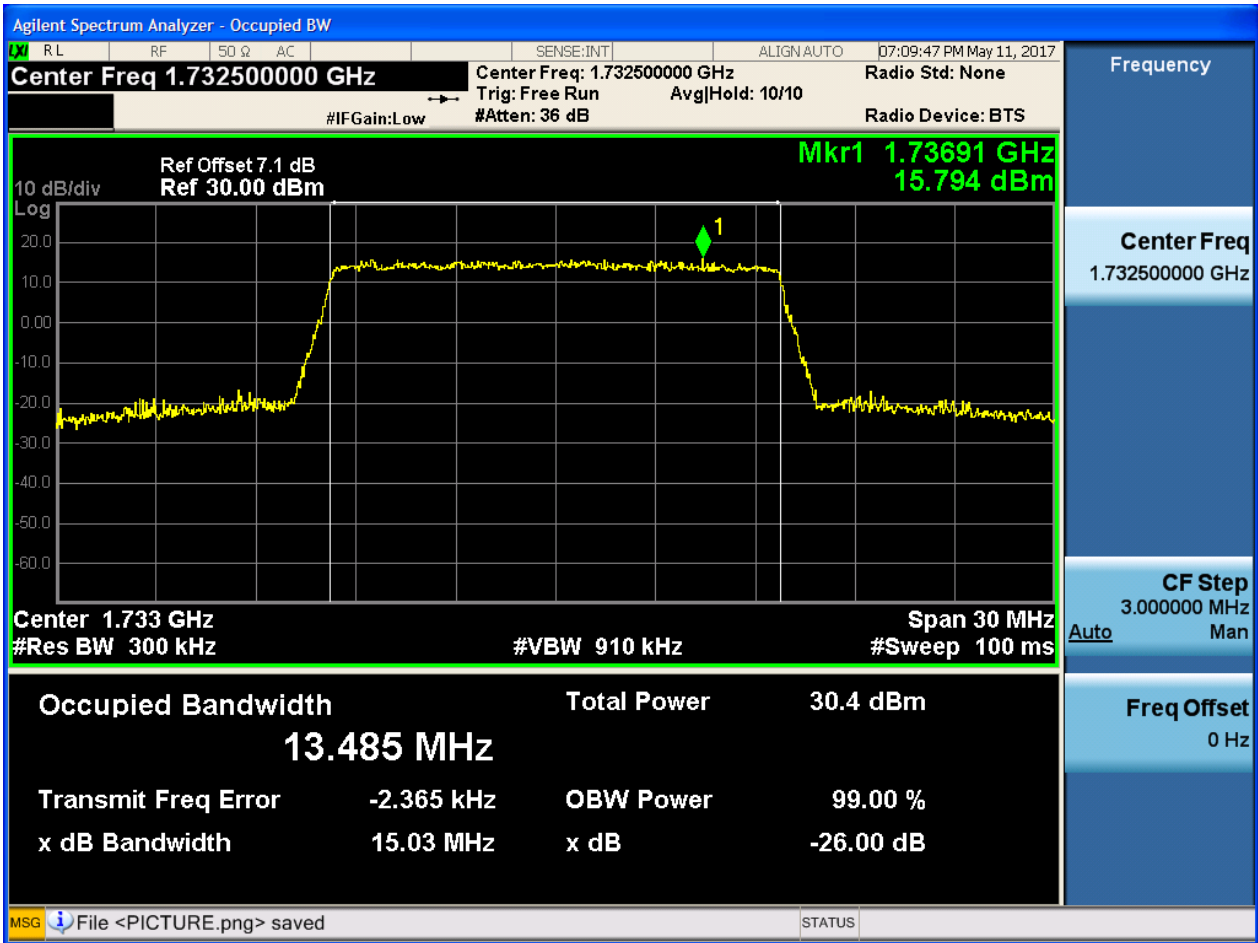
4.1.2.1.5.1.1 Test RB = RB75#0





4.1.2.1.5.2 Test Channel = MCH

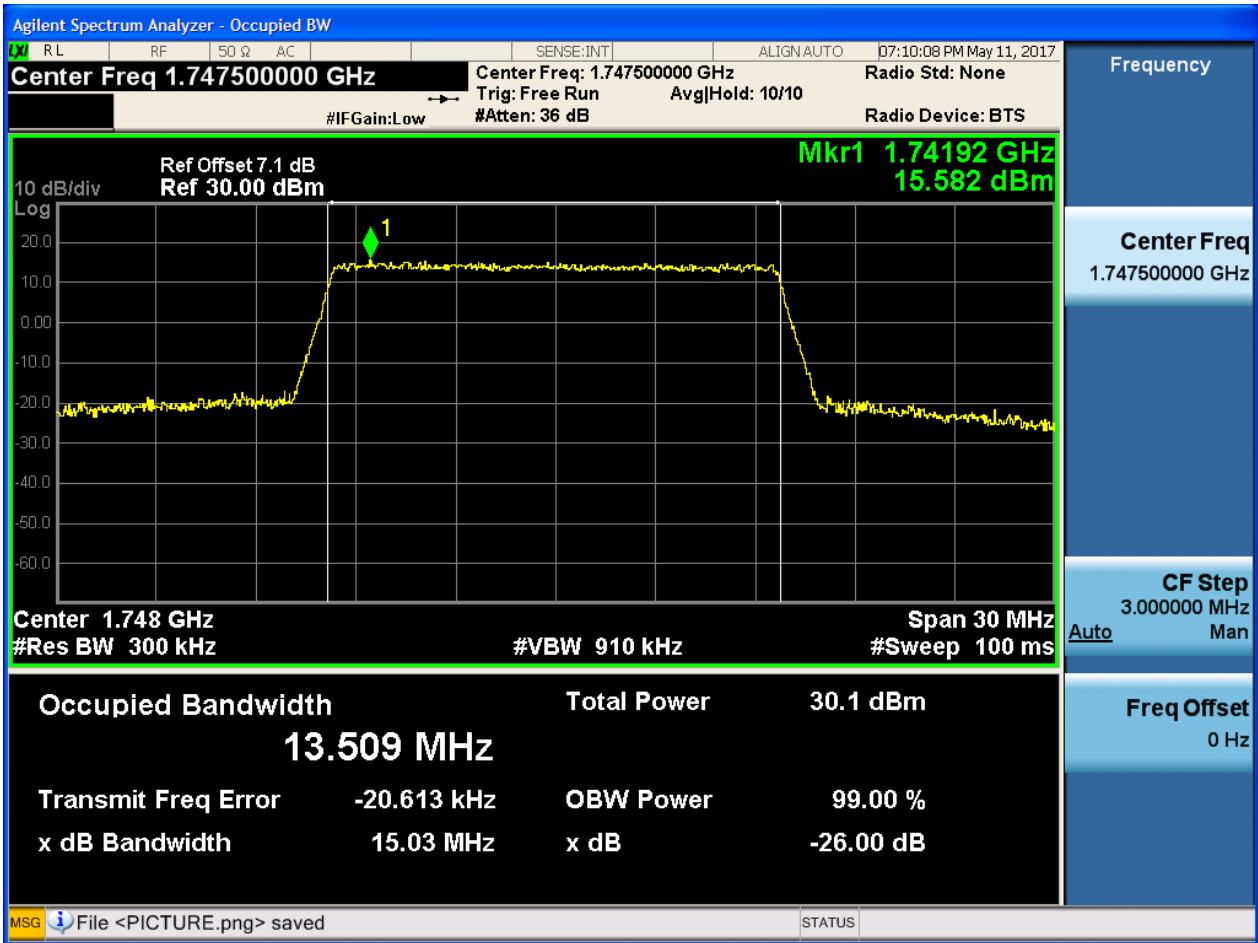
4.1.2.1.5.2.1 Test RB = RB75#0





4.1.2.1.5.3 Test Channel = HCH

4.1.2.1.5.3.1 Test RB = RB75#0

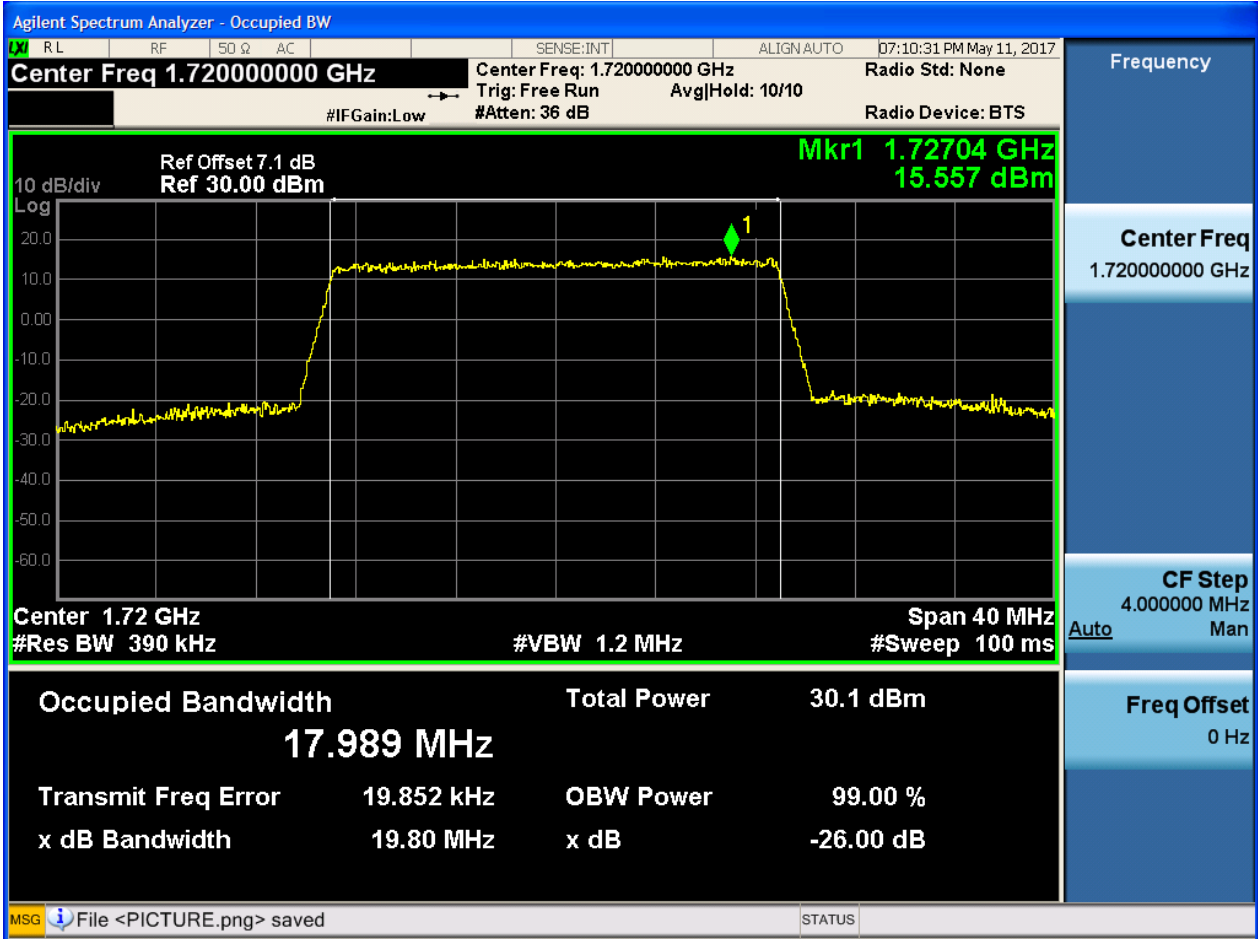




4.1.2.1.6 Test Bandwidth = 20

4.1.2.1.6.1 Test Channel = LCH

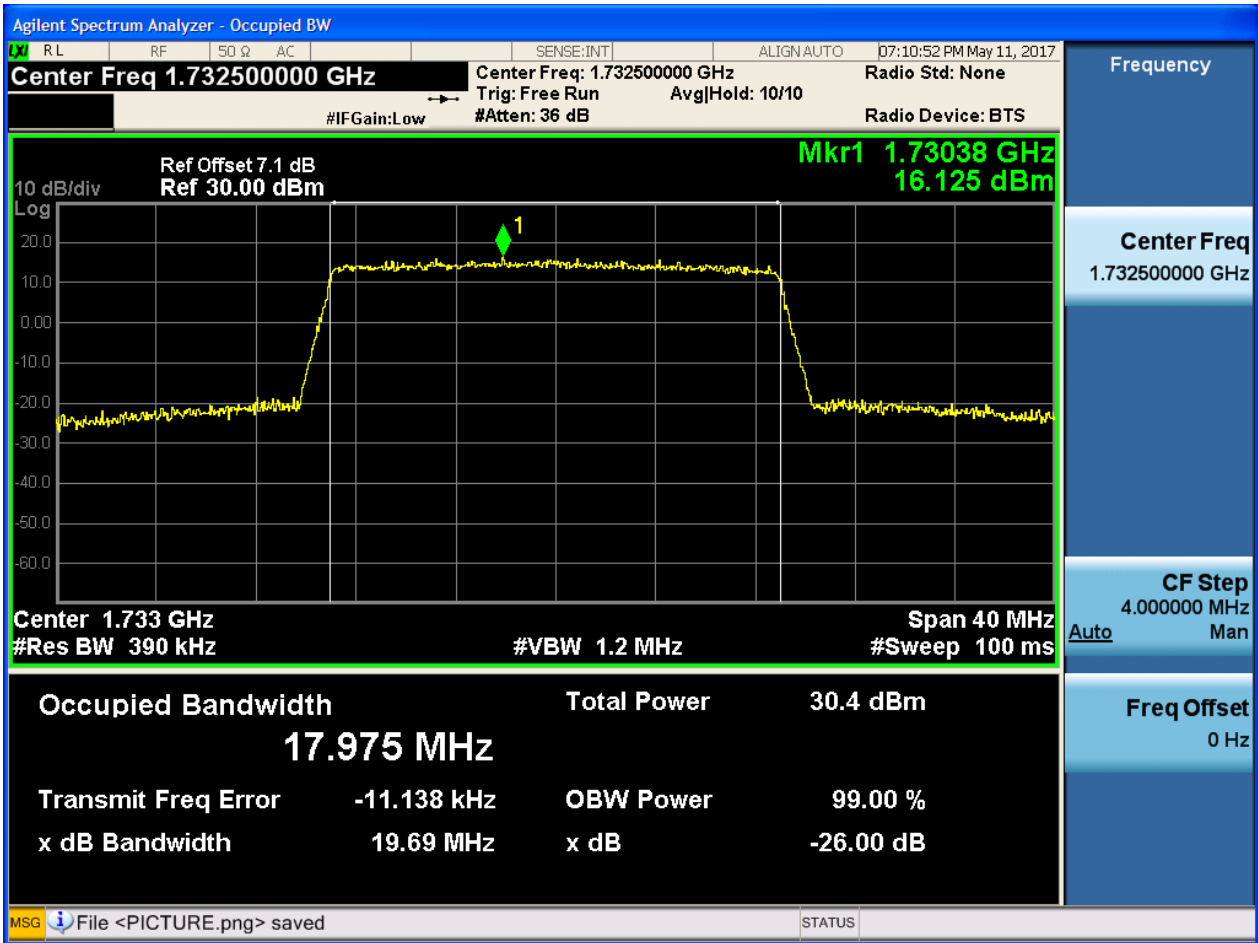
4.1.2.1.6.1.1 Test RB = RB100#0





4.1.2.1.6.2 Test Channel = MCH

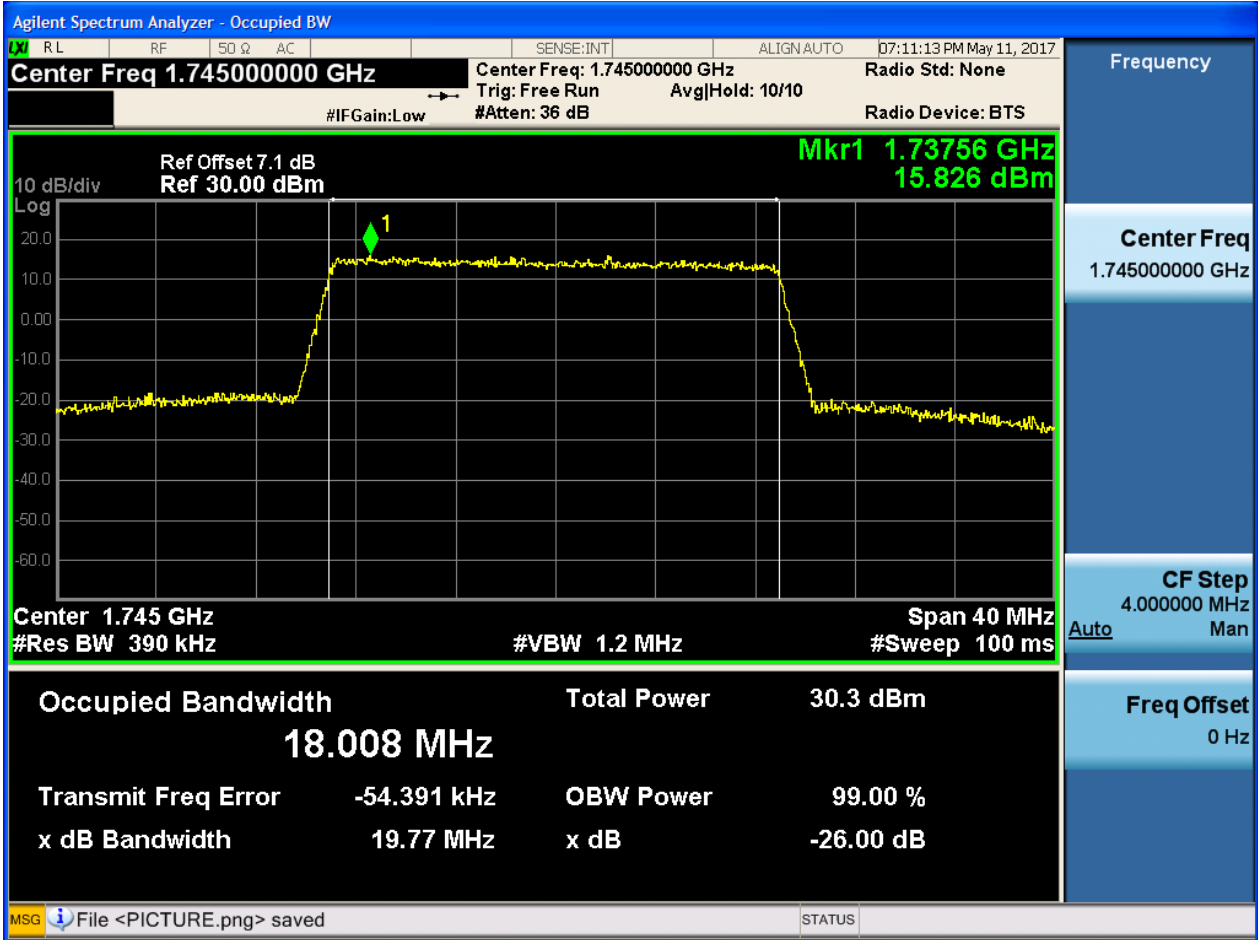
4.1.2.1.6.2.1 Test RB = RB100#0





4.1.2.1.6.3 Test Channel = HCH

4.1.2.1.6.3.1 Test RB = RB100#0



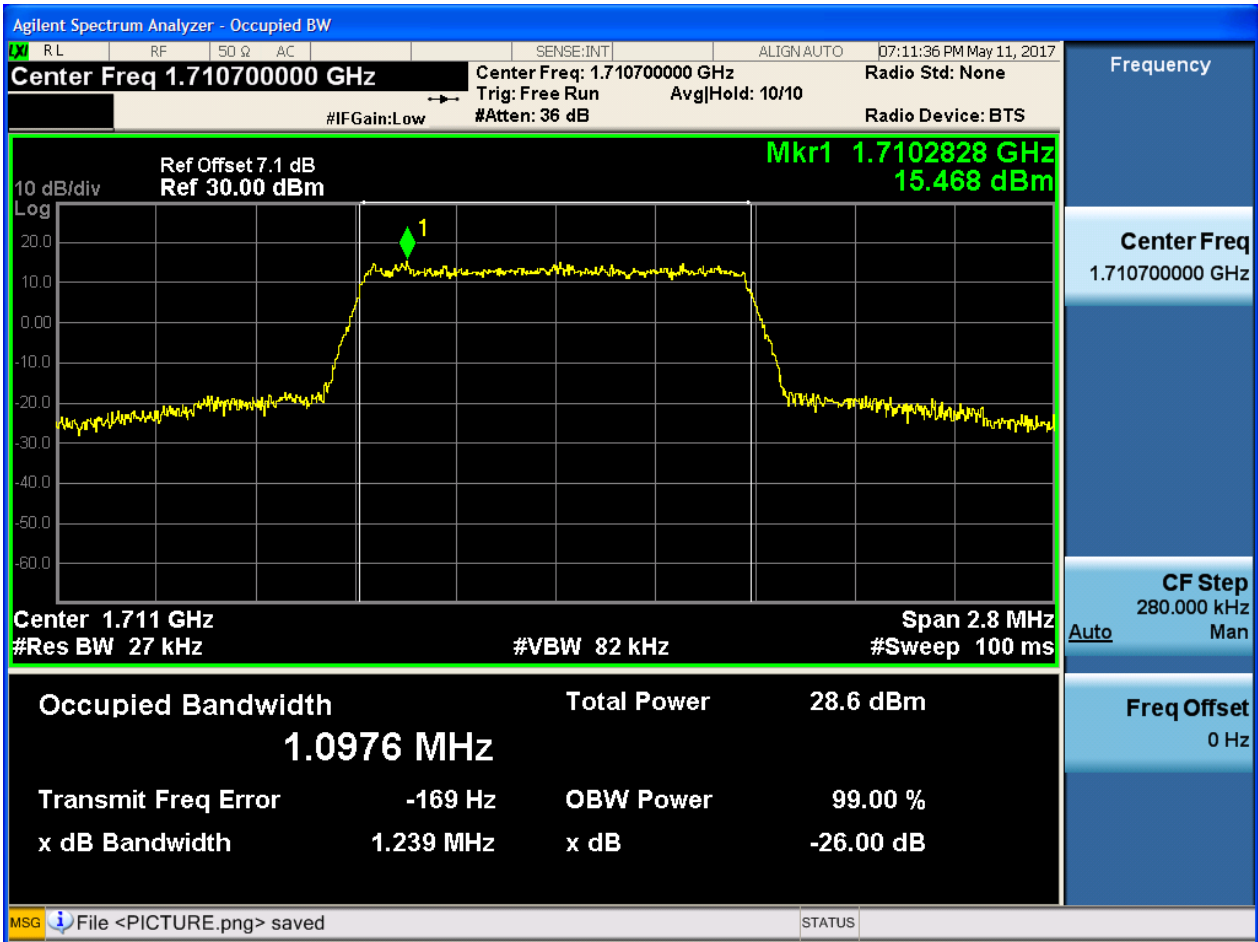


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 1.4

4.1.2.2.1.1 Test Channel = LCH

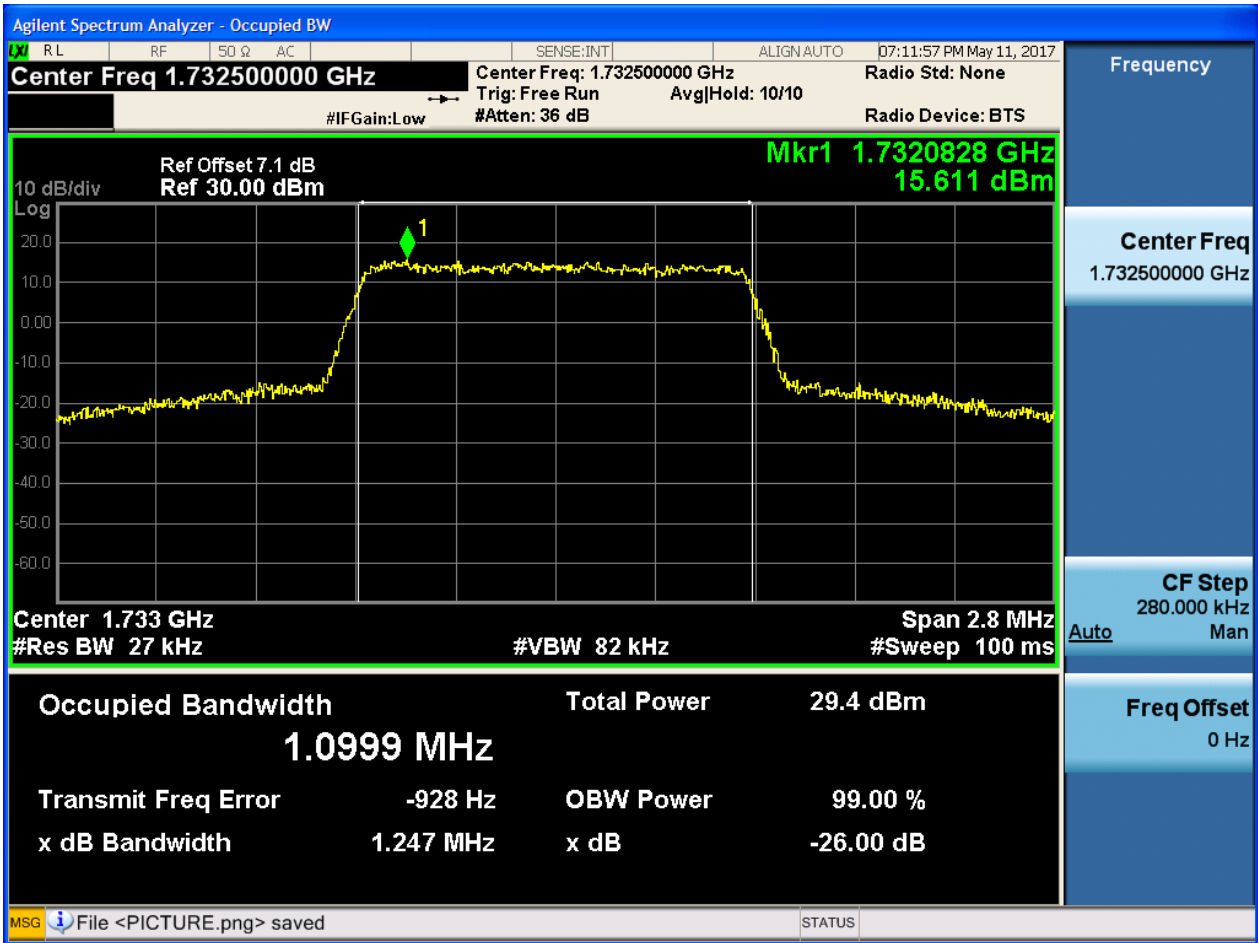
4.1.2.2.1.1.1 Test RB = RB6#0





4.1.2.2.1.2 Test Channel = MCH

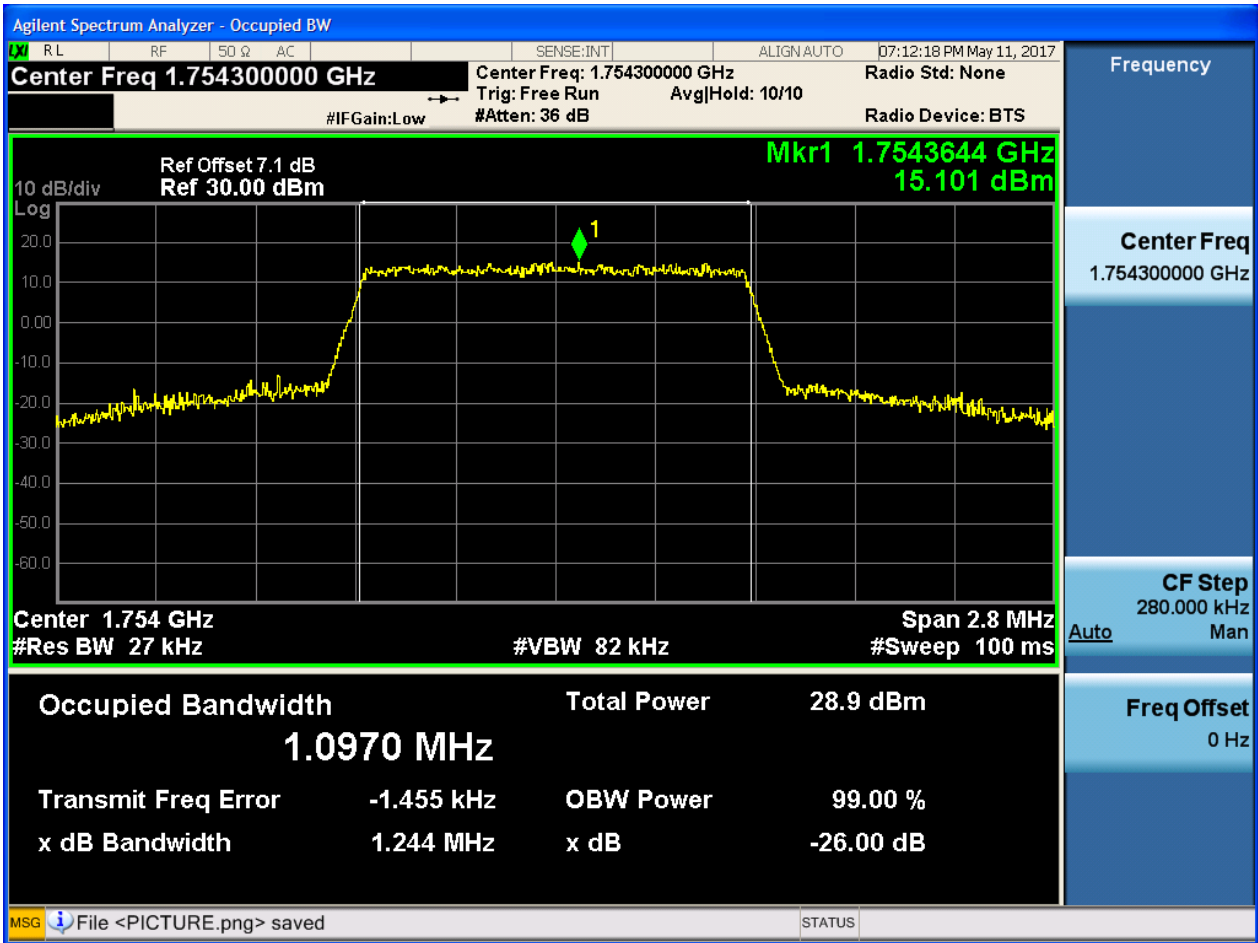
4.1.2.2.1.2.1 Test RB = RB6#0





4.1.2.2.1.3 Test Channel = HCH

4.1.2.2.1.3.1 Test RB = RB6#0

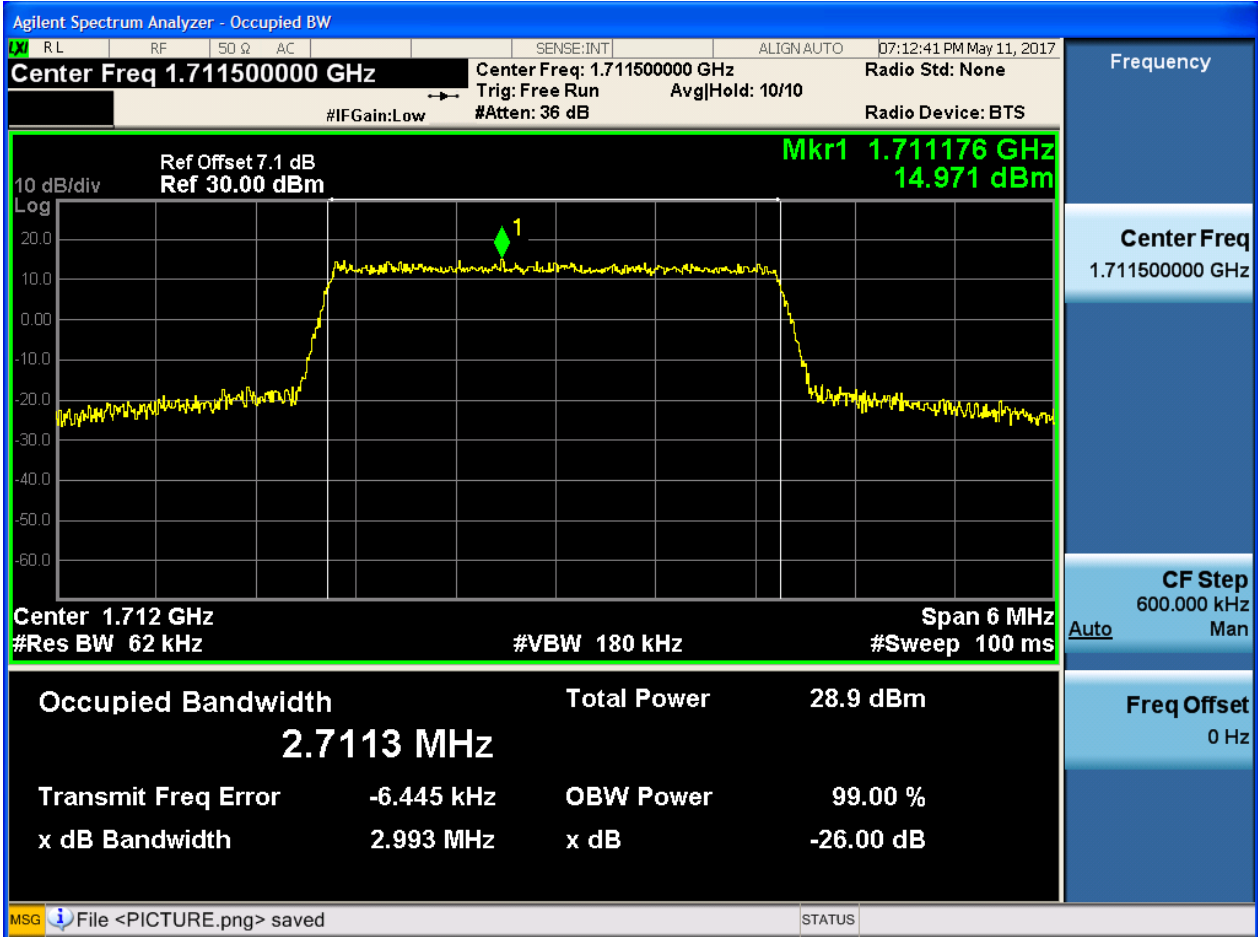




4.1.2.2.2 Test Bandwidth = 3

4.1.2.2.2.1 Test Channel = LCH

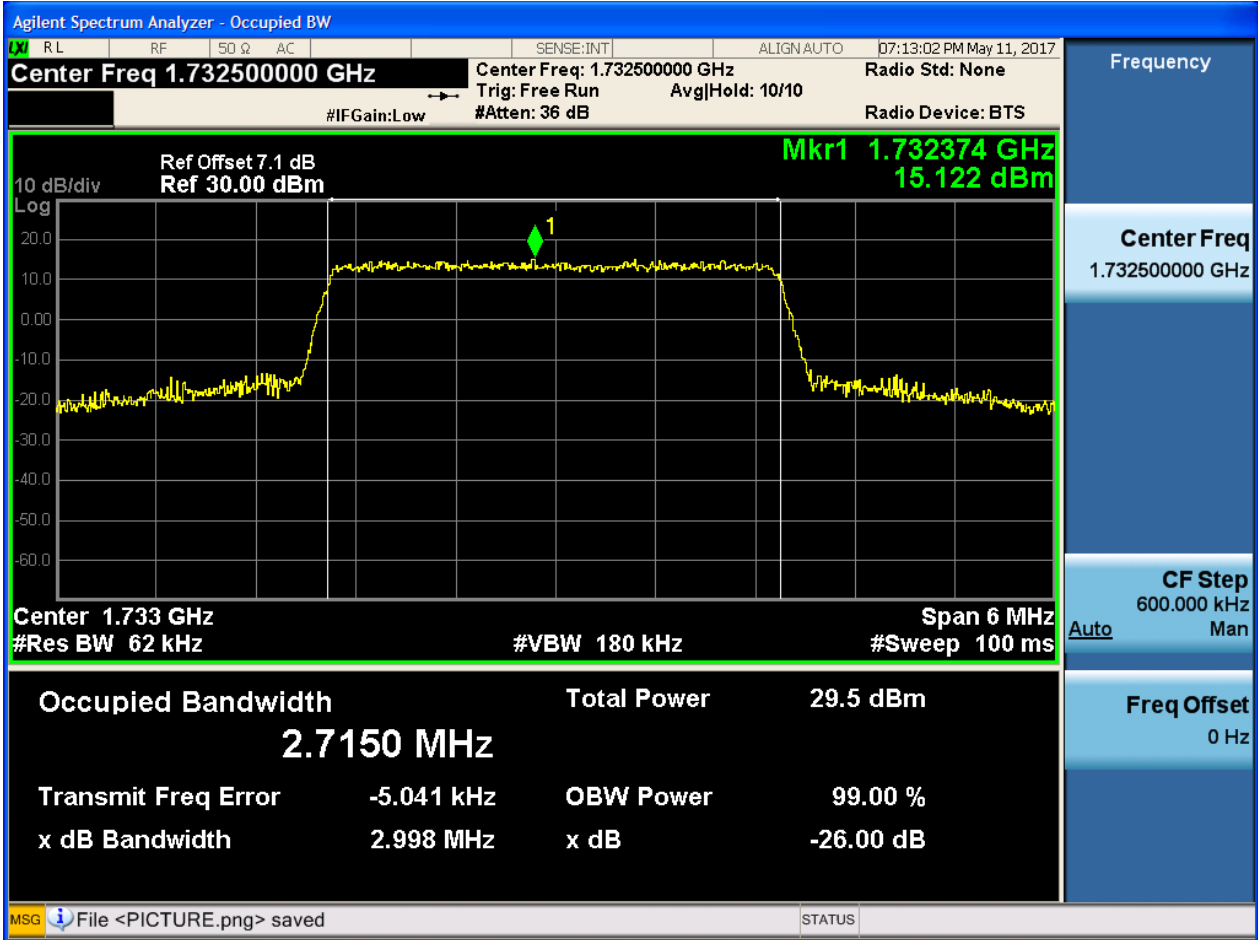
4.1.2.2.2.1.1 Test RB = RB15#0





4.1.2.2.2 Test Channel = MCH

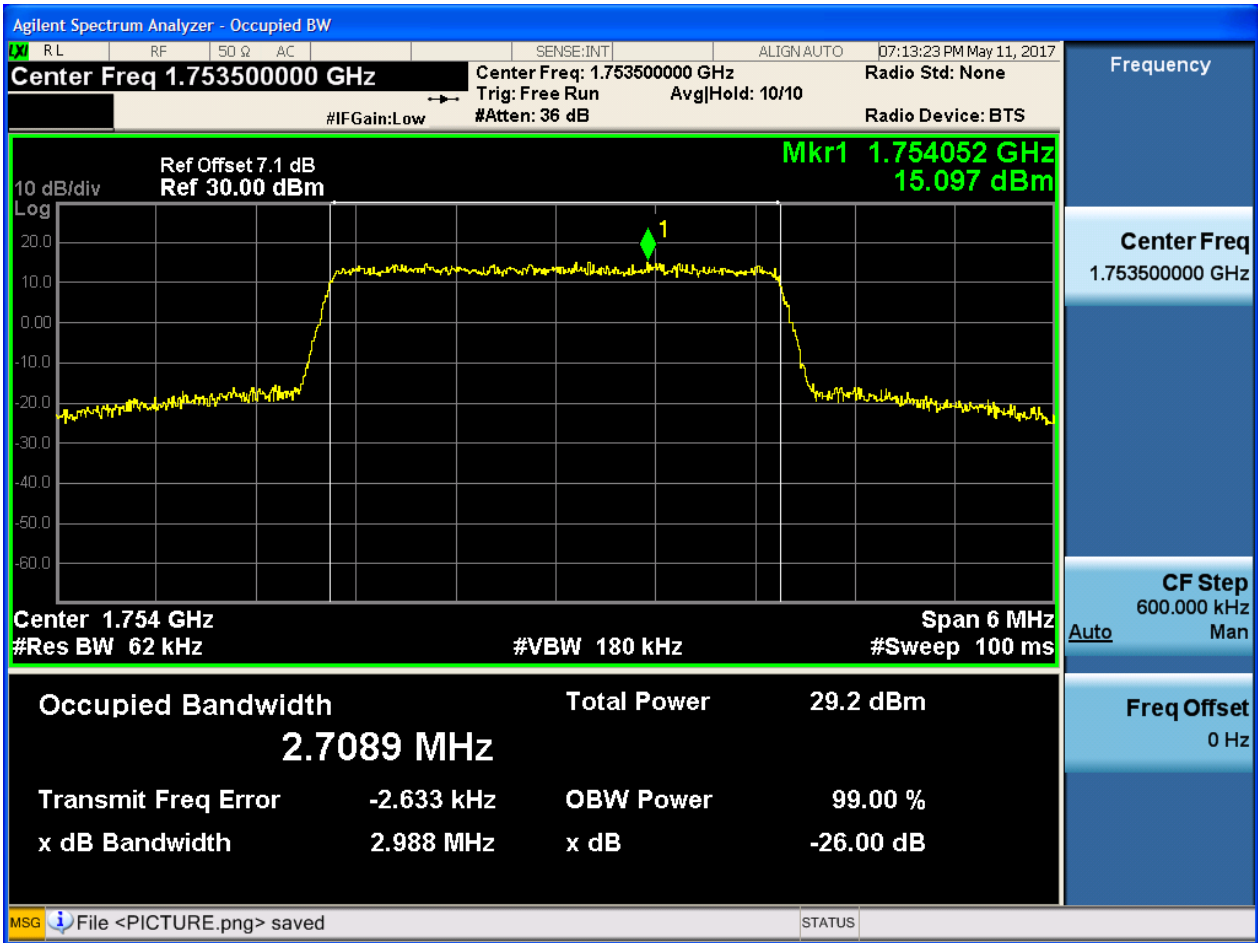
4.1.2.2.2.1 Test RB = RB15#0





4.1.2.2.2.3 Test Channel = HCH

4.1.2.2.2.3.1 Test RB = RB15#0

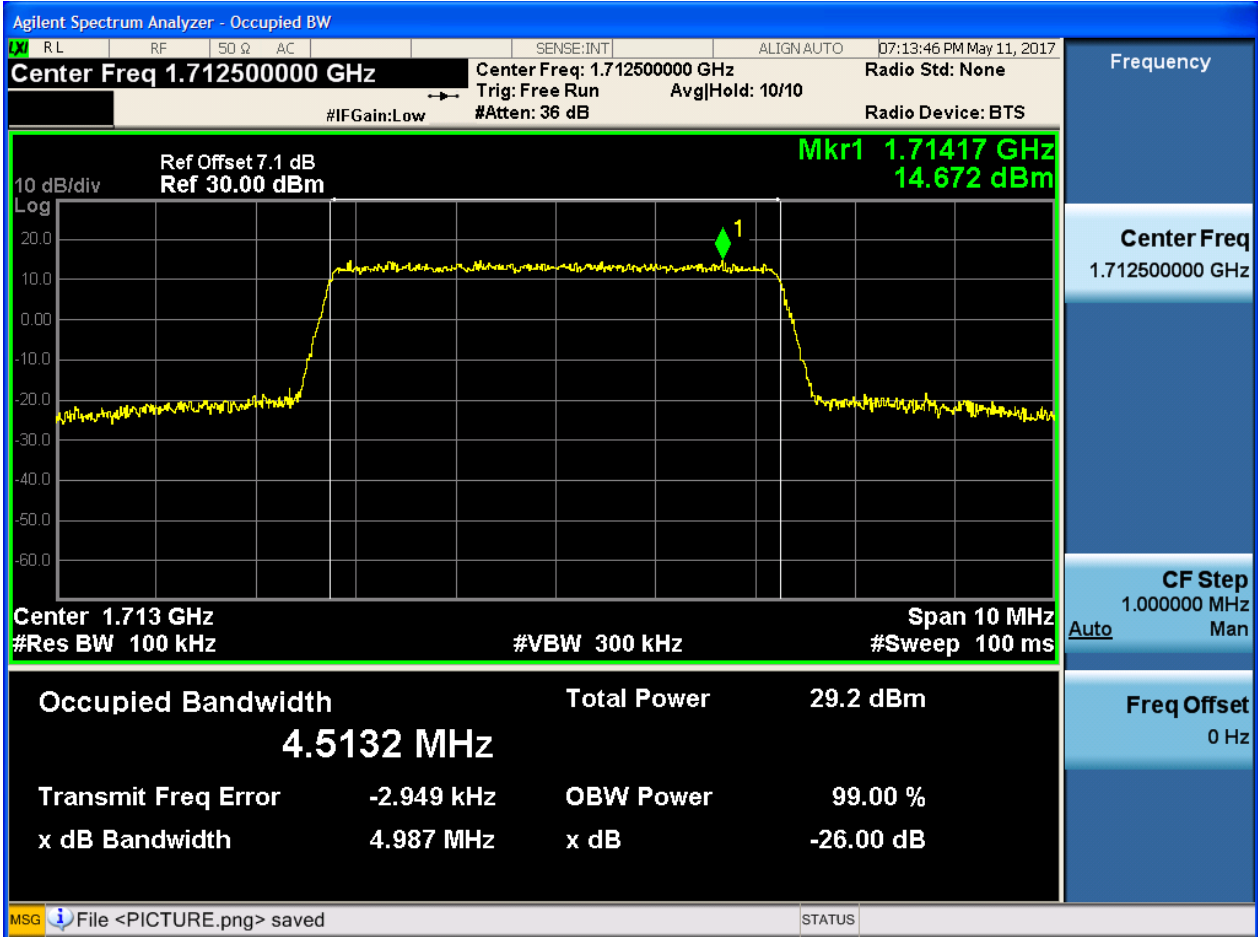




4.1.2.2.3 Test Bandwidth = 5

4.1.2.2.3.1 Test Channel = LCH

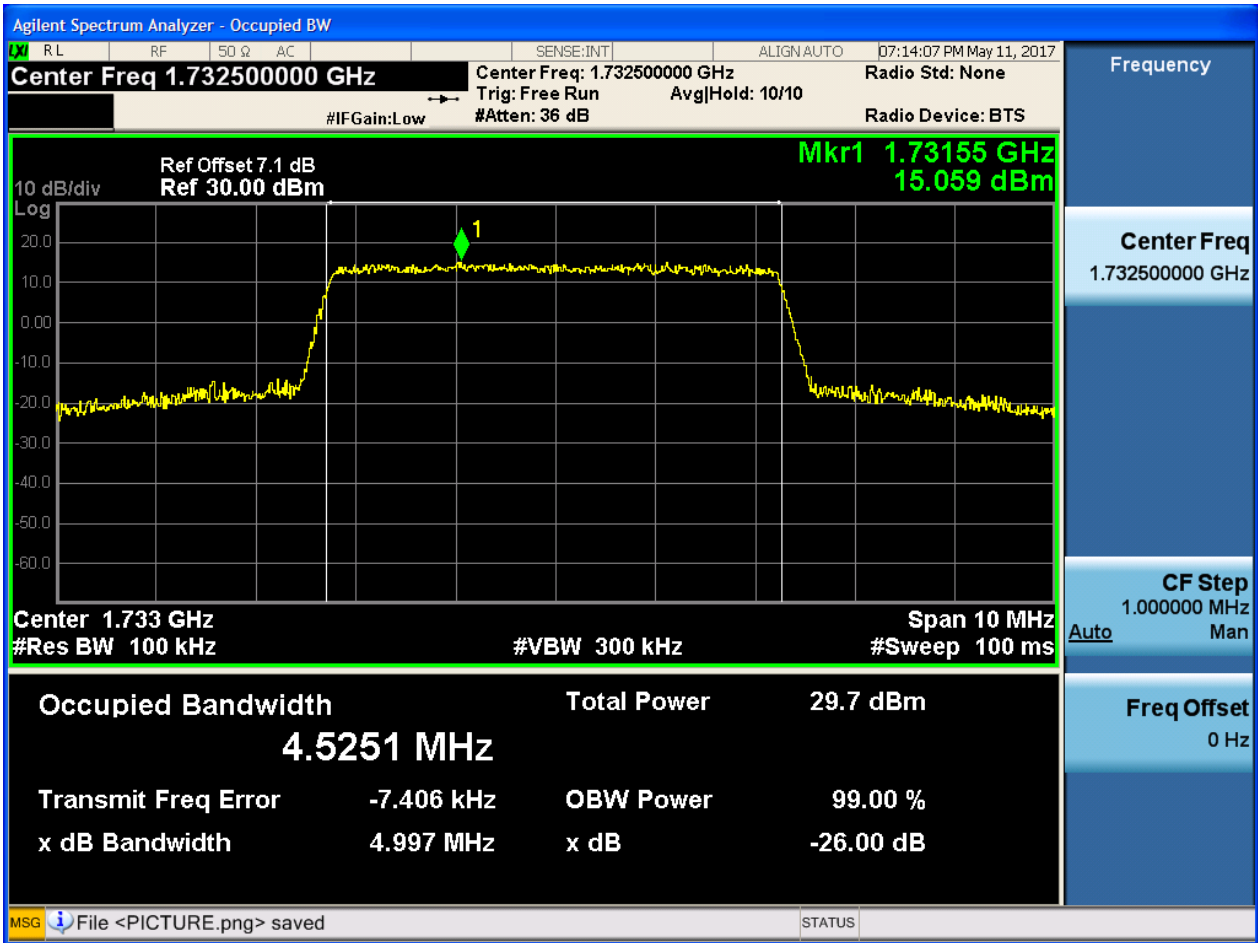
4.1.2.2.3.1.1 Test RB = RB25#0





4.1.2.2.3.2 Test Channel = MCH

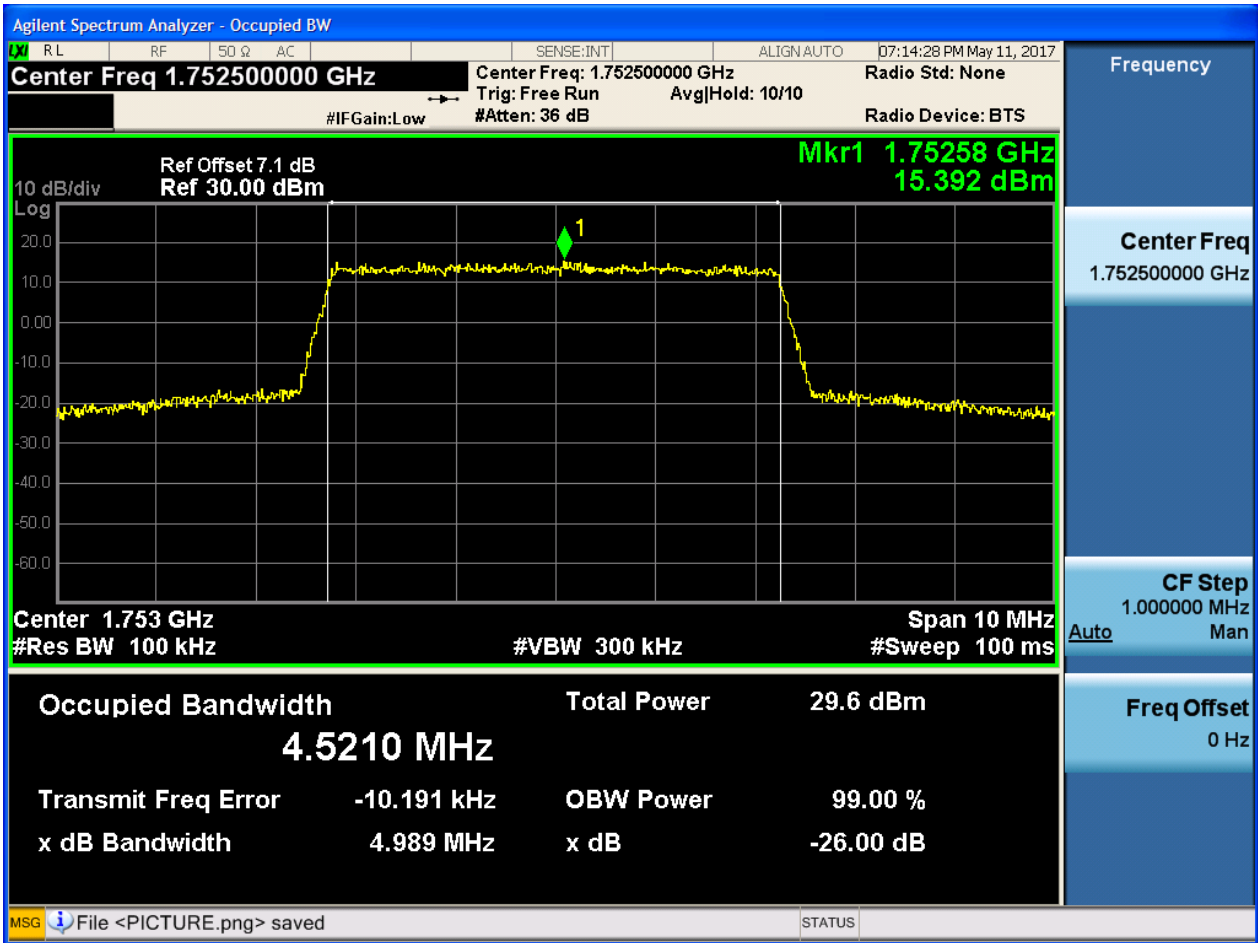
4.1.2.2.3.2.1 Test RB = RB25#0





4.1.2.2.3.3 Test Channel = HCH

4.1.2.2.3.3.1 Test RB = RB25#0

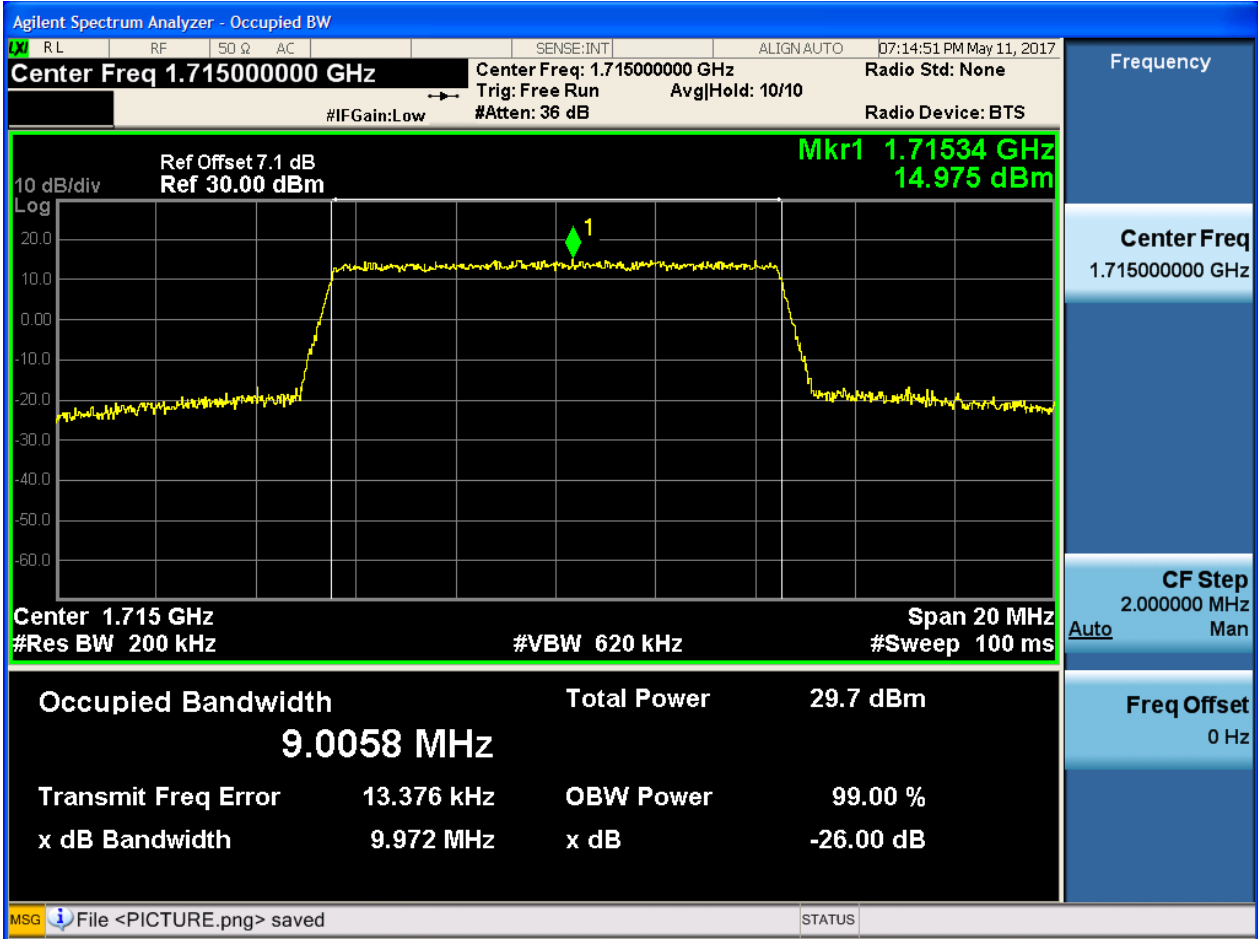




4.1.2.2.4 Test Bandwidth = 10

4.1.2.2.4.1 Test Channel = LCH

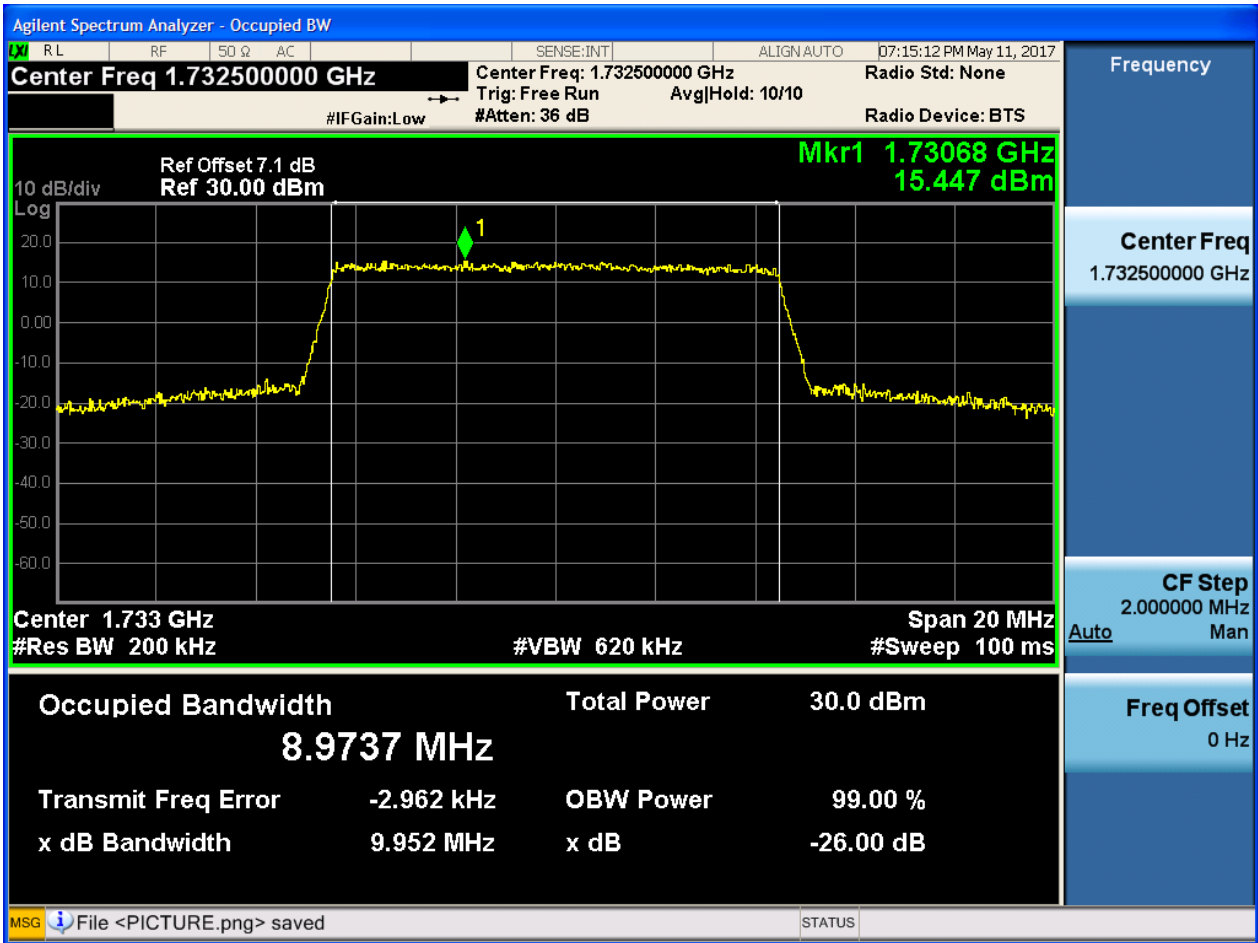
4.1.2.2.4.1.1 Test RB = RB50#0





4.1.2.2.4.2 Test Channel = MCH

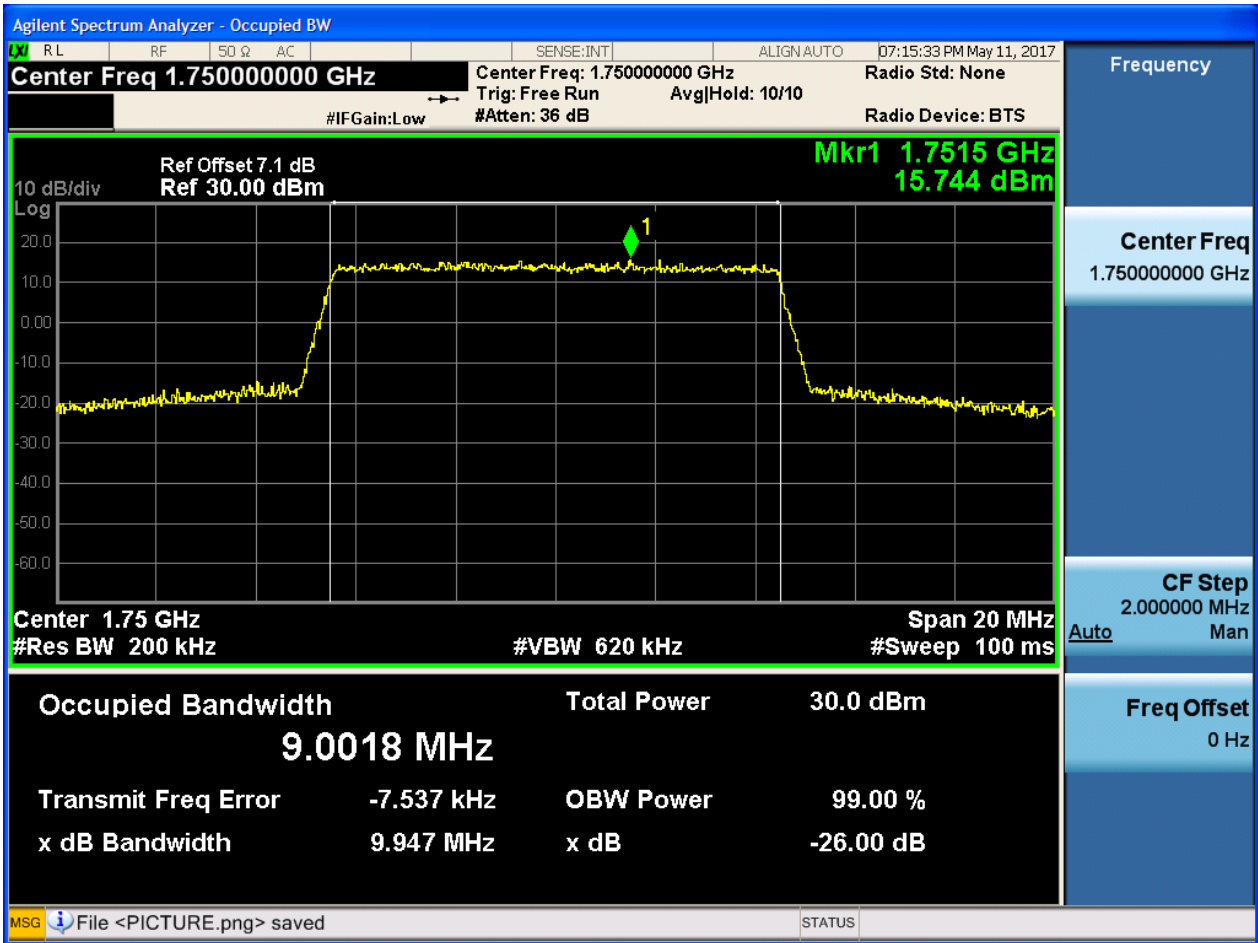
4.1.2.2.4.2.1 Test RB = RB50#0





4.1.2.2.4.3 Test Channel = HCH

4.1.2.2.4.3.1 Test RB = RB50#0

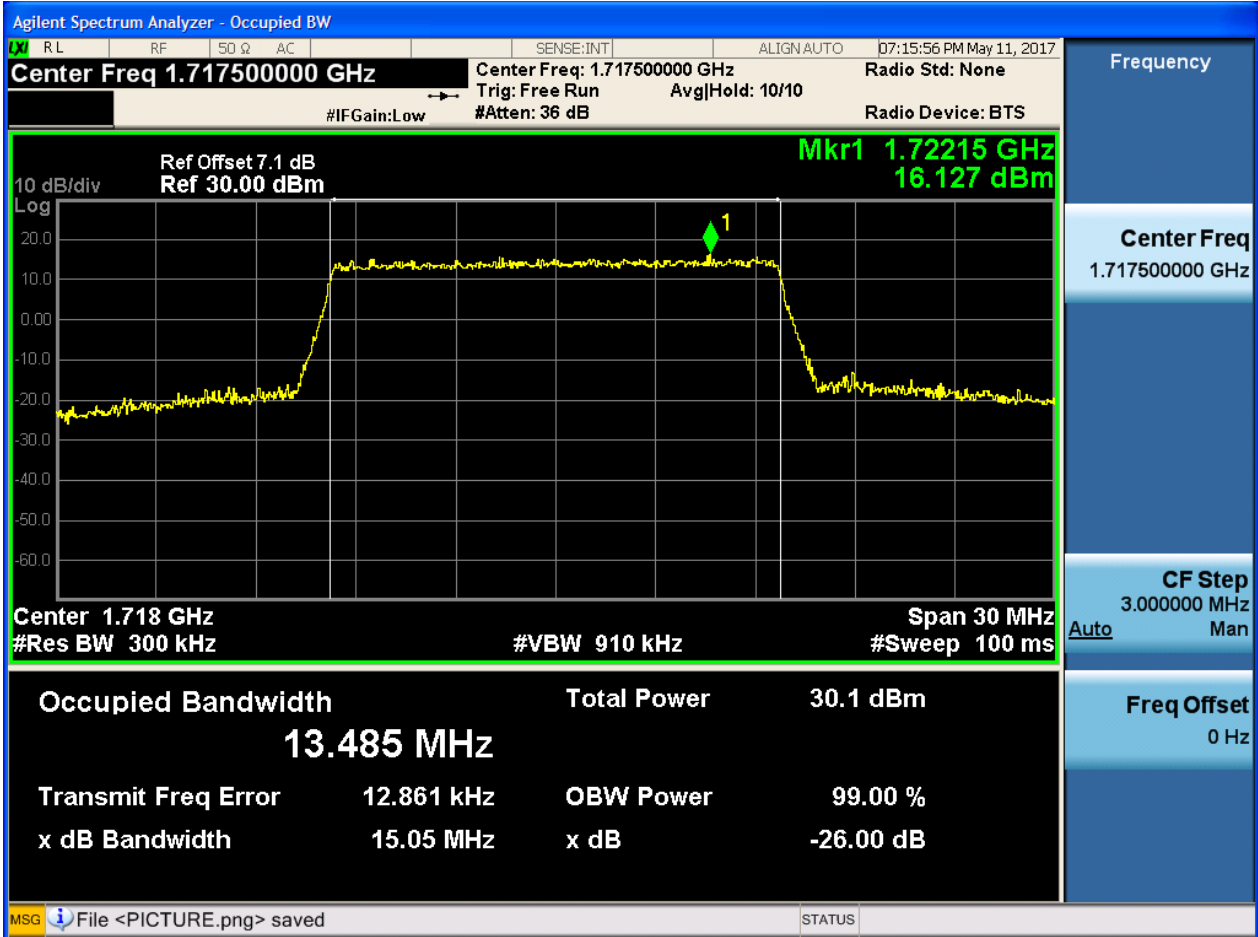




4.1.2.2.5 Test Bandwidth = 15

4.1.2.2.5.1 Test Channel = LCH

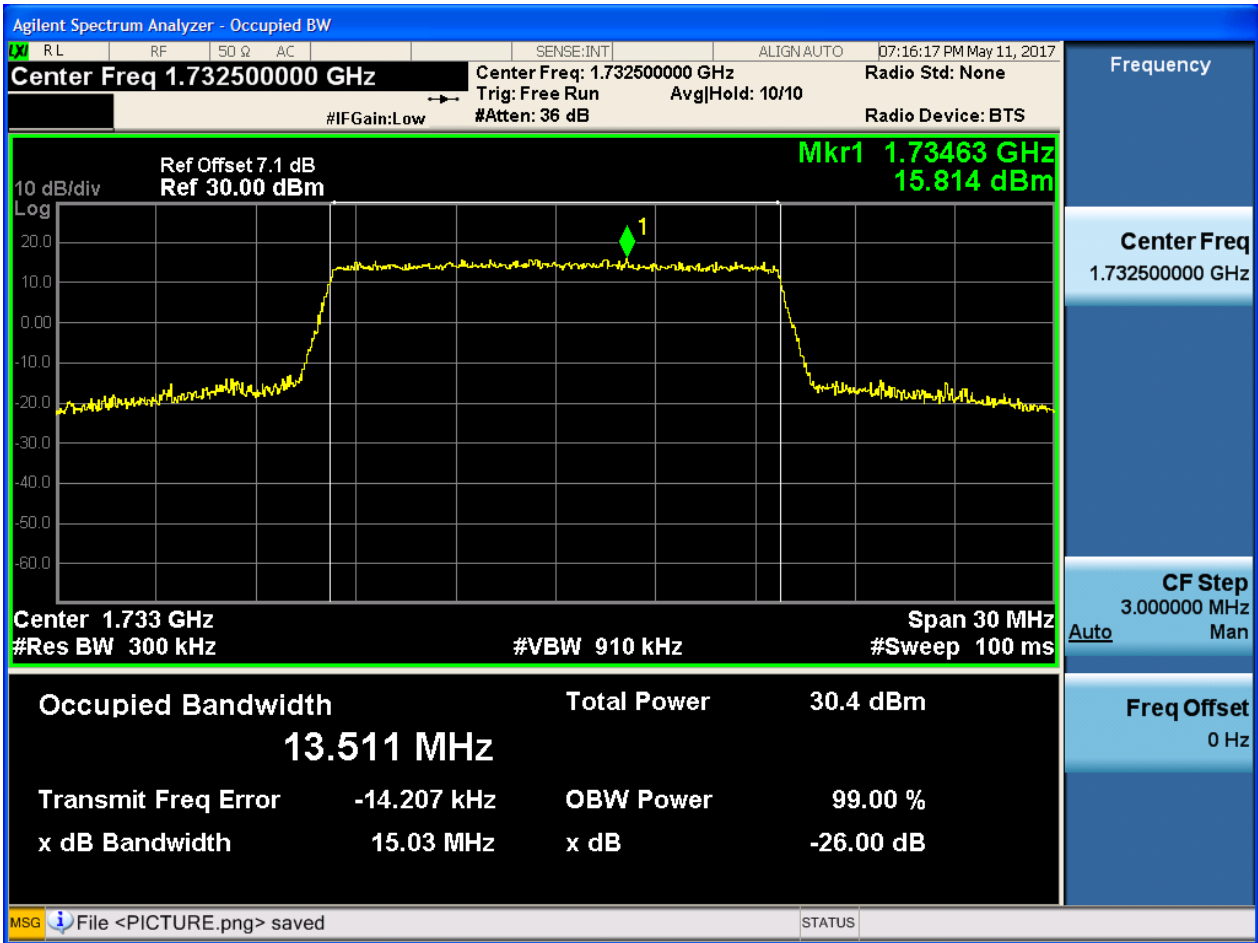
4.1.2.2.5.1.1 Test RB = RB75#0





4.1.2.2.5.2 Test Channel = MCH

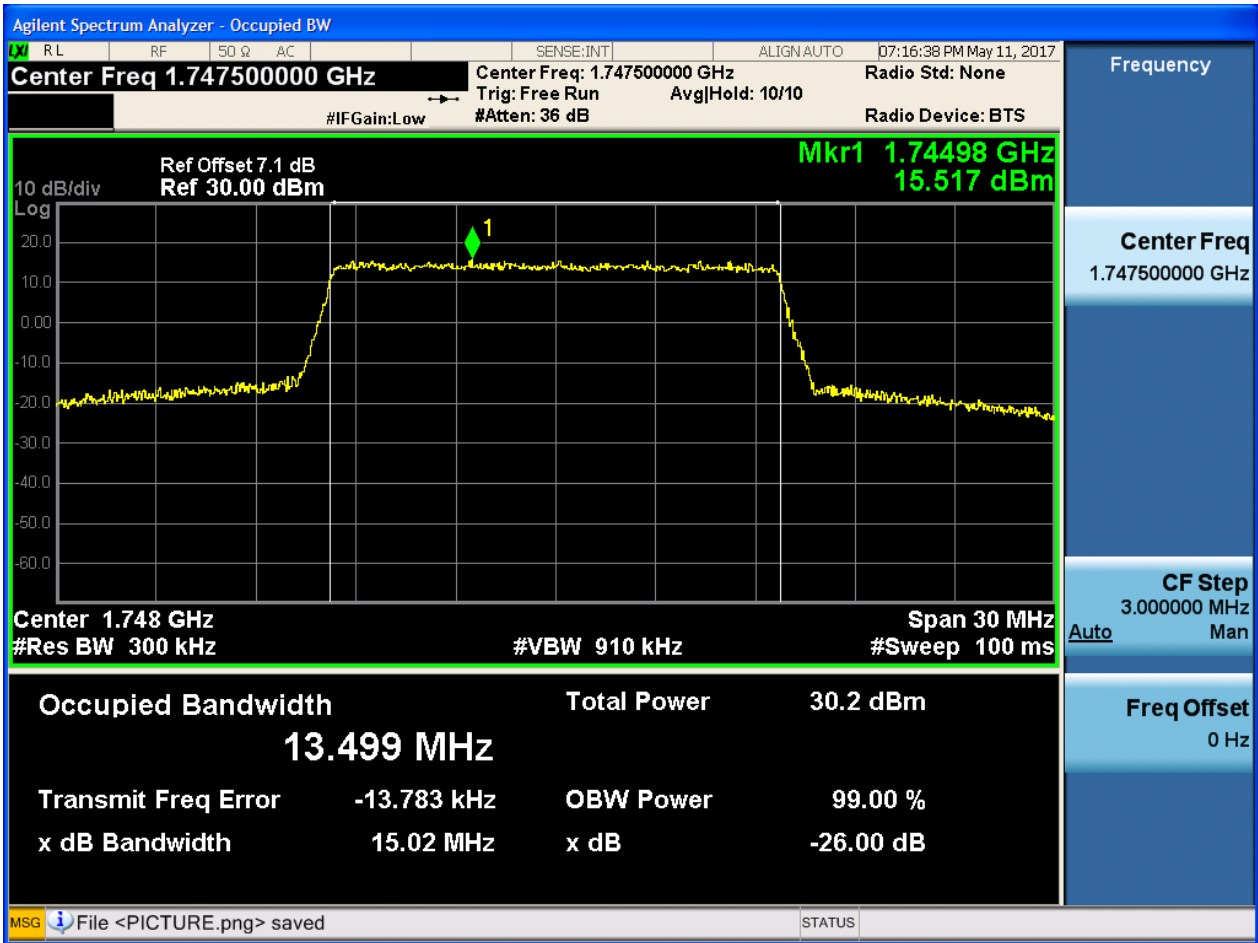
4.1.2.2.5.2.1 Test RB = RB75#0





4.1.2.2.5.3 Test Channel = HCH

4.1.2.2.5.3.1 Test RB = RB75#0

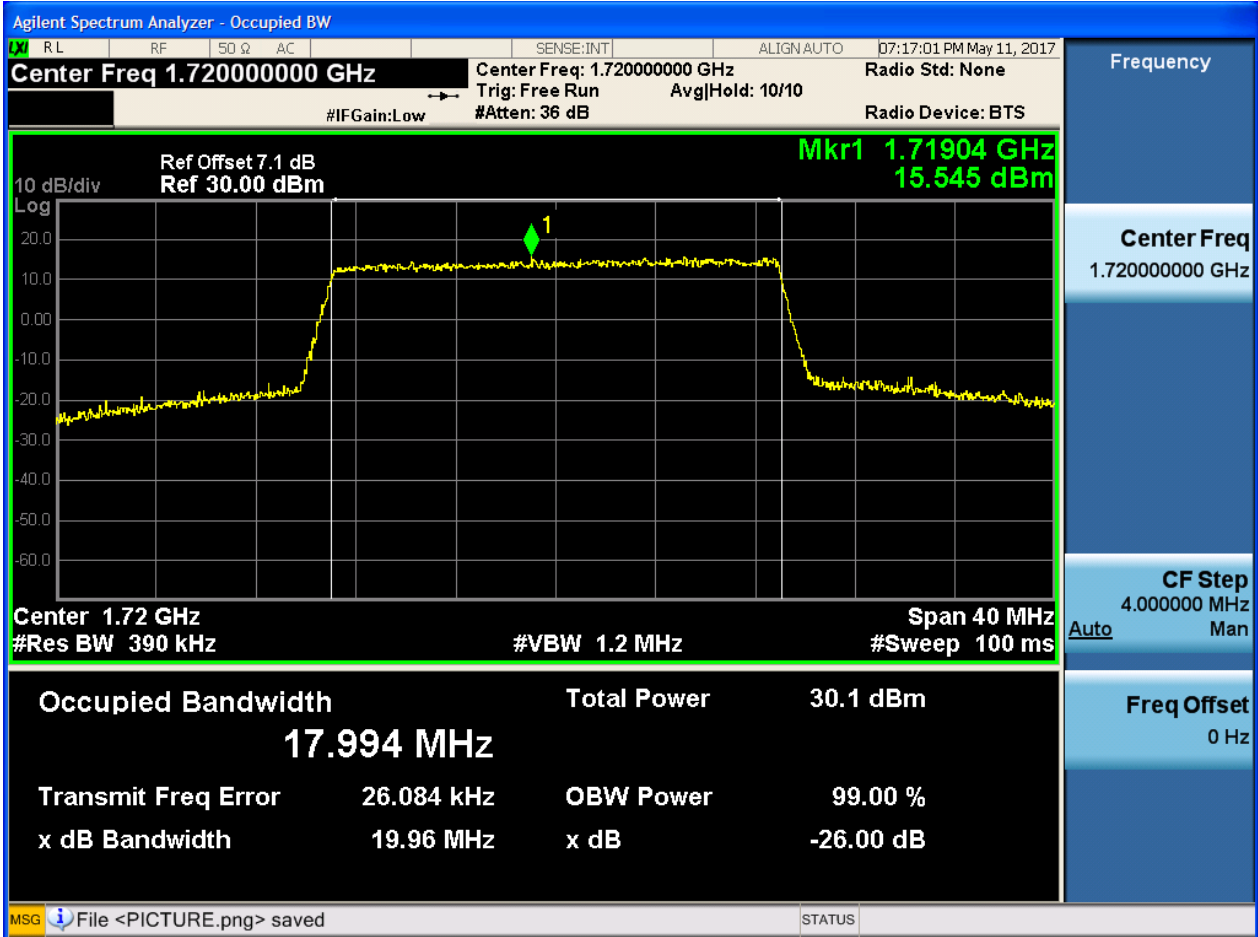




4.1.2.2.6 Test Bandwidth = 20

4.1.2.2.6.1 Test Channel = LCH

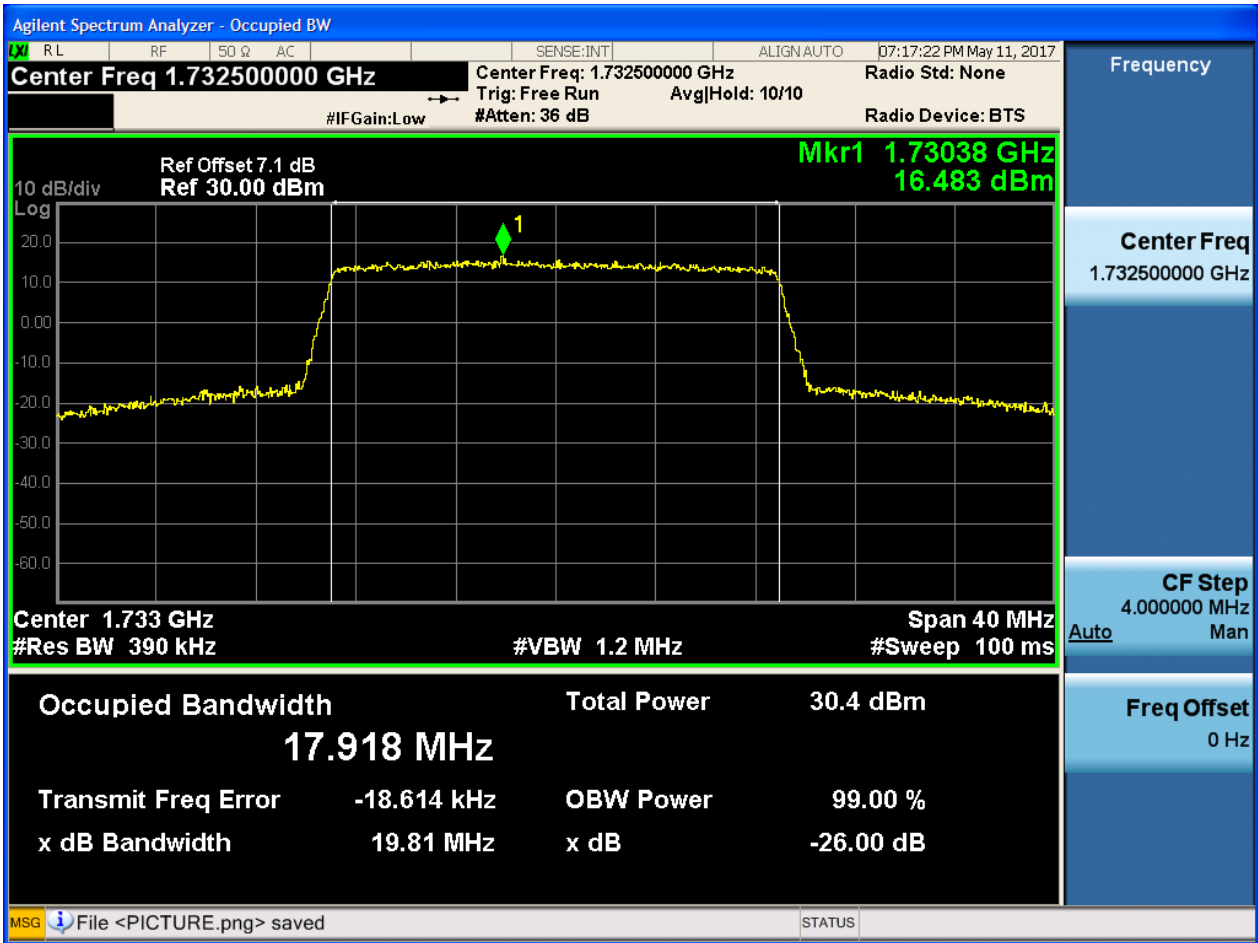
4.1.2.2.6.1.1 Test RB = RB100#0





4.1.2.2.6.2 Test Channel = MCH

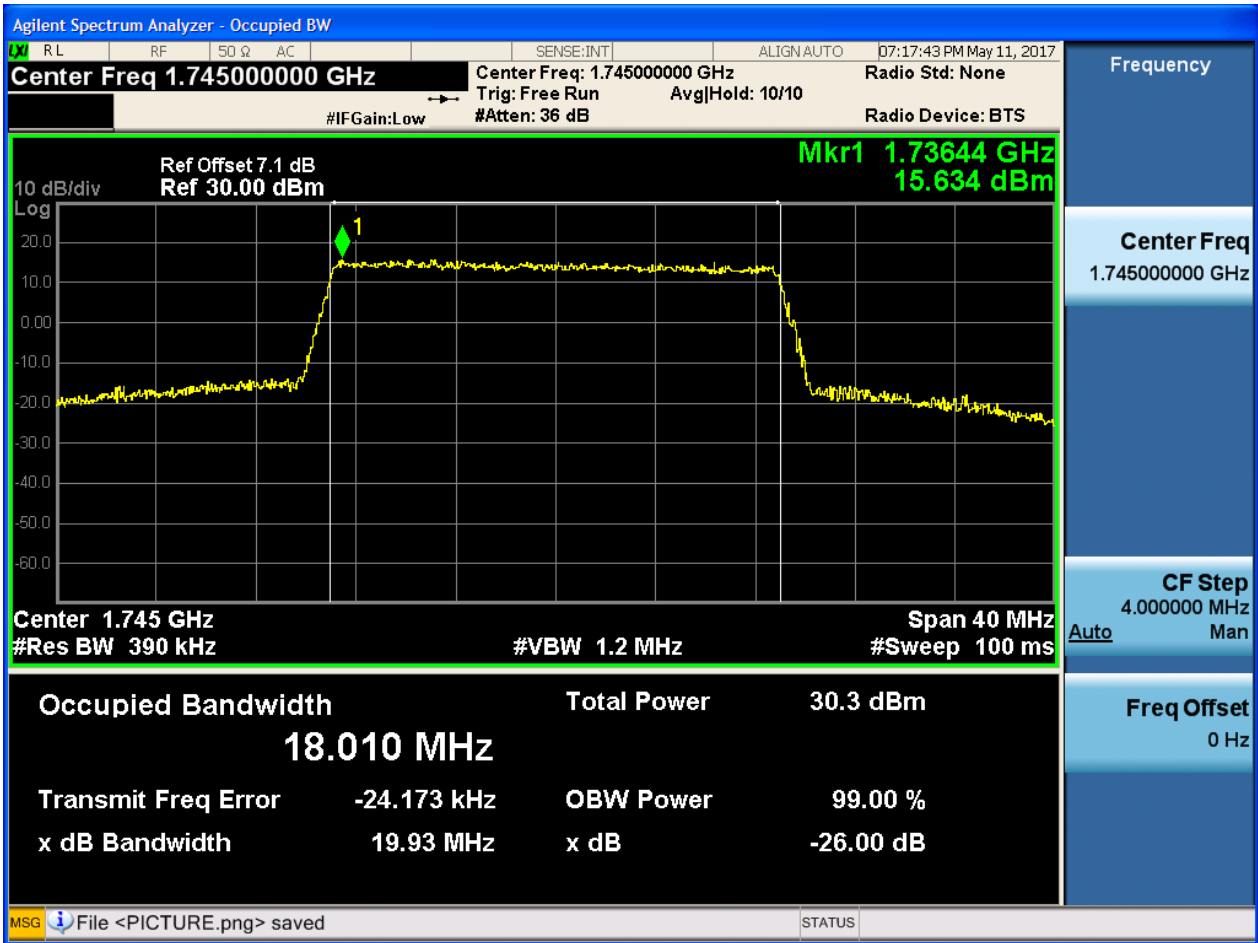
4.1.2.2.6.2.1 Test RB = RB100#0





4.1.2.2.6.3 Test Channel = HCH

4.1.2.2.6.3.1 Test RB = RB100#0





5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

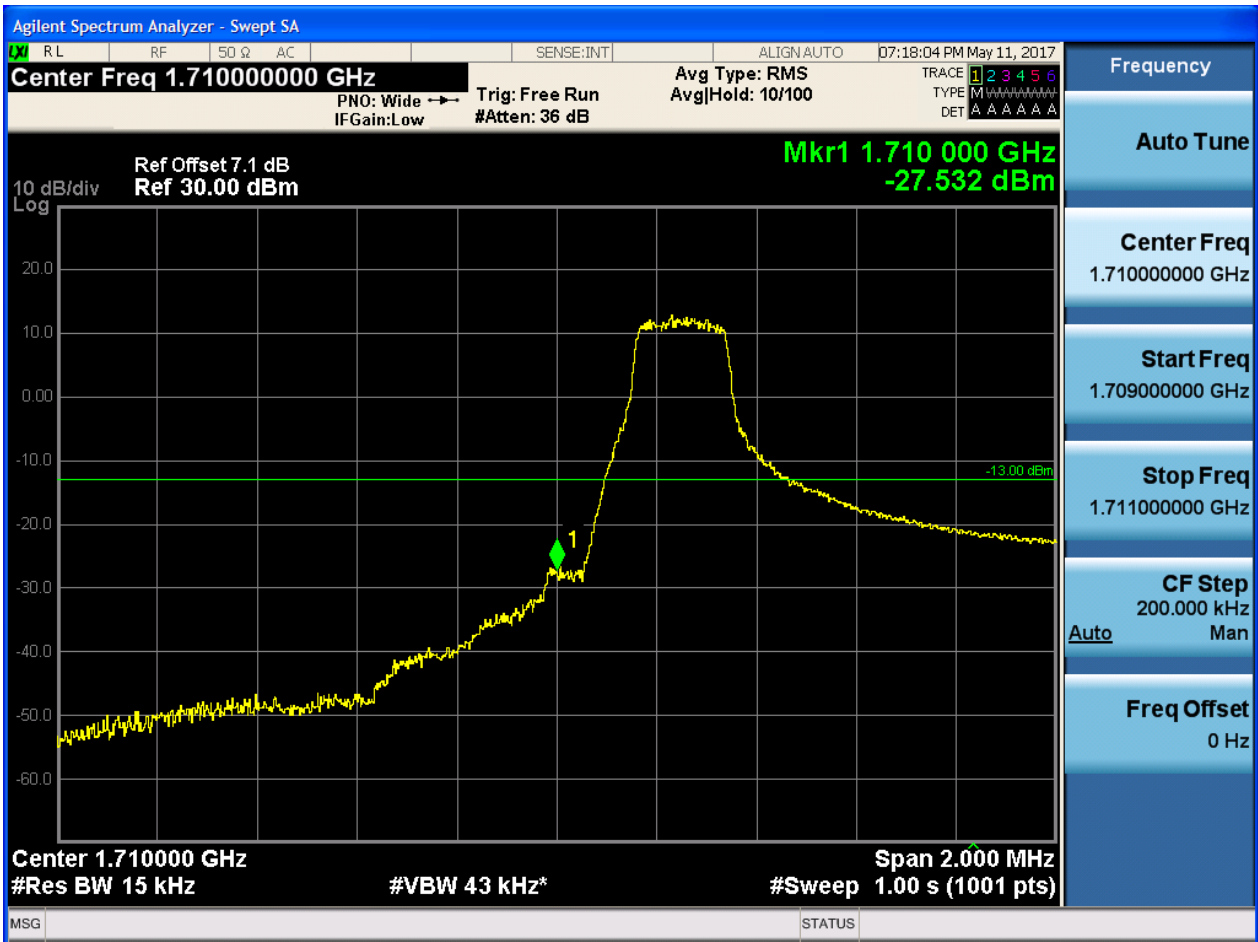
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



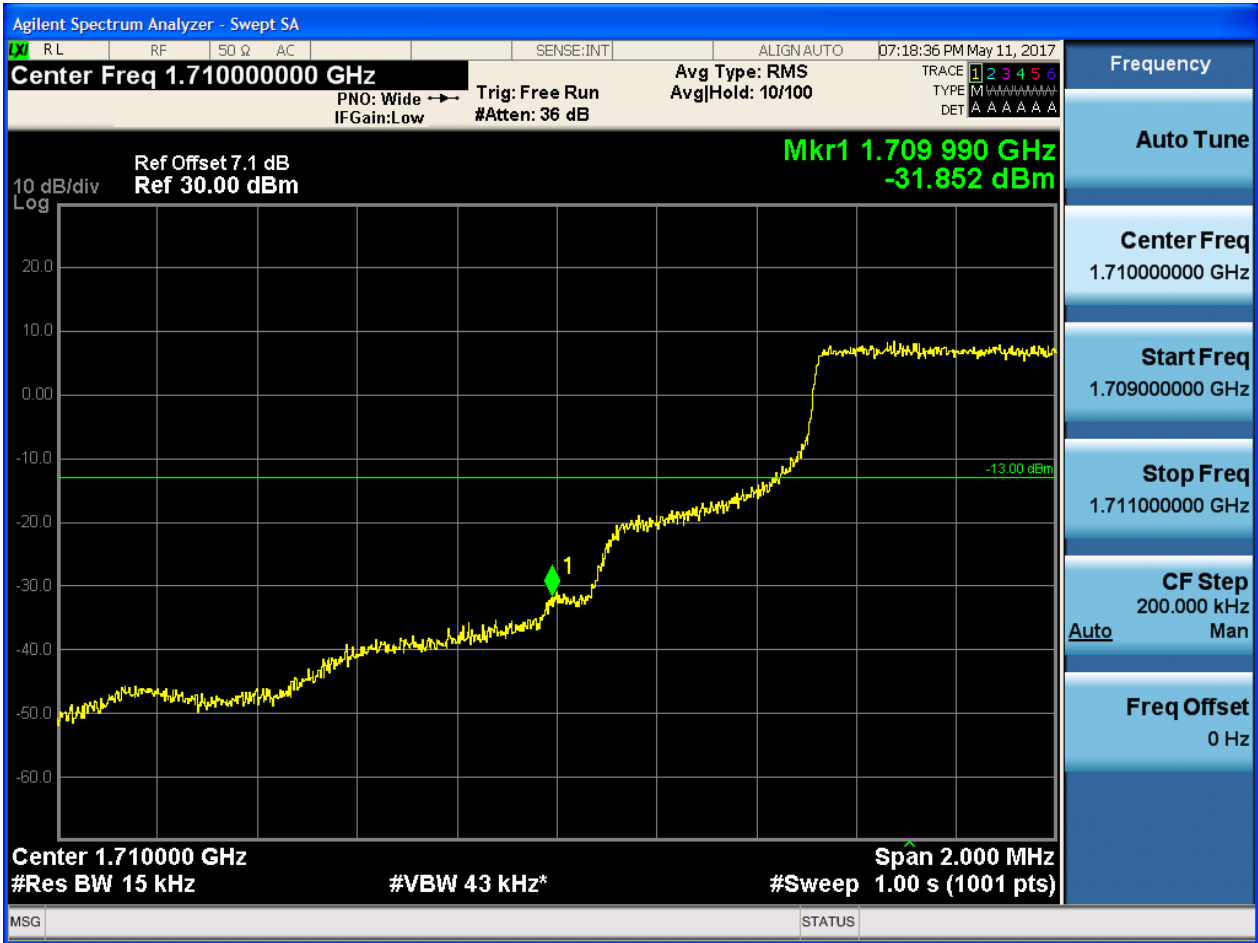


5.1.1.1.1.2 Test RB = RB1#5



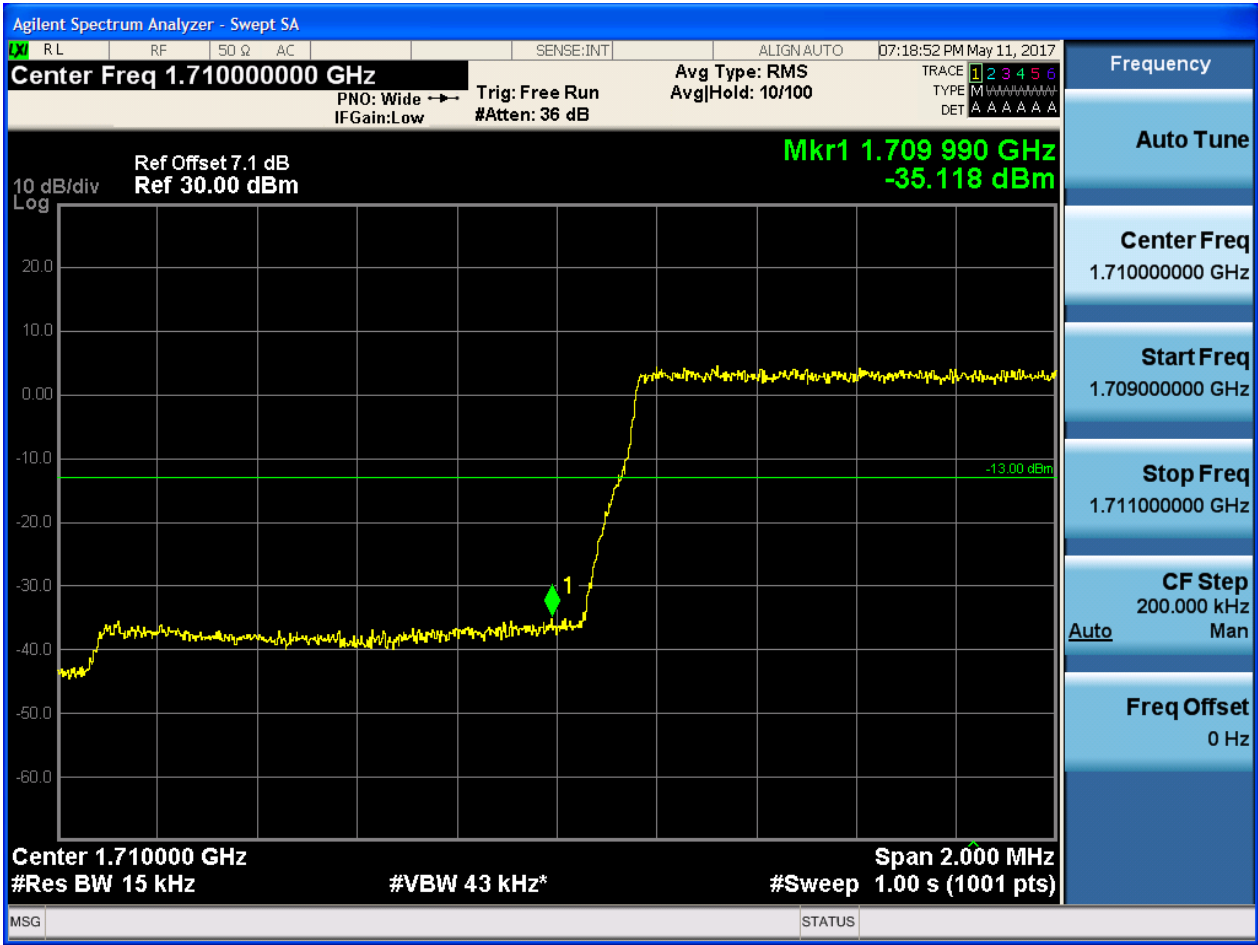


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



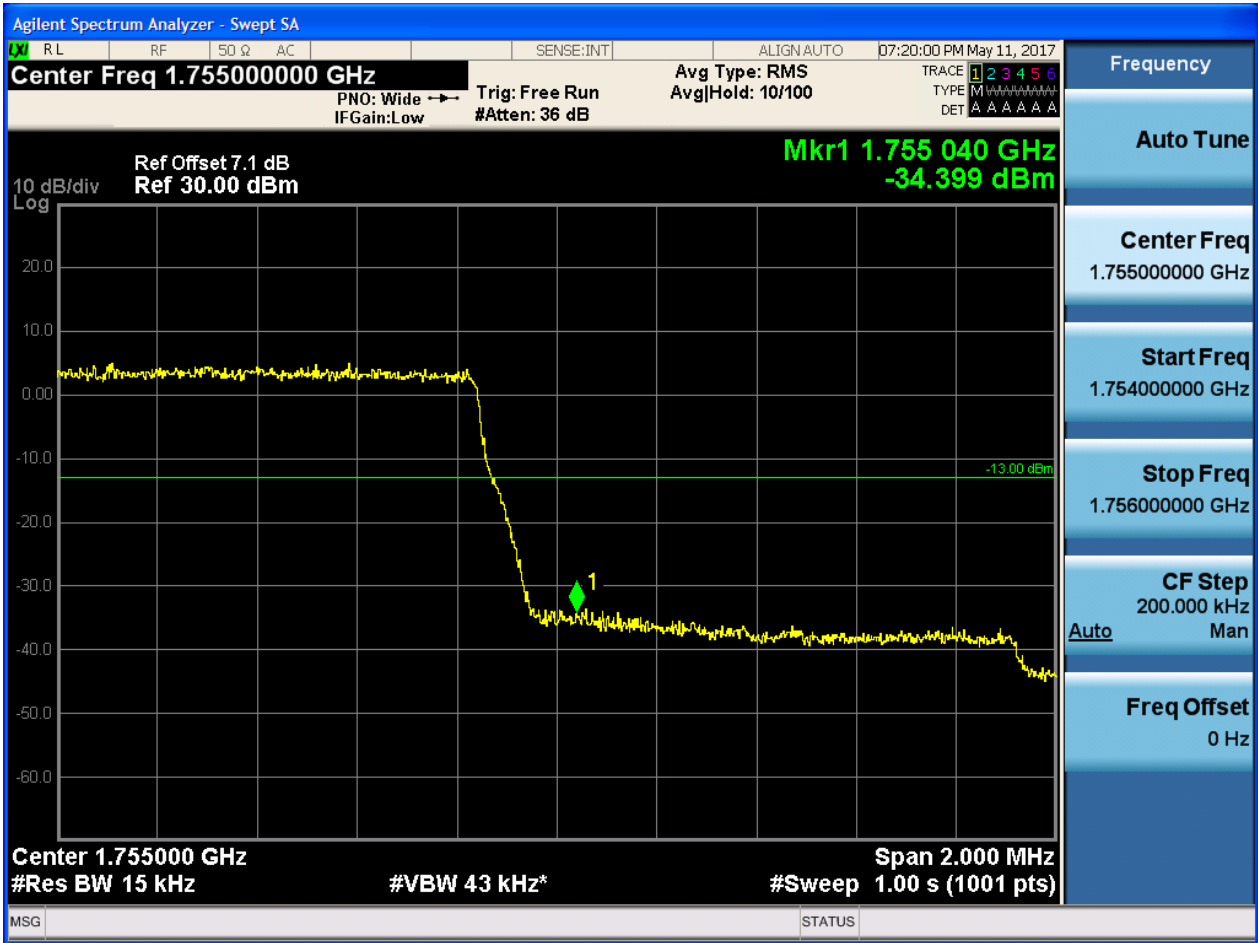


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

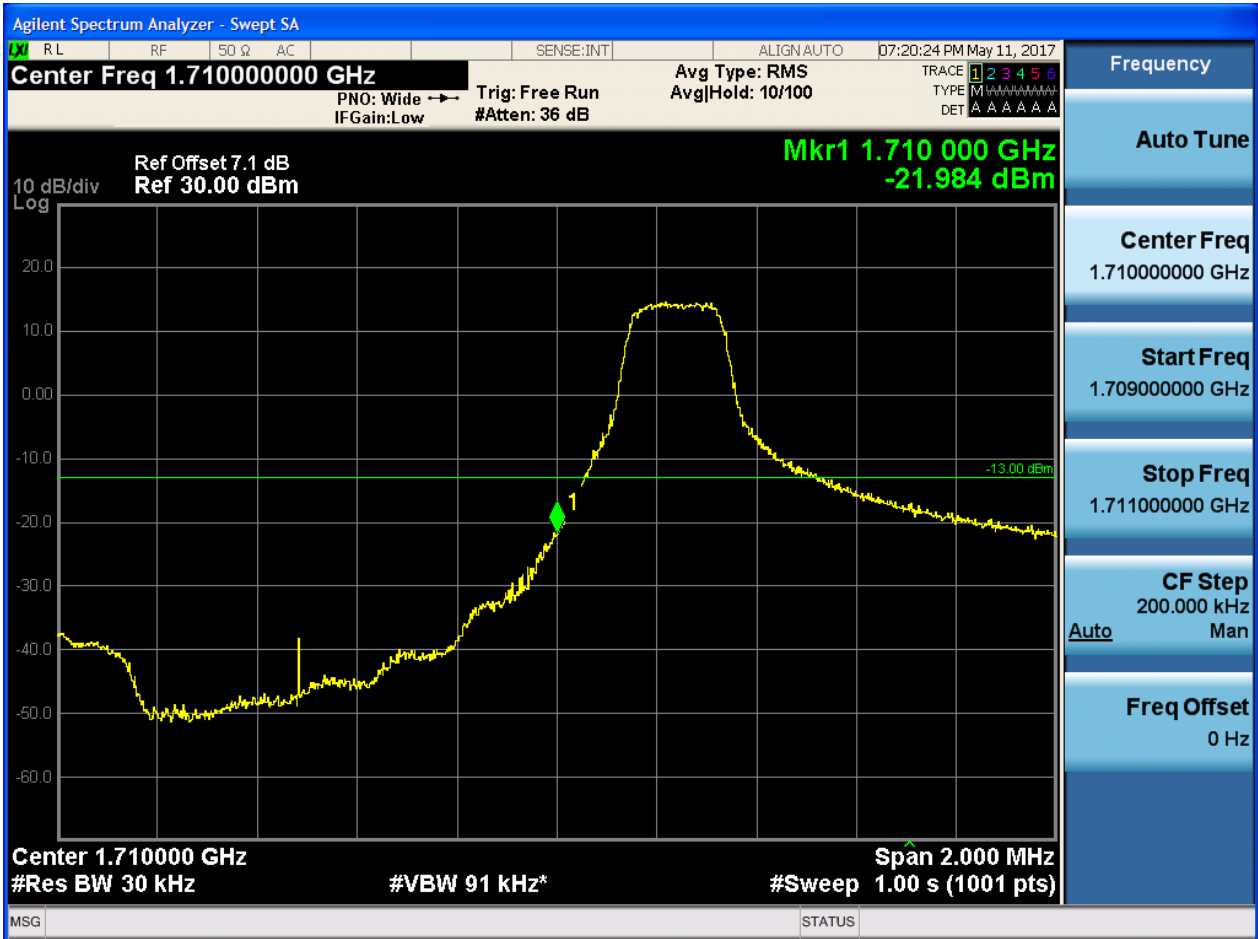




5.1.1.1.2 Test Bandwidth = 3

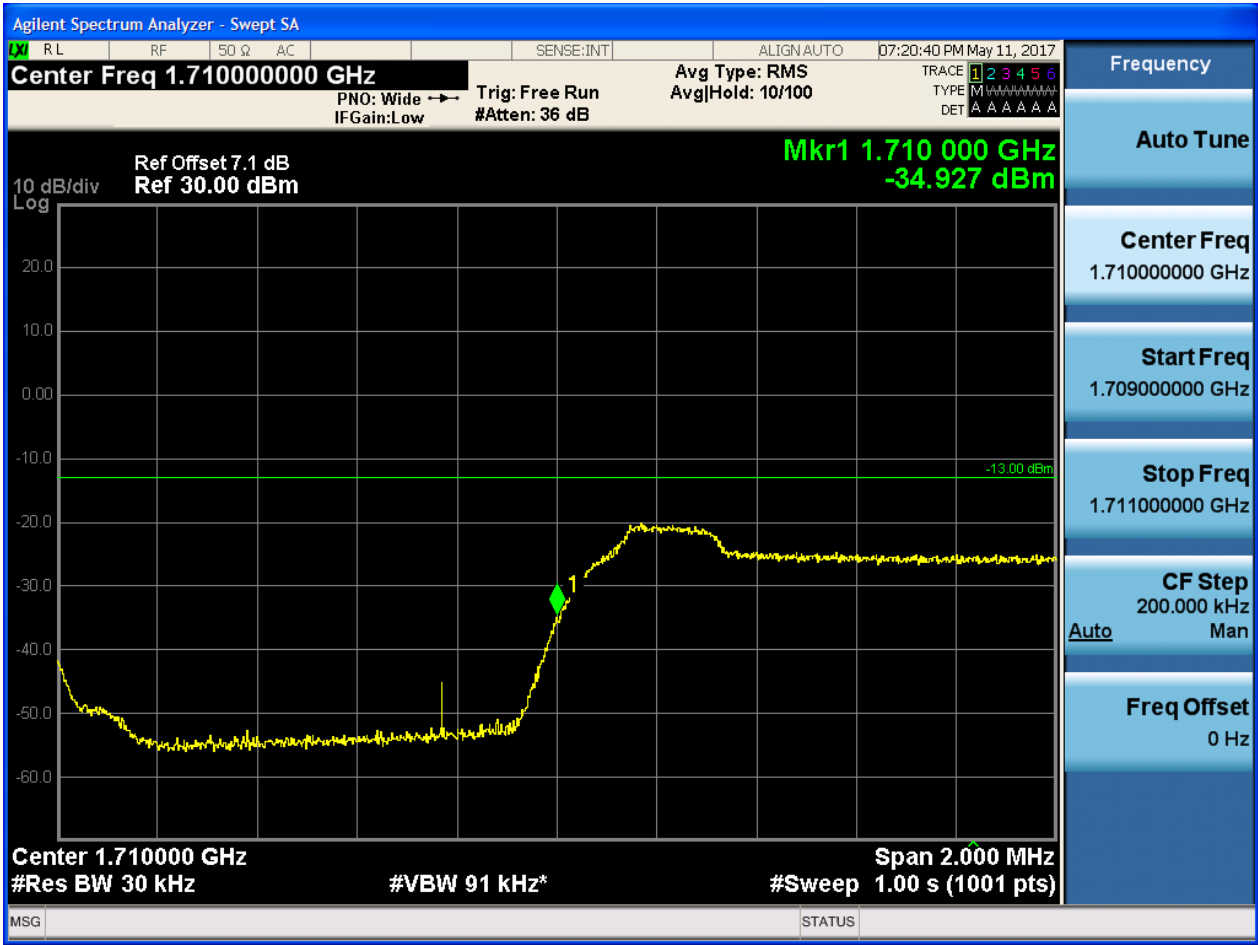
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



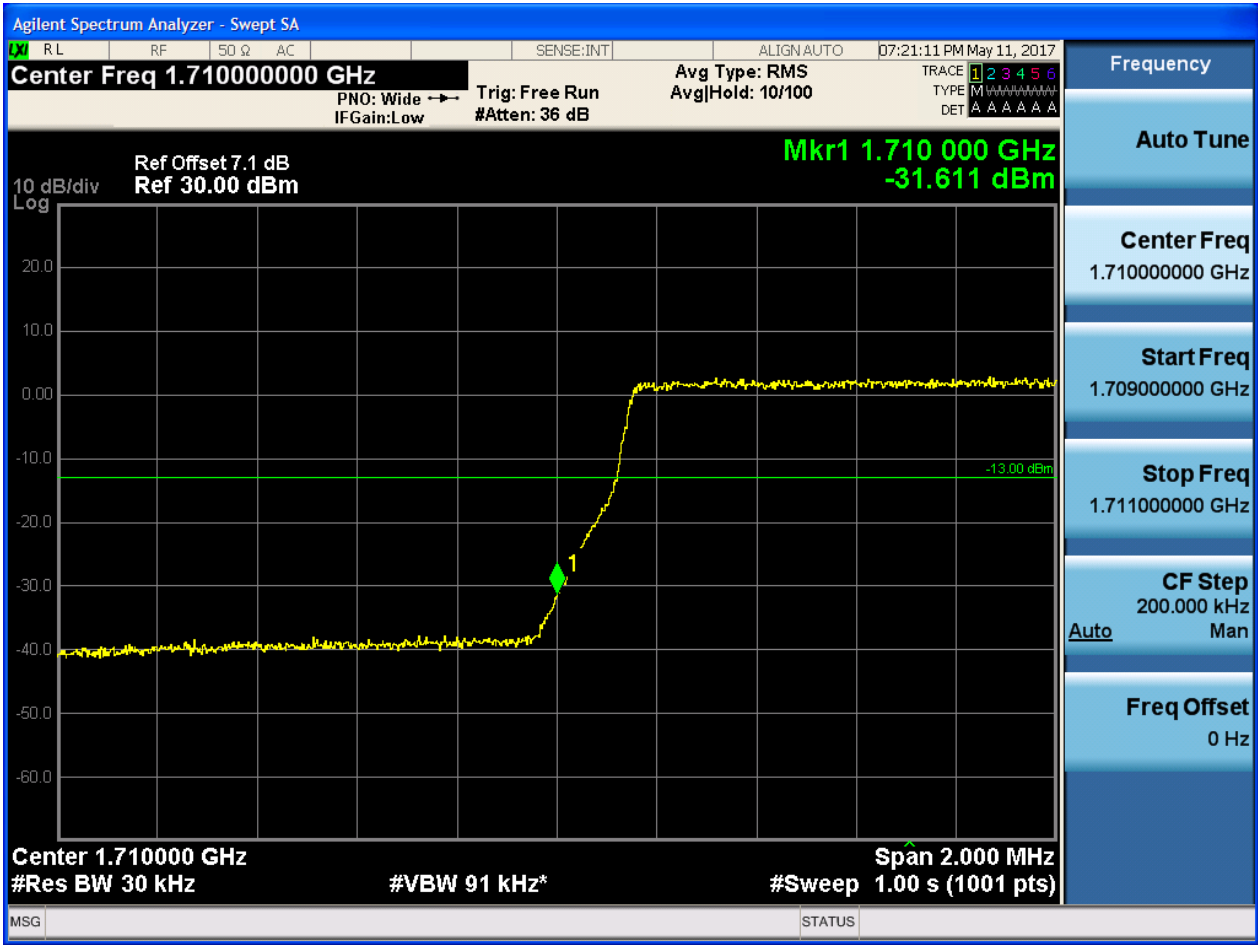


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0





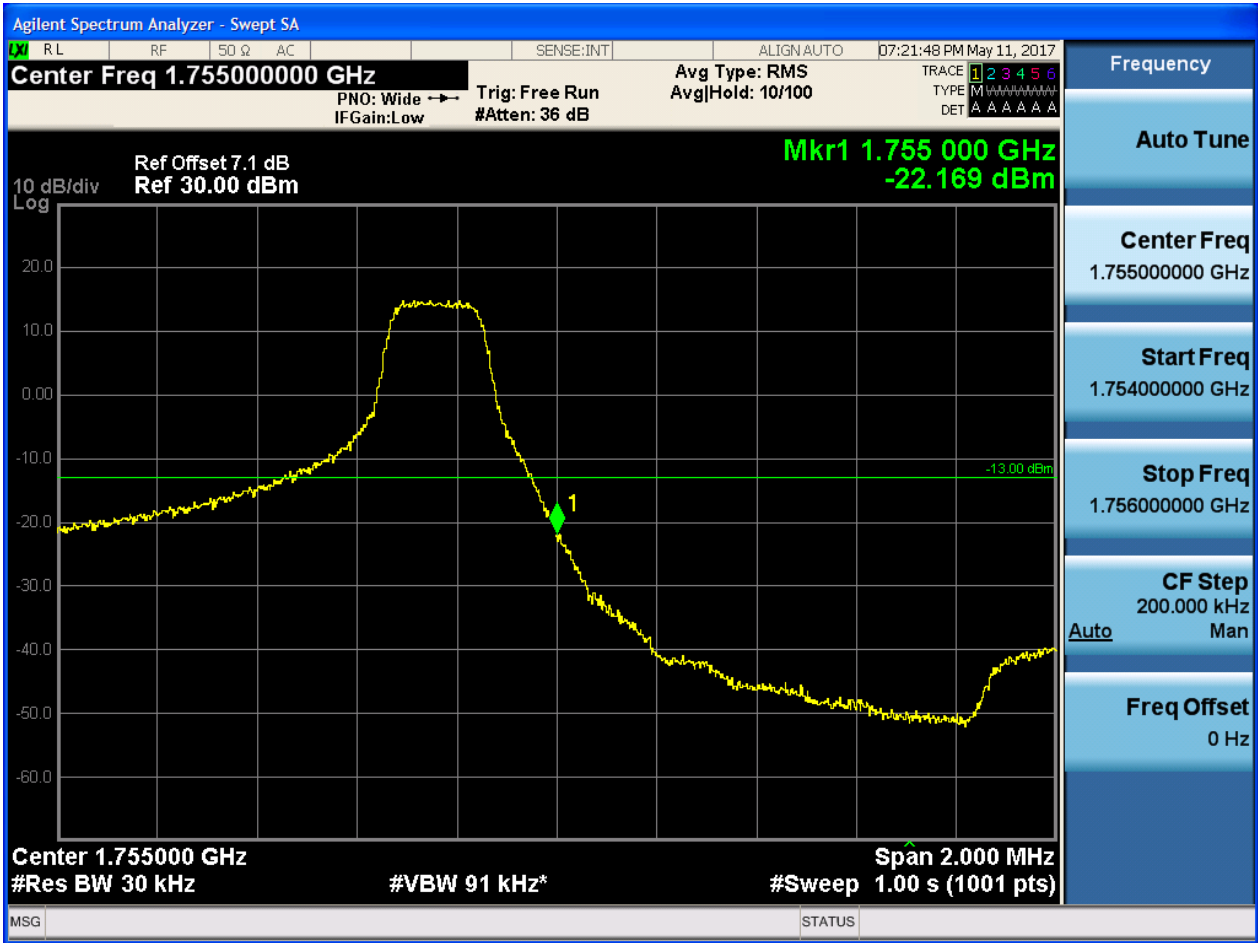
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



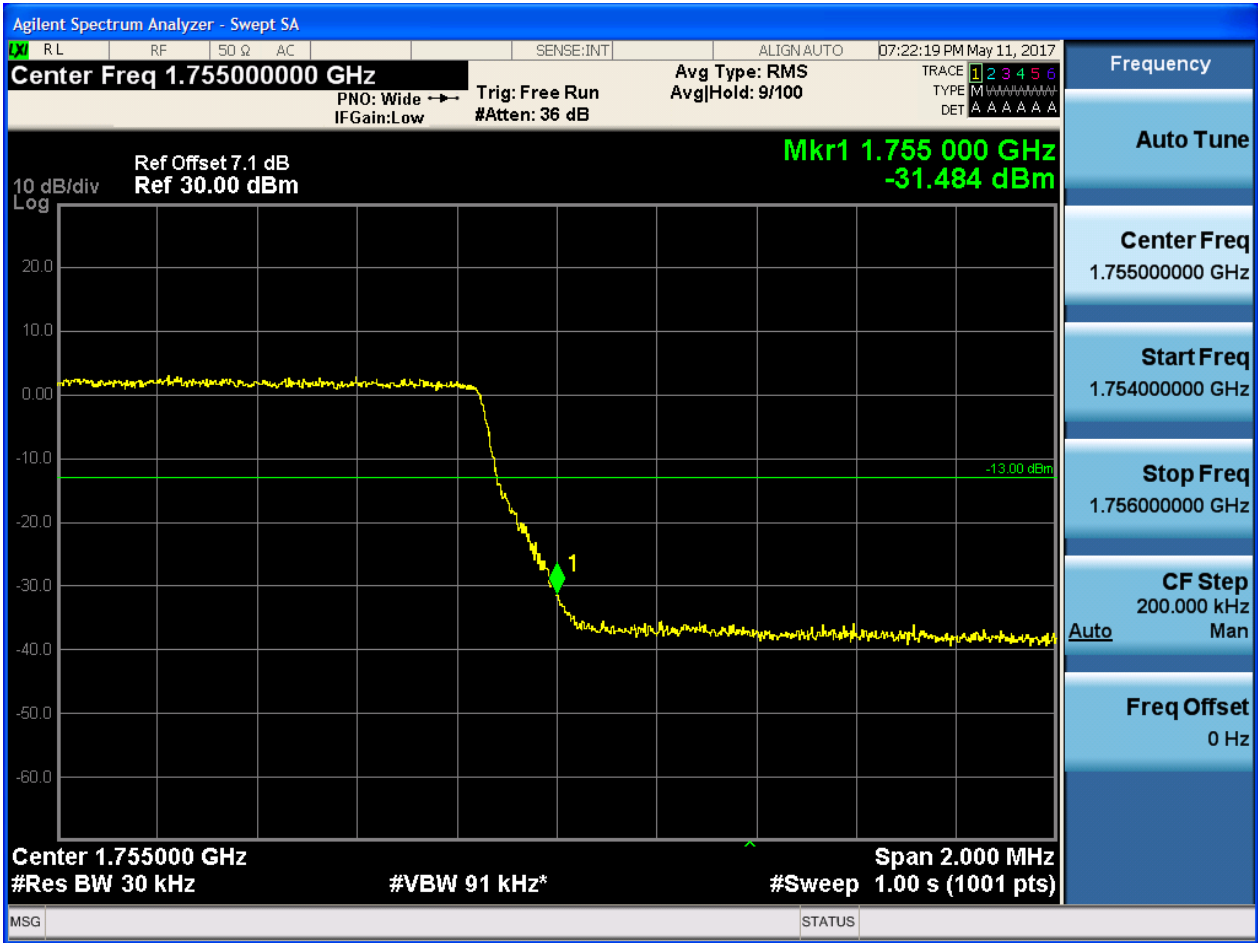


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

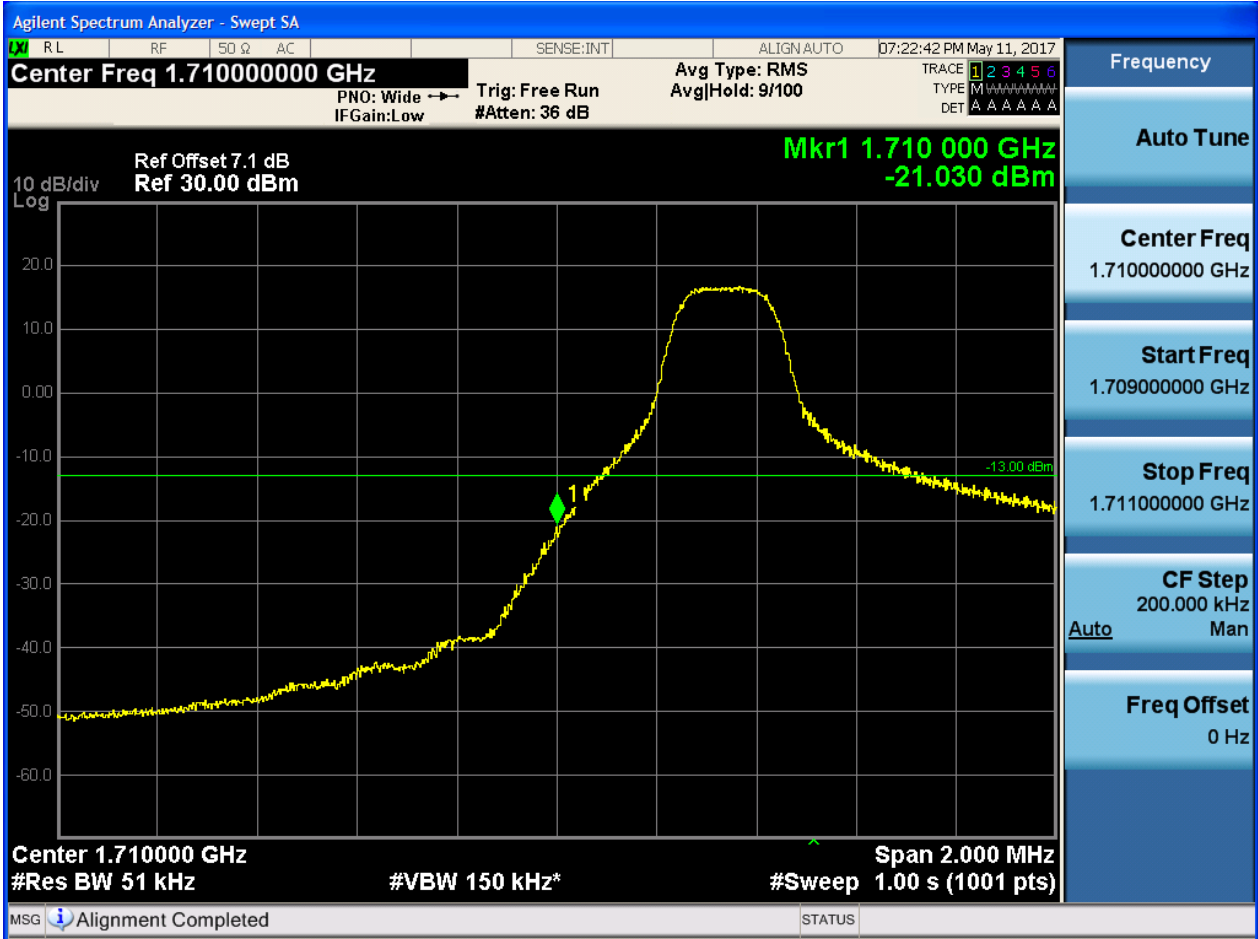




5.1.1.1.3 Test Bandwidth = 5

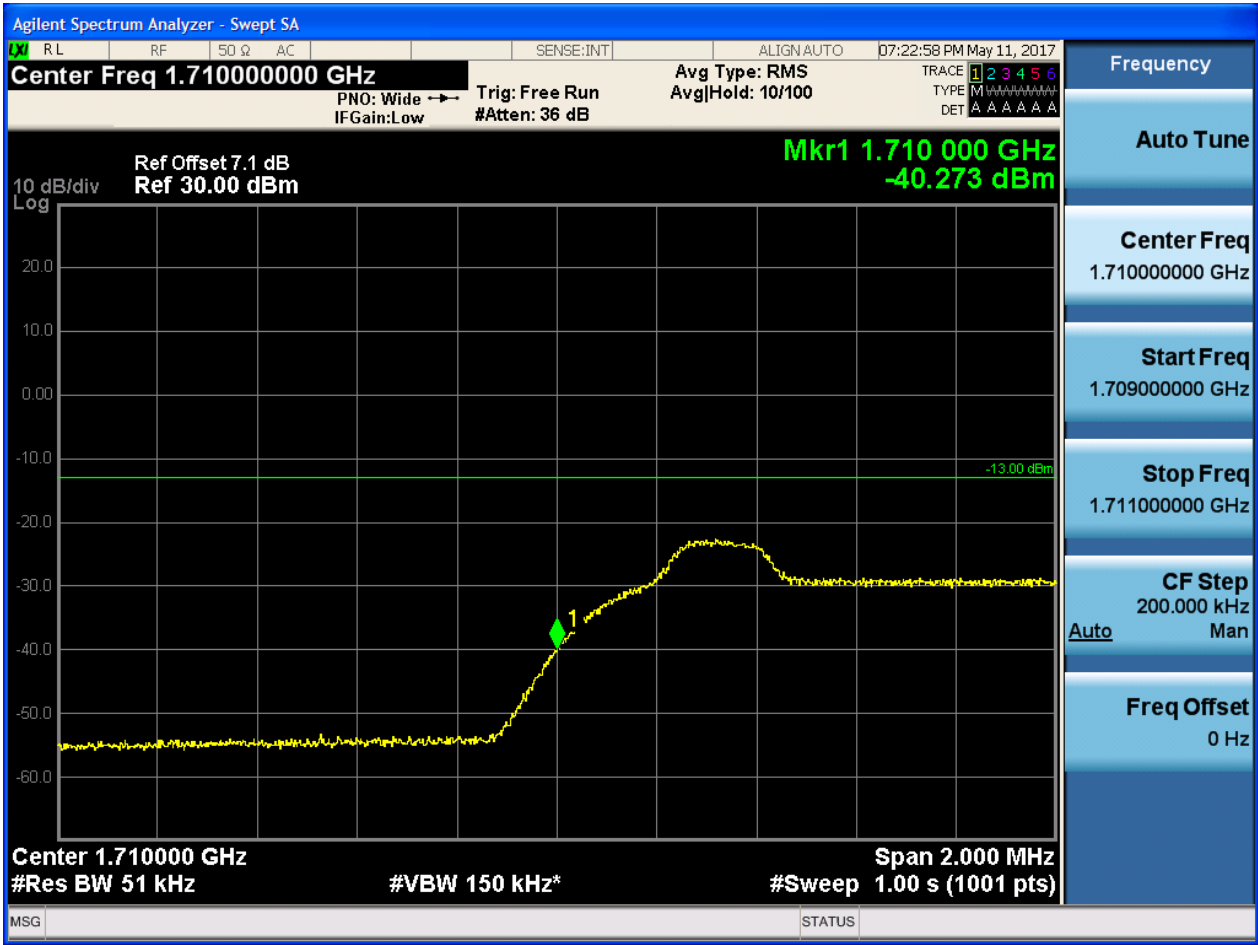
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



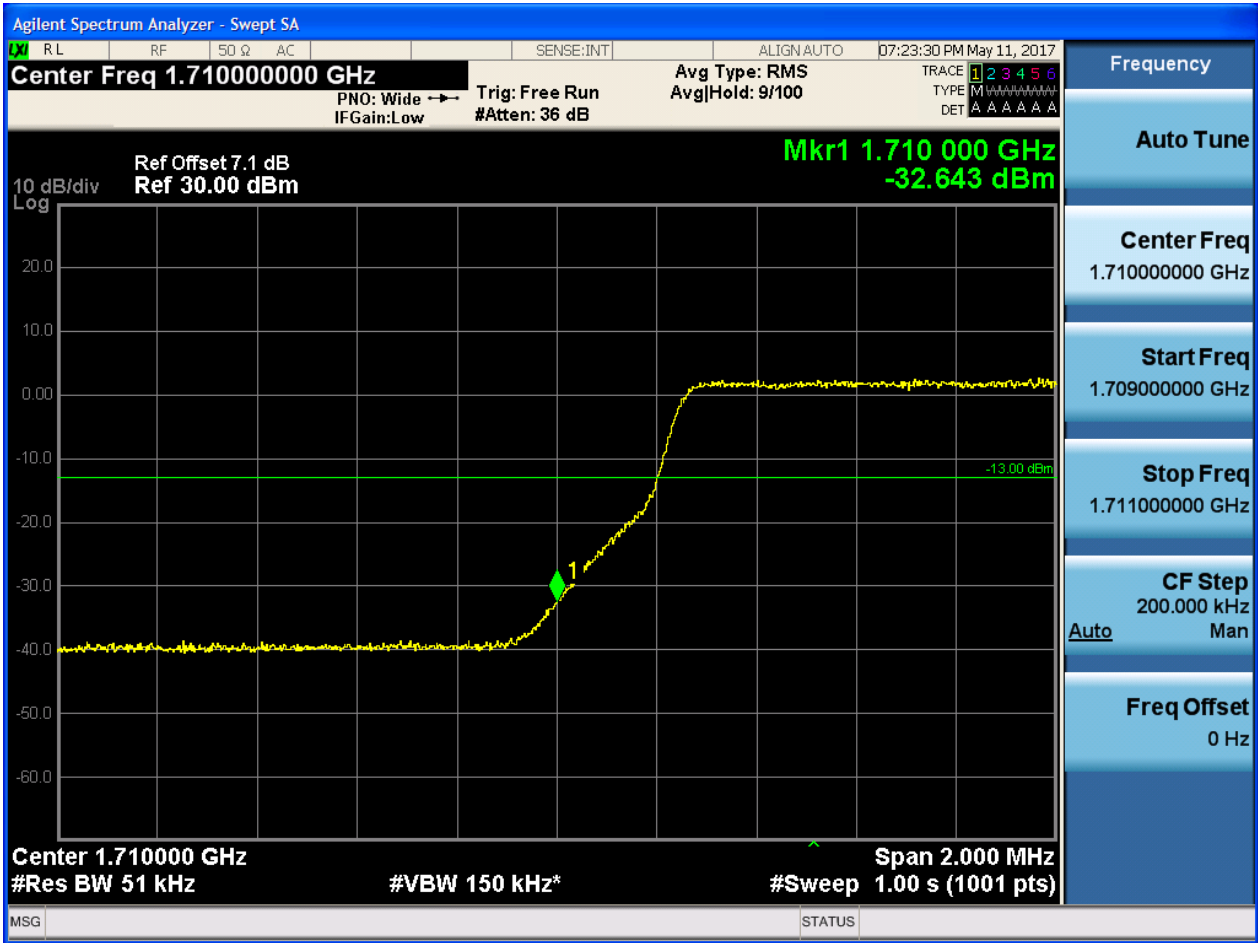


5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





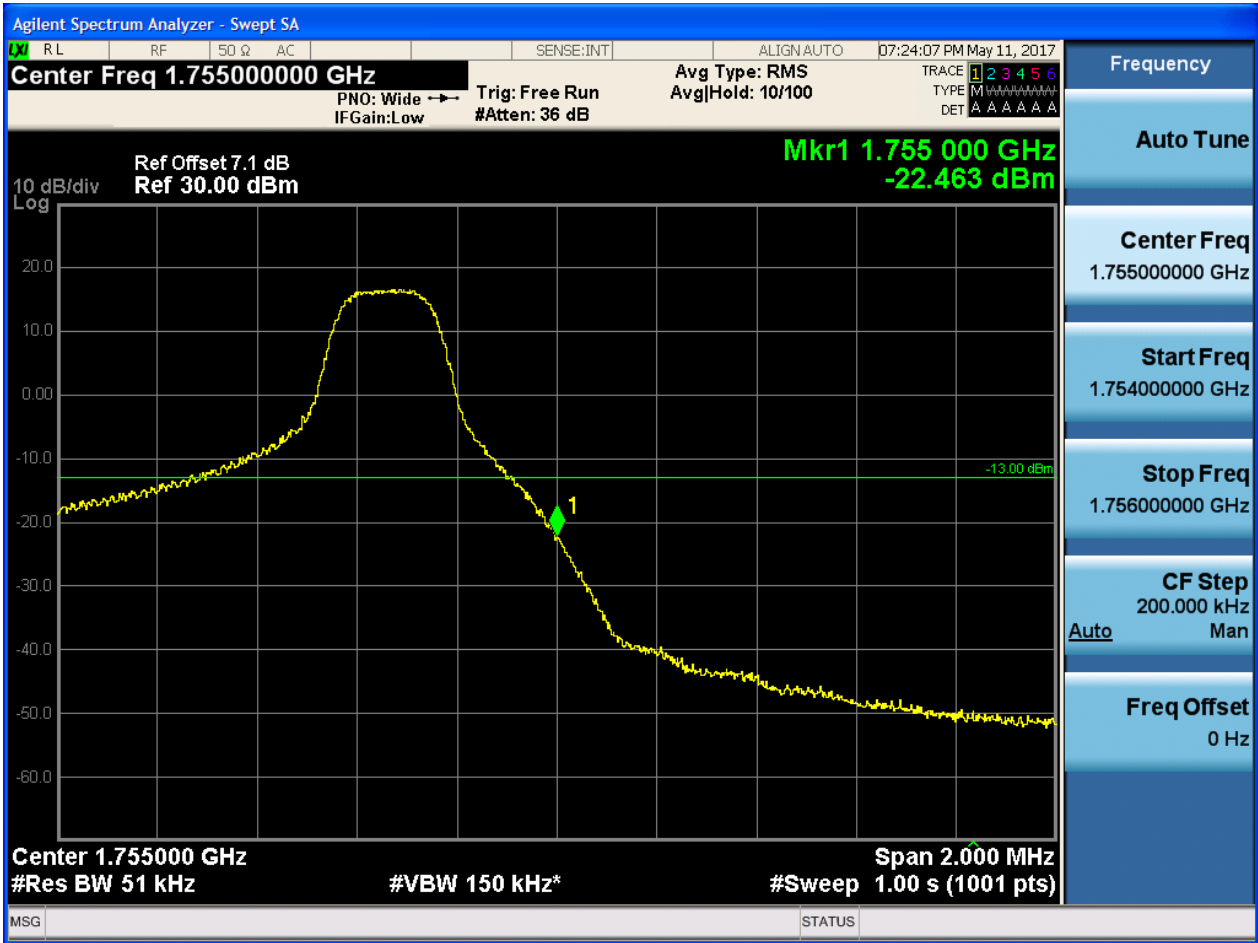
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0





5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0

