



# 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	21.88	11.24	34.7	PASS
				RB1#3	22	11.26	34.7	PASS
				RB1#5	22.04	11.40	34.7	PASS
				RB3#0	21.86	11.29	34.7	PASS
				RB3#2	21.96	11.36	34.7	PASS
				RB3#3	21.96	11.07	34.7	PASS
			MCH	RB6#0	20.94	10.14	34.7	PASS
				RB1#0	22.05	11.33	34.7	PASS
				RB1#3	22.16	11.47	34.7	PASS
				RB1#5	22.06	11.28	34.7	PASS
				RB3#0	22.14	11.32	34.7	PASS
				RB3#2	22.09	11.16	34.7	PASS
RB3#3	22.06	11.25	34.7	PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.09	10.20	34.7	PASS
			HCH	RB1#0	22.08	11.17	34.7	PASS
				RB1#3	22.2	11.47	34.7	PASS
				RB1#5	22.09	11.50	34.7	PASS
				RB3#0	22.06	11.45	34.7	PASS
				RB3#2	22.06	11.36	34.7	PASS
				RB3#3	22.05	11.33	34.7	PASS
				RB6#0	21.11	10.38	34.7	PASS
		3		LCH	RB1#0	21.62	10.94	34.7
			RB1#7		22.16	11.55	34.7	PASS
			RB1#14		21.78	10.89	34.7	PASS
			RB8#0		20.96	10.11	34.7	PASS
			RB8#4		21.04	10.34	34.7	PASS
			RB8#7		20.99	10.36	34.7	PASS
			RB15#0		20.87	10.02	34.7	PASS
			MCH	RB1#0	21.77	10.84	34.7	PASS
				RB1#7	22.14	11.42	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict		
				RB1#14	21.72	10.97	34.7	PASS		
				RB8#0	21.08	10.25	34.7	PASS		
				RB8#4	21.1	10.47	34.7	PASS		
				RB8#7	21.03	10.26	34.7	PASS		
				RB15#0	21.02	10.35	34.7	PASS		
			HCH	RB1#0	21.95	11.29	34.7	PASS		
				RB1#7	22.26	11.58	34.7	PASS		
				RB1#14	21.92	11.03	34.7	PASS		
				RB8#0	21.07	10.18	34.7	PASS		
				RB8#4	21.1	10.39	34.7	PASS		
		5	LCH	RB8#7	21.02	10.33	34.7	PASS		
				RB15#0	21.03	10.30	34.7	PASS		
				RB1#0	22.07	11.24	34.7	PASS		
				RB1#13	22.61	11.69	34.7	PASS		
				RB1#24	22.09	11.26	34.7	PASS		
						RB12#0	21.37	10.47	34.7	PASS
						RB12#6	21.59	10.83	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict			
				RB12#13	21.4	10.55	34.7	PASS			
				RB25#0	21.38	10.81	34.7	PASS			
			MCH	RB1#0	22.22	11.52	34.7	PASS			
				RB1#13	22.6	11.98	34.7	PASS			
				RB1#24	22.04	11.36	34.7	PASS			
				RB12#0	21.43	10.87	34.7	PASS			
				RB12#6	21.63	11.08	34.7	PASS			
				RB12#13	21.35	10.62	34.7	PASS			
				RB25#0	21.42	10.67	34.7	PASS			
				HCH	RB1#0	22.23	11.60	34.7	PASS		
			RB1#13		22.58	11.65	34.7	PASS			
			RB1#24		22.14	11.54	34.7	PASS			
			RB12#0		21.5	10.58	34.7	PASS			
			RB12#6		21.59	10.75	34.7	PASS			
			RB12#13		21.39	10.66	34.7	PASS			
							RB25#0	21.43	10.62	34.7	PASS
					10	LCH	RB1#0	21.82	11.05	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.61	11.69	34.7	PASS
				RB1#49	21.7	10.80	34.7	PASS
				RB25#0	21.27	10.66	34.7	PASS
				RB25#13	21.43	10.78	34.7	PASS
				RB25#25	21.13	10.48	34.7	PASS
				RB50#0	21.24	10.33	34.7	PASS
			MCH	RB1#0	21.92	11.17	34.7	PASS
				RB1#25	22.66	12.00	34.7	PASS
				RB1#49	21.7	10.91	34.7	PASS
				RB25#0	21.37	10.65	34.7	PASS
				RB25#13	21.43	10.68	34.7	PASS
				RB25#25	21.16	10.43	34.7	PASS
				RB50#0	21.22	10.47	34.7	PASS
			HCH	RB1#0	22.02	11.45	34.7	PASS
				RB1#25	22.64	11.82	34.7	PASS
				RB1#49	21.87	11.23	34.7	PASS
				RB25#0	21.36	10.50	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB25#13	21.51	10.62	34.7	PASS	
				RB25#25	21.16	10.54	34.7	PASS	
				RB50#0	21.25	10.32	34.7	PASS	
	LTE/TM2	1.4		LCH	RB1#0	21.13	10.51	34.7	PASS
					RB1#3	21.28	10.65	34.7	PASS
					RB1#5	21.25	10.38	34.7	PASS
					RB3#0	21.09	10.36	34.7	PASS
					RB3#2	21.16	10.26	34.7	PASS
					RB3#3	21.12	10.22	34.7	PASS
					RB6#0	20.95	10.06	34.7	PASS
				MCH	RB1#0	21.18	10.47	34.7	PASS
					RB1#3	21.24	10.49	34.7	PASS
					RB1#5	21.11	10.49	34.7	PASS
					RB3#0	21.3	10.60	34.7	PASS
					RB3#2	21.27	10.35	34.7	PASS
				RB3#3	21.22	10.56	34.7	PASS	
				RB6#0	21.11	10.47	34.7	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.97	10.10	34.7	PASS
				RB1#3	21.08	10.27	34.7	PASS
				RB1#5	21	10.41	34.7	PASS
				RB3#0	21.04	10.29	34.7	PASS
				RB3#2	21.1	10.19	34.7	PASS
				RB3#3	21.09	10.42	34.7	PASS
				RB6#0	21.03	10.47	34.7	PASS
		3	LCH	RB1#0	20.84	9.93	34.7	PASS
				RB1#7	21.32	10.69	34.7	PASS
				RB1#14	20.88	10.04	34.7	PASS
				RB8#0	20.96	10.16	34.7	PASS
				RB8#4	21.01	10.46	34.7	PASS
				RB8#7	20.95	10.39	34.7	PASS
				RB15#0	20.79	10.17	34.7	PASS
			MCH	RB1#0	21.01	10.20	34.7	PASS
				RB1#7	21.53	10.81	34.7	PASS
				RB1#14	20.96	10.19	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB8#0	20.99	10.05	34.7	PASS	
				RB8#4	20.99	10.05	34.7	PASS	
				RB8#7	21.05	10.18	34.7	PASS	
				RB15#0	20.97	10.37	34.7	PASS	
			HCH	RB1#0	20.93	10.24	34.7	PASS	
				RB1#7	21.21	10.33	34.7	PASS	
				RB1#14	20.93	10.20	34.7	PASS	
				RB8#0	21.03	10.20	34.7	PASS	
				RB8#4	21.03	10.20	34.7	PASS	
				RB8#7	20.95	10.35	34.7	PASS	
				RB15#0	20.96	10.27	34.7	PASS	
				5	LCH	RB1#0	21.06	10.21	34.7
			RB1#13			21.61	10.79	34.7	PASS
			RB1#24			21.15	10.37	34.7	PASS
		RB12#0	21.35			10.77	34.7	PASS	
		RB12#6	21.56			10.86	34.7	PASS	
		RB12#13	21.39			10.45	34.7	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.33	10.65	34.7	PASS
			MCH	RB1#0	21.27	10.42	34.7	PASS
				RB1#13	21.64	10.71	34.7	PASS
				RB1#24	20.99	10.23	34.7	PASS
				RB12#0	21.41	10.51	34.7	PASS
				RB12#6	21.58	10.99	34.7	PASS
				RB12#13	21.32	10.48	34.7	PASS
				RB25#0	21.37	10.47	34.7	PASS
				HCH	RB1#0	21.49	10.73	34.7
			RB1#13		21.84	11.16	34.7	PASS
			RB1#24		21.51	10.76	34.7	PASS
			RB12#0		21.47	10.76	34.7	PASS
			RB12#6		21.55	10.82	34.7	PASS
			RB12#13		21.34	10.60	34.7	PASS
			RB25#0		21.35	10.50	34.7	PASS
		10	LCH	RB1#0	20.82	10.26	34.7	PASS
				RB1#25	21.72	10.96	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	20.74	9.82	34.7	PASS
				RB25#0	21.25	10.56	34.7	PASS
				RB25#13	21.41	10.70	34.7	PASS
				RB25#25	21.11	10.26	34.7	PASS
				RB50#0	21.19	10.62	34.7	PASS
			MCH	RB1#0	20.97	10.17	34.7	PASS
			MCH	RB1#25	21.74	11.09	34.7	PASS
			MCH	RB1#49	20.76	9.90	34.7	PASS
			MCH	RB25#0	21.29	10.53	34.7	PASS
			MCH	RB25#13	21.38	10.54	34.7	PASS
			MCH	RB25#25	21.12	10.21	34.7	PASS
			MCH	RB50#0	21.16	10.41	34.7	PASS
			HCH	RB1#0	21.19	10.41	34.7	PASS
			HCH	RB1#25	21.71	11.14	34.7	PASS
			HCH	RB1#49	20.91	10.24	34.7	PASS
			HCH	RB25#0	21.28	10.48	34.7	PASS
			HCH	RB25#13	21.41	10.84	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.11	10.17	34.7	PASS
				RB50#0	21.22	10.60	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:

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

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

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

SET Sweep time=auto-couple.

Detector:RMS

## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND12	LTE/TM1	1.4	LCH	RB1#0	5.15	13	PASS
				RB1#3	5.07	13	PASS
				RB1#5	5.06	13	PASS
				RB3#0	5.69	13	PASS
				RB3#2	5.62	13	PASS
				RB3#3	5.67	13	PASS
			RB6#0	5.99	13	PASS	
			MCH	RB1#0	5.35	13	PASS
				RB1#3	5.35	13	PASS
				RB1#5	5.43	13	PASS
				RB3#0	5.7	13	PASS
				RB3#2	5.78	13	PASS
				RB3#3	5.7	13	PASS
			HCH	RB6#0	5.84	13	PASS
				RB1#0	4.63	13	PASS
				RB1#3	4.52	13	PASS
				RB1#5	4.57	13	PASS
				RB3#0	4.79	13	PASS
		RB3#2		4.65	13	PASS	
		3	LCH	RB3#3	4.73	13	PASS
				RB6#0	5.26	13	PASS
				RB1#0	5.38	13	PASS
				RB1#7	5.09	13	PASS
				RB1#14	5.28	13	PASS
				RB8#0	5.78	13	PASS
			RB8#4	5.76	13	PASS	
			RB8#7	5.79	13	PASS	
RB15#0	5.91		13	PASS			
MCH	RB1#0	5.41	13	PASS			
	RB1#7	5	13	PASS			
	RB1#14	5.07	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.87	13	PASS
				RB8#4	5.86	13	PASS
				RB8#7	5.87	13	PASS
				RB15#0	6.09	13	PASS
			HCH	RB1#0	4.96	13	PASS
				RB1#7	4.49	13	PASS
				RB1#14	4.58	13	PASS
				RB8#0	5.29	13	PASS
				RB8#4	5.22	13	PASS
				RB8#7	5.06	13	PASS
			RB15#0	5.52	13	PASS	
			LCH	RB1#0	5.26	13	PASS
				RB1#13	4.93	13	PASS
				RB1#24	5.19	13	PASS
		RB12#0		5.59	13	PASS	
		RB12#6		5.43	13	PASS	
		RB12#13		5.54	13	PASS	
		RB25#0		5.93	13	PASS	
		MCH	RB1#0	5.22	13	PASS	
			RB1#13	5.07	13	PASS	
			RB1#24	5.17	13	PASS	
			RB12#0	5.69	13	PASS	
			RB12#6	5.66	13	PASS	
			RB12#13	5.79	13	PASS	
		RB25#0	6	13	PASS		
		HCH	RB1#0	4.91	13	PASS	
			RB1#13	4.53	13	PASS	
			RB1#24	4.41	13	PASS	
			RB12#0	5.42	13	PASS	
			RB12#6	5.08	13	PASS	
			RB12#13	5.07	13	PASS	
		RB25#0	5.67	13	PASS		
10	LCH	RB1#0	5.35	13	PASS		
		RB1#25	5.22	13	PASS		
		RB1#49	5.58	13	PASS		
		RB25#0	5.98	13	PASS		
		RB25#13	5.9	13	PASS		
		RB25#25	6.11	13	PASS		
		RB50#0	6.19	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	5.16	13	PASS	
				RB1#25	5.12	13	PASS	
				RB1#49	5.02	13	PASS	
				RB25#0	5.9	13	PASS	
				RB25#13	5.92	13	PASS	
				RB25#25	5.86	13	PASS	
				RB50#0	6.28	13	PASS	
			HCH	RB1#0	5.37	13	PASS	
				RB1#25	4.98	13	PASS	
				RB1#49	4.82	13	PASS	
				RB25#0	5.95	13	PASS	
				RB25#13	5.67	13	PASS	
				RB25#25	5.53	13	PASS	
				RB50#0	6	13	PASS	
	LTE/TM2	1.4	LCH	RB1#0	5.76	13	PASS	
				RB1#3	5.74	13	PASS	
				RB1#5	5.69	13	PASS	
				RB3#0	5.87	13	PASS	
				RB3#2	5.83	13	PASS	
				RB3#3	5.75	13	PASS	
				RB6#0	6.41	13	PASS	
				MCH	RB1#0	5.95	13	PASS
					RB1#3	5.82	13	PASS
					RB1#5	6.03	13	PASS
					RB3#0	5.99	13	PASS
					RB3#2	6.04	13	PASS
					RB3#3	6.07	13	PASS
				HCH	RB6#0	6.52	13	PASS
			RB1#0		5	13	PASS	
			RB1#3		5.01	13	PASS	
			RB1#5		4.84	13	PASS	
			RB3#0		5.23	13	PASS	
RB3#2	5.03	13	PASS					
3	LCH	RB3#3	5.13	13	PASS			
		RB6#0	5.72	13	PASS			
		RB1#0	6.01	13	PASS			
		RB1#7	5.62	13	PASS			
				RB1#14	5.84	13	PASS	
				RB8#0	6.22	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	6.29	13	PASS	
				RB8#7	6.44	13	PASS	
				RB15#0	6.37	13	PASS	
			MCH	RB1#0	6.04	13	PASS	
				RB1#7	5.88	13	PASS	
				RB1#14	6.01	13	PASS	
				RB8#0	6.23	13	PASS	
				RB8#4	6.28	13	PASS	
				RB8#7	6.23	13	PASS	
				RB15#0	6.39	13	PASS	
			HCH	RB1#0	5.59	13	PASS	
				RB1#7	4.9	13	PASS	
				RB1#14	5.04	13	PASS	
				RB8#0	5.53	13	PASS	
				RB8#4	5.34	13	PASS	
				RB8#7	5.4	13	PASS	
			5	LCH	RB1#0	5.77	13	PASS
					RB1#13	5.65	13	PASS
		RB1#24			5.71	13	PASS	
		RB12#0			5.94	13	PASS	
		RB12#6			5.83	13	PASS	
		RB12#13			5.98	13	PASS	
		RB25#0			6.5	13	PASS	
		MCH		RB1#0	5.72	13	PASS	
				RB1#13	5.81	13	PASS	
				RB1#24	5.75	13	PASS	
				RB12#0	6.15	13	PASS	
				RB12#6	6.01	13	PASS	
				RB12#13	6.16	13	PASS	
		HCH		RB25#0	6.45	13	PASS	
				RB1#0	5.53	13	PASS	
			RB1#13	5.16	13	PASS		
			RB1#24	5.51	13	PASS		
RB12#0	5.6		13	PASS				
RB12#6	5.31		13	PASS				
10	LCH	RB12#13	5.21	13	PASS			
		RB25#0	5.87	13	PASS			
			LCH	RB1#0	5.16	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.65	13	PASS
				RB1#49	5.45	13	PASS
				RB25#0	6.08	13	PASS
				RB25#13	6.09	13	PASS
				RB25#25	6.34	13	PASS
				RB50#0	6.64	13	PASS
			MCH	RB1#0	5.21	13	PASS
				RB1#25	5.72	13	PASS
				RB1#49	5.13	13	PASS
				RB25#0	6.18	13	PASS
				RB25#13	6.27	13	PASS
				RB25#25	6.2	13	PASS
			HCH	RB50#0	6.65	13	PASS
				RB1#0	5.21	13	PASS
				RB1#25	5.23	13	PASS
				RB1#49	5.53	13	PASS
				RB25#0	6.27	13	PASS
				RB25#13	5.91	13	PASS
			RB25#25	5.72	13	PASS	
			RB50#0	6.19	13	PASS	

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

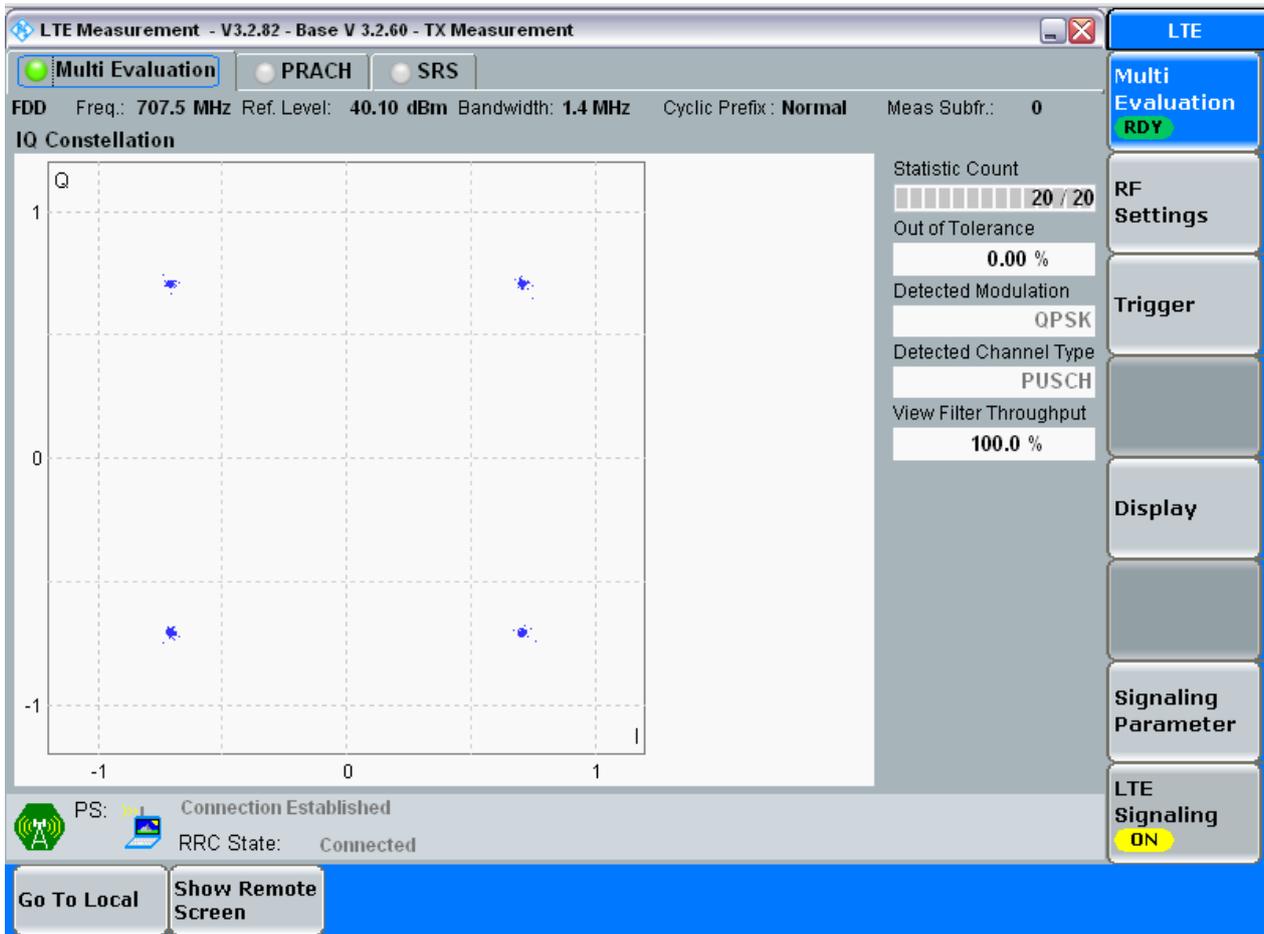
##### 3.1.1 Test Band = BAND12

##### 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

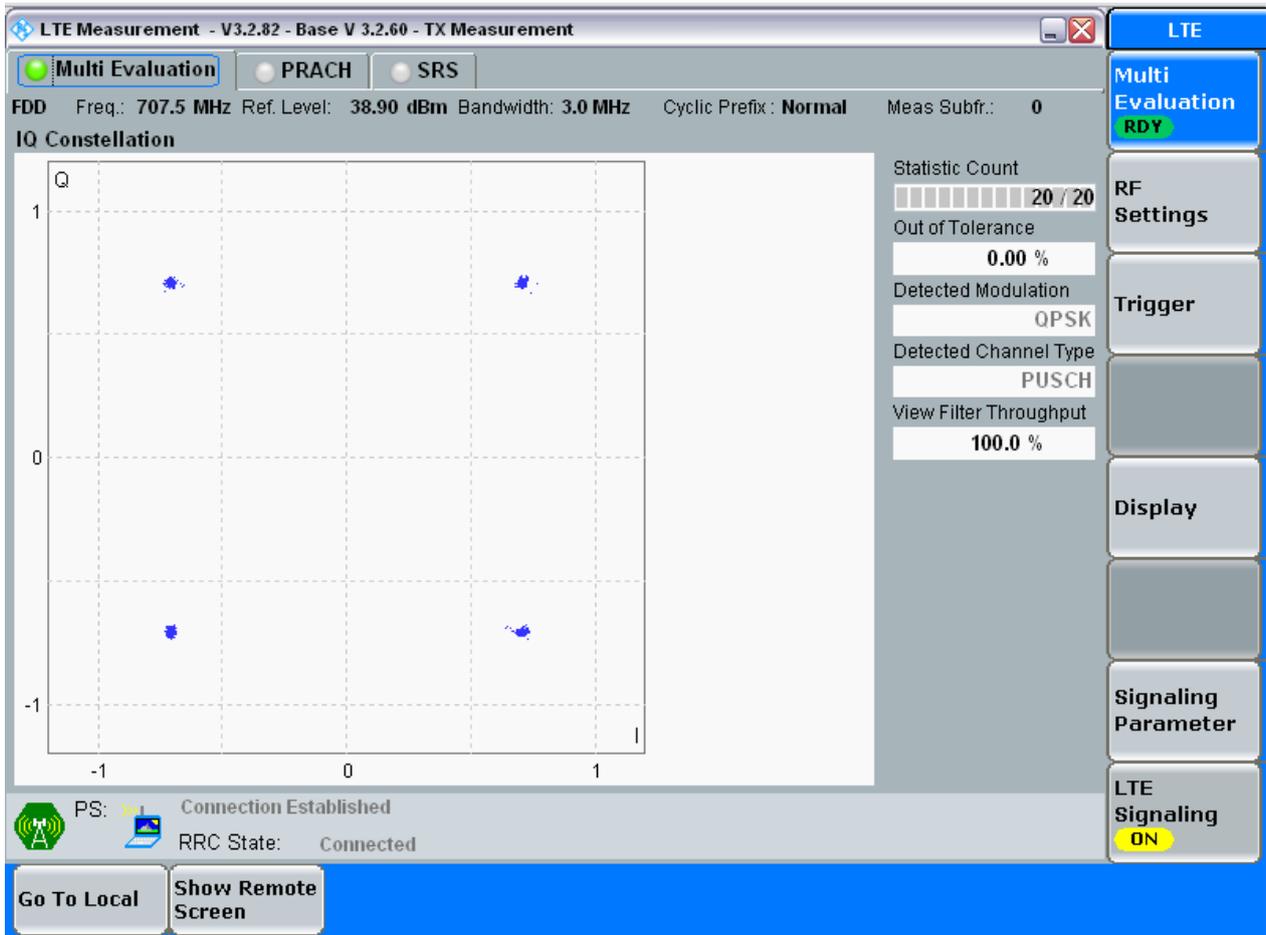
##### 3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

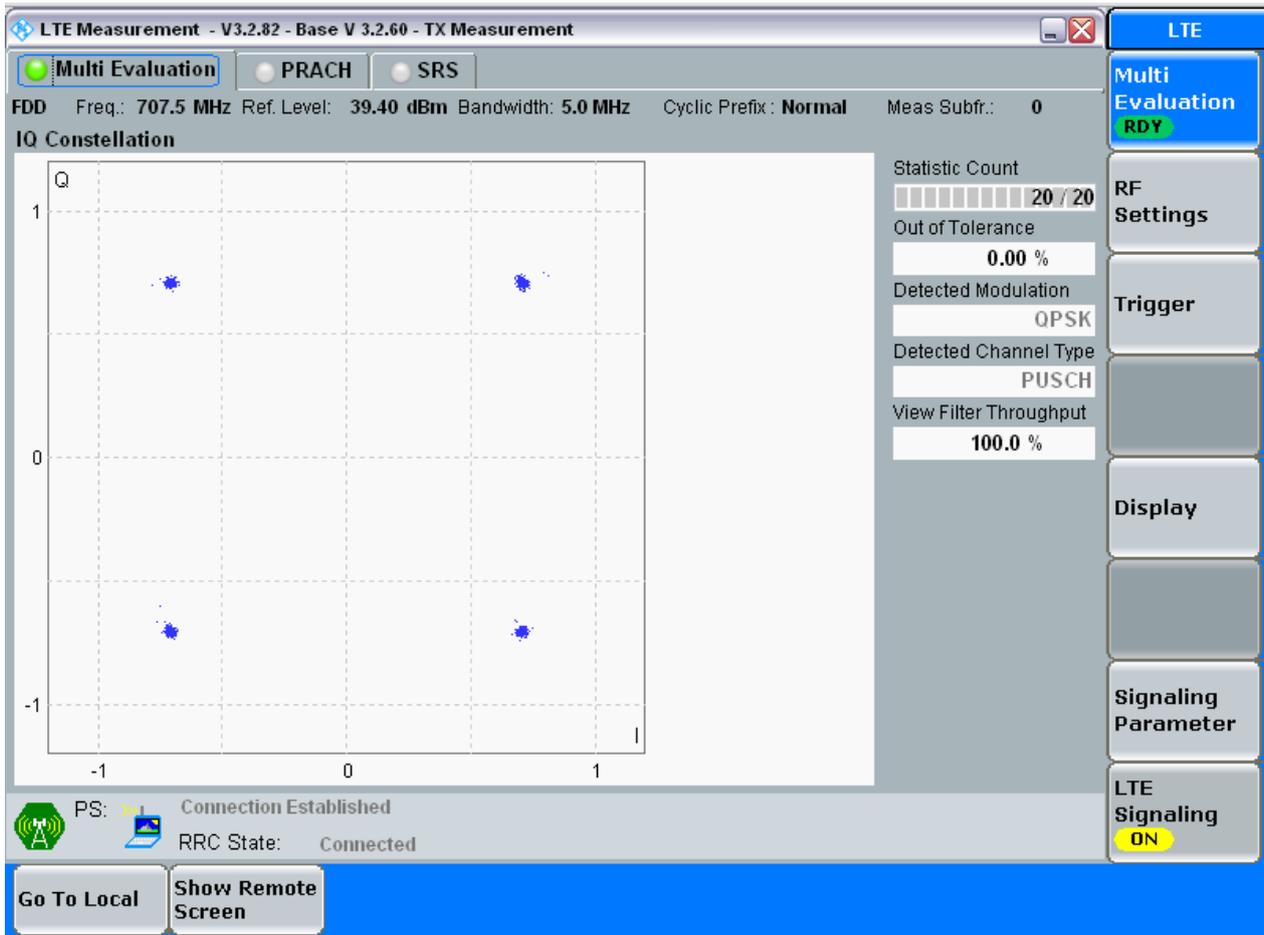
3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

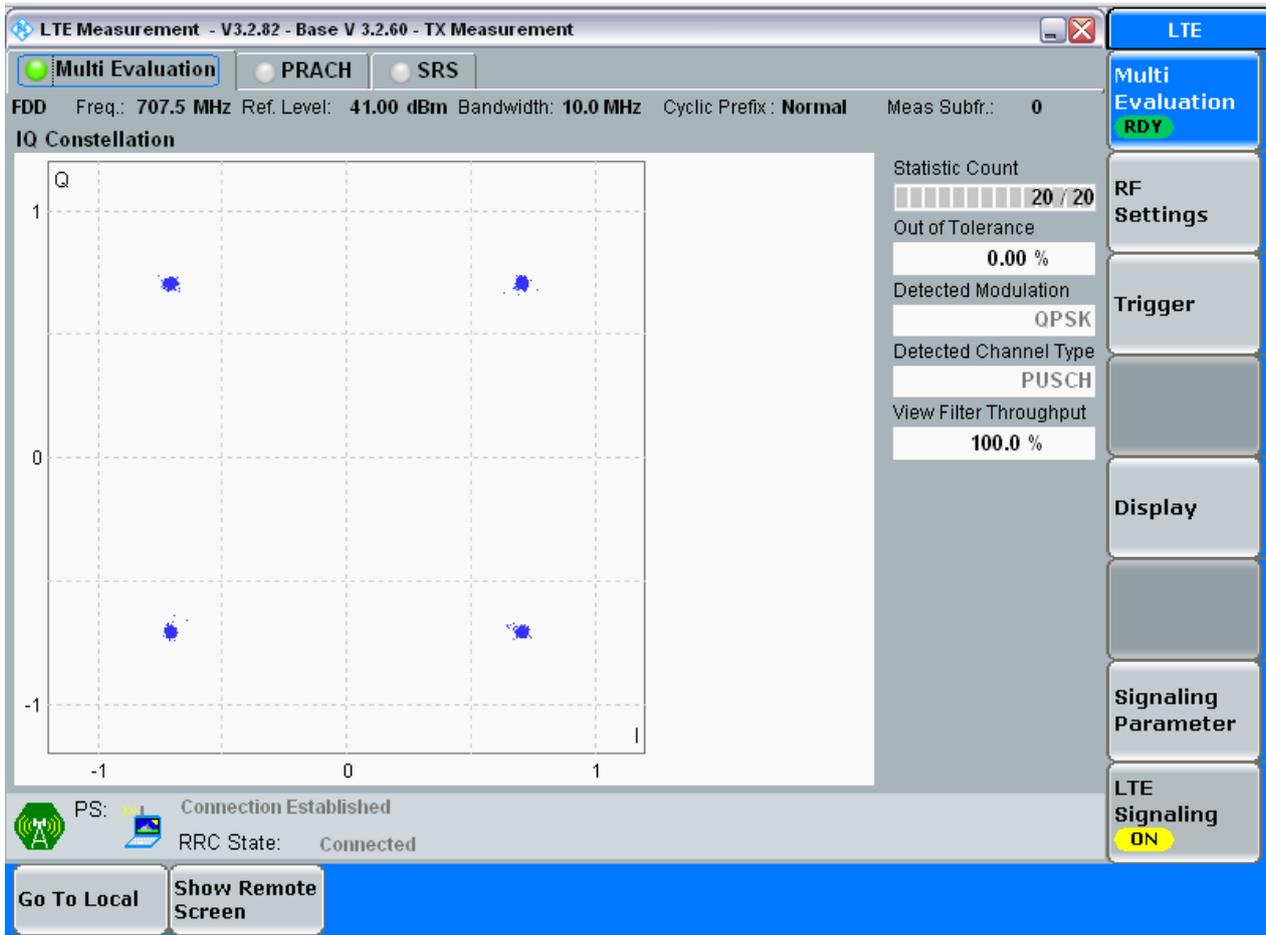
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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

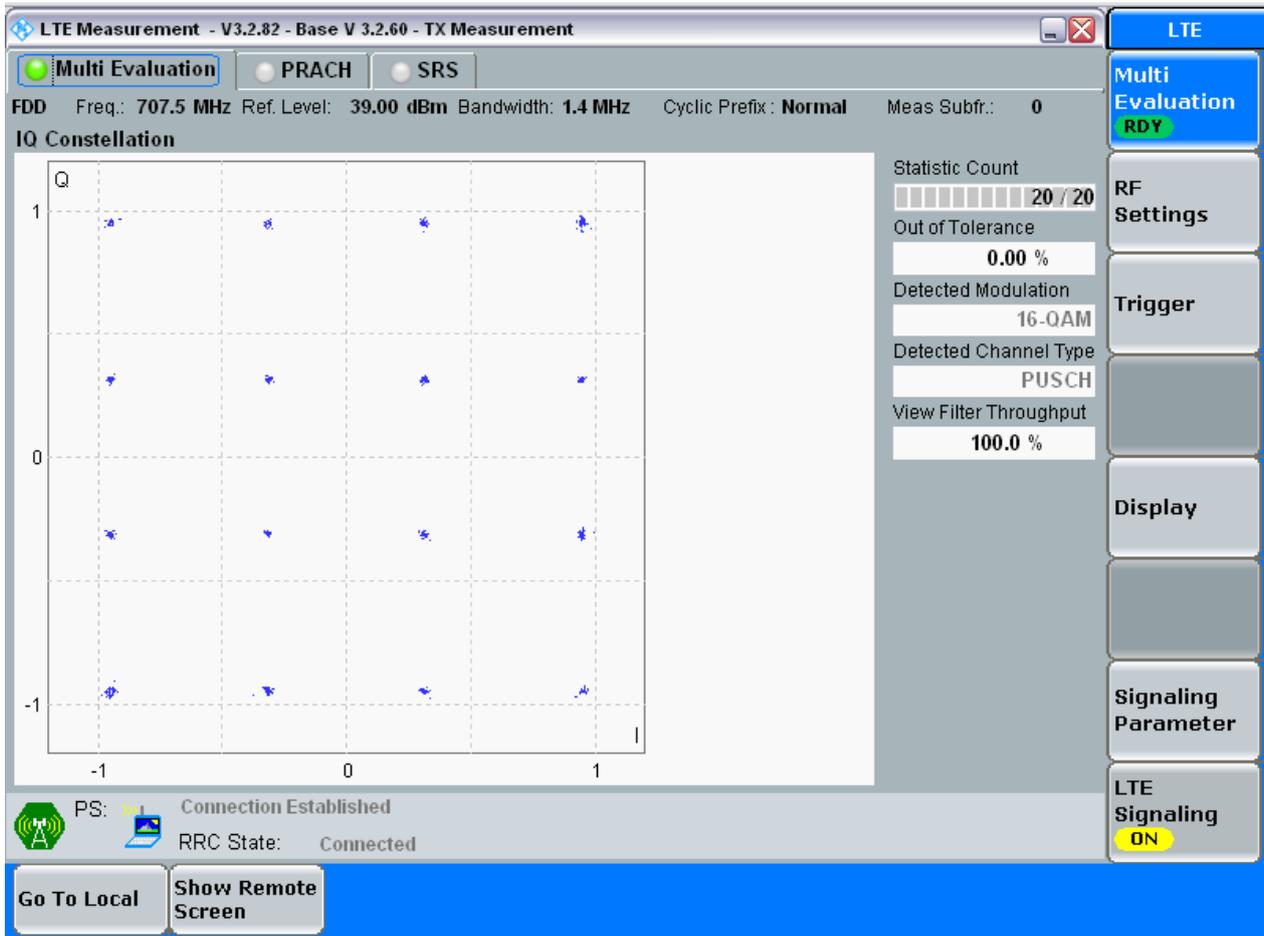


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

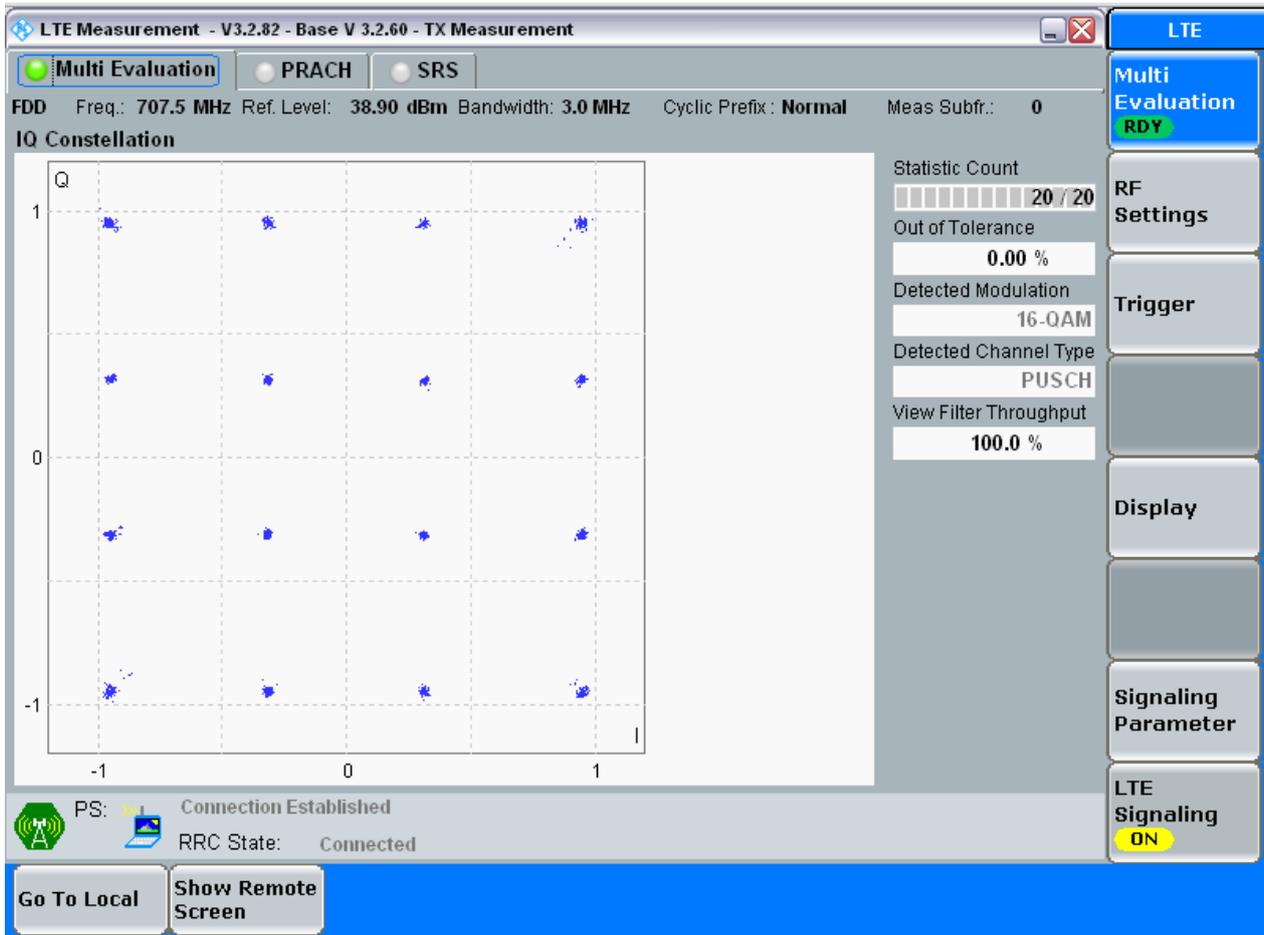
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

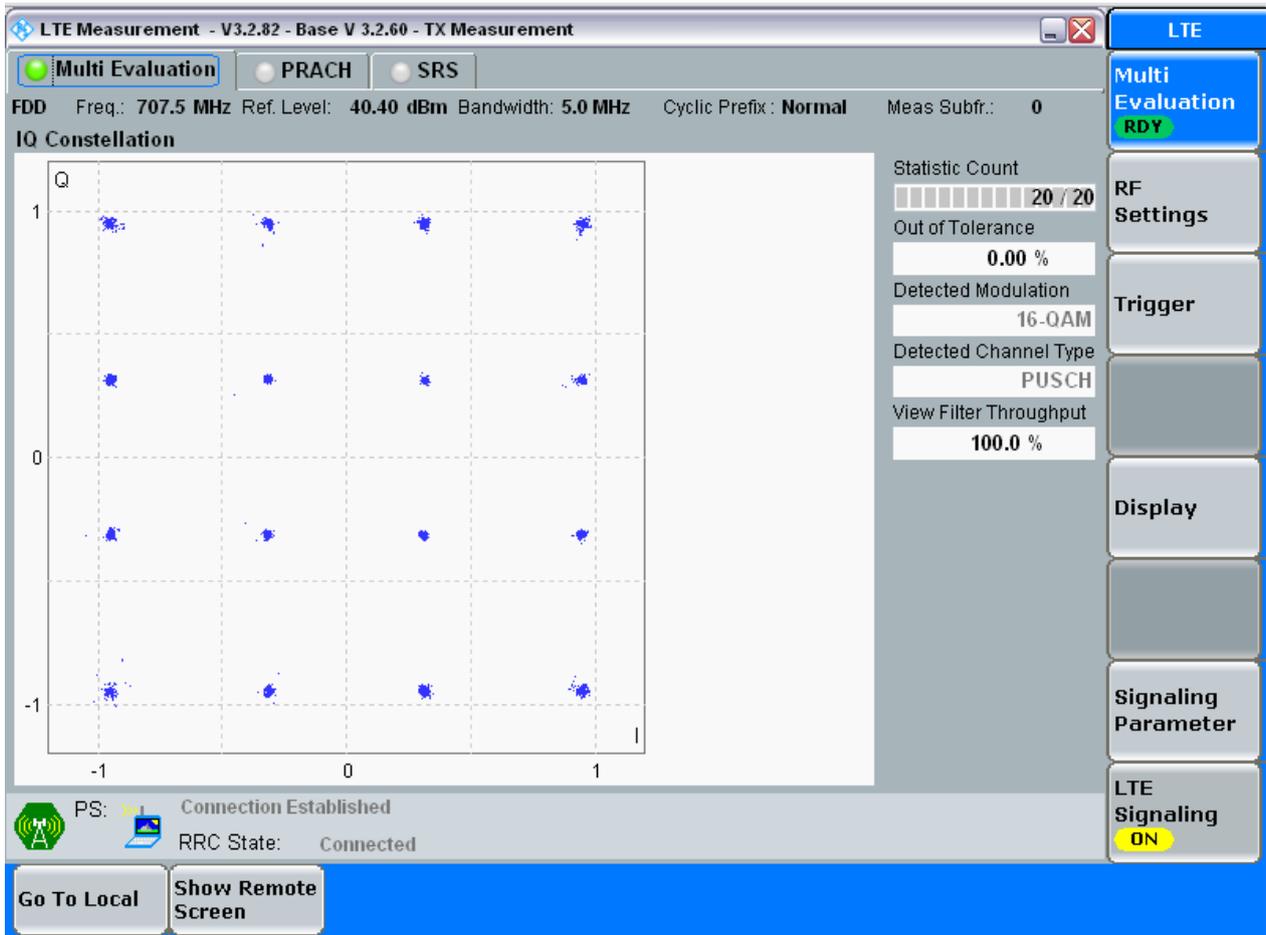
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

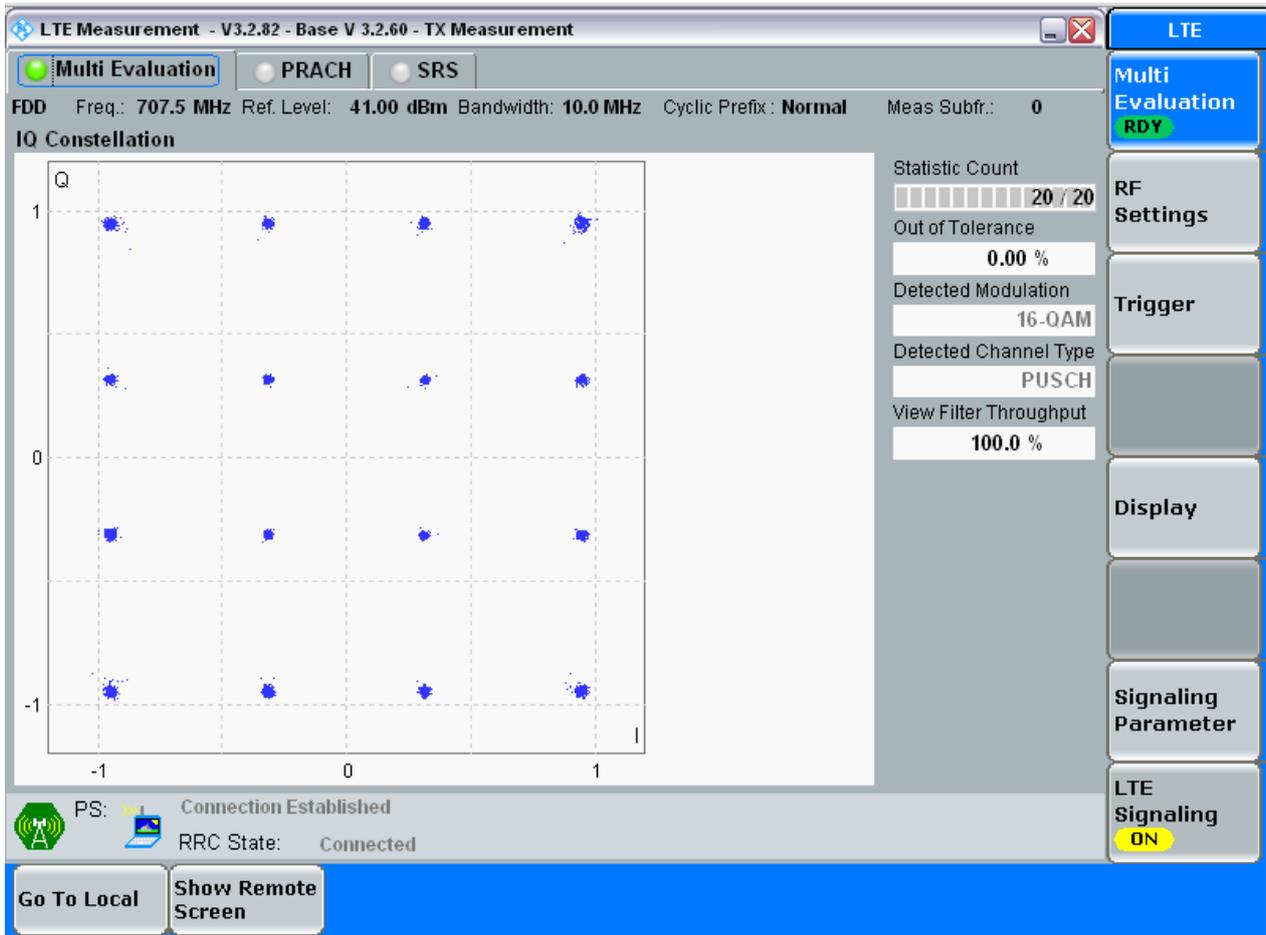
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 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	1.22	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.70	2.92	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.49	4.85	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.98	9.58	Pass
			MCH	RB50#0	8.98	9.60	Pass
			HCH	RB50#0	8.97	9.56	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	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	2.93	Pass
			HCH	RB15#0	2.71	2.94	Pass
		5	LCH	RB25#0	4.49	4.85	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.49	4.84	Pass
		10	LCH	RB50#0	8.97	9.64	Pass
			MCH	RB50#0	8.98	9.61	Pass
			HCH	RB50#0	8.97	9.59	Pass



Part II - Test Plots

4.1 For LTE

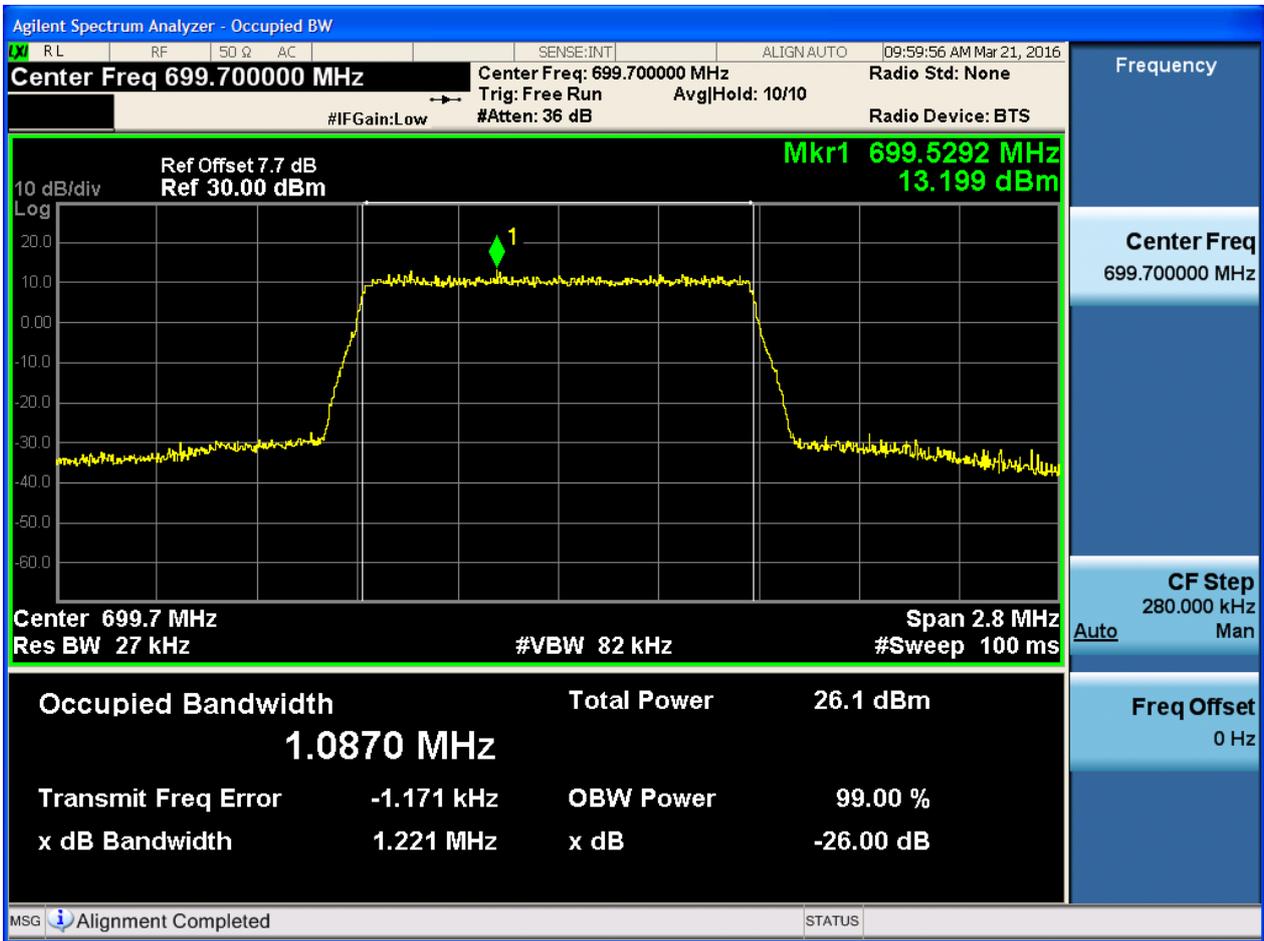
4.1.1 Test Band = BAND12

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

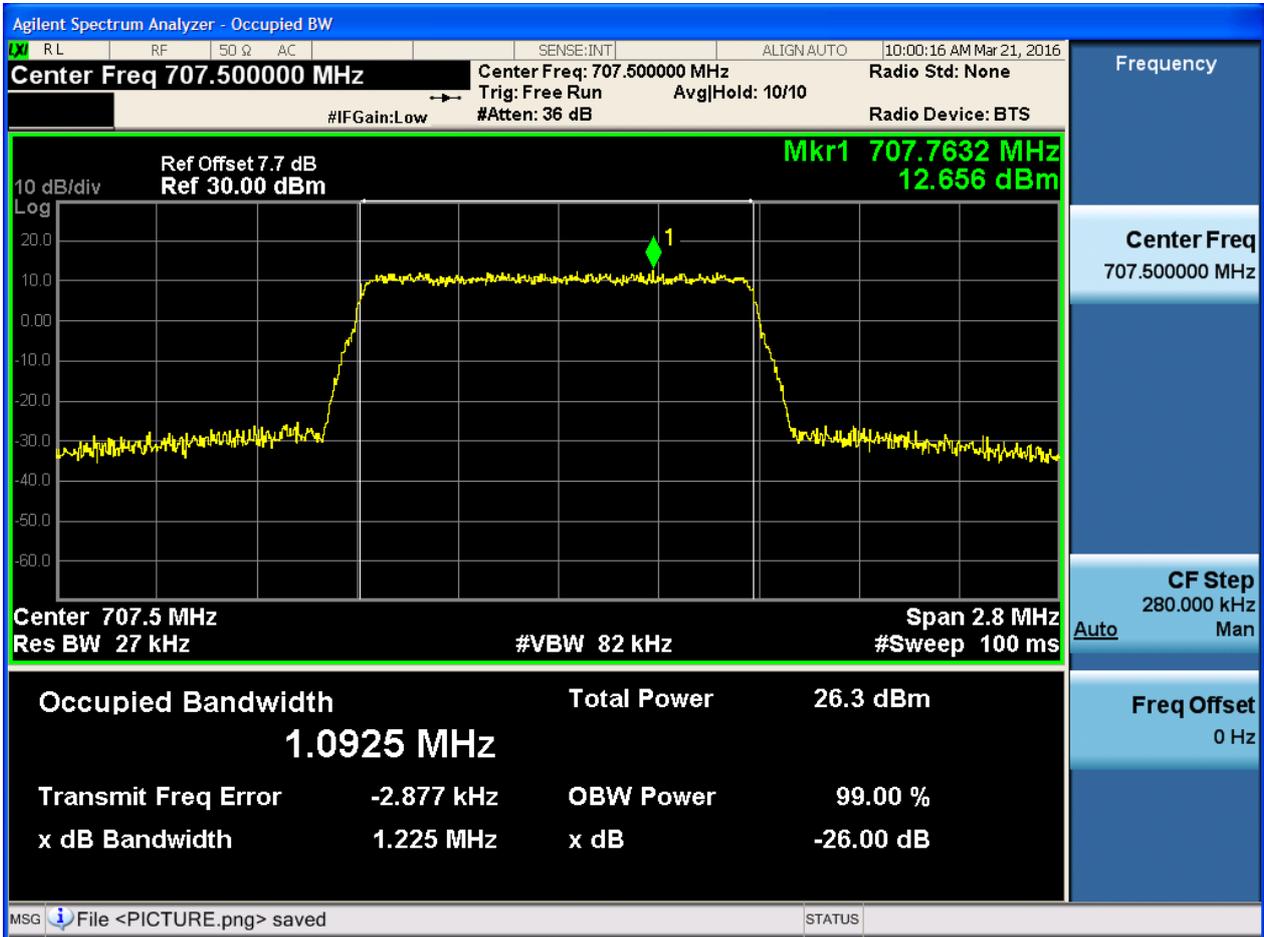
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

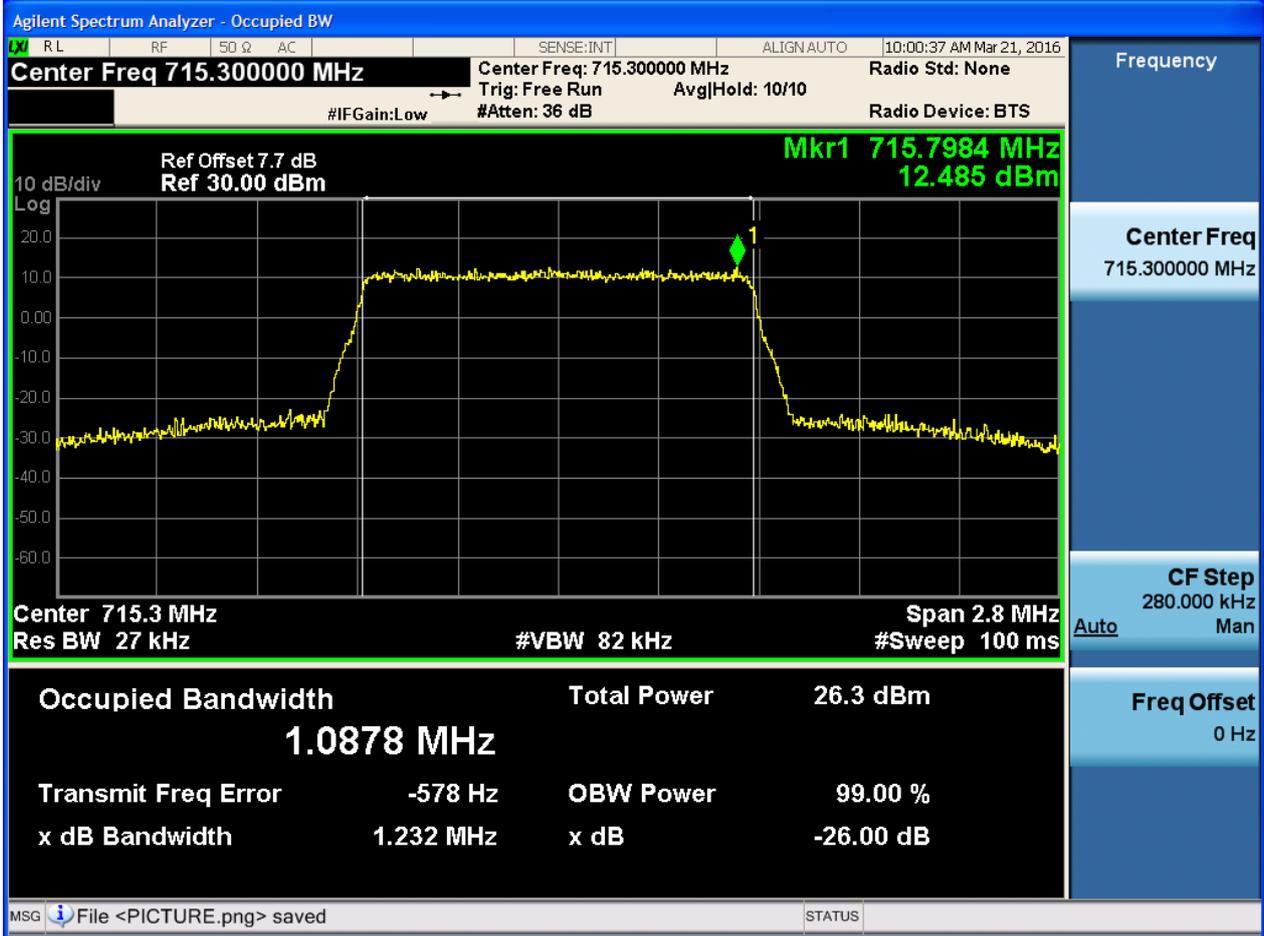
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

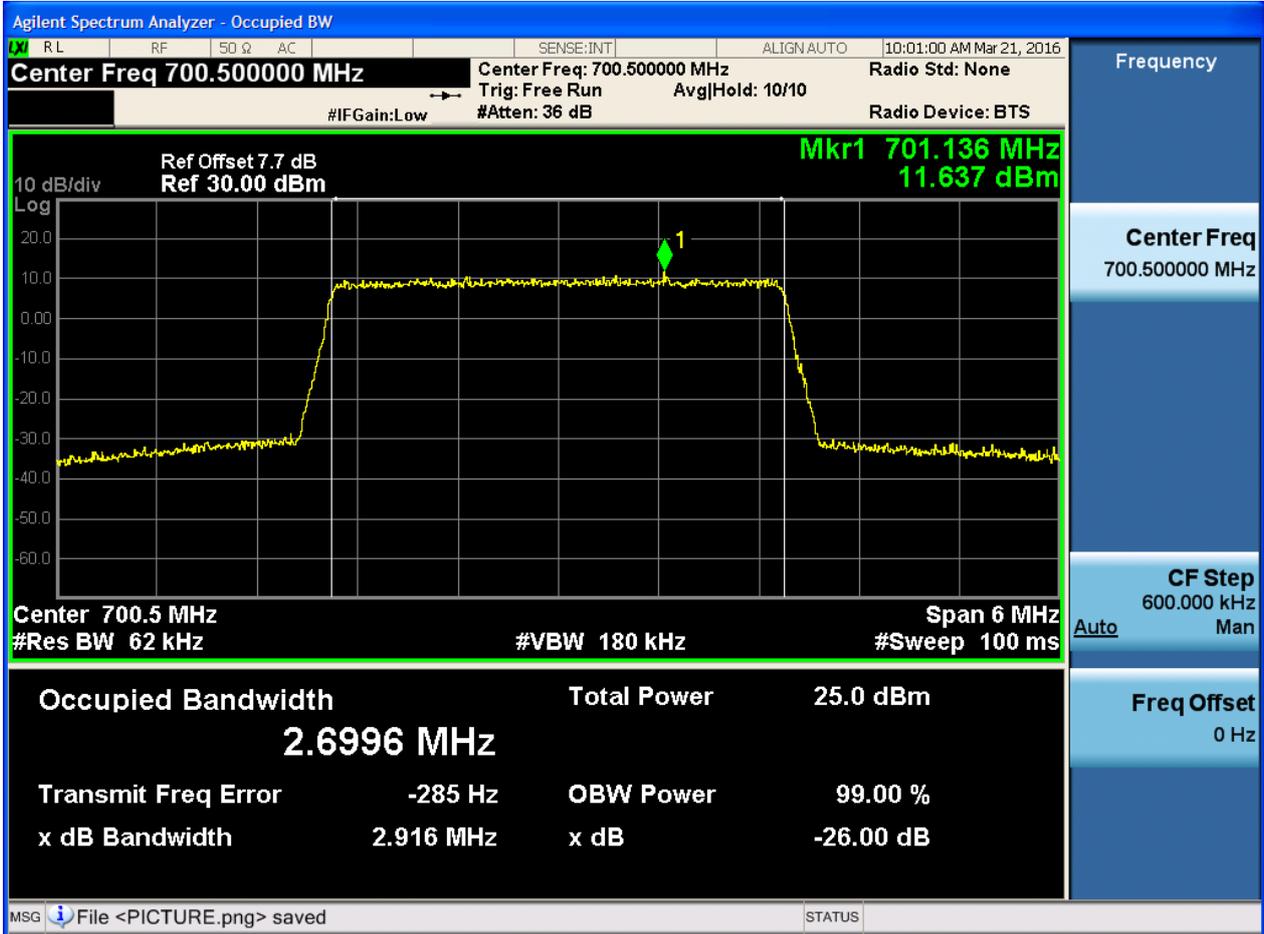




4.1.1.1.2 Test Bandwidth = 3

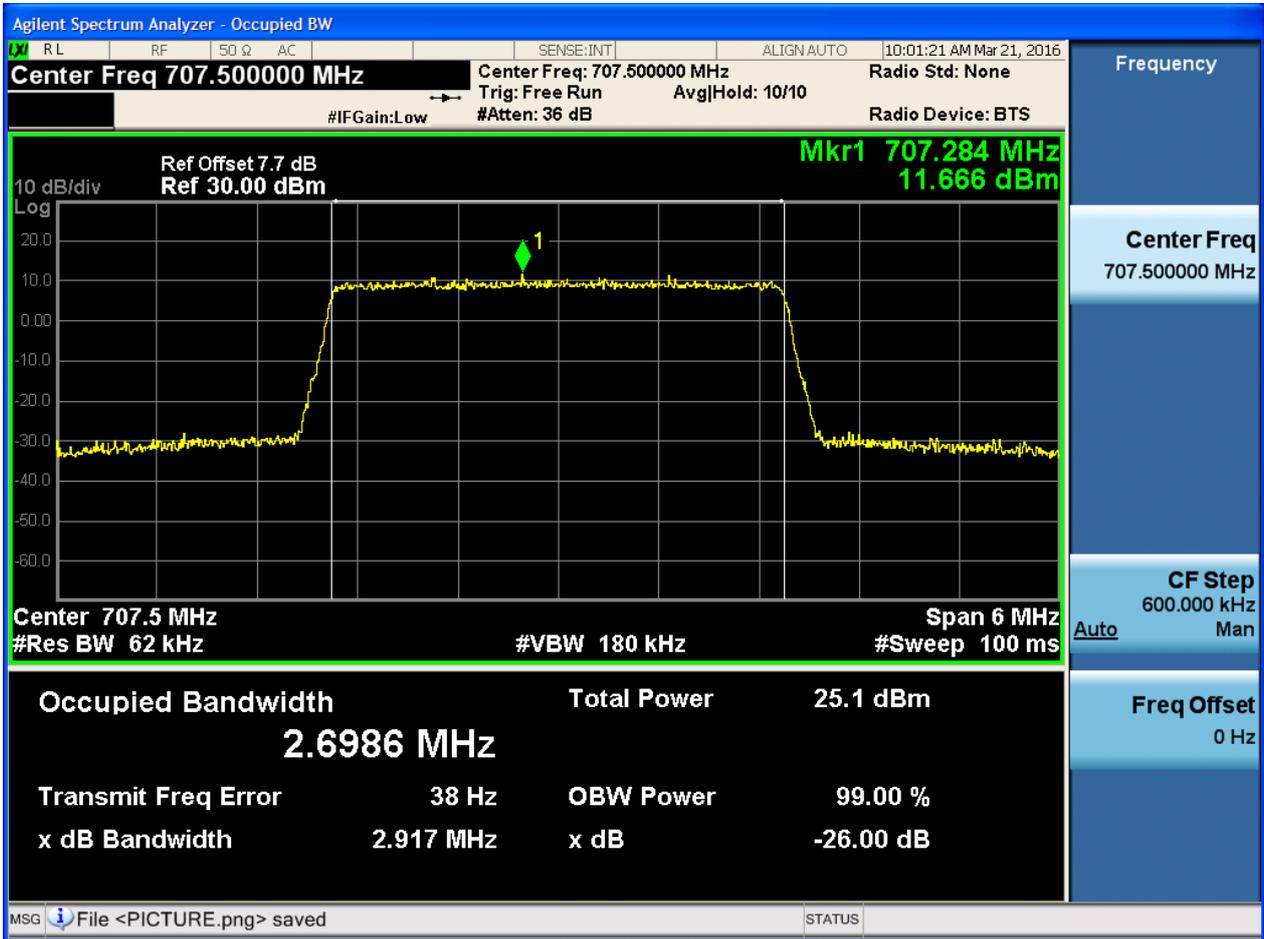
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

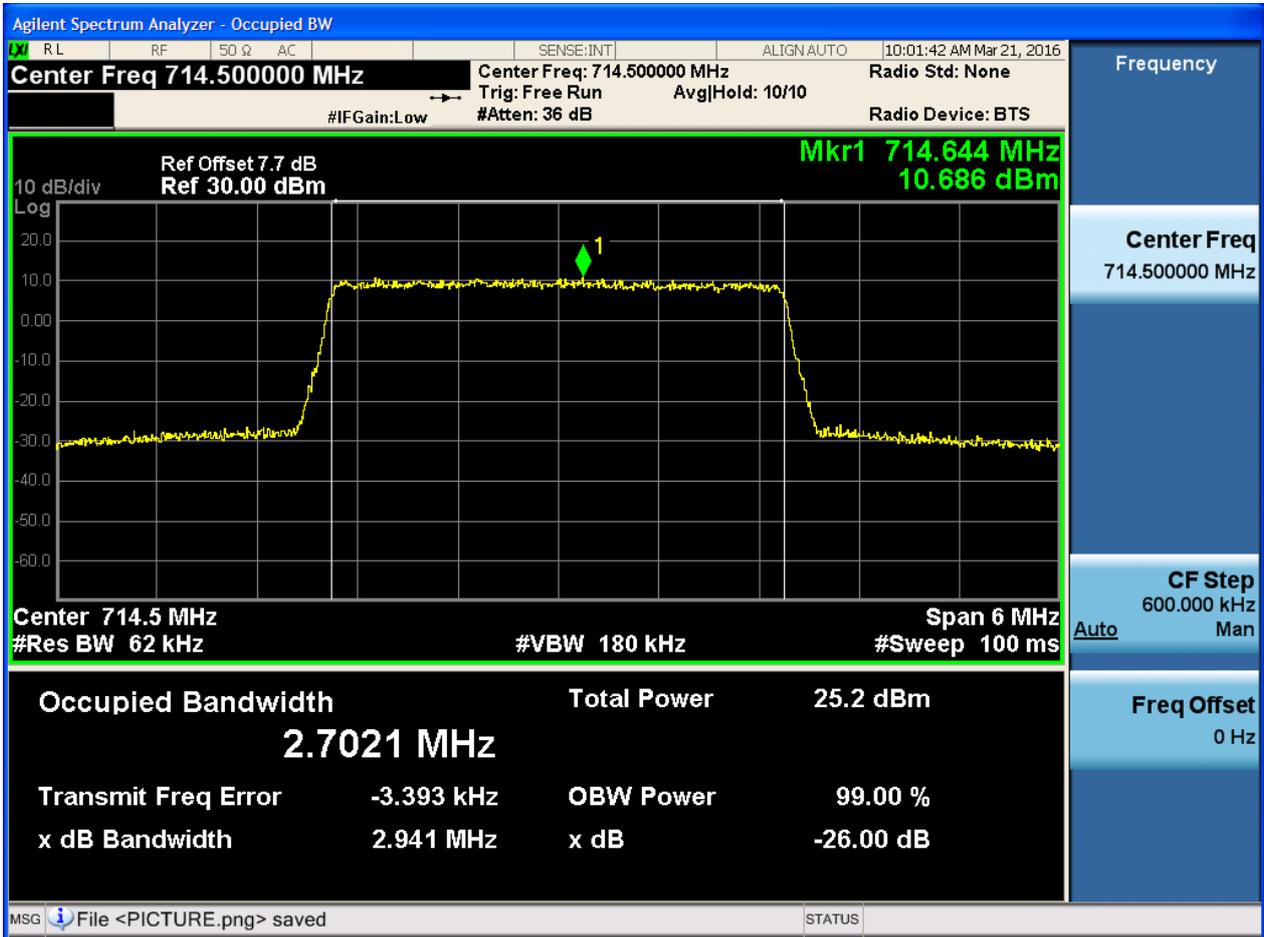
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

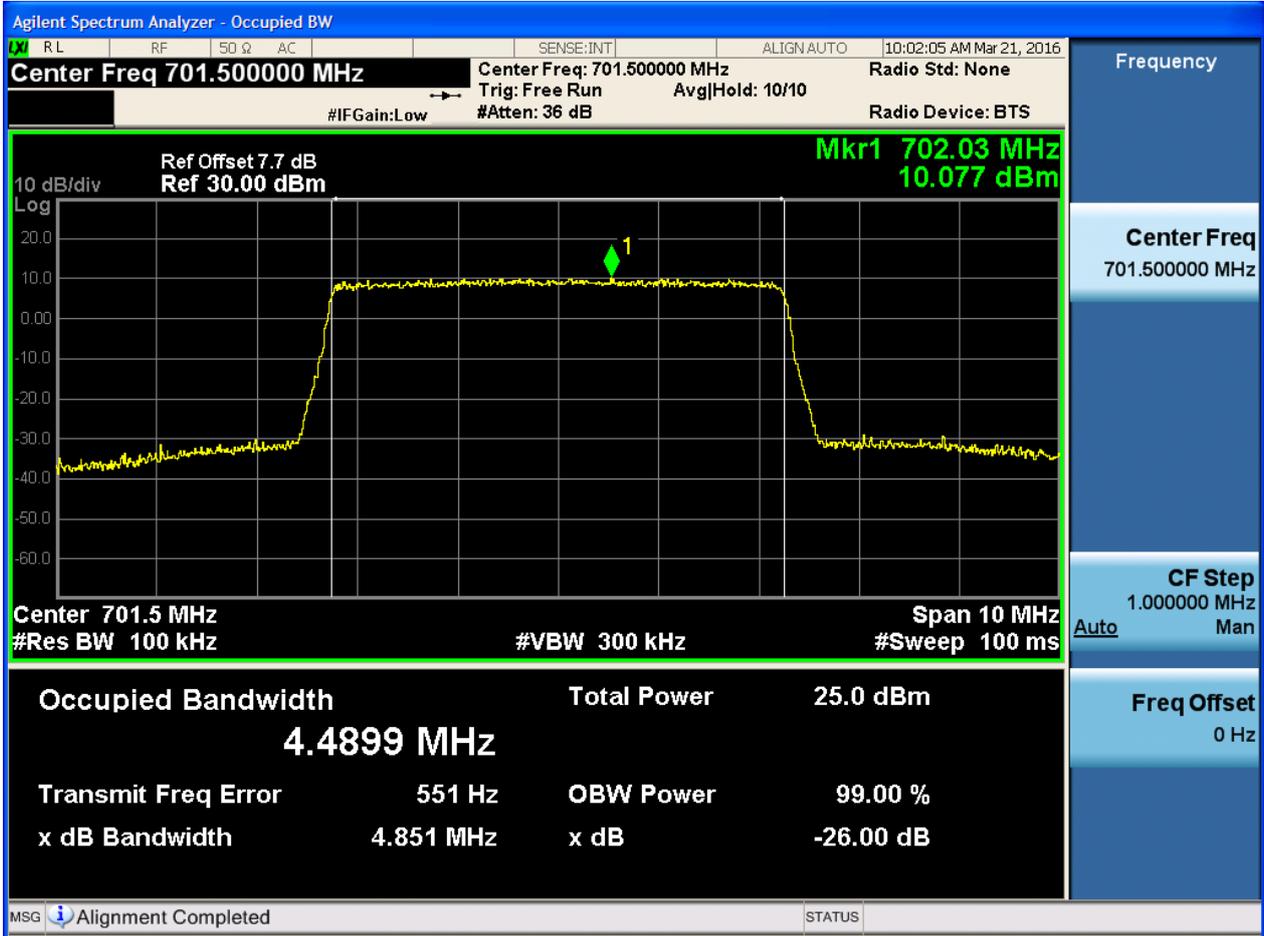




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

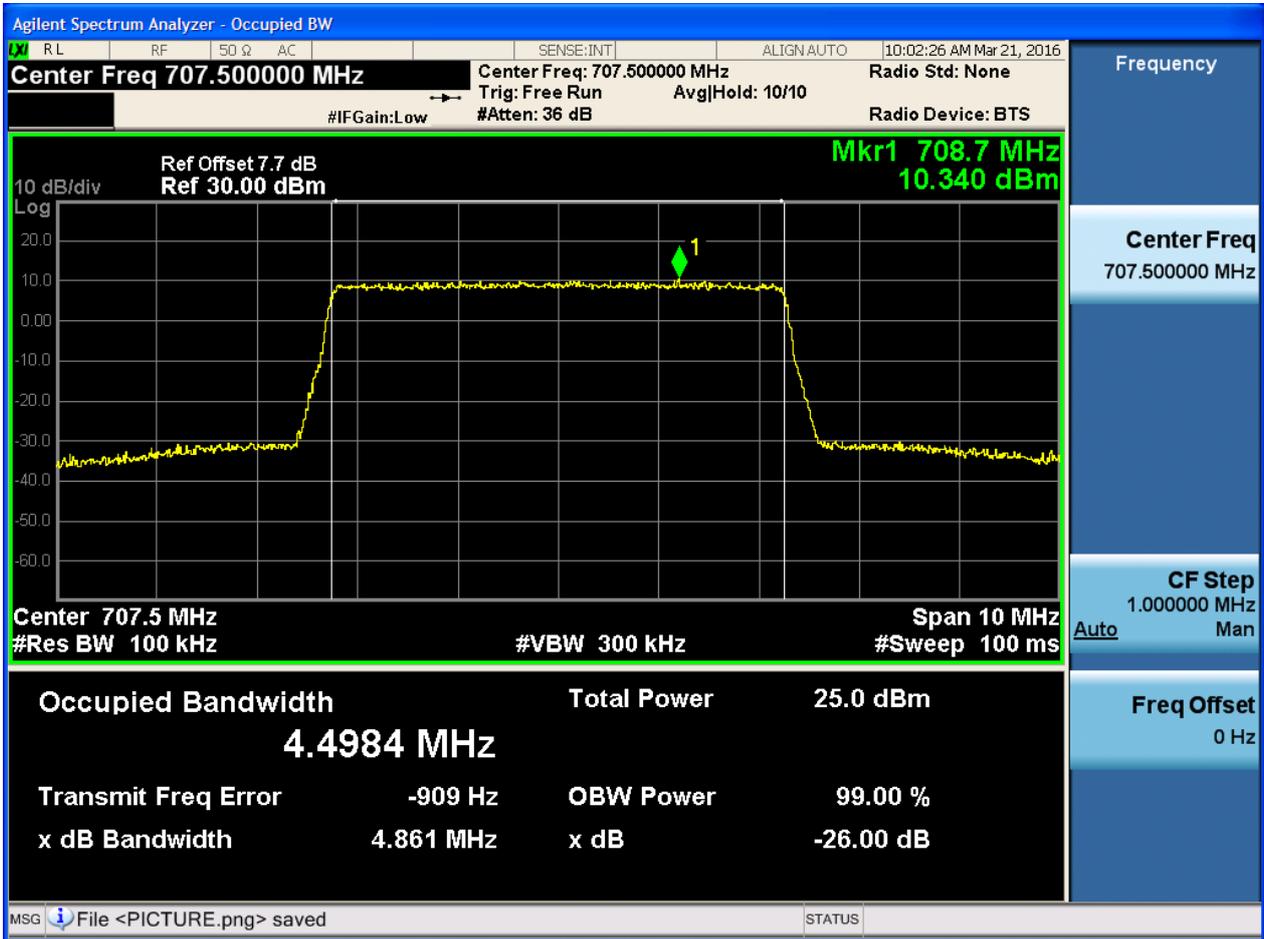
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

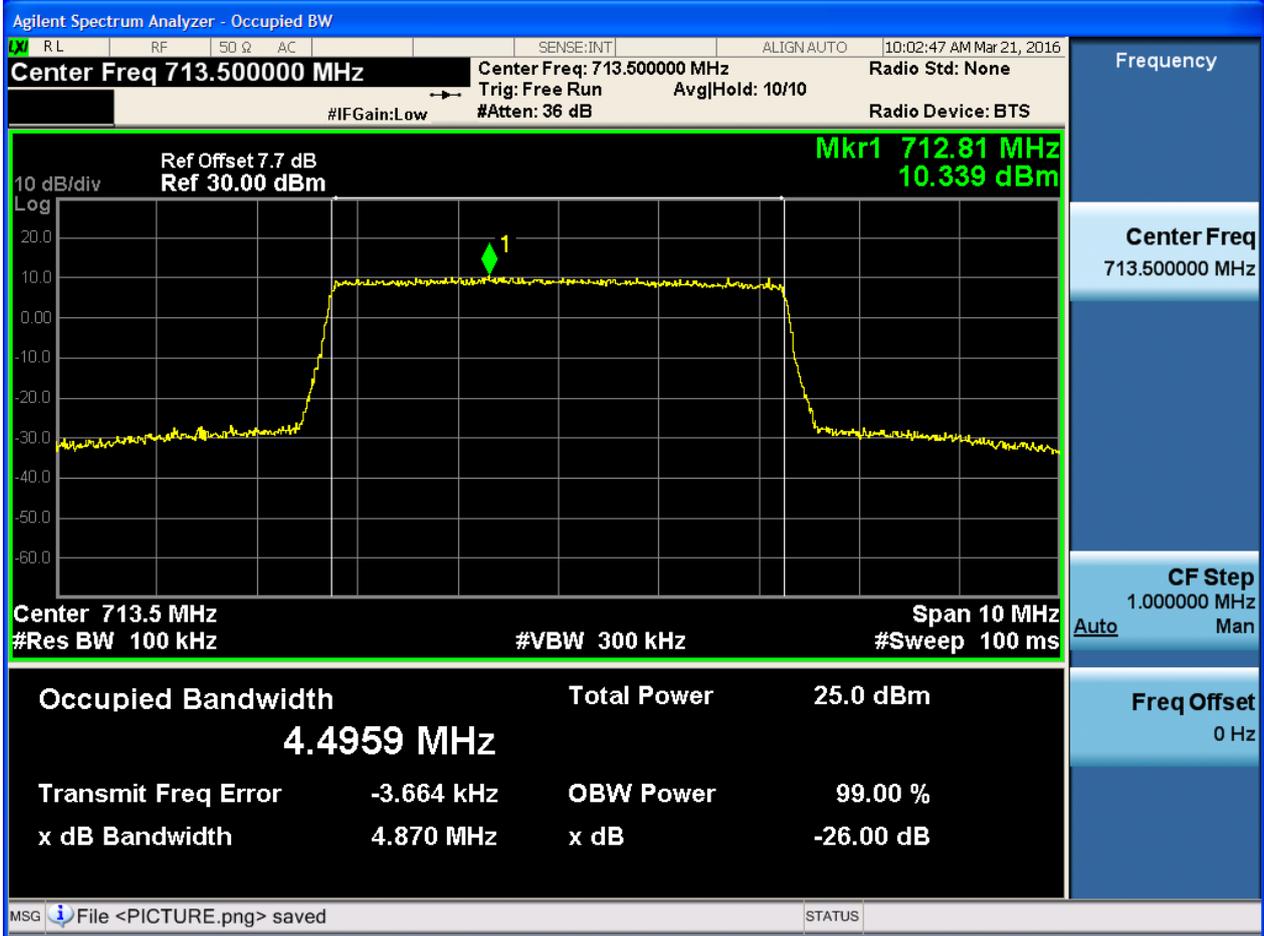
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

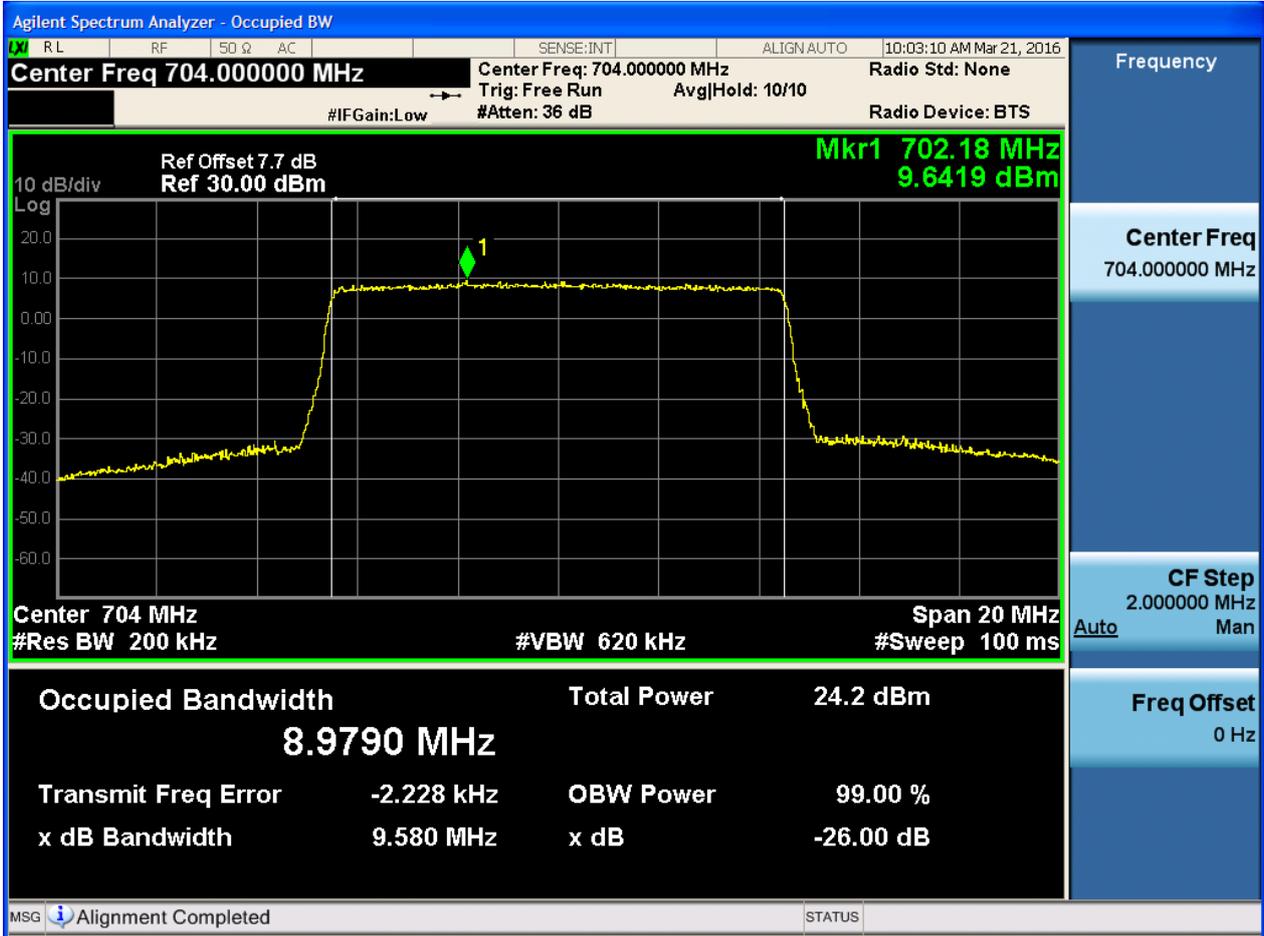




4.1.1.1.4 Test Bandwidth = 10

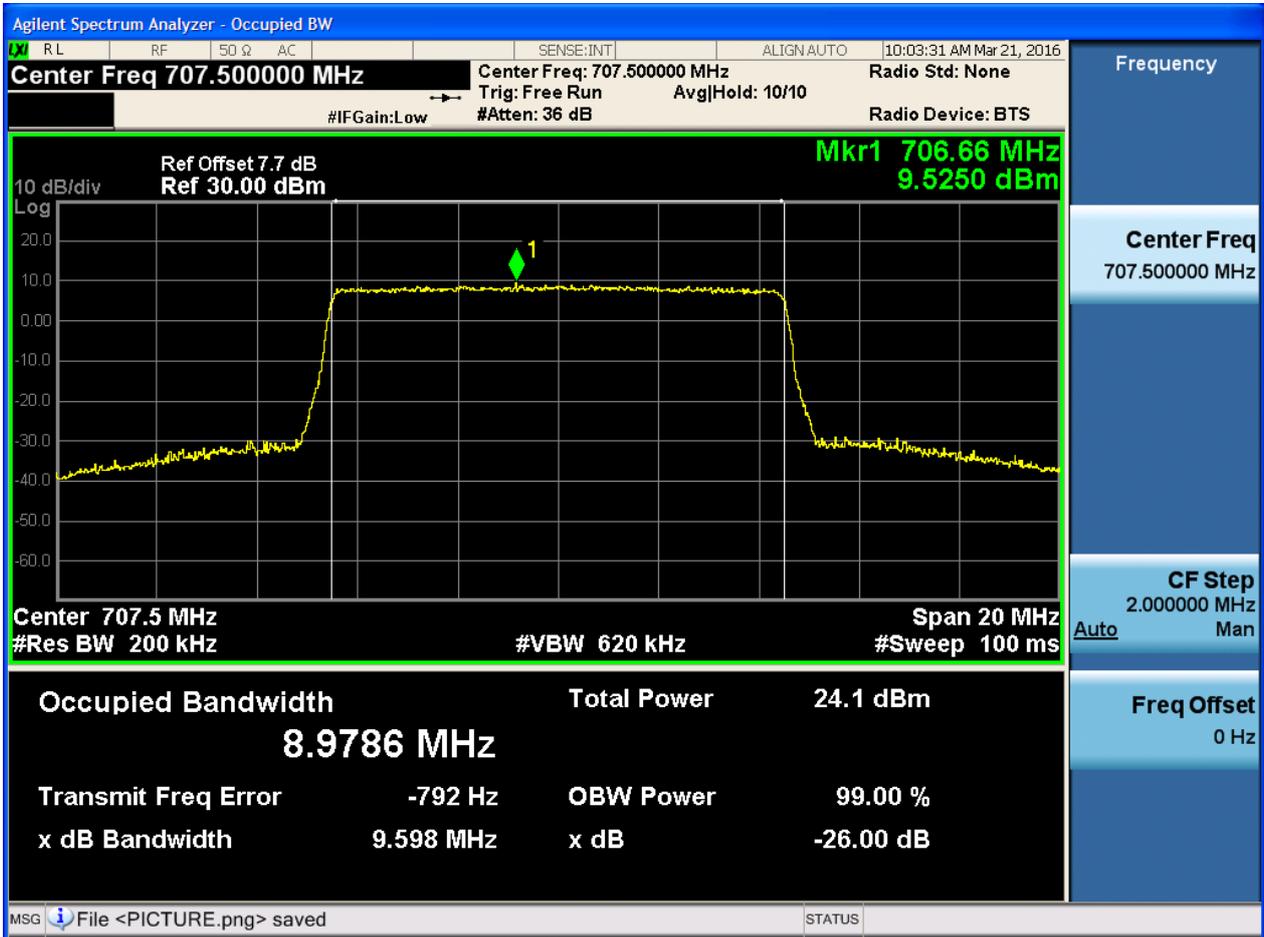
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

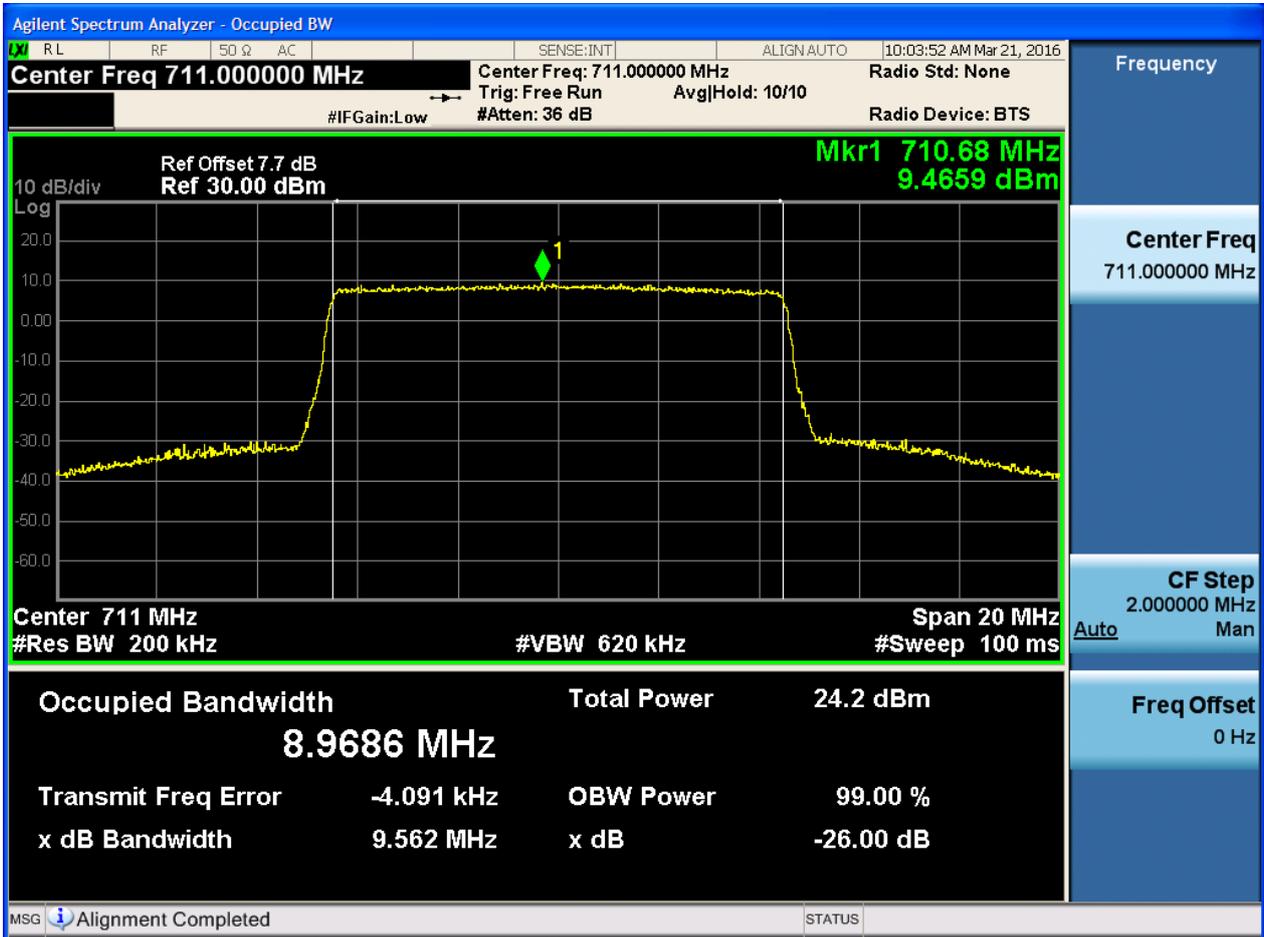
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



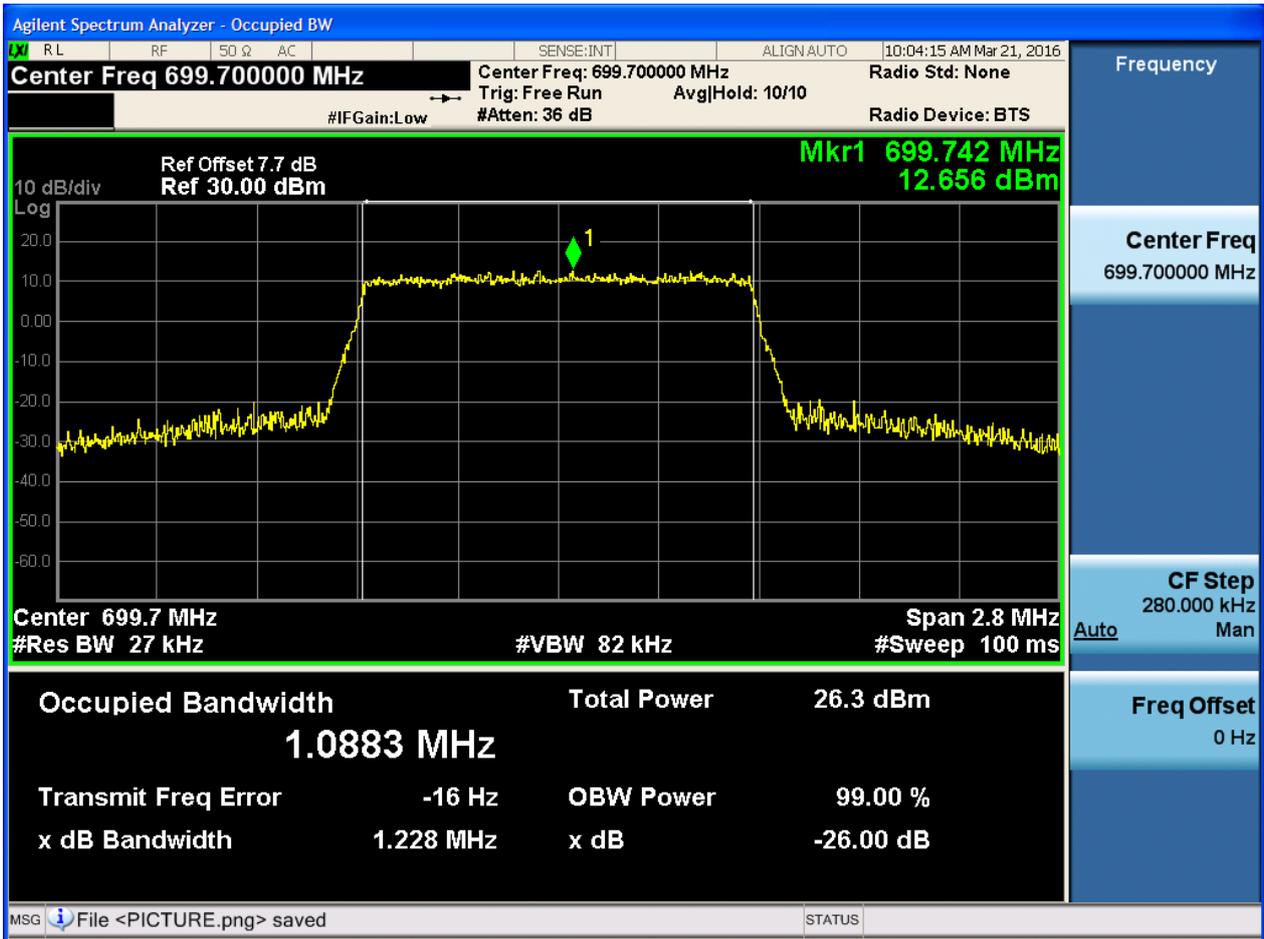


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

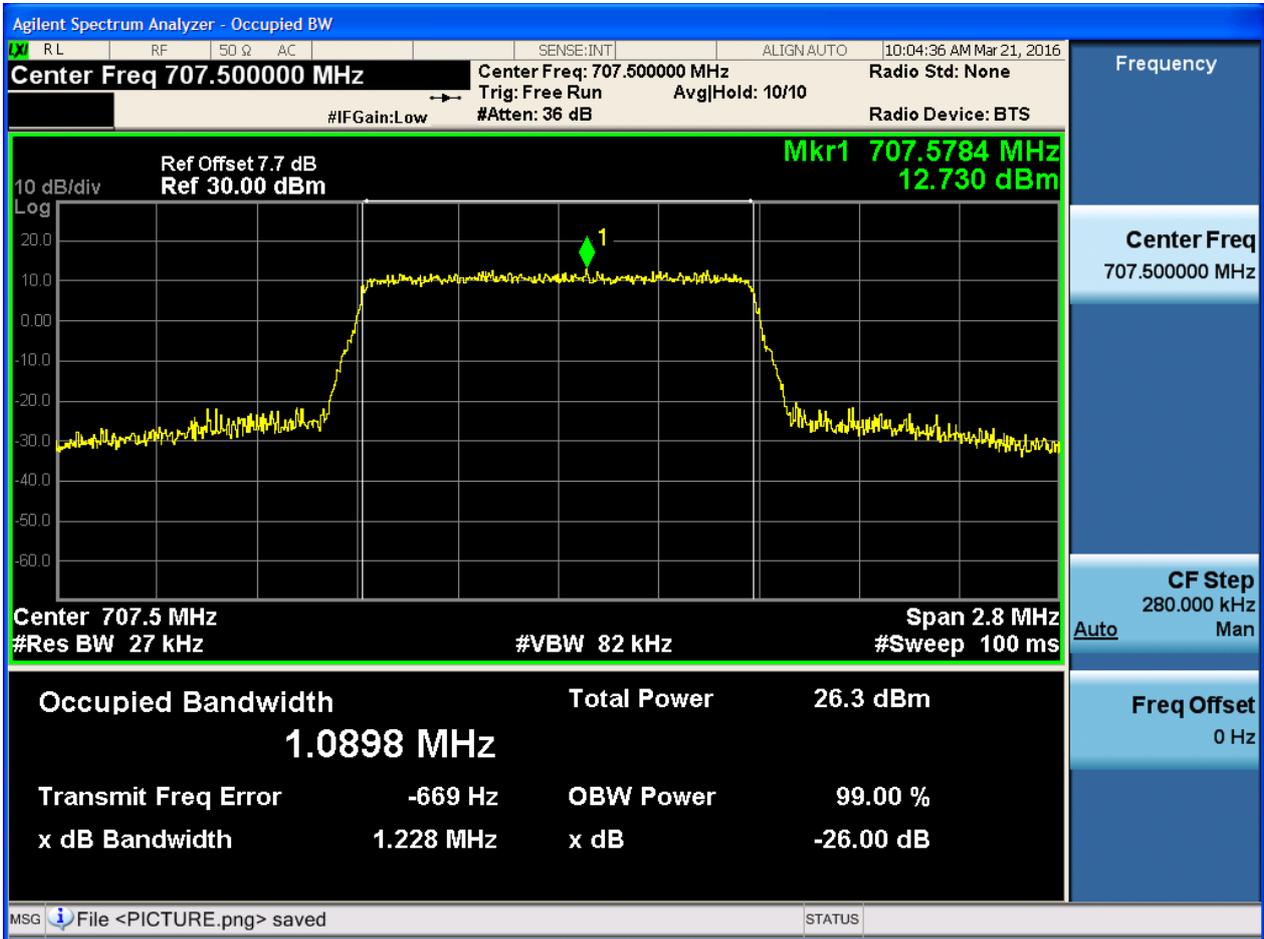
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



4.1.1.2.1.2 Test Channel = MCH

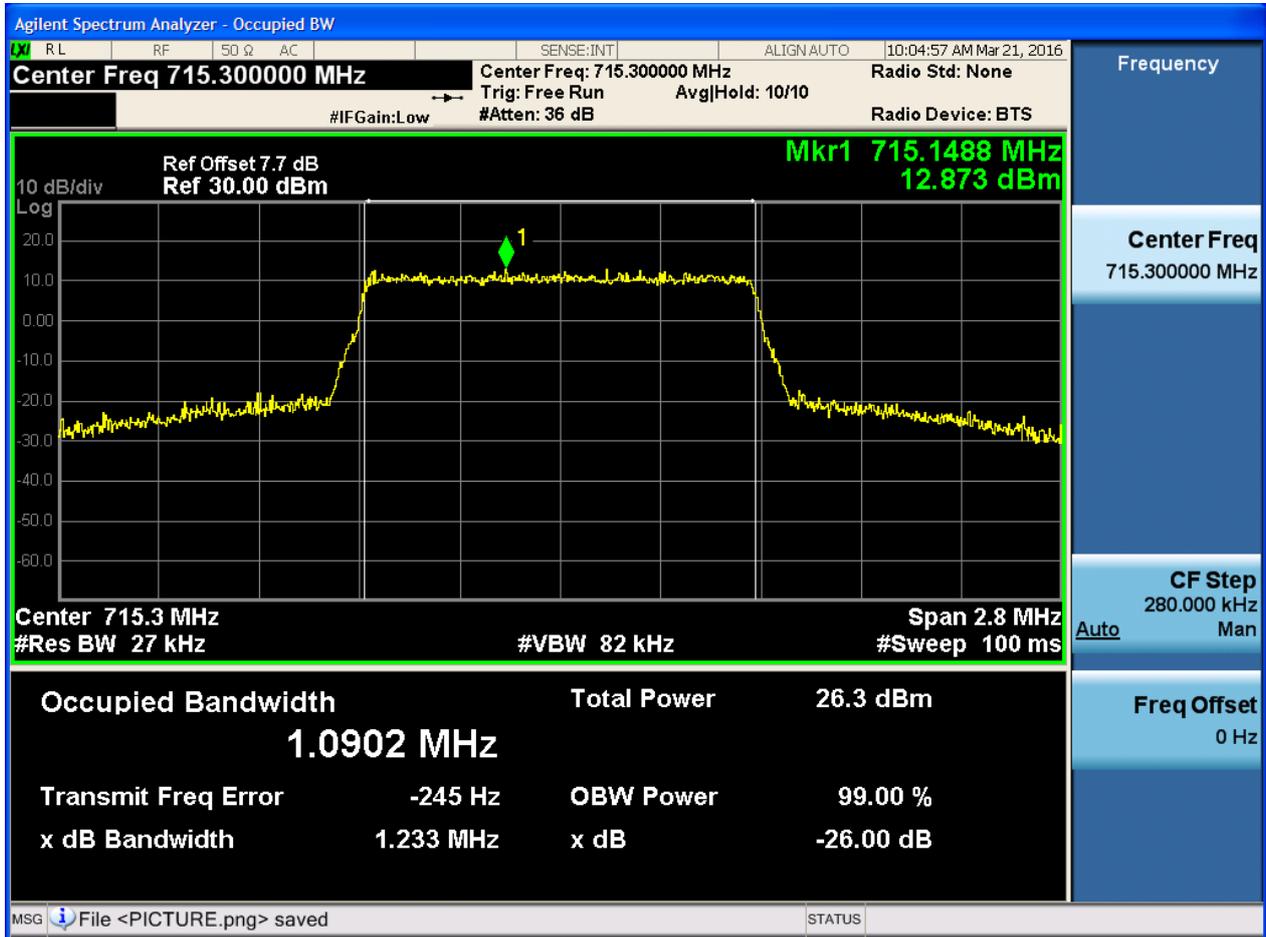
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

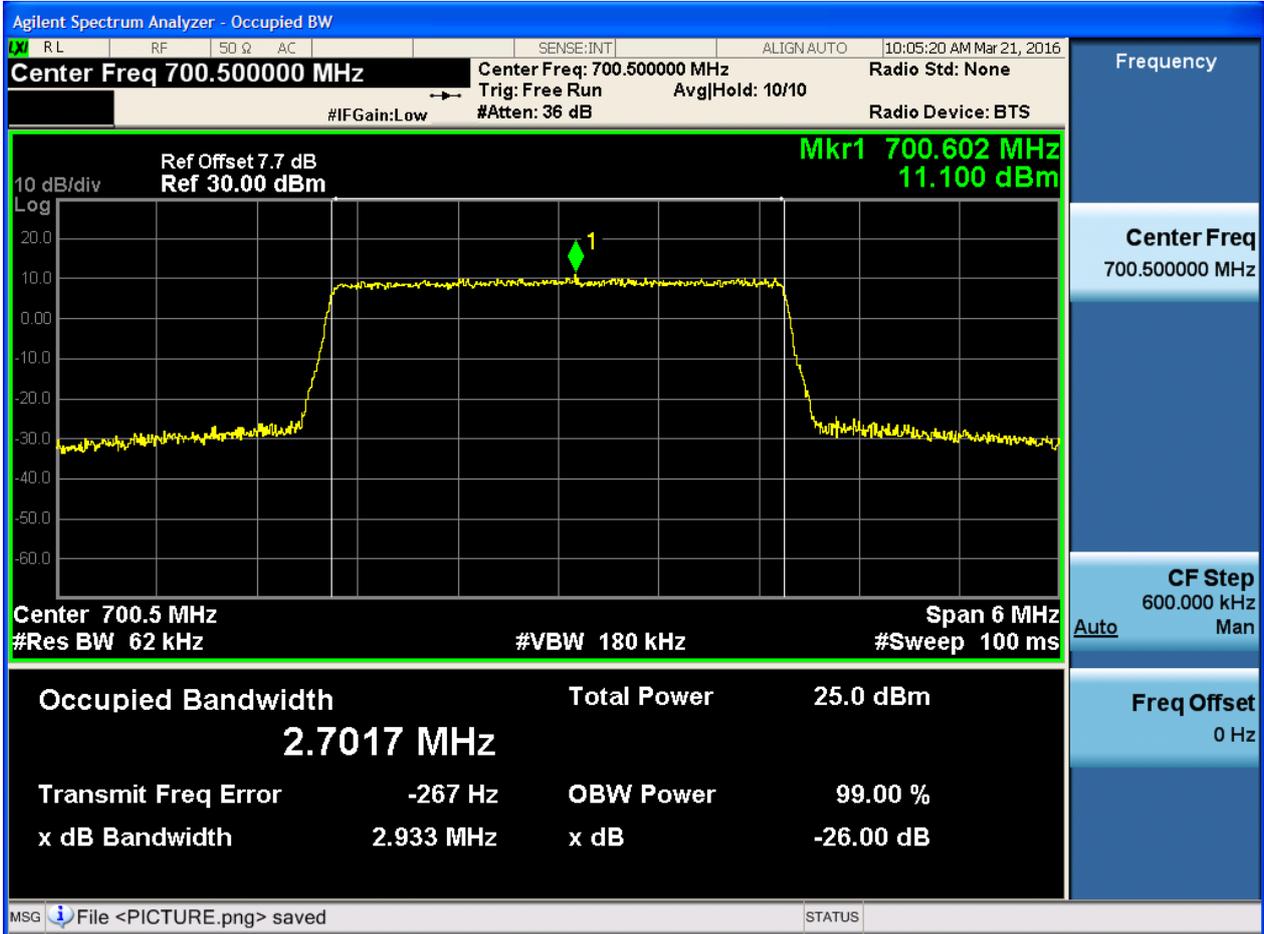
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

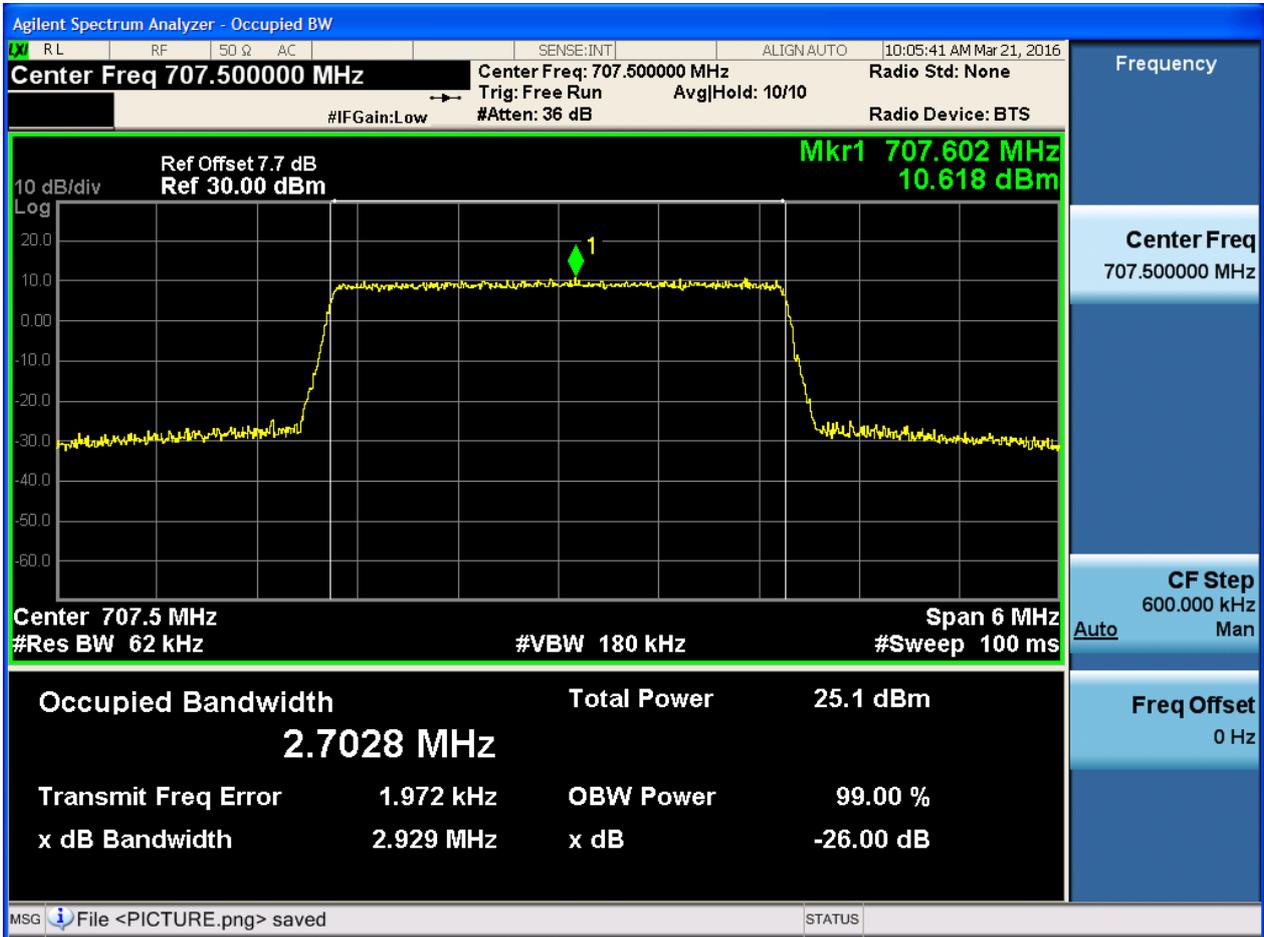
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

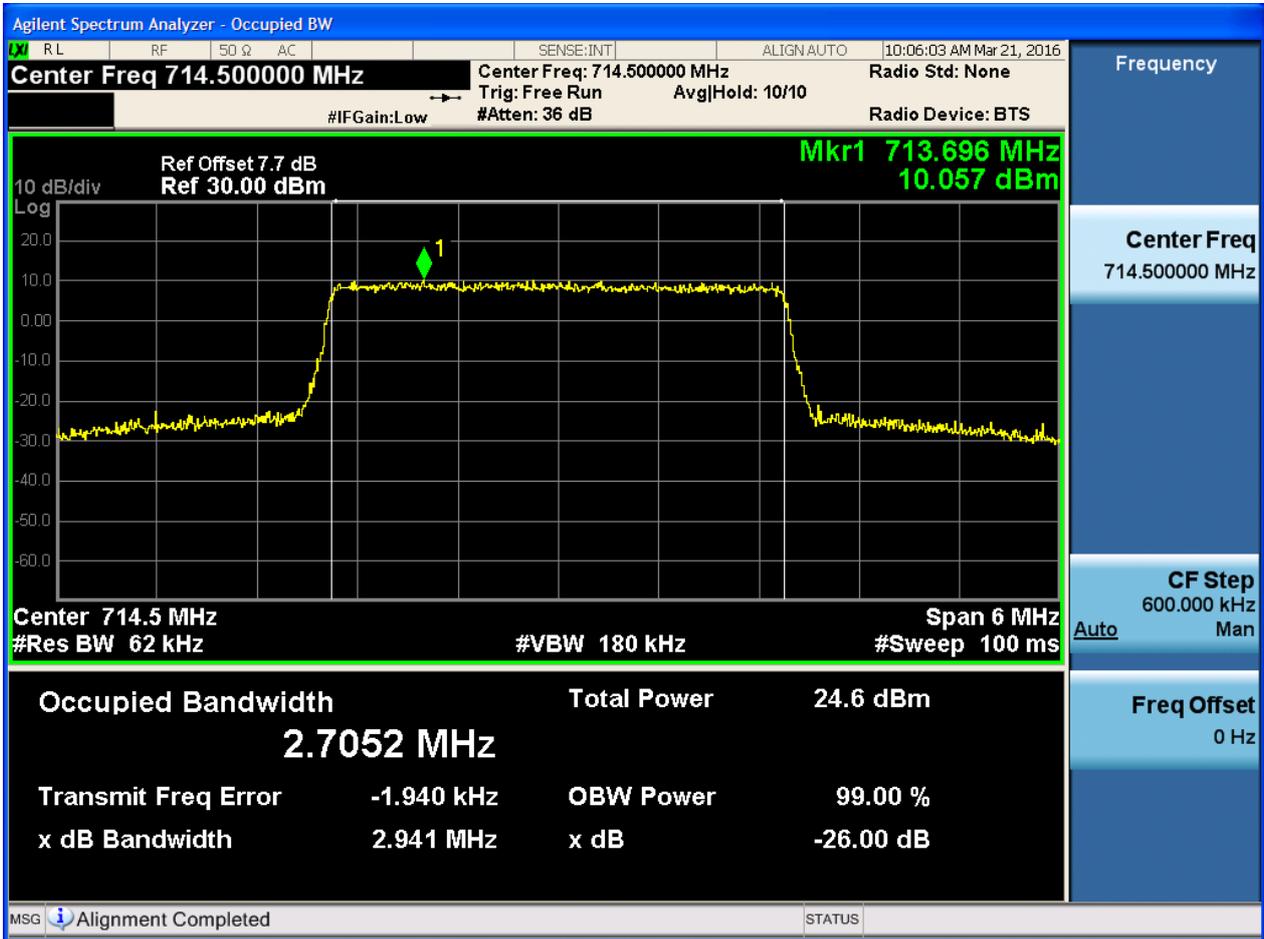
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

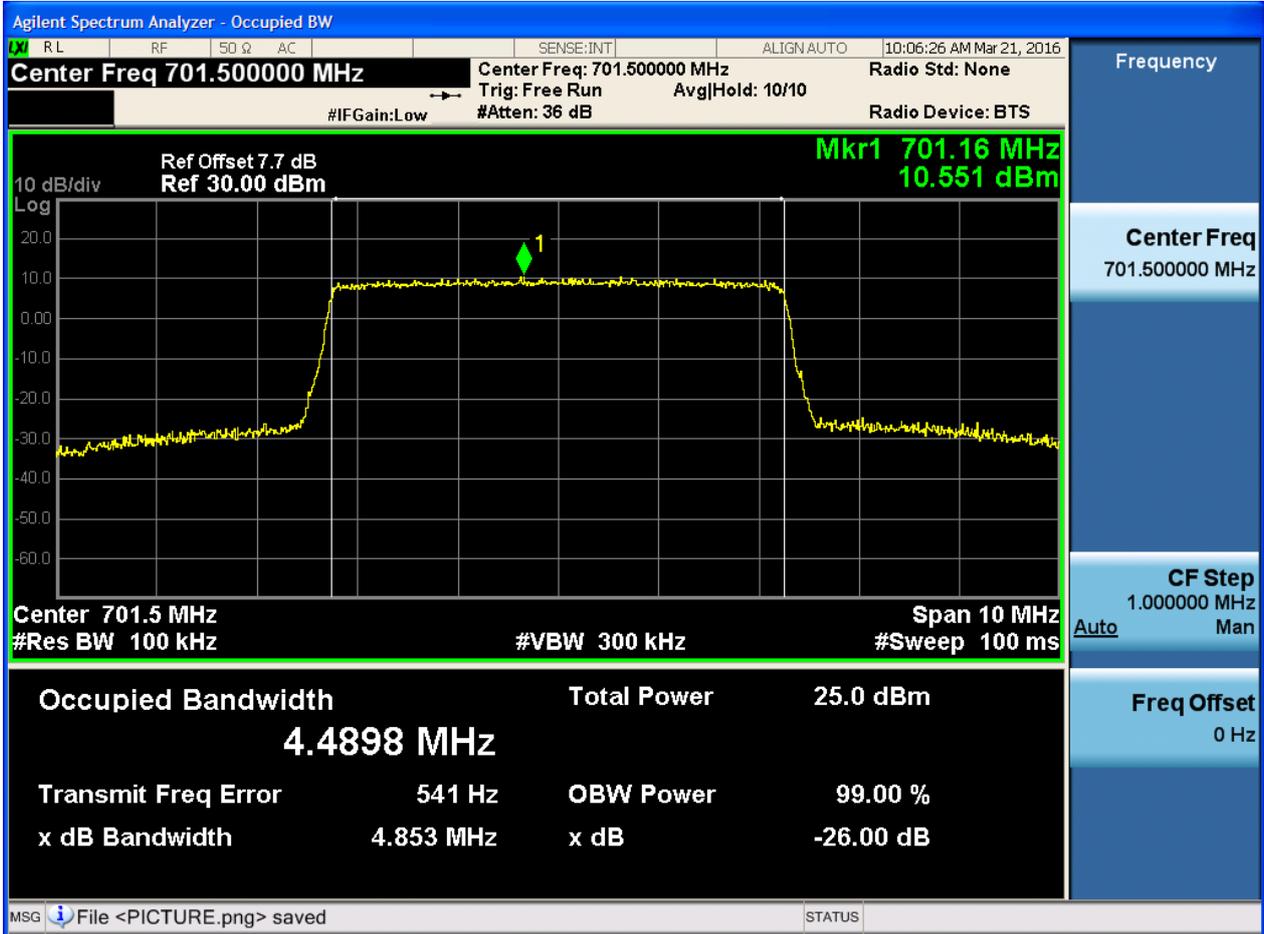




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

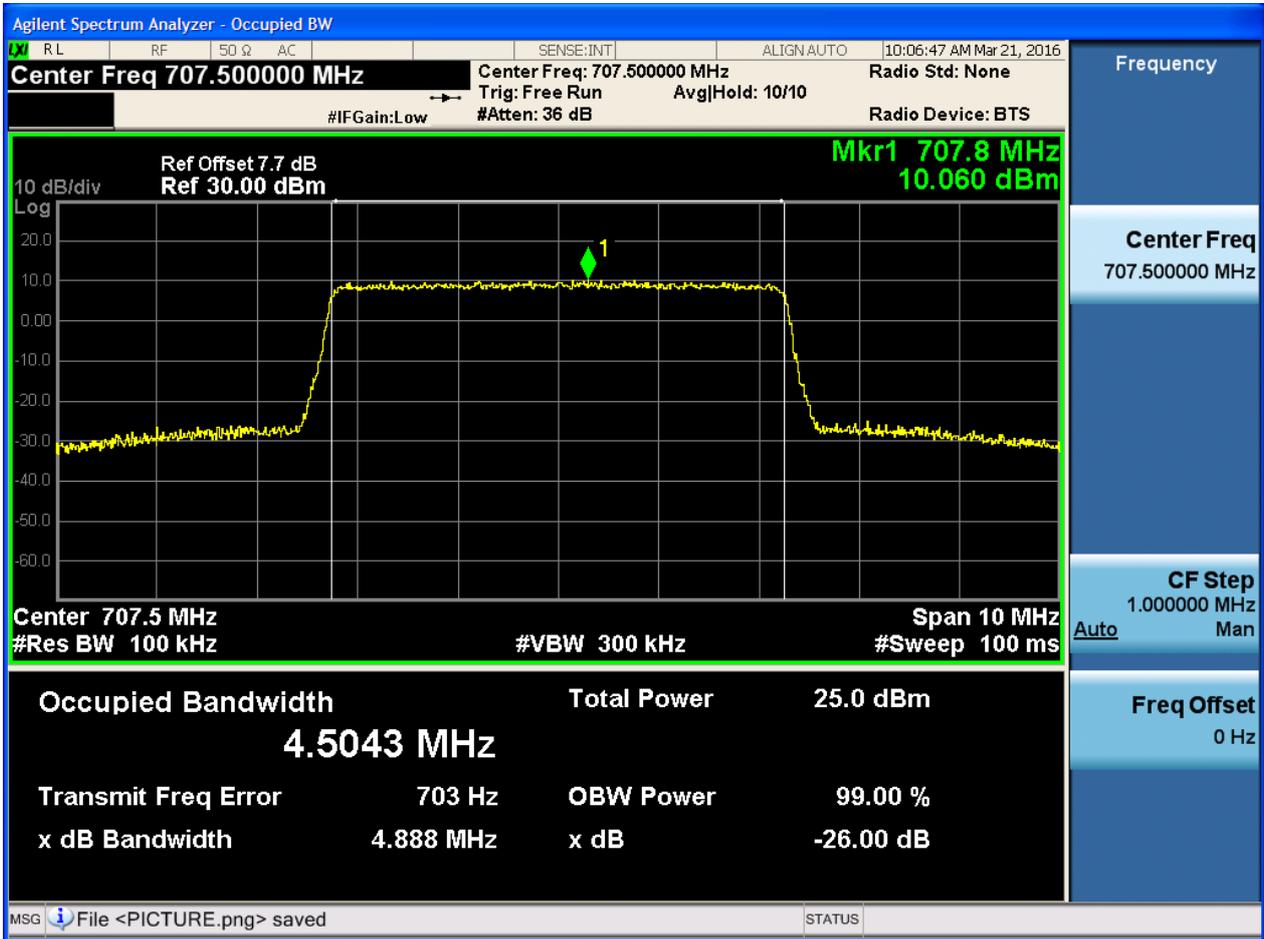
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

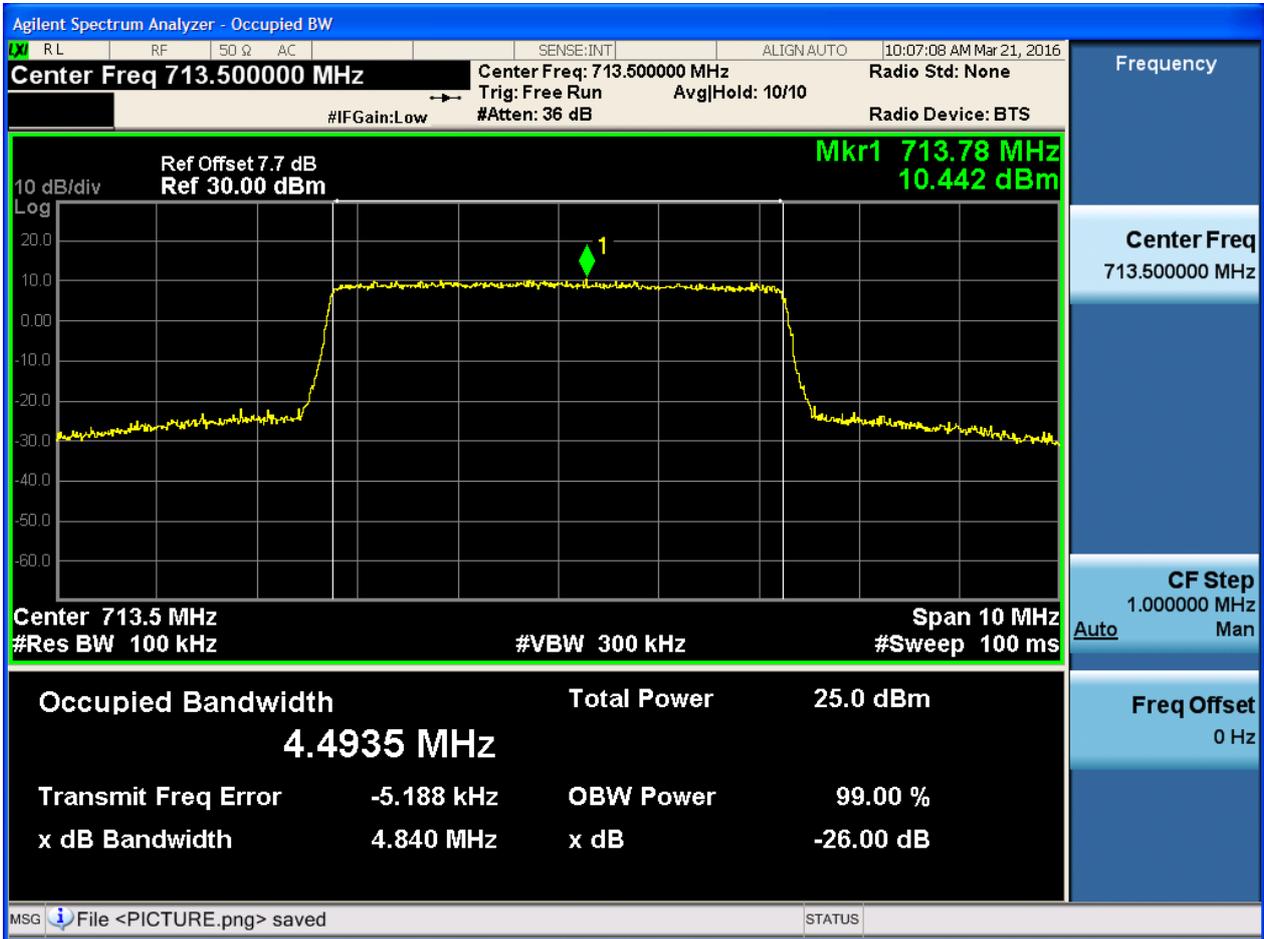
4.1.1.2.3.2.1 Test RB = RB25#0





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

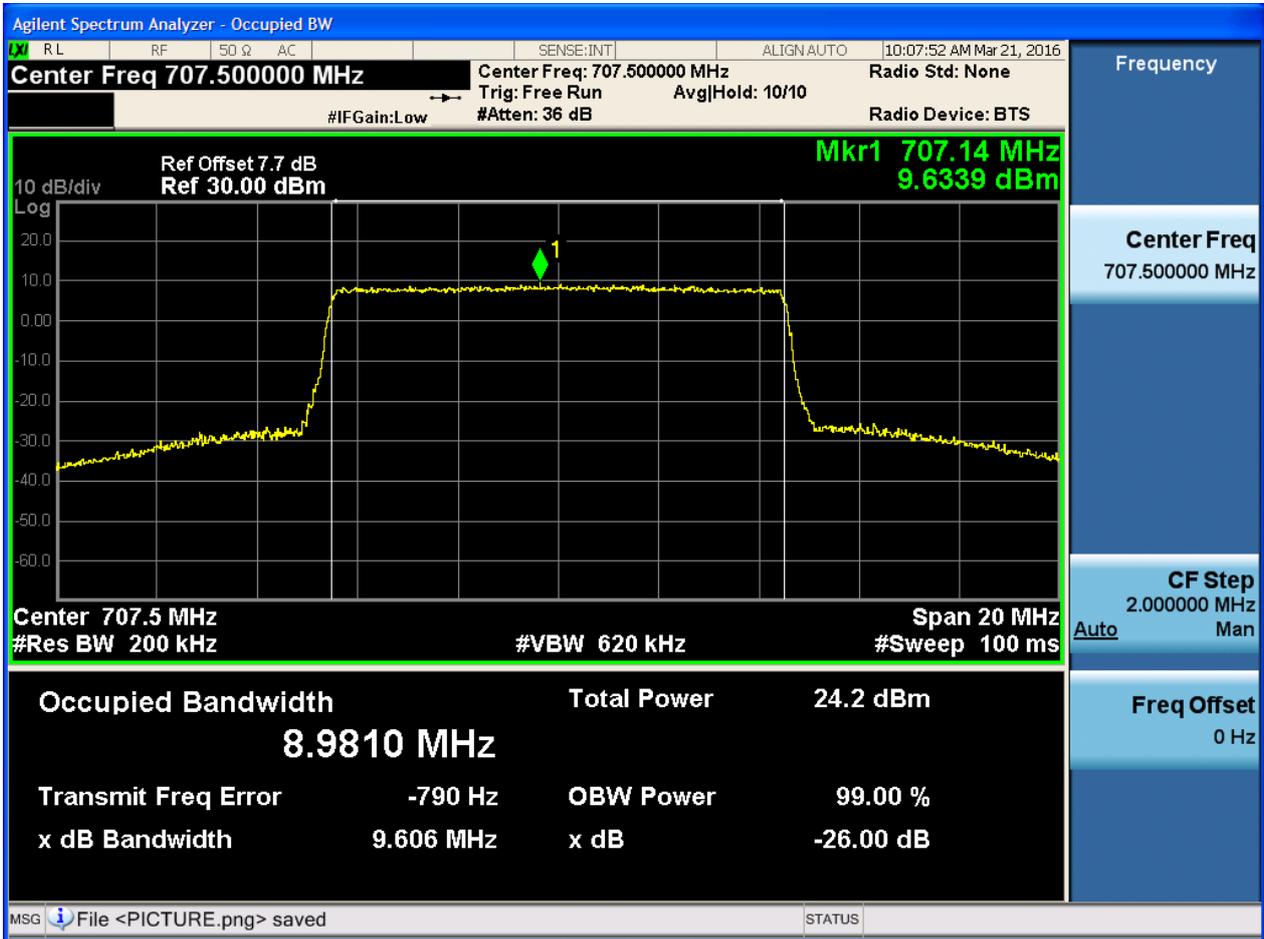
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

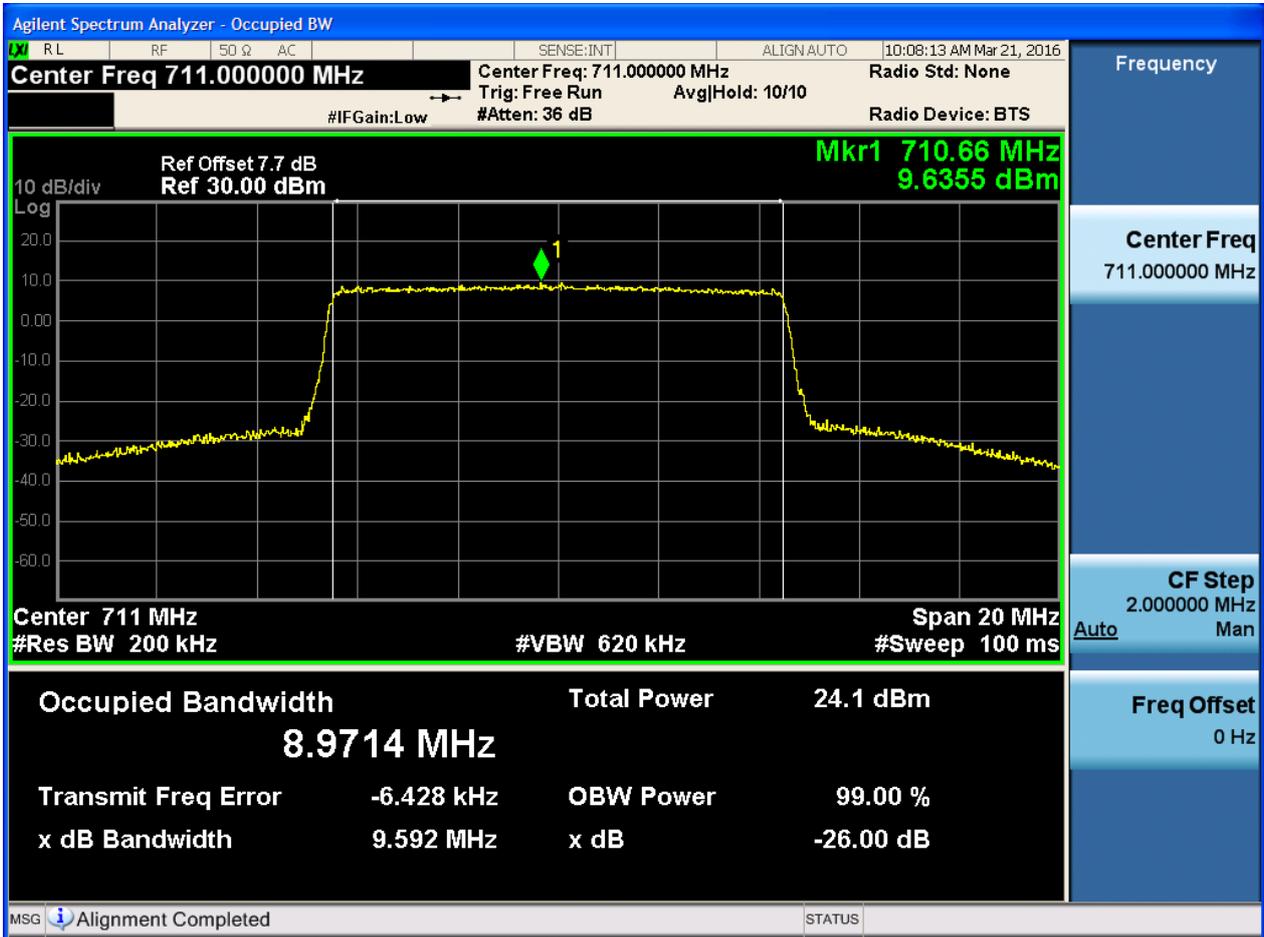
4.1.1.2.4.2.1 Test RB = RB50#0





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

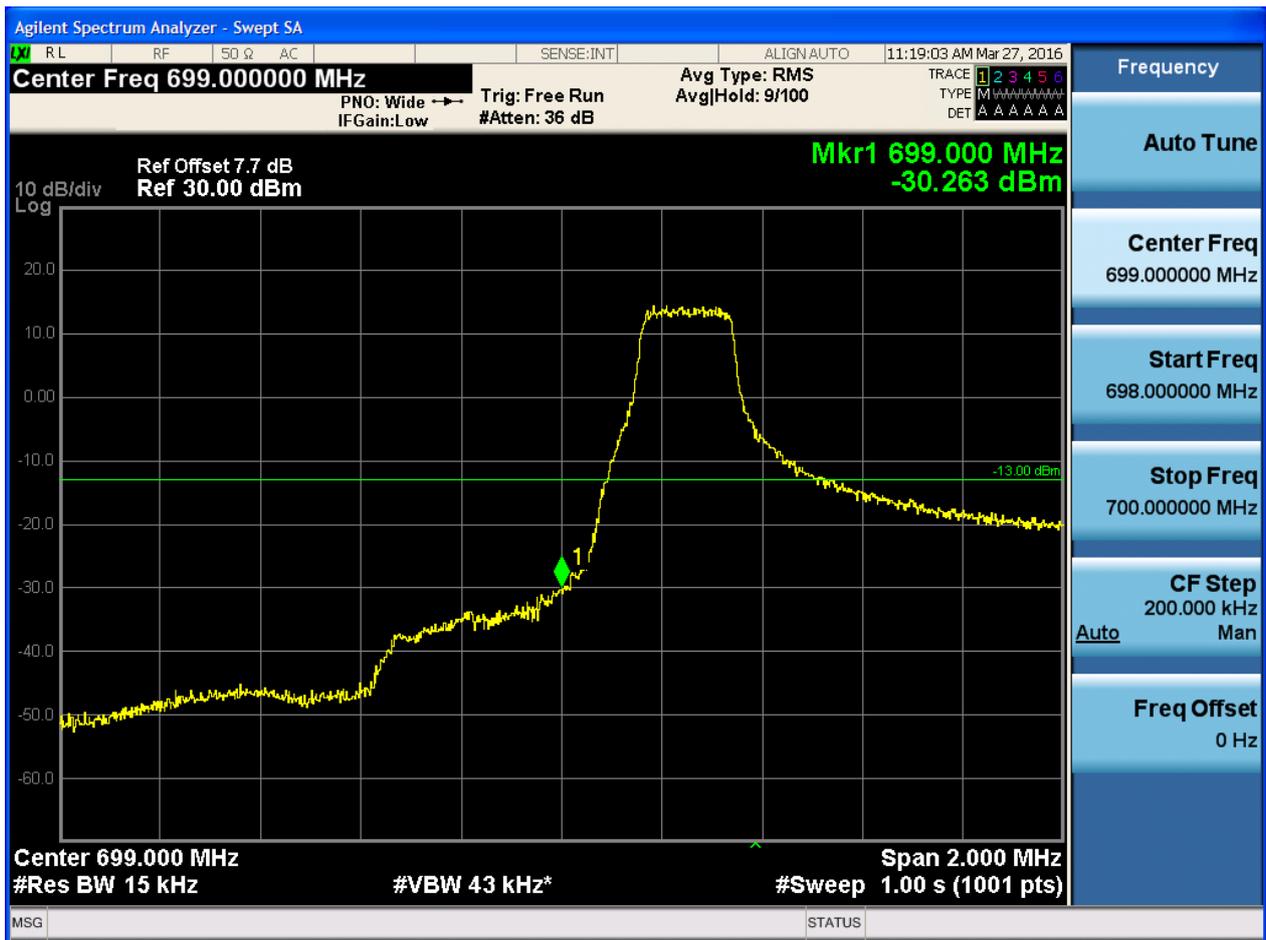
##### 5.1.1 Test Band = BAND12

##### 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



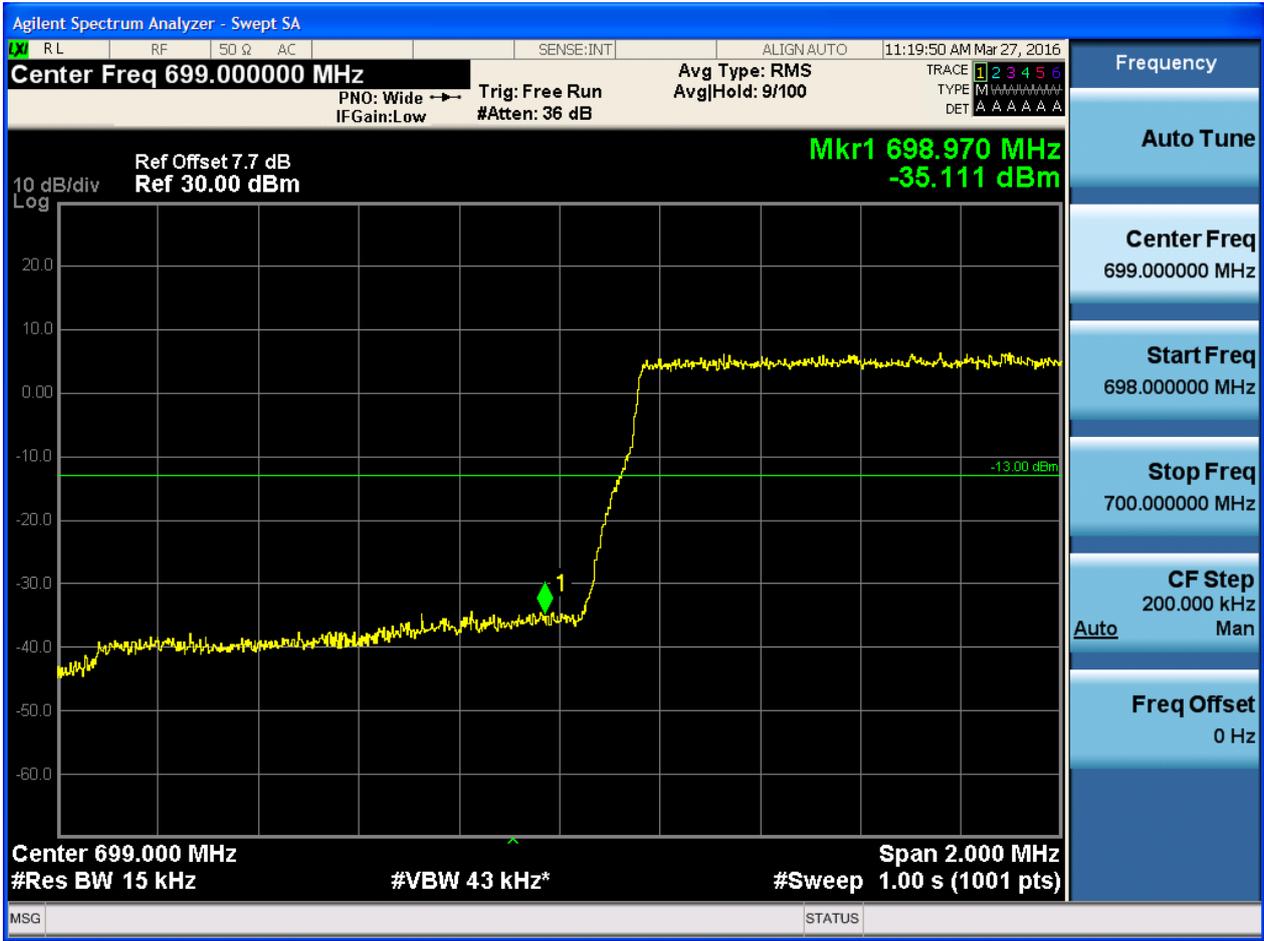


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0



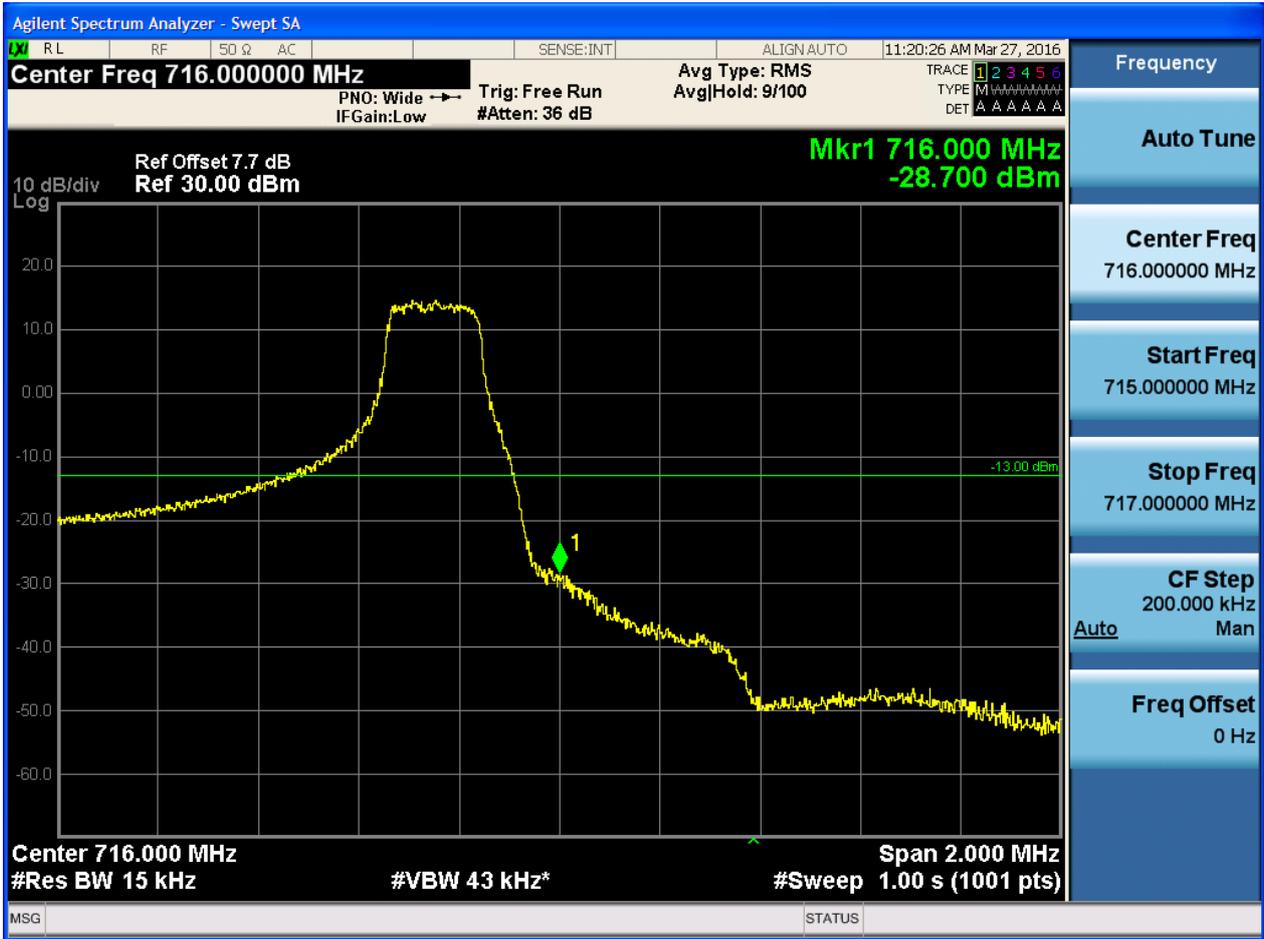
## 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

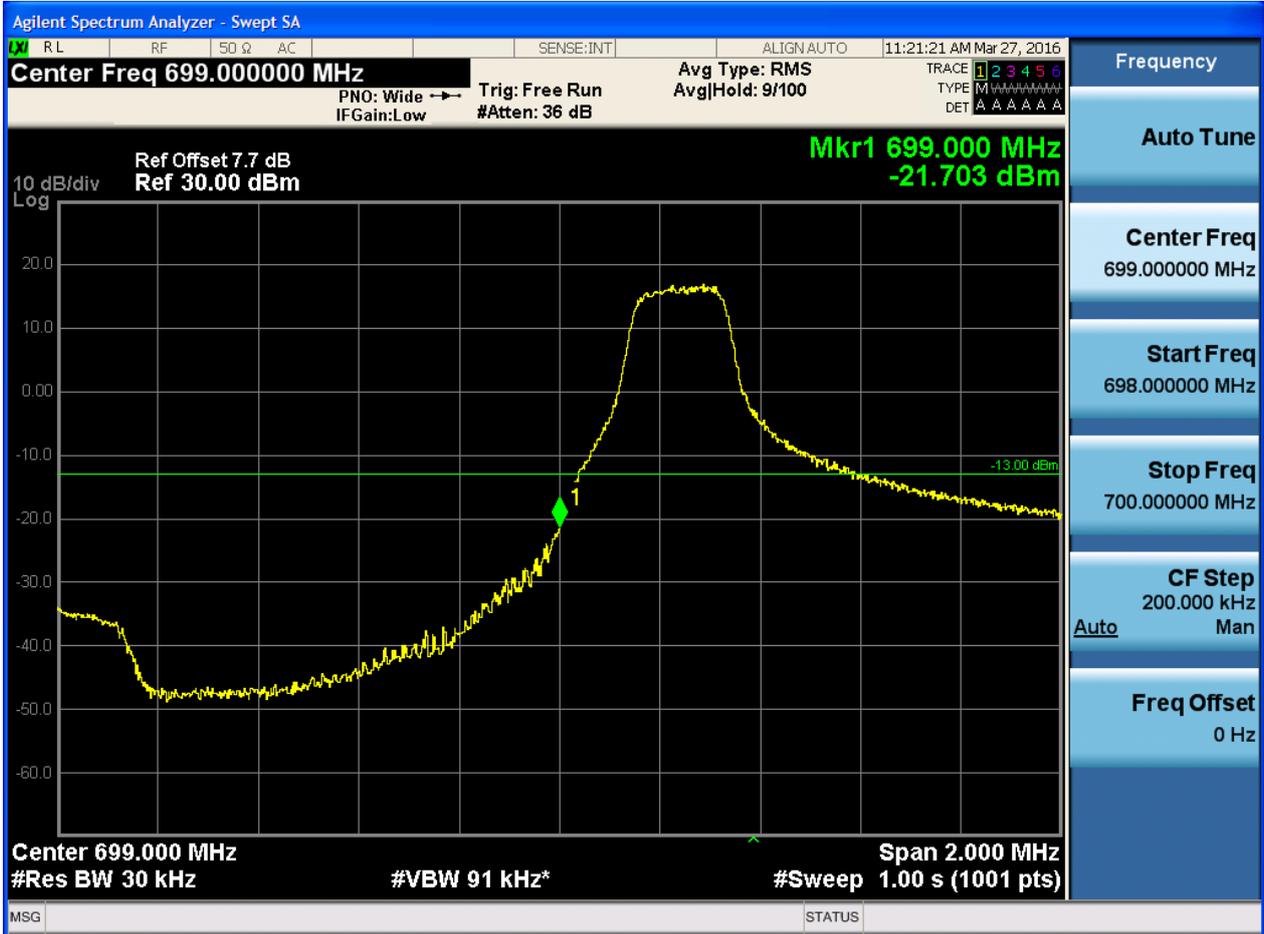




5.1.1.1.2 Test Bandwidth = 3

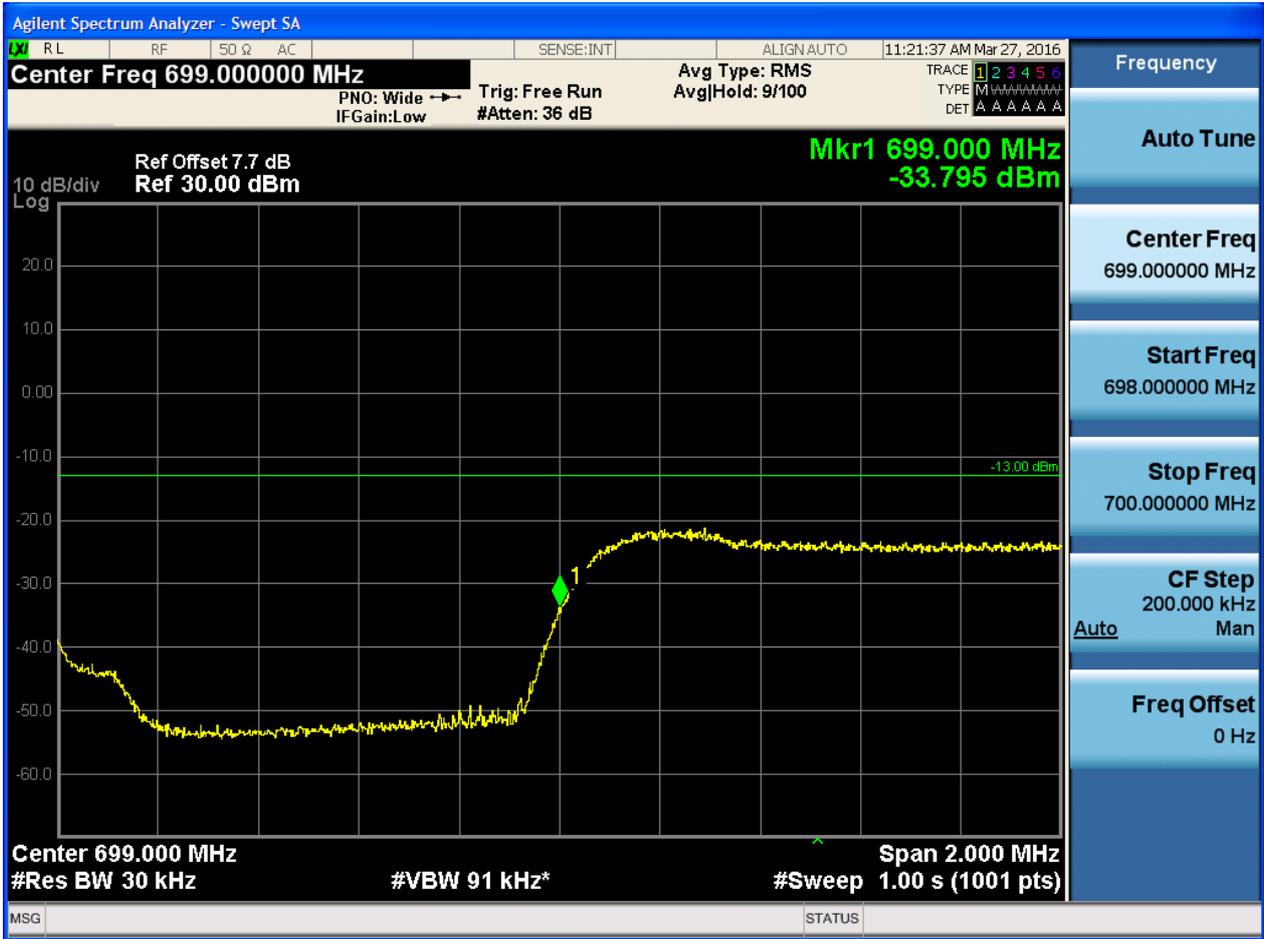
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



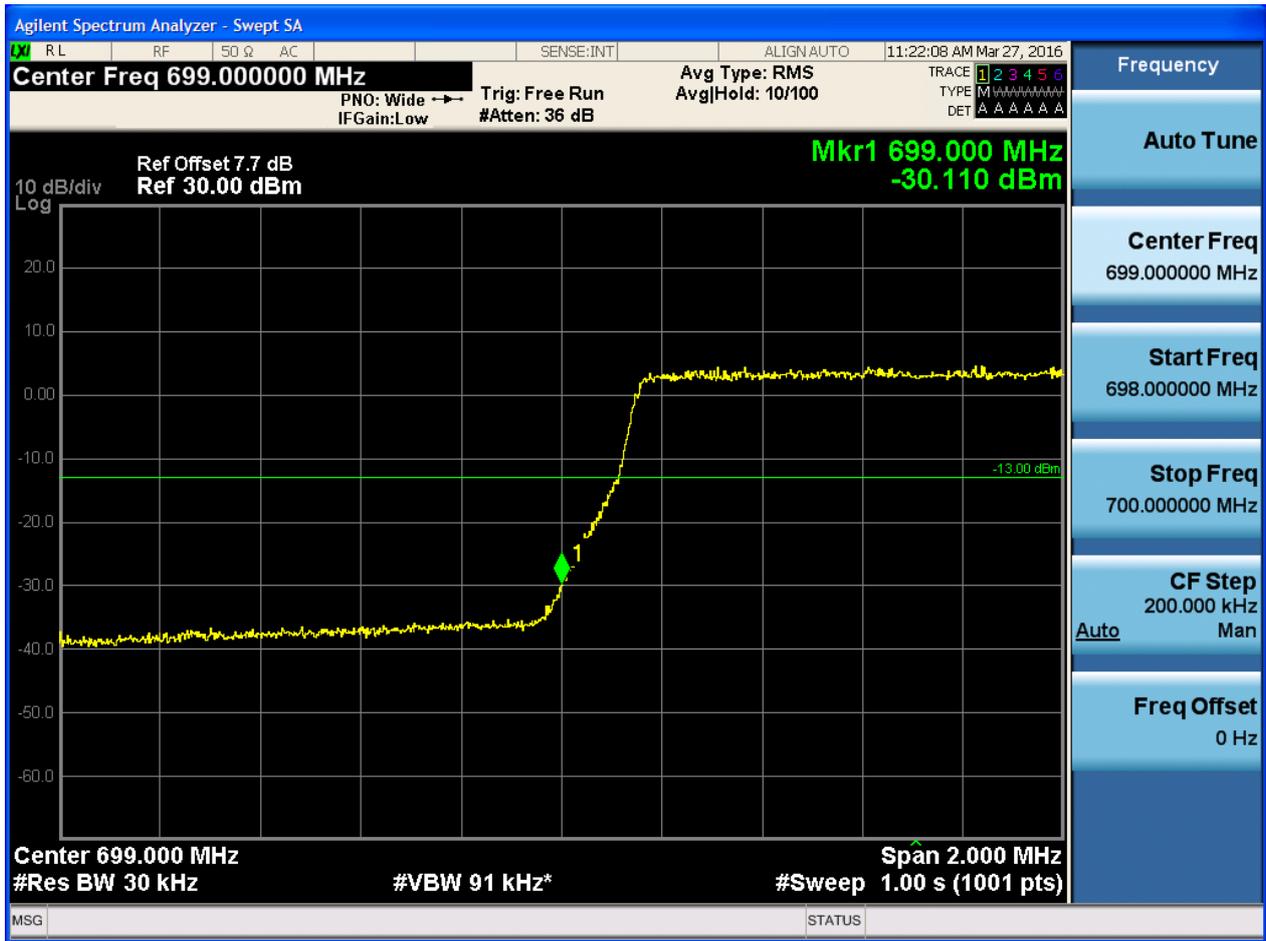


5.1.1.1.2.1.3 Test RB = RB8#4





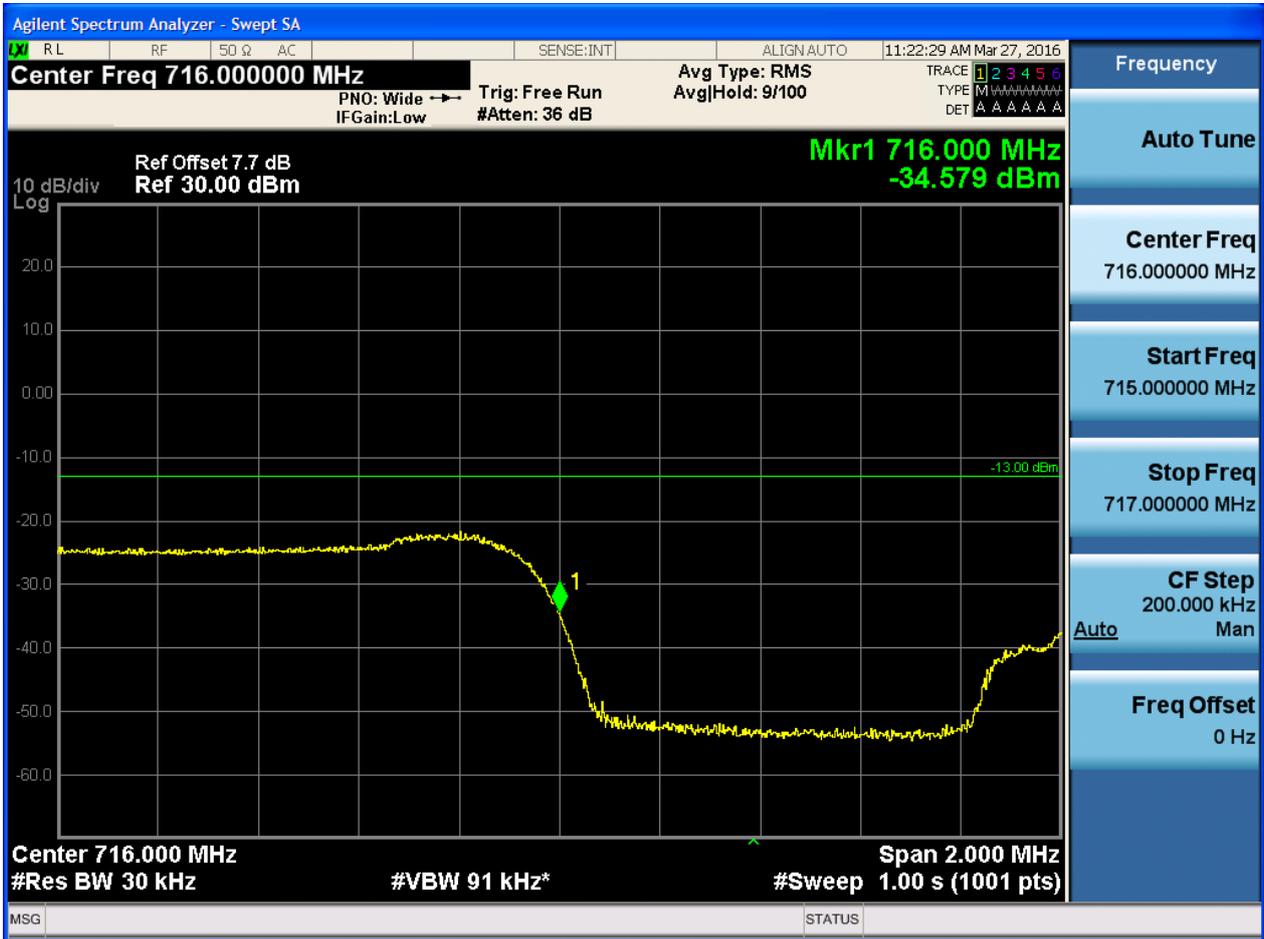
5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



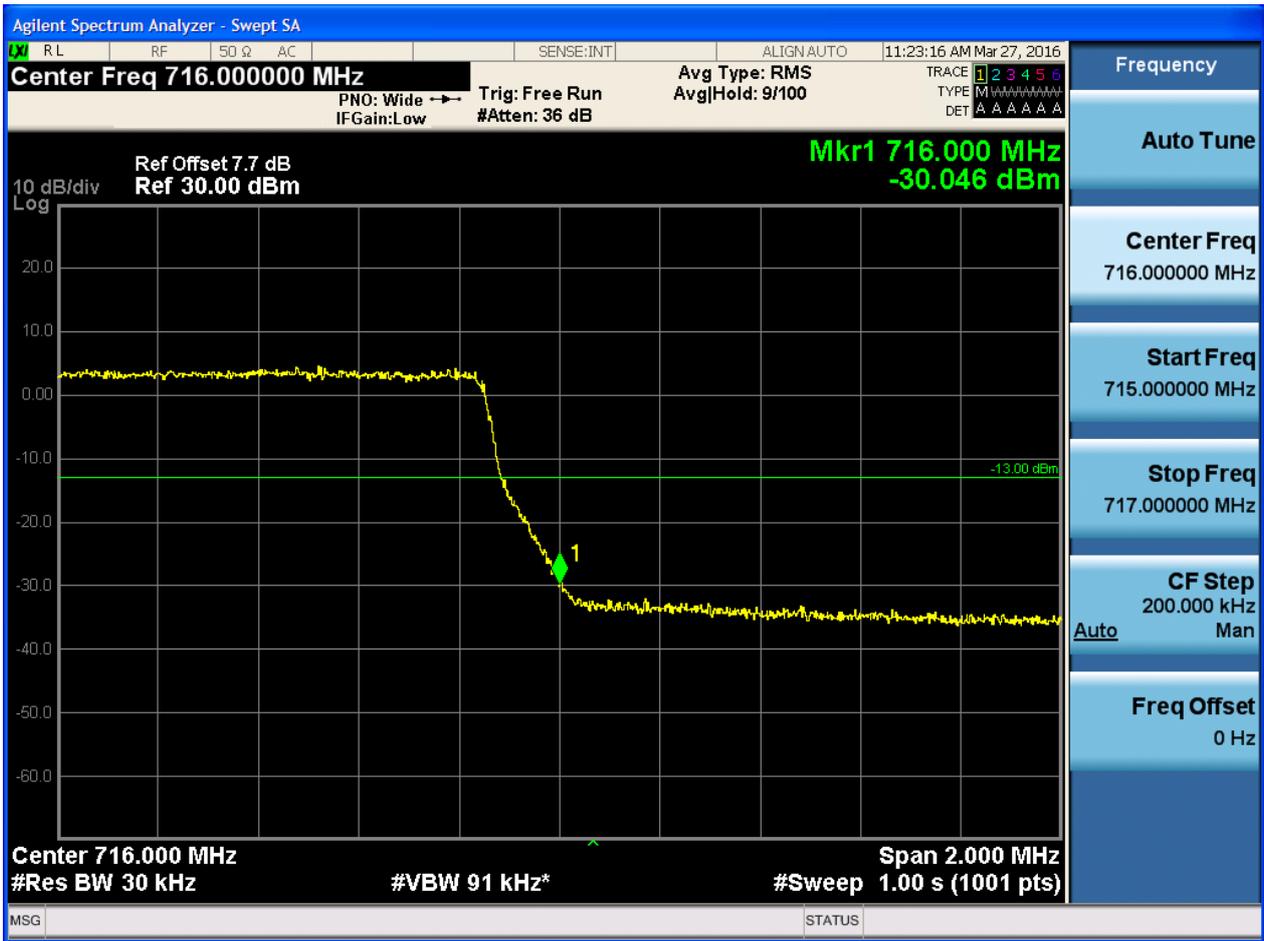


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

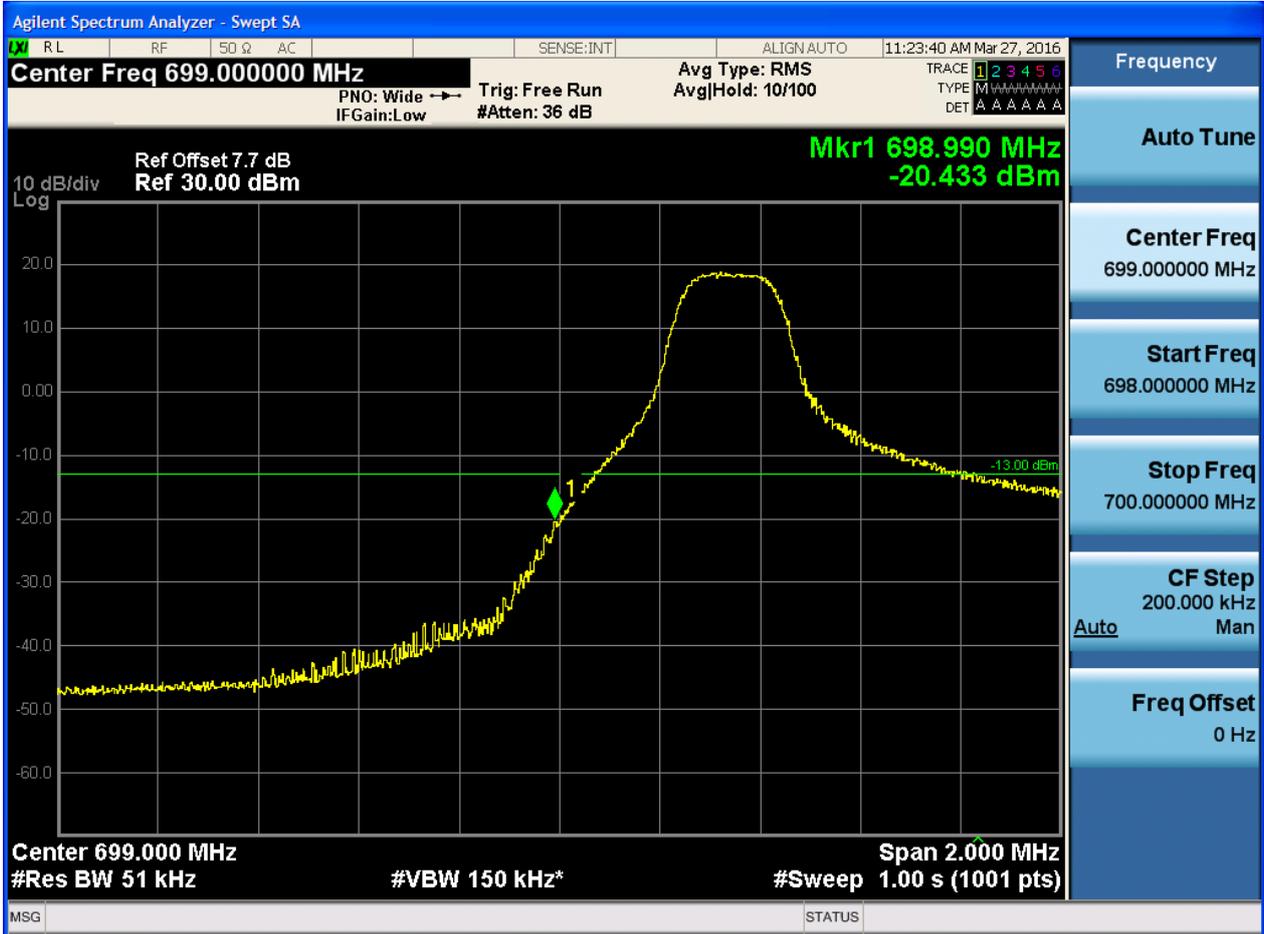




5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24



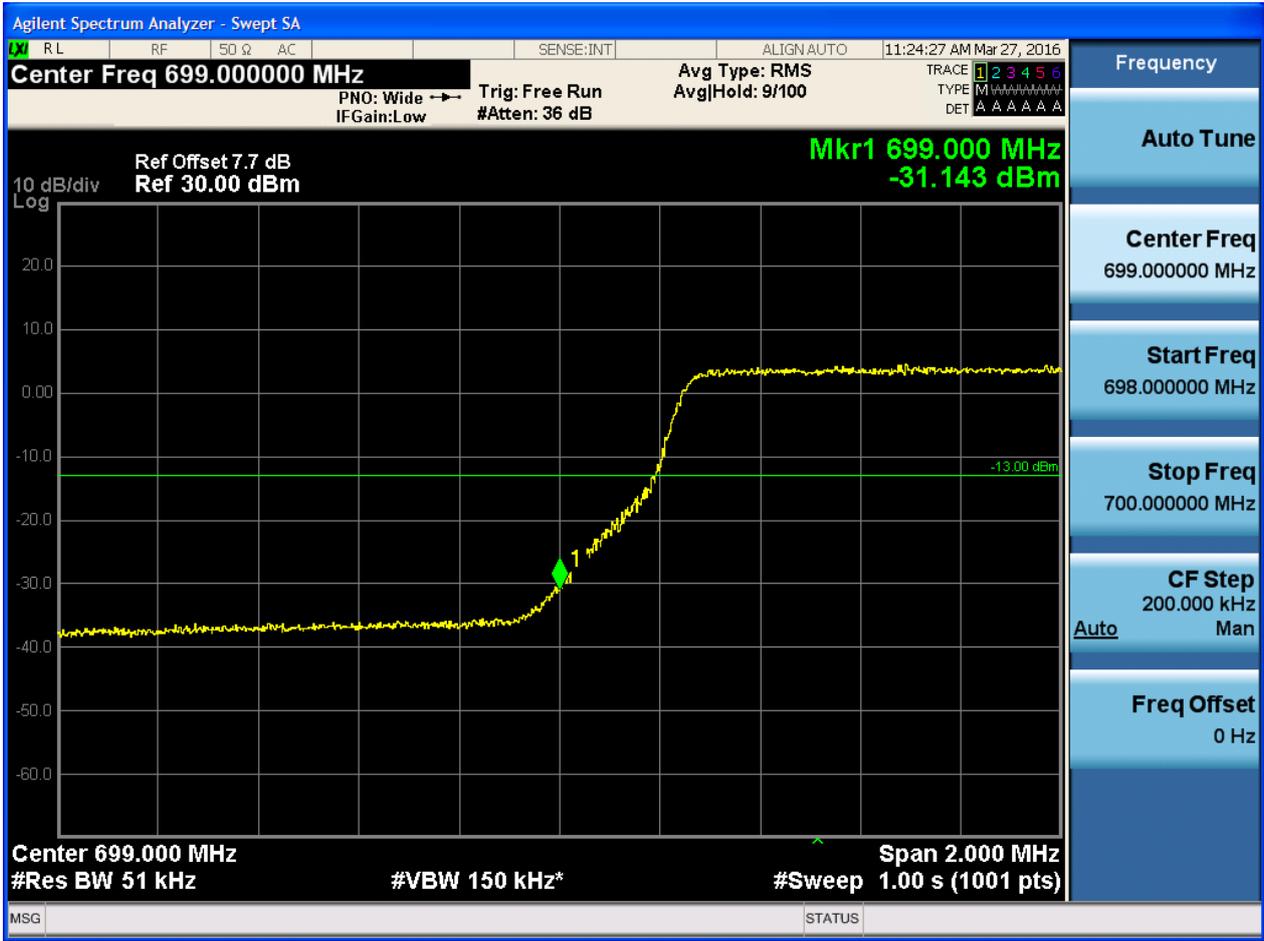


5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0







5.1.1.1.3.2.3 Test RB = RB12#6





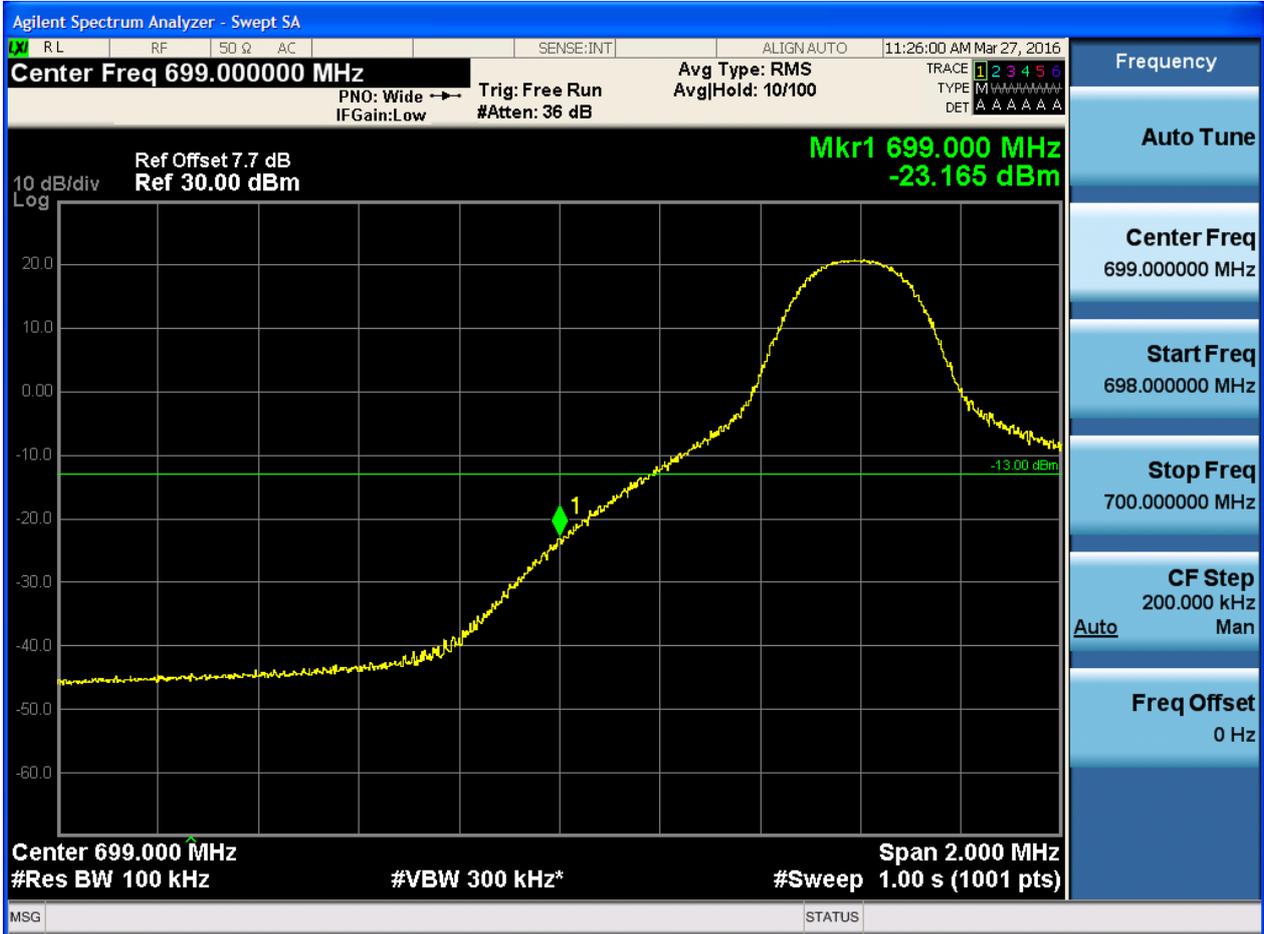
5.1.1.1.3.2.4 Test RB = RB25#0



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





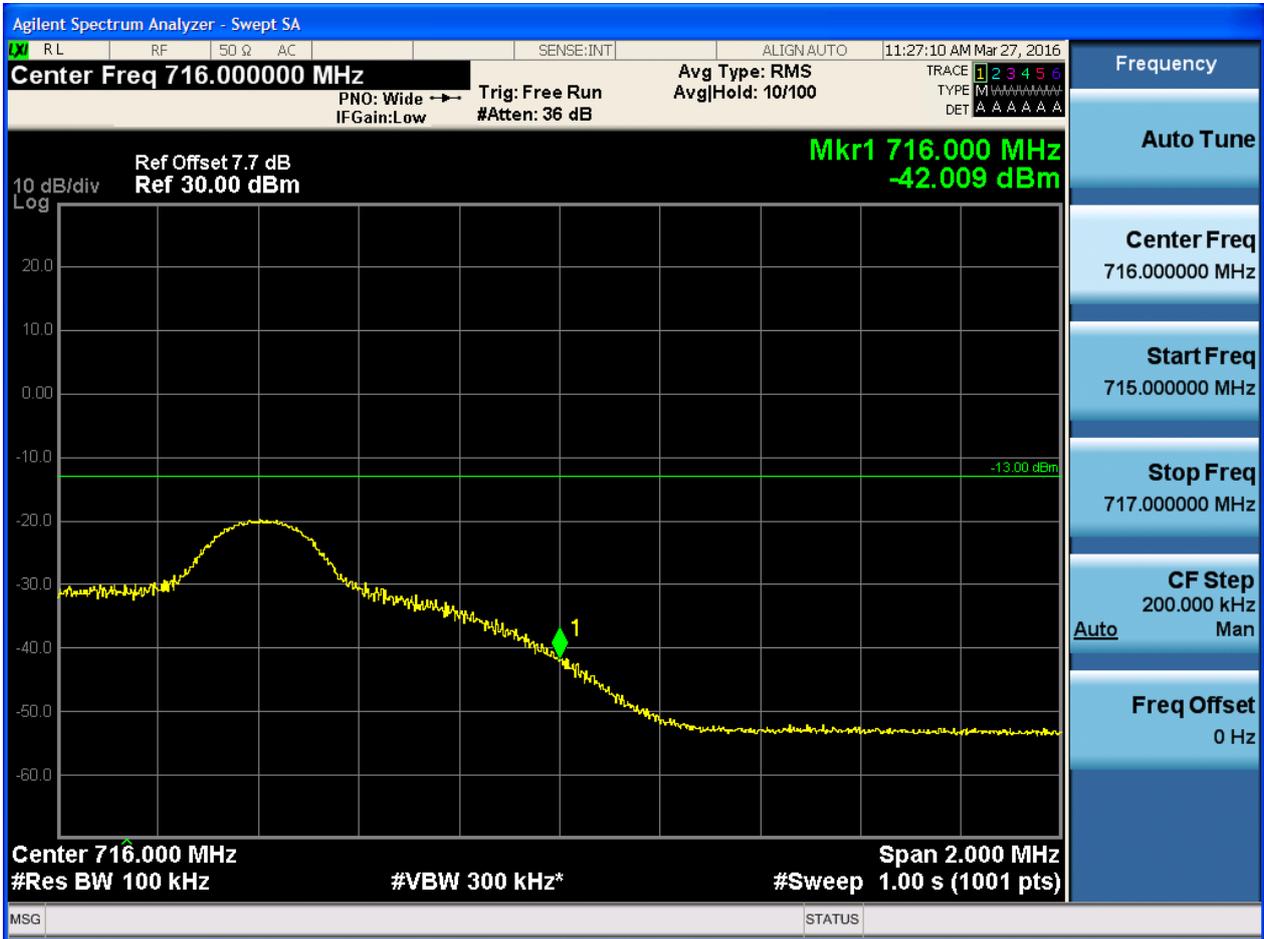
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



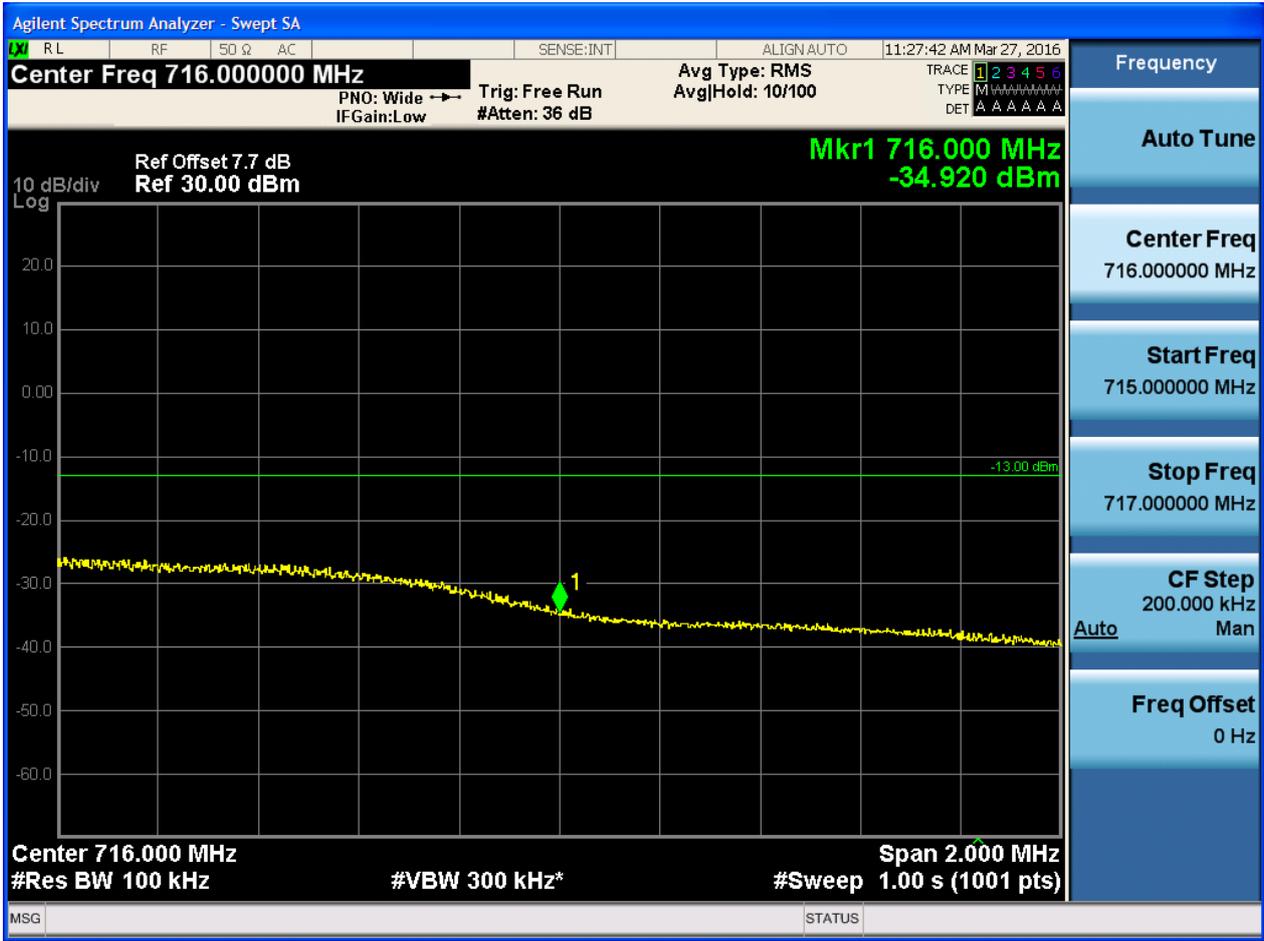


5.1.1.1.4.2.2 Test RB = RB1#49





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

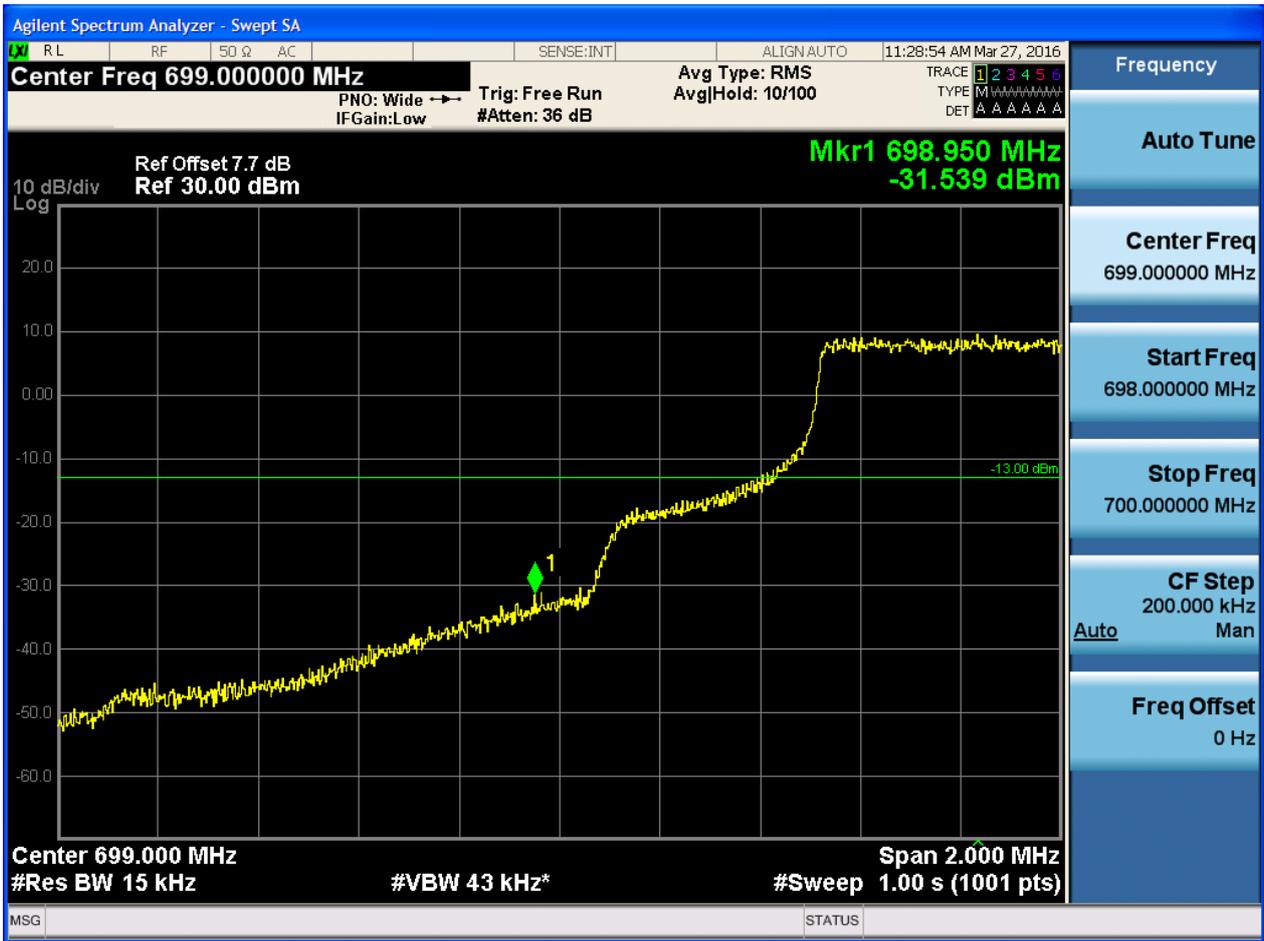
5.1.1.2.1.1.1 Test RB = RB1#0





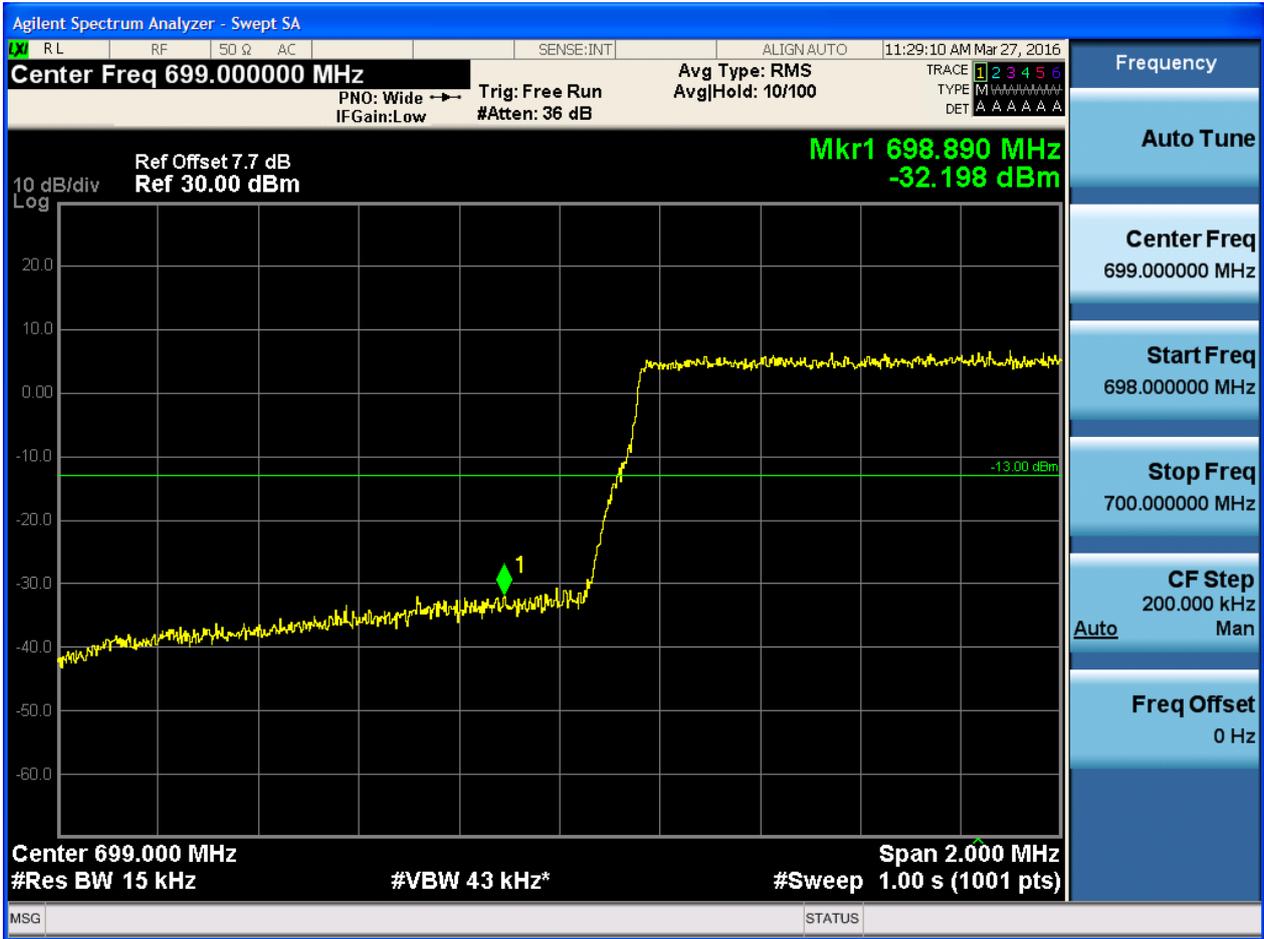


5.1.1.2.1.1.3 Test RB = RB3#2





5.1.1.2.1.1.4 Test RB = RB6#0





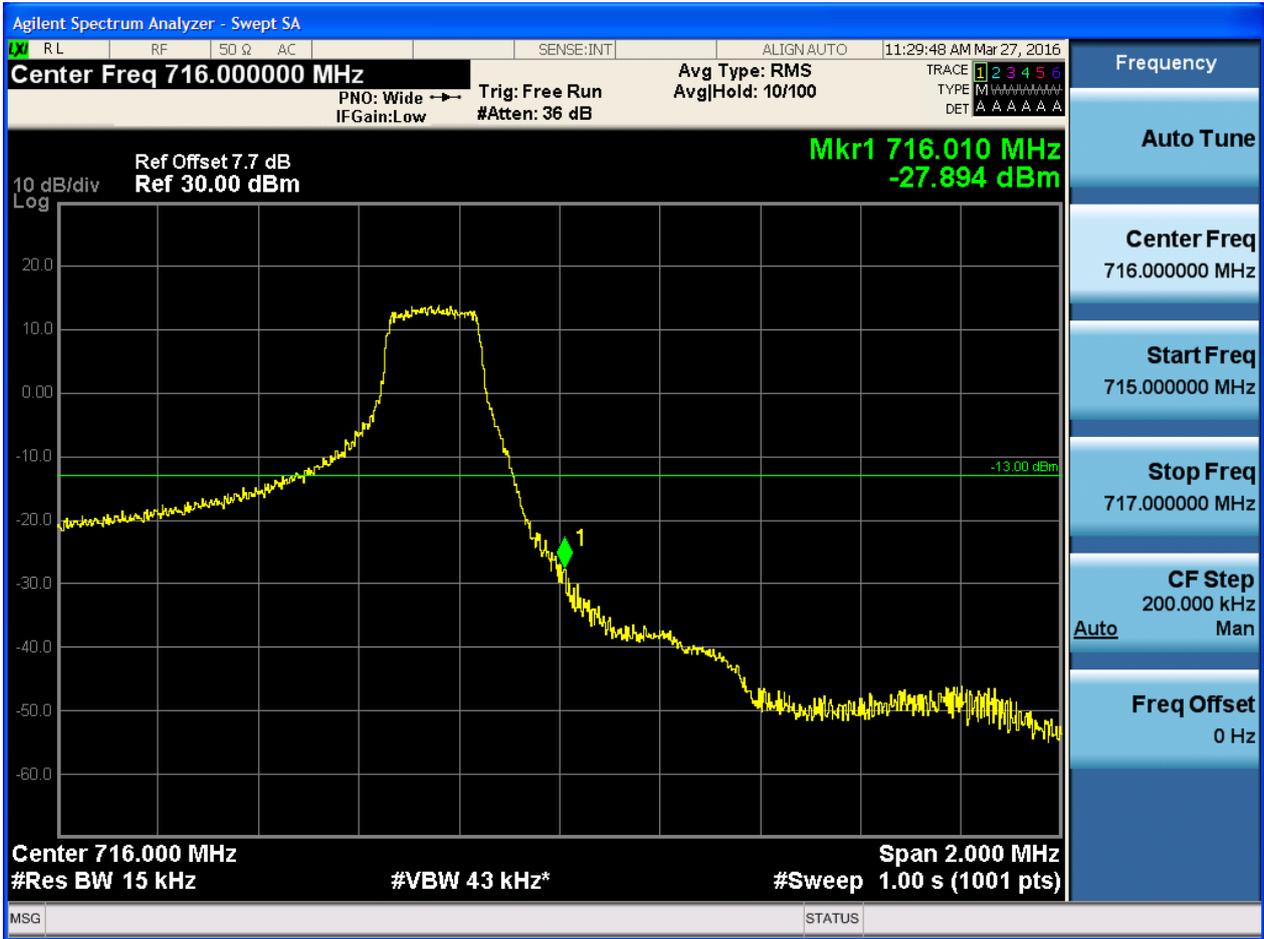
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5



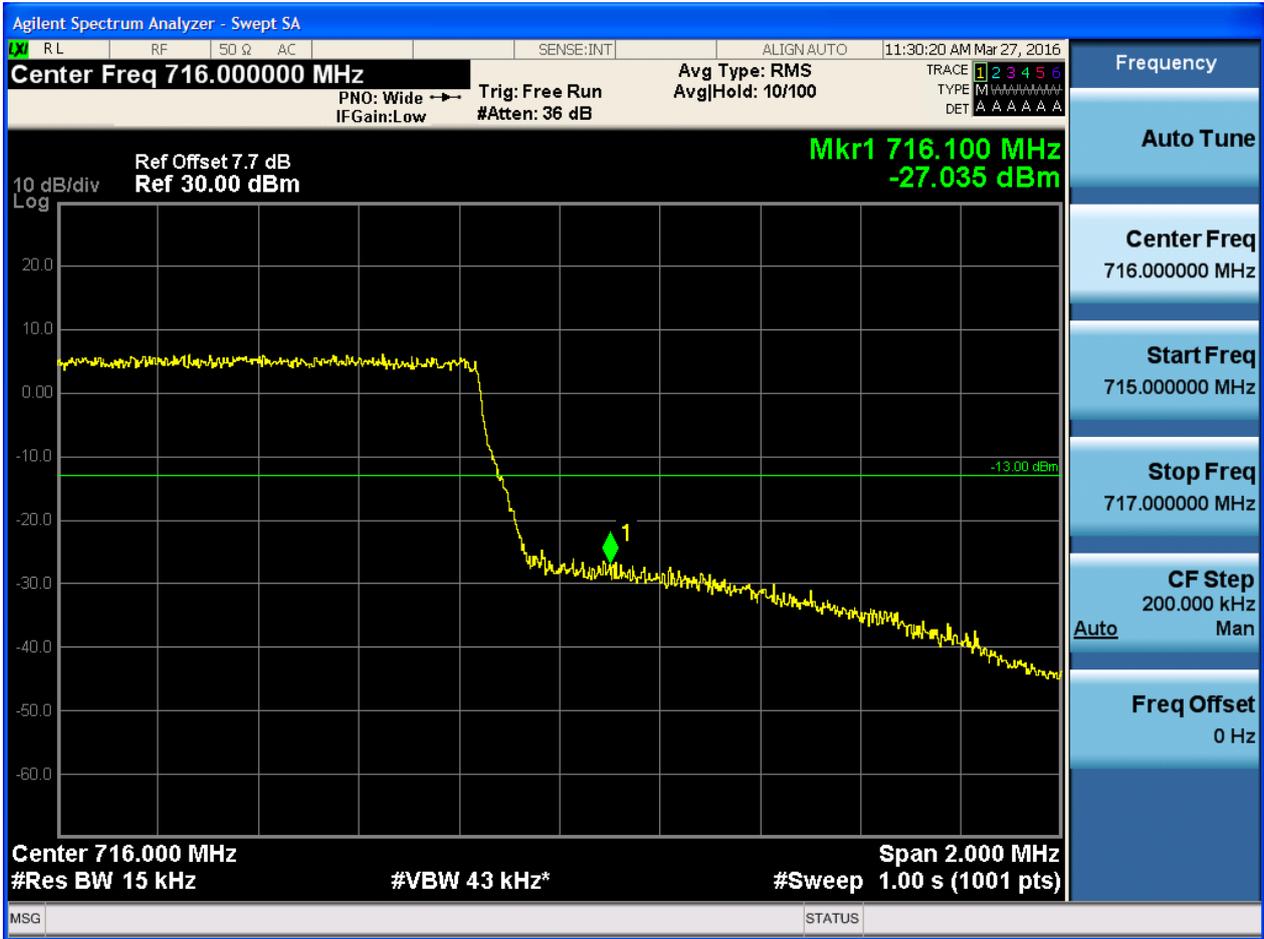


5.1.1.2.1.2.3 Test RB = RB3#2





5.1.1.2.1.2.4 Test RB = RB6#0

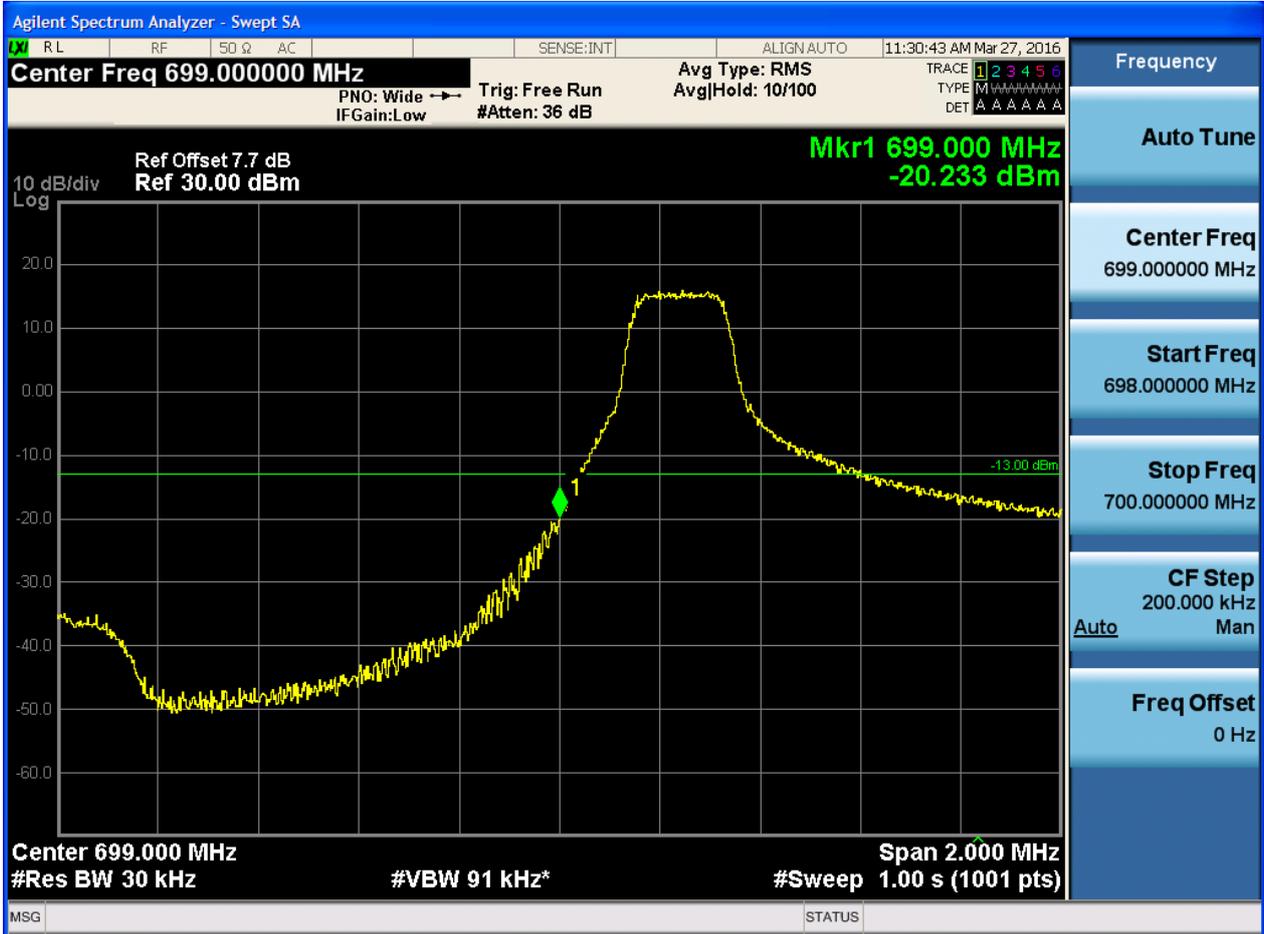




5.1.1.2.2 Test Bandwidth = 3

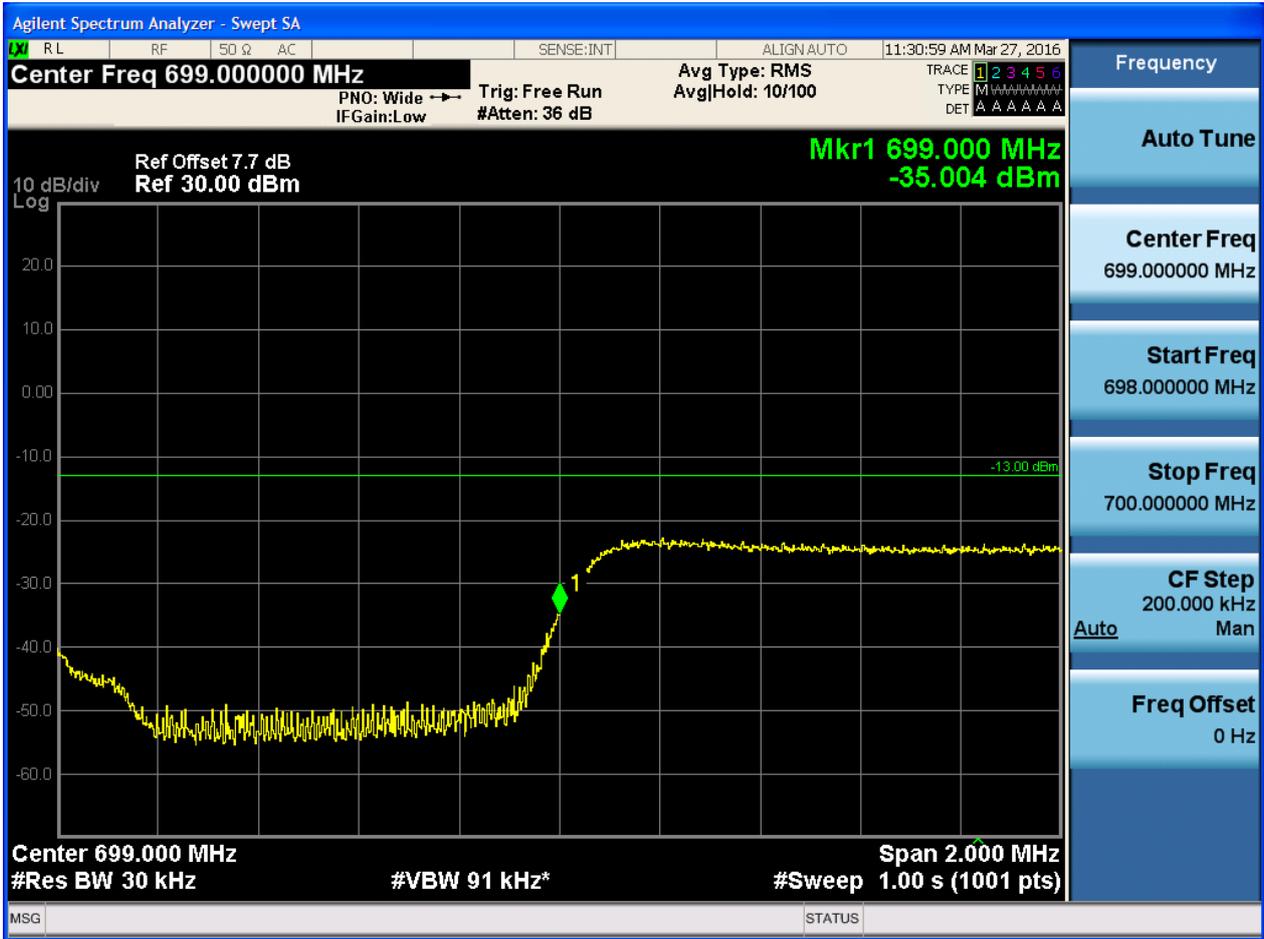
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14



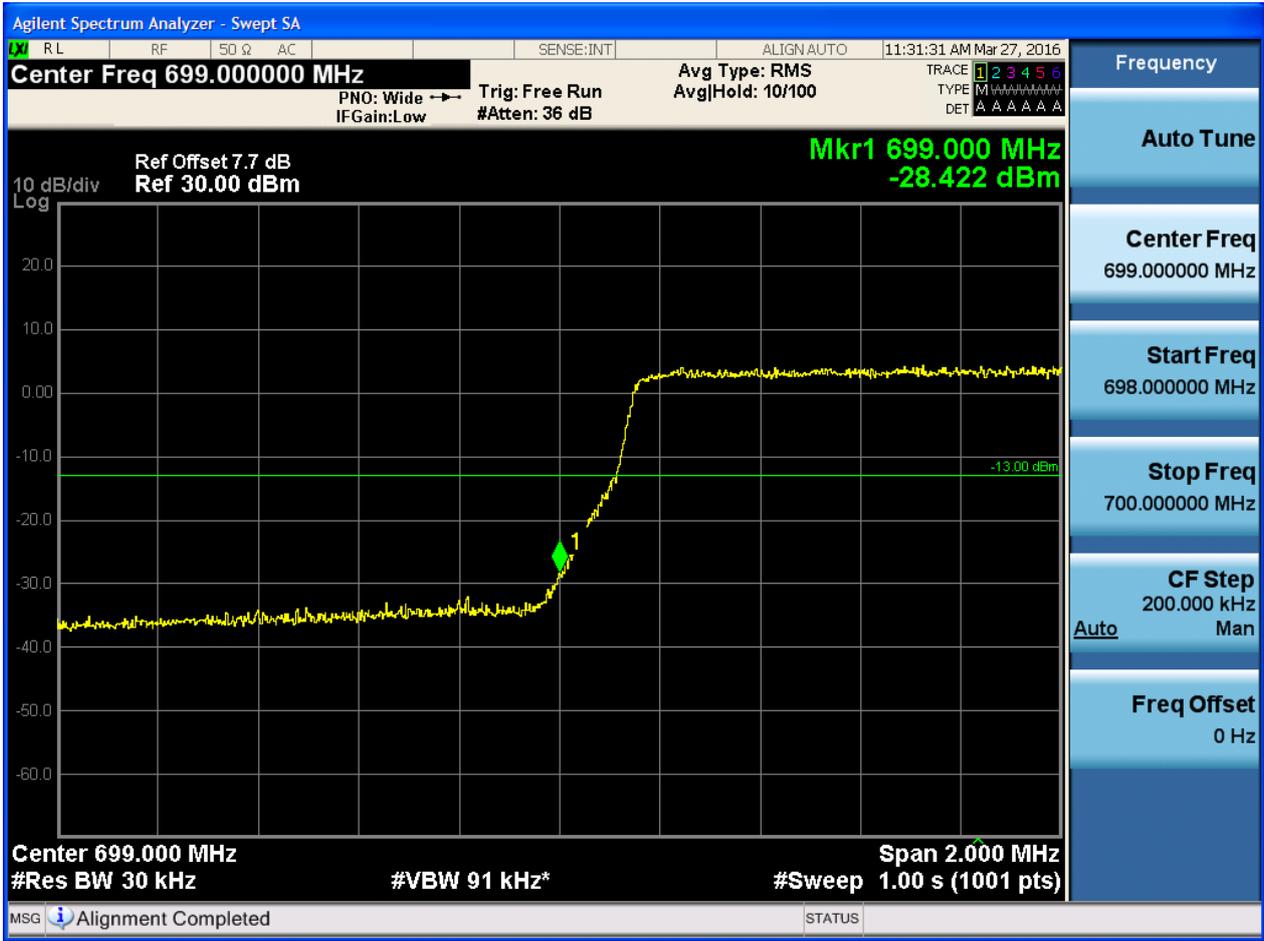


5.1.1.2.2.1.3 Test RB = RB8#4





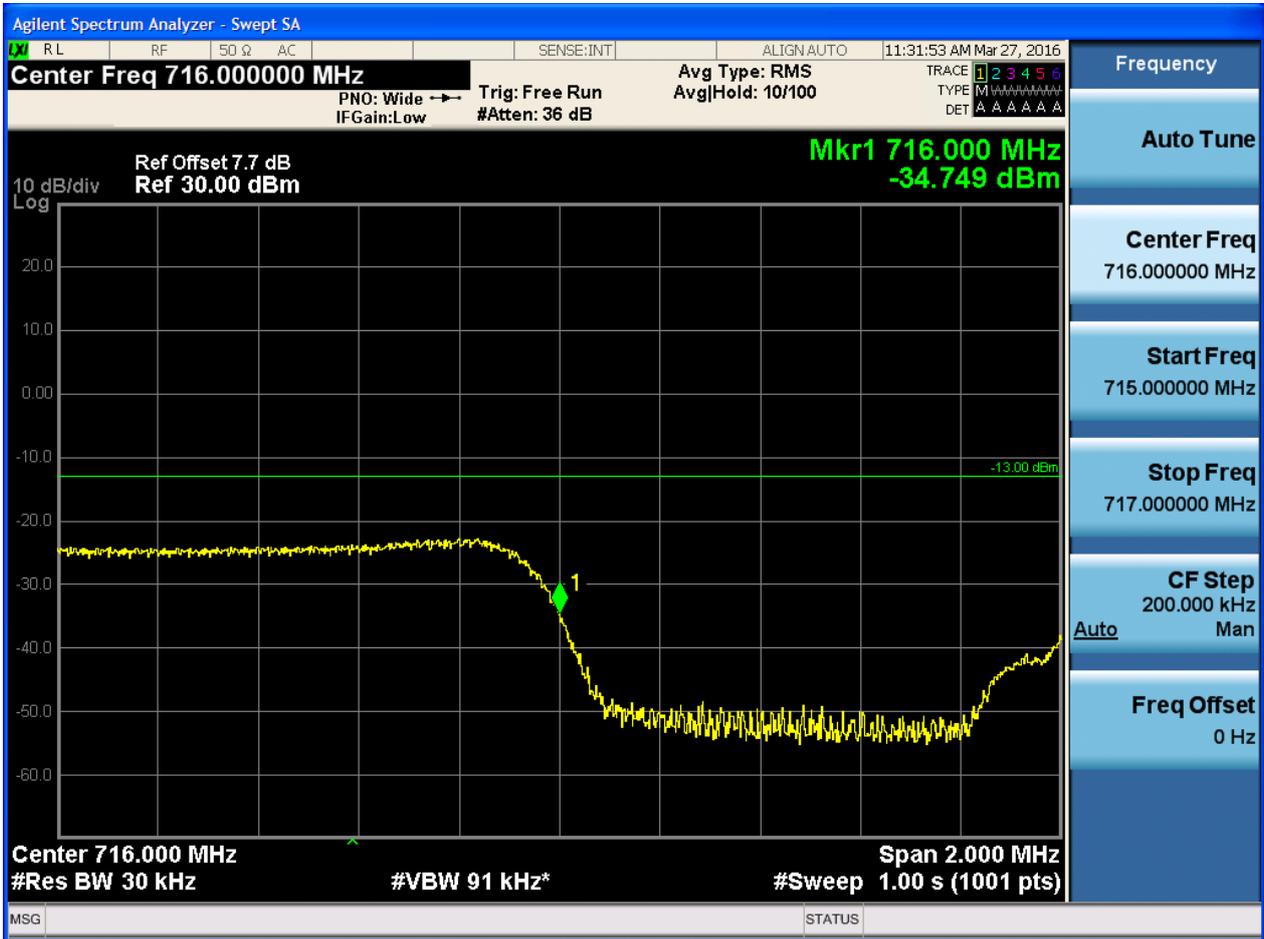
5.1.1.2.2.1.4 Test RB = RB15#0





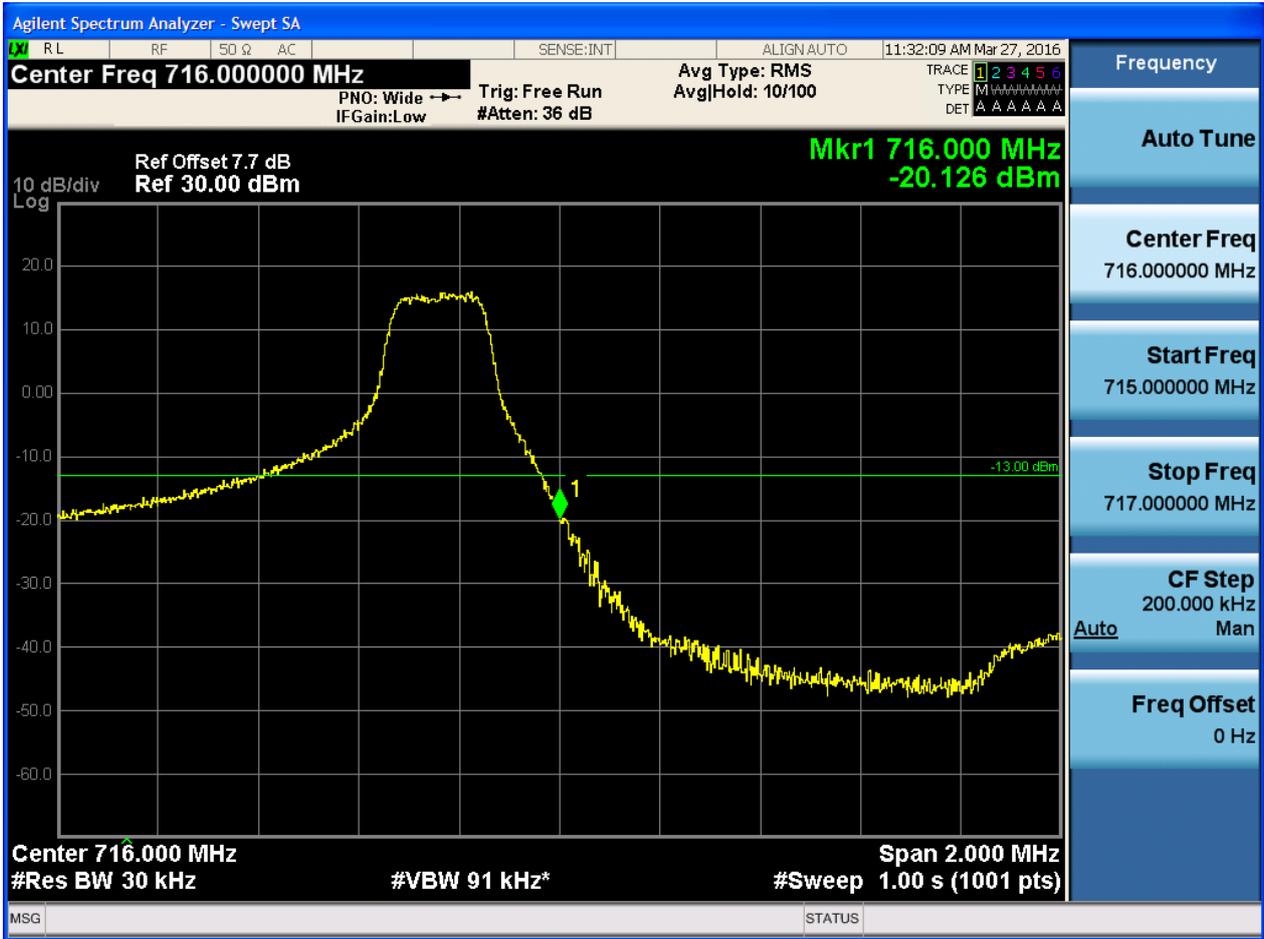
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14



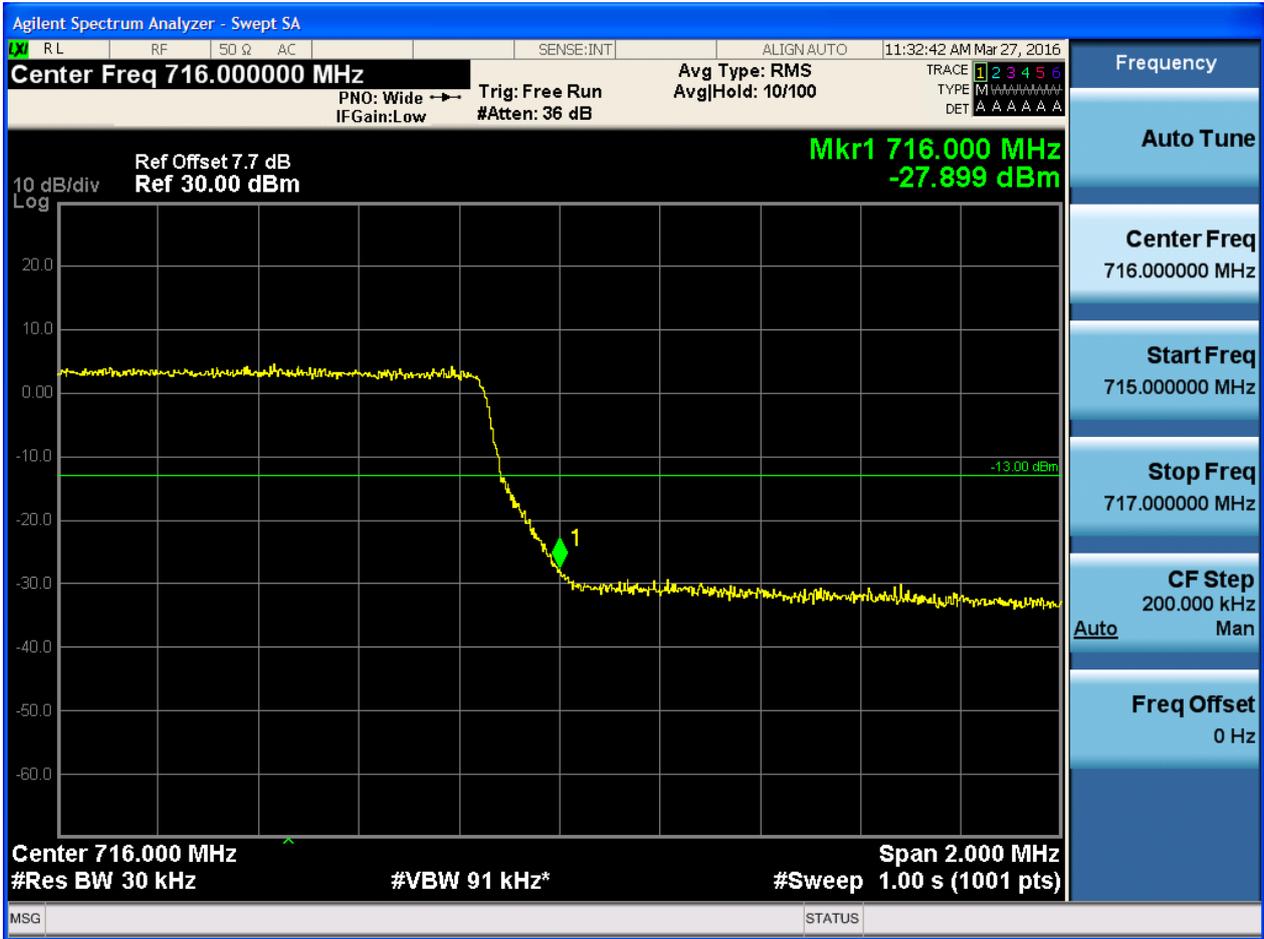


5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.2.4 Test RB = RB15#0

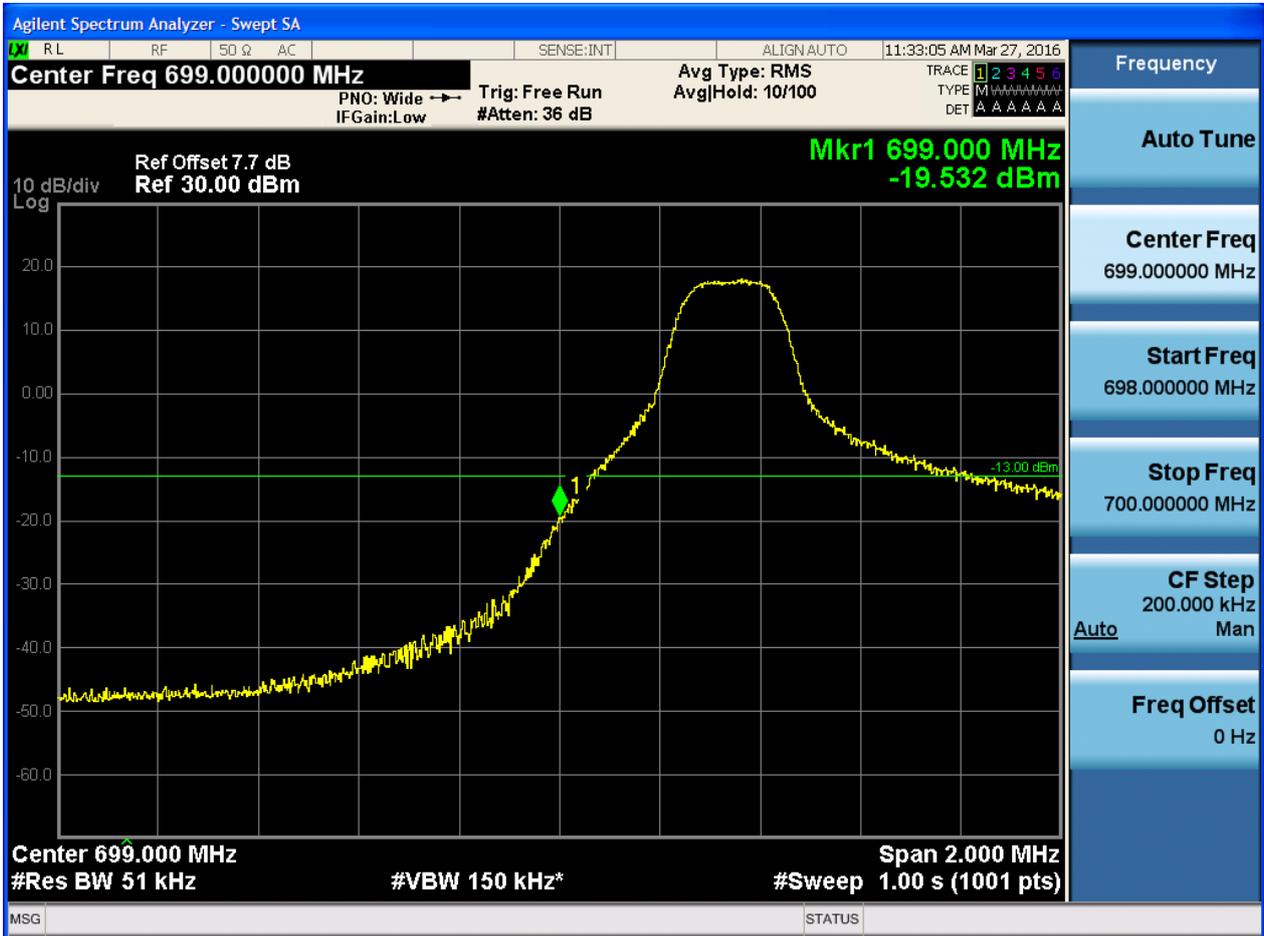




5.1.1.2.3 Test Bandwidth = 5

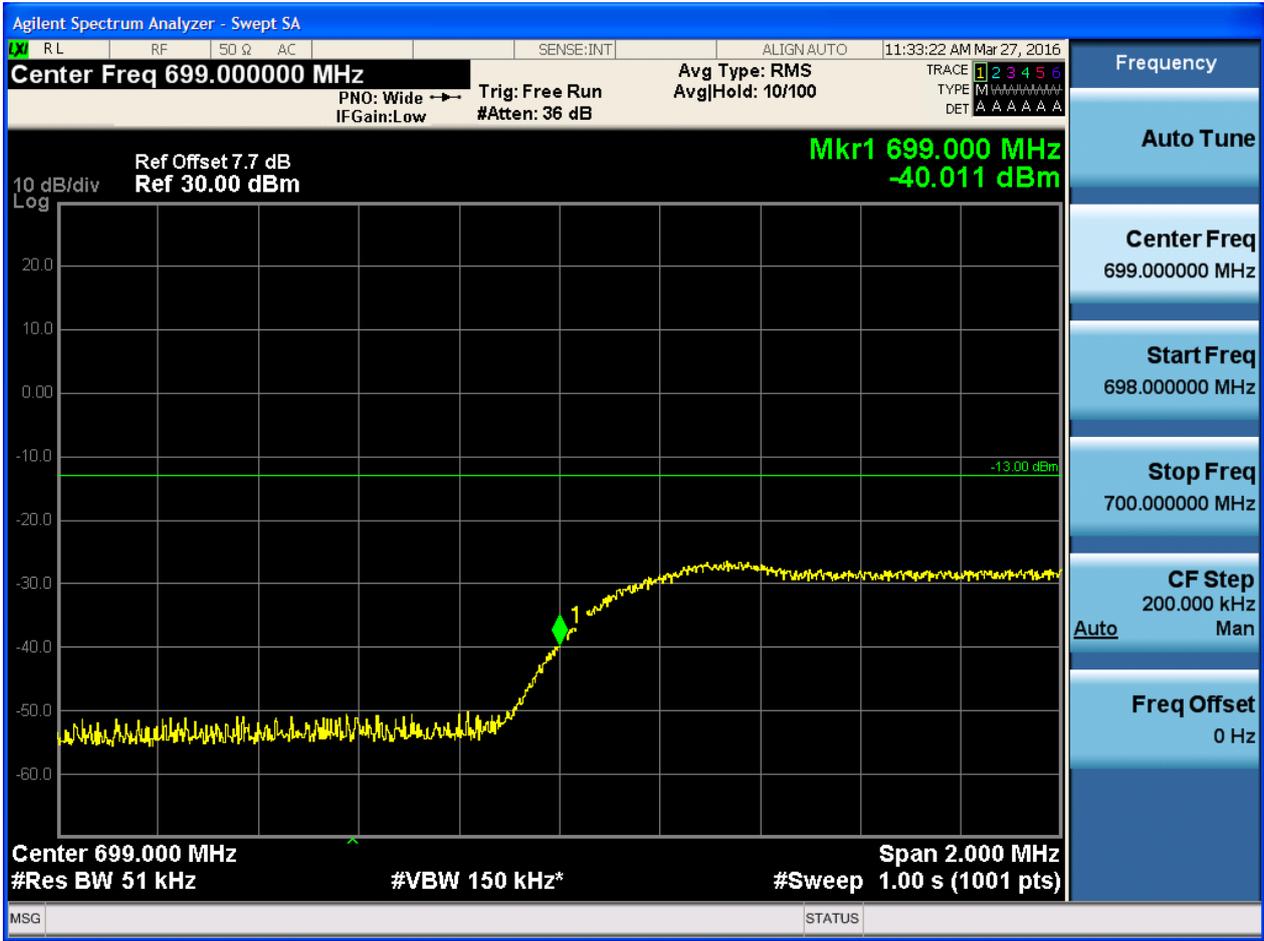
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





5.1.1.2.3.1.2 Test RB = RB1#24





5.1.1.2.3.1.3 Test RB = RB12#6



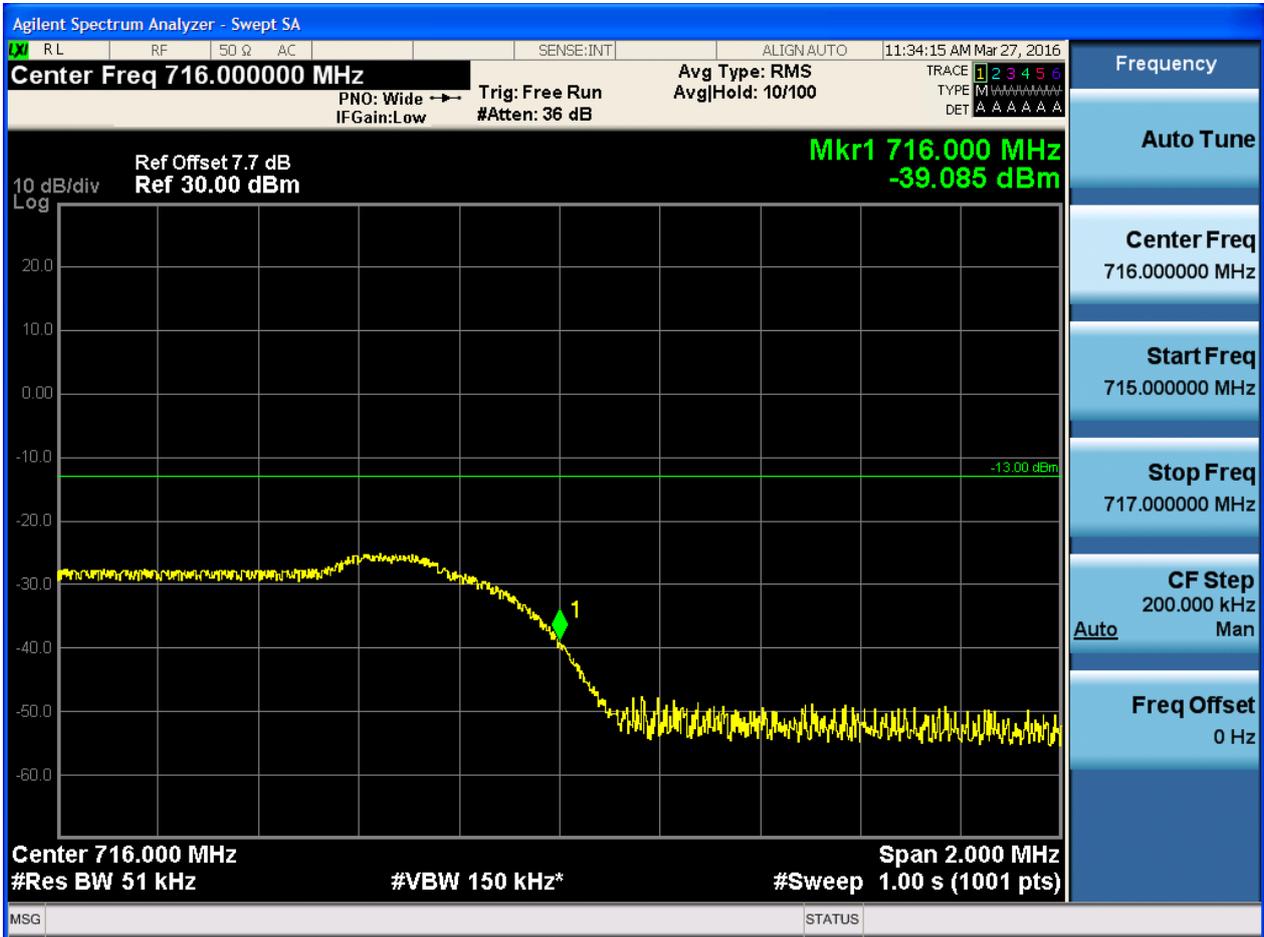


5.1.1.2.3.1.4 Test RB = RB25#0



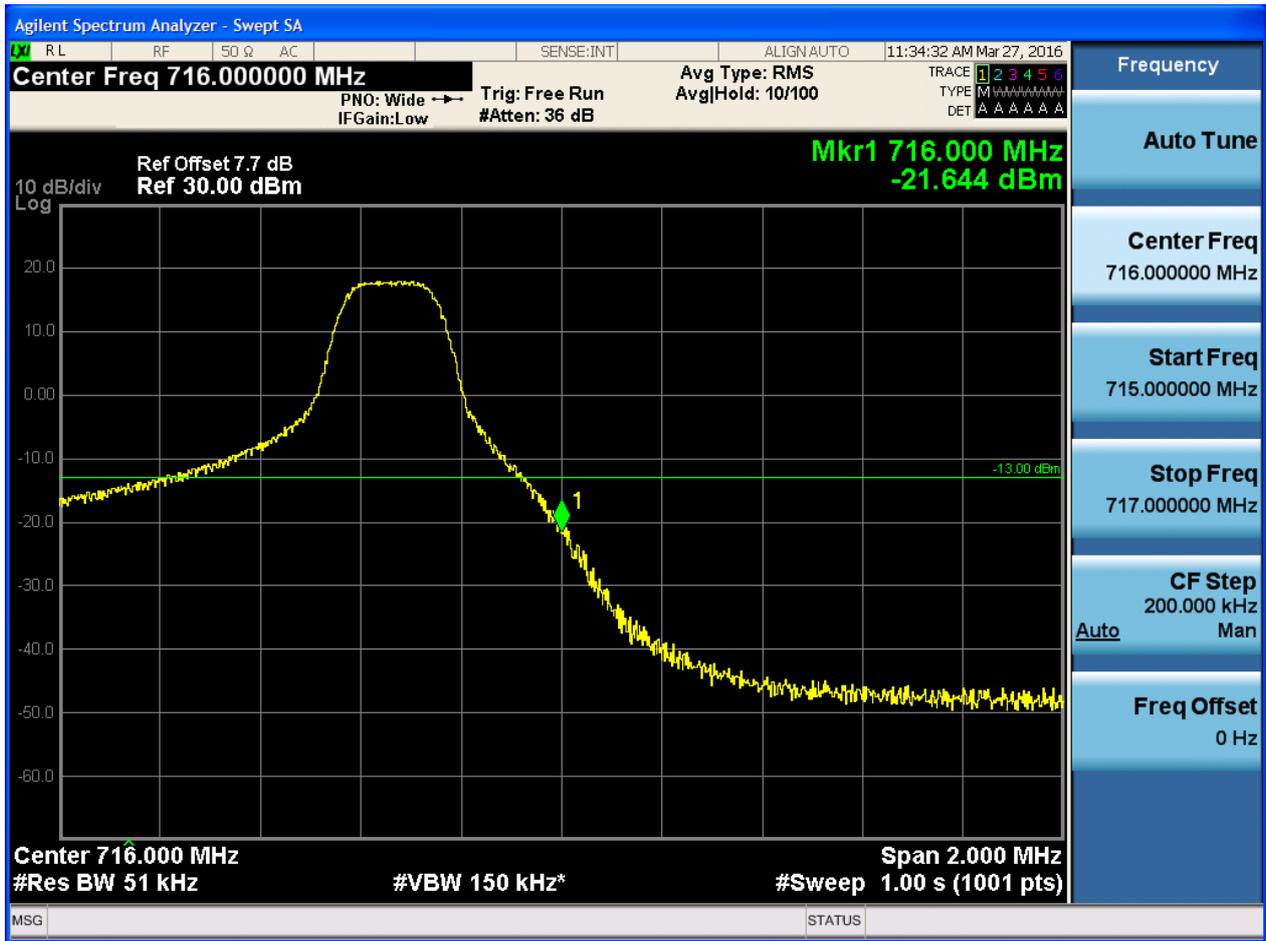
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



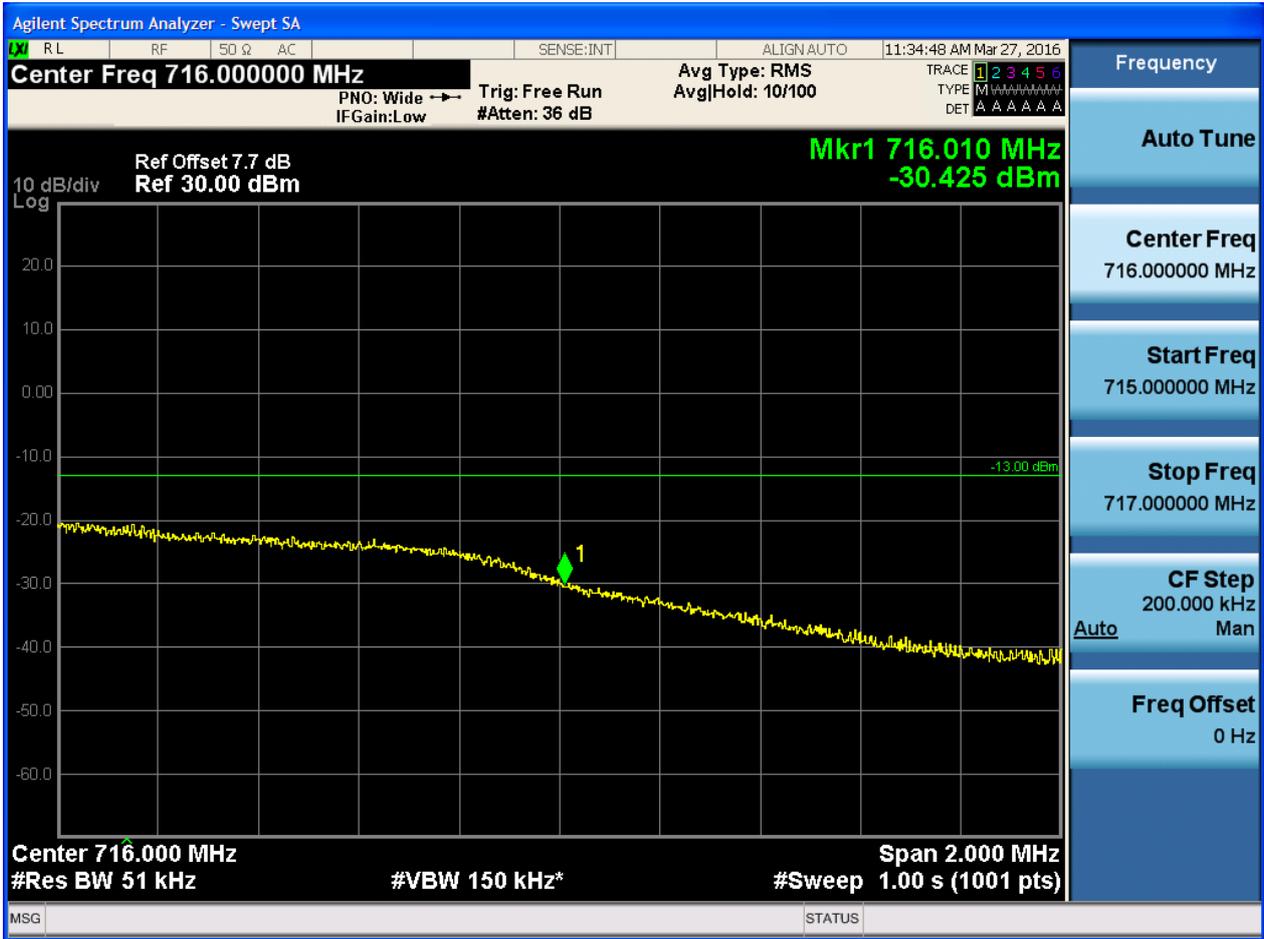


5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0

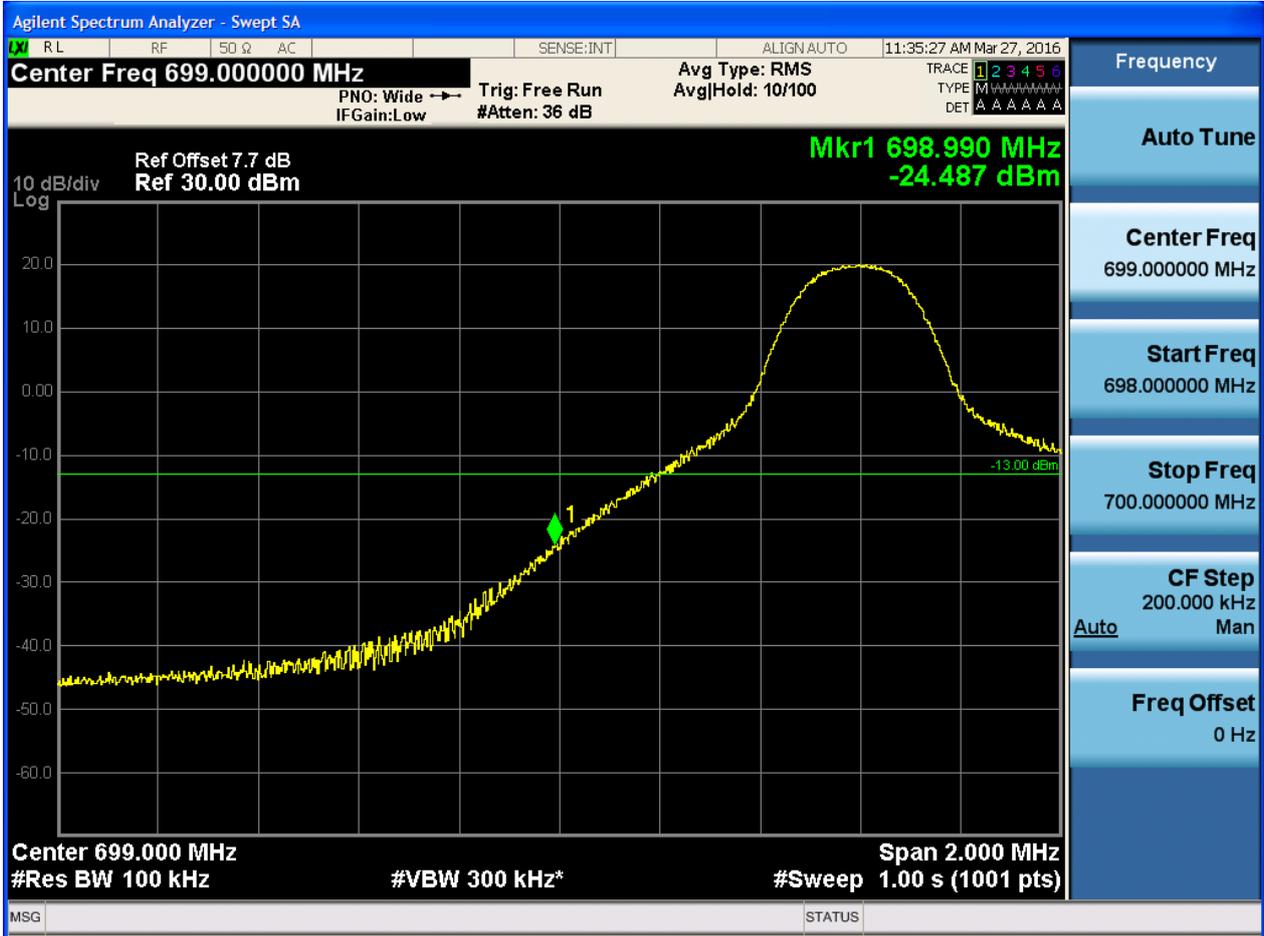




5.1.1.2.4 Test Bandwidth = 10

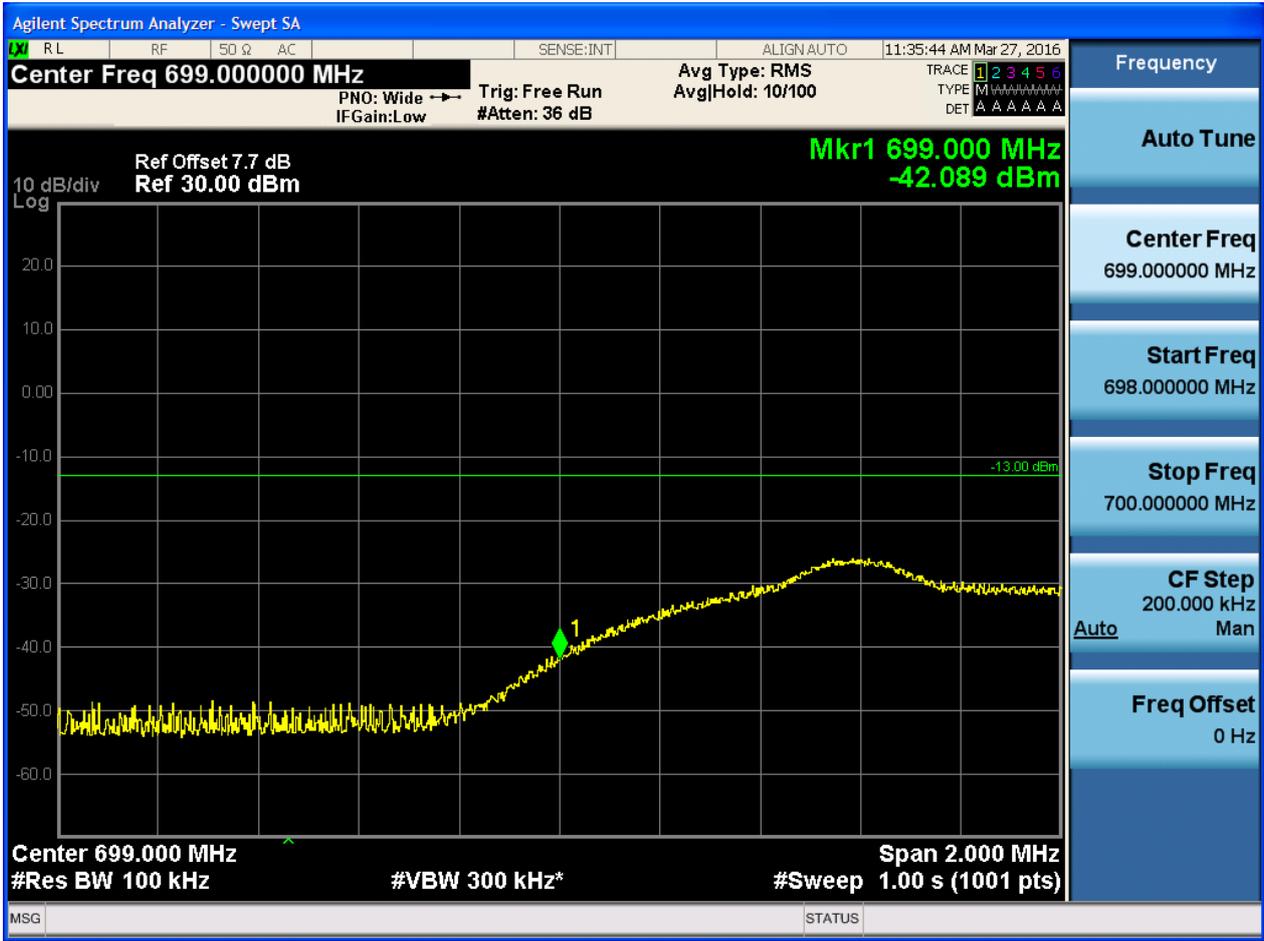
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



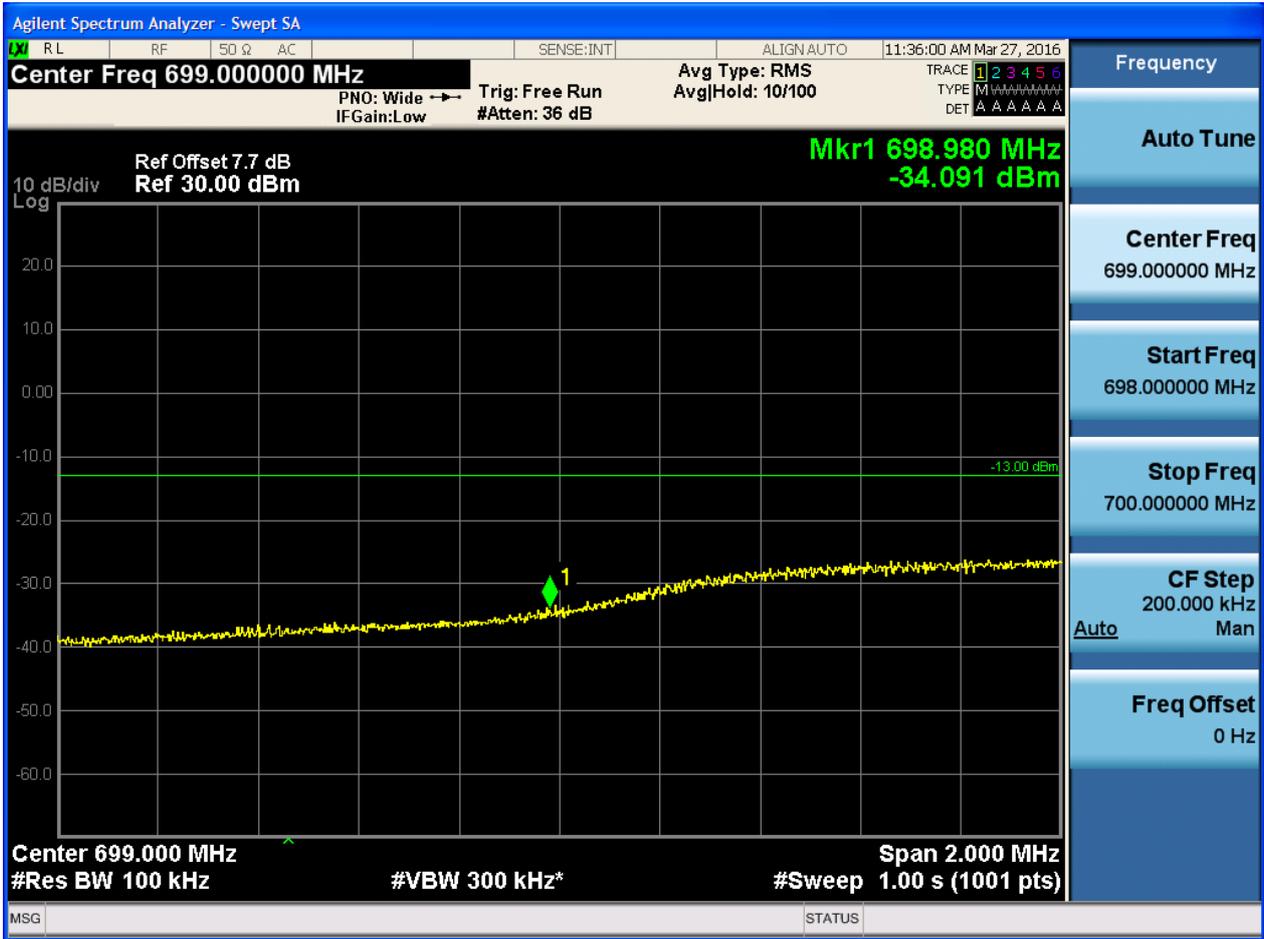


5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





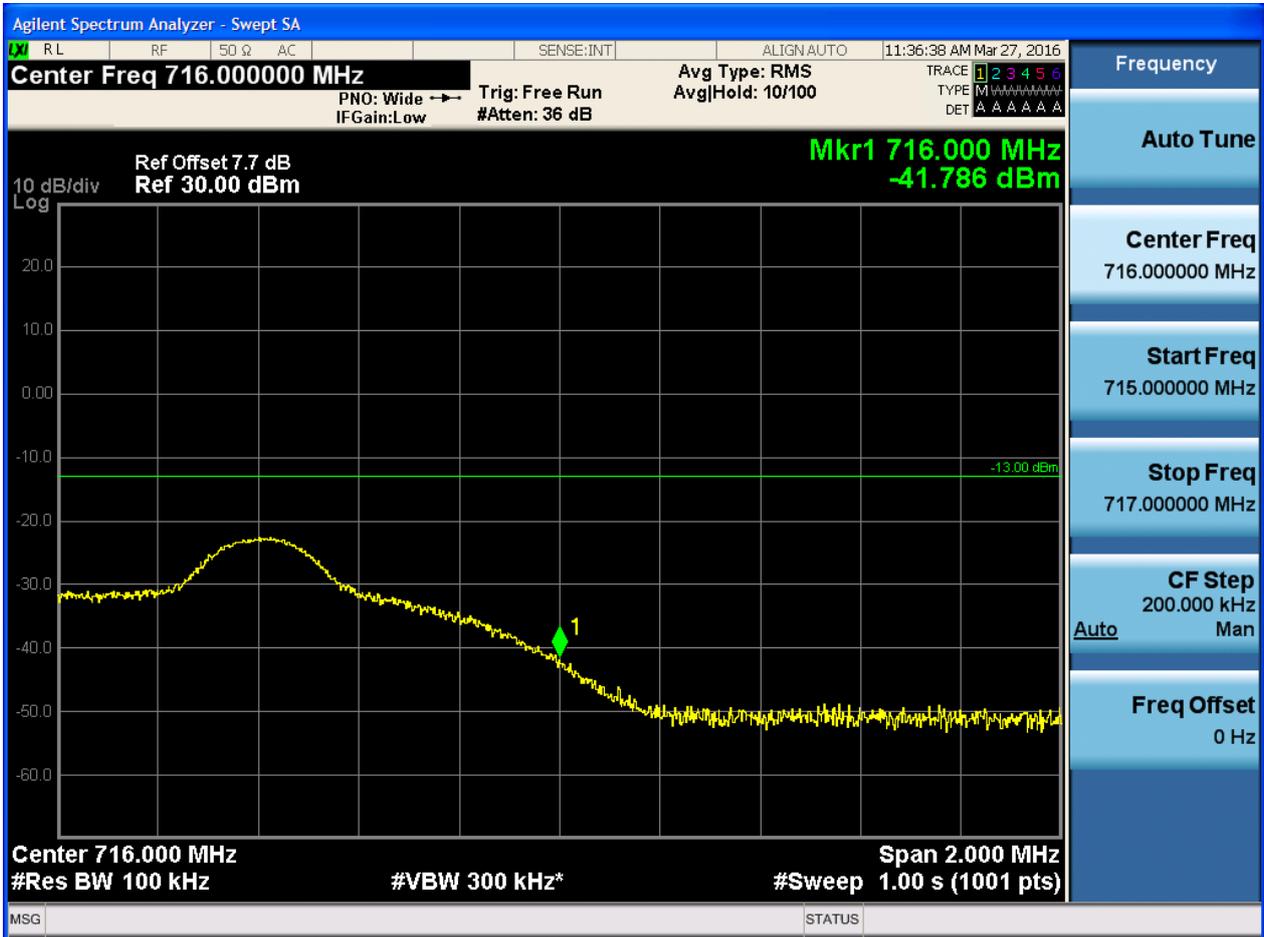
5.1.1.2.4.1.4 Test RB = RB50#0





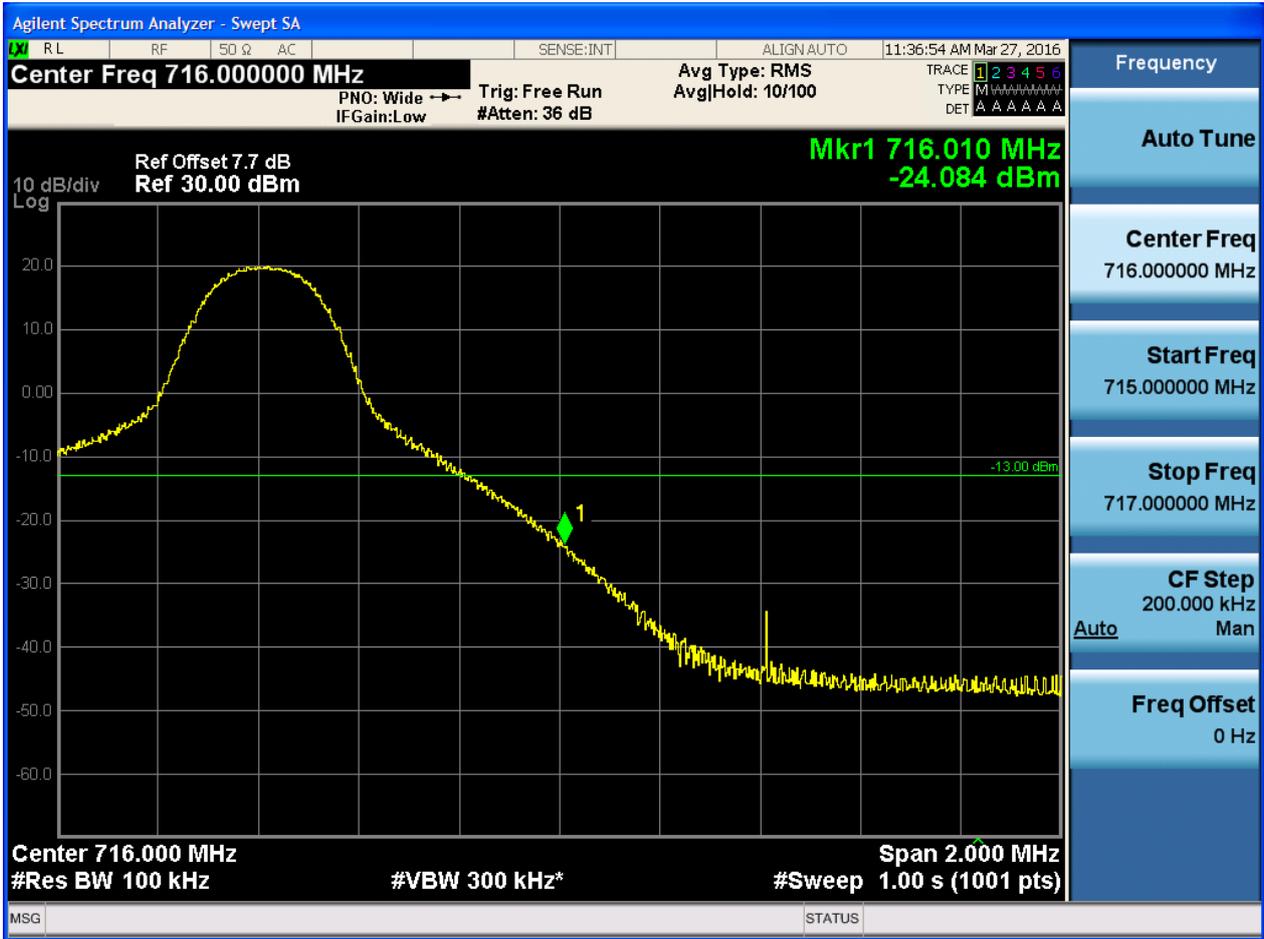
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



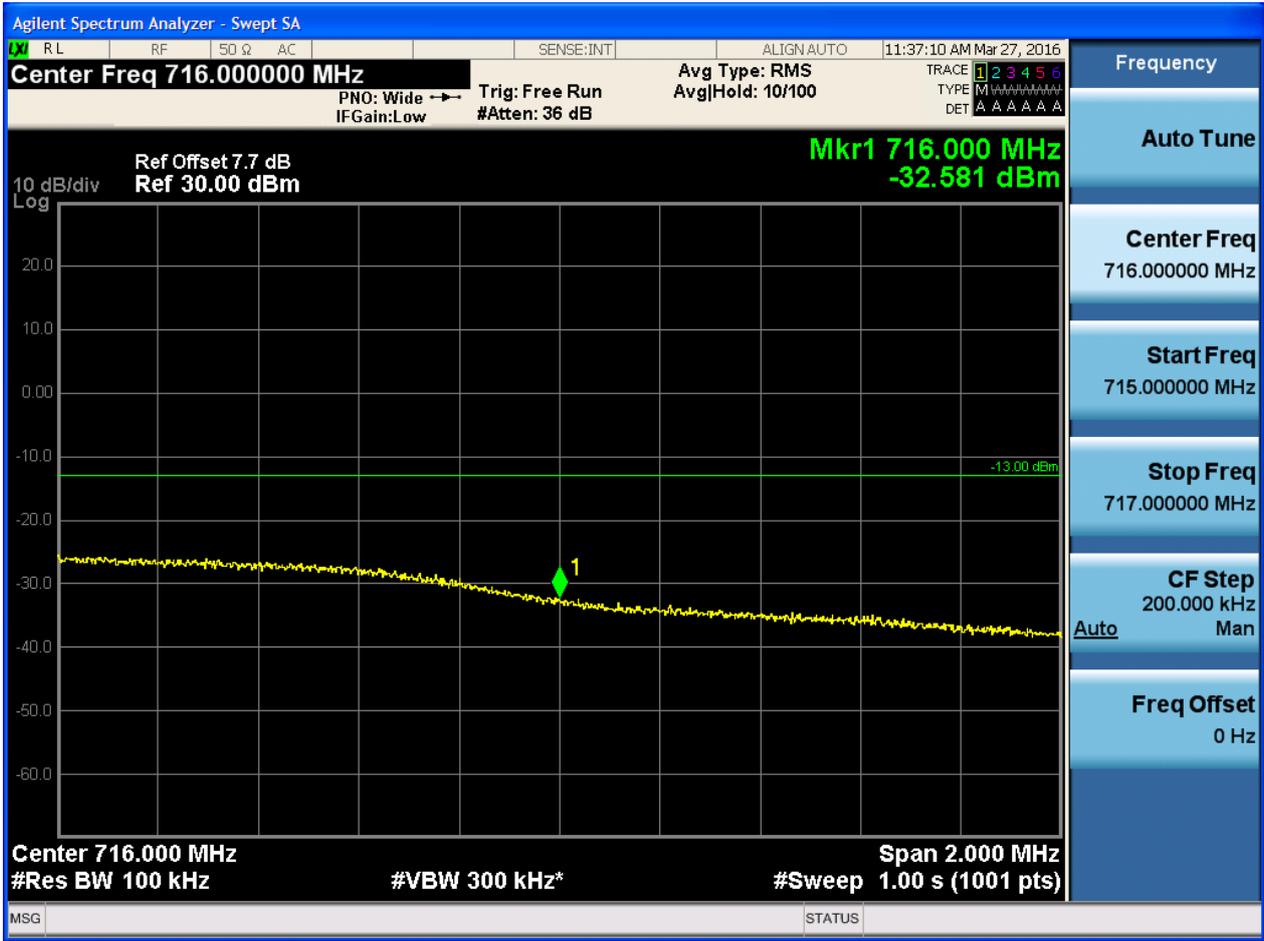


5.1.1.2.4.2.2 Test RB = RB1#49





5.1.1.2.4.2.3 Test RB = RB25#13





5.1.1.2.4.2.4 Test RB = RB50#0





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

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

### Part I - Test Plots

#### 6.1 For LTE

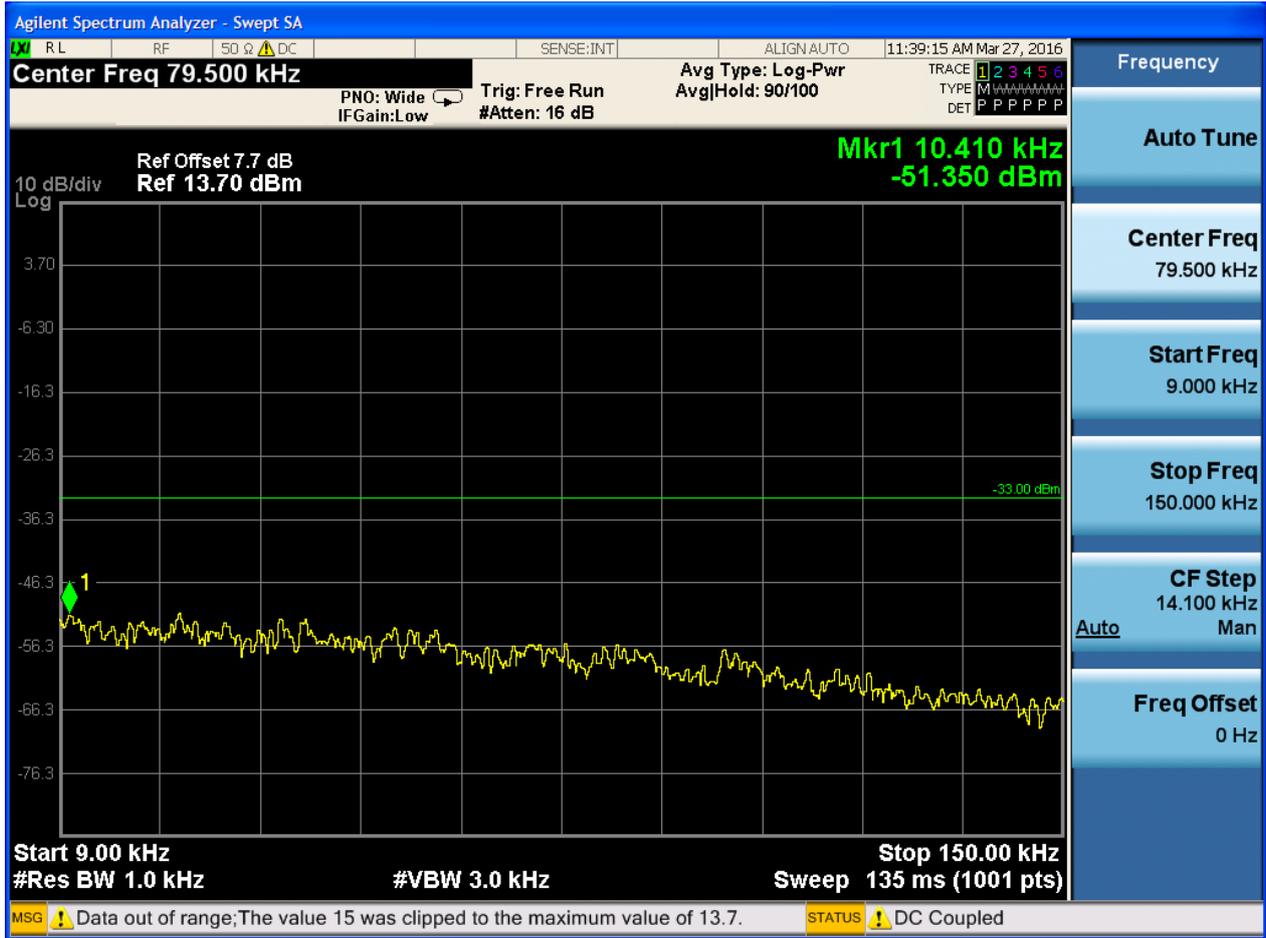
##### 6.1.1 Test Band = BAND12

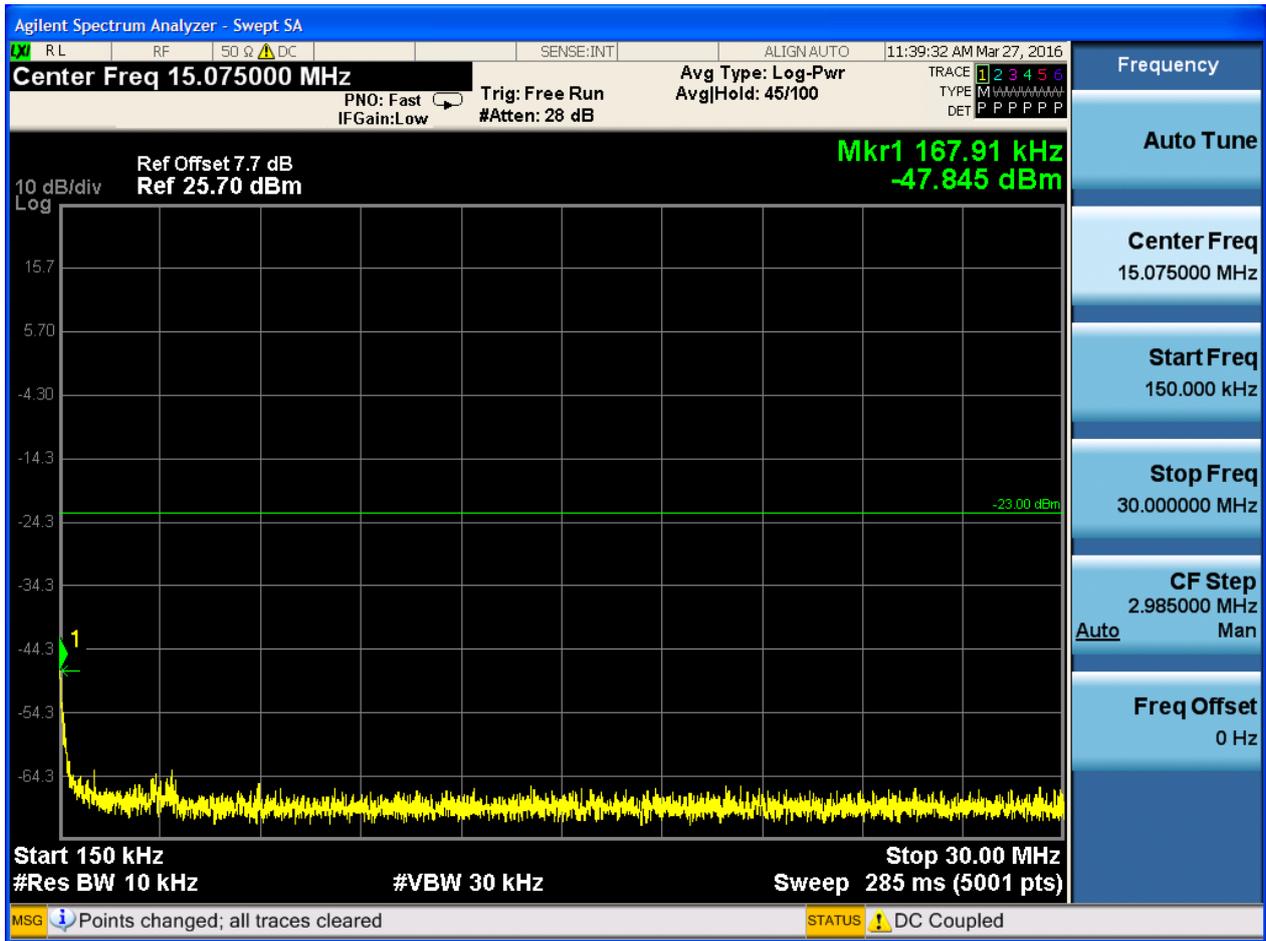
##### 6.1.1.1 Test Mode = LTE/TM1

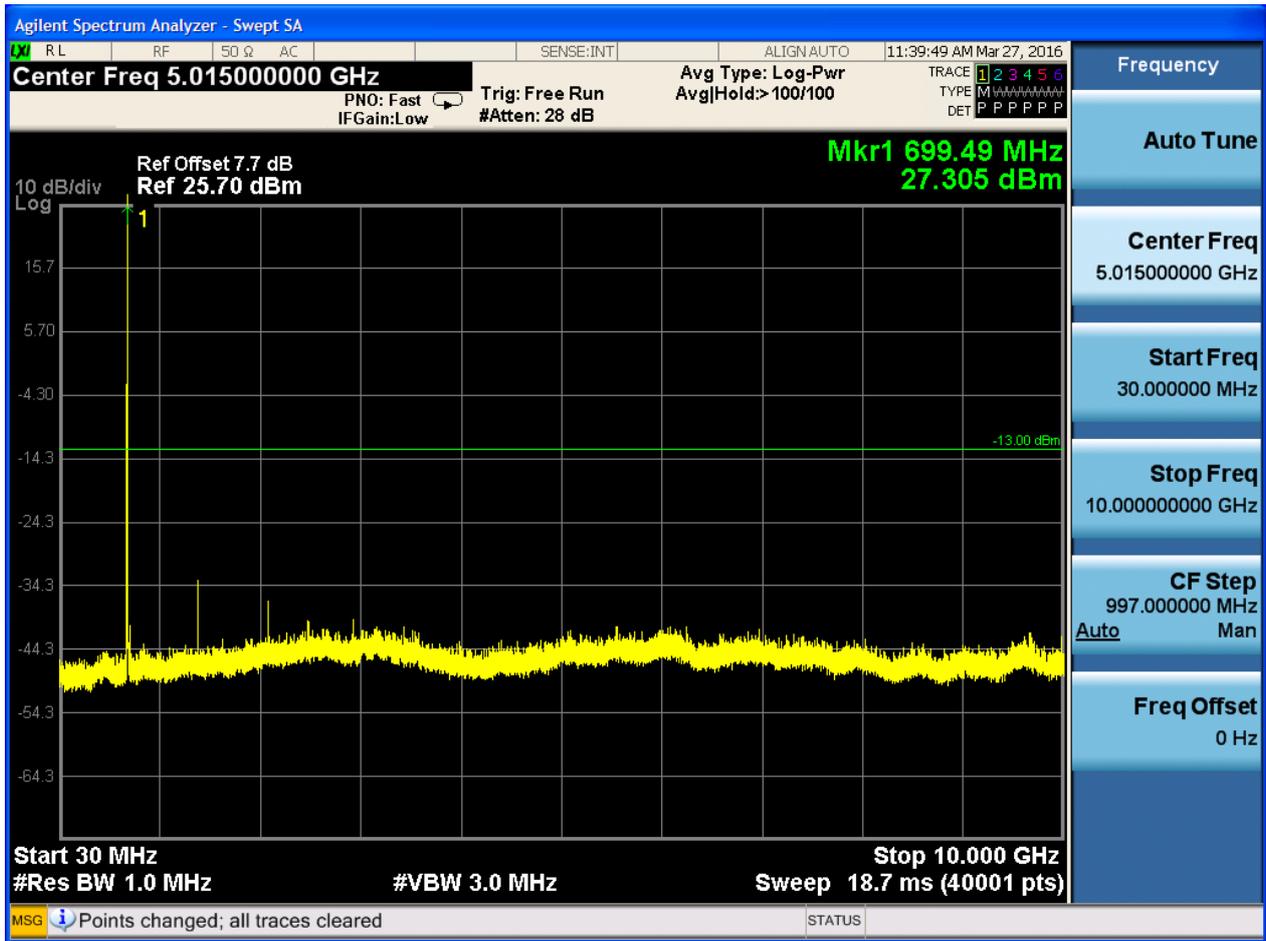
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 6.1.1.1.1.1 Test Channel = LCH

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





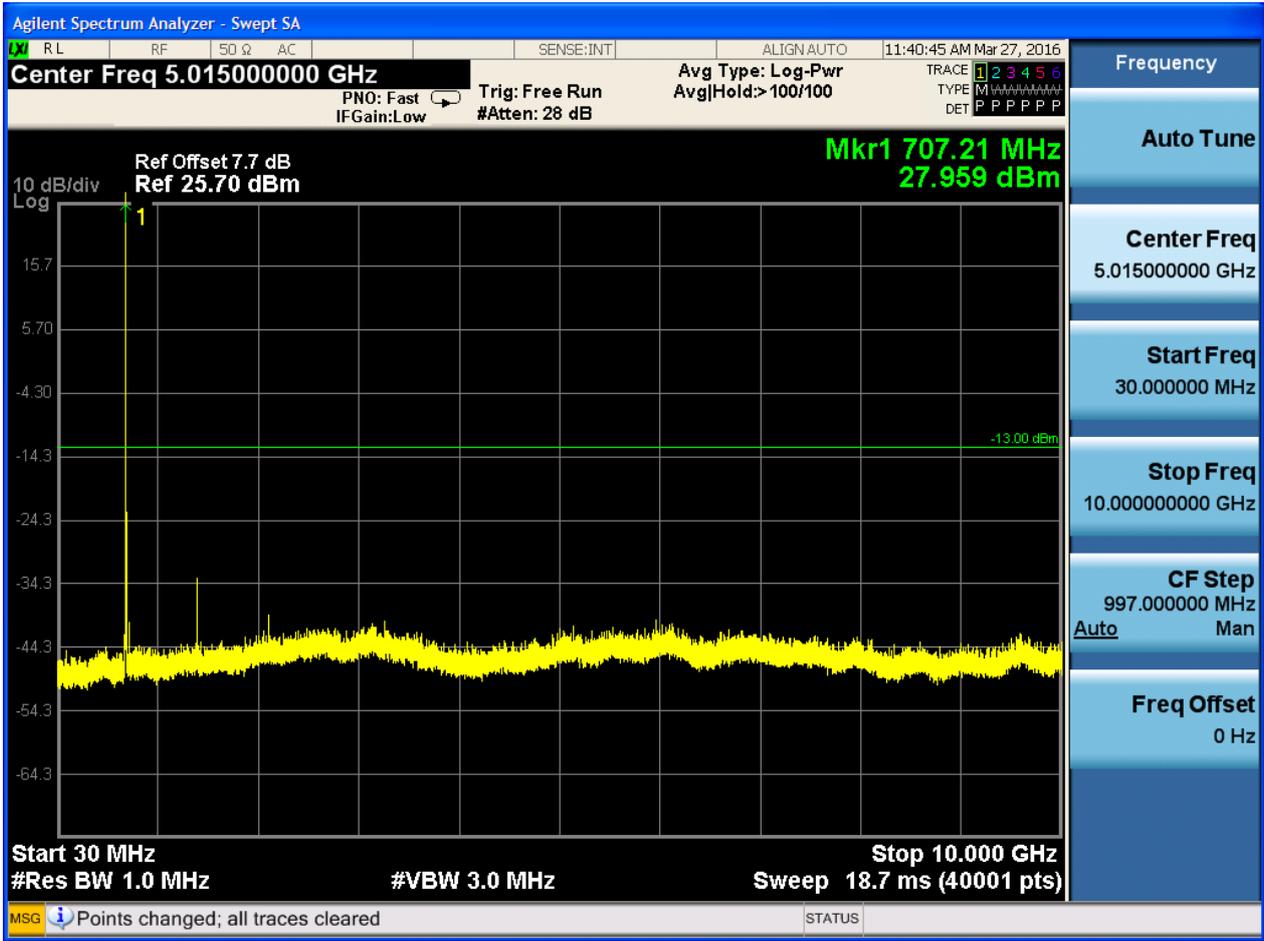


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0







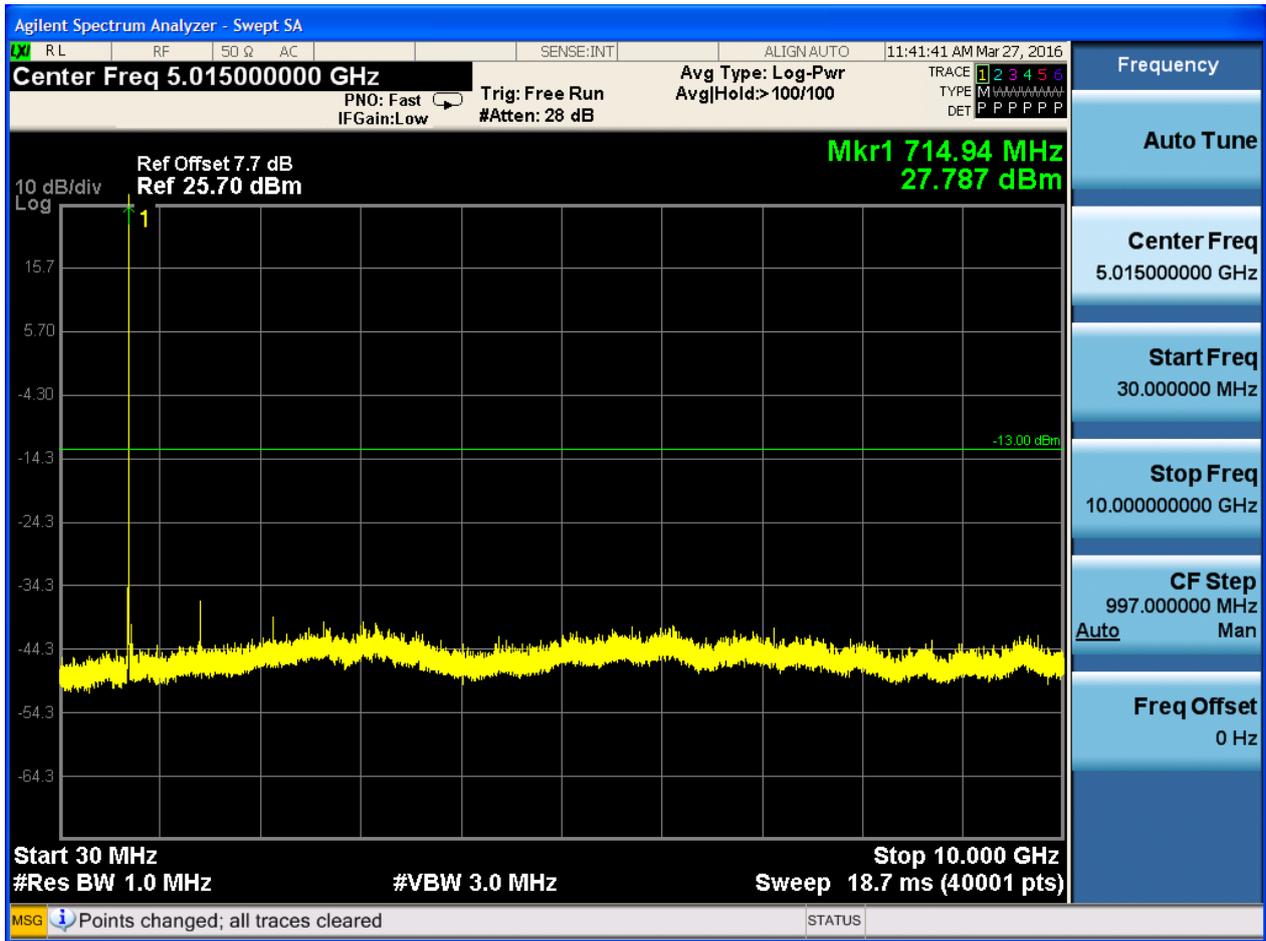


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0







6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



