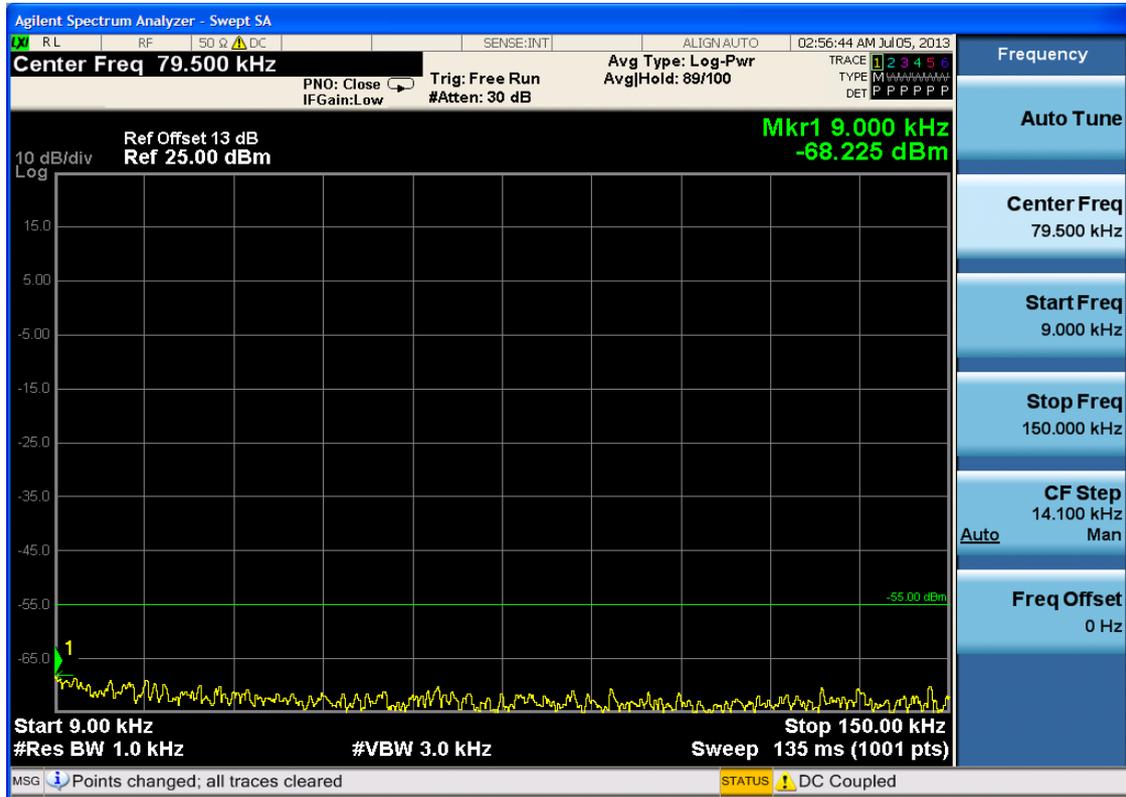
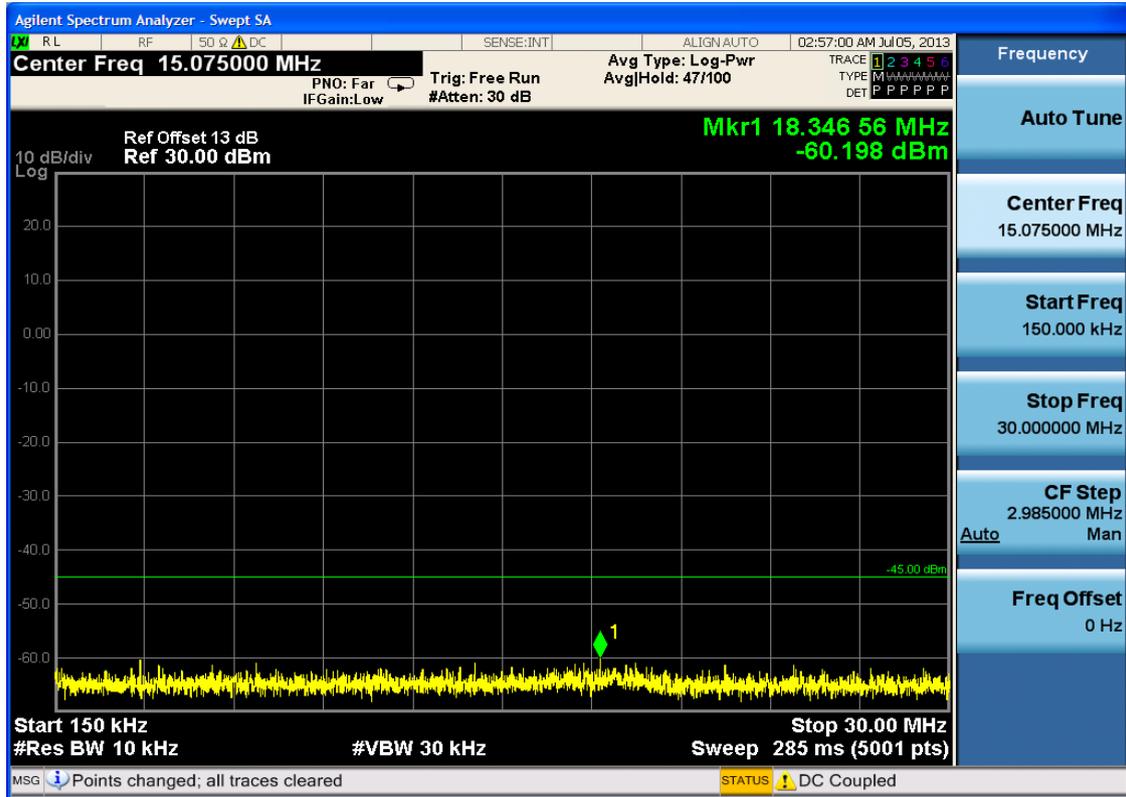




## 6.3.1.1.1.2 Test Channel = MCH

## 6.3.1.1.1.2.1 Test RB = RB1#0



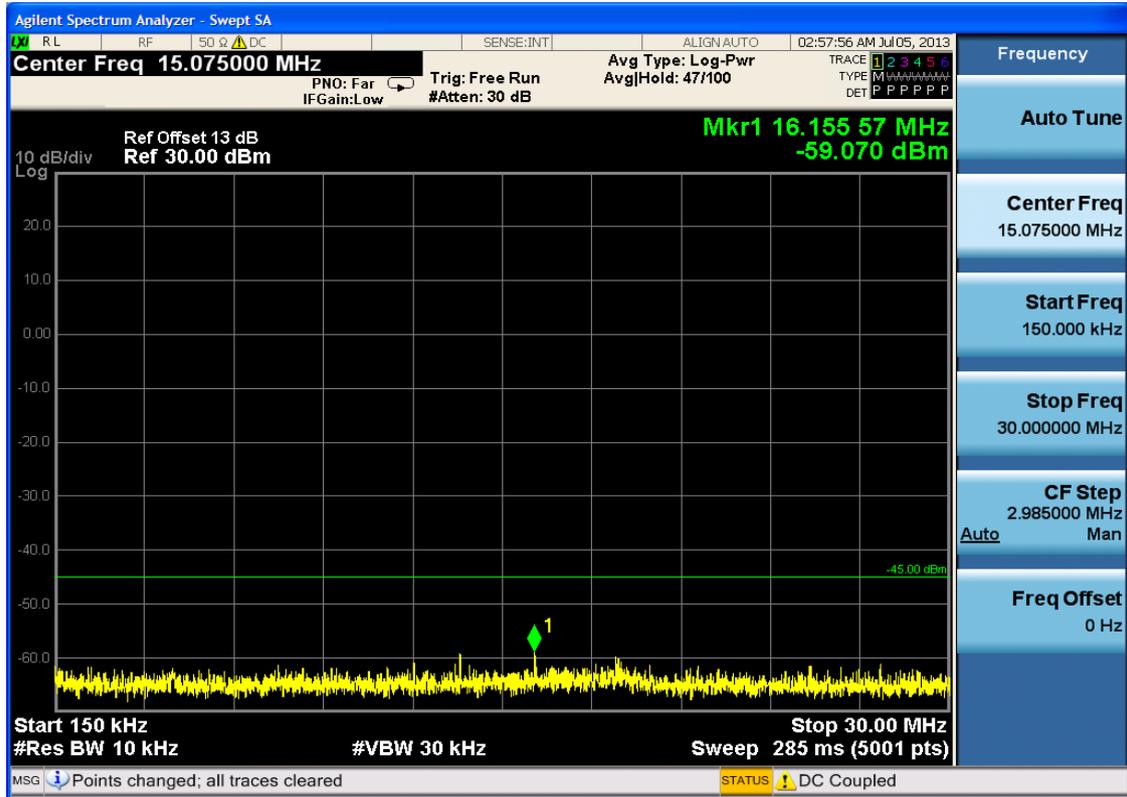


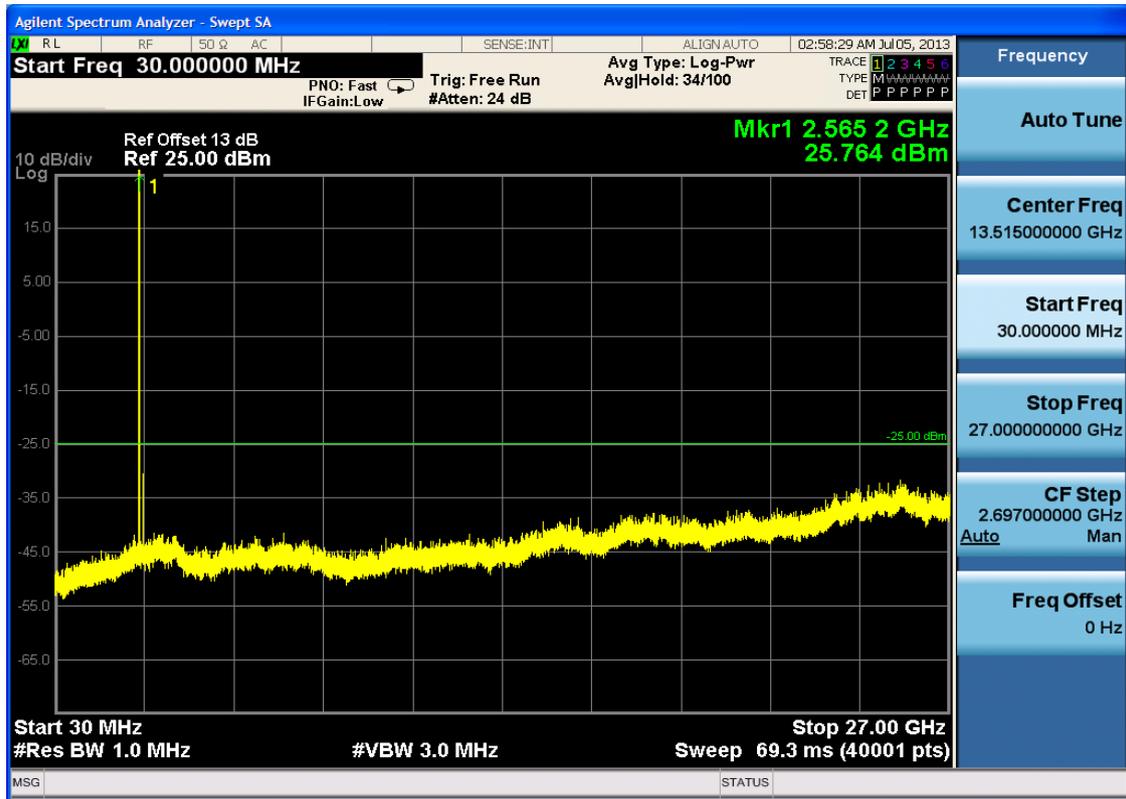


## 6.3.1.1.1.3 Test Channel = HCH

## 6.3.1.1.1.3.1 Test RB = RB1#0



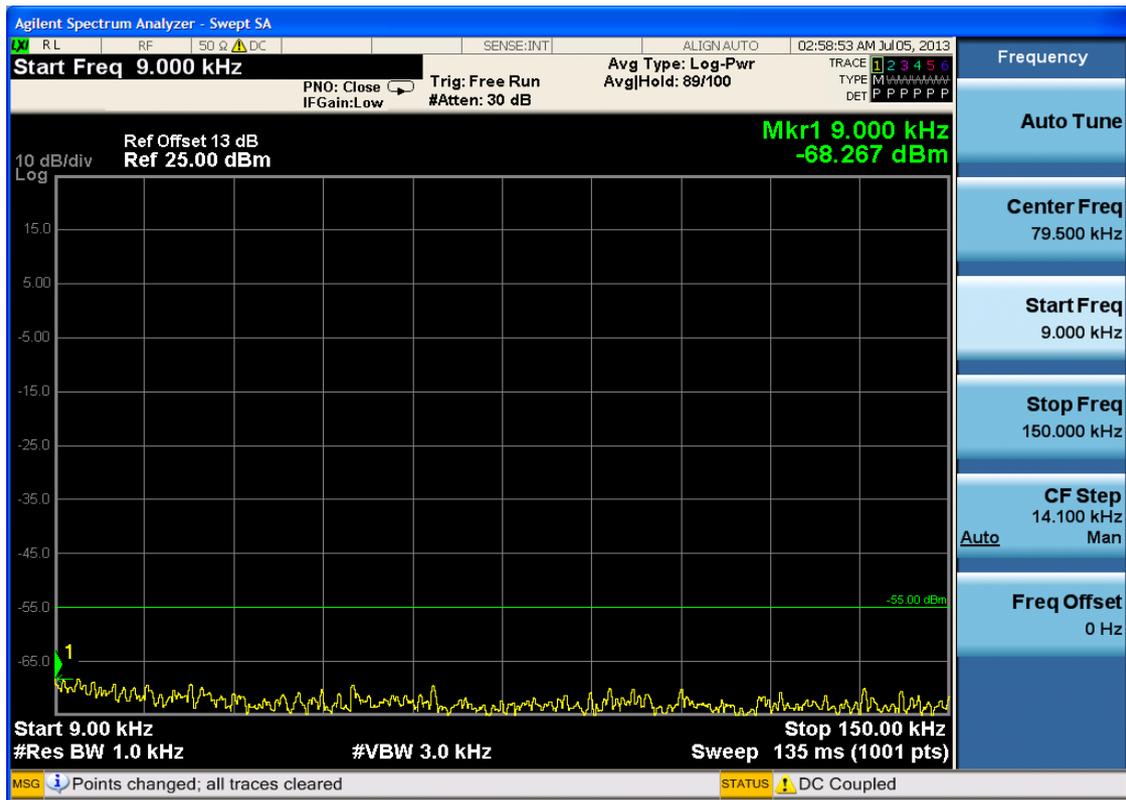


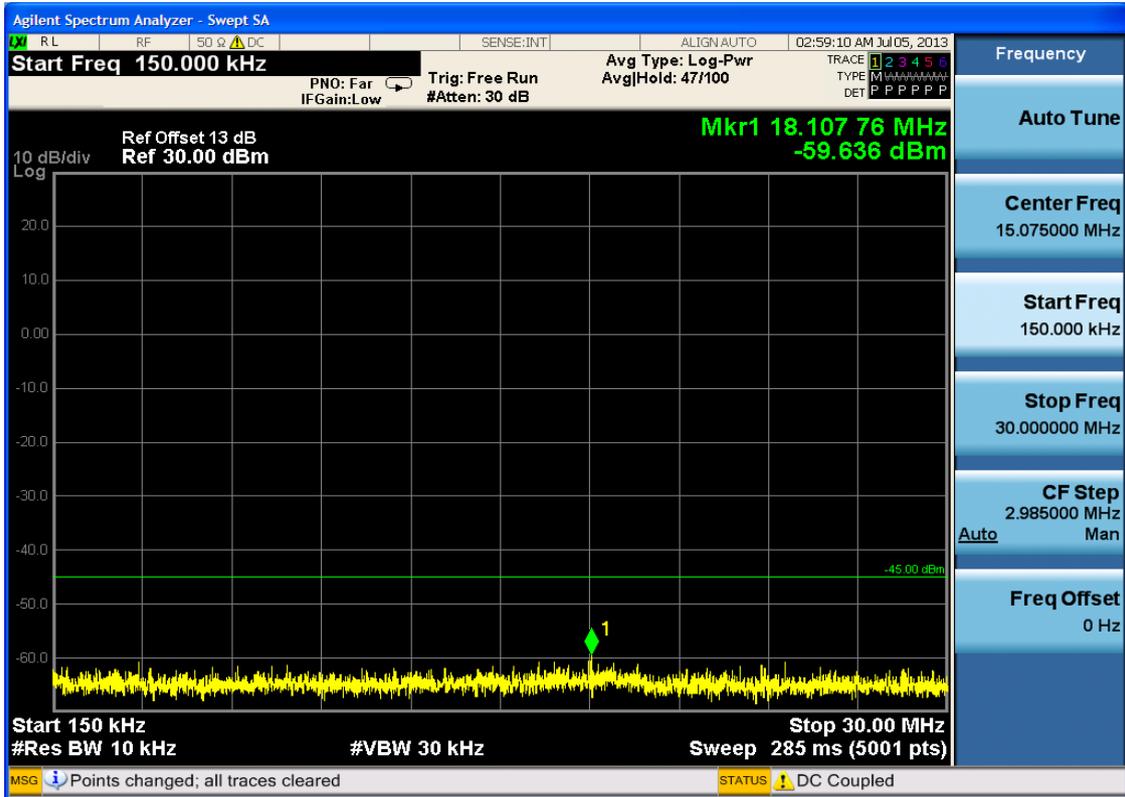


### 6.3.1.1.2 Test Bandwidth = 10

#### 6.3.1.1.2.1 Test Channel = LCH

##### 6.3.1.1.2.1.1 Test RB = RB1#0



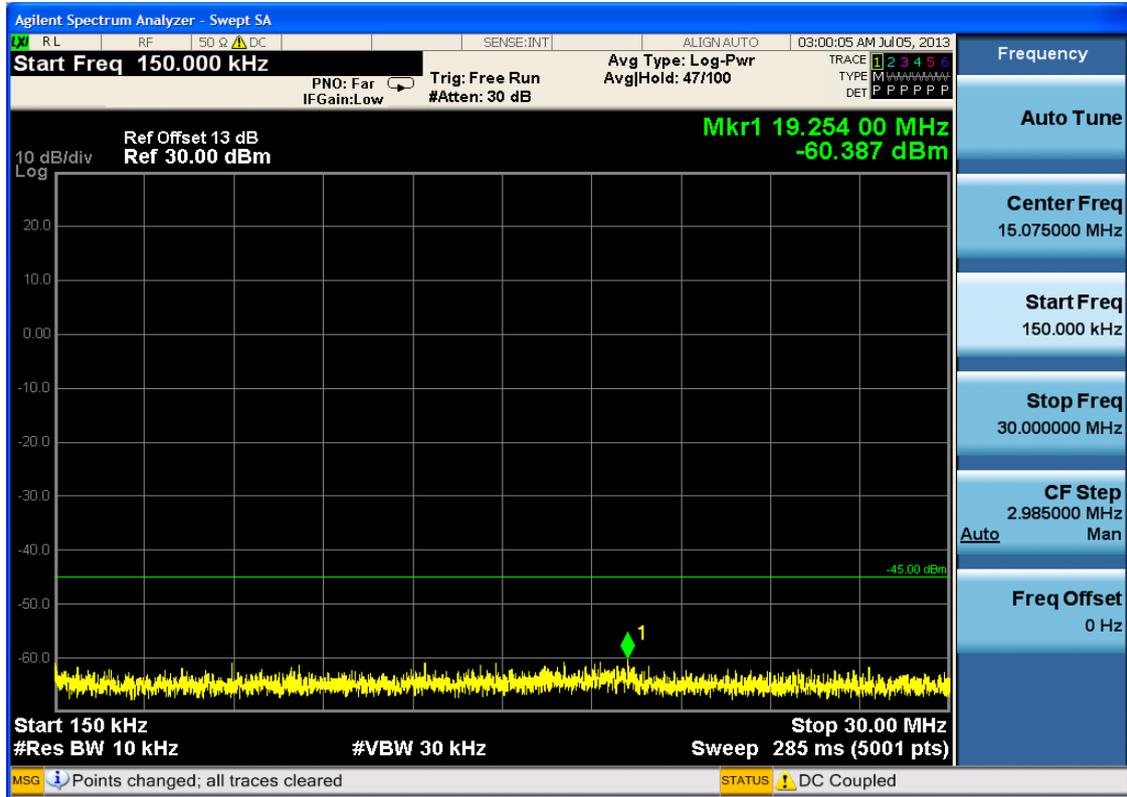




## 6.3.1.1.2.2 Test Channel = MCH

## 6.3.1.1.2.2.1 Test RB = RB1#0

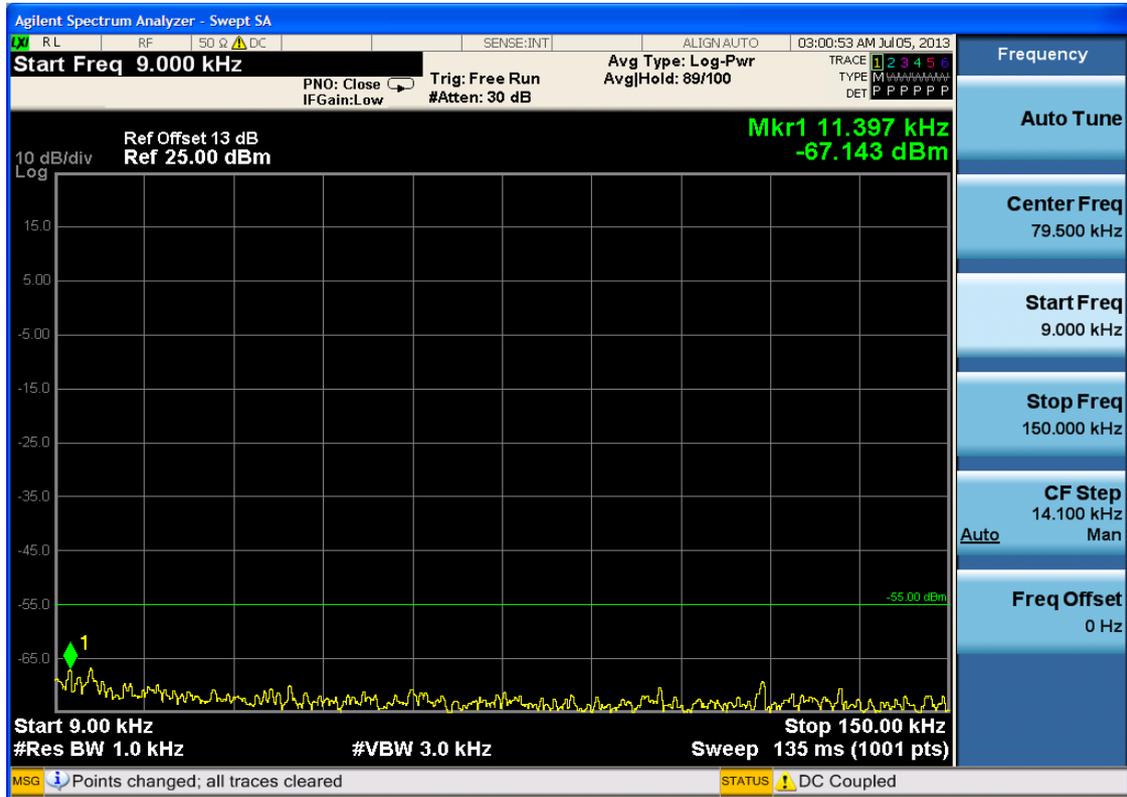


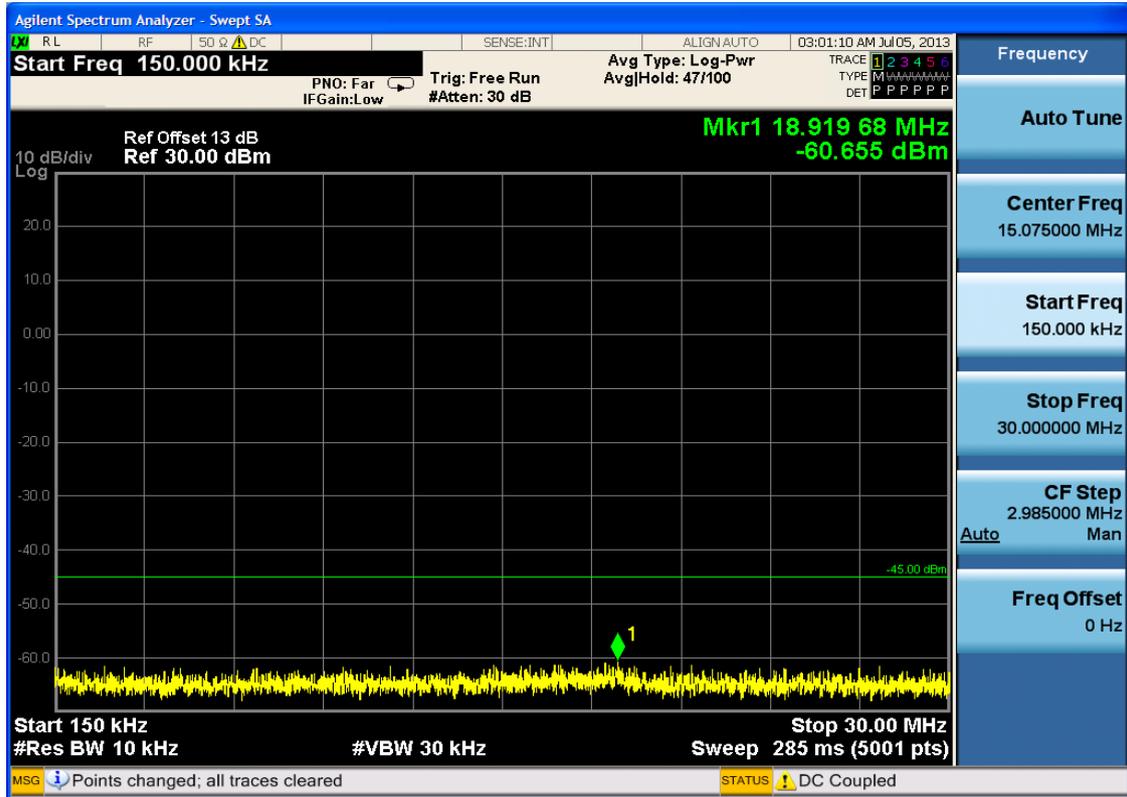


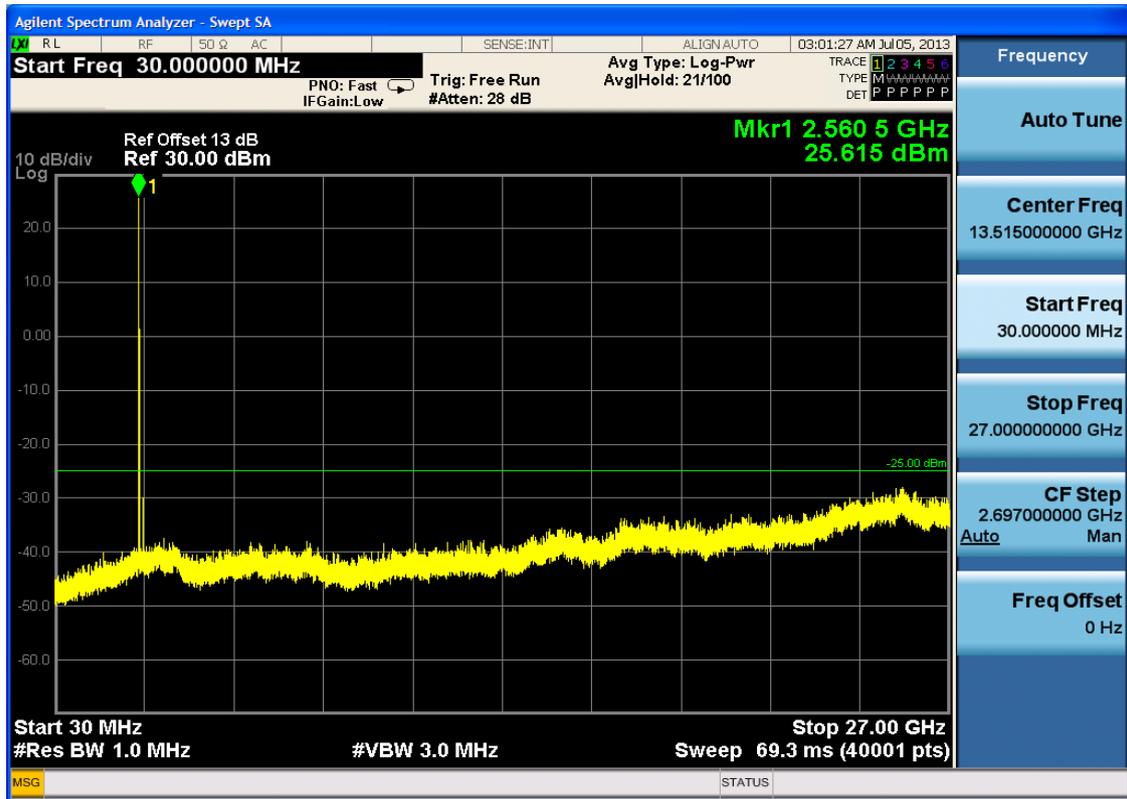


## 6.3.1.1.2.3 Test Channel = HCH

## 6.3.1.1.2.3.1 Test RB = RB1#0



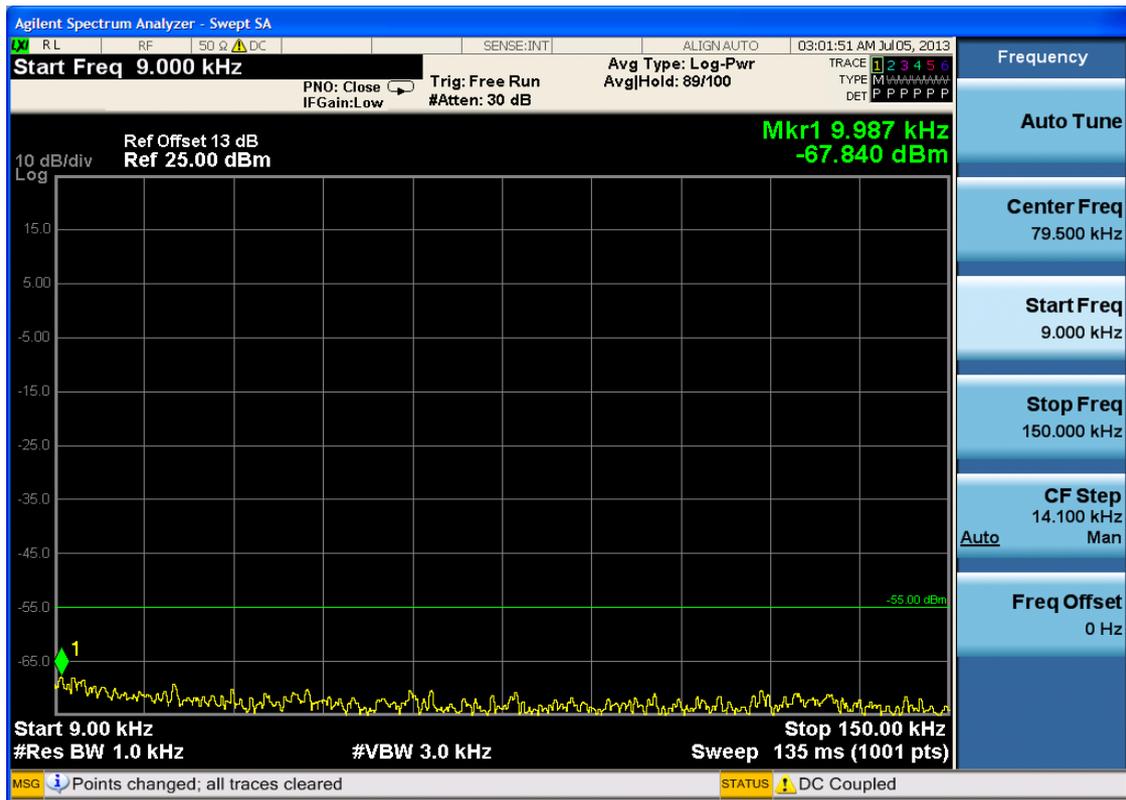


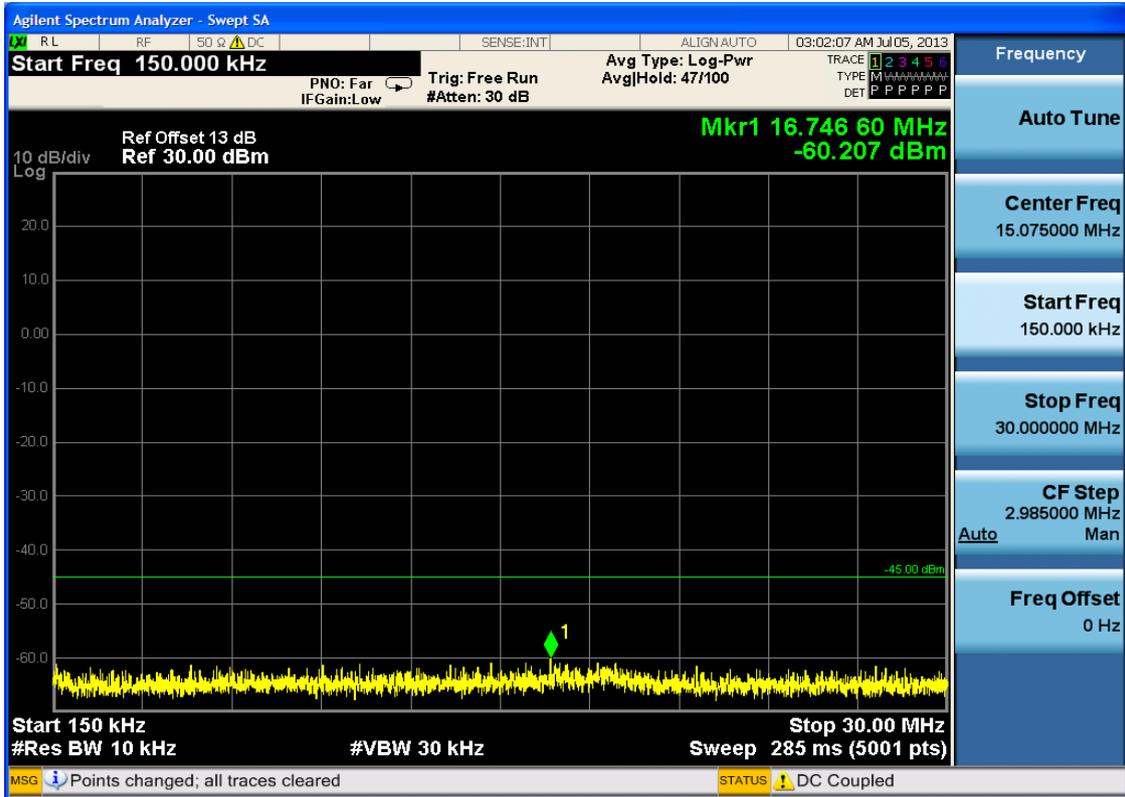


### 6.3.1.1.3 Test Bandwidth = 15

#### 6.3.1.1.3.1 Test Channel = LCH

##### 6.3.1.1.3.1.1 Test RB = RB1#0

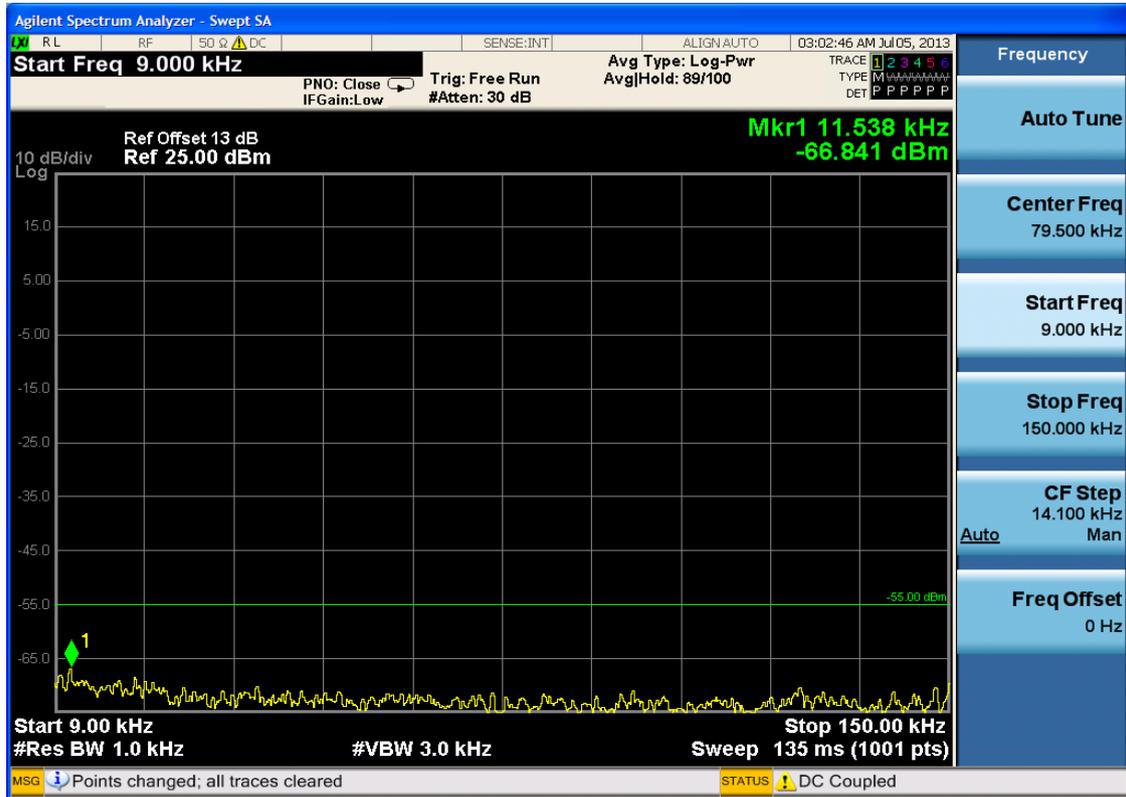


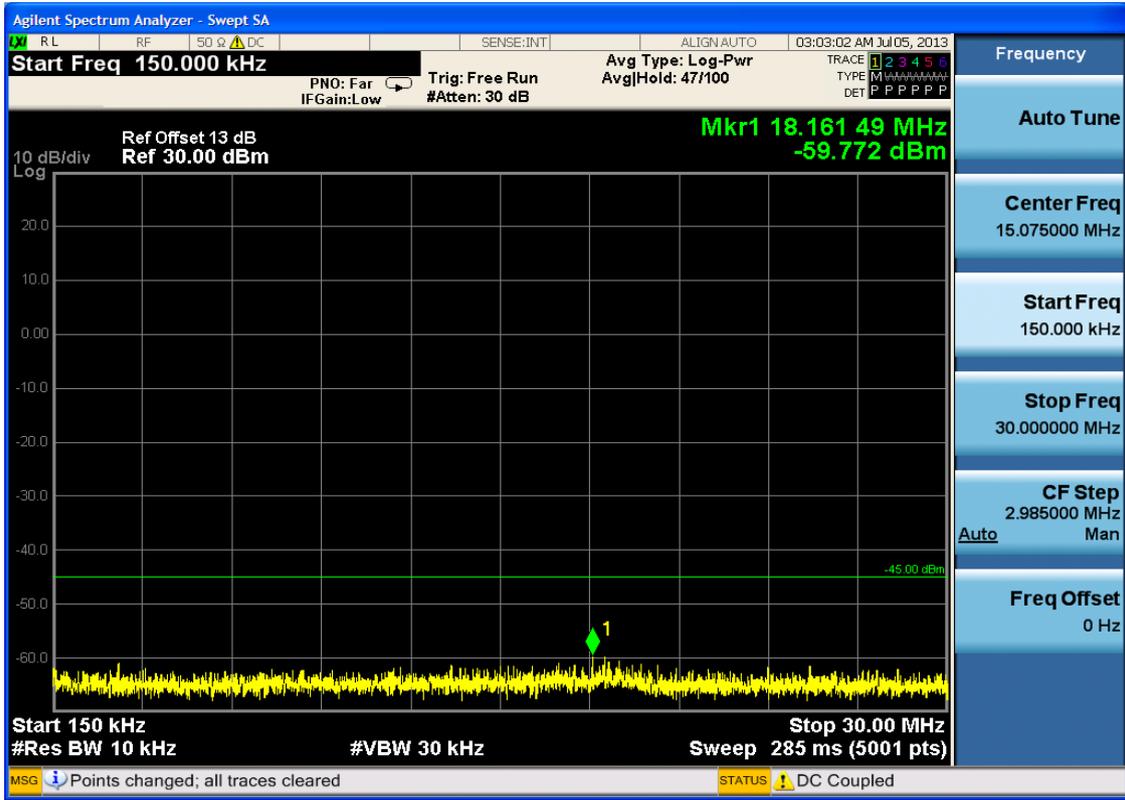


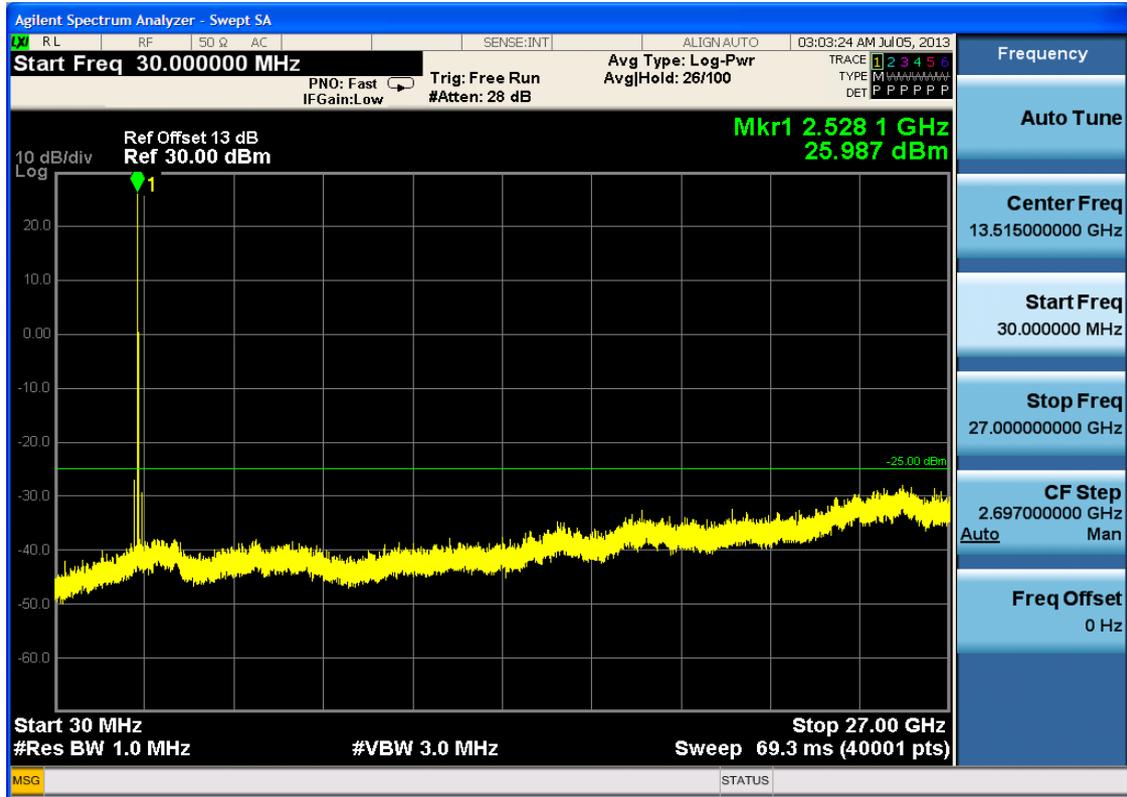


## 6.3.1.1.3.2 Test Channel = MCH

## 6.3.1.1.3.2.1 Test RB = RB1#0

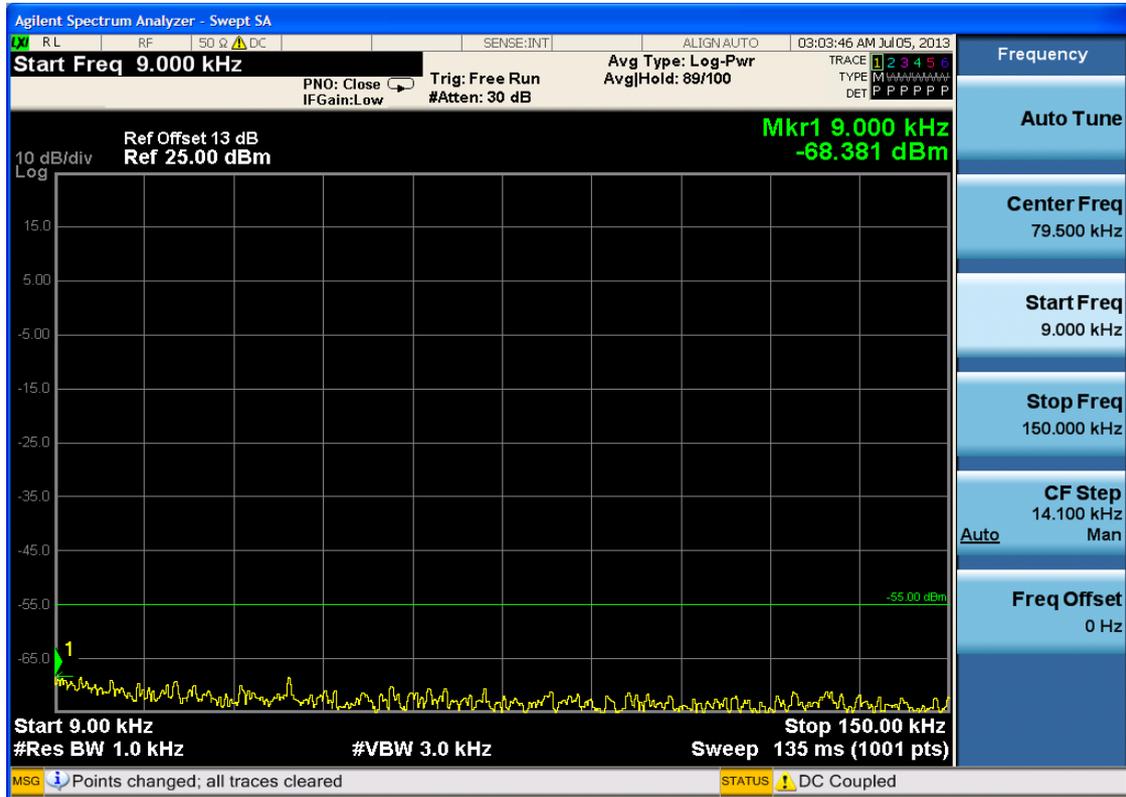


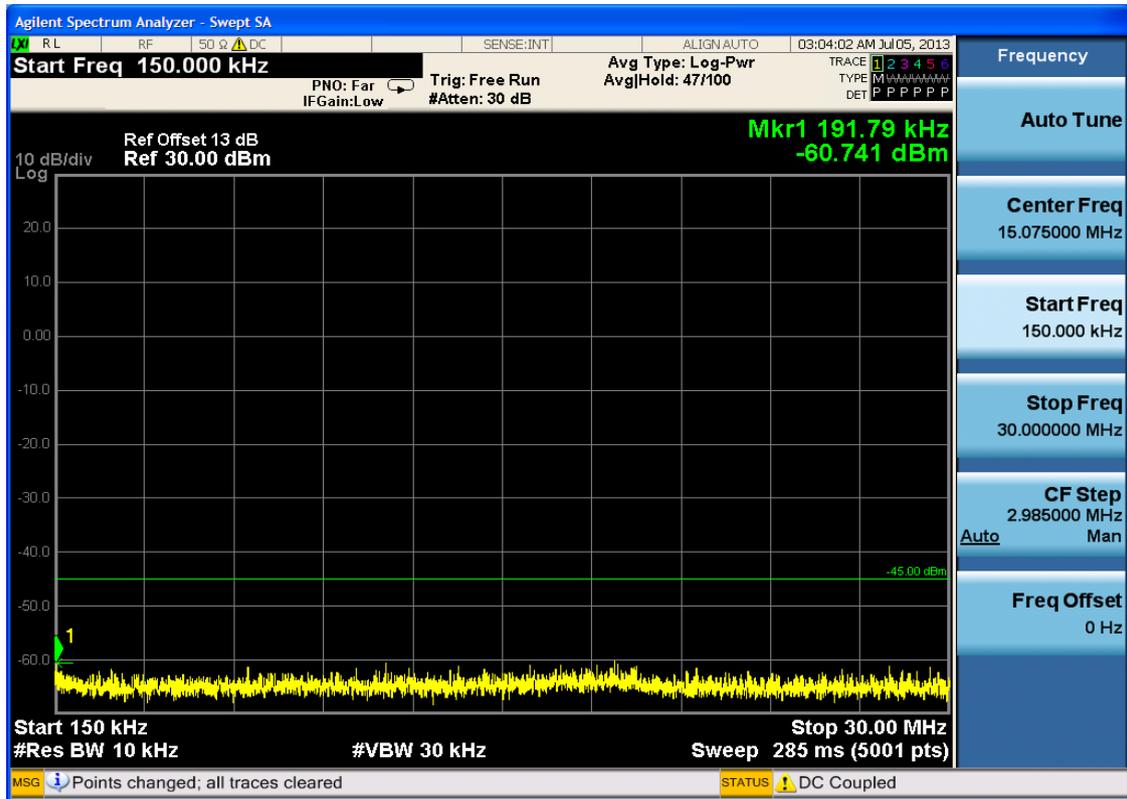


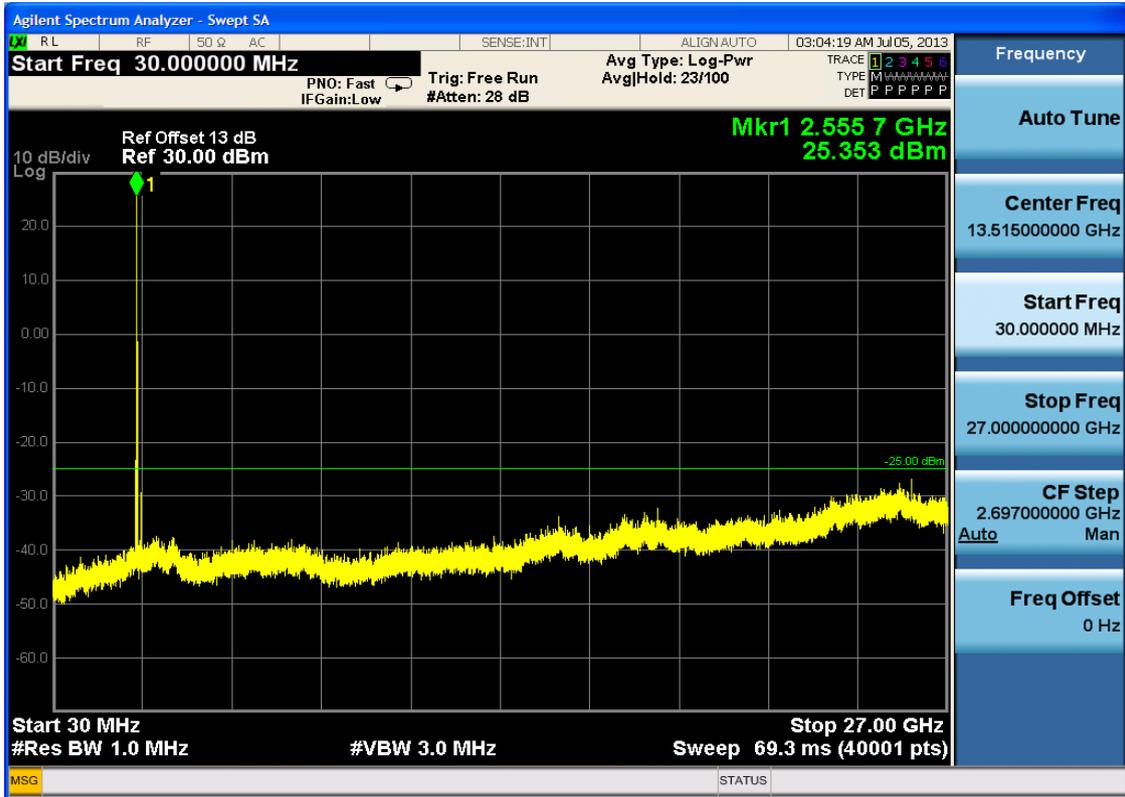


## 6.3.1.1.3.3 Test Channel = HCH

## 6.3.1.1.3.3.1 Test RB = RB1#0



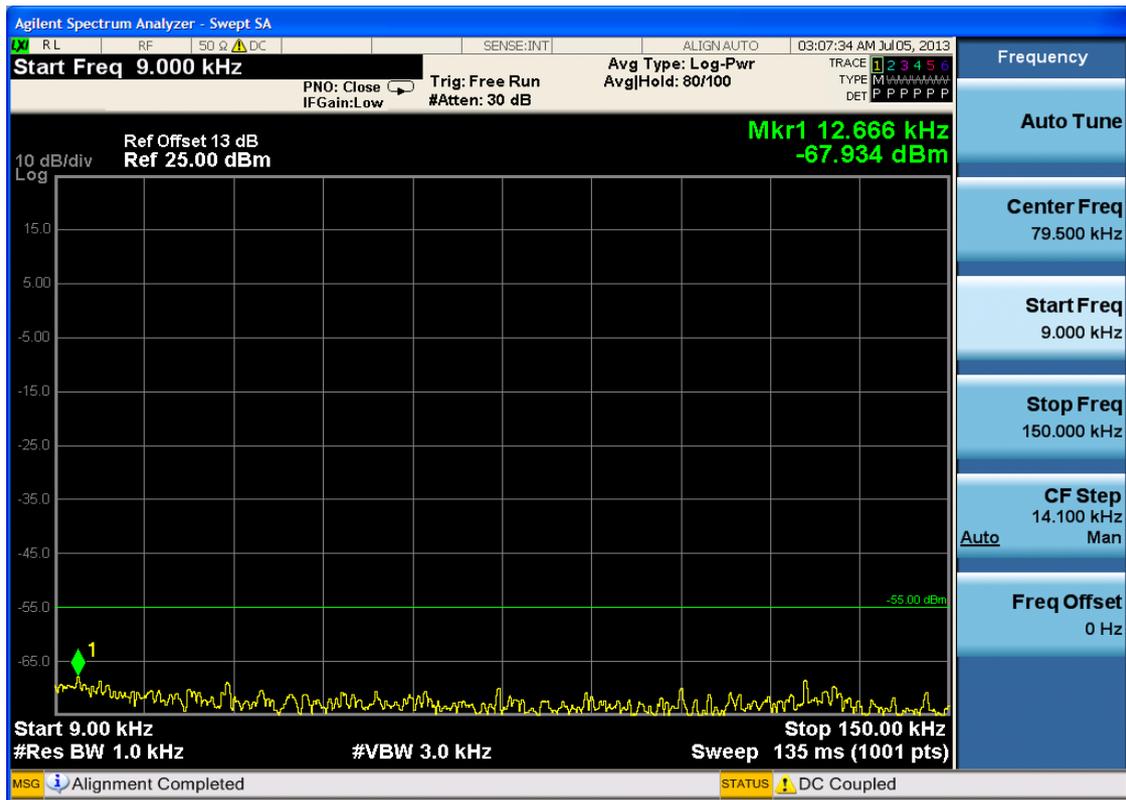


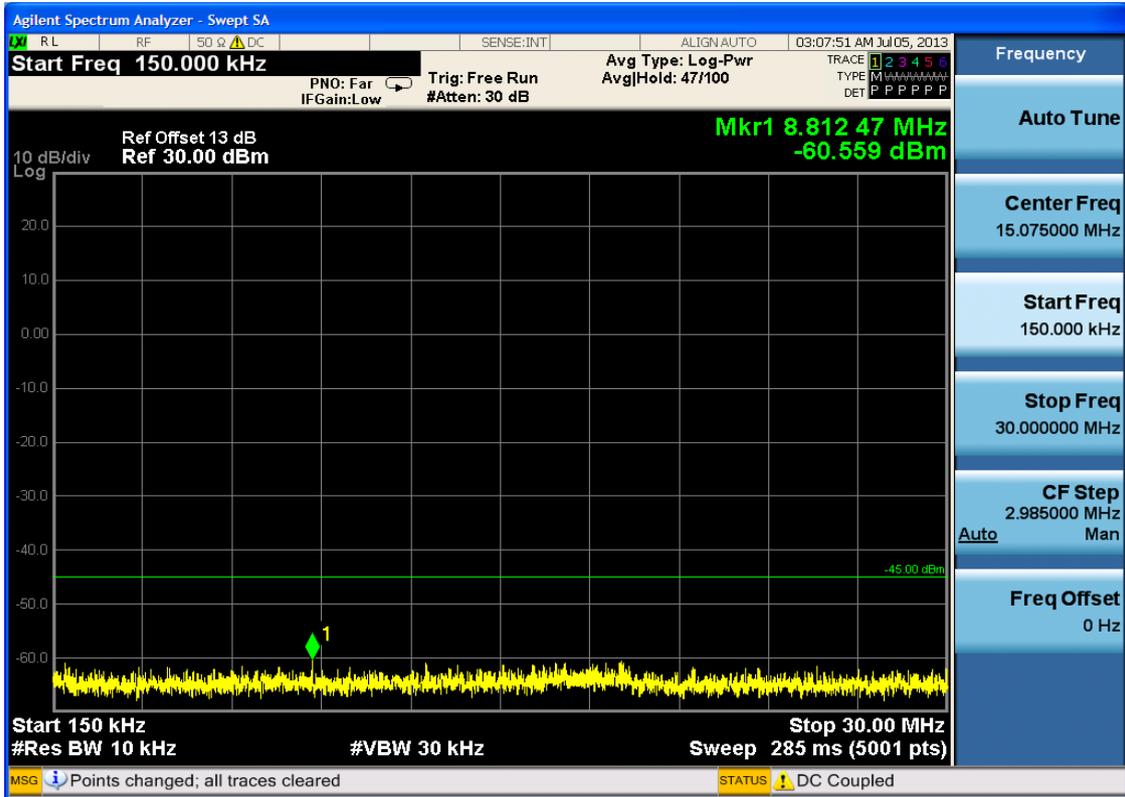


### 6.3.1.1.4 Test Bandwidth = 20

#### 6.3.1.1.4.1 Test Channel = LCH

##### 6.3.1.1.4.1.1 Test RB = RB1#0



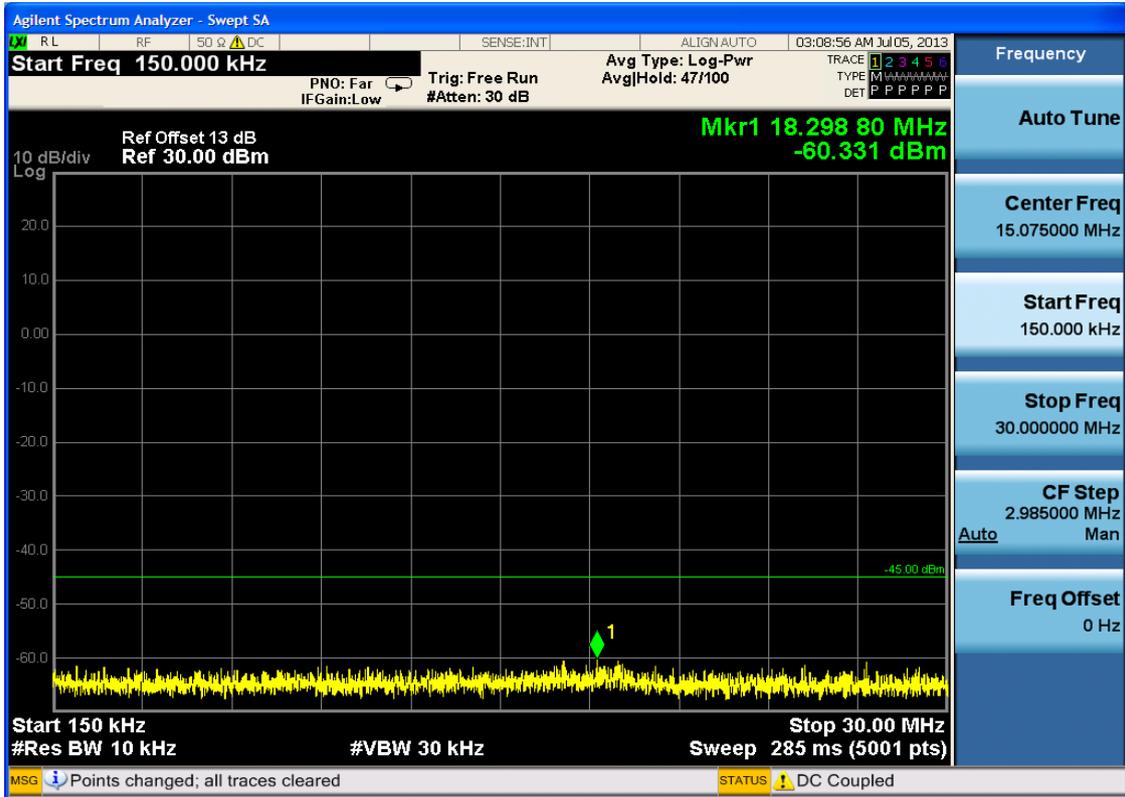


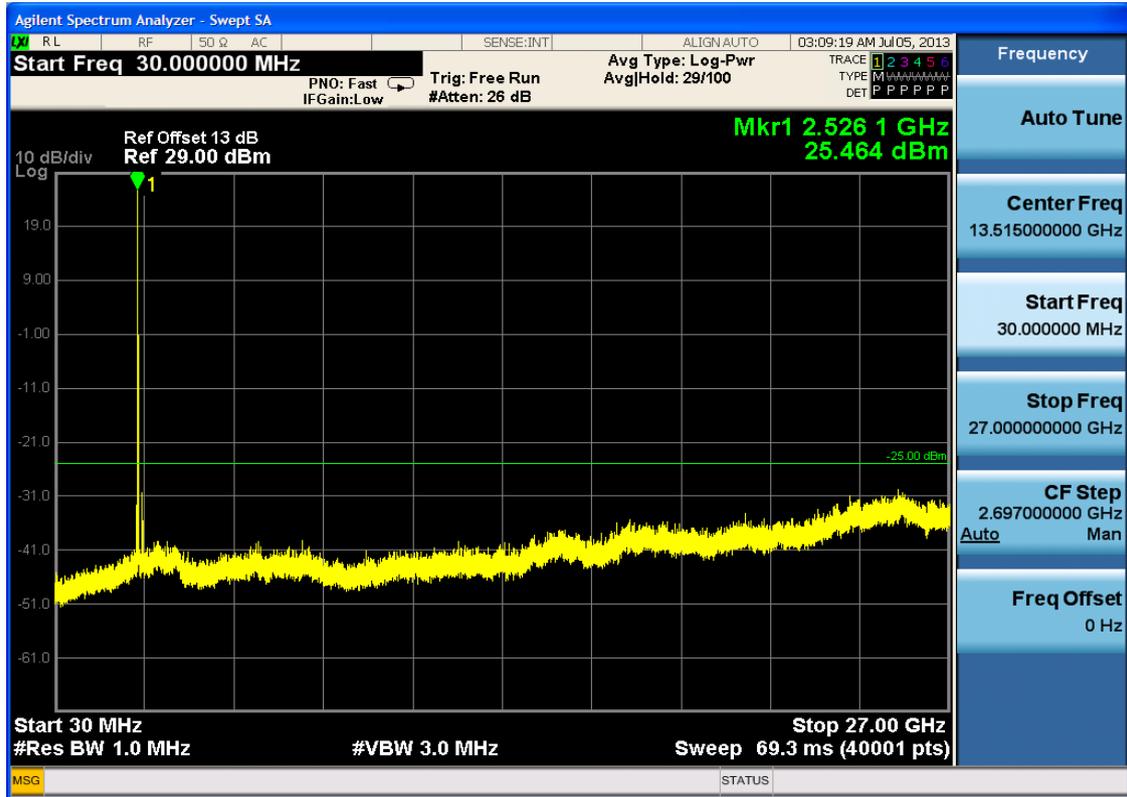


## 6.3.1.1.4.2 Test Channel = MCH

## 6.3.1.1.4.2.1 Test RB = RB1#0

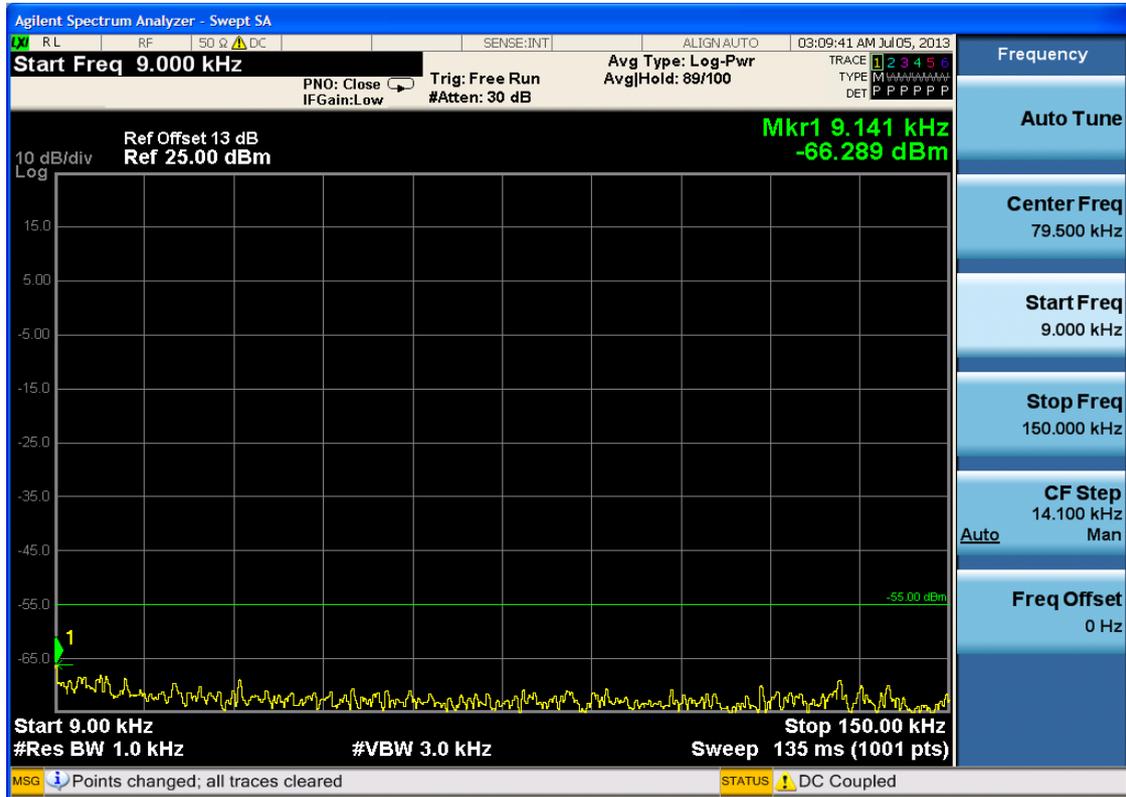


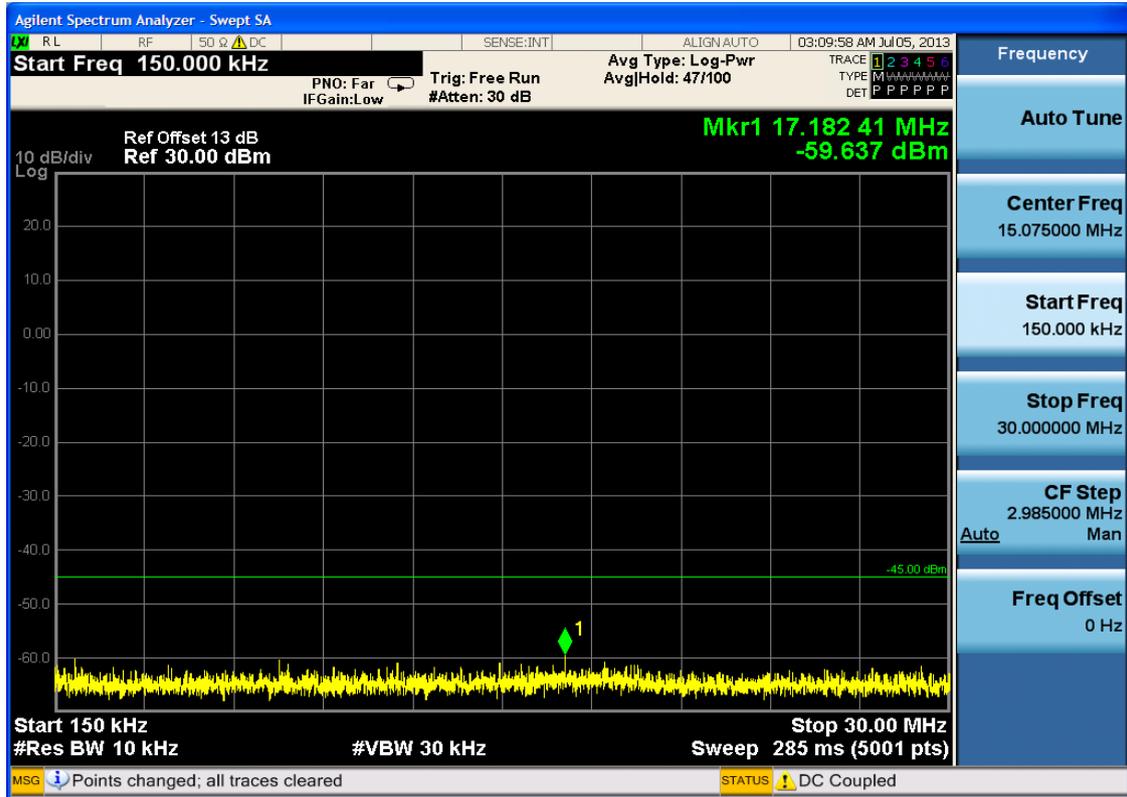




## 6.3.1.1.4.3 Test Channel = HCH

## 6.3.1.1.4.3.1 Test RB = RB1#0





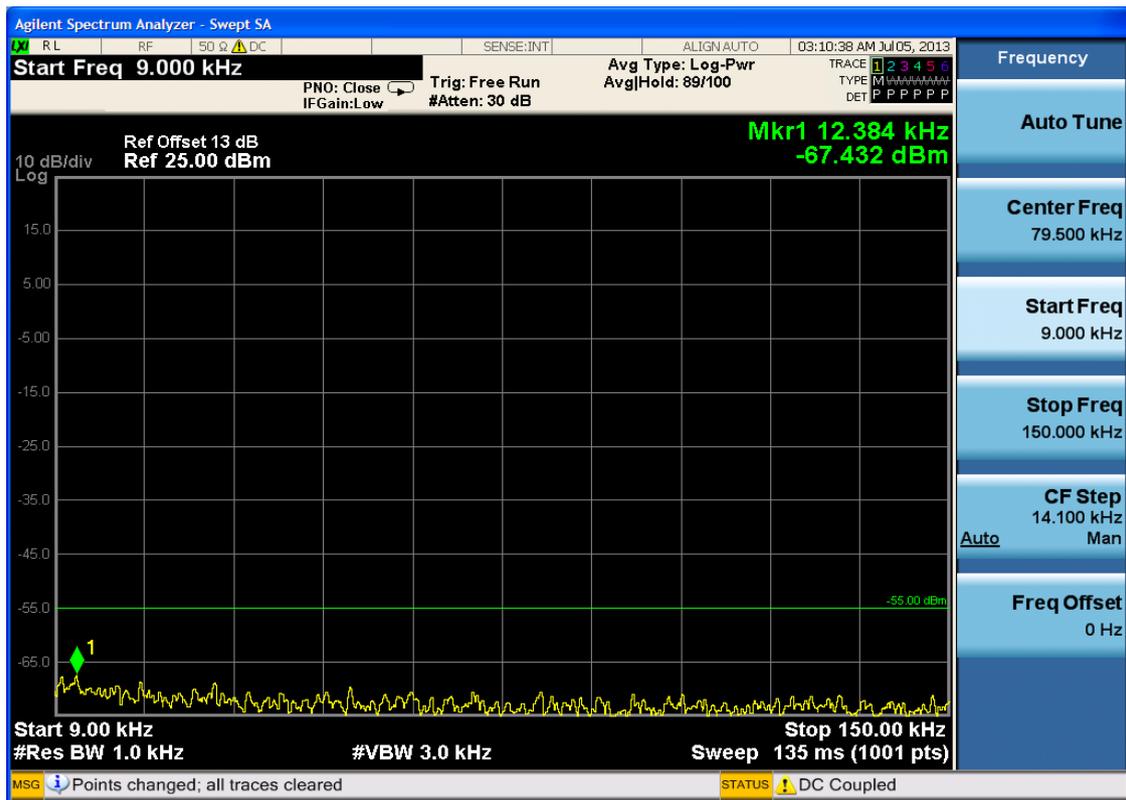


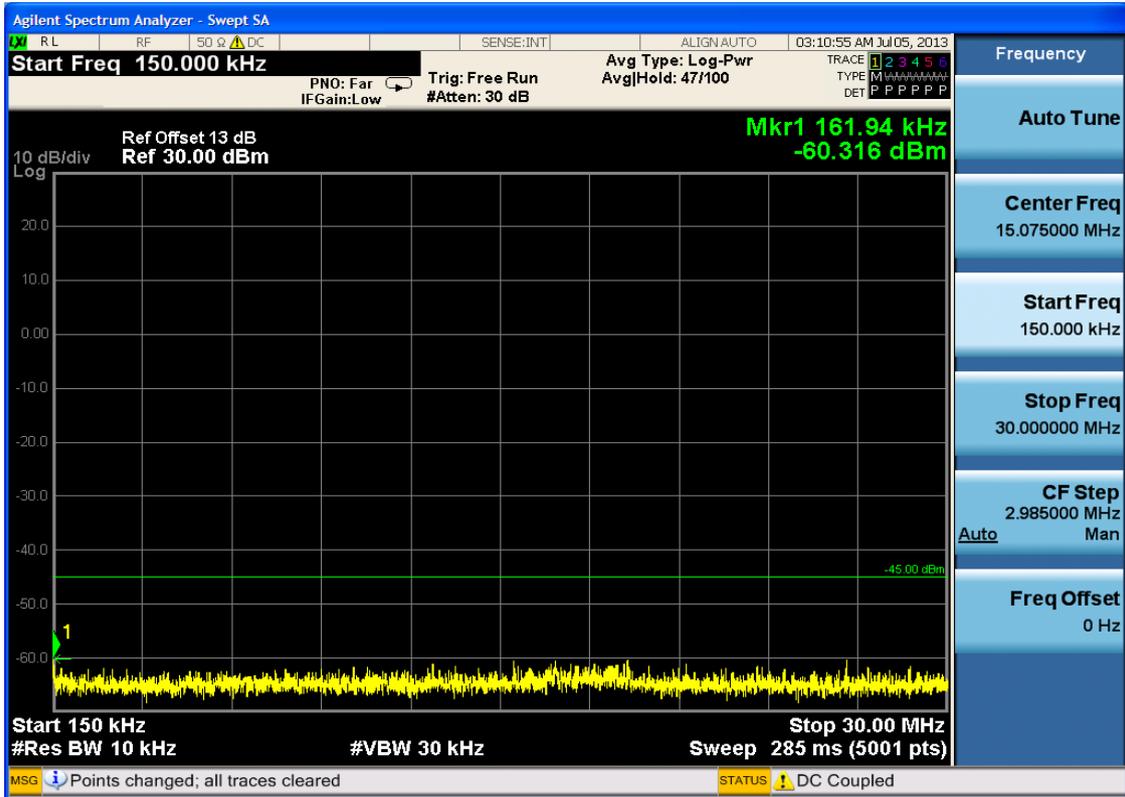
### 6.3.1.2 Test Mode = LTE/TM2

#### 6.3.1.2.1 Test Bandwidth = 5

##### 6.3.1.2.1.1 Test Channel = LCH

###### 6.3.1.2.1.1.1 Test RB = RB1#0





### 6.3.3 Test Band = BAND7

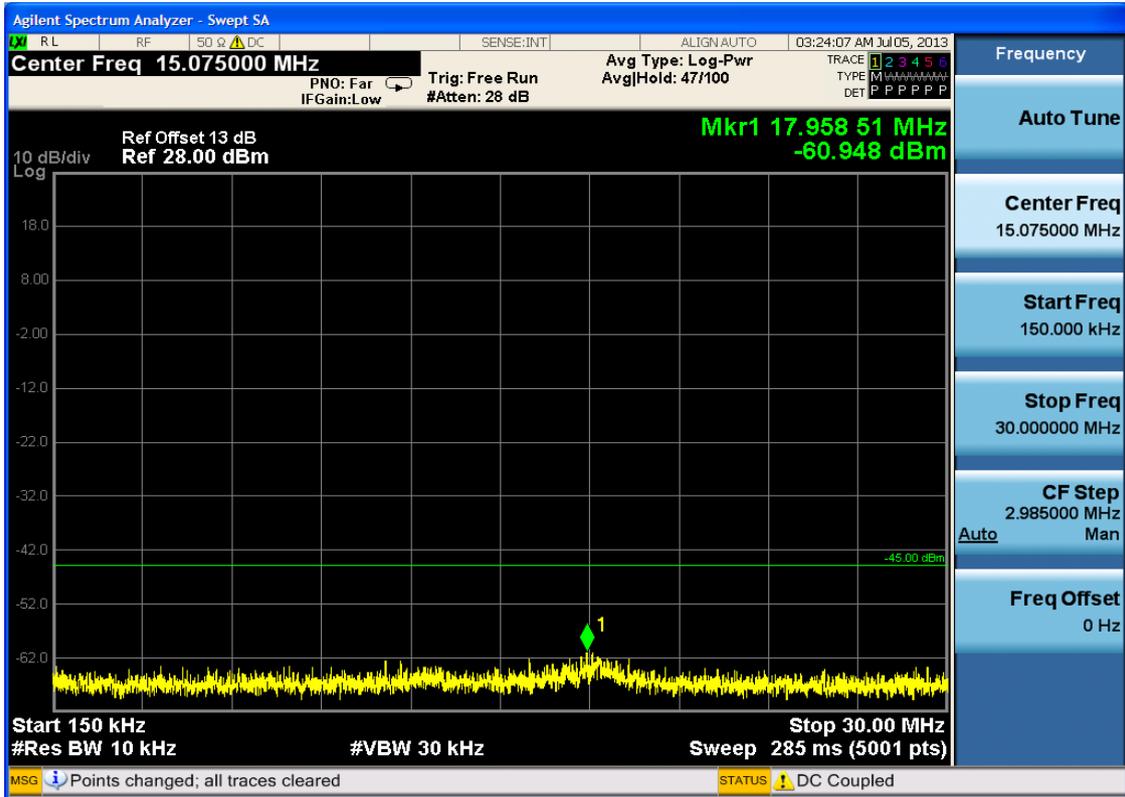
#### 6.3.3.1 Test Mode = LTE/TM2

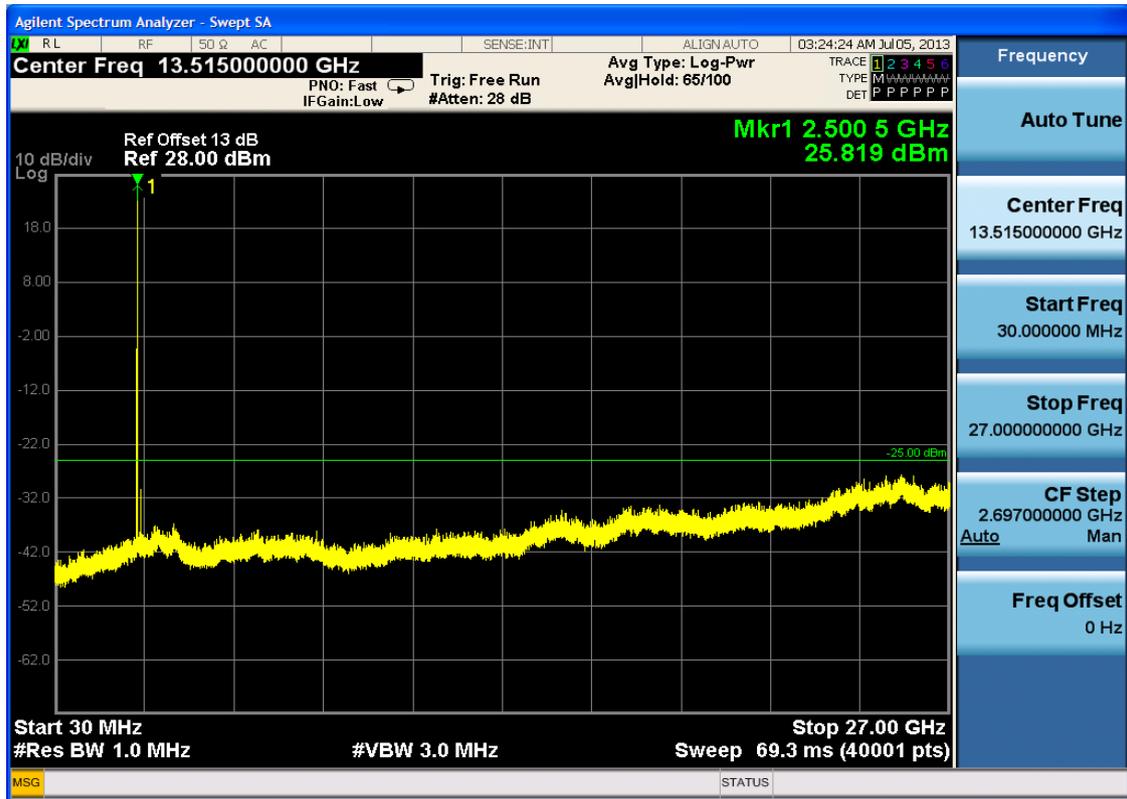
##### 6.3.3.1.1 Test Bandwidth = 5

##### 6.3.3.1.1.1 Test Channel = LCH

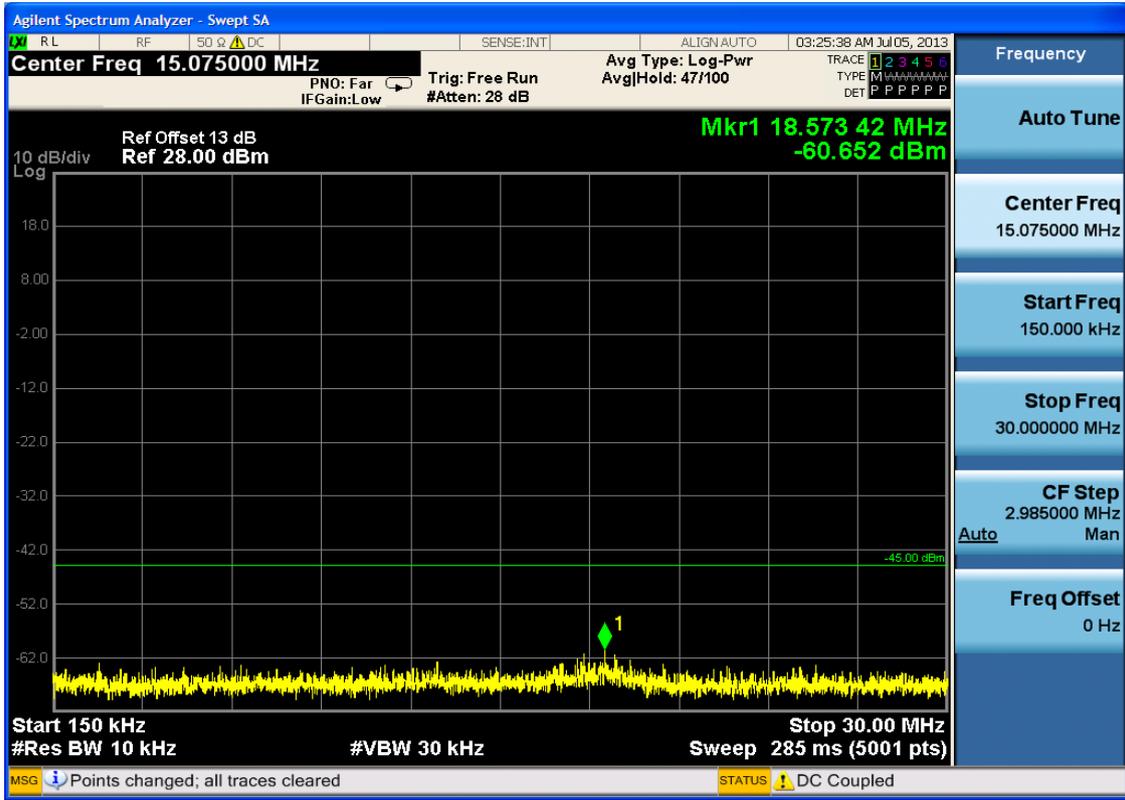
##### 6.3.3.1.1.1.1 Test RB = RB1#0









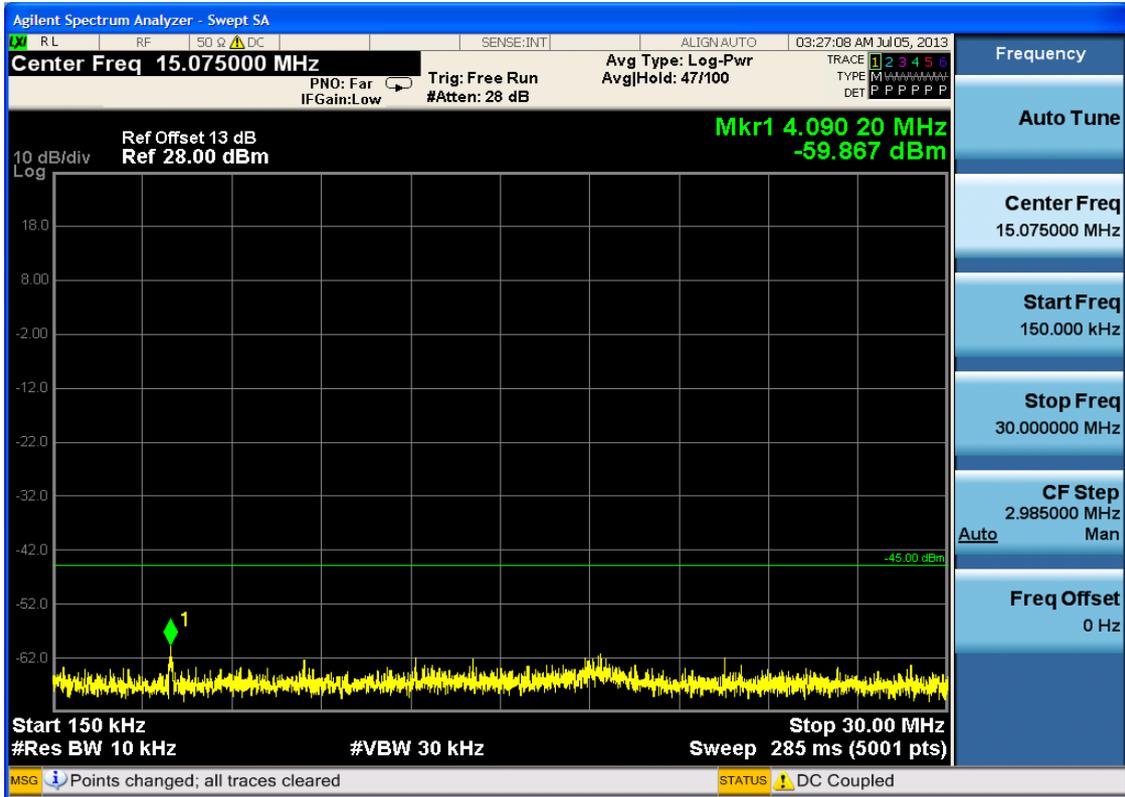


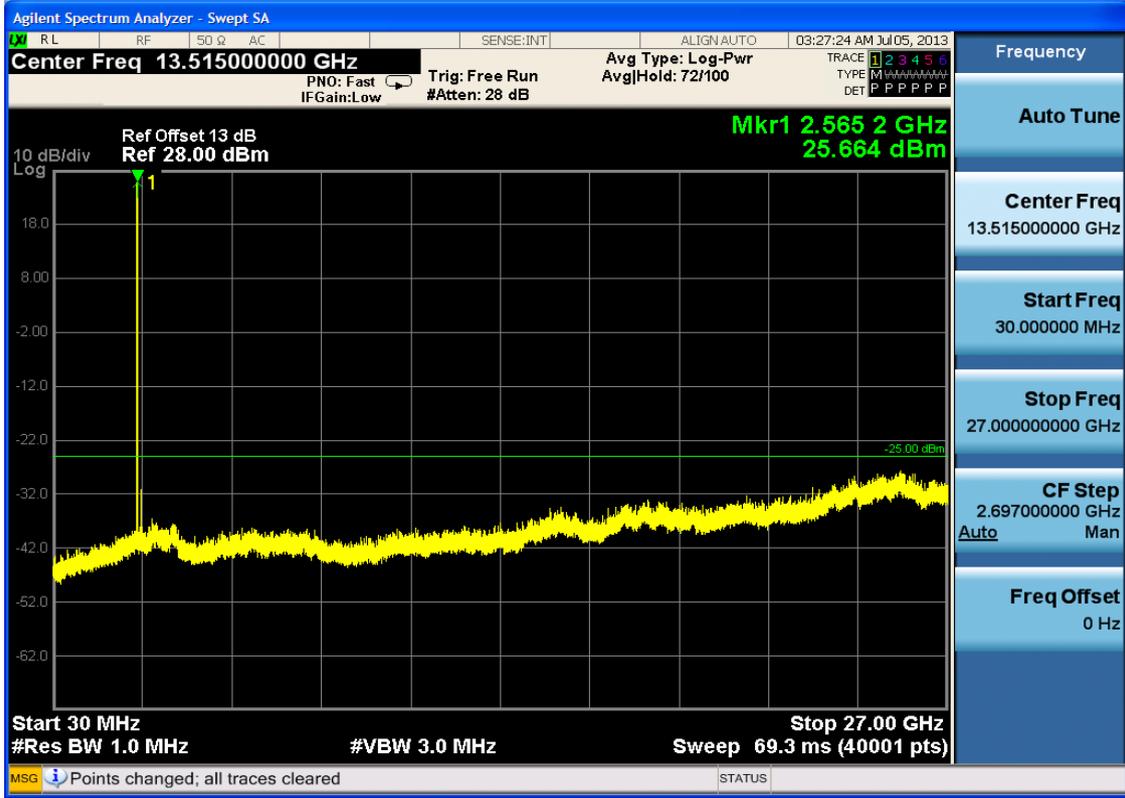


## 6.3.3.1.1.3 Test Channel = HCH

## 6.3.3.1.1.3.1 Test RB = RB1#0





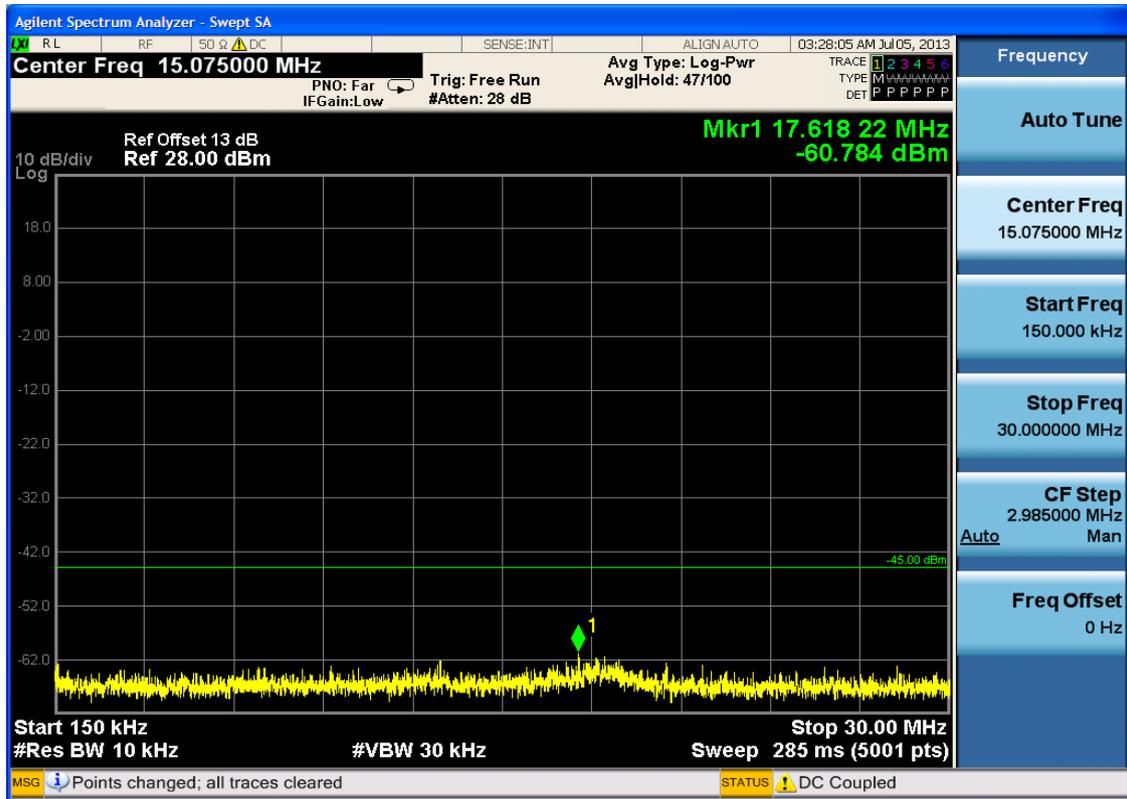


### 6.3.3.1.2 Test Bandwidth = 10

#### 6.3.3.1.2.1 Test Channel = LCH

##### 6.3.3.1.2.1.1 Test RB = RB1#0



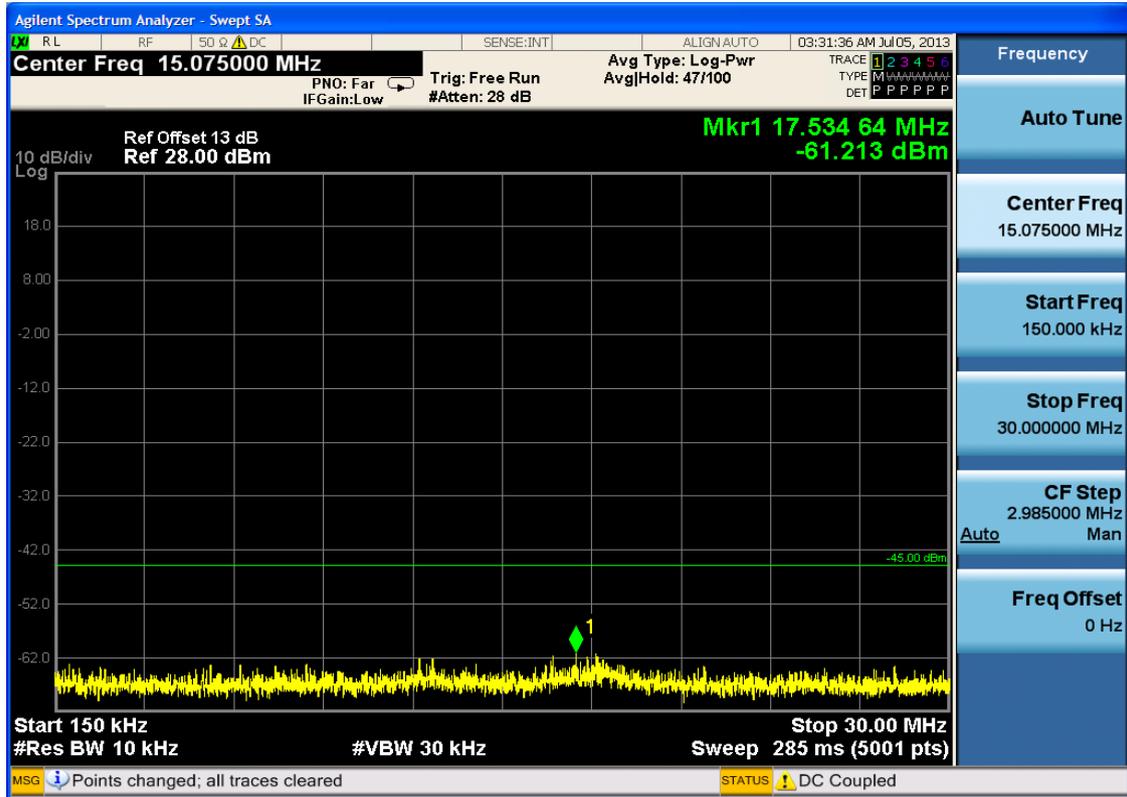


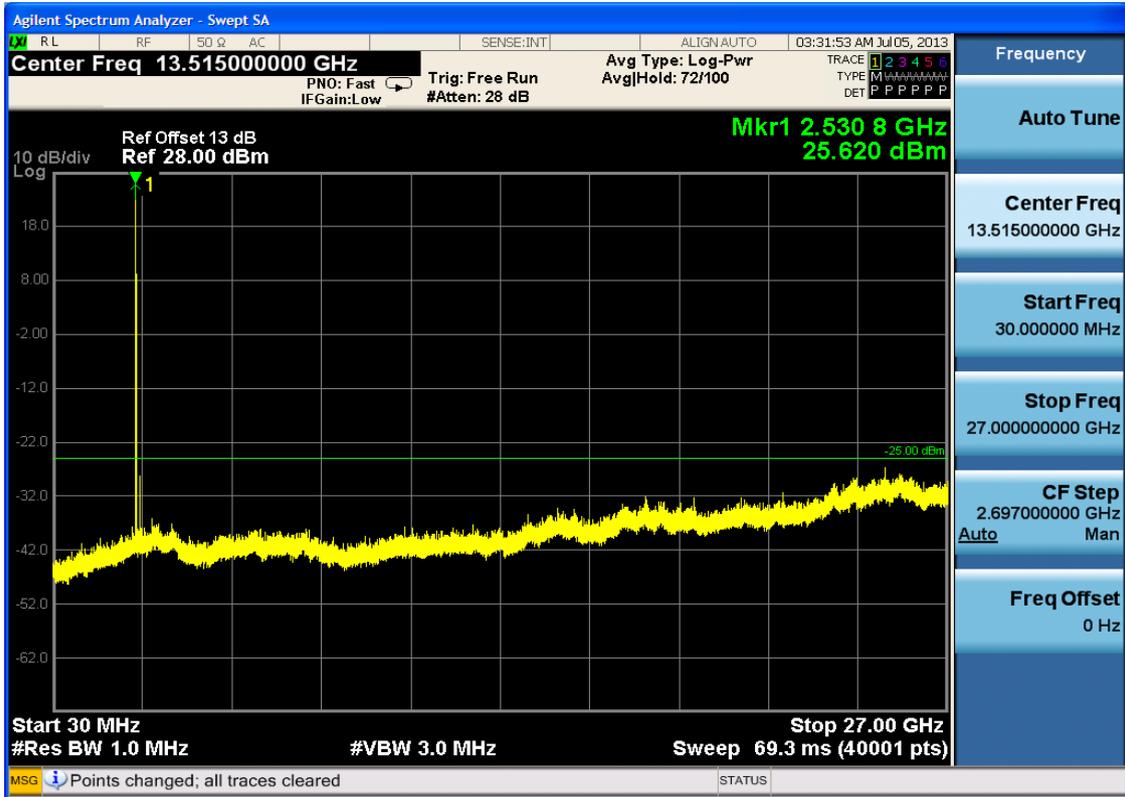


## 6.3.3.1.2.2 Test Channel = MCH

## 6.3.3.1.2.2.1 Test RB = RB1#0



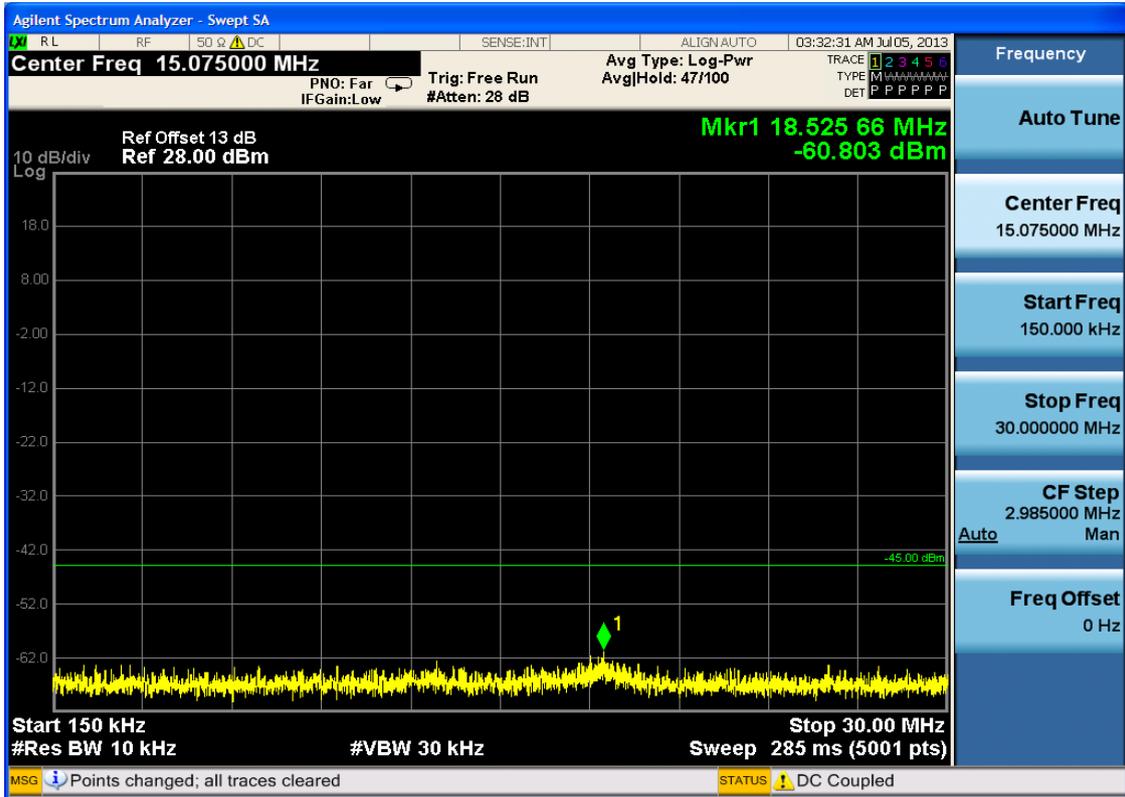




## 6.3.3.1.2.3 Test Channel = HCH

## 6.3.3.1.2.3.1 Test RB = RB1#0





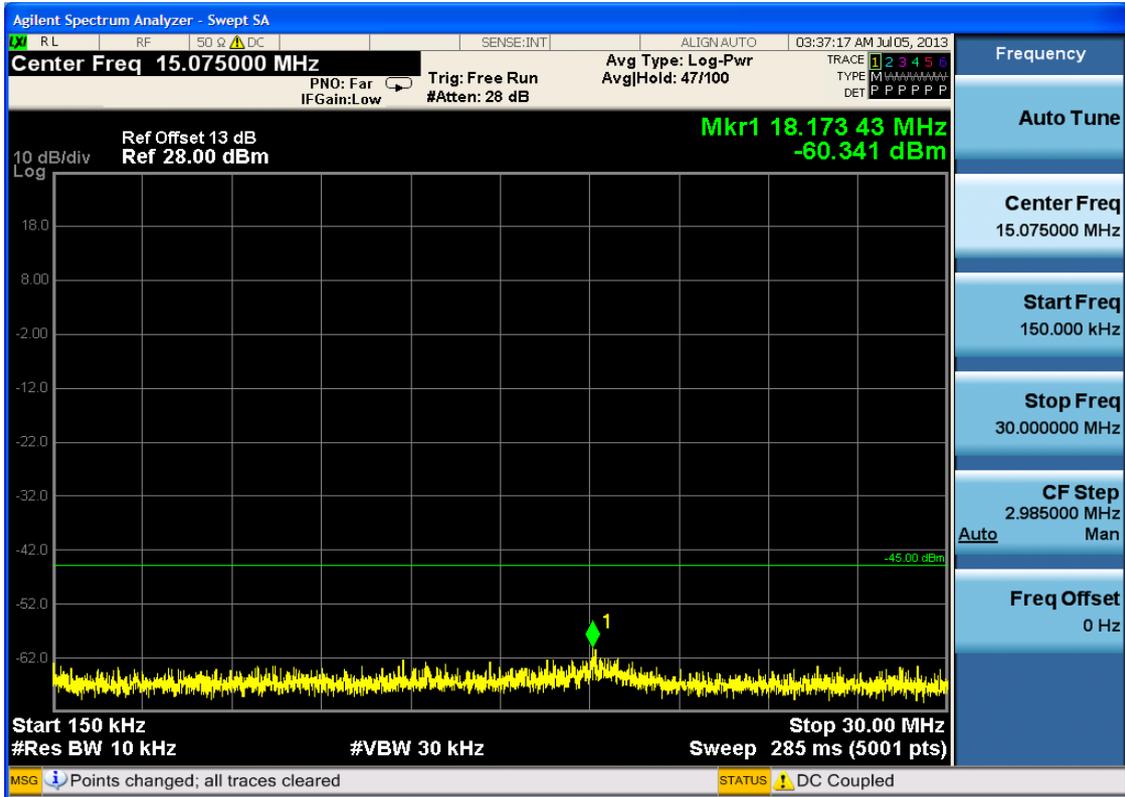


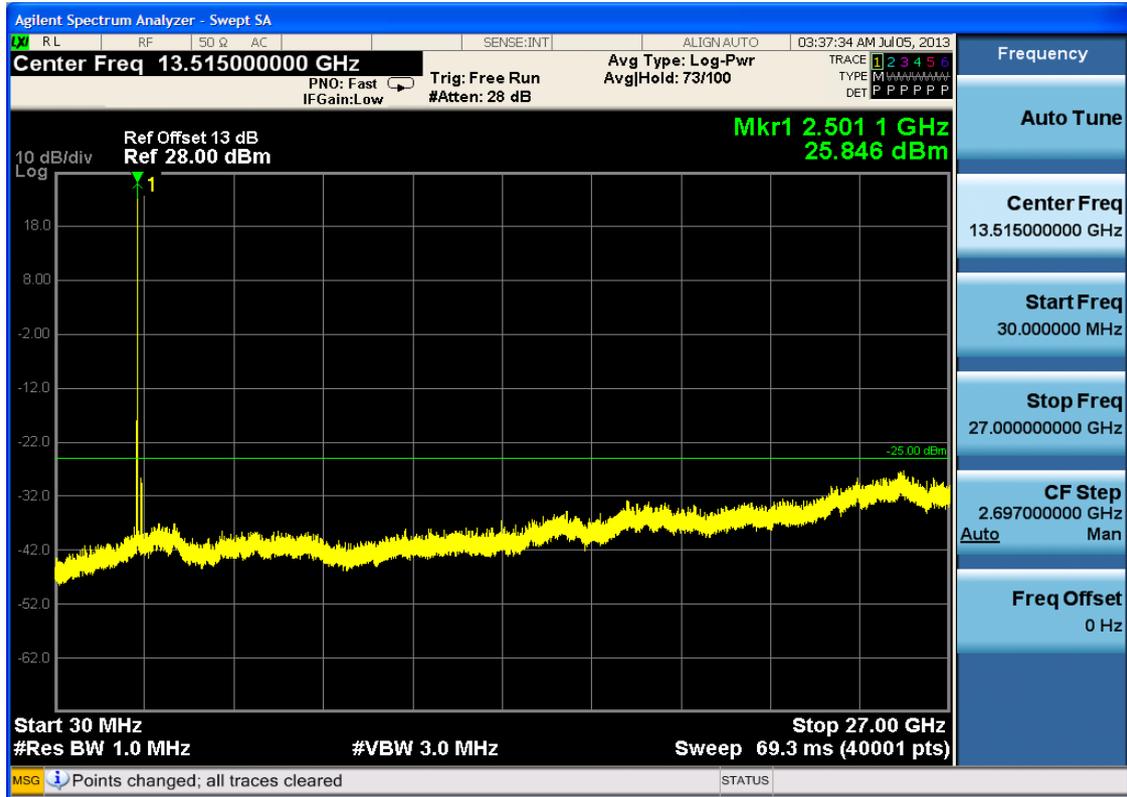
### 6.3.3.1.3 Test Bandwidth = 15

#### 6.3.3.1.3.1 Test Channel = LCH

##### 6.3.3.1.3.1.1 Test RB = RB1#0



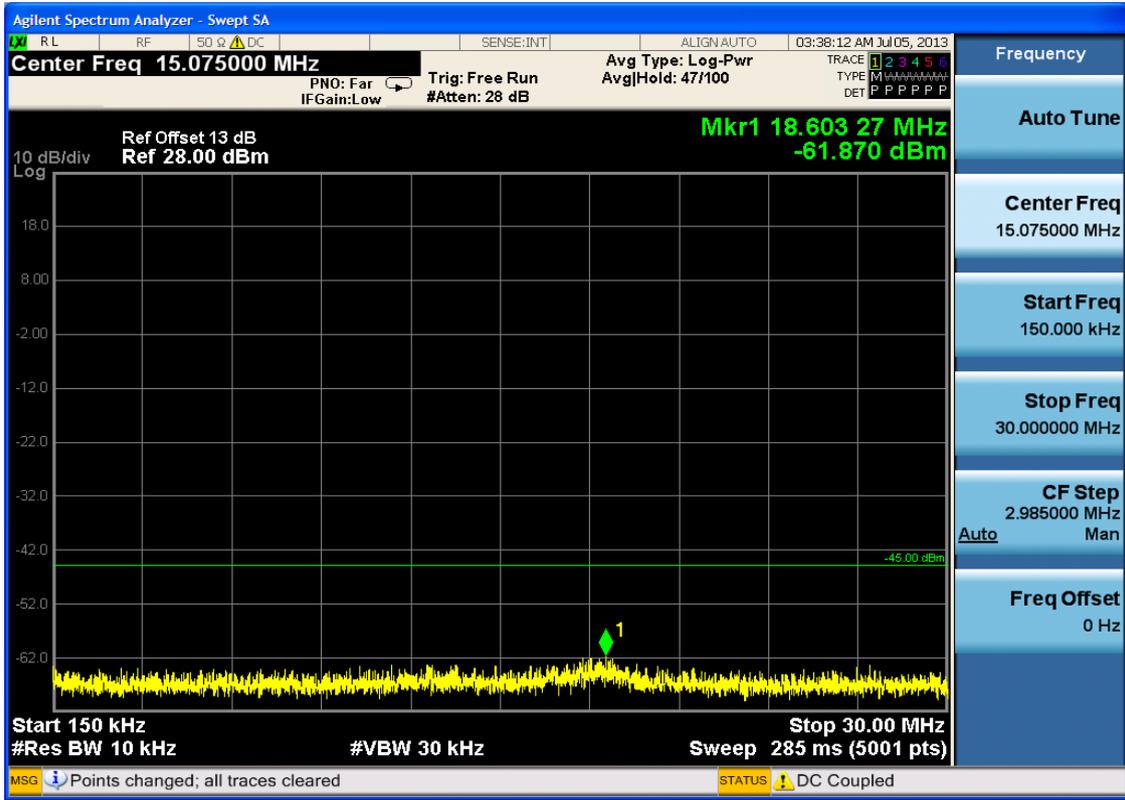




## 6.3.3.1.3.2 Test Channel = MCH

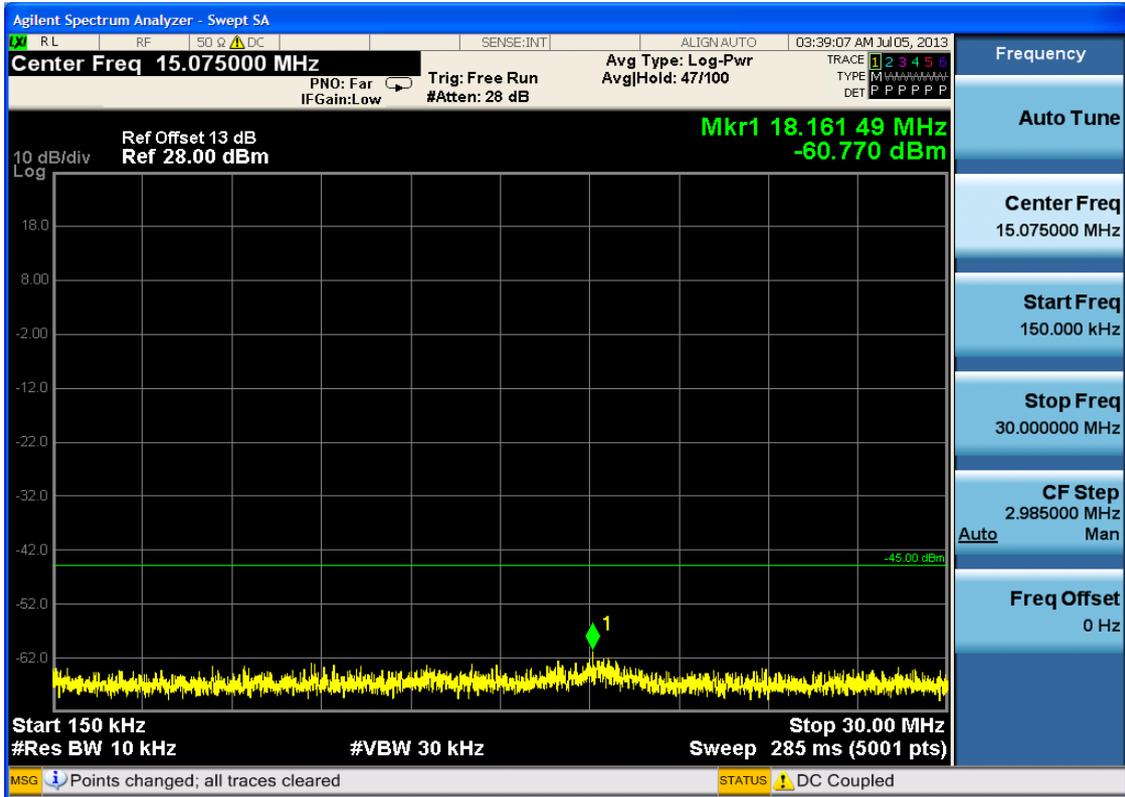
## 6.3.3.1.3.2.1 Test RB = RB1#0











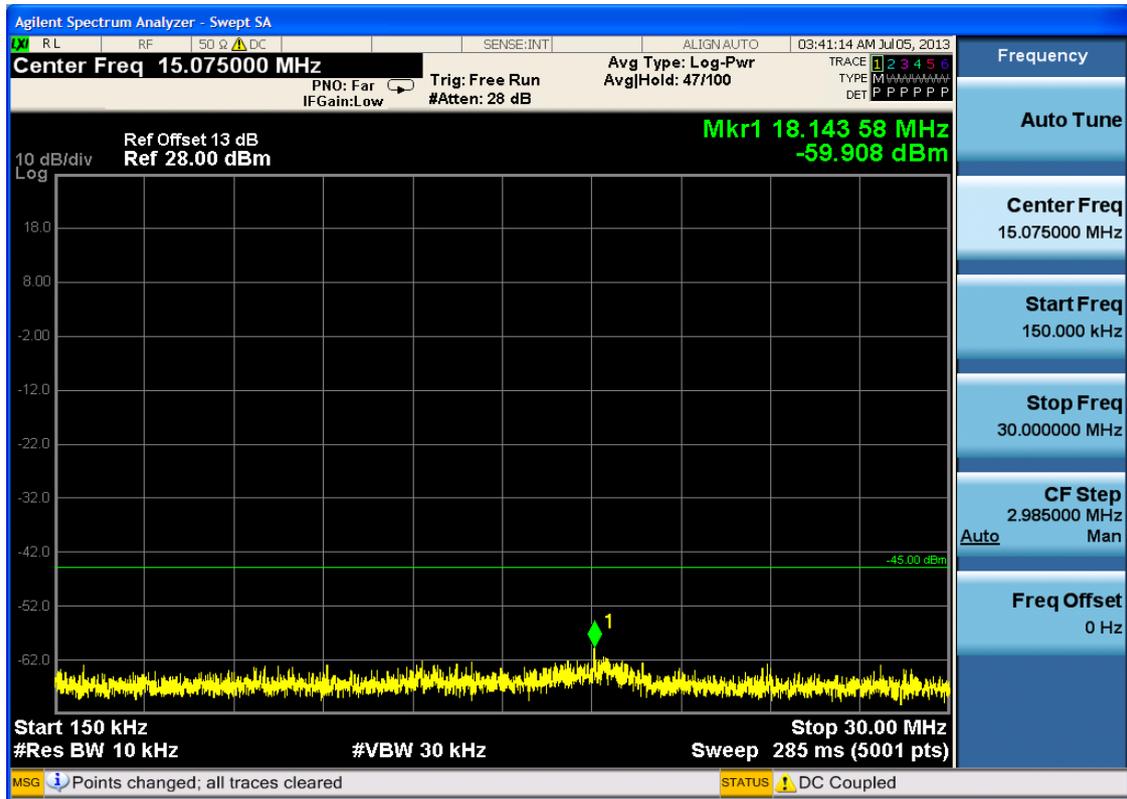


### 6.3.3.1.4 Test Bandwidth = 20

#### 6.3.3.1.4.1 Test Channel = LCH

##### 6.3.3.1.4.1.1 Test RB = RB1#0



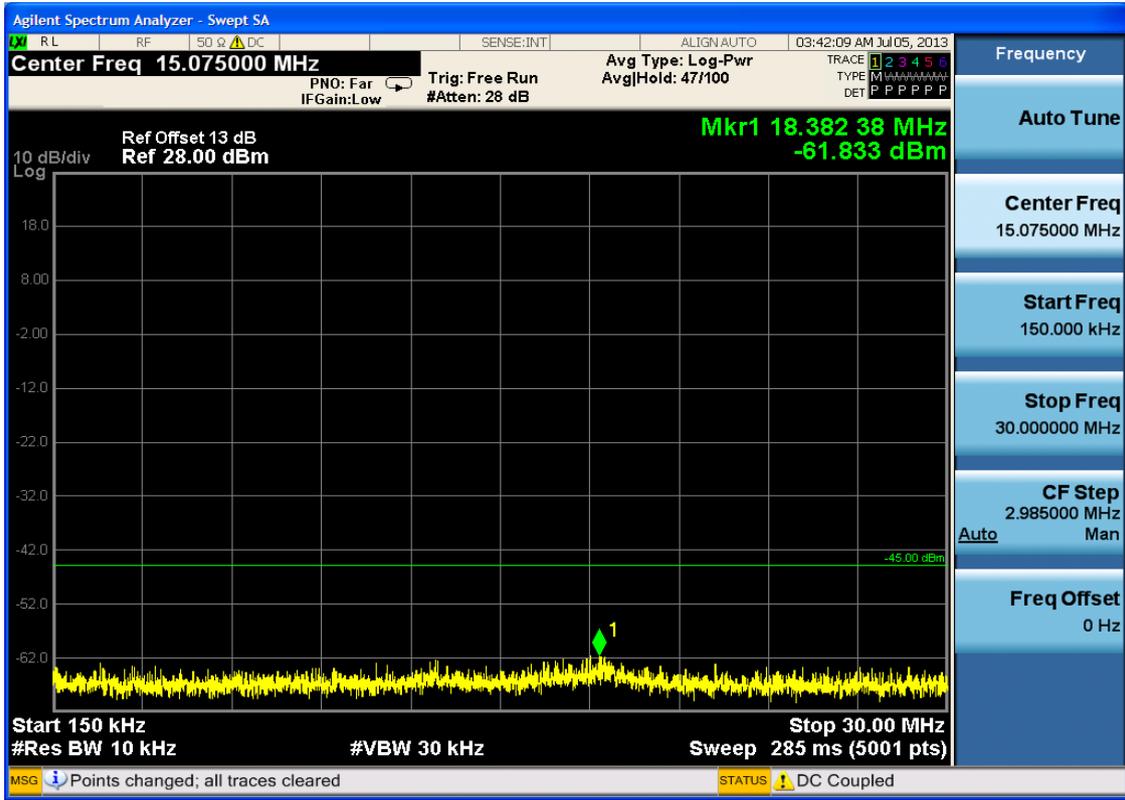




## 6.3.3.1.4.2 Test Channel = MCH

## 6.3.3.1.4.2.1 Test RB = RB1#0



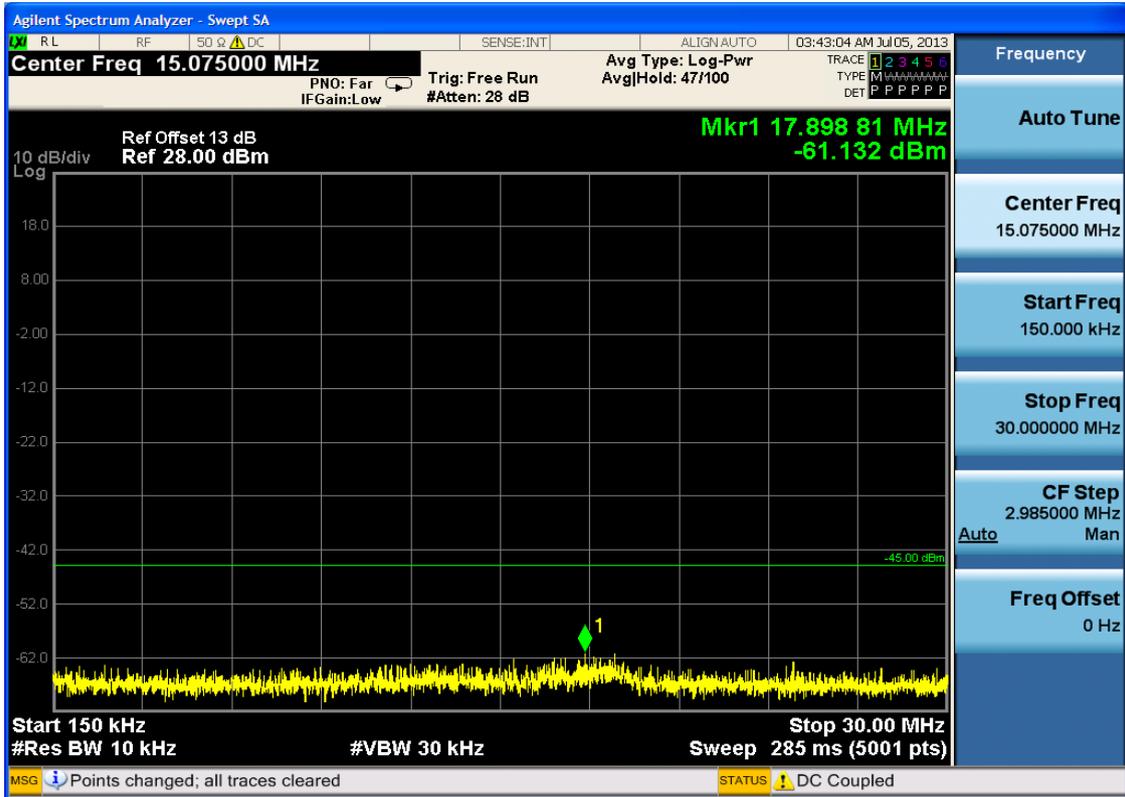




## 6.3.3.1.4.3 Test Channel = HCH

## 6.3.3.1.4.3.1 Test RB = RB1#0







## 7Appendix\_G: Field Strength of Spurious Radiation

Note: Below 1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

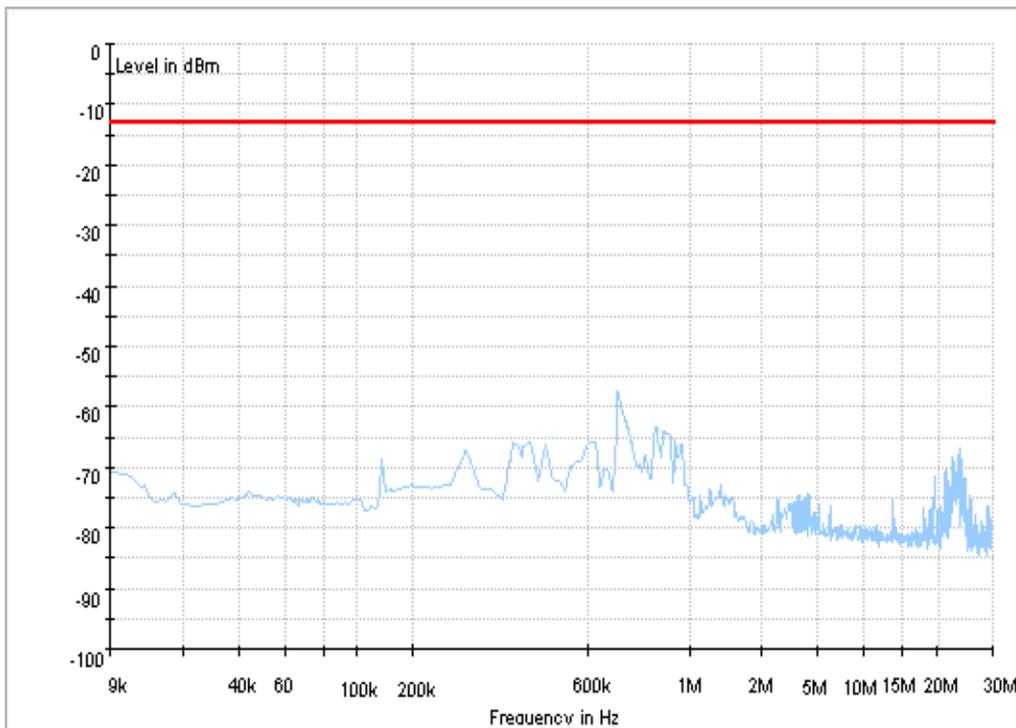
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

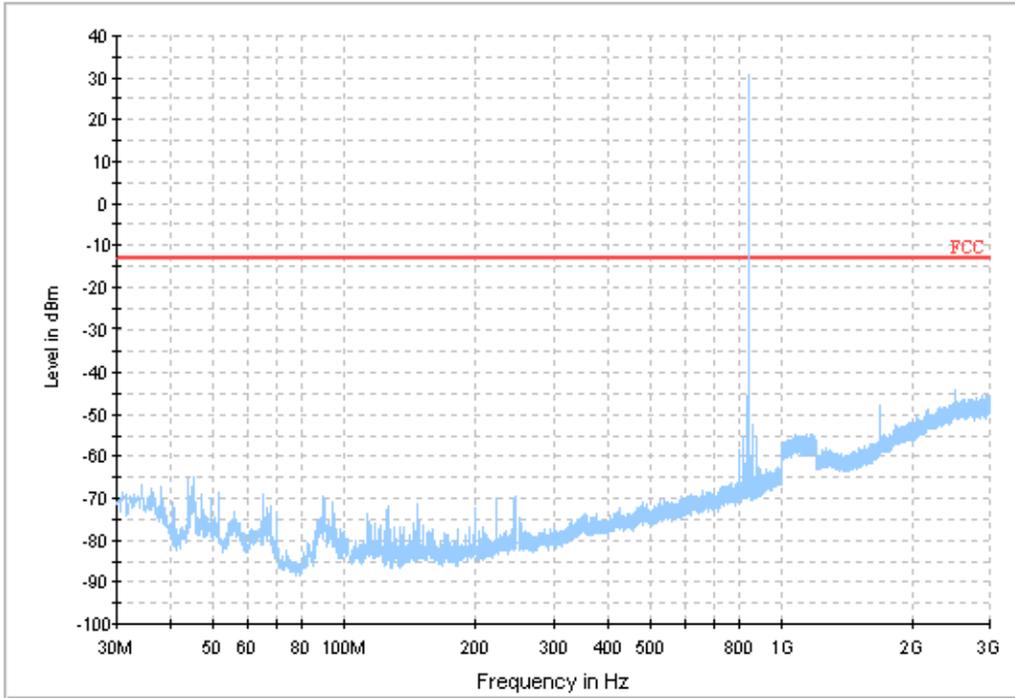
#### 7.1 For GSM

##### 7.1.1 Test Band = GSM850

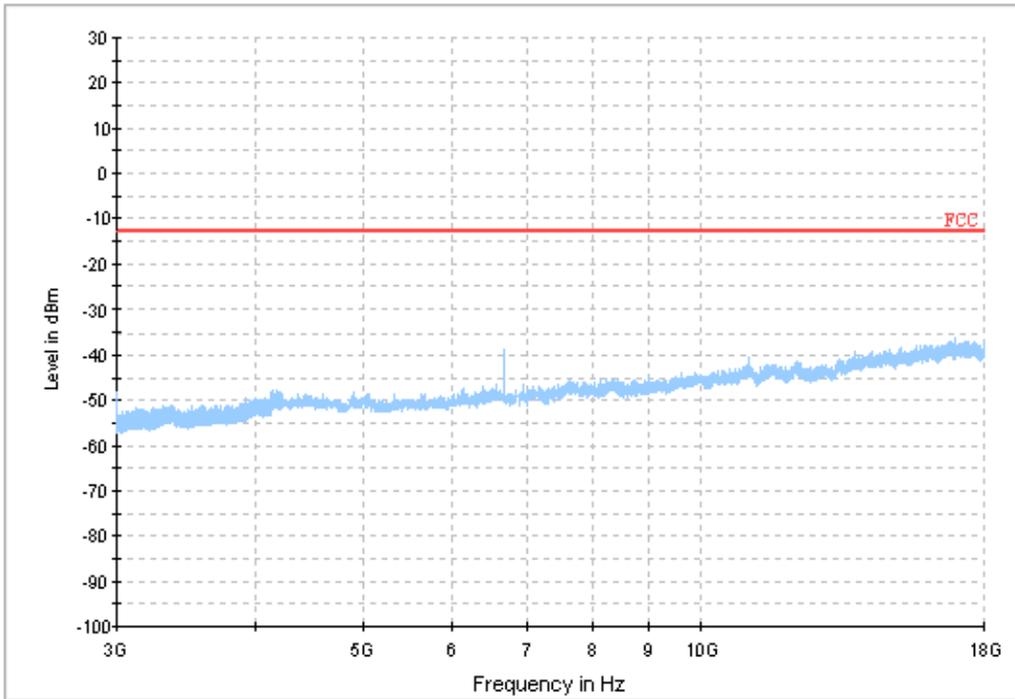
##### 7.1.1.1 Test Mode = GSM/TM1



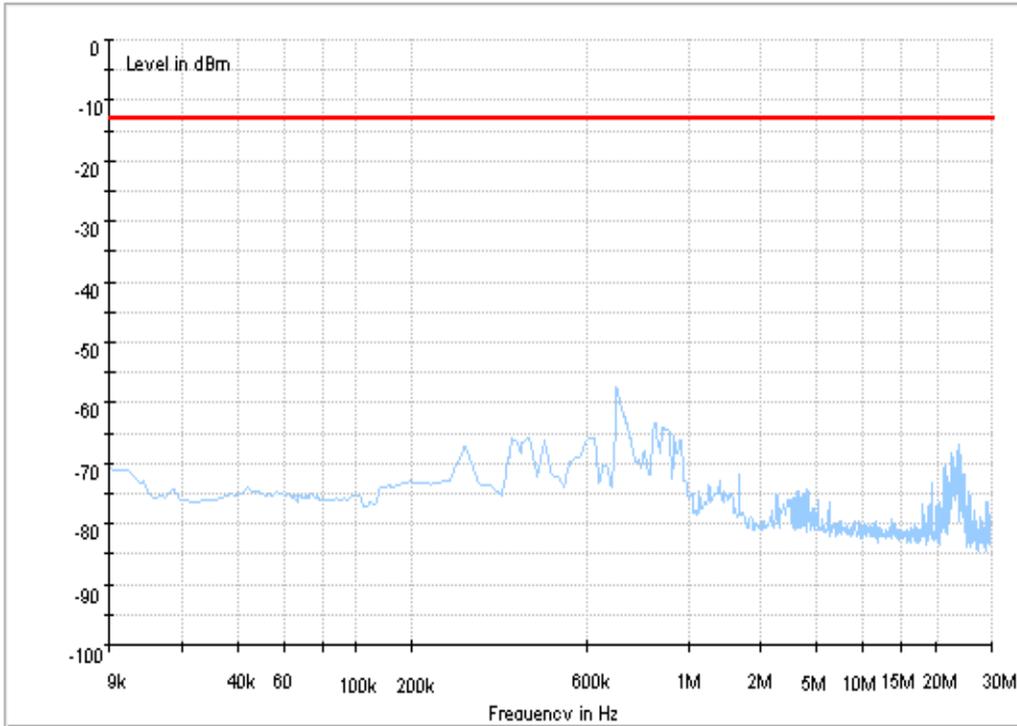
Copy of FCC PART22 GSM850\_L



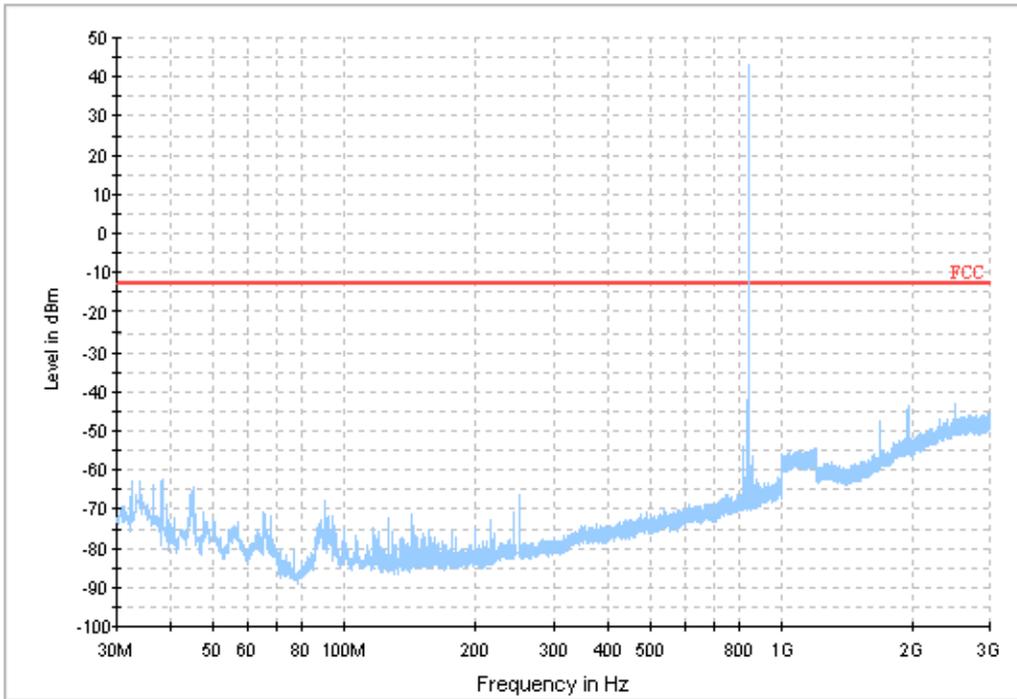
Copy of FCC PART22 GSM850\_H



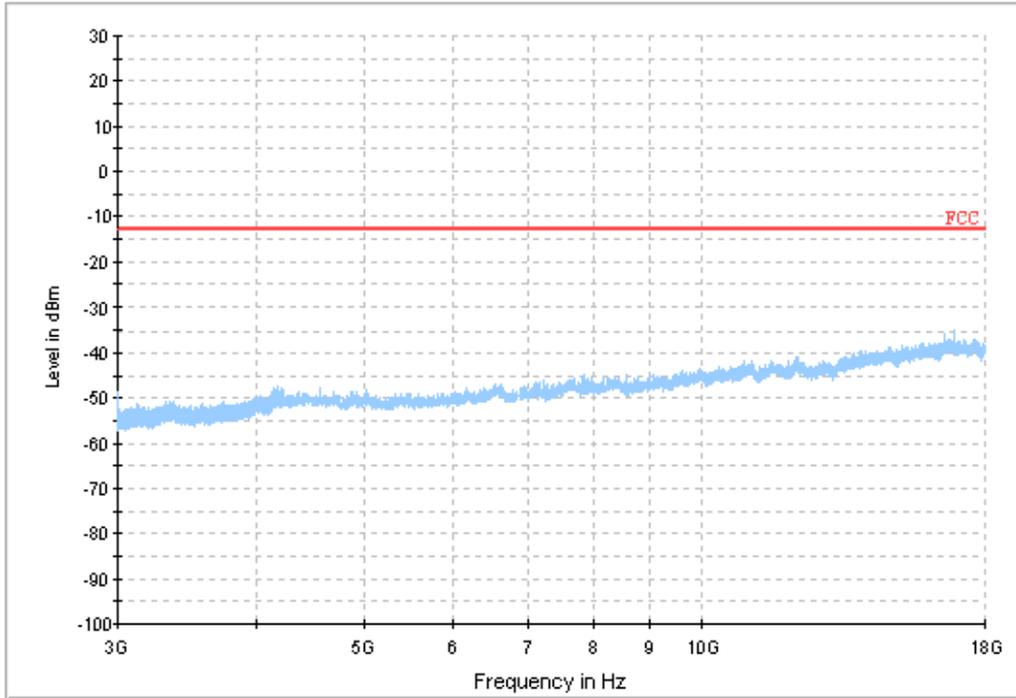
**7.1.1.2 Test Mode = GSM/TM2**



Copy of FCC PART22 GSM850\_L

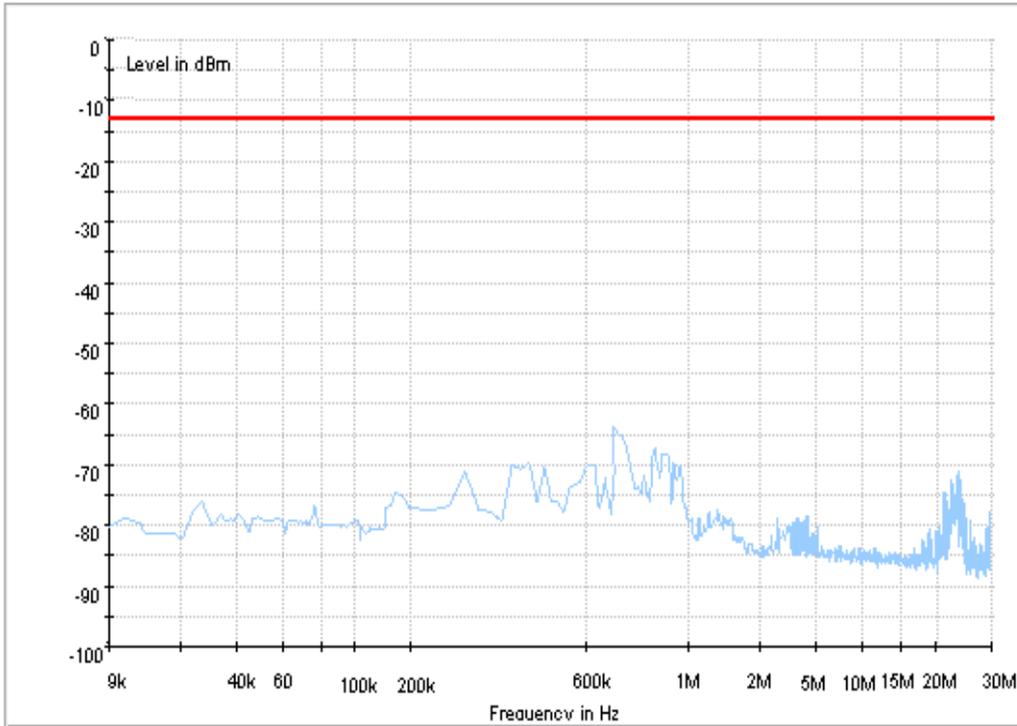


Copy of FCC PART22 GSM850\_H

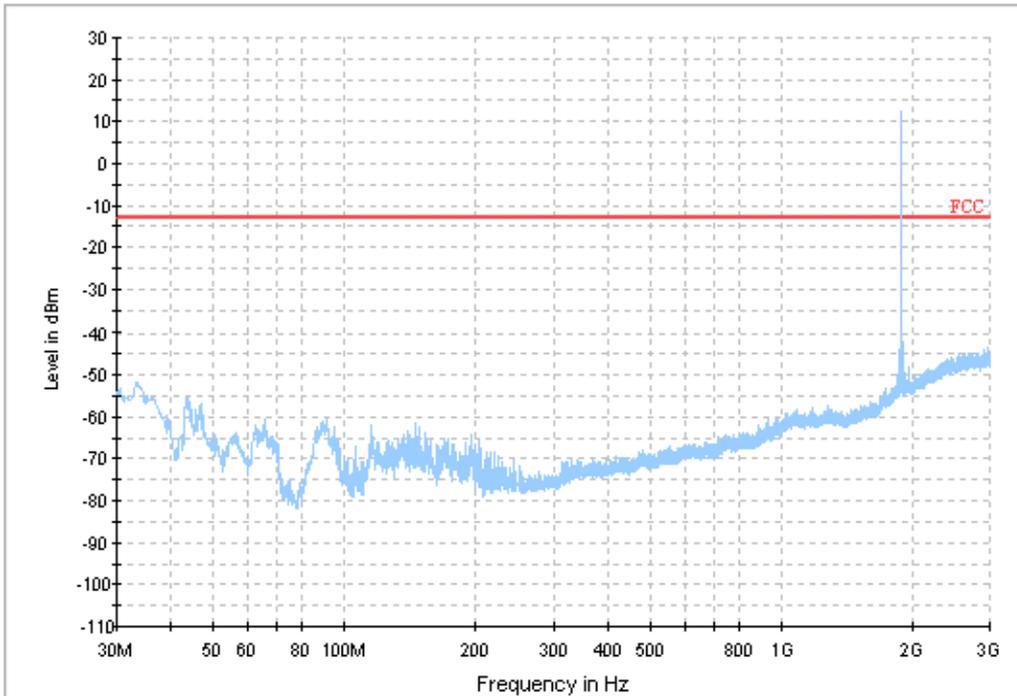


**7.1.2 Test Band = GSM1900**

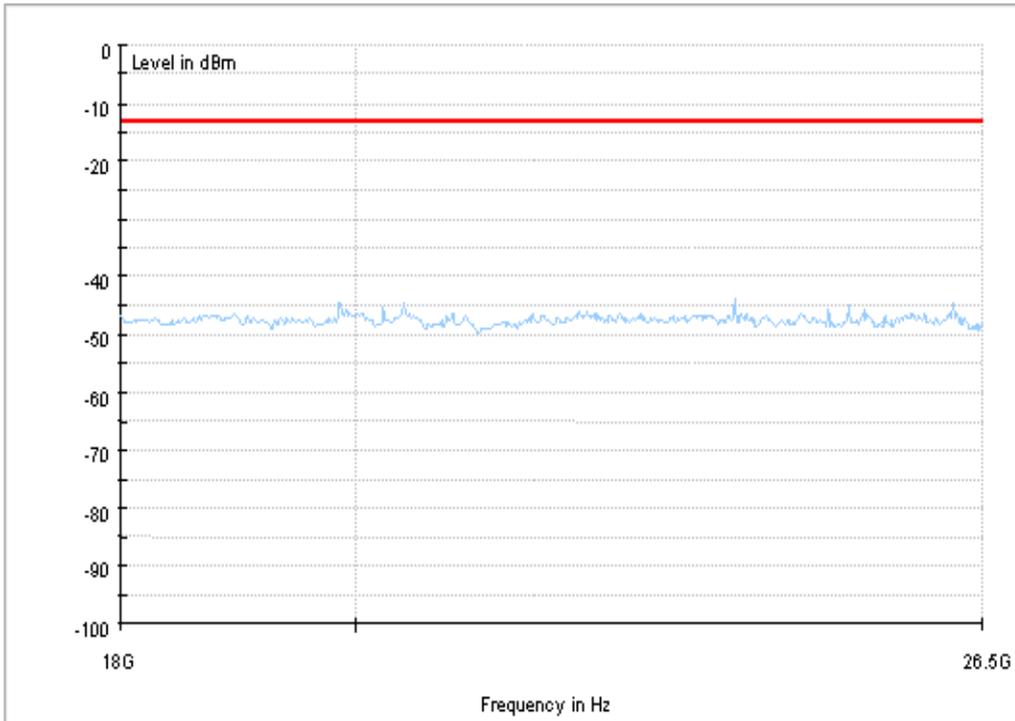
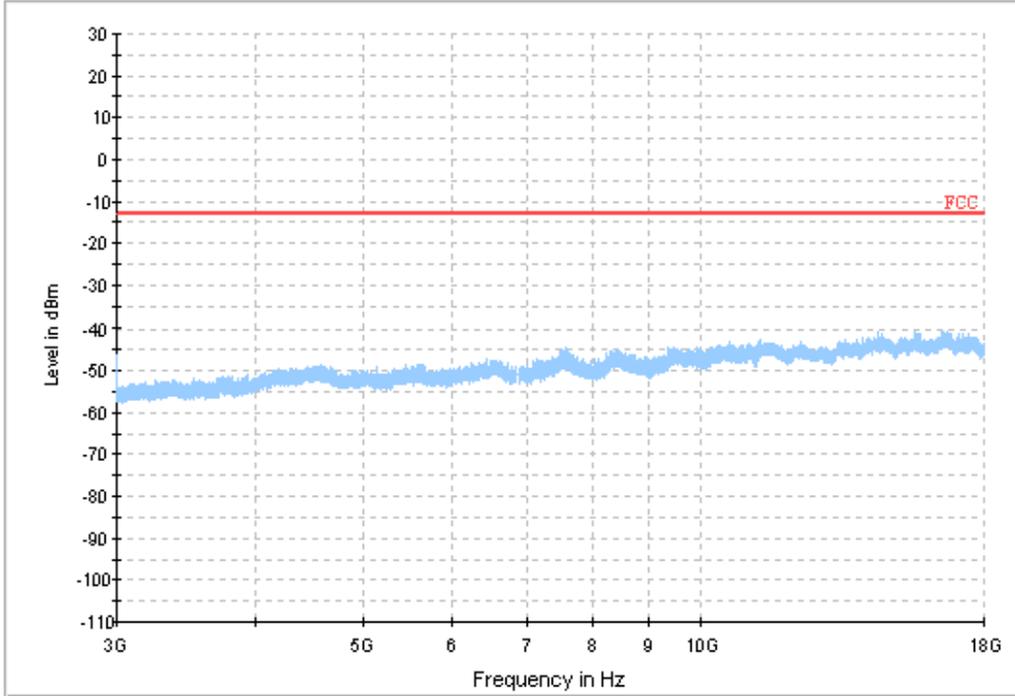
**7.1.2.1 Test Mode = GSM/TM1**



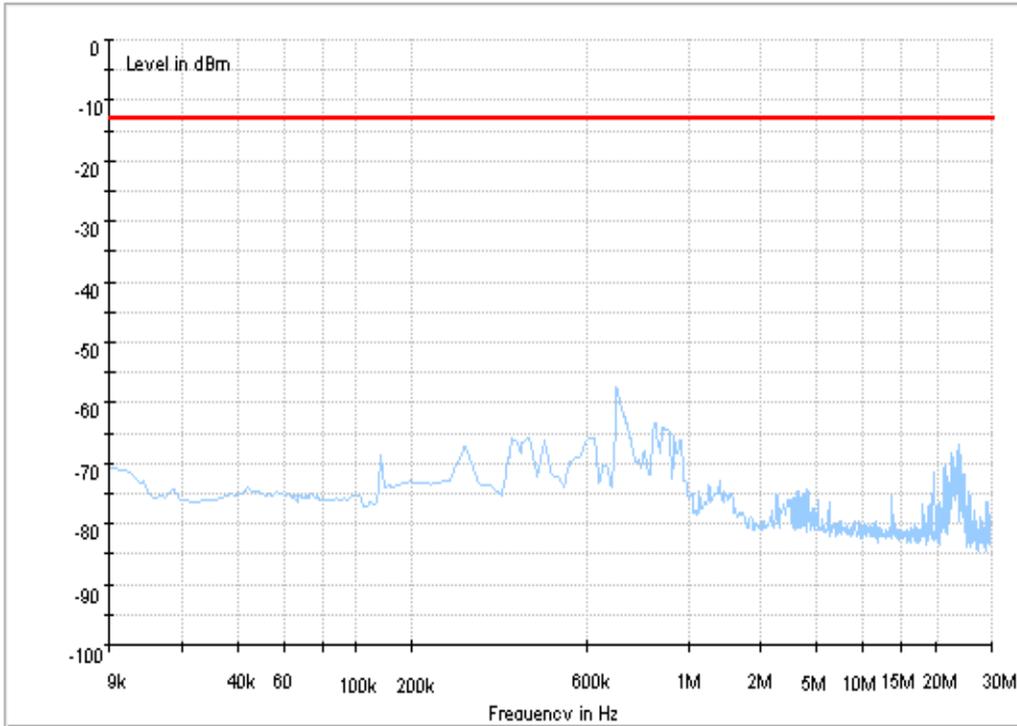
Copy of FCC PART24 GSM1900\_L



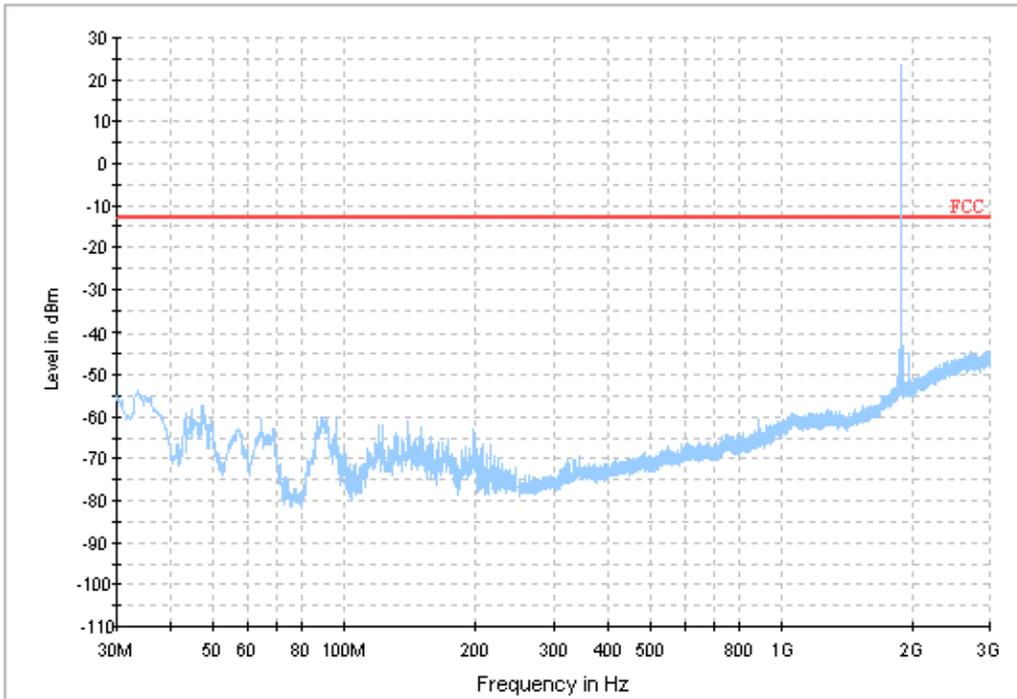
Copy of FCC PART24 GSM1900\_H



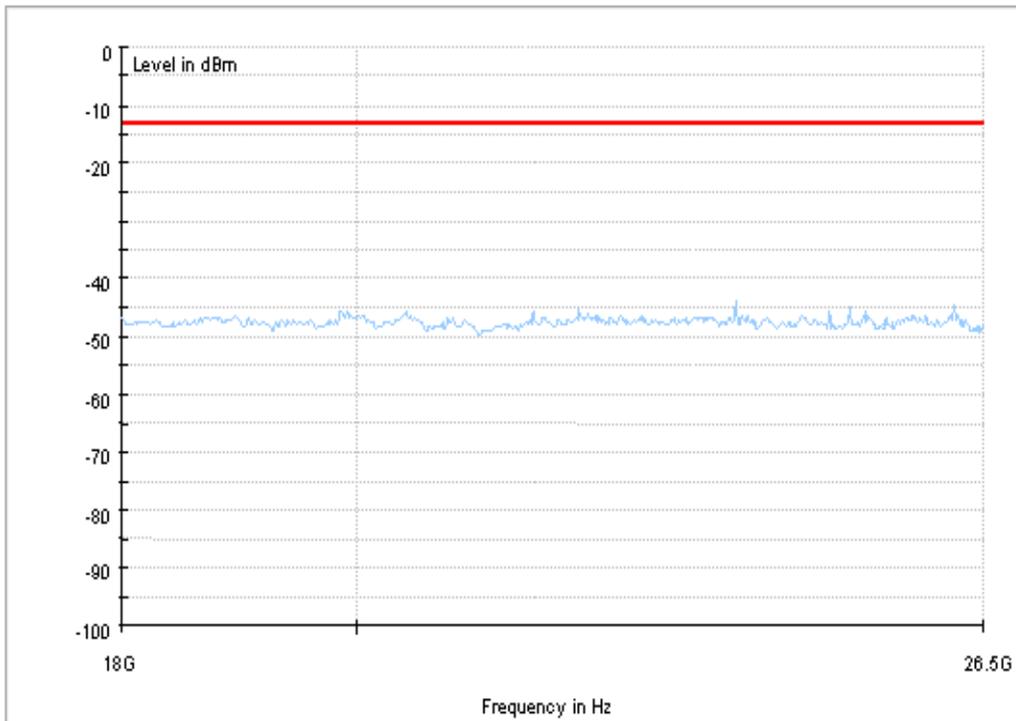
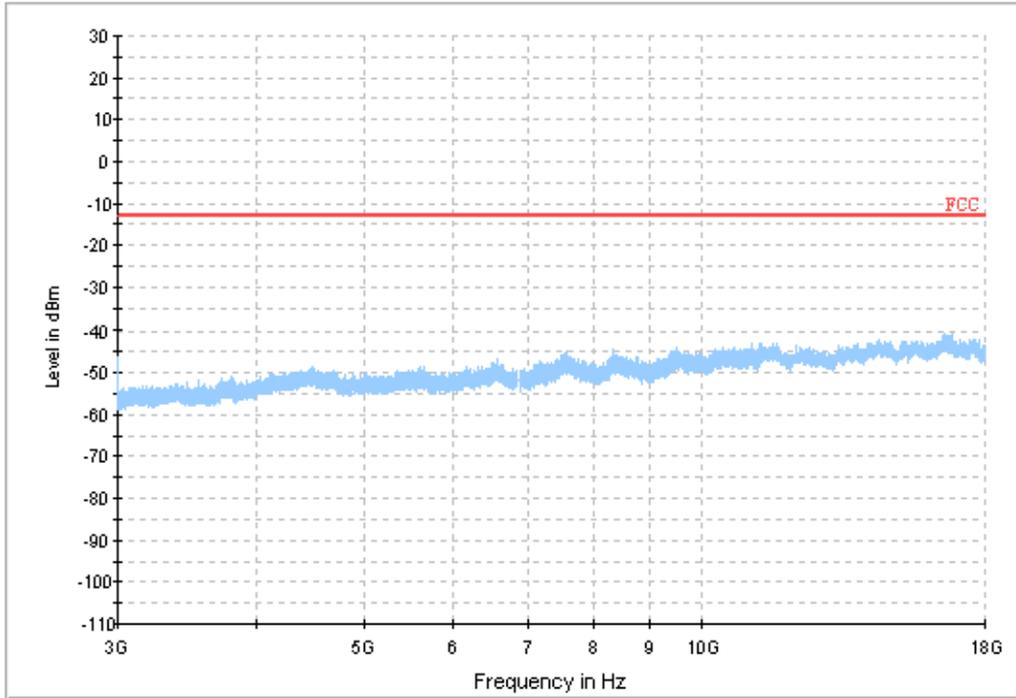
**7.1.2.2 Test Mode = GSM/TM2**



Copy of FCC PART24 GSM1900\_L



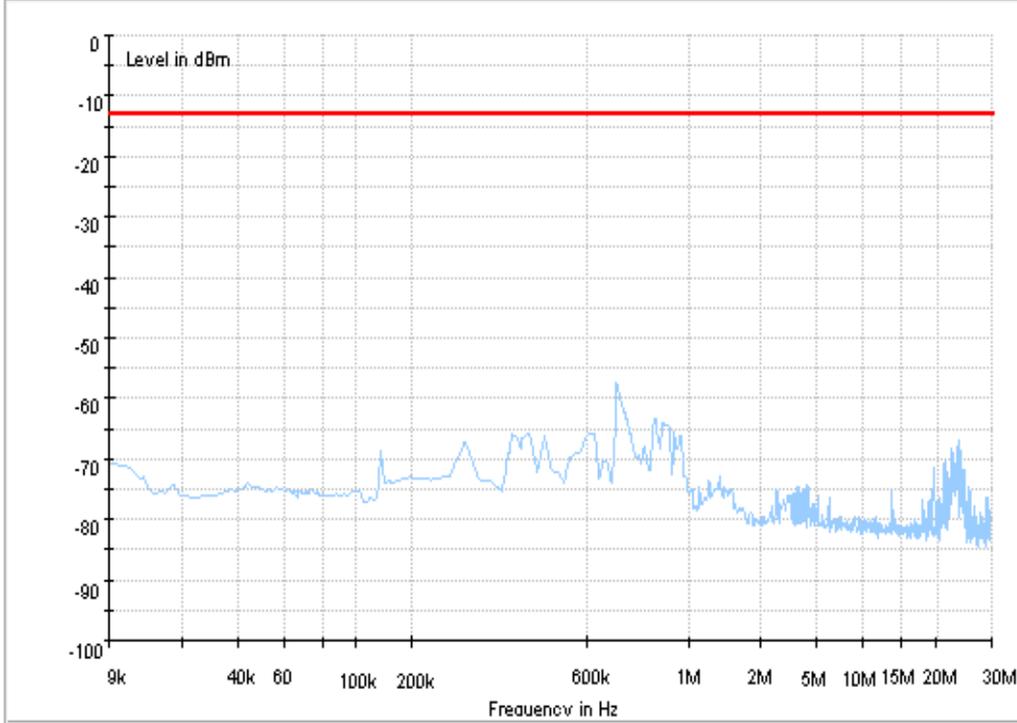
Copy of FCC PART24 GSM1900\_H



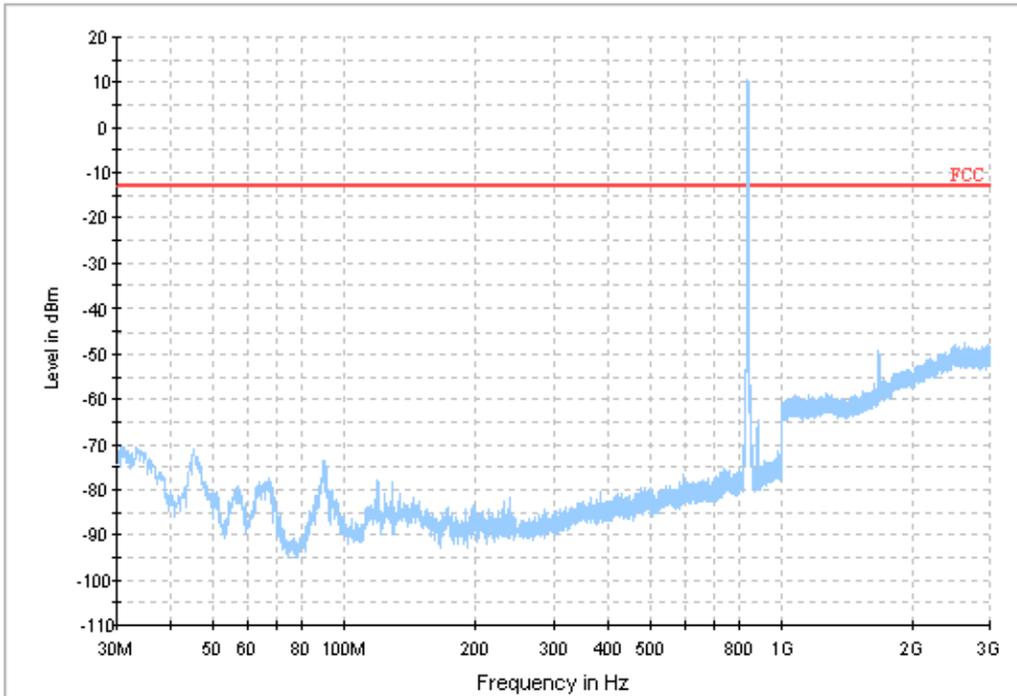
## 7.2 For UMTS

### 7.2.1 Test Band = WCDMA850

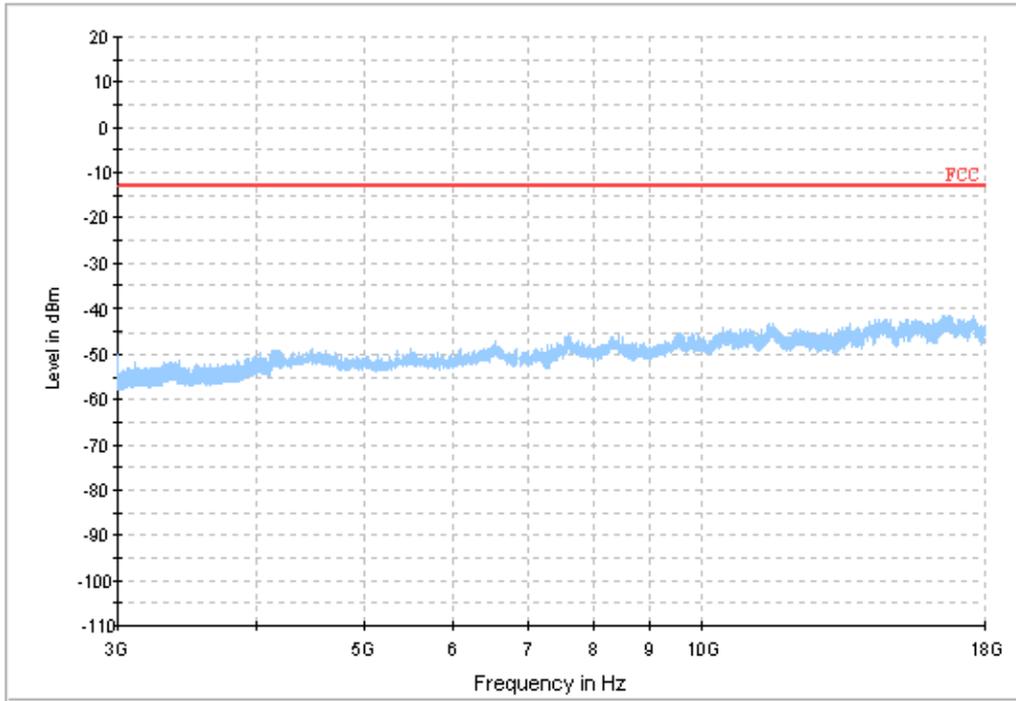
#### 7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850\_L

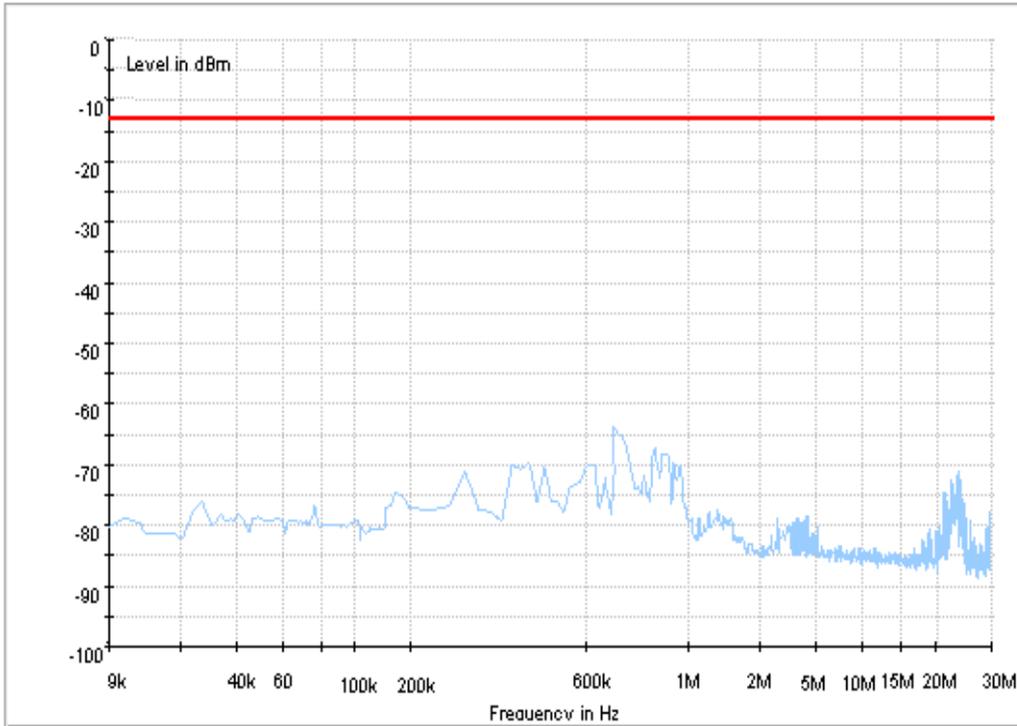


Copy of FCC PART22 WCDMA850\_H

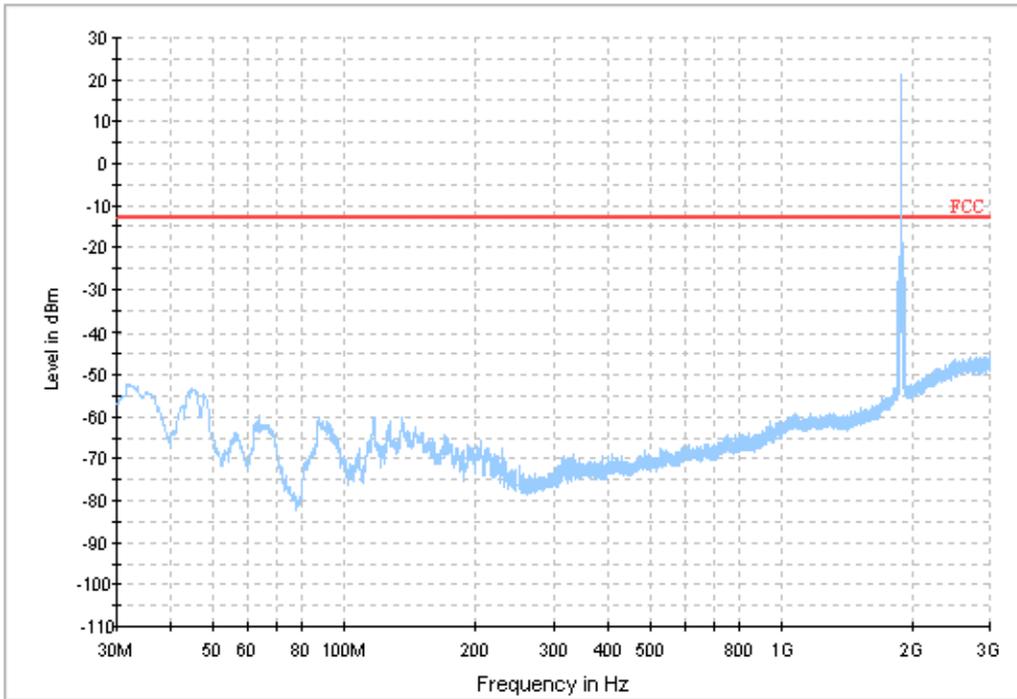


## 7.2.2 Test Band = WCDMA1900

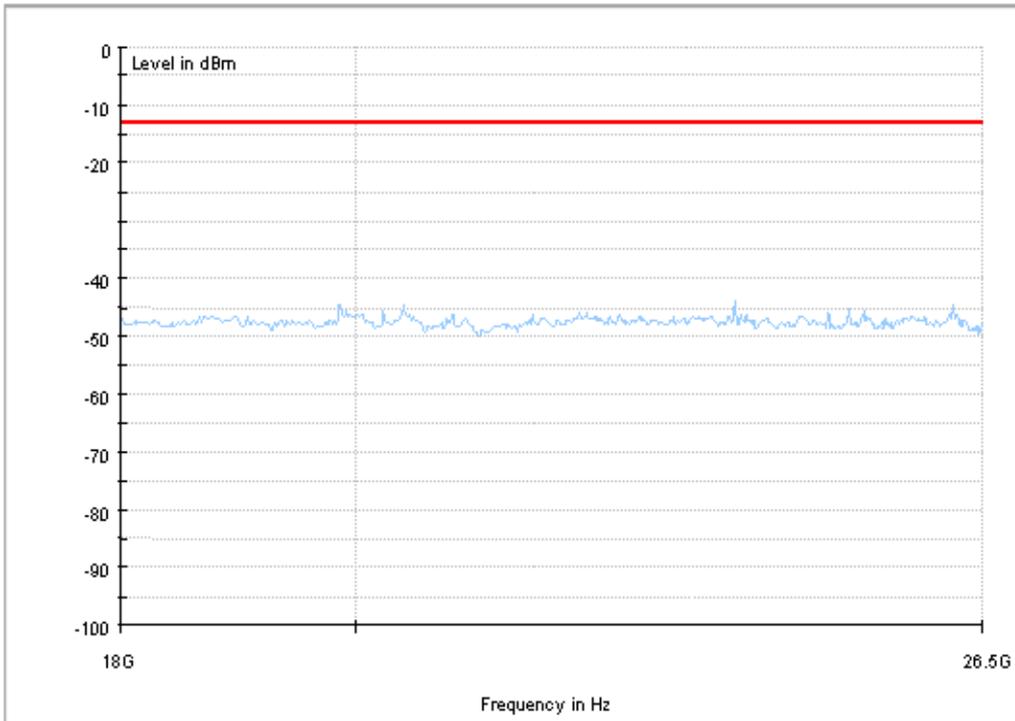
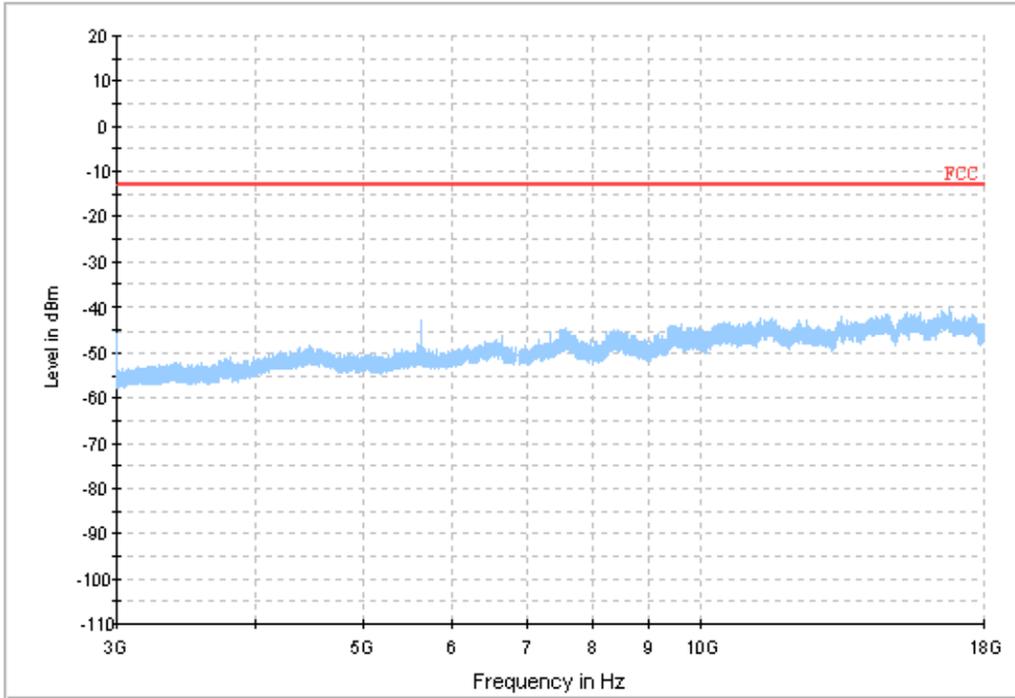
### 7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900\_L



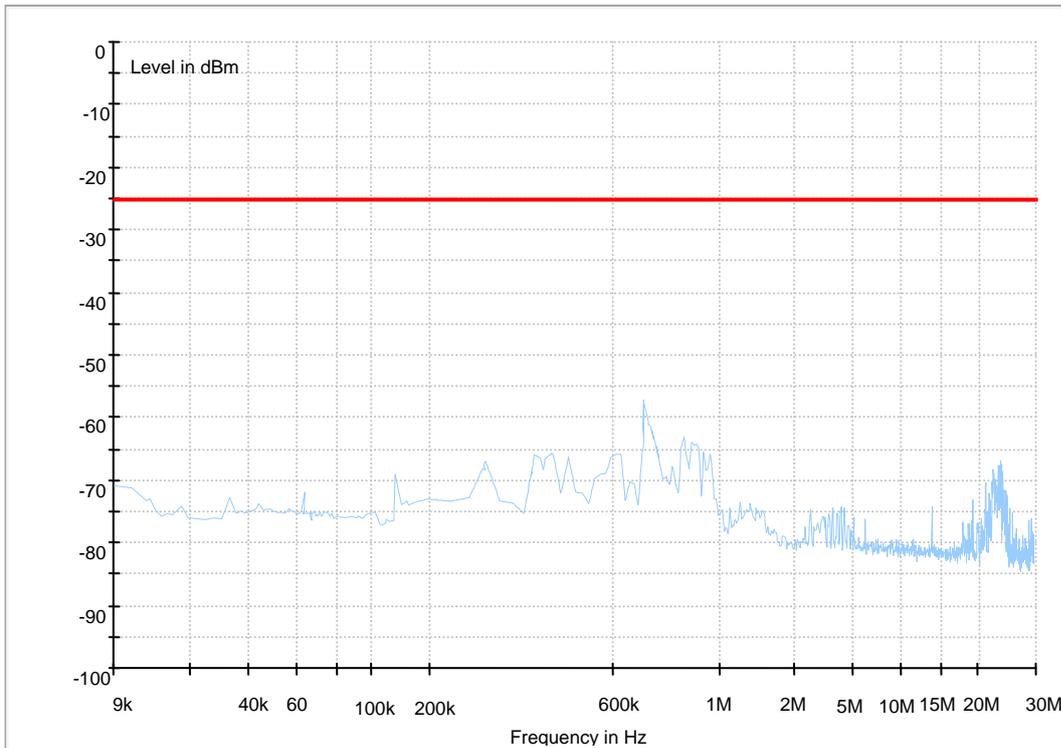
Copy of FCC PART24 WCDMA1900\_H



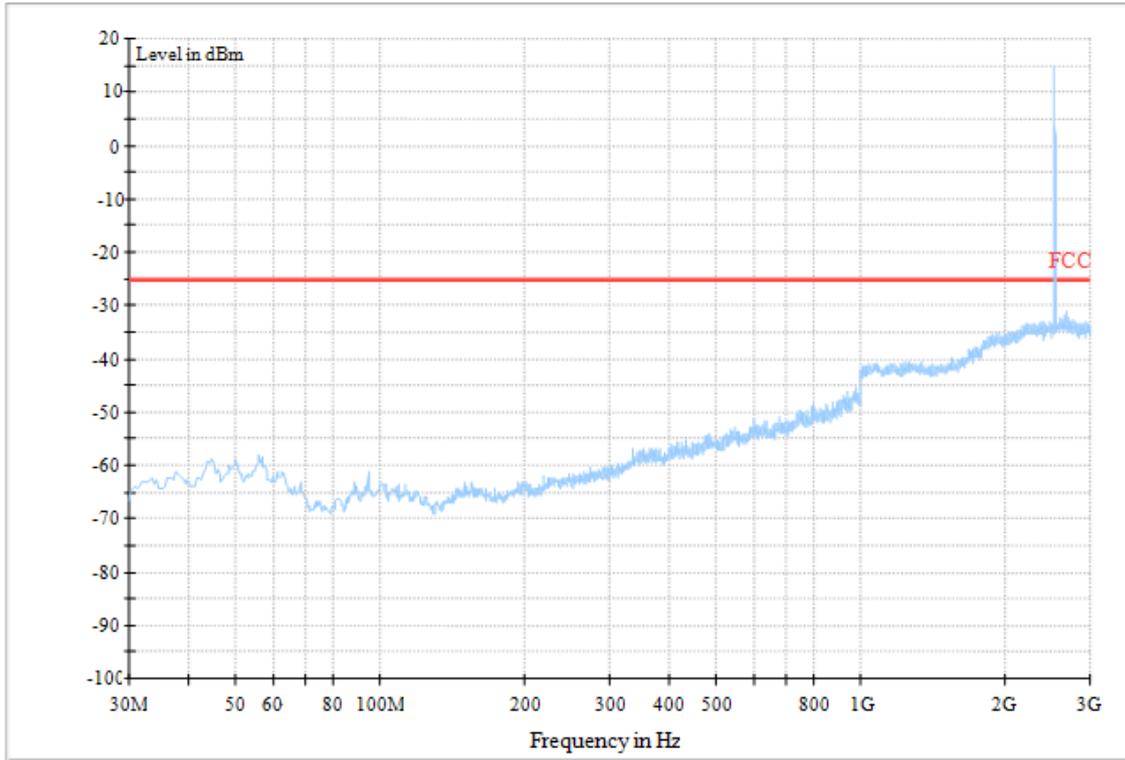
### 7.3 For LTE

#### 7.3.1 Test Band = BAND7

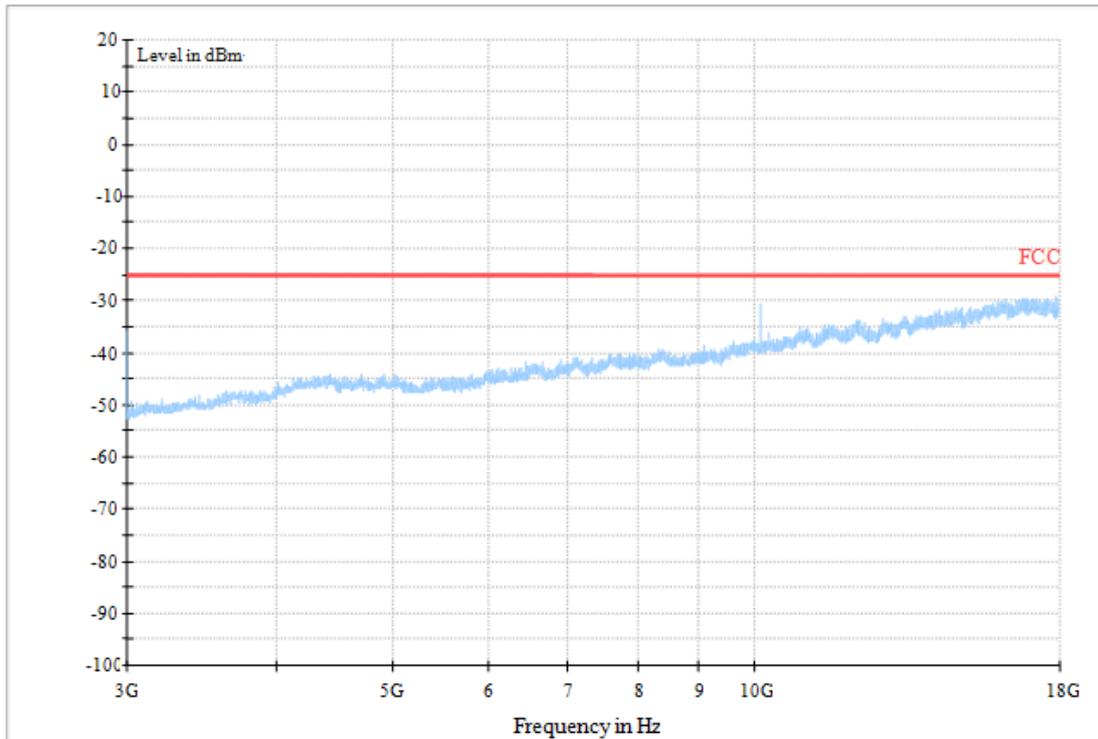
##### 7.3.1.1 Test Bandwidth = 5

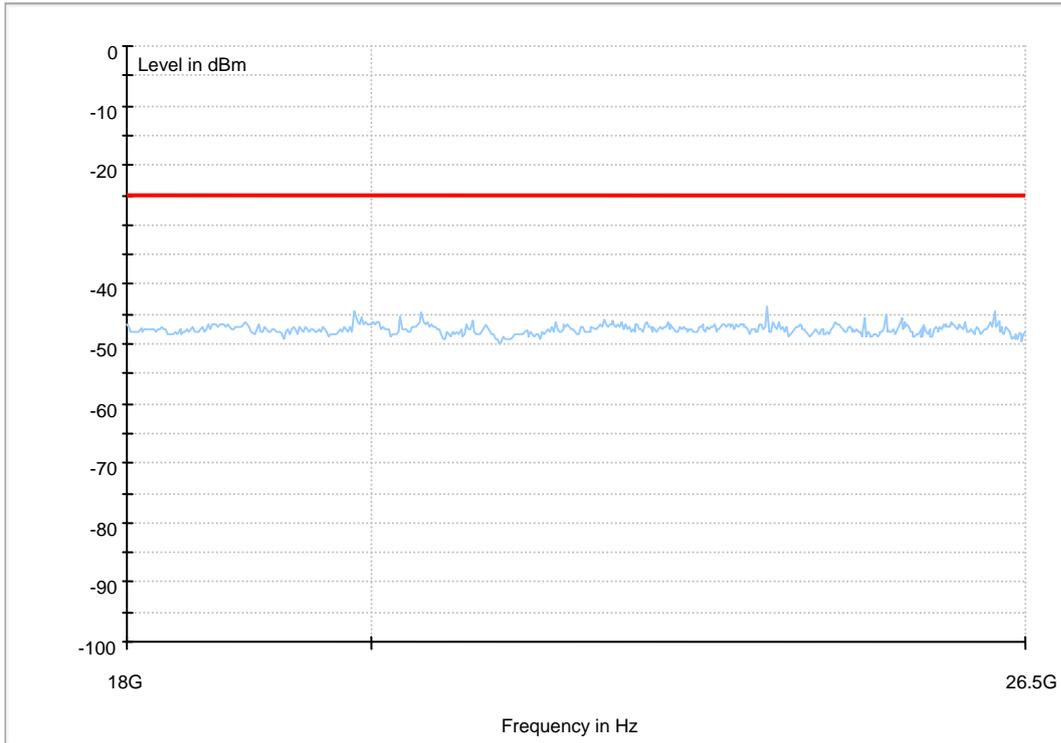


RSE-TX-DIRECTOR ABOVE 1.5G\_I

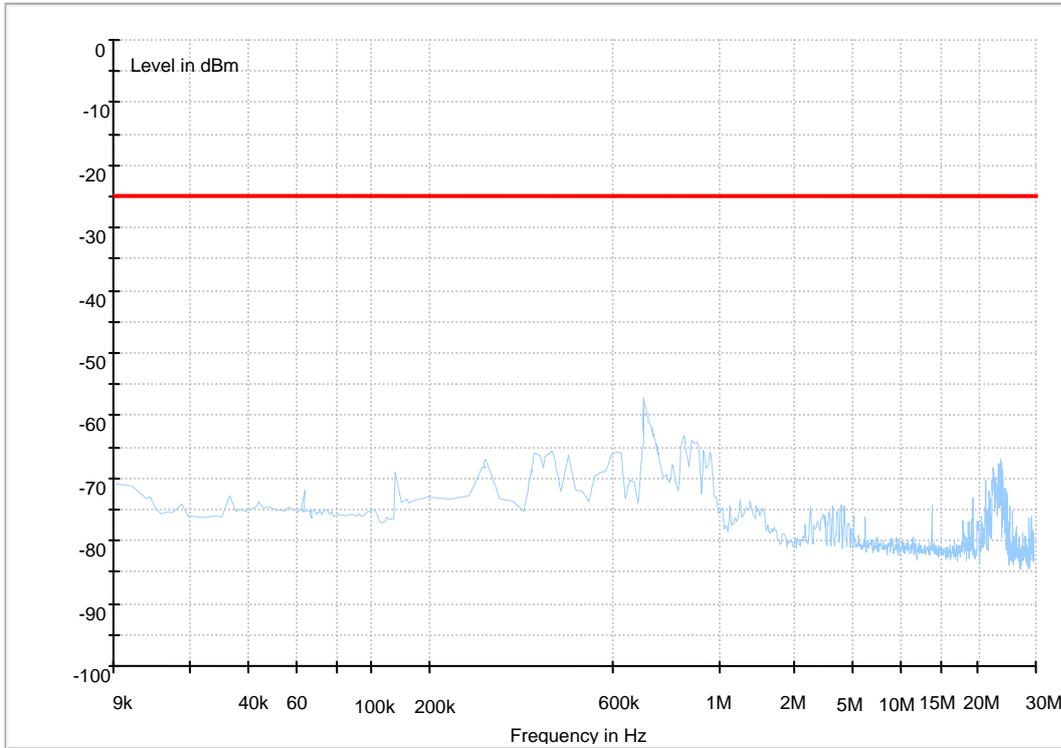


RSE-TX-DIRECTOR ABOVE 1.5G\_H

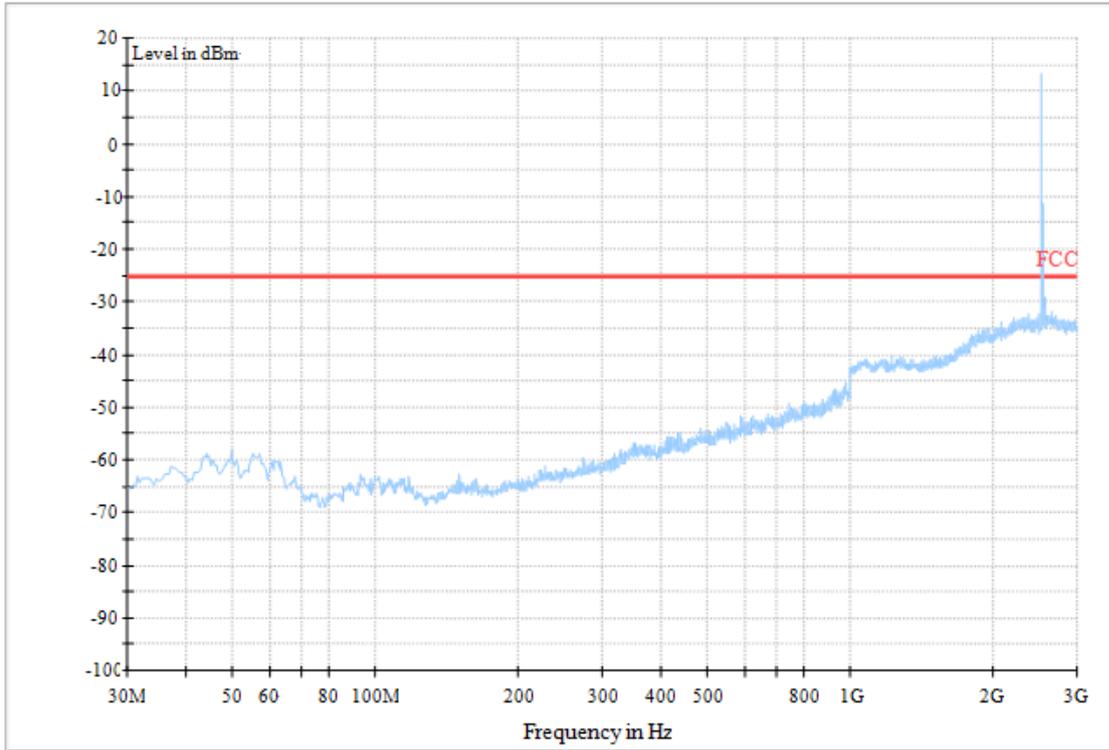




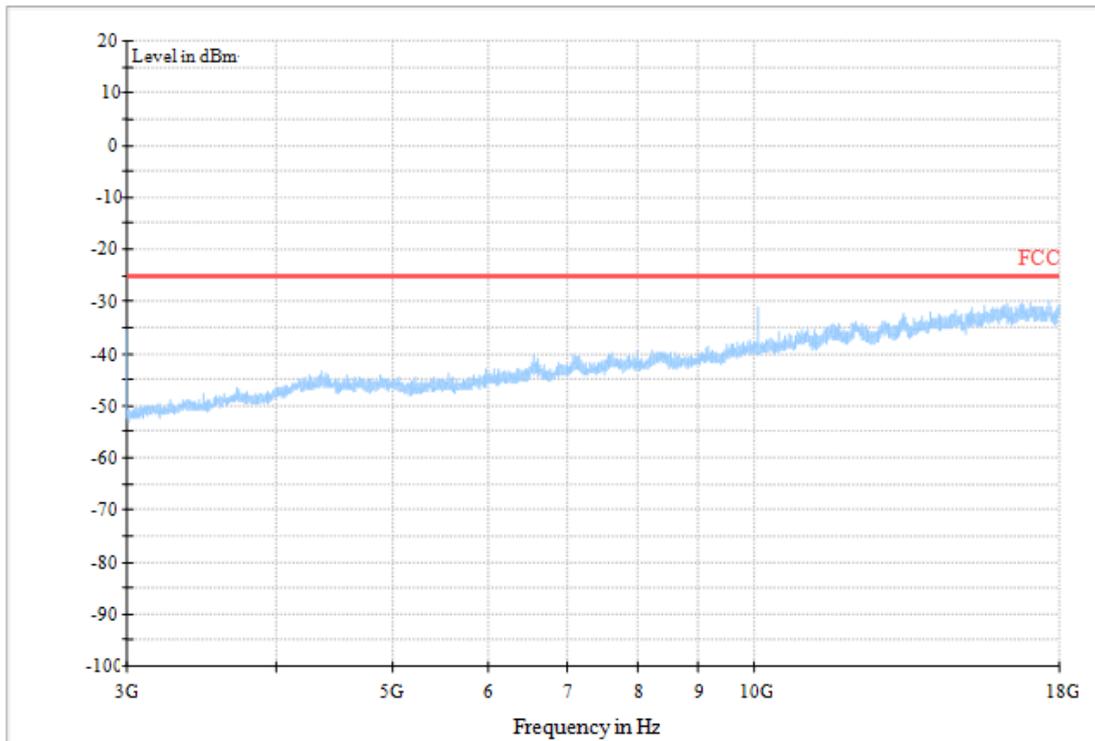
### 7.3.1.2 Test Bandwidth = 20

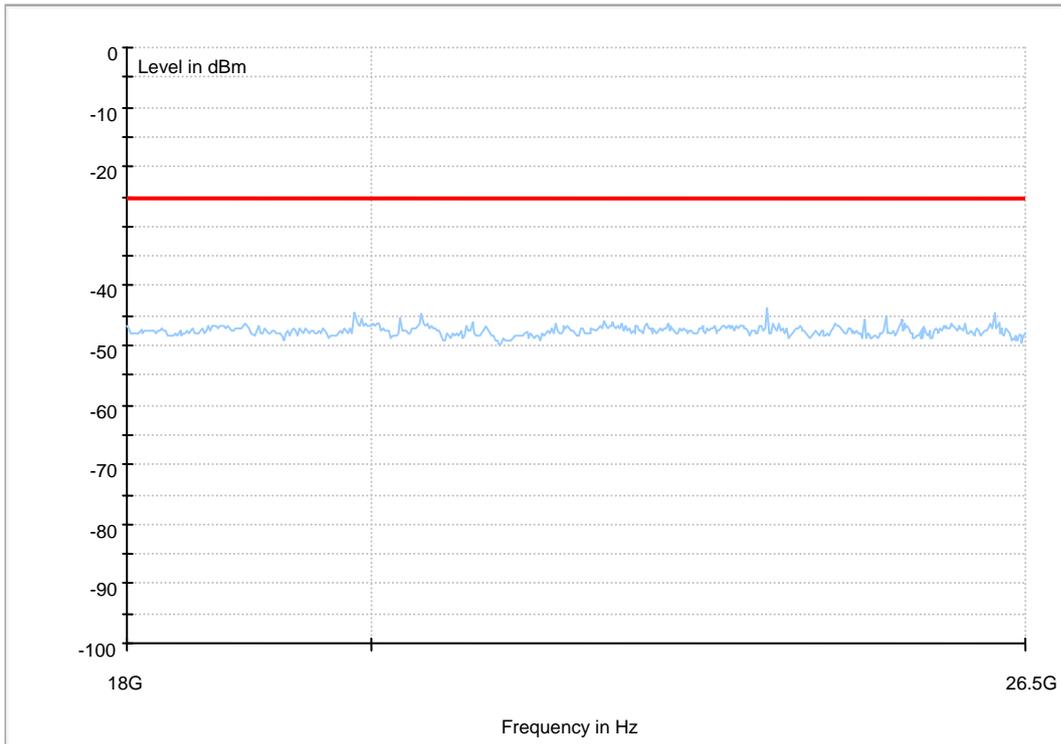


RSE-TX-DIRECTOR ABOVE 1.5G\_I



RSE-TX-DIRECTOR ABOVE 1.5G\_H





## 8Appendix\_H: Frequency Stability

### 8.1 For GSM

#### 8.1.1 Frequency 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	-6.84	-0.0083	PASS
				VN	-7.68	-0.00932	PASS
				VH	-7.68	-0.00932	PASS
		MCH	TN	VL	-16.40	-0.0196	PASS
				VN	-16.59	-0.01983	PASS
				VH	-20.15	-0.02409	PASS
		HCH	TN	VL	-18.14	-0.02137	PASS
				VN	-11.88	-0.014	PASS
				VH	-7.55	-0.00889	PASS
	GSM/TM2	LCH	TN	VL	-16.37	-0.01986	PASS
				VN	-15.72	-0.01907	PASS
				VH	-19.79	-0.02401	PASS
		MCH	TN	VL	-20.21	-0.02416	PASS
				VN	-29.41	-0.03515	PASS
				VH	-23.15	-0.02767	PASS
		HCH	TN	VL	-22.12	-0.02606	PASS
				VN	-22.02	-0.02594	PASS
				VH	-17.85	-0.02103	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-12.85	-0.00695	PASS
				VN	-12.91	-0.00698	PASS
				VH	-13.88	-0.0075	PASS
		MCH	TN	VL	-47.14	-0.02507	PASS
				VN	-50.56	-0.02689	PASS
				VH	-49.07	-0.0261	PASS
		HCH	TN	VL	-41.52	-0.02174	PASS
				VN	-33.00	-0.01728	PASS
				VH	-30.48	-0.01596	PASS
	GSM/TM2	LCH	TN	VL	-20.18	-0.01091	PASS
				VN	-12.75	-0.00689	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	-23.02	-0.01244	PASS
		MCH	TN	VL	-47.20	-0.02511	PASS
				VN	-50.37	-0.02679	PASS
				VH	-51.30	-0.02729	PASS
		HCH	TN	VL	-50.50	-0.02644	PASS
				VN	-45.26	-0.0237	PASS
				VH	-33.51	-0.01755	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	-10.27	-0.01246	PASS	
				-20	-9.30	-0.01128	PASS	
				-10	-12.53	-0.0152	PASS	
				0	-10.20	-0.01238	PASS	
				10	-11.24	-0.01364	PASS	
				20	-13.17	-0.01598	PASS	
				30	-8.39	-0.01018	PASS	
				40	-9.04	-0.01097	PASS	
				50	-9.88	-0.01199	PASS	
		MCH	VN	-30	-18.34	-0.02192	PASS	
				-20	-21.37	-0.02554	PASS	
				-10	-21.95	-0.02624	PASS	
				0	-24.02	-0.02871	PASS	
				10	-22.41	-0.02679	PASS	
				20	-20.08	-0.024	PASS	
				30	-21.89	-0.02617	PASS	
				40	-23.37	-0.02793	PASS	
				50	-21.95	-0.02624	PASS	
		HCH	VN	-30	-14.46	-0.01704	PASS	
				-20	-13.43	-0.01582	PASS	
				-10	-9.17	-0.0108	PASS	
				0	-8.85	-0.01043	PASS	
				10	-8.72	-0.01027	PASS	
				20	-10.27	-0.0121	PASS	
				30	-10.14	-0.01195	PASS	
				40	-9.69	-0.01142	PASS	
				50	-8.33	-0.00981	PASS	
		GSM/TM2	LCH	VN	-30	-15.59	-0.01892	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				-20	-17.43	-0.02115	PASS		
				-10	-15.37	-0.01865	PASS		
				0	-19.79	-0.02401	PASS		
				10	-15.88	-0.01927	PASS		
				20	-15.79	-0.01916	PASS		
				30	-17.63	-0.02139	PASS		
				40	-16.08	-0.01951	PASS		
				50	-17.40	-0.02111	PASS		
		MCH	VN	-30	-21.47	-0.02566	PASS		
				-20	-19.18	-0.02293	PASS		
				-10	-25.63	-0.03064	PASS		
				0	-24.38	-0.02914	PASS		
				10	-24.70	-0.02952	PASS		
				20	-25.99	-0.03107	PASS		
				30	-27.67	-0.03307	PASS		
				40	-33.48	-0.04002	PASS		
		HCH	VN	50	-27.80	-0.03323	PASS		
				-30	-21.05	-0.0248	PASS		
				-20	-19.57	-0.02306	PASS		
				-10	-20.57	-0.02423	PASS		
				0	-14.82	-0.01746	PASS		
				10	-18.89	-0.02225	PASS		
				20	-17.63	-0.02077	PASS		
				30	-16.92	-0.01993	PASS		
		GSM1900	GSM/TM1	LCH	VN	40	-16.40	-0.01932	PASS
						50	-13.85	-0.01632	PASS
						-30	-16.98	-0.00918	PASS
-20	-15.17					-0.0082	PASS		
-10	-19.63					-0.01061	PASS		
0	-12.40					-0.0067	PASS		
10	-7.10					-0.00384	PASS		
20	-12.20					-0.00659	PASS		
30	-9.88			-0.00534	PASS				
40	-8.33			-0.0045	PASS				
MCH	VN	50	-15.43	-0.00834	PASS				
		-30	-46.43	-0.0247	PASS				
		-20	-46.81	-0.0249	PASS				
		-10	-43.13	-0.02294	PASS				
		0	-54.63	-0.02906	PASS				
				10	-55.60	-0.02957	PASS		

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				20	-51.59	-0.02744	PASS		
				30	-58.05	-0.03088	PASS		
				40	-55.02	-0.02927	PASS		
				50	-51.79	-0.02755	PASS		
		HCH	VN			-30	-33.45	-0.01751	PASS
						-20	-40.29	-0.0211	PASS
						-10	-38.74	-0.02028	PASS
						0	-38.48	-0.02015	PASS
						10	-42.29	-0.02214	PASS
						20	-43.78	-0.02292	PASS
						30	-34.42	-0.01802	PASS
						40	-37.97	-0.01988	PASS
						50	-34.16	-0.01789	PASS
						GSM/TM2	LCH	VN	
	-20	-17.01	-0.00919	PASS					
	-10	-19.11	-0.01033	PASS					
	0	-14.85	-0.00803	PASS					
	10	-11.95	-0.00646	PASS					
	20	-17.72	-0.00958	PASS					
	30	-9.01	-0.00487	PASS					
	40	-21.37	-0.01155	PASS					
	50	-16.76	-0.00906	PASS					
	MCH	VN			-30		-49.33	-0.02624	PASS
					-20		-53.82	-0.02863	PASS
					-10		-50.79	-0.02702	PASS
					0		-55.63	-0.02959	PASS
					10		-53.98	-0.02871	PASS
					20		-54.56	-0.02902	PASS
					30		-51.66	-0.02748	PASS
	40	-49.24	-0.02619	PASS					
	50	-43.33	-0.02305	PASS					
	HCH	VN			-30	-37.06	-0.01941	PASS	
					-20	-29.41	-0.0154	PASS	
					-10	-28.41	-0.01488	PASS	
					0	-33.03	-0.0173	PASS	
					10	-40.36	-0.02113	PASS	
					20	-33.38	-0.01748	PASS	
					30	-36.71	-0.01922	PASS	
					40	-24.05	-0.01259	PASS	
	50	-36.68	-0.01921	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	2.15	0.0026	PASS
				VN	1.17	0.00142	PASS
				VH	0.09	0.00011	PASS
		MCH	TN	VL	4.53	0.00542	PASS
				VN	-1.27	-0.00152	PASS
				VH	-2.94	-0.00352	PASS
		HCH	TN	VL	-0.61	-0.00072	PASS
				VN	-2.69	-0.00318	PASS
				VH	-2.53	-0.00299	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	-3.11	-0.00168	PASS
				VN	3.37	0.00182	PASS
				VH	-3.33	-0.0018	PASS
		MCH	TN	VL	-8.71	-0.00463	PASS
				VN	-1.98	-0.00105	PASS
				VH	-8.58	-0.00456	PASS
		HCH	TN	VL	-6.48	-0.0034	PASS
				VN	8.35	0.00438	PASS
				VH	2.64	0.00138	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	2.49	0.00301	PASS
				-20	-0.61	-0.00074	PASS
				-10	0.31	0.00038	PASS
				0	-1.83	-0.00221	PASS
				10	5.23	0.00633	PASS
				20	0.12	0.00015	PASS
				30	1.63	0.00197	PASS
				40	1.31	0.00159	PASS
				50	-1.51	-0.00183	PASS
		MCH	VN	-30	0.76	0.00091	PASS
				-20	0.11	0.00013	PASS
				-10	-0.53	-0.00063	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				0	-1.25	-0.00149	PASS		
				10	1.30	0.00155	PASS		
				20	-0.79	-0.00094	PASS		
				30	-2.93	-0.0035	PASS		
				40	1.94	0.00232	PASS		
				50	-1.11	-0.00133	PASS		
		HCH	VN			-30	3.05	0.0036	PASS
						-20	-2.20	-0.0026	PASS
						-10	1.08	0.00128	PASS
						0	-2.09	-0.00247	PASS
						10	-1.31	-0.00155	PASS
						20	0.81	0.00096	PASS
						30	-2.70	-0.00319	PASS
						40	1.89	0.00223	PASS
						50	2.75	0.00325	PASS
						WCDMA190 0	UMTS/TM1	LCH	VN
-20	4.53	0.00245	PASS						
-10	-0.03	-0.00002	PASS						
0	-2.03	-0.0011	PASS						
10	-4.21	-0.00227	PASS						
20	-0.70	-0.00038	PASS						
30	0.72	0.00039	PASS						
40	4.56	0.00246	PASS						
50	3.11	0.00168	PASS						
MCH	VN			-30	-5.14			-0.00273	PASS
				-20	-4.67			-0.00248	PASS
				-10	-4.00			-0.00213	PASS
				0	-4.00			-0.00213	PASS
				10	-6.39			-0.0034	PASS
				20	5.49			0.00292	PASS
				30	2.00			0.00106	PASS
40	-2.06	-0.0011	PASS						
50	6.93	0.00369	PASS						
HCH	VN			-30	3.16			0.00166	PASS
				-20	2.03			0.00106	PASS
				-10	-0.23			-0.00012	PASS
				0	0.24			0.00013	PASS
				10	3.63			0.0019	PASS
				20	1.08			0.00057	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				30	-9.02	-0.00473	PASS
				40	3.01	0.00158	PASS
				50	5.23	0.00274	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
BAND7	LTE/TM1	5	LCH	TN	VL	3.81	0.00152	PASS
					VN	1.09	0.00044	PASS
					VH	3.22	0.00129	PASS
			MCH	TN	VL	3.03	0.0012	PASS
					VN	1.60	0.00063	PASS
					VH	3.08	0.00121	PASS
			HCH	TN	VL	2.49	0.00097	PASS
					VN	4.22	0.00164	PASS
					VH	3.48	0.00136	PASS
		10	LCH	TN	VL	1.30	0.00052	PASS
					VN	1.37	0.00055	PASS
					VH	1.89	0.00075	PASS
			MCH	TN	VL	1.00	0.00039	PASS
					VN	1.92	0.00076	PASS
					VH	1.92	0.00076	PASS
			HCH	TN	VL	2.07	0.00081	PASS
					VN	1.37	0.00053	PASS
					VH	2.06	0.0008	PASS
		15	LCH	TN	VL	1.12	0.00045	PASS
					VN	1.46	0.00058	PASS
					VH	-0.23	-0.00009	PASS
			MCH	TN	VL	1.96	0.00077	PASS
					VN	0.36	0.00014	PASS
					VH	0.83	0.00033	PASS
HCH	TN		VL	-0.36	-0.00014	PASS		
			VN	-0.10	-0.00004	PASS		
			VH	-0.23	-0.00009	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	VL	0.60	0.00024	PASS
					VN	-1.22	-0.00049	PASS
					VH	1.10	0.00044	PASS
			MCH	TN	VL	1.29	0.00051	PASS
					VN	1.03	0.00041	PASS
					VH	1.22	0.00048	PASS
			HCH	TN	VL	0.21	0.00008	PASS
					VN	-0.97	-0.00038	PASS
					VH	0.24	0.00009	PASS
		5	LCH	TN	VL	0.97	0.00039	PASS
					VN	1.27	0.00051	PASS
					VH	4.62	0.00185	PASS
			MCH	TN	VL	1.30	0.00051	PASS
					VN	1.93	0.00076	PASS
					VH	4.18	0.00165	PASS
			HCH	TN	VL	1.42	0.00055	PASS
					VN	0.27	0.00011	PASS
					VH	1.37	0.00053	PASS
		10	LCH	TN	VL	3.66	0.00146	PASS
					VN	1.04	0.00042	PASS
					VH	0.83	0.00033	PASS
			MCH	TN	VL	1.53	0.0006	PASS
					VN	0.24	0.00009	PASS
					VH	1.30	0.00051	PASS
	HCH		TN	VL	2.03	0.00079	PASS	
				VN	1.92	0.00076	PASS	
				VH	2.92	0.00114	PASS	
	15	LCH	TN	VL	-1.33	-0.00053	PASS	
				VN	-0.54	-0.00022	PASS	
				VH	1.26	0.0005	PASS	
		MCH	TN	VL	1.75	0.00069	PASS	
				VN	1.73	0.00068	PASS	
				VH	1.70	0.00067	PASS	
		HCH	TN	VL	1.39	0.00054	PASS	
				VN	1.03	0.0004	PASS	
				VH	0.47	0.00018	PASS	
	20	LCH	TN	VL	0.80	0.00032	PASS	
				VN	-1.17	-0.00047	PASS	
				VH	0.21	0.00008	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VL	-0.21	-0.00008	PASS
					VN	1.14	0.00045	PASS
					VH	0.74	0.00029	PASS
			HCH	TN	VL	-0.29	-0.00011	PASS
					VN	0.99	0.00039	PASS
					VH	1.12	0.00044	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
BAND7	LTE/TM1	5	LCH	VN	-30	3.33	0.00133	PASS
					-20	6.45	0.00258	PASS
					-10	1.12	0.00045	PASS
					0	2.02	0.00081	PASS
					10	3.22	0.00129	PASS
					20	4.09	0.00163	PASS
					30	2.92	0.00117	PASS
					40	3.72	0.00149	PASS
					50	2.73	0.00109	PASS
			MCH	VN	-30	2.29	0.0009	PASS
					-20	2.59	0.00102	PASS
					-10	2.43	0.00096	PASS
					0	4.21	0.00166	PASS
					10	4.78	0.00189	PASS
					20	3.13	0.00123	PASS
					30	2.76	0.00109	PASS
					40	1.96	0.00077	PASS
					50	2.07	0.00082	PASS
			HCH	VN	-30	3.78	0.00147	PASS
					-20	3.09	0.0012	PASS
					-10	3.66	0.00143	PASS
					0	3.23	0.00126	PASS
					10	3.02	0.00118	PASS
					20	1.50	0.00058	PASS
30	4.81	0.00187			PASS			
40	2.02	0.00079			PASS			
50	0.46	0.00018			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	-30	0.27	0.00011	PASS
					-20	2.42	0.00097	PASS
					-10	0.41	0.00016	PASS
					0	2.02	0.00081	PASS
					10	1.40	0.00056	PASS
					20	1.44	0.00057	PASS
					30	2.92	0.00117	PASS
					40	0.89	0.00036	PASS
					50	1.33	0.00053	PASS
			MCH	VN	-30	-0.09	-0.00004	PASS
					-20	1.24	0.00049	PASS
					-10	0.44	0.00017	PASS
					0	1.83	0.00072	PASS
					10	0.83	0.00033	PASS
					20	0.19	0.00007	PASS
					30	0.19	0.00007	PASS
					40	2.00	0.00079	PASS
					50	1.02	0.0004	PASS
			HCH	VN	-30	2.53	0.00099	PASS
					-20	1.30	0.00051	PASS
					-10	0.92	0.00036	PASS
					0	1.19	0.00046	PASS
					10	0.62	0.00024	PASS
					20	0.56	0.00022	PASS
		30			2.45	0.00096	PASS	
		40			1.09	0.00042	PASS	
		50			2.45	0.00096	PASS	
		15	LCH	VN	-30	0.94	0.00037	PASS
					-20	0.44	0.00018	PASS
					-10	-1.19	-0.00047	PASS
					0	-0.11	-0.00004	PASS
					10	0.53	0.00021	PASS
					20	-0.36	-0.00014	PASS
					30	1.46	0.00058	PASS
					40	-0.60	-0.00024	PASS
					50	0.84	0.00033	PASS
MCH	VN		-30	0.10	0.00004	PASS		
			-20	1.66	0.00065	PASS		
			-10	0.10	0.00004	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	2.23	0.00088	PASS		
					10	0.92	0.00036	PASS		
					20	2.42	0.00095	PASS		
					30	0.60	0.00024	PASS		
					40	0.96	0.00038	PASS		
					50	-0.72	-0.00028	PASS		
			HCH	VN	-30	1.09	0.00043	PASS		
					-20	-1.63	-0.00064	PASS		
					-10	0.50	0.0002	PASS		
					0	0.21	0.00008	PASS		
					10	1.36	0.00053	PASS		
					20	-0.56	-0.00022	PASS		
			LCH	VN	30	0.96	0.00037	PASS		
					40	-0.77	-0.0003	PASS		
					50	1.32	0.00052	PASS		
					-30	1.12	0.00045	PASS		
					-20	-0.19	-0.00008	PASS		
					-10	1.86	0.00074	PASS		
		20	MCH	VN	0	-0.24	-0.0001	PASS		
					10	-0.89	-0.00035	PASS		
					20	1.99	0.00079	PASS		
					30	1.57	0.00063	PASS		
					40	0.30	0.00012	PASS		
					50	1.02	0.00041	PASS		
			HCH	VN	-30	1.85	0.00073	PASS		
					-20	1.30	0.00051	PASS		
					-10	1.22	0.00048	PASS		
					0	0.49	0.00019	PASS		
					10	1.44	0.00057	PASS		
					20	1.17	0.00046	PASS		
							30	-0.73	-0.00029	PASS
							40	1.30	0.00051	PASS
							50	0.83	0.00033	PASS
							-30	-0.66	-0.00026	PASS
							-20	1.47	0.00057	PASS
							-10	3.55	0.00139	PASS
							0	1.66	0.00065	PASS
							10	-0.33	-0.00013	PASS
							20	1.70	0.00066	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	30	1.54	0.0006	PASS
					40	1.43	0.00056	PASS
					50	0.37	0.00014	PASS
					-30	0.99	0.0004	PASS
					-20	2.68	0.00107	PASS
					-10	1.60	0.00064	PASS
			0	1.43	0.00057	PASS		
			10	0.60	0.00024	PASS		
			20	2.76	0.0011	PASS		
			30	3.85	0.00154	PASS		
			40	5.29	0.00211	PASS		
			50	1.10	0.00044	PASS		
		MCH	VN	-30	2.40	0.00095	PASS	
				-20	4.15	0.00164	PASS	
				-10	2.39	0.00094	PASS	
				0	2.00	0.00079	PASS	
				10	1.32	0.00052	PASS	
				20	1.02	0.0004	PASS	
		HCH	VN	30	2.45	0.00097	PASS	
				40	3.26	0.00129	PASS	
				50	1.59	0.00063	PASS	
				-30	4.06	0.00158	PASS	
				-20	0.94	0.00037	PASS	
				-10	5.38	0.0021	PASS	
				0	1.10	0.00043	PASS	
				10	1.46	0.00057	PASS	
		10	LCH	VN	20	-0.67	-0.00026	PASS
					30	-1.76	-0.00069	PASS
					40	3.02	0.00118	PASS
					50	-0.93	-0.00036	PASS
					-30	3.33	0.00133	PASS
					-20	0.07	0.00003	PASS
-10	0.76				0.0003	PASS		
0	1.09				0.00044	PASS		
10	0.90				0.00036	PASS		
20	-0.21				-0.00008	PASS		
30	1.60	0.00064	PASS					
40	2.92	0.00117	PASS					
50	-0.23	-0.00009	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			MCH	VN	-30	0.97	0.00038	PASS	
					-20	1.66	0.00065	PASS	
					-10	0.17	0.00007	PASS	
					0	0.82	0.00032	PASS	
					10	1.17	0.00046	PASS	
					20	0.92	0.00036	PASS	
					30	1.56	0.00062	PASS	
					40	-0.64	-0.00025	PASS	
					50	0.40	0.00016	PASS	
			HCH	VN	-30	-0.43	-0.00017	PASS	
					-20	1.96	0.00076	PASS	
					-10	0.60	0.00023	PASS	
					0	0.03	0.00001	PASS	
					10	-0.41	-0.00016	PASS	
					20	-0.09	-0.00004	PASS	
					30	0.67	0.00026	PASS	
					40	-0.92	-0.00036	PASS	
					50	1.13	0.00044	PASS	
			15	LCH	VN	-30	-0.03	-0.00001	PASS
						-20	1.82	0.00073	PASS
						-10	0.19	0.00008	PASS
						0	0.23	0.00009	PASS
						10	0.76	0.0003	PASS
						20	-0.36	-0.00014	PASS
		30				2.27	0.00091	PASS	
		40				0.49	0.0002	PASS	
		50				-1.07	-0.00043	PASS	
		MCH		VN	-30	0.69	0.00027	PASS	
					-20	0.37	0.00015	PASS	
					-10	-0.41	-0.00016	PASS	
					0	1.56	0.00062	PASS	
					10	-1.43	-0.00056	PASS	
					20	2.35	0.00093	PASS	
					30	0.24	0.00009	PASS	
					40	-0.76	-0.0003	PASS	
					50	-0.09	-0.00004	PASS	
		HCH		VN	-30	2.13	0.00083	PASS	
					-20	0.53	0.00021	PASS	
					-10	1.65	0.00064	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-0.97	-0.00038	PASS		
					10	1.17	0.00046	PASS		
					20	0.06	0.00002	PASS		
					30	-0.04	-0.00002	PASS		
					40	1.27	0.0005	PASS		
					50	1.17	0.00046	PASS		
		20	LCH	VN	-30	-1.14	-0.00045	PASS		
					-20	0.93	0.00037	PASS		
					-10	-0.31	-0.00012	PASS		
					0	2.05	0.00082	PASS		
					10	0.47	0.00019	PASS		
					20	0.83	0.00033	PASS		
					30	1.19	0.00047	PASS		
					40	-0.99	-0.00039	PASS		
					50	1.40	0.00056	PASS		
					MCH	VN	-30	-0.03	-0.00001	PASS
							-20	0.79	0.00031	PASS
							-10	0.77	0.0003	PASS
							0	-1.22	-0.00048	PASS
							10	0.43	0.00017	PASS
		20	-0.13	-0.00005			PASS			
		30	-0.14	-0.00006			PASS			
		40	-0.26	-0.0001			PASS			
		HCH	VN	-30	0.60	0.00023	PASS			
				-20	1.33	0.00052	PASS			
				-10	-0.04	-0.00002	PASS			
				0	0.64	0.00025	PASS			
				10	-1.10	-0.00043	PASS			
				20	1.27	0.0005	PASS			
				30	0.64	0.00025	PASS			
40	1.54			0.0006	PASS					
50	-0.26	-0.0001	PASS							

END