



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	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	23.36	21.92	30	PASS
				RB1#3	23.36	21.92	30	PASS
				RB1#5	23.28	21.84	30	PASS
				RB3#0	23.31	21.87	30	PASS
				RB3#2	23.52	22.08	30	PASS
				RB3#3	23.49	22.05	30	PASS
				RB6#0	22.5	21.06	30	PASS
			MCH	RB1#0	23.25	21.81	30	PASS
				RB1#3	23.31	21.87	30	PASS
				RB1#5	23.2	21.76	30	PASS
				RB3#0	23.12	21.68	30	PASS
				RB3#2	23.22	21.78	30	PASS
				RB3#3	23.17	21.73	30	PASS
				RB6#0	22.12	20.68	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.95	21.51	30	PASS
				RB1#3	23.41	21.97	30	PASS
				RB1#5	23.55	22.11	30	PASS
				RB3#0	22.87	21.43	30	PASS
				RB3#2	23.35	21.91	30	PASS
				RB3#3	23.28	21.84	30	PASS
				RB6#0	22.38	20.94	30	PASS
		3	LCH	RB1#0	23.56	22.12	30	PASS
				RB1#7	23.45	22.01	30	PASS
				RB1#14	23.47	22.03	30	PASS
				RB8#0	22.57	21.13	30	PASS
				RB8#4	22.29	20.85	30	PASS
				RB8#7	22.3	20.86	30	PASS
				RB15#0	22.27	20.83	30	PASS
				MCH	RB1#0	23.32	21.88	30
RB1#7	23.23	21.79	30		PASS			
RB1#14	23.32	21.88	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.24	20.8	30	PASS
				RB8#4	22.22	20.78	30	PASS
				RB8#7	22.16	20.72	30	PASS
				RB15#0	22.21	20.77	30	PASS
			HCH	RB1#0	23.31	21.87	30	PASS
			HCH	RB1#7	22.98	21.54	30	PASS
			HCH	RB1#14	23.32	21.88	30	PASS
			HCH	RB8#0	22.25	20.81	30	PASS
			HCH	RB8#4	22.02	20.58	30	PASS
			HCH	RB8#7	22.41	20.97	30	PASS
			HCH	RB15#0	22.3	20.86	30	PASS
		5	LCH	RB1#0	23.34	21.9	30	PASS
		5	LCH	RB1#13	23.43	21.99	30	PASS
		5	LCH	RB1#24	23.4	21.96	30	PASS
		5	LCH	RB12#0	22.25	20.81	30	PASS
		5	LCH	RB12#6	22.4	20.96	30	PASS
		5	LCH	RB12#13	22.41	20.97	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.38	20.94	30	PASS
			MCH	RB1#0	23.28	21.84	30	PASS
				RB1#13	22.93	21.49	30	PASS
				RB1#24	23.15	21.71	30	PASS
				RB12#0	22.25	20.81	30	PASS
				RB12#6	22.27	20.83	30	PASS
				RB12#13	22.17	20.73	30	PASS
				RB25#0	22.25	20.81	30	PASS
				HCH	RB1#0	23.43	21.99	30
			RB1#13		23.15	21.71	30	PASS
			RB1#24		23.46	22.02	30	PASS
			RB12#0		22.3	20.86	30	PASS
			RB12#6		22.42	20.98	30	PASS
			RB12#13		22.4	20.96	30	PASS
			RB25#0		22.35	20.91	30	PASS
		10	LCH		RB1#0	23.59	22.15	30
				RB1#25	23.57	22.13	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.59	22.15	30	PASS
				RB25#0	22.43	20.99	30	PASS
				RB25#13	22.44	21	30	PASS
				RB25#25	22.36	20.92	30	PASS
				RB50#0	22.33	20.89	30	PASS
			MCH	RB1#0	23.49	22.05	30	PASS
			MCH	RB1#25	23.57	22.13	30	PASS
			MCH	RB1#49	23.47	22.03	30	PASS
			MCH	RB25#0	22.26	20.82	30	PASS
			MCH	RB25#13	22.31	20.87	30	PASS
			MCH	RB25#25	22.15	20.71	30	PASS
			MCH	RB50#0	22.24	20.8	30	PASS
			HCH	RB1#0	23.59	22.15	30	PASS
			HCH	RB1#25	23.44	22	30	PASS
			HCH	RB1#49	23.34	21.9	30	PASS
			HCH	RB25#0	22.51	21.07	30	PASS
			HCH	RB25#13	22.48	21.04	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.31	20.87	30	PASS
				RB50#0	22.35	20.91	30	PASS
		15	LCH	RB1#0	23.8	22.36	30	PASS
				RB1#38	24.05	22.61	30	PASS
				RB1#74	23.47	22.03	30	PASS
				RB38#0	22.38	20.94	30	PASS
				RB38#19	22.5	21.06	30	PASS
				RB38#39	22.32	20.88	30	PASS
				RB75#0	22.26	20.82	30	PASS
			MCH	RB1#0	23.36	21.92	30	PASS
				RB1#38	23.28	21.84	30	PASS
				RB1#74	23.3	21.86	30	PASS
				RB38#0	22.26	20.82	30	PASS
				RB38#19	22.26	20.82	30	PASS
				RB38#39	22.24	20.8	30	PASS
HCH	RB75#0	22.31	20.87	30	PASS			
	HCH	RB1#0	23.18	21.74	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	23.34	21.9	30	PASS	
				RB1#74	23.17	21.73	30	PASS	
				RB38#0	22.37	20.93	30	PASS	
				RB38#19	22.42	20.98	30	PASS	
				RB38#39	22.4	20.96	30	PASS	
				RB75#0	22.38	20.94	30	PASS	
		20	LCH	RB1#0	23.19	21.75	30	PASS	
				RB1#50	23.53	22.09	30	PASS	
				RB1#99	23.16	21.72	30	PASS	
				RB50#0	22.36	20.92	30	PASS	
				RB50#25	22.36	20.92	30	PASS	
				RB50#50	22.22	20.78	30	PASS	
				MCH	RB100#0	22.36	20.92	30	PASS
			RB1#0		23.08	21.64	30	PASS	
			RB1#50		23.02	21.58	30	PASS	
			RB1#99		22.77	21.33	30	PASS	
					RB50#0	22.23	20.79	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.23	20.79	30	PASS
				RB50#50	22.24	20.8	30	PASS
				RB100#0	22.29	20.85	30	PASS
			HCH	RB1#0	23.2	21.76	30	PASS
				RB1#50	23.42	21.98	30	PASS
				RB1#99	23	21.56	30	PASS
				RB50#0	22.31	20.87	30	PASS
				RB50#25	22.34	20.9	30	PASS
				RB50#50	22.81	21.37	30	PASS
				RB100#0	22.53	21.09	30	PASS
				LCH	RB1#0	22.25	20.81	30
			RB1#3		22.45	21.01	30	PASS
			RB1#5		22.27	20.83	30	PASS
			RB3#0		22.61	21.17	30	PASS
			RB3#2		22.44	21	30	PASS
RB3#3	22.44	21	30		PASS			
RB6#0	21.19	19.75	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.06	20.62	30	PASS
				RB1#3	22.14	20.7	30	PASS
				RB1#5	22.04	20.6	30	PASS
				RB3#0	22.28	20.84	30	PASS
				RB3#2	22.4	20.96	30	PASS
				RB3#3	22.31	20.87	30	PASS
			RB6#0	21.04	19.6	30	PASS	
			HCH	RB1#0	21.82	20.38	30	PASS
				RB1#3	22.22	20.78	30	PASS
				RB1#5	21.88	20.44	30	PASS
				RB3#0	22.05	20.61	30	PASS
				RB3#2	21.91	20.47	30	PASS
		RB3#3		21.71	20.27	30	PASS	
		3	LCH	RB1#0	22.46	21.02	30	PASS
				RB1#7	22.54	21.1	30	PASS
				RB1#14	22.59	21.15	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.3	19.86	30	PASS
				RB8#4	21.36	19.92	30	PASS
				RB8#7	21.38	19.94	30	PASS
				RB15#0	21.2	19.76	30	PASS
			MCH	RB1#0	22.28	20.84	30	PASS
				RB1#7	22.38	20.94	30	PASS
				RB1#14	22.21	20.77	30	PASS
				RB8#0	21.14	19.7	30	PASS
				RB8#4	21.27	19.83	30	PASS
				RB8#7	21.14	19.7	30	PASS
				RB15#0	21.21	19.77	30	PASS
				HCH	RB1#0	21.98	20.54	30
			RB1#7		22.07	20.63	30	PASS
			RB1#14		21.89	20.45	30	PASS
			RB8#0		20.99	19.55	30	PASS
			RB8#4		21.04	19.6	30	PASS
			RB8#7		21.14	19.7	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.11	19.67	30	PASS
		5	LCH	RB1#0	22.46	21.02	30	PASS
				RB1#13	22.56	21.12	30	PASS
				RB1#24	21.91	20.47	30	PASS
				RB12#0	21.13	19.69	30	PASS
				RB12#6	21.59	20.15	30	PASS
				RB12#13	21.5	20.06	30	PASS
				RB25#0	21.36	19.92	30	PASS
				MCH	RB1#0	22.31	20.87	30
			RB1#13		22.14	20.7	30	PASS
			RB1#24		22.38	20.94	30	PASS
			RB12#0		21.38	19.94	30	PASS
			RB12#6		21.3	19.86	30	PASS
			RB12#13		21.31	19.87	30	PASS
			RB25#0		21.15	19.71	30	PASS
			HCH	RB1#0	22.86	21.42	30	PASS
				RB1#13	22.2	20.76	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	22.23	20.79	30	PASS	
				RB12#0	21.3	19.86	30	PASS	
				RB12#6	21.01	19.57	30	PASS	
				RB12#13	21.34	19.9	30	PASS	
				RB25#0	21.37	19.93	30	PASS	
		10	LCH	RB1#0	23.42	21.98	30	PASS	
				RB1#25	22.92	21.48	30	PASS	
				RB1#49	22.78	21.34	30	PASS	
				RB25#0	21.25	19.81	30	PASS	
				RB25#13	21.3	19.86	30	PASS	
				RB25#25	21.53	20.09	30	PASS	
				RB50#0	21.21	19.77	30	PASS	
				MCH	RB1#0	22.07	20.63	30	PASS
					RB1#25	22.21	20.77	30	PASS
					RB1#49	22.16	20.72	30	PASS
		RB25#0	21.12		19.68	30	PASS		
		RB25#13	21.16		19.72	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.03	19.59	30	PASS
				RB50#0	21.14	19.7	30	PASS
			HCH	RB1#0	22.04	20.6	30	PASS
				RB1#25	22.75	21.31	30	PASS
				RB1#49	22.15	20.71	30	PASS
				RB25#0	21.12	19.68	30	PASS
				RB25#13	21.48	20.04	30	PASS
				RB25#25	21.3	19.86	30	PASS
		RB50#0	21.14	19.7	30	PASS		
		15	LCH	RB1#0	22.25	20.81	30	PASS
				RB1#38	22.6	21.16	30	PASS
				RB1#74	21.55	20.11	30	PASS
				RB38#0	21.49	20.05	30	PASS
				RB38#19	21.35	19.91	30	PASS
				RB38#39	21.4	19.96	30	PASS
RB75#0	21.39			19.95	30	PASS		
MCH	RB1#0	22.19	20.75	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.32	20.88	30	PASS
				RB1#74	22.42	20.98	30	PASS
				RB38#0	21.28	19.84	30	PASS
				RB38#19	21.28	19.84	30	PASS
				RB38#39	21.21	19.77	30	PASS
				RB75#0	21.18	19.74	30	PASS
			HCH	RB1#0	22.59	21.15	30	PASS
				RB1#38	22.55	21.11	30	PASS
				RB1#74	22.49	21.05	30	PASS
				RB38#0	21.09	19.65	30	PASS
				RB38#19	21.34	19.9	30	PASS
				RB38#39	21.11	19.67	30	PASS
		20	LCH	RB1#0	22.33	20.89	30	PASS
				RB1#50	23.02	21.58	30	PASS
				RB1#99	22.42	20.98	30	PASS
				RB50#0	21.33	19.89	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measure d[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.42	19.98	30	PASS
				RB50#50	21.28	19.84	30	PASS
				RB100#0	21.26	19.82	30	PASS
			MCH	RB1#0	22.45	21.01	30	PASS
				RB1#50	22.51	21.07	30	PASS
				RB1#99	22.33	20.89	30	PASS
				RB50#0	21.17	19.73	30	PASS
				RB50#25	21.17	19.73	30	PASS
				RB50#50	21.12	19.68	30	PASS
				RB100#0	21.3	19.86	30	PASS
			HCH	RB1#0	22.6	21.16	30	PASS
				RB1#50	22.64	21.2	30	PASS
				RB1#99	22.11	20.67	30	PASS
				RB50#0	21.23	19.79	30	PASS
				RB50#25	21.33	19.89	30	PASS
				RB50#50	21.21	19.77	30	PASS
				RB100#0	21.27	19.83	30	PASS



Note1:

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

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

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

b, SGP = Signal Generator Level

Note2:

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

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

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

SET Sweep time = auto - couple.

Detector: RMS



2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.46	13	PASS
				RB1#3	4.37	13	PASS
				RB1#5	4.42	13	PASS
				RB3#0	4.86	13	PASS
				RB3#2	4.77	13	PASS
				RB3#3	4.82	13	PASS
				RB6#0	5.58	13	PASS
			MCH	RB1#0	3.49	13	PASS
				RB1#3	3.6	13	PASS
				RB1#5	3.6	13	PASS
				RB3#0	3.75	13	PASS
				RB3#2	3.81	13	PASS
				RB3#3	4.01	13	PASS
				RB6#0	5.15	13	PASS
		HCH	RB1#0	4.5	13	PASS	
			RB1#3	4.02	13	PASS	
			RB1#5	4.08	13	PASS	
			RB3#0	4.57	13	PASS	
			RB3#2	4.16	13	PASS	
			RB3#3	4.34	13	PASS	
			RB6#0	5.31	13	PASS	
		3	LCH	RB1#0	4.67	13	PASS
				RB1#7	4.48	13	PASS
				RB1#14	4.6	13	PASS
				RB8#0	5.11	13	PASS
				RB8#4	5.13	13	PASS
				RB8#7	5.24	13	PASS
				RB15#0	5.23	13	PASS
MCH	RB1#0		3.61	13	PASS		
	RB1#7		3.31	13	PASS		
	RB1#14		3.58	13	PASS		
	RB8#0		4.57	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	4.51	13	PASS	
				RB8#7	4.76	13	PASS	
				RB15#0	4.95	13	PASS	
			HCH	RB1#0	4.61	13	PASS	
				RB1#7	4.03	13	PASS	
				RB1#14	4.11	13	PASS	
				RB8#0	5.19	13	PASS	
				RB8#4	5.01	13	PASS	
				RB8#7	5.06	13	PASS	
			RB15#0	5.5	13	PASS		
			5	LCH	RB1#0	4.66	13	PASS
					RB1#13	4.52	13	PASS
					RB1#24	4.6	13	PASS
					RB12#0	5.21	13	PASS
					RB12#6	5.27	13	PASS
		RB12#13			5.22	13	PASS	
		RB25#0		5.86	13	PASS		
		MCH		RB1#0	3.54	13	PASS	
				RB1#13	3.57	13	PASS	
				RB1#24	3.77	13	PASS	
				RB12#0	4.44	13	PASS	
				RB12#6	4.44	13	PASS	
				RB12#13	4.54	13	PASS	
		RB25#0		5.1	13	PASS		
		HCH		RB1#0	4.49	13	PASS	
				RB1#13	4.41	13	PASS	
				RB1#24	4.14	13	PASS	
				RB12#0	5.2	13	PASS	
			RB12#6	4.87	13	PASS		
			RB12#13	5.05	13	PASS		
		RB25#0	5.51	13	PASS			
		10	LCH	RB1#0	4.77	13	PASS	
				RB1#25	4.38	13	PASS	
RB1#49	4.36			13	PASS			
RB25#0	5.34			13	PASS			
RB25#13	5.2			13	PASS			
RB25#25	5.24			13	PASS			
RB50#0	5.41		13	PASS				
MCH	RB1#0	3.52	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#25	3.3	13	PASS			
				RB1#49	3.72	13	PASS			
				RB25#0	4.48	13	PASS			
				RB25#13	4.45	13	PASS			
				RB25#25	4.65	13	PASS			
				RB50#0	5.28	13	PASS			
			HCH	RB1#0	4.58	13	PASS			
				RB1#25	4.36	13	PASS			
				RB1#49	4.2	13	PASS			
				RB25#0	5.18	13	PASS			
				RB25#13	5.14	13	PASS			
				RB25#25	5.04	13	PASS			
				LCH	15		RB1#0	4.7	13	PASS
							RB1#38	4.49	13	PASS
		RB1#74					4.13	13	PASS	
		RB38#0					5.24	13	PASS	
		RB38#19					5.35	13	PASS	
		RB38#39					5.15	13	PASS	
		MCH		RB75#0		5.95	13	PASS		
				RB1#0		3.58	13	PASS		
				RB1#38		3.36	13	PASS		
				RB1#74		4.38	13	PASS		
				RB38#0		4.87	13	PASS		
				RB38#19		4.9	13	PASS		
		HCH		RB38#39		5.01	13	PASS		
				RB75#0		5.54	13	PASS		
			RB1#0	4.36	13	PASS				
			RB1#38	4.46	13	PASS				
			RB1#74	4.27	13	PASS				
			RB38#0	5.18	13	PASS				
			LCH	20		RB38#19	5.14	13	PASS	
						RB38#39	5.09	13	PASS	
RB75#0	5.65					13	PASS			
RB1#0	4.79					13	PASS			
RB1#50	4.5					13	PASS			
RB1#99	4.19	13	PASS							
RB50#0	5.36	13	PASS							
RB50#25	5.24	13	PASS							



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB50#50	5.09	13	PASS	
				RB100#0	5.93	13	PASS	
			MCH	RB1#0	3.93	13	PASS	
				RB1#50	3.63	13	PASS	
				RB1#99	4.58	13	PASS	
				RB50#0	4.97	13	PASS	
				RB50#25	4.93	13	PASS	
				RB50#50	5.23	13	PASS	
			HCH	RB100#0	5.83	13	PASS	
				RB1#0	3.76	13	PASS	
				RB1#50	4.51	13	PASS	
				RB1#99	4.28	13	PASS	
				RB50#0	5.27	13	PASS	
				RB50#25	5.34	13	PASS	
				LCH	RB50#50	5.17	13	PASS
					RB100#0	5.41	13	PASS
					RB1#0	5.6	13	PASS
					RB1#3	5.49	13	PASS
					RB1#5	5.51	13	PASS
					RB3#0	5.8	13	PASS
				MCH	RB3#2	5.68	13	PASS
					RB3#3	5.82	13	PASS
					RB6#0	6.16	13	PASS
					RB1#0	4.64	13	PASS
					RB1#3	4.55	13	PASS
					RB1#5	4.57	13	PASS
				HCH	RB3#0	4.72	13	PASS
					RB3#2	4.67	13	PASS
			RB3#3		4.78	13	PASS	
			RB6#0		5.44	13	PASS	
RB1#0	5.43	13	PASS					
RB1#3	5.4	13	PASS					
		3	LCH	RB1#5	5.27	13	PASS	
				RB3#0	5.56	13	PASS	
				RB3#2	5.41	13	PASS	
				RB3#3	5.56	13	PASS	
				RB6#0	6.16	13	PASS	
				RB1#0	5.4	13	PASS	
				RB1#7	5.28	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	5.54	13	PASS
				RB8#0	5.99	13	PASS
				RB8#4	6	13	PASS
				RB8#7	6.12	13	PASS
				RB15#0	6.81	13	PASS
			MCH	RB1#0	4.4	13	PASS
				RB1#7	4.36	13	PASS
				RB1#14	4.68	13	PASS
				RB8#0	5.28	13	PASS
				RB8#4	5.18	13	PASS
				RB8#7	5.35	13	PASS
			HCH	RB15#0	5.9	13	PASS
				RB1#0	5.41	13	PASS
				RB1#7	5.2	13	PASS
				RB1#14	5.28	13	PASS
		RB8#0		5.89	13	PASS	
		RB8#4		5.93	13	PASS	
		5	LCH	RB8#7	5.81	13	PASS
				RB15#0	6.41	13	PASS
				RB1#0	5.67	13	PASS
				RB1#13	5.58	13	PASS
				RB1#24	5.61	13	PASS
				RB12#0	6.23	13	PASS
				RB12#6	6.07	13	PASS
			MCH	RB12#13	6.19	13	PASS
				RB25#0	6.59	13	PASS
				RB1#0	4.62	13	PASS
				RB1#13	4.59	13	PASS
				RB1#24	4.83	13	PASS
				RB12#0	5.44	13	PASS
HCH	RB12#6		5.35	13	PASS		
	RB12#13		5.5	13	PASS		
	RB25#0	6.01	13	PASS			
	RB1#0	5.07	13	PASS			
	RB1#13	4.99	13	PASS			
	RB1#24	4.84	13	PASS			
RB12#0	6.03	13	PASS				
RB12#6	5.9	13	PASS				
RB12#13	5.86	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB25#0	6.6	13	PASS
				RB1#0	5.83	13	PASS
				RB1#25	5.51	13	PASS
				RB1#49	5.52	13	PASS
				RB25#0	6.45	13	PASS
				RB25#13	6.36	13	PASS
				RB25#25	6.44	13	PASS
			RB50#0	6.5	13	PASS	
			MCH	RB1#0	4.61	13	PASS
				RB1#25	4.43	13	PASS
				RB1#49	4.8	13	PASS
				RB25#0	5.52	13	PASS
				RB25#13	5.48	13	PASS
				RB25#25	5.72	13	PASS
				RB50#0	6.35	13	PASS
			HCH	RB1#0	5.72	13	PASS
				RB1#25	5.4	13	PASS
				RB1#49	5.34	13	PASS
				RB25#0	6.14	13	PASS
				RB25#13	5.98	13	PASS
				RB25#25	6.07	13	PASS
		RB50#0		6.25	13	PASS	
		15	LCH	RB1#0	5.84	13	PASS
				RB1#38	5.52	13	PASS
				RB1#74	5.22	13	PASS
				RB38#0	6.4	13	PASS
				RB38#19	6.3	13	PASS
				RB38#39	6.32	13	PASS
				RB75#0	6.75	13	PASS
			MCH	RB1#0	4.63	13	PASS
				RB1#38	4.29	13	PASS
				RB1#74	5.55	13	PASS
				RB38#0	6.06	13	PASS
				RB38#19	6.04	13	PASS
				RB38#39	6.22	13	PASS
				RB75#0	6.37	13	PASS
HCH	RB1#0		4.88	13	PASS		
	RB1#38	4.98	13	PASS			
	RB1#74	4.67	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#0	6.26	13	PASS	
				RB38#19	6.27	13	PASS	
				RB38#39	6.22	13	PASS	
				RB75#0	6.55	13	PASS	
		20	LCH	RB1#0	5.29	13	PASS	
				RB1#50	5.04	13	PASS	
				RB1#99	4.91	13	PASS	
				RB50#0	6.41	13	PASS	
				RB50#25	6.07	13	PASS	
				RB50#50	6.11	13	PASS	
				RB100#0	6.63	13	PASS	
				MCH	RB1#0	4.53	13	PASS
					RB1#50	4.28	13	PASS
					RB1#99	4.65	13	PASS
			RB50#0		5.53	13	PASS	
			RB50#25		5.49	13	PASS	
			RB50#50		5.69	13	PASS	
			HCH	RB100#0	5.95	13	PASS	
				RB1#0	4.59	13	PASS	
				RB1#50	5.11	13	PASS	
				RB1#99	5.25	13	PASS	
				RB50#0	6.33	13	PASS	
				RB50#25	6.22	13	PASS	
				RB50#50	6.28	13	PASS	
		RB100#0	6.5	13	PASS			

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

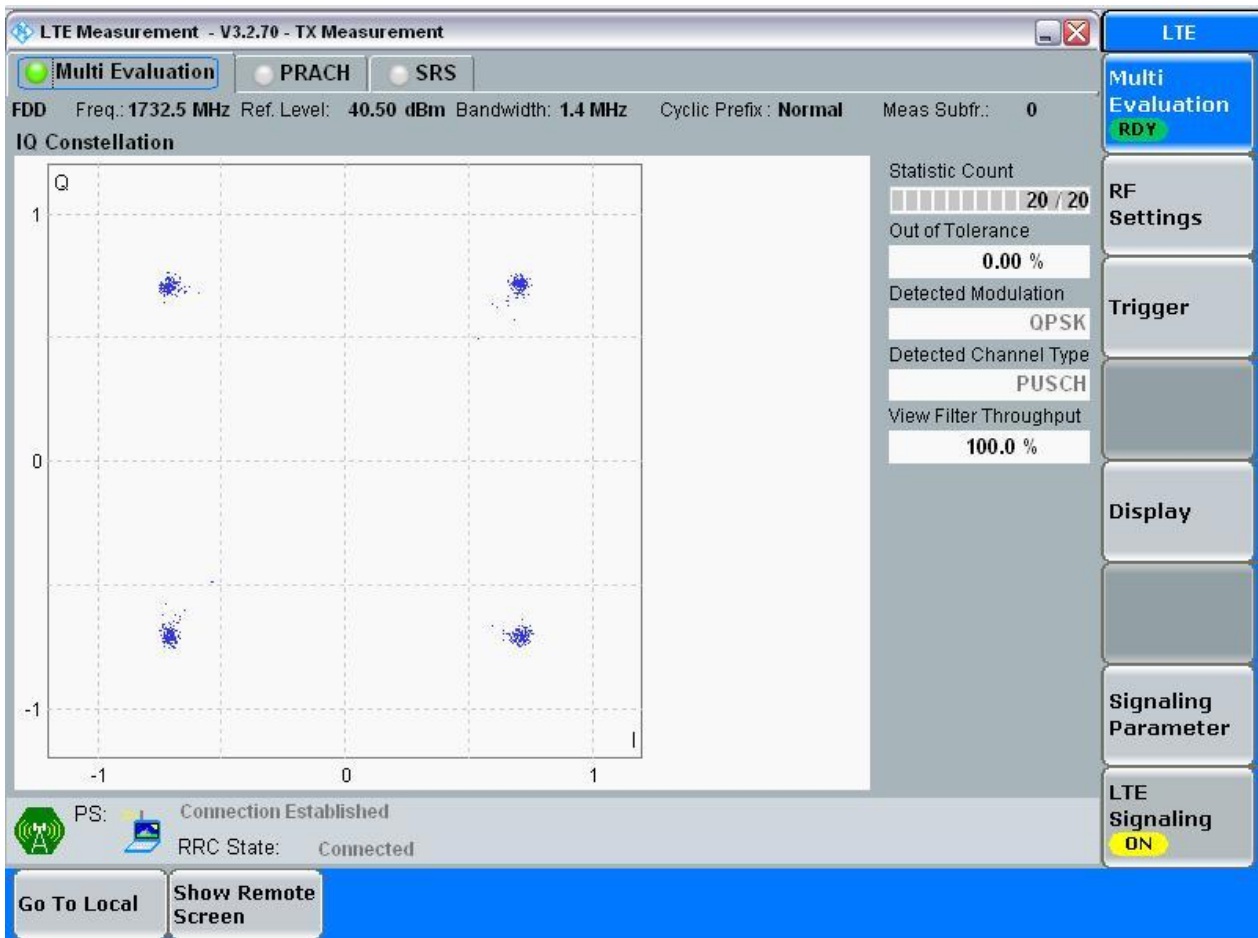
3.1.1 Test Band = BAND4

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

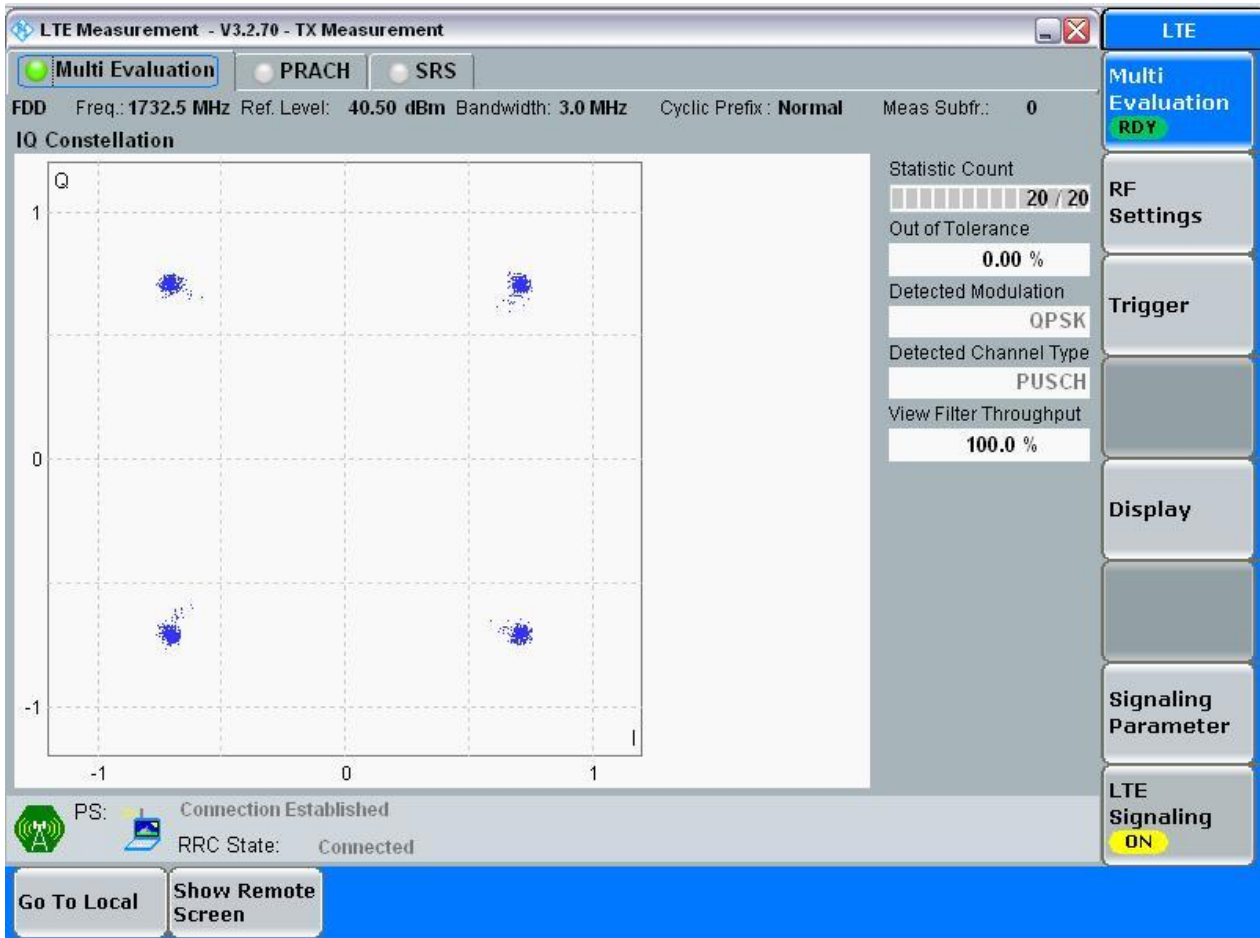
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

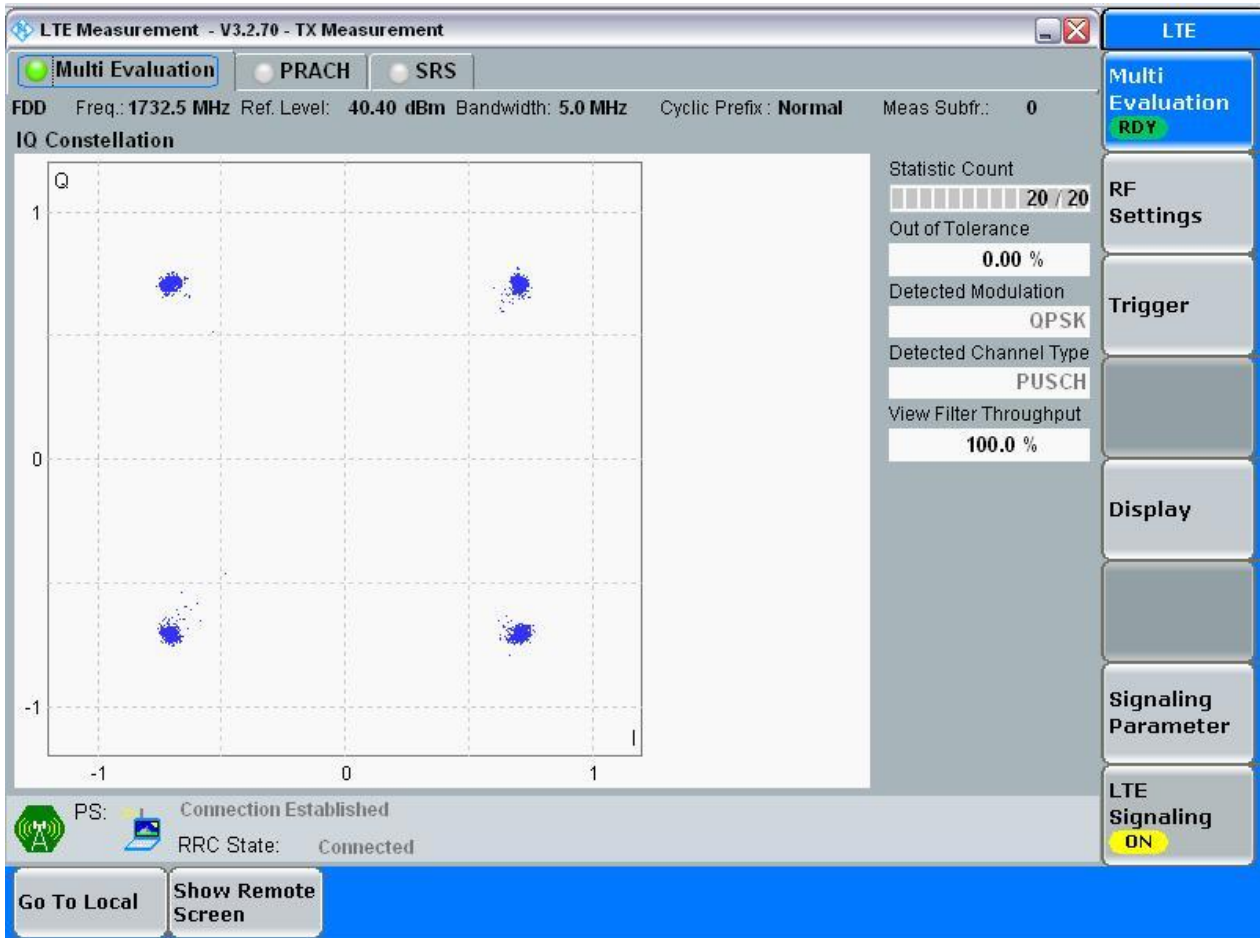
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

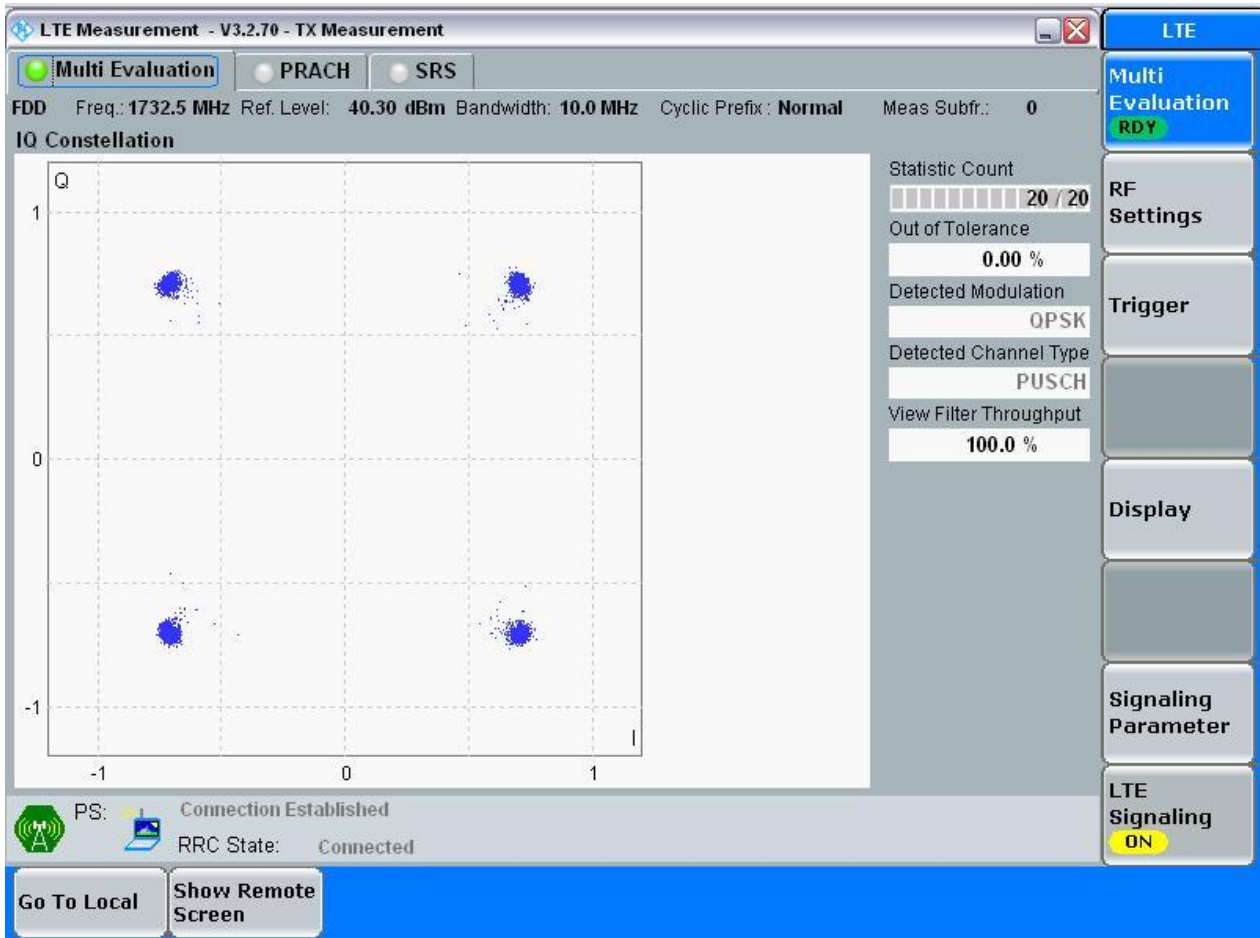
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

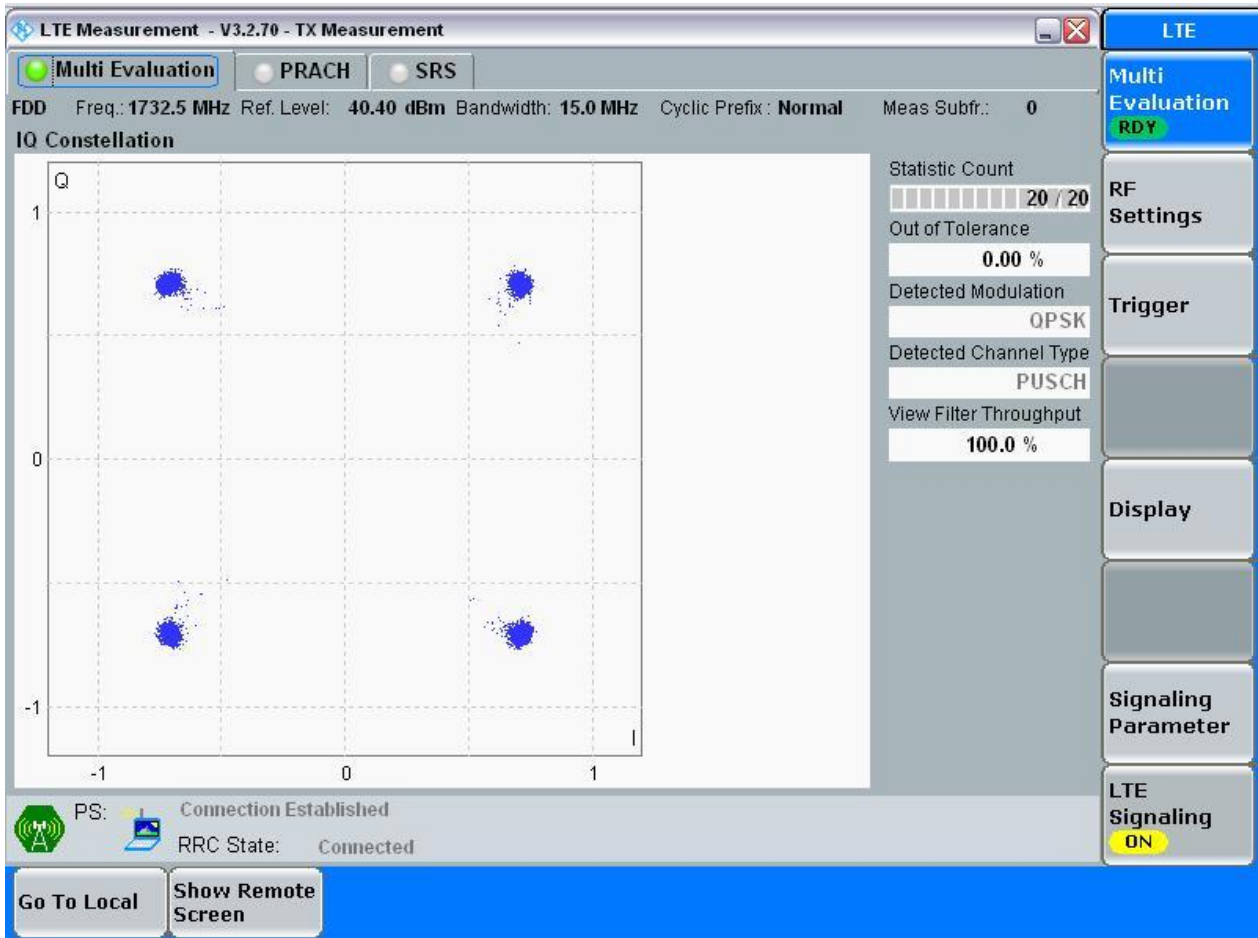
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

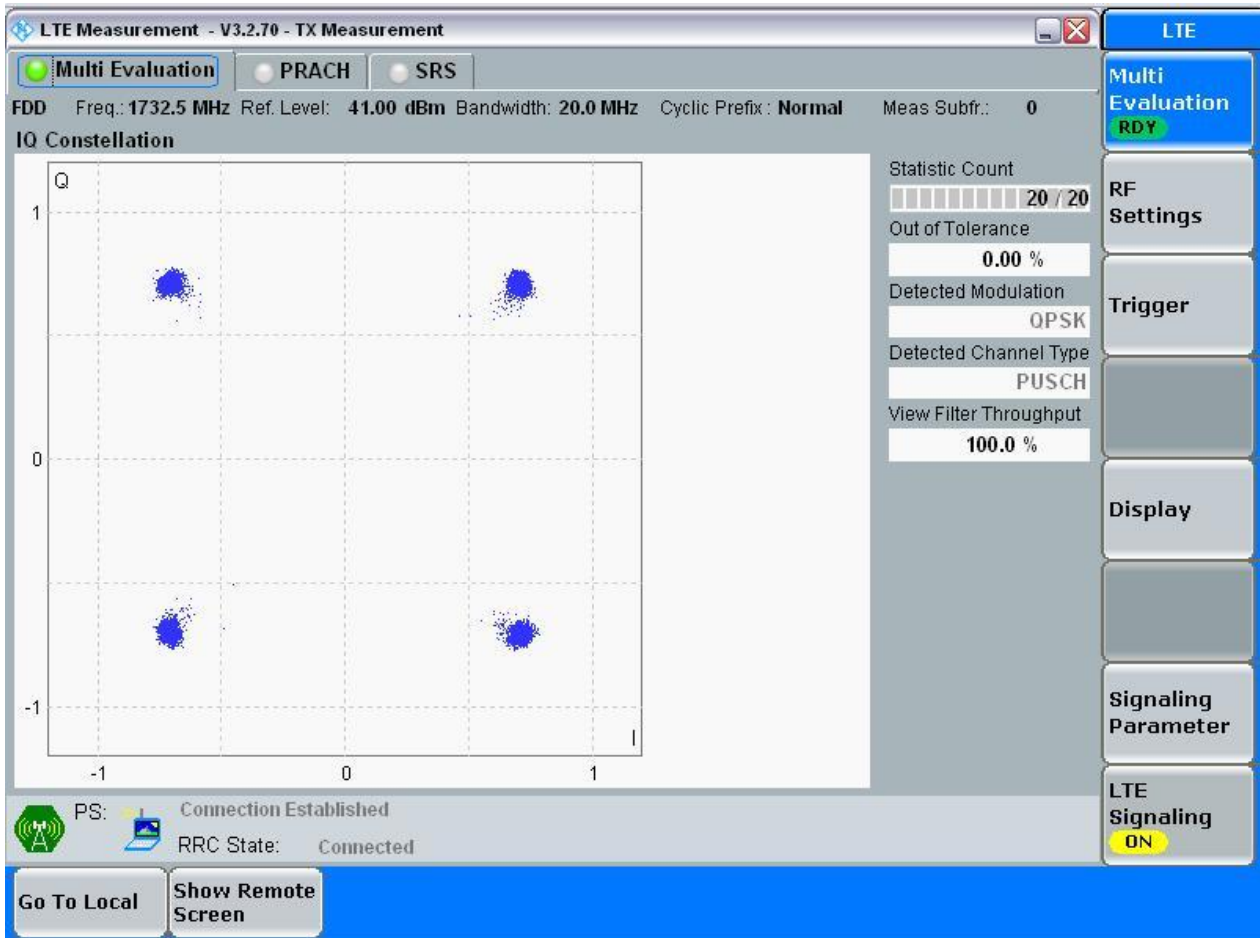
3.1.1.1.5.1.1 Test RB = RB75#0



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

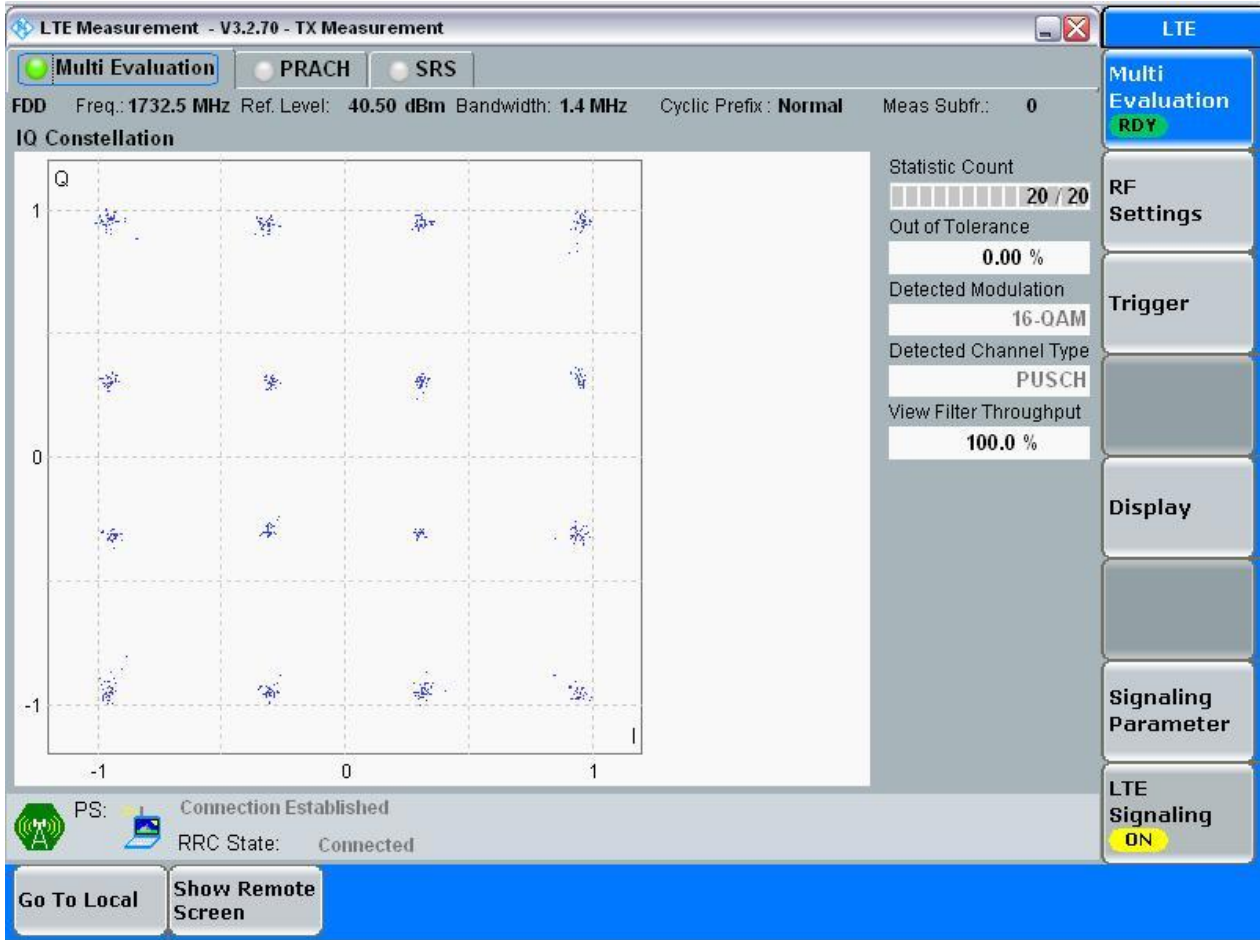


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

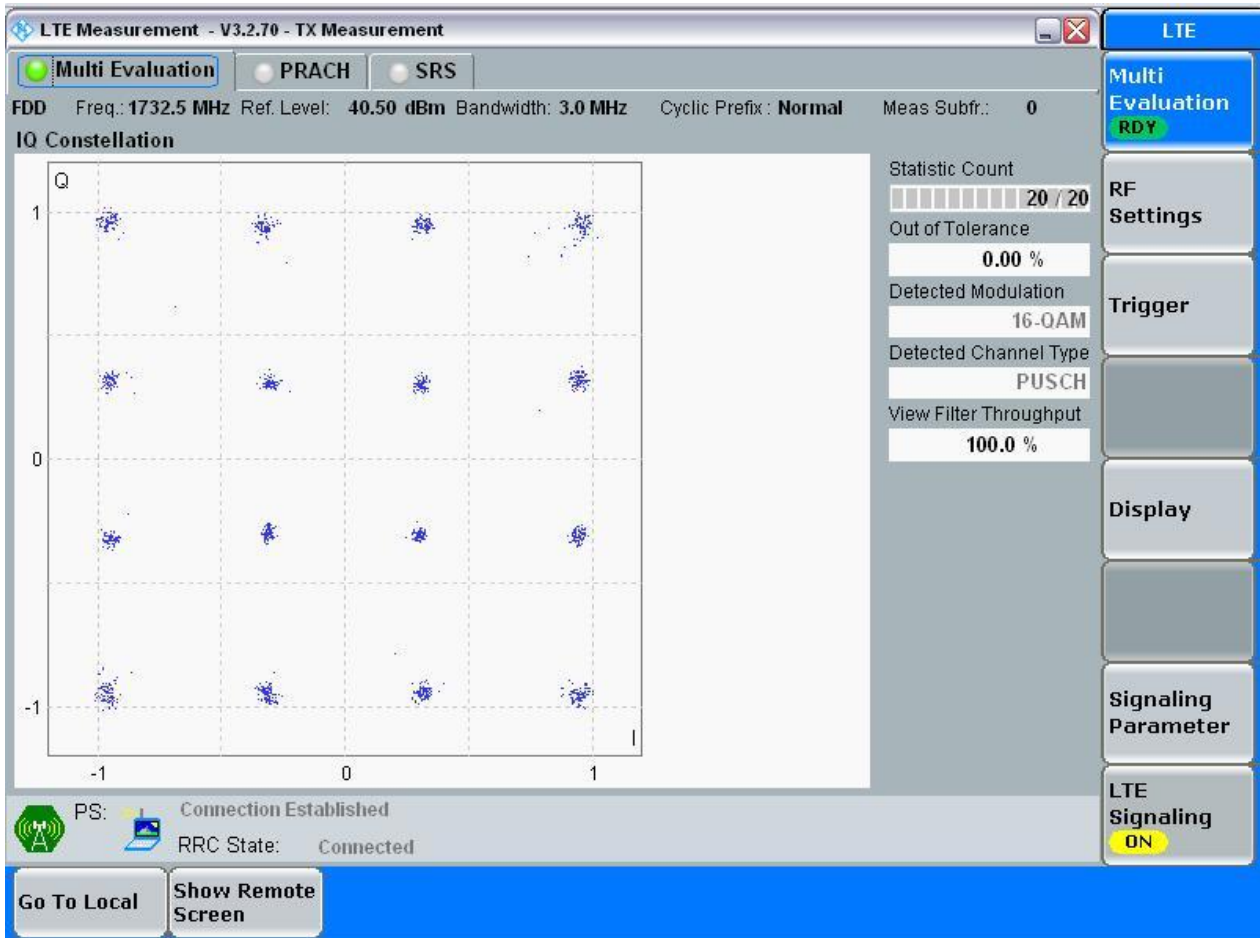
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

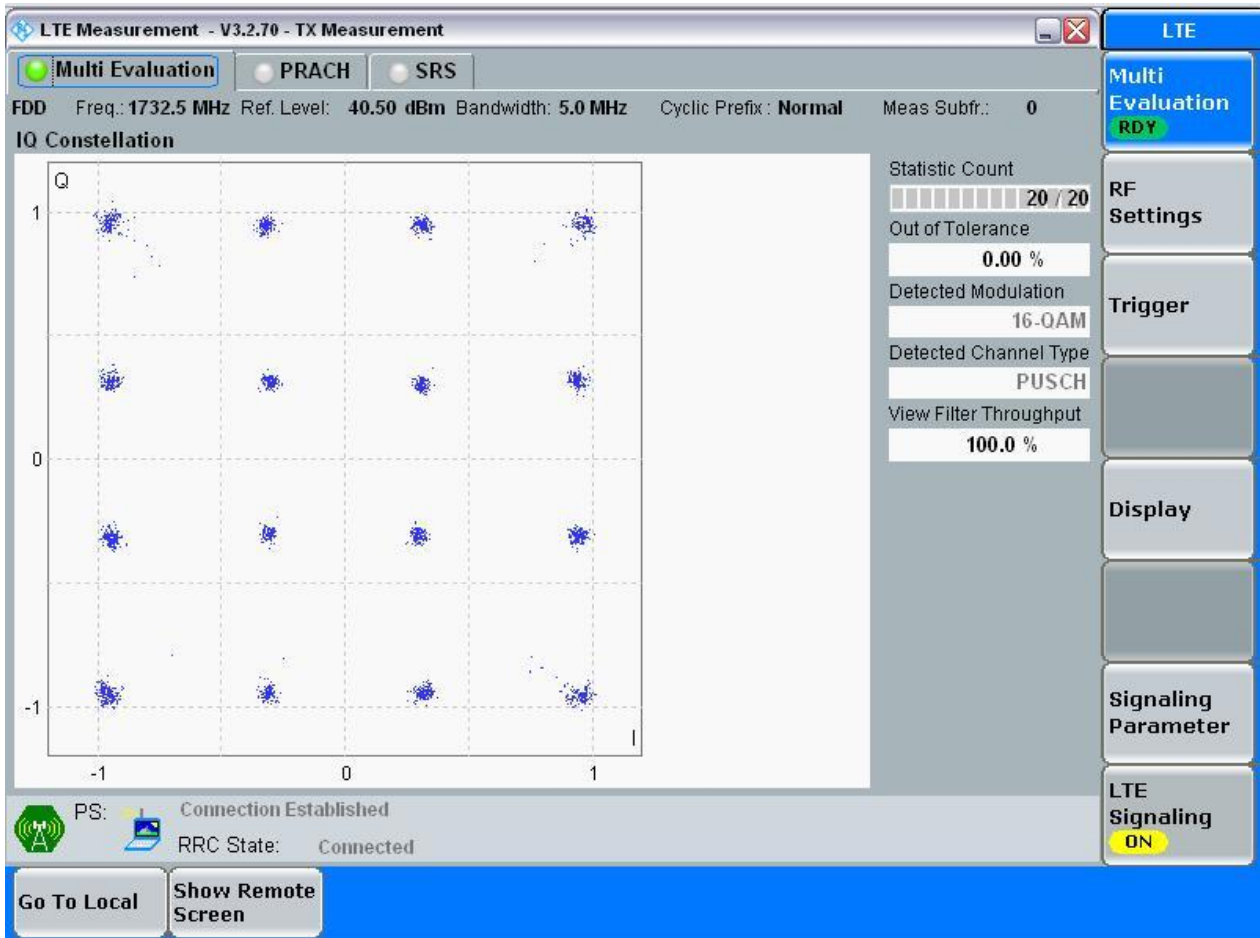
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

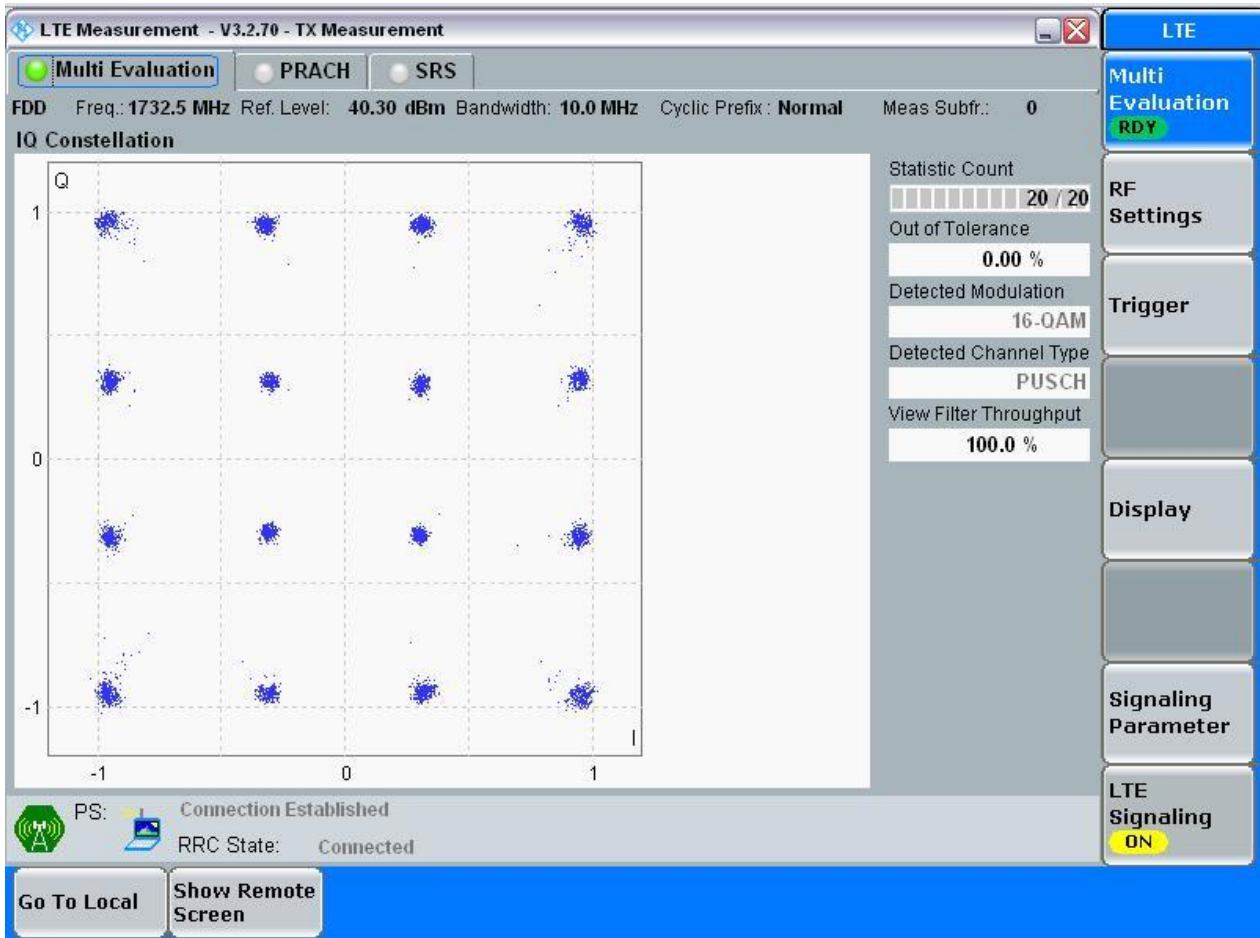
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

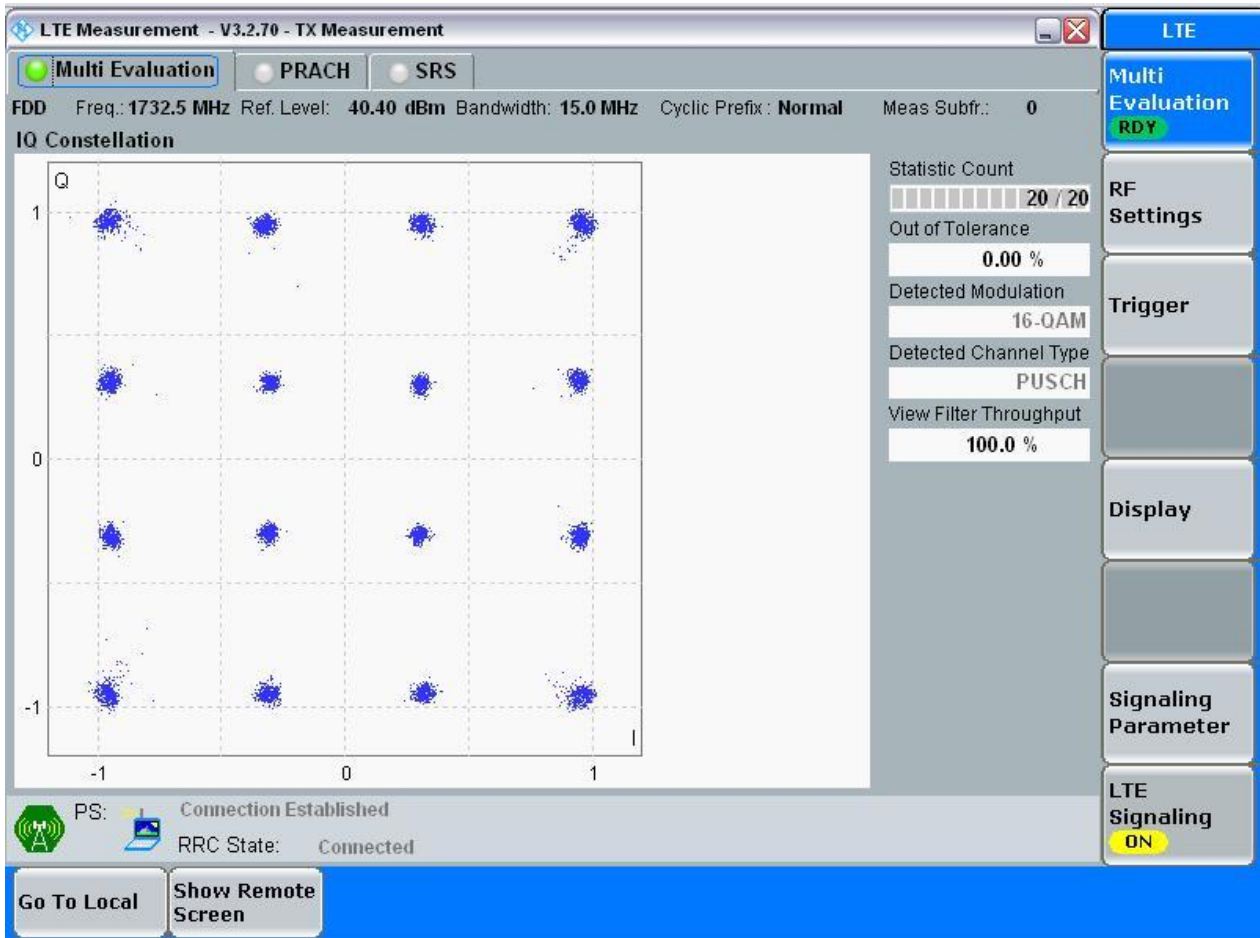
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

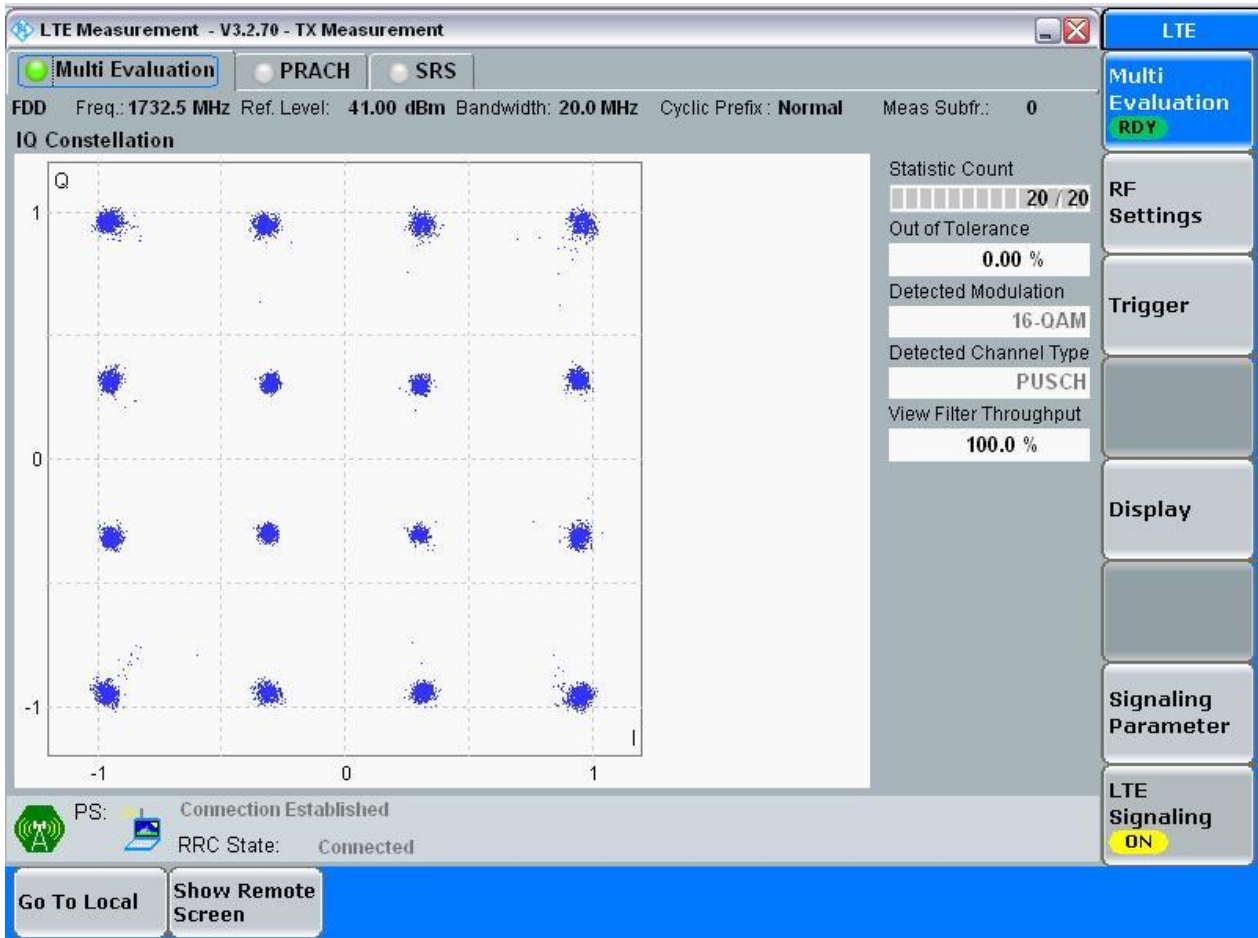
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.29	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.09	1.29	Pass
		3	LCH	RB15#0	2.71	3.00	Pass
			MCH	RB15#0	2.70	2.99	Pass
			HCH	RB15#0	2.71	3.00	Pass
		5	LCH	RB25#0	4.52	5.00	Pass
			MCH	RB25#0	4.51	4.99	Pass
			HCH	RB25#0	4.51	5.00	Pass
		10	LCH	RB50#0	8.98	9.89	Pass
			MCH	RB50#0	8.96	9.88	Pass
			HCH	RB50#0	8.96	9.88	Pass
		15	LCH	RB75#0	13.46	14.74	Pass
			MCH	RB75#0	13.44	14.77	Pass
			HCH	RB75#0	13.45	14.71	Pass
		20	LCH	RB100#0	17.87	19.32	Pass
			MCH	RB100#0	17.87	19.39	Pass
			HCH	RB100#0	17.93	19.59	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.31	Pass
			MCH	RB6#0	1.10	1.32	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.71	3.01	Pass
			HCH	RB15#0	2.70	3.01	Pass
		5	LCH	RB25#0	4.52	5.04	Pass
			MCH	RB25#0	4.52	5.02	Pass
			HCH	RB25#0	4.52	5.03	Pass
		10	LCH	RB50#0	9.00	9.92	Pass
			MCH	RB50#0	8.98	9.89	Pass
			HCH	RB50#0	8.99	9.89	Pass
15	LCH	RB75#0	13.45	14.73	Pass		
	MCH	RB75#0	13.44	14.65	Pass		
	HCH	RB75#0	13.43	14.69	Pass		



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	17.89	19.48	Pass
			MCH	RB100#0	17.90	19.39	Pass
			HCH	RB100#0	17.92	19.57	Pass



Part II - Test Plots

4.1 For LTE

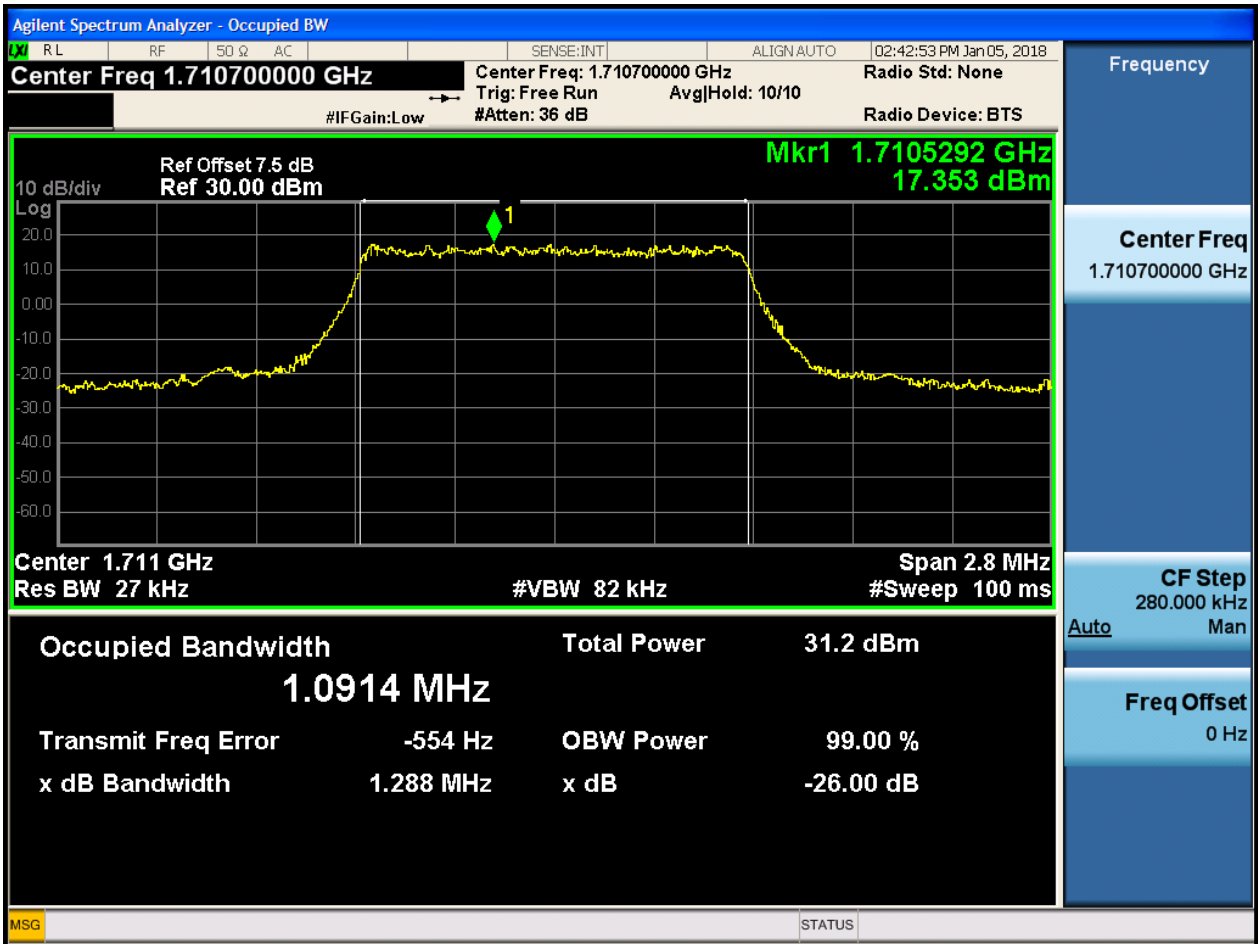
4.1.1 Test Band = BAND4

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

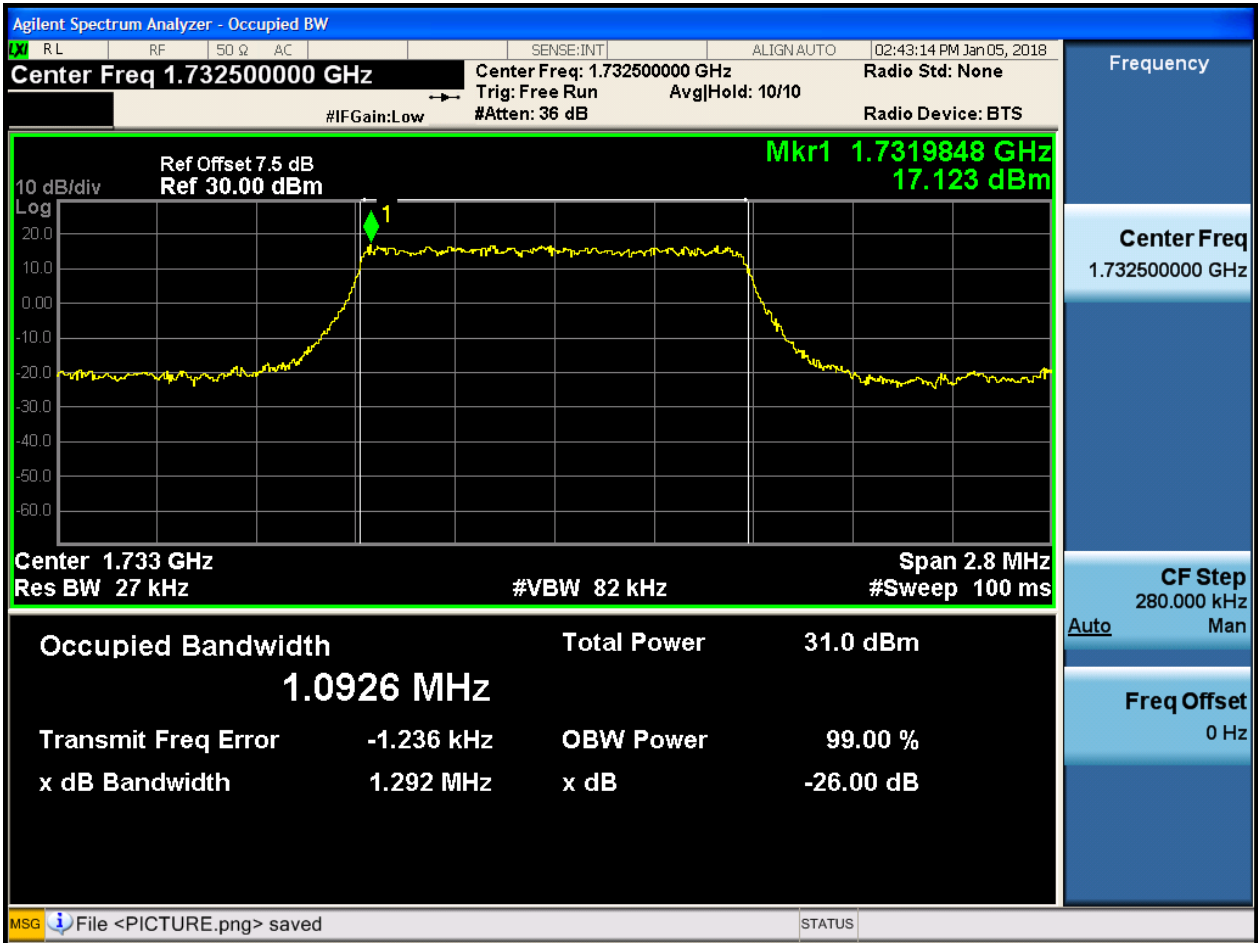
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

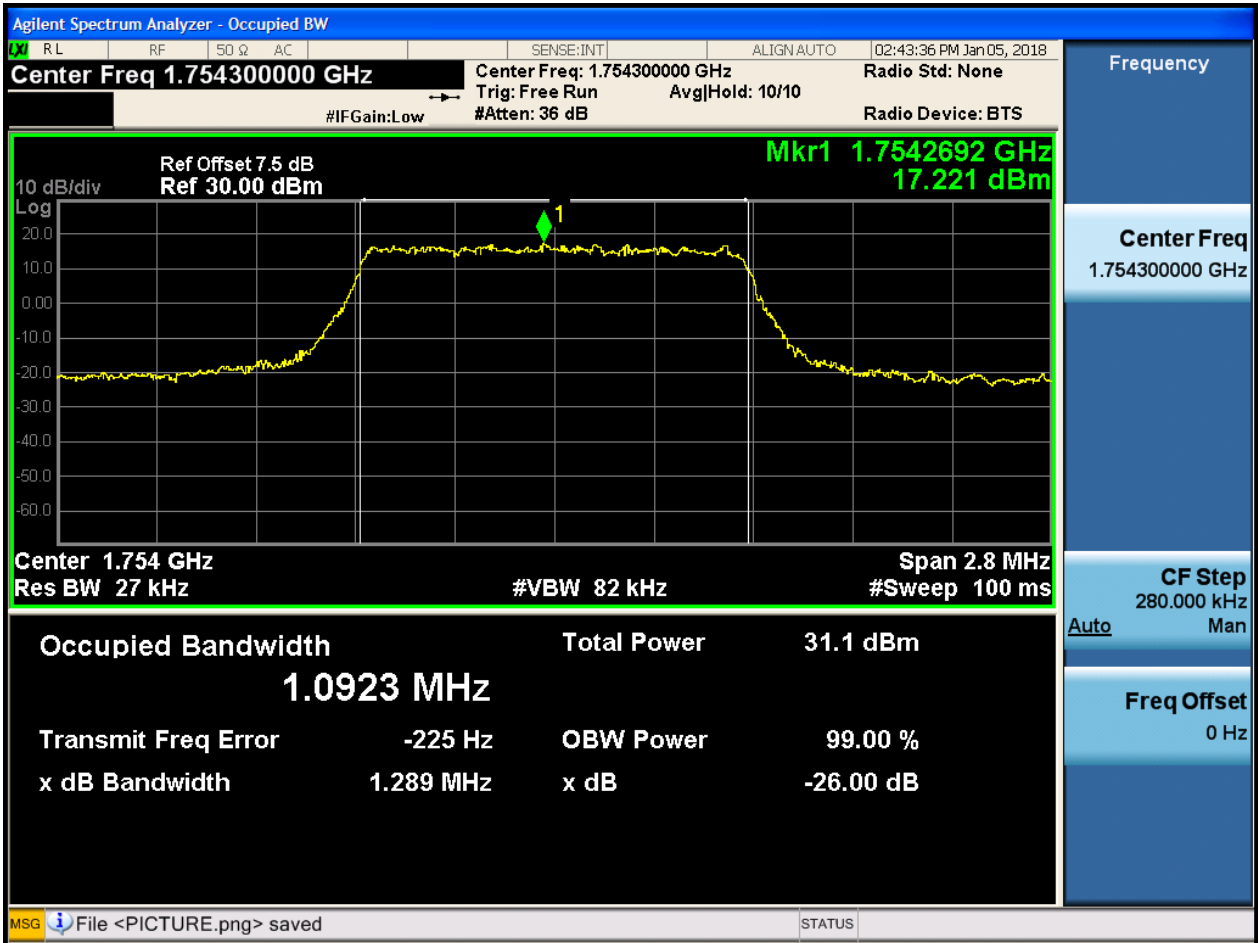
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

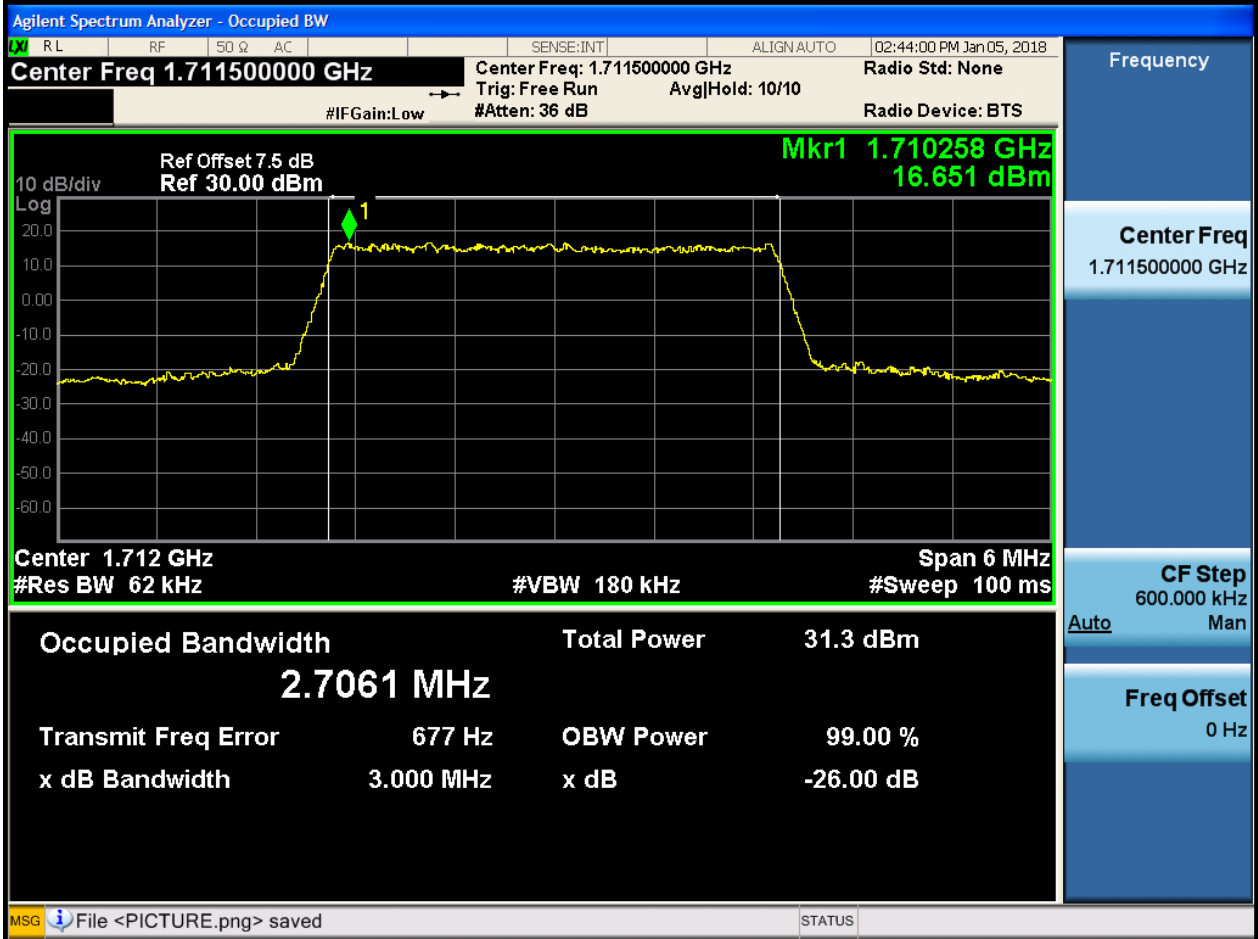




4.1.1.1.2 Test Bandwidth = 3

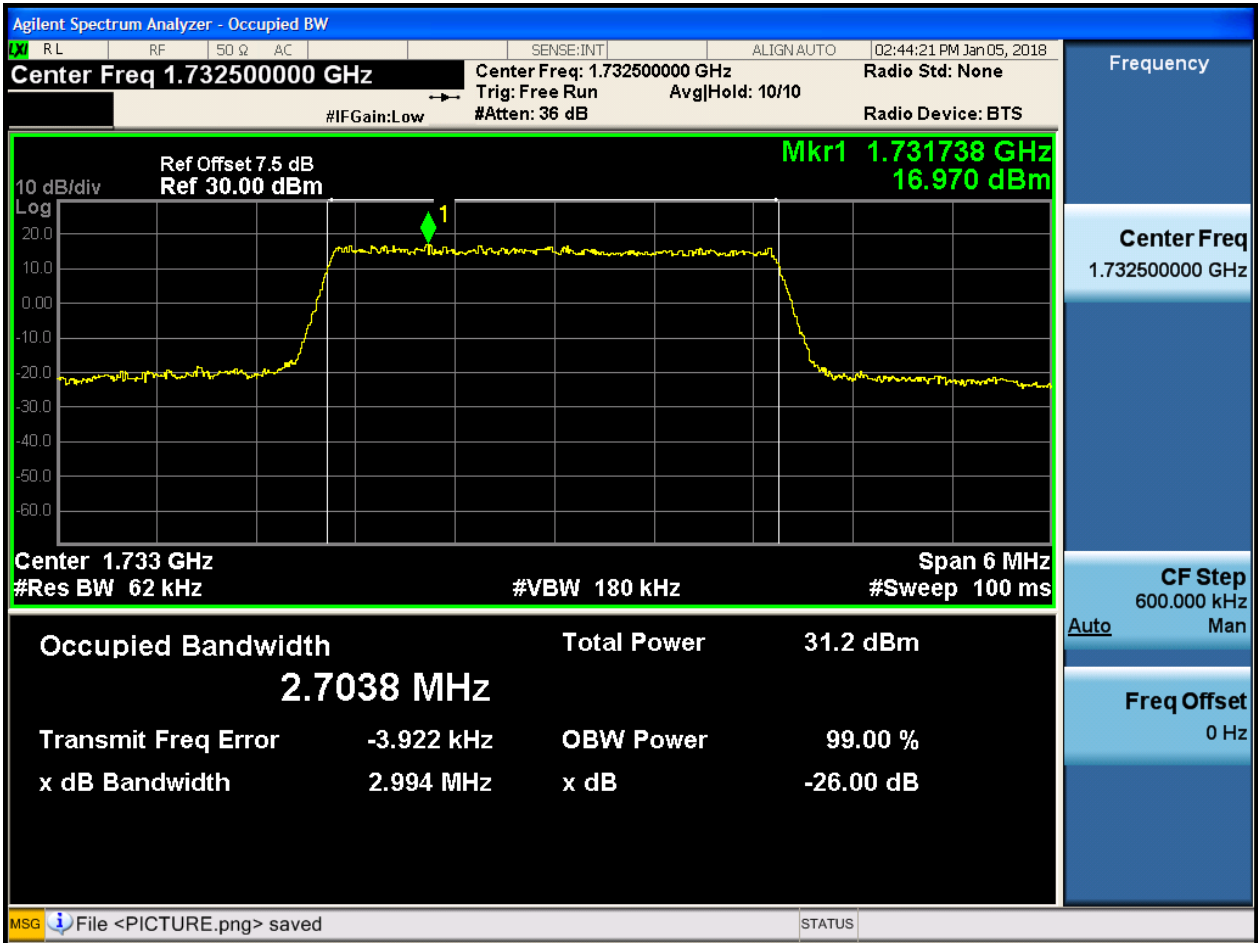
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

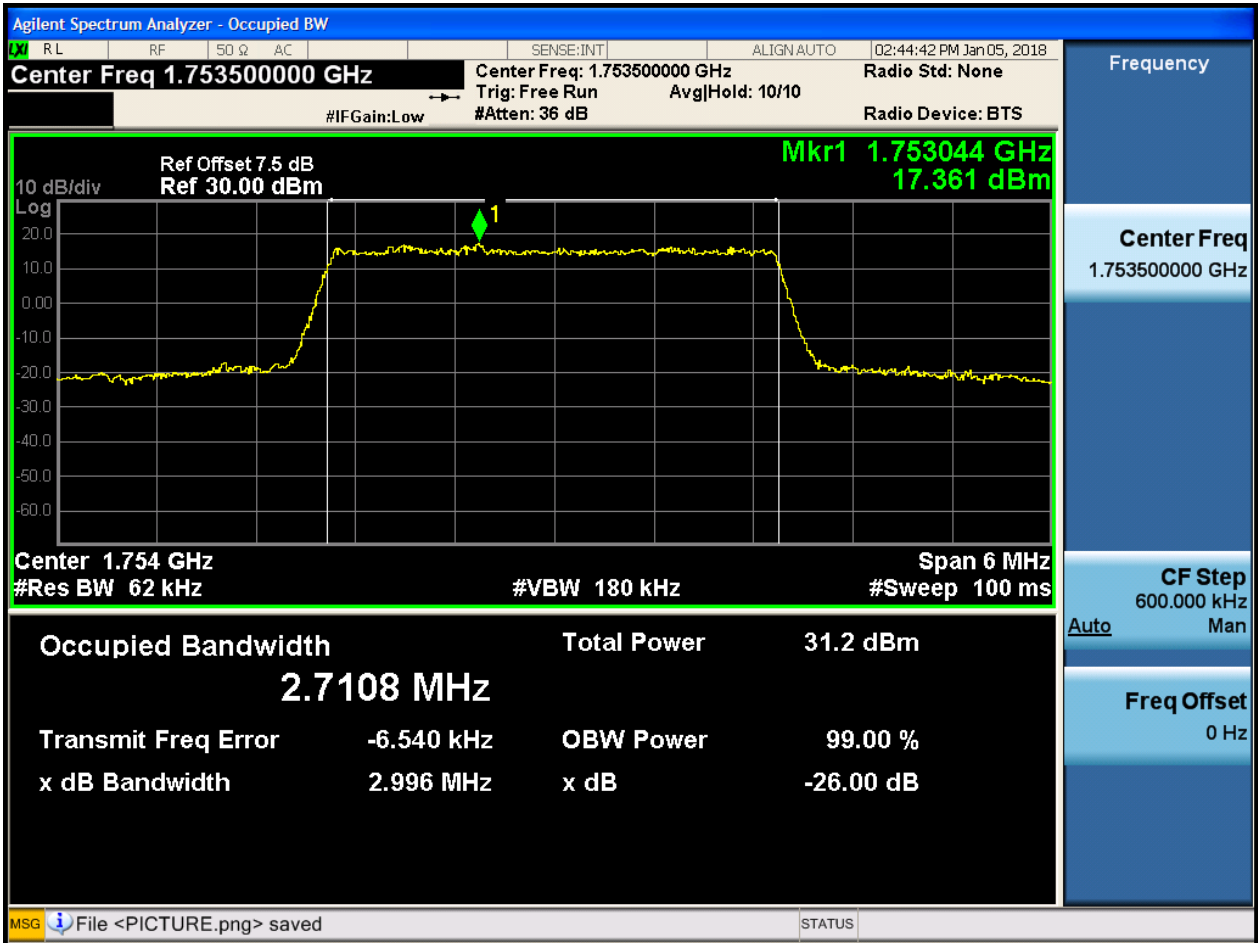
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

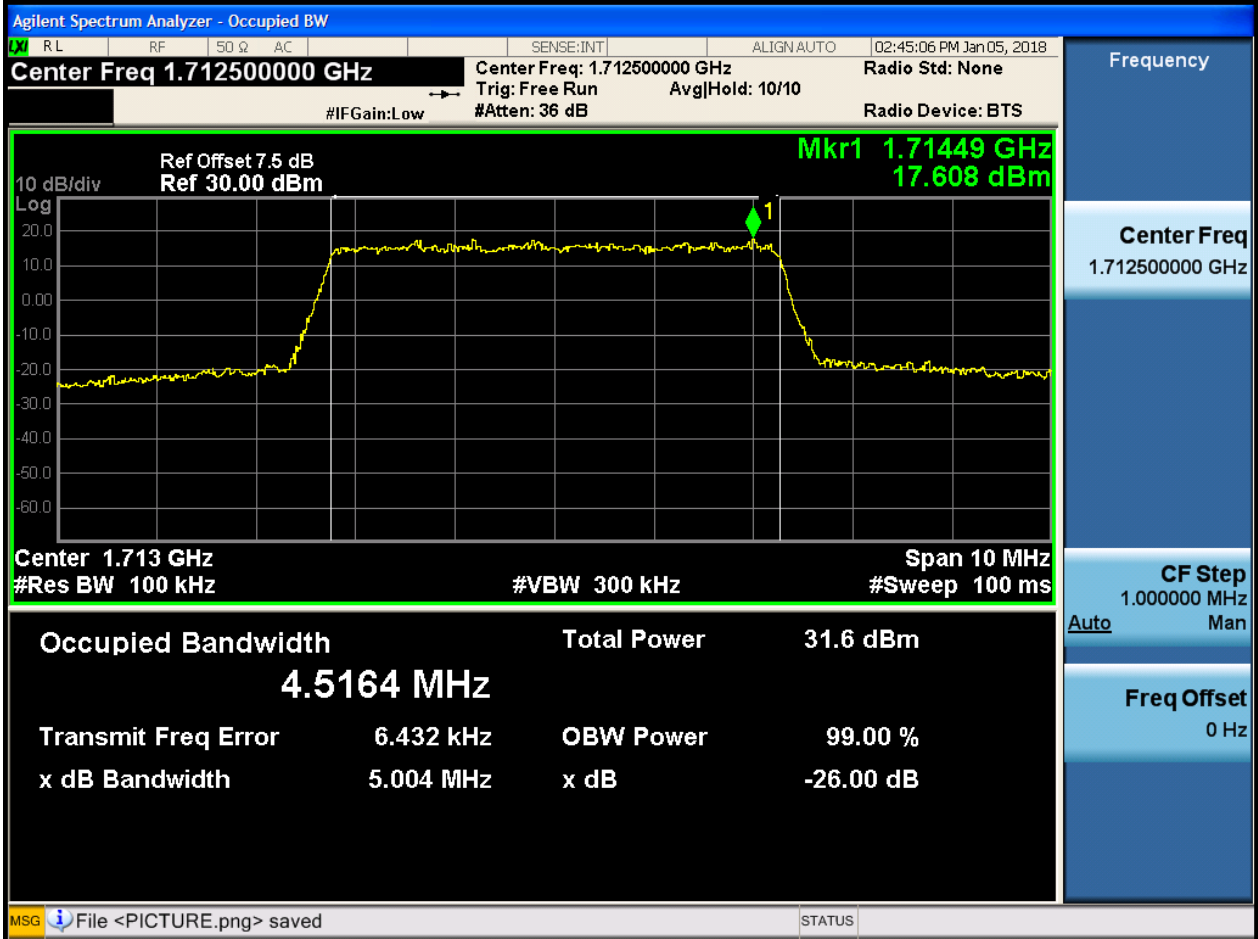




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

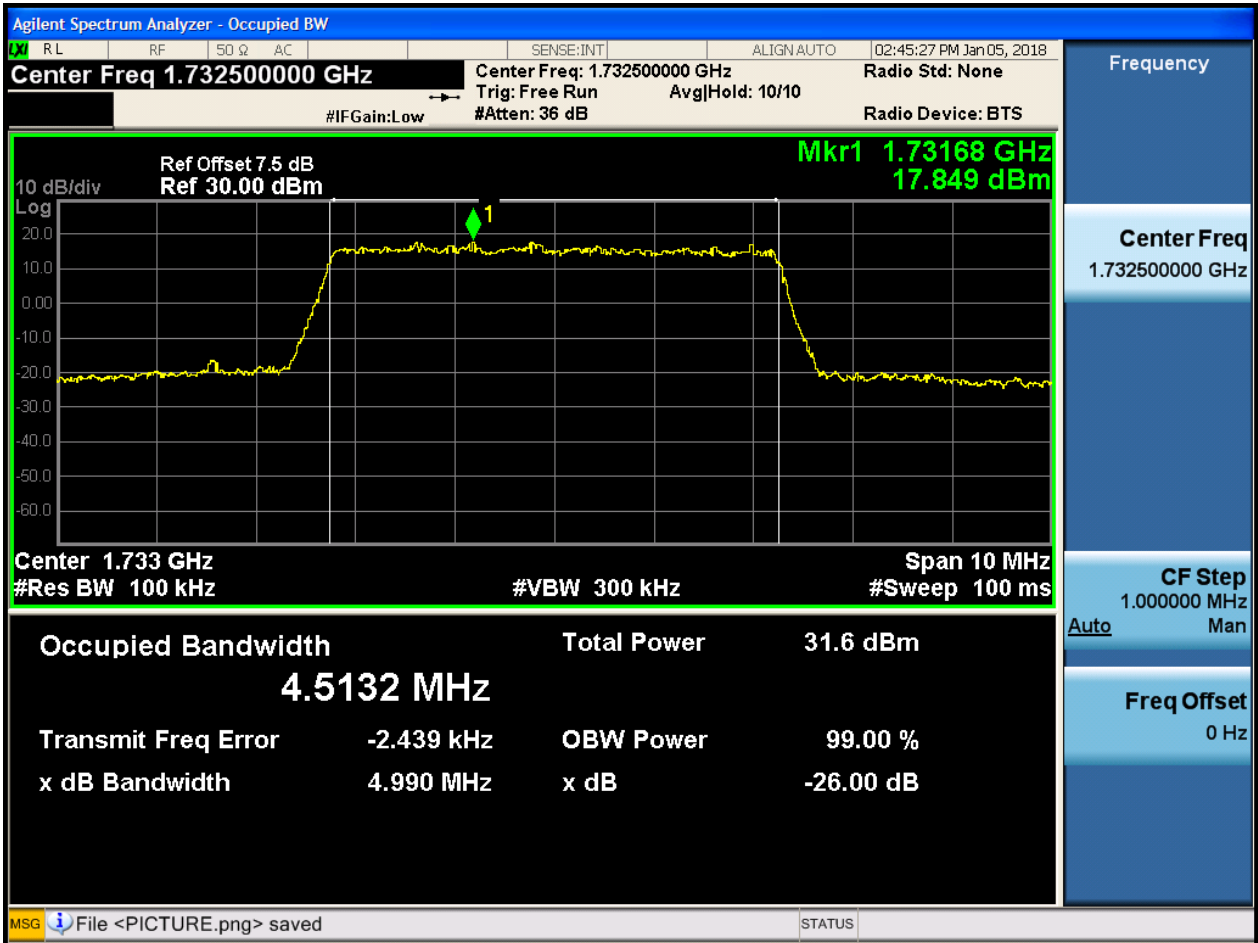
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

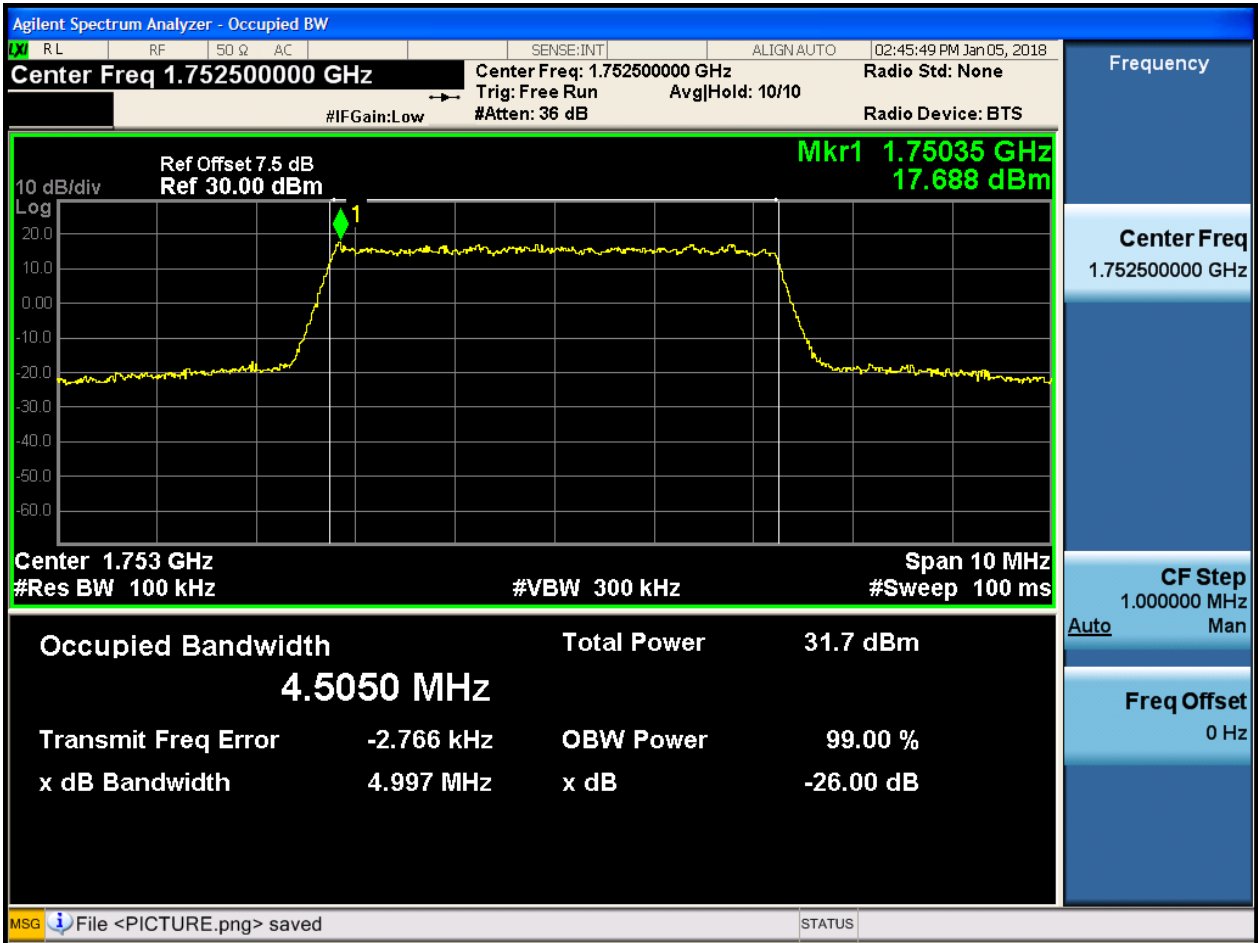
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

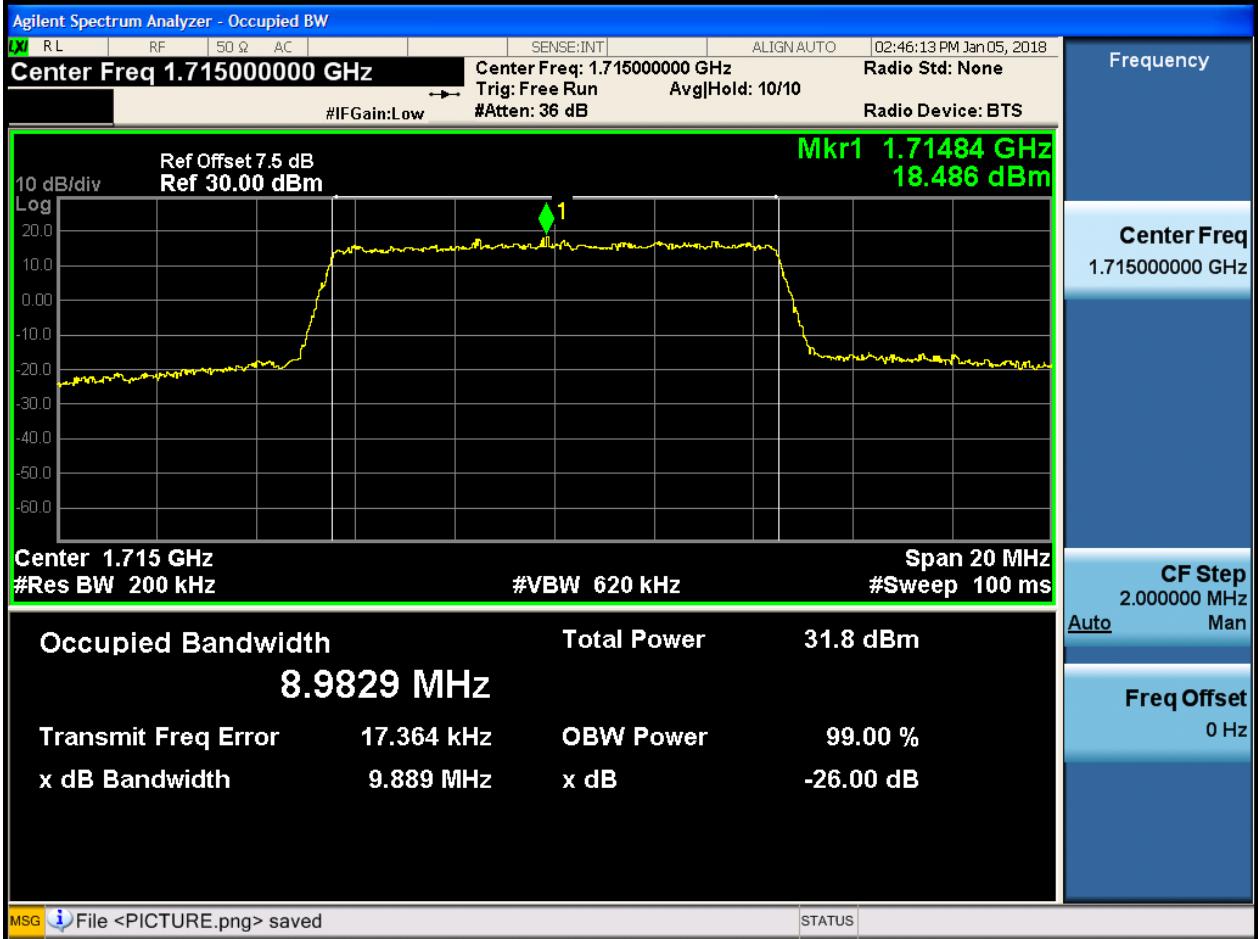




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

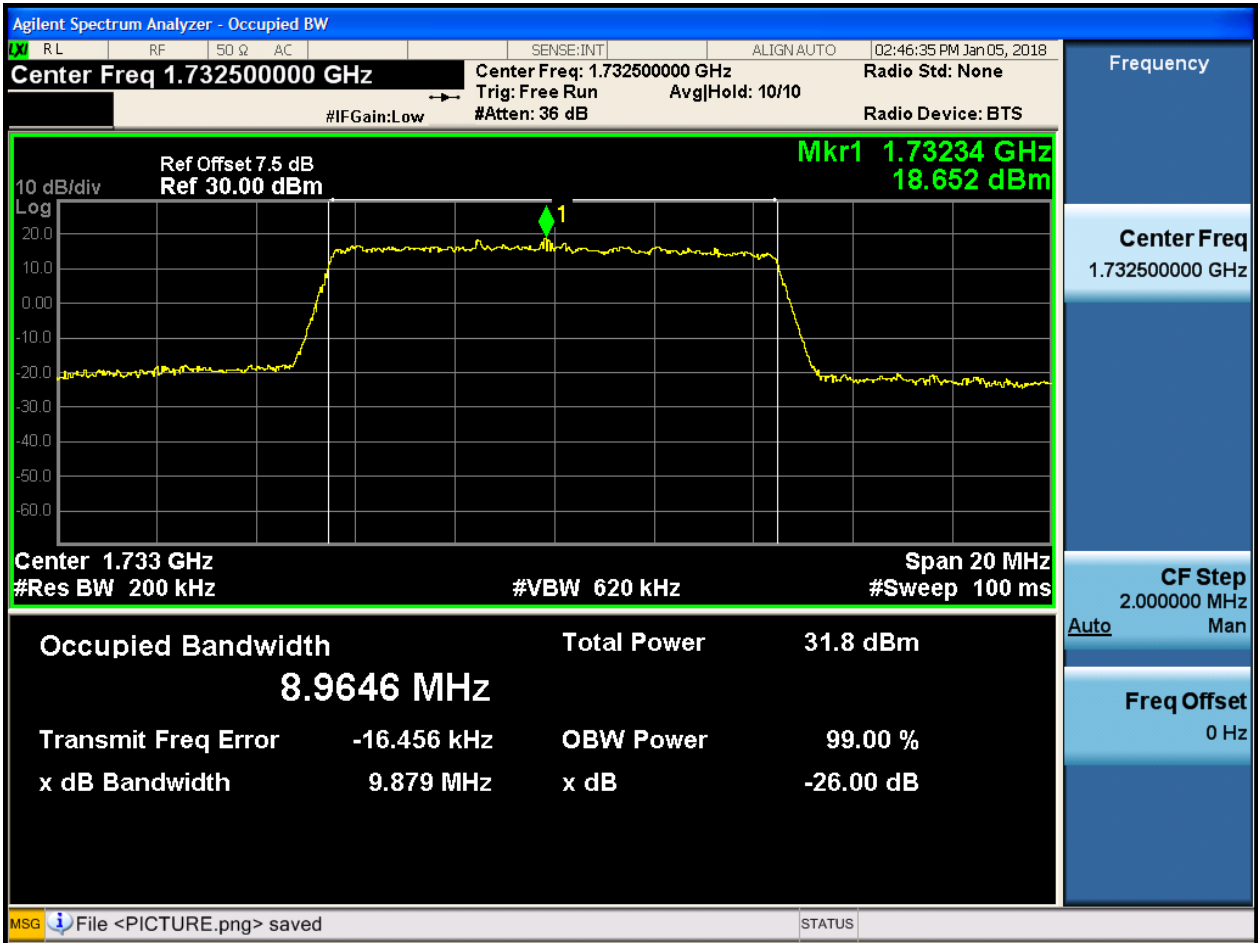
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

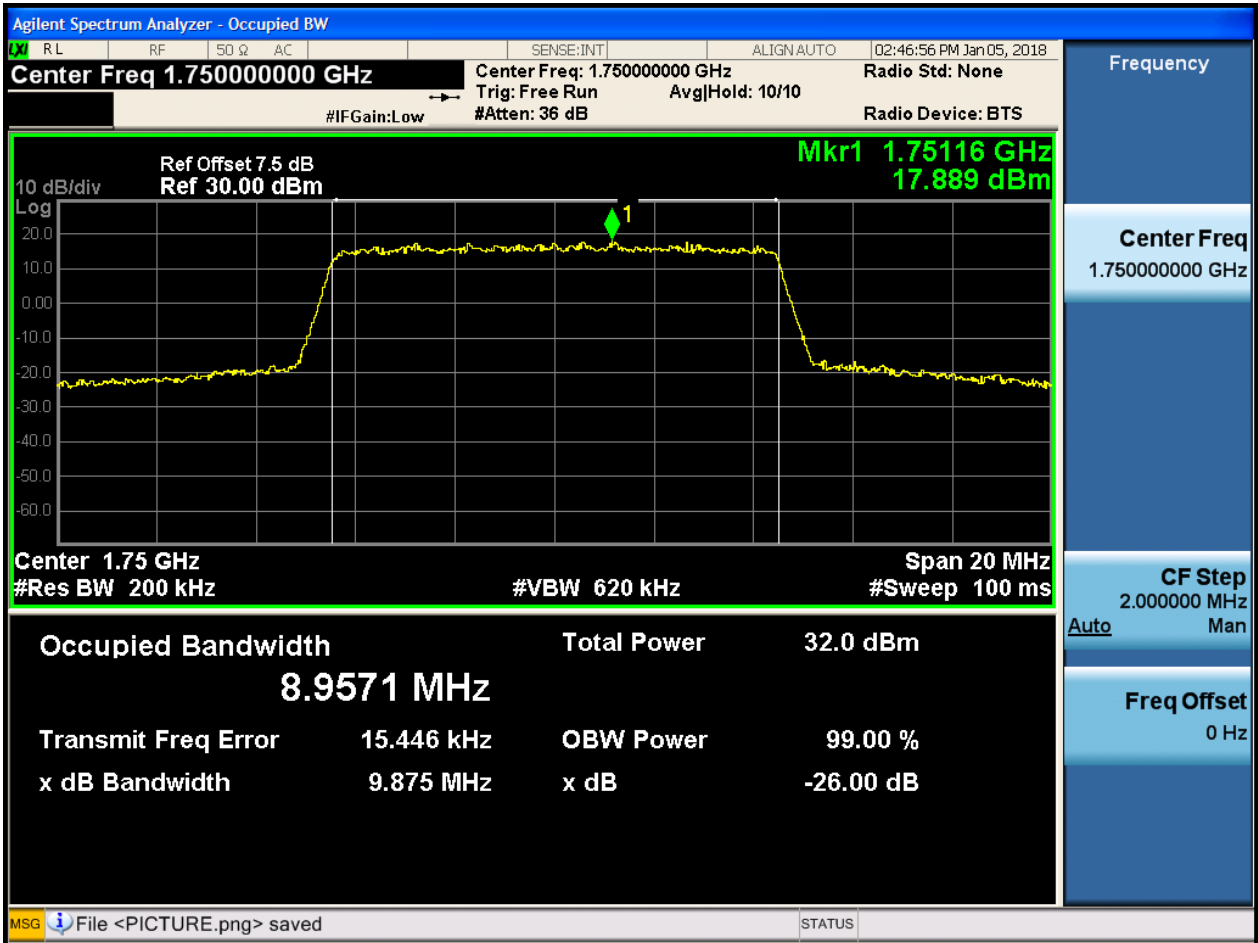
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

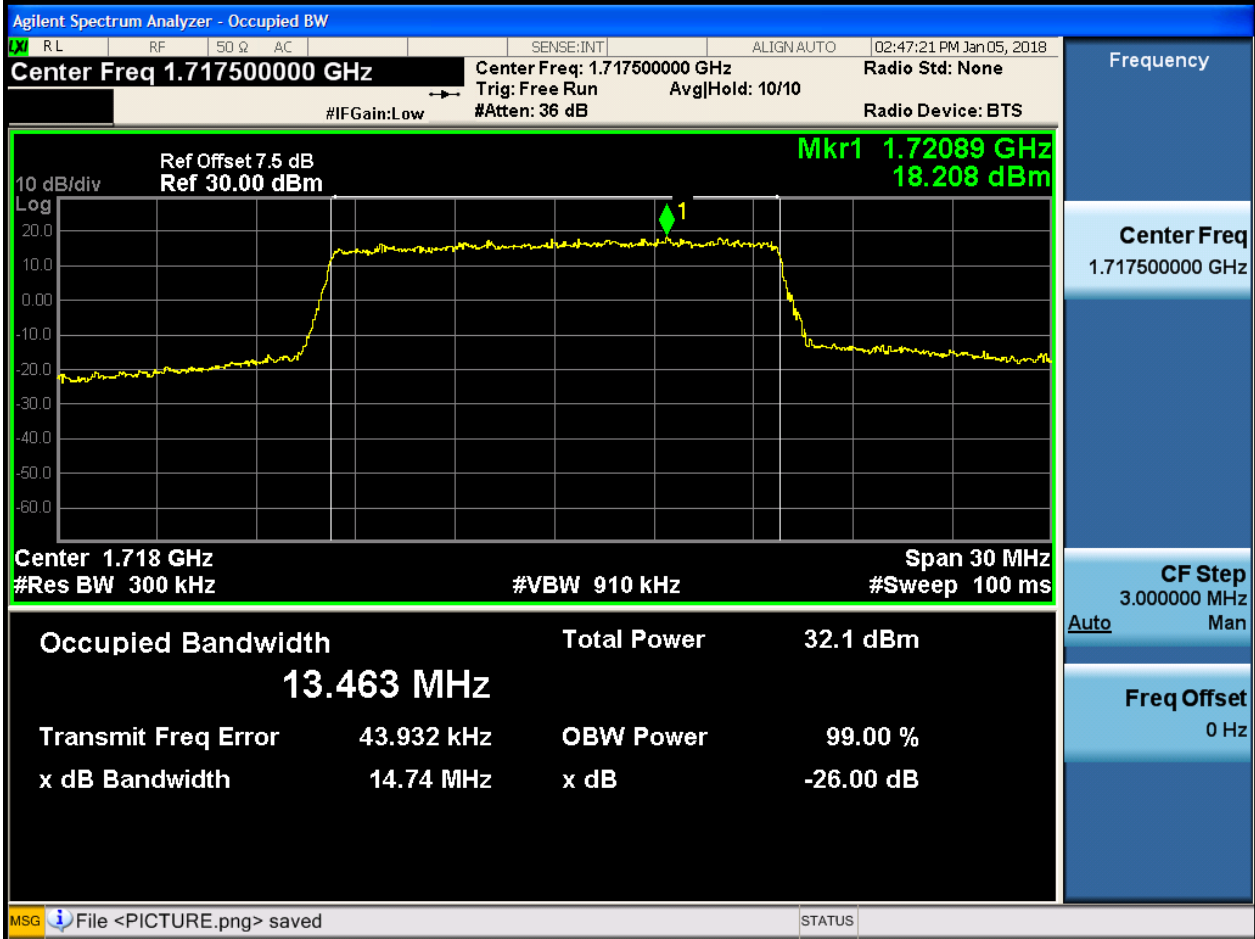




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

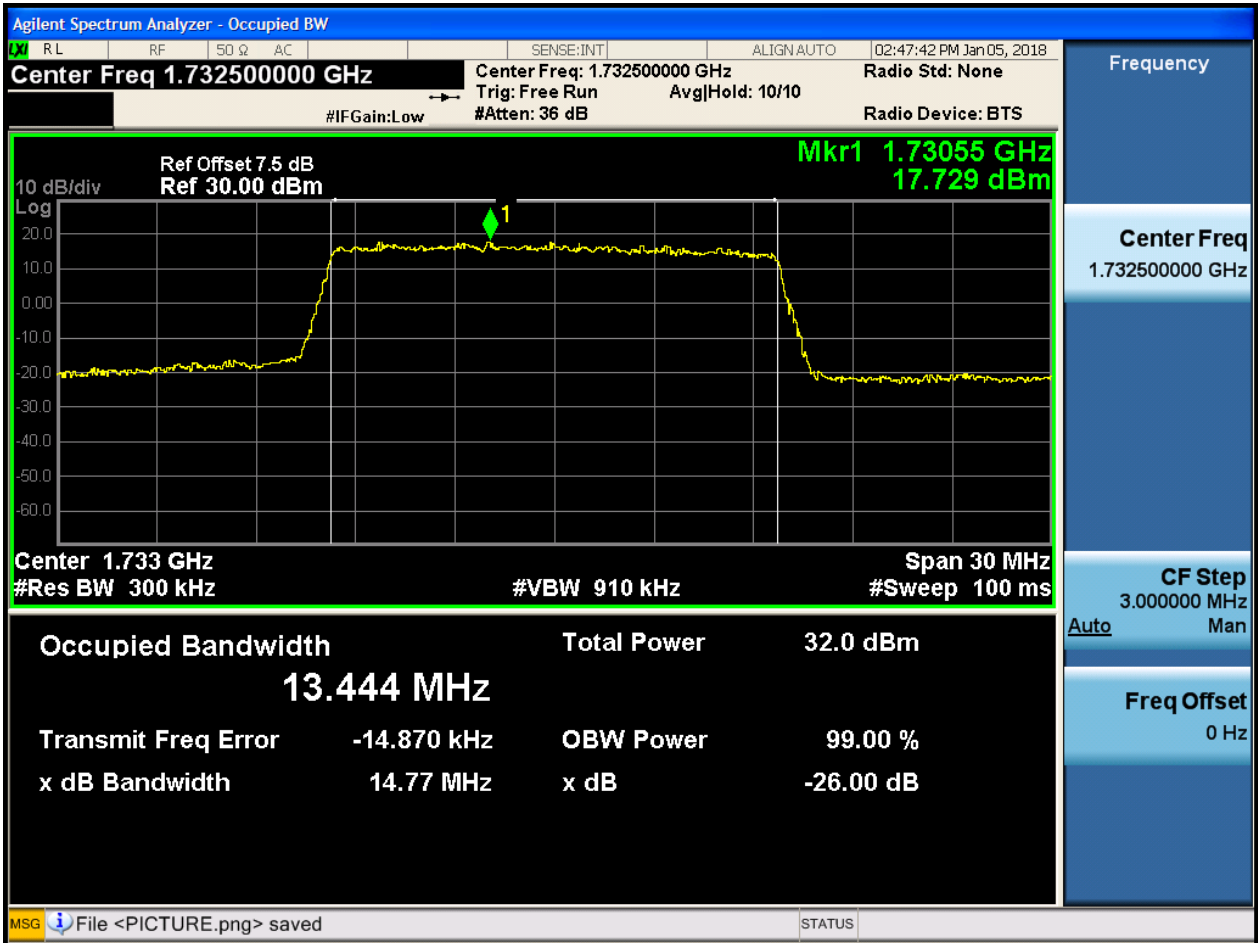
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

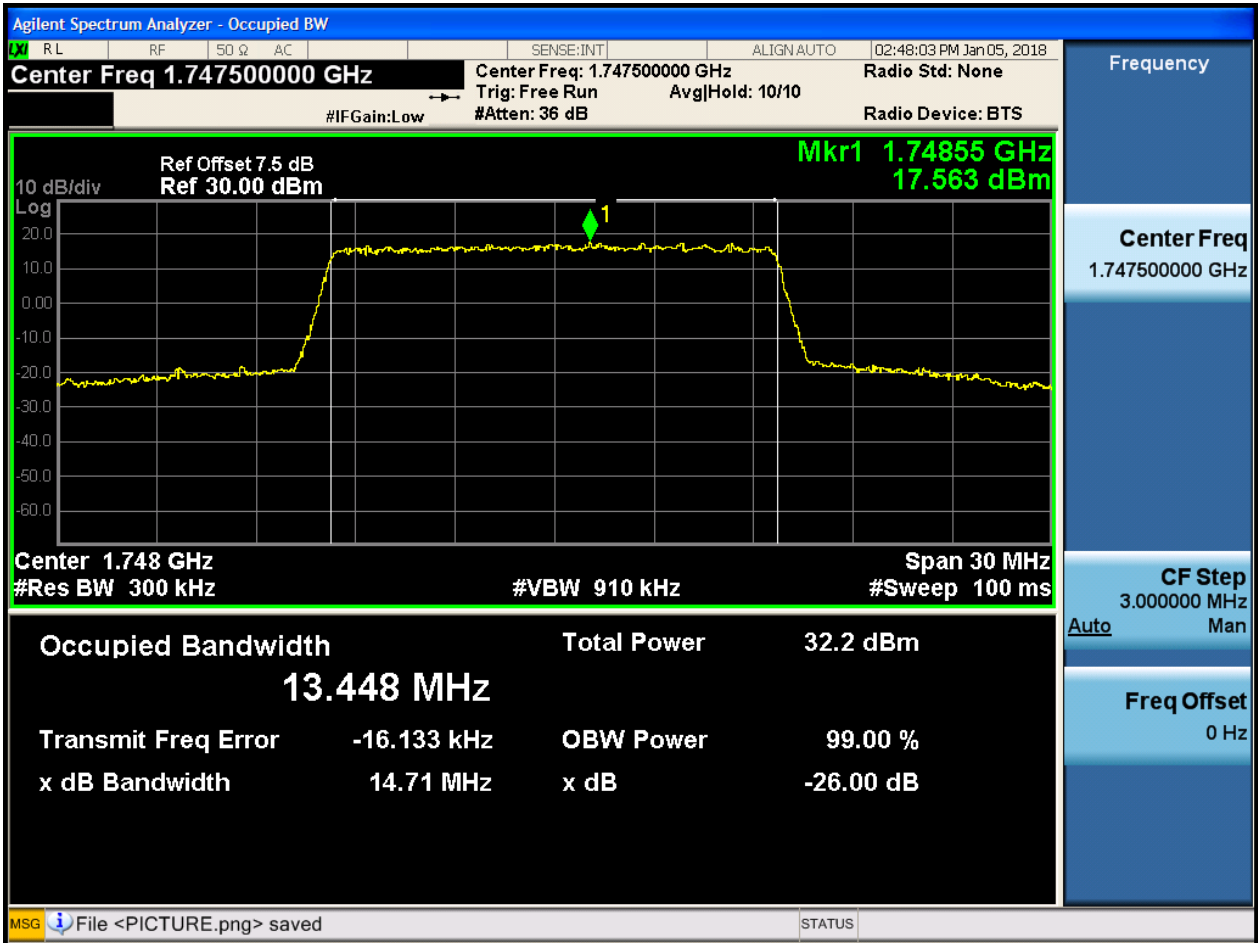
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

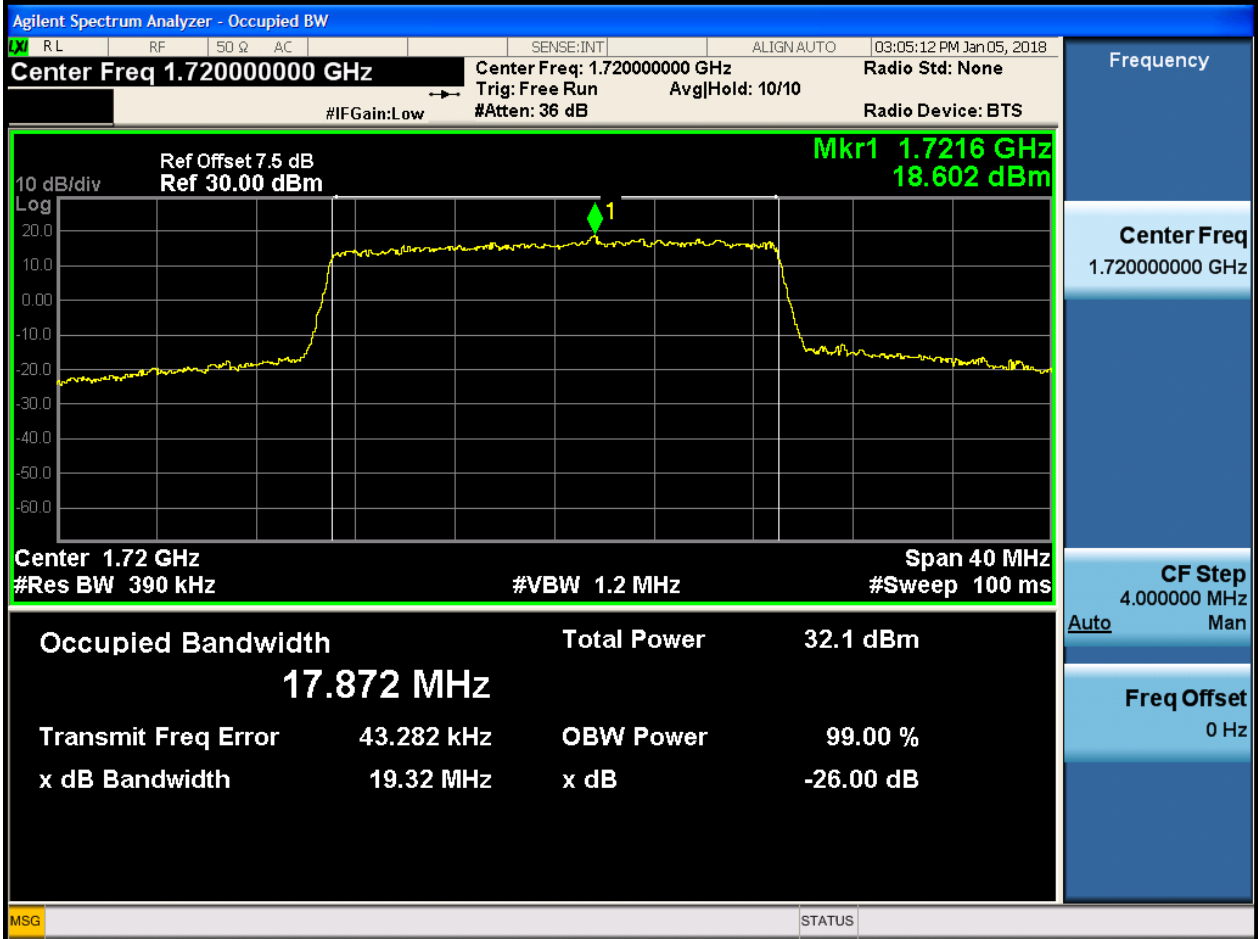




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

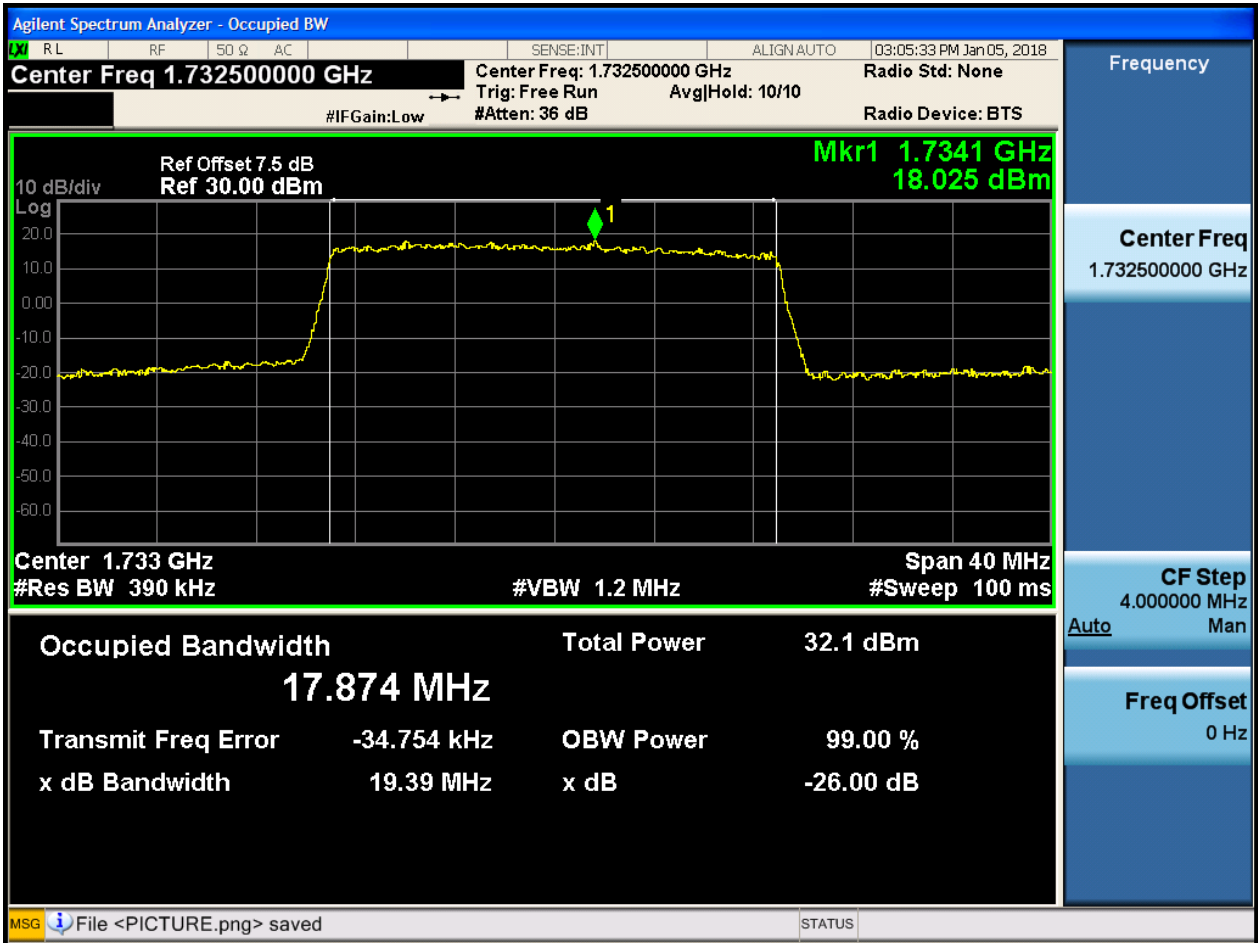
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

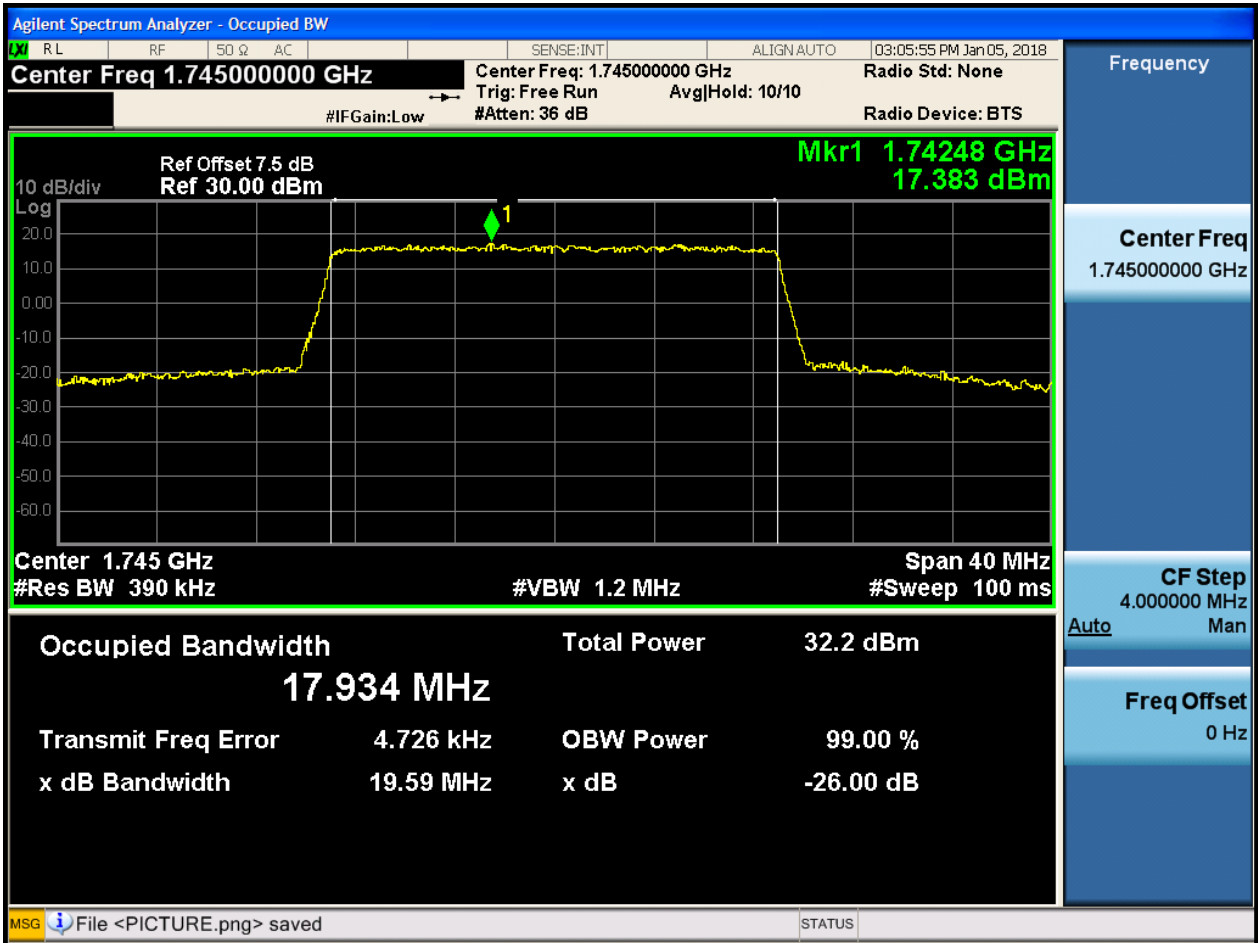
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



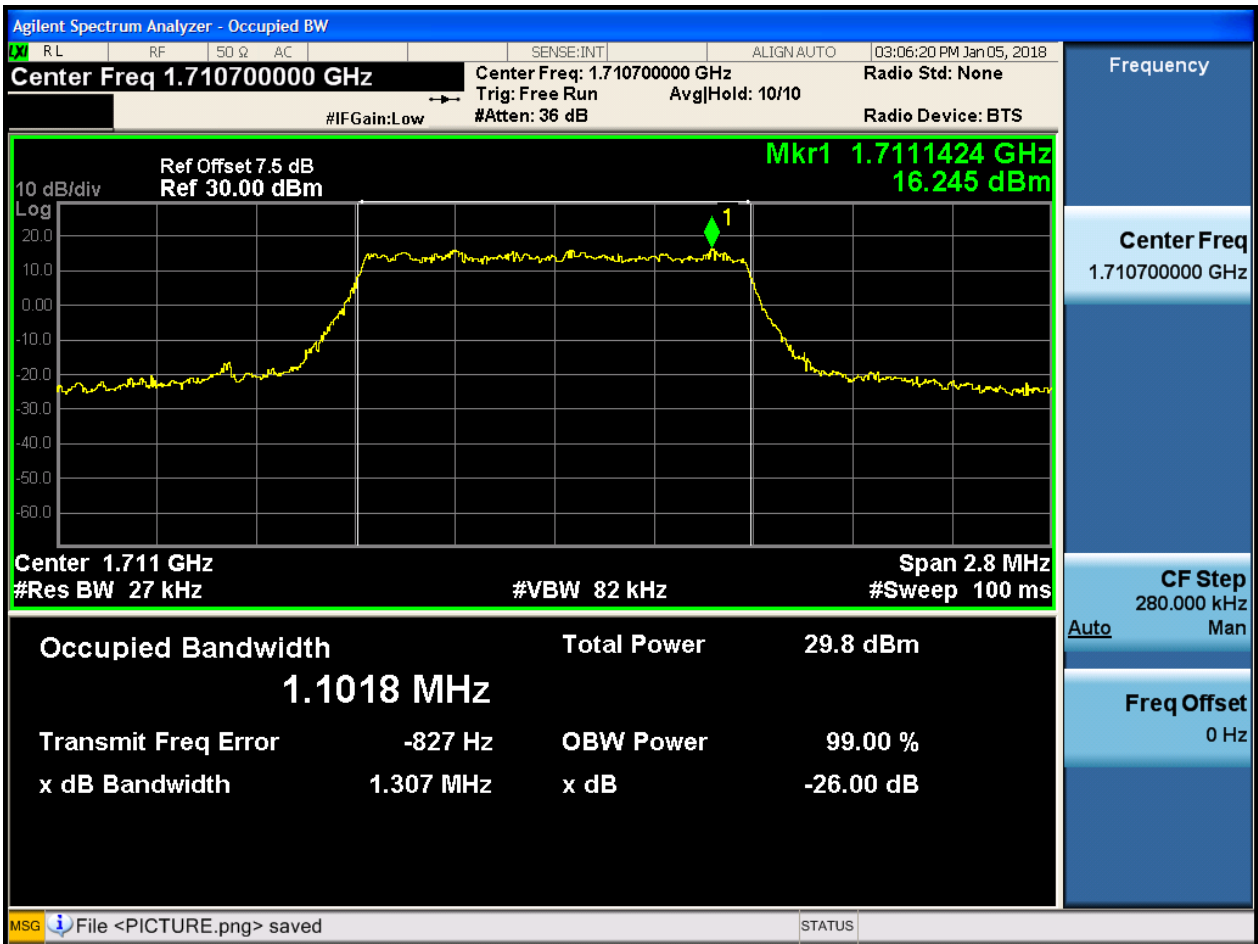


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

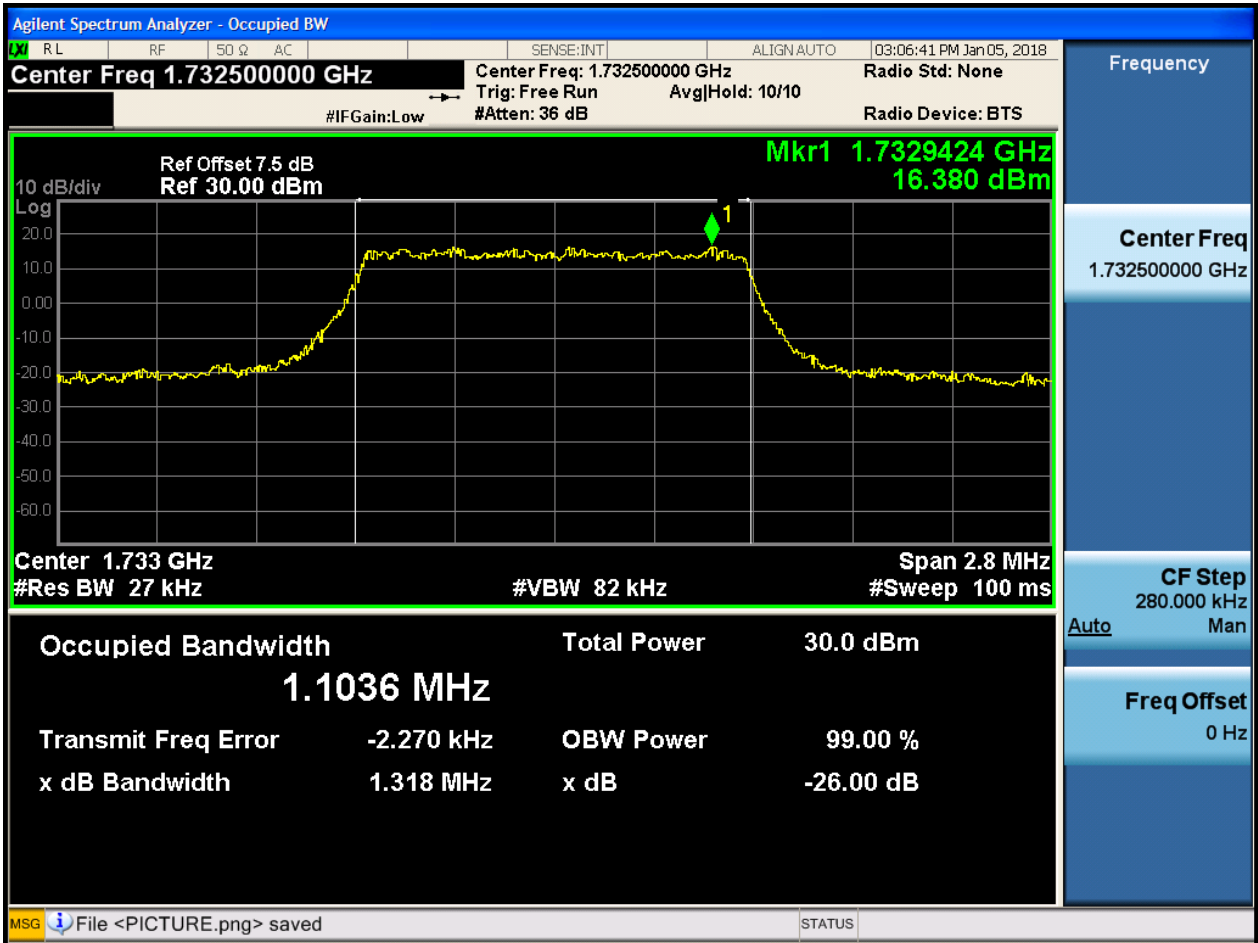
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

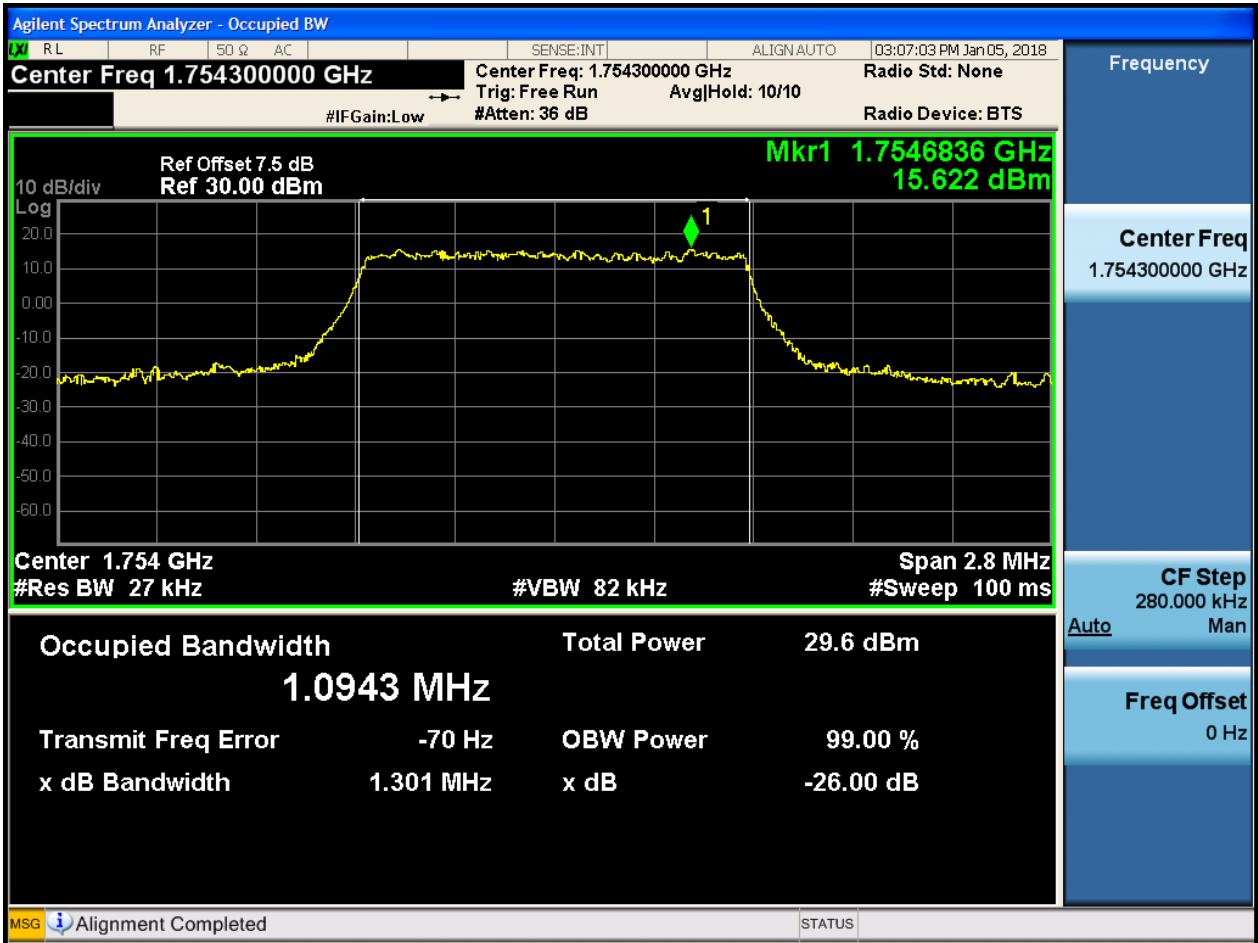
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

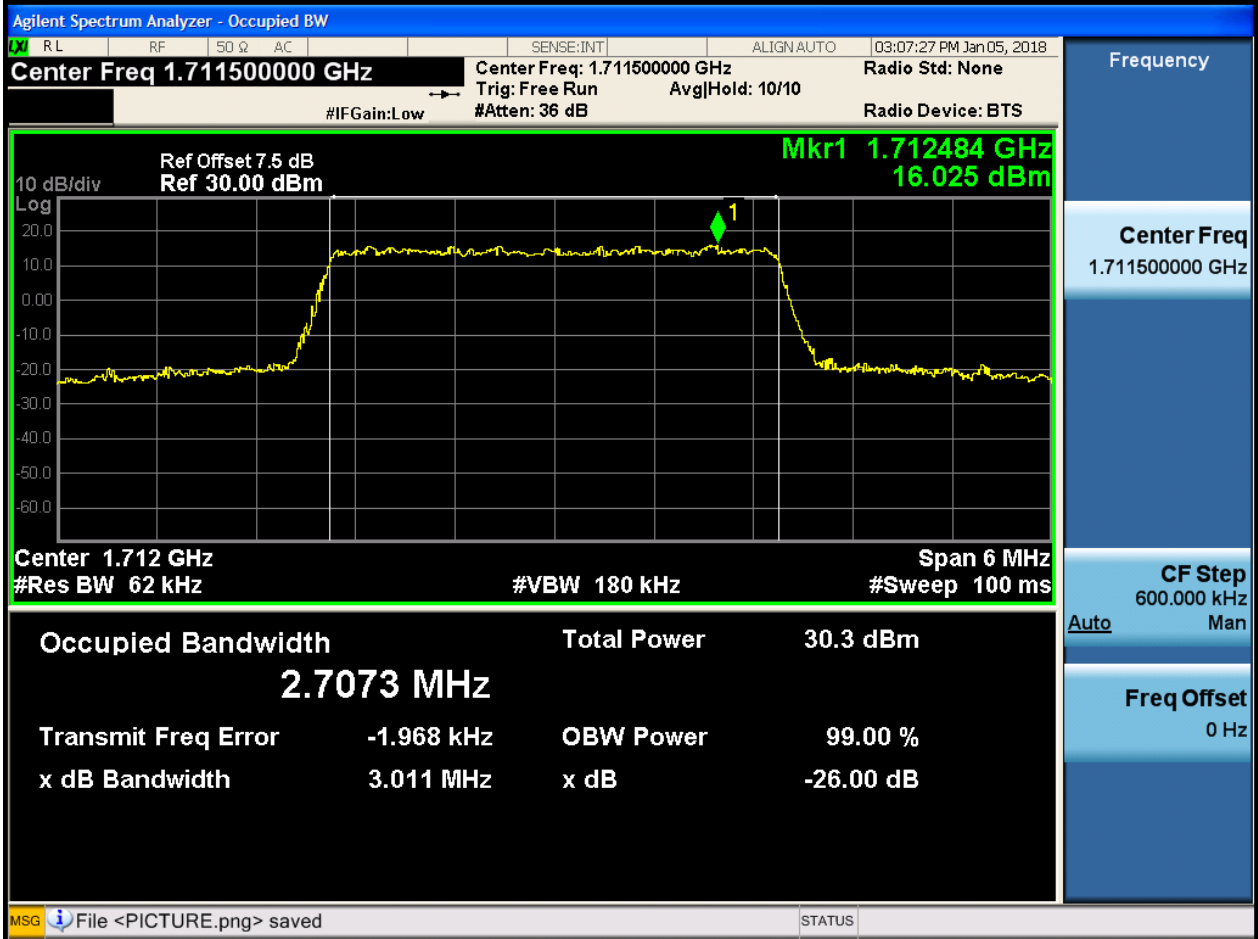




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

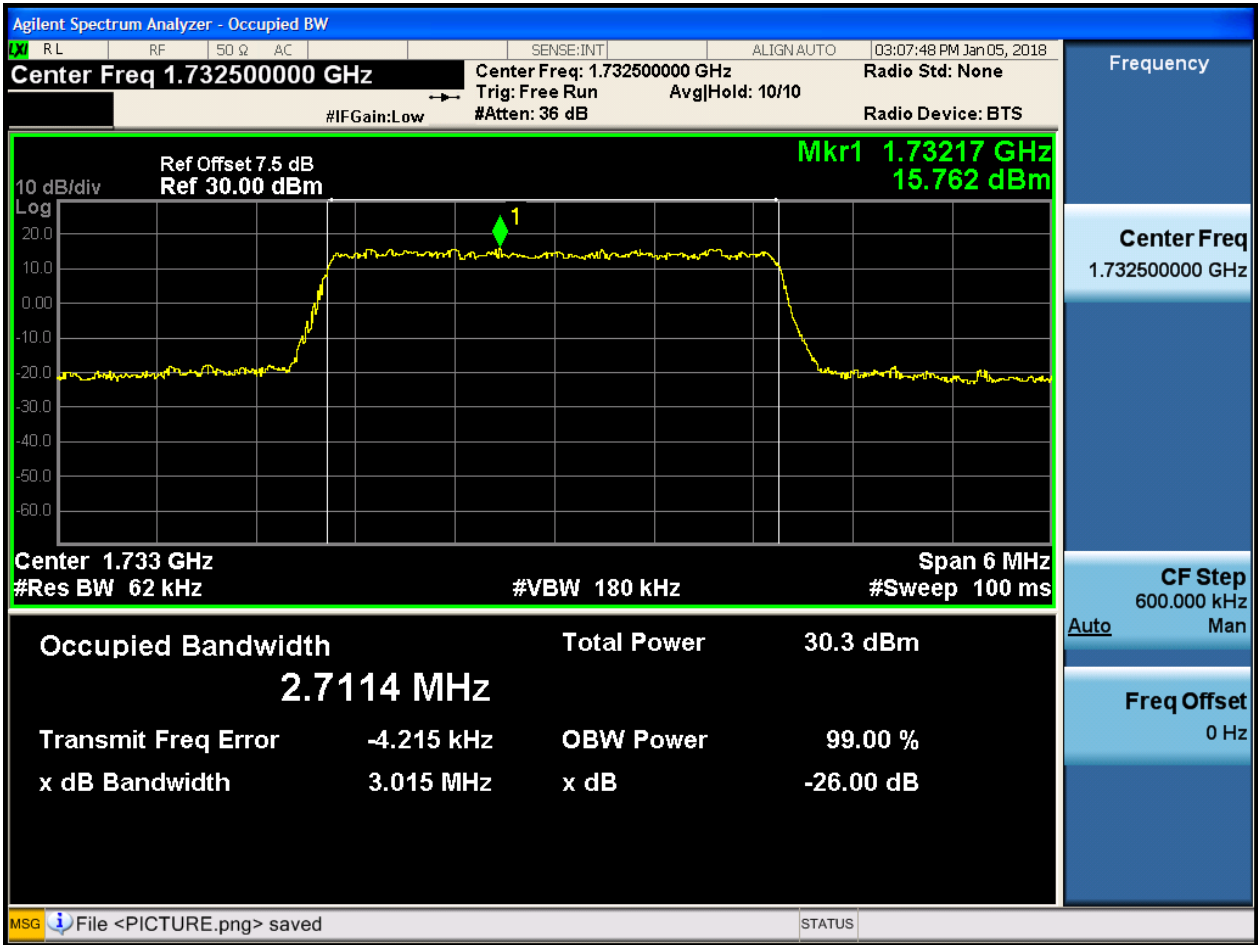
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

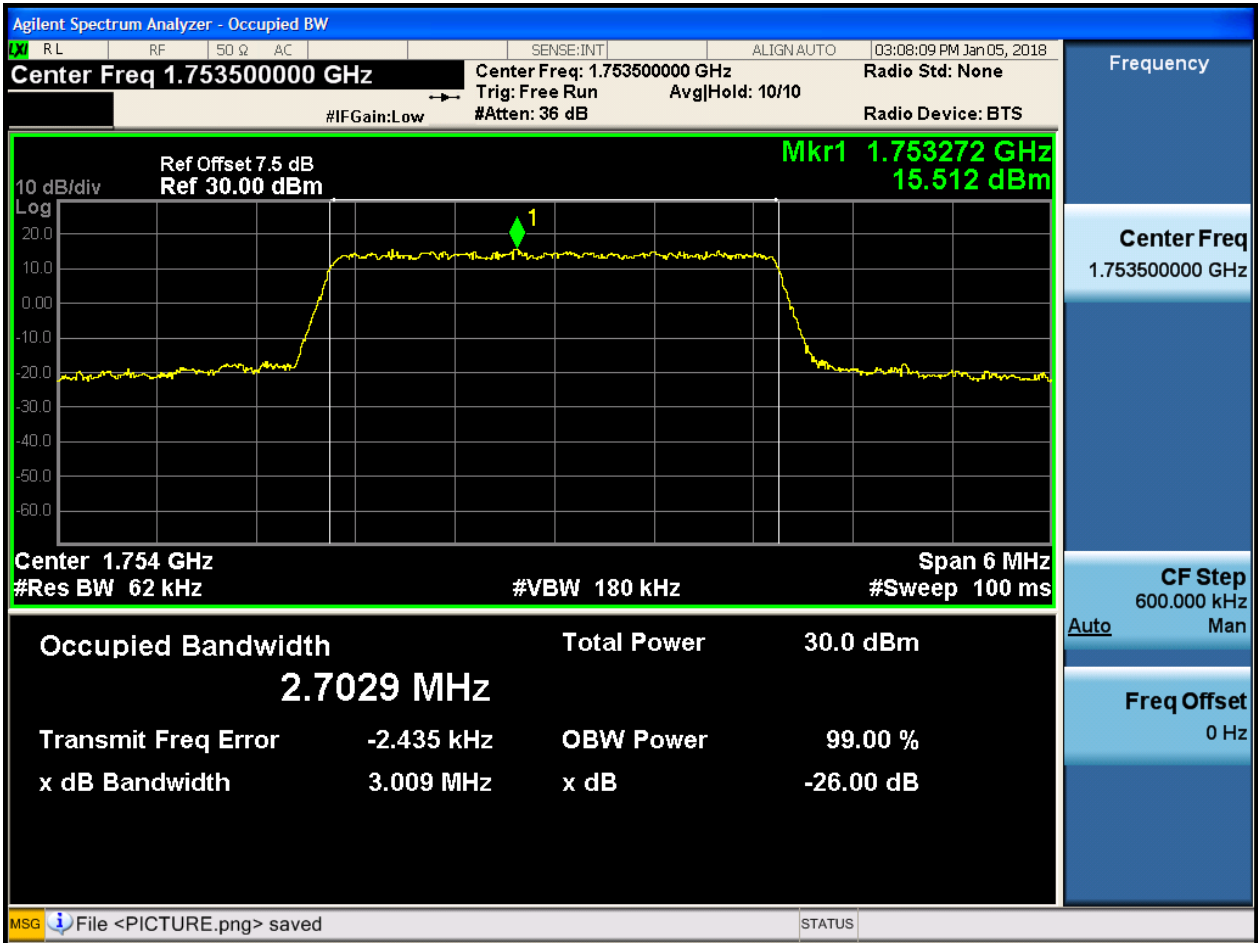
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

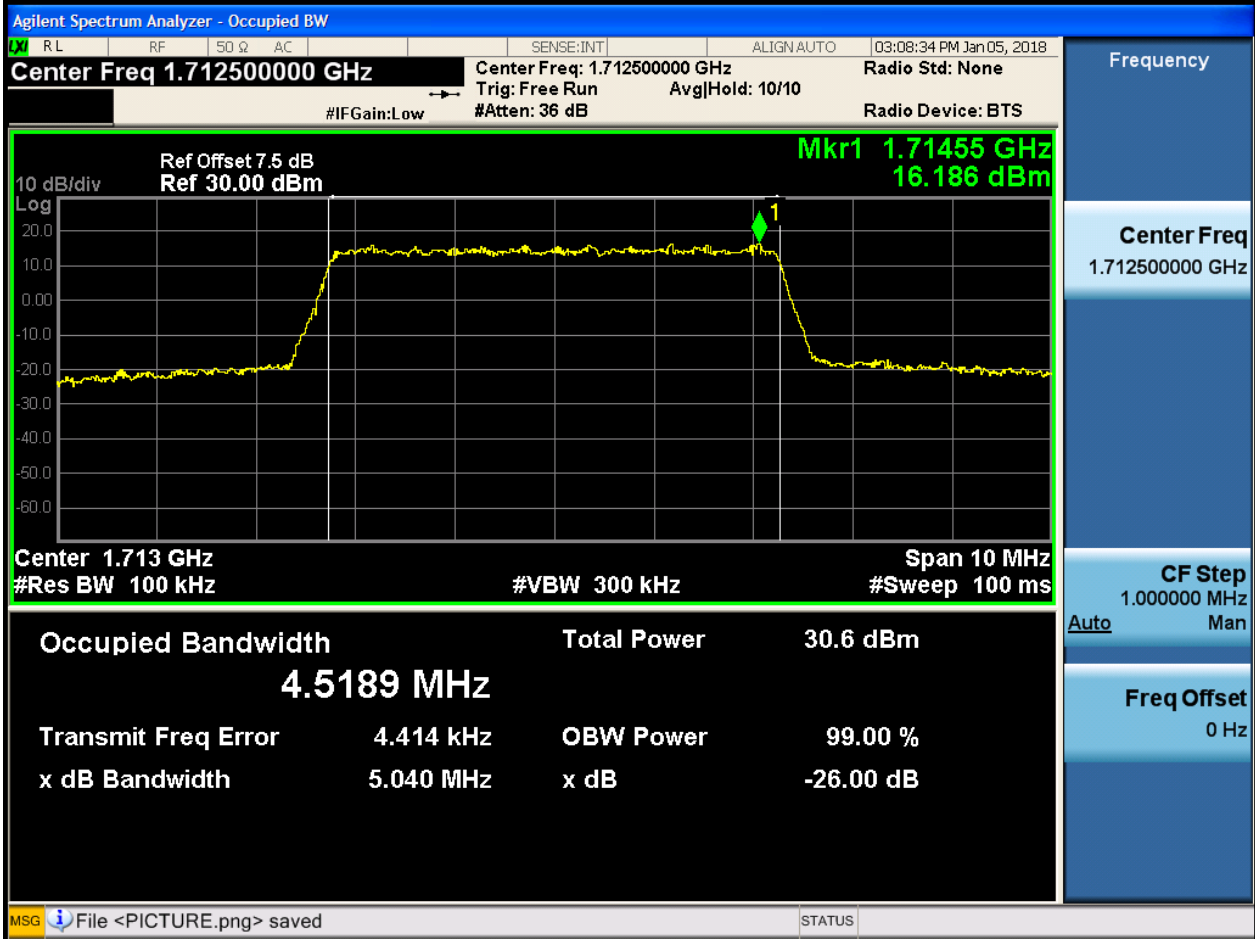




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

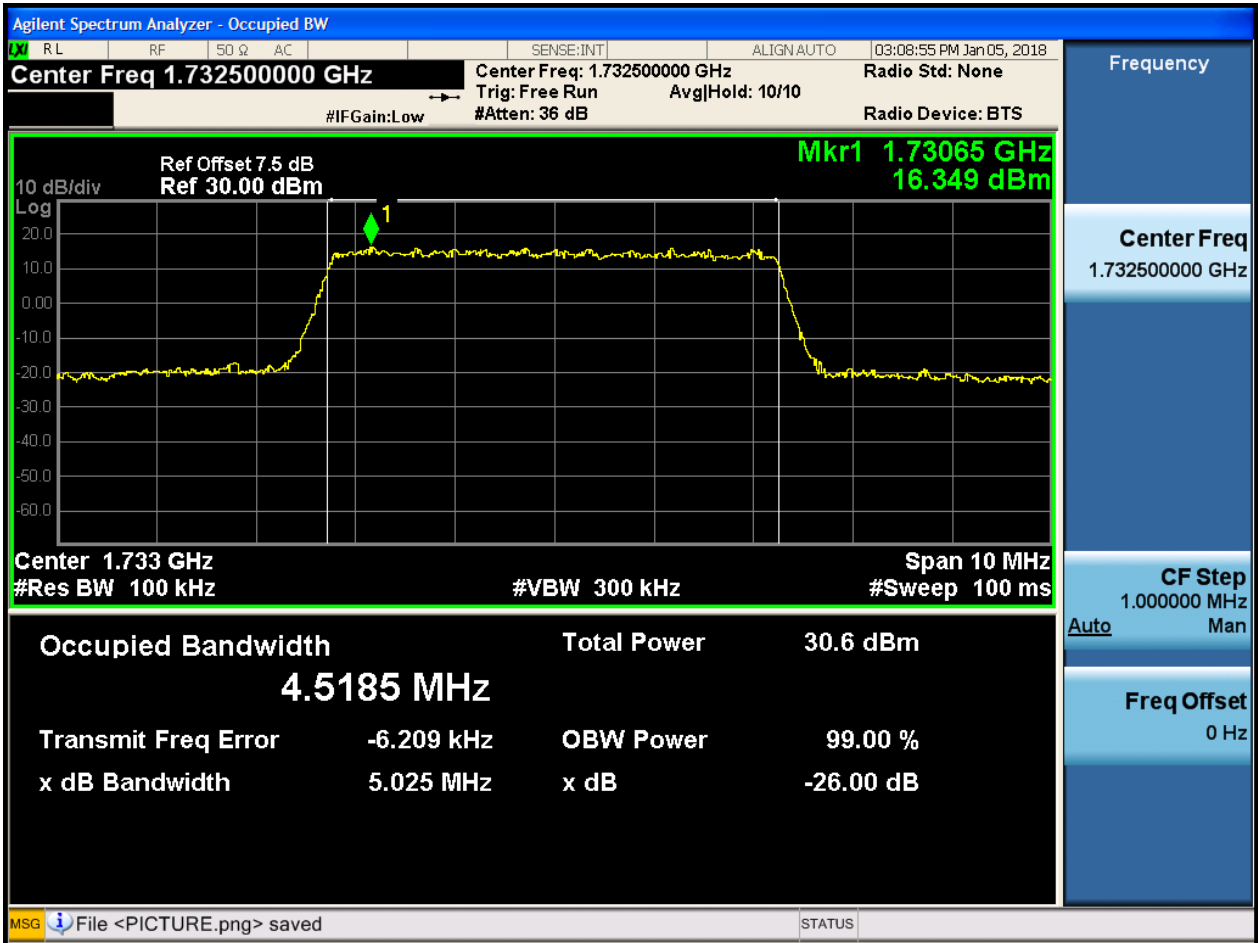
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

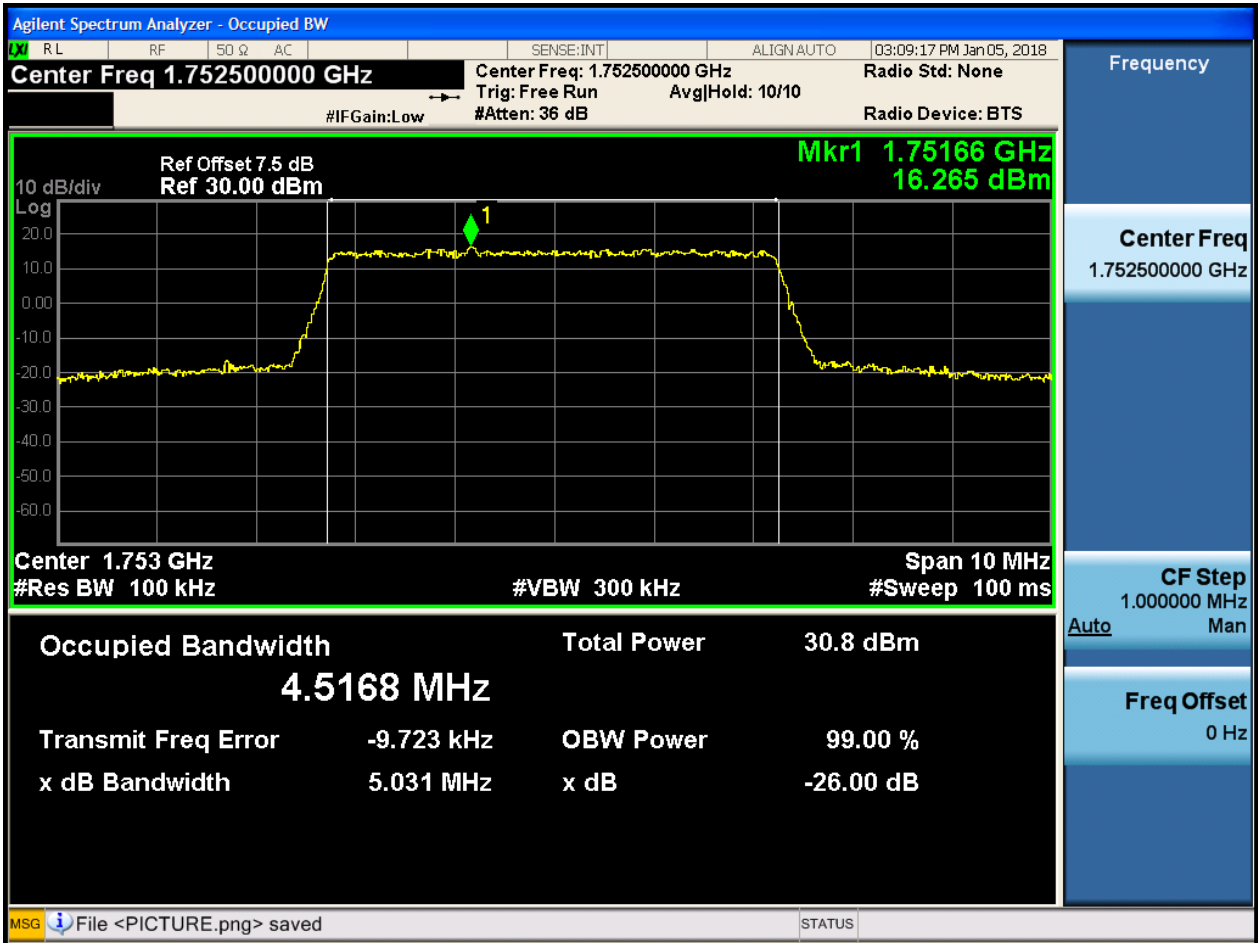
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

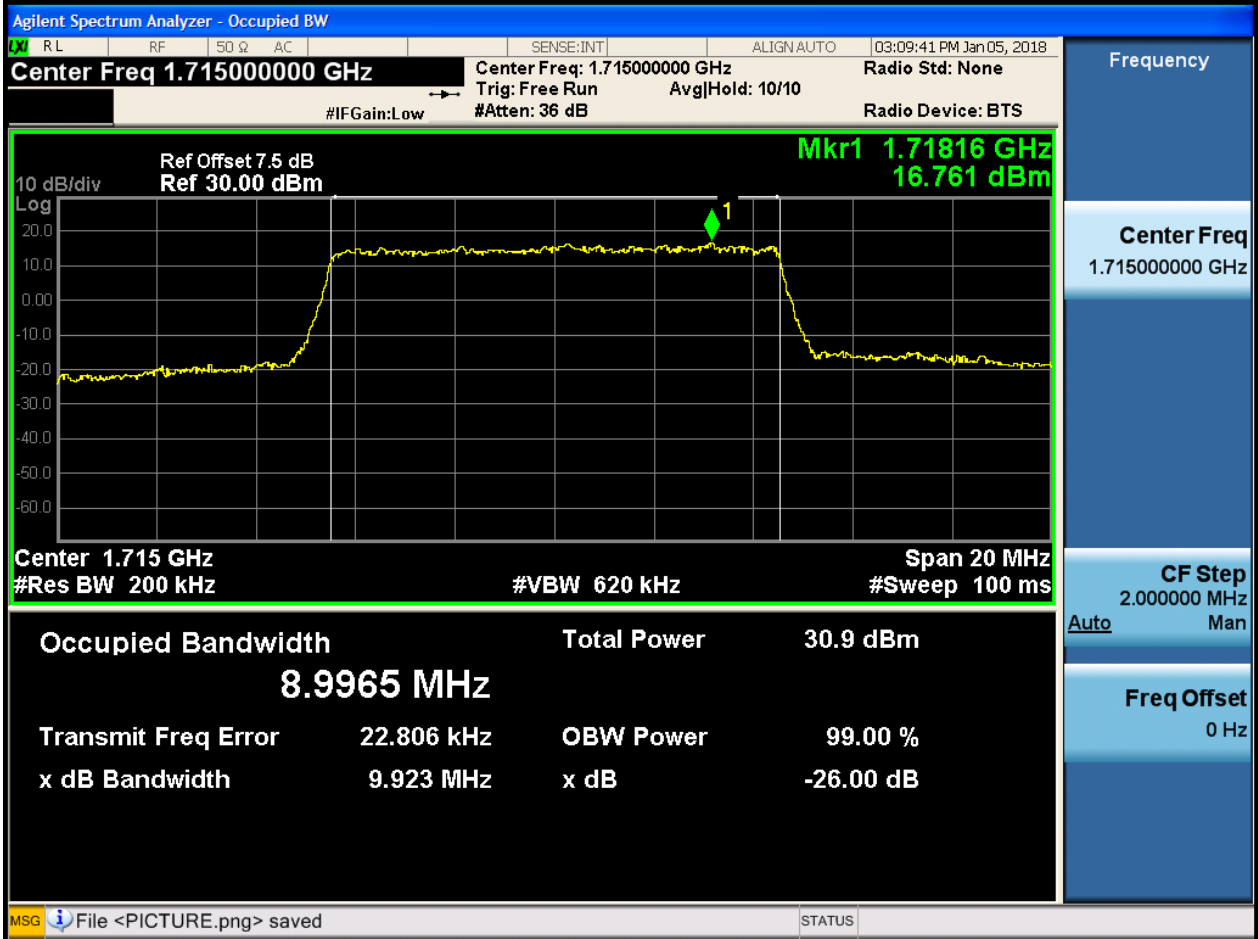




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

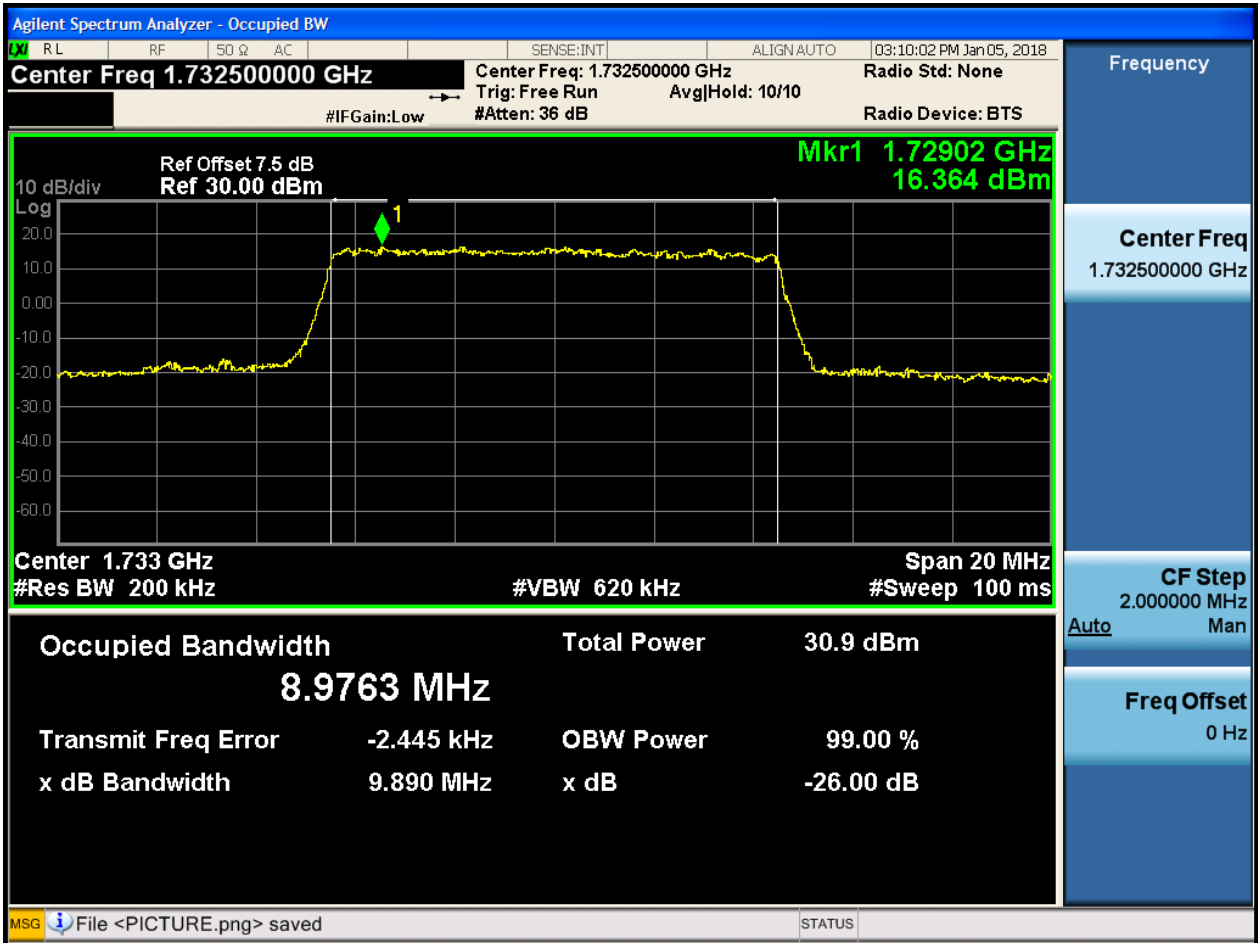
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

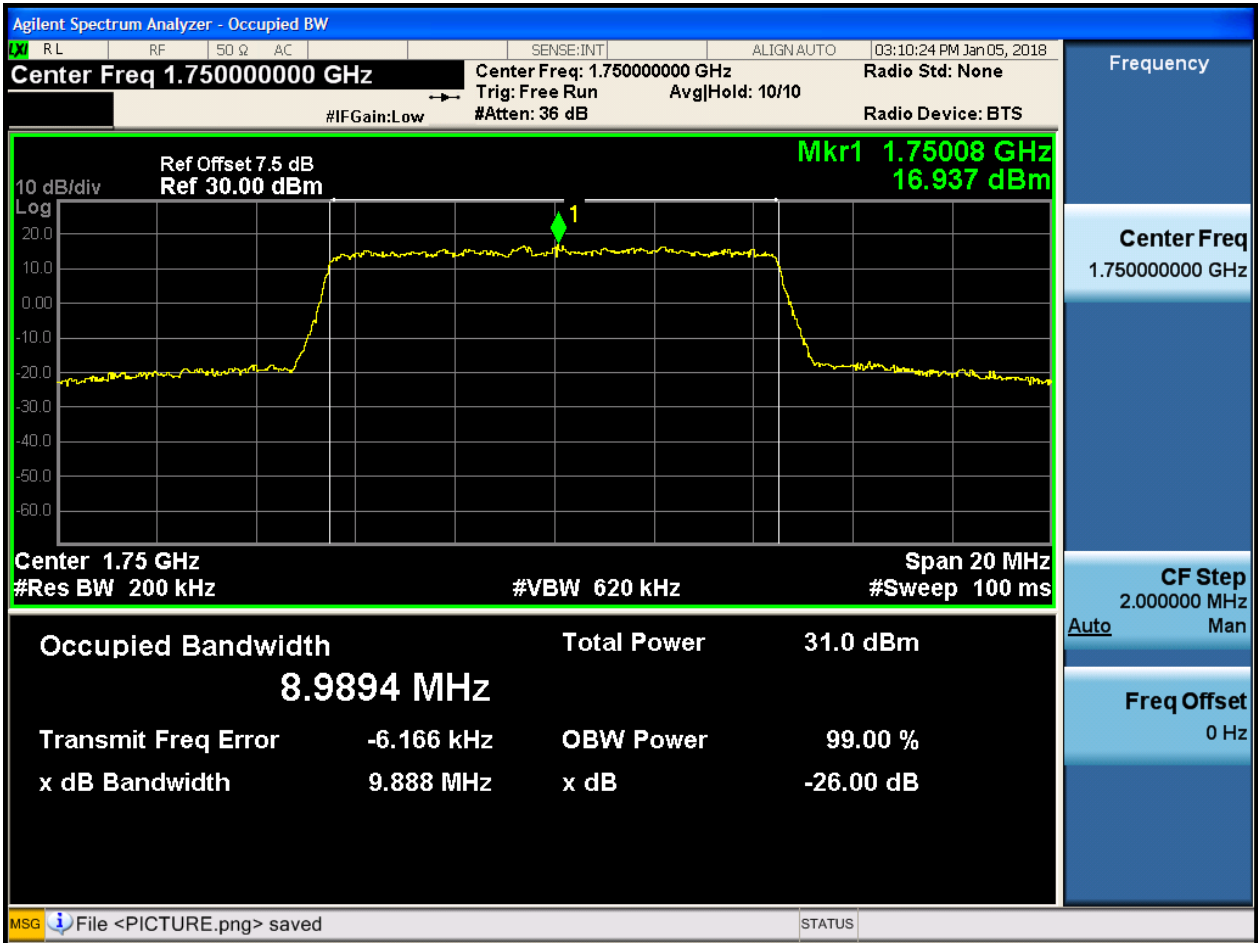
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

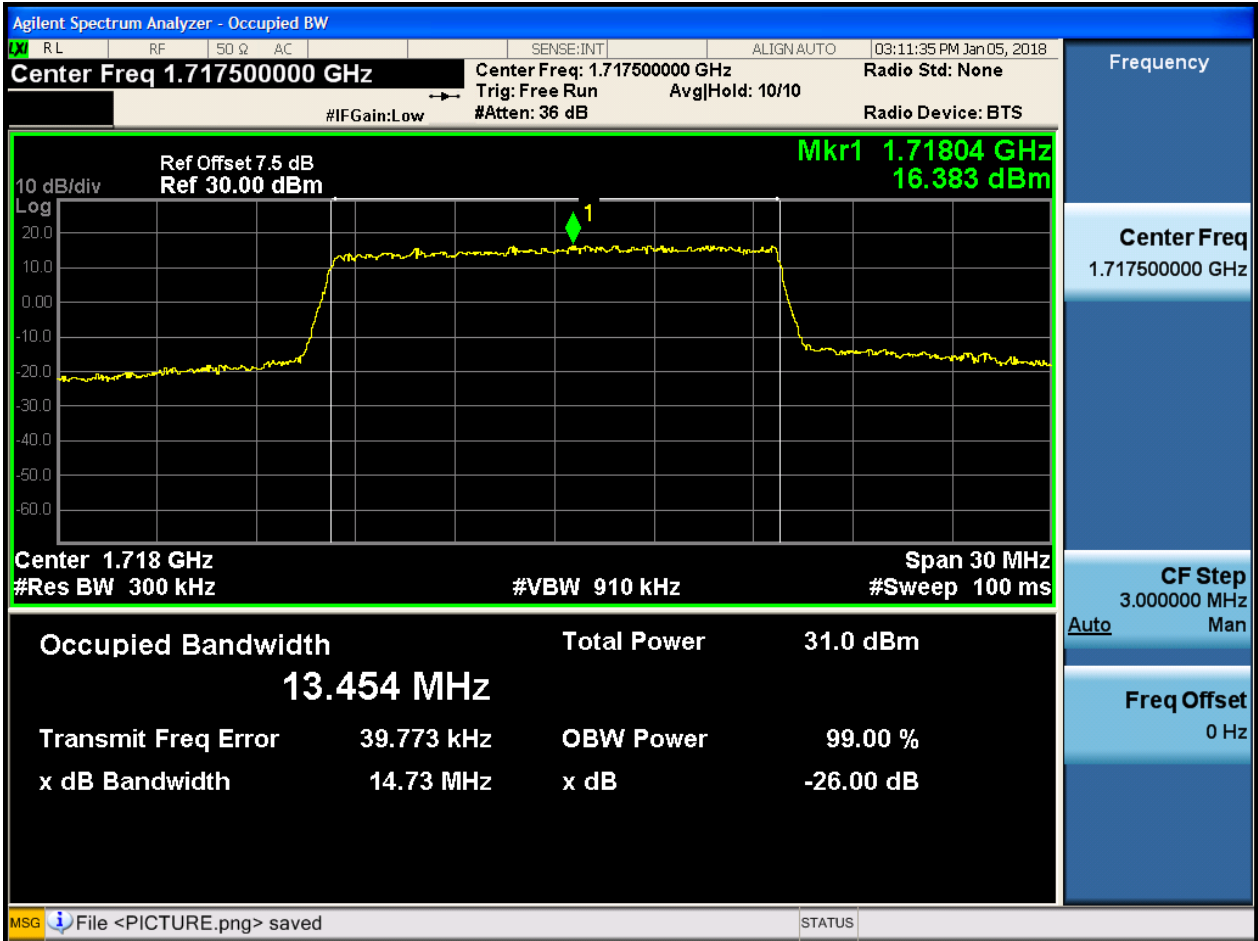




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

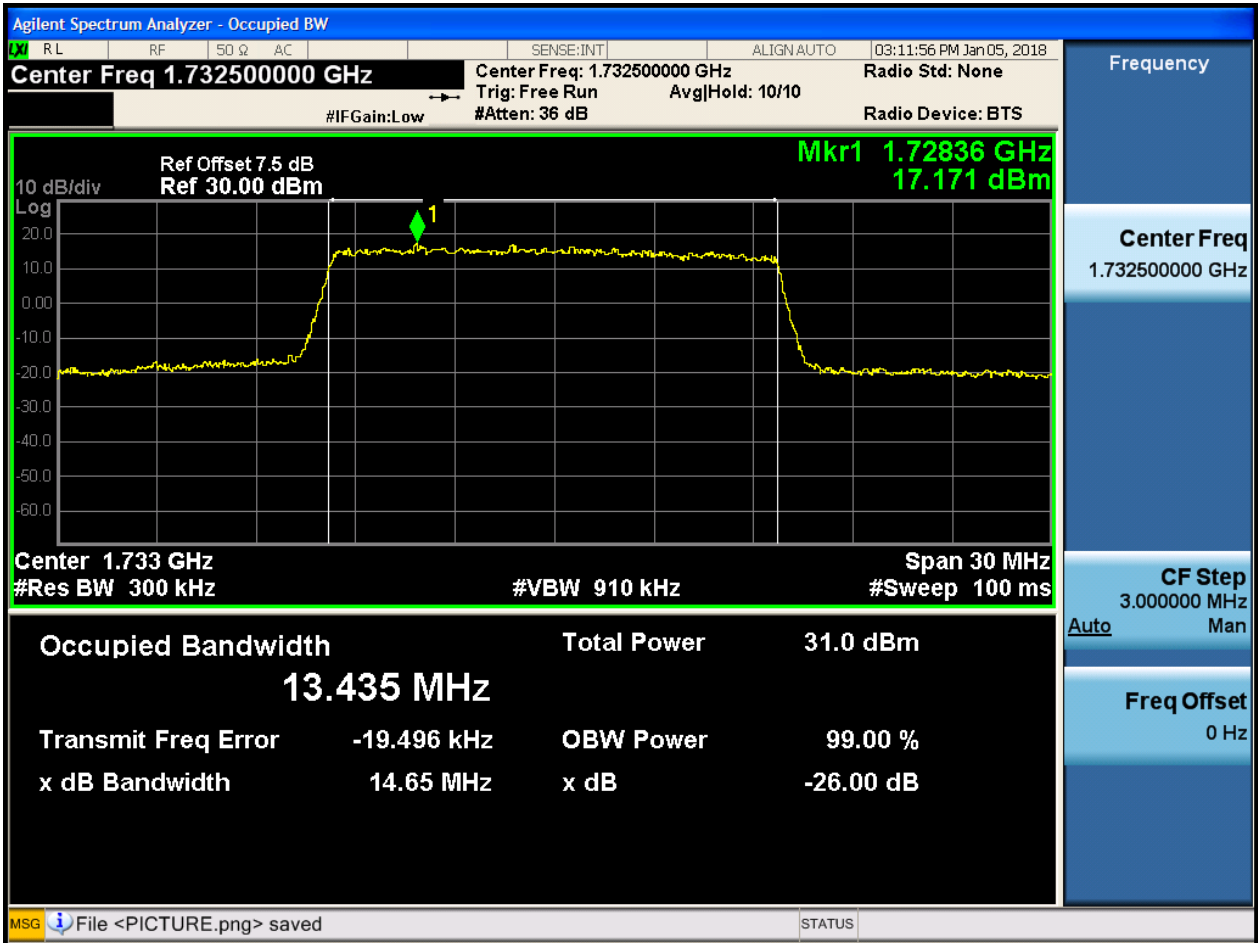
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

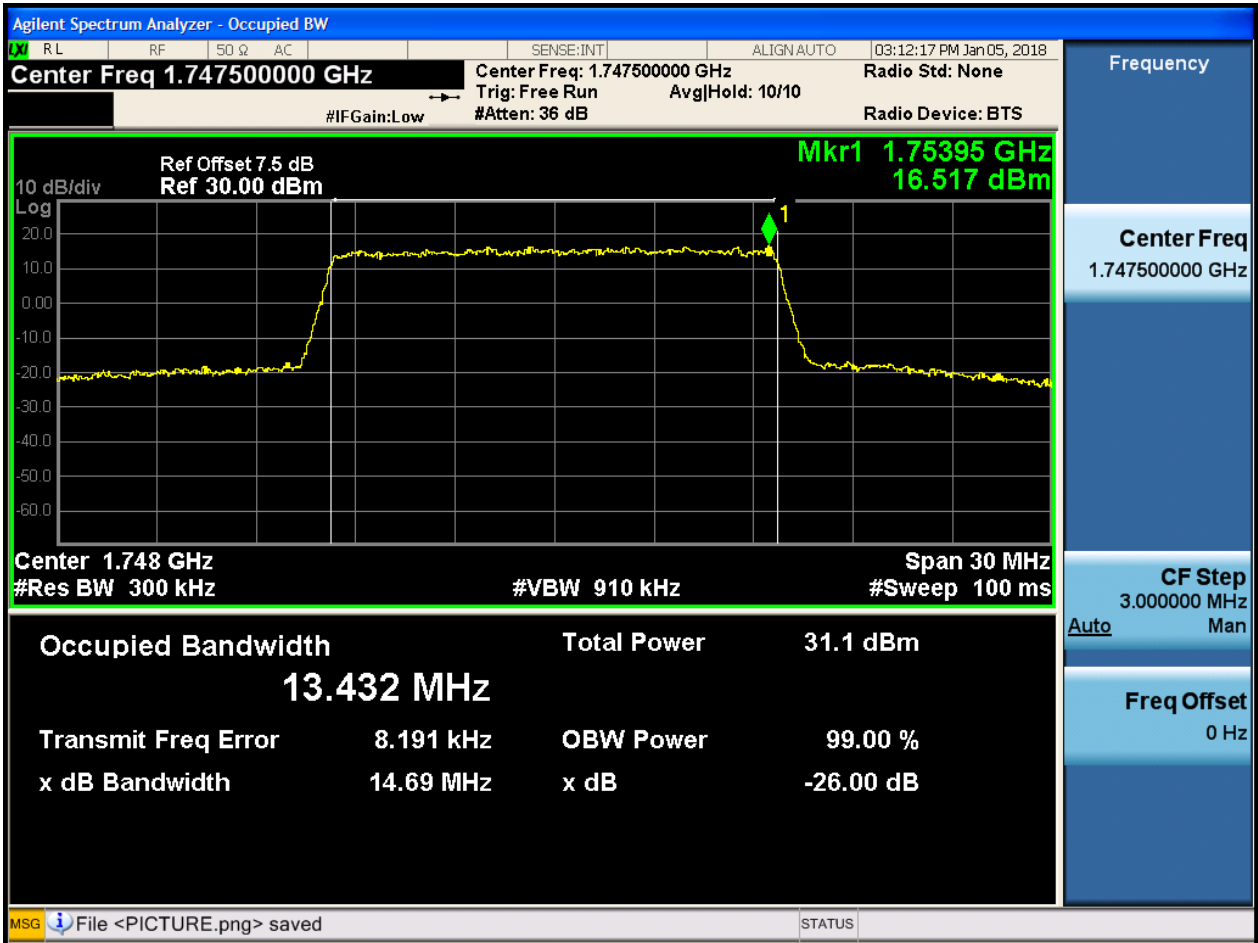
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

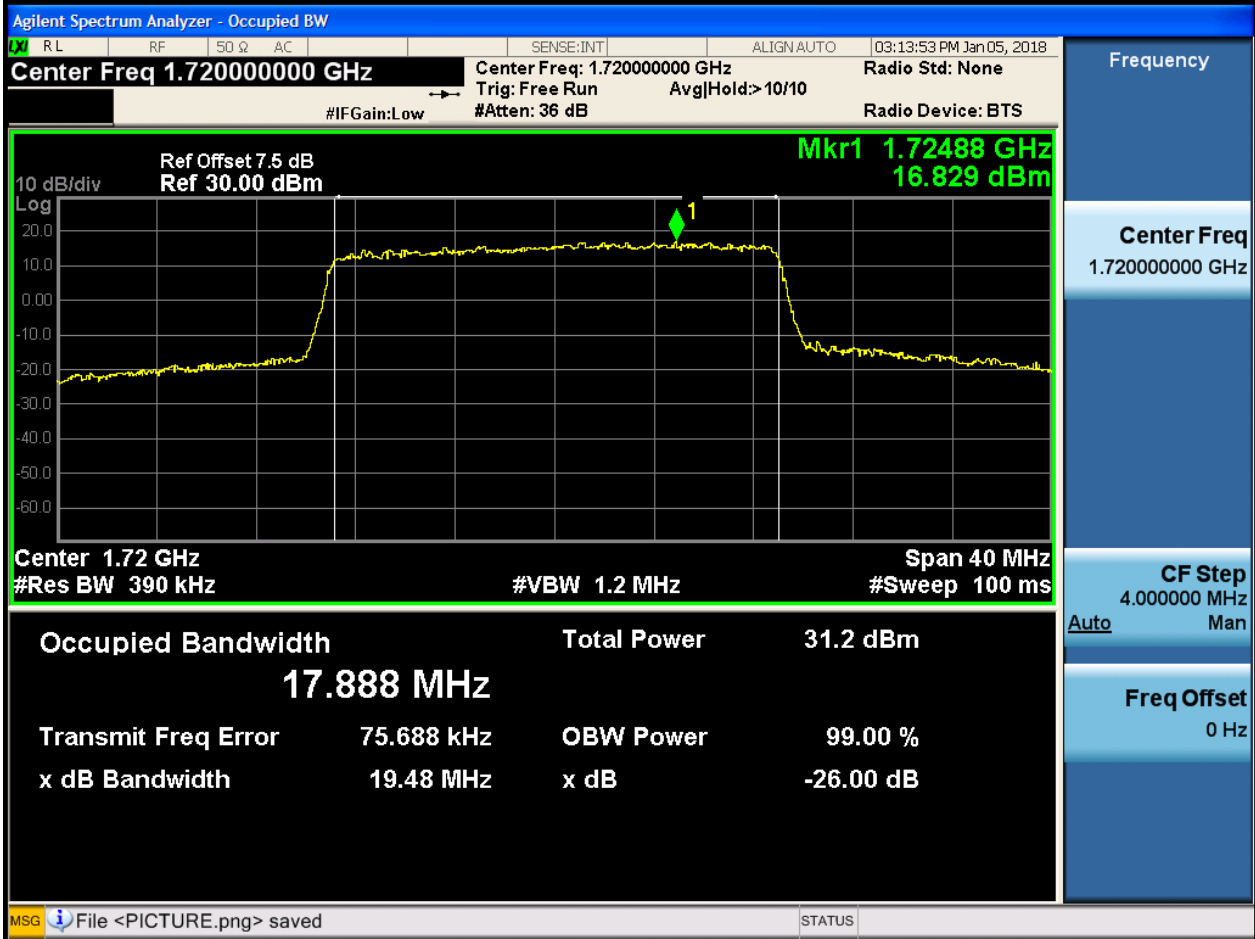




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

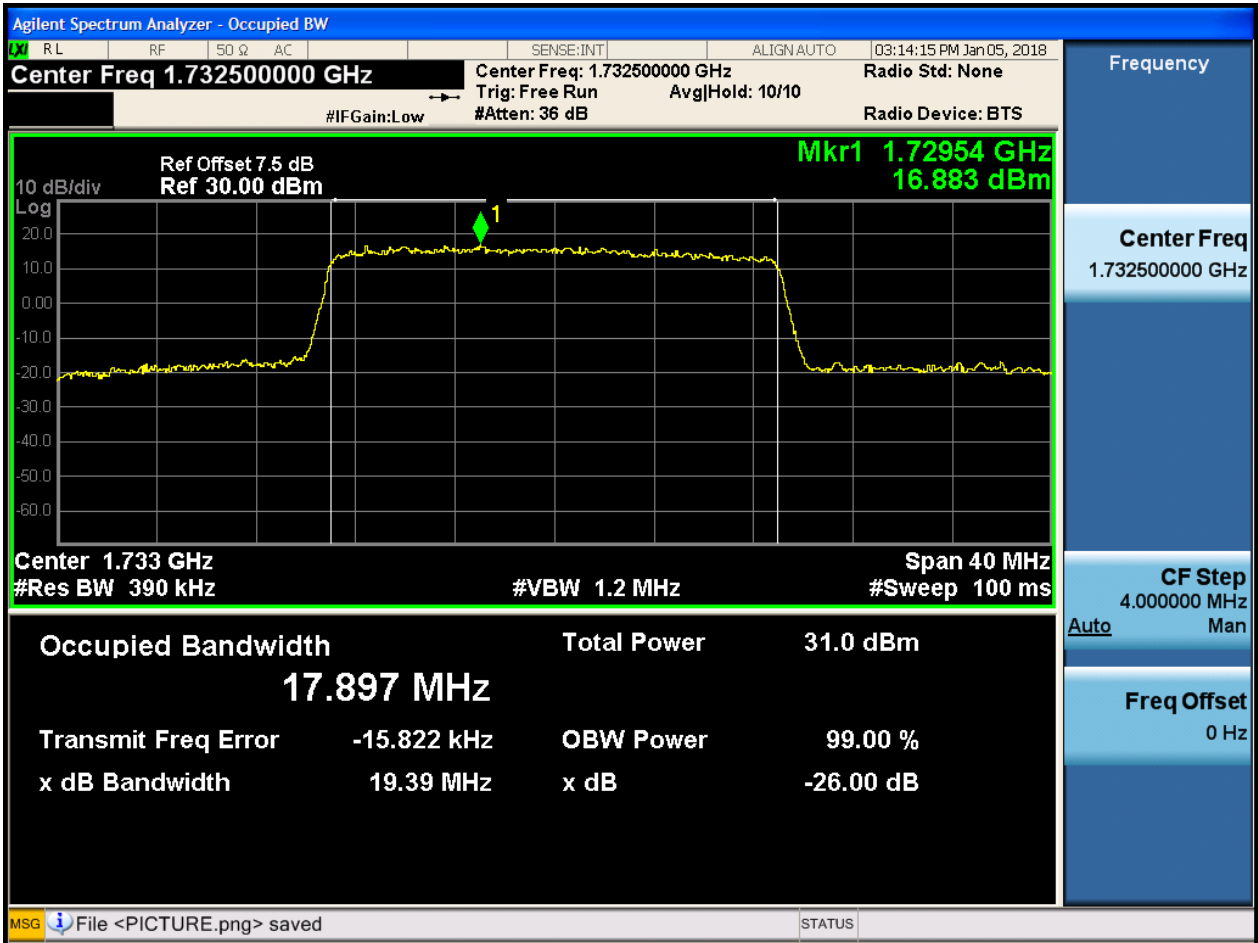
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

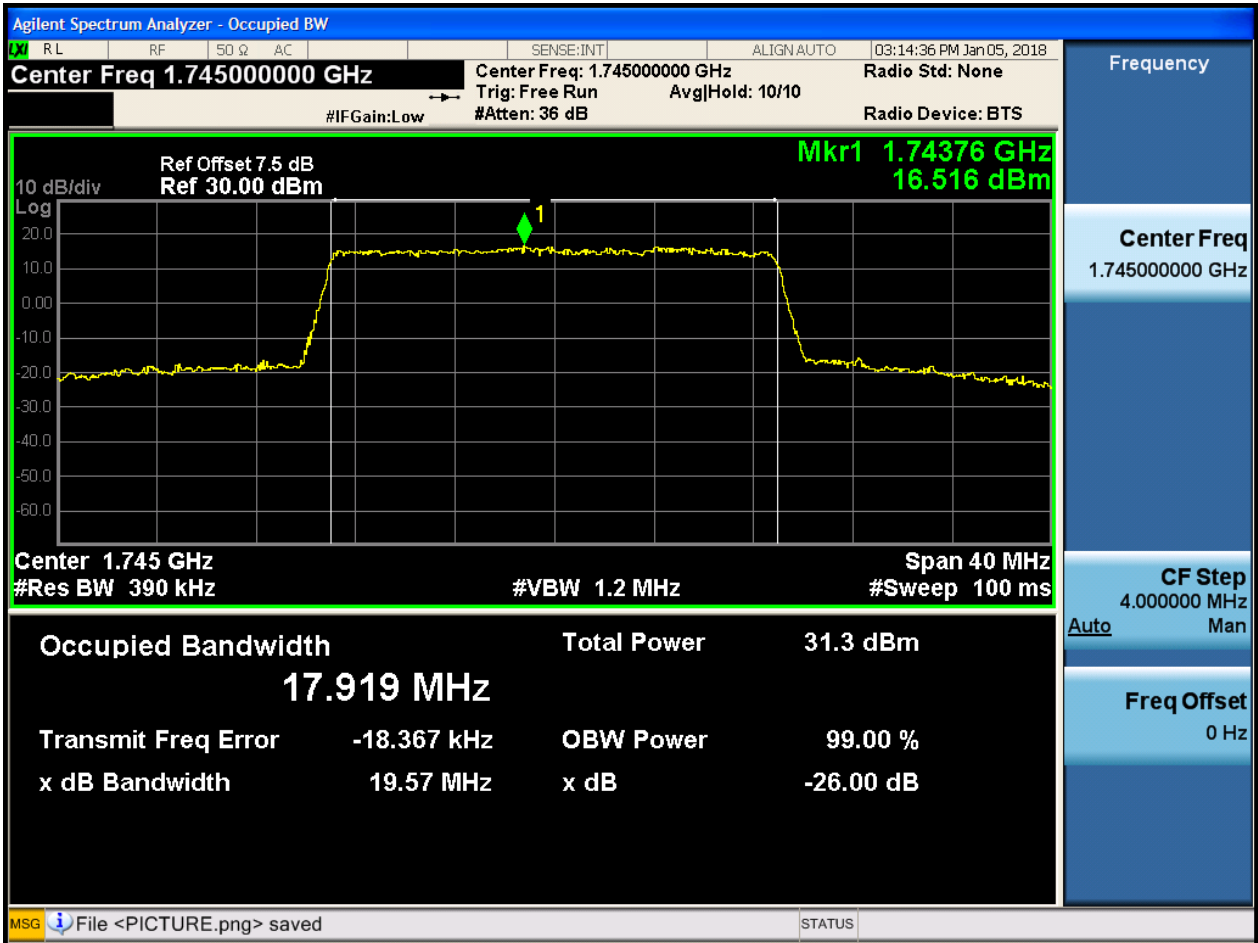
4.1.1.2.6.2.1 Test RB = RB100#0





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

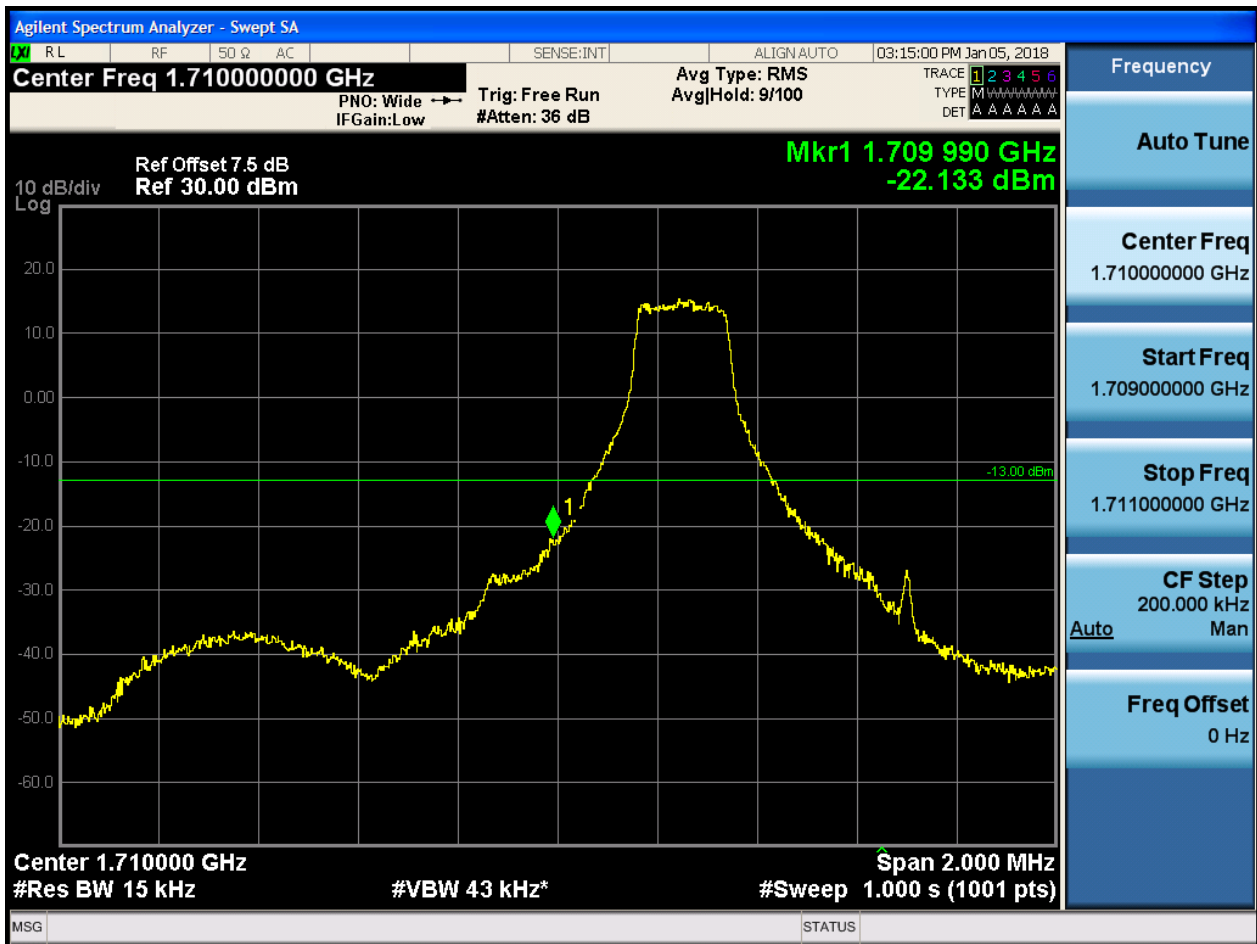
5.1.1 Test Band = BAND4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

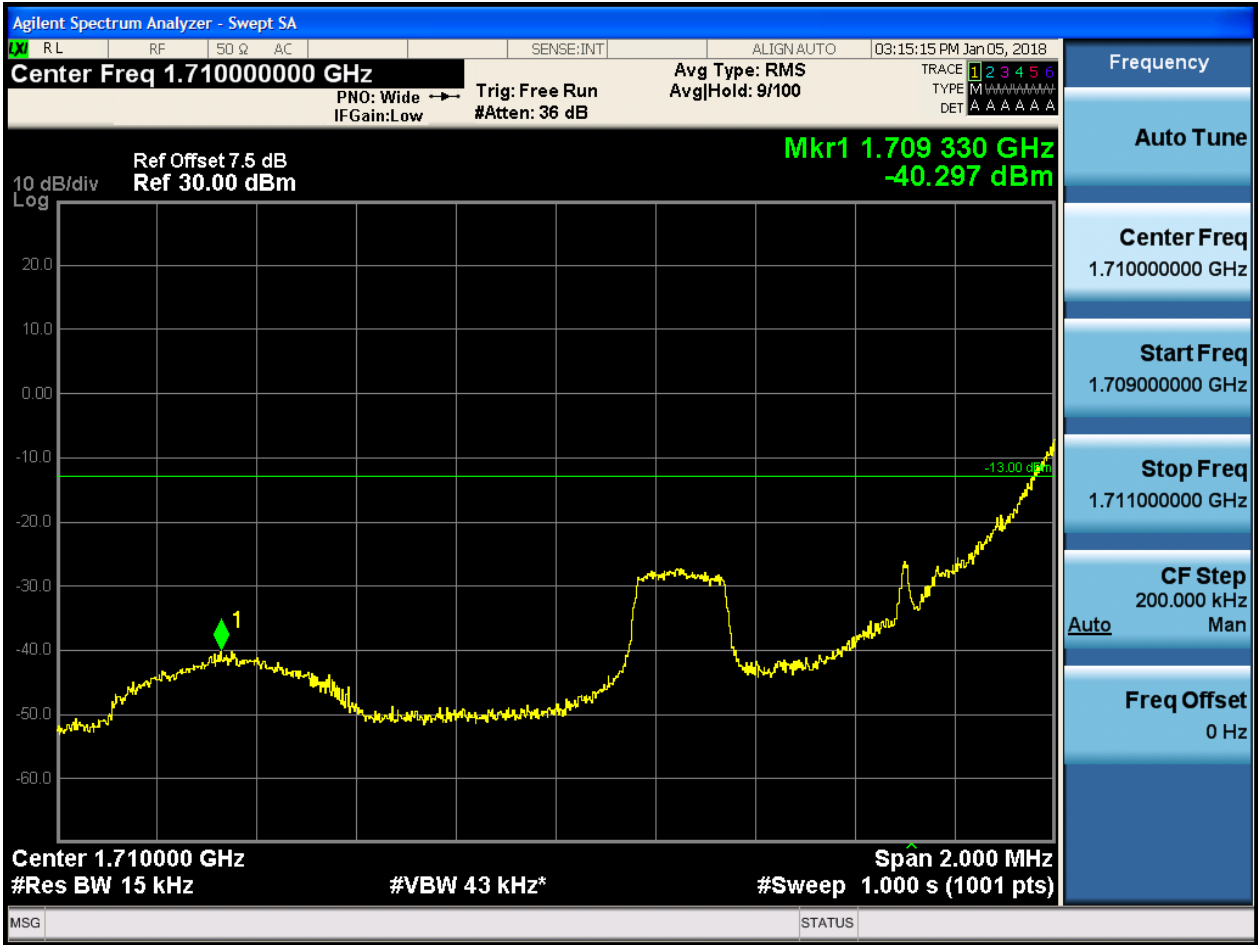
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



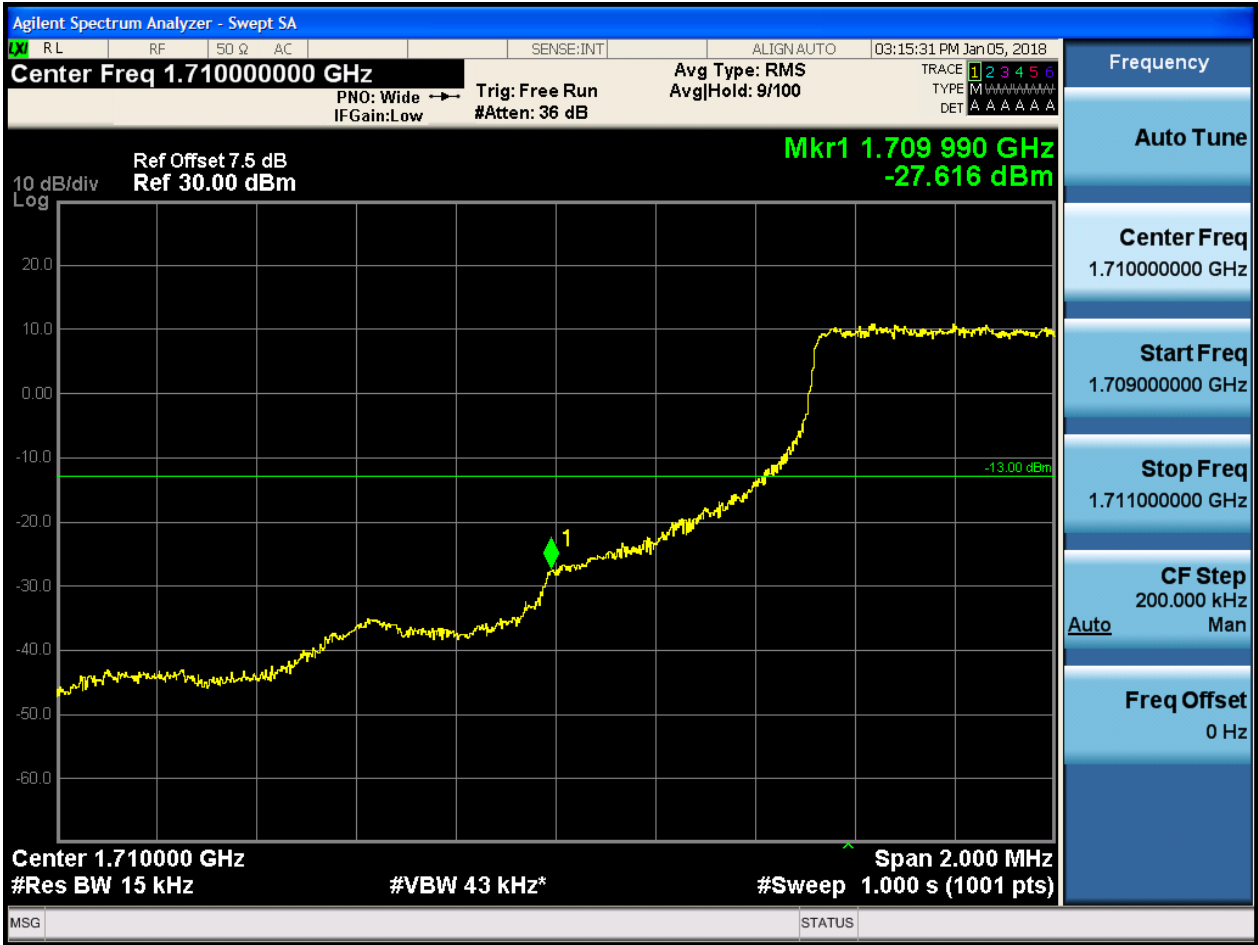


5.1.1.1.1.2 Test RB = RB1#5



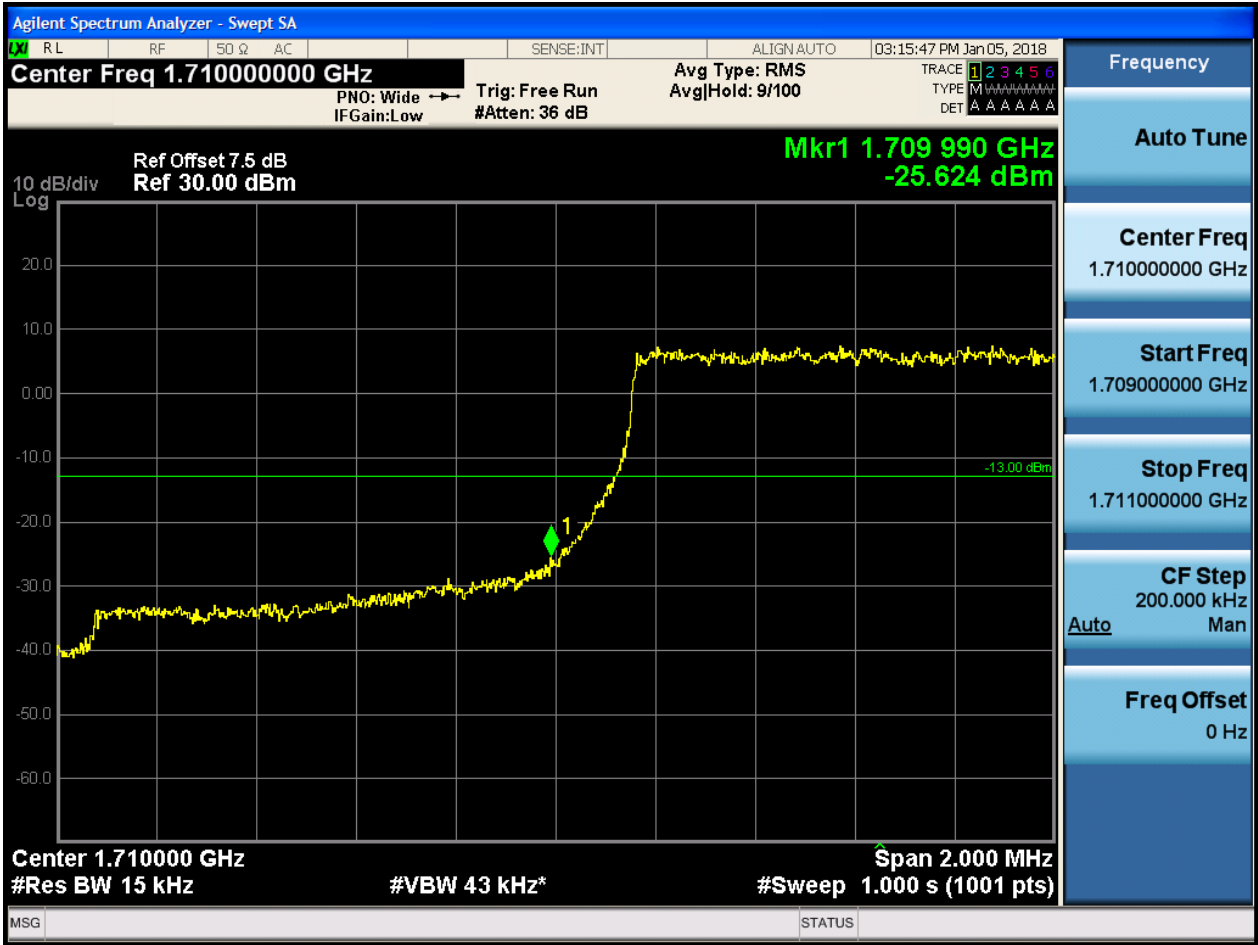


5.1.1.1.1.3 Test RB = RB3#2





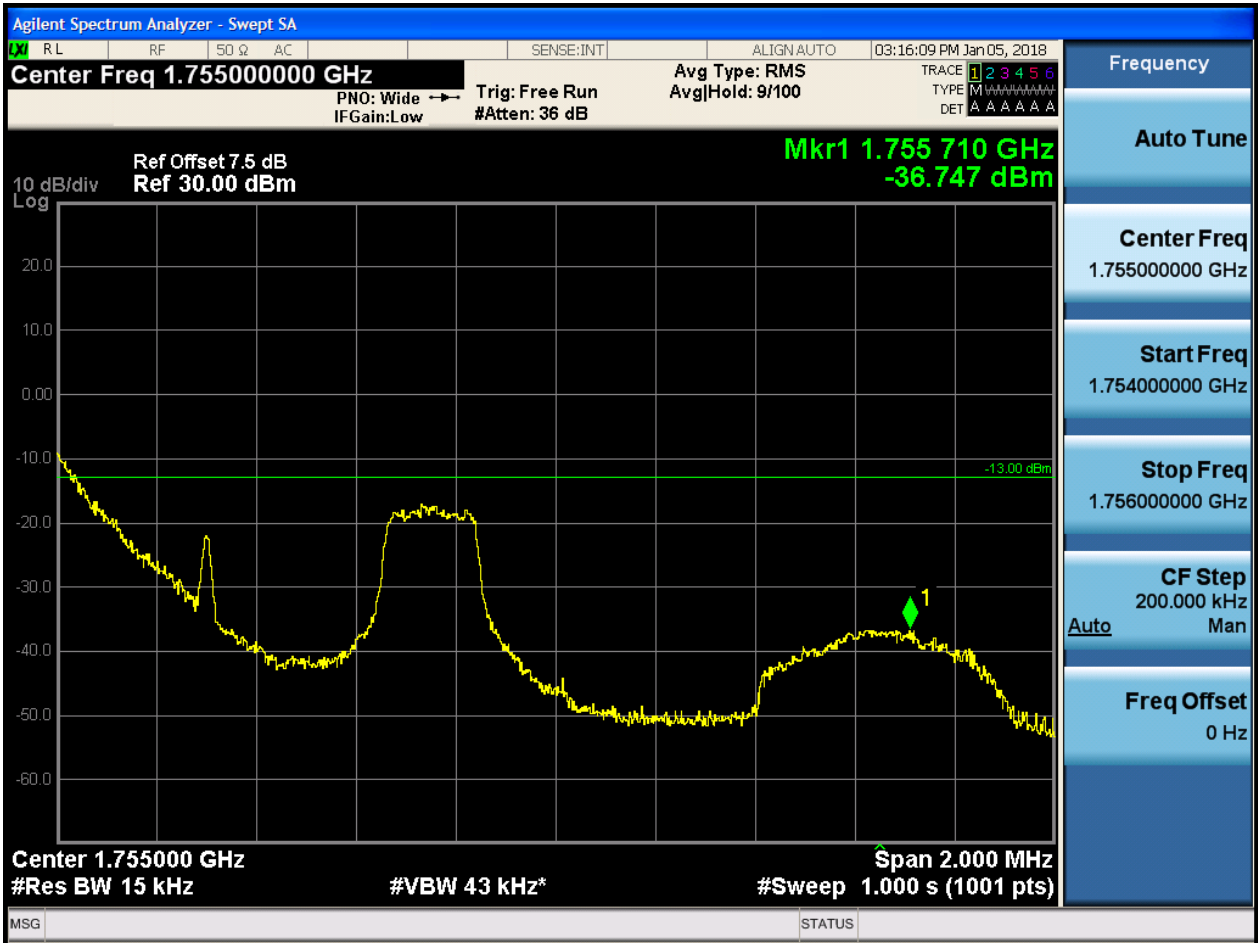
5.1.1.1.1.4 Test RB = RB6#0





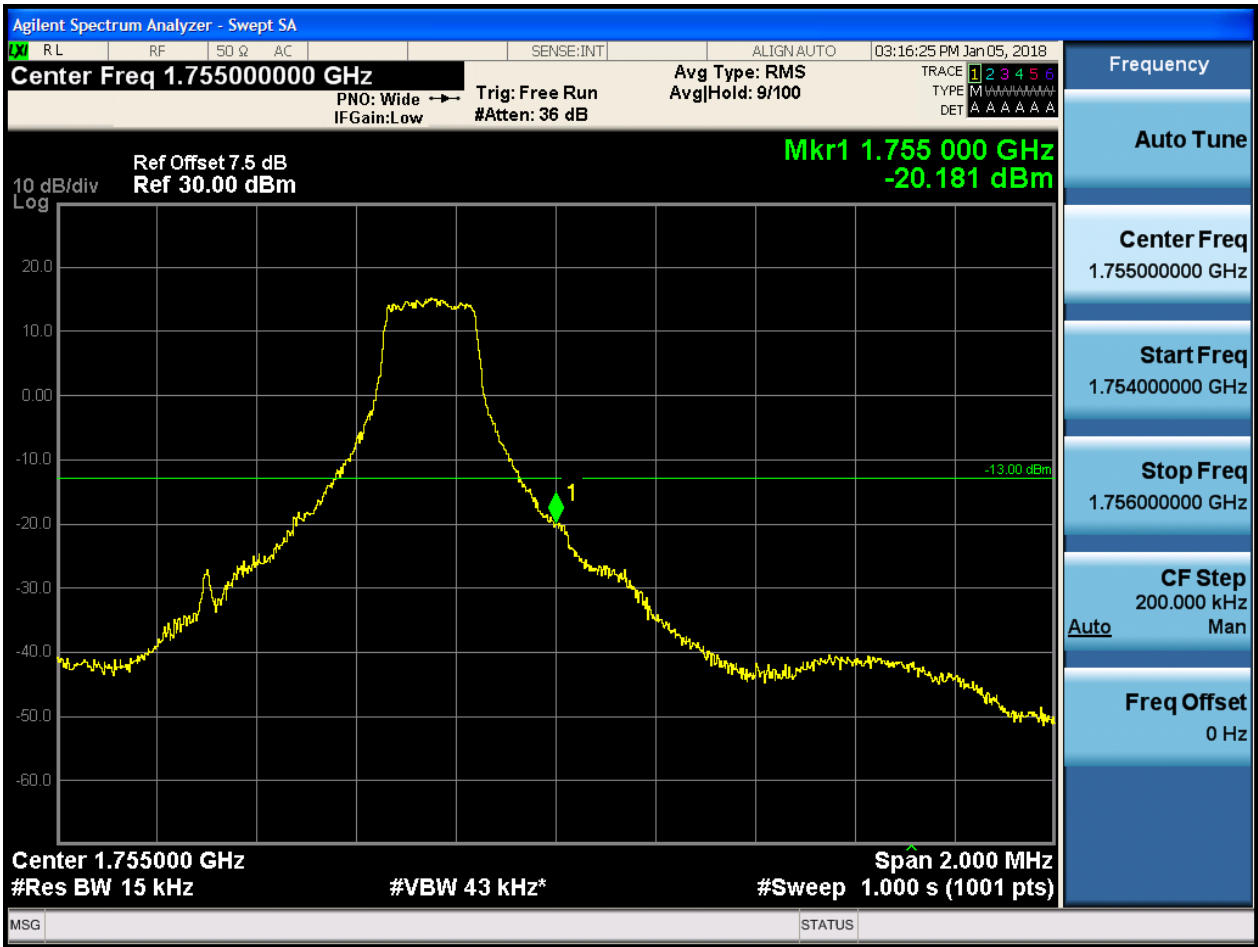
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

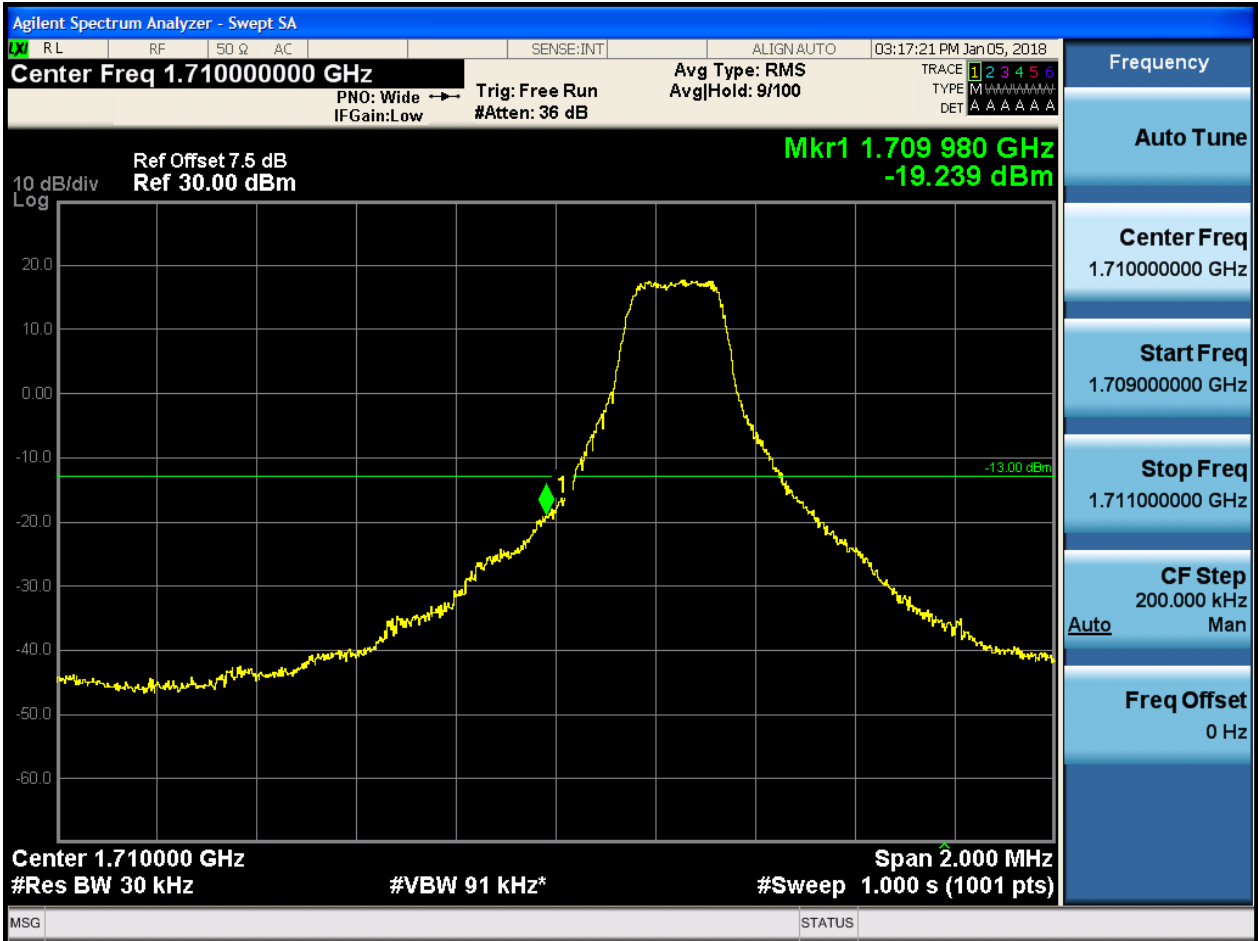




5.1.1.1.2 Test Bandwidth = 3

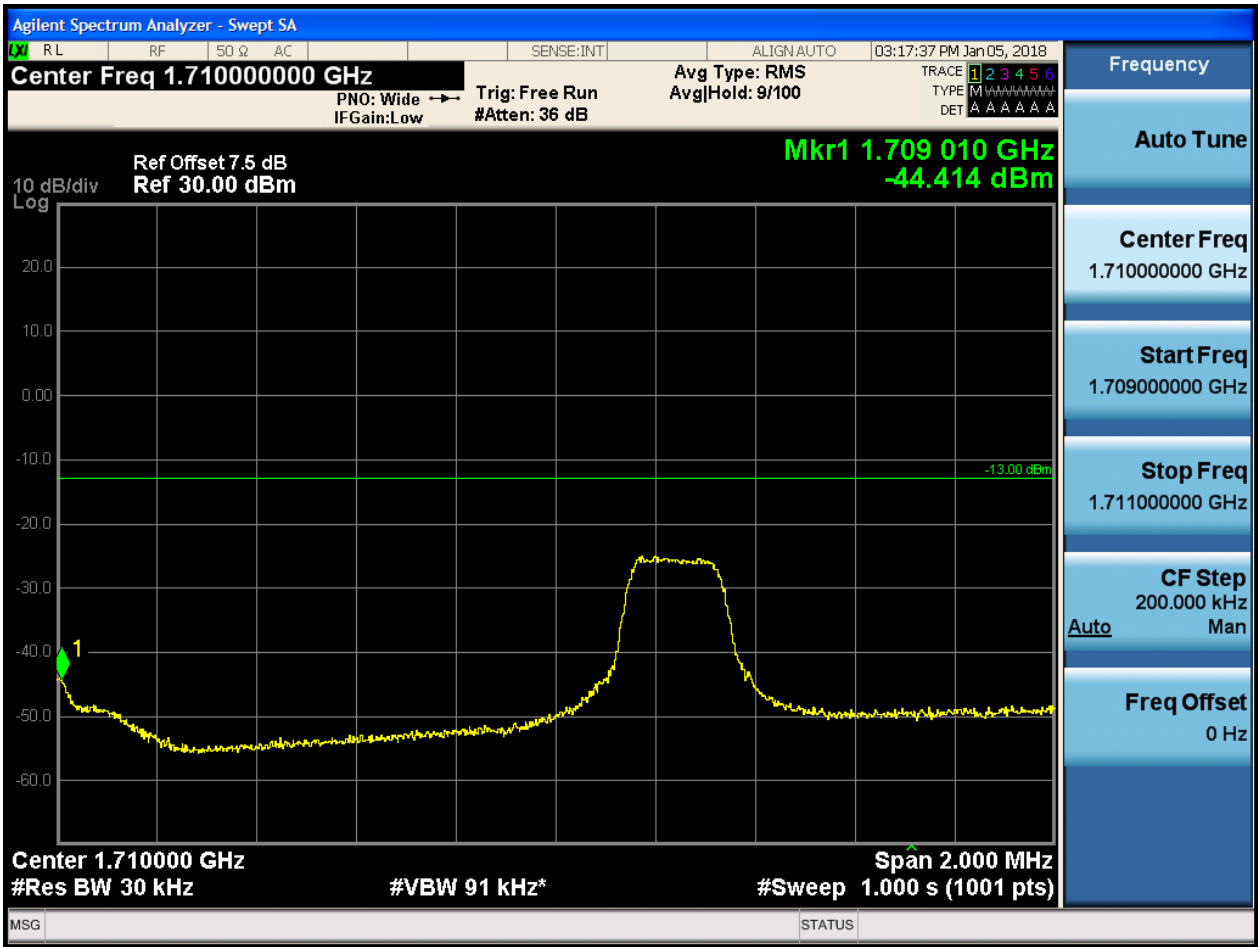
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



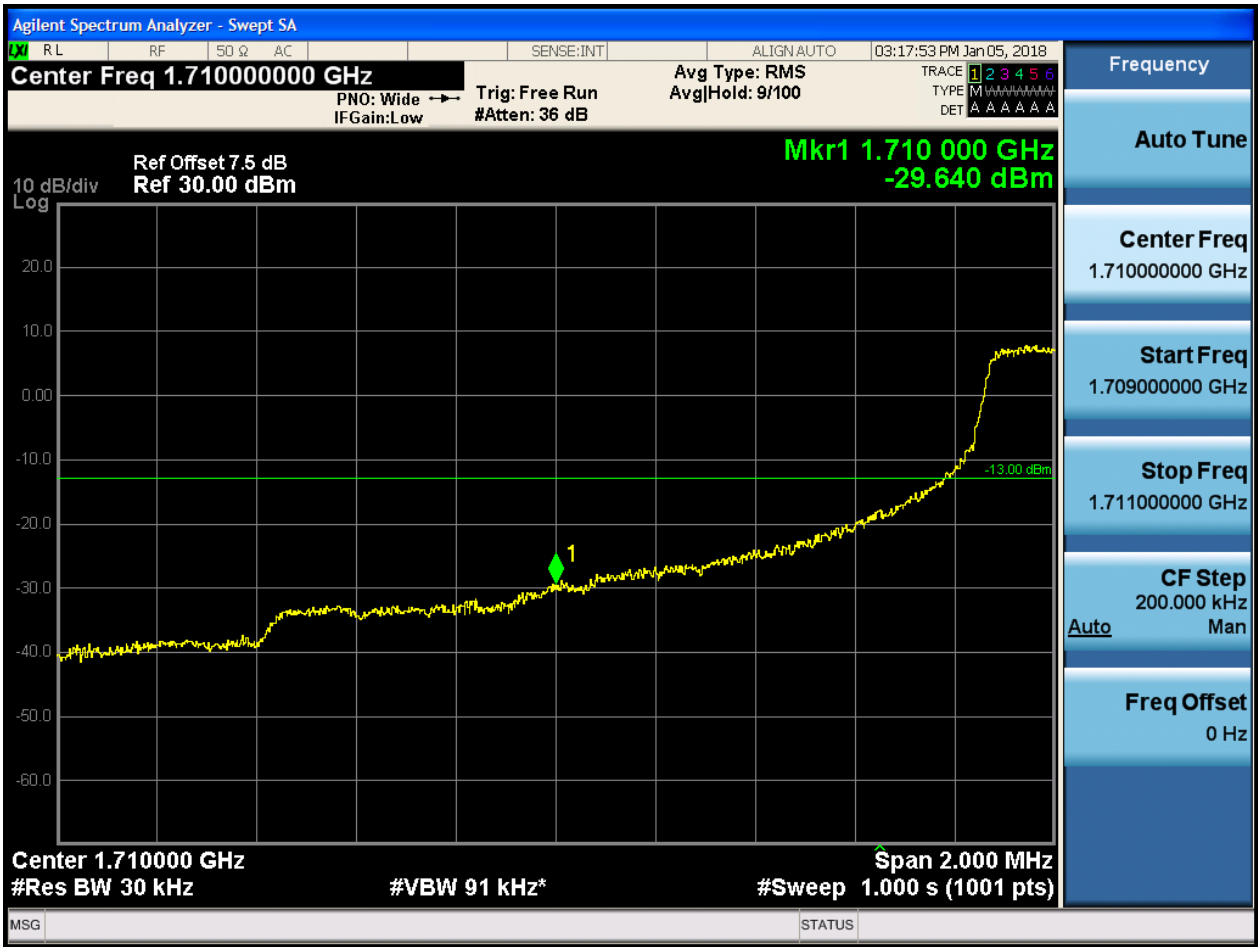


5.1.1.1.2.1.2 Test RB = RB1#14



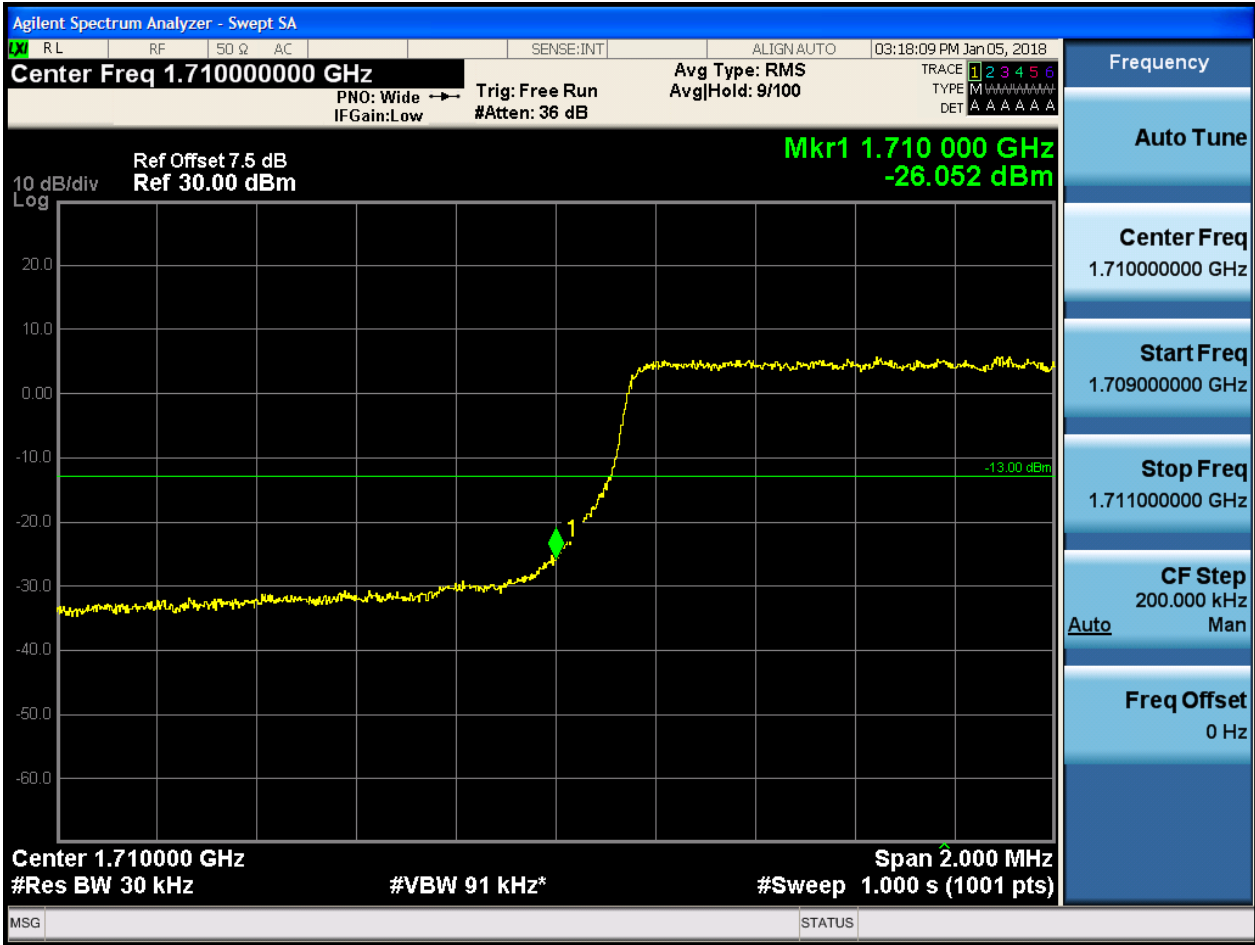


5.1.1.1.2.1.3 Test RB = RB8#4





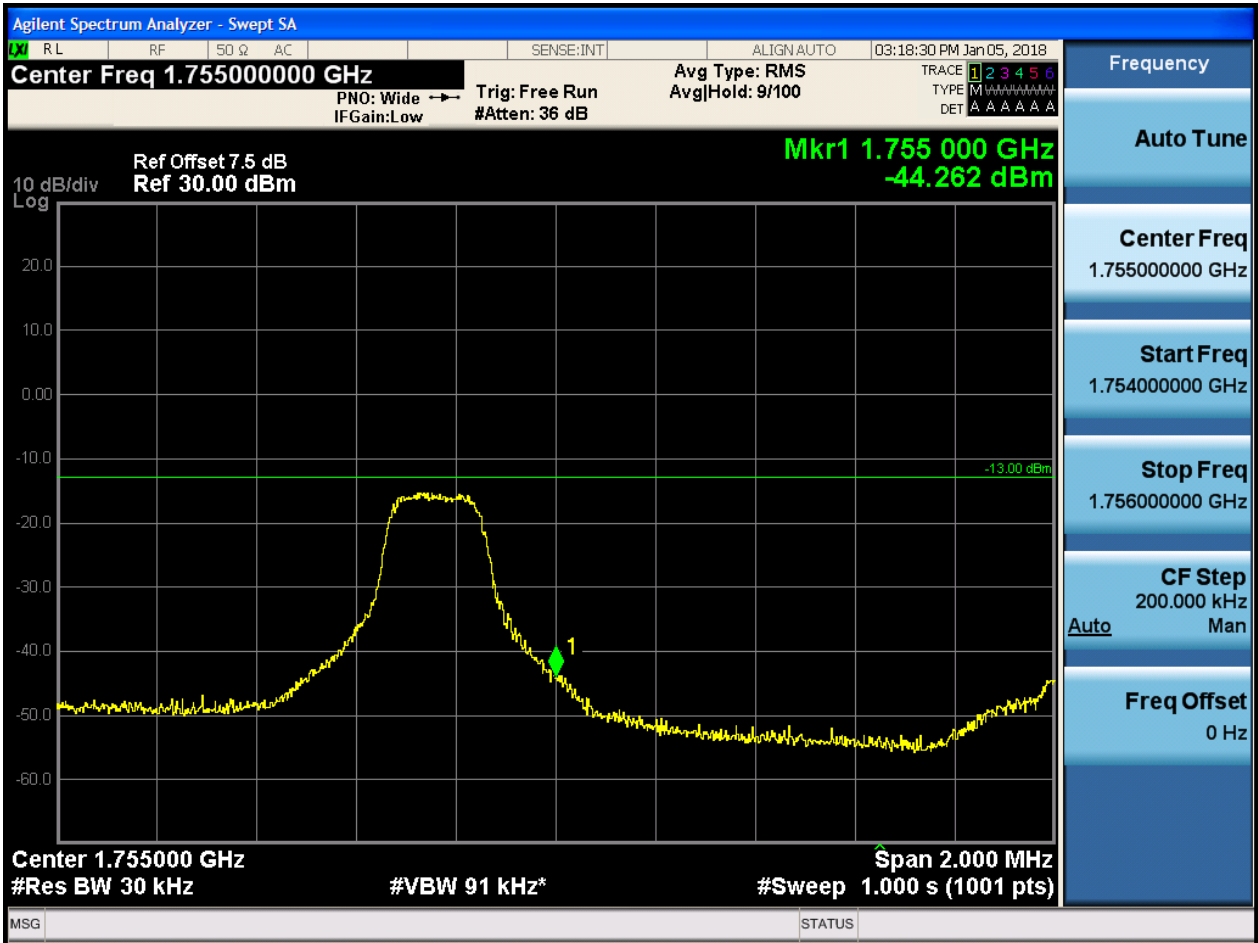
5.1.1.1.2.1.4 Test RB = RB15#0





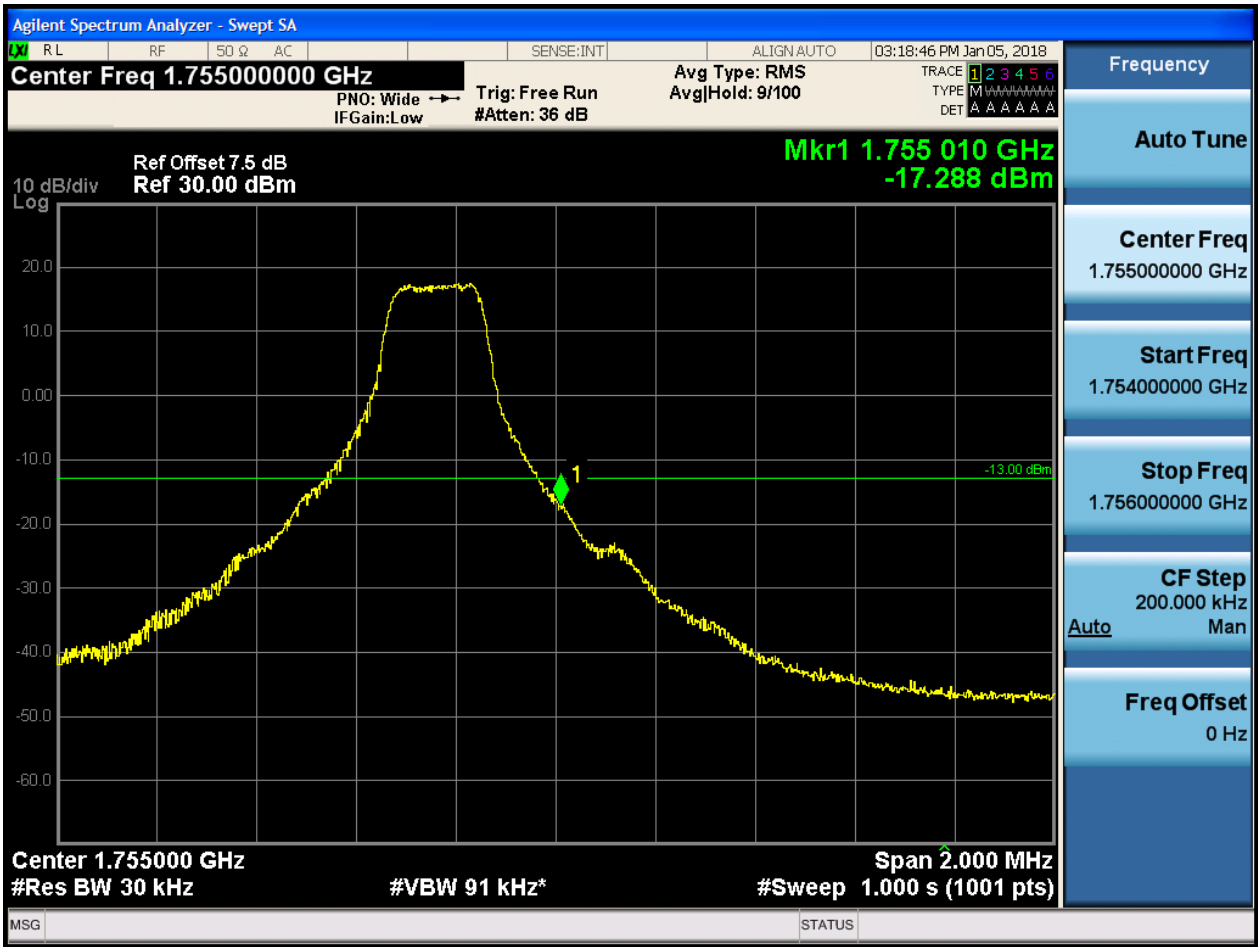
5.1.1.1.2.2 Test Channel = HCH

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

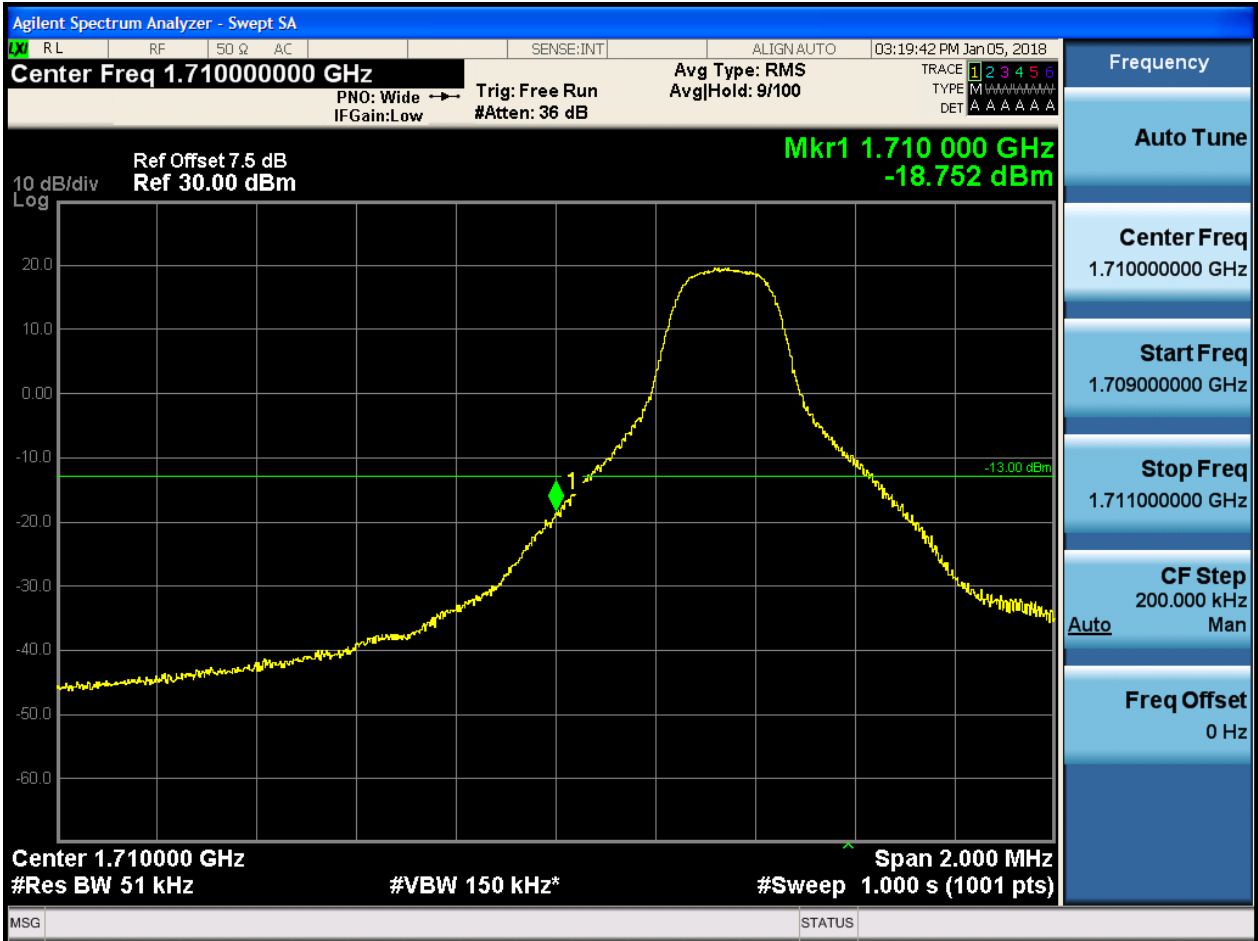




5.1.1.1.3 Test Bandwidth = 5

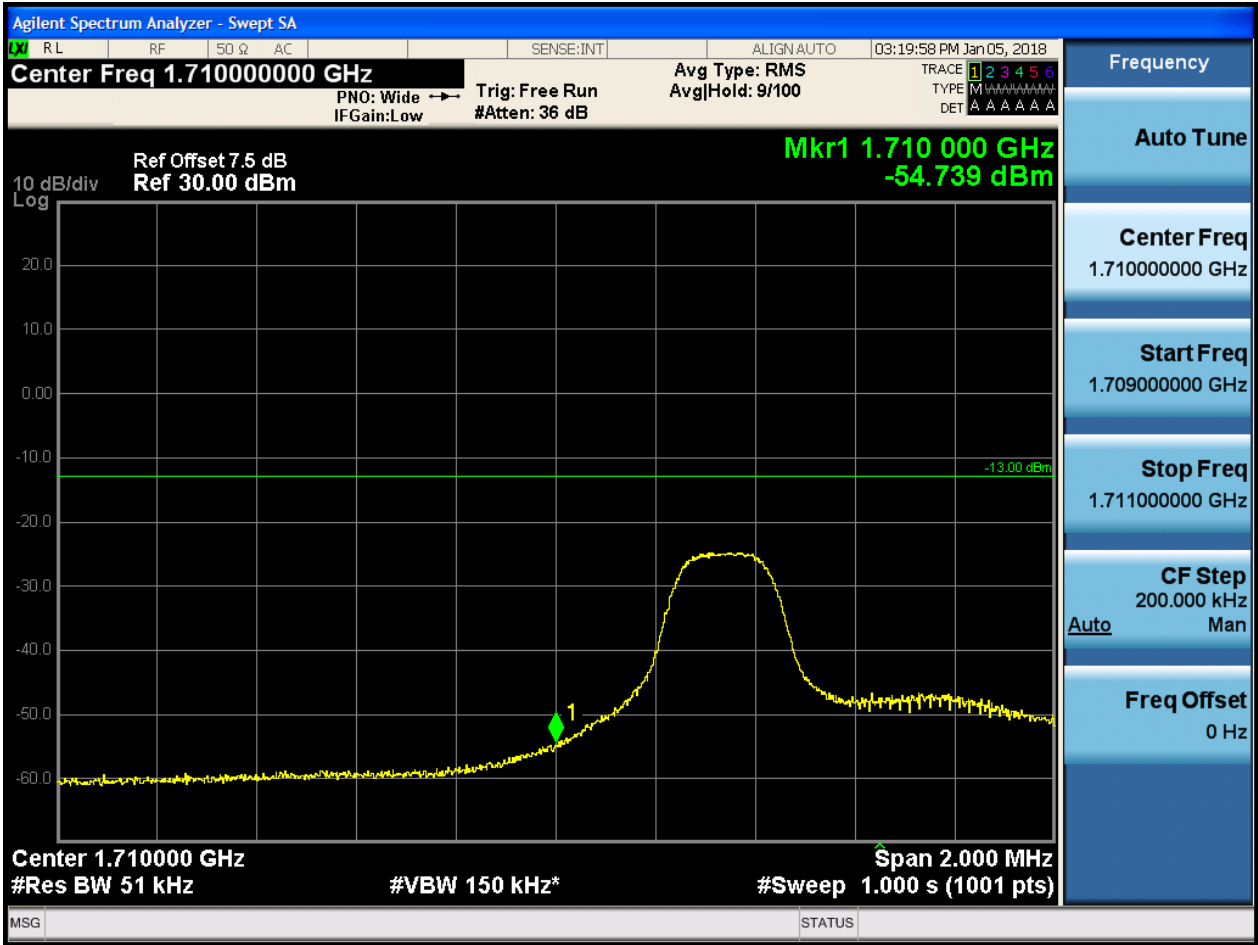
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



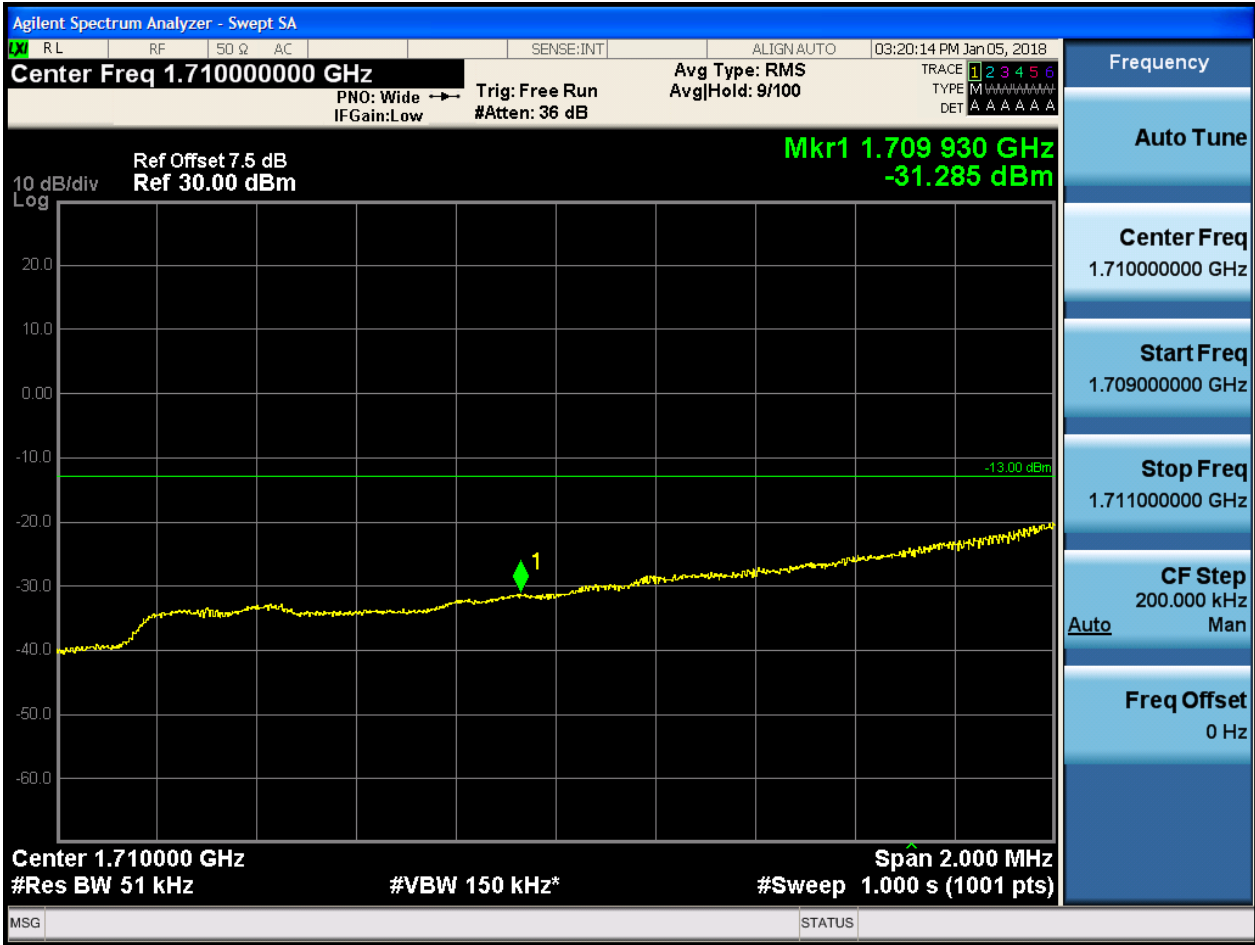


5.1.1.1.3.1.2 Test RB = RB1#24



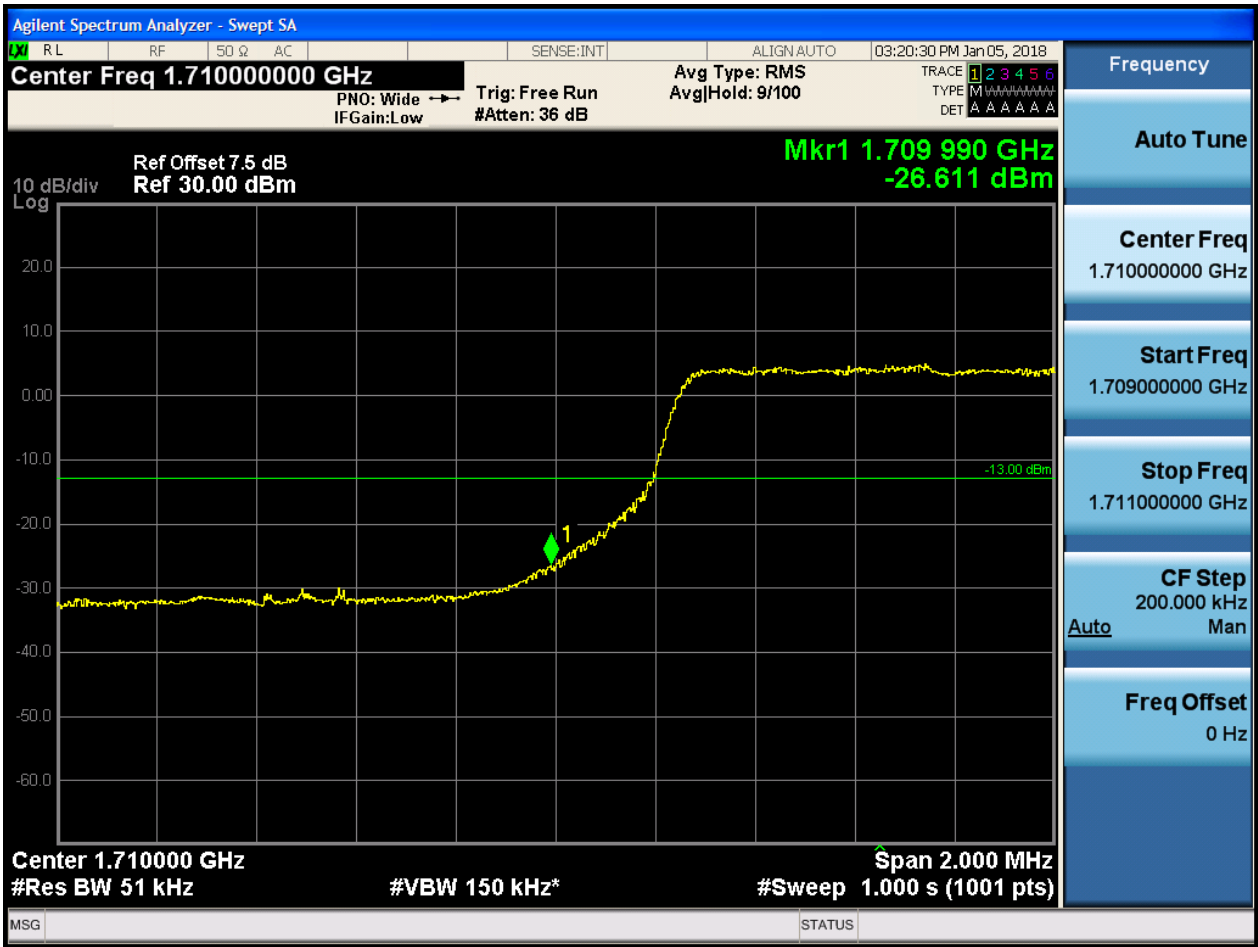


5.1.1.1.3.1.3 Test RB = RB12#6





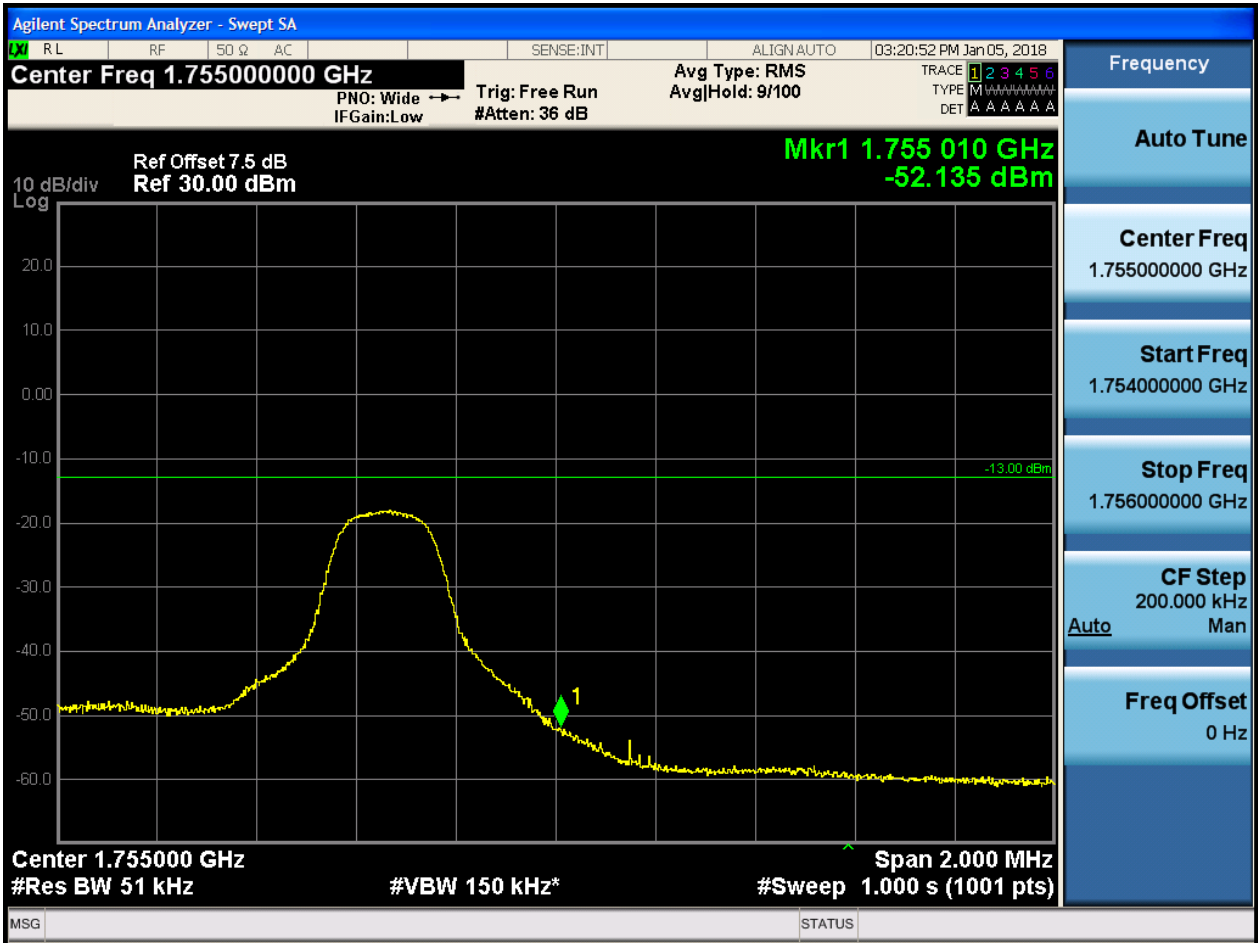
5.1.1.1.3.1.4 Test RB = RB25#0





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

