



# 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
BAND5	LTE/TM1	5	LCH	RB1#0	22.25	21.1	38.5	PASS
				RB1#13	22.09	20.94	38.5	PASS
				RB1#24	22.31	21.16	38.5	PASS
				RB12#0	20.27	19.12	38.5	PASS
				RB12#6	20.24	19.09	38.5	PASS
				RB12#13	20.3	19.15	38.5	PASS
				RB25#0	20.32	19.17	38.5	PASS
			MCH	RB1#0	22.17	21.02	38.5	PASS
				RB1#13	22	20.85	38.5	PASS
				RB1#24	22.28	21.13	38.5	PASS
				RB12#0	20.32	19.17	38.5	PASS
				RB12#6	20.25	19.1	38.5	PASS
				RB12#13	20.23	19.08	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.24	19.09	38.5	PASS
			HCH	RB1#0	22.15	21	38.5	PASS
				RB1#13	22.3	21.15	38.5	PASS
				RB1#24	22.25	21.1	38.5	PASS
				RB12#0	20.21	19.06	38.5	PASS
				RB12#6	20.33	19.18	38.5	PASS
				RB12#13	20.29	19.14	38.5	PASS
				RB25#0	20.26	19.11	38.5	PASS
		10		LCH	RB1#0	21.91	20.76	38.5
			RB1#25		21.91	20.76	38.5	PASS
			RB1#49		21.81	20.66	38.5	PASS
			RB25#0		20.8	19.65	38.5	PASS
			RB25#13		20.94	19.79	38.5	PASS
			RB25#25		20.79	19.64	38.5	PASS
			RB50#0		20.83	19.68	38.5	PASS
			MCH	RB1#0	21.89	20.74	38.5	PASS
				RB1#25	21.7	20.55	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict		
				RB1#49	21.77	20.62	38.5	PASS		
				RB25#0	20.86	19.71	38.5	PASS		
				RB25#13	20.84	19.69	38.5	PASS		
				RB25#25	20.75	19.6	38.5	PASS		
				RB50#0	20.81	19.66	38.5	PASS		
			HCH	RB1#0	21.85	20.7	38.5	PASS		
				RB1#25	21.83	20.68	38.5	PASS		
				RB1#49	22.01	20.86	38.5	PASS		
				RB25#0	20.81	19.66	38.5	PASS		
				RB25#13	20.73	19.58	38.5	PASS		
				RB25#25	20.8	19.65	38.5	PASS		
				RB50#0	20.82	19.67	38.5	PASS		
			LTE/TM2	5	LCH	RB1#0	21.4	20.25	38.5	PASS
						RB1#13	21.21	20.06	38.5	PASS
						RB1#24	21.35	20.2	38.5	PASS
RB12#0	19.79	18.64				38.5	PASS			
RB12#6	19.78	18.63				38.5	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict			
				RB12#13	19.79	18.64	38.5	PASS			
				RB25#0	19.72	18.57	38.5	PASS			
			MCH	RB1#0	21.29	20.14	38.5	PASS			
				RB1#13	21.18	20.03	38.5	PASS			
				RB1#24	21.34	20.19	38.5	PASS			
				RB12#0	19.87	18.72	38.5	PASS			
				RB12#6	19.81	18.66	38.5	PASS			
				RB12#13	19.83	18.68	38.5	PASS			
				RB25#0	19.77	18.62	38.5	PASS			
				HCH	RB1#0	21.22	20.07	38.5	PASS		
			RB1#13		21.22	20.07	38.5	PASS			
			RB1#24		21.47	20.32	38.5	PASS			
			RB12#0		19.77	18.62	38.5	PASS			
			RB12#6		19.87	18.72	38.5	PASS			
			RB12#13		19.81	18.66	38.5	PASS			
					10	LCH	RB1#0	21.45	20.3	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.14	19.99	38.5	PASS
				RB1#49	21.37	20.22	38.5	PASS
				RB25#0	20.32	19.17	38.5	PASS
				RB25#13	20.45	19.3	38.5	PASS
				RB25#25	20.3	19.15	38.5	PASS
				RB50#0	20.3	19.15	38.5	PASS
			MCH	RB1#0	21.42	20.27	38.5	PASS
				RB1#25	21.19	20.04	38.5	PASS
				RB1#49	21.24	20.09	38.5	PASS
				RB25#0	20.32	19.17	38.5	PASS
				RB25#13	20.34	19.19	38.5	PASS
				RB25#25	20.21	19.06	38.5	PASS
				RB50#0	20.29	19.14	38.5	PASS
			HCH	RB1#0	21.43	20.28	38.5	PASS
				RB1#25	20.96	19.81	38.5	PASS
				RB1#49	21.41	20.26	38.5	PASS
				RB25#0	20.28	19.13	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.35	19.2	38.5	PASS
				RB25#25	20.37	19.22	38.5	PASS
				RB50#0	20.37	19.22	38.5	PASS
Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	RB1#0	22.17	19.92	34.7	PASS
				RB1#13	22.09	19.84	34.7	PASS
				RB1#24	21.97	19.72	34.7	PASS
				RB12#0	20.73	18.48	34.7	PASS
				RB12#6	20.77	18.52	34.7	PASS
				RB12#13	20.74	18.49	34.7	PASS
				RB25#0	20.81	18.56	34.7	PASS
			MCH	RB1#0	22.09	19.84	34.7	PASS
				RB1#13	22.26	20.01	34.7	PASS
				RB1#24	22.09	19.84	34.7	PASS
				RB12#0	20.79	18.54	34.7	PASS
				RB12#6	20.82	18.57	34.7	PASS
				RB12#13	20.8	18.55	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.78	18.53	34.7	PASS
			HCH	RB1#0	22.22	19.97	34.7	PASS
				RB1#13	22.18	19.93	34.7	PASS
				RB1#24	22.1	19.85	34.7	PASS
				RB12#0	20.75	18.5	34.7	PASS
				RB12#6	20.76	18.51	34.7	PASS
				RB12#13	20.69	18.44	34.7	PASS
				RB25#0	20.74	18.49	34.7	PASS
		10		LCH	RB1#0	21.76	19.51	34.7
			RB1#25		21.72	19.47	34.7	PASS
			RB1#49		21.86	19.61	34.7	PASS
			RB25#0		20.84	18.59	34.7	PASS
			RB25#13		20.87	18.62	34.7	PASS
			RB25#25		20.73	18.48	34.7	PASS
			RB50#0		20.78	18.53	34.7	PASS
				MCH	RB1#0	21.82	19.57	34.7
			RB1#25		21.83	19.58	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.78	19.53	34.7	PASS
				RB25#0	20.78	18.53	34.7	PASS
				RB25#13	20.84	18.59	34.7	PASS
				RB25#25	20.78	18.53	34.7	PASS
				RB50#0	20.78	18.53	34.7	PASS
			HCH	RB1#0	21.8	19.55	34.7	PASS
				RB1#25	21.82	19.57	34.7	PASS
				RB1#49	21.82	19.57	34.7	PASS
				RB25#0	20.75	18.5	34.7	PASS
				RB25#13	20.8	18.55	34.7	PASS
	LCH	RB25#25	20.76	18.51	34.7	PASS		
		RB50#0	20.81	18.56	34.7	PASS		
		RB1#0	21.25	19	34.7	PASS		
		RB1#13	21.13	18.88	34.7	PASS		
		RB1#24	21.18	18.93	34.7	PASS		
LTE/TM2	5		LCH	RB12#0	20.26	18.01	34.7	PASS
				RB12#6	20.33	18.08	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.31	18.06	34.7	PASS
				RB25#0	20.26	18.01	34.7	PASS
			MCH	RB1#0	21.22	18.97	34.7	PASS
				RB1#13	21.21	18.96	34.7	PASS
				RB1#24	21.24	18.99	34.7	PASS
				RB12#0	20.34	18.09	34.7	PASS
				RB12#6	20.36	18.11	34.7	PASS
				RB12#13	20.37	18.12	34.7	PASS
				RB25#0	20.27	18.02	34.7	PASS
			HCH	RB1#0	21.34	19.09	34.7	PASS
				RB1#13	21.24	18.99	34.7	PASS
				RB1#24	21.2	18.95	34.7	PASS
				RB12#0	20.32	18.07	34.7	PASS
				RB12#6	20.31	18.06	34.7	PASS
				RB12#13	20.26	18.01	34.7	PASS
				RB25#0	20.23	17.98	34.7	PASS
			10	LCH	RB1#0	21.36	19.11	34.7

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	21	18.75	34.7	PASS
				RB1#49	21.42	19.17	34.7	PASS
				RB25#0	20.33	18.08	34.7	PASS
				RB25#13	20.39	18.14	34.7	PASS
				RB25#25	20.2	17.95	34.7	PASS
				RB50#0	20.27	18.02	34.7	PASS
			MCH	RB1#0	21.39	19.14	34.7	PASS
			MCH	RB1#25	21.12	18.87	34.7	PASS
			MCH	RB1#49	21.28	19.03	34.7	PASS
			MCH	RB25#0	20.26	18.01	34.7	PASS
			MCH	RB25#13	20.34	18.09	34.7	PASS
			MCH	RB25#25	20.25	18	34.7	PASS
			MCH	RB50#0	20.27	18.02	34.7	PASS
			HCH	RB1#0	21.4	19.15	34.7	PASS
			HCH	RB1#25	21.17	18.92	34.7	PASS
			HCH	RB1#49	21.31	19.06	34.7	PASS
			HCH	RB25#0	20.23	17.98	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.29	18.04	34.7	PASS
				RB25#25	20.19	17.94	34.7	PASS
				RB50#0	20.31	18.06	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:

SET Span=1.5\*OBW

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

SET VBW>= 3\*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
BAND5	LTE/TM1	5	LCH	RB1#0	3.98	13	PASS
				RB1#13	3.66	13	PASS
				RB1#24	3.69	13	PASS
				RB12#0	4.73	13	PASS
				RB12#6	4.53	13	PASS
				RB12#13	4.57	13	PASS
				RB25#0	5.11	13	PASS
			MCH	RB1#0	4.1	13	PASS
				RB1#13	4.28	13	PASS
				RB1#24	4.15	13	PASS
				RB12#0	5.21	13	PASS
				RB12#6	5.18	13	PASS
				RB12#13	5.22	13	PASS
				RB25#0	5.17	13	PASS
		HCH	RB1#0	3.3	13	PASS	
			RB1#13	3.34	13	PASS	
			RB1#24	3.46	13	PASS	
			RB12#0	4.64	13	PASS	
			RB12#6	4.59	13	PASS	
			RB12#13	4.87	13	PASS	
			RB25#0	5.34	13	PASS	
		10	LCH	RB1#0	4.13	13	PASS
				RB1#25	3.89	13	PASS
				RB1#49	4.24	13	PASS
				RB25#0	4.75	13	PASS
				RB25#13	4.6	13	PASS
				RB25#25	4.84	13	PASS
				RB50#0	5.82	13	PASS
MCH	RB1#0		4.09	13	PASS		
RB1#25	4.49	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.06	13	PASS
				RB25#0	5.07	13	PASS
				RB25#13	5.2	13	PASS
				RB25#25	5.03	13	PASS
				RB50#0	5.39	13	PASS
			HCH	RB1#0	4.24	13	PASS
				RB1#25	3.52	13	PASS
				RB1#49	3.75	13	PASS
				RB25#0	4.64	13	PASS
				RB25#13	4.39	13	PASS
			LCH	RB25#25	4.59	13	PASS
				RB50#0	5.27	13	PASS
				RB1#0	4.83	13	PASS
				RB1#13	4.66	13	PASS
				RB1#24	4.5	13	PASS
	RB12#0	5.49		13	PASS		
	MCH	RB12#6	5.42	13	PASS		
		RB12#13	5.43	13	PASS		
		RB25#0	6.06	13	PASS		
		RB1#0	4.98	13	PASS		
		RB1#13	5.23	13	PASS		
		RB1#24	5.02	13	PASS		
		RB12#0	5.88	13	PASS		
	HCH	RB12#6	5.87	13	PASS		
		RB12#13	6	13	PASS		
		RB25#0	6.25	13	PASS		
		RB1#0	4.24	13	PASS		
		RB1#13	4.33	13	PASS		
		RB1#24	4.32	13	PASS		
	LCH	RB12#0	5.27	13	PASS		
RB12#6		5.19	13	PASS			
RB12#13		5.52	13	PASS			
RB25#0		5.96	13	PASS			
RB1#0		5.09	13	PASS			
RB1#25		4.97	13	PASS			
		10	LCH	RB1#49	5.24	13	PASS
				RB25#0	5.64	13	PASS
				RB25#13	5.42	13	PASS
				RB25#25	5.73	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB50#0	6.32	13	PASS
				RB1#0	5.04	13	PASS
				RB1#25	5.56	13	PASS
				RB1#49	5.07	13	PASS
				RB25#0	5.99	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	5.96	13	PASS
				RB50#0	6.45	13	PASS
			HCH	RB1#0	5.2	13	PASS
				RB1#25	4.7	13	PASS
				RB1#49	4.81	13	PASS
				RB25#0	5.48	13	PASS
				RB25#13	5.17	13	PASS
				RB25#25	5.34	13	PASS
RB50#0	5.99	13	PASS				
Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND17	LTE/TM1	5	LCH	RB1#0	4.39	13	PASS
				RB1#13	4.26	13	PASS
				RB1#24	4.45	13	PASS
				RB12#0	5.11	13	PASS
				RB12#6	4.94	13	PASS
				RB12#13	5.08	13	PASS
			RB25#0	5.55	13	PASS	
			MCH	RB1#0	4.4	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.4	13	PASS
				RB12#0	5.21	13	PASS
				RB12#6	5.12	13	PASS
				RB12#13	5.21	13	PASS
			RB25#0	5.3	13	PASS	
			HCH	RB1#0	4.4	13	PASS
				RB1#13	4.21	13	PASS
				RB1#24	3.93	13	PASS
				RB12#0	5.11	13	PASS
RB12#6	4.94	13		PASS			
RB12#13	4.94	13		PASS			
RB25#0	5.57	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	4.52	13	PASS
				RB1#25	4.59	13	PASS
				RB1#49	4.43	13	PASS
				RB25#0	5.08	13	PASS
				RB25#13	5.18	13	PASS
				RB25#25	5.2	13	PASS
				RB50#0	5.87	13	PASS
			MCH	RB1#0	4.47	13	PASS
				RB1#25	4.59	13	PASS
				RB1#49	4.31	13	PASS
				RB25#0	5.13	13	PASS
				RB25#13	5.21	13	PASS
				RB25#25	5.13	13	PASS
				RB50#0	6.33	13	PASS
	HCH	RB1#0	4.5	13	PASS		
		RB1#25	4.55	13	PASS		
		RB1#49	4.16	13	PASS		
		RB25#0	5.2	13	PASS		
		RB25#13	5.21	13	PASS		
		RB25#25	5.04	13	PASS		
	LTE/TM2	5	LCH	RB1#0	5.31	13	PASS
				RB1#13	5.22	13	PASS
				RB1#24	5.39	13	PASS
				RB12#0	5.89	13	PASS
				RB12#6	5.72	13	PASS
				RB12#13	5.88	13	PASS
				RB25#0	6.54	13	PASS
			MCH	RB1#0	5.3	13	PASS
RB1#13				5.31	13	PASS	
RB1#24				5.31	13	PASS	
RB12#0				5.94	13	PASS	
RB12#6				5.82	13	PASS	
RB12#13				5.95	13	PASS	
HCH			RB25#0	6.2	13	PASS	
	RB1#0	5.32	13	PASS			
	RB1#13	5.17	13	PASS			
	RB1#24	4.81	13	PASS			
			HCH	RB12#0	5.87	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#6	5.7	13	PASS
				RB12#13	5.7	13	PASS
				RB25#0	6.11	13	PASS
		10	LCH	RB1#0	5.6	13	PASS
				RB1#25	5.67	13	PASS
				RB1#49	5.49	13	PASS
				RB25#0	6.15	13	PASS
				RB25#13	6.03	13	PASS
				RB25#25	6.24	13	PASS
				RB50#0	6.99	13	PASS
				MCH	RB1#0	5.53	13
			RB1#25		5.67	13	PASS
			RB1#49		5.35	13	PASS
			RB25#0		6.14	13	PASS
			RB25#13		6.05	13	PASS
			RB25#25		6.21	13	PASS
			RB50#0		6.62	13	PASS
			HCH	RB1#0	5.49	13	PASS
		RB1#25		5.64	13	PASS	
		RB1#49		5.2	13	PASS	
		RB25#0		6.12	13	PASS	
RB25#13	5.99	13		PASS			
RB25#25	6.02	13		PASS			
				RB50#0	6.98	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

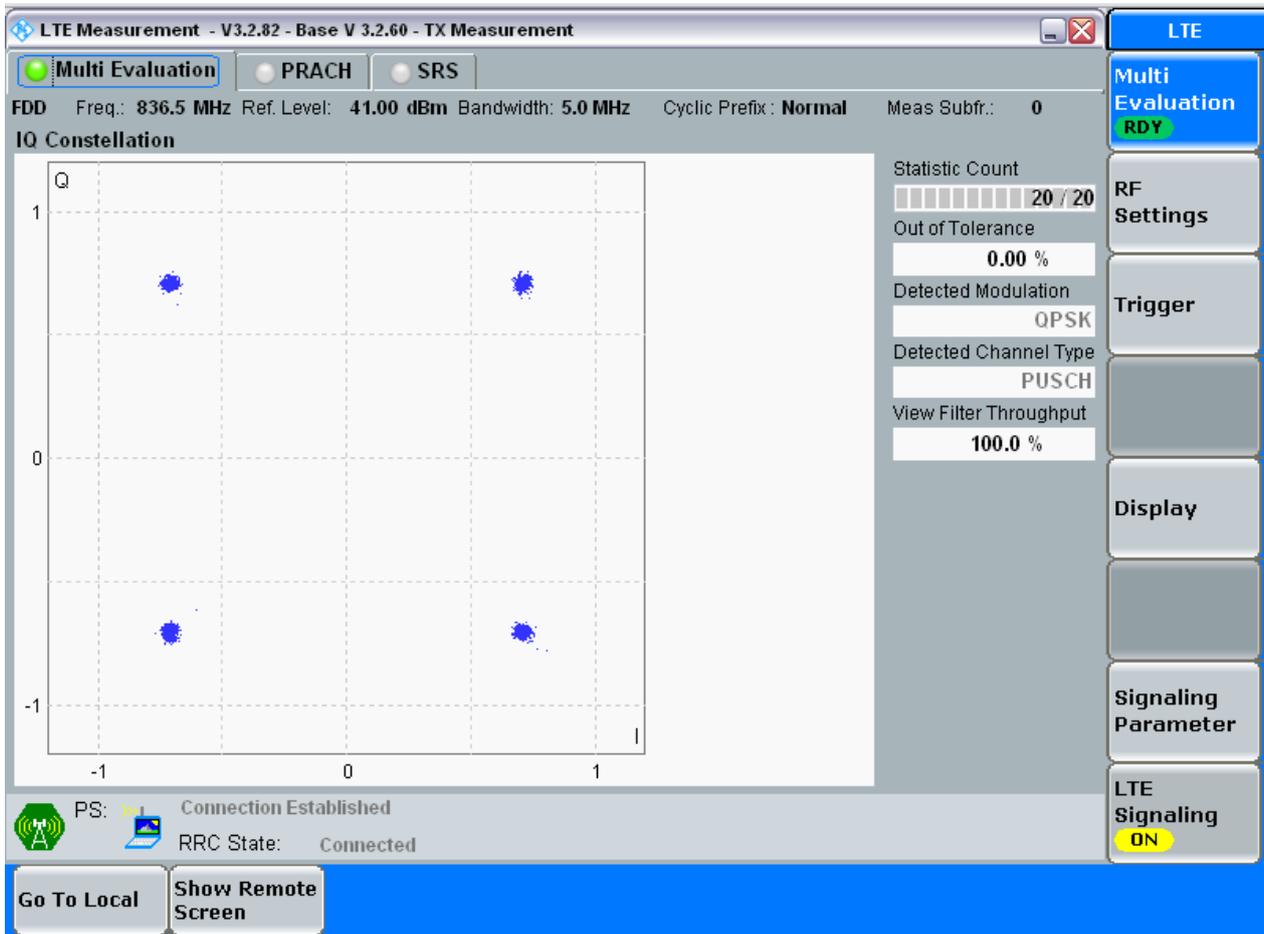
##### 3.1.1 Test Band = BAND5

##### 3.1.1.1 Test Mode = LTE/TM1

##### 3.1.1.1.1 Test Bandwidth = 5

##### 3.1.1.1.1.1 Test Channel = MCH

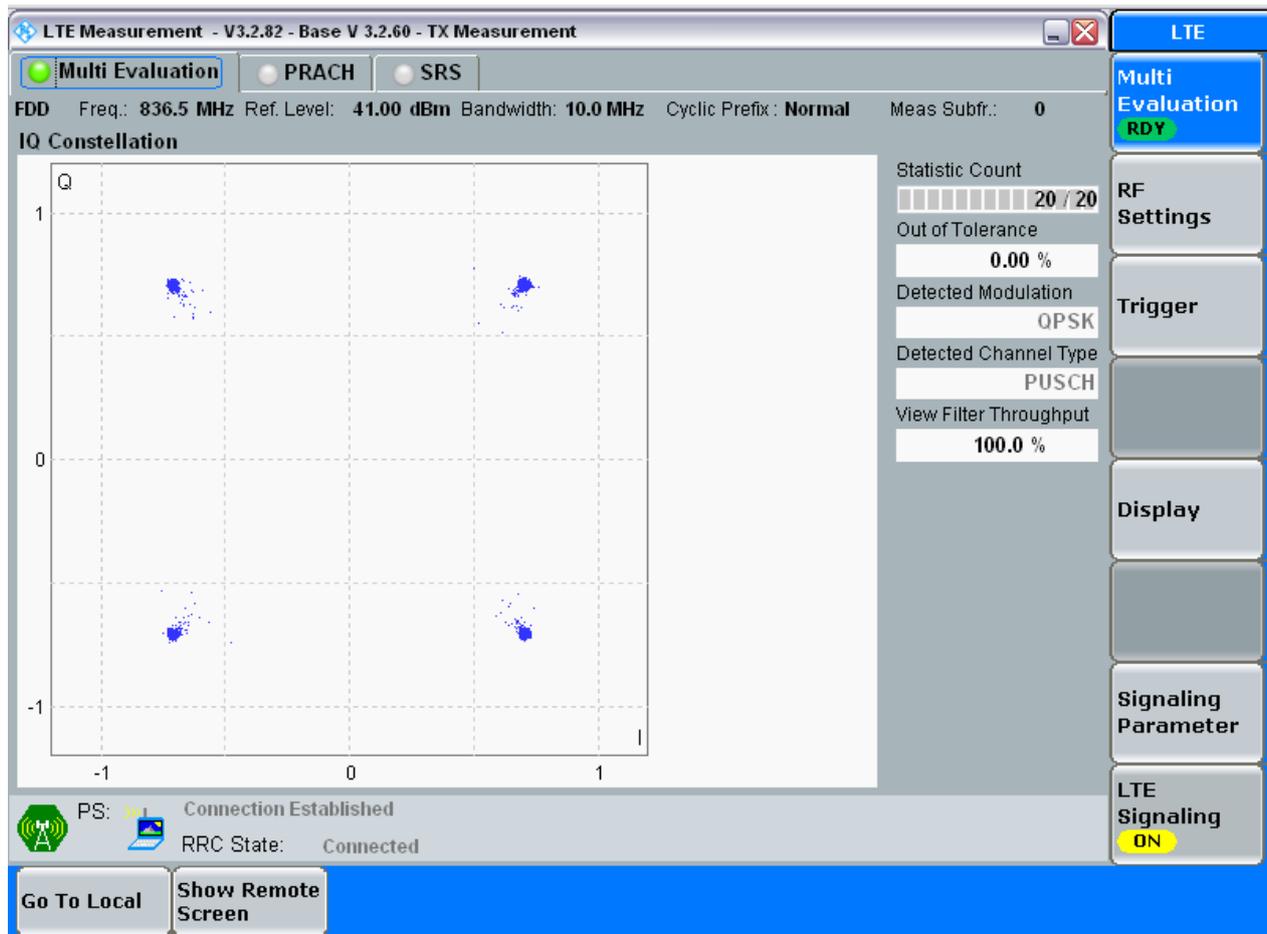
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

##### 3.1.1.1.2.1.1 Test RB = RB50#0

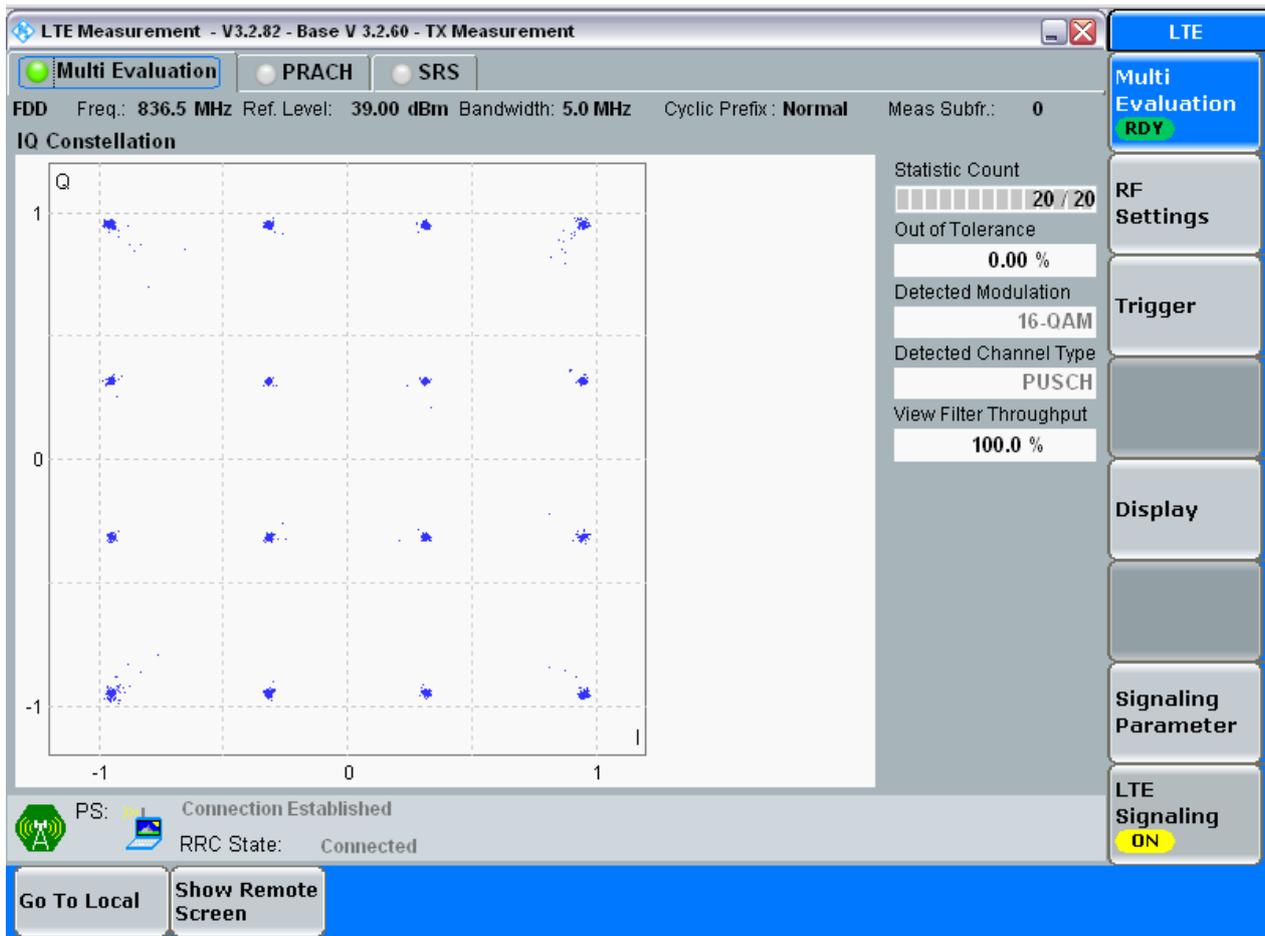


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 5

##### 3.1.1.2.1.1 Test Channel = MCH

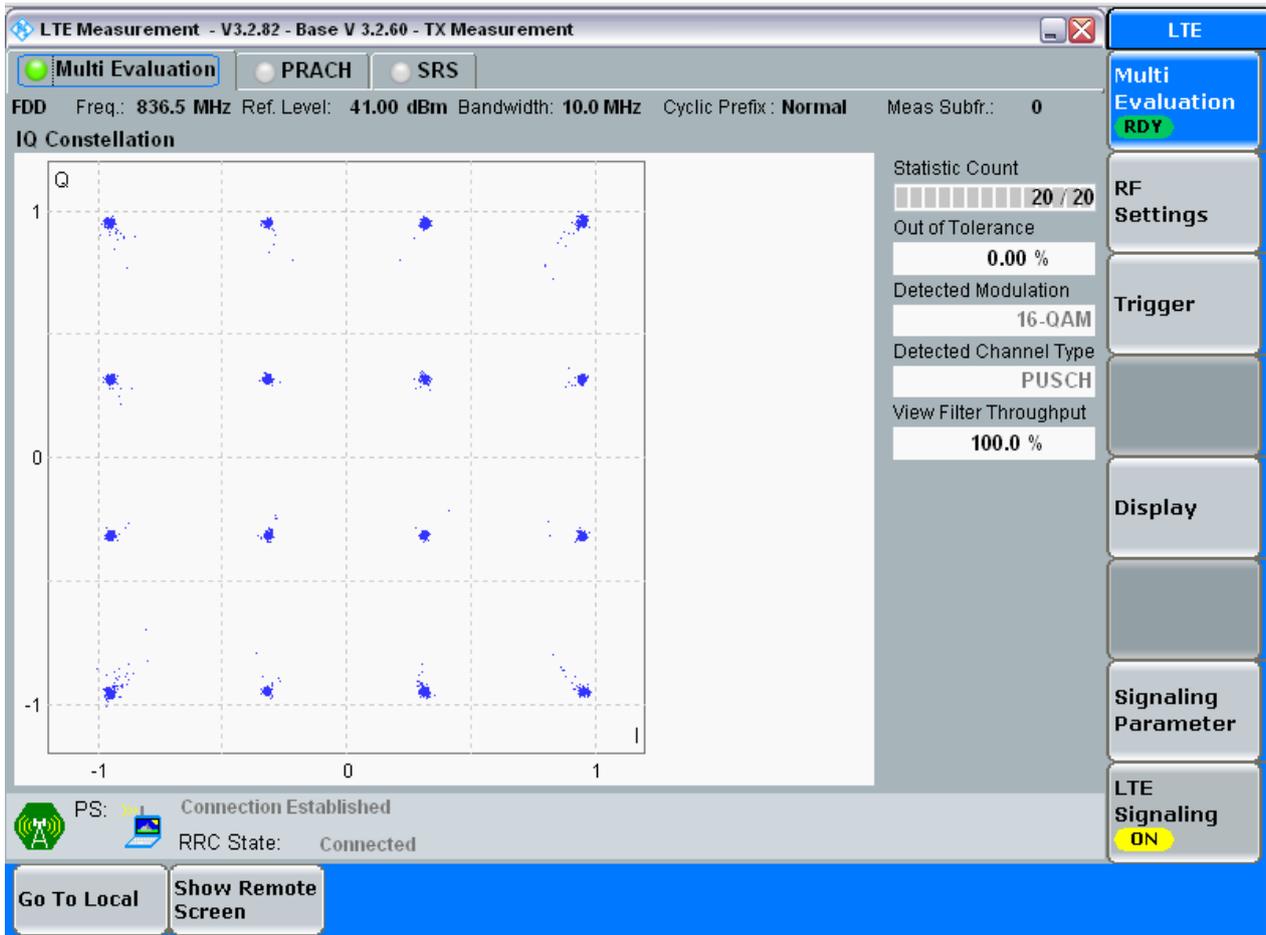
###### 3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB50#0



### 3.2 For LTE

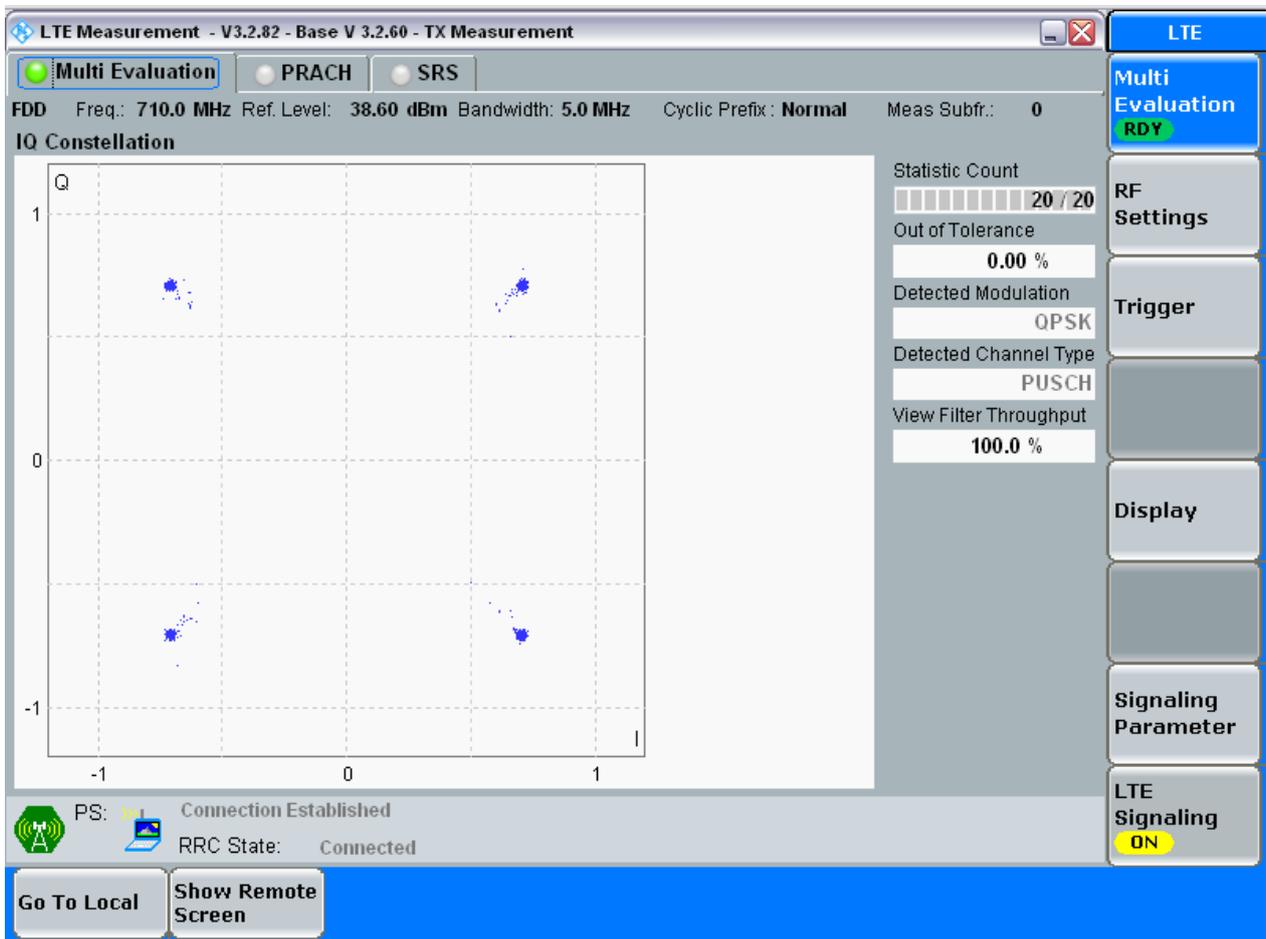
#### 3.2.1 Test Band = BAND17

##### 3.2.1.1 Test Mode = LTE/TM1

##### 3.2.1.1.1 Test Bandwidth = 5

##### 3.2.1.1.1.1 Test Channel = MCH

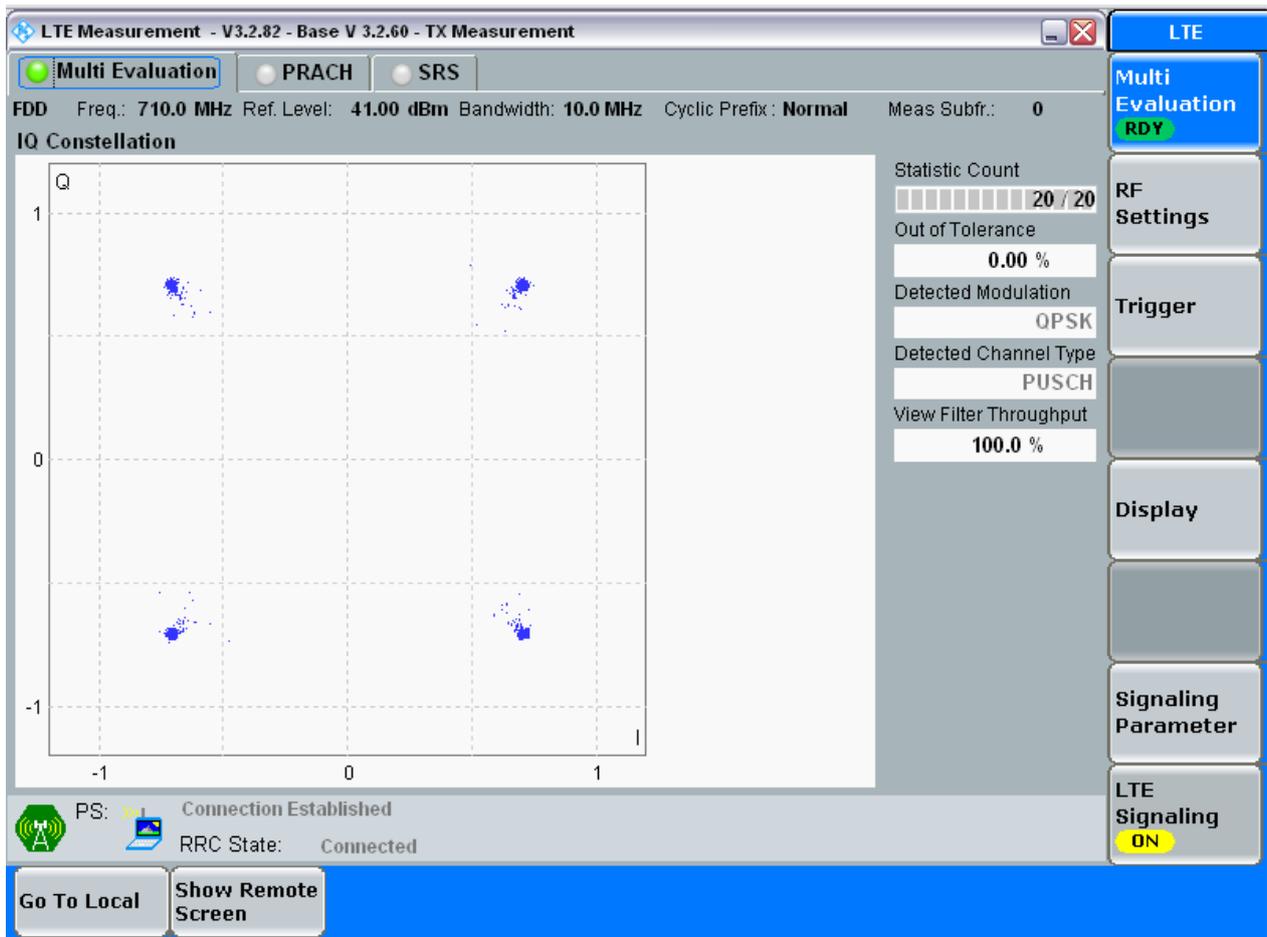
##### 3.2.1.1.1.1.1 Test RB = RB25#0



### 3.2.1.1.2 Test Bandwidth = 10

#### 3.2.1.1.2.1 Test Channel = MCH

##### 3.2.1.1.2.1.1 Test RB = RB50#0

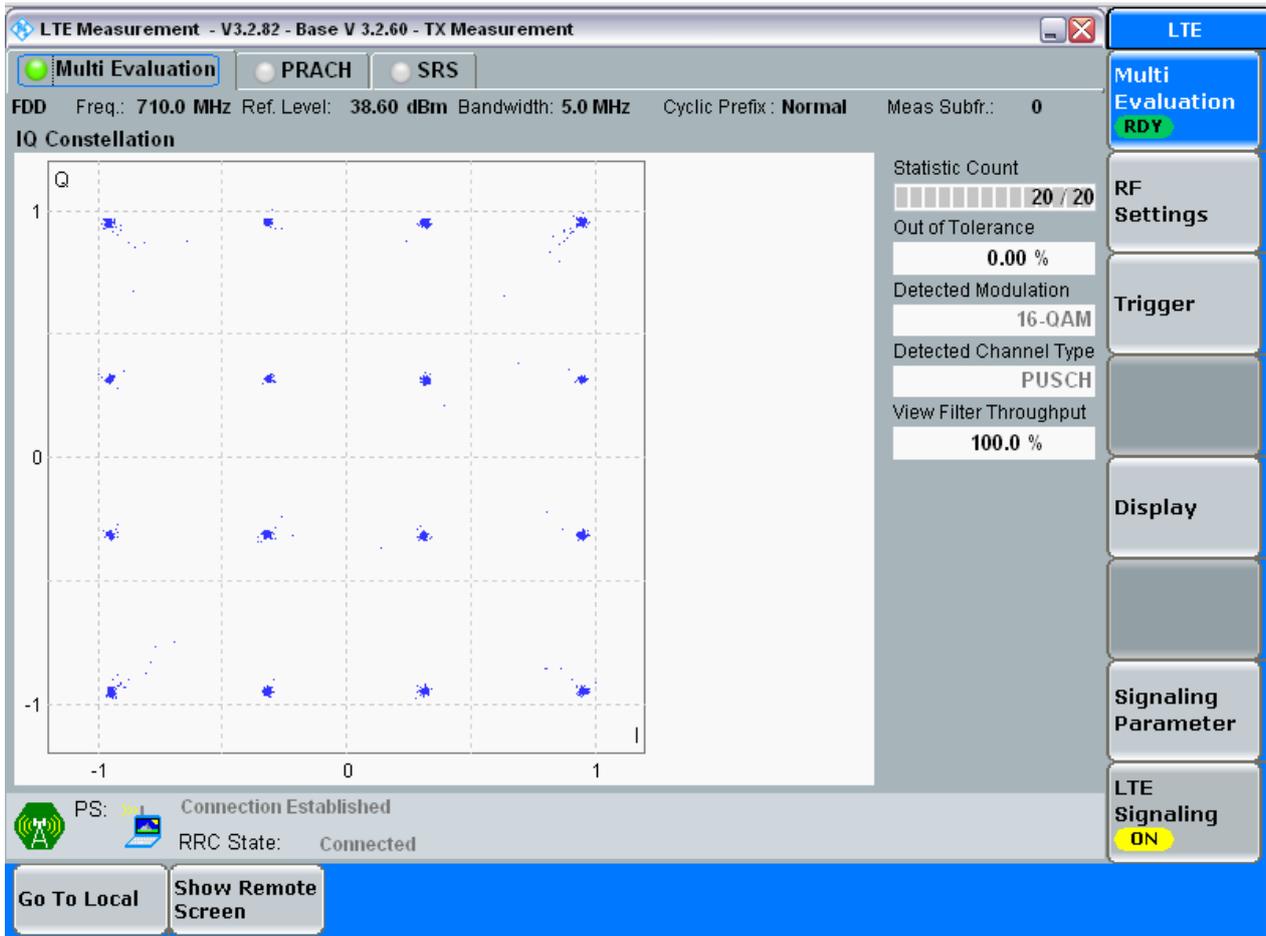


3.2.1.2 Test Mode = LTE/TM2

3.2.1.2.1 Test Bandwidth = 5

3.2.1.2.1.1 Test Channel = MCH

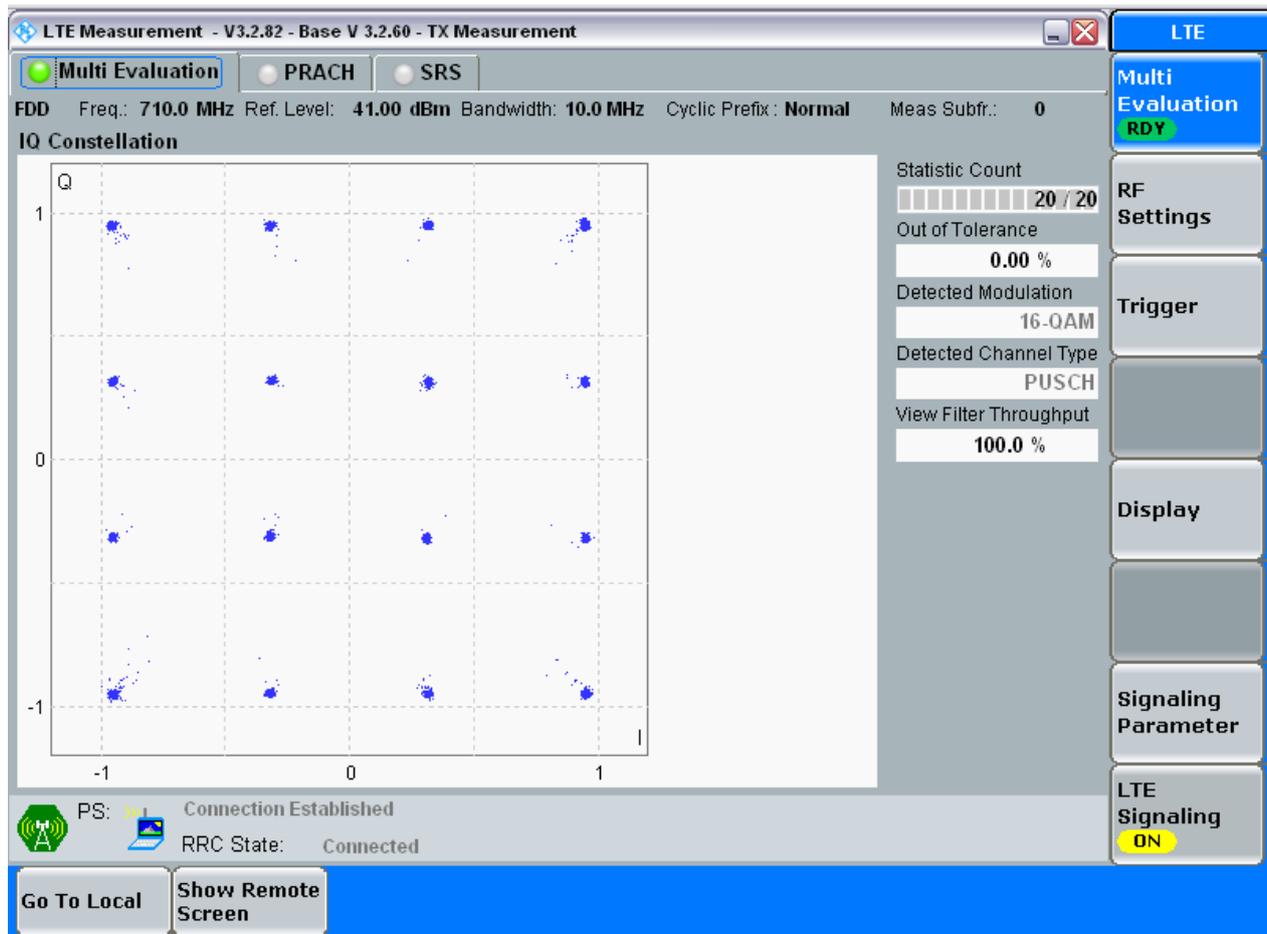
3.2.1.2.1.1.1 Test RB = RB25#0



### 3.2.1.2.2 Test Bandwidth = 10

#### 3.2.1.2.2.1 Test Channel = MCH

##### 3.2.1.2.2.1.1 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
BAND5	LTE/TM1	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.99	9.60	Pass
			MCH	RB50#0	9.00	9.62	Pass
			HCH	RB50#0	8.99	9.56	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.51	4.86	Pass
			HCH	RB25#0	4.51	4.85	Pass
		10	LCH	RB50#0	8.99	9.59	Pass
			MCH	RB50#0	8.99	9.60	Pass
			HCH	RB50#0	8.98	9.54	Pass
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND17	LTE/TM1	5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.88	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.00	9.58	Pass
			MCH	RB50#0	9.00	9.61	Pass
			HCH	RB50#0	9.00	9.62	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.86	Pass
			MCH	RB25#0	4.51	4.87	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.99	9.58	Pass
			MCH	RB50#0	8.99	9.59	Pass
			HCH	RB50#0	8.99	9.58	Pass



Part II - Test Plots

4.1 For LTE

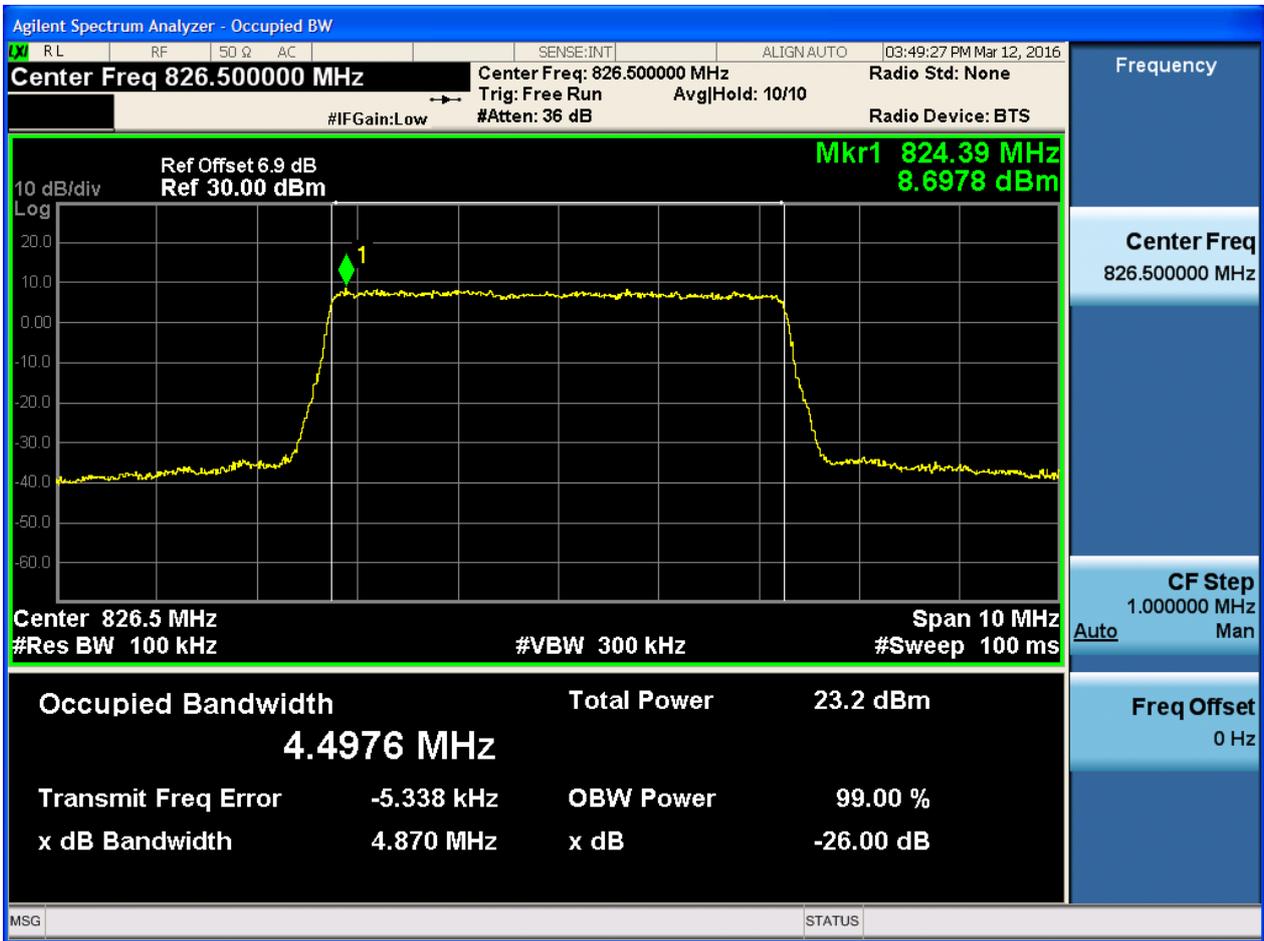
4.1.1 Test Band = BAND5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

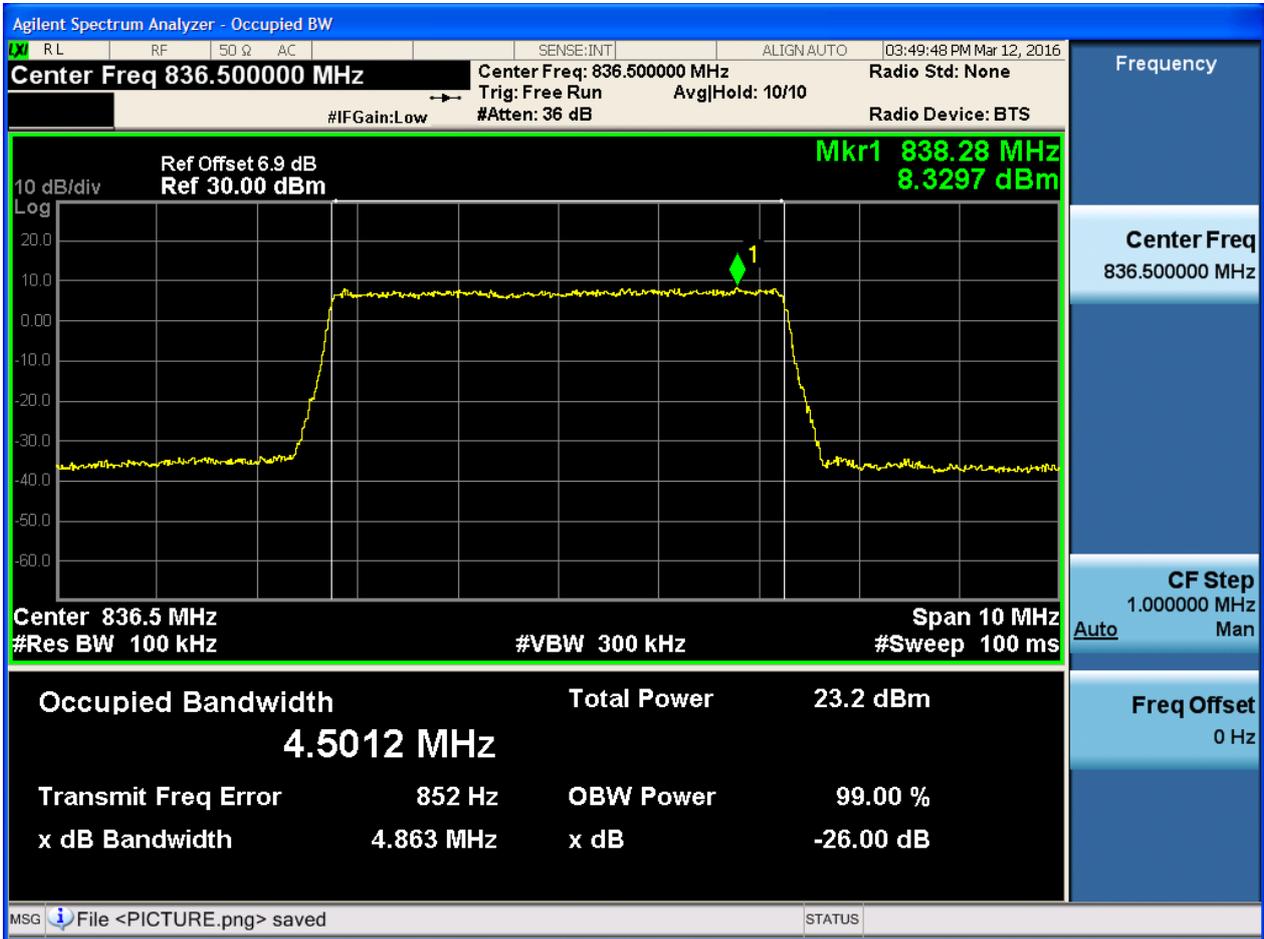
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

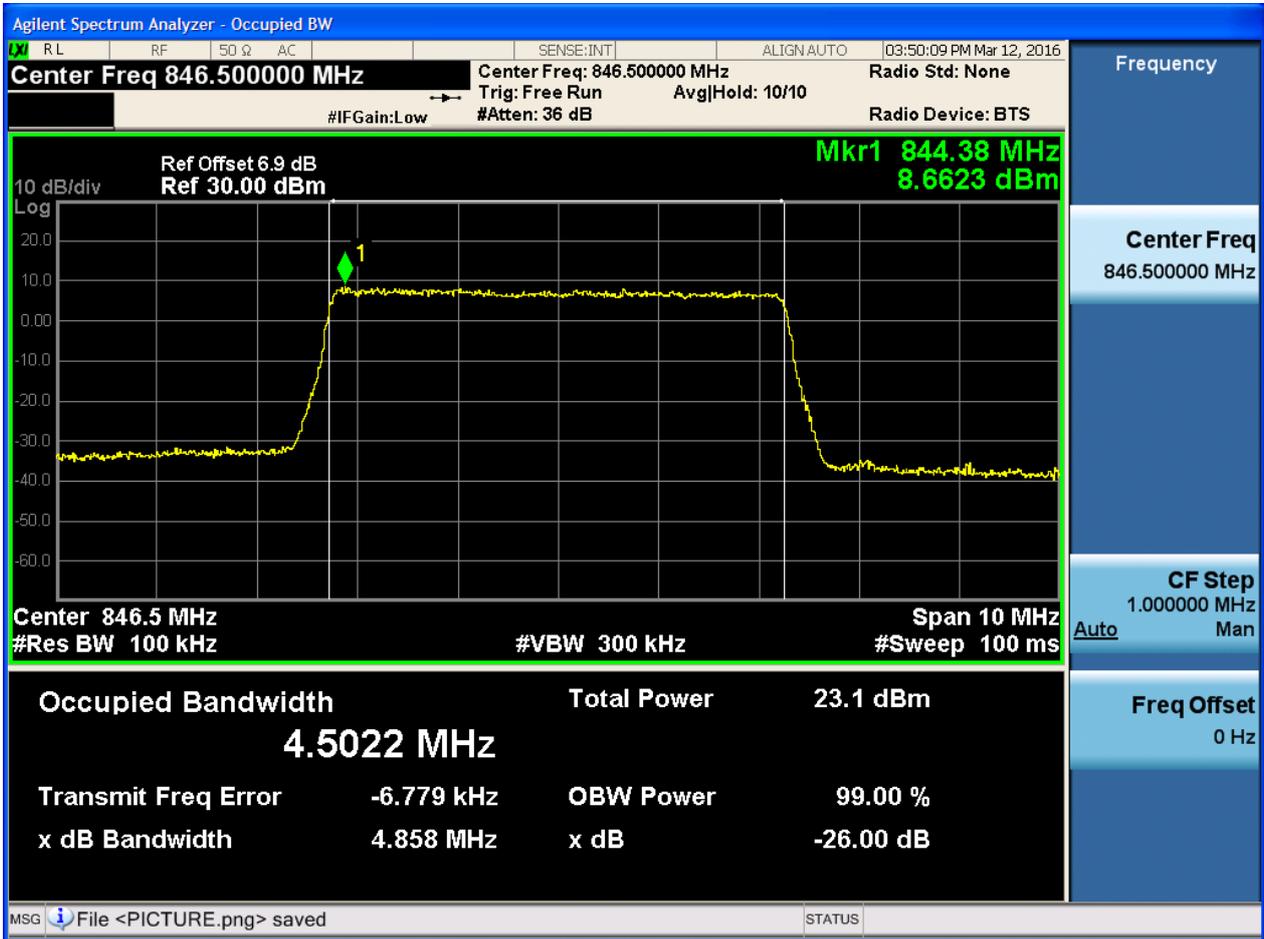
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

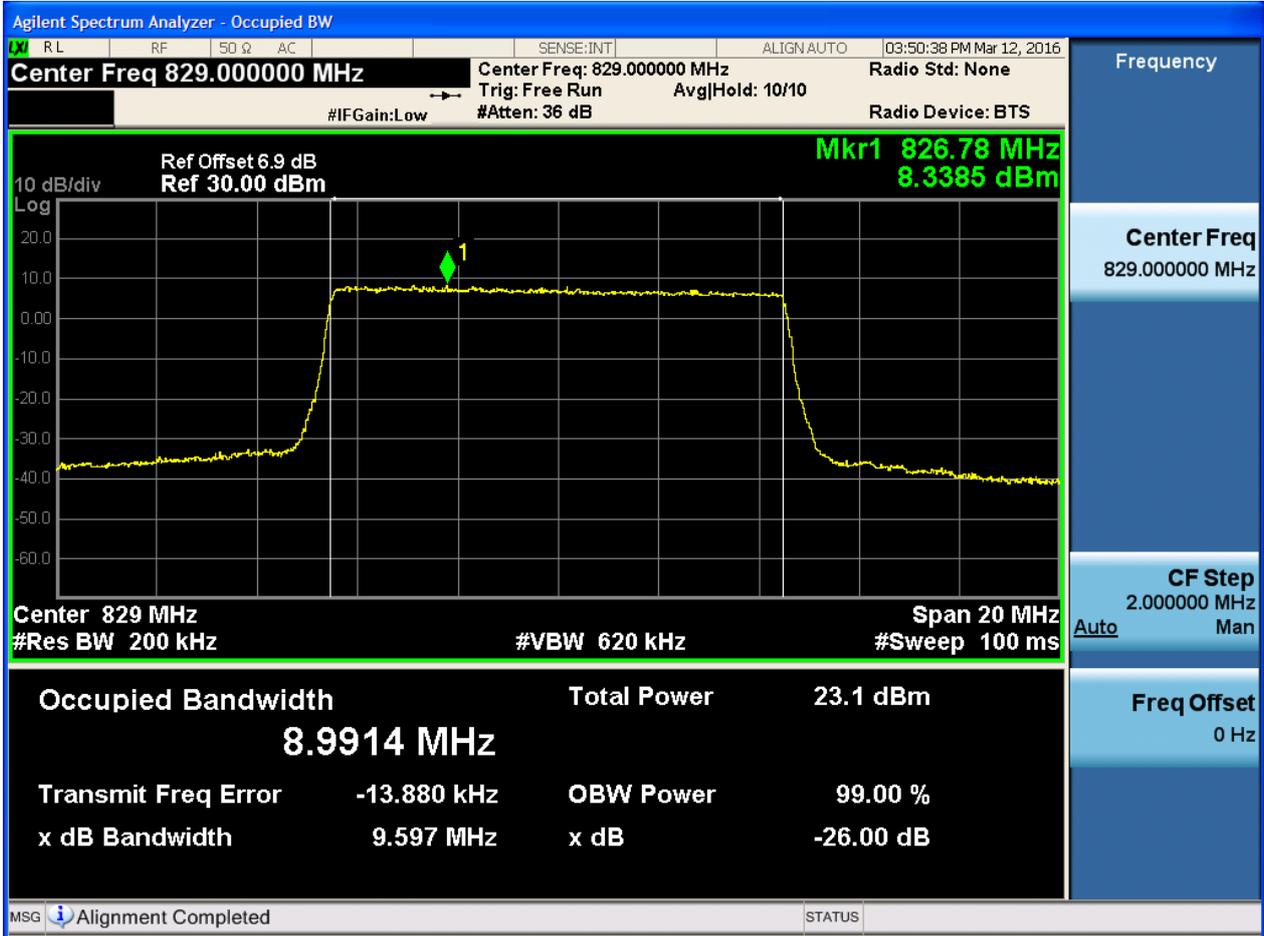




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

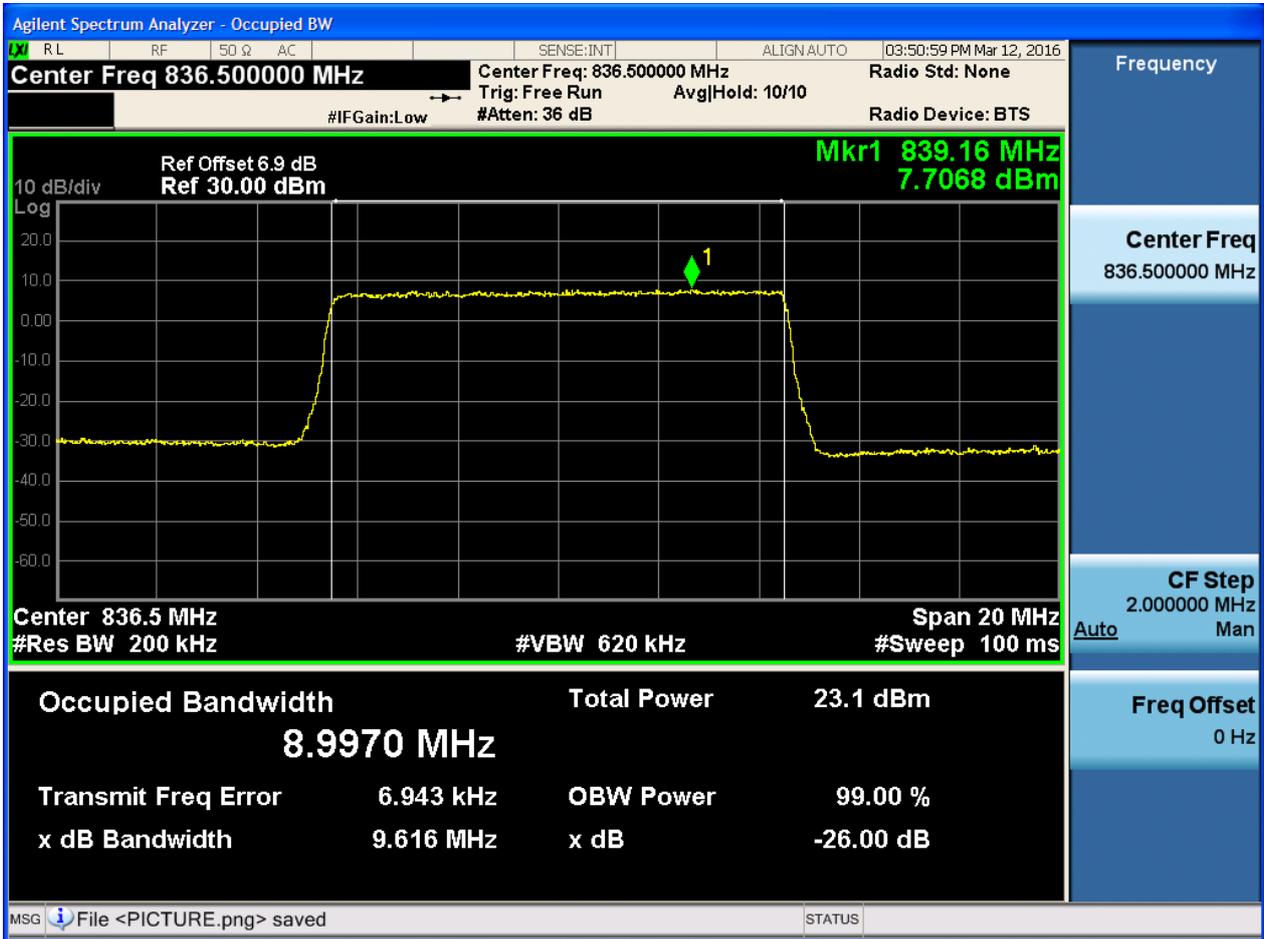
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

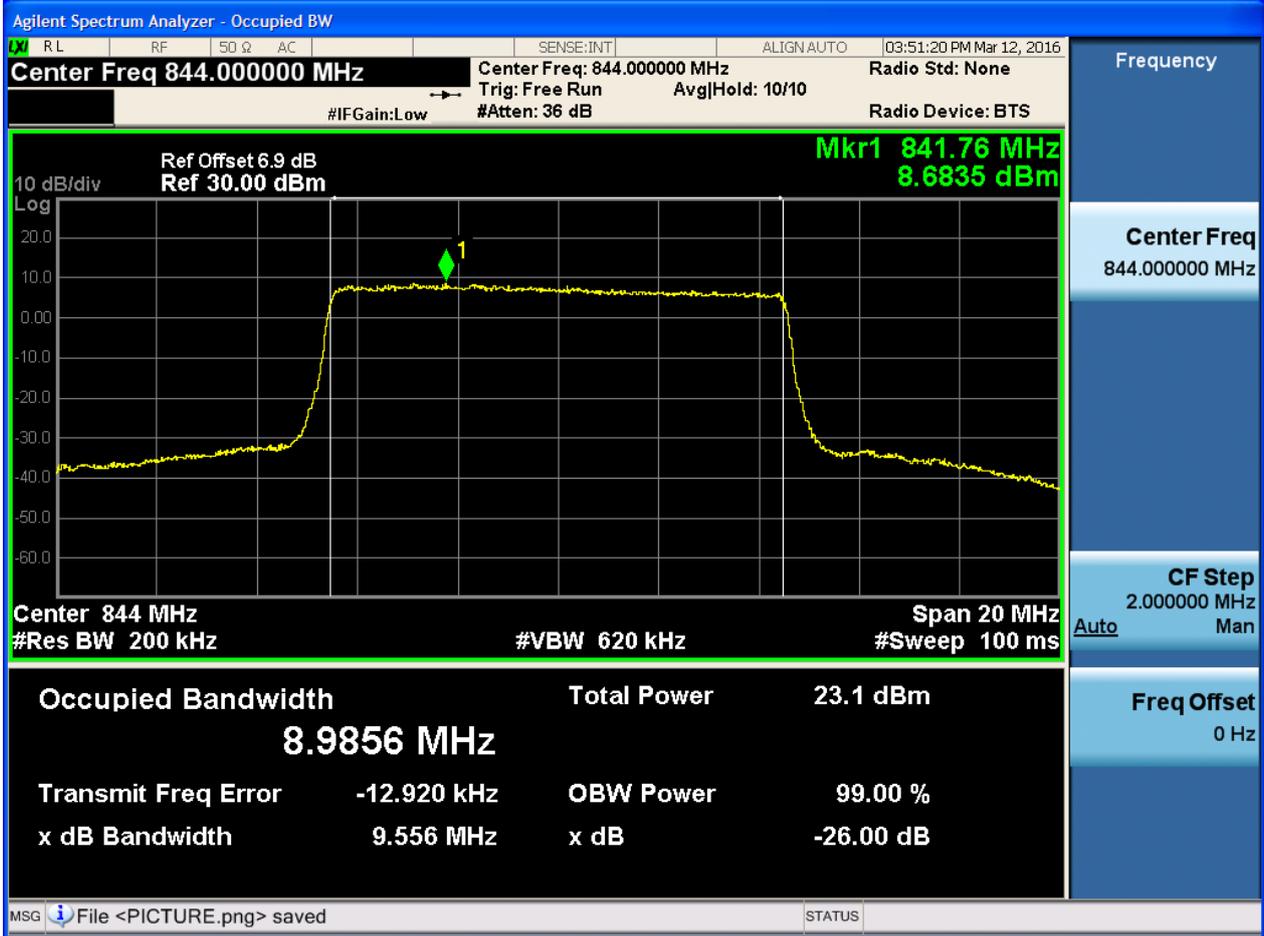
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0



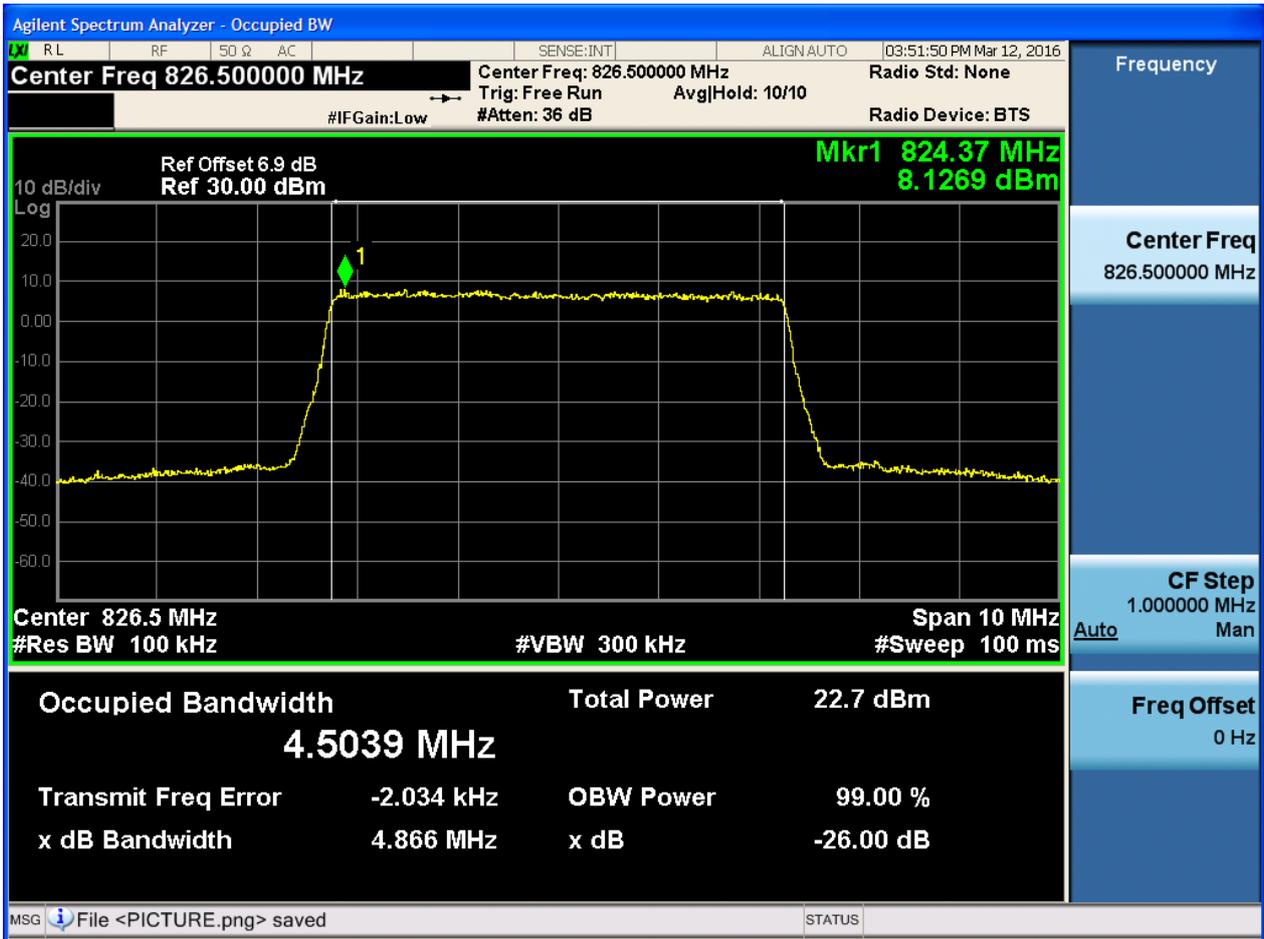


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

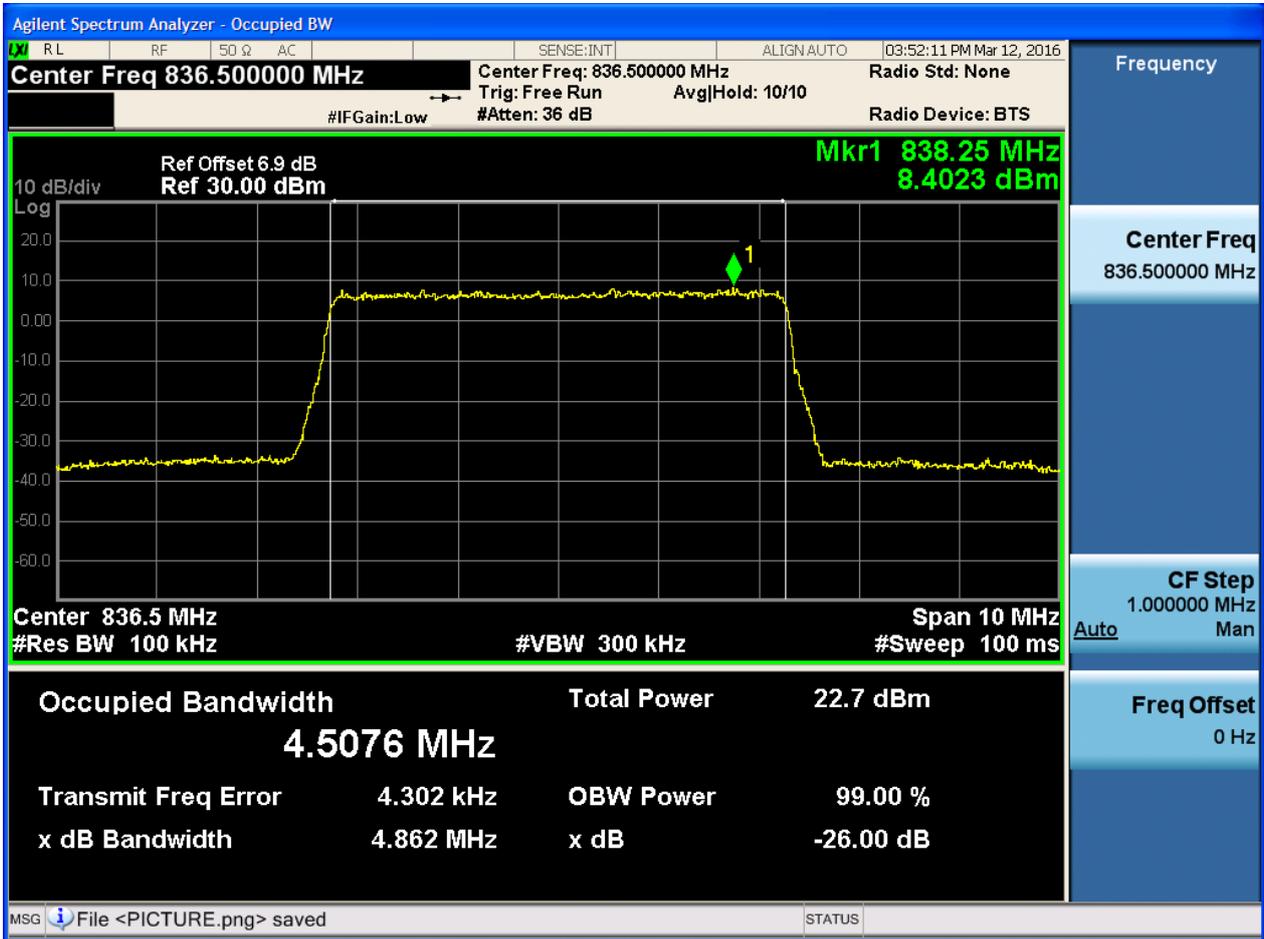
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

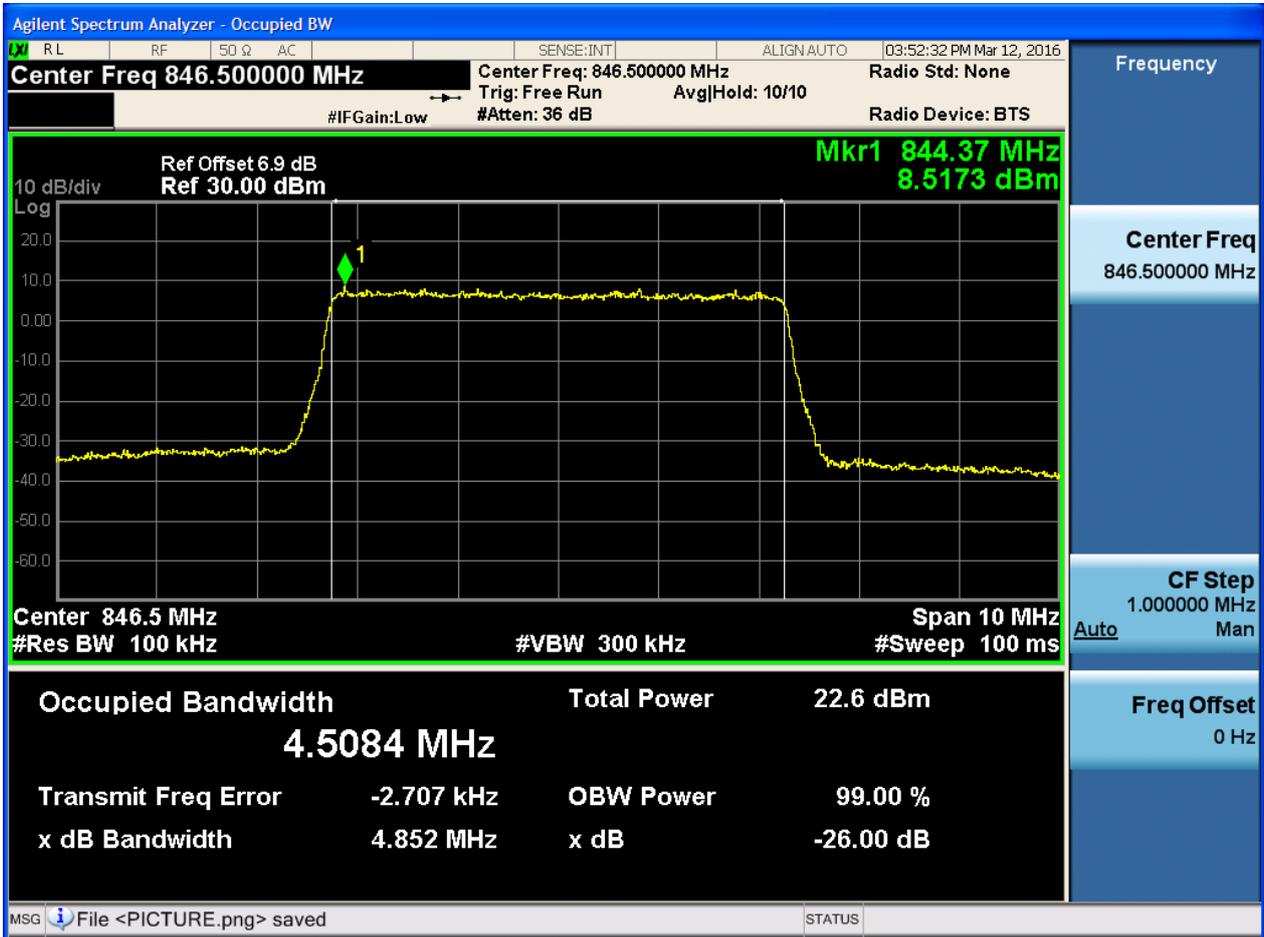
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0





4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

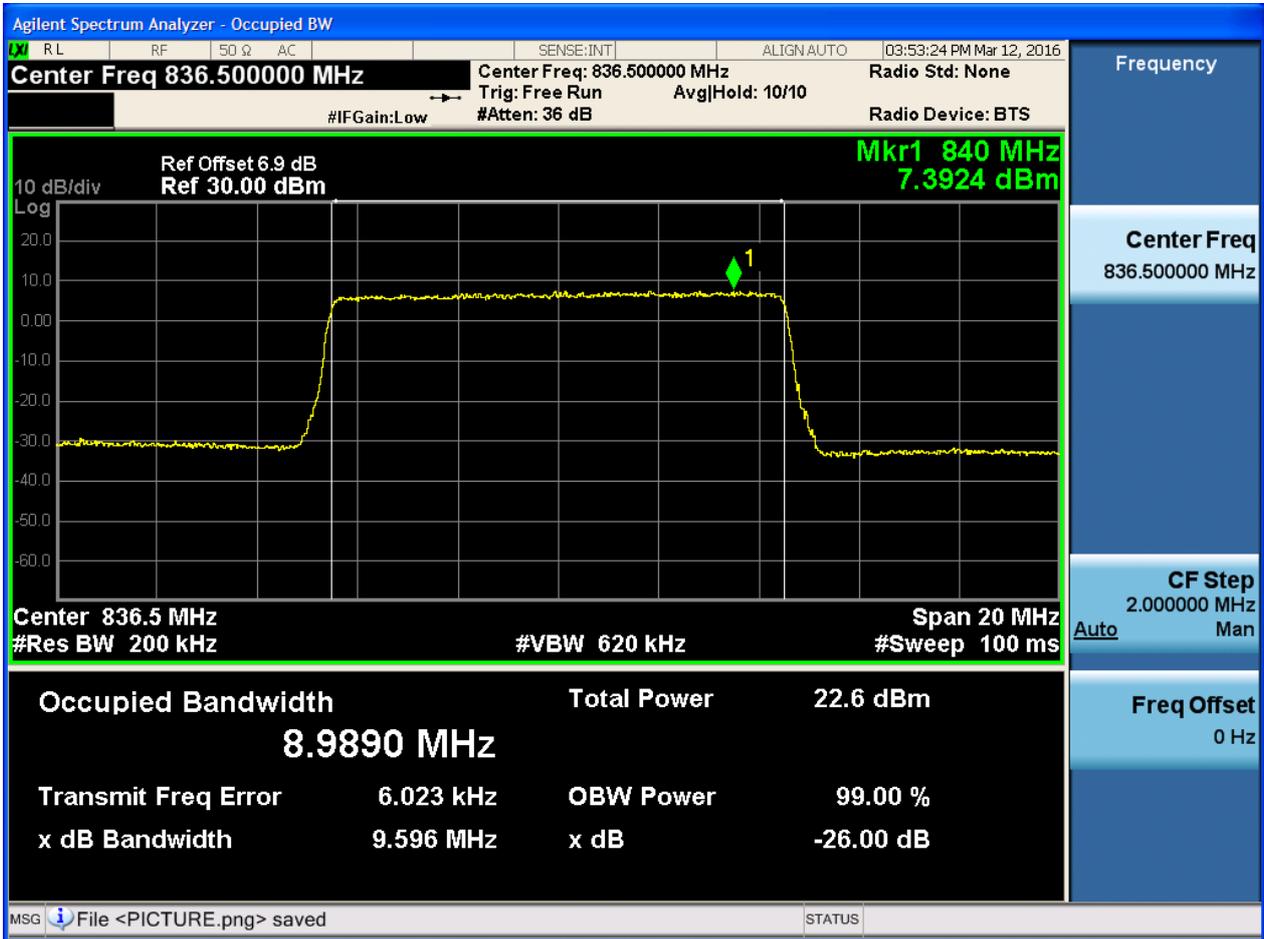
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

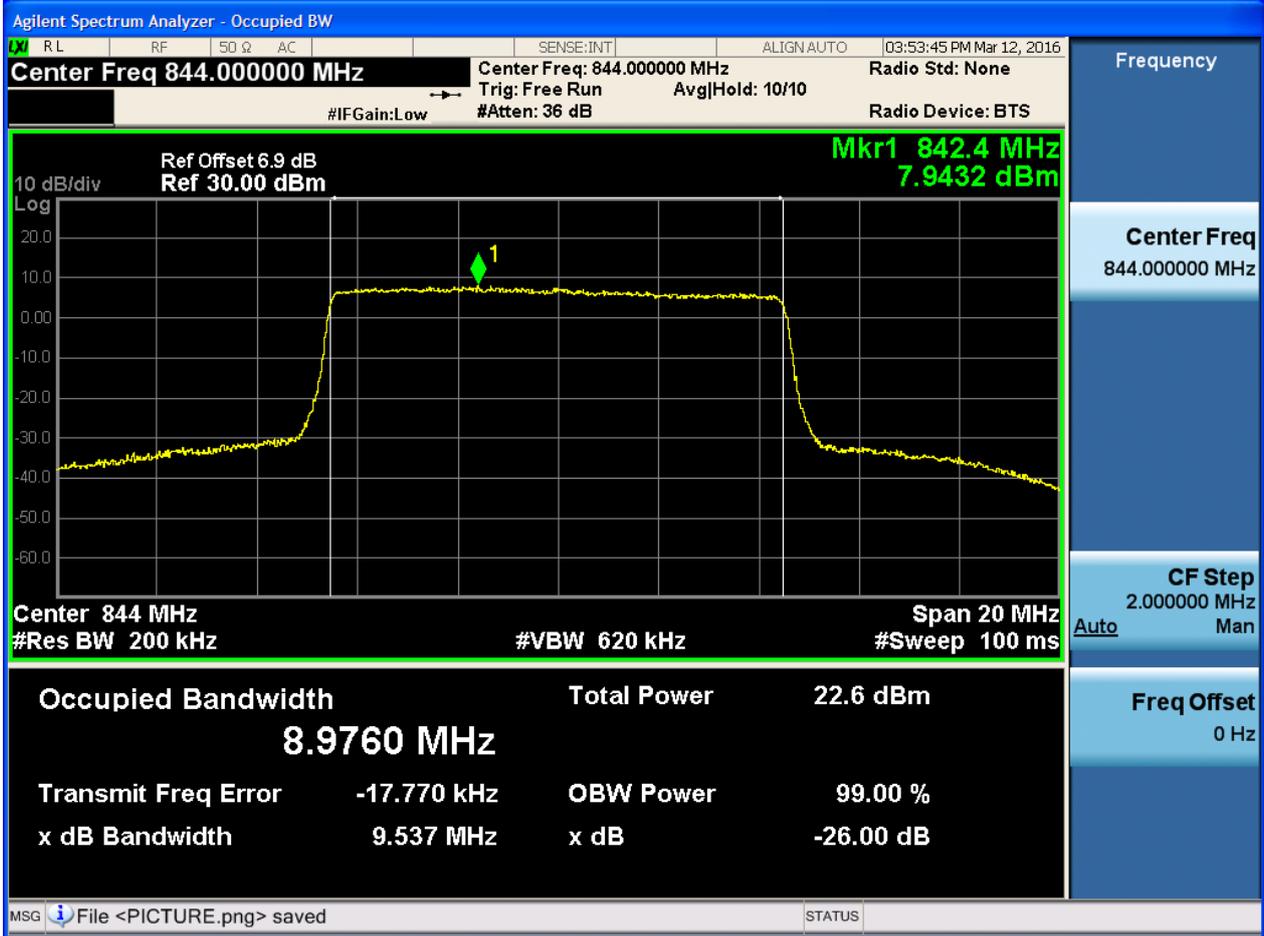
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0





### 4.2 For LTE

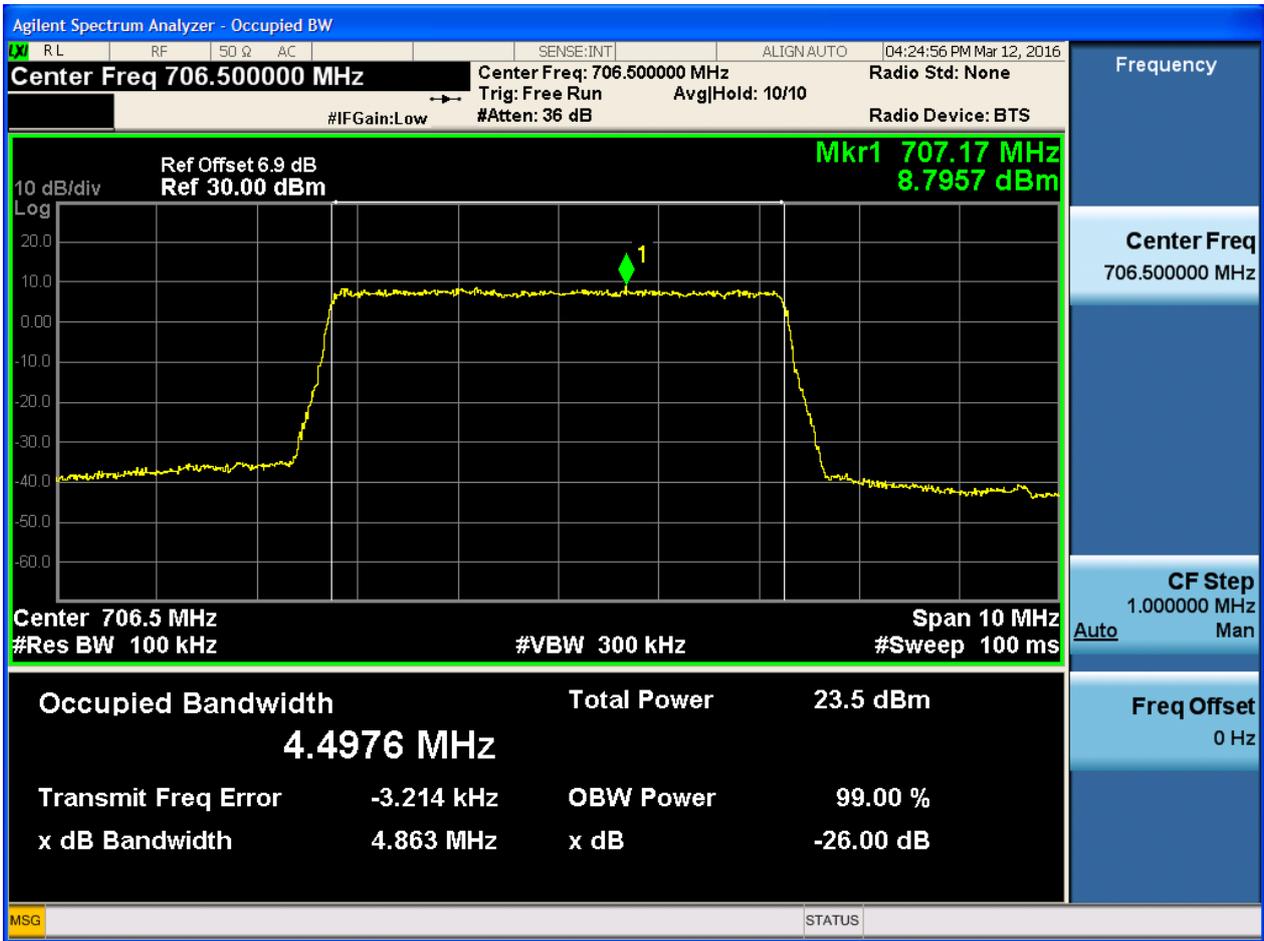
#### 4.2.1 Test Band = BAND17

##### 4.2.1.1 Test Mode = LTE/TM1

##### 4.2.1.1.1 Test Bandwidth = 5

##### 4.2.1.1.1.1 Test Channel = LCH

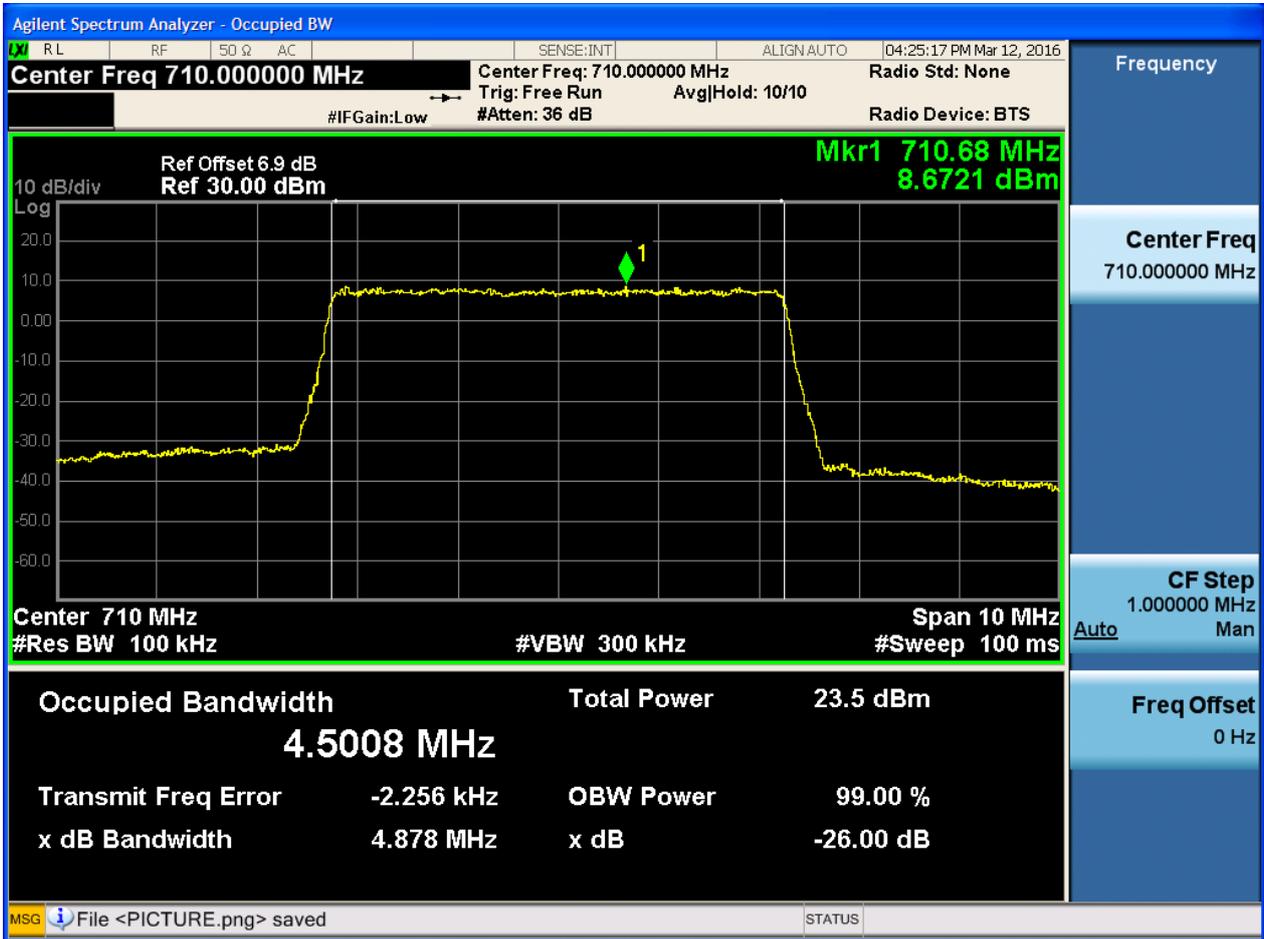
##### 4.2.1.1.1.1.1 Test RB = RB25#0





4.2.1.1.1.2 Test Channel = MCH

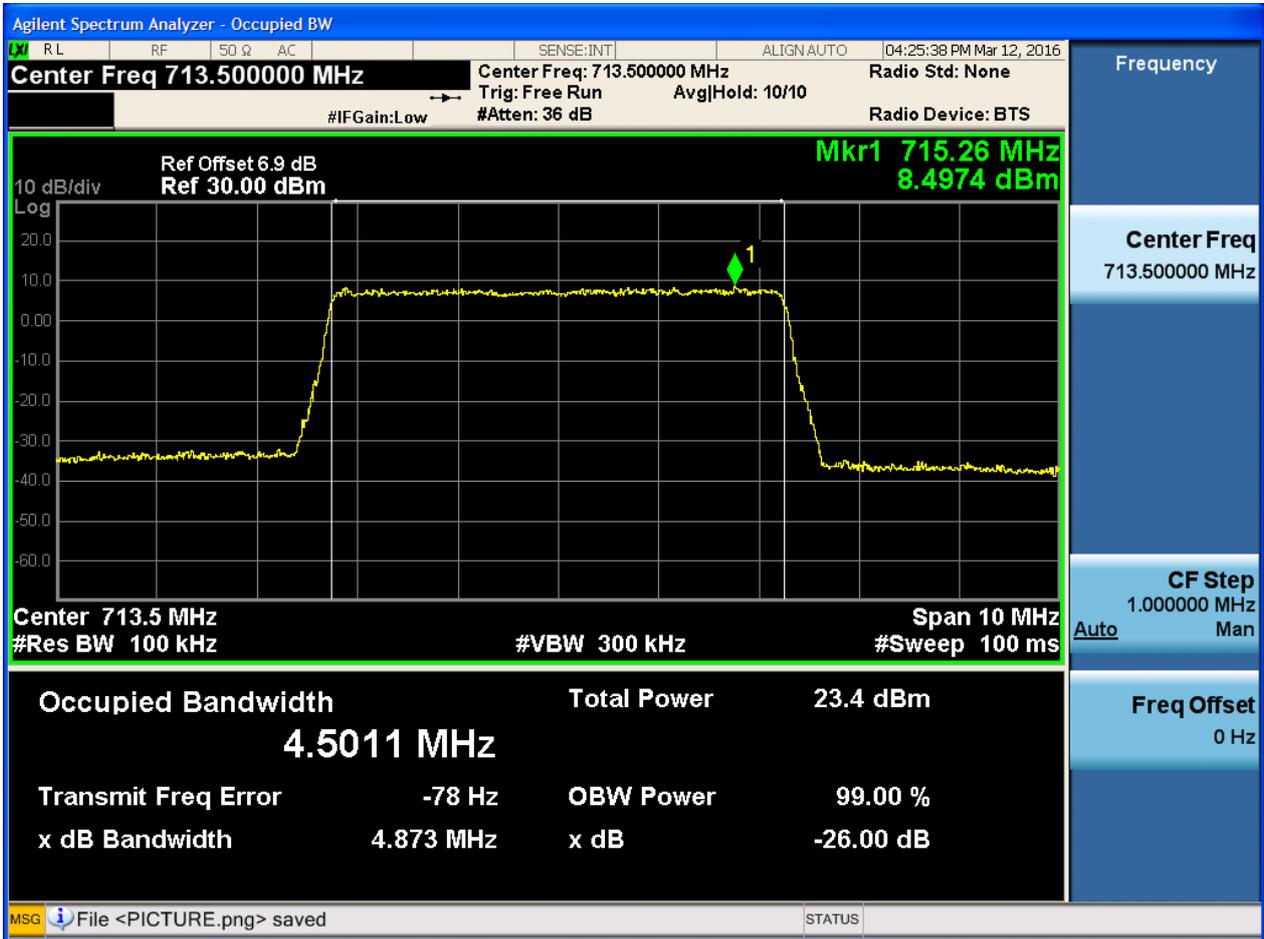
4.2.1.1.1.2.1 Test RB = RB25#0





4.2.1.1.1.3 Test Channel = HCH

4.2.1.1.1.3.1 Test RB = RB25#0

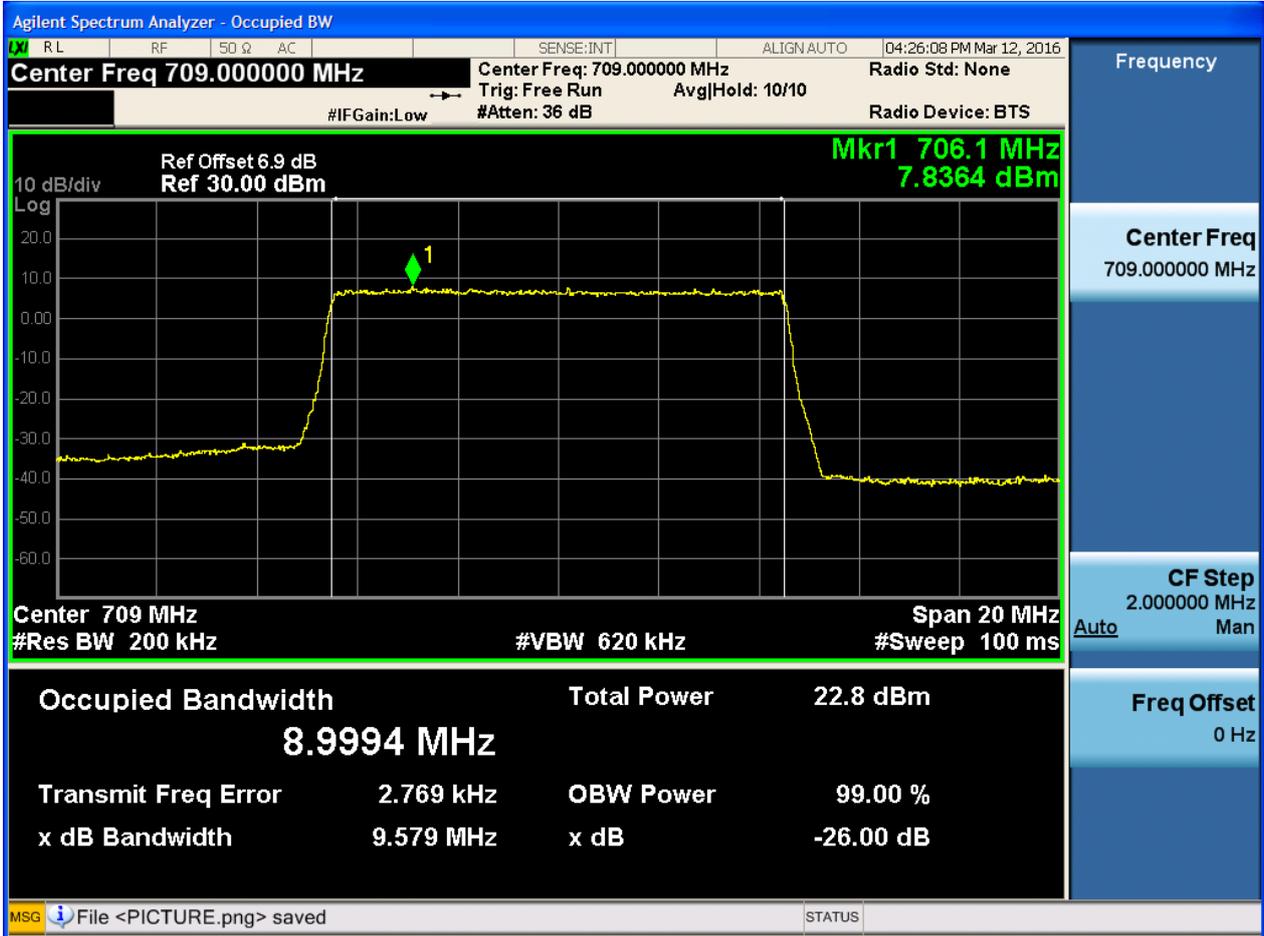




4.2.1.1.2 Test Bandwidth = 10

4.2.1.1.2.1 Test Channel = LCH

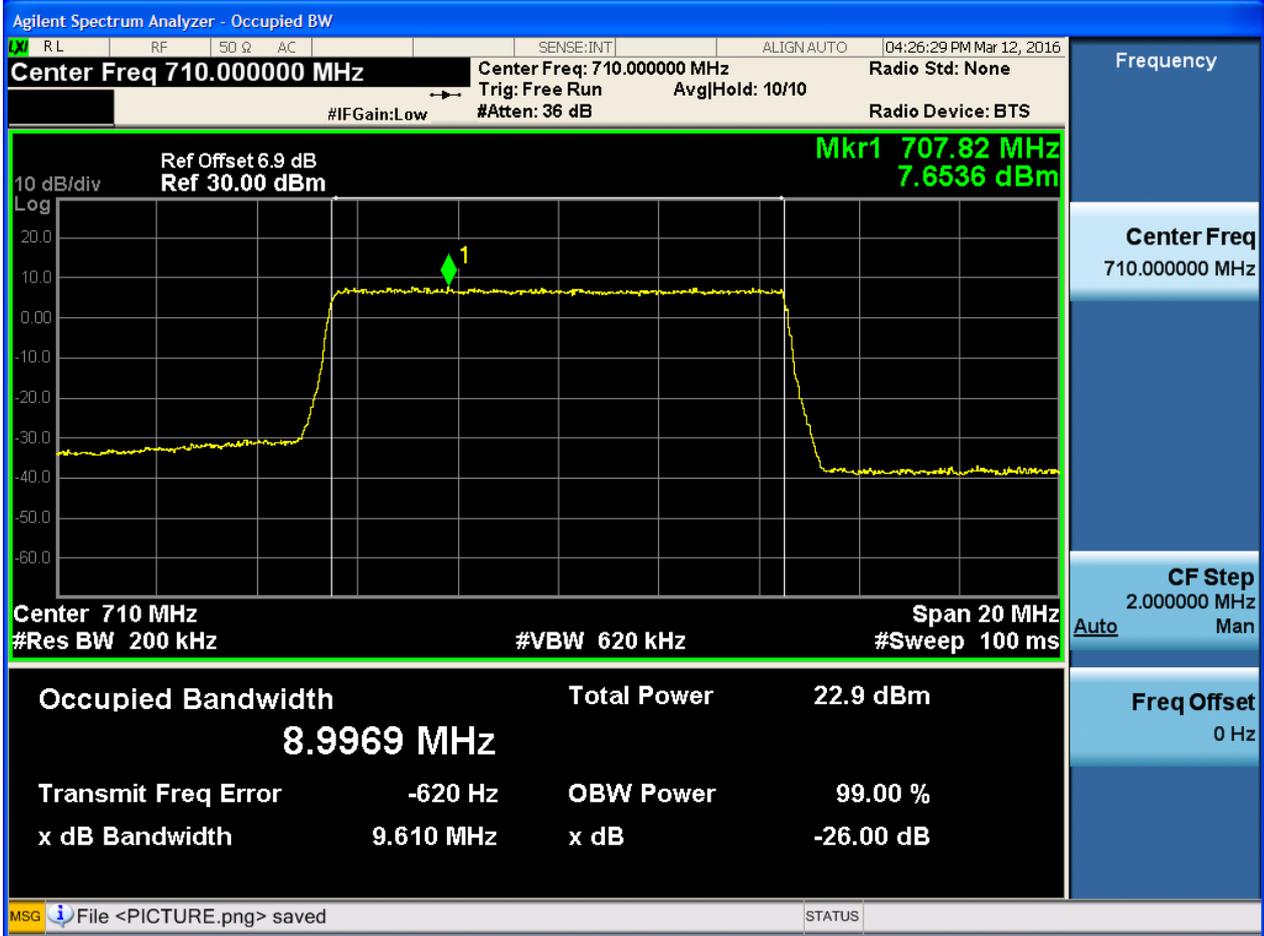
4.2.1.1.2.1.1 Test RB = RB50#0





4.2.1.1.2.2 Test Channel = MCH

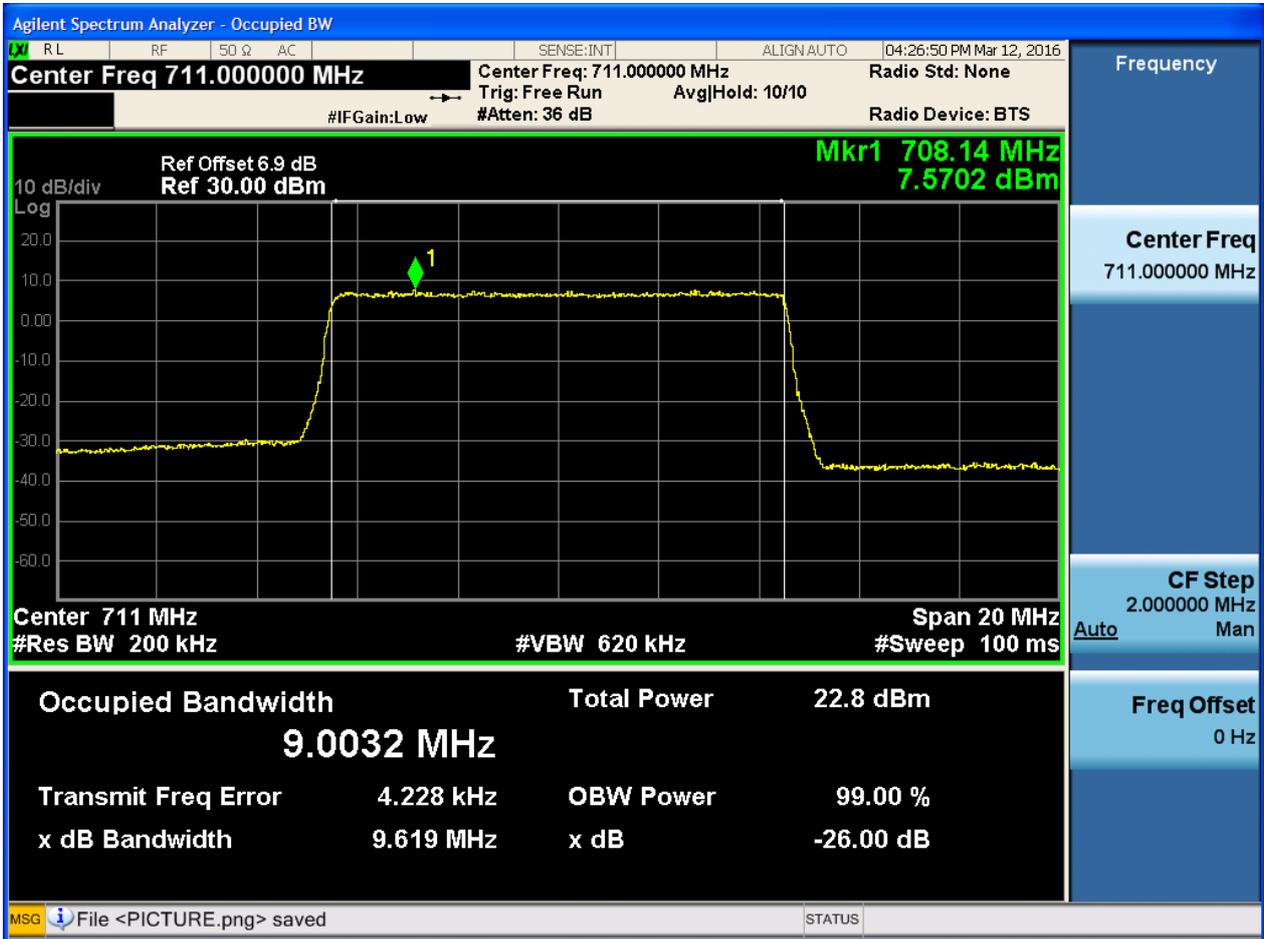
4.2.1.1.2.2.1 Test RB = RB50#0





4.2.1.1.2.3 Test Channel = HCH

4.2.1.1.2.3.1 Test RB = RB50#0



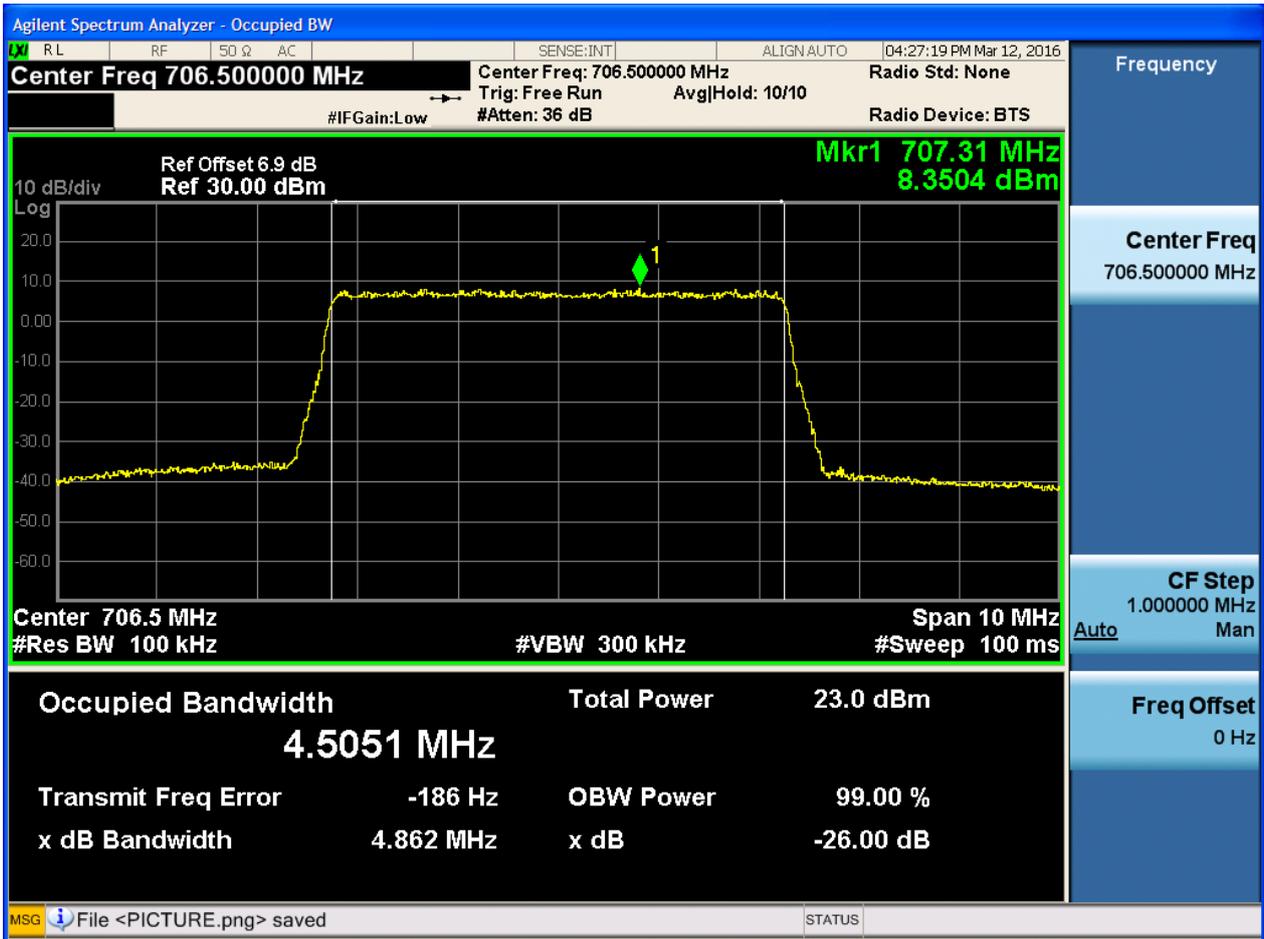


4.2.1.2 Test Mode = LTE/TM2

4.2.1.2.1 Test Bandwidth = 5

4.2.1.2.1.1 Test Channel = LCH

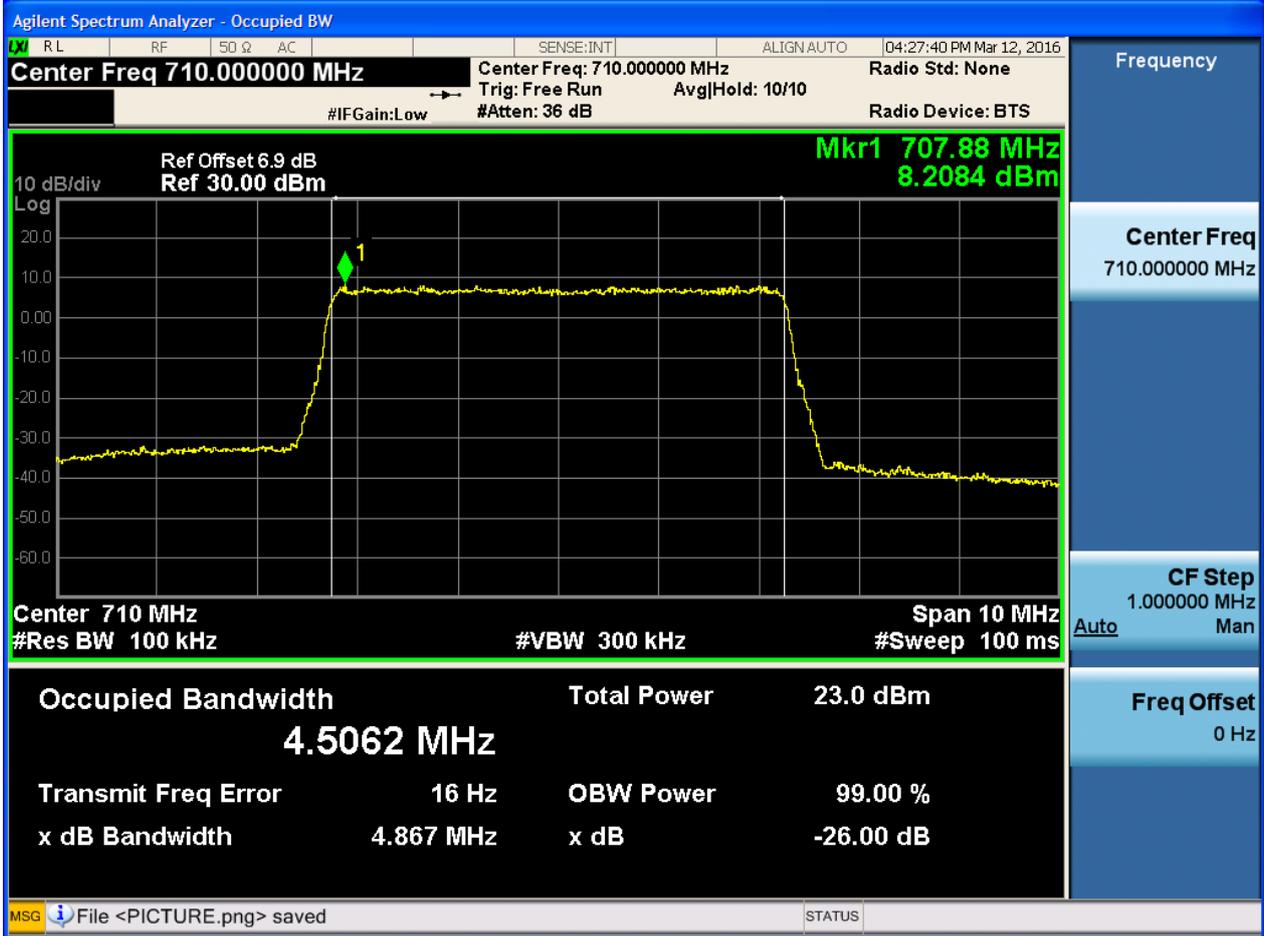
4.2.1.2.1.1.1 Test RB = RB25#0





4.2.1.2.1.2 Test Channel = MCH

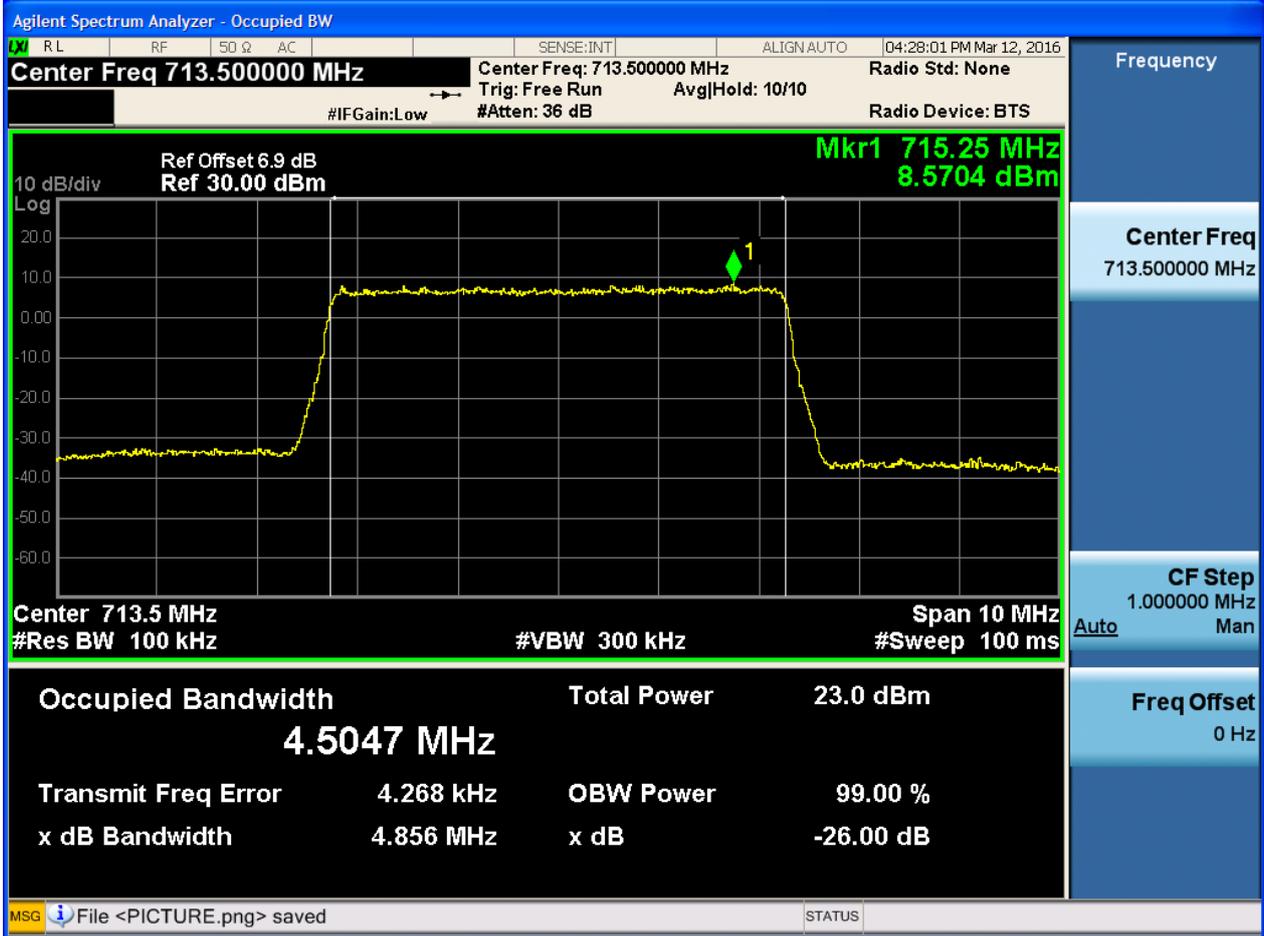
4.2.1.2.1.2.1 Test RB = RB25#0





4.2.1.2.1.3 Test Channel = HCH

4.2.1.2.1.3.1 Test RB = RB25#0

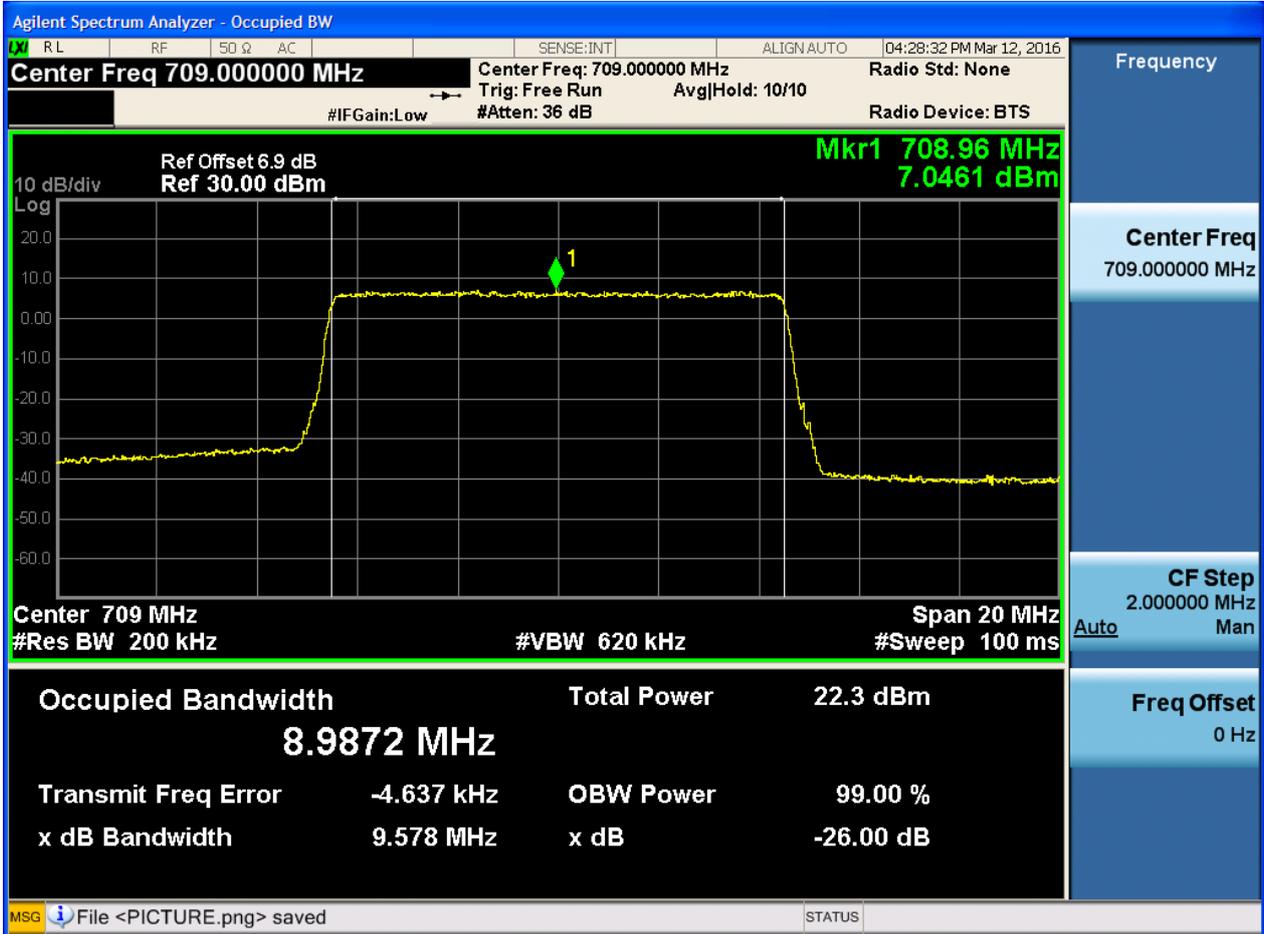




4.2.1.2.2 Test Bandwidth = 10

4.2.1.2.2.1 Test Channel = LCH

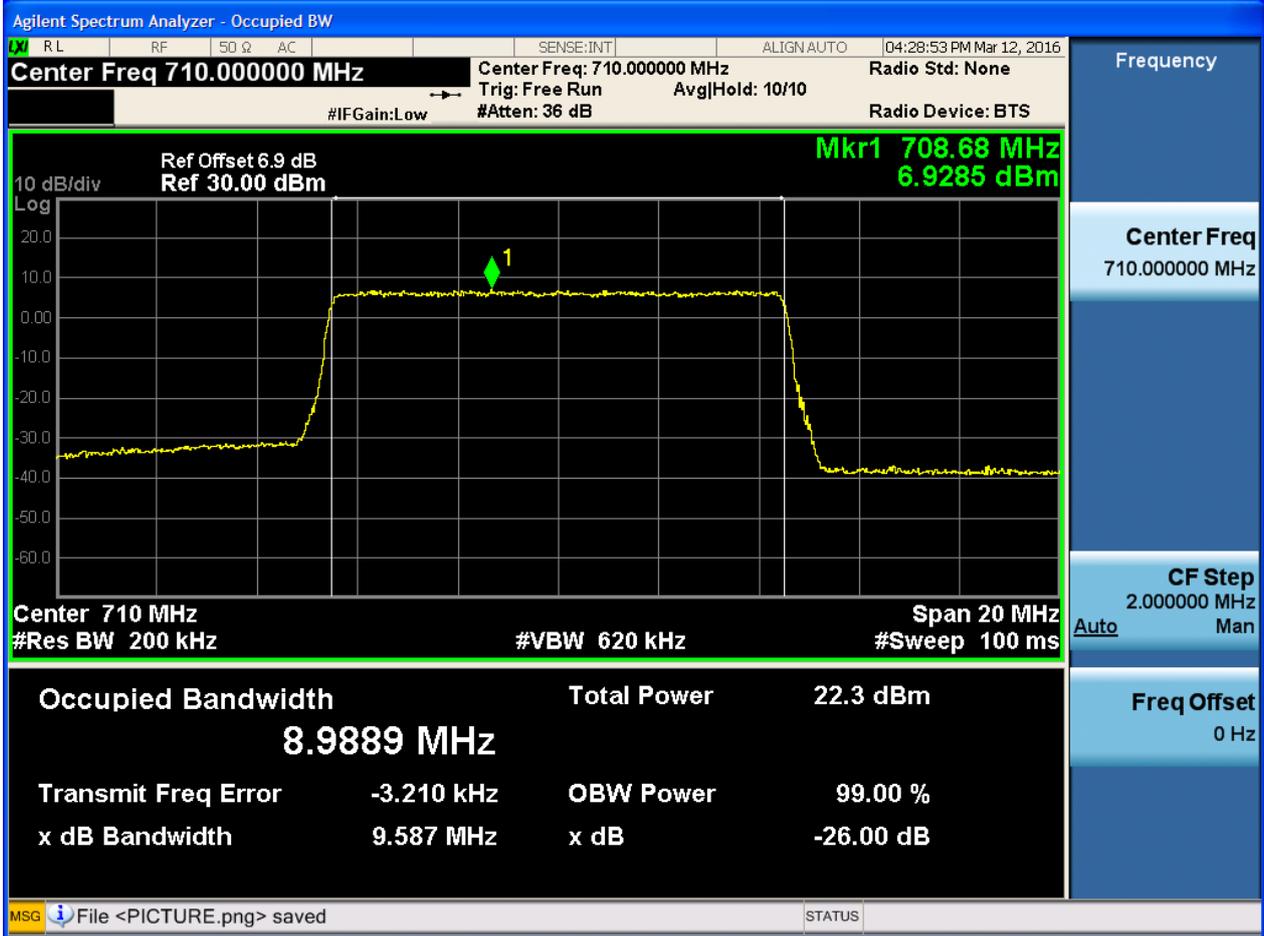
4.2.1.2.2.1.1 Test RB = RB50#0





4.2.1.2.2.2 Test Channel = MCH

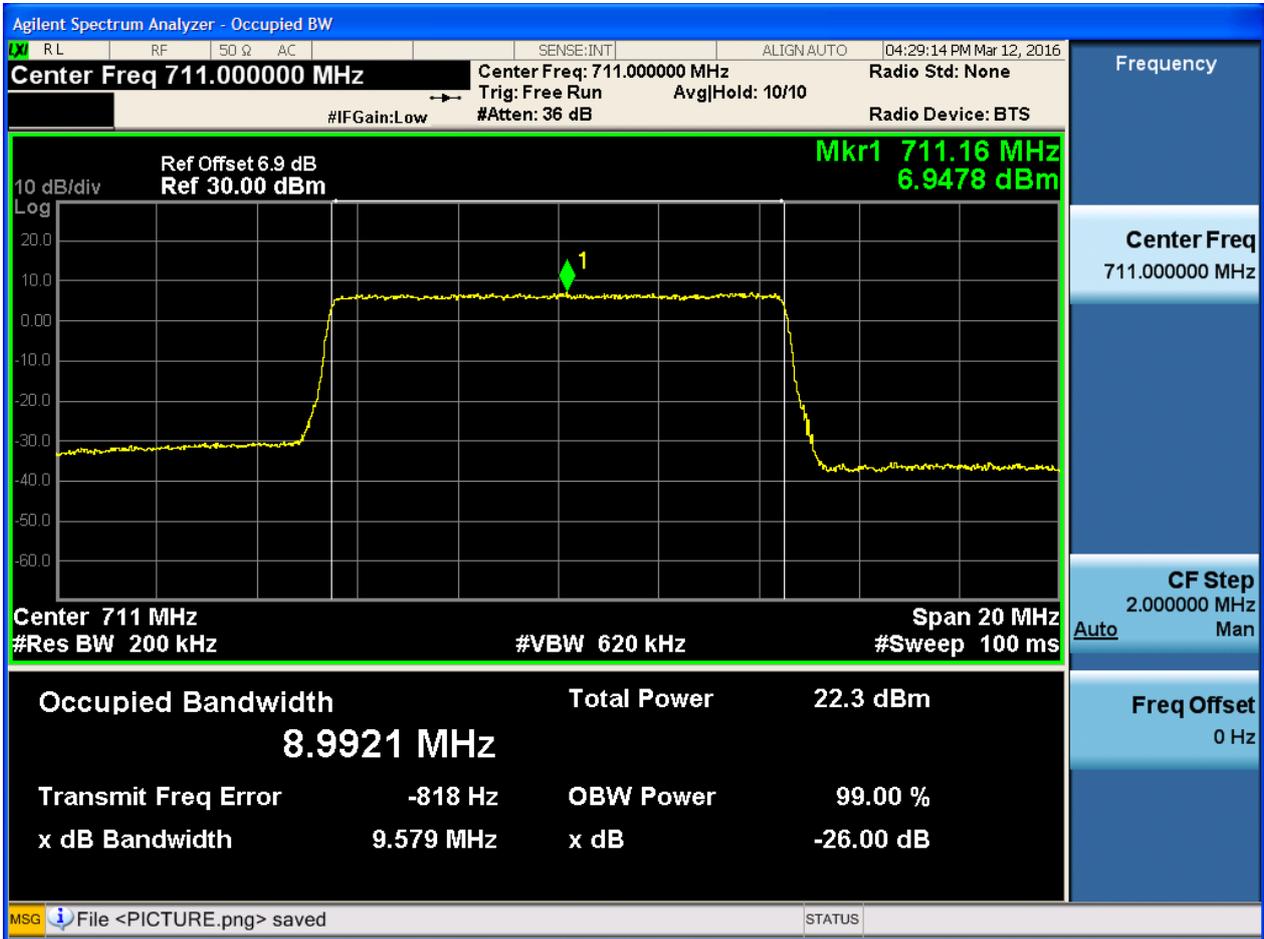
4.2.1.2.2.2.1 Test RB = RB50#0





4.2.1.2.2.3 Test Channel = HCH

4.2.1.2.2.3.1 Test RB = RB50#0





## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

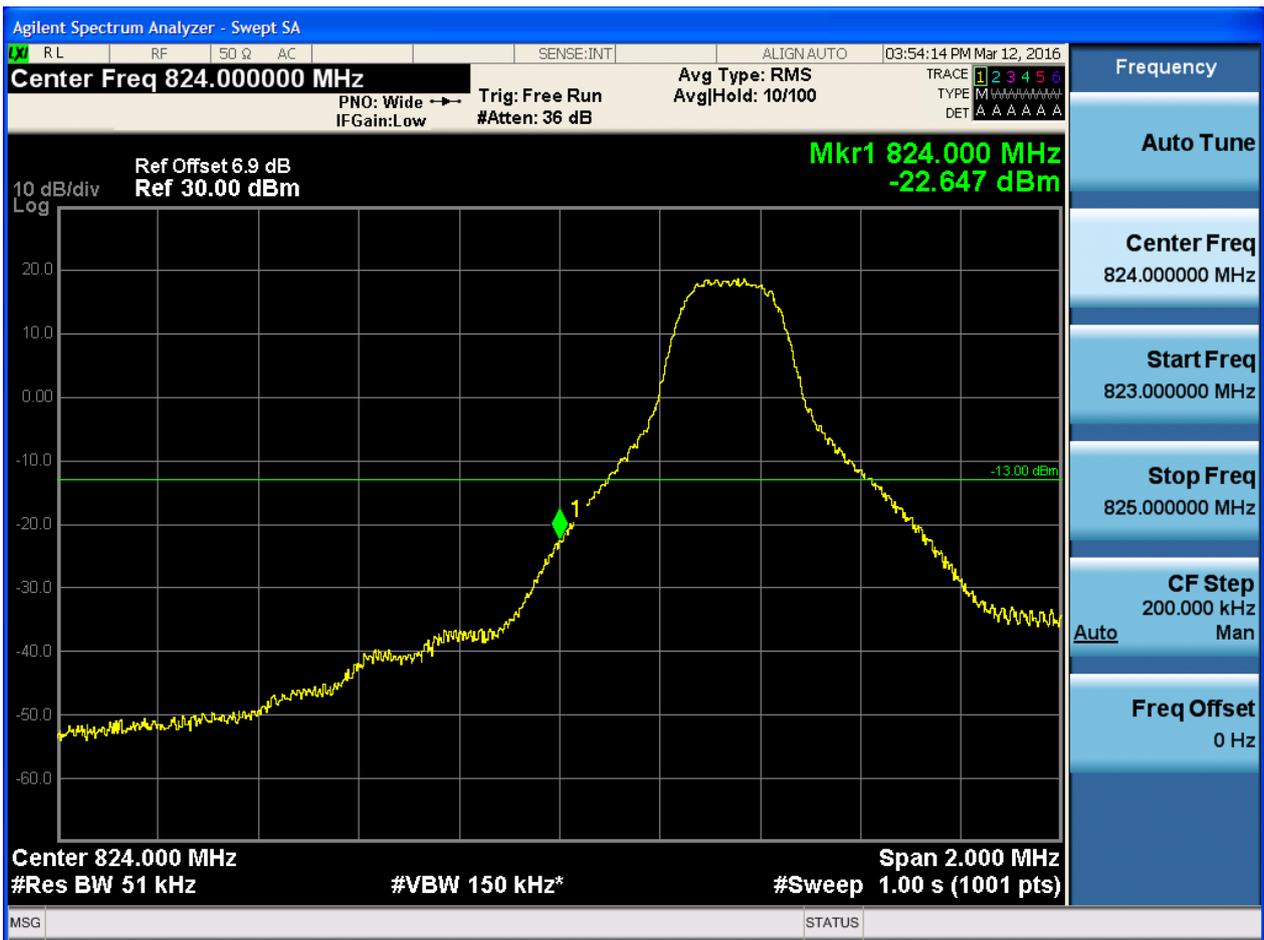
##### 5.1.1 Test Band = BAND5

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

##### 5.1.1.1.1 Test Bandwidth = 5

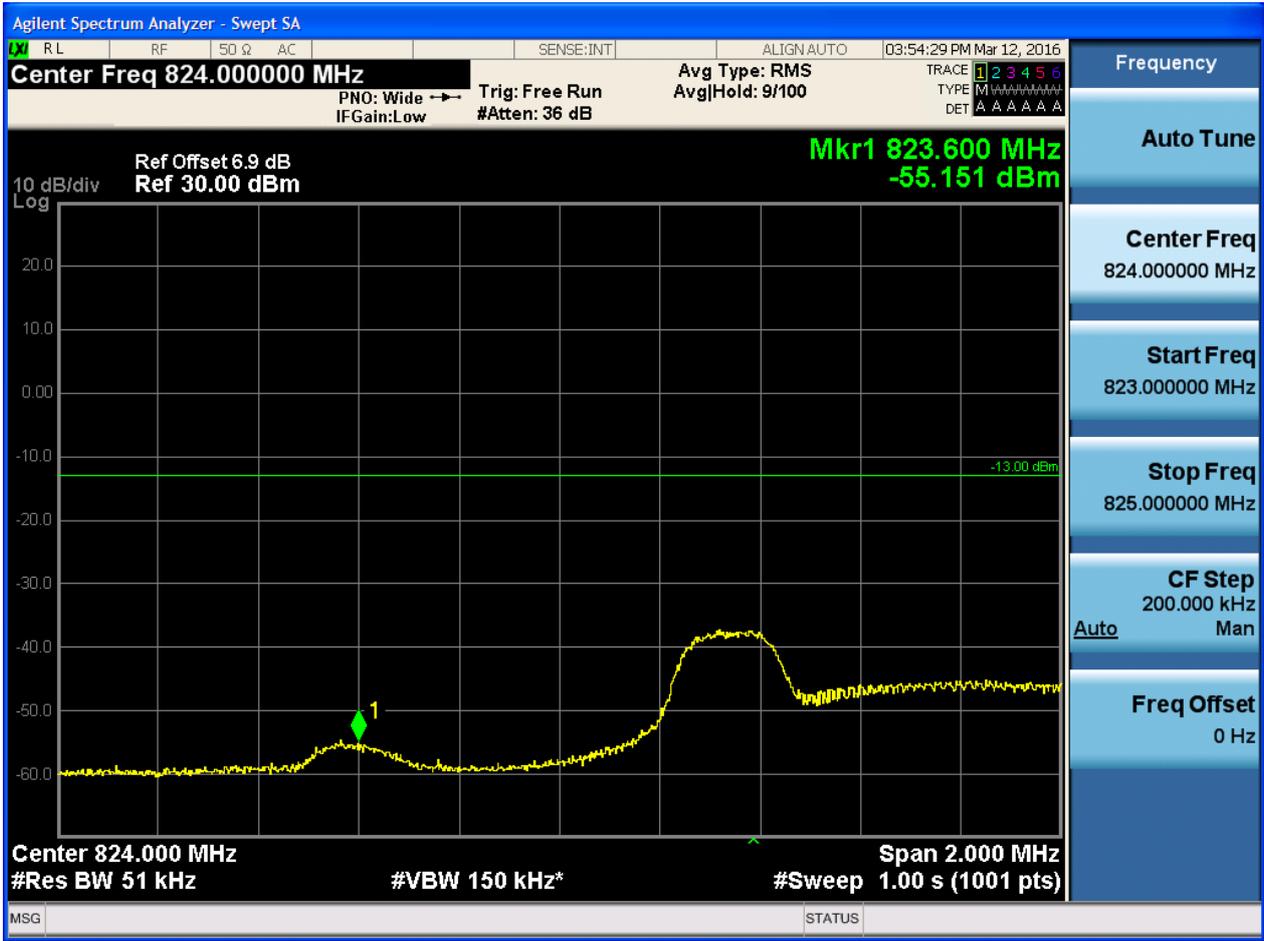
##### 5.1.1.1.1.1 Test Channel = LCH

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





5.1.1.1.1.2 Test RB = RB1#24





5.1.1.1.1.3 Test RB = RB12#6





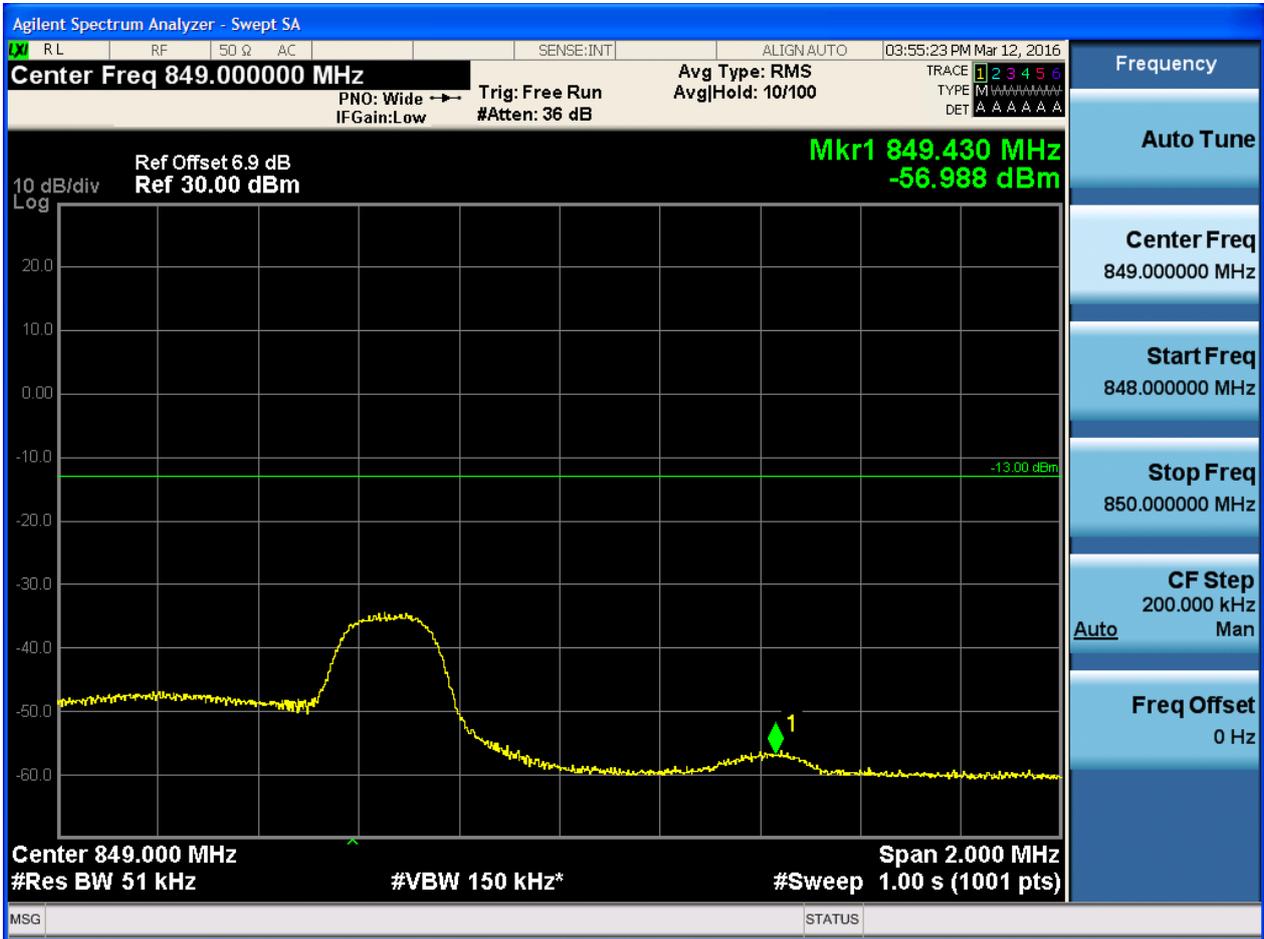
5.1.1.1.1.4 Test RB = RB25#0





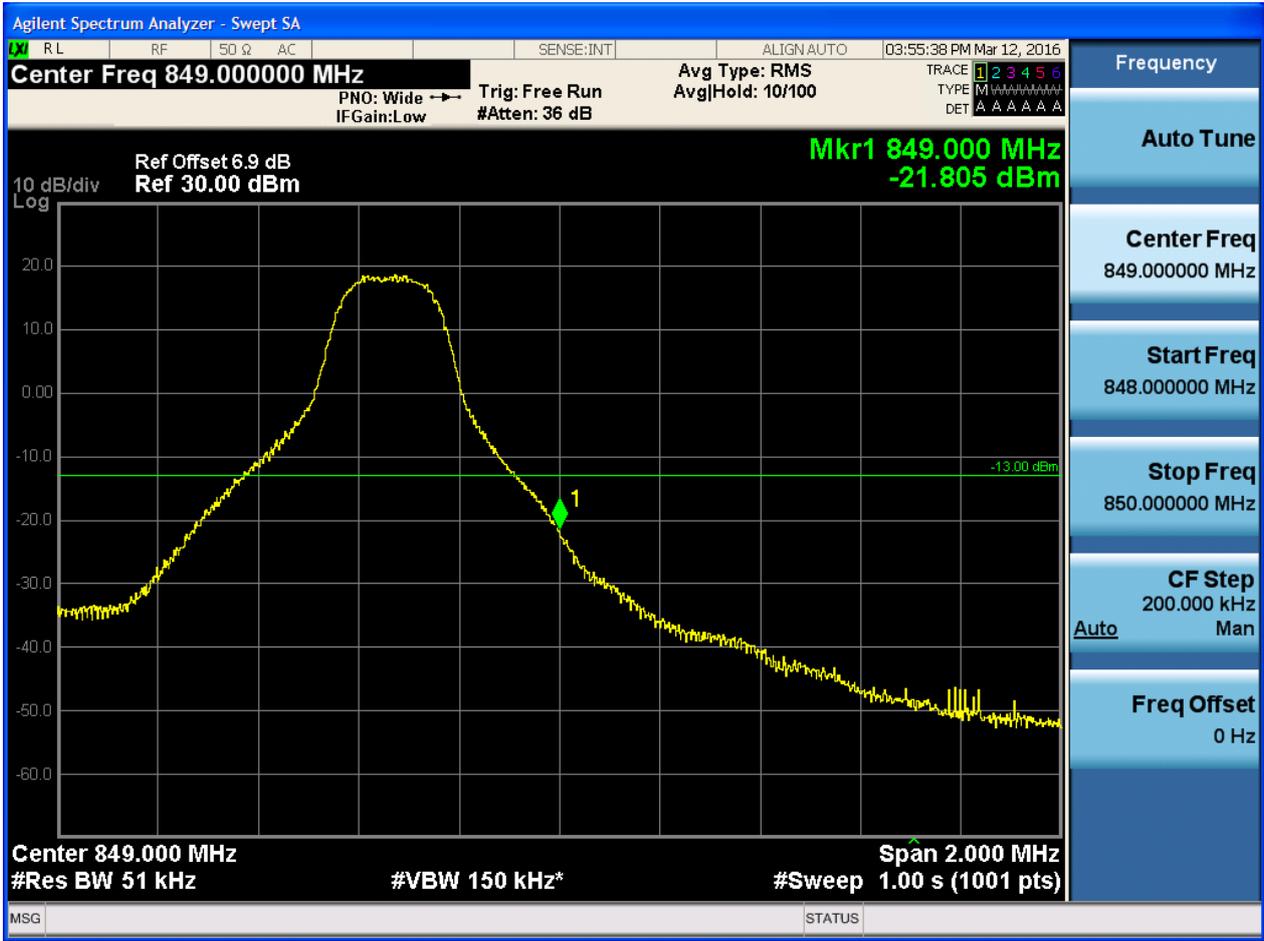
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.2.4 Test RB = RB25#0

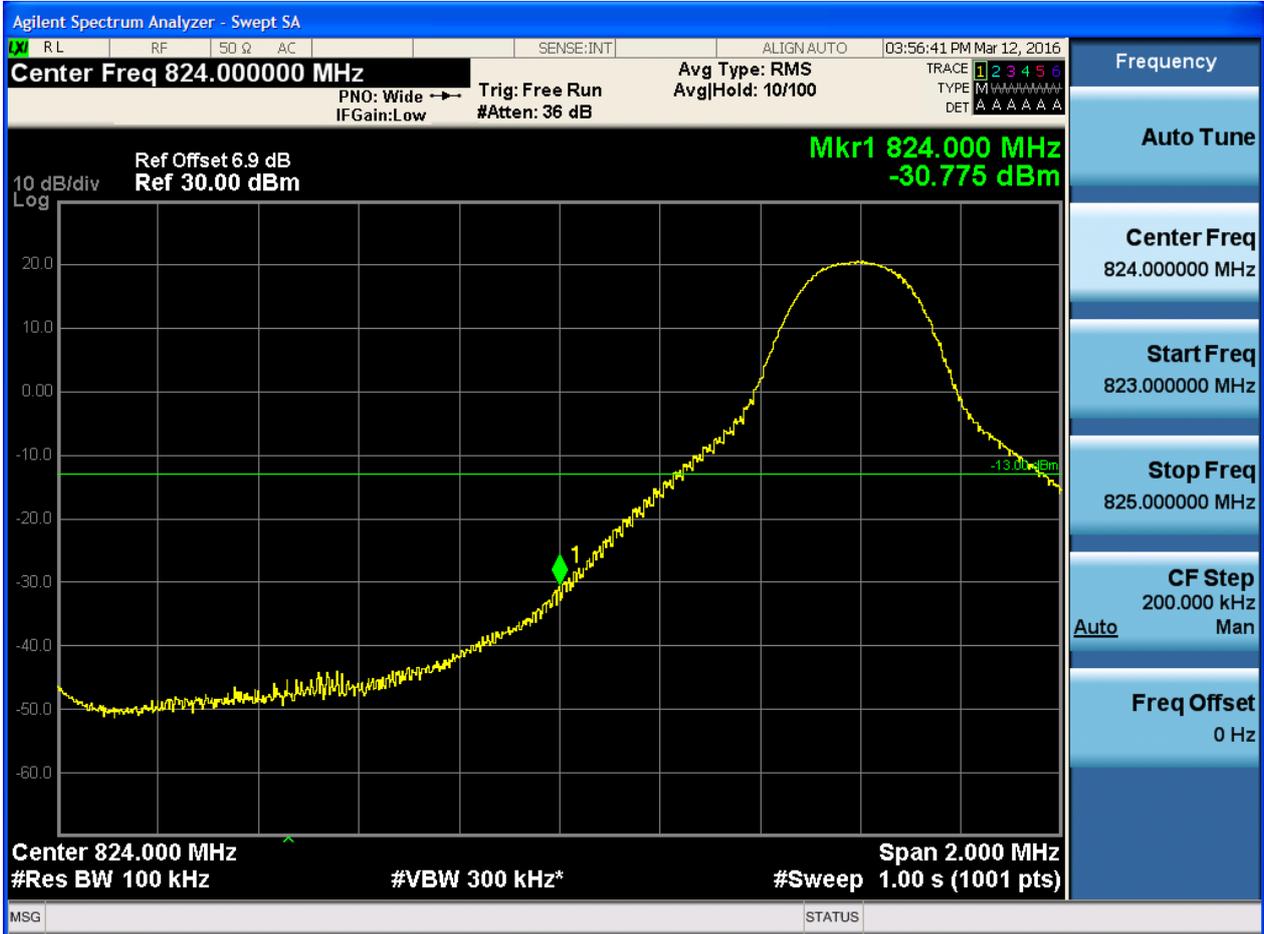




5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



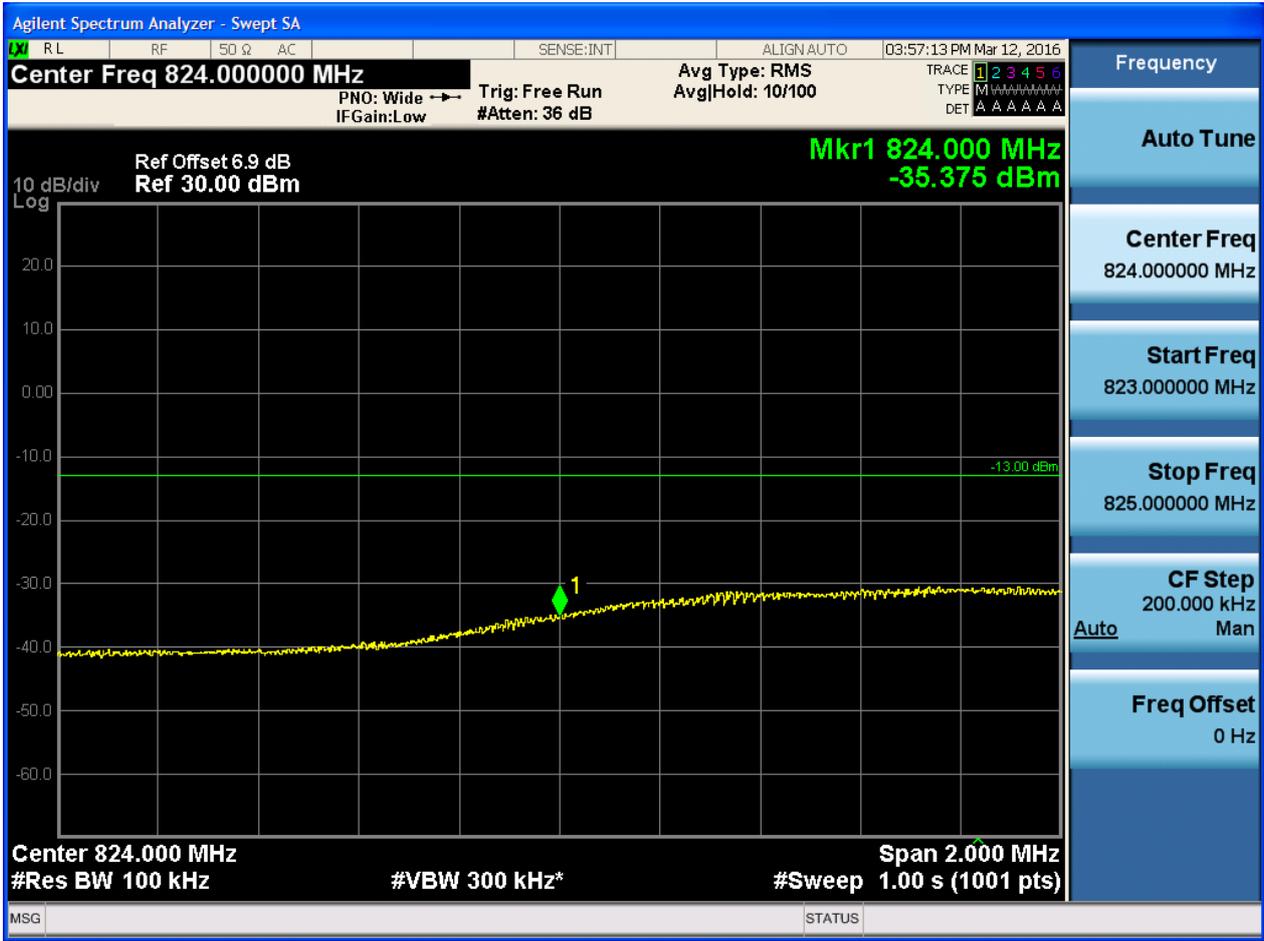


5.1.1.1.2.1.2 Test RB = RB1#49





5.1.1.1.2.1.3 Test RB = RB25#13





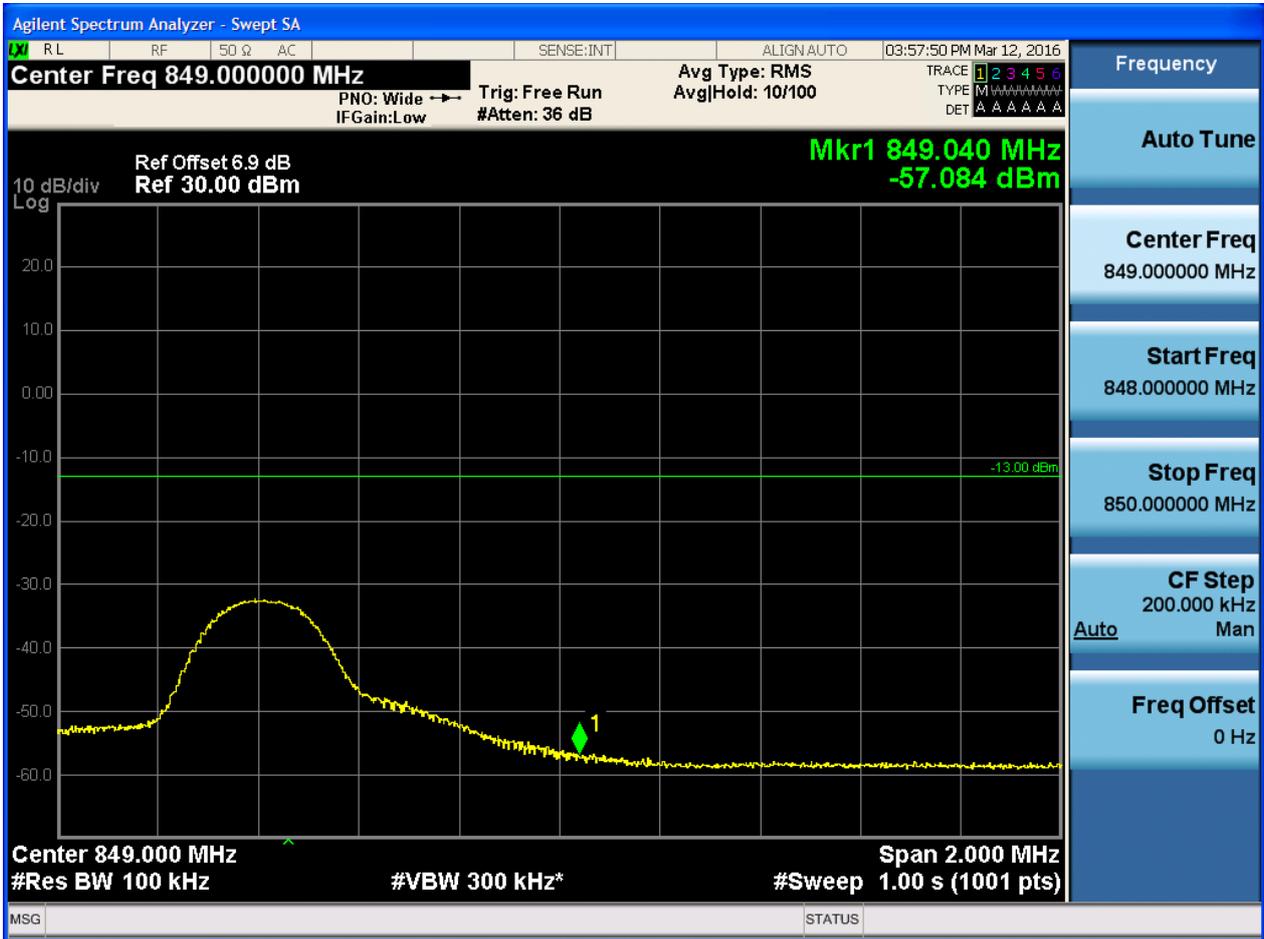
5.1.1.1.2.1.4 Test RB = RB50#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



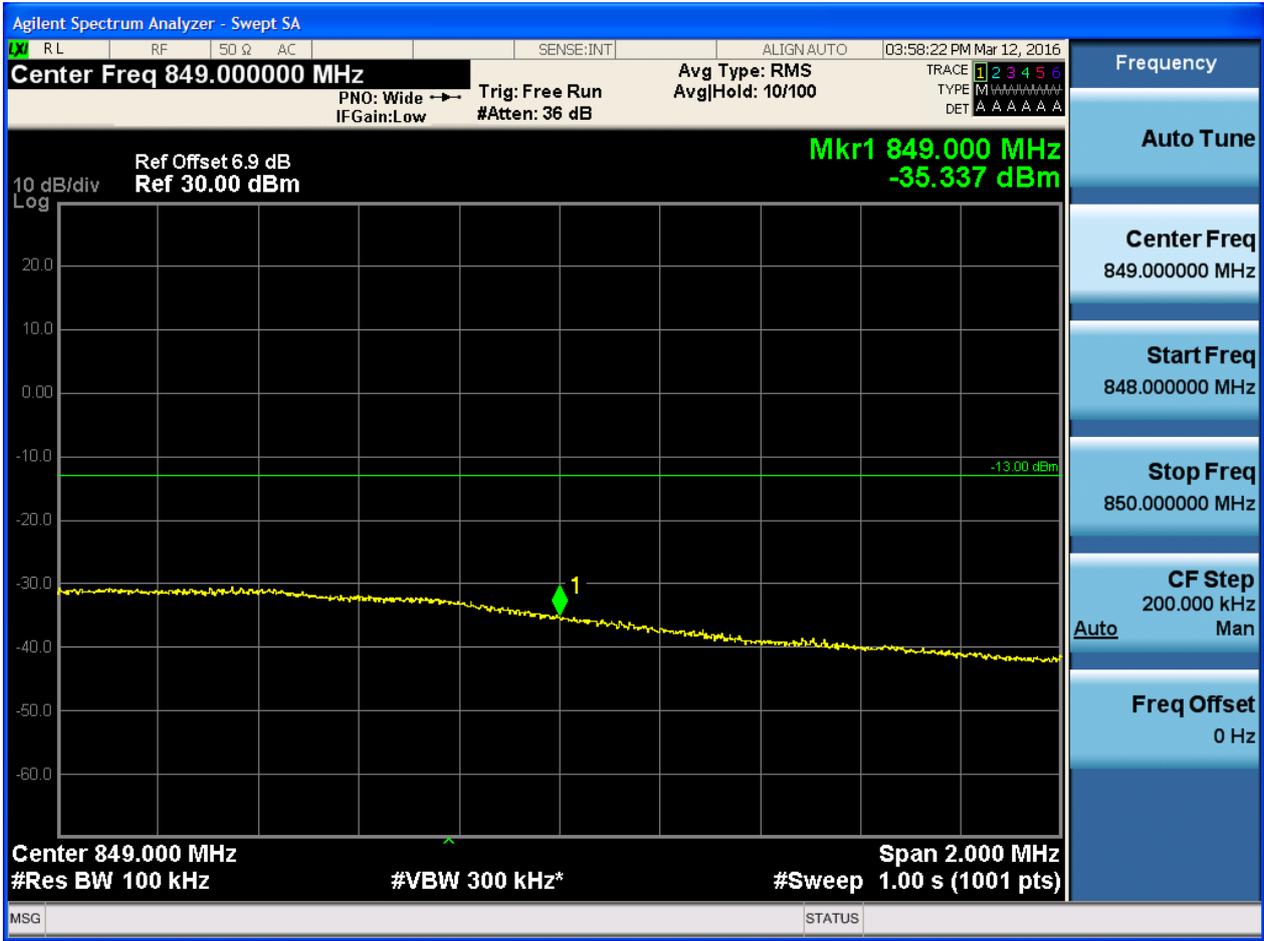


5.1.1.1.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0



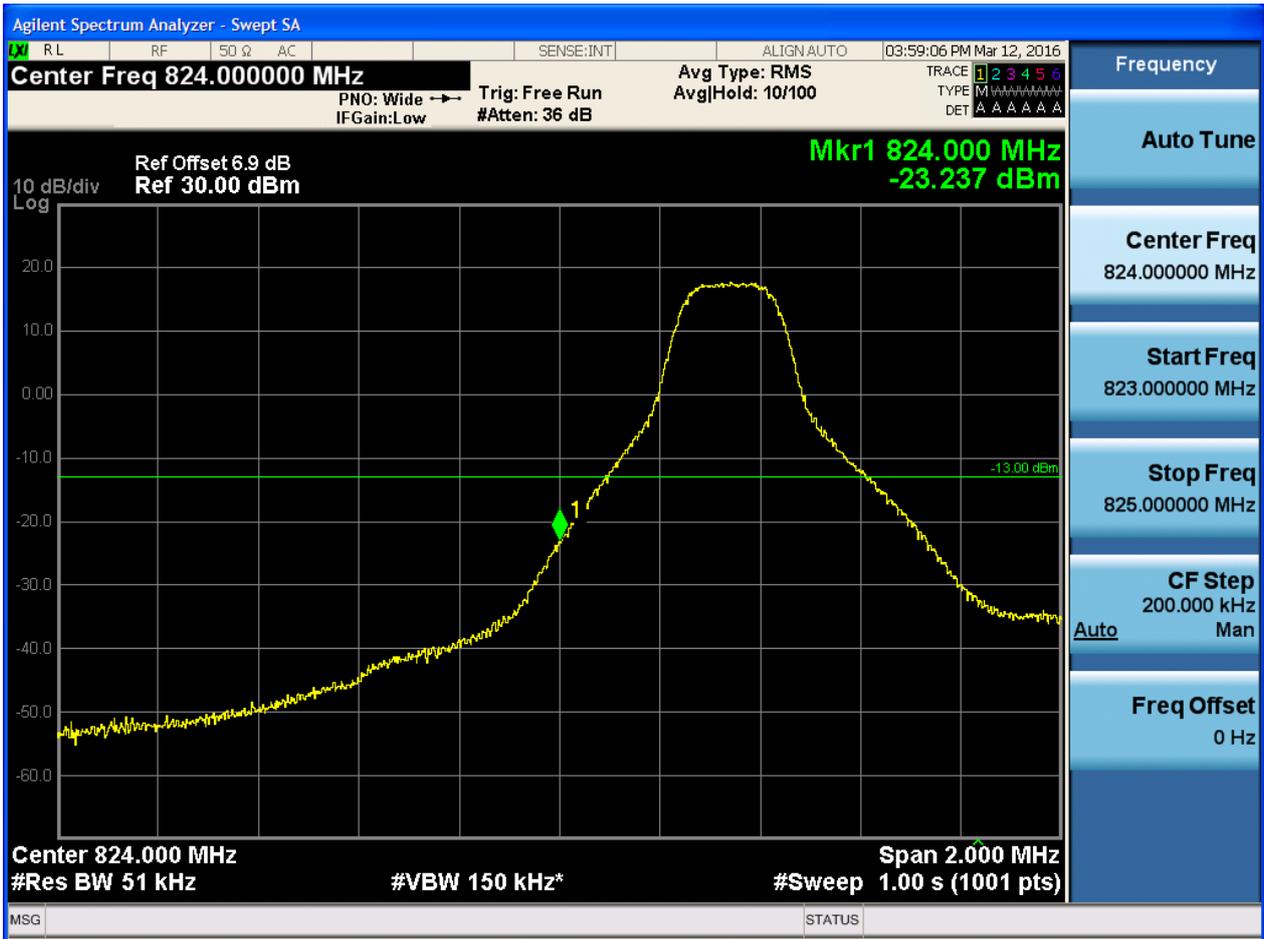


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

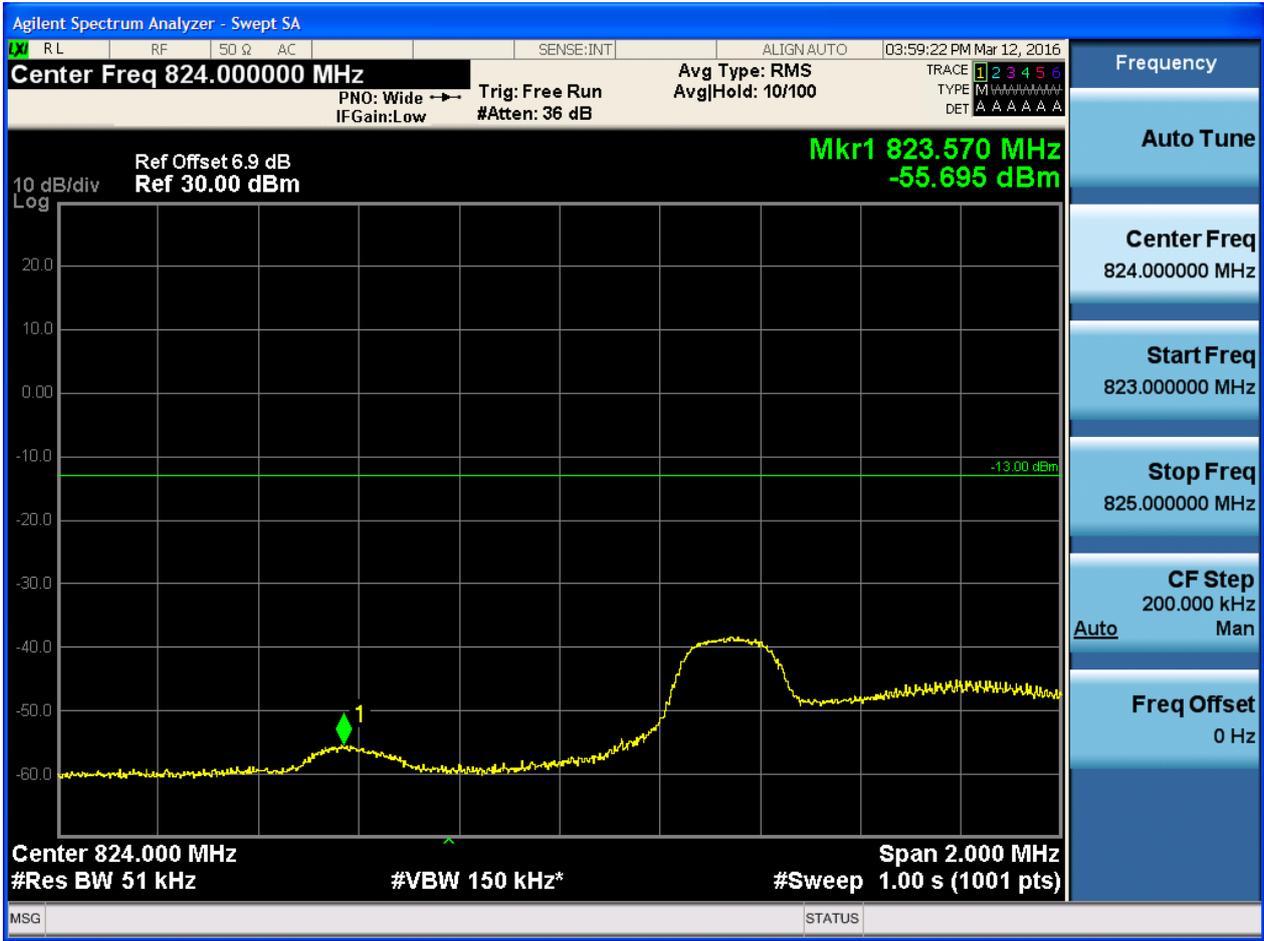
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





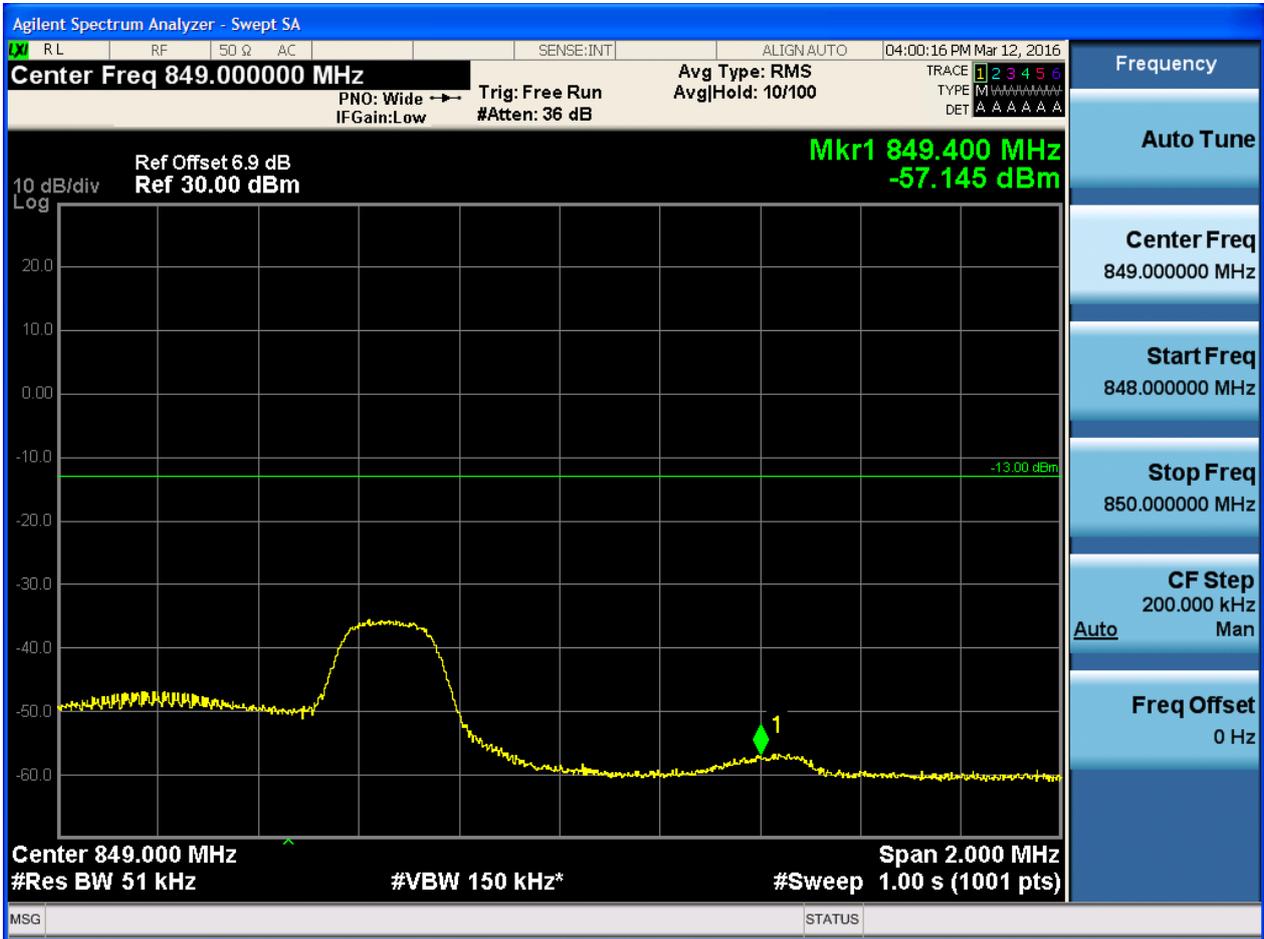
5.1.1.2.1.1.4 Test RB = RB25#0





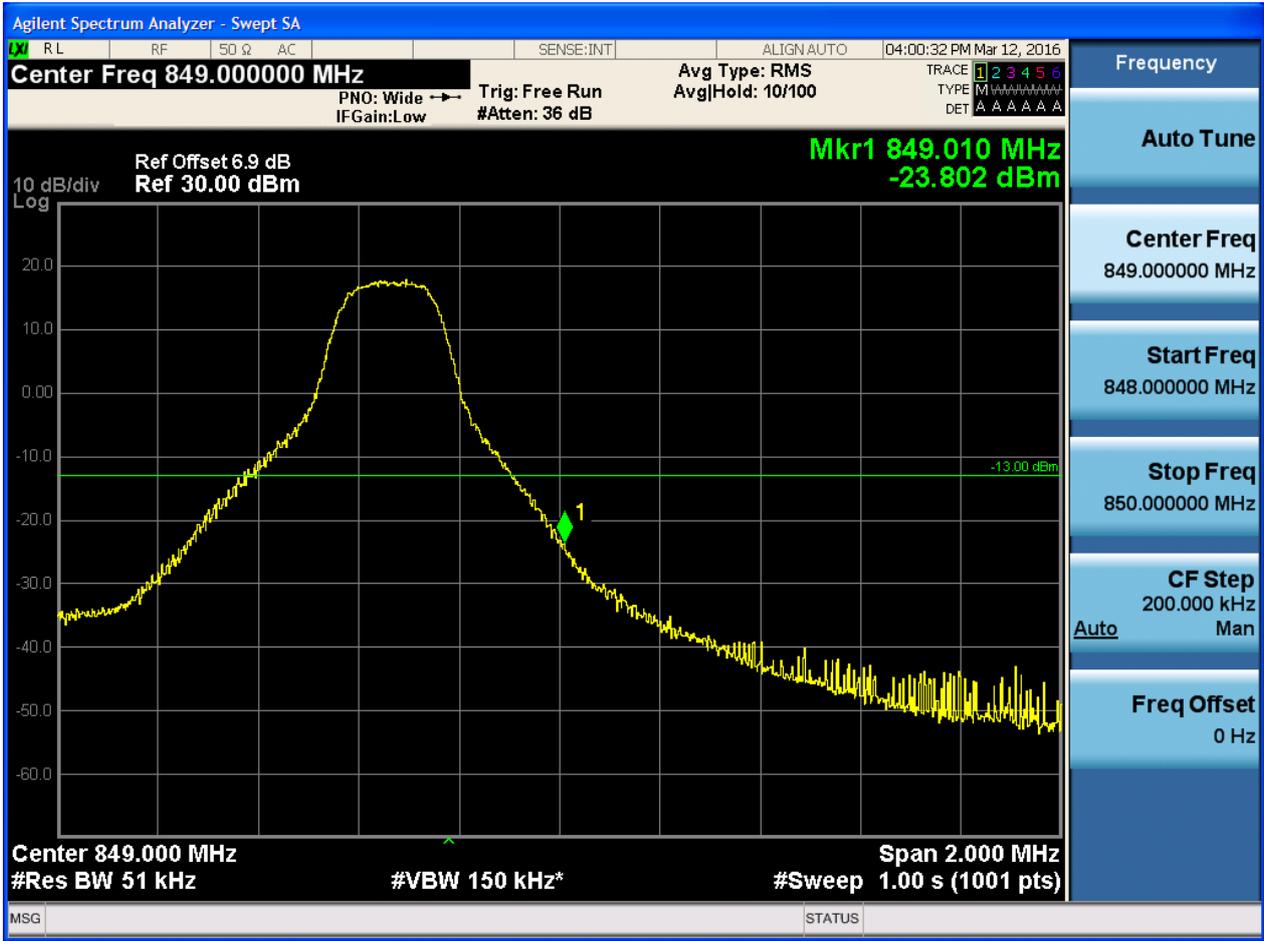
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

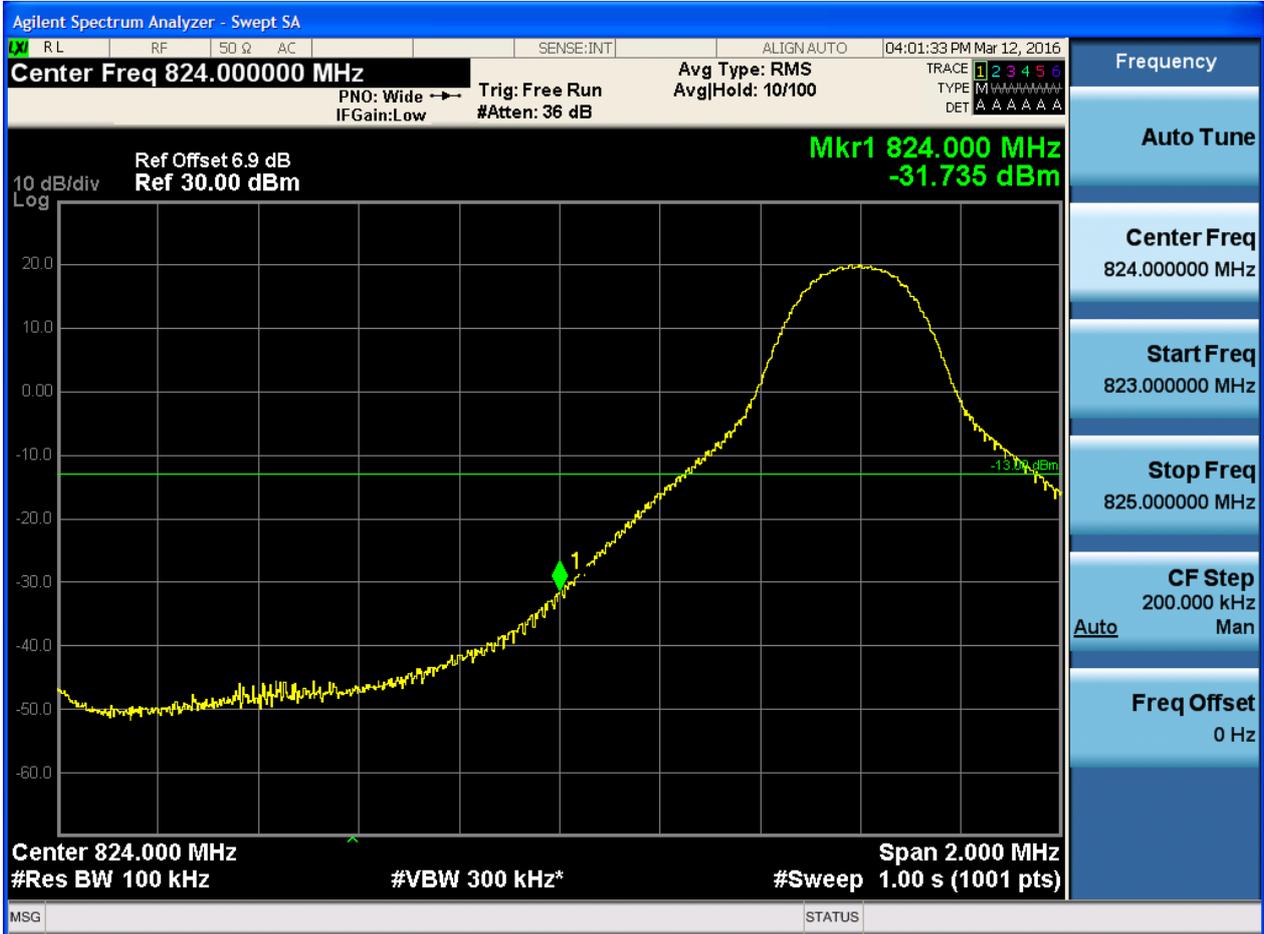




5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



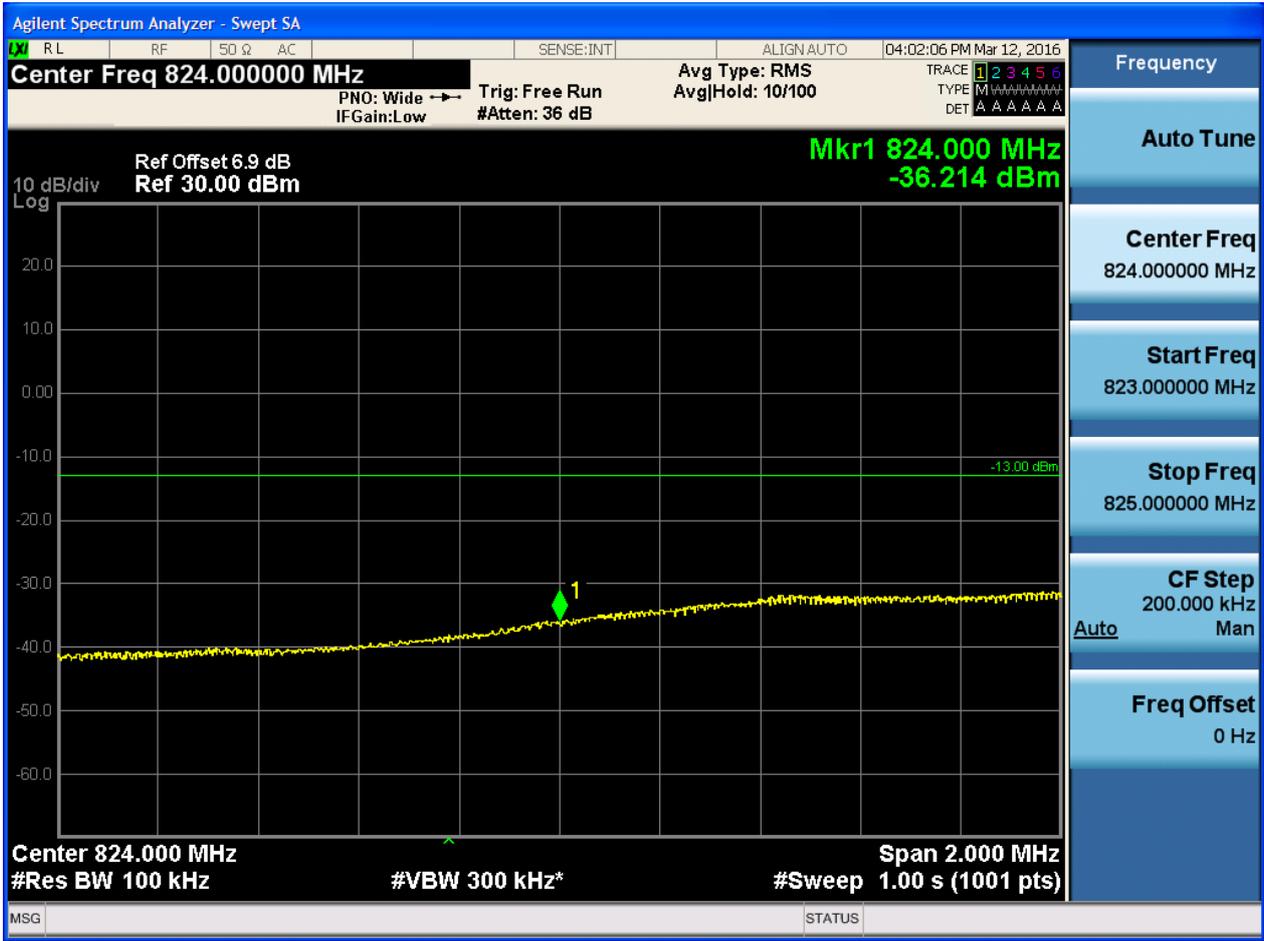


5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





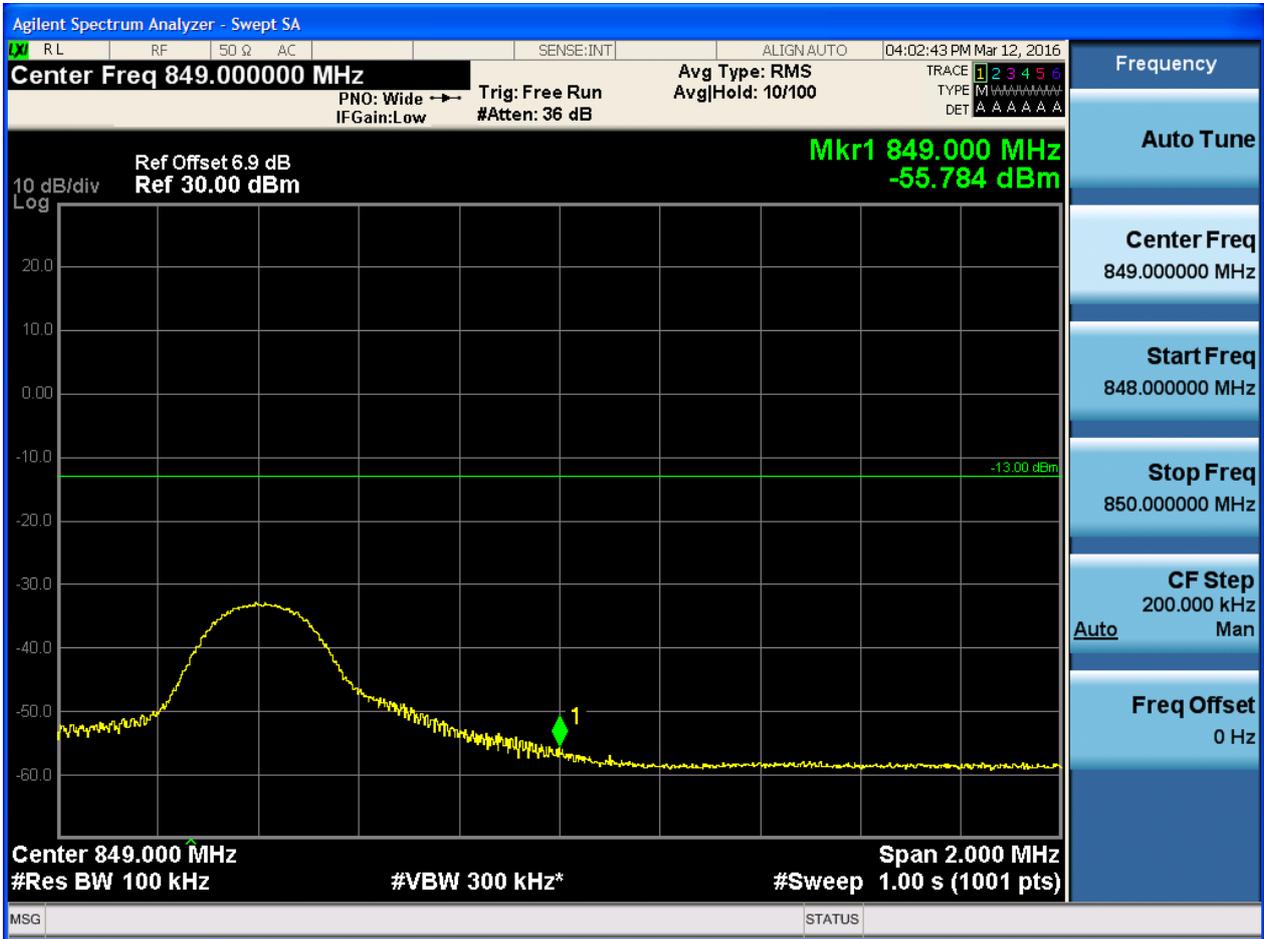
5.1.1.2.2.1.4 Test RB = RB50#0





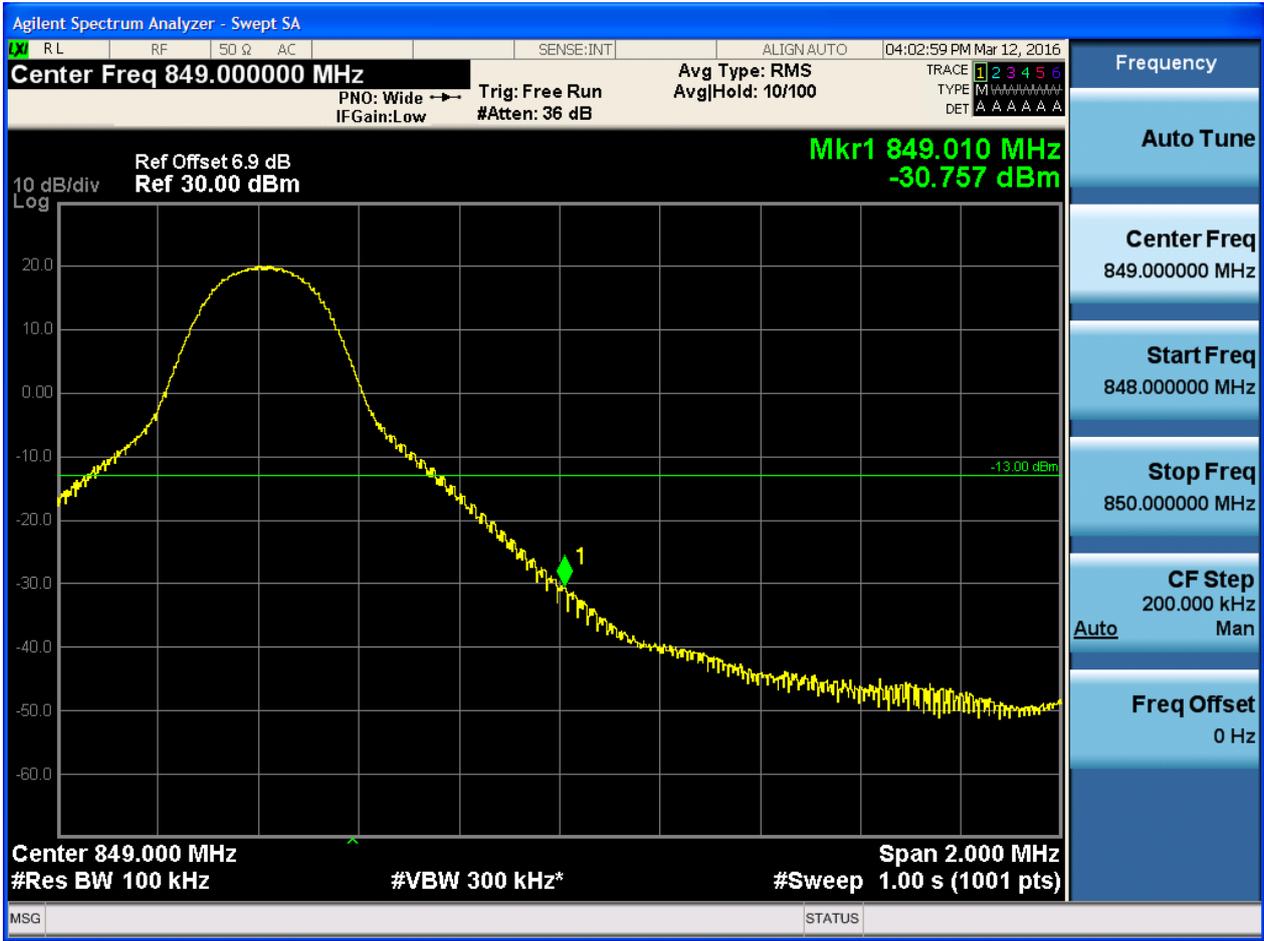
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



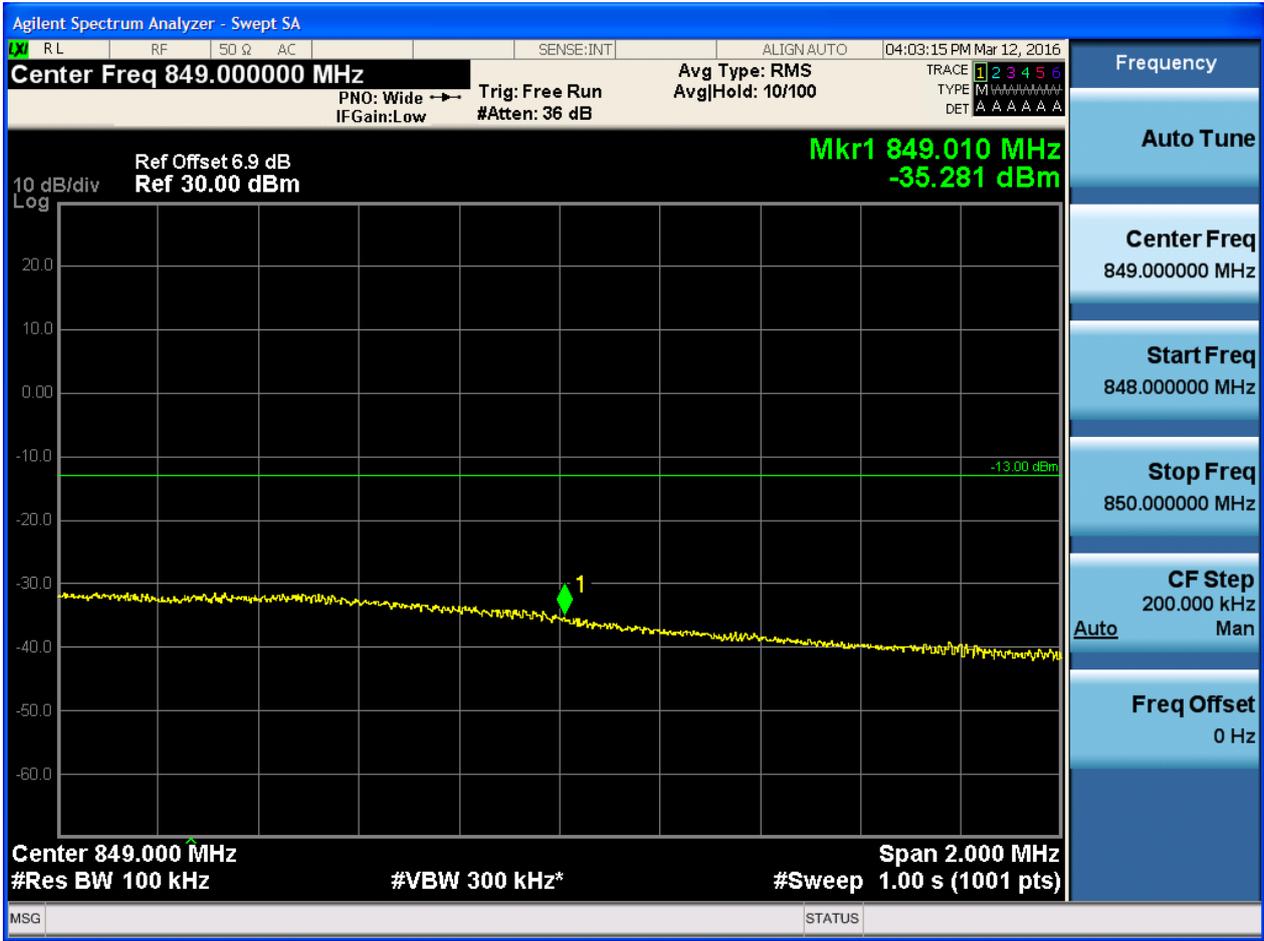


5.1.1.2.2.2 Test RB = RB1#49





5.1.1.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 Test RB = RB50#0





## 5.2 For LTE

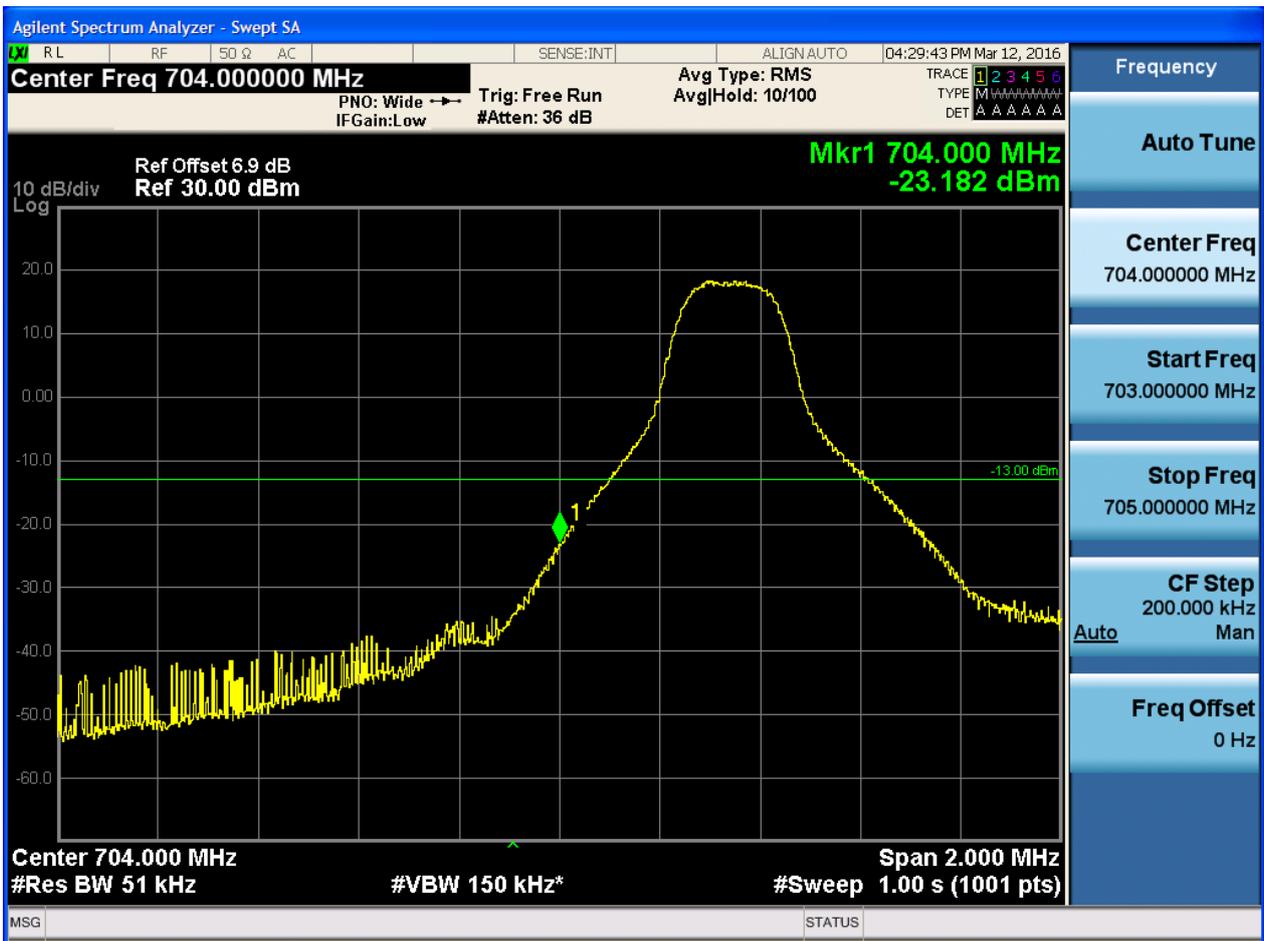
### 5.2.1 Test Band = BAND17

#### 5.2.1.1 Test Mode = LTE/TM1

##### 5.2.1.1.1 Test Bandwidth = 5

##### 5.2.1.1.1.1 Test Channel = LCH

##### 5.2.1.1.1.1.1 Test RB = RB1#0





5.2.1.1.1.2 Test RB = RB1#24





5.2.1.1.1.3 Test RB = RB12#6





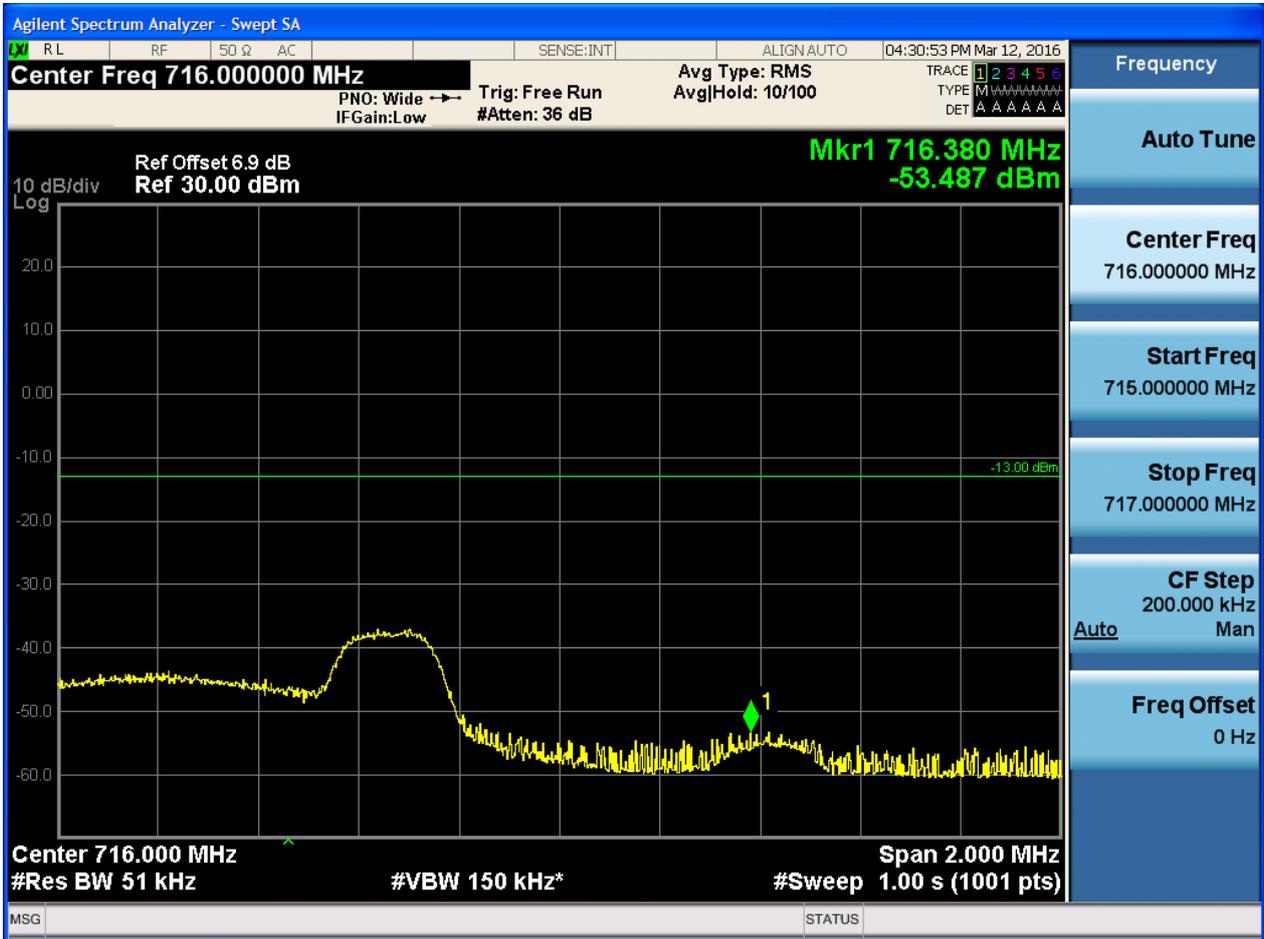
5.2.1.1.1.4 Test RB = RB25#0





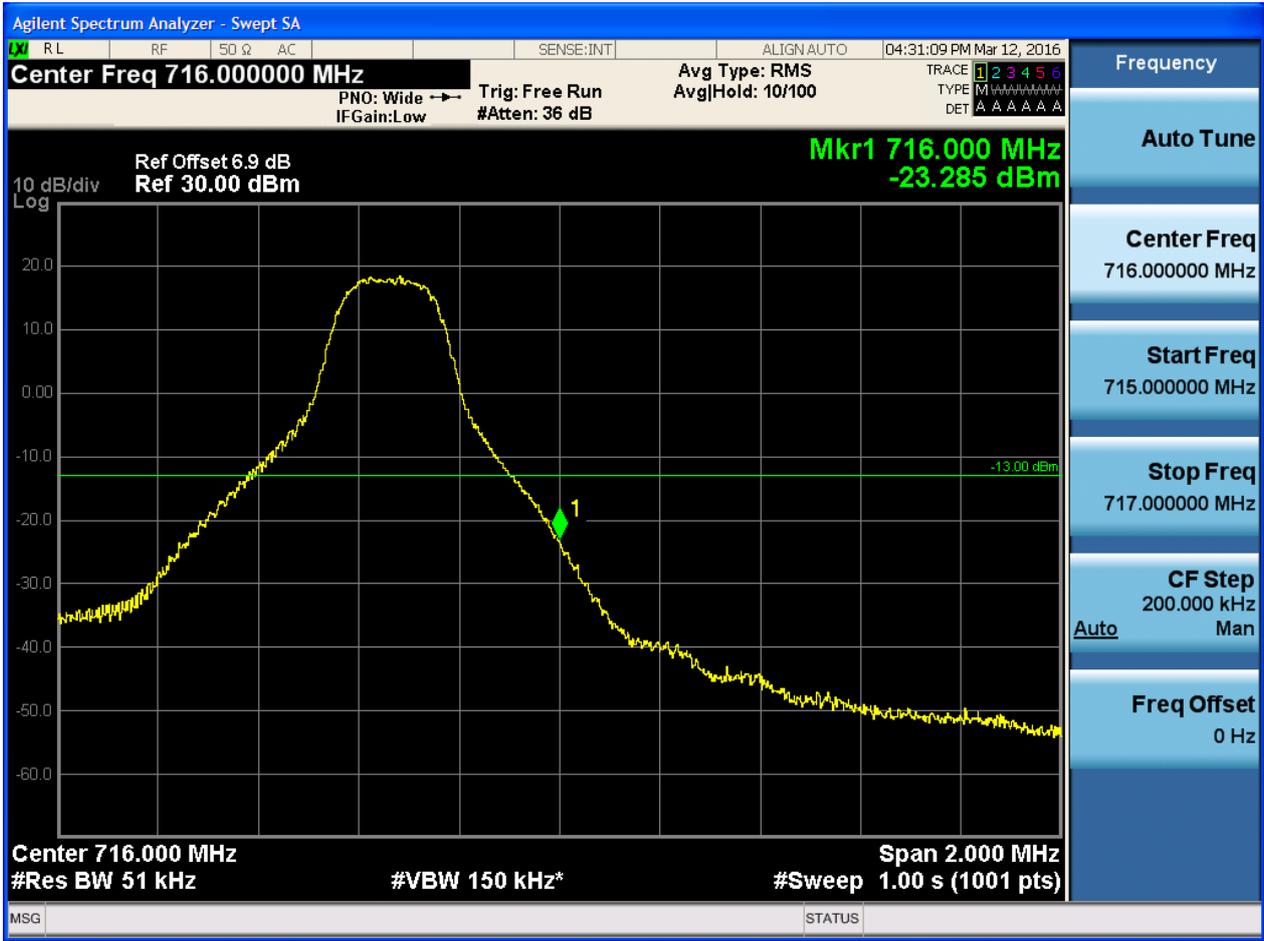
5.2.1.1.1.2 Test Channel = HCH

5.2.1.1.1.2.1 Test RB = RB1#0





5.2.1.1.1.2.2 Test RB = RB1#24





5.2.1.1.1.2.3 Test RB = RB12#6





5.2.1.1.1.2.4 Test RB = RB25#0

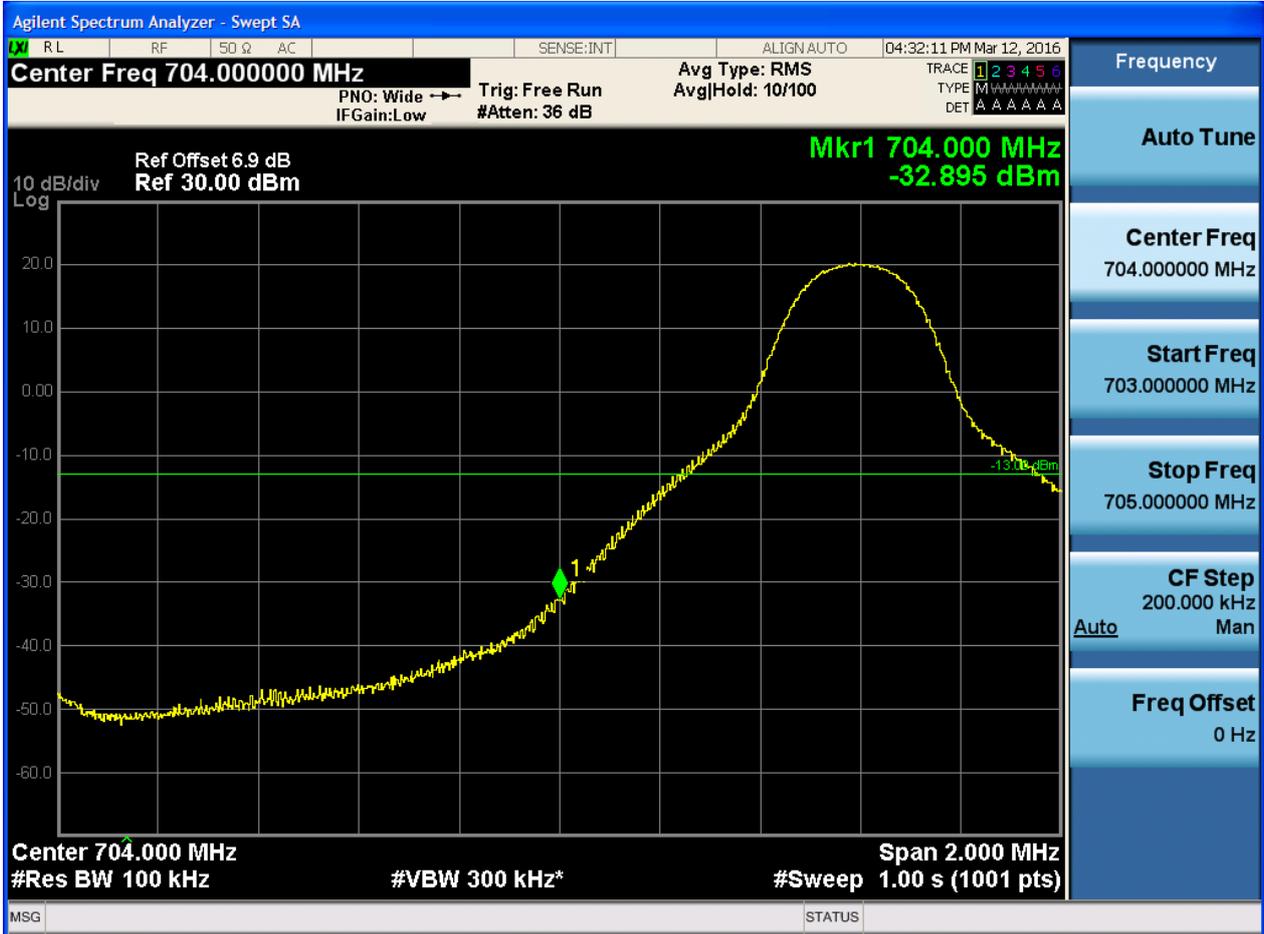




5.2.1.1.2 Test Bandwidth = 10

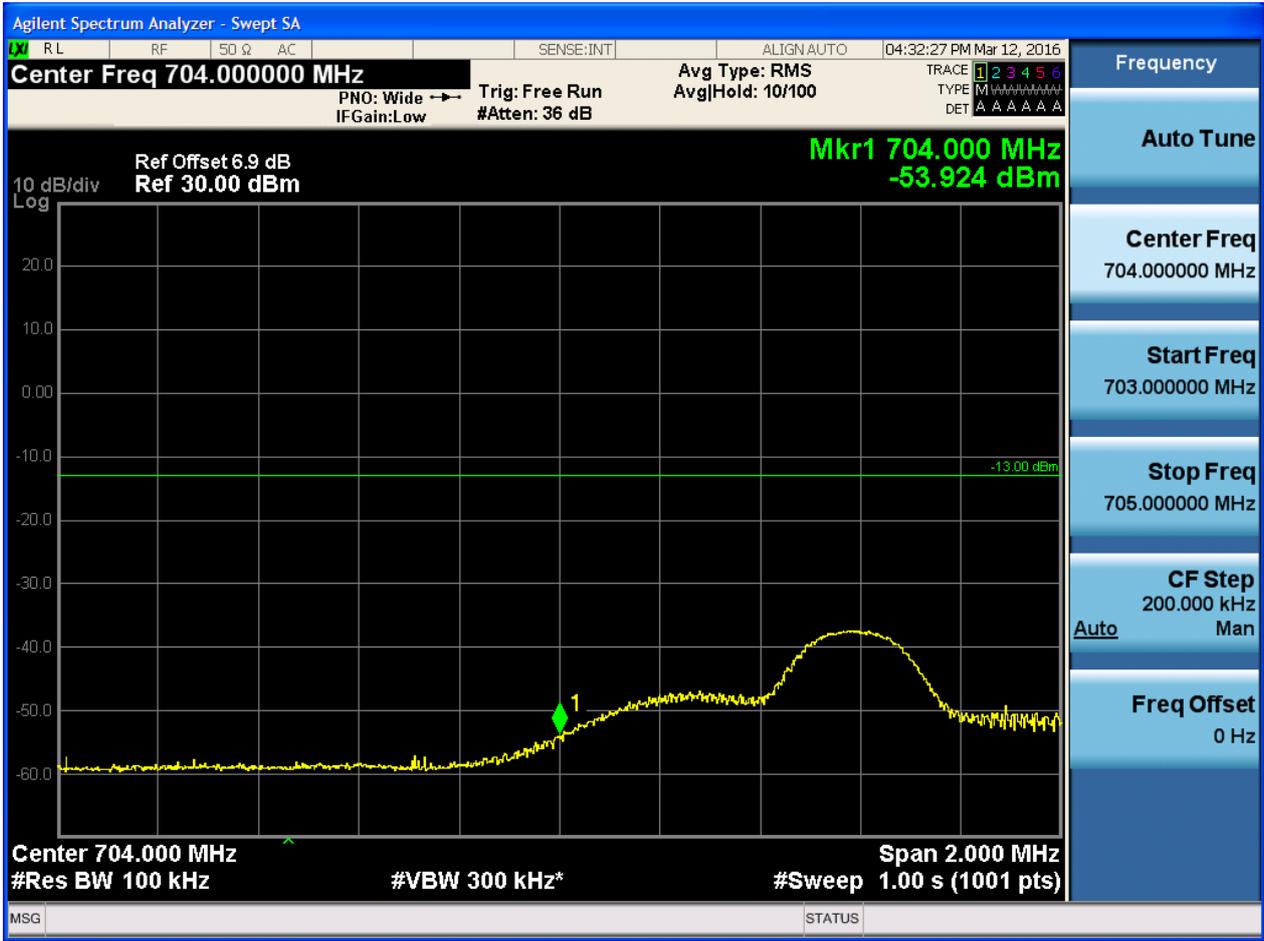
5.2.1.1.2.1 Test Channel = LCH

5.2.1.1.2.1.1 Test RB = RB1#0





5.2.1.1.2.1.2 Test RB = RB1#49





5.2.1.1.2.1.3 Test RB = RB25#13





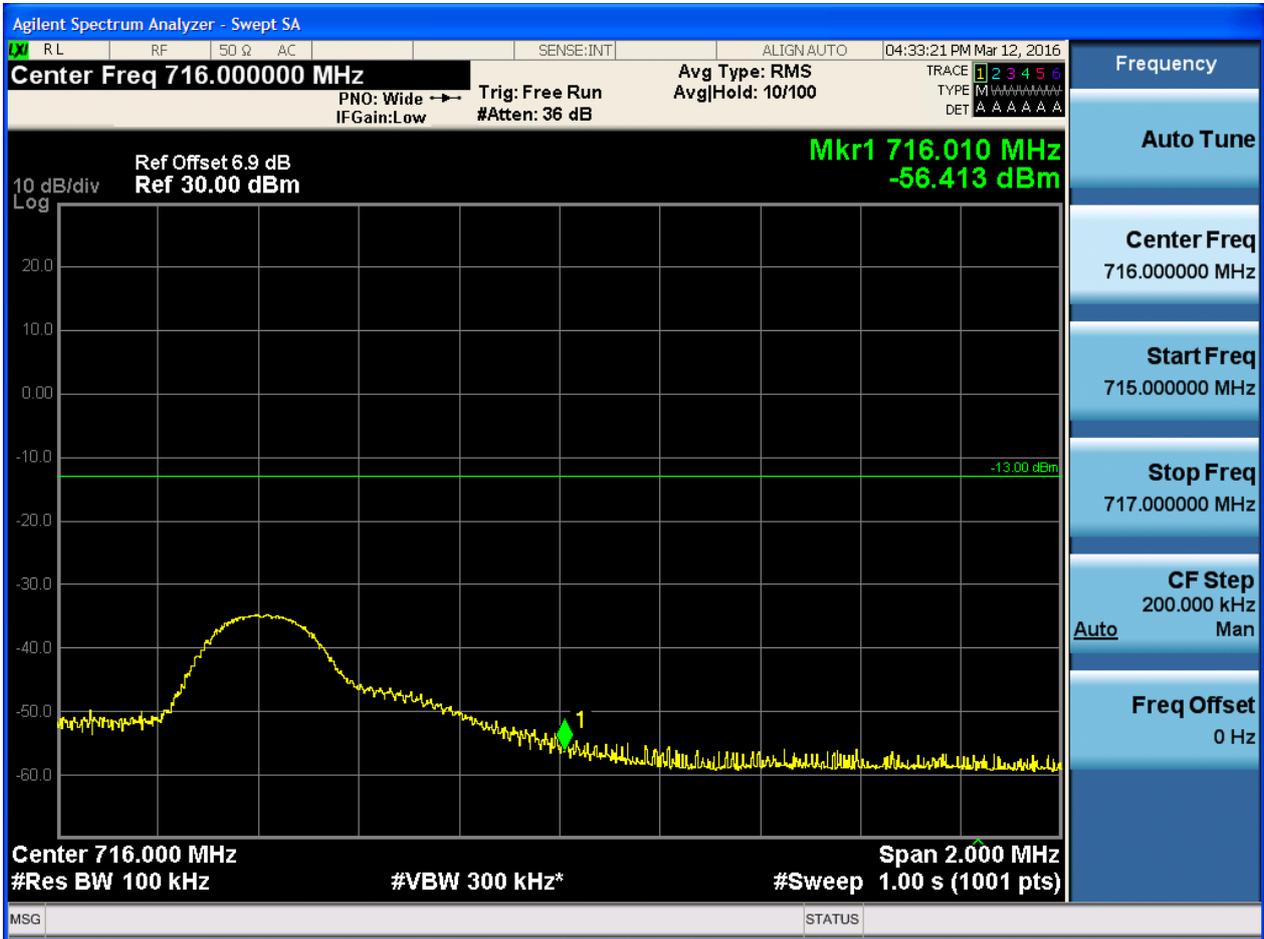
5.2.1.1.2.1.4 Test RB = RB50#0





5.2.1.1.2.2 Test Channel = HCH

5.2.1.1.2.2.1 Test RB = RB1#0



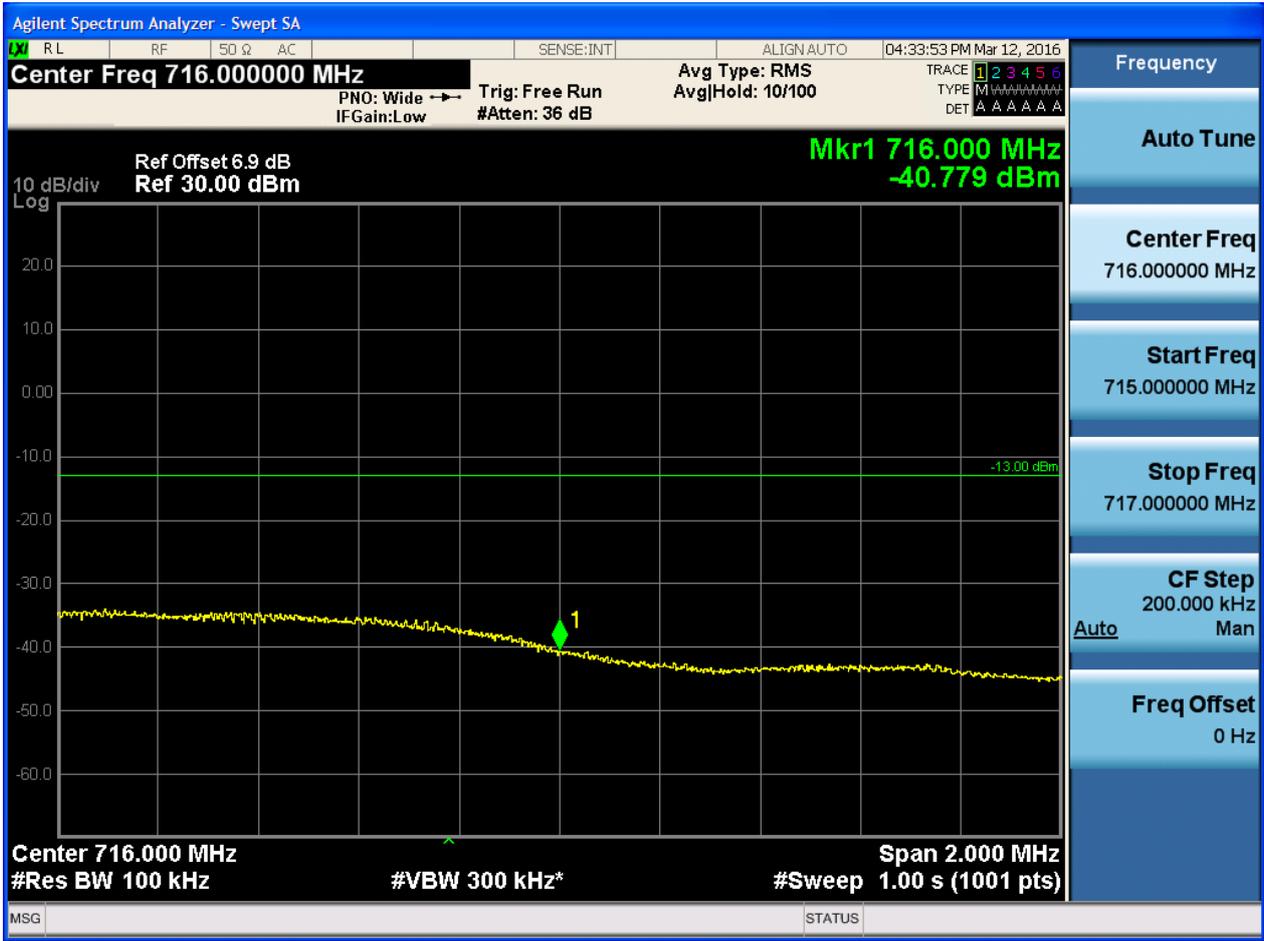


5.2.1.1.2.2.2 Test RB = RB1#49





5.2.1.1.2.2.3 Test RB = RB25#13





5.2.1.1.2.2.4 Test RB = RB50#0



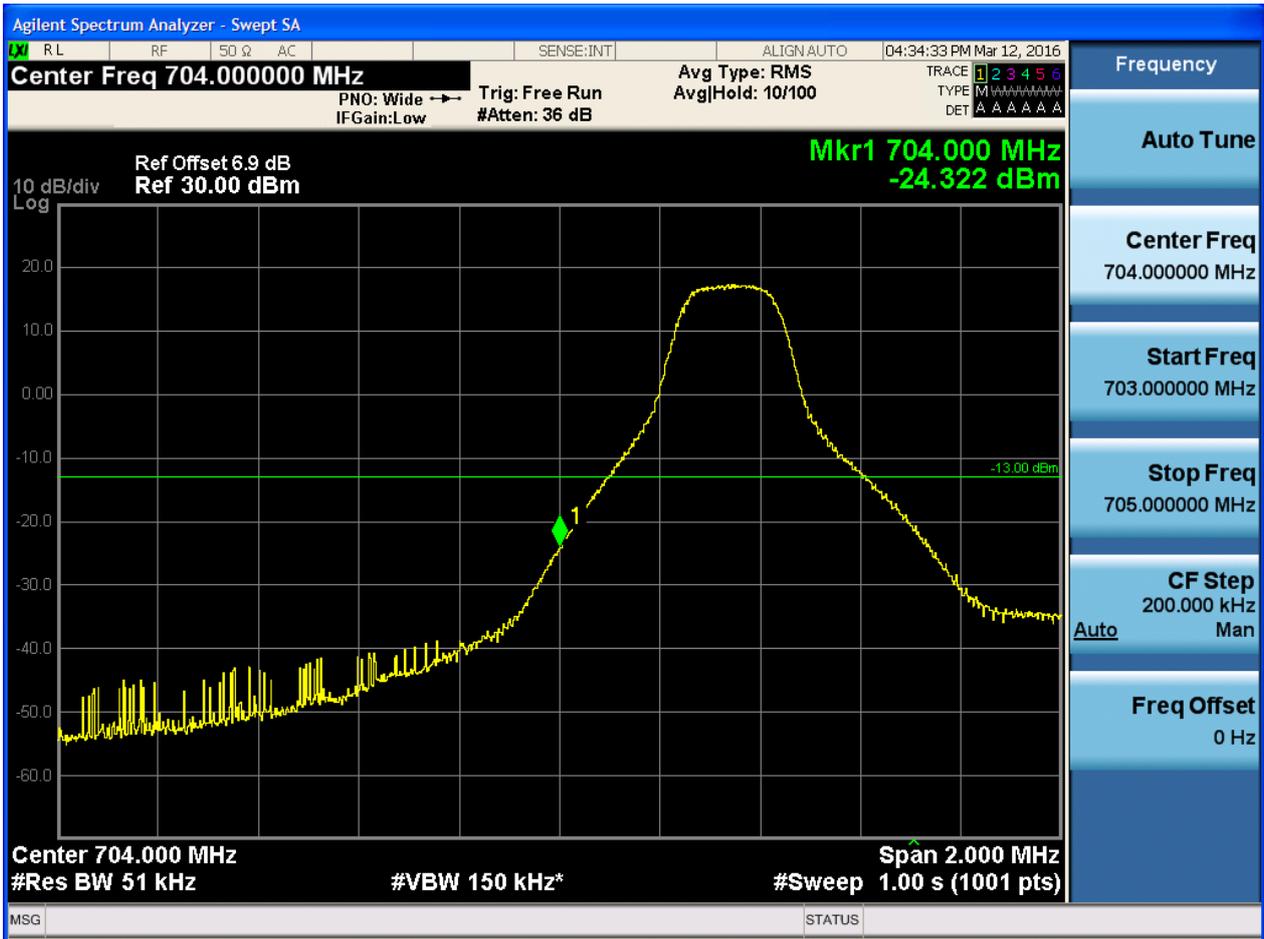


5.2.1.2 Test Mode = LTE/TM2

5.2.1.2.1 Test Bandwidth = 5

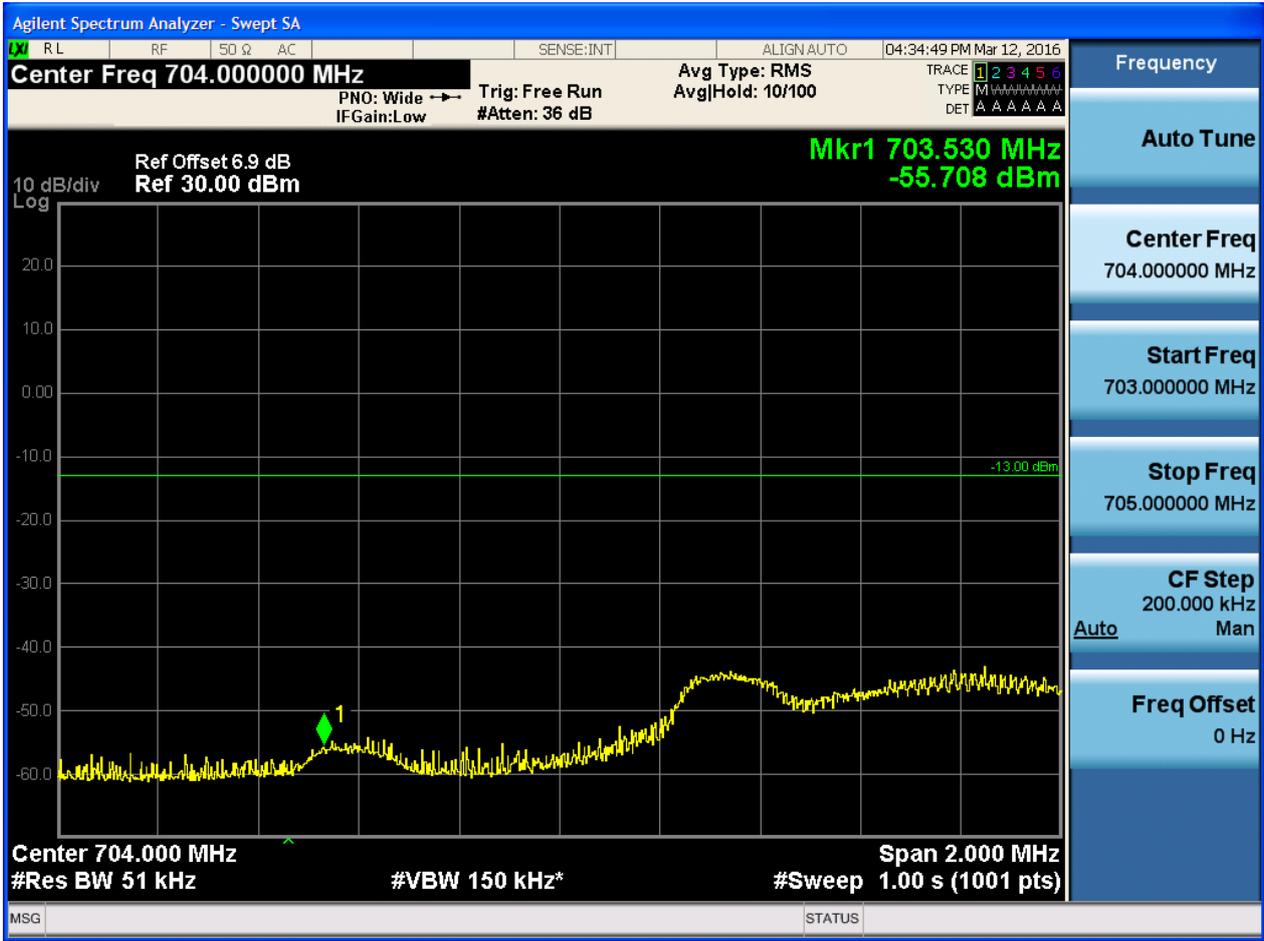
5.2.1.2.1.1 Test Channel = LCH

5.2.1.2.1.1.1 Test RB = RB1#0





5.2.1.2.1.1.2 Test RB = RB1#24





5.2.1.2.1.1.3 Test RB = RB12#6





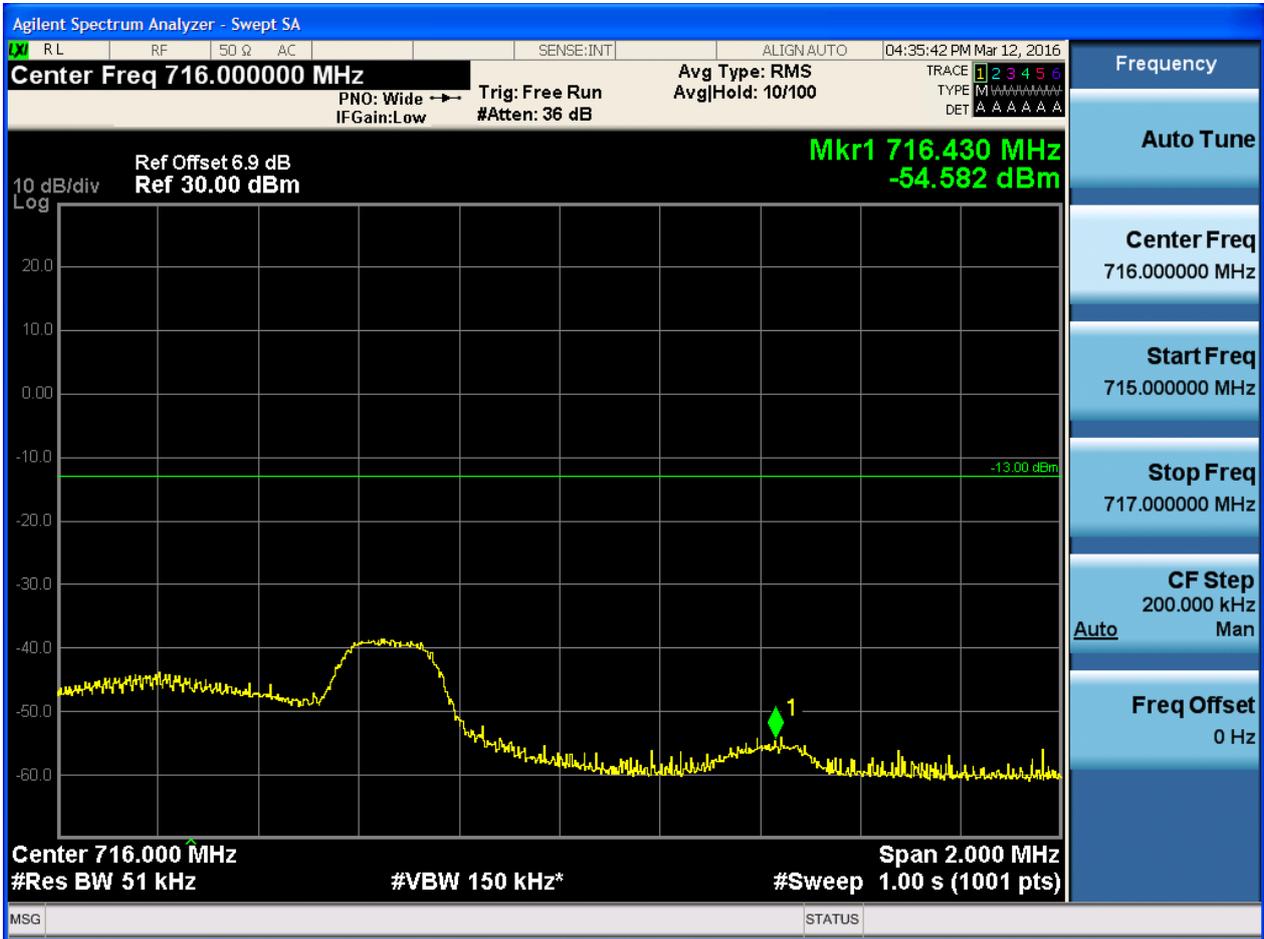
5.2.1.2.1.1.4 Test RB = RB25#0





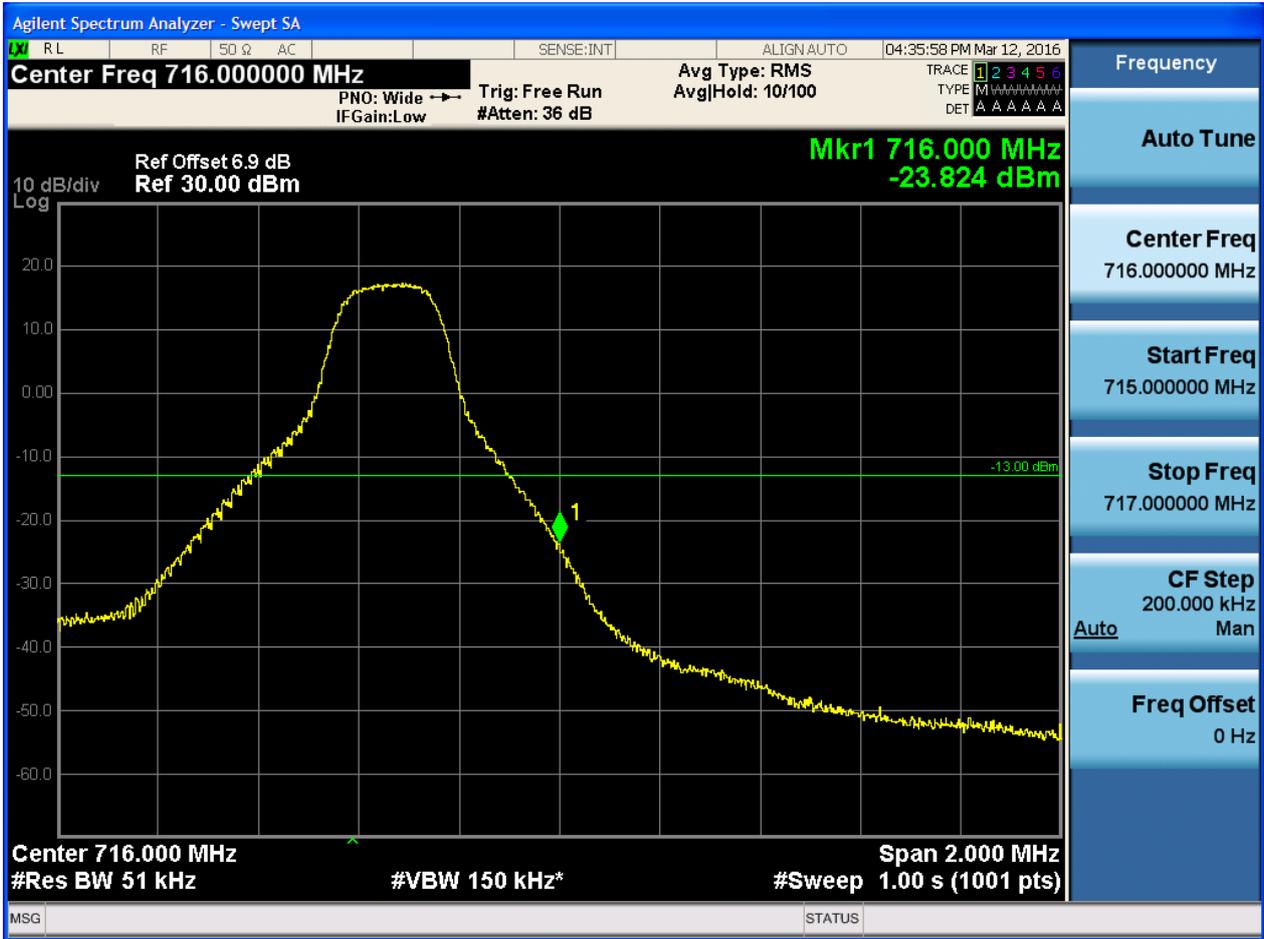
5.2.1.2.1.2 Test Channel = HCH

5.2.1.2.1.2.1 Test RB = RB1#0





5.2.1.2.1.2.2 Test RB = RB1#24





5.2.1.2.1.2.3 Test RB = RB12#6





5.2.1.2.1.2.4 Test RB = RB25#0

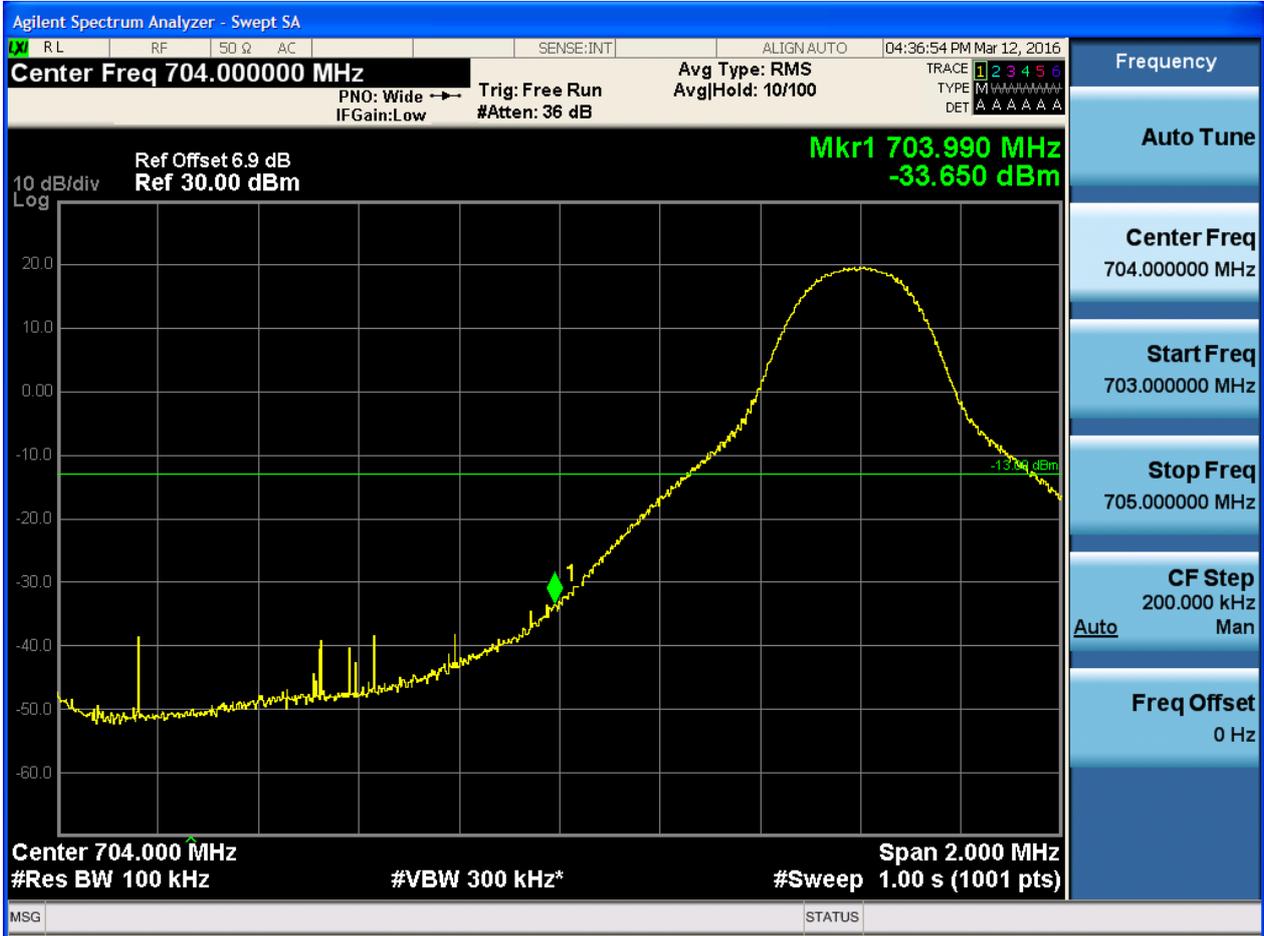




5.2.1.2.2 Test Bandwidth = 10

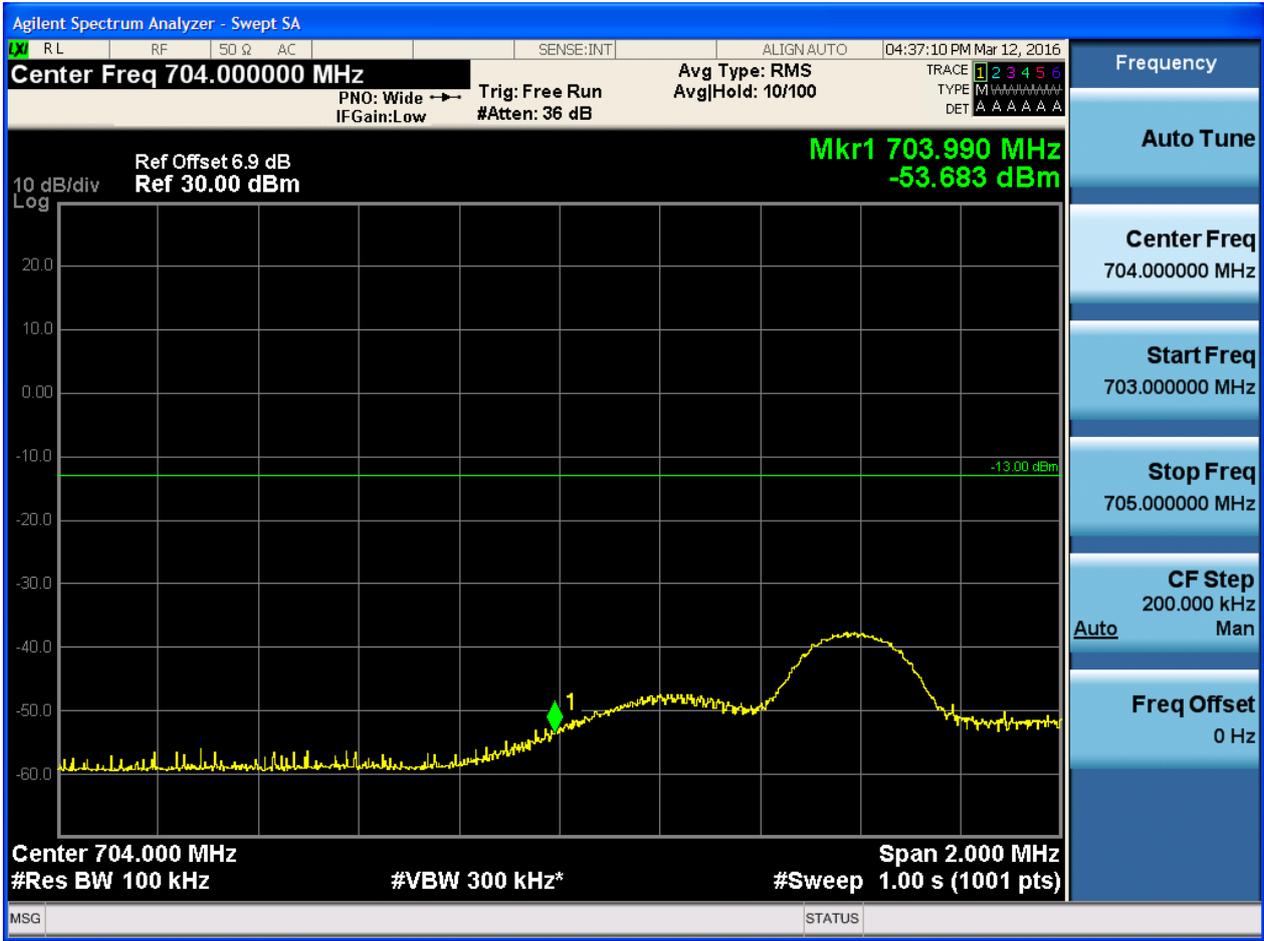
5.2.1.2.2.1 Test Channel = LCH

5.2.1.2.2.1.1 Test RB = RB1#0





5.2.1.2.2.1.2 Test RB = RB1#49





5.2.1.2.2.1.3 Test RB = RB25#13





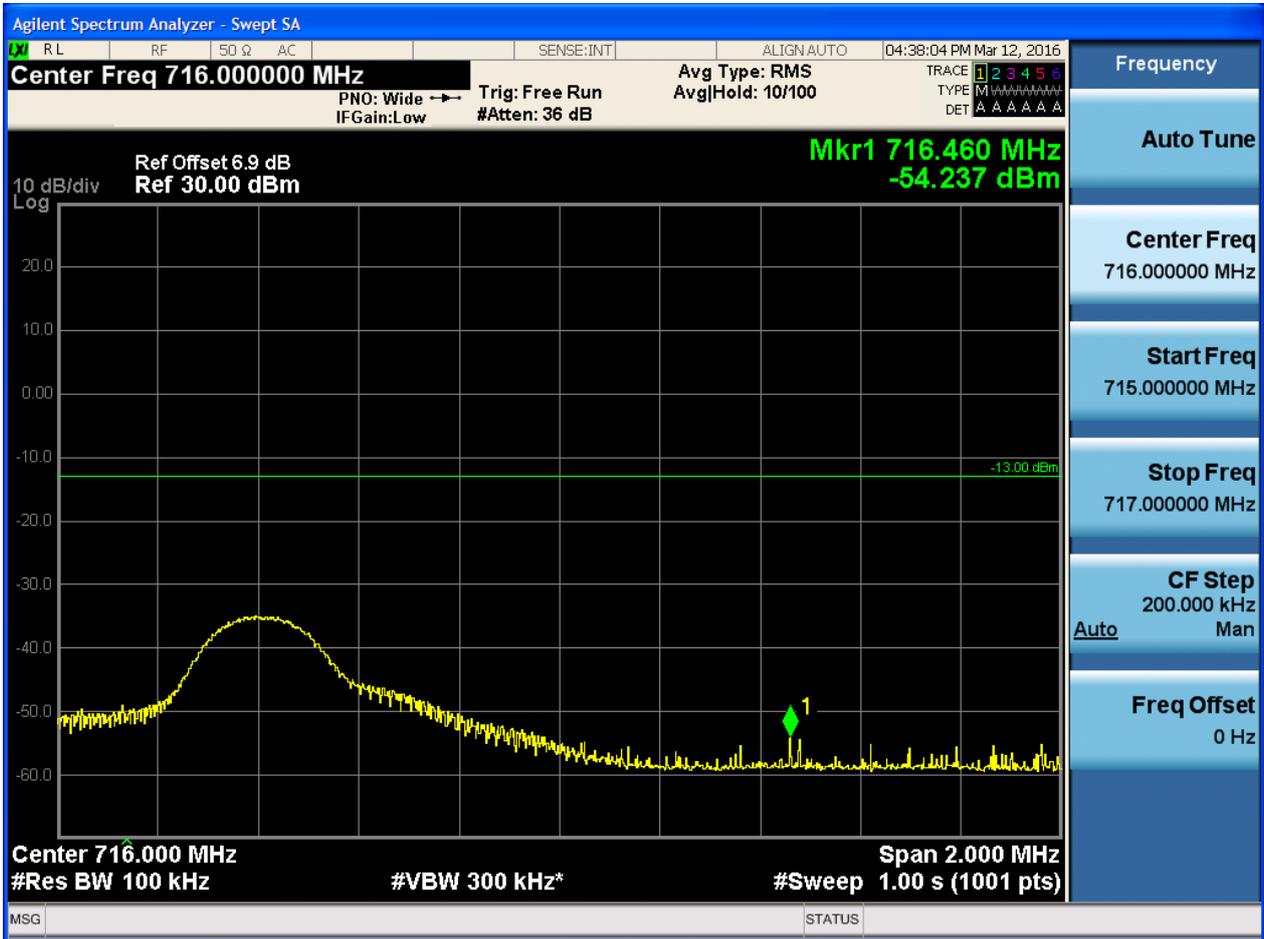
5.2.1.2.2.1.4 Test RB = RB50#0





5.2.1.2.2.2 Test Channel = HCH

5.2.1.2.2.2.1 Test RB = RB1#0





5.2.1.2.2.2 Test RB = RB1#49





5.2.1.2.2.2.3 Test RB = RB25#13





5.2.1.2.2.4 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 = BAND5

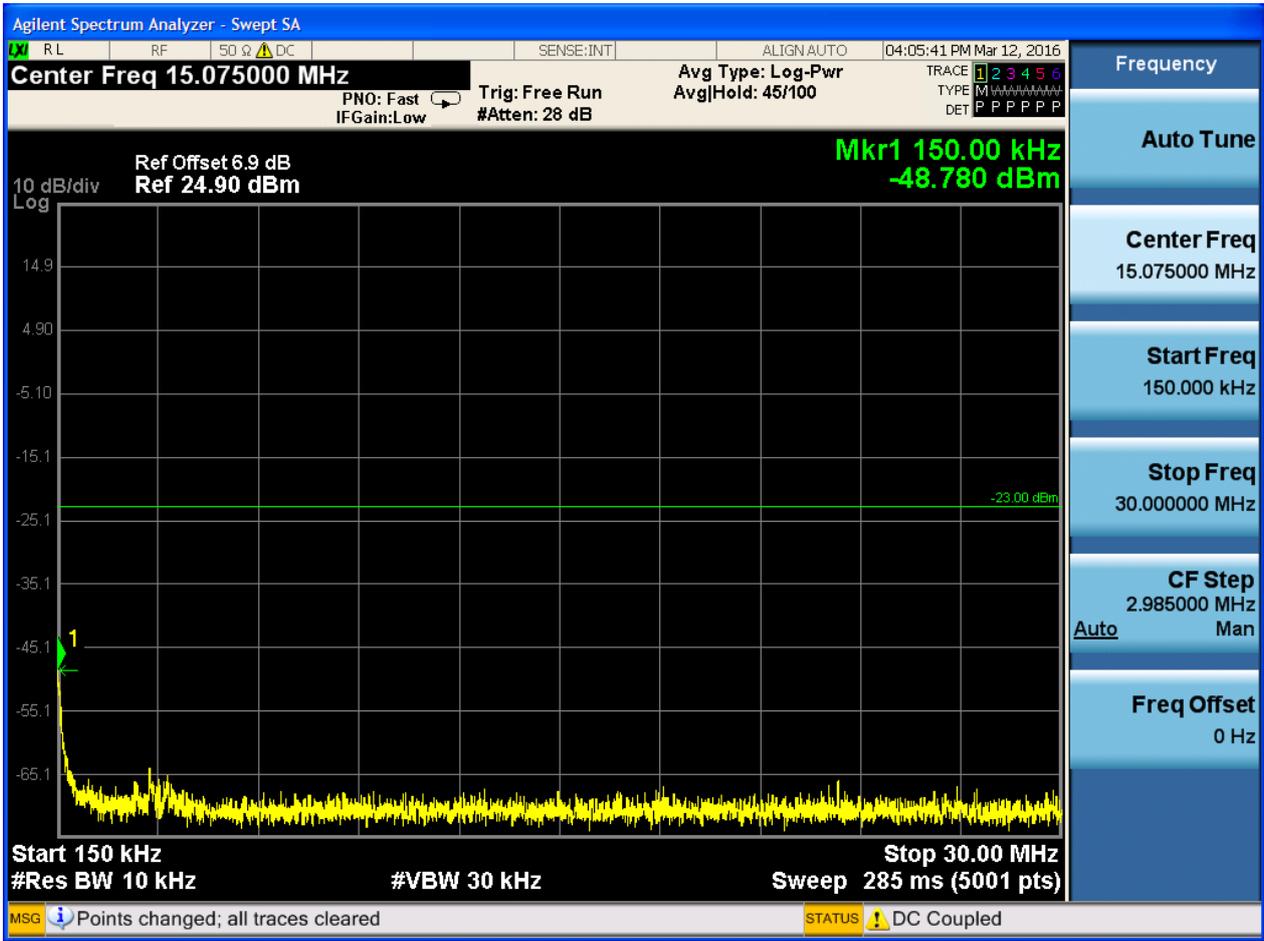
##### 6.1.1.1 Test Mode = LTE/TM1

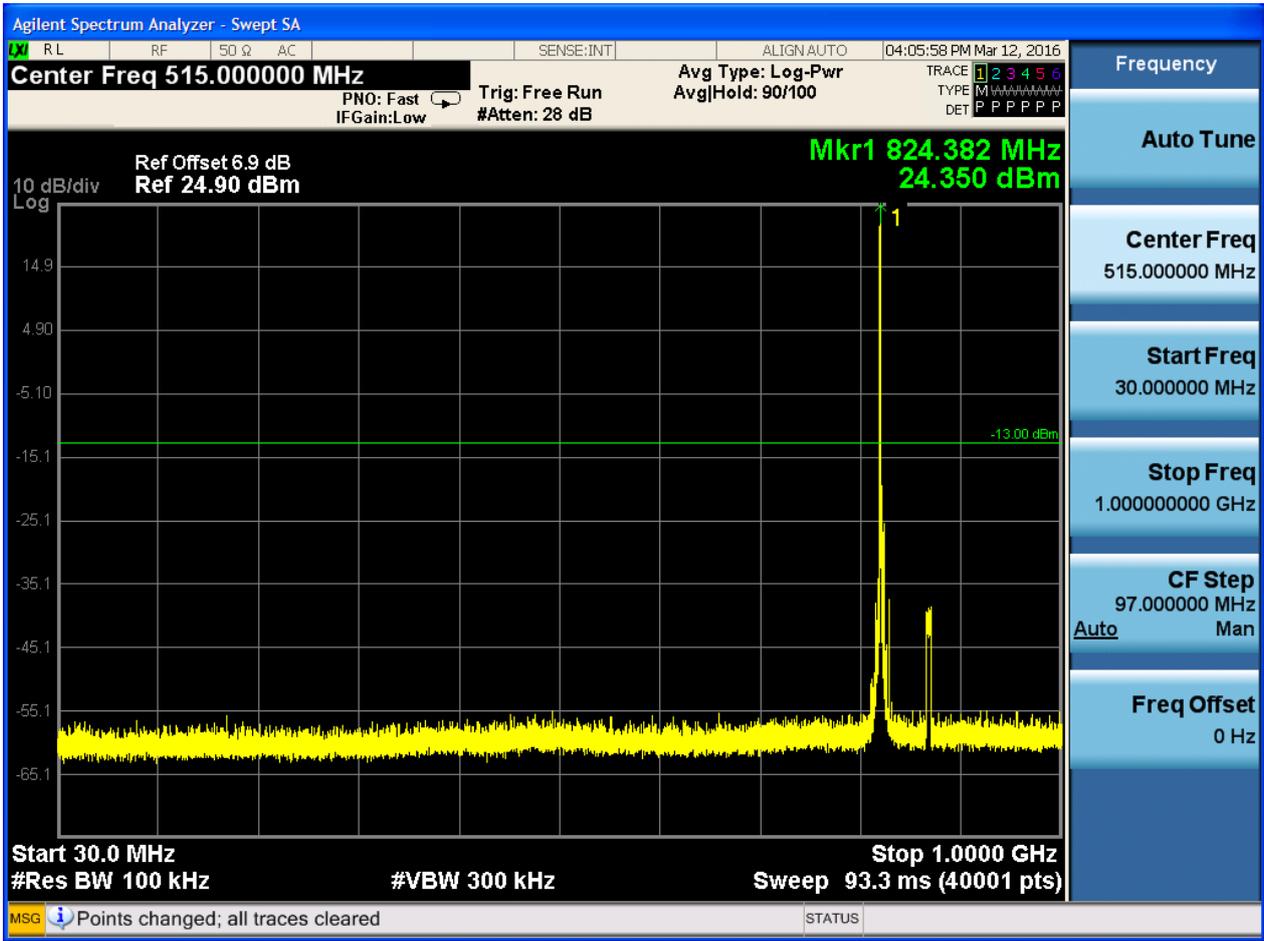
##### 6.1.1.1.1 Test Bandwidth = 5

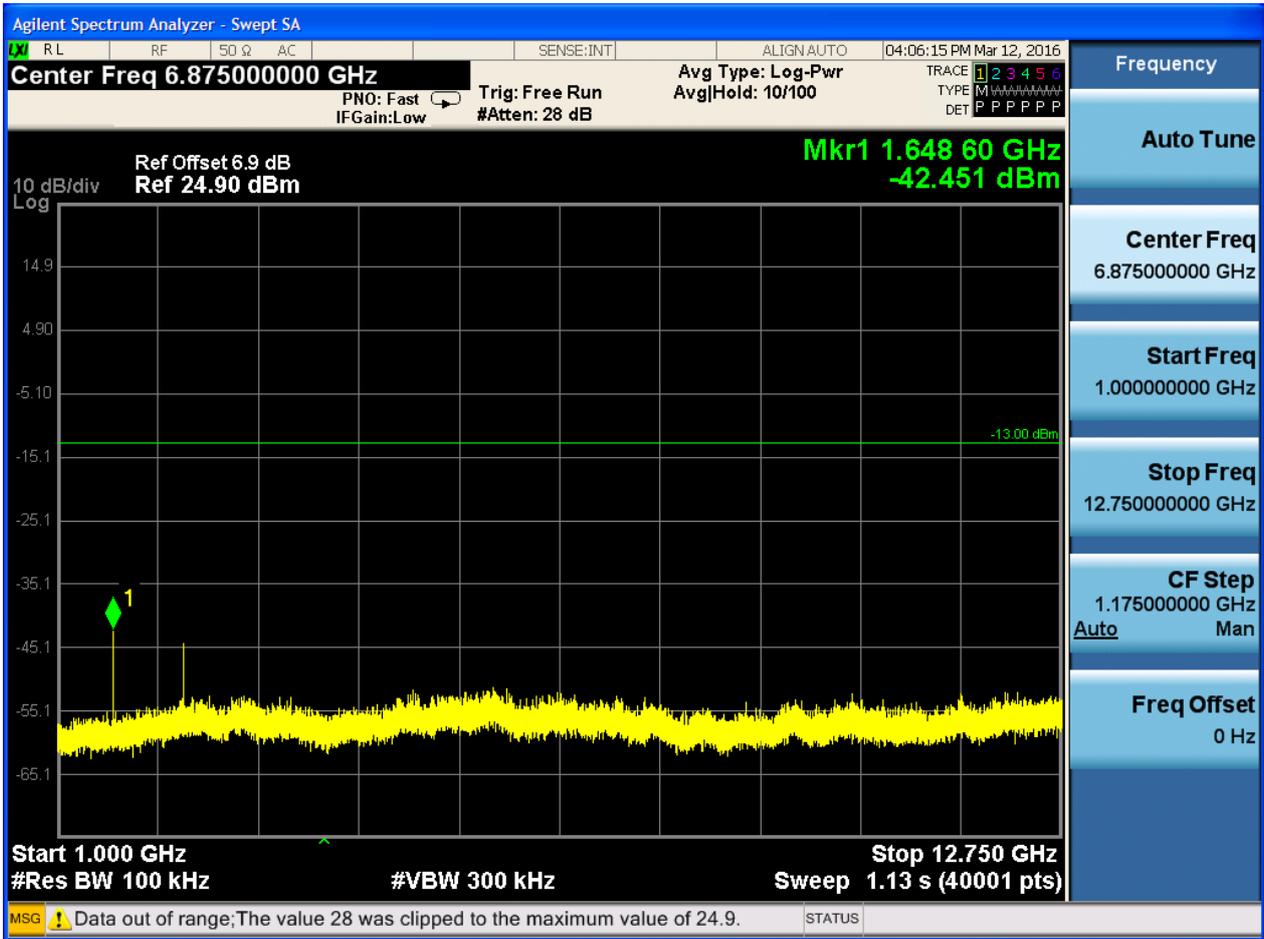
##### 6.1.1.1.1.1 Test Channel = LCH

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





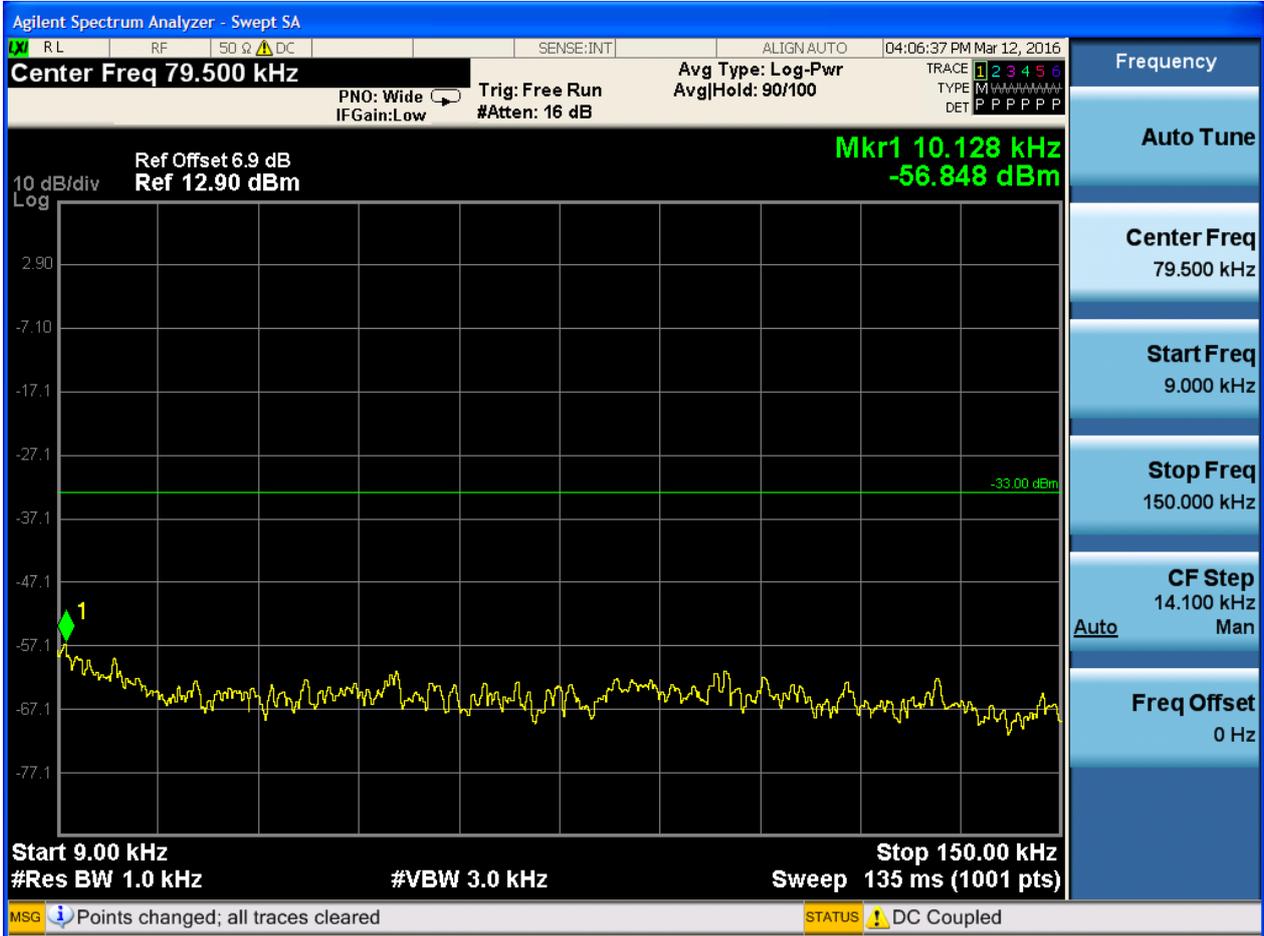


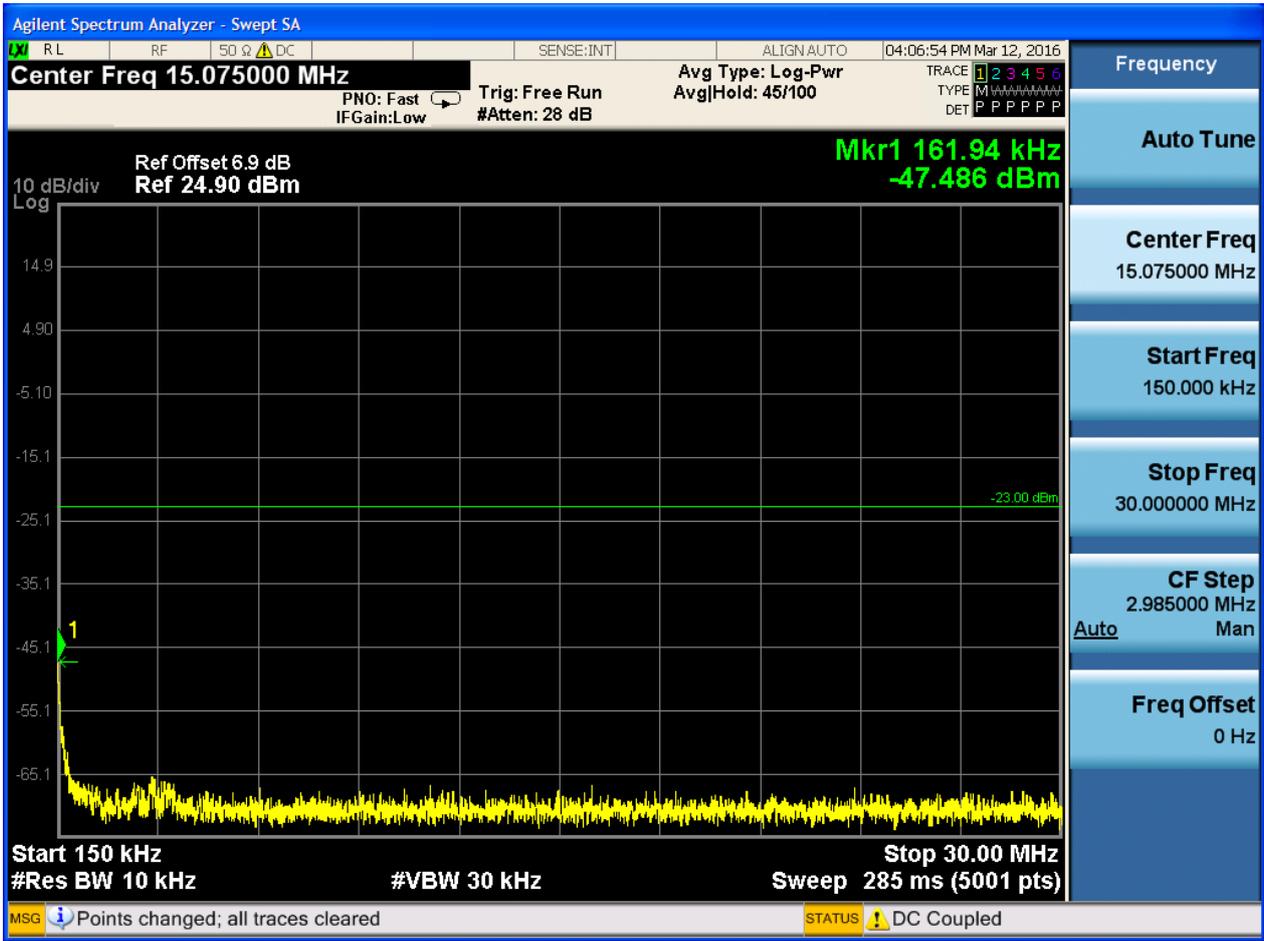


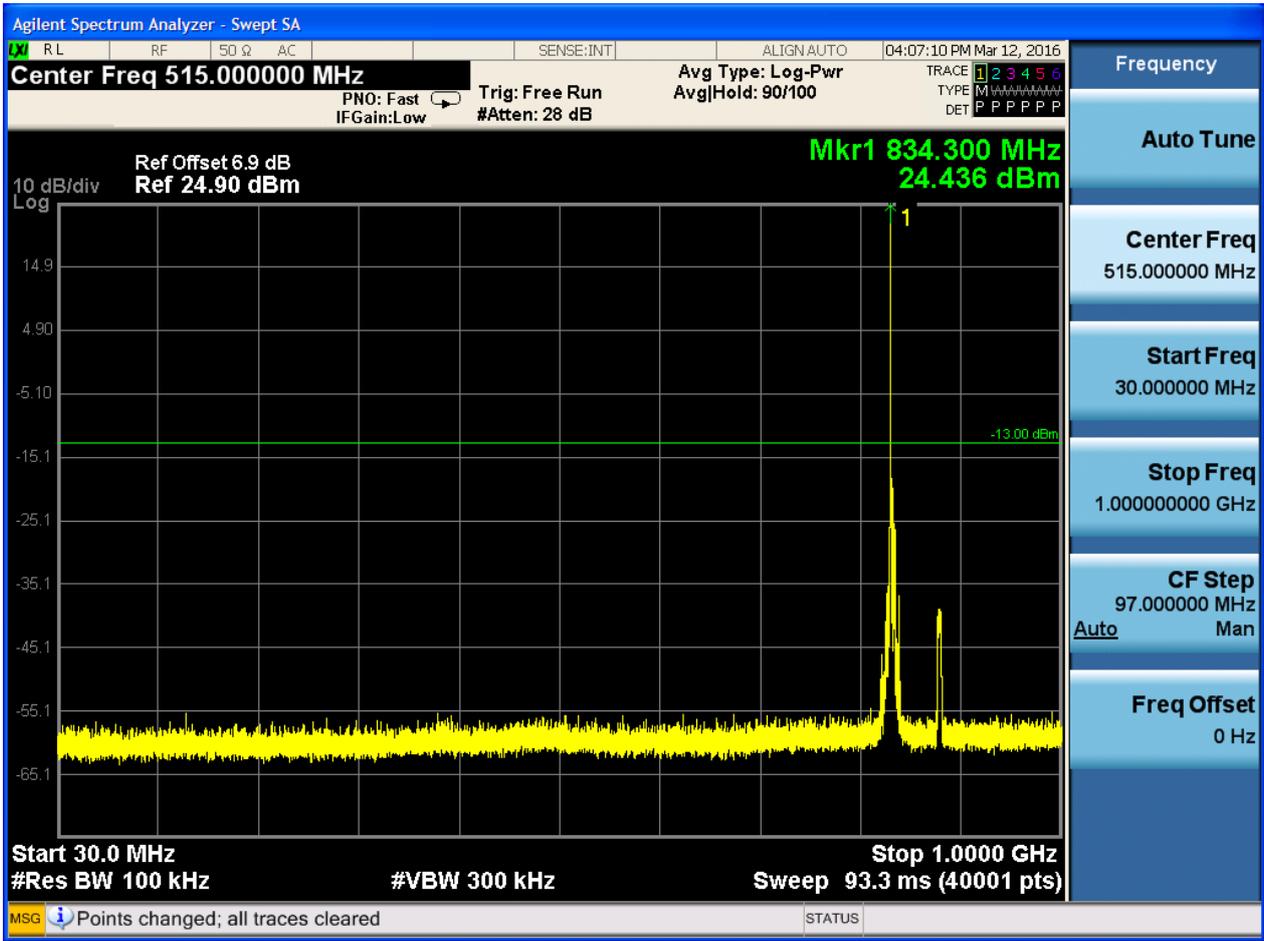


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0





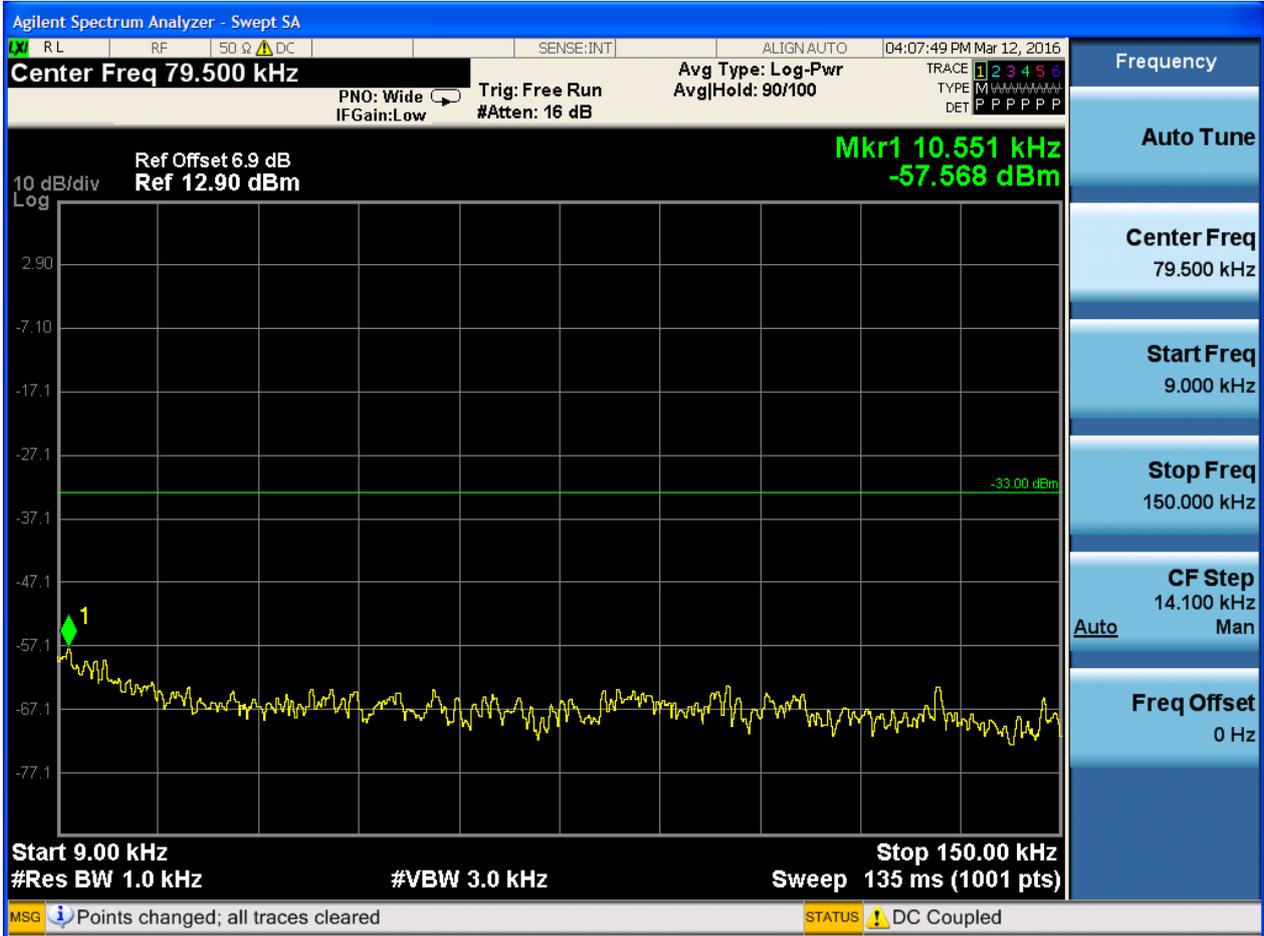


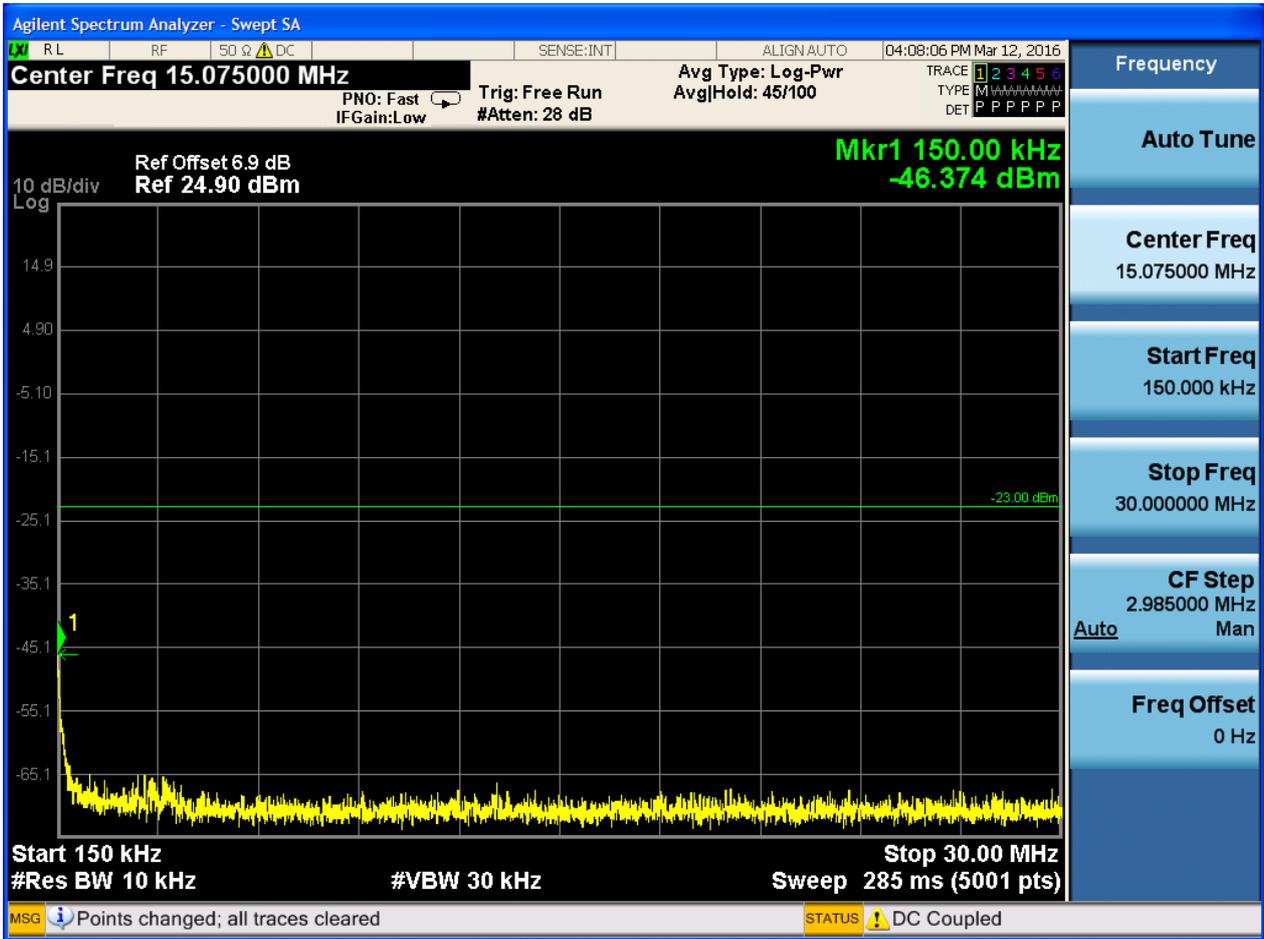


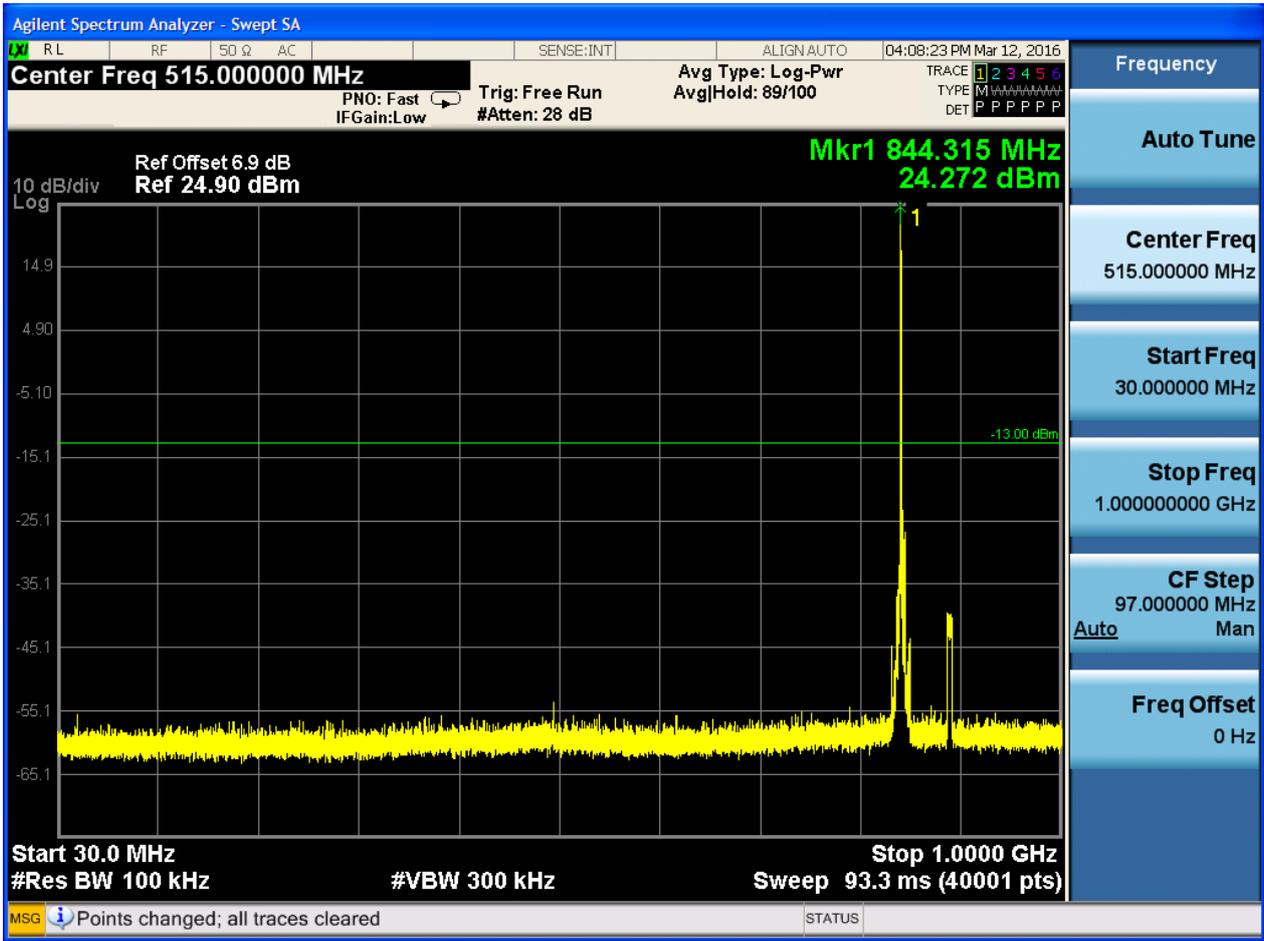


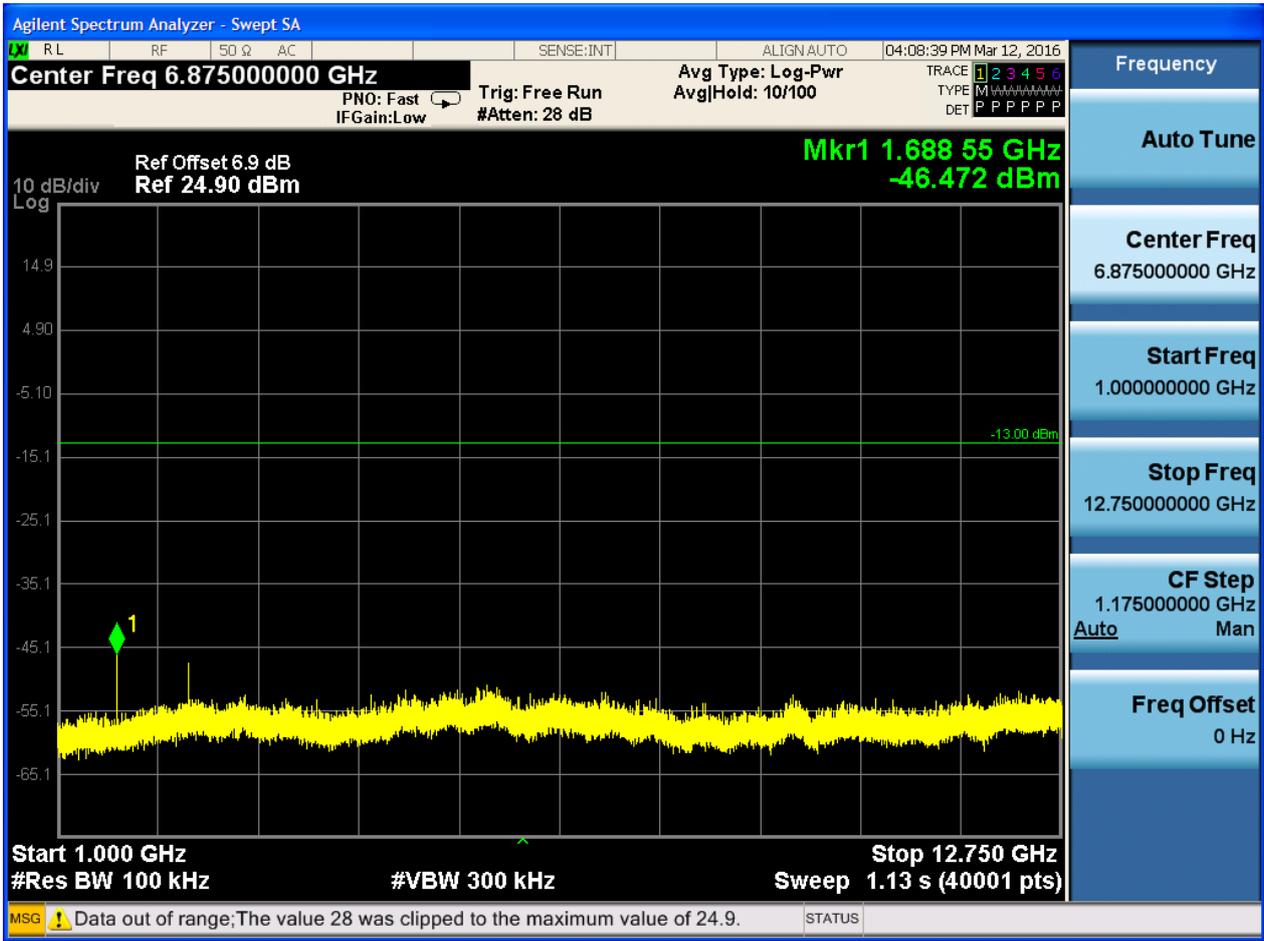
6.1.1.1.3 Test Channel = HCH

6.1.1.1.3.1 Test RB = RB1#0







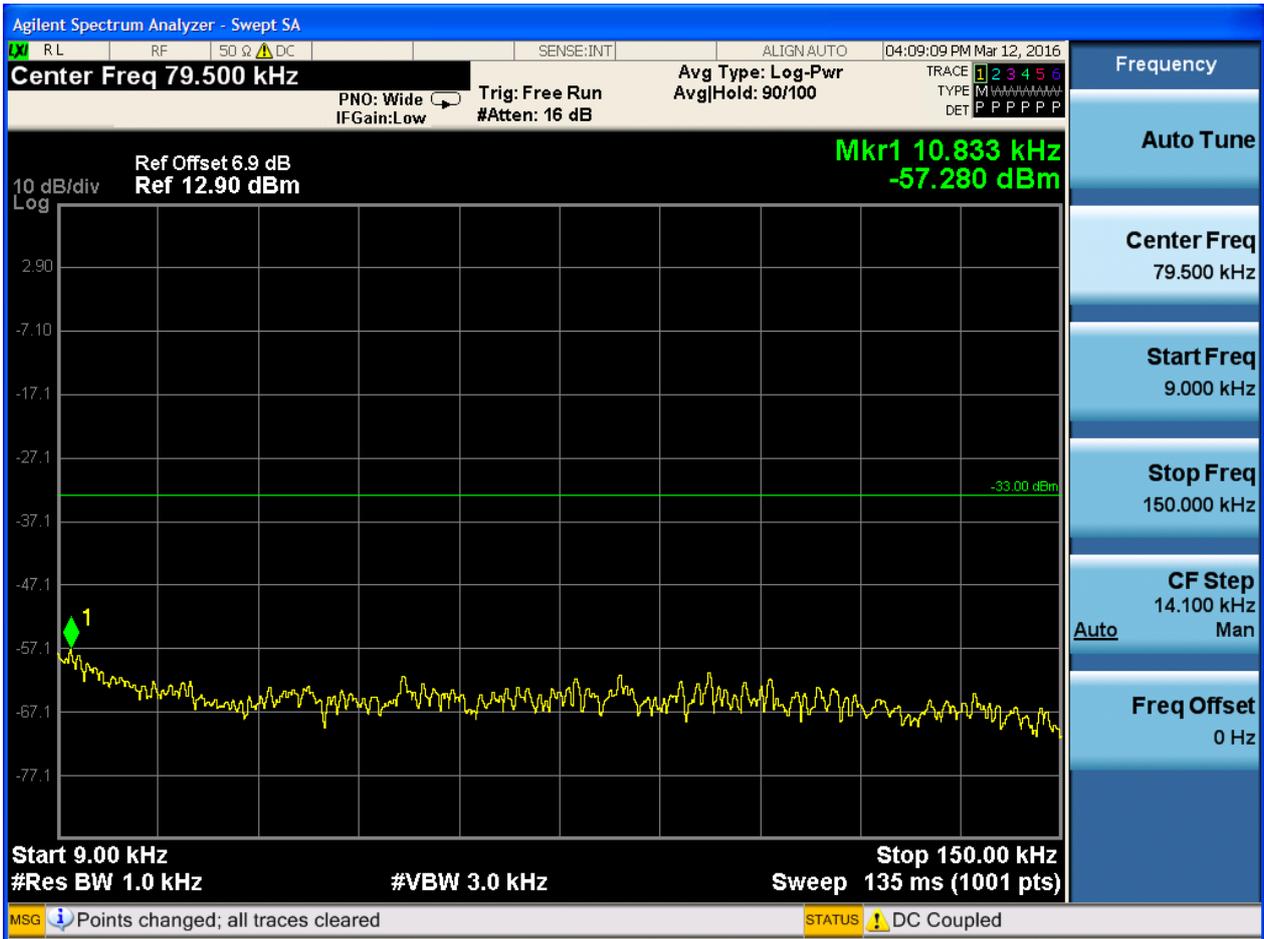


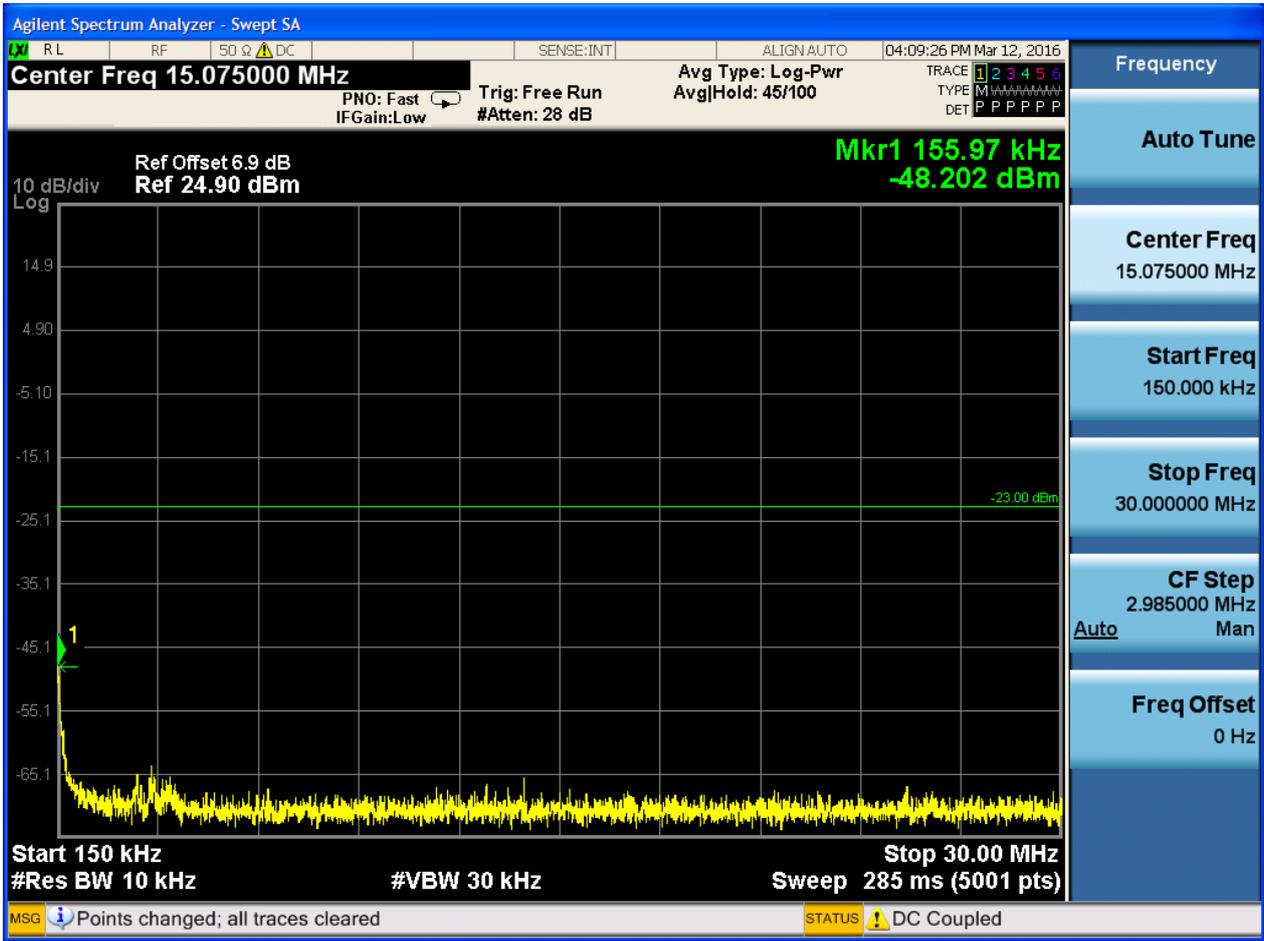


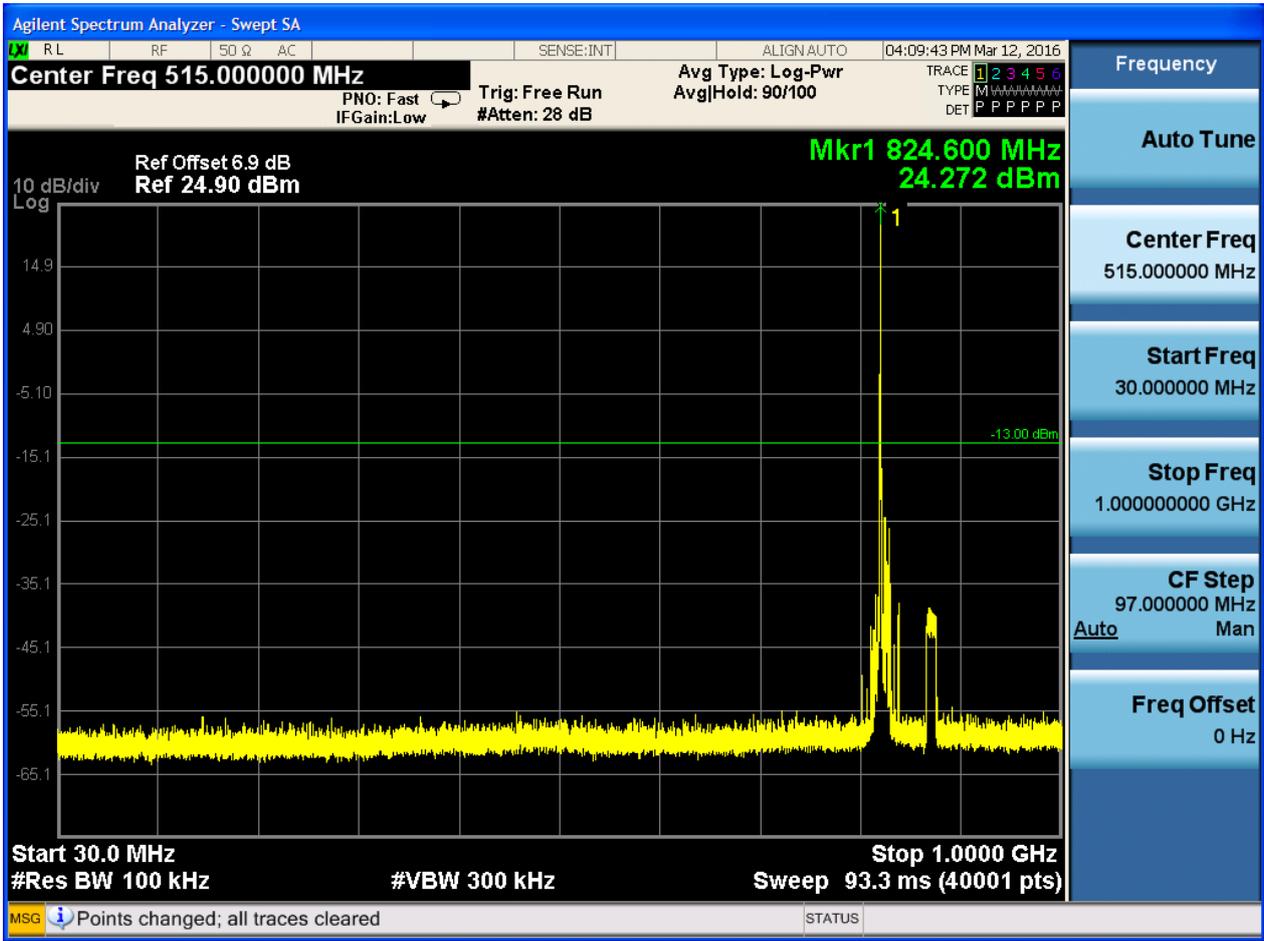
6.1.1.1.2 Test Bandwidth = 10

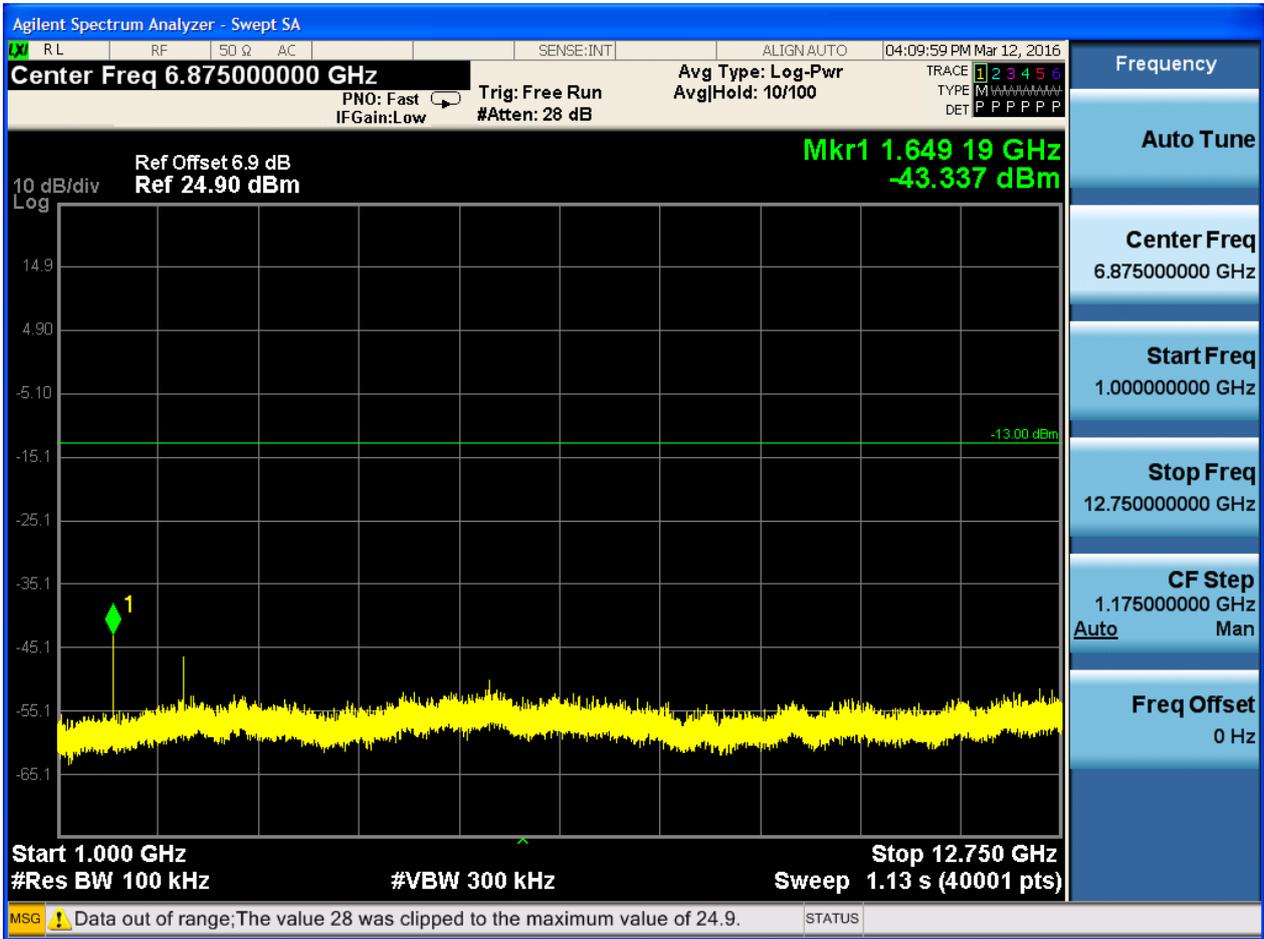
6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0





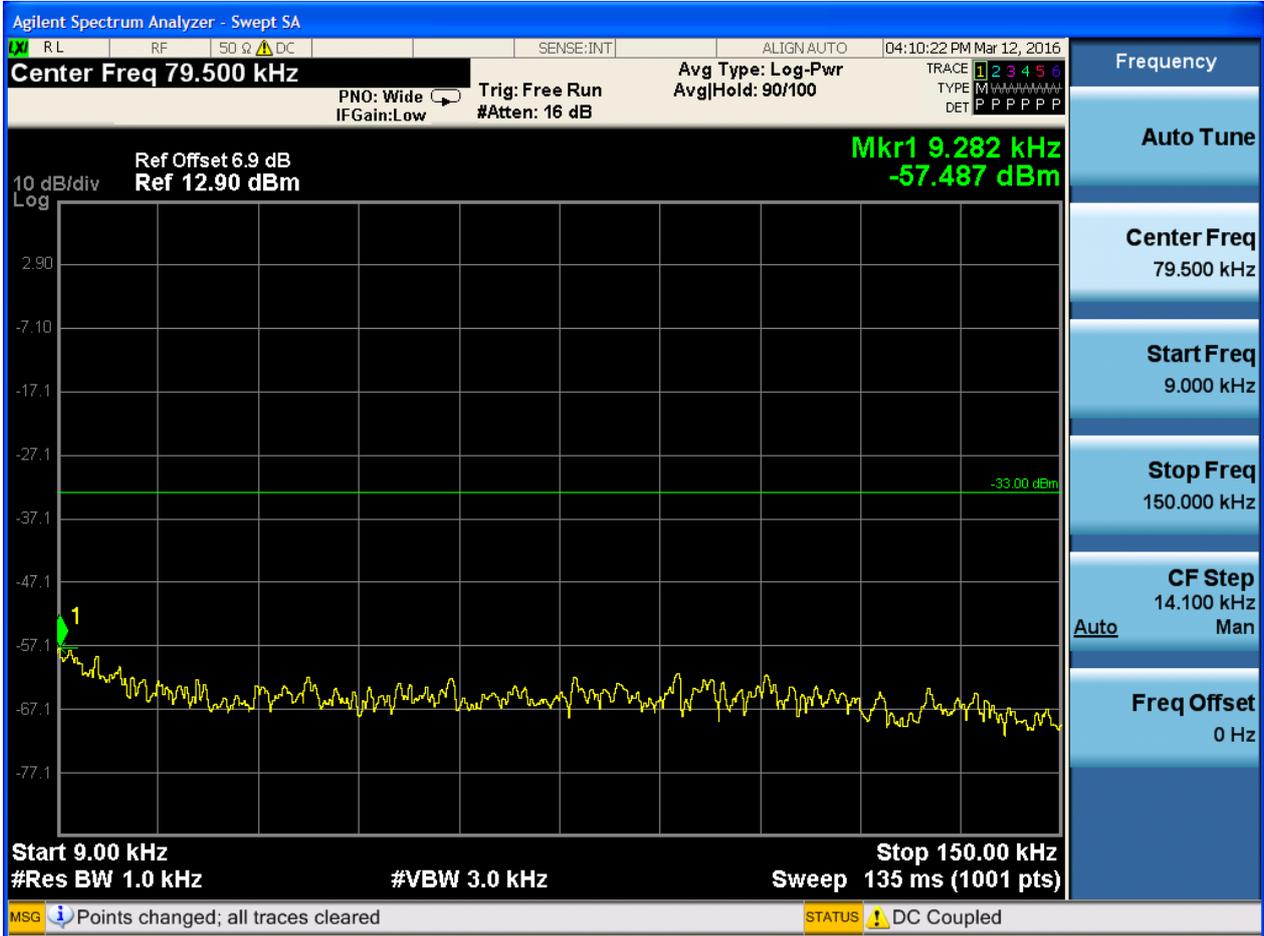


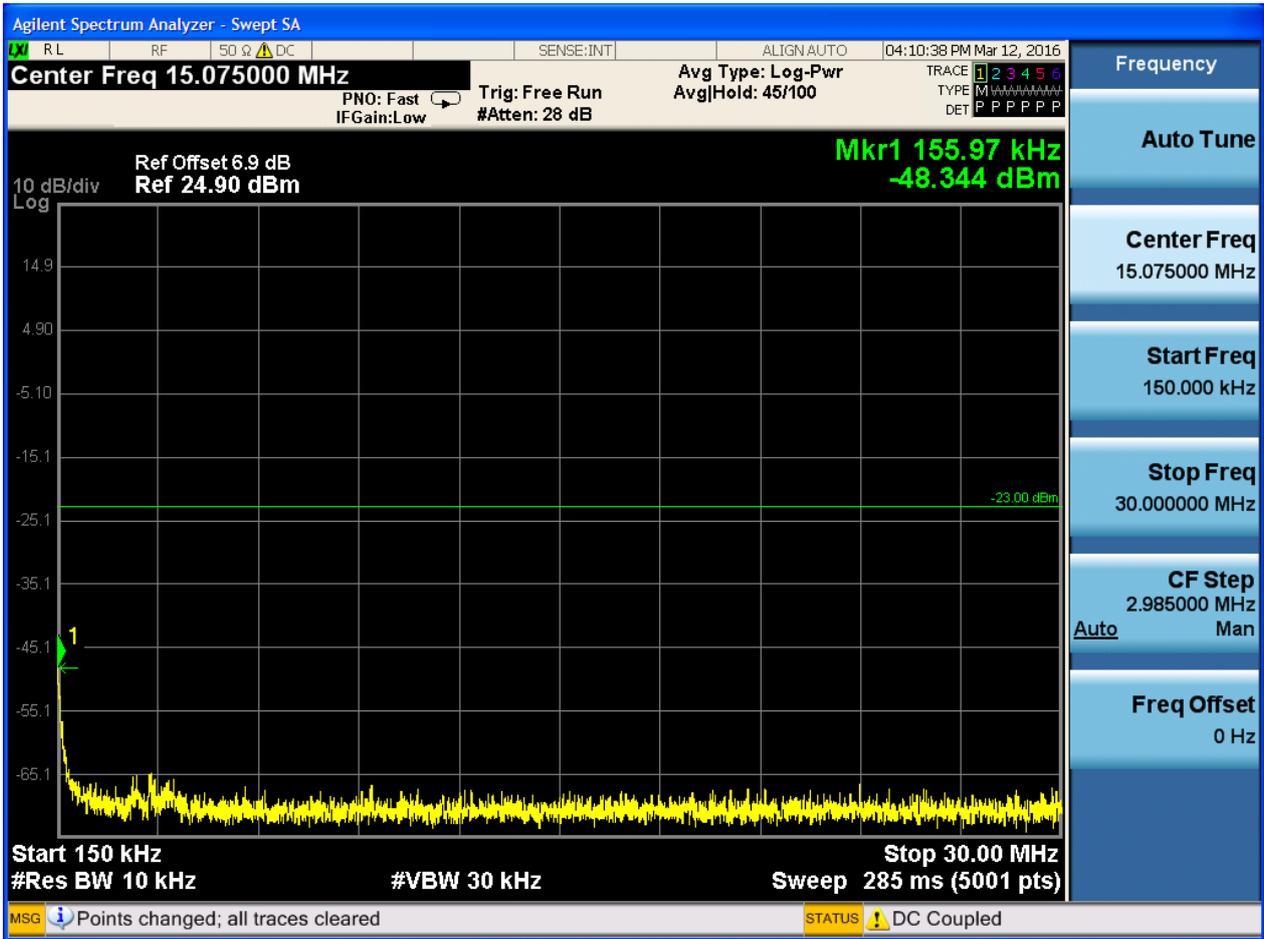




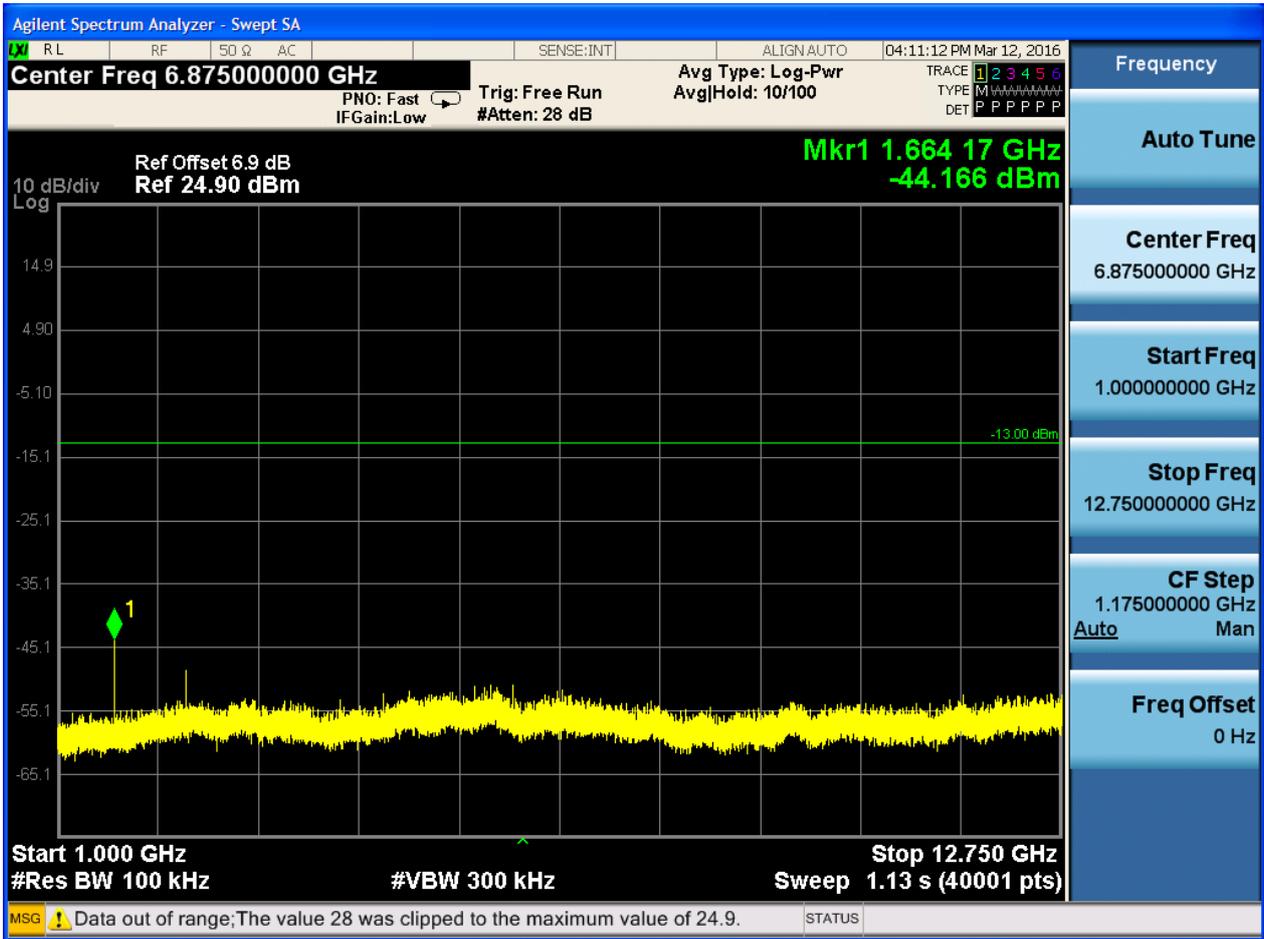
6.1.1.1.2.2 Test Channel = MCH

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

