



# 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]	ERP [dBm]	Limit [dBm]	Verdict
BAND12	LTE/TM1	1.4	LCH	RB1#0	22.71	19.12	34.7	PASS
				RB1#3	22.78	19.16	34.7	PASS
				RB1#5	22.9	19.60	34.7	PASS
				RB3#0	22.77	19.48	34.7	PASS
				RB3#2	22.78	19.15	34.7	PASS
				RB3#3	22.79	19.29	34.7	PASS
				RB6#0	21.52	18.26	34.7	PASS
			MCH	RB1#0	22.43	18.85	34.7	PASS
				RB1#3	22.5	19.04	34.7	PASS
				RB1#5	22.62	19.21	34.7	PASS
				RB3#0	22.38	18.73	34.7	PASS
				RB3#2	22.4	19.11	34.7	PASS
				RB3#3	22.57	19.05	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.16	17.67	34.7	PASS
			HCH	RB1#0	22.15	18.89	34.7	PASS
				RB1#3	21.95	18.57	34.7	PASS
				RB1#5	21.87	18.49	34.7	PASS
				RB3#0	22.05	18.69	34.7	PASS
				RB3#2	21.87	18.44	34.7	PASS
				RB3#3	21.77	18.32	34.7	PASS
				RB6#0	20.74	17.37	34.7	PASS
		3		LCH	RB1#0	22.64	19.00	34.7
			RB1#7		22.79	19.26	34.7	PASS
			RB1#14		22.11	18.80	34.7	PASS
			RB8#0		21.44	17.89	34.7	PASS
			RB8#4		21.38	18.12	34.7	PASS
			RB8#7		20.95	17.33	34.7	PASS
			RB15#0		21.24	17.59	34.7	PASS
			MCH	RB1#0	22.14	18.79	34.7	PASS
				RB1#7	22.52	18.91	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.58	19.26	34.7	PASS
				RB8#0	21.05	17.62	34.7	PASS
				RB8#4	21.19	17.67	34.7	PASS
				RB8#7	21.33	17.89	34.7	PASS
				RB15#0	21.19	17.65	34.7	PASS
			HCH	RB1#0	22.5	18.88	34.7	PASS
				RB1#7	22.45	19.15	34.7	PASS
				RB1#14	21.71	18.30	34.7	PASS
				RB8#0	21.38	18.06	34.7	PASS
				RB8#4	21.01	17.69	34.7	PASS
		5	LCH	RB8#7	20.5	17.05	34.7	PASS
				RB15#0	20.83	17.32	34.7	PASS
				RB1#0	22.71	19.37	34.7	PASS
				RB1#13	22.29	18.85	34.7	PASS
				RB1#24	21.71	18.10	34.7	PASS
RB12#0	21.33	17.87	34.7	PASS				
RB12#6	20.97	17.63	34.7	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.87	17.38	34.7	PASS
				RB25#0	20.85	17.58	34.7	PASS
			MCH	RB1#0	22.08	18.82	34.7	PASS
				RB1#13	22.54	18.89	34.7	PASS
				RB1#24	22.77	19.49	34.7	PASS
				RB12#0	21.02	17.69	34.7	PASS
				RB12#6	21.17	17.79	34.7	PASS
				RB12#13	21.39	17.92	34.7	PASS
				RB25#0	21.4	17.95	34.7	PASS
				HCH	RB1#0	22.94	19.36	34.7
			RB1#13		22.47	18.96	34.7	PASS
			RB1#24		21.8	18.17	34.7	PASS
			RB12#0		21.48	17.94	34.7	PASS
			RB12#6		21.35	17.84	34.7	PASS
			RB12#13		20.96	17.60	34.7	PASS
			RB25#0		21.27	17.89	34.7	PASS
		10	LCH	RB1#0	22.68	19.14	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.57	20.16	34.7	PASS
				RB1#49	23.07	19.43	34.7	PASS
				RB25#0	20.88	17.33	34.7	PASS
				RB25#13	21.36	17.78	34.7	PASS
				RB25#25	20.91	17.55	34.7	PASS
				RB50#0	21.22	17.71	34.7	PASS
			MCH	RB1#0	22.05	18.70	34.7	PASS
				RB1#25	23.97	20.49	34.7	PASS
				RB1#49	22.95	19.53	34.7	PASS
				RB25#0	21.15	17.53	34.7	PASS
				RB25#13	21.43	17.83	34.7	PASS
				RB25#25	21.09	17.67	34.7	PASS
				RB50#0	21.37	17.84	34.7	PASS
			HCH	RB1#0	22.48	18.85	34.7	PASS
				RB1#25	23.99	20.46	34.7	PASS
				RB1#49	22.24	18.92	34.7	PASS
				RB25#0	21.63	18.34	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.3	17.89	34.7	PASS
				RB25#25	21.33	17.80	34.7	PASS
				RB50#0	21.3	18.00	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.24	17.84	34.7	PASS
				RB1#3	21.29	17.64	34.7	PASS
				RB1#5	21.32	17.74	34.7	PASS
				RB3#0	21.48	18.02	34.7	PASS
				RB3#2	21.49	18.06	34.7	PASS
				RB3#3	21.49	18.23	34.7	PASS
			MCH	RB6#0	20.58	17.25	34.7	PASS
				RB1#0	21.01	17.50	34.7	PASS
				RB1#3	21.16	17.57	34.7	PASS
				RB1#5	21.23	17.83	34.7	PASS
				RB3#0	21.17	17.61	34.7	PASS
				RB3#2	21.19	17.59	34.7	PASS
RB3#3	21.26	17.89	34.7	PASS				
RB6#0	20.18	16.84	34.7	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.12	17.52	34.7	PASS
				RB1#3	20.87	17.51	34.7	PASS
				RB1#5	20.7	17.36	34.7	PASS
				RB3#0	20.93	17.35	34.7	PASS
				RB3#2	20.77	17.22	34.7	PASS
				RB3#3	20.67	17.15	34.7	PASS
				RB6#0	19.97	16.51	34.7	PASS
		3	LCH	RB1#0	21.38	17.78	34.7	PASS
				RB1#7	21.61	18.16	34.7	PASS
				RB1#14	20.95	17.46	34.7	PASS
				RB8#0	20.51	16.88	34.7	PASS
				RB8#4	20.46	17.17	34.7	PASS
				RB8#7	20.04	16.56	34.7	PASS
				RB15#0	20.34	16.92	34.7	PASS
		MCH	RB1#0	21.01	17.71	34.7	PASS	
			RB1#7	21.29	17.71	34.7	PASS	
			RB1#14	21.33	17.69	34.7	PASS	





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.13	16.77	34.7	PASS
				RB8#4	20.26	17.00	34.7	PASS
				RB8#7	20.41	17.05	34.7	PASS
				RB15#0	20.22	16.86	34.7	PASS
			HCH	RB1#0	21.34	17.81	34.7	PASS
				RB1#7	21.45	18.19	34.7	PASS
				RB1#14	20.59	17.23	34.7	PASS
				RB8#0	20.37	16.74	34.7	PASS
				RB8#4	20.02	16.59	34.7	PASS
				RB8#7	19.63	16.07	34.7	PASS
				RB15#0	19.8	16.20	34.7	PASS
				LCH	RB1#0	21.7	18.20	34.7
			RB1#13		21.25	17.82	34.7	PASS
			RB1#24		20.83	17.46	34.7	PASS
RB12#0	20.46	16.83	34.7		PASS			
RB12#6	20.1	16.69	34.7		PASS			
RB12#13	19.95	16.42	34.7		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	19.96	16.62	34.7	PASS
			MCH	RB1#0	21.1	17.56	34.7	PASS
				RB1#13	21.43	18.02	34.7	PASS
				RB1#24	21.78	18.42	34.7	PASS
				RB12#0	20.13	16.69	34.7	PASS
				RB12#6	20.24	16.89	34.7	PASS
				RB12#13	20.32	16.98	34.7	PASS
				RB25#0	20.48	16.84	34.7	PASS
				HCH	RB1#0	22.03	18.39	34.7
			RB1#13		21.71	18.29	34.7	PASS
			RB1#24		20.92	17.47	34.7	PASS
			RB12#0		20.54	16.92	34.7	PASS
			RB12#6		20.43	16.82	34.7	PASS
			RB12#13		20	16.70	34.7	PASS
			RB25#0		20.29	16.97	34.7	PASS
		10	LCH	RB1#0	21.4	17.92	34.7	PASS
				RB1#25	22.2	18.82	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.8	18.45	34.7	PASS
				RB25#0	19.87	16.42	34.7	PASS
				RB25#13	20.43	17.18	34.7	PASS
				RB25#25	19.97	16.72	34.7	PASS
				RB50#0	20.27	16.83	34.7	PASS
			MCH	RB1#0	20.78	17.26	34.7	PASS
			MCH	RB1#25	22.64	19.21	34.7	PASS
			MCH	RB1#49	21.59	17.98	34.7	PASS
			MCH	RB25#0	20.23	16.96	34.7	PASS
			MCH	RB25#13	20.49	17.05	34.7	PASS
			MCH	RB25#25	20.06	16.57	34.7	PASS
			MCH	RB50#0	20.33	17.02	34.7	PASS
			HCH	RB1#0	21.2	17.87	34.7	PASS
			HCH	RB1#25	22.95	19.46	34.7	PASS
			HCH	RB1#49	21.15	17.70	34.7	PASS
			HCH	RB25#0	20.45	17.11	34.7	PASS
			HCH	RB25#13	20.21	16.67	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.34	16.93	34.7	PASS
				RB50#0	20.24	16.75	34.7	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
BAND12	LTE/TM1	1.4	LCH	RB1#0	4.03	13	PASS
				RB1#3	4.03	13	PASS
				RB1#5	4.11	13	PASS
				RB3#0	4.49	13	PASS
				RB3#2	4.49	13	PASS
				RB3#3	4.63	13	PASS
			RB6#0	5.22	13	PASS	
			MCH	RB1#0	3.94	13	PASS
				RB1#3	3.75	13	PASS
				RB1#5	3.52	13	PASS
				RB3#0	4.3	13	PASS
				RB3#2	4.12	13	PASS
				RB3#3	4.17	13	PASS
			HCH	RB6#0	5.49	13	PASS
				RB1#0	4.21	13	PASS
				RB1#3	4.04	13	PASS
				RB1#5	3.9	13	PASS
				RB3#0	4.67	13	PASS
		RB3#2		4.39	13	PASS	
		3	LCH	RB3#3	4.43	13	PASS
				RB6#0	5.57	13	PASS
				RB1#0	4.2	13	PASS
				RB1#7	4.36	13	PASS
				RB1#14	4.77	13	PASS
				RB8#0	5.1	13	PASS
			MCH	RB8#4	5.21	13	PASS
				RB8#7	5.31	13	PASS
				RB15#0	5.54	13	PASS
MCH	RB1#0	4	13	PASS			
	RB1#7	3.71	13	PASS			
	RB1#14	3.53	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#0	5.33	13	PASS	
				RB8#4	5.12	13	PASS	
				RB8#7	5.16	13	PASS	
				RB15#0	5.84	13	PASS	
			HCH	RB1#0	4.5	13	PASS	
				RB1#7	4.43	13	PASS	
				RB1#14	4.22	13	PASS	
				RB8#0	5.4	13	PASS	
				RB8#4	5.28	13	PASS	
				RB8#7	5.44	13	PASS	
				RB15#0	5.8	13	PASS	
				LCH	RB1#0	4.05	13	PASS
					RB1#13	4.54	13	PASS
					RB1#24	4.51	13	PASS
		RB12#0			5.56	13	PASS	
		RB12#6			5.6	13	PASS	
		RB12#13	5.83		13	PASS		
		RB25#0	5.86		13	PASS		
		MCH	RB1#0	4.2	13	PASS		
			RB1#13	3.76	13	PASS		
			RB1#24	3.28	13	PASS		
			RB12#0	5.32	13	PASS		
			RB12#6	5.17	13	PASS		
			RB12#13	5.16	13	PASS		
			RB25#0	5.53	13	PASS		
		HCH	RB1#0	3.42	13	PASS		
			RB1#13	4.3	13	PASS		
			RB1#24	3.95	13	PASS		
			RB12#0	5.2	13	PASS		
			RB12#6	5.37	13	PASS		
			RB12#13	5.43	13	PASS		
			RB25#0	5.42	13	PASS		
10	LCH	RB1#0	4.21	13	PASS			
		RB1#25	3.74	13	PASS			
		RB1#49	3.18	13	PASS			
		RB25#0	5.77	13	PASS			
		RB25#13	5.49	13	PASS			
		RB25#25	5.59	13	PASS			
		RB50#0	6.04	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	4.46	13	PASS	
				RB1#25	2.96	13	PASS	
				RB1#49	3.5	13	PASS	
				RB25#0	5.43	13	PASS	
				RB25#13	5.09	13	PASS	
				RB25#25	5.27	13	PASS	
				RB50#0	6.02	13	PASS	
			HCH	RB1#0	4.09	13	PASS	
				RB1#25	2.23	13	PASS	
				RB1#49	3.87	13	PASS	
				RB25#0	4.92	13	PASS	
				RB25#13	5.24	13	PASS	
				RB25#25	5.44	13	PASS	
				RB50#0	5.41	13	PASS	
		LTE/TM2	1.4	LCH	RB1#0	5.09	13	PASS
					RB1#3	5.1	13	PASS
					RB1#5	5.26	13	PASS
					RB3#0	5.65	13	PASS
					RB3#2	5.62	13	PASS
					RB3#3	5.72	13	PASS
					RB6#0	6.32	13	PASS
				MCH	RB1#0	4.98	13	PASS
					RB1#3	4.82	13	PASS
					RB1#5	4.72	13	PASS
					RB3#0	5.39	13	PASS
					RB3#2	5.41	13	PASS
					RB3#3	5.26	13	PASS
					RB6#0	6.09	13	PASS
			HCH	RB1#0	5.16	13	PASS	
				RB1#3	5.09	13	PASS	
				RB1#5	4.87	13	PASS	
				RB3#0	5.57	13	PASS	
RB3#2	5.41	13		PASS				
RB3#3	5.4	13		PASS				
RB6#0	6.82	13		PASS				
3	LCH	RB1#0	5.36	13	PASS			
		RB1#7	5.6	13	PASS			
		RB1#14	6.12	13	PASS			
		RB8#0	6.09	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB8#4	6.16	13	PASS		
				RB8#7	6.34	13	PASS		
				RB15#0	6.67	13	PASS		
			MCH	RB1#0	5.31	13	PASS		
				RB1#7	5.01	13	PASS		
				RB1#14	4.84	13	PASS		
				RB8#0	6.04	13	PASS		
				RB8#4	5.88	13	PASS		
				RB8#7	5.92	13	PASS		
			HCH	RB15#0	6.4	13	PASS		
				RB1#0	5.13	13	PASS		
				RB1#7	5.17	13	PASS		
				RB1#14	5.05	13	PASS		
				RB8#0	6.11	13	PASS		
				RB8#4	5.94	13	PASS		
			5	LCH		RB8#7	5.99	13	PASS
						RB15#0	6.36	13	PASS
						RB1#0	5.07	13	PASS
		RB1#13				5.62	13	PASS	
		RB1#24				5.59	13	PASS	
		RB12#0				6.38	13	PASS	
		RB12#6		6.35		13	PASS		
		MCH		RB12#13	6.44	13	PASS		
				RB25#0	6.92	13	PASS		
				RB1#0	5.12	13	PASS		
				RB1#13	4.84	13	PASS		
				RB1#24	4.2	13	PASS		
				RB12#0	6.05	13	PASS		
		HCH		RB12#6	5.83	13	PASS		
				RB12#13	5.83	13	PASS		
			RB25#0	6.59	13	PASS			
			RB1#0	4.22	13	PASS			
			RB1#13	5.04	13	PASS			
RB1#24	4.94		13	PASS					
10	LCH	RB12#0	5.87	13	PASS				
		RB12#6	6.15	13	PASS				
		RB12#13	6.29	13	PASS				
			RB25#0	6.51	13	PASS			
			LCH	RB1#0	5.16	13	PASS		





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#25	4.79	13	PASS			
				RB1#49	4.45	13	PASS			
				RB25#0	6.71	13	PASS			
				RB25#13	6.17	13	PASS			
				RB25#25	6.34	13	PASS			
				RB50#0	6.89	13	PASS			
			MCH	RB1#0	5.37	13	PASS			
				RB1#25	3.76	13	PASS			
				RB1#49	4.61	13	PASS			
				RB25#0	6.32	13	PASS			
				RB25#13	5.9	13	PASS			
				RB25#25	6.22	13	PASS			
			HCH	RB50#0	6.88	13	PASS			
				RB1#0	5.07	13	PASS			
				RB1#25	3.54	13	PASS			
				RB1#49	5.46	13	PASS			
				RB25#0	5.74	13	PASS			
				RB25#13	5.88	13	PASS			
							RB25#25	6.31	13	PASS
							RB50#0	6.5	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

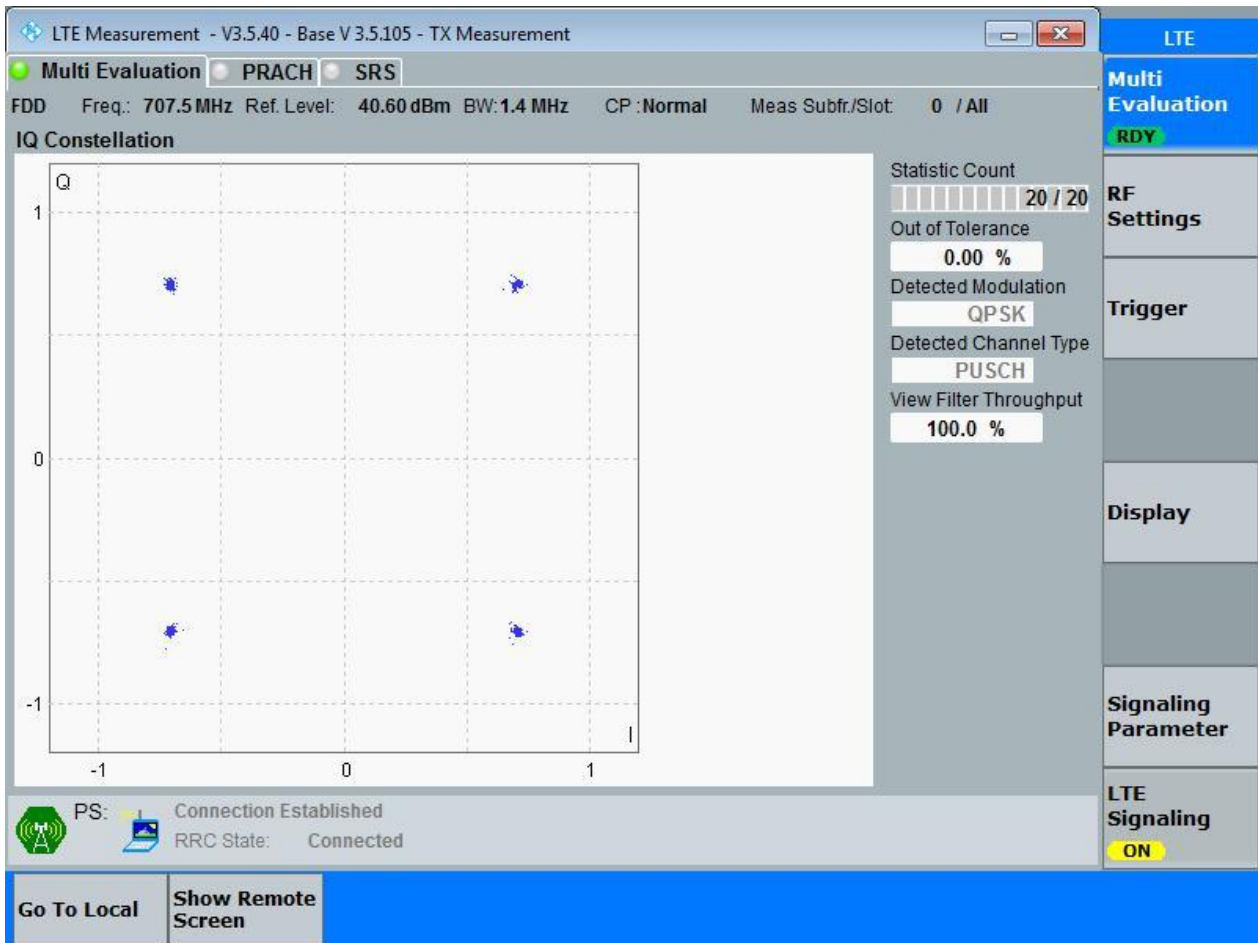
##### 3.1.1 Test Band = BAND12

##### 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

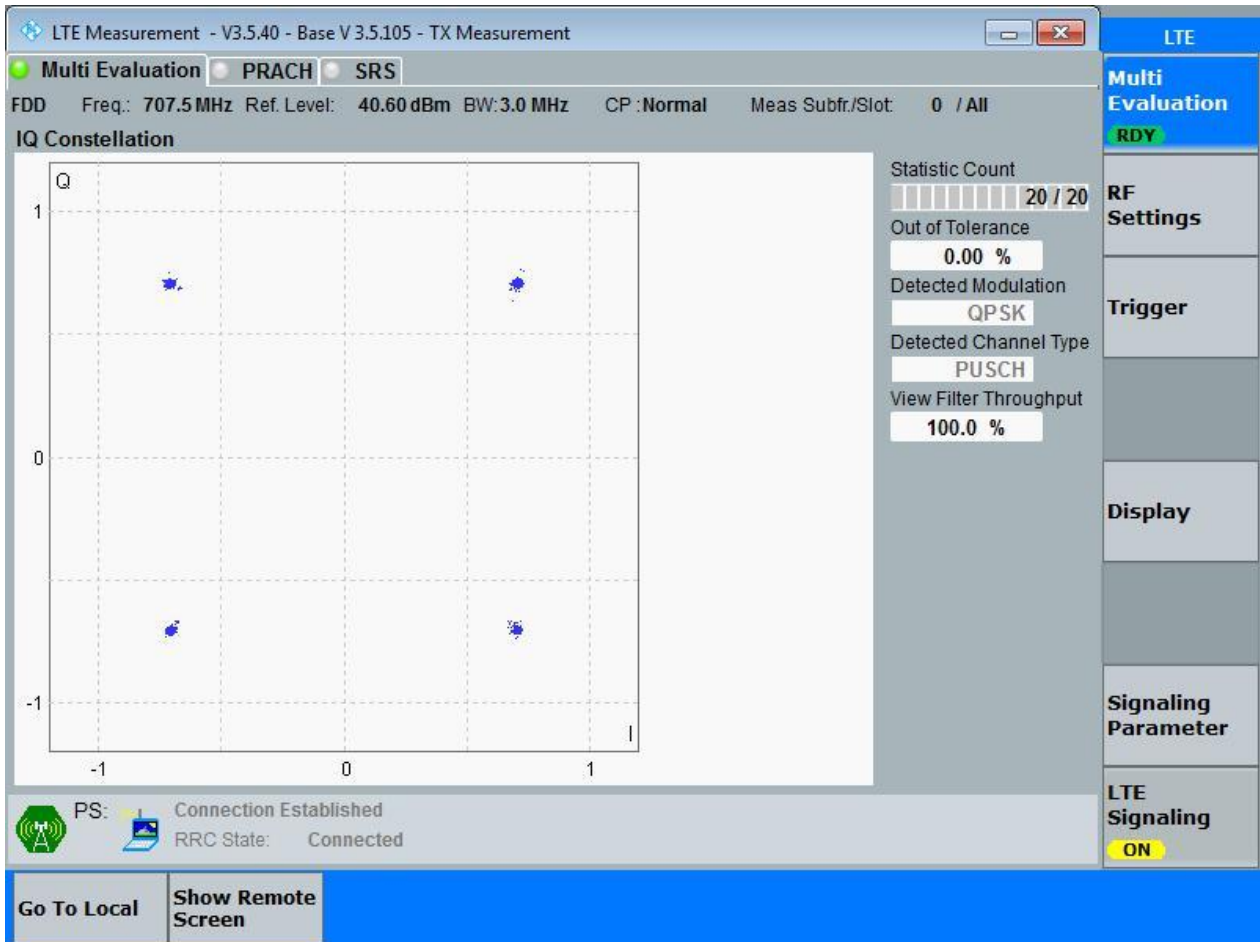
##### 3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

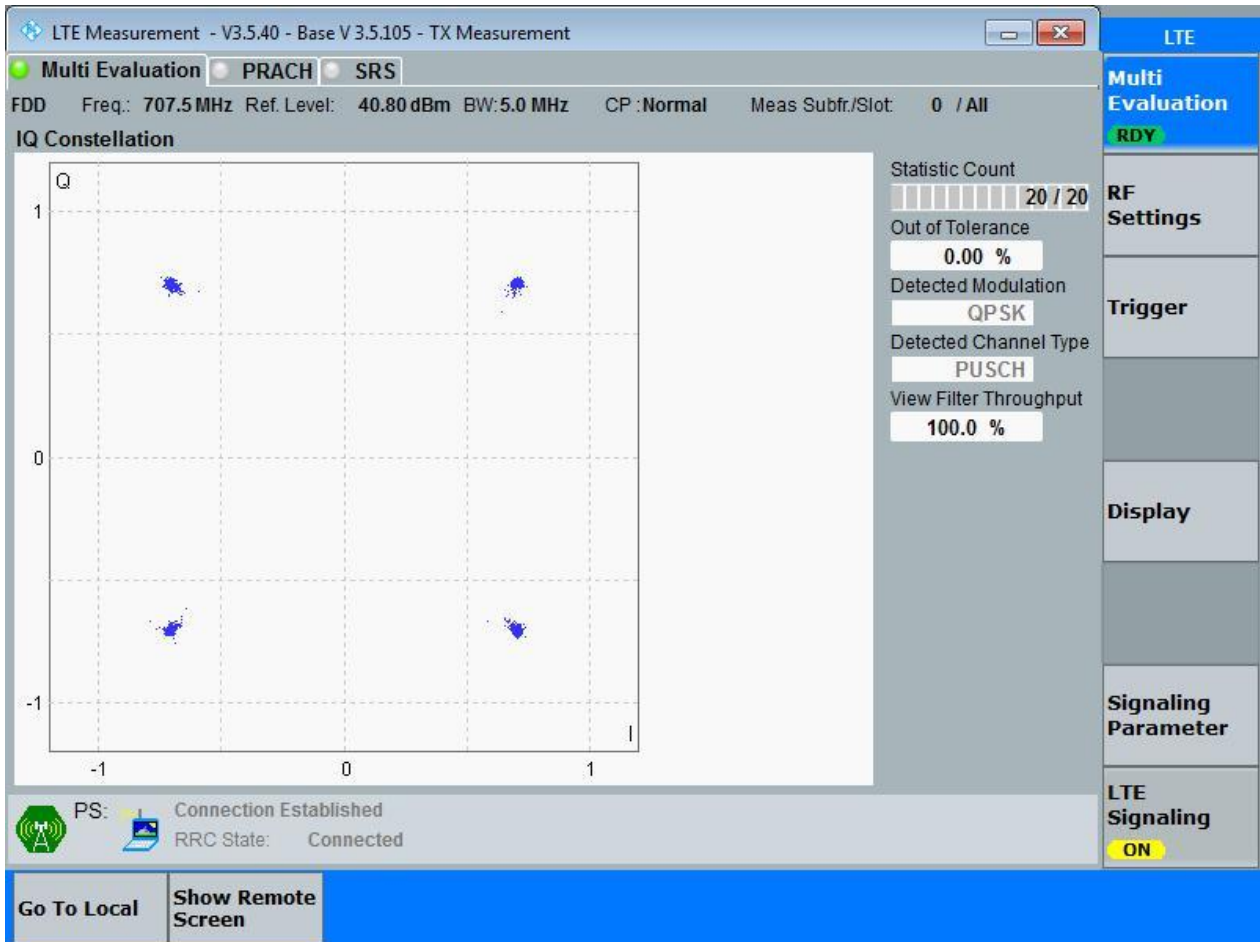
3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

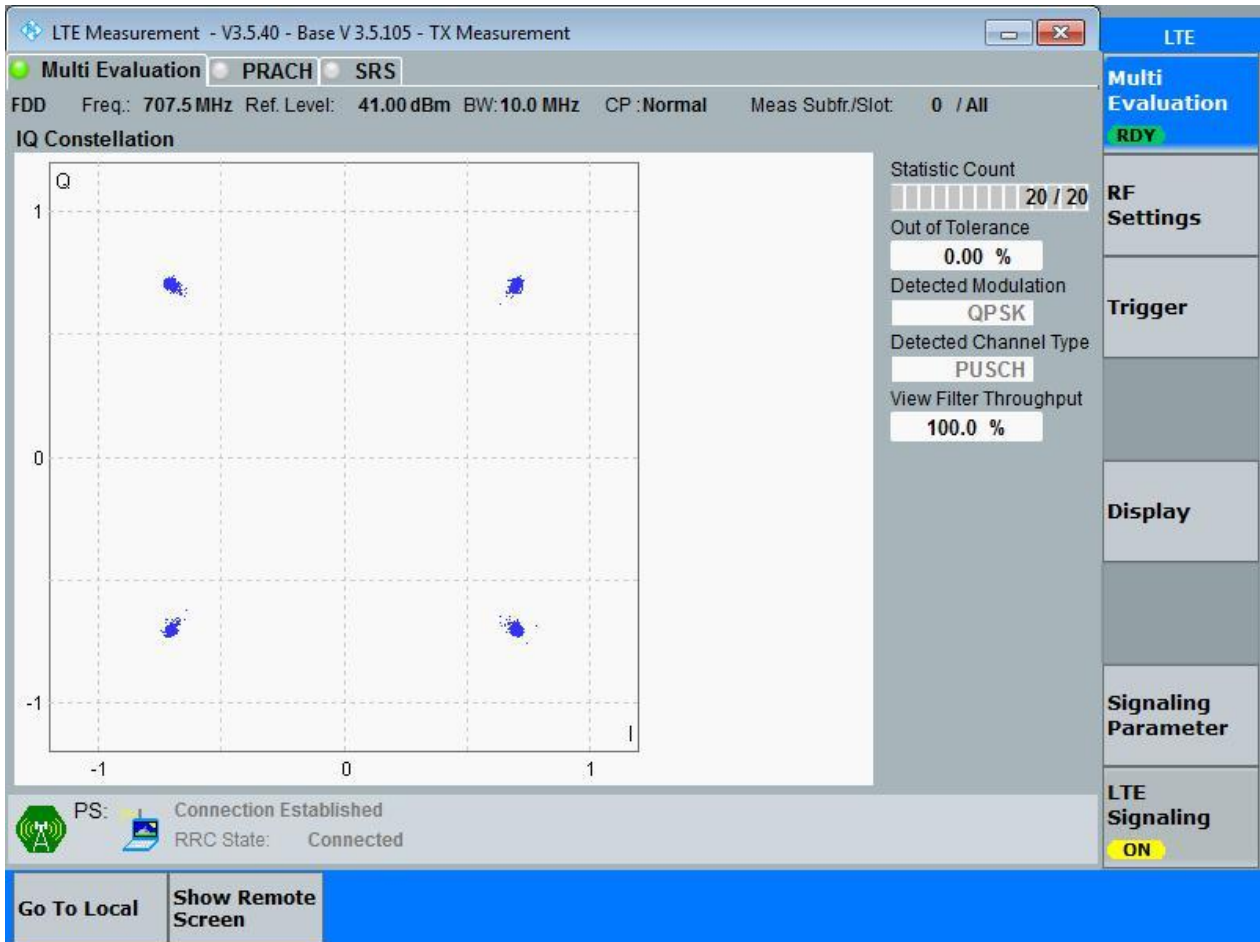
##### 3.1.1.1.3.1.1 Test RB = RB25#0



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

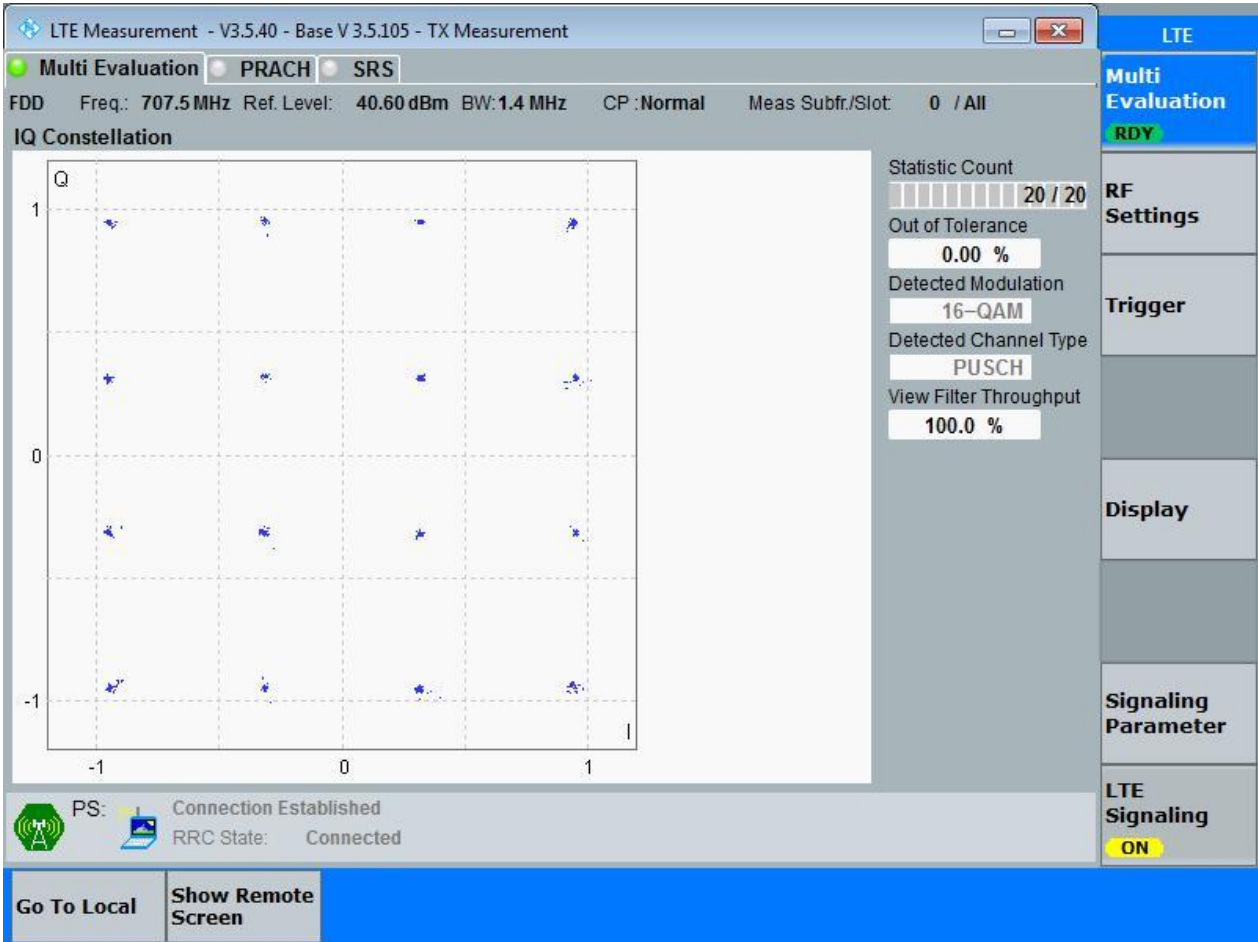


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

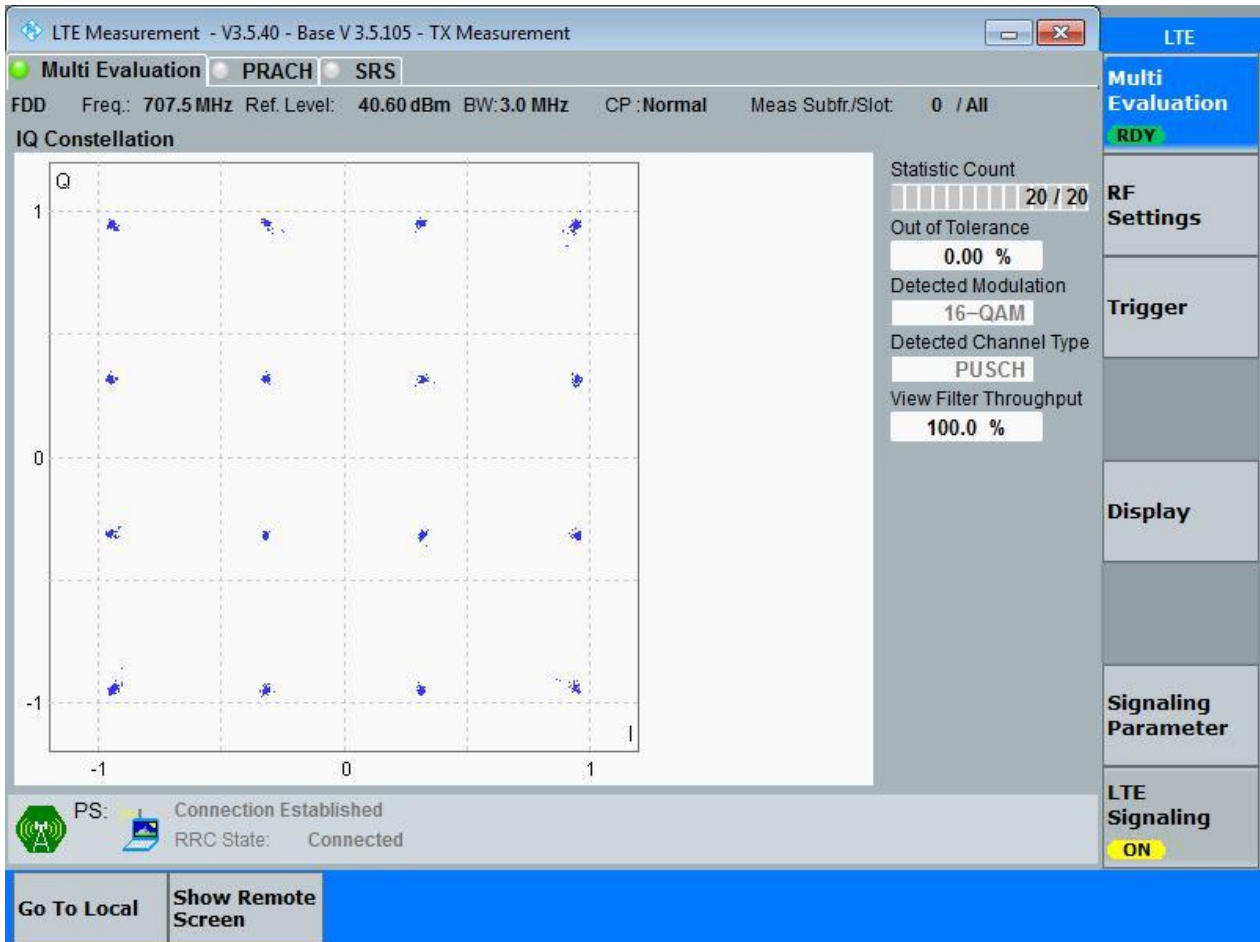
3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

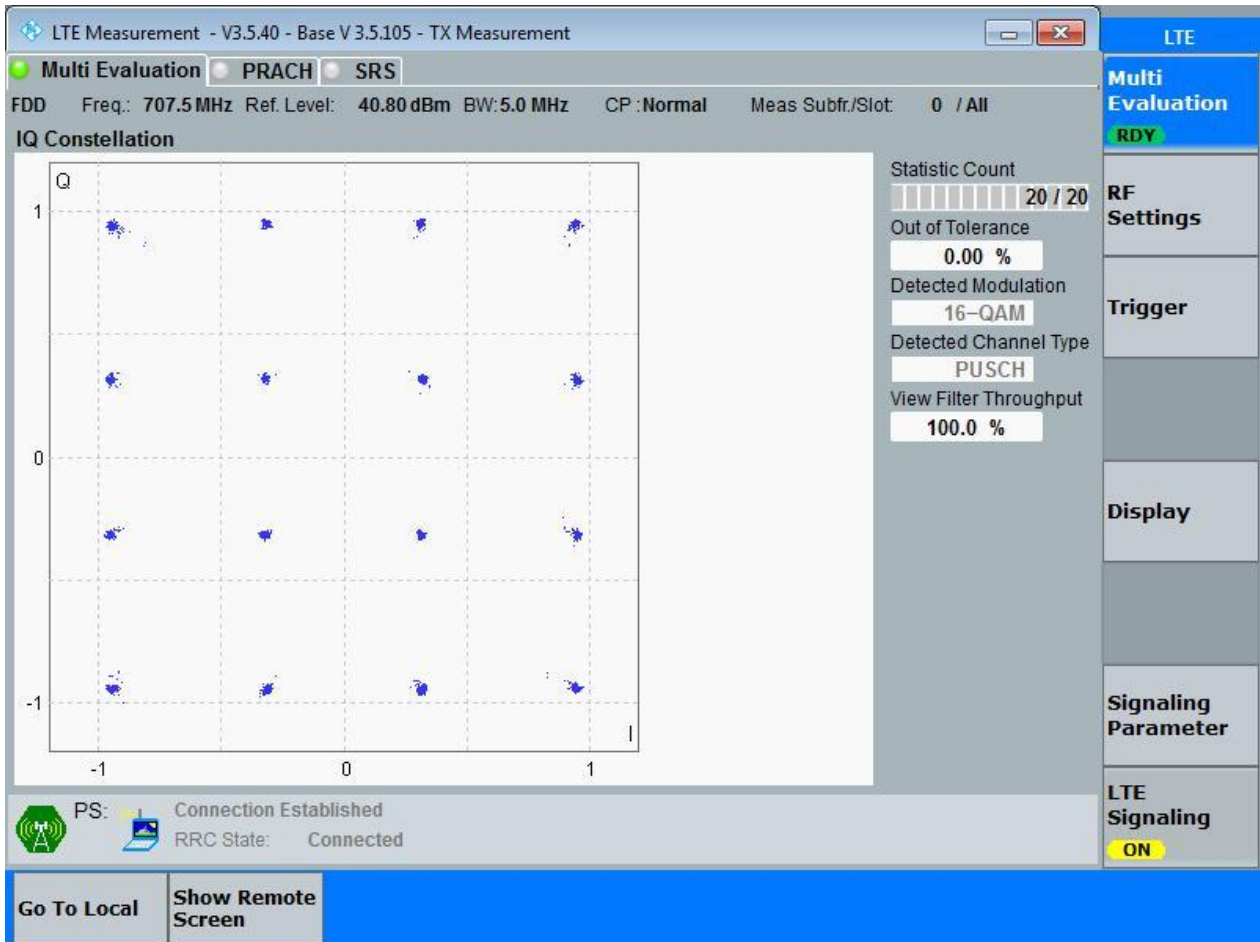
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 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

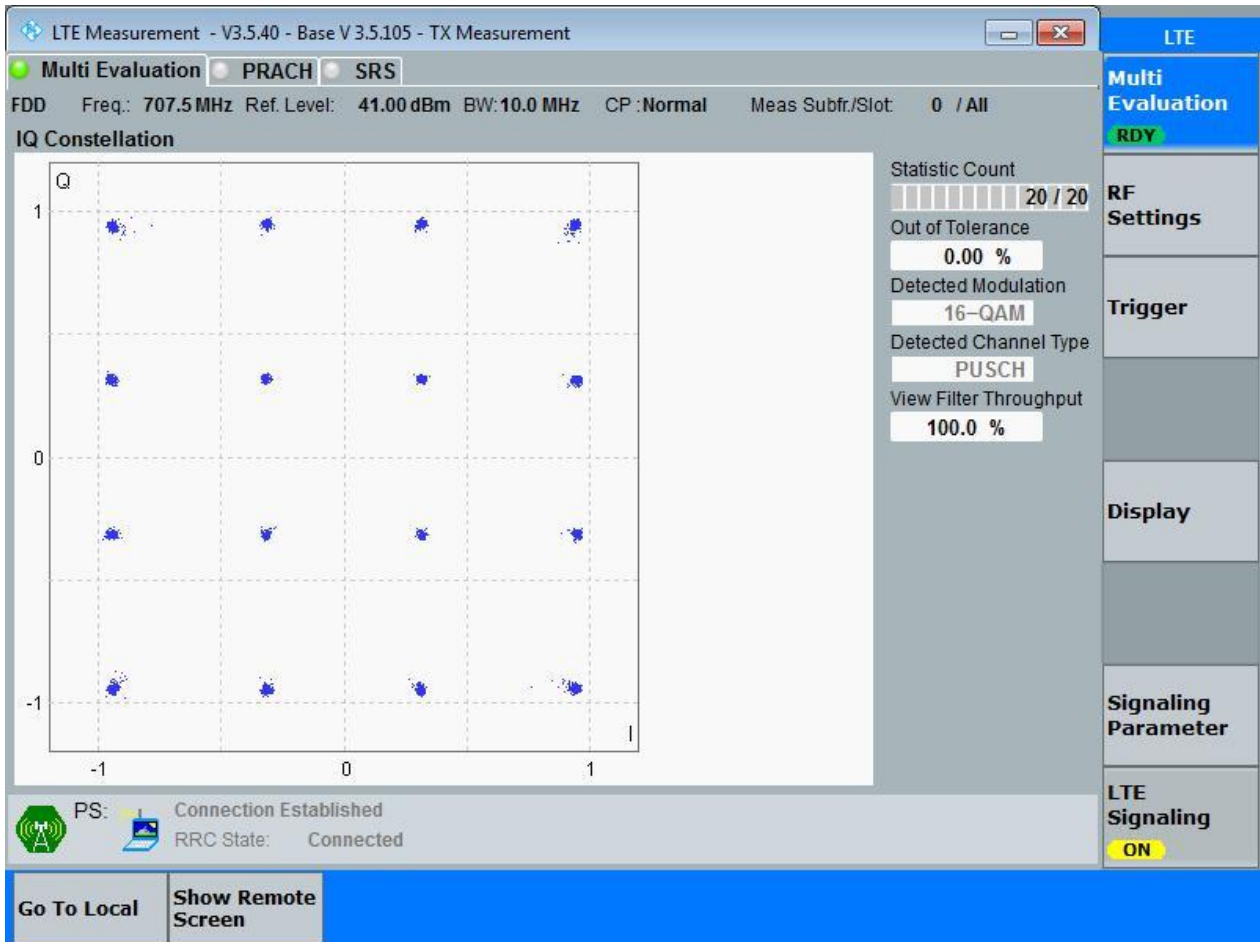




### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

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



## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND12	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	2.70	2.97	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.53	4.98	Pass
			HCH	RB25#0	4.50	4.95	Pass
		10	LCH	RB50#0	9.01	9.97	Pass
			MCH	RB50#0	9.02	9.89	Pass
			HCH	RB50#0	8.92	9.78	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.70	2.96	Pass
			MCH	RB15#0	2.72	2.97	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.50	4.94	Pass
			MCH	RB25#0	4.53	4.99	Pass
			HCH	RB25#0	4.49	4.94	Pass
		10	LCH	RB50#0	9.02	9.94	Pass
			MCH	RB50#0	9.05	9.91	Pass
			HCH	RB50#0	8.93	9.81	Pass



Part II - Test Plots

4.1 For LTE

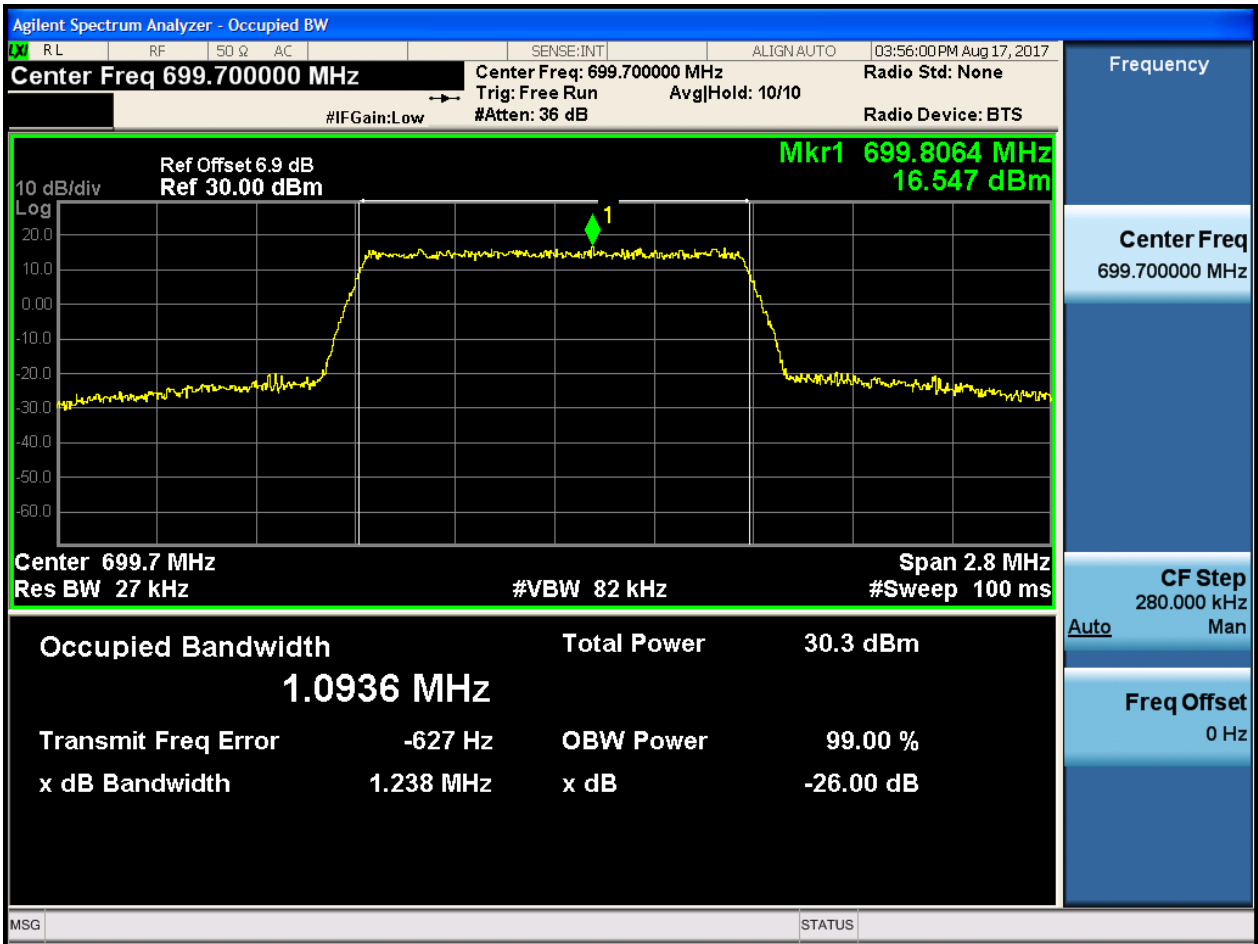
4.1.1 Test Band = BAND12

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

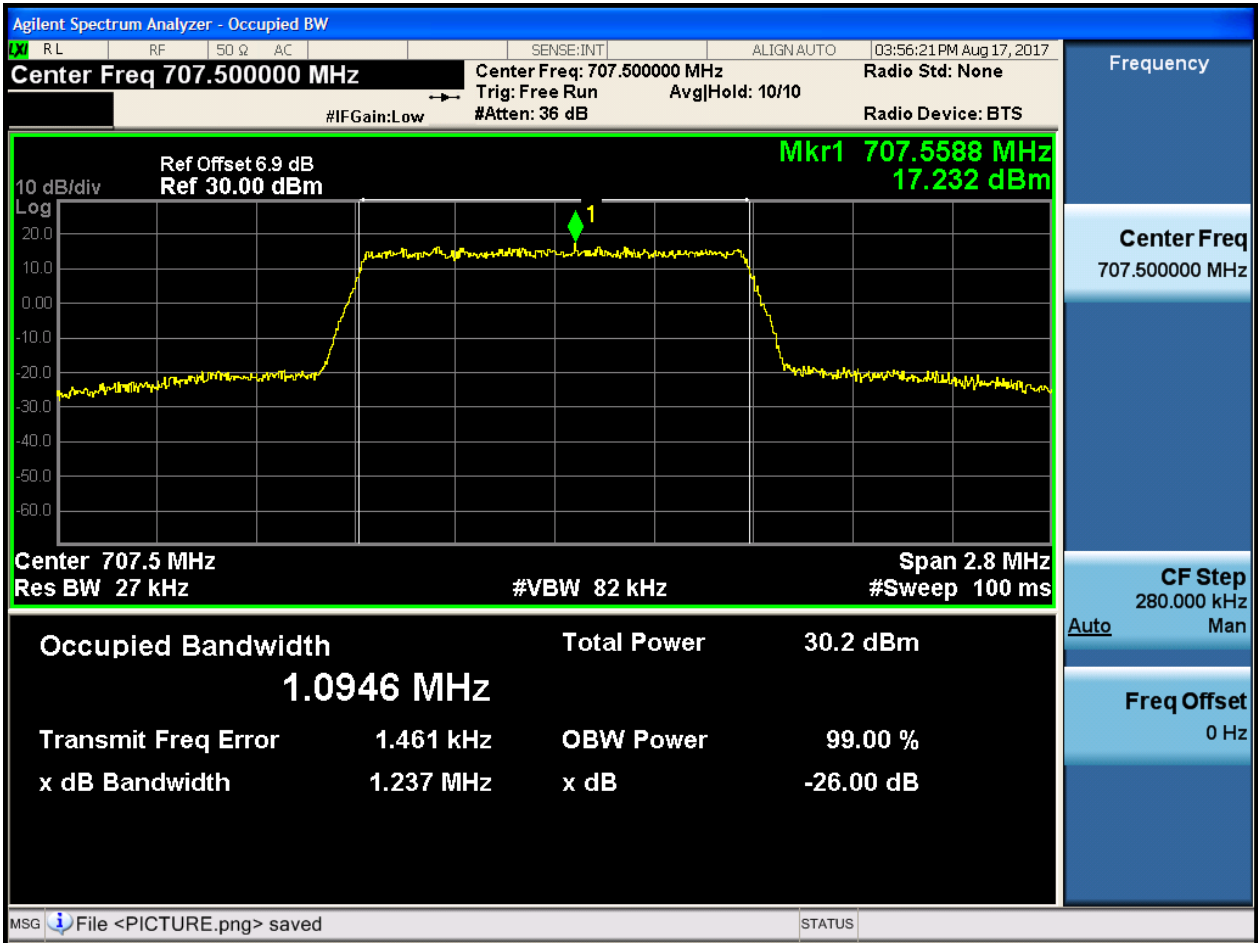
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



4.1.1.1.1.2 Test Channel = MCH

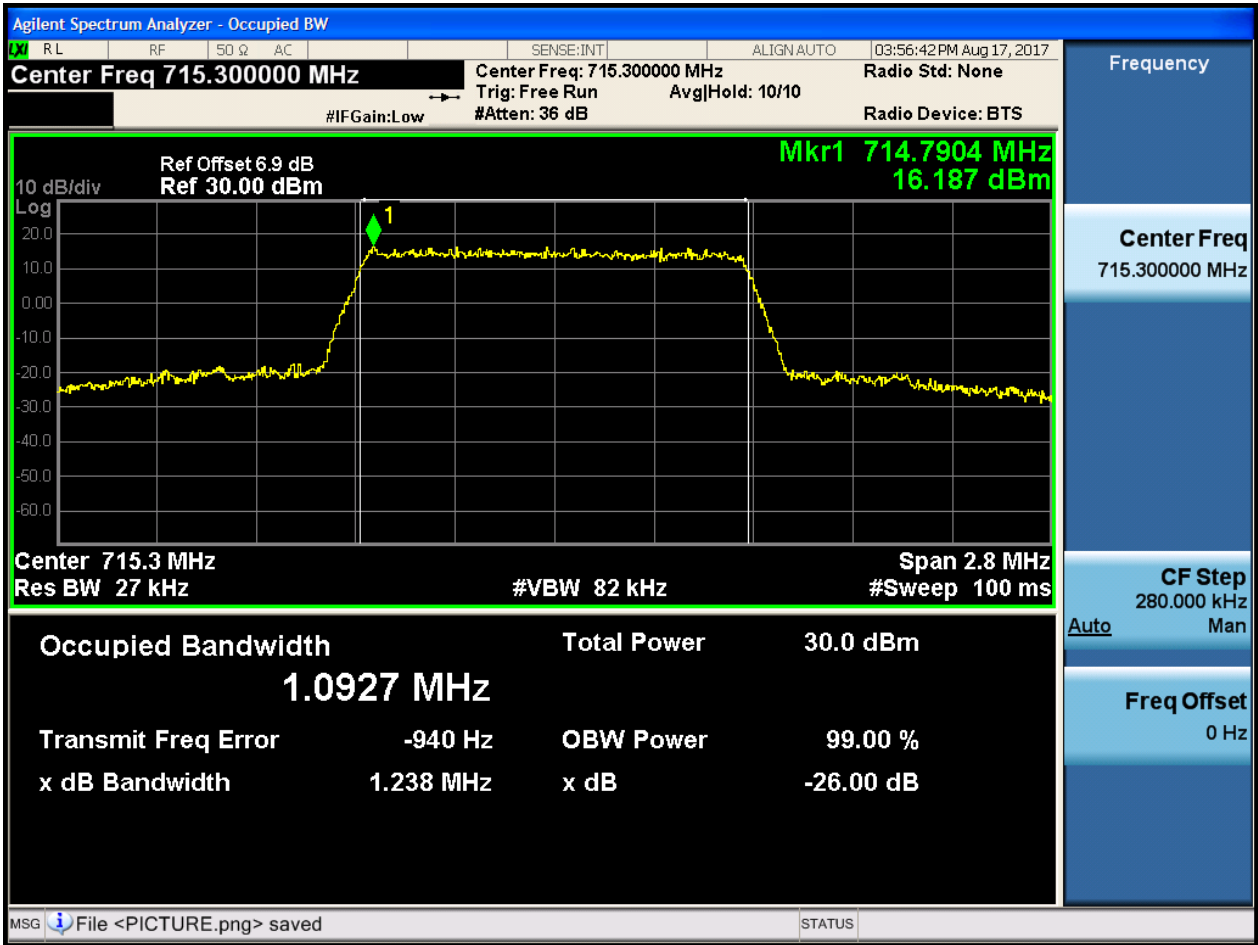
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

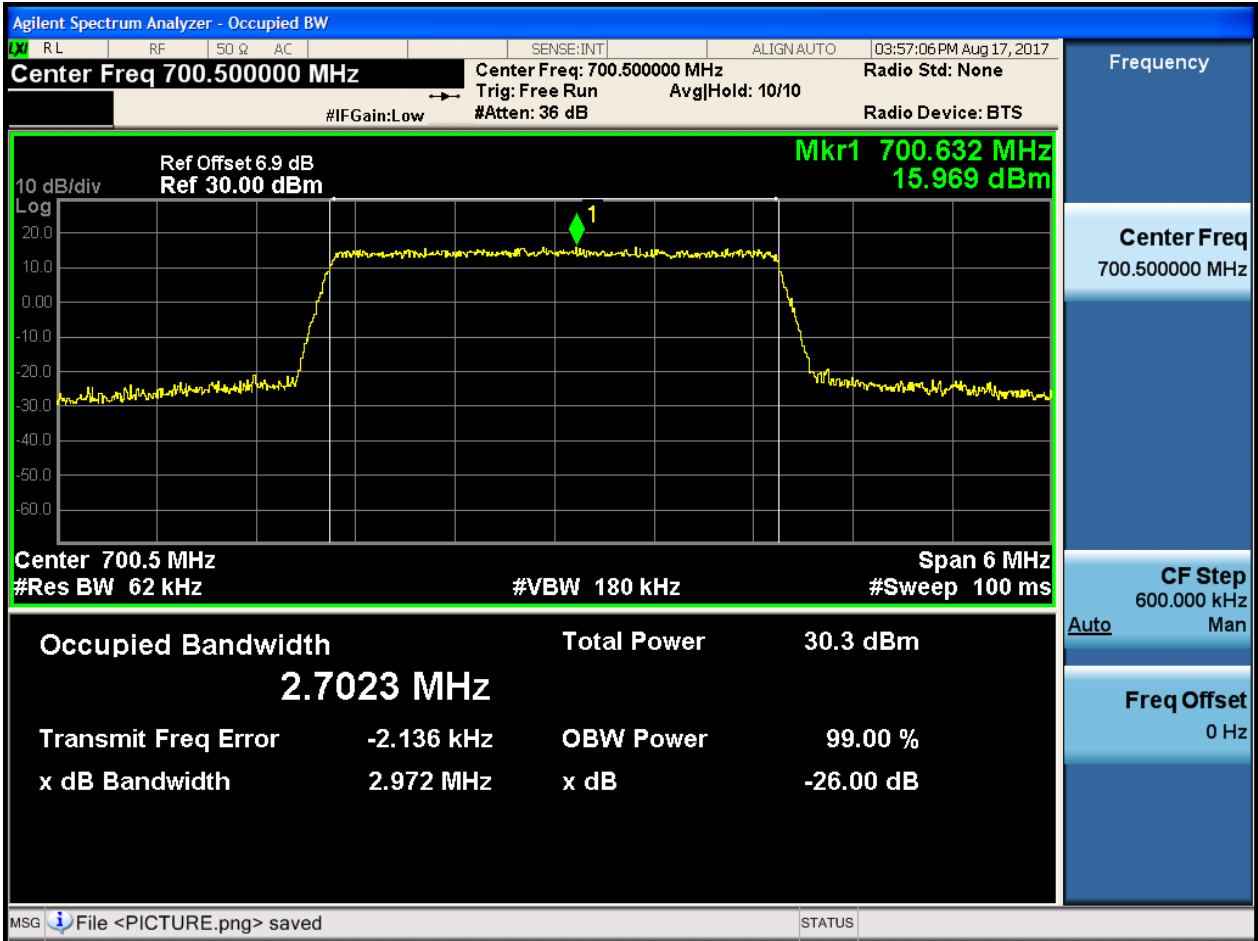




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

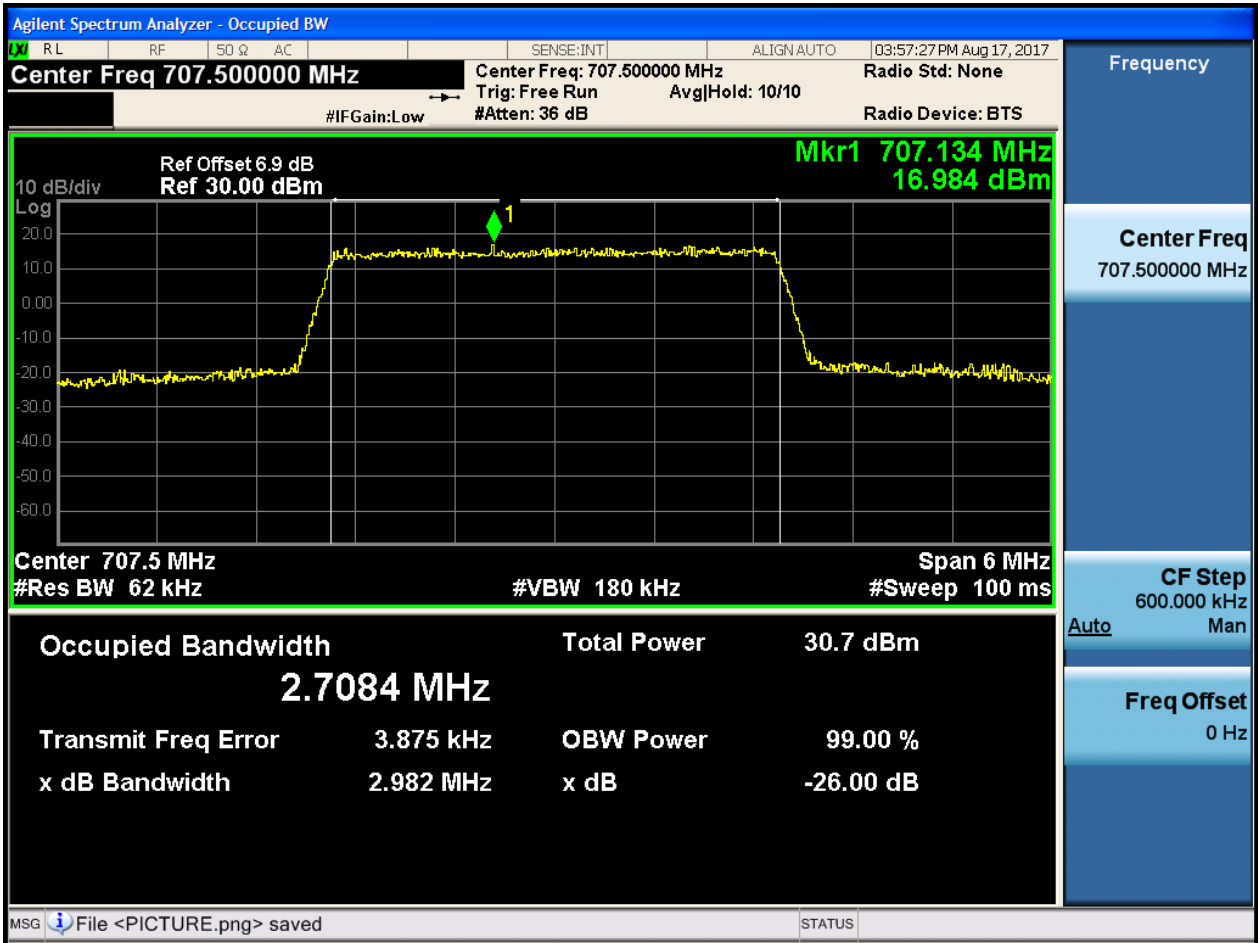
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

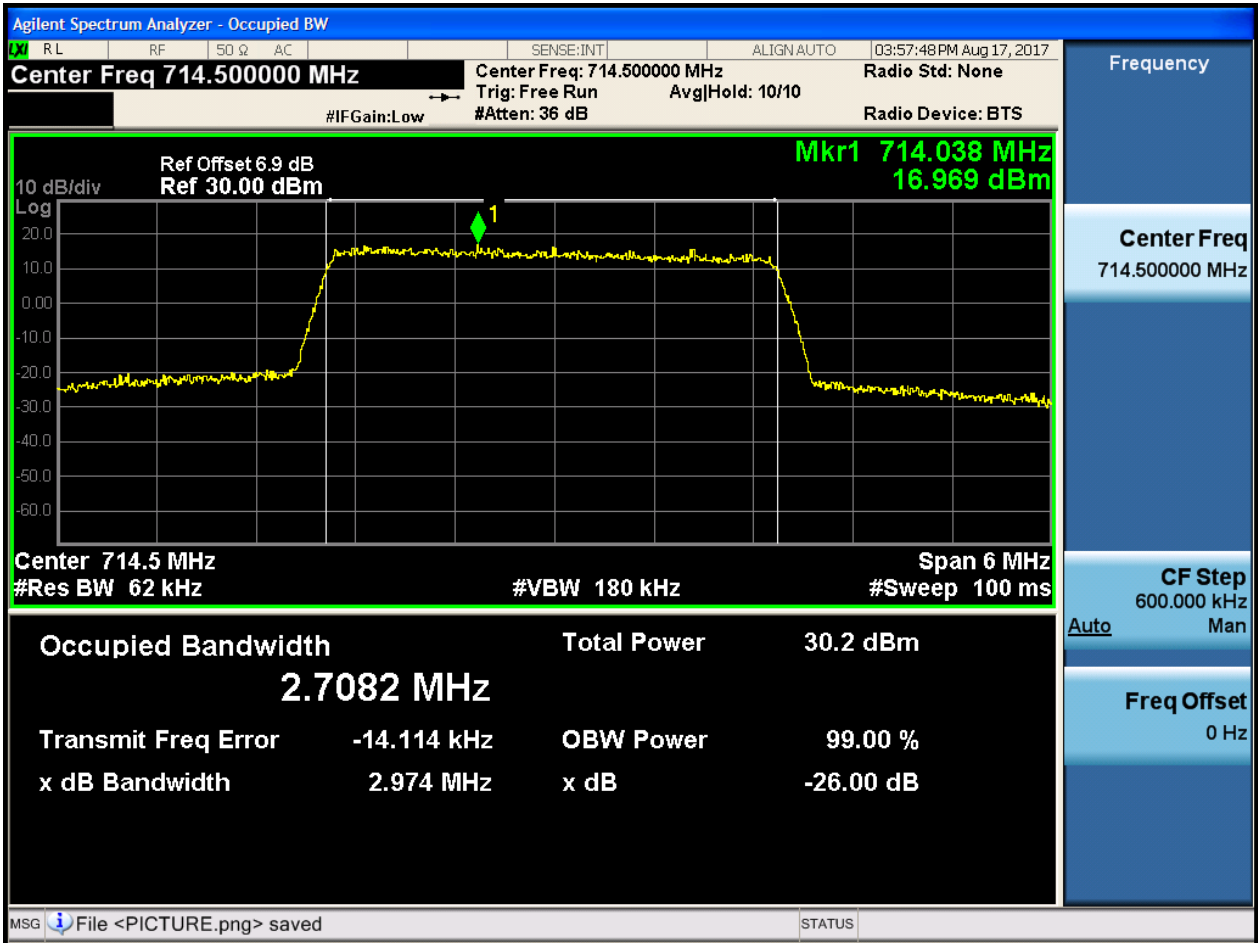
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0



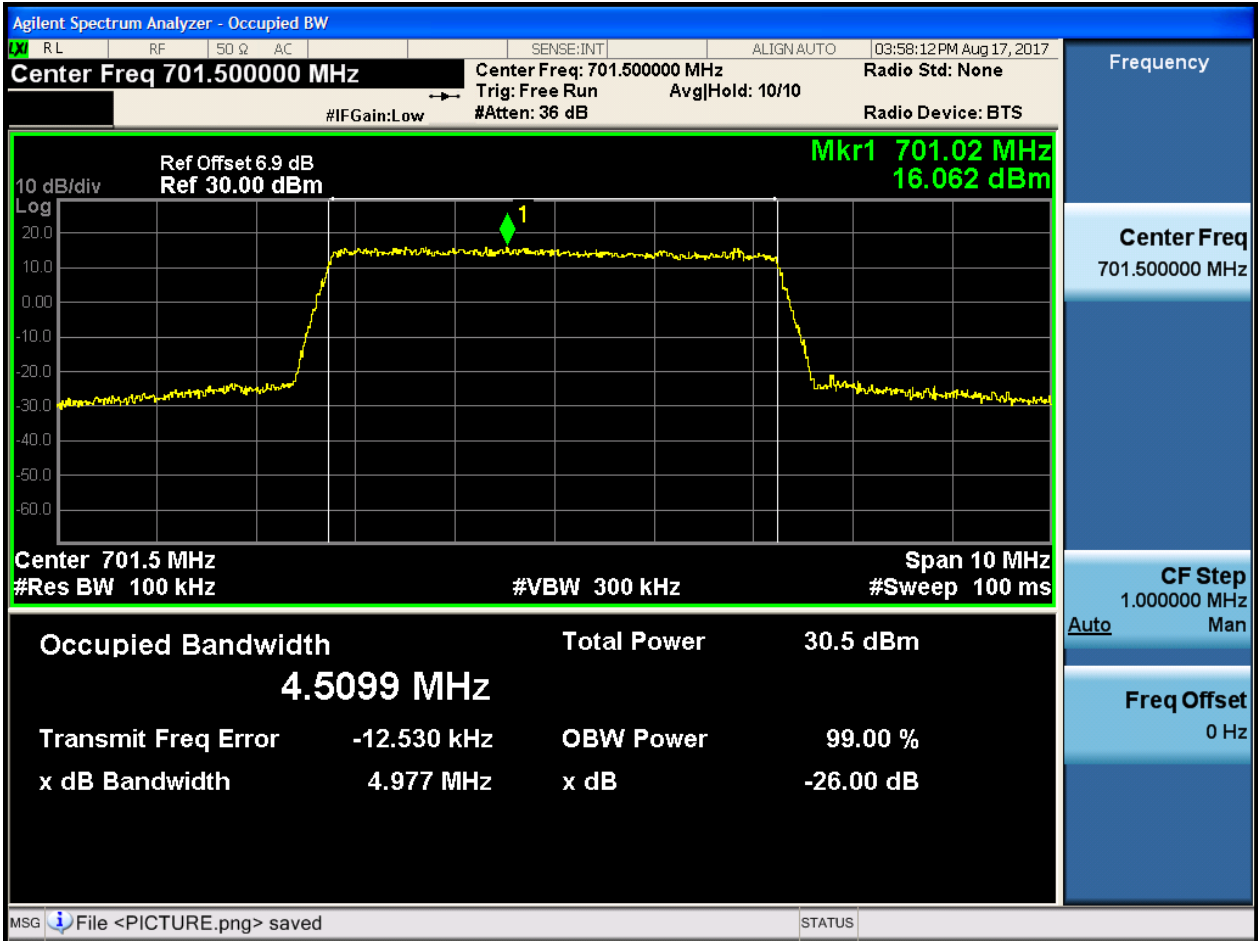




4.1.1.1.3 Test Bandwidth = 5

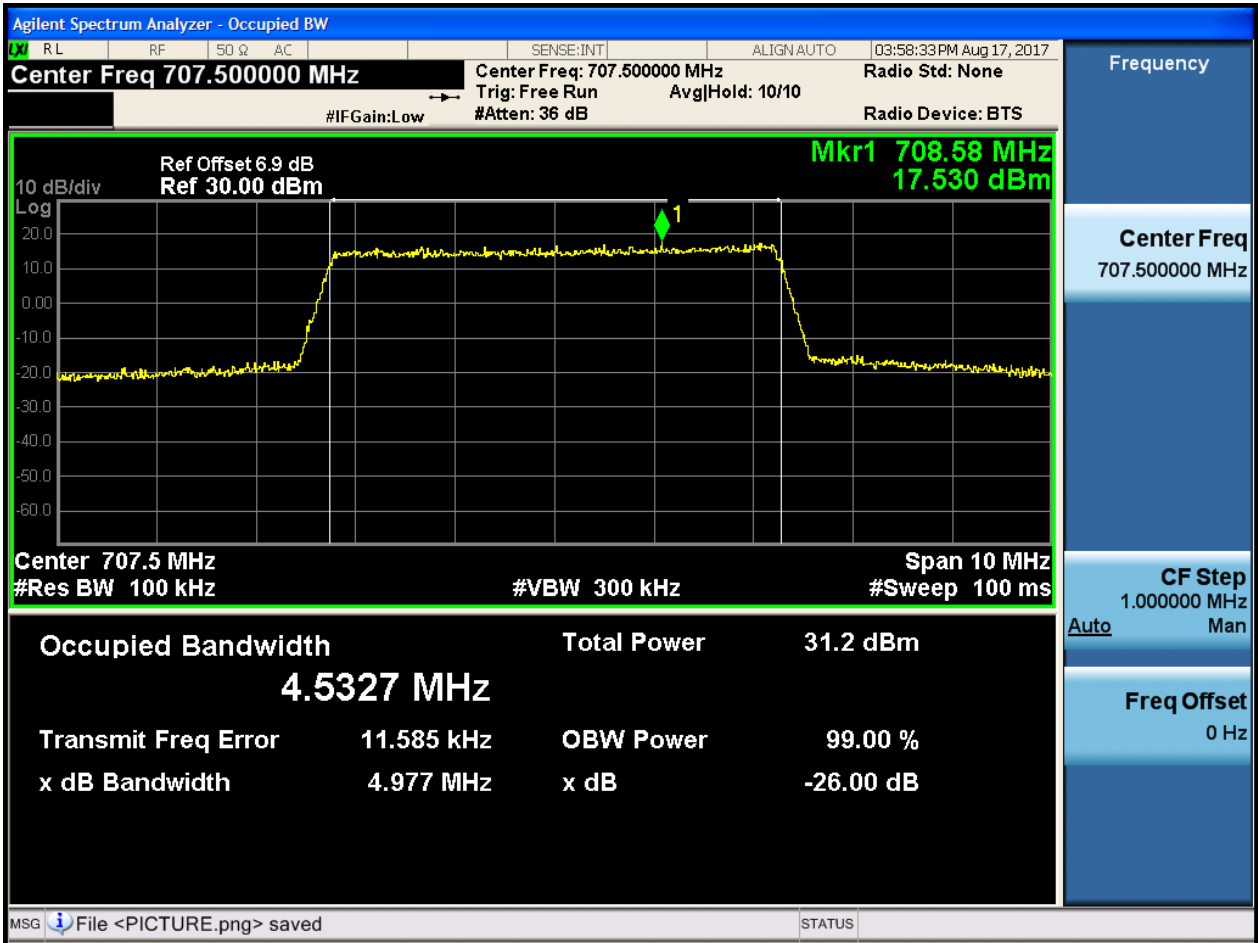
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

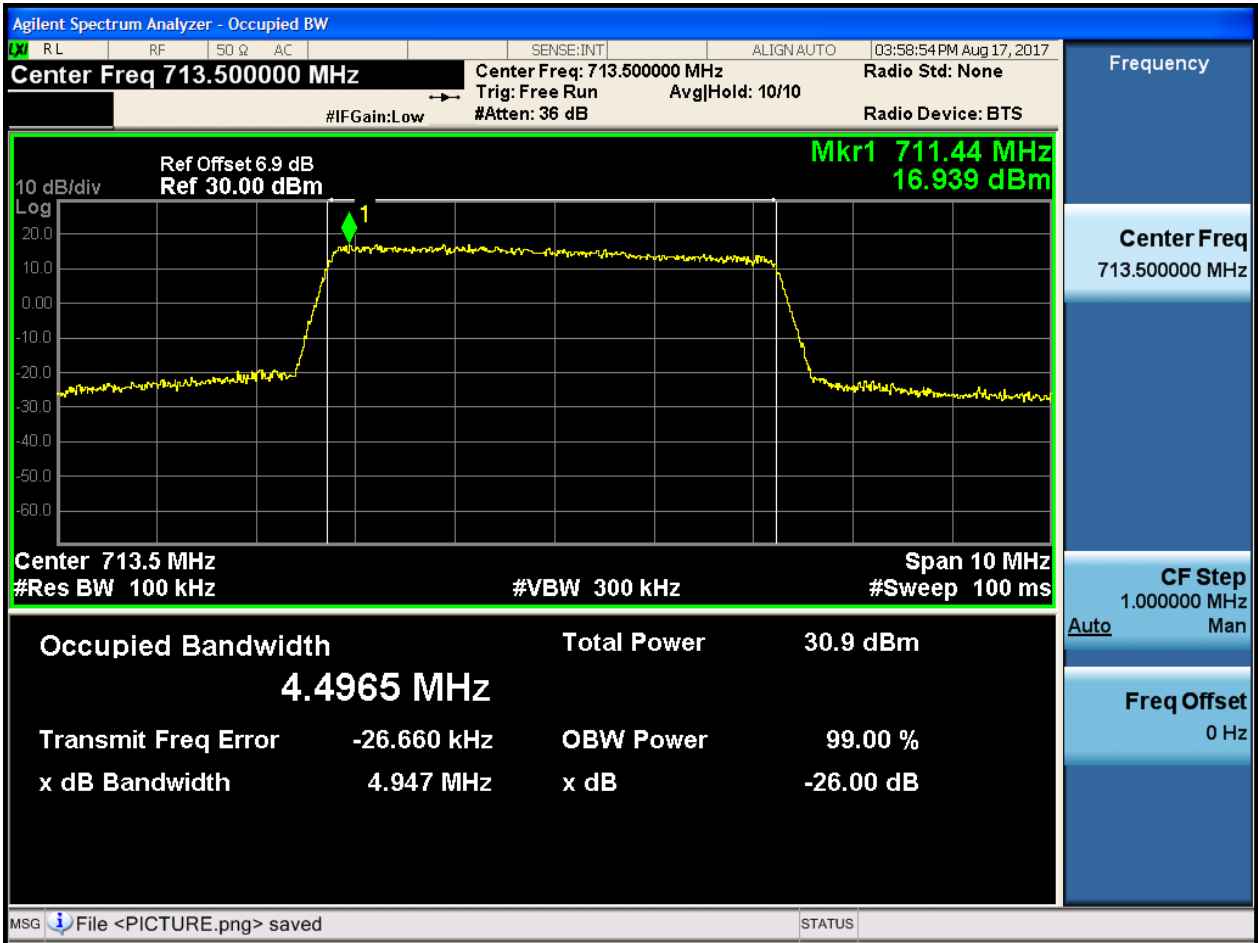
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

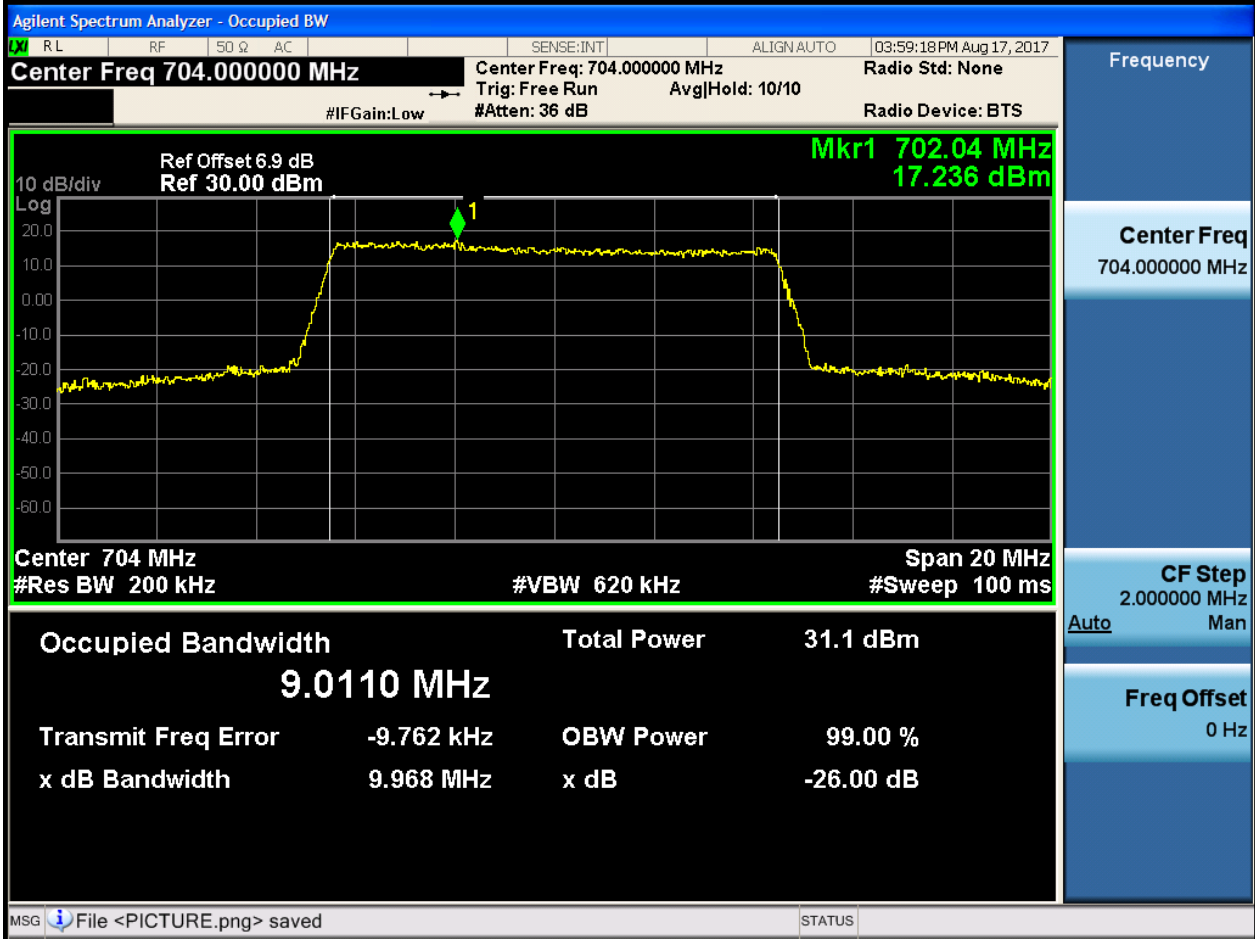




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

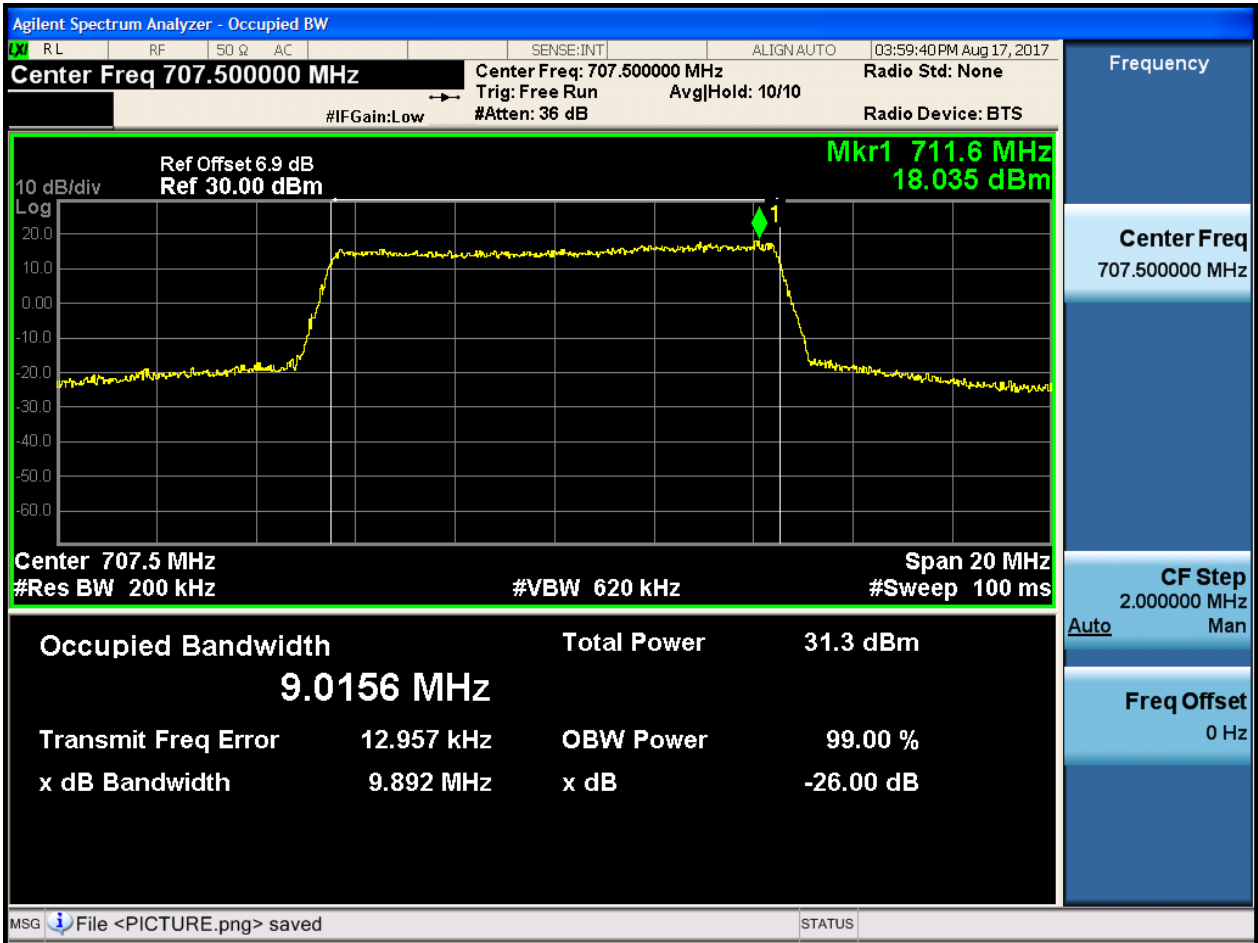
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

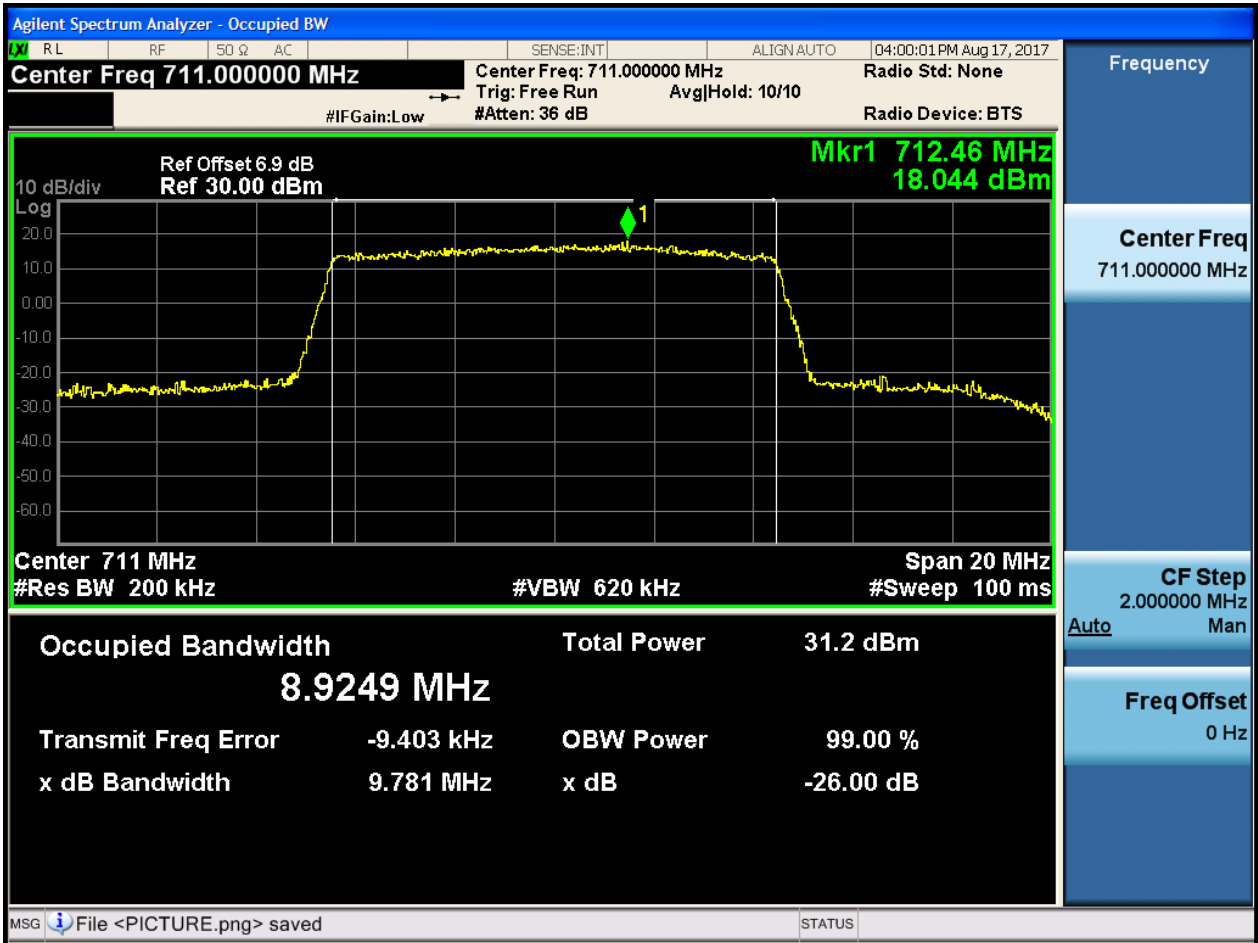
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



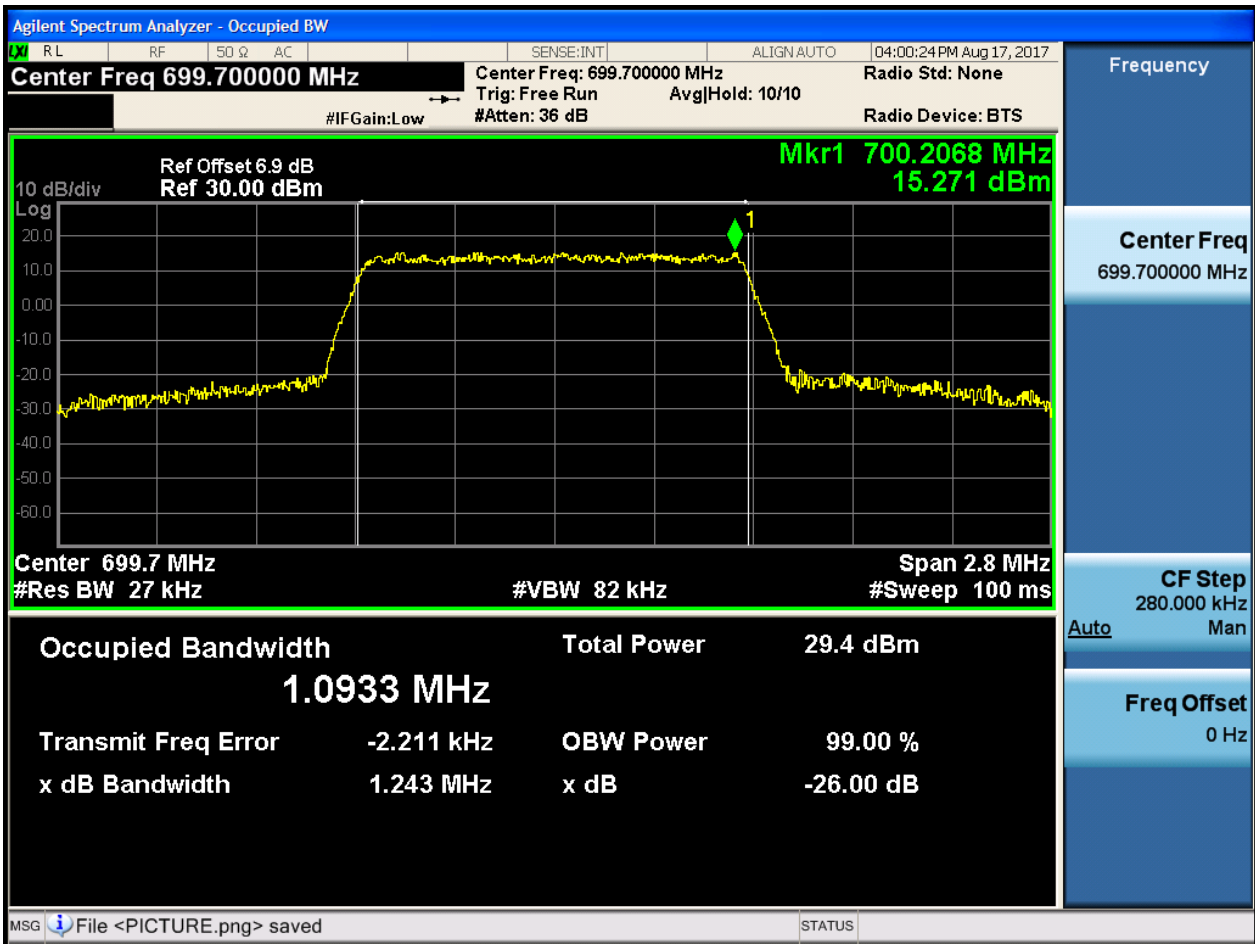


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

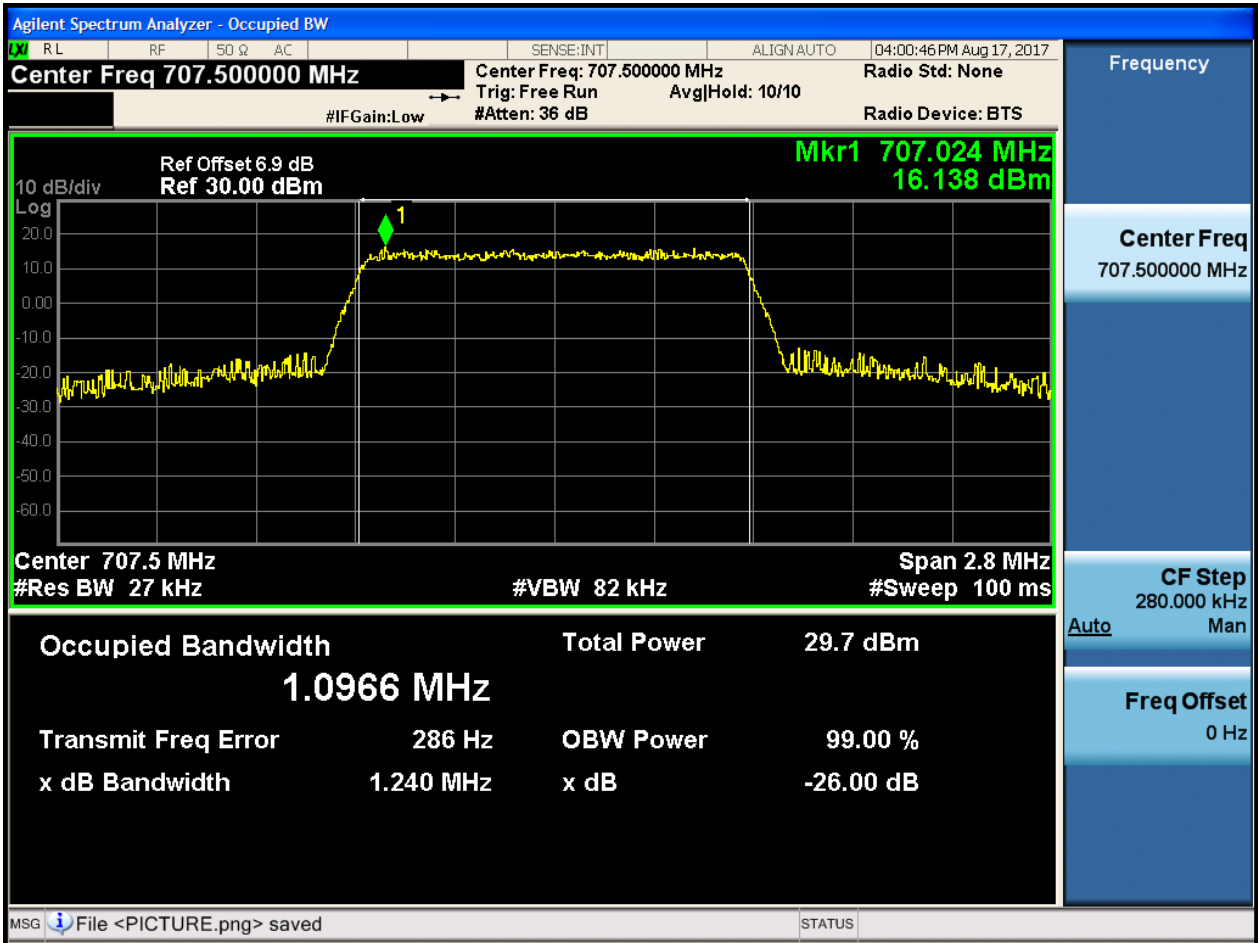
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0

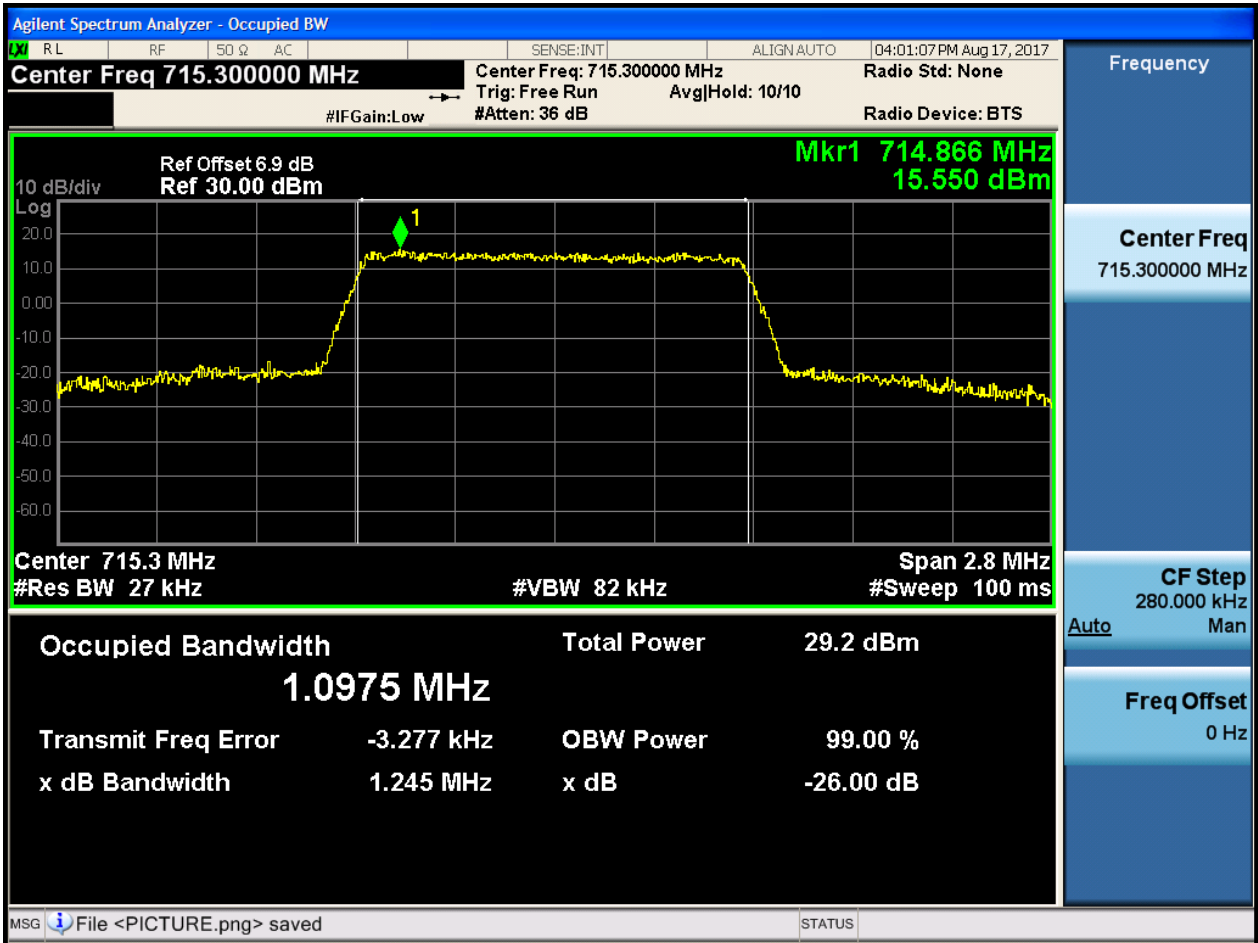






4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

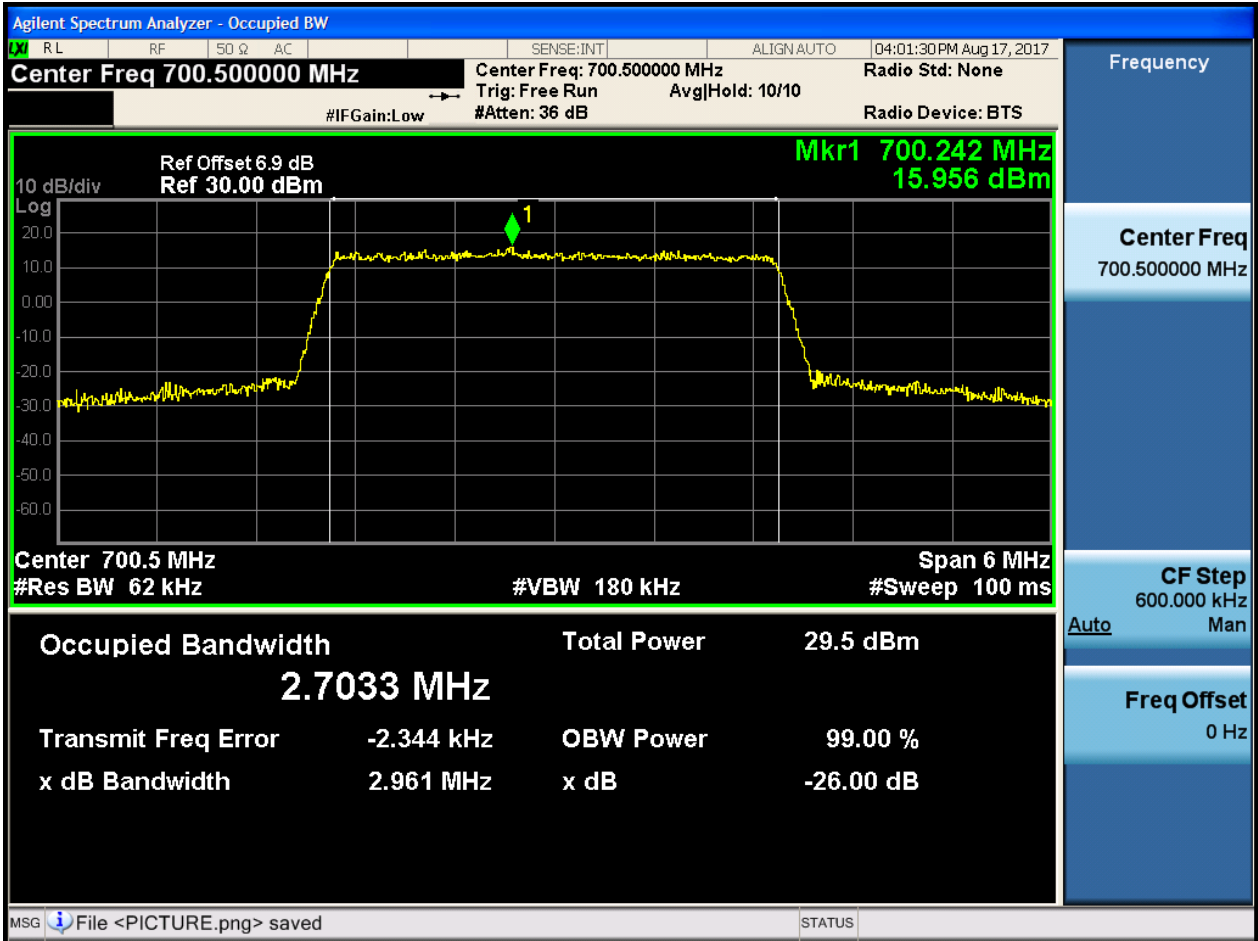




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

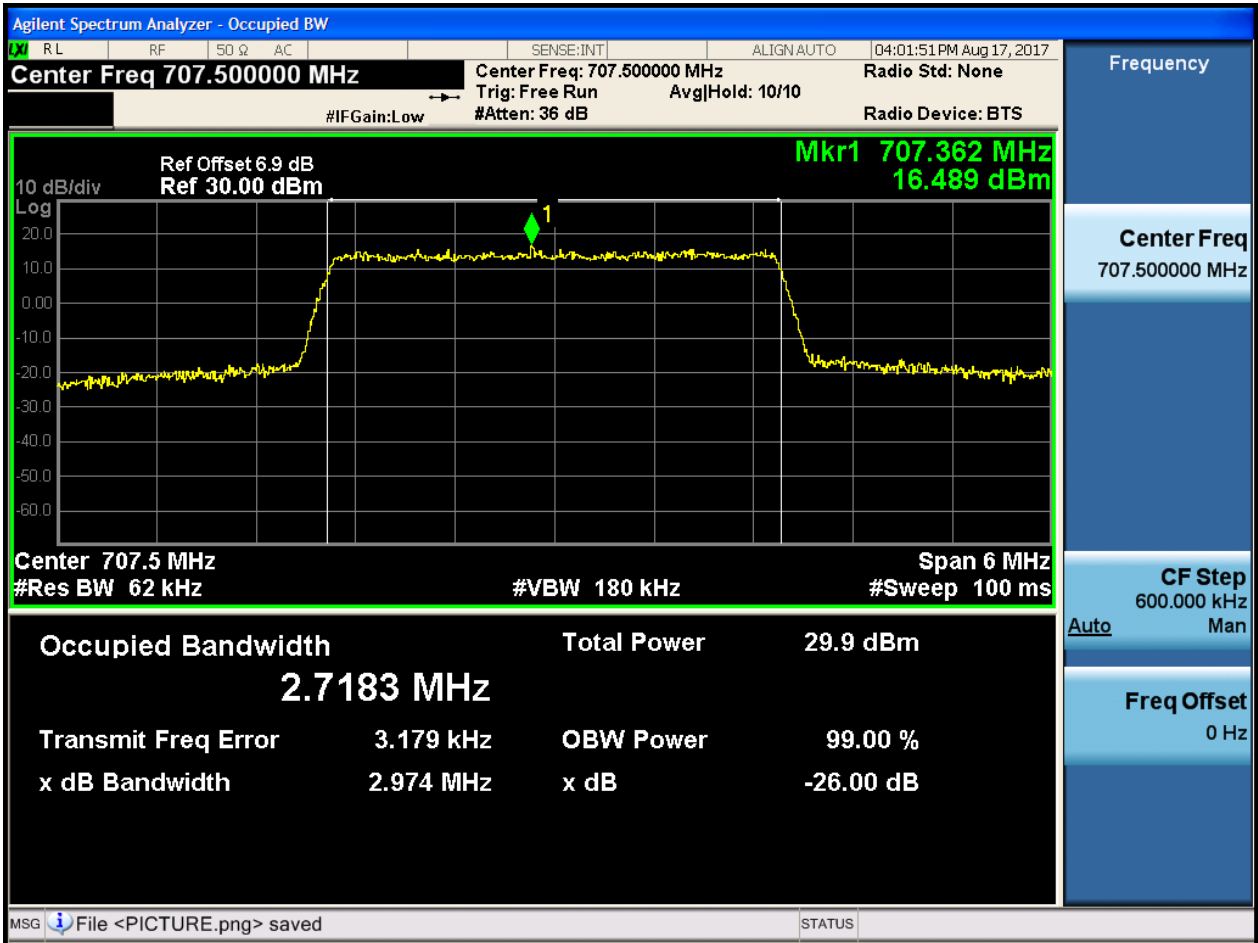
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

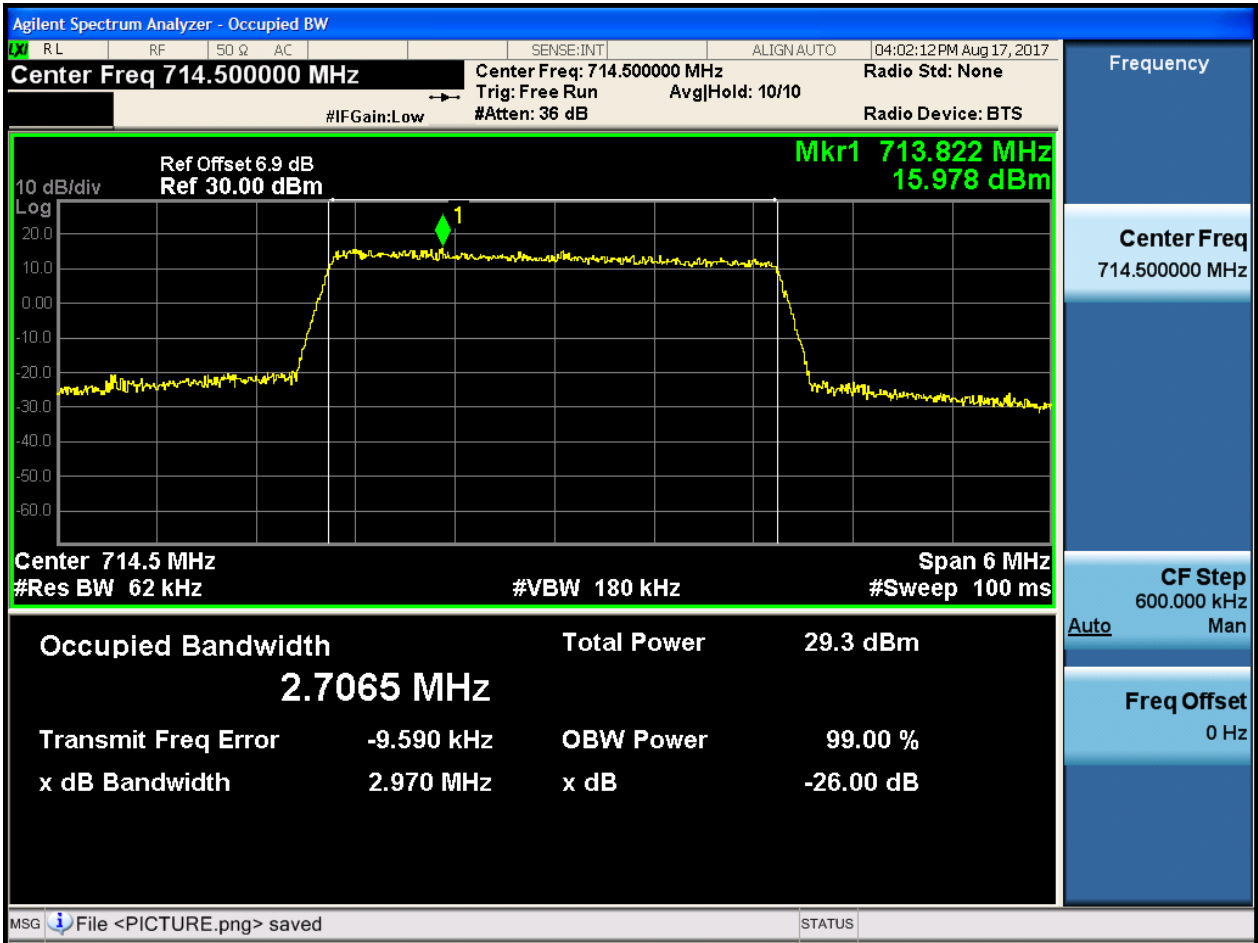
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

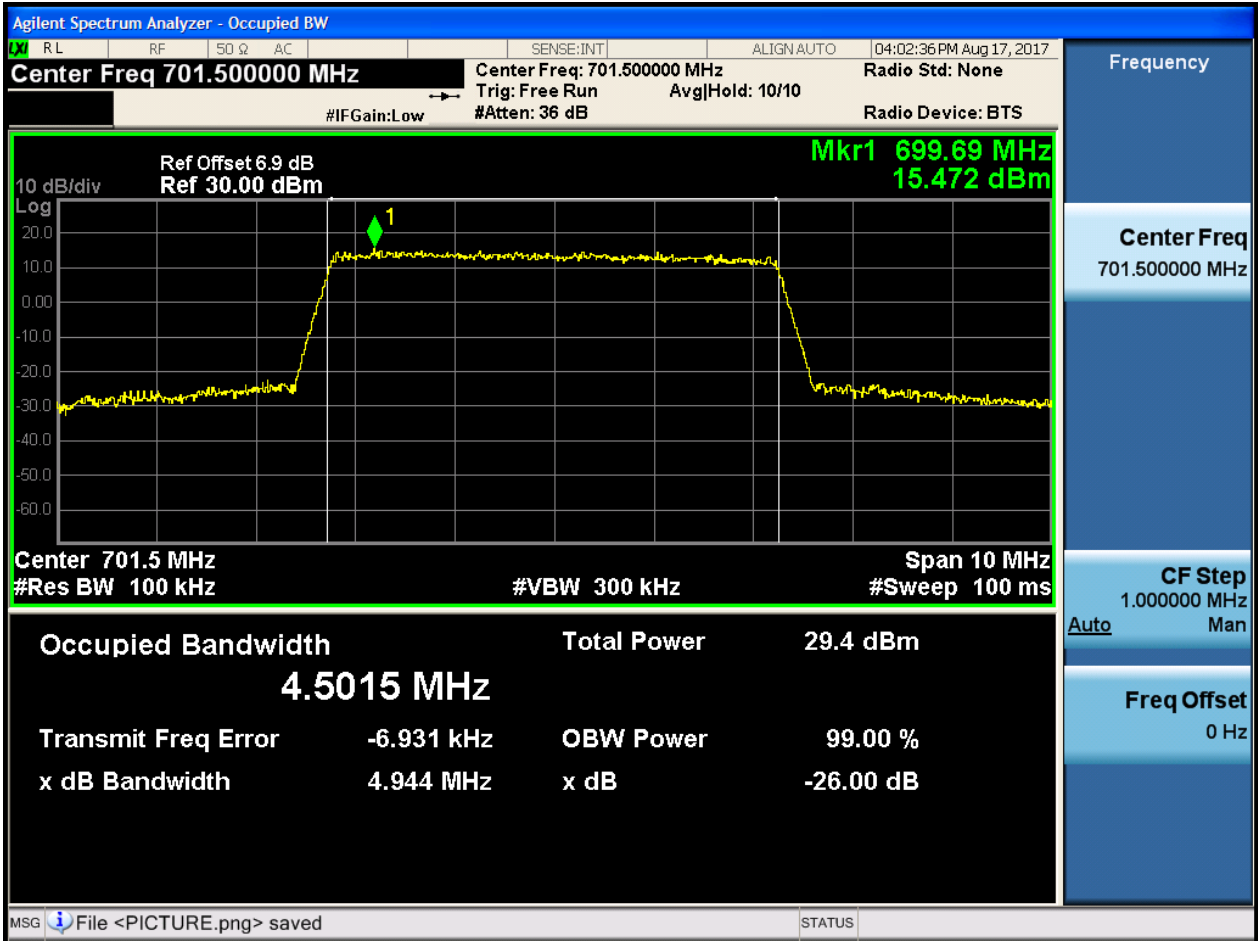




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

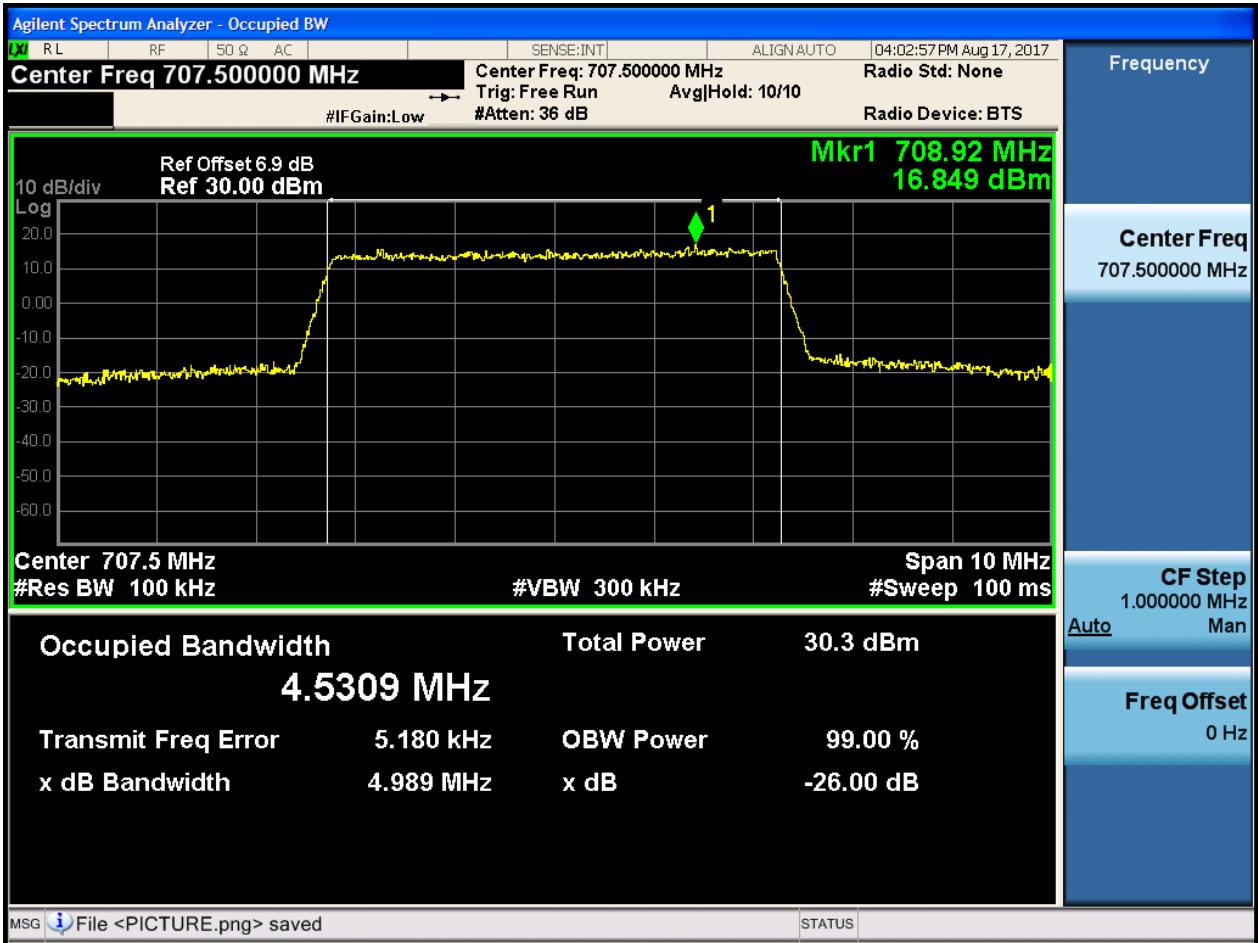
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

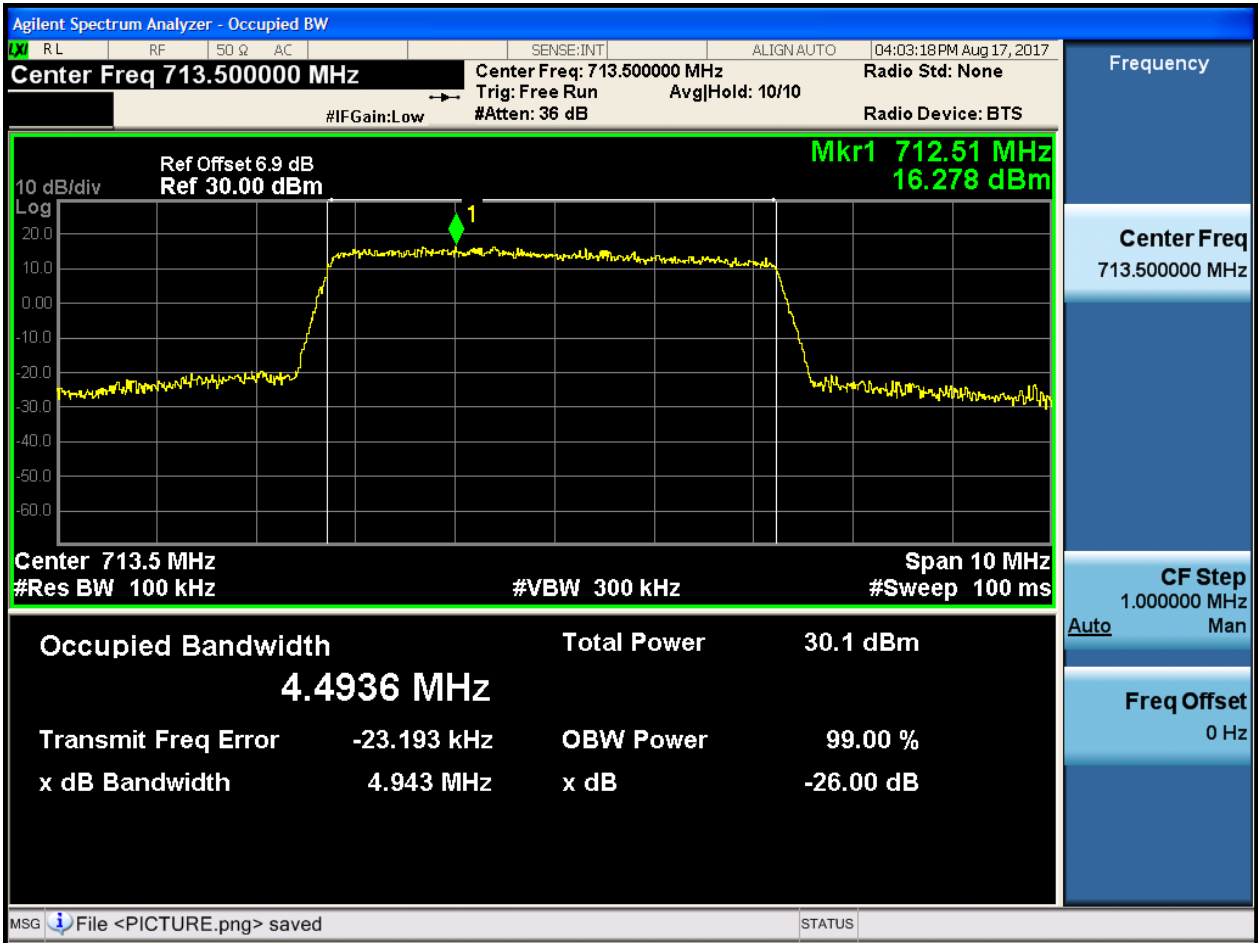
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

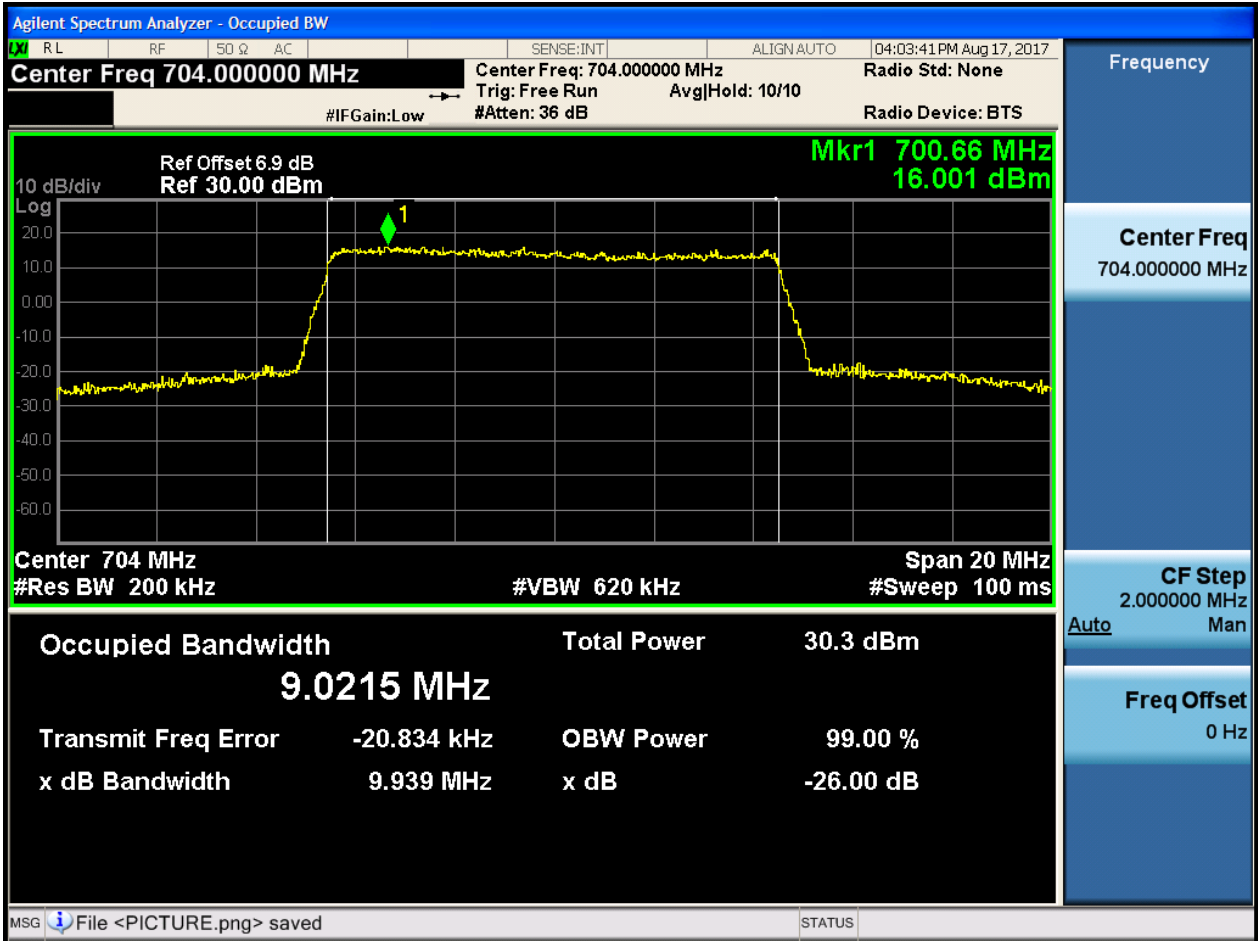




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

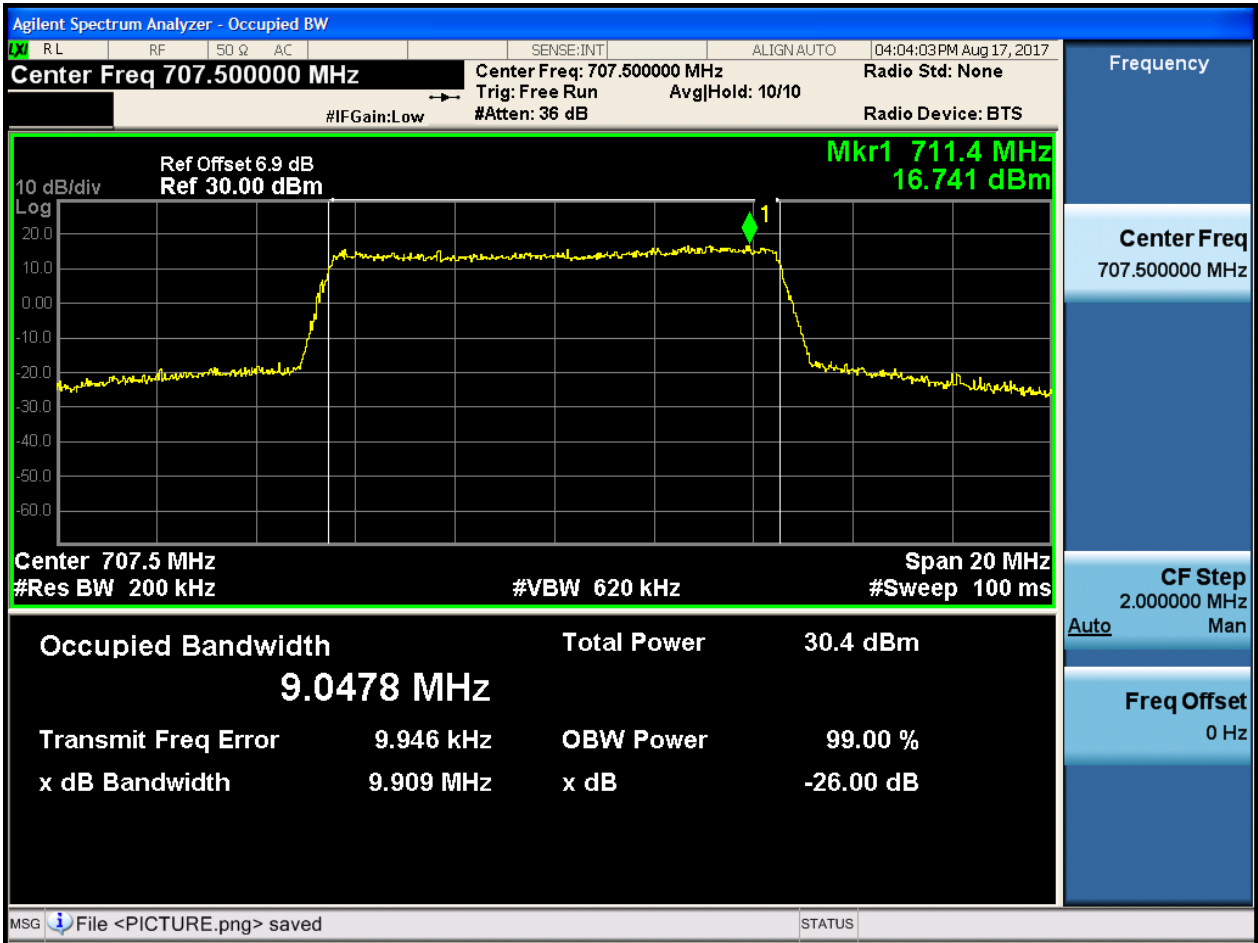
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

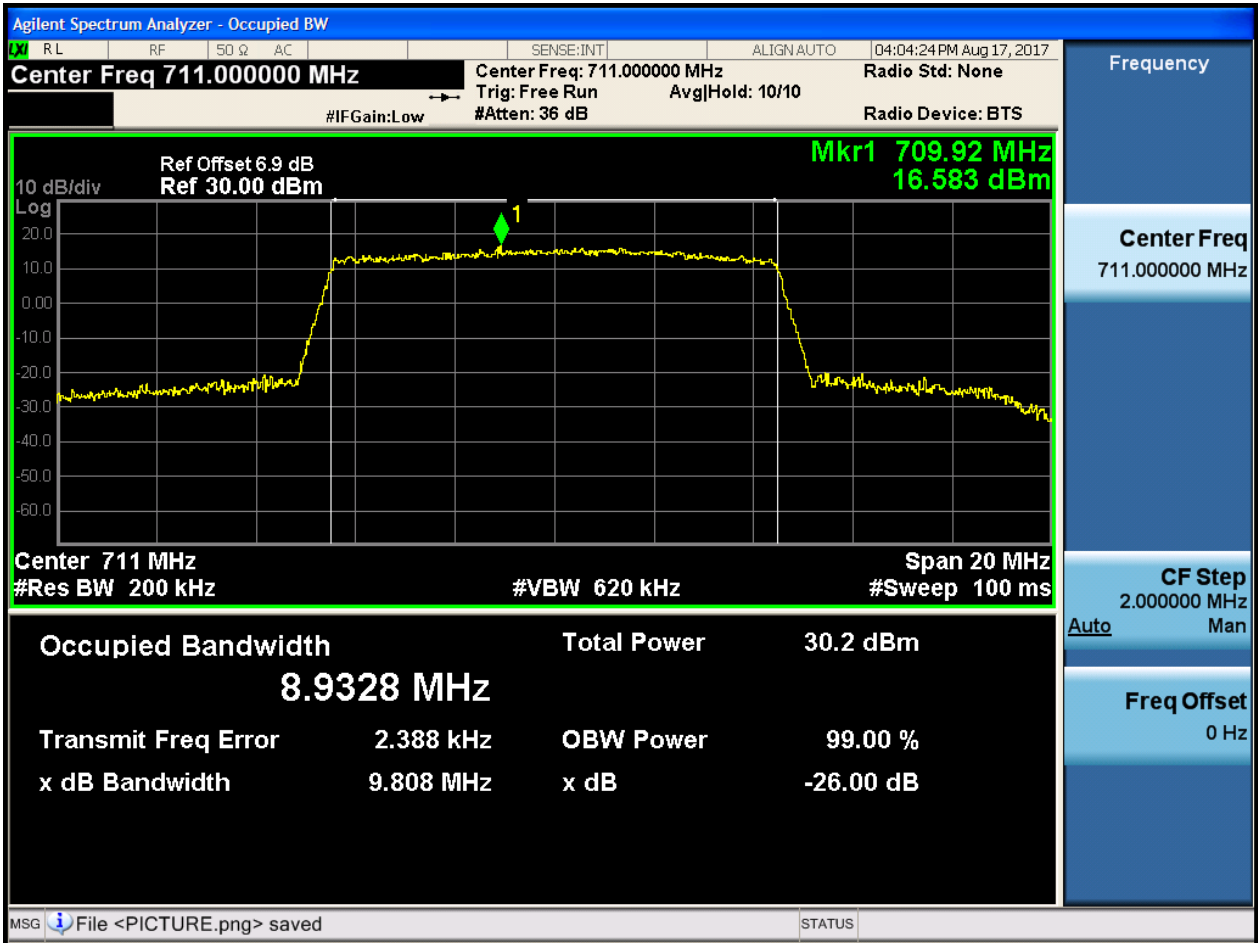
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0





## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

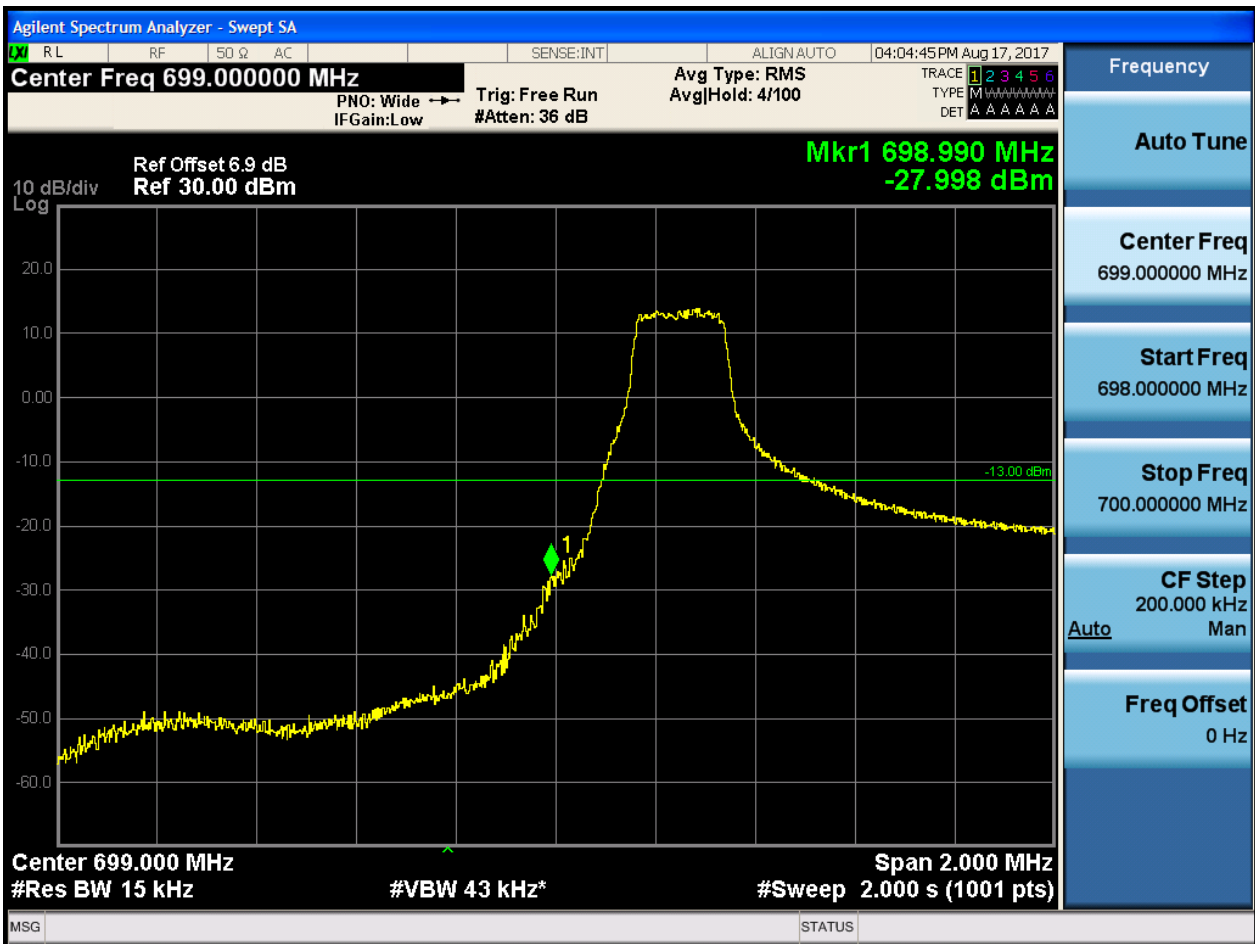
##### 5.1.1 Test Band = BAND12

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

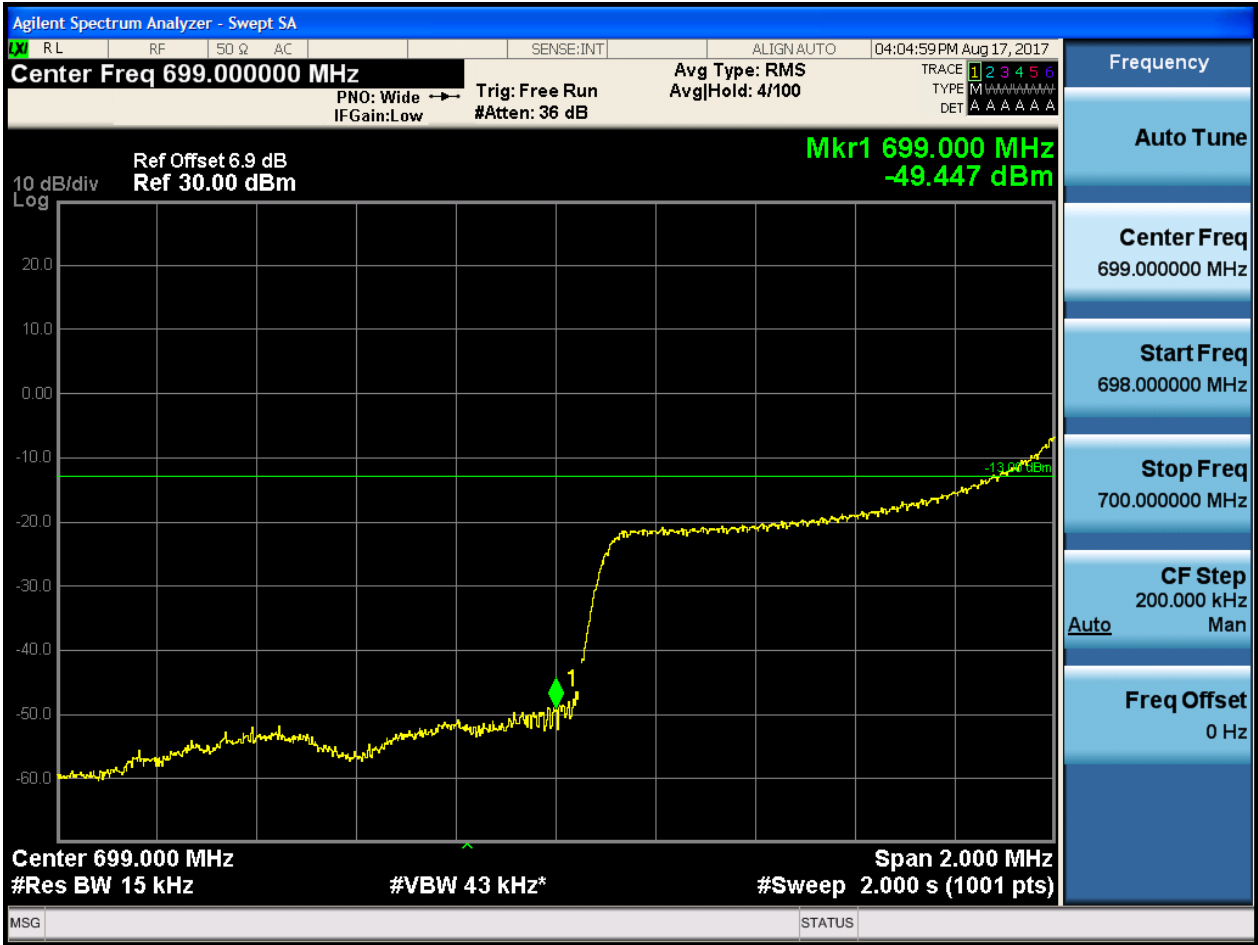
##### 5.1.1.1.1.1 Test Channel = LCH

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



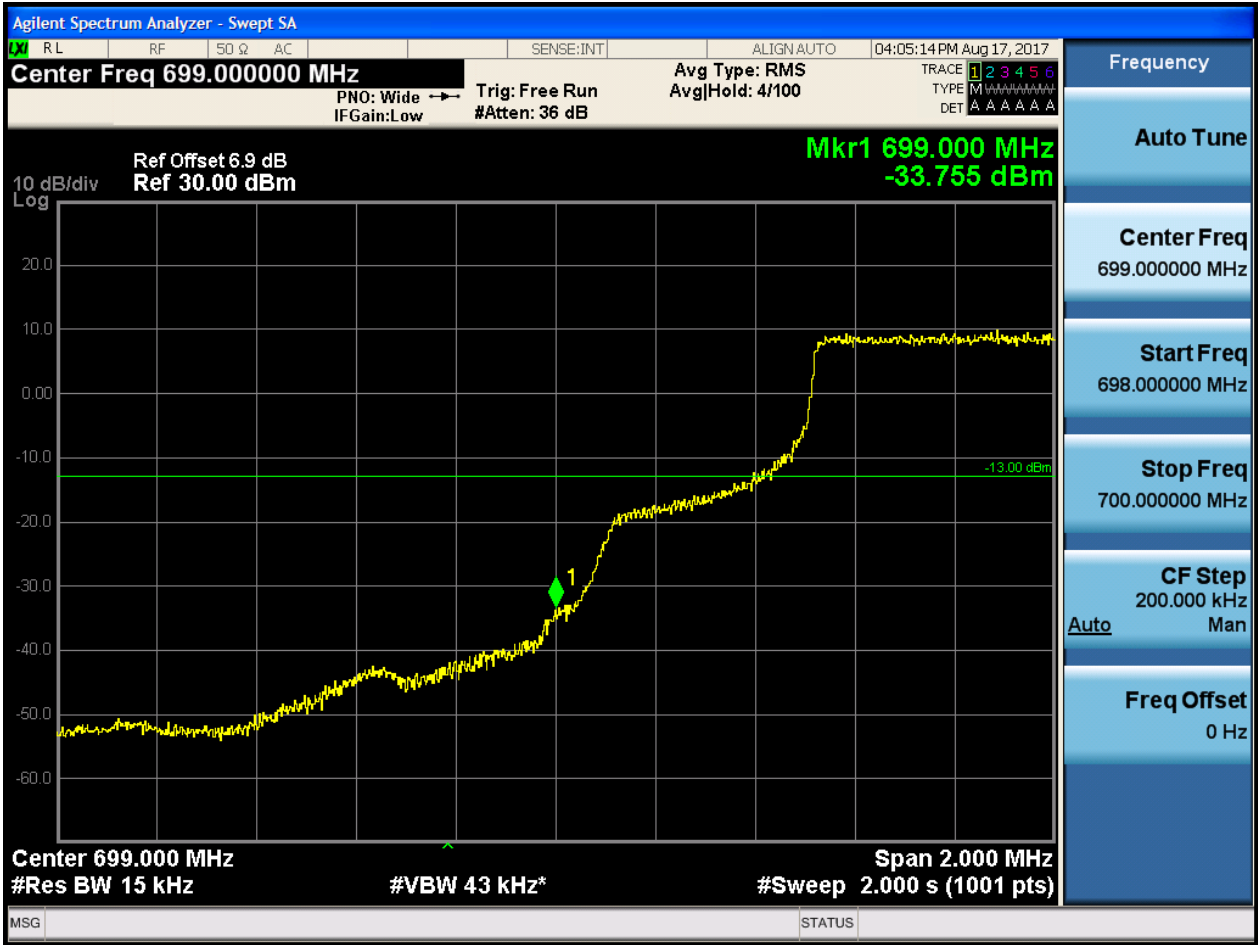


5.1.1.1.1.2 Test RB = RB1#5



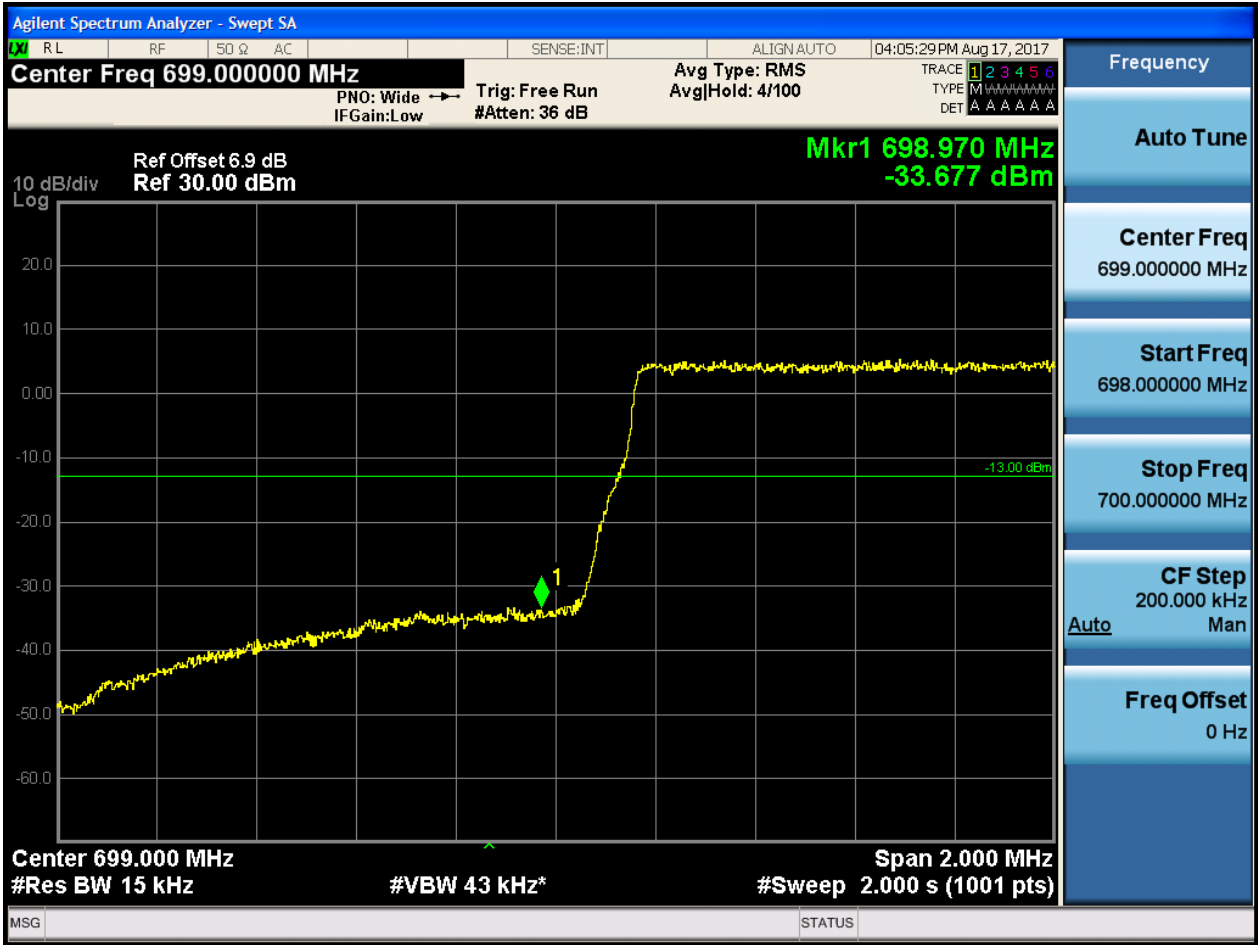


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





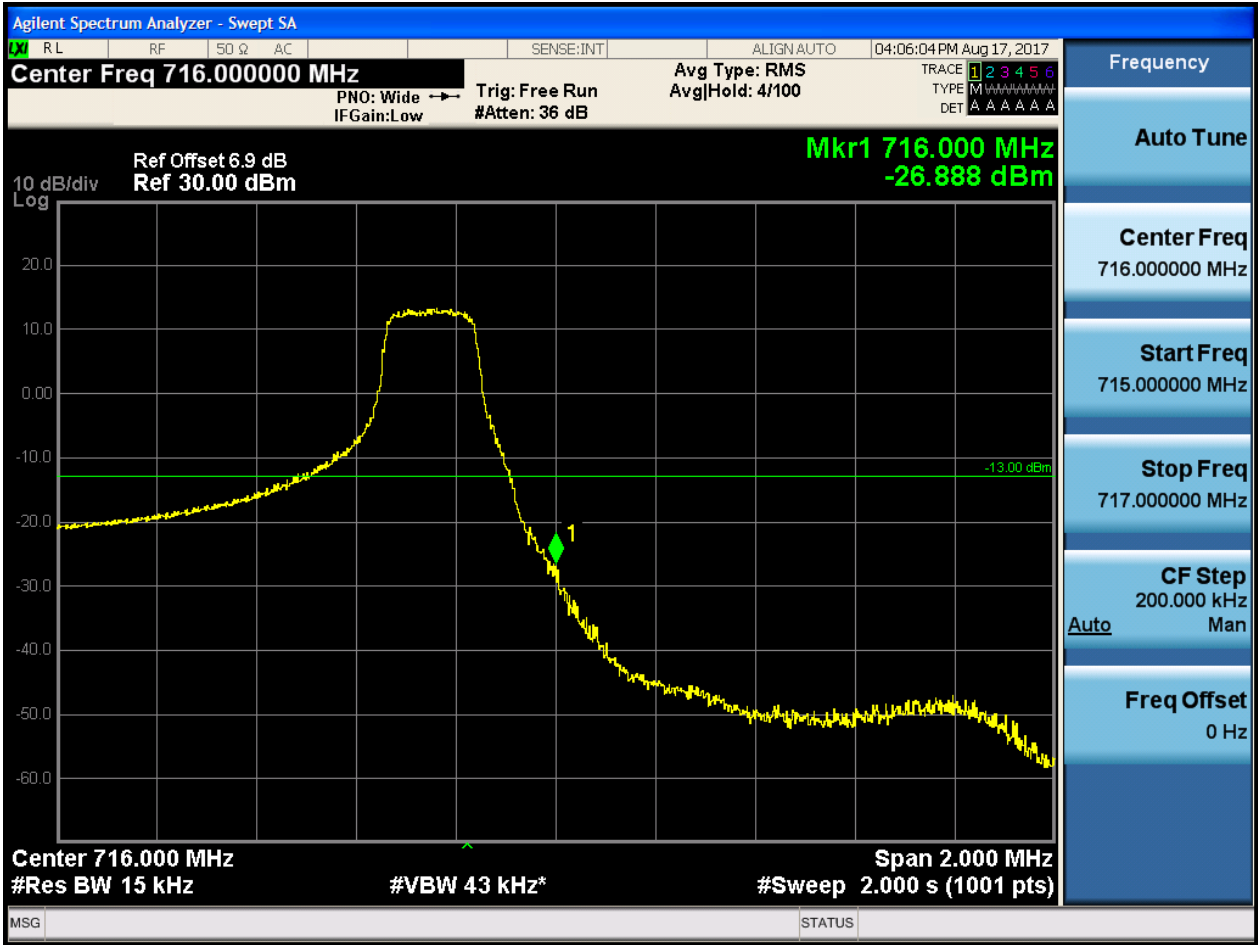
5.1.1.1.1.2 Test Channel = HCH

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

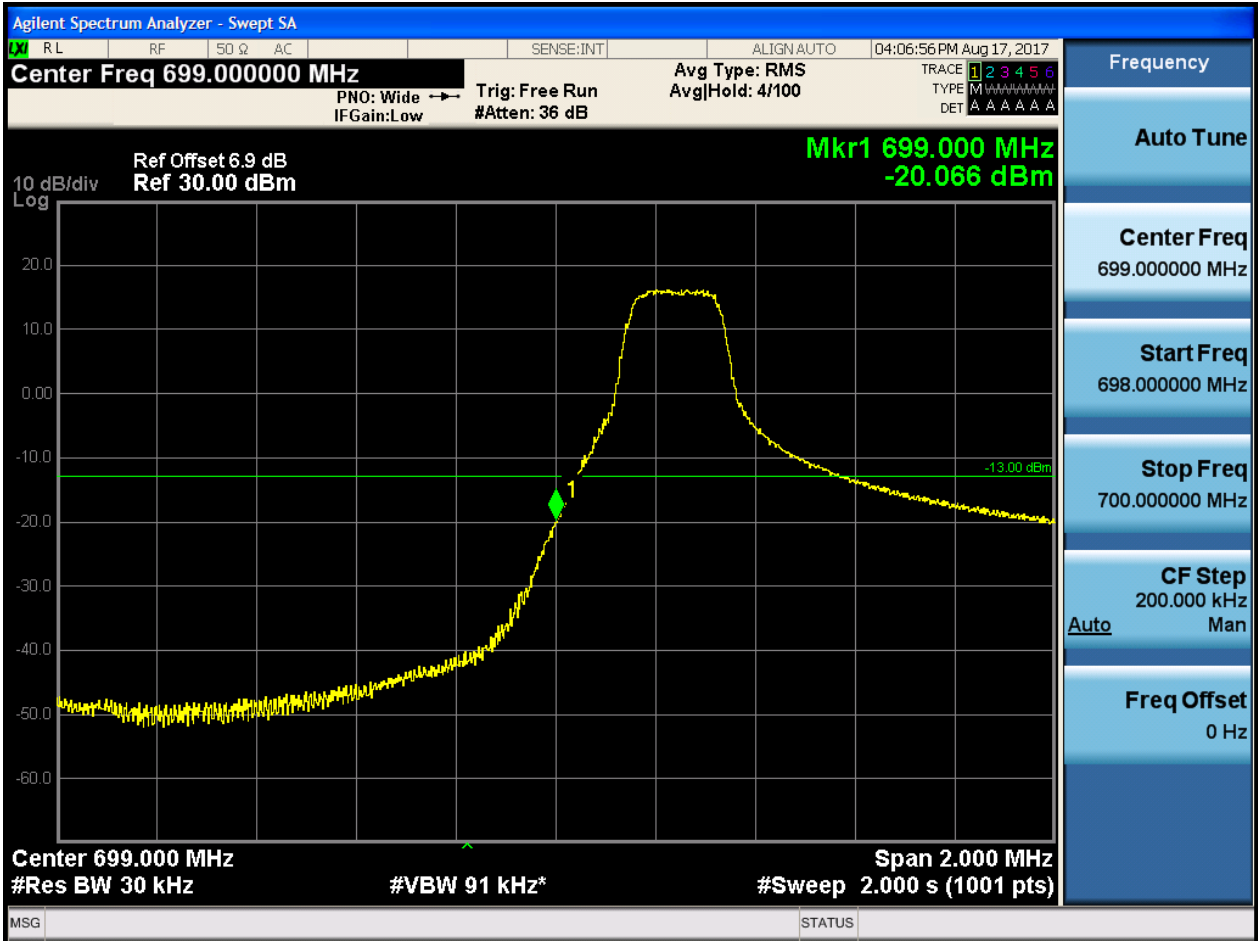




5.1.1.1.2 Test Bandwidth = 3

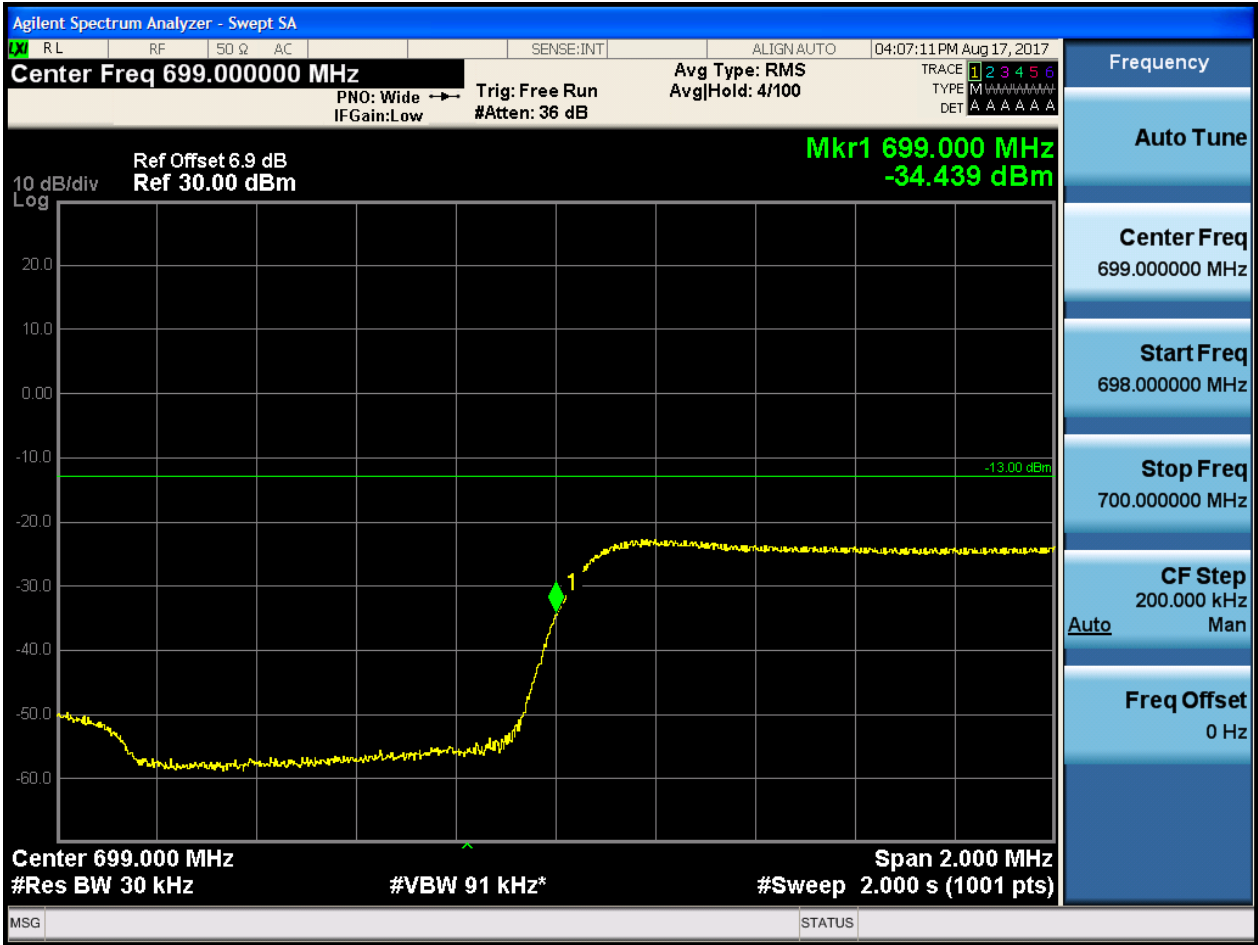
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



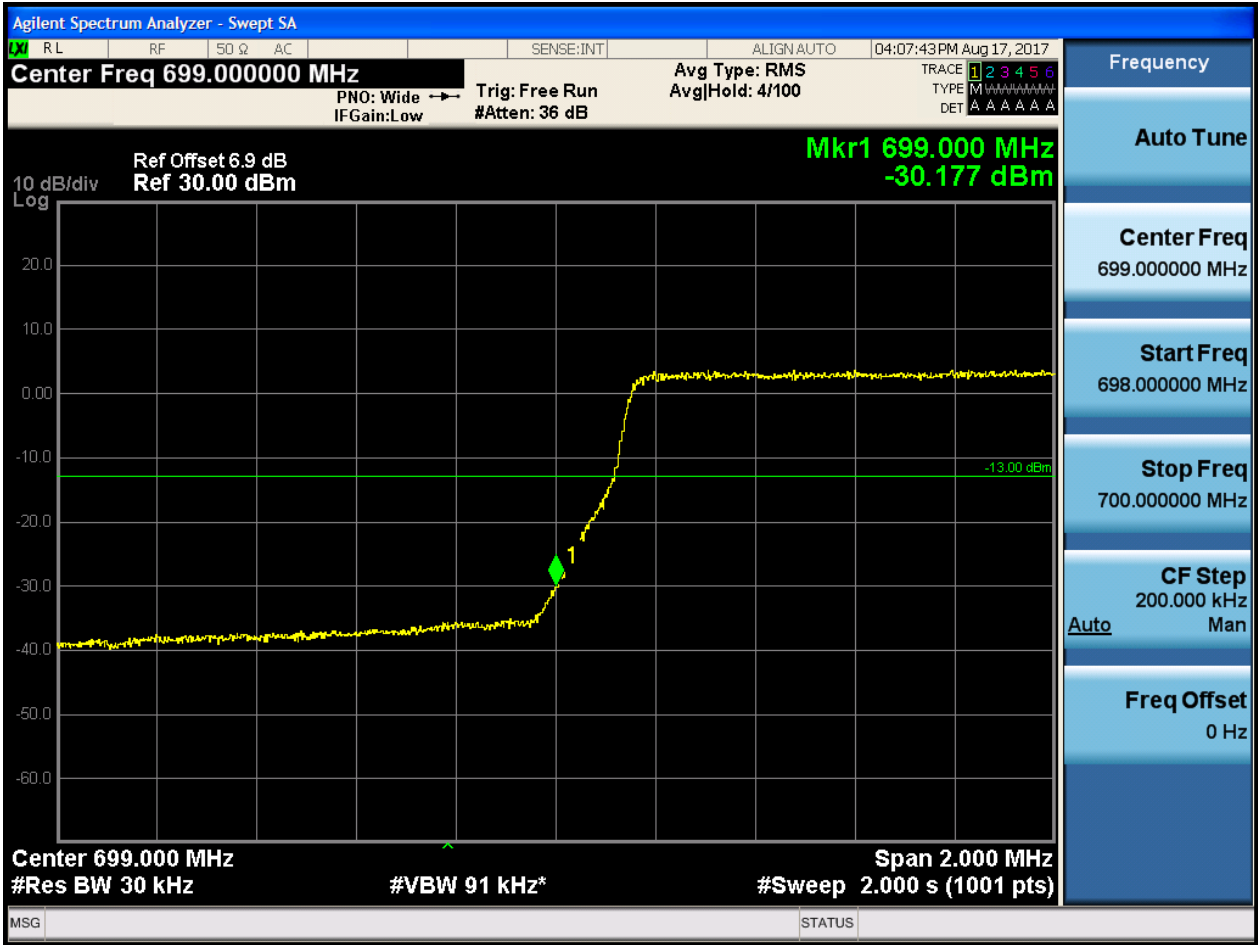


5.1.1.1.2.1.3 Test RB = RB8#4





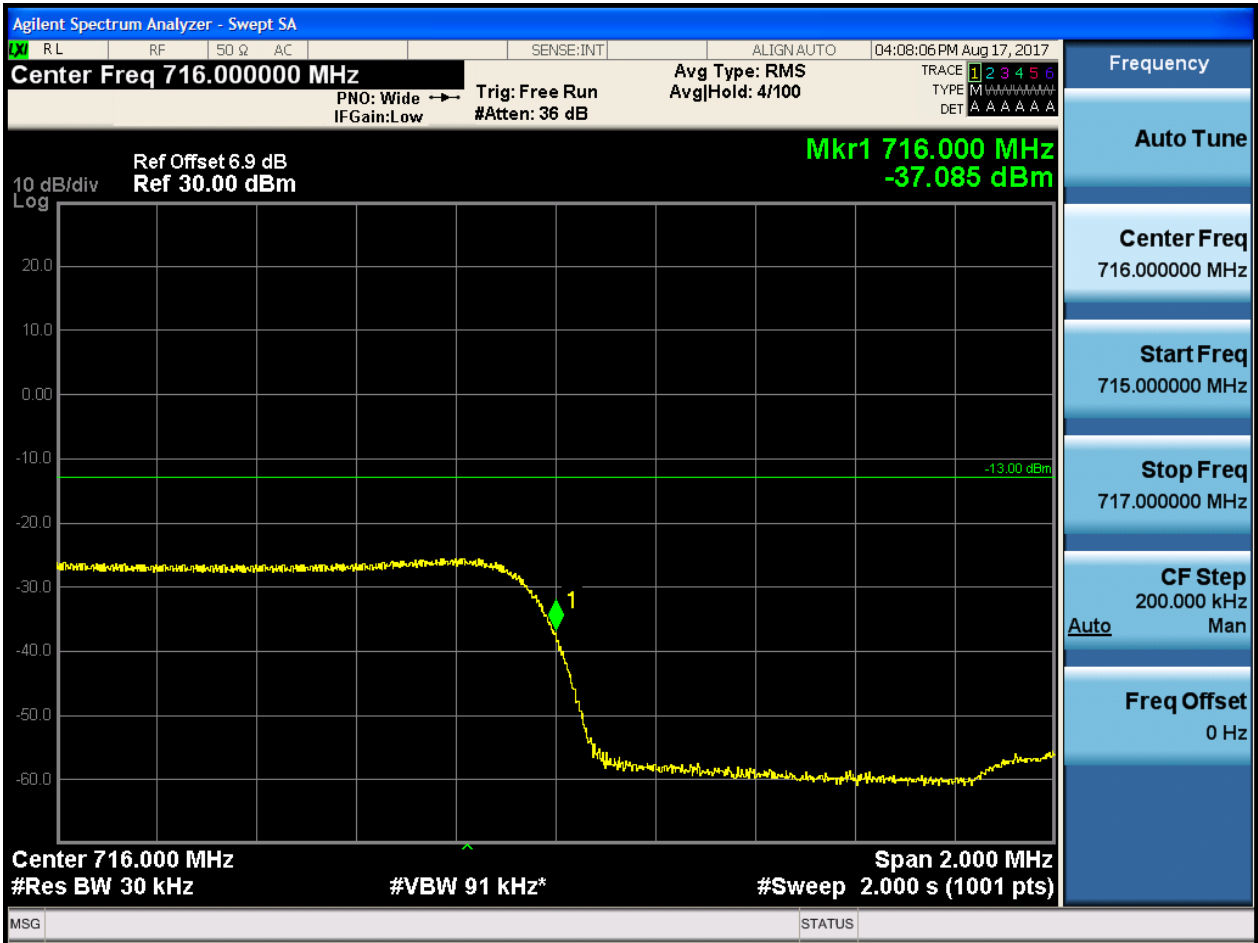
5.1.1.1.2.1.4 Test RB = RB15#0





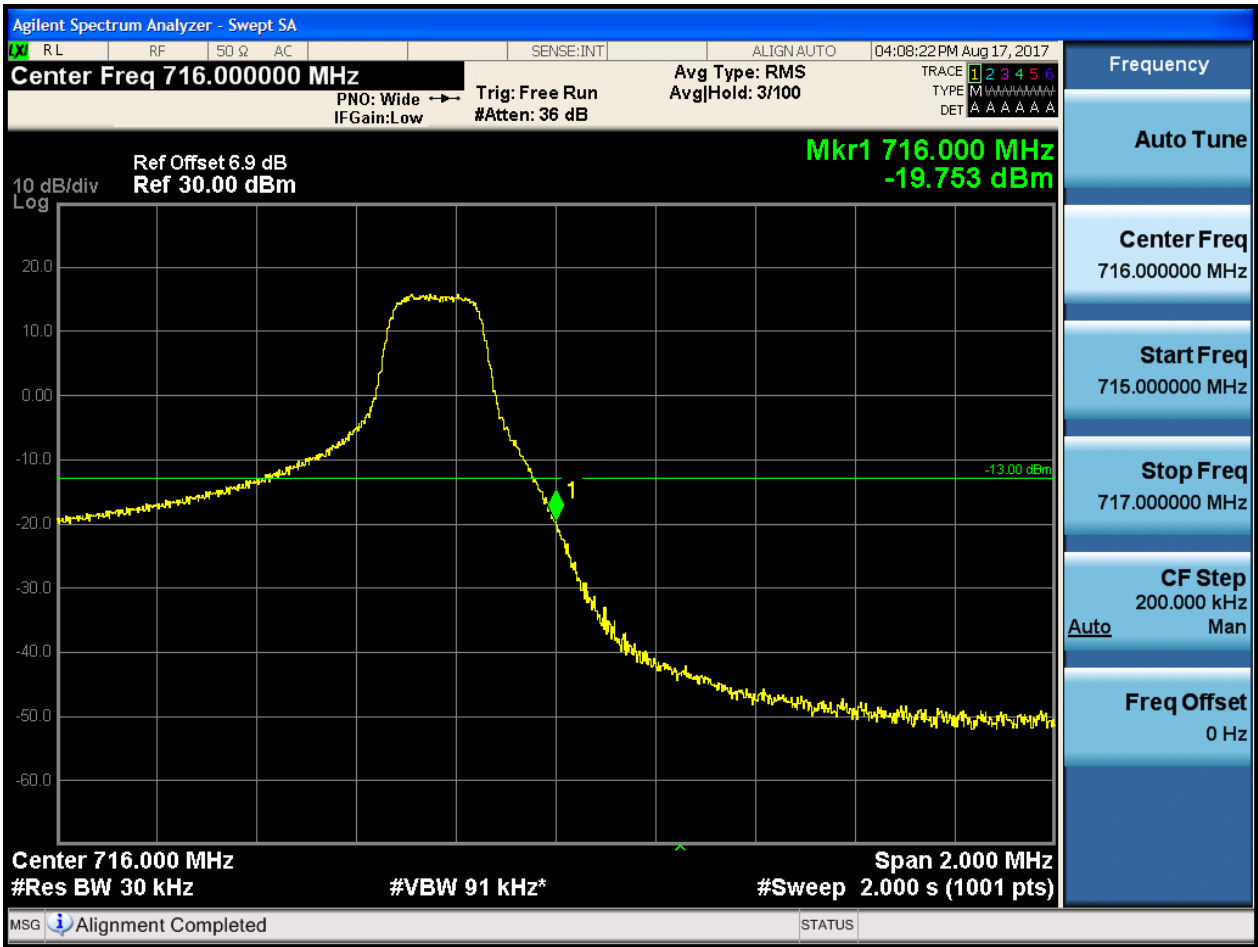
5.1.1.1.2.2 Test Channel = HCH

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

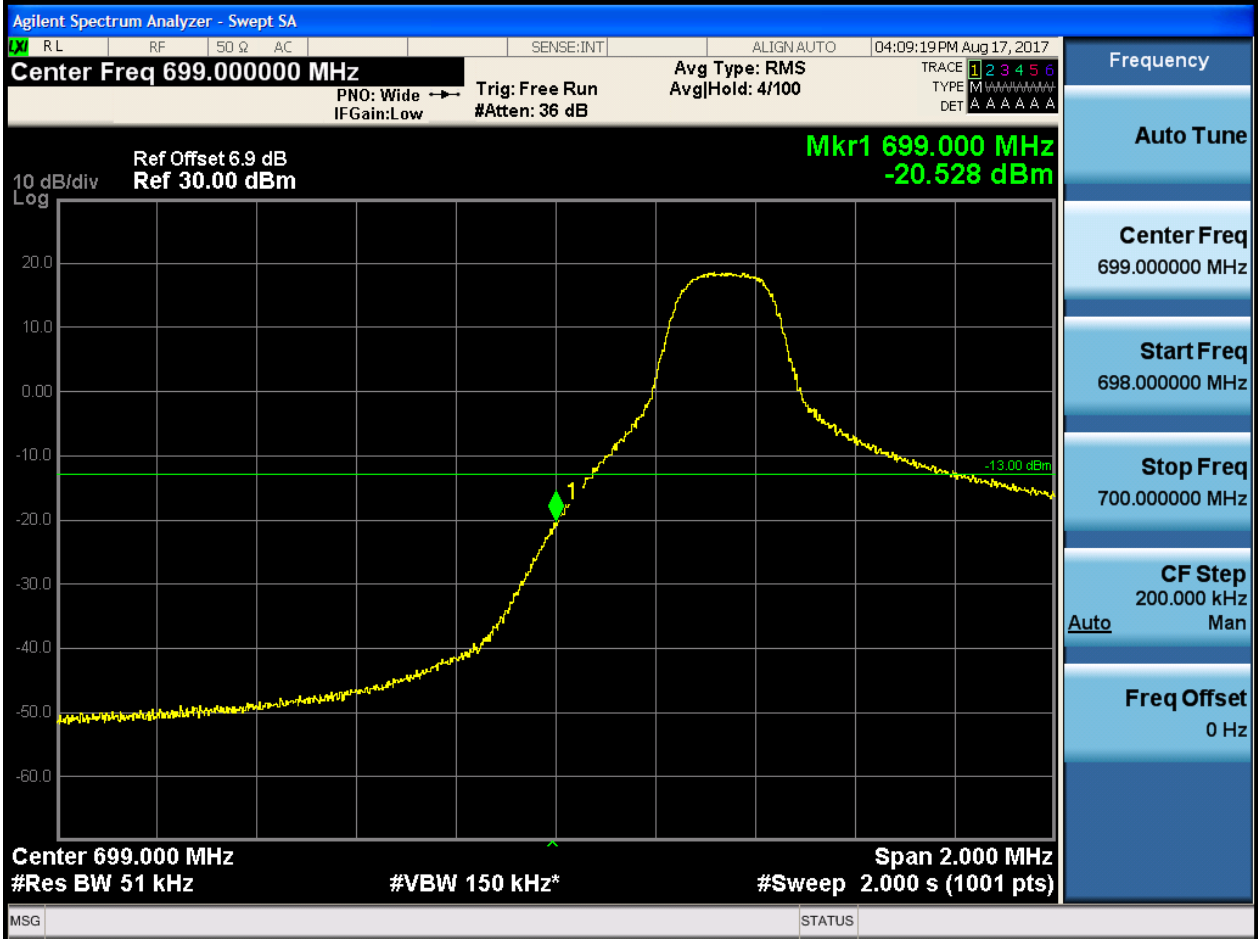




5.1.1.1.3 Test Bandwidth = 5

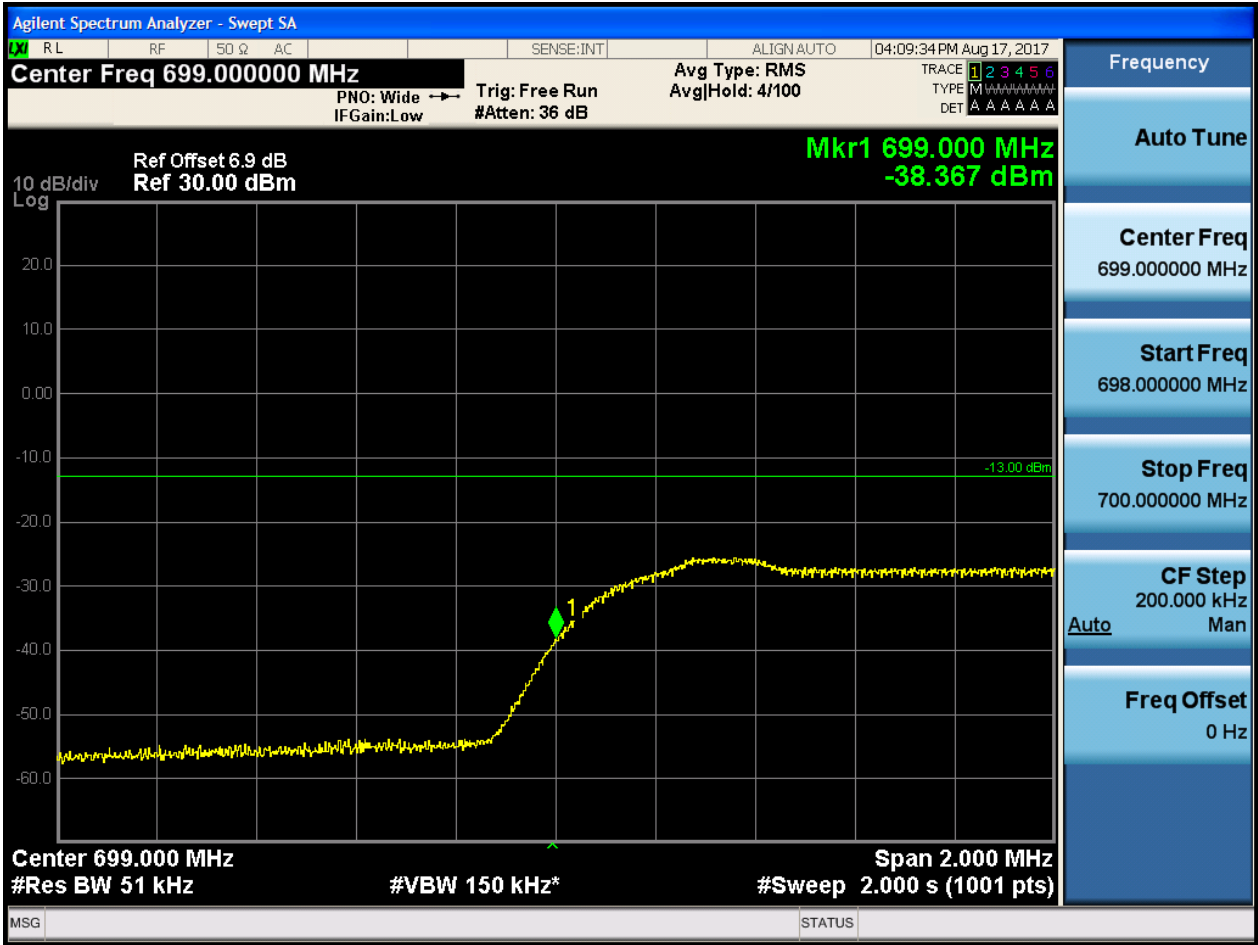
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



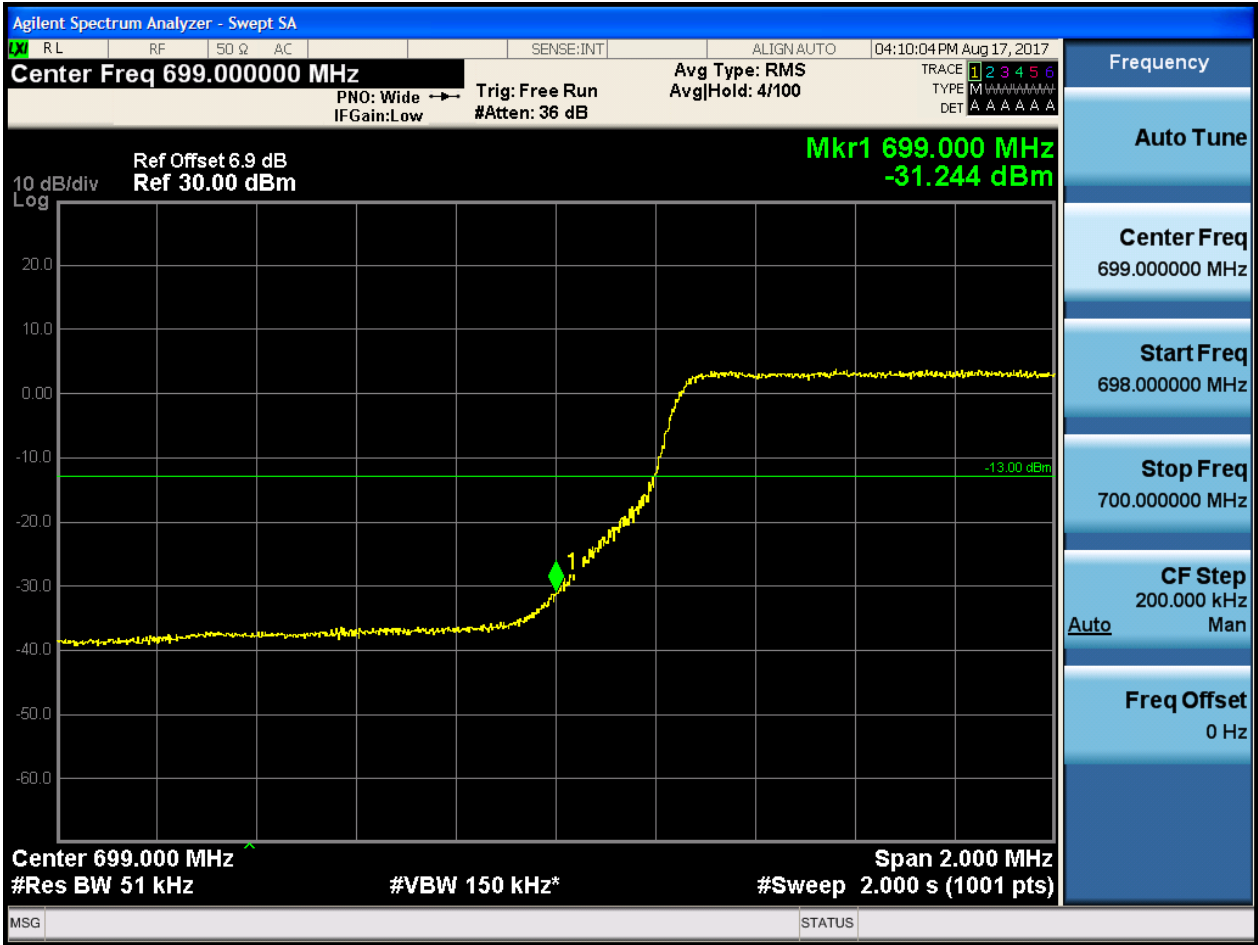


5.1.1.1.3.1.3 Test RB = RB12#6





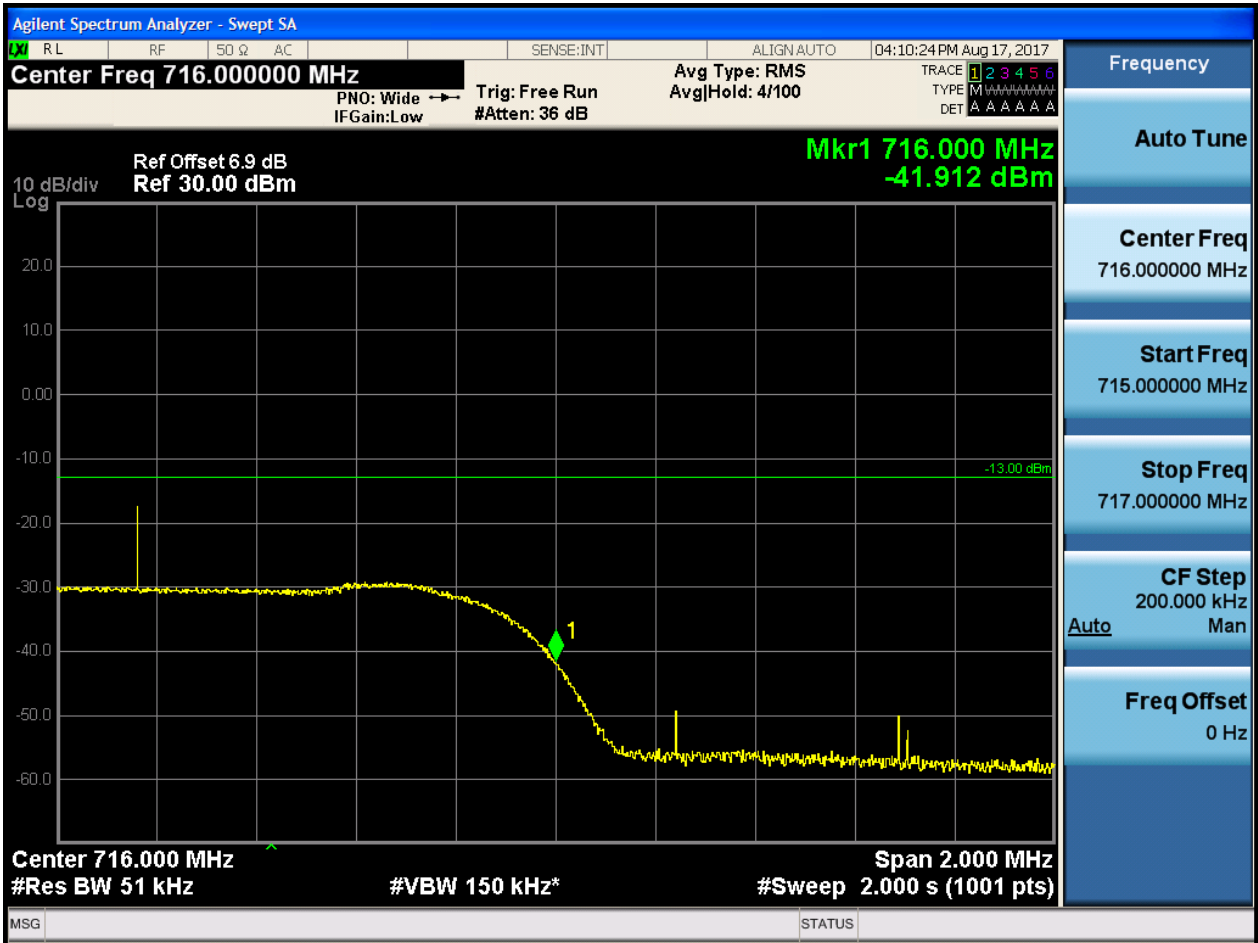
5.1.1.1.3.1.4 Test RB = RB25#0





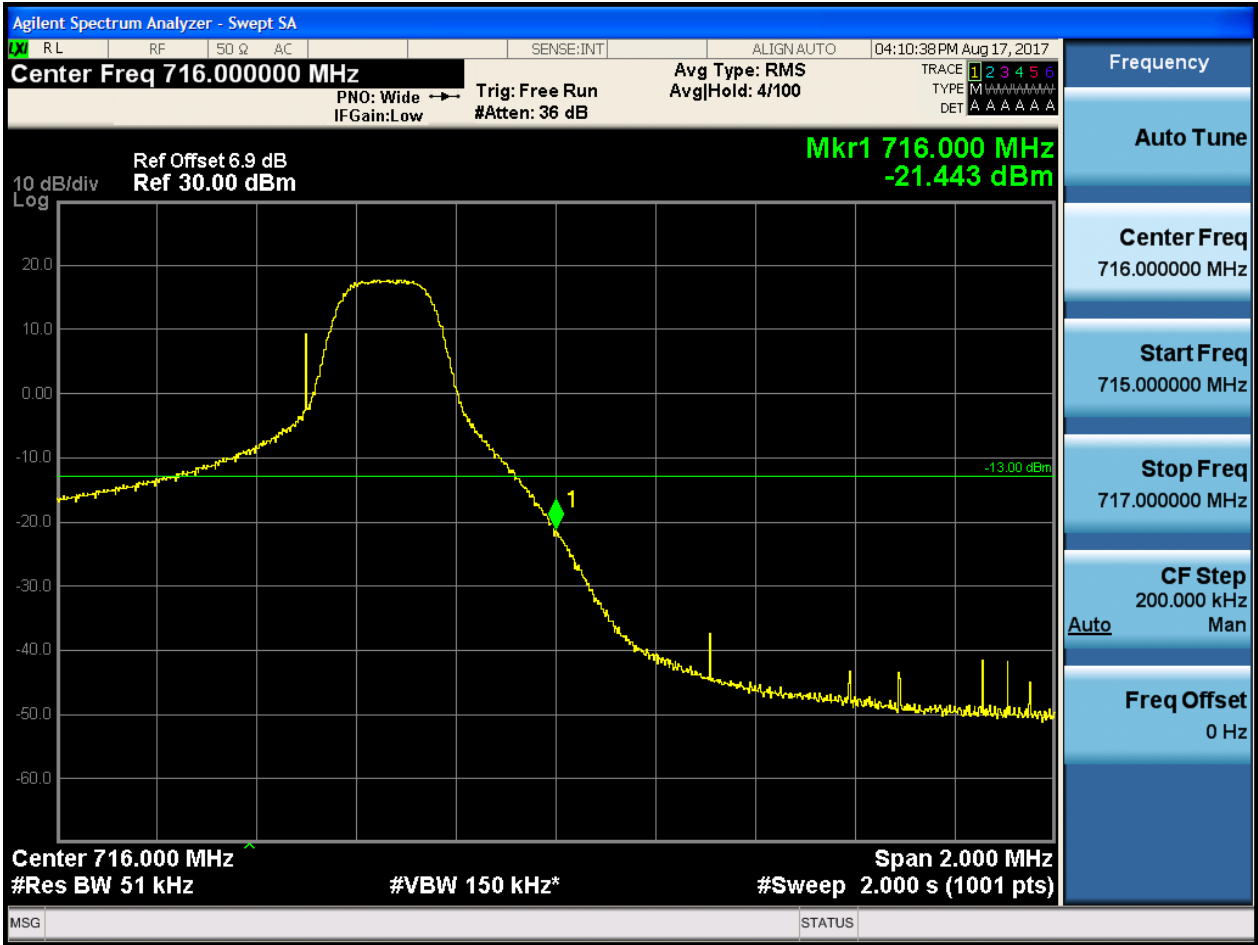
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24







5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

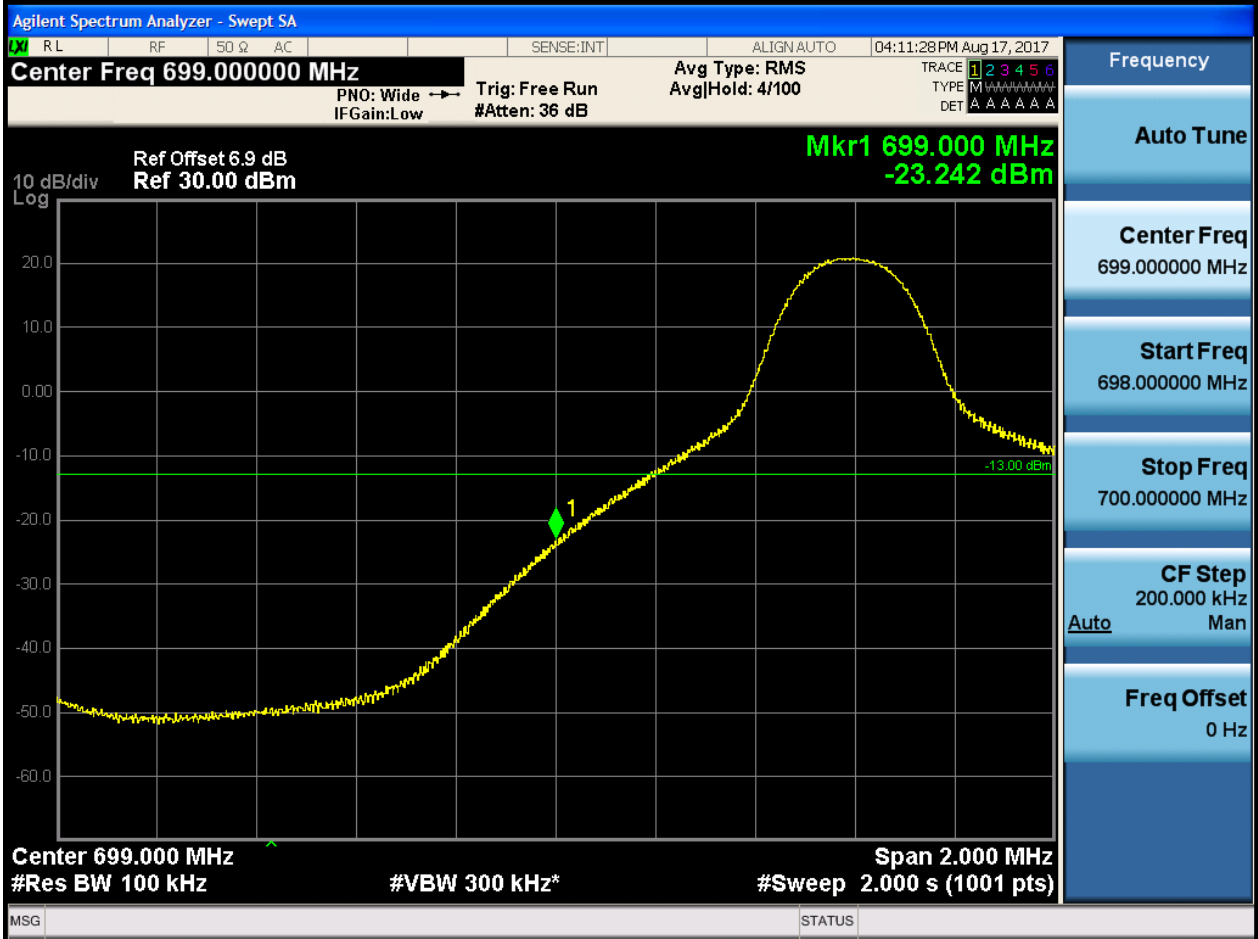




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





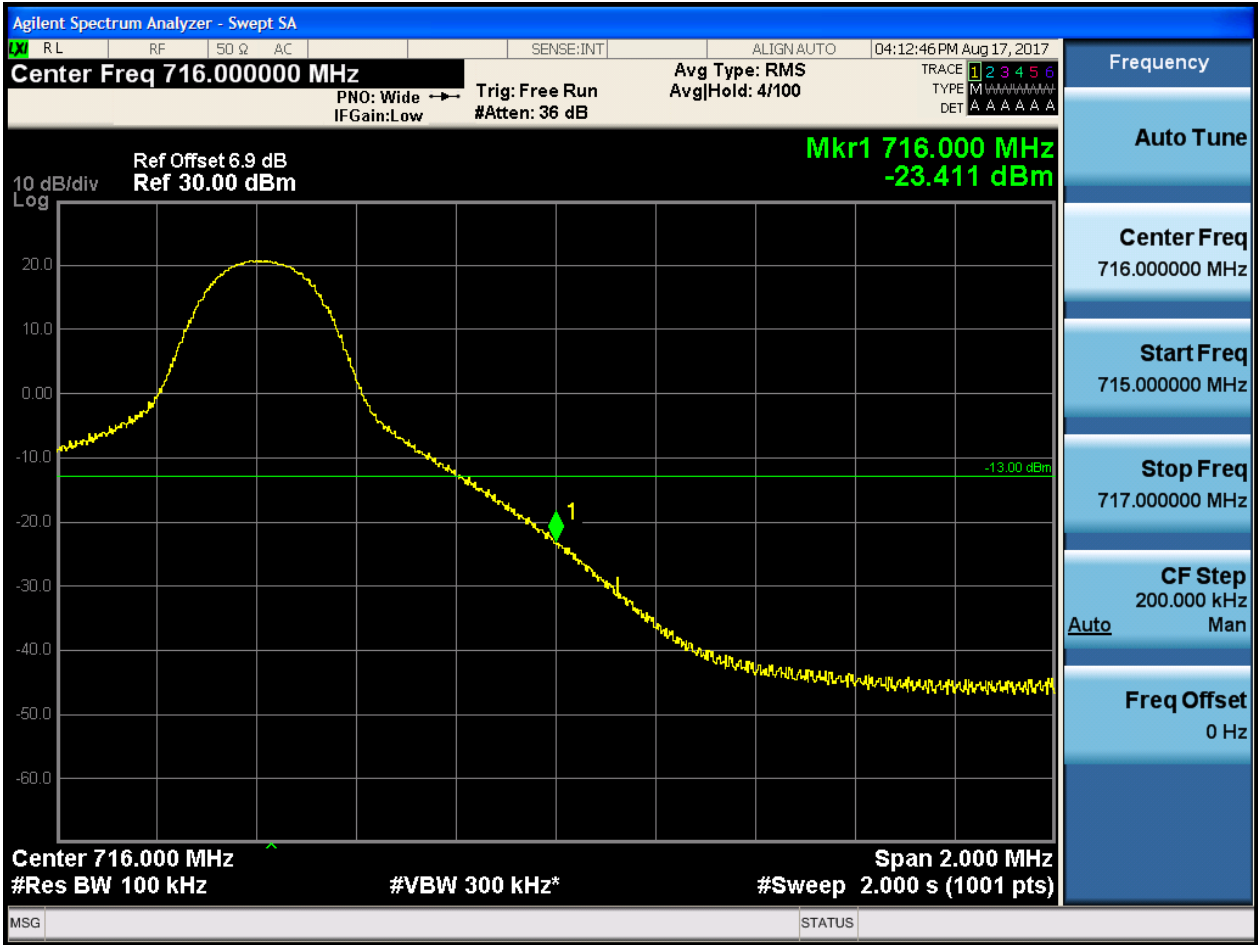
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





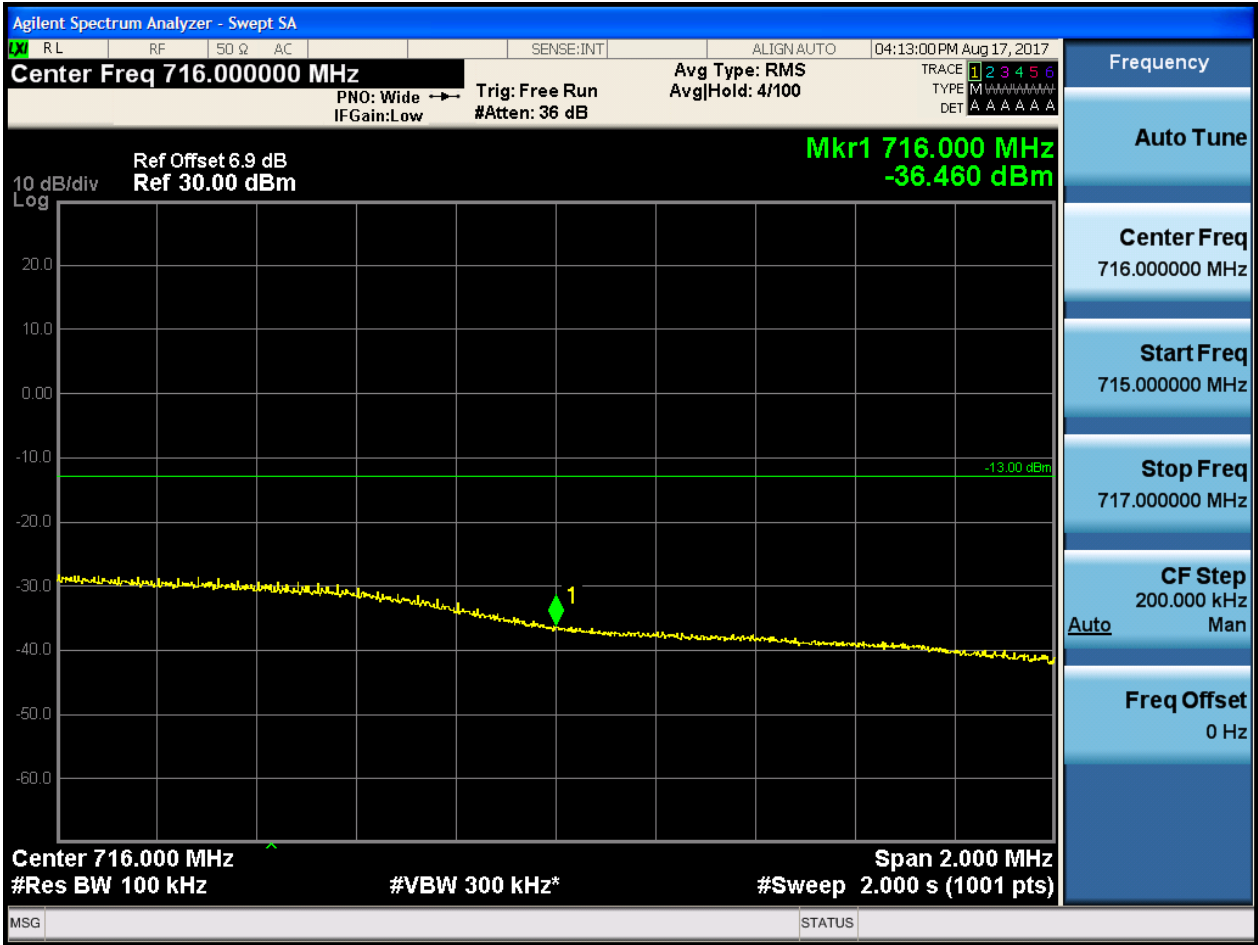
5.1.1.1.4.2.2 Test RB = RB1#49







5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



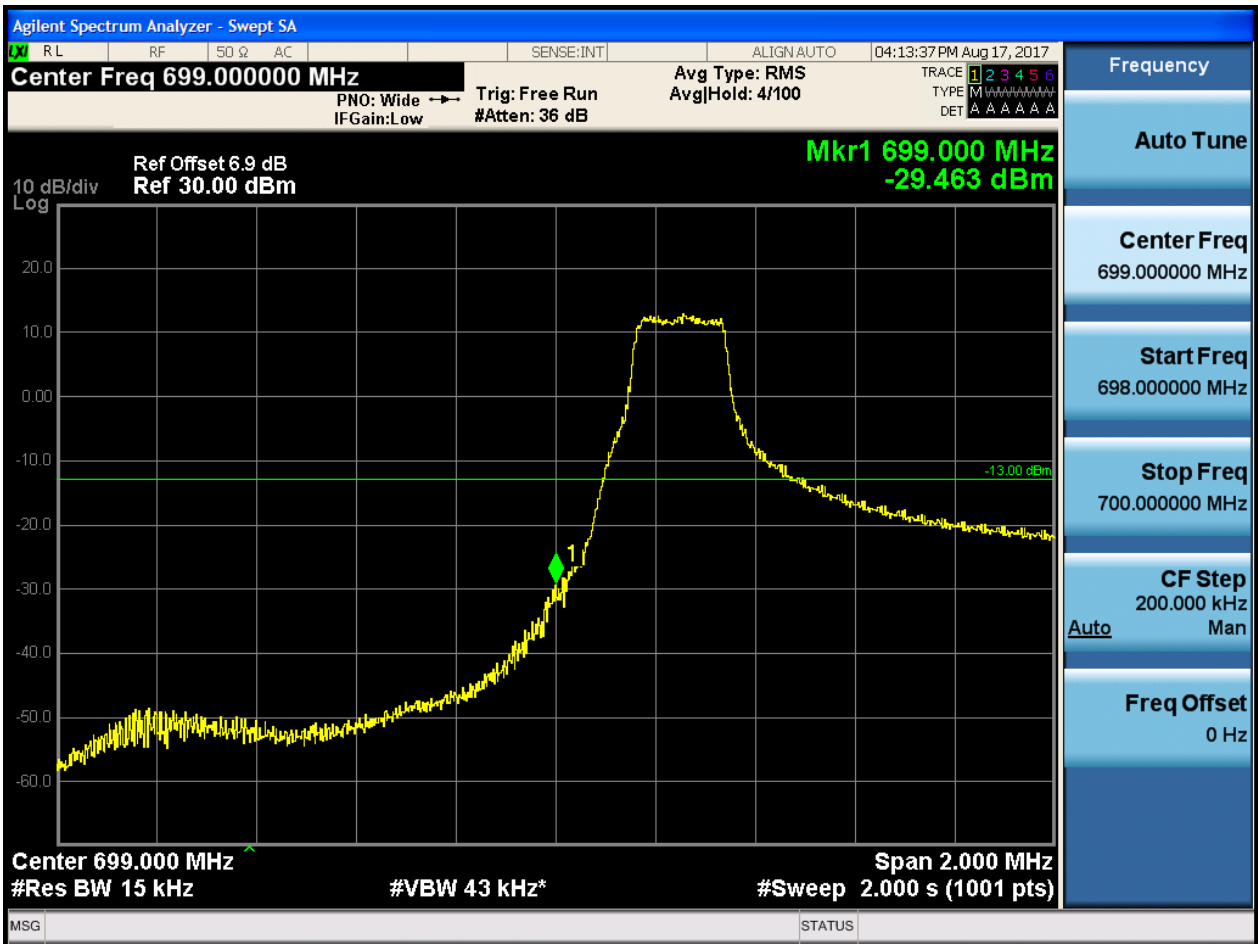


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

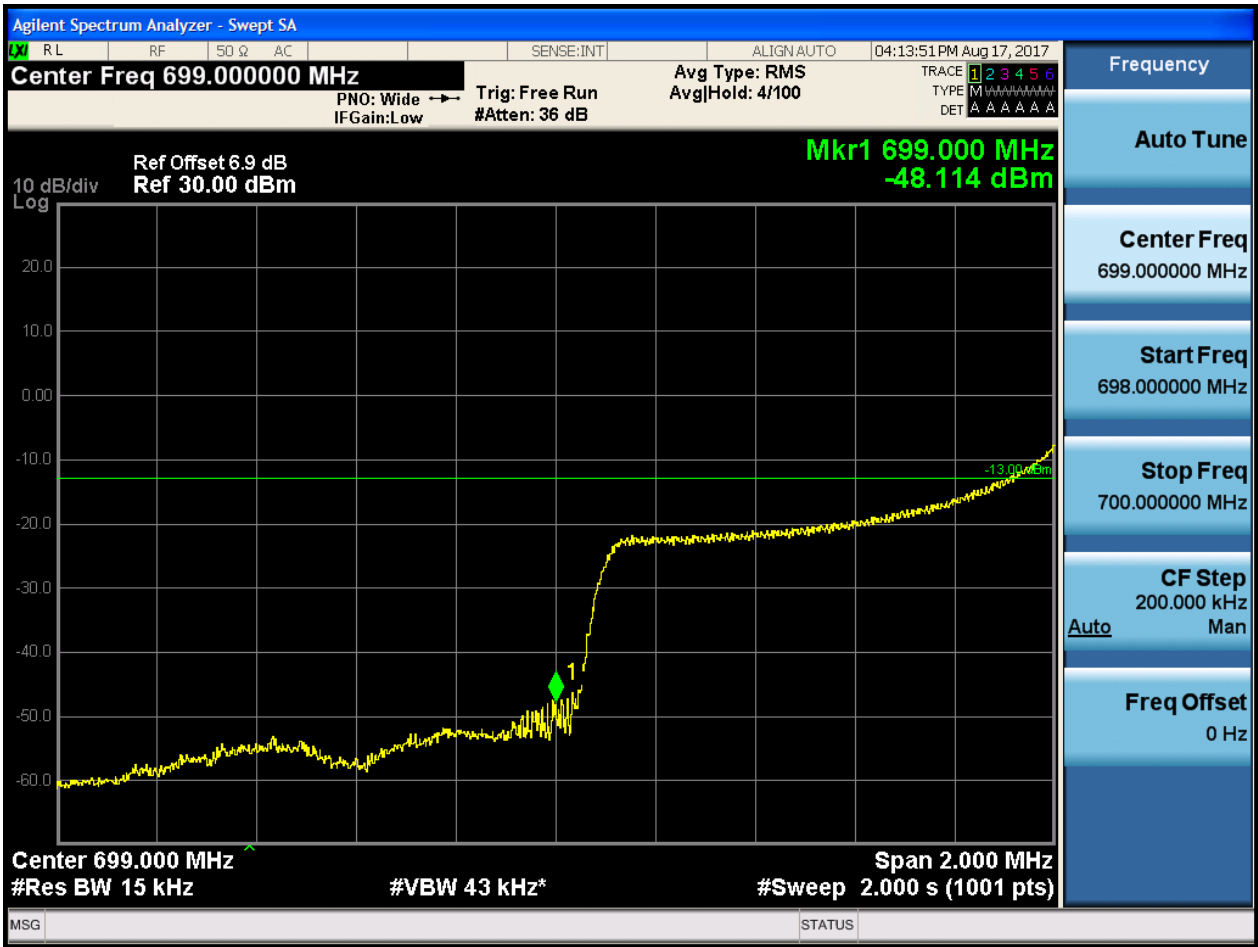
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



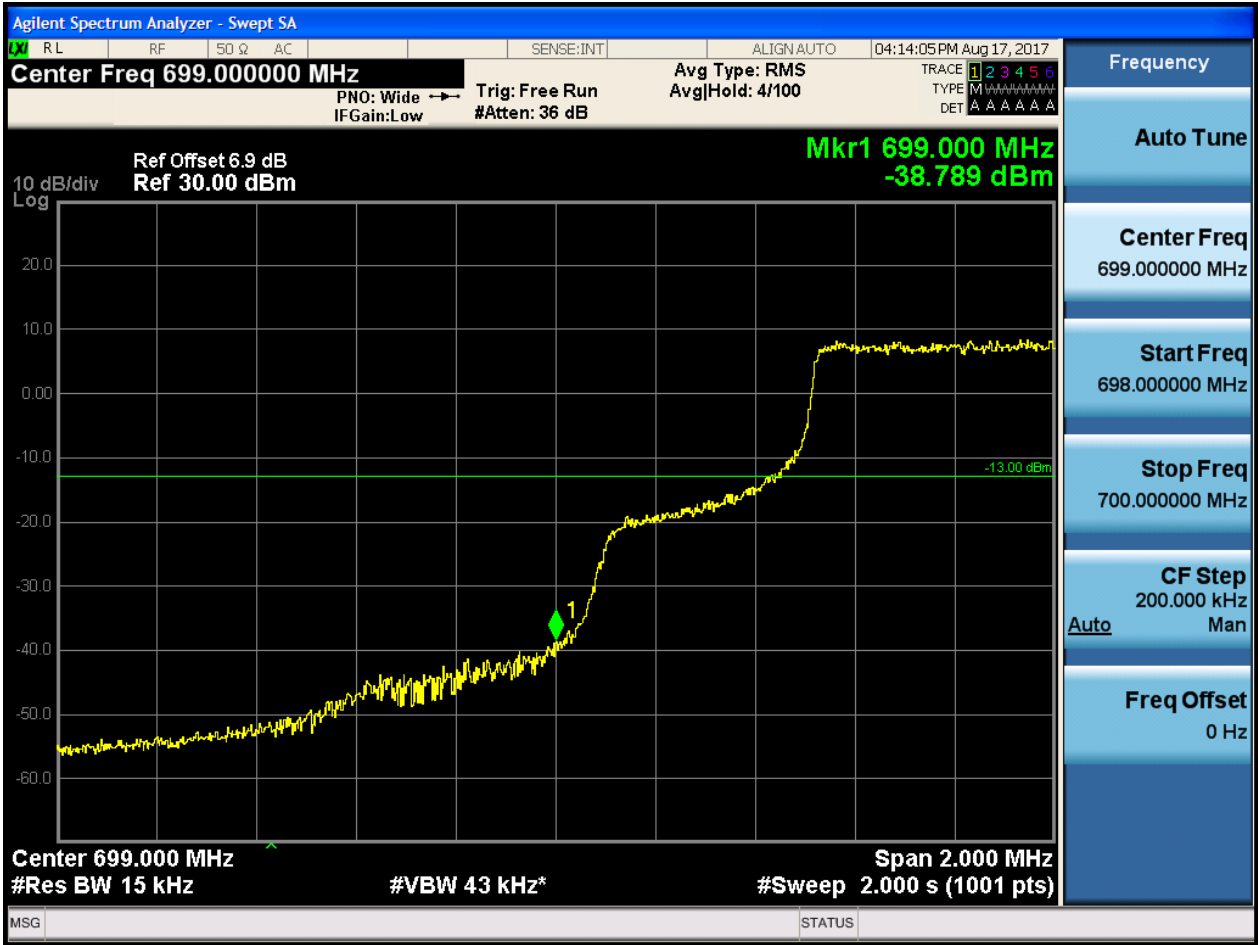


5.1.1.2.1.1.2 Test RB = RB1#5



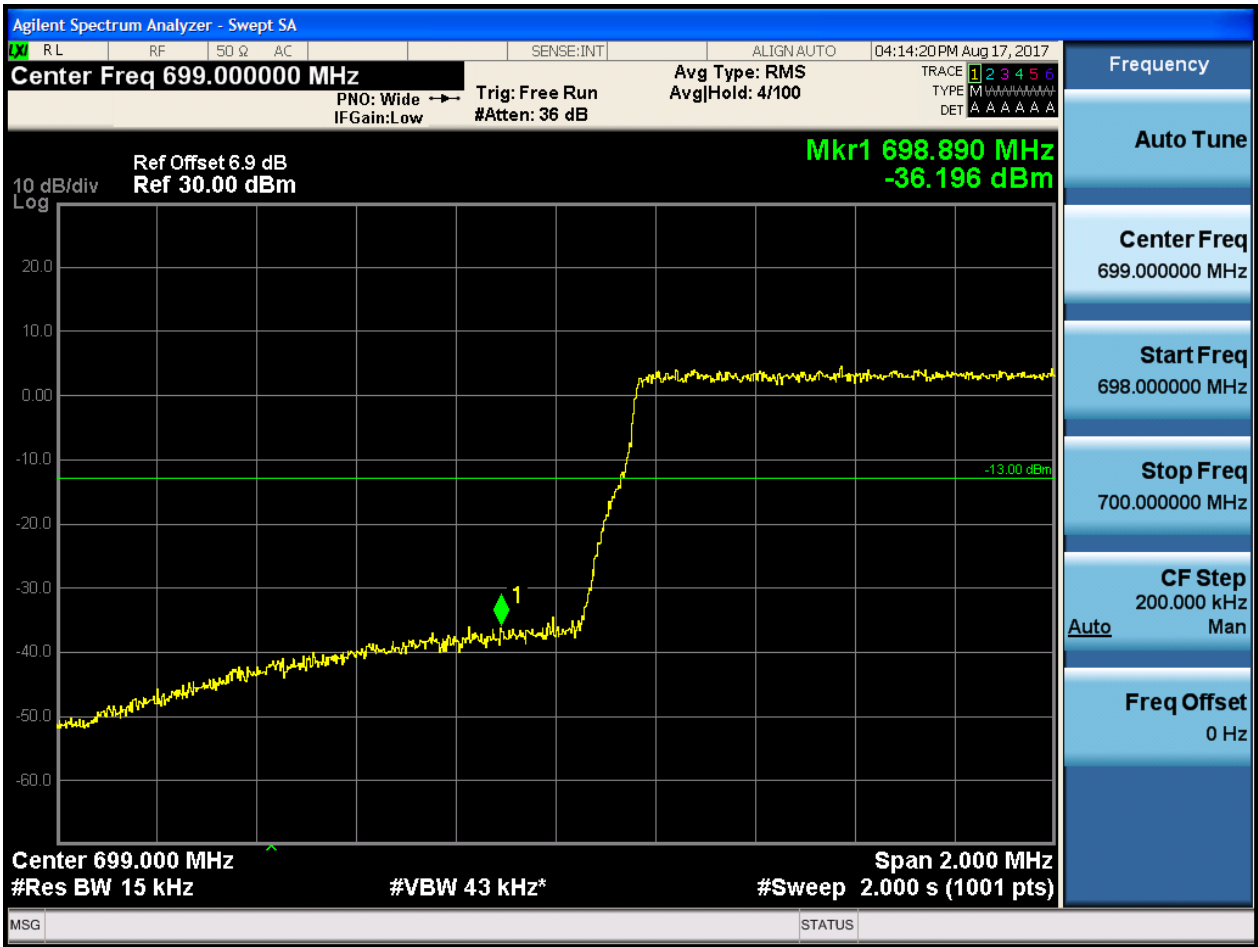


5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





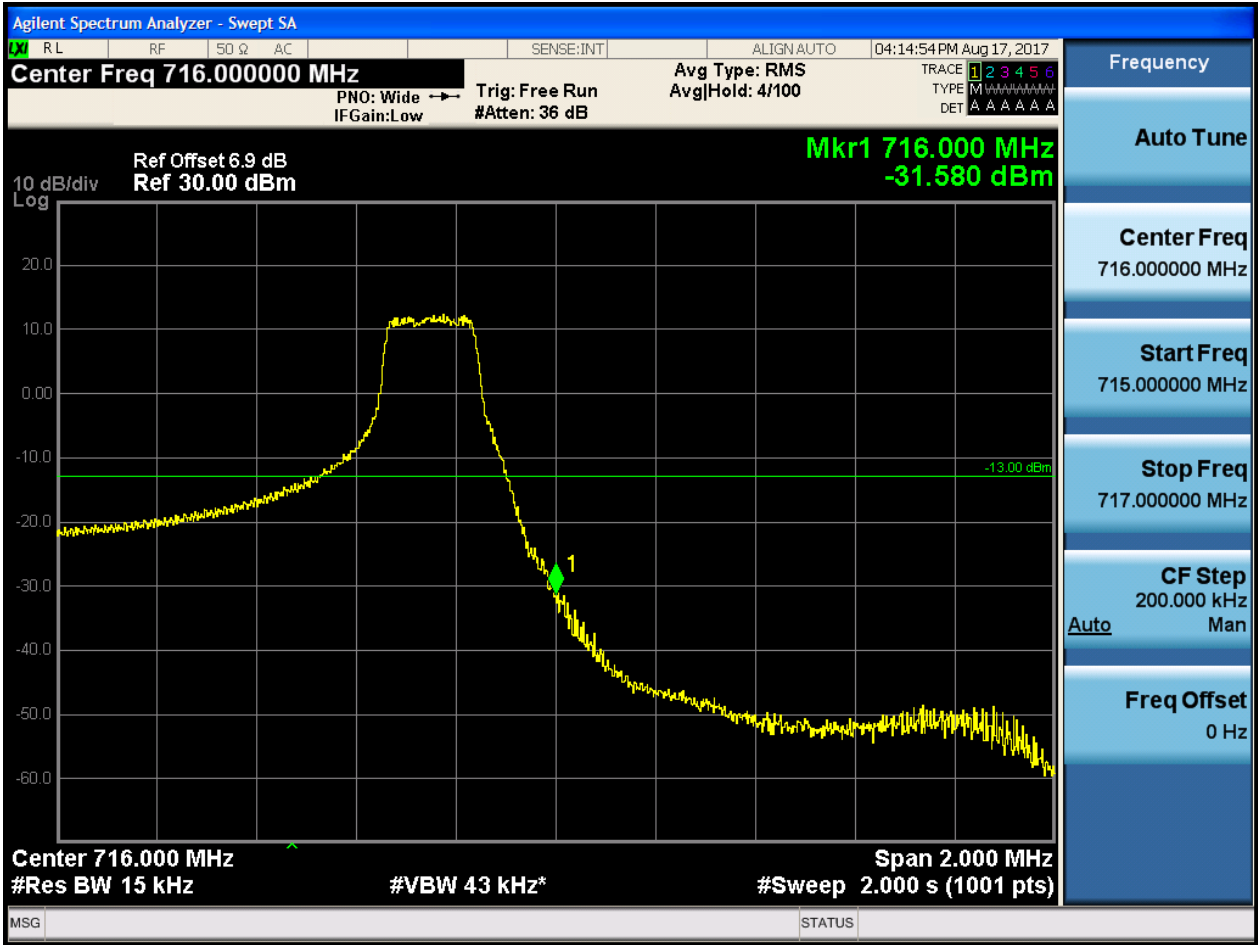
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5







5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

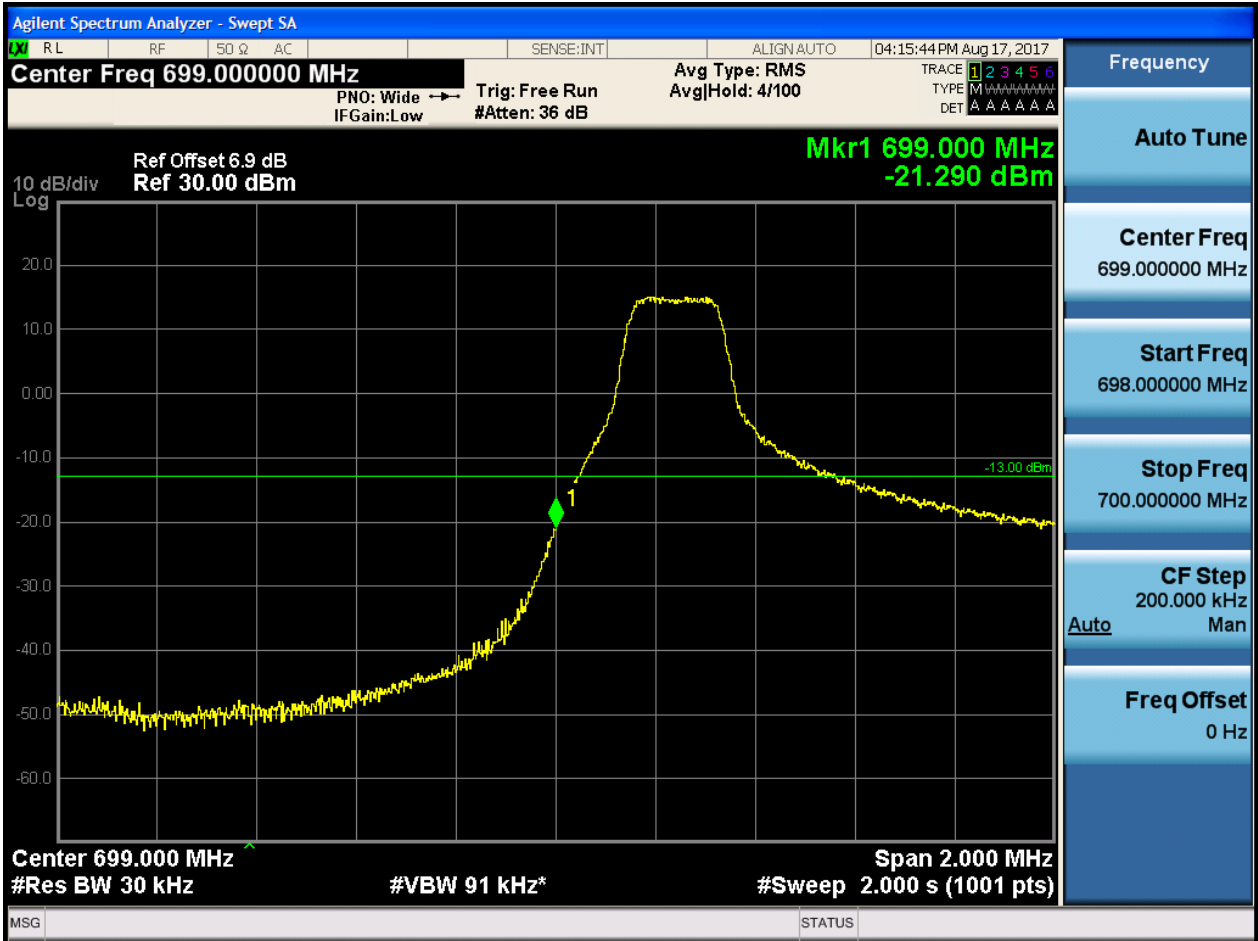




5.1.1.2.2 Test Bandwidth = 3

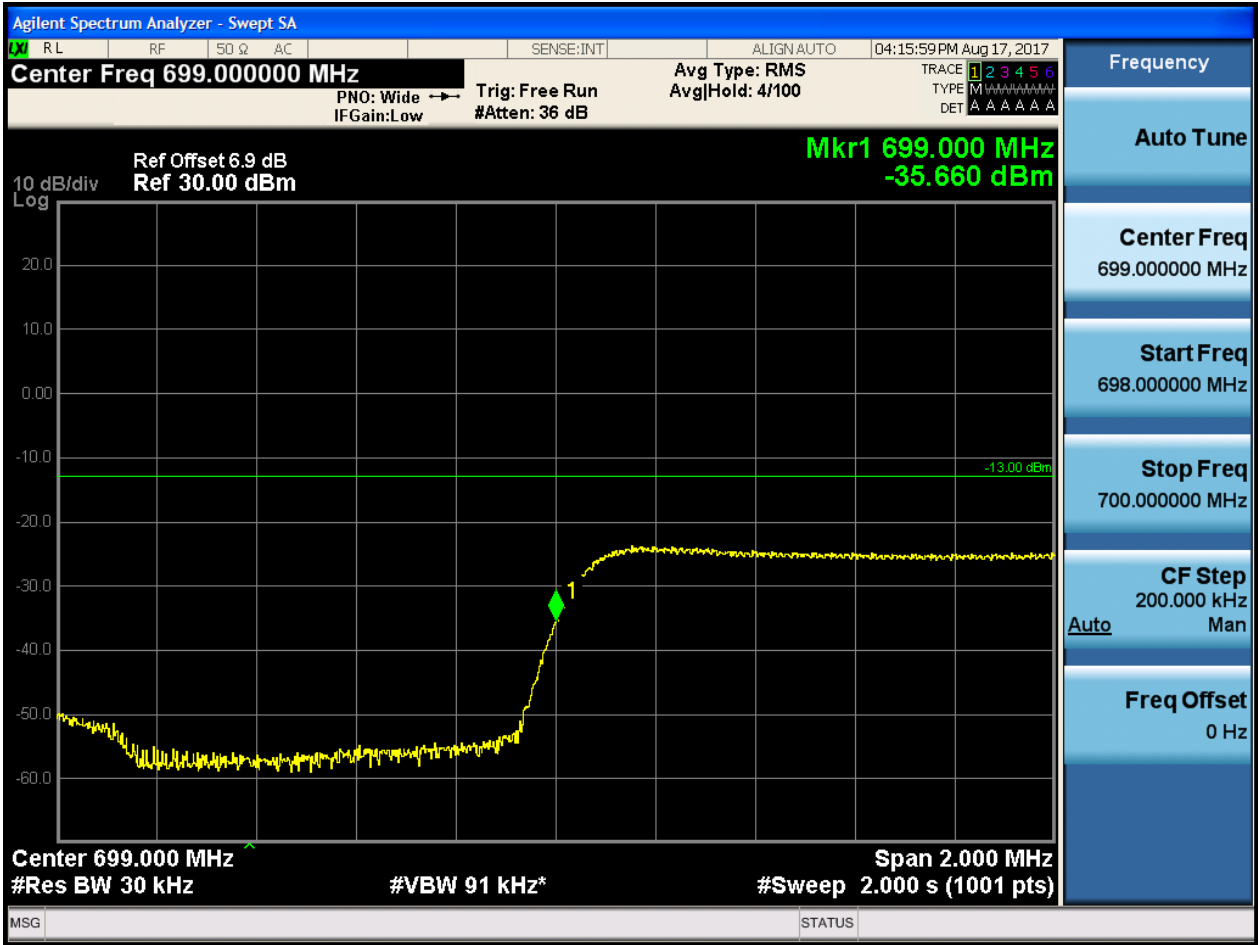
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



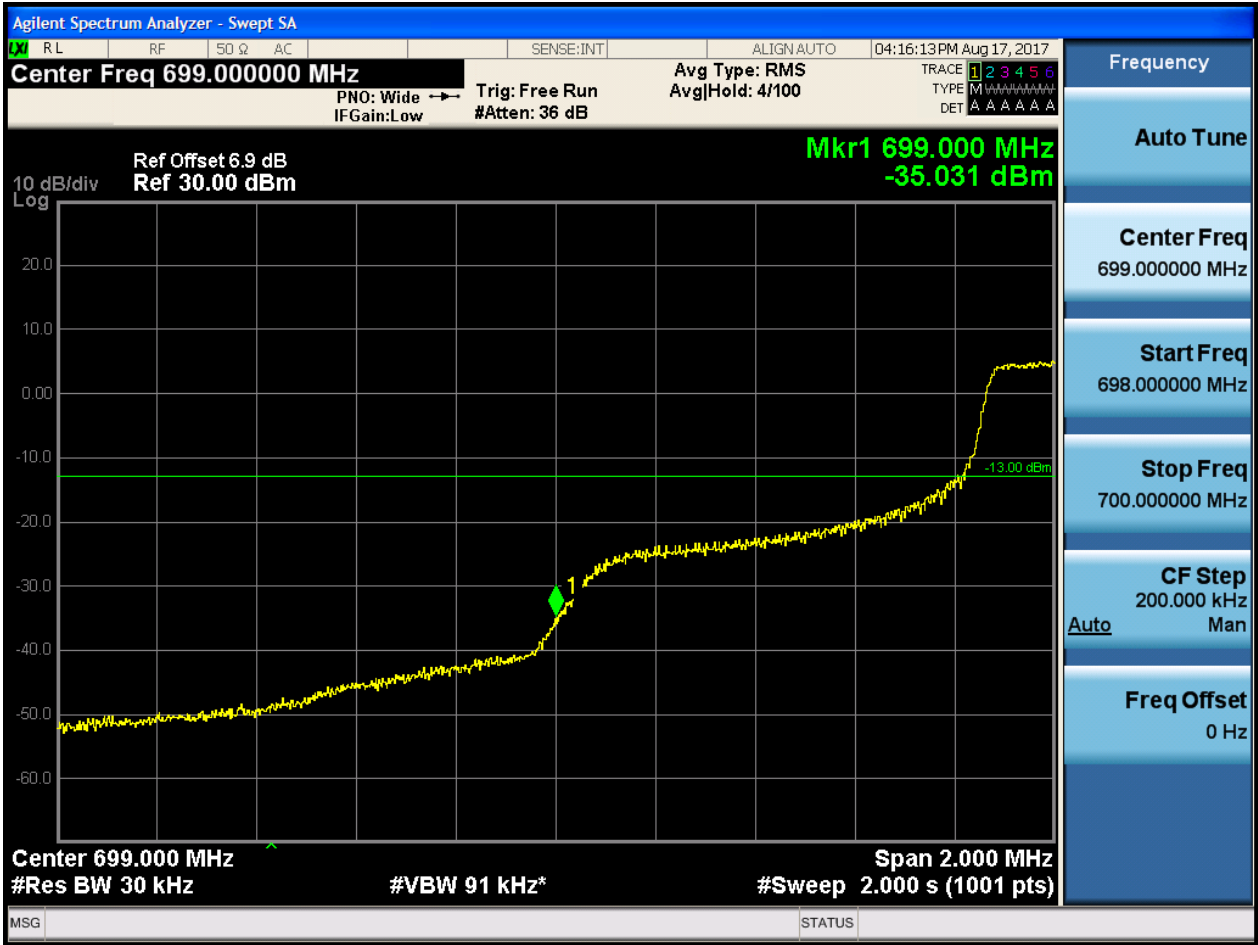


5.1.1.2.2.1.2 Test RB = RB1#14



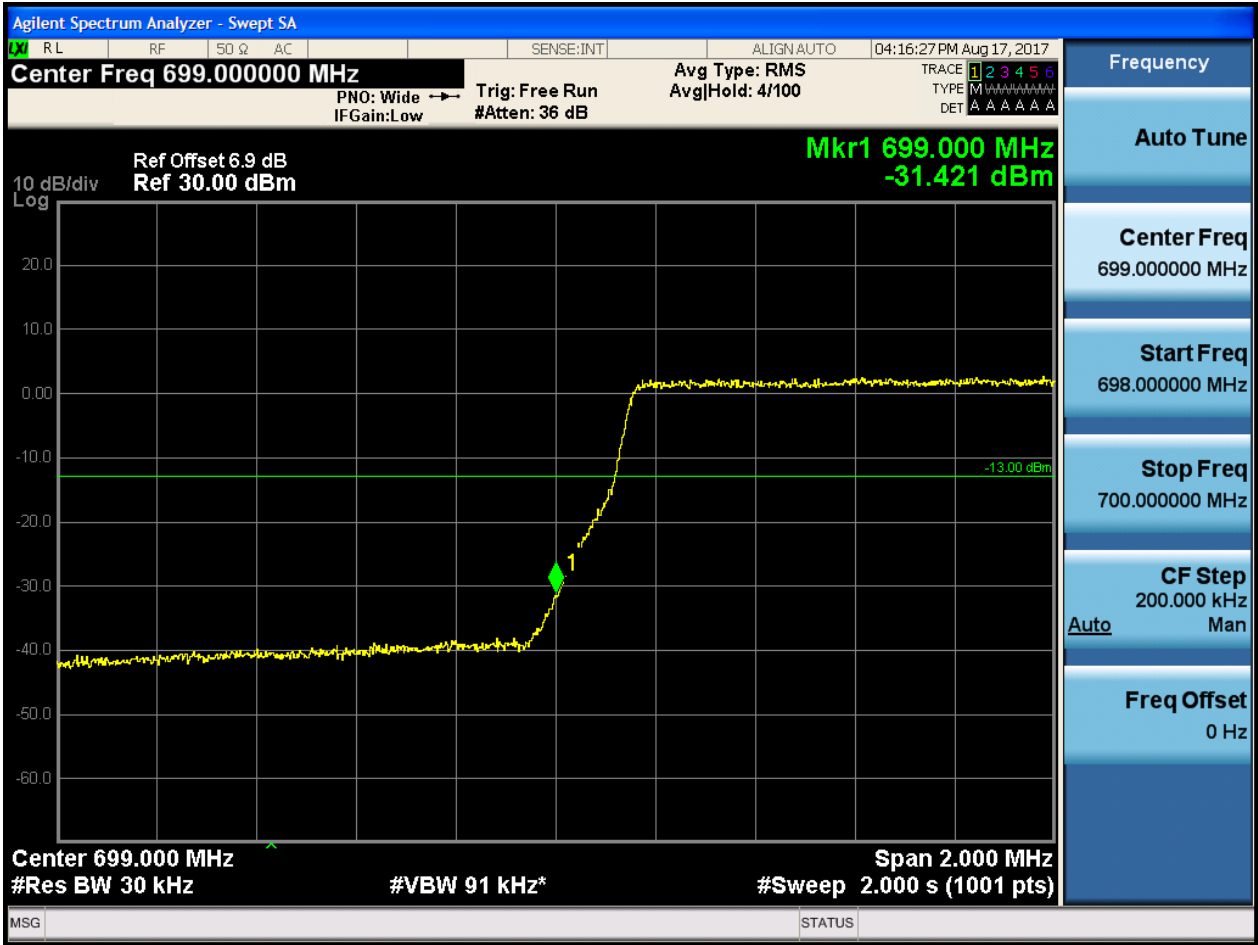


5.1.1.2.2.1.3 Test RB = RB8#4





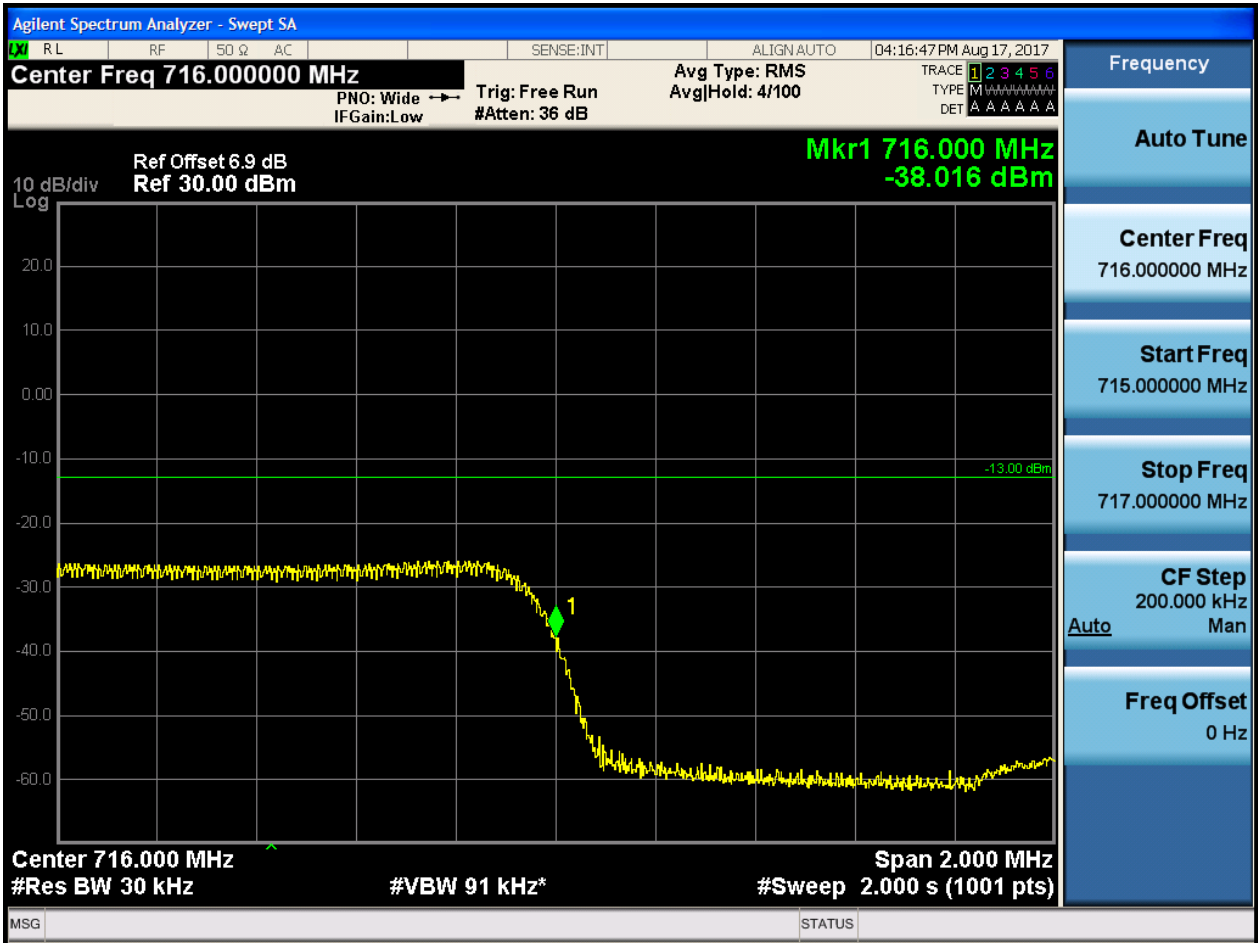
5.1.1.2.2.1.4 Test RB = RB15#0





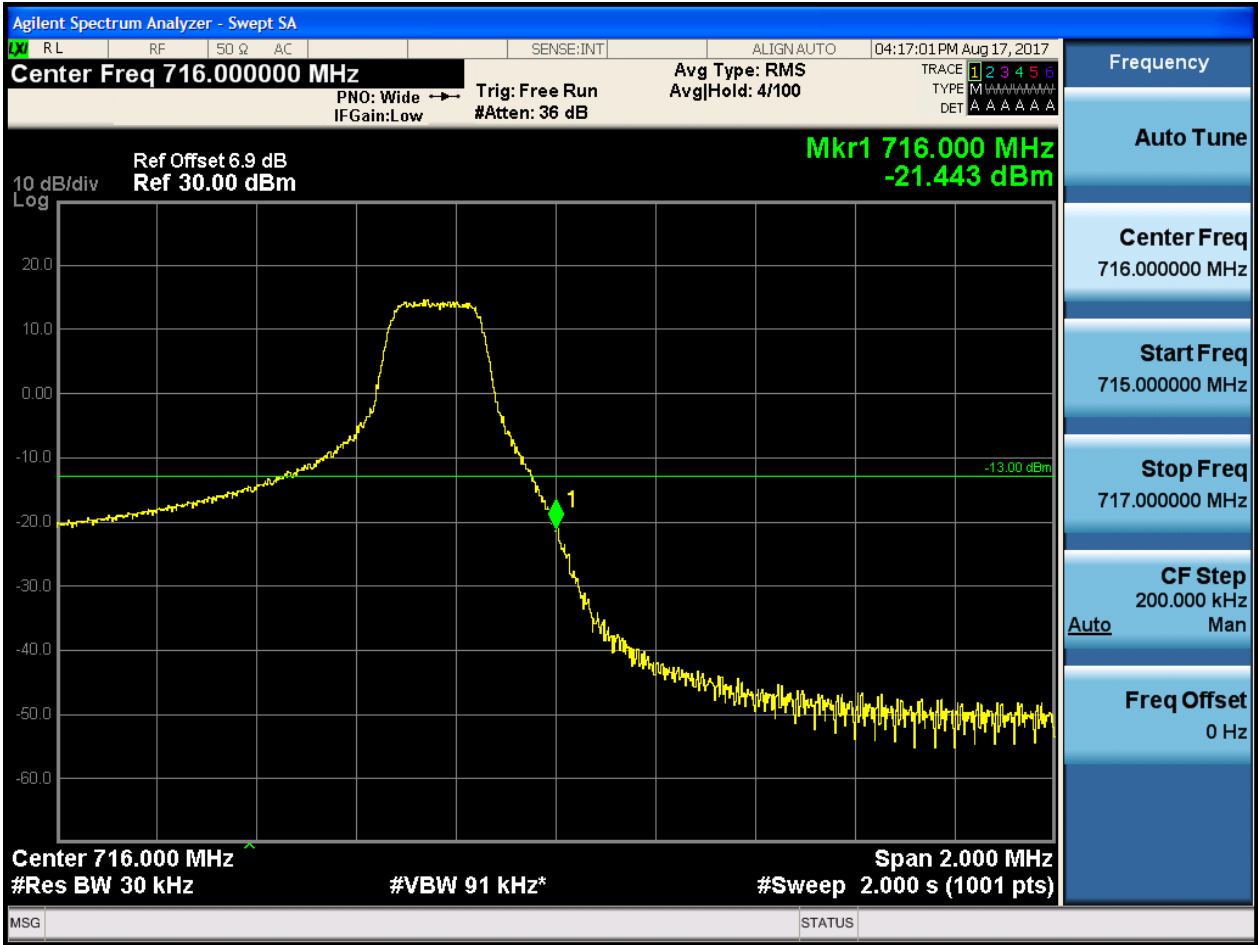
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14







5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

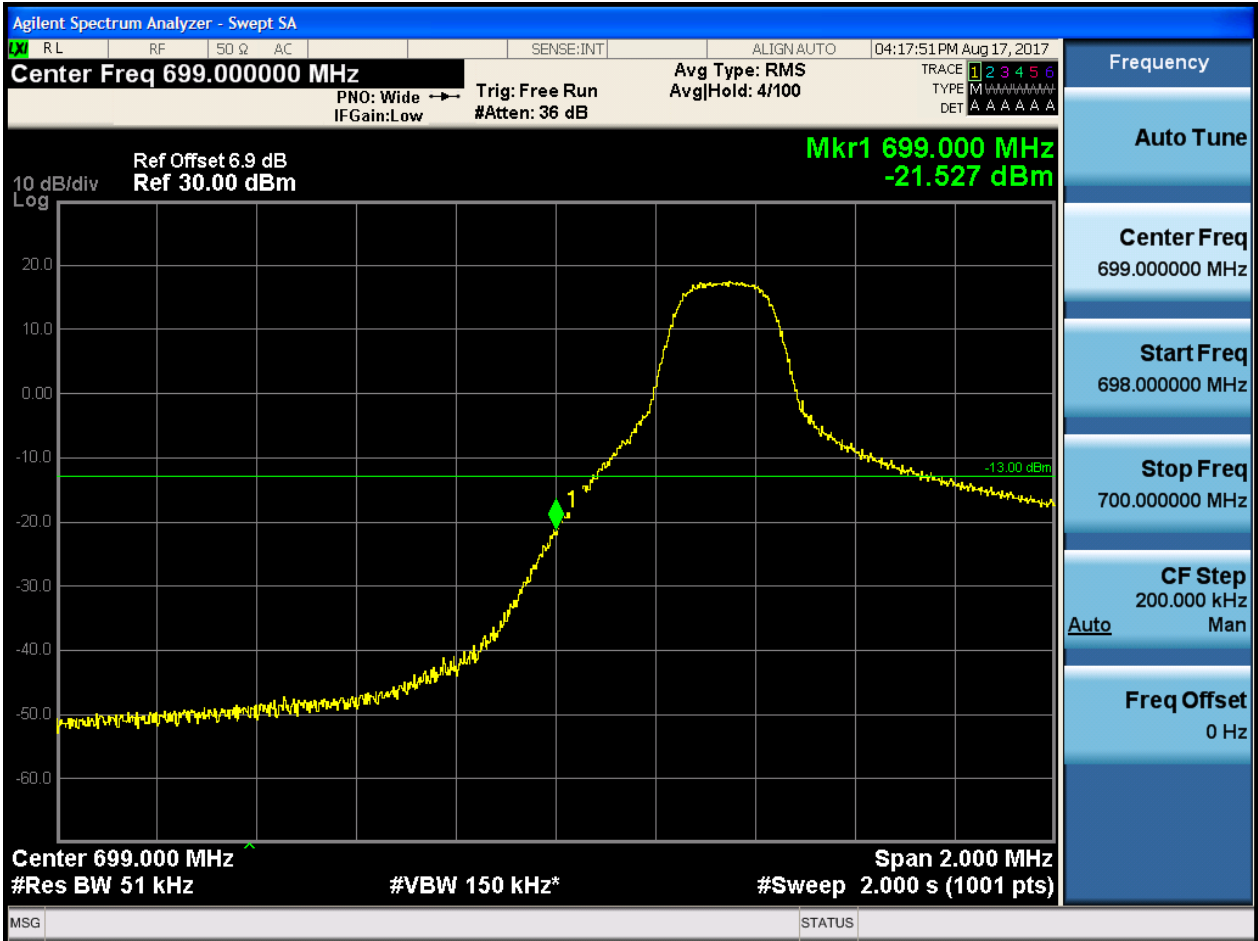




5.1.1.2.3 Test Bandwidth = 5

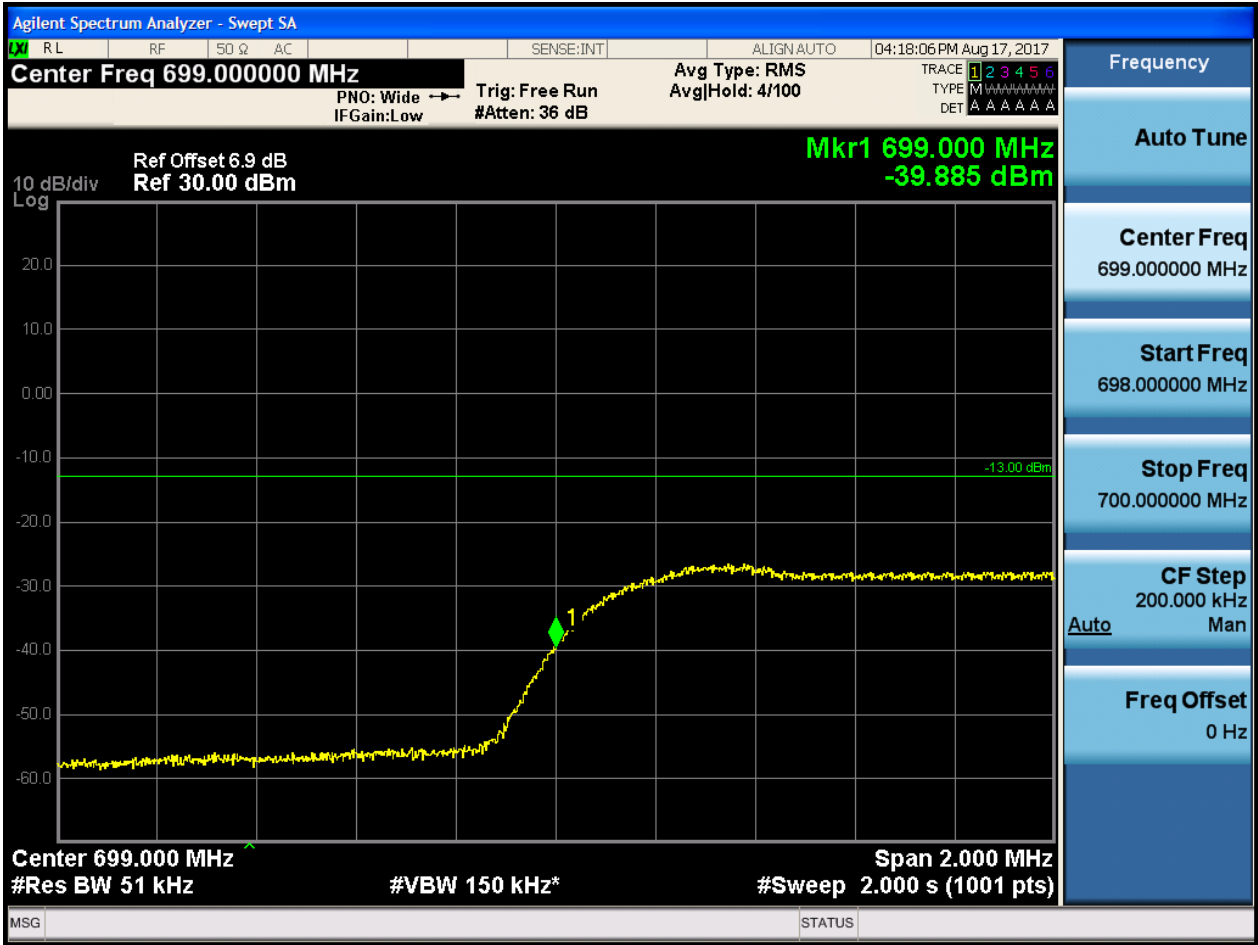
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24



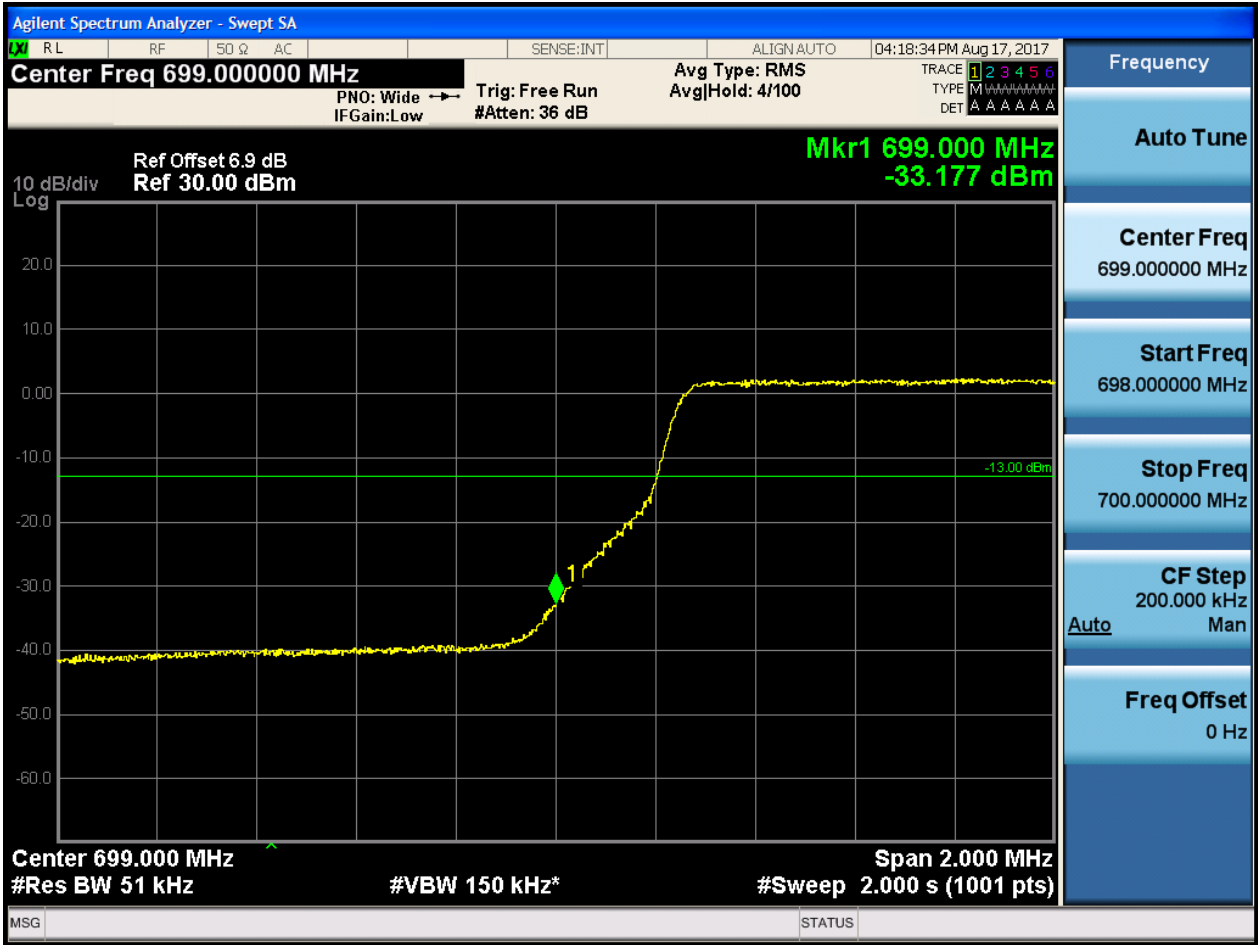


5.1.1.2.3.1.3 Test RB = RB12#6





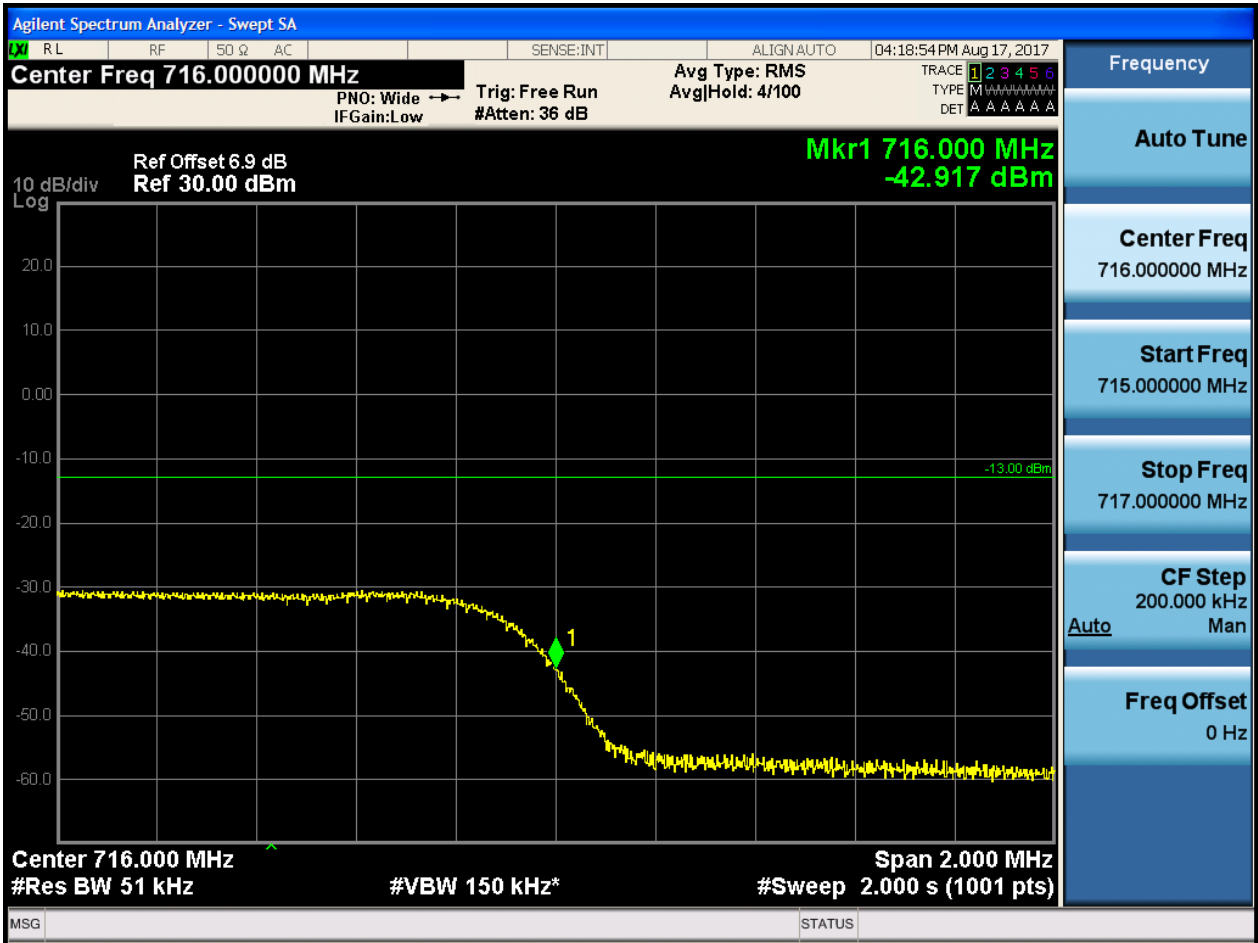
5.1.1.2.3.1.4 Test RB = RB25#0





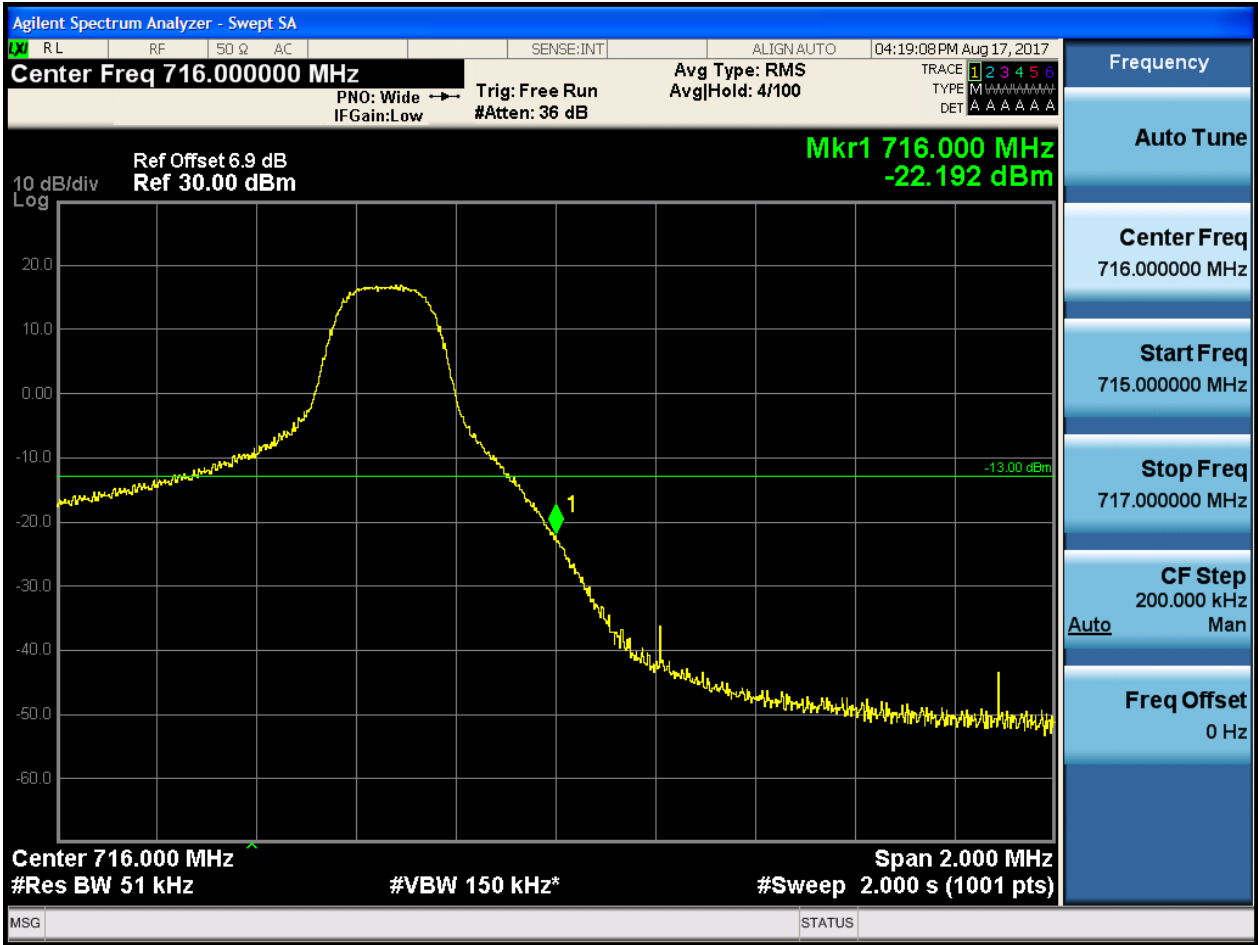
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#24







5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0

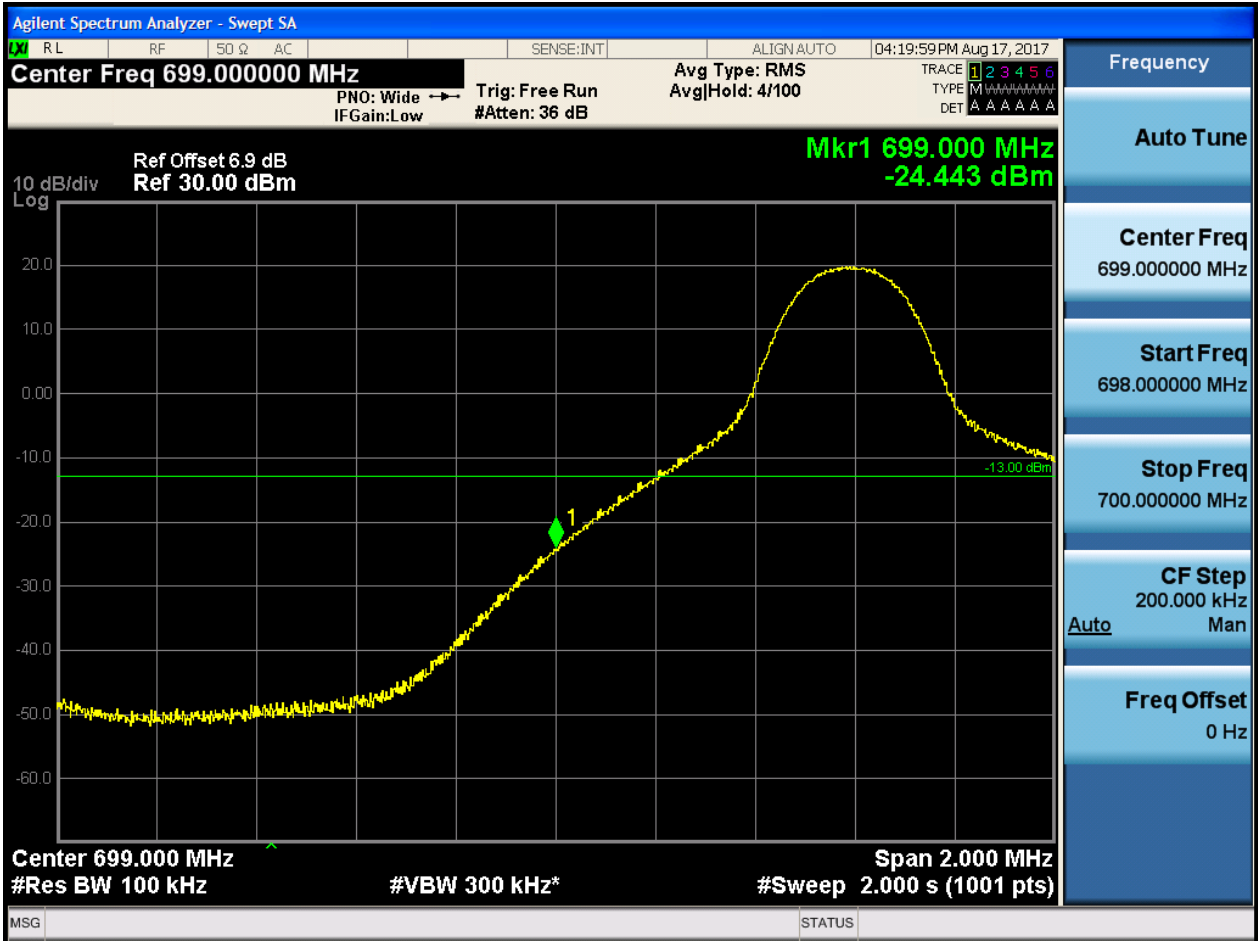




5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



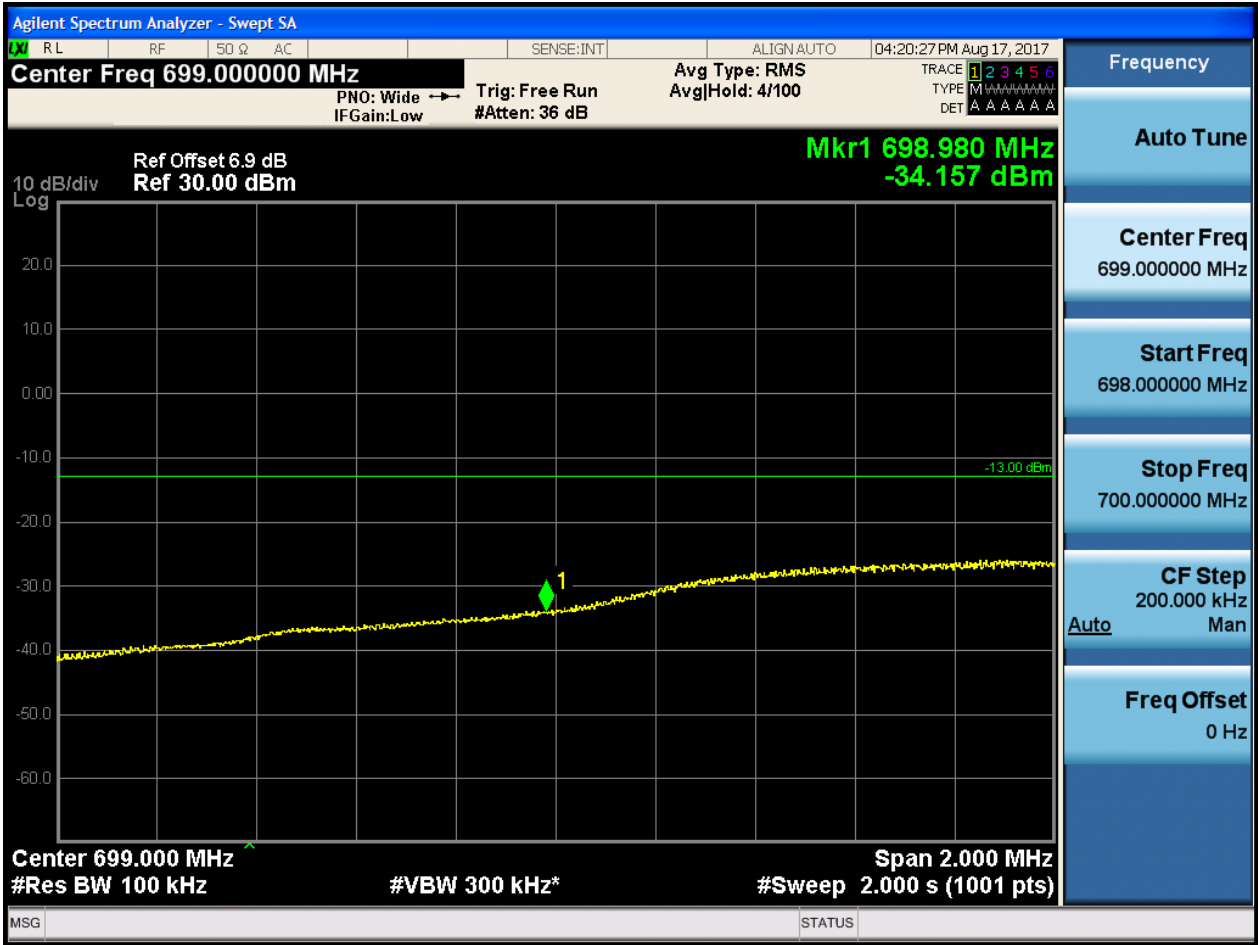


5.1.1.2.4.1.2 Test RB = RB1#49



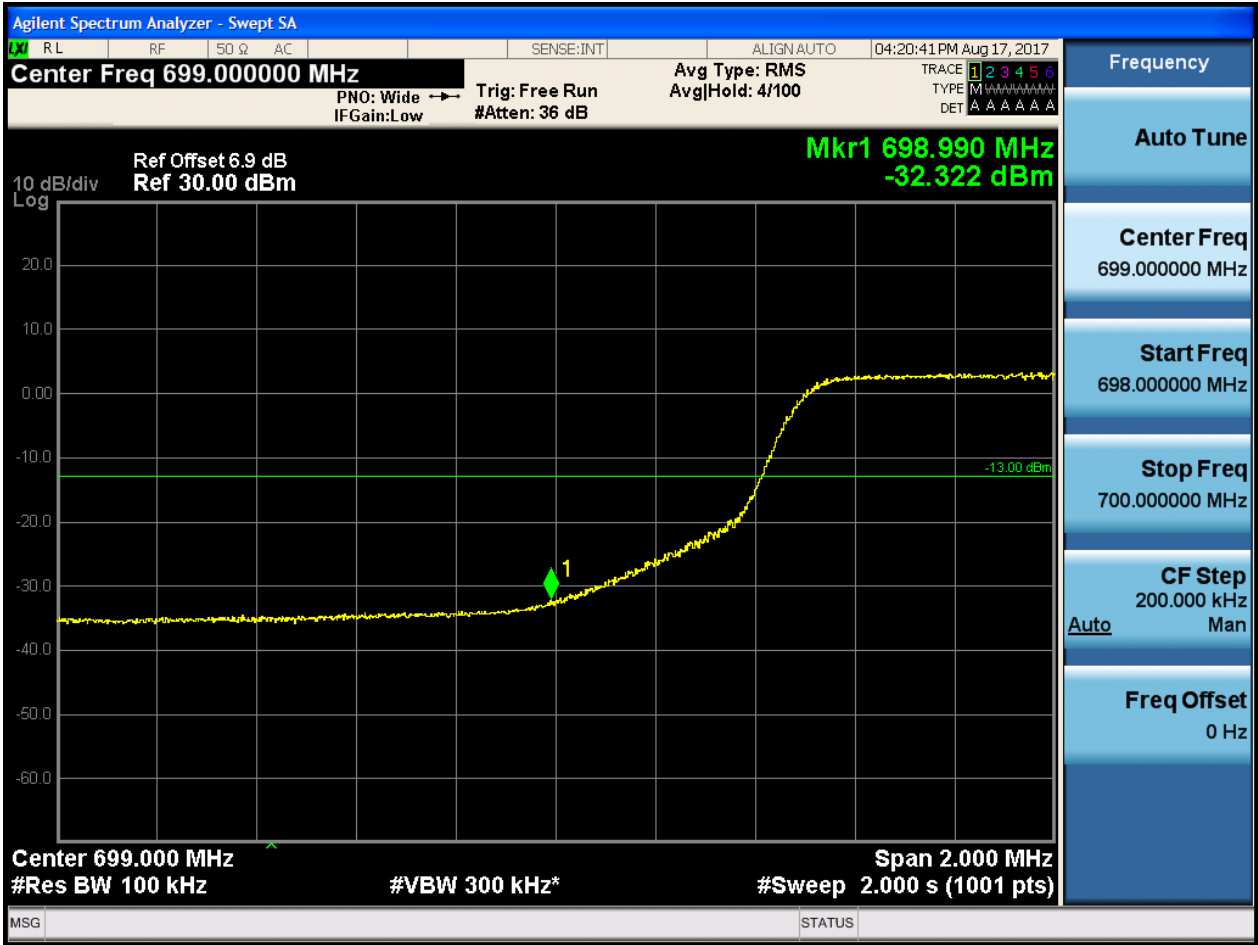


5.1.1.2.4.1.3 Test RB = RB25#13





5.1.1.2.4.1.4 Test RB = RB50#0





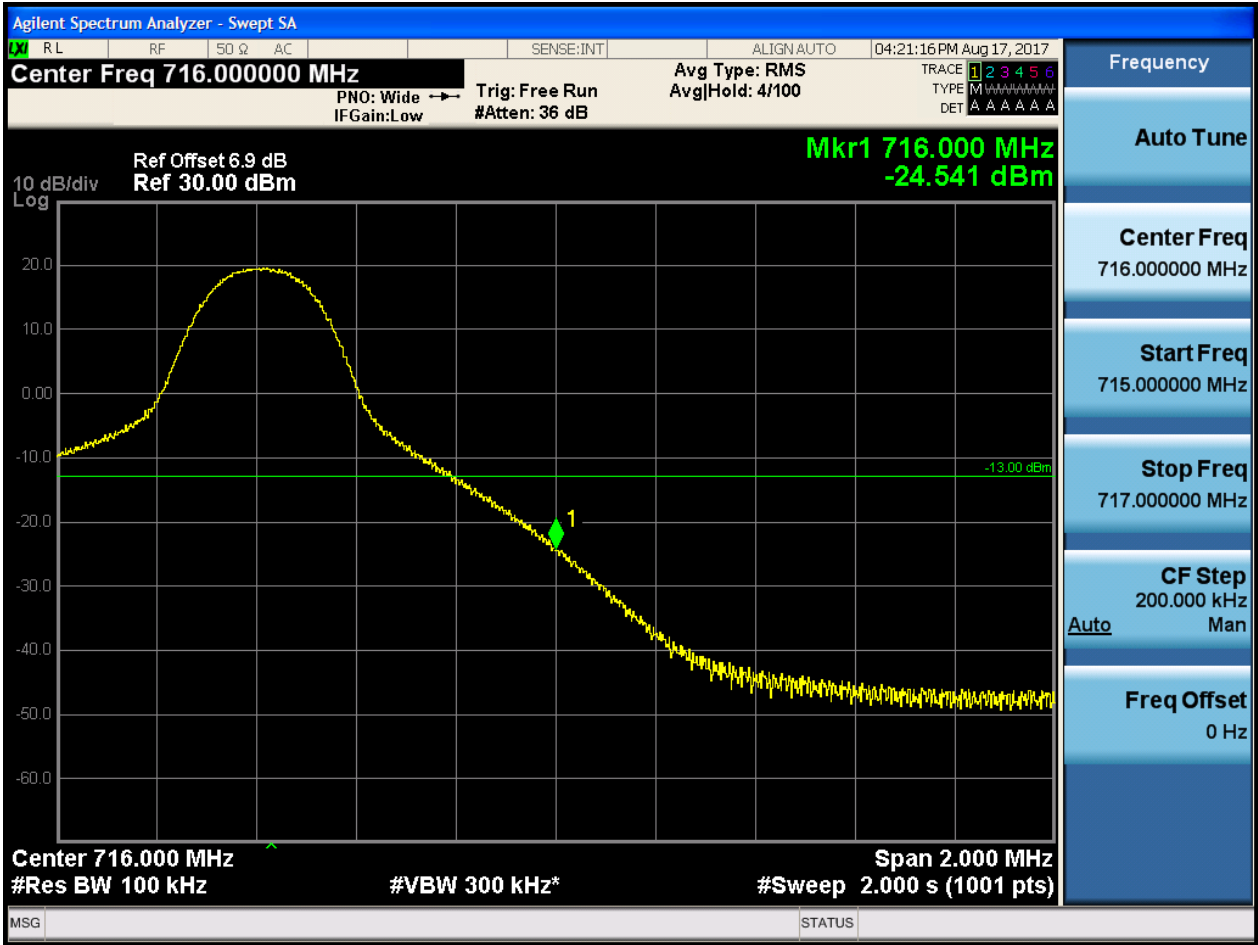
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0





5.1.1.2.4.2.2 Test RB = RB1#49





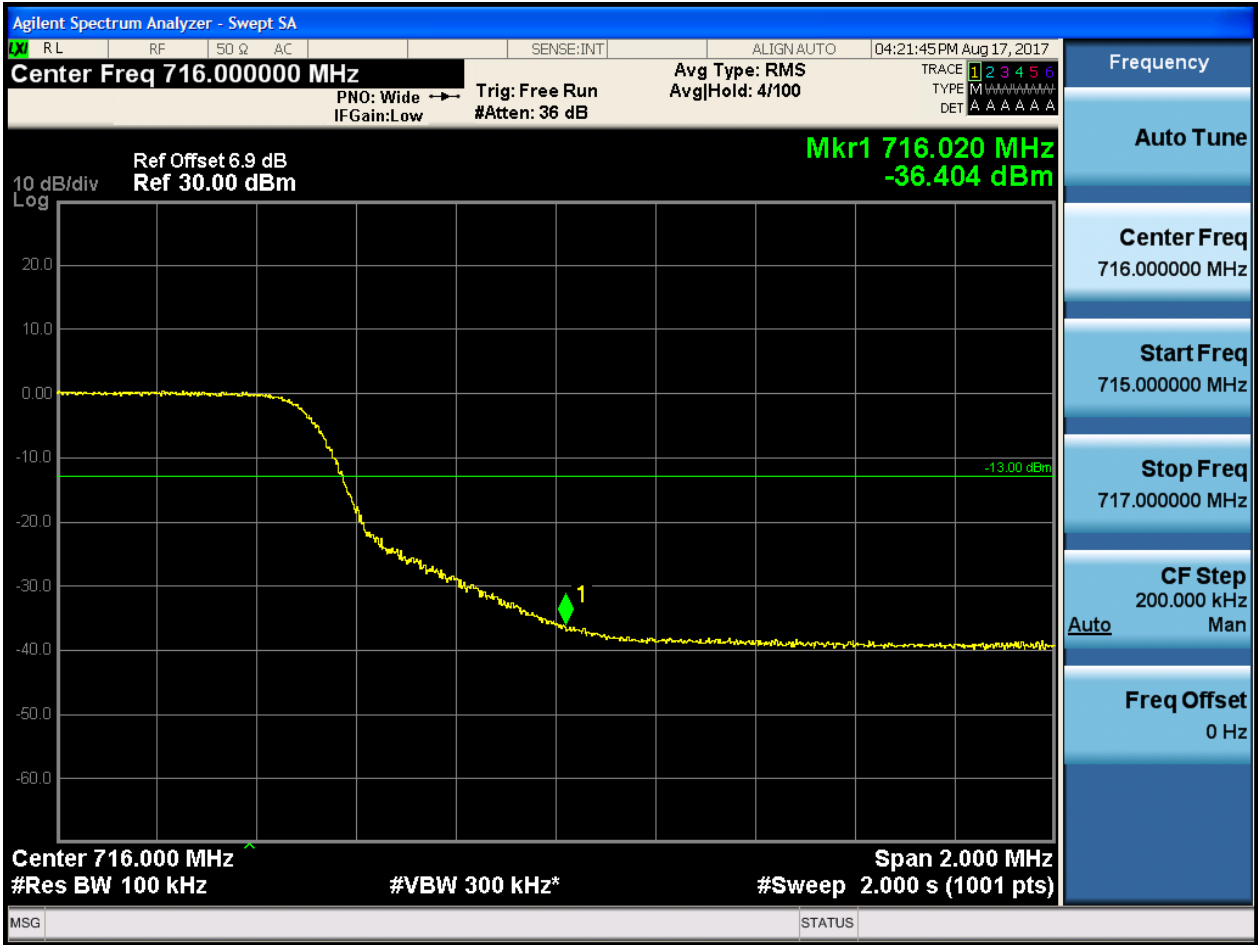


5.1.1.2.4.2.3 Test RB = RB25#13





5.1.1.2.4.2.4 Test RB = RB50#0





## 6Appendix\_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

### Part I - Test Plots

#### 6.1 For LTE

##### 6.1.1 Test Band = BAND12

##### 6.1.1.1 Test Mode = LTE/TM1

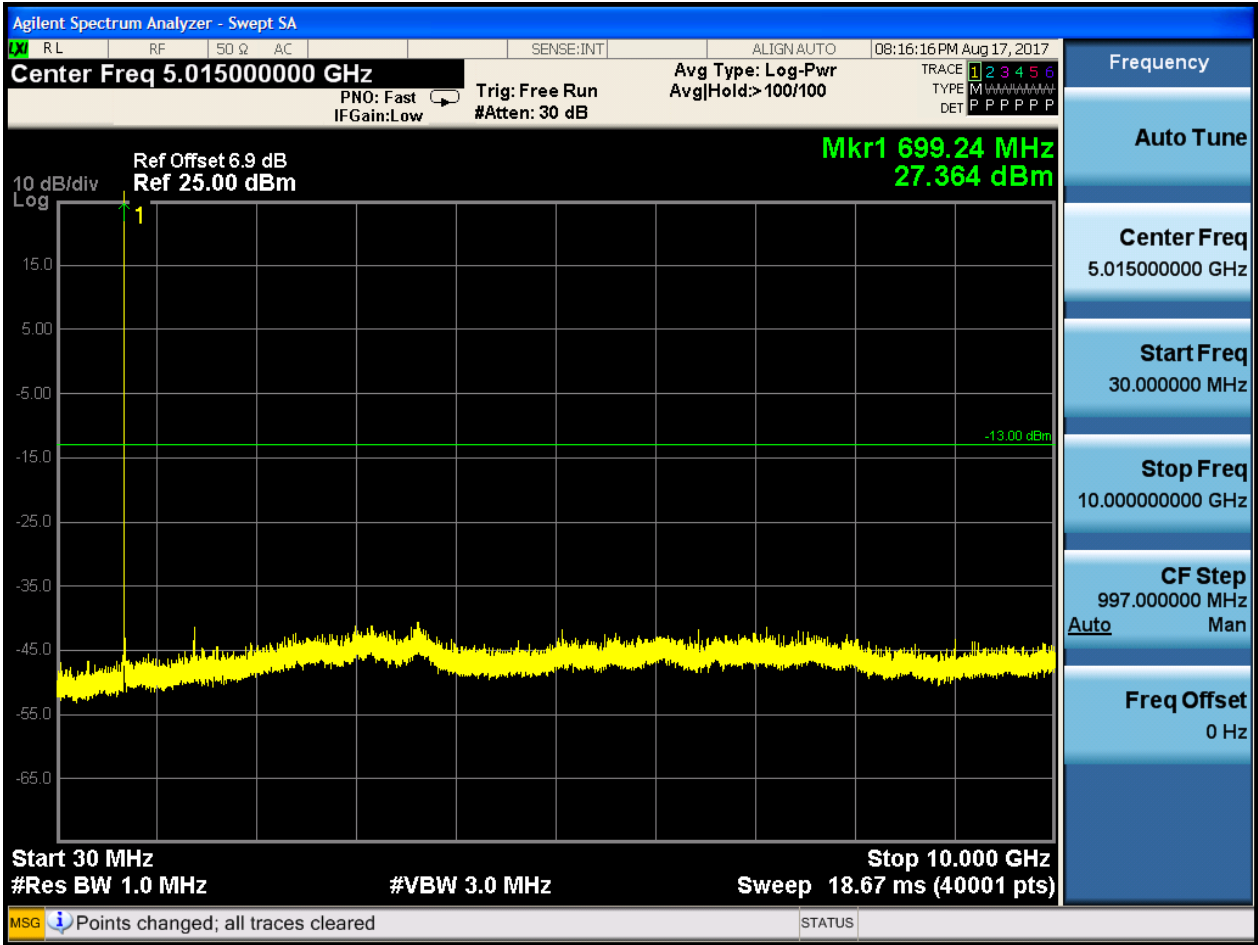
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 6.1.1.1.1.1 Test Channel = LCH

##### 6.1.1.1.1.1.1 Test RB = RB1#0



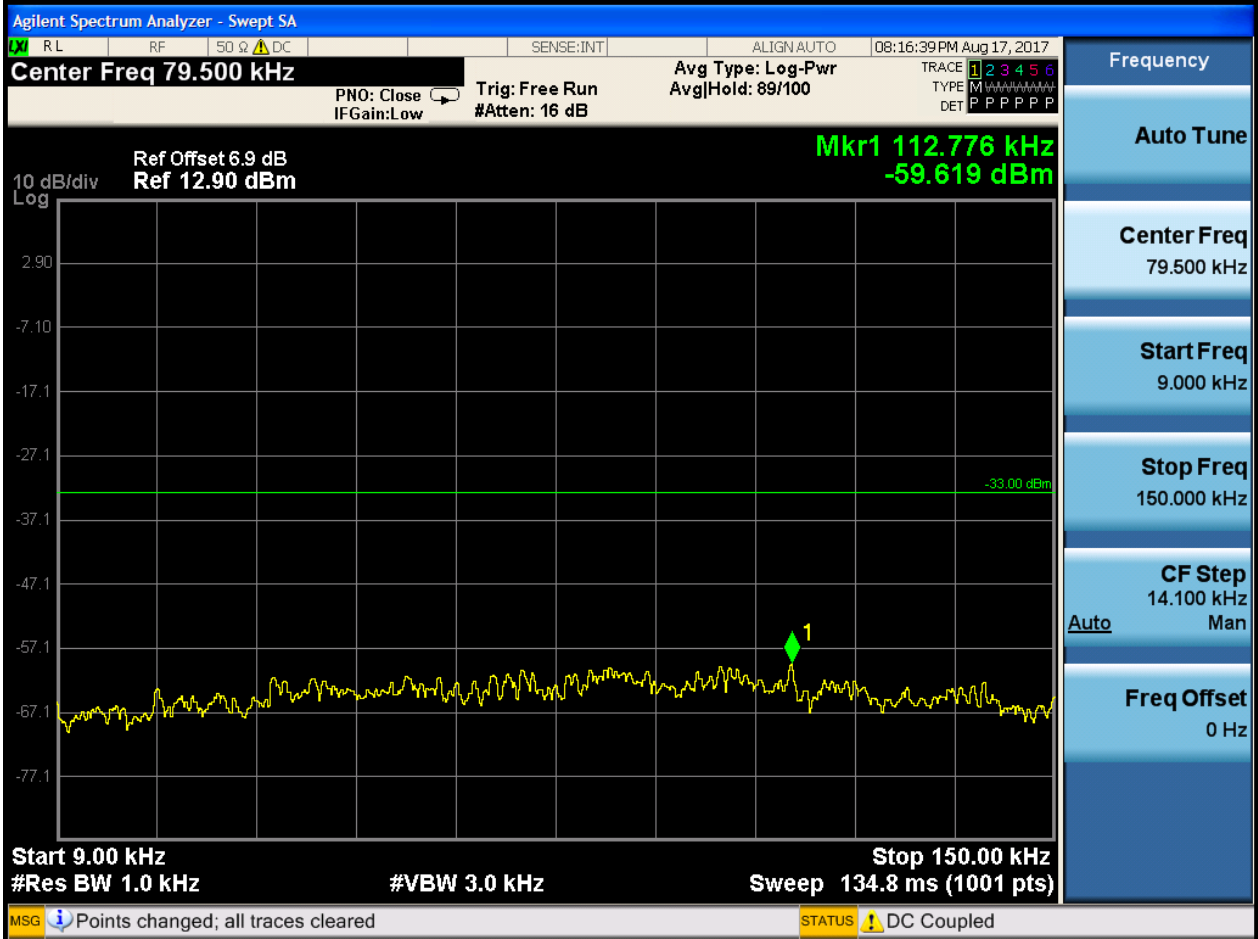






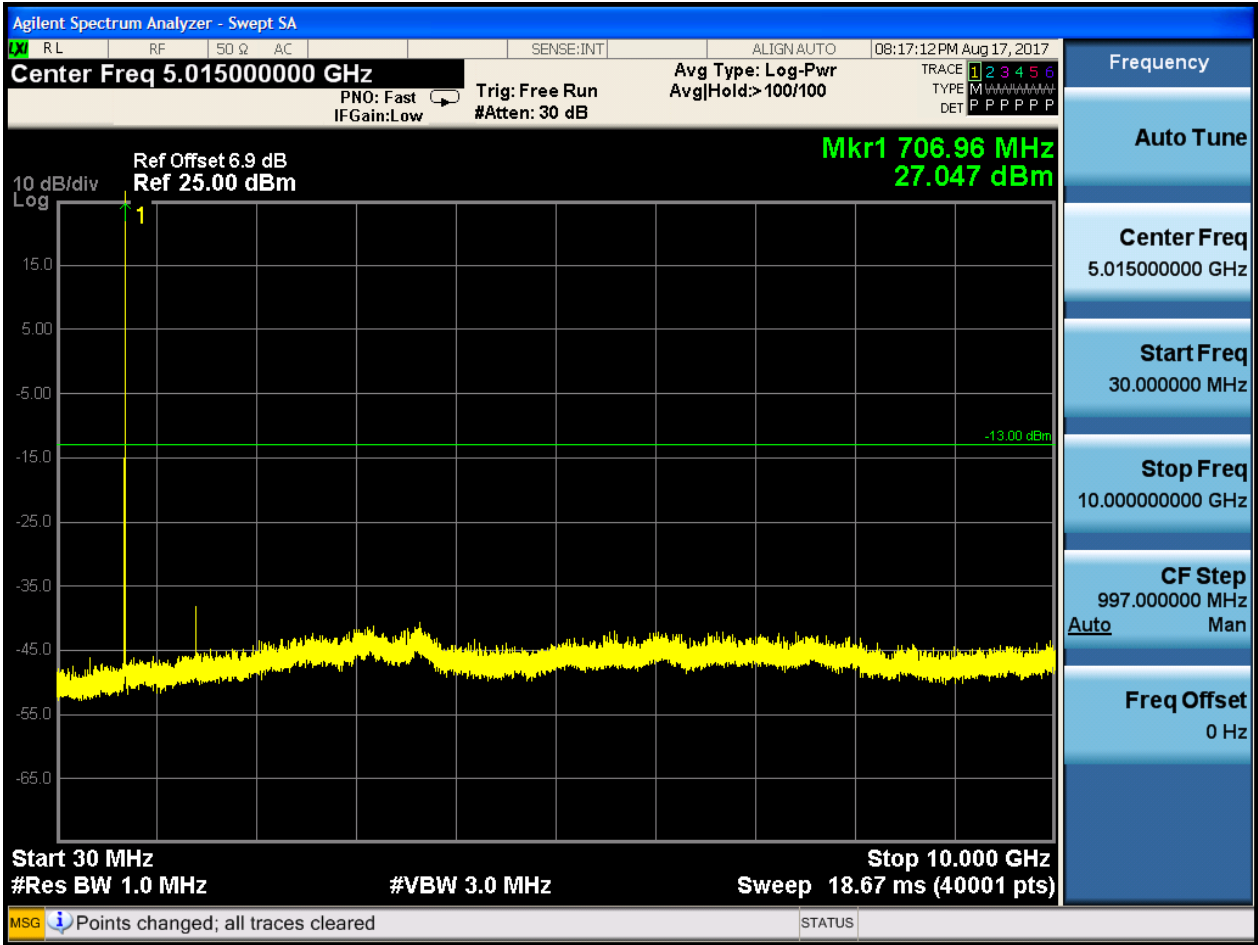
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0





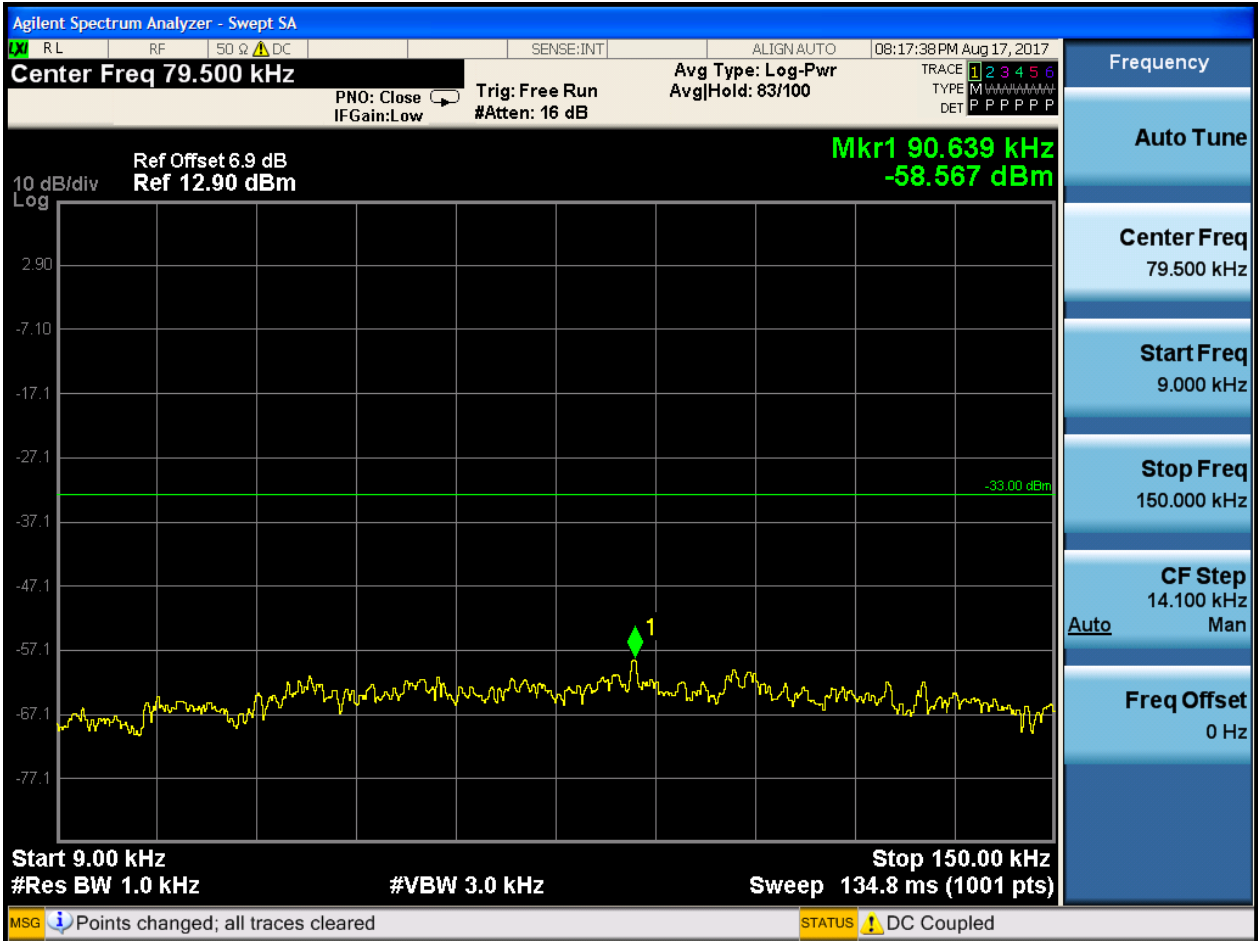




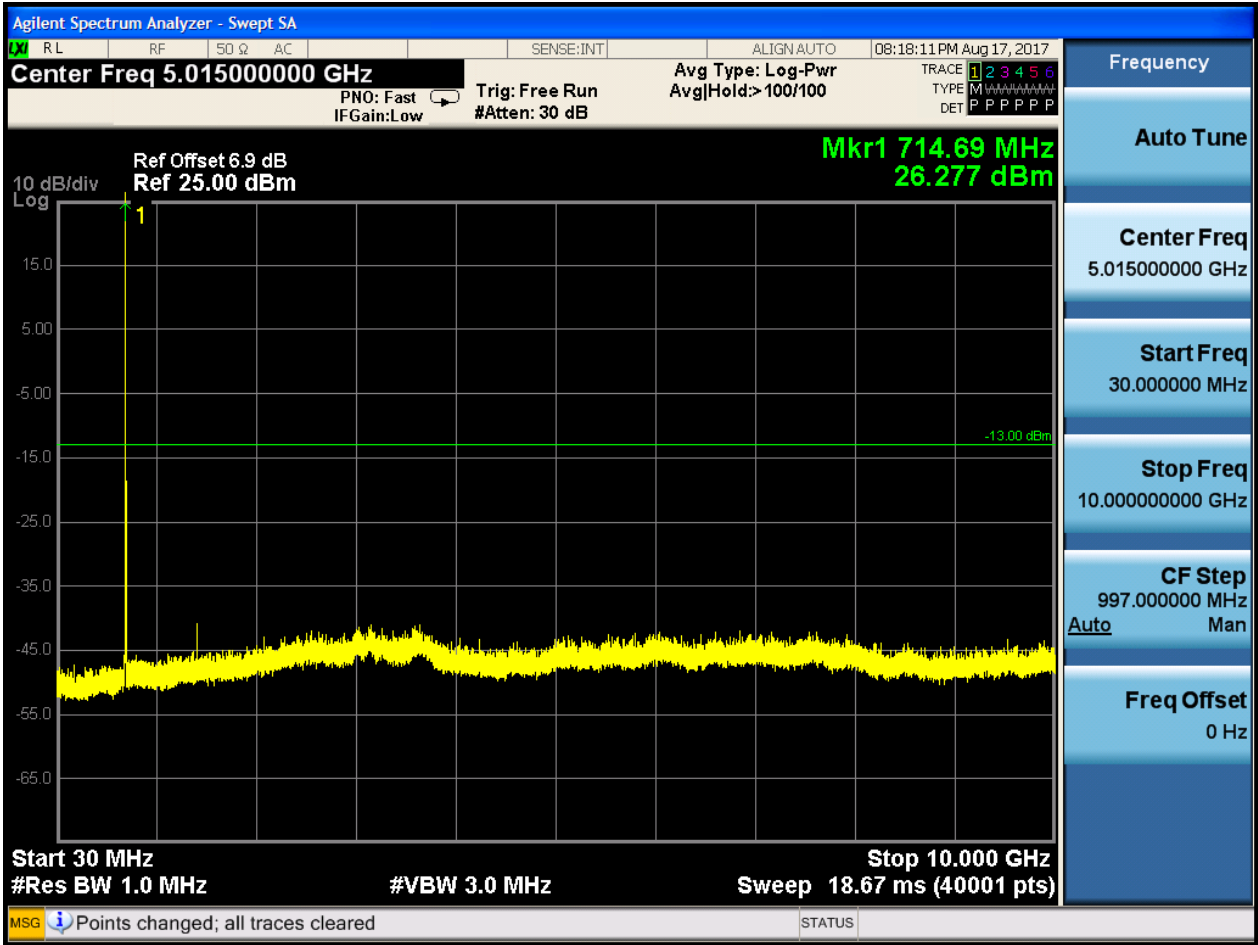


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





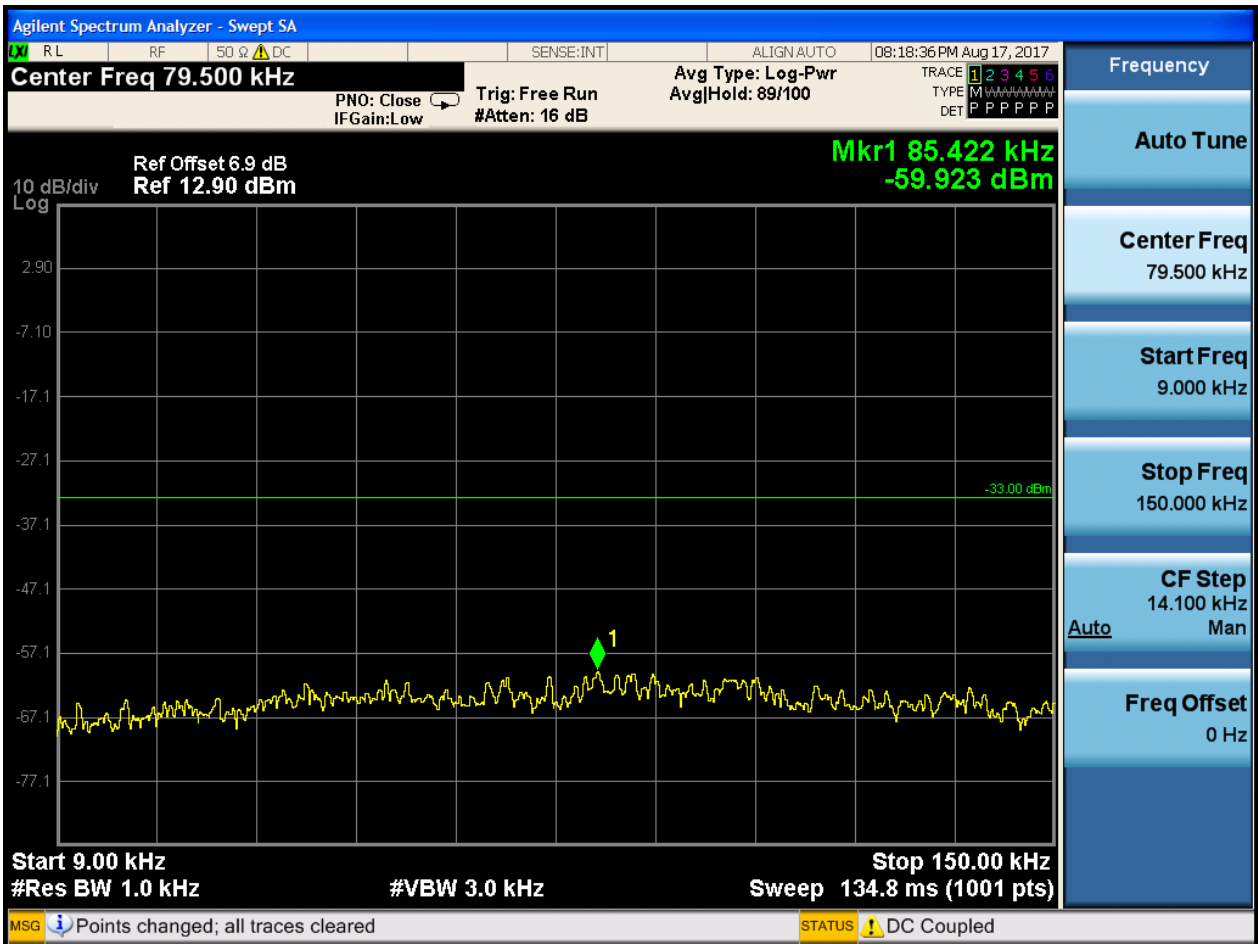




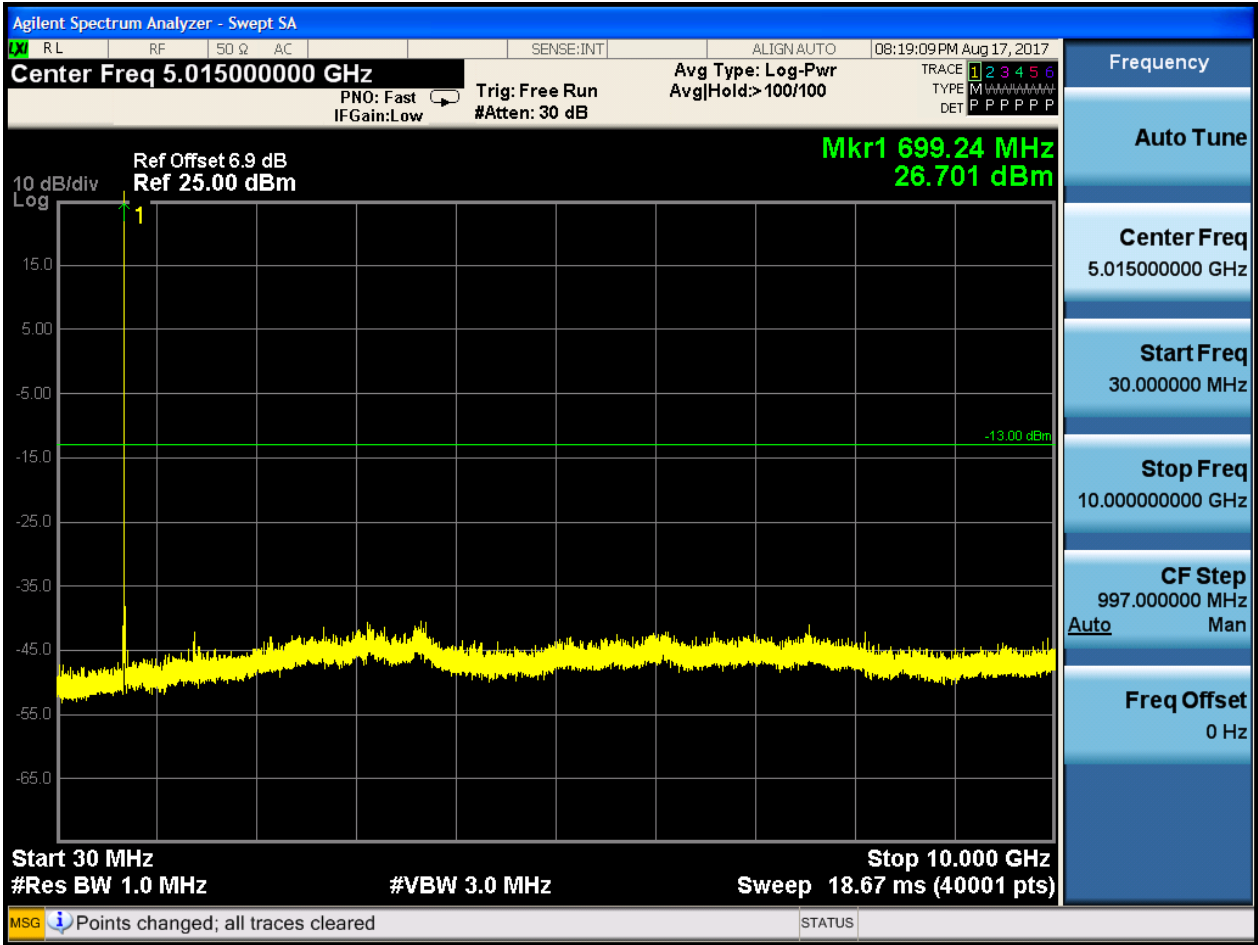
6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



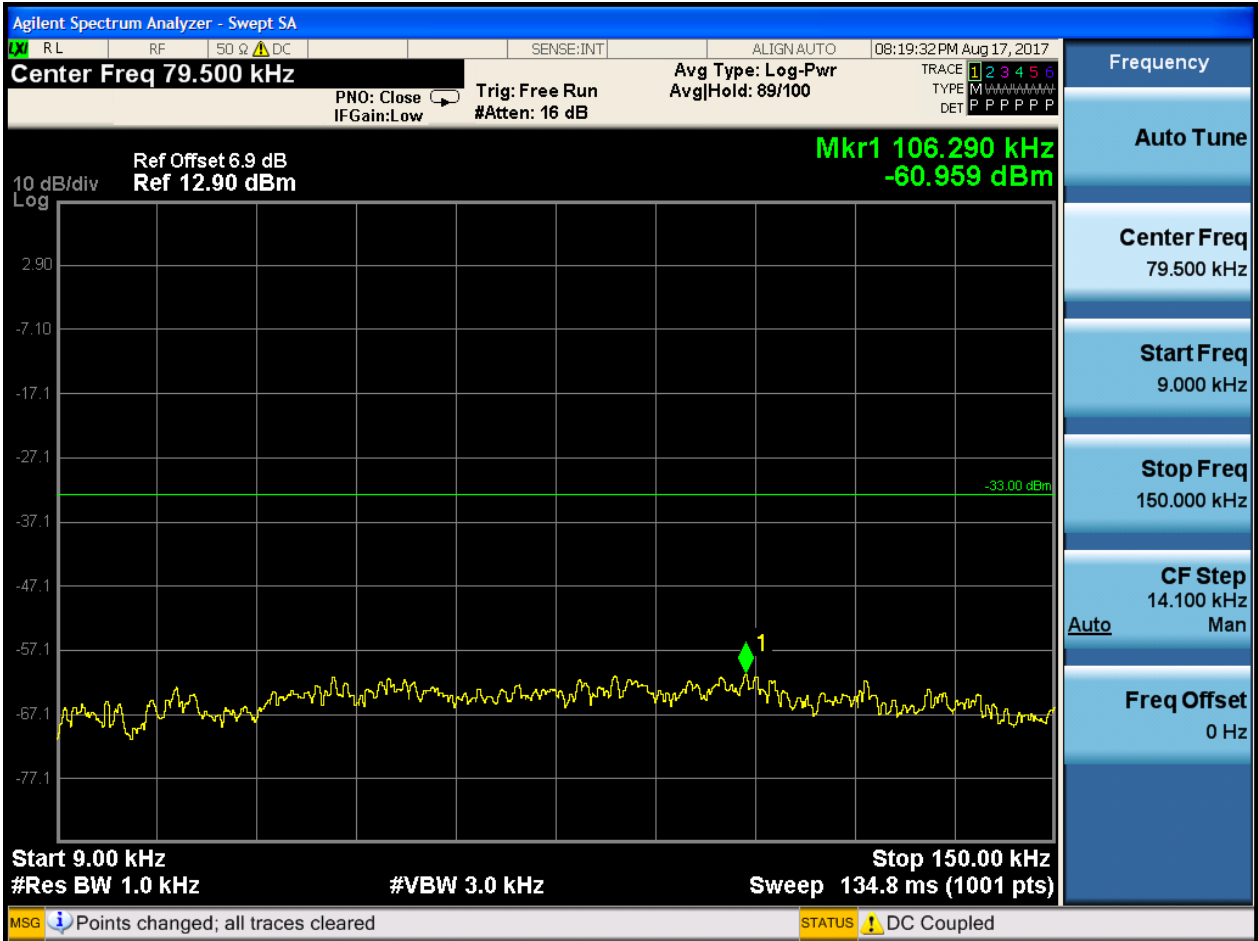






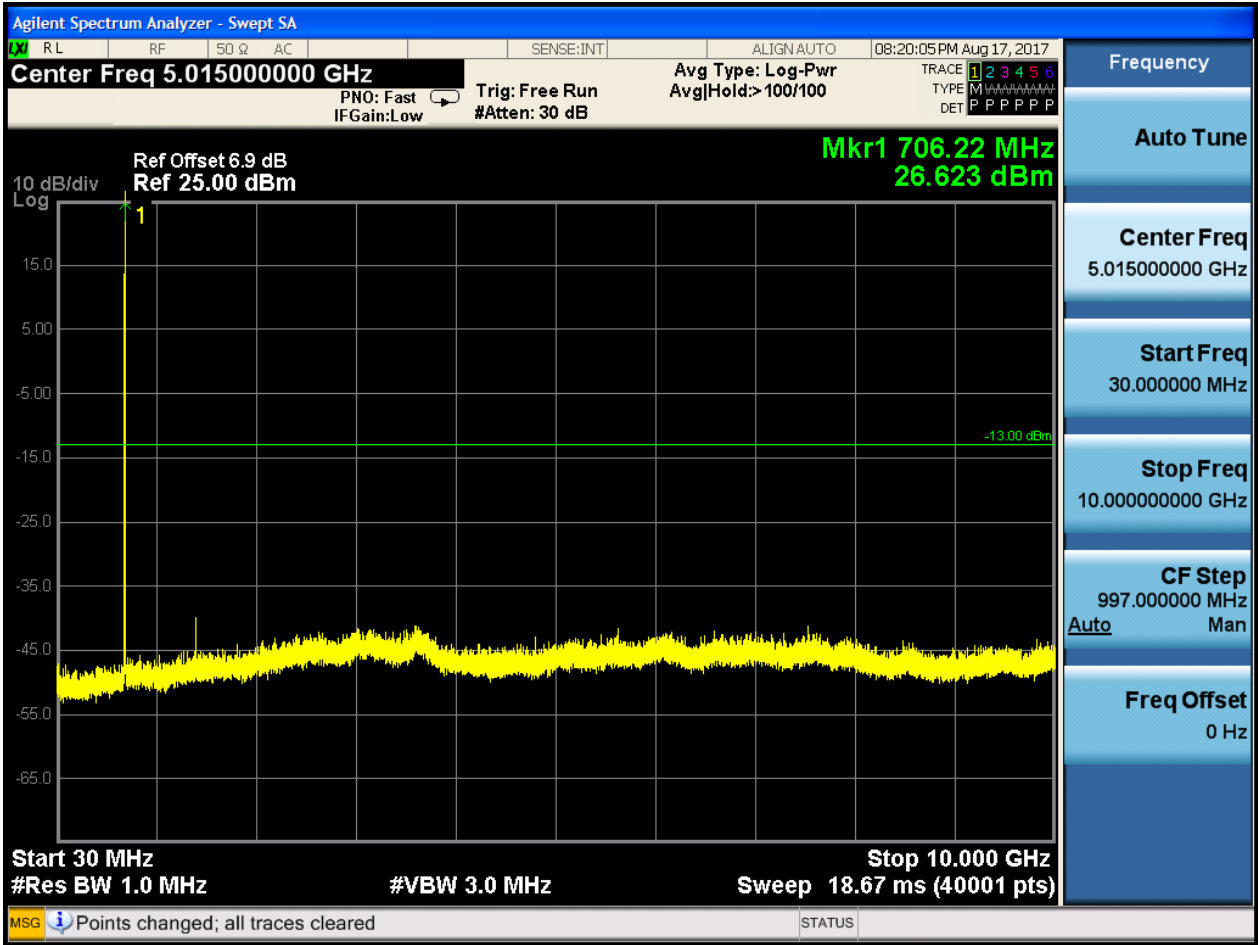
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0





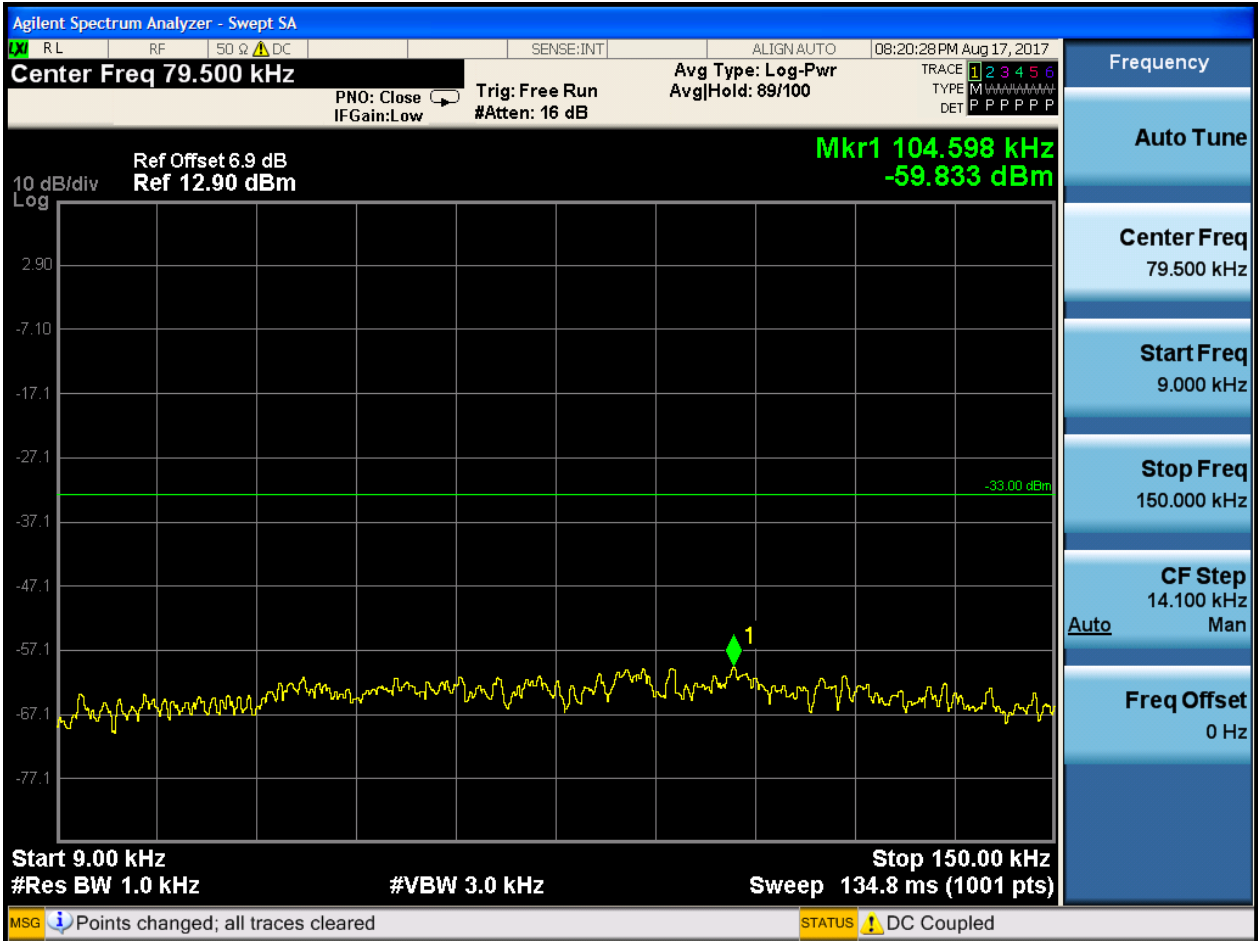




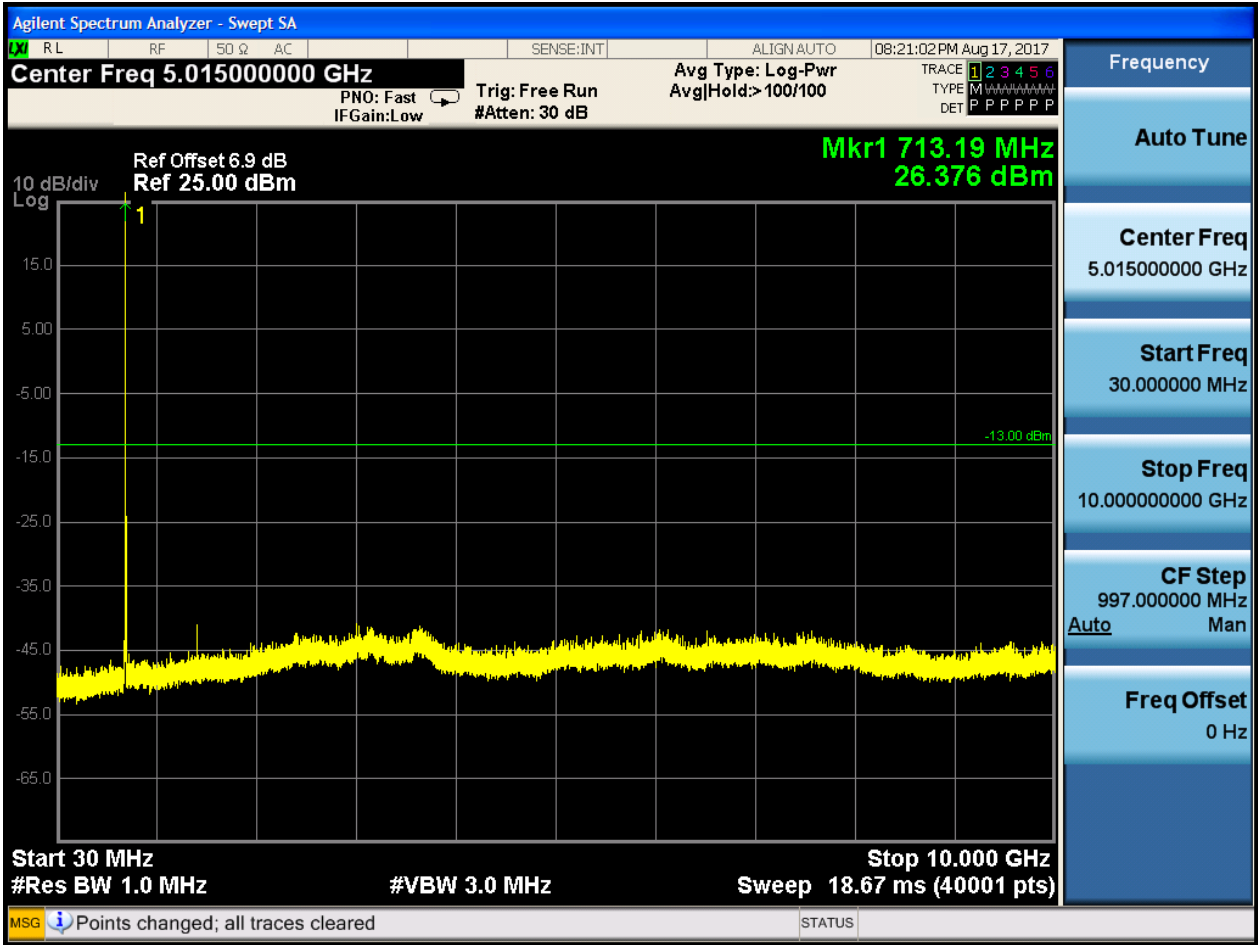


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







### 6.1.1.1.3 Test Bandwidth = 5

#### 6.1.1.1.3.1 Test Channel = LCH

##### 6.1.1.1.3.1.1 Test RB = RB1#0

