



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	23.37	23.72	34.8	PASS
				RB1#13	23.39	23.74	34.8	PASS
				RB1#24	23.3	23.65	34.8	PASS
				RB12#0	22.4	22.75	34.8	PASS
				RB12#6	22.41	22.76	34.8	PASS
				RB12#13	22.38	22.73	34.8	PASS
				RB25#0	22.32	22.67	34.8	PASS
			MCH	RB1#0	23.29	23.64	34.8	PASS
				RB1#13	23.33	23.68	34.8	PASS
				RB1#24	23.3	23.65	34.8	PASS
				RB12#0	22.41	22.76	34.8	PASS
				RB12#6	22.39	22.74	34.8	PASS
				RB12#13	22.24	22.59	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.29	22.64	34.8	PASS
			HCH	RB1#0	23.3	23.65	34.8	PASS
				RB1#13	23.45	23.8	34.8	PASS
				RB1#24	23.13	23.48	34.8	PASS
				RB12#0	22.35	22.7	34.8	PASS
				RB12#6	22.38	22.73	34.8	PASS
				RB12#13	22.37	22.72	34.8	PASS
				RB25#0	22.27	22.62	34.8	PASS
		10		LCH	RB1#0	23.47	23.82	34.8
			RB1#25		23.29	23.64	34.8	PASS
			RB1#49		23.44	23.79	34.8	PASS
			RB25#0		22.42	22.77	34.8	PASS
			RB25#13		22.27	22.62	34.8	PASS
			RB25#25		22.27	22.62	34.8	PASS
			RB50#0		22.37	22.72	34.8	PASS
			MCH	RB1#0	23.33	23.68	34.8	PASS
				RB1#25	23.31	23.66	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict		
				RB1#49	23.45	23.8	34.8	PASS		
				RB25#0	22.3	22.65	34.8	PASS		
				RB25#13	22.3	22.65	34.8	PASS		
				RB25#25	22.27	22.62	34.8	PASS		
				RB50#0	22.3	22.65	34.8	PASS		
			HCH	RB1#0	23.38	23.73	34.8	PASS		
				RB1#25	23.15	23.5	34.8	PASS		
				RB1#49	23.15	23.5	34.8	PASS		
				RB25#0	22.38	22.73	34.8	PASS		
				RB25#13	22.36	22.71	34.8	PASS		
				RB25#25	22.29	22.64	34.8	PASS		
				RB50#0	22.25	22.6	34.8	PASS		
			LTE/TM2	5	LCH	RB1#0	22.25	22.6	34.8	PASS
						RB1#13	22.25	22.6	34.8	PASS
	RB1#24	22.2				22.55	34.8	PASS		
	RB12#0	21.48				21.83	34.8	PASS		
	RB12#6	21.46				21.81	34.8	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict			
				RB12#13	21.53	21.88	34.8	PASS			
				RB25#0	21.36	21.71	34.8	PASS			
			MCH	RB1#0	22.28	22.63	34.8	PASS			
				RB1#13	22.25	22.6	34.8	PASS			
				RB1#24	22.2	22.55	34.8	PASS			
				RB12#0	21.45	21.8	34.8	PASS			
				RB12#6	21.56	21.91	34.8	PASS			
				RB12#13	21.41	21.76	34.8	PASS			
				RB25#0	21.27	21.62	34.8	PASS			
				HCH	RB1#0	22.18	22.53	34.8	PASS		
			RB1#13		22.29	22.64	34.8	PASS			
			RB1#24		22.03	22.38	34.8	PASS			
			RB12#0		21.34	21.69	34.8	PASS			
			RB12#6		21.39	21.74	34.8	PASS			
			RB12#13		21.42	21.77	34.8	PASS			
							RB25#0	21.27	21.62	34.8	PASS
					10	LCH	RB1#0	22.63	22.98	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.41	22.76	34.8	PASS
				RB1#49	22.5	22.85	34.8	PASS
				RB25#0	21.29	21.64	34.8	PASS
				RB25#13	21.2	21.55	34.8	PASS
				RB25#25	21.28	21.63	34.8	PASS
				RB50#0	21.38	21.73	34.8	PASS
			MCH	RB1#0	22.57	22.92	34.8	PASS
				RB1#25	22.54	22.89	34.8	PASS
				RB1#49	22.63	22.98	34.8	PASS
				RB25#0	21.19	21.54	34.8	PASS
				RB25#13	21.31	21.66	34.8	PASS
				RB25#25	21.32	21.67	34.8	PASS
				RB50#0	21.36	21.71	34.8	PASS
			HCH	RB1#0	22.37	22.72	34.8	PASS
				RB1#25	22.1	22.45	34.8	PASS
				RB1#49	22.16	22.51	34.8	PASS
				RB25#0	21.41	21.76	34.8	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.3	21.65	34.8	PASS
				RB25#25	21.34	21.69	34.8	PASS
				RB50#0	21.31	21.66	34.8	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: RBW > emission bandwidth, VBW > 3 x RBW.

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	4.53	13	PASS
				RB1#13	4.4	13	PASS
				RB1#24	4.38	13	PASS
				RB12#0	5.85	13	PASS
				RB12#6	5.83	13	PASS
				RB12#13	5.86	13	PASS
				RB25#0	6.09	13	PASS
			MCH	RB1#0	4.39	13	PASS
				RB1#13	4.38	13	PASS
				RB1#24	4.61	13	PASS
				RB12#0	5.79	13	PASS
				RB12#6	5.73	13	PASS
				RB12#13	6.01	13	PASS
				RB25#0	6.09	13	PASS
		HCH	RB1#0	5.06	13	PASS	
			RB1#13	4.91	13	PASS	
			RB1#24	4.86	13	PASS	
			RB12#0	6.62	13	PASS	
			RB12#6	6.33	13	PASS	
			RB12#13	6.37	13	PASS	
			RB25#0	6.45	13	PASS	
		10	LCH	RB1#0	4.59	13	PASS
				RB1#25	4.46	13	PASS
				RB1#49	4.66	13	PASS
				RB25#0	5.82	13	PASS
				RB25#13	5.89	13	PASS
				RB25#25	5.97	13	PASS
				RB50#0	6.13	13	PASS
MCH	RB1#0		4.62	13	PASS		
	RB1#25		4.49	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.58	13	PASS
				RB25#0	5.77	13	PASS
				RB25#13	5.81	13	PASS
				RB25#25	5.98	13	PASS
				RB50#0	5.96	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#25	4.56	13	PASS
				RB1#49	4.51	13	PASS
				RB25#0	6.09	13	PASS
				RB25#13	6.11	13	PASS
				RB25#25	6.34	13	PASS
			LCH	RB50#0	6.21	13	PASS
				RB1#0	5.74	13	PASS
				RB1#13	5.63	13	PASS
				RB1#24	5.61	13	PASS
	RB12#0	6.6		13	PASS		
	RB12#6	6.62		13	PASS		
	MCH	RB12#13	6.5	13	PASS		
		RB25#0	7.18	13	PASS		
		RB1#0	5.61	13	PASS		
		RB1#13	5.61	13	PASS		
		RB1#24	5.87	13	PASS		
		RB12#0	6.52	13	PASS		
		RB12#6	6.45	13	PASS		
	HCH	RB12#13	6.67	13	PASS		
		RB25#0	7.05	13	PASS		
		RB1#0	5	13	PASS		
		RB1#13	4.96	13	PASS		
		RB1#24	4.93	13	PASS		
		RB12#0	6.94	13	PASS		
LCH	RB12#6	6.9	13	PASS			
	RB12#13	6.82	13	PASS			
	RB25#0	7	13	PASS			
	RB1#0	6.08	13	PASS			
	RB1#25	5.96	13	PASS			
	RB1#49	6.3	13	PASS			
		10	LCH	RB25#0	7.27	13	PASS
				RB25#13	7.18	13	PASS
				RB25#25	7.3	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	7.17	13	PASS
			MCH	RB1#0	6.13	13	PASS
				RB1#25	5.95	13	PASS
				RB1#49	6.16	13	PASS
				RB25#0	7.38	13	PASS
				RB25#13	7.32	13	PASS
				RB25#25	7.52	13	PASS
				RB50#0	7.03	13	PASS
			HCH	RB1#0	5.7	13	PASS
				RB1#25	5.8	13	PASS
				RB1#49	5.76	13	PASS
				RB25#0	7.16	13	PASS
				RB25#13	7.26	13	PASS
				RB25#25	7.42	13	PASS
				RB50#0	6.74	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

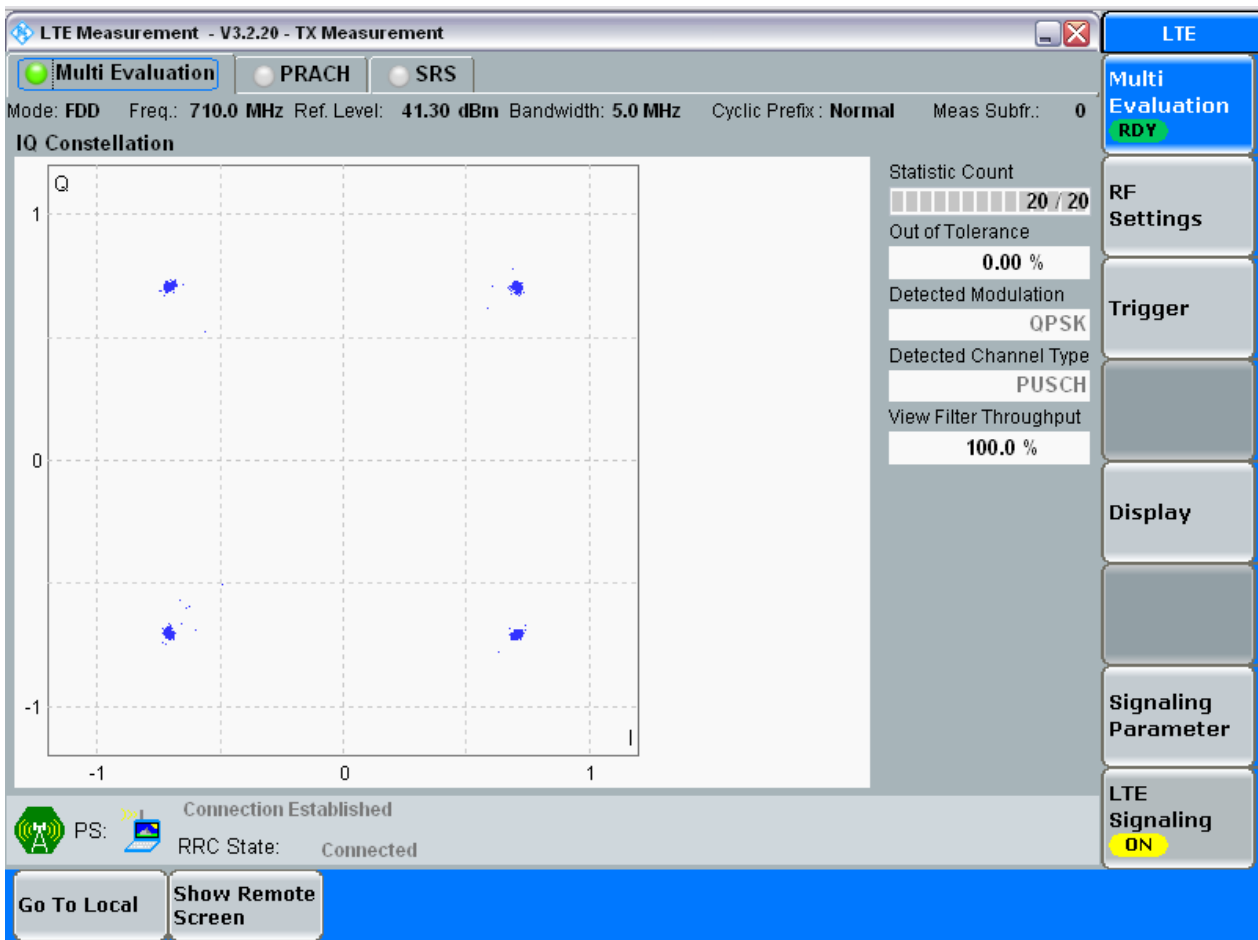
3.1.1 Test Band = BAND17

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

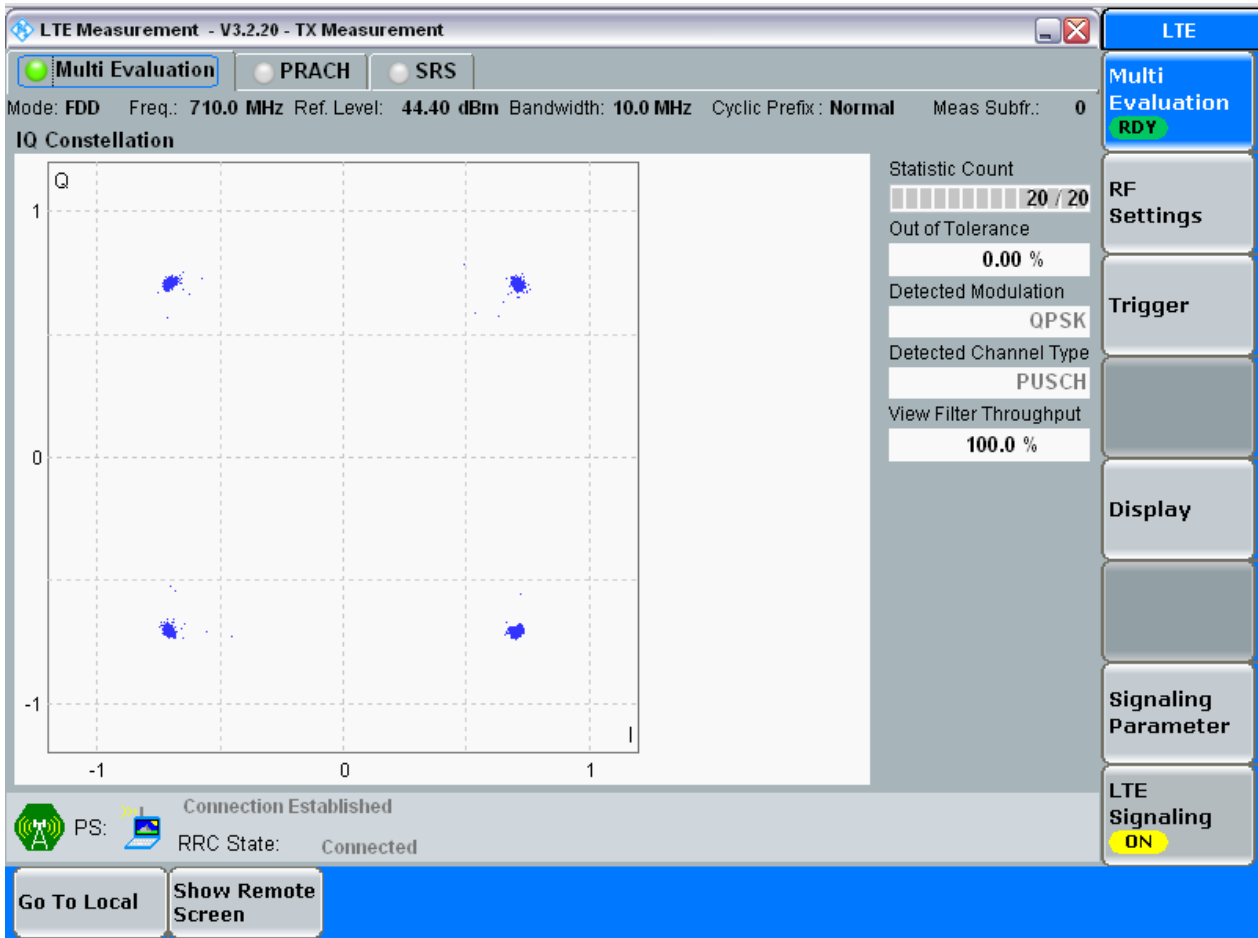
3.1.1.1.1.1.1 Test RB = RB25#0



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

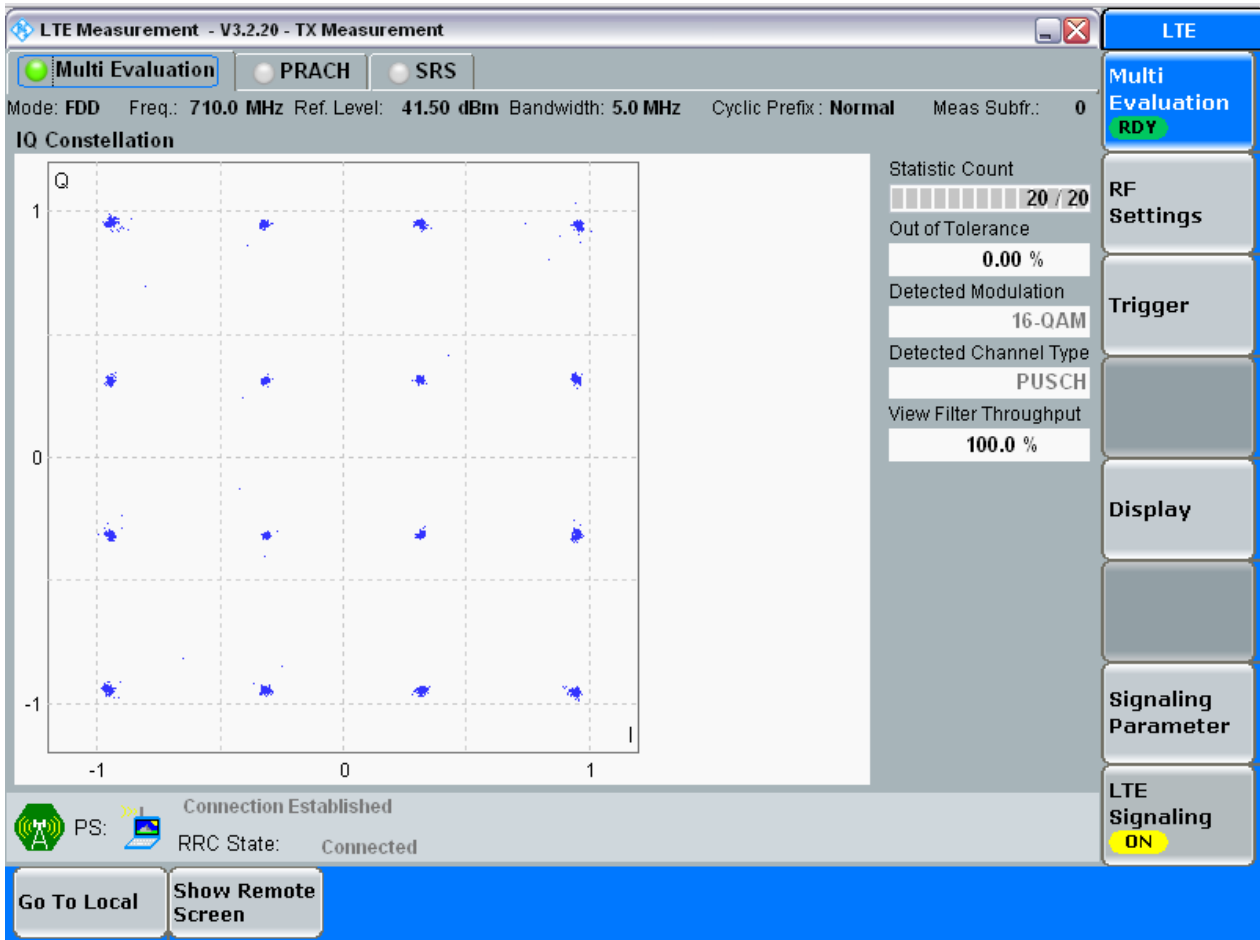


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

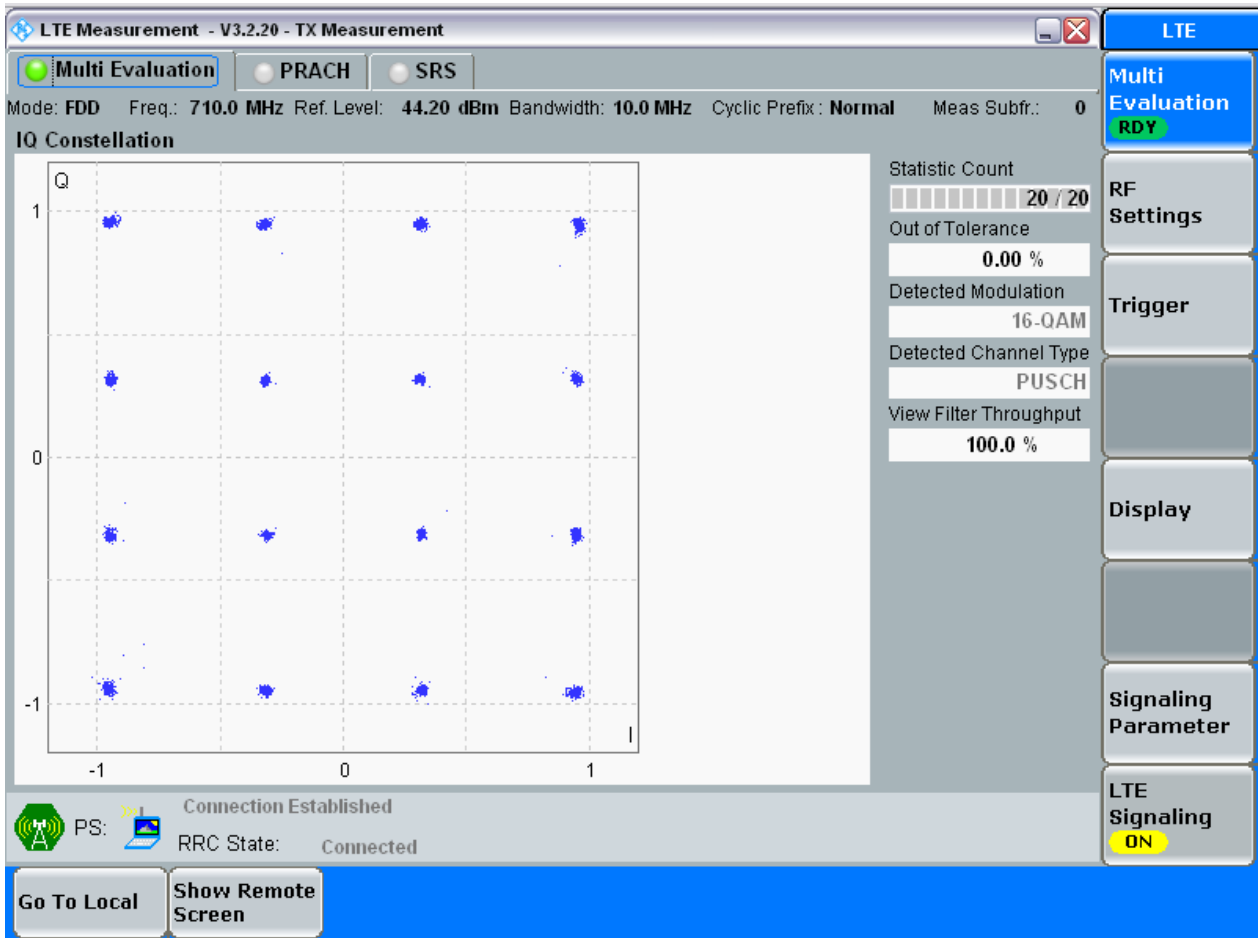
3.1.1.2.1.1.1 Test RB = RB25#0



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	4.50	4.89	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.50	4.93	Pass
		10	LCH	RB50#0	8.95	9.56	Pass
			MCH	RB50#0	8.97	9.57	Pass
			HCH	RB50#0	8.96	9.55	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.91	Pass
			HCH	RB25#0	4.51	4.88	Pass
		10	LCH	RB50#0	8.94	9.57	Pass
			MCH	RB50#0	8.96	9.56	Pass
			HCH	RB50#0	8.98	9.52	Pass



Part II - Test Plots

4.1 For LTE

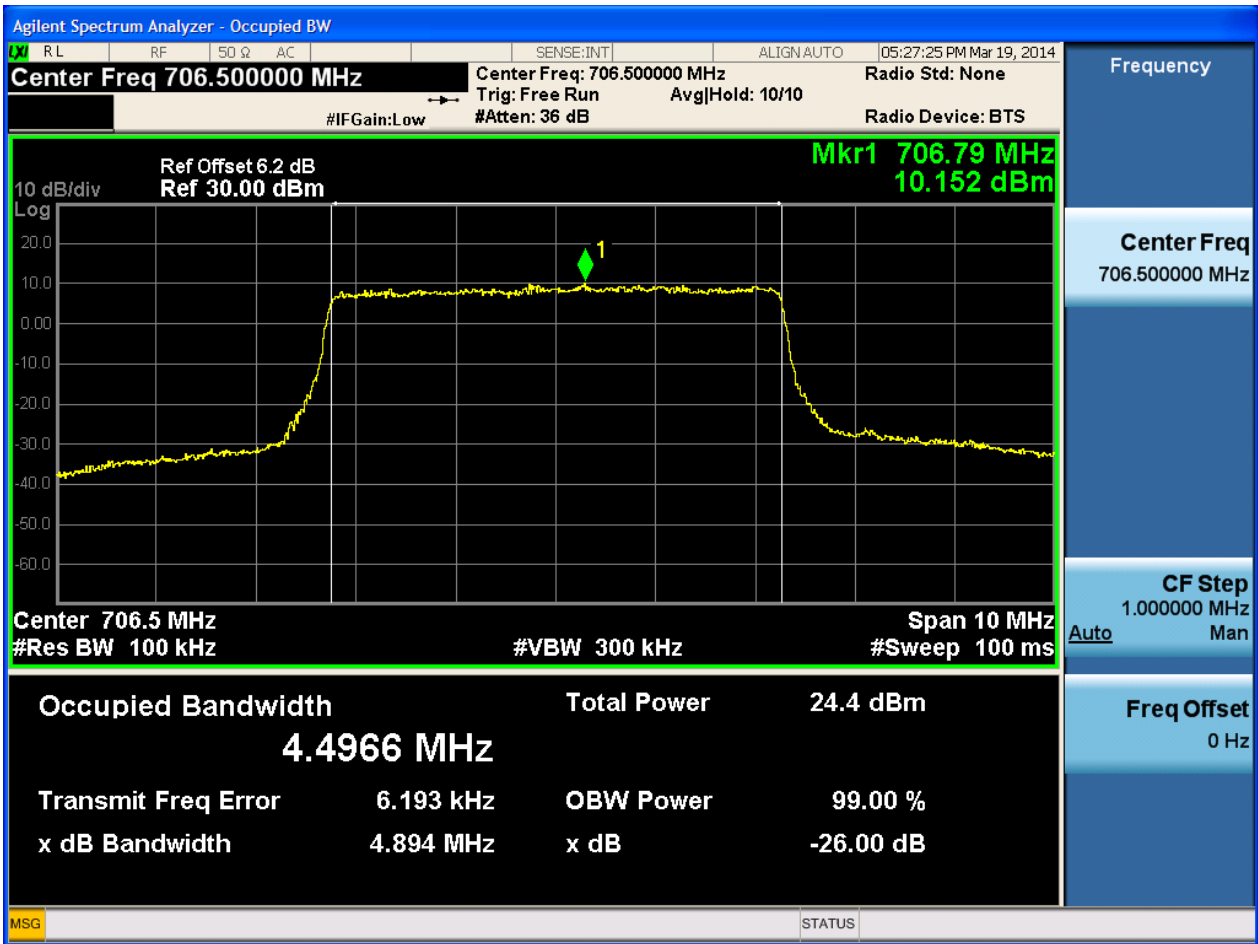
4.1.1 Test Band = BAND17

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

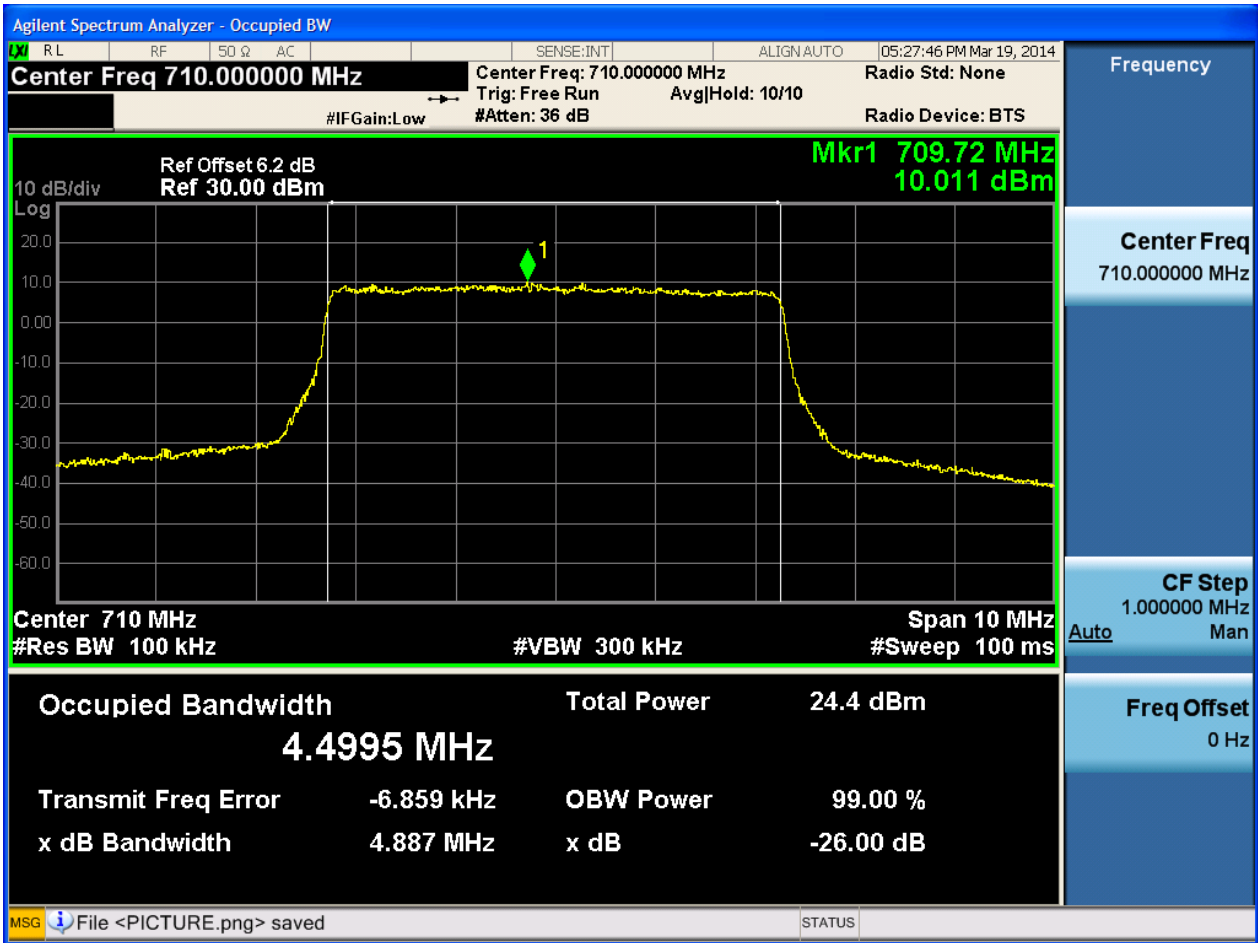
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

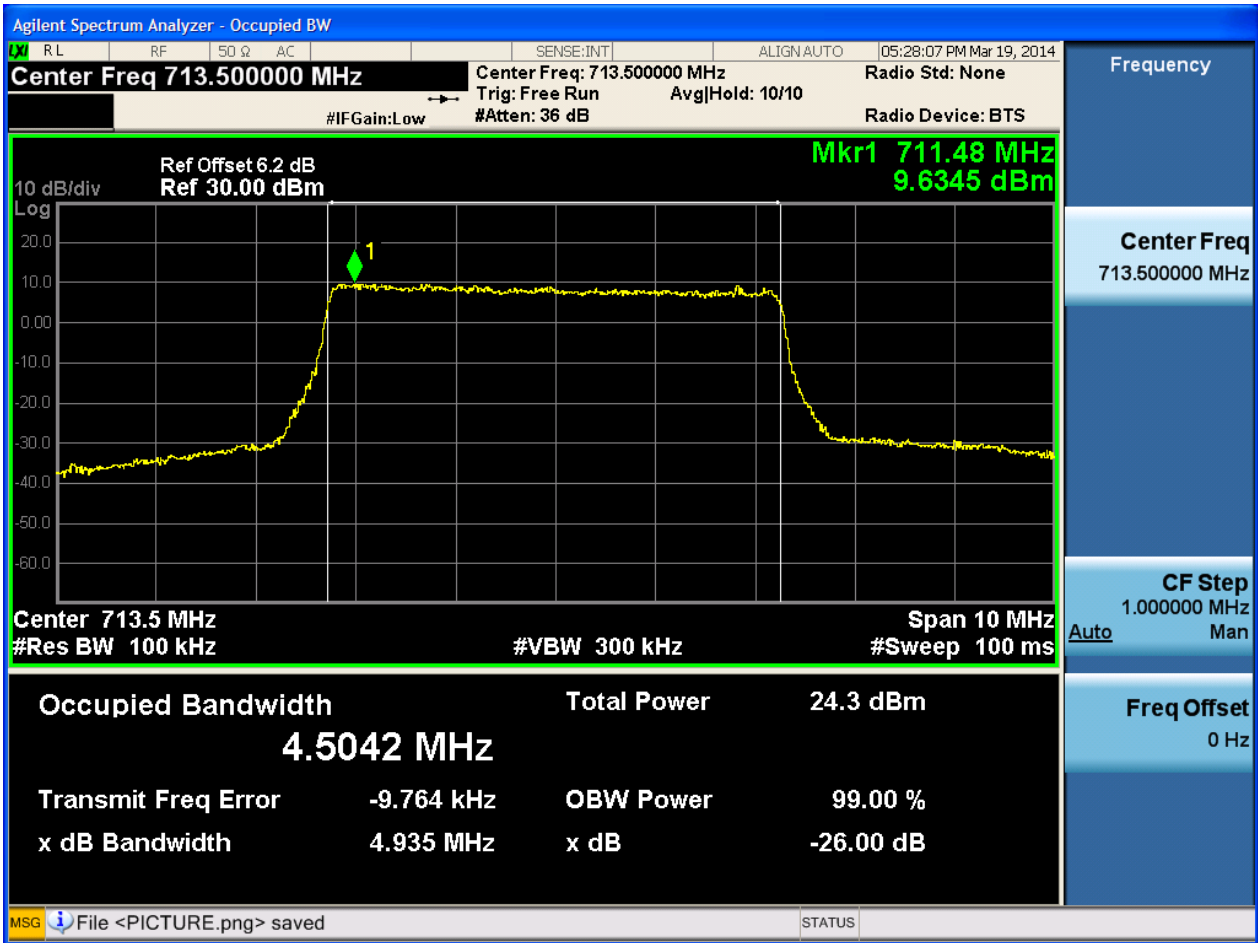
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

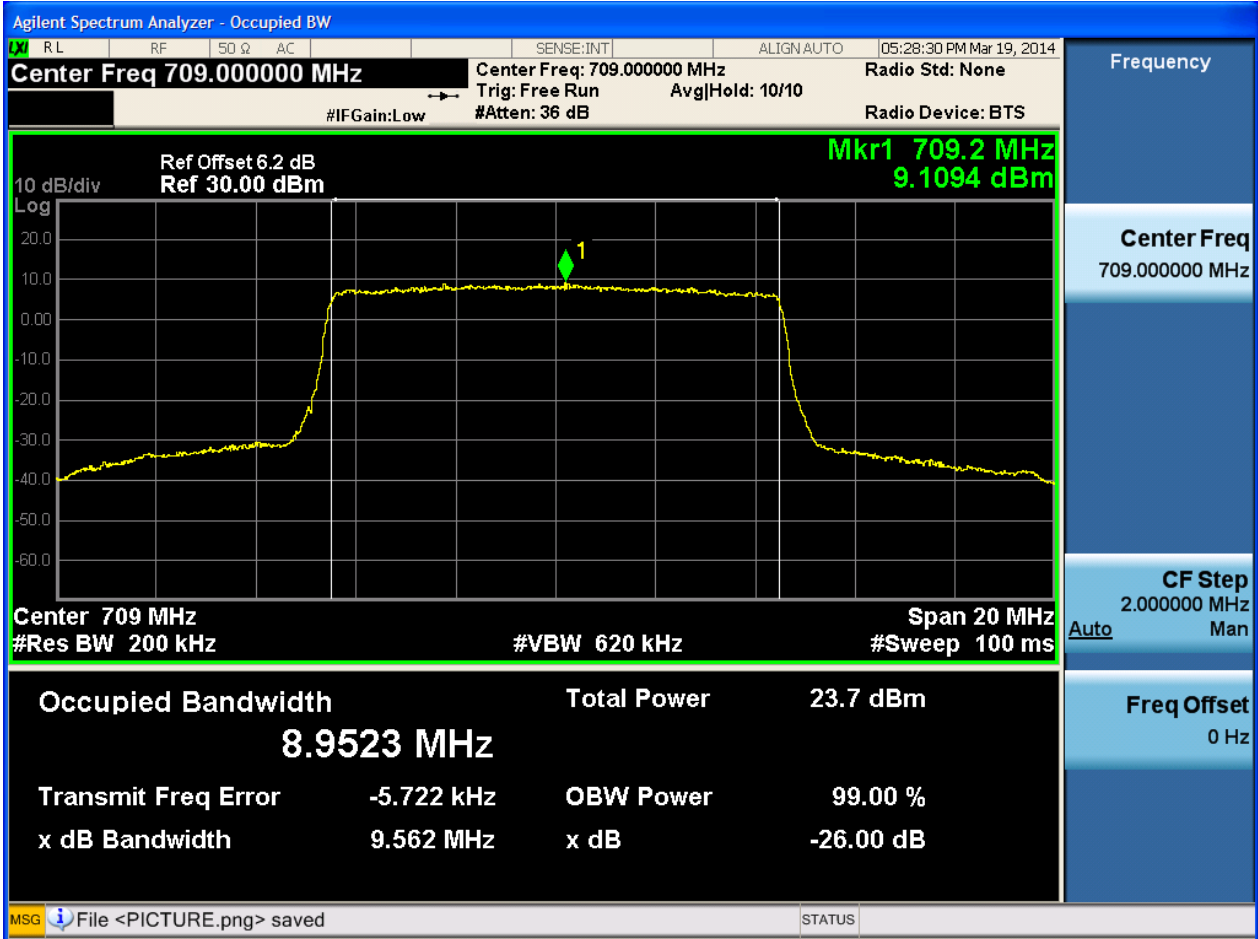




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

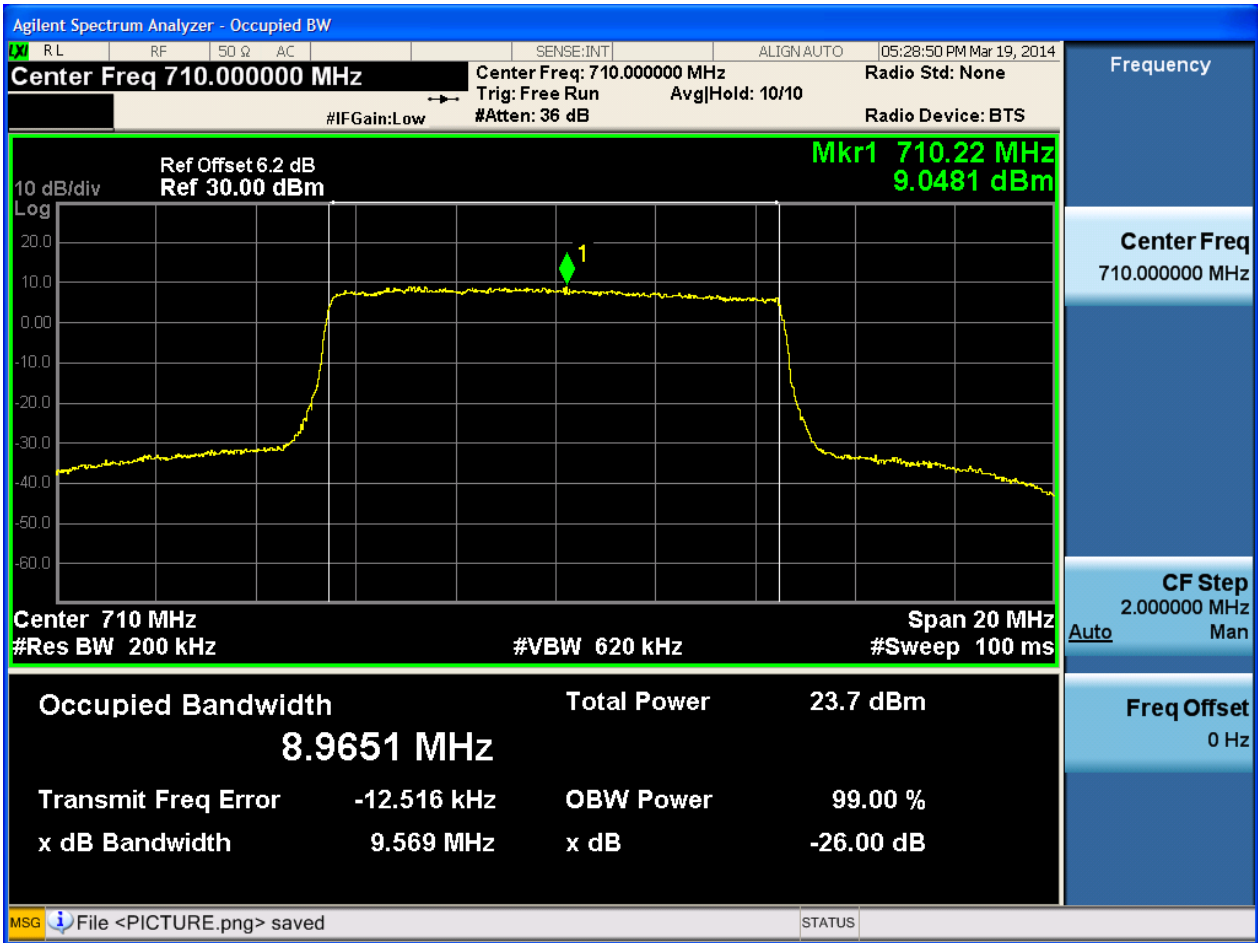
4.1.1.1.2.1.1 Test RB = RB50#0





4.1.1.1.2.2 Test Channel = MCH

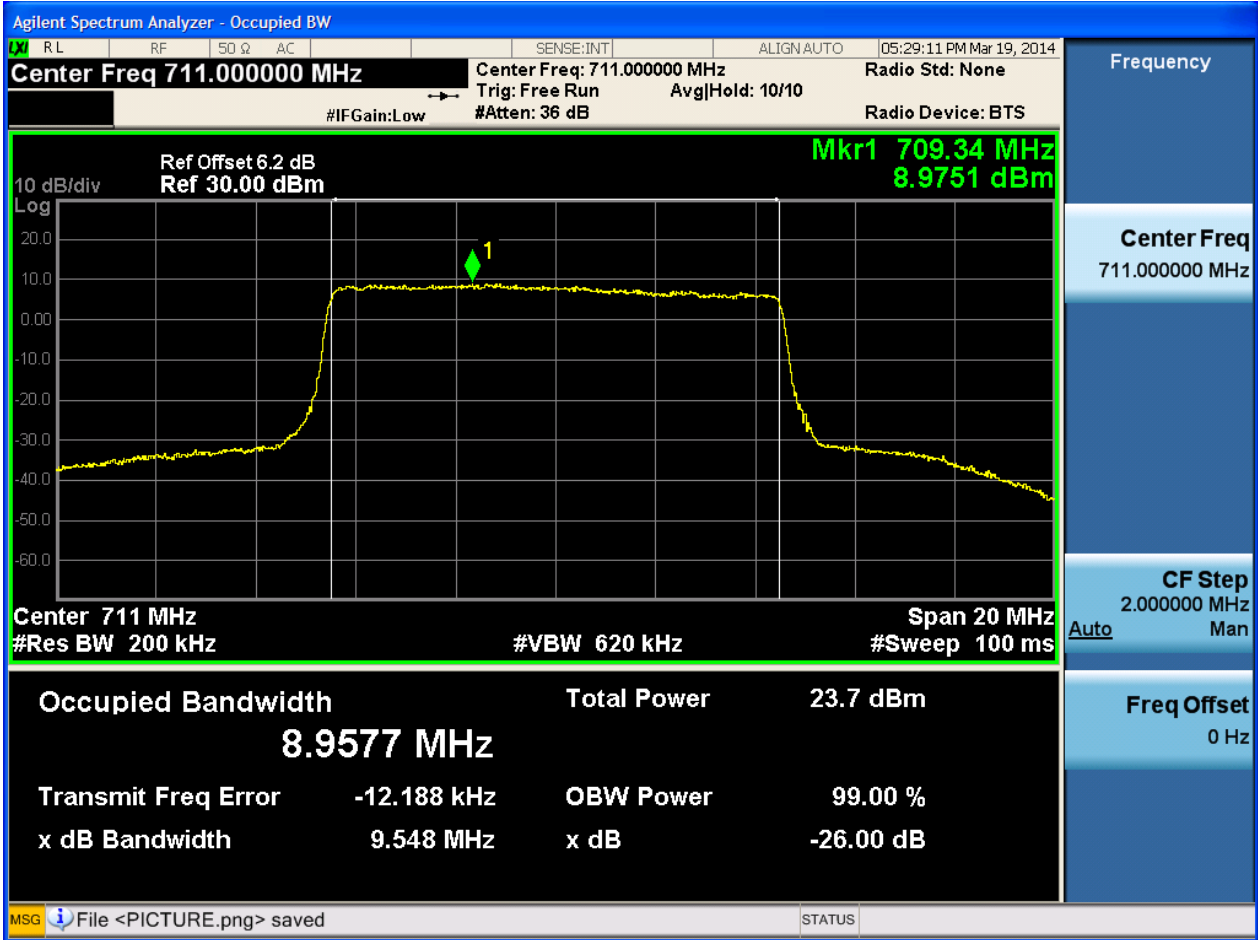
4.1.1.1.2.2.1 Test RB = RB50#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0



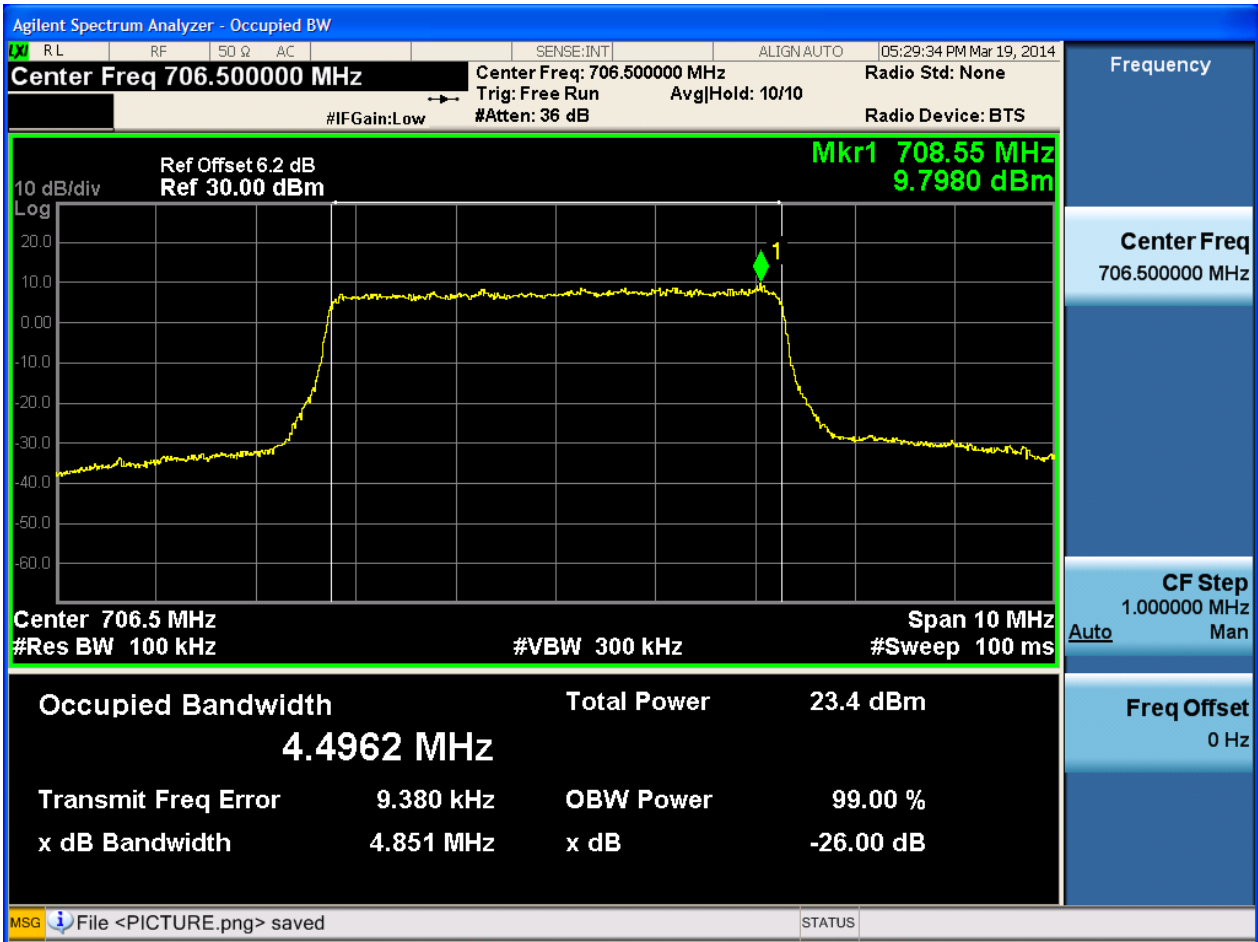


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

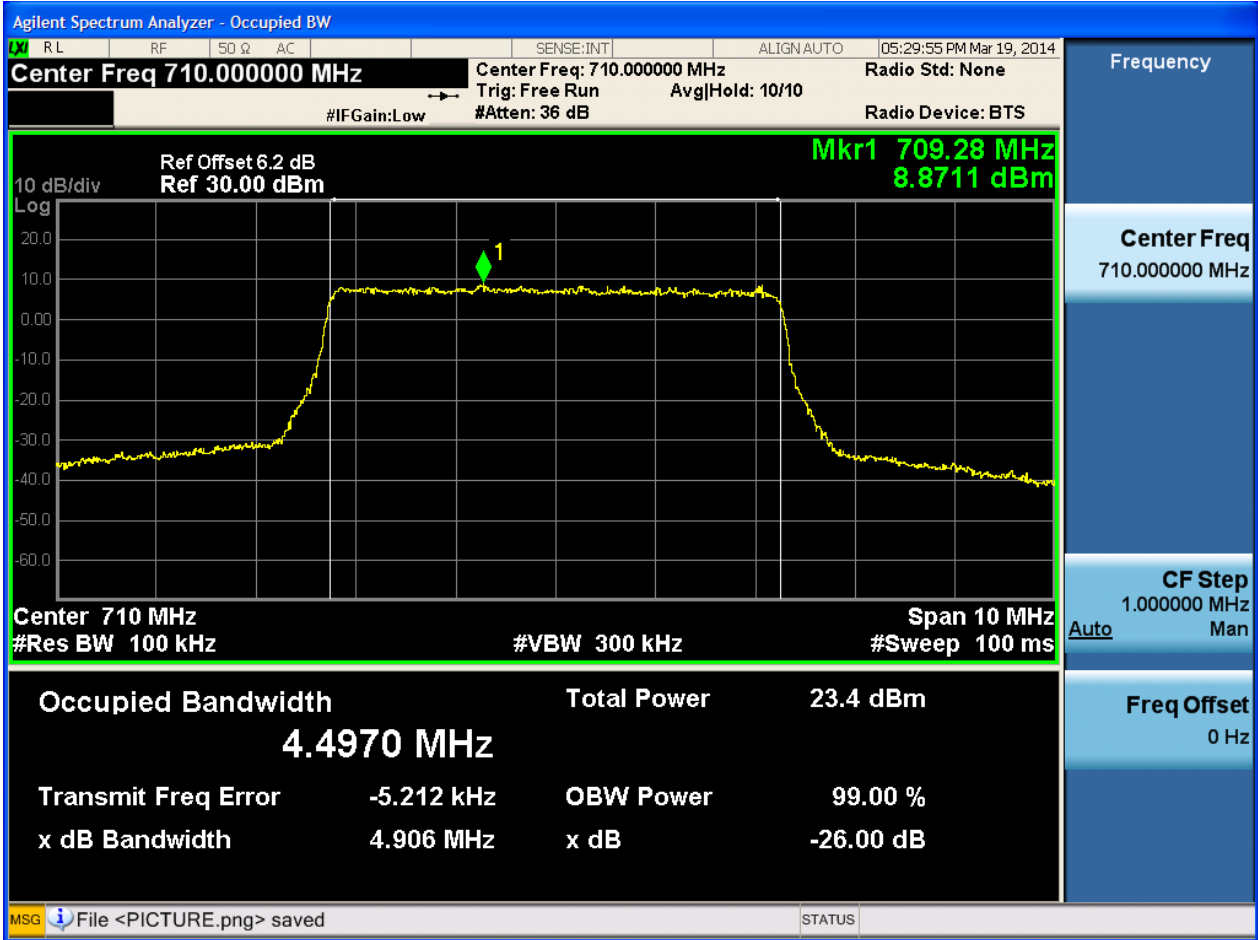
4.1.1.2.1.1.1 Test RB = RB25#0





4.1.1.2.1.2 Test Channel = MCH

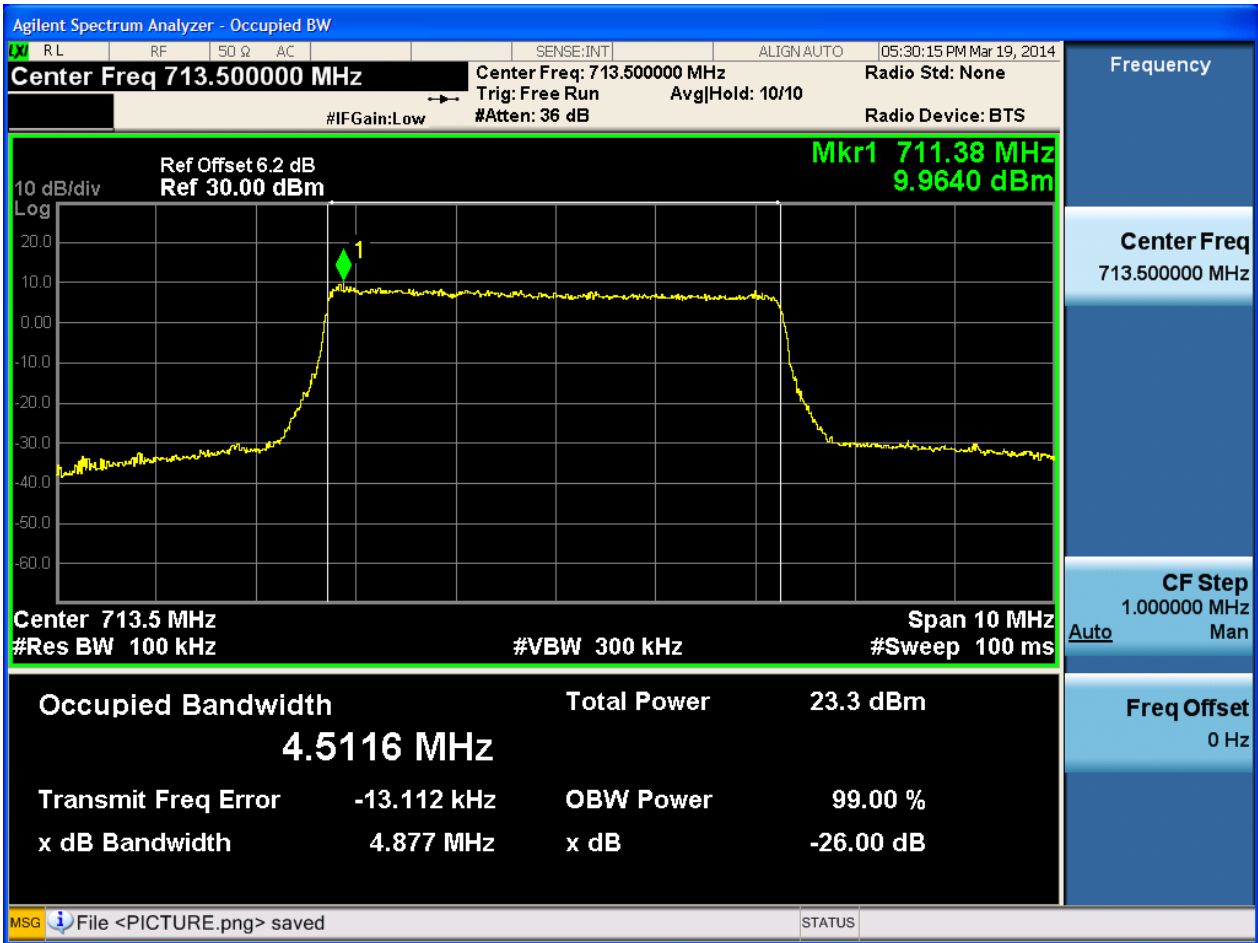
4.1.1.2.1.2.1 Test RB = RB25#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

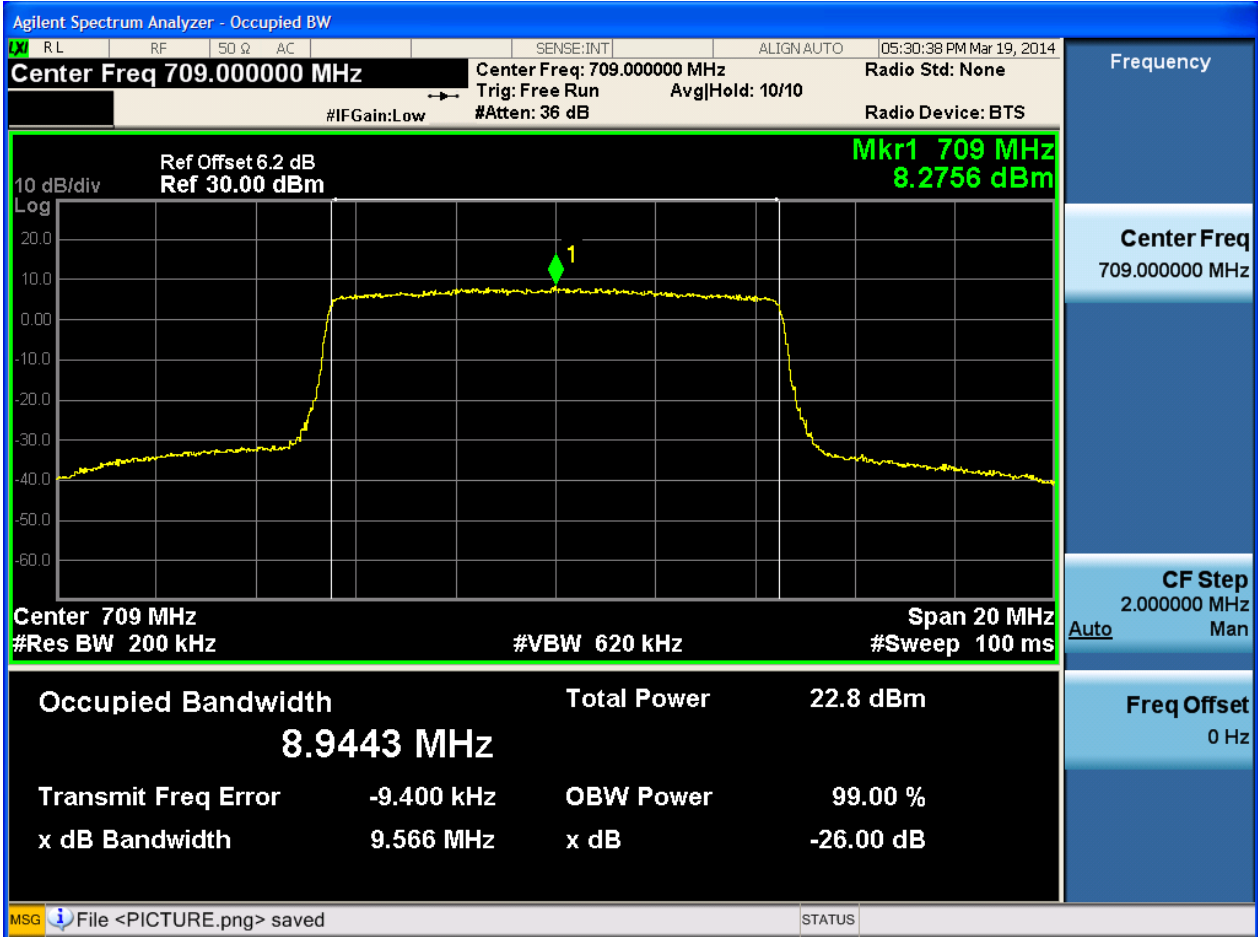




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

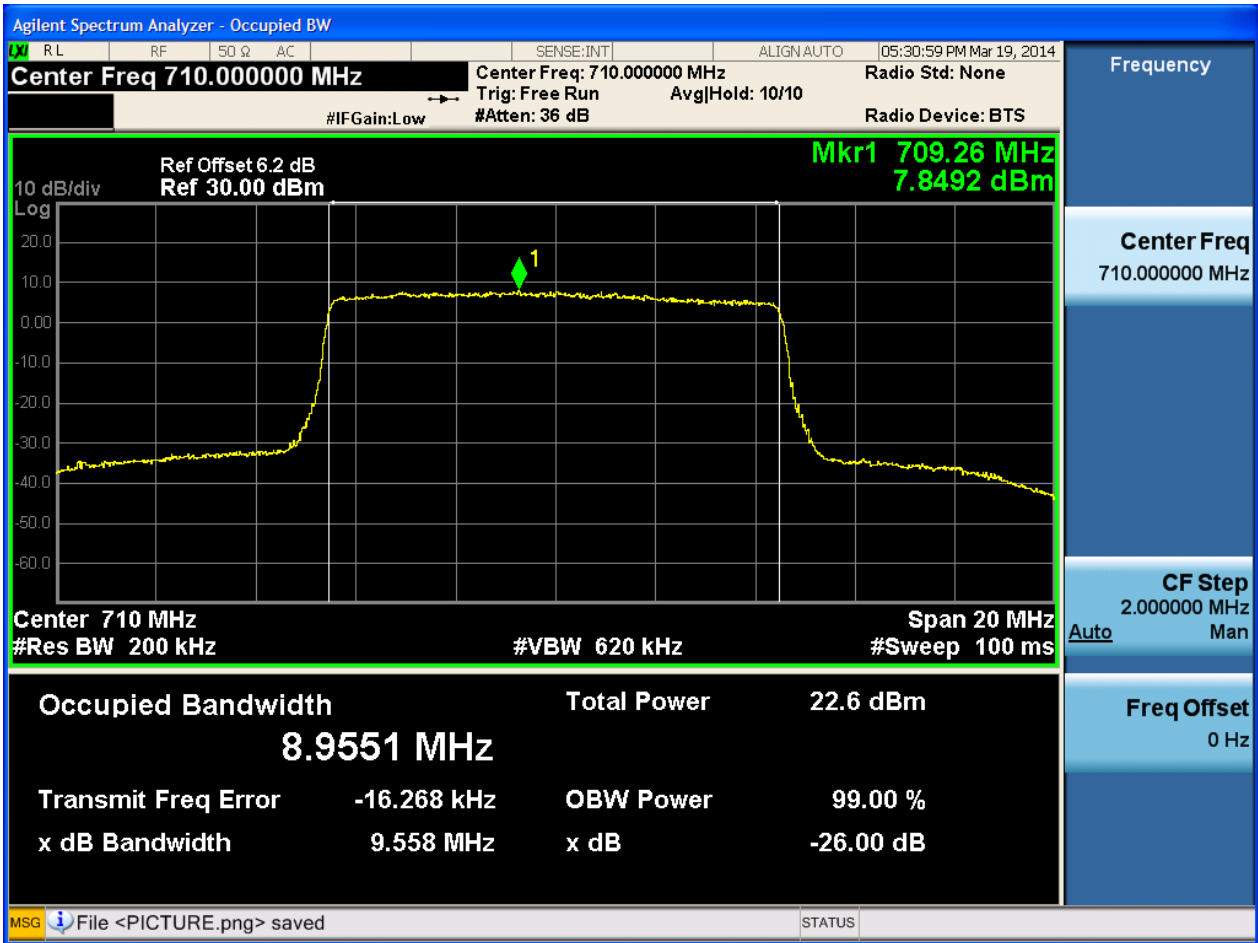
4.1.1.2.2.1.1 Test RB = RB50#0





4.1.1.2.2.2 Test Channel = MCH

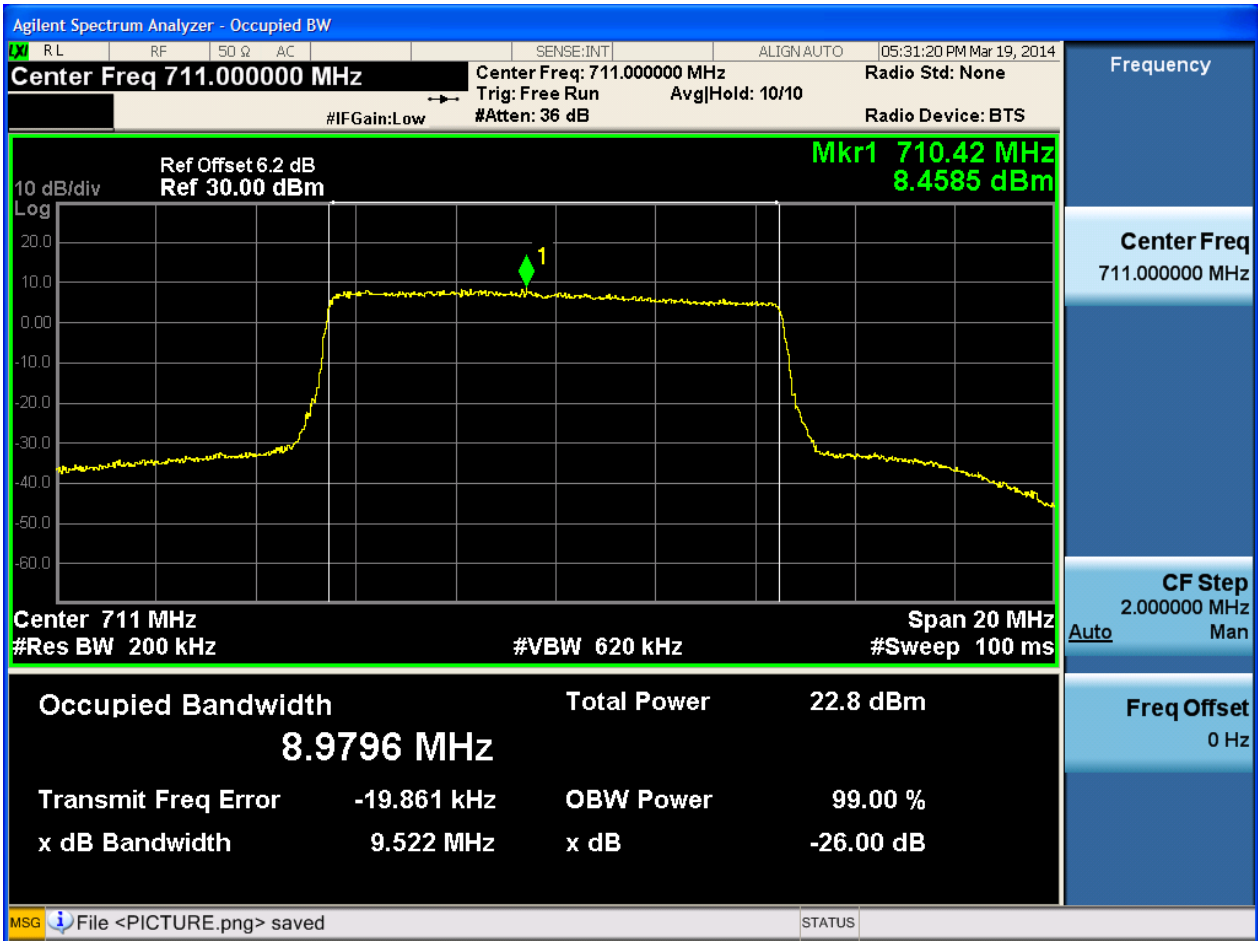
4.1.1.2.2.2.1 Test RB = RB50#0





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

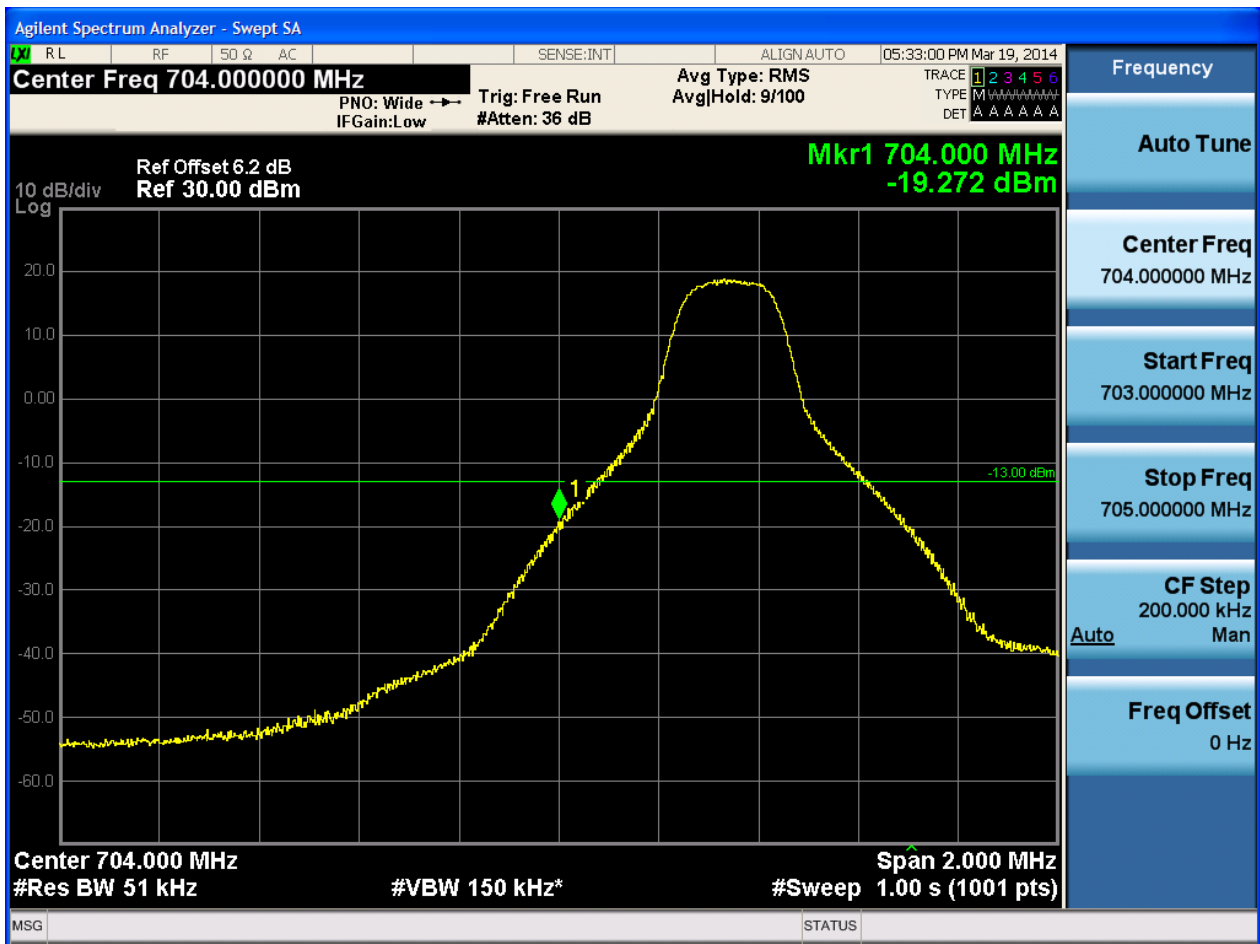
5.1.1 Test Band = BAND17

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

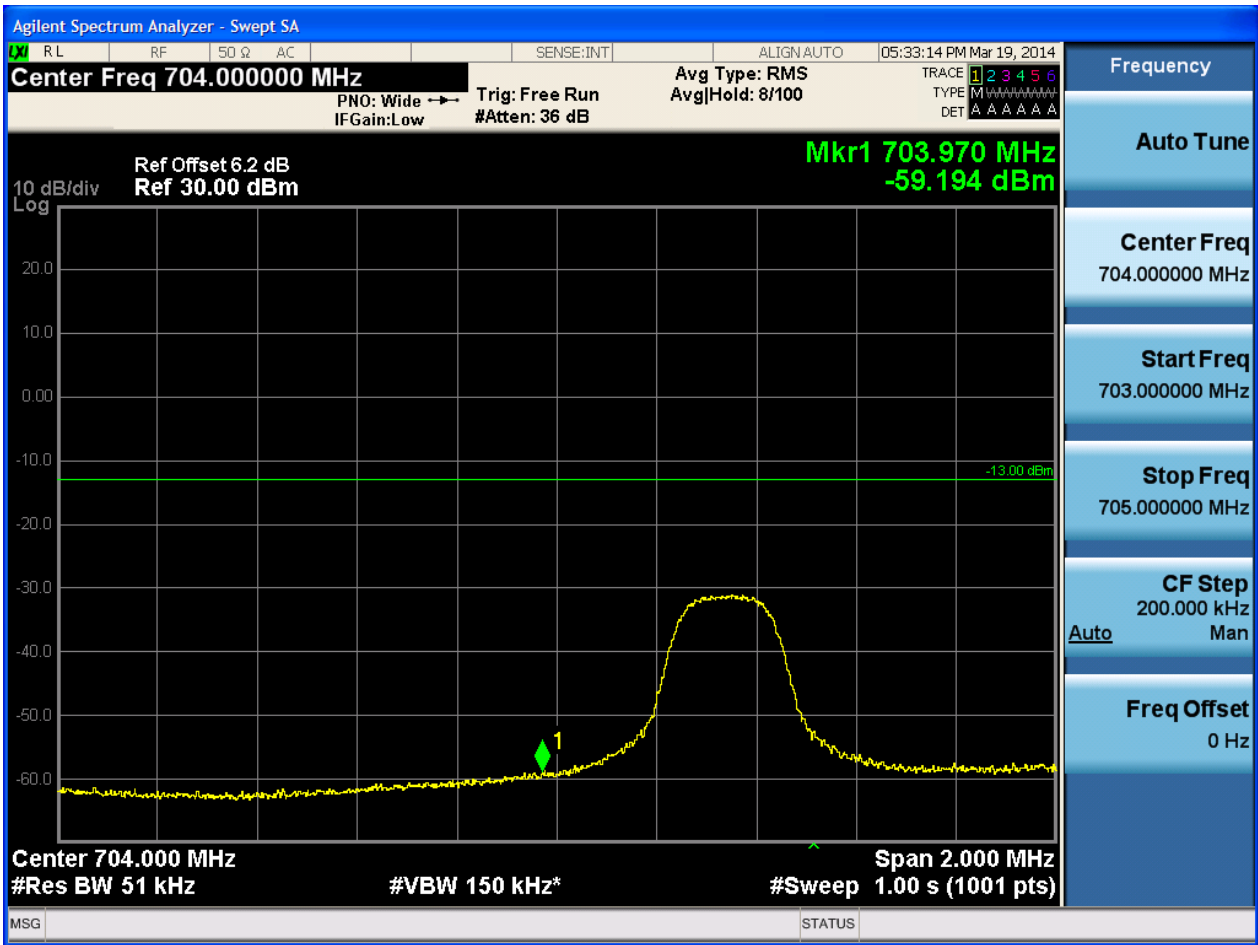
5.1.1.1.1.1 Test Channel = LCH

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





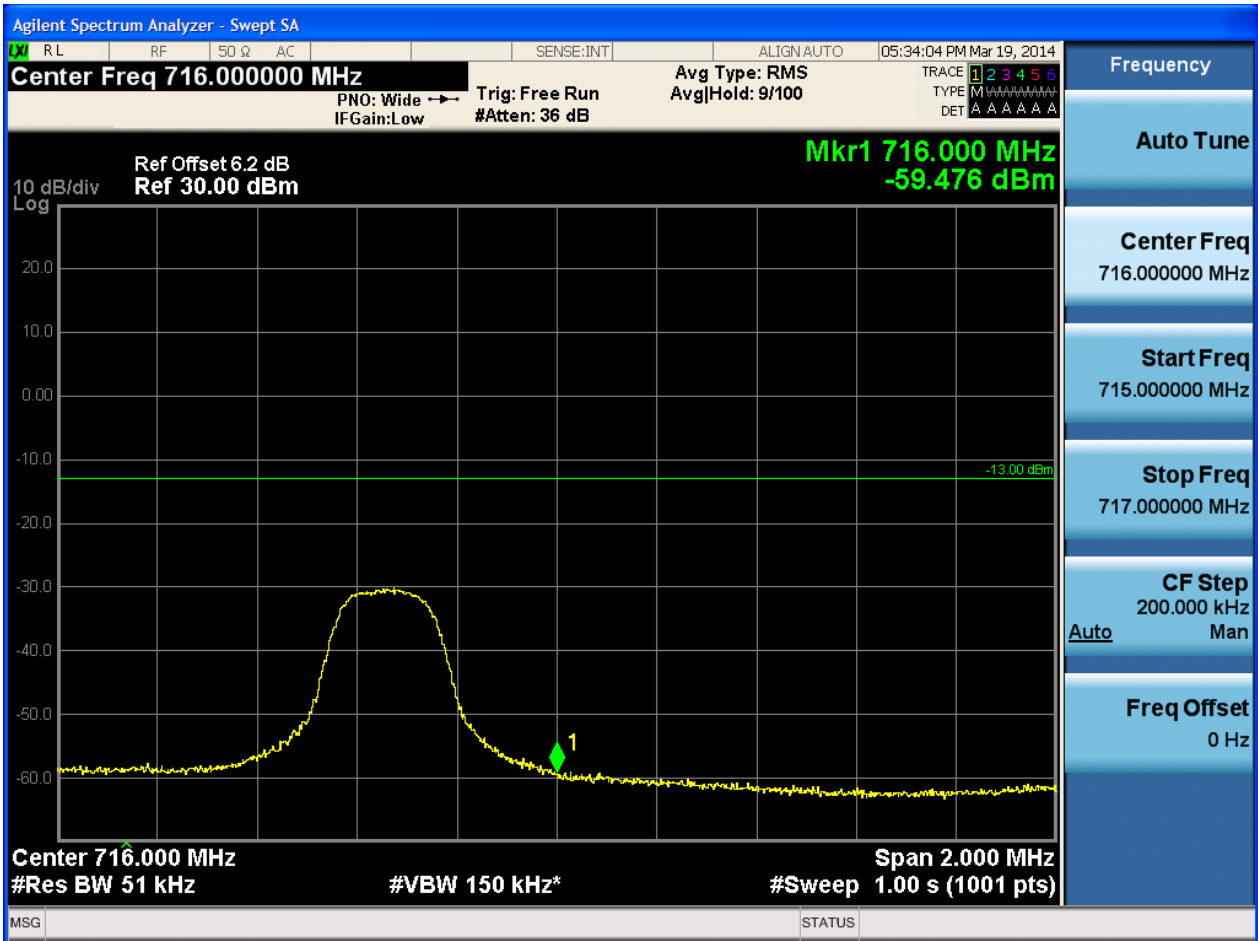
5.1.1.1.1.4 Test RB = RB25#0





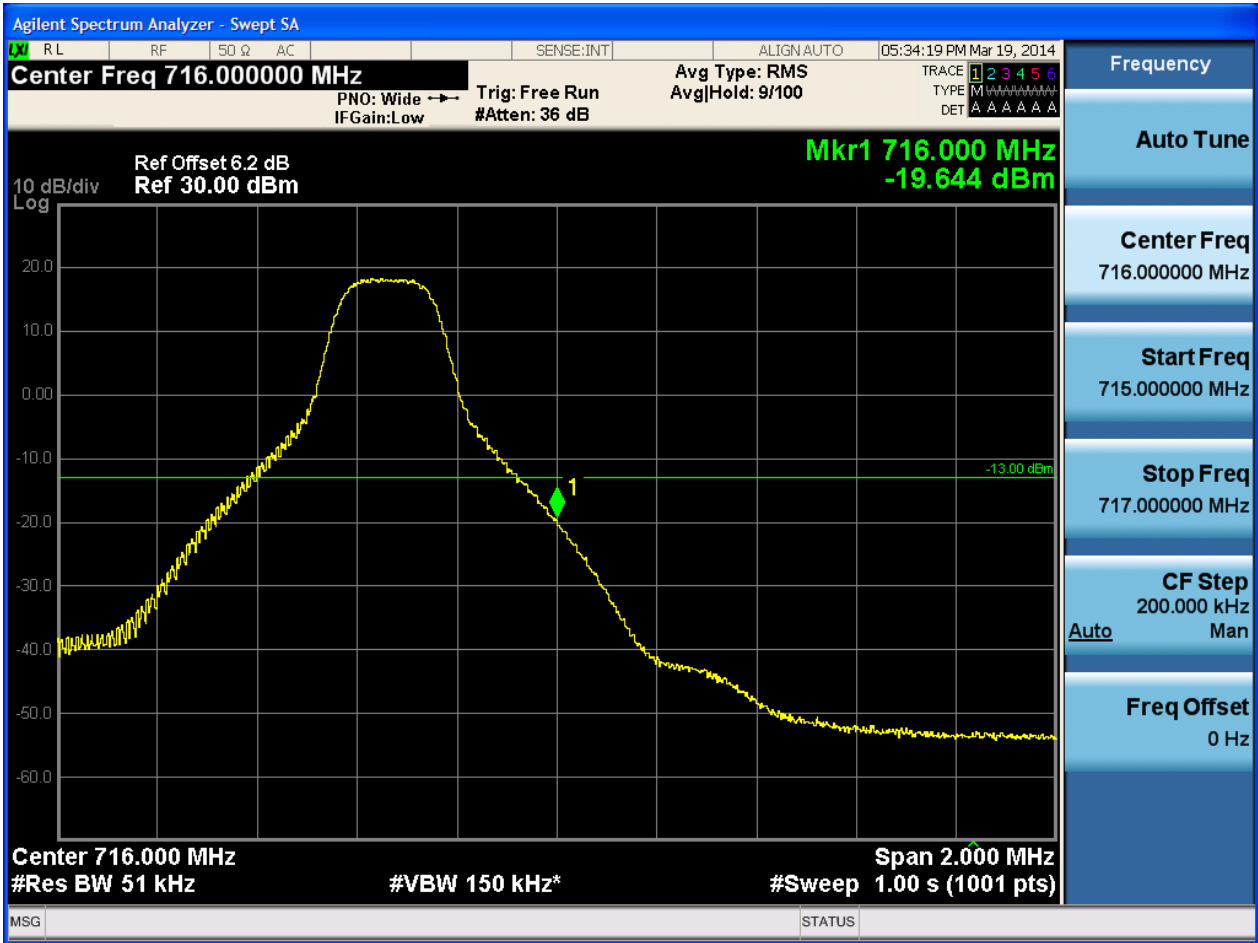
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.1.2.2 Test RB = RB1#24



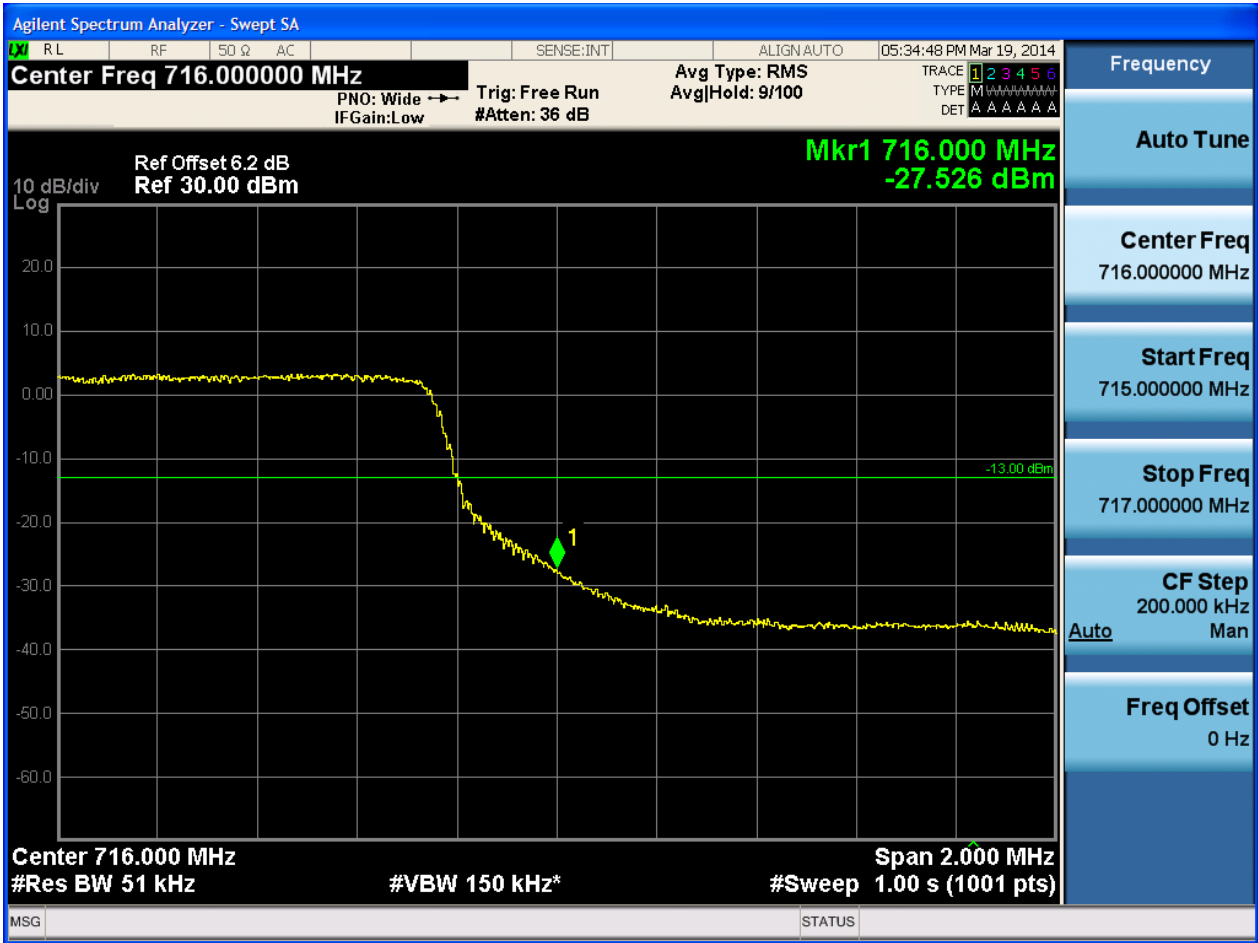


5.1.1.1.2.3 Test RB = RB12#6





5.1.1.1.2.4 Test RB = RB25#0

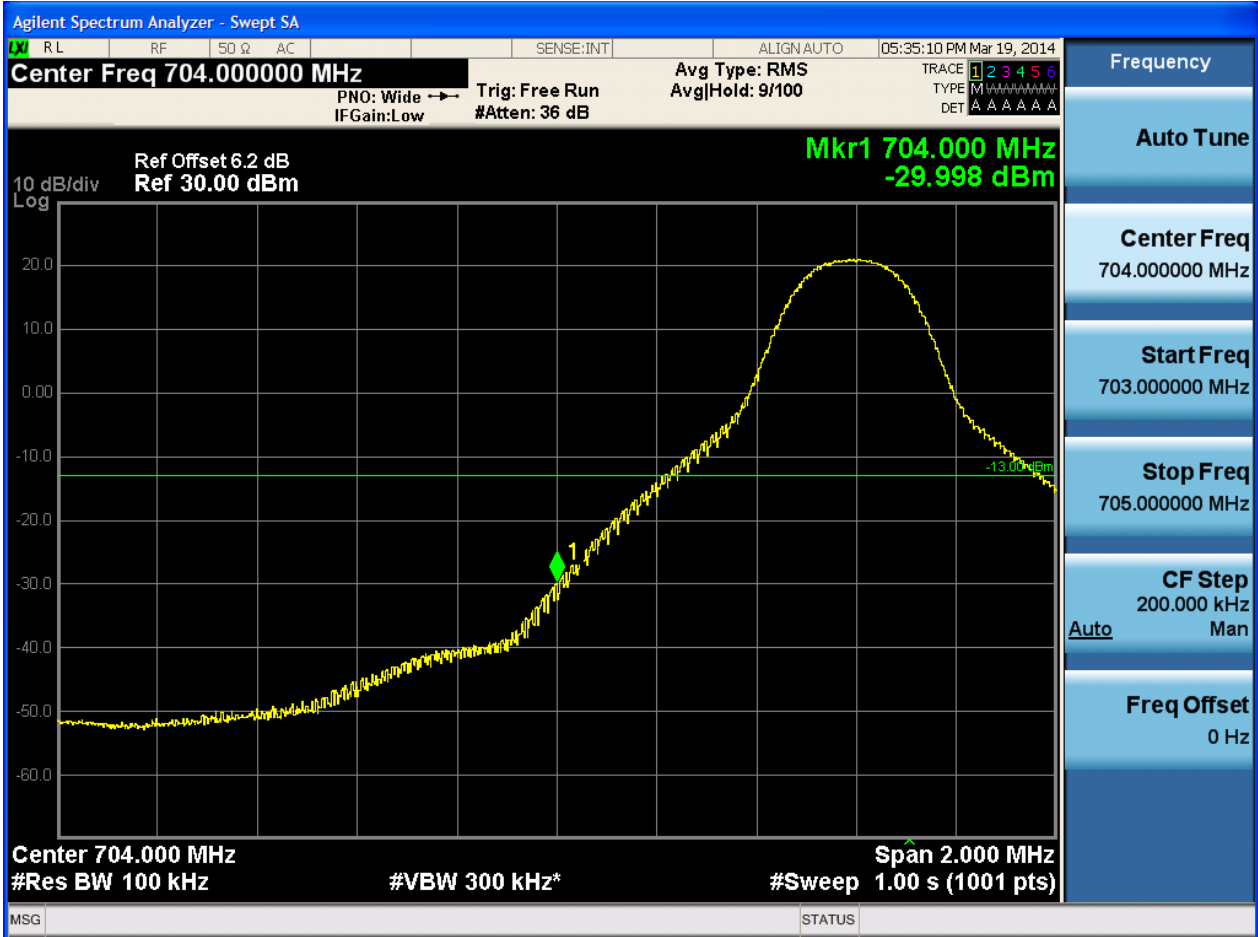




5.1.1.1.2 Test Bandwidth = 10

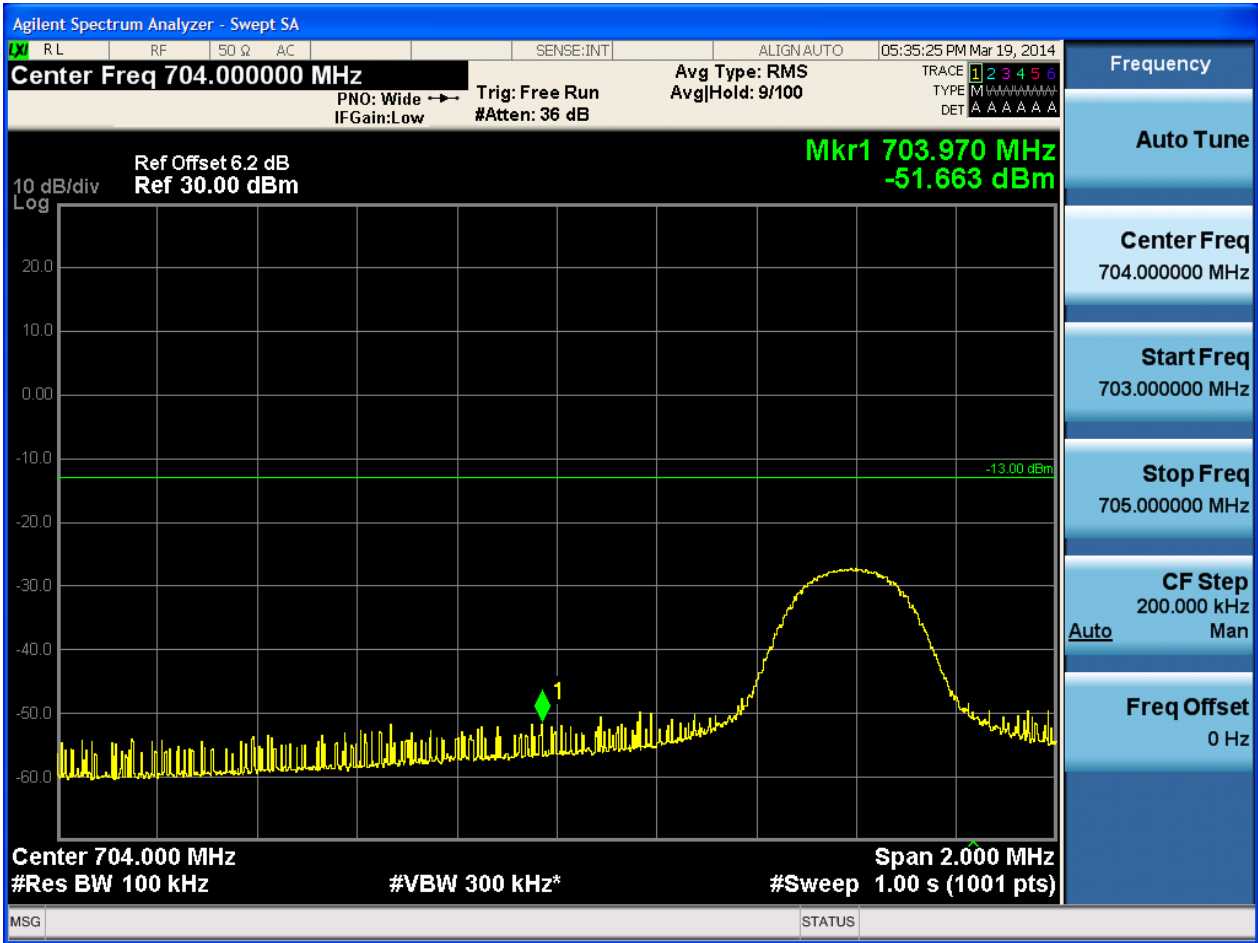
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



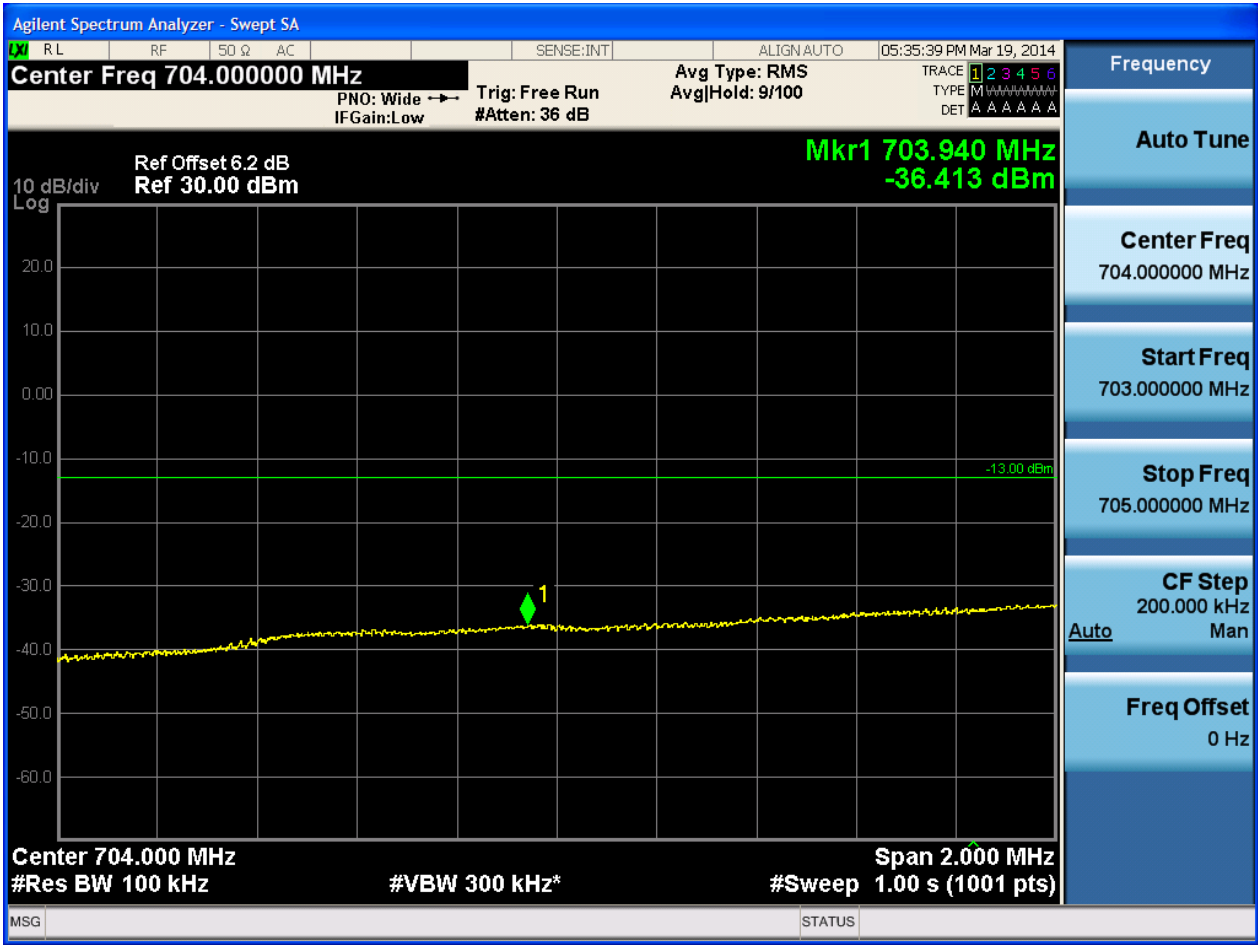


5.1.1.1.2.1.2 Test RB = RB1#49





5.1.1.1.2.1.3 Test RB = RB25#13





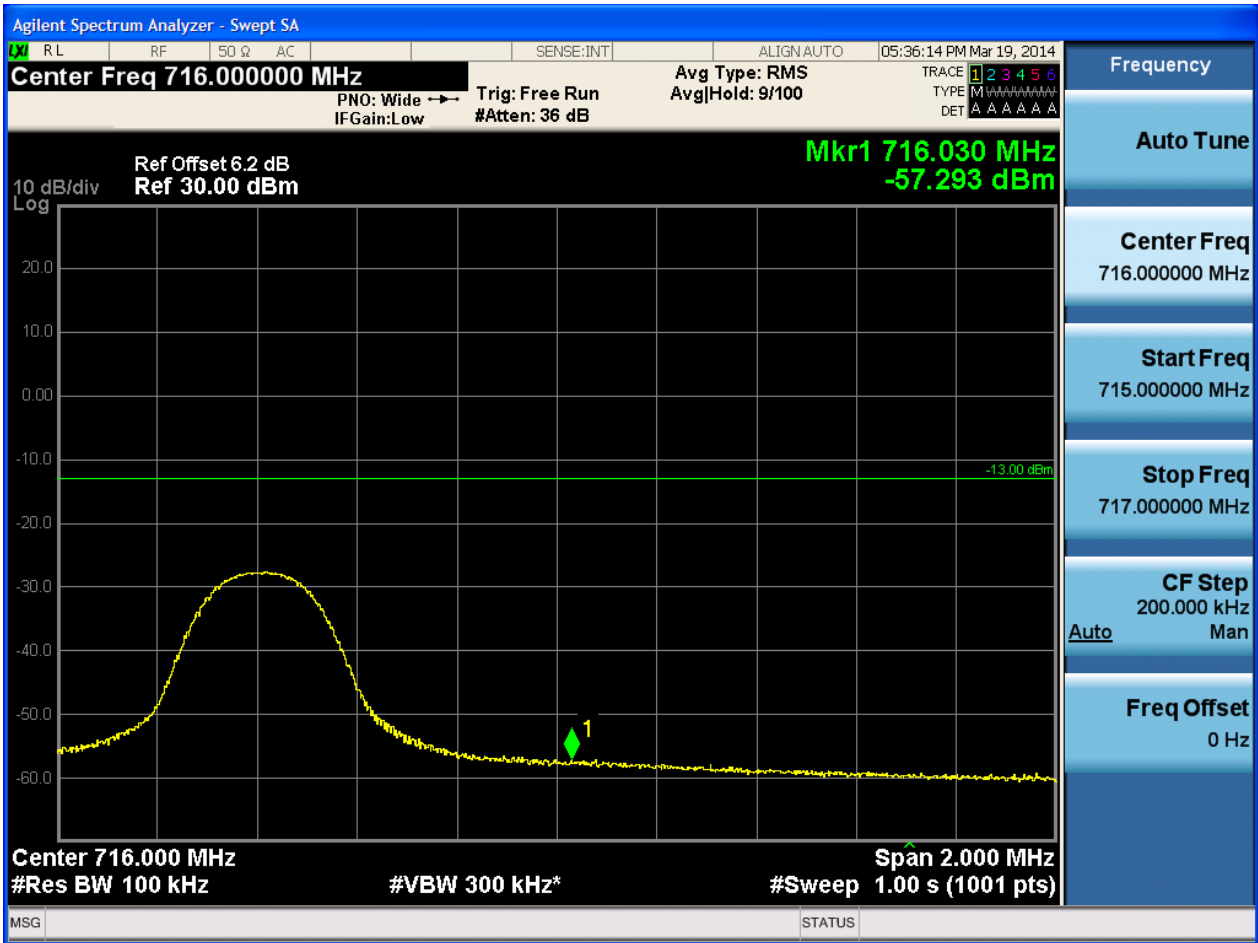
5.1.1.1.2.1.4 Test RB = RB50#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



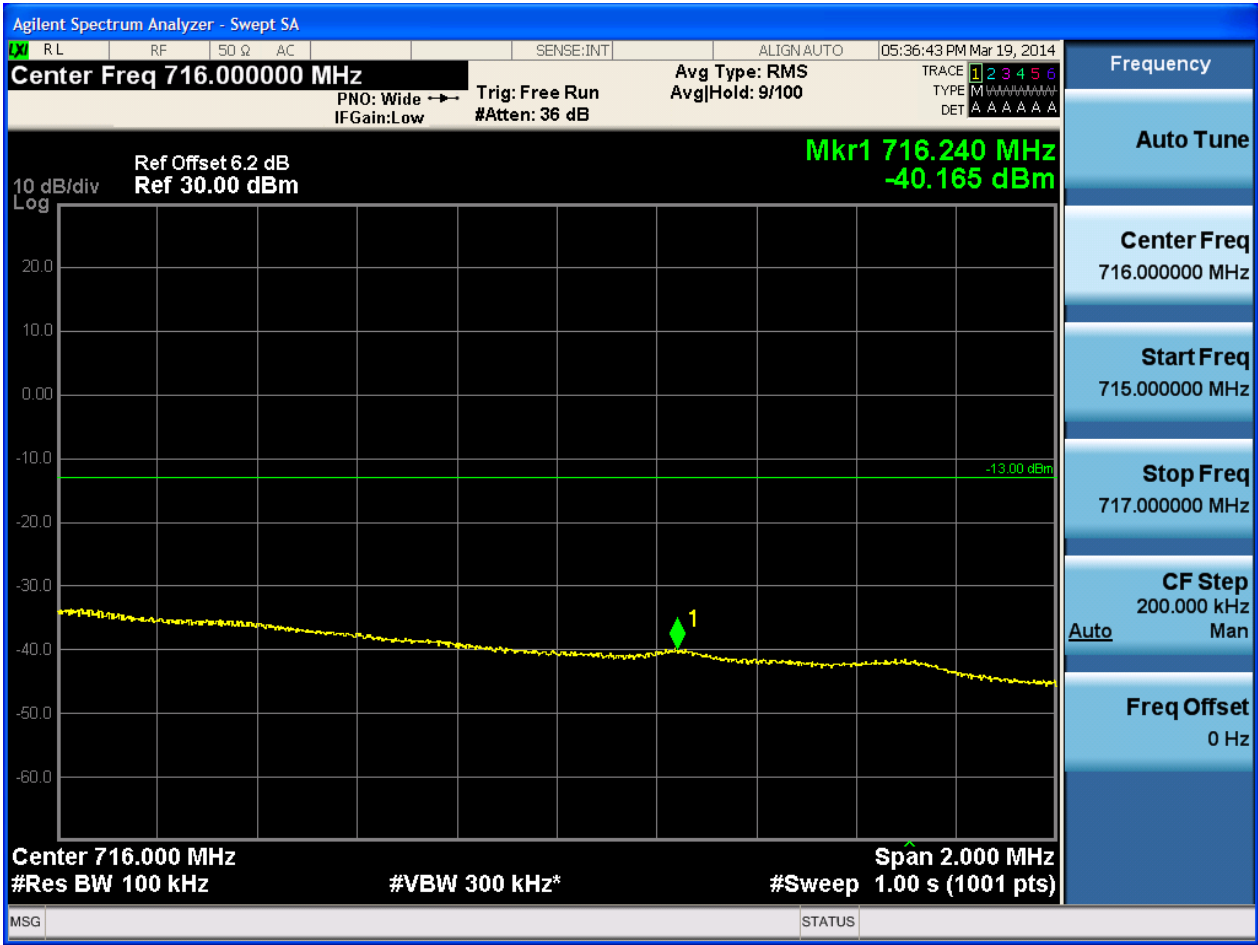


5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0



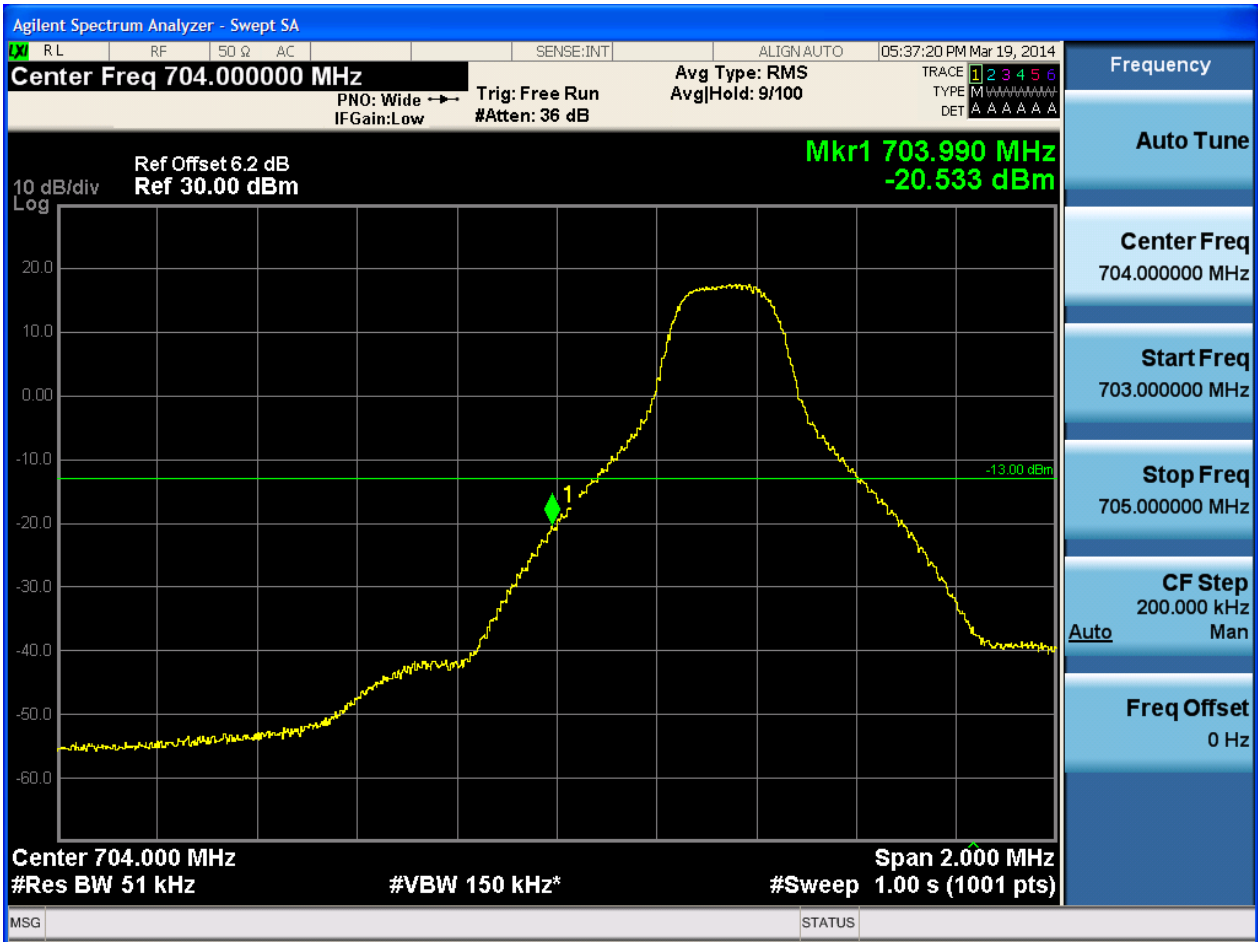


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

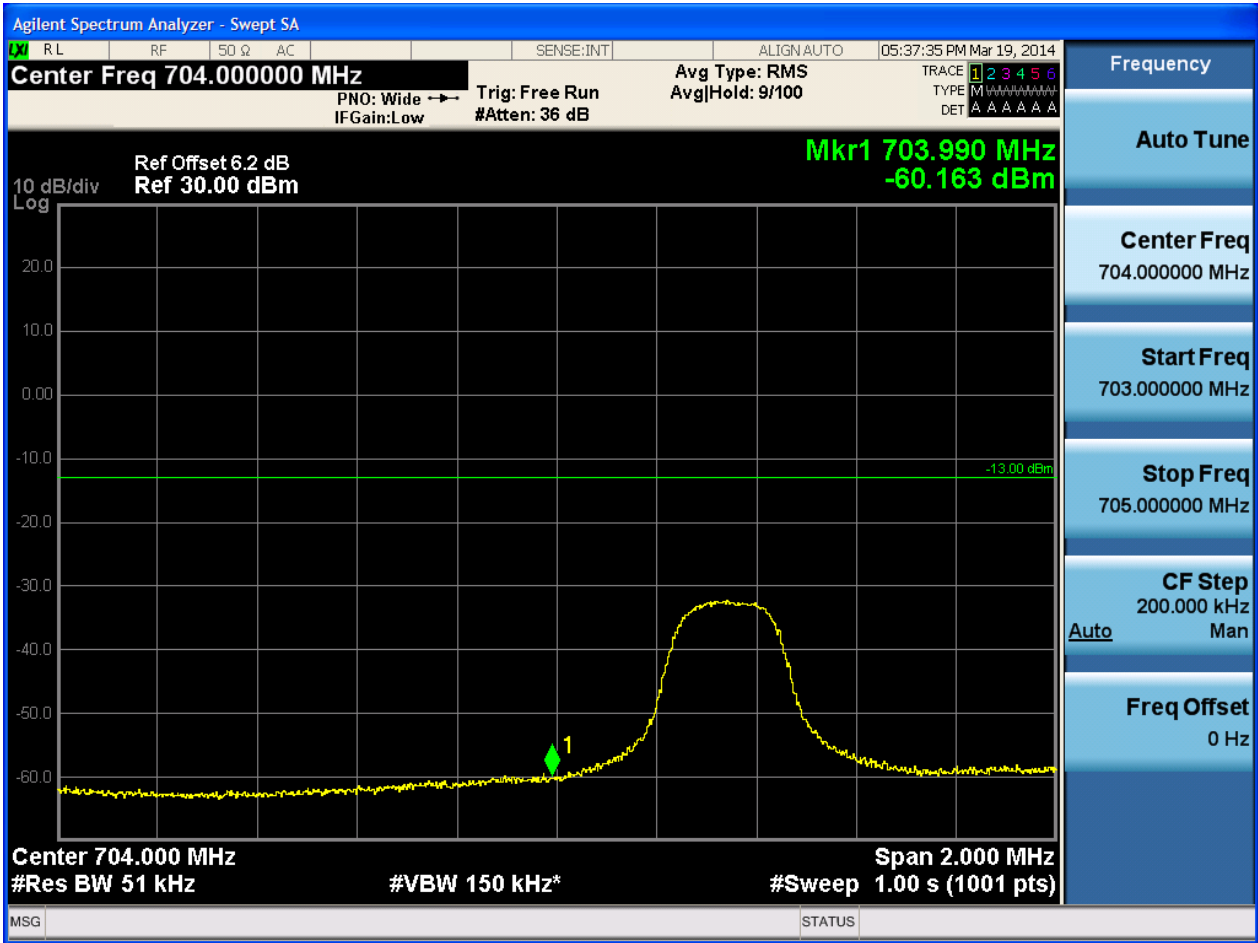
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



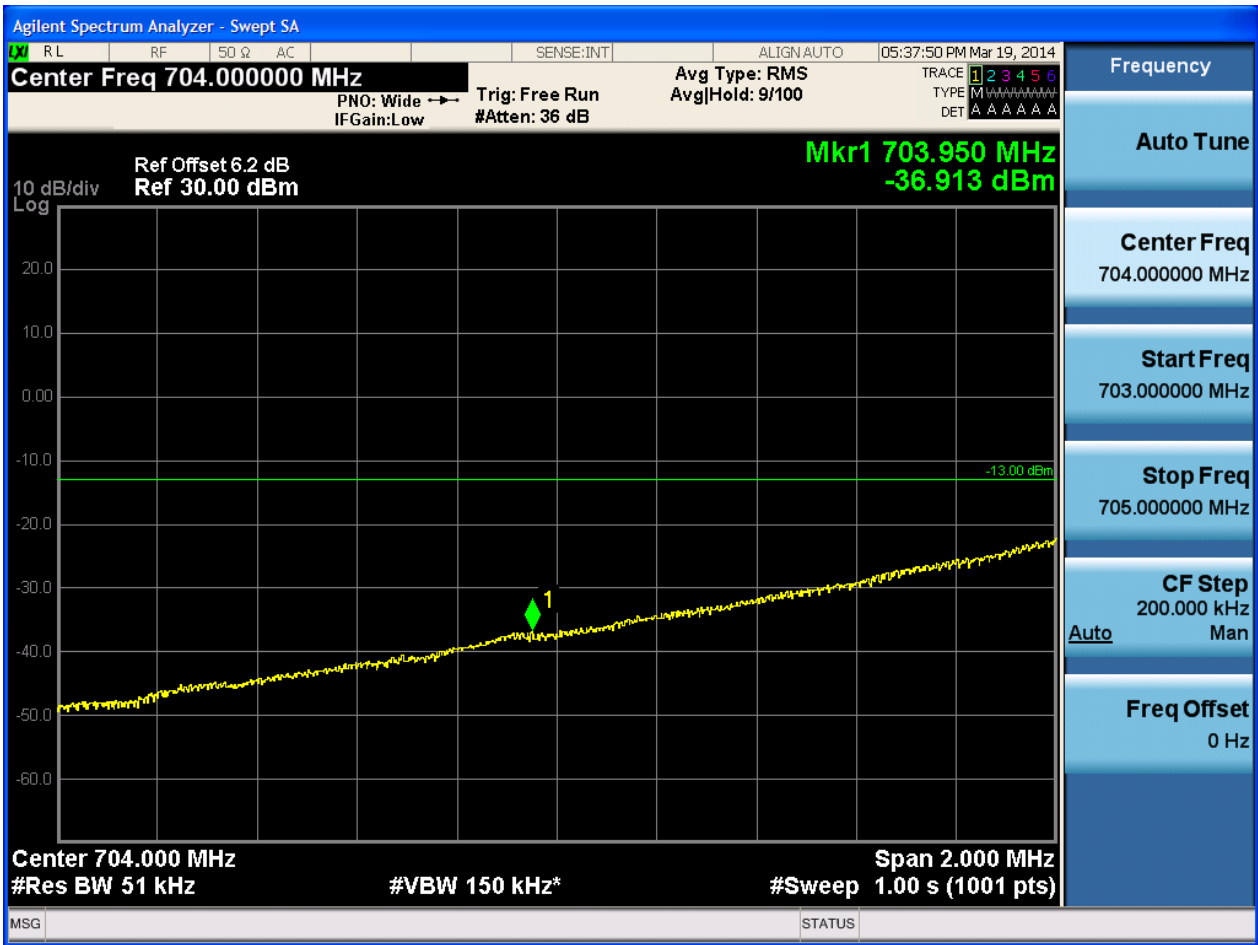


5.1.1.2.1.1.2 Test RB = RB1#24





5.1.1.2.1.1.3 Test RB = RB12#6





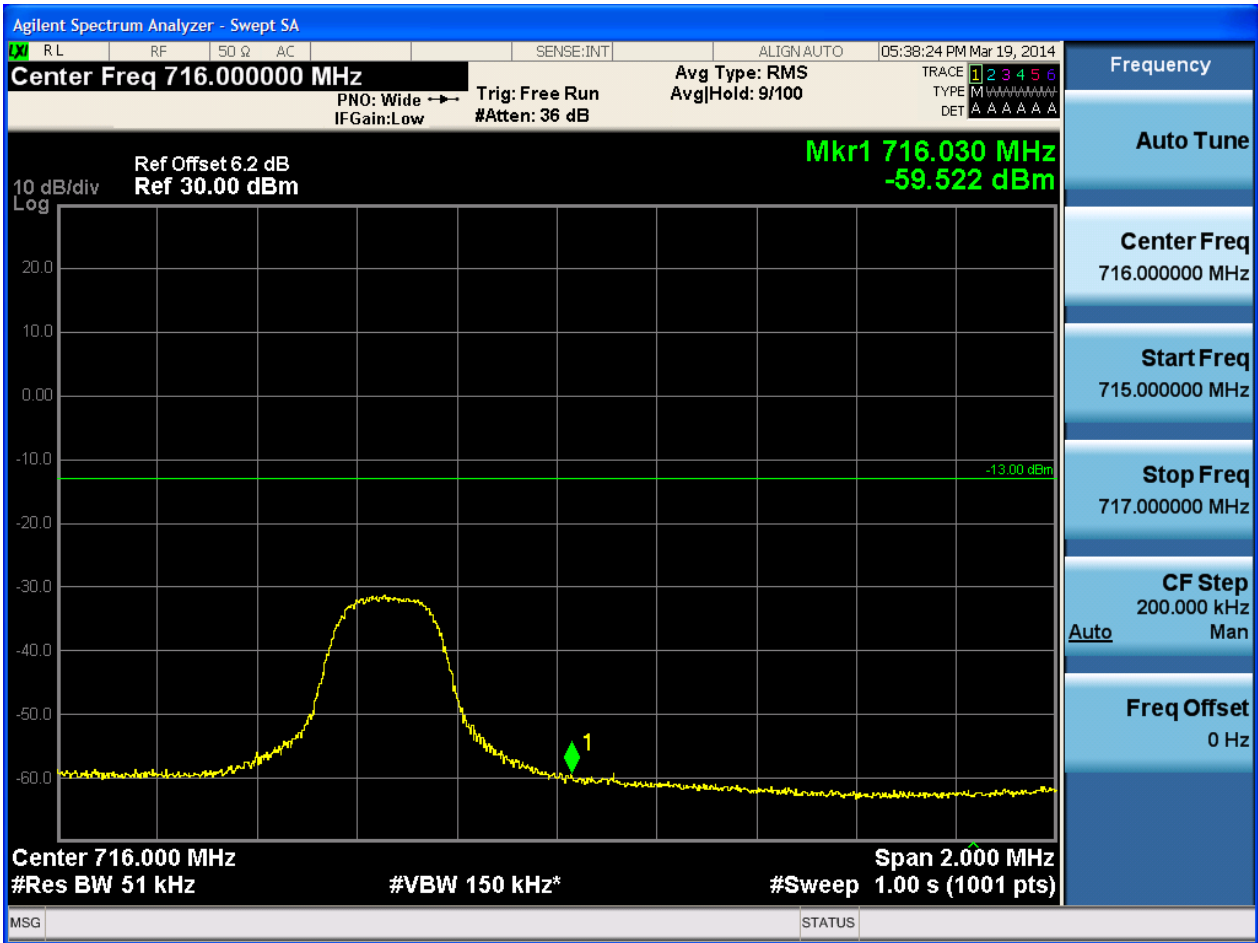
5.1.1.2.1.1.4 Test RB = RB25#0





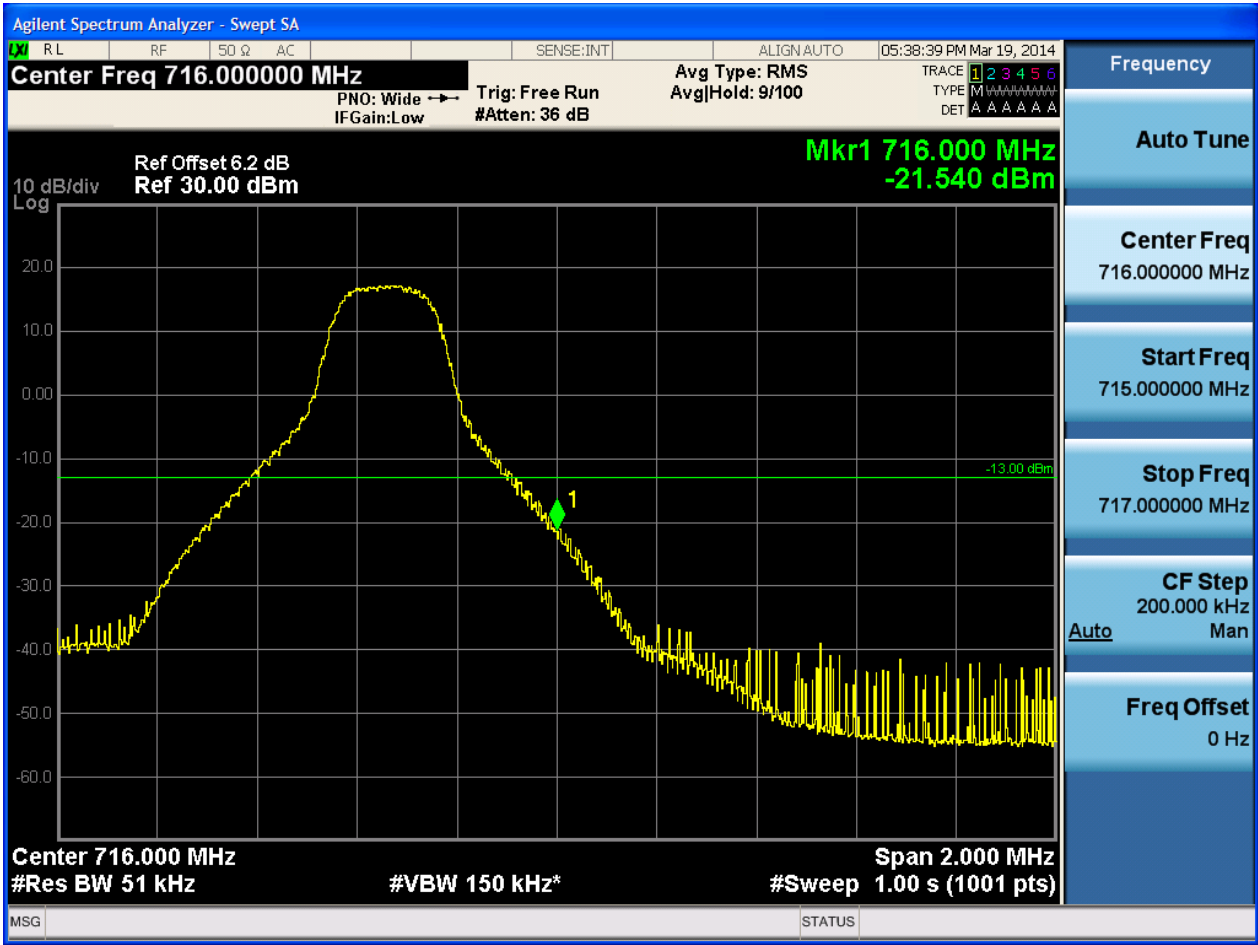
5.1.1.2.1.2 Test Channel = HCH

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

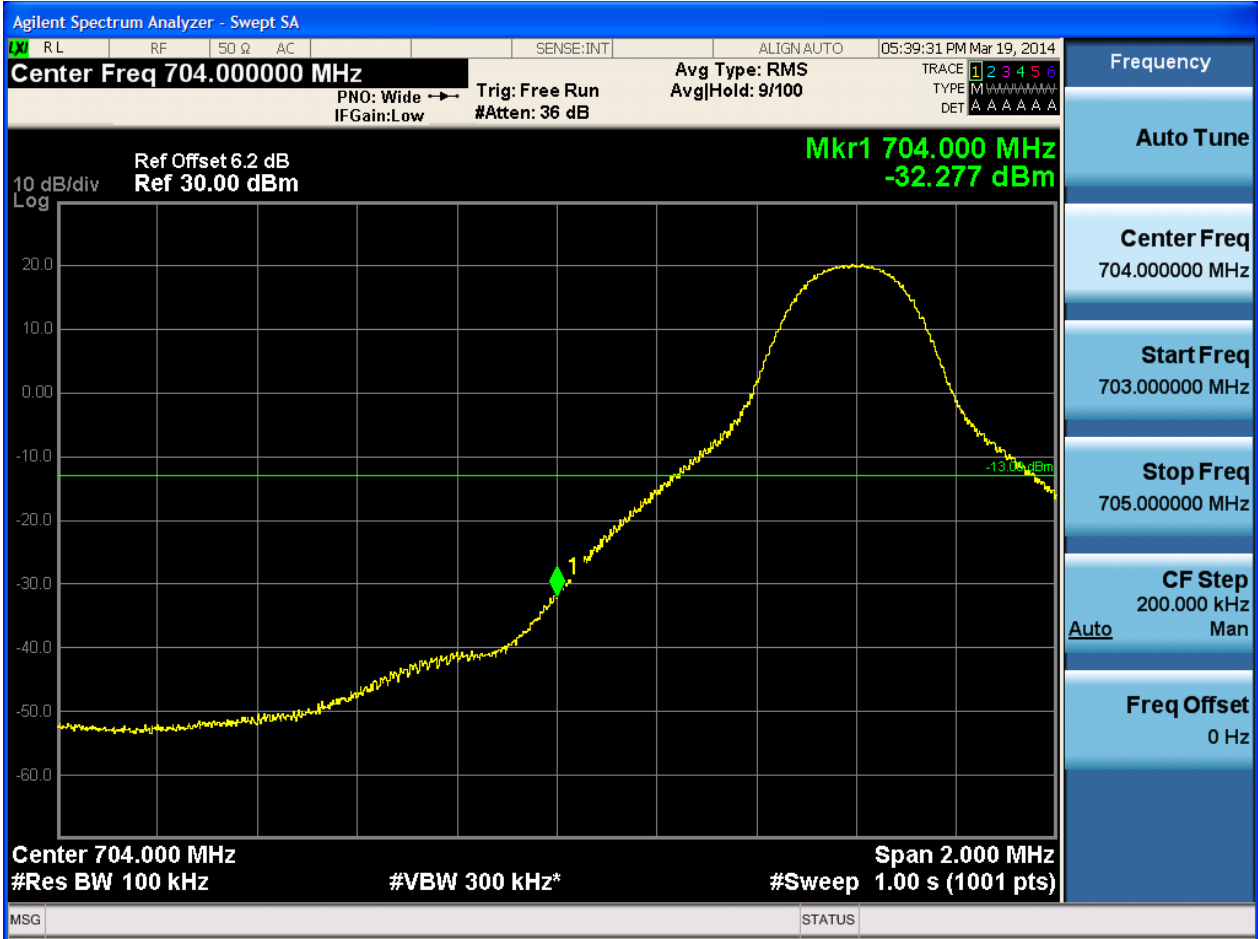




5.1.1.2.2 Test Bandwidth = 10

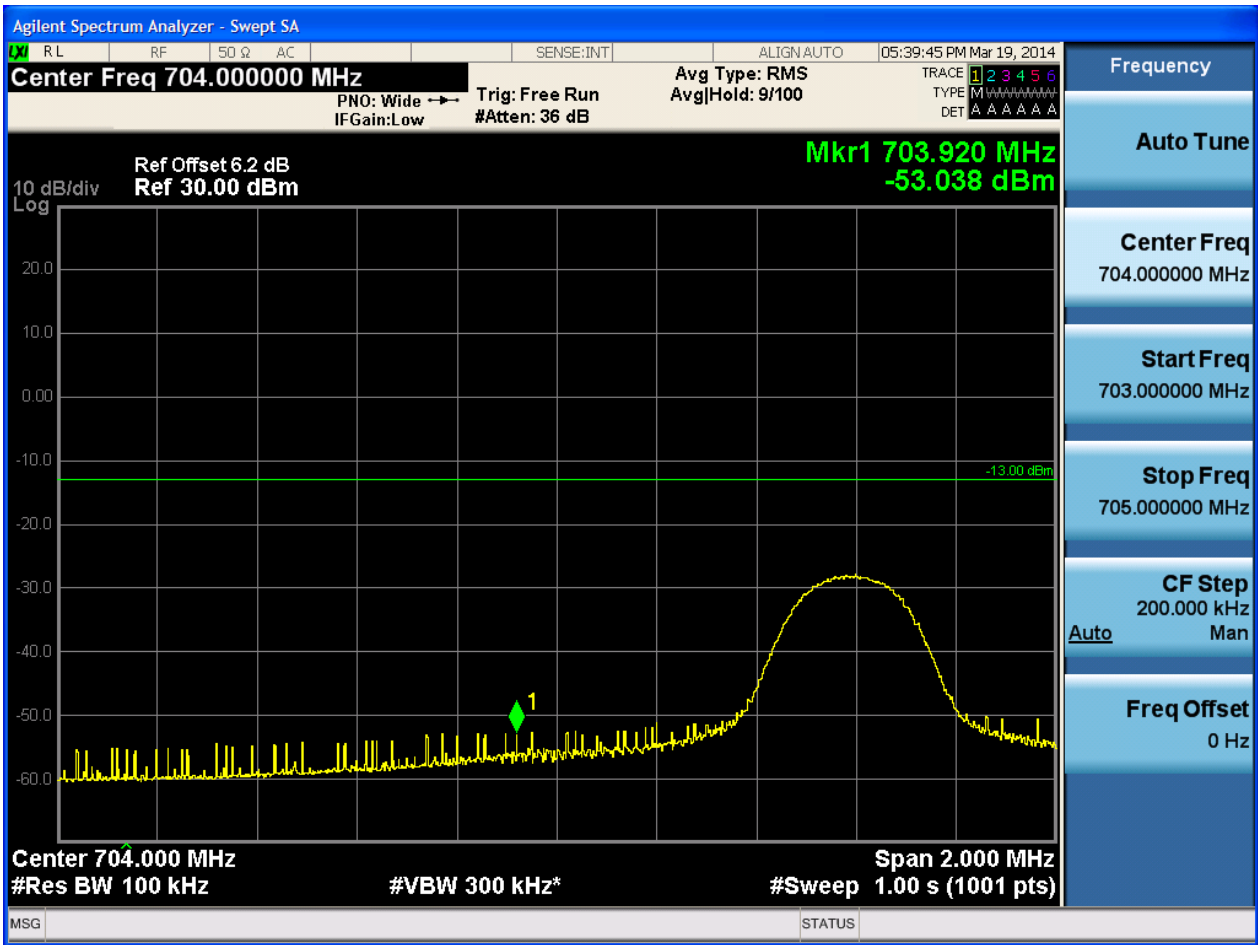
5.1.1.2.2.1 Test Channel = LCH

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





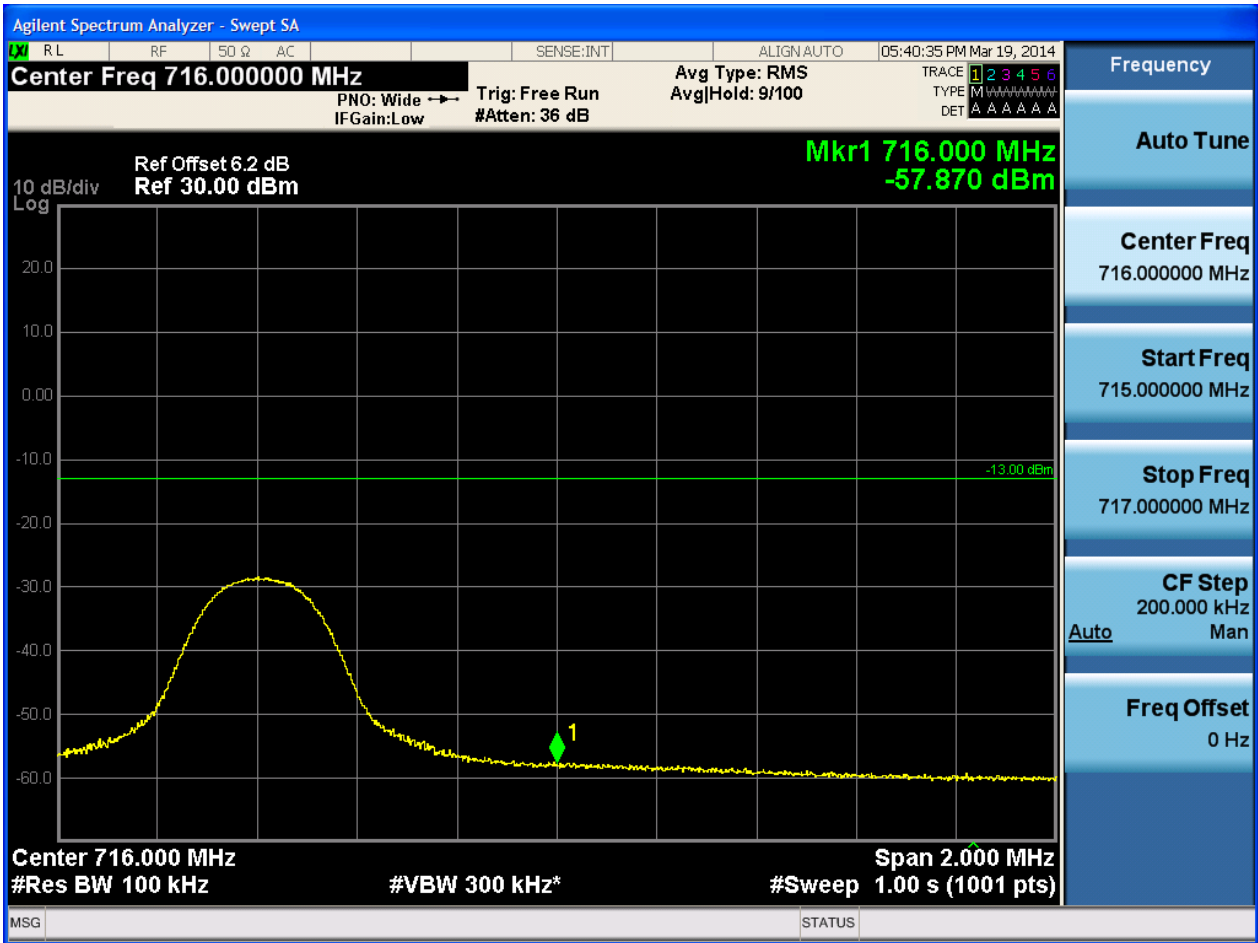
5.1.1.2.2.1.4 Test RB = RB50#0





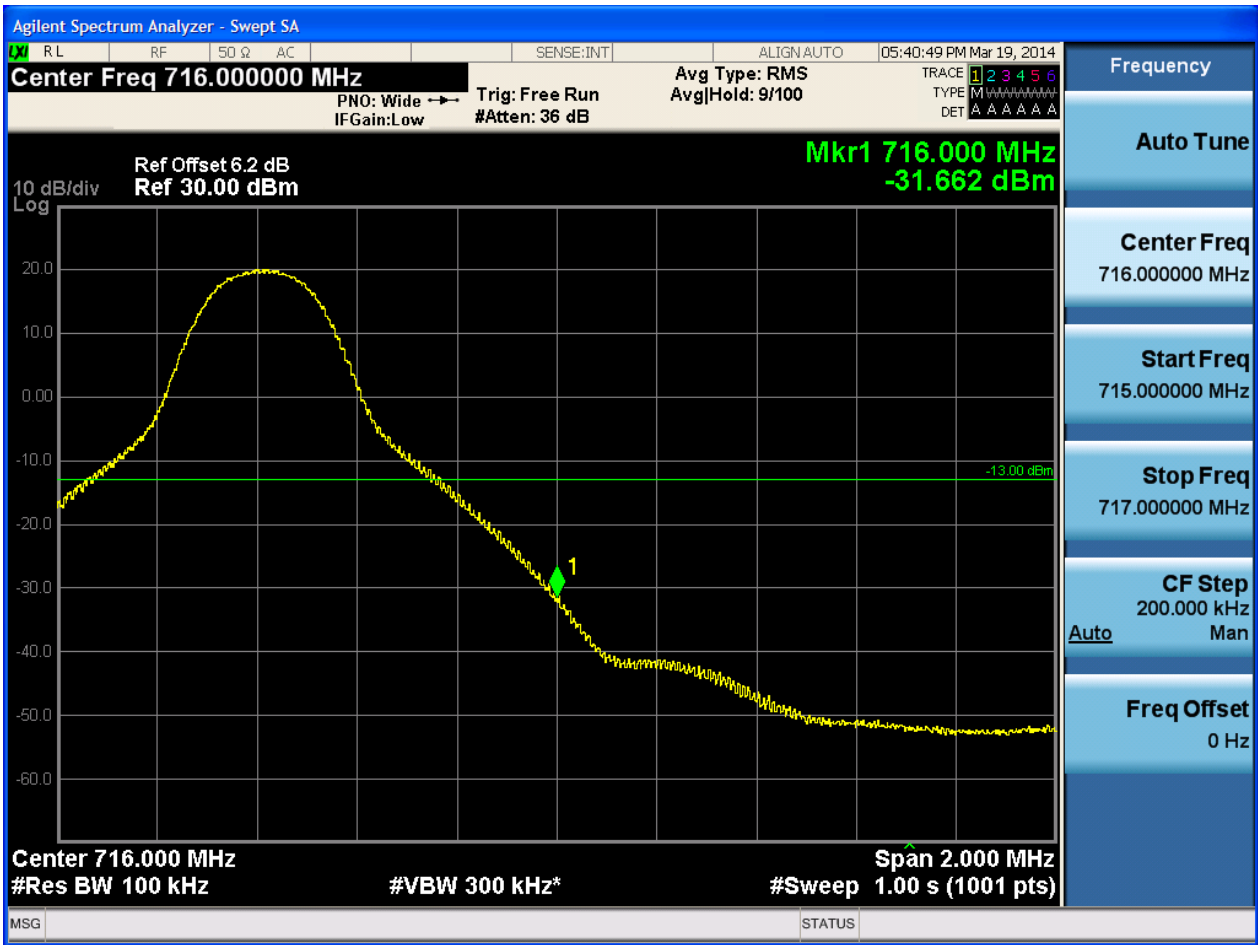
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#49



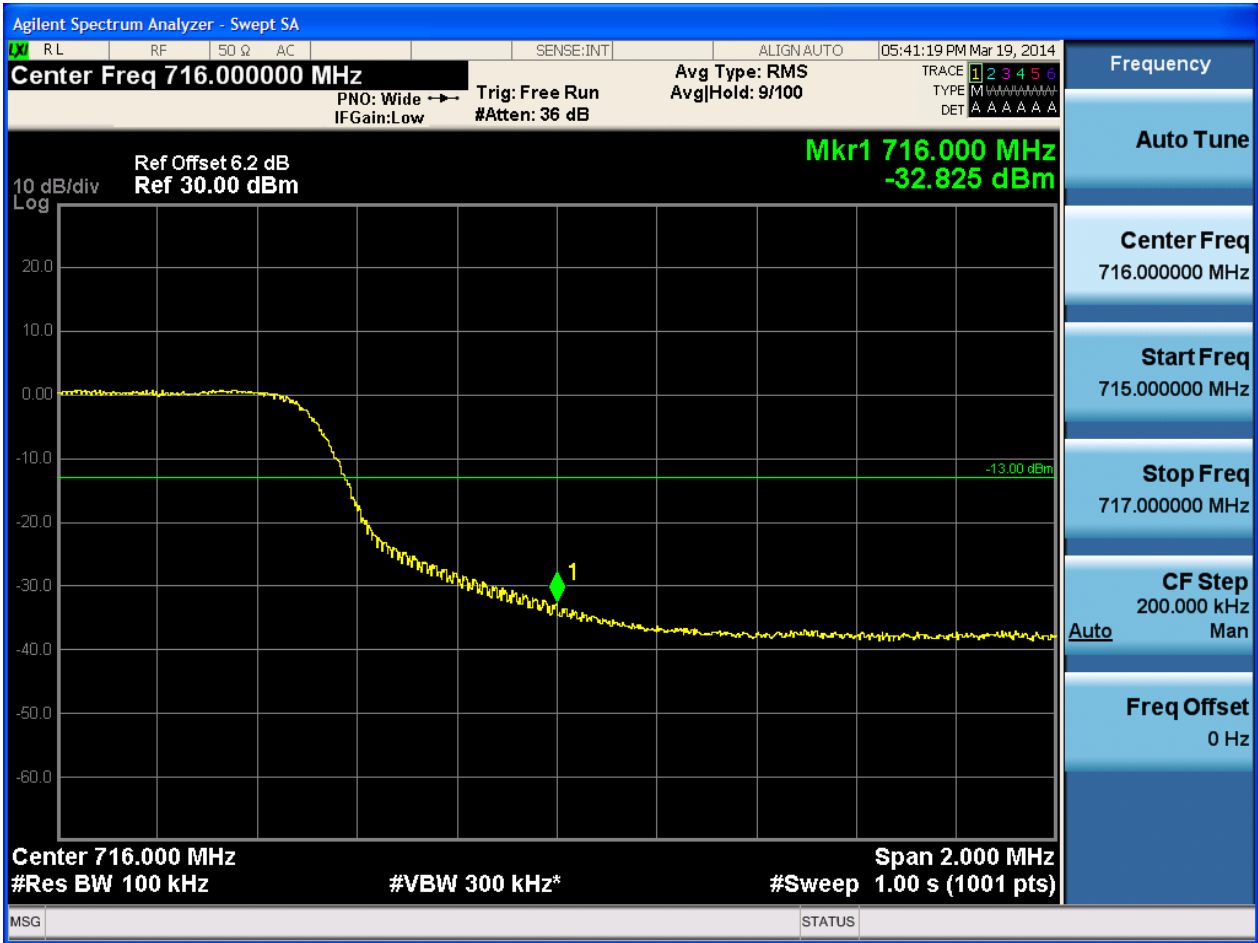


5.1.1.2.2.2.3 Test RB = RB25#13





5.1.1.2.2.4 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

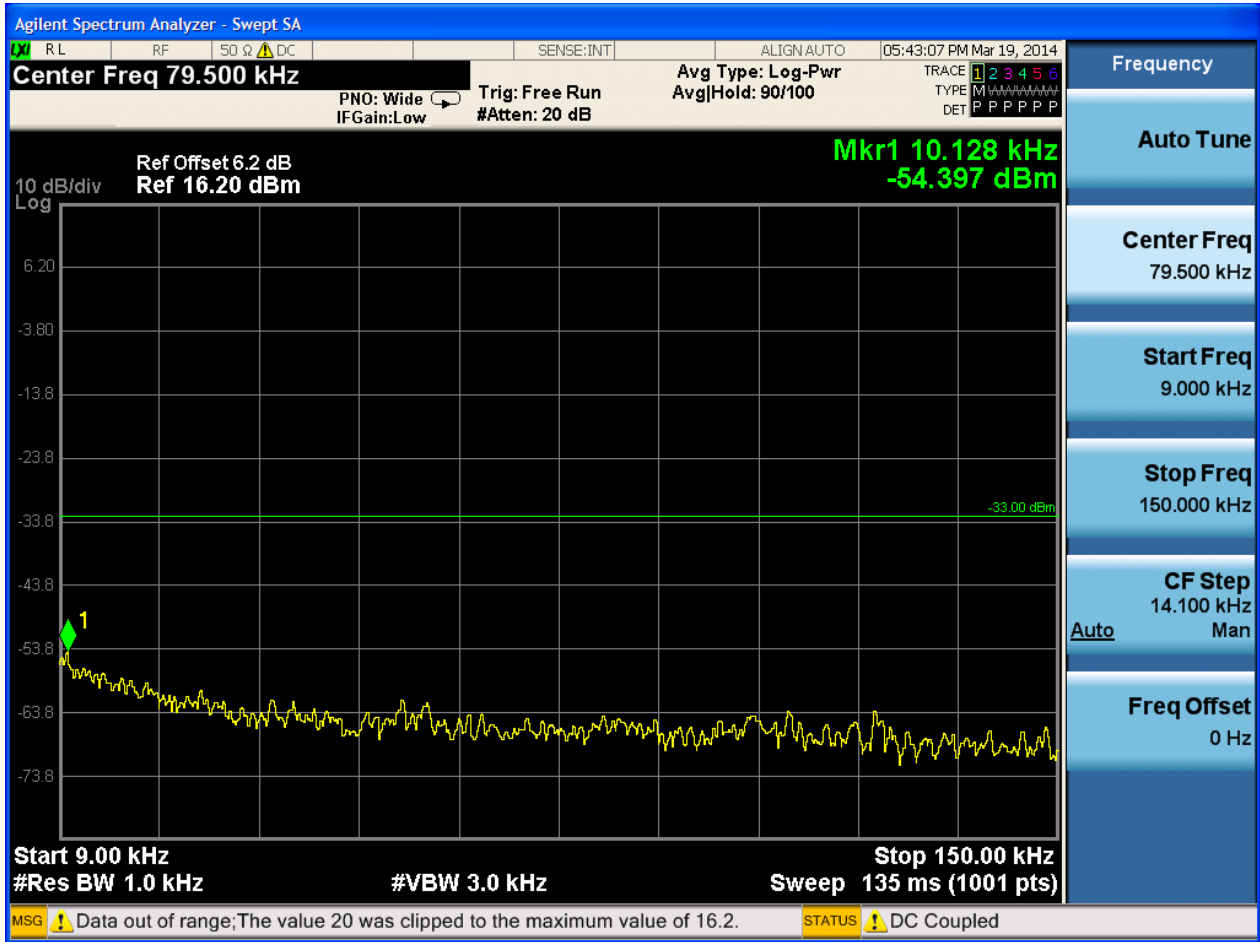
6.1.1 Test Band = BAND17

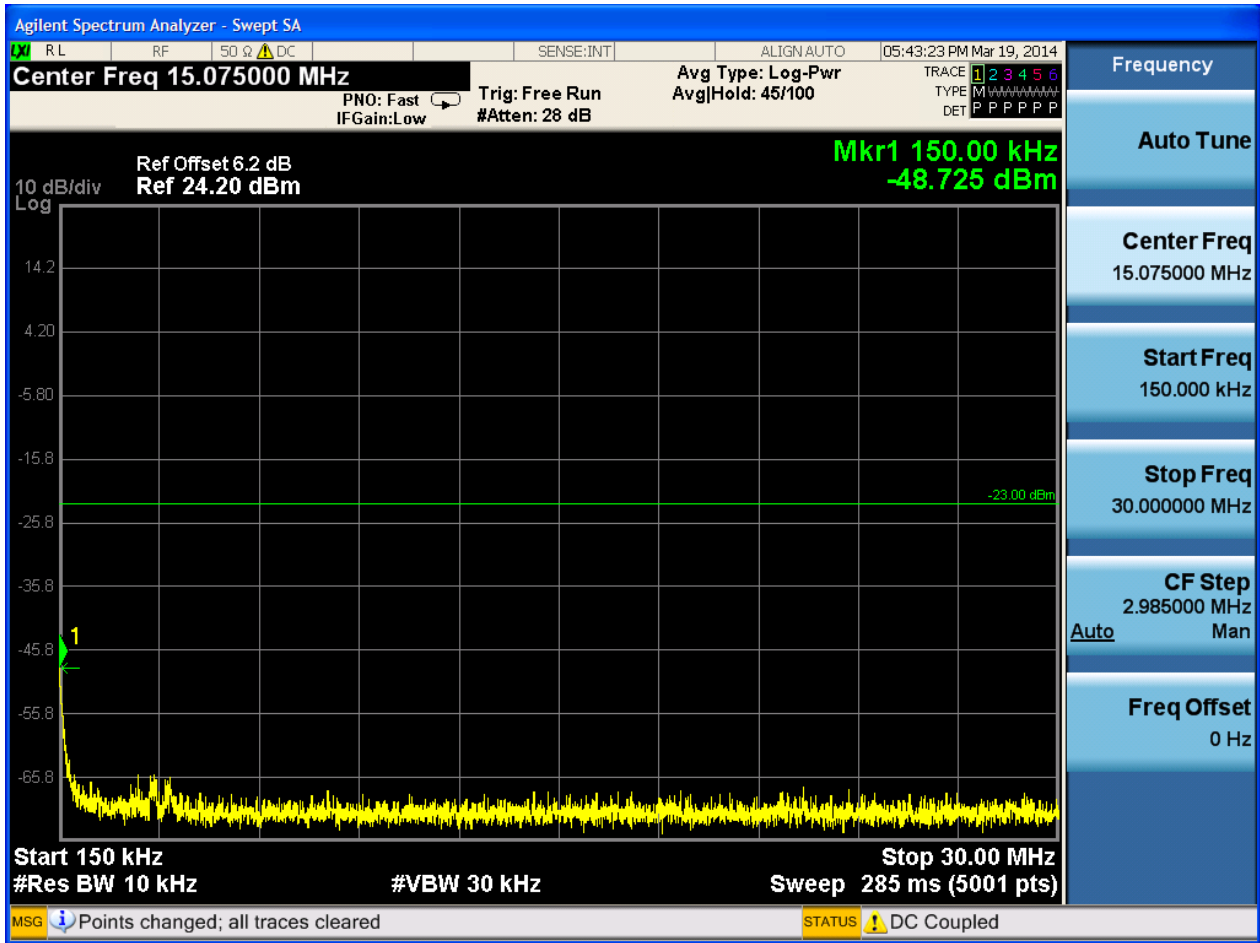
6.1.1.1 Test Mode = LTE/TM1

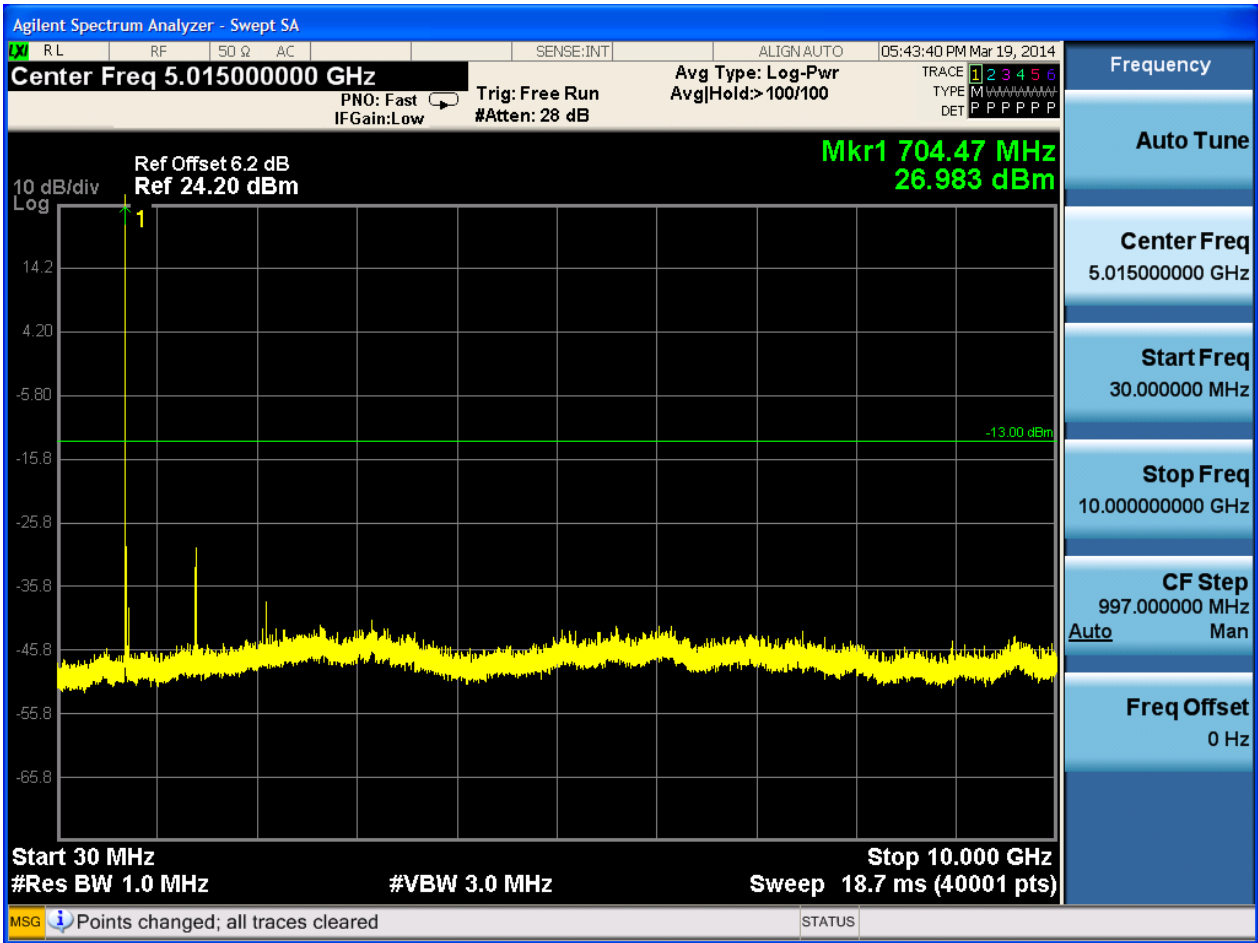
6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

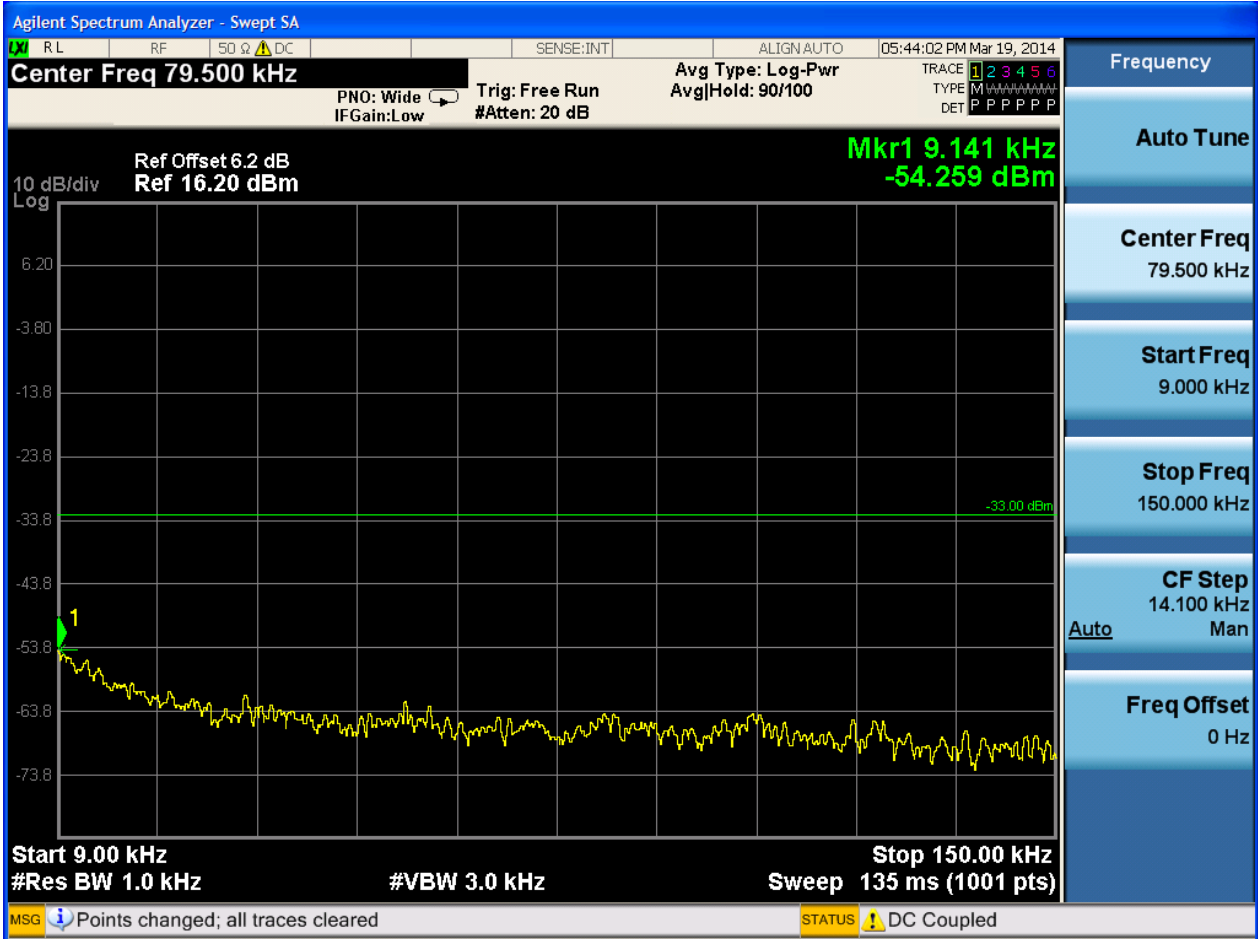


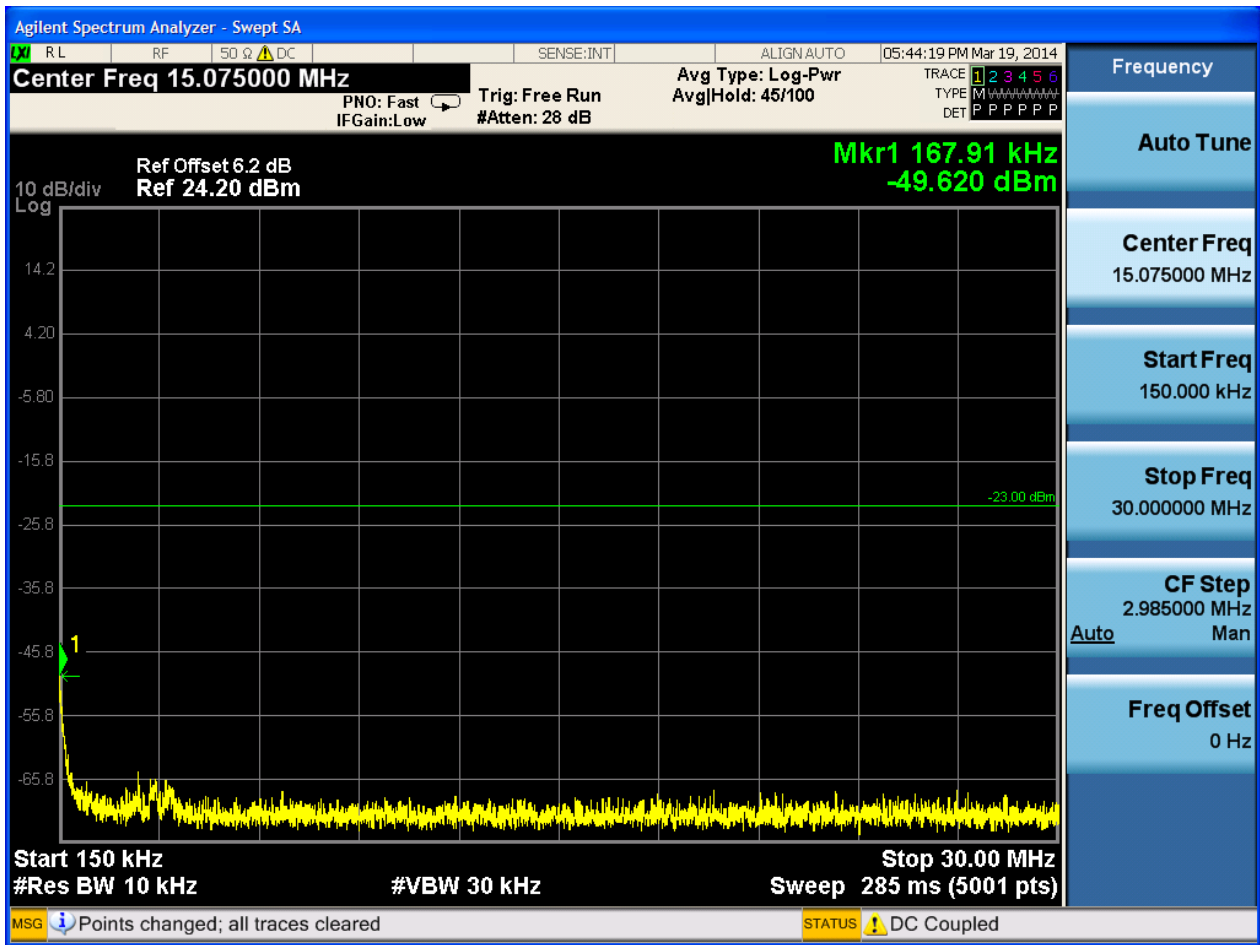


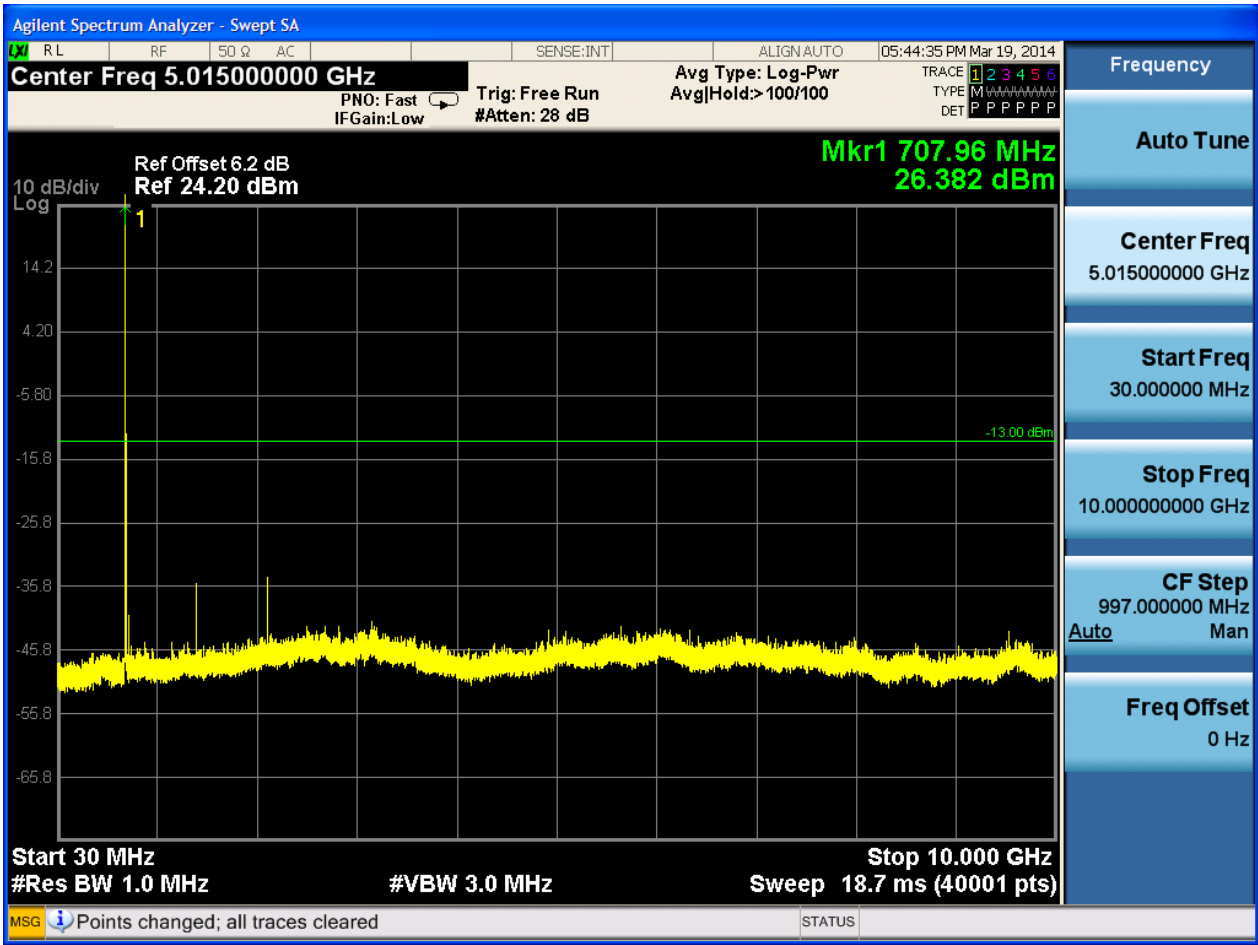


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

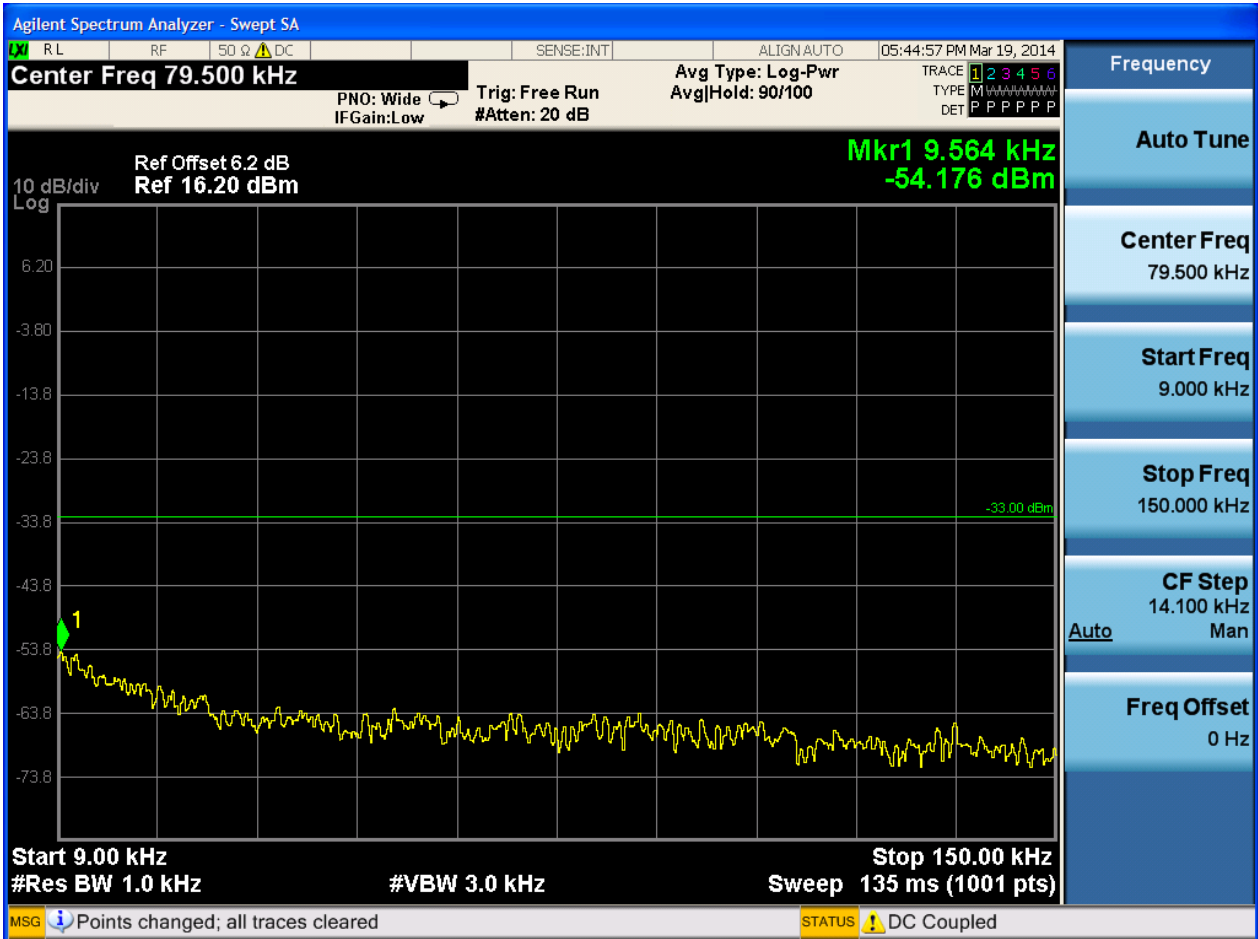


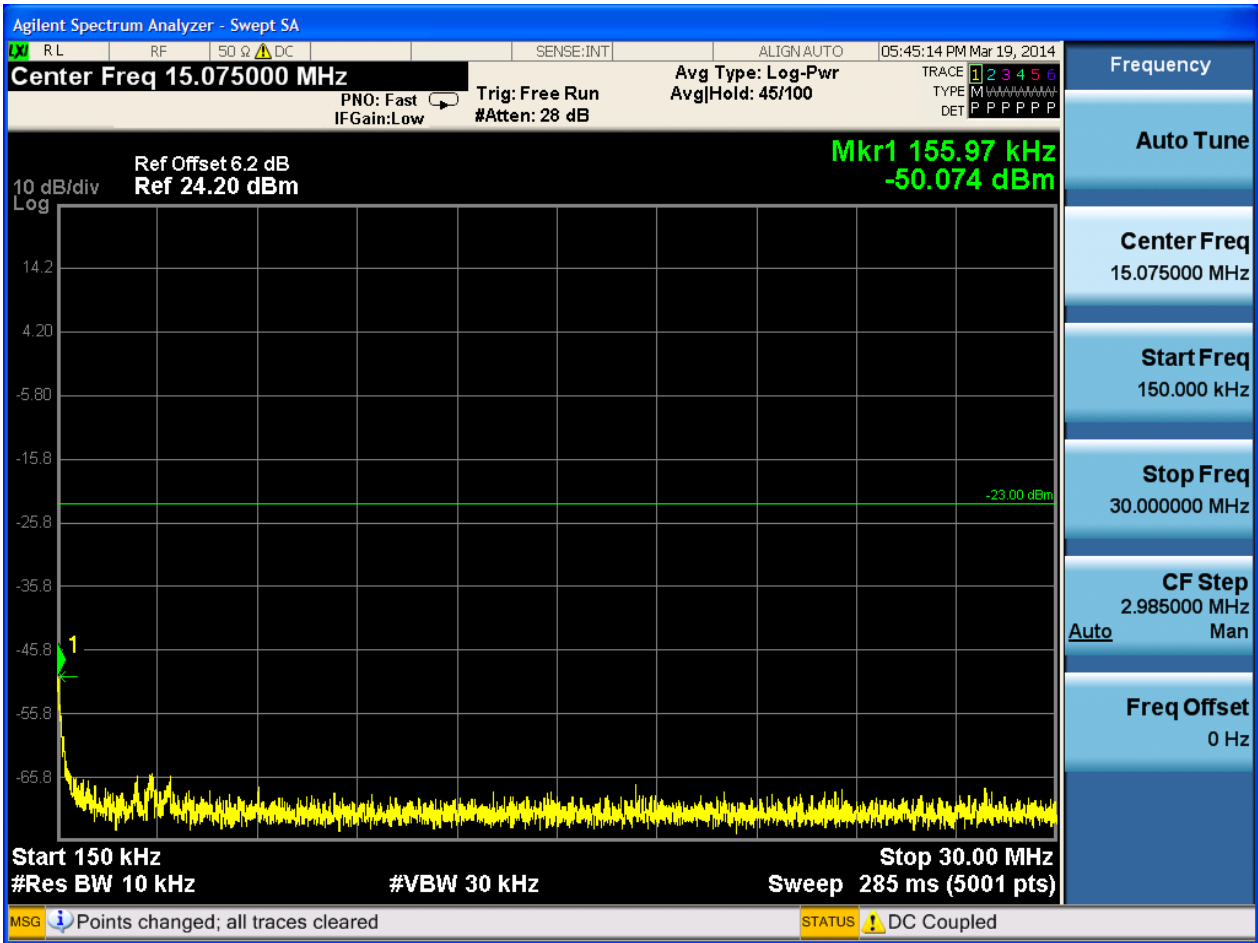


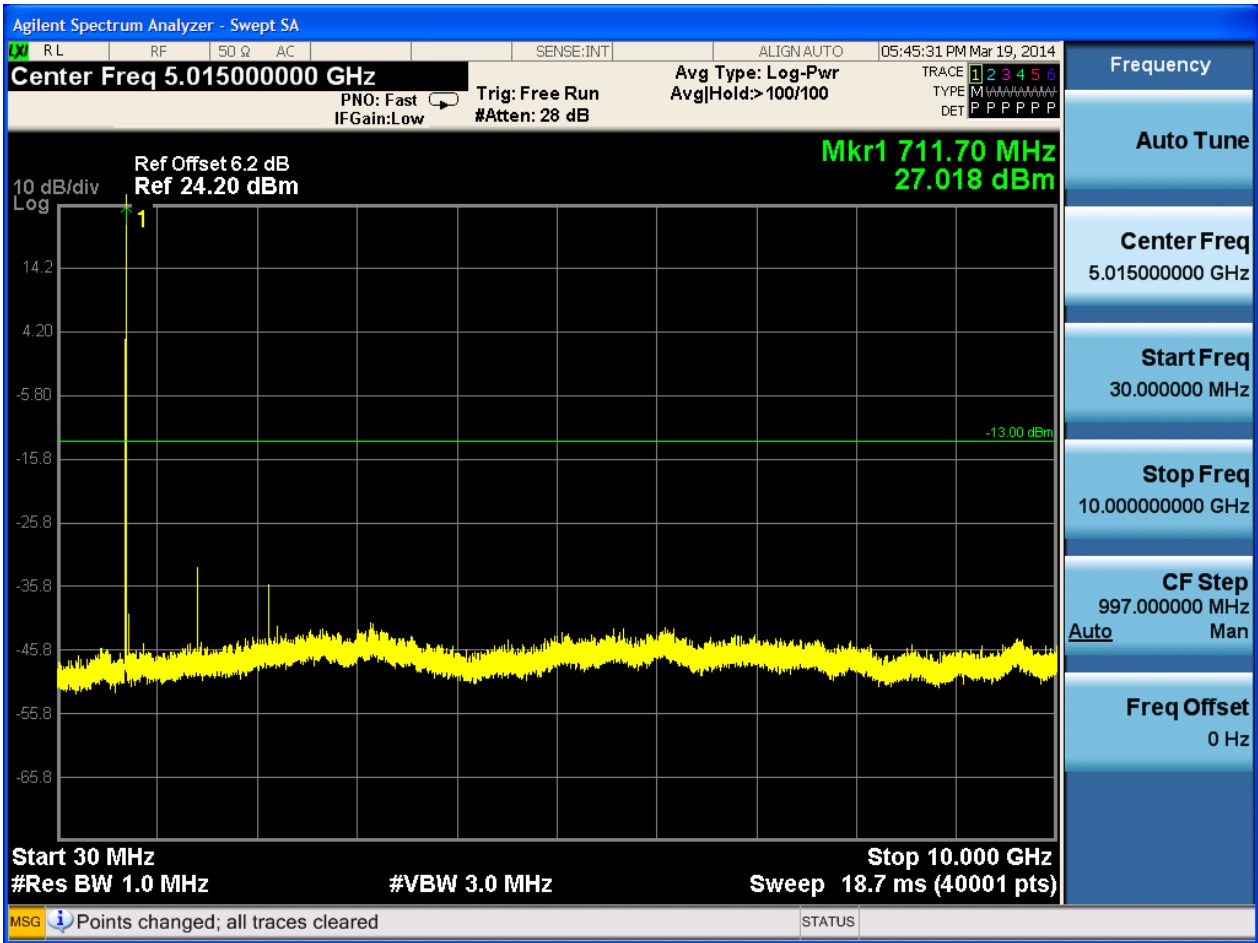


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





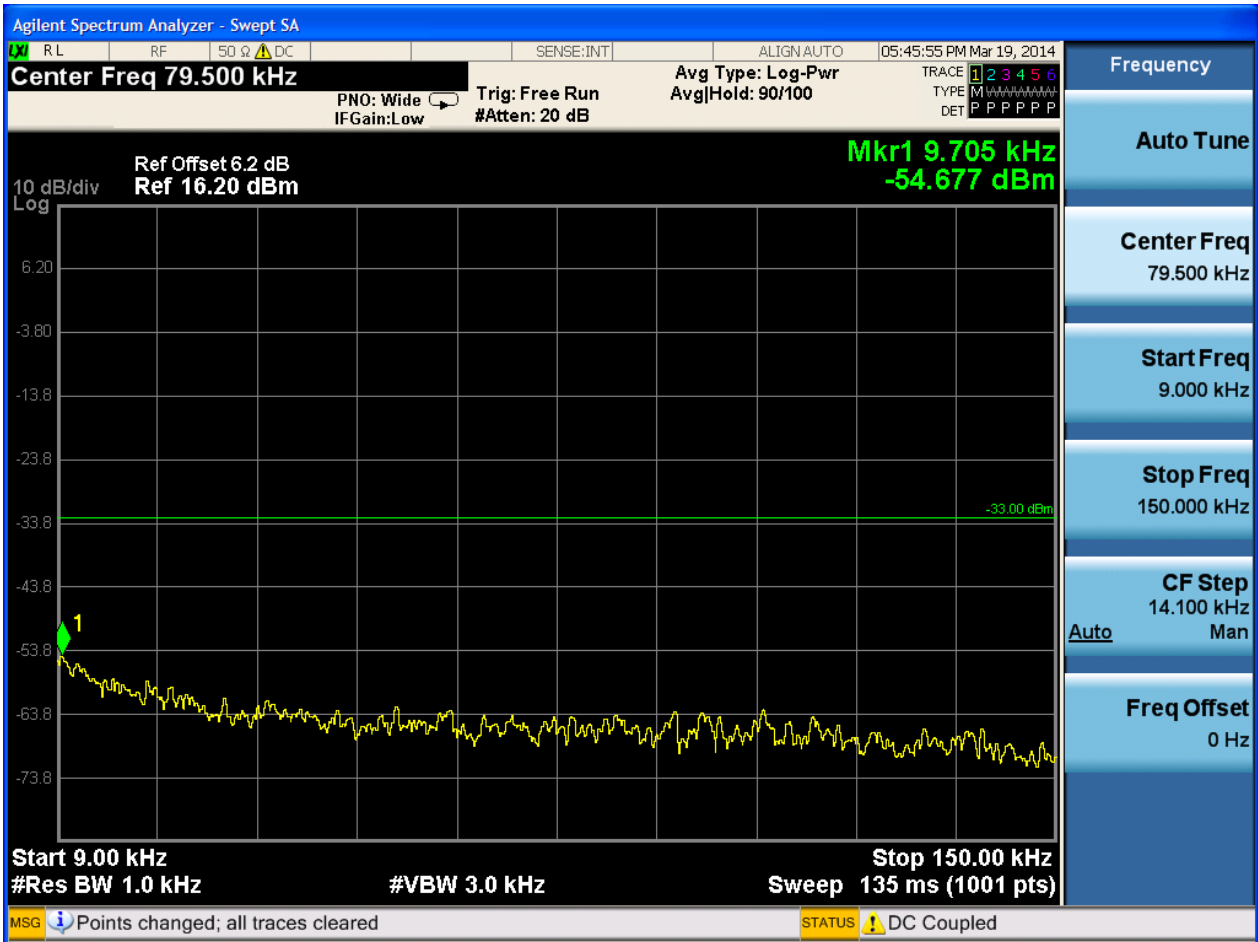


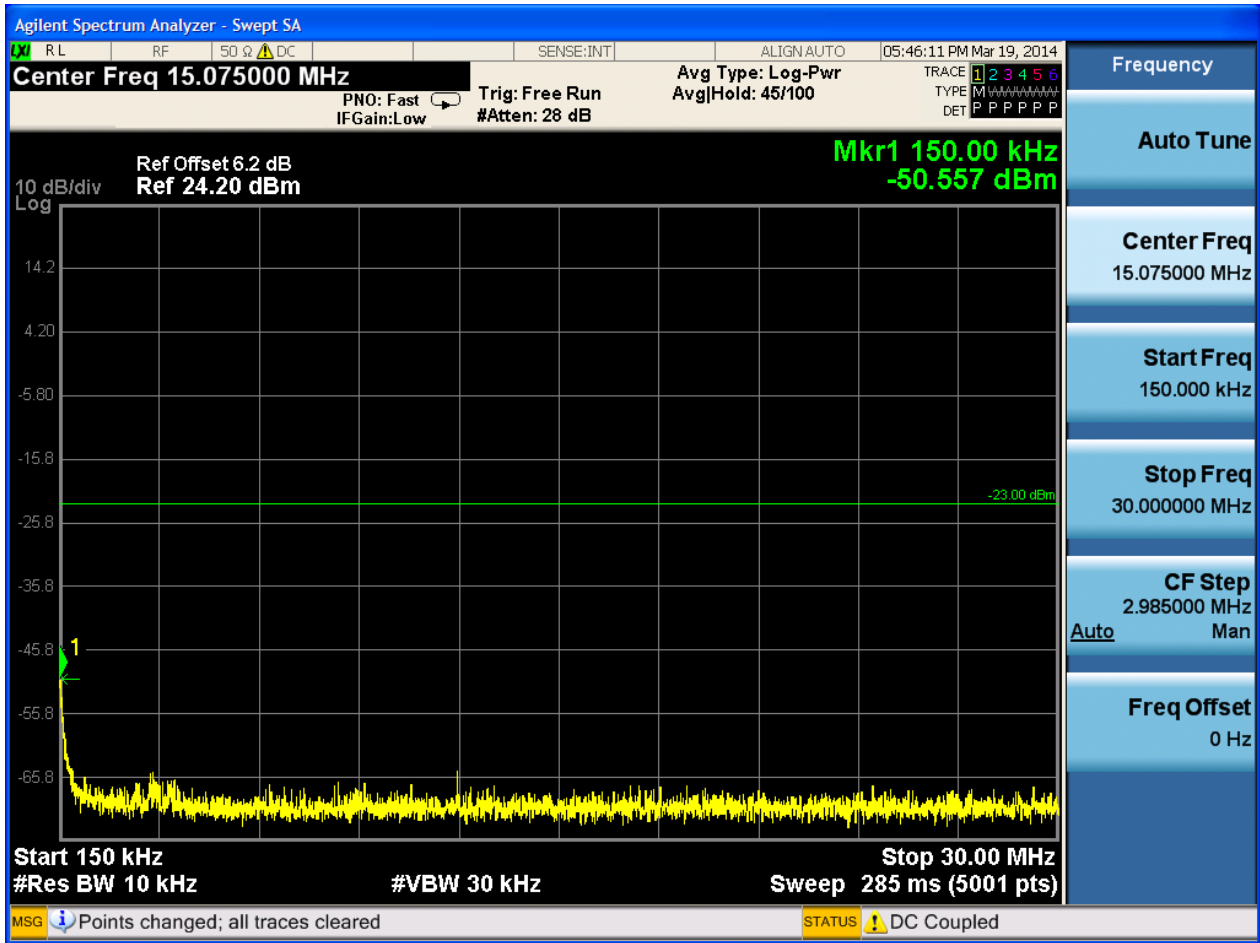


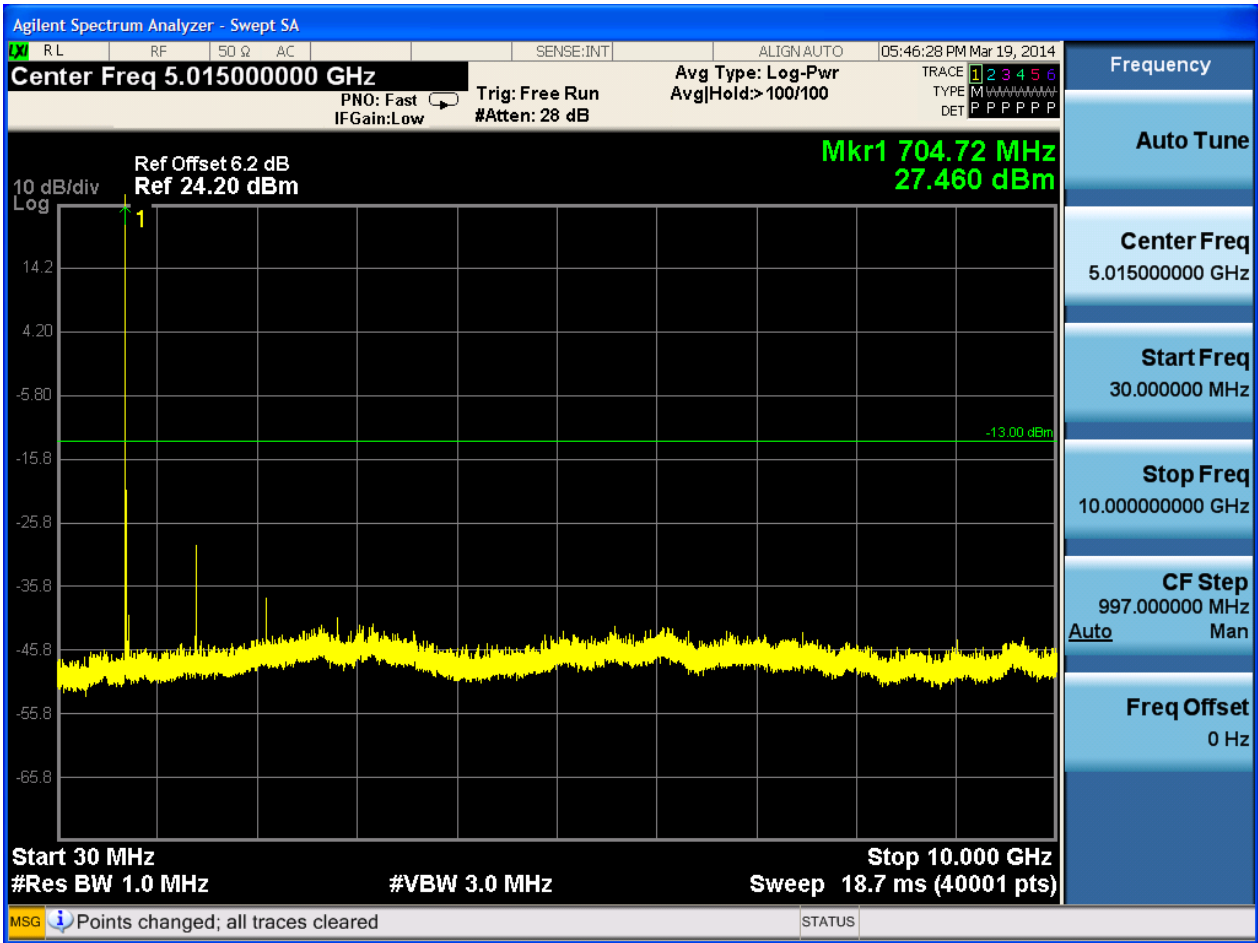
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0

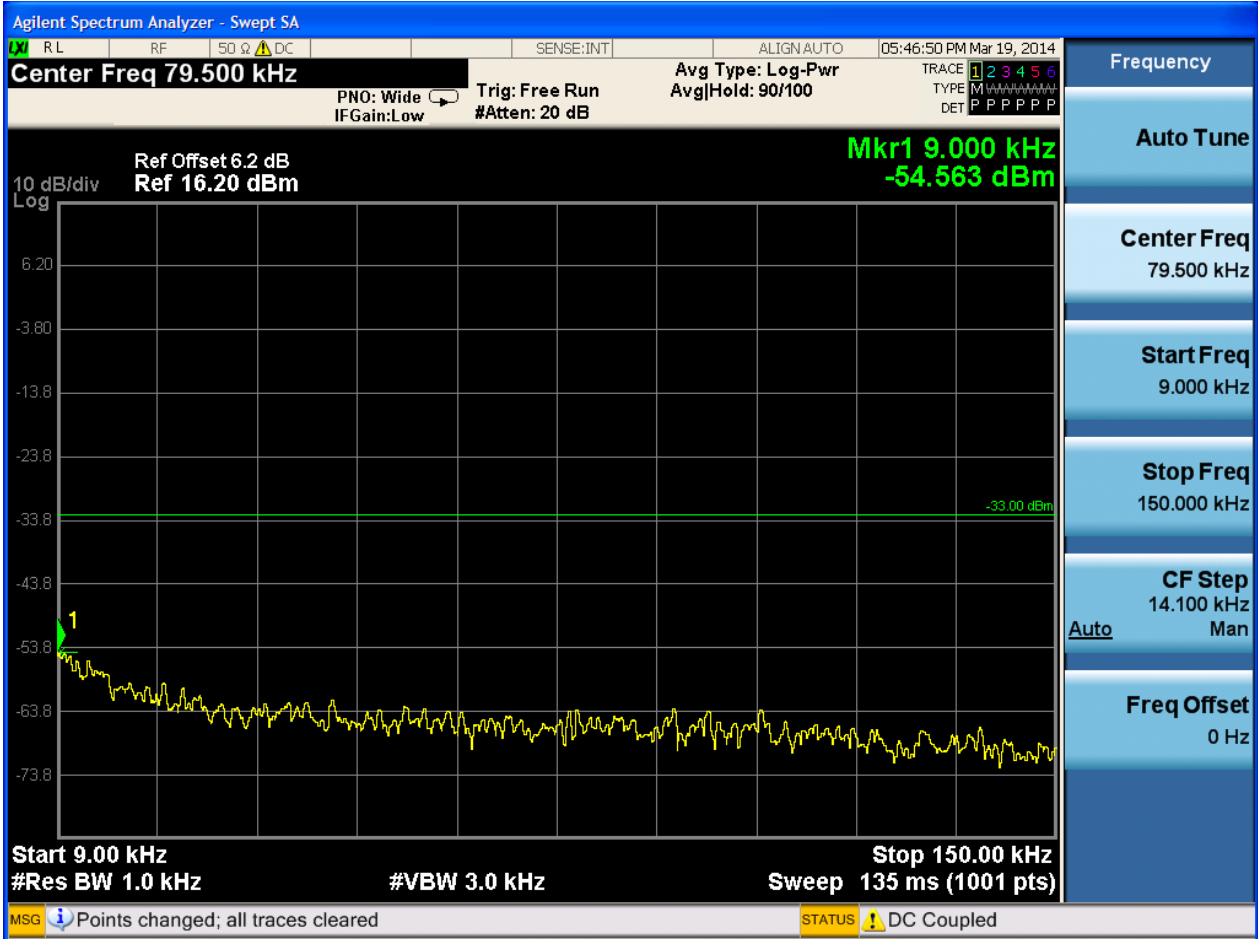


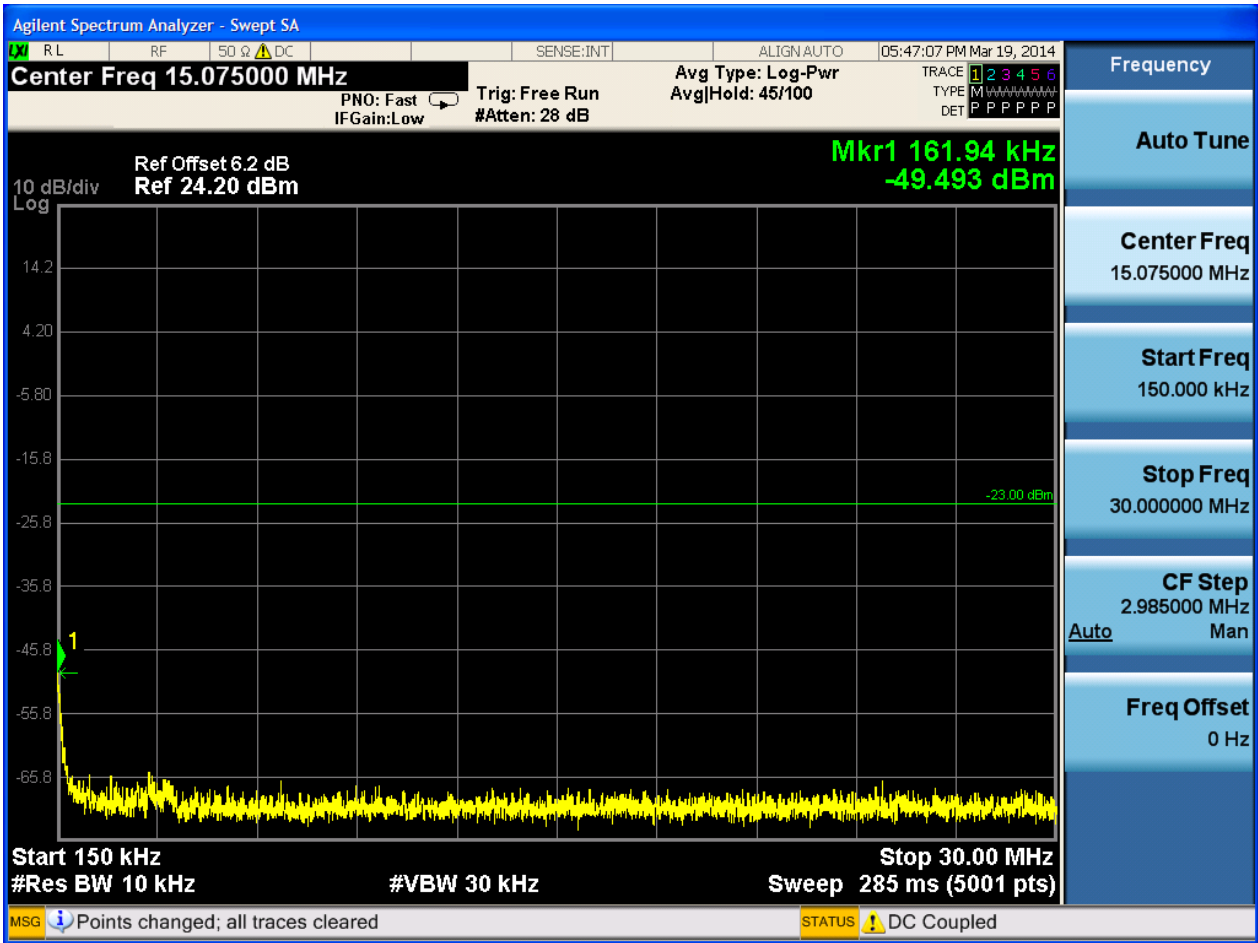


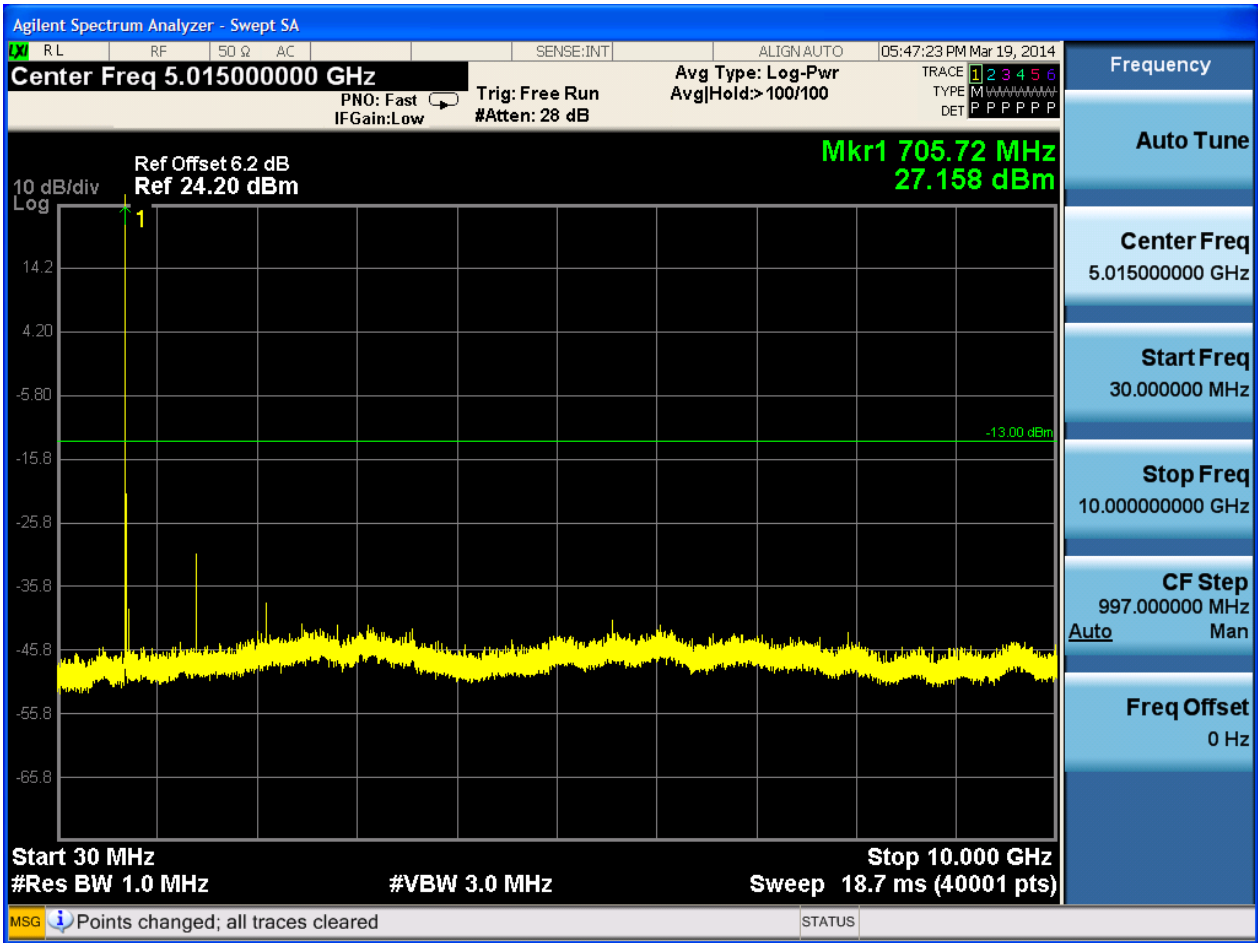


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

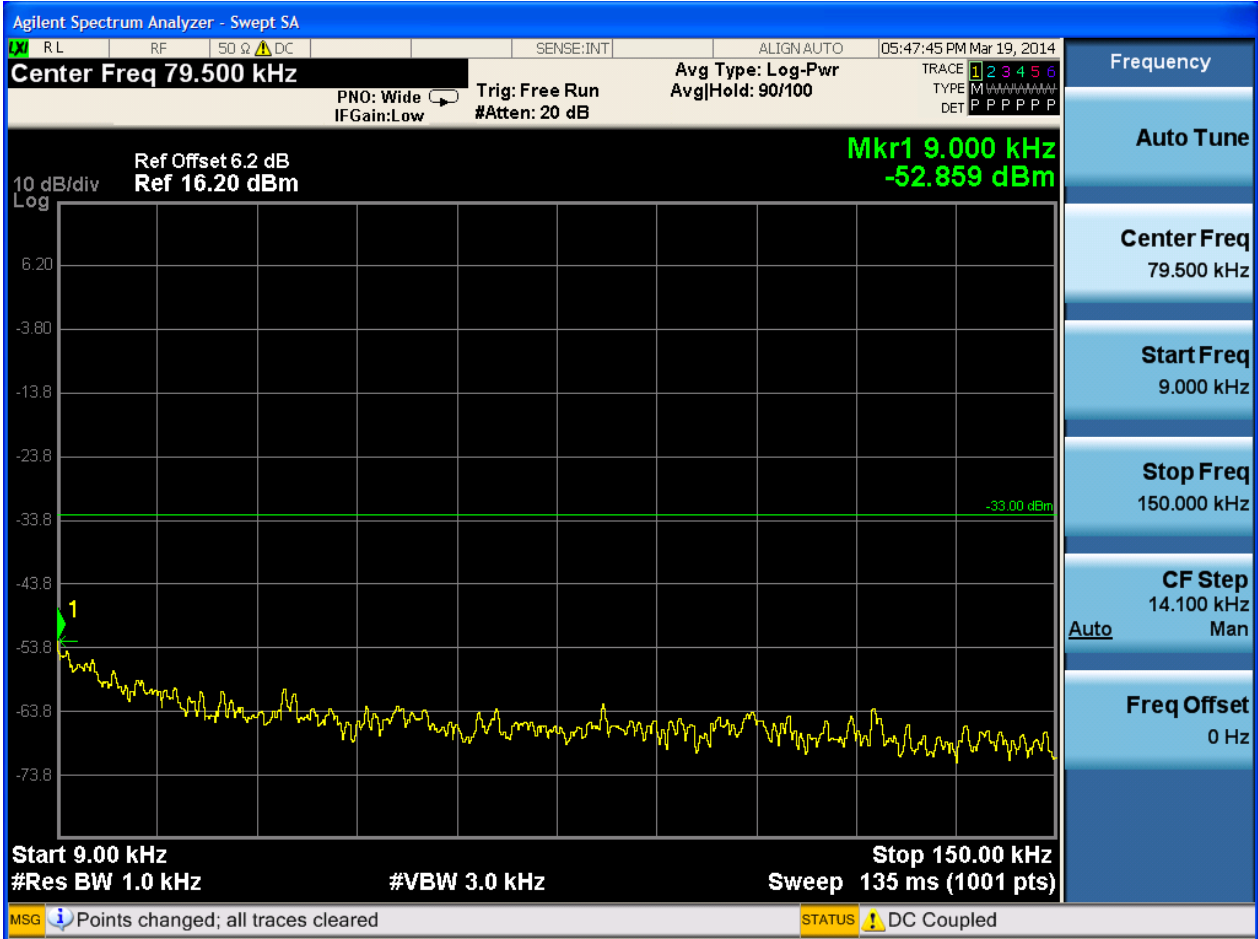


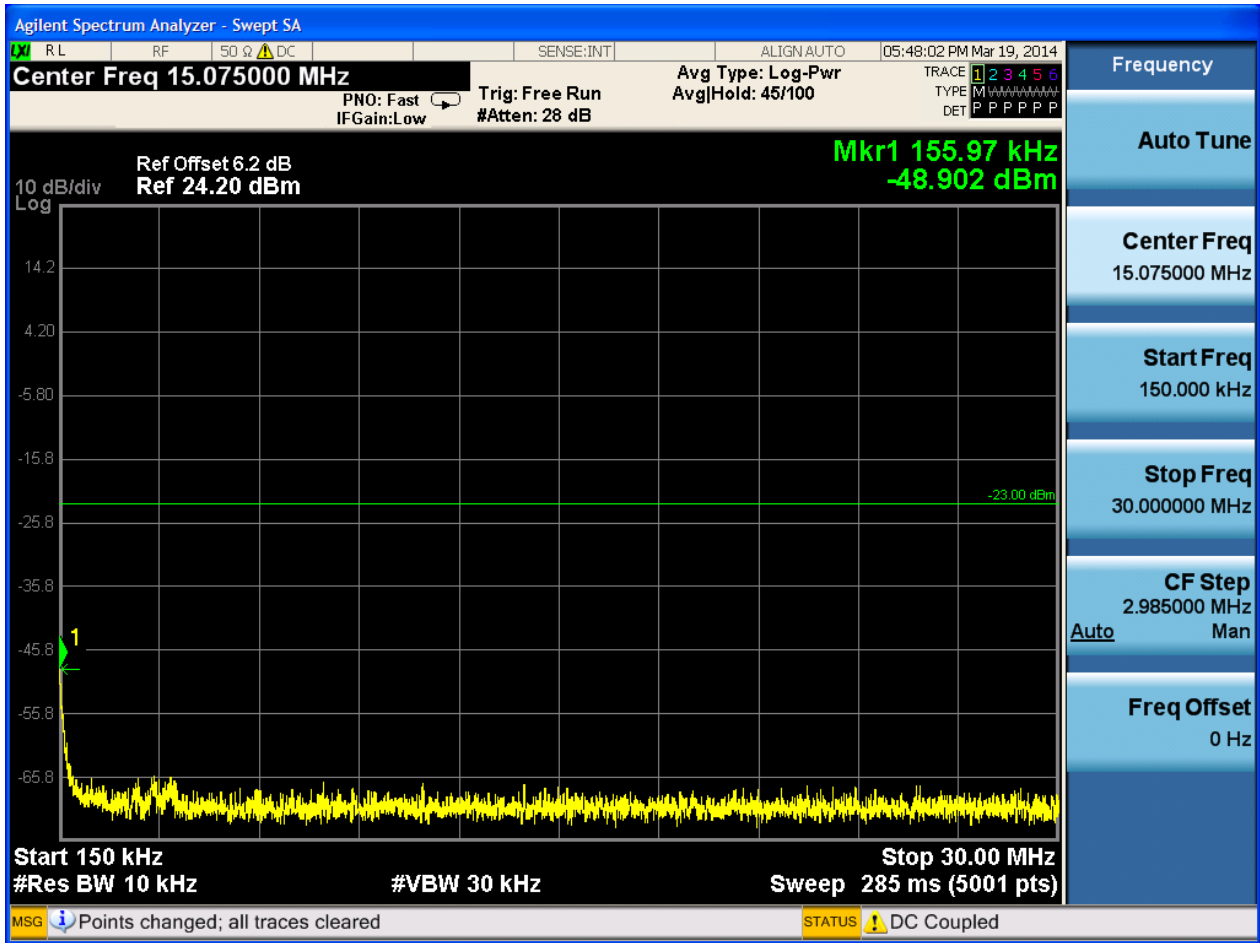


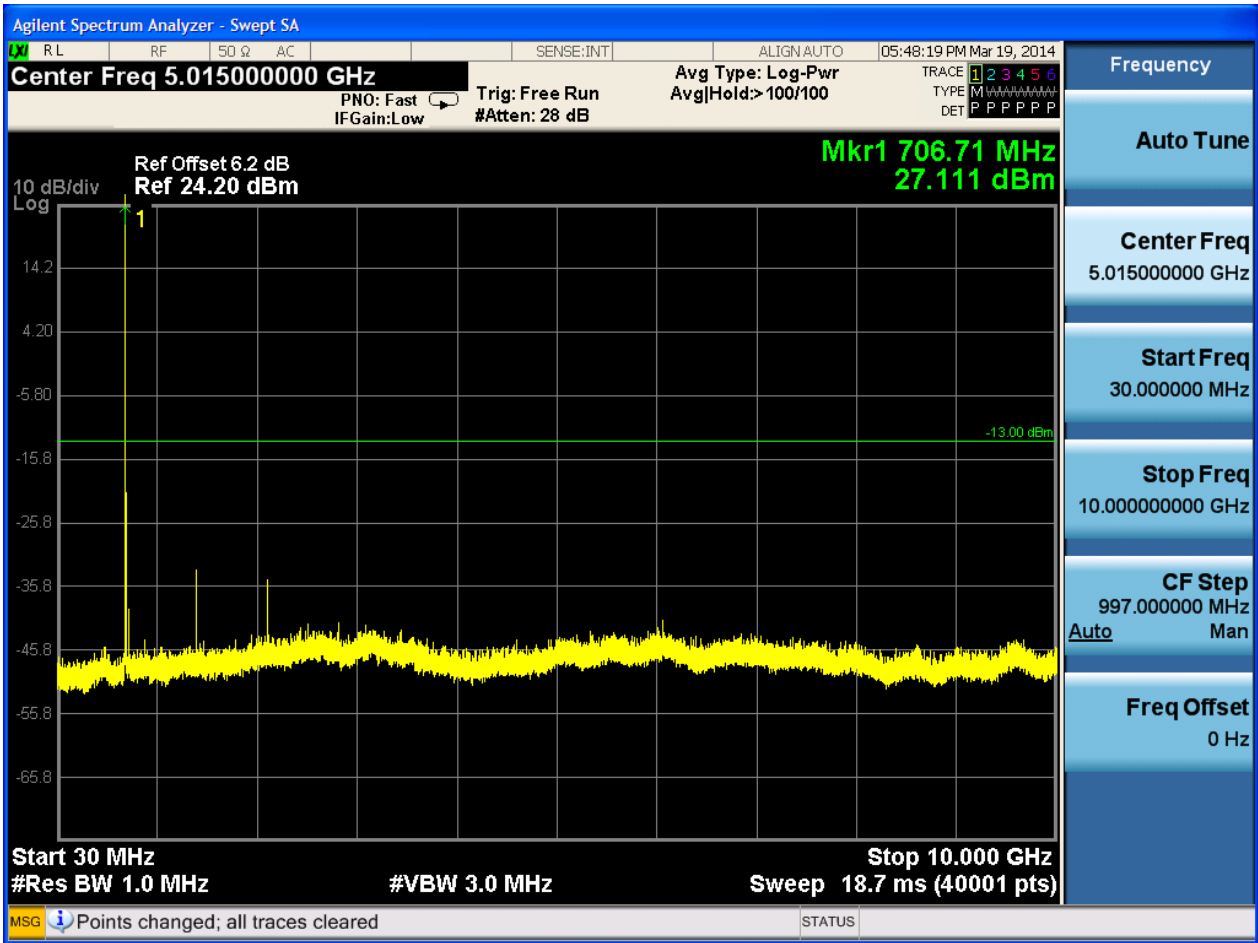


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







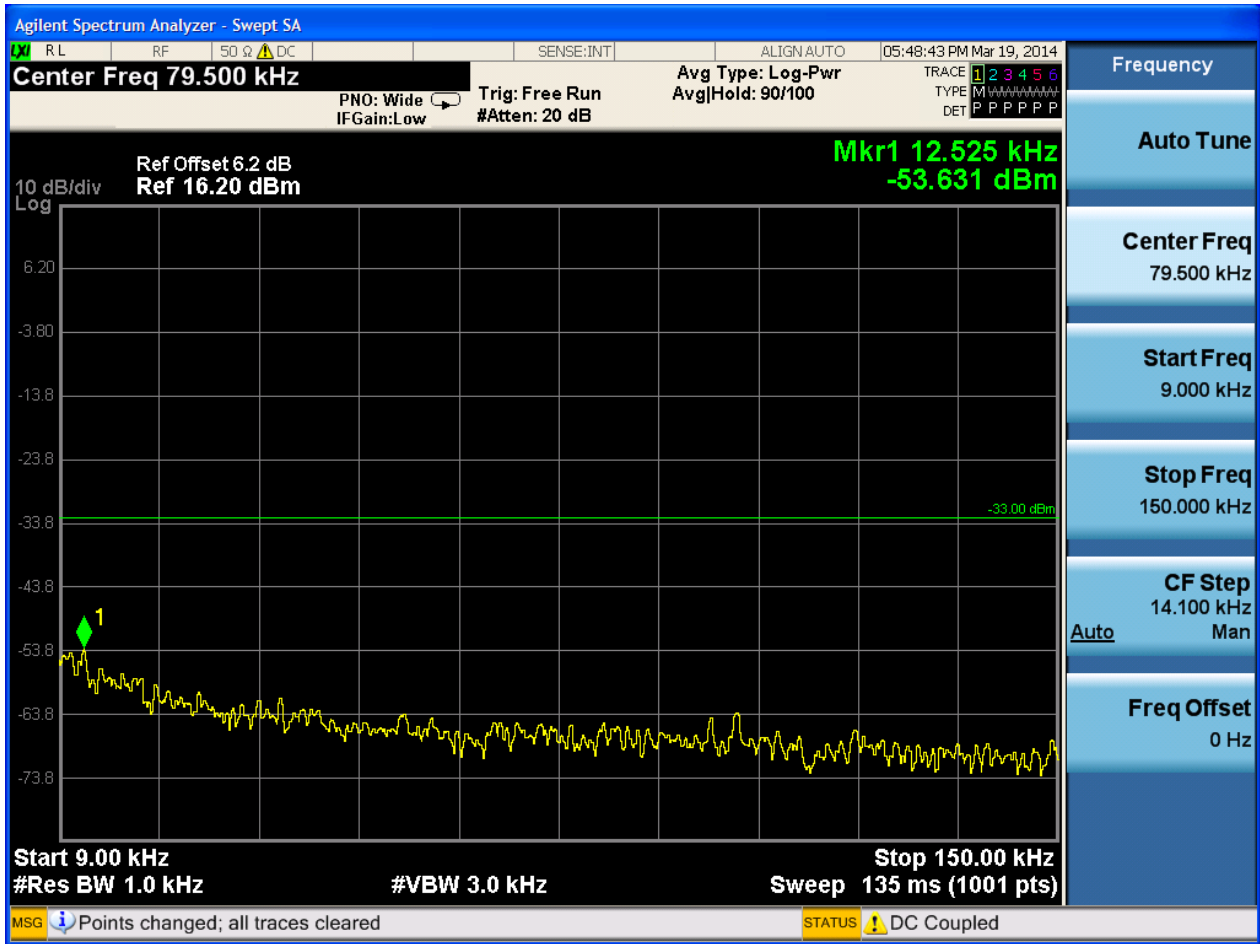


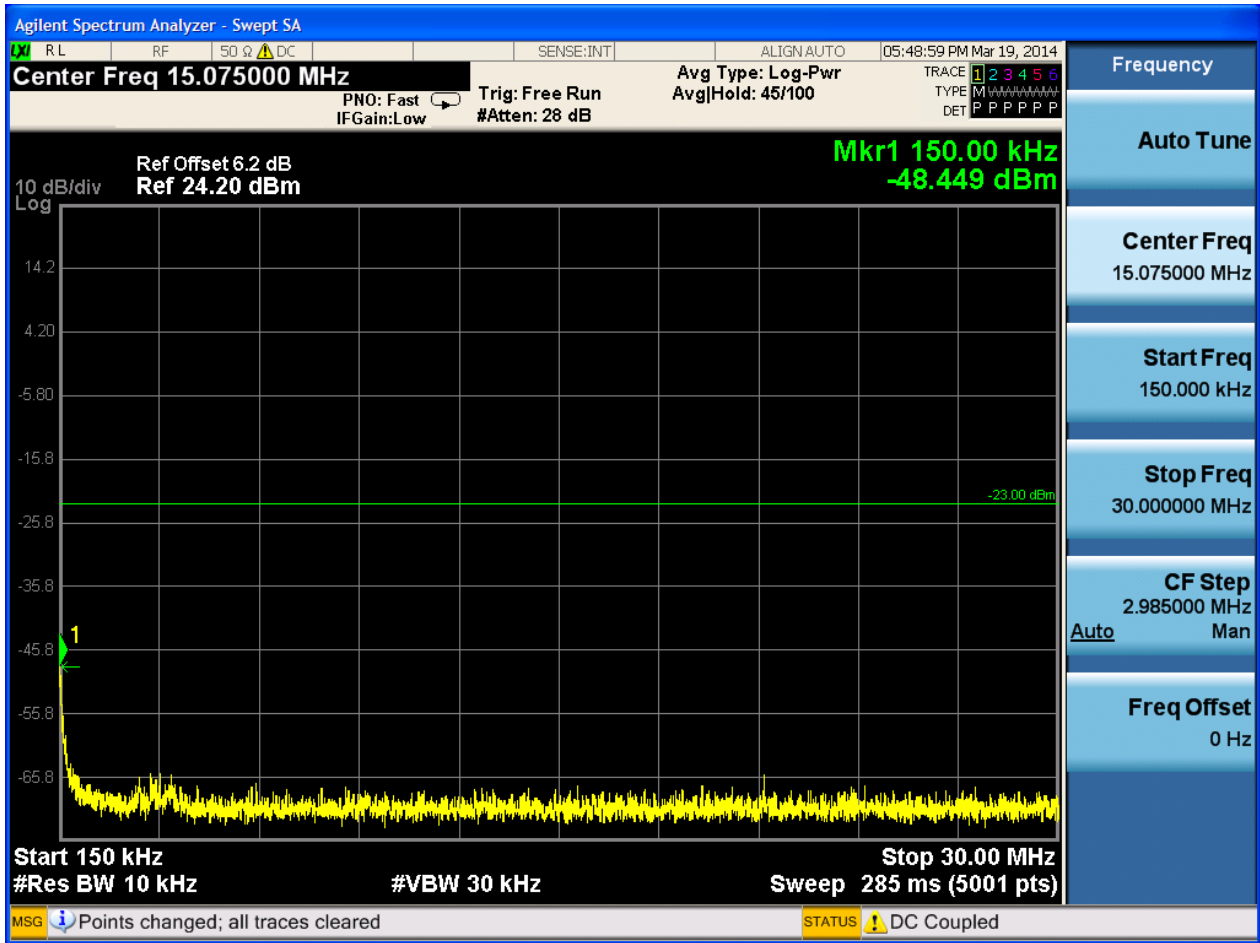
6.1.1.2 Test Mode = LTE/TM2

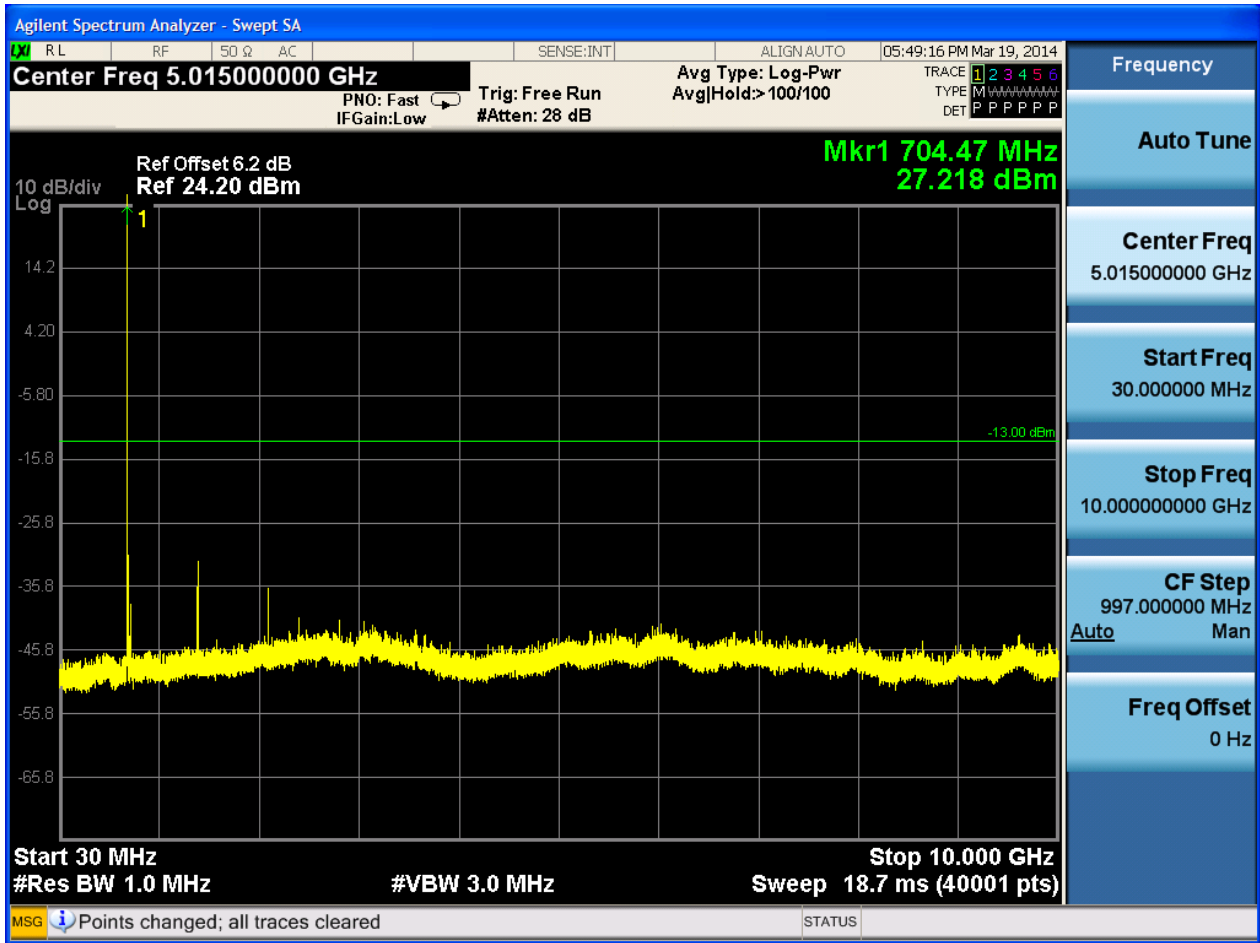
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0

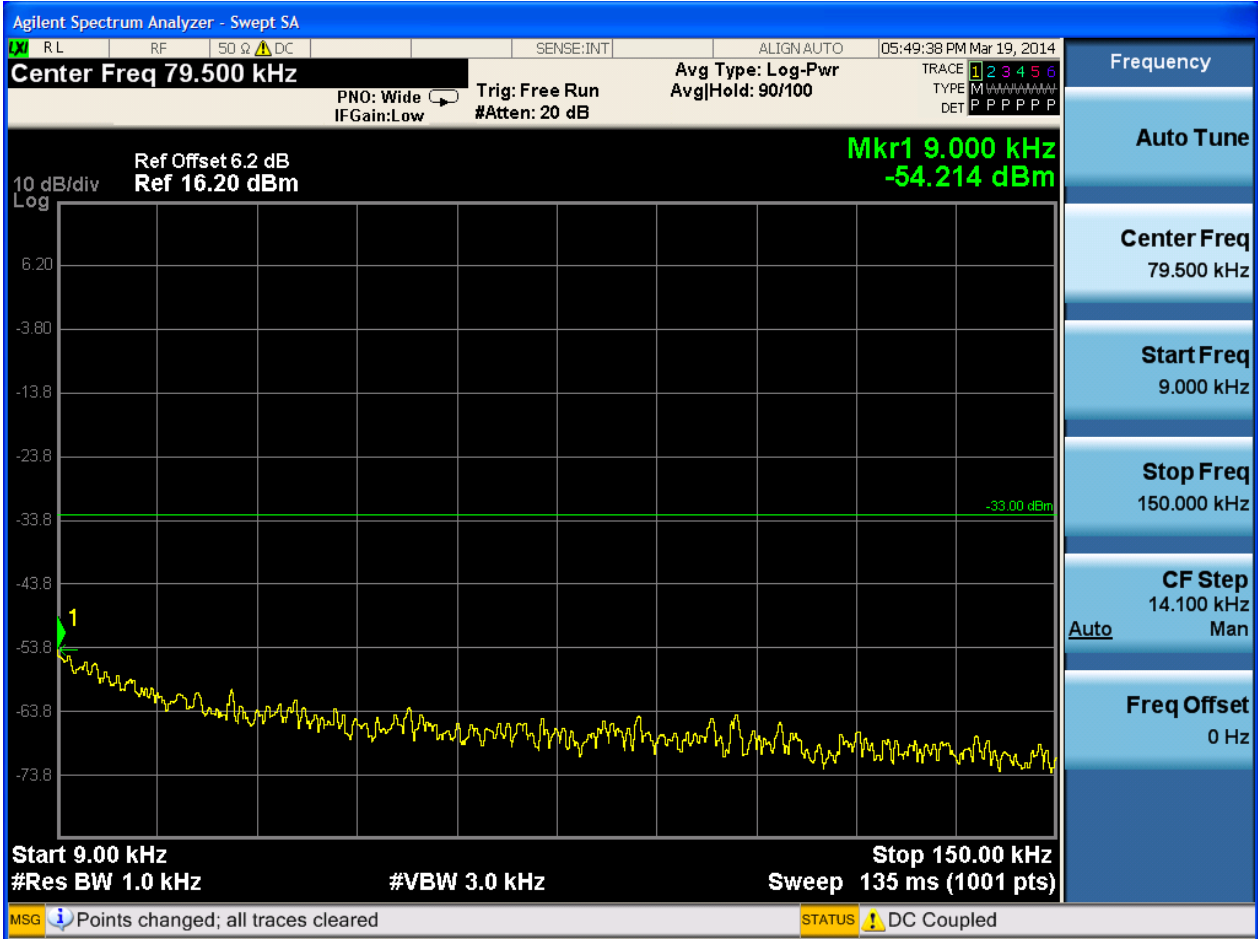


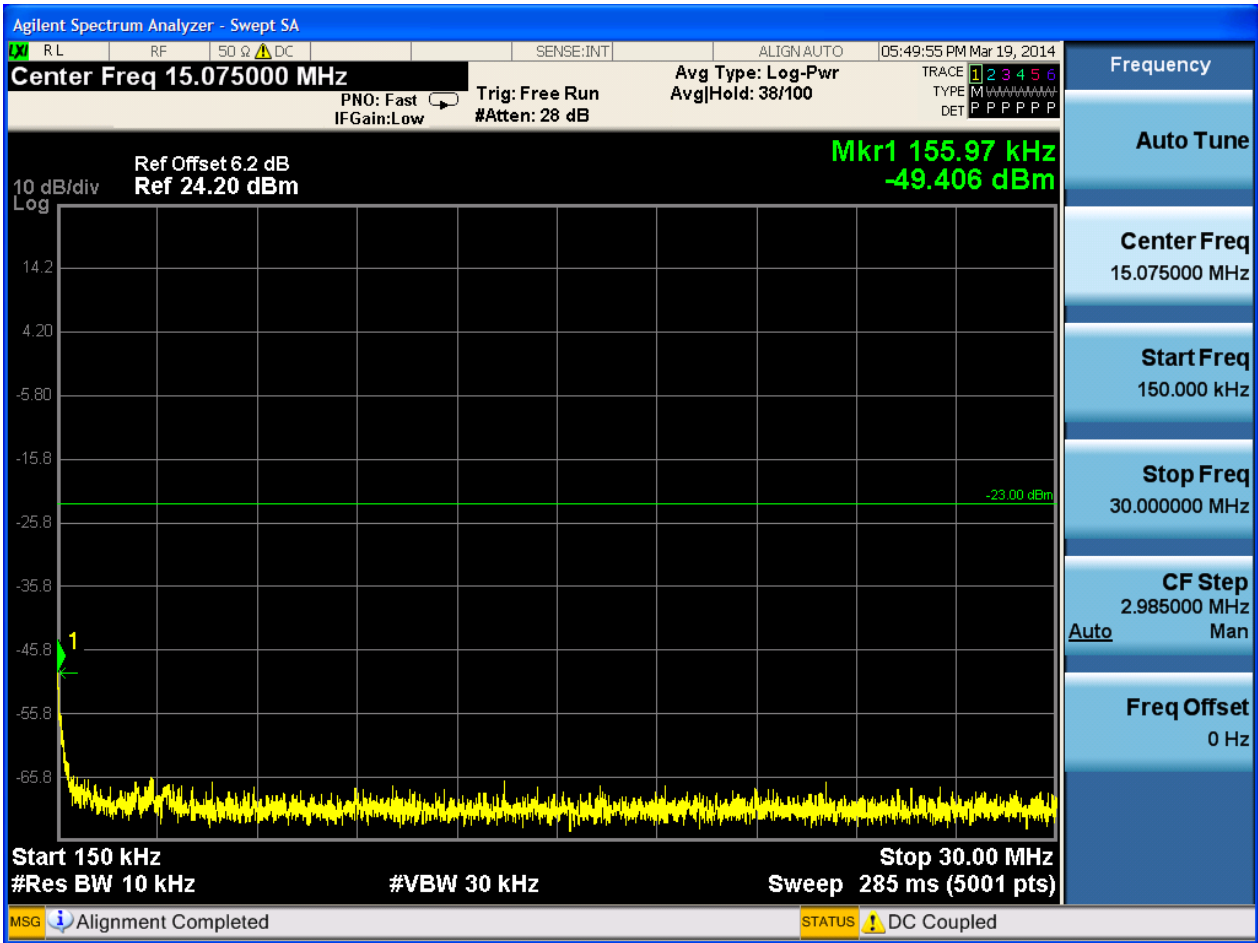


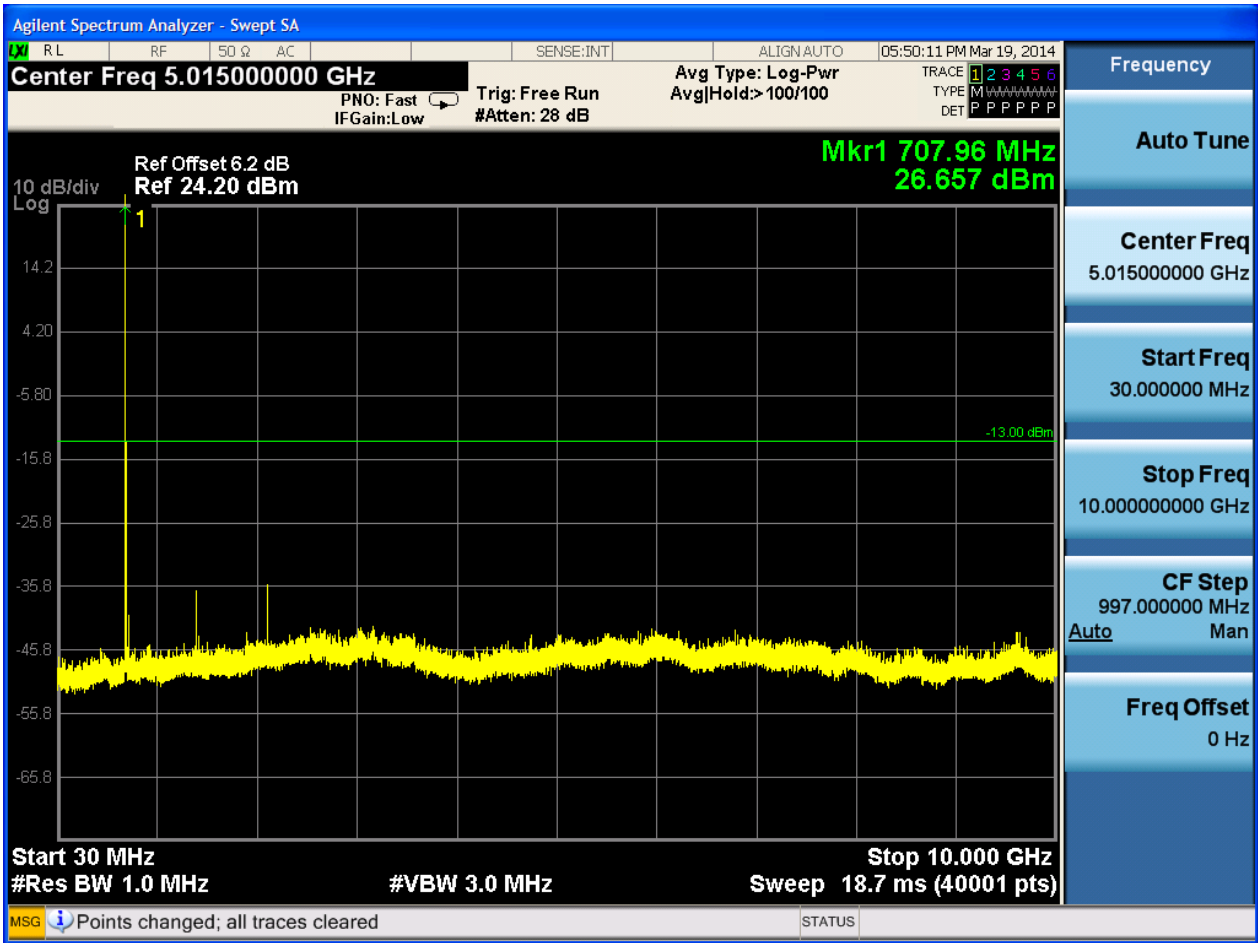


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

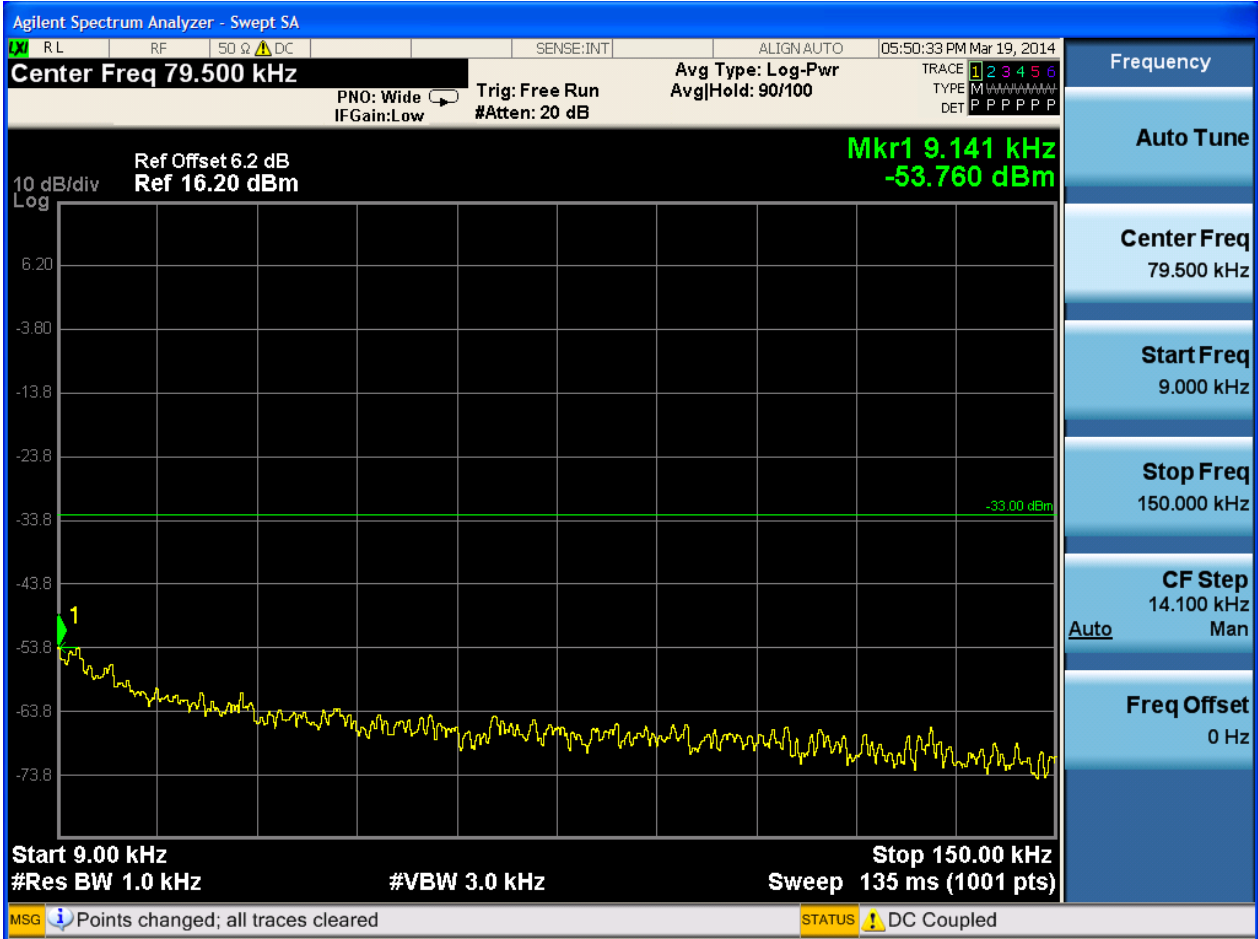


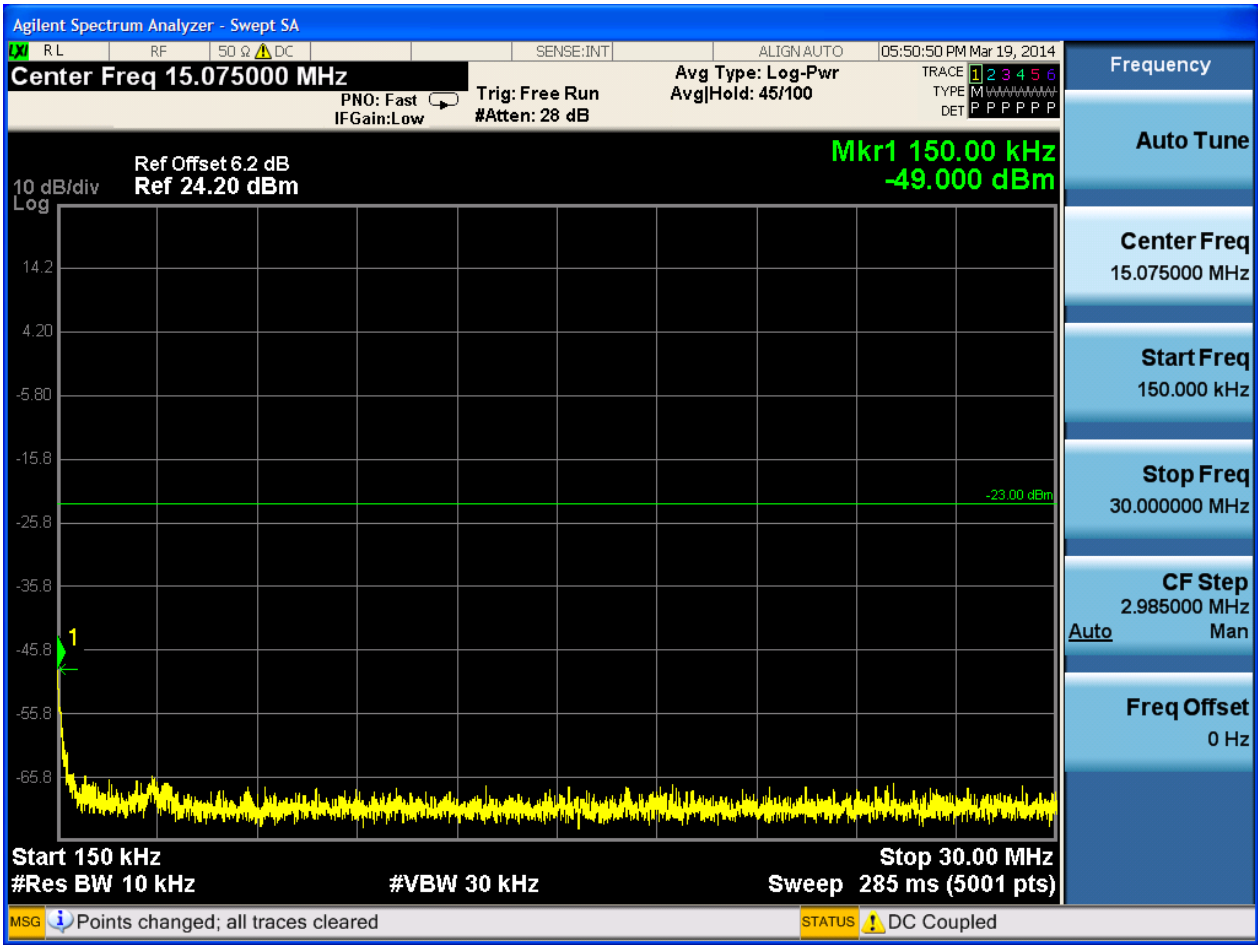


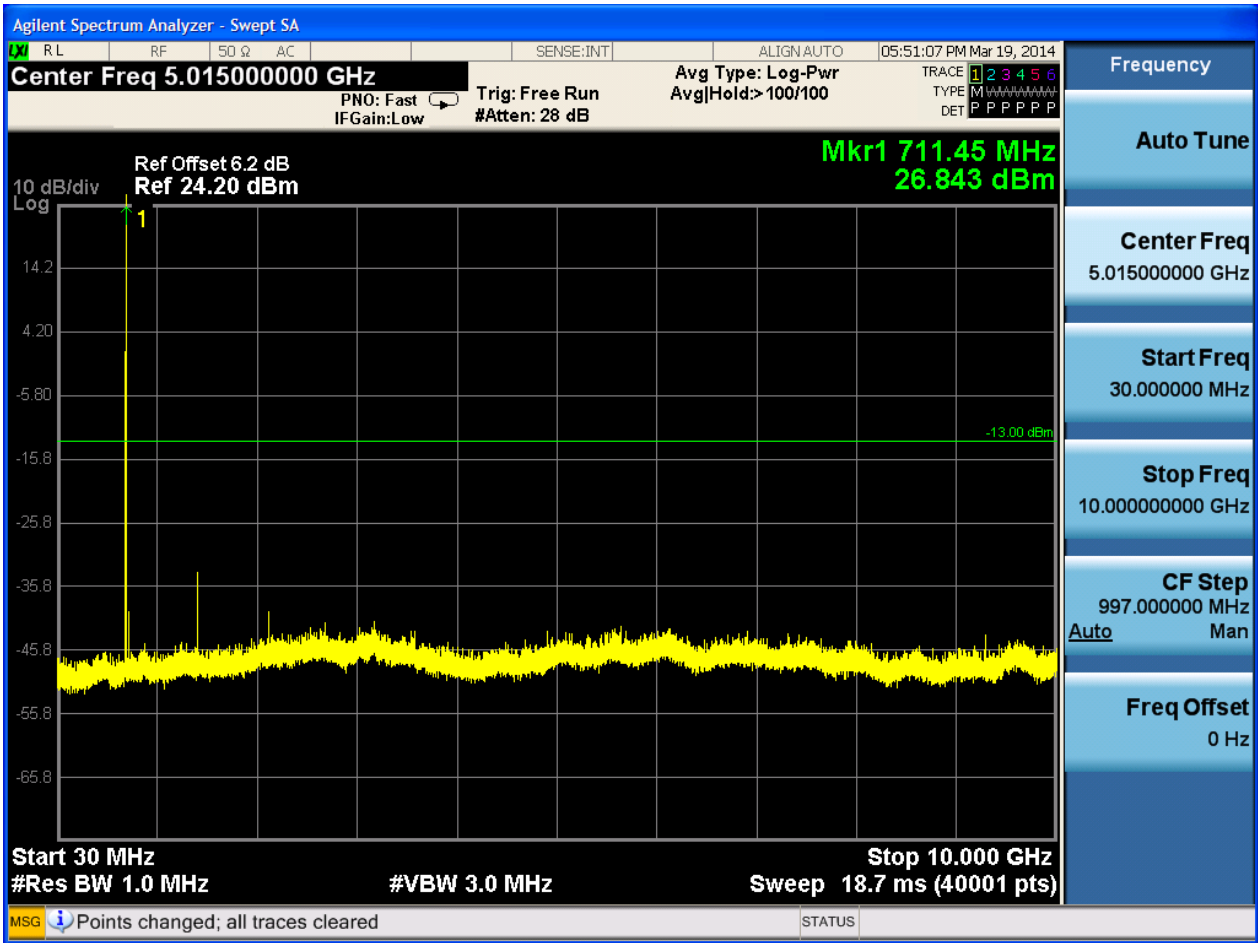


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





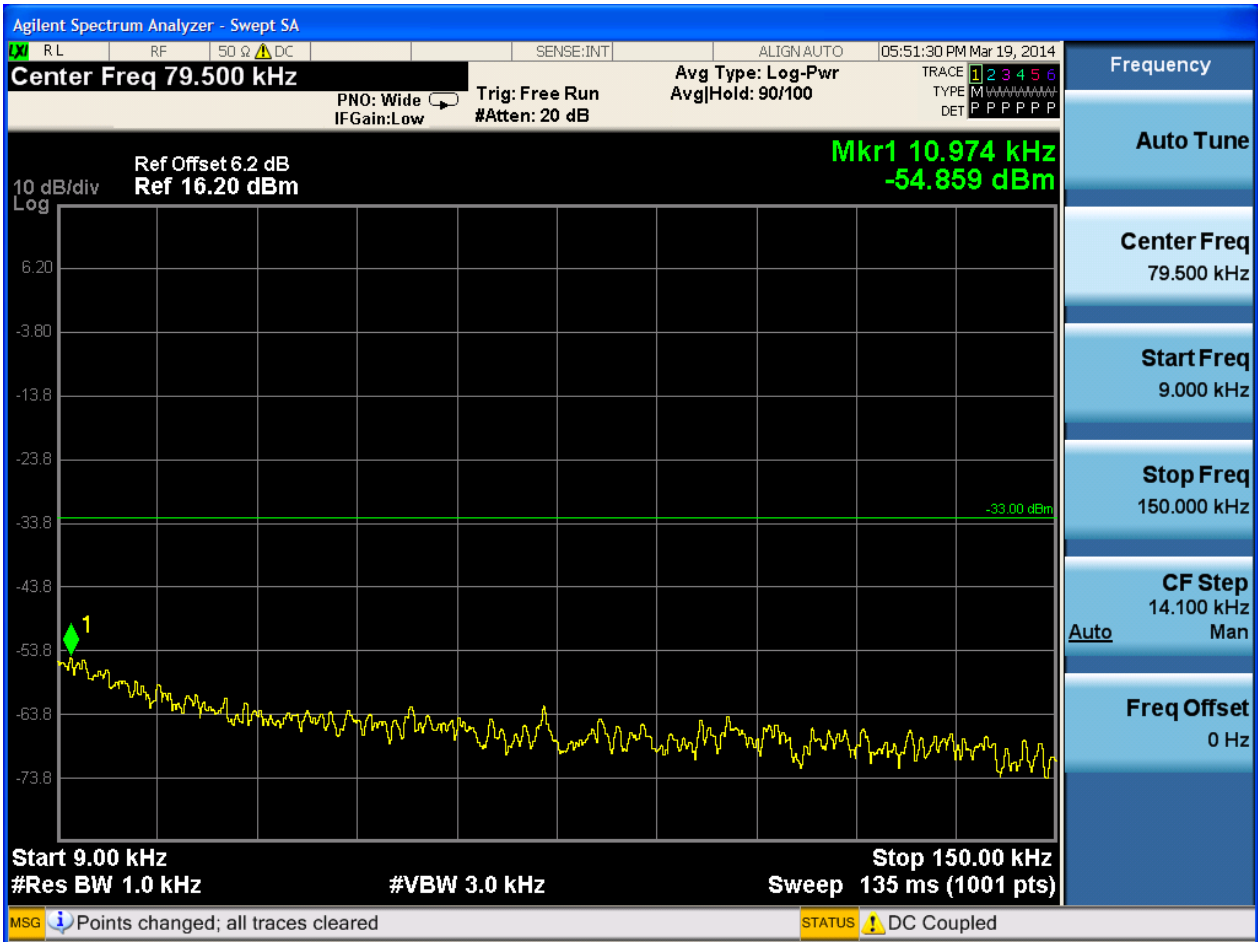


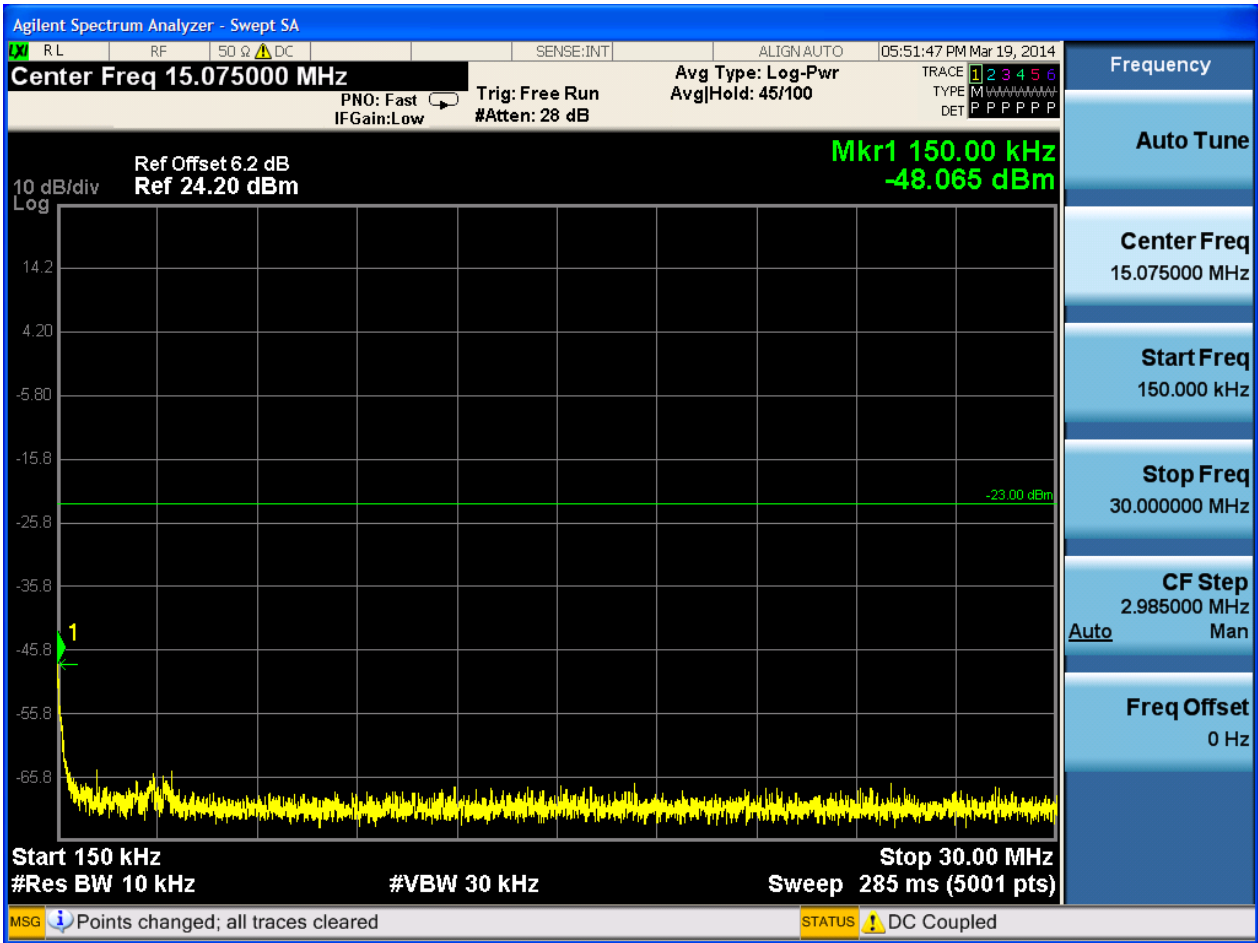


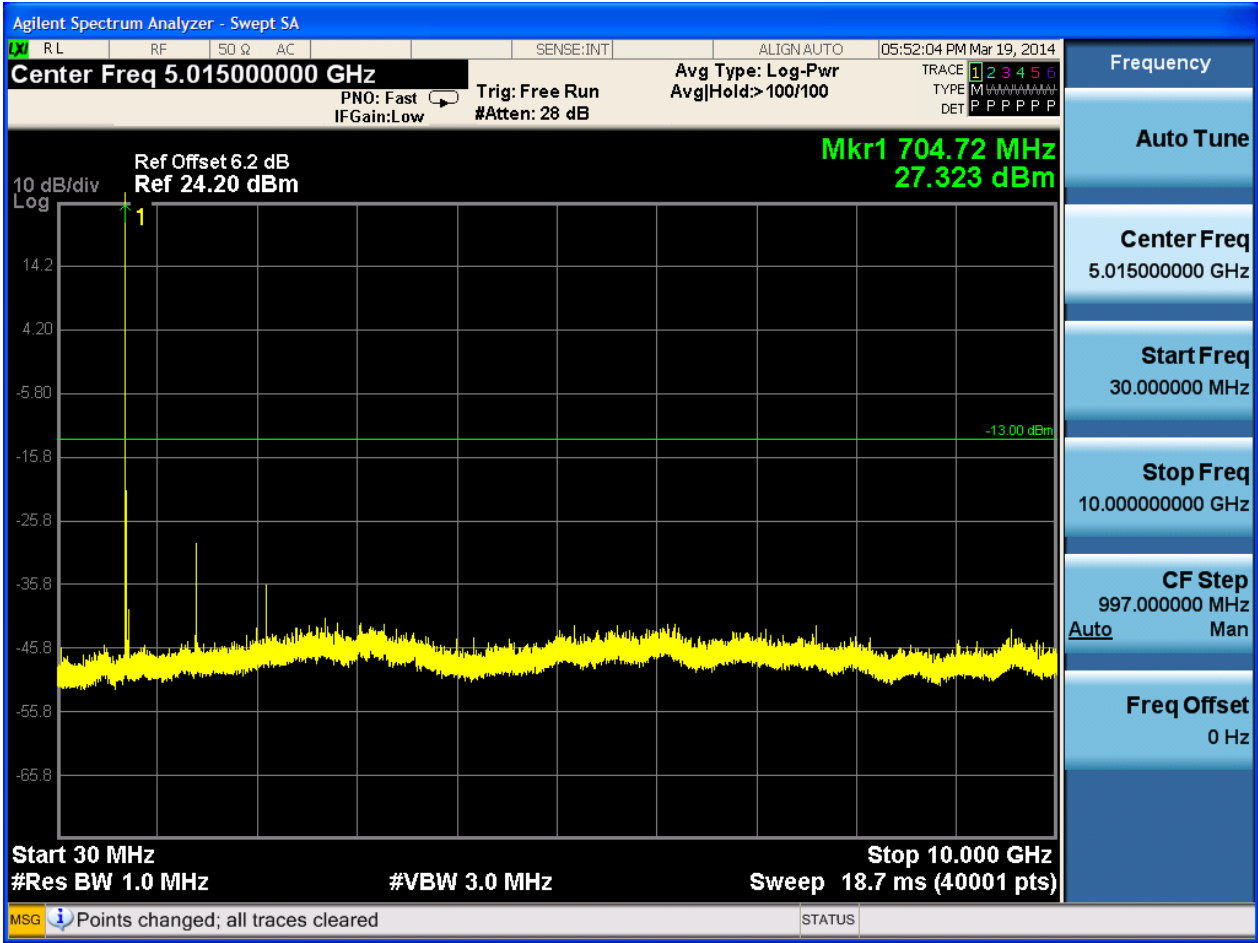
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

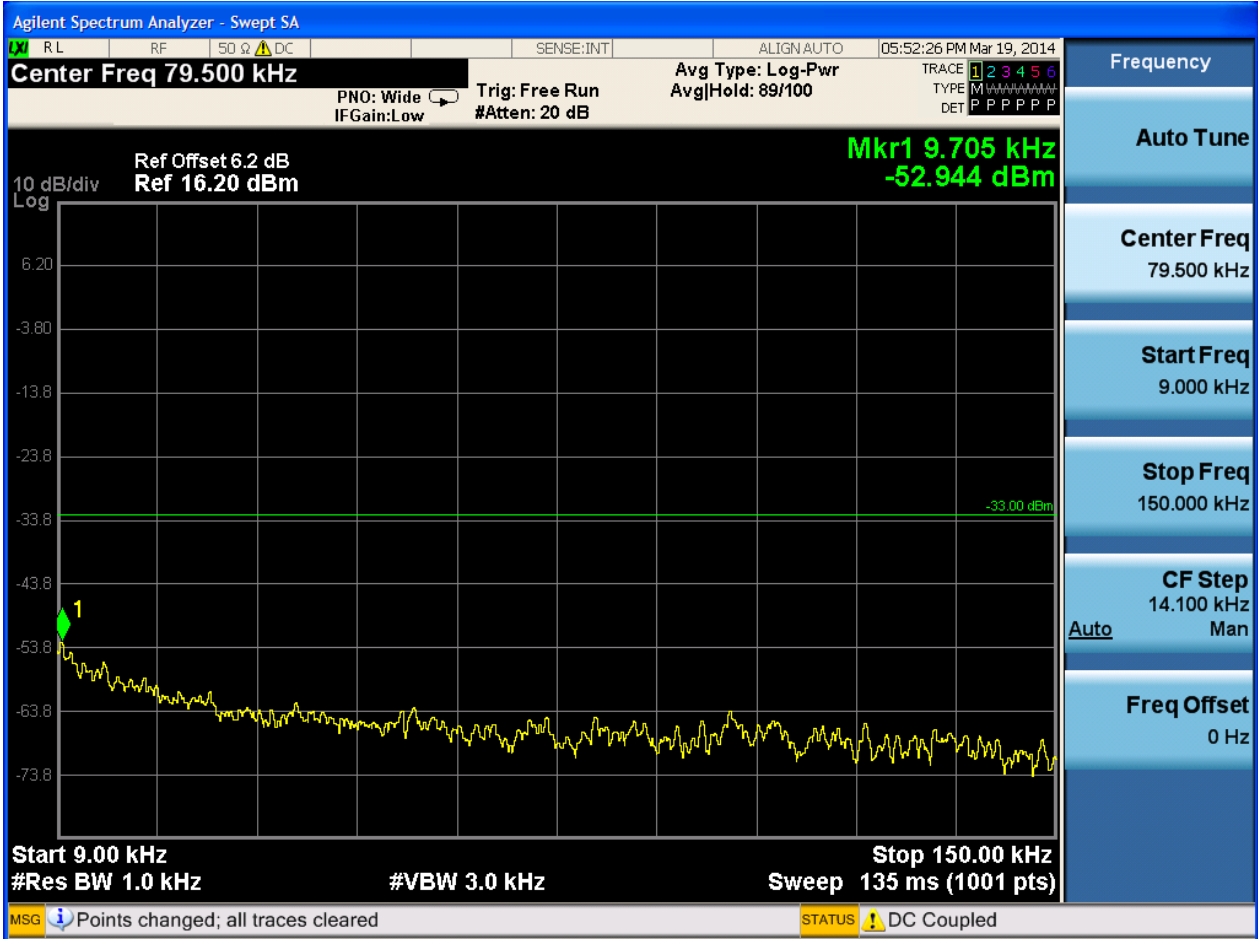


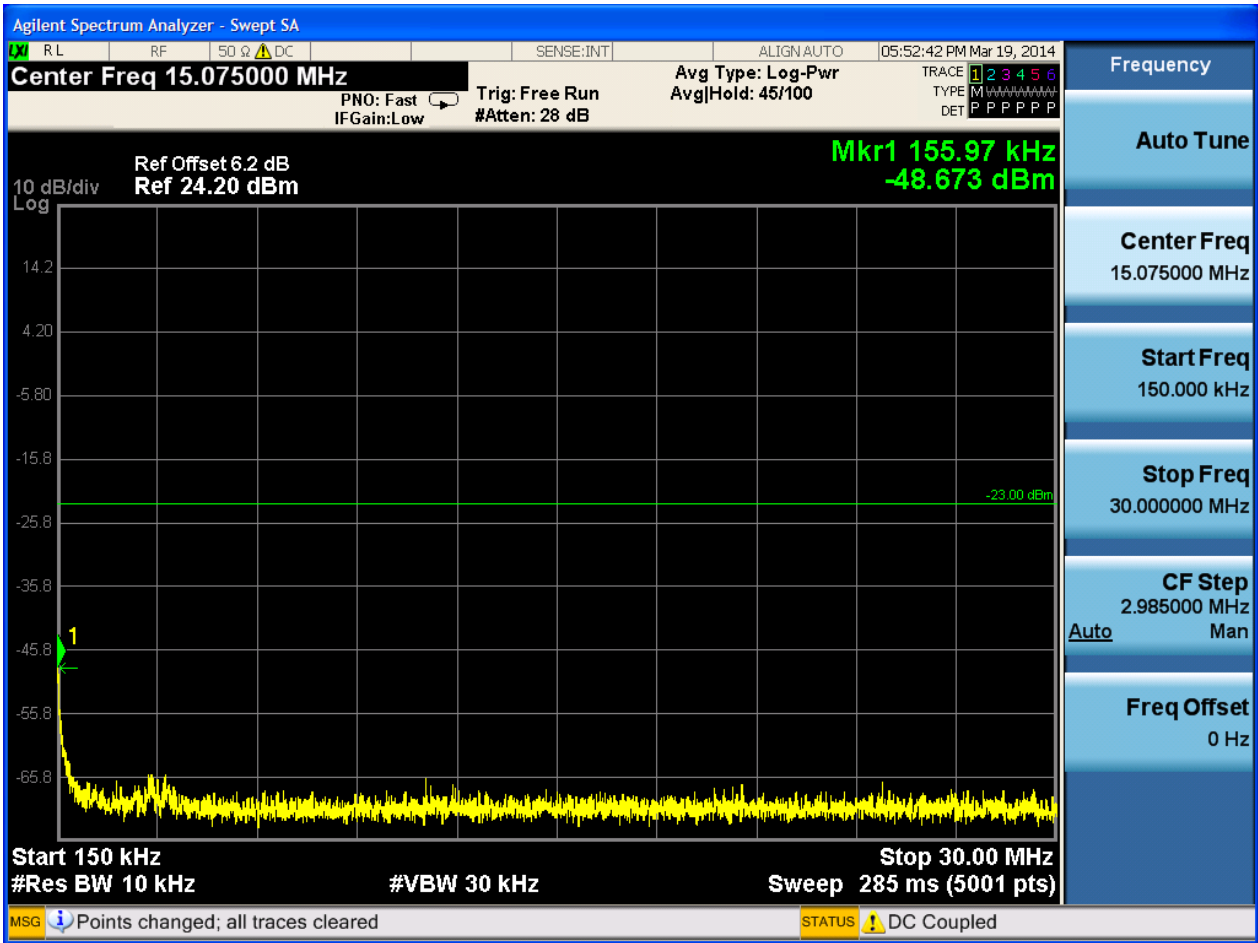


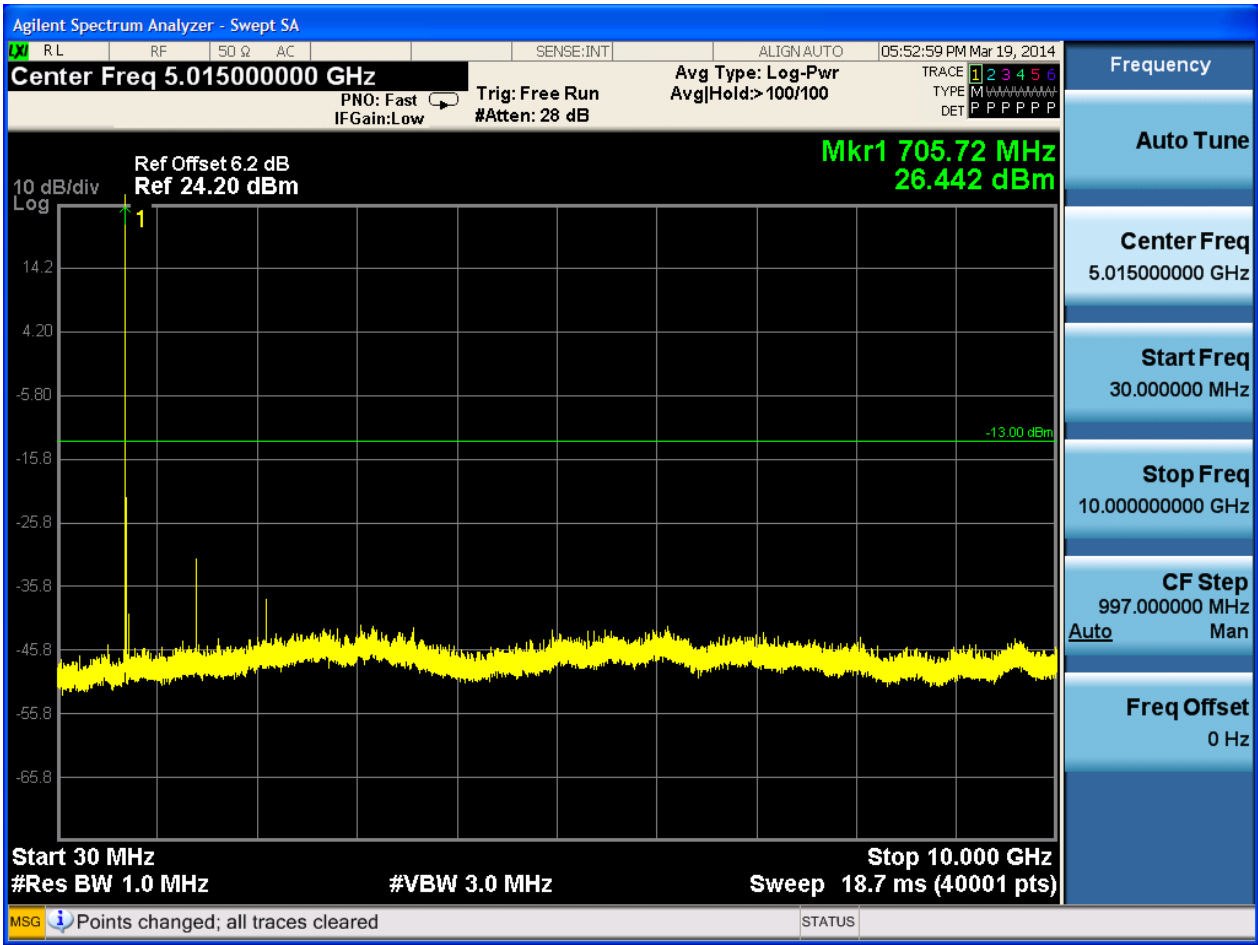


6.1.1.2.2 Test Channel = MCH

6.1.1.2.2.1 Test RB = RB1#0



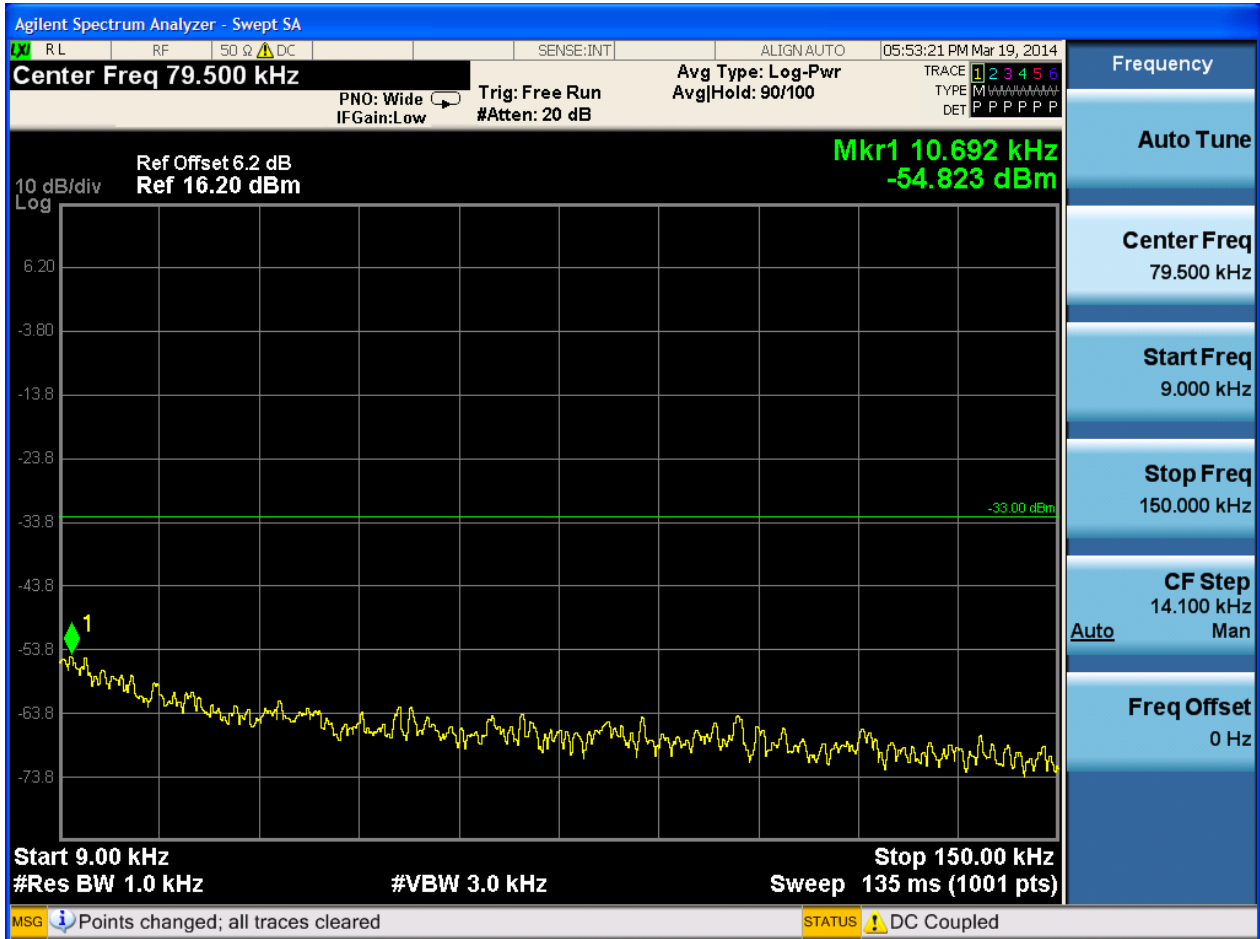


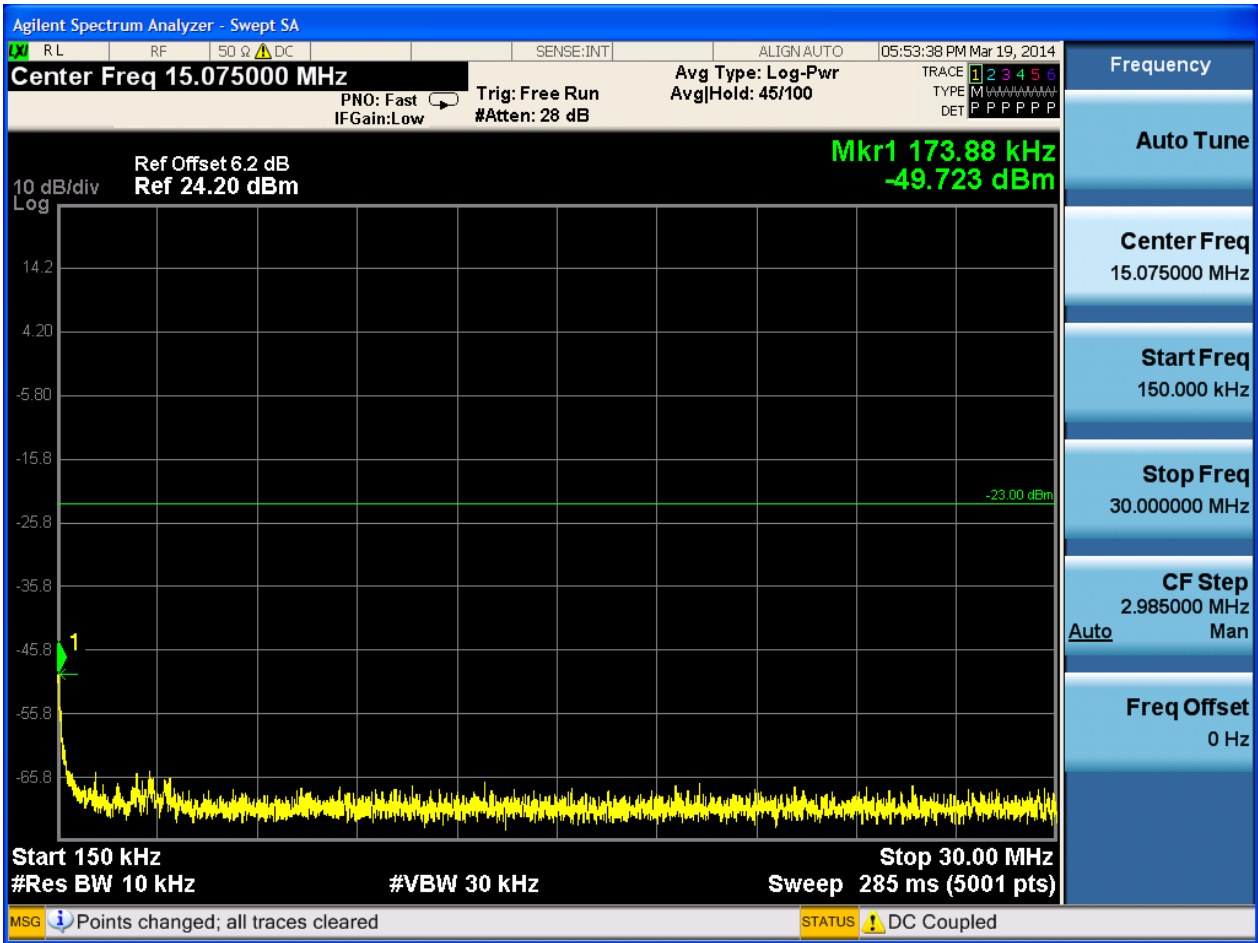


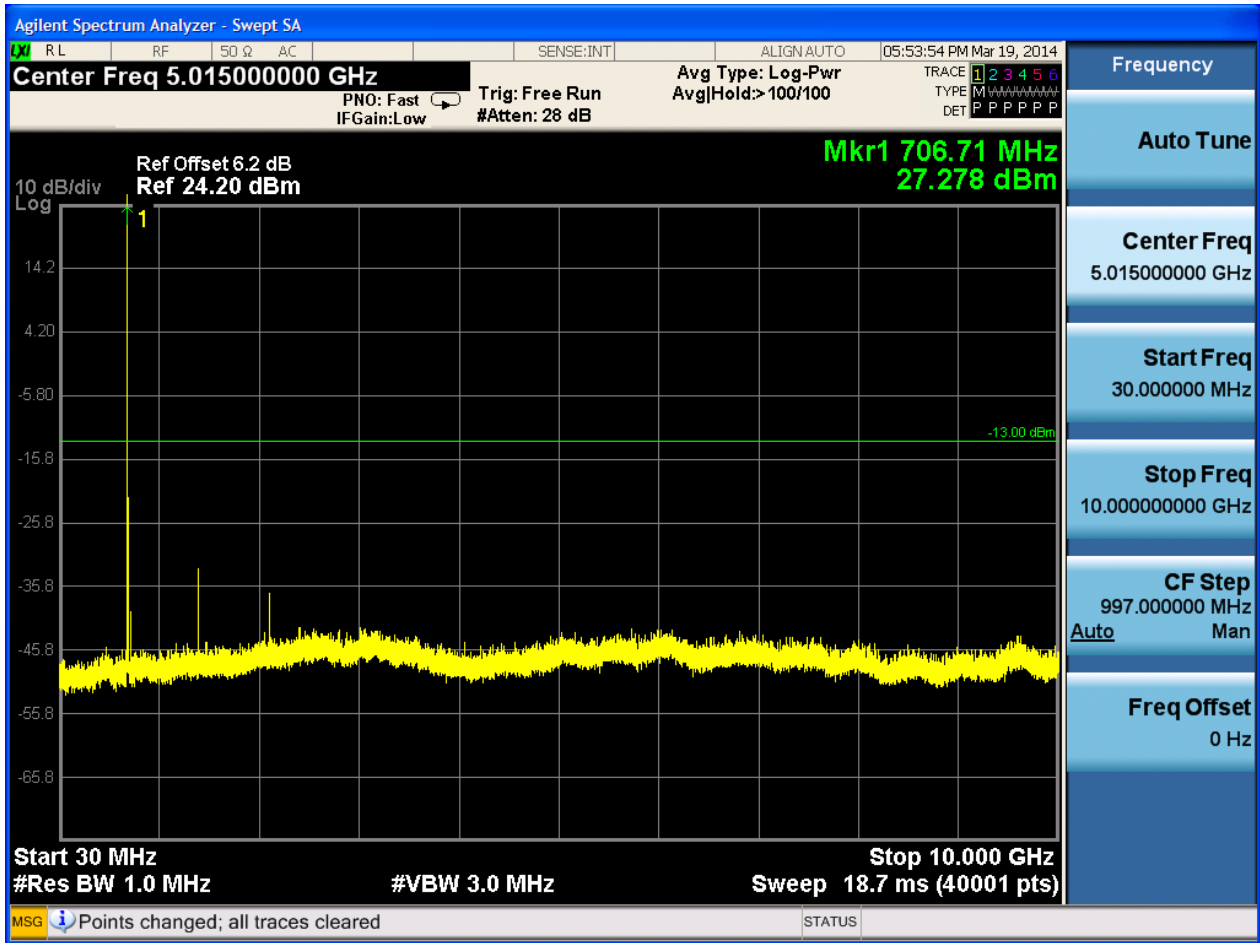


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note:

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

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

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

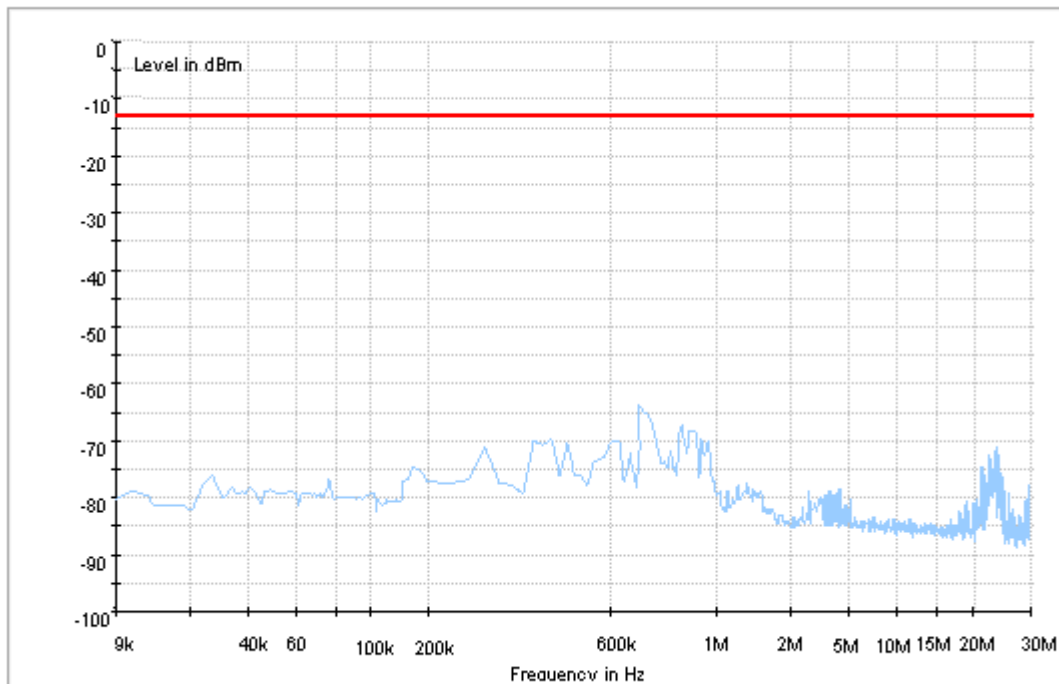
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

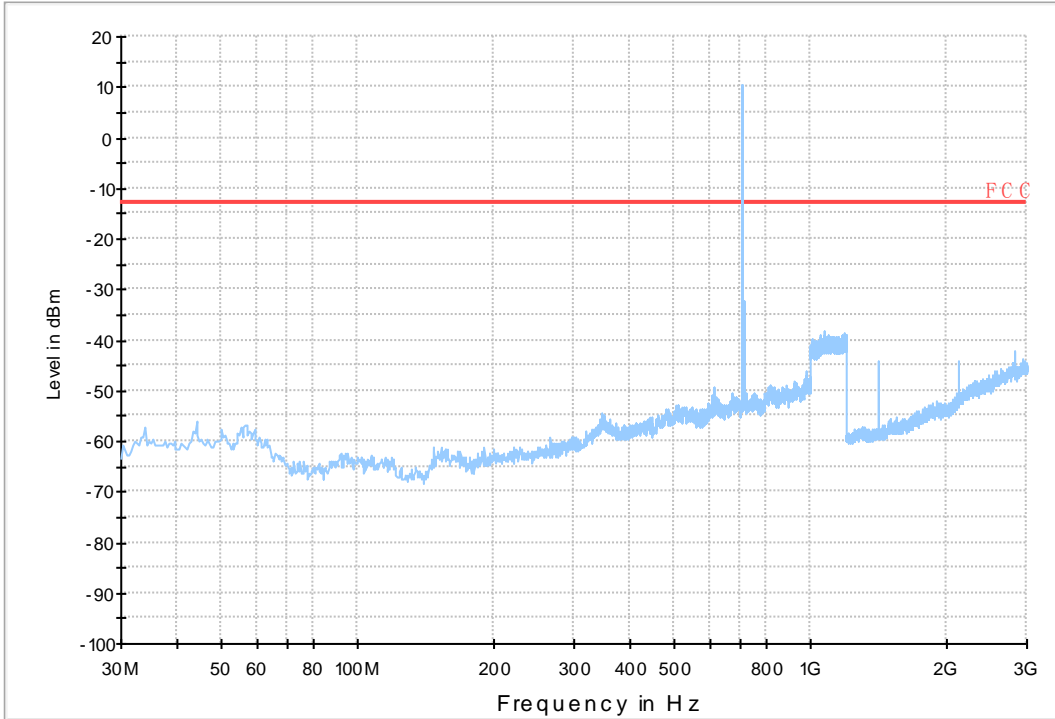
7.1 For LTE

7.1.1 Test Band = BAND17

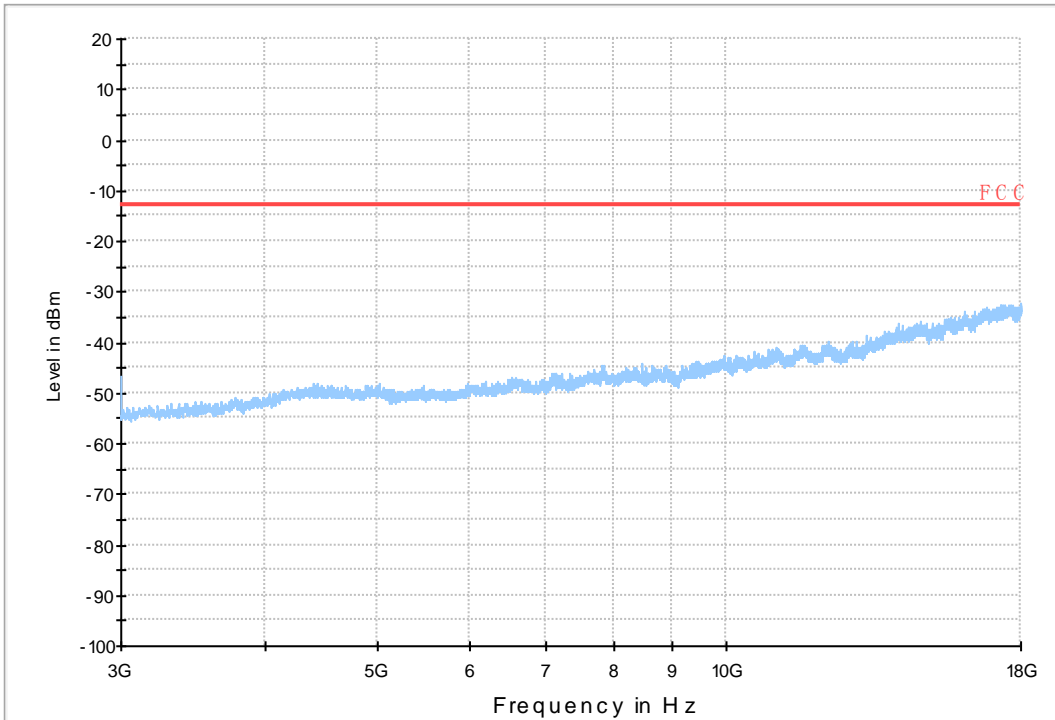
7.1.1.1 Test Bandwidth = 5



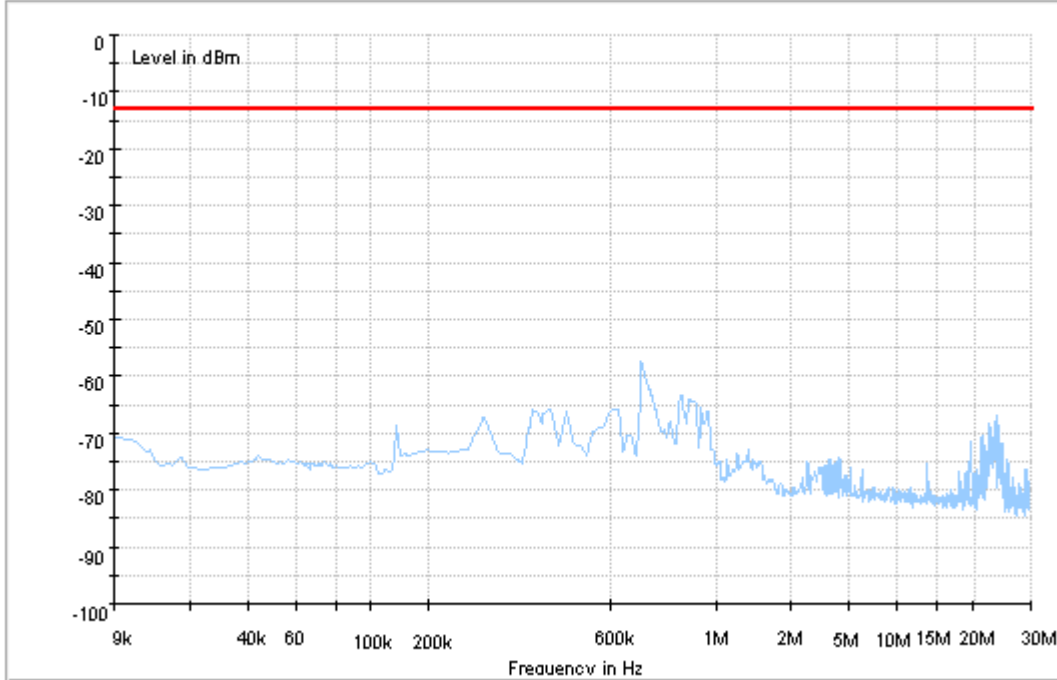
Copy of RSE-TX-DIRECTOR BELOW 1G_L



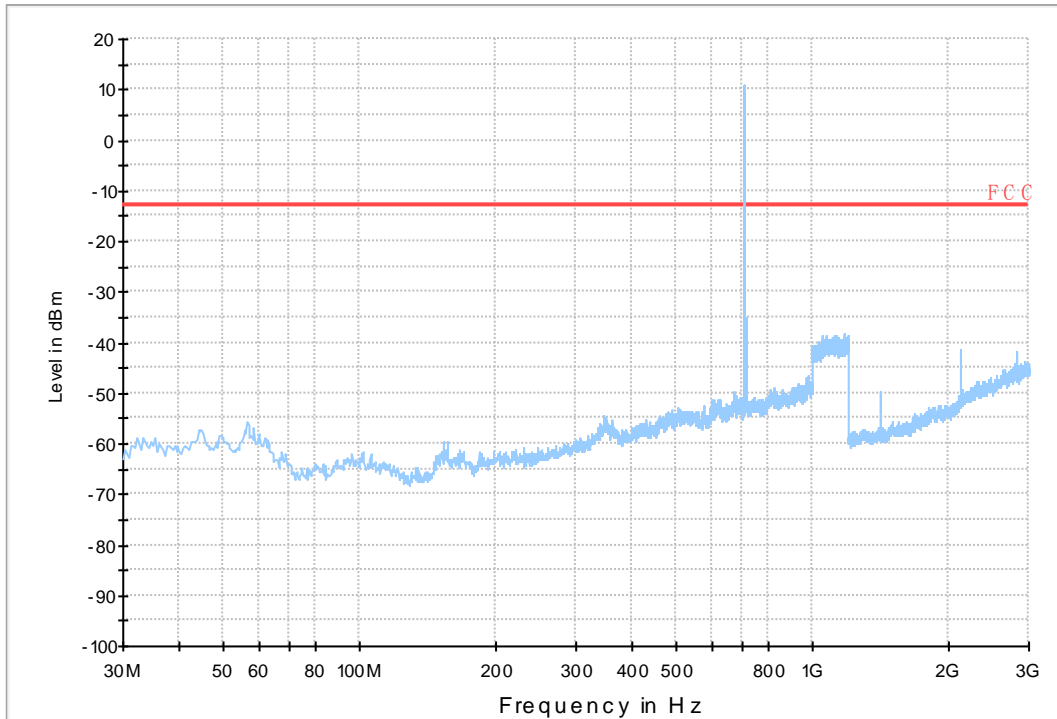
Copy of RSE-TX-DIRECTOR BELOW 1G_H



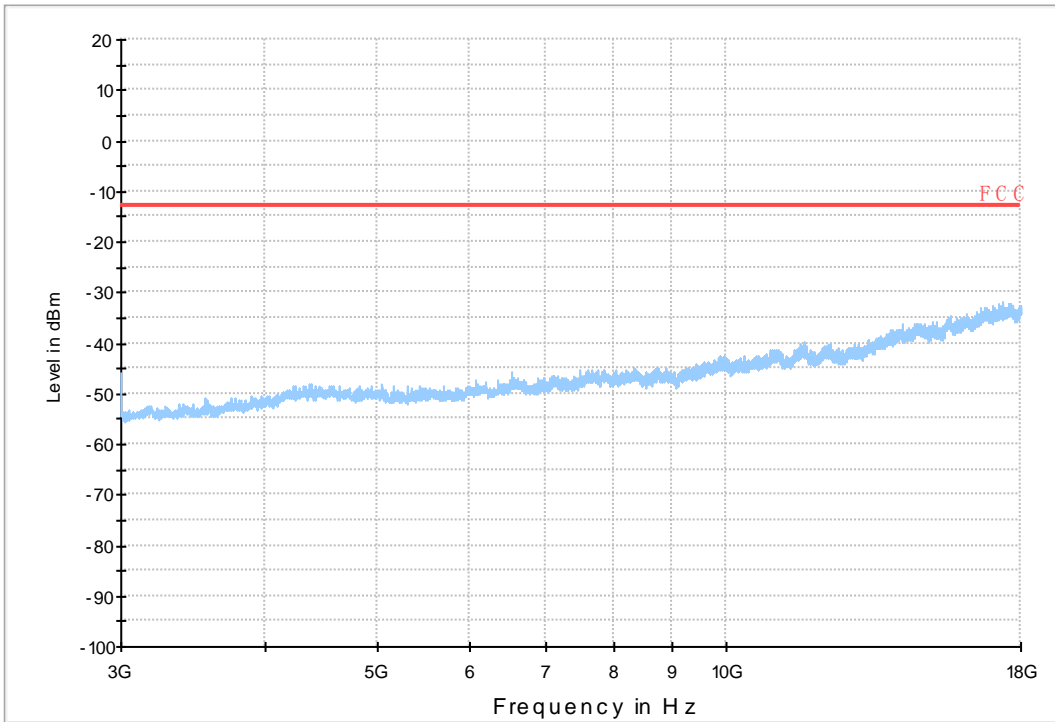
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.3 For LTE

8.3.1 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	-0.54	-0.00076	PASS
					VN	-1.23	-0.00174	PASS
					VH	0.70	0.00099	PASS
			MCH	TN	VL	-0.99	-0.00139	PASS
					VN	-1.33	-0.00187	PASS
					VH	-1.66	-0.00234	PASS
		HCH	TN	VL	-1.17	-0.00164	PASS	
				VN	-1.27	-0.00178	PASS	
				VH	-0.51	-0.00071	PASS	
		10	LCH	TN	VL	-2.47	-0.00348	PASS
					VN	-1.10	-0.00155	PASS
					VH	-0.94	-0.00133	PASS
	MCH		TN	VL	-0.06	-0.00008	PASS	
				VN	-1.57	-0.00221	PASS	
				VH	-2.12	-0.00299	PASS	
	HCH	TN	VL	-0.10	-0.00014	PASS		
			VN	-2.25	-0.00316	PASS		
			VH	-1.26	-0.00177	PASS		
	LTE/TM2	5	LCH	TN	VL	-0.26	-0.00037	PASS
					VN	-2.23	-0.00316	PASS
					VH	-0.80	-0.00113	PASS
			MCH	TN	VL	-0.92	-0.0013	PASS
					VN	-2.93	-0.00413	PASS
					VH	-1.90	-0.00268	PASS
HCH		TN	VL	-3.12	-0.00437	PASS		
			VN	-0.30	-0.00042	PASS		
			VH	-0.70	-0.00098	PASS		
10		LCH	TN	VL	-0.34	-0.00048	PASS	
				VN	-0.80	-0.00113	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VH	0.44	0.00062	PASS
					VL	-1.79	-0.00252	PASS
					VN	-0.40	-0.00056	PASS
					VH	-0.04	-0.00006	PASS
			HCH	TN	VL	-2.43	-0.00342	PASS
					VN	-1.13	-0.00159	PASS
					VH	-1.62	-0.00228	PASS

8.3.2 Frequency Error vs. Temperature:

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	VN	-30	-1.54	-0.00218	PASS
					-20	-1.19	-0.00168	PASS
					-10	-1.47	-0.00208	PASS
					0	-1.10	-0.00156	PASS
					10	0.23	0.00033	PASS
					20	-1.92	-0.00272	PASS
					30	-2.47	-0.0035	PASS
					40	-1.19	-0.00168	PASS
					50	-1.22	-0.00173	PASS
			MCH	VN	-30	0.46	0.00065	PASS
					-20	-0.51	-0.00072	PASS
					-10	-1.66	-0.00234	PASS
					0	0.56	0.00079	PASS
					10	-0.23	-0.00032	PASS
					20	-0.99	-0.00139	PASS
					30	-1.69	-0.00238	PASS
					40	-1.44	-0.00203	PASS
					50	-1.57	-0.00221	PASS
			HCH	VN	-30	-1.30	-0.00182	PASS
					-20	-1.33	-0.00186	PASS
					-10	-1.65	-0.00231	PASS
					0	-0.76	-0.00107	PASS
					10	-2.26	-0.00317	PASS
					20	-1.40	-0.00196	PASS
30	-1.26	-0.00177			PASS			
40	-0.60	-0.00084	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	LCH	VN	50	-1.13	-0.00158	PASS
					-30	-0.44	-0.00062	PASS
					-20	1.43	0.00202	PASS
					-10	-0.74	-0.00104	PASS
					0	0.36	0.00051	PASS
					10	-2.00	-0.00282	PASS
					20	-0.80	-0.00113	PASS
					30	-0.72	-0.00102	PASS
			40	-0.86	-0.00121	PASS		
			50	-1.83	-0.00258	PASS		
			MCH	VN	-30	-1.04	-0.00146	PASS
					-20	-1.80	-0.00254	PASS
					-10	-0.94	-0.00132	PASS
					0	-1.00	-0.00141	PASS
					10	0.36	0.00051	PASS
					20	-0.40	-0.00056	PASS
					30	-1.87	-0.00263	PASS
					40	-0.16	-0.00023	PASS
			50	-1.32	-0.00186	PASS		
			HCH	VN	-30	-0.30	-0.00042	PASS
					-20	-0.39	-0.00055	PASS
					-10	-3.02	-0.00425	PASS
					0	-0.51	-0.00072	PASS
					10	-1.54	-0.00217	PASS
	20	-0.66			-0.00093	PASS		
	30	-0.64			-0.0009	PASS		
	40	-2.56			-0.0036	PASS		
	50	-2.19	-0.00308	PASS				
	LTE/TM2	5	LCH	VN	-30	-1.07	-0.00151	PASS
					-20	-1.32	-0.00187	PASS
					-10	-1.75	-0.00248	PASS
					0	-2.13	-0.00301	PASS
10					-0.21	-0.0003	PASS	
20					-0.03	-0.00004	PASS	
30					-1.46	-0.00207	PASS	
40					-0.46	-0.00065	PASS	
50			-0.54	-0.00076	PASS			
MCH			VN	-30	-0.46	-0.00065	PASS	
	-20	-1.09		-0.00154	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	-0.07	-0.0001	PASS		
					0	-1.46	-0.00206	PASS		
					10	-1.22	-0.00172	PASS		
					20	-1.04	-0.00146	PASS		
					30	-0.97	-0.00137	PASS		
					40	-1.60	-0.00225	PASS		
					50	-0.51	-0.00072	PASS		
			HCH	VN	-30	-0.46	-0.00064	PASS		
					-20	-0.69	-0.00097	PASS		
					-10	-0.26	-0.00036	PASS		
					0	-0.73	-0.00102	PASS		
					10	-1.77	-0.00248	PASS		
					20	-1.22	-0.00171	PASS		
					30	-0.93	-0.0013	PASS		
					40	0.00	0	PASS		
					50	-1.93	-0.0027	PASS		
					LCH	VN	-30	-0.64	-0.0009	PASS
							-20	-1.67	-0.00236	PASS
							-10	-1.63	-0.0023	PASS
							0	-0.06	-0.00008	PASS
		10	-2.20	-0.0031			PASS			
		20	-0.50	-0.00071			PASS			
		30	0.34	0.00048			PASS			
		40	-0.10	-0.00014			PASS			
		50	-0.51	-0.00072			PASS			
		MCH	VN	-30			-2.26	-0.00318	PASS	
				-20	-1.10	-0.00155	PASS			
				-10	-0.99	-0.00139	PASS			
				0	0.29	0.00041	PASS			
				10	-1.00	-0.00141	PASS			
				20	-3.10	-0.00437	PASS			
				30	-0.11	-0.00015	PASS			
				40	1.12	0.00158	PASS			
				50	-0.51	-0.00072	PASS			
		HCH	VN	-30	-0.84	-0.00118	PASS			
				-20	-0.36	-0.00051	PASS			
				-10	-1.52	-0.00214	PASS			
				0	0.09	0.00013	PASS			
				10	-0.82	-0.00115	PASS			
		10					-30	-0.64	-0.0009	PASS
-20	-1.67						-0.00236	PASS		
-10	-1.63						-0.0023	PASS		
0	-0.06						-0.00008	PASS		
10	-2.20						-0.0031	PASS		
							-20	-0.50	-0.00071	PASS
							30	0.34	0.00048	PASS
							40	-0.10	-0.00014	PASS
							50	-0.51	-0.00072	PASS
							-30	-2.26	-0.00318	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-0.39	-0.00055	PASS
					30	-1.33	-0.00187	PASS
					40	-0.33	-0.00046	PASS
					50	-0.49	-0.00069	PASS

END