



# 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	22.53	14.38	34.7	PASS
				RB1#3	22.63	14.48	34.7	PASS
				RB1#5	22.62	14.47	34.7	PASS
				RB3#0	22.56	14.41	34.7	PASS
				RB3#2	22.55	14.4	34.7	PASS
				RB3#3	22.65	14.5	34.7	PASS
				RB6#0	21.67	13.52	34.7	PASS
			MCH	RB1#0	22.42	14.27	34.7	PASS
				RB1#3	22.51	14.36	34.7	PASS
				RB1#5	22.36	14.21	34.7	PASS
				RB3#0	22.43	14.28	34.7	PASS
				RB3#2	22.47	14.32	34.7	PASS
				RB3#3	22.42	14.27	34.7	PASS
				RB6#0	21.64	13.49	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.73	14.58	34.7	PASS
				RB1#3	22.62	14.47	34.7	PASS
				RB1#5	22.28	14.13	34.7	PASS
				RB3#0	22.67	14.52	34.7	PASS
				RB3#2	22.53	14.38	34.7	PASS
				RB3#3	22.39	14.24	34.7	PASS
				RB6#0	21.66	13.51	34.7	PASS
		3	LCH	RB1#0	22.54	14.39	34.7	PASS
				RB1#7	23	14.85	34.7	PASS
				RB1#14	22.81	14.66	34.7	PASS
				RB8#0	21.77	13.62	34.7	PASS
				RB8#4	22.03	13.88	34.7	PASS
				RB8#7	21.95	13.8	34.7	PASS
				RB15#0	21.77	13.62	34.7	PASS
				MCH	RB1#0	22.47	14.32	34.7
RB1#7	22.64	14.49	34.7		PASS			
RB1#14	22.49	14.34	34.7		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.66	13.51	34.7	PASS	
				RB8#4	21.68	13.53	34.7	PASS	
				RB8#7	21.62	13.47	34.7	PASS	
				RB15#0	21.65	13.5	34.7	PASS	
			HCH	RB1#0	22.99	14.84	34.7	PASS	
				RB1#7	22.93	14.78	34.7	PASS	
				RB1#14	22.22	14.07	34.7	PASS	
				RB8#0	22.12	13.97	34.7	PASS	
				RB8#4	21.99	13.84	34.7	PASS	
				RB8#7	21.57	13.42	34.7	PASS	
				RB15#0	21.89	13.74	34.7	PASS	
				5	LCH	RB1#0	22.47	14.32	34.7
			RB1#13			23.01	14.86	34.7	PASS
			RB1#24			23.32	15.17	34.7	PASS
		RB12#0	21.84			13.69	34.7	PASS	
		RB12#6	22.19			14.04	34.7	PASS	
		RB12#13	21.92			13.77	34.7	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.94	13.79	34.7	PASS
			MCH	RB1#0	22.47	14.32	34.7	PASS
				RB1#13	22.55	14.4	34.7	PASS
				RB1#24	23.33	15.18	34.7	PASS
				RB12#0	21.53	13.38	34.7	PASS
				RB12#6	21.57	13.42	34.7	PASS
				RB12#13	21.55	13.4	34.7	PASS
				RB25#0	21.71	13.56	34.7	PASS
				HCH	RB1#0	22.73	14.58	34.7
			RB1#13		23.14	14.99	34.7	PASS
			RB1#24		22.92	14.77	34.7	PASS
			RB12#0		22.21	14.06	34.7	PASS
			RB12#6		22.31	14.16	34.7	PASS
			RB12#13		21.72	13.57	34.7	PASS
			RB25#0		21.94	13.79	34.7	PASS
		10	LCH		RB1#0	22.87	14.72	34.7
				RB1#25	23.24	15.09	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.45	14.3	34.7	PASS
				RB25#0	22.31	14.16	34.7	PASS
				RB25#13	22.18	14.03	34.7	PASS
				RB25#25	22	13.85	34.7	PASS
				RB50#0	22.15	14	34.7	PASS
			MCH	RB1#0	23.12	14.97	34.7	PASS
				RB1#25	23.08	14.93	34.7	PASS
				RB1#49	22.88	14.73	34.7	PASS
				RB25#0	22.12	13.97	34.7	PASS
				RB25#13	22.15	14	34.7	PASS
				RB25#25	22.06	13.91	34.7	PASS
				RB50#0	22.1	13.95	34.7	PASS
				HCH	RB1#0	22.7	14.55	34.7
			RB1#25		23.42	15.27	34.7	PASS
			RB1#49		22.4	14.25	34.7	PASS
			RB25#0		22.11	13.96	34.7	PASS
			RB25#13		22.47	14.32	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.11	13.96	34.7	PASS
				RB50#0	22.22	14.07	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.85	13.7	34.7	PASS
				RB1#3	21.92	13.77	34.7	PASS
				RB1#5	21.87	13.72	34.7	PASS
				RB3#0	21.78	13.63	34.7	PASS
				RB3#2	21.78	13.63	34.7	PASS
				RB3#3	21.66	13.51	34.7	PASS
				RB6#0	20.94	12.79	34.7	PASS
				MCH	RB1#0	21.67	13.52	34.7
			RB1#3		21.77	13.62	34.7	PASS
			RB1#5		21.68	13.53	34.7	PASS
			RB3#0		21.6	13.45	34.7	PASS
			RB3#2		21.72	13.57	34.7	PASS
			HCH	RB3#3	21.59	13.44	34.7	PASS
RB6#0	20.78	12.63		34.7	PASS			
			HCH	RB1#0	21.98	13.83	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB1#3	21.83	13.68	34.7	PASS	
				RB1#5	21.64	13.49	34.7	PASS	
				RB3#0	21.8	13.65	34.7	PASS	
				RB3#2	21.73	13.58	34.7	PASS	
				RB3#3	21.5	13.35	34.7	PASS	
				RB6#0	20.8	12.65	34.7	PASS	
		3	LCH	RB1#0	21.68	13.53	34.7	PASS	
				RB1#7	22.09	13.94	34.7	PASS	
				RB1#14	22.11	13.96	34.7	PASS	
				RB8#0	20.93	12.78	34.7	PASS	
				RB8#4	21.15	13	34.7	PASS	
				RB8#7	20.95	12.8	34.7	PASS	
				RB15#0	20.72	12.57	34.7	PASS	
				MCH	RB1#0	21.52	13.37	34.7	PASS
					RB1#7	21.96	13.81	34.7	PASS
					RB1#14	21.76	13.61	34.7	PASS
RB8#0	20.68	12.53	34.7		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	20.67	12.52	34.7	PASS
				RB8#7	20.61	12.46	34.7	PASS
				RB15#0	20.7	12.55	34.7	PASS
			HCH	RB1#0	22.18	14.03	34.7	PASS
				RB1#7	22.04	13.89	34.7	PASS
				RB1#14	21.38	13.23	34.7	PASS
				RB8#0	21.11	12.96	34.7	PASS
				RB8#4	20.99	12.84	34.7	PASS
				RB8#7	20.58	12.43	34.7	PASS
				RB15#0	20.85	12.7	34.7	PASS
					RB1#0	21.48	13.33	34.7
		5	LCH	RB1#13	22.16	14.01	34.7	PASS
				RB1#24	22.34	14.19	34.7	PASS
				RB12#0	20.87	12.72	34.7	PASS
				RB12#6	21.15	13	34.7	PASS
				RB12#13	20.86	12.71	34.7	PASS
				RB25#0	20.89	12.74	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.59	13.44	34.7	PASS
				RB1#13	21.77	13.62	34.7	PASS
				RB1#24	22.45	14.3	34.7	PASS
				RB12#0	20.58	12.43	34.7	PASS
				RB12#6	20.61	12.46	34.7	PASS
				RB12#13	20.54	12.39	34.7	PASS
				RB25#0	20.73	12.58	34.7	PASS
			HCH	RB1#0	21.69	13.54	34.7	PASS
				RB1#13	22.18	14.03	34.7	PASS
				RB1#24	21.98	13.83	34.7	PASS
				RB12#0	21.23	13.08	34.7	PASS
				RB12#6	21.27	13.12	34.7	PASS
				RB12#13	20.73	12.58	34.7	PASS
				RB25#0	20.91	12.76	34.7	PASS
		10	LCH	RB1#0	21.84	13.69	34.7	PASS
RB1#25	22.21			14.06	34.7	PASS		
RB1#49	21.49			13.34	34.7	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.4	13.25	34.7	PASS
				RB25#13	21.21	13.06	34.7	PASS
				RB25#25	20.98	12.83	34.7	PASS
				RB50#0	21.19	13.04	34.7	PASS
			MCH	RB1#0	22.32	14.17	34.7	PASS
			MCH	RB1#25	22.22	14.07	34.7	PASS
			MCH	RB1#49	21.93	13.78	34.7	PASS
			MCH	RB25#0	21.2	13.05	34.7	PASS
			MCH	RB25#13	21.17	13.02	34.7	PASS
			MCH	RB25#25	21.01	12.86	34.7	PASS
			MCH	RB50#0	21.07	12.92	34.7	PASS
			HCH	RB1#0	21.95	13.8	34.7	PASS
			HCH	RB1#25	22.32	14.17	34.7	PASS
			HCH	RB1#49	21.64	13.49	34.7	PASS
			HCH	RB25#0	21.1	12.95	34.7	PASS
			HCH	RB25#13	21.53	13.38	34.7	PASS
			HCH	RB25#25	21.1	12.95	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.25	13.1	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	4.41	13	PASS
				RB1#3	4.4	13	PASS
				RB1#5	4.59	13	PASS
				RB3#0	4.58	13	PASS
				RB3#2	4.66	13	PASS
				RB3#3	4.81	13	PASS
			RB6#0	5.63	13	PASS	
			MCH	RB1#0	4.23	13	PASS
				RB1#3	4.49	13	PASS
				RB1#5	4.51	13	PASS
				RB3#0	5.06	13	PASS
				RB3#2	4.95	13	PASS
				RB3#3	4.67	13	PASS
			HCH	RB6#0	5.6	13	PASS
				RB1#0	4.67	13	PASS
				RB1#3	4.69	13	PASS
				RB1#5	5.06	13	PASS
				RB3#0	5.11	13	PASS
		RB3#2		5.27	13	PASS	
		3	LCH	RB3#3	5.3	13	PASS
				RB6#0	5.88	13	PASS
				RB1#0	4.34	13	PASS
				RB1#7	4.25	13	PASS
				RB1#14	4.45	13	PASS
				RB8#0	5.26	13	PASS
			MCH	RB8#4	5.22	13	PASS
				RB8#7	5.46	13	PASS
				RB15#0	5.61	13	PASS
				RB1#0	4.45	13	PASS
				RB1#7	4.19	13	PASS
RB1#14	4.29			13	PASS		
RB8#0	5.54	13	PASS				
RB8#4	5.43	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.46	13	PASS
				RB15#0	5.73	13	PASS
			HCH	RB1#0	4.13	13	PASS
				RB1#7	4.24	13	PASS
				RB1#14	4.75	13	PASS
				RB8#0	5.31	13	PASS
				RB8#4	5.35	13	PASS
				RB8#7	5.5	13	PASS
		RB15#0	5.47	13	PASS		
		5	LCH	RB1#0	4.62	13	PASS
				RB1#13	4.52	13	PASS
				RB1#24	4.38	13	PASS
				RB12#0	5.39	13	PASS
				RB12#6	5.29	13	PASS
				RB12#13	5.48	13	PASS
				RB25#0	5.56	13	PASS
			MCH	RB1#0	4.67	13	PASS
				RB1#13	4.44	13	PASS
				RB1#24	4.2	13	PASS
				RB12#0	5.54	13	PASS
				RB12#6	5.41	13	PASS
				RB12#13	5.58	13	PASS
				RB25#0	5.85	13	PASS
		HCH	RB1#0	4.4	13	PASS	
			RB1#13	4.08	13	PASS	
			RB1#24	4.33	13	PASS	
			RB12#0	5.24	13	PASS	
			RB12#6	5.03	13	PASS	
			RB12#13	5.5	13	PASS	
			RB25#0	5.49	13	PASS	
		10	LCH	RB1#0	4.28	13	PASS
RB1#25	4.5			13	PASS		
RB1#49	4.58			13	PASS		
RB25#0	5.28			13	PASS		
RB25#13	5.46			13	PASS		
RB25#25	5.58			13	PASS		
RB50#0	5.57			13	PASS		
MCH	RB1#0		4.5	13	PASS		
RB1#25	4.31	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#49	4.39	13	PASS			
				RB25#0	5.68	13	PASS			
				RB25#13	5.33	13	PASS			
				RB25#25	5.62	13	PASS			
				RB50#0	6.11	13	PASS			
			HCH	RB1#0	4.44	13	PASS			
				RB1#25	3.89	13	PASS			
				RB1#49	4.56	13	PASS			
				RB25#0	5.64	13	PASS			
				RB25#13	5.23	13	PASS			
				RB25#25	5.42	13	PASS			
					1.4	LCH	RB1#0	4.99	13	PASS
							RB1#3	4.99	13	PASS
							RB1#5	5.08	13	PASS
							RB3#0	5.48	13	PASS
	RB3#2	5.38					13	PASS		
	RB3#3	5.66					13	PASS		
	RB6#0	6.08					13	PASS		
	MCH	RB1#0				5.32	13	PASS		
		RB1#3				5.55	13	PASS		
		RB1#5				5.33	13	PASS		
		RB3#0				5.85	13	PASS		
		RB3#2				5.74	13	PASS		
		RB3#3				5.58	13	PASS		
		RB6#0				6.39	13	PASS		
	HCH	RB1#0				5.43	13	PASS		
		RB1#3	5.59	13	PASS					
		RB1#5	5.74	13	PASS					
		RB3#0	5.7	13	PASS					
		RB3#2	5.69	13	PASS					
RB3#3		5.96	13	PASS						
RB6#0		6.01	13	PASS						
		3	LCH	RB1#0	5.11	13	PASS			
				RB1#7	4.81	13	PASS			
				RB1#14	5.53	13	PASS			
				RB8#0	6.07	13	PASS			
				RB8#4	5.99	13	PASS			
				RB8#7	6.25	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB15#0	6.4	13	PASS	
			MCH	RB1#0	5.34	13	PASS	
				RB1#7	5.66	13	PASS	
				RB1#14	5.32	13	PASS	
				RB8#0	6.44	13	PASS	
				RB8#4	6.31	13	PASS	
				RB8#7	6.35	13	PASS	
				RB15#0	6.37	13	PASS	
			HCH	RB1#0	4.92	13	PASS	
				RB1#7	5.44	13	PASS	
				RB1#14	5.87	13	PASS	
				RB8#0	5.84	13	PASS	
				RB8#4	5.76	13	PASS	
				RB8#7	6.08	13	PASS	
		5	LCH		RB1#0	5.47	13	PASS
					RB1#13	5.19	13	PASS
					RB1#24	5.11	13	PASS
					RB12#0	6.06	13	PASS
					RB12#6	6.06	13	PASS
					RB12#13	5.89	13	PASS
					RB25#0	6.33	13	PASS
			MCH	RB1#0	5.61	13	PASS	
				RB1#13	5.43	13	PASS	
				RB1#24	4.98	13	PASS	
				RB12#0	6.06	13	PASS	
				RB12#6	6.03	13	PASS	
				RB12#13	6.12	13	PASS	
				RB25#0	6.41	13	PASS	
		HCH	RB1#0	5	13	PASS		
			RB1#13	4.71	13	PASS		
			RB1#24	5.16	13	PASS		
			RB12#0	6	13	PASS		
			RB12#6	5.88	13	PASS		
			RB12#13	5.95	13	PASS		
			RB25#0	6.36	13	PASS		
		10	LCH	RB1#0	4.78	13	PASS	
				RB1#25	5.42	13	PASS	
				RB1#49	4.91	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.04	13	PASS
				RB25#13	6.28	13	PASS
				RB25#25	6.23	13	PASS
				RB50#0	6.39	13	PASS
			MCH	RB1#0	4.94	13	PASS
				RB1#25	5.15	13	PASS
				RB1#49	4.98	13	PASS
				RB25#0	6.46	13	PASS
				RB25#13	6.13	13	PASS
				RB25#25	6.27	13	PASS
				RB50#0	6.72	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	5.12	13	PASS
				RB25#0	6.22	13	PASS
				RB25#13	5.97	13	PASS
				RB25#25	6.25	13	PASS
				RB50#0	6.71	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

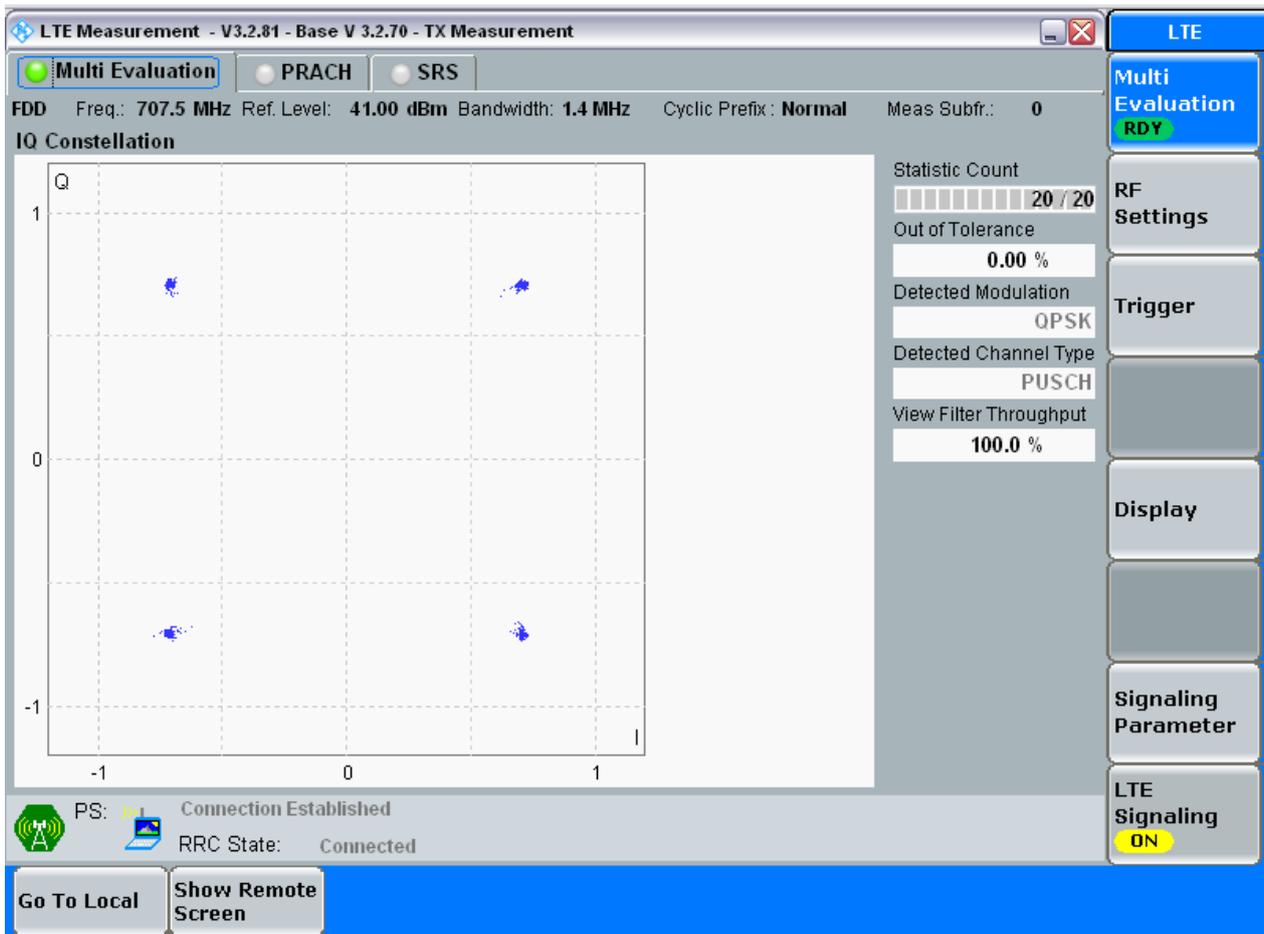
##### 3.1.1 Test Band = BAND12

##### 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

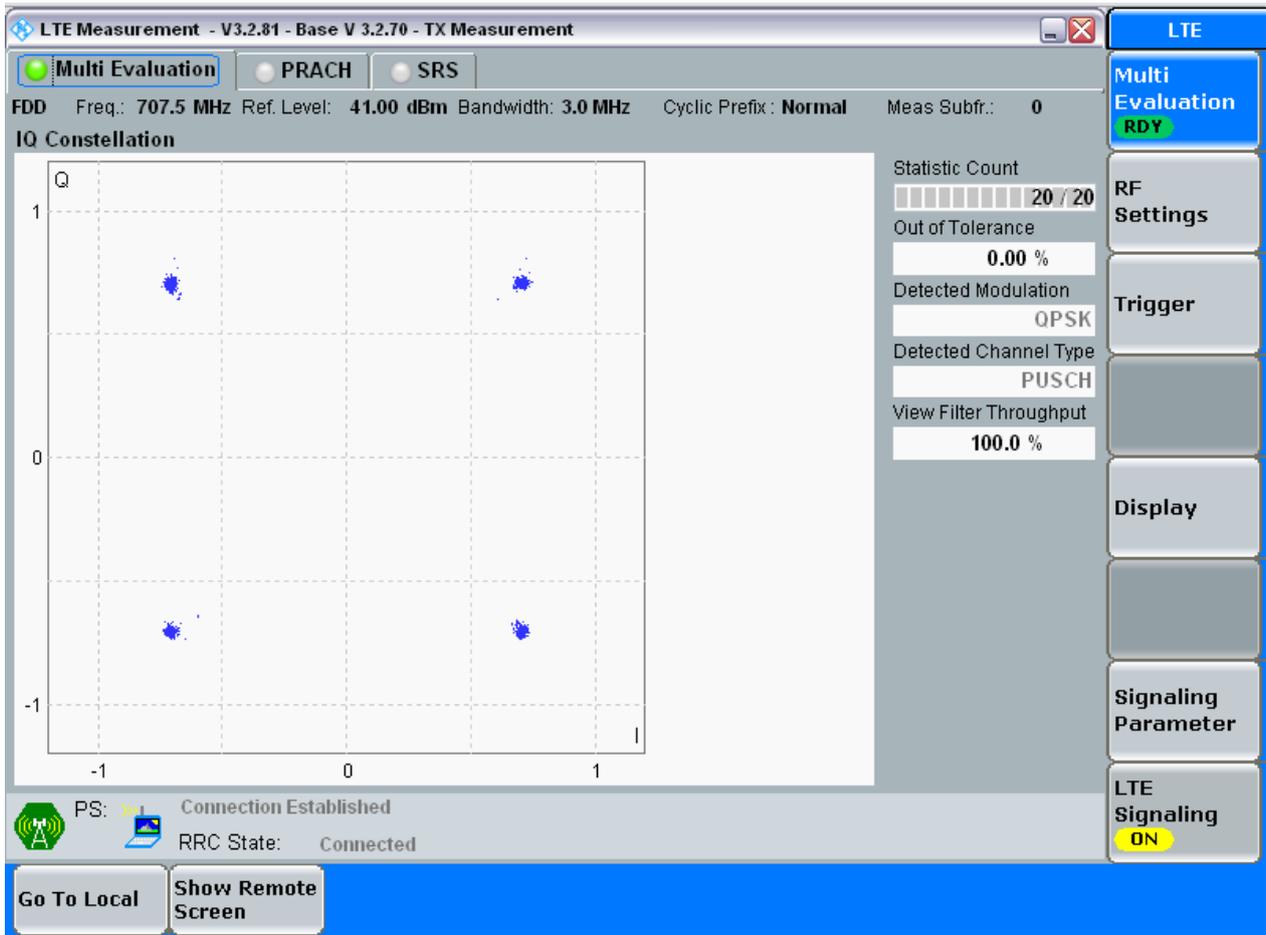
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

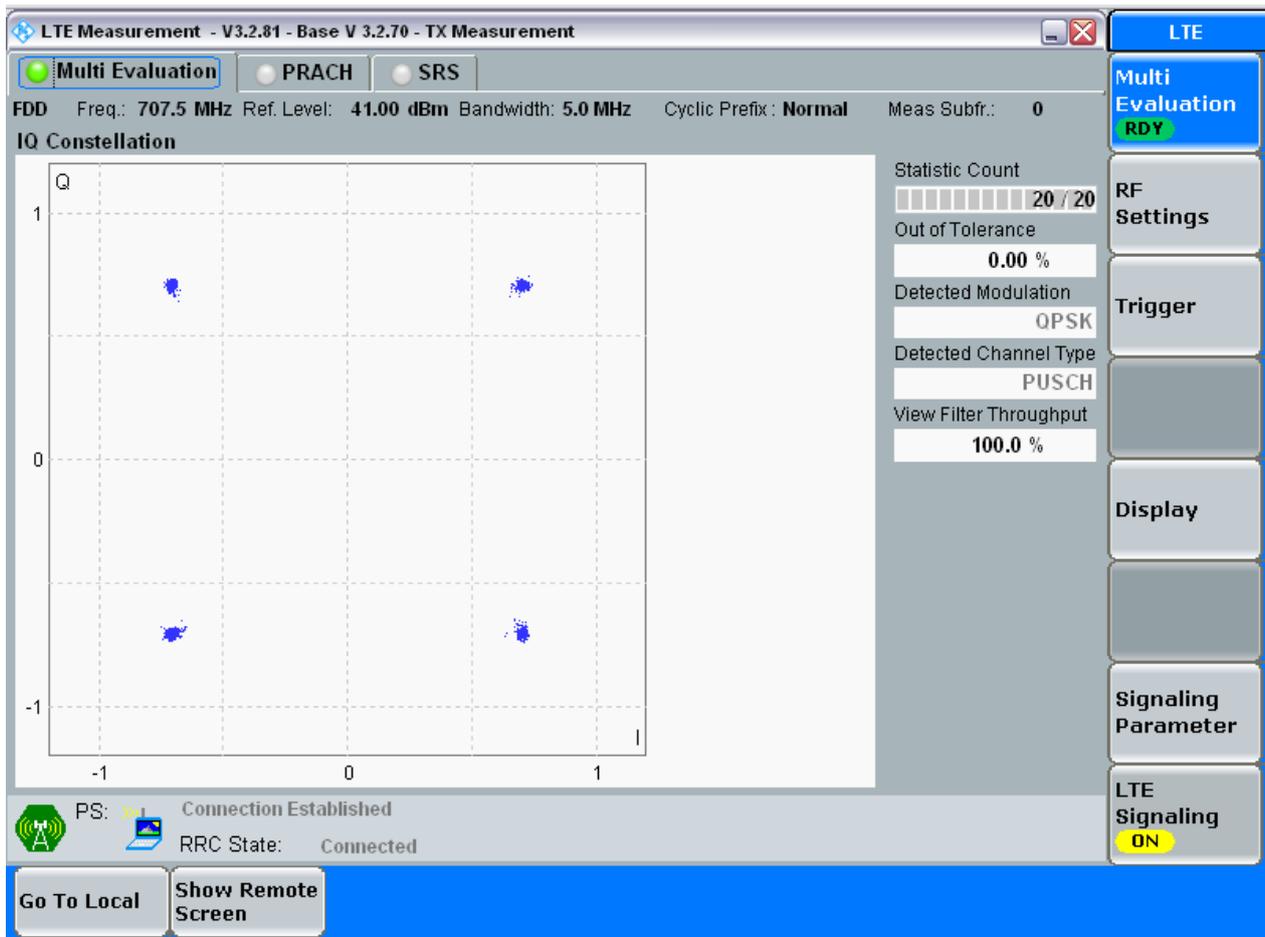
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

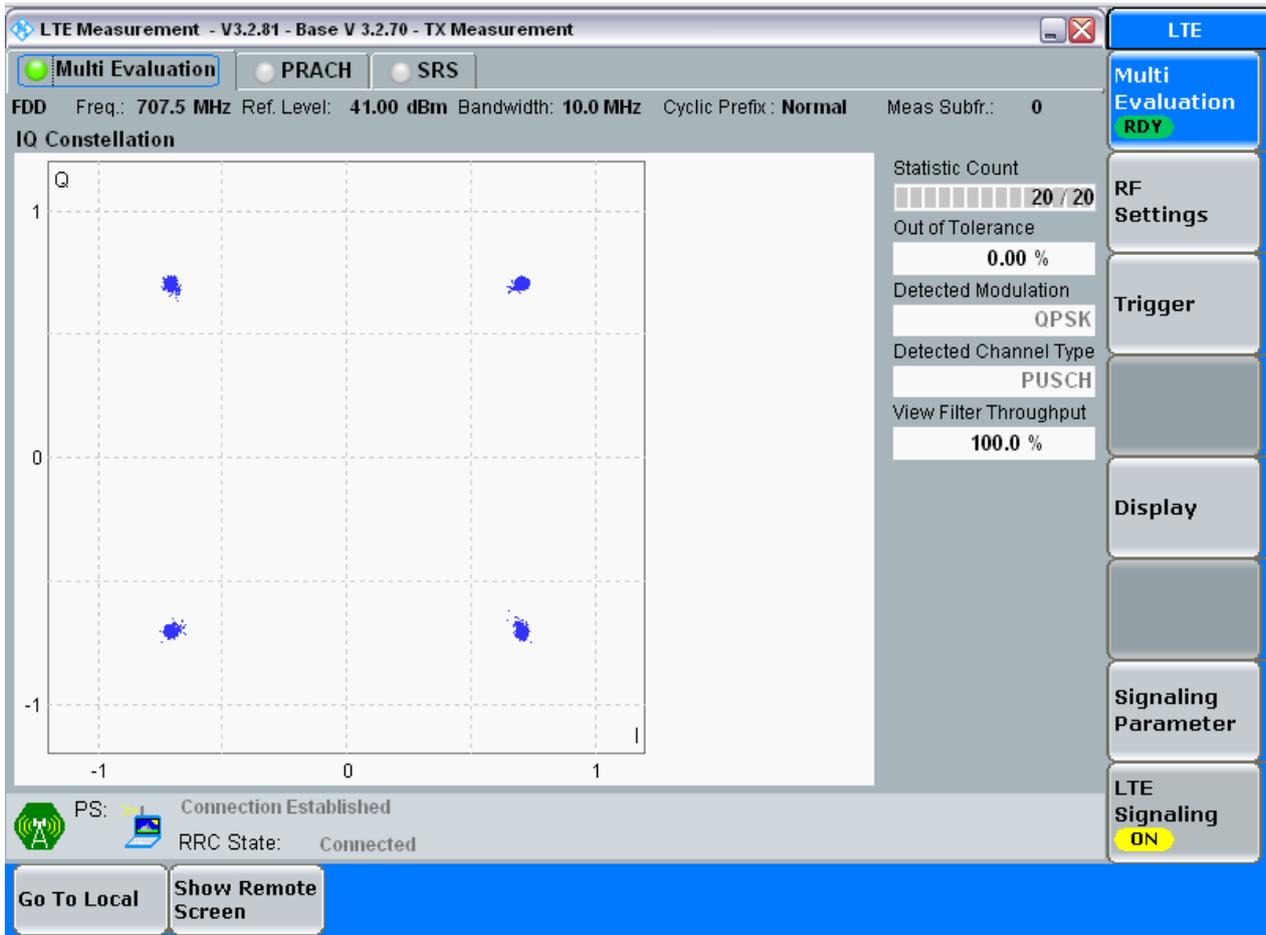
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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

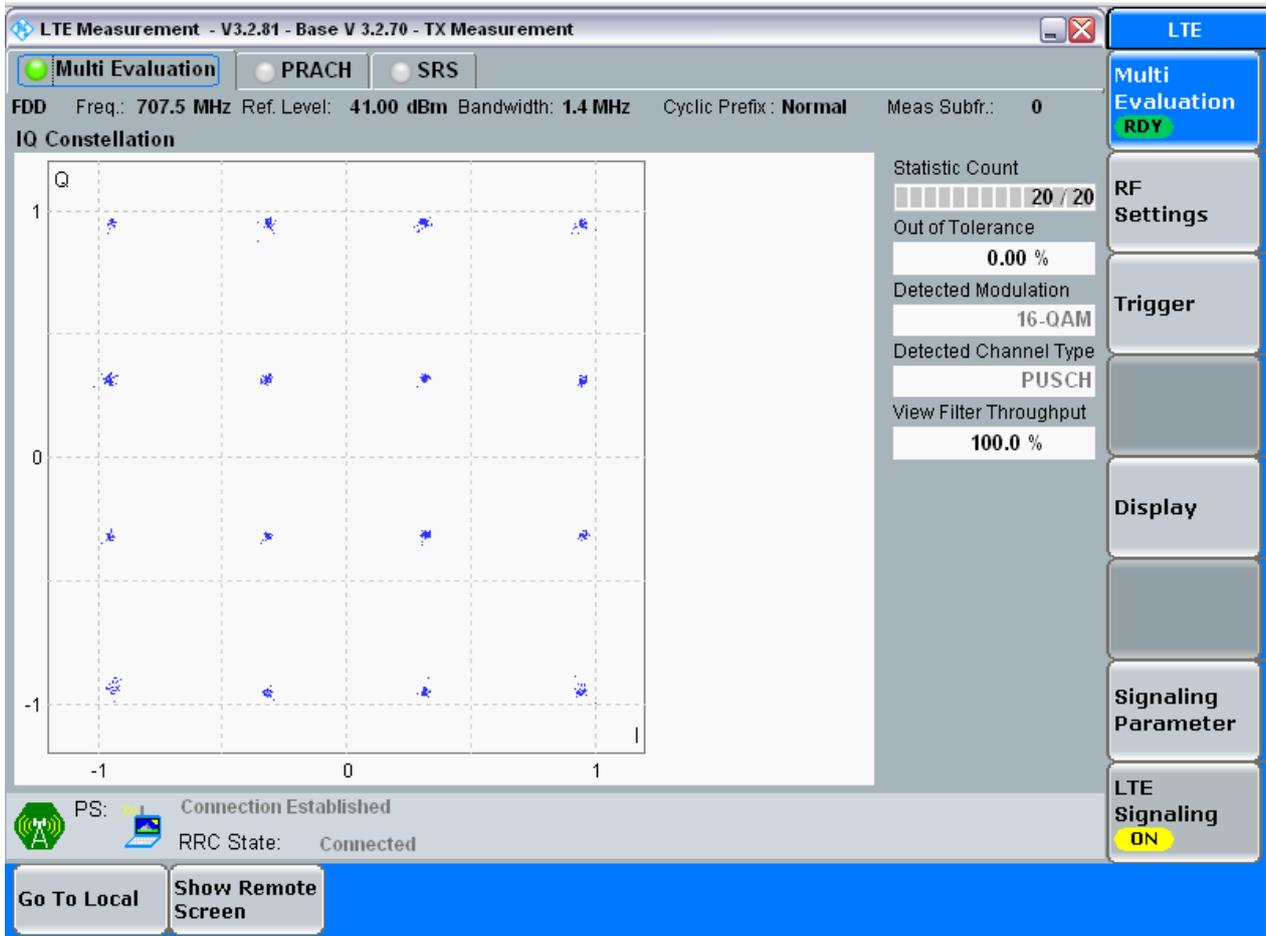


### 3.1.1.2 Test Mode = LTE/TM2

#### 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

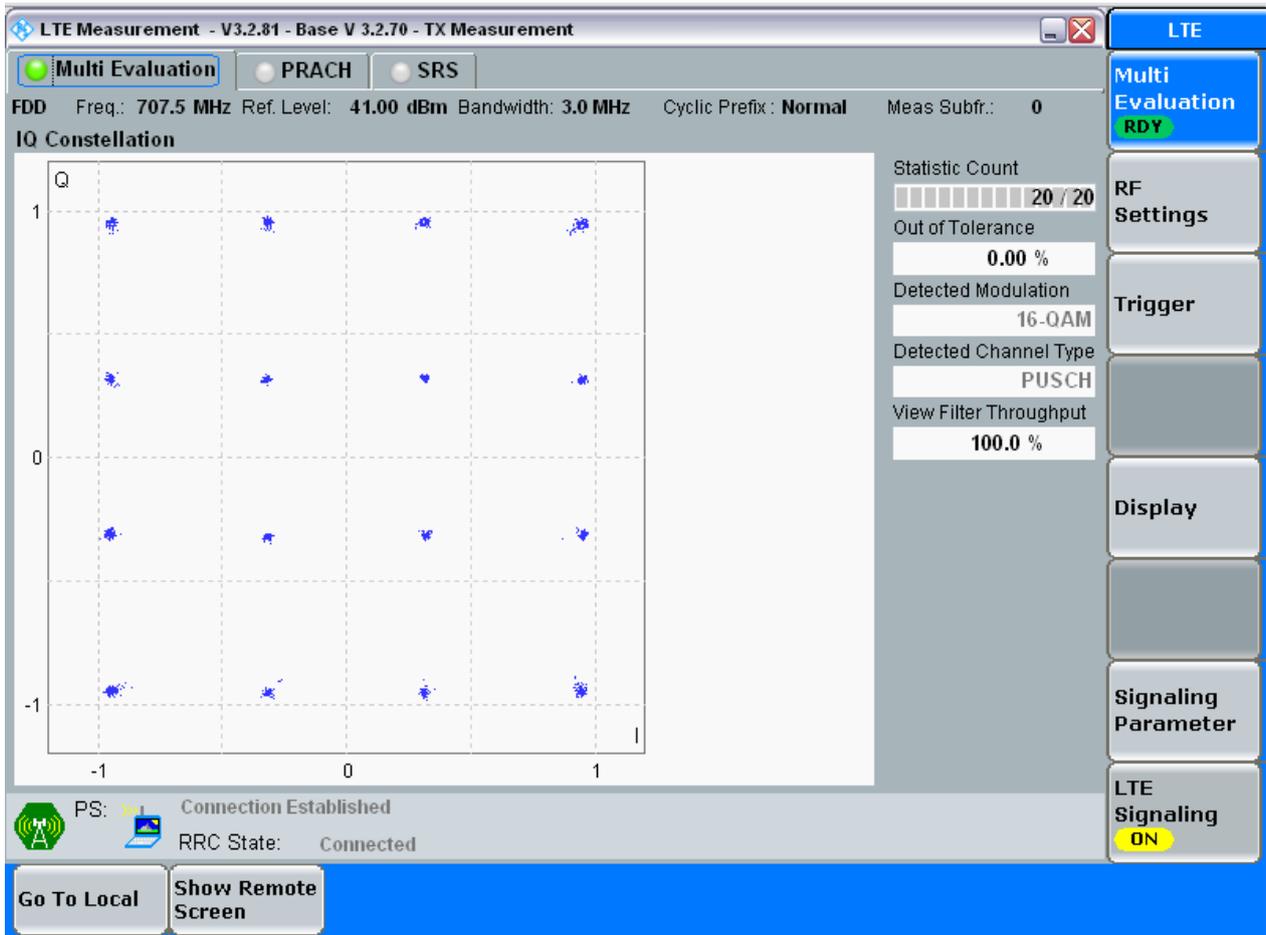




### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

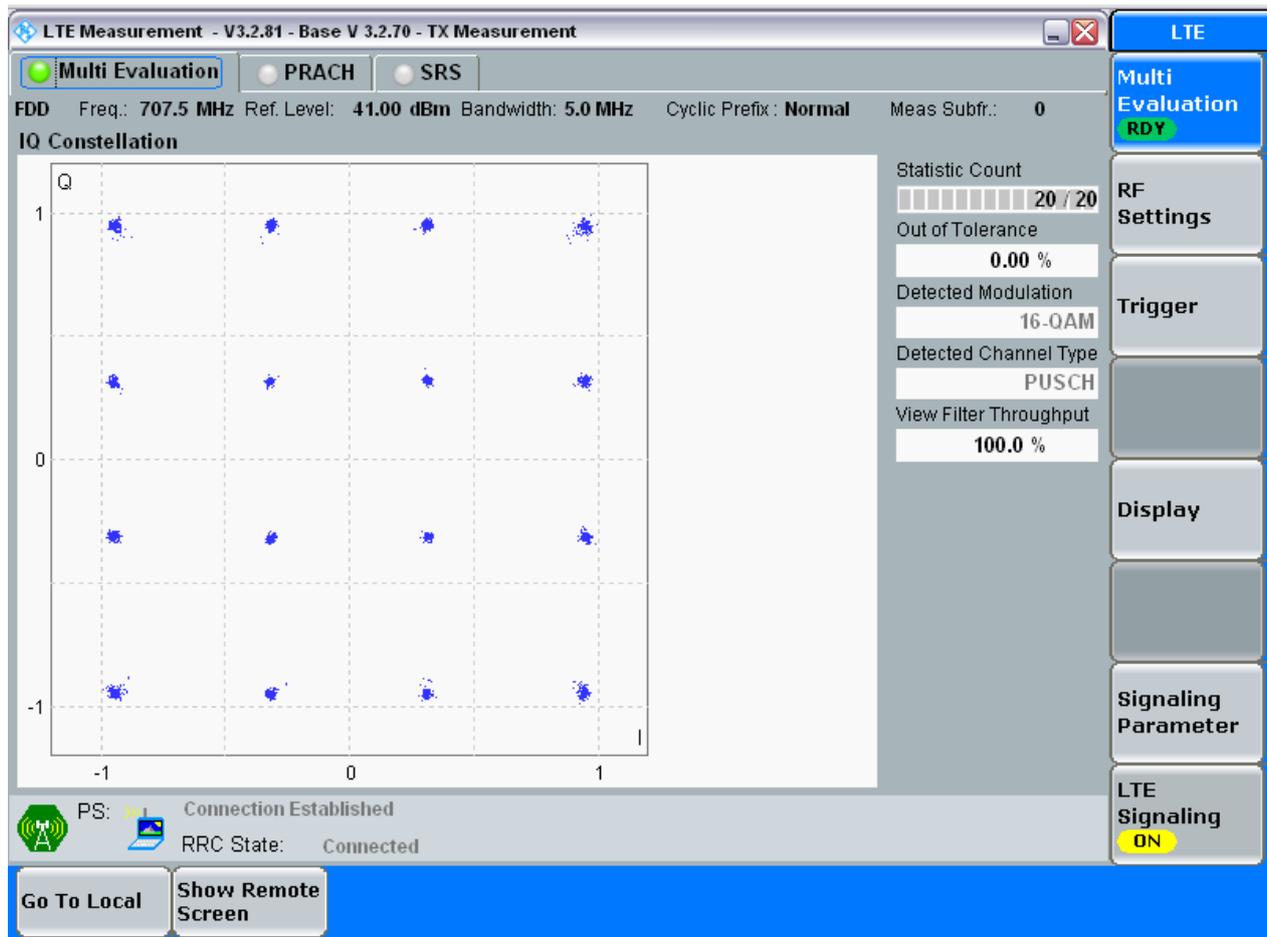
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

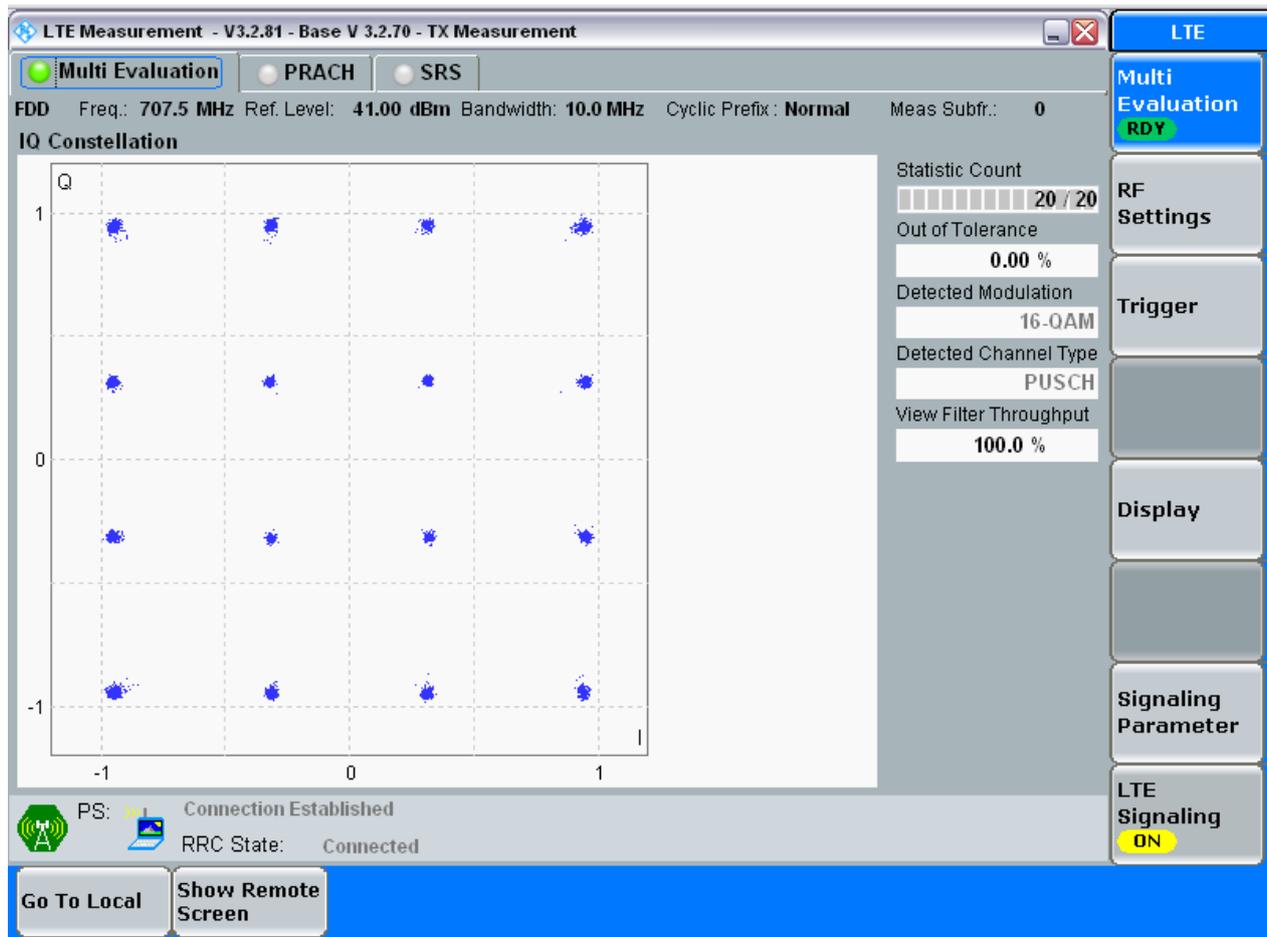
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 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	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.49	4.86	Pass
			MCH	RB25#0	4.51	4.87	Pass
			HCH	RB25#0	4.49	4.83	Pass
		10	LCH	RB50#0	8.95	9.54	Pass
			MCH	RB50#0	9.01	9.66	Pass
			HCH	RB50#0	8.98	9.62	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	8.94	9.56	Pass
			MCH	RB50#0	9.01	9.66	Pass
			HCH	RB50#0	8.98	9.55	Pass



Part II - Test Plots

4.1 For LTE

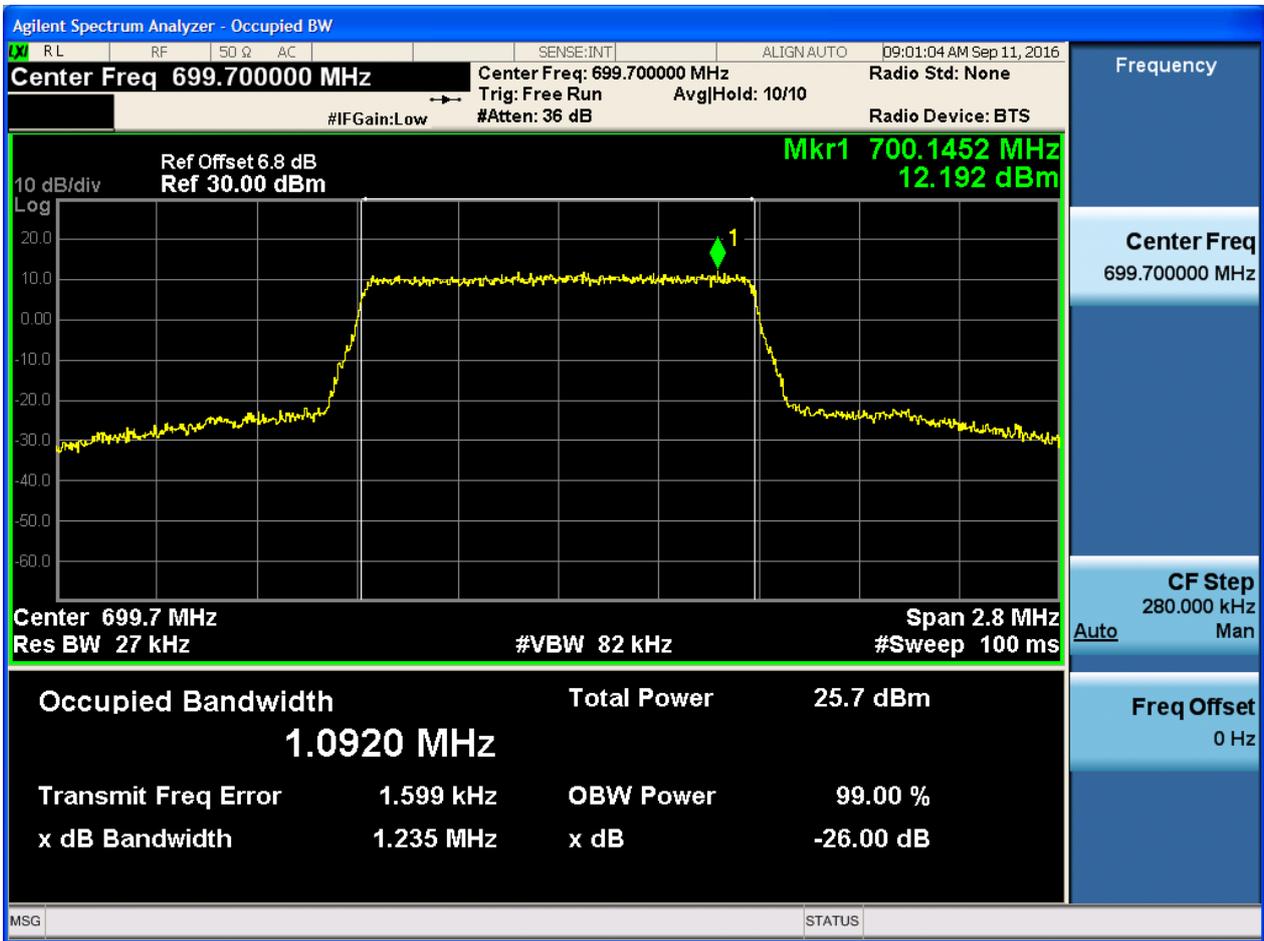
4.1.1 Test Band = BAND12

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

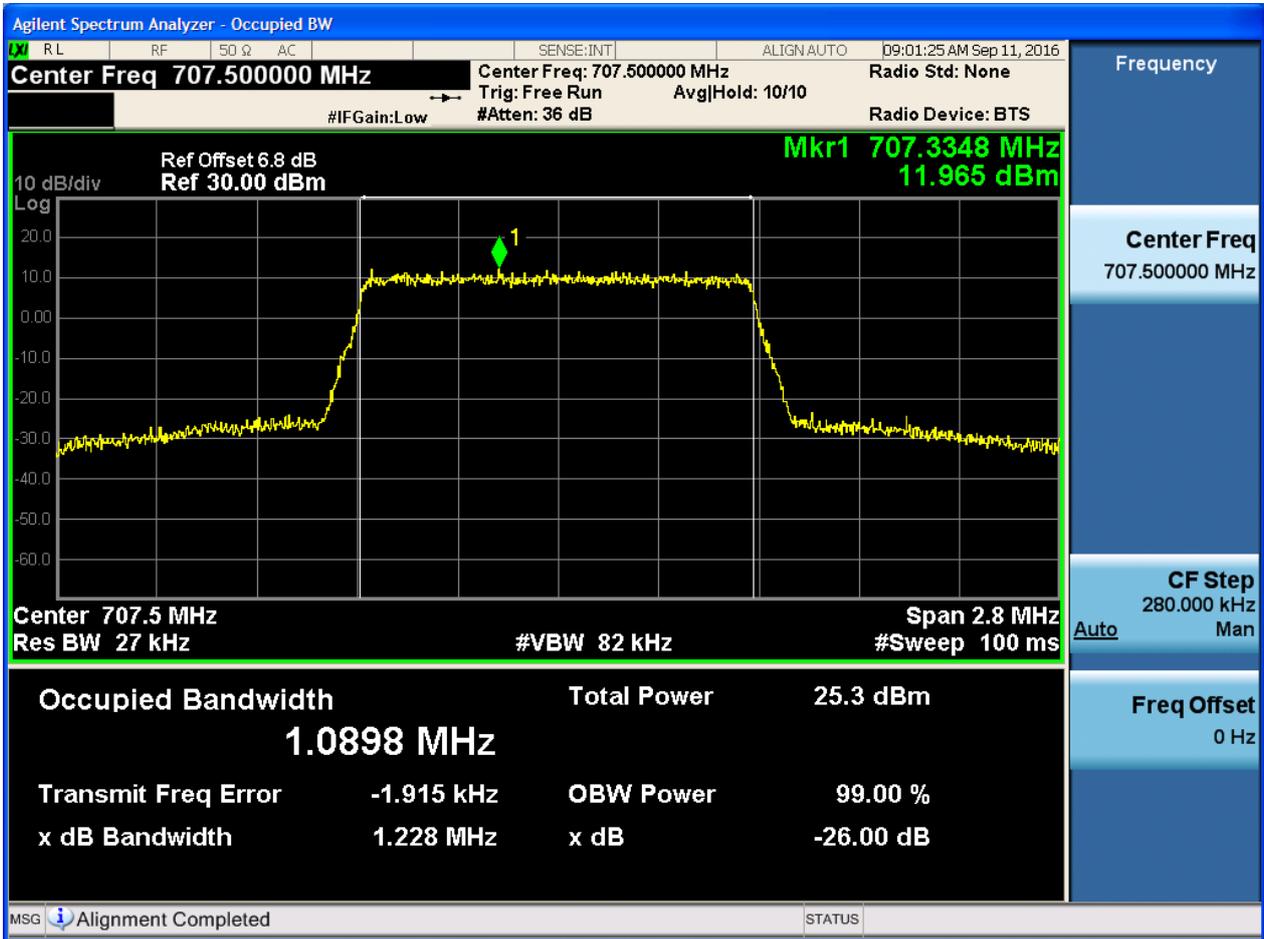
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

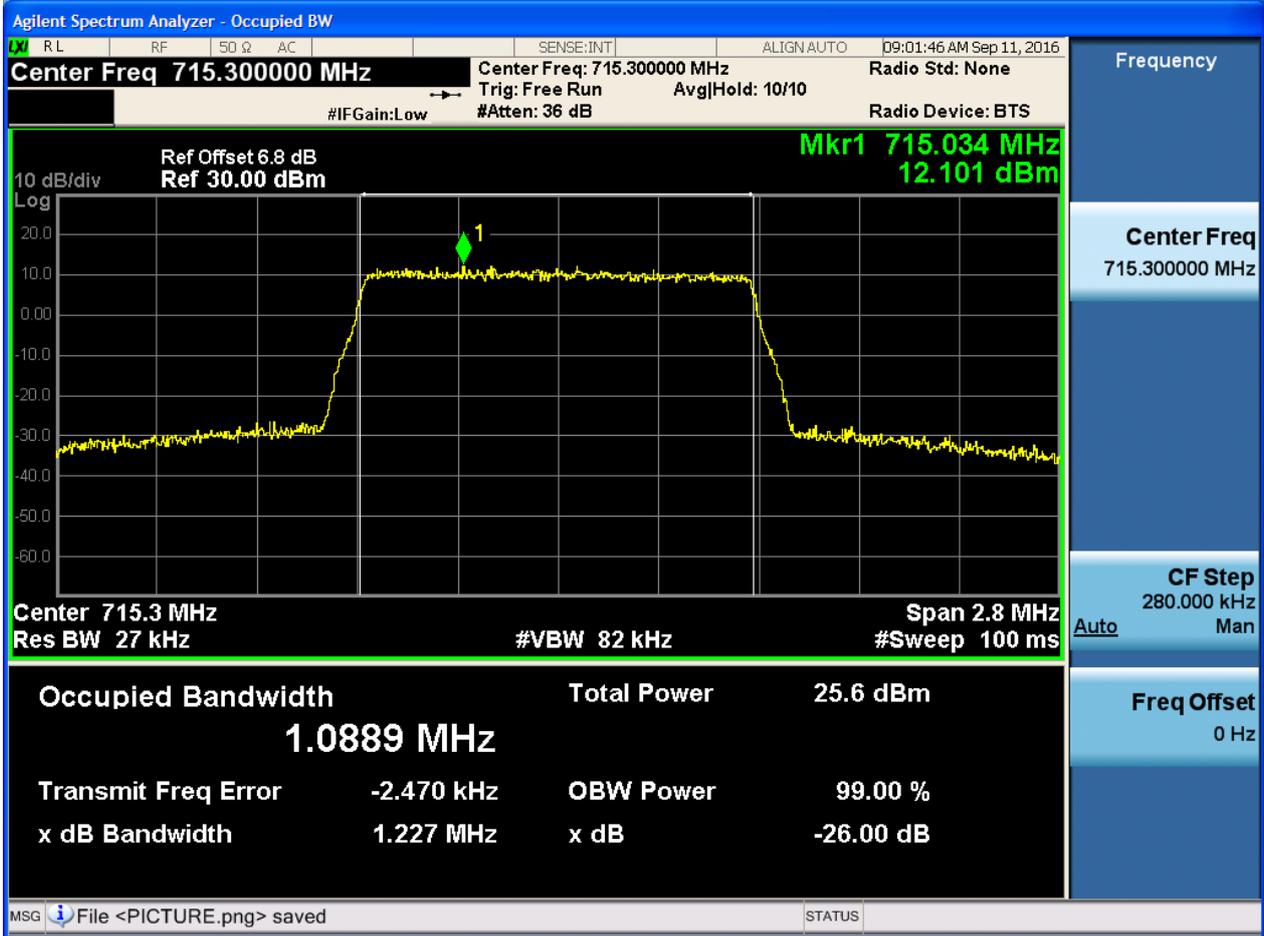
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

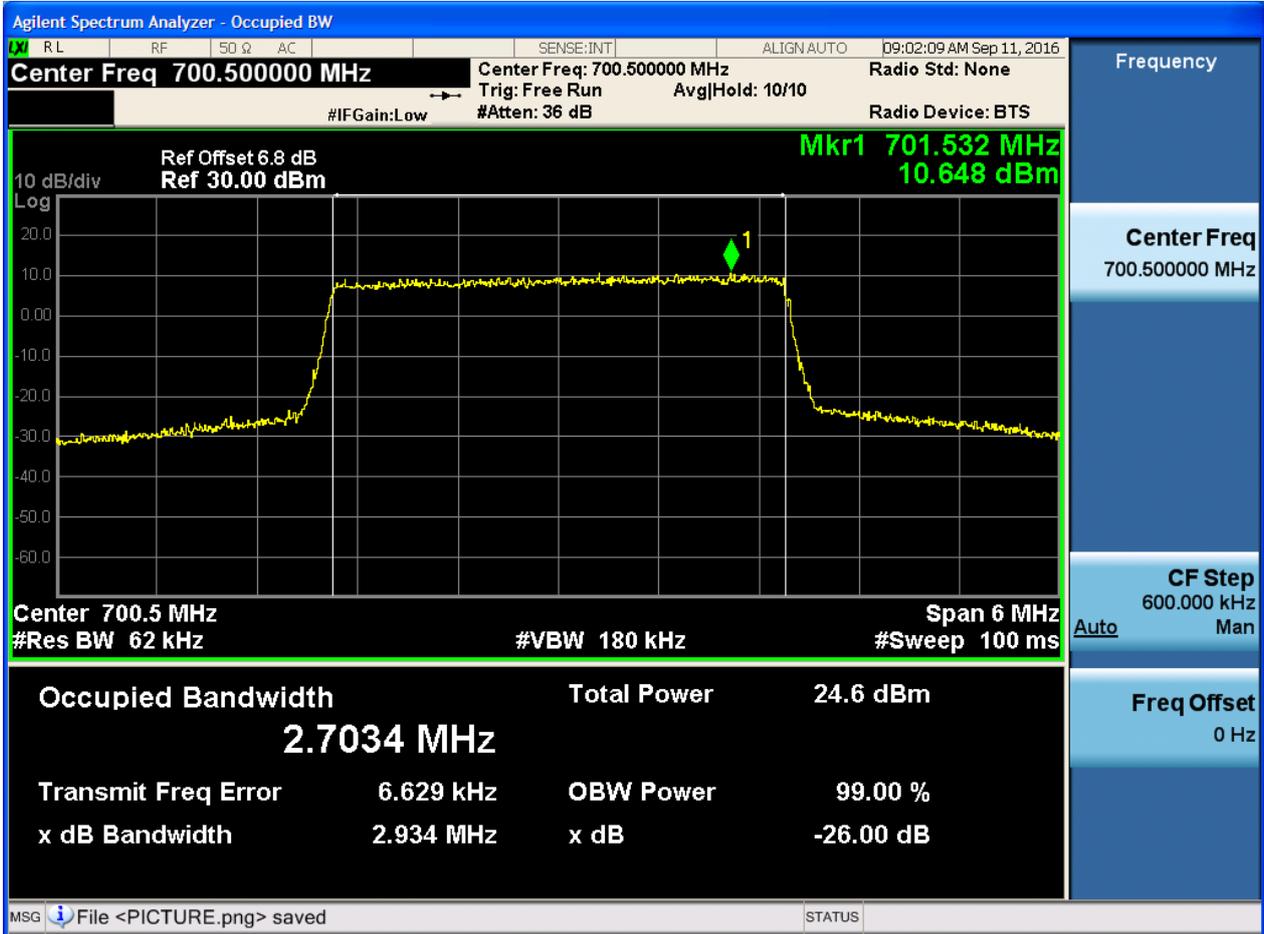




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

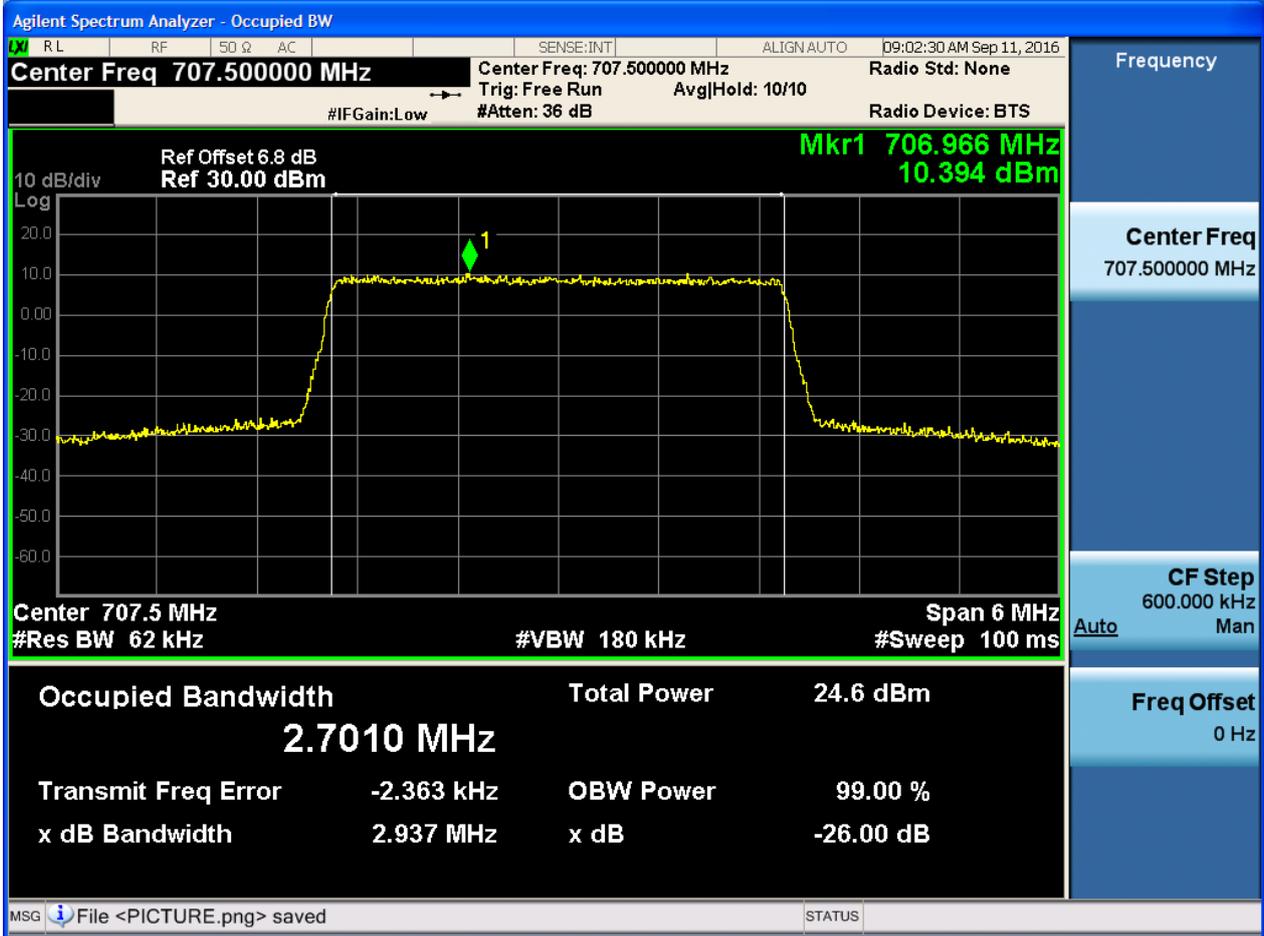
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

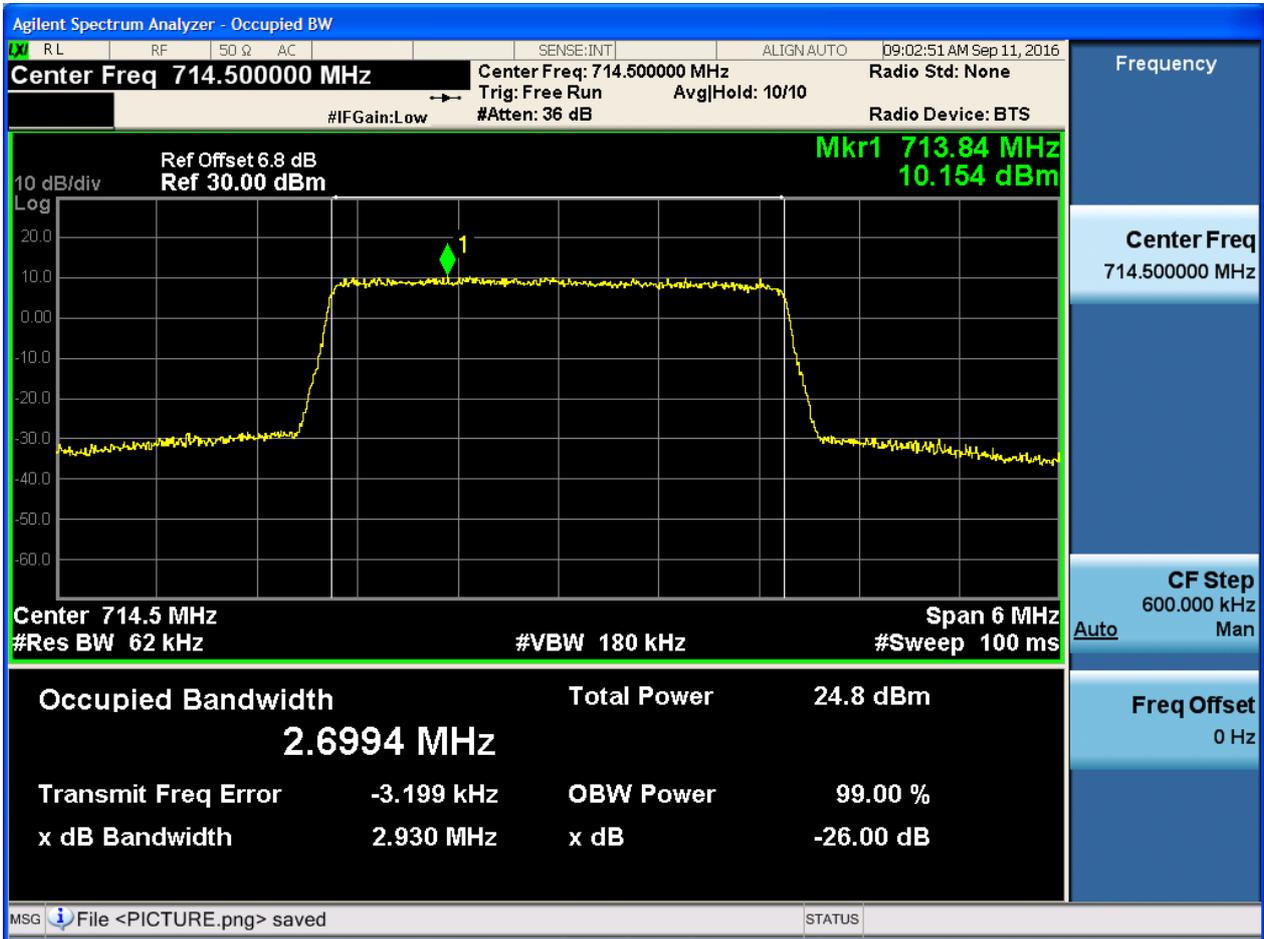
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

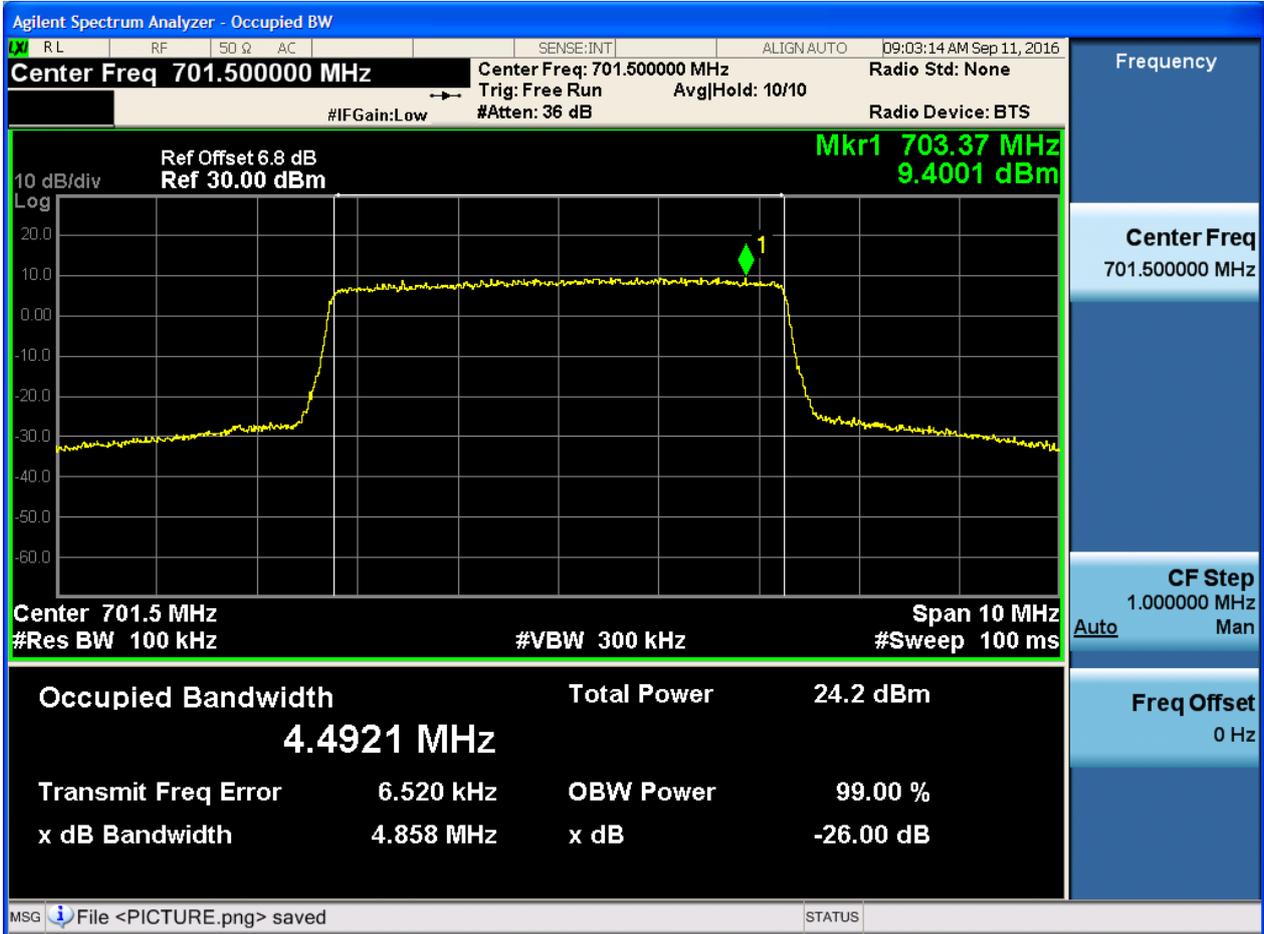




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

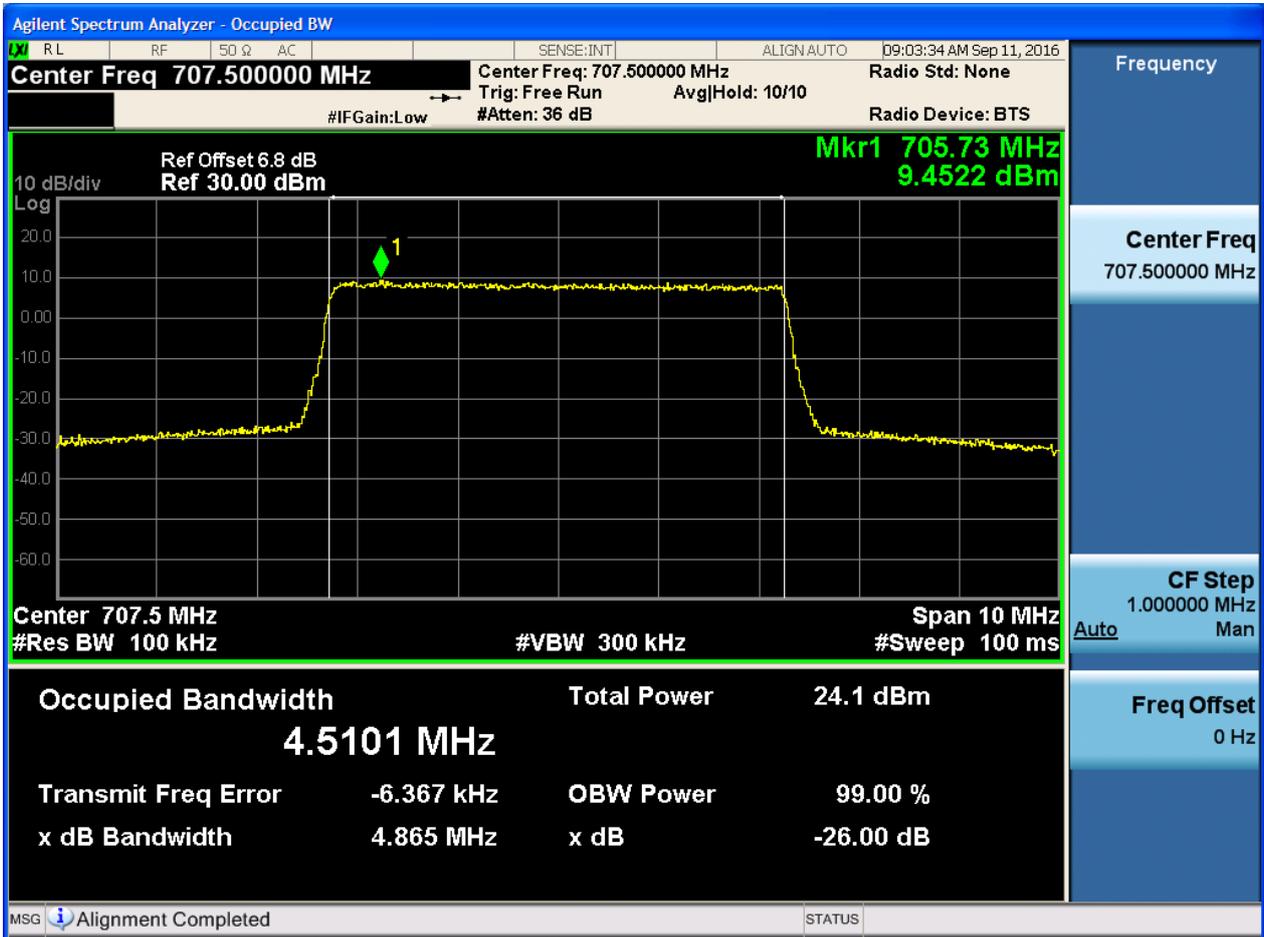
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

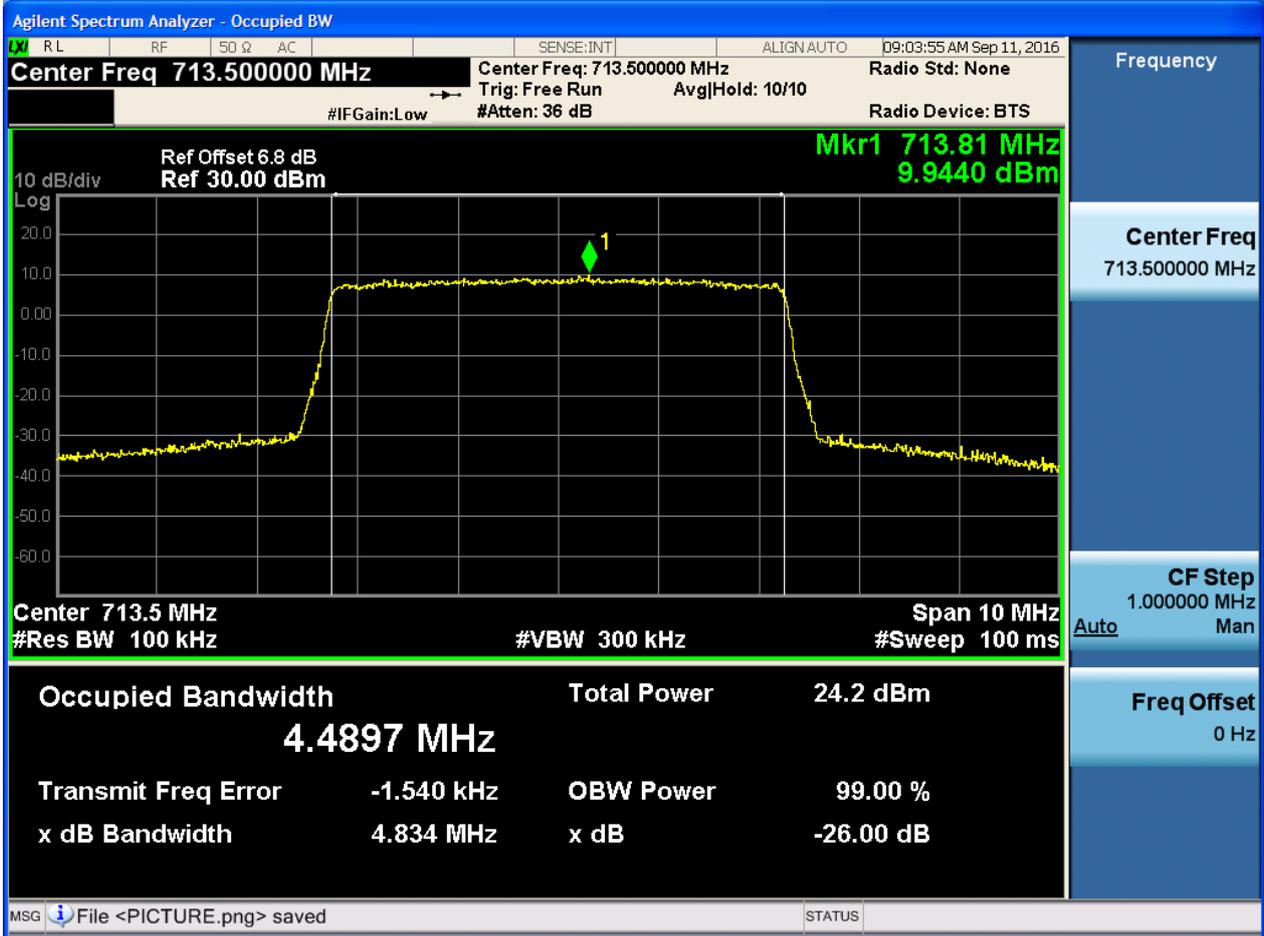
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

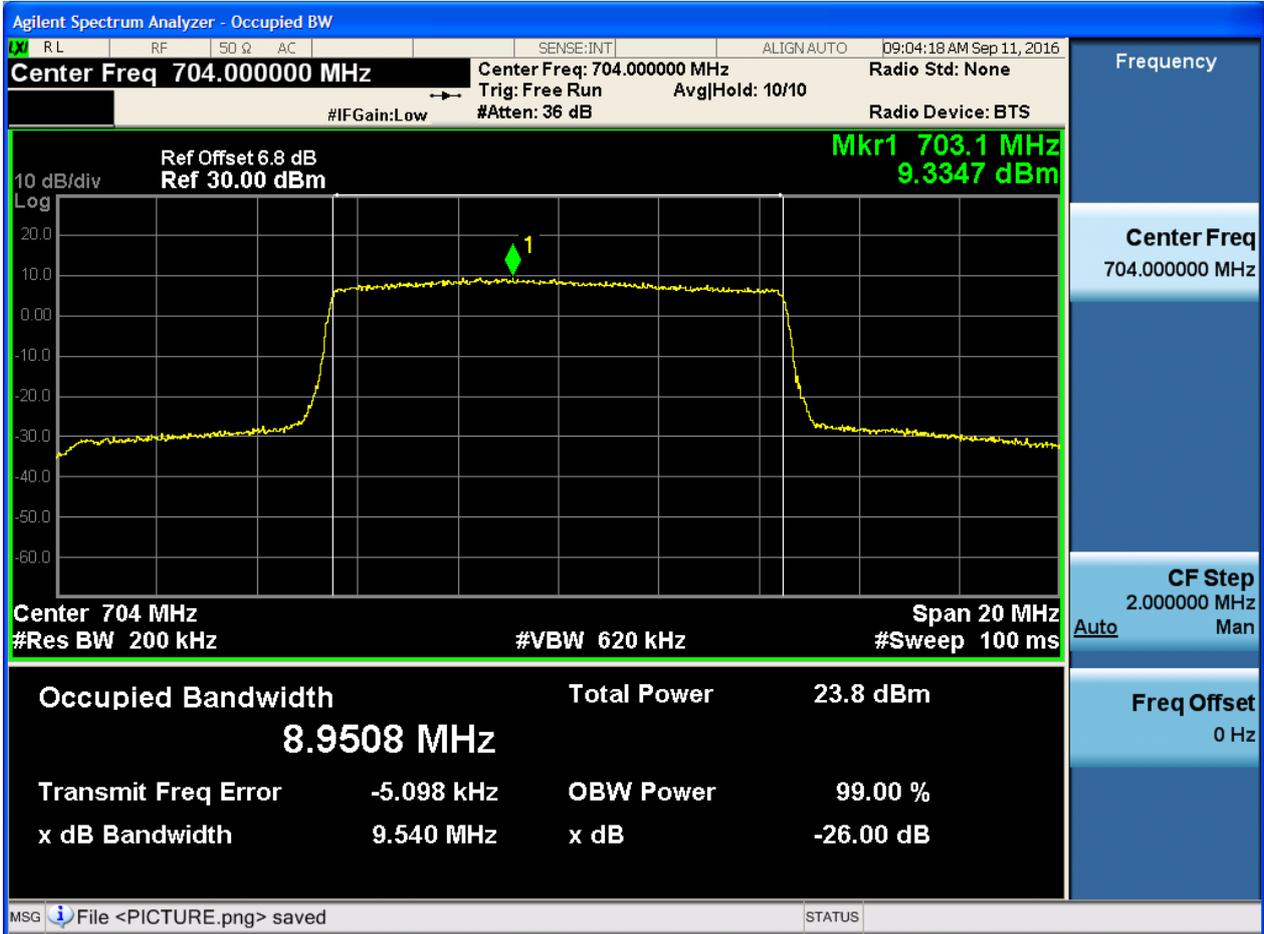




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

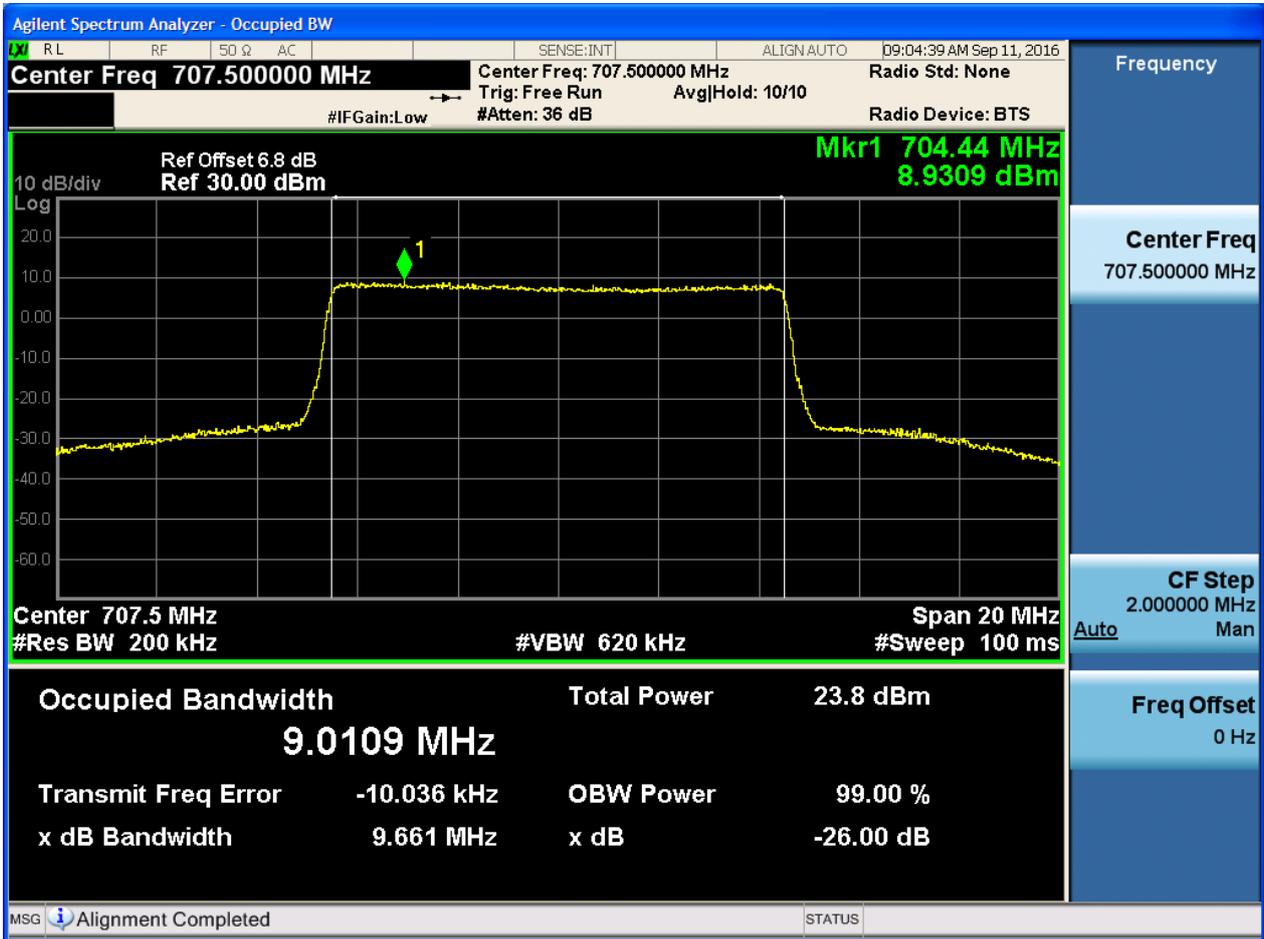
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0





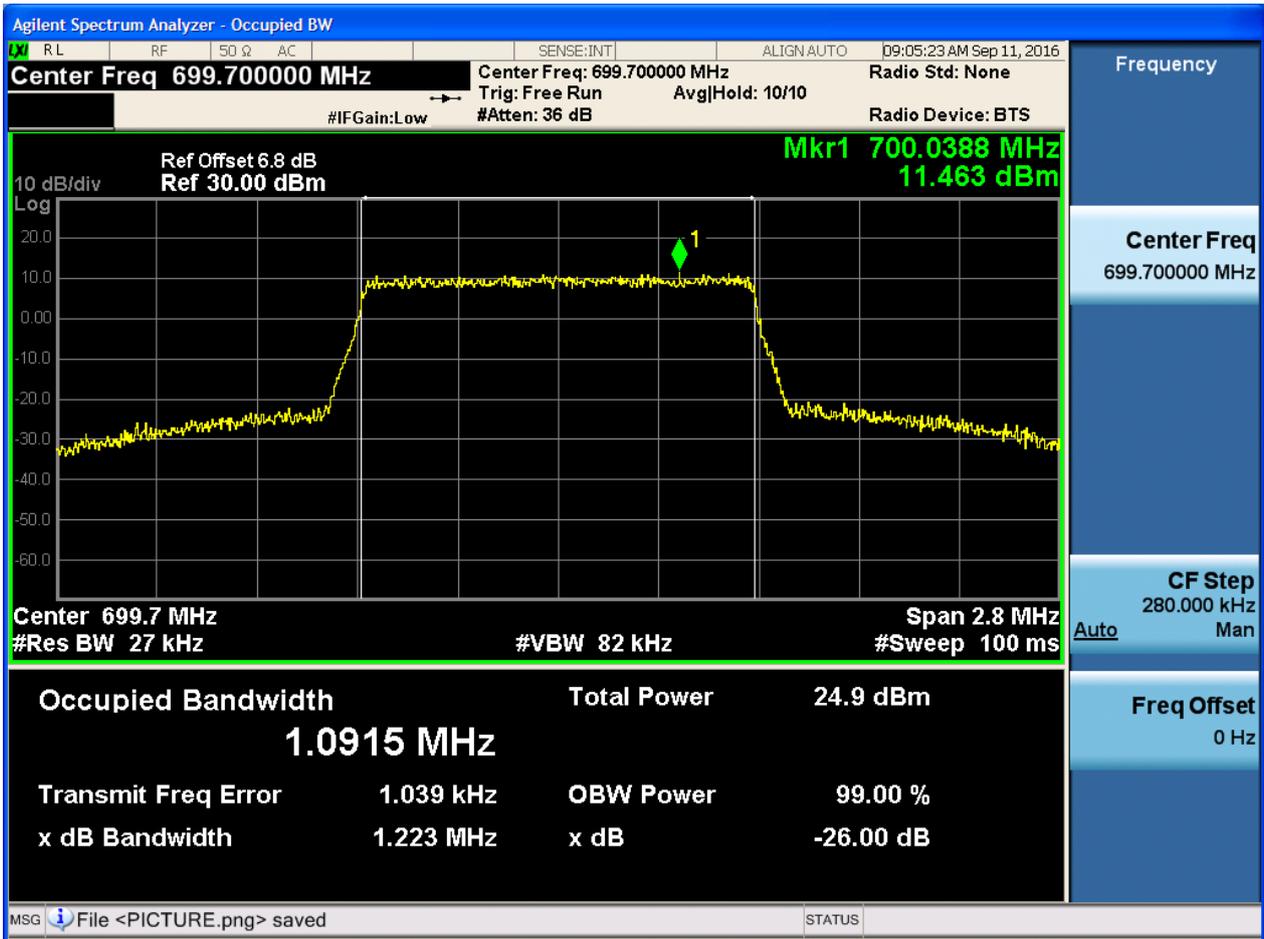


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

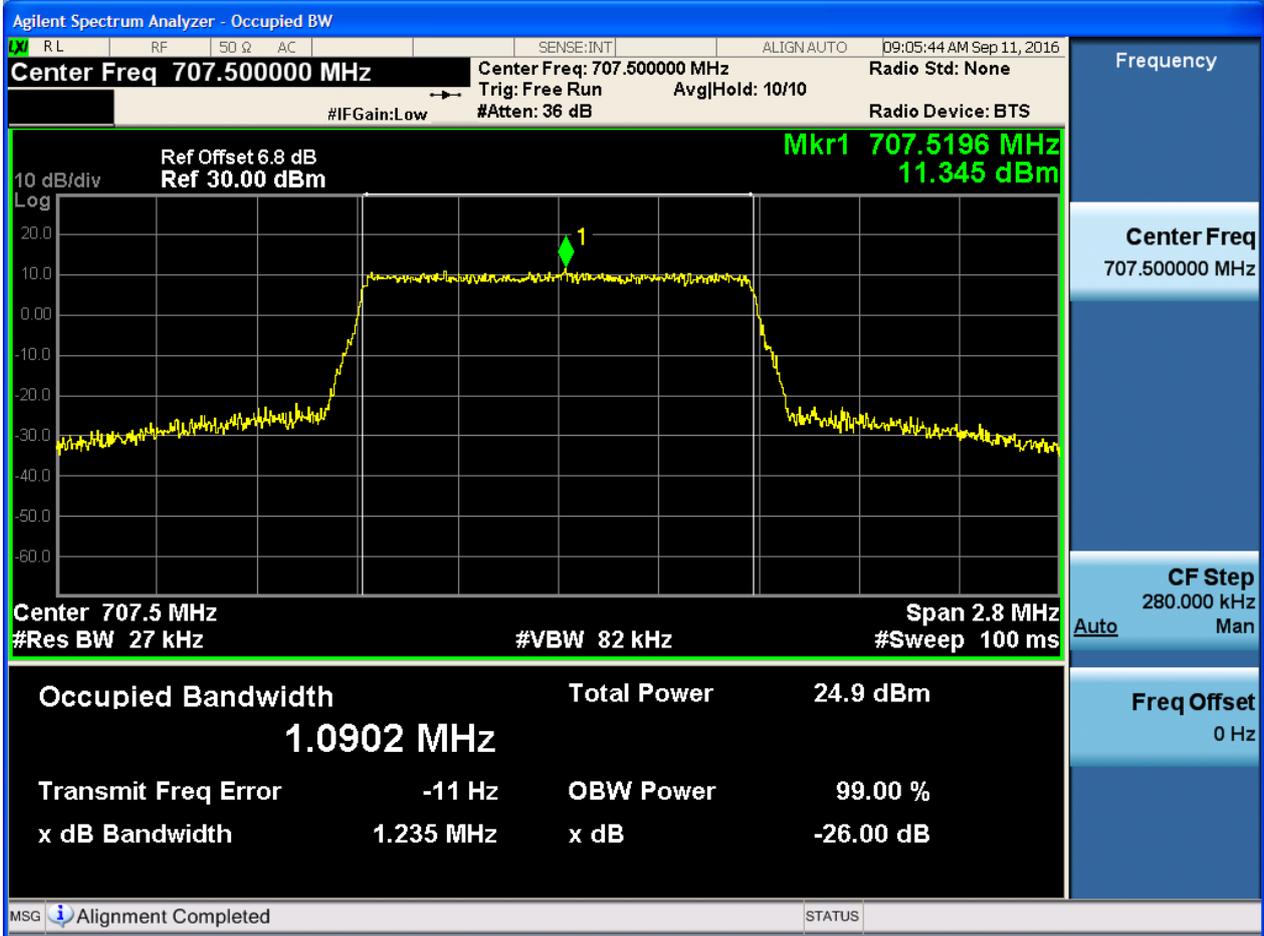
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

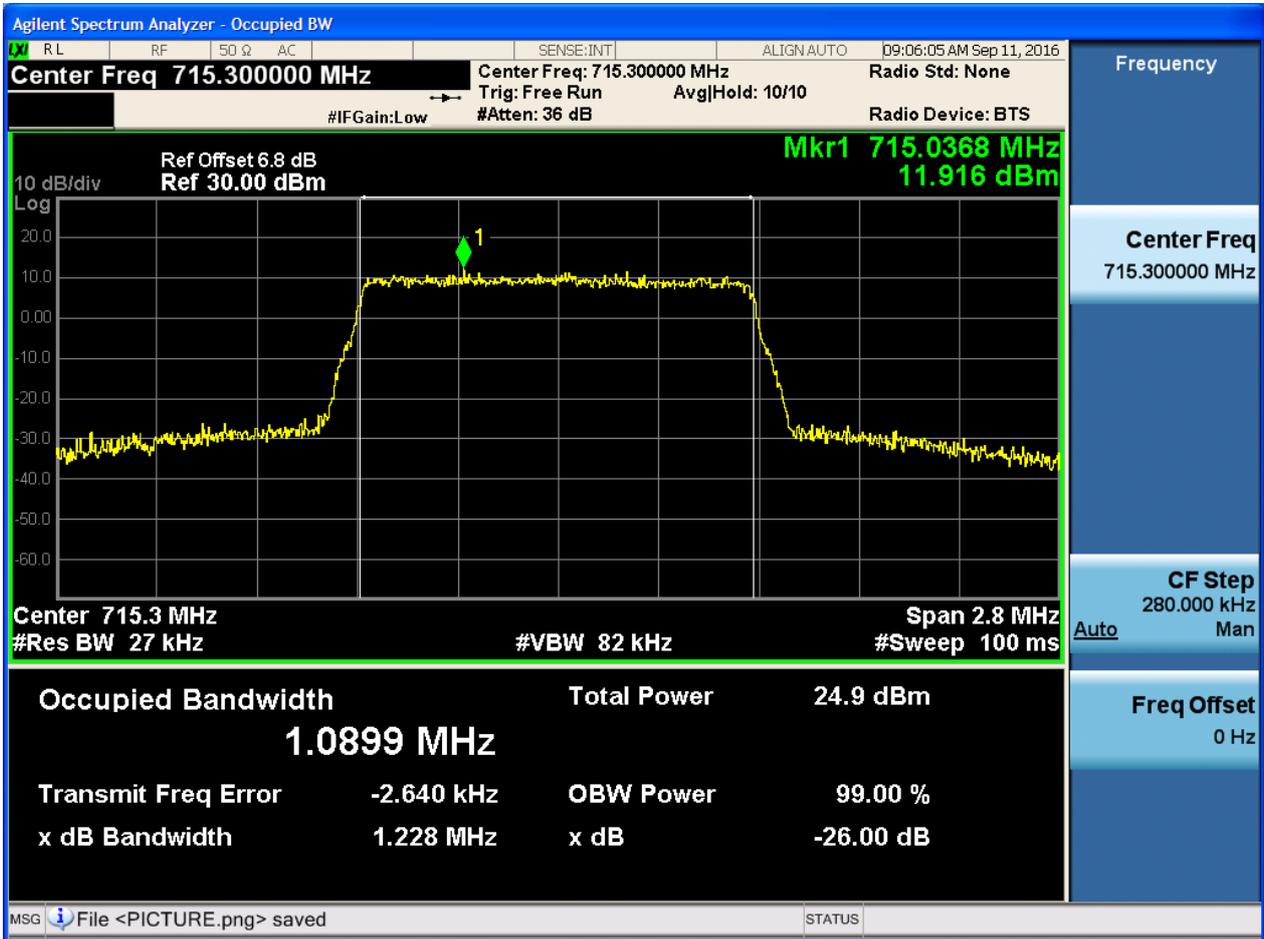
4.1.1.2.1.2.1 Test RB = RB6#0





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

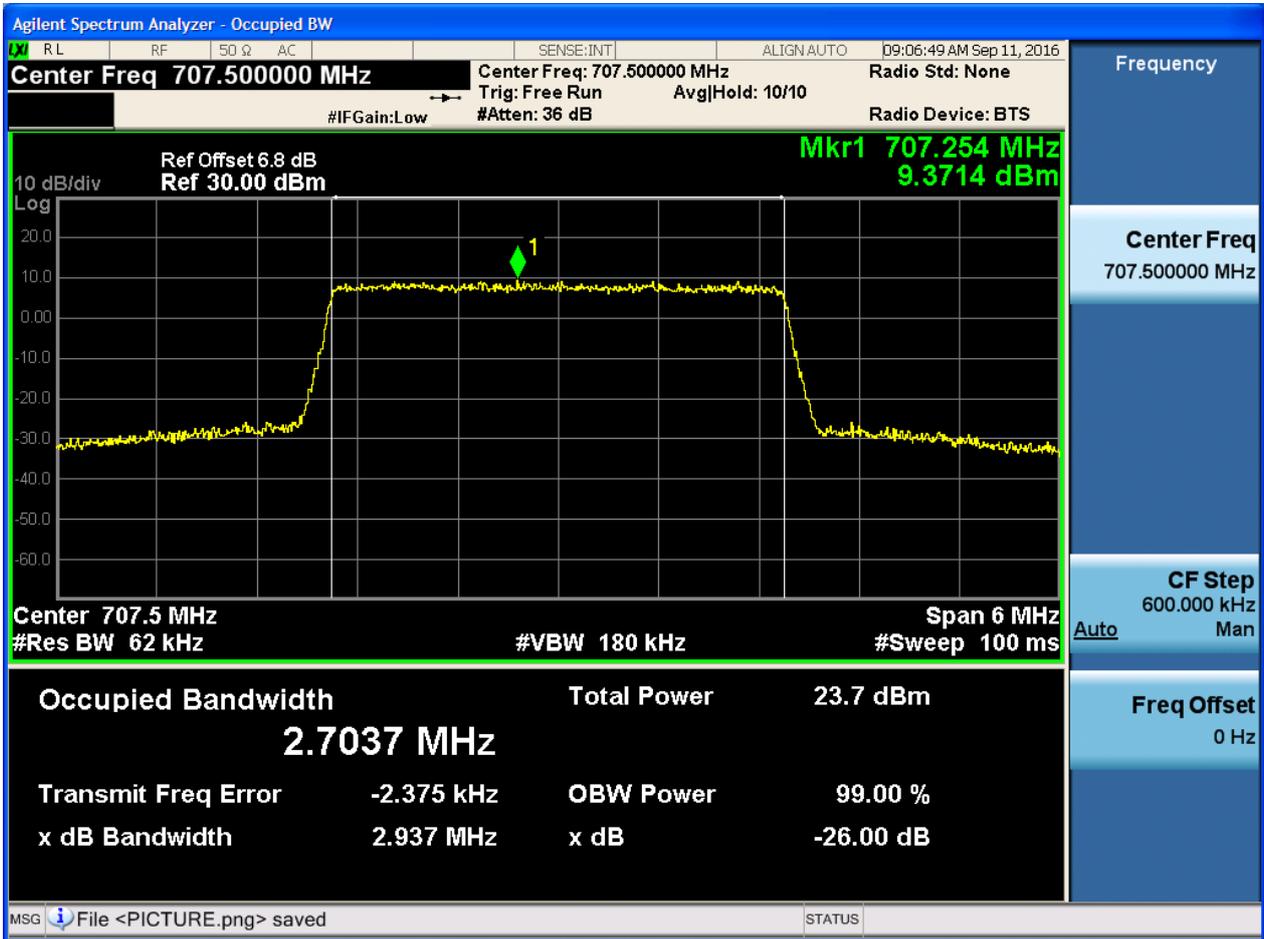
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

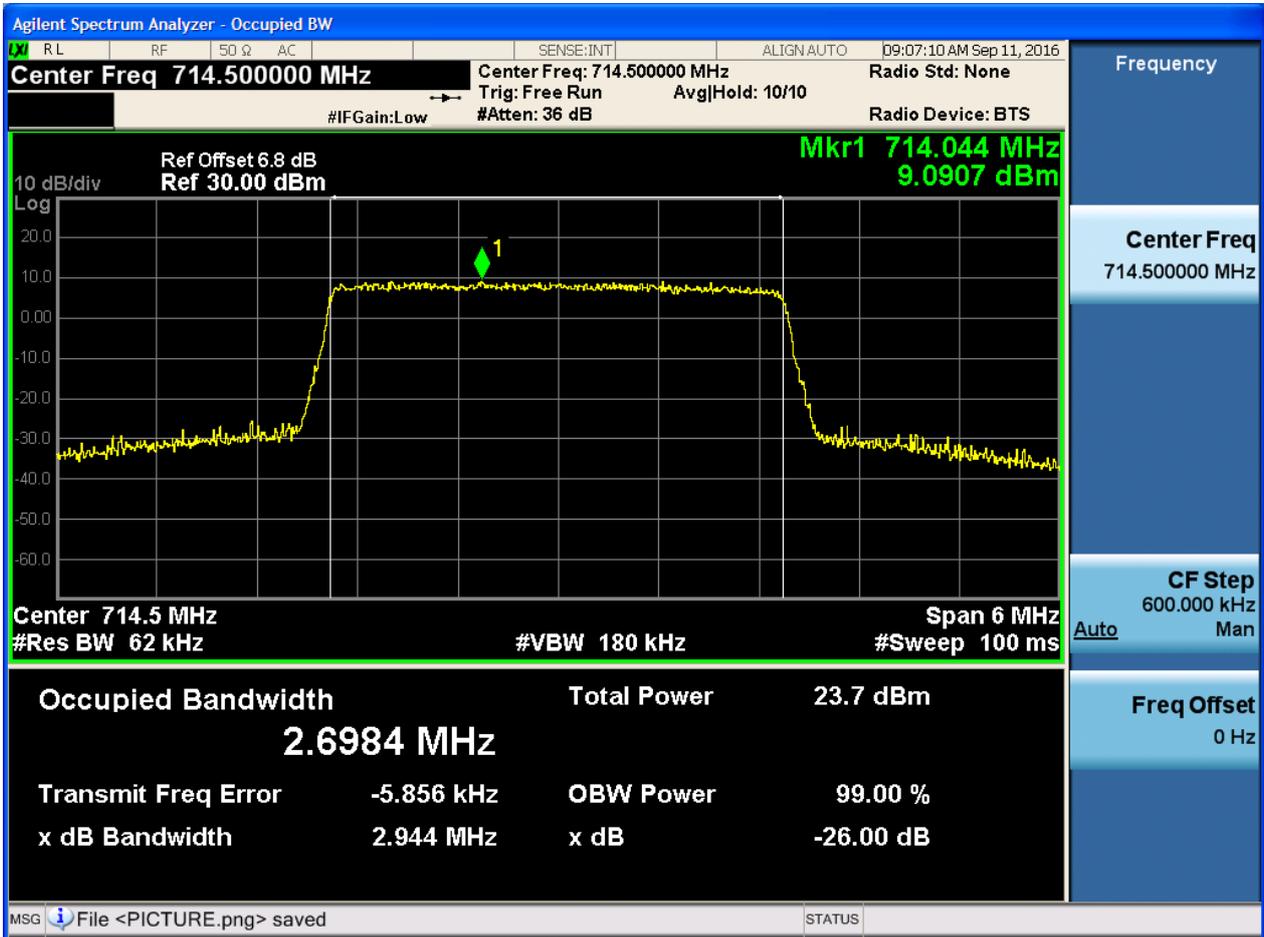
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

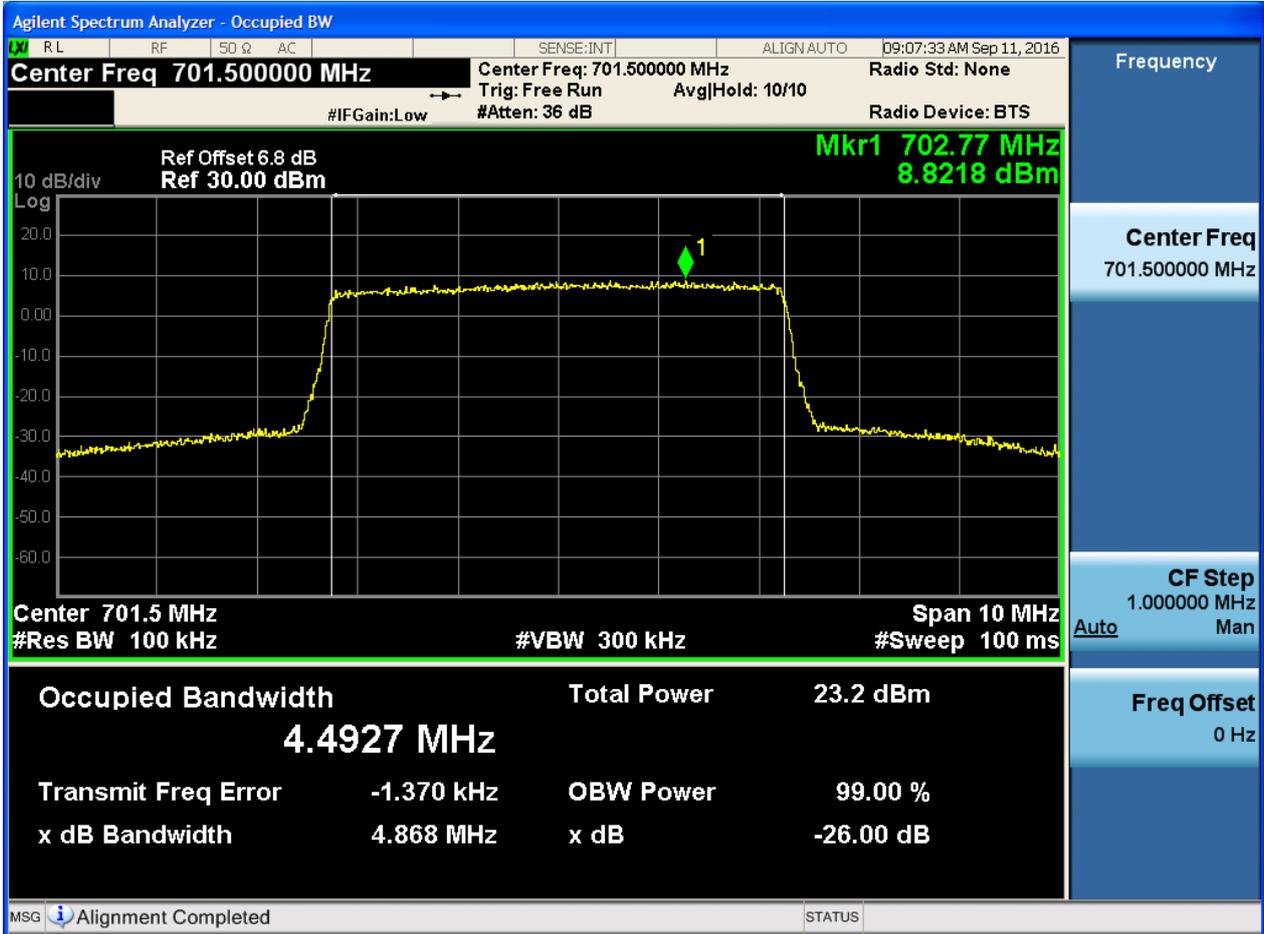




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

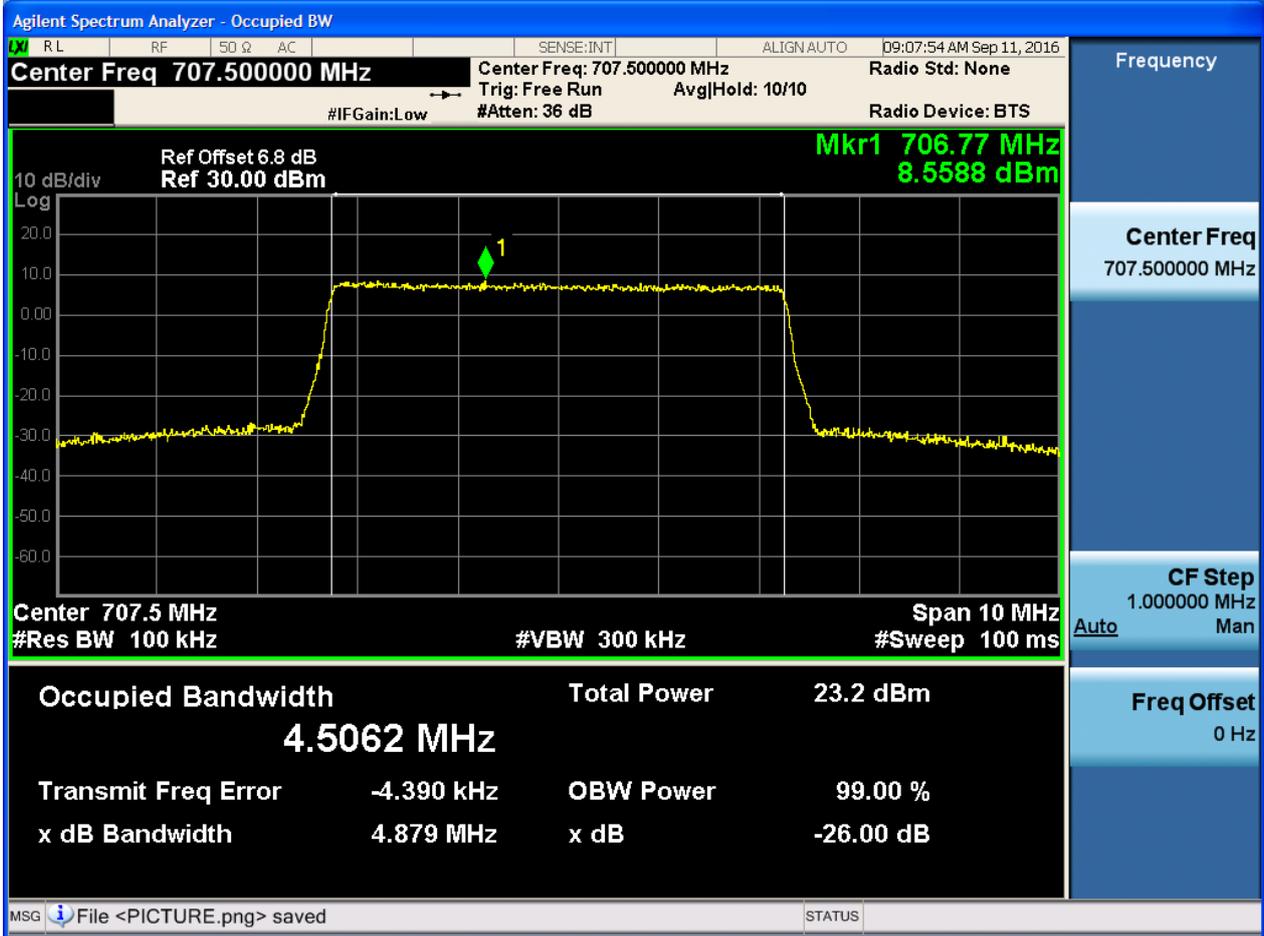
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

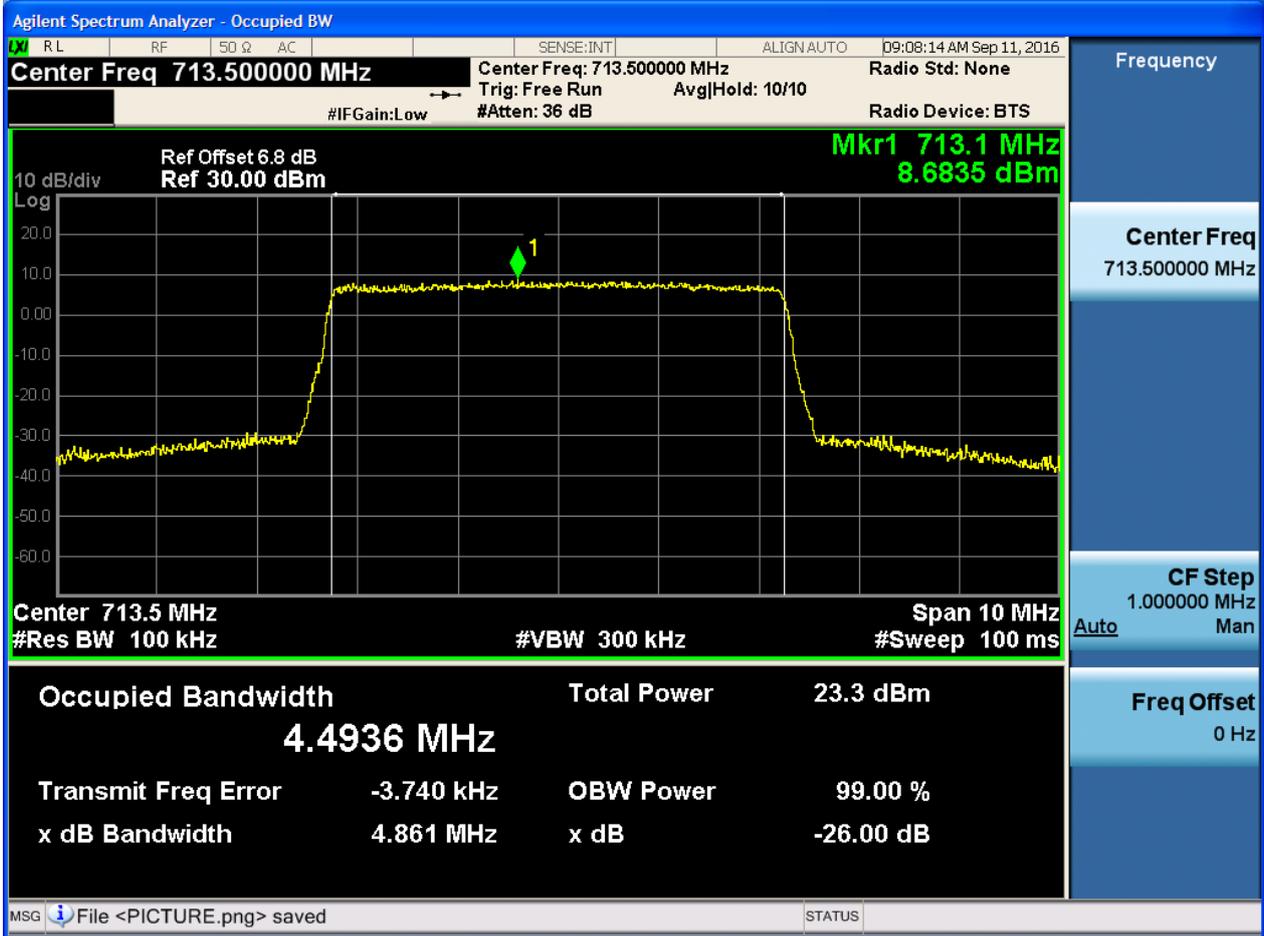
4.1.1.2.3.2.1 Test RB = RB25#0





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

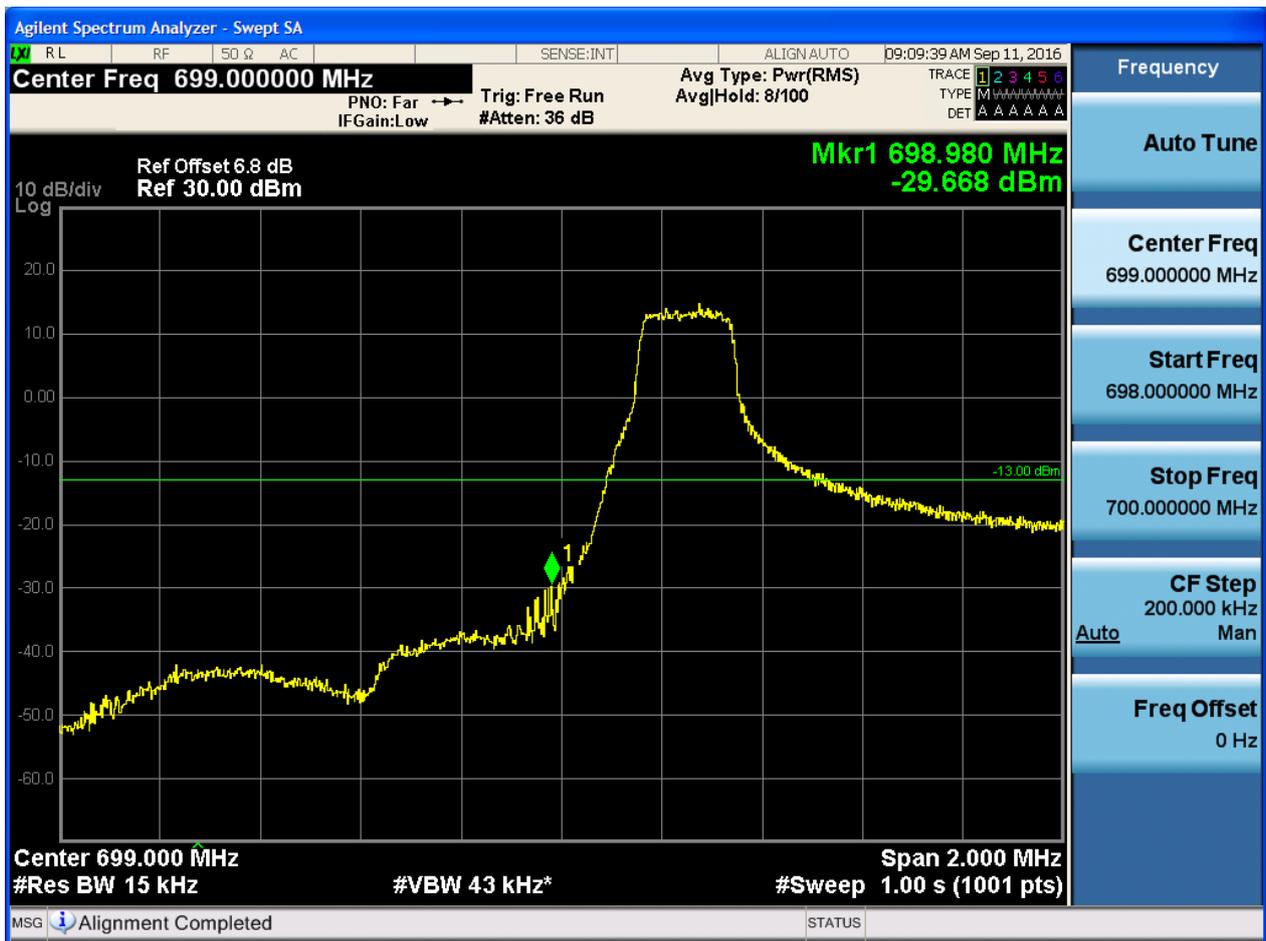
##### 5.1.1 Test Band = BAND12

##### 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



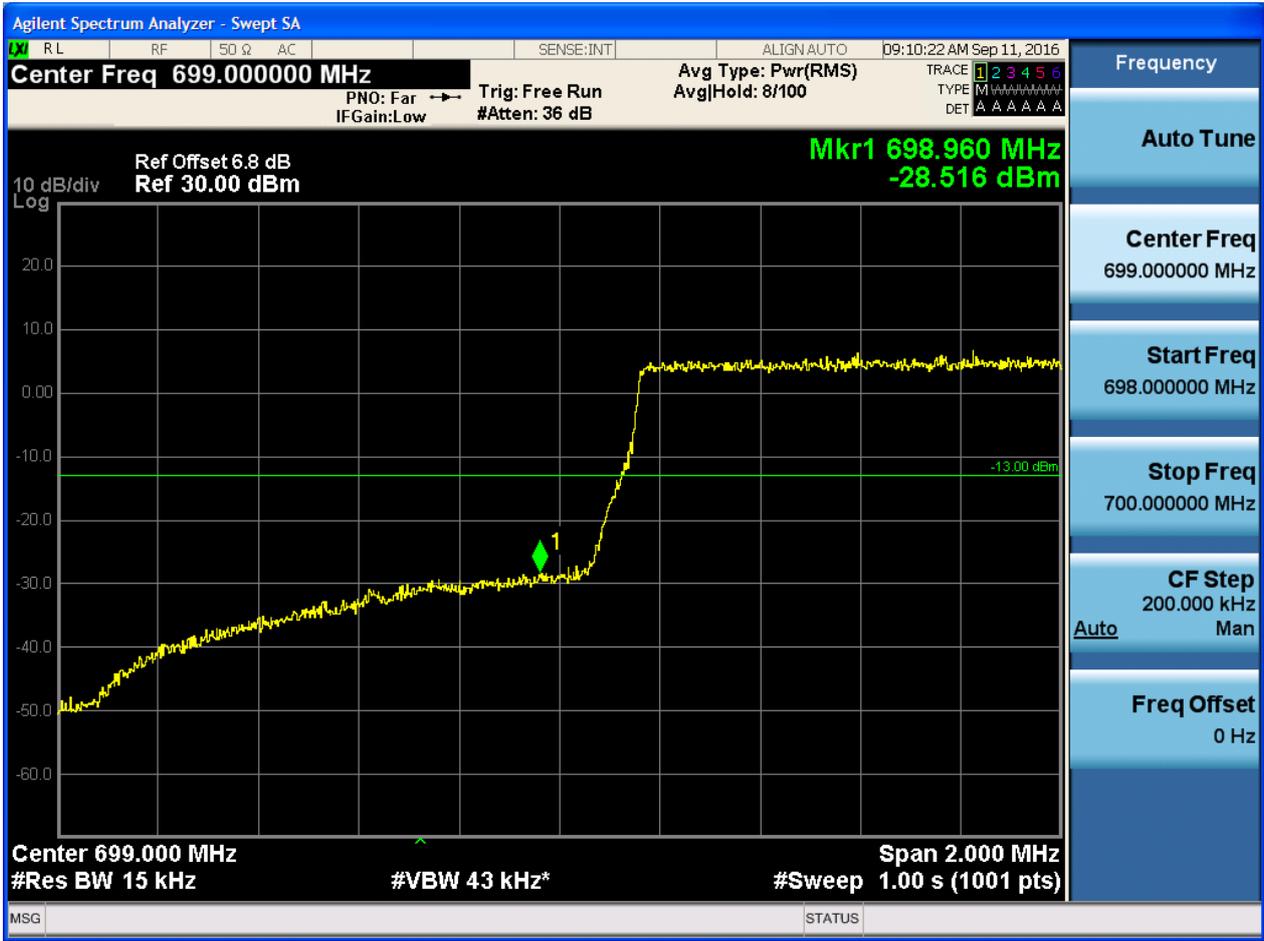


5.1.1.1.1.3 Test RB = RB3#2





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



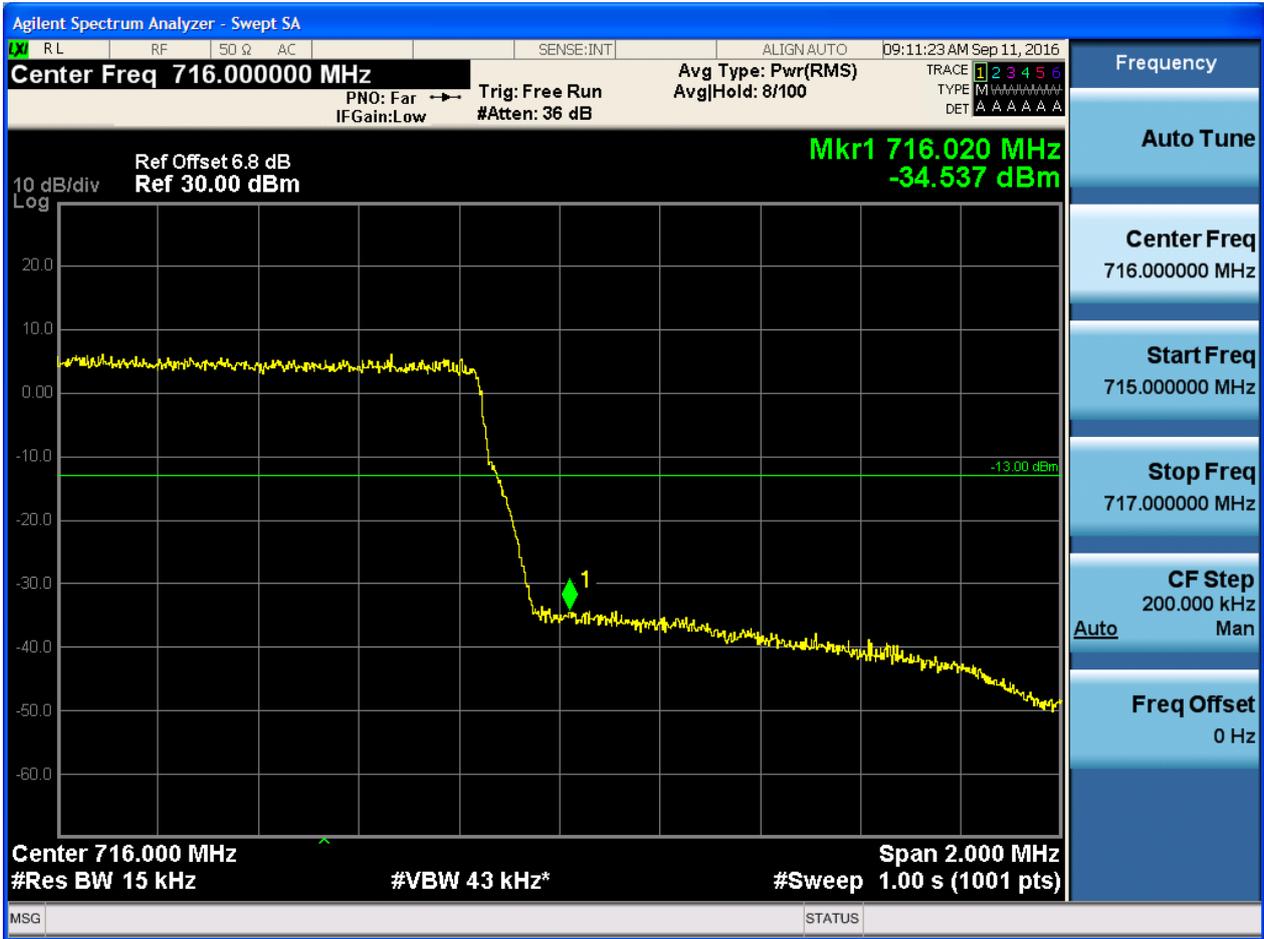


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

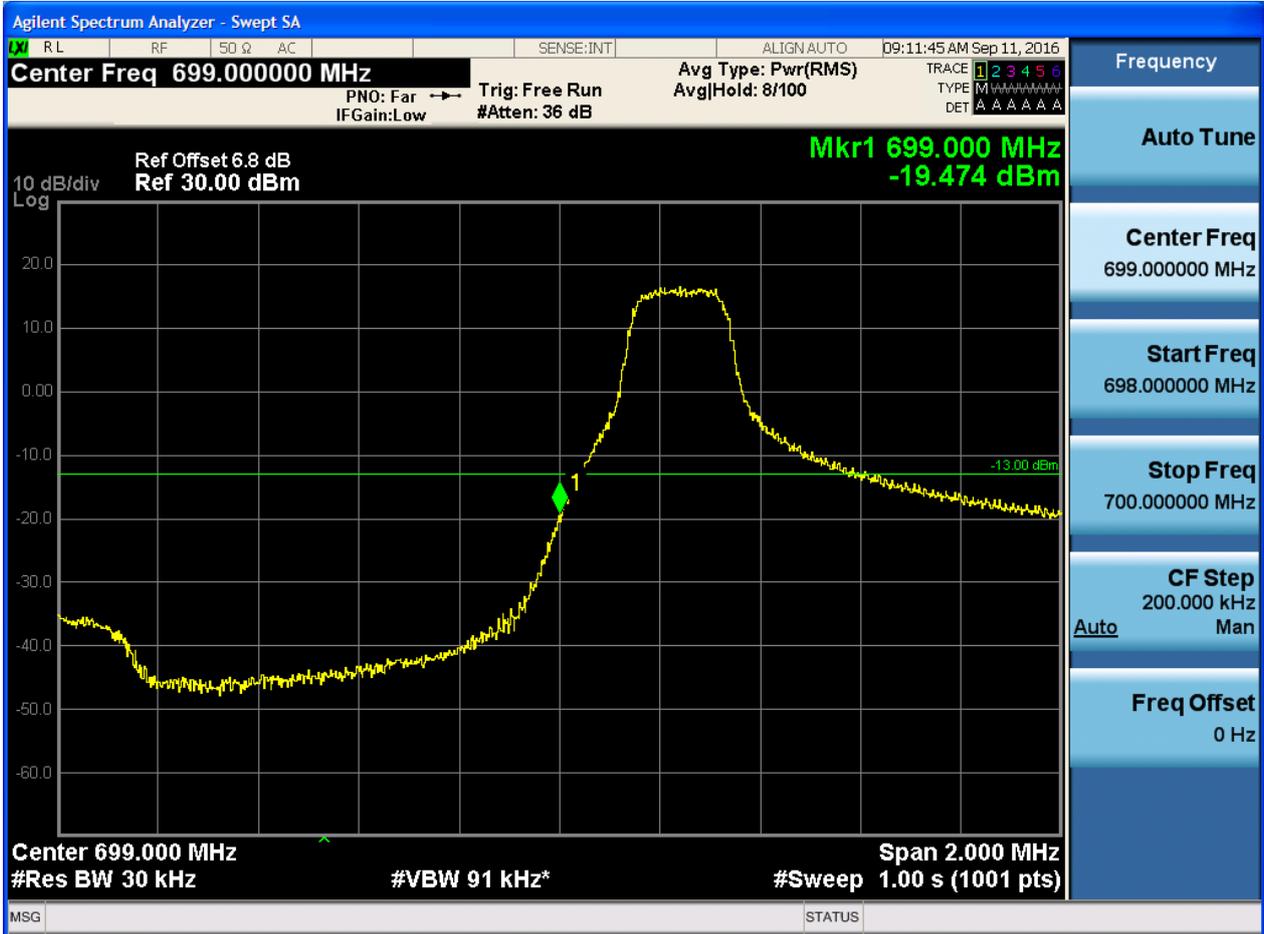




5.1.1.1.2 Test Bandwidth = 3

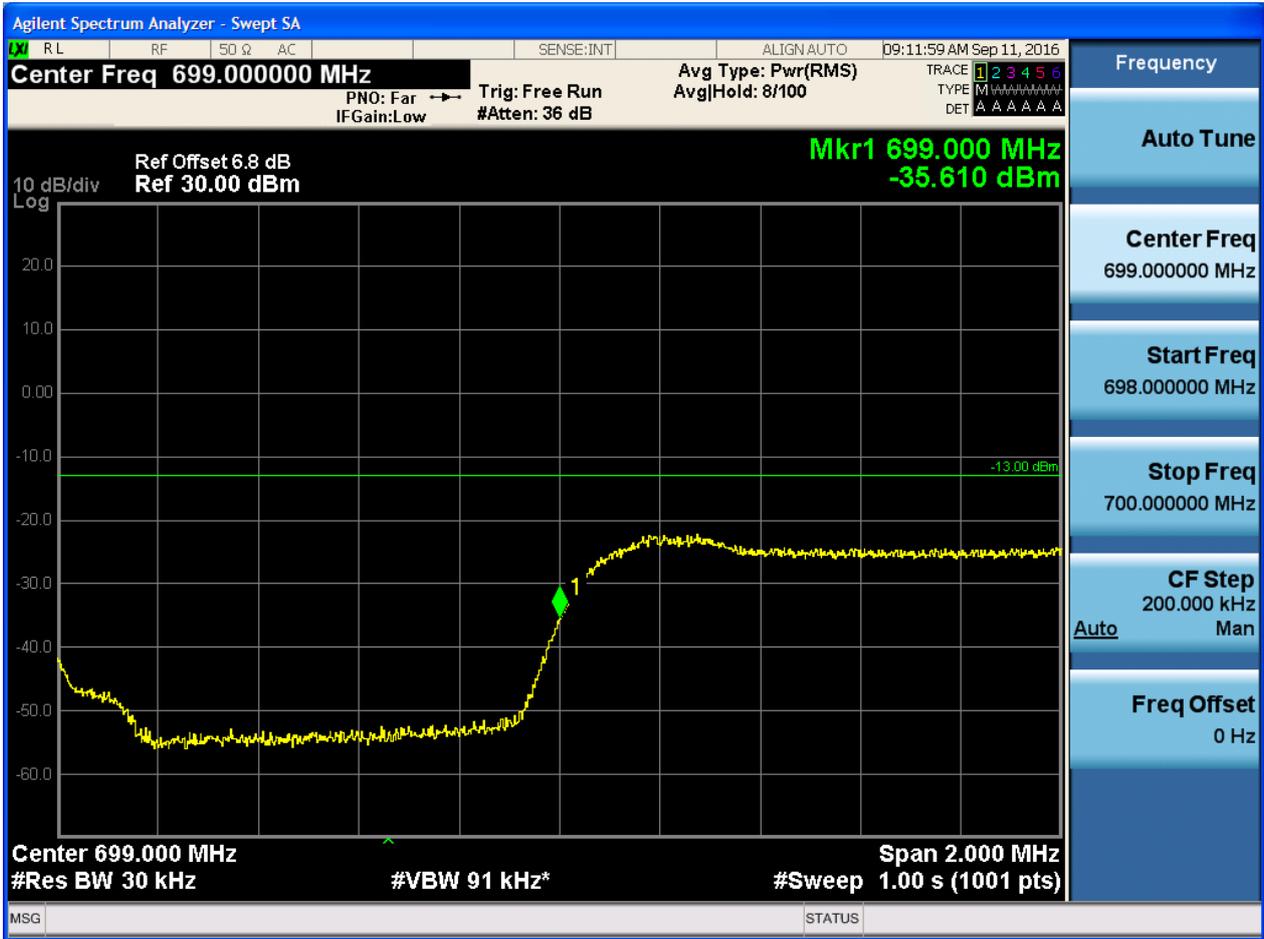
5.1.1.1.2.1 Test Channel = LCH

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 = RB#4





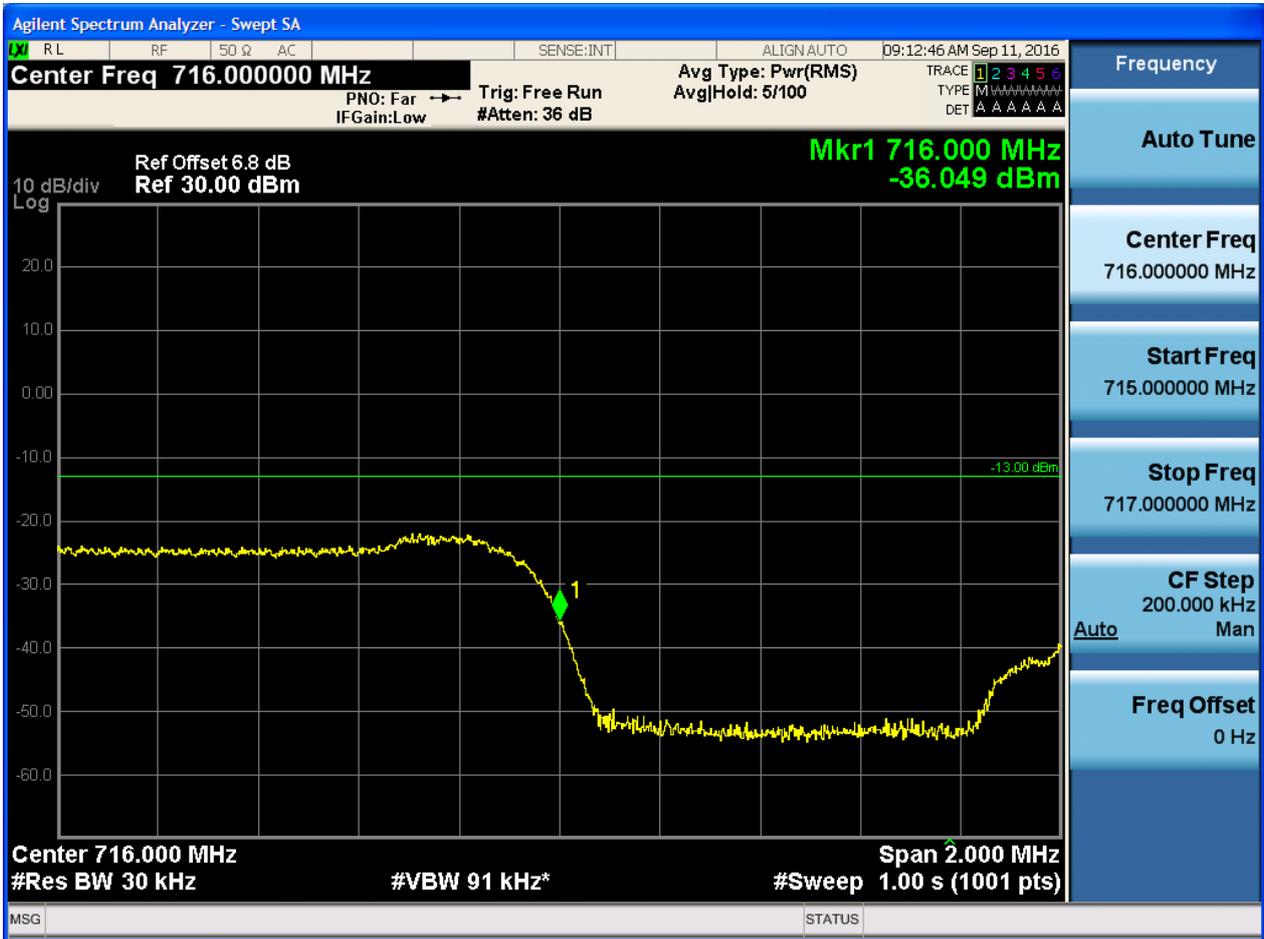
5.1.1.1.2.1.4 Test RB = RB15#0





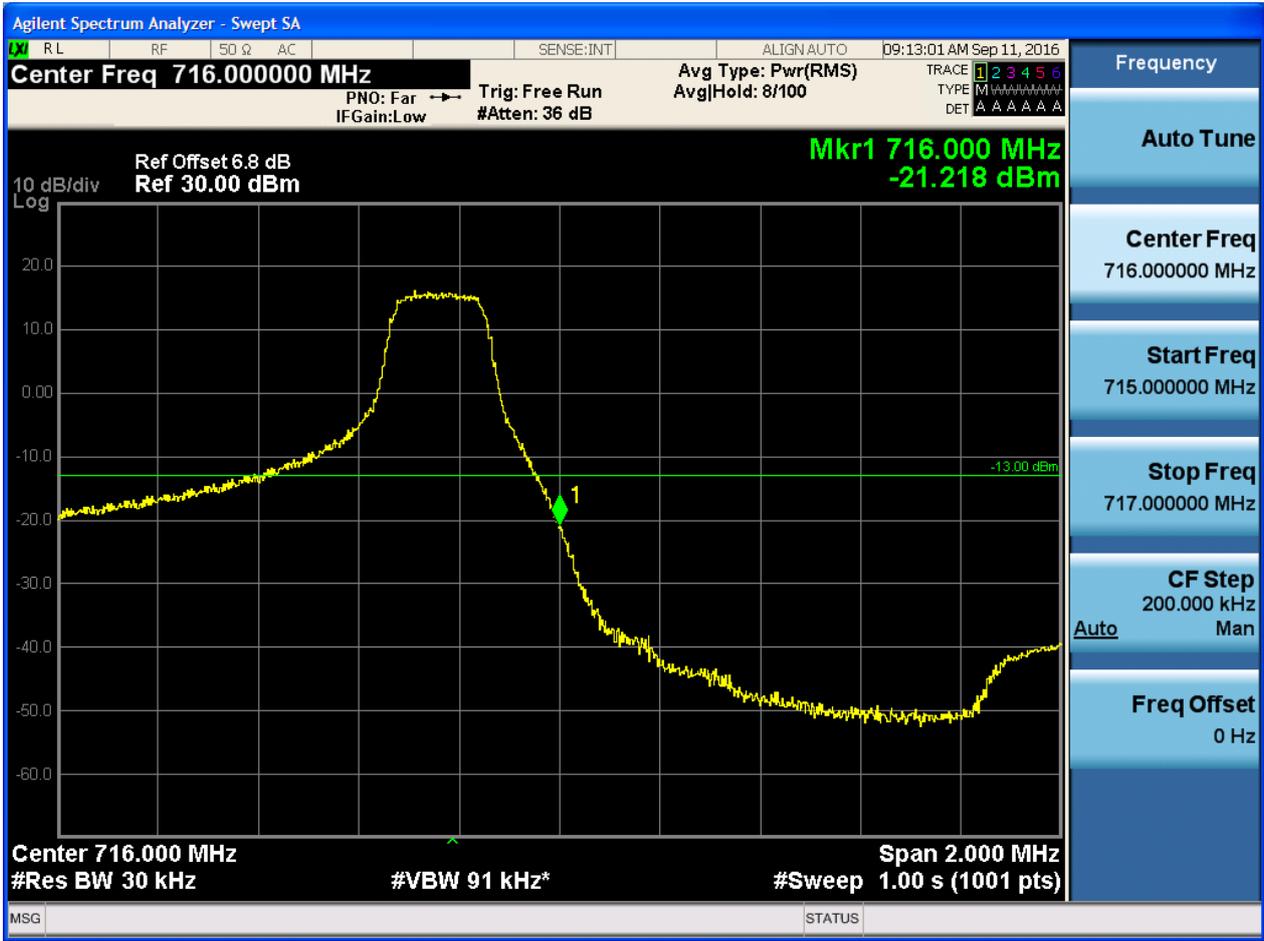
5.1.1.1.2.2 Test Channel = HCH

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 = RB#4





5.1.1.1.2.2.4 Test RB = RB15#0

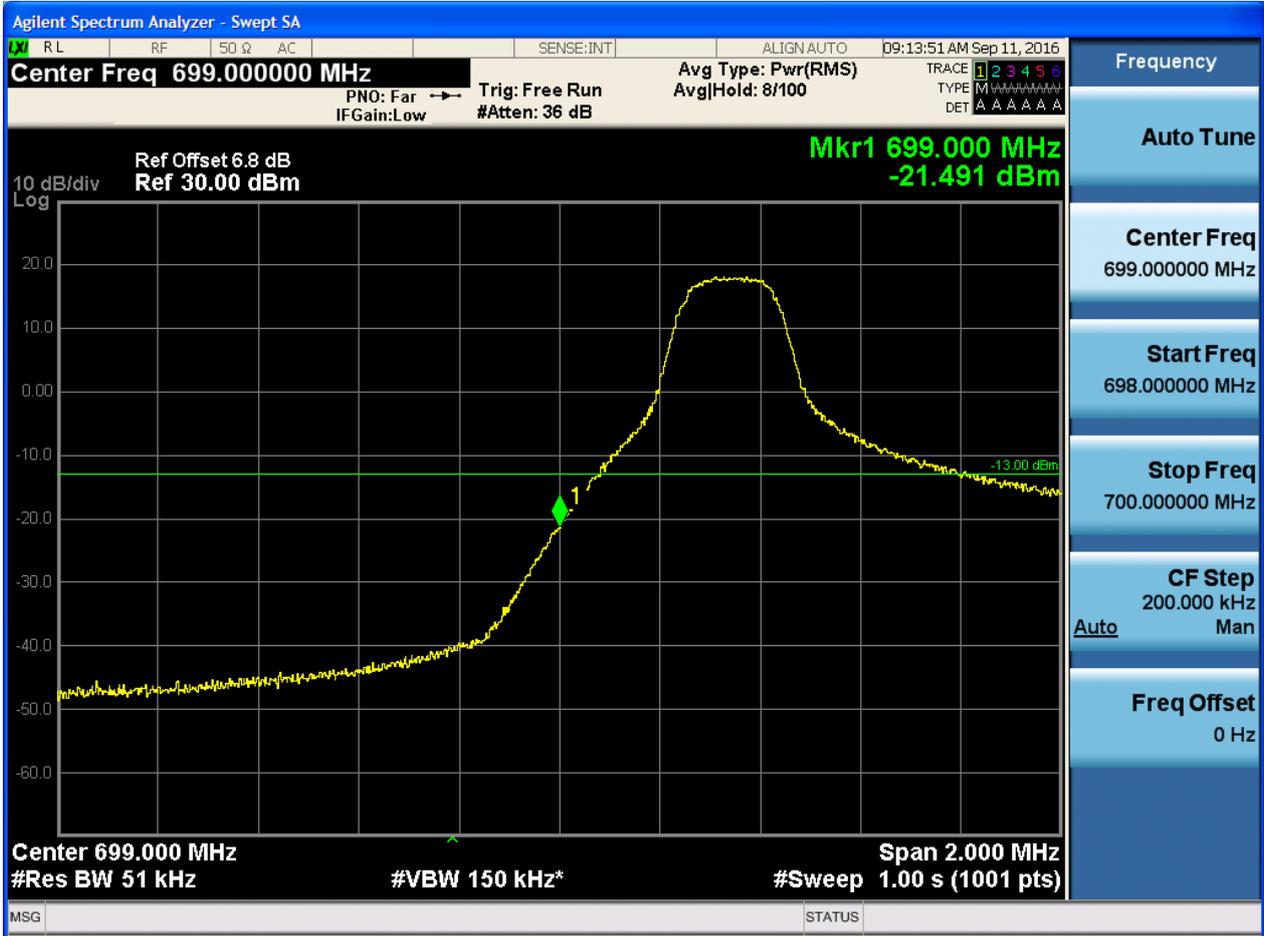




5.1.1.1.3 Test Bandwidth = 5

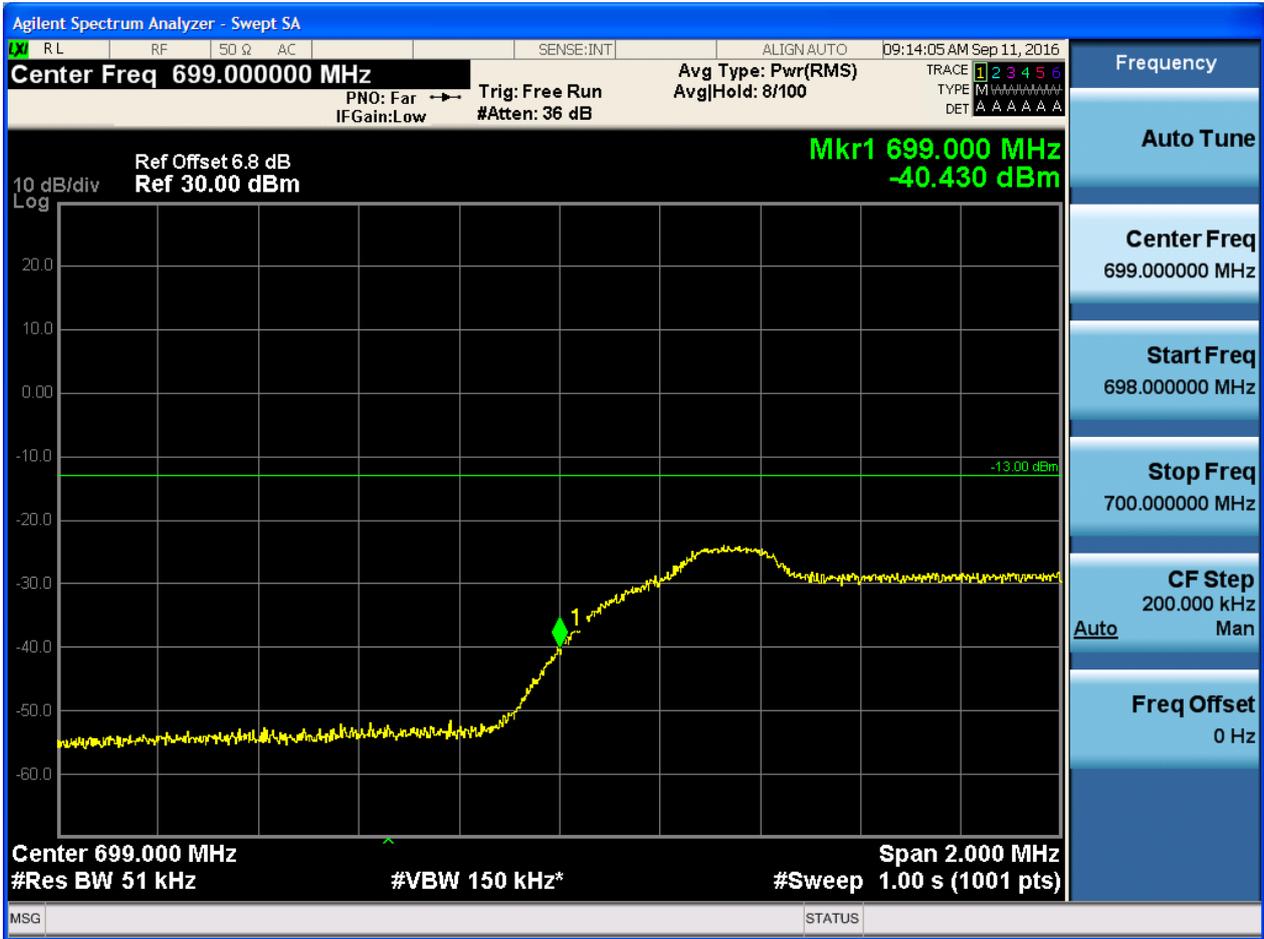
5.1.1.1.3.1 Test Channel = LCH

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





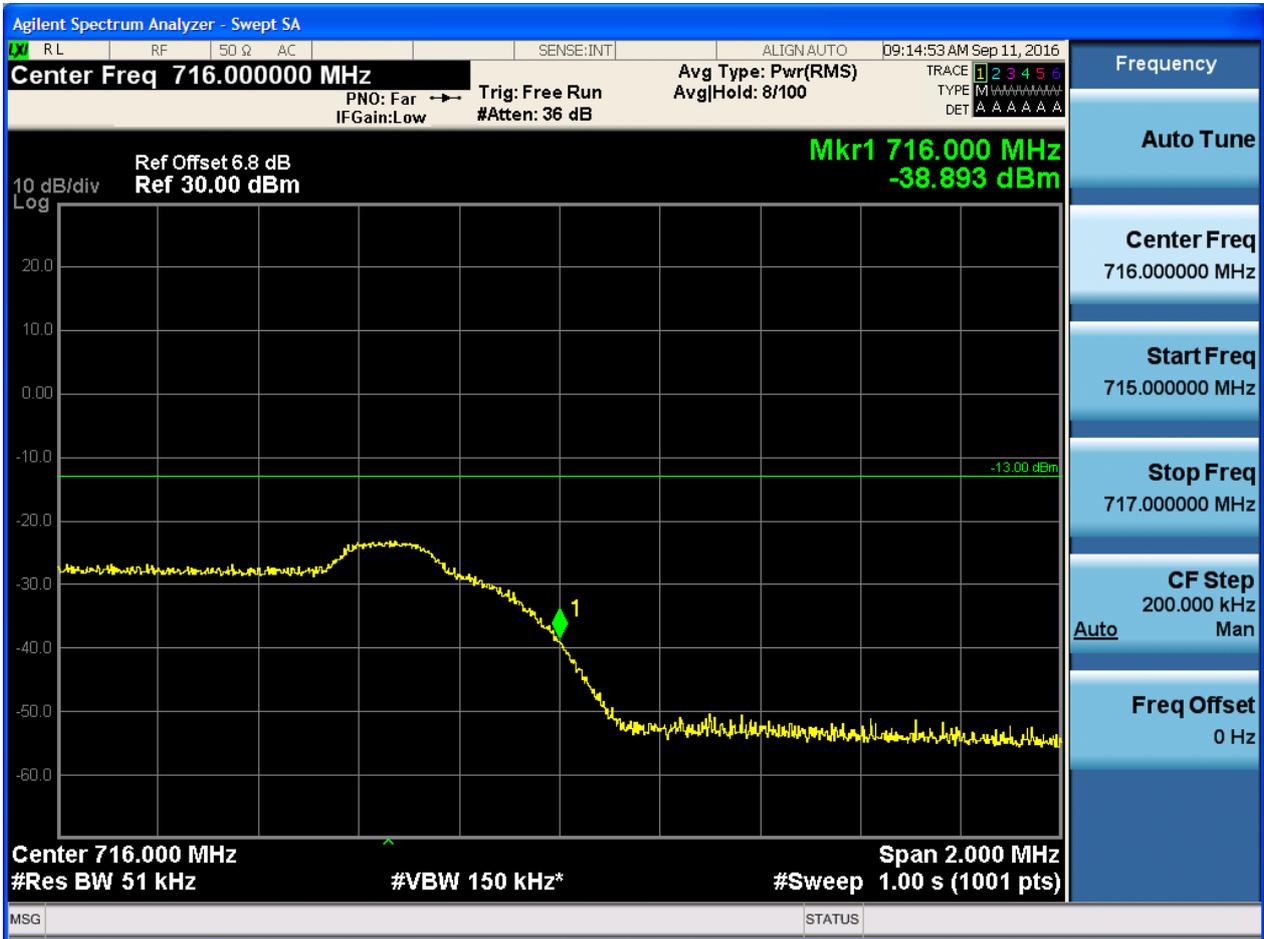
5.1.1.1.3.1.4 Test RB = RB25#0





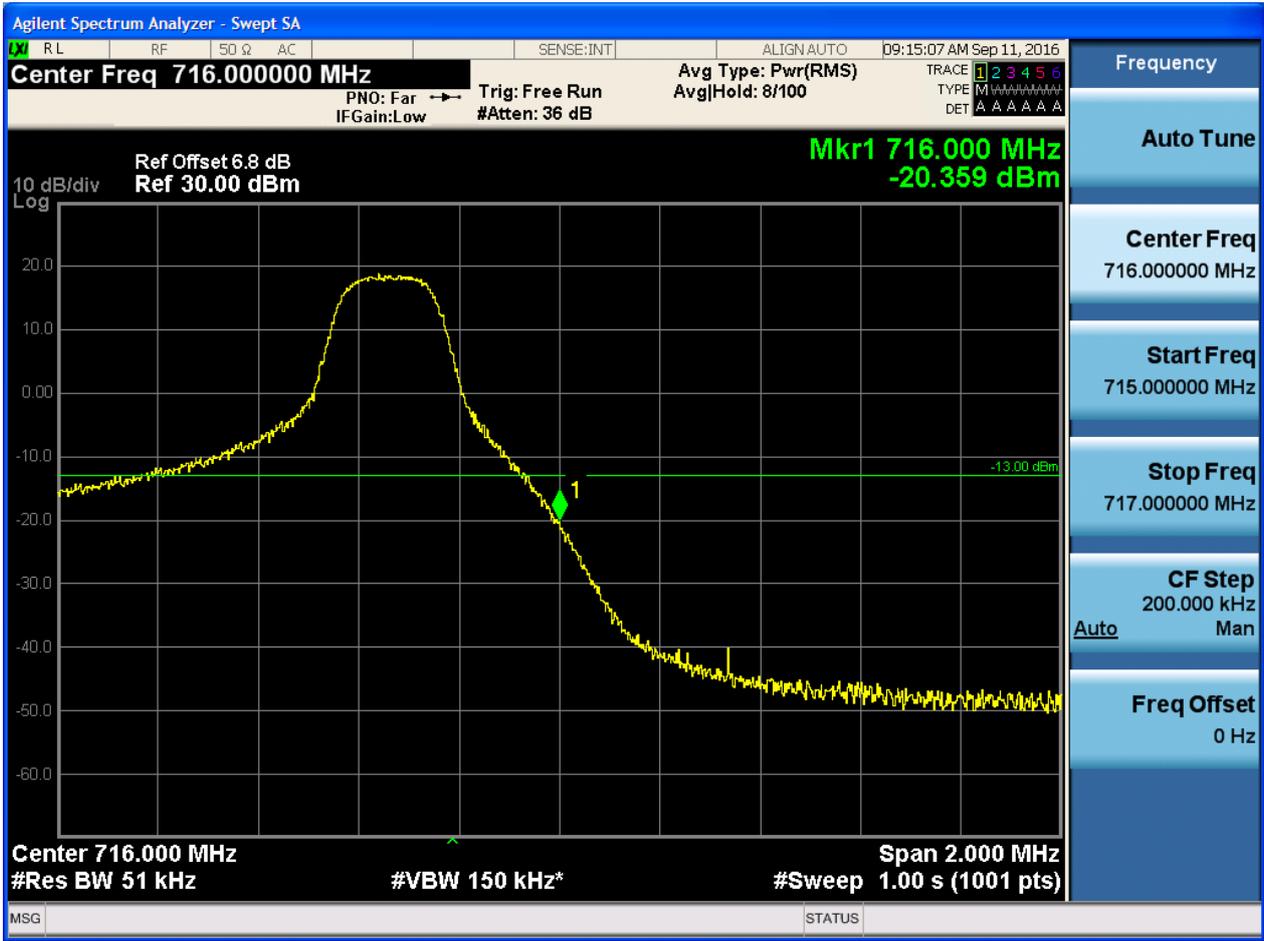
5.1.1.1.3.2 Test Channel = HCH

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

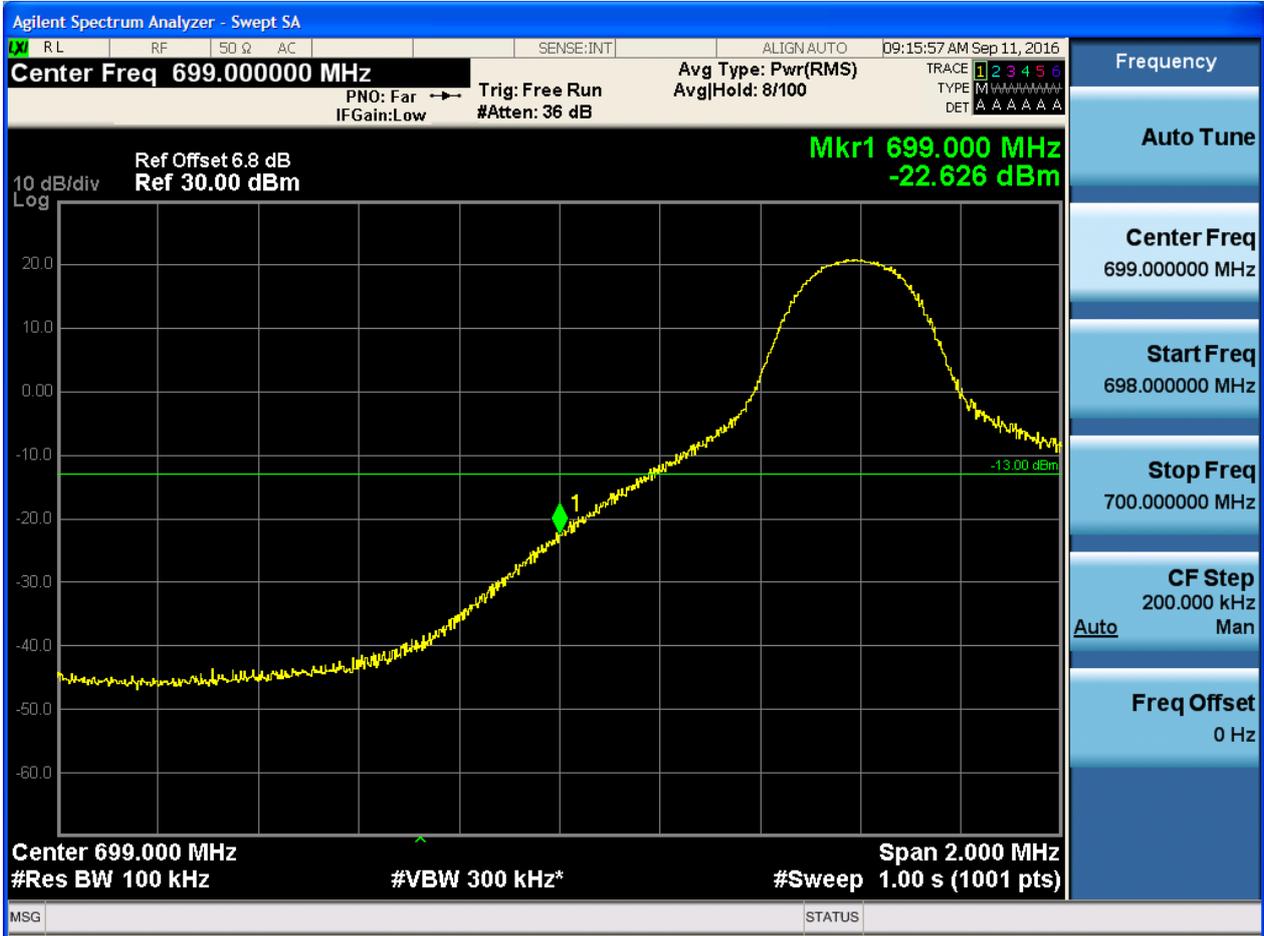




5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



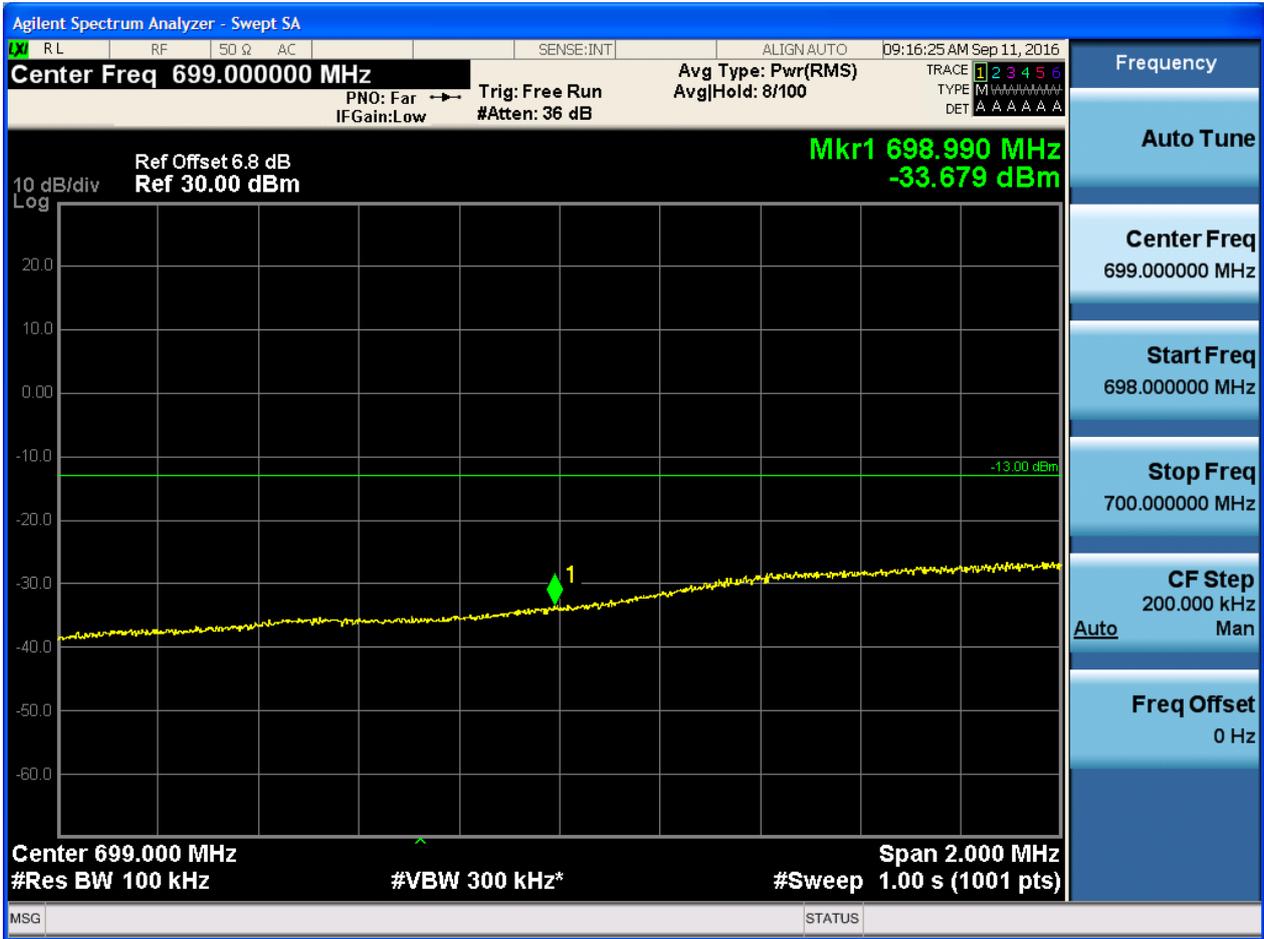


5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





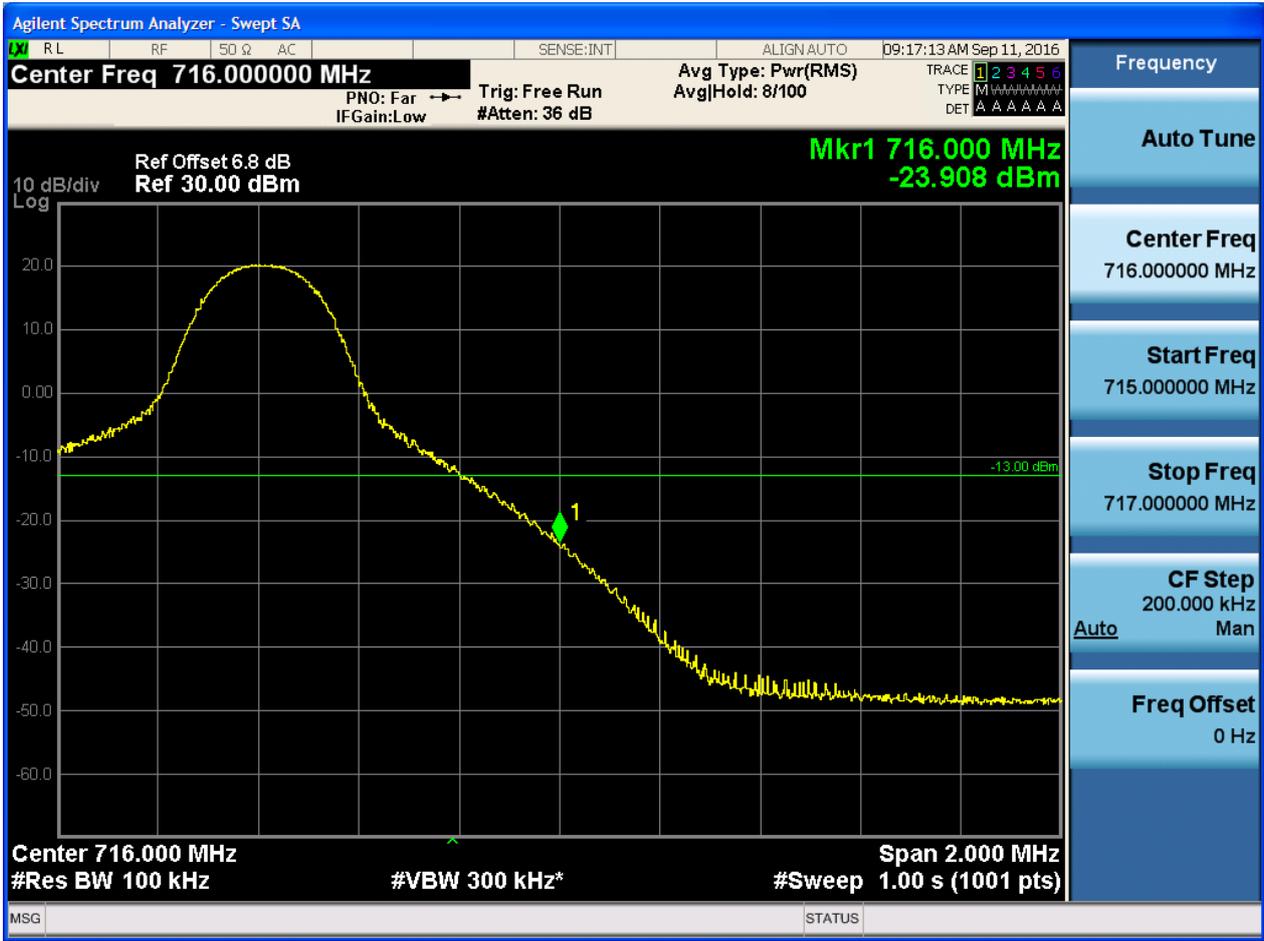
5.1.1.1.4.2 Test Channel = HCH

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







5.1.1.2.1.1.2 Test RB = RB1#5





5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB#0





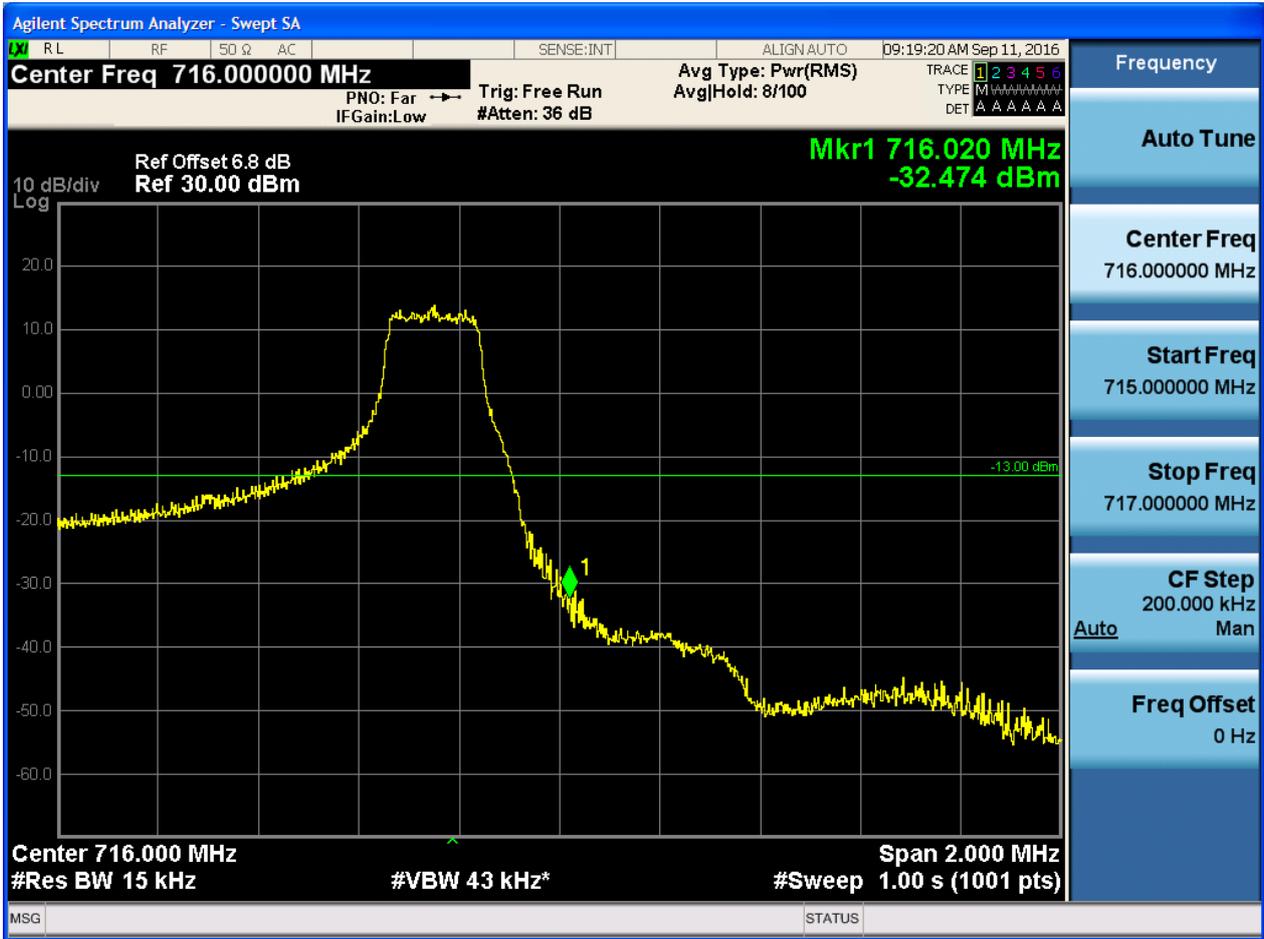
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



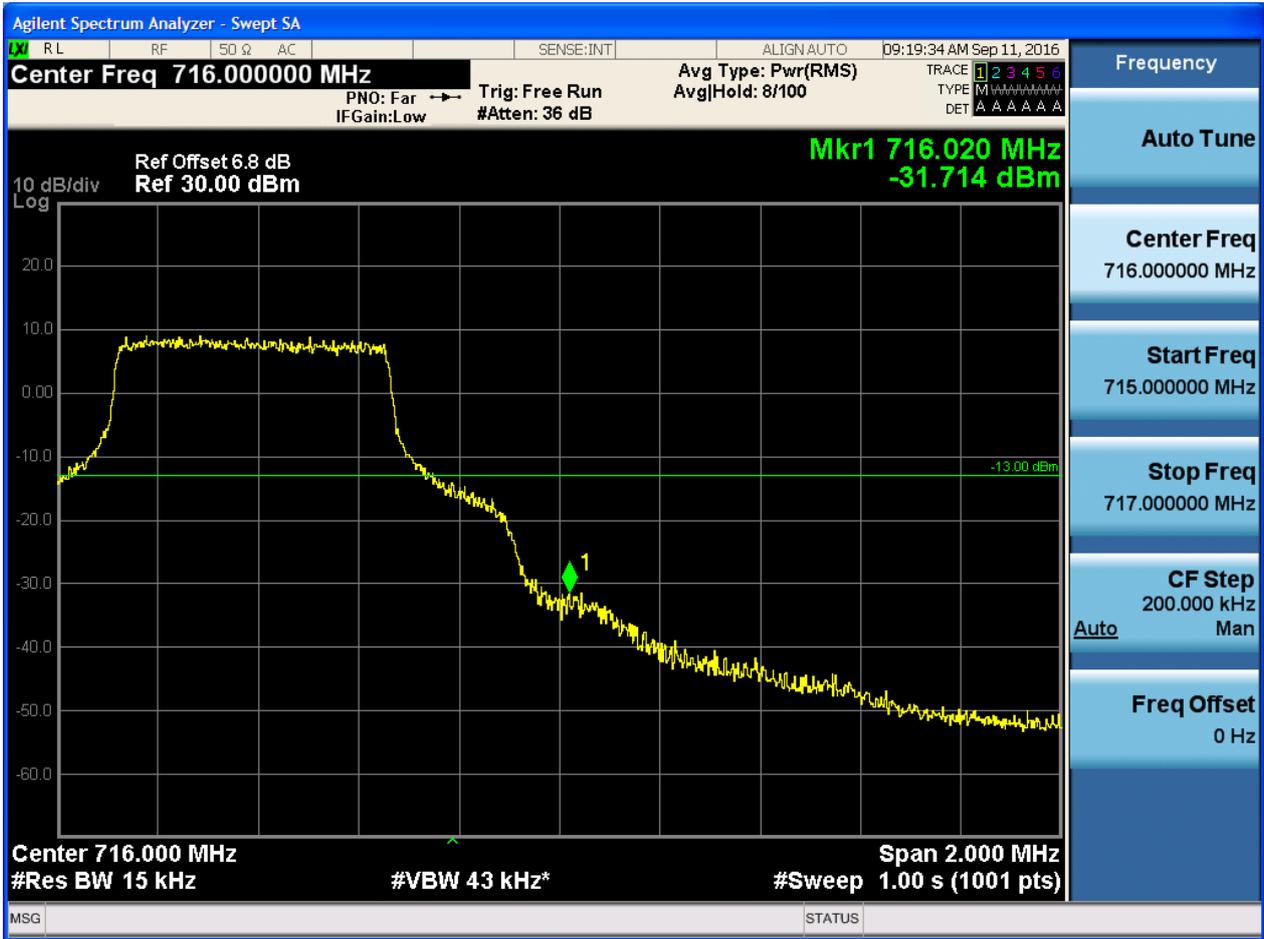


5.1.1.2.1.2.2 Test RB = RB1#5



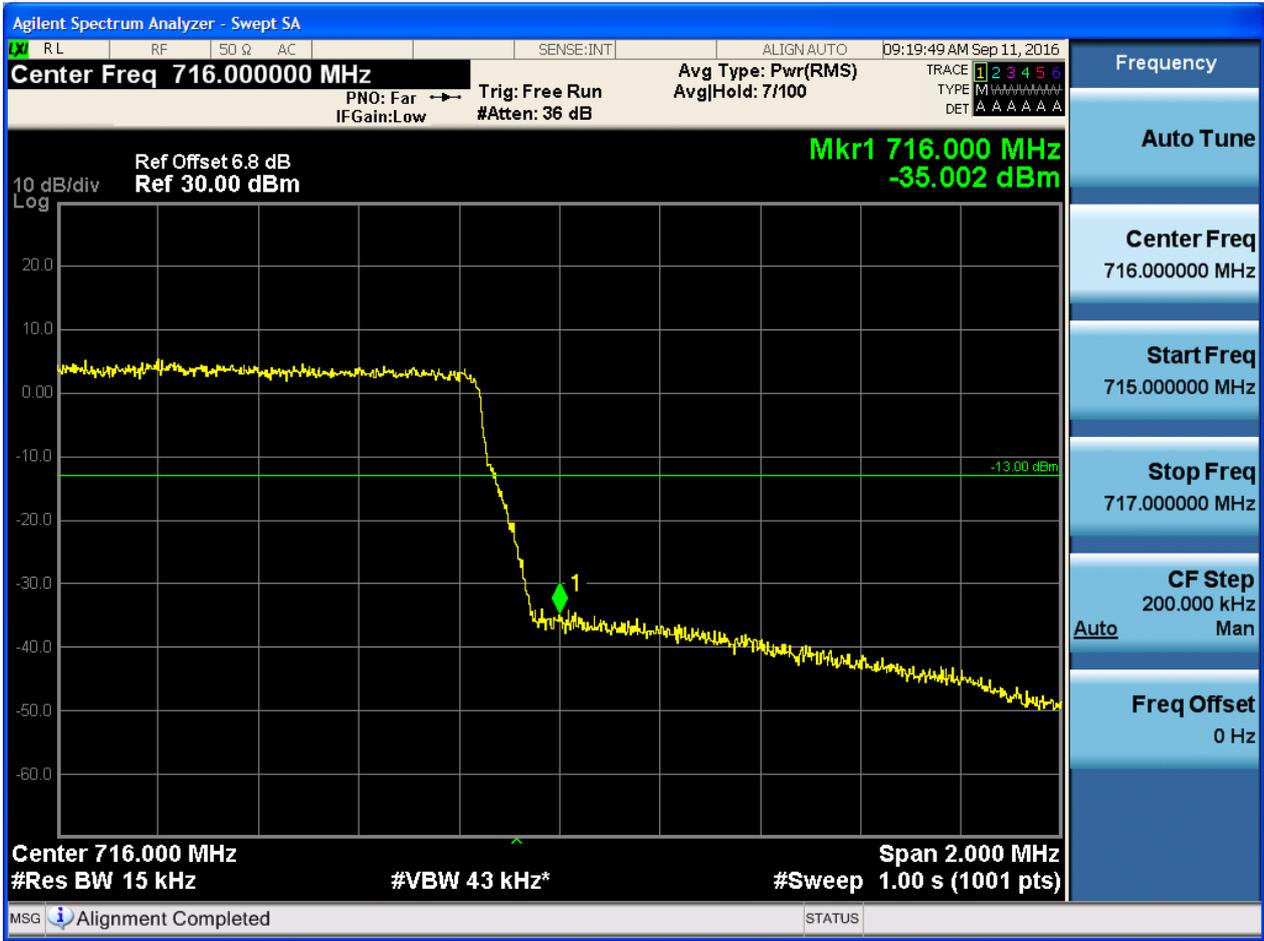


5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

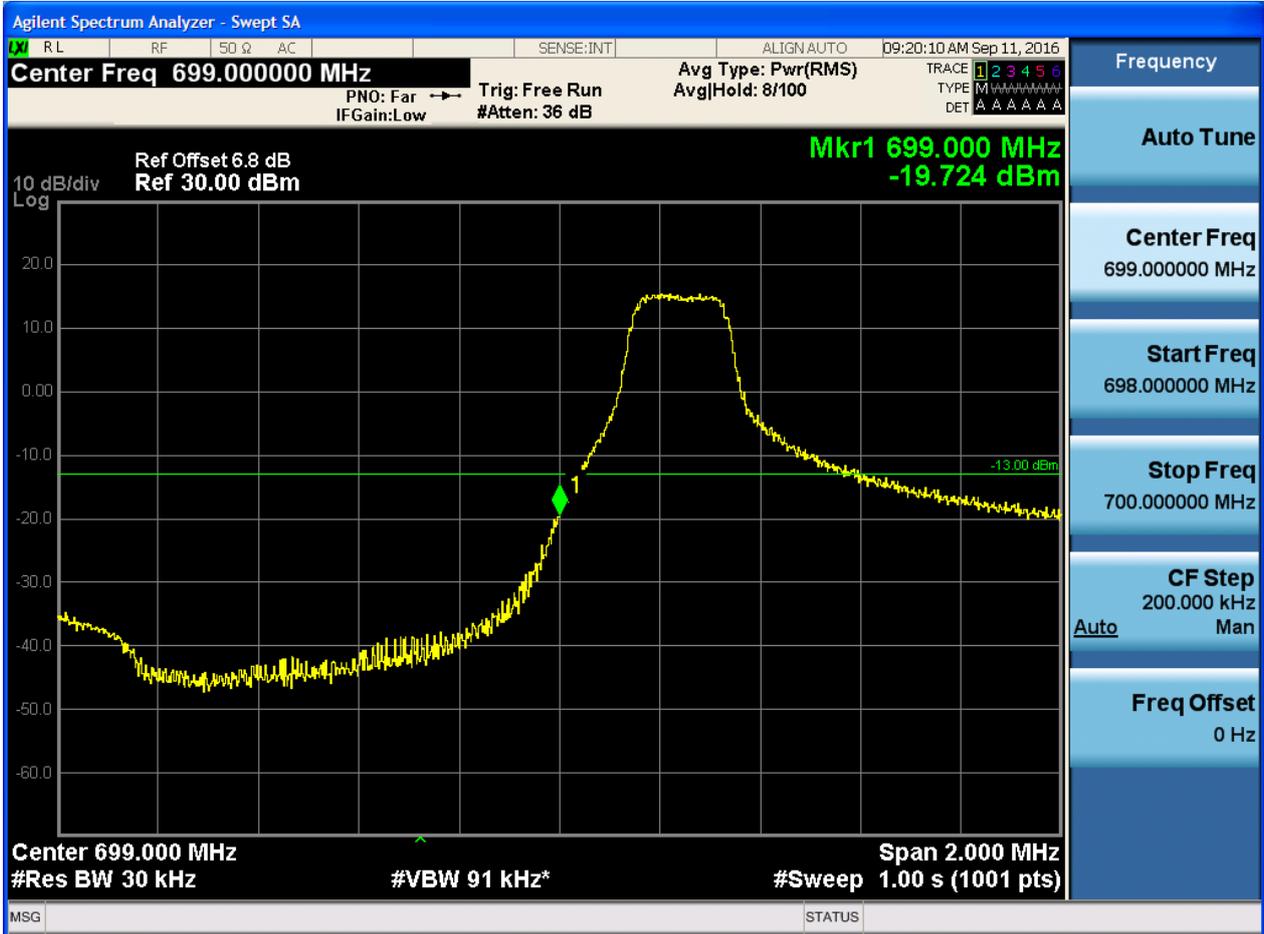




5.1.1.2.2 Test Bandwidth = 3

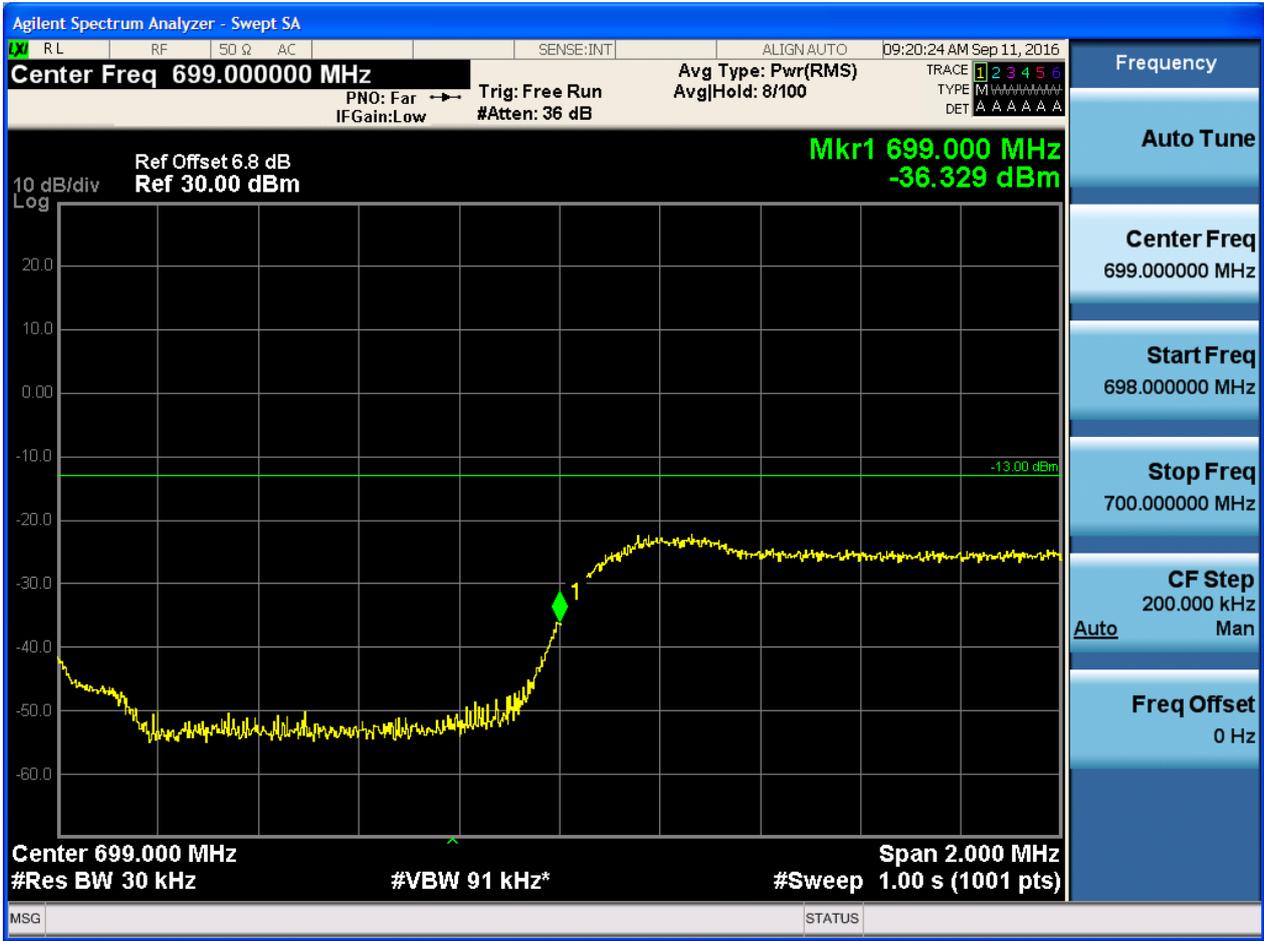
5.1.1.2.2.1 Test Channel = LCH

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 = RB#4





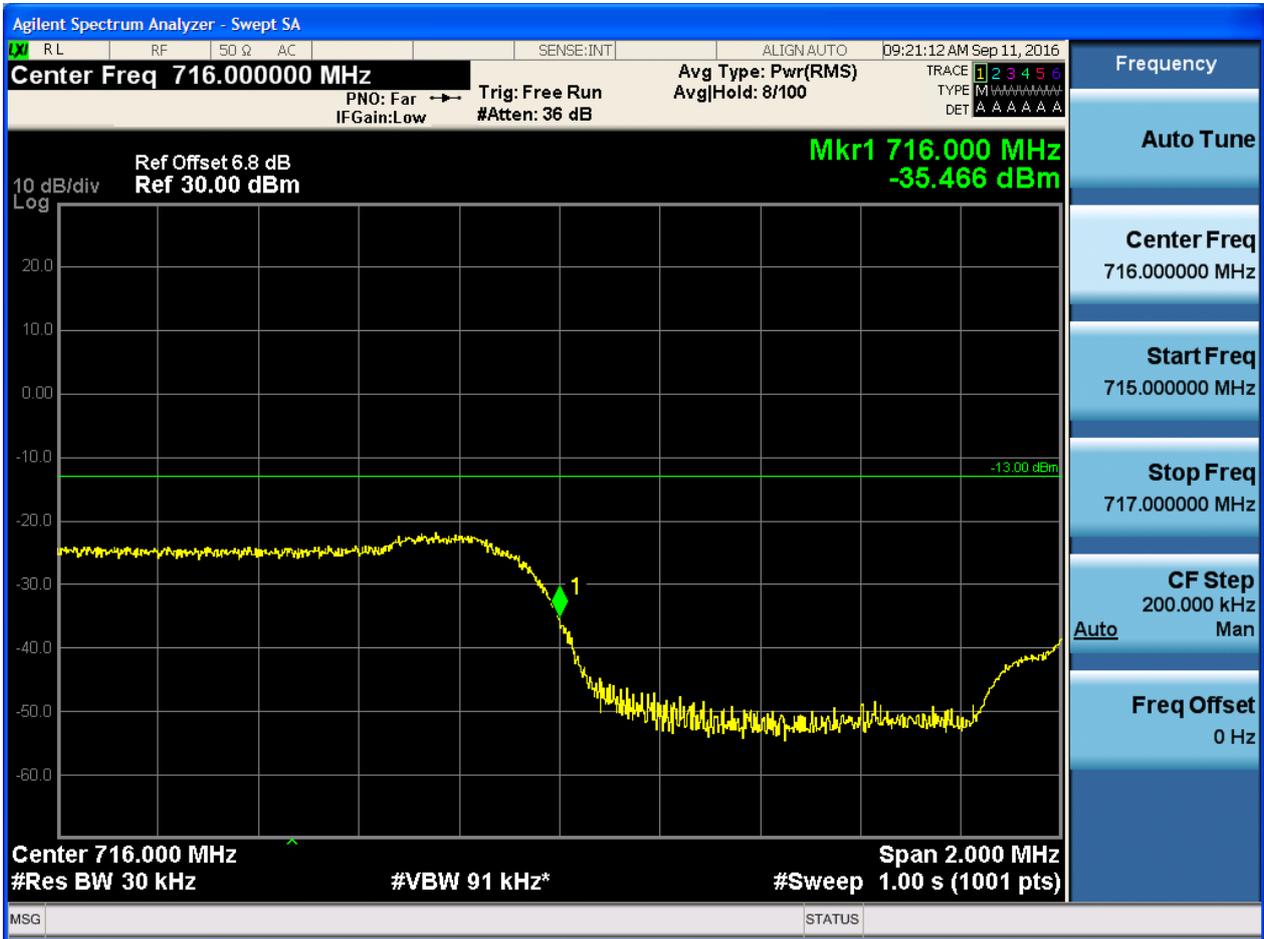
5.1.1.2.2.1.4 Test RB = RB15#0





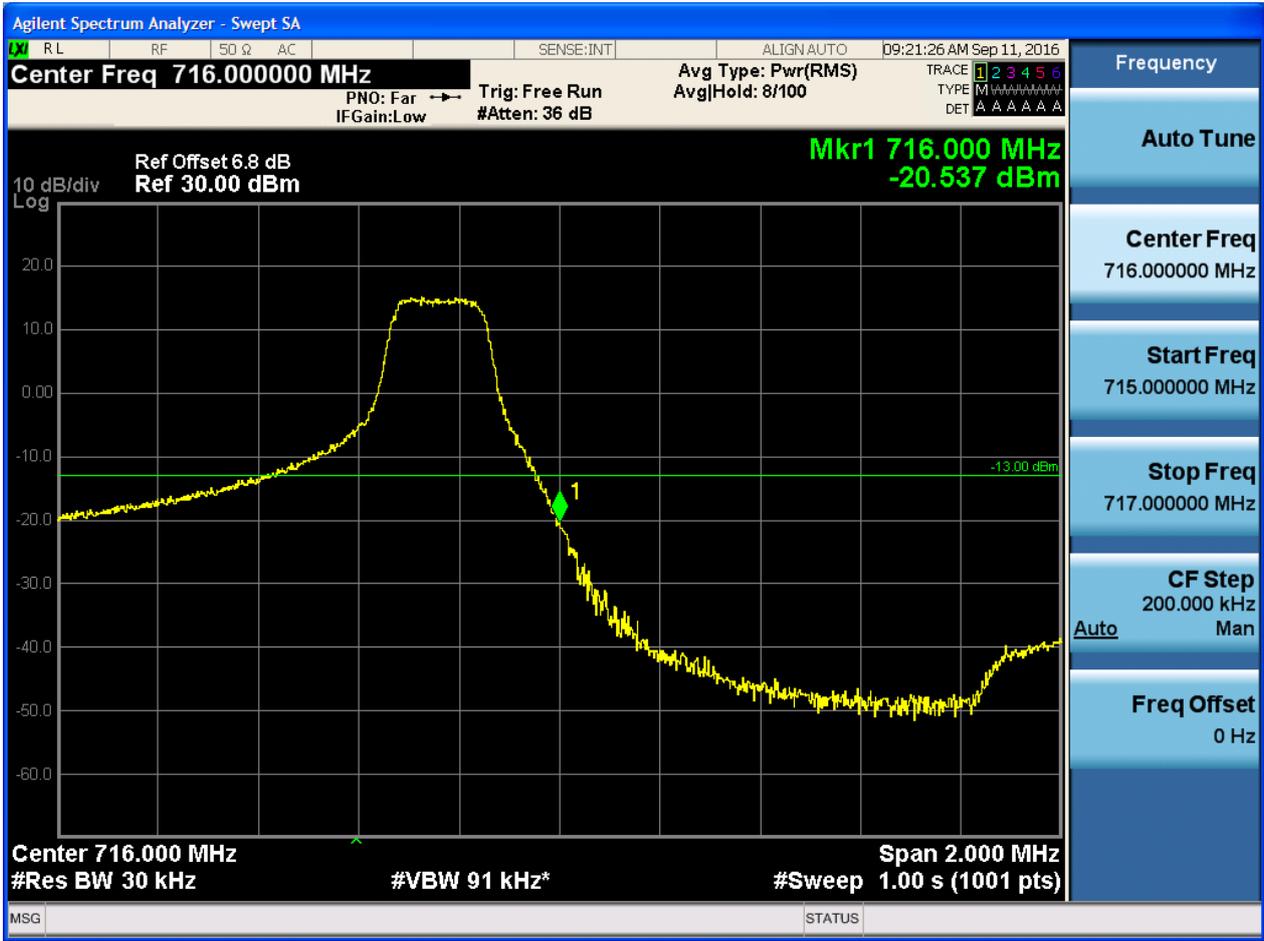
5.1.1.2.2.2 Test Channel = HCH

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 = RB#4





5.1.1.2.2.4 Test RB = RB15#0

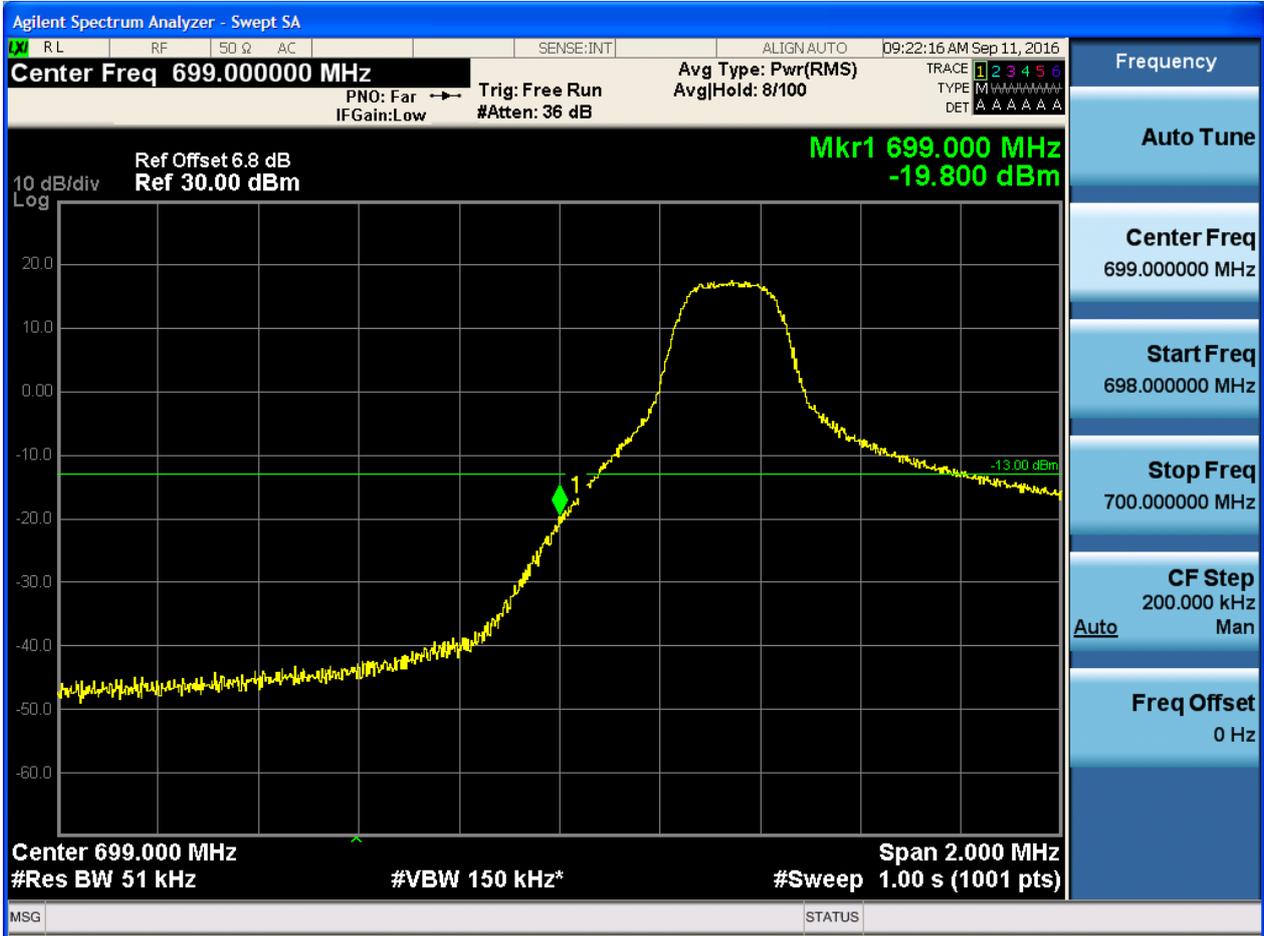




5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



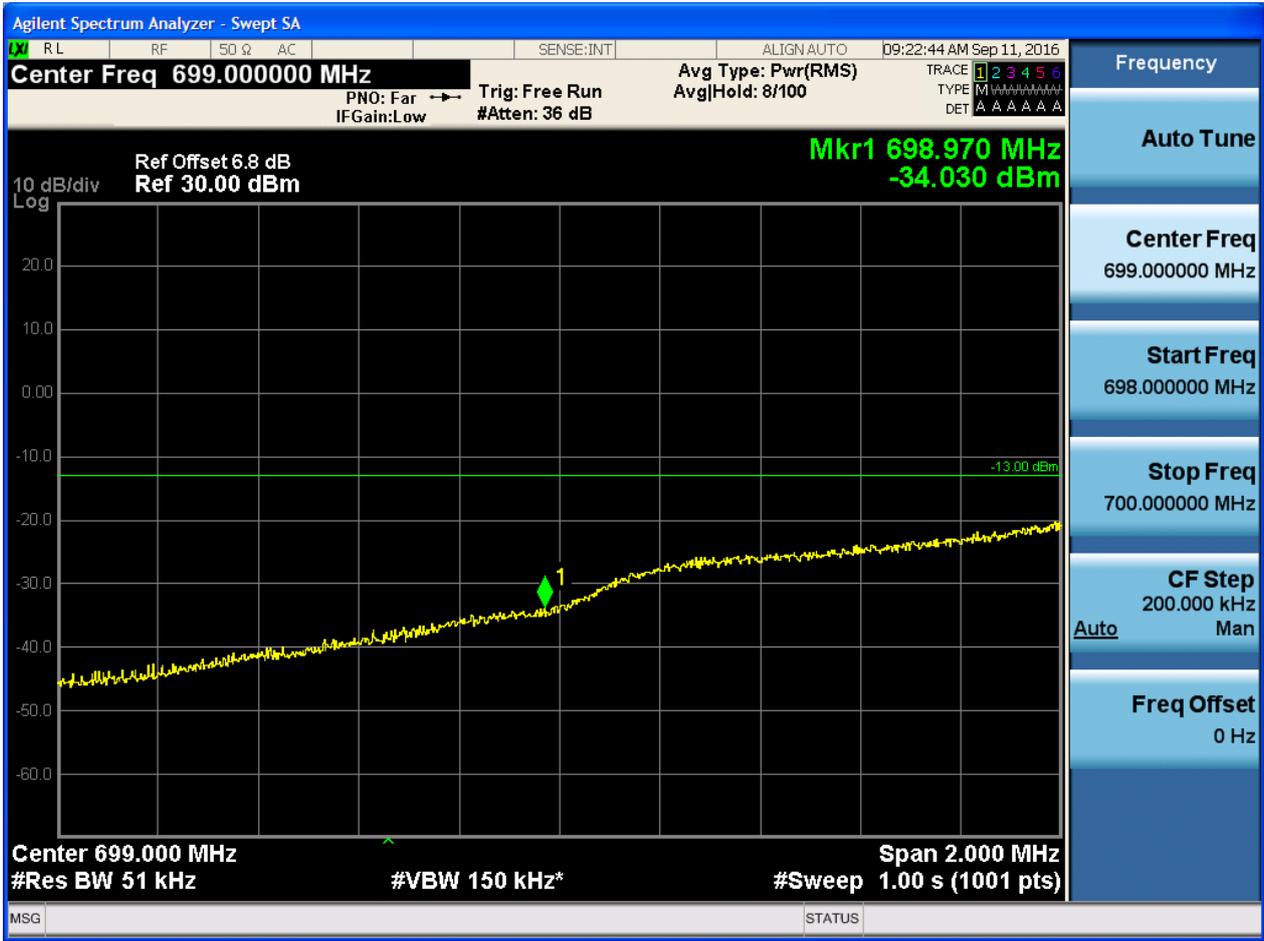


5.1.1.2.3.1.2 Test RB = RB1#24



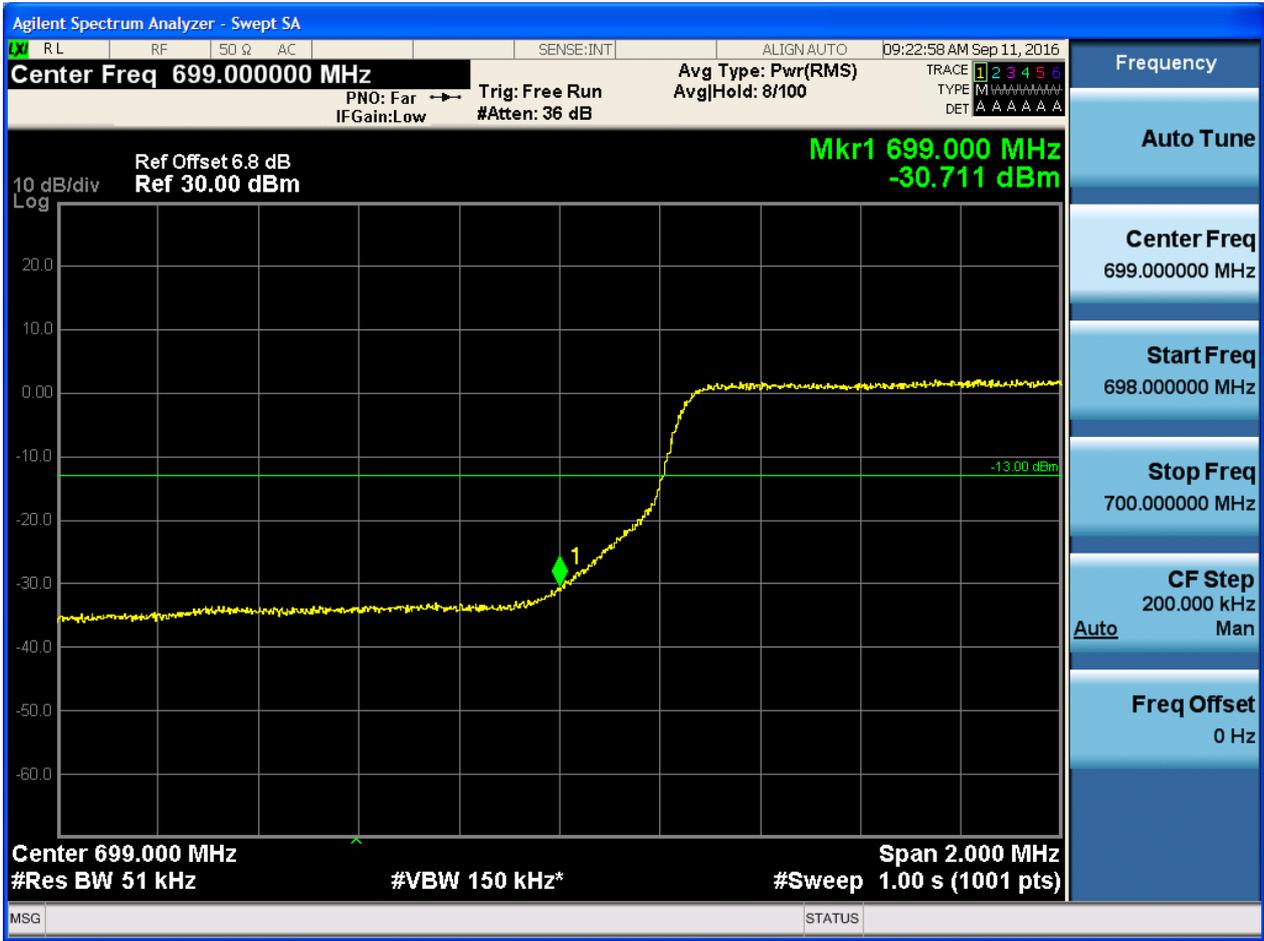


5.1.1.2.3.1.3 Test RB = RB12#6





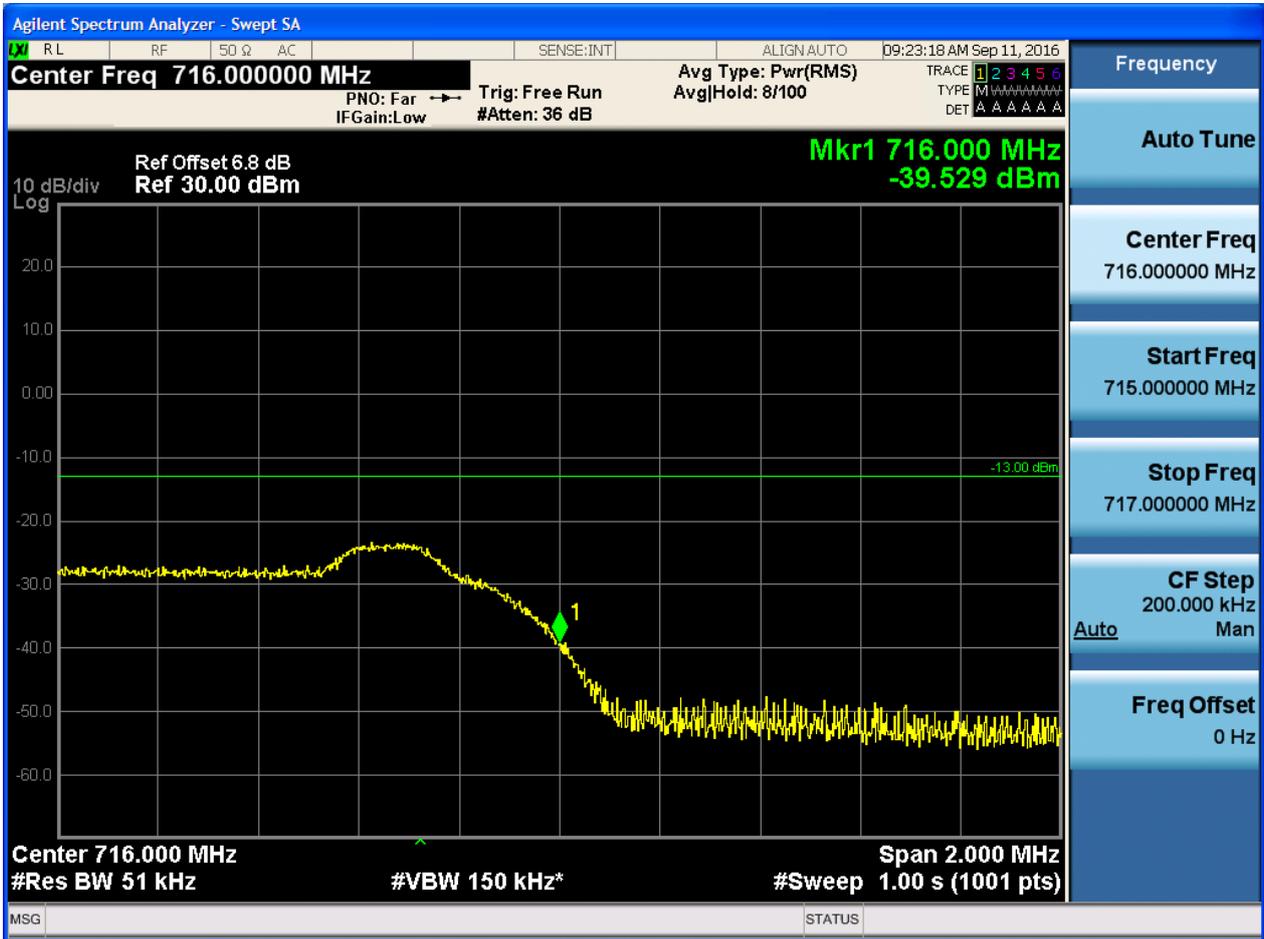
5.1.1.2.3.1.4 Test RB = RB25#0





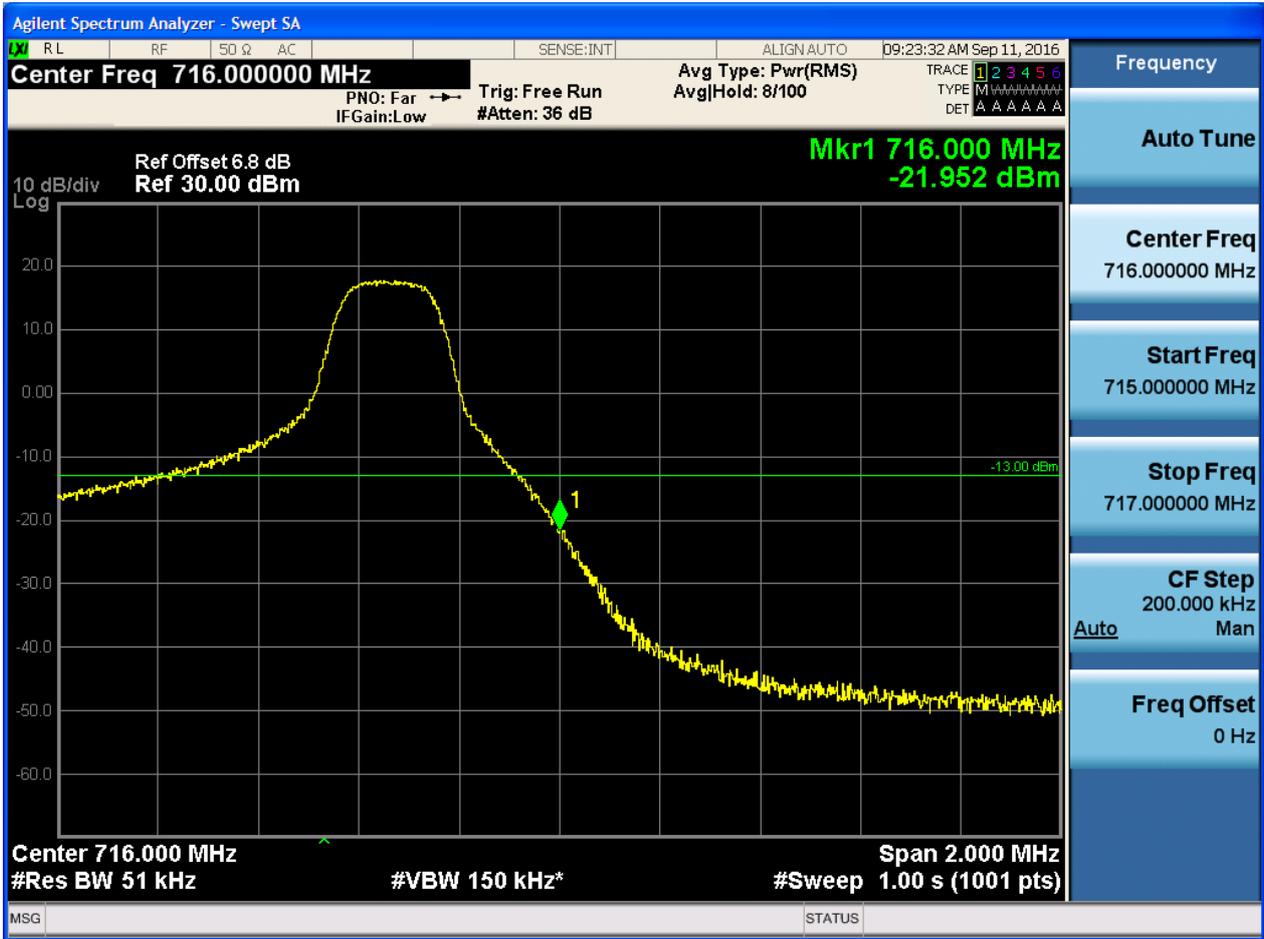
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



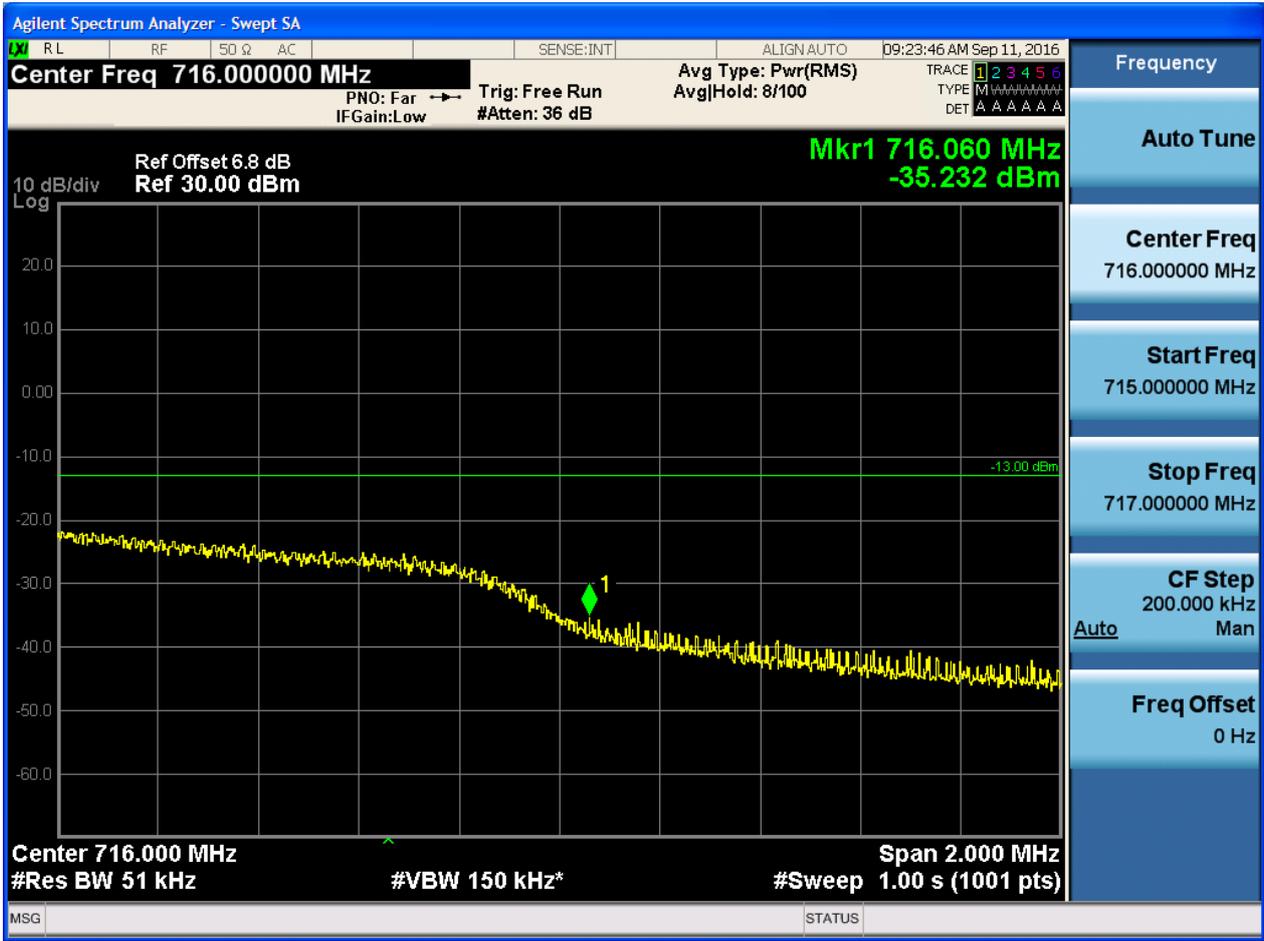


5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0

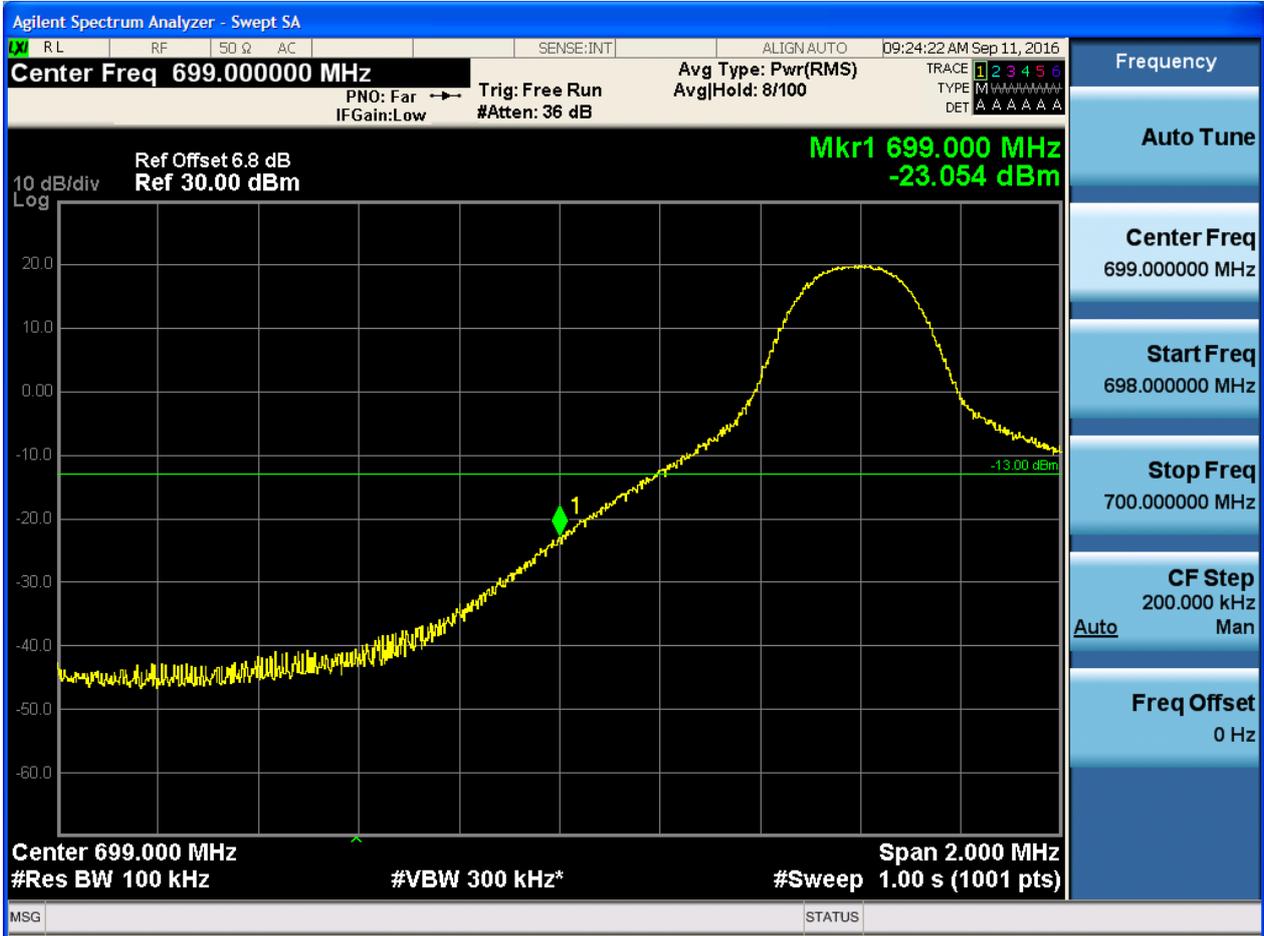




5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



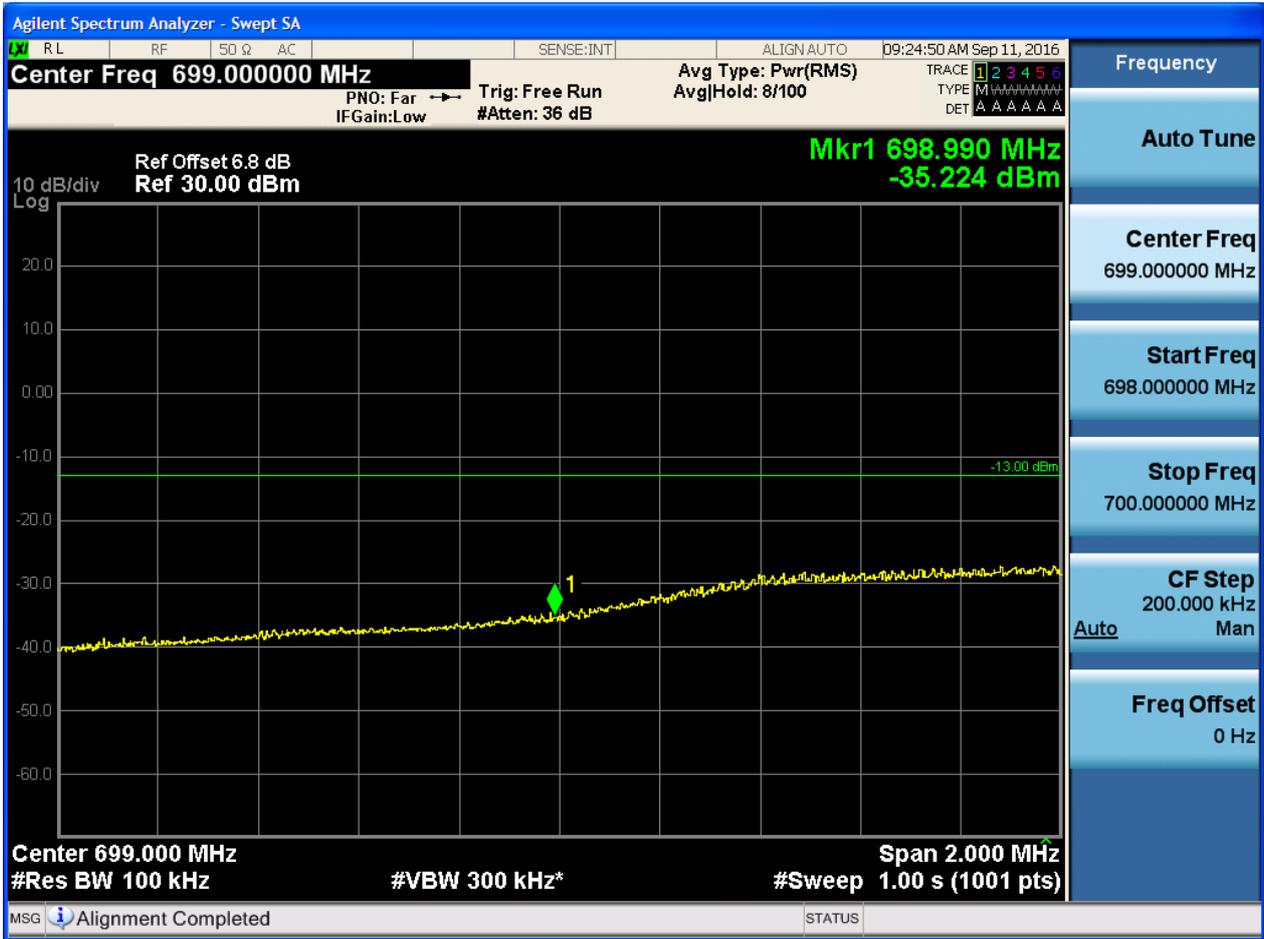


5.1.1.2.4.1.2 Test RB = RB1#49





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



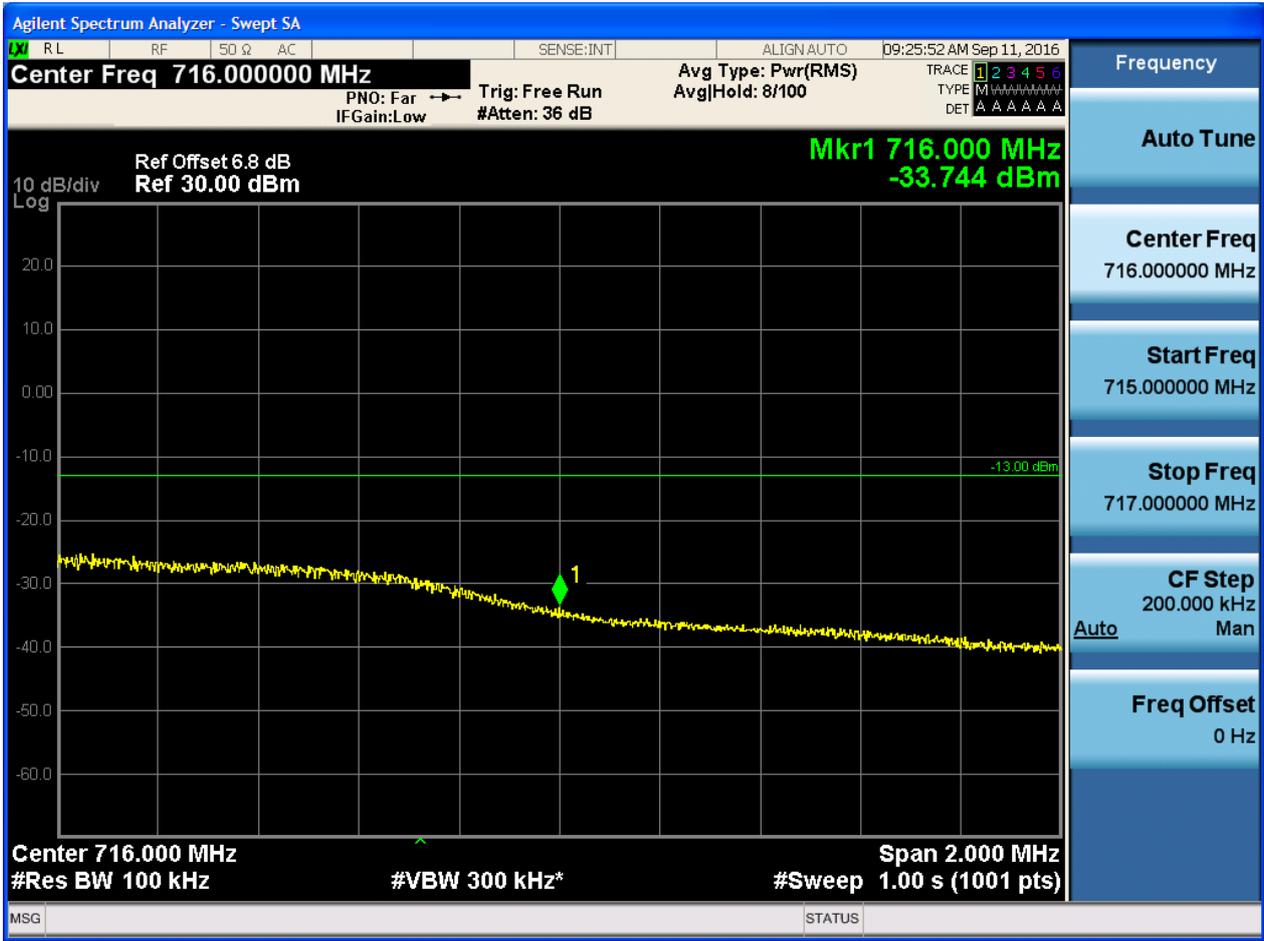


5.1.1.2.4.2.2 Test RB = RB1#49





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

