



# 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
BAND17	LTE/TM1	5	LCH	RB1#0	22.33	15.48	34.7	PASS
				RB1#13	23.05	16.2	34.7	PASS
				RB1#24	22.93	16.08	34.7	PASS
				RB12#0	21.57	14.72	34.7	PASS
				RB12#6	21.91	15.06	34.7	PASS
				RB12#13	21.95	15.1	34.7	PASS
			MCH	RB25#0	21.82	14.97	34.7	PASS
				RB1#0	23.06	16.21	34.7	PASS
				RB1#13	22.98	16.13	34.7	PASS
				RB1#24	22.67	15.82	34.7	PASS
				RB12#0	22	15.15	34.7	PASS
				RB12#6	22.03	15.18	34.7	PASS
			RB12#13	21.82	14.97	34.7	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.9	15.05	34.7	PASS
			HCH	RB1#0	22.82	15.97	34.7	PASS
				RB1#13	22.88	16.03	34.7	PASS
				RB1#24	22.67	15.82	34.7	PASS
				RB12#0	21.86	15.01	34.7	PASS
				RB12#6	21.99	15.14	34.7	PASS
				RB12#13	21.84	14.99	34.7	PASS
				RB25#0	21.87	15.02	34.7	PASS
		10		LCH	RB1#0	22.29	15.44	34.7
			RB1#25		23.24	16.39	34.7	PASS
			RB1#49		22.62	15.77	34.7	PASS
			RB25#0		21.76	14.91	34.7	PASS
			RB25#13		22.04	15.19	34.7	PASS
			RB25#25		21.73	14.88	34.7	PASS
			RB50#0		21.77	14.92	34.7	PASS
			MCH	RB1#0	22.56	15.71	34.7	PASS
				RB1#25	23.05	16.2	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.78	15.93	34.7	PASS
				RB25#0	21.85	15	34.7	PASS
				RB25#13	22.01	15.16	34.7	PASS
				RB25#25	21.74	14.89	34.7	PASS
				RB50#0	21.8	14.95	34.7	PASS
			HCH	RB1#0	22.82	15.97	34.7	PASS
				RB1#25	23.12	16.27	34.7	PASS
				RB1#49	22.7	15.85	34.7	PASS
				RB25#0	21.89	15.04	34.7	PASS
				RB25#13	21.99	15.14	34.7	PASS
				RB25#25	21.68	14.83	34.7	PASS
				RB50#0	21.81	14.96	34.7	PASS
			LCH	RB1#0	21.53	14.68	34.7	PASS
				RB1#13	22.22	15.37	34.7	PASS
				RB1#24	22.07	15.22	34.7	PASS
RB12#0	20.63	13.78		34.7	PASS			
RB12#6	20.99	14.14		34.7	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict			
				RB12#13	20.98	14.13	34.7	PASS			
				RB25#0	20.84	13.99	34.7	PASS			
			MCH	RB1#0	22.26	15.41	34.7	PASS			
				RB1#13	22.18	15.33	34.7	PASS			
				RB1#24	21.91	15.06	34.7	PASS			
				RB12#0	21.09	14.24	34.7	PASS			
				RB12#6	21.12	14.27	34.7	PASS			
				RB12#13	20.92	14.07	34.7	PASS			
				RB25#0	20.99	14.14	34.7	PASS			
			HCH	RB1#0	21.94	15.09	34.7	PASS			
				RB1#13	22.06	15.21	34.7	PASS			
				RB1#24	21.71	14.86	34.7	PASS			
				RB12#0	20.89	14.04	34.7	PASS			
				RB12#6	21.02	14.17	34.7	PASS			
				RB12#13	20.87	14.02	34.7	PASS			
					10	LCH	RB1#0	21.48	14.63	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.39	15.54	34.7	PASS
				RB1#49	21.62	14.77	34.7	PASS
				RB25#0	20.82	13.97	34.7	PASS
				RB25#13	21.1	14.25	34.7	PASS
				RB25#25	20.8	13.95	34.7	PASS
				RB50#0	20.84	13.99	34.7	PASS
			MCH	RB1#0	21.78	14.93	34.7	PASS
			MCH	RB1#25	22.29	15.44	34.7	PASS
			MCH	RB1#49	21.88	15.03	34.7	PASS
			MCH	RB25#0	20.96	14.11	34.7	PASS
			MCH	RB25#13	21.13	14.28	34.7	PASS
			MCH	RB25#25	20.85	14	34.7	PASS
			MCH	RB50#0	20.85	14	34.7	PASS
			HCH	RB1#0	21.98	15.13	34.7	PASS
			HCH	RB1#25	22.3	15.45	34.7	PASS
			HCH	RB1#49	21.67	14.82	34.7	PASS
			HCH	RB25#0	20.96	14.11	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.1	14.25	34.7	PASS
				RB25#25	20.77	13.92	34.7	PASS
				RB50#0	20.86	14.01	34.7	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2:

SET Span=1.5\*OBW

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

SET VBW>= 3\*RBW

SET Sweep time=auto-couple.

Detector:RMS



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

### Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND17	LTE/TM1	5	LCH	RB1#0	4.71	13	PASS
				RB1#13	4.36	13	PASS
				RB1#24	4.2	13	PASS
				RB12#0	5.88	13	PASS
				RB12#6	5.72	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	5.8	13	PASS
			MCH	RB1#0	4.27	13	PASS
				RB1#13	4.02	13	PASS
				RB1#24	4.18	13	PASS
				RB12#0	5.53	13	PASS
				RB12#6	5.43	13	PASS
				RB12#13	5.51	13	PASS
				RB25#0	5.66	13	PASS
		HCH	RB1#0	4.27	13	PASS	
			RB1#13	4.29	13	PASS	
			RB1#24	3.89	13	PASS	
			RB12#0	5.61	13	PASS	
			RB12#6	5.54	13	PASS	
			RB12#13	5.44	13	PASS	
			RB25#0	5.81	13	PASS	
		10	LCH	RB1#0	4.47	13	PASS
				RB1#25	3.98	13	PASS
				RB1#49	4.23	13	PASS
				RB25#0	5.77	13	PASS
				RB25#13	5.46	13	PASS
				RB25#25	5.65	13	PASS
				RB50#0	5.89	13	PASS
MCH	RB1#0		4.42	13	PASS		
	RB1#25		4.02	13	PASS		
	RB1#49		4.16	13	PASS		
	RB25#0		5.67	13	PASS		





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.47	13	PASS
				RB25#25	5.58	13	PASS
				RB50#0	5.81	13	PASS
			HCH	RB1#0	4.39	13	PASS
				RB1#25	4.14	13	PASS
				RB1#49	4.06	13	PASS
				RB25#0	5.53	13	PASS
				RB25#13	5.4	13	PASS
				RB25#25	5.52	13	PASS
			LCH	RB50#0	5.88	13	PASS
				RB1#0	5.73	13	PASS
				RB1#13	5.52	13	PASS
				RB1#24	5.24	13	PASS
				RB12#0	6.47	13	PASS
				RB12#6	6.35	13	PASS
	MCH	RB12#13	6.29	13	PASS		
		RB25#0	6.73	13	PASS		
		RB1#0	5.21	13	PASS		
		RB1#13	5.01	13	PASS		
		RB1#24	5.13	13	PASS		
		RB12#0	6.12	13	PASS		
		RB12#6	6.03	13	PASS		
	HCH	RB12#13	6.07	13	PASS		
		RB25#0	6.65	13	PASS		
		RB1#0	4.91	13	PASS		
		RB1#13	5.02	13	PASS		
		RB1#24	4.69	13	PASS		
		RB12#0	6.2	13	PASS		
		RB12#6	6.17	13	PASS		
	10	LCH	RB12#13	5.98	13	PASS	
RB25#0			6.46	13	PASS		
RB1#0			5.11	13	PASS		
RB1#25			5.09	13	PASS		
RB1#49			5.23	13	PASS		
RB25#0			6.57	13	PASS		
RB25#13			6.25	13	PASS		
RB25#25		6.39	13	PASS			
MCH	RB50#0	6.42	13	PASS			
				RB1#0	4.94	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.89	13	PASS
				RB1#49	5.1	13	PASS
				RB25#0	6.39	13	PASS
				RB25#13	6.24	13	PASS
				RB25#25	6.25	13	PASS
				RB50#0	6.66	13	PASS
			HCH	RB1#0	4.93	13	PASS
				RB1#25	5.04	13	PASS
				RB1#49	4.89	13	PASS
				RB25#0	6.39	13	PASS
				RB25#13	6.29	13	PASS
				RB25#25	6.21	13	PASS
				RB50#0	6.57	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

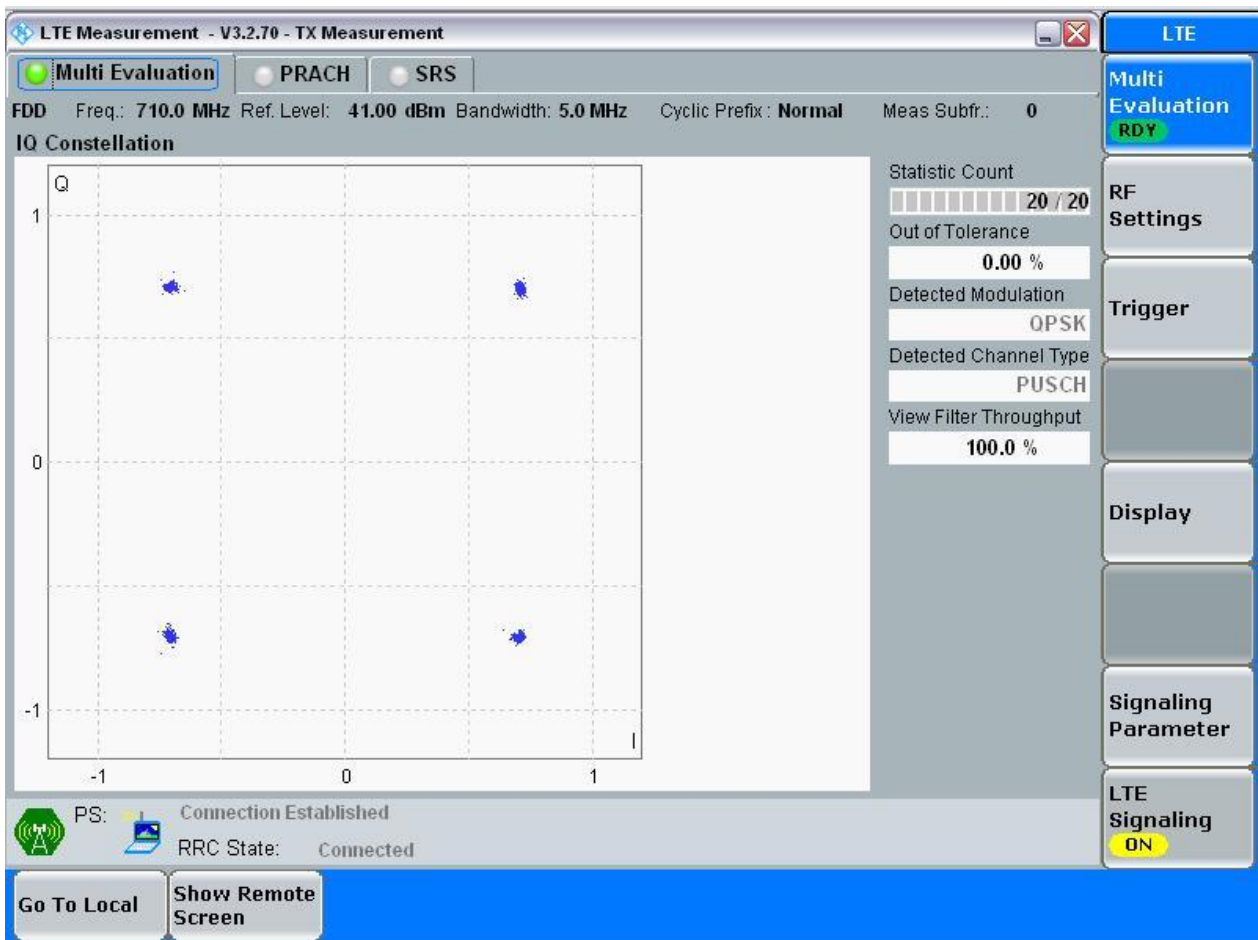
##### 3.1.1 Test Band = BAND17

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

##### 3.1.1.1.1 Test Bandwidth = 5

##### 3.1.1.1.1.1 Test Channel = MCH

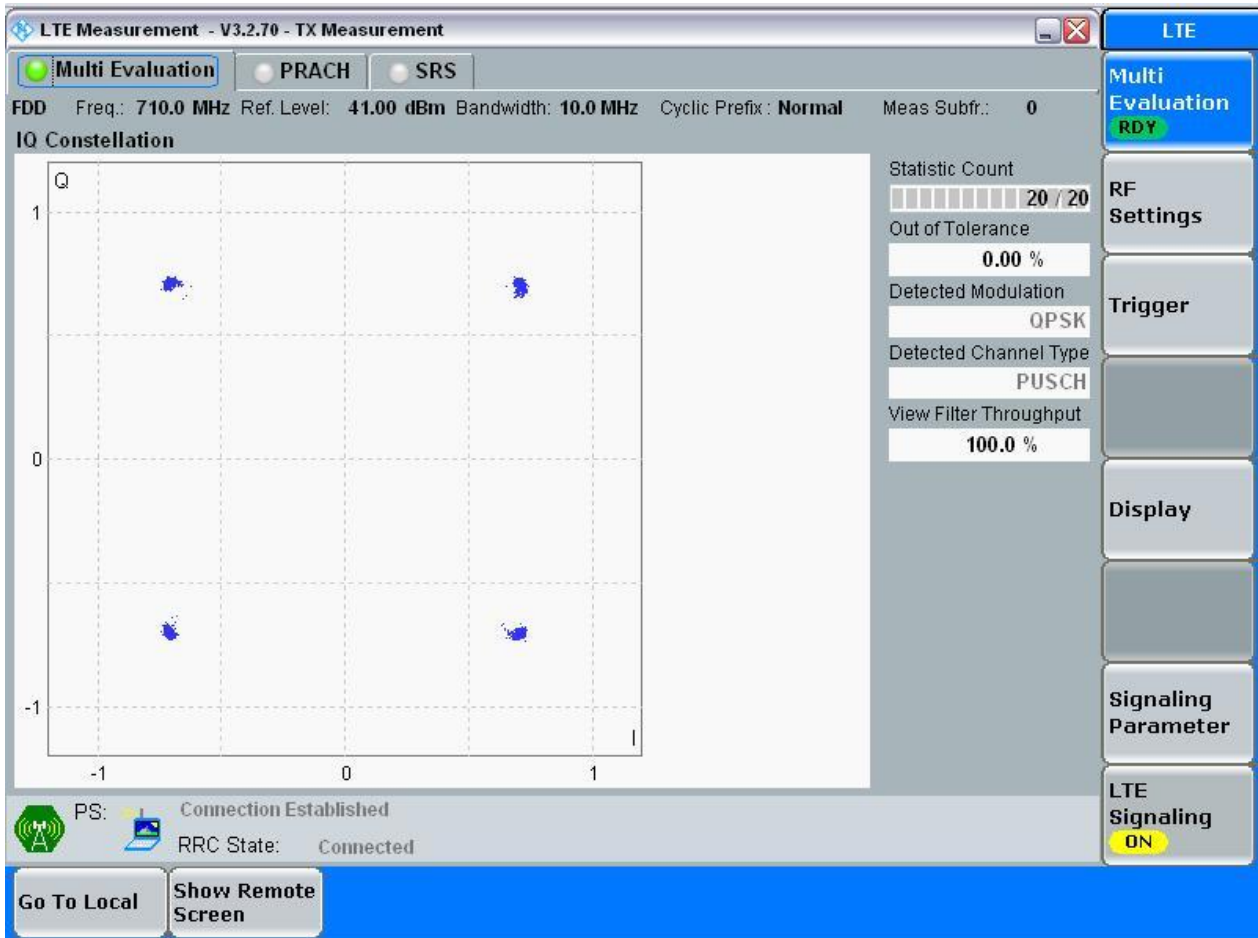
##### 3.1.1.1.1.1.1 Test RB = RB25#0



### 3.1.1.1.2 Test Bandwidth = 10

#### 3.1.1.1.2.1 Test Channel = MCH

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

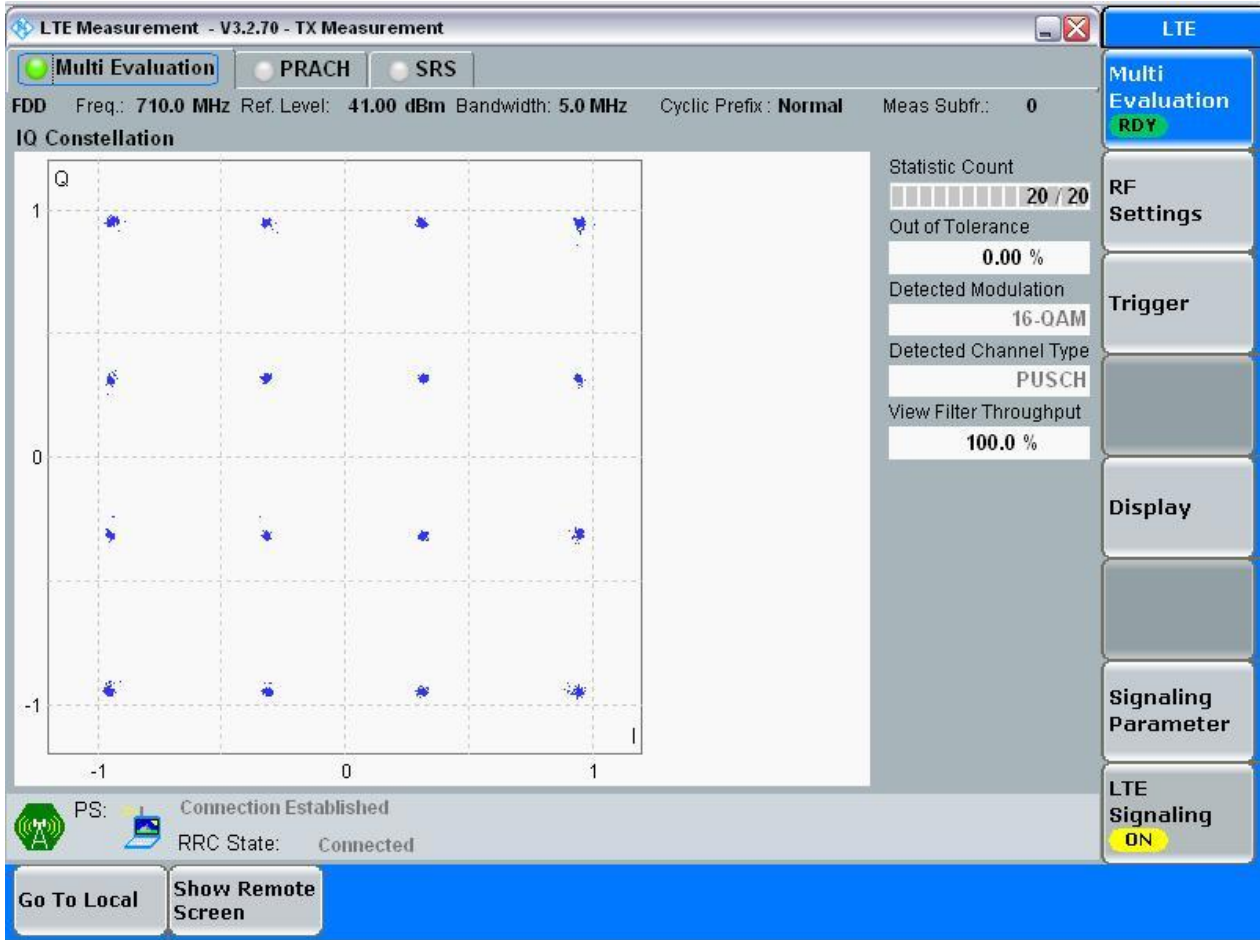


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 Test RB = RB25#0

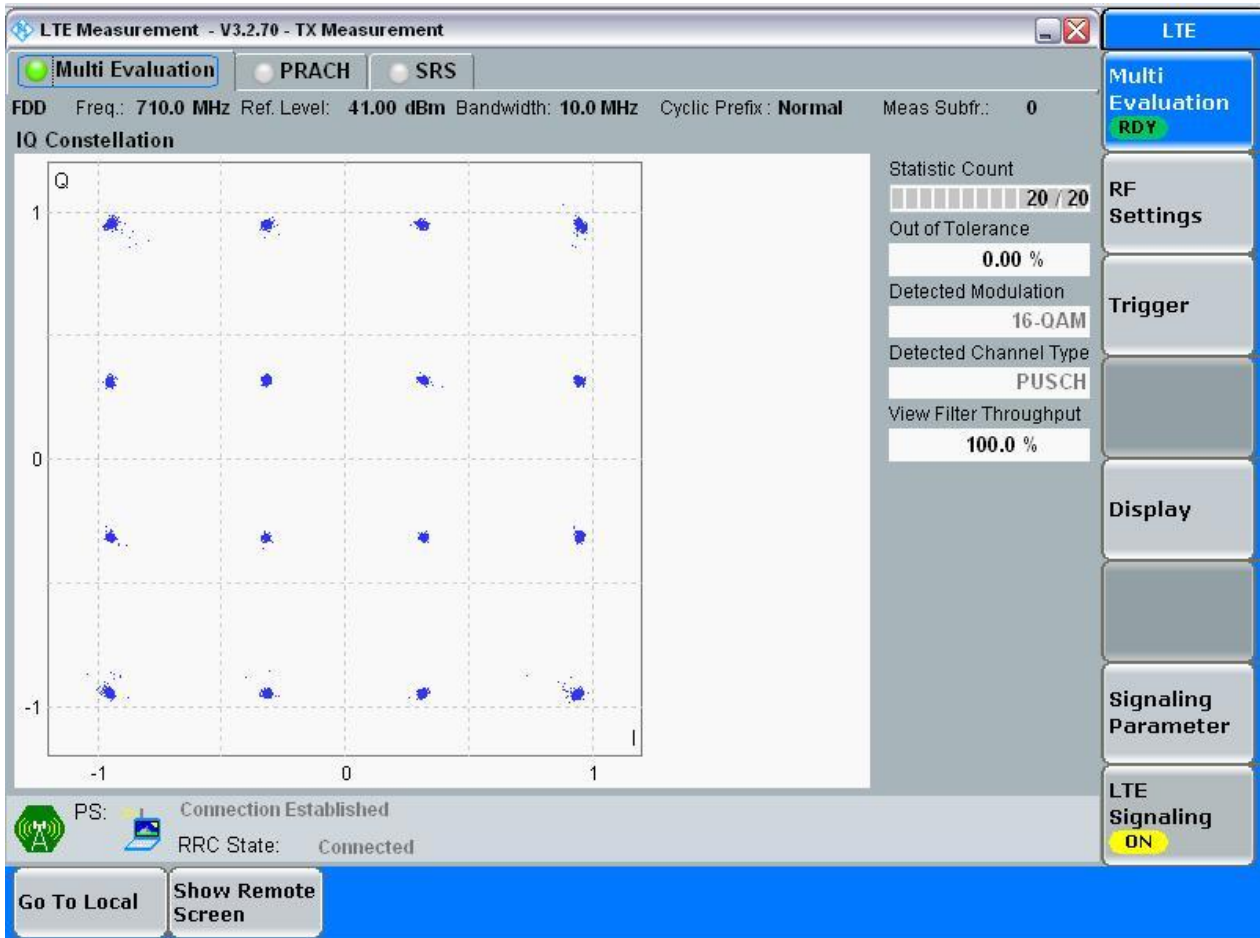




### 3.1.1.2.2 Test Bandwidth = 10

#### 3.1.1.2.2.1 Test Channel = MCH

##### 3.1.1.2.2.1.1 Test RB = RB50#0



## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND17	LTE/TM1	5	LCH	RB25#0	4.53	4.99	Pass
			MCH	RB25#0	4.53	4.97	Pass
			HCH	RB25#0	4.52	4.97	Pass
		10	LCH	RB50#0	8.99	9.95	Pass
			MCH	RB50#0	8.99	9.89	Pass
			HCH	RB50#0	9.00	9.86	Pass
	LTE/TM2	5	LCH	RB25#0	4.52	4.97	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	8.97	9.93	Pass
			MCH	RB50#0	8.98	9.88	Pass
			HCH	RB50#0	8.98	9.92	Pass



Part II - Test Plots

4.1 For LTE

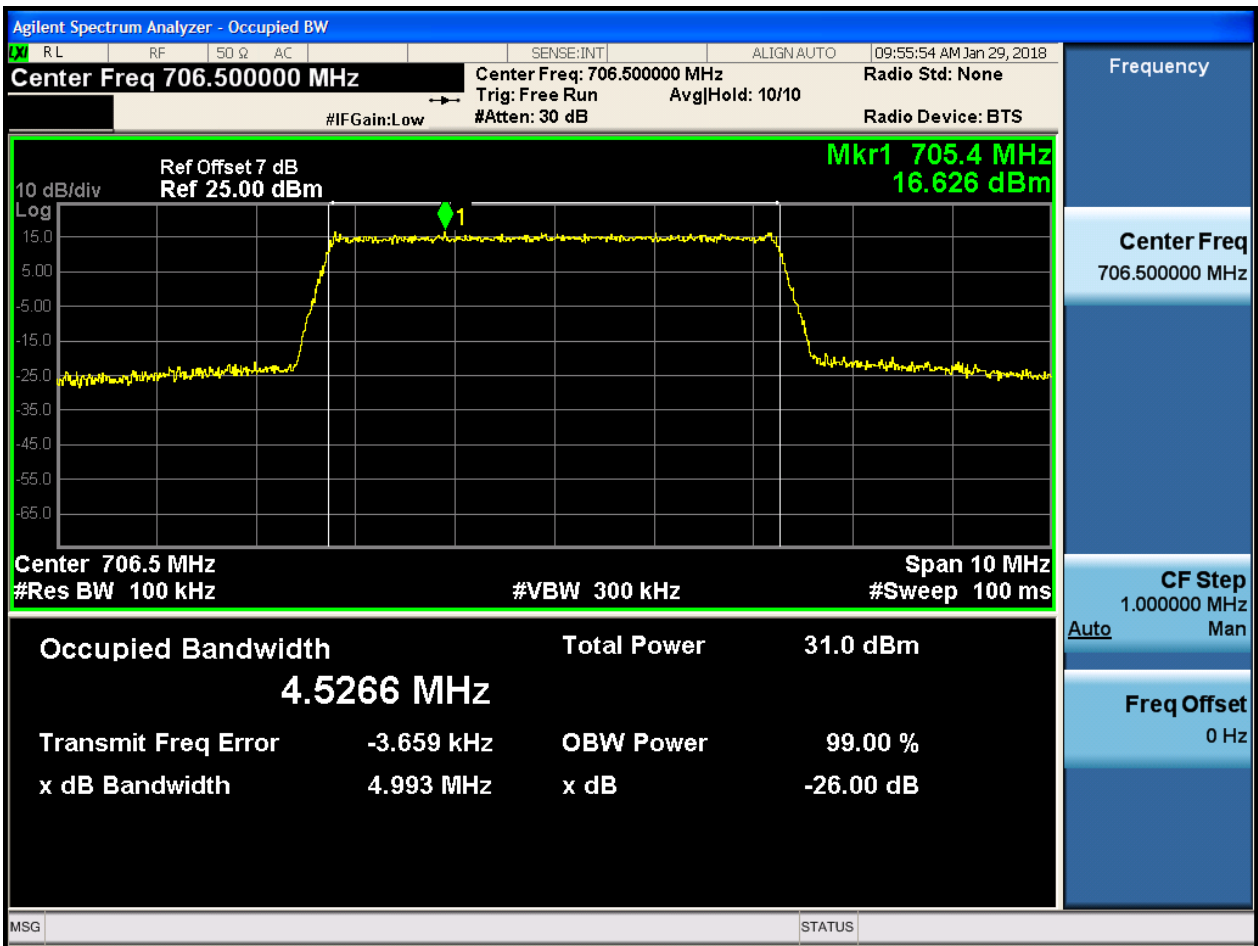
4.1.1 Test Band = BAND17

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0

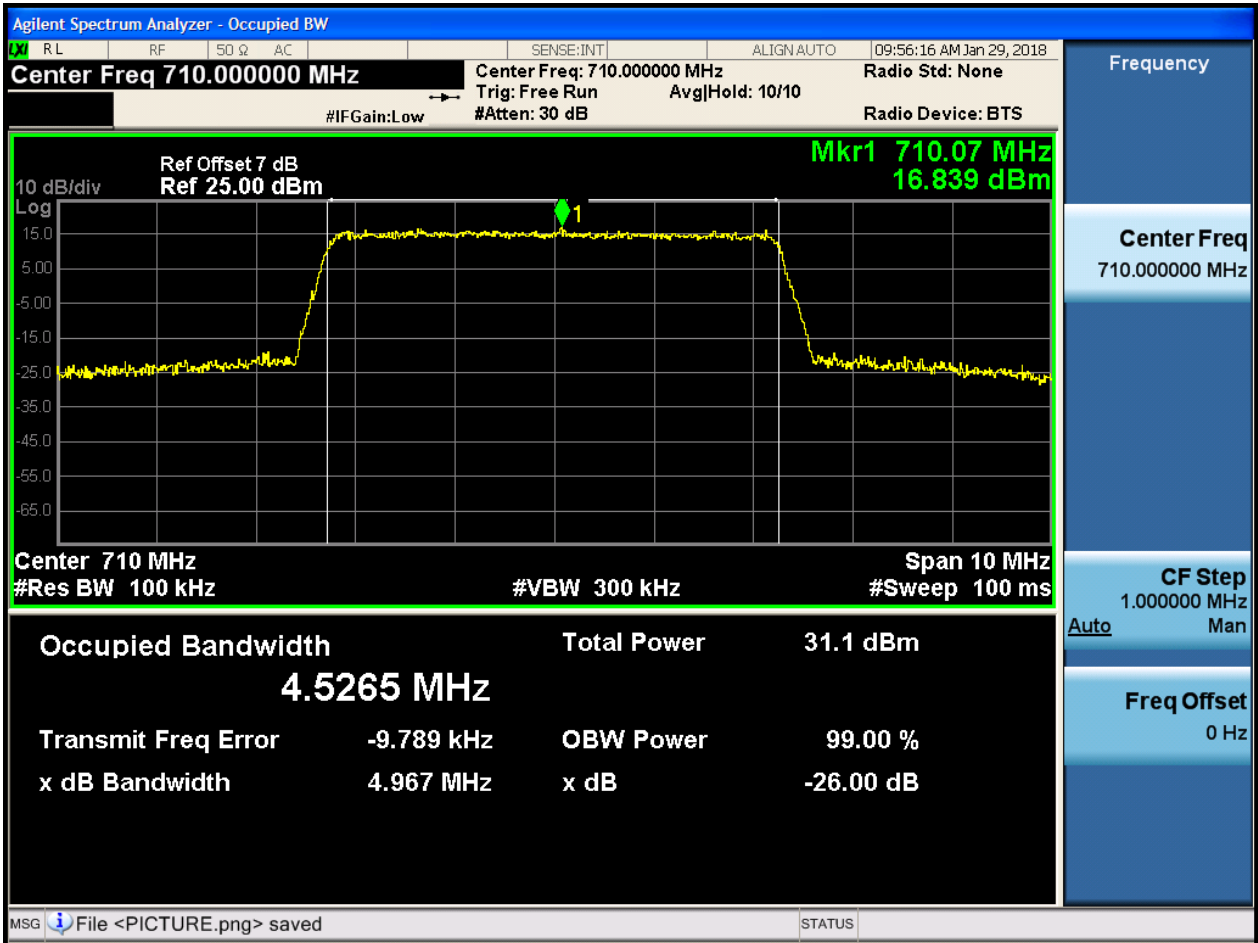






4.1.1.1.1.2 Test Channel = MCH

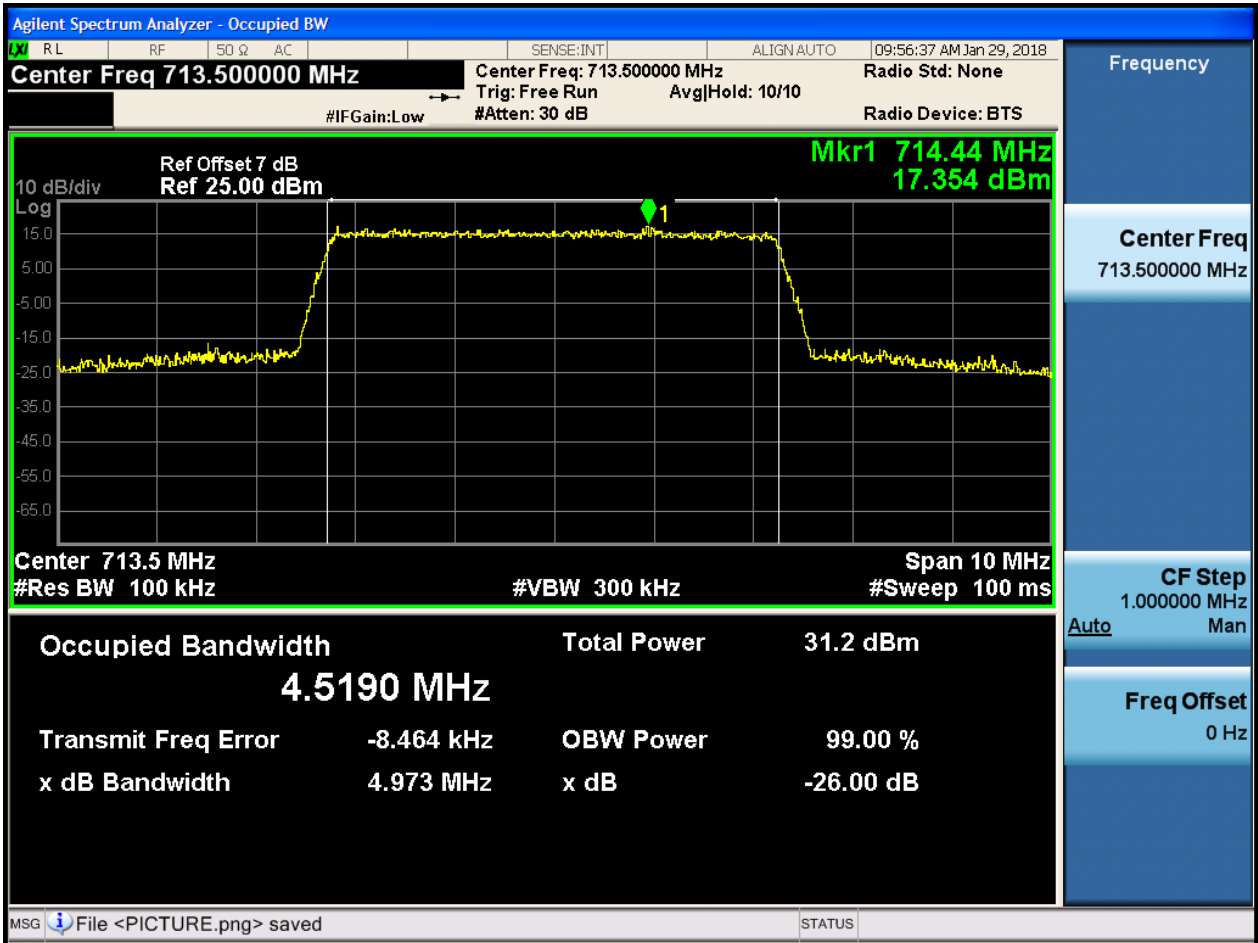
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

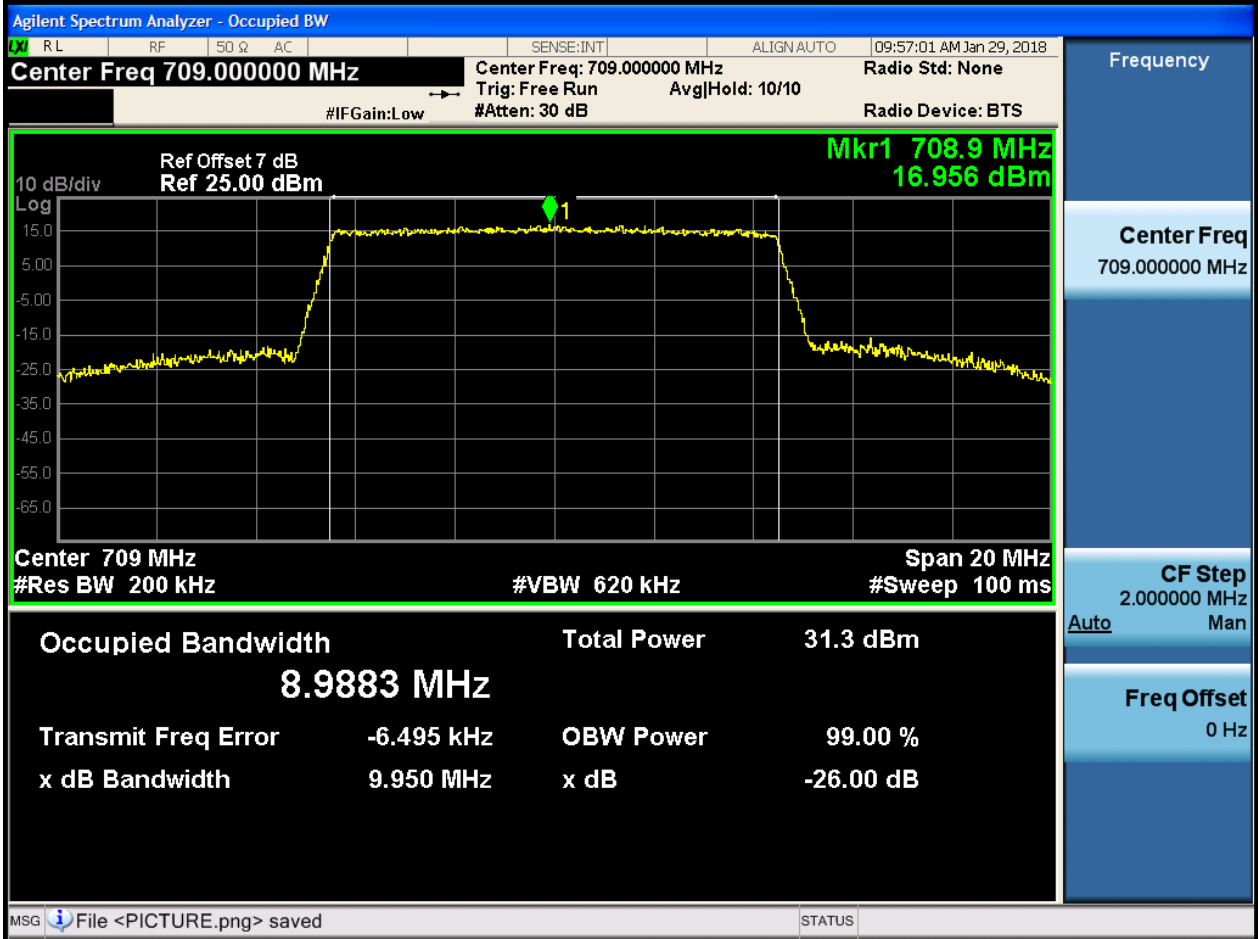




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

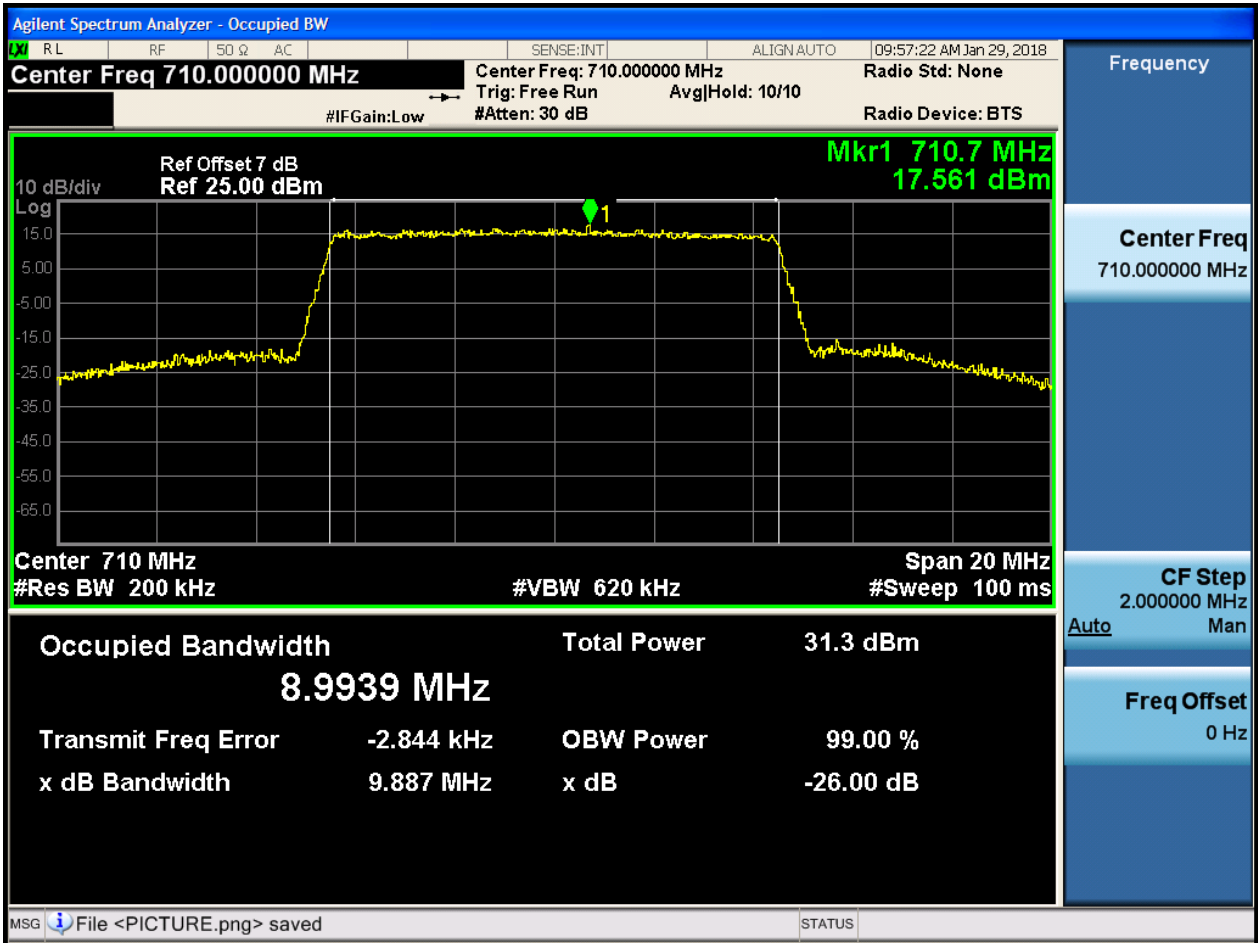
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

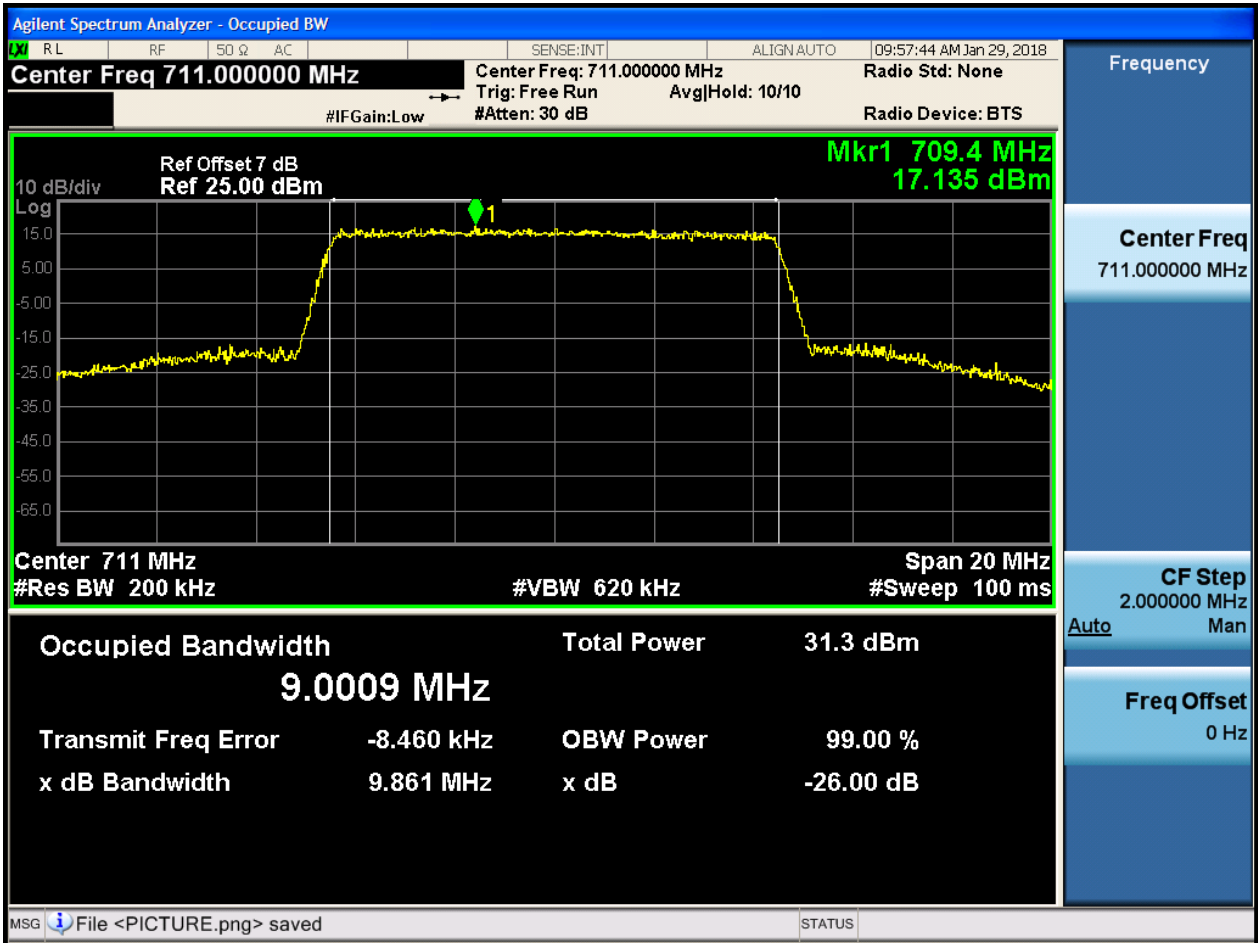
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0



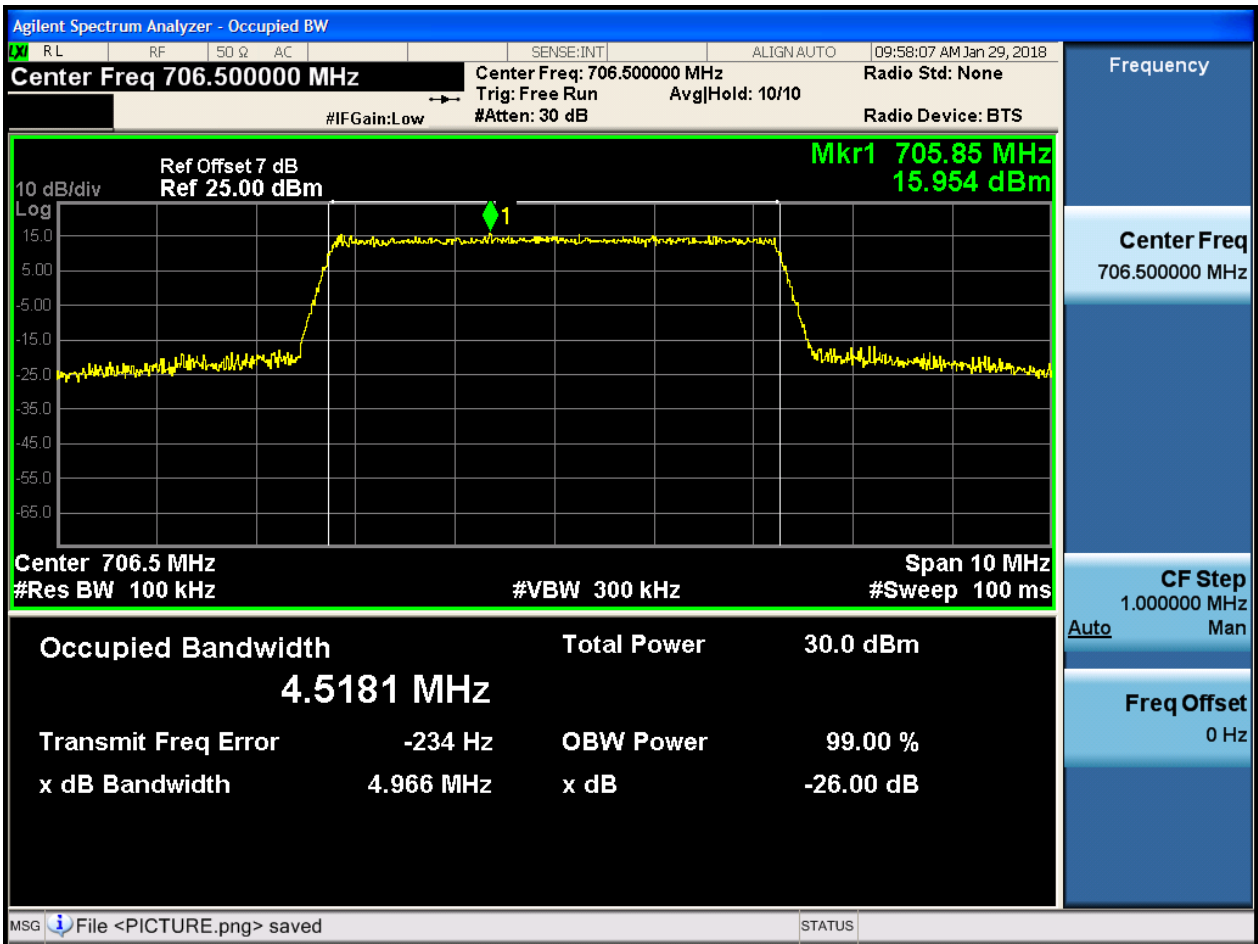


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

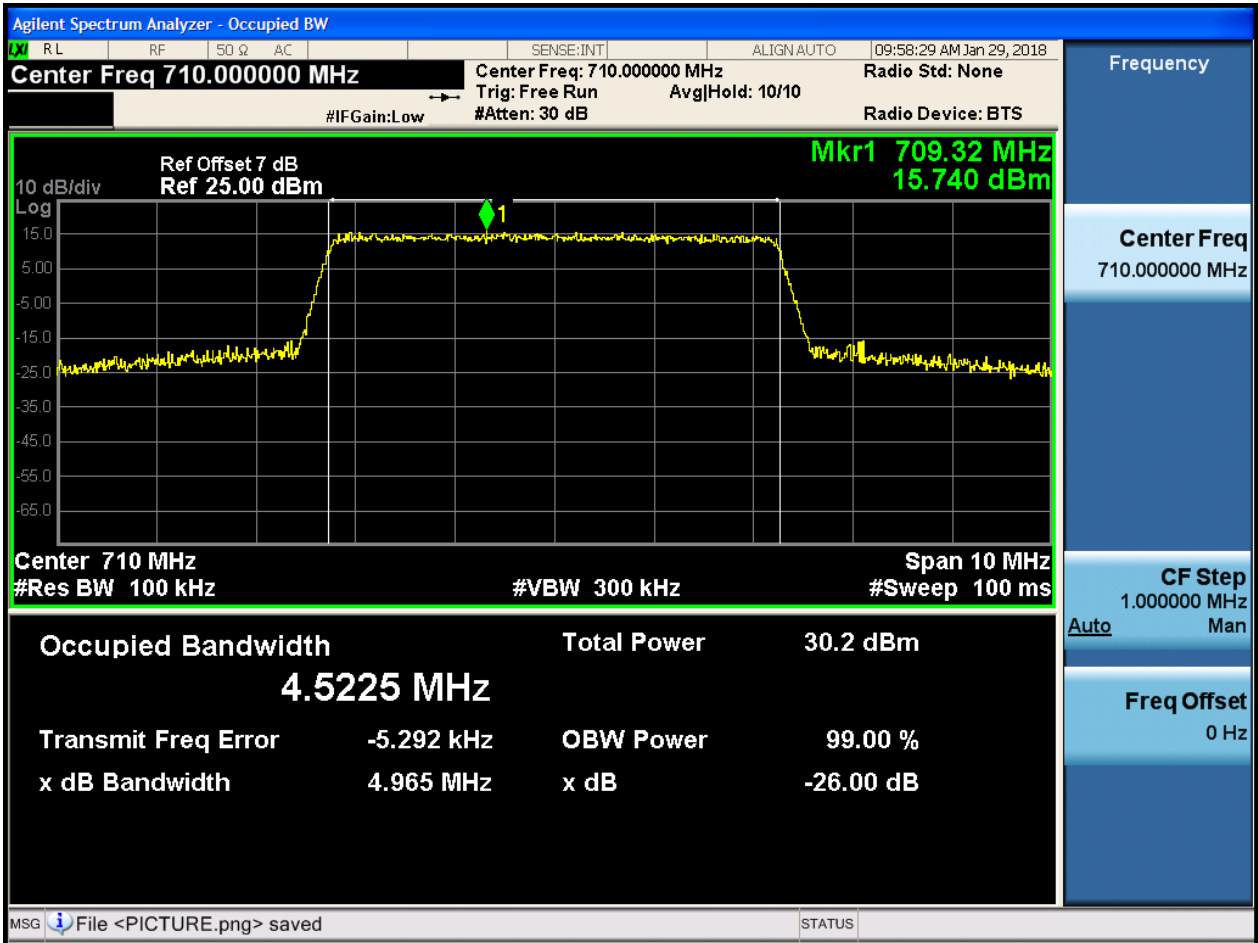
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

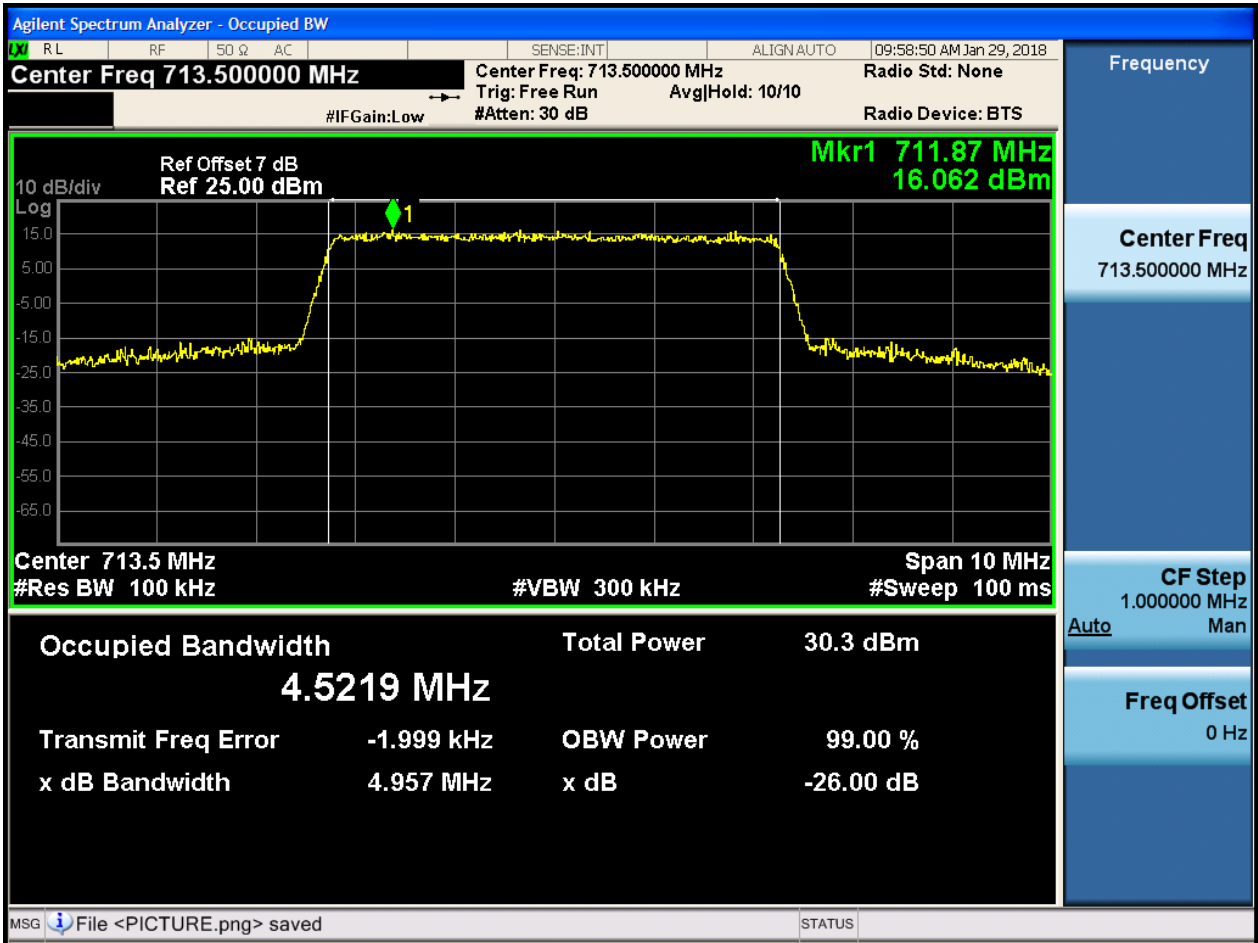
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0



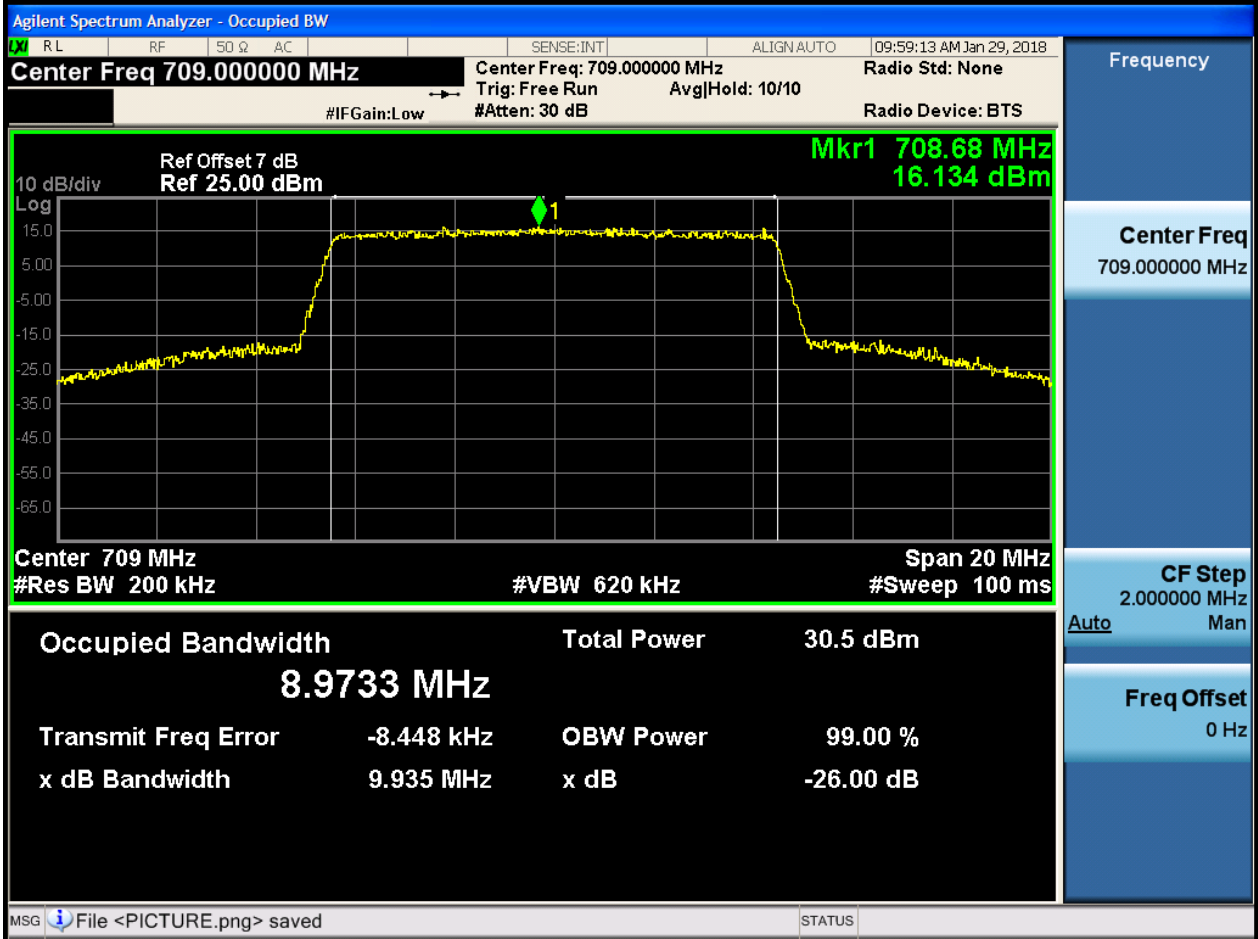




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

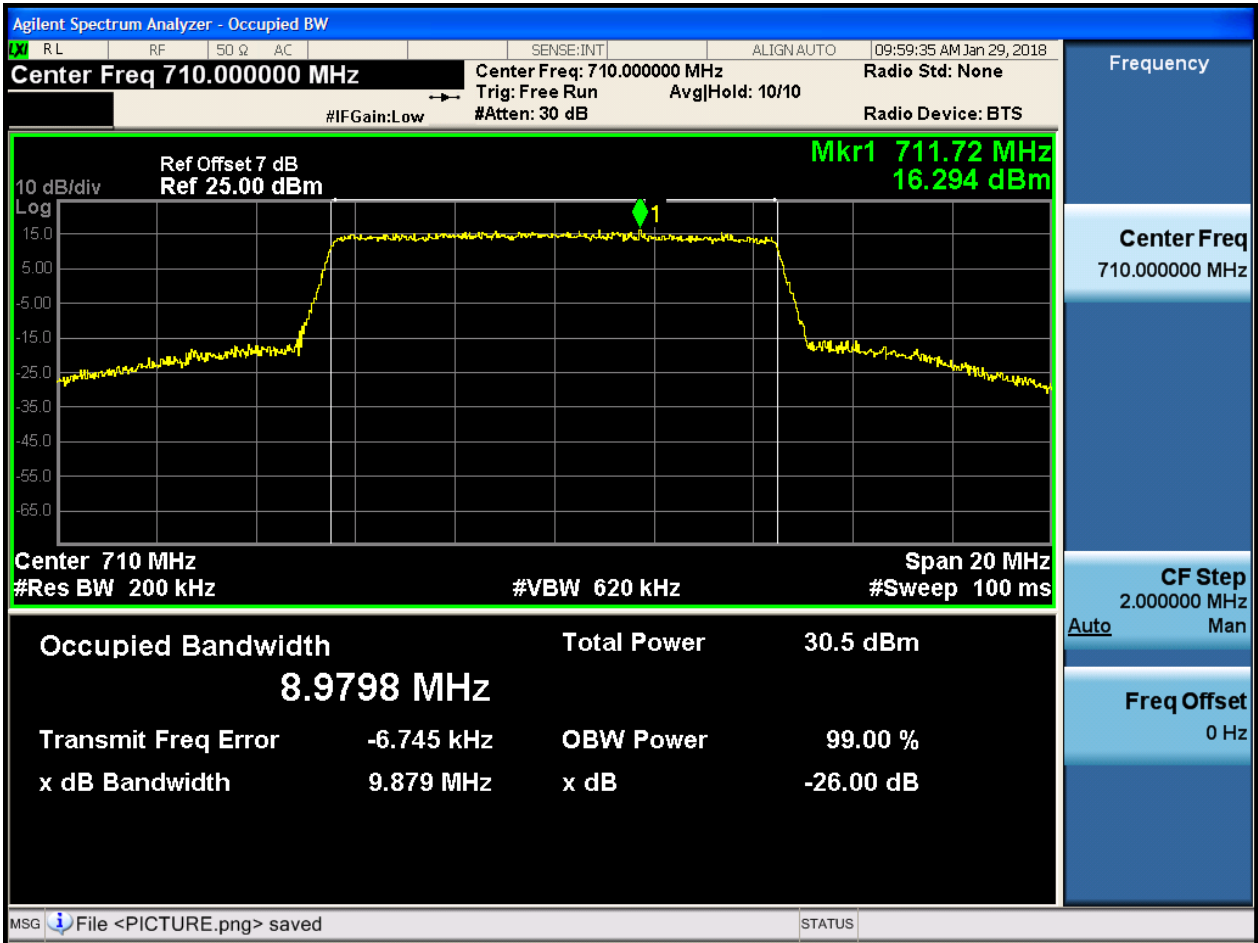
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

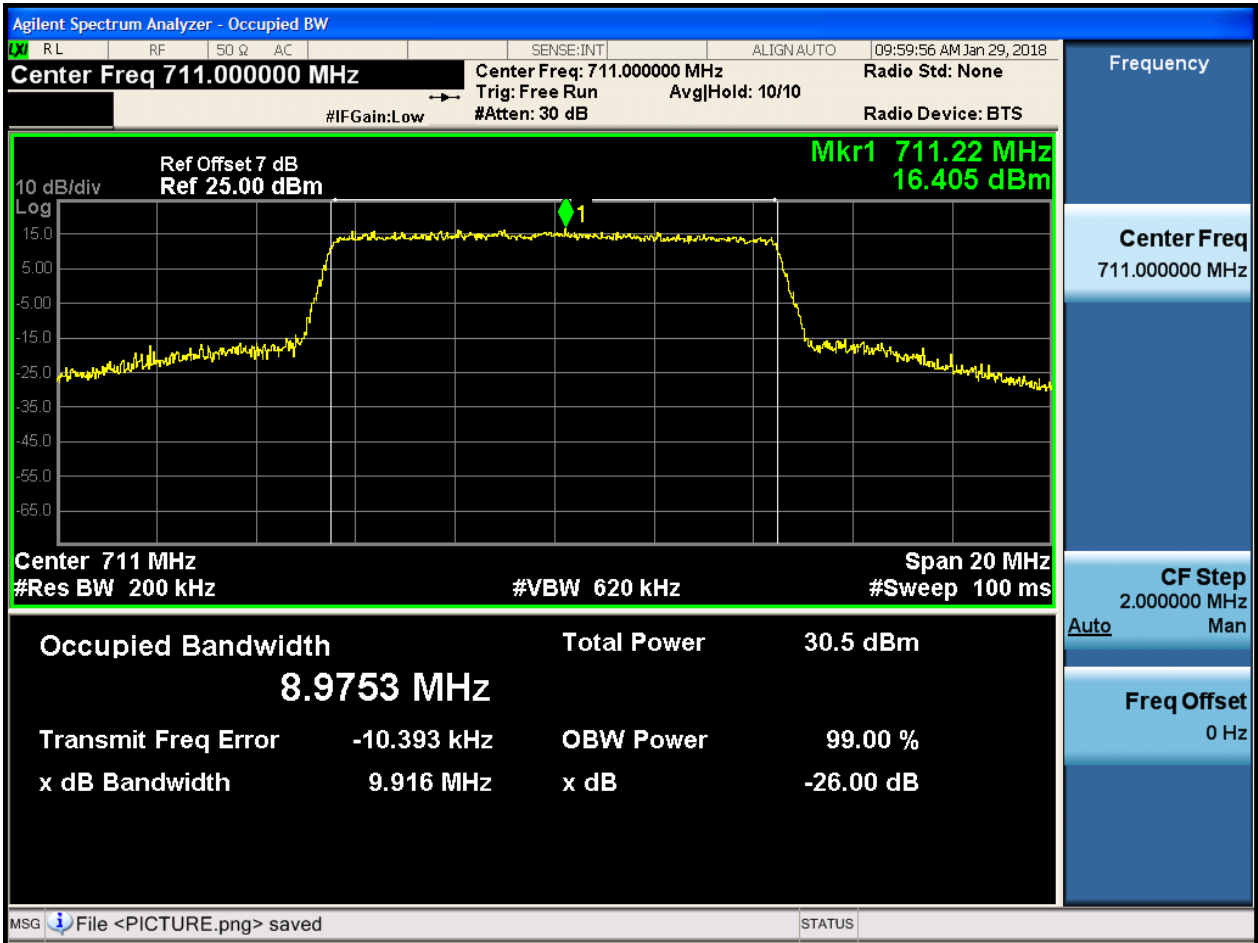
4.1.1.2.2.2.1 Test RB = RB50#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0





## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

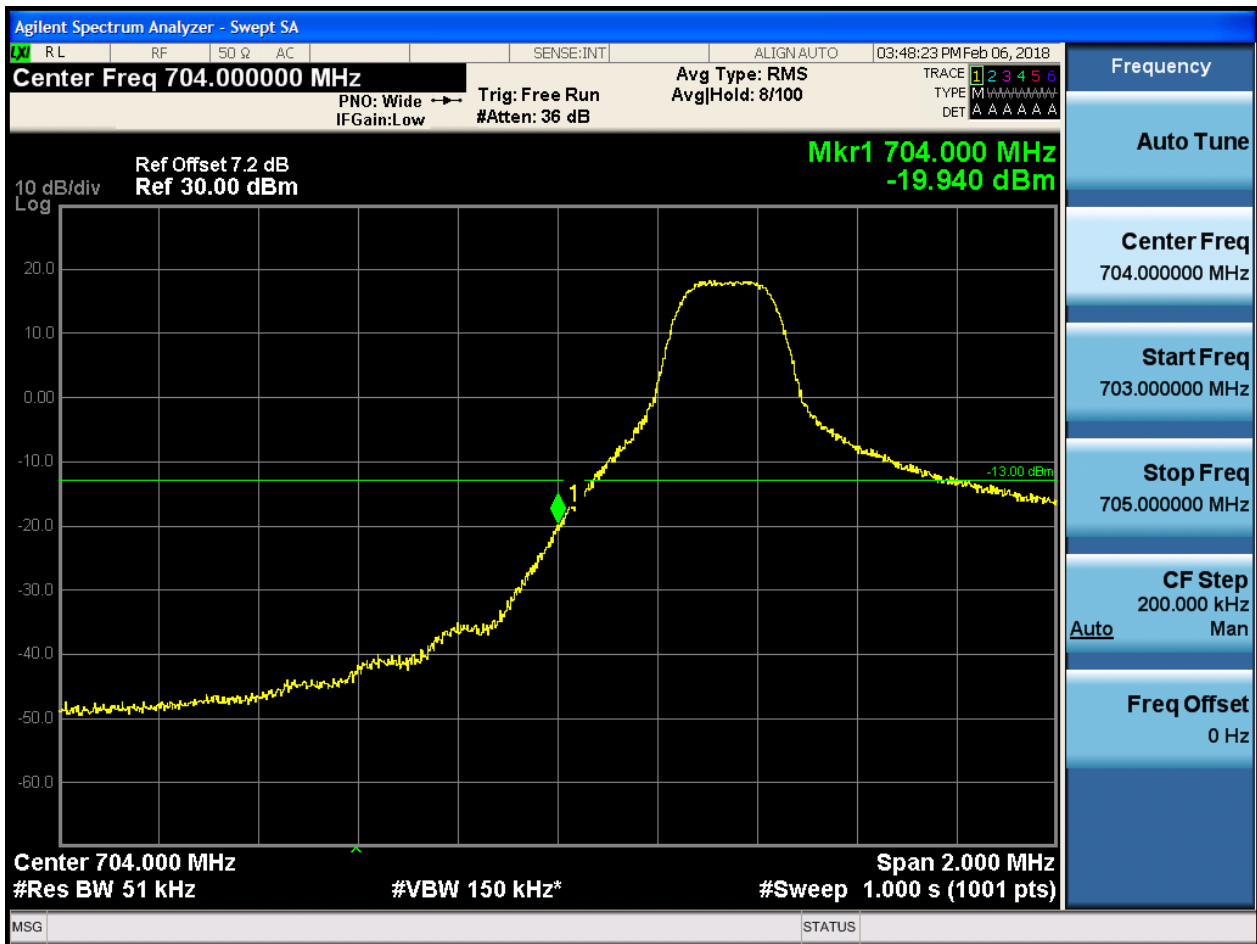
##### 5.1.1 Test Band = BAND17

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

##### 5.1.1.1.1 Test Bandwidth = 5

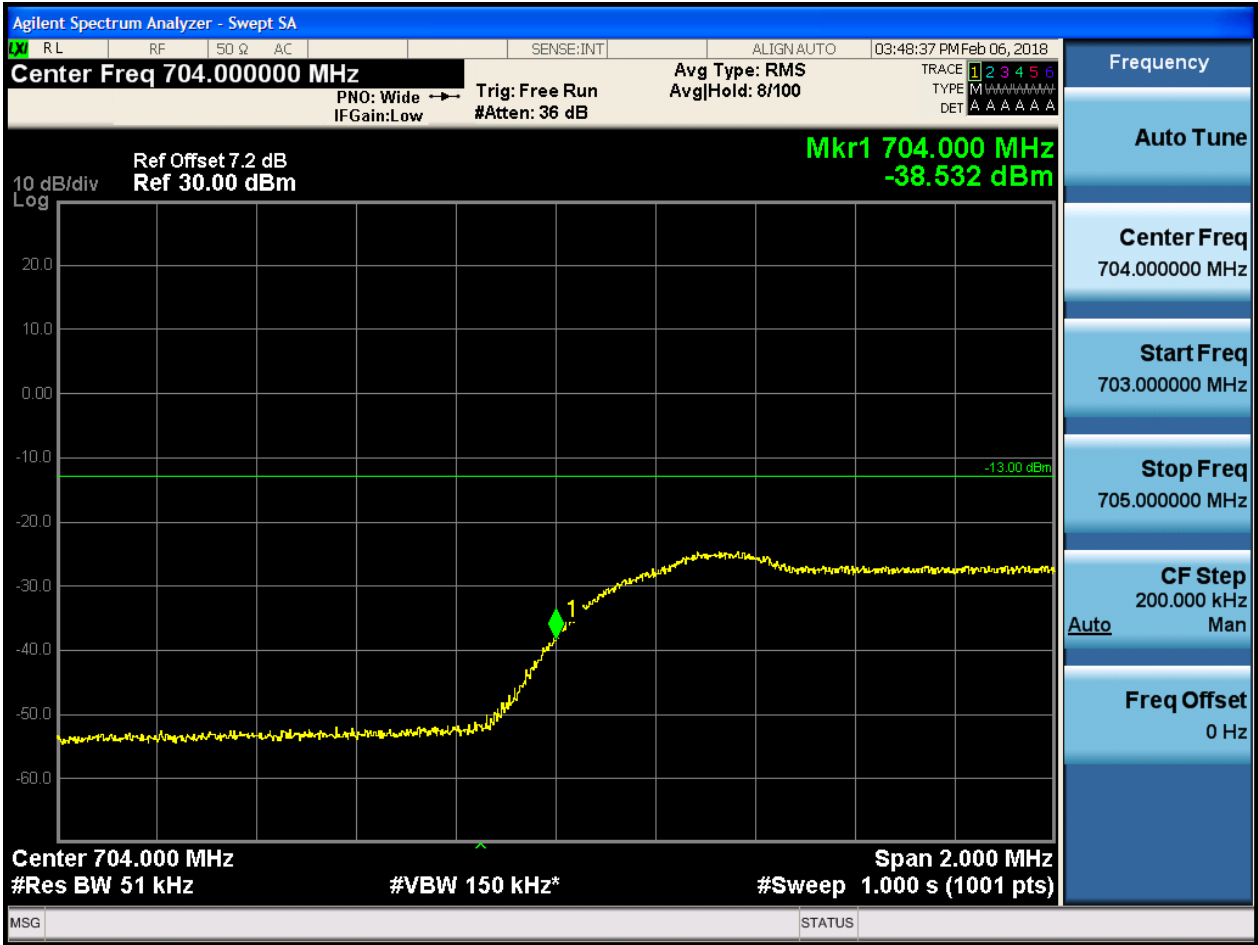
##### 5.1.1.1.1.1 Test Channel = LCH

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





5.1.1.1.1.2 Test RB = RB1#24



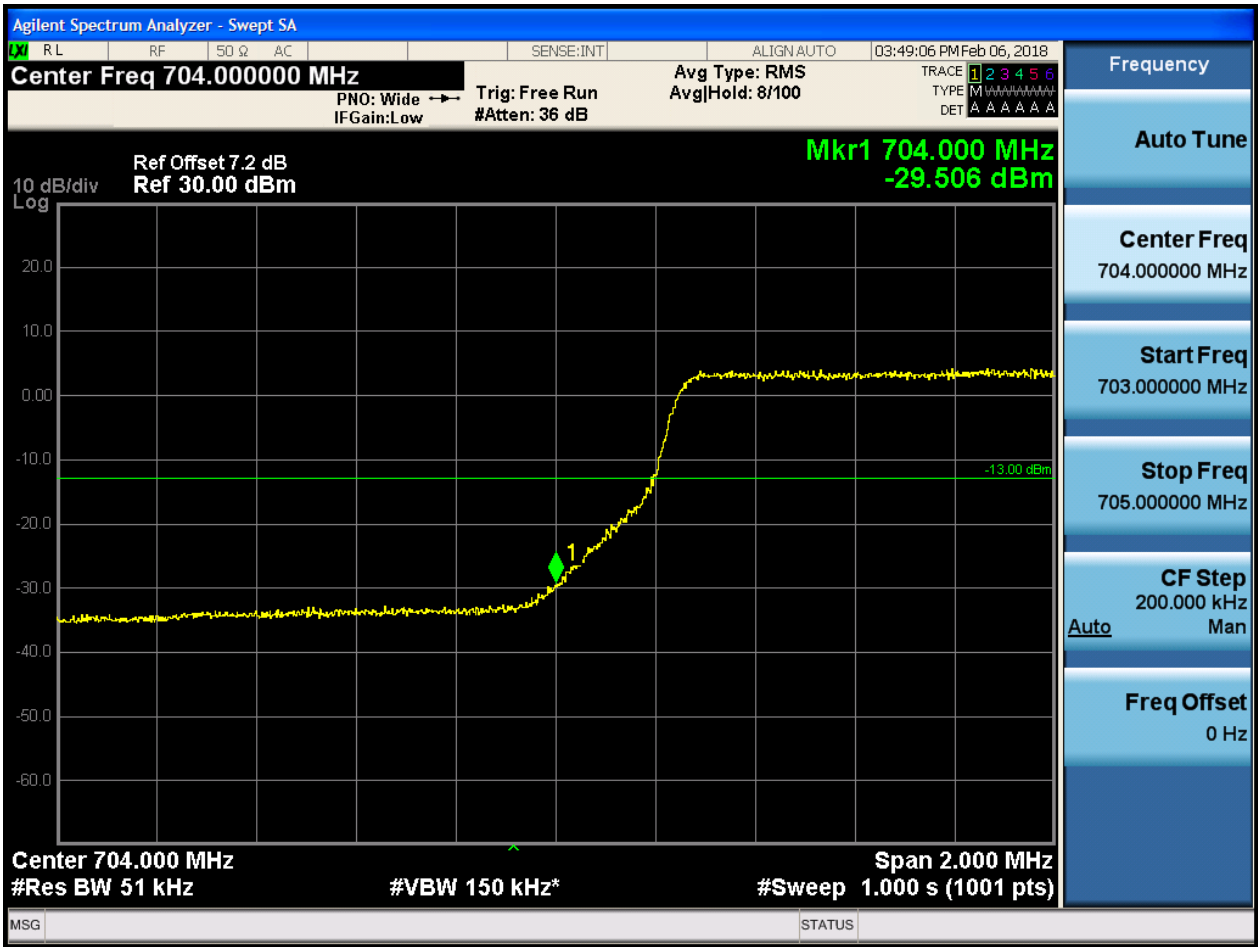


5.1.1.1.1.3 Test RB = RB12#6





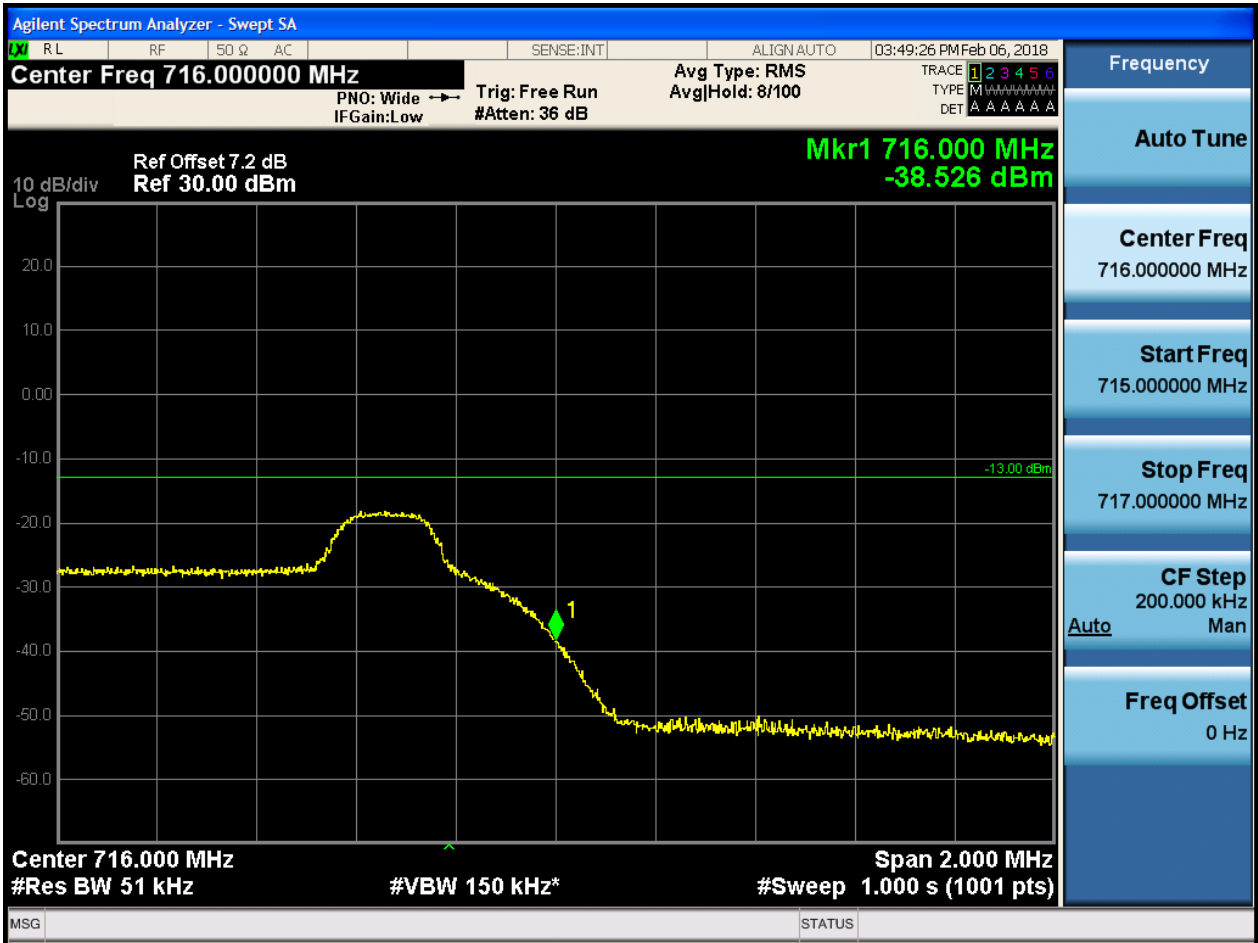
5.1.1.1.1.4 Test RB = RB25#0





5.1.1.1.1.2 Test Channel = HCH

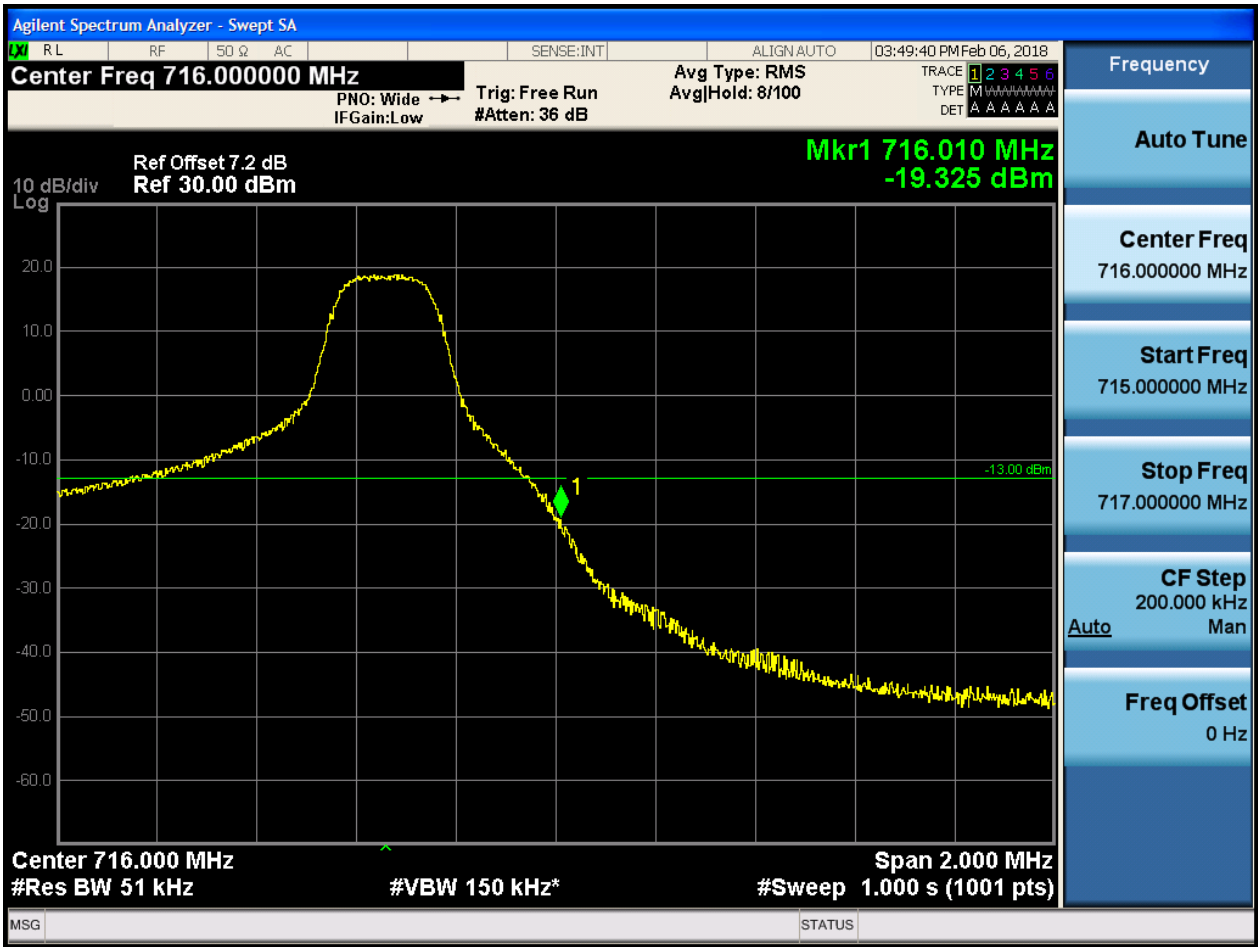
5.1.1.1.1.2.1 Test RB = RB1#0







5.1.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.1.2.4 Test RB = RB25#0

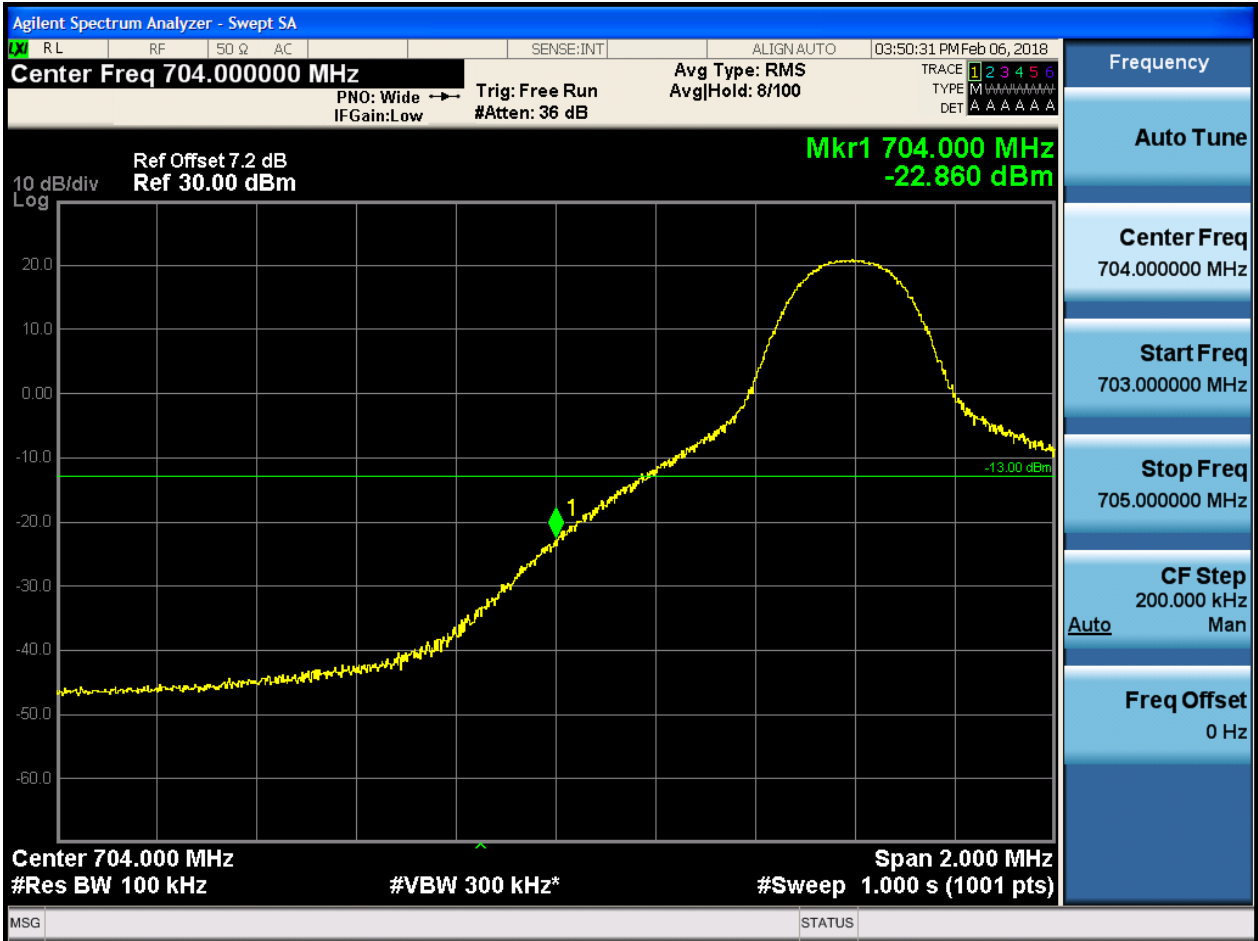




5.1.1.1.2 Test Bandwidth = 10

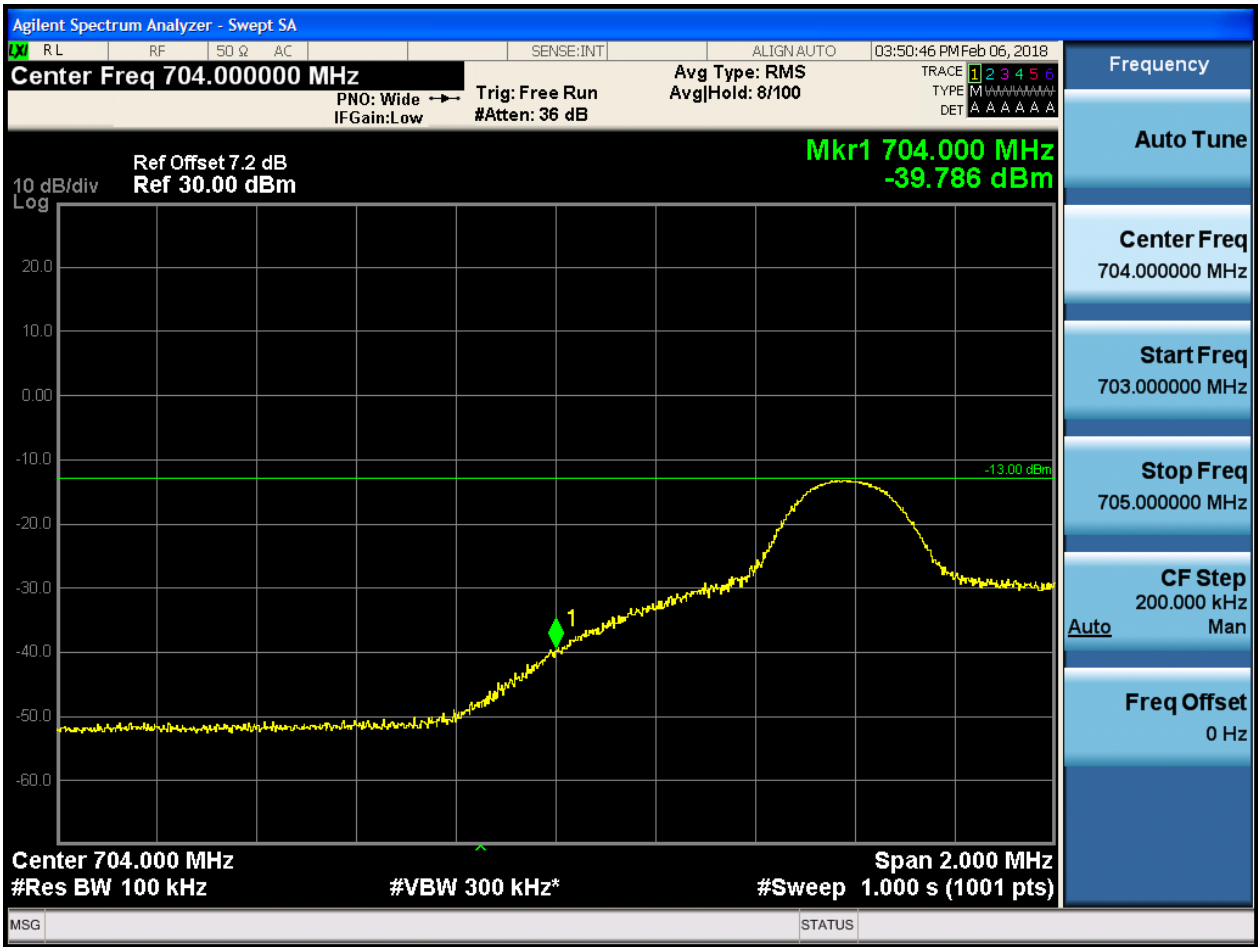
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



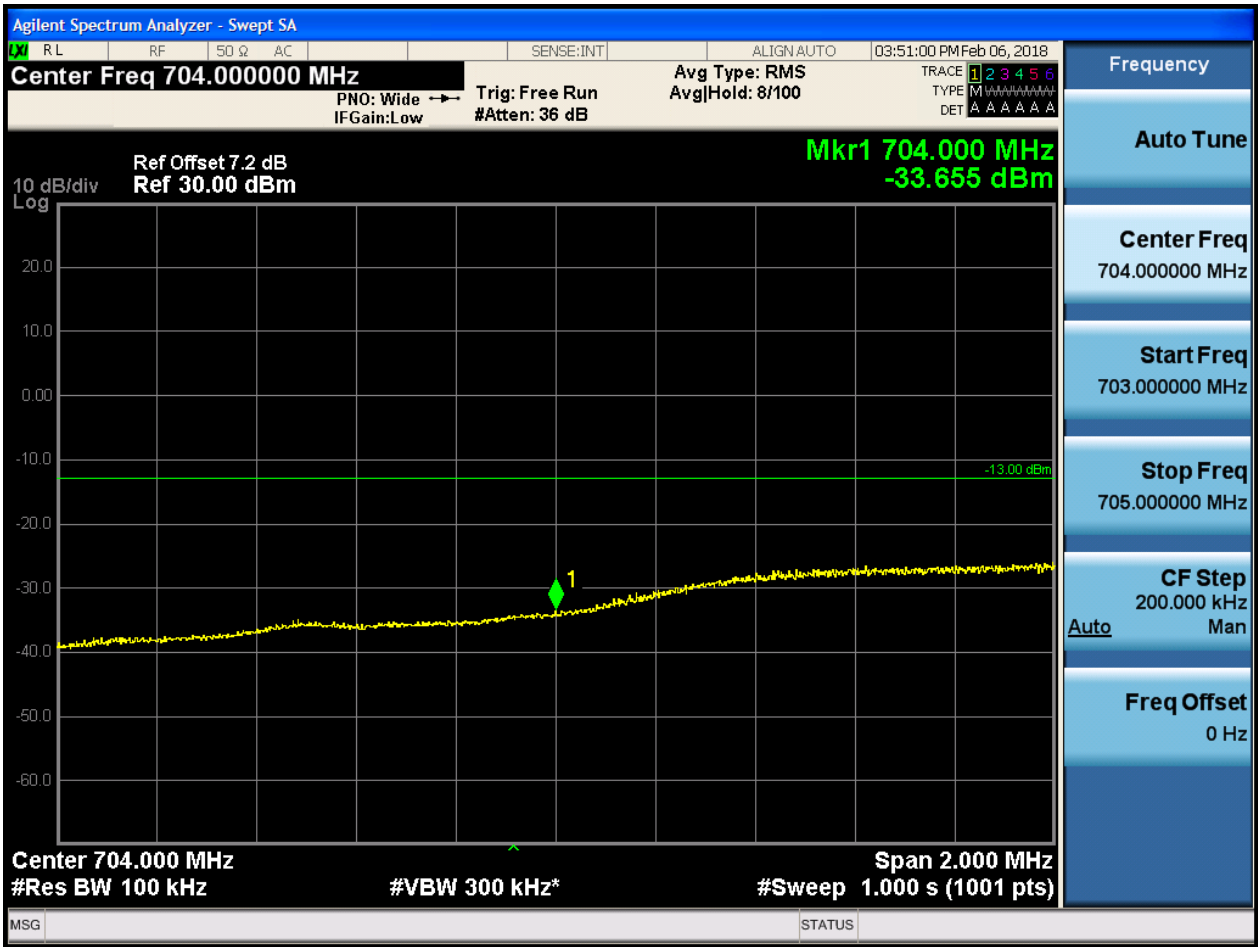


5.1.1.1.2.1.2 Test RB = RB1#49





5.1.1.1.2.1.3 Test RB = RB25#13





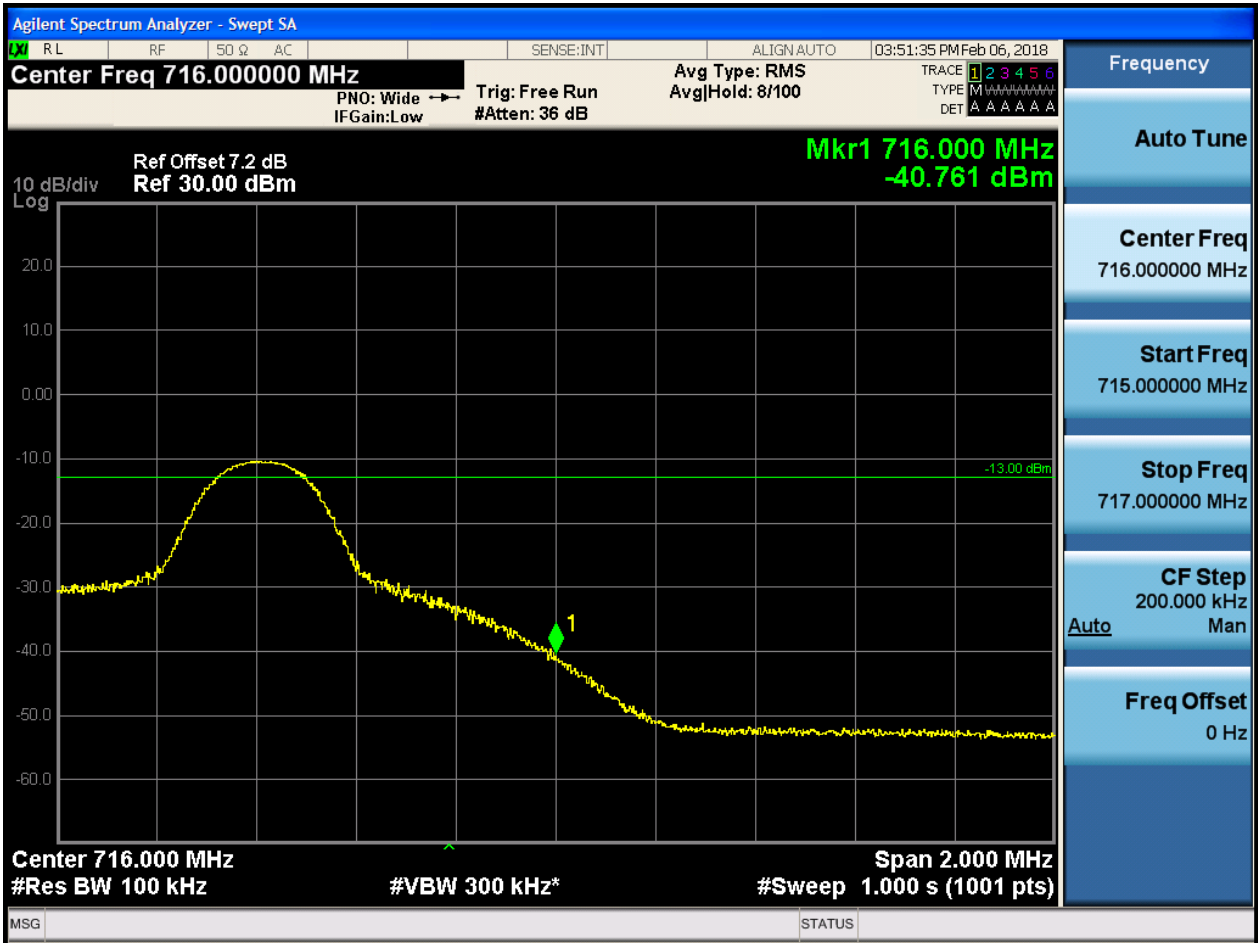
5.1.1.1.2.1.4 Test RB = RB50#0





5.1.1.1.2.2 Test Channel = HCH

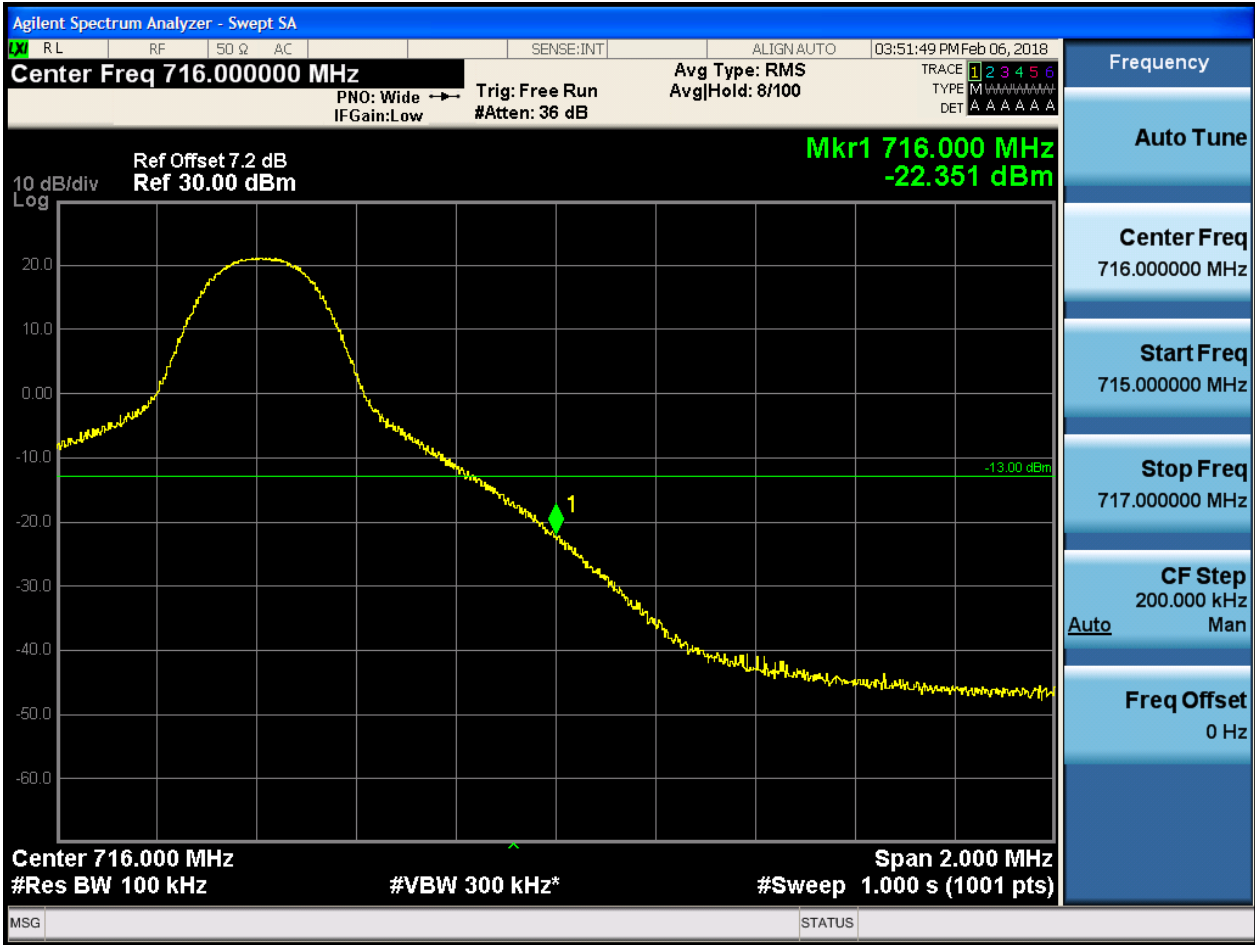
5.1.1.1.2.2.1 Test RB = RB1#0







5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0



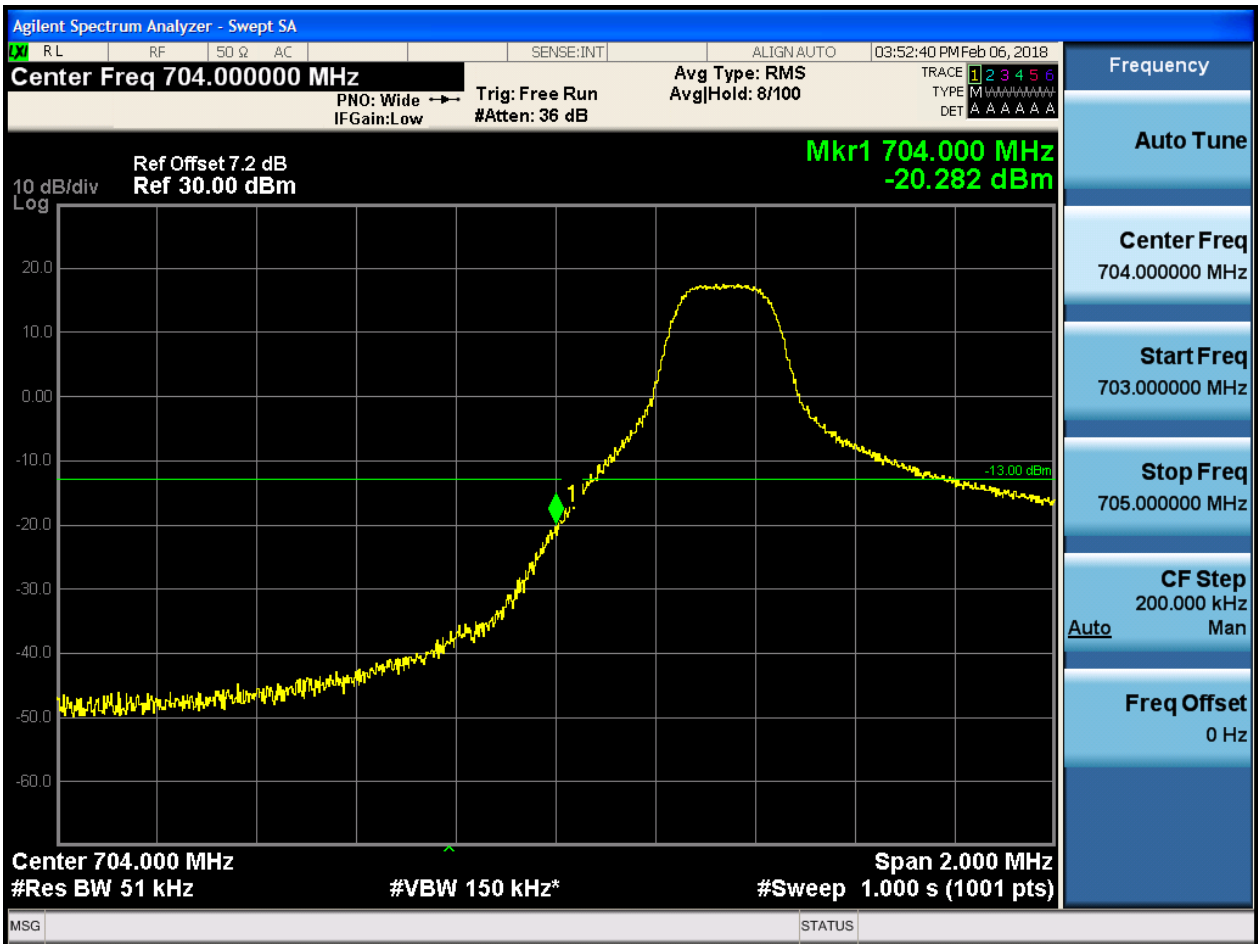


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

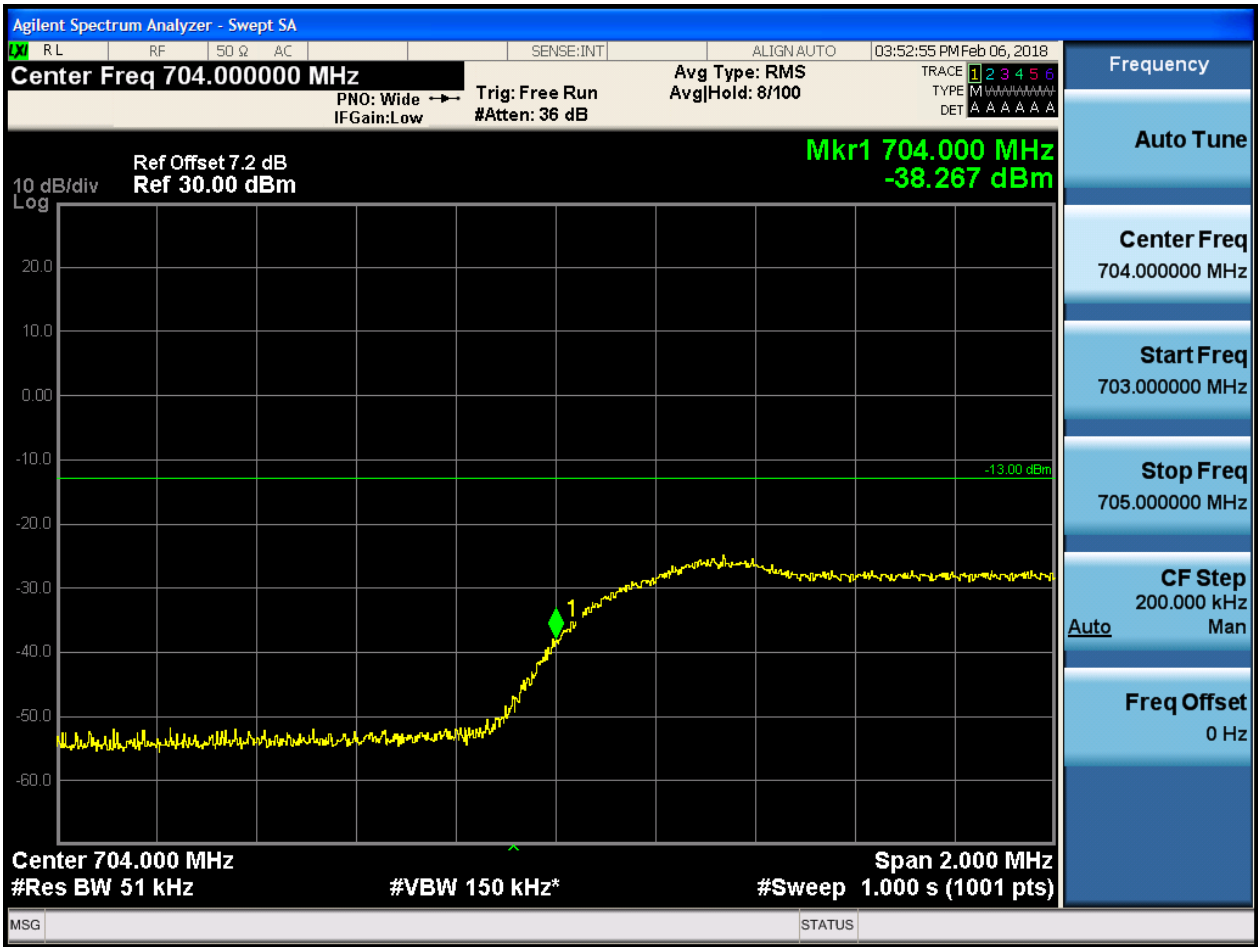
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#24



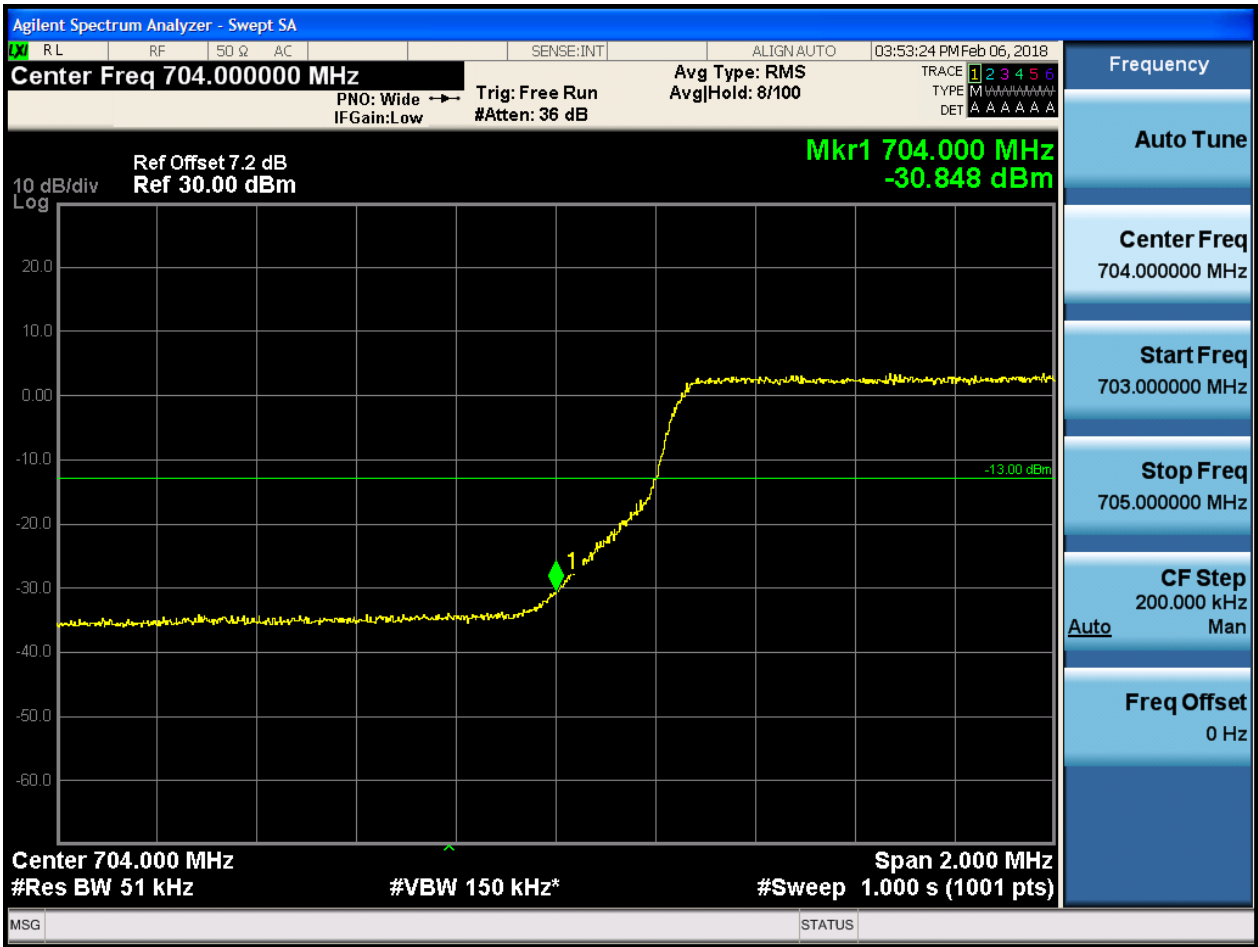


5.1.1.2.1.1.3 Test RB = RB12#6





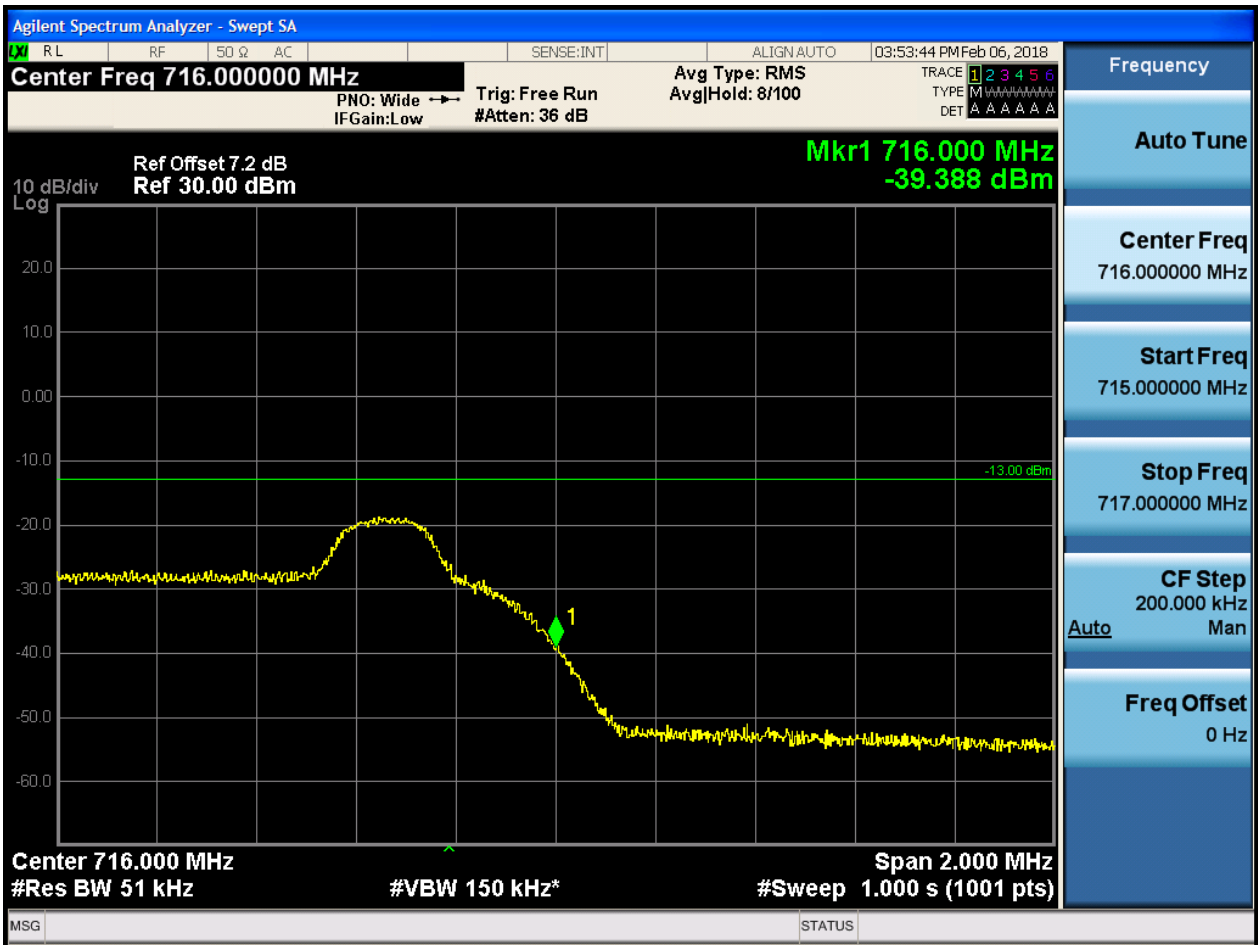
5.1.1.2.1.1.4 Test RB = RB25#0





5.1.1.2.1.2 Test Channel = HCH

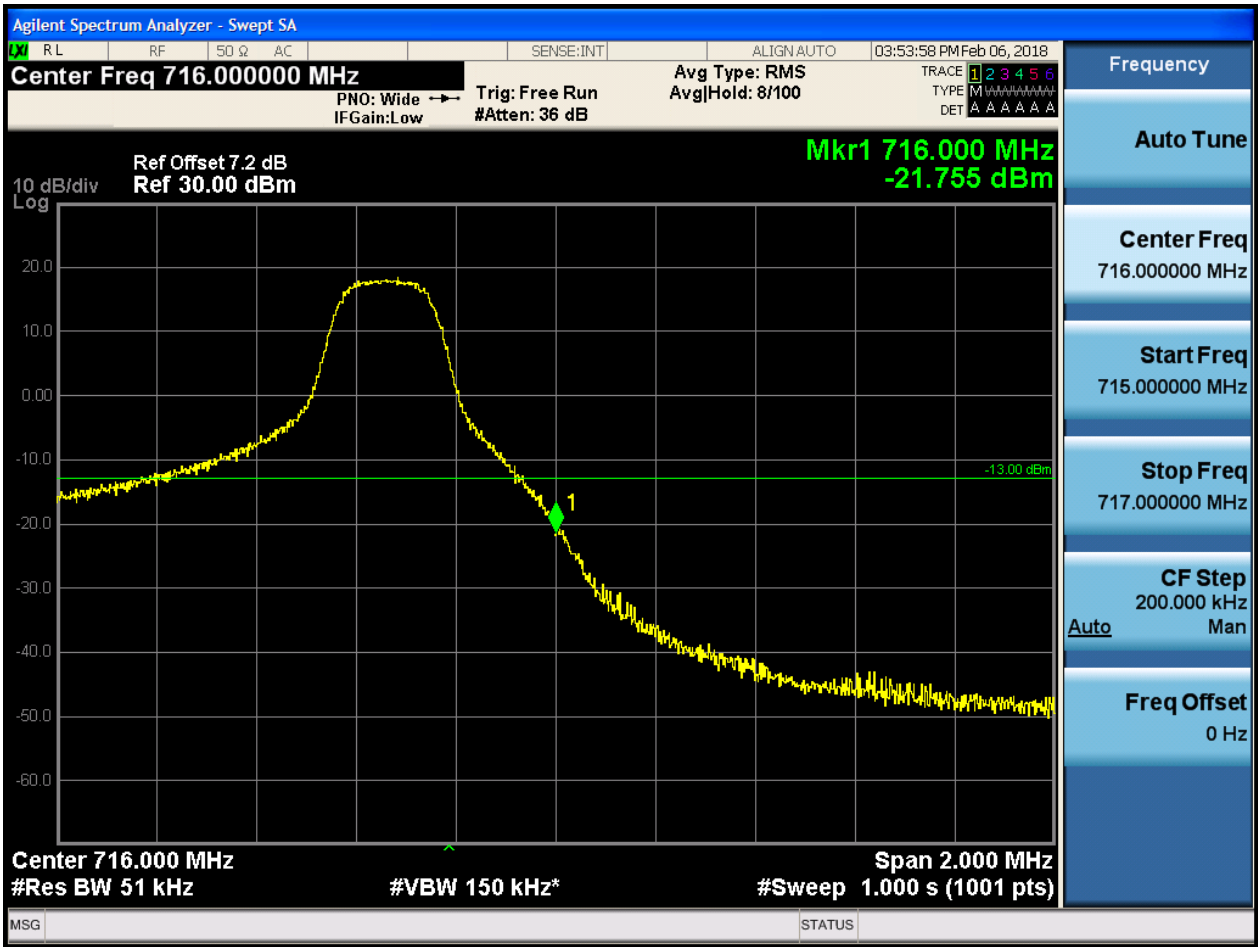
5.1.1.2.1.2.1 Test RB = RB1#0







5.1.1.2.1.2.2 Test RB = RB1#24





5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

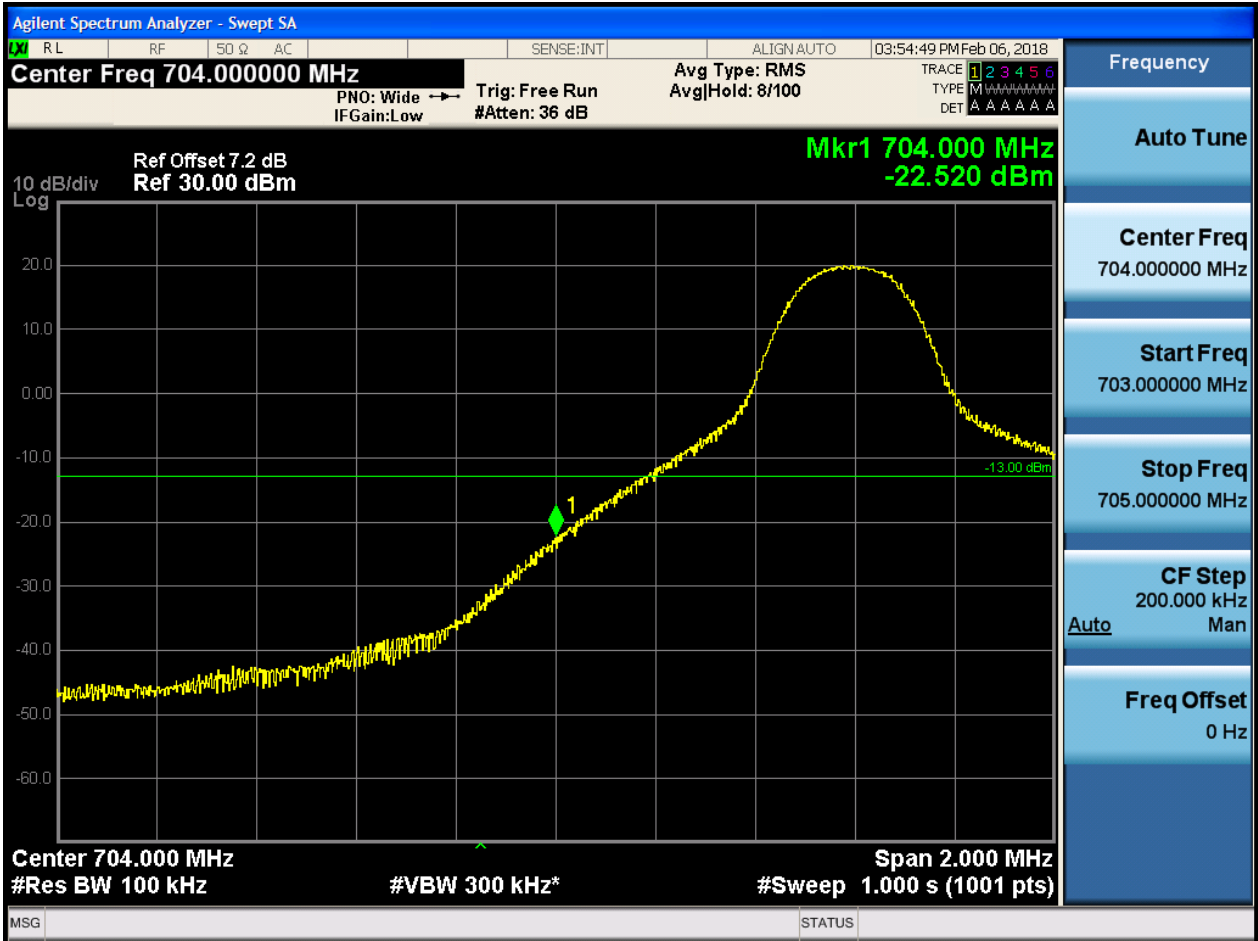




5.1.1.2.2 Test Bandwidth = 10

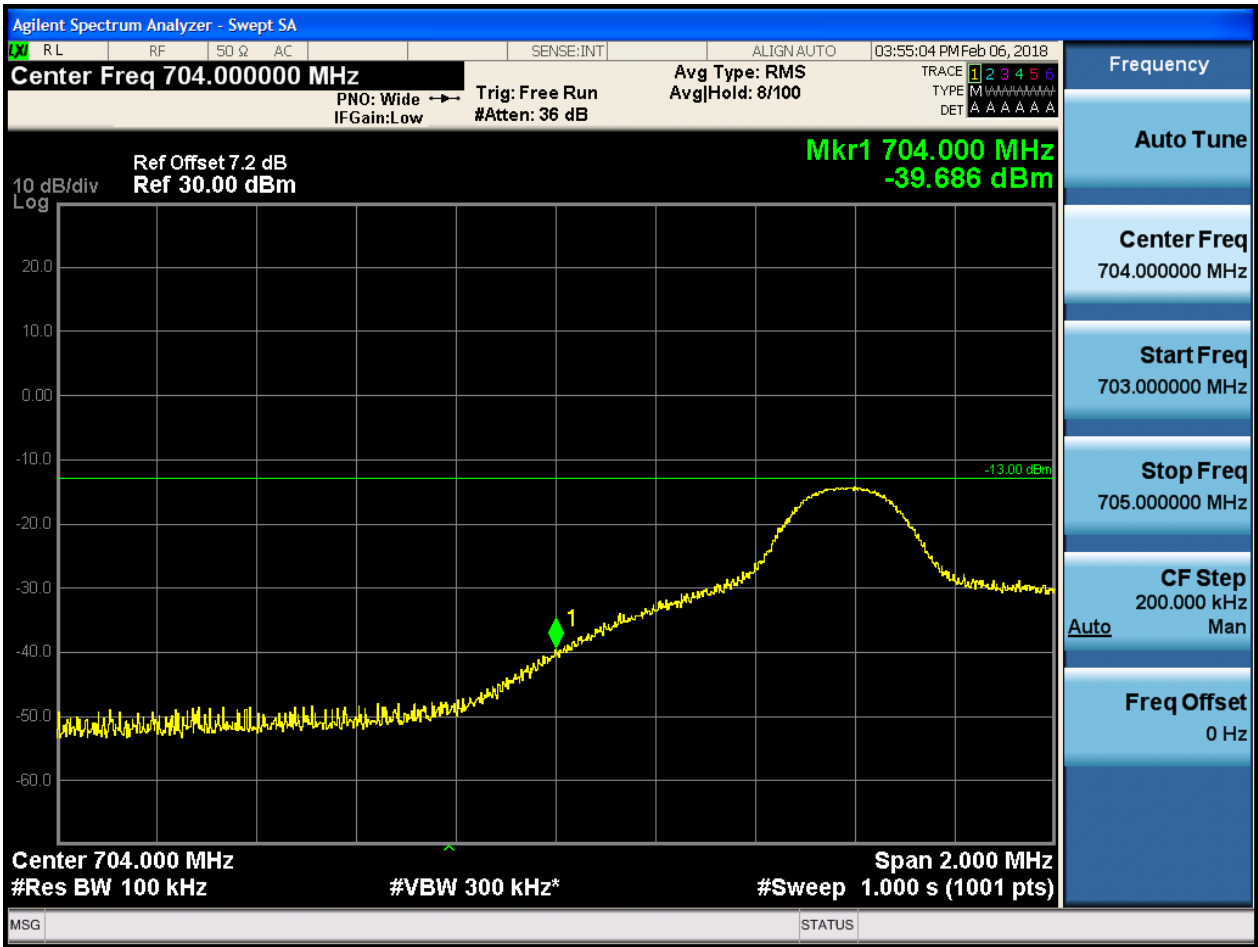
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



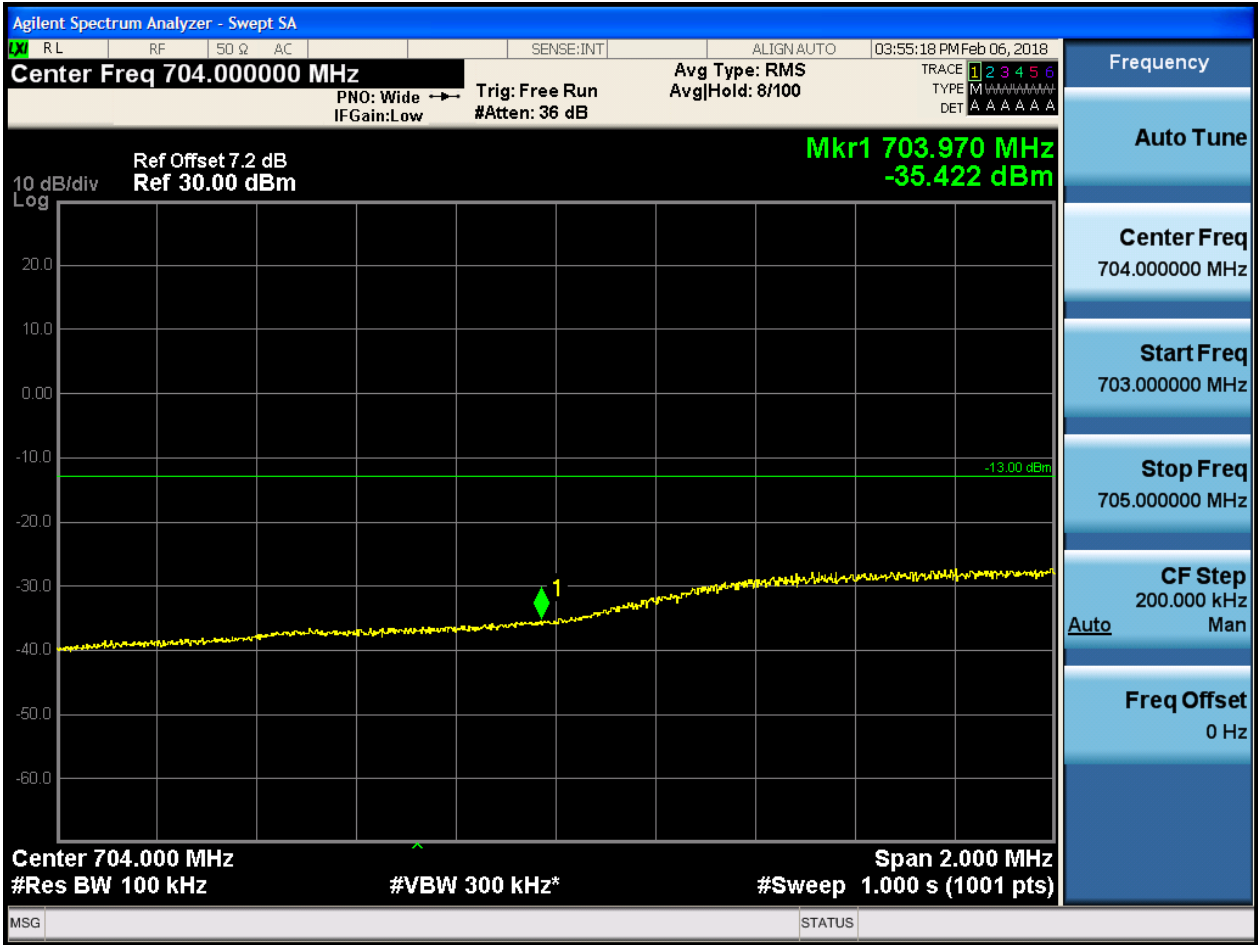


5.1.1.2.2.1.2 Test RB = RB1#49



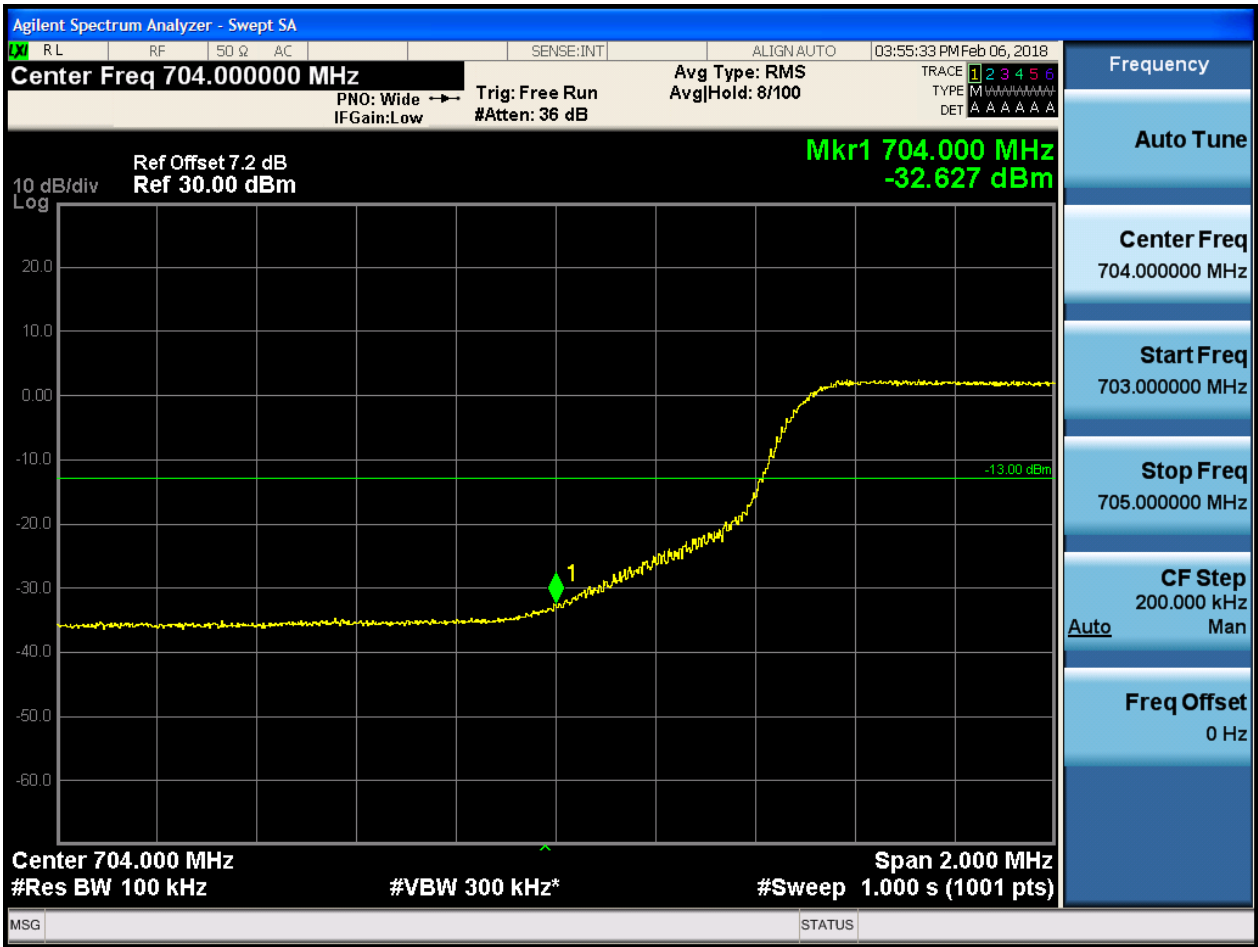


5.1.1.2.2.1.3 Test RB = RB25#13





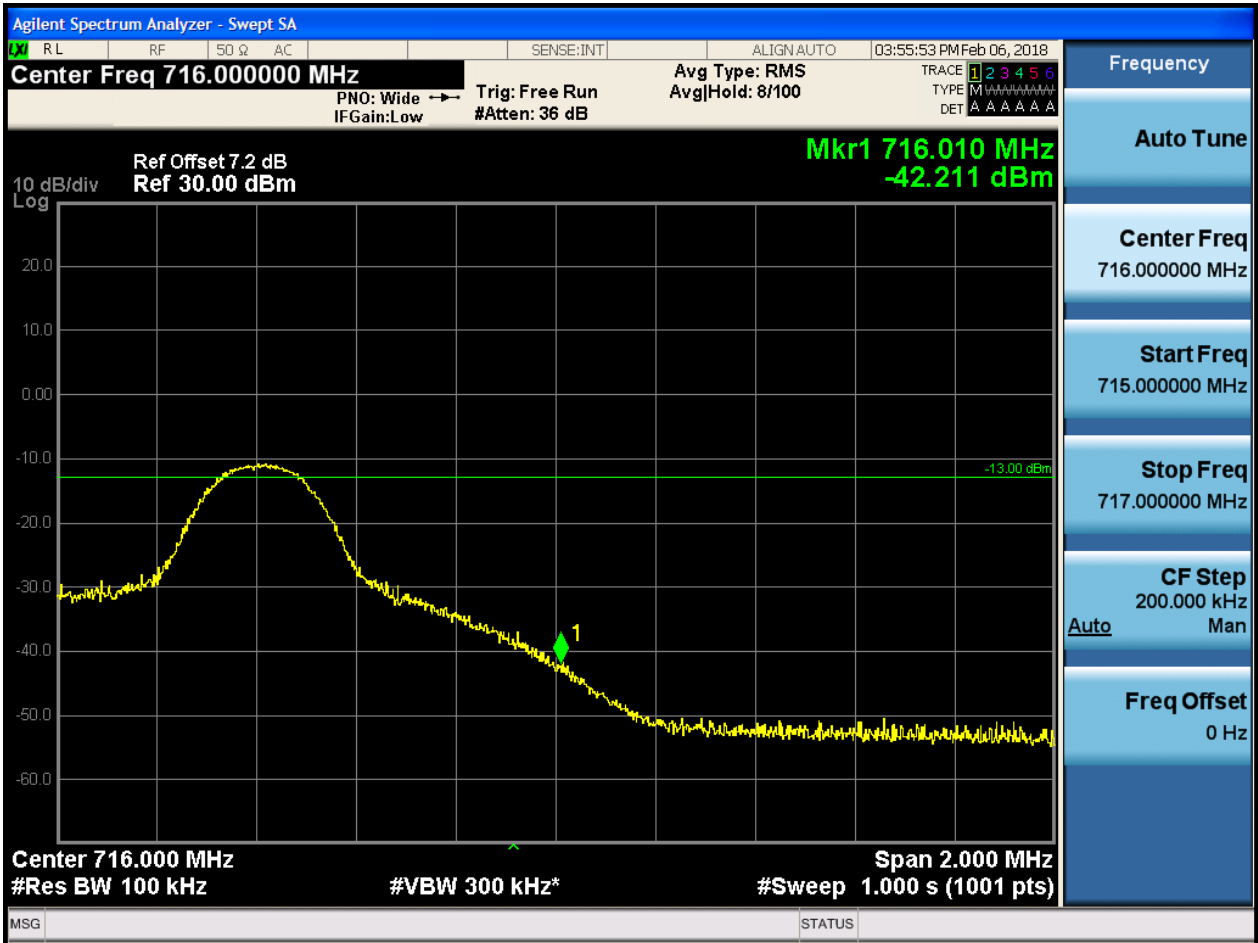
5.1.1.2.2.1.4 Test RB = RB50#0





5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





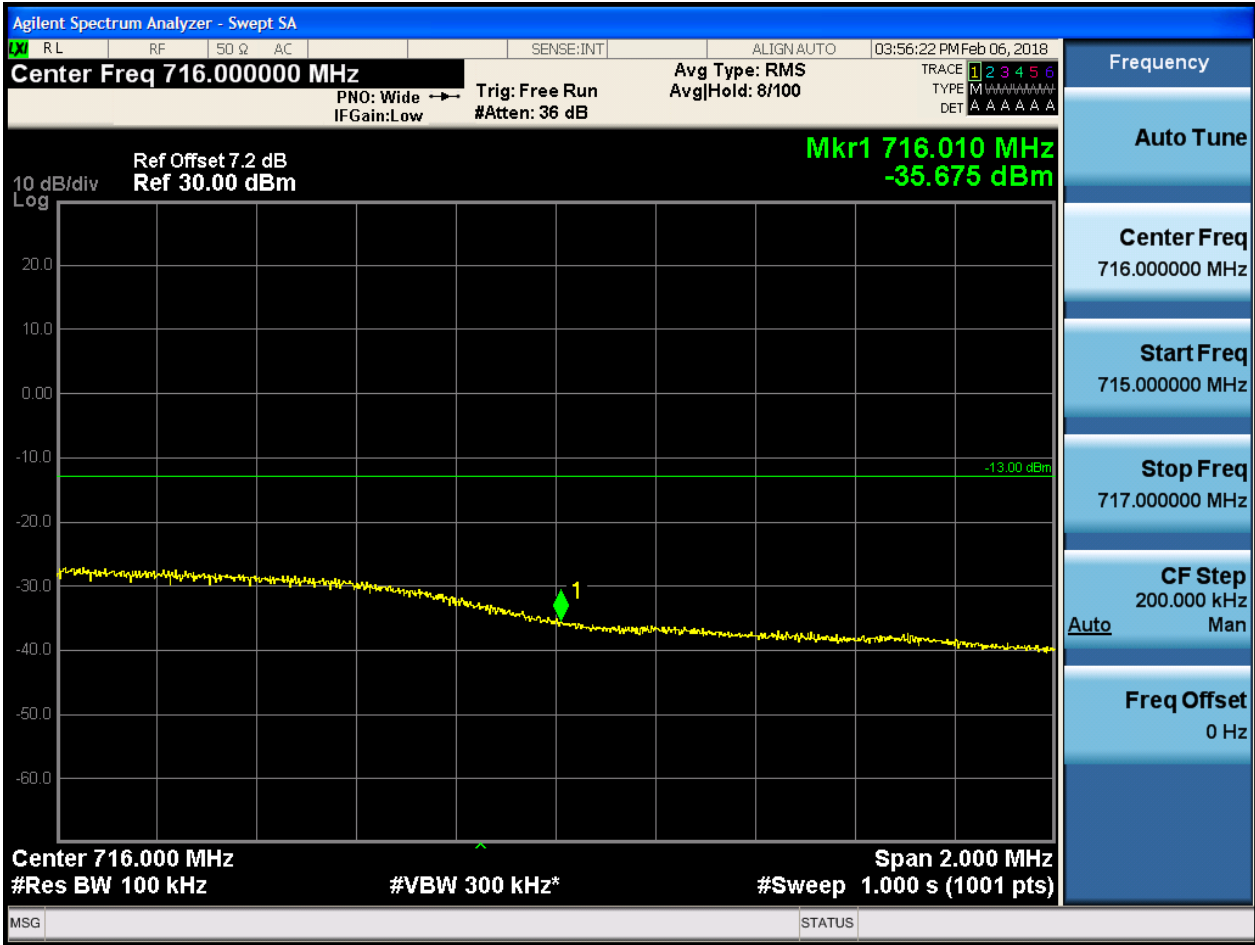


5.1.1.2.2.2 Test RB = RB1#49





5.1.1.2.2.2.3 Test RB = RB25#13





6.1.1.2.2.4 Test RB = RB50#0





## 5Appendix\_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

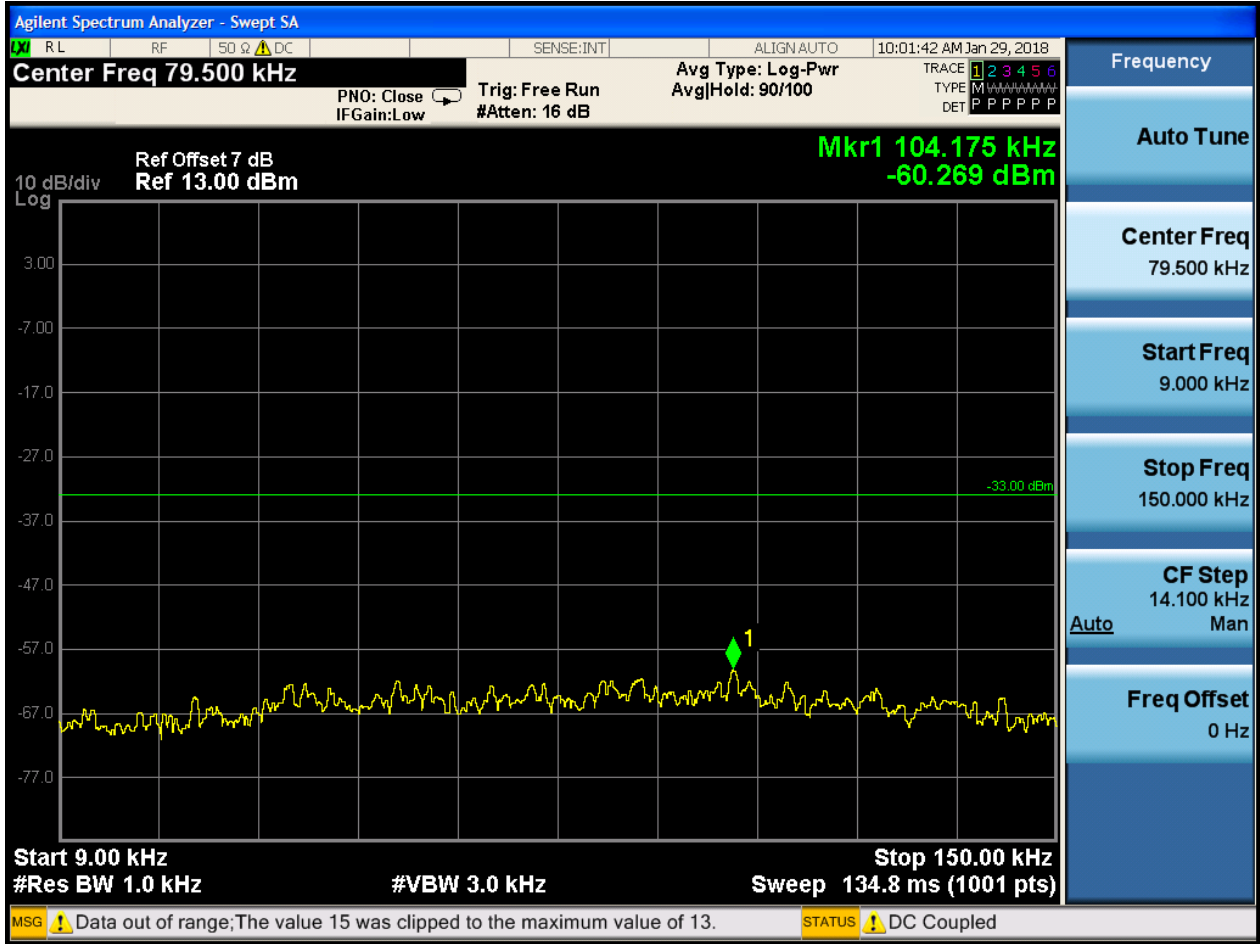
##### 6.1.1 Test Band = BAND17

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

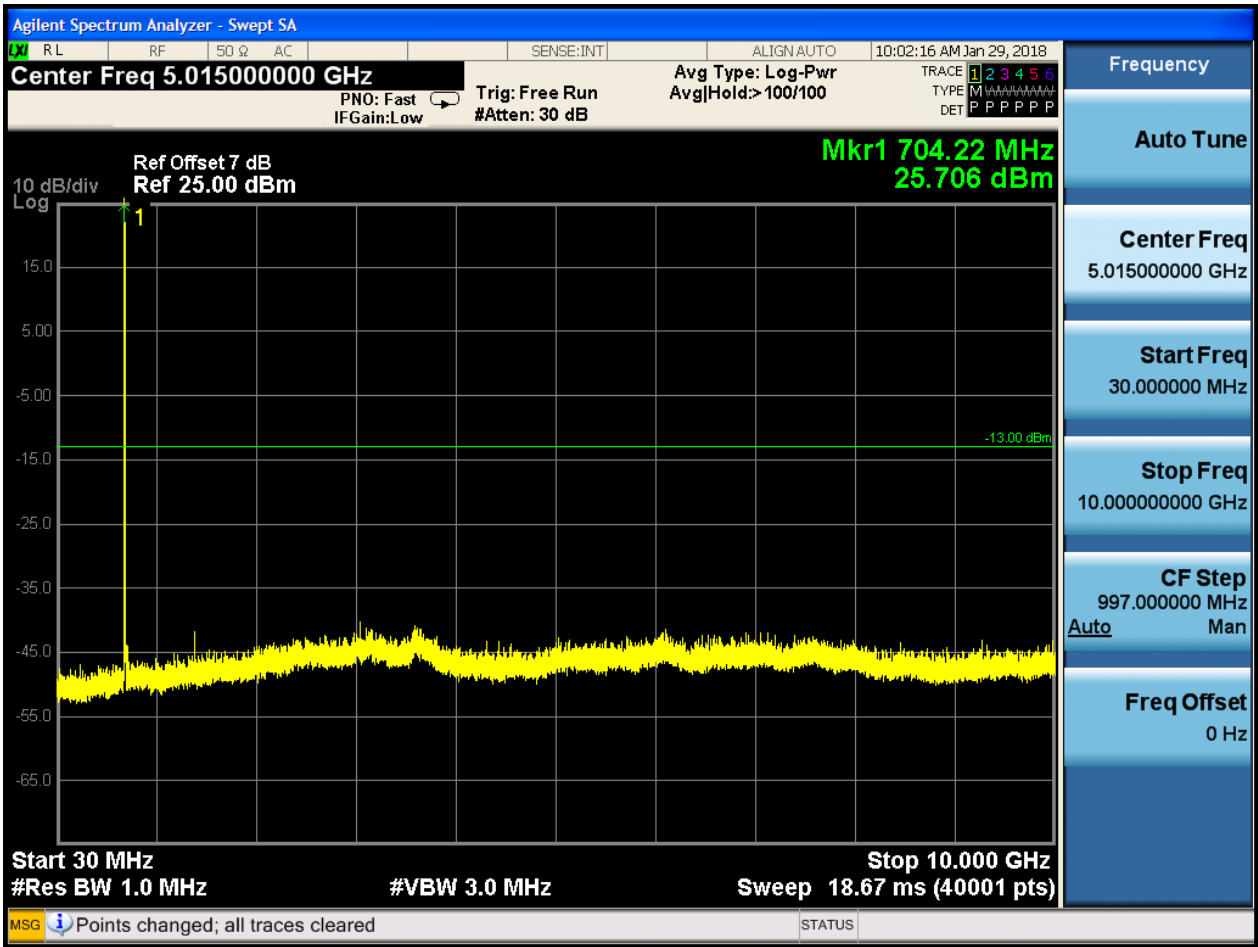
##### 6.1.1.1.1 Test Bandwidth = 5

##### 6.1.1.1.1.1 Test Channel = LCH

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



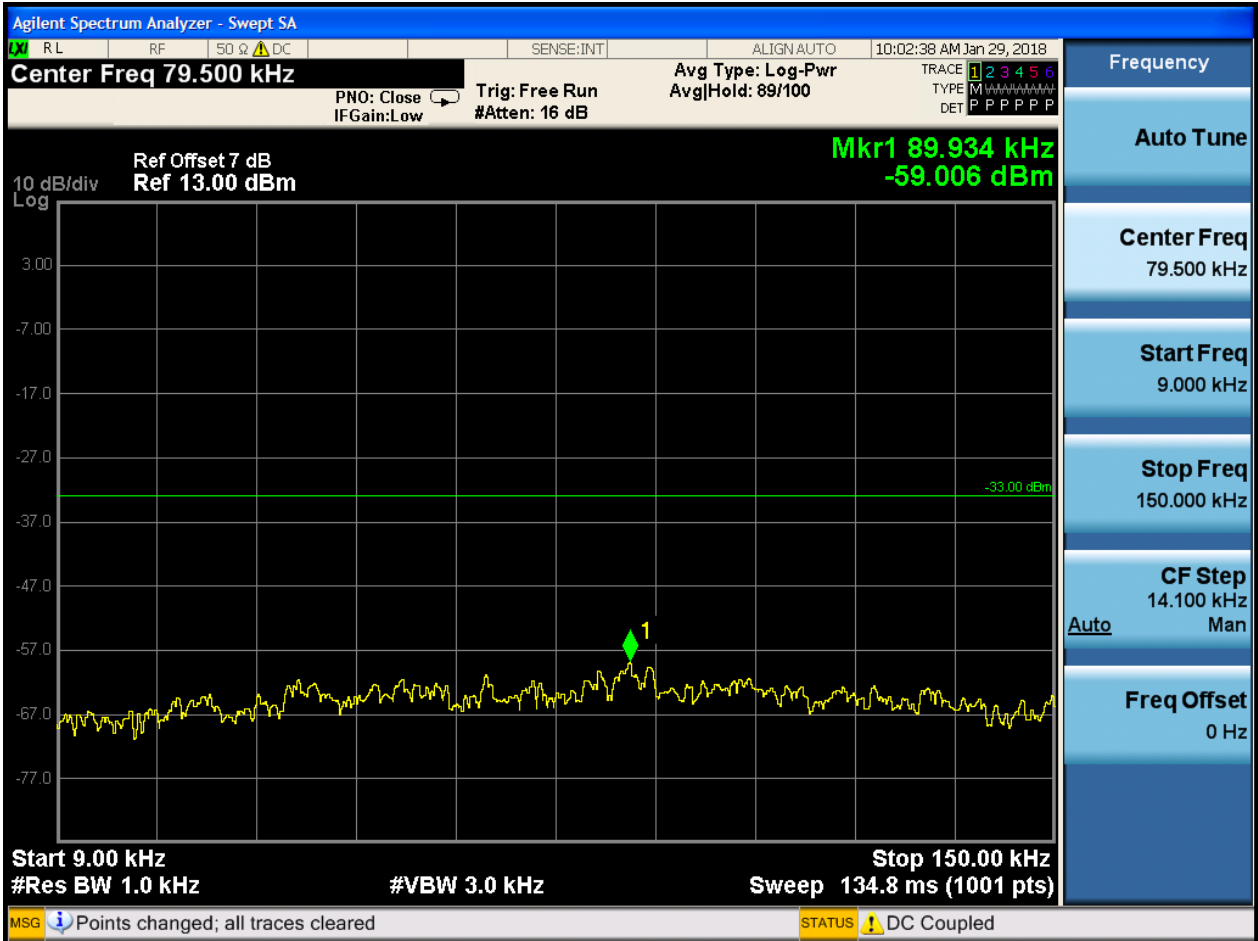






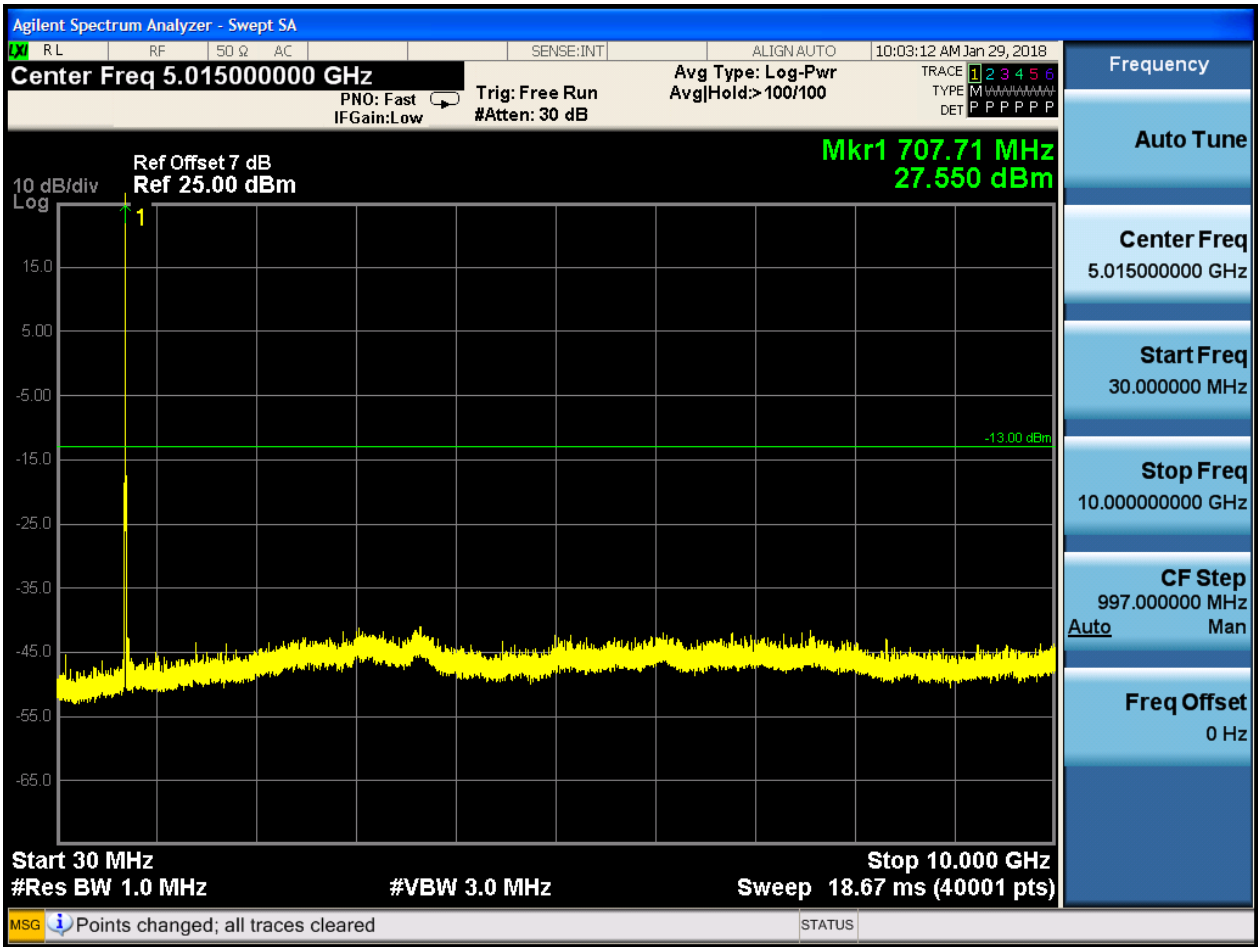
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0





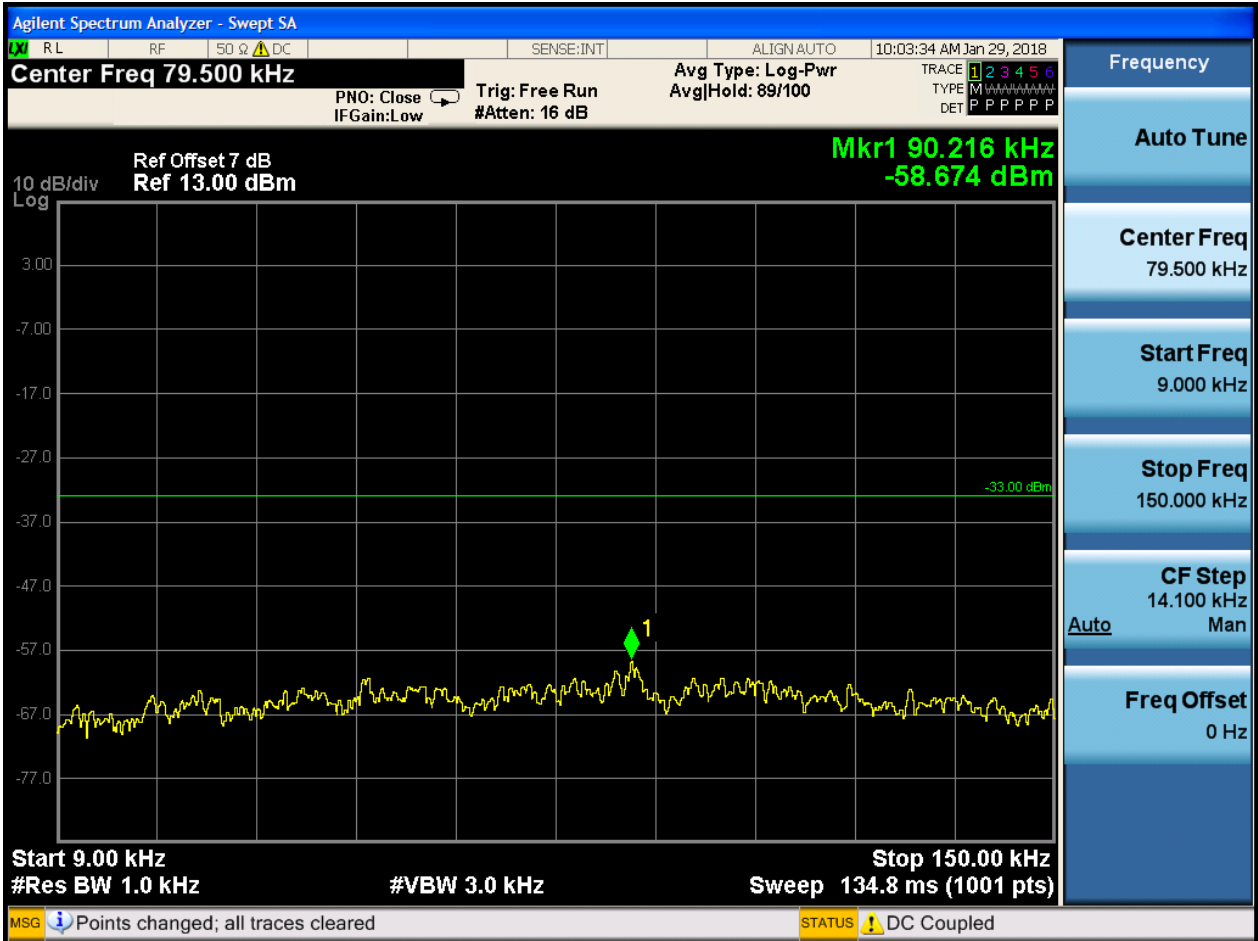


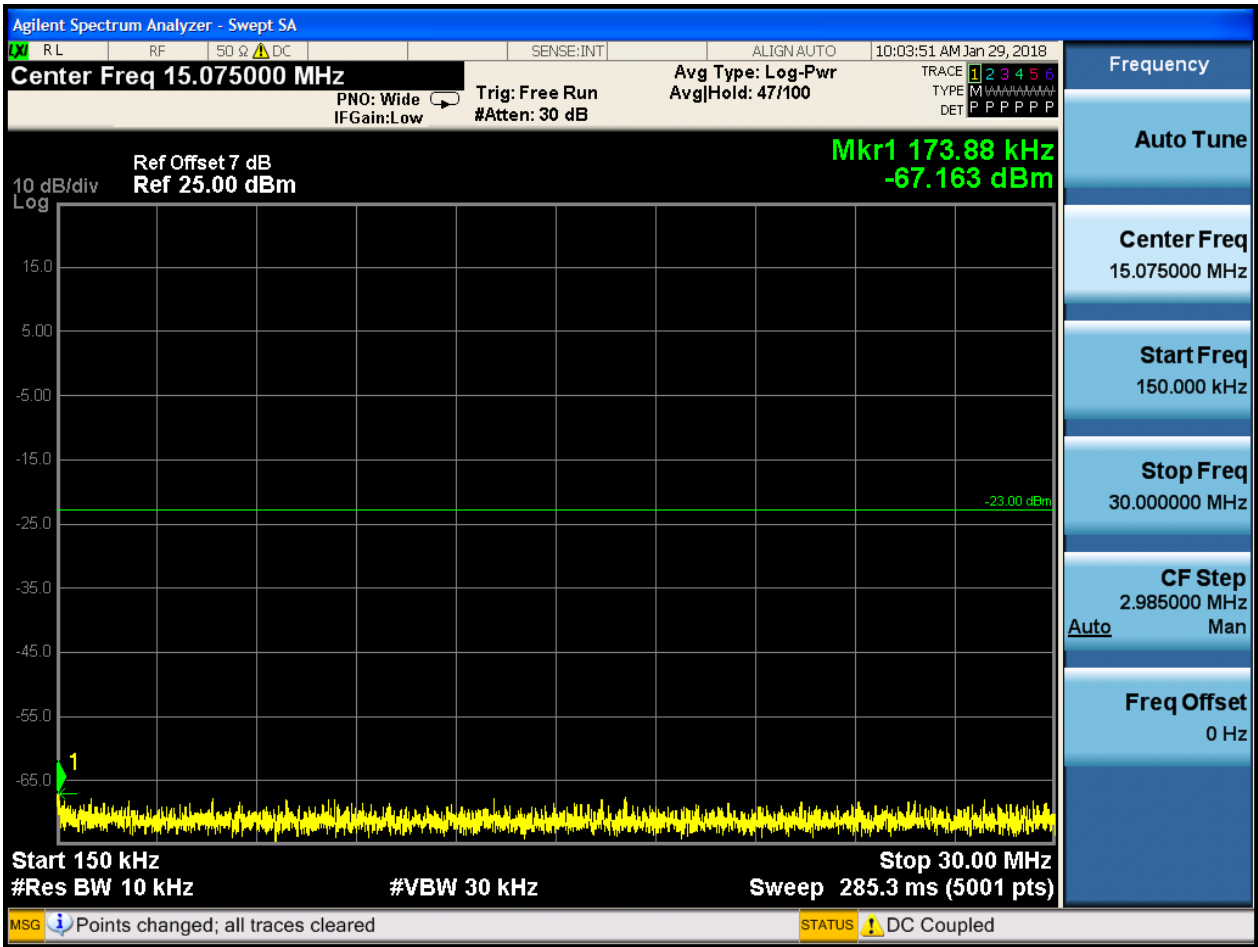


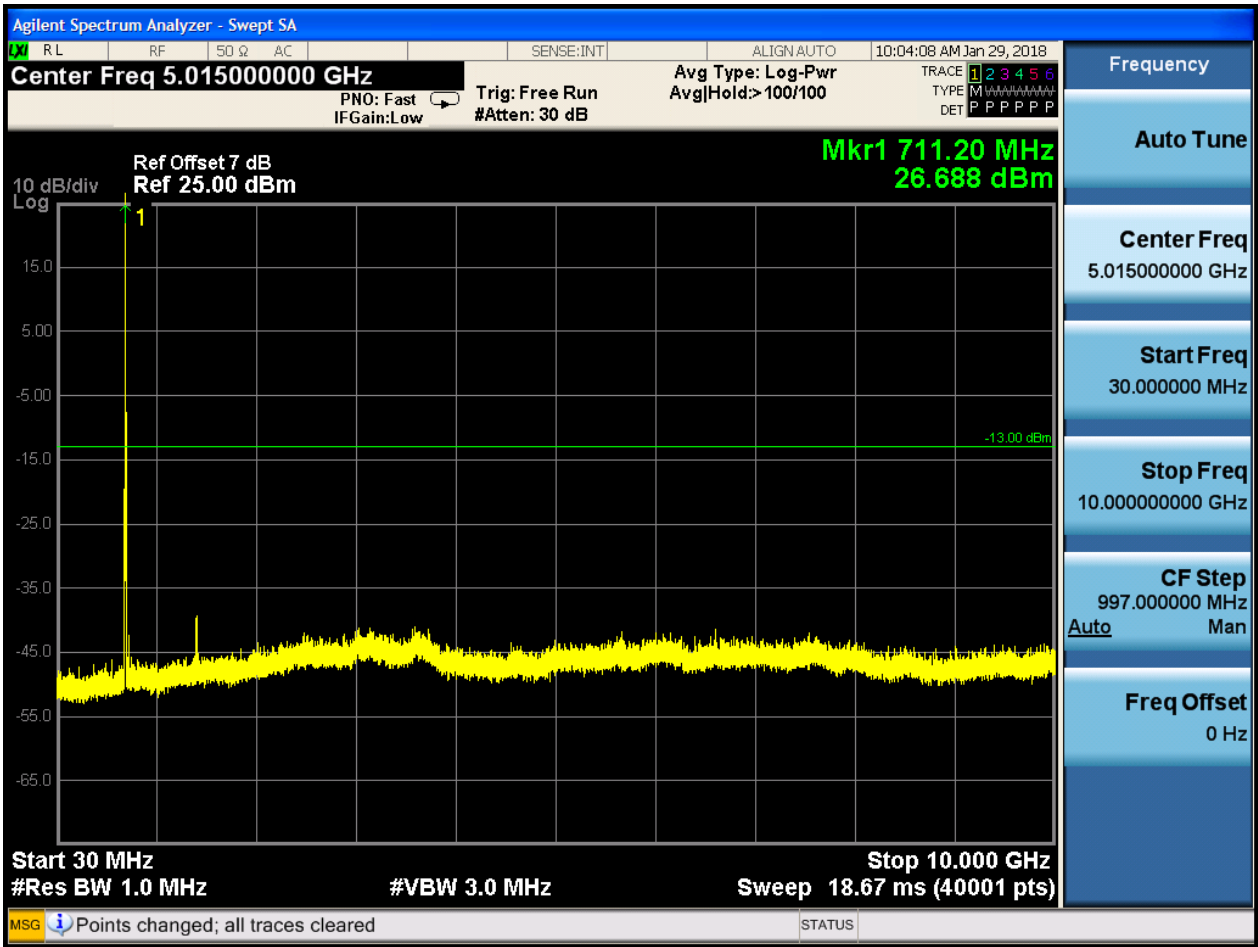


6.1.1.1.3 Test Channel = HCH

6.1.1.1.3.1 Test RB = RB1#0





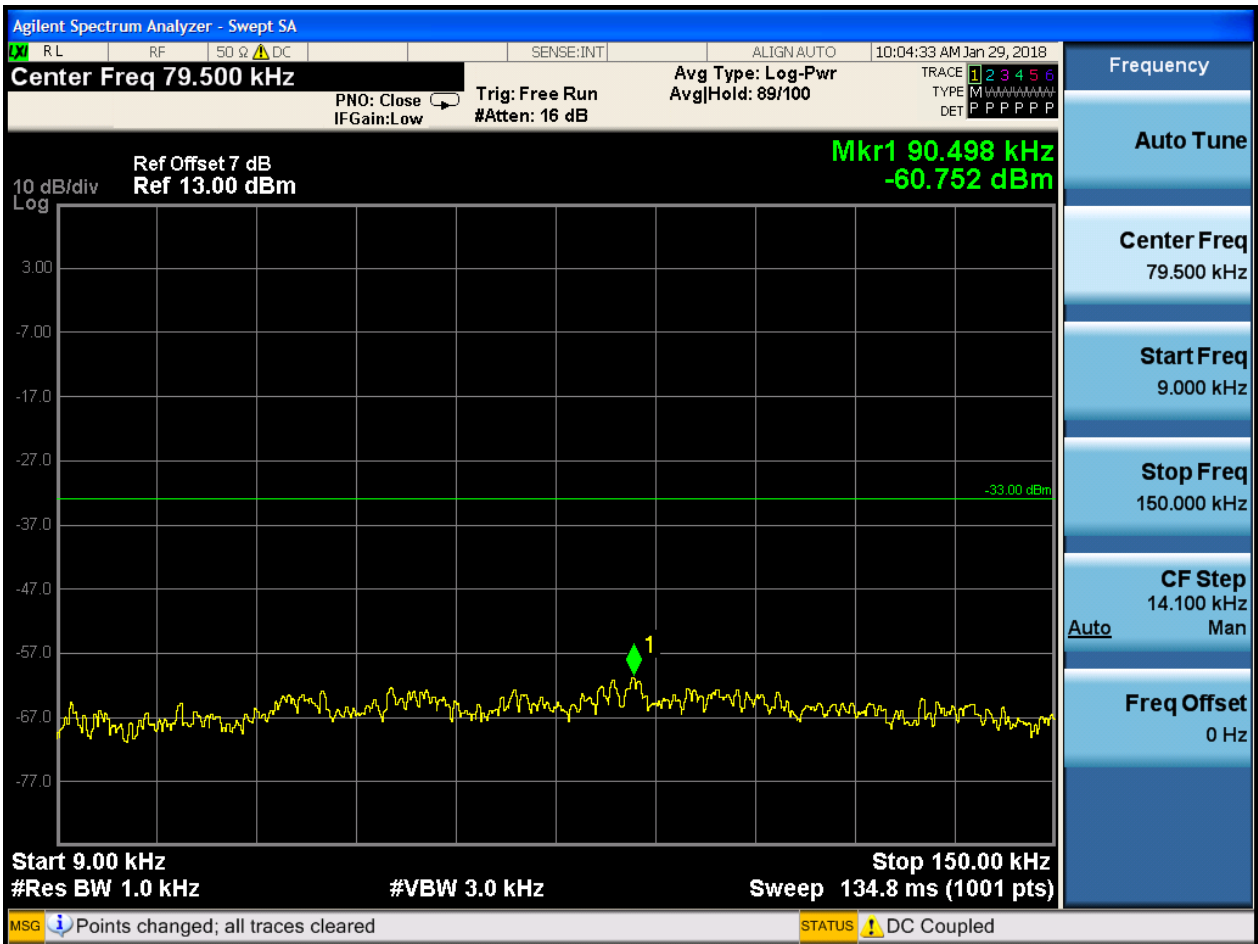


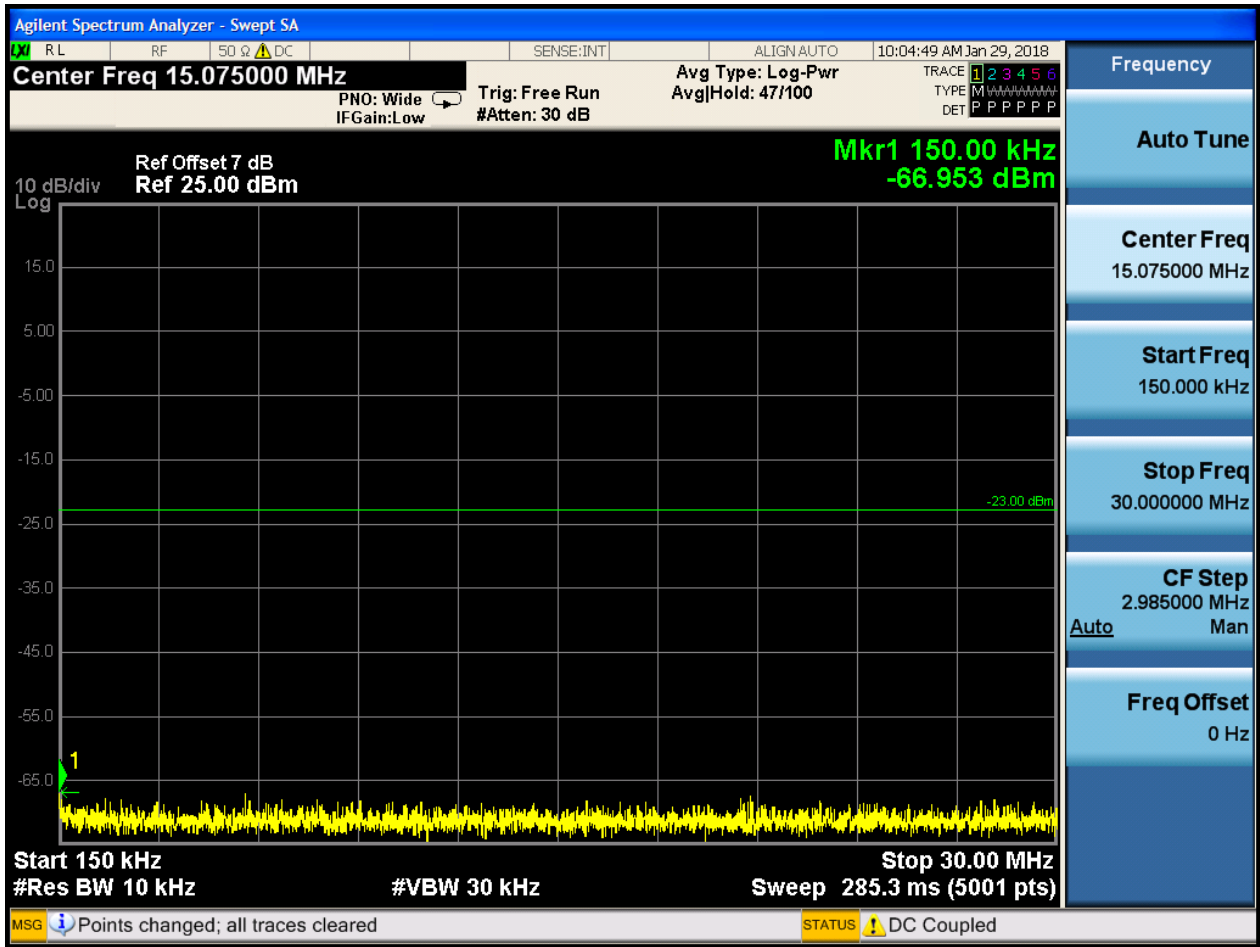


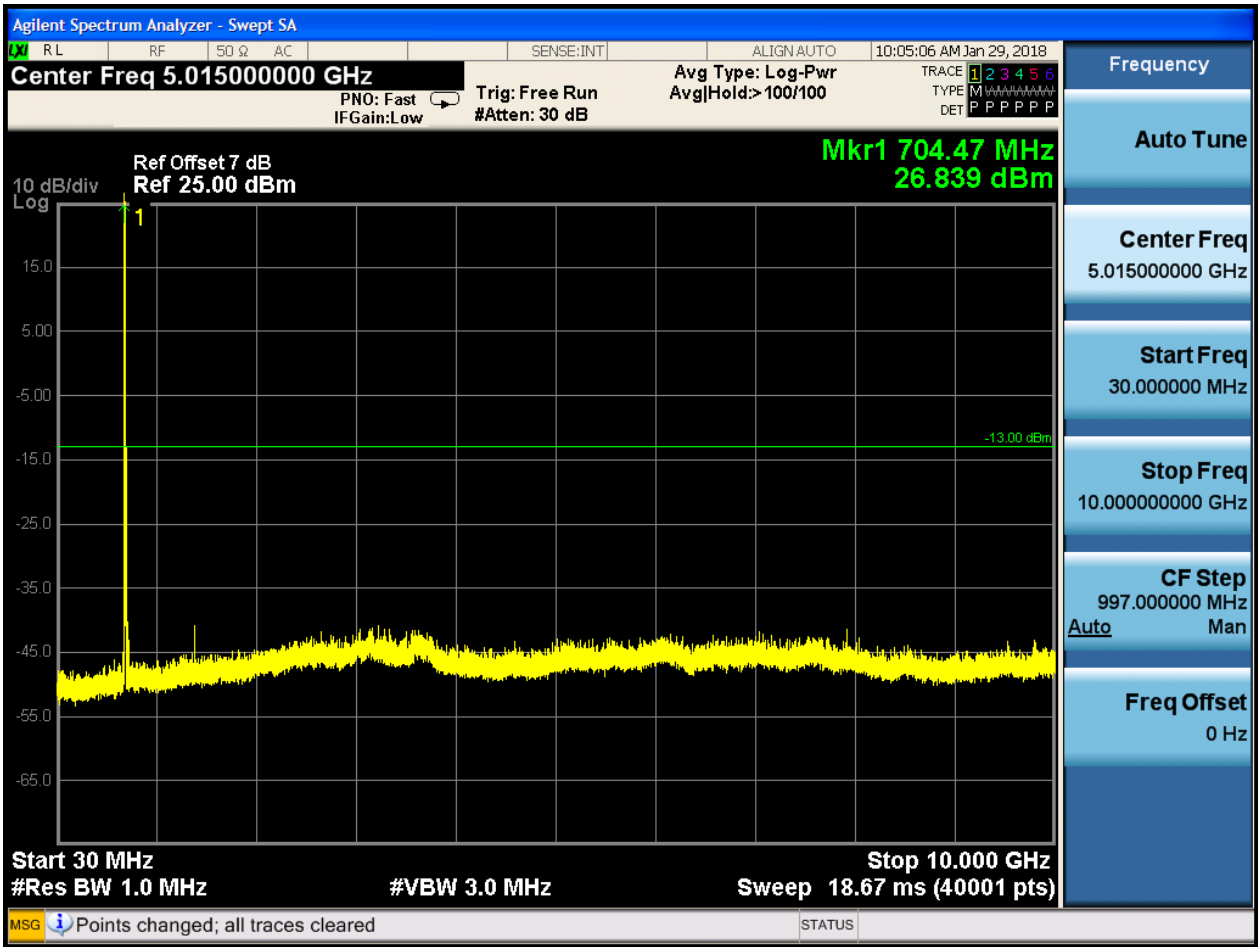
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0





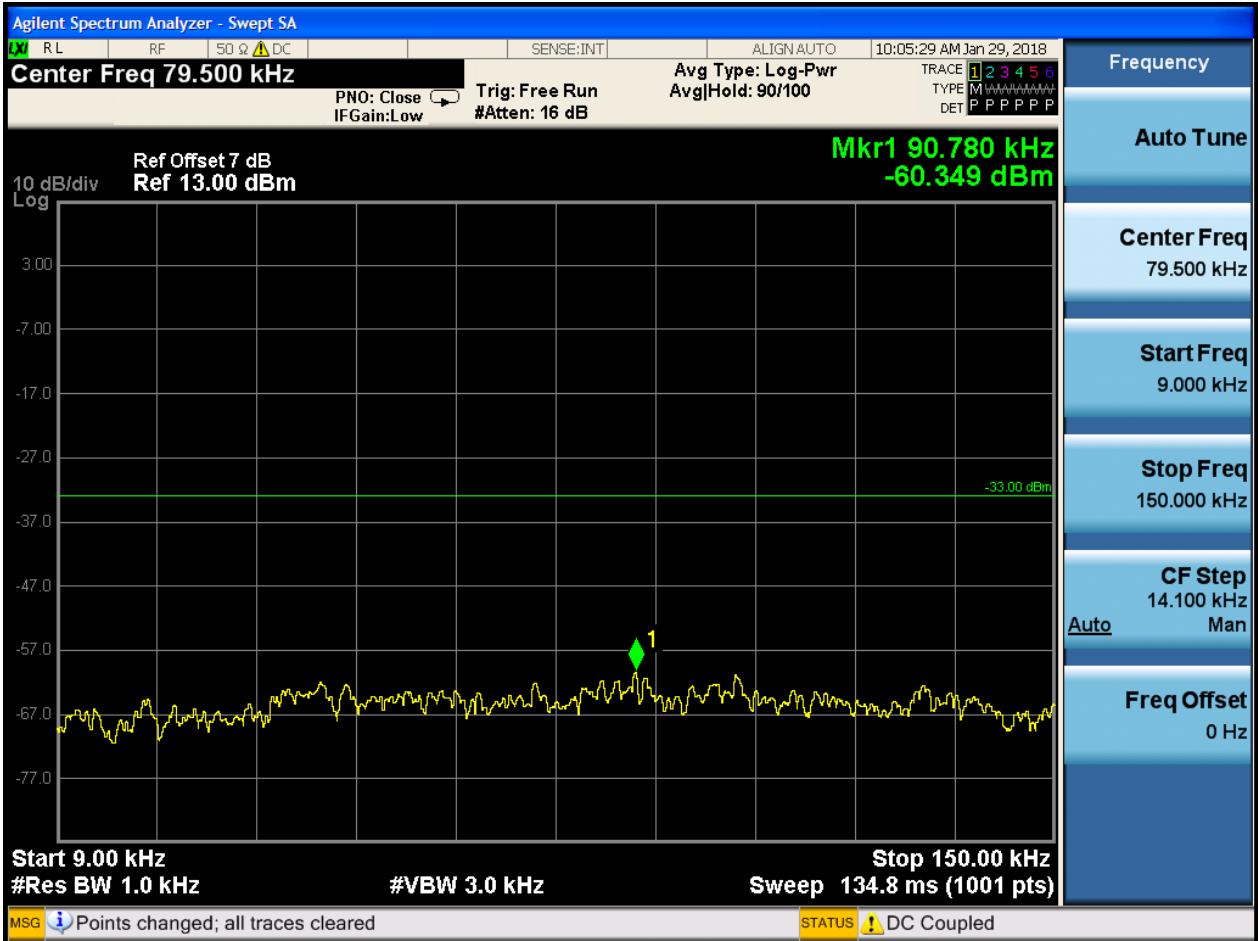




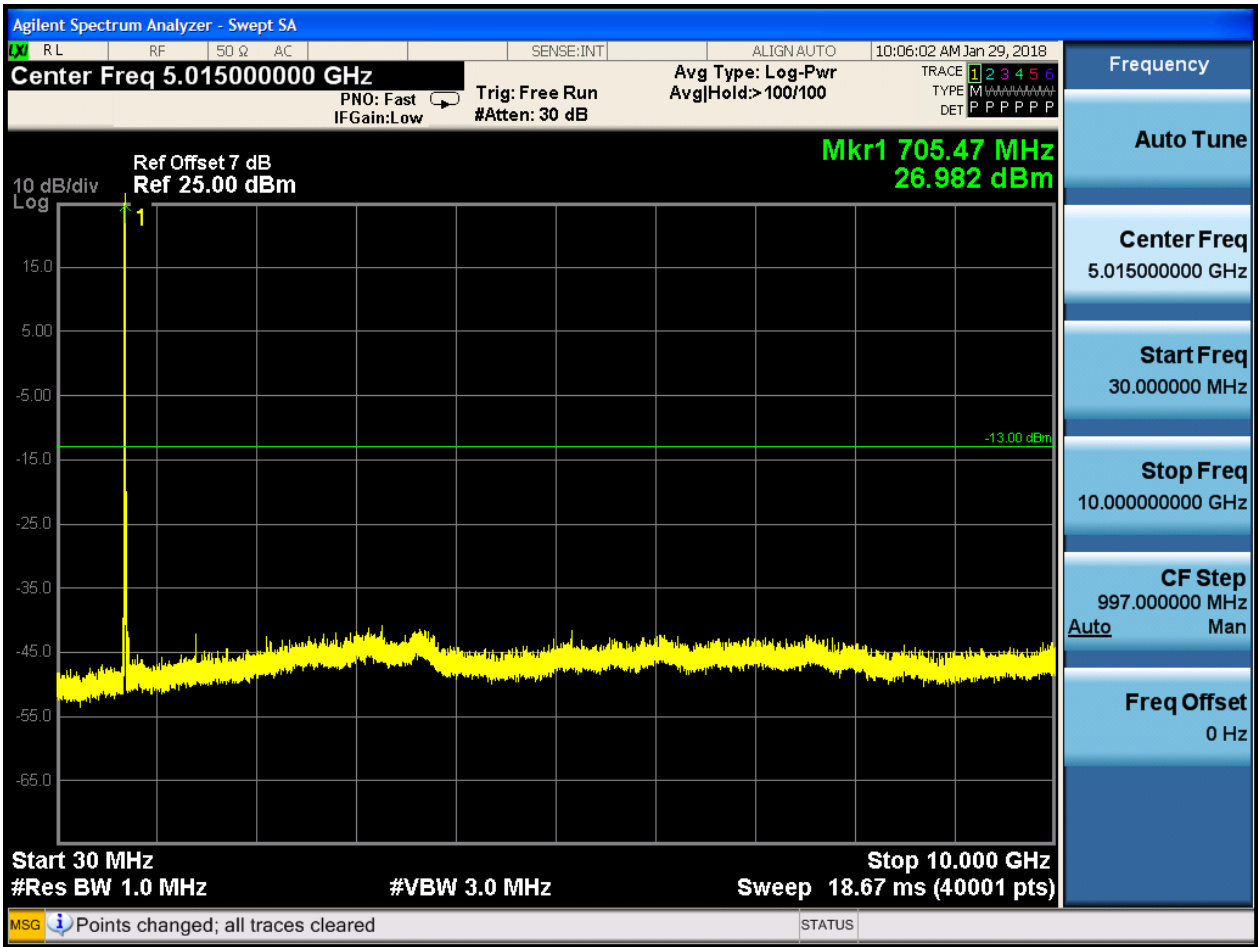


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



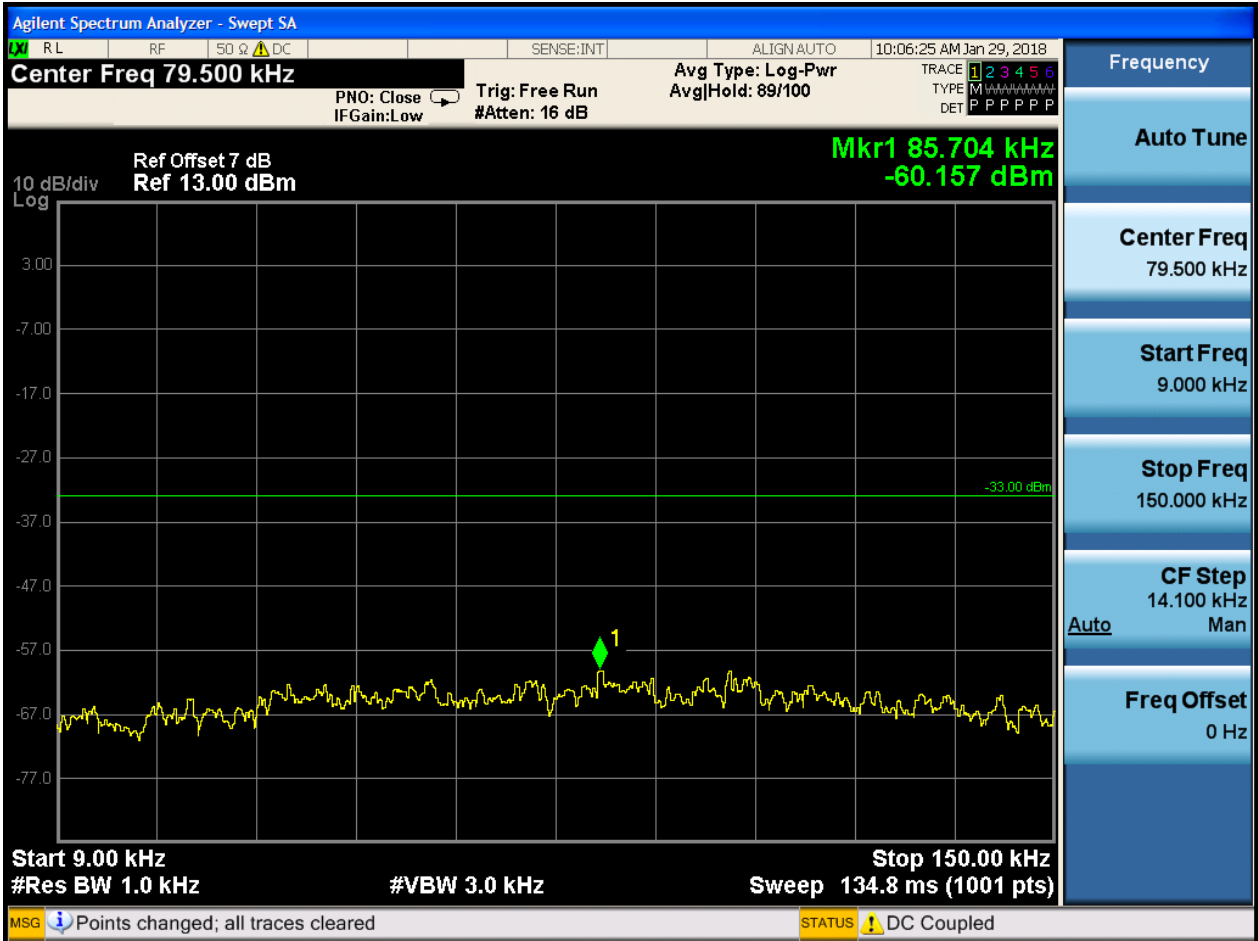


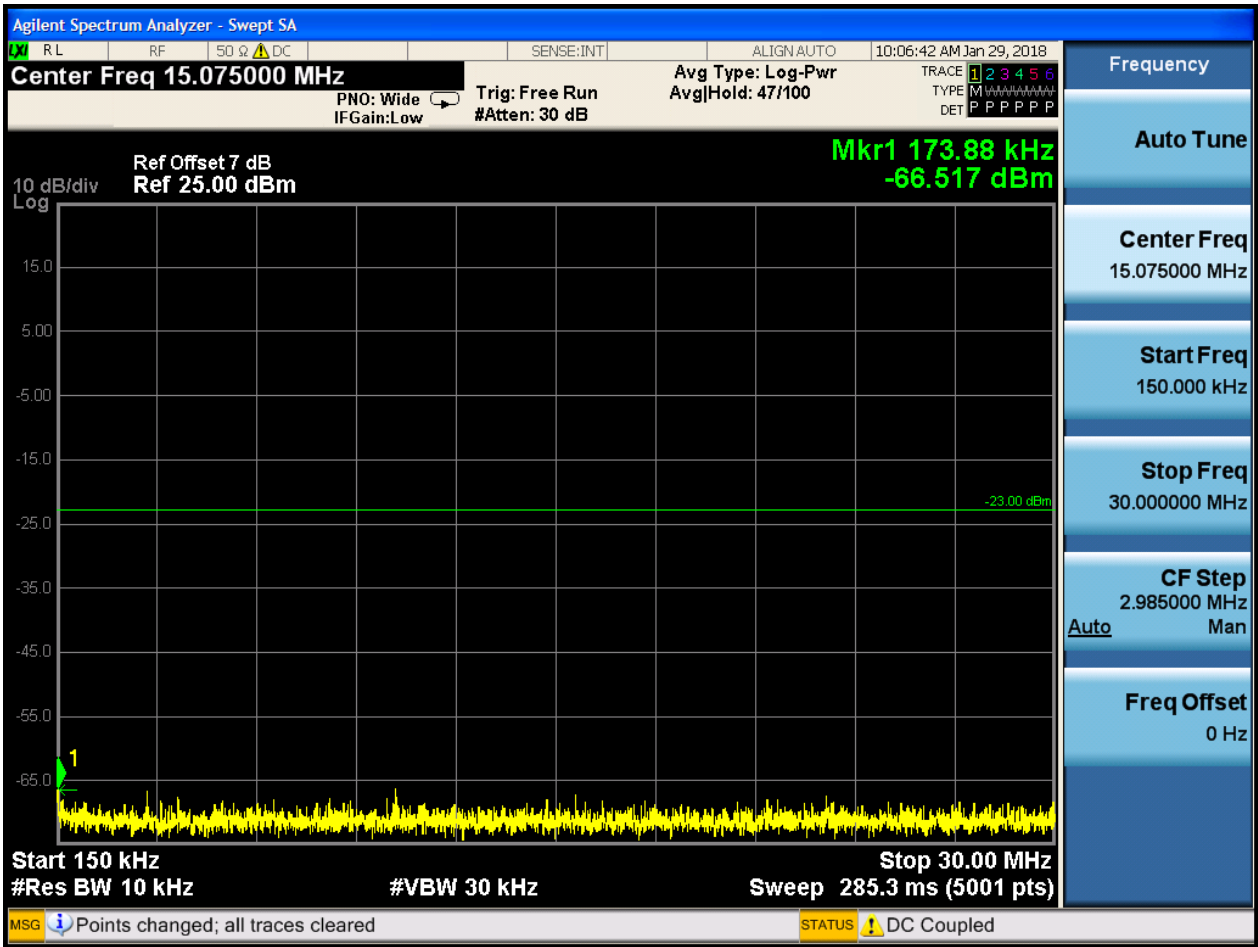


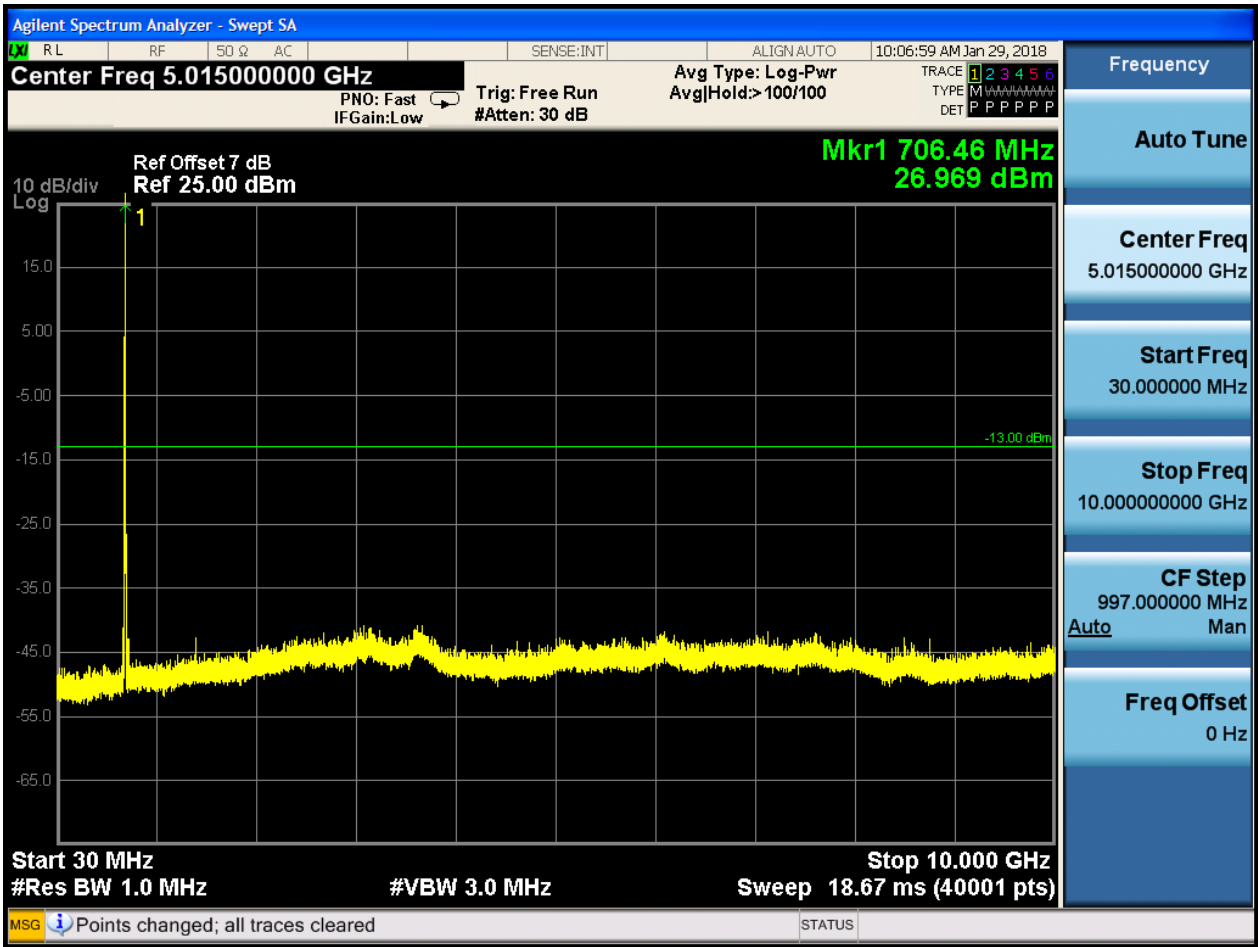


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







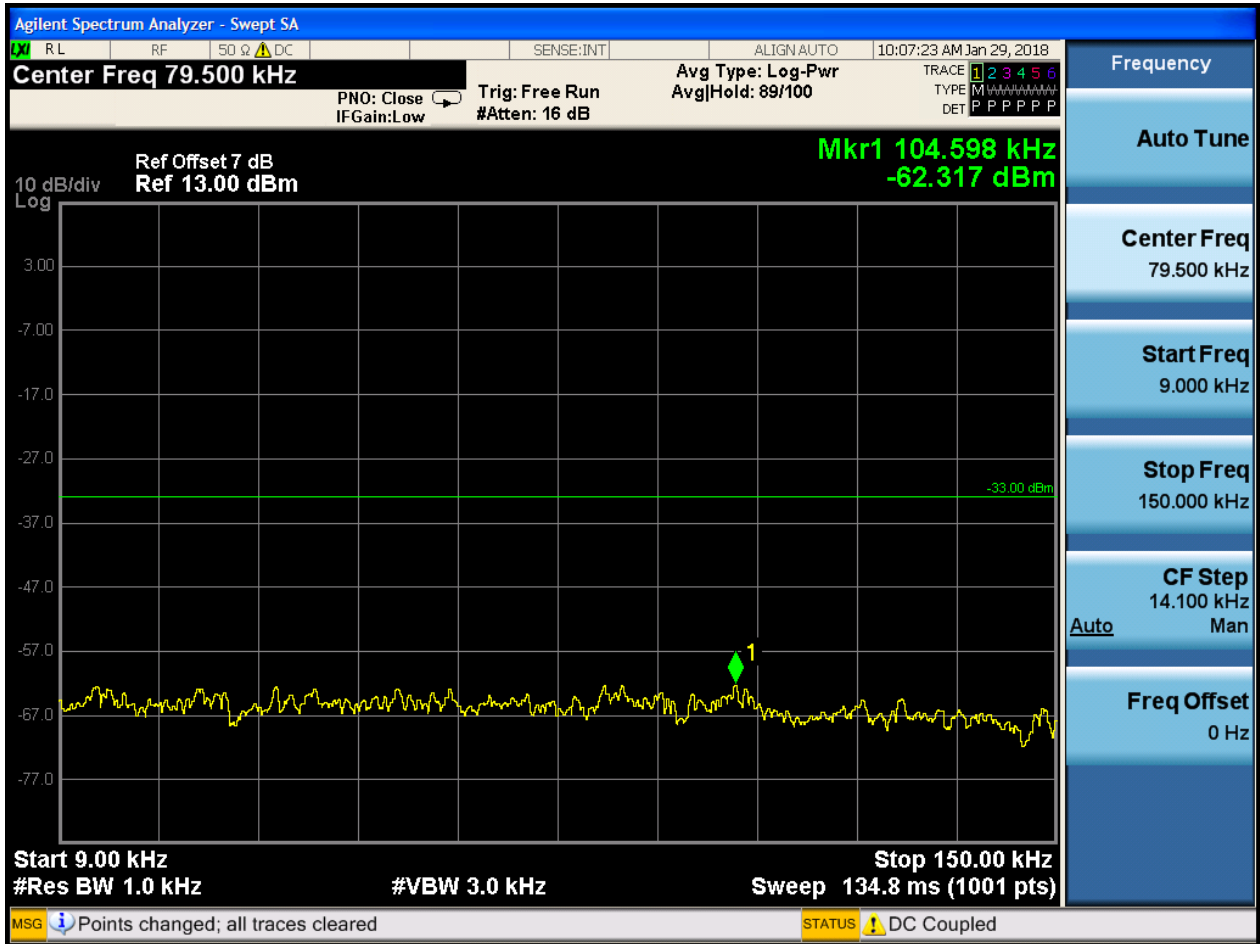


6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 5

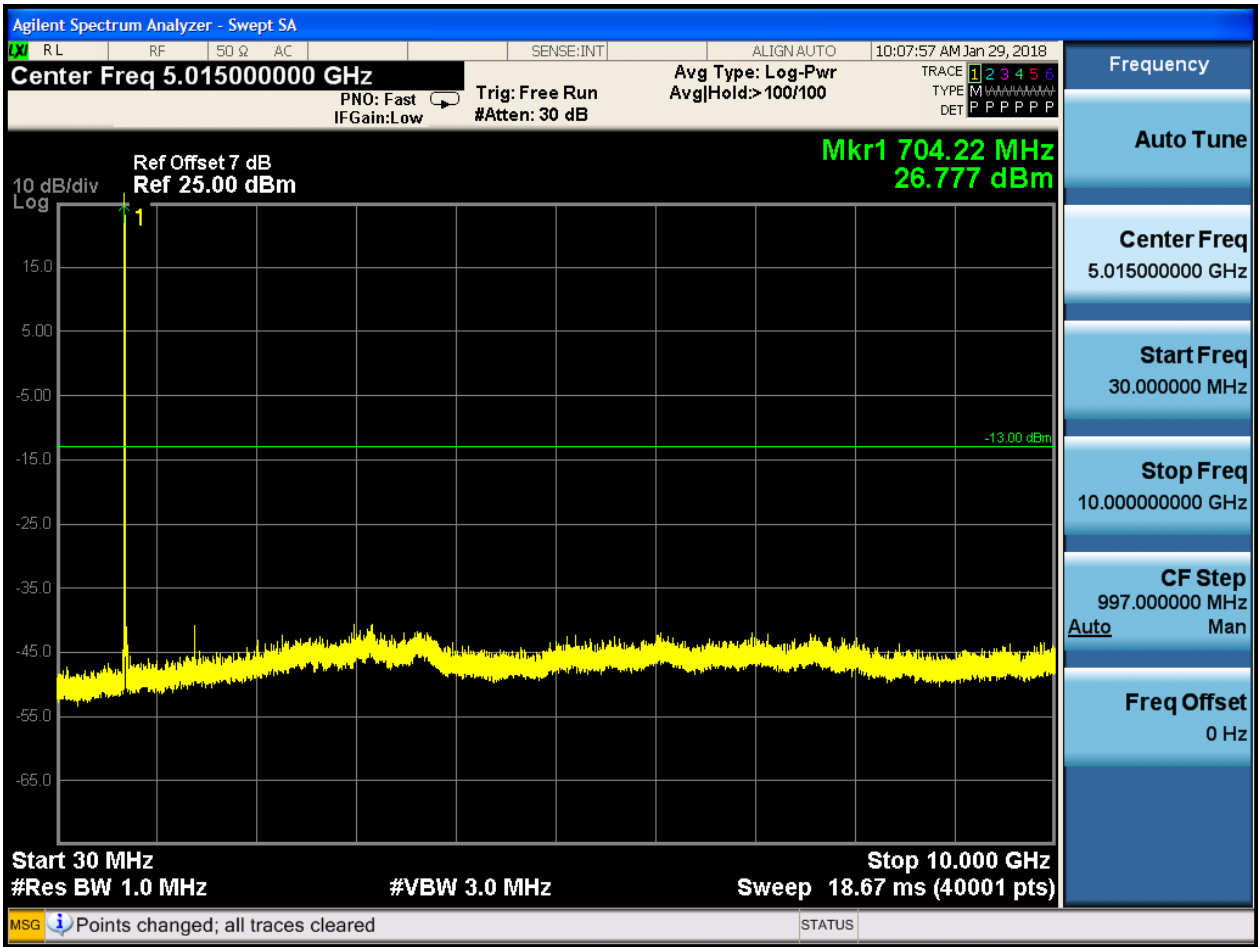
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0





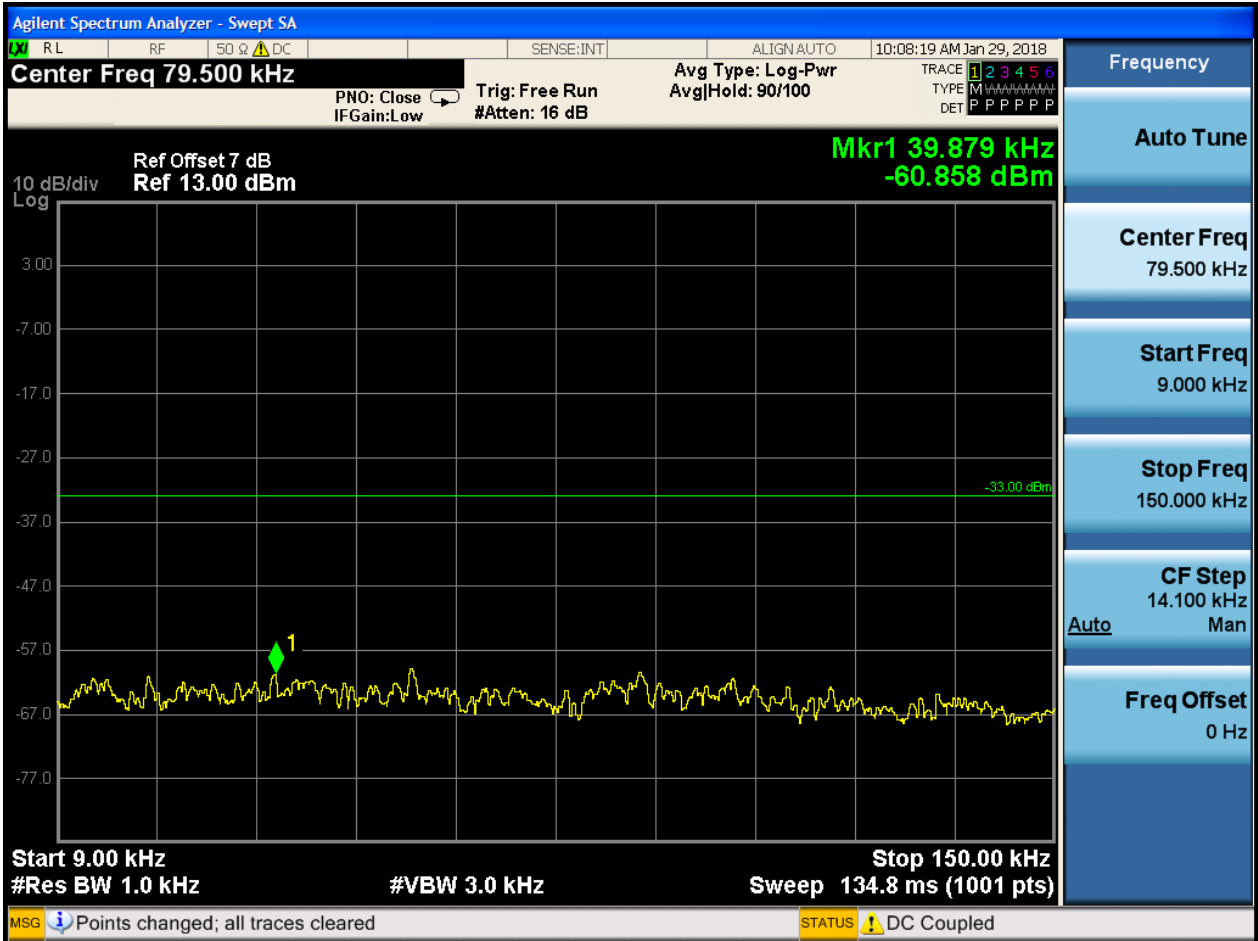




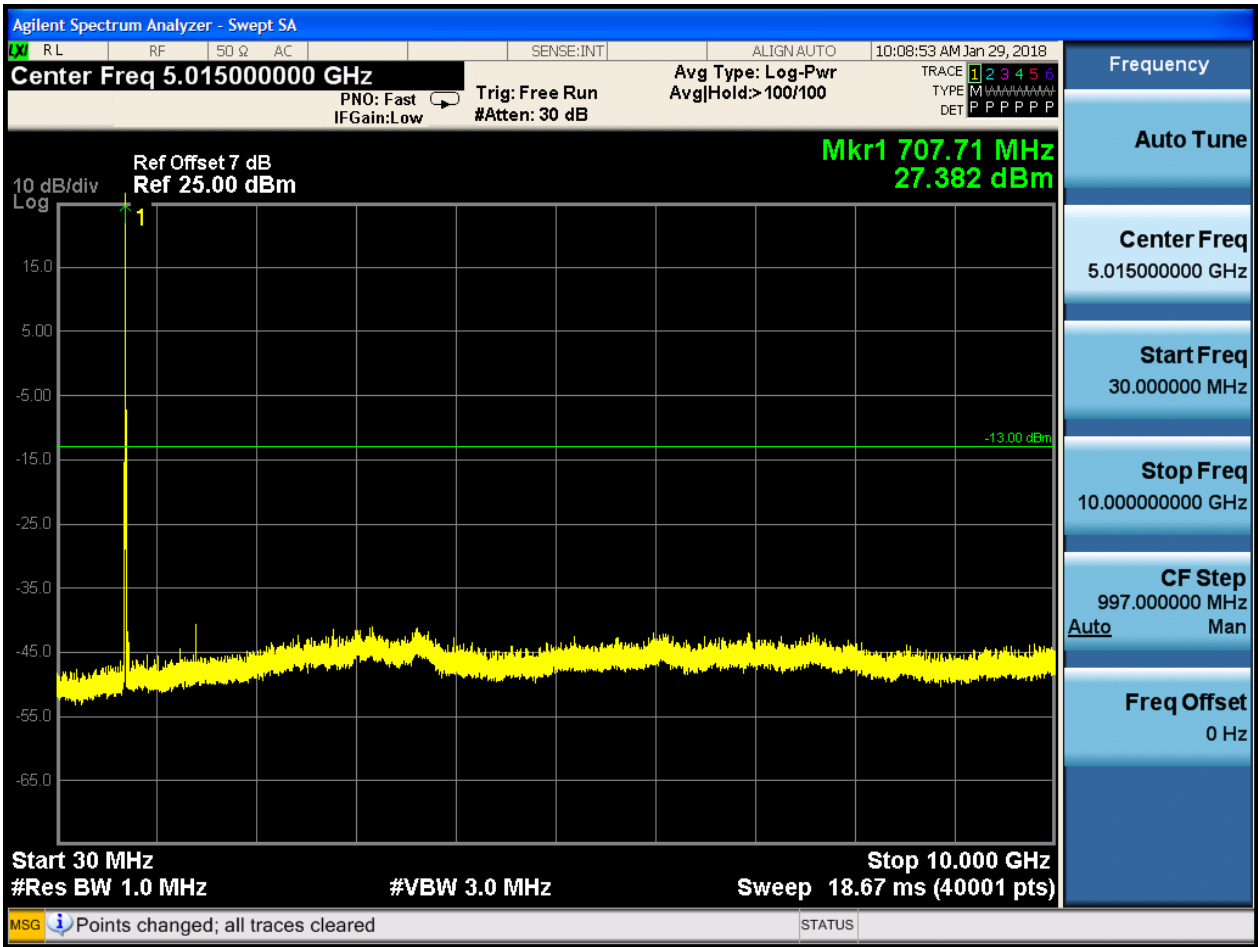


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



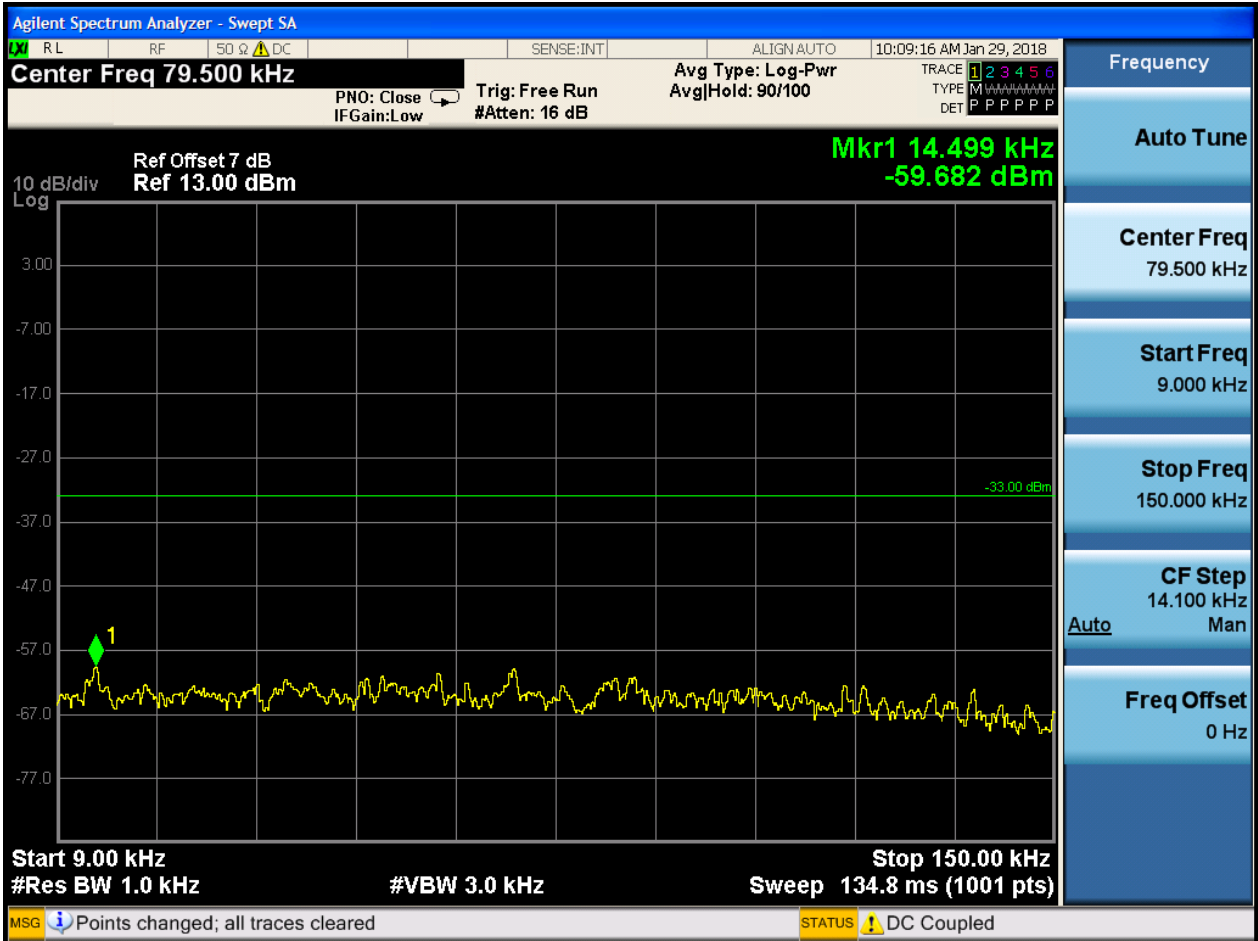




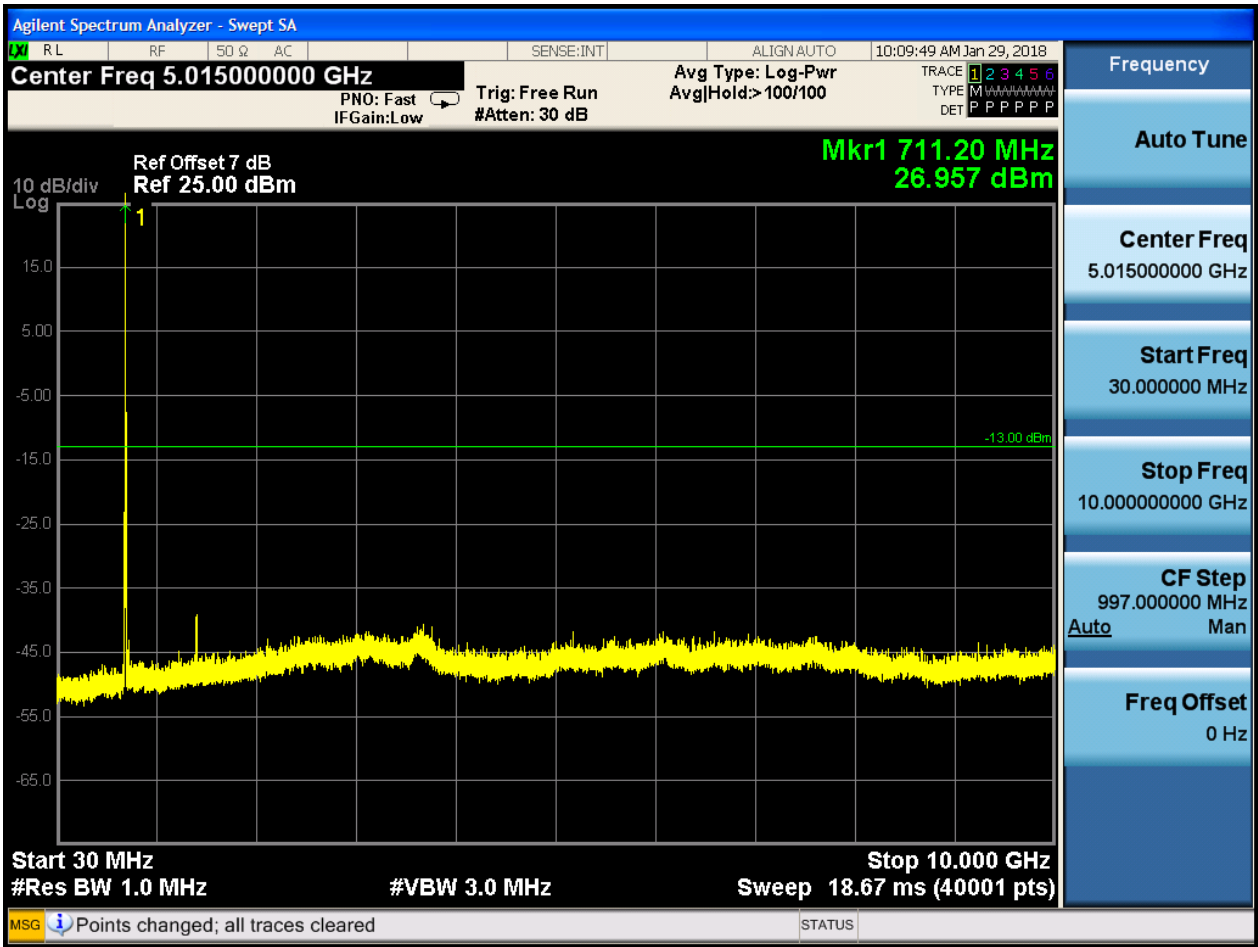


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





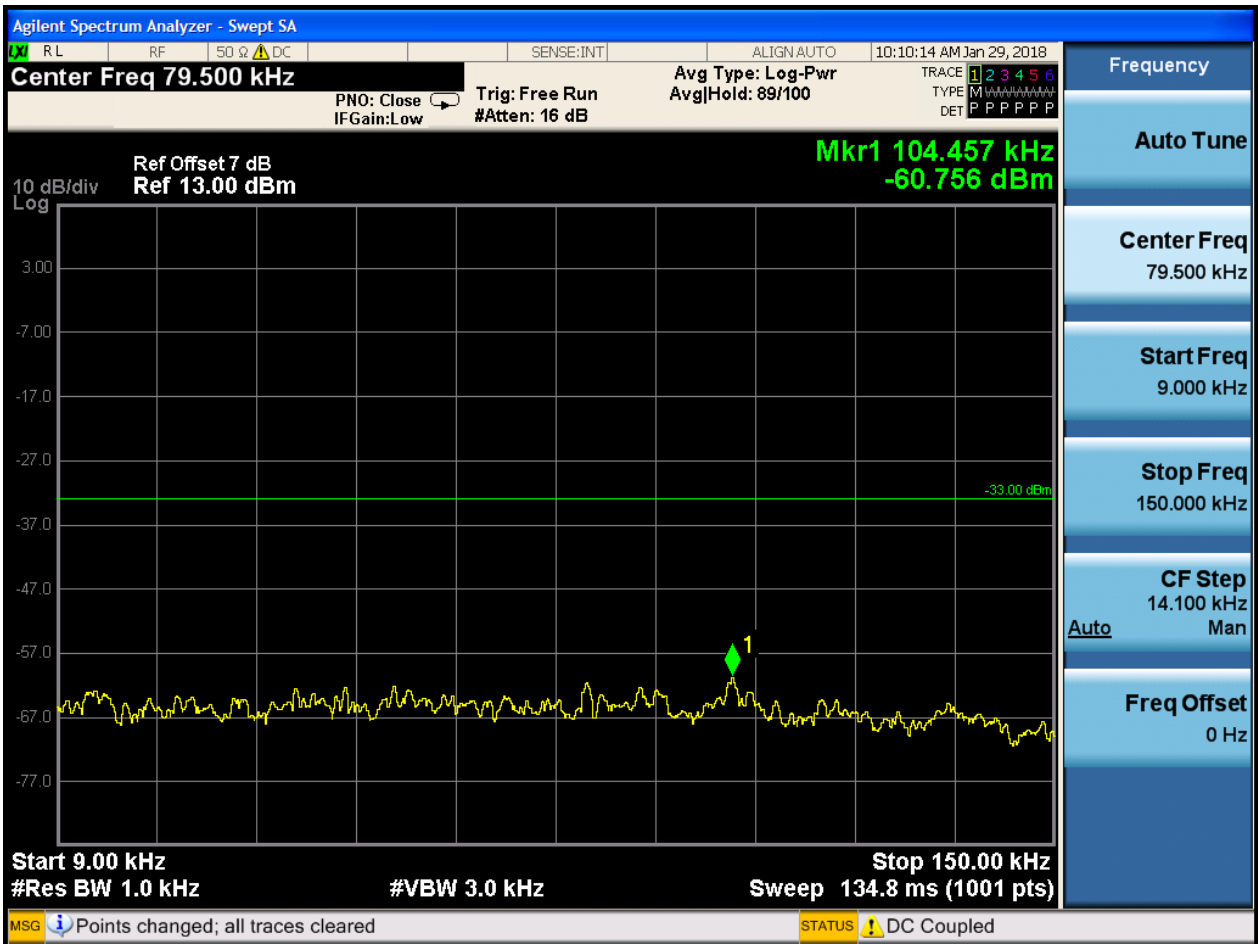




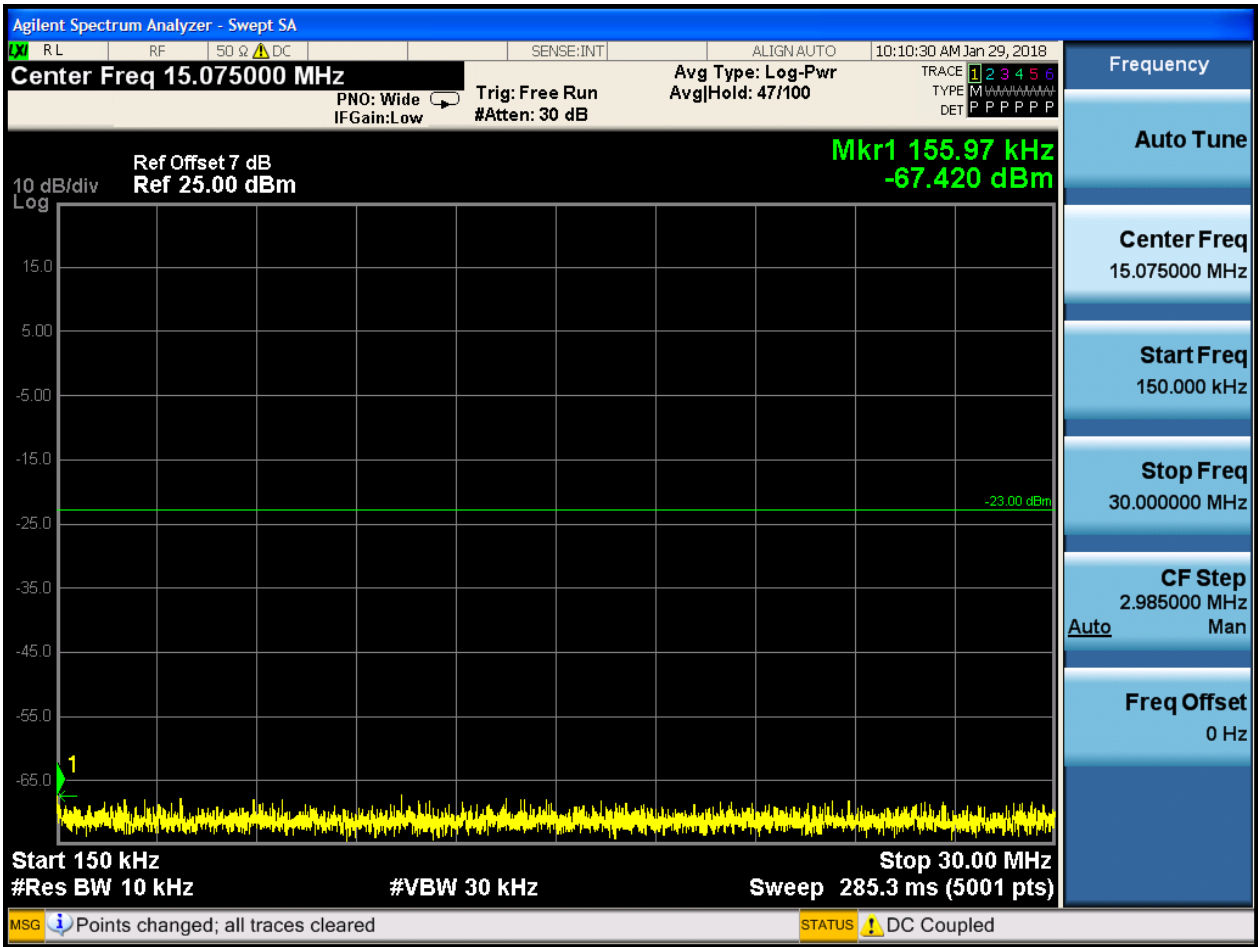
6.1.1.2.2 Test Bandwidth = 10

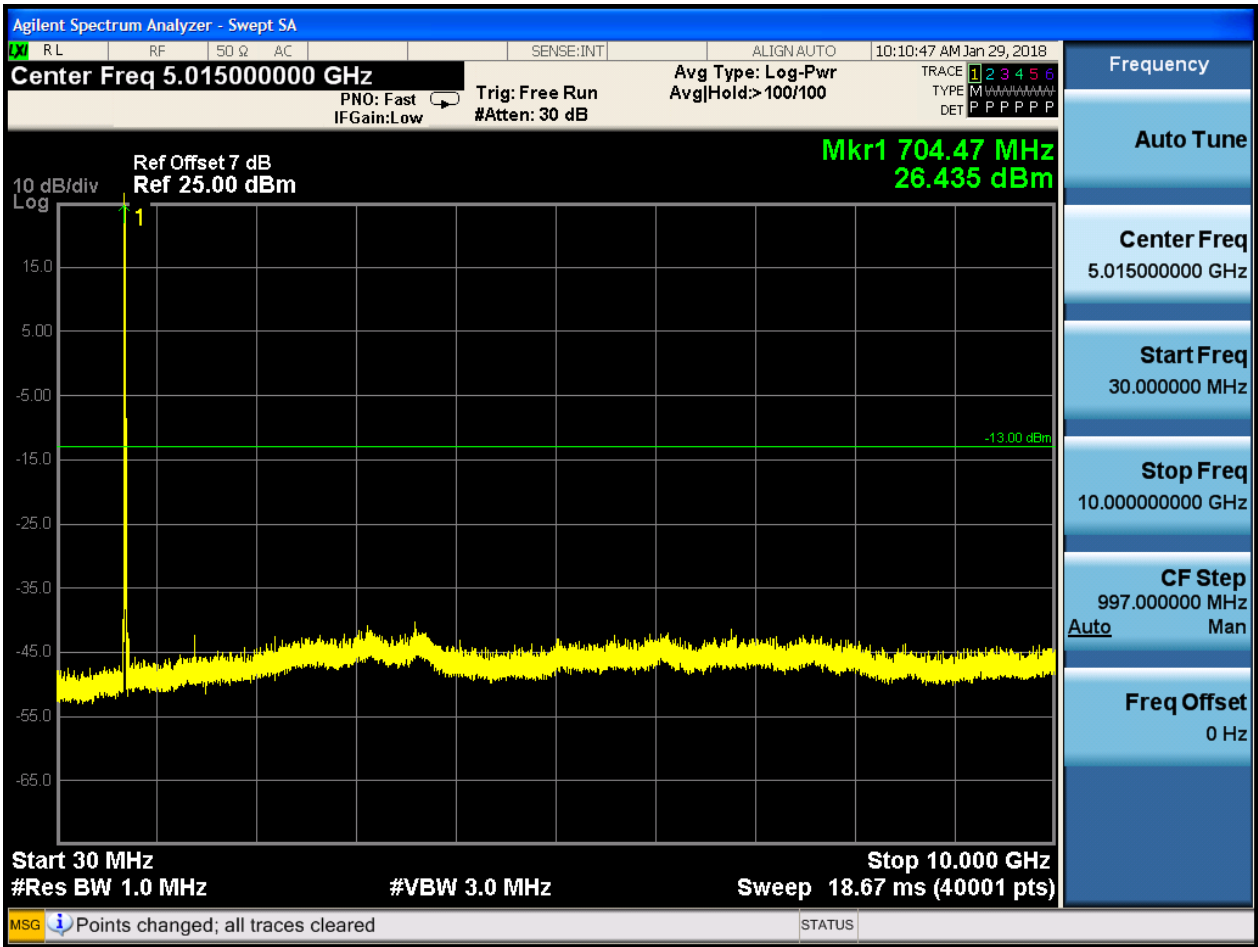
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0





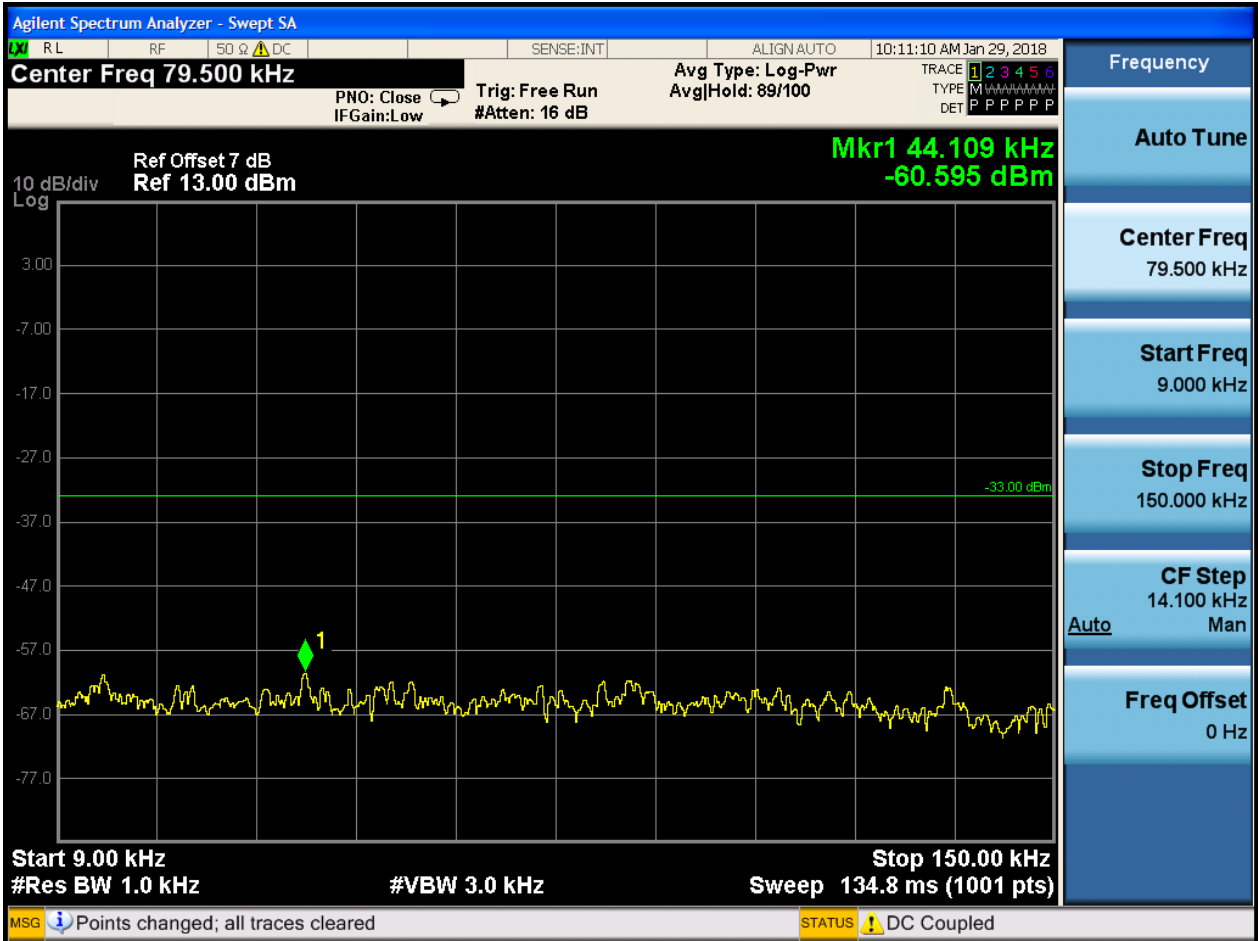




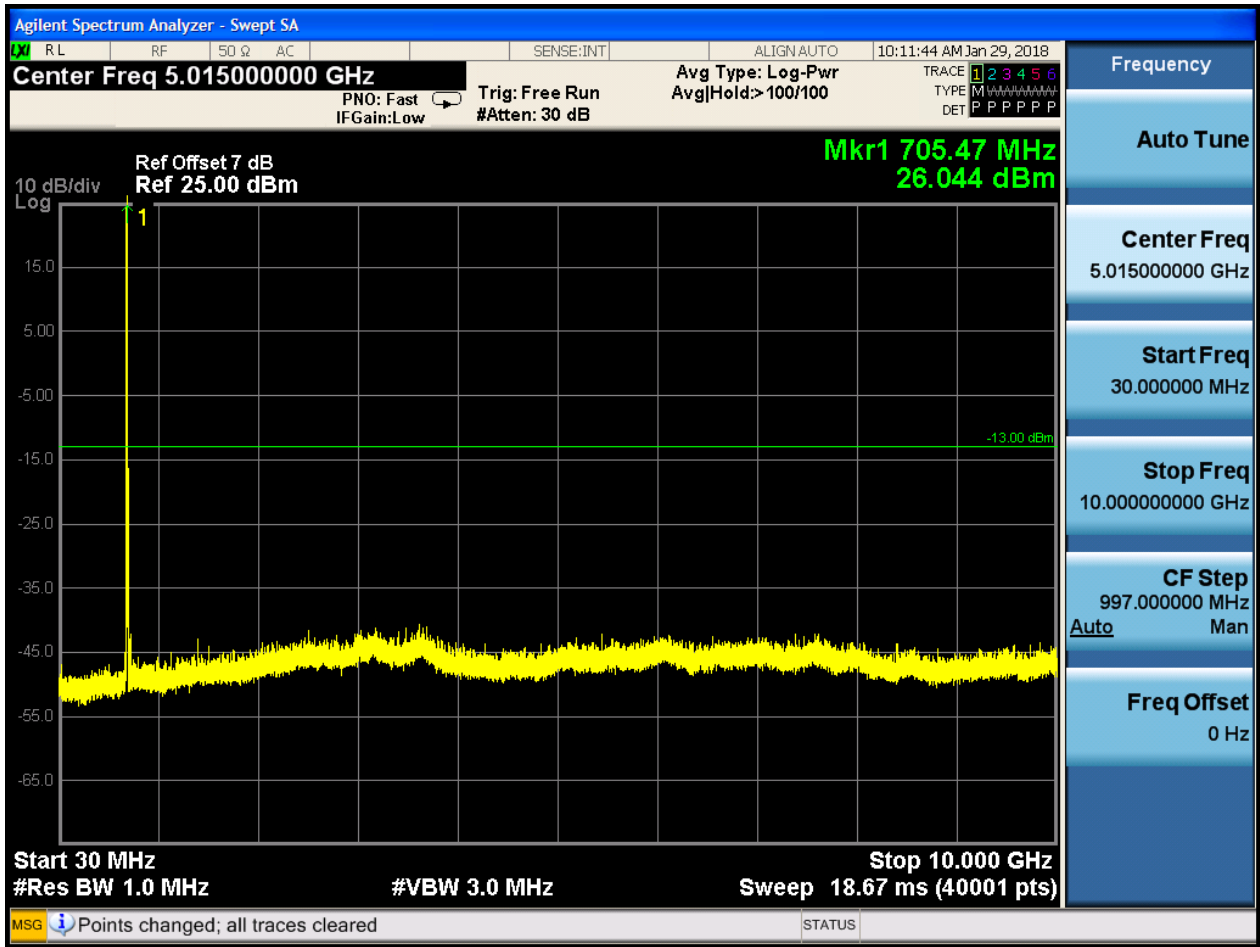


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



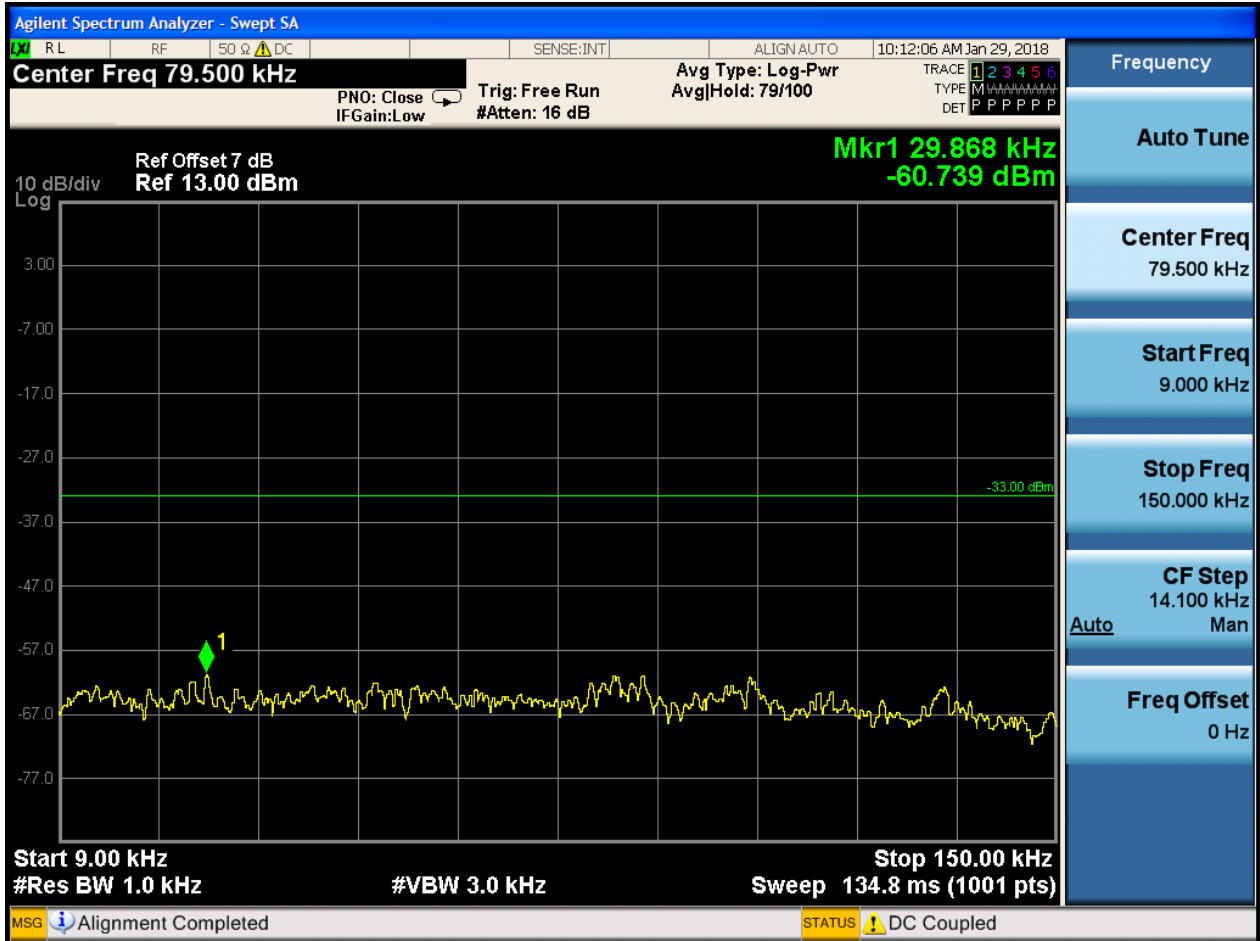




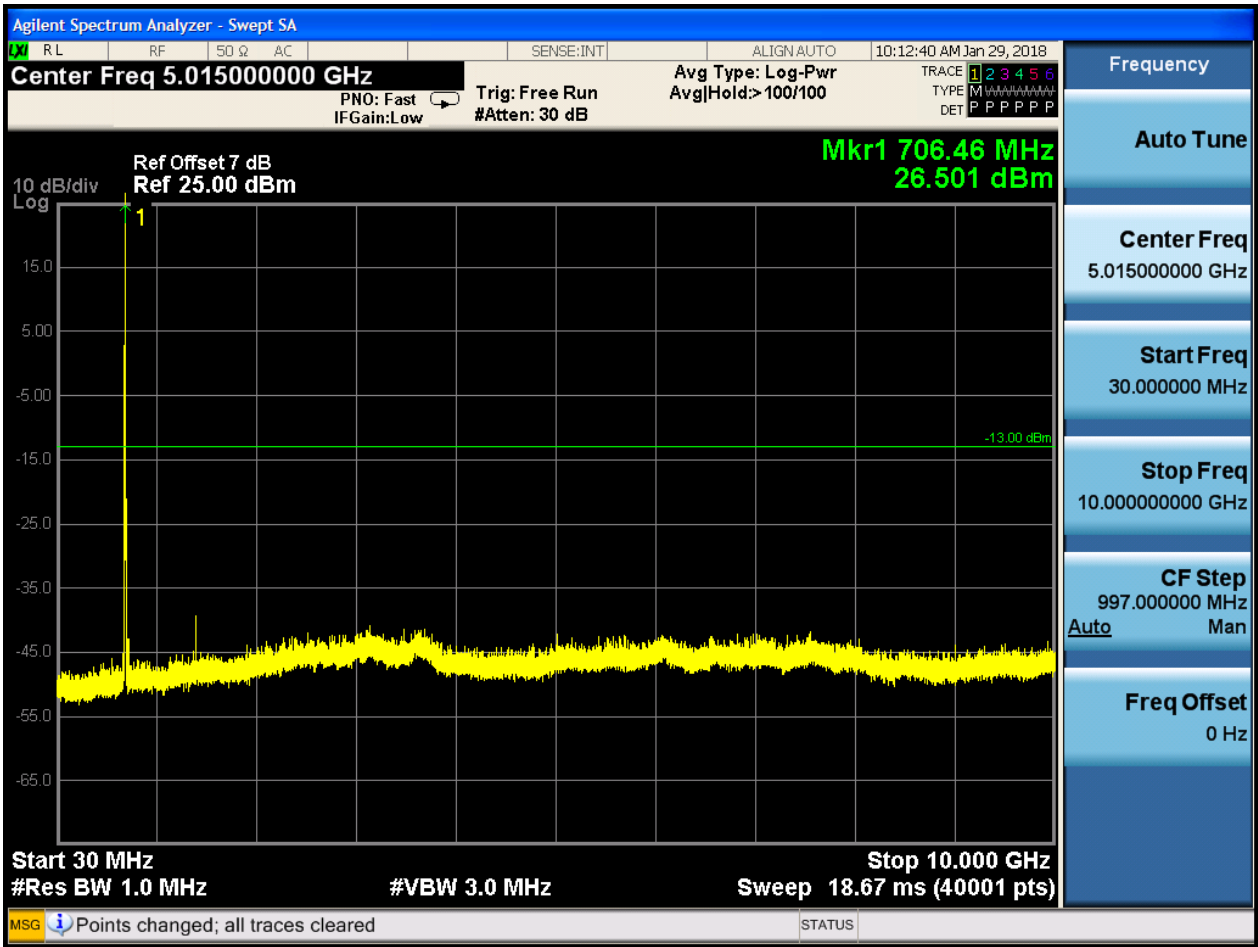


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0











## 6Appendix\_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

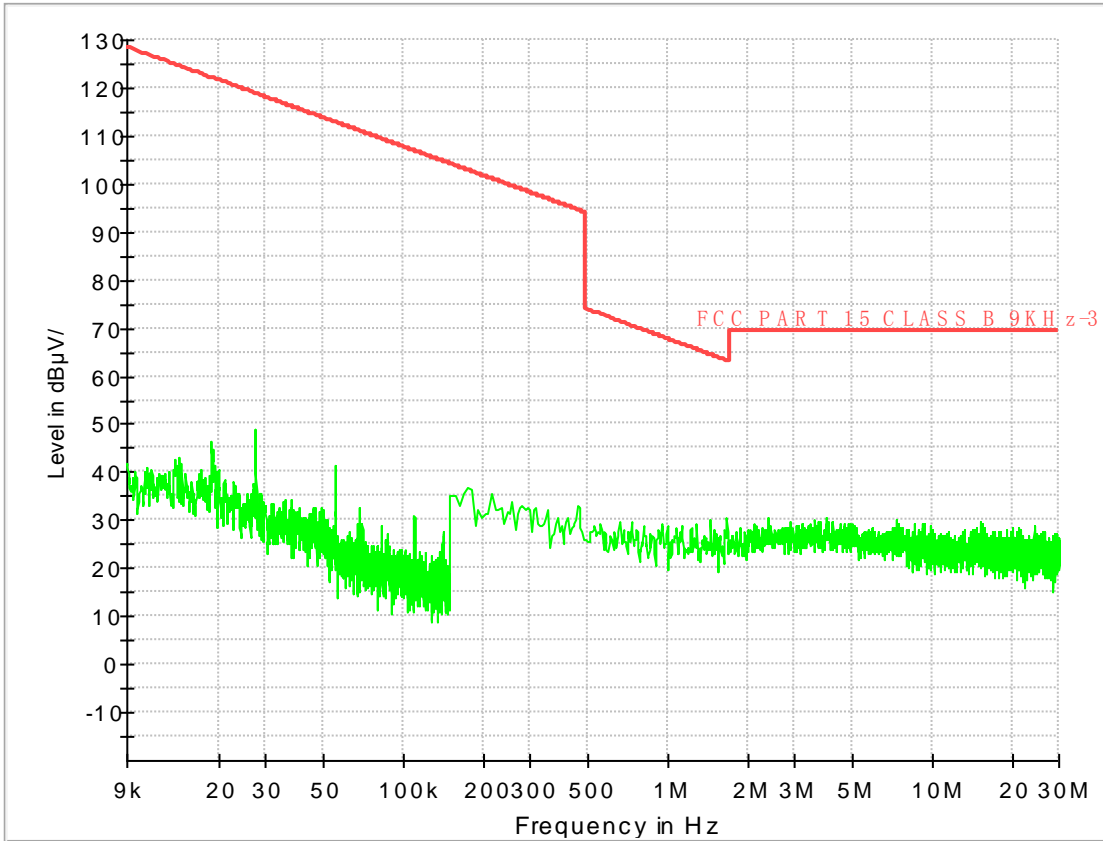
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

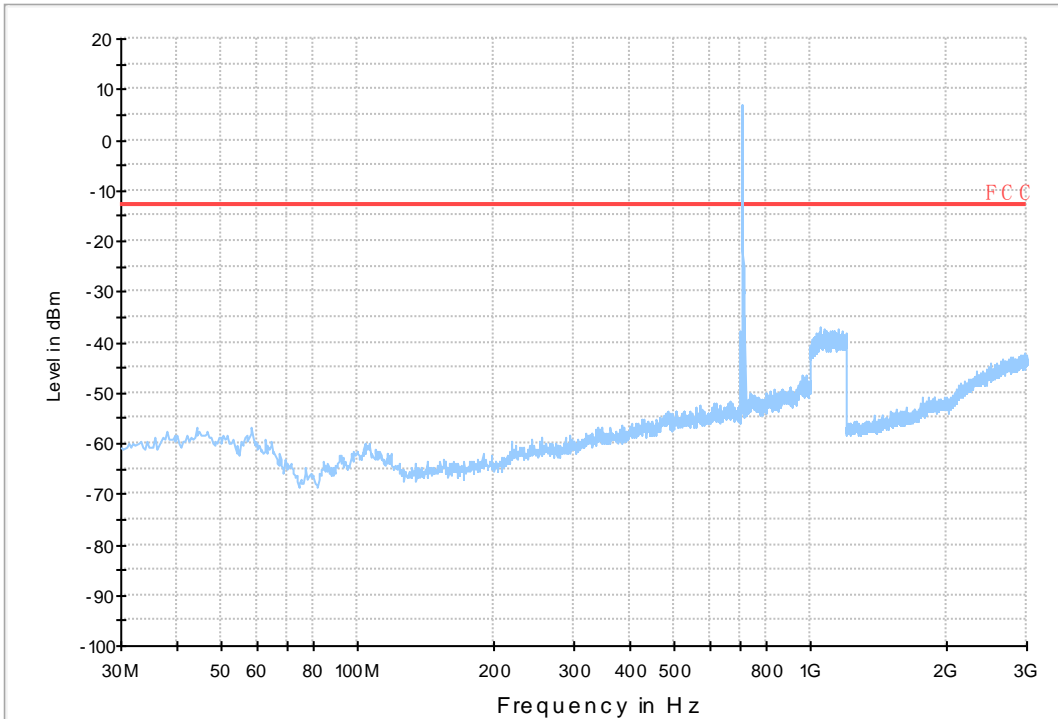
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND17\_ANT1

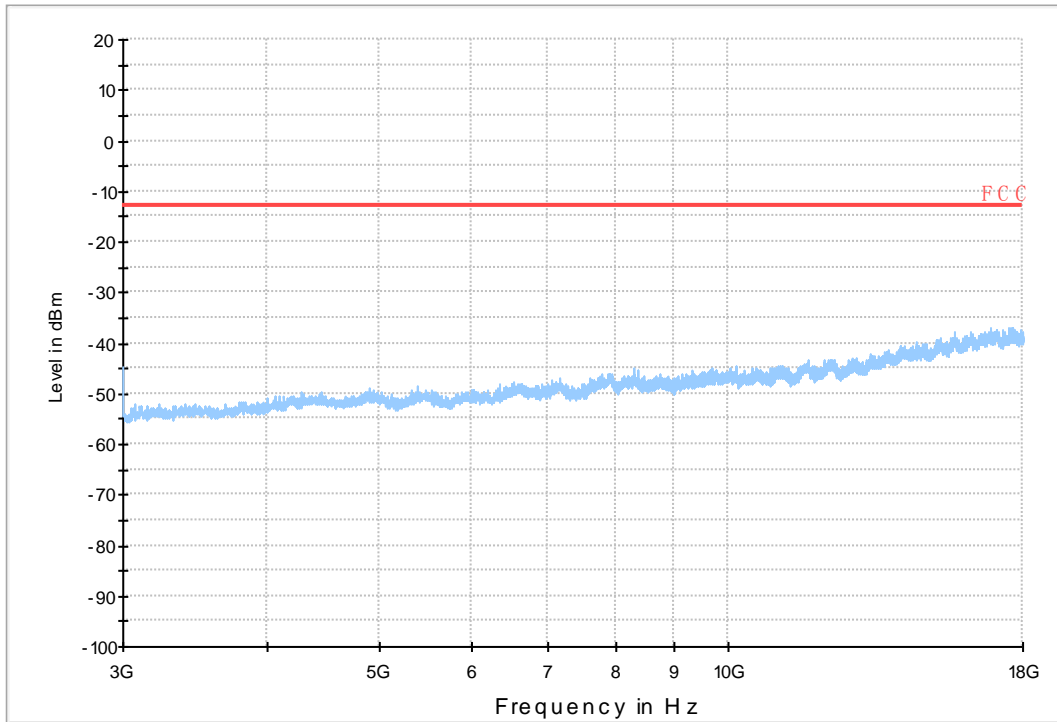
##### 7.1.1.1 Test Bandwidth = 5



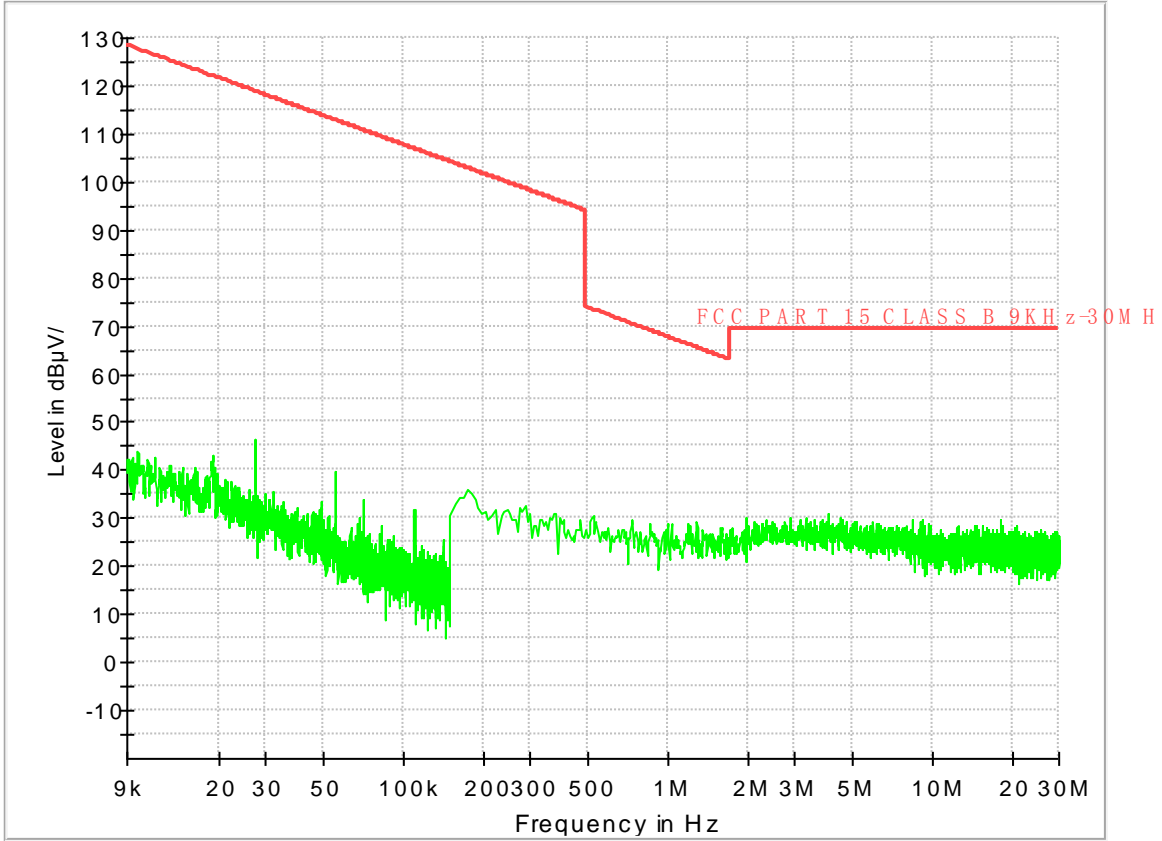
Copy of RSE-TX-DIRECTOR BELOW 1G\_L



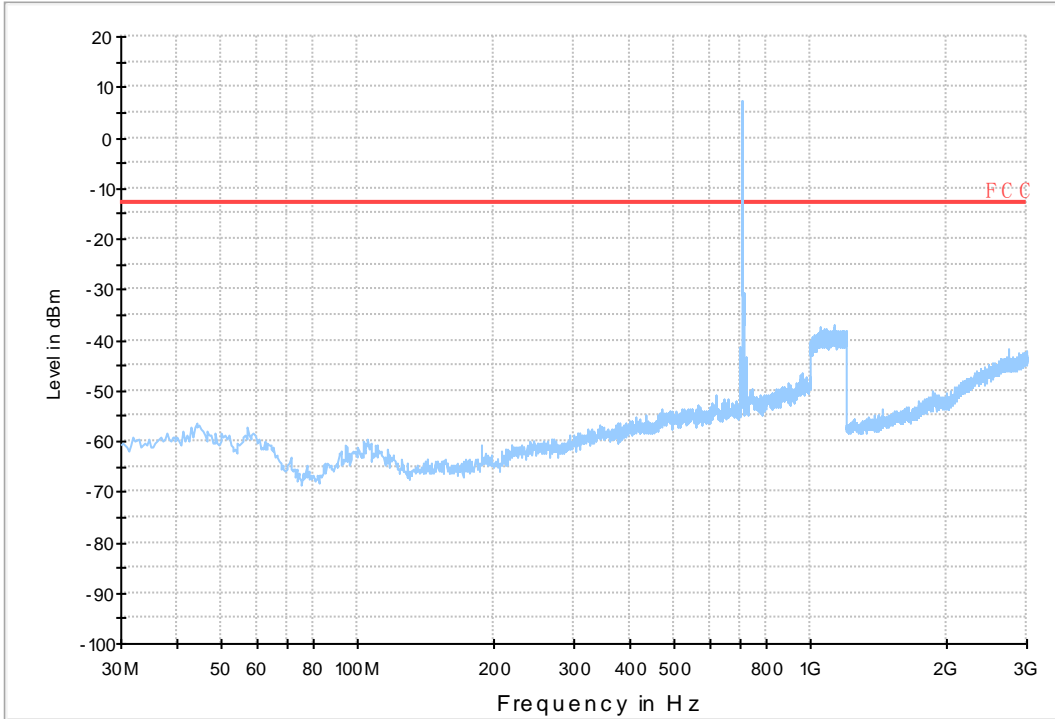
Copy of RSE-TX-DIRECTOR BELOW 1G\_H



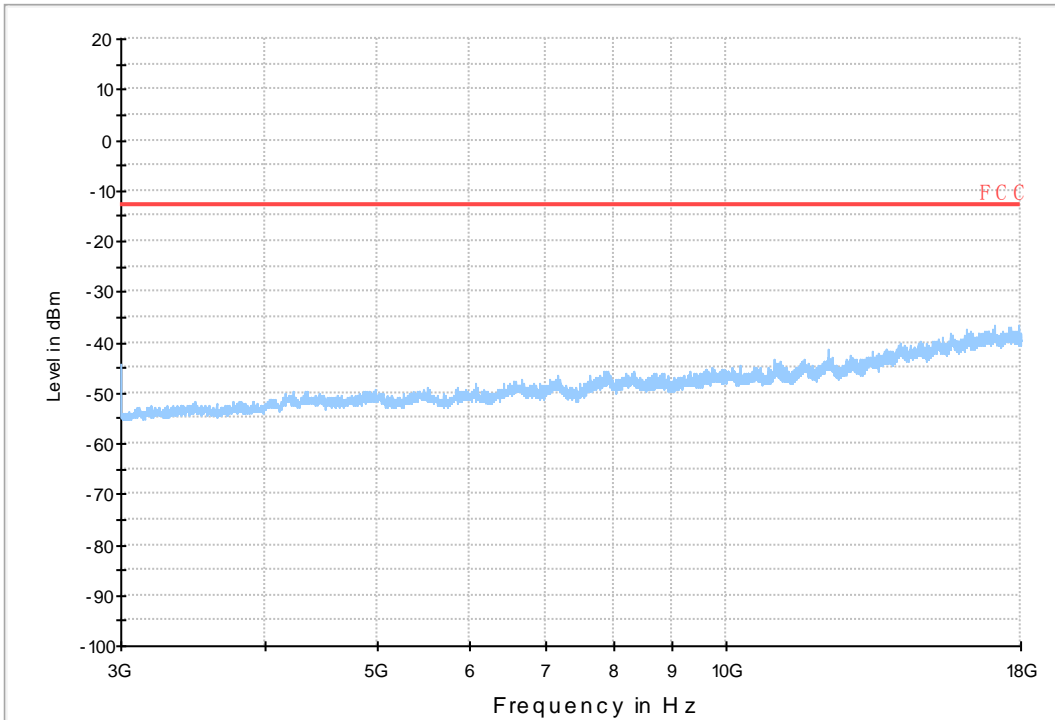
### 7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G\_L

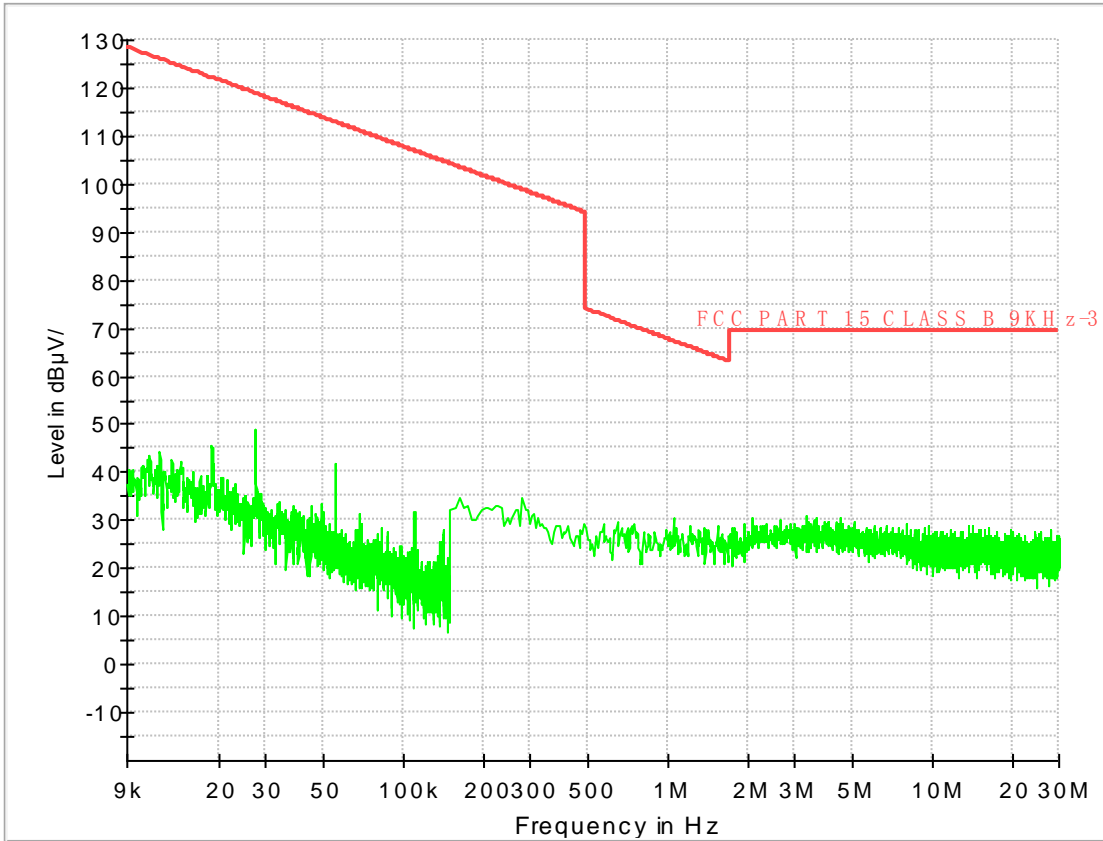


Copy of RSE-TX-DIRECTOR BELOW 1G\_H

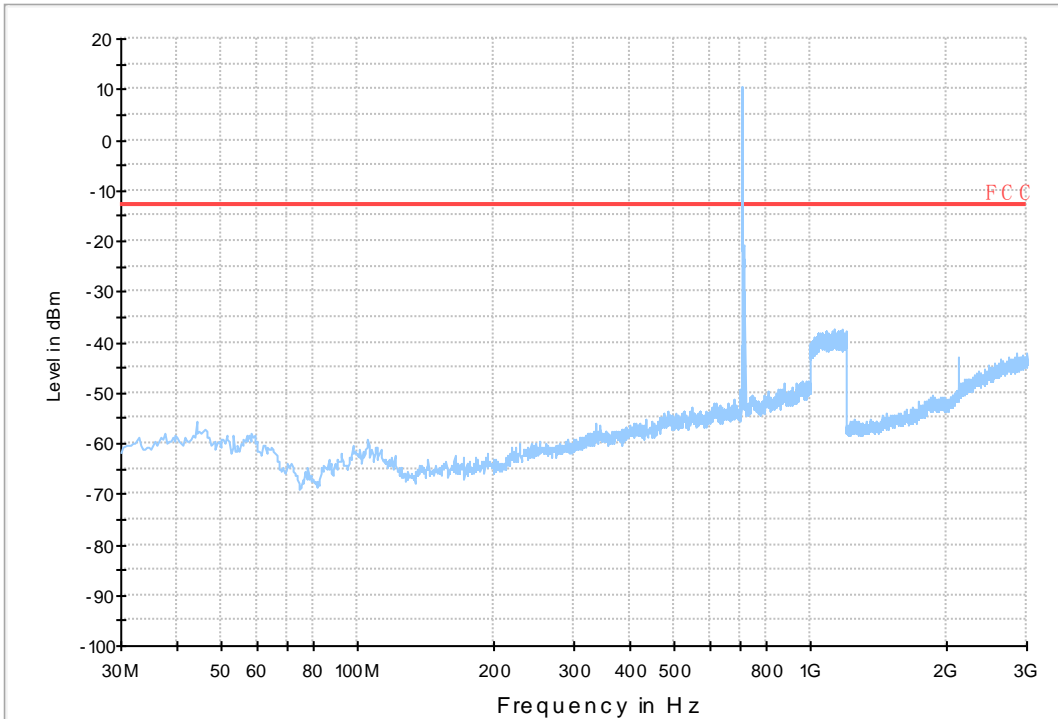


## 7.1.2 Test Band = BAND17\_ANT2

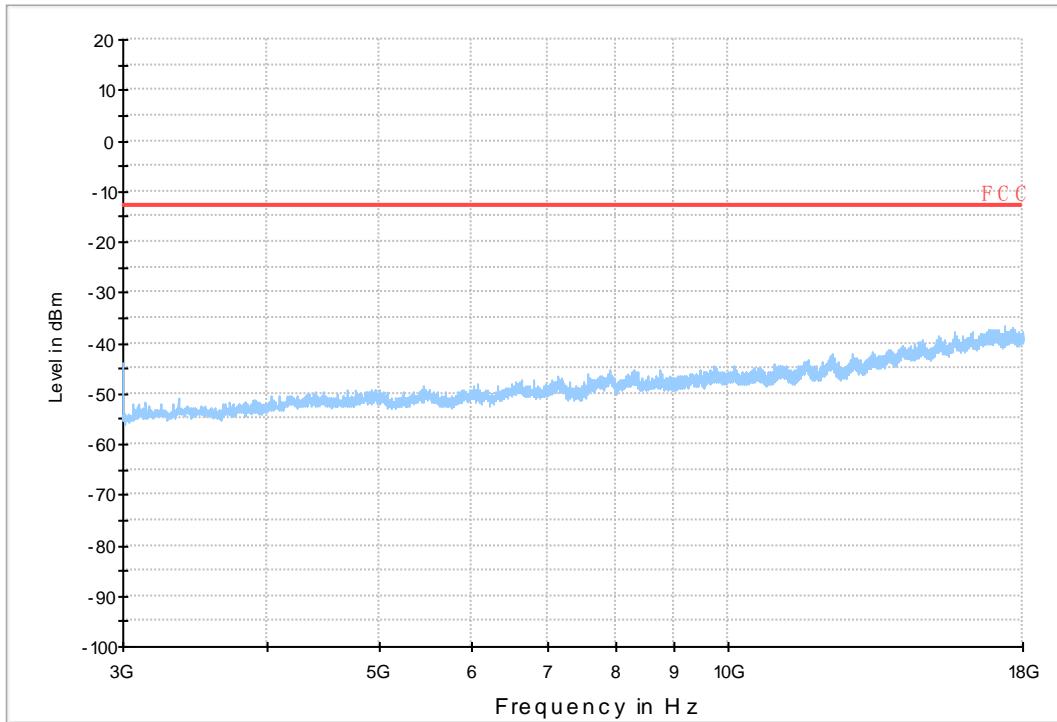
### 7.1.2.1 Test Bandwidth = 5



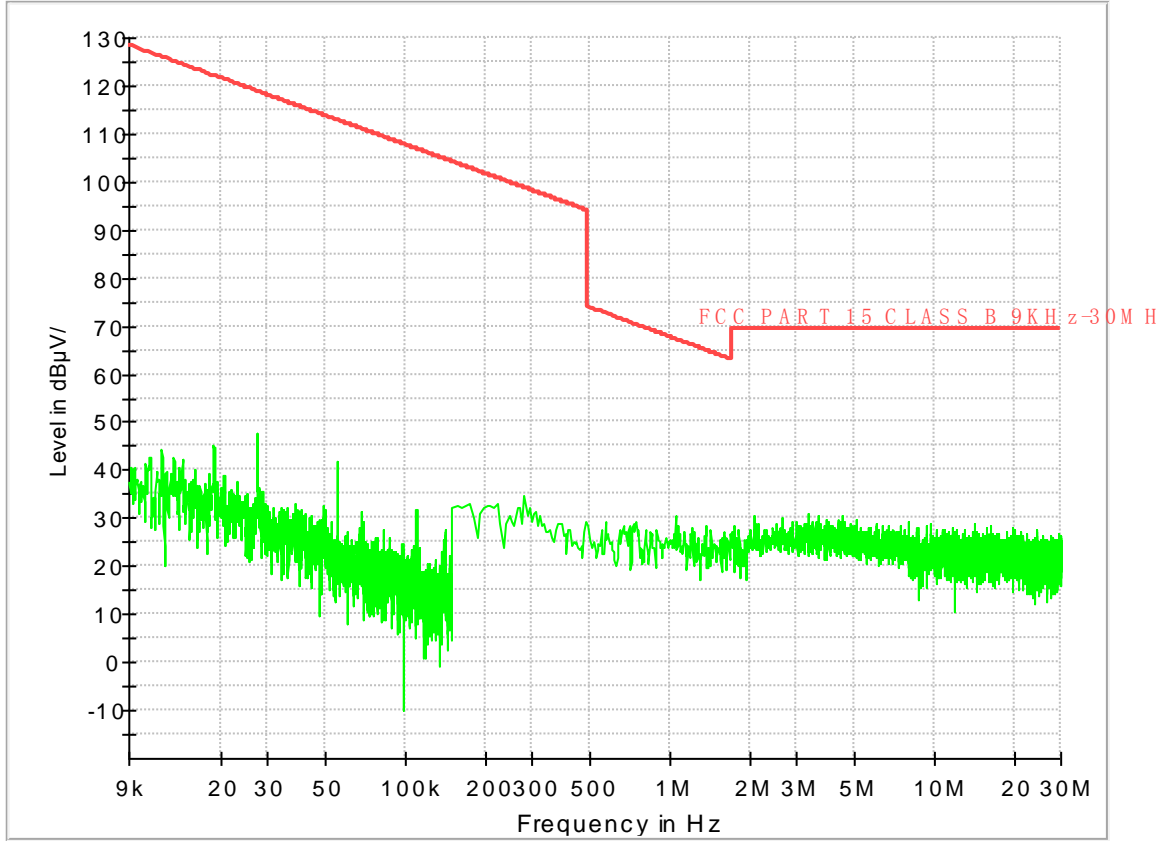
Copy of RSE-TX-DIRECTOR BELOW 1G\_L



Copy of RSE-TX-DIRECTOR BELOW 1G\_H

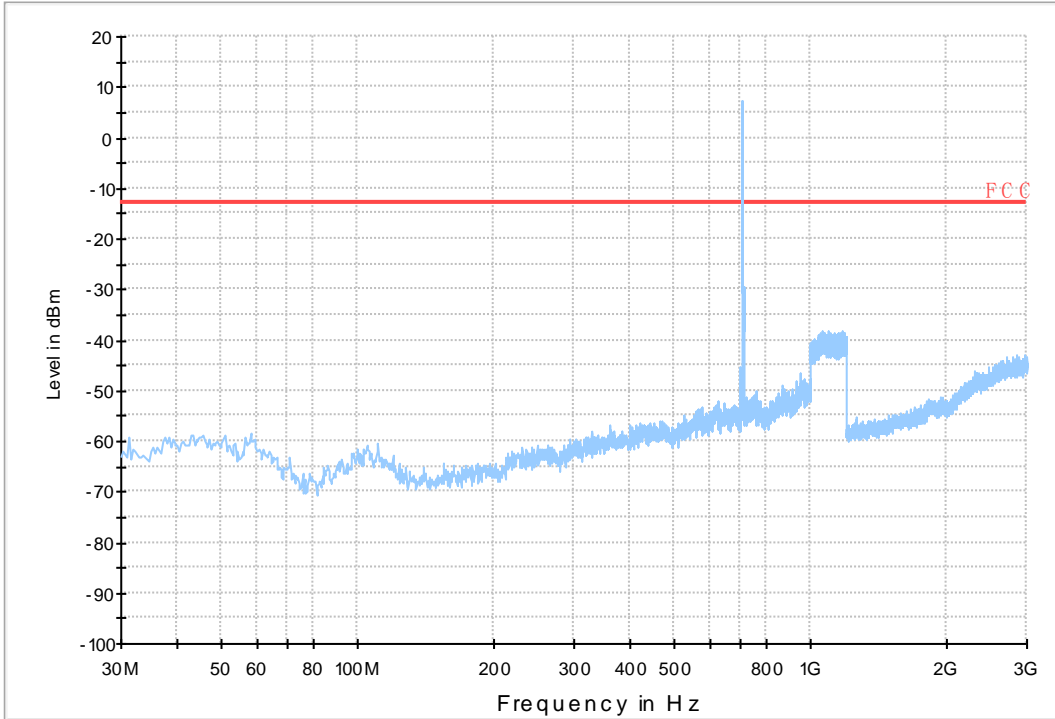


### 7.1.2.2 Test Bandwidth = 10

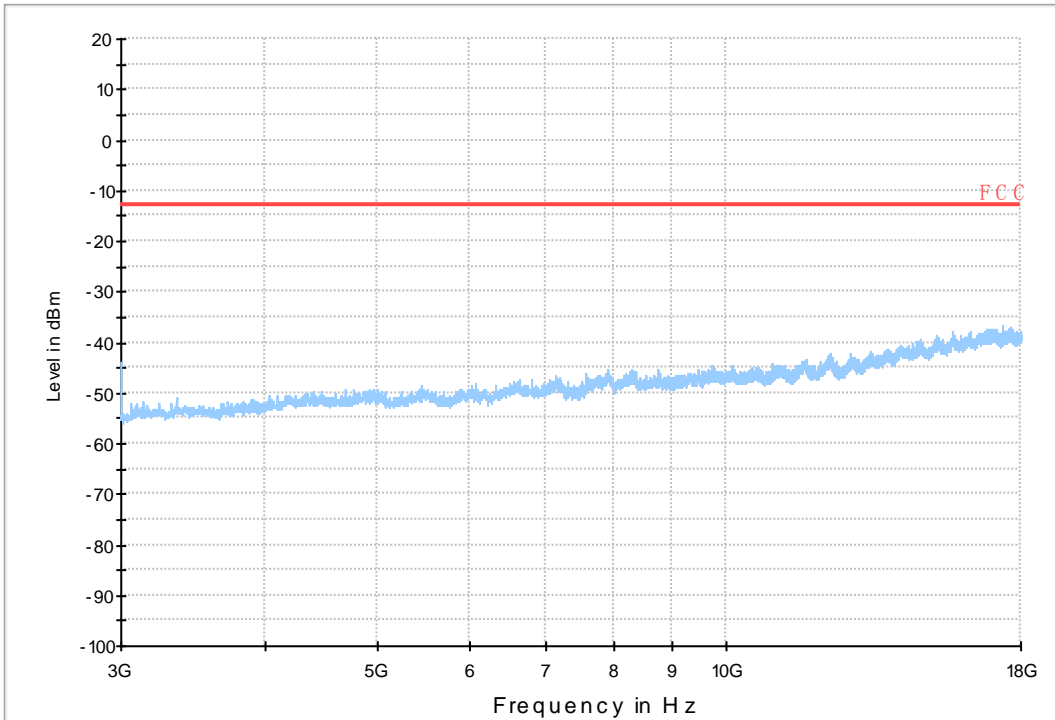




Copy of RSE-TX-DIRECTOR BELOW 1G\_L



Copy of RSE-TX-DIRECTOR BELOW 1G\_H



## 8Appendix\_H: Frequency Stability

### 8.1 For LTE

#### 8.1.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	LTE/TM1	5	LCH	TN	VL	8.60	0.01217	PASS
					VN	11.03	0.01561	PASS
					VH	3.96	0.00561	PASS
			MCH	TN	VL	2.20	0.0031	PASS
					VN	1.59	0.00224	PASS
					VH	-0.14	-0.0002	PASS
		HCH	TN	VL	2.45	0.00343	PASS	
				VN	1.76	0.00247	PASS	
				VH	0.92	0.00129	PASS	
		10	LCH	TN	VL	-1.90	-0.00268	PASS
					VN	0.17	0.00024	PASS
					VH	-0.66	-0.00093	PASS
	MCH		TN	VL	-0.40	-0.00056	PASS	
				VN	0.49	0.00069	PASS	
				VH	0.76	0.00107	PASS	
	HCH	TN	VL	-2.80	-0.00394	PASS		
			VN	-0.27	-0.00038	PASS		
			VH	-1.46	-0.00205	PASS		
	LTE/TM2	5	LCH	TN	VL	-1.89	-0.00268	PASS
					VN	-3.39	-0.0048	PASS
					VH	-2.73	-0.00386	PASS
			MCH	TN	VL	-2.06	-0.0029	PASS
					VN	0.23	0.00032	PASS
					VH	0.73	0.00103	PASS
HCH		TN	VL	-0.43	-0.0006	PASS		
			VN	0.86	0.00121	PASS		
			VH	-0.34	-0.00048	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	LCH	TN	VL	0.29	0.00041	PASS
					VN	-0.26	-0.00037	PASS
					VH	2.17	0.00306	PASS
			MCH	TN	VL	-0.94	-0.00132	PASS
					VN	-1.14	-0.00161	PASS
					VH	0.84	0.00118	PASS
			HCH	TN	VL	-2.13	-0.003	PASS
					VN	-1.36	-0.00191	PASS
					VH	0.39	0.00055	PASS

**8.1.2 Frequency Error vs. Temperature:**

Test Band	Test Temp.	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	-30	LTE/TM1	5	LCH	VN	1.40	0.00198	PASS
				MCH	VN	-0.11	-0.00015	PASS
				HCH	VN	-2.16	-0.00303	PASS
			10	LCH	VN	0.56	0.00079	PASS
				MCH	VN	-1.26	-0.00177	PASS
				HCH	VN	-1.10	-0.00155	PASS
		LTE/TM2	5	LCH	VN	-1.02	-0.00144	PASS
				MCH	VN	1.57	0.00221	PASS
				HCH	VN	1.65	0.00231	PASS
			10	LCH	VN	-0.69	-0.00097	PASS
				MCH	VN	0.90	0.00127	PASS
				HCH	VN	0.00	0	PASS
	-20	LTE/TM1	5	LCH	VN	-0.06	-0.00008	PASS
				MCH	VN	-3.48	-0.0049	PASS
				HCH	VN	0.83	0.00116	PASS
			10	LCH	VN	-0.41	-0.00058	PASS
				MCH	VN	0.20	0.00028	PASS
				HCH	VN	-0.72	-0.00101	PASS
		LTE/TM2	5	LCH	VN	2.50	0.00354	PASS
				MCH	VN	-2.40	-0.00338	PASS
				HCH	VN	1.92	0.00269	PASS
			10	LCH	VN	0.34	0.00048	PASS
				MCH	VN	-2.19	-0.00308	PASS
				HCH	VN	-0.27	-0.00038	PASS



Test Band	Test Temp.	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	-10	LTE/TM1	5	LCH	VN	1.46	0.00207	PASS
				MCH	VN	3.71	0.00523	PASS
				HCH	VN	-0.76	-0.00107	PASS
			10	LCH	VN	-0.26	-0.00037	PASS
				MCH	VN	0.41	0.00058	PASS
				HCH	VN	-0.36	-0.00051	PASS
		LTE/TM2	5	LCH	VN	-2.45	-0.00347	PASS
				MCH	VN	-0.29	-0.00041	PASS
				HCH	VN	-1.12	-0.00157	PASS
			10	LCH	VN	0.34	0.00048	PASS
				MCH	VN	-2.06	-0.0029	PASS
				HCH	VN	-0.73	-0.00103	PASS
	0	LTE/TM1	5	LCH	VN	-1.87	-0.00265	PASS
				MCH	VN	1.75	0.00246	PASS
				HCH	VN	-0.86	-0.00121	PASS
			10	LCH	VN	-0.64	-0.0009	PASS
				MCH	VN	0.36	0.00051	PASS
				HCH	VN	0.36	0.00051	PASS
		LTE/TM2	5	LCH	VN	1.47	0.00208	PASS
				MCH	VN	1.16	0.00163	PASS
				HCH	VN	0.97	0.00136	PASS
			10	LCH	VN	2.29	0.00323	PASS
				MCH	VN	-2.75	-0.00387	PASS
				HCH	VN	-0.24	-0.00034	PASS
	10	LTE/TM1	5	LCH	VN	-6.22	-0.0088	PASS
				MCH	VN	-1.57	-0.00221	PASS
				HCH	VN	-2.27	-0.00318	PASS
			10	LCH	VN	0.87	0.00123	PASS
				MCH	VN	-0.40	-0.00056	PASS
				HCH	VN	-0.17	-0.00024	PASS
LTE/TM2		5	LCH	VN	-4.19	-0.00593	PASS	
			MCH	VN	0.66	0.00093	PASS	
			HCH	VN	-3.23	-0.00453	PASS	
		10	LCH	VN	0.94	0.00133	PASS	
			MCH	VN	-1.85	-0.00261	PASS	
			HCH	VN	1.62	0.00228	PASS	
20	LTE/TM1	5	LCH	VN	-1.93	-0.00273	PASS	
			MCH	VN	-1.00	-0.00141	PASS	
			HCH	VN	9.11	0.01277	PASS	

Test Band	Test Temp.	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			10	LCH	VN	4.08	0.00575	PASS	
				MCH	VN	6.87	0.00968	PASS	
				HCH	VN	3.23	0.00454	PASS	
			LTE/TM2	5	LCH	VN	-0.01	-0.00001	PASS
					MCH	VN	-7.94	-0.01118	PASS
					HCH	VN	-2.15	-0.00301	PASS
		10	LCH	VN	2.57	0.00362	PASS		
			MCH	VN	-0.84	-0.00118	PASS		
			HCH	VN	-0.83	-0.00117	PASS		
		30	LTE/TM1	5	LCH	VN	2.75	0.00389	PASS
					MCH	VN	-1.19	-0.00168	PASS
					HCH	VN	-1.47	-0.00206	PASS
	10			LCH	VN	-0.41	-0.00058	PASS	
				MCH	VN	-1.73	-0.00244	PASS	
				HCH	VN	1.40	0.00197	PASS	
	LTE/TM2		5	LCH	VN	5.14	0.00728	PASS	
				MCH	VN	-0.06	-0.00008	PASS	
				HCH	VN	-0.80	-0.00112	PASS	
			10	LCH	VN	-0.59	-0.00083	PASS	
				MCH	VN	-0.74	-0.00104	PASS	
				HCH	VN	2.78	0.00391	PASS	
	40	LTE/TM1	5	LCH	VN	-2.83	-0.00401	PASS	
				MCH	VN	-1.07	-0.00151	PASS	
				HCH	VN	1.12	0.00157	PASS	
			10	LCH	VN	-0.62	-0.00087	PASS	
				MCH	VN	-0.10	-0.00014	PASS	
				HCH	VN	-1.82	-0.00256	PASS	
		LTE/TM2	5	LCH	VN	-0.36	-0.00051	PASS	
				MCH	VN	-2.32	-0.00327	PASS	
				HCH	VN	-0.54	-0.00076	PASS	
10			LCH	VN	0.19	0.00027	PASS		
			MCH	VN	1.79	0.00252	PASS		
			HCH	VN	-0.87	-0.00122	PASS		
50	LTE/TM1	5	LCH	VN	-0.73	-0.00103	PASS		
			MCH	VN	0.54	0.00076	PASS		
			HCH	VN	1.53	0.00214	PASS		
		10	LCH	VN	-1.19	-0.00168	PASS		
			MCH	VN	-2.82	-0.00397	PASS		
			HCH	VN	0.13	0.00018	PASS		



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Test Band	Test Temp.	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		LTE/TM2	5	LCH	VN	-1.30	-0.00184	PASS
				MCH	VN	-0.14	-0.0002	PASS
				HCH	VN	0.40	0.00056	PASS
			10	LCH	VN	-0.64	-0.0009	PASS
				MCH	VN	0.07	0.0001	PASS
				HCH	VN	0.54	0.00076	PASS

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END