

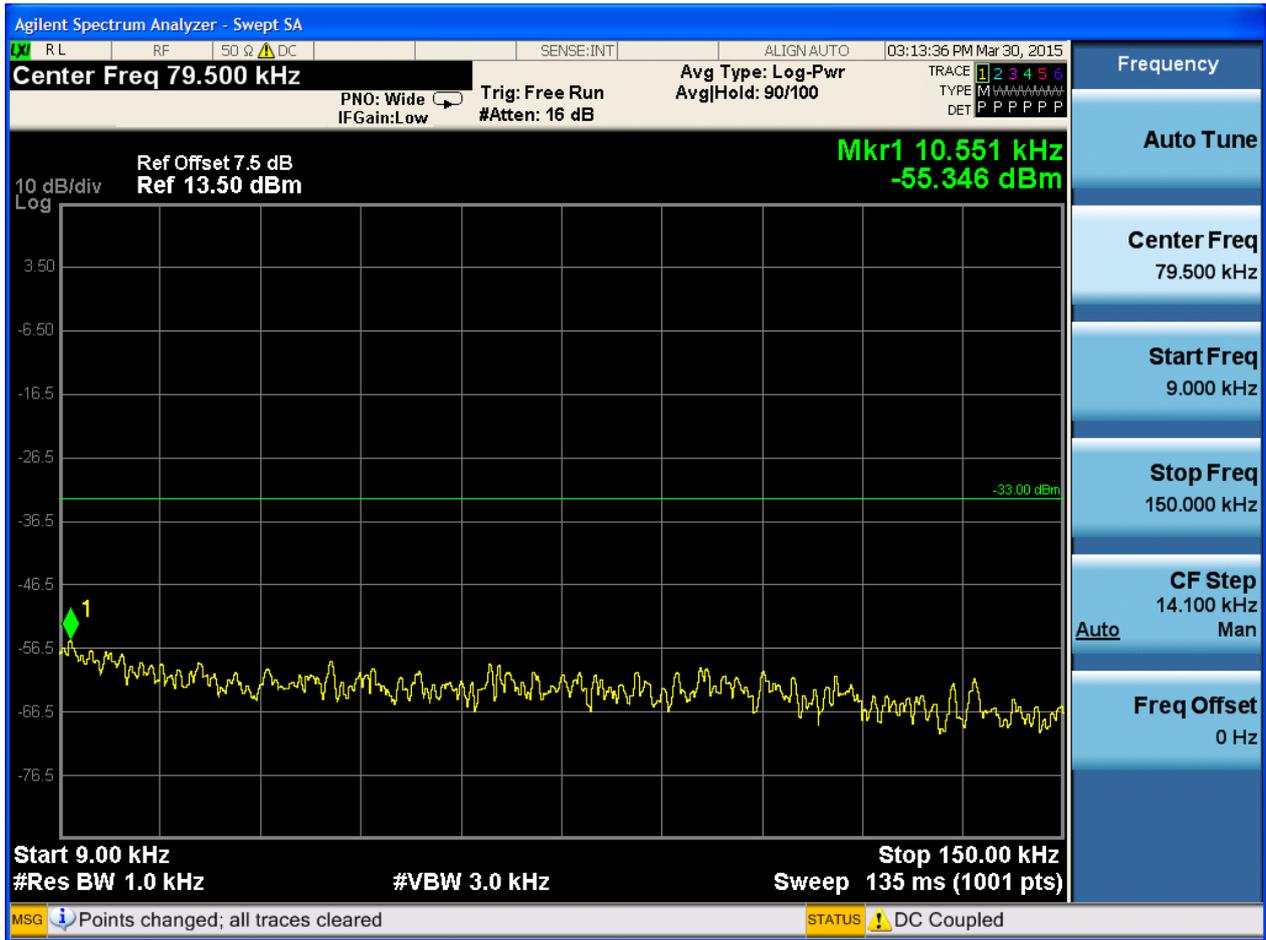


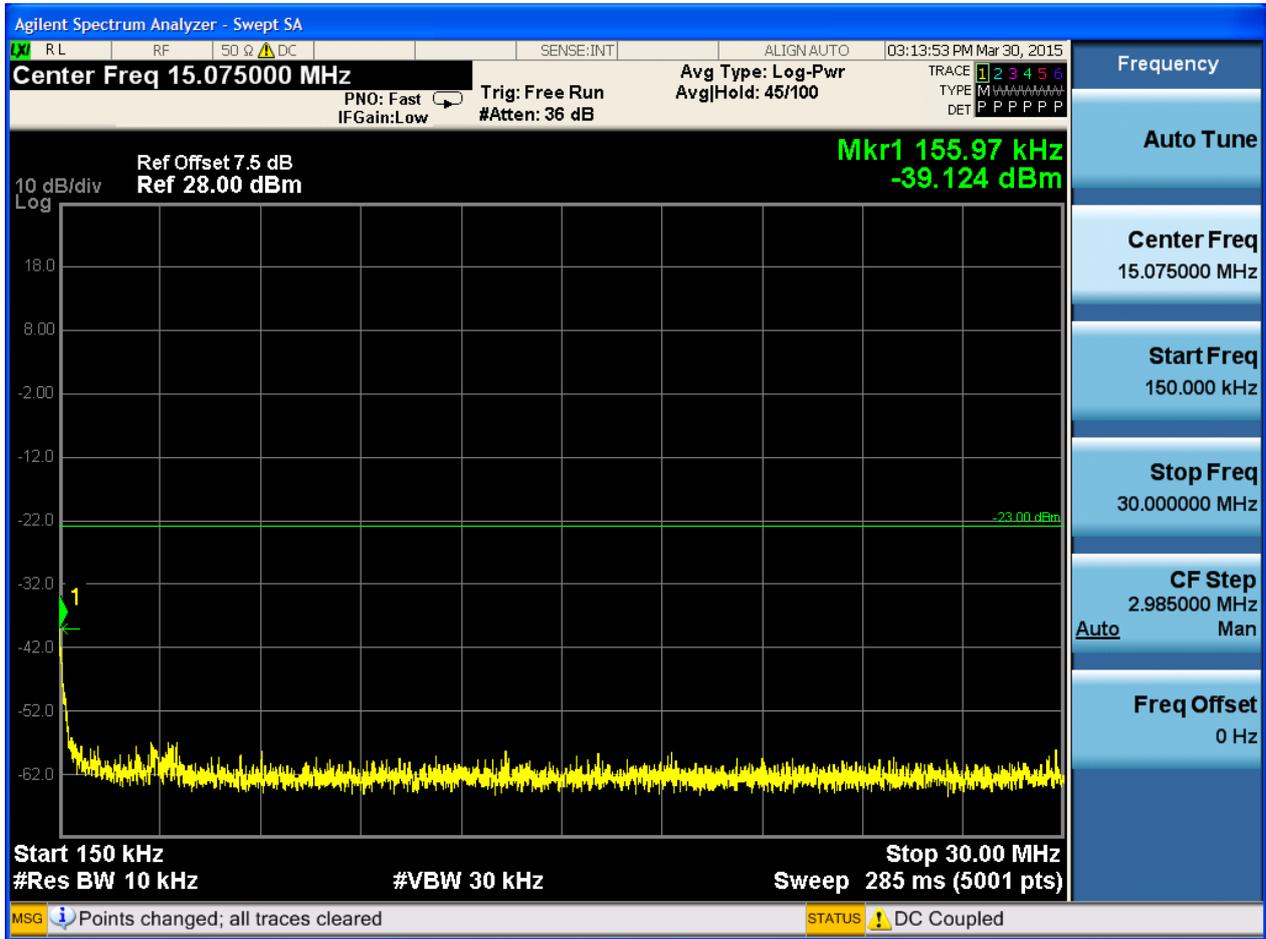
6.3.4.2 Test Mode = LTE/TM2

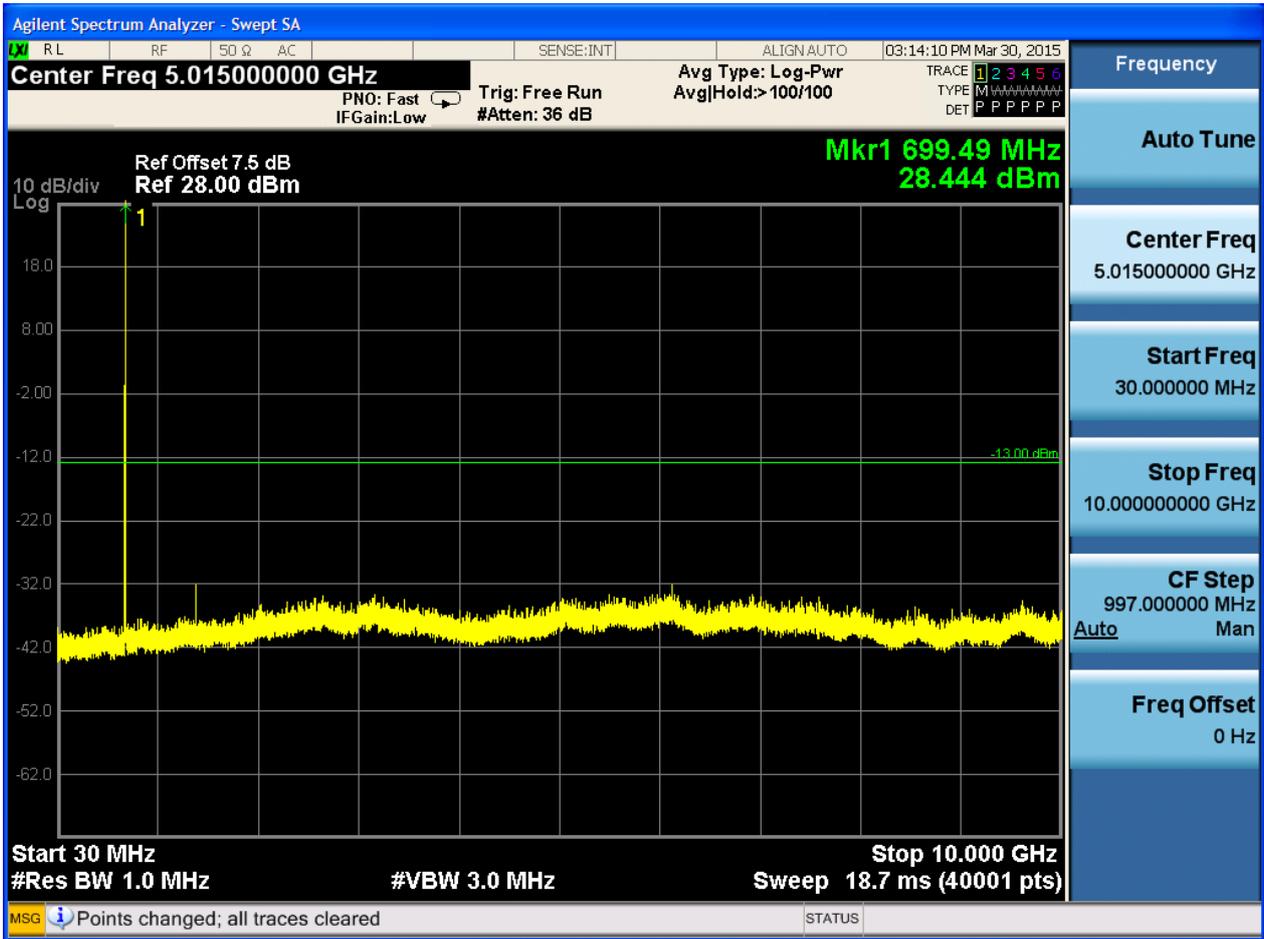
6.3.4.2.1 Test Bandwidth = 1.4

6.3.4.2.1.1 Test Channel = LCH

6.3.4.2.1.1.1 Test RB = RB1#0



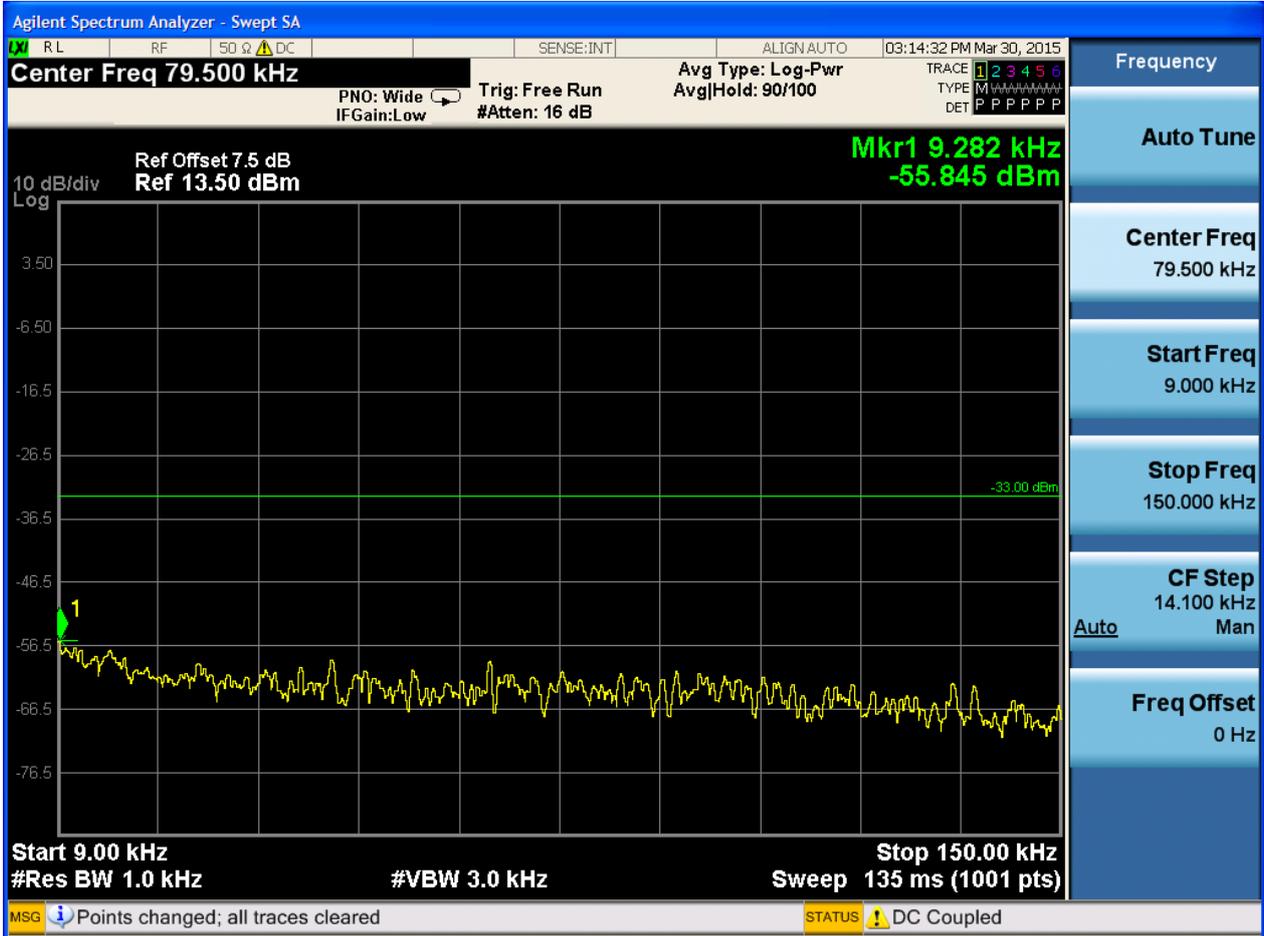


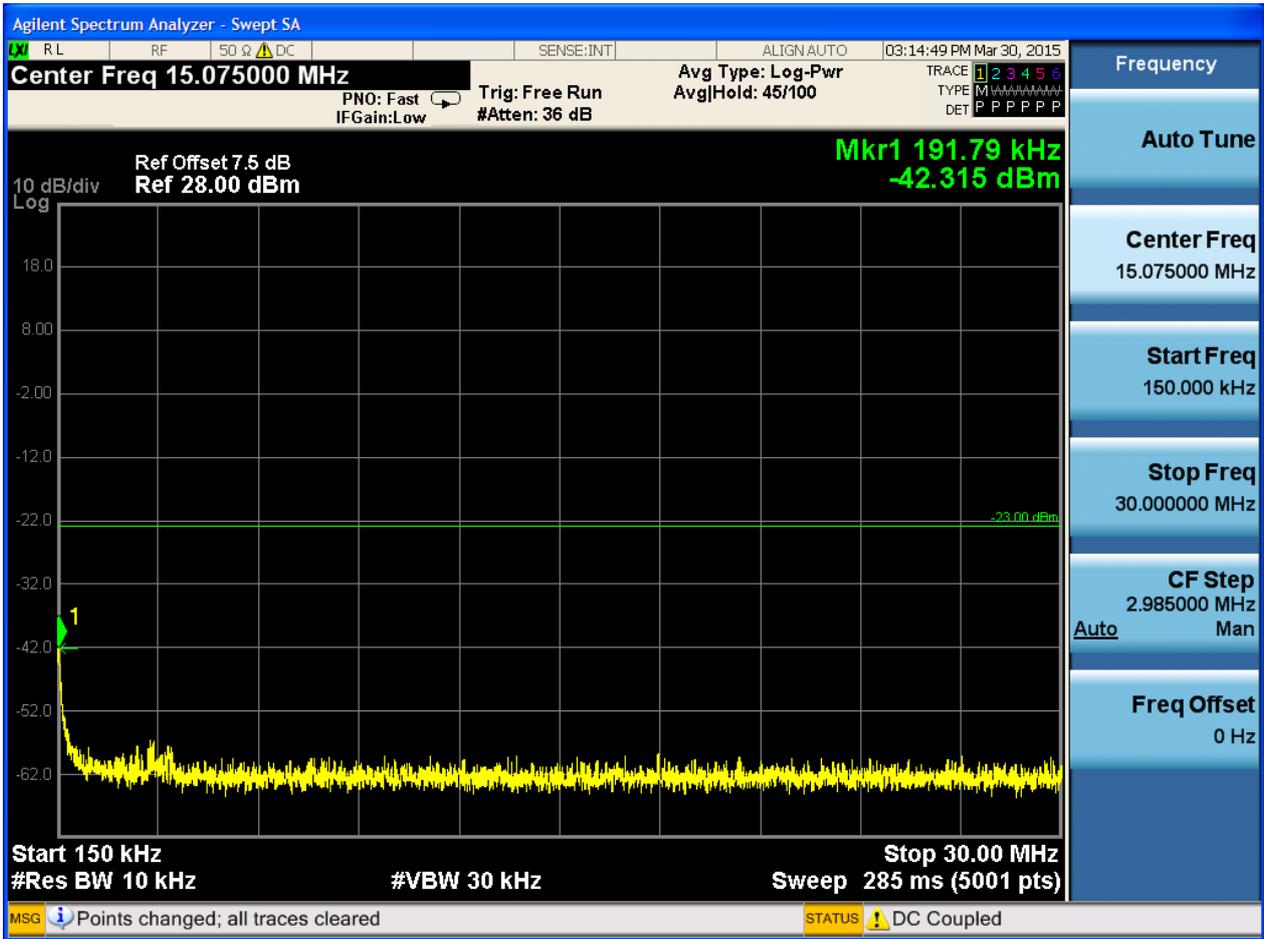


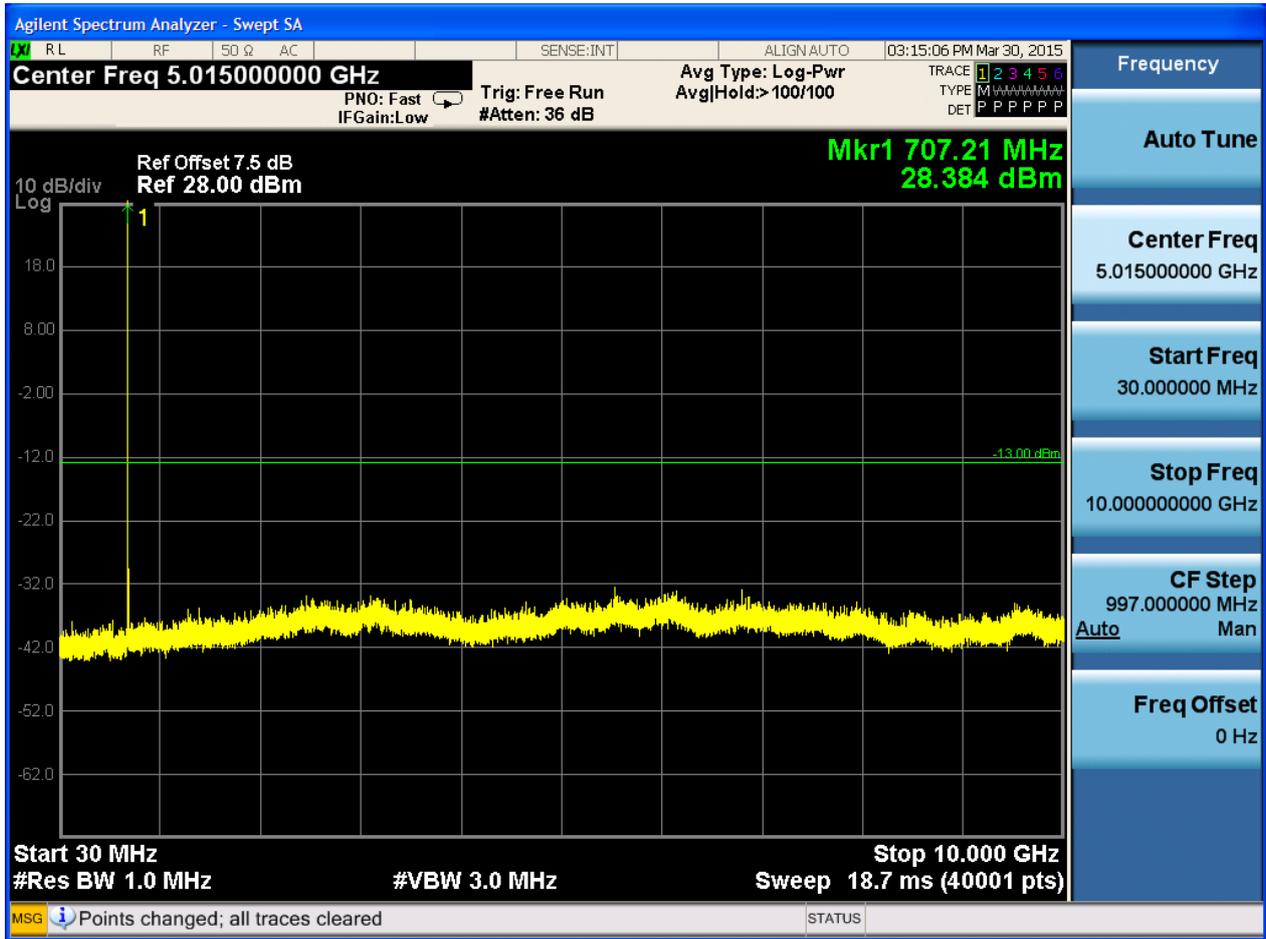


6.3.4.2.1.2 Test Channel = MCH

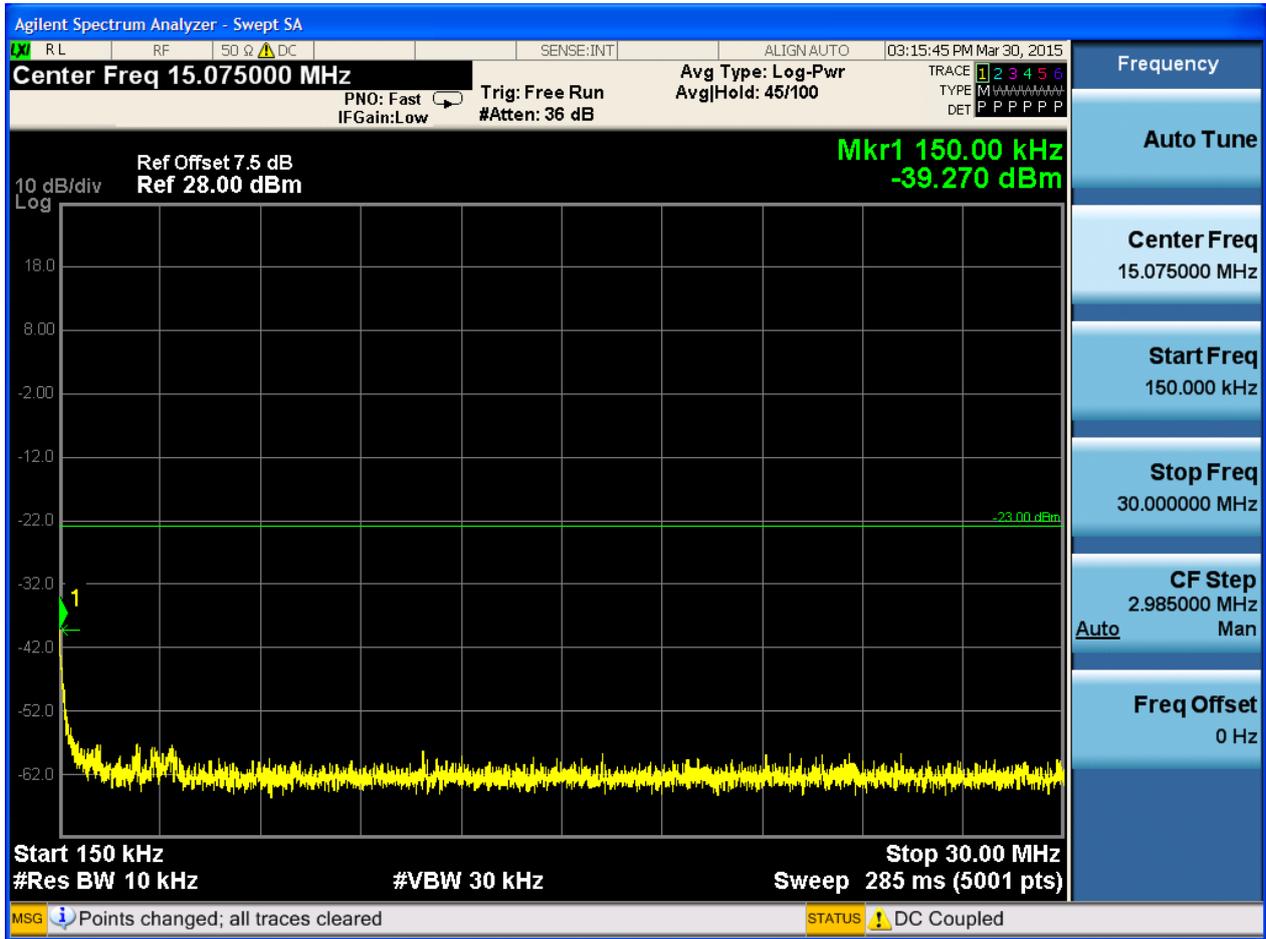
6.3.4.2.1.2.1 Test RB = RB1#0

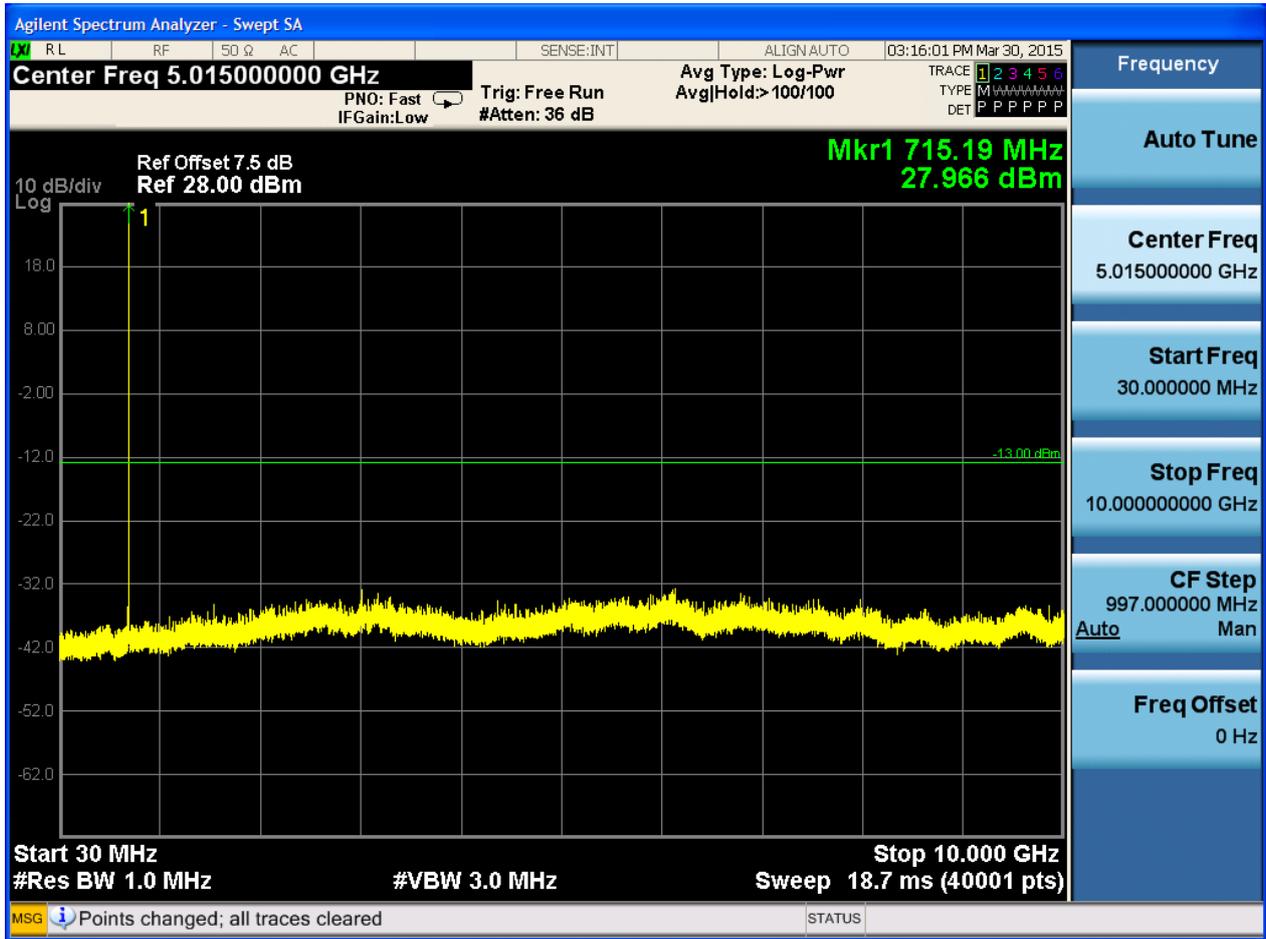










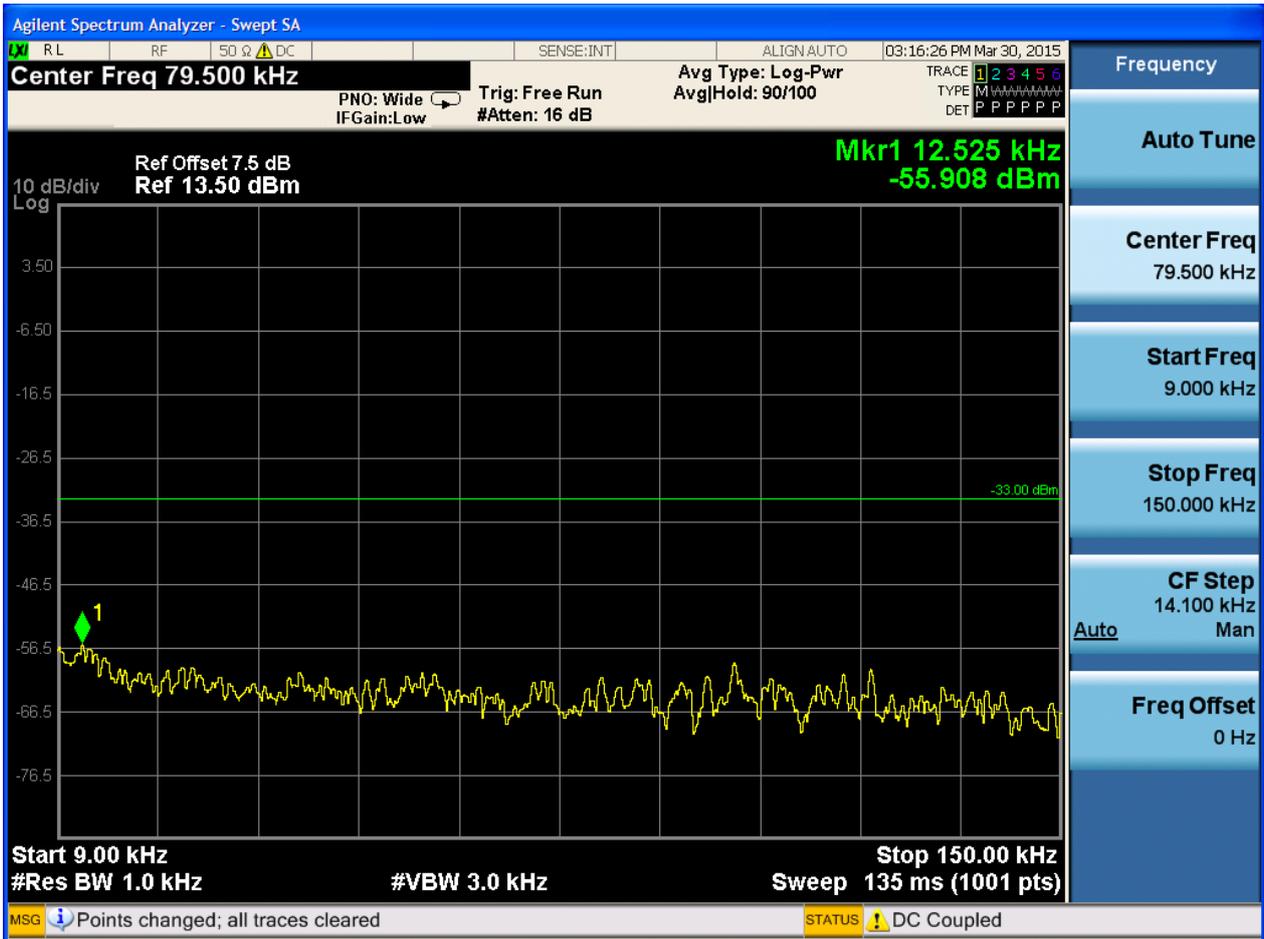


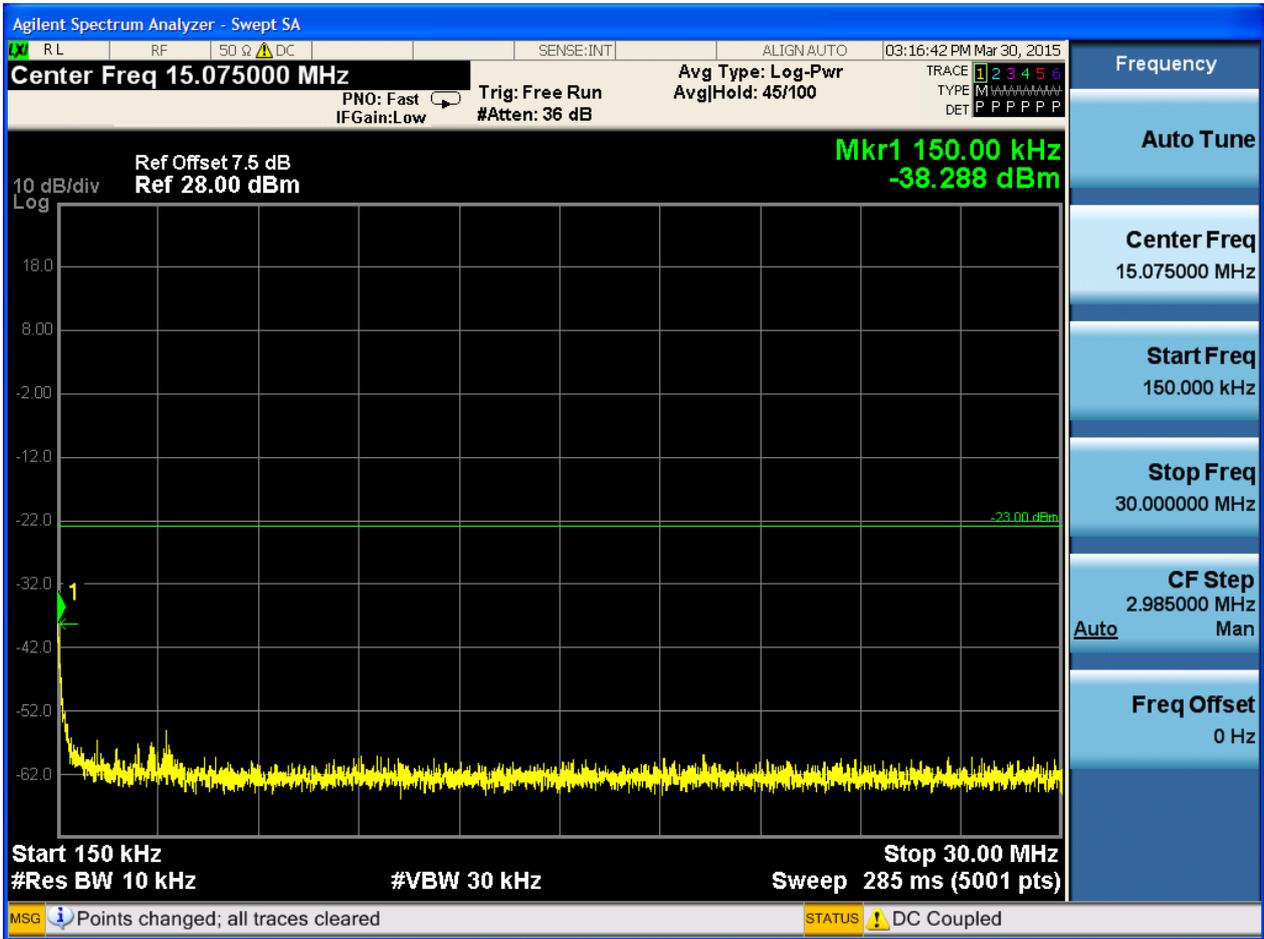


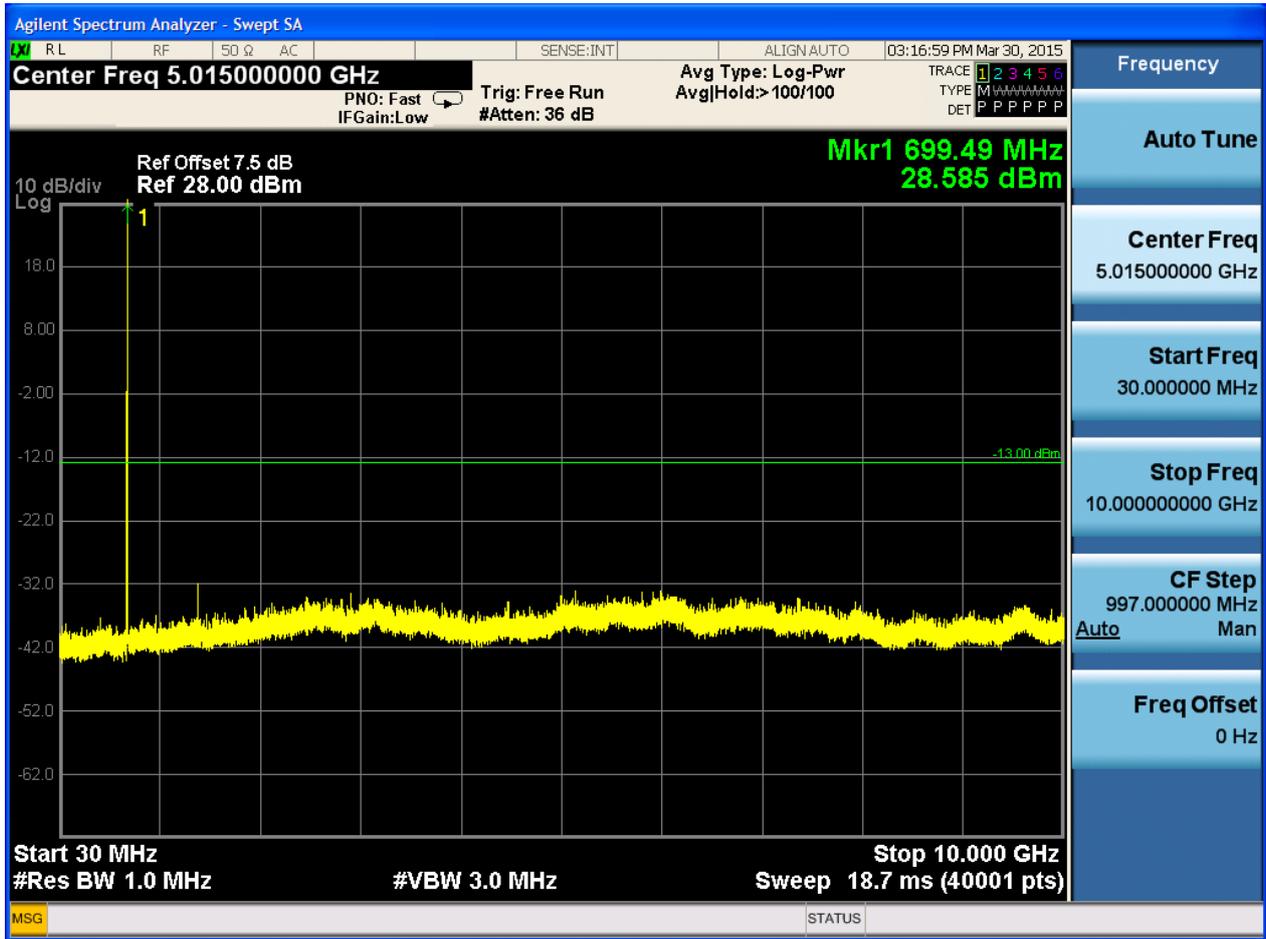
6.3.4.2.2 Test Bandwidth = 3

6.3.4.2.2.1 Test Channel = LCH

6.3.4.2.2.1.1 Test RB = RB1#0



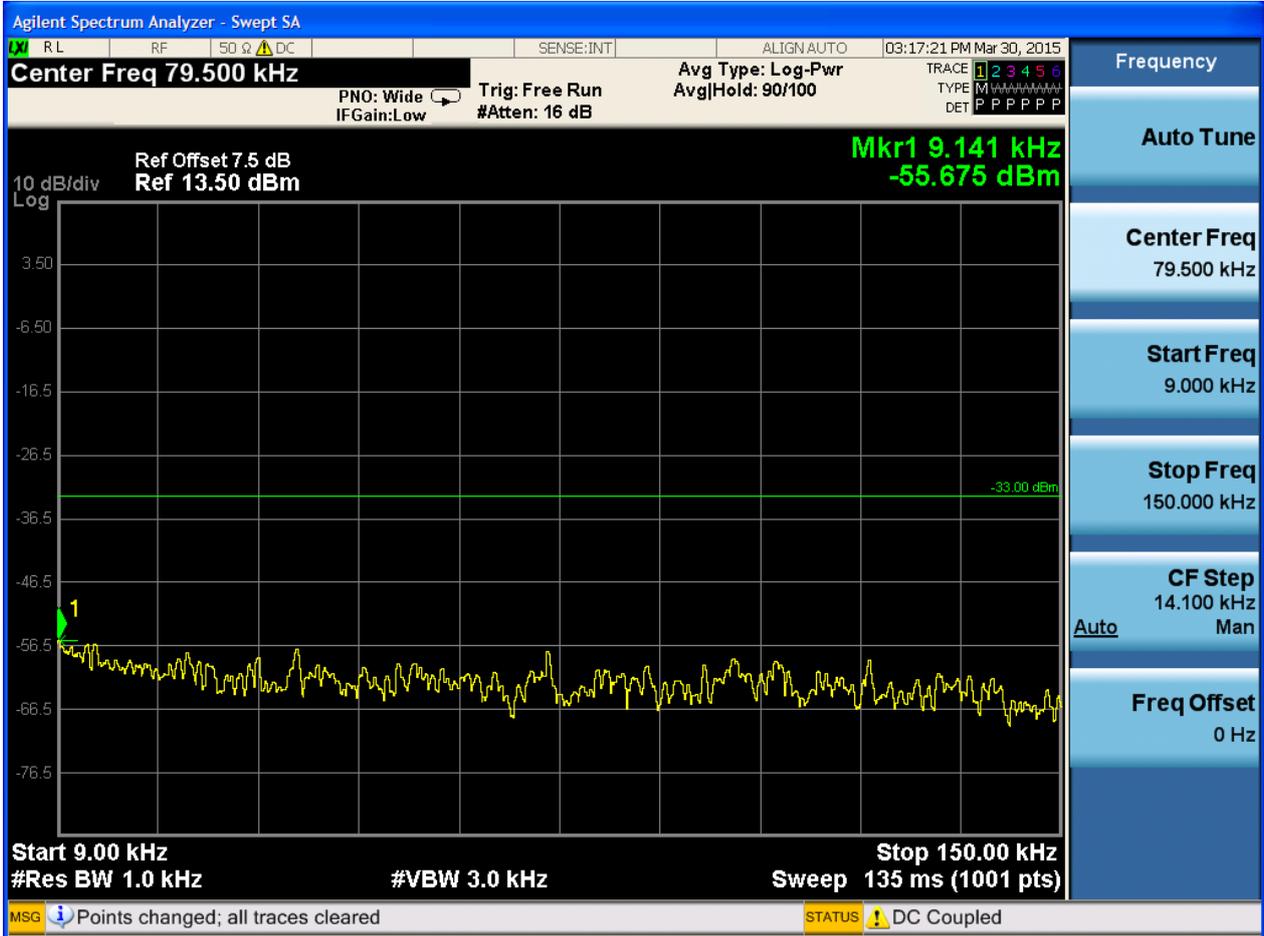


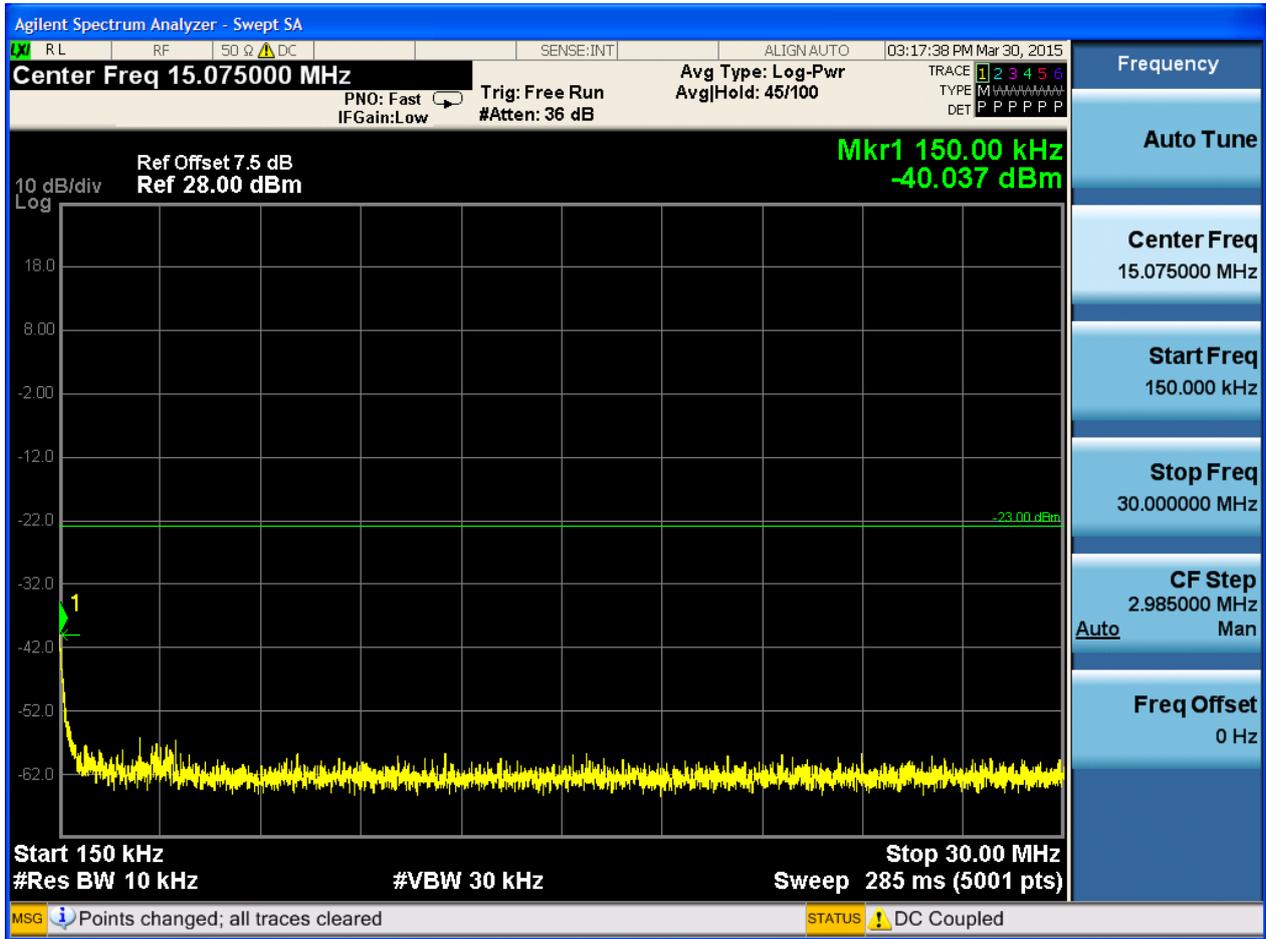


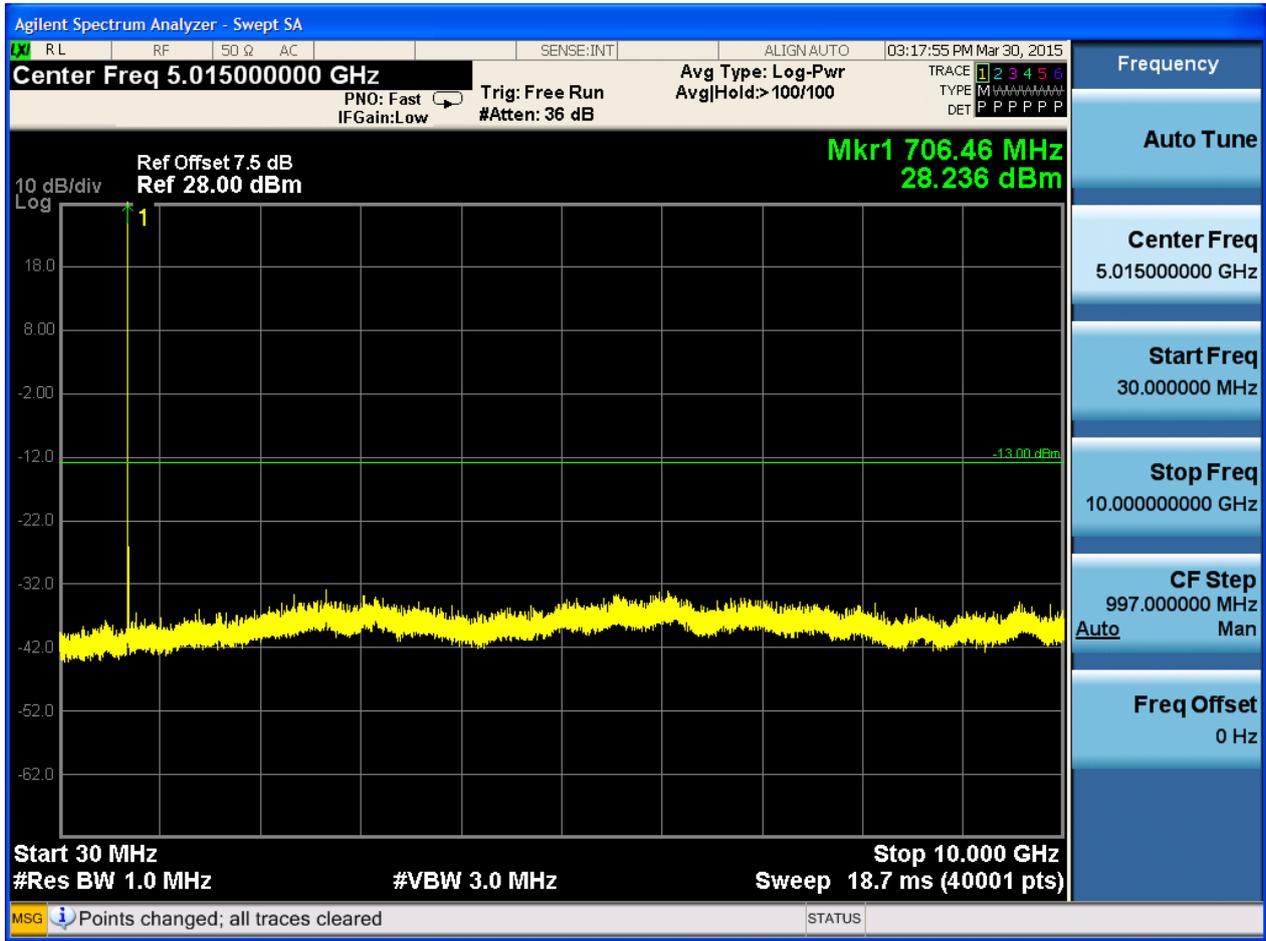


6.3.4.2.2 Test Channel = MCH

6.3.4.2.2.1 Test RB = RB1#0



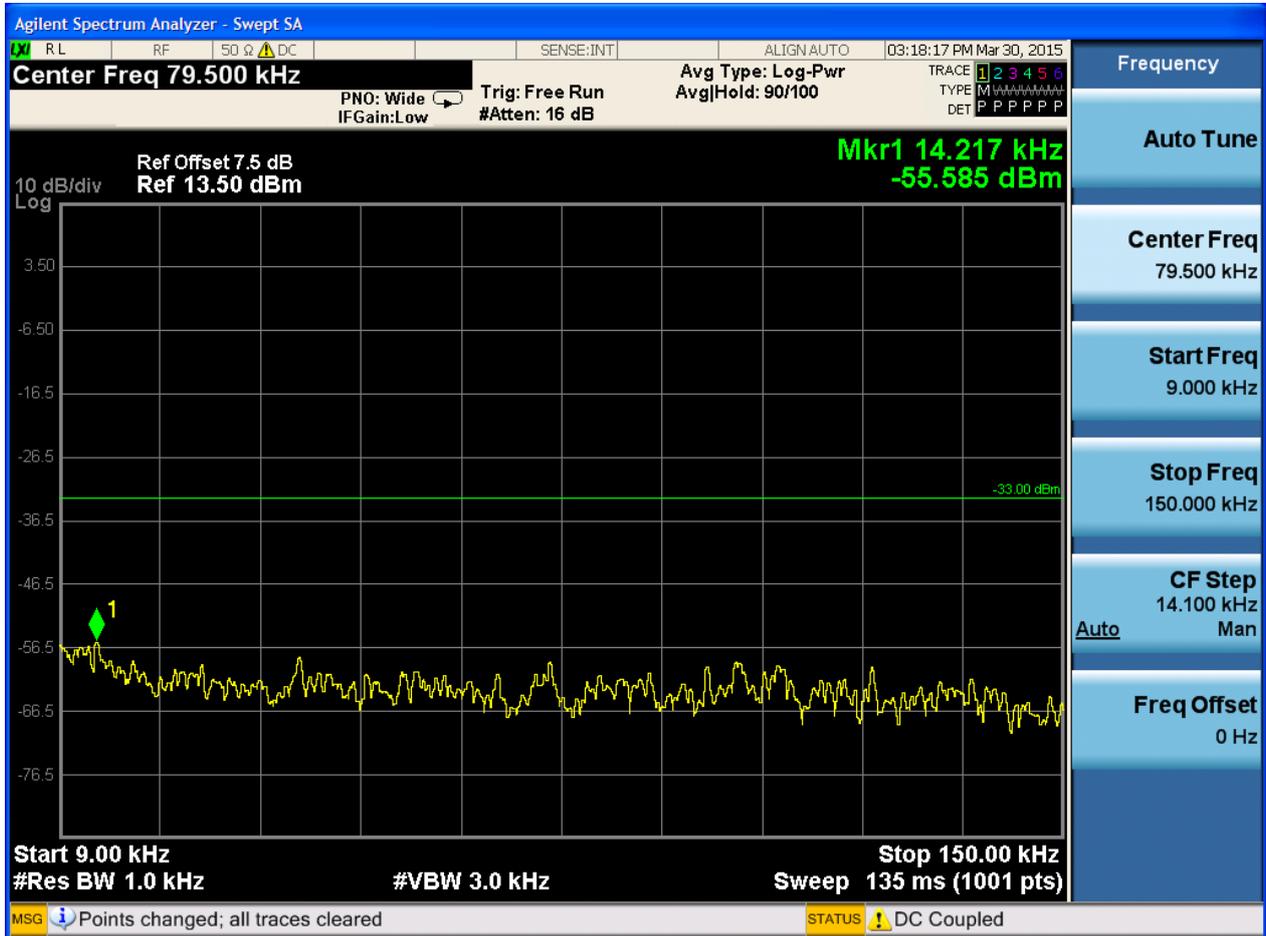


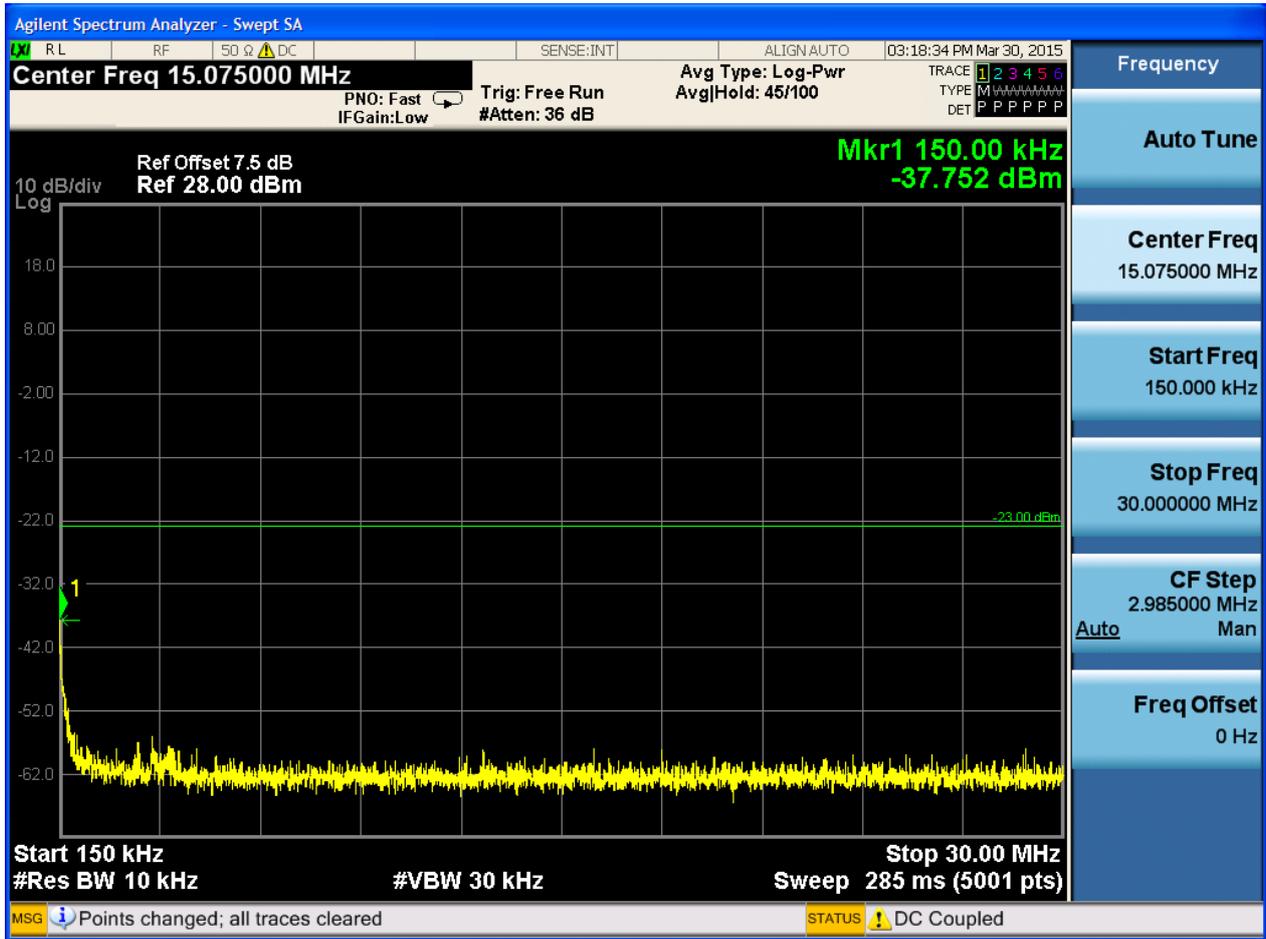


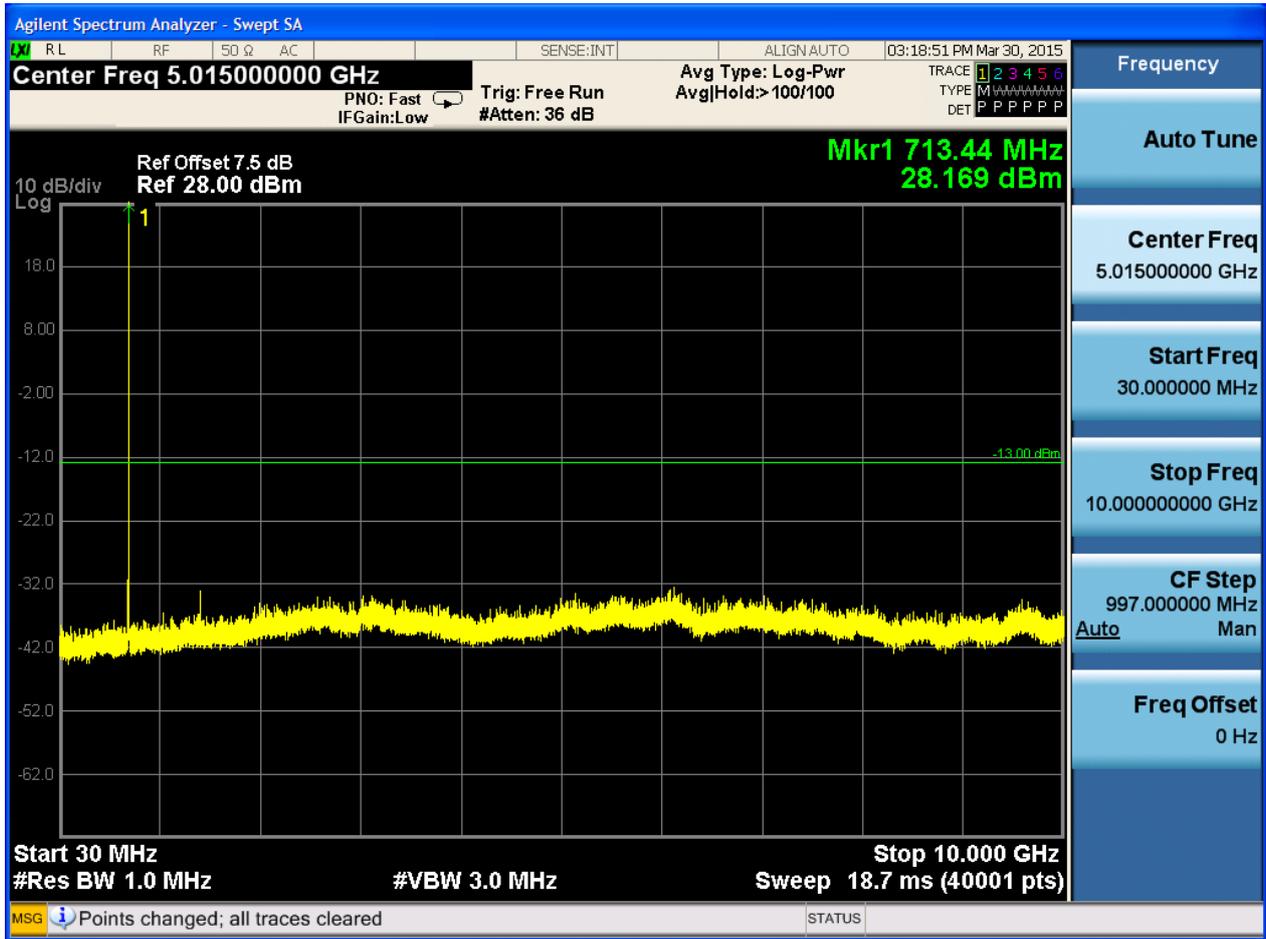


6.3.4.2.2.3 Test Channel = HCH

6.3.4.2.2.3.1 Test RB = RB1#0





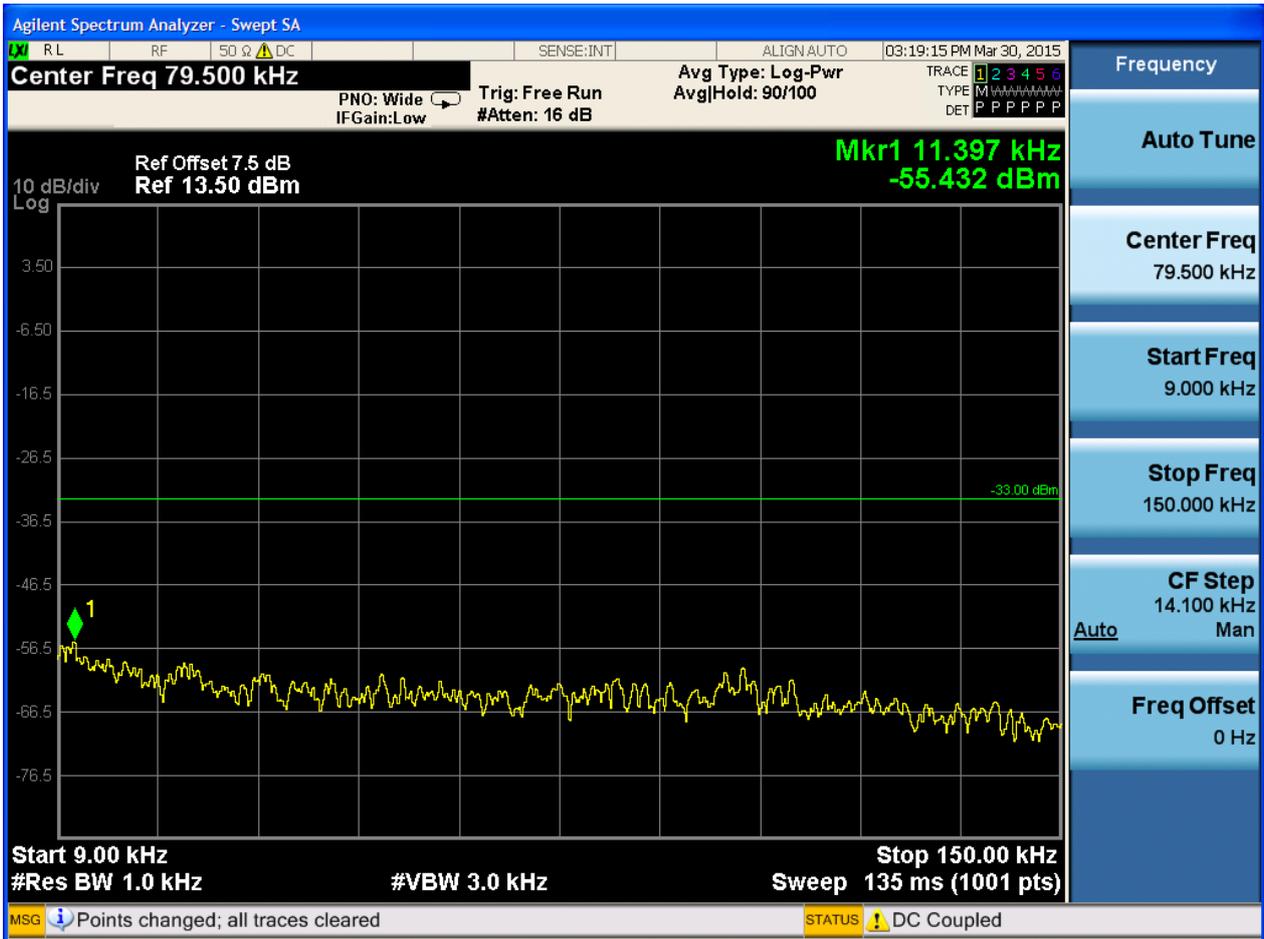


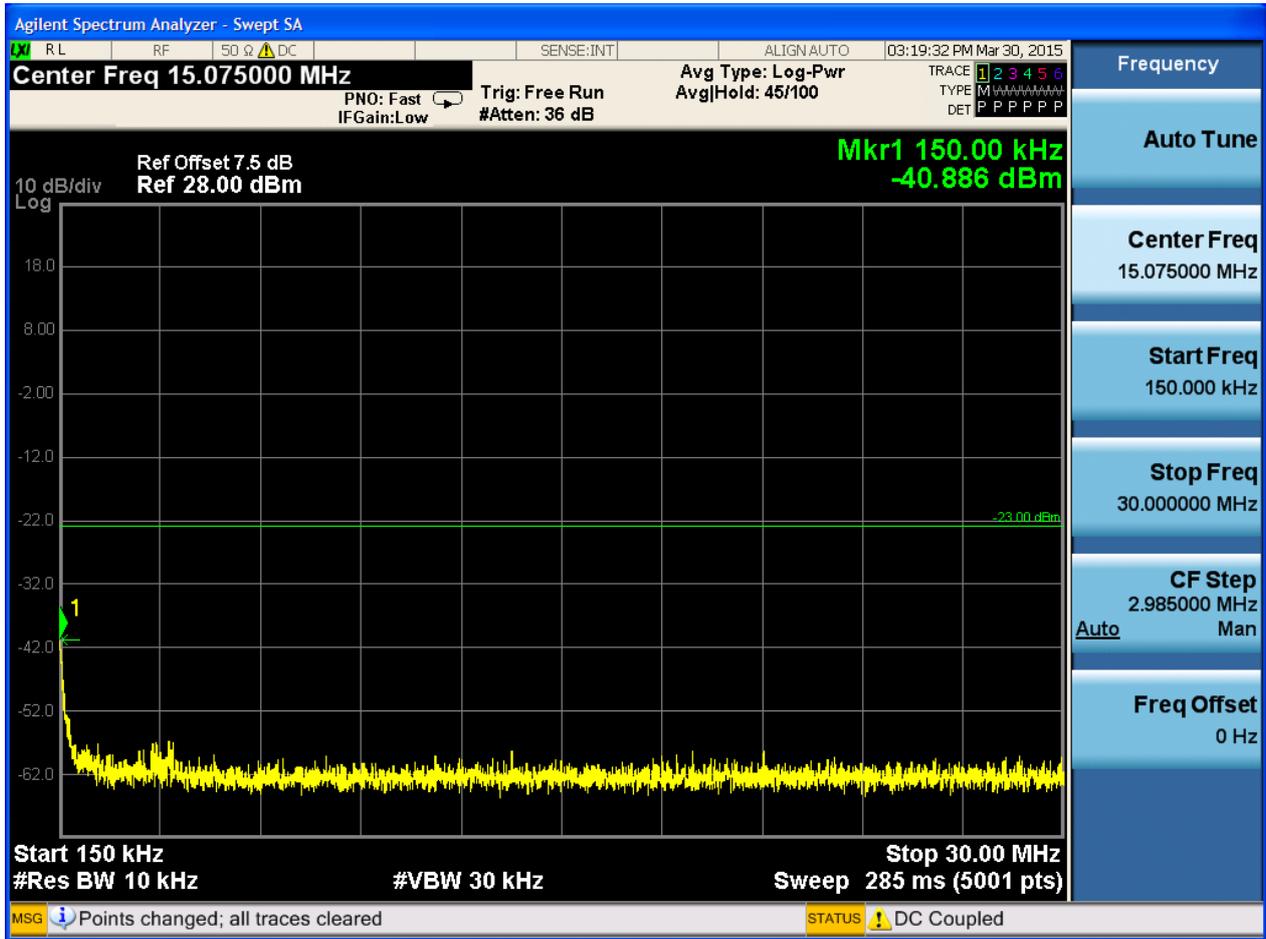


6.3.4.2.3 Test Bandwidth = 5

6.3.4.2.3.1 Test Channel = LCH

6.3.4.2.3.1.1 Test RB = RB1#0



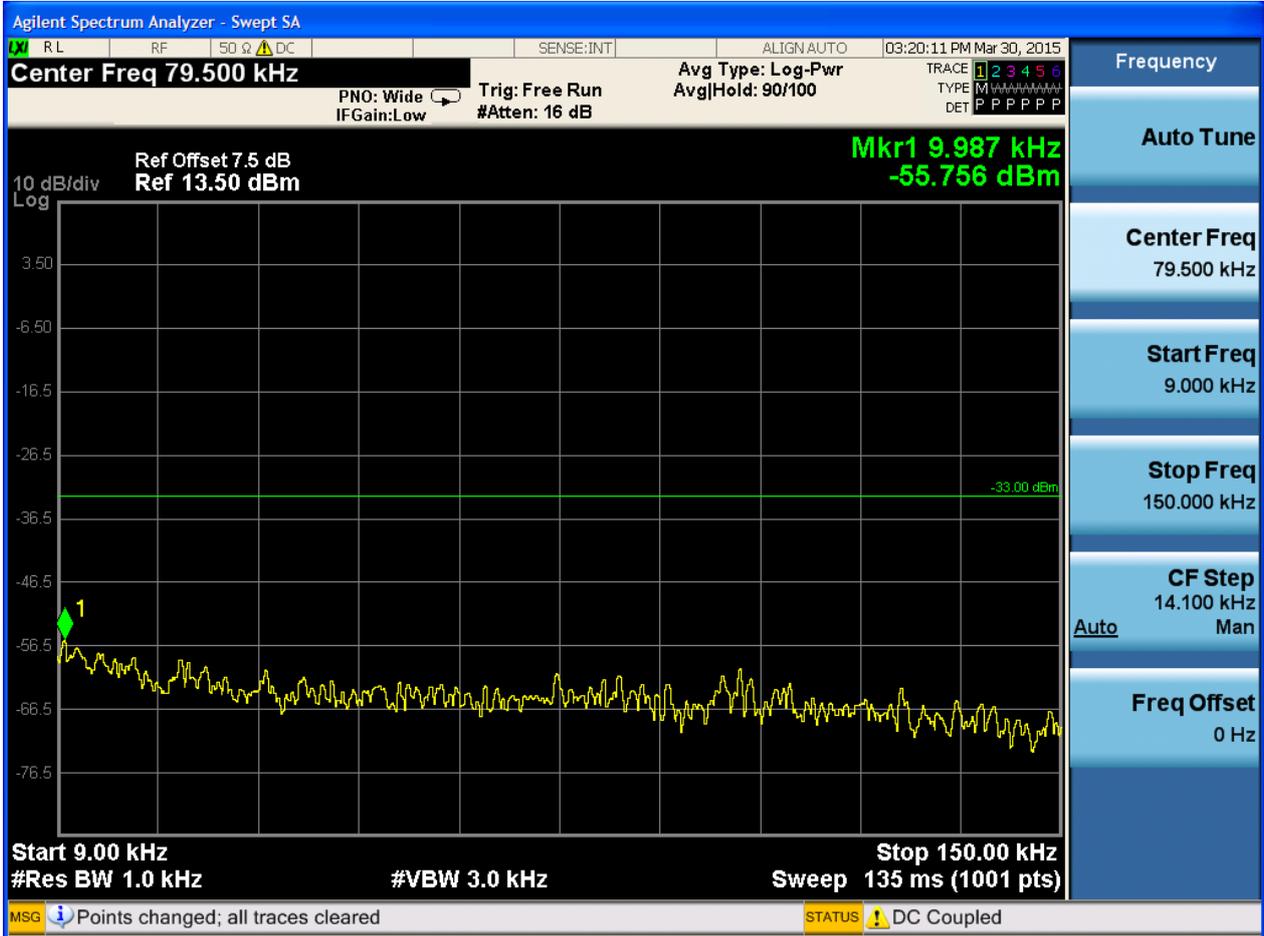


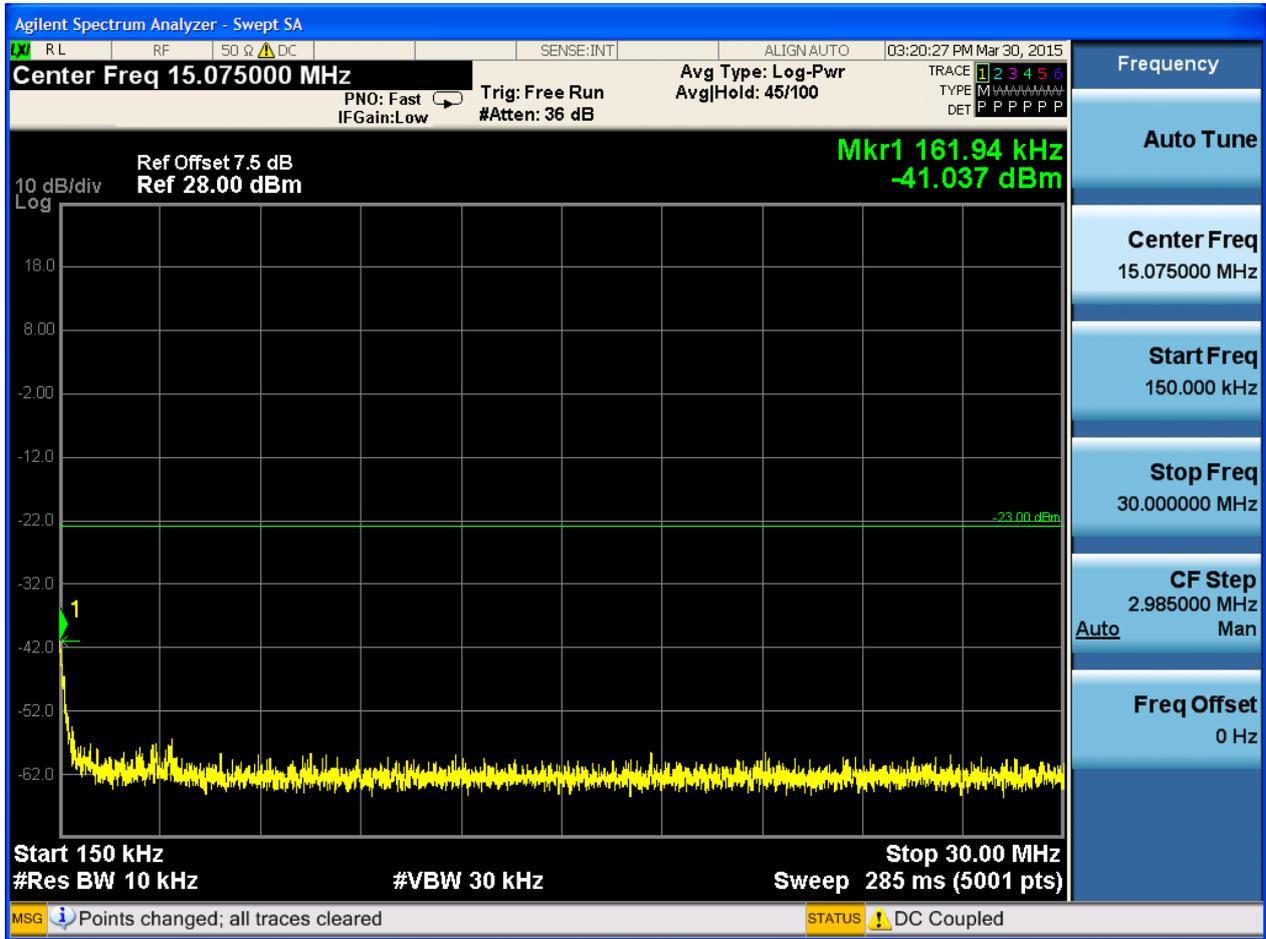


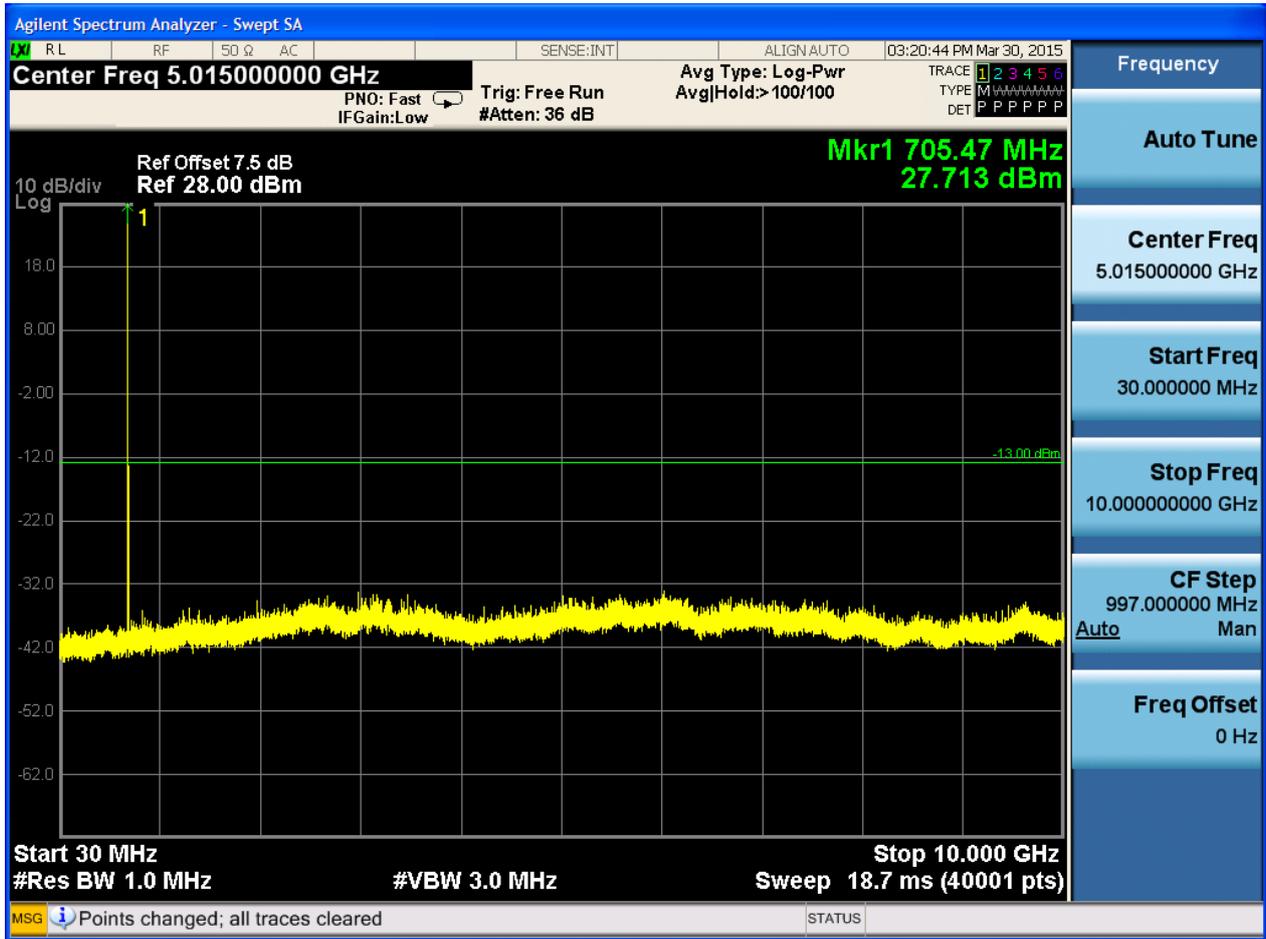


6.3.4.2.3.2 Test Channel = MCH

6.3.4.2.3.2.1 Test RB = RB1#0



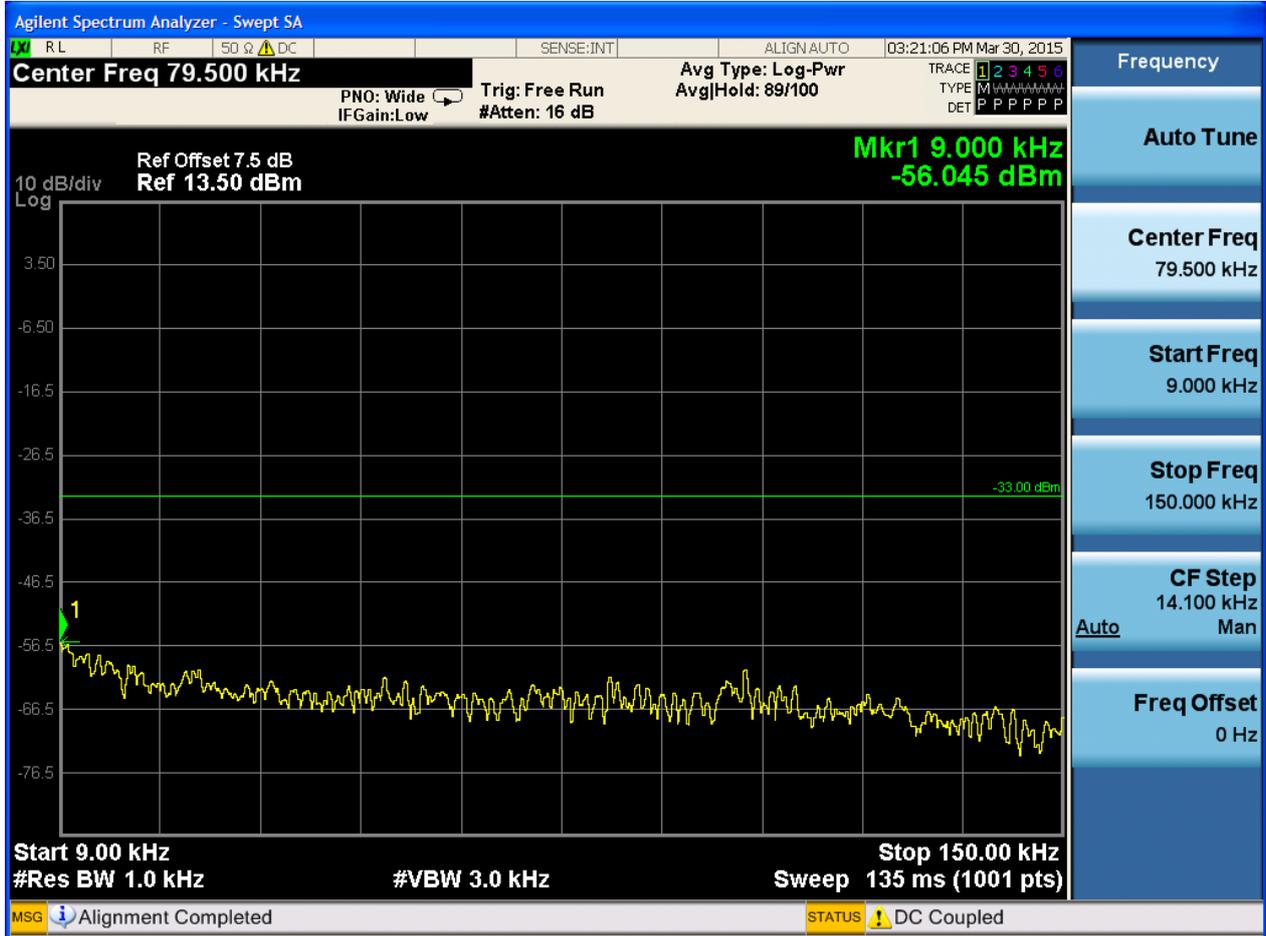




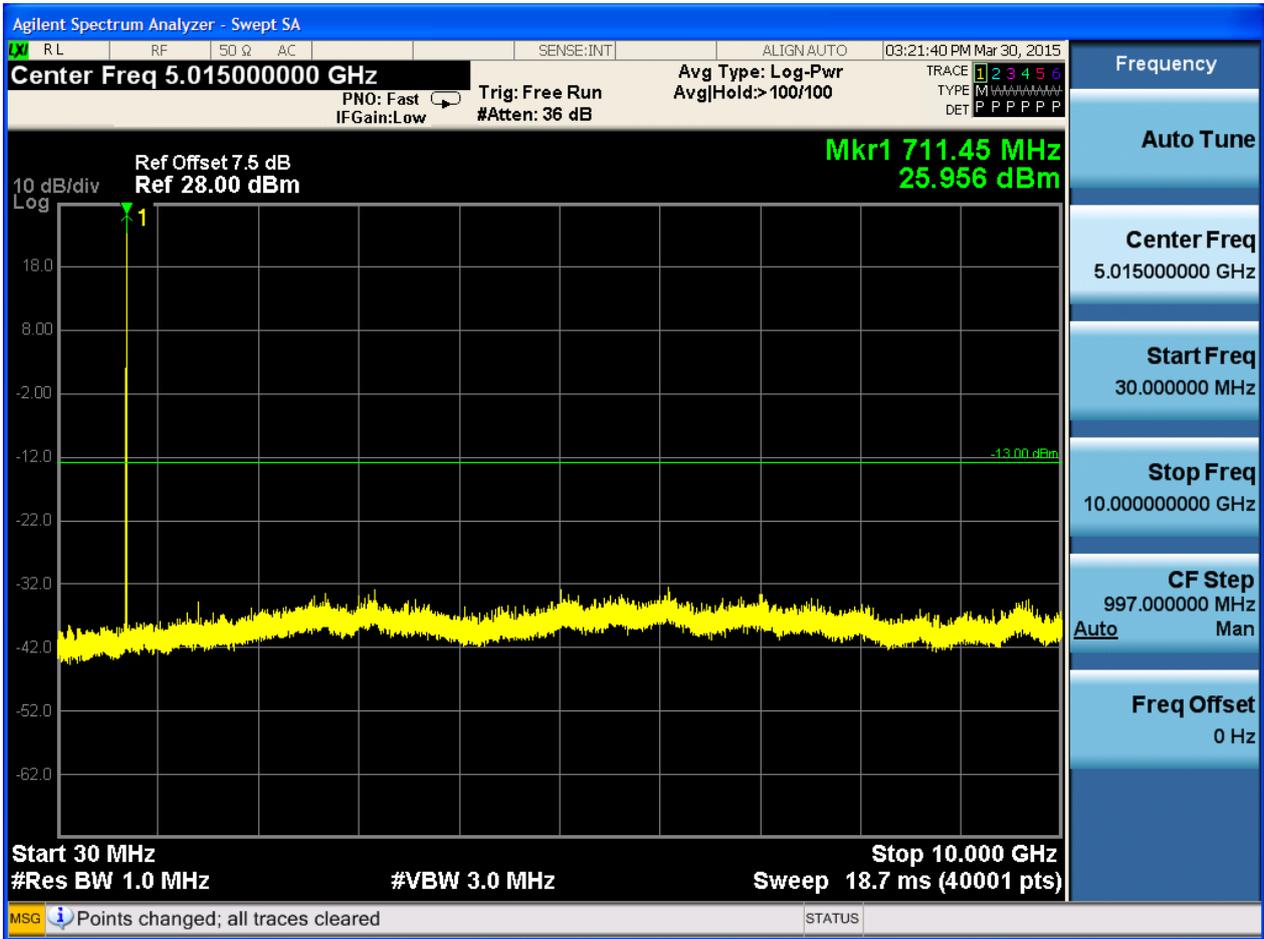


### 6.3.4.2.3.3 Test Channel = HCH

#### 6.3.4.2.3.3.1 Test RB = RB1#0







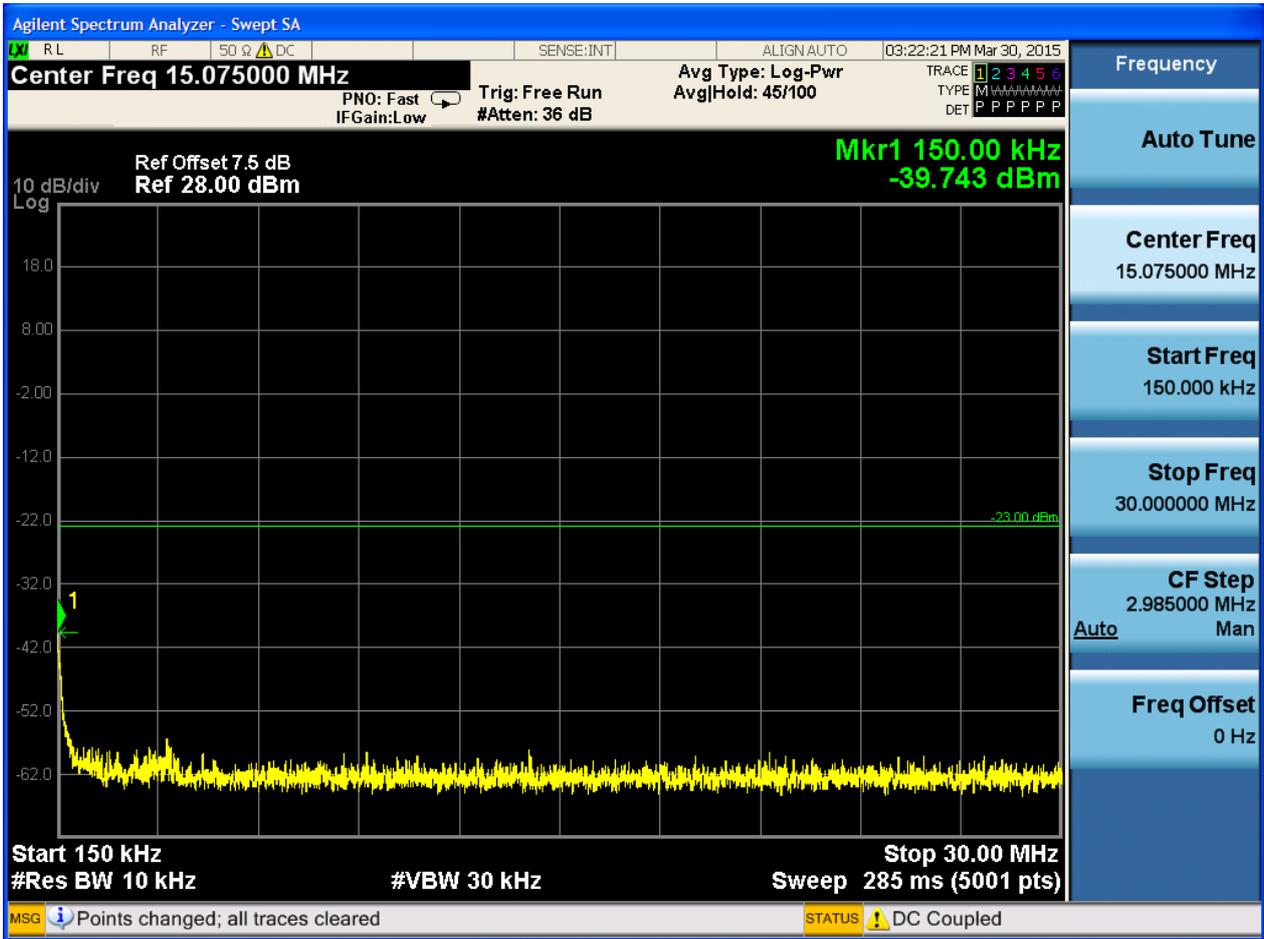


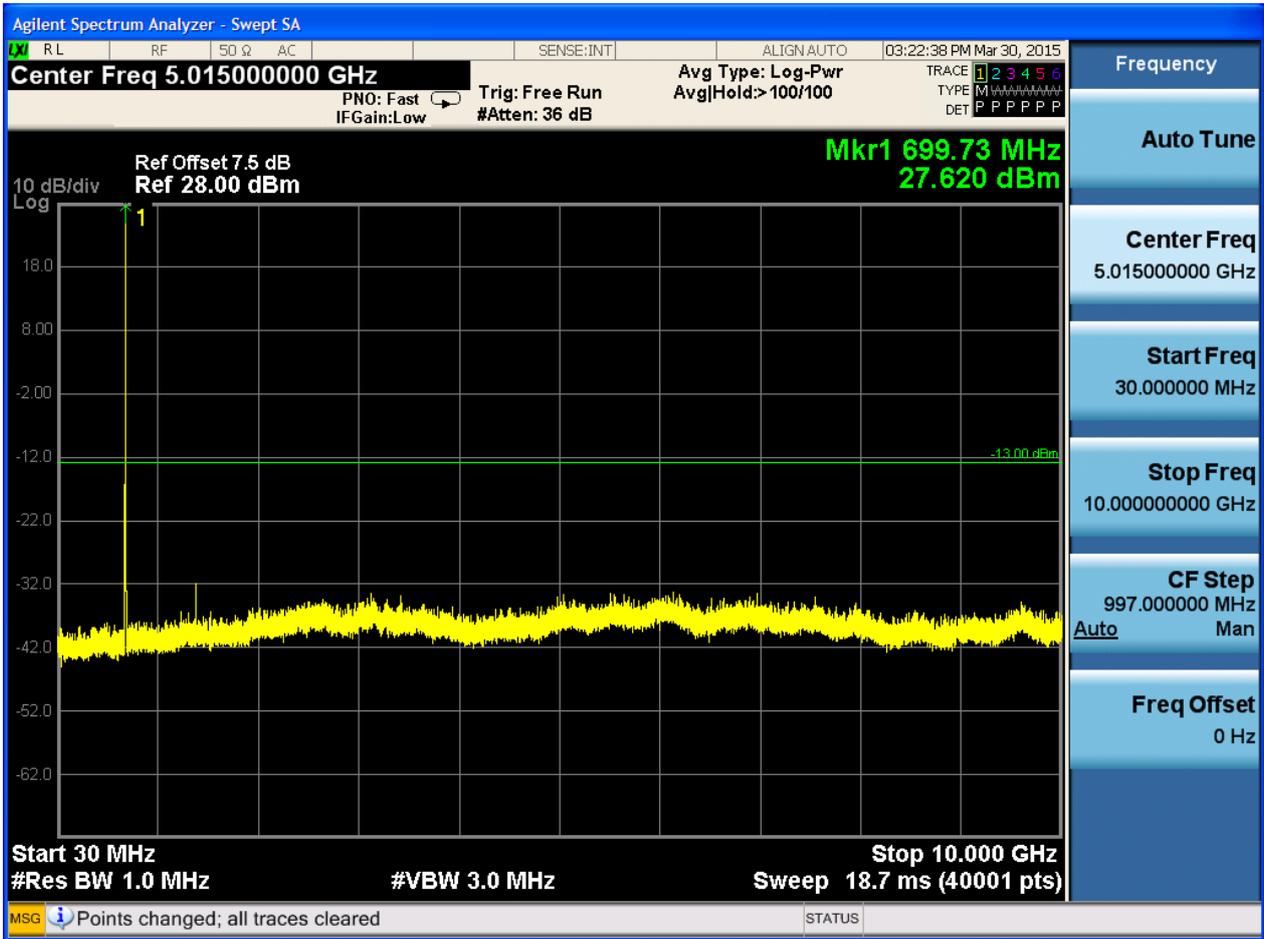
6.3.4.2.4 Test Bandwidth = 10

6.3.4.2.4.1 Test Channel = LCH

6.3.4.2.4.1.1 Test RB = RB1#0



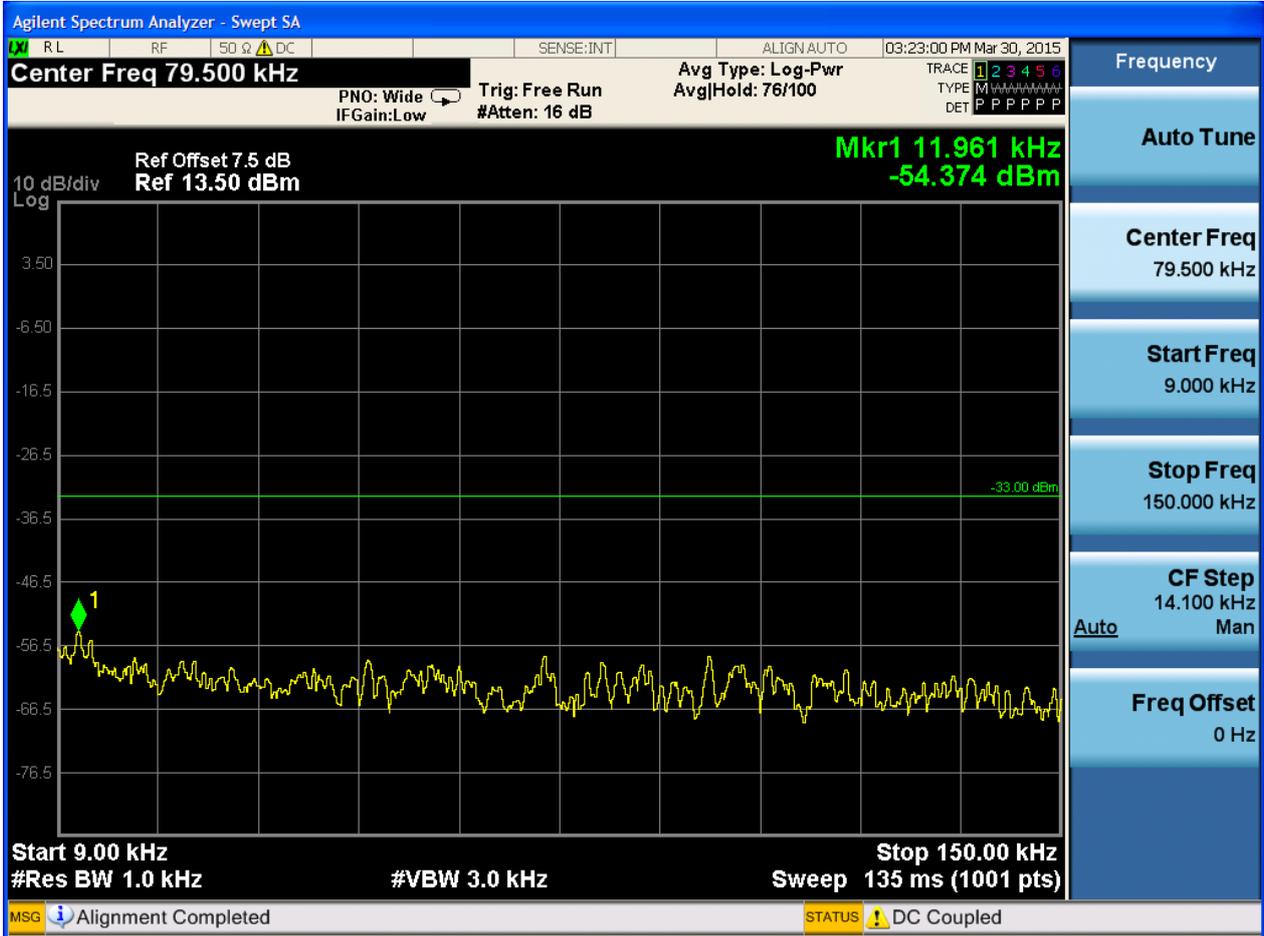


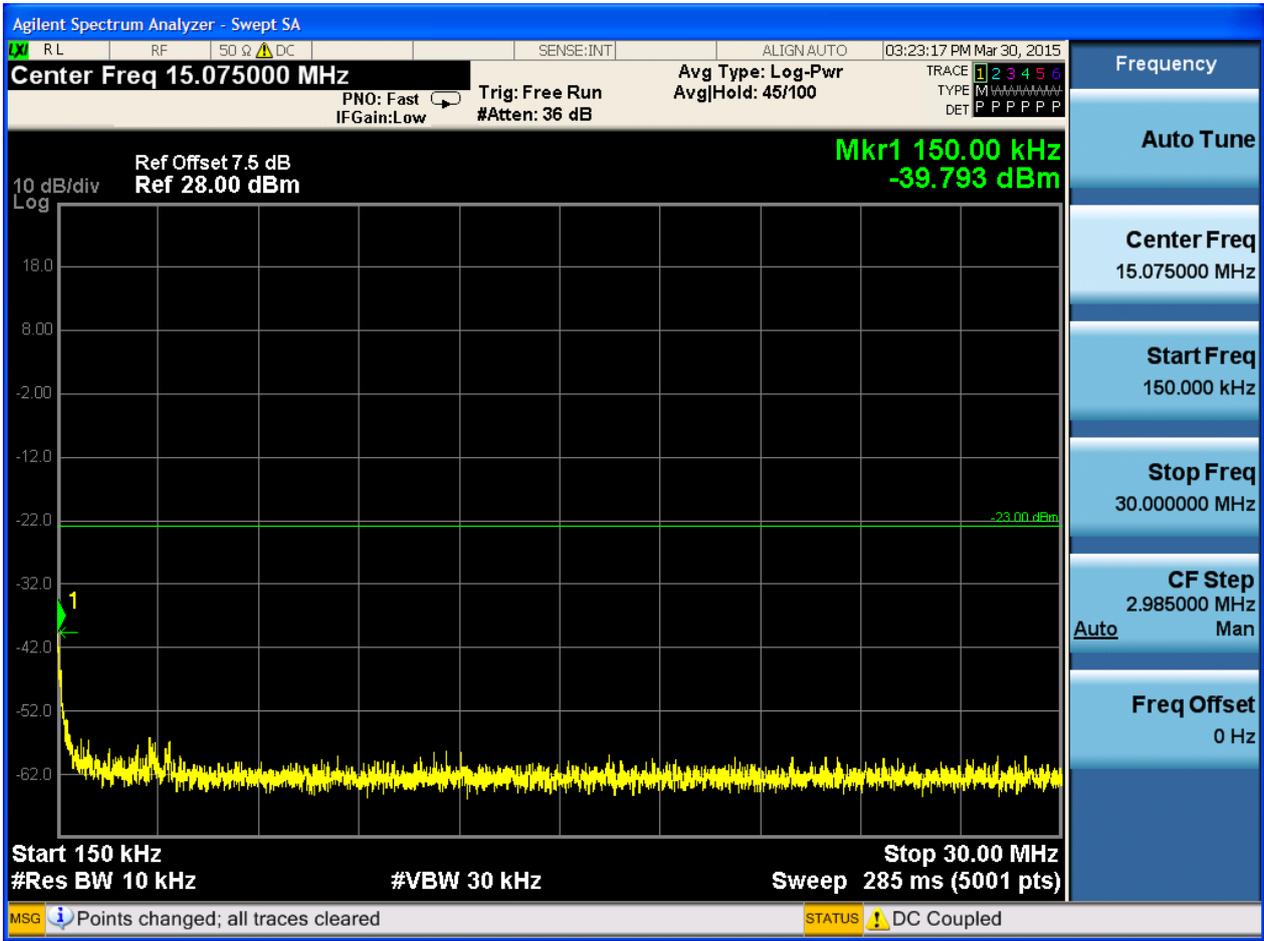


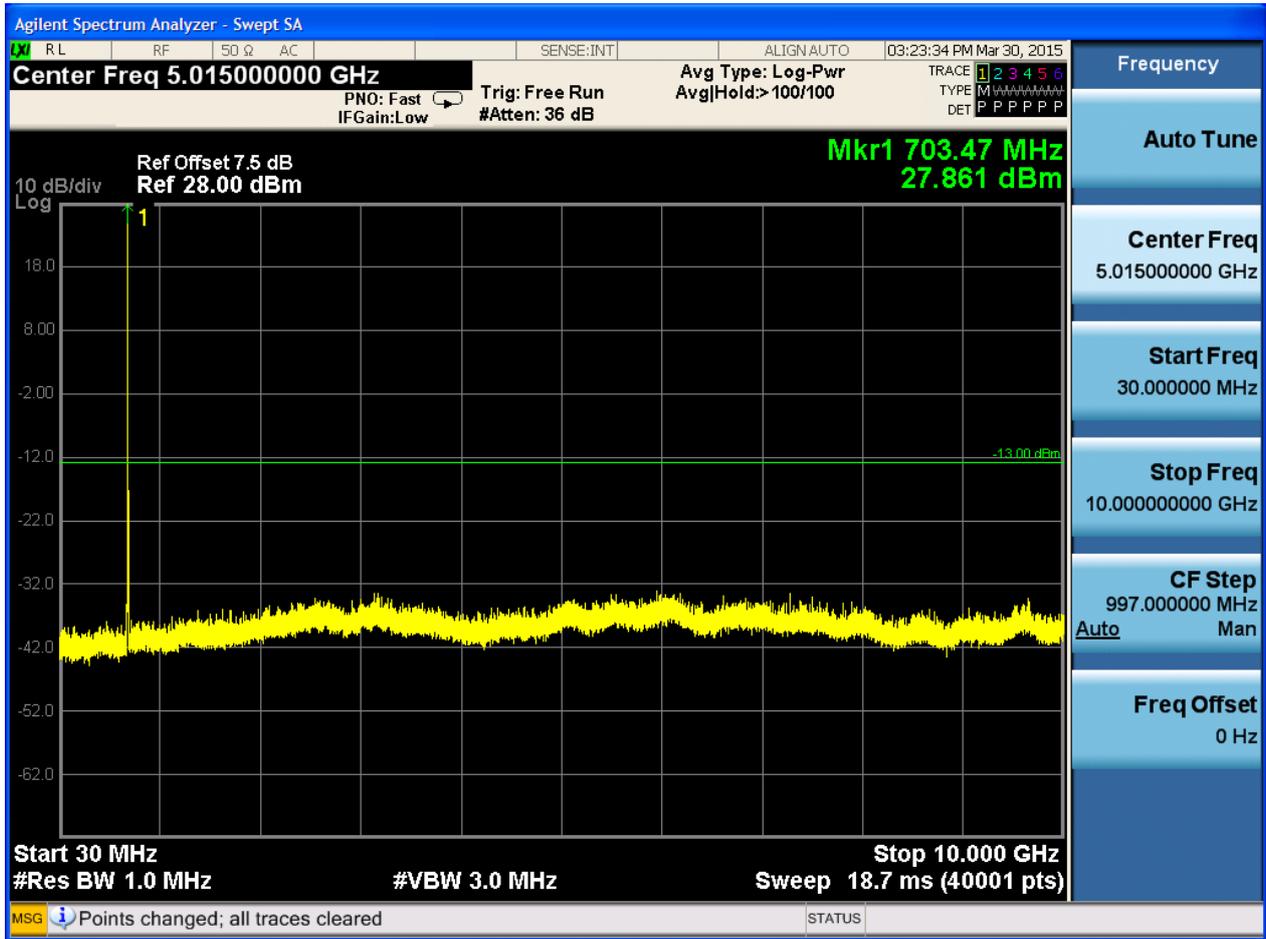


6.3.4.2.4.2 Test Channel = MCH

6.3.4.2.4.2.1 Test RB = RB1#0



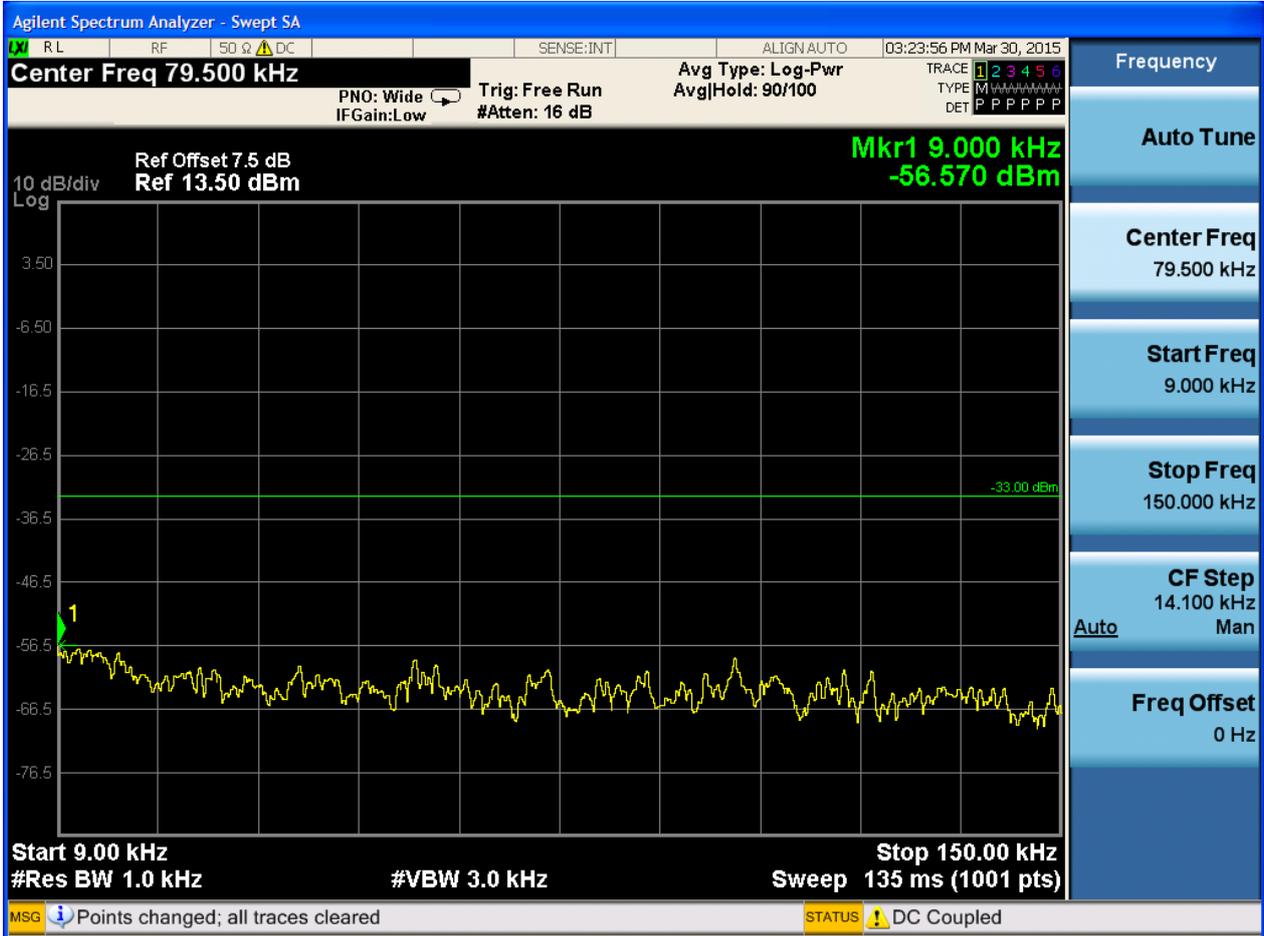


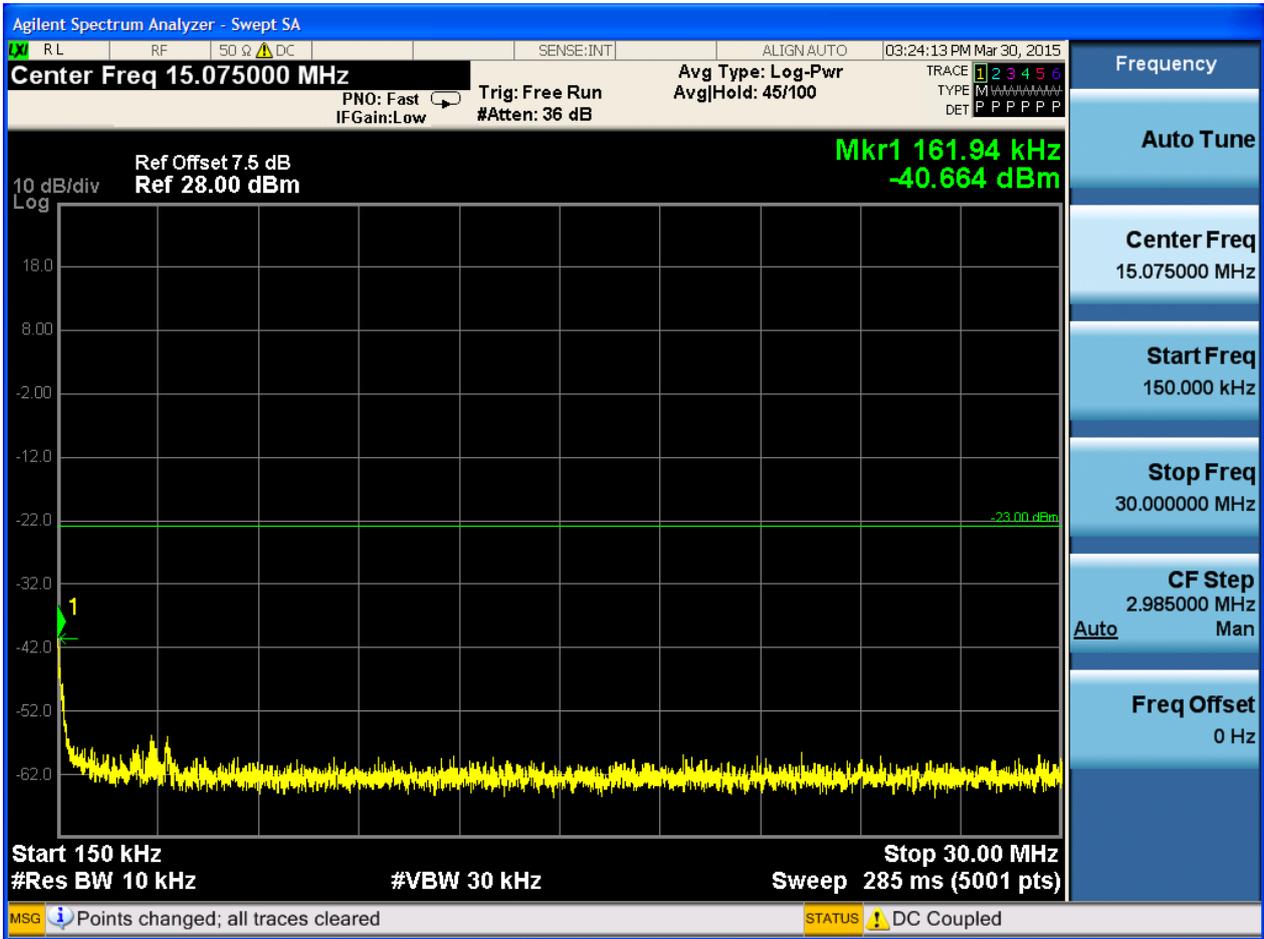


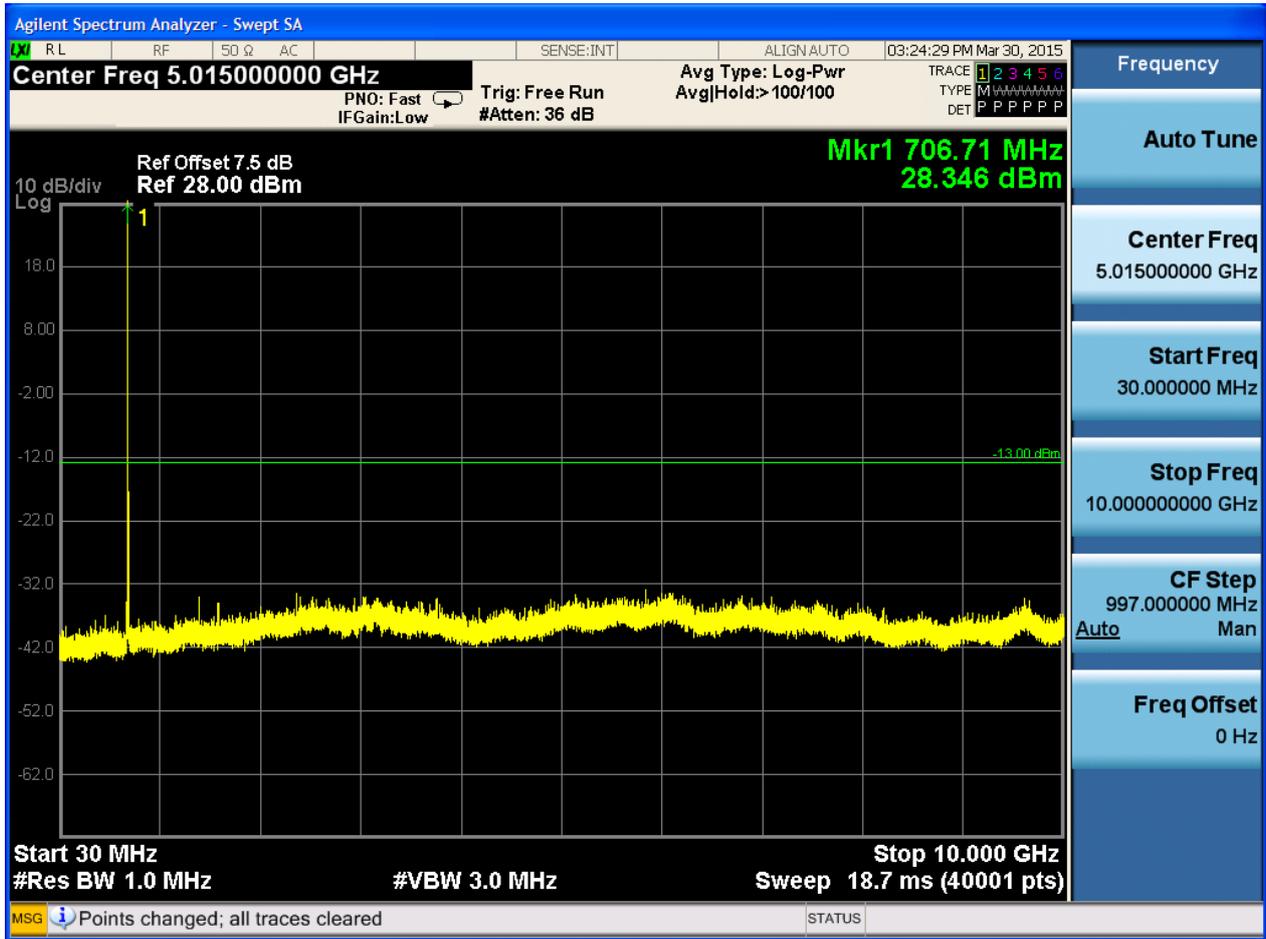


6.3.4.2.4.3 Test Channel = HCH

6.3.4.2.4.3.1 Test RB = RB1#0









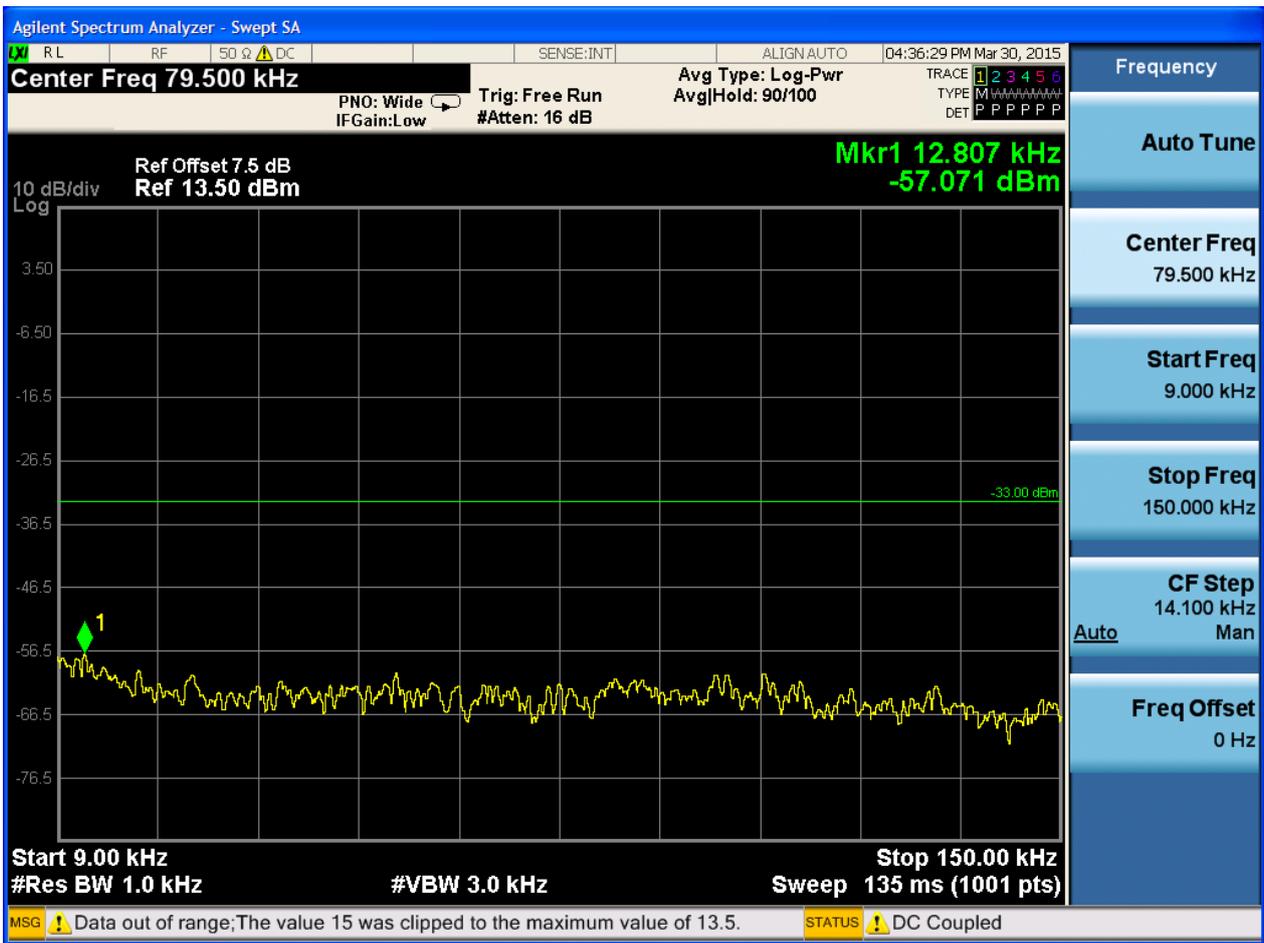
6.3.5 Test Band = BAND17

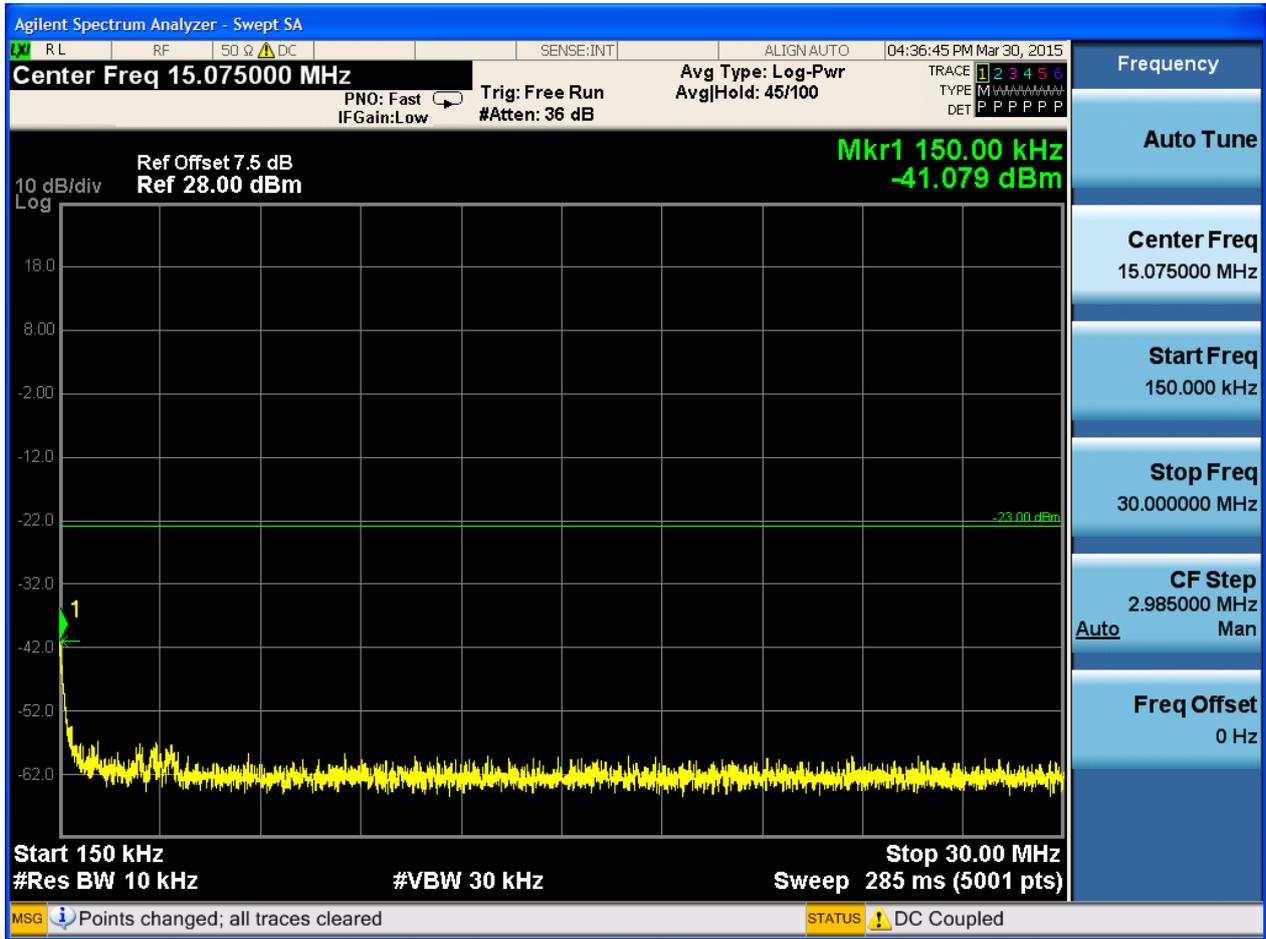
6.3.5.1 Test Mode = LTE/TM1

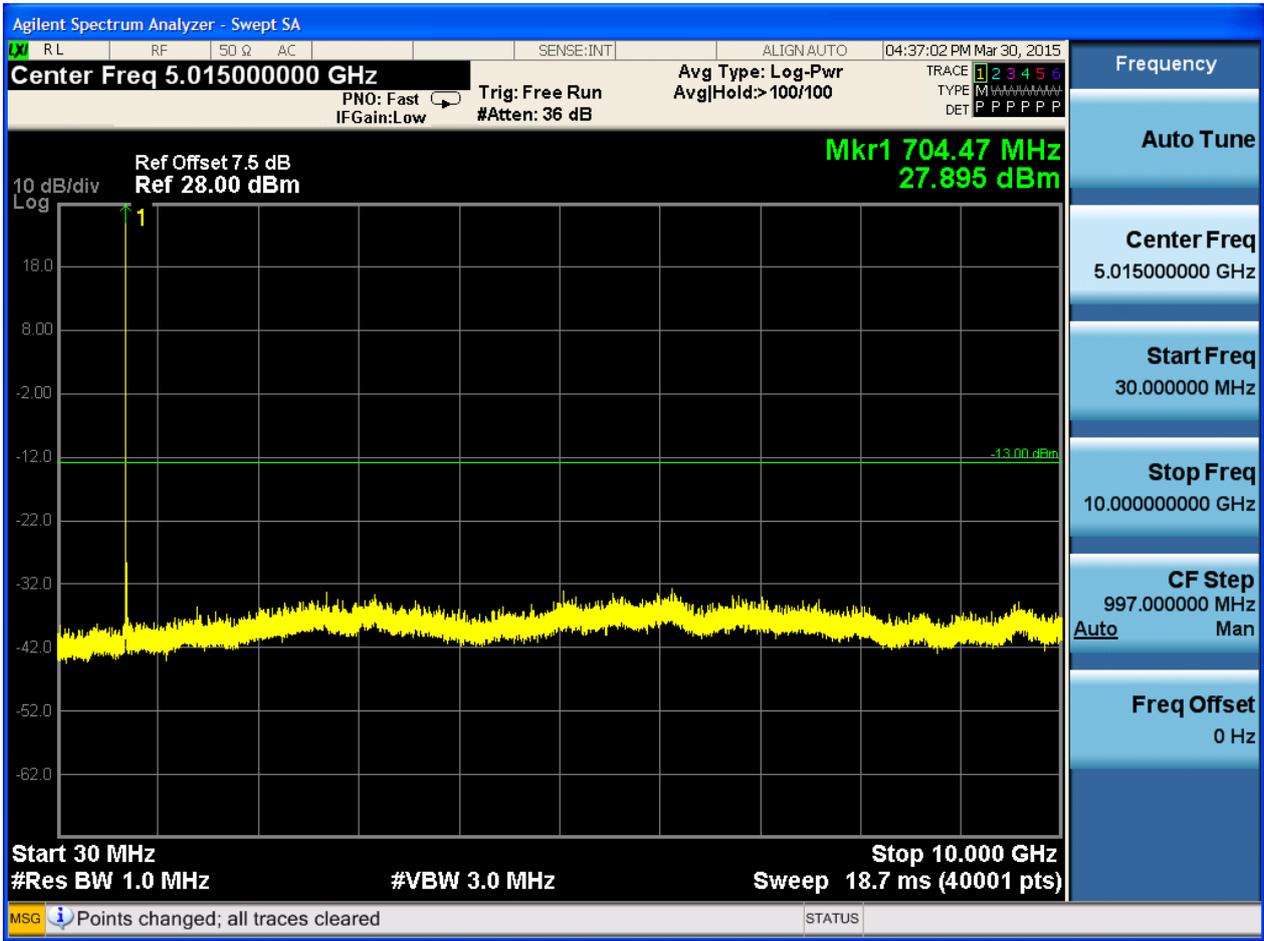
6.3.5.1.1 Test Bandwidth = 5

6.3.5.1.1.1 Test Channel = LCH

6.3.5.1.1.1.1 Test RB = RB1#0



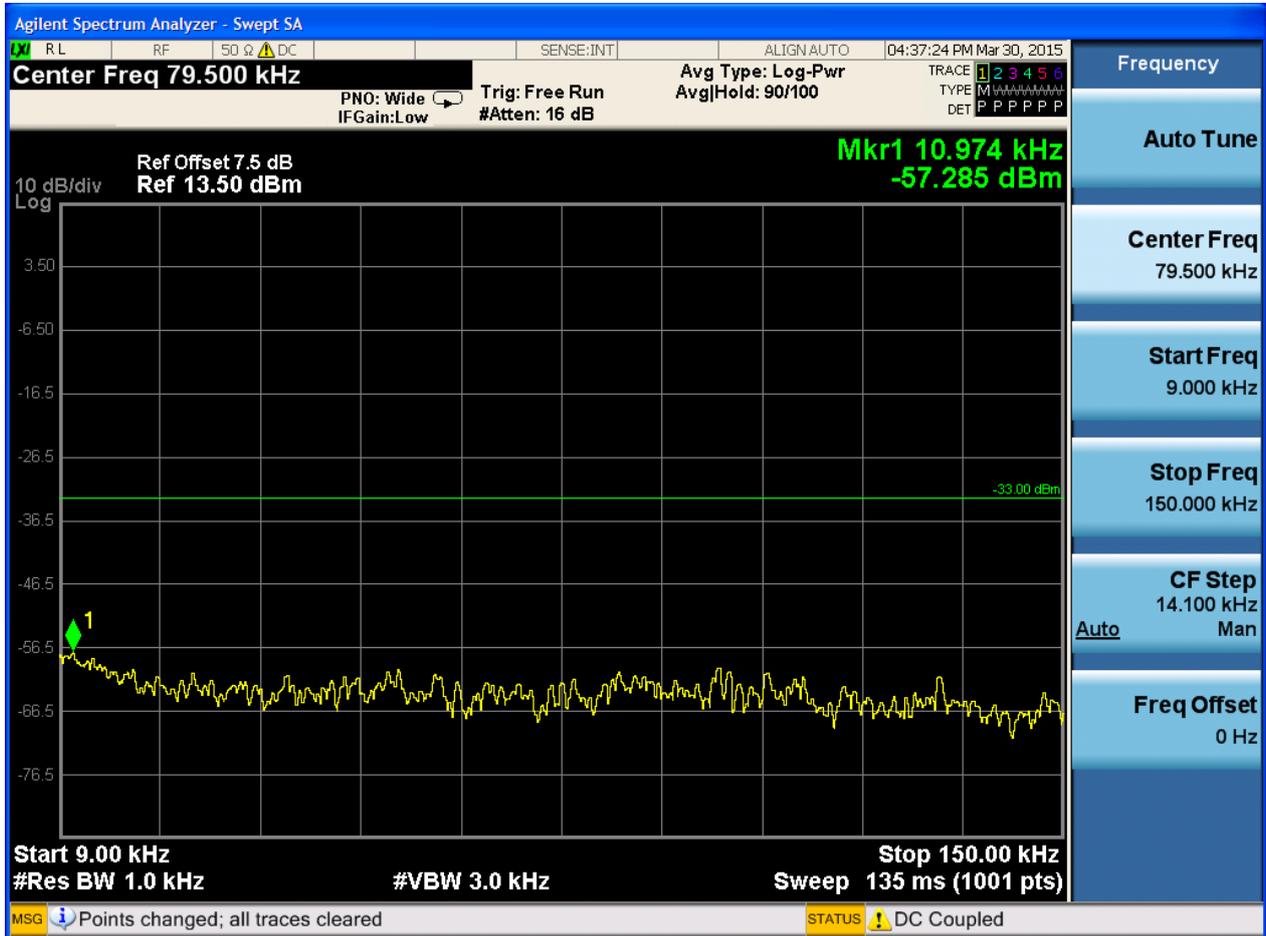


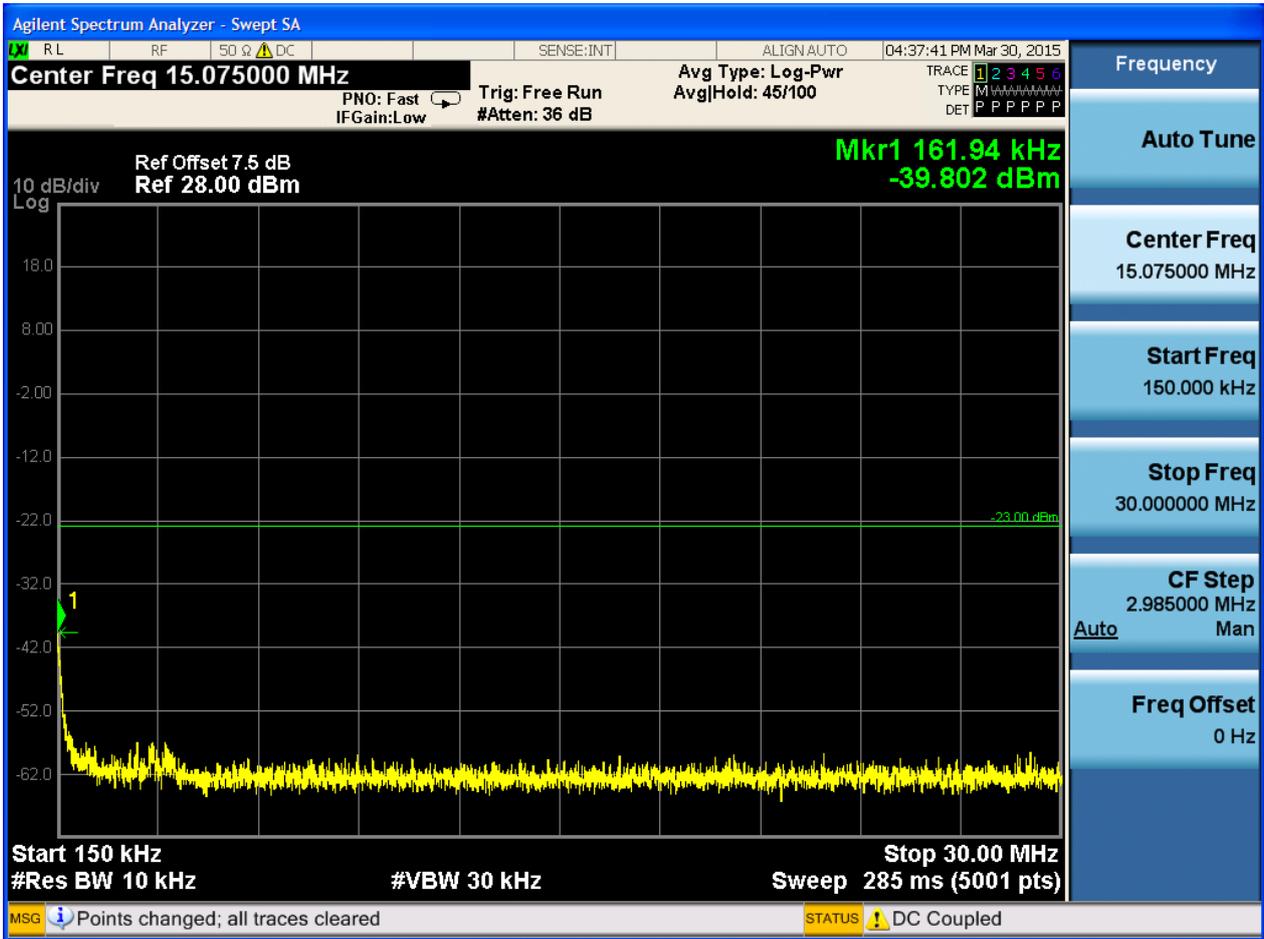


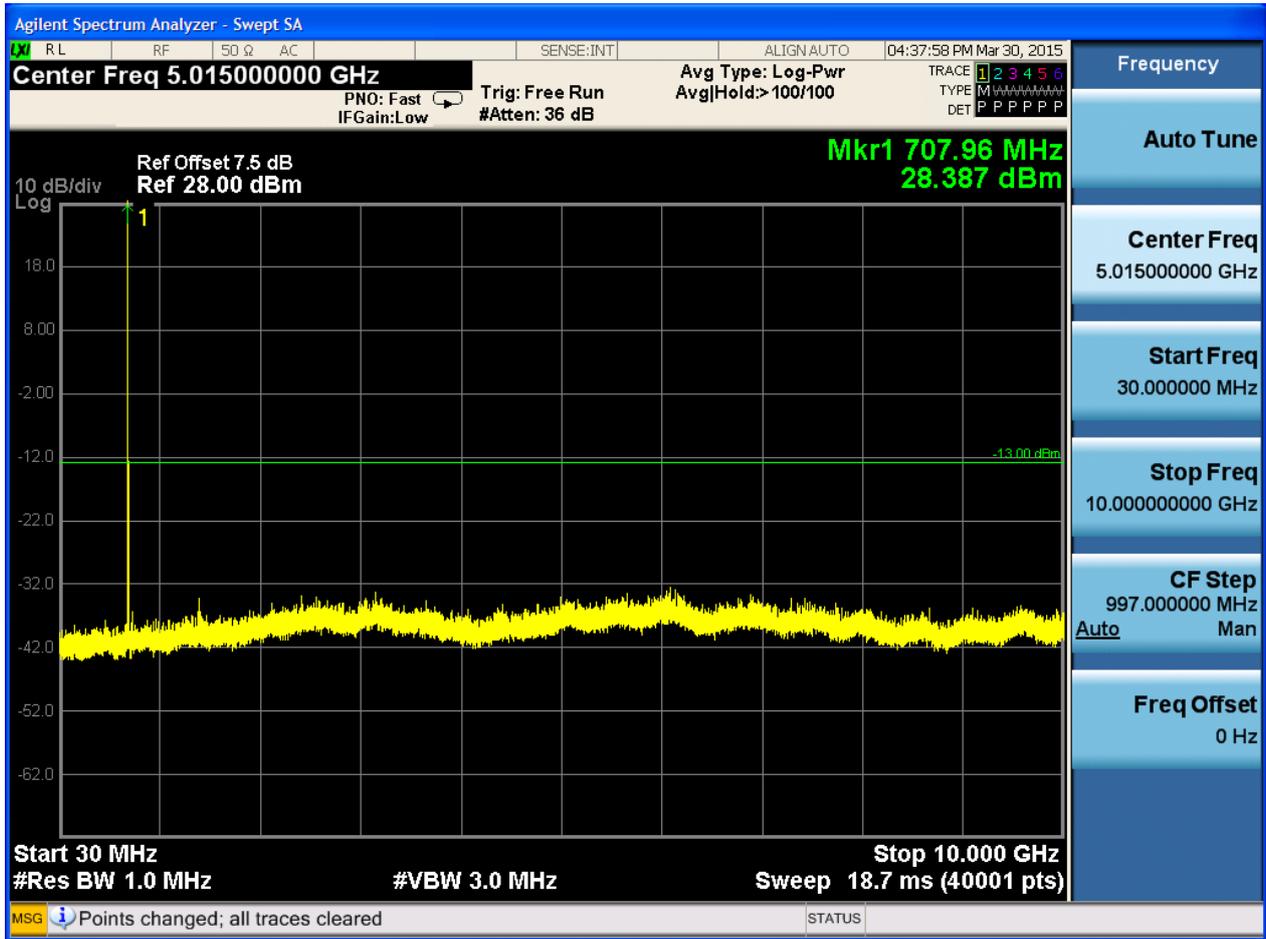


6.3.5.1.1.2 Test Channel = MCH

6.3.5.1.1.2.1 Test RB = RB1#0



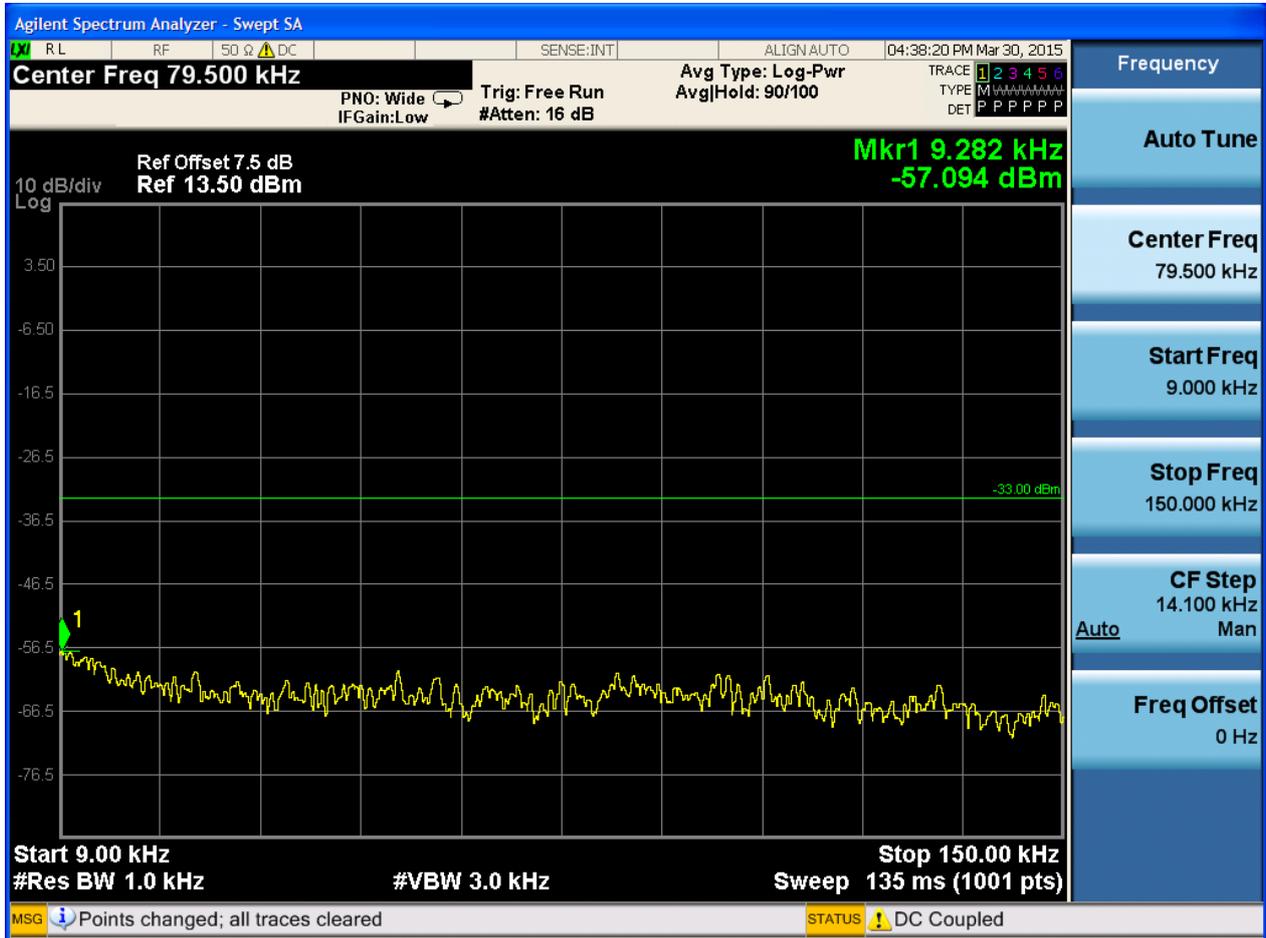


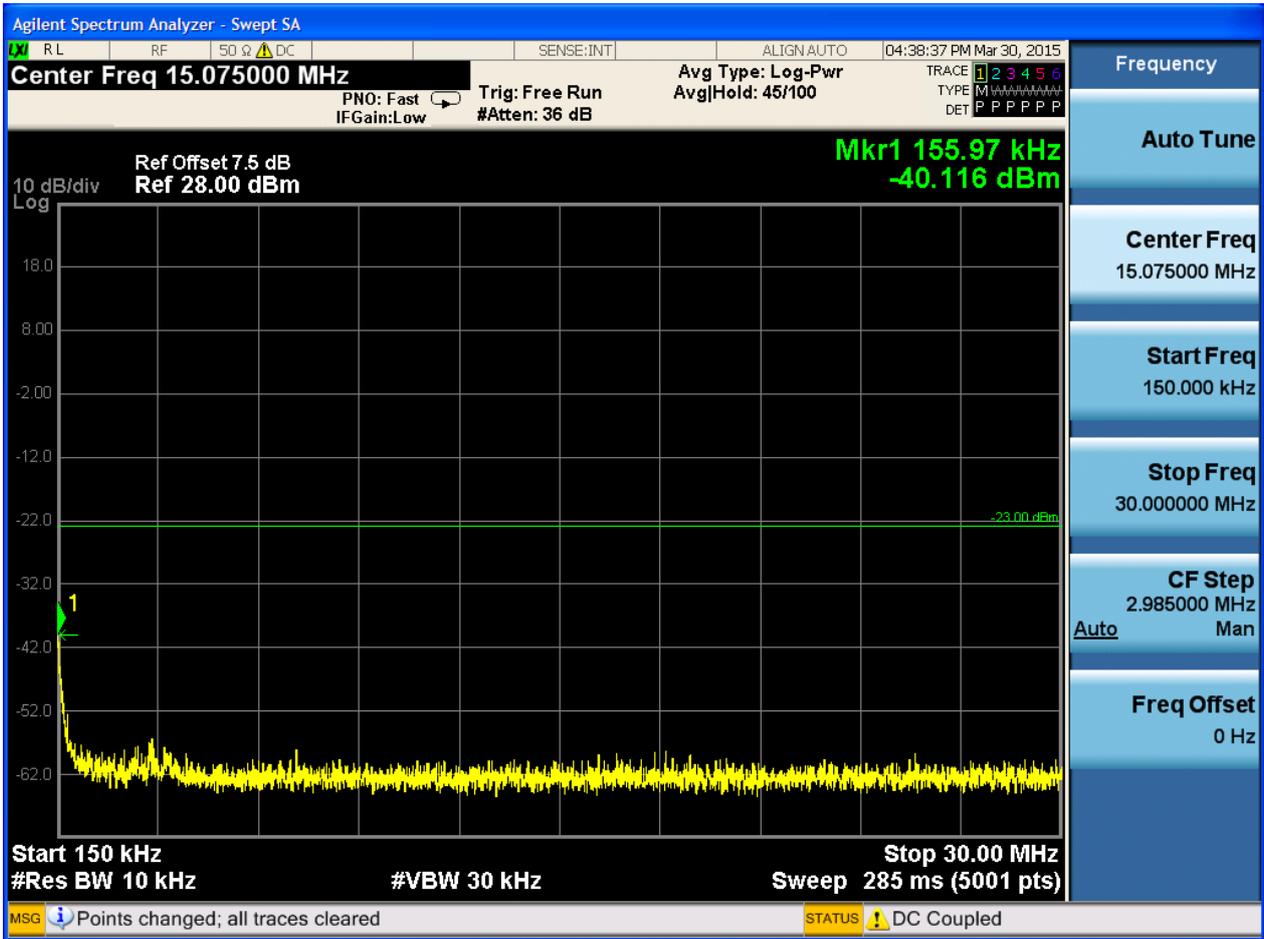


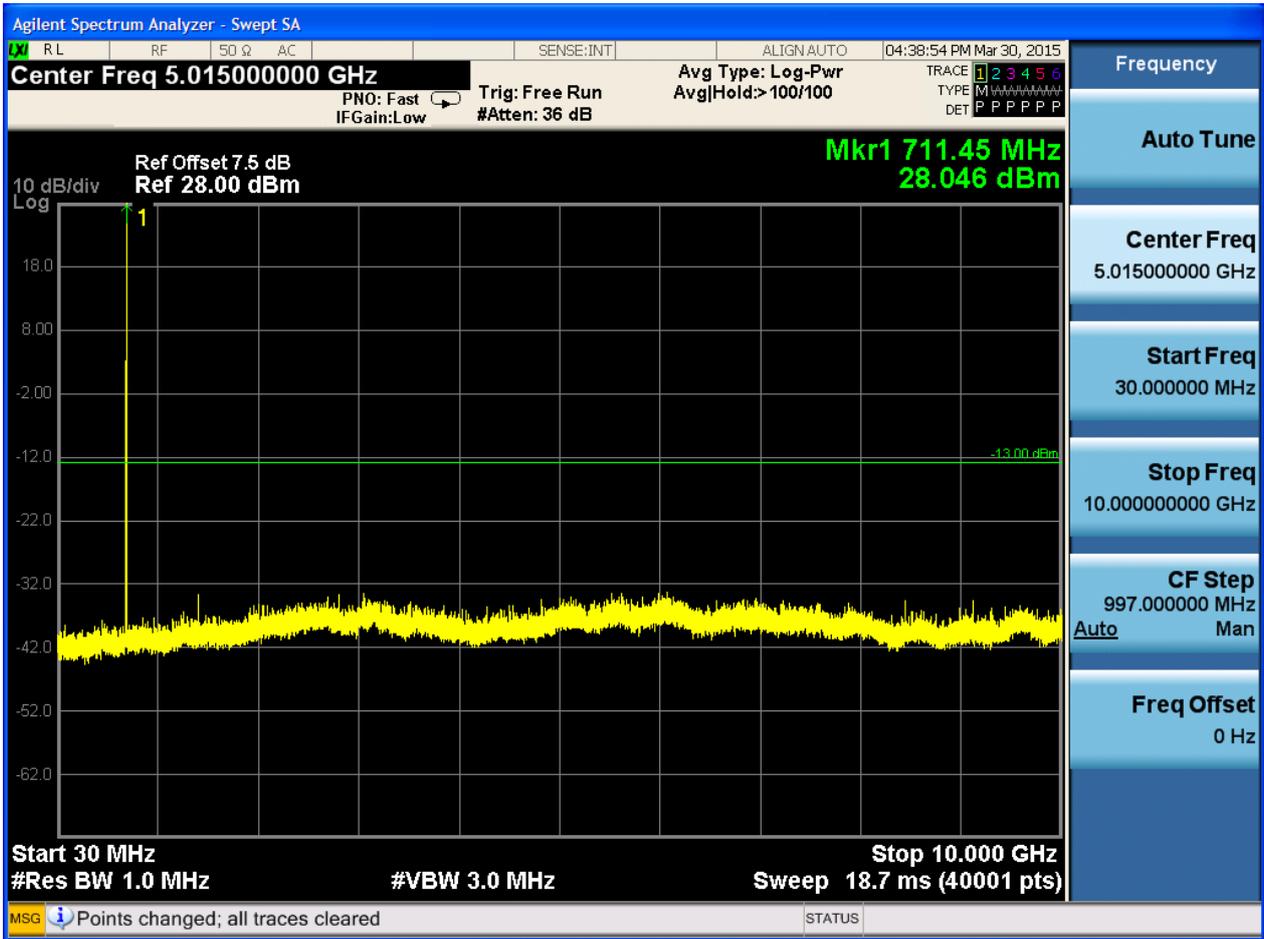


6.3.5.1.1.3 Test Channel = HCH

6.3.5.1.1.3.1 Test RB = RB1#0





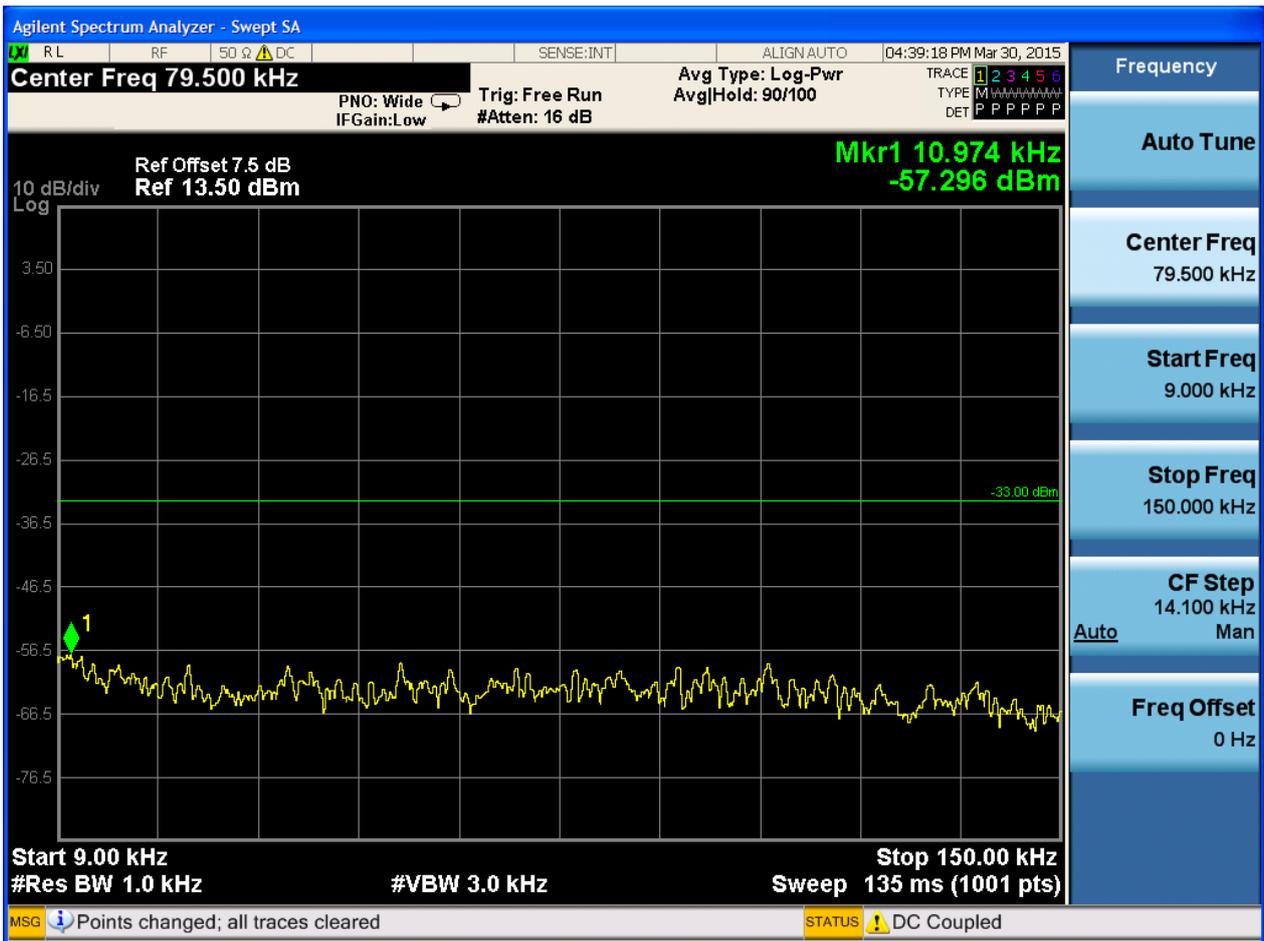


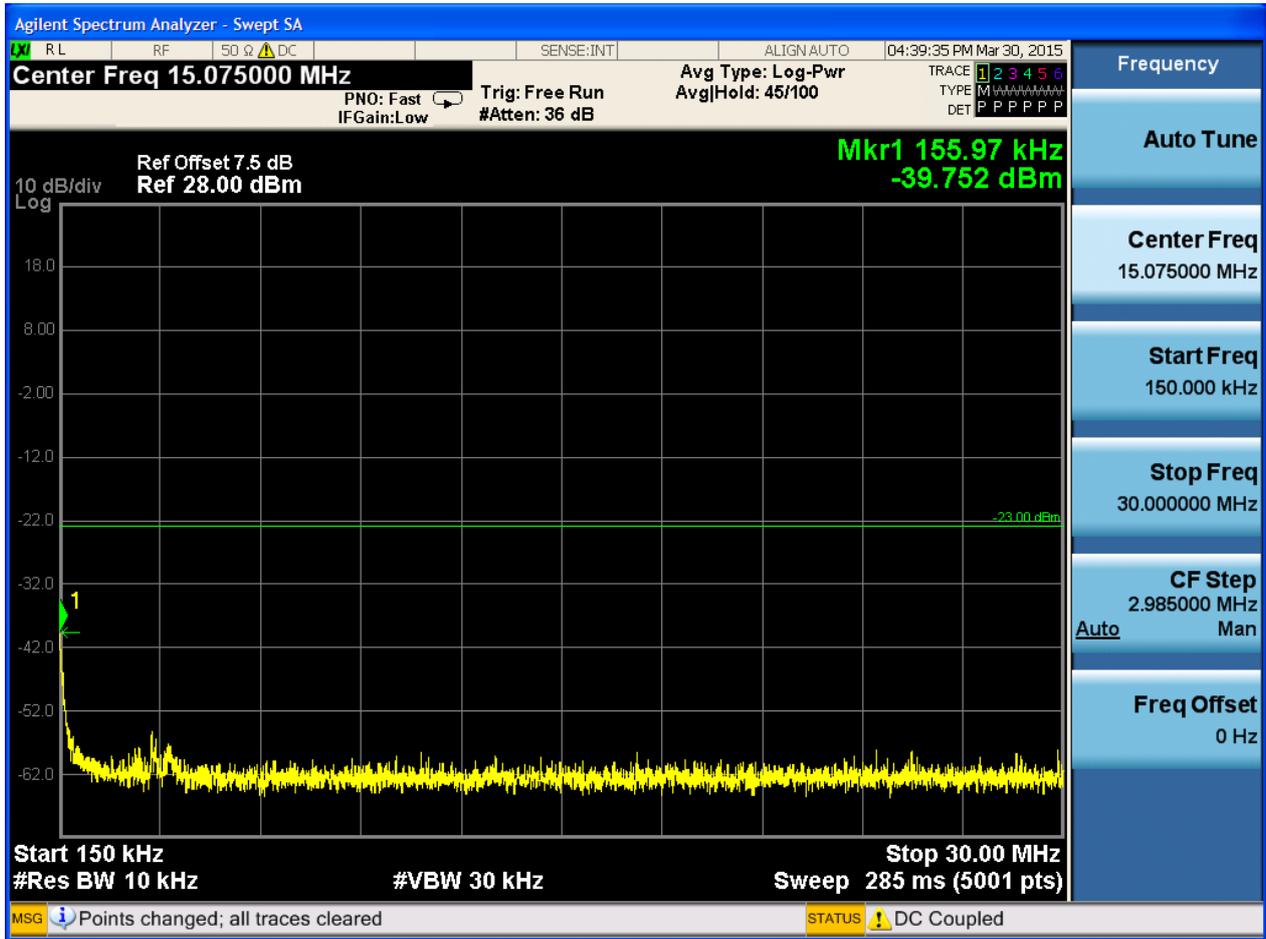


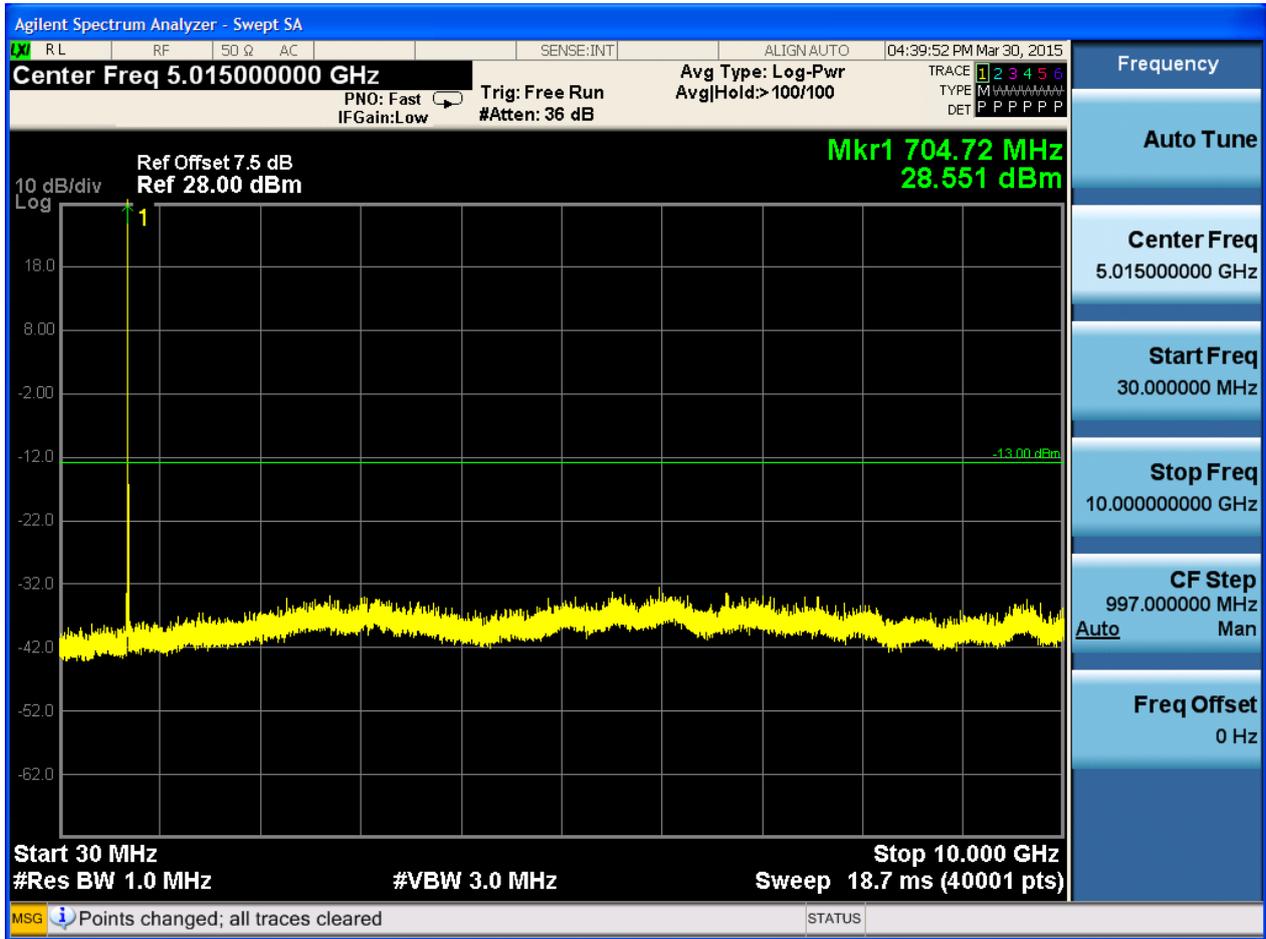
6.3.5.1.2 Test Bandwidth = 10

6.3.5.1.2.1 Test Channel = LCH

6.3.5.1.2.1.1 Test RB = RB1#0



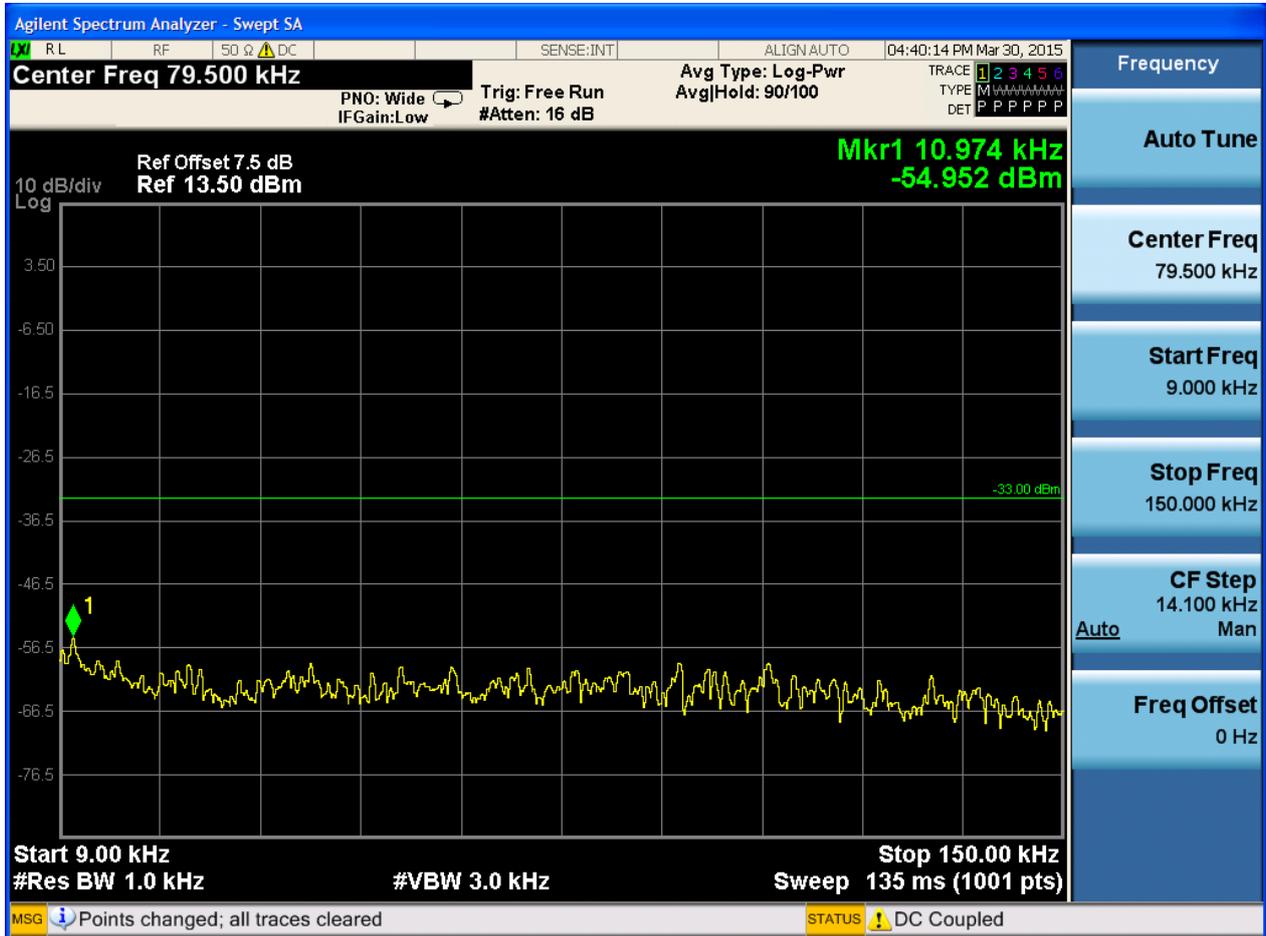


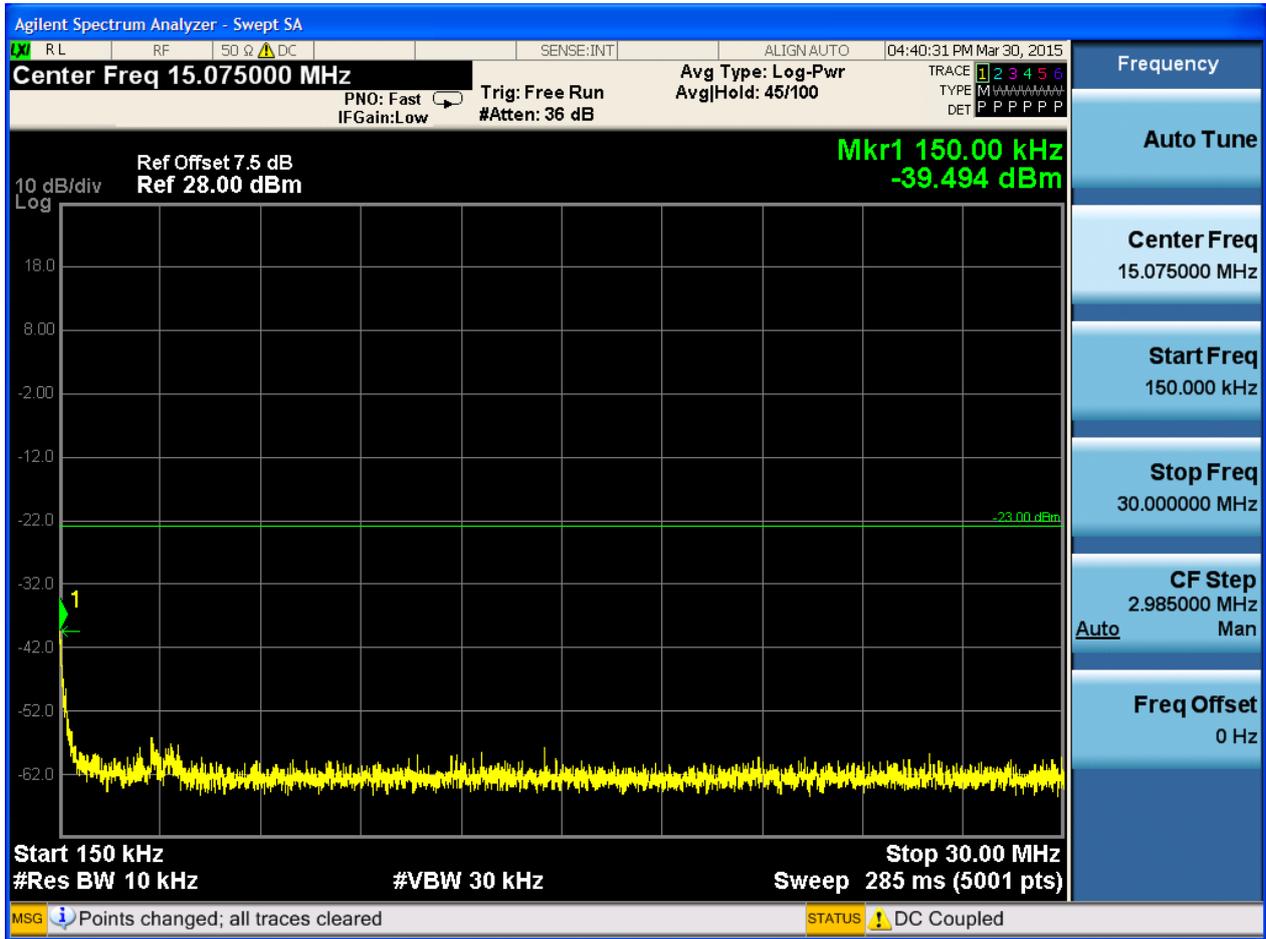


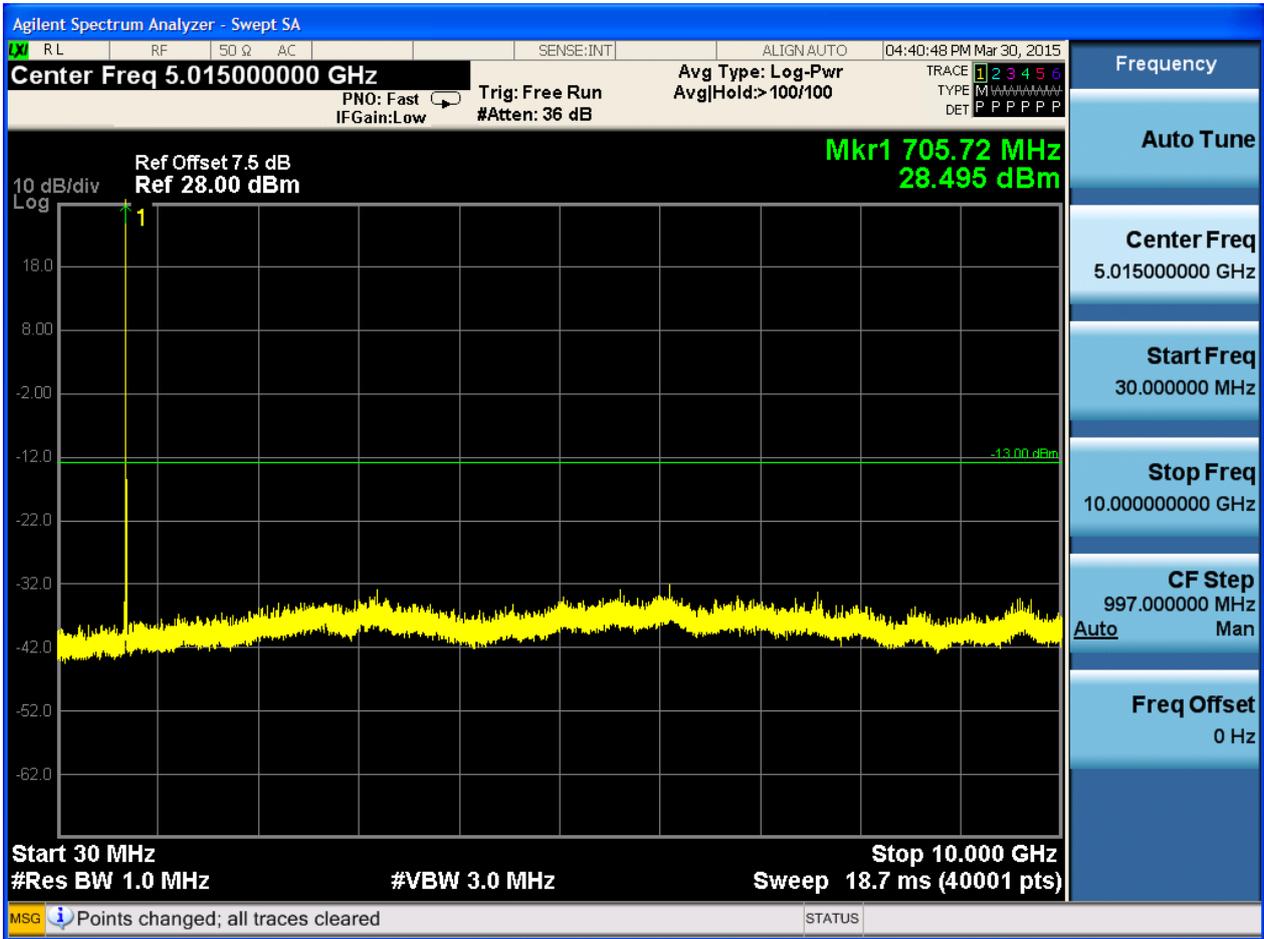


6.3.5.1.2.2 Test Channel = MCH

6.3.5.1.2.2.1 Test RB = RB1#0



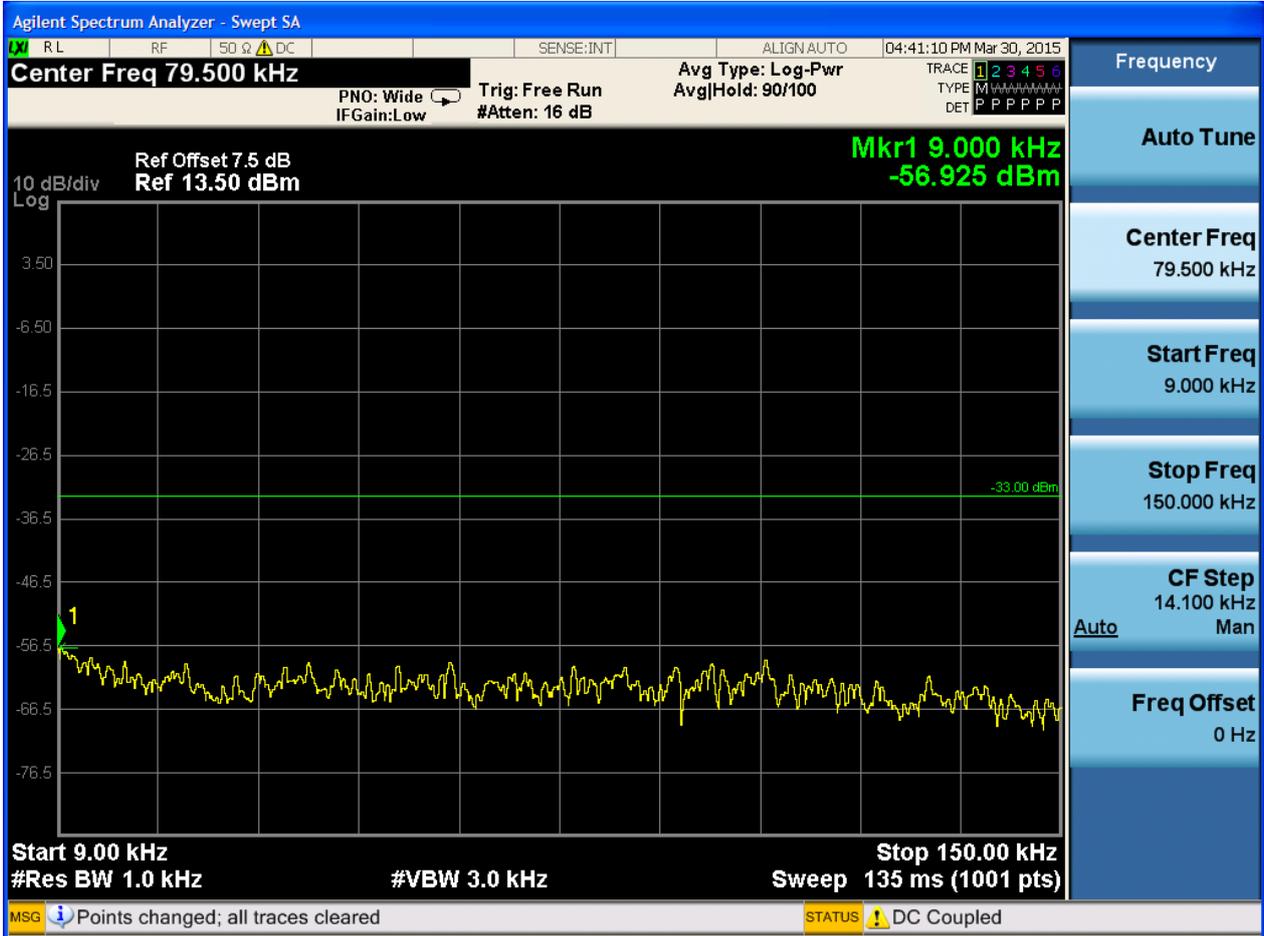


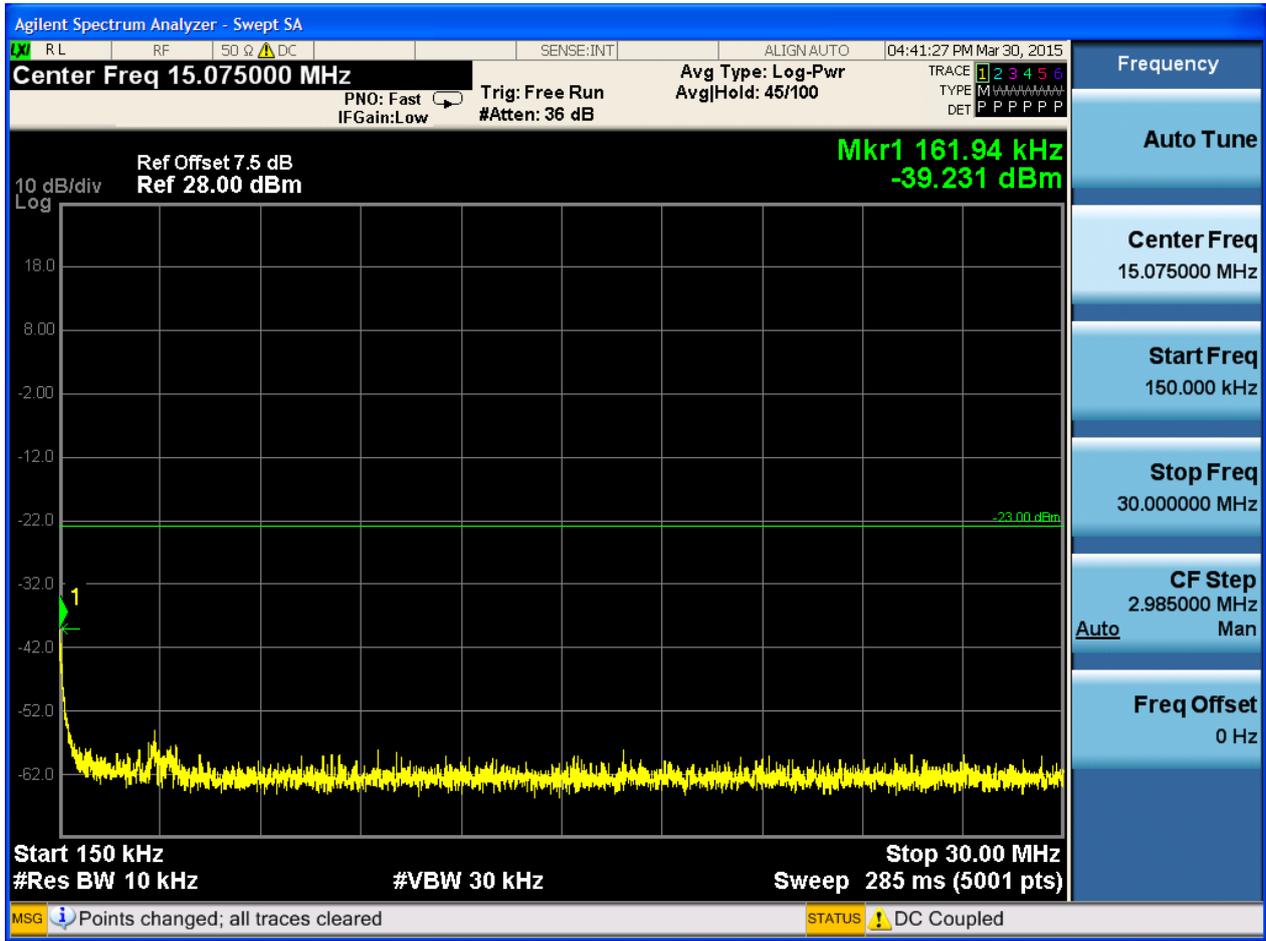


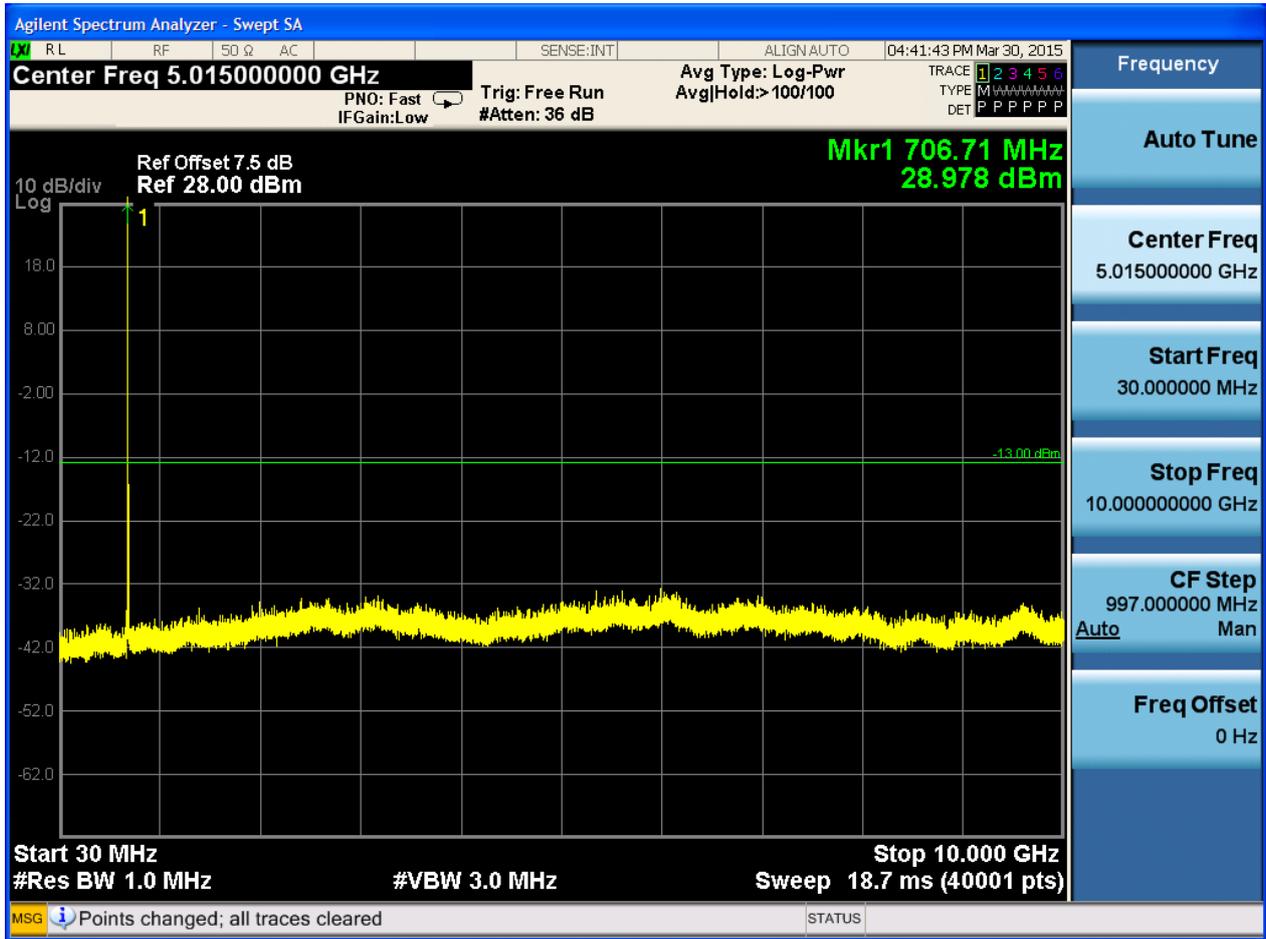


6.3.5.1.2.3 Test Channel = HCH

6.3.5.1.2.3.1 Test RB = RB1#0







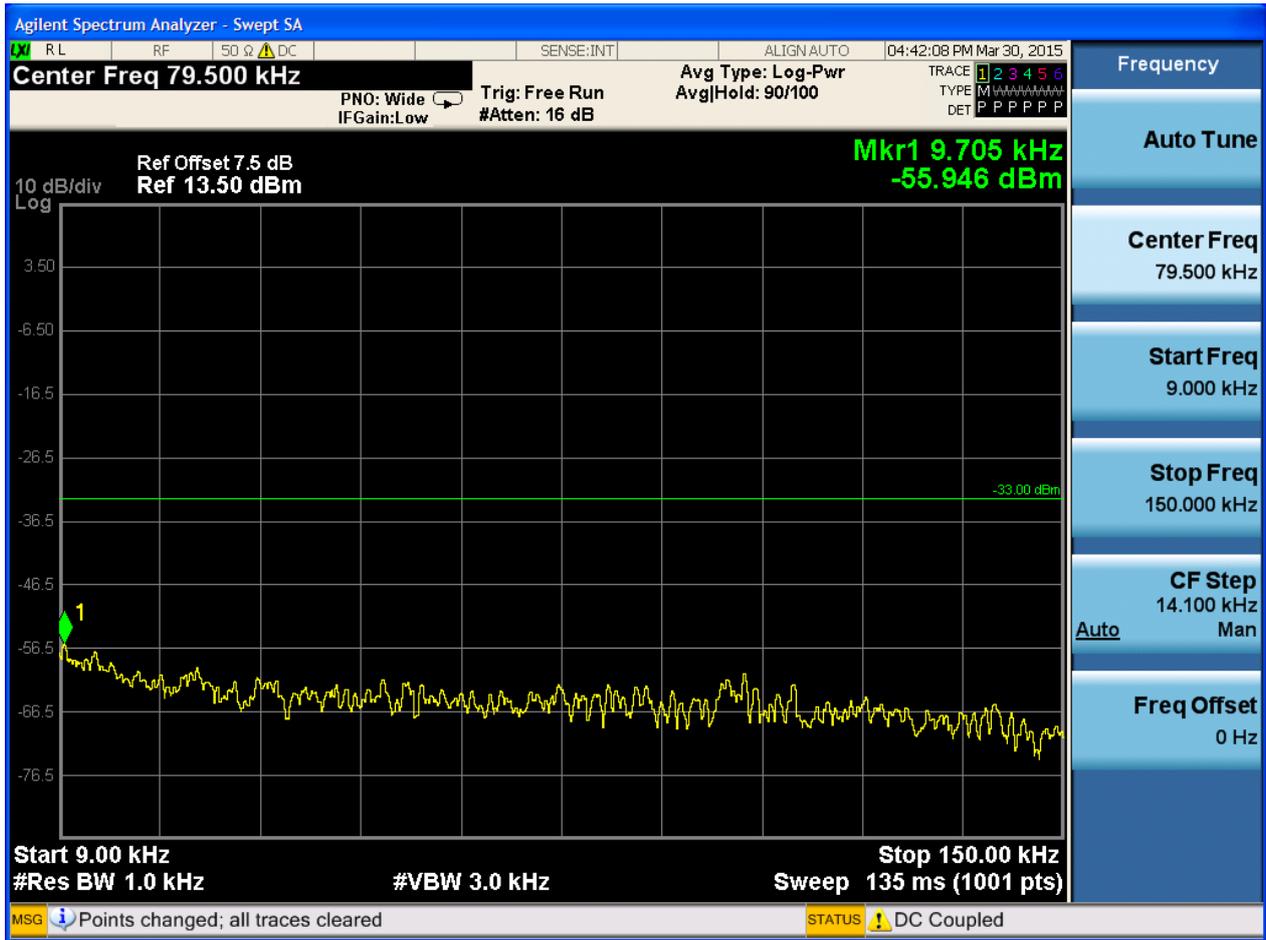


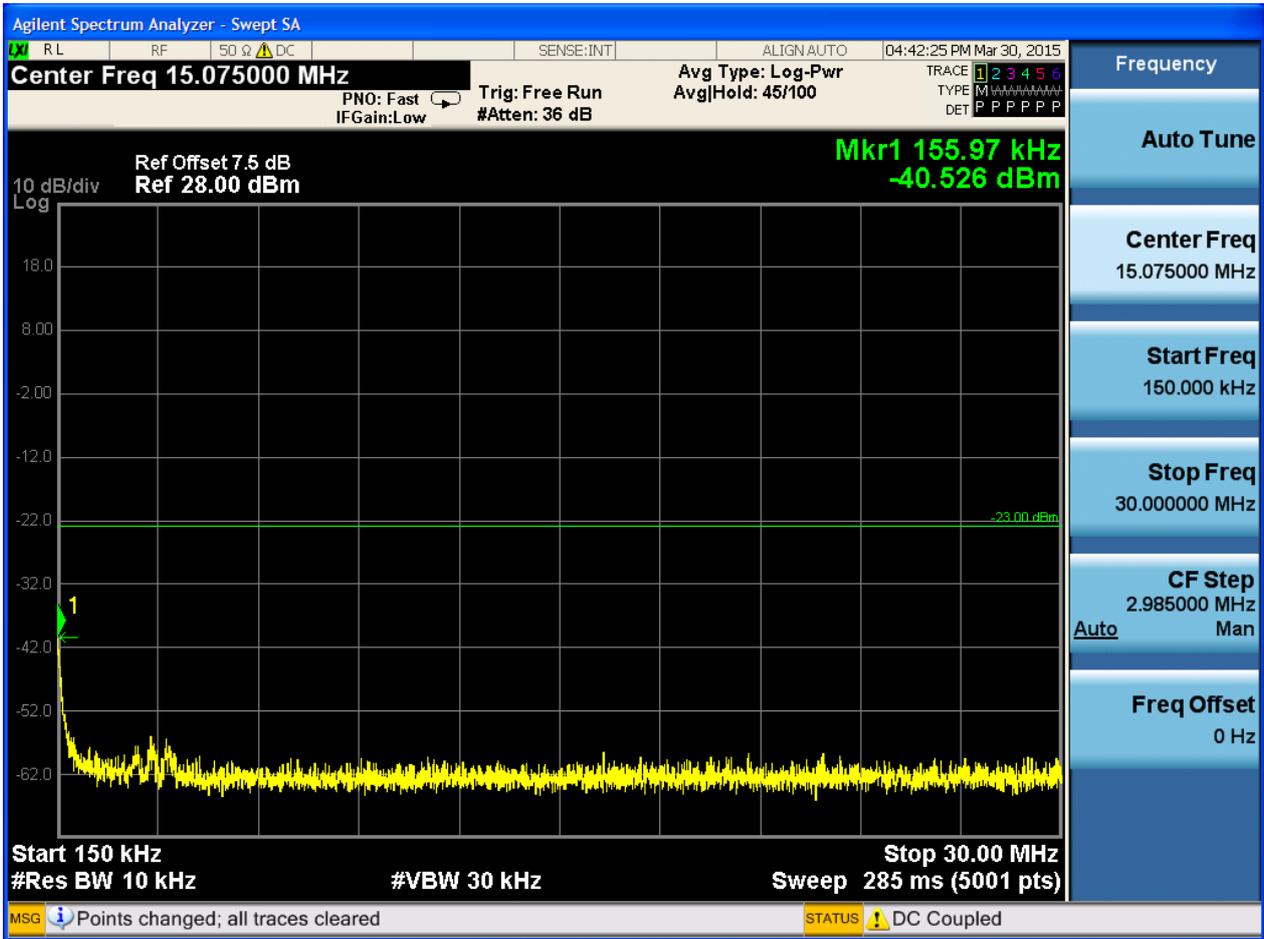
6.3.5.2 Test Mode = LTE/TM2

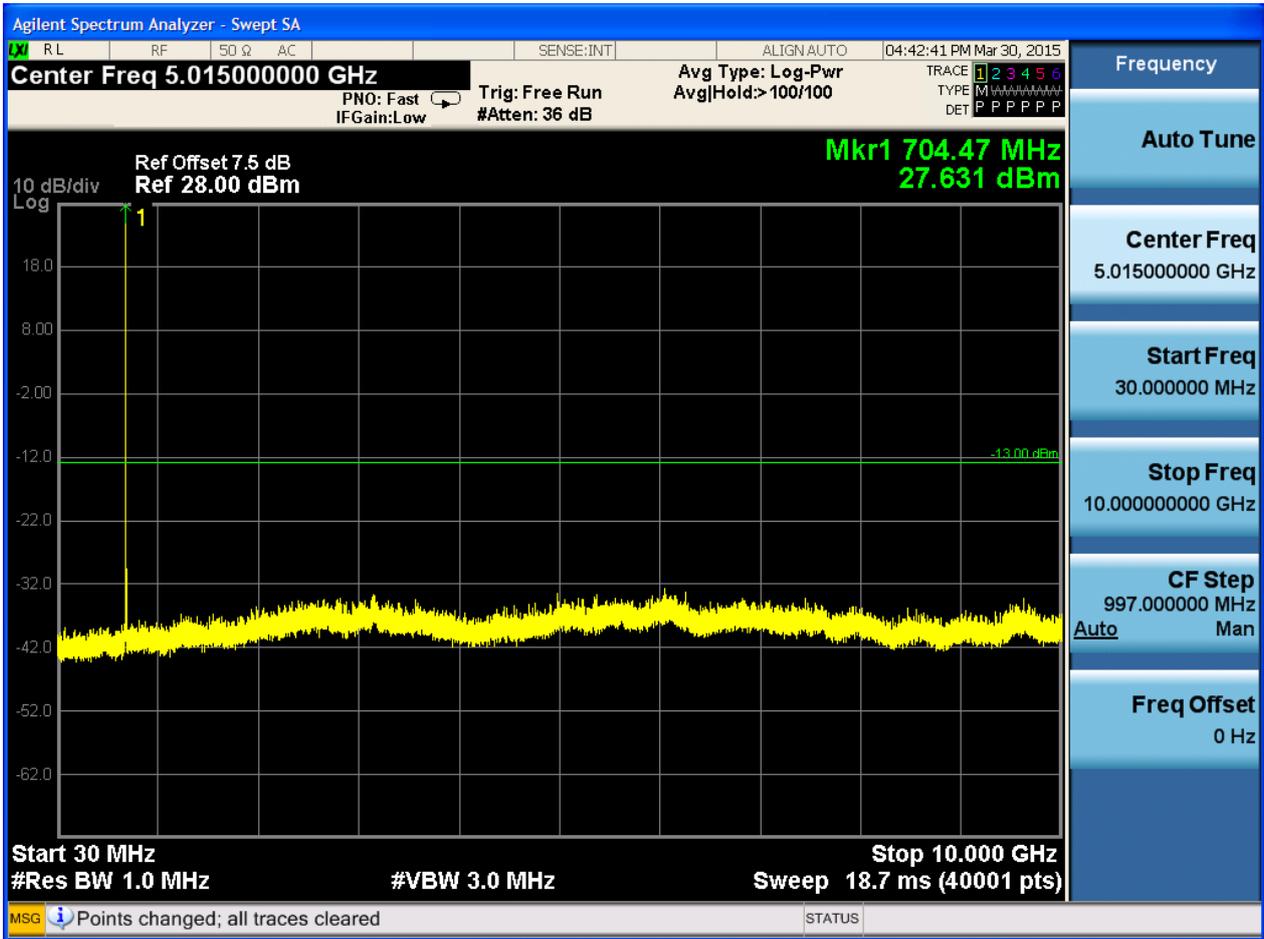
6.3.5.2.1 Test Bandwidth = 5

6.3.5.2.1.1 Test Channel = LCH

6.3.5.2.1.1.1 Test RB = RB1#0



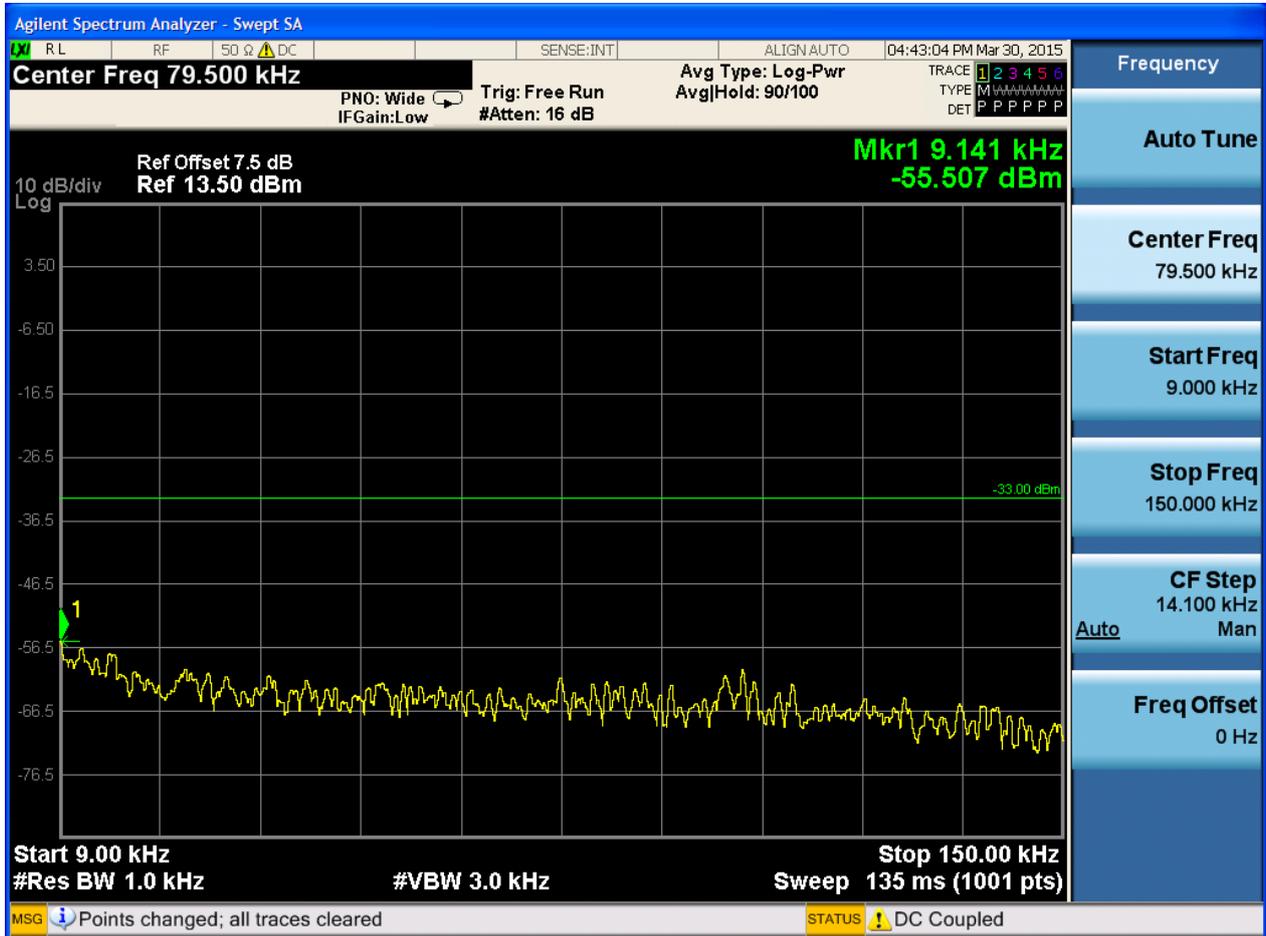


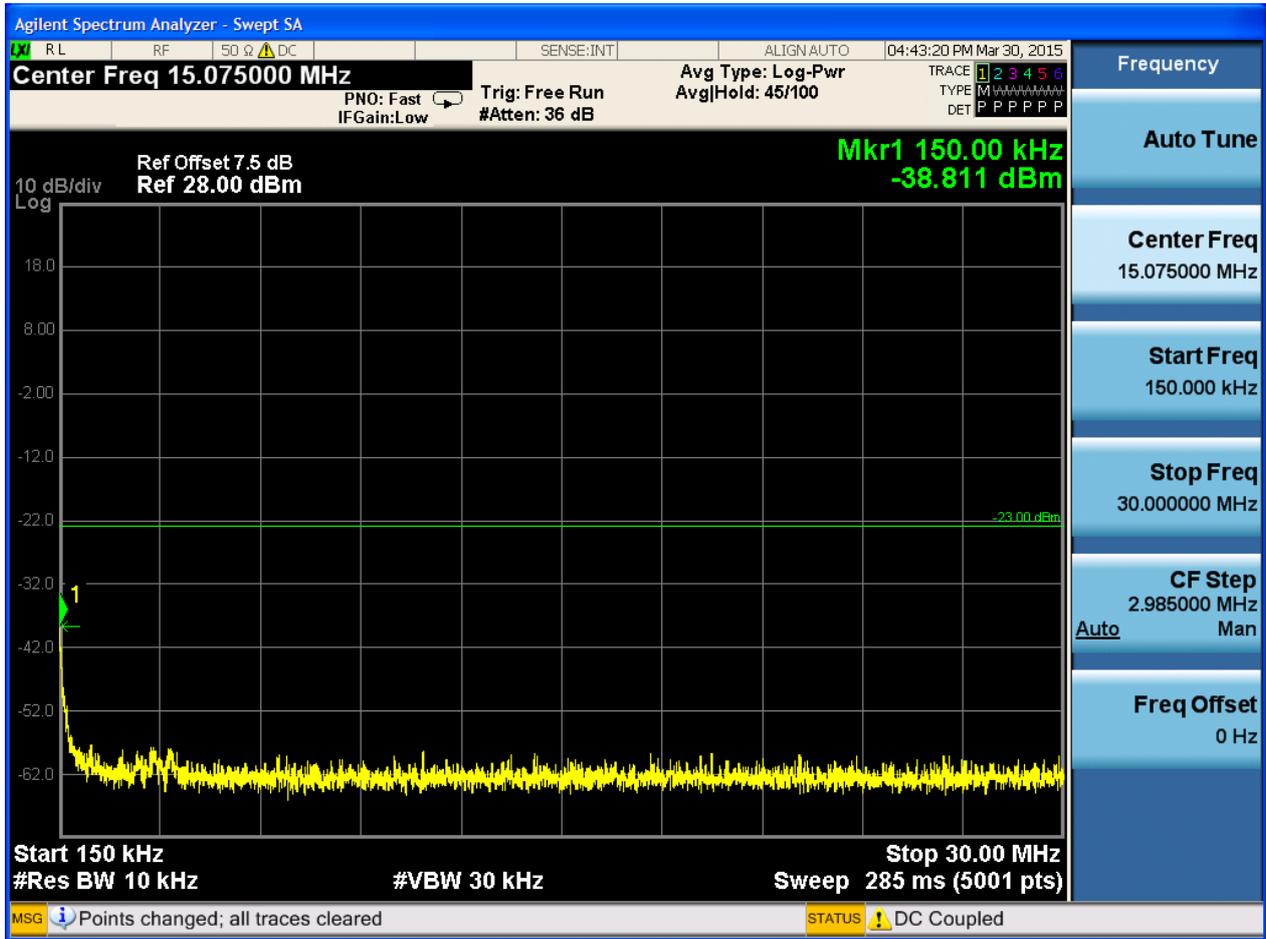


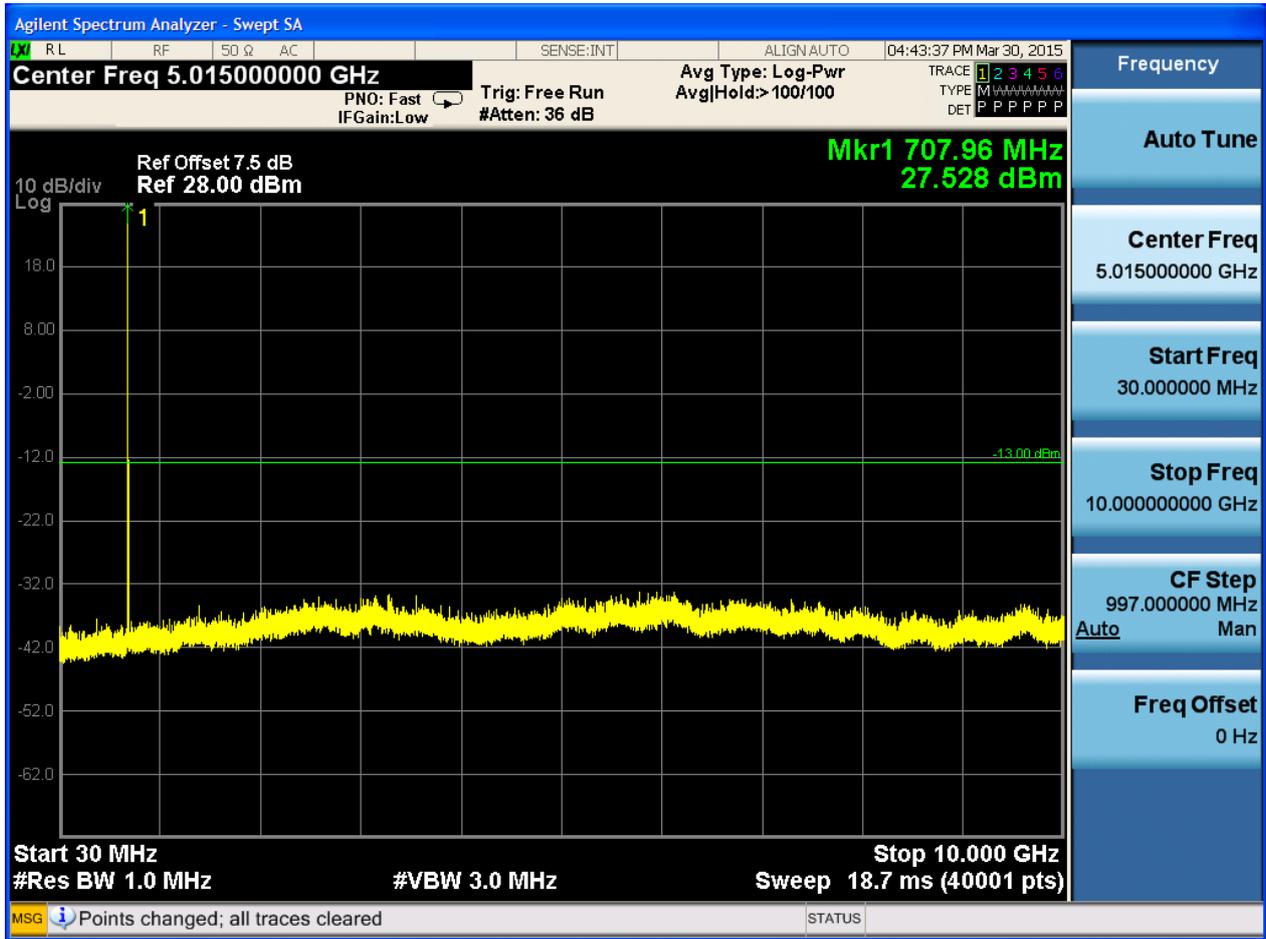


6.3.5.2.1.2 Test Channel = MCH

6.3.5.2.1.2.1 Test RB = RB1#0



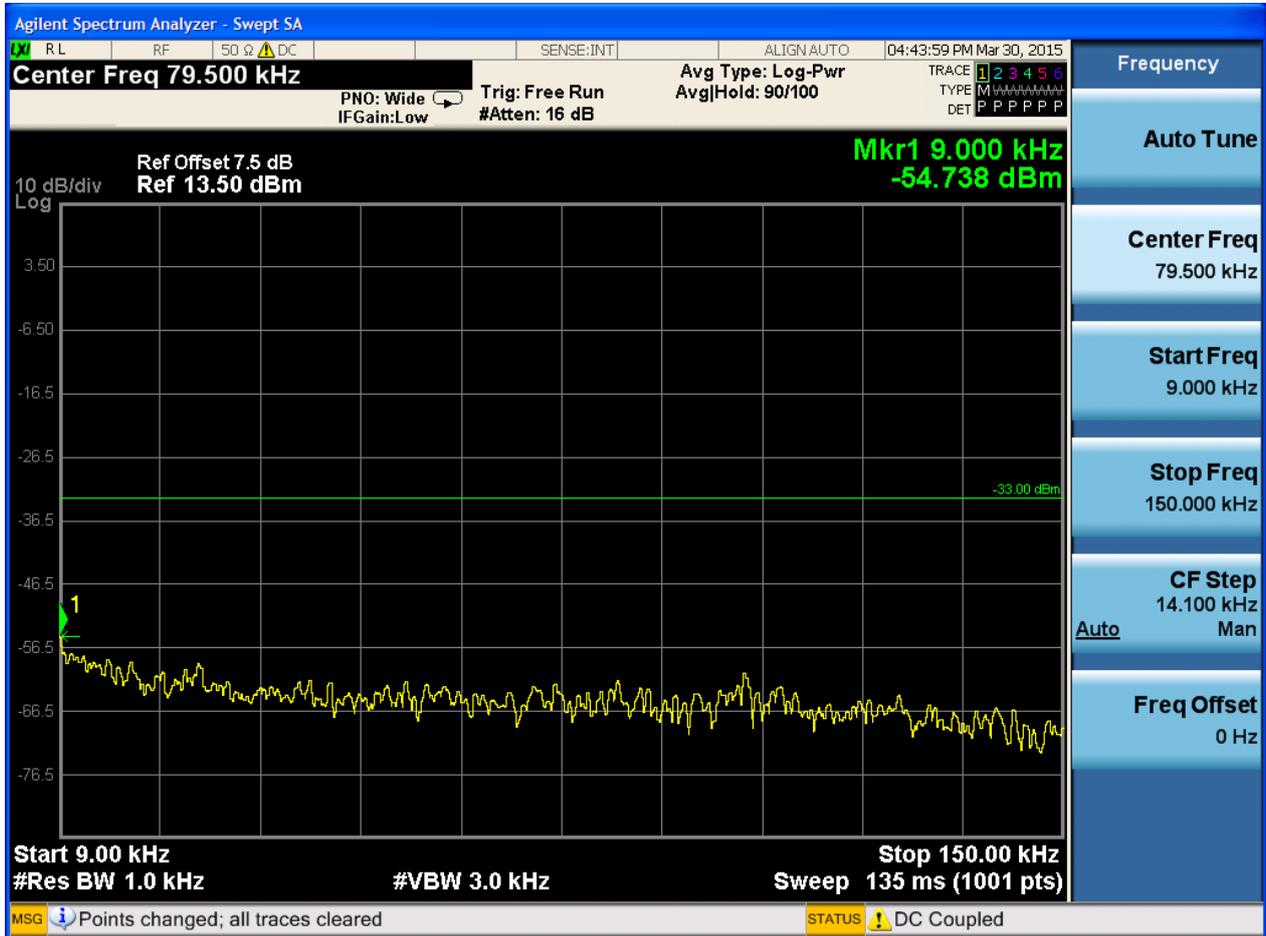


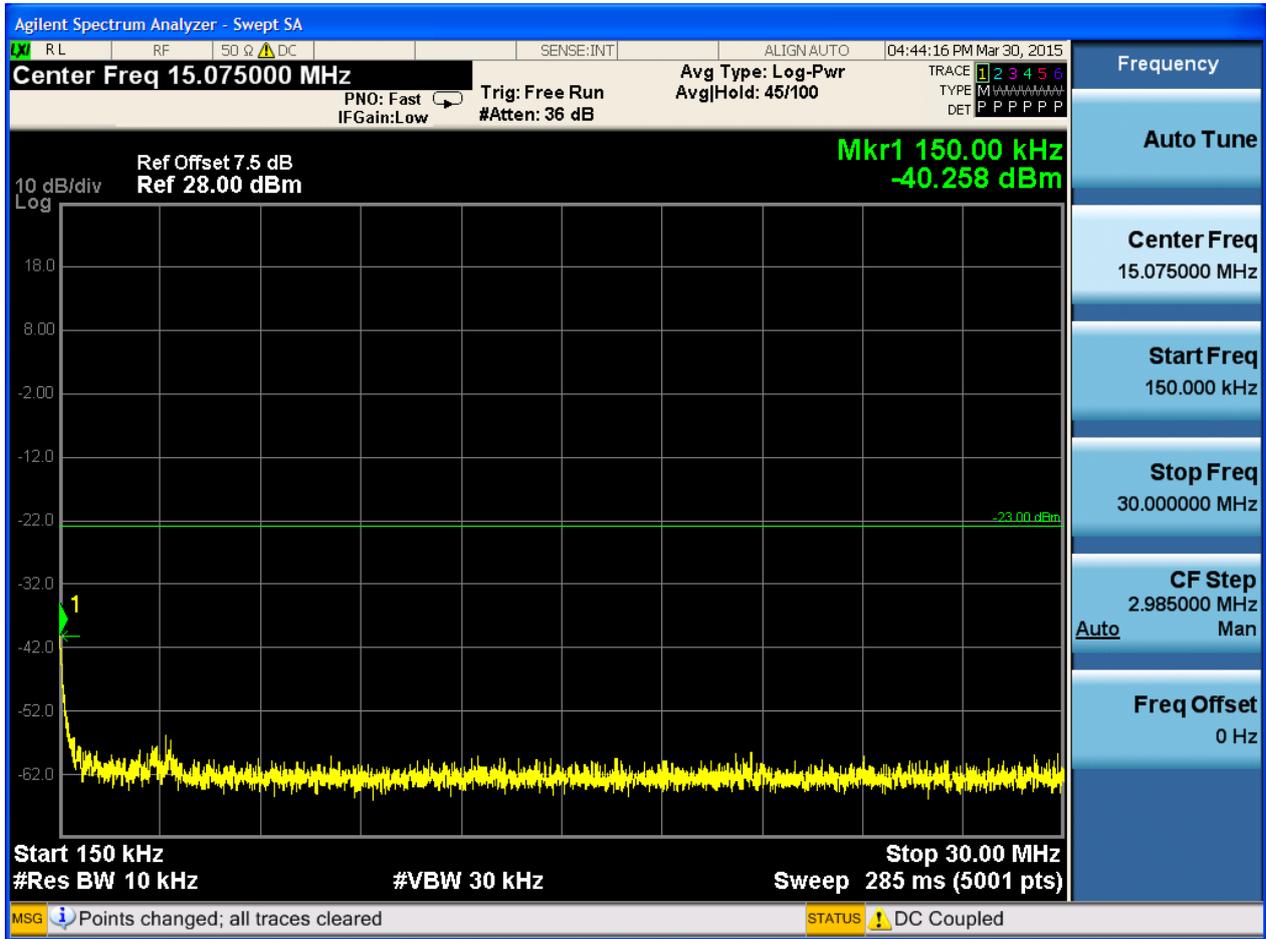


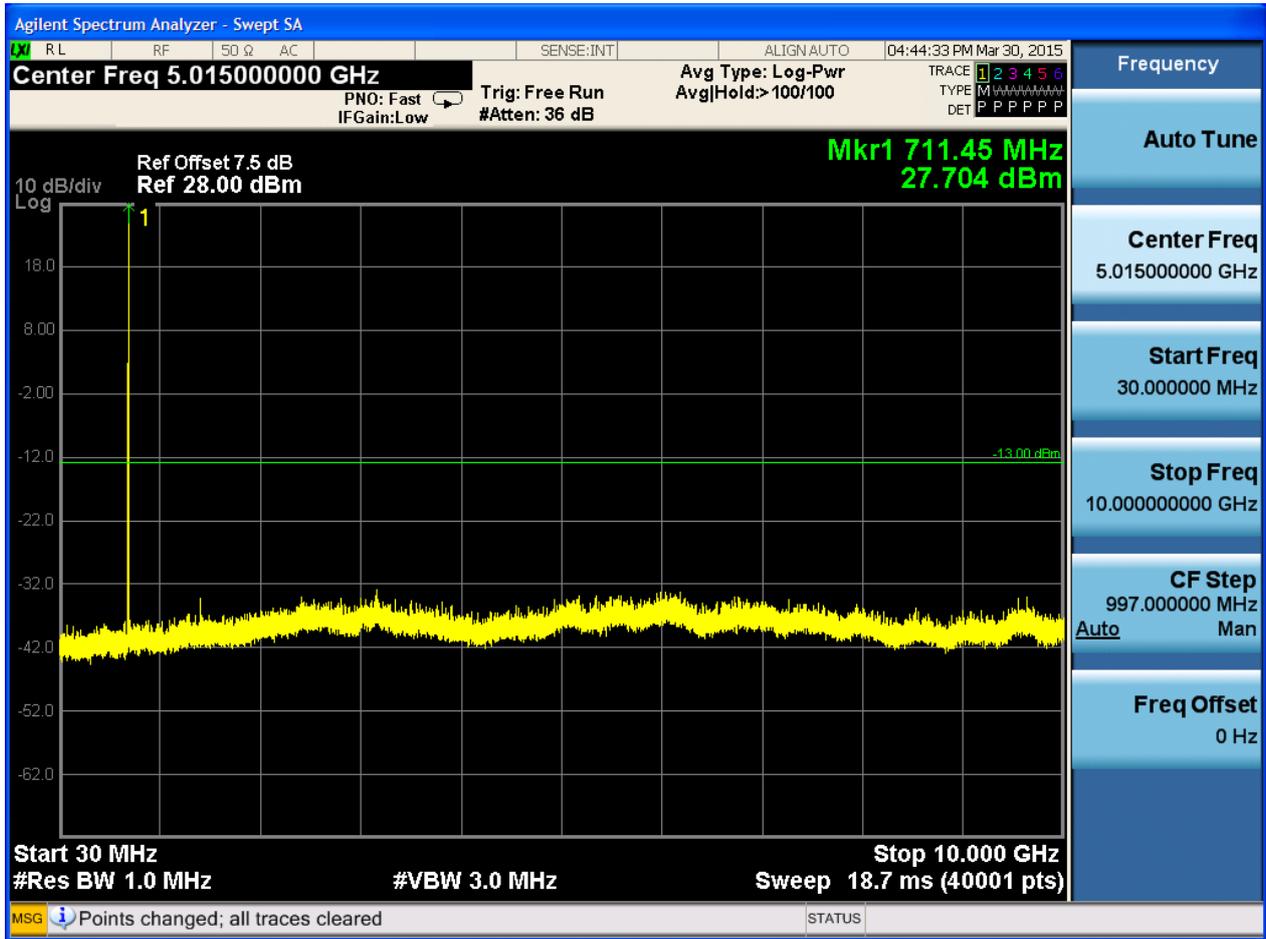


6.3.5.2.1.3 Test Channel = HCH

6.3.5.2.1.3.1 Test RB = RB1#0





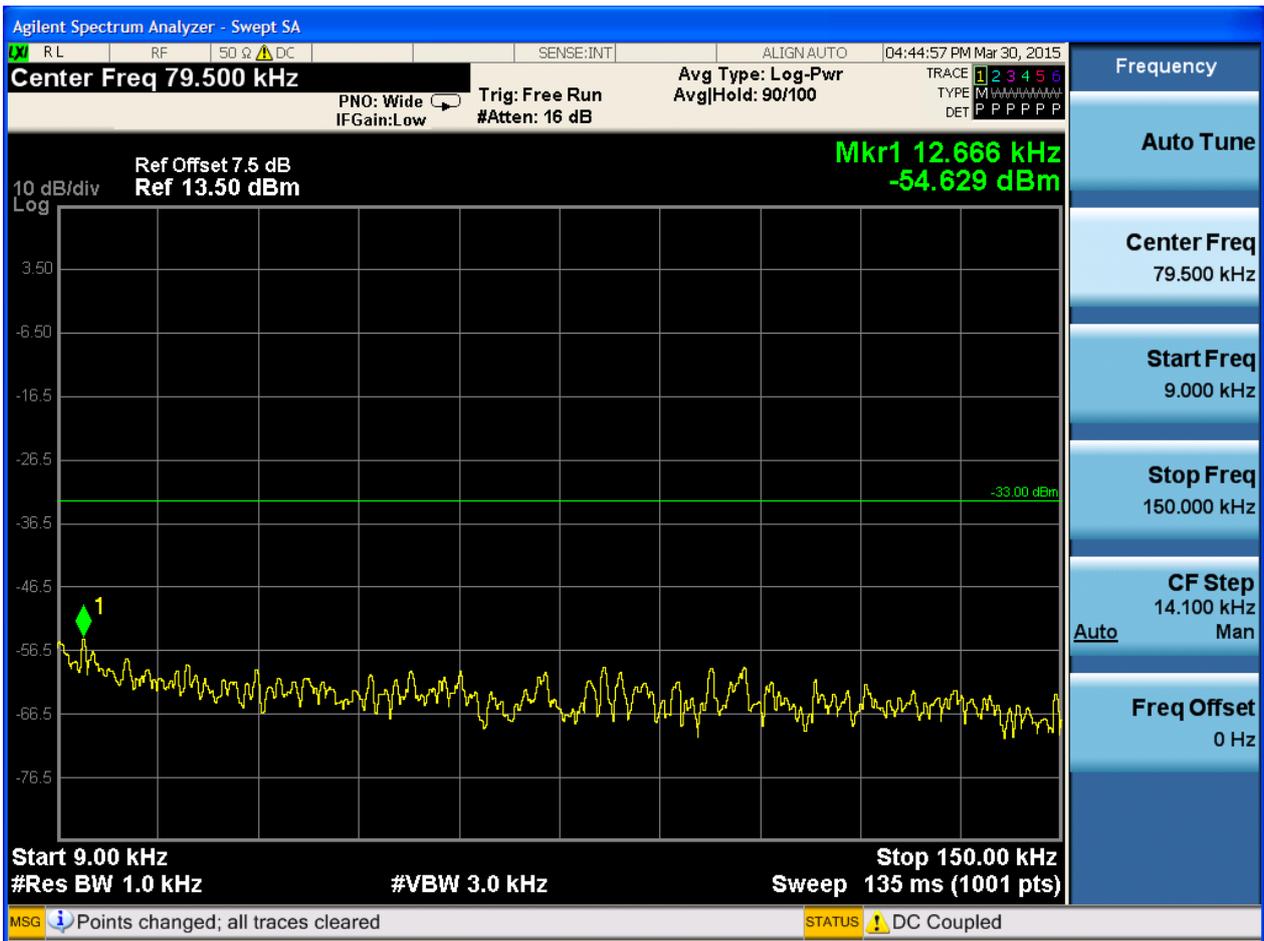


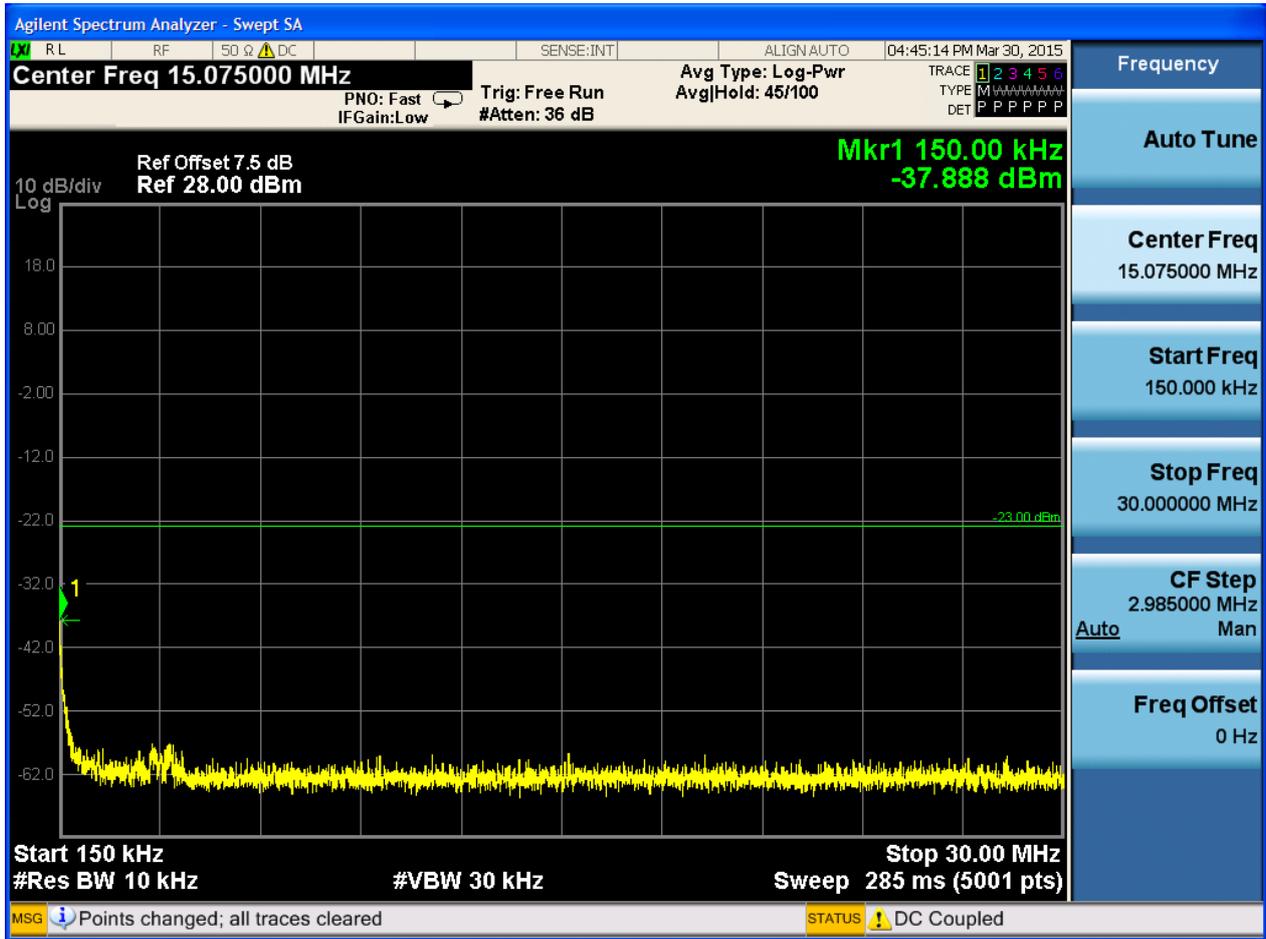


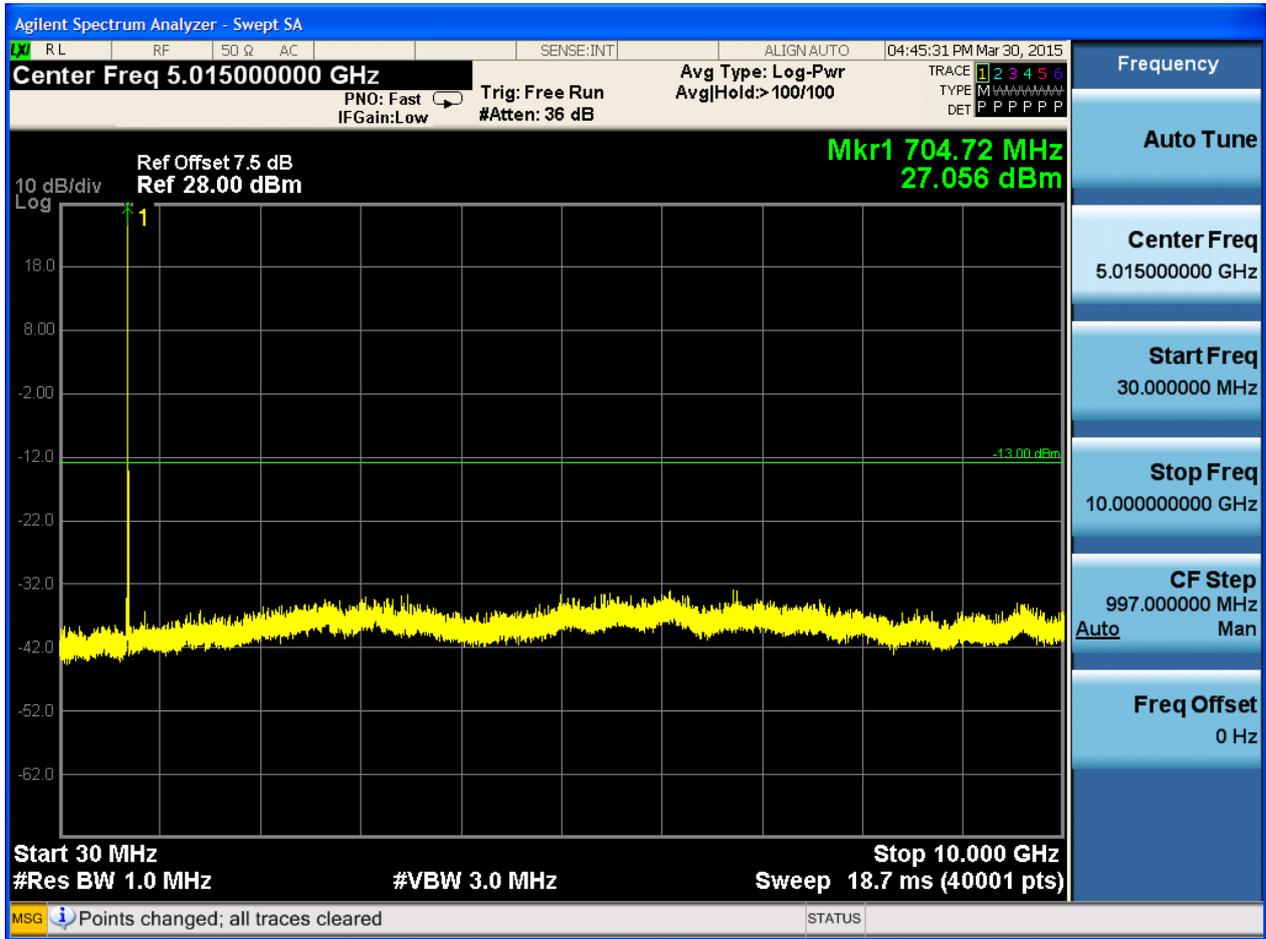
6.3.5.2.2 Test Bandwidth = 10

6.3.5.2.2.1 Test Channel = LCH

6.3.5.2.2.1.1 Test RB = RB1#0



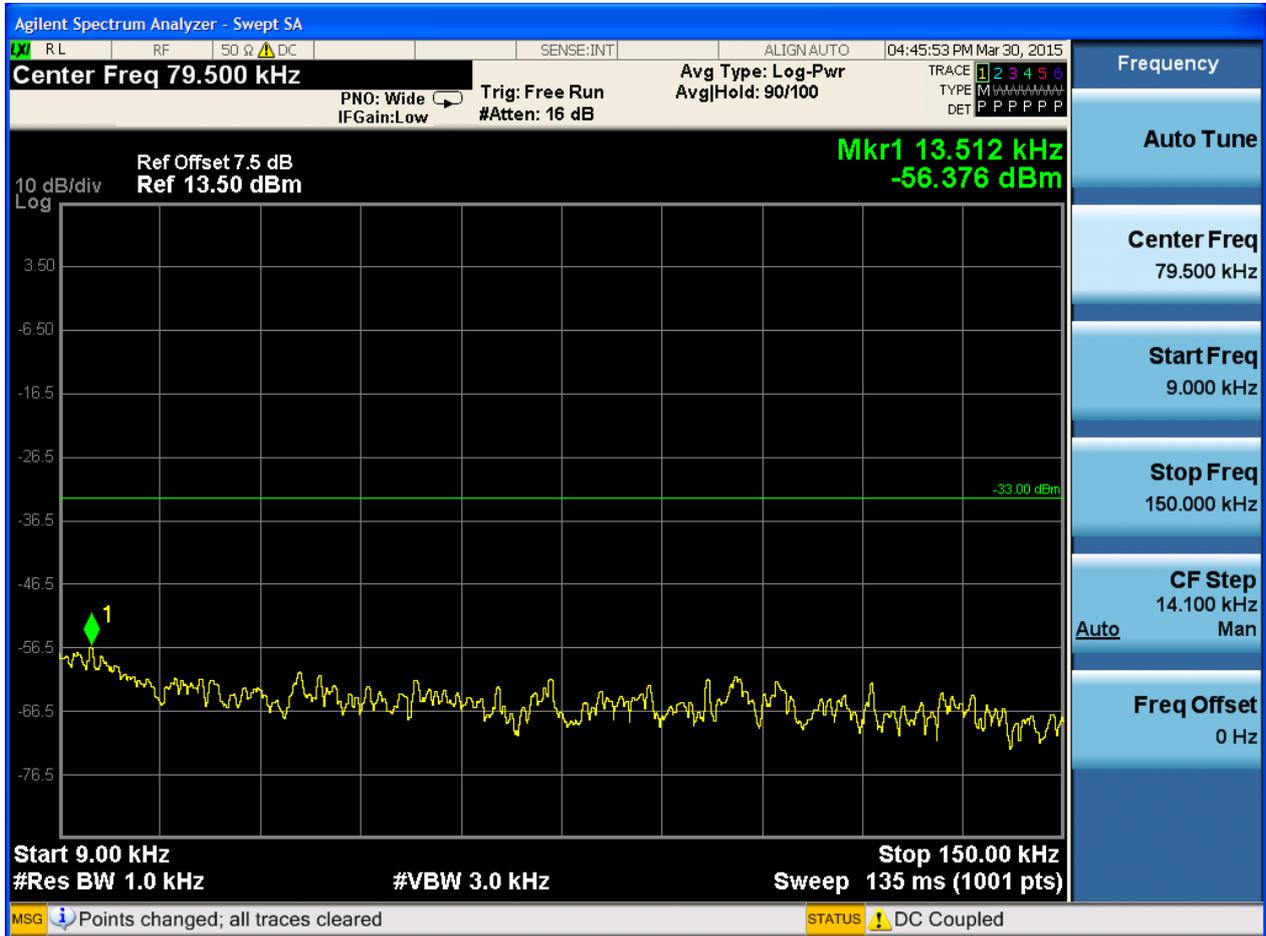


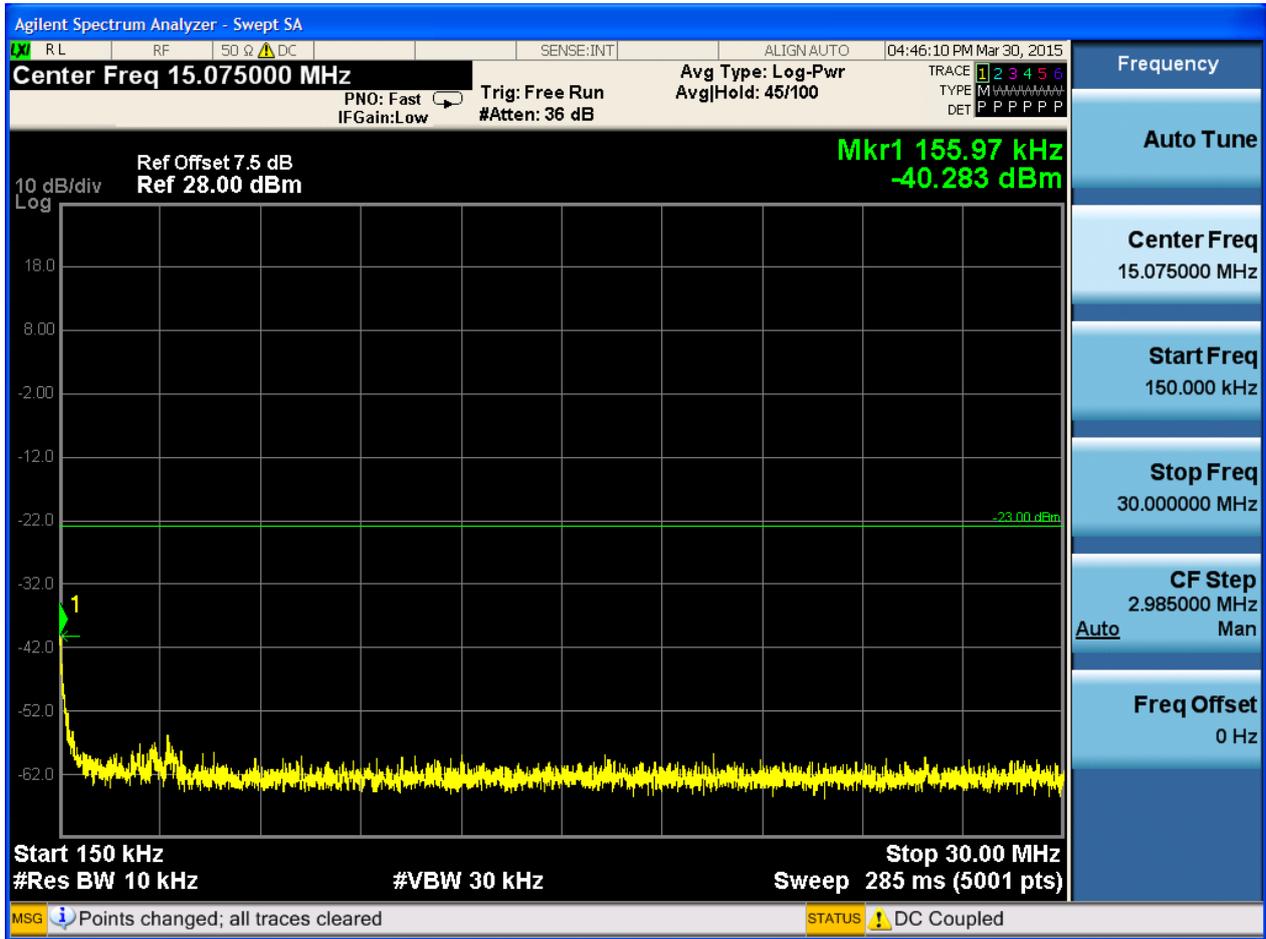


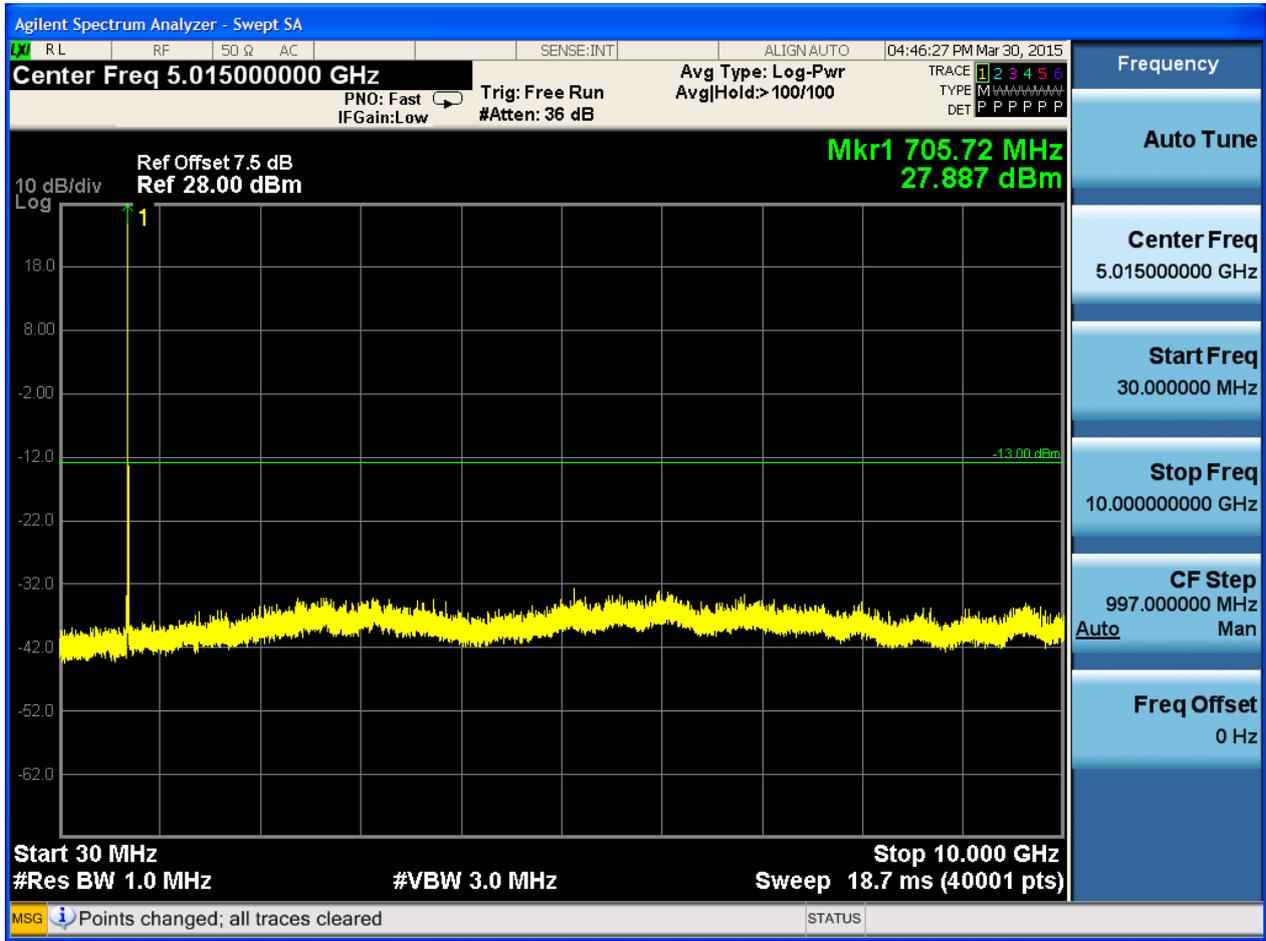


6.3.5.2.2 Test Channel = MCH

6.3.5.2.2.1 Test RB = RB1#0



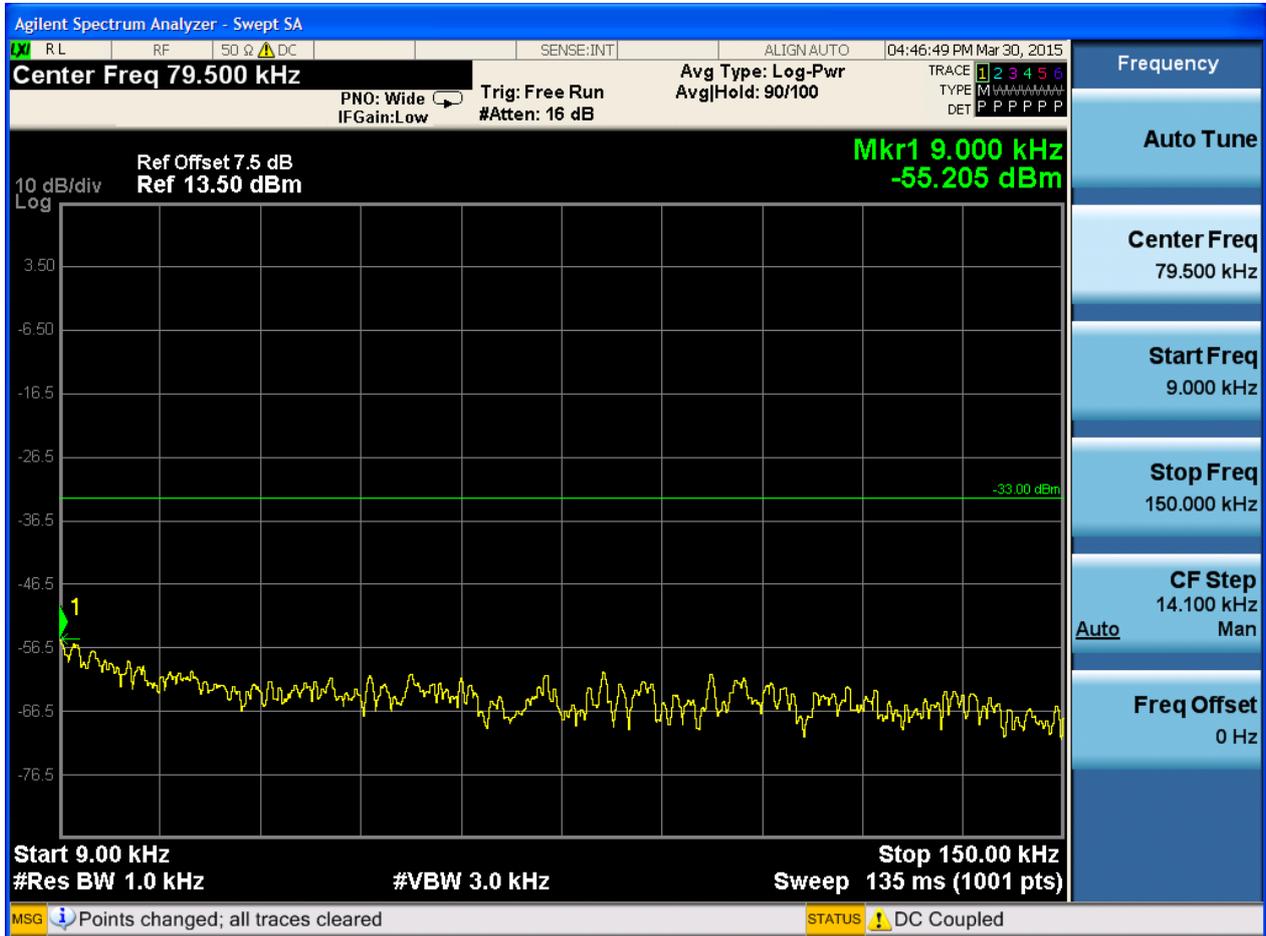


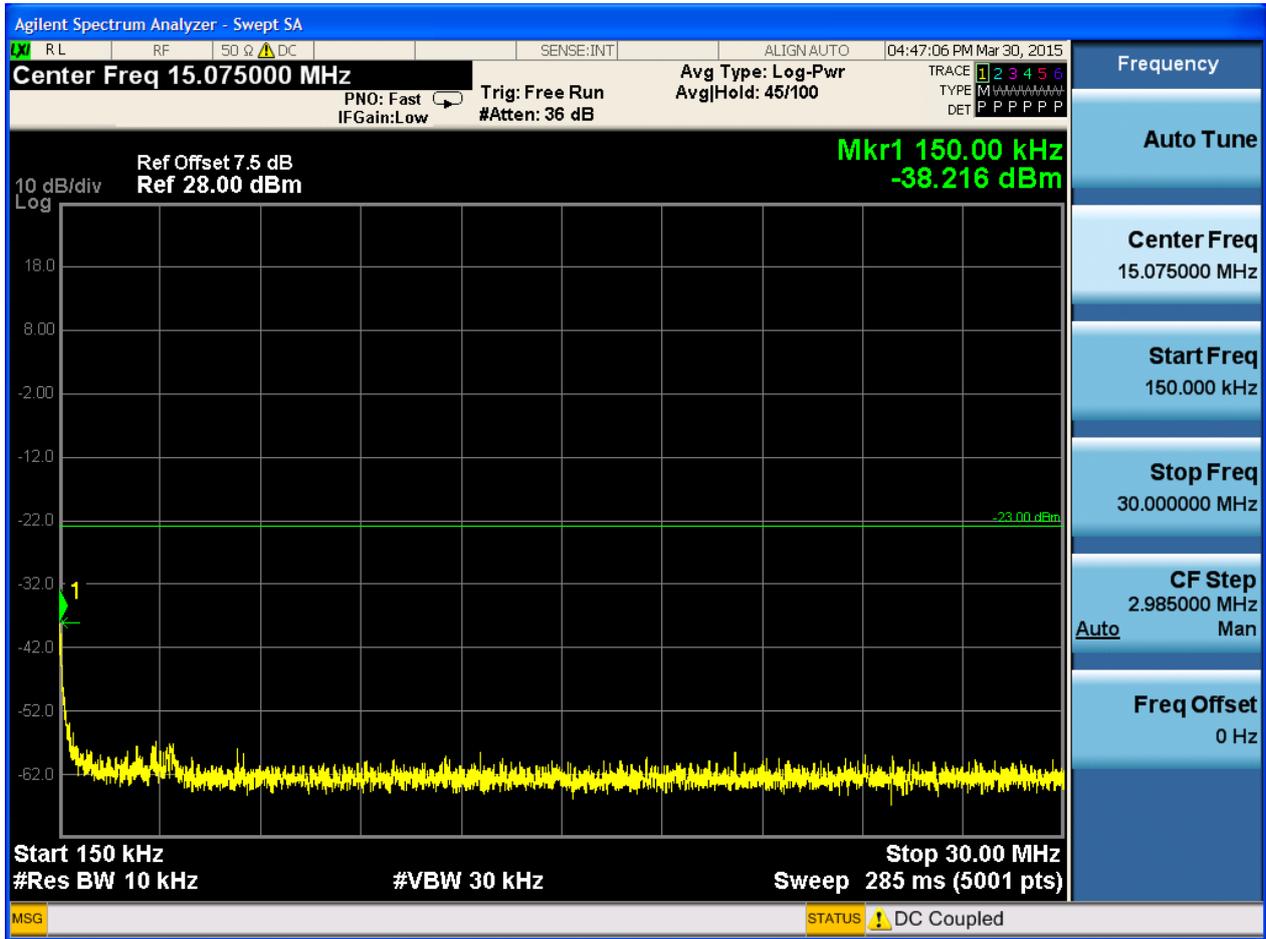


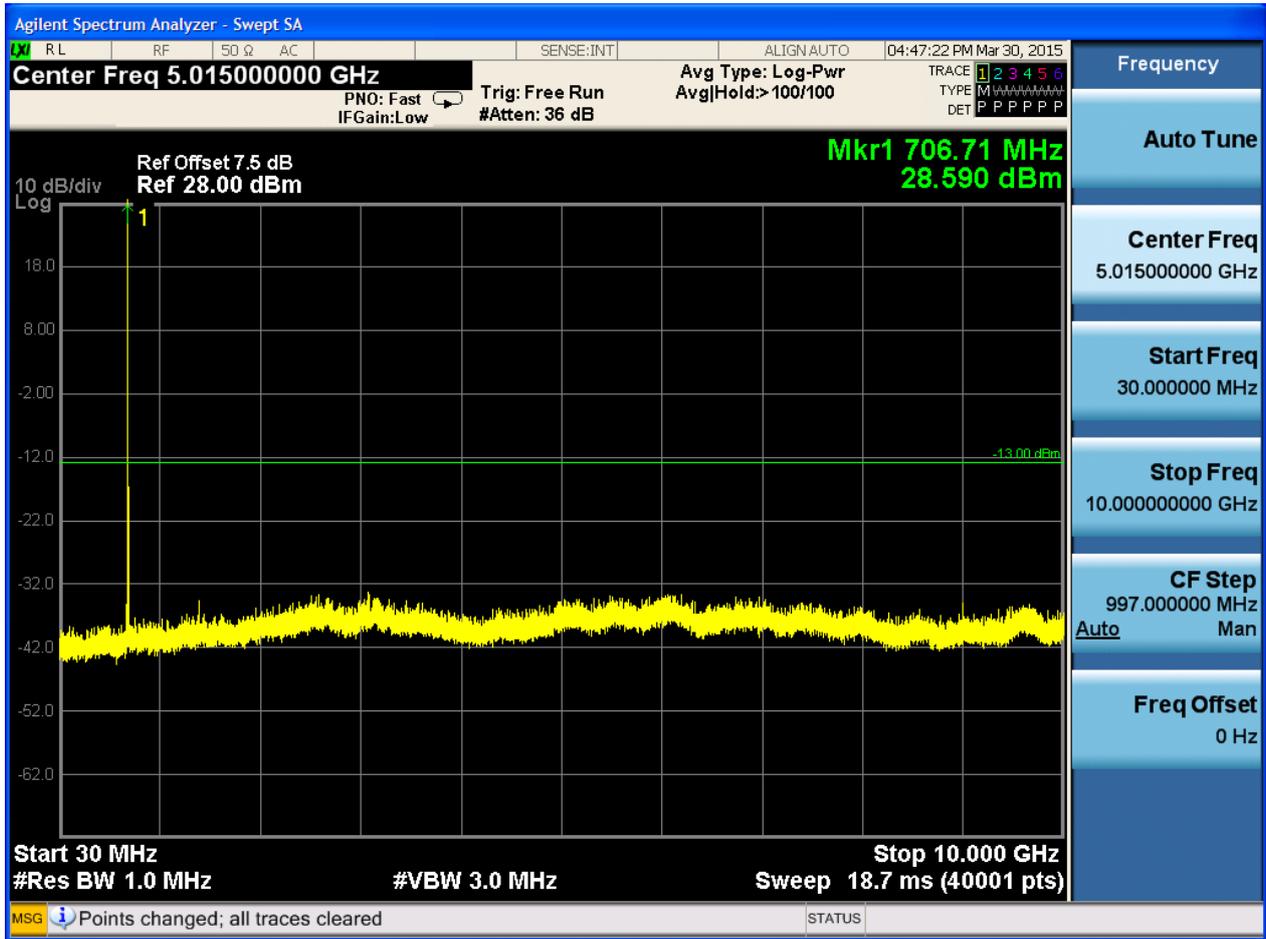


### 6.3.5.2.2.3 Test Channel = HCH

#### 6.3.5.2.2.3.1 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, 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

NOTE1: No peak found in the Test Range of “9 kHz to 30MHz”

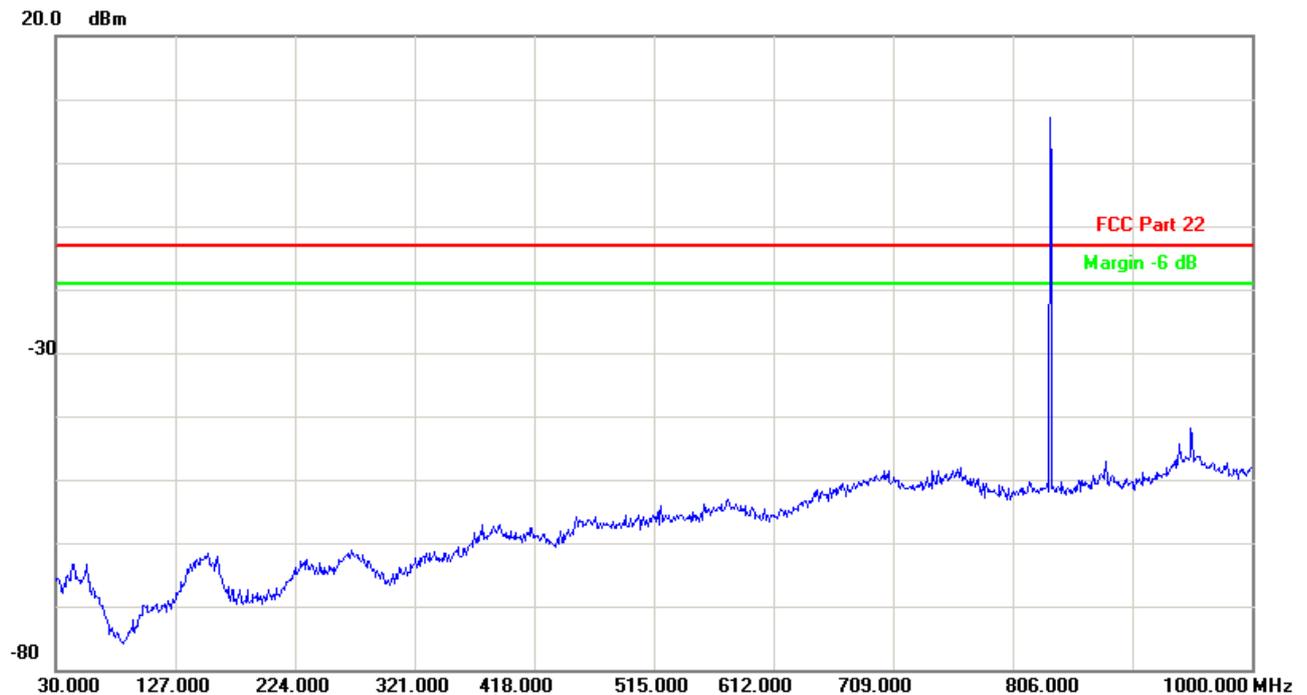
NOTE2: We tested all modes, but the data presented below is the worst case.

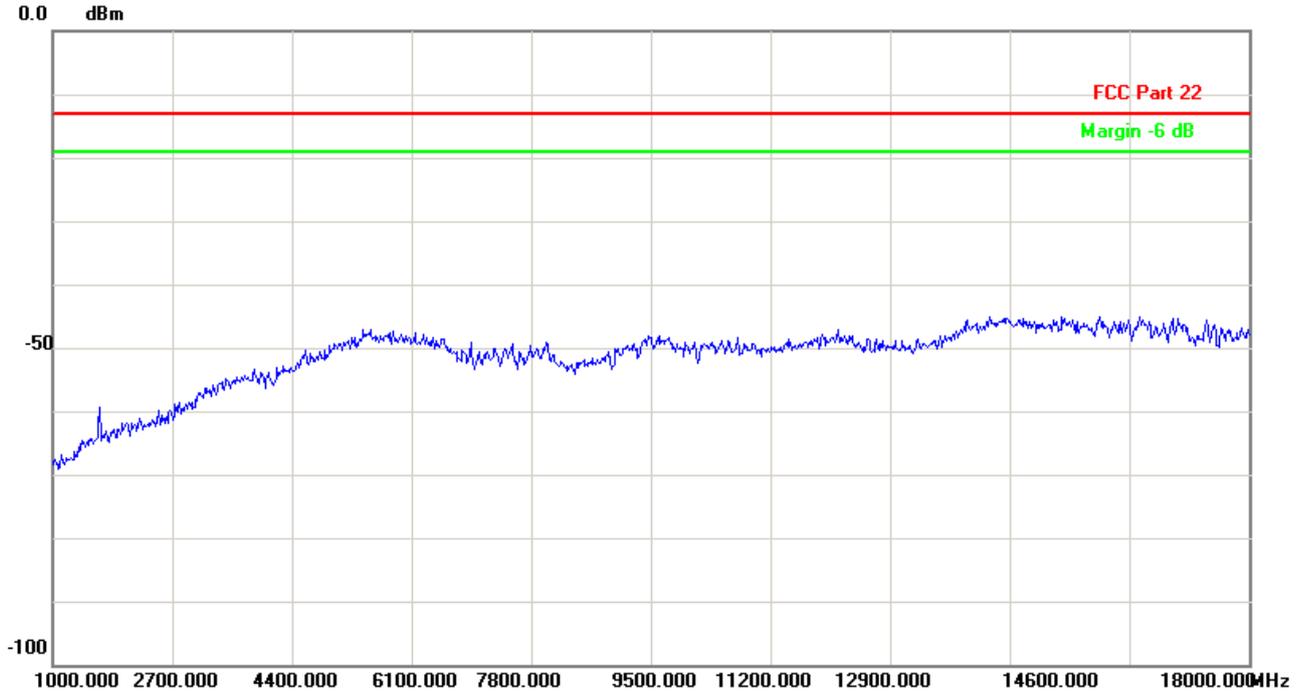
### Part I - Test Plots

#### 7.1 For GSM

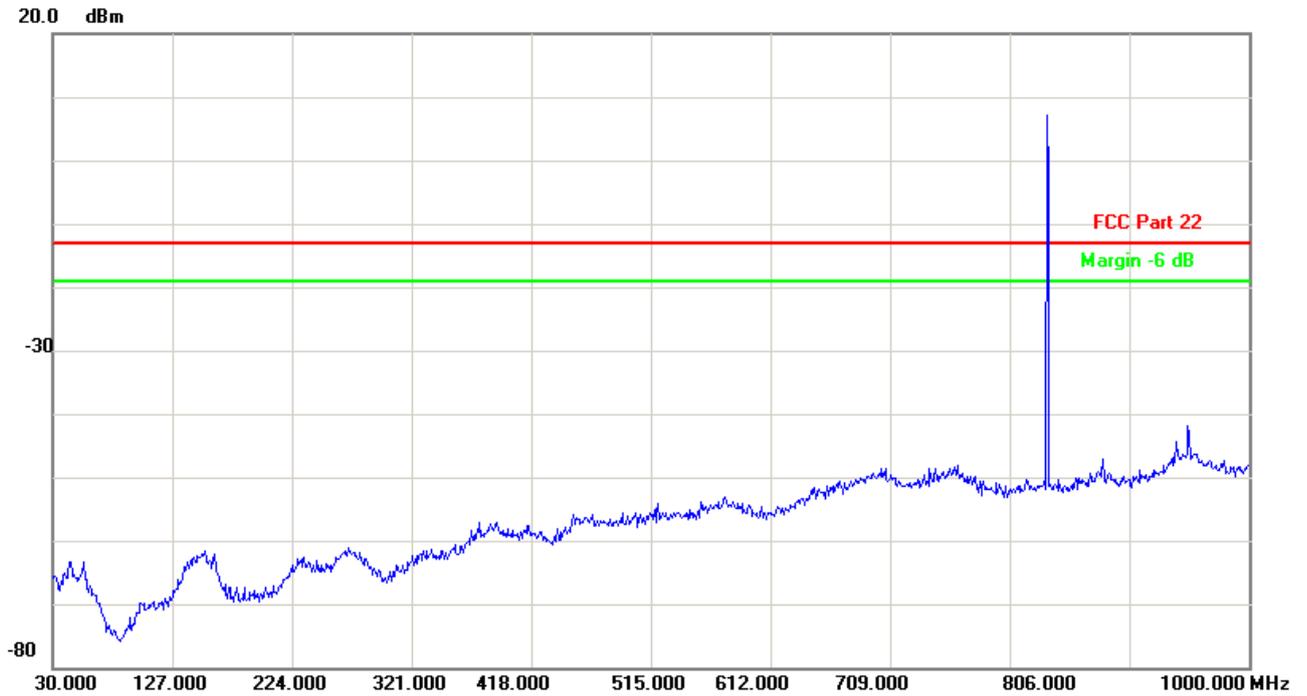
##### 7.1.1 Test Band = GSM850

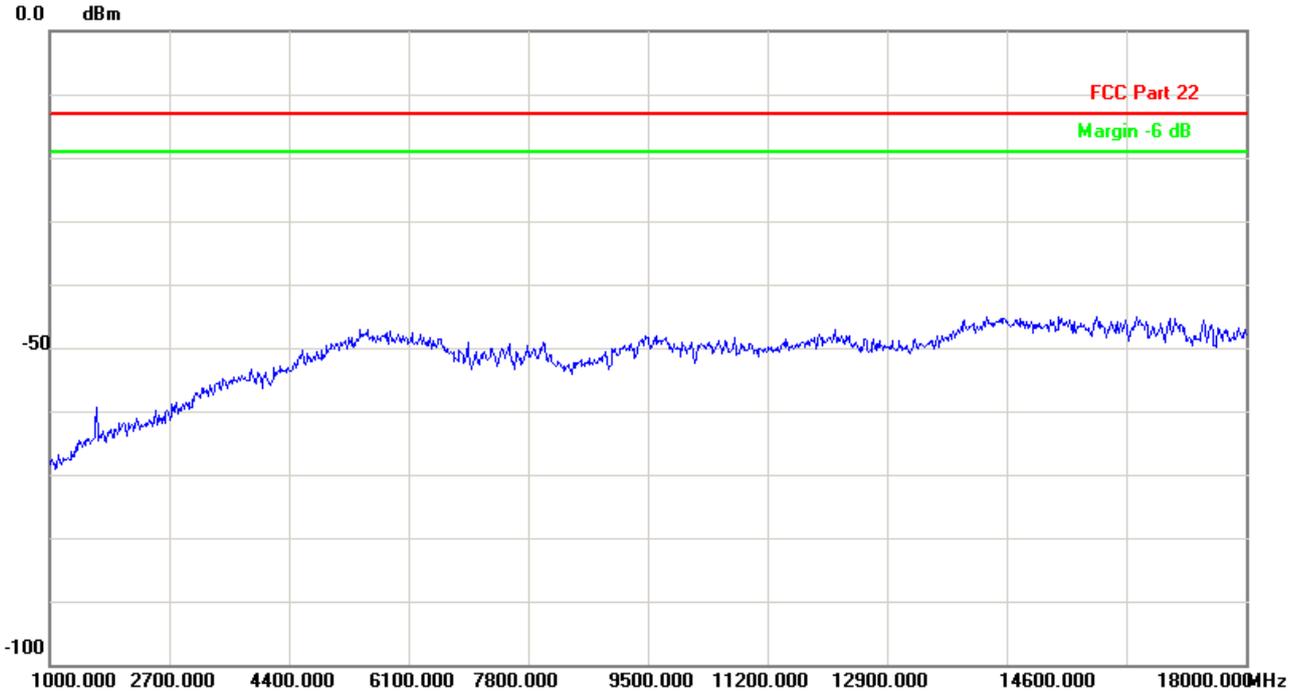
##### 7.1.1.1 Test Mode = GSM/TM1





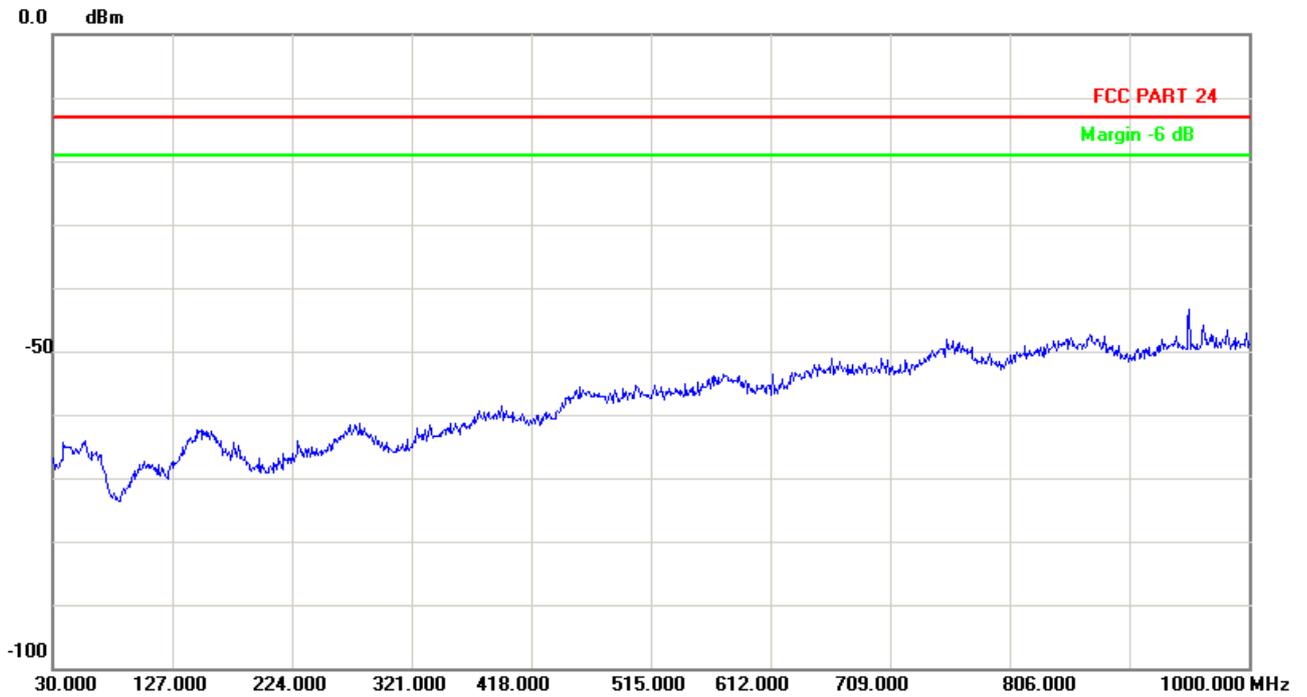
### 7.1.1.2 Test Mode = GSM/TM2

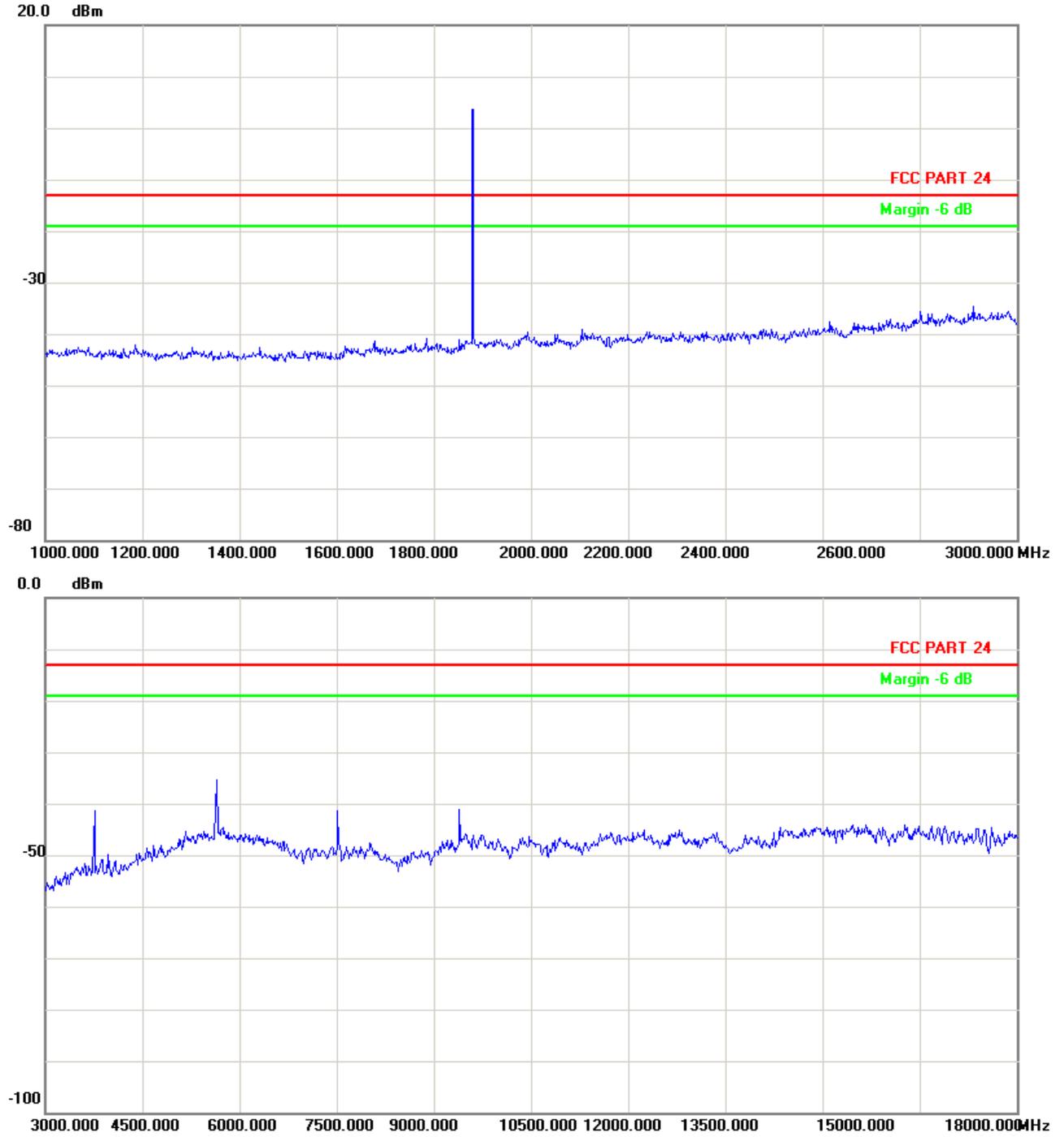


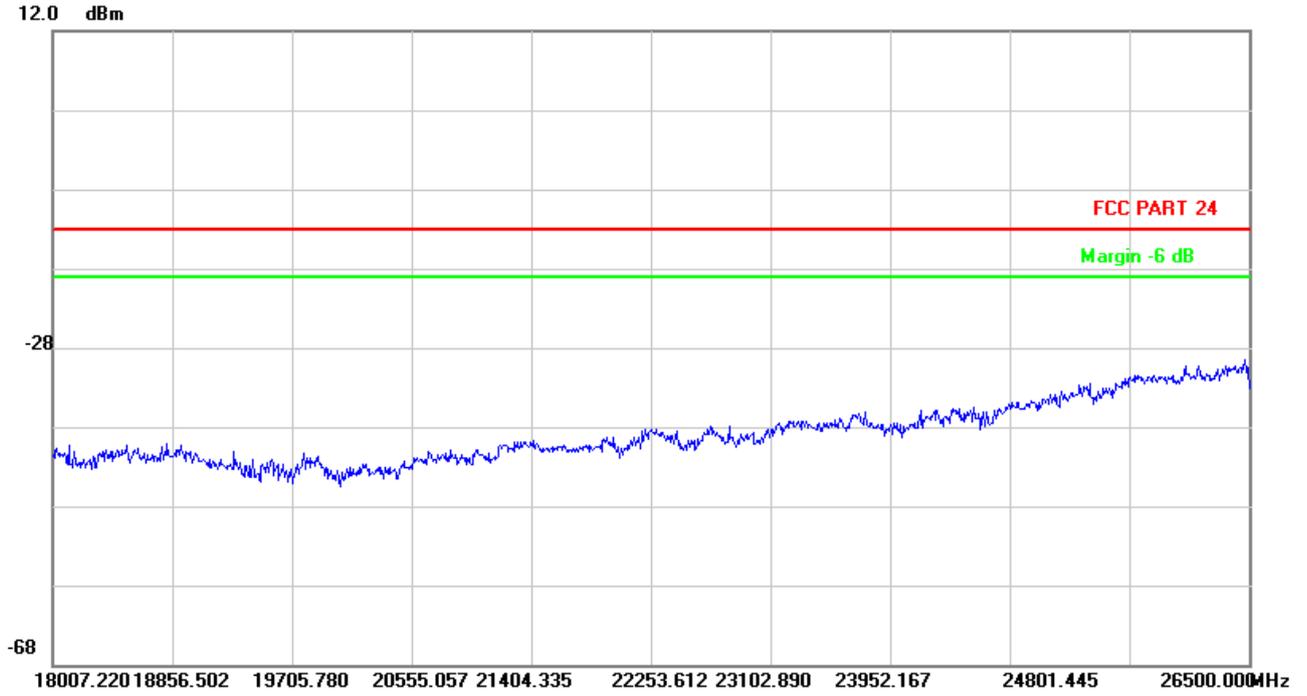


### 7.1.2 Test Band = GSM1900

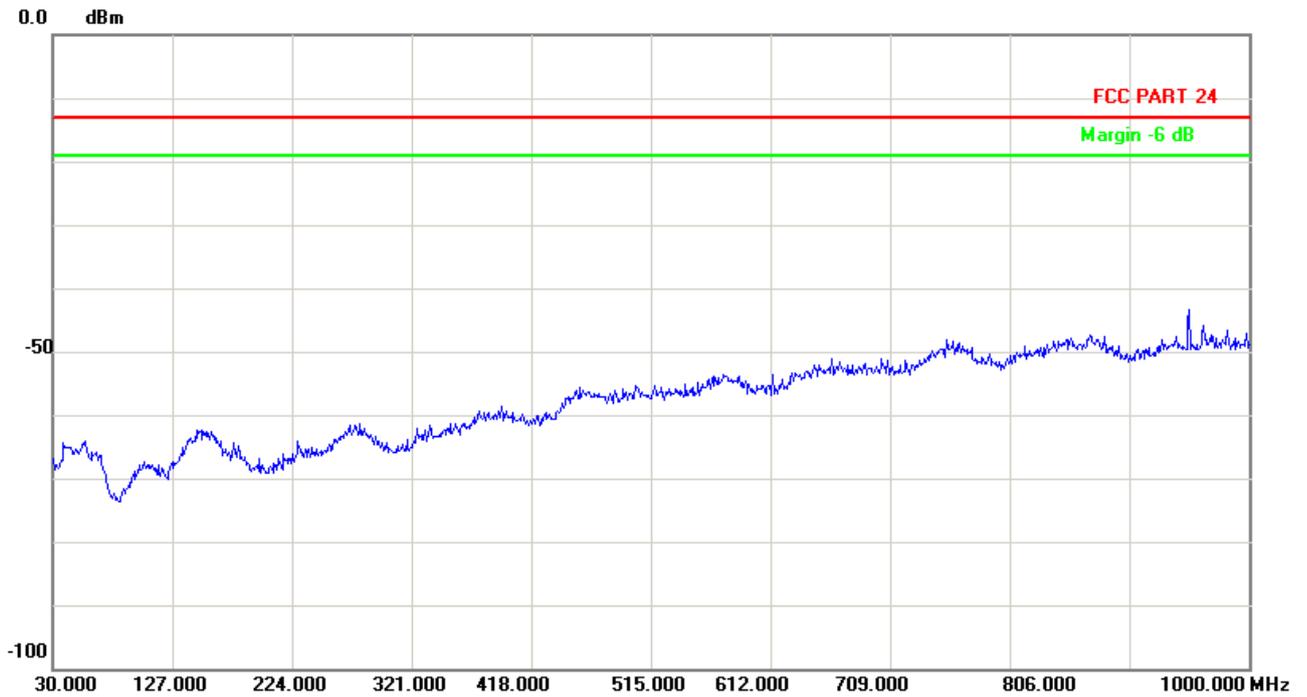
#### 7.1.2.1 Test Mode = GSM/TM1

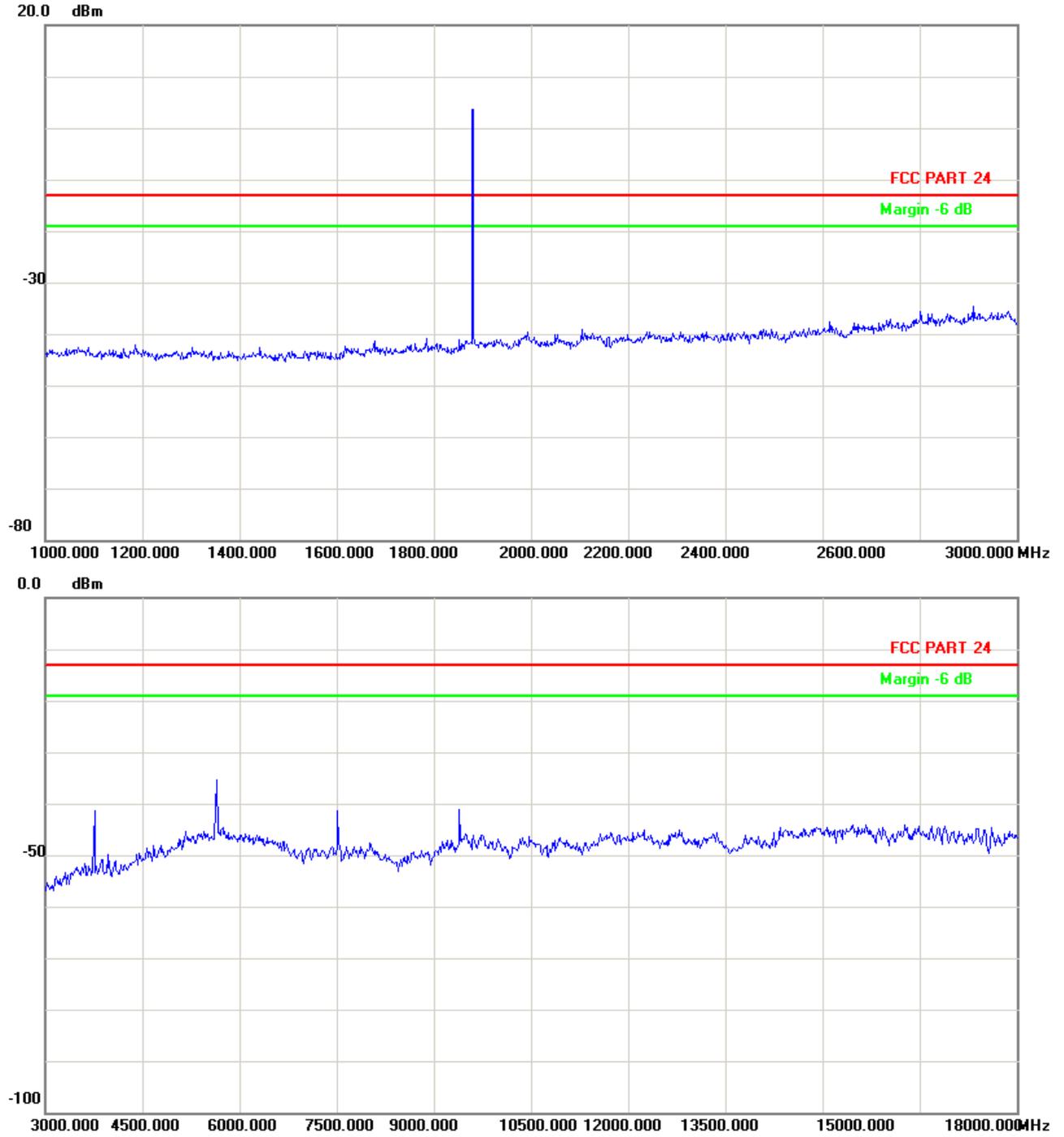


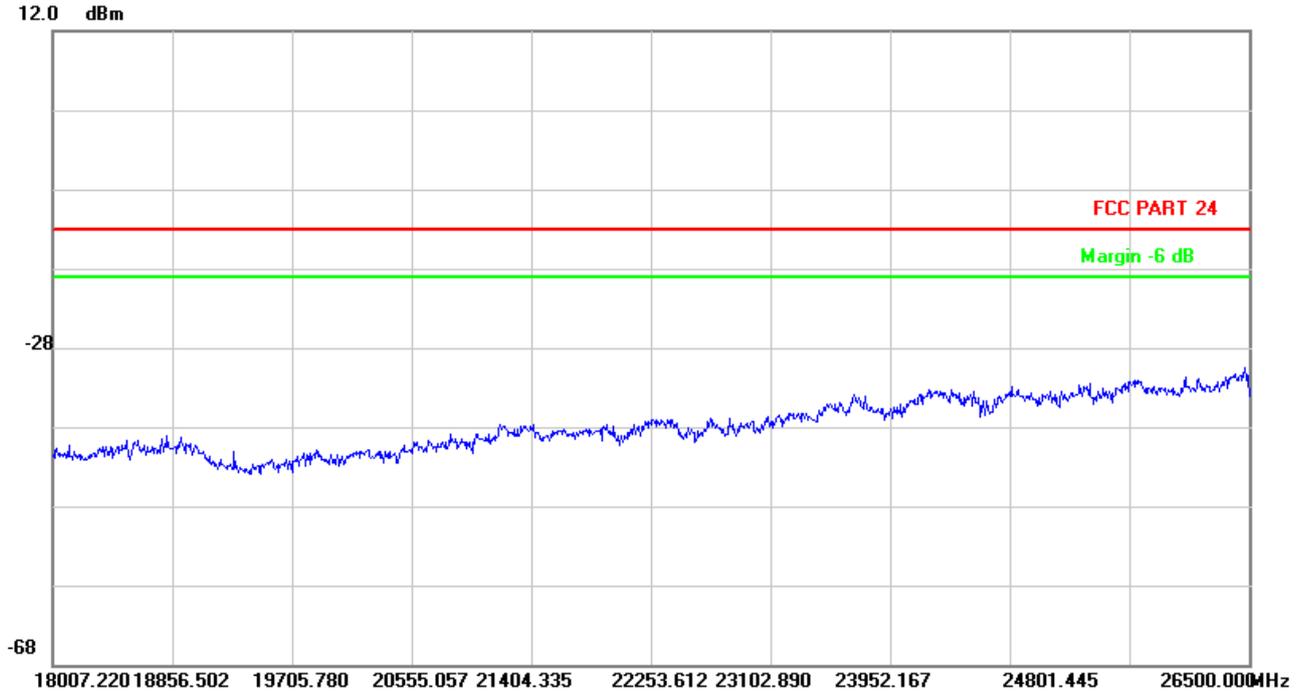




### 7.1.2.2 Test Mode = GSM/TM2



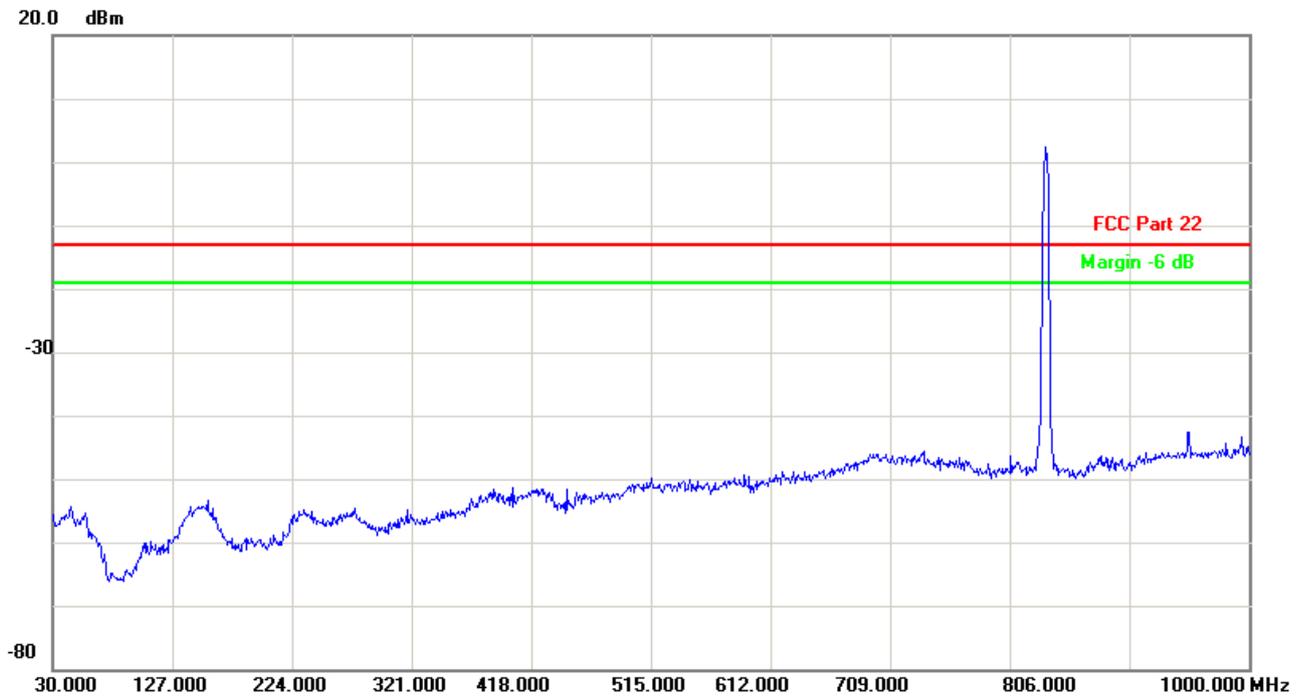




## 7.2 For UMTS

### 7.2.1 Test Band = WCDMA850

#### 7.2.1.1 Test Mode = UMTS/TM1





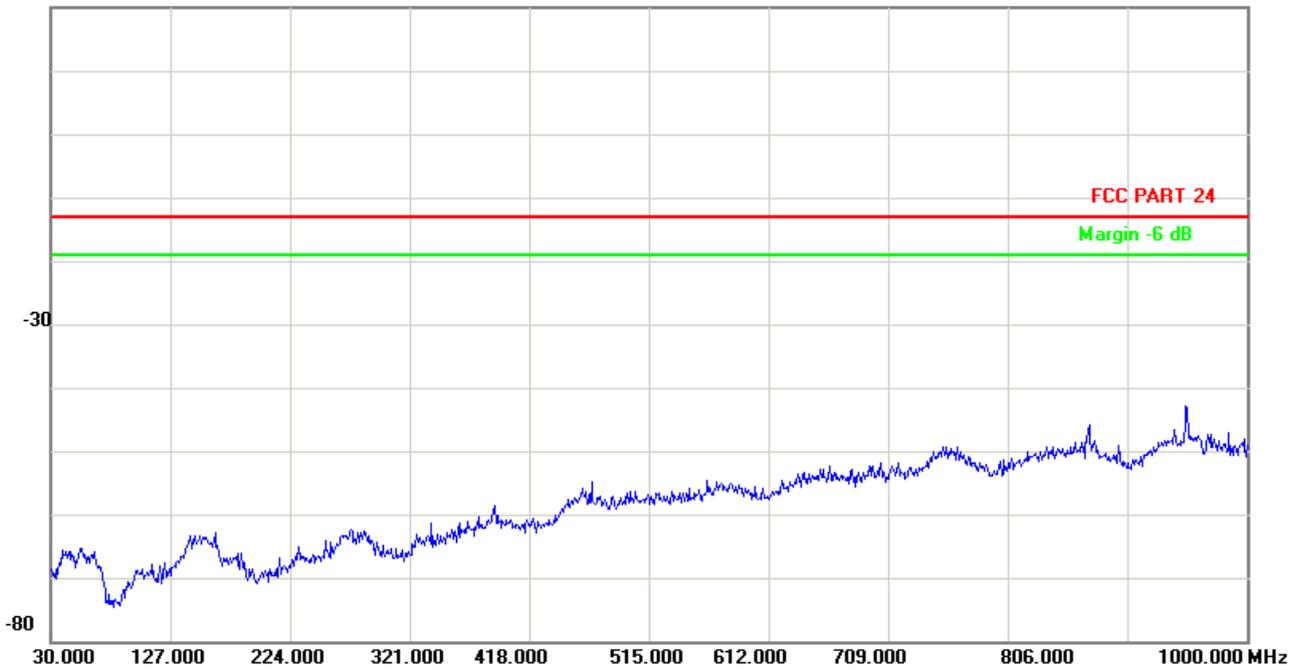
20.0 dBm

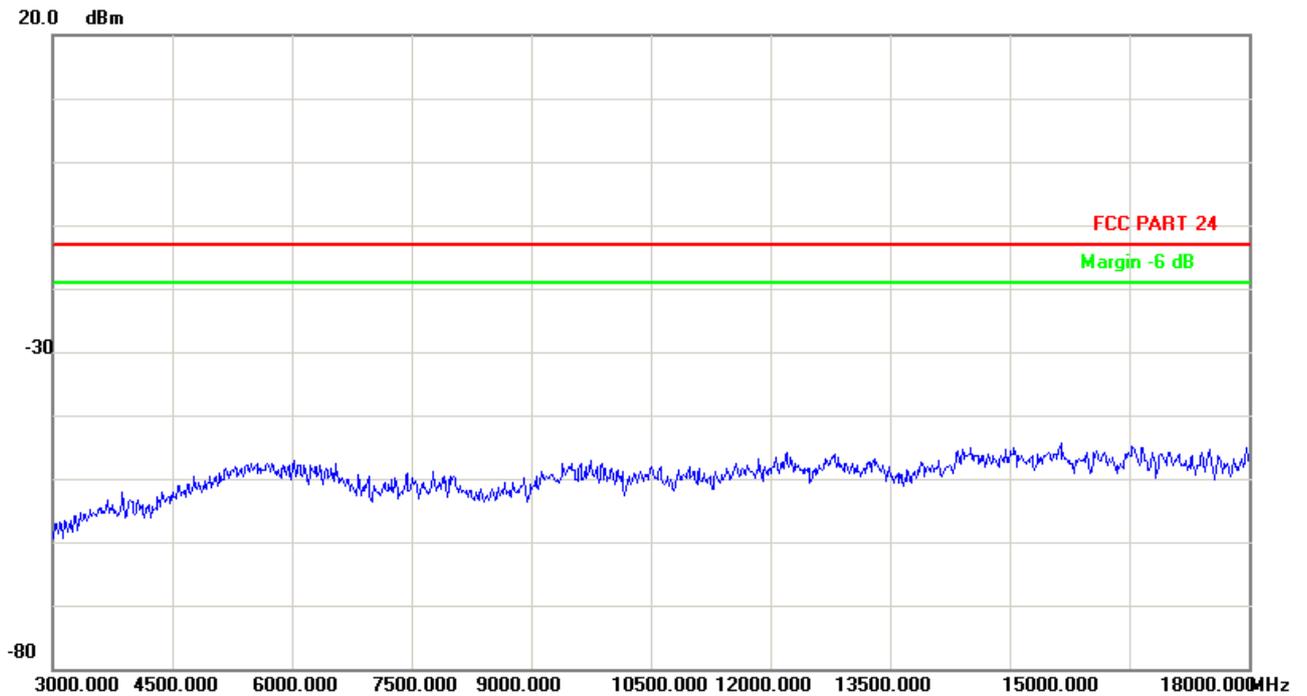
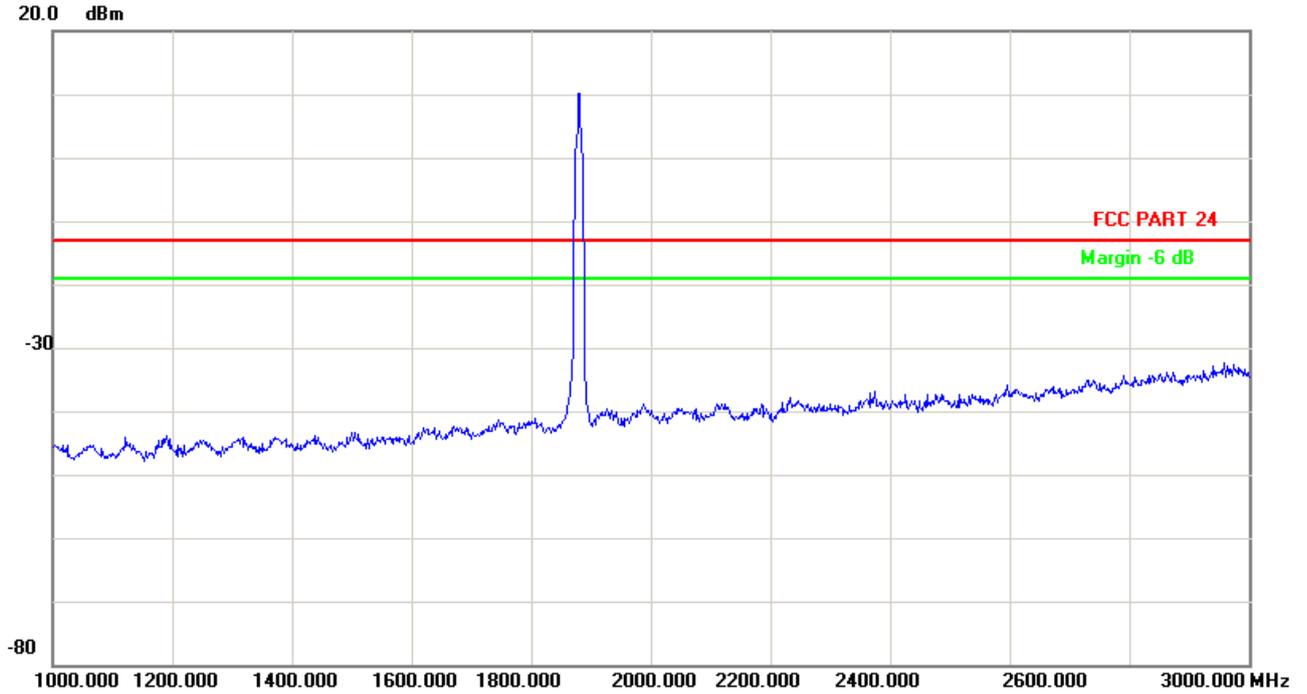


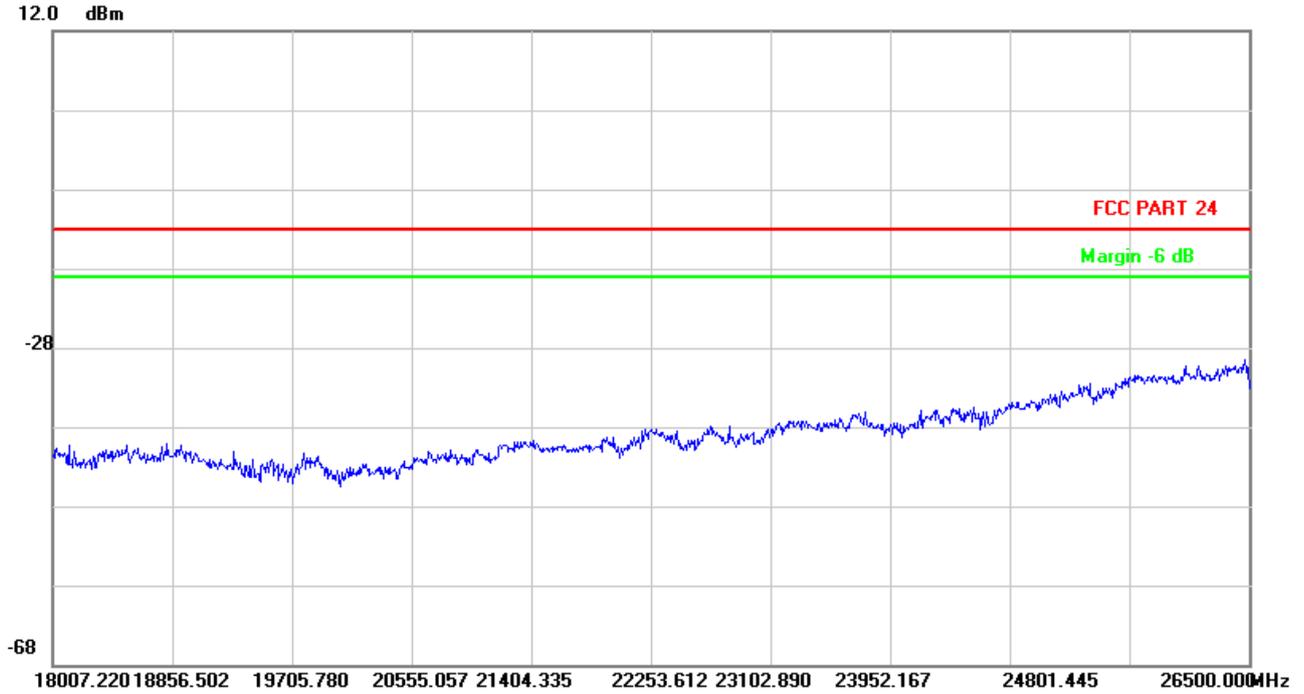
### 7.2.2 Test Band = WCDMA1900

#### 7.2.2.1 Test Mode = UMTS/TM1

20.0 dBm

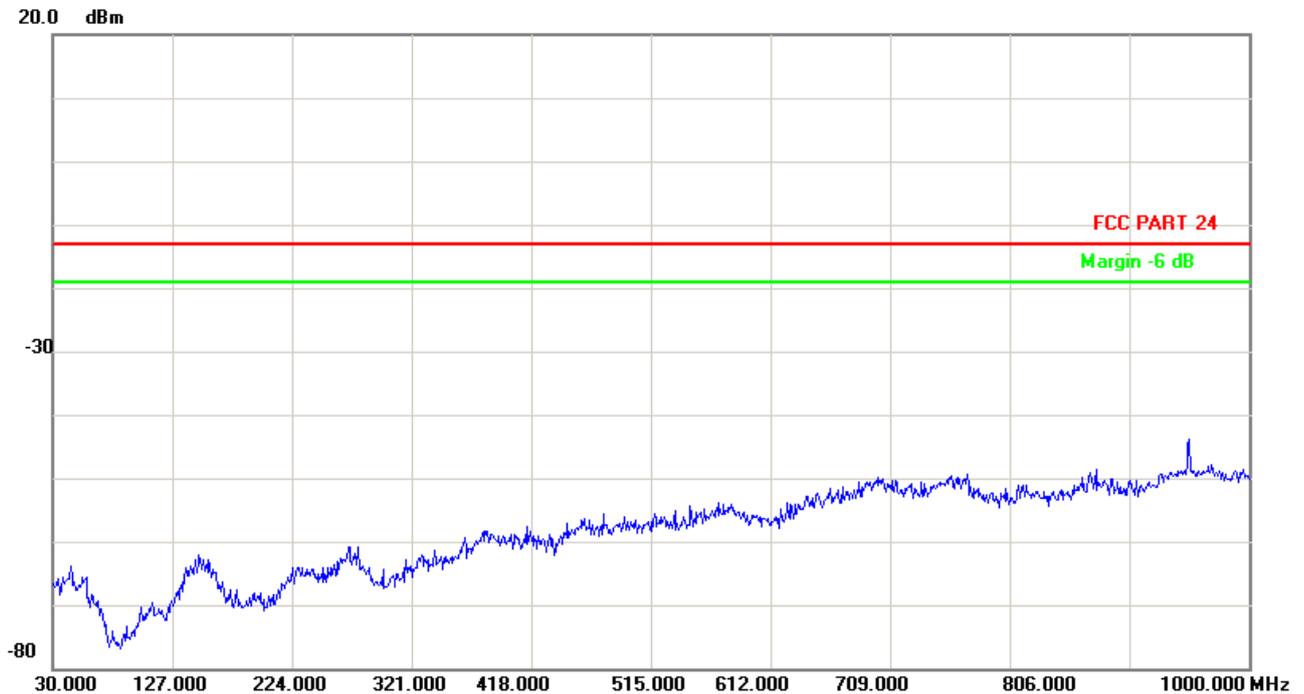


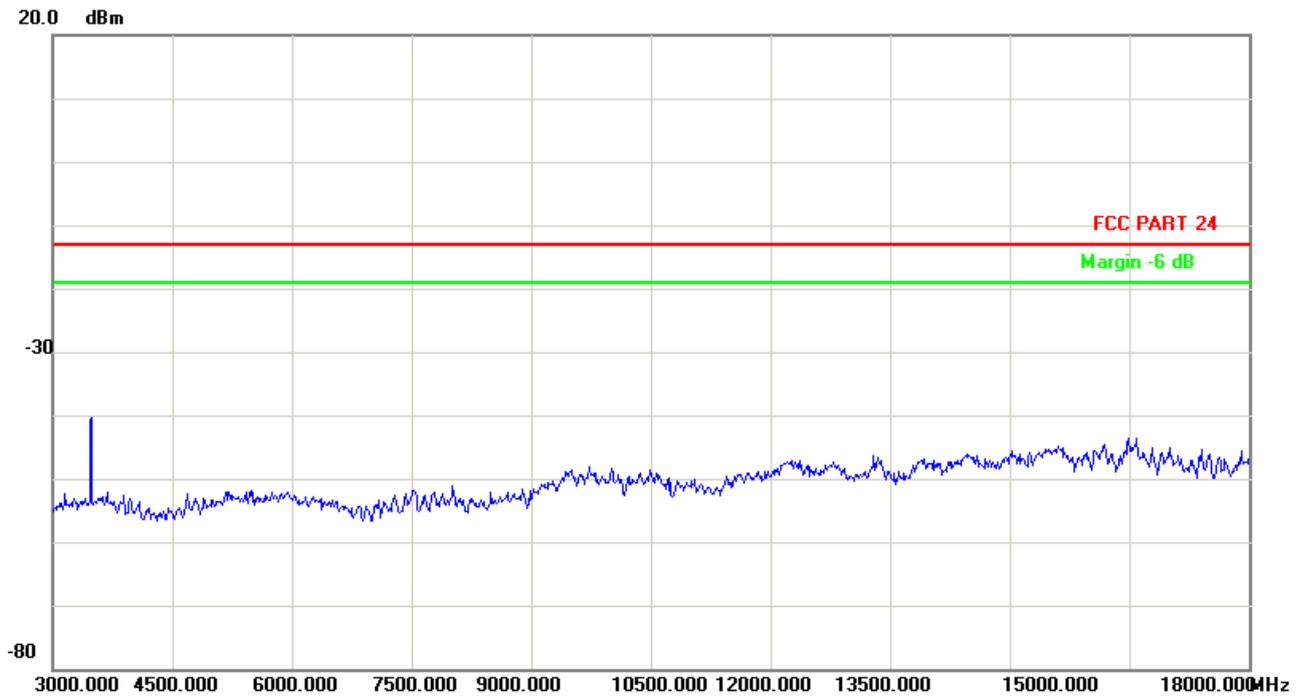
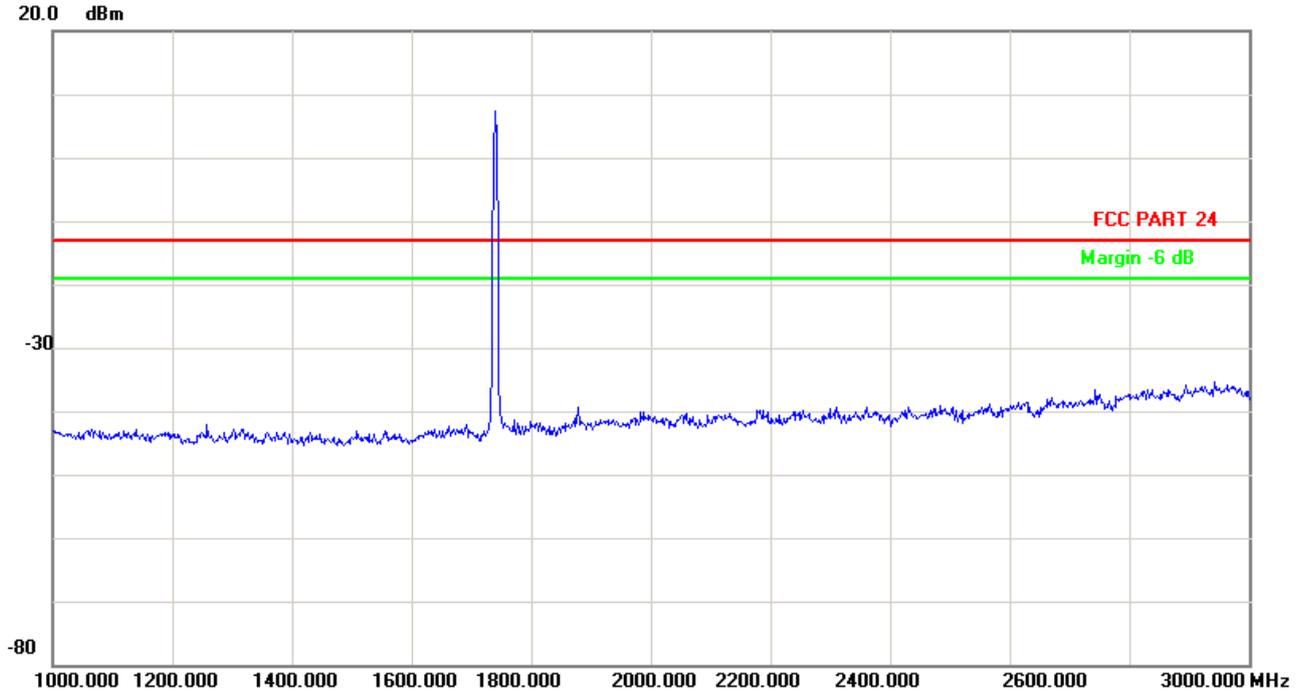




### 7.2.3 Test Band = WCDMA1700

#### 7.2.3.1 Test Mode = UMTS/TM1

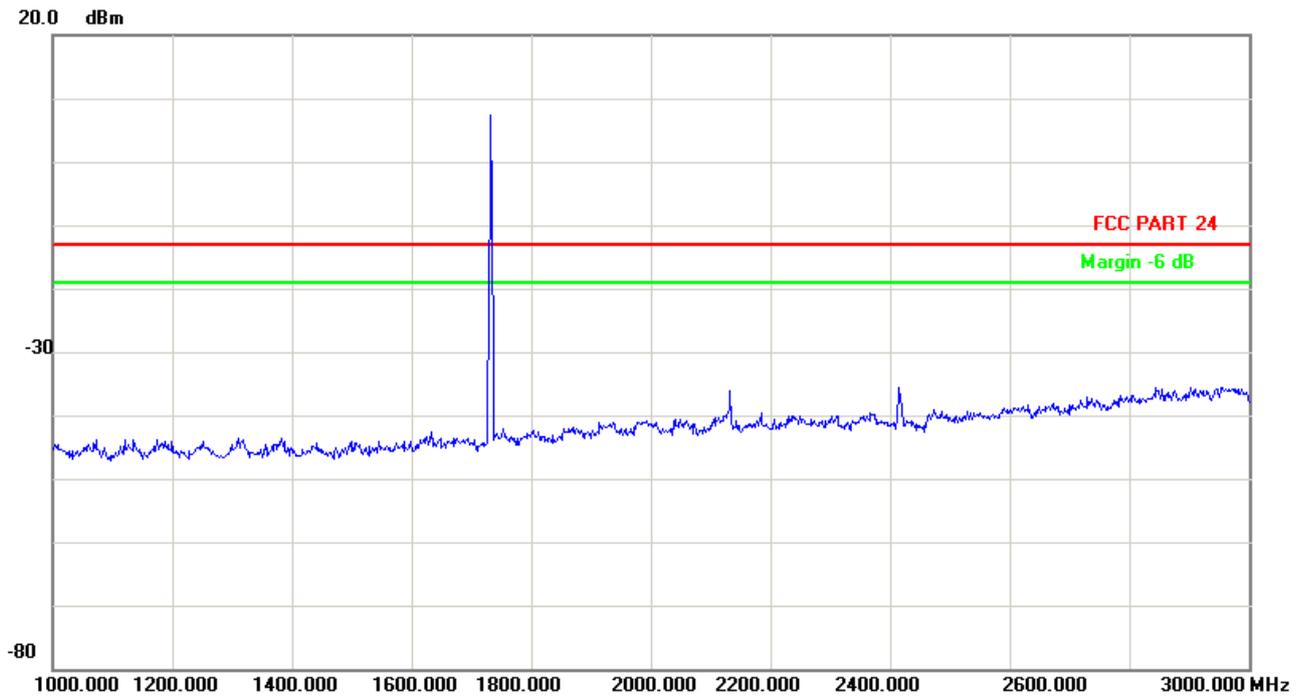
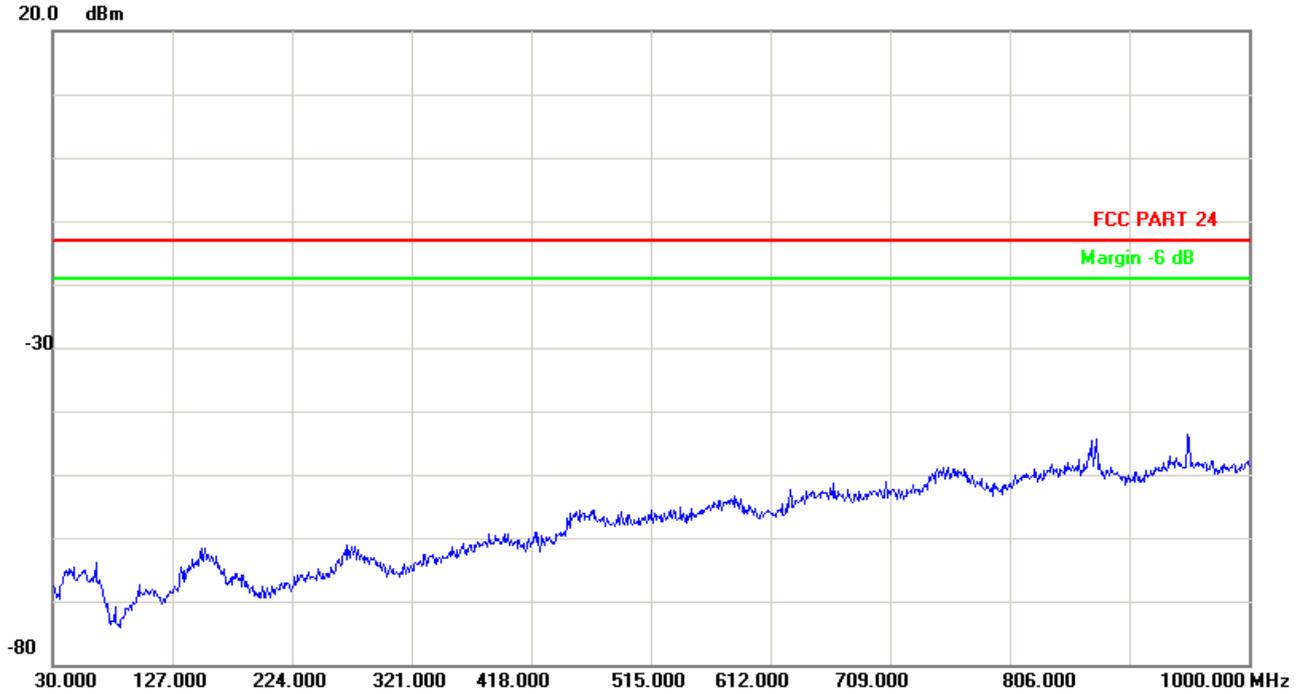


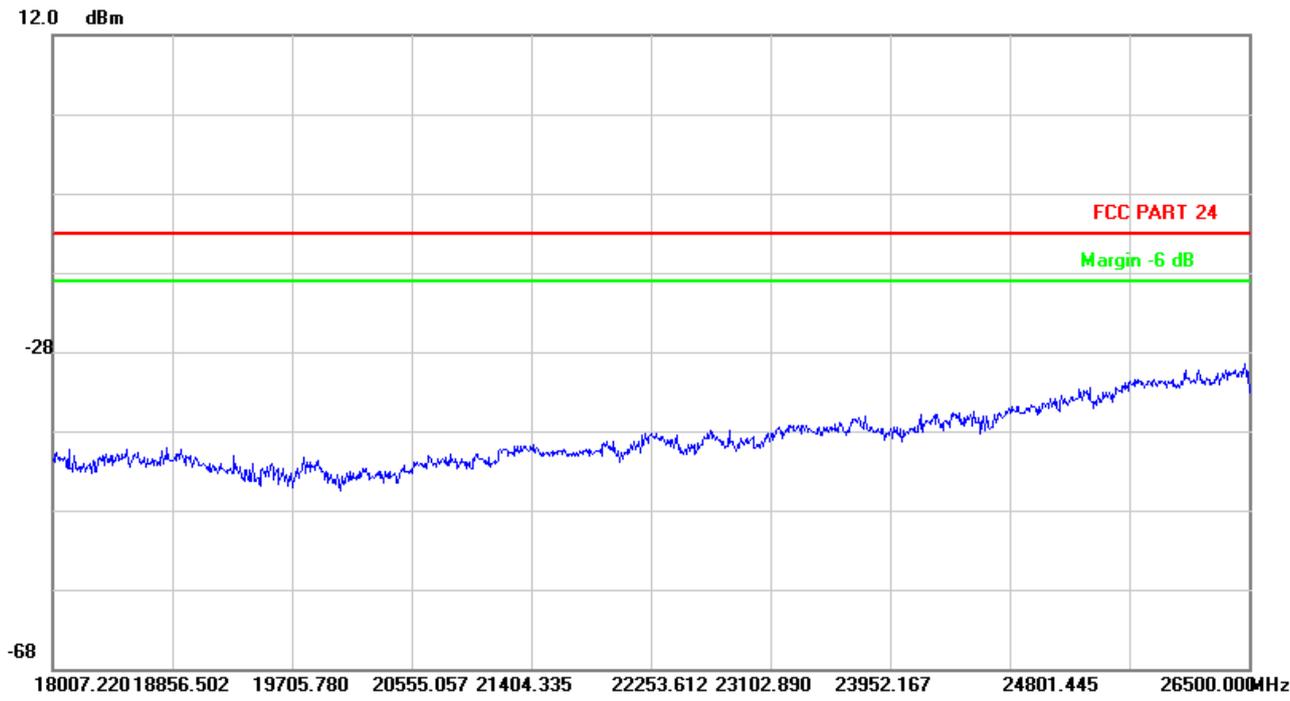
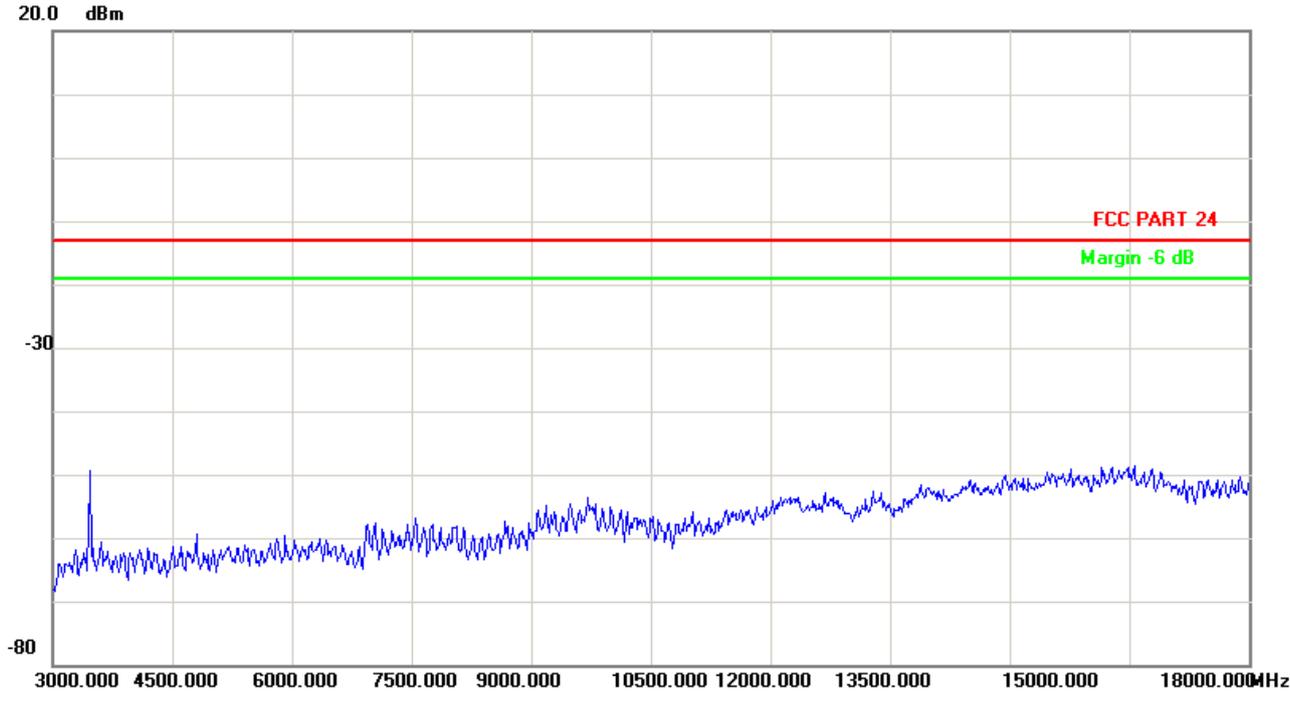


### 7.3 For LTE

#### 7.3.1 Test Band = BAND4

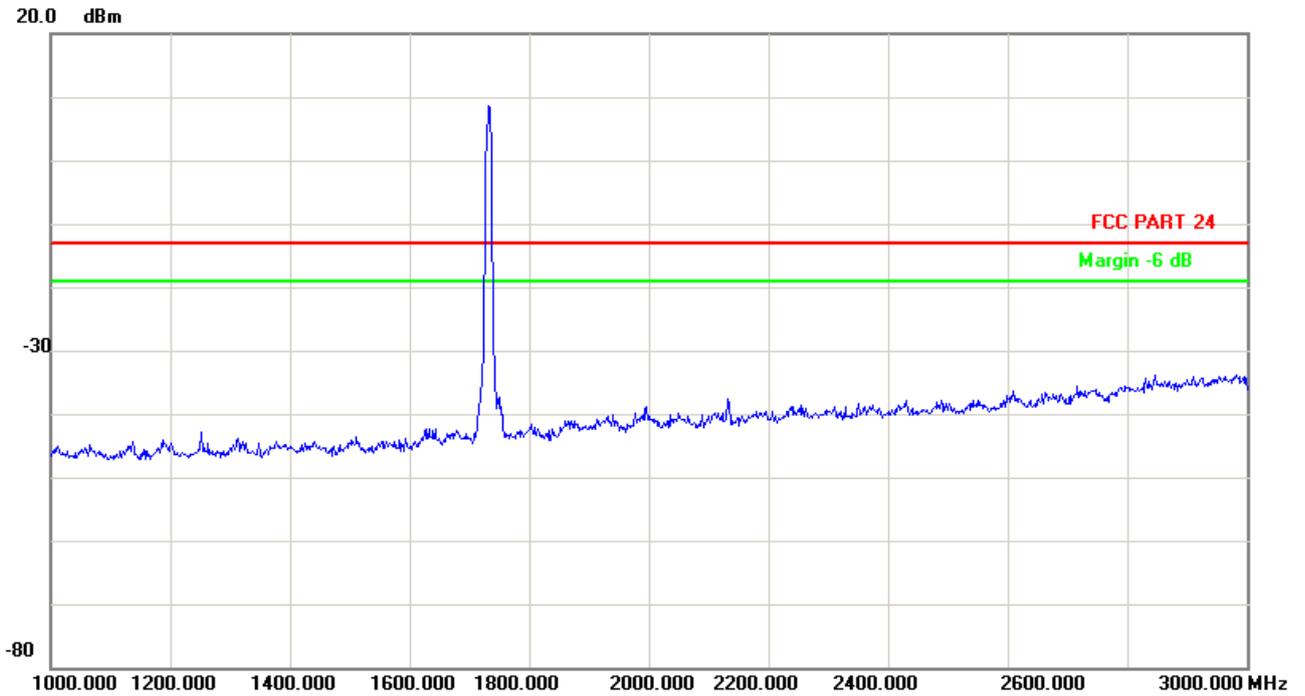
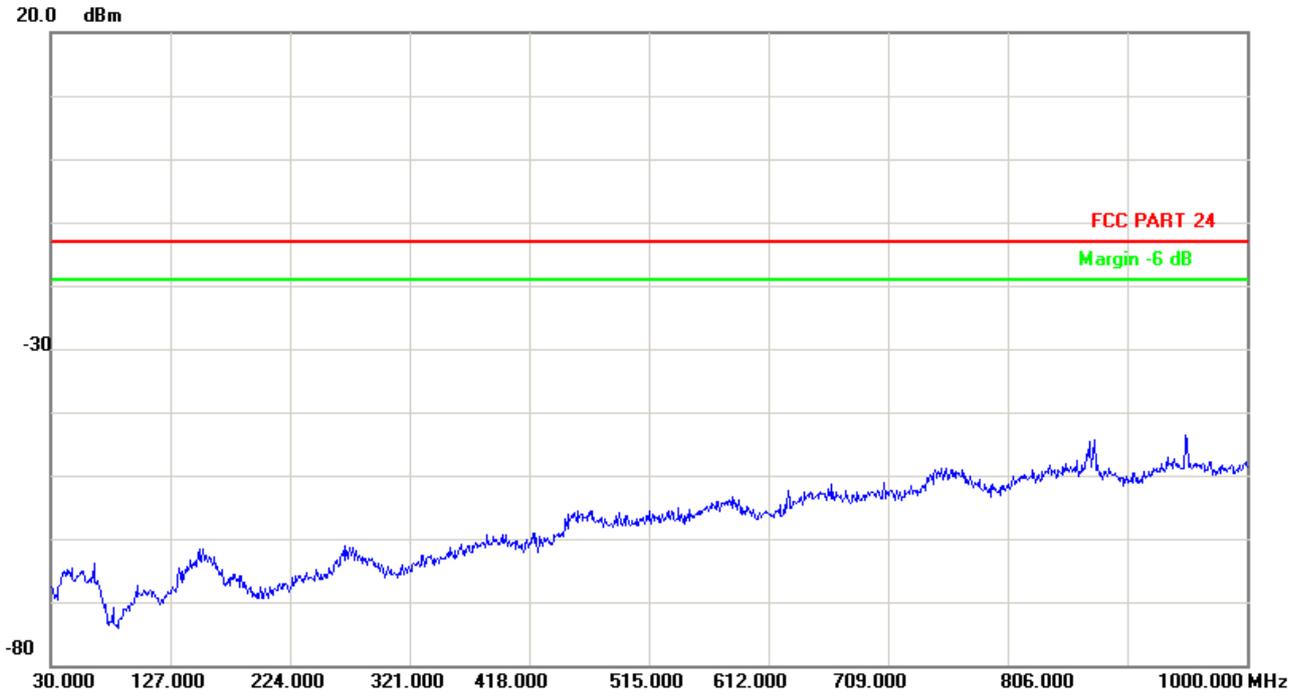
##### 7.3.1.1 Test Bandwidth = 1.4





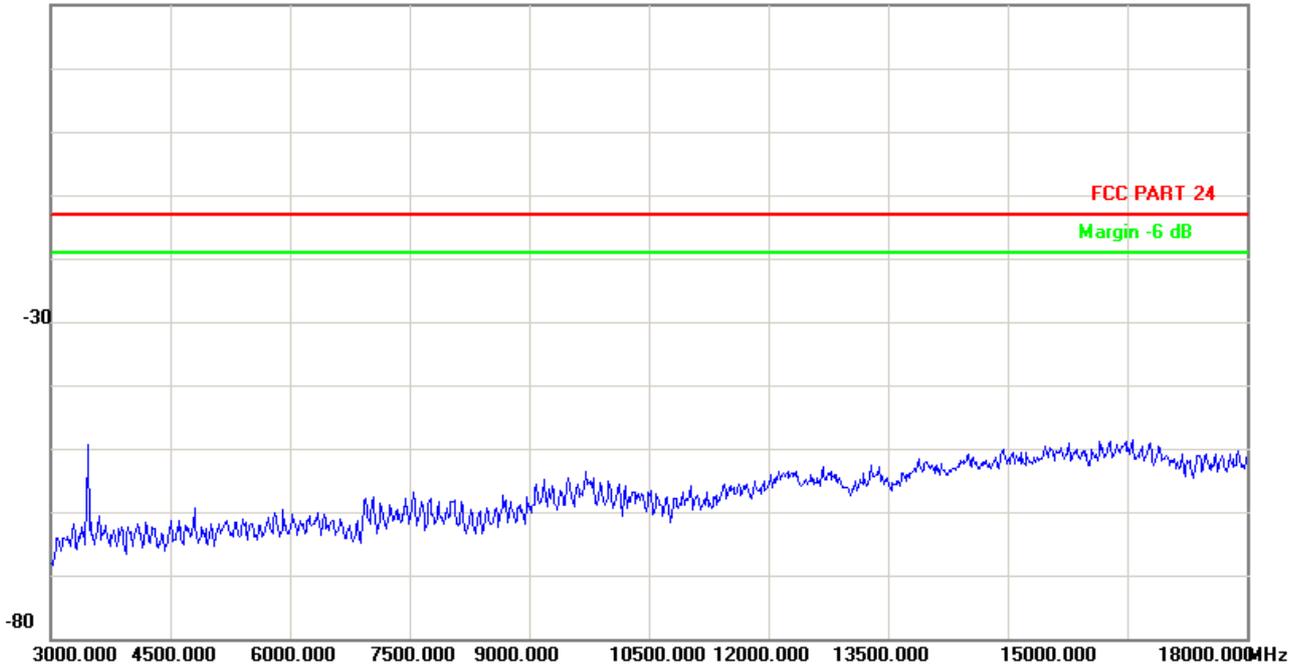


### 7.3.1.2 Test Bandwidth = 5

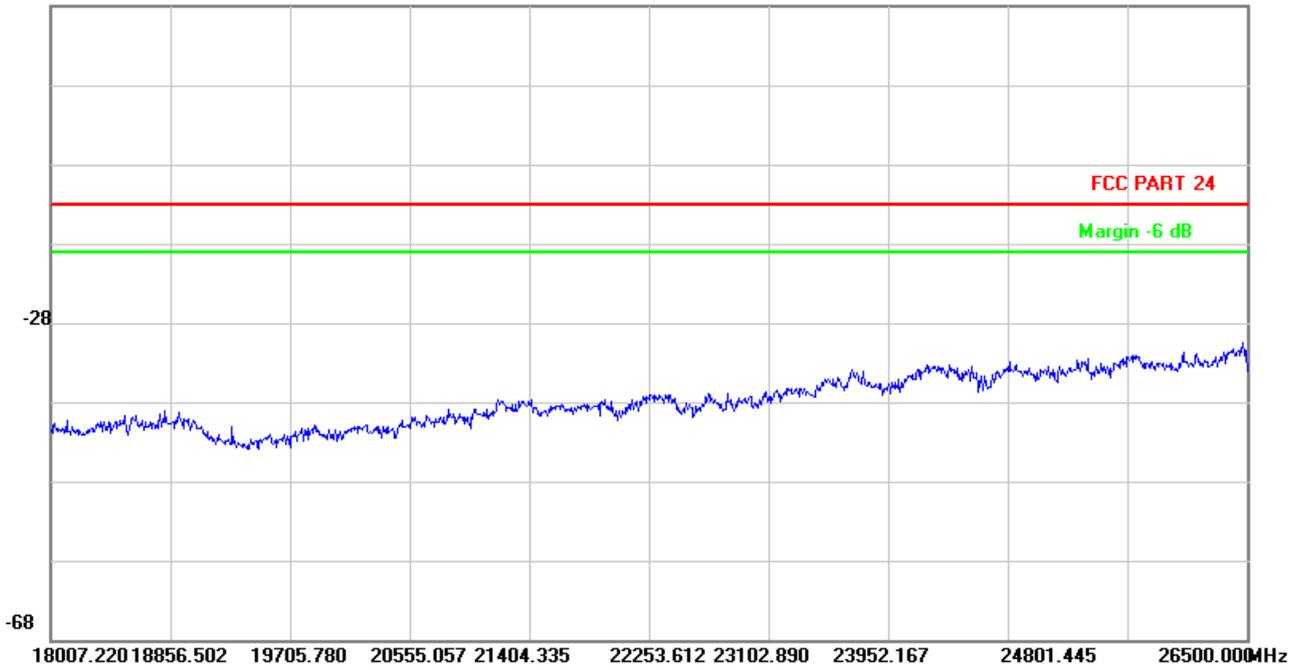




20.0 dBm

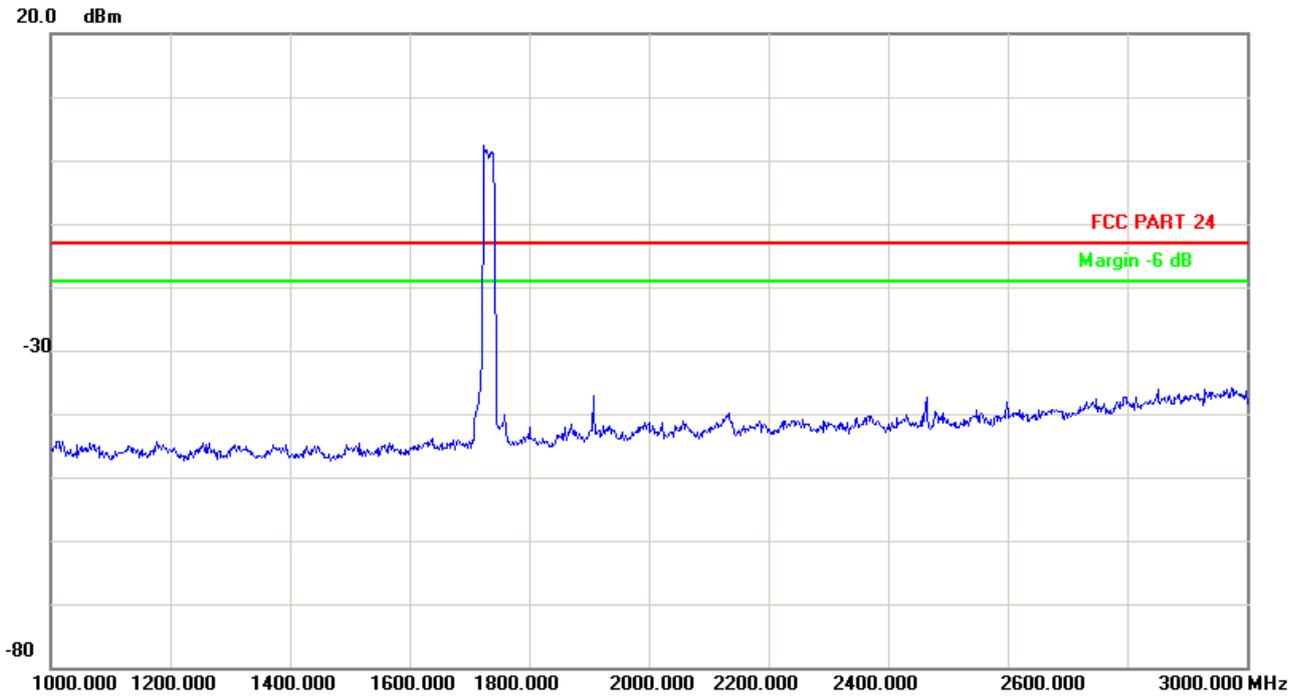
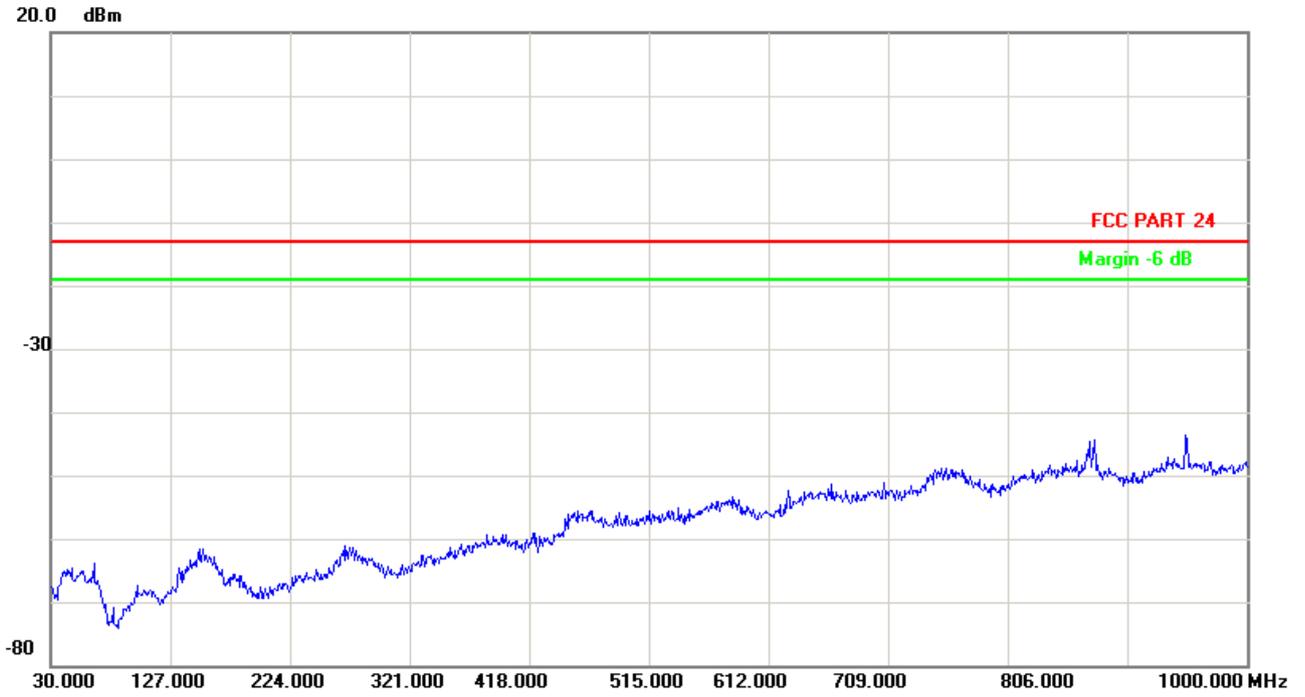


12.0 dBm



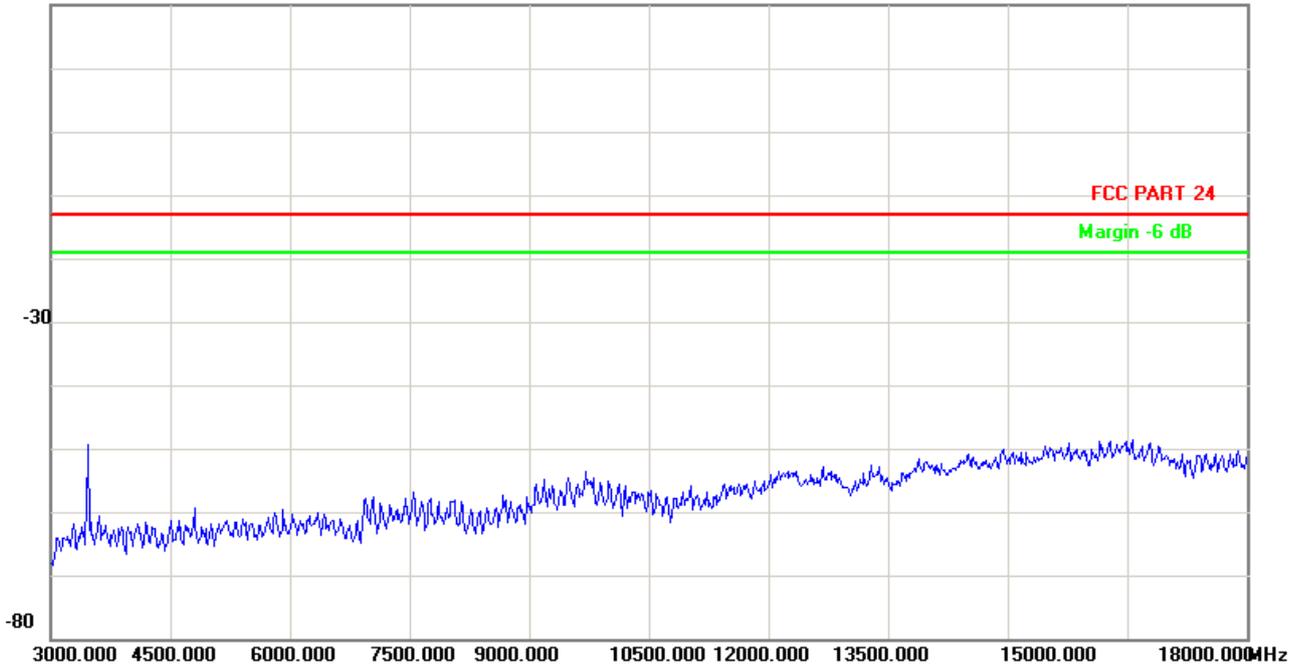


### 7.3.1.3 Test Bandwidth = 20

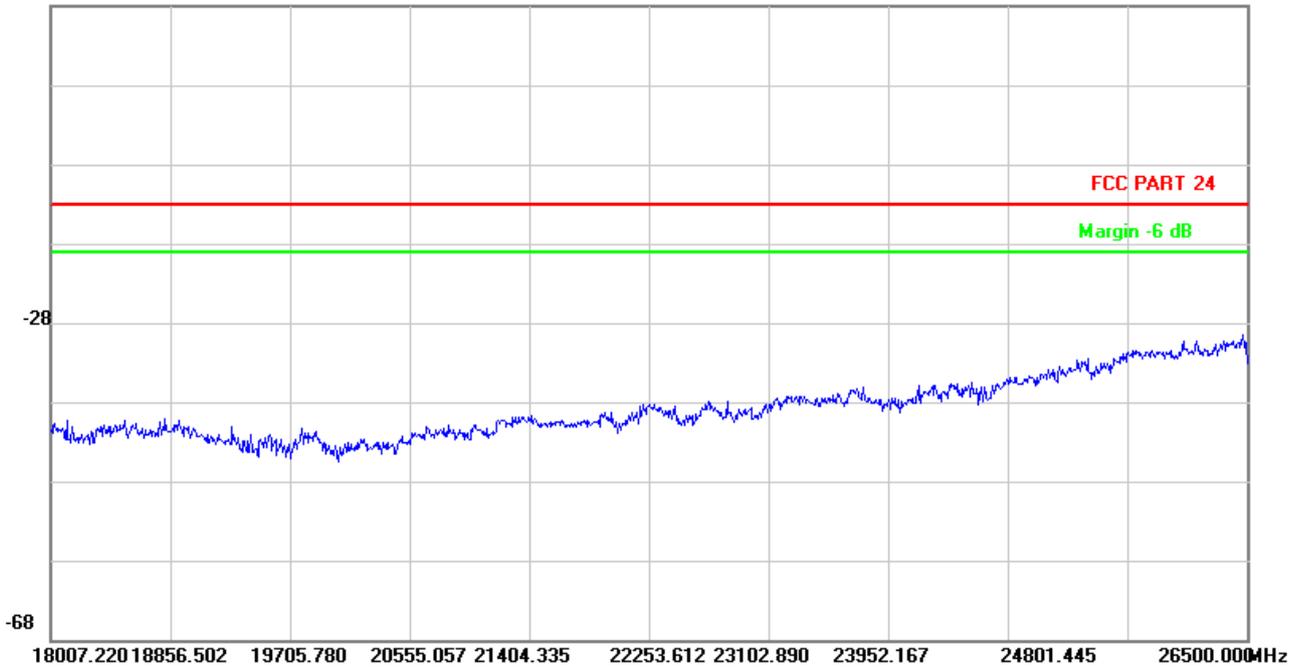




20.0 dBm



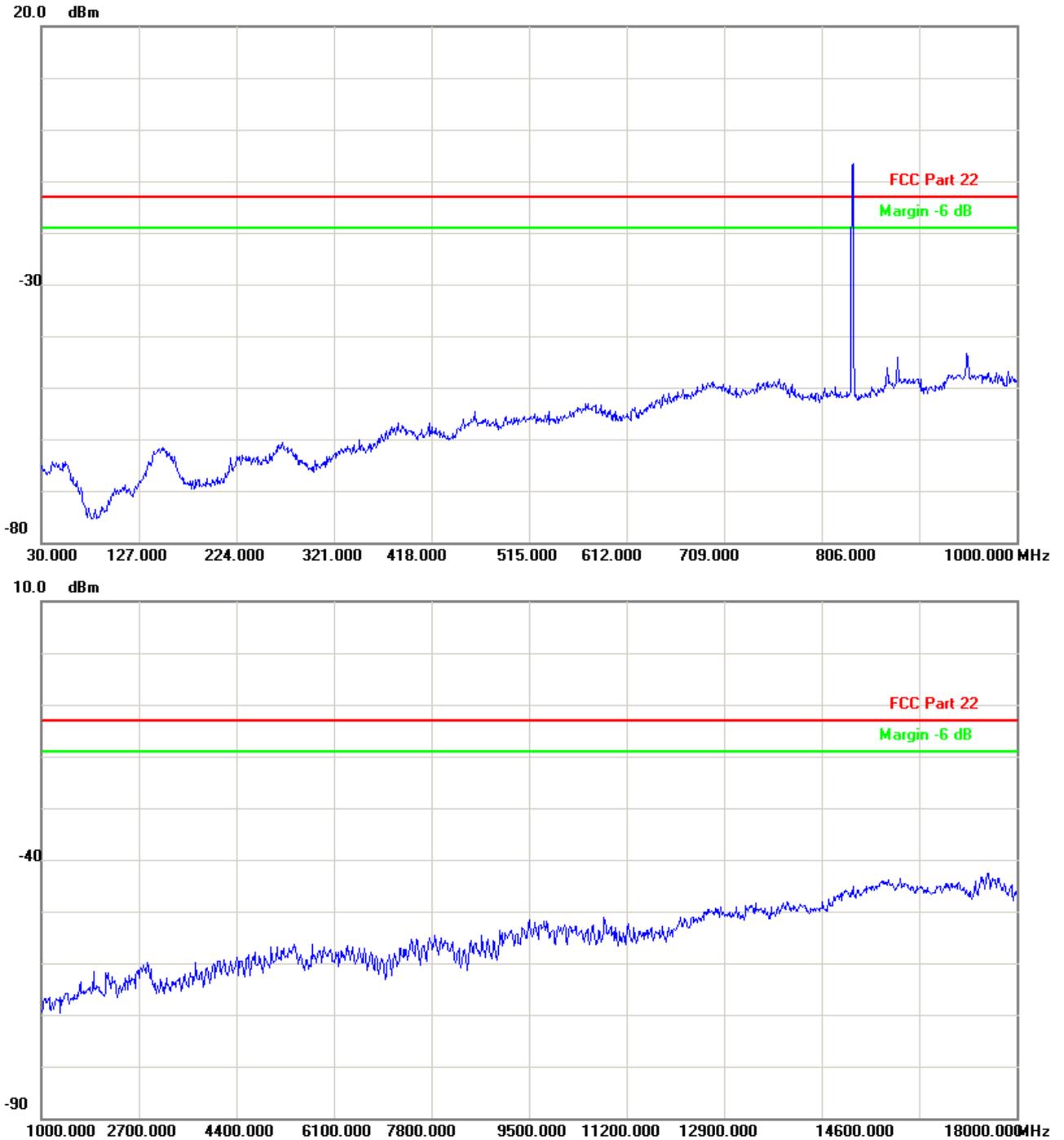
12.0 dBm



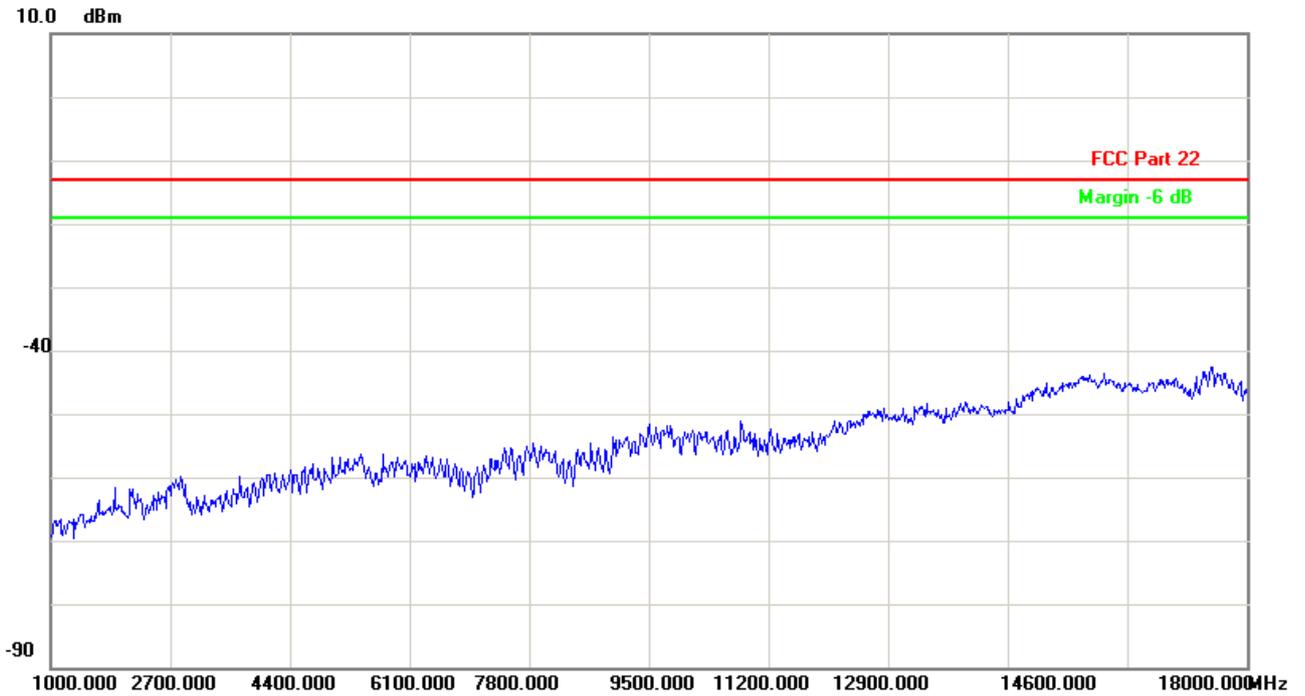
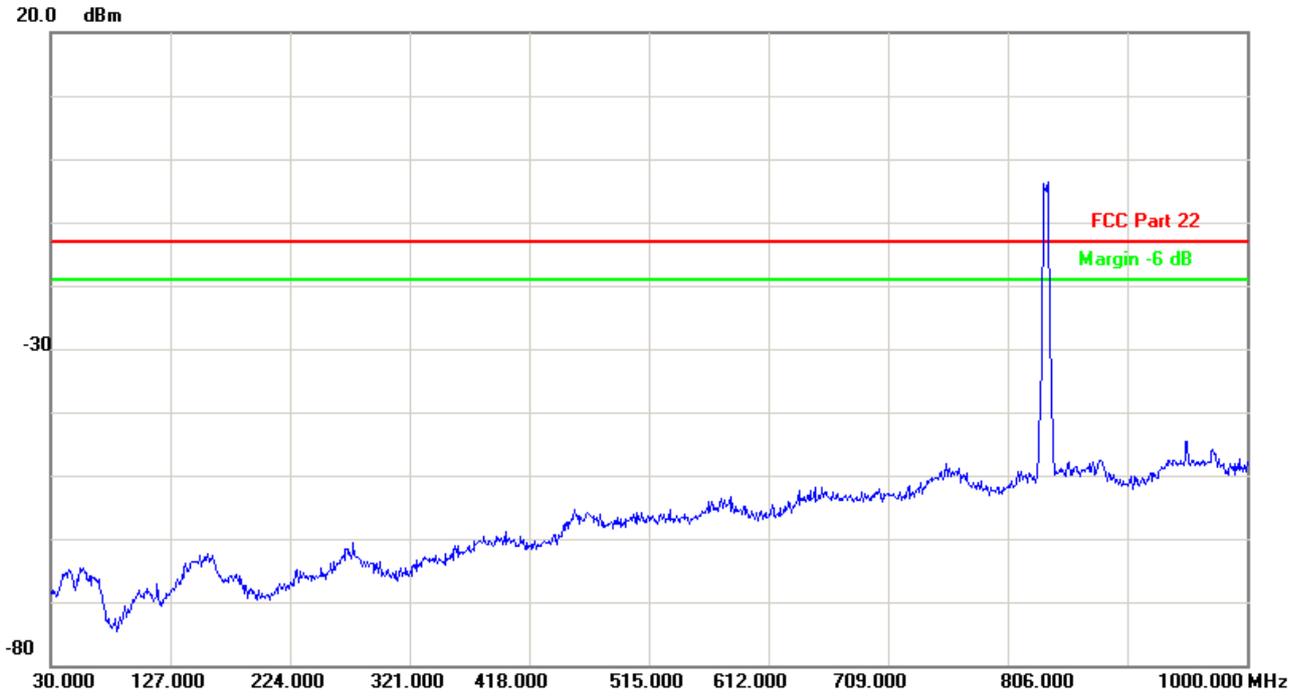


### 7.3.2 Test Band = BAND5

#### 7.3.2.1 Test Bandwidth = 1.4

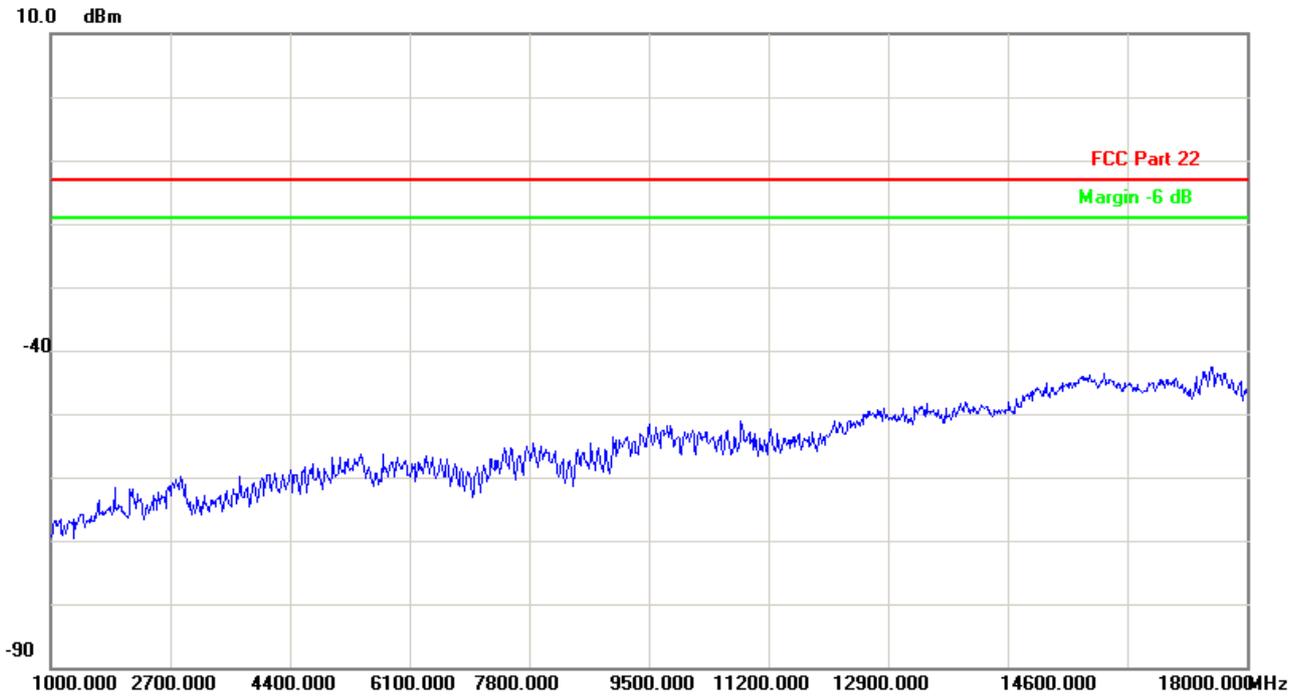
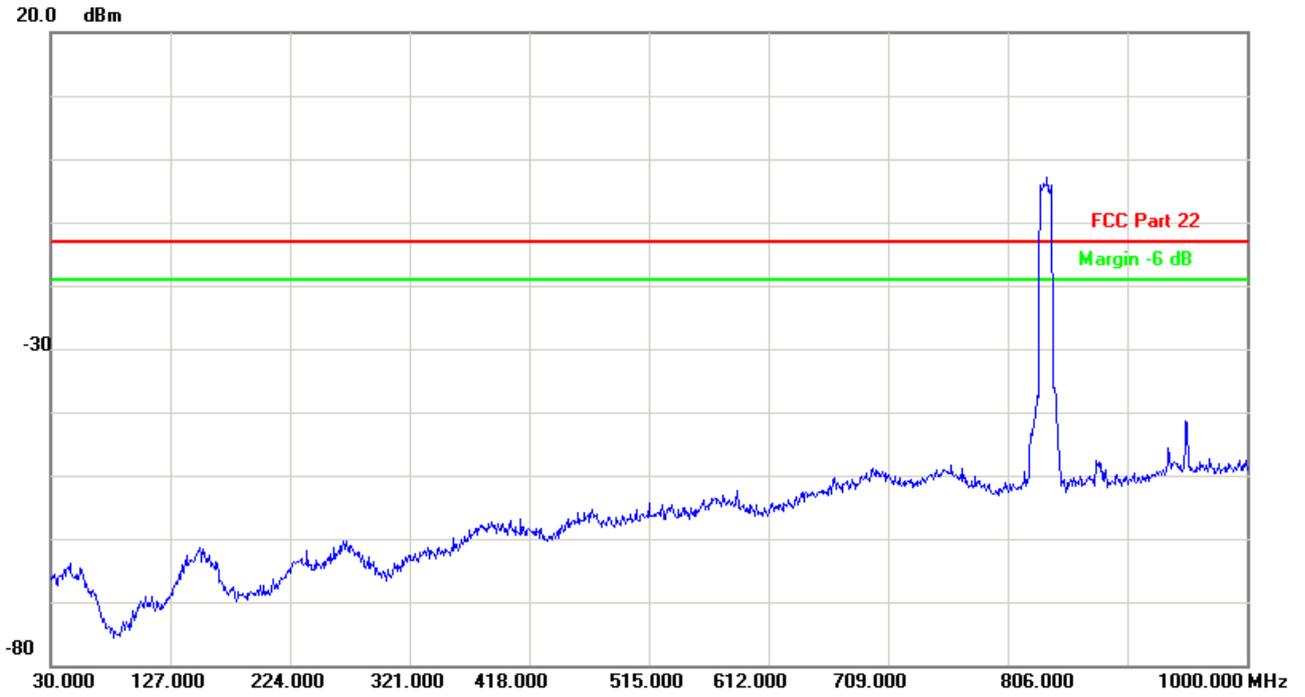


### 7.3.2.2 Test Bandwidth = 5





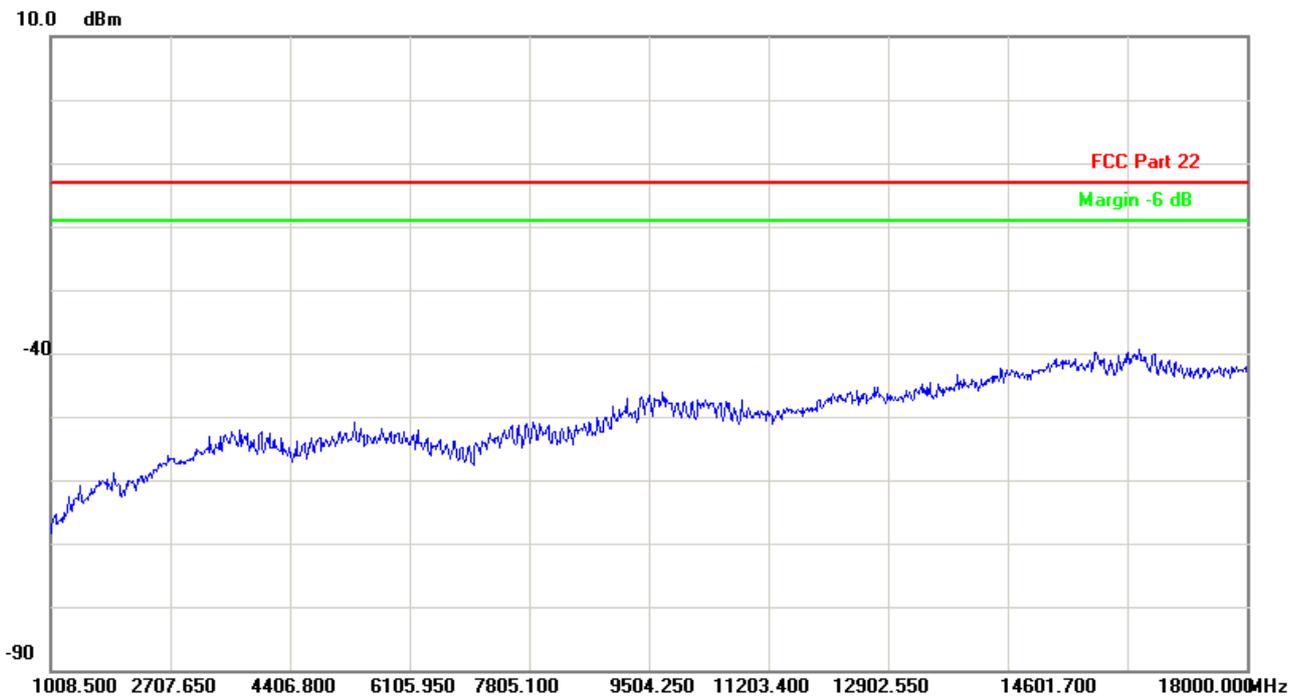
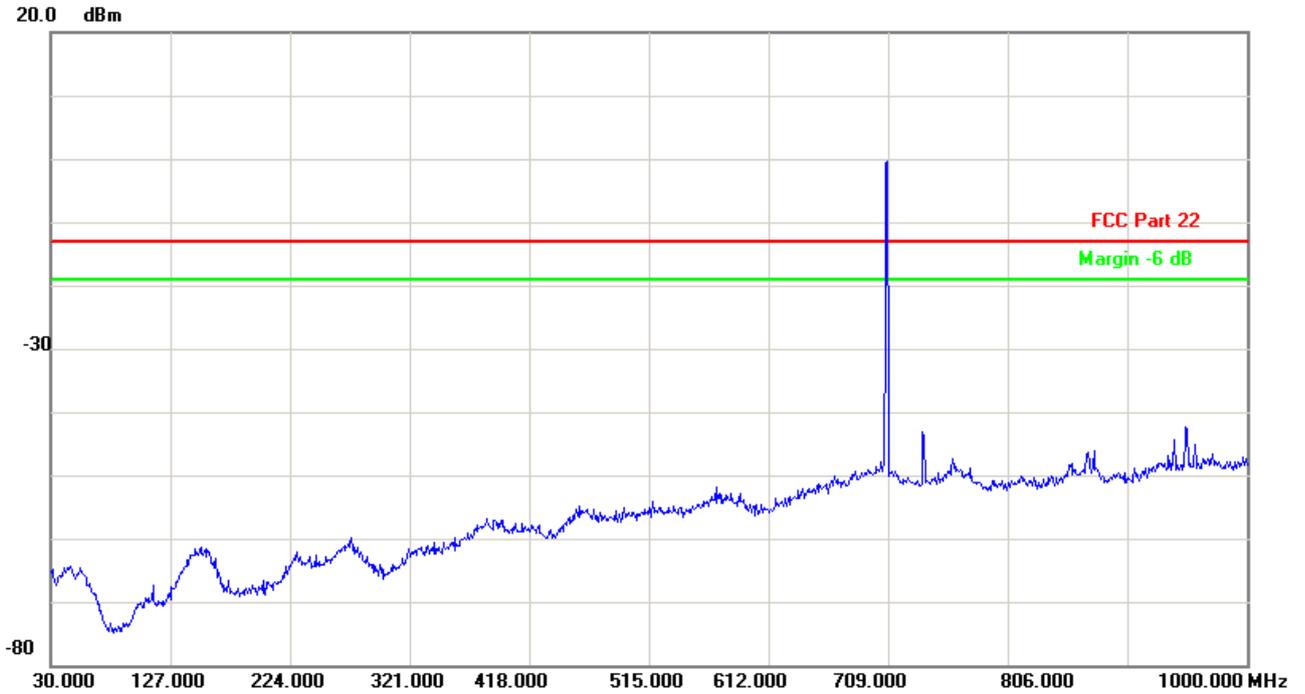
### 7.3.2.3 Test Bandwidth = 10



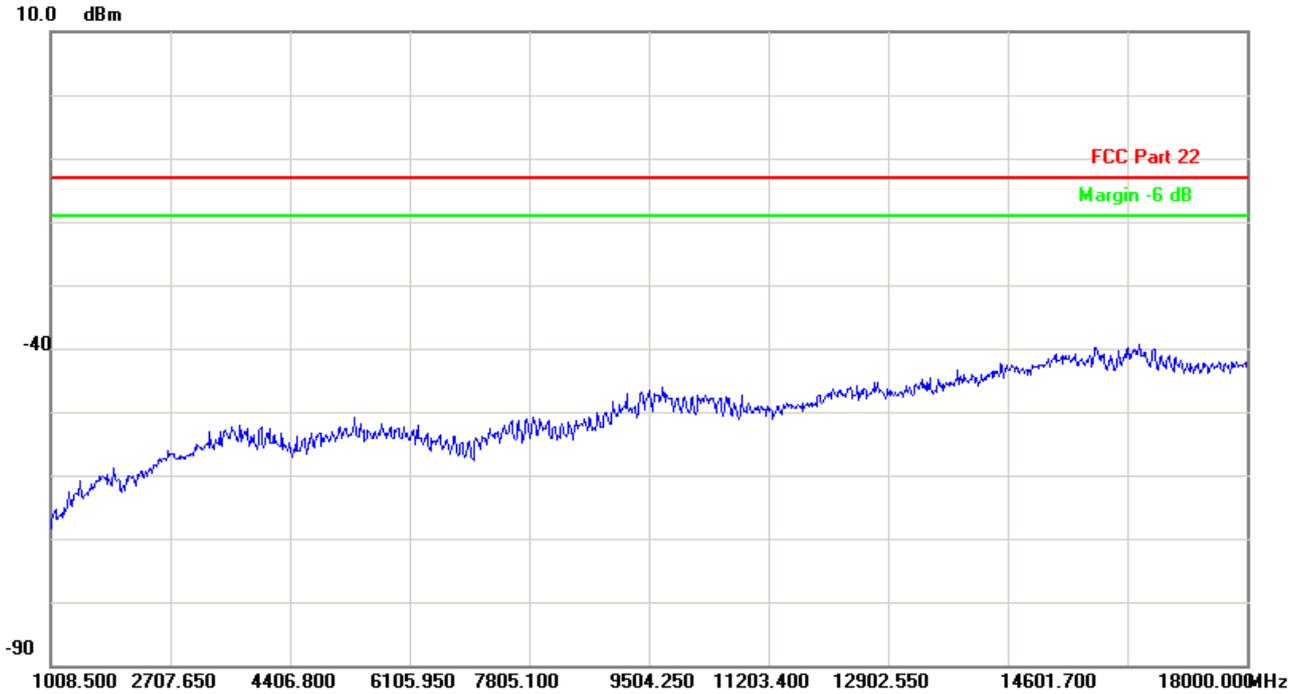
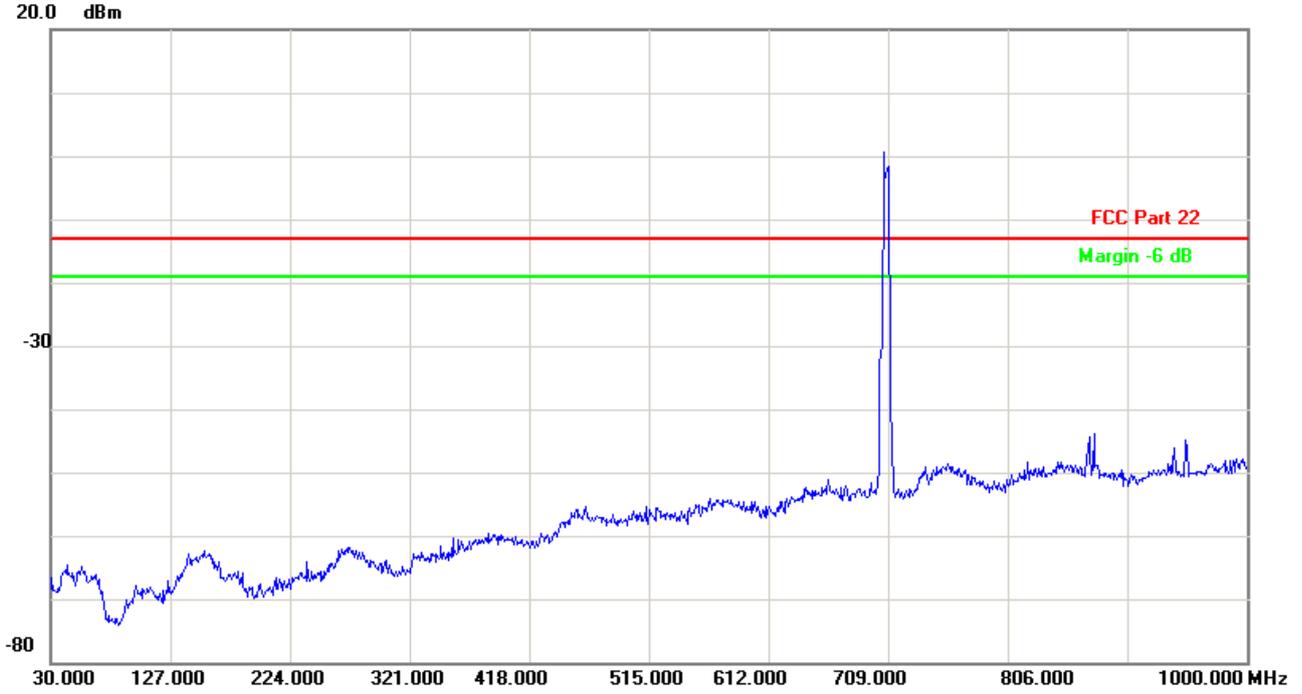


### 7.3.3 Test Band = BAND12

#### 7.3.3.1 Test Bandwidth = 1.4

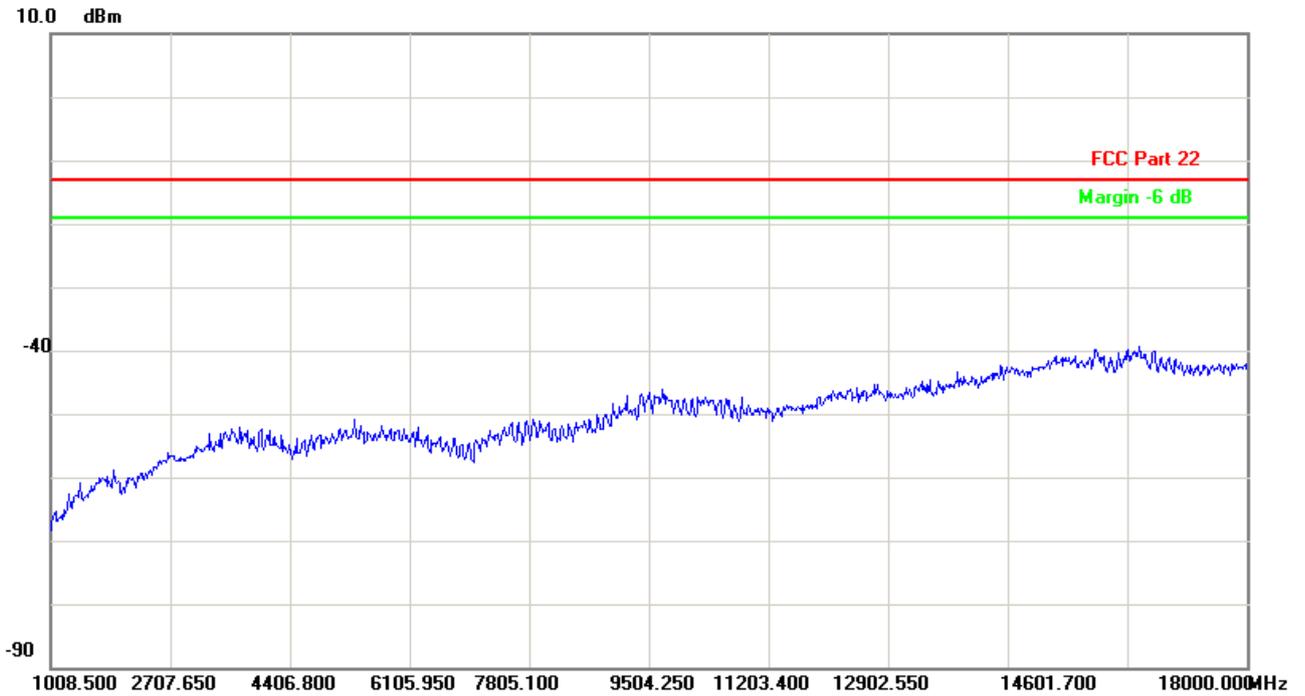
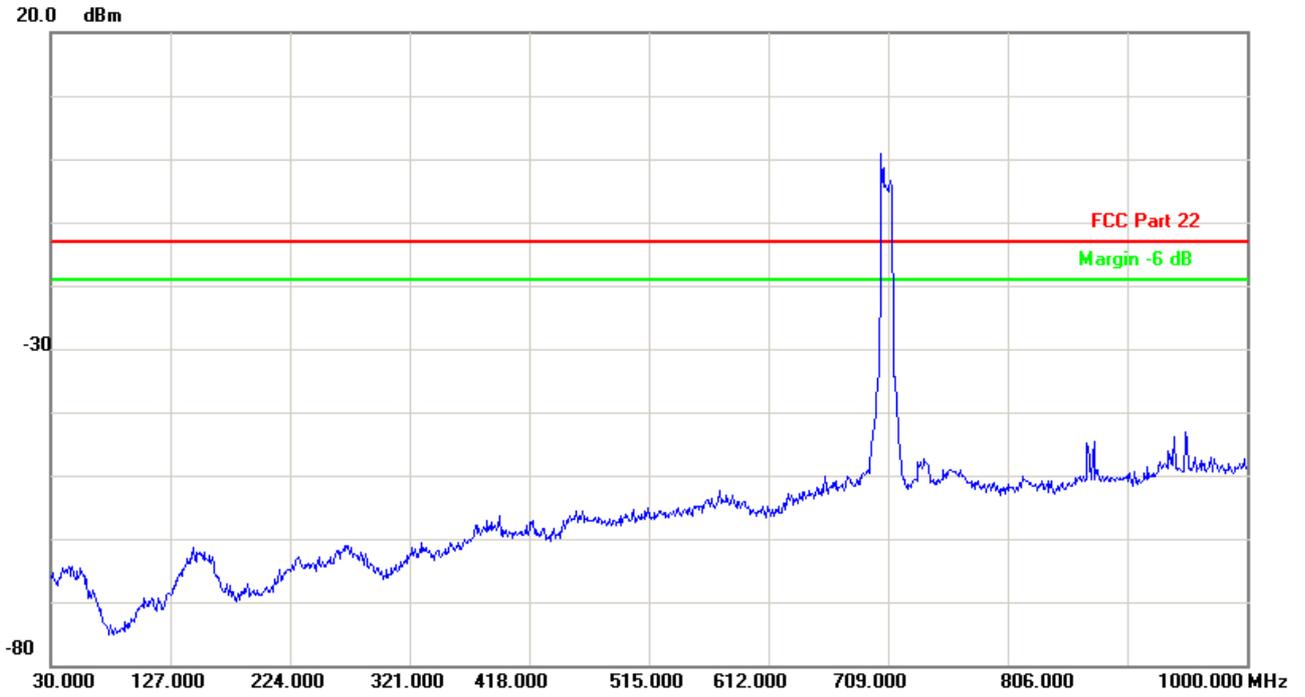


### 7.3.3.2 Test Bandwidth = 5





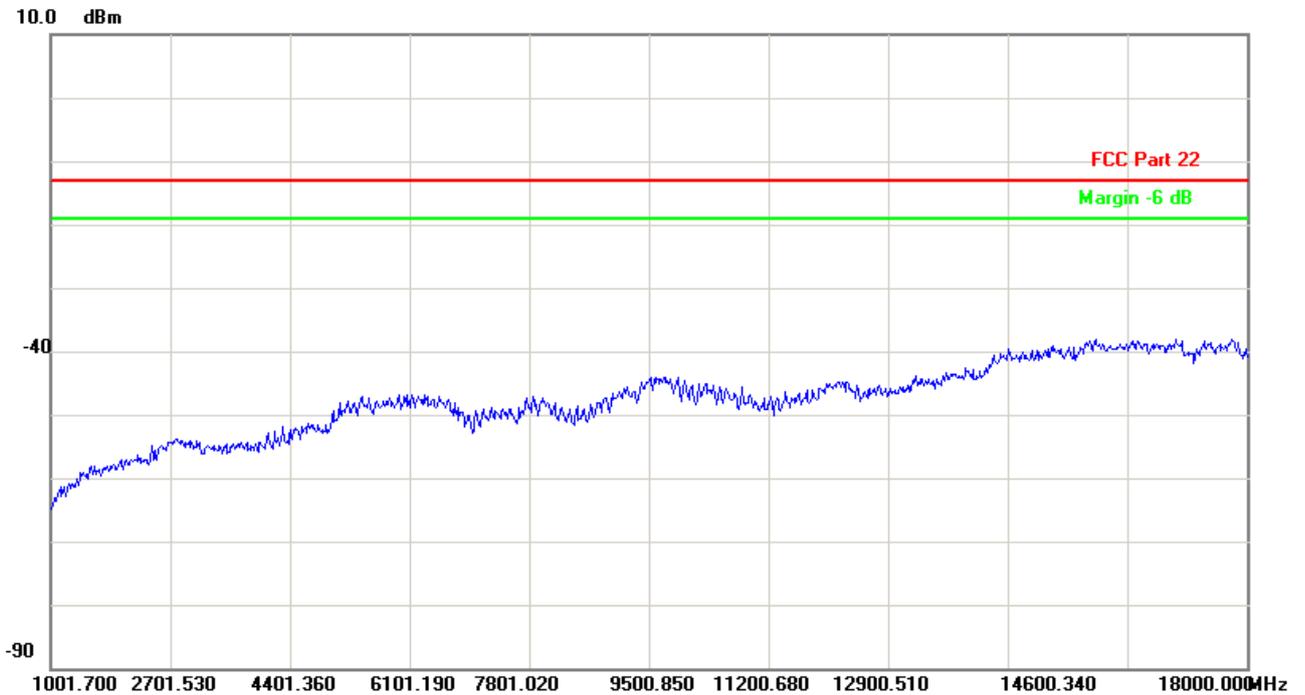
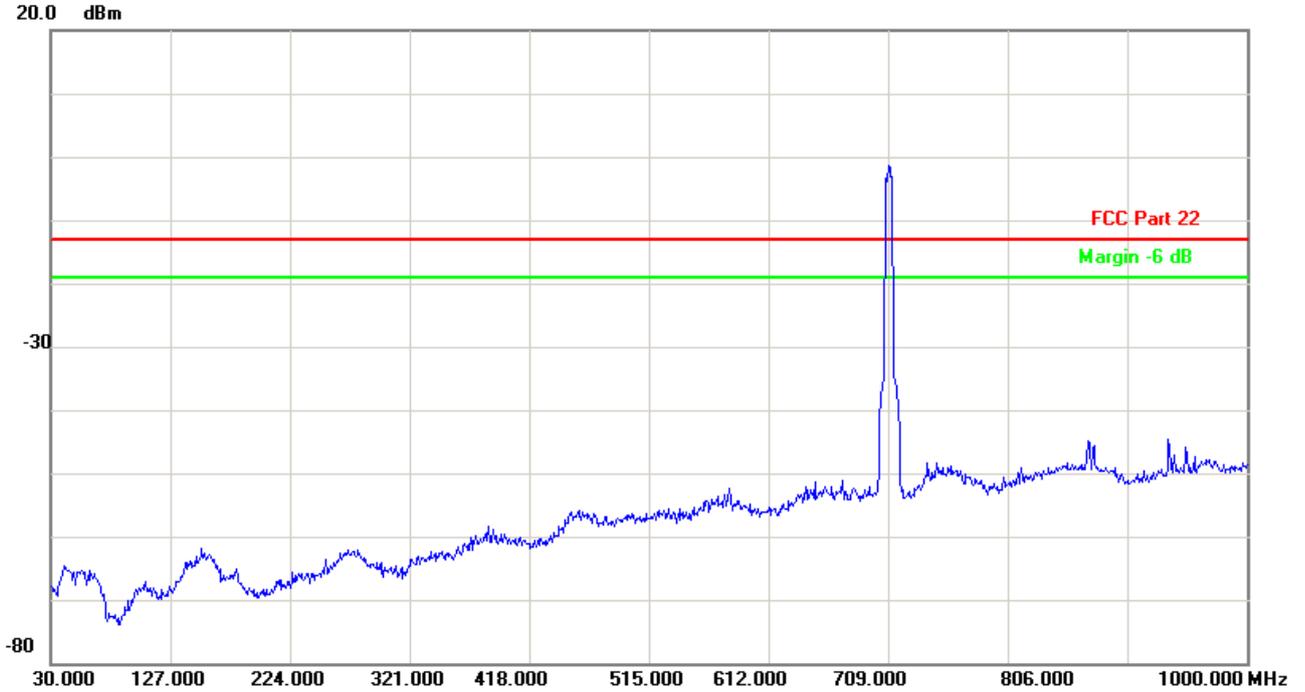
### 7.3.3.3 Test Bandwidth = 10





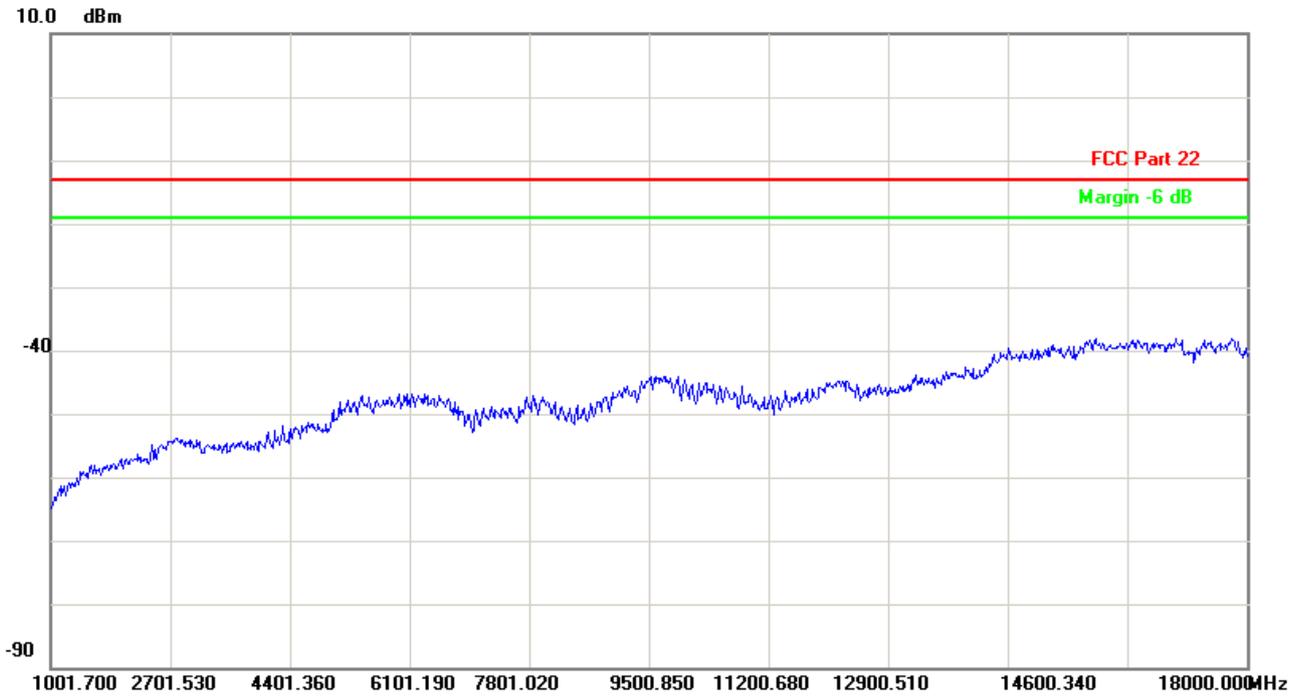
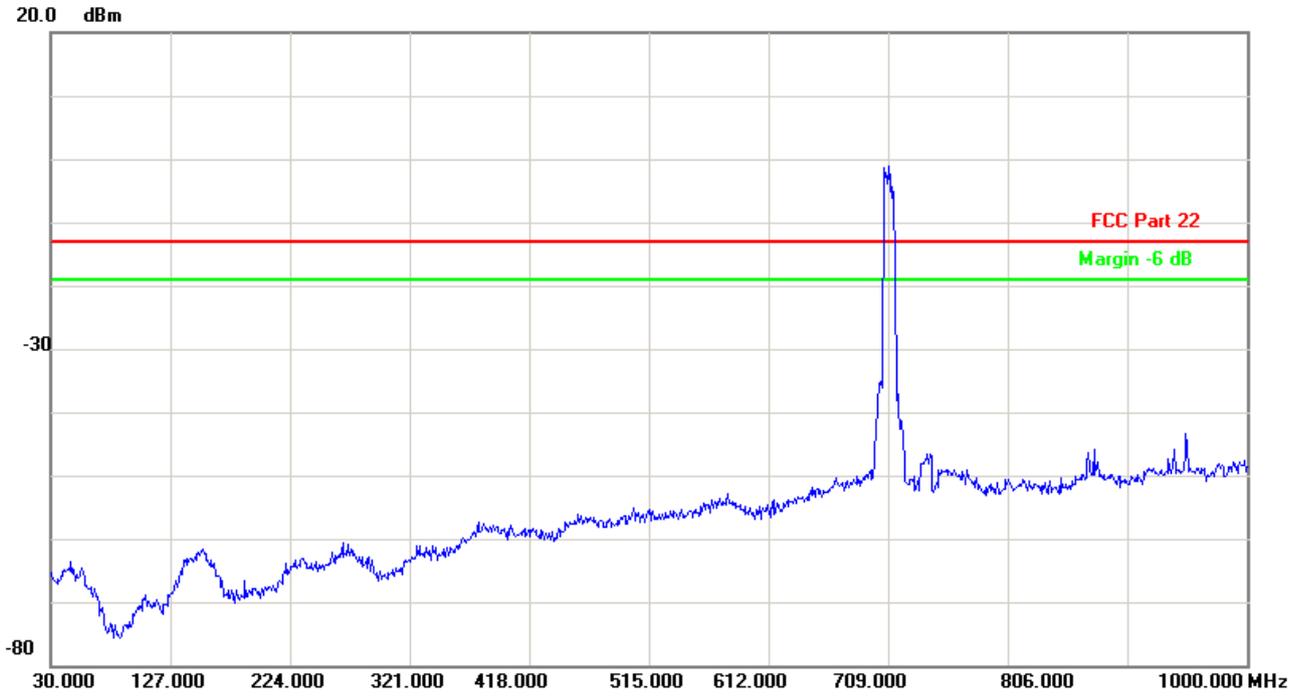
### 7.3.4 Test Band = BAND17

#### 7.3.4.1 Test Bandwidth = 5





### 7.3.4.2 Test Bandwidth = 10





## 8Appendix\_H: Frequency Stability

### 8.1 For GSM

#### 8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	13.69	0.01661	PASS
				VN	8.52	0.01034	PASS
				VH	11.69	0.01418	PASS
		MCH	TN	VL	12.53	0.01498	PASS
				VN	10.2	0.01219	PASS
				VH	11.17	0.01335	PASS
		HCH	TN	VL	15.56	0.01833	PASS
				VN	13.69	0.01613	PASS
				VH	6.39	0.00753	PASS
	GSM/TM2	LCH	TN	VL	9.72	0.01179	PASS
				VN	13.88	0.01684	PASS
				VH	13.33	0.01617	PASS
		MCH	TN	VL	13.72	0.0164	PASS
				VN	15.3	0.01829	PASS
				VH	14.04	0.01678	PASS
HCH	TN	VL	8.65	0.01019	PASS		
		VN	16.82	0.01982	PASS		
		VH	10.72	0.01263	PASS		
GSM1900	GSM/TM1	LCH	TN	VL	12.91	0.00698	PASS
				VN	8.91	0.00482	PASS
				VH	5.81	0.00314	PASS
		MCH	TN	VL	11.62	0.00618	PASS
				VN	20.86	0.0111	PASS
				VH	11.56	0.00615	PASS
		HCH	TN	VL	-4.65	-0.00243	PASS
				VN	-6.72	-0.00352	PASS
				VH	-7.04	-0.00369	PASS
	GSM/TM2	LCH	TN	VL	7.1	0.00384	PASS
				VN	10.62	0.00574	PASS
				VH	11.2	0.00605	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	21.7	0.01154	PASS
				VN	18.82	0.01001	PASS
				VH	17.95	0.00955	PASS
		HCH	TN	VL	20.08	0.01051	PASS
				VN	4.07	0.00213	PASS
				VH	1.55	0.00081	PASS

**8.1.2 Frequency Error vs. Temperature:**

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
GSM850	GSM/TM1	LCH	VN	-30	6.33	0.00768	PASS	
				-20	6.65	0.00807	PASS	
				-10	10.85	0.01316	PASS	
				0	7.23	0.00877	PASS	
				10	12.14	0.01473	PASS	
				20	9.94	0.01206	PASS	
				30	9.81	0.0119	PASS	
				40	7.81	0.00948	PASS	
				50	8.85	0.01074	PASS	
		MCH	VN	-30	10.53	0.01259	PASS	
				-20	12.14	0.01451	PASS	
				-10	9.17	0.01096	PASS	
				0	6.01	0.00718	PASS	
				10	10.46	0.0125	PASS	
				20	8.65	0.01034	PASS	
				30	10.2	0.01219	PASS	
				40	8.85	0.01058	PASS	
				50	9.69	0.01158	PASS	
		HCH	VN	-30	7.17	0.00845	PASS	
				-20	13.11	0.01545	PASS	
				-10	16.79	0.01978	PASS	
				0	8.98	0.01058	PASS	
				10	7.94	0.00935	PASS	
				20	13.69	0.01613	PASS	
				30	15.17	0.01787	PASS	
				40	13.5	0.0159	PASS	
				50	6.65	0.00783	PASS	
		GSM/TM2	LCH	VN	-30	14.37	0.01744	PASS
					-20	10.3	0.0125	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				-10	12.14	0.01473	PASS						
				0	10.49	0.01273	PASS						
				10	12.33	0.01496	PASS						
				20	12.82	0.01555	PASS						
				30	13.27	0.0161	PASS						
				40	11.17	0.01355	PASS						
				50	10.53	0.01278	PASS						
		MCH	VN			-30	13.04	0.01559	PASS				
						-20	15.79	0.01887	PASS				
						-10	13.85	0.01656	PASS				
						0	13.04	0.01559	PASS				
						10	8.91	0.01065	PASS				
						20	14.85	0.01775	PASS				
						30	11.49	0.01373	PASS				
						40	12.04	0.01439	PASS				
						50	13.98	0.01671	PASS				
		HCH	VN			-30	17.53	0.02065	PASS				
						-20	17.66	0.02081	PASS				
						-10	4.94	0.00582	PASS				
						0	18.37	0.02164	PASS				
						10	18.34	0.02161	PASS				
						20	16.01	0.01886	PASS				
						30	8.49	0.01	PASS				
						40	20.47	0.02412	PASS				
						50	17.98	0.02118	PASS				
		GSM1900	GSM/TM1	LCH	VN								
										-30	9.56	0.00517	PASS
-20	-0.39									-0.00021	PASS		
-10	10.91									0.0059	PASS		
0	9.3									0.00503	PASS		
10	6.72									0.00363	PASS		
20	10.14									0.00548	PASS		
30	8.01									0.00433	PASS		
40	13.75									0.00743	PASS		
50	14.4			0.00778	PASS								
MCH	VN												
										-30	11.75	0.00625	PASS
										-20	10.98	0.00584	PASS
										-10	11.43	0.00608	PASS
										0	9.23	0.00491	PASS
										10	15.11	0.00804	PASS
										20	9.36	0.00498	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
				30	8.33	0.00443	PASS			
				40	12.2	0.00649	PASS			
				50	15.43	0.00821	PASS			
		HCH	VN	-30	2.13	0.00112	PASS			
				-20	17.95	0.0094	PASS			
				-10	0.52	0.00027	PASS			
				0	-8.52	-0.00446	PASS			
				10	-4.65	-0.00243	PASS			
				20	16.47	0.00862	PASS			
				30	-8.78	-0.0046	PASS			
				40	14.4	0.00754	PASS			
				50	13.88	0.00727	PASS			
				GSM/TM2	LCH	VN	-30	11.85	0.0064	PASS
							-20	19.24	0.0104	PASS
	-10	18.95	0.01024				PASS			
	0	17.72	0.00958				PASS			
	10	12.66	0.00684				PASS			
	20	18.02	0.00974				PASS			
	30	18.02	0.00974				PASS			
	40	18.44	0.00997				PASS			
	MCH	VN	-30		15.14	0.00805	PASS			
			-20		17.27	0.00919	PASS			
			-10		19.66	0.01046	PASS			
			0		19.57	0.01041	PASS			
			10		15.21	0.00809	PASS			
			20		22.28	0.01185	PASS			
			30		17.92	0.00953	PASS			
			40		14.75	0.00785	PASS			
	HCH	VN	-30	19.34	0.01013	PASS				
			-20	2.58	0.00135	PASS				
			-10	28.61	0.01498	PASS				
			0	26.44	0.01384	PASS				
			10	26.35	0.0138	PASS				
			20	23.96	0.01255	PASS				
			30	24.8	0.01299	PASS				
			40	1.13	0.00059	PASS				
	50	21.44	0.01123	PASS						



**8.2 For UMTS**

**8.2.1 Frequency Error vs. Voltage:**

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA850	UMTS/TM1	LCH	TN	VL	0.03	0.00004	PASS
				VN	-1.71	-0.00207	PASS
				VH	0.98	0.00119	PASS
		MCH	TN	VL	-2.11	-0.00252	PASS
				VN	-1.6	-0.00191	PASS
				VH	1.22	0.00146	PASS
		HCH	TN	VL	-0.29	-0.00034	PASS
				VN	2.03	0.0024	PASS
				VH	0.79	0.00093	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	-1.19	-0.00064	PASS
				VN	-2.73	-0.00147	PASS
				VH	1.14	0.00062	PASS
		MCH	TN	VL	-0.9	-0.00048	PASS
				VN	1.22	0.00065	PASS
				VH	-1.62	-0.00086	PASS
		HCH	TN	VL	-4.26	-0.00223	PASS
				VN	0.6	0.00031	PASS
				VH	1.04	0.00055	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	5.6	0.00327	PASS
				VN	1.89	0.0011	PASS
				VH	2.91	0.0017	PASS
		MCH	TN	VL	-0.03	-0.00002	PASS
				VN	-1.65	-0.00095	PASS
				VH	1.34	0.00077	PASS
		HCH	TN	VL	-2.32	-0.00132	PASS
				VN	-3.02	-0.00172	PASS
				VH	-1.22	-0.0007	PASS

**8.2.2 Frequency Error vs. Temperature:**

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA850	UMTS/TM1	LCH	VN	-30	-0.98	-0.00119	PASS
				-20	-3.72	-0.0045	PASS
				-10	0.61	0.00074	PASS
				0	-2.59	-0.00313	PASS
				10	-1.56	-0.00189	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				20	-0.29	-0.00035	PASS						
				30	-0.44	-0.00053	PASS						
				40	-0.98	-0.00119	PASS						
				50	0.79	0.00096	PASS						
		MCH	VN			-30	0.66	0.00079	PASS				
						-20	-0.08	-0.0001	PASS				
						-10	-0.49	-0.00059	PASS				
						0	0.58	0.00069	PASS				
						10	0.31	0.00037	PASS				
						20	-1.83	-0.00219	PASS				
						30	-1.19	-0.00142	PASS				
						40	0.58	0.00069	PASS				
						50	-1.08	-0.00129	PASS				
						HCH	VN			-30	-3.97	-0.00469	PASS
		-20	-0.98	-0.00116	PASS								
		-10	-1.34	-0.00158	PASS								
		0	1.11	0.00131	PASS								
		10	-1.88	-0.00222	PASS								
		20	0.76	0.0009	PASS								
		30	0.31	0.00037	PASS								
		40	3.13	0.0037	PASS								
		50	1.13	0.00133	PASS								
		WCDMA1900	UMTS/TM1	LCH	VN								
										-30	0.61	0.00033	PASS
										-20	0.12	0.00006	PASS
										-10	-3.27	-0.00177	PASS
										0	0.27	0.00015	PASS
										10	0.58	0.00031	PASS
20	-0.6									-0.00032	PASS		
30	-0.32									-0.00017	PASS		
40	0.17									0.00009	PASS		
50	-1.28			-0.00069	PASS								
MCH	VN												
										-30	0.46	0.00024	PASS
										-20	0.72	0.00038	PASS
										-10	0.6	0.00032	PASS
										0	-1.42	-0.00076	PASS
										10	-0.92	-0.00049	PASS
										20	-0.81	-0.00043	PASS
										30	-2.94	-0.00156	PASS
		40	-1.17							-0.00062	PASS		
50	-1.43	-0.00076	PASS										



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	-1.83	-0.00096	PASS
				-20	-6	-0.00315	PASS
				-10	-2.99	-0.00157	PASS
				0	-2.85	-0.00149	PASS
				10	0.03	0.00002	PASS
				20	-1.89	-0.00099	PASS
				30	-1.3	-0.00068	PASS
				40	-0.35	-0.00018	PASS
				50	-0.31	-0.00016	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	3.8	0.00222	PASS
				-20	5.08	0.00297	PASS
				-10	3.68	0.00215	PASS
				0	2.69	0.00157	PASS
				10	3.42	0.002	PASS
				20	2.72	0.00159	PASS
				30	2.5	0.00146	PASS
				40	4.17	0.00244	PASS
				50	2.72	0.00159	PASS
		MCH	VN	-30	2.98	0.00172	PASS
				-20	1.63	0.00094	PASS
				-10	2.2	0.00127	PASS
				0	2.99	0.00173	PASS
				10	0.02	0.00001	PASS
				20	0.66	0.00038	PASS
				30	-0.35	-0.0002	PASS
				40	1.92	0.00111	PASS
				50	0.9	0.00052	PASS
		HCH	VN	-30	-3.62	-0.00207	PASS
				-20	0.29	0.00017	PASS
				-10	-3.02	-0.00172	PASS
				0	-1.22	-0.0007	PASS
				10	-0.98	-0.00056	PASS
				20	-0.95	-0.00054	PASS
				30	-2.35	-0.00134	PASS
				40	-2.08	-0.00119	PASS
				50	-1.5	-0.00086	PASS



## 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
BAND2	LTE/TM1	1.4	LCH	TN	VL	-0.96	-0.00052	PASS
					VN	0.29	0.00016	PASS
					VH	-1.79	-0.00097	PASS
			MCH	TN	VL	-2.68	-0.00143	PASS
					VN	-3.91	-0.00208	PASS
					VH	-4.19	-0.00223	PASS
			HCH	TN	VL	-0.46	-0.00024	PASS
					VN	1.37	0.00072	PASS
					VH	-2.13	-0.00112	PASS
		3	LCH	TN	VL	-1.83	-0.00099	PASS
					VN	-2.83	-0.00153	PASS
					VH	-2.99	-0.00161	PASS
			MCH	TN	VL	-3.35	-0.00178	PASS
					VN	-3.25	-0.00173	PASS
					VH	-2.7	-0.00144	PASS
			HCH	TN	VL	-0.67	-0.00035	PASS
					VN	0.49	0.00026	PASS
					VH	1.19	0.00062	PASS
		5	LCH	TN	VL	-2.72	-0.00147	PASS
					VN	-2.65	-0.00143	PASS
					VH	-0.54	-0.00029	PASS
			MCH	TN	VL	-2.68	-0.00143	PASS
					VN	-3.3	-0.00176	PASS
					VH	-4.19	-0.00223	PASS
			HCH	TN	VL	1.17	0.00061	PASS
					VN	-0.46	-0.00024	PASS
					VH	-0.49	-0.00026	PASS
		10	LCH	TN	VL	-3.29	-0.00177	PASS
					VN	-3.02	-0.00163	PASS
					VH	-2.6	-0.0014	PASS
			MCH	TN	VL	-4.06	-0.00216	PASS
					VN	-3.22	-0.00171	PASS
					VH	-3.3	-0.00176	PASS
			HCH	TN	VL	2.05	0.00108	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		15	LCH	TN	VN	0.26	0.00014	PASS	
					VH	-0.54	-0.00028	PASS	
					VL	-3.86	-0.00208	PASS	
			MCH	TN	VN	-3.78	-0.00203	PASS	
					VH	-2.43	-0.00131	PASS	
					VL	-3.4	-0.00181	PASS	
		HCH	TN	VN	-3.72	-0.00198	PASS		
				VH	-3.49	-0.00186	PASS		
				VL	-2.6	-0.00137	PASS		
		20	LCH	TN	VN	-2.17	-0.00114	PASS	
					VH	-2.6	-0.00137	PASS	
					VL	-3.19	-0.00172	PASS	
			MCH	TN	VN	-4.26	-0.00229	PASS	
					VH	-3.92	-0.00211	PASS	
					VL	-4.52	-0.0024	PASS	
		HCH	TN	VN	-3.43	-0.00182	PASS		
				VH	-3.16	-0.00168	PASS		
				VL	-3.66	-0.00193	PASS		
		LTE/TM2	1.4	LCH	TN	VN	-4.15	-0.00218	PASS
						VH	-4.32	-0.00227	PASS
						VL	-2.02	-0.00109	PASS
				MCH	TN	VN	2.03	0.0011	PASS
						VH	-1.93	-0.00104	PASS
						VL	-3.3	-0.00176	PASS
	HCH			TN	VN	-1.75	-0.00093	PASS	
					VH	-0.92	-0.00049	PASS	
					VL	1.3	0.00068	PASS	
	3			LCH	TN	VN	-0.74	-0.00039	PASS
						VH	0.54	0.00028	PASS
						VL	-1.69	-0.00091	PASS
			MCH	TN	VN	-2.79	-0.00151	PASS	
					VH	-2.93	-0.00158	PASS	
					VL	-2.59	-0.00138	PASS	
			HCH	TN	VN	-2.72	-0.00145	PASS	
					VH	-3.73	-0.00198	PASS	
					VL	-1.14	-0.0006	PASS	
	5		LCH	TN	VN	0.43	0.00023	PASS	
					VH	-0.56	-0.00029	PASS	
					VL	-2.56	-0.00138	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-1.29	-0.0007	PASS		
					VH	-2.35	-0.00127	PASS		
					MCH	TN	VL	-2.12	-0.00113	PASS
							VN	-3.79	-0.00202	PASS
					VH	-3.53	-0.00188	PASS		
					HCH	TN	VL	0.89	0.00047	PASS
			VN	0.79			0.00041	PASS		
			VH	-0.34			-0.00018	PASS		
			10	LCH	TN	VL	-2.6	-0.0014	PASS	
						VN	-2.98	-0.00161	PASS	
						VH	-3.13	-0.00169	PASS	
				MCH	TN	VL	-3.02	-0.00161	PASS	
		VN				-3.45	-0.00184	PASS		
		VH				-4.22	-0.00224	PASS		
		HCH		TN	VL	0.73	0.00038	PASS		
					VN	1.57	0.00082	PASS		
					VH	-0.44	-0.00023	PASS		
		15		LCH	TN	VL	-3.09	-0.00166	PASS	
						VN	-2.92	-0.00157	PASS	
						VH	-2.35	-0.00127	PASS	
			MCH	TN	VL	-4.66	-0.00248	PASS		
					VN	-4.02	-0.00214	PASS		
					VH	-3.22	-0.00171	PASS		
			HCH	TN	VL	-3.15	-0.00166	PASS		
					VN	-3.06	-0.00161	PASS		
					VH	-3.18	-0.00167	PASS		
		20	LCH	TN	VL	0.82	0.00044	PASS		
					VN	0.31	0.00017	PASS		
					VH	1.44	0.00077	PASS		
			MCH	TN	VL	-3.39	-0.0018	PASS		
					VN	-4.46	-0.00237	PASS		
					VH	-3.5	-0.00186	PASS		
			HCH	TN	VL	-3.52	-0.00185	PASS		
					VN	-2.22	-0.00117	PASS		
					VH	-2.66	-0.0014	PASS		
		BAND4	LTE/TM1	1.4	LCH	TN	VL	1.85	0.00108	PASS
VN	2.79						0.00163	PASS		
VH	3.05						0.00178	PASS		
MCH	TN				VL	-1.36	-0.00078	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	0.7	0.0004	PASS		
					VH	-0.44	-0.00025	PASS		
			HCH	TN	VL	-2.16	-0.00123	PASS		
					VN	-0.43	-0.00025	PASS		
					VH	-5.28	-0.00301	PASS		
					VL	-0.54	-0.00032	PASS		
		3	LCH	TN	VN	-0.17	-0.0001	PASS		
					VH	2.39	0.0014	PASS		
					VL	0.19	0.00011	PASS		
			MCH	TN	VN	0.74	0.00043	PASS		
					VH	1.09	0.00063	PASS		
					VL	1.62	0.00092	PASS		
		HCH	TN	VN	-1.95	-0.00111	PASS			
				VH	-1.47	-0.00084	PASS			
				VL	4.42	0.00258	PASS			
				5	LCH	TN	VN	2.17	0.00127	PASS
							VH	2.27	0.00133	PASS
							VL	0.29	0.00017	PASS
		MCH	TN		VN	1.96	0.00113	PASS		
					VH	-0.56	-0.00032	PASS		
					VL	-2.12	-0.00121	PASS		
		HCH	TN	VN	-2.46	-0.0014	PASS			
				VH	-2.05	-0.00117	PASS			
				10	LCH	TN	VL	-1.24	-0.00072	PASS
							VN	-4.42	-0.00258	PASS
							VH	-1.95	-0.00114	PASS
					MCH	TN	VL	-0.56	-0.00032	PASS
		VN	0.16				0.00009	PASS		
		VH	1.87				0.00108	PASS		
		HCH	TN	VL	1.85	0.00106	PASS			
				VN	-0.14	-0.00008	PASS			
				VH	2.12	0.00121	PASS			
		15	LCH	TN	VL	-2.92	-0.0017	PASS		
					VN	-4.96	-0.00289	PASS		
					VH	-3.59	-0.00209	PASS		
			MCH	TN	VL	1.07	0.00062	PASS		
VN	1.09				0.00063	PASS				
VH	0.9				0.00052	PASS				
HCH	TN		VL	-0.33	-0.00019	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		20	LCH	TN	VN	0.29	0.00017	PASS		
					VH	0.17	0.0001	PASS		
					VL	1.22	0.00071	PASS		
			MCH	TN	VN	1.34	0.00078	PASS		
					VH	1.56	0.00091	PASS		
					VL	-0.01	-0.00001	PASS		
		HCH	TN	VN	1.19	0.00069	PASS			
				VH	0.01	0.00001	PASS			
				VL	-2.6	-0.00149	PASS			
			LTE/TM2	1.4	LCH	TN	VN	-1.75	-0.001	PASS
							VH	-2.6	-0.00149	PASS
							VL	1.46	0.00085	PASS
					MCH	TN	VN	0.33	0.00019	PASS
							VH	3.33	0.00195	PASS
							VL	-1.6	-0.00092	PASS
				HCH	TN	VN	-1.42	-0.00082	PASS	
						VH	0.09	0.00005	PASS	
						VL	-5.18	-0.00295	PASS	
	3			LCH	TN	VN	-2.76	-0.00157	PASS	
						VH	-2.05	-0.00117	PASS	
						VL	0.3	0.00018	PASS	
				MCH	TN	VN	-3.18	-0.00186	PASS	
						VH	-4.75	-0.00278	PASS	
						VL	-1.17	-0.00068	PASS	
	HCH			TN	VN	-0.36	-0.00021	PASS		
					VH	-0.67	-0.00039	PASS		
					VL	-1.44	-0.00082	PASS		
	5	LCH	TN	VN	-1.49	-0.00085	PASS			
				VH	-1.69	-0.00096	PASS			
				VL	1.67	0.00098	PASS			
		MCH	TN	VN	0.57	0.00033	PASS			
				VH	2.99	0.00175	PASS			
				VL	0.36	0.00021	PASS			
	HCH	TN	VN	0.31	0.00018	PASS				
			VH	0.31	0.00018	PASS				
			VL	-1.27	-0.00072	PASS				
	10	LCH	TN	VN	-3.09	-0.00176	PASS			
				VH	-2.17	-0.00124	PASS			
						VL	-6.49	-0.00378	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-1.32	-0.00077	PASS		
					VH	-2.79	-0.00163	PASS		
					MCH	TN	VL	-0.6	-0.00035	PASS
							VN	-2.76	-0.00159	PASS
					VH	-1.12	-0.00065	PASS		
					HCH	TN	VL	2.78	0.00159	PASS
			VN	0.39			0.00022	PASS		
			VH	3.16			0.00181	PASS		
			15	LCH	TN	VL	0.03	0.00002	PASS	
						VN	0.46	0.00027	PASS	
						VH	0.93	0.00054	PASS	
				MCH	TN	VL	0.26	0.00015	PASS	
		VN				-0.13	-0.00008	PASS		
		VH				0.2	0.00012	PASS		
		HCH		TN	VL	-0.46	-0.00026	PASS		
					VN	1.52	0.00087	PASS		
					VH	0.66	0.00038	PASS		
		20		LCH	TN	VL	1.83	0.00106	PASS	
						VN	2.47	0.00144	PASS	
						VH	1.3	0.00076	PASS	
			MCH	TN	VL	-0.64	-0.00037	PASS		
					VN	-0.83	-0.00048	PASS		
					VH	-1.59	-0.00092	PASS		
			HCH	TN	VL	-5.28	-0.00303	PASS		
					VN	-5.98	-0.00343	PASS		
					VH	-4.08	-0.00234	PASS		
		BAND5	LTE/TM1	1.4	LCH	TN	VL	-0.51	-0.00062	PASS
							VN	-0.27	-0.00033	PASS
							VH	-1.43	-0.00173	PASS
					MCH	TN	VL	-0.53	-0.00063	PASS
VN	-1.46						-0.00175	PASS		
VH	0.44						0.00053	PASS		
HCH	TN				VL	-0.49	-0.00058	PASS		
					VN	0.41	0.00048	PASS		
					VH	0.26	0.00031	PASS		
3	LCH			TN	VL	0.31	0.00038	PASS		
					VN	0.47	0.00057	PASS		
					VH	0.96	0.00116	PASS		
MCH	TN			VL	-0.64	-0.00077	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	0.23	0.00027	PASS	
					VH	-0.77	-0.00092	PASS	
					VL	-2.65	-0.00313	PASS	
			HCH	TN	VN	-0.51	-0.0006	PASS	
					VH	-1.77	-0.00209	PASS	
					VL	-0.39	-0.00047	PASS	
		5	LCH	TN	VN	-1.89	-0.00229	PASS	
					VH	-1	-0.00121	PASS	
					VL	2.12	0.00253	PASS	
			MCH	TN	VN	4.29	0.00513	PASS	
					VH	3.75	0.00448	PASS	
					VL	0.43	0.00051	PASS	
		10	HCH	TN	VN	-0.59	-0.0007	PASS	
					VH	2.56	0.00302	PASS	
					VL	0.23	0.00028	PASS	
			LCH	TN	VN	-0.46	-0.00055	PASS	
					VH	-1.44	-0.00174	PASS	
					VL	0.5	0.0006	PASS	
		3	MCH	TN	VN	0.04	0.00005	PASS	
					VH	-0.19	-0.00023	PASS	
					VL	1.32	0.00156	PASS	
			HCH	TN	VN	0.3	0.00036	PASS	
					VH	-0.92	-0.00109	PASS	
					VL	-1.87	-0.00227	PASS	
		LTE/TM2	1.4	LCH	TN	VN	-2.52	-0.00306	PASS
						VH	-2.85	-0.00346	PASS
						VL	-1.02	-0.00122	PASS
				MCH	TN	VN	1	0.0012	PASS
						VH	-0.17	-0.0002	PASS
						VL	0.03	0.00004	PASS
				HCH	TN	VN	0.93	0.0011	PASS
						VH	0.73	0.00086	PASS
						VL	-0.96	-0.00116	PASS
			3	LCH	TN	VN	-0.7	-0.00085	PASS
						VH	0.39	0.00047	PASS
						VL	-1.17	-0.0014	PASS
				MCH	TN	VN	-0.8	-0.00096	PASS
						VH	-1.56	-0.00186	PASS
						VL	-2.35	-0.00277	PASS
			HCH	TN	VL	-2.35	-0.00277	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		5	LCH	TN	VN	-3.35	-0.00395	PASS		
					VH	-1.27	-0.0015	PASS		
					VL	-1.8	-0.00218	PASS		
			MCH	TN	VN	-2.23	-0.0027	PASS		
					VH	-2.36	-0.00286	PASS		
					VL	2.47	0.00295	PASS		
		HCH	TN	VN	2.92	0.00349	PASS			
				VH	3.35	0.004	PASS			
				VL	-0.53	-0.00063	PASS			
		10	LCH	TN	VN	2.3	0.00272	PASS		
					VH	-0.56	-0.00066	PASS		
					VL	-1.39	-0.00168	PASS		
			MCH	TN	VN	-1.02	-0.00123	PASS		
					VH	-0.97	-0.00117	PASS		
					VL	-0.26	-0.00031	PASS		
			HCH	TN	VN	-0.19	-0.00023	PASS		
					VH	-0.63	-0.00075	PASS		
					VL	0.41	0.00049	PASS		
		BAND12	LTE/TM1	1.4	LCH	TN	VN	0.9	0.00107	PASS
							VH	-1.44	-0.00171	PASS
							VL	3.29	0.0047	PASS
					MCH	TN	VN	1.79	0.00256	PASS
							VH	1.96	0.0028	PASS
							VL	-0.51	-0.00072	PASS
				HCH	TN	VN	-1.27	-0.0018	PASS	
						VH	-0.72	-0.00102	PASS	
						VL	0.09	0.00013	PASS	
3	LCH	TN	VN	-1.09	-0.00152	PASS				
			VH	-0.43	-0.0006	PASS				
			VL	-19.94	-0.02847	PASS				
	MCH	TN	VN	-18.15	-0.02591	PASS				
			VH	-19.94	-0.02847	PASS				
			VL	-0.07	-0.0001	PASS				
HCH	TN	VN	-0.31	-0.00044	PASS					
		VH	-1.03	-0.00146	PASS					
		VL	0.56	0.00078	PASS					
5	LCH	TN	VN	1.27	0.00178	PASS				
			VH	-0.21	-0.00029	PASS				
			VL	0.1	0.00014	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	0.23	0.00033	PASS	
					VH	1.02	0.00145	PASS	
					VL	-0.1	-0.00014	PASS	
			MCH	TN	VN	0.26	0.00037	PASS	
					VH	-0.09	-0.00013	PASS	
					VL	0.59	0.00083	PASS	
			HCH	TN	VN	-1.46	-0.00205	PASS	
					VH	-0.64	-0.0009	PASS	
					VL	-0.64	-0.00091	PASS	
		10	LCH	TN	VN	-0.64	-0.00091	PASS	
					VH	-0.92	-0.00131	PASS	
					VL	-0.2	-0.00028	PASS	
			MCH	TN	VN	-0.04	-0.00006	PASS	
					VH	-0.26	-0.00037	PASS	
					VL	-1.56	-0.00219	PASS	
			HCH	TN	VN	-0.86	-0.00121	PASS	
					VH	-1.63	-0.00229	PASS	
					VL	3.28	0.00469	PASS	
		LTE/TM2	1.4	LCH	TN	VN	3.23	0.00462	PASS
						VH	1.69	0.00242	PASS
						VL	-0.63	-0.00089	PASS
	MCH			TN	VN	0.3	0.00042	PASS	
					VH	-0.84	-0.00119	PASS	
					VL	-0.03	-0.00004	PASS	
	HCH			TN	VN	-1.65	-0.00231	PASS	
					VH	0.11	0.00015	PASS	
					VL	-18.01	-0.02571	PASS	
	3		LCH	TN	VN	-18.05	-0.02577	PASS	
					VH	-17.55	-0.02505	PASS	
					VL	-0.5	-0.00071	PASS	
			MCH	TN	VN	-0.79	-0.00112	PASS	
					VH	-1.14	-0.00161	PASS	
					VL	-1.1	-0.00154	PASS	
	HCH	TN	VN	-0.56	-0.00078	PASS			
			VH	-0.21	-0.00029	PASS			
			VL	-0.73	-0.00104	PASS			
	5	LCH	TN	VN	-0.16	-0.00023	PASS		
				VH	-0.41	-0.00058	PASS		
				VL	-1.24	-0.00175	PASS		
	MCH	TN	VL	-1.24	-0.00175	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			HCH	TN	VN	-0.9	-0.00127	PASS		
					VH	-1.17	-0.00165	PASS		
					VL	-1.33	-0.00186	PASS		
			HCH	TN	VN	-2.7	-0.00378	PASS		
					VH	-2.16	-0.00303	PASS		
					VL	0.72	0.00102	PASS		
		10	LCH	TN	VN	-0.2	-0.00028	PASS		
					VH	-0.6	-0.00085	PASS		
					VL	1.07	0.00151	PASS		
			MCH	TN	VN	0.49	0.00069	PASS		
					VH	1.06	0.0015	PASS		
					VL	0.21	0.0003	PASS		
		HCH	TN	VN	-0.27	-0.00038	PASS			
				VH	-0.41	-0.00058	PASS			
				VL	-1.73	-0.00245	PASS			
		BAND17	LTE/TM1	5	LCH	TN	VN	-2.4	-0.0034	PASS
							VH	-1.63	-0.00231	PASS
							VL	-0.07	-0.0001	PASS
MCH	TN				VN	0.07	0.0001	PASS		
					VH	-0.07	-0.0001	PASS		
					VL	0.5	0.0007	PASS		
HCH	TN			VN	0.84	0.00118	PASS			
				VH	-0.06	-0.00008	PASS			
				VL	-0.4	-0.00056	PASS			
10	LCH			TN	VN	-0.01	-0.00001	PASS		
					VH	-0.34	-0.00048	PASS		
					VL	0.64	0.0009	PASS		
	MCH			TN	VN	-0.3	-0.00042	PASS		
					VH	-0.34	-0.00048	PASS		
					VL	-1.33	-0.00187	PASS		
HCH	TN			VN	-0.79	-0.00111	PASS			
				VH	-2.42	-0.0034	PASS			
				VL	-1.4	-0.00198	PASS			
LTE/TM2	5		LCH	TN	VN	-1.39	-0.00197	PASS		
					VH	-1.67	-0.00236	PASS		
					VL	-1.43	-0.00201	PASS		
			MCH	TN	VN	0.01	0.00001	PASS		
					VH	-0.8	-0.00113	PASS		
					VL	-1.27	-0.00178	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	VN	-0.84	-0.00118	PASS
					VH	-1.3	-0.00182	PASS
					VL	0.87	0.00123	PASS
			VN		-0.96	-0.00135	PASS	
			VH		0.3	0.00042	PASS	
			VL		1.62	0.00228	PASS	
		MCH	TN	VN	1.3	0.00183	PASS	
				VH	0.83	0.00117	PASS	
				VL	0.66	0.00093	PASS	
		HCH	TN	VN	-0.54	-0.00076	PASS	
				VH	0.2	0.00028	PASS	
				VL	0.66	0.00093	PASS	

8.3.2 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
BAND2	LTE/TM1	1.4	LCH	VN	-30	1.59	0.00086	PASS
					-20	0.09	0.00005	PASS
					-10	0.3	0.00016	PASS
					0	2.37	0.00128	PASS
					10	4.52	0.00244	PASS
					20	-0.26	-0.00014	PASS
					30	3.02	0.00163	PASS
					40	0.34	0.00018	PASS
					50	1.19	0.00064	PASS
			MCH	VN	-30	-2.23	-0.00119	PASS
					-20	-3.22	-0.00171	PASS
					-10	-2.26	-0.0012	PASS
					0	-3.96	-0.00211	PASS
					10	-2.93	-0.00156	PASS
					20	-4.48	-0.00238	PASS
					30	-3.76	-0.002	PASS
					40	-2.43	-0.00129	PASS
					50	-2.75	-0.00146	PASS
			HCH	VN	-30	-1.89	-0.00099	PASS
					-20	0.44	0.00023	PASS
					-10	-0.9	-0.00047	PASS
					0	-2.36	-0.00124	PASS
					10	-2.93	-0.00156	PASS
					20	-4.48	-0.00238	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
	VN				10	0.31	0.00016	PASS		
					20	-0.19	-0.0001	PASS		
					30	0.84	0.00044	PASS		
					40	0.11	0.00006	PASS		
					50	-2.43	-0.00127	PASS		
		3	LCH	VN	-30	-3.91	-0.00211	PASS		
					-20	-2.55	-0.00138	PASS		
					-10	-4.66	-0.00252	PASS		
					0	-1.95	-0.00105	PASS		
					10	-3.63	-0.00196	PASS		
					20	-2.4	-0.0013	PASS		
					30	-3.15	-0.0017	PASS		
					40	-2.49	-0.00134	PASS		
					50	-3.46	-0.00187	PASS		
					MCH	VN	-30	-2.6	-0.00138	PASS
							-20	-3	-0.0016	PASS
							-10	-2.6	-0.00138	PASS
			0	-2.43			-0.00129	PASS		
			10	-3.42			-0.00182	PASS		
			20	-2.19			-0.00116	PASS		
			HCH	VN	-30	0.62	0.00032	PASS		
					-20	0.9	0.00047	PASS		
					-10	-0.5	-0.00026	PASS		
					0	0.53	0.00028	PASS		
					10	-0.04	-0.00002	PASS		
					20	0.9	0.00047	PASS		
			5	LCH	VN	-30	-3.06	-0.00165	PASS	
						-20	-2.7	-0.00146	PASS	
						-10	-1.89	-0.00102	PASS	
		0				-2.72	-0.00147	PASS		
		10				-2.26	-0.00122	PASS		
		20				-1	-0.00054	PASS		
		30				-1.79	-0.00097	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.6	0.00032	PASS
					50	-1.75	-0.00094	PASS
			MCH	VN	-30	-3.38	-0.0018	PASS
					-20	-2.26	-0.0012	PASS
					-10	-4.55	-0.00242	PASS
					0	-2.95	-0.00157	PASS
					10	-2.3	-0.00122	PASS
					20	-3.68	-0.00196	PASS
					30	-2.52	-0.00134	PASS
					40	-2.62	-0.00139	PASS
					50	-4.06	-0.00216	PASS
					HCH	VN	-30	0.82
			-20	0.27			0.00014	PASS
			-10	-0.41			-0.00021	PASS
			0	1.07			0.00056	PASS
			10	0.86			0.00045	PASS
			20	0.66			0.00035	PASS
			30	1.87			0.00098	PASS
			40	0.83			0.00044	PASS
			10	LCH	VN	-30	-3.39	-0.00183
		-20				-3.08	-0.00166	PASS
		-10				-2.92	-0.00157	PASS
		0				-2.36	-0.00127	PASS
		10				-2.75	-0.00148	PASS
		20				-2.22	-0.0012	PASS
		30				-3.33	-0.0018	PASS
		40				-4.18	-0.00225	PASS
		50				-1.33	-0.00072	PASS
		MCH				VN	-30	-2.8
				-20	-3.59		-0.00191	PASS
				-10	-3.09		-0.00164	PASS
				0	-2.15		-0.00114	PASS
				10	-2.46		-0.00131	PASS
				20	-4.22		-0.00224	PASS
				30	-4.48		-0.00238	PASS
				40	-4.76		-0.00253	PASS
				50	-3.99		-0.00212	PASS
				HCH	VN		-30	2.7



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.44	0.00076	PASS
					-10	1	0.00052	PASS
					0	1.19	0.00062	PASS
					10	0.92	0.00048	PASS
					20	1.67	0.00088	PASS
					30	-0.53	-0.00028	PASS
					40	0.93	0.00049	PASS
					50	0.39	0.0002	PASS
		15	LCH	VN	-30	-3.96	-0.00213	PASS
					-20	-3.05	-0.00164	PASS
					-10	-3.6	-0.00194	PASS
					0	-3.76	-0.00202	PASS
					10	-3.32	-0.00179	PASS
					20	-3.09	-0.00166	PASS
					30	-2.42	-0.0013	PASS
					40	-3.19	-0.00172	PASS
			MCH	VN	-30	-2.72	-0.00145	PASS
					-20	-3.49	-0.00186	PASS
					-10	-3.42	-0.00182	PASS
					0	-2.42	-0.00129	PASS
					10	-2.27	-0.00121	PASS
					20	-3.49	-0.00186	PASS
					30	-3.1	-0.00165	PASS
					40	-4.33	-0.0023	PASS
			HCH	VN	-30	-6.37	-0.00335	PASS
					-20	-6.61	-0.00347	PASS
					-10	-6.07	-0.00319	PASS
					0	-5.89	-0.0031	PASS
					10	-6.29	-0.00331	PASS
					20	-5.25	-0.00276	PASS
					30	-5.78	-0.00304	PASS
					40	-5.56	-0.00292	PASS
		20	LCH	VN	-30	-1.2	-0.00065	PASS
					-20	-0.7	-0.00038	PASS
					-10	-0.41	-0.00022	PASS
					0	-1.1	-0.00059	PASS