



# 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	1.4	LCH	RB1#0	22.62	17.87	38.5	PASS
				RB1#3	22.6	17.85	38.5	PASS
				RB1#5	22.63	17.88	38.5	PASS
				RB3#0	22.56	17.81	38.5	PASS
				RB3#2	22.53	17.78	38.5	PASS
				RB3#3	22.54	17.79	38.5	PASS
				RB6#0	21.54	16.79	38.5	PASS
			MCH	RB1#0	22.26	17.51	38.5	PASS
				RB1#3	22.25	17.5	38.5	PASS
				RB1#5	22.12	17.37	38.5	PASS
				RB3#0	22.17	17.42	38.5	PASS
				RB3#2	22.14	17.39	38.5	PASS
				RB3#3	22.08	17.33	38.5	PASS
				RB6#0	21.11	16.36	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.32	17.57	38.5	PASS
				RB1#3	22.31	17.56	38.5	PASS
				RB1#5	22.1	17.35	38.5	PASS
				RB3#0	22.28	17.53	38.5	PASS
				RB3#2	22.19	17.44	38.5	PASS
				RB3#3	22.07	17.32	38.5	PASS
				RB6#0	21.27	16.52	38.5	PASS
		3	LCH	RB1#0	22.43	17.68	38.5	PASS
				RB1#7	22.77	18.02	38.5	PASS
				RB1#14	22.42	17.67	38.5	PASS
				RB8#0	21.47	16.72	38.5	PASS
				RB8#4	21.58	16.83	38.5	PASS
				RB8#7	21.53	16.78	38.5	PASS
				RB15#0	21.51	16.76	38.5	PASS
				MCH	RB1#0	22.17	17.42	38.5
RB1#7	22.27	17.52	38.5		PASS			
RB1#14	22.02	17.27	38.5		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.15	16.4	38.5	PASS	
				RB8#4	21.16	16.41	38.5	PASS	
				RB8#7	21.17	16.42	38.5	PASS	
				RB15#0	21.19	16.44	38.5	PASS	
			HCH	RB1#0	22.44	17.69	38.5	PASS	
				RB1#7	22.48	17.73	38.5	PASS	
				RB1#14	21.92	17.17	38.5	PASS	
				RB8#0	21.45	16.7	38.5	PASS	
				RB8#4	21.34	16.59	38.5	PASS	
				RB8#7	21.2	16.45	38.5	PASS	
				RB15#0	21.32	16.57	38.5	PASS	
				5	LCH	RB1#0	22.32	17.57	38.5
			RB1#13			22.71	17.96	38.5	PASS
			RB1#24			22.41	17.66	38.5	PASS
		RB12#0	21.48			16.73	38.5	PASS	
		RB12#6	21.65			16.9	38.5	PASS	
		RB12#13	21.55			16.8	38.5	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.56	16.81	38.5	PASS
			MCH	RB1#0	22.14	17.39	38.5	PASS
				RB1#13	22.19	17.44	38.5	PASS
				RB1#24	21.9	17.15	38.5	PASS
				RB12#0	21.23	16.48	38.5	PASS
				RB12#6	21.24	16.49	38.5	PASS
				RB12#13	21.09	16.34	38.5	PASS
				RB25#0	21.21	16.46	38.5	PASS
				HCH	RB1#0	22.55	17.8	38.5
			RB1#13		22.58	17.83	38.5	PASS
			RB1#24		21.91	17.16	38.5	PASS
			RB12#0		21.59	16.84	38.5	PASS
			RB12#6		21.6	16.85	38.5	PASS
			RB12#13		21.21	16.46	38.5	PASS
			RB25#0		21.43	16.68	38.5	PASS
		10	LCH	RB1#0	22.71	17.96	38.5	PASS
				RB1#25	23.14	18.39	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.41	17.66	38.5	PASS
				RB25#0	22.03	17.28	38.5	PASS
				RB25#13	22.08	17.33	38.5	PASS
				RB25#25	21.75	17	38.5	PASS
				RB50#0	21.95	17.2	38.5	PASS
			MCH	RB1#0	22.54	17.79	38.5	PASS
			MCH	RB1#25	22.73	17.98	38.5	PASS
			MCH	RB1#49	22.52	17.77	38.5	PASS
			MCH	RB25#0	21.64	16.89	38.5	PASS
			MCH	RB25#13	21.65	16.9	38.5	PASS
			MCH	RB25#25	21.5	16.75	38.5	PASS
			MCH	RB50#0	21.62	16.87	38.5	PASS
			HCH	RB1#0	22.5	17.75	38.5	PASS
			HCH	RB1#25	23.17	18.42	38.5	PASS
			HCH	RB1#49	22.28	17.53	38.5	PASS
			HCH	RB25#0	21.8	17.05	38.5	PASS
			HCH	RB25#13	22.03	17.28	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.84	17.09	38.5	PASS
				RB50#0	21.91	17.16	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.63	16.88	38.5	PASS
				RB1#3	21.64	16.89	38.5	PASS
				RB1#5	21.6	16.85	38.5	PASS
				RB3#0	21.47	16.72	38.5	PASS
				RB3#2	21.4	16.65	38.5	PASS
				RB3#3	21.41	16.66	38.5	PASS
				RB6#0	20.41	15.66	38.5	PASS
			MCH	RB1#0	21.37	16.62	38.5	PASS
				RB1#3	21.34	16.59	38.5	PASS
				RB1#5	21.24	16.49	38.5	PASS
				RB3#0	21.26	16.51	38.5	PASS
				RB3#2	21.24	16.49	38.5	PASS
				RB3#3	21.16	16.41	38.5	PASS
HCH	RB6#0	20.18	15.43	38.5	PASS			
HCH	RB1#0	21.51	16.76	38.5	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB1#3	21.45	16.7	38.5	PASS	
				RB1#5	21.34	16.59	38.5	PASS	
				RB3#0	21.39	16.64	38.5	PASS	
				RB3#2	21.31	16.56	38.5	PASS	
				RB3#3	21.21	16.46	38.5	PASS	
				RB6#0	20.33	15.58	38.5	PASS	
		3	LCH	RB1#0	21.31	16.56	38.5	PASS	
				RB1#7	21.54	16.79	38.5	PASS	
				RB1#14	21.26	16.51	38.5	PASS	
				RB8#0	20.45	15.7	38.5	PASS	
				RB8#4	20.55	15.8	38.5	PASS	
				RB8#7	20.44	15.69	38.5	PASS	
				RB15#0	20.46	15.71	38.5	PASS	
				MCH	RB1#0	21.17	16.42	38.5	PASS
					RB1#7	21.33	16.58	38.5	PASS
					RB1#14	21.07	16.32	38.5	PASS
RB8#0	20.12	15.37	38.5		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	20.16	15.41	38.5	PASS
				RB8#7	20.1	15.35	38.5	PASS
				RB15#0	20.1	15.35	38.5	PASS
			HCH	RB1#0	21.57	16.82	38.5	PASS
				RB1#7	21.64	16.89	38.5	PASS
				RB1#14	21.22	16.47	38.5	PASS
				RB8#0	20.4	15.65	38.5	PASS
				RB8#4	20.31	15.56	38.5	PASS
				RB8#7	20.21	15.46	38.5	PASS
		RB15#0	20.35	15.6	38.5	PASS		
		5	LCH	RB1#0	21.45	16.7	38.5	PASS
				RB1#13	21.76	17.01	38.5	PASS
				RB1#24	21.46	16.71	38.5	PASS
				RB12#0	20.43	15.68	38.5	PASS
				RB12#6	20.61	15.86	38.5	PASS
RB12#13	20.51			15.76	38.5	PASS		
RB25#0	20.55			15.8	38.5	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.28	16.53	38.5	PASS
				RB1#13	21.34	16.59	38.5	PASS
				RB1#24	21.06	16.31	38.5	PASS
				RB12#0	20.15	15.4	38.5	PASS
				RB12#6	20.17	15.42	38.5	PASS
				RB12#13	20.03	15.28	38.5	PASS
				RB25#0	20.1	15.35	38.5	PASS
			HCH	RB1#0	21.97	17.22	38.5	PASS
				RB1#13	21.98	17.23	38.5	PASS
				RB1#24	21.35	16.6	38.5	PASS
				RB12#0	20.58	15.83	38.5	PASS
				RB12#6	20.61	15.86	38.5	PASS
				RB12#13	20.16	15.41	38.5	PASS
				RB25#0	20.39	15.64	38.5	PASS
		10	LCH	RB1#0	21.91	17.16	38.5	PASS
RB1#25	22.39			17.64	38.5	PASS		
RB1#49	21.65			16.9	38.5	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.96	16.21	38.5	PASS
				RB25#13	21.02	16.27	38.5	PASS
				RB25#25	20.68	15.93	38.5	PASS
				RB50#0	20.9	16.15	38.5	PASS
			MCH	RB1#0	21.7	16.95	38.5	PASS
				RB1#25	21.8	17.05	38.5	PASS
				RB1#49	21.63	16.88	38.5	PASS
				RB25#0	20.62	15.87	38.5	PASS
				RB25#13	20.63	15.88	38.5	PASS
				RB25#25	20.46	15.71	38.5	PASS
				RB50#0	20.6	15.85	38.5	PASS
				HCH	RB1#0	21.62	16.87	38.5
			RB1#25		22.43	17.68	38.5	PASS
			RB1#49		21.46	16.71	38.5	PASS
			RB25#0		20.79	16.04	38.5	PASS
			RB25#13		20.91	16.16	38.5	PASS
			RB25#25		20.8	16.05	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.83	16.08	38.5	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
BAND5	LTE/TM1	1.4	LCH	RB1#0	4.76	13	PASS
				RB1#3	4.72	13	PASS
				RB1#5	4.74	13	PASS
				RB3#0	5.27	13	PASS
				RB3#2	5.28	13	PASS
				RB3#3	5.27	13	PASS
				RB6#0	5.67	13	PASS
			MCH	RB1#0	4.84	13	PASS
				RB1#3	4.88	13	PASS
				RB1#5	4.81	13	PASS
				RB3#0	5.41	13	PASS
				RB3#2	5.41	13	PASS
				RB3#3	5.41	13	PASS
				RB6#0	5.7	13	PASS
		HCH	RB1#0	4.67	13	PASS	
			RB1#3	4.72	13	PASS	
			RB1#5	4.81	13	PASS	
			RB3#0	5.14	13	PASS	
			RB3#2	5.09	13	PASS	
			RB3#3	5.17	13	PASS	
			RB6#0	5.85	13	PASS	
		3	LCH	RB1#0	4.76	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	4.71	13	PASS
				RB8#0	5.66	13	PASS
				RB8#4	5.58	13	PASS
				RB8#7	5.63	13	PASS
				RB15#0	5.97	13	PASS
MCH	RB1#0		5.01	13	PASS		
	RB1#7		4.9	13	PASS		
	RB1#14		5.01	13	PASS		
	RB8#0		5.73	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	5.76	13	PASS	
				RB8#7	5.69	13	PASS	
				RB15#0	5.76	13	PASS	
			HCH	RB1#0	4.38	13	PASS	
				RB1#7	4.39	13	PASS	
				RB1#14	4.84	13	PASS	
				RB8#0	5.56	13	PASS	
				RB8#4	5.51	13	PASS	
				RB8#7	5.65	13	PASS	
			RB15#0	5.74	13	PASS		
			5	LCH	RB1#0	4.83	13	PASS
					RB1#13	4.7	13	PASS
					RB1#24	4.7	13	PASS
					RB12#0	5.81	13	PASS
					RB12#6	5.65	13	PASS
		RB12#13			5.71	13	PASS	
		RB25#0		5.96	13	PASS		
		MCH		RB1#0	5	13	PASS	
				RB1#13	5.08	13	PASS	
				RB1#24	5.13	13	PASS	
				RB12#0	5.64	13	PASS	
				RB12#6	5.58	13	PASS	
			RB12#13	5.58	13	PASS		
		RB25#0	6.01	13	PASS			
		HCH	RB1#0	4.55	13	PASS		
			RB1#13	4.4	13	PASS		
			RB1#24	4.94	13	PASS		
			RB12#0	5.2	13	PASS		
			RB12#6	5.15	13	PASS		
			RB12#13	5.4	13	PASS		
			RB25#0	5.56	13	PASS		
		10	LCH	RB1#0	4.77	13	PASS	
				RB1#25	4.2	13	PASS	
RB1#49	4.62			13	PASS			
RB25#0	5.67			13	PASS			
RB25#13	5.43			13	PASS			
RB25#25	5.66			13	PASS			
RB50#0	5.83		13	PASS				
MCH	RB1#0		4.55	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#25	4.69	13	PASS			
				RB1#49	4.79	13	PASS			
				RB25#0	5.89	13	PASS			
				RB25#13	5.86	13	PASS			
				RB25#25	5.98	13	PASS			
				RB50#0	5.99	13	PASS			
			HCH	RB1#0	4.97	13	PASS			
				RB1#25	3.9	13	PASS			
				RB1#49	4.76	13	PASS			
				RB25#0	5.68	13	PASS			
				RB25#13	5.19	13	PASS			
				RB25#25	5.34	13	PASS			
					1.4	LCH	RB1#0	5.7	13	PASS
							RB1#3	5.84	13	PASS
	RB1#5	5.72					13	PASS		
	RB3#0	6.09					13	PASS		
	RB3#2	6.07					13	PASS		
	RB3#3	6.14					13	PASS		
	MCH	RB6#0				6.65	13	PASS		
		RB1#0				5.78	13	PASS		
		RB1#3				6.11	13	PASS		
		RB1#5				5.8	13	PASS		
		RB3#0				6.23	13	PASS		
		RB3#2				6.4	13	PASS		
	HCH	RB3#3				6.24	13	PASS		
		RB6#0				6.5	13	PASS		
		RB1#0				5.18	13	PASS		
		RB1#3				5.27	13	PASS		
		RB1#5	5.18	13	PASS					
		RB3#0	5.84	13	PASS					
		3	LCH	RB3#2	5.88	13	PASS			
				RB3#3	5.88	13	PASS			
				RB6#0	6.54	13	PASS			
				RB1#0	5.8	13	PASS			
				RB1#7	5.65	13	PASS			
				RB1#14	5.68	13	PASS			
				RB8#0	6.36	13	PASS			
				RB8#4	6.38	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.39	13	PASS
				RB15#0	6.81	13	PASS
			MCH	RB1#0	5.98	13	PASS
				RB1#7	5.94	13	PASS
				RB1#14	5.86	13	PASS
				RB8#0	6.46	13	PASS
				RB8#4	6.41	13	PASS
				RB8#7	6.33	13	PASS
			RB15#0	6.6	13	PASS	
			HCH	RB1#0	5.27	13	PASS
				RB1#7	5.27	13	PASS
				RB1#14	5.68	13	PASS
				RB8#0	6.18	13	PASS
				RB8#4	6.22	13	PASS
		RB8#7		6.18	13	PASS	
		RB15#0	6.28	13	PASS		
		5	LCH	RB1#0	5.81	13	PASS
				RB1#13	5.58	13	PASS
				RB1#24	5.45	13	PASS
				RB12#0	6.44	13	PASS
				RB12#6	6.45	13	PASS
				RB12#13	6.32	13	PASS
				RB25#0	6.48	13	PASS
			MCH	RB1#0	5.66	13	PASS
				RB1#13	5.79	13	PASS
				RB1#24	5.66	13	PASS
				RB12#0	6.56	13	PASS
				RB12#6	6.68	13	PASS
				RB12#13	6.39	13	PASS
				RB25#0	6.79	13	PASS
		HCH	RB1#0	4.87	13	PASS	
			RB1#13	4.93	13	PASS	
			RB1#24	5.16	13	PASS	
RB12#0	6.1		13	PASS			
RB12#6	6.01		13	PASS			
RB12#13	6.2		13	PASS			
RB25#0	6.58		13	PASS			
10	LCH	RB1#0	5.47	13	PASS		
		RB1#25	5.19	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.42	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.35	13	PASS
				RB25#25	6.49	13	PASS
				RB50#0	6.54	13	PASS
			MCH	RB1#0	5.35	13	PASS
				RB1#25	5.6	13	PASS
				RB1#49	5.71	13	PASS
				RB25#0	6.54	13	PASS
				RB25#13	6.55	13	PASS
				RB25#25	6.58	13	PASS
				RB50#0	6.93	13	PASS
			HCH	RB1#0	5.37	13	PASS
				RB1#25	4.47	13	PASS
				RB1#49	4.96	13	PASS
				RB25#0	6.48	13	PASS
				RB25#13	6.23	13	PASS
				RB25#25	6.3	13	PASS
				RB50#0	6.59	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

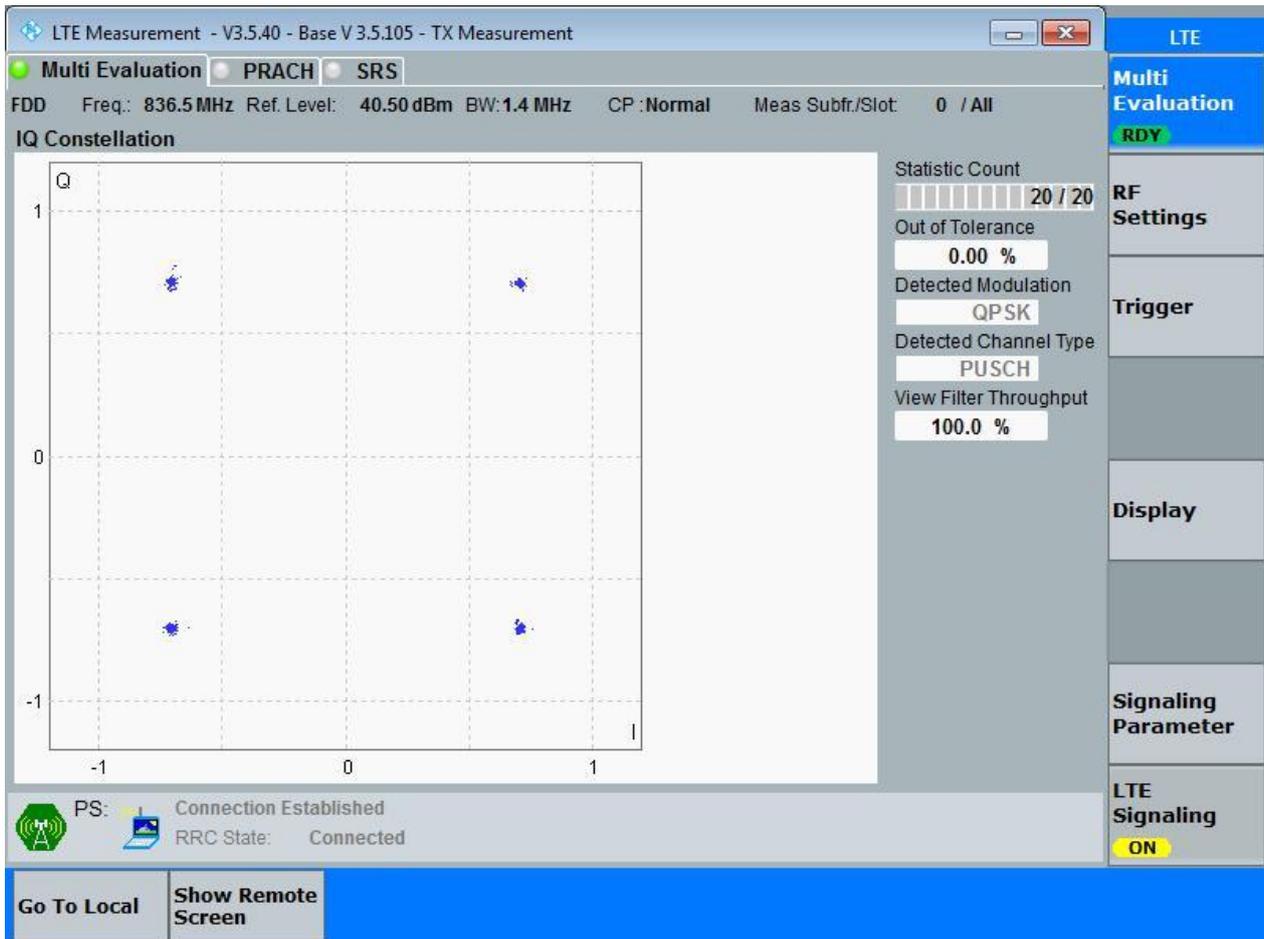
##### 3.1.1 Test Band = BAND5

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

##### 3.1.1.1.1 Test Bandwidth = 1.4

##### 3.1.1.1.1.1 Test Channel = MCH

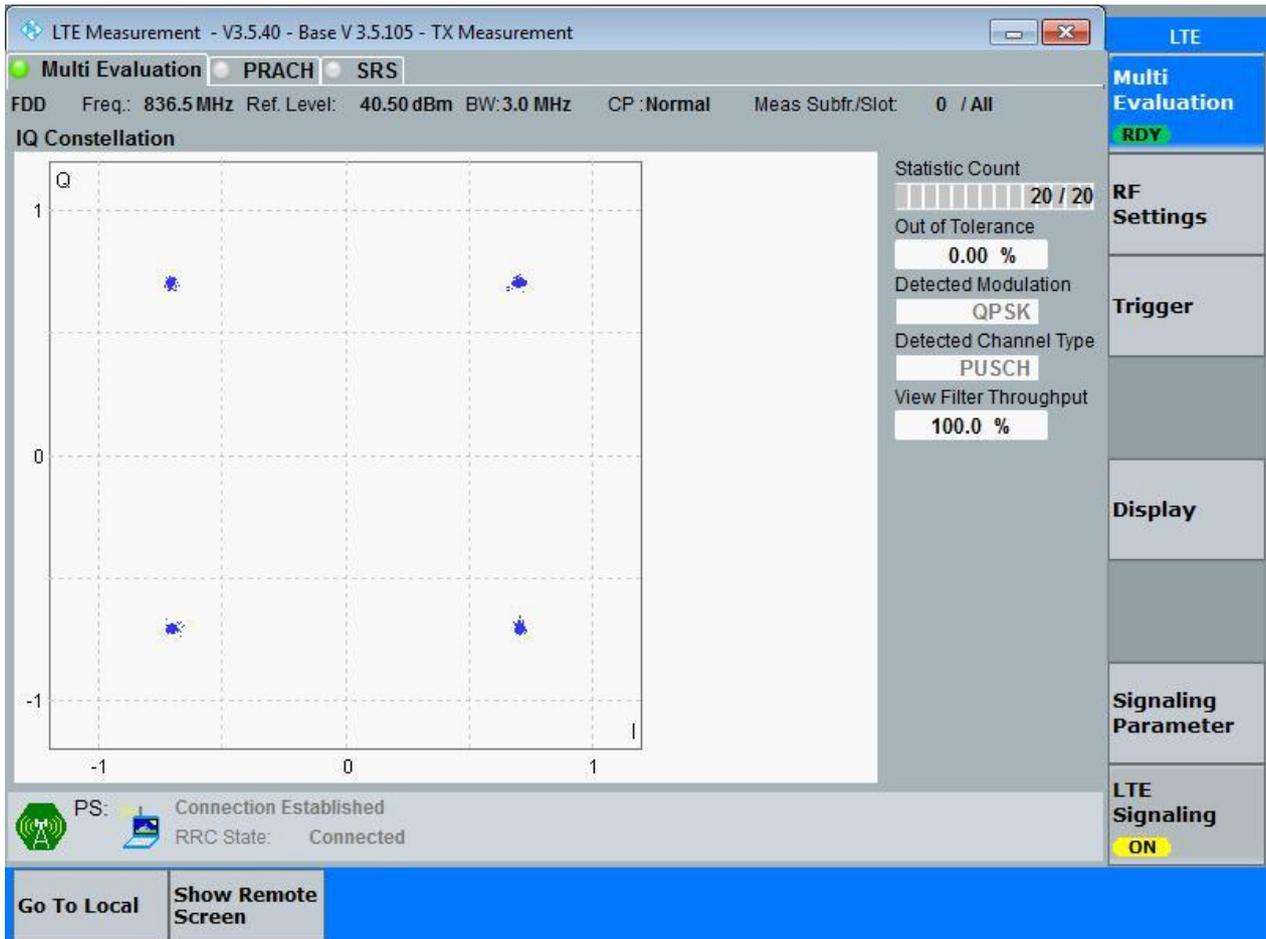
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

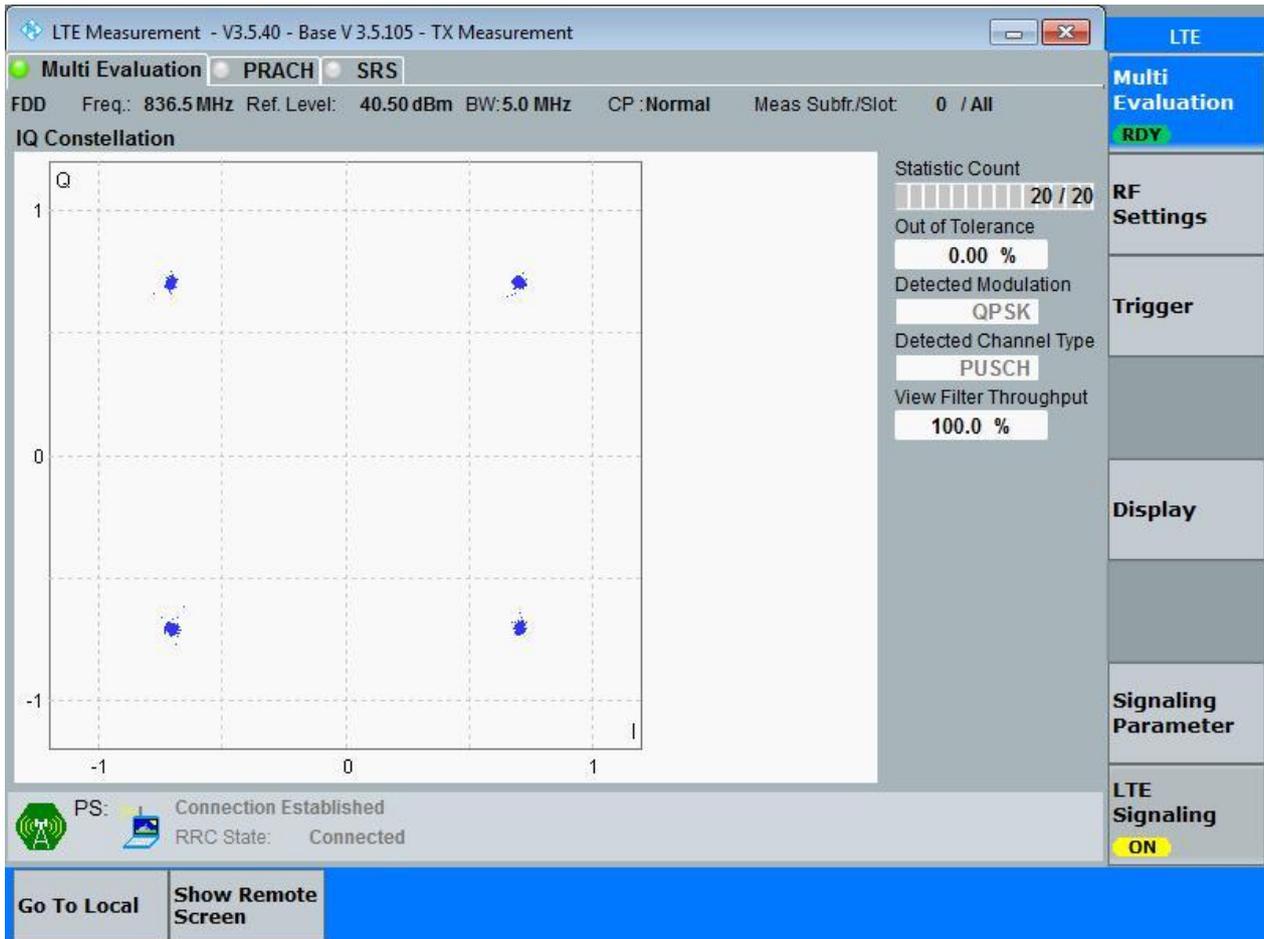
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

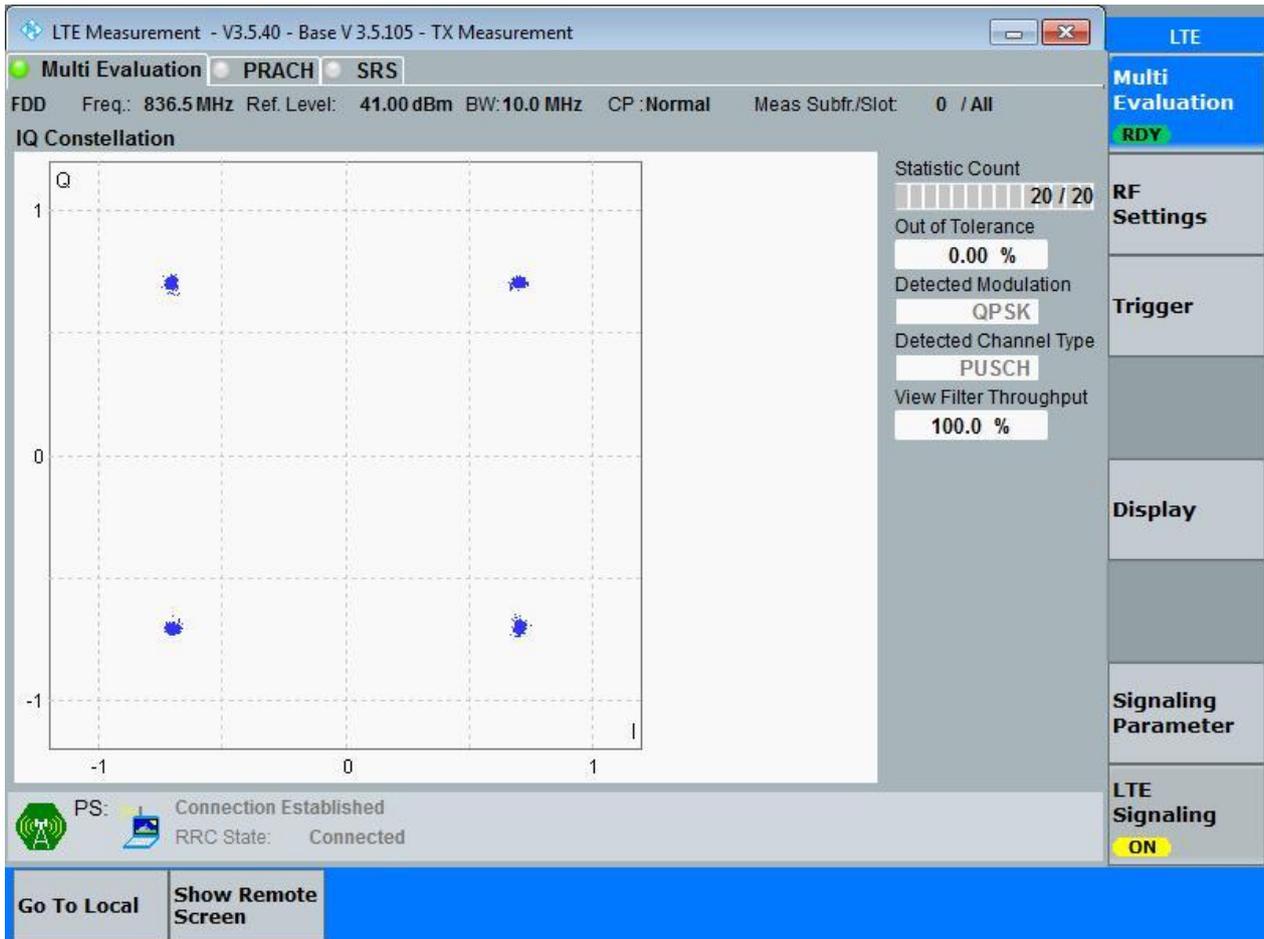
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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

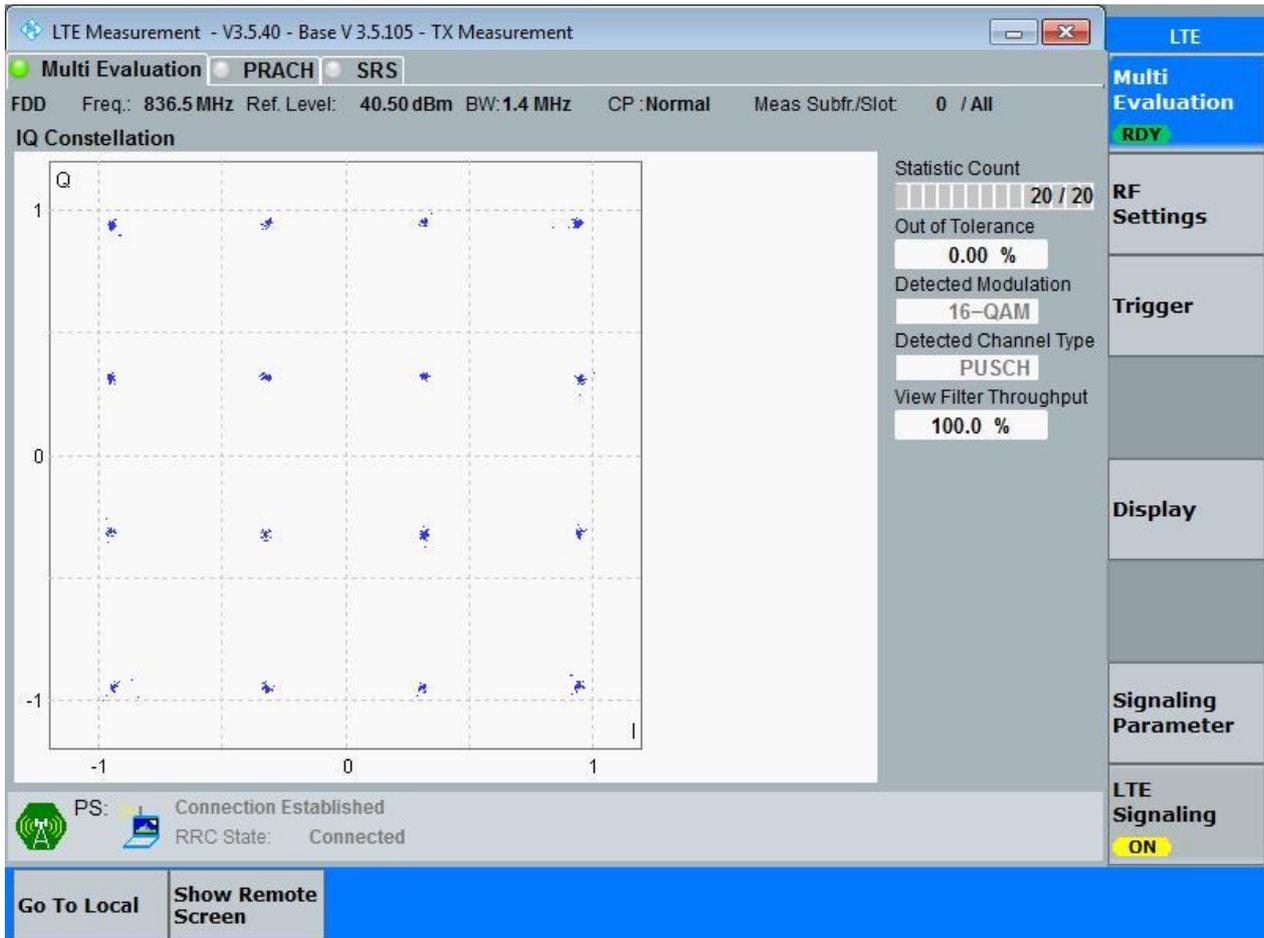


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

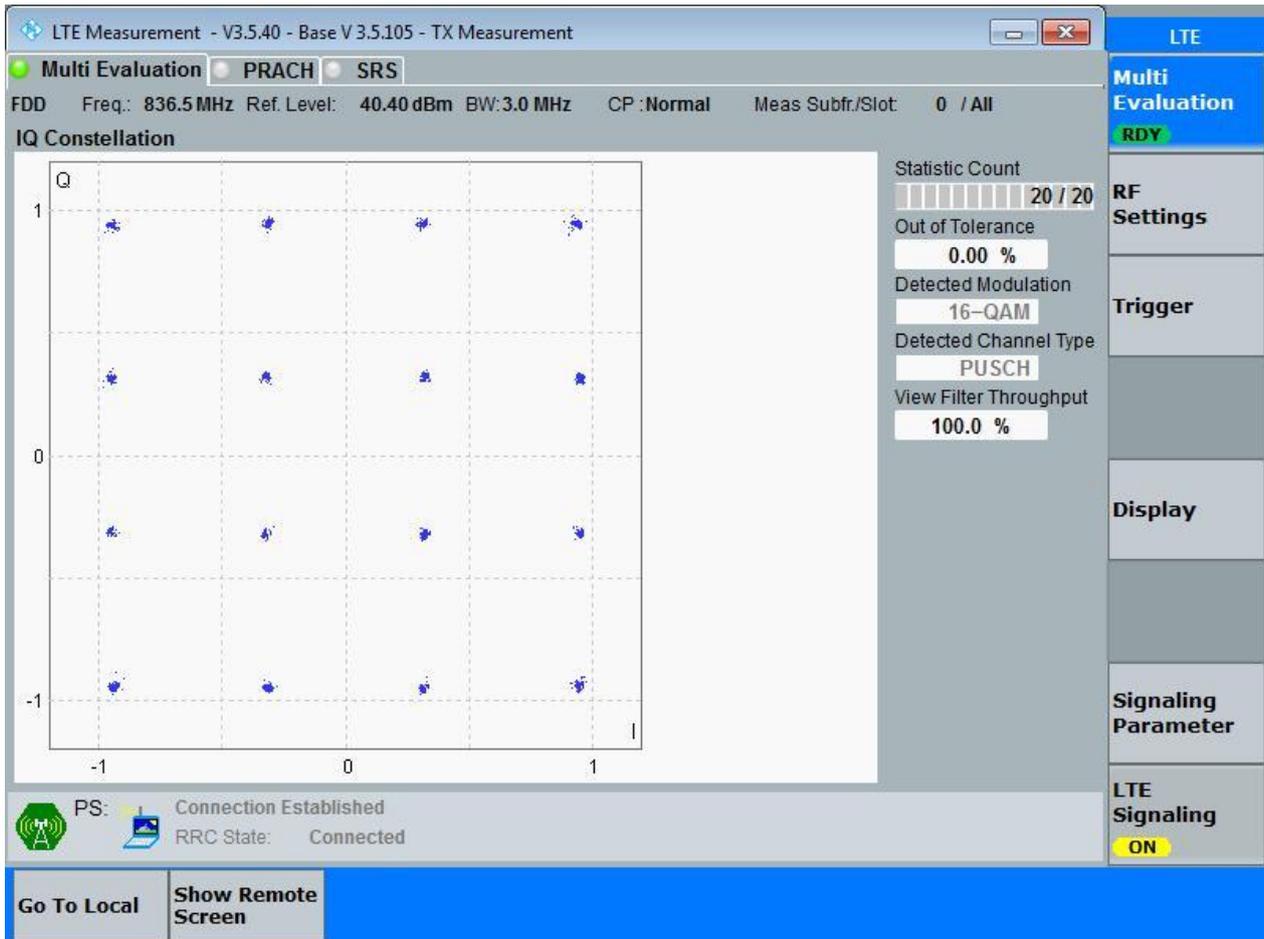
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

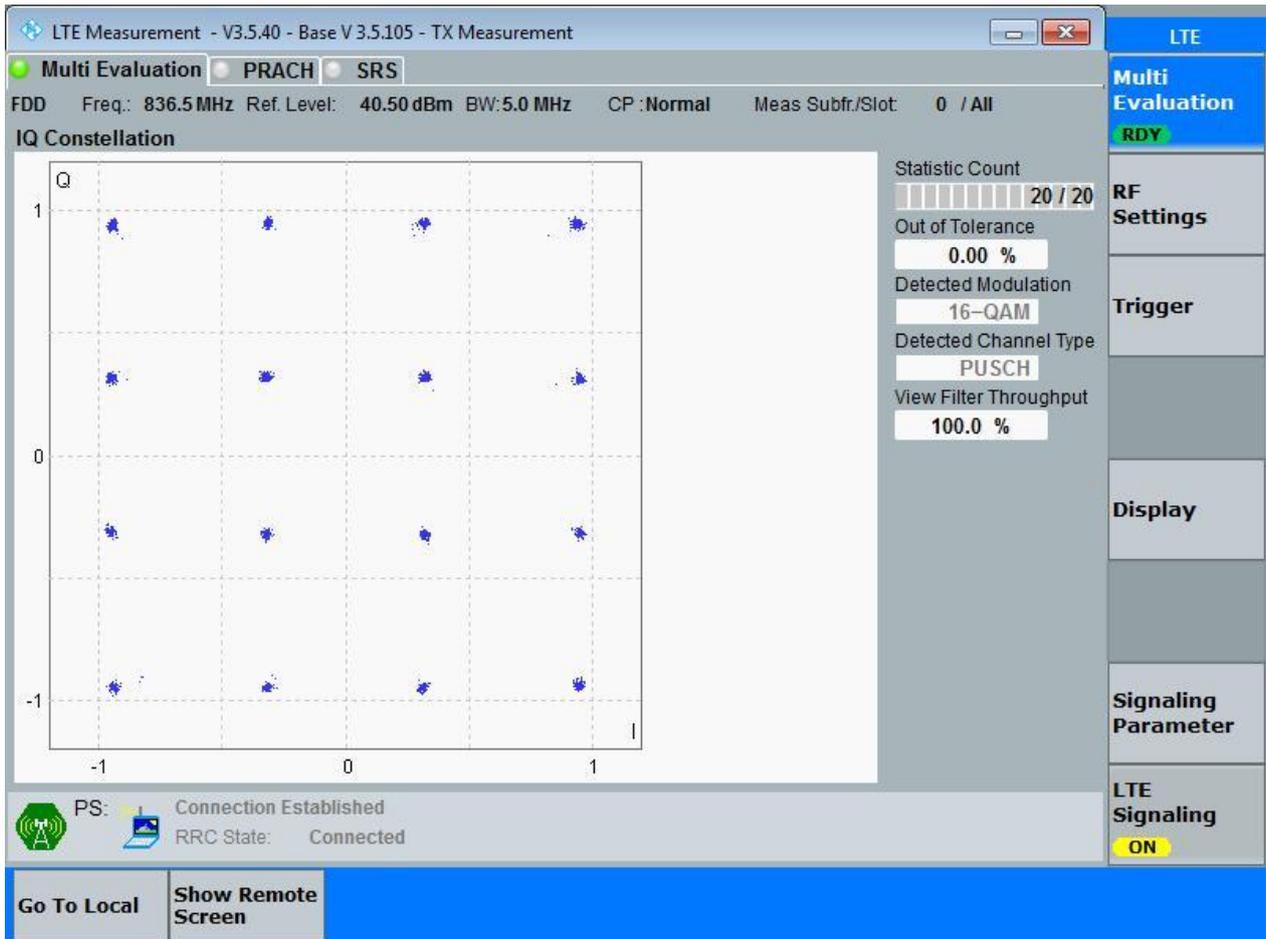
##### 3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

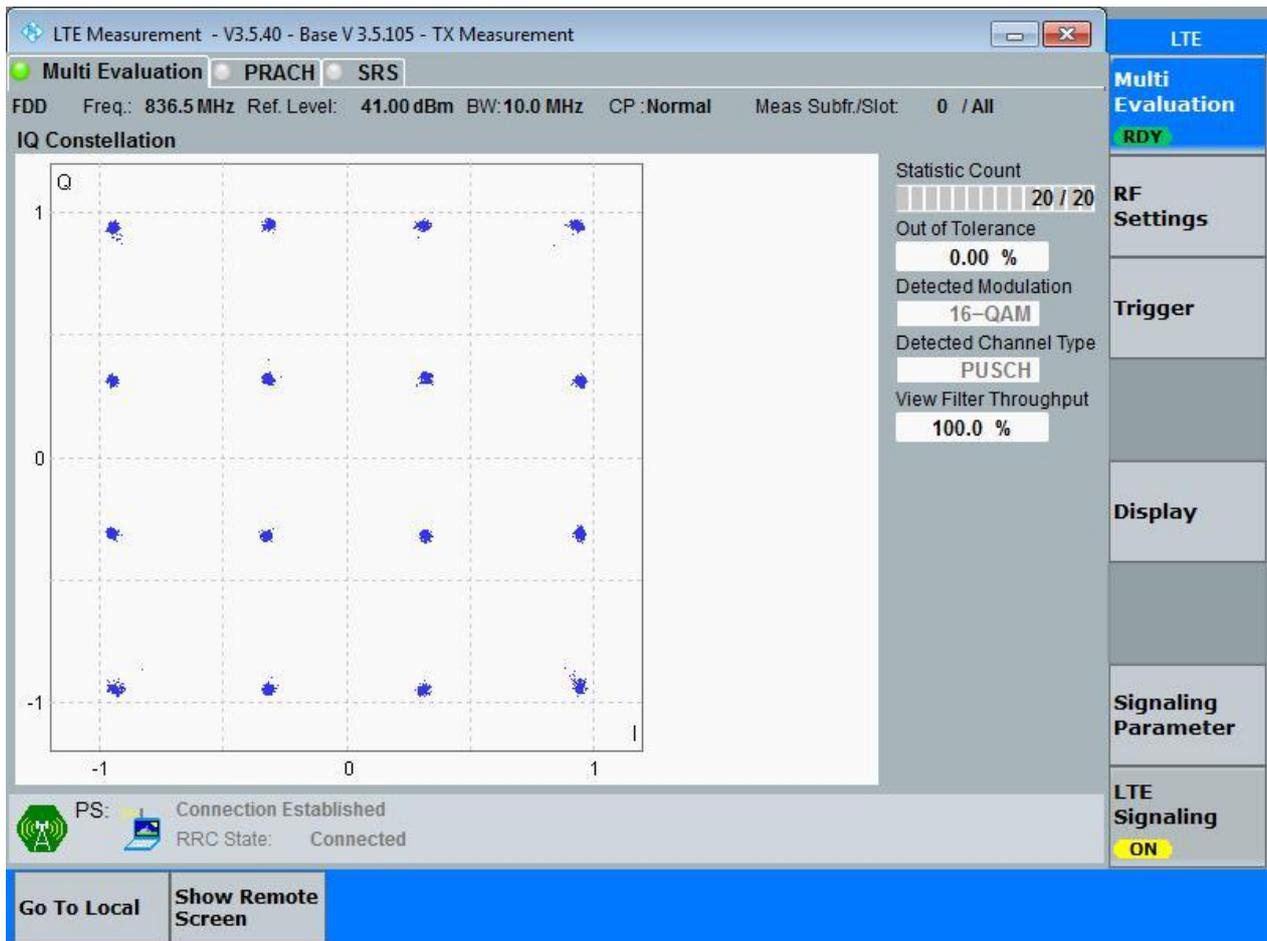
3.1.1.2.3.1.1 Test RB = RB25#0



### 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
BAND5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.22	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.96	9.61	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	8.95	9.60	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	8.96	9.66	Pass
			MCH	RB50#0	9.01	9.66	Pass
			HCH	RB50#0	8.95	9.58	Pass



Part II - Test Plots

4.1 For LTE

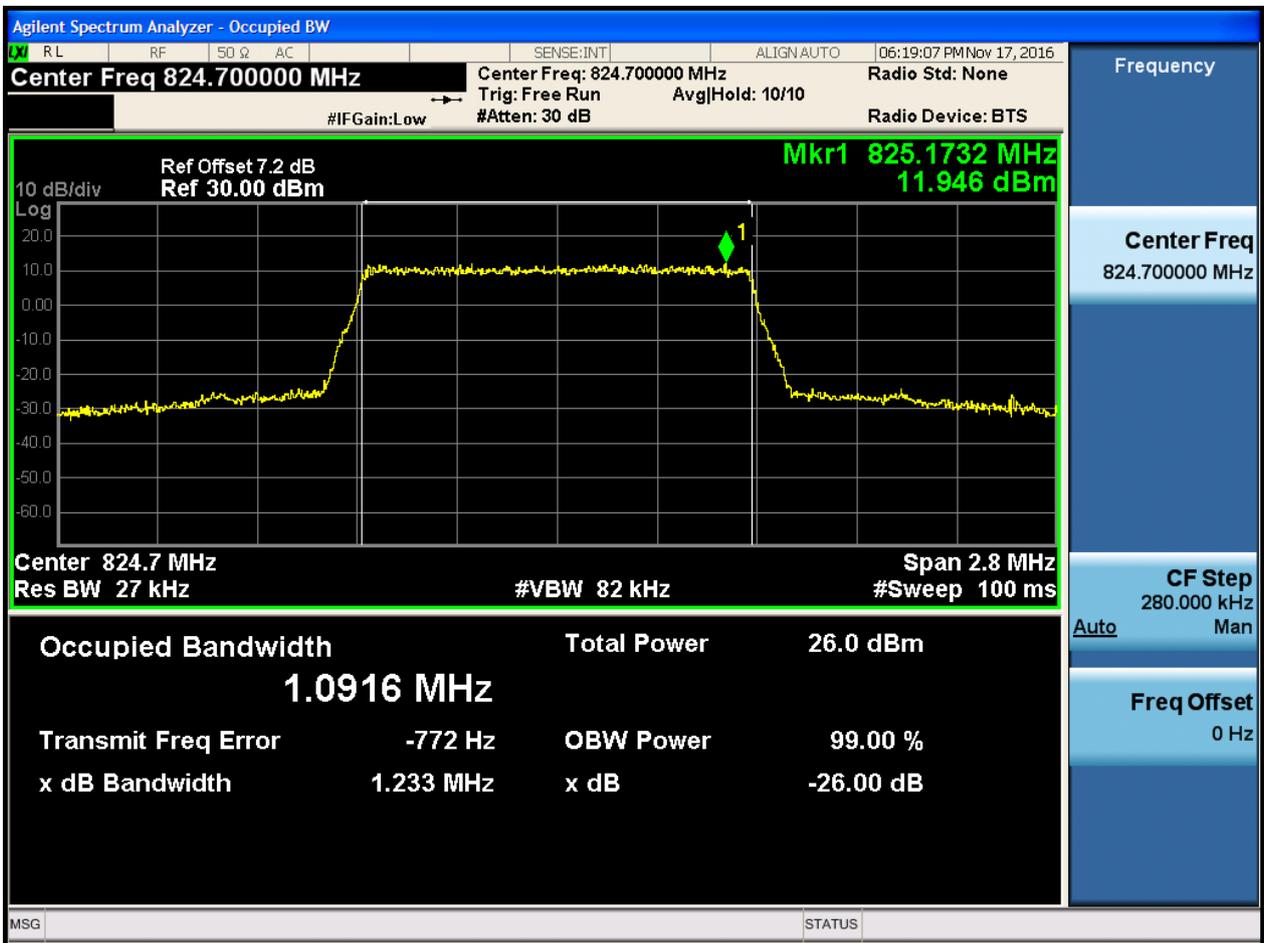
4.1.1 Test Band = BAND5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

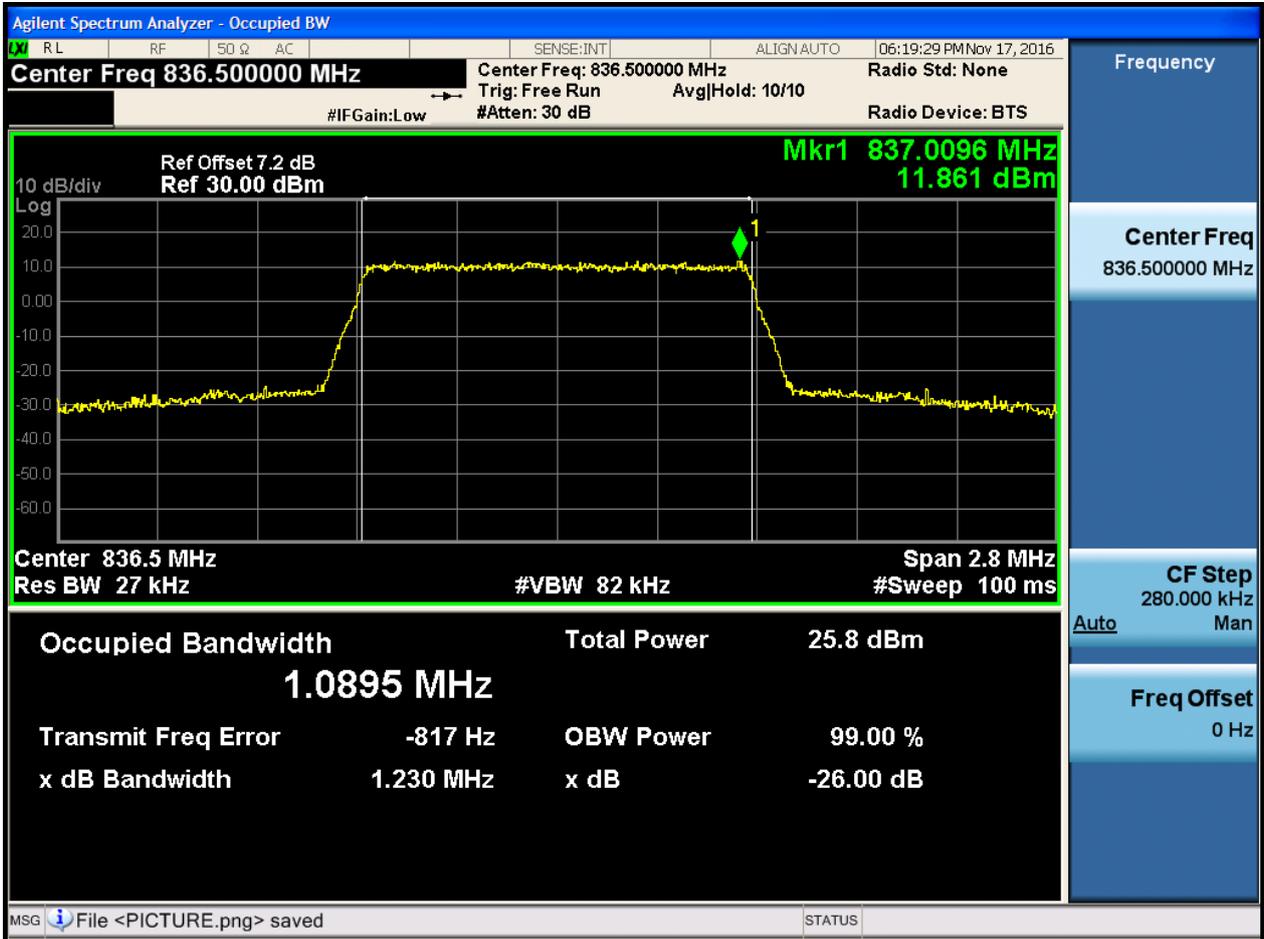
4.1.1.1.1.1.1 Test RB = RB6#0





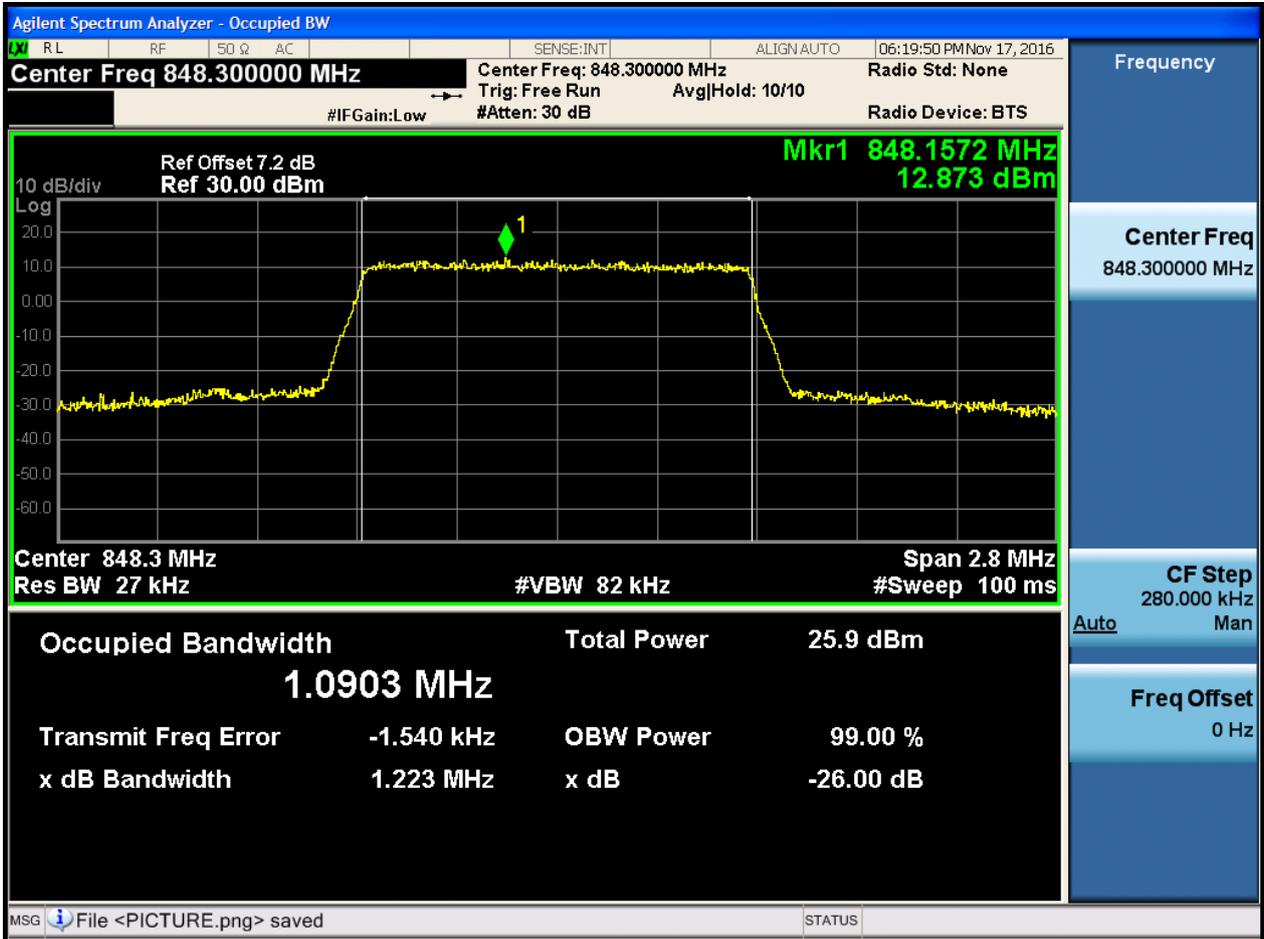
4.1.1.1.2 Test Channel = MCH

4.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

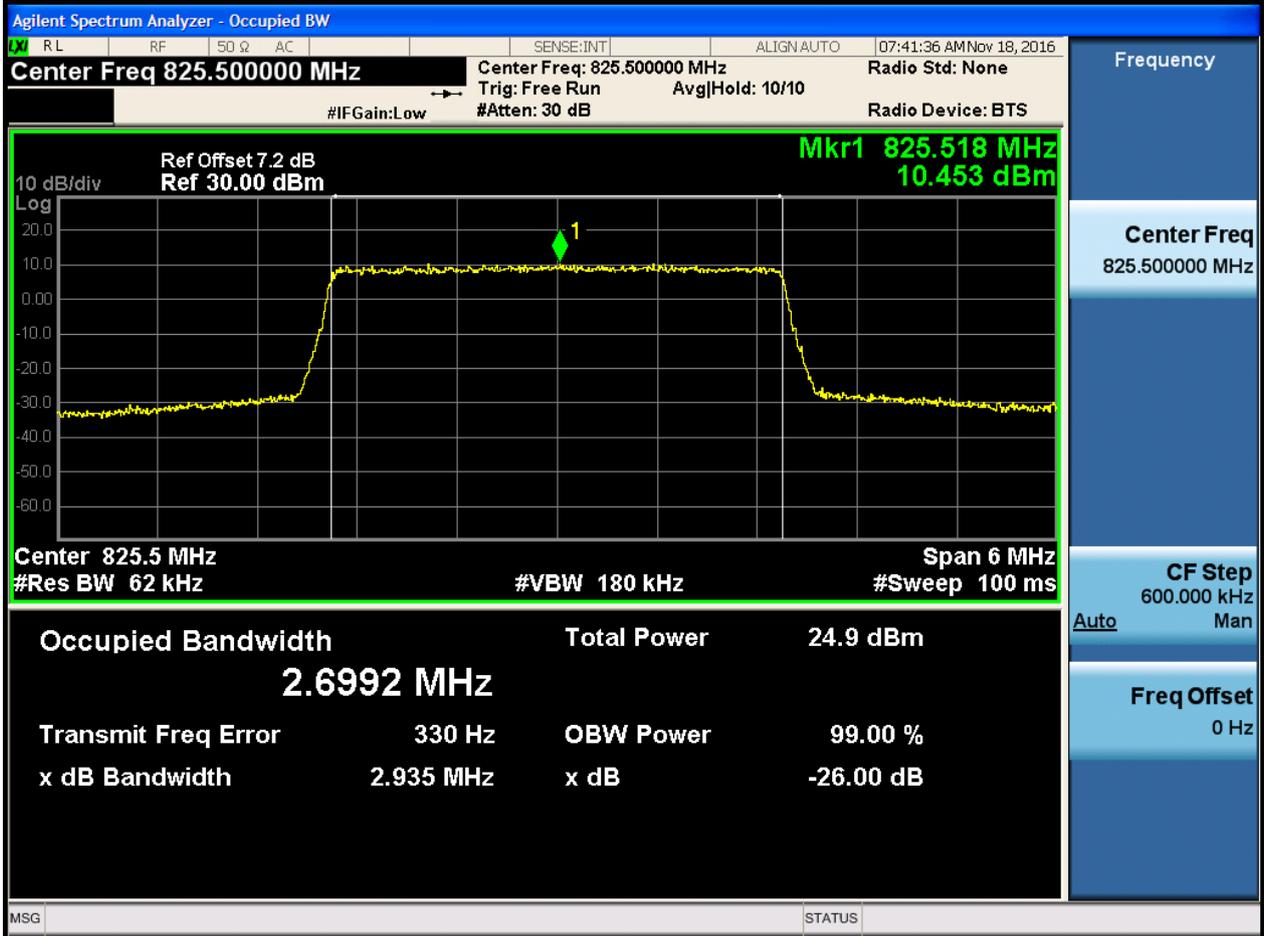




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

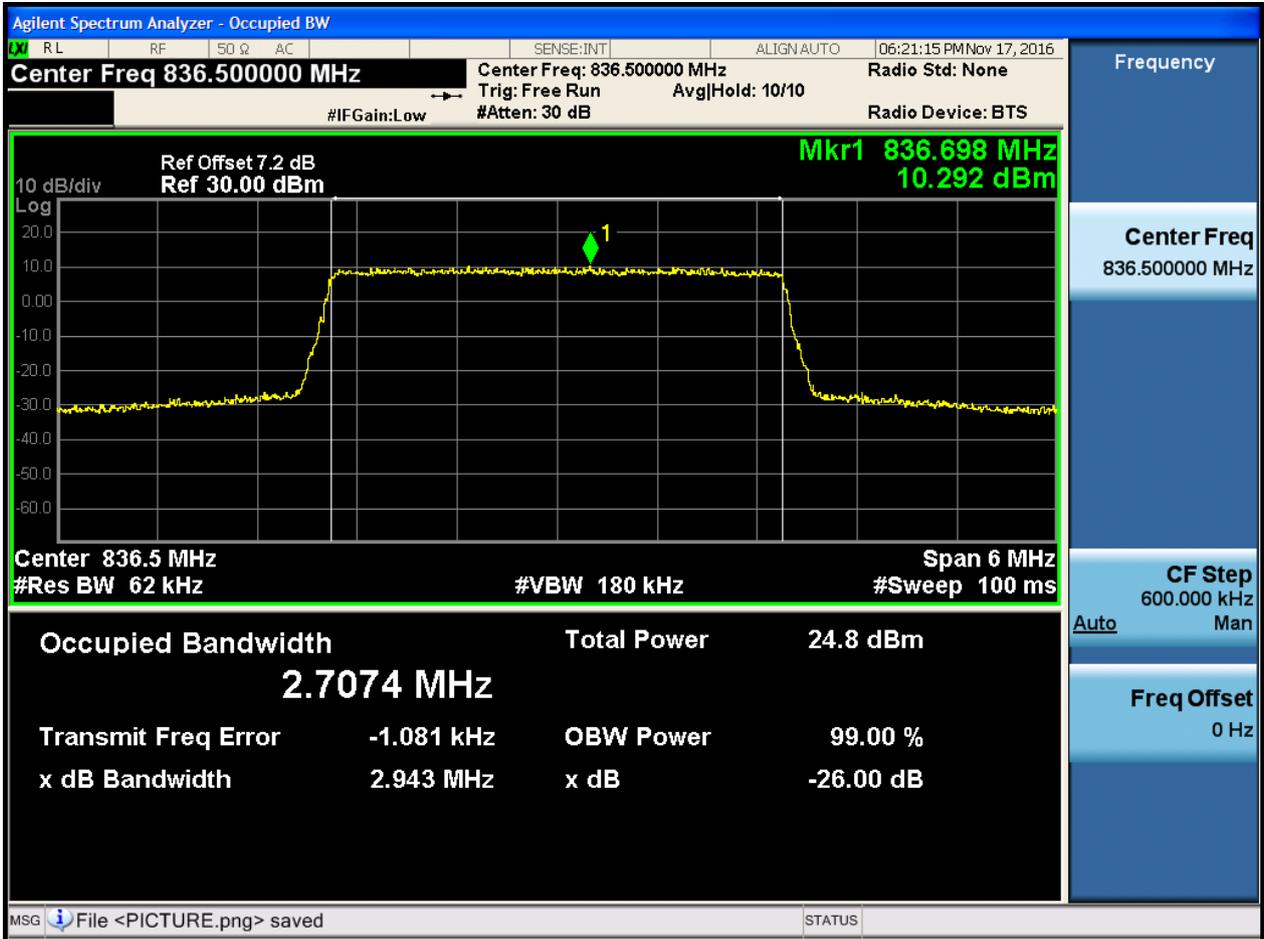
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

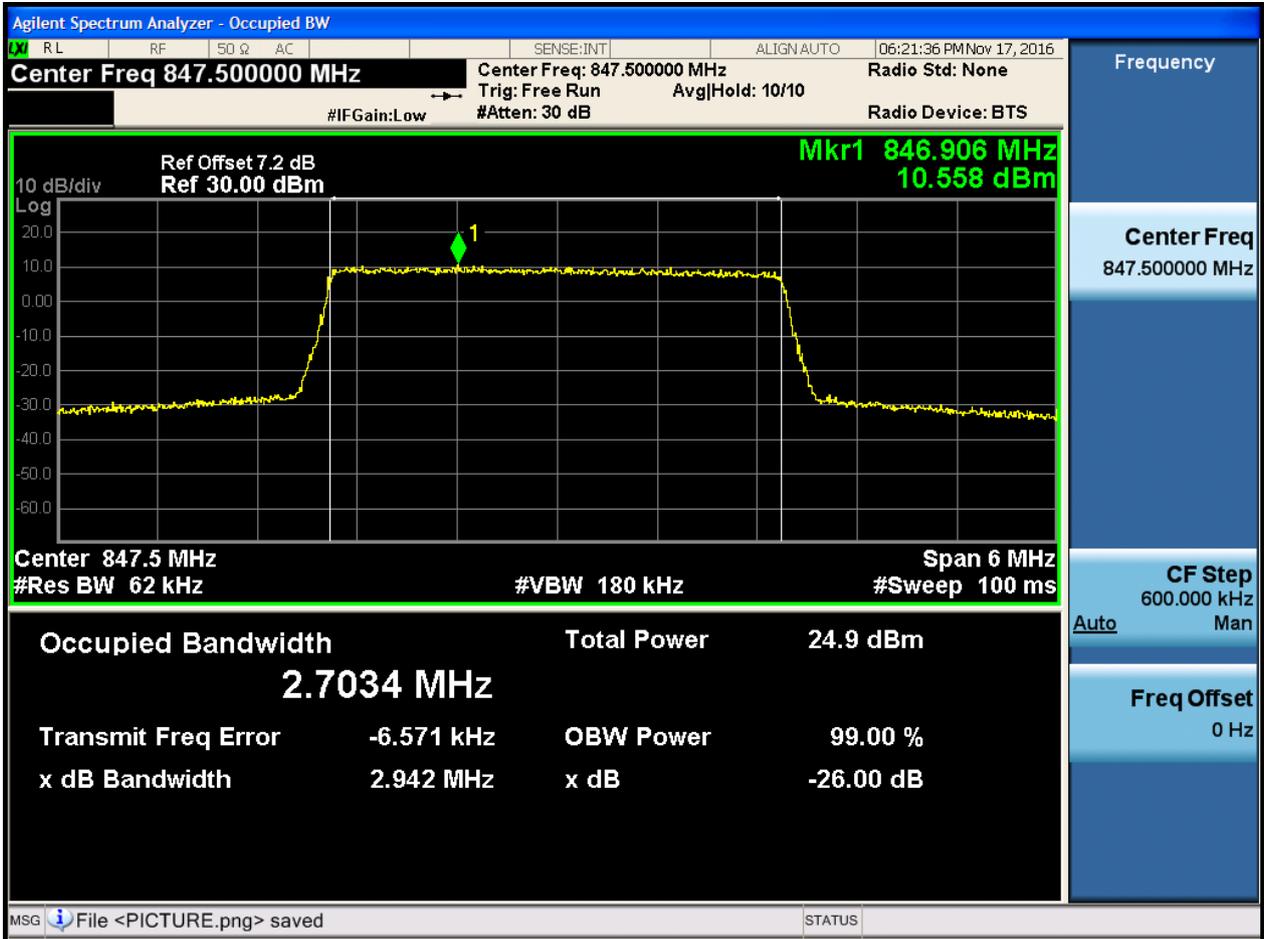
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

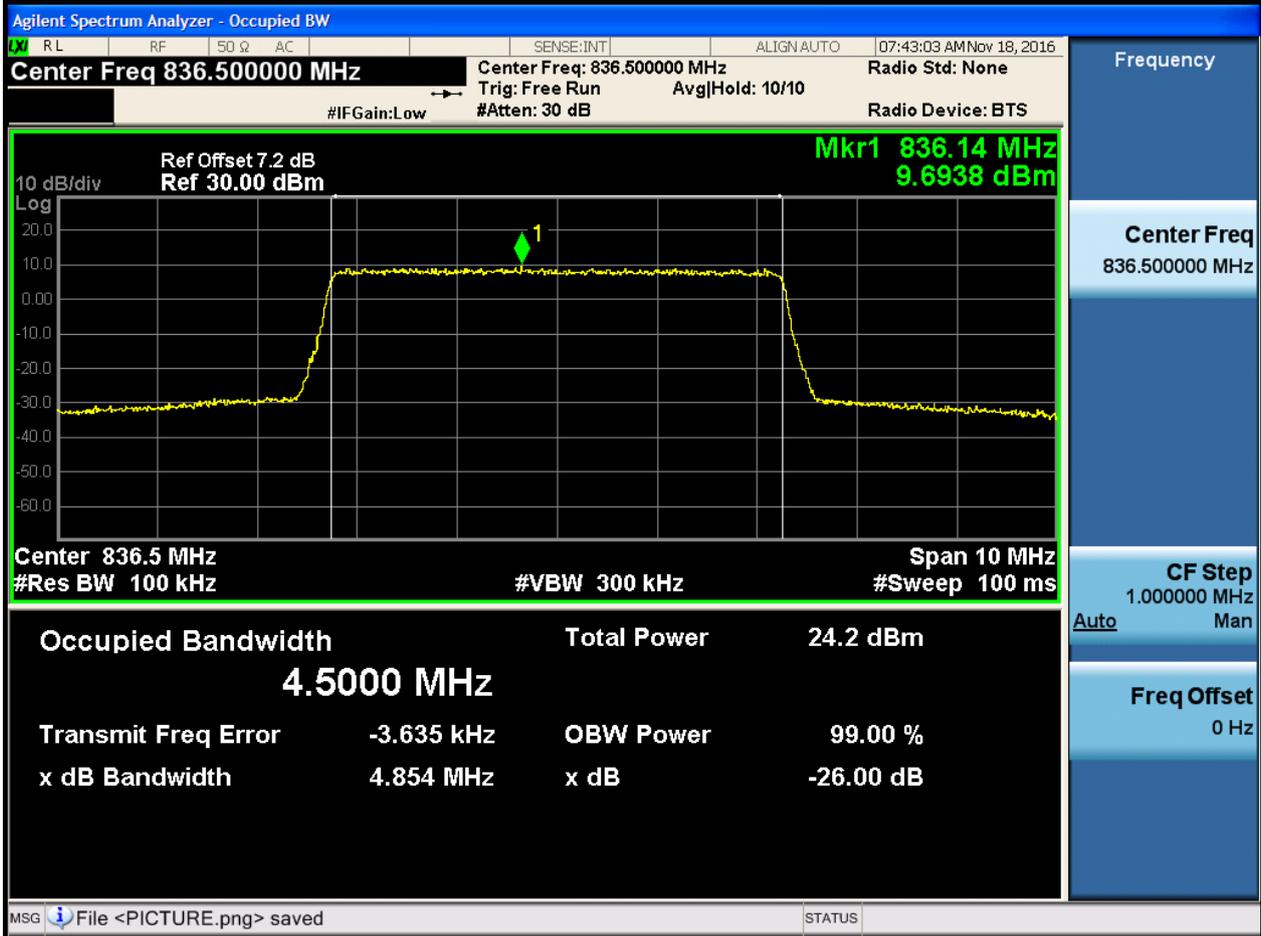




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

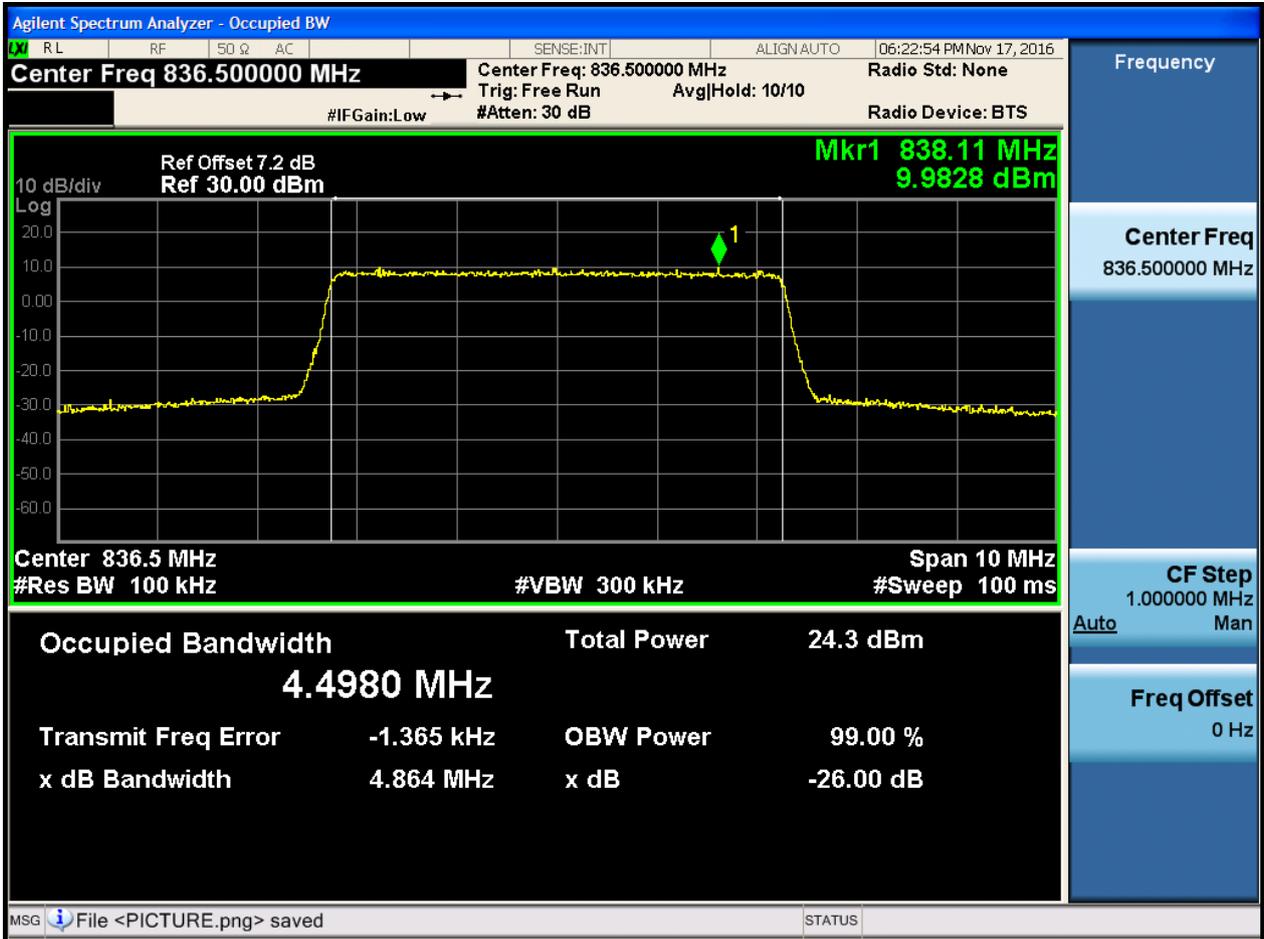
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

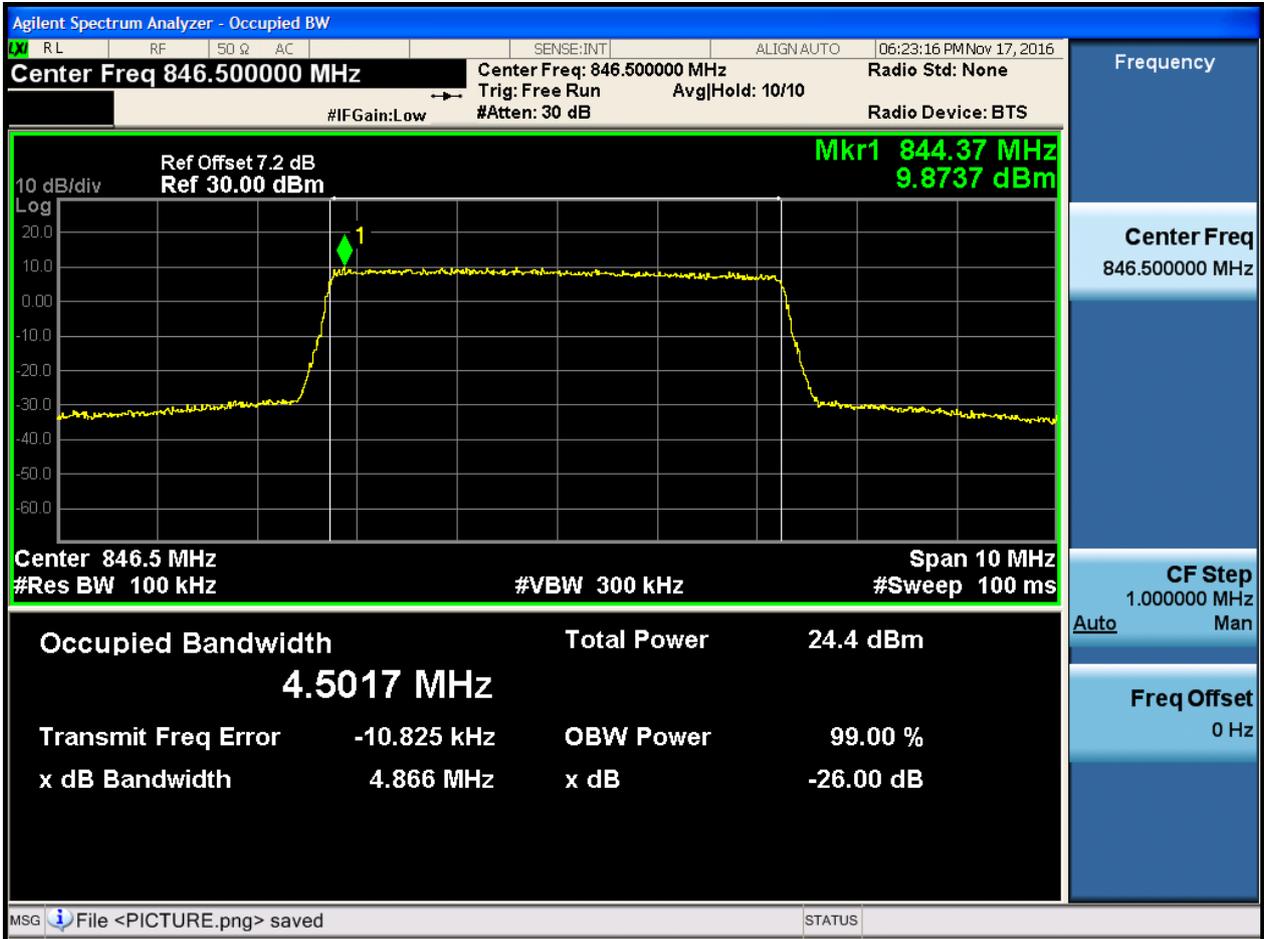
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

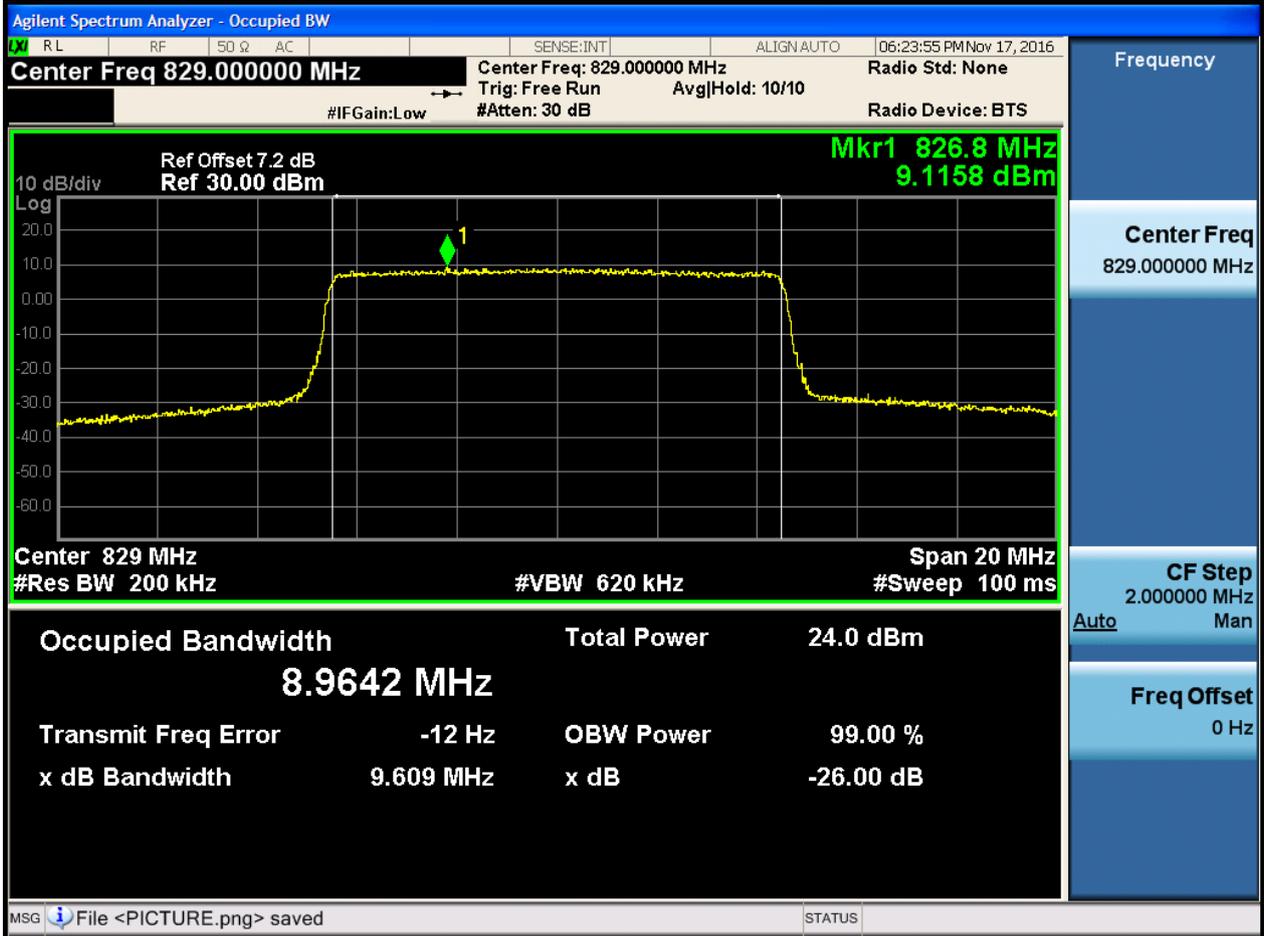




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

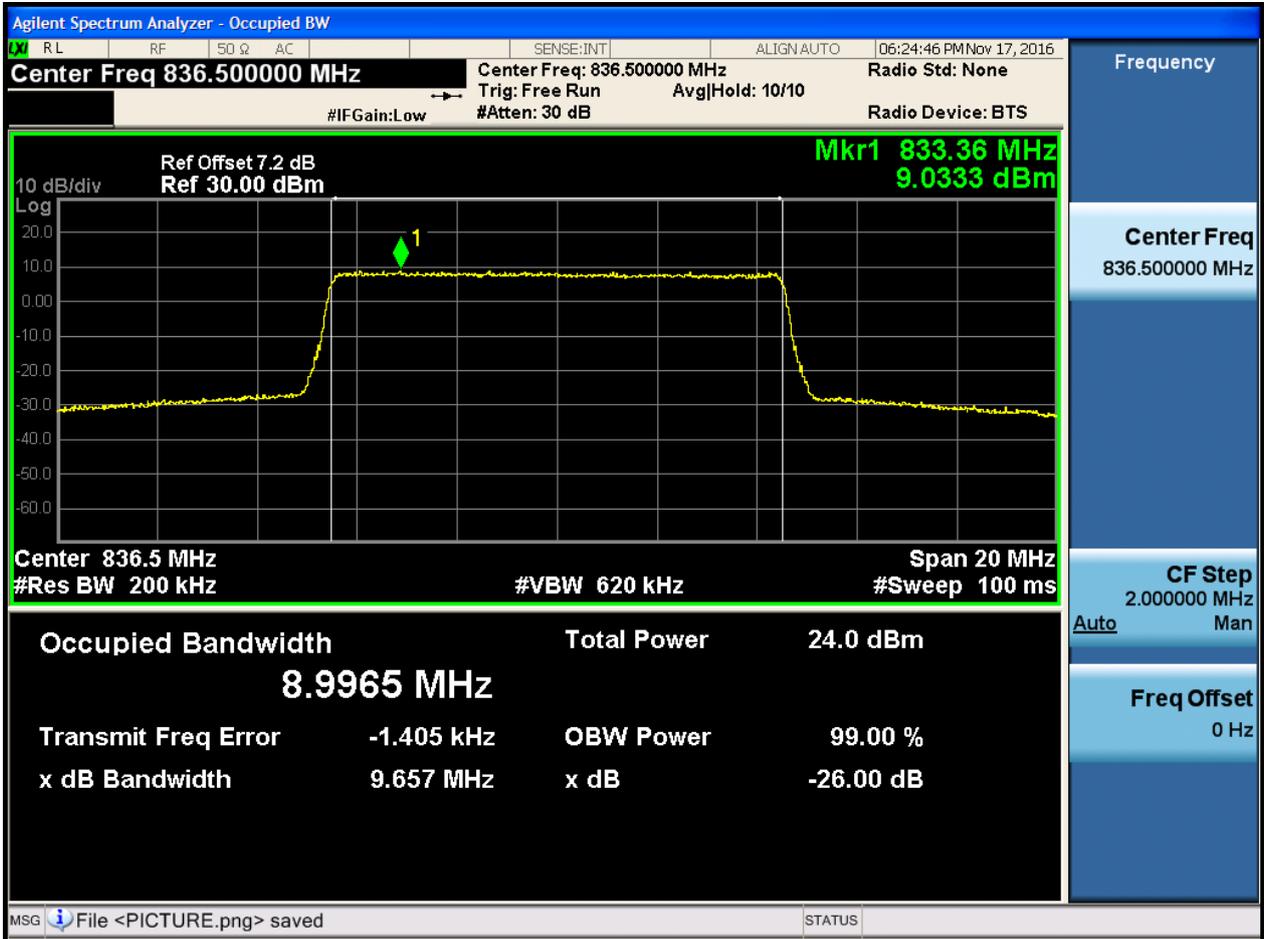
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

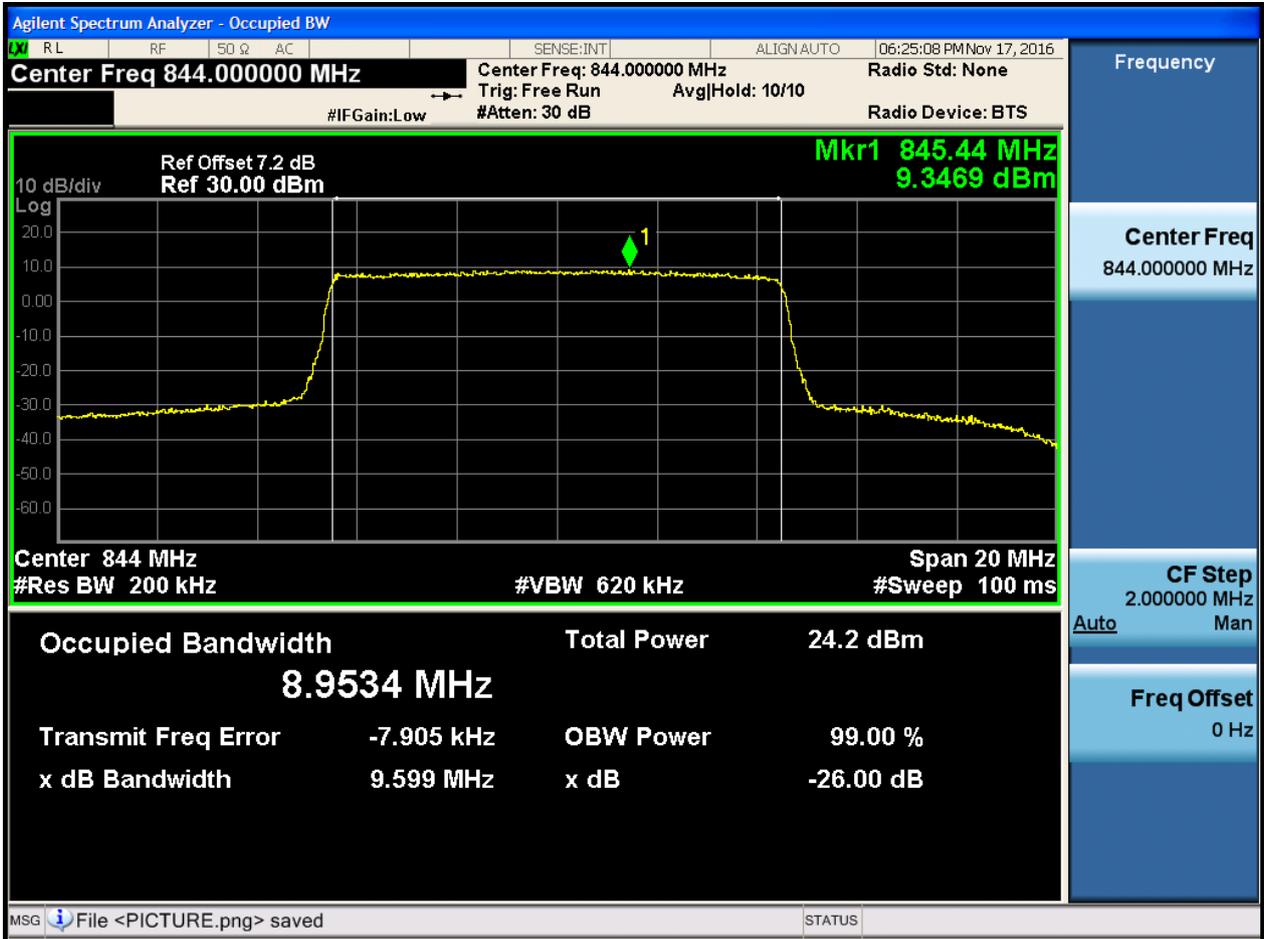
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



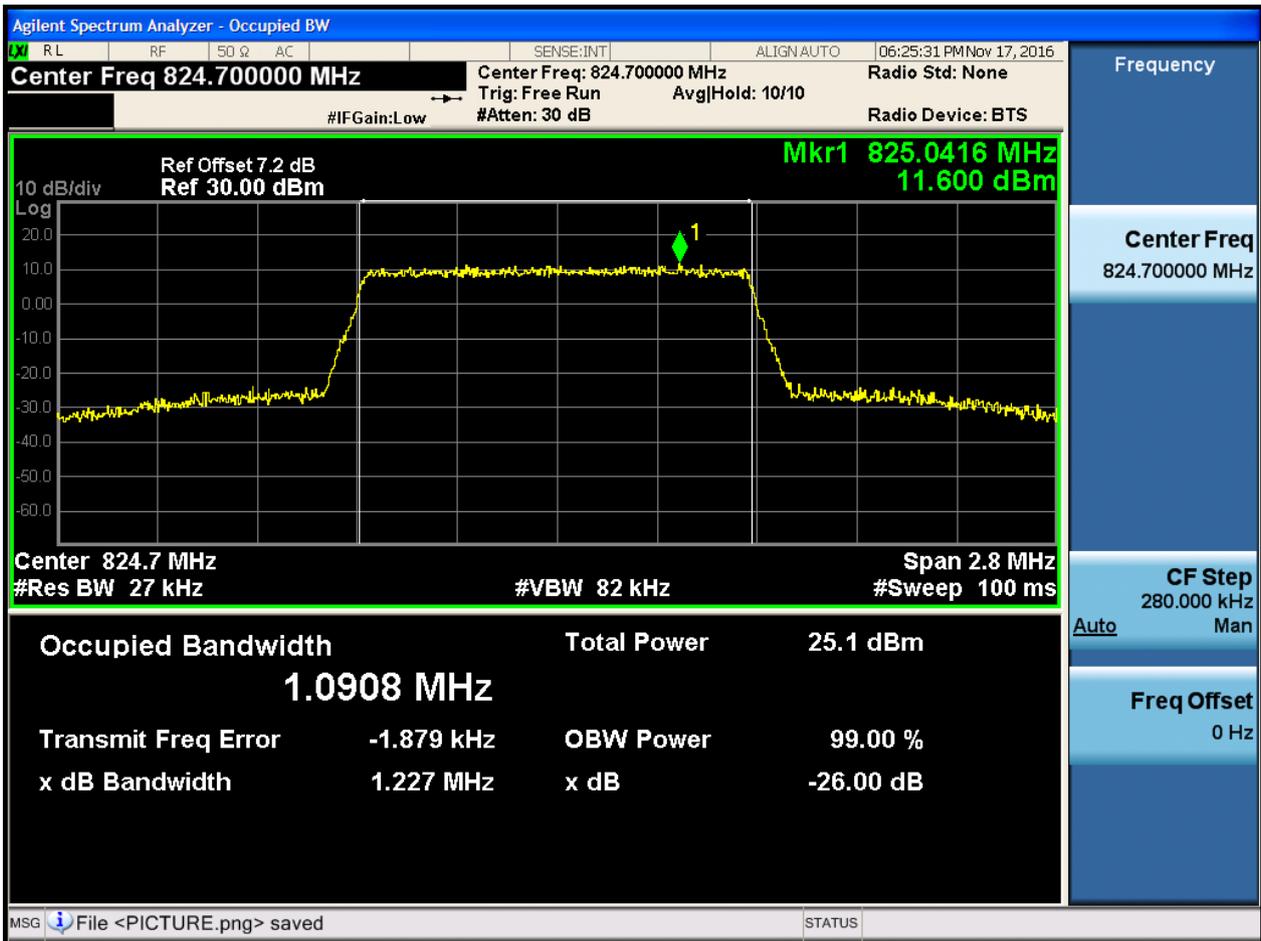


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

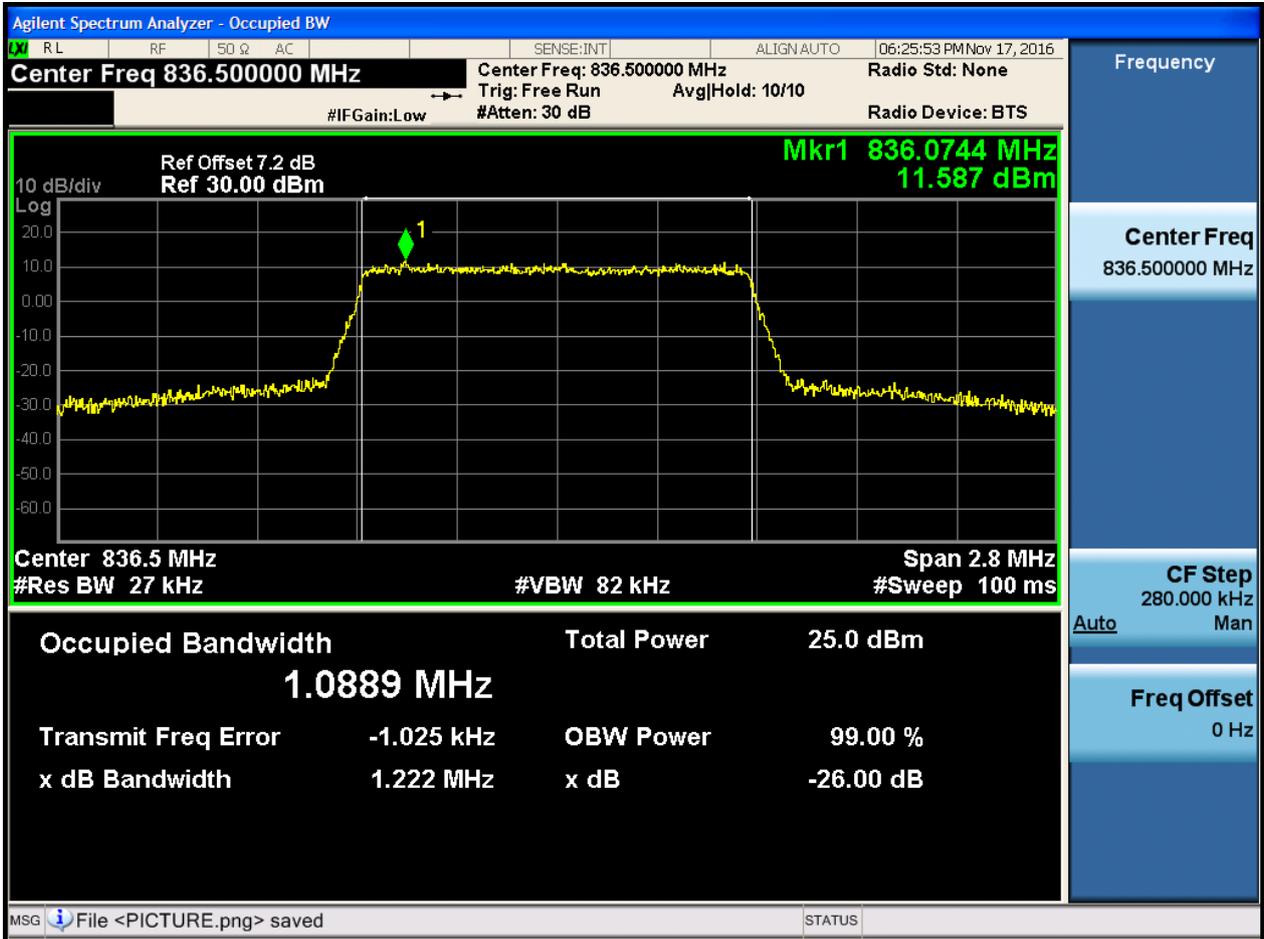
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

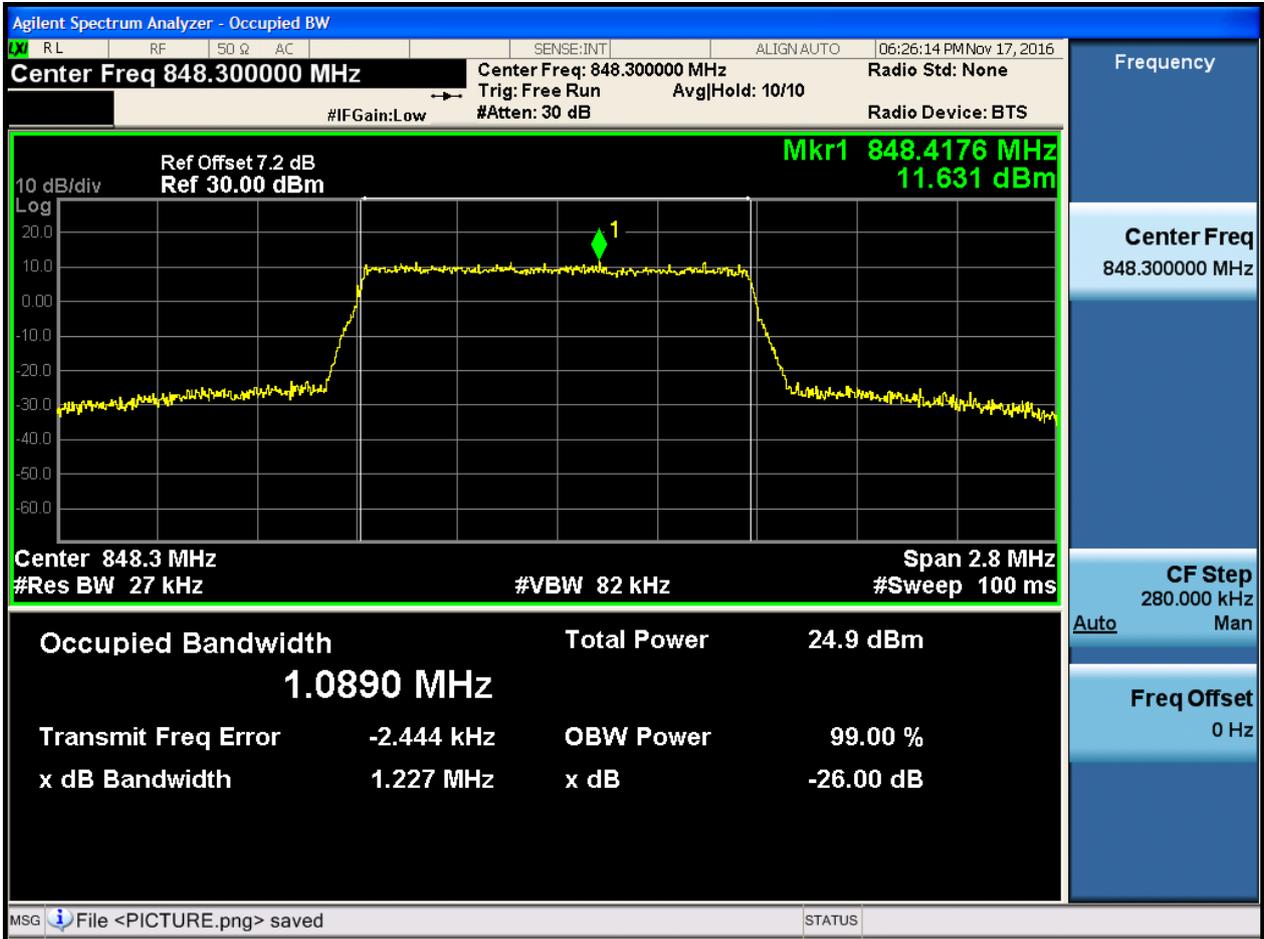
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

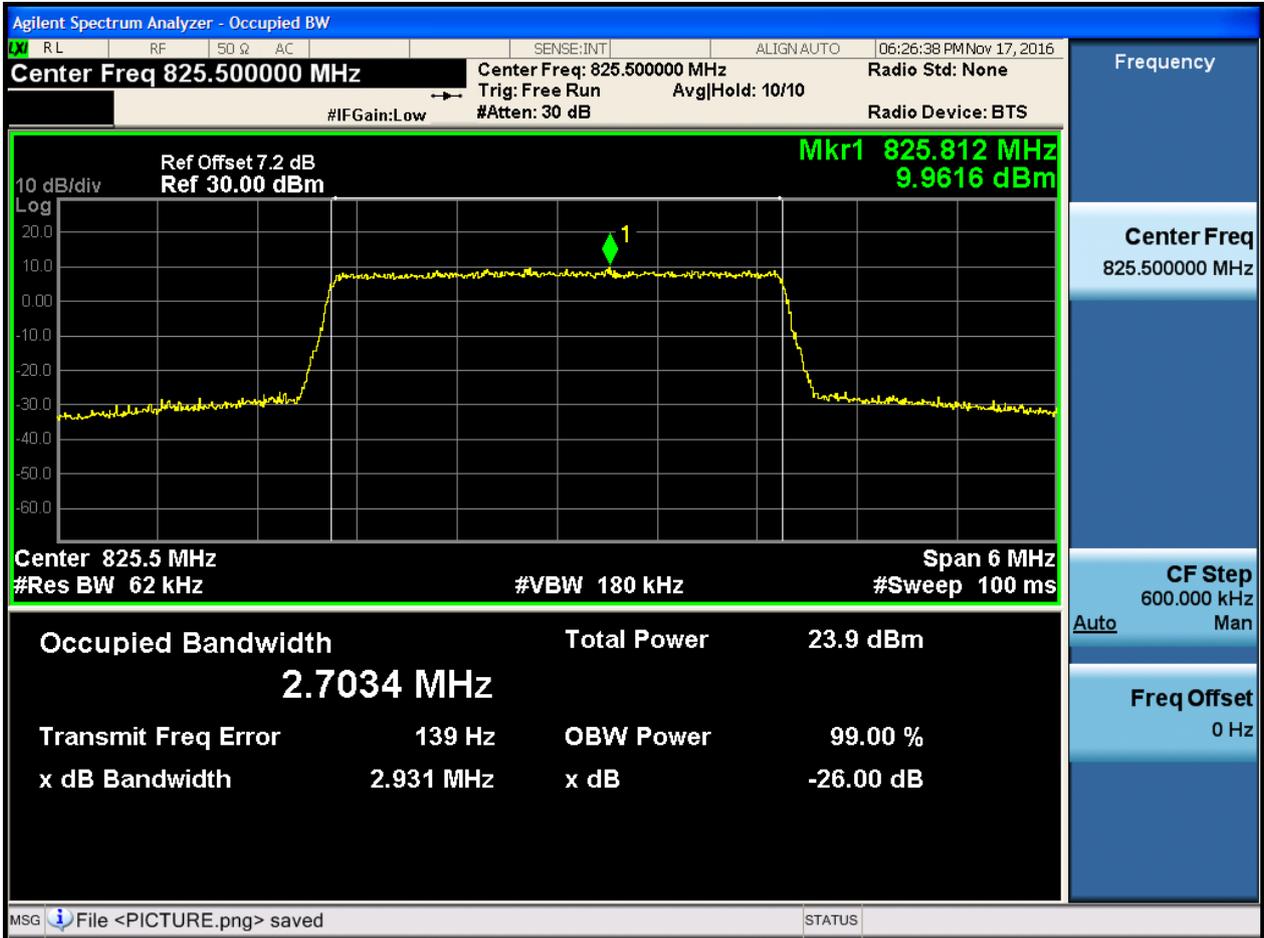




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

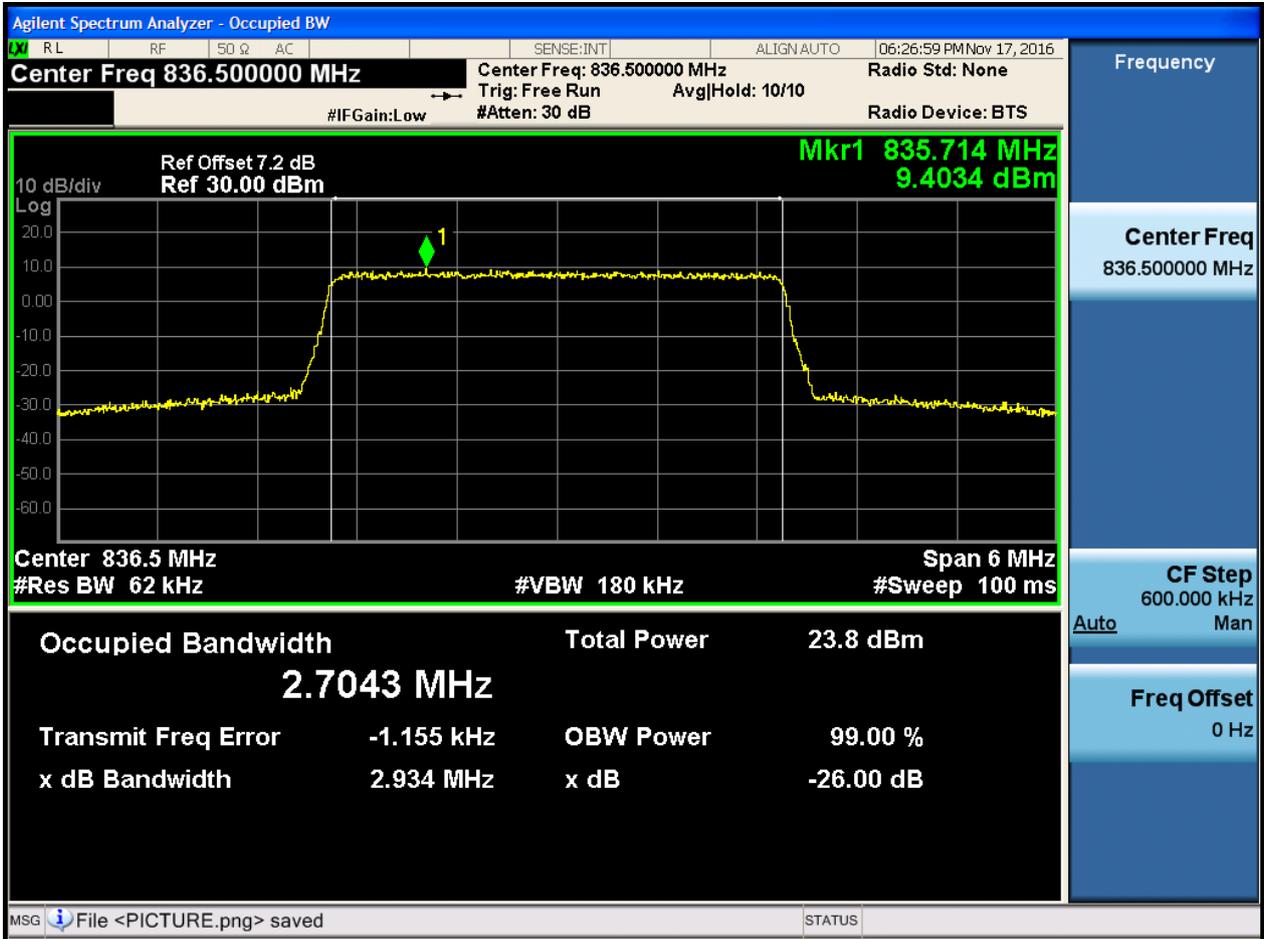
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

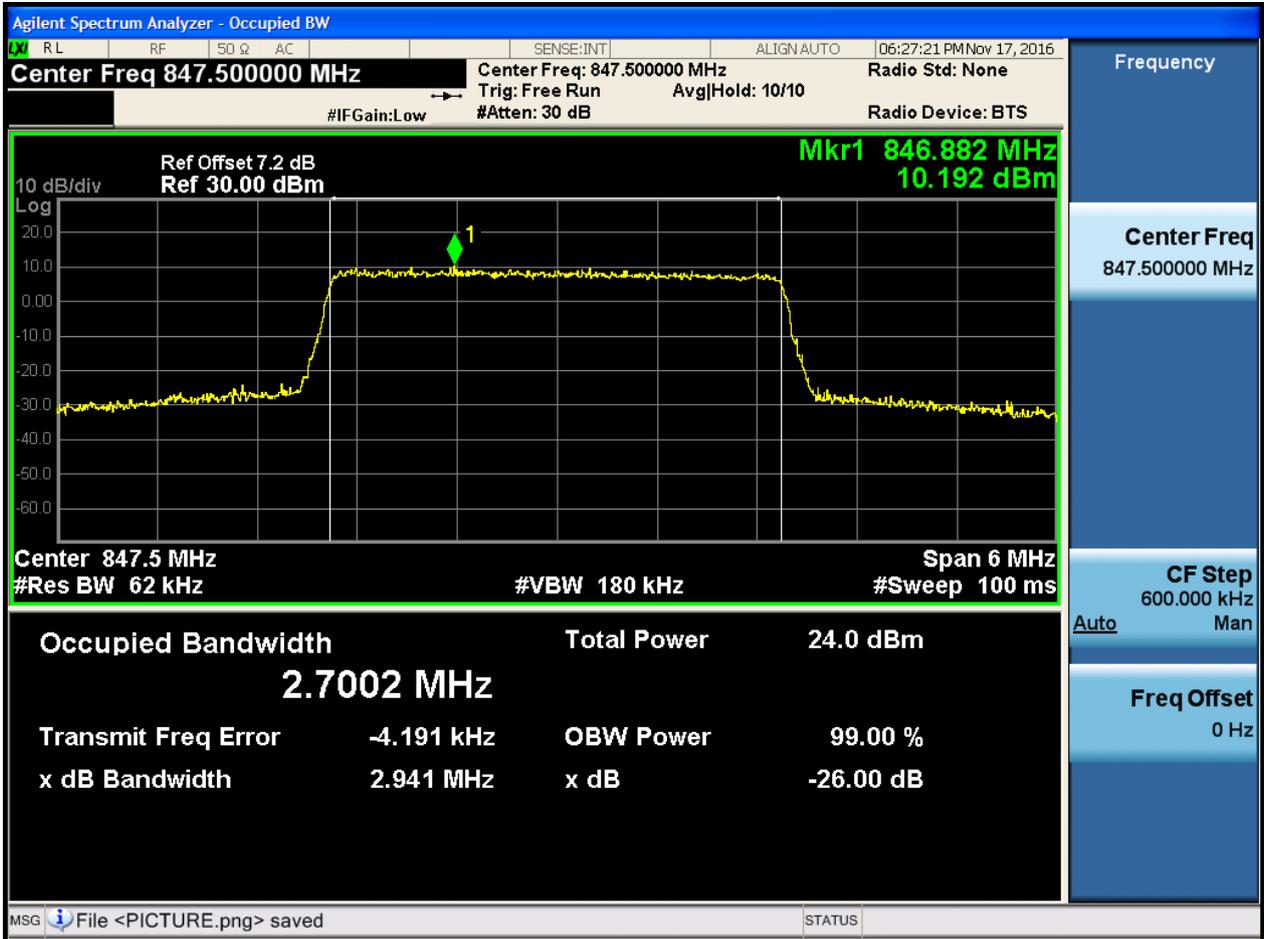
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

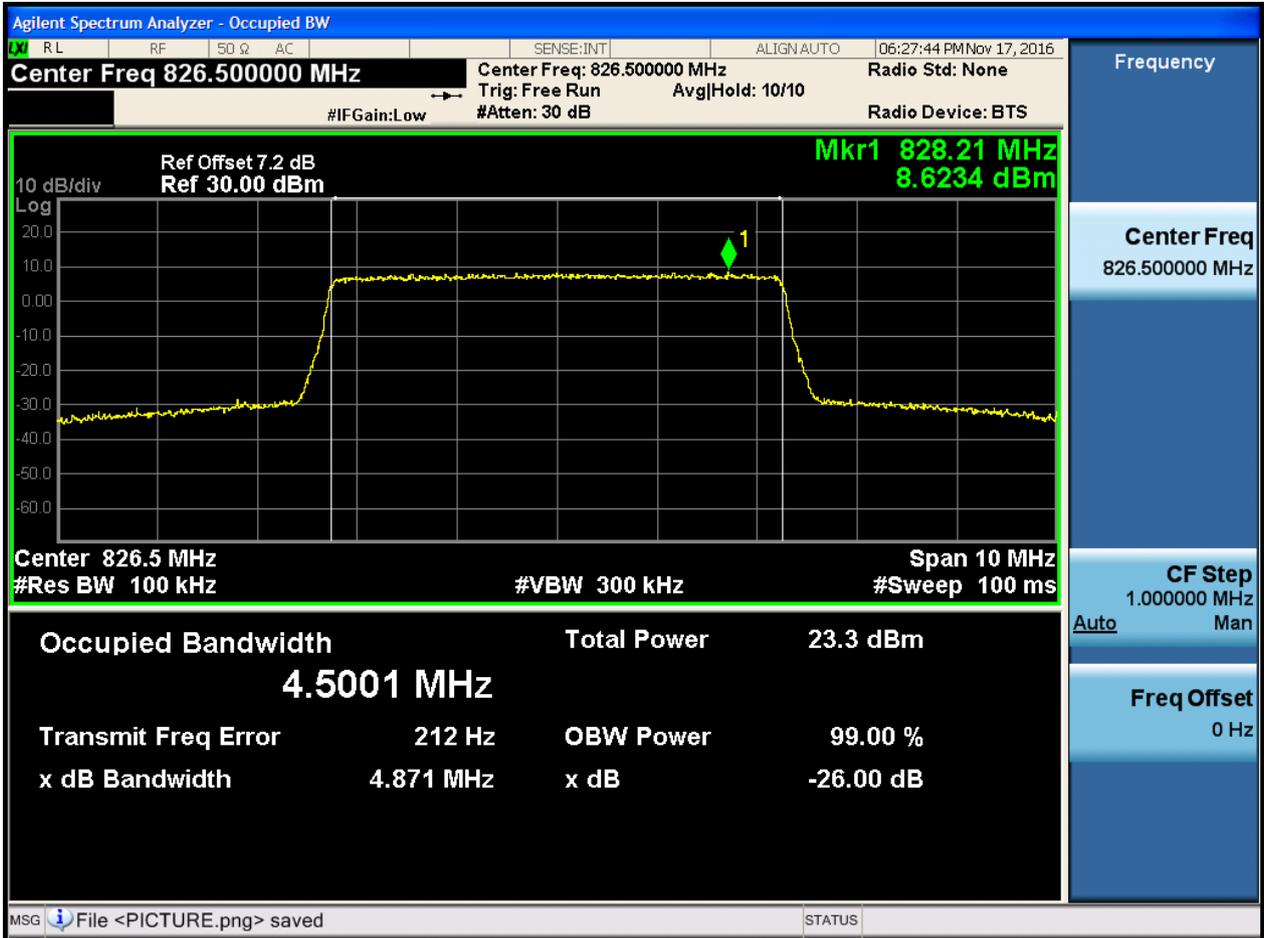




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

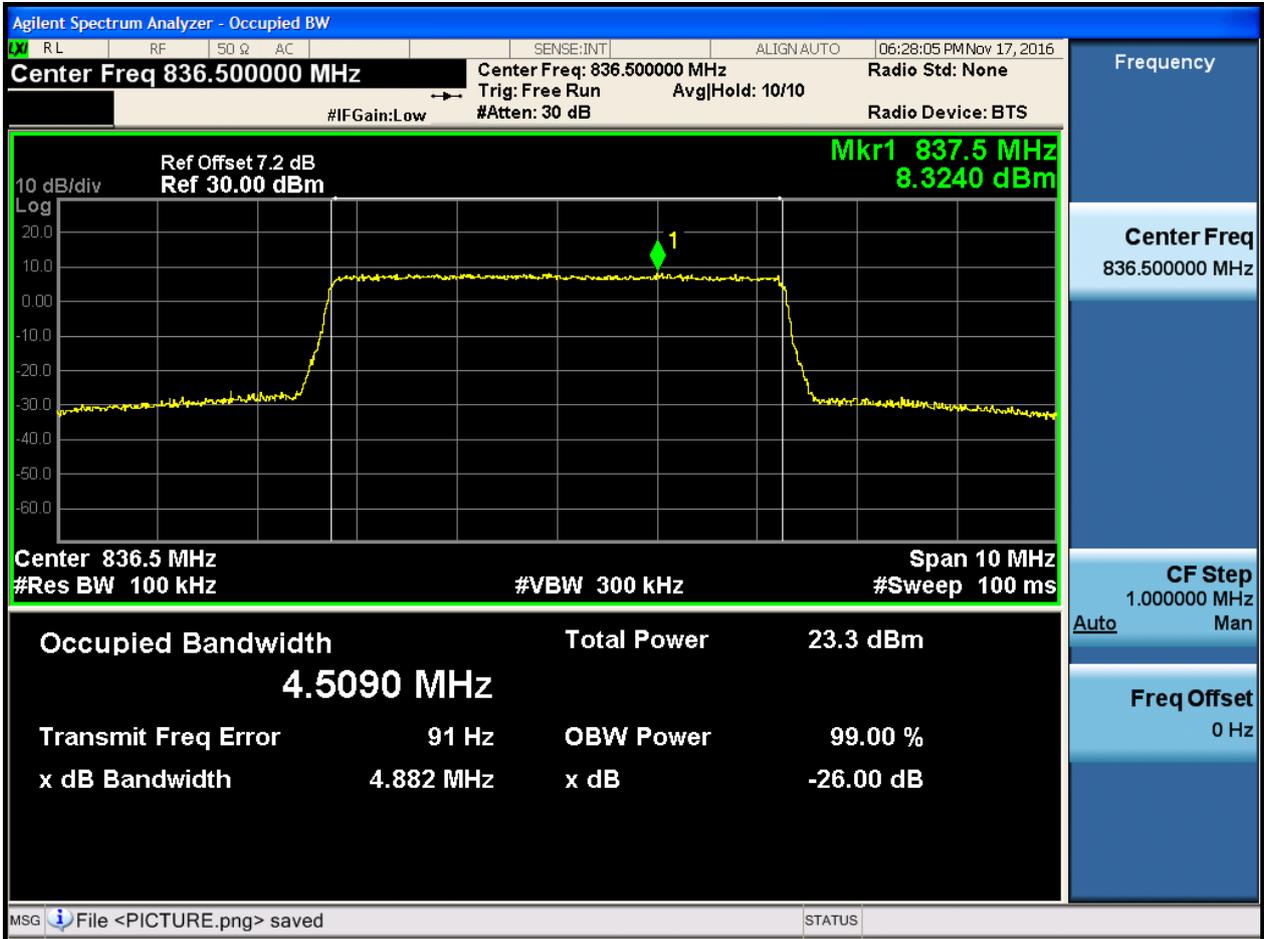
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

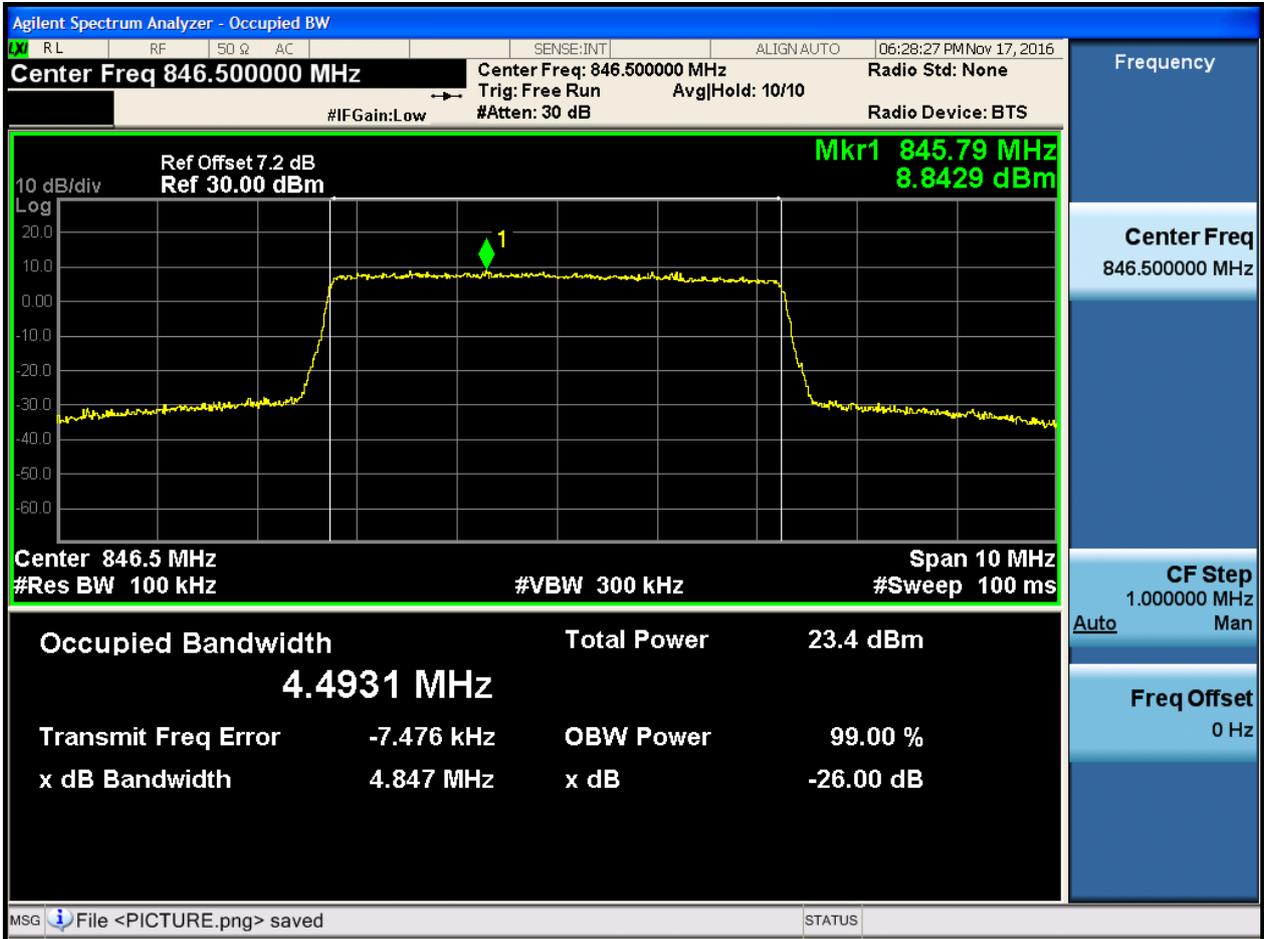
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

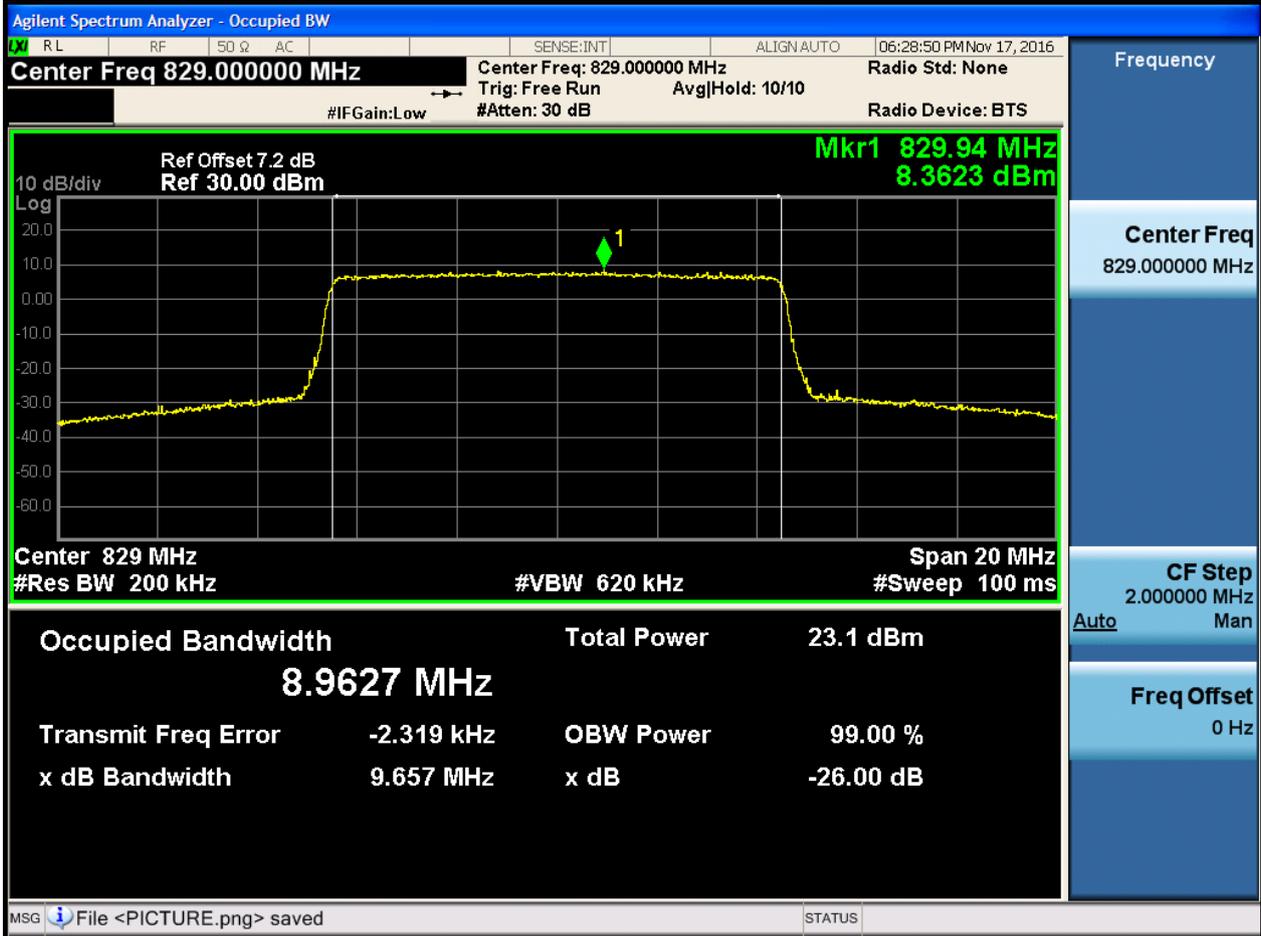




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

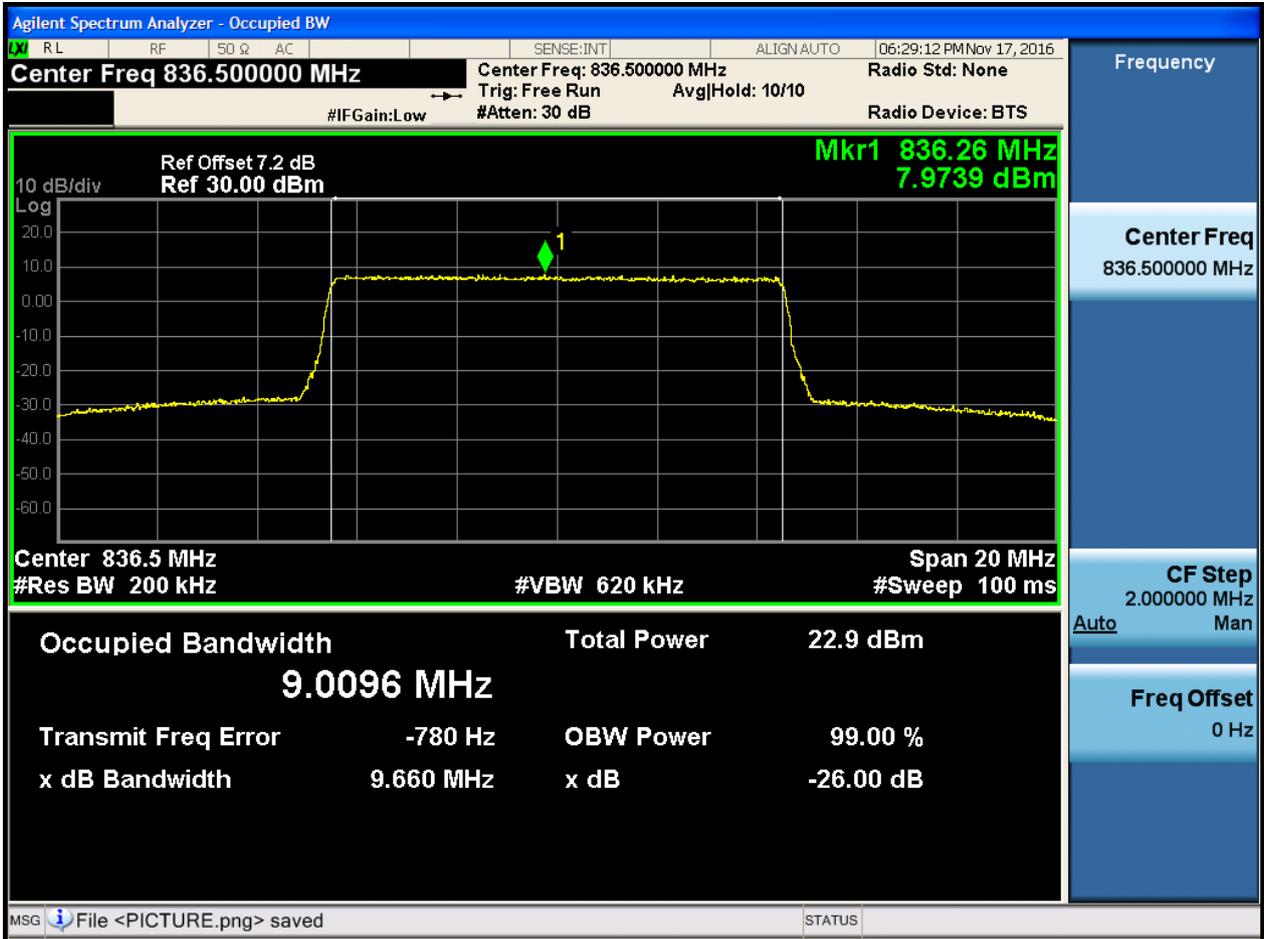
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

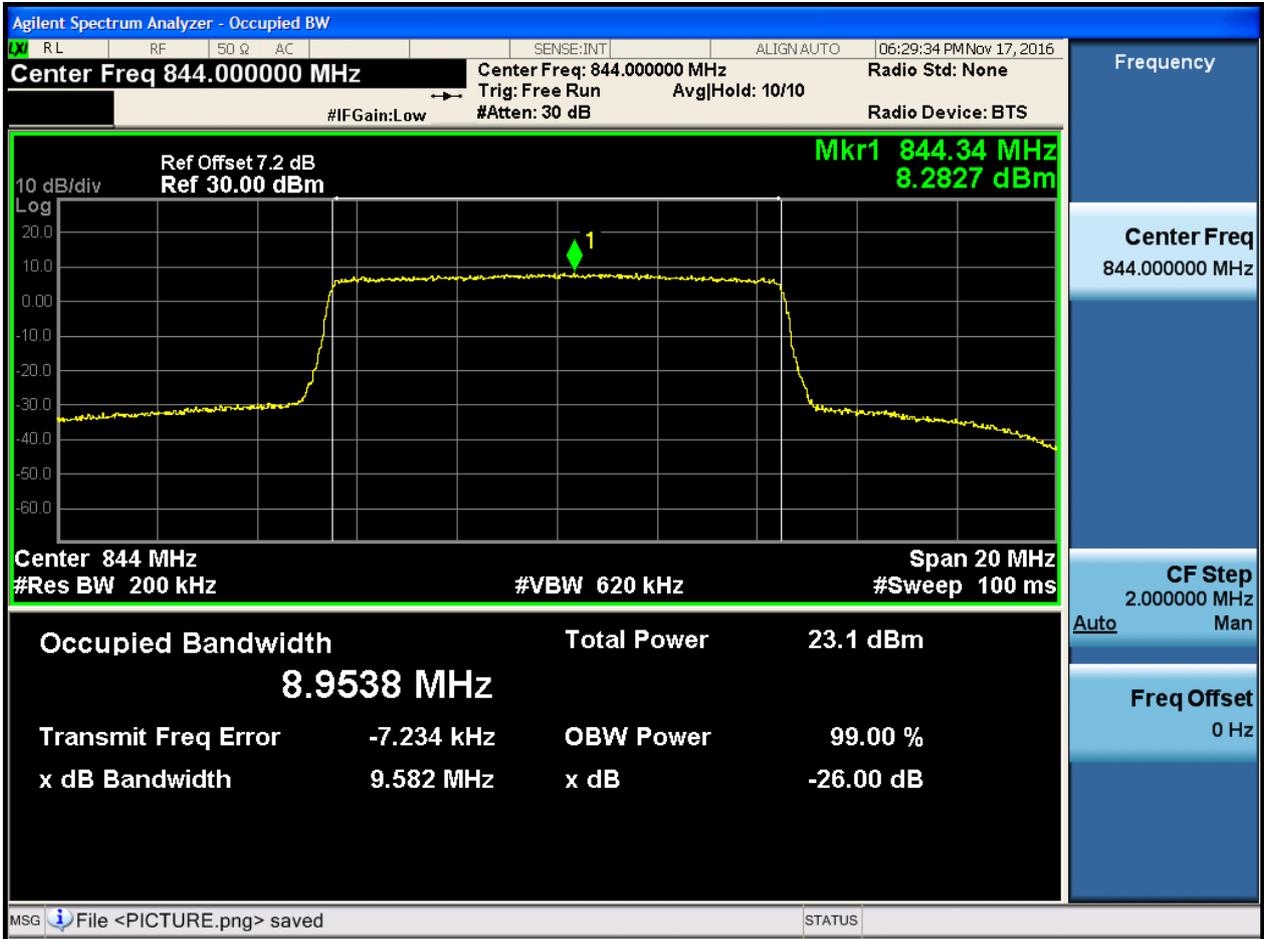
4.1.1.2.4.2.1 Test RB = RB50#0





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

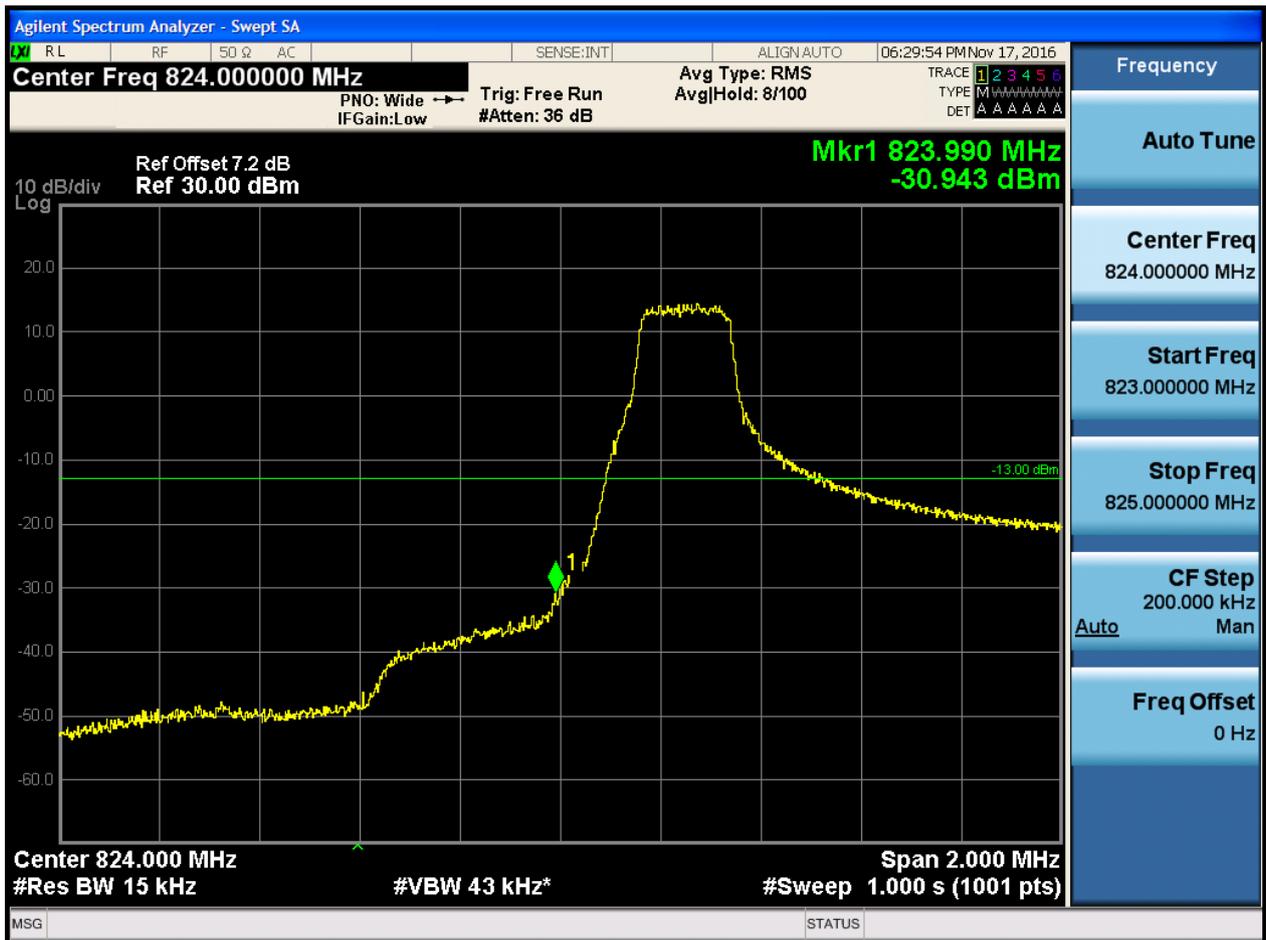
#### 5.1.1 Test Band = BAND5

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

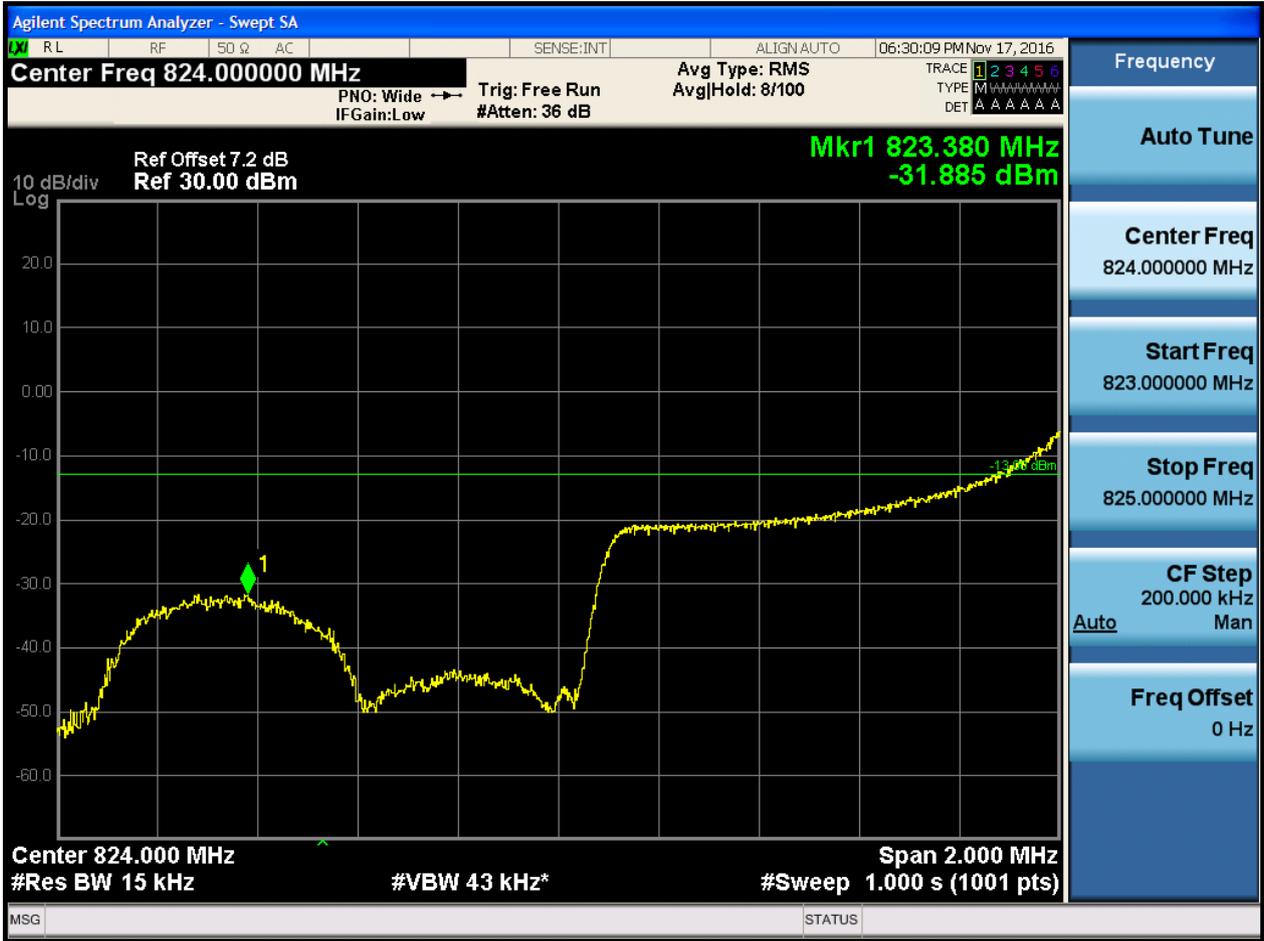
##### 5.1.1.1.1.1 Test Channel = LCH

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



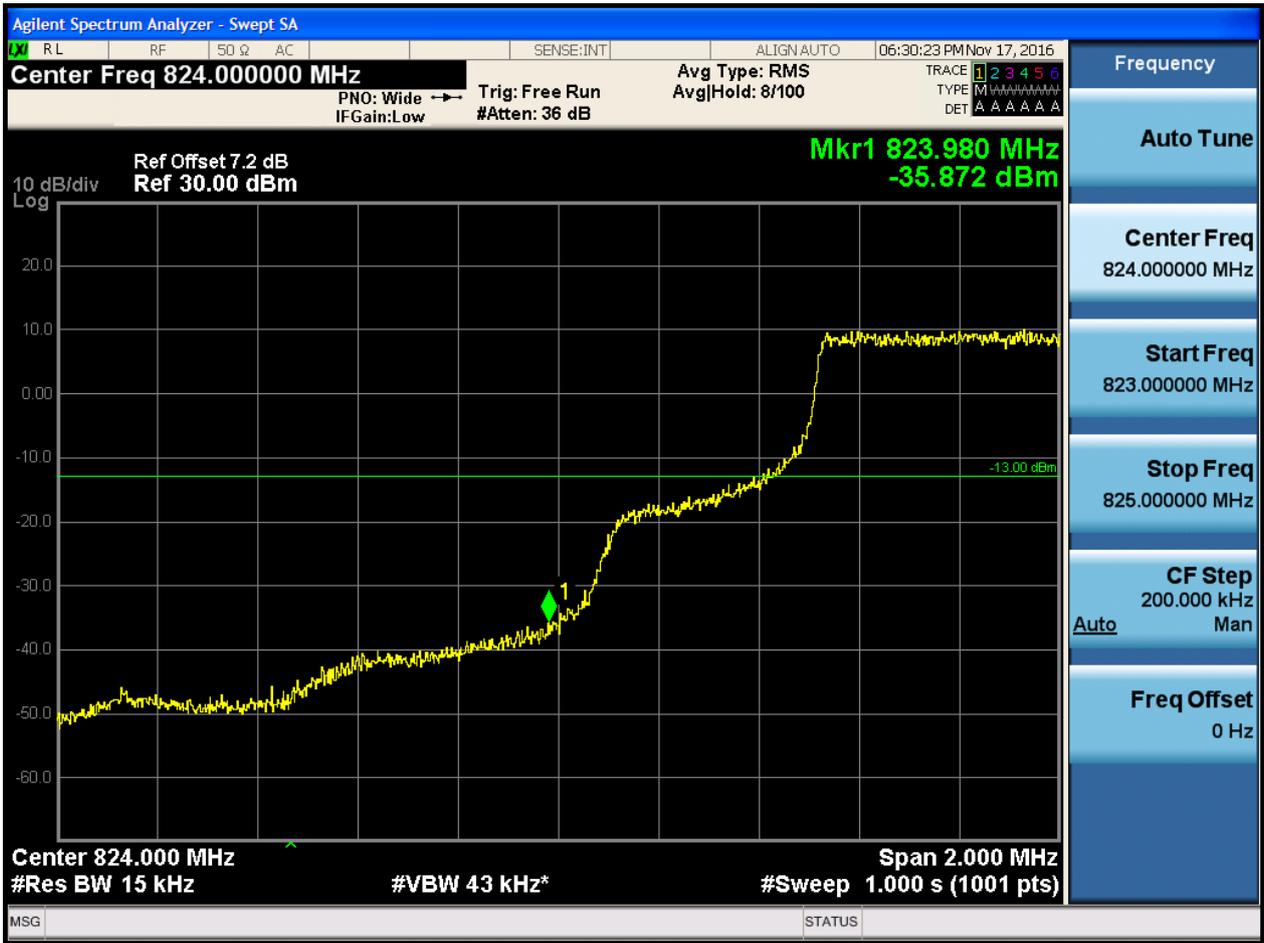


5.1.1.1.1.2 Test RB = RB1#5



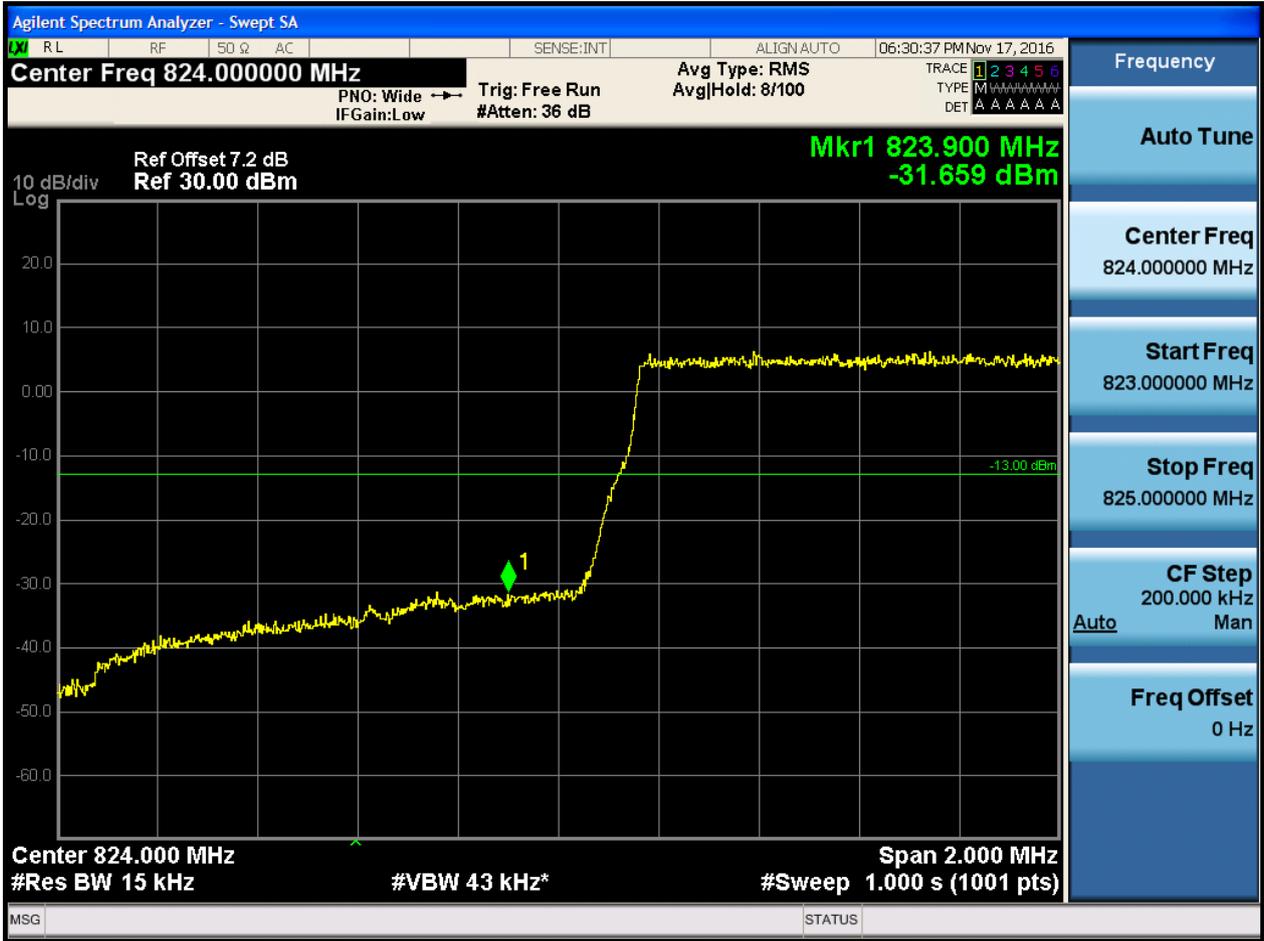


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





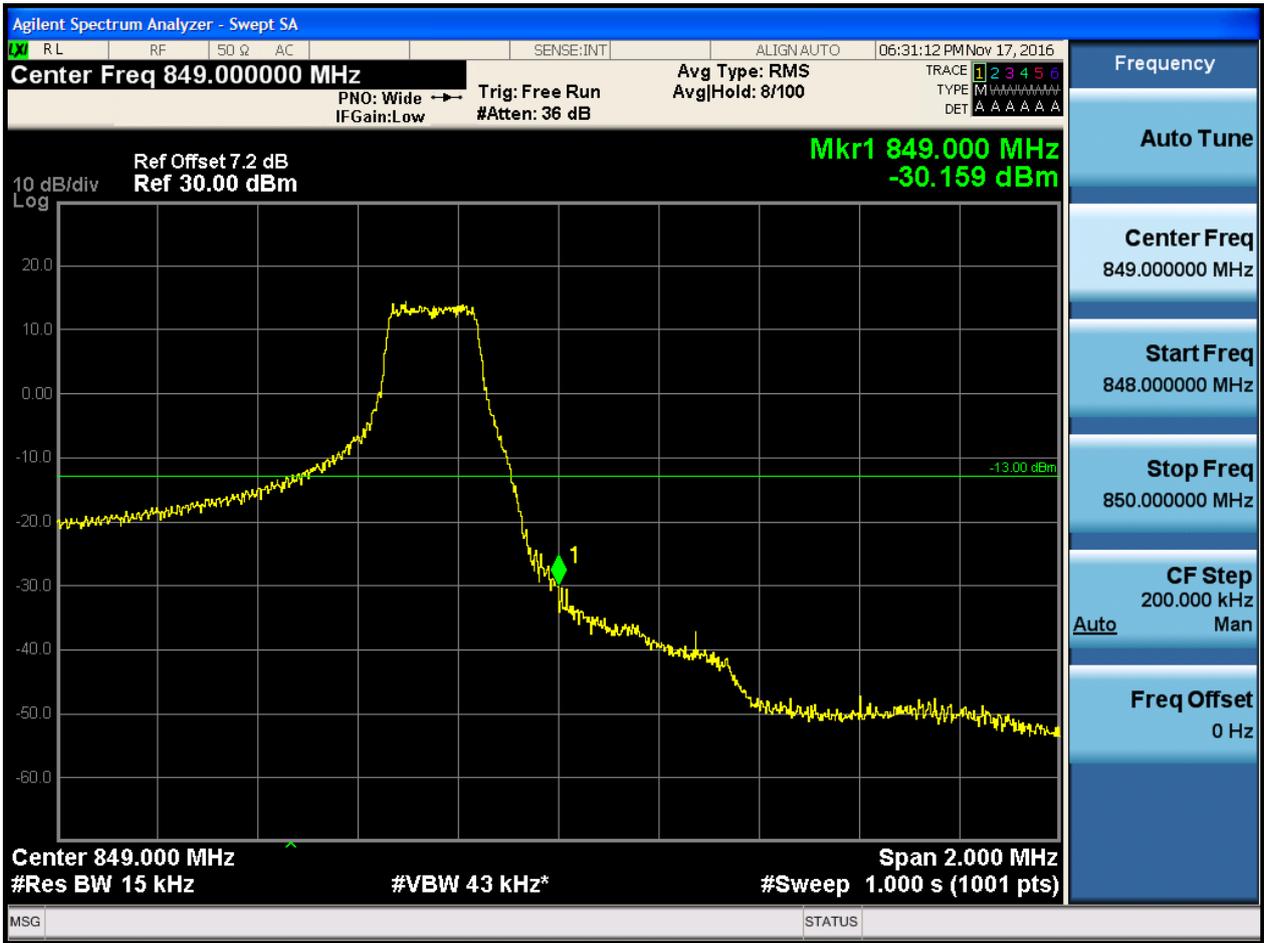
5.1.1.1.1.2 Test Channel = HCH

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

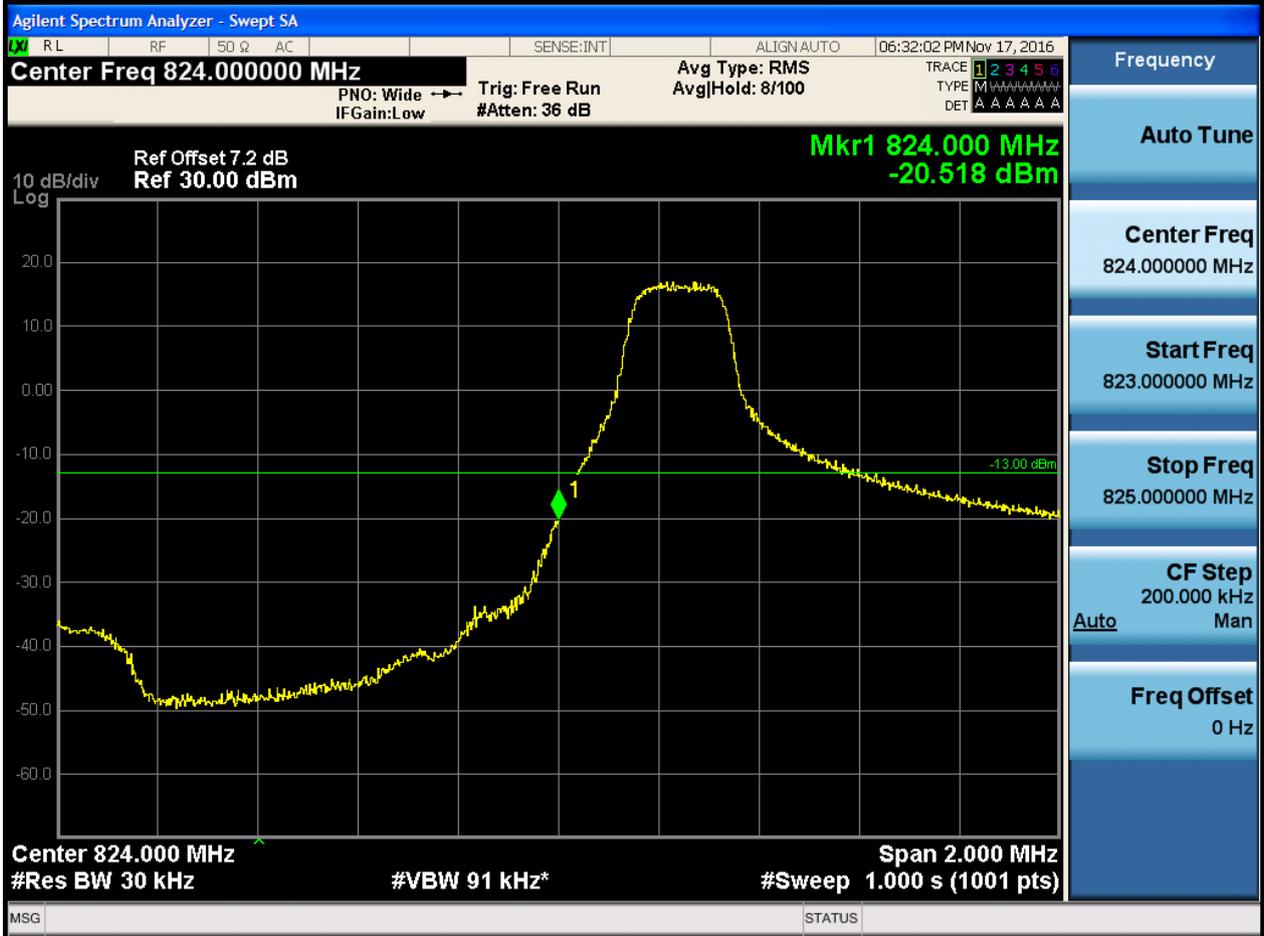




5.1.1.1.2 Test Bandwidth = 3

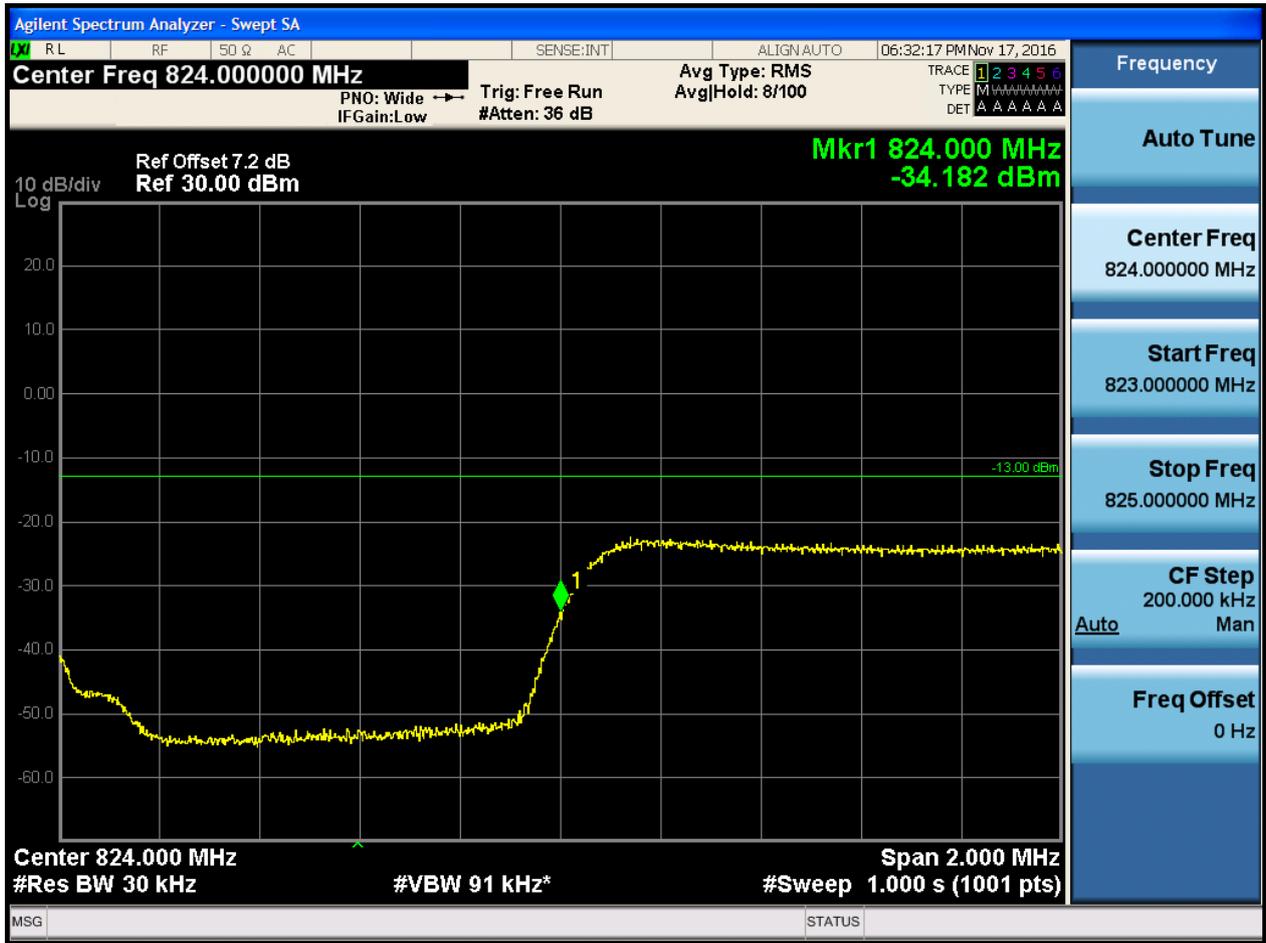
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



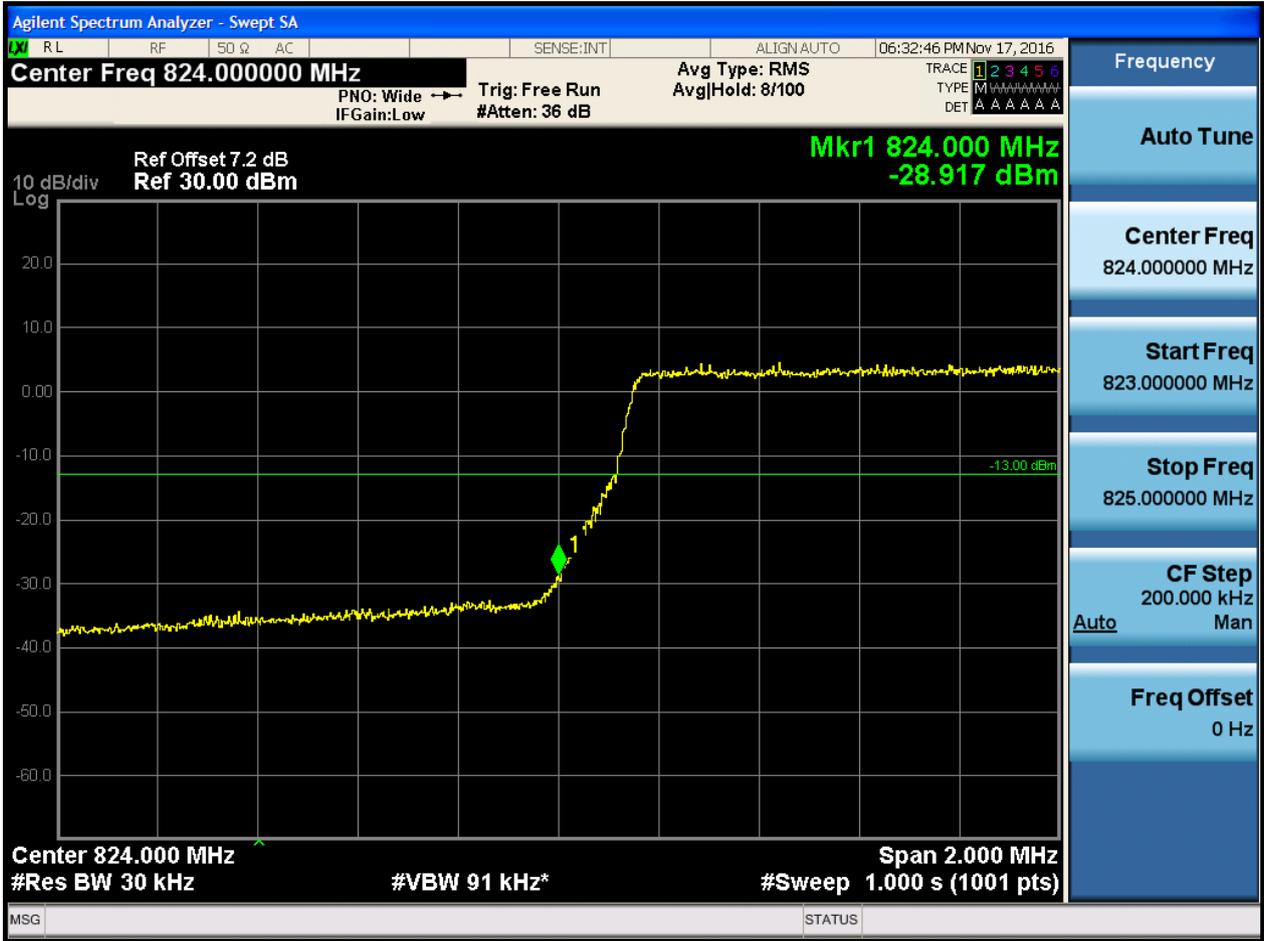


5.1.1.1.2.1.3 Test RB = RB8#4





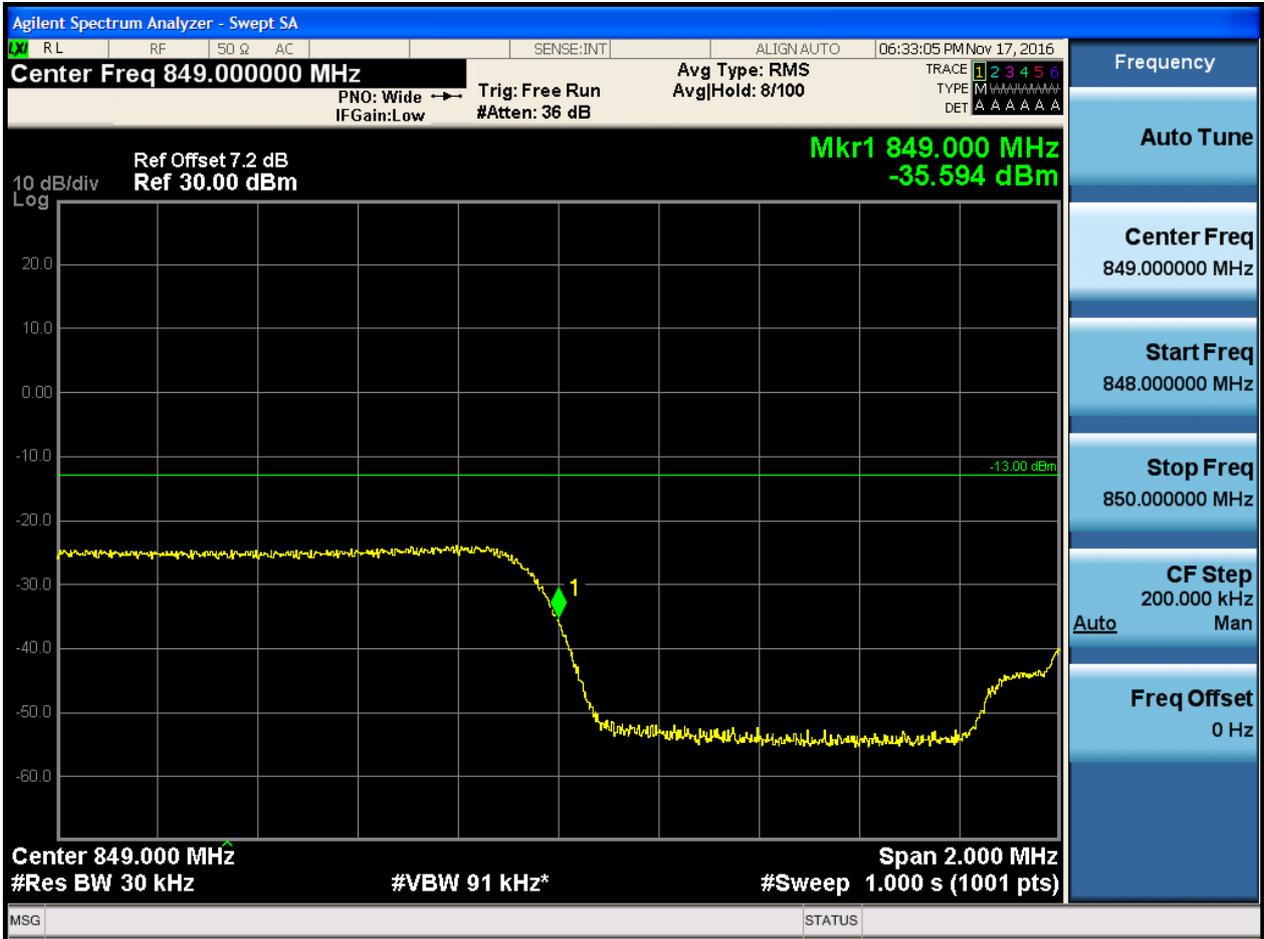
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0







5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

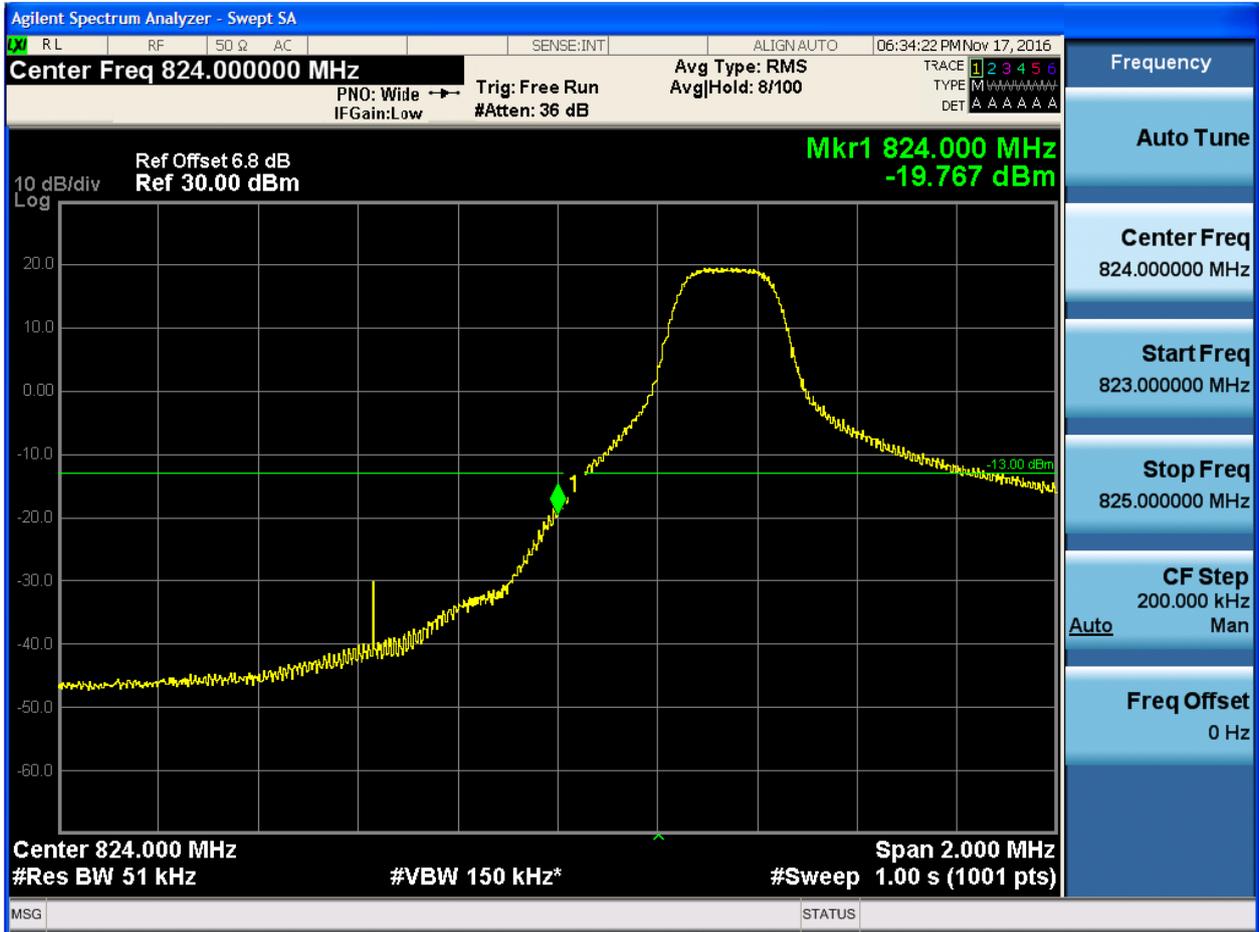




5.1.1.1.3 Test Bandwidth = 5

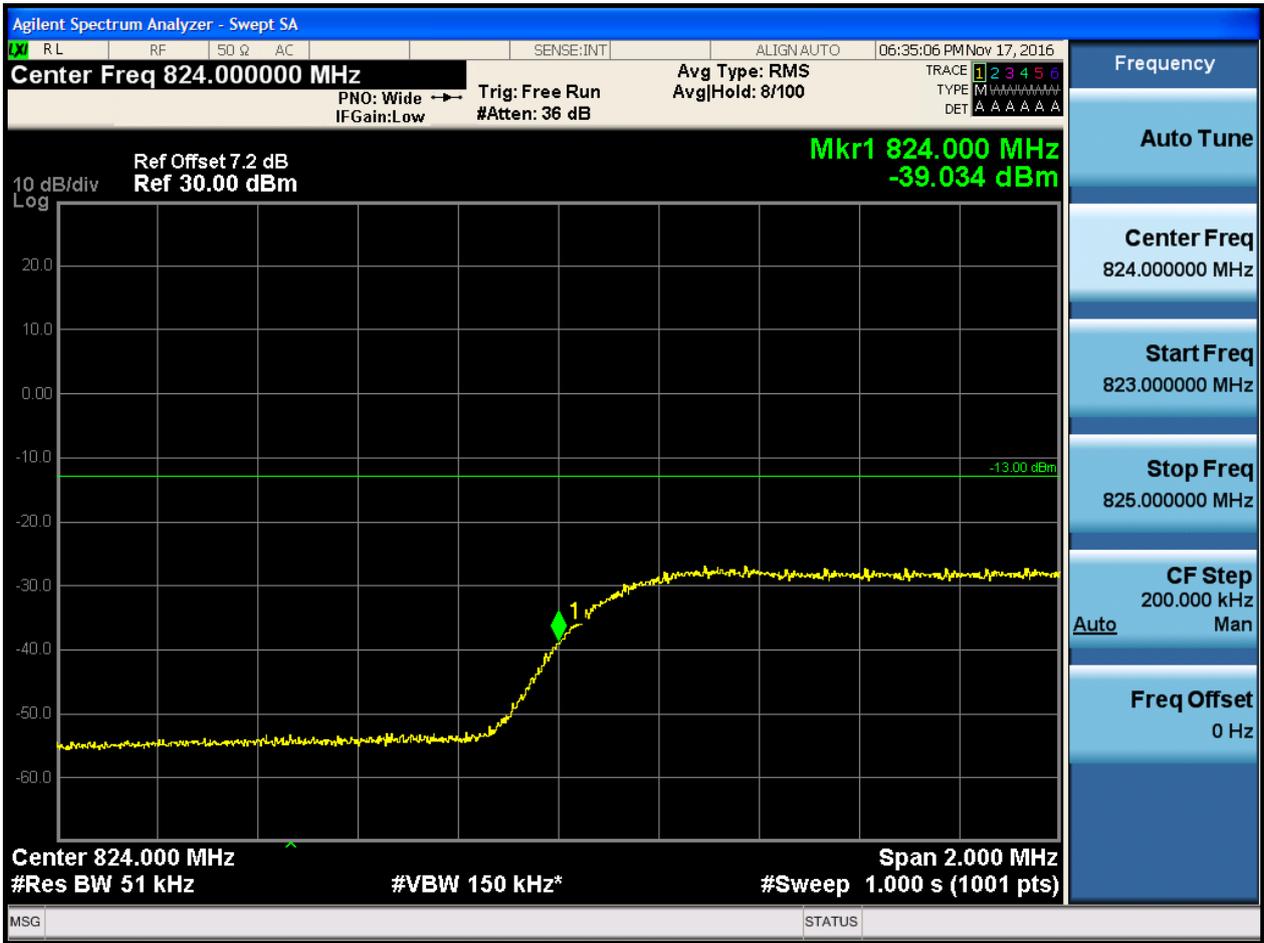
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



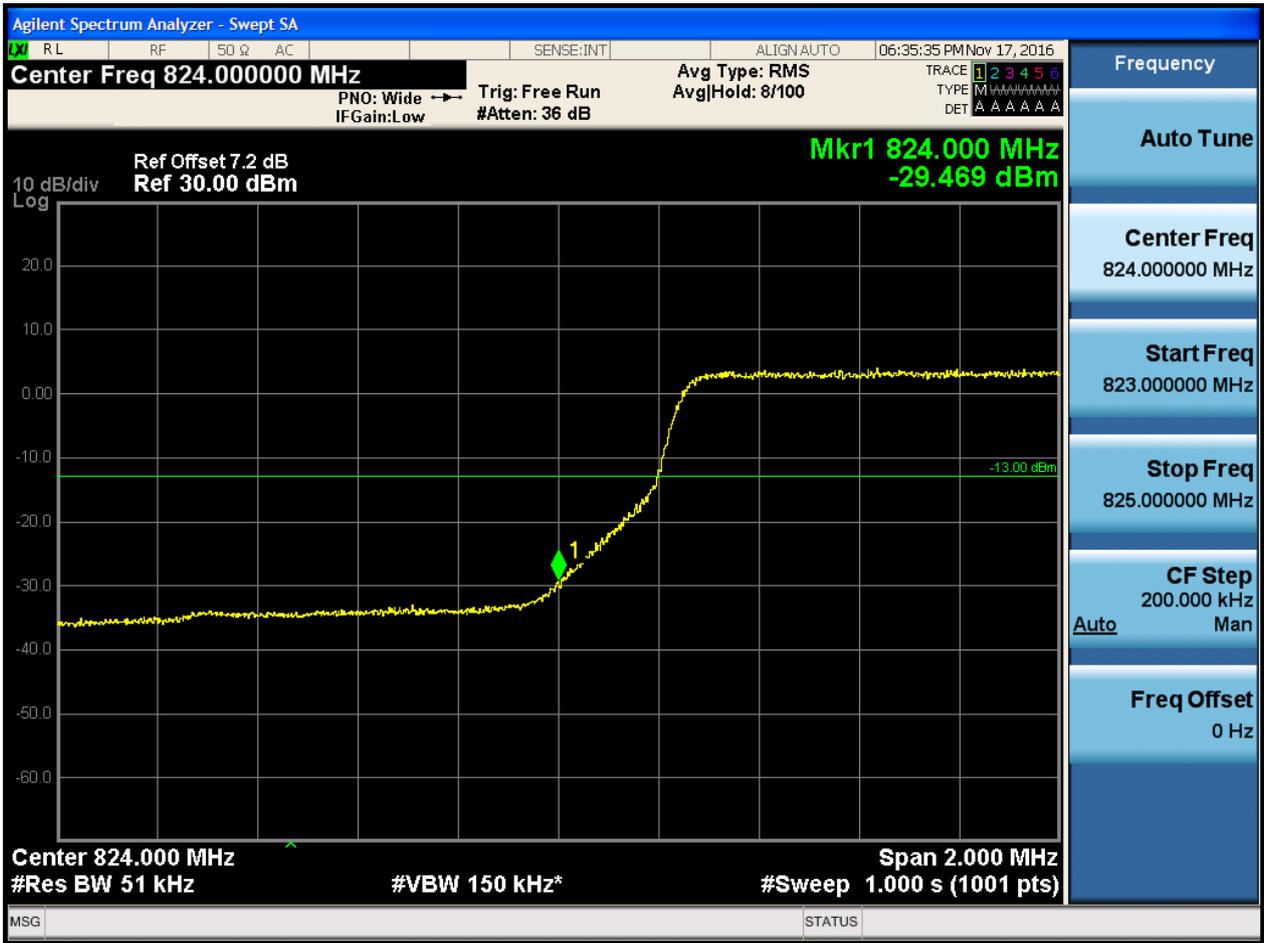


5.1.1.1.3.1.3 Test RB = RB12#6





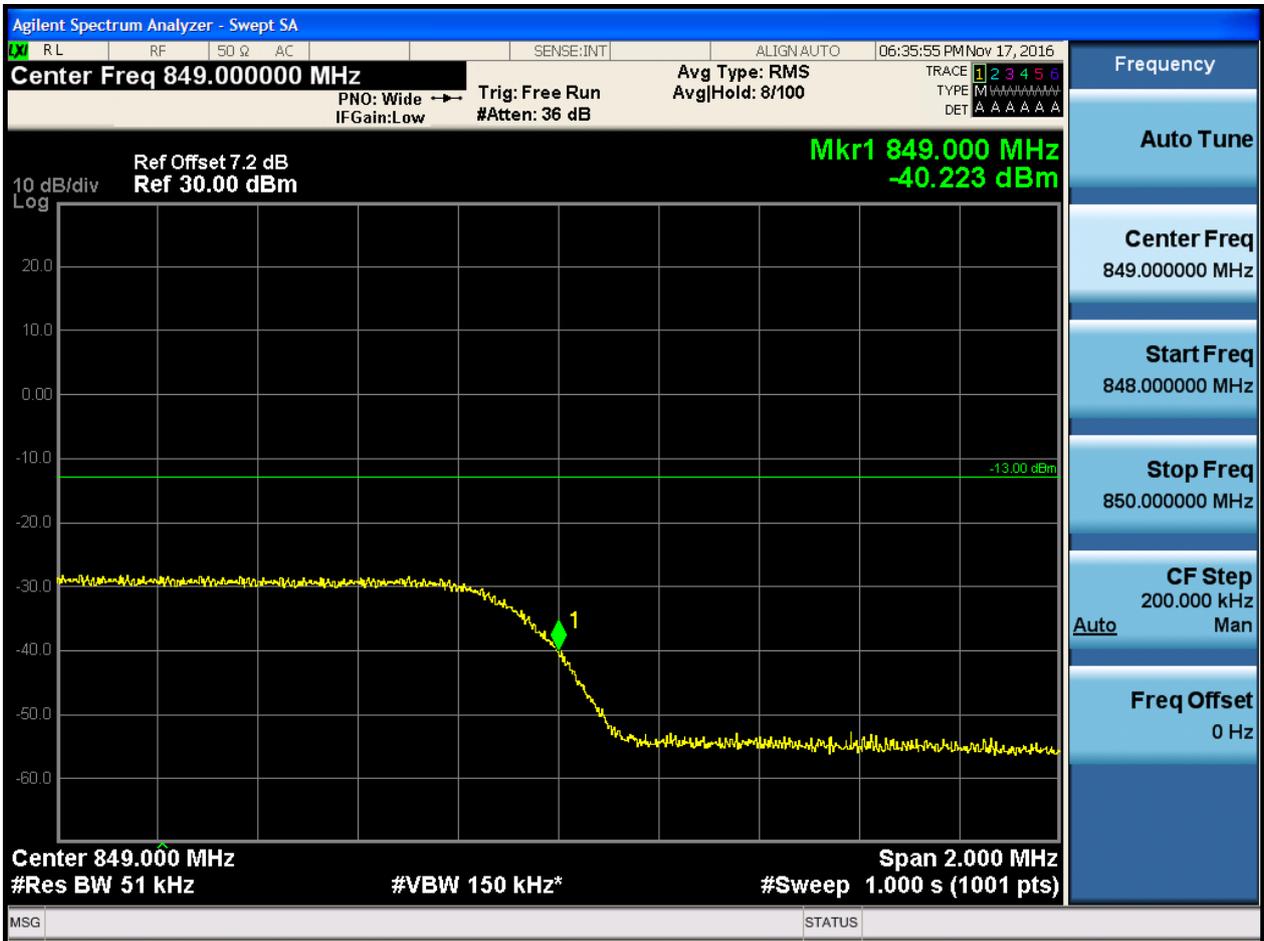
5.1.1.1.3.1.4 Test RB = RB25#0





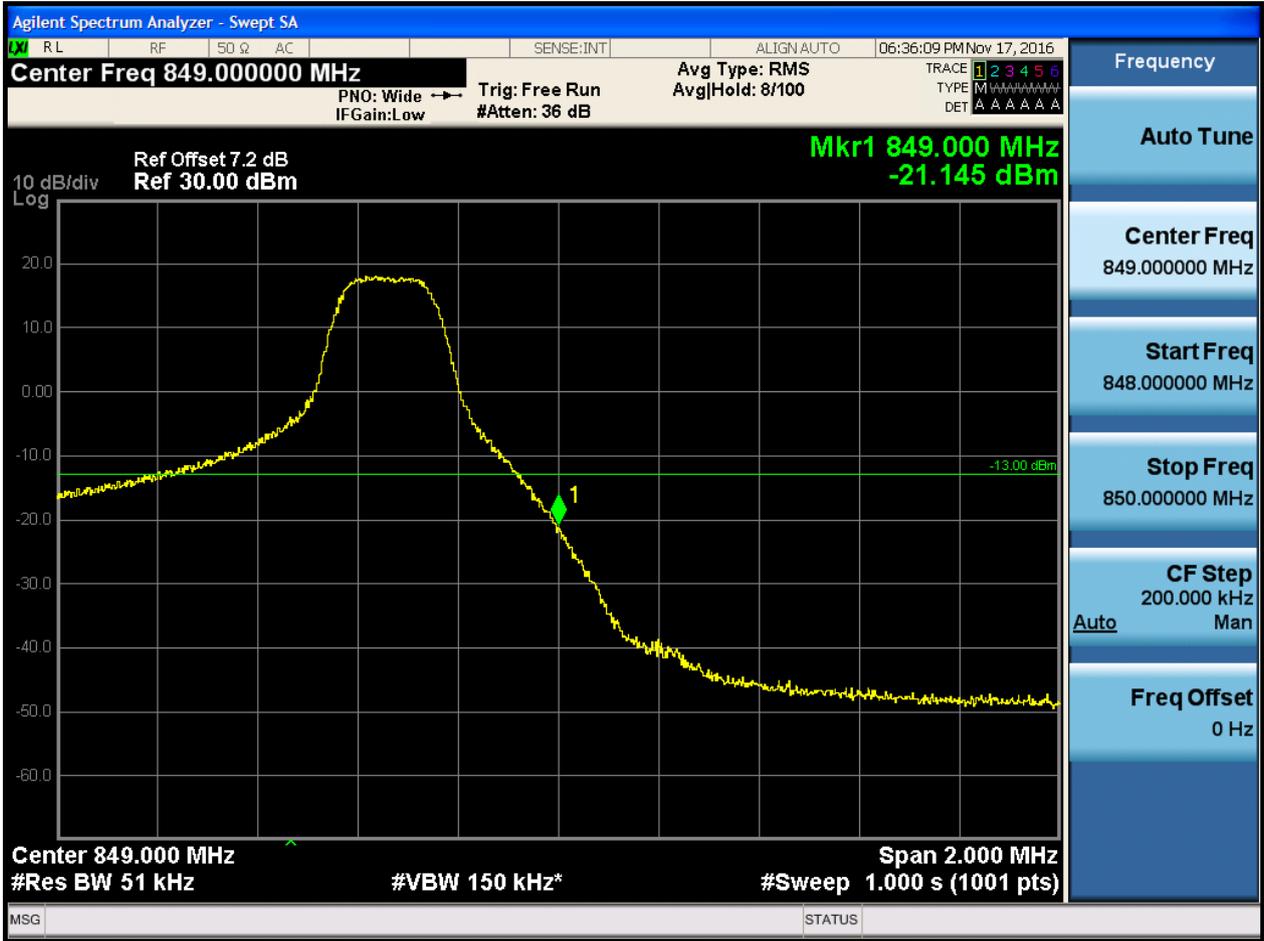
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24



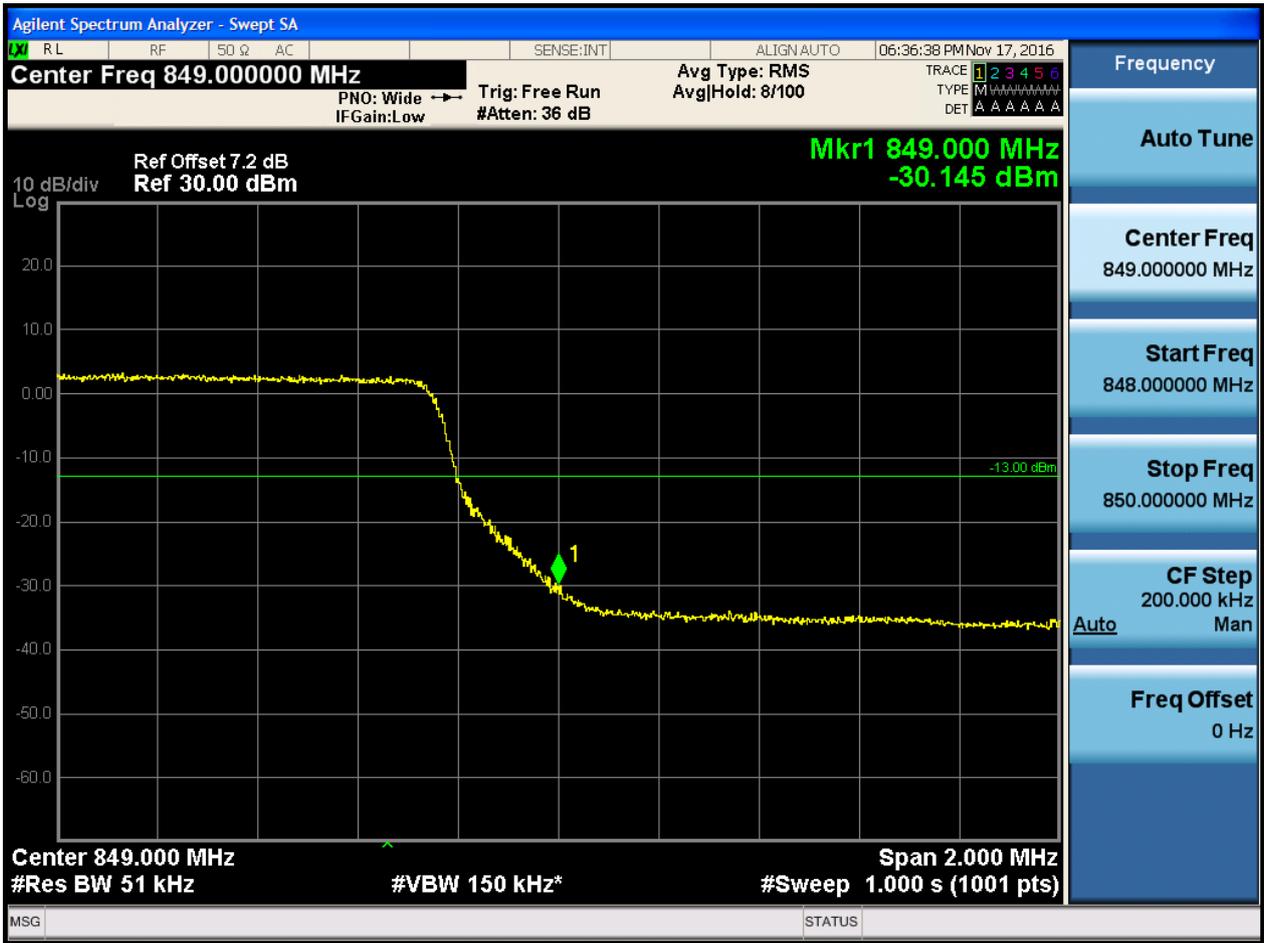


5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

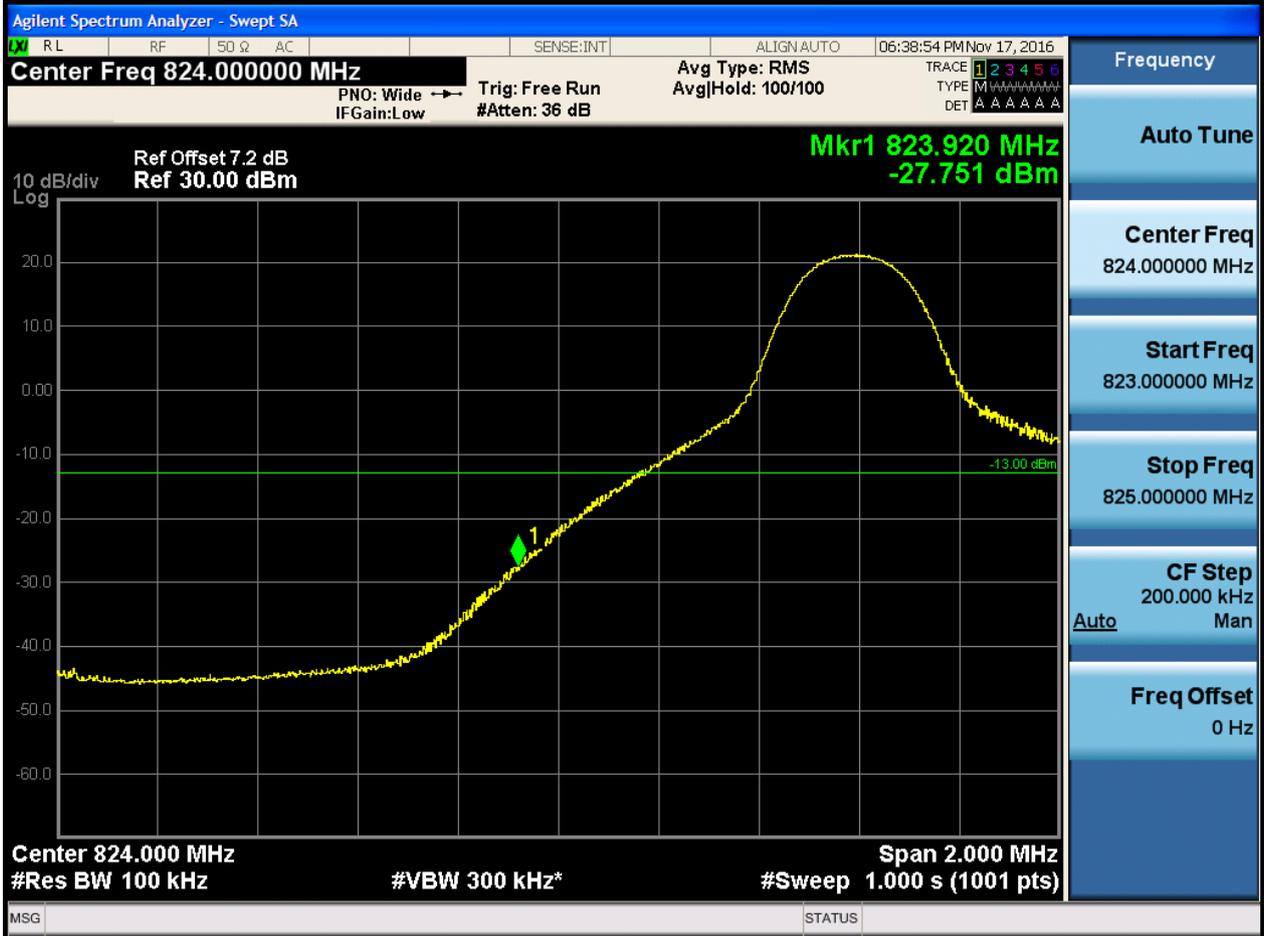




5.1.1.1.4 Test Bandwidth = 10

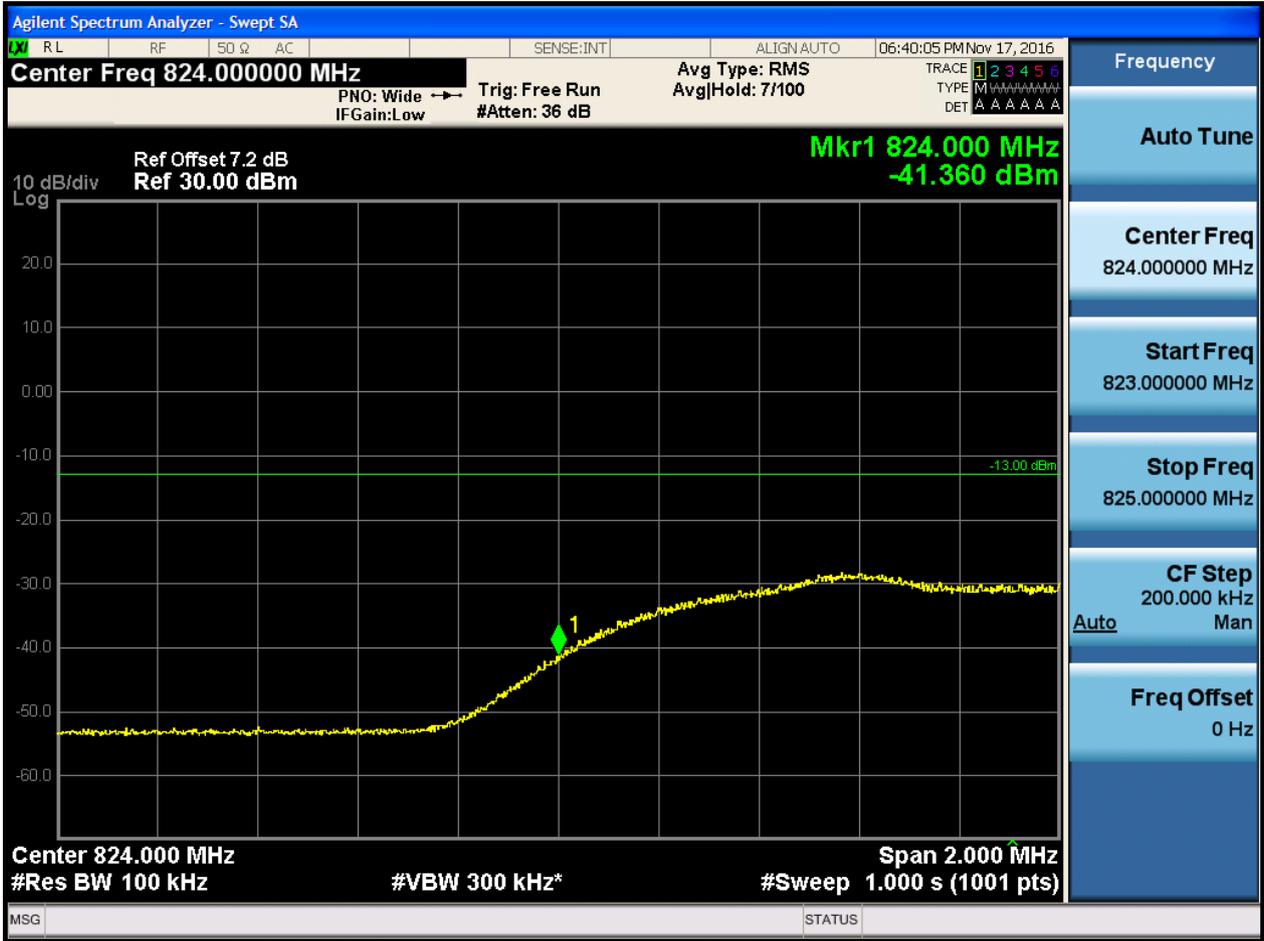
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



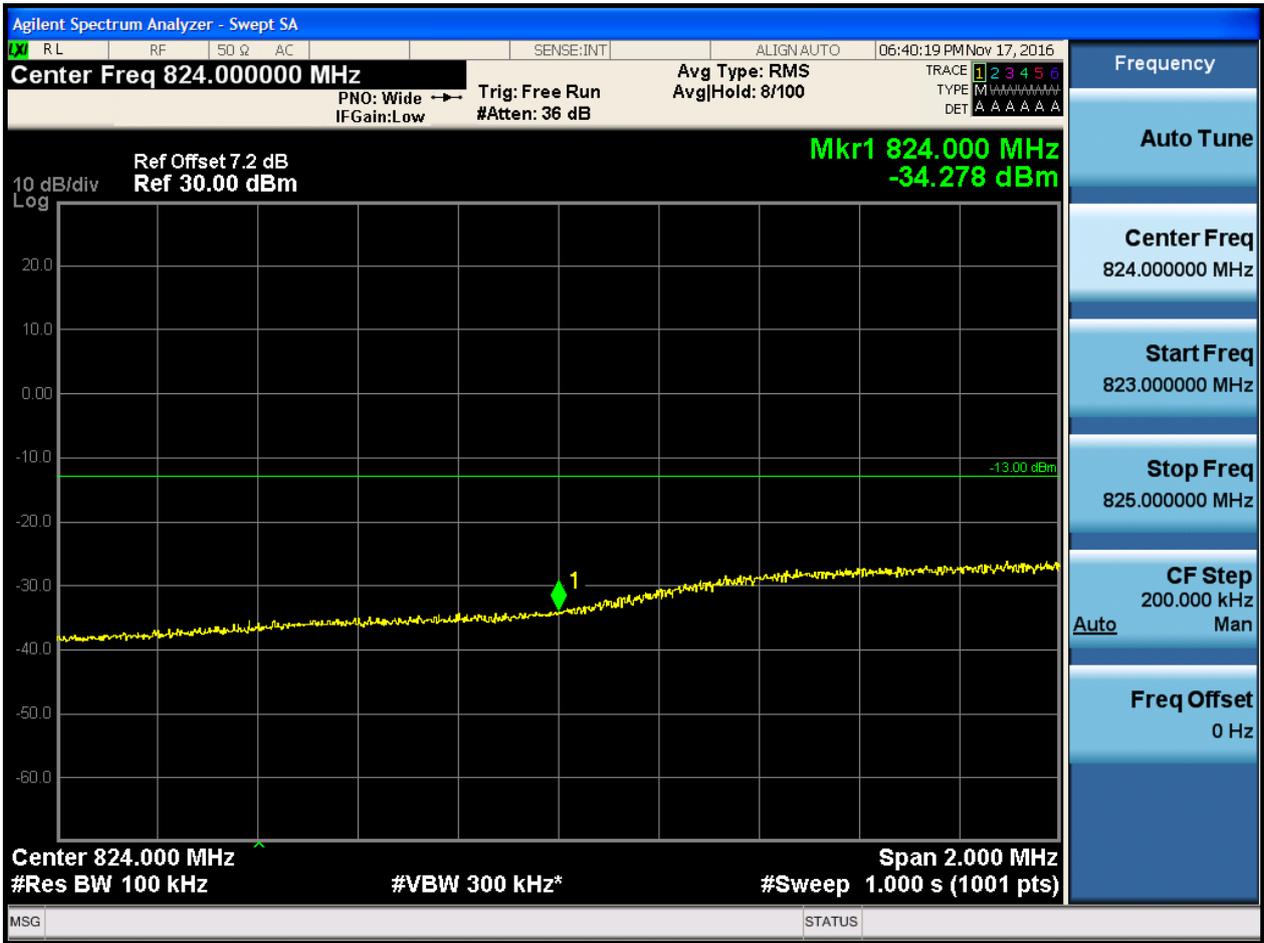


5.1.1.1.4.1.2 Test RB = RB1#49



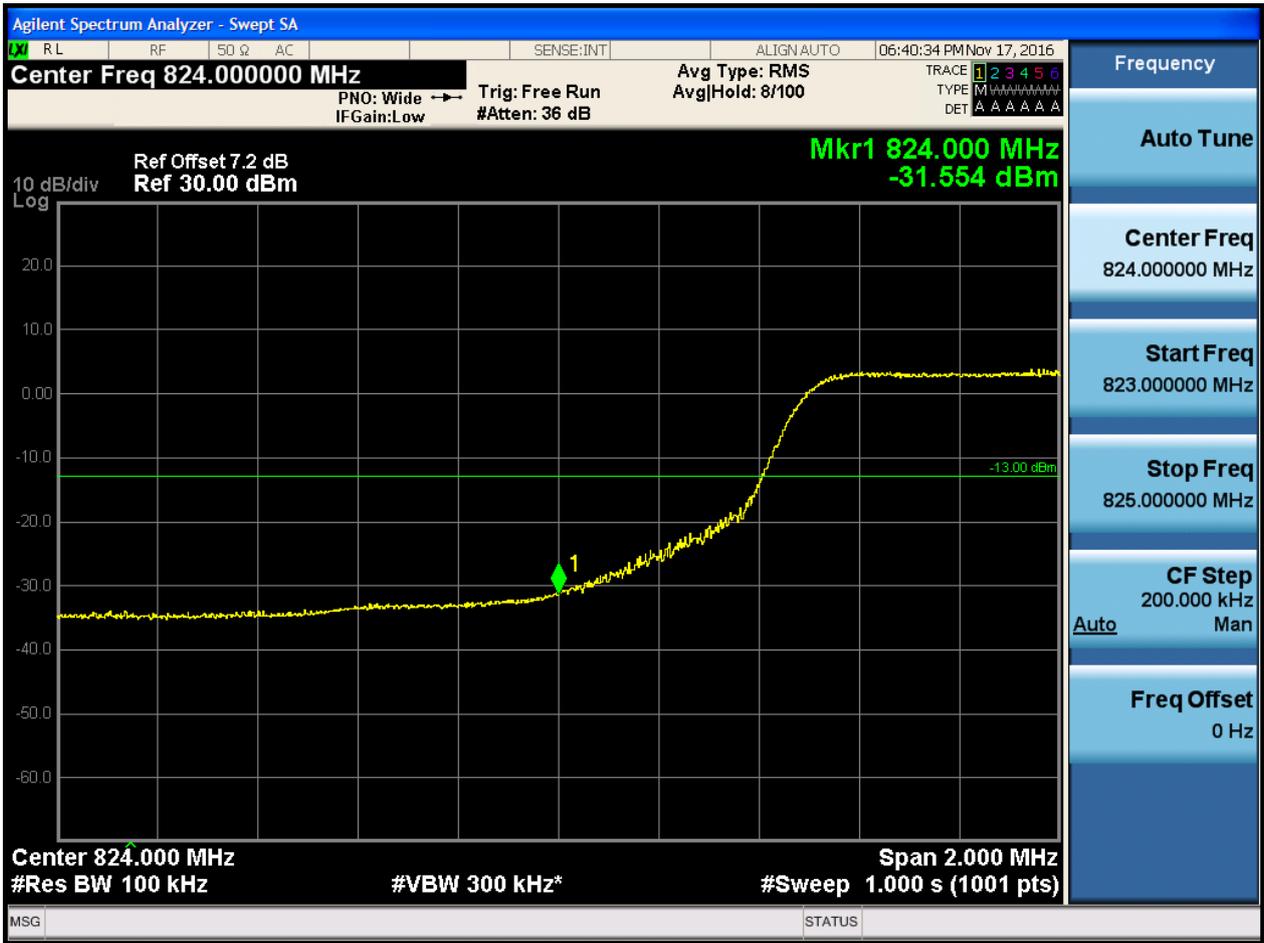


5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





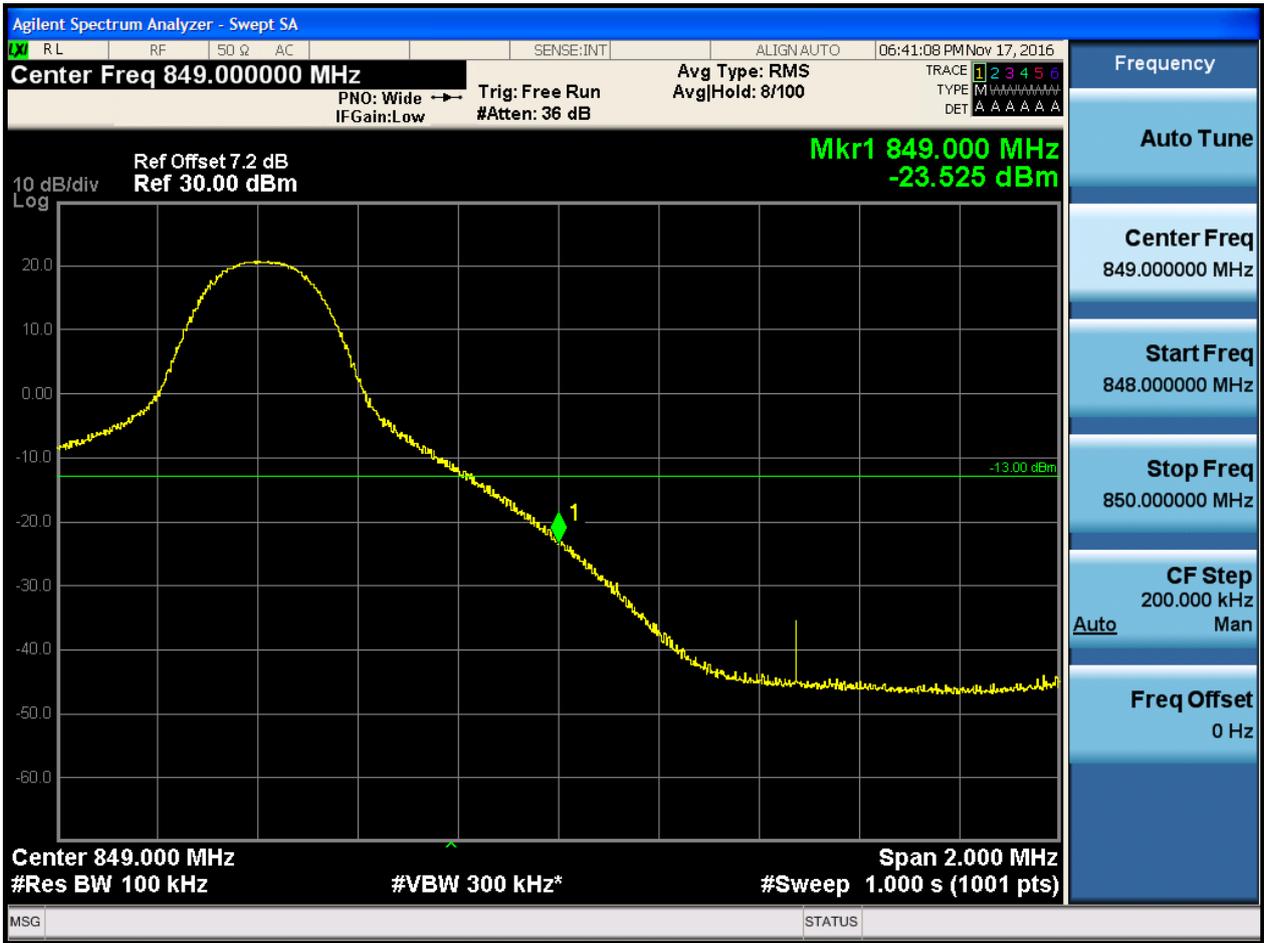
5.1.1.1.4.2 Test Channel = HCH

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



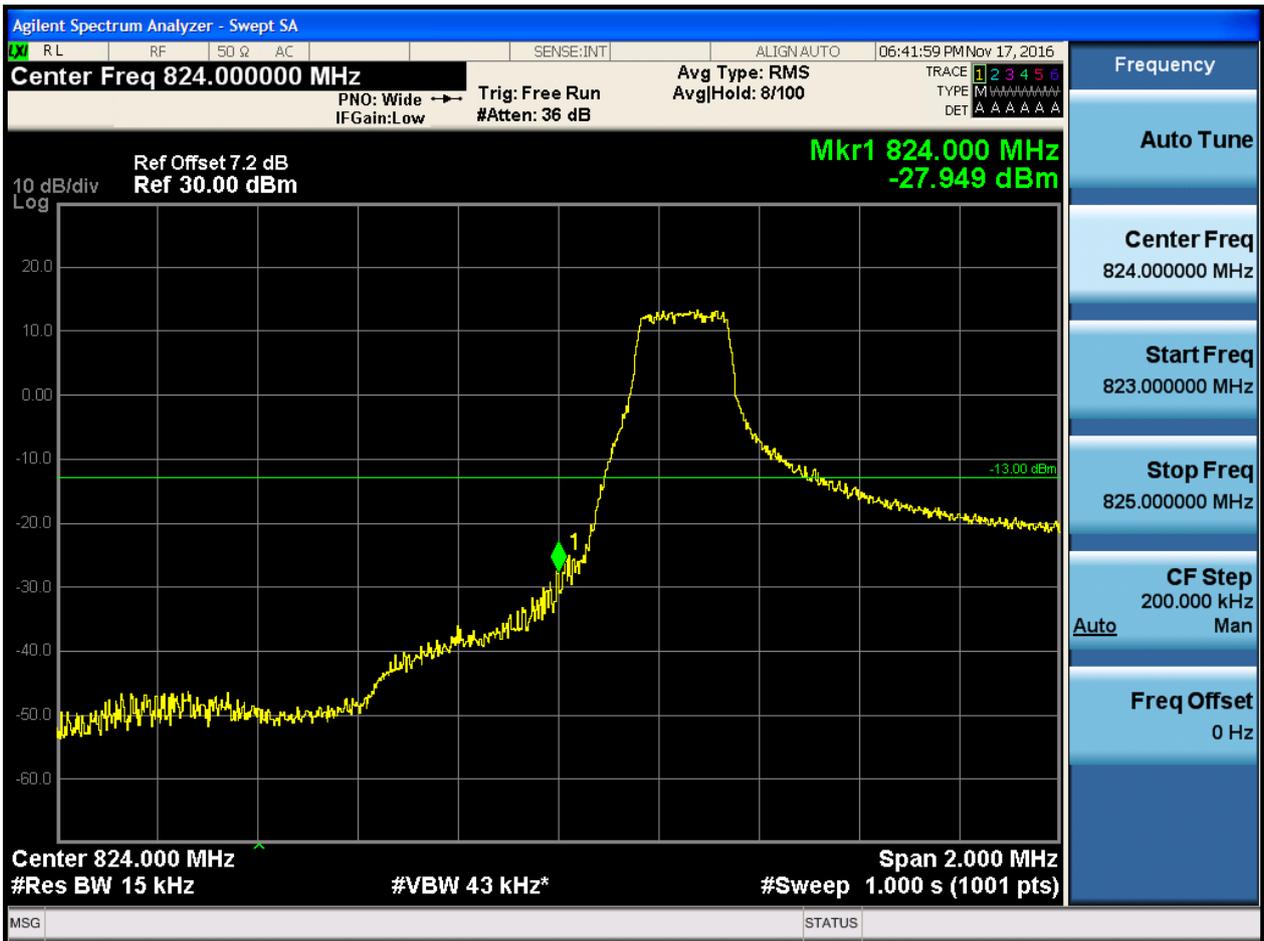


5.1.1.2 Test Mode = LTE/TM2

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



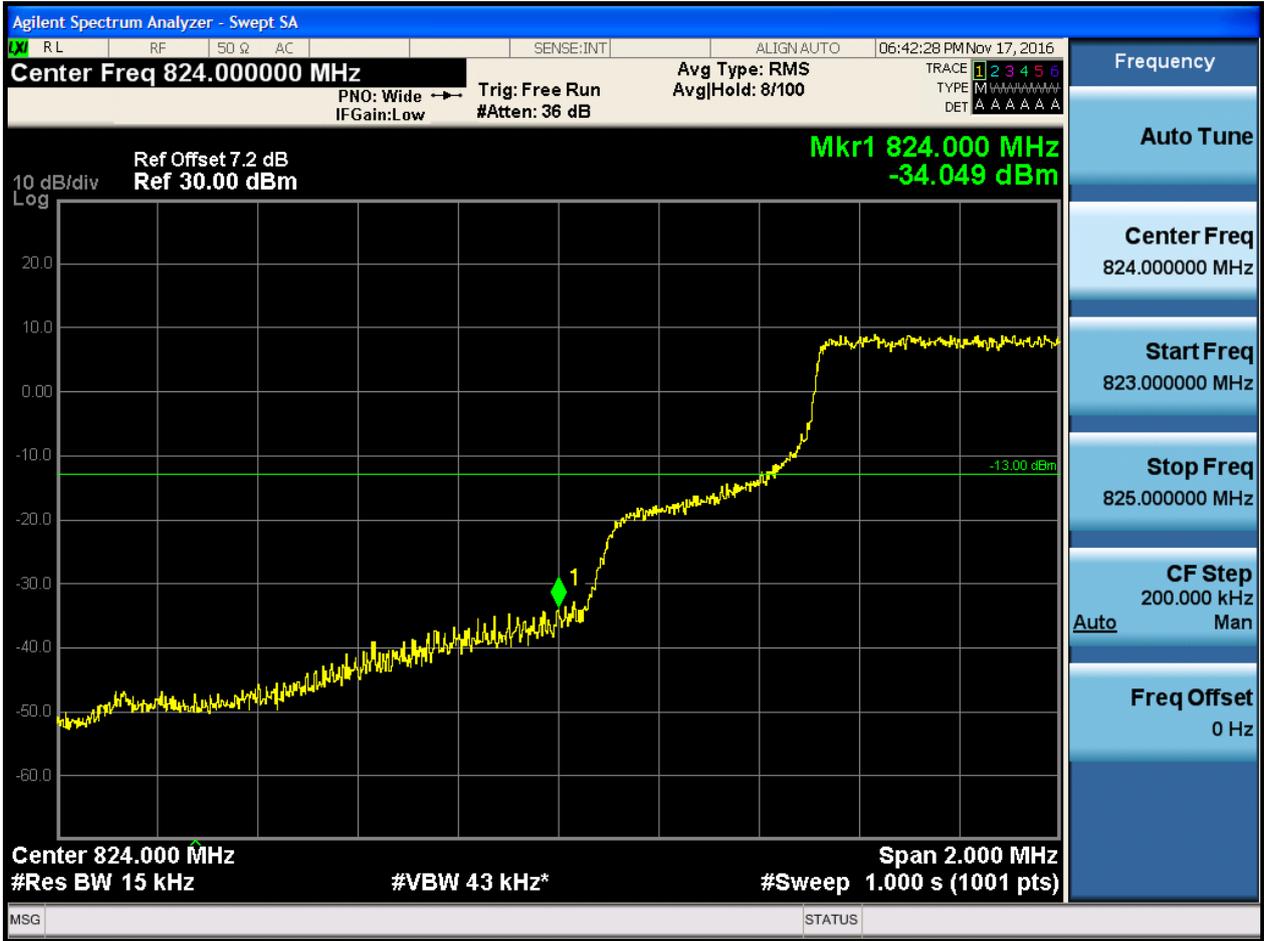


5.1.1.2.1.1.2 Test RB = RB1#5



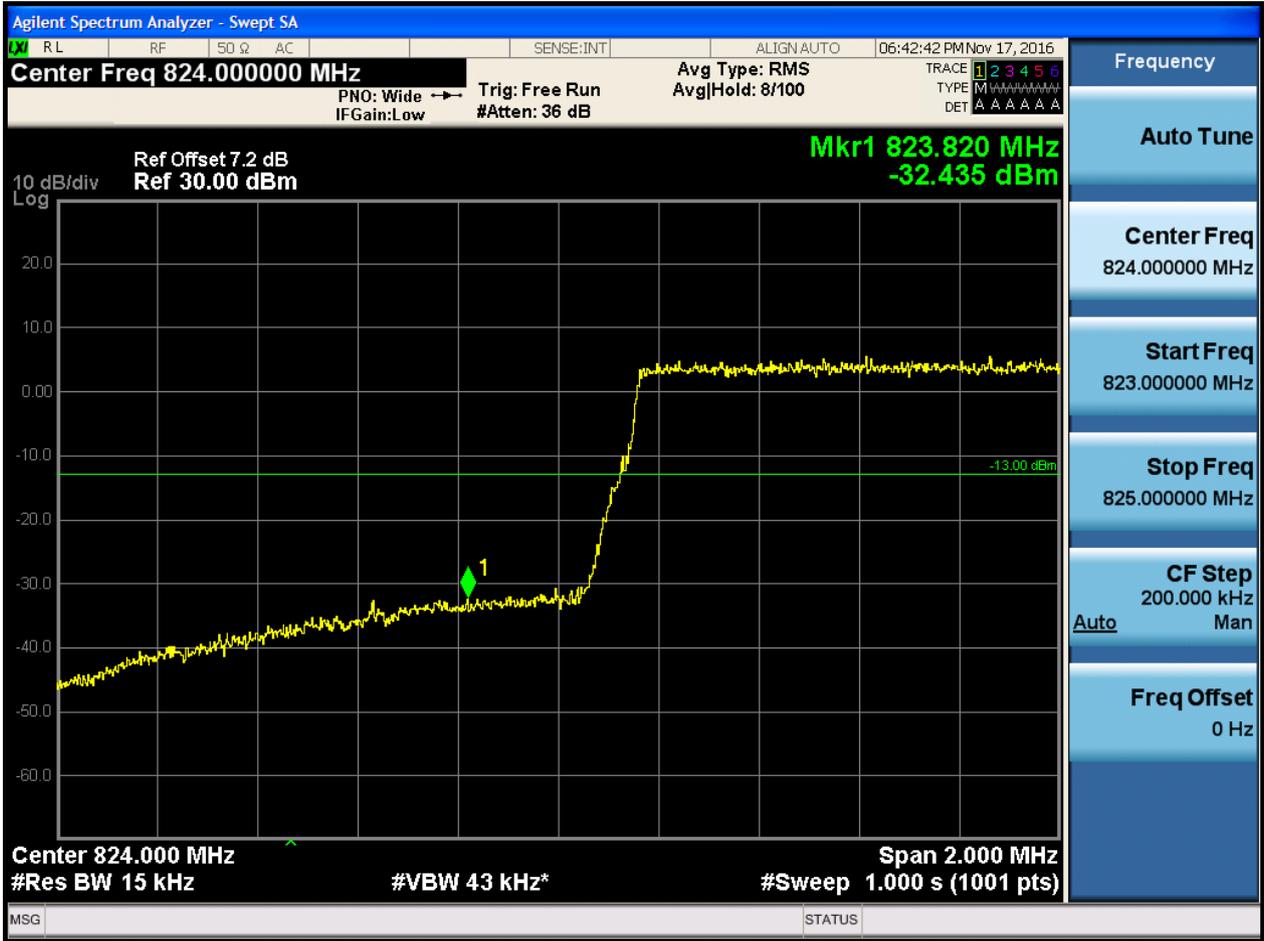


5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





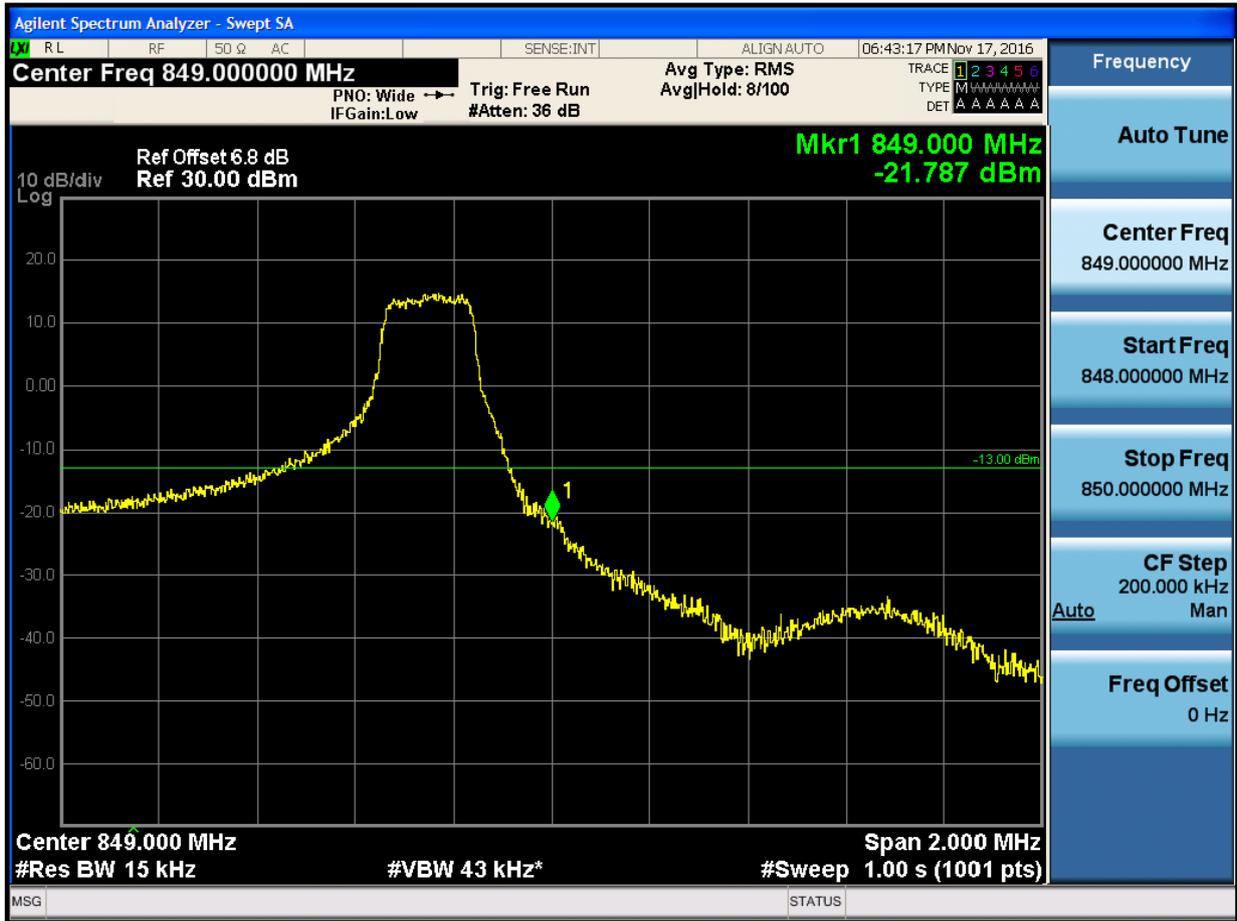
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5







5.1.1.2.1.2.4 Test RB = RB6#0

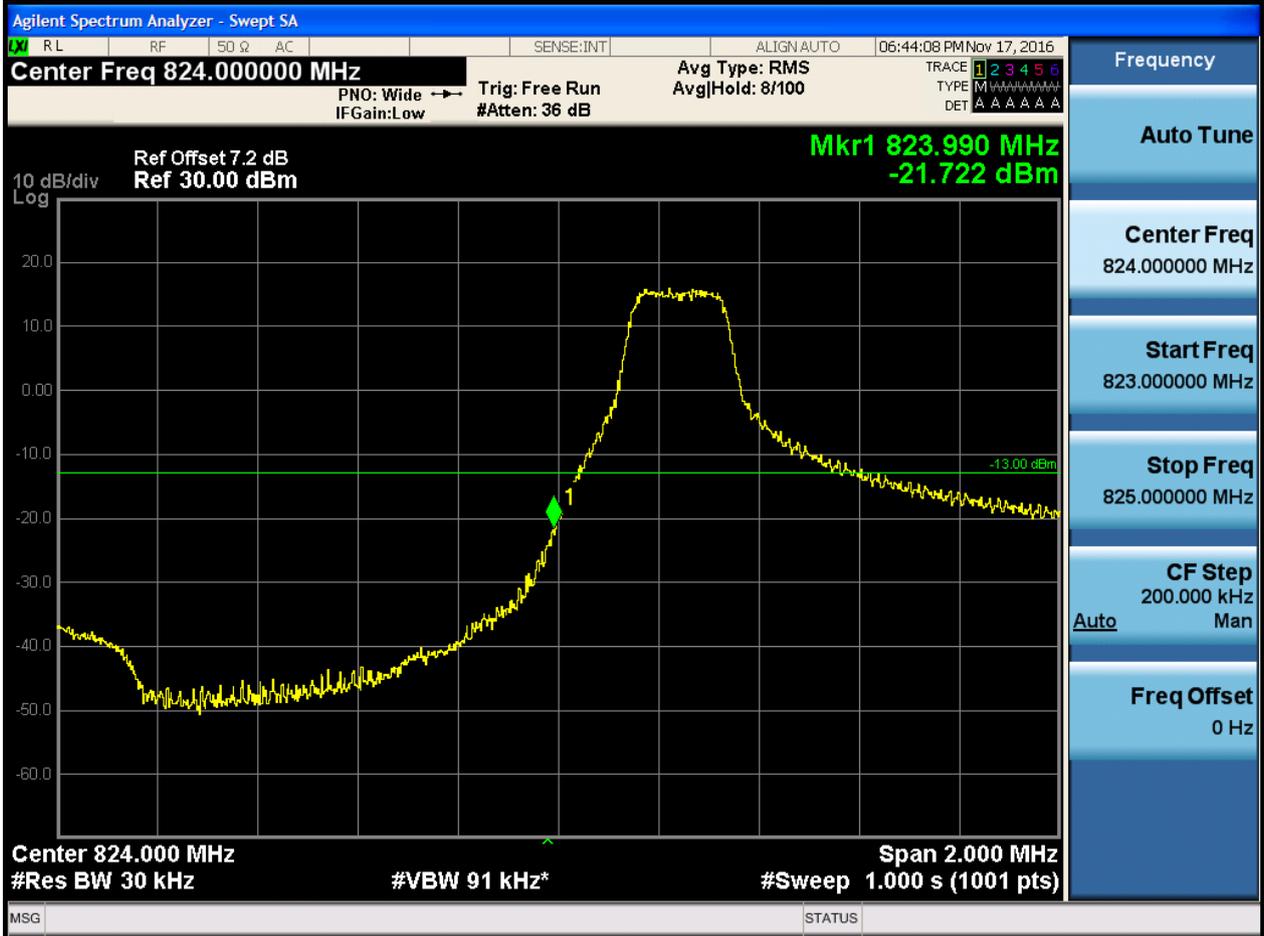




5.1.1.2.2 Test Bandwidth = 3

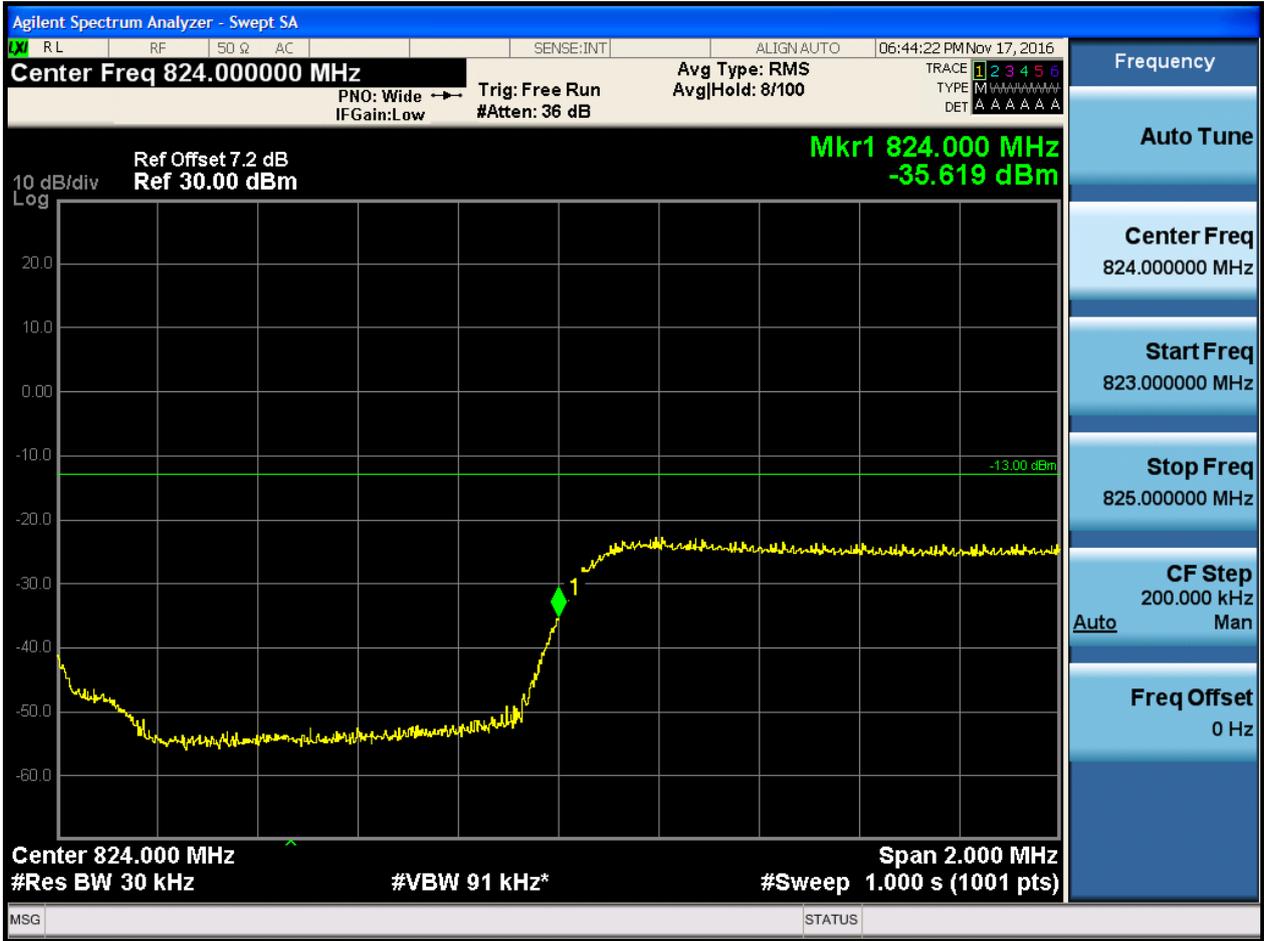
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



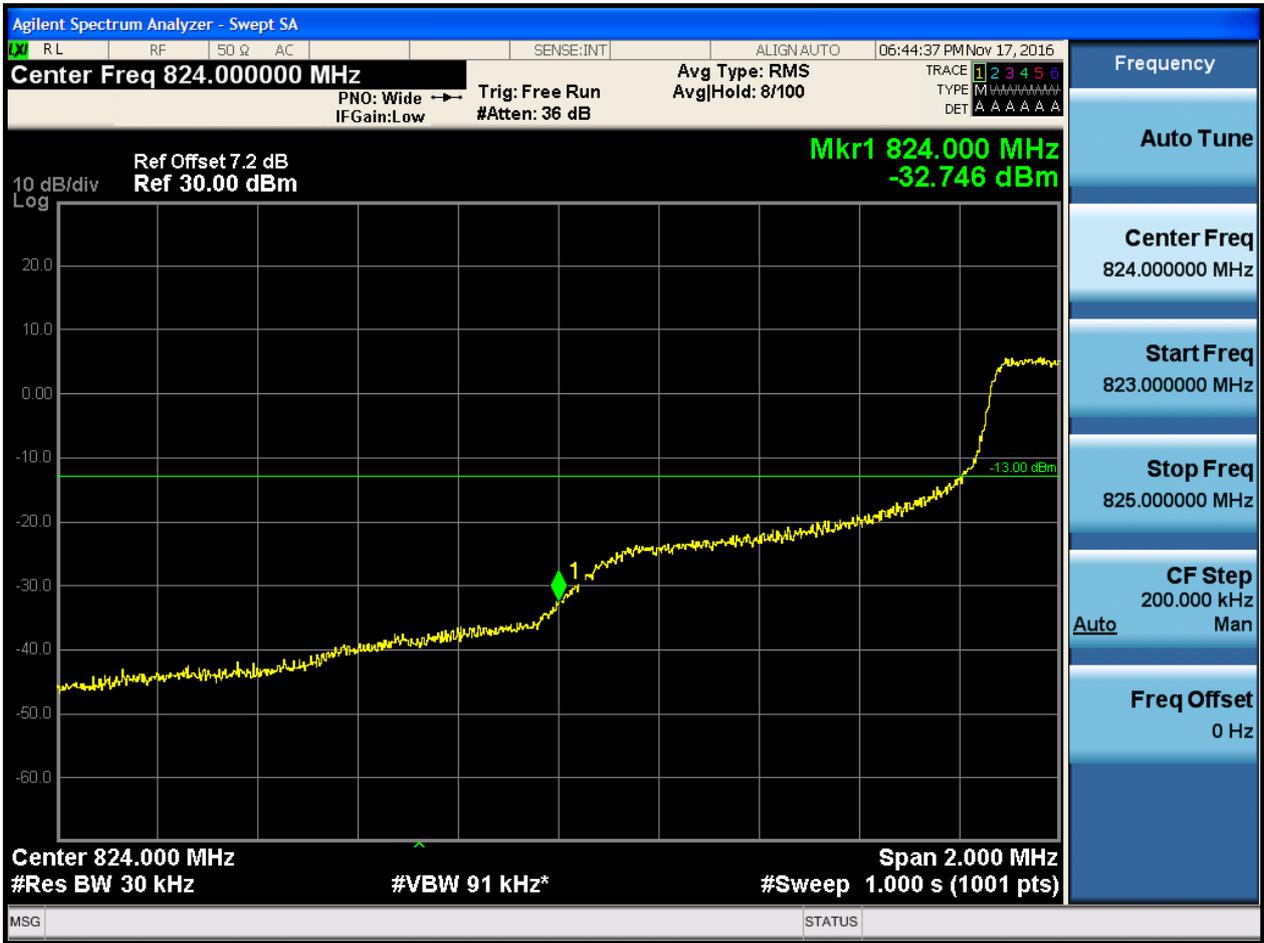


5.1.1.2.2.1.2 Test RB = RB1#14



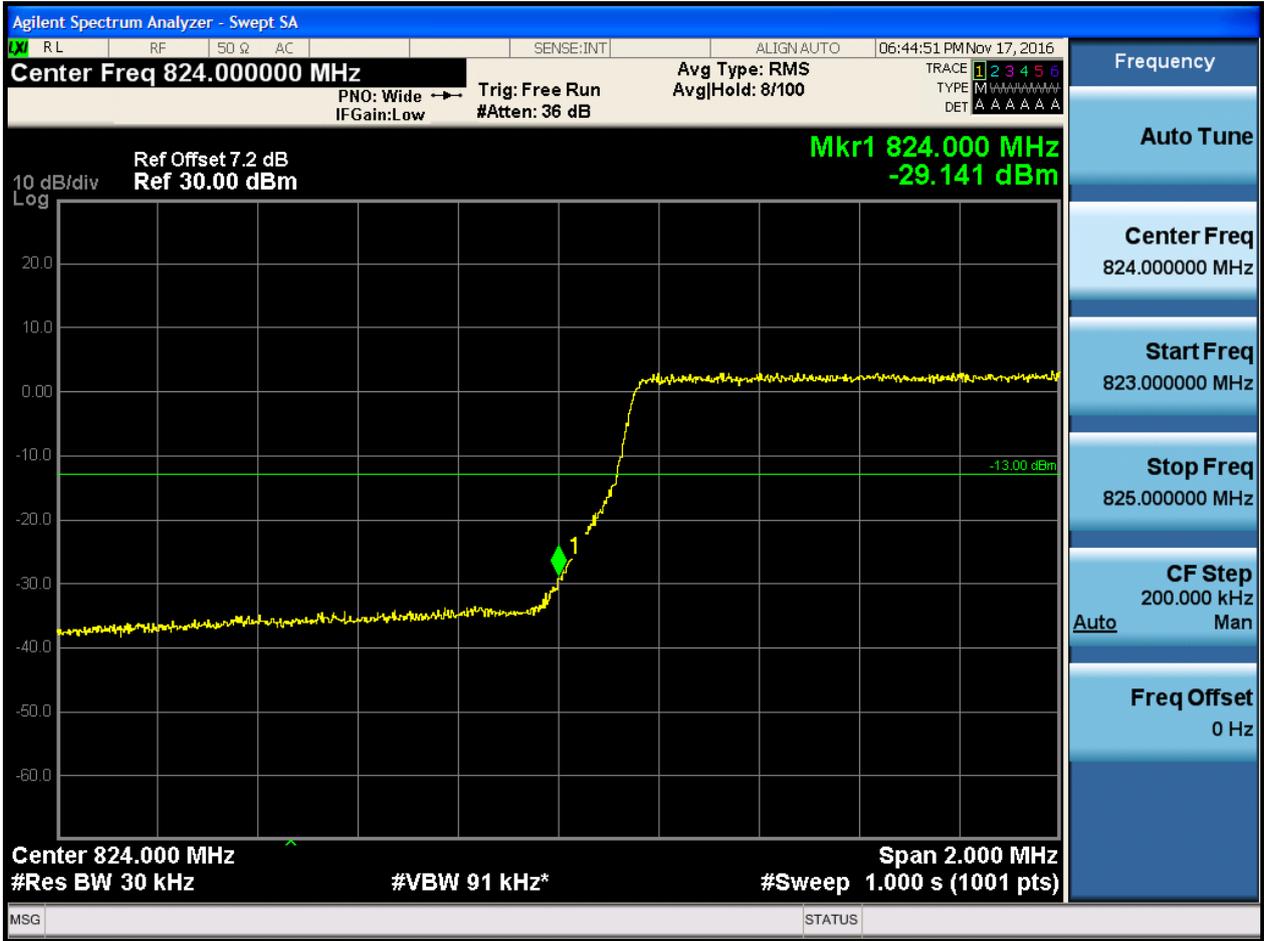


5.1.1.2.2.1.3 Test RB = RB8#4





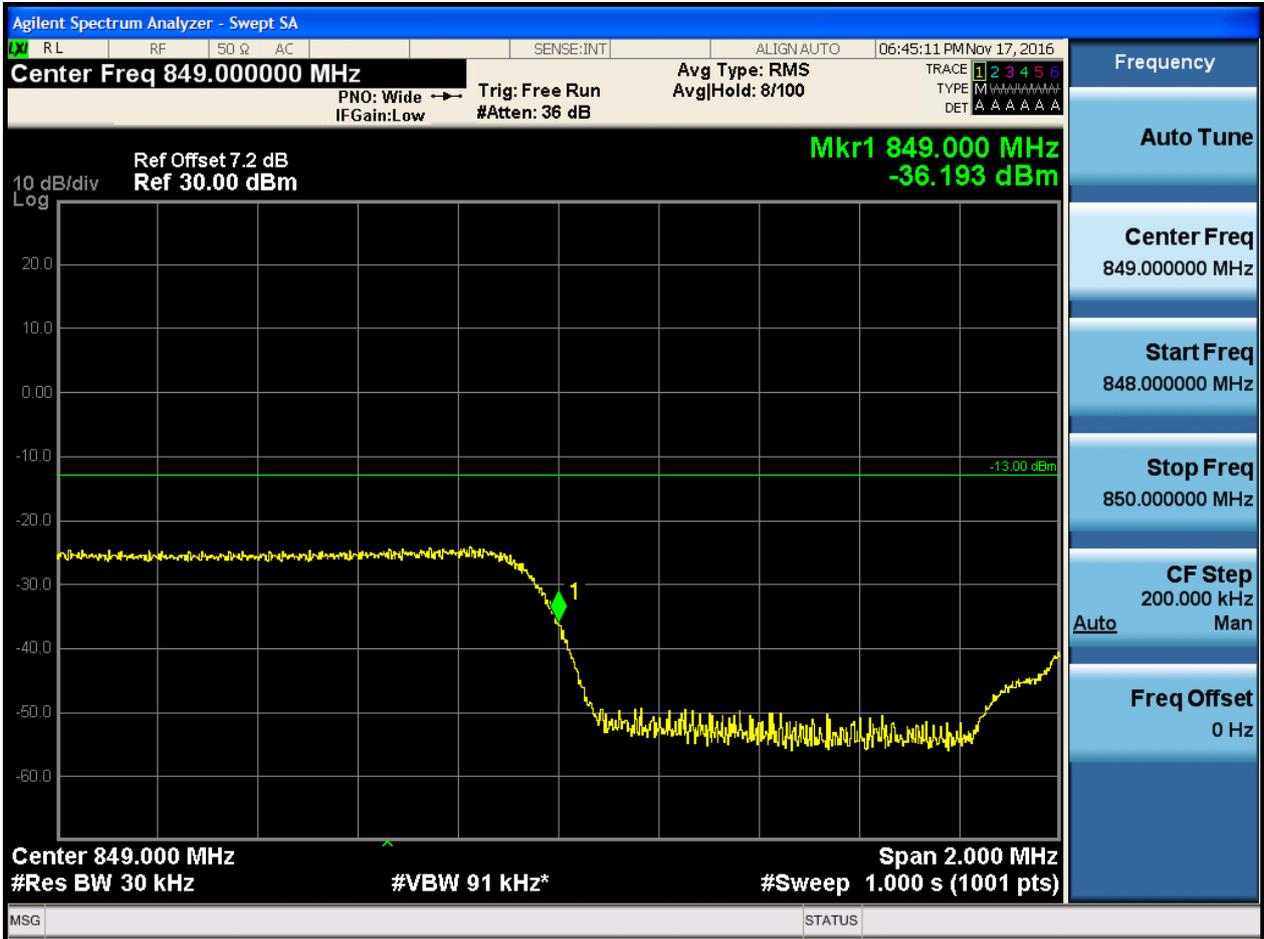
5.1.1.2.2.1.4 Test RB = RB15#0





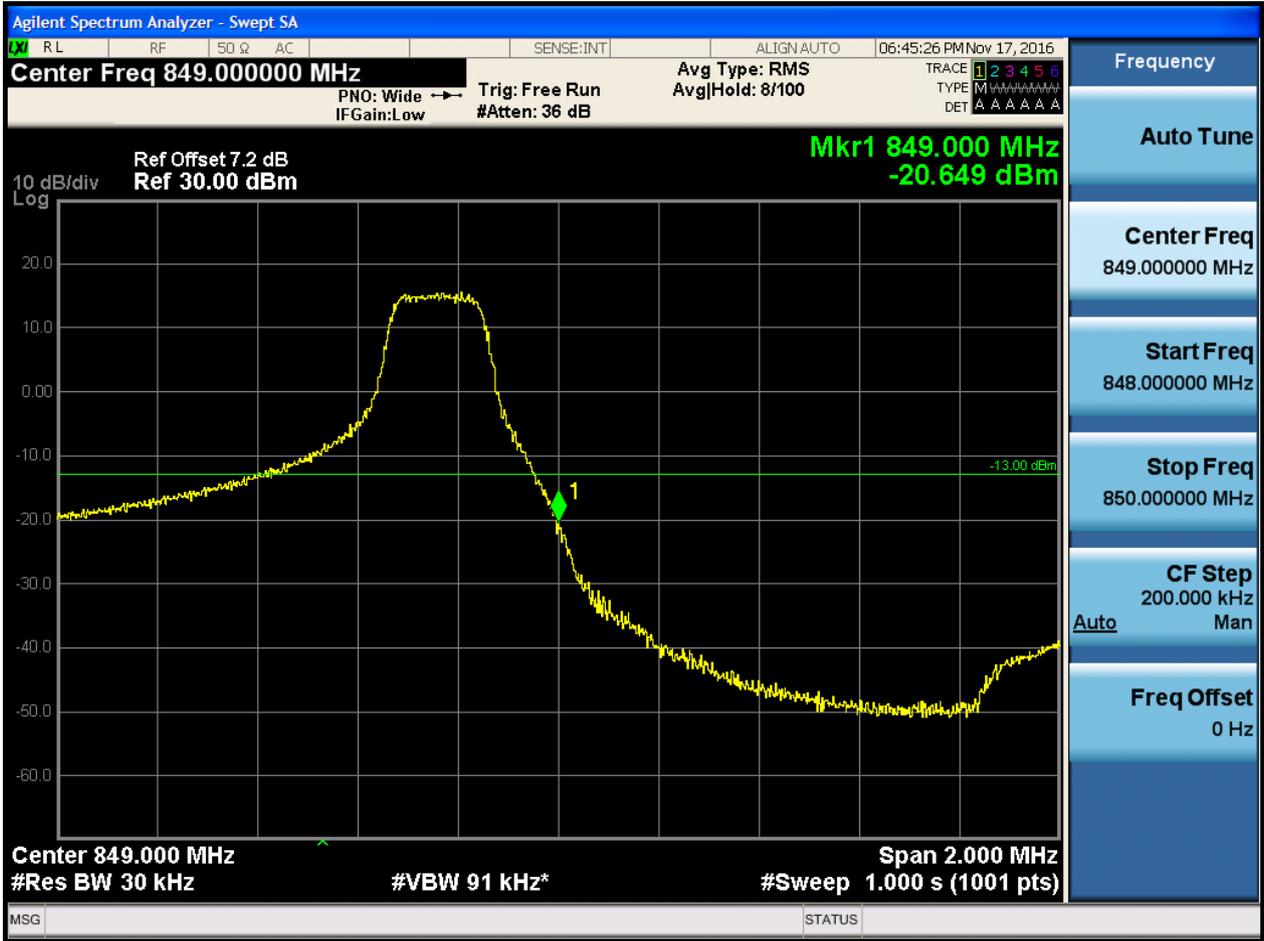
5.1.1.2.2.2 Test Channel = HCH

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

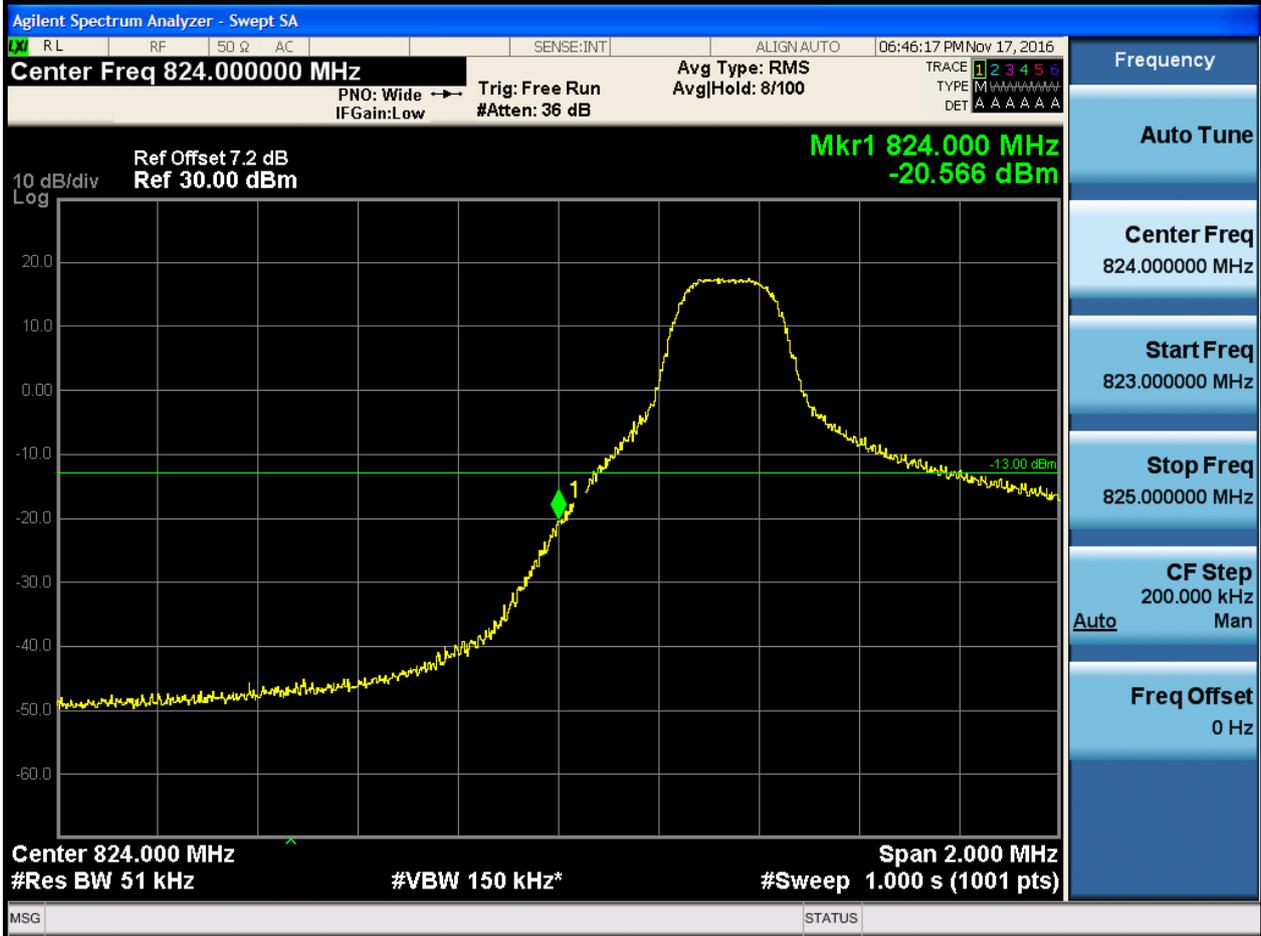




5.1.1.2.3 Test Bandwidth = 5

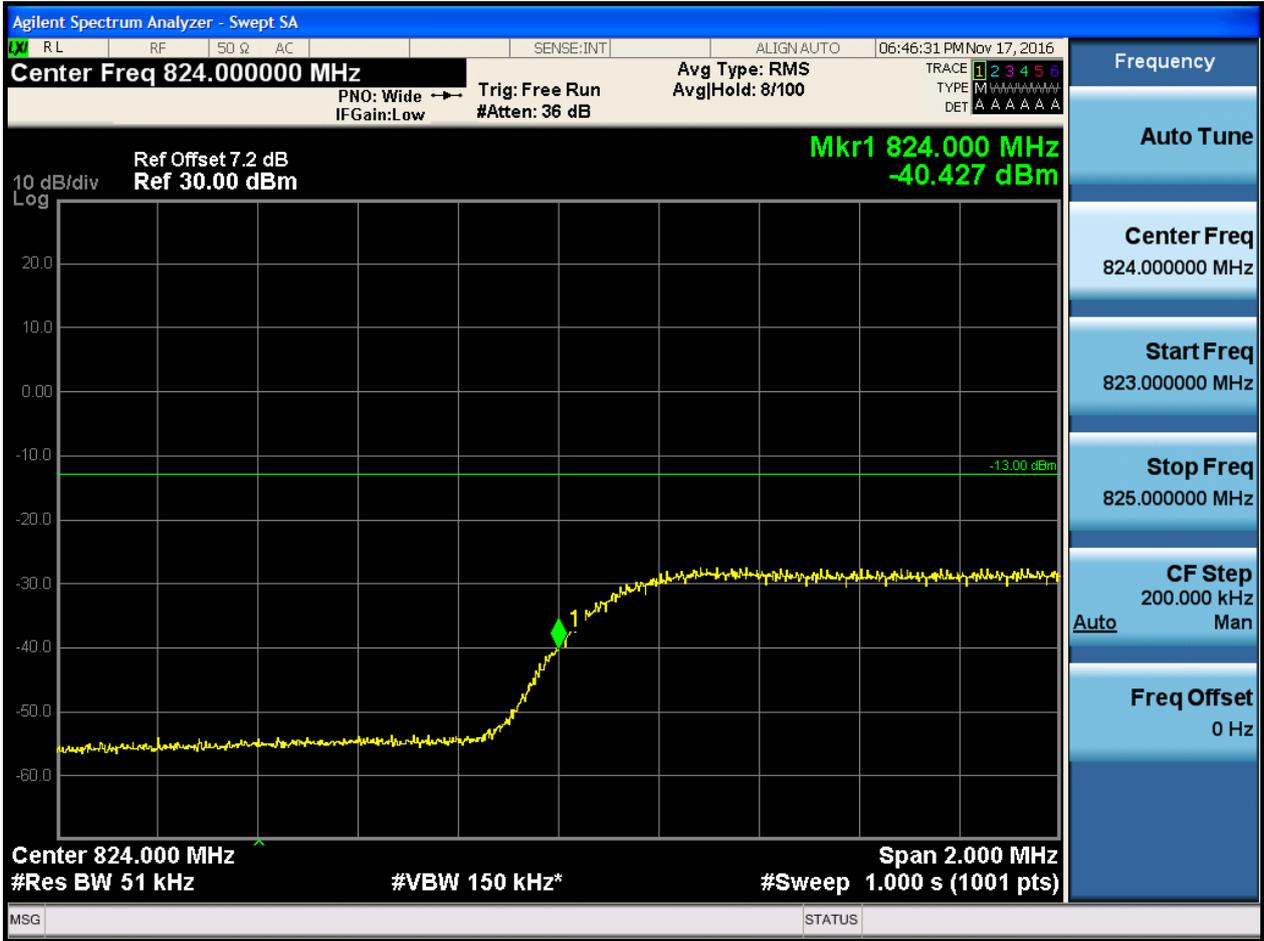
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24



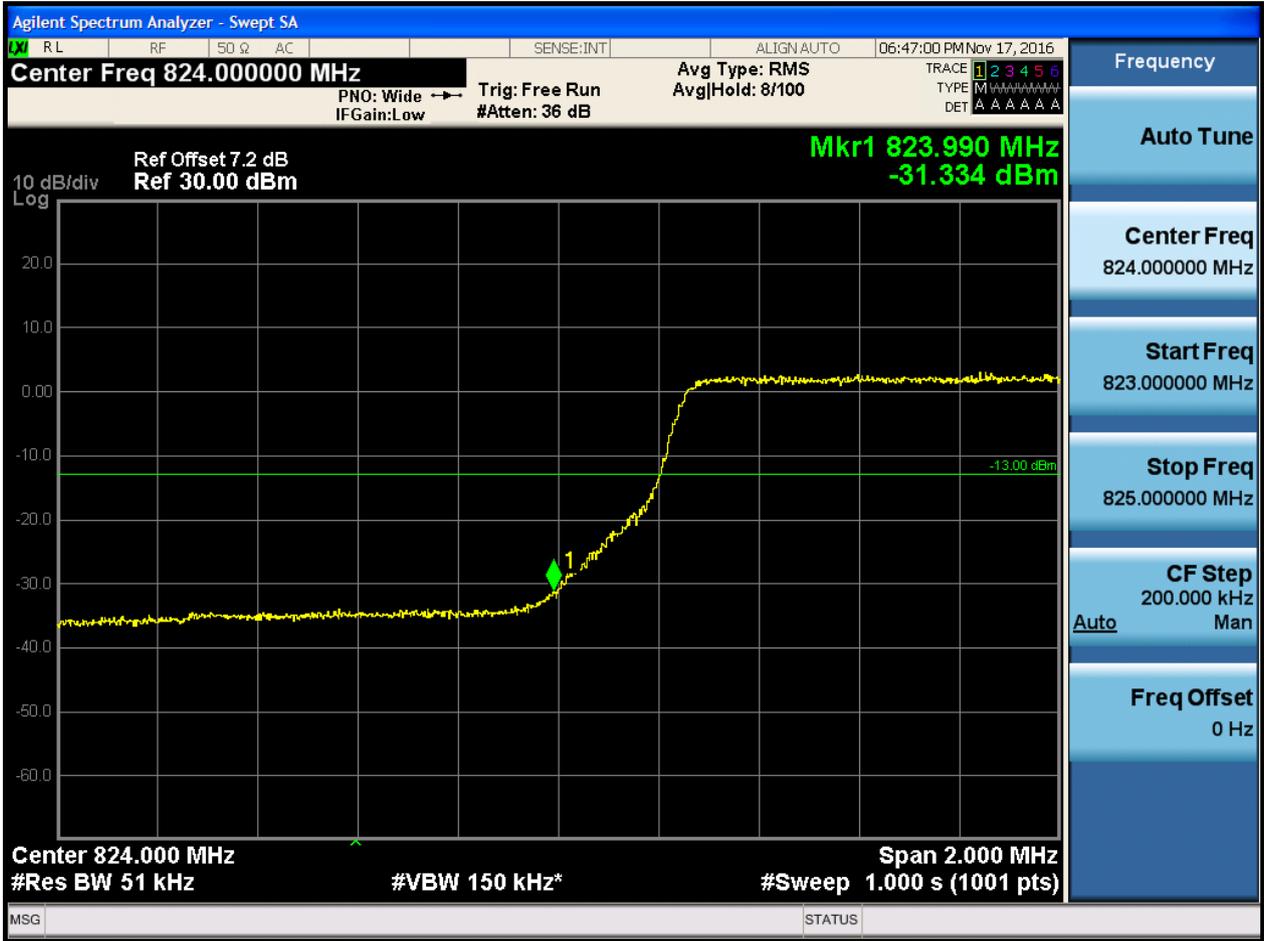


5.1.1.2.3.1.3 Test RB = RB12#6





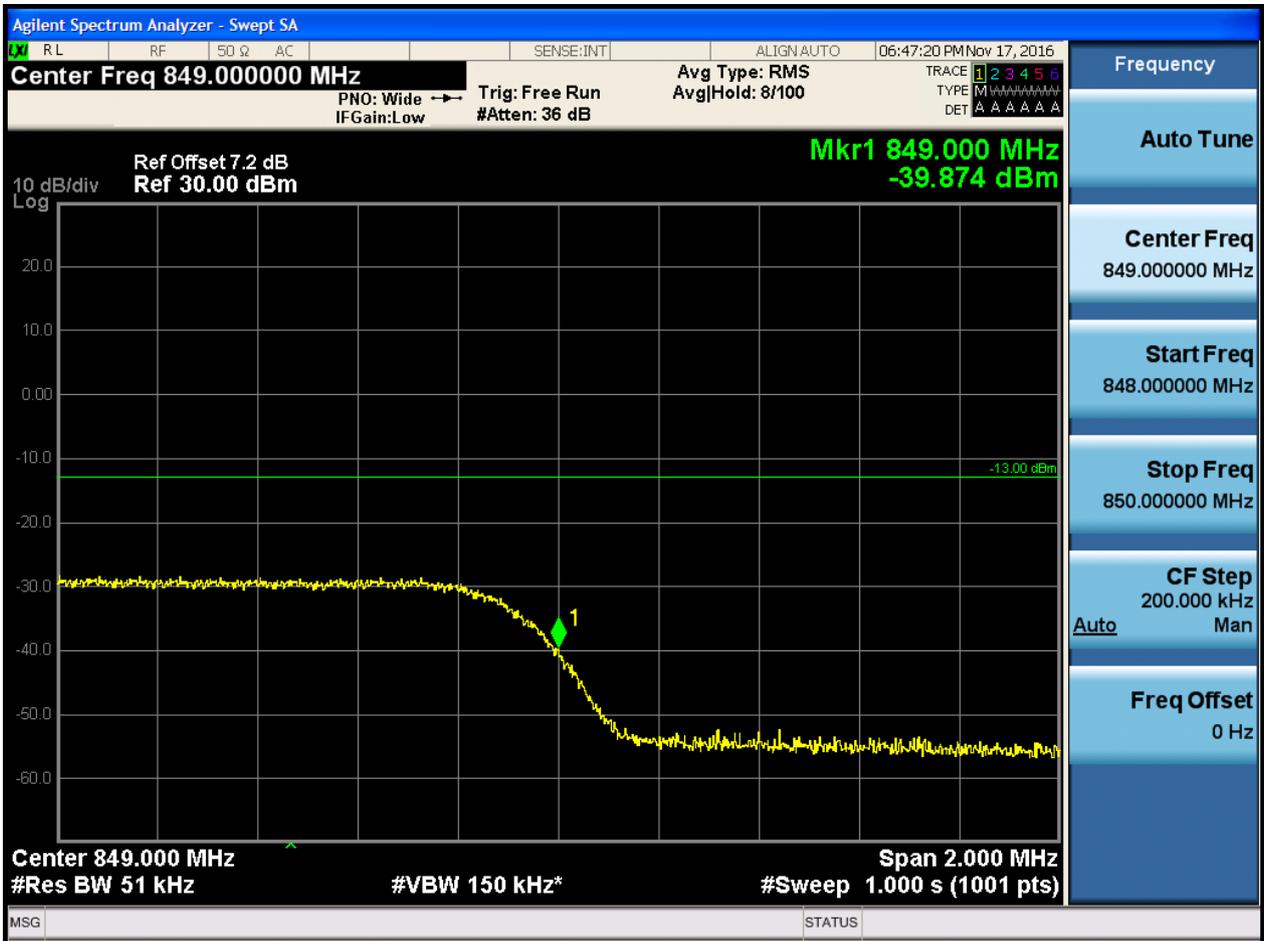
5.1.1.2.3.1.4 Test RB = RB25#0





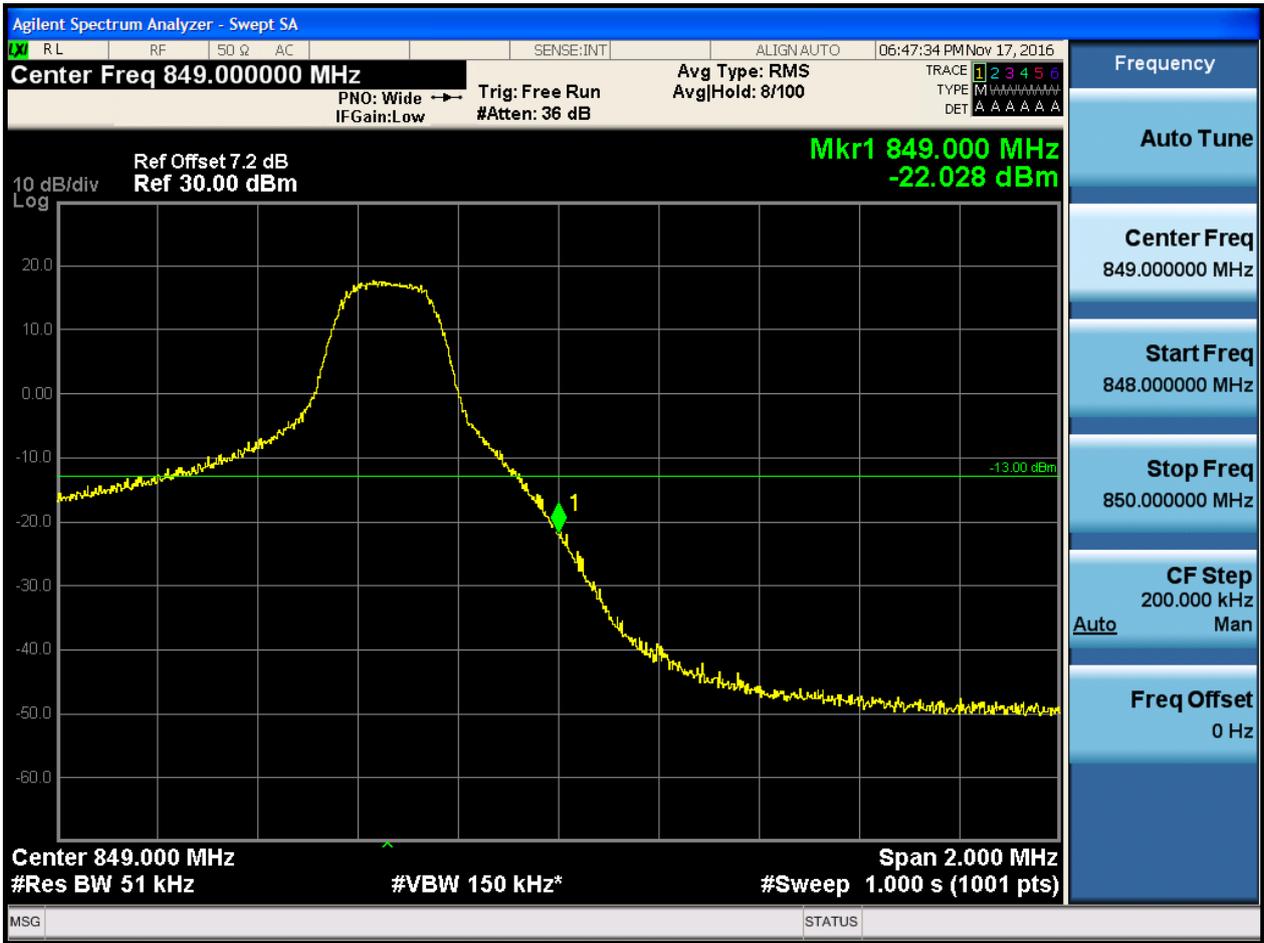
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



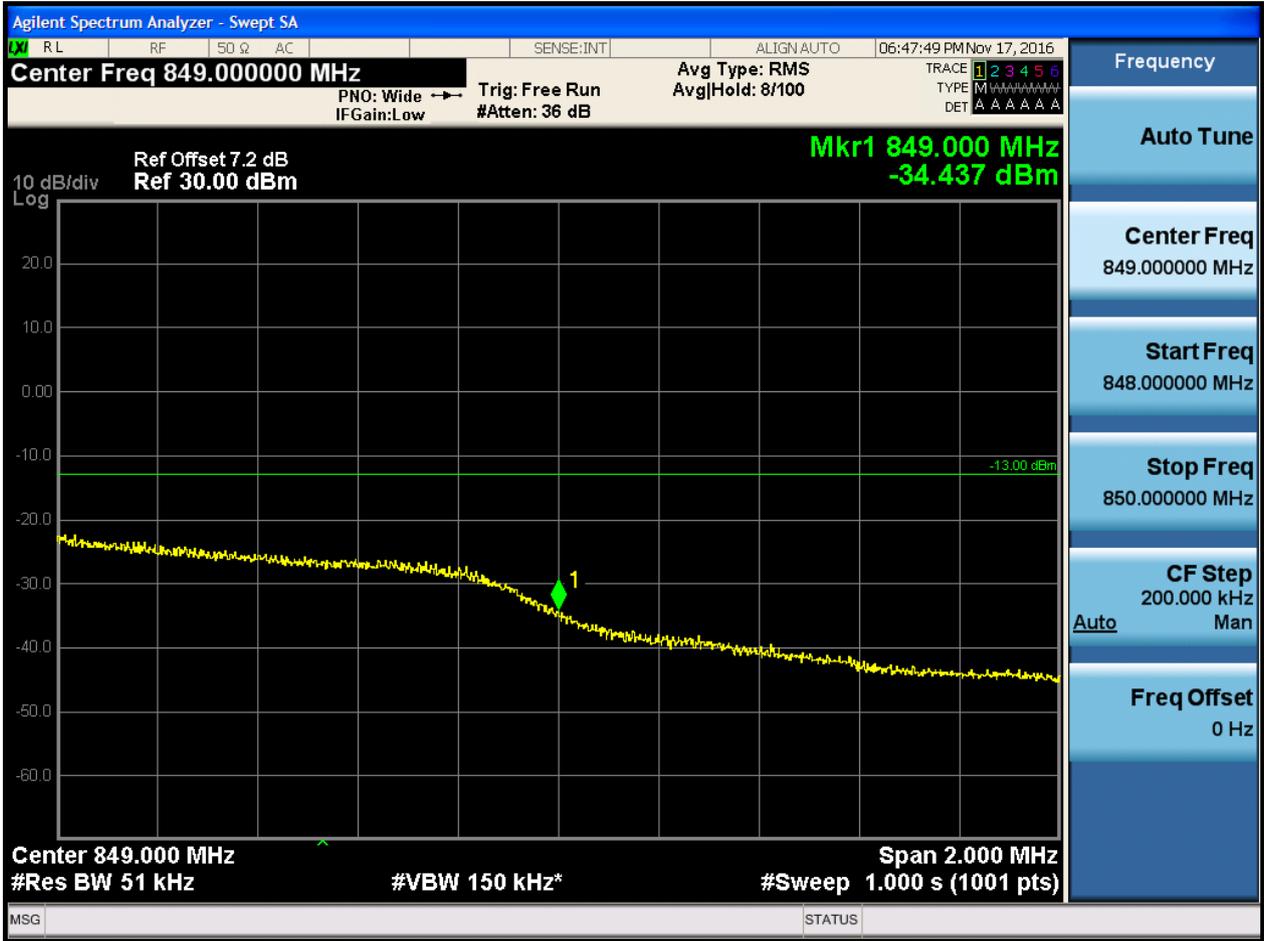


5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0

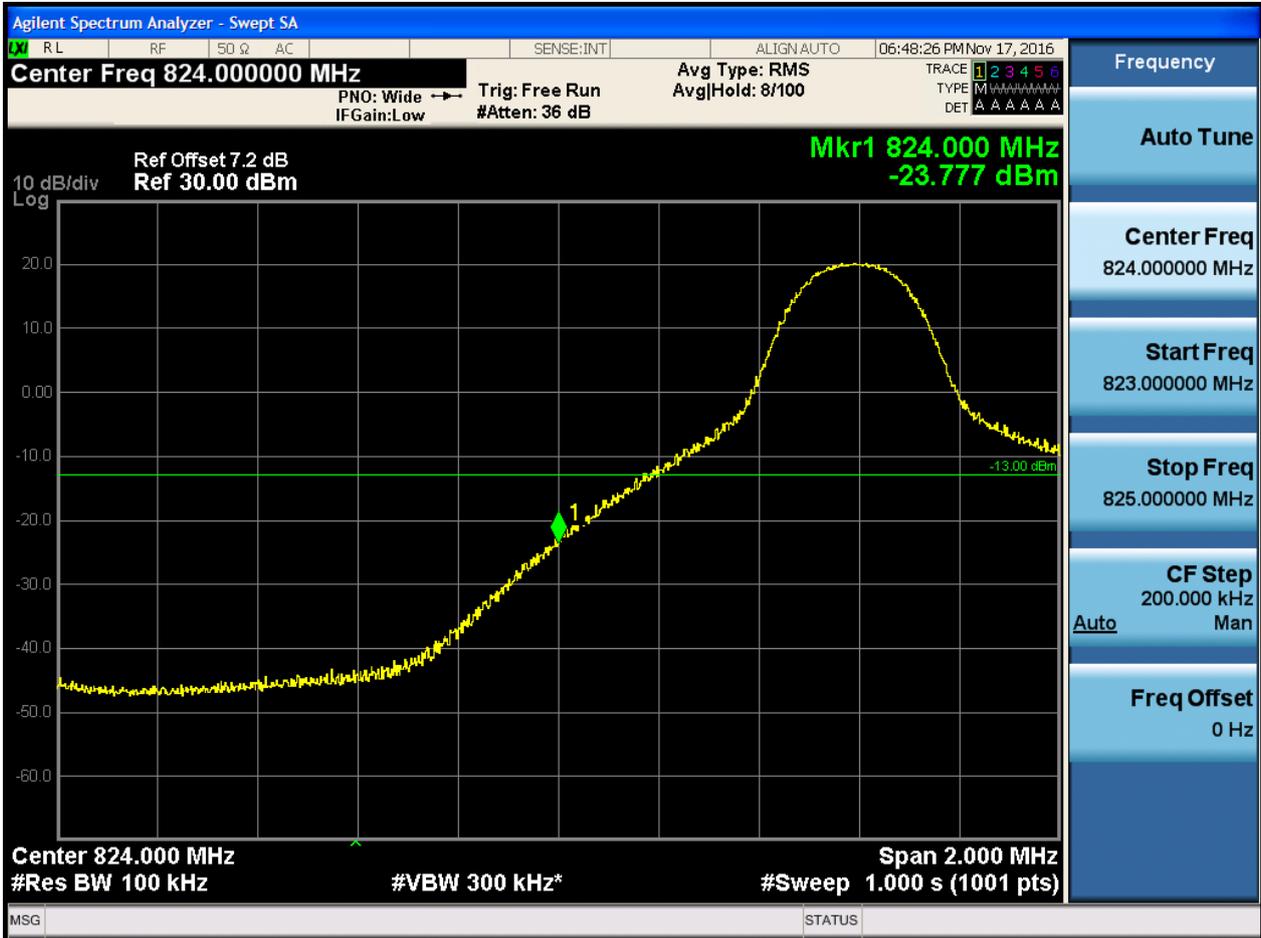




5.1.1.2.4 Test Bandwidth = 10

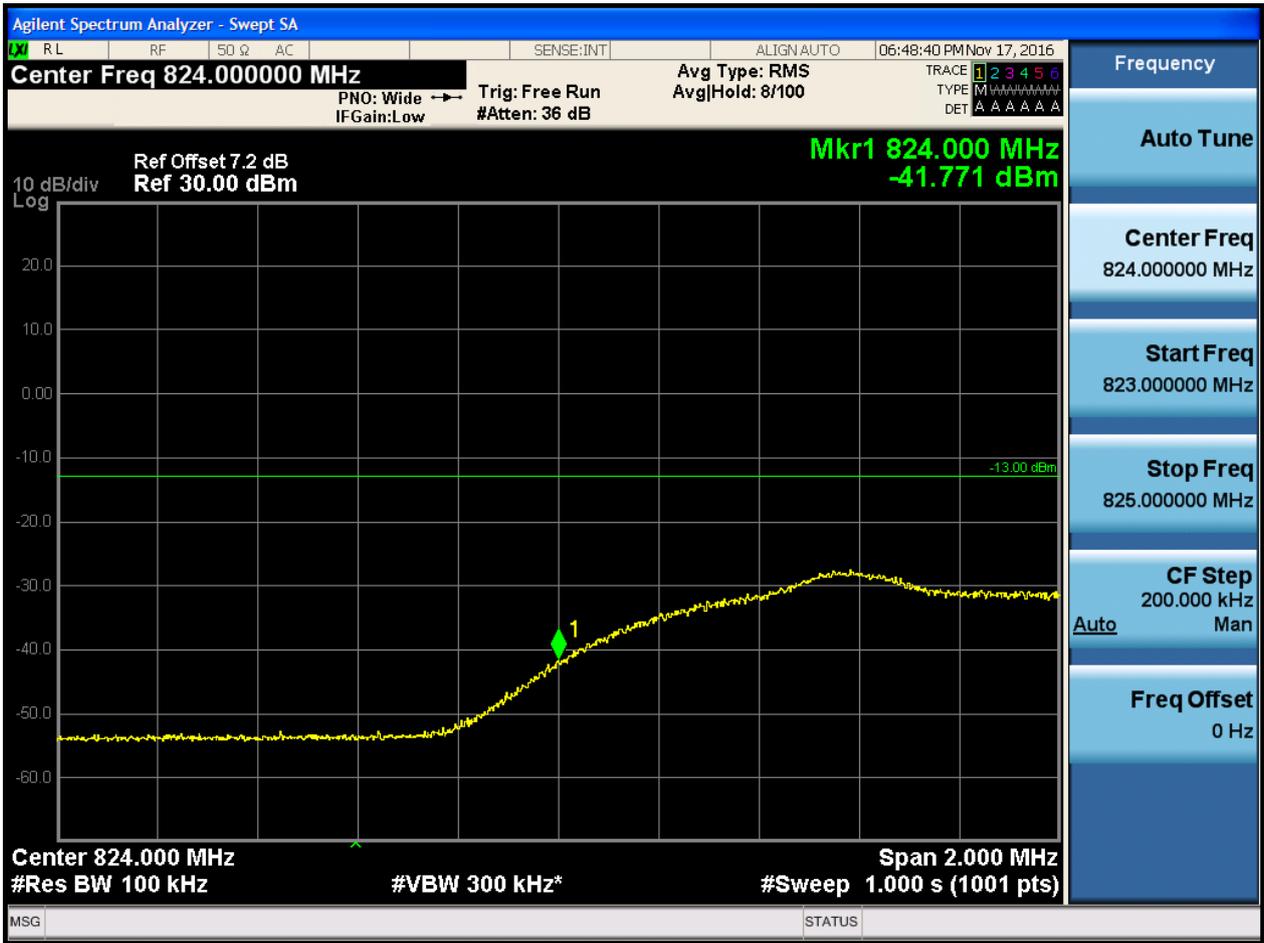
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



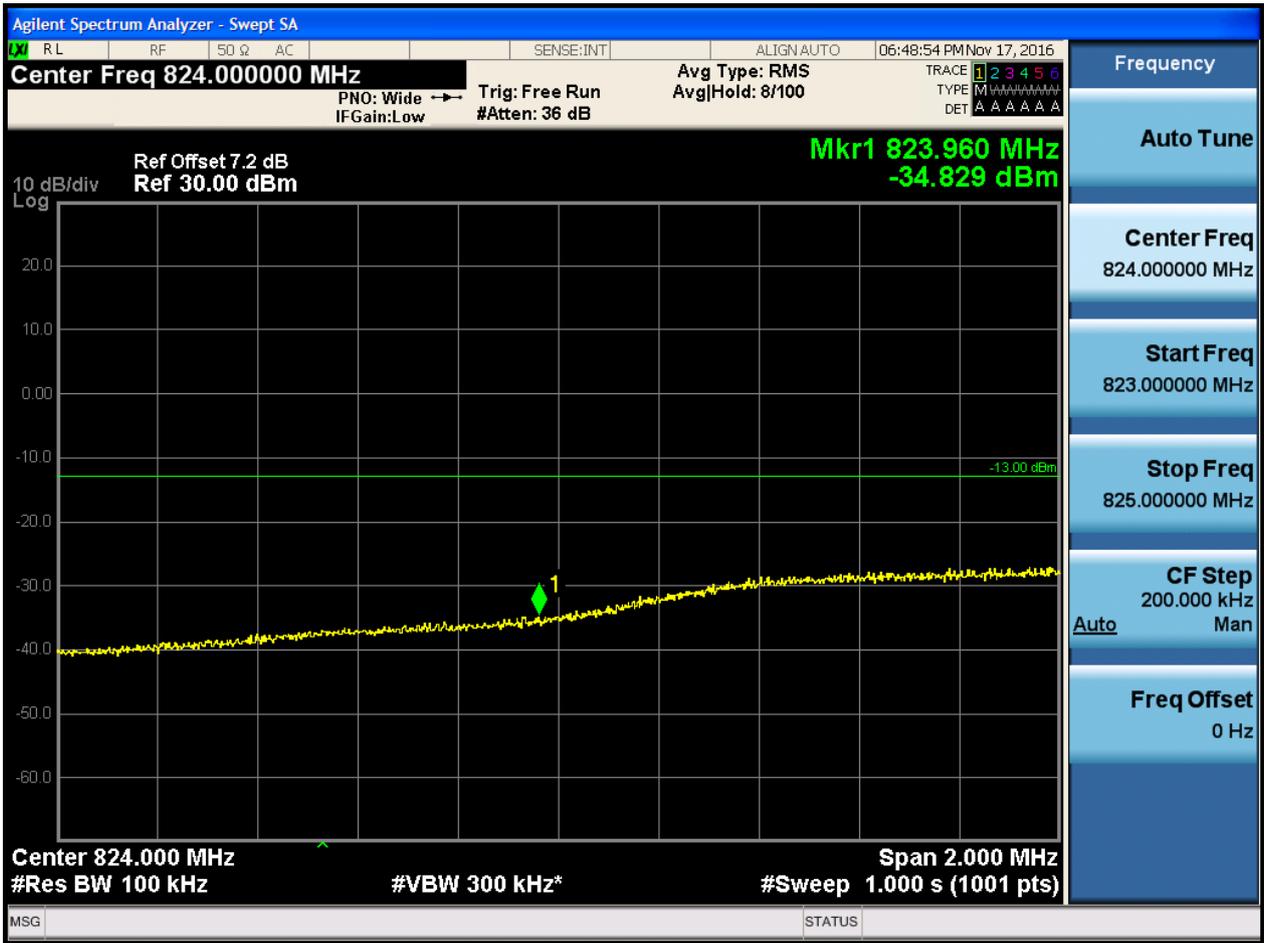


5.1.1.2.4.1.2 Test RB = RB1#49



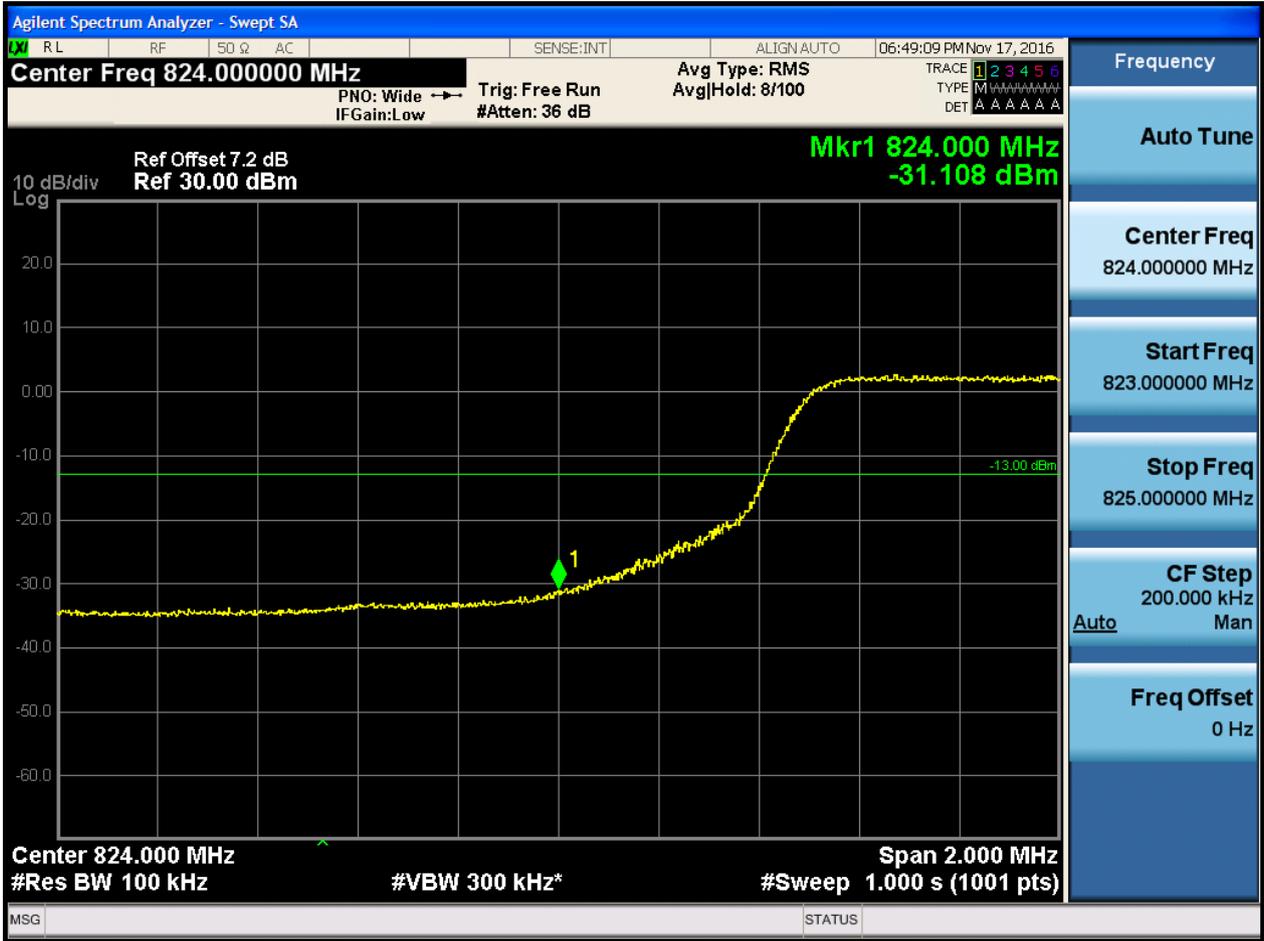


5.1.1.2.4.1.3 Test RB = RB25#13





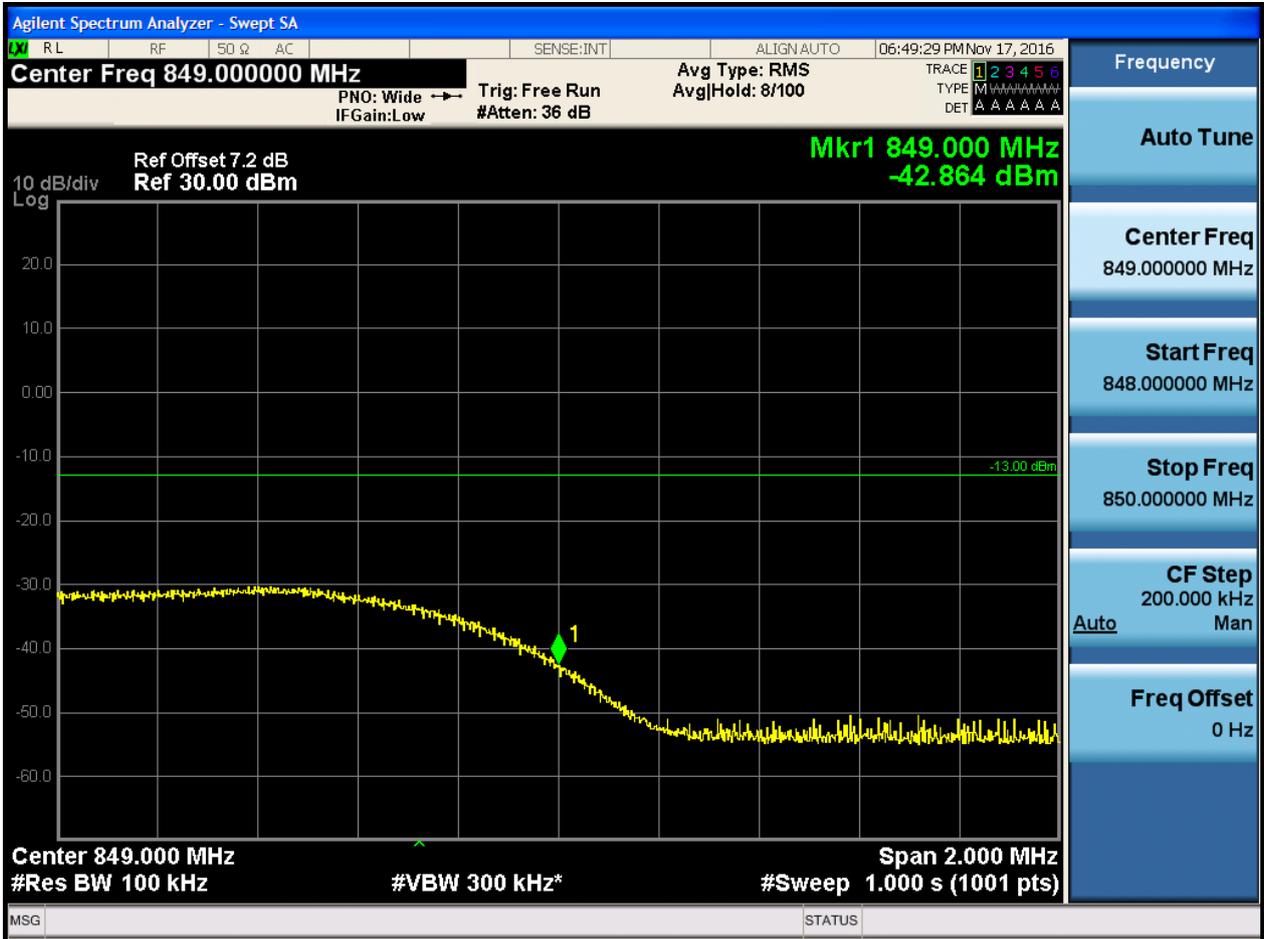
5.1.1.2.4.1.4 Test RB = RB50#0





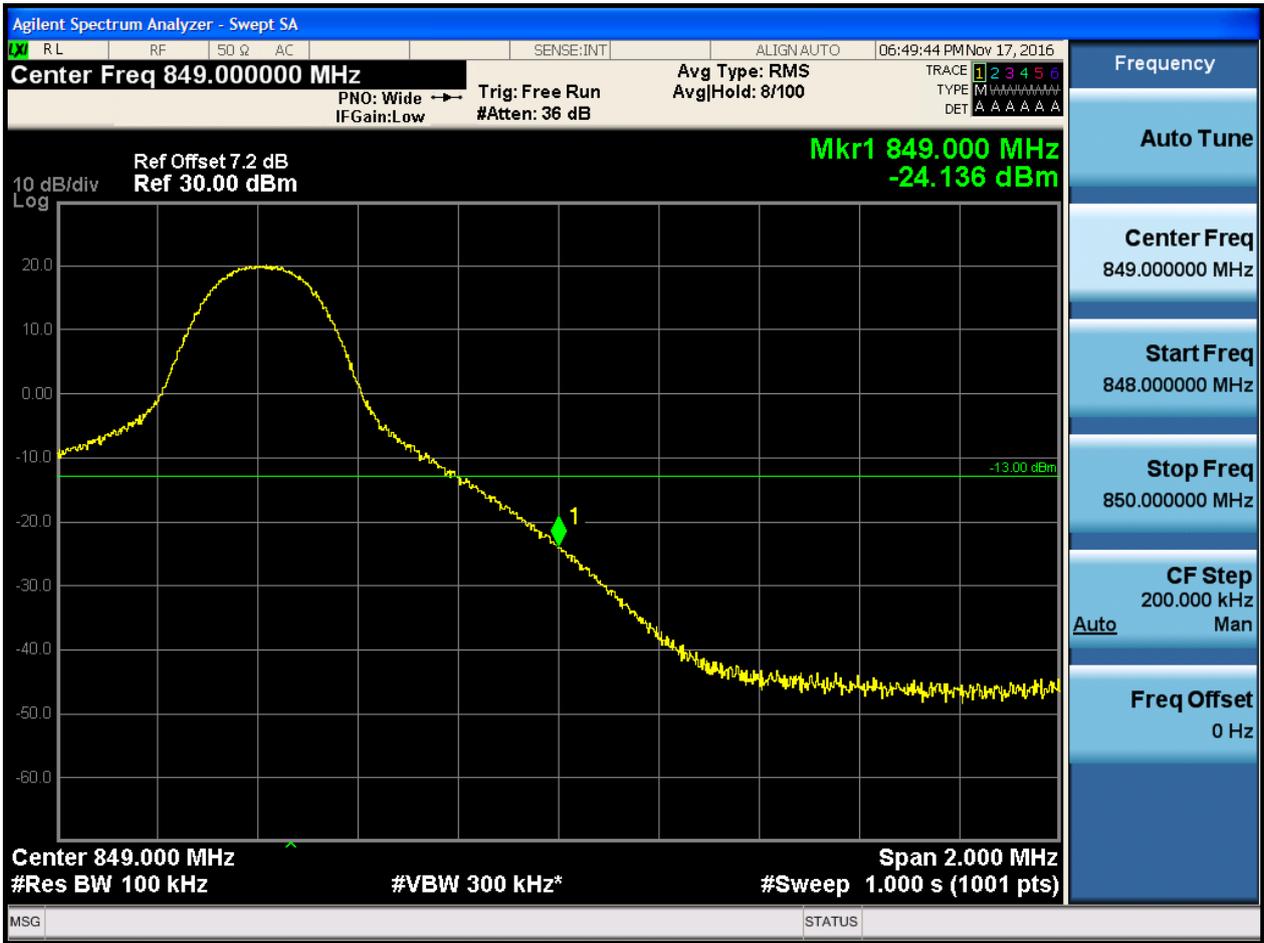
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



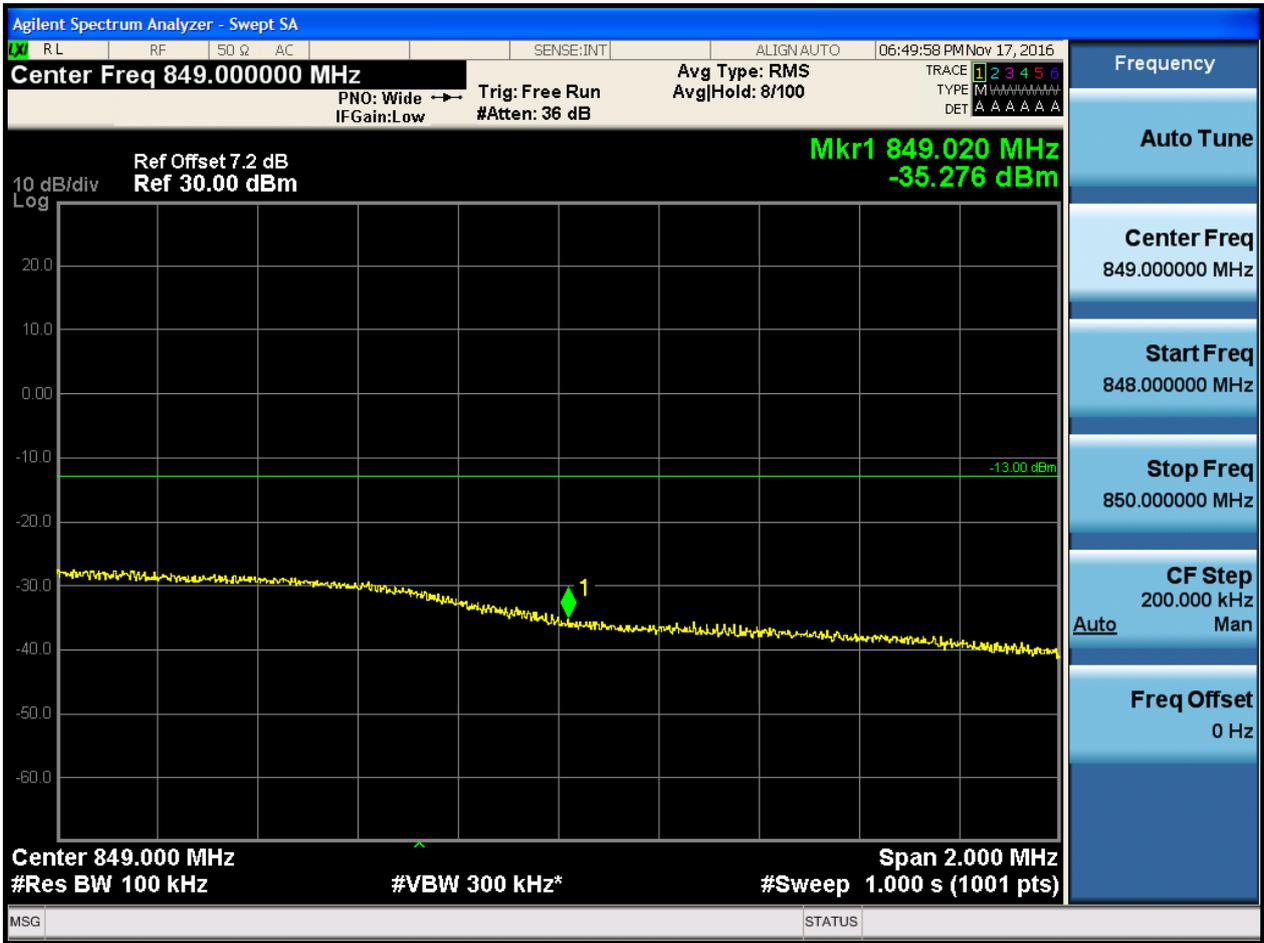


5.1.1.2.4.2.2 Test RB = RB1#49





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

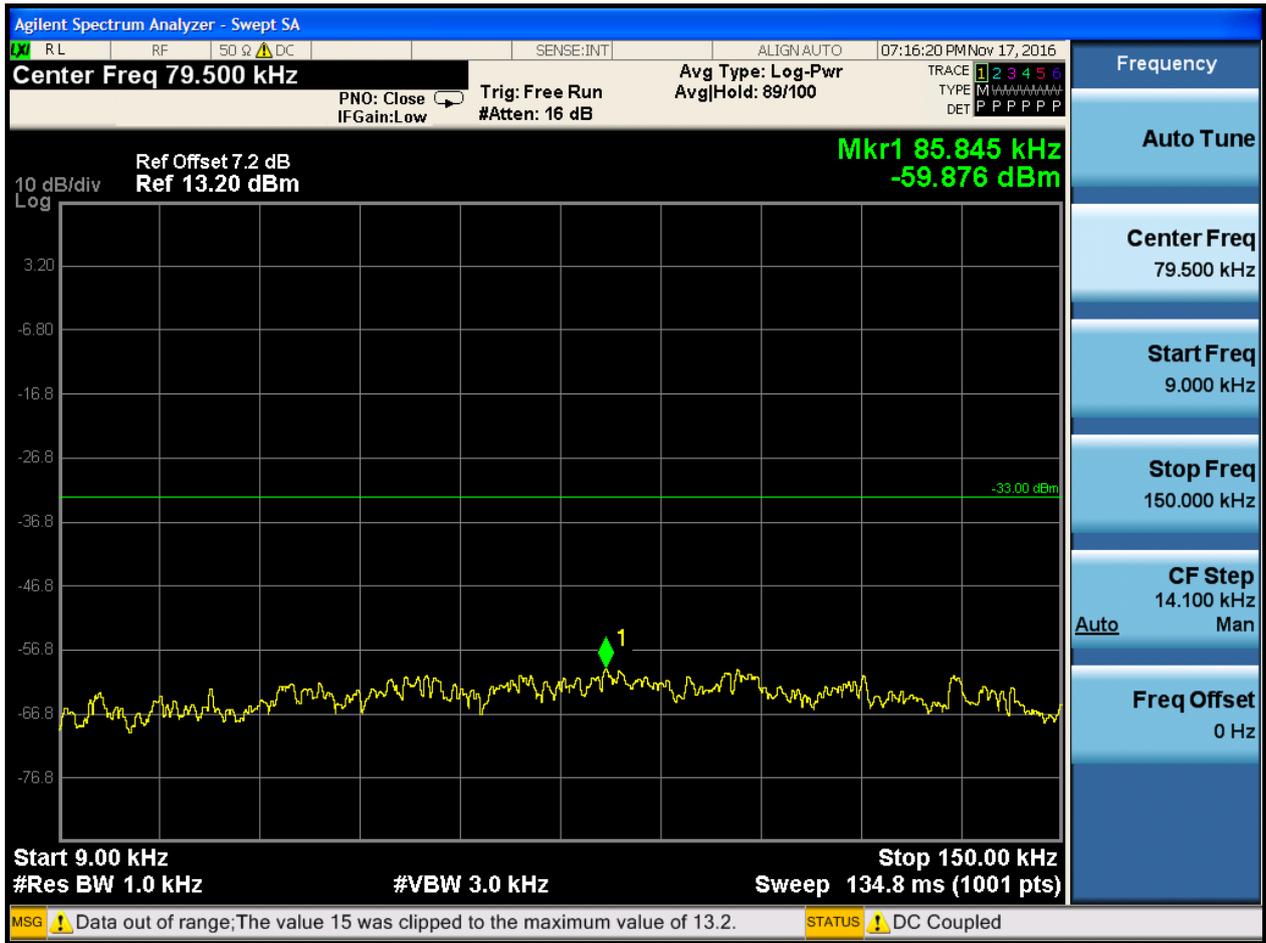
##### 6.1.1 Test Band = BAND5

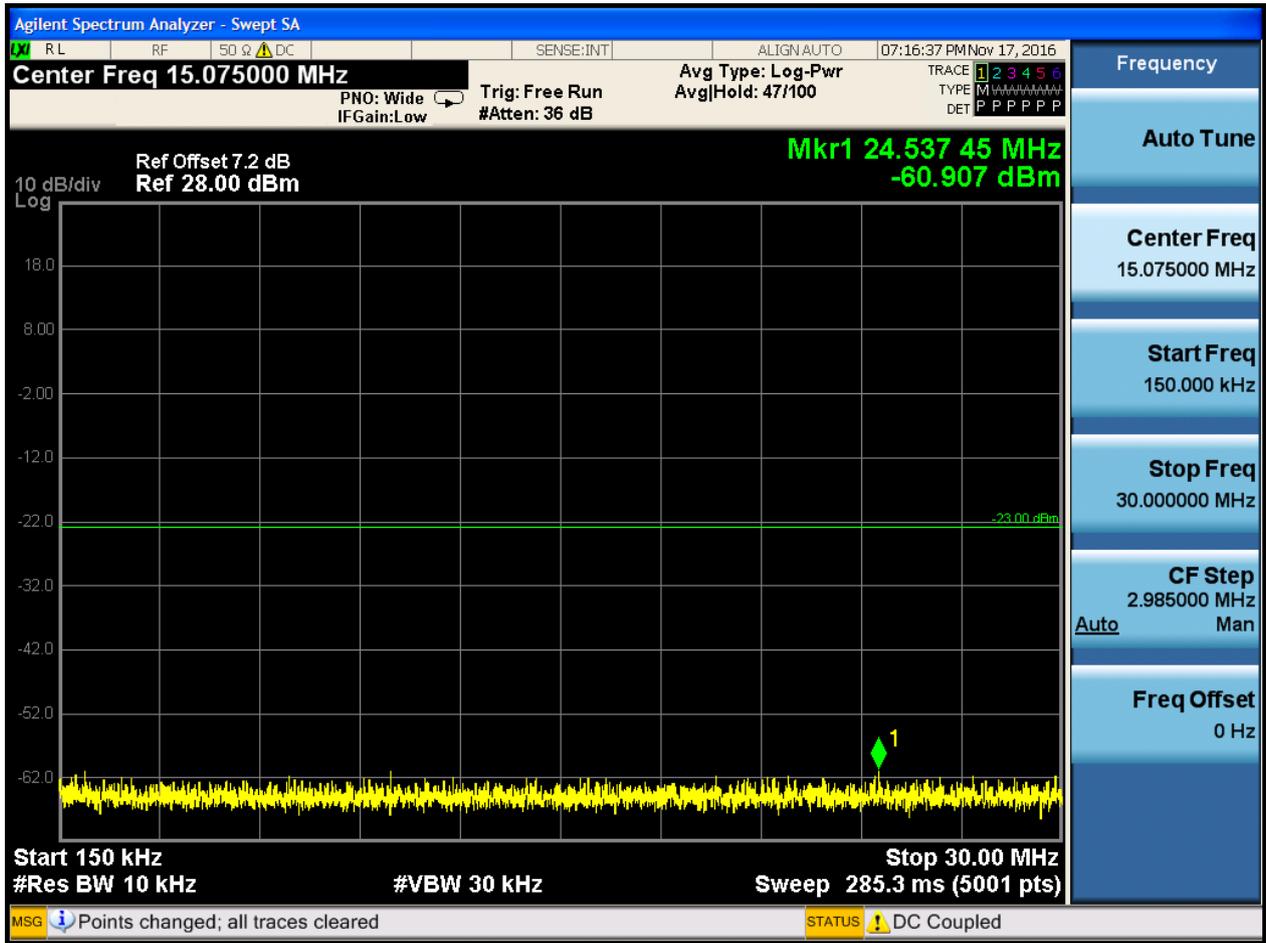
##### 6.1.1.1 Test Mode = LTE/TM1

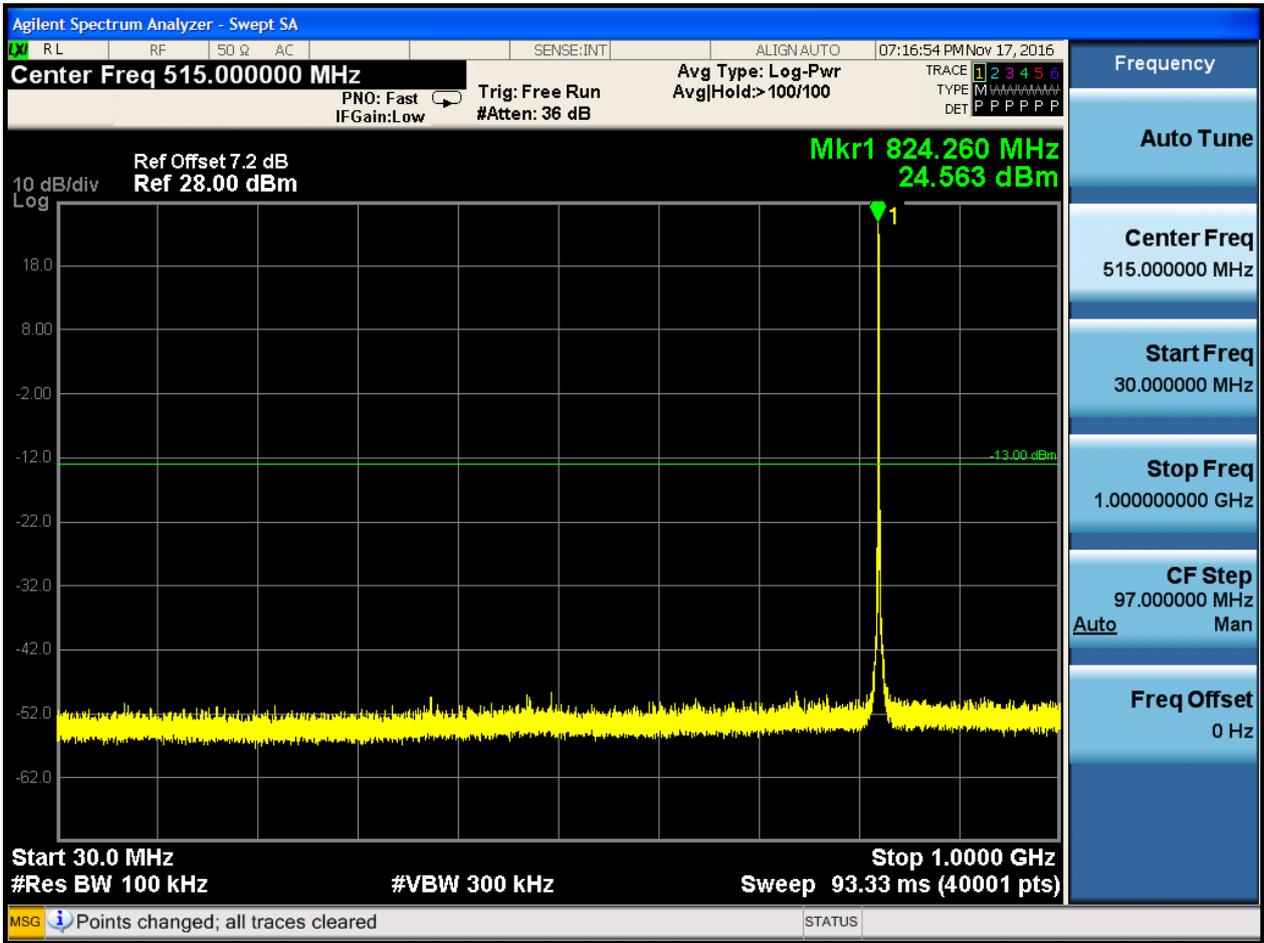
##### 6.1.1.1.1 Test Bandwidth = 1.4

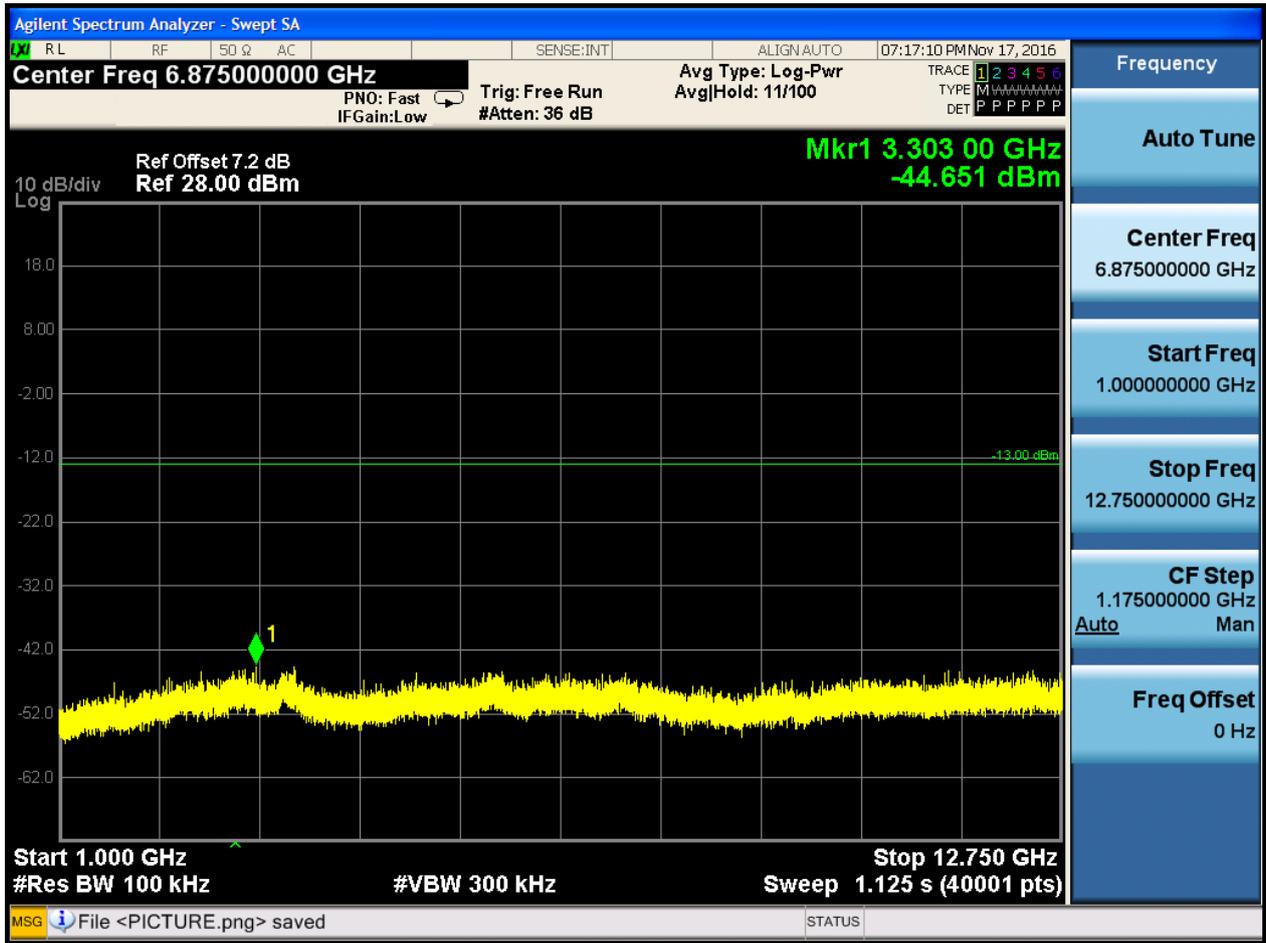
##### 6.1.1.1.1.1 Test Channel = LCH

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





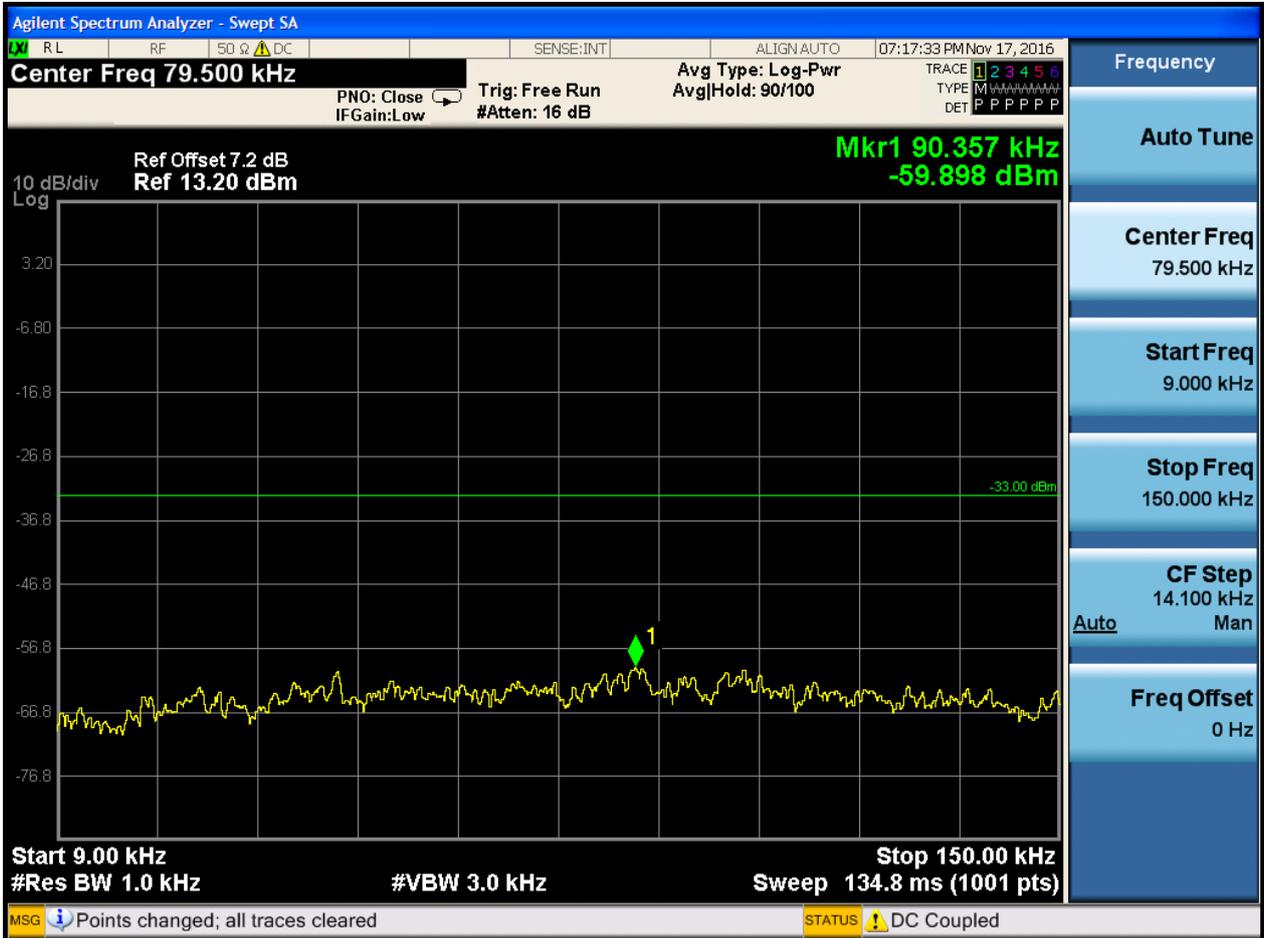


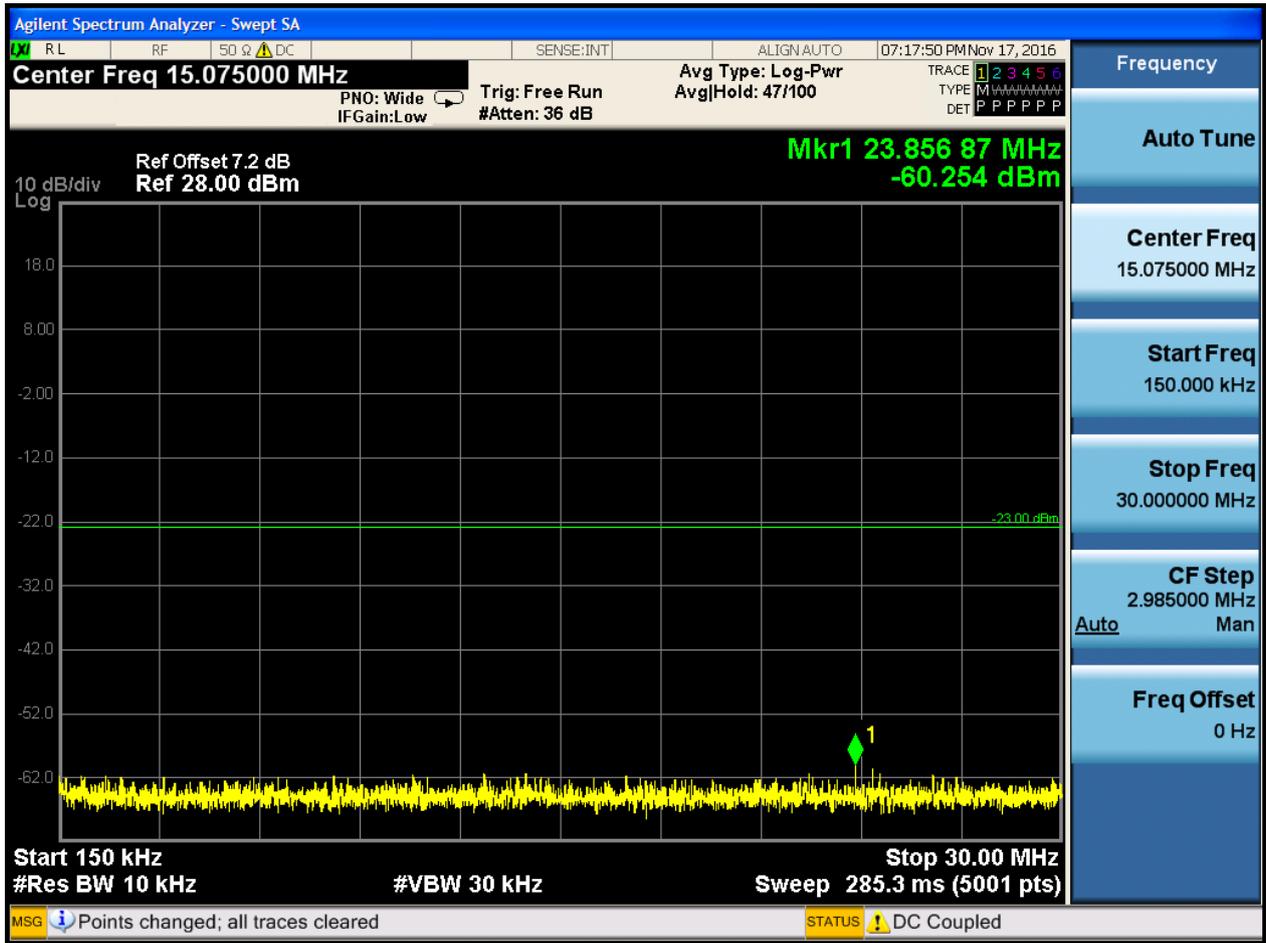




6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0





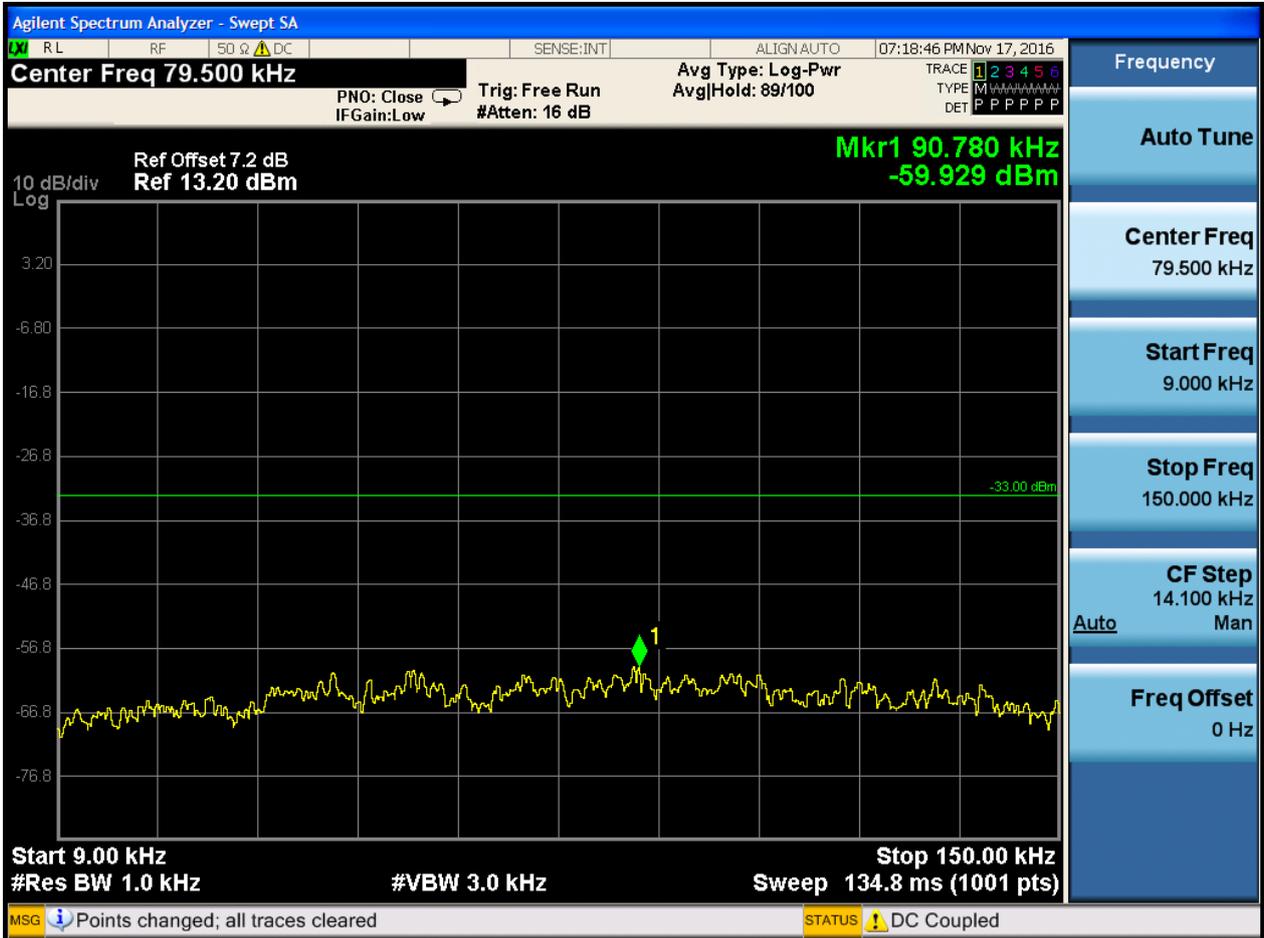


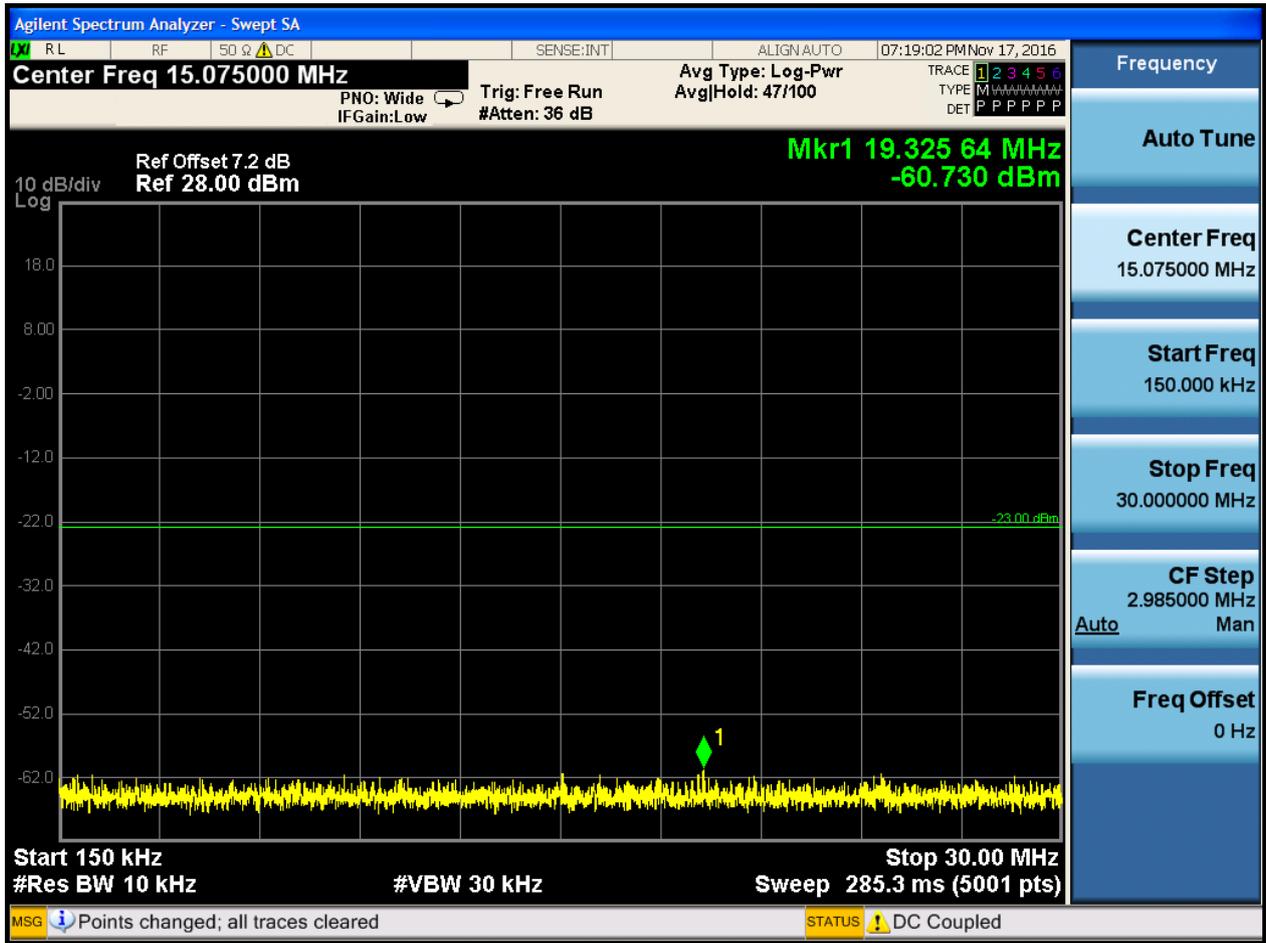


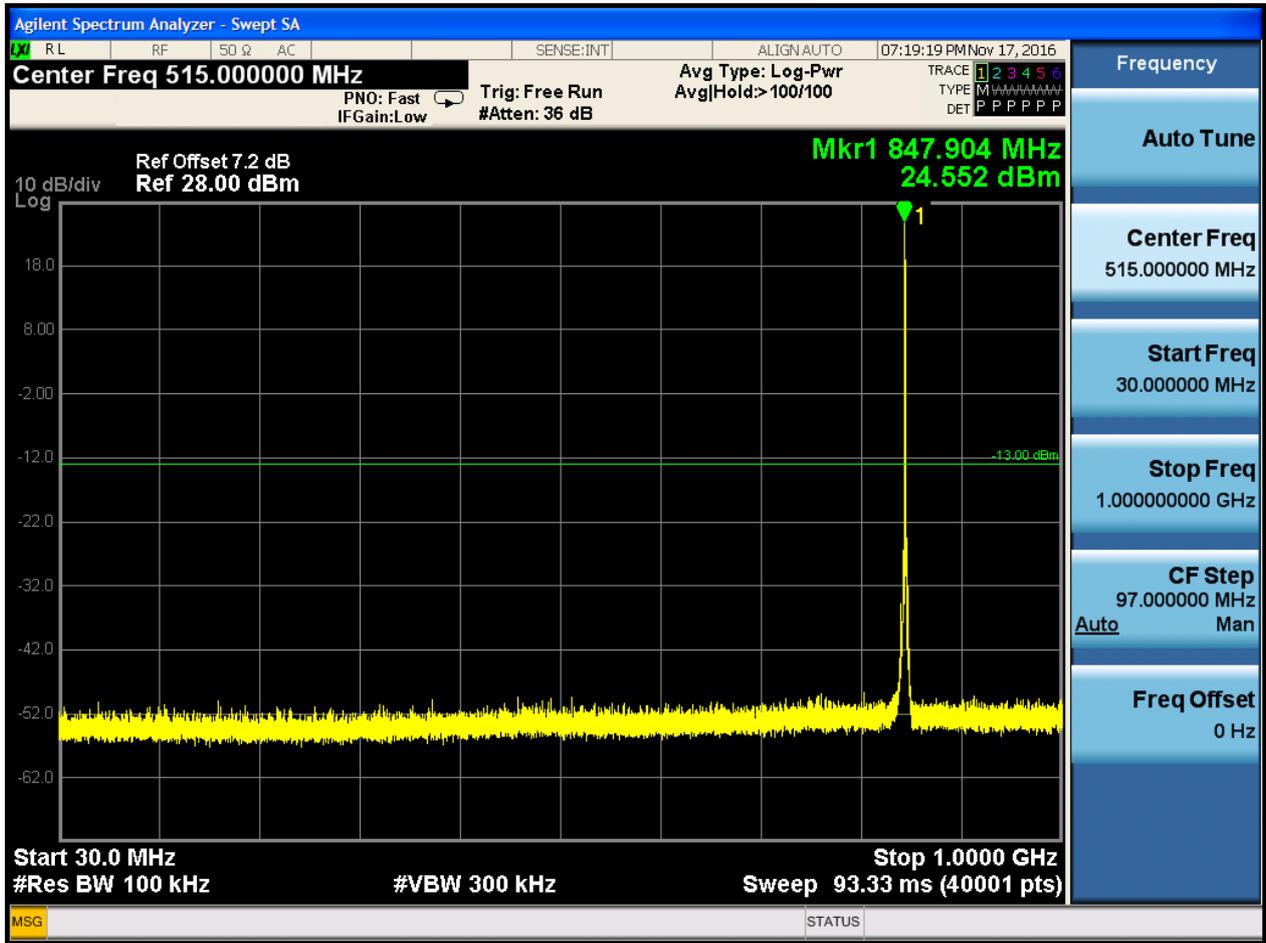


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0

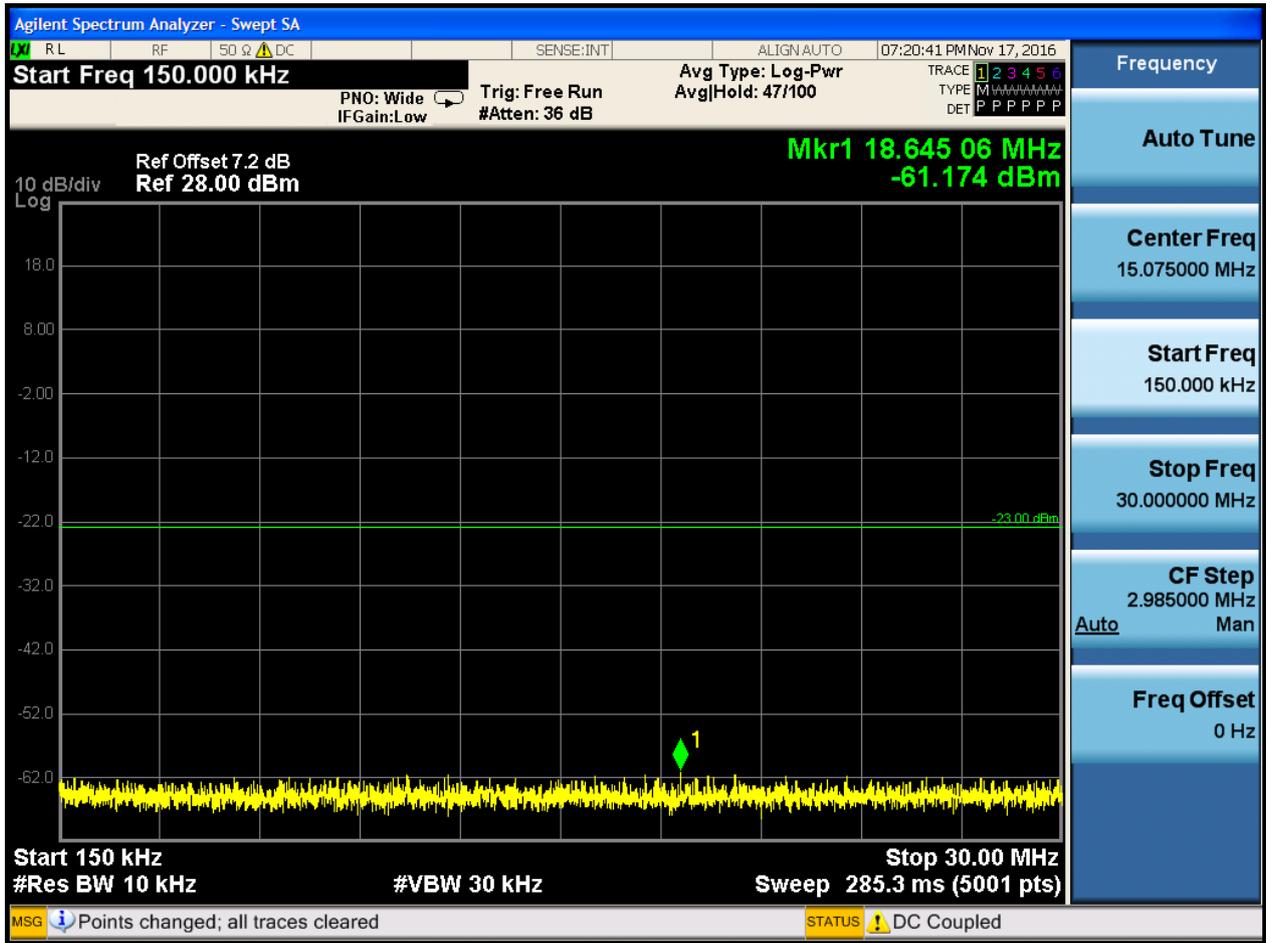




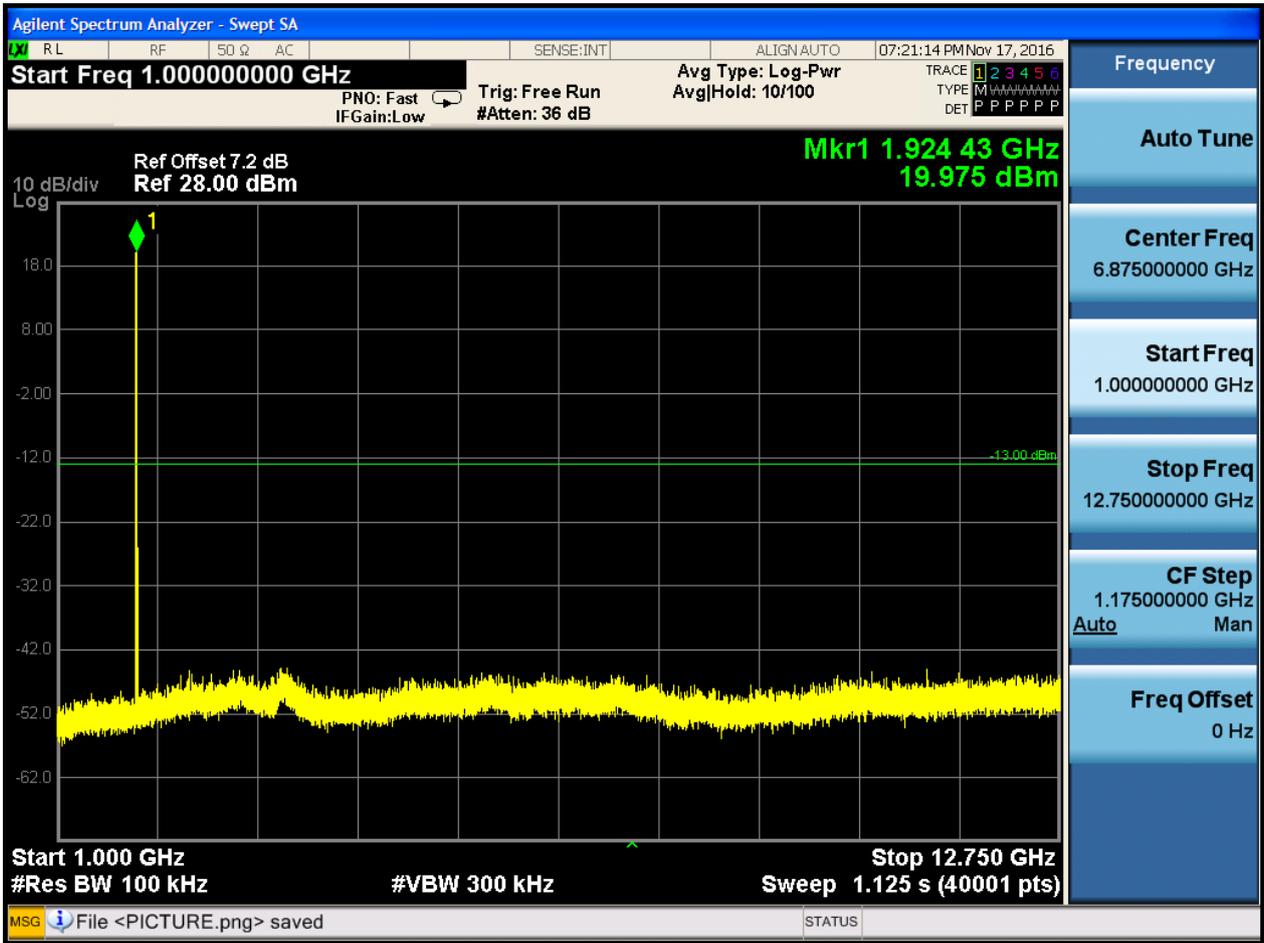














6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

