



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	22.73	21.08	34.7	PASS
				RB1#13	22.74	21.22	34.7	PASS
				RB1#24	22.7	21.09	34.7	PASS
				RB12#0	21.68	19.93	34.7	PASS
				RB12#6	21.71	20.12	34.7	PASS
				RB12#13	21.65	19.84	34.7	PASS
				RB25#0	21.75	20.20	34.7	PASS
			MCH	RB1#0	22.69	21.17	34.7	PASS
				RB1#13	22.73	20.97	34.7	PASS
				RB1#24	22.58	20.82	34.7	PASS
				RB12#0	21.7	20.05	34.7	PASS
				RB12#6	21.66	20.13	34.7	PASS
				RB12#13	21.64	20.06	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB25#0	21.63	19.89	34.7	PASS	
			HCH	RB1#0	22.51	20.81	34.7	PASS	
				RB1#13	22.57	20.76	34.7	PASS	
				RB1#24	22.46	20.84	34.7	PASS	
				RB12#0	21.51	19.76	34.7	PASS	
				RB12#6	21.52	19.78	34.7	PASS	
				RB12#13	21.48	19.80	34.7	PASS	
				RB25#0	21.53	20.05	34.7	PASS	
					RB1#0	22.64	21.04	34.7	PASS
		10	LCH	RB1#25	22.6	20.89	34.7	PASS	
				RB1#49	22.5	20.77	34.7	PASS	
				RB25#0	21.69	20.07	34.7	PASS	
				RB25#13	21.68	20.15	34.7	PASS	
				RB25#25	21.59	20.12	34.7	PASS	
				RB50#0	21.65	19.85	34.7	PASS	
					MCH	RB1#0	22.63	21.12	34.7
				RB1#25		22.54	20.77	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.51	20.84	34.7	PASS
				RB25#0	21.62	19.87	34.7	PASS
				RB25#13	21.65	20.11	34.7	PASS
				RB25#25	21.61	19.95	34.7	PASS
				RB50#0	21.63	20.10	34.7	PASS
			HCH	RB1#0	22.69	20.92	34.7	PASS
				RB1#25	22.69	21.01	34.7	PASS
				RB1#49	22.56	20.84	34.7	PASS
				RB25#0	21.68	19.95	34.7	PASS
				RB25#13	21.68	20.08	34.7	PASS
				RB25#25	21.64	20.14	34.7	PASS
				RB50#0	21.63	19.82	34.7	PASS
			LCH	RB1#0	21.92	20.16	34.7	PASS
				RB1#13	21.92	20.09	34.7	PASS
				RB1#24	21.82	20.33	34.7	PASS
RB12#0	20.73	19.13		34.7	PASS			
RB12#6	20.74	19.09		34.7	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict			
				RB12#13	20.68	19.07	34.7	PASS			
				RB25#0	20.66	18.93	34.7	PASS			
			MCH	RB1#0	21.77	20.01	34.7	PASS			
				RB1#13	21.8	20.10	34.7	PASS			
				RB1#24	21.73	20.12	34.7	PASS			
				RB12#0	20.6	18.91	34.7	PASS			
				RB12#6	20.65	19.00	34.7	PASS			
				RB12#13	20.6	19.07	34.7	PASS			
				RB25#0	20.66	18.82	34.7	PASS			
				HCH	RB1#0	22.09	20.26	34.7	PASS		
			RB1#13		22.12	20.50	34.7	PASS			
			RB1#24		22	20.17	34.7	PASS			
			RB12#0		20.56	18.79	34.7	PASS			
			RB12#6		20.57	18.87	34.7	PASS			
			RB12#13		20.49	18.83	34.7	PASS			
							RB25#0	20.48	18.94	34.7	PASS
					10	LCH	RB1#0	22.02	20.24	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.98	20.45	34.7	PASS
				RB1#49	21.96	20.41	34.7	PASS
				RB25#0	20.64	19.05	34.7	PASS
				RB25#13	20.68	18.93	34.7	PASS
				RB25#25	20.6	18.76	34.7	PASS
				RB50#0	20.67	19.21	34.7	PASS
			MCH	RB1#0	21.83	20.08	34.7	PASS
				RB1#25	21.79	19.99	34.7	PASS
				RB1#49	21.67	20.08	34.7	PASS
				RB25#0	20.68	19.14	34.7	PASS
				RB25#13	20.68	19.10	34.7	PASS
				RB25#25	20.62	19.07	34.7	PASS
				RB50#0	20.64	18.83	34.7	PASS
			HCH	RB1#0	21.85	20.35	34.7	PASS
				RB1#25	21.82	20.15	34.7	PASS
				RB1#49	21.68	20.11	34.7	PASS
				RB25#0	20.79	19.28	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.75	18.96	34.7	PASS
				RB25#25	20.71	19.16	34.7	PASS
				RB50#0	20.65	19.15	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	4.27	13	PASS
				RB1#13	4.14	13	PASS
				RB1#24	4.43	13	PASS
				RB12#0	4.99	13	PASS
				RB12#6	4.86	13	PASS
				RB12#13	4.97	13	PASS
				RB25#0	5.41	13	PASS
			MCH	RB1#0	4.33	13	PASS
				RB1#13	3.41	13	PASS
				RB1#24	3.55	13	PASS
				RB12#0	5.04	13	PASS
				RB12#6	4.5	13	PASS
				RB12#13	4.55	13	PASS
				RB25#0	5.33	13	PASS
		HCH	RB1#0	3.69	13	PASS	
			RB1#13	4.44	13	PASS	
			RB1#24	4.29	13	PASS	
			RB12#0	4.68	13	PASS	
			RB12#6	4.58	13	PASS	
			RB12#13	4.98	13	PASS	
			RB25#0	5.76	13	PASS	
		10	LCH	RB1#0	4.26	13	PASS
				RB1#25	4.52	13	PASS
				RB1#49	4.51	13	PASS
				RB25#0	4.98	13	PASS
				RB25#13	4.95	13	PASS
				RB25#25	5.05	13	PASS
				RB50#0	5.84	13	PASS
MCH	RB1#0		4.22	13	PASS		
	RB1#25		3.9	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#49	4.48	13	PASS			
				RB25#0	5.06	13	PASS			
				RB25#13	4.93	13	PASS			
				RB25#25	5.05	13	PASS			
				RB50#0	5.43	13	PASS			
			HCH	RB1#0	4.19	13	PASS			
				RB1#25	3.58	13	PASS			
				RB1#49	4.21	13	PASS			
				RB25#0	5.17	13	PASS			
				RB25#13	5.04	13	PASS			
				RB25#25	5.07	13	PASS			
					5	LCH	RB1#0	5.19	13	PASS
							RB1#13	5.05	13	PASS
							RB1#24	5.36	13	PASS
							RB12#0	5.82	13	PASS
	RB12#6	5.65					13	PASS		
	RB12#13	5.84					13	PASS		
	RB25#0	6.06				13	PASS			
	MCH	RB1#0				5.31	13	PASS		
		RB1#13				4.42	13	PASS		
		RB1#24				4.52	13	PASS		
		RB12#0				5.4	13	PASS		
		RB12#6				5.43	13	PASS		
		RB12#13				5.54	13	PASS		
	RB25#0	6.81				13	PASS			
	HCH	RB1#0				4.14	13	PASS		
		RB1#13	4.35	13	PASS					
		RB1#24	4.79	13	PASS					
		RB12#0	5.46	13	PASS					
		RB12#6	5.45	13	PASS					
RB12#13		5.31	13	PASS						
RB25#0	6.36	13	PASS							
		10	LCH	RB1#0	5.33	13	PASS			
				RB1#25	4.59	13	PASS			
				RB1#49	5.58	13	PASS			
				RB25#0	6.03	13	PASS			
				RB25#13	5.83	13	PASS			
				RB25#25	6.09	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.67	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	5.45	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.37	13	PASS
				RB25#25	5.97	13	PASS
				RB50#0	6.31	13	PASS
			HCH	RB1#0	4.89	13	PASS
				RB1#25	4.29	13	PASS
				RB1#49	4.9	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.44	13	PASS
				RB25#25	5.41	13	PASS
				RB50#0	6.36	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

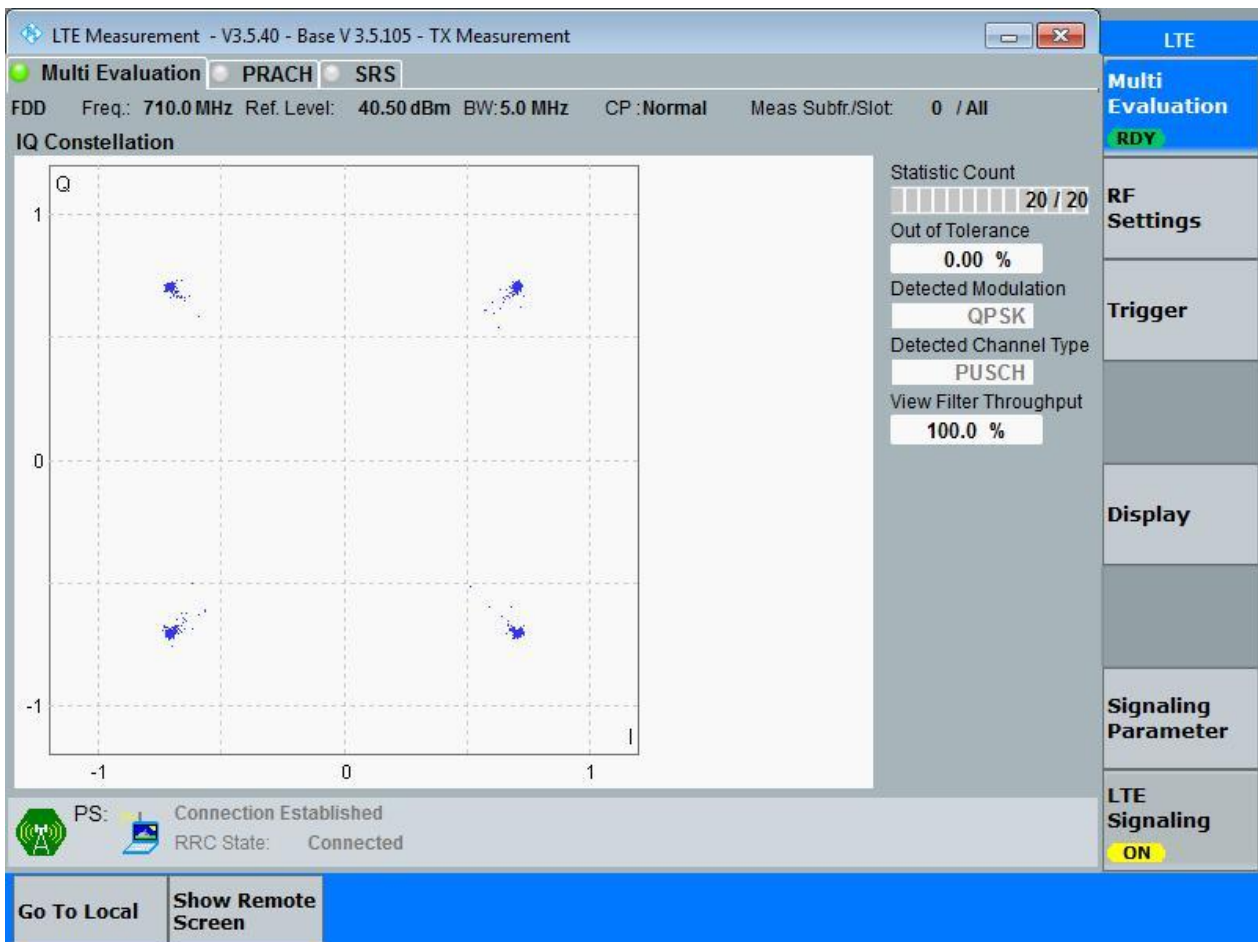
3.1.1 Test Band = BAND17

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

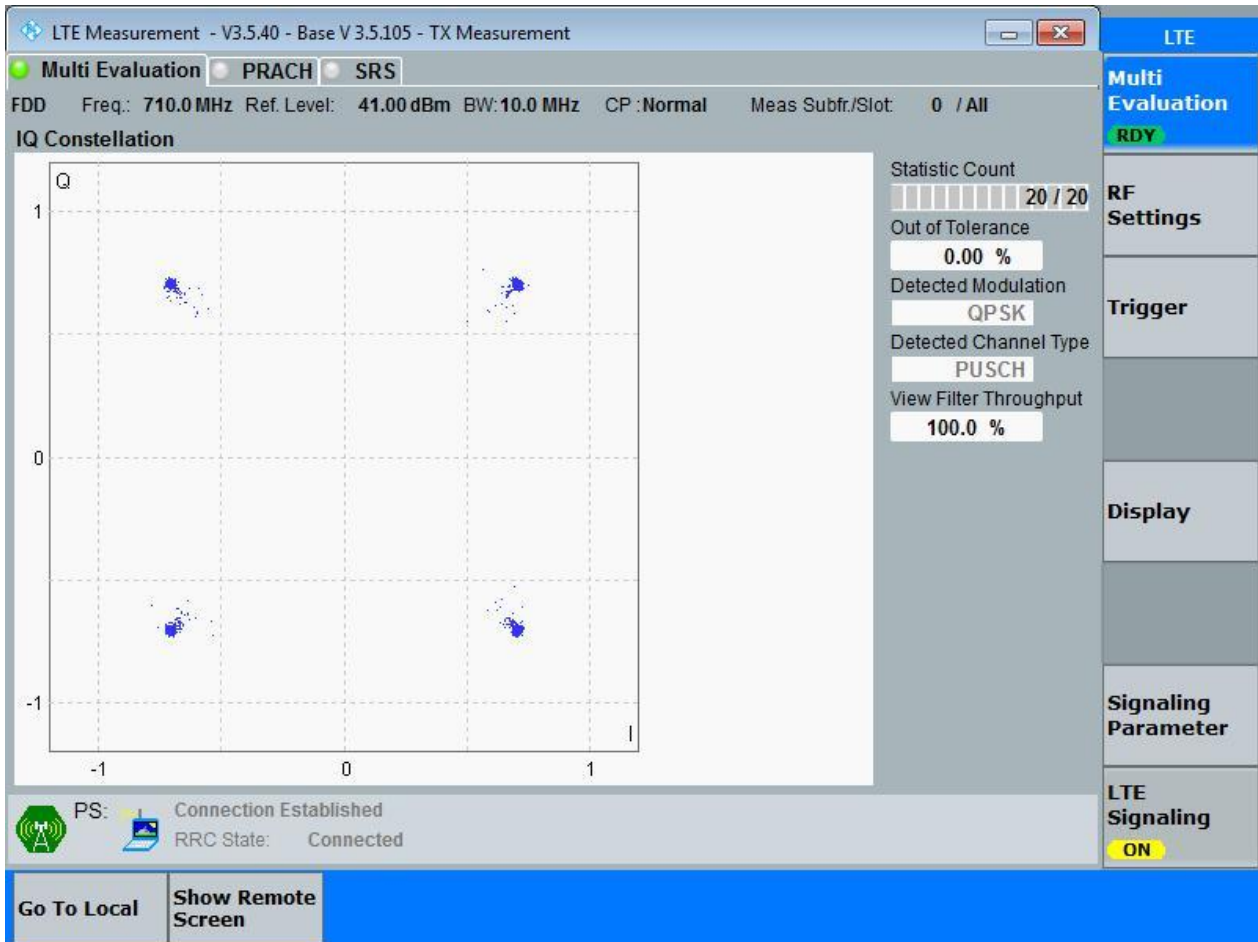
3.1.1.1.1.1.1 Test RB = RB25#0



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

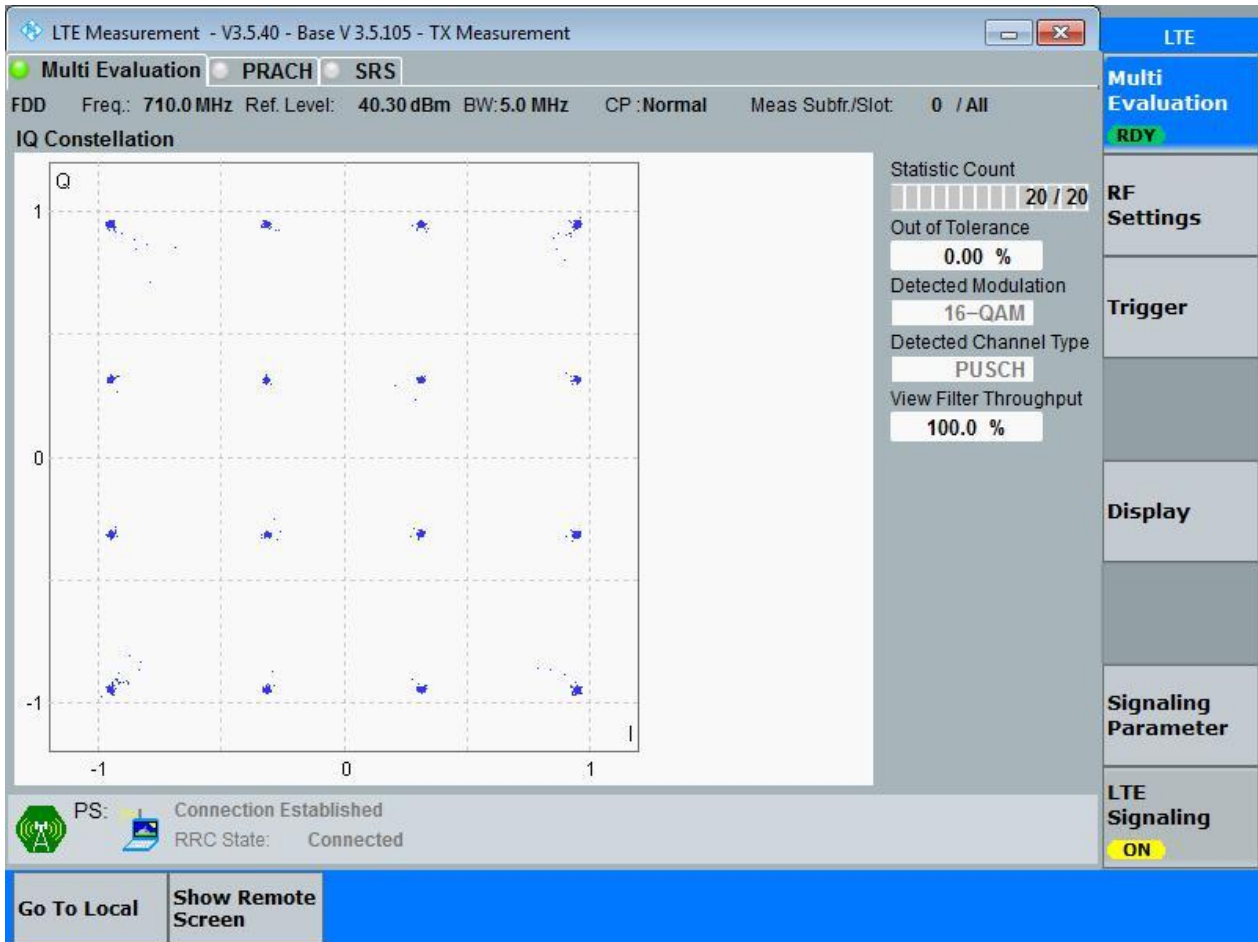


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

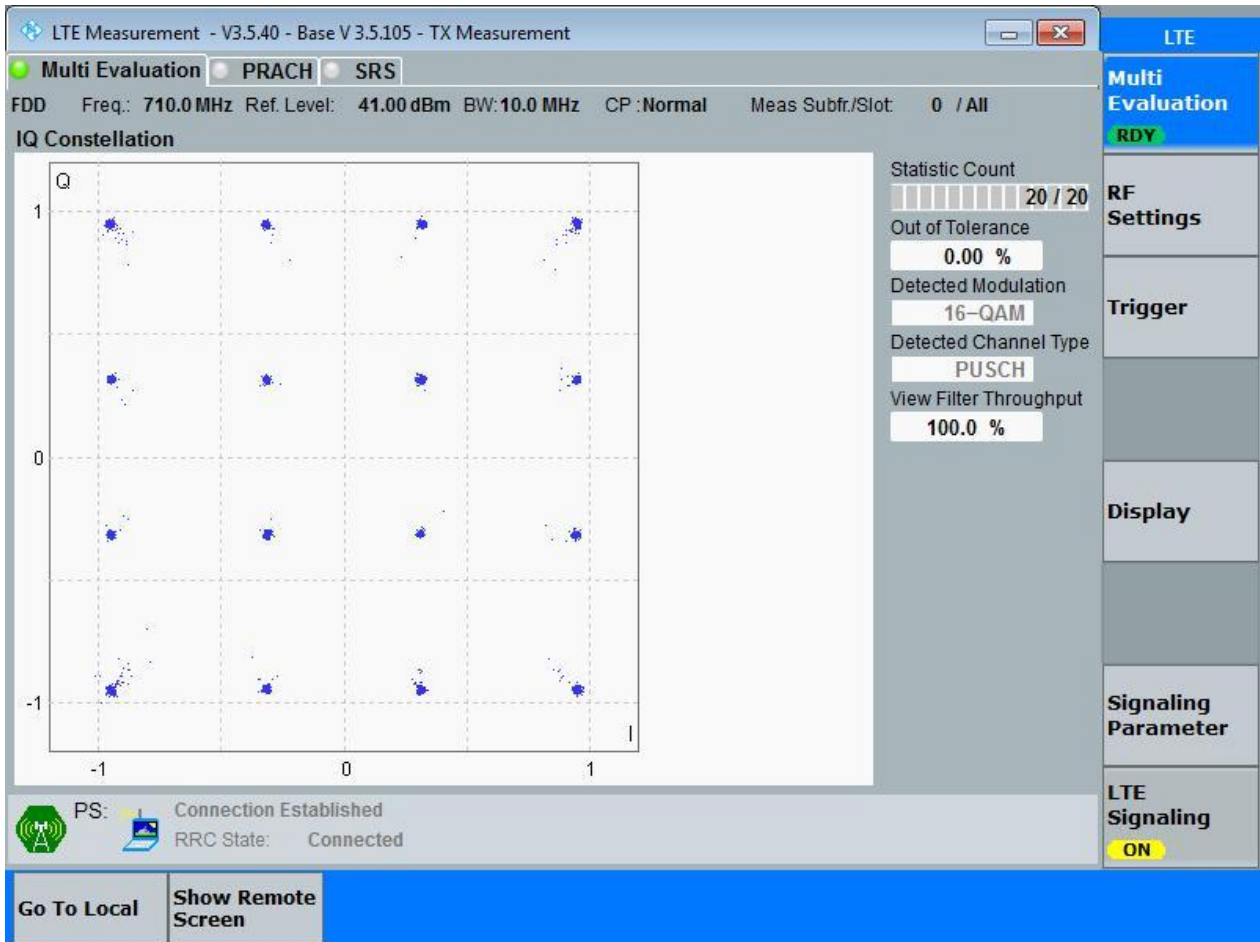
3.1.1.2.1.1.1 Test RB = RB25#0



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	4.51	4.98	Pass
			MCH	RB25#0	4.49	4.95	Pass
			HCH	RB25#0	4.50	4.96	Pass
		10	LCH	RB50#0	8.98	9.85	Pass
			MCH	RB50#0	8.97	9.81	Pass
			HCH	RB50#0	8.98	9.82	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	5.02	Pass
			MCH	RB25#0	4.49	4.95	Pass
			HCH	RB25#0	4.50	4.97	Pass
		10	LCH	RB50#0	8.98	9.87	Pass
			MCH	RB50#0	8.99	9.83	Pass
			HCH	RB50#0	8.96	9.80	Pass



Part II - Test Plots

4.1 For LTE

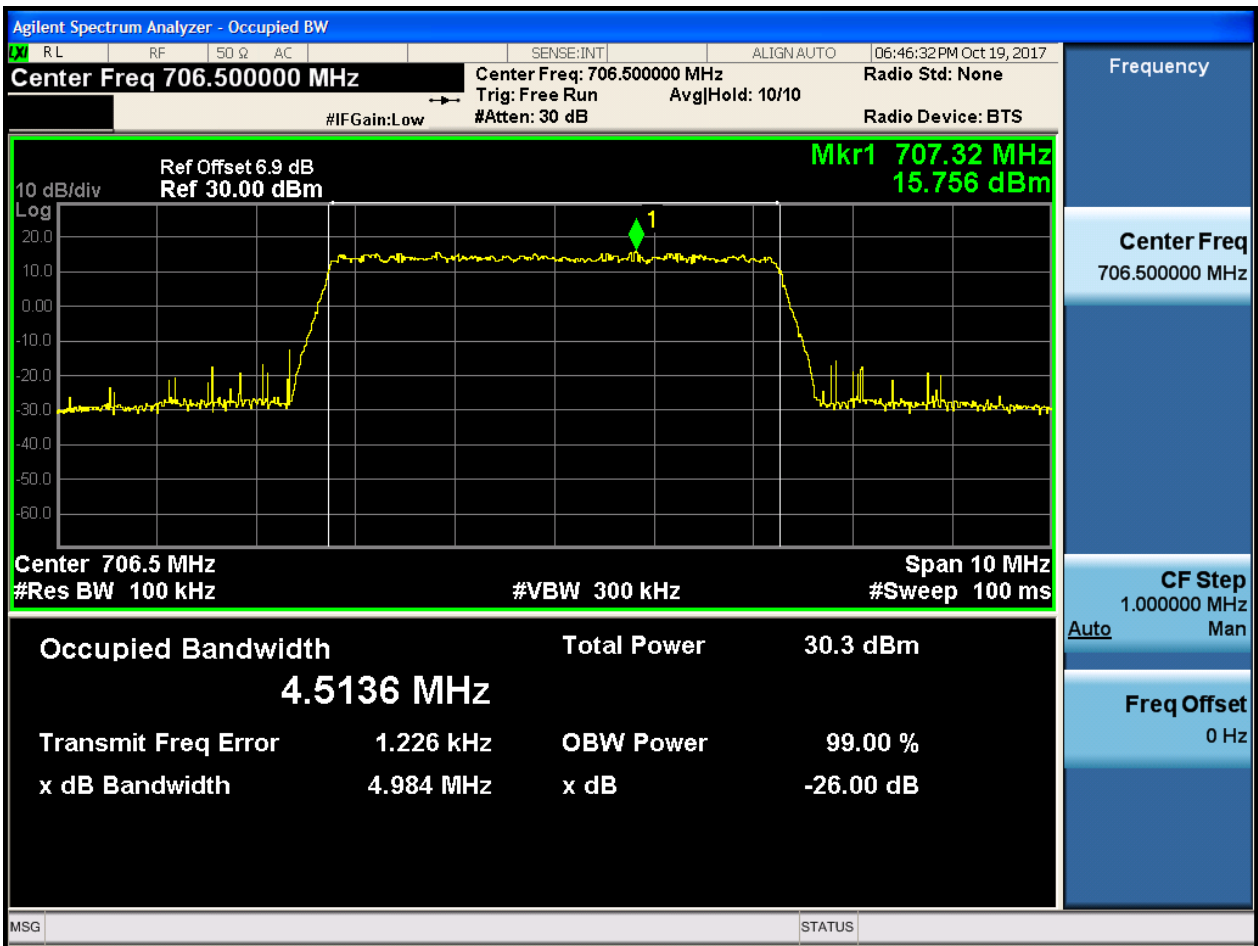
4.1.1 Test Band = BAND17

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

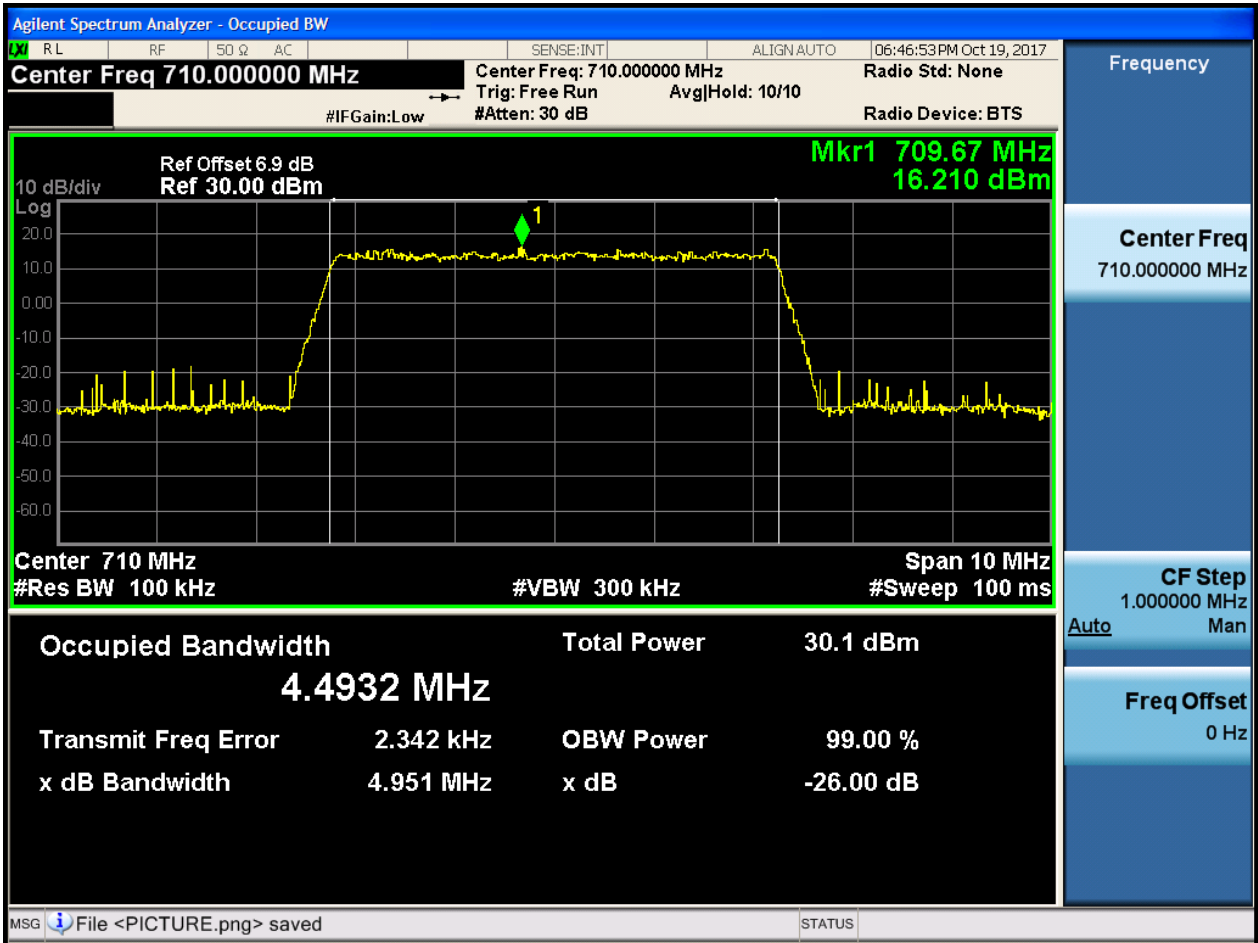
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

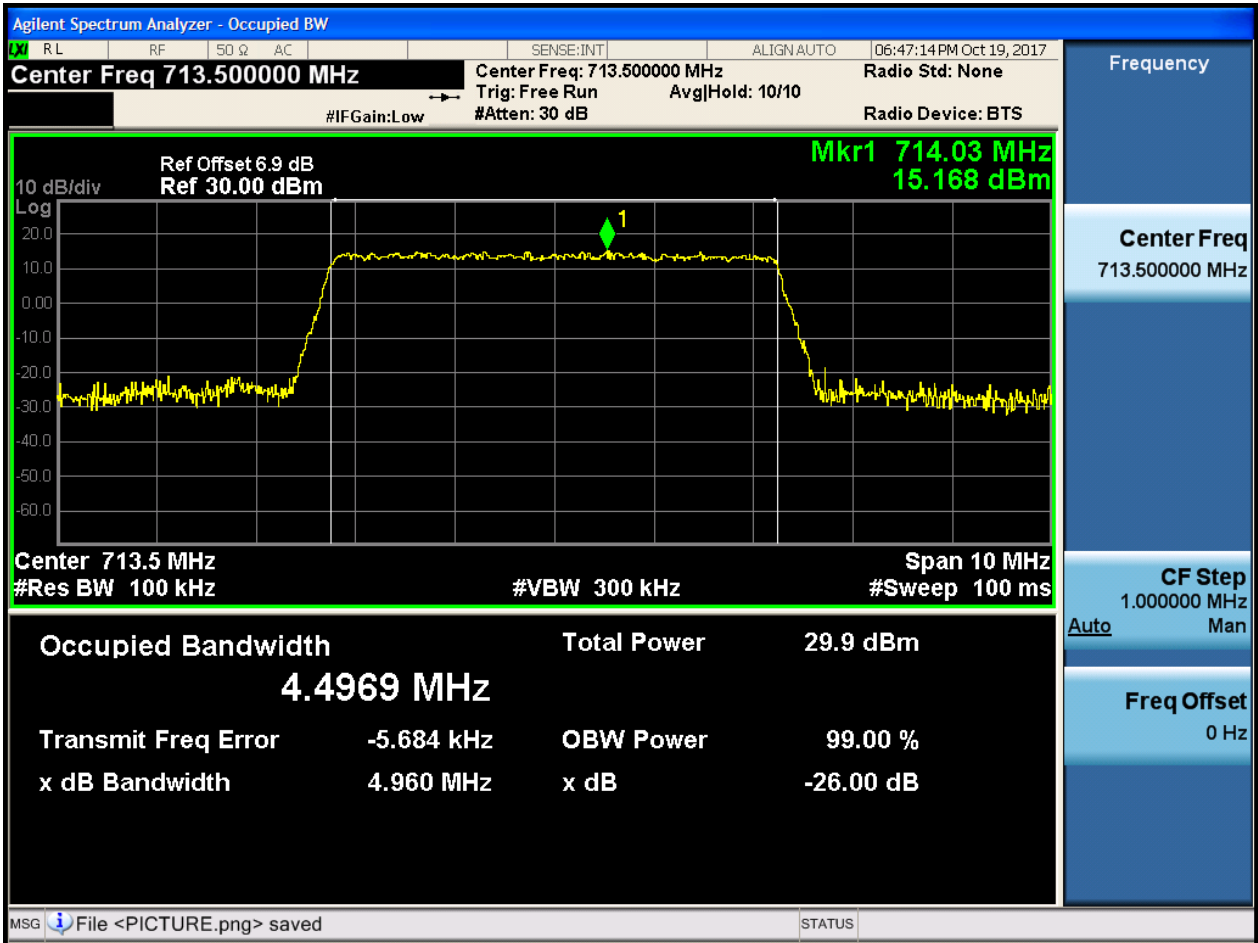
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

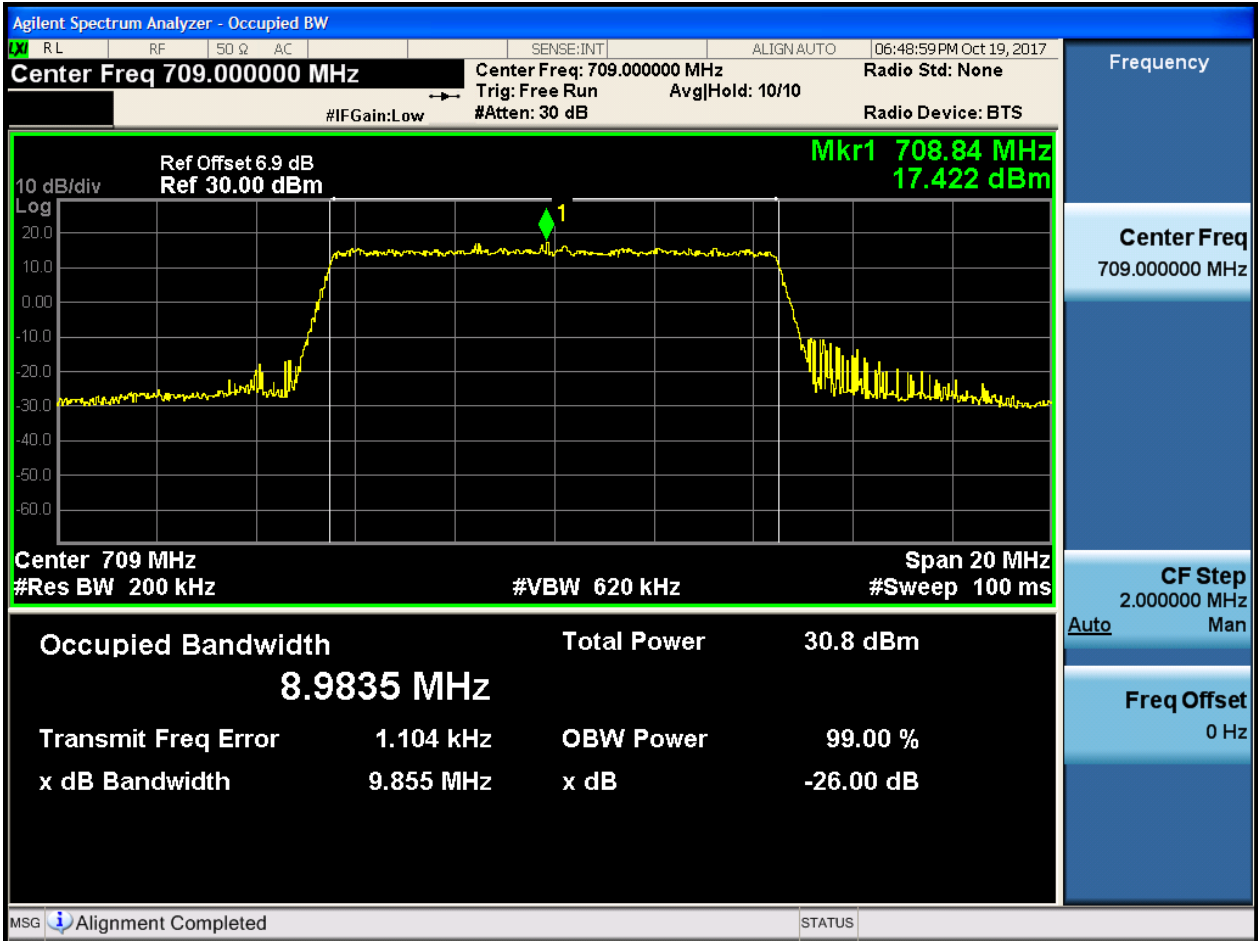




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

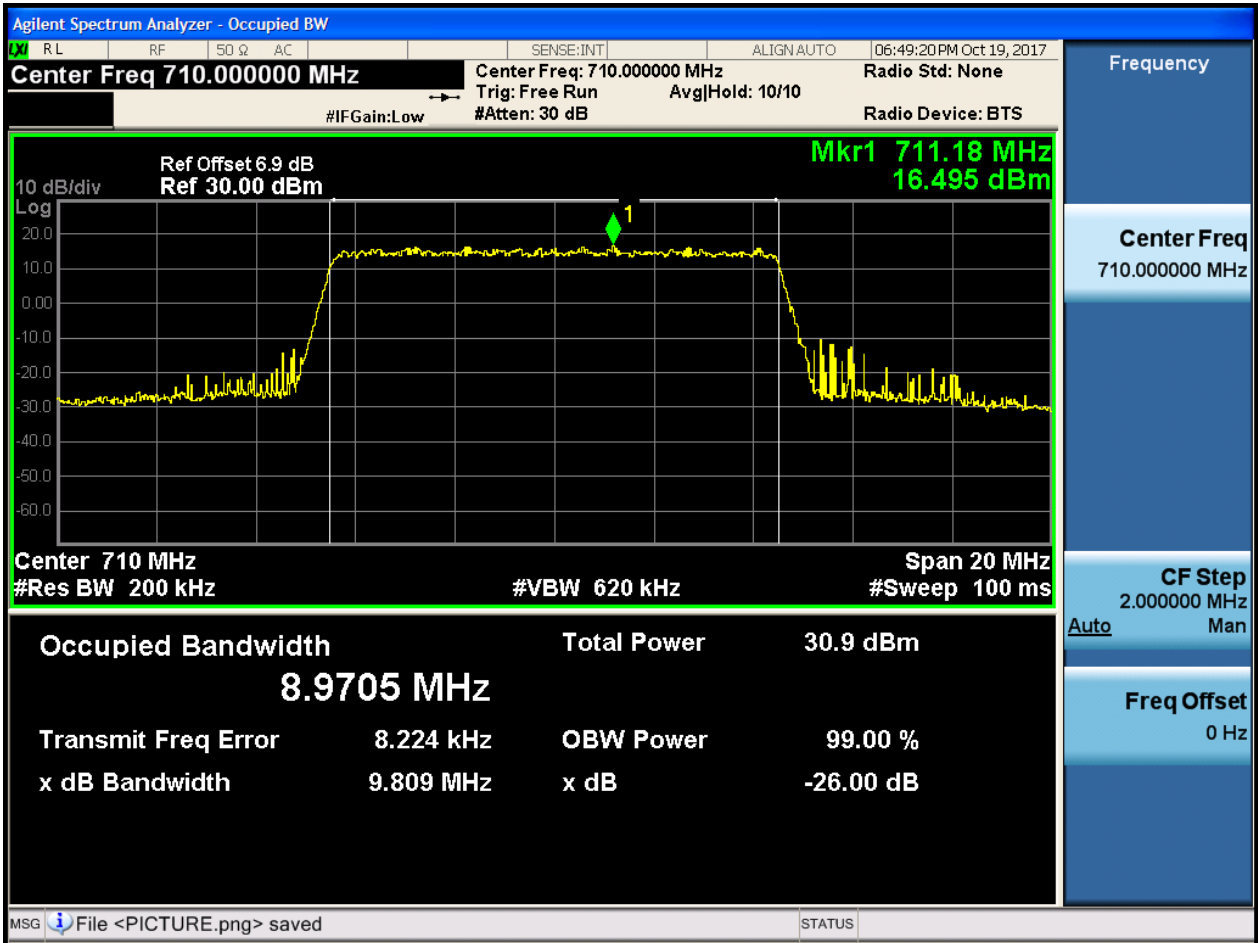
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

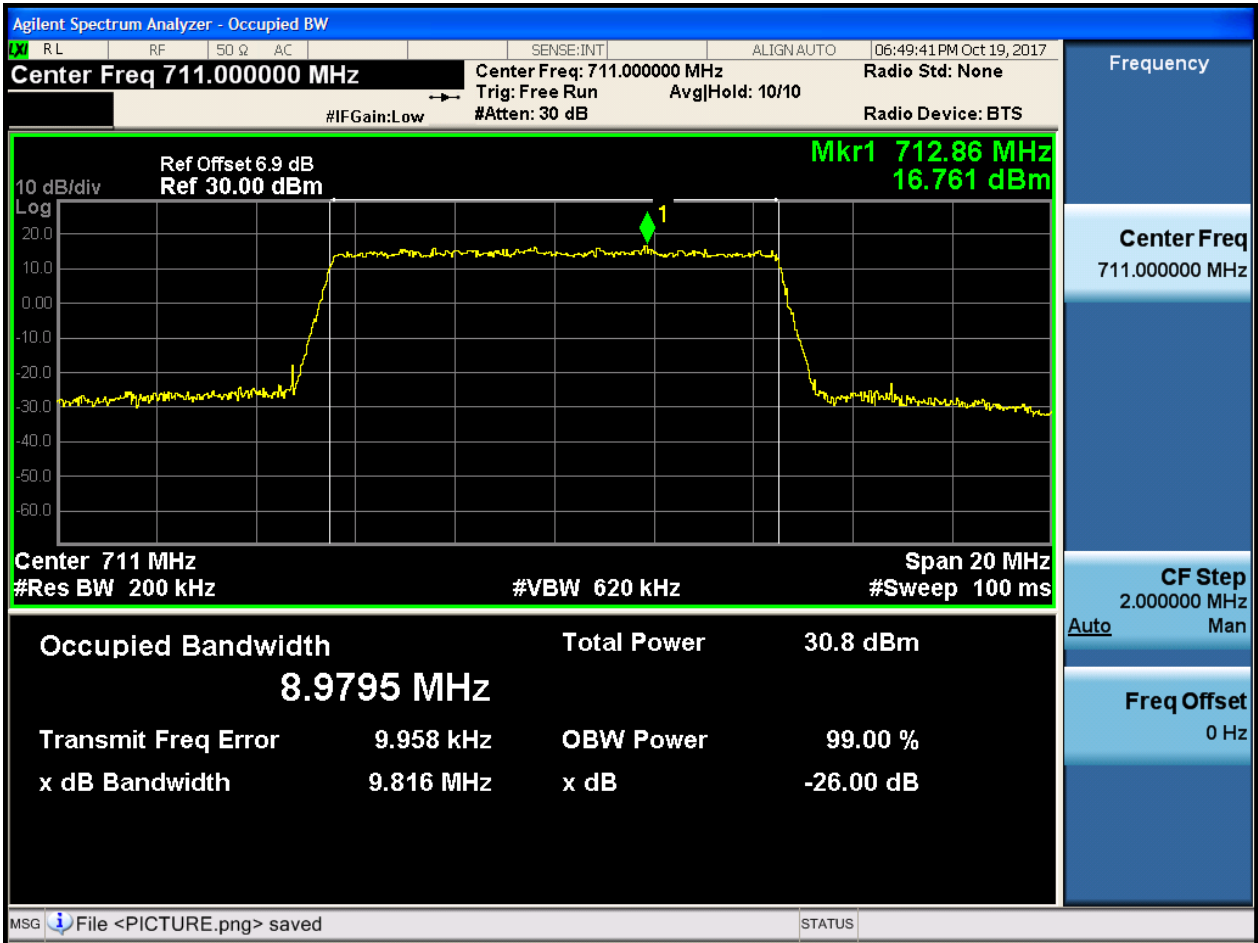
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0



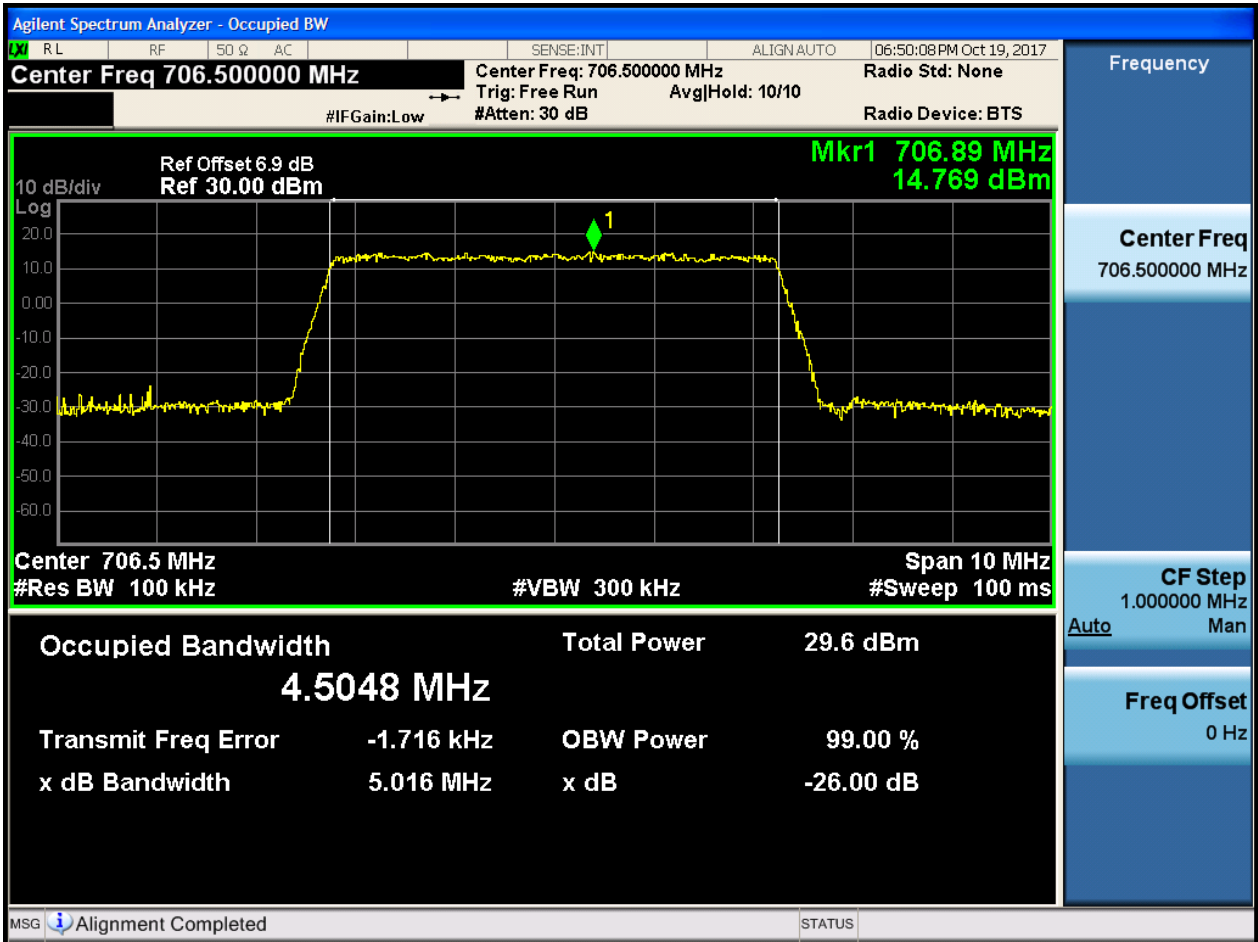


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

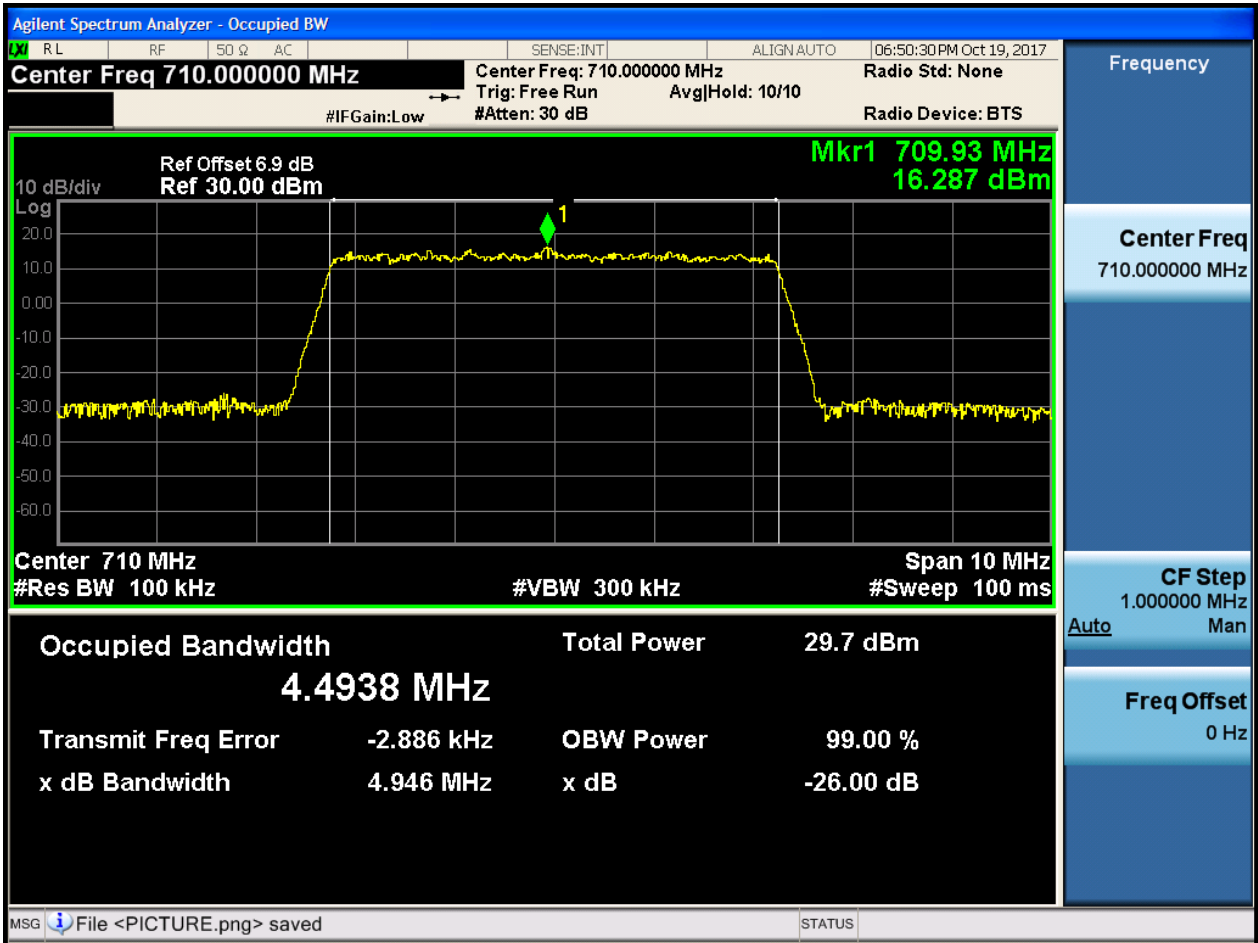
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

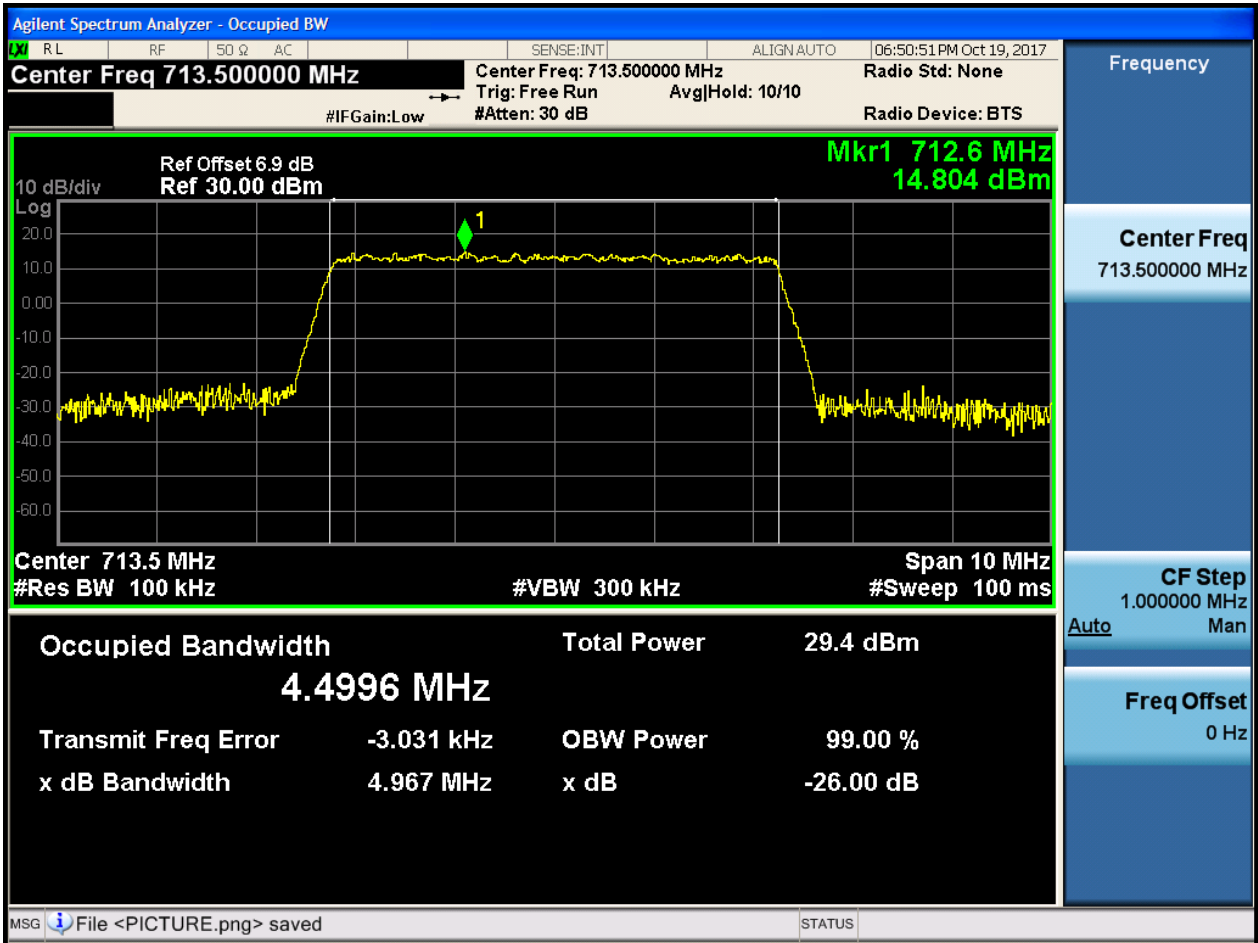
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

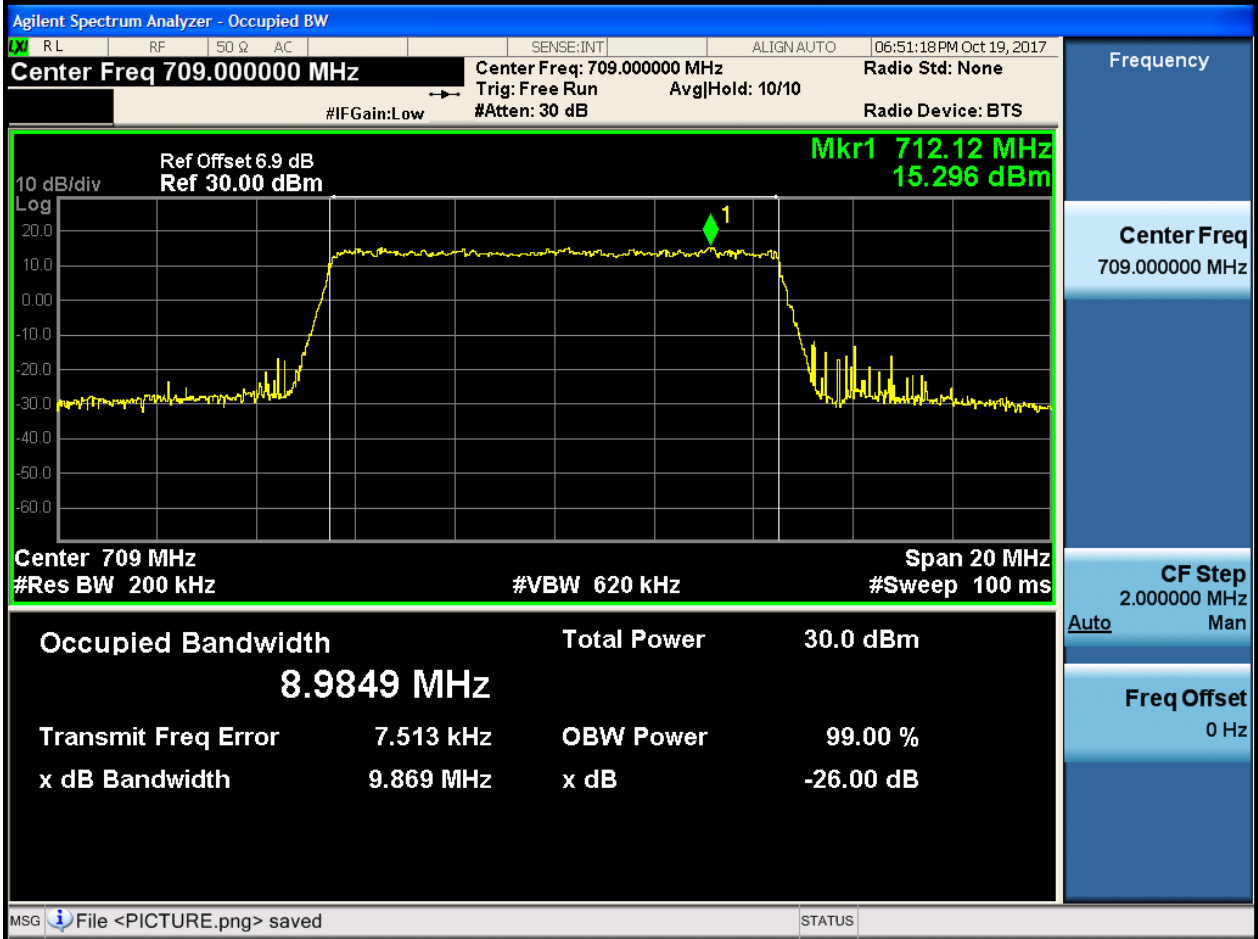




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

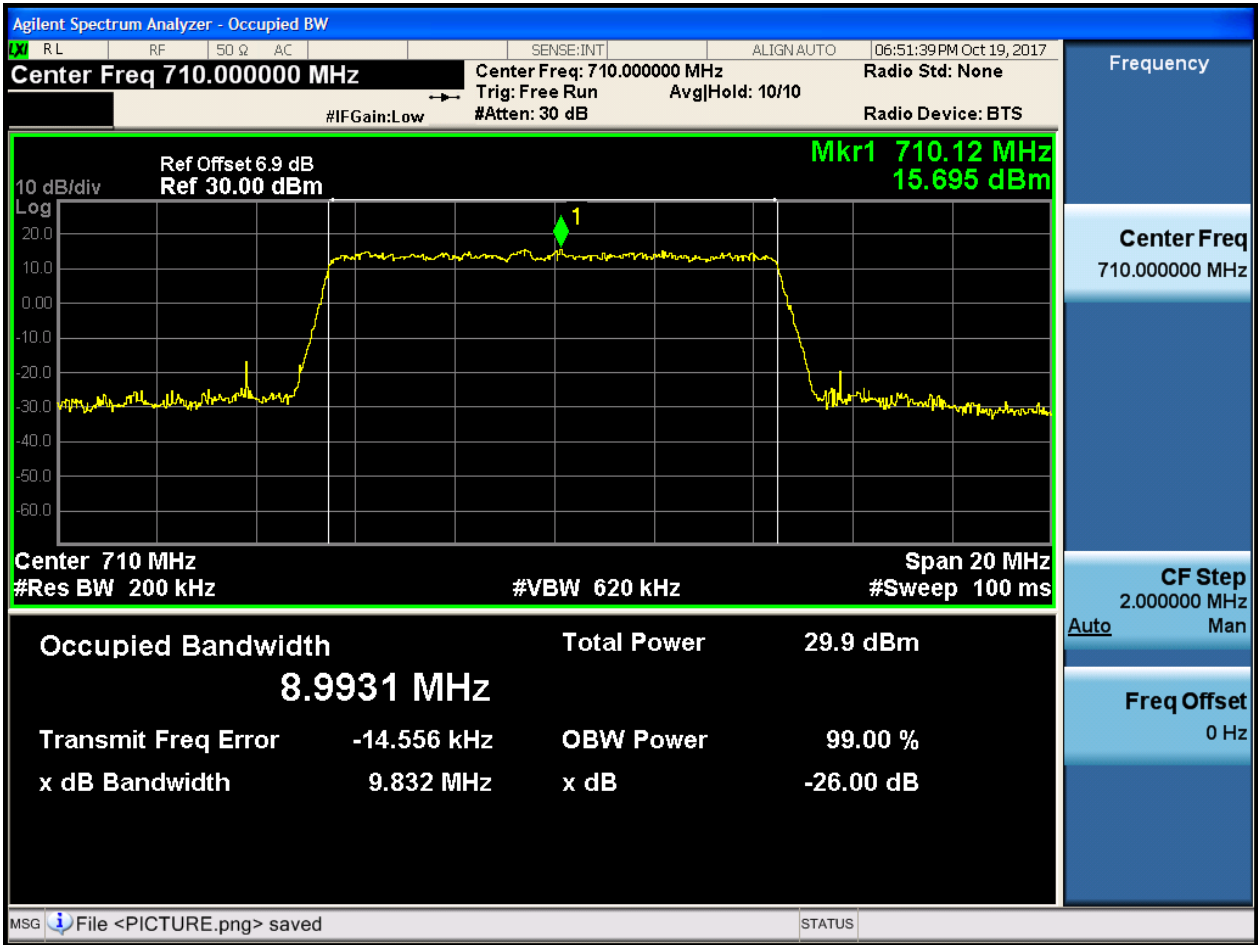
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

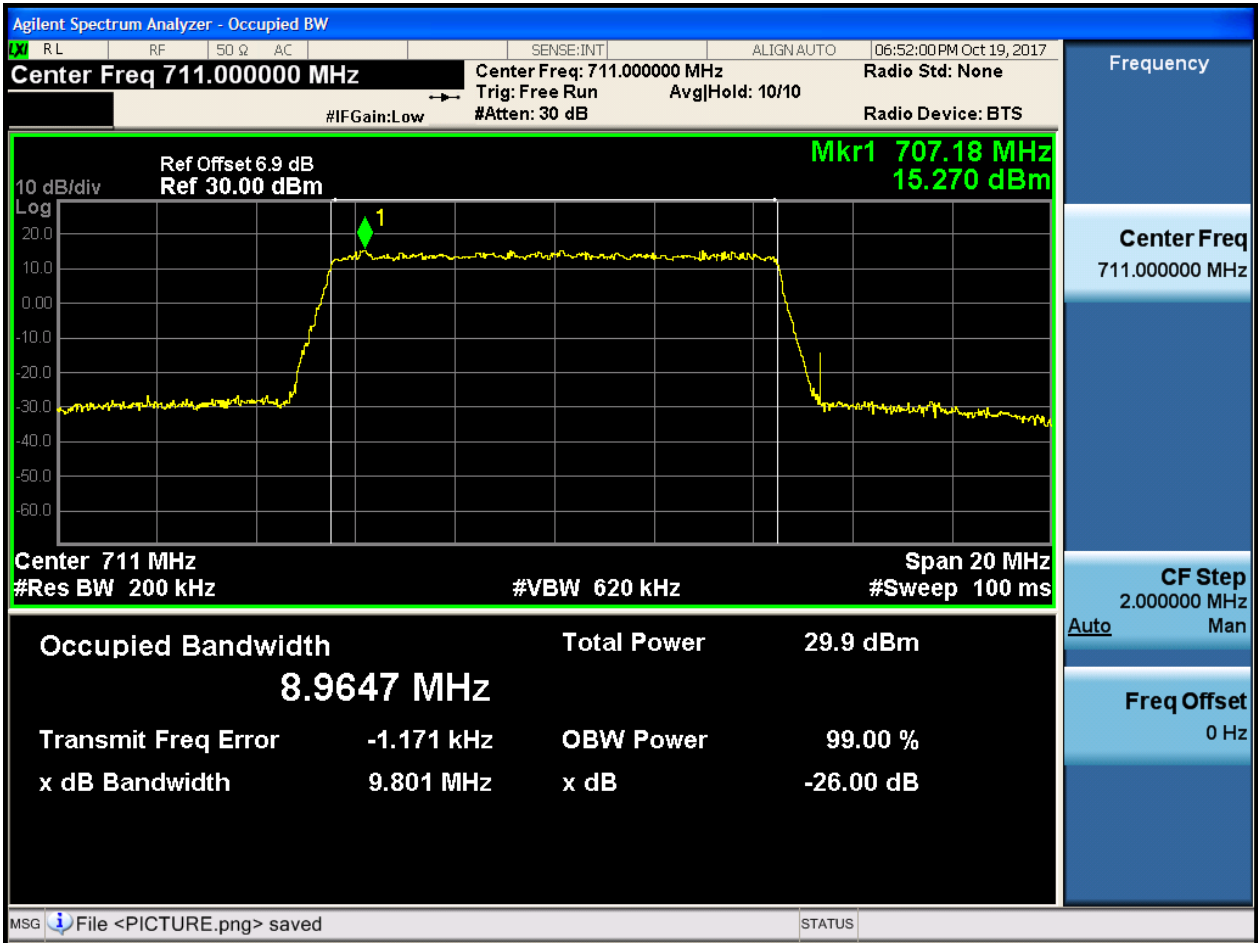
4.1.1.2.2.2.1 Test RB = RB50#0





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

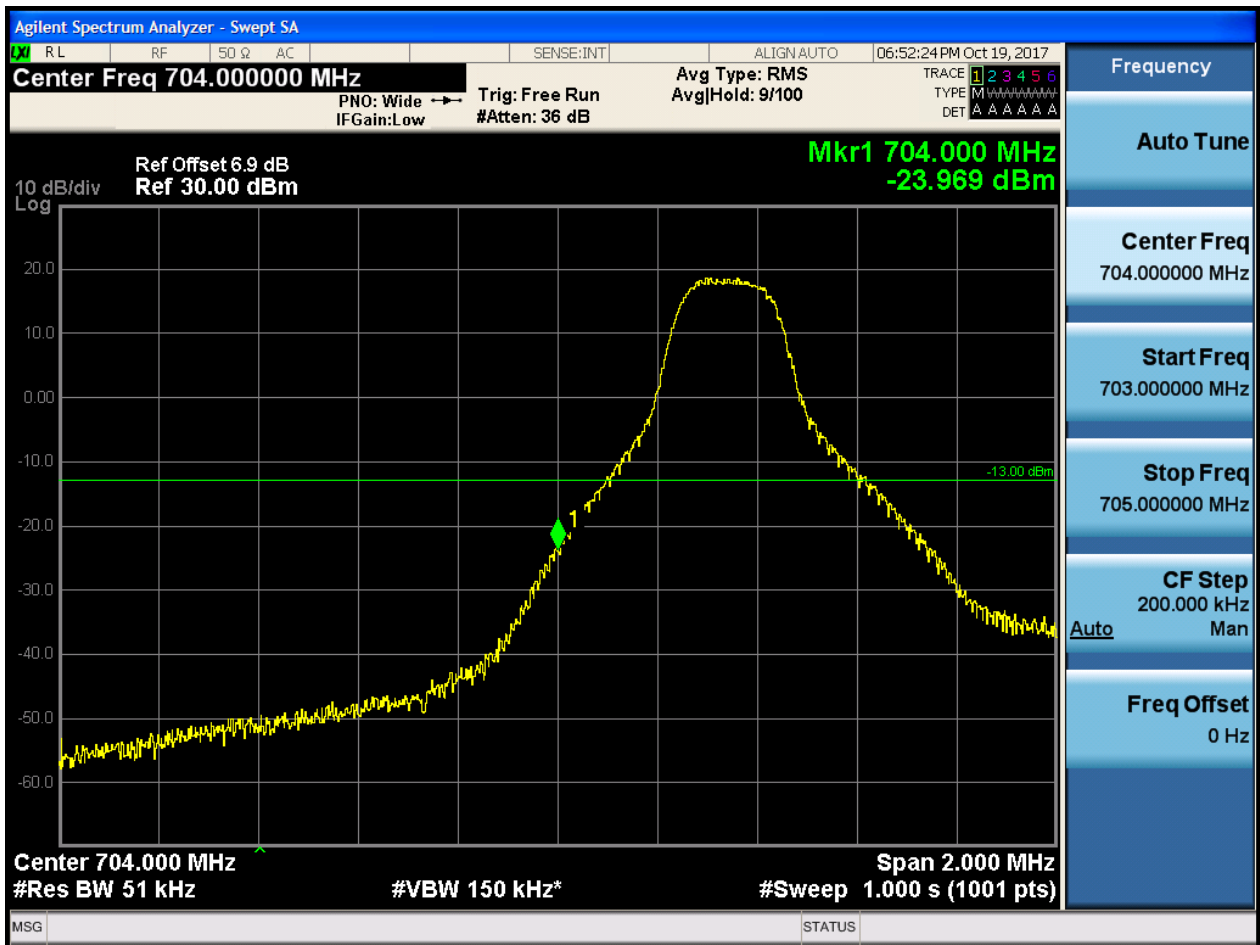
5.1.1 Test Band = BAND17

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1 .1 Test Bandwidth = 5

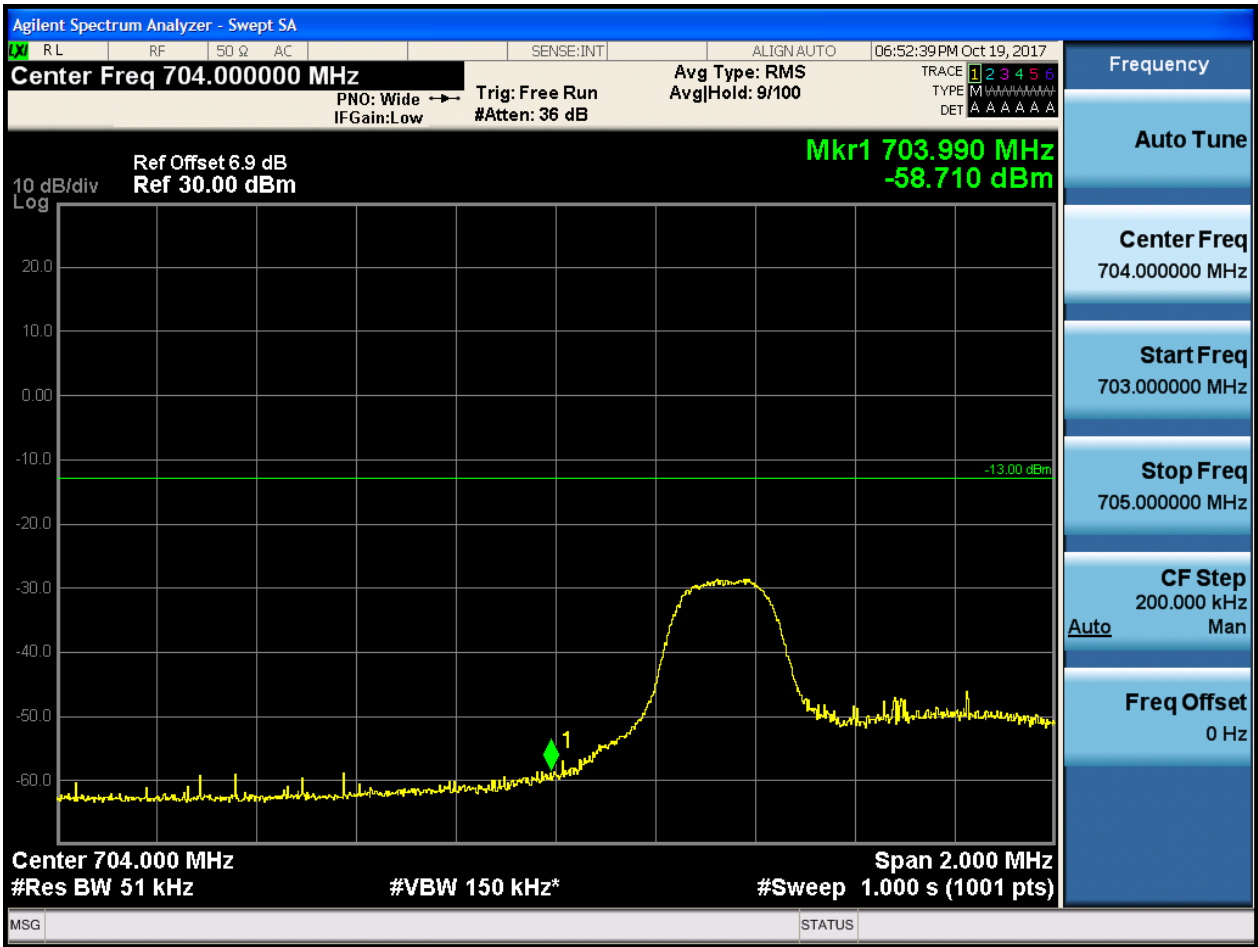
5.1.1.1 .1.1 Test Channel = LCH

5.1.1.1 .1.1.1 Test RB = RB1#0





5.1.1.1 .1.1.2 Test RB = RB1#24



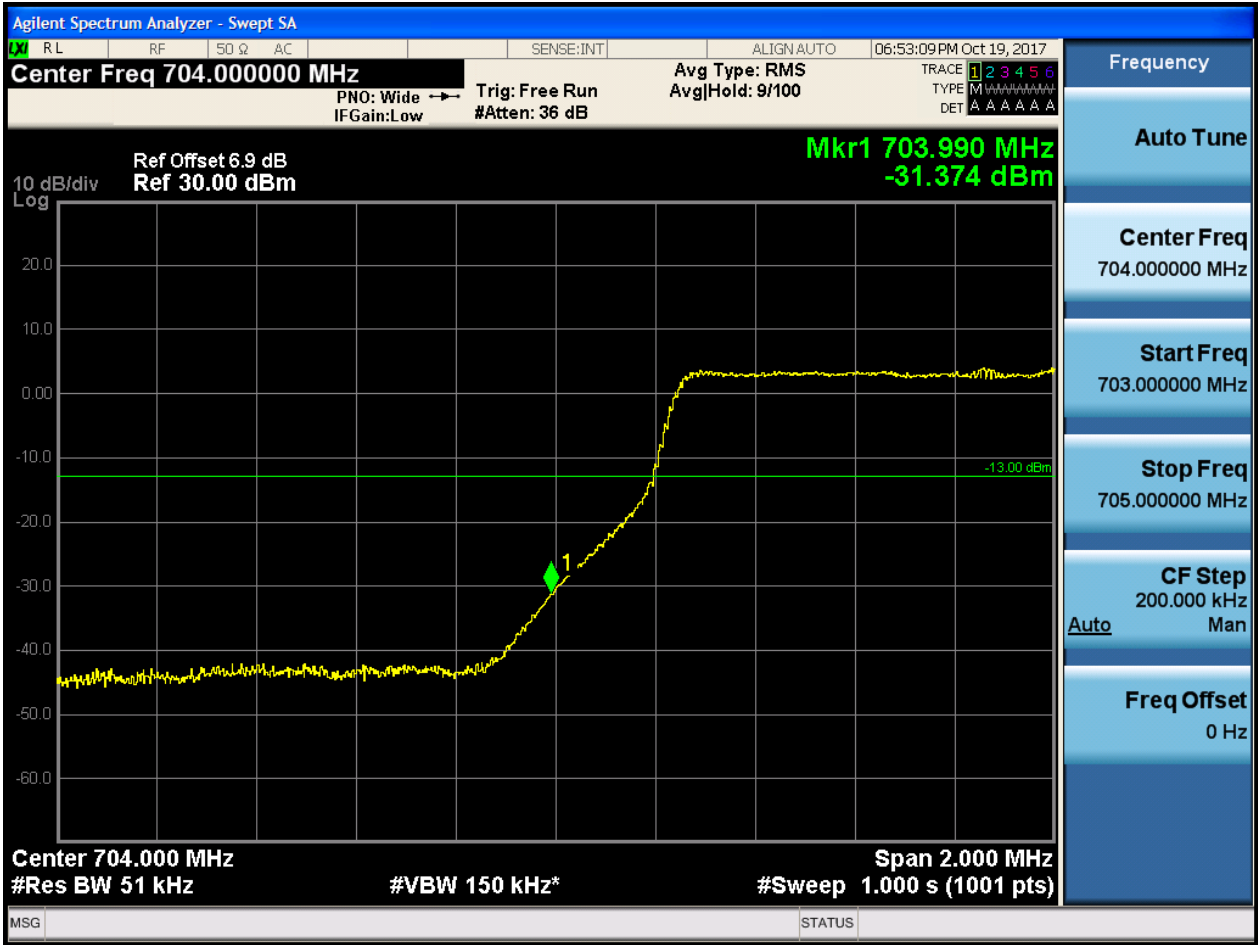


5.1.1.1 .1.1.3 Test RB = RB12#6





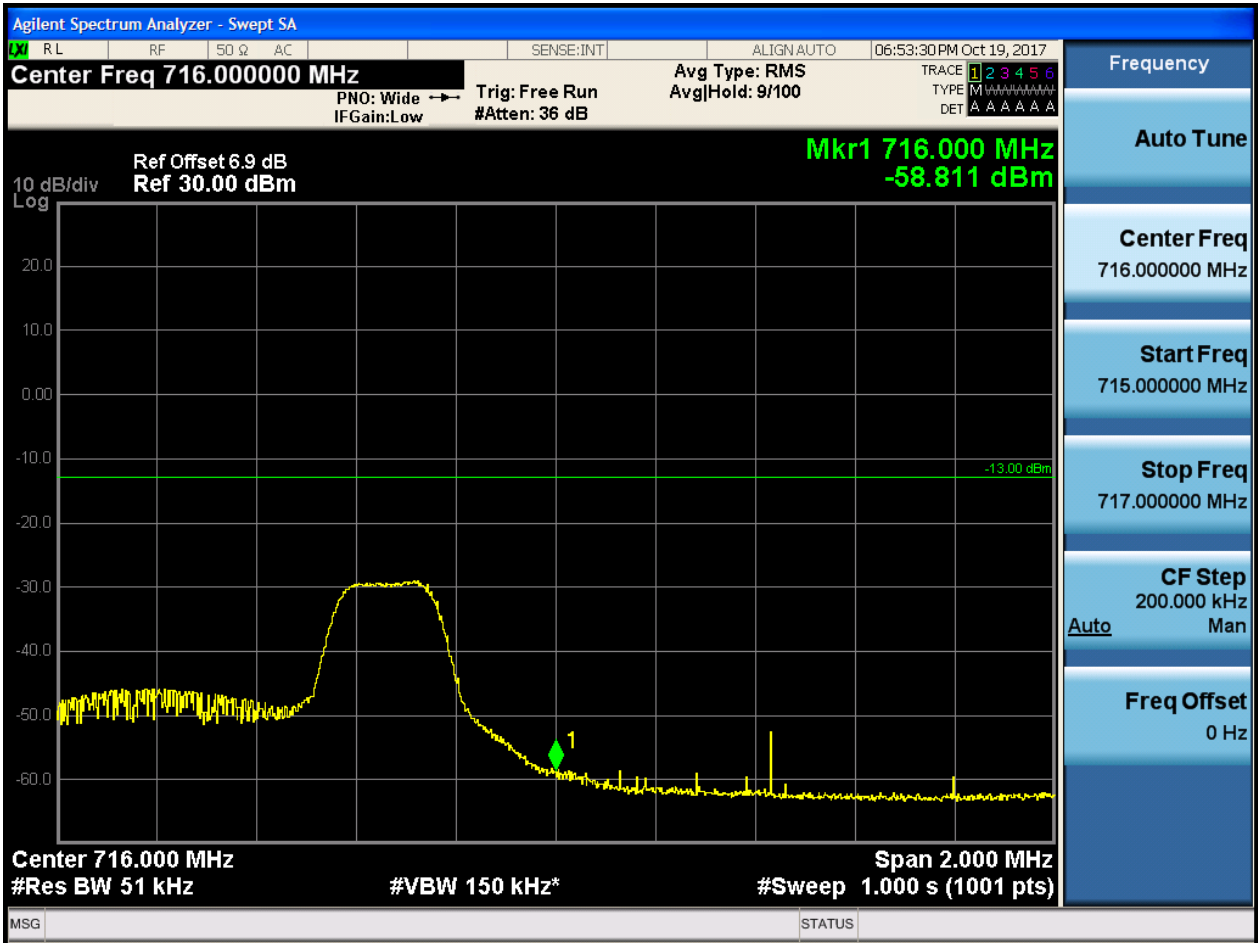
5.1.1.1 .1.1.4 Test RB = RB25#0





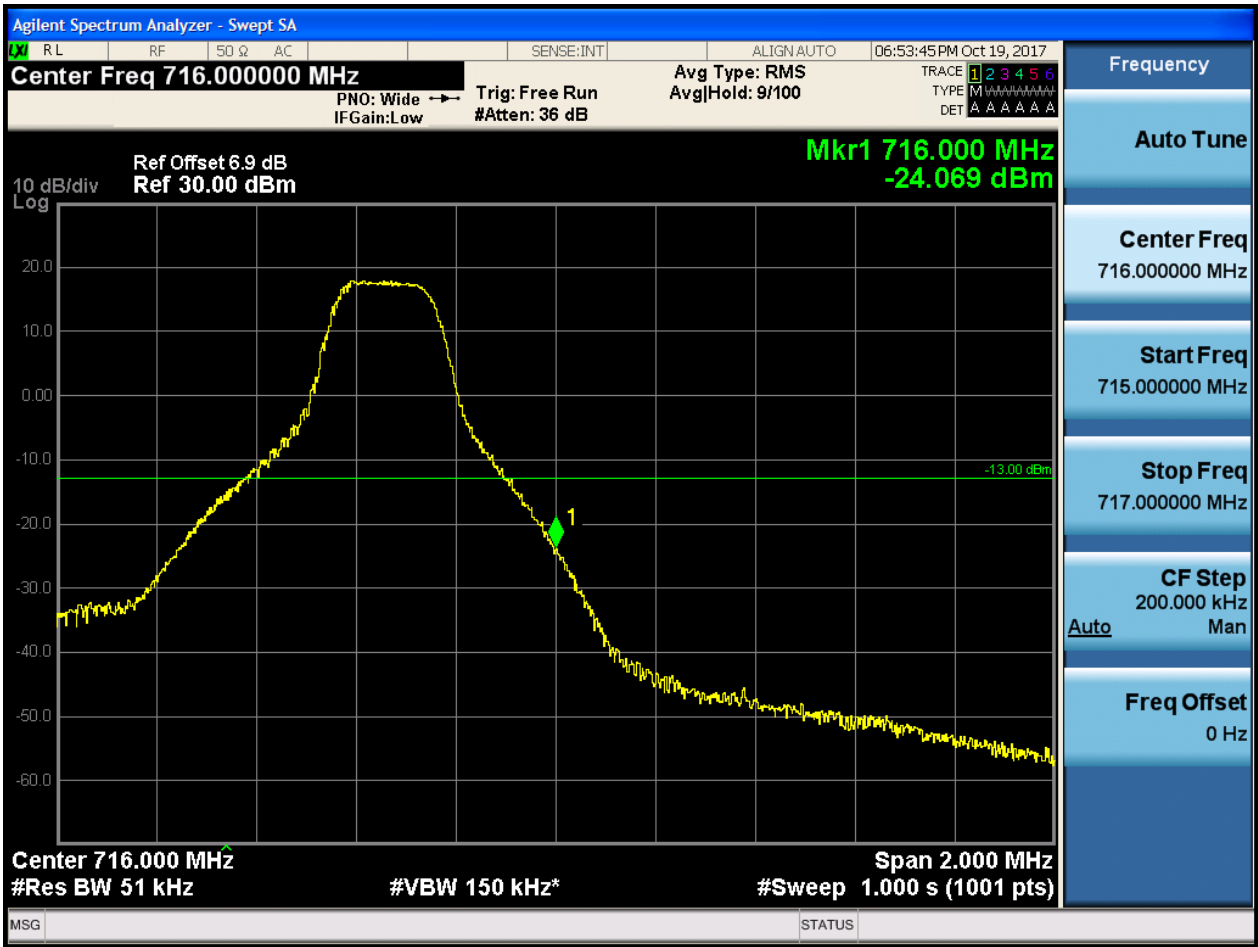
5.1.1.1 .1.2 Test Channel = HCH

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

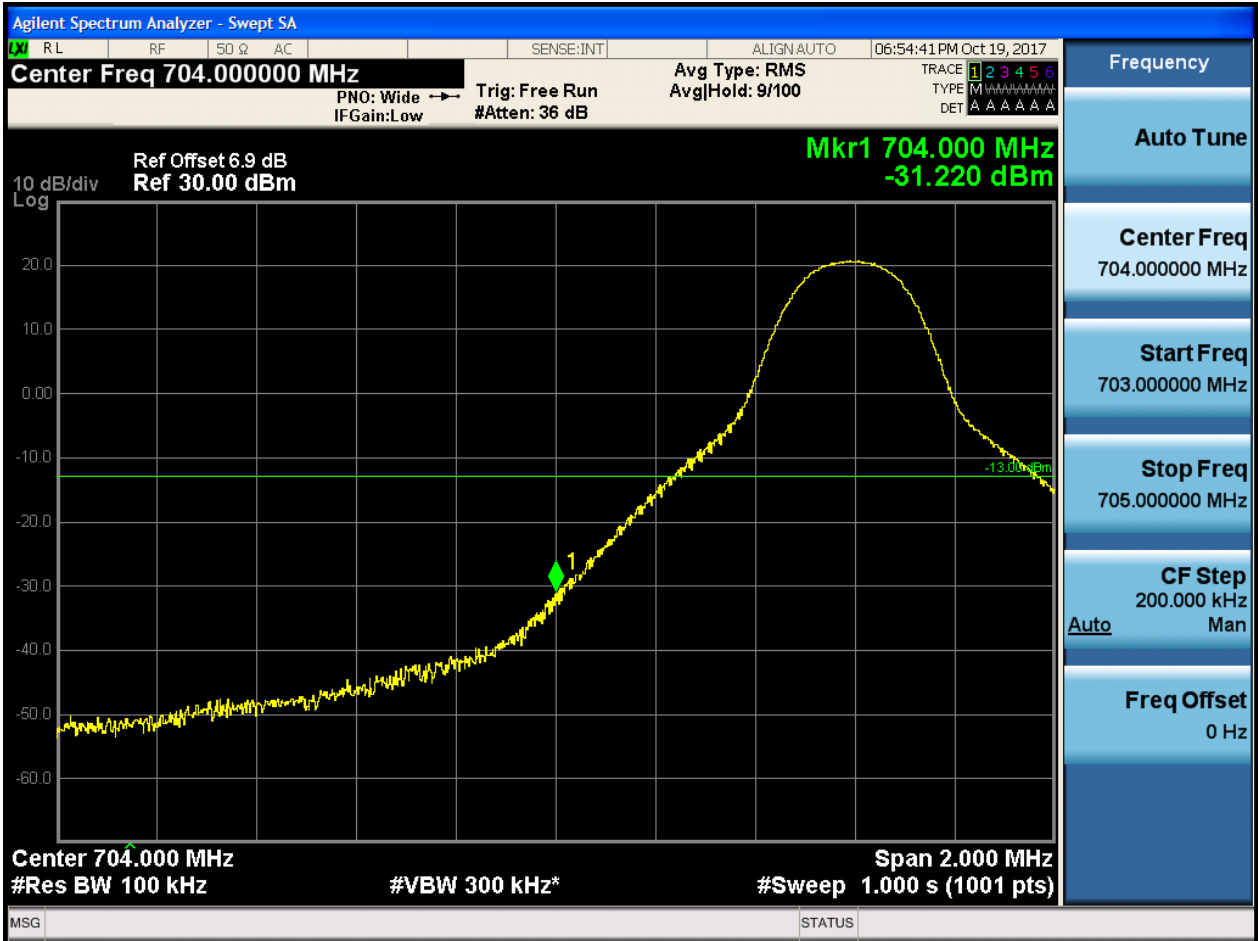




5.1.1.1.2 Test Bandwidth = 10

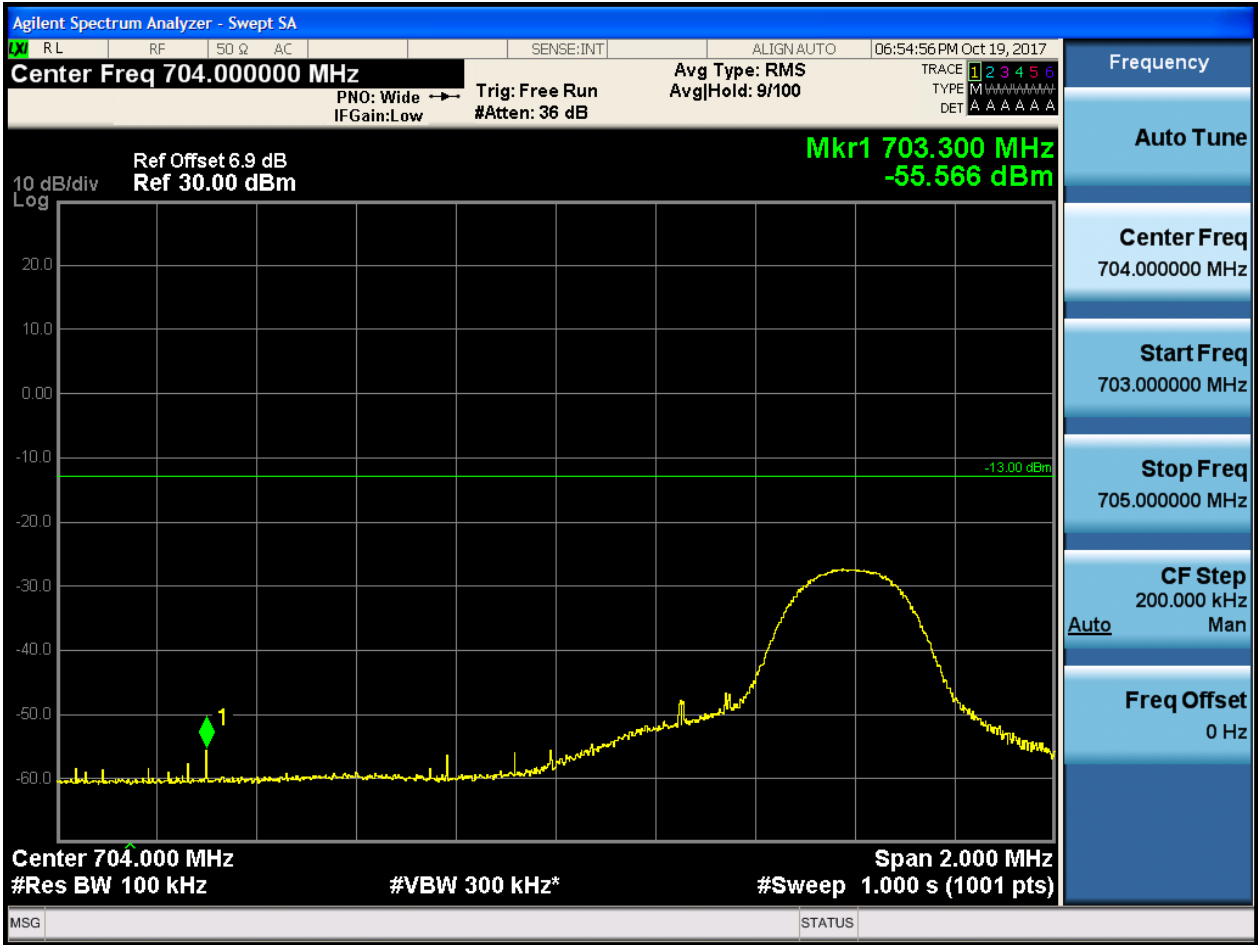
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



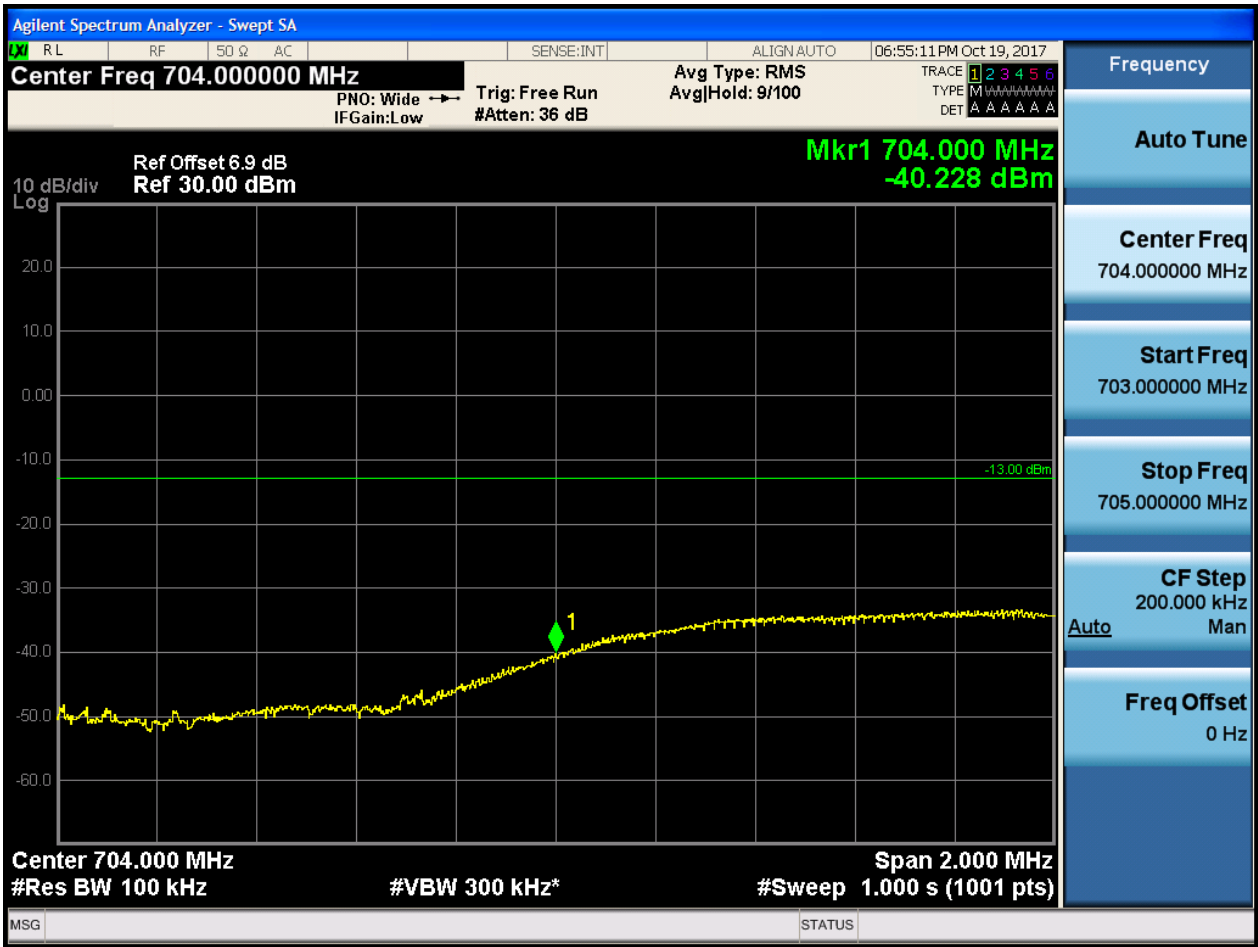


5.1.1.1.2.1.2 Test RB = RB1#49



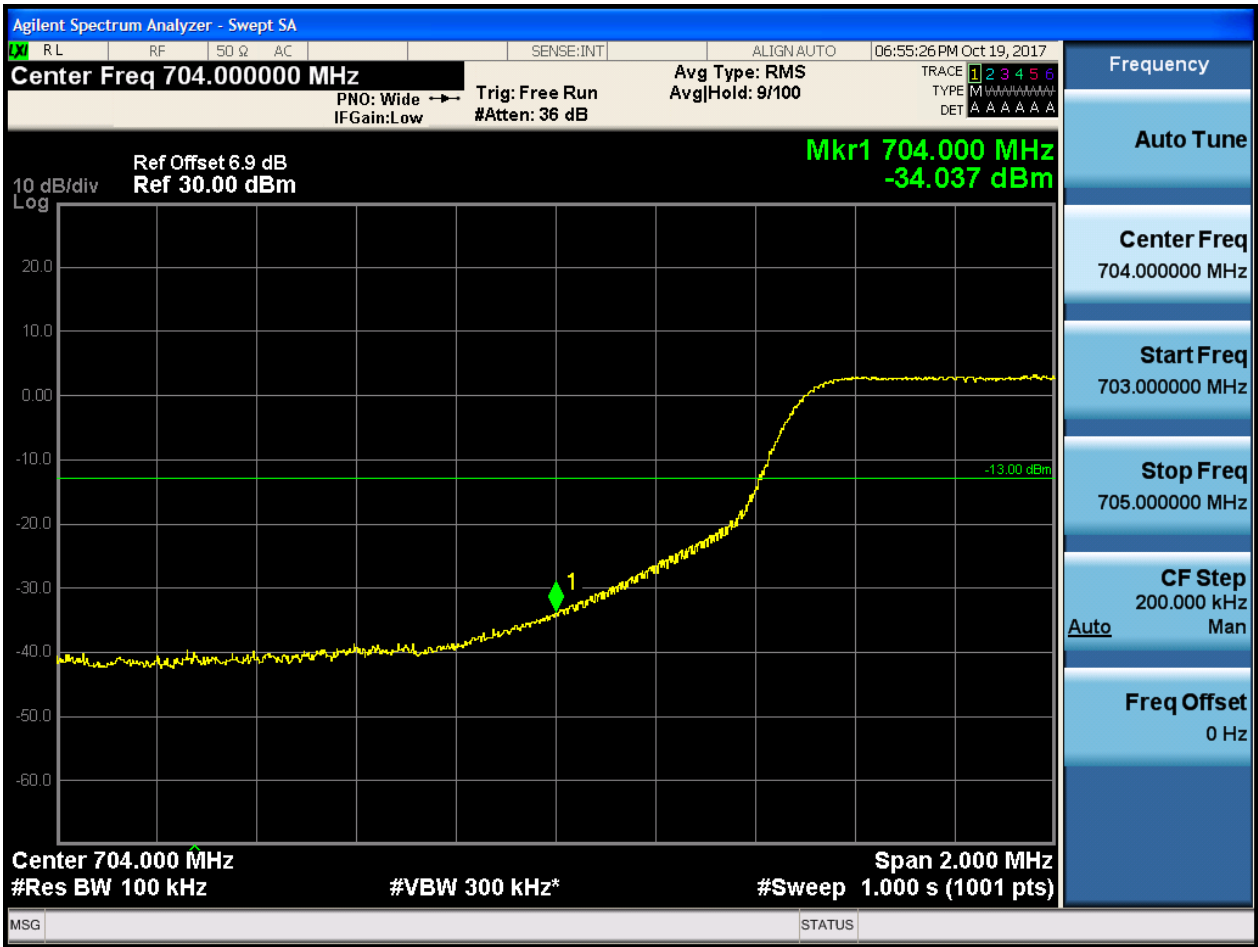


5.1.1.1.2.1.3 Test RB = RB25#13





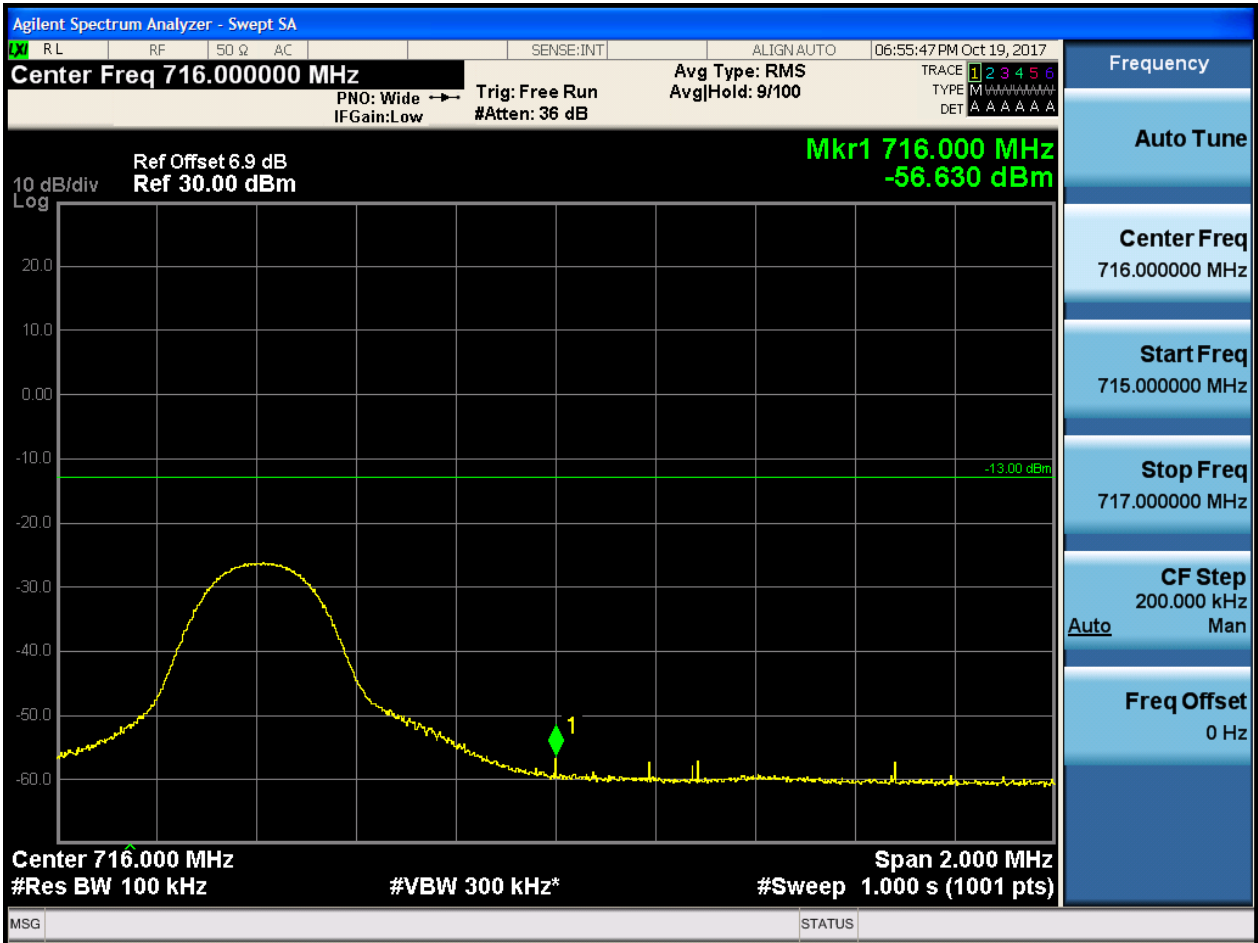
5.1.1.1.2.1.4 Test RB = RB50#0





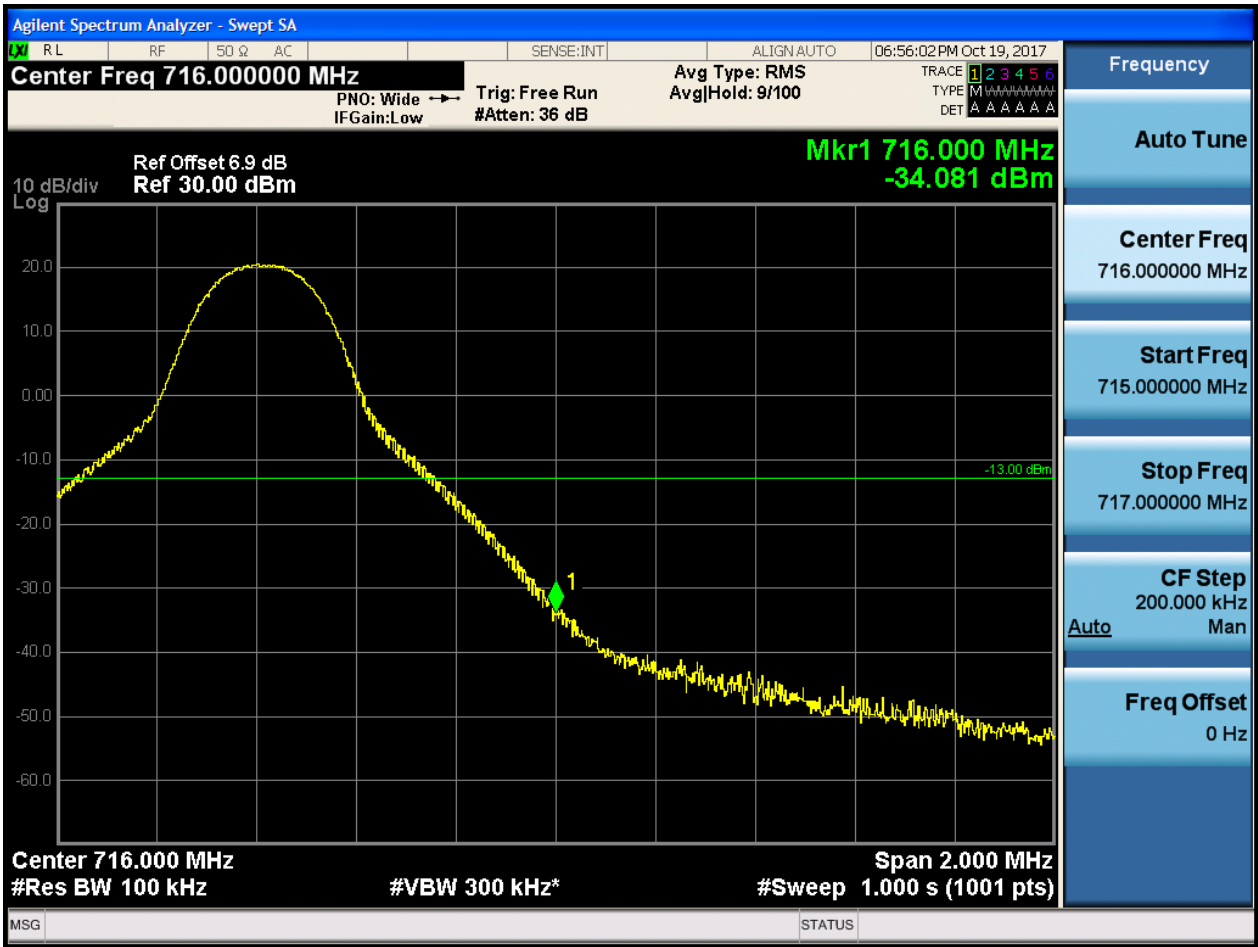
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



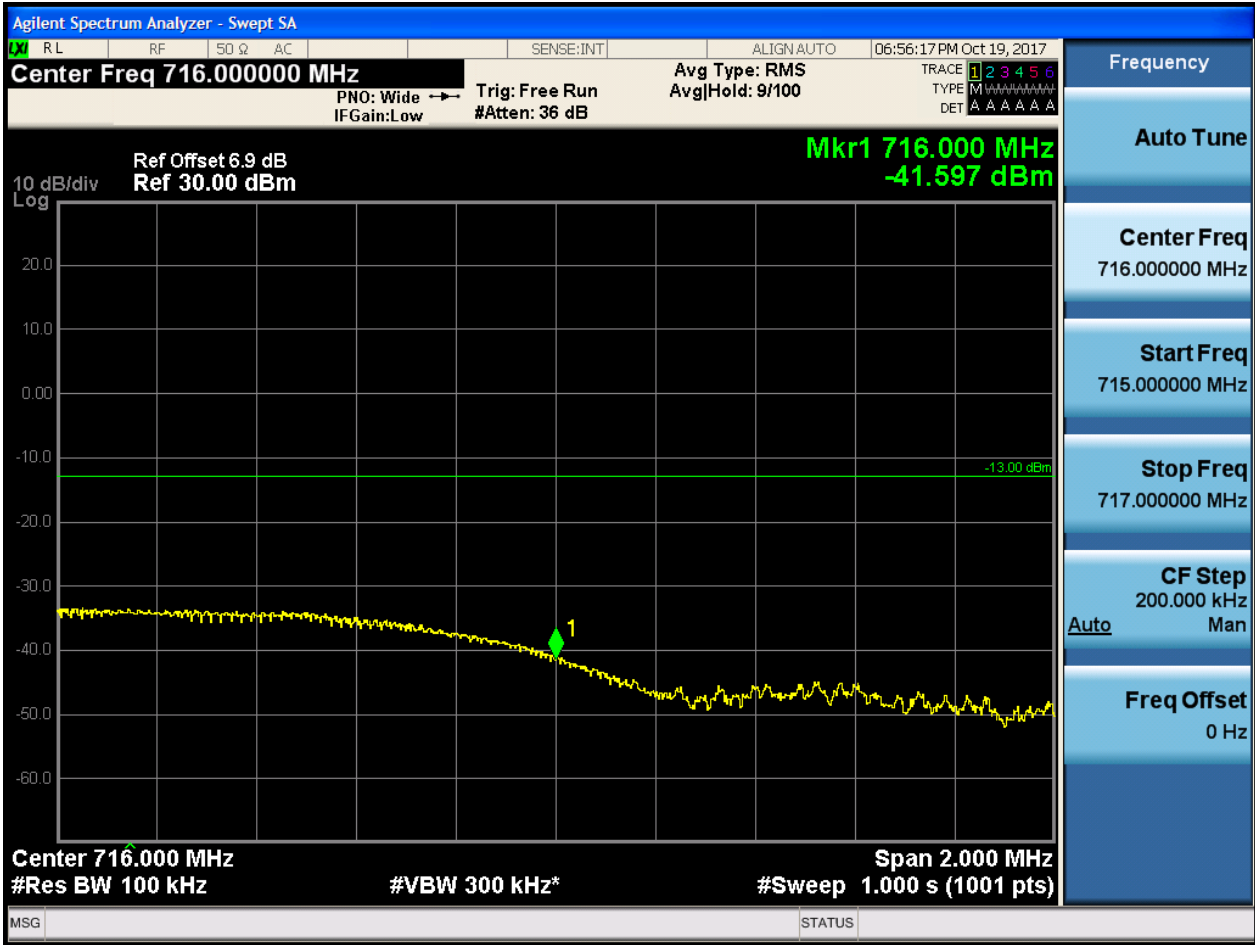


5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0



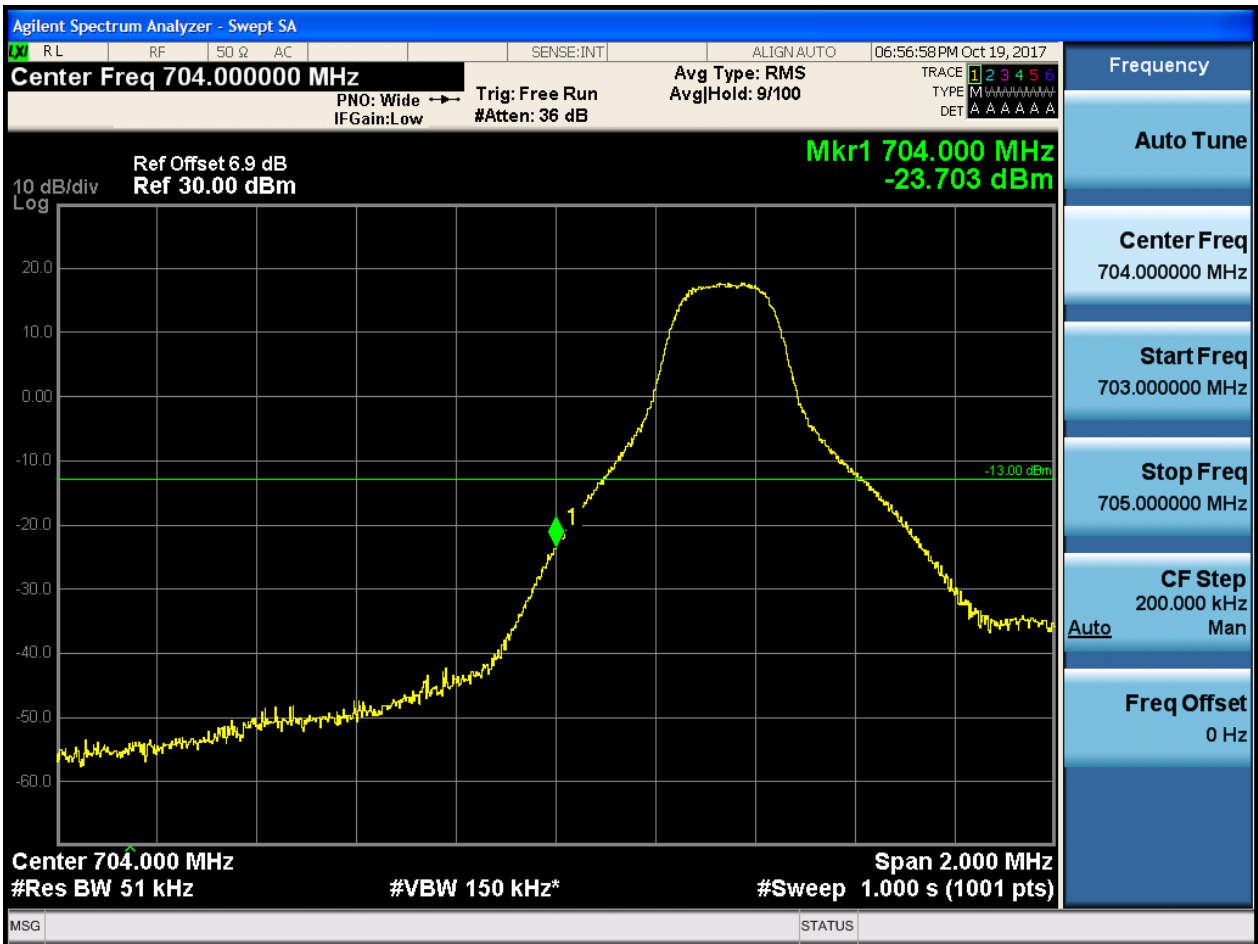


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

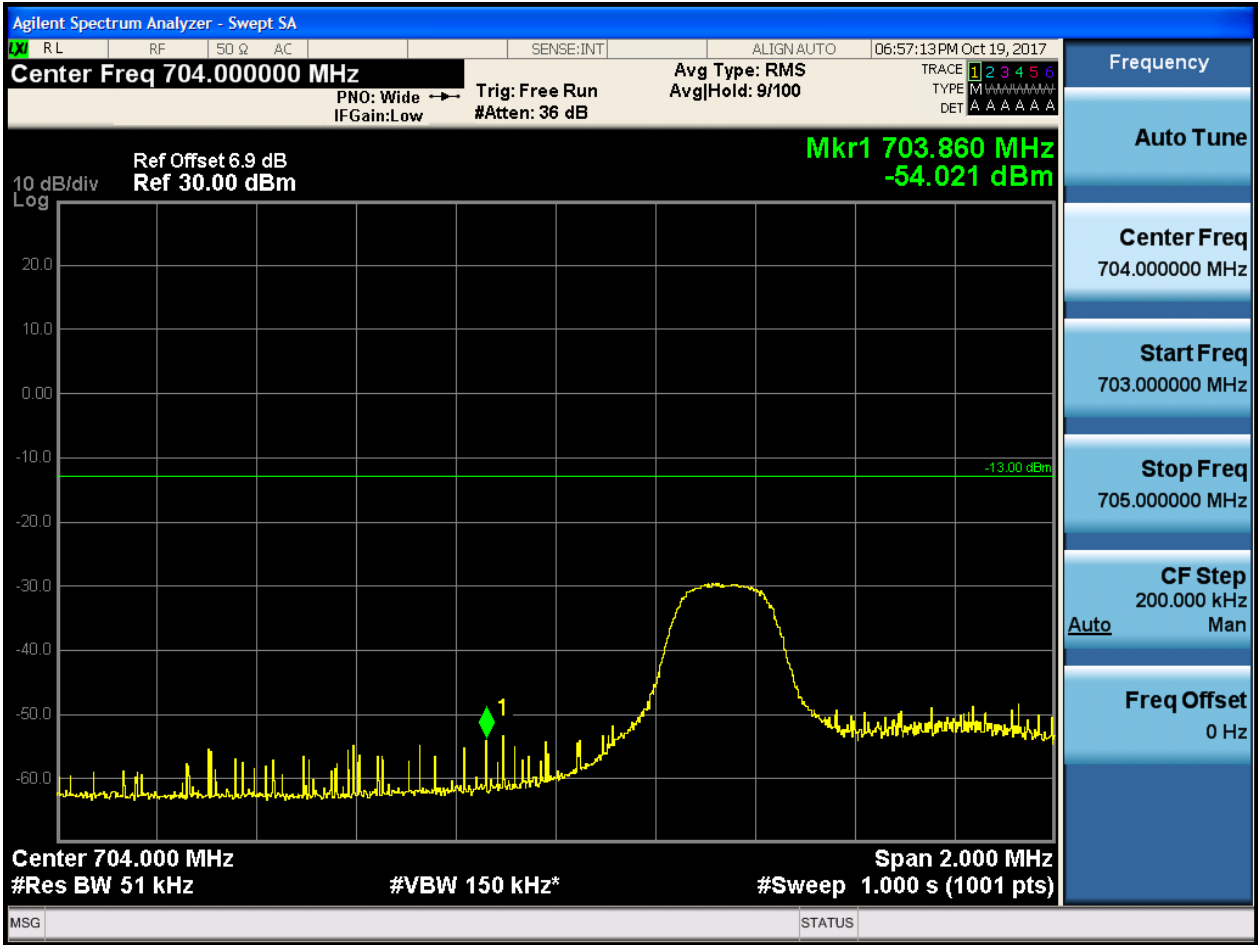
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#24



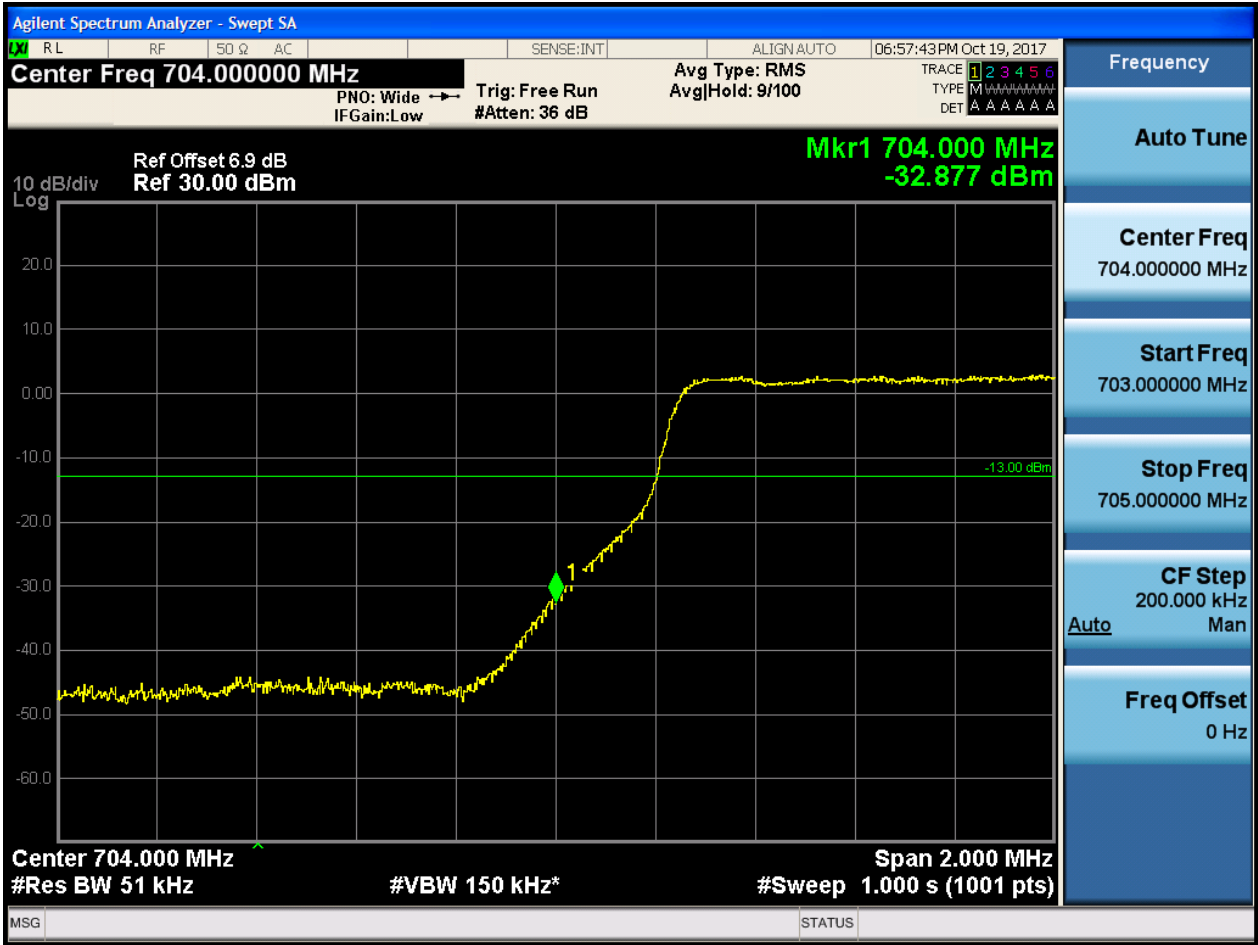


5.1.1.2.1.1.3 Test RB = RB12#6





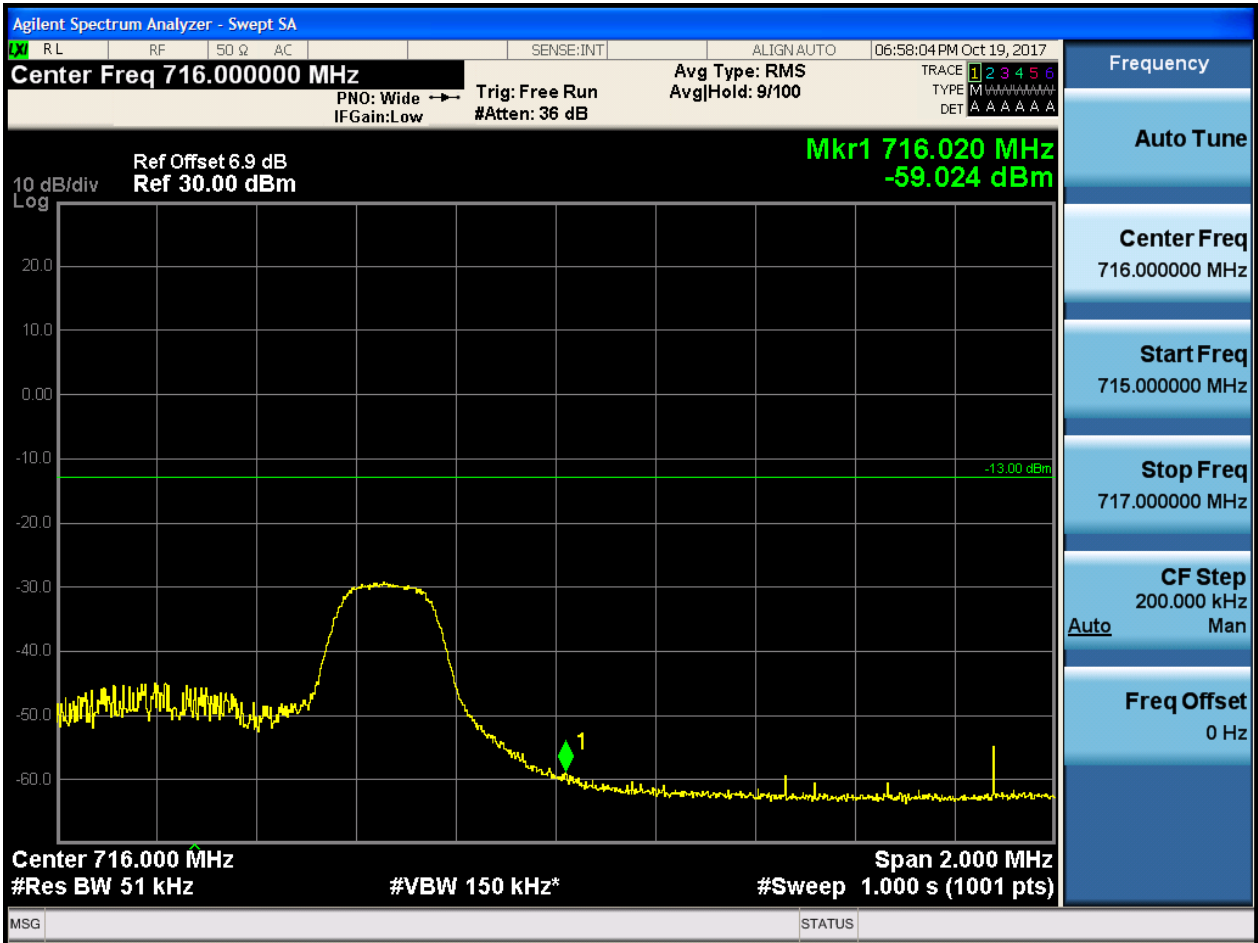
5.1.1.2.1.1.4 Test RB = RB25#0





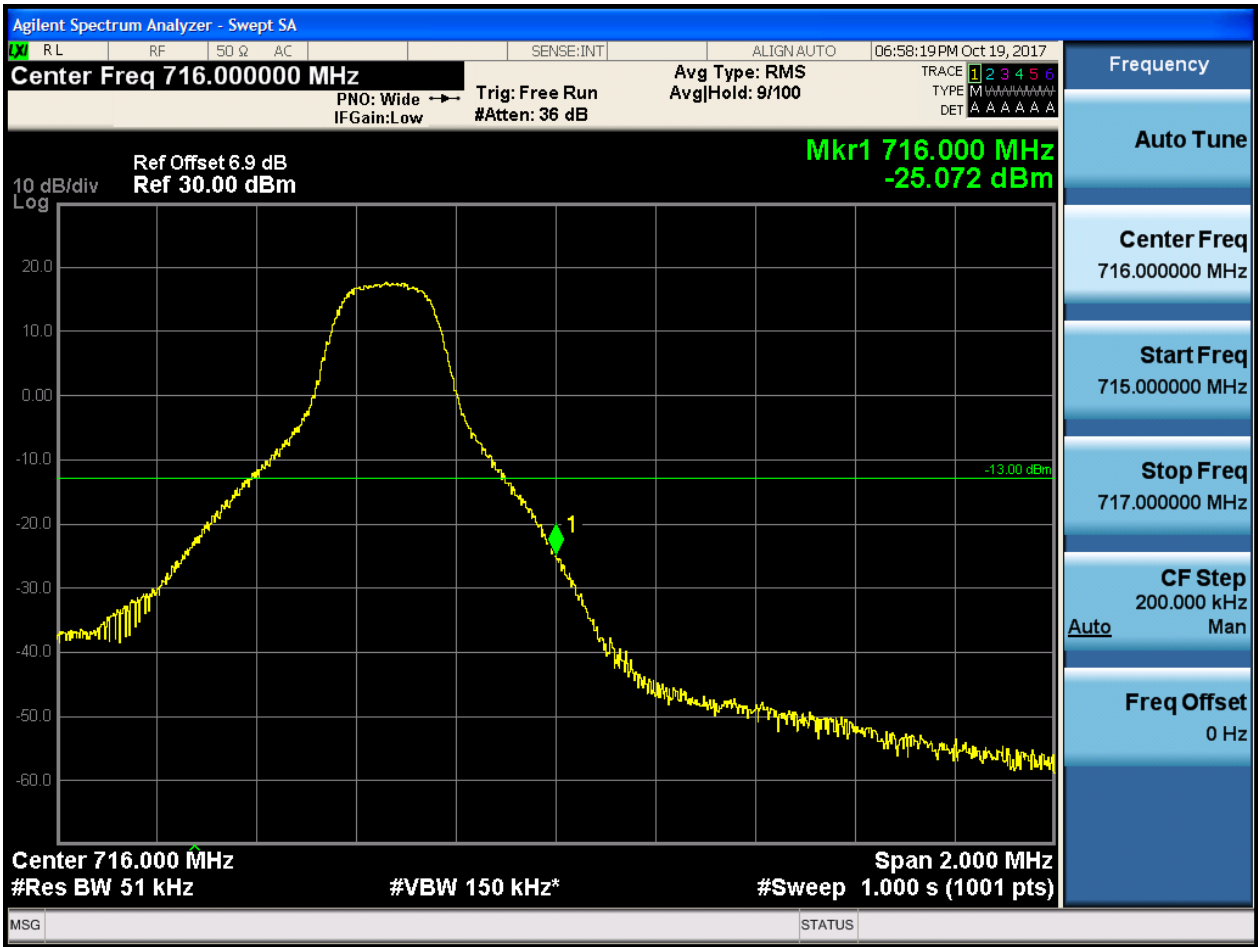
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#24



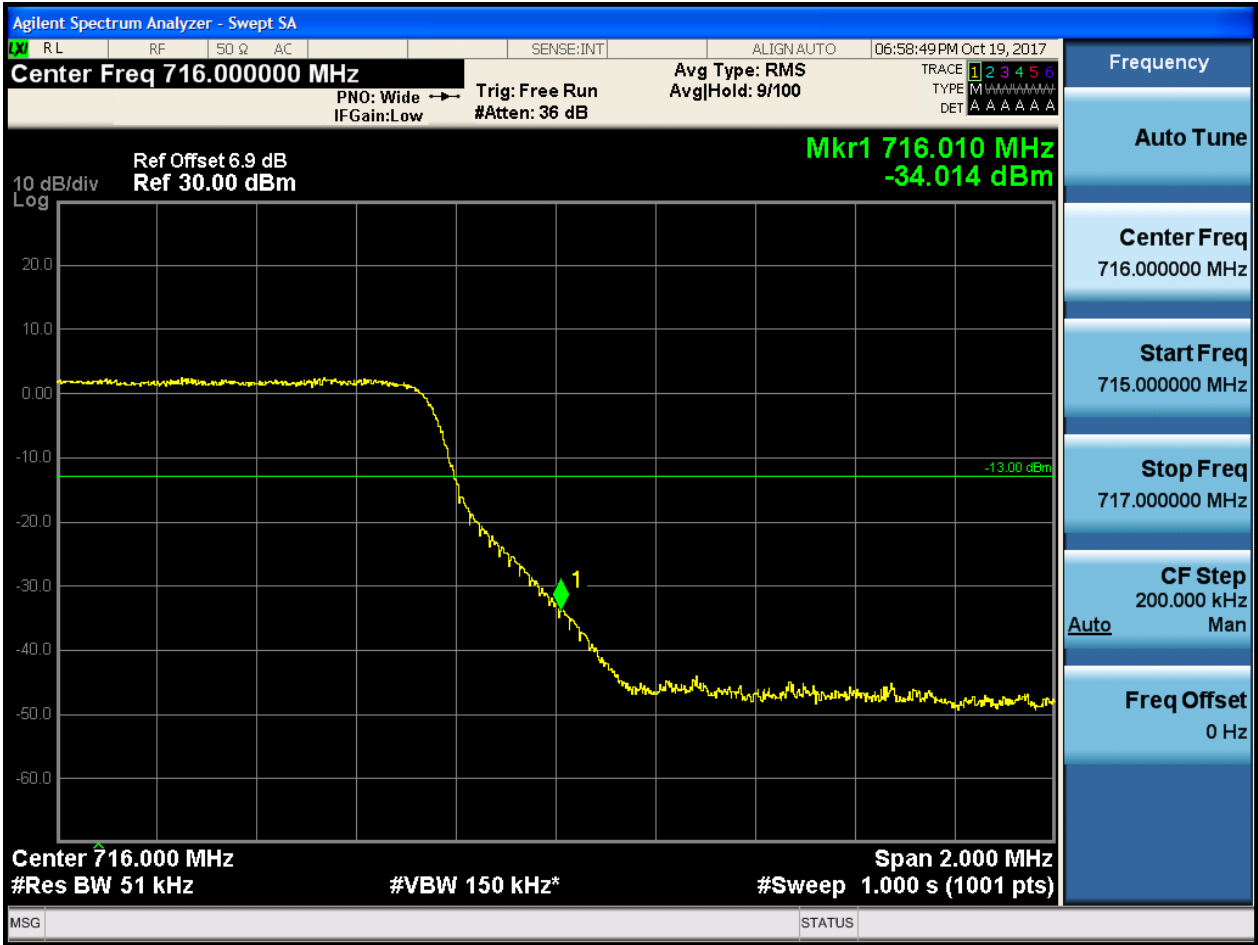


5.1.1.2.1.2.3 Test RB = RB12#6





5.1.1.2.1.2.4 Test RB = RB25#0

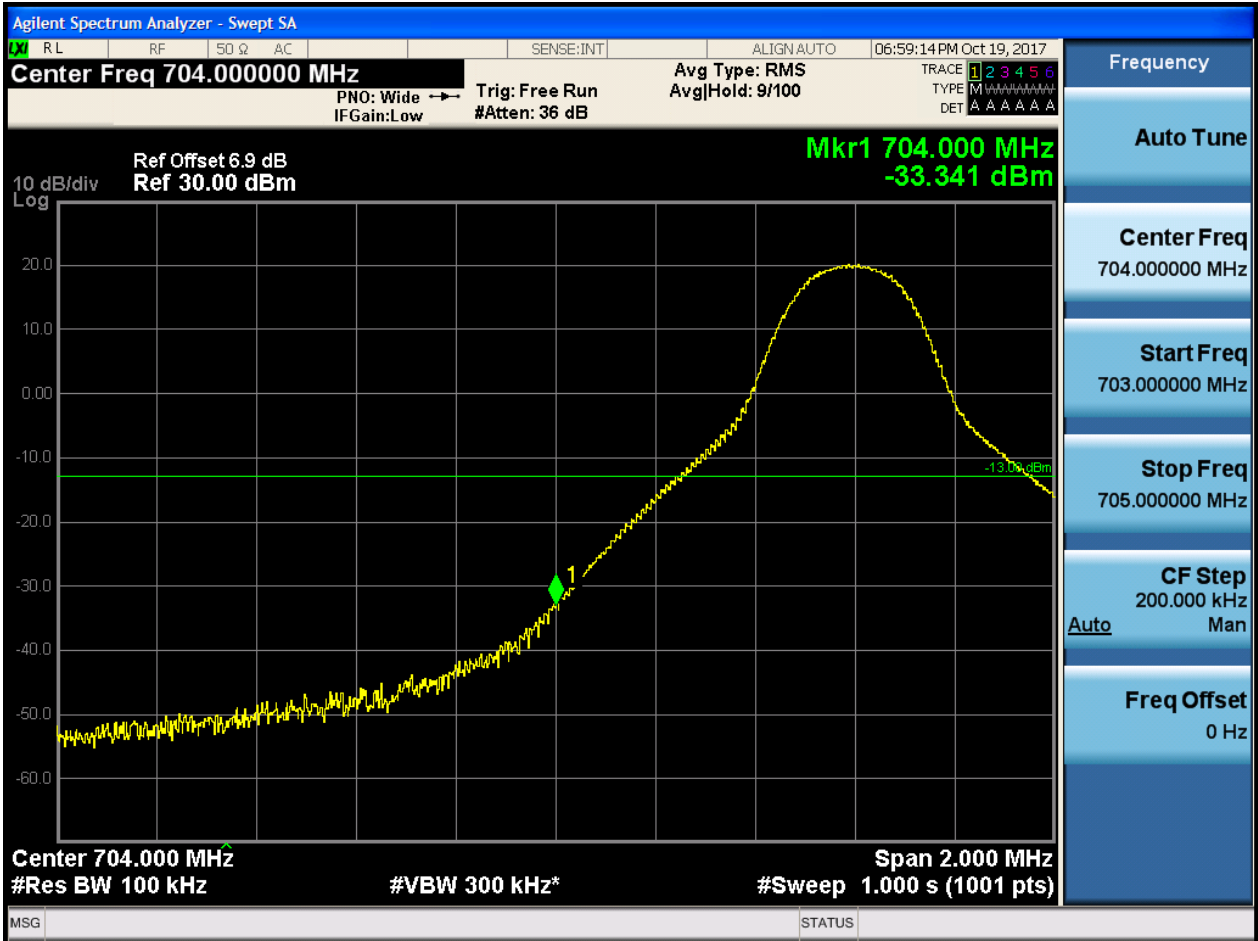




5.1.1.2.2 Test Bandwidth = 10

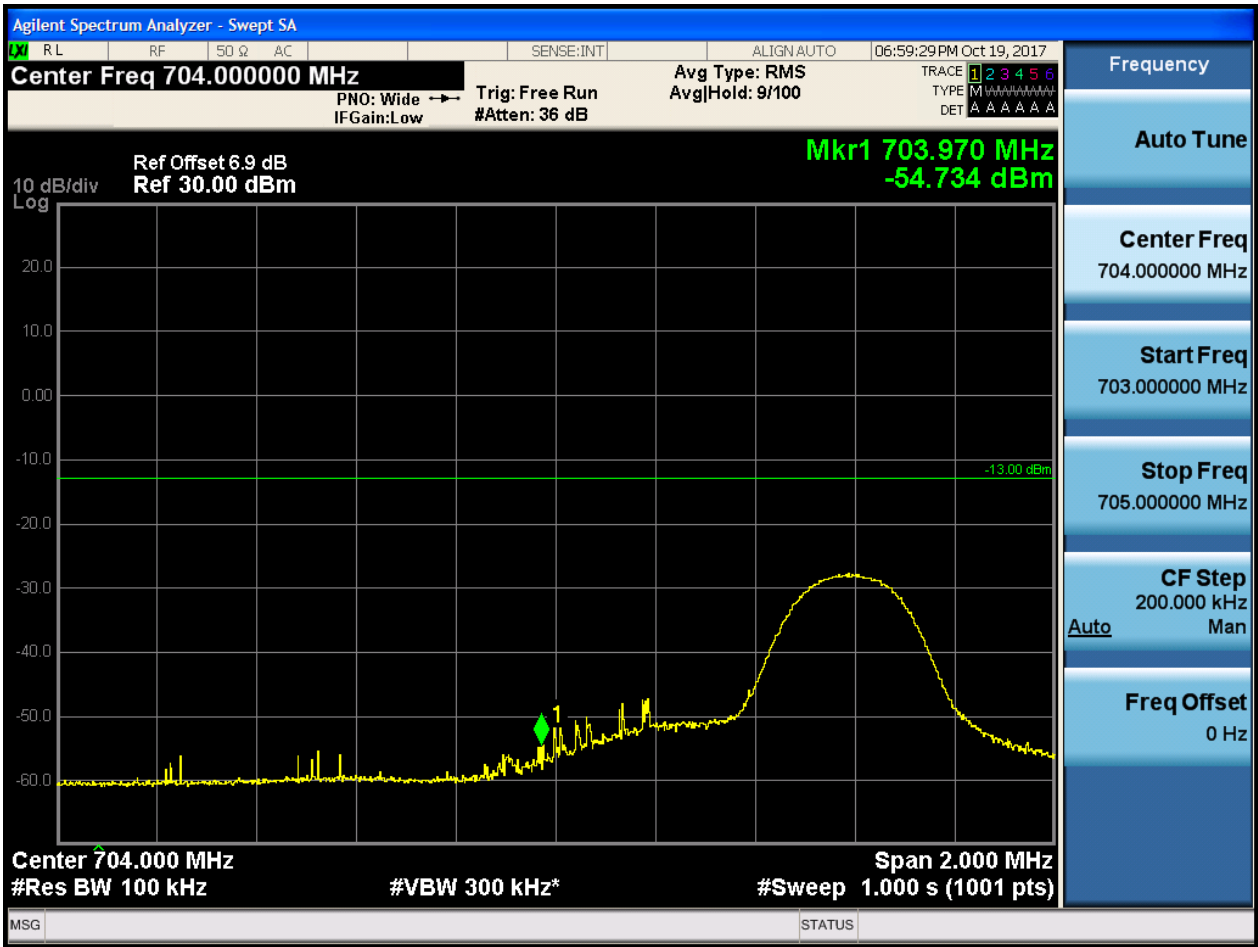
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



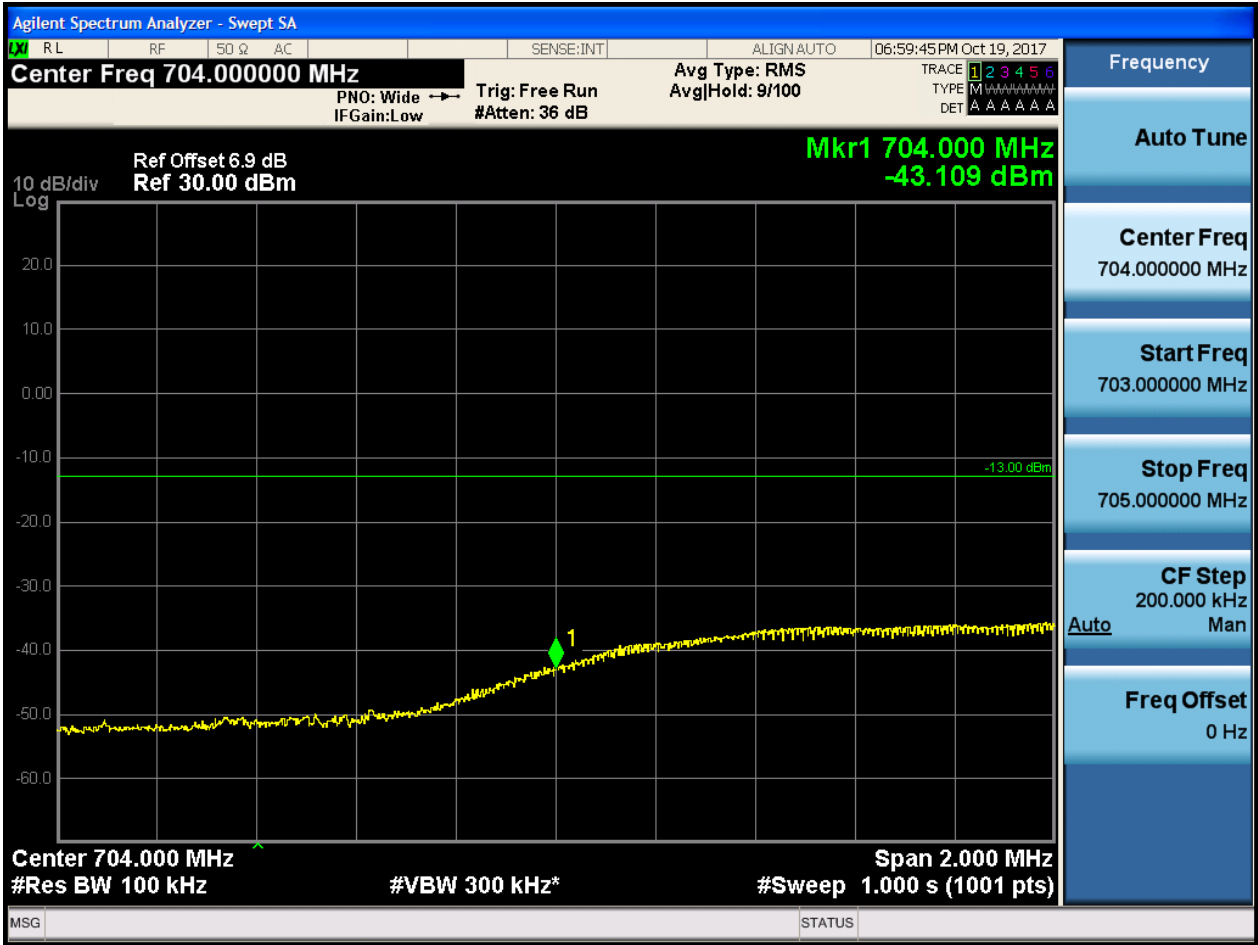


5.1.1.2.2.1.2 Test RB = RB1#49





5.1.1.2.2.1.3 Test RB = RB25#13





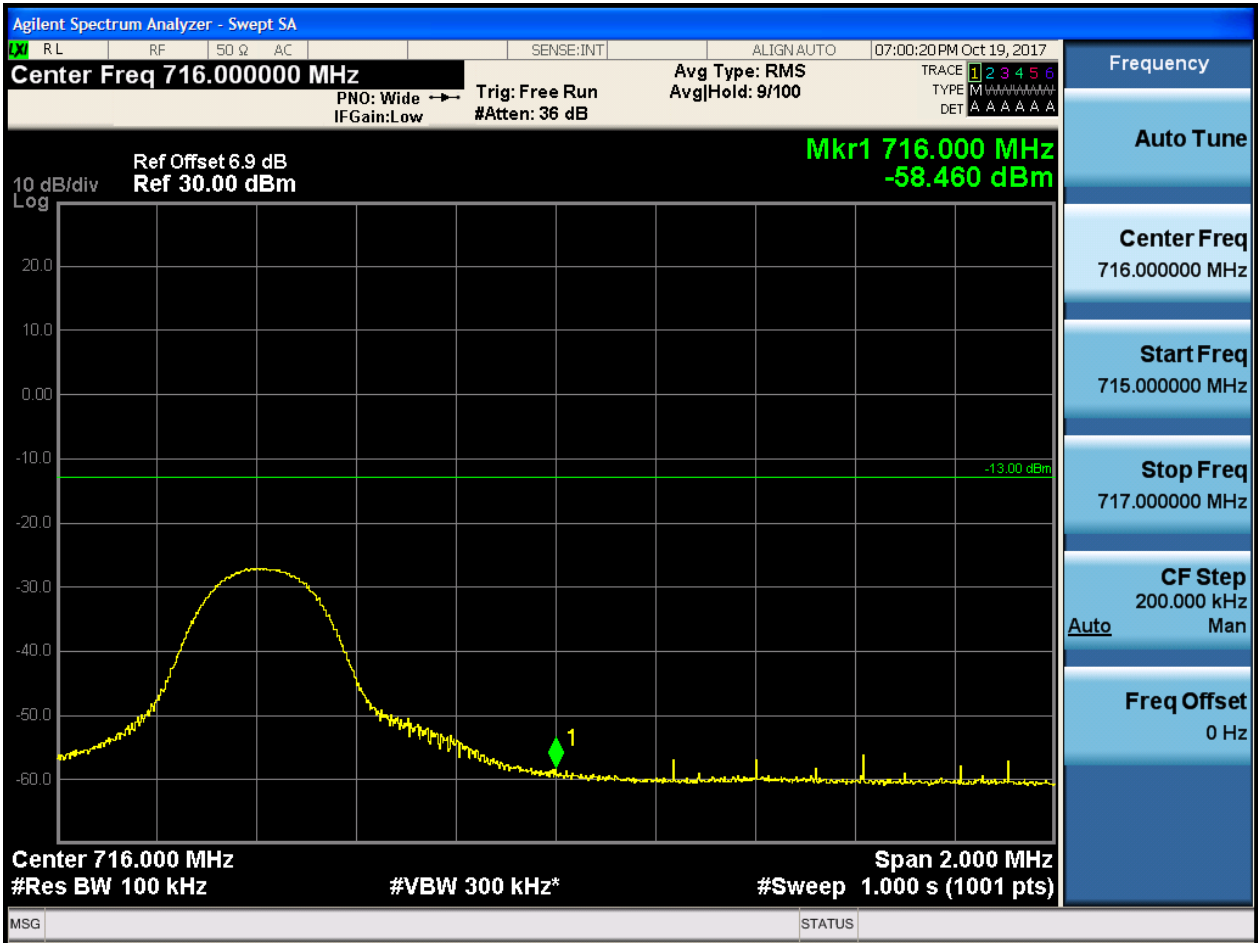
5.1.1.2.2.1.4 Test RB = RB50#0





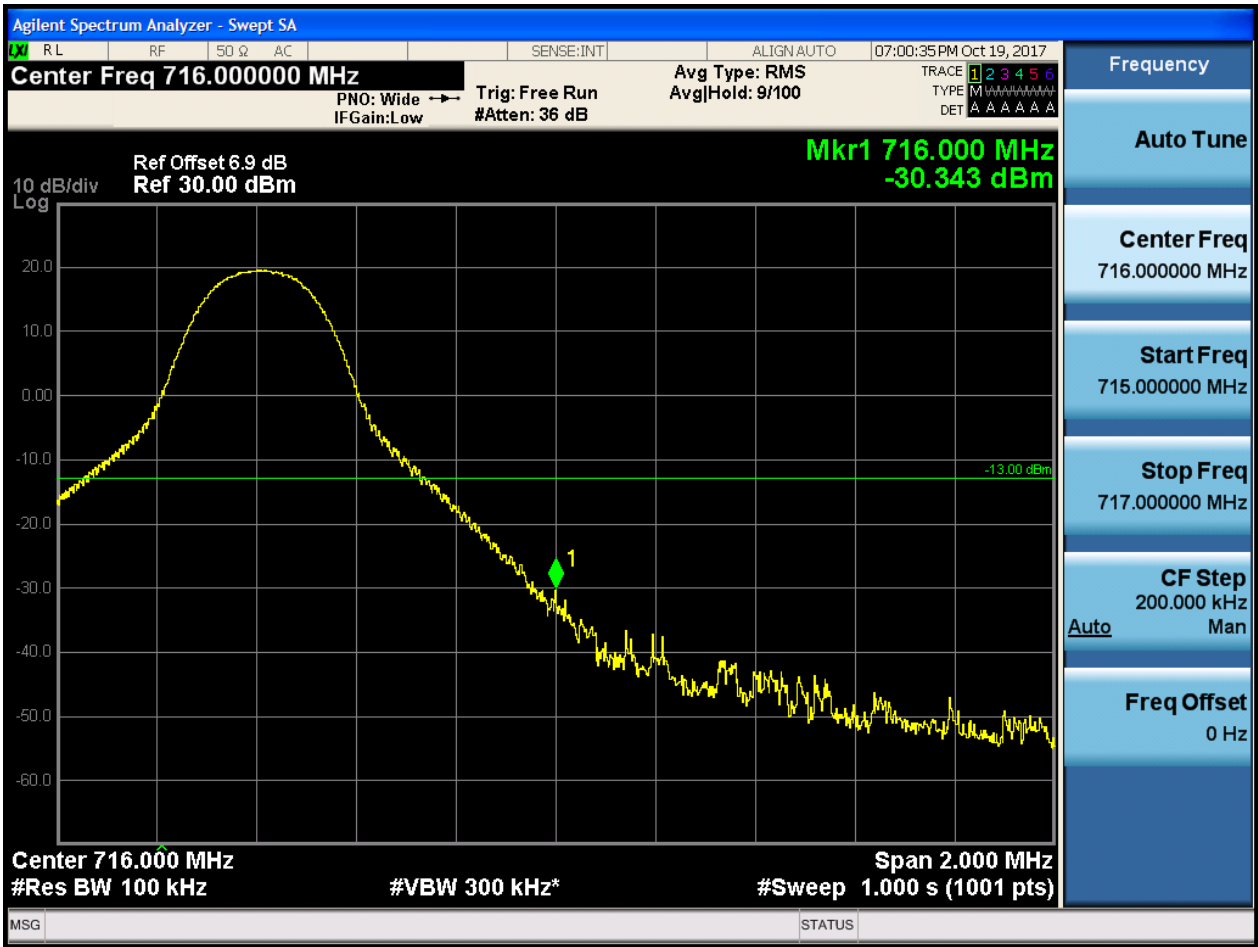
5.1.1.2.2.2 Test Channel = HCH

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





5.1.1.2.2.2.4 Test RB = RB50#0





6Appendix_F: Spurious Emission at Antenna Terminal

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

Part I - Test Plots

6.1 For LTE

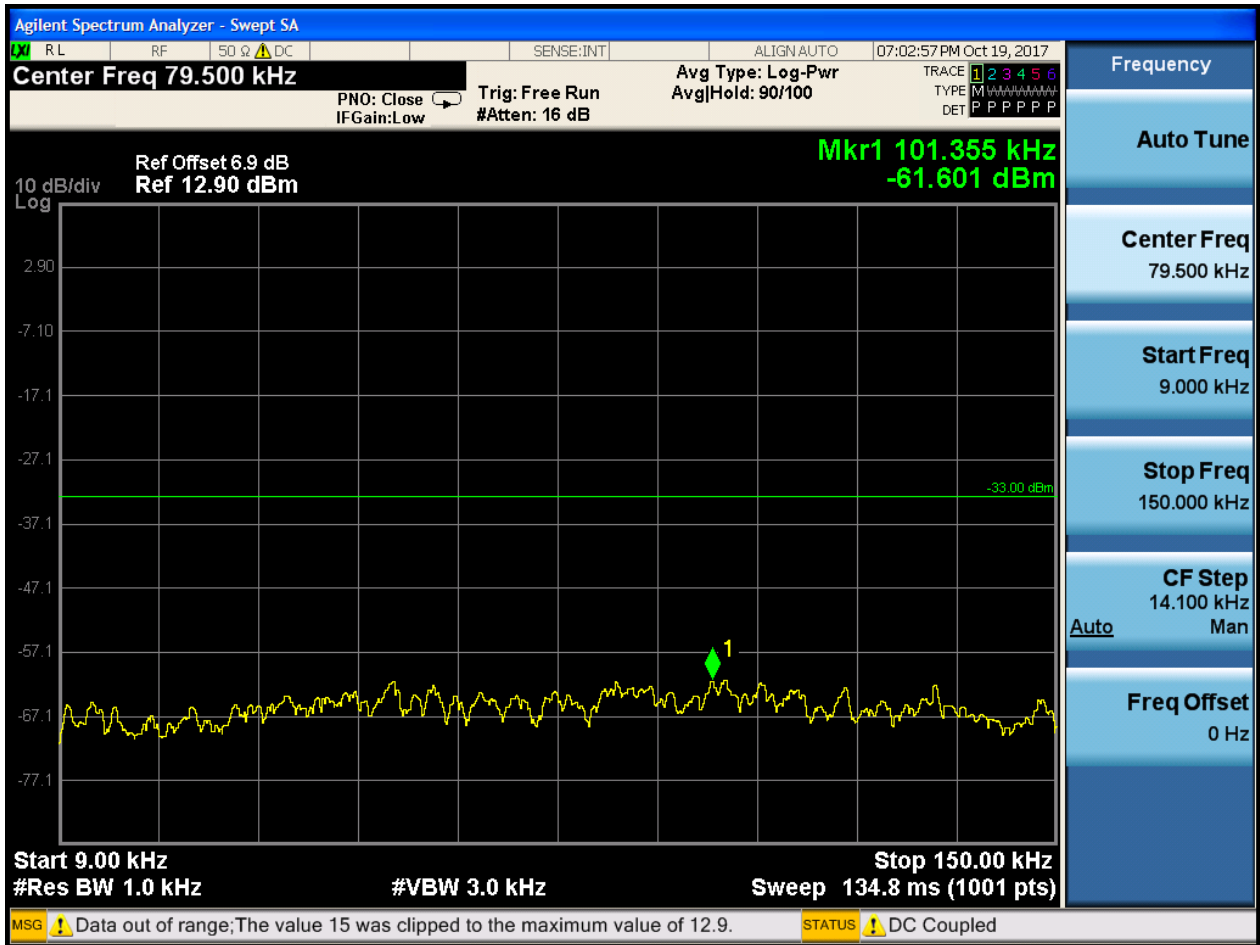
6.1.1 Test Band = BAND17

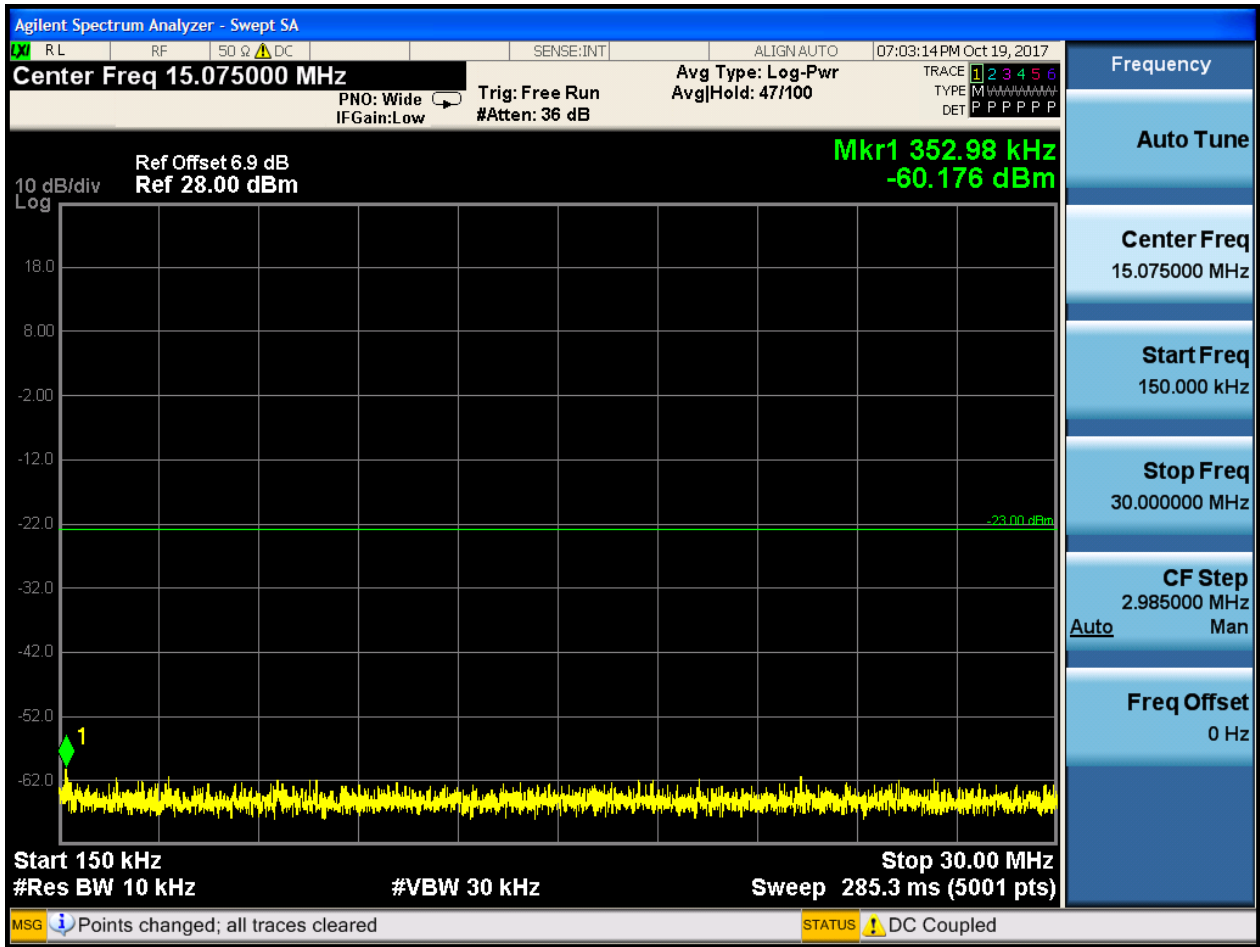
6.1.1.1 Test Mode = LTE/TM1

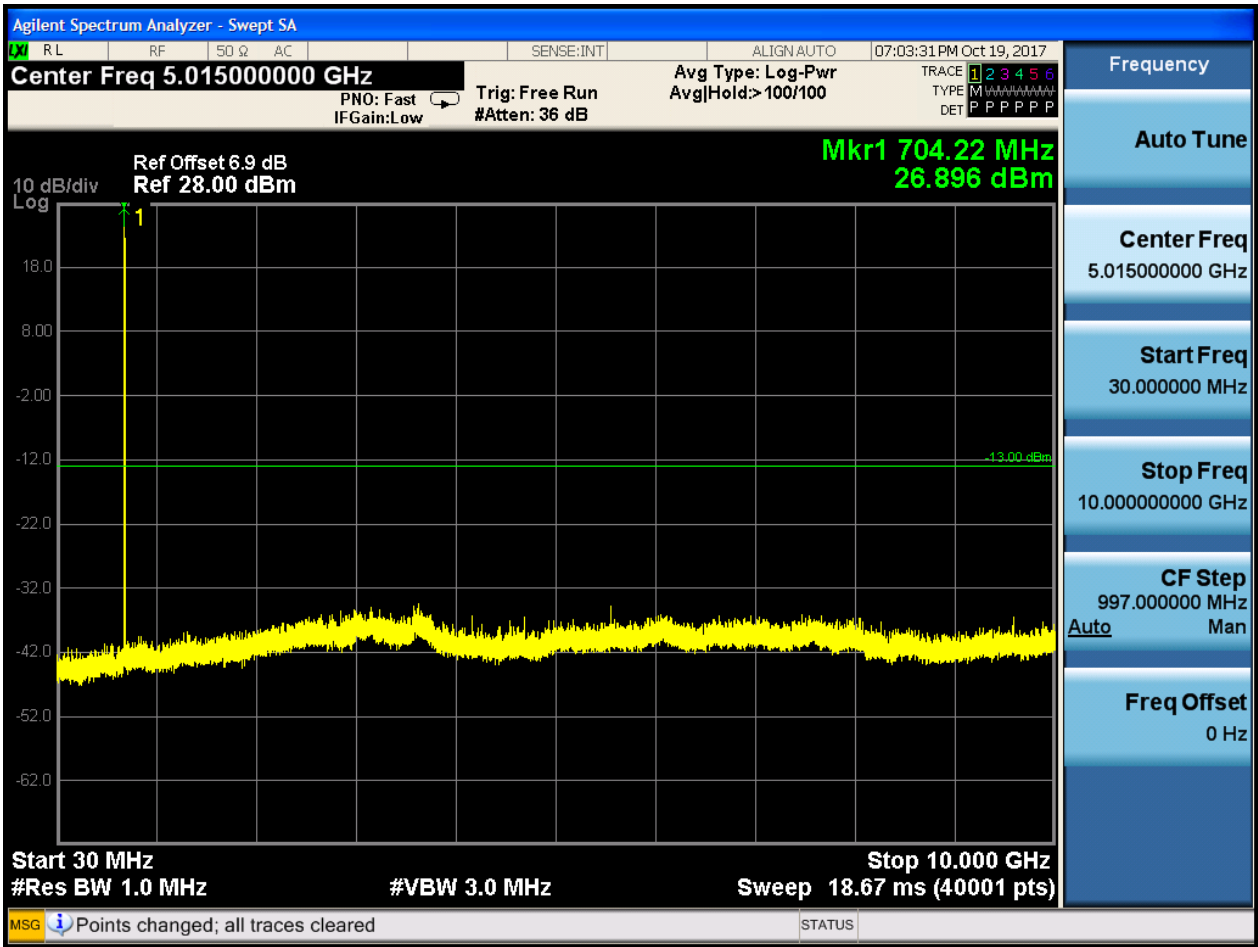
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



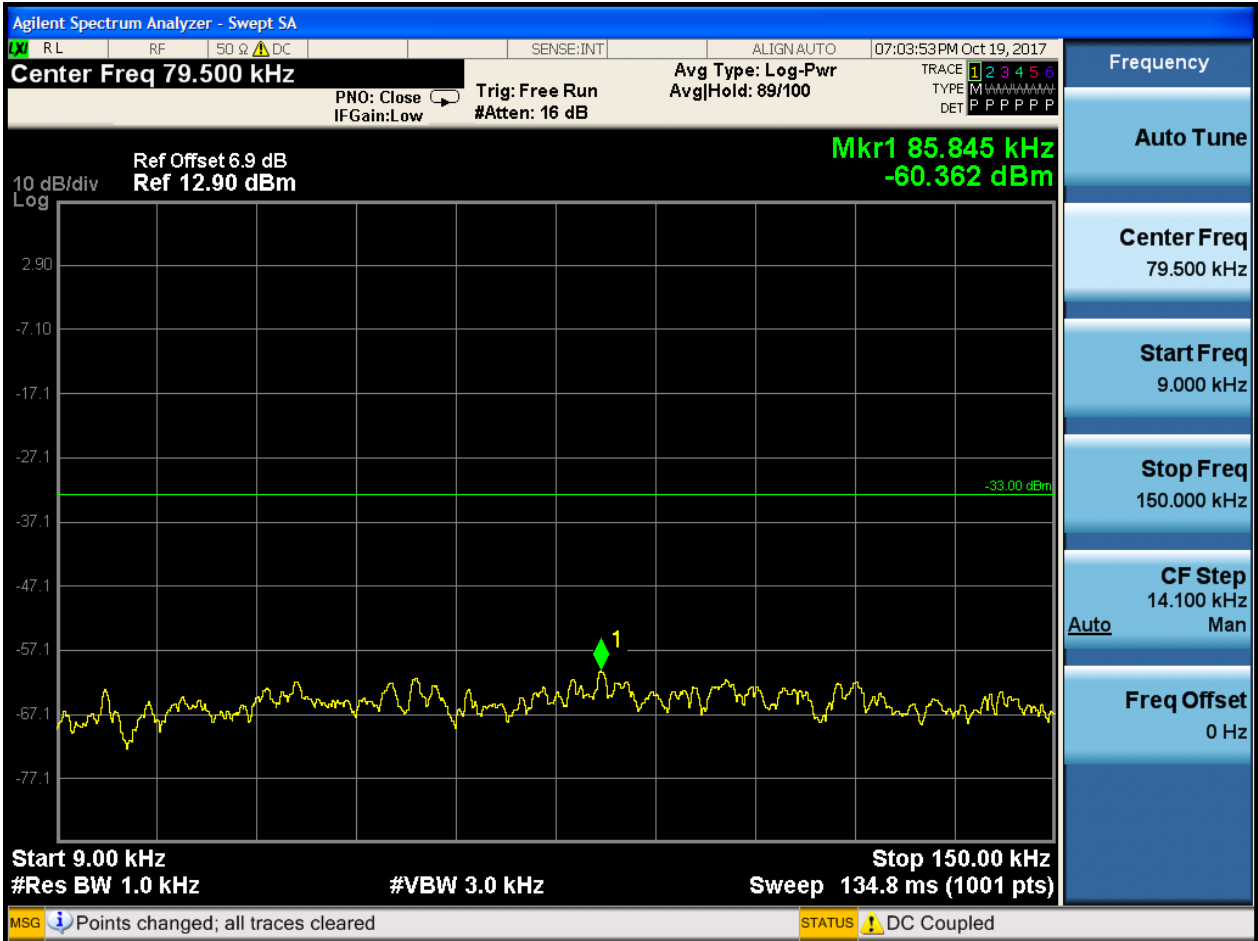


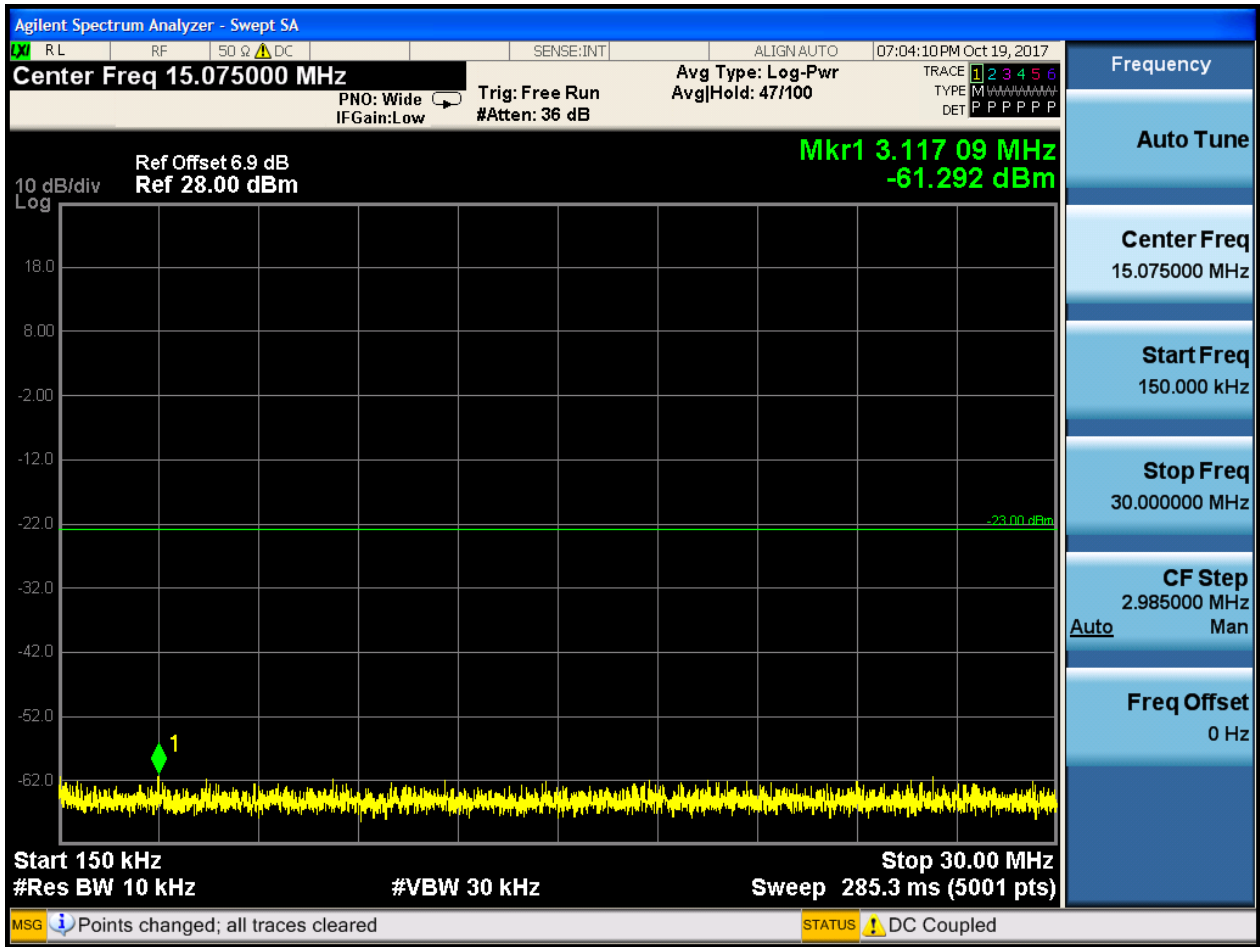


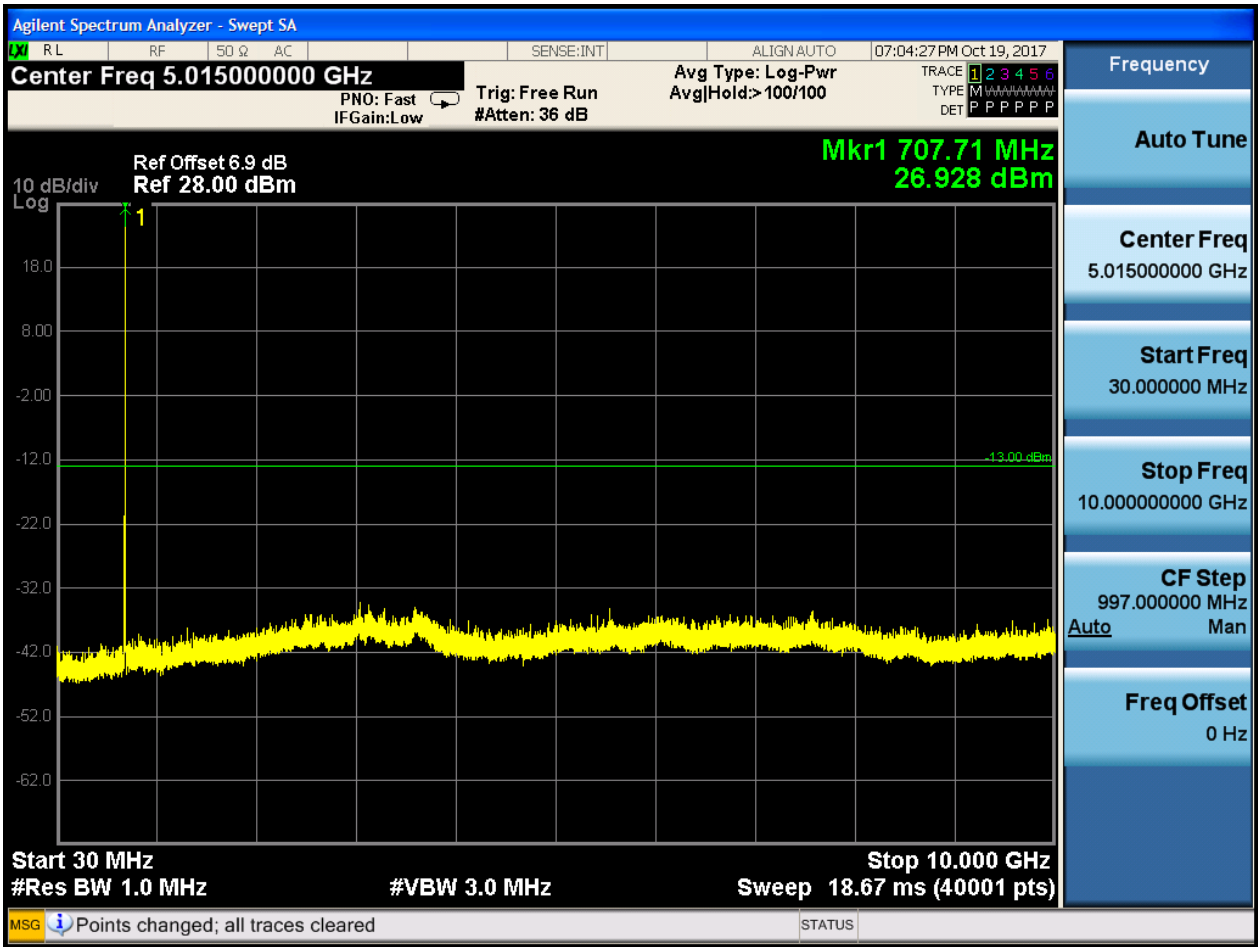


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



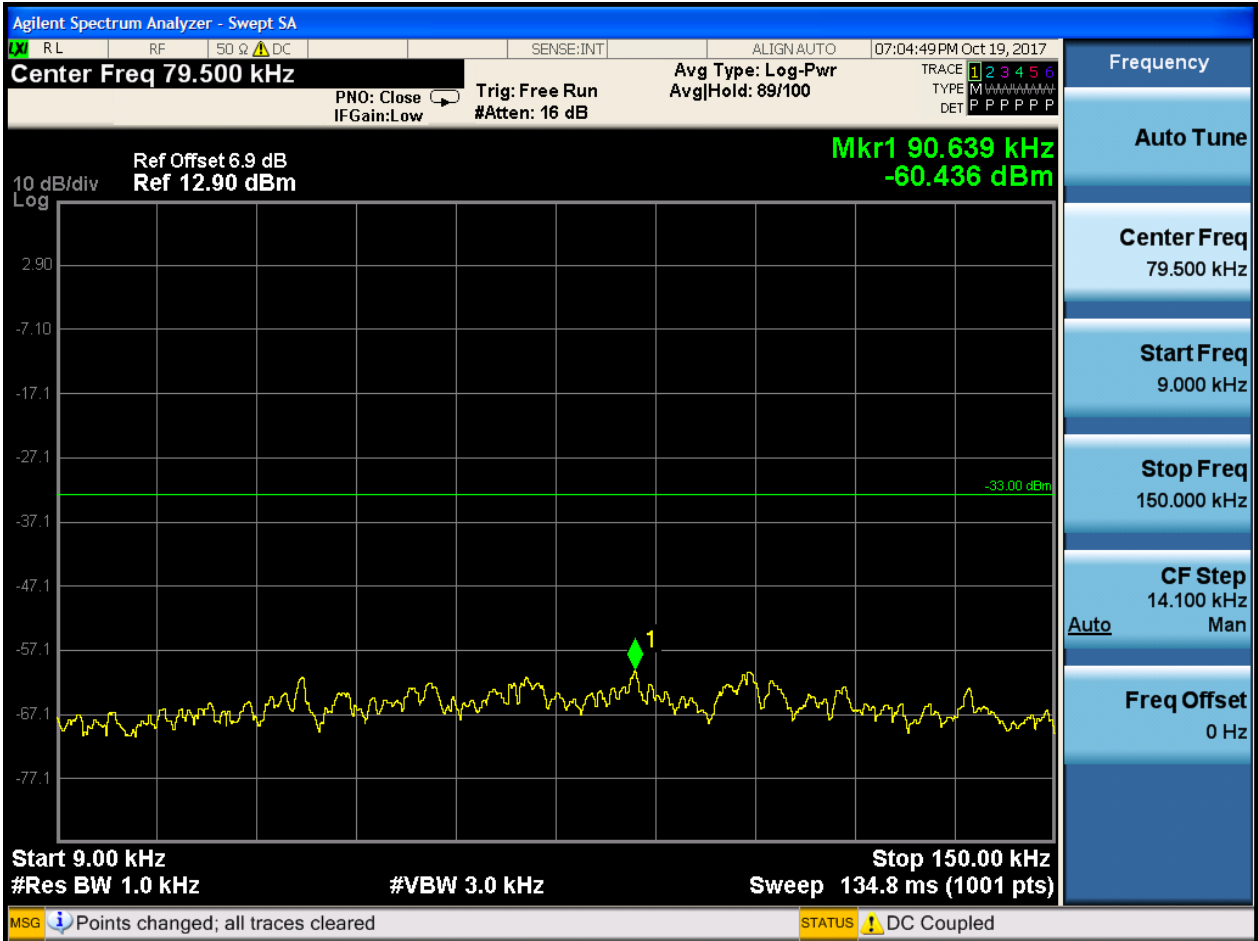


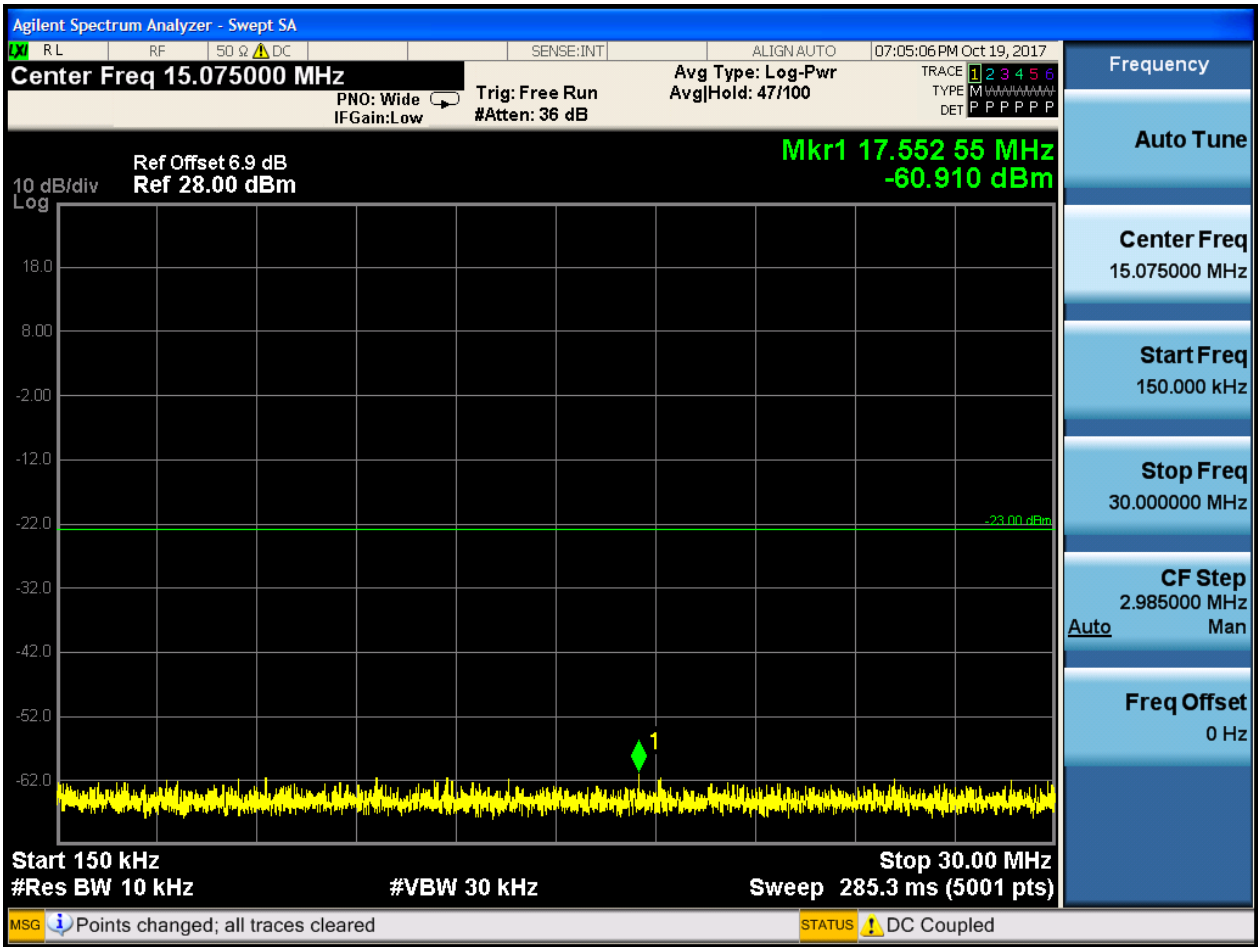


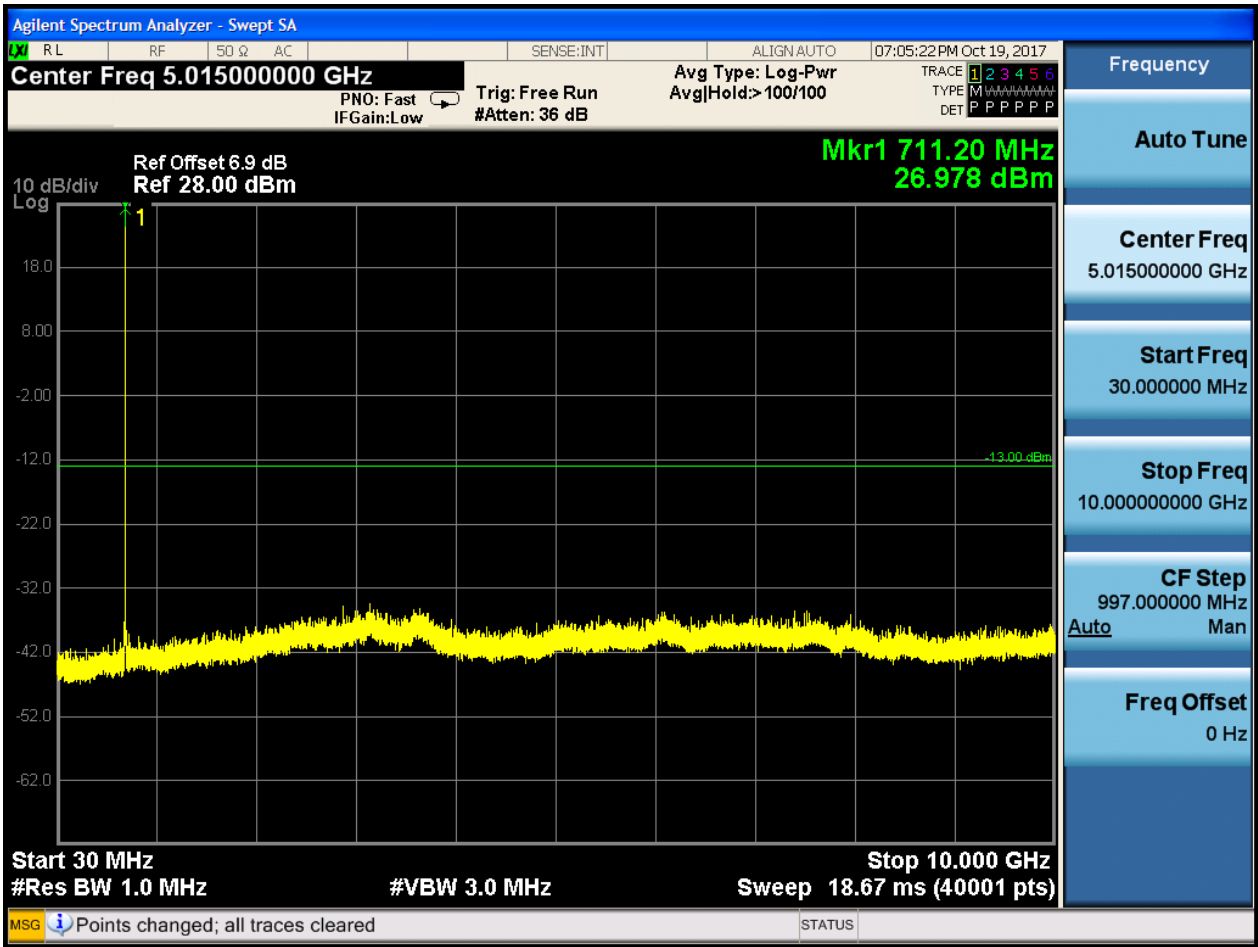


6.1.1.1.3 Test Channel = HCH

6.1.1.1.3.1 Test RB = RB1#0





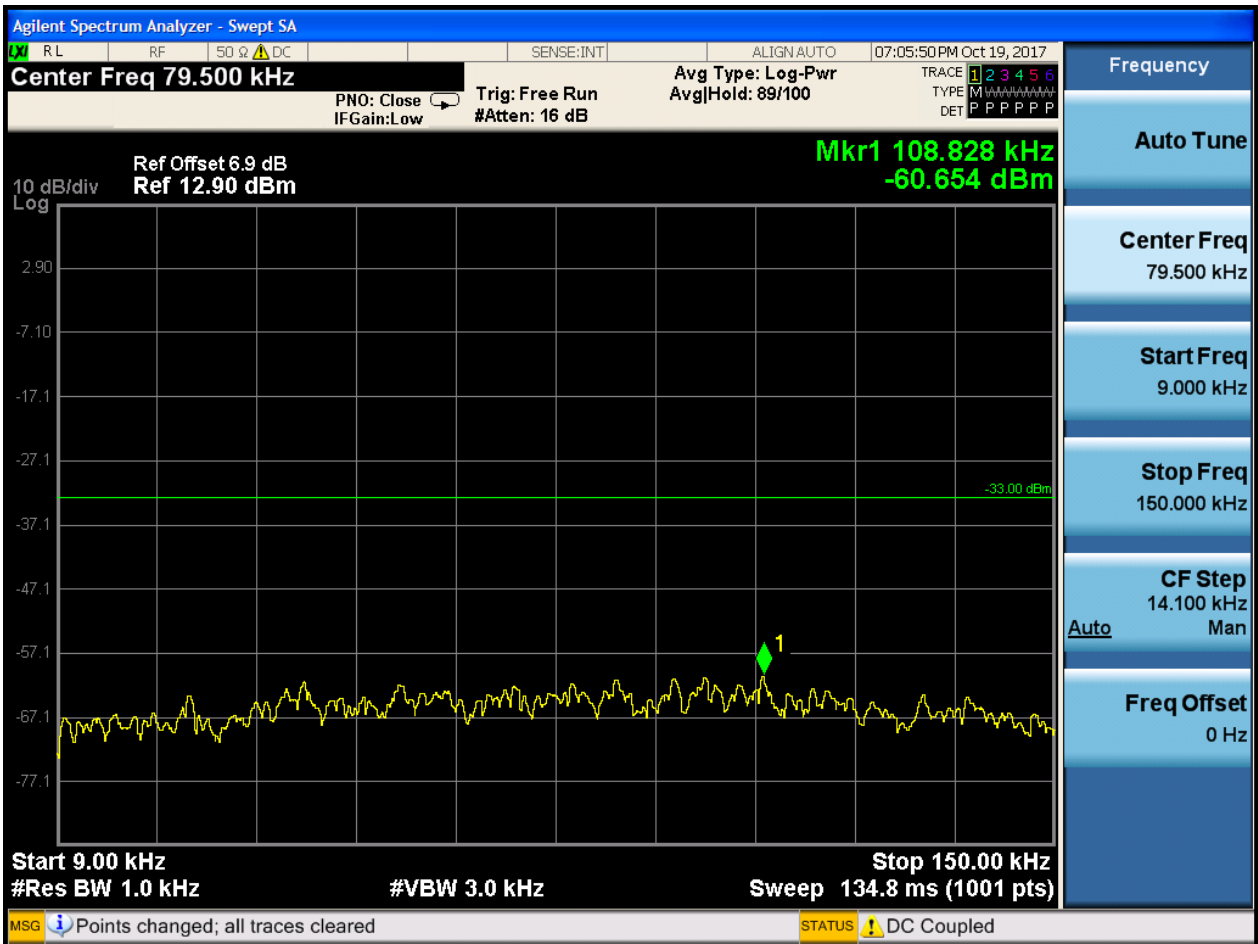


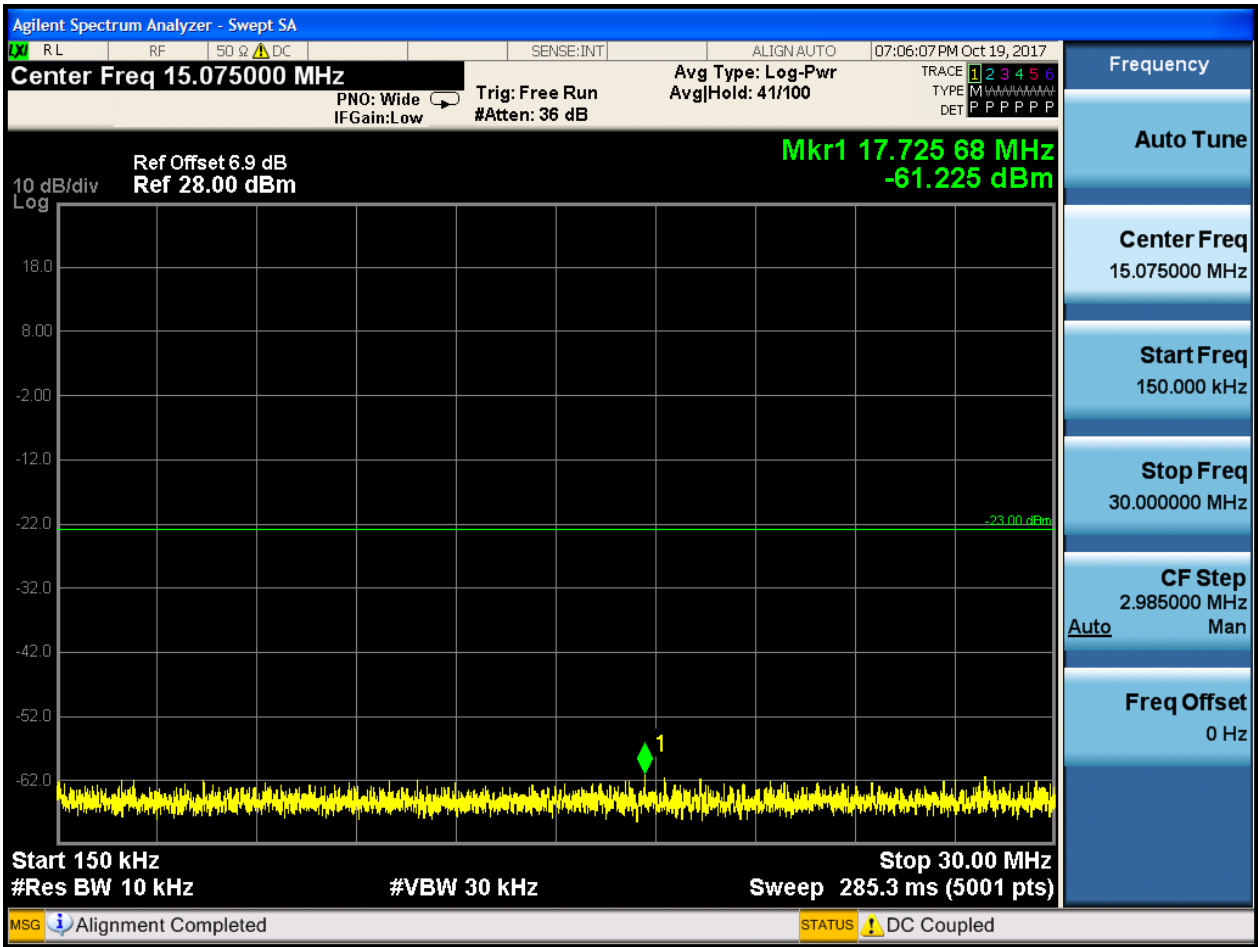


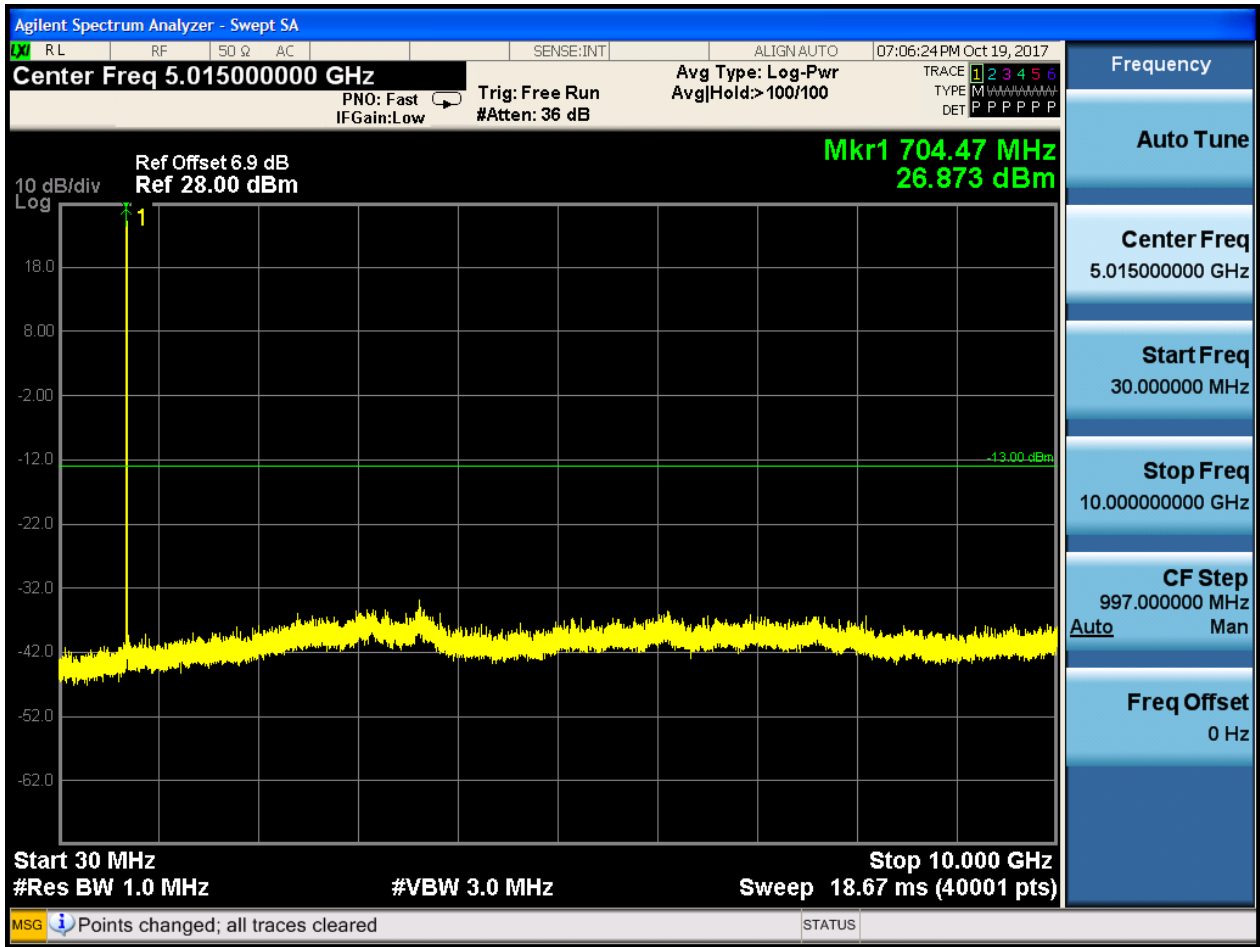
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



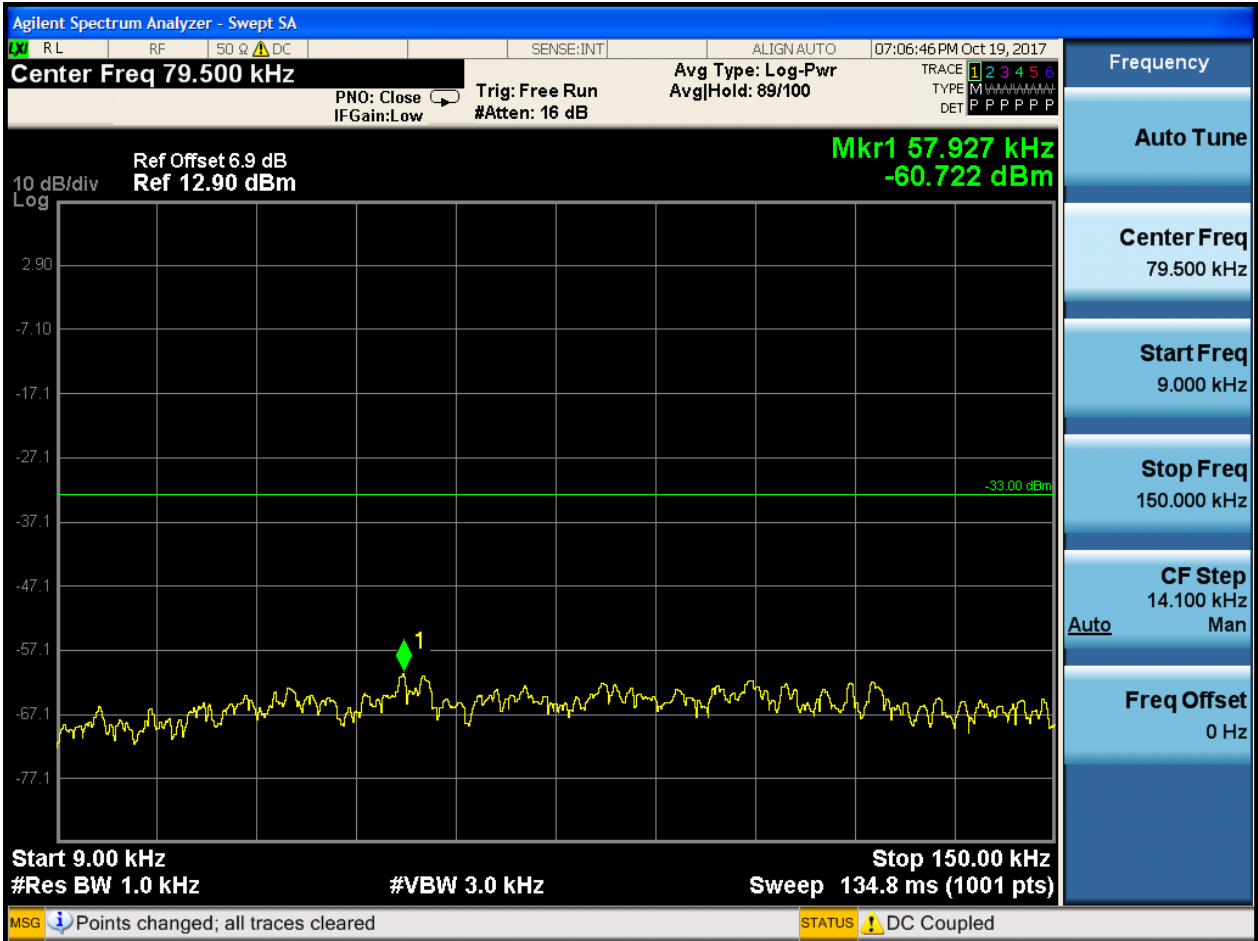


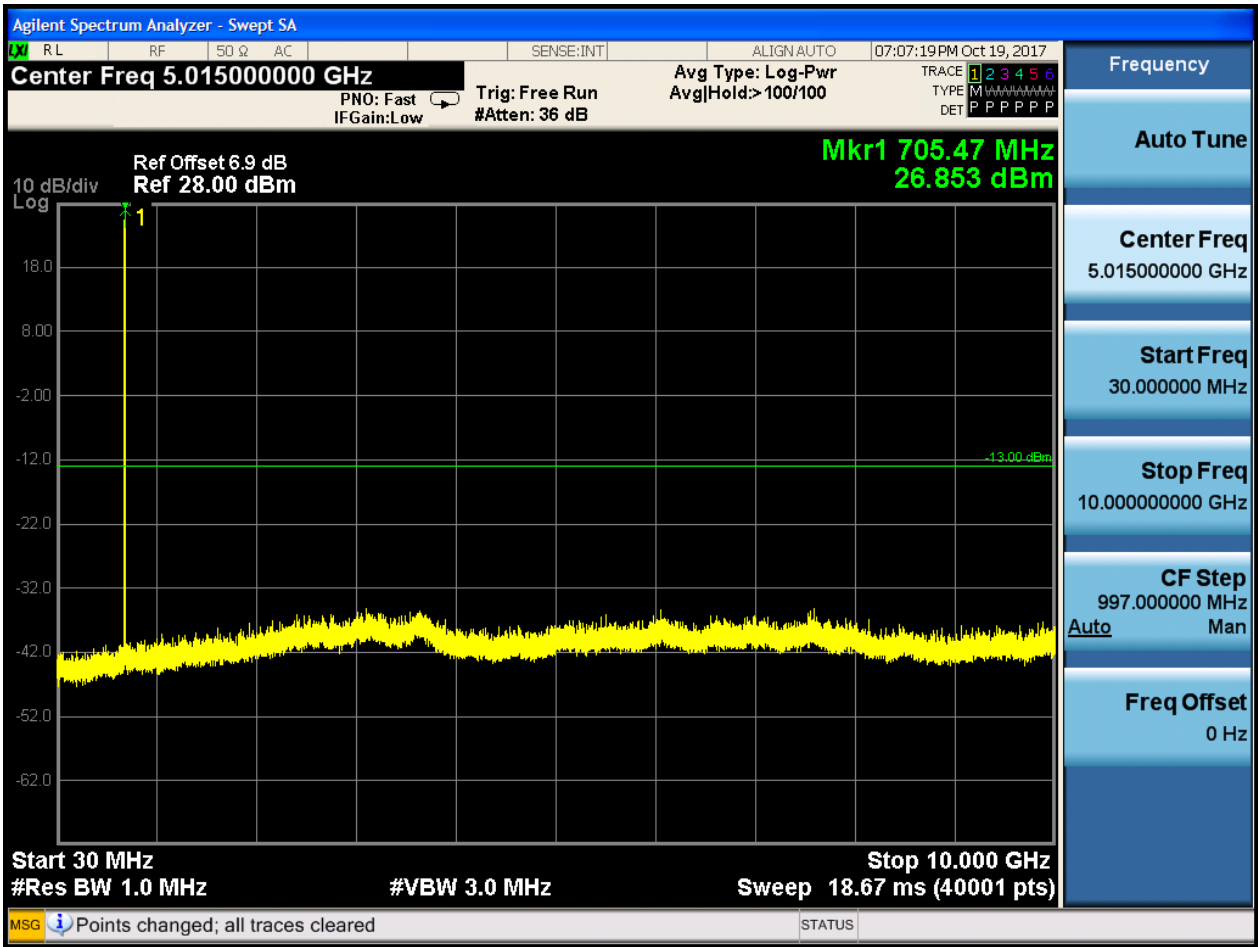




6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

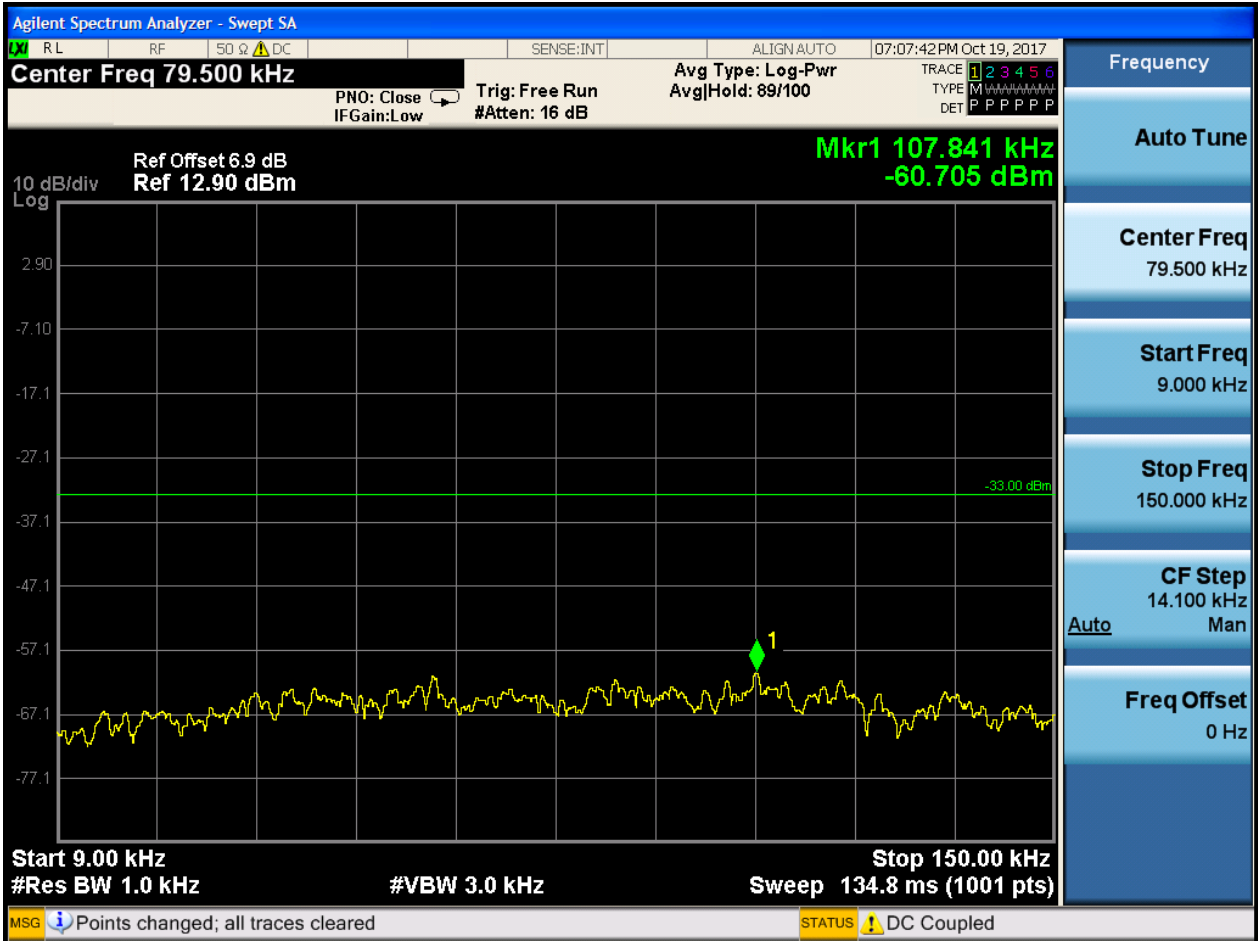


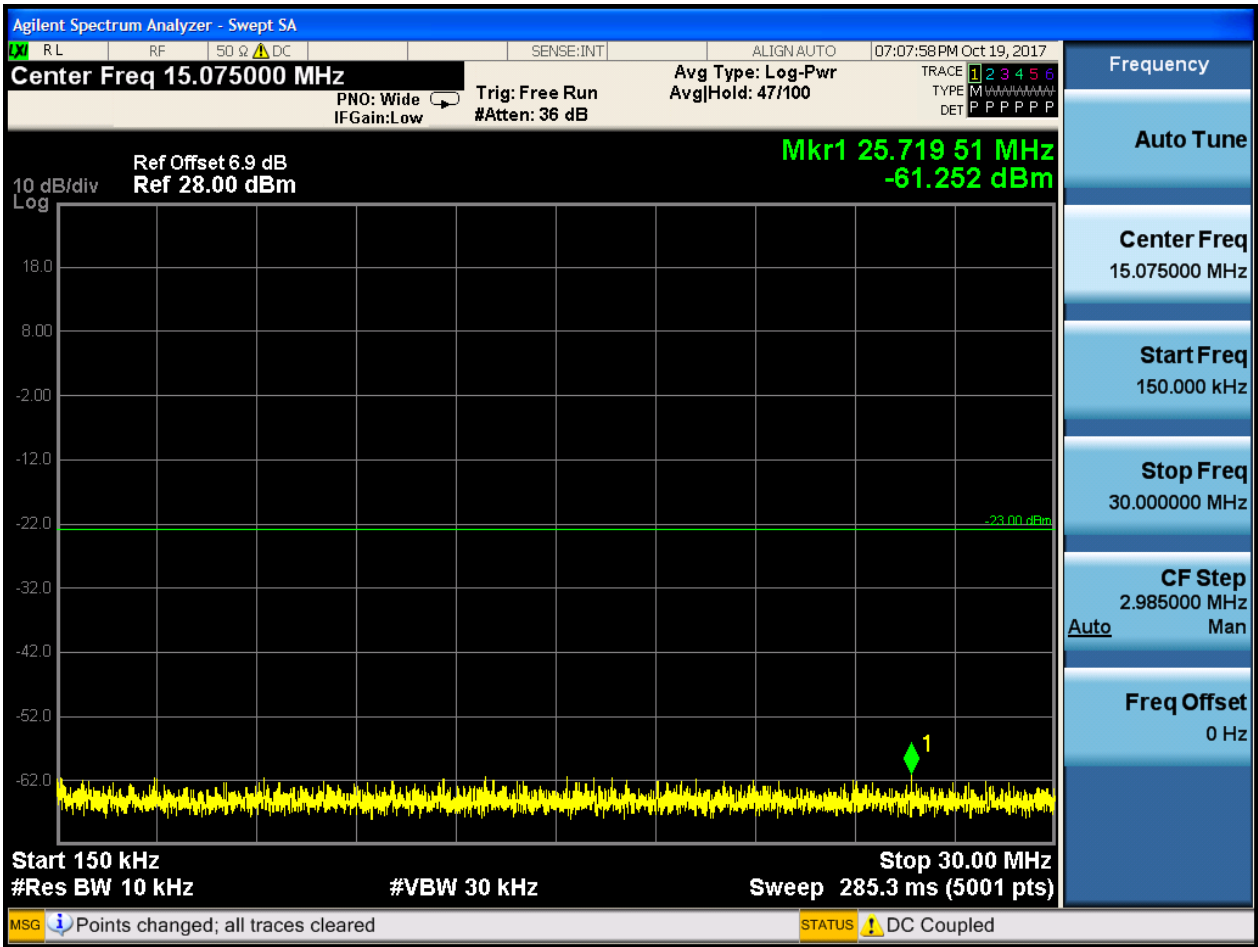


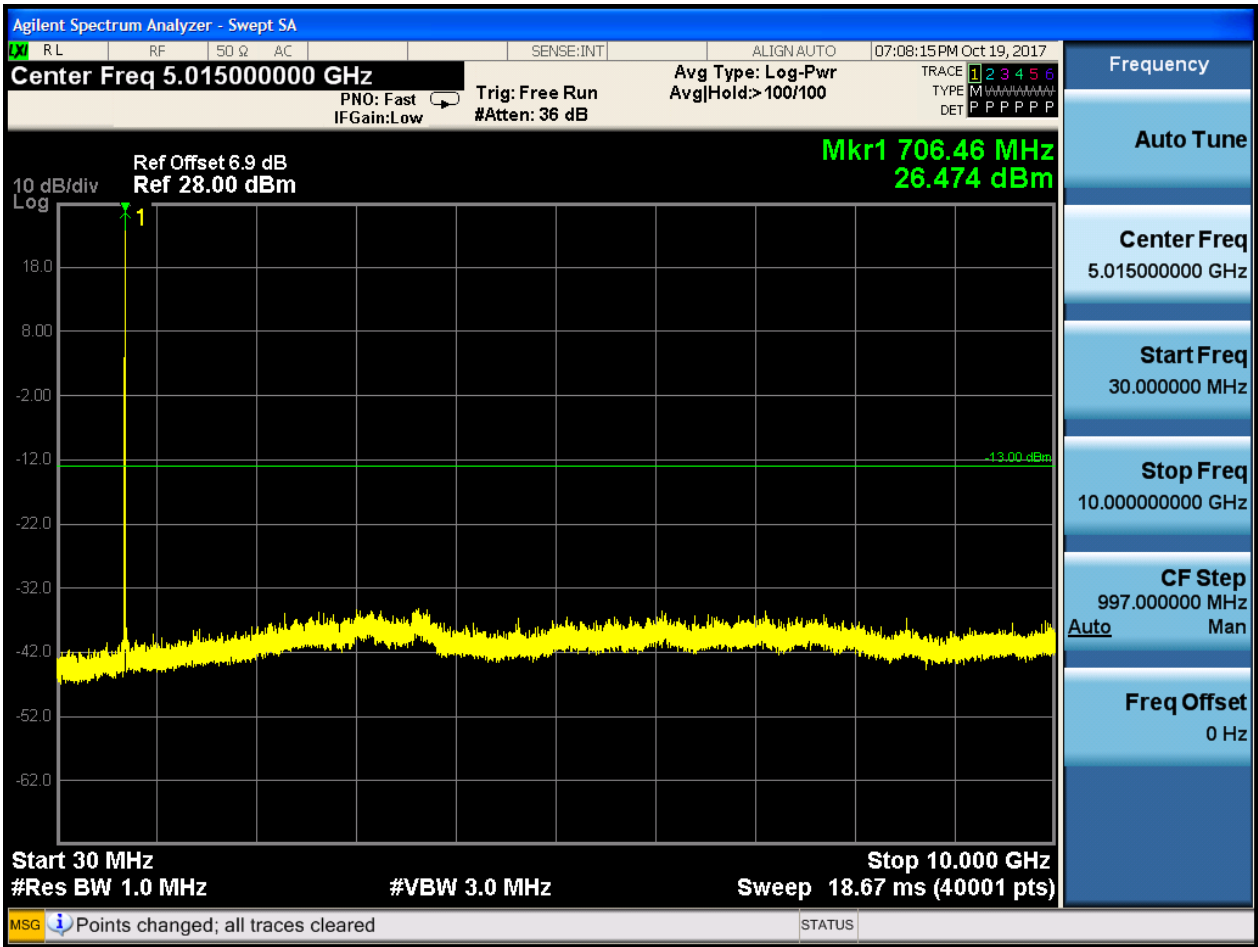


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







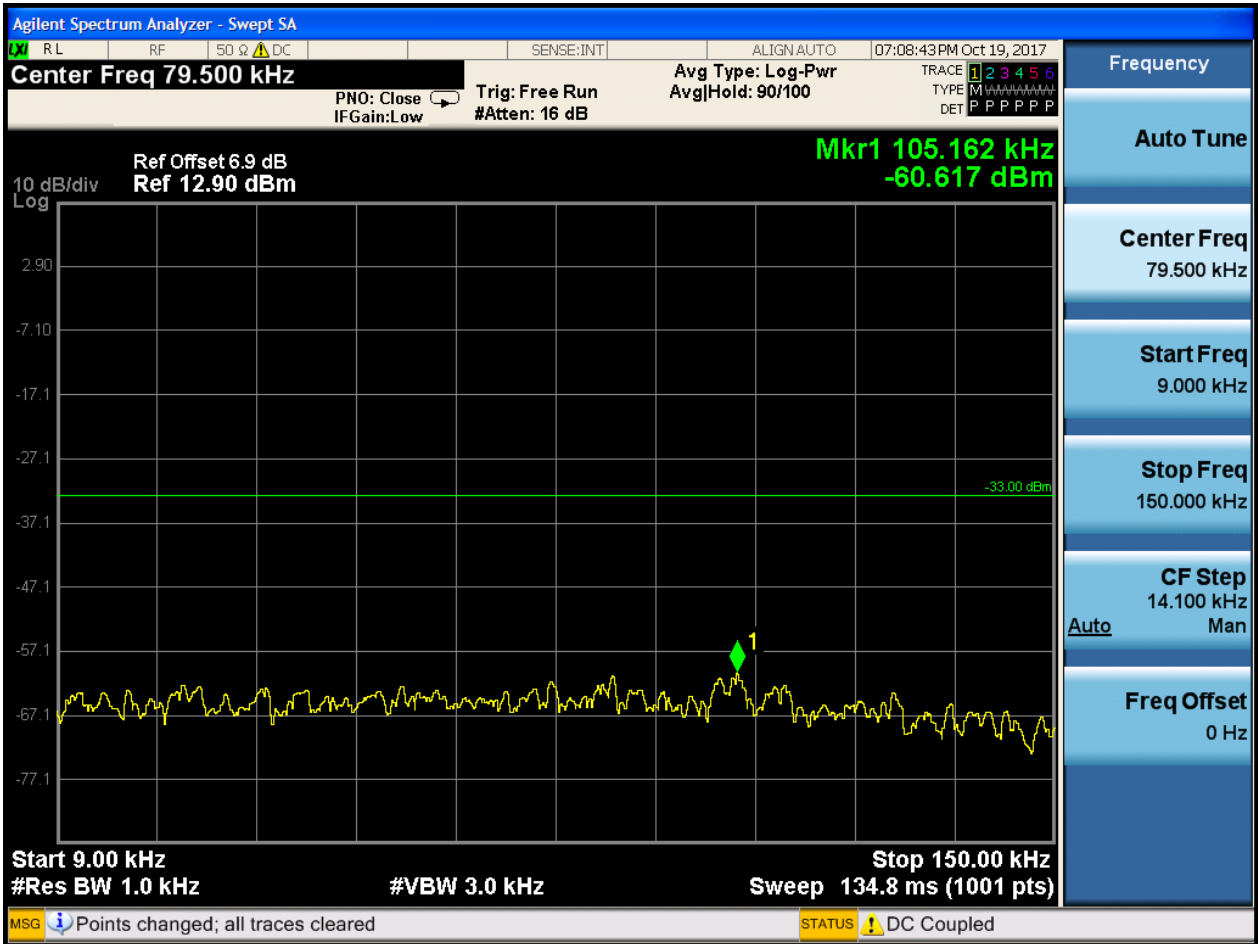


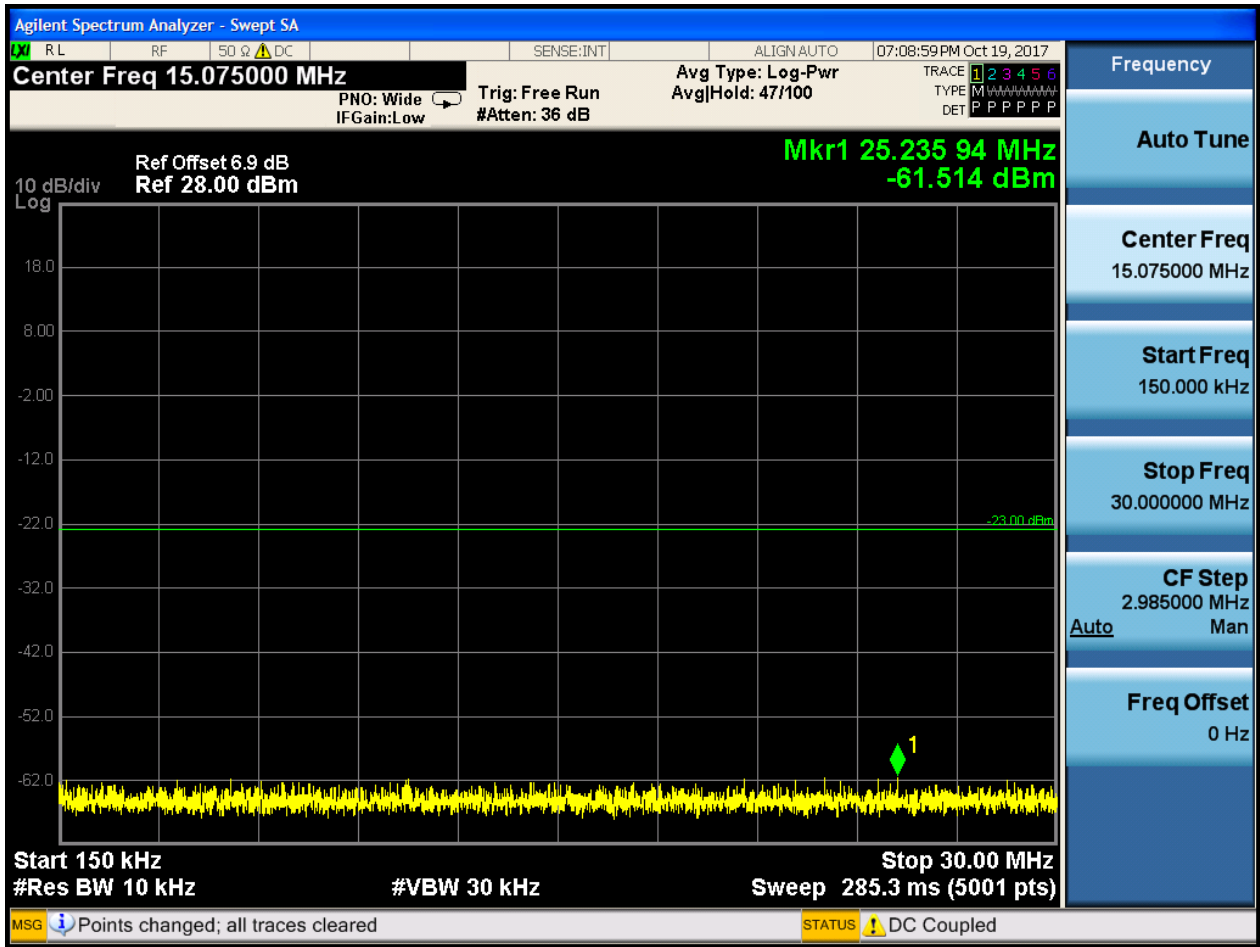
6.1.1.2 Test Mode = LTE/TM2

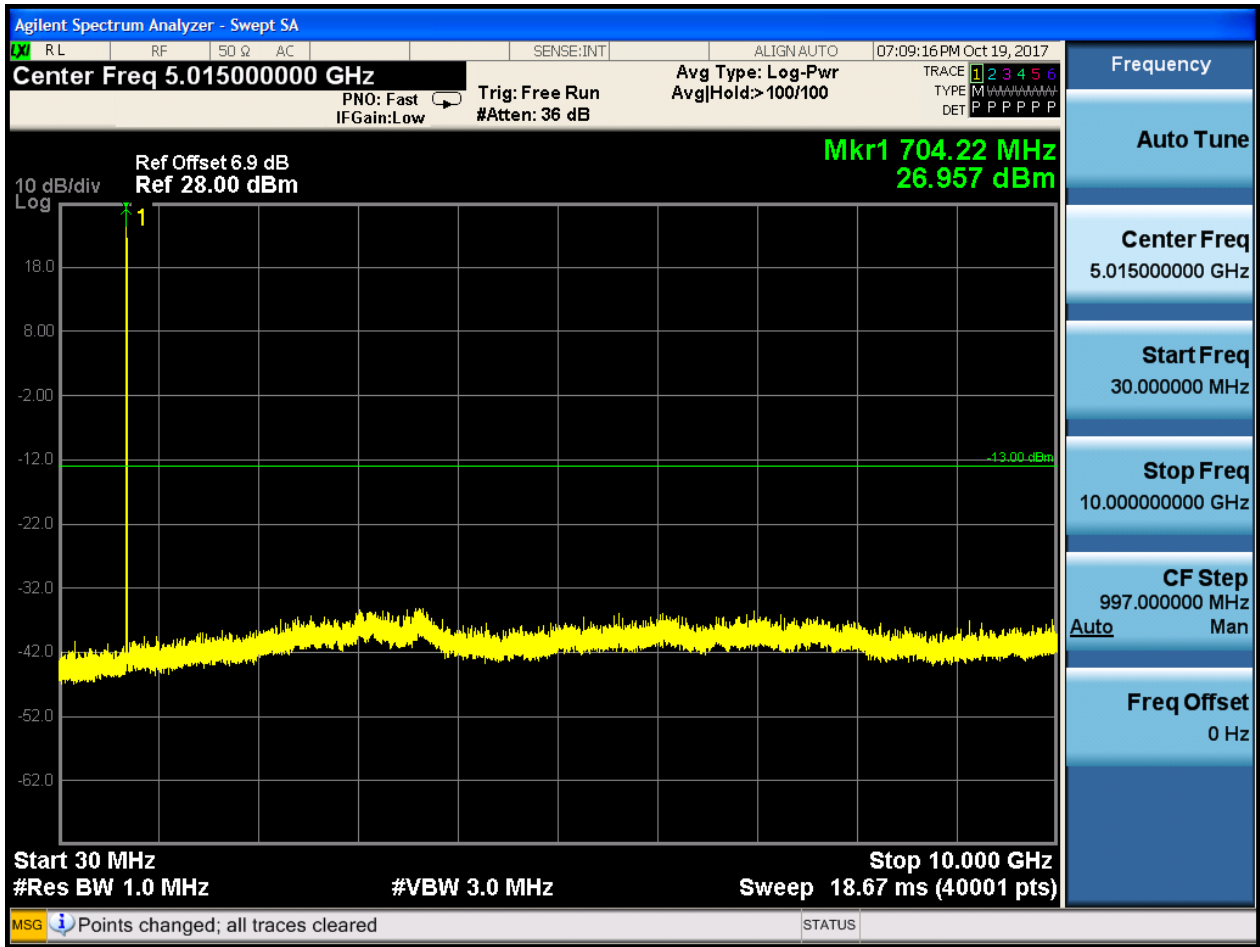
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



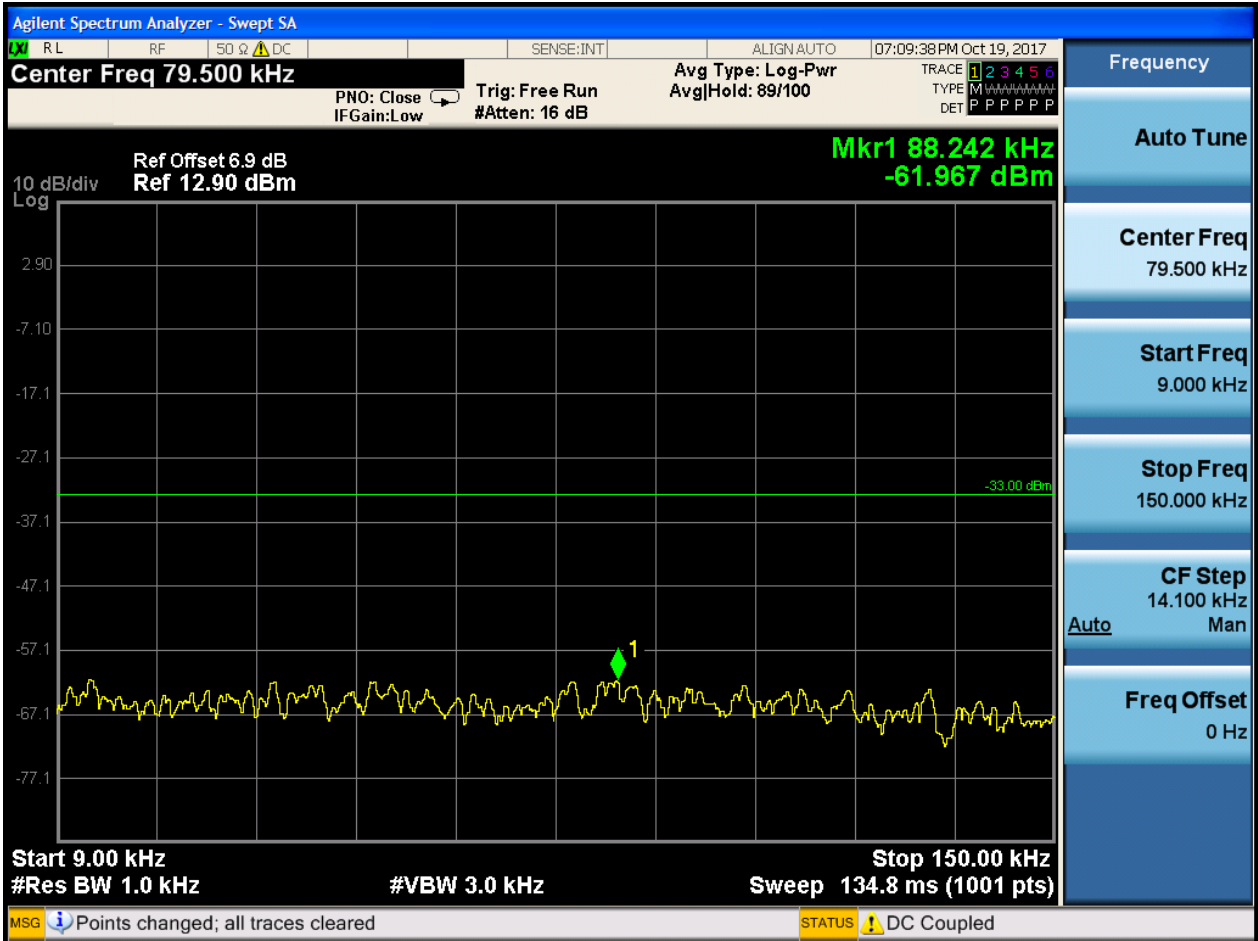


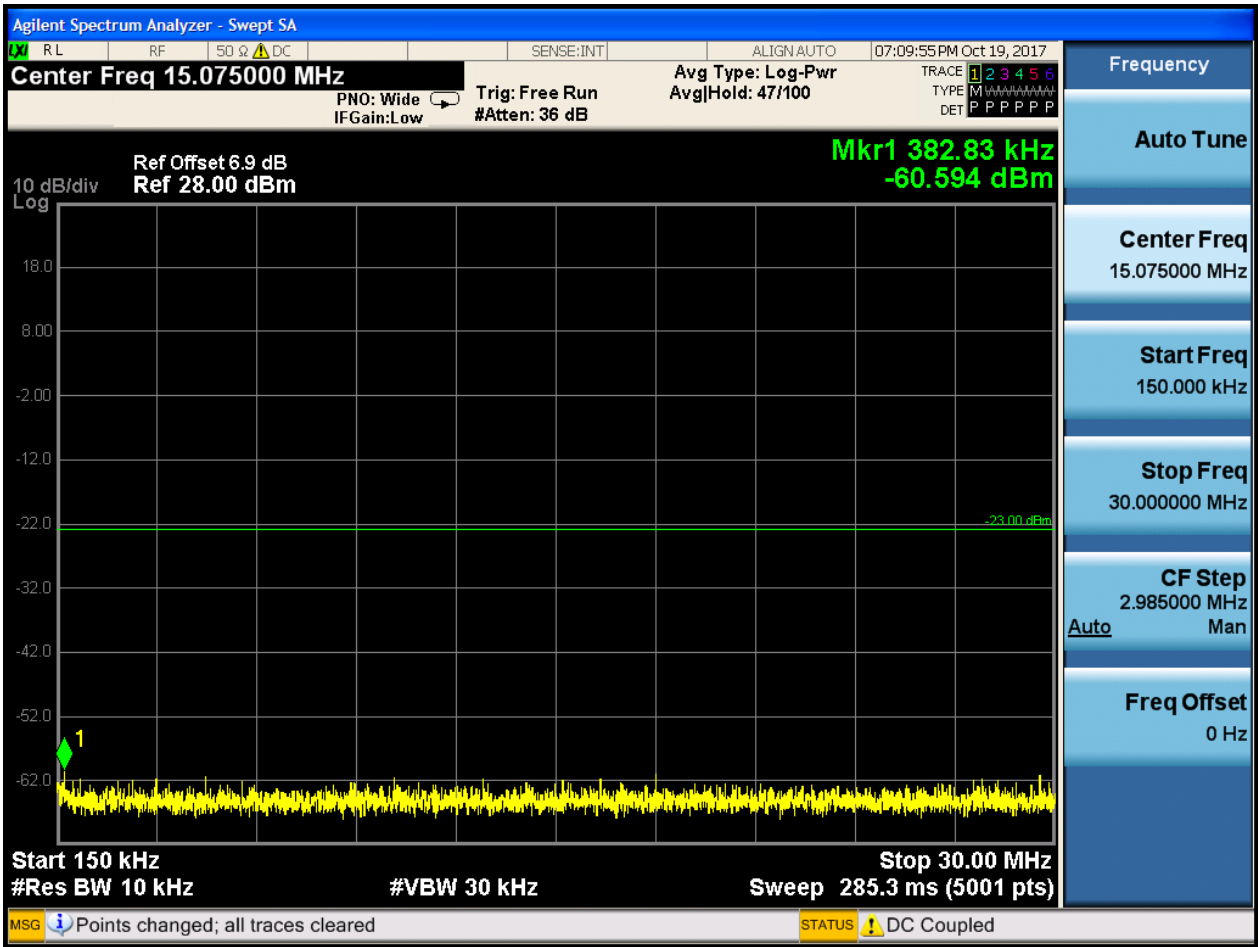


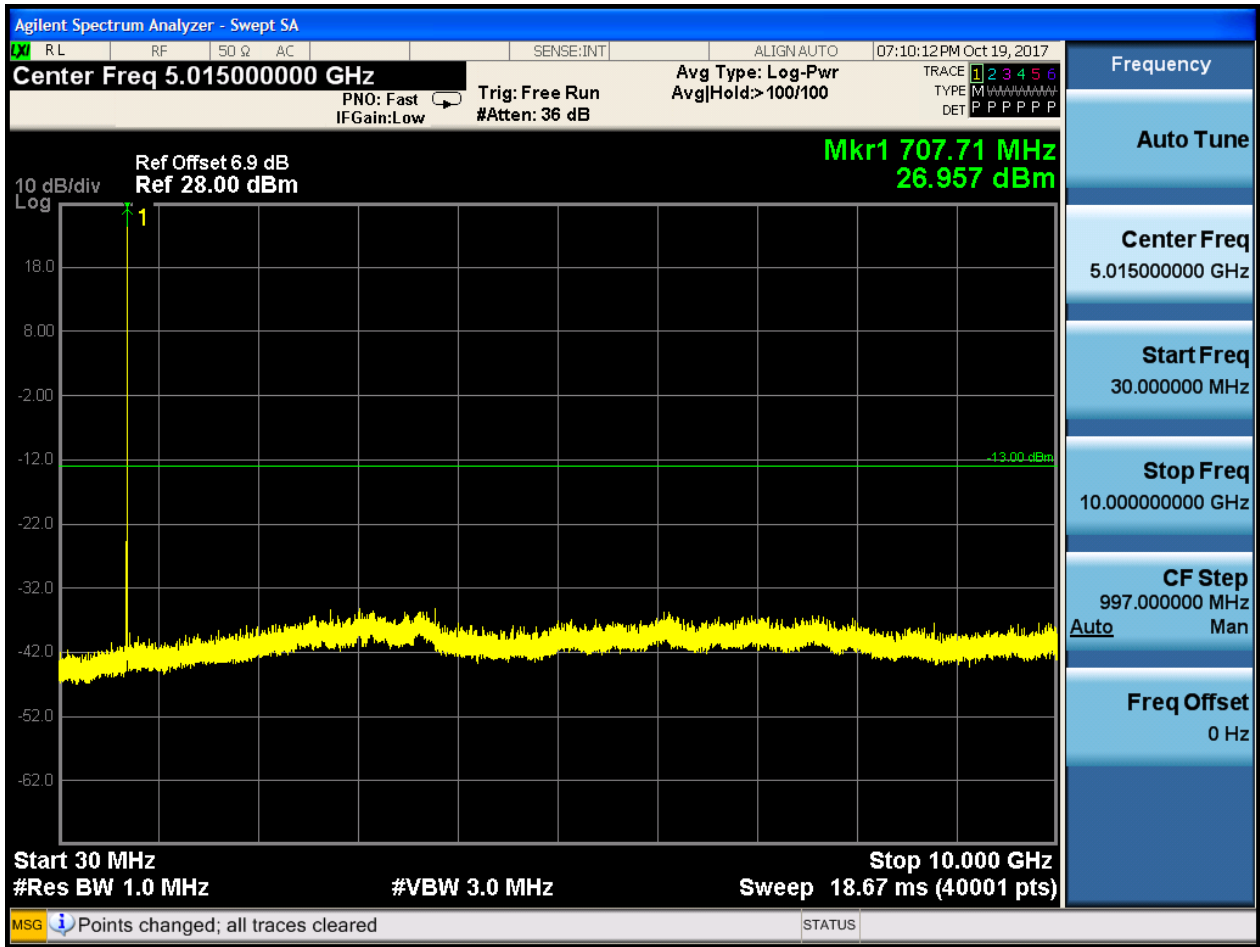


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



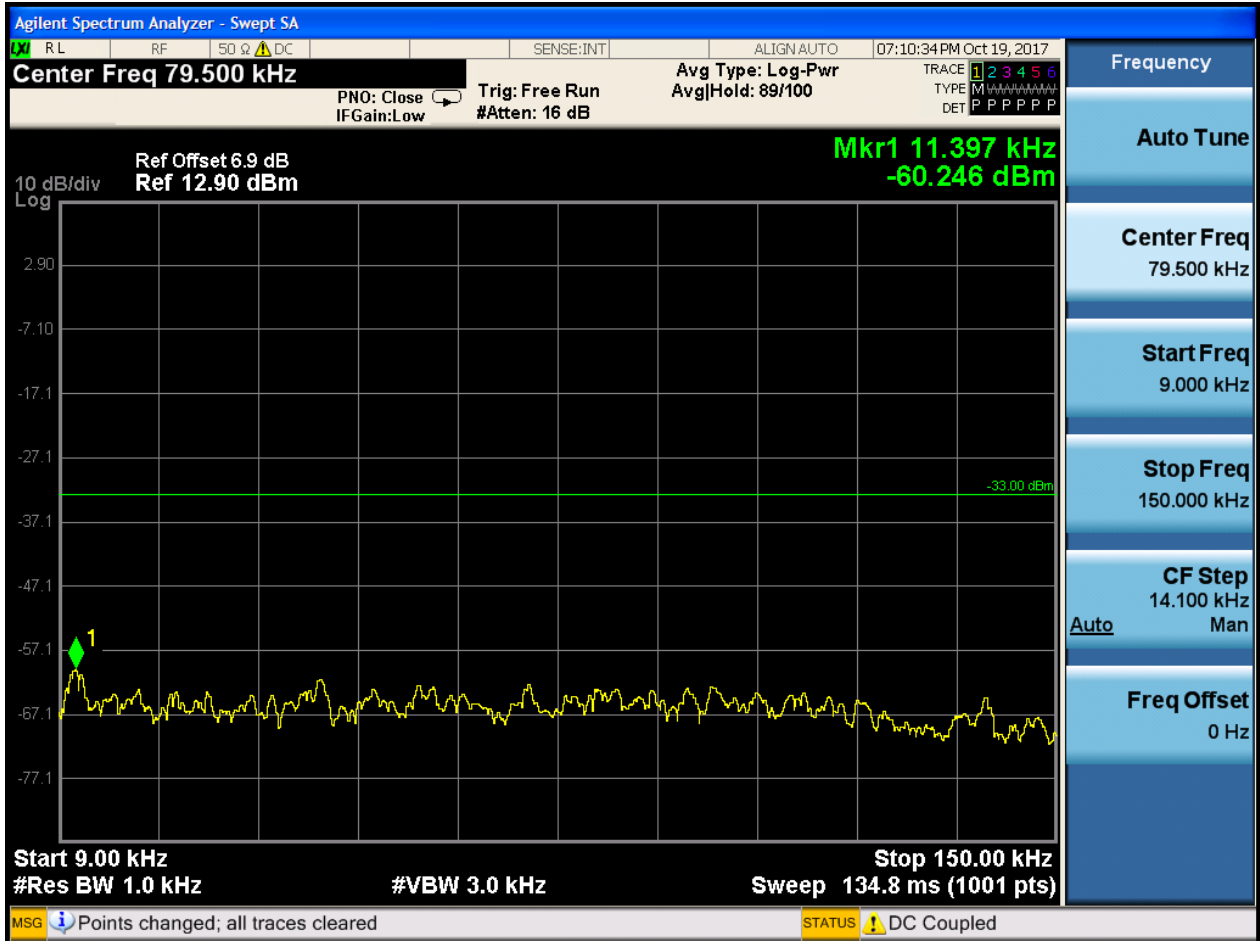


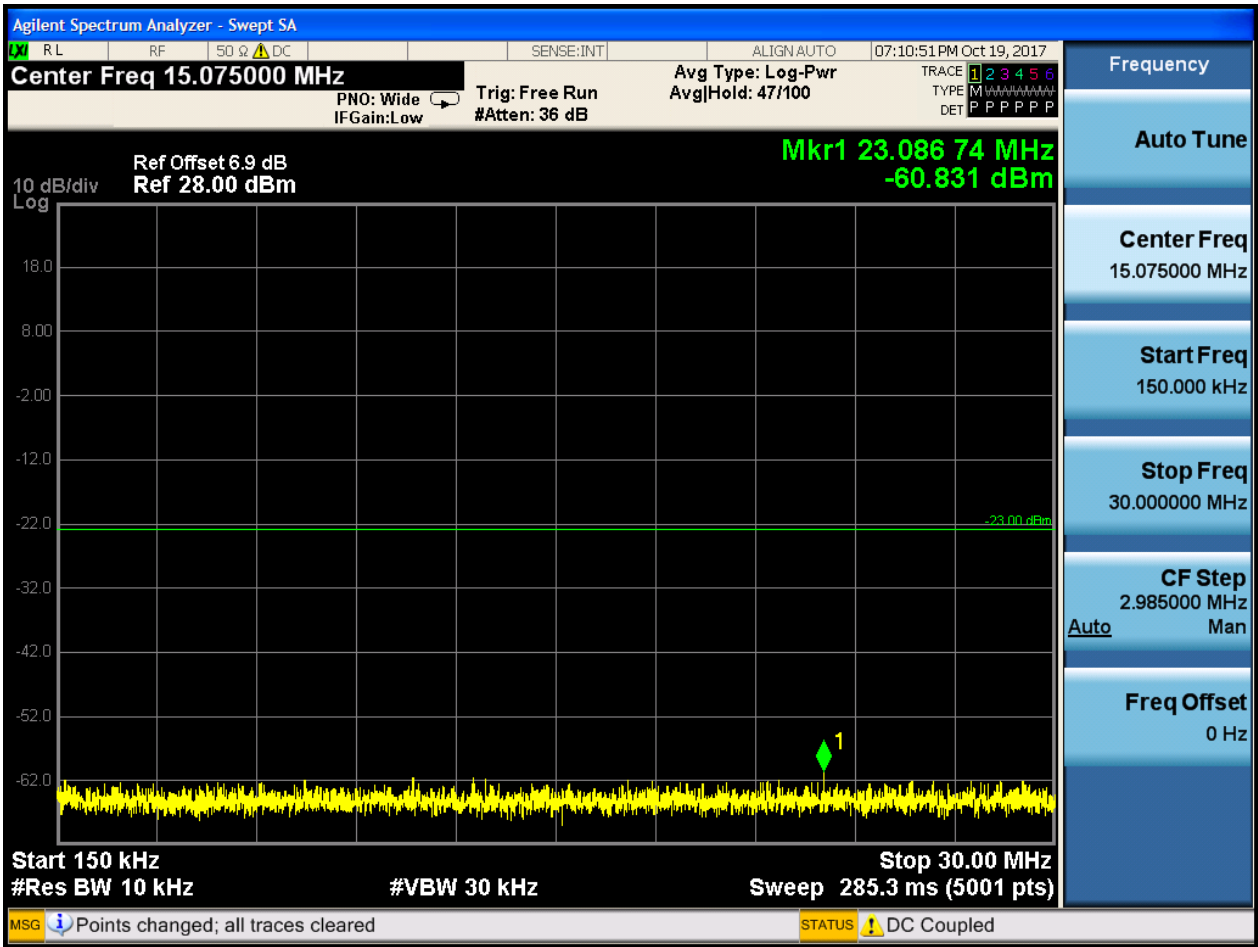


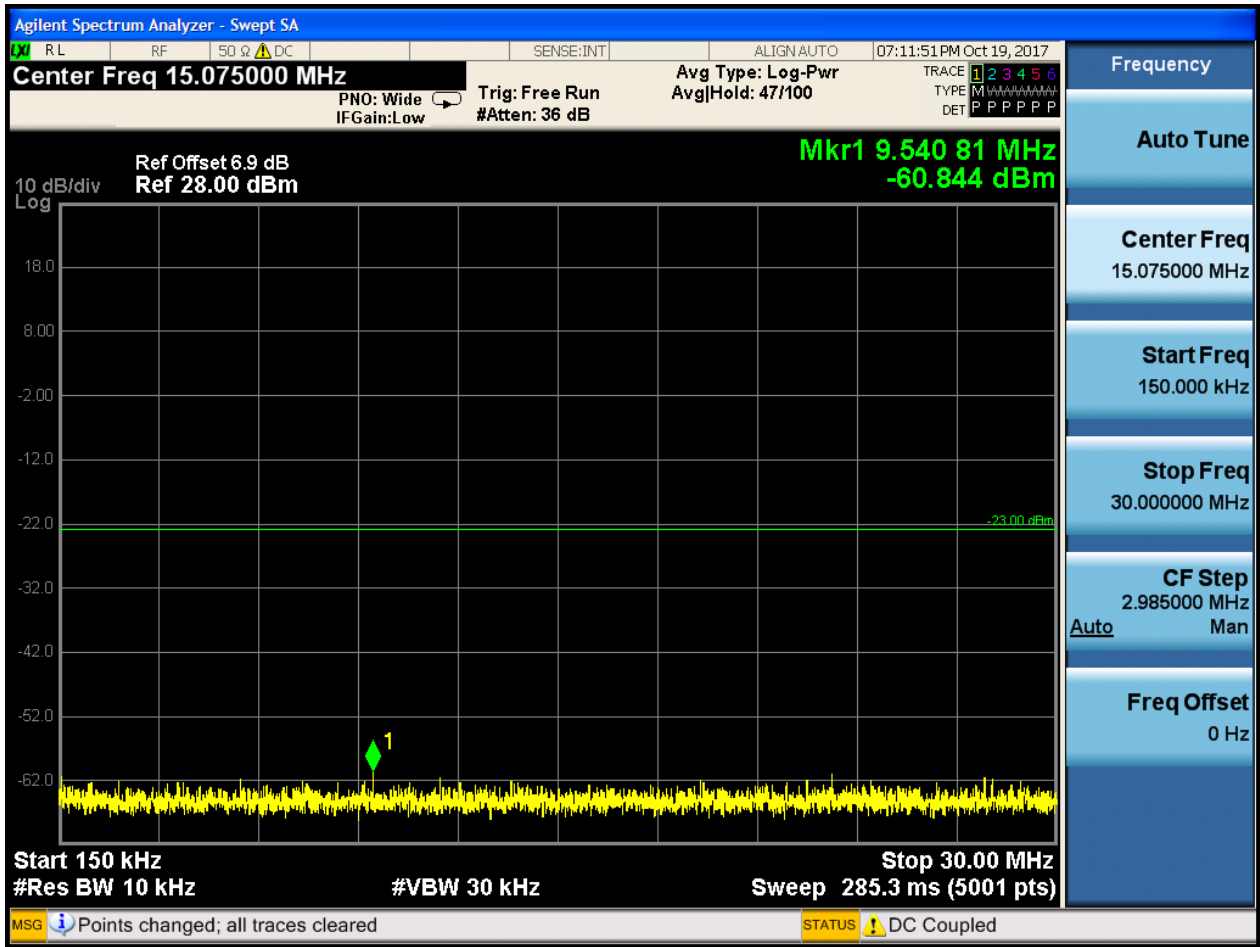


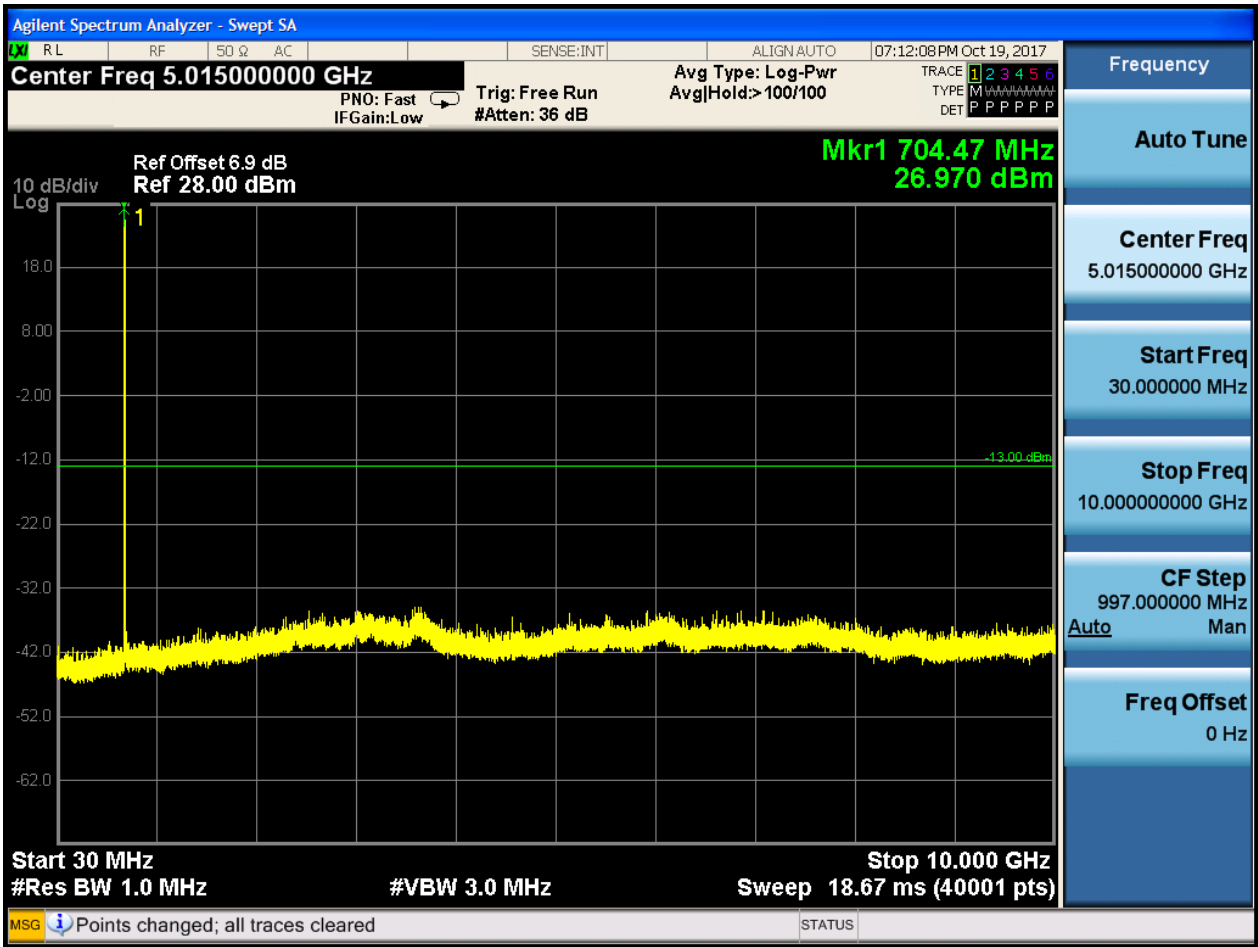
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





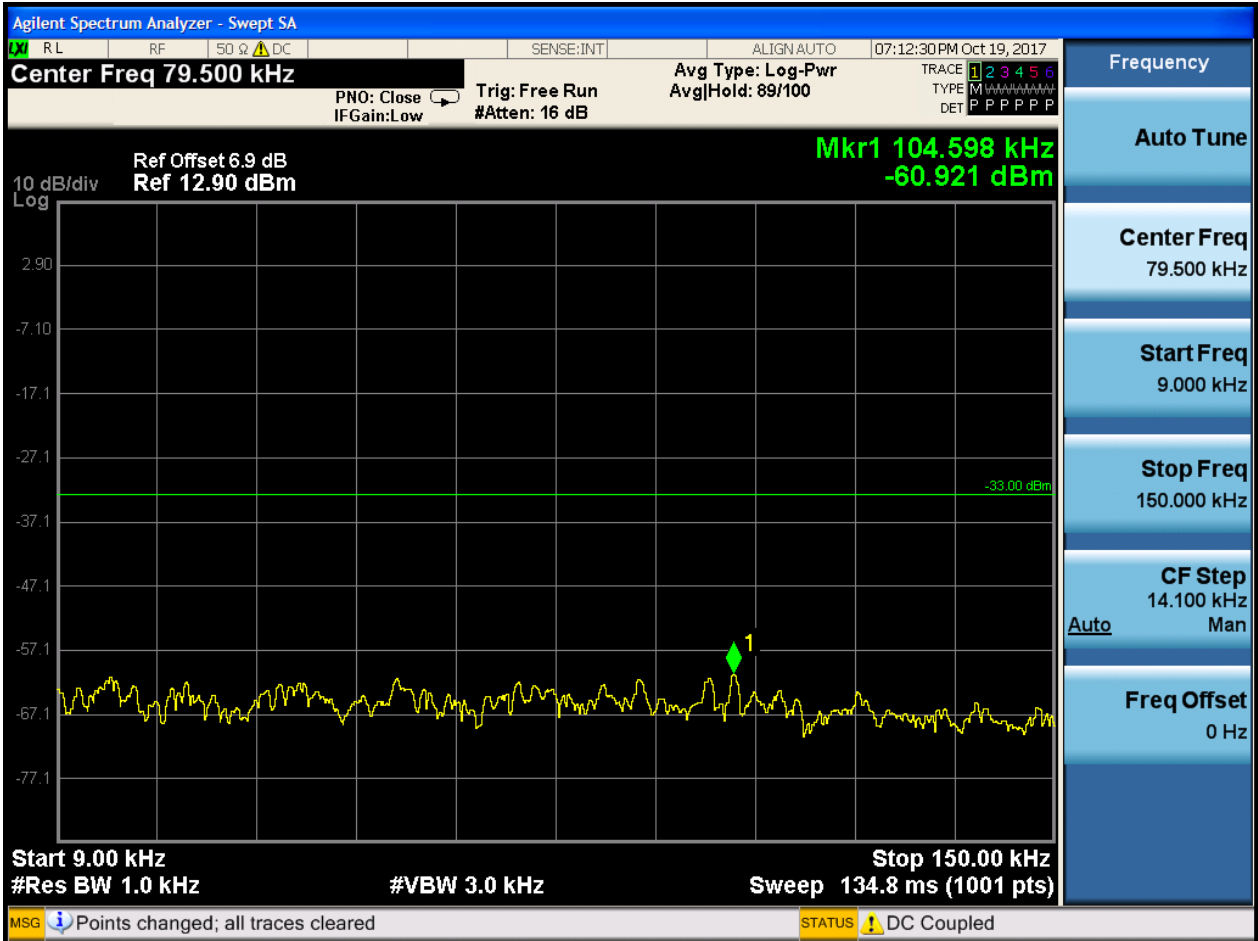


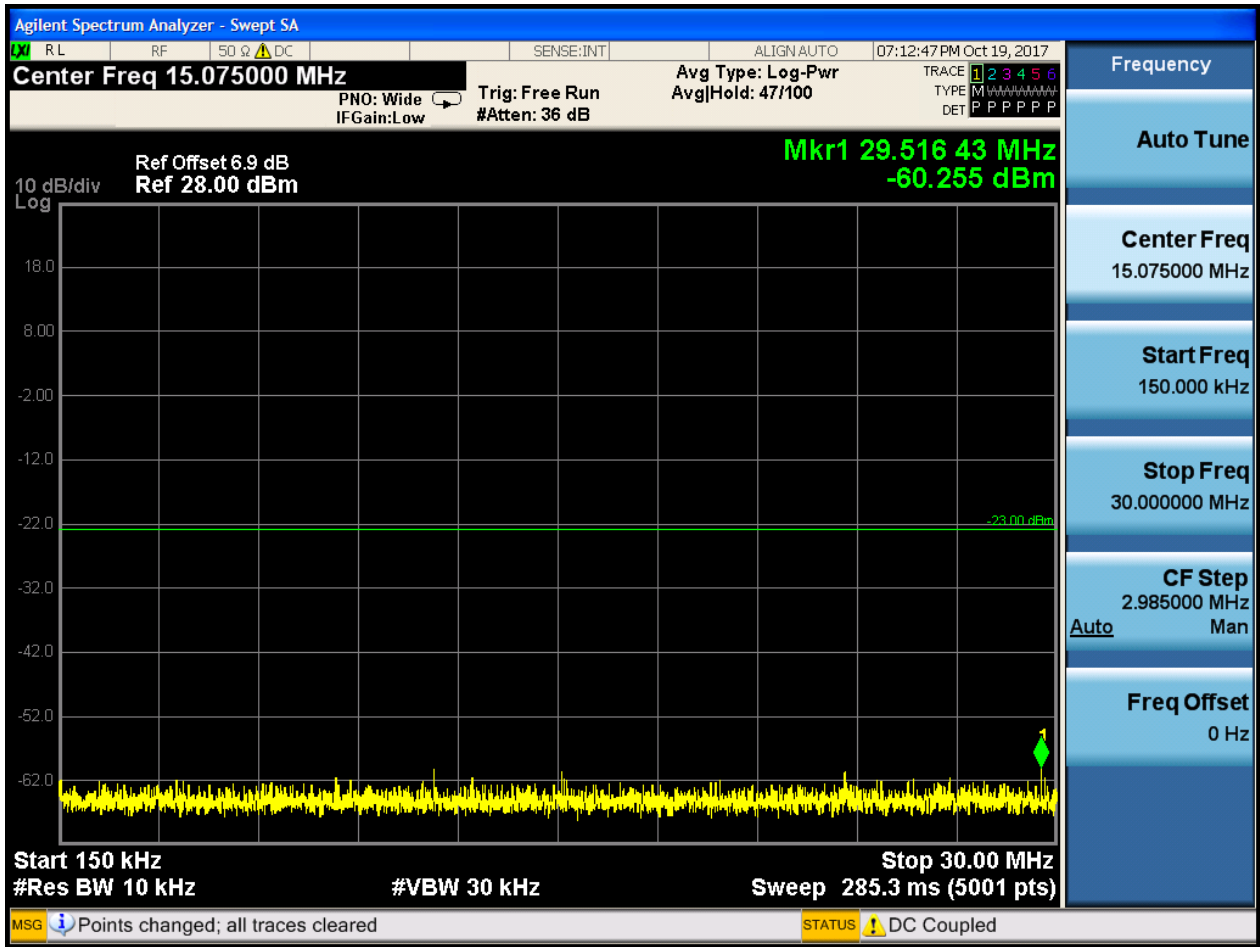


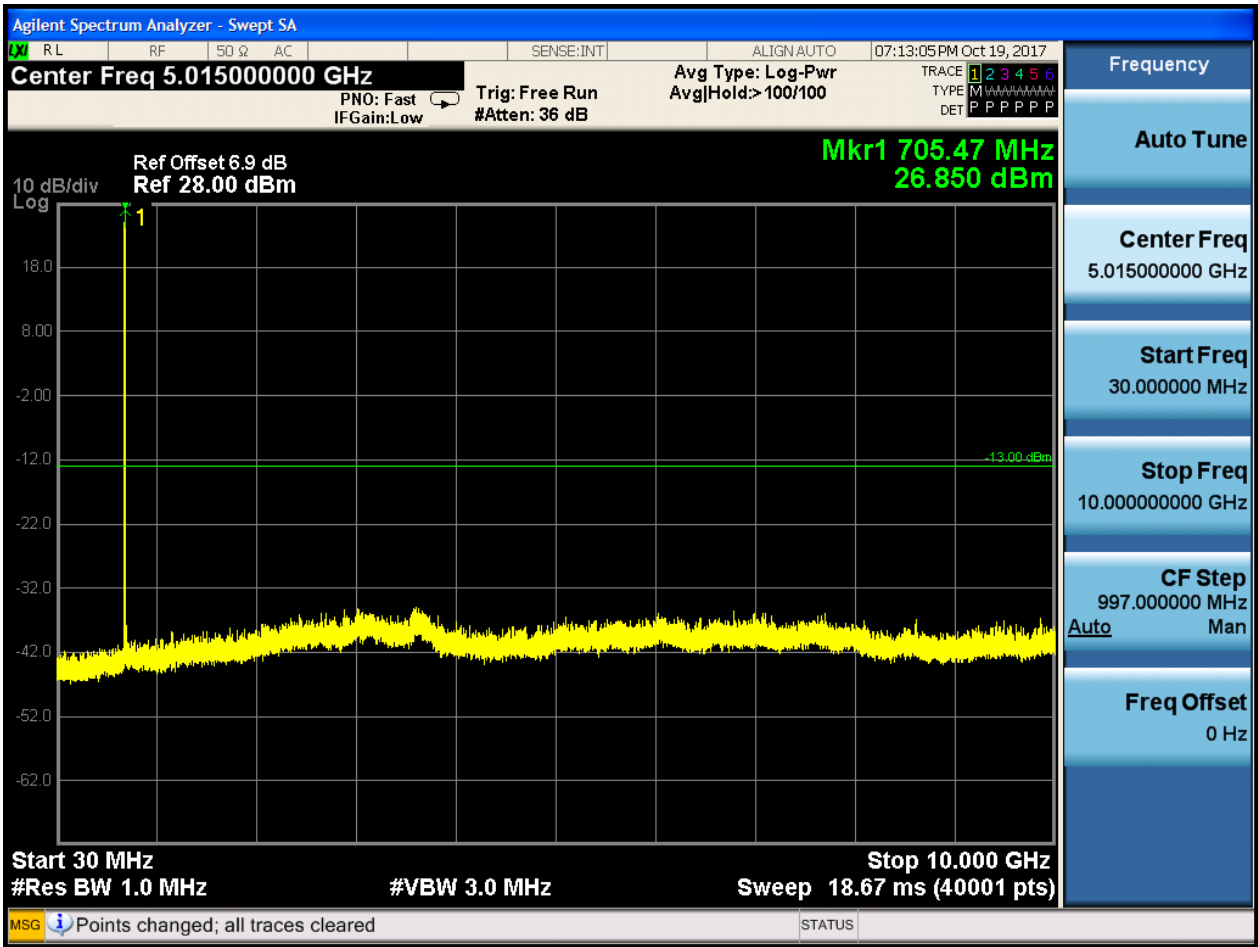


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



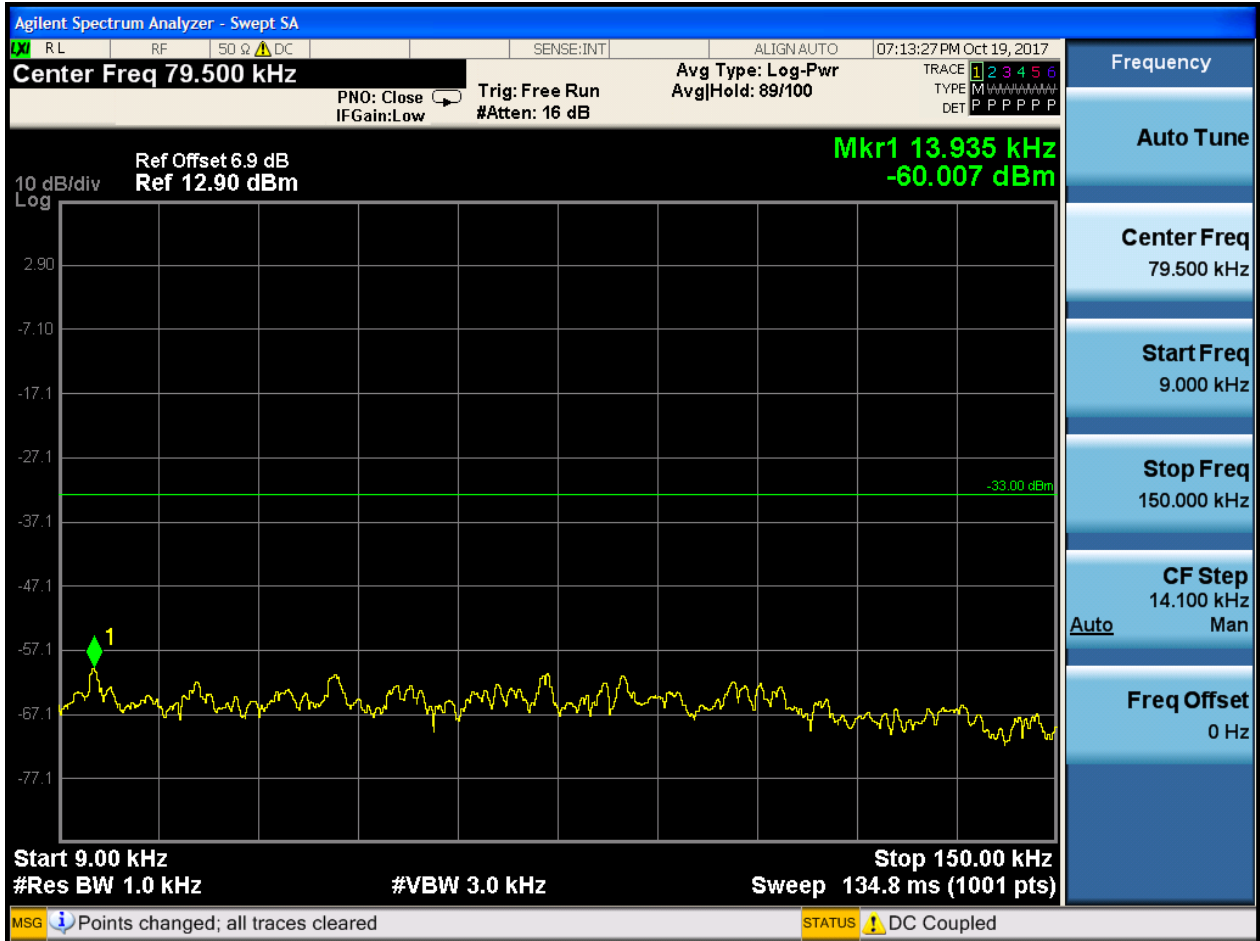


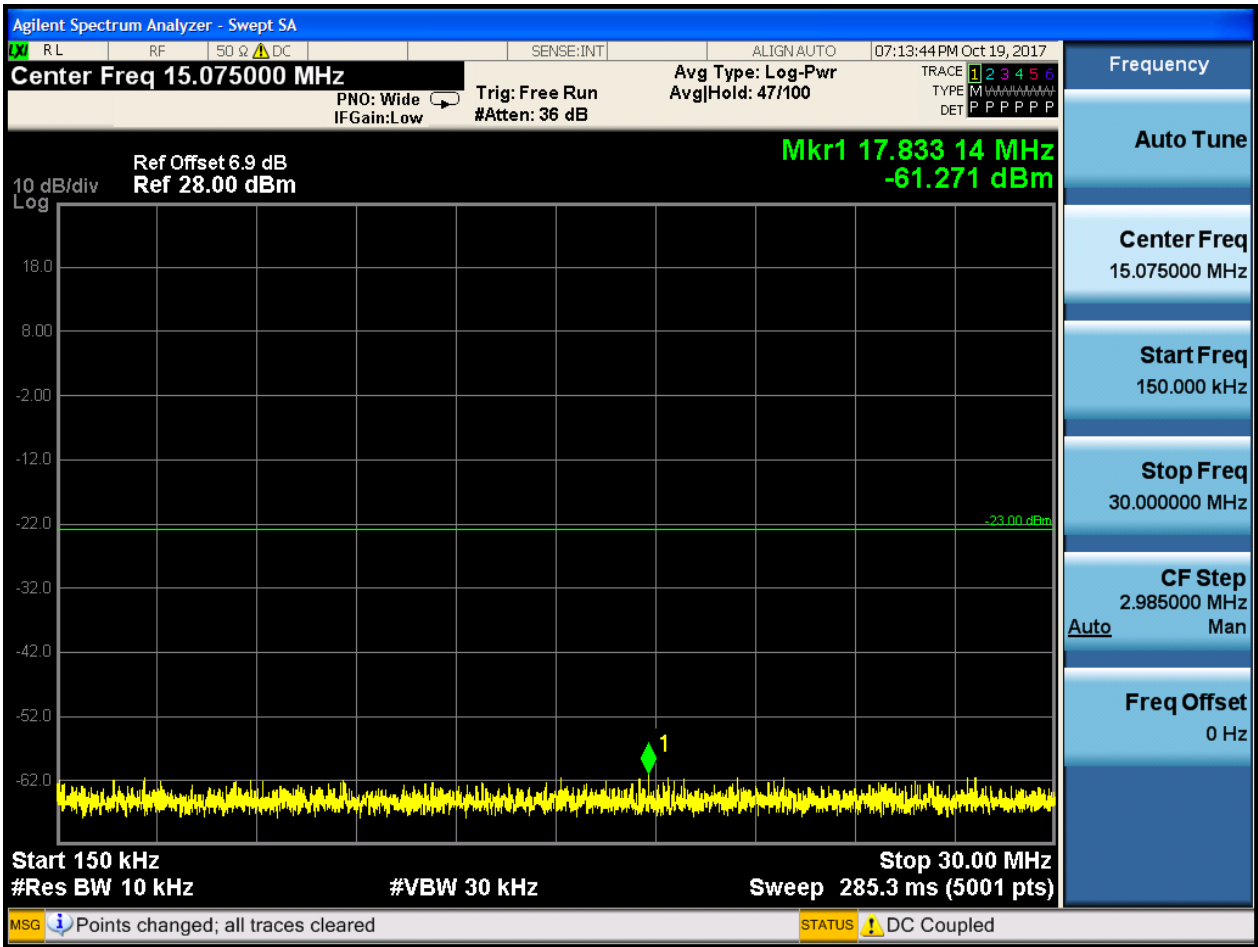


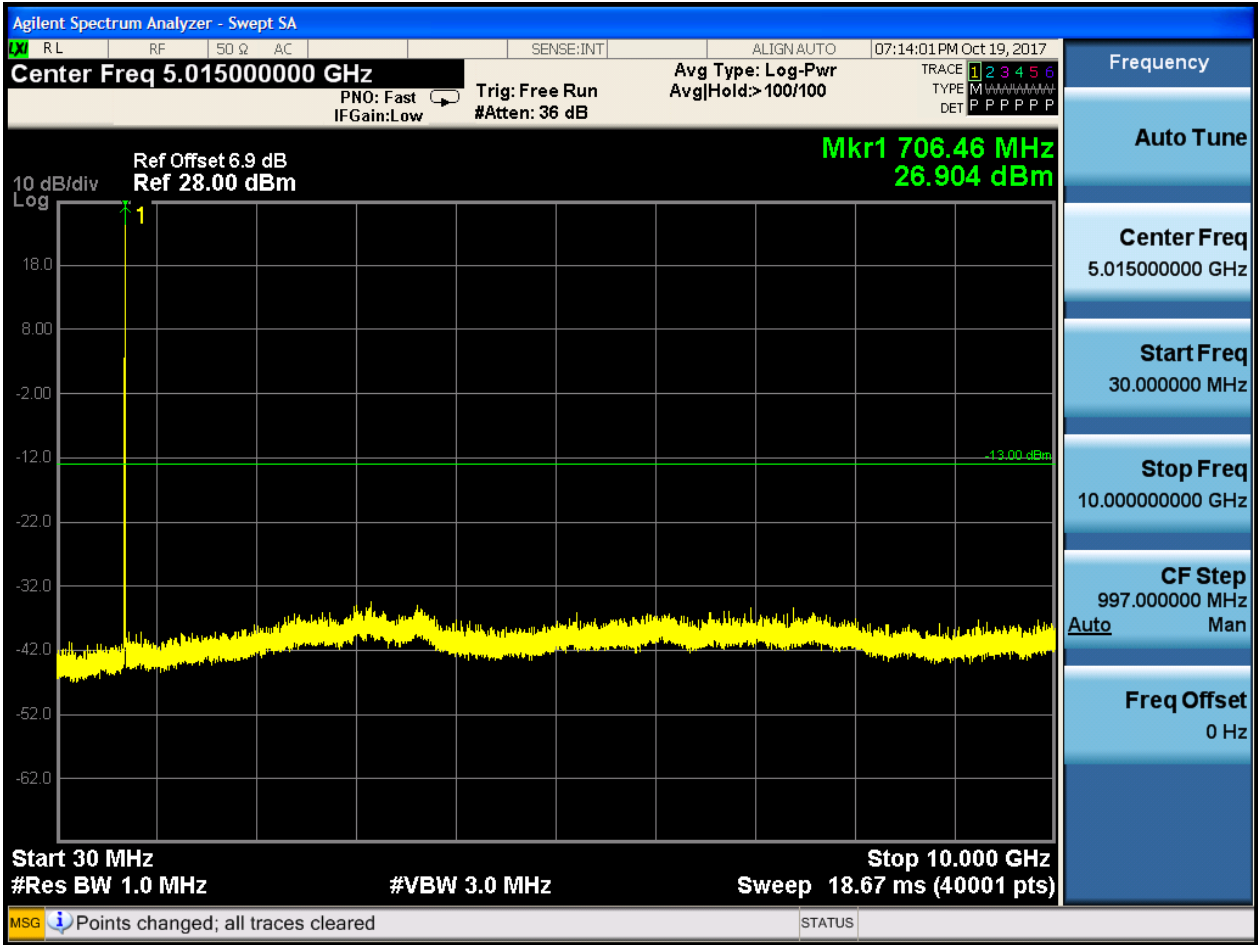


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







7Appendix_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 = 30kHz, Detector: PK

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

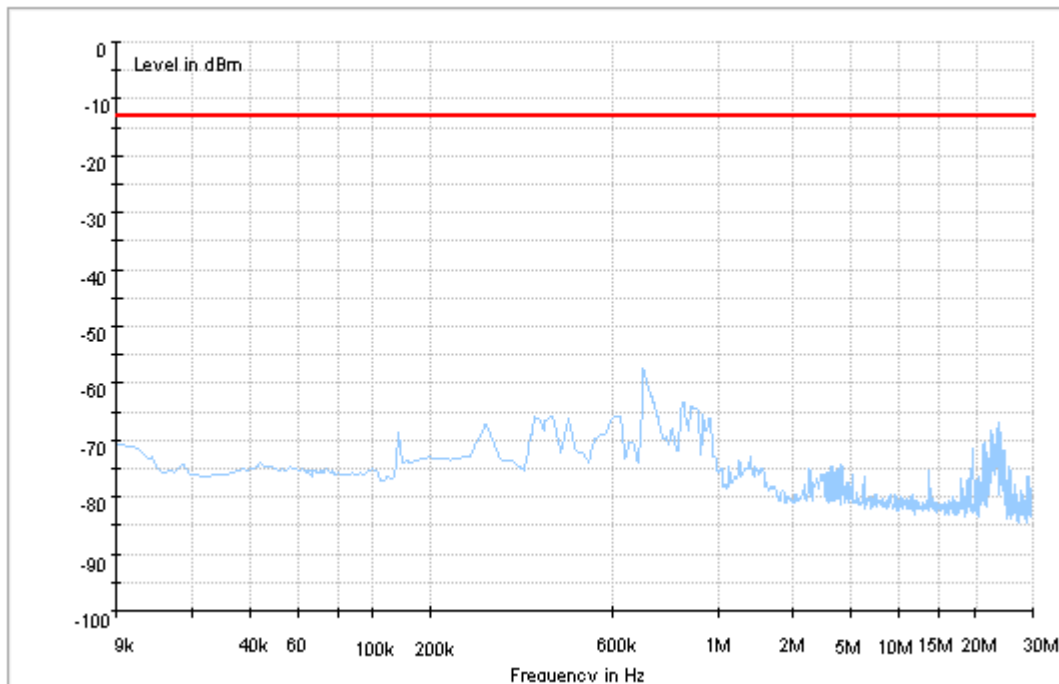
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

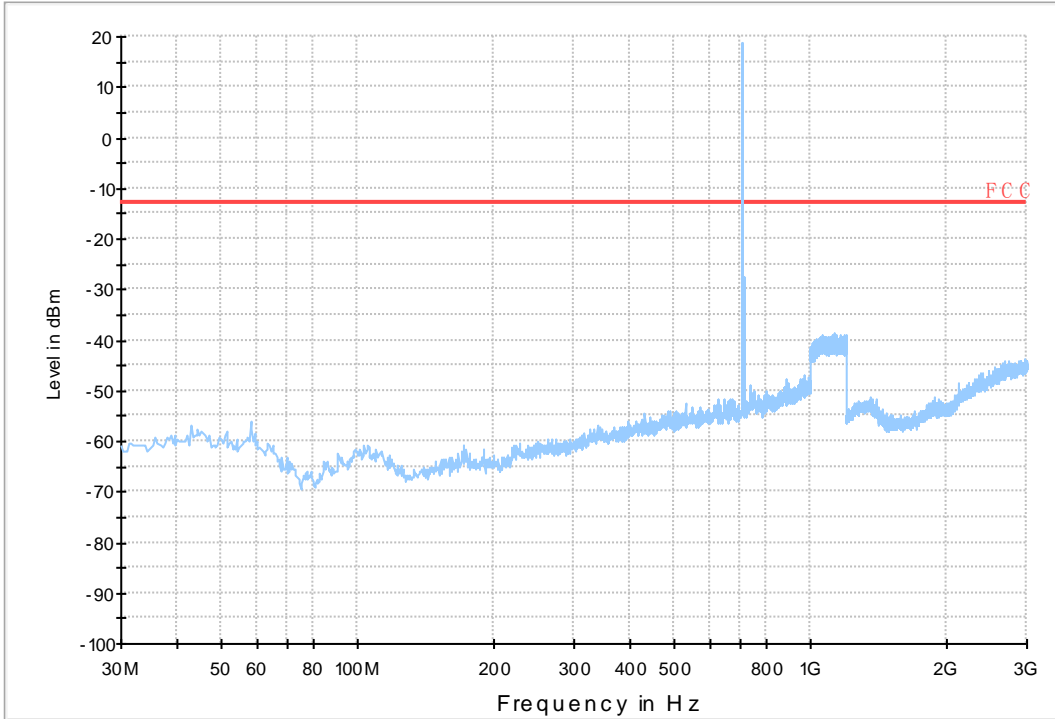
7.1 For LTE

7.1.1 Test Band = BAND17

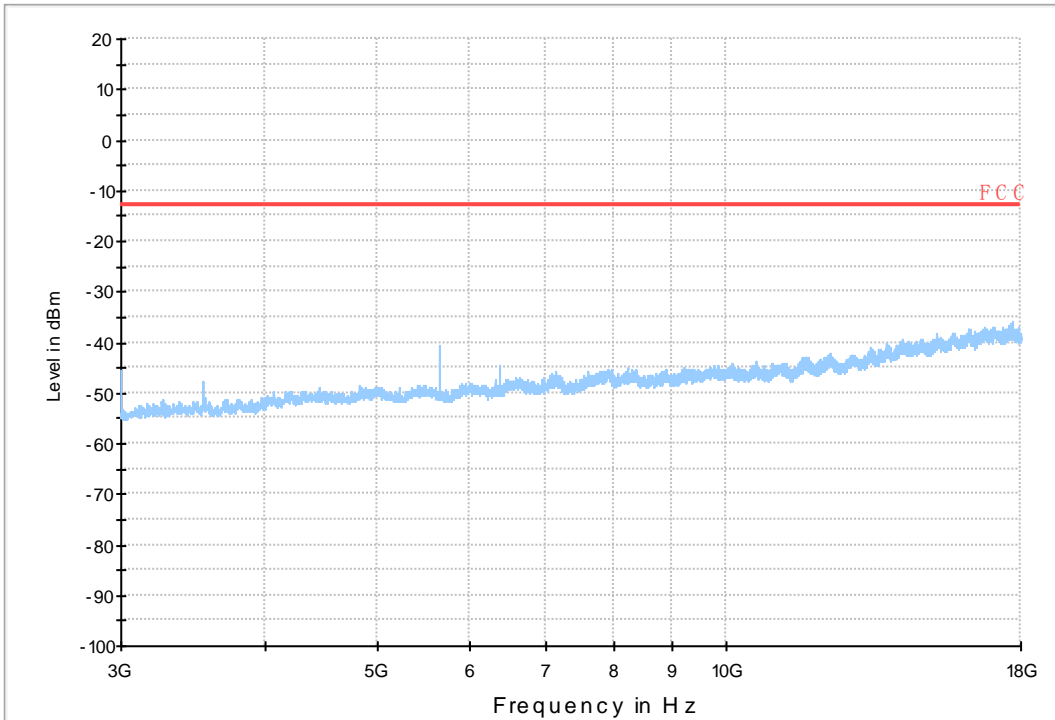
7.1.1.1 Test Bandwidth = 5



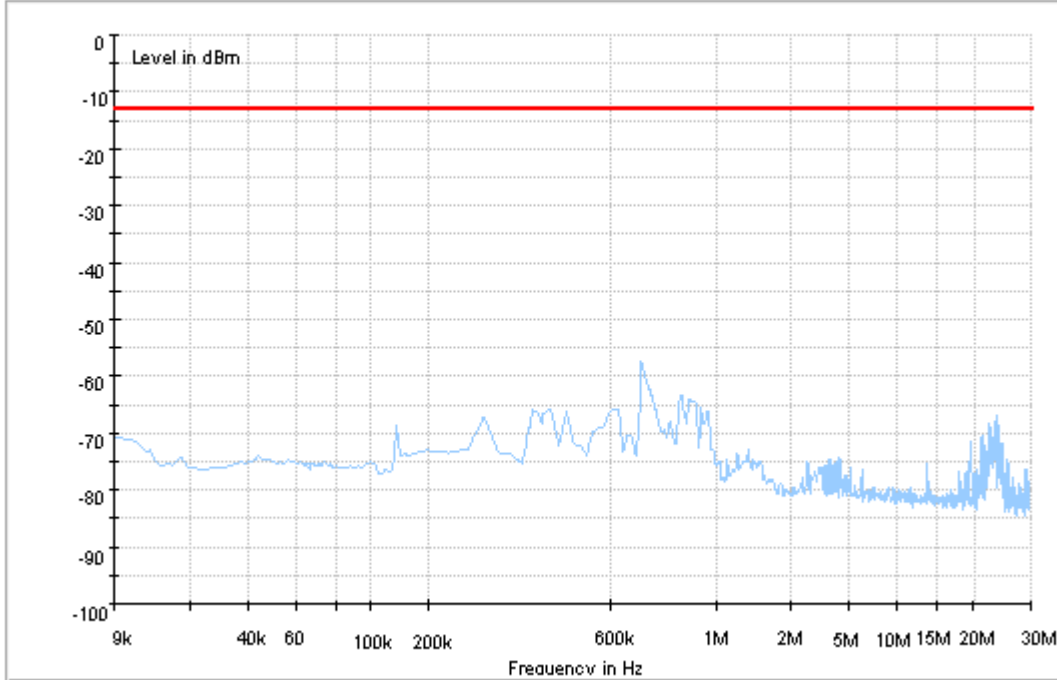
Copy of RSE-TX-DIRECTOR BELOW 1G_L



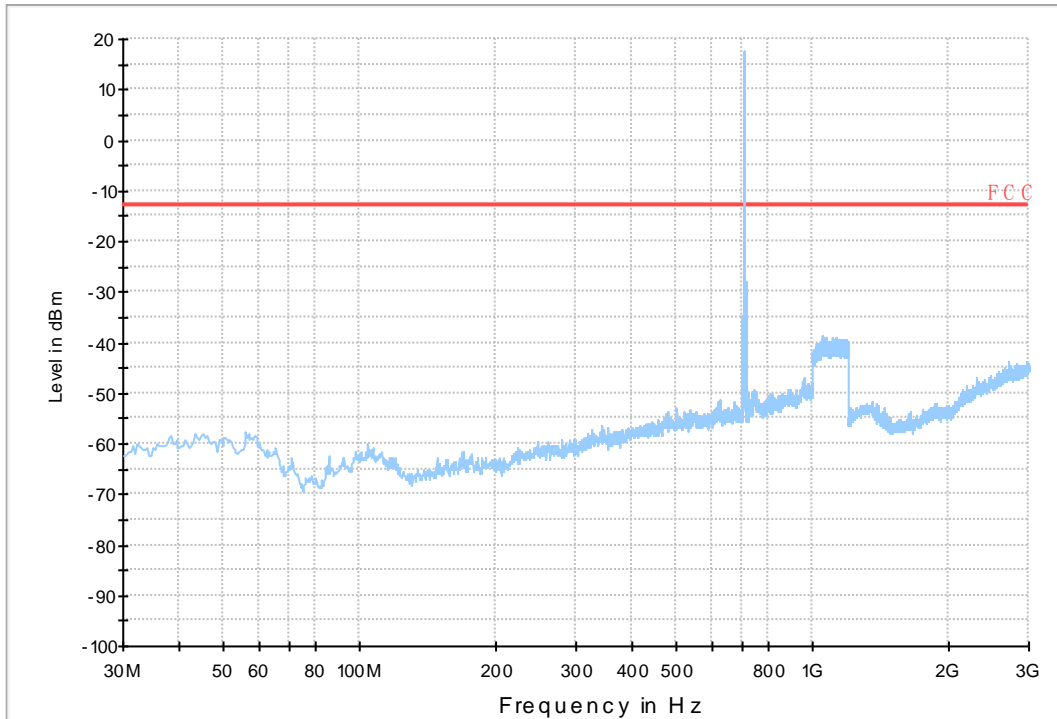
Copy of RSE-TX-DIRECTOR BELOW 1G_H



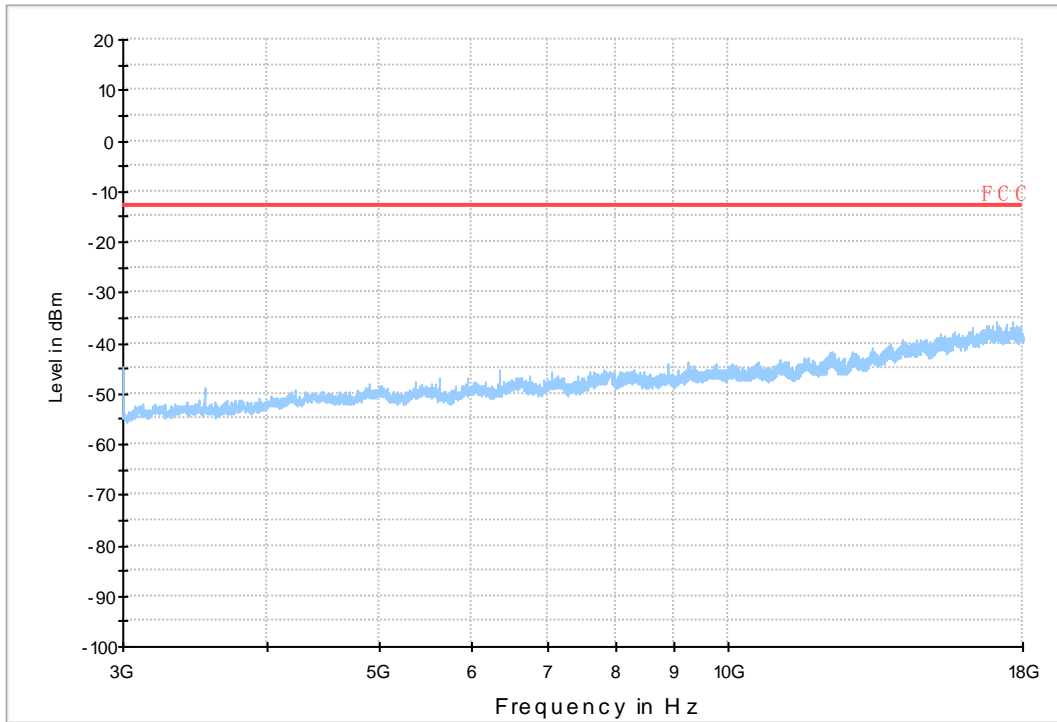
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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	1.04	0.00147	PASS
					VN	5.61	0.00794	PASS
					VH	-5.32	-0.00753	PASS
			MCH	TN	VL	7.8	0.01099	PASS
					VN	0.41	0.00058	PASS
					VH	7.28	0.01025	PASS
		HCH	TN	VL	-4.02	-0.00563	PASS	
				VN	-6.42	-0.009	PASS	
				VH	-5.74	-0.00804	PASS	
		10	LCH	TN	VL	1.44	0.00203	PASS
					VN	-2.96	-0.00417	PASS
					VH	1.3	0.00183	PASS
	MCH		TN	VL	-6.44	-0.00907	PASS	
				VN	3.63	0.00511	PASS	
				VH	-0.84	-0.00118	PASS	
	HCH	TN	VL	-0.03	-0.00004	PASS		
			VN	3.72	0.00523	PASS		
			VH	4.12	0.00579	PASS		
	LTE/TM2	5	LCH	TN	VL	7.42	0.0105	PASS
					VN	4.15	0.00587	PASS
					VH	0.37	0.00052	PASS
			MCH	TN	VL	-3.6	-0.00507	PASS
					VN	5.74	0.00808	PASS
					VH	4.56	0.00642	PASS
HCH		TN	VL	5.41	0.00758	PASS		
			VN	-12.45	-0.01745	PASS		
			VH	-5.92	-0.0083	PASS		
10		LCH	TN	VL	-1.77	-0.0025	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-7.98	-0.01126	PASS		
					VH	-2.63	-0.00371	PASS		
					MCH	TN	VL	4.52	0.00637	PASS
							VN	7.42	0.01045	PASS
			HCH	TN	VH	6.54	0.00921	PASS		
					VL	-9.26	-0.01302	PASS		
					VN	-2.95	-0.00415	PASS		
					VH	-4.22	-0.00594	PASS		

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	LTE/TM1	5	LCH	VN	-30	-0.37	-0.00052	PASS
					-20	0.46	0.00065	PASS
					-10	-3.23	-0.00457	PASS
					0	3.91	0.00553	PASS
					10	-1.83	-0.00259	PASS
					20	-1.82	-0.00258	PASS
					30	-7.4	-0.01047	PASS
					40	-0.34	-0.00048	PASS
					50	1.16	0.00164	PASS
			MCH	VN	-30	5.78	0.00814	PASS
					-20	5.79	0.00815	PASS
					-10	-3.71	-0.00523	PASS
					0	-2.05	-0.00289	PASS
					10	12.3	0.01732	PASS
					20	-0.6	-0.00085	PASS
					30	-4.82	-0.00679	PASS
					40	-4.58	-0.00645	PASS
					50	4.05	0.0057	PASS
			HCH	VN	-30	4.21	0.0059	PASS
					-20	-1.63	-0.00228	PASS
					-10	0.7	0.00098	PASS
					0	0.07	0.0001	PASS
					10	2.1	0.00294	PASS
					20	-5.64	-0.0079	PASS
					30	1.77	0.00248	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	LCH	VN	40	8.38	0.01174	PASS
					50	1.19	0.00167	PASS
					-30	4.73	0.00667	PASS
					-20	5.31	0.00749	PASS
					-10	-5.85	-0.00825	PASS
					0	-0.57	-0.0008	PASS
					10	-6.85	-0.00966	PASS
					20	0.31	0.00044	PASS
					30	2.19	0.00309	PASS
					40	1.04	0.00147	PASS
					50	-2.35	-0.00331	PASS
					-30	3.62	0.0051	PASS
		-20	-4.65	-0.00655	PASS			
		-10	-0.64	-0.0009	PASS			
		0	2.06	0.0029	PASS			
		10	7.22	0.01017	PASS			
		20	-0.64	-0.0009	PASS			
		30	3.79	0.00534	PASS			
		40	0.9	0.00127	PASS			
		50	-6.25	-0.0088	PASS			
		-30	4.63	0.00651	PASS			
		-20	6.48	0.00911	PASS			
		-10	10.2	0.01435	PASS			
		0	9.61	0.01352	PASS			
	10	3.69	0.00519	PASS				
	20	6.69	0.00941	PASS				
	30	8.14	0.01145	PASS				
	40	6.95	0.00977	PASS				
	50	3.6	0.00506	PASS				
	LTE/TM2	5	LCH	VN	-30	0.63	0.00089	PASS
					-20	-2.56	-0.00362	PASS
					-10	3.58	0.00507	PASS
0					-3.56	-0.00504	PASS	
10					-2.98	-0.00422	PASS	
20					1.8	0.00255	PASS	
30					0.24	0.00034	PASS	
40					1.14	0.00161	PASS	
50	3.86	0.00546	PASS					
		MCH	VN	-30	2.89	0.00407	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-5.58	-0.00785	PASS
					20	-10.09	-0.01419	PASS
					30	-6.19	-0.00871	PASS
					40	5.89	0.00828	PASS
					50	-6.19	-0.00871	PASS

END