

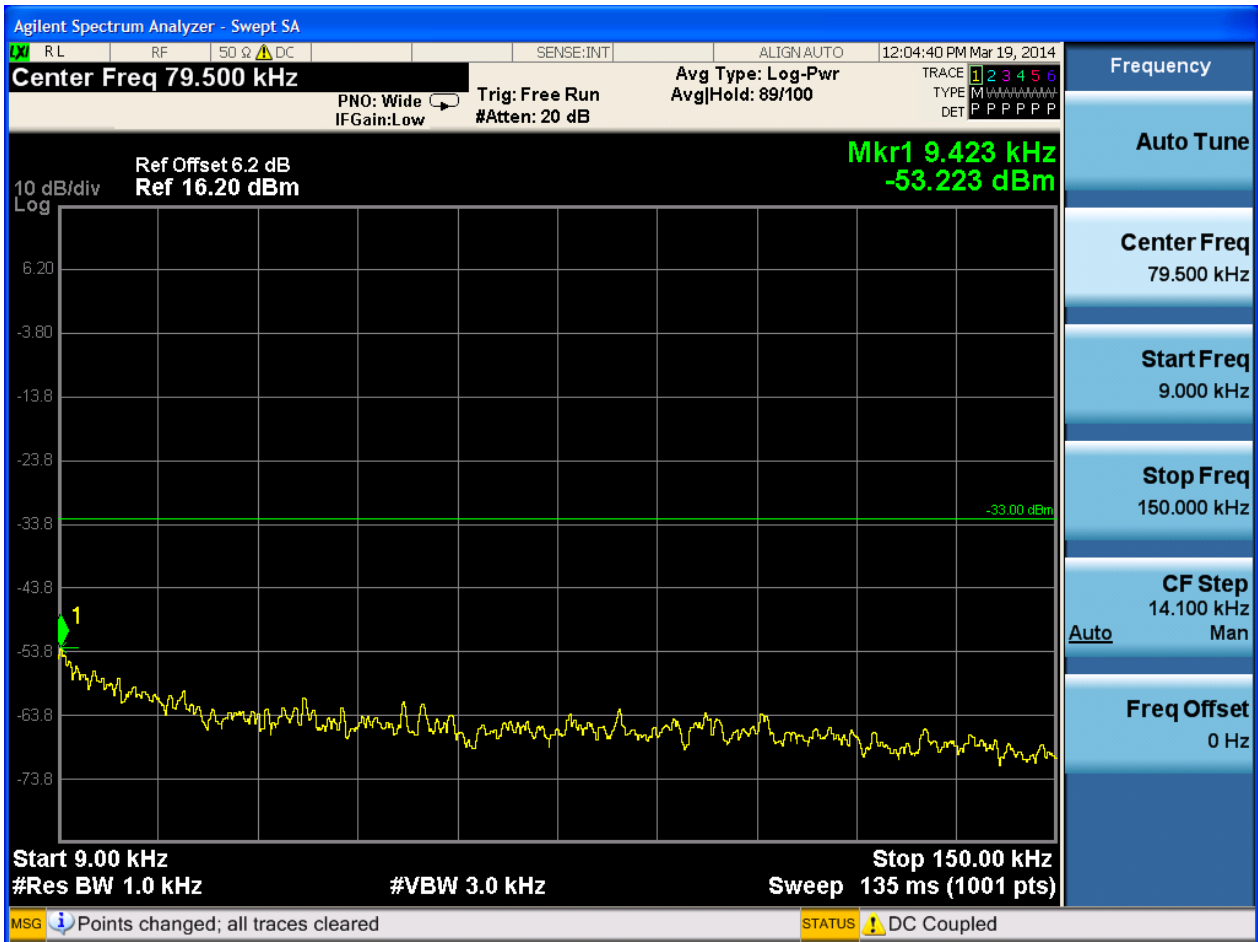


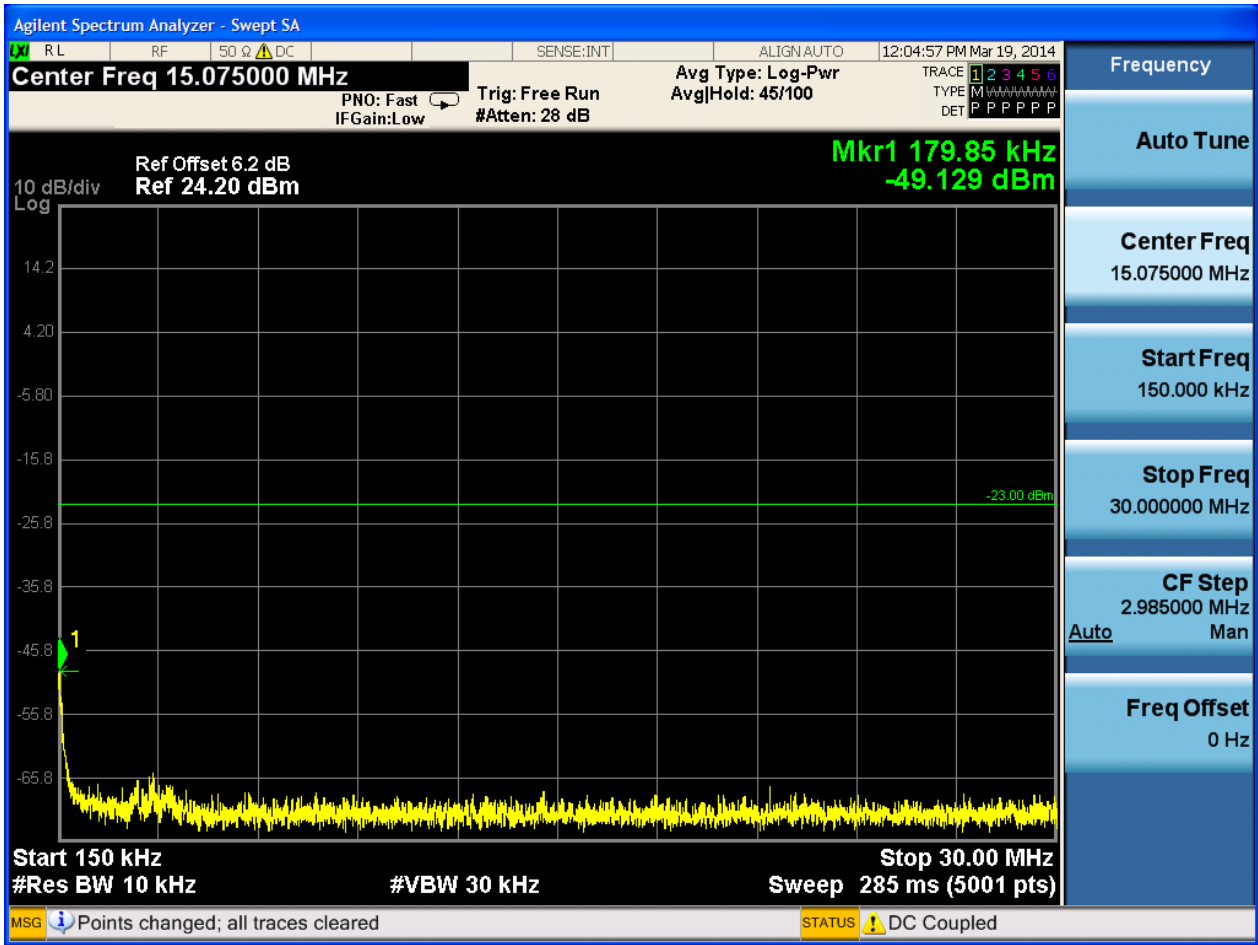


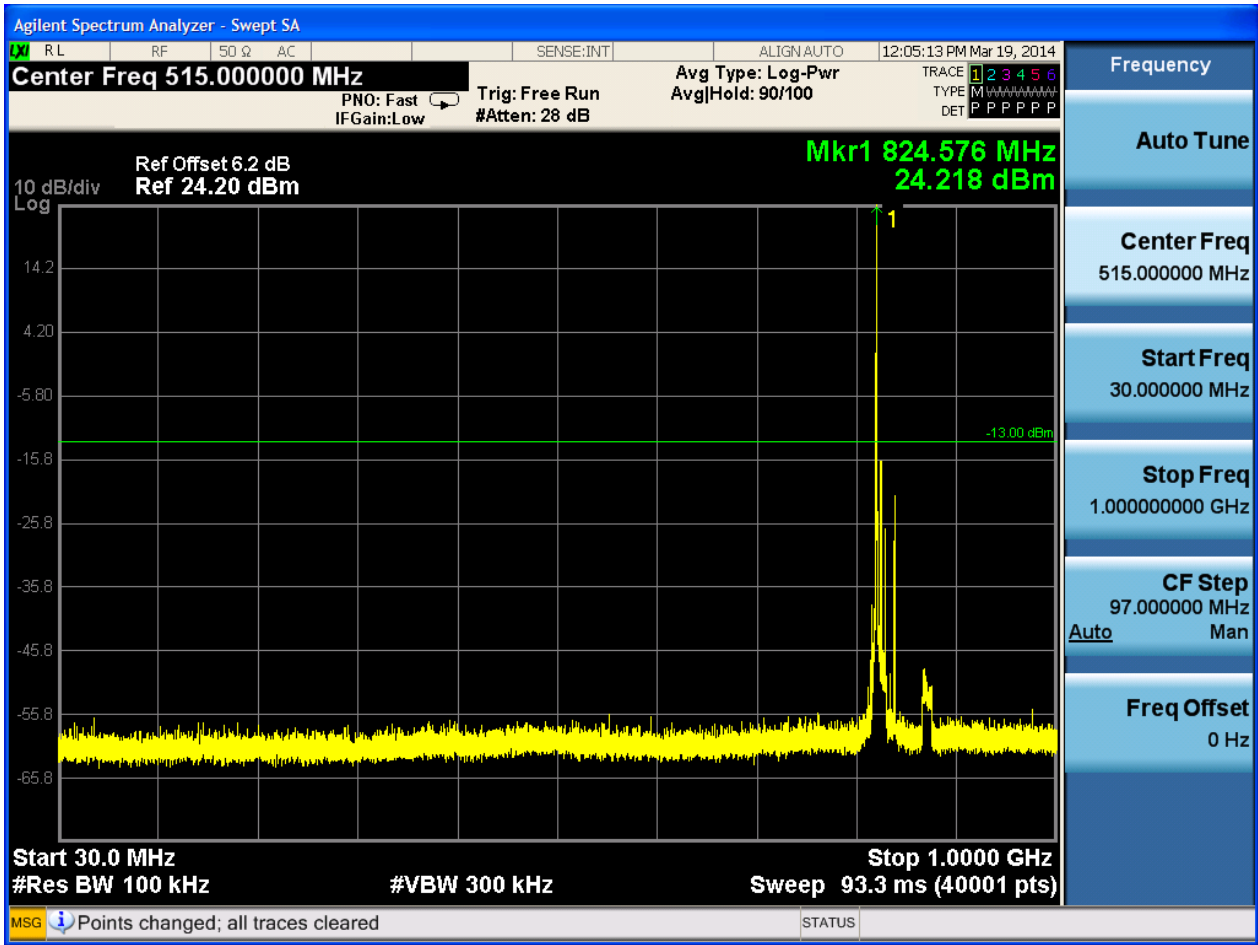
6.2.1.1.4 Test Bandwidth = 10

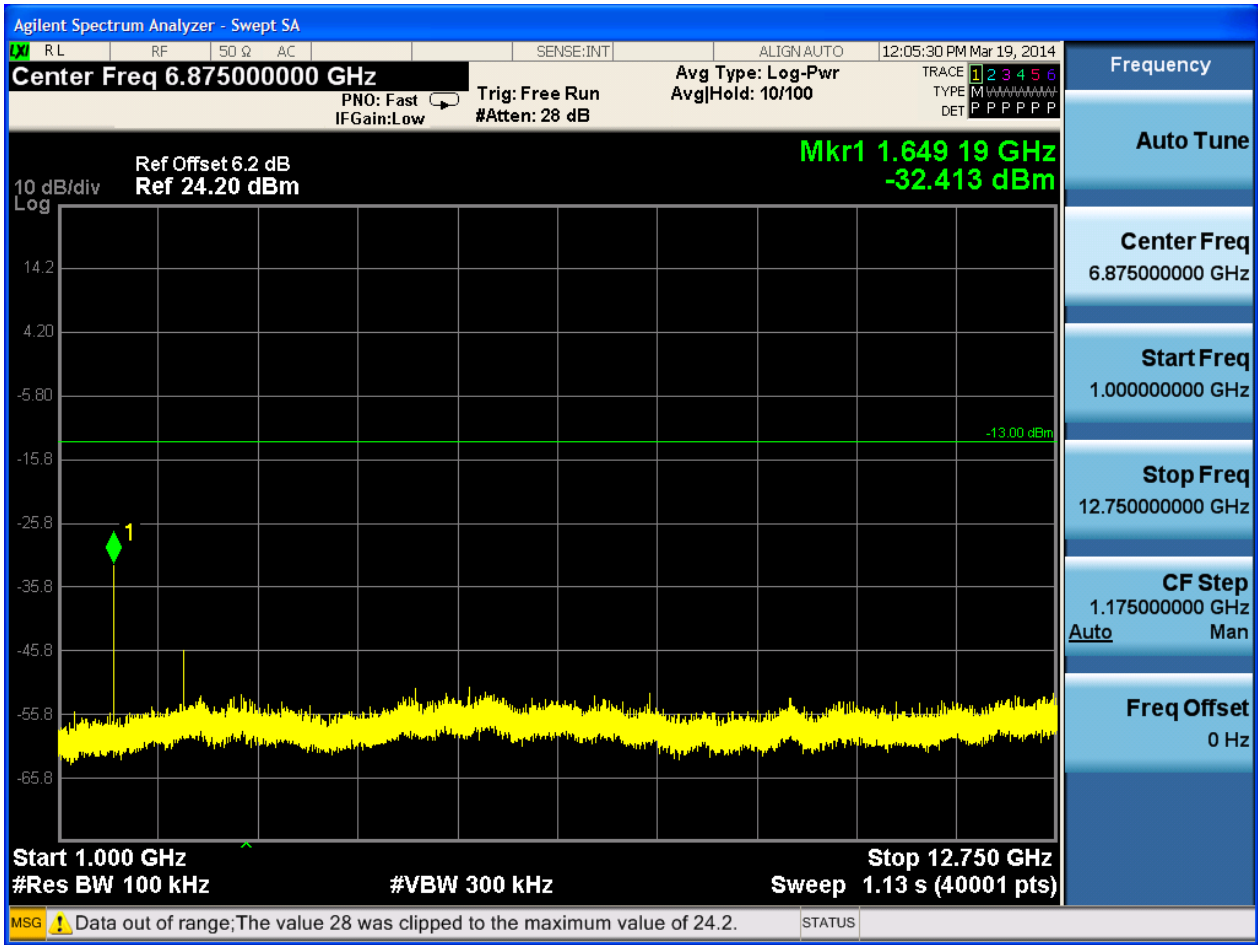
6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0



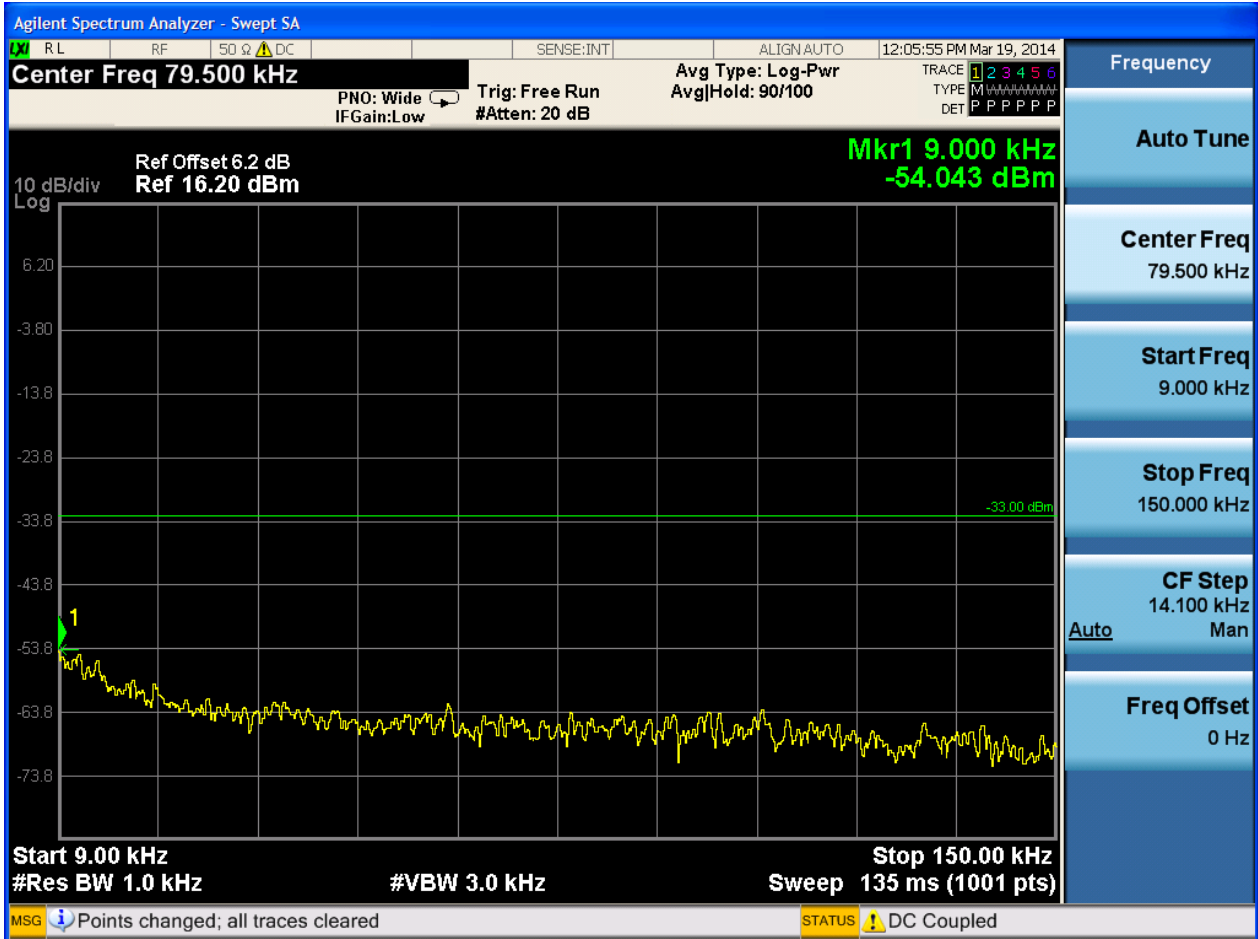


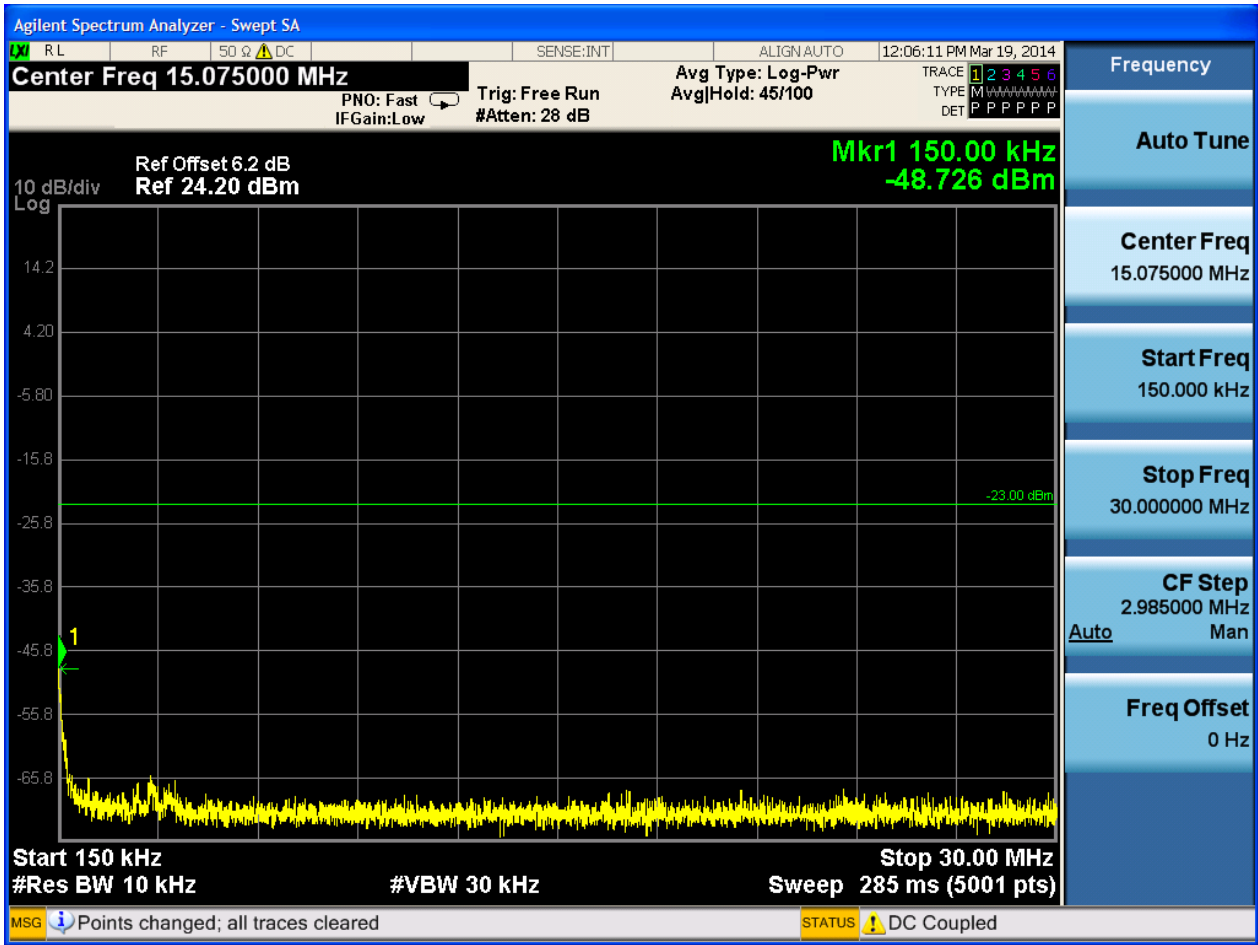


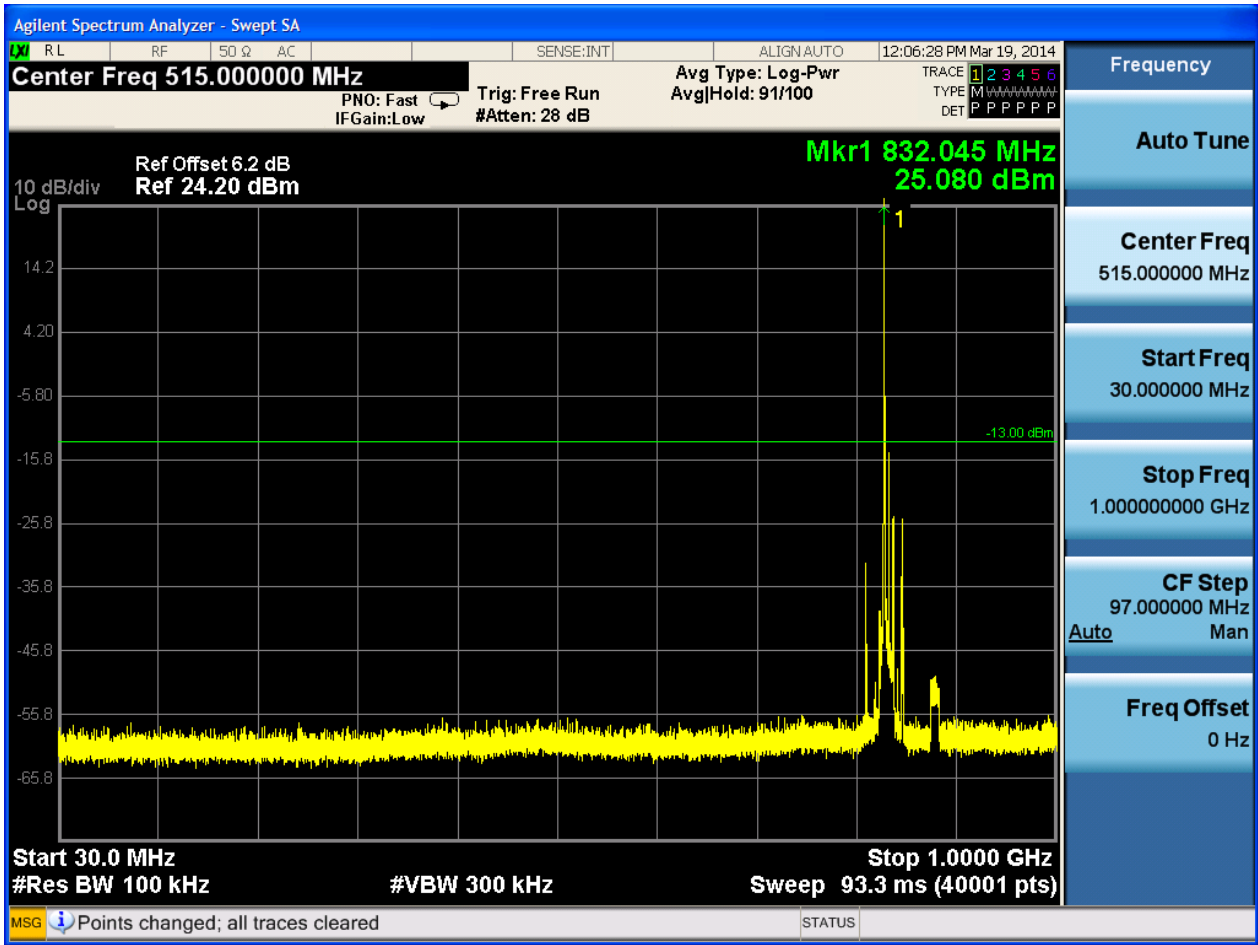


6.2.1.1.4.2 Test Channel = MCH

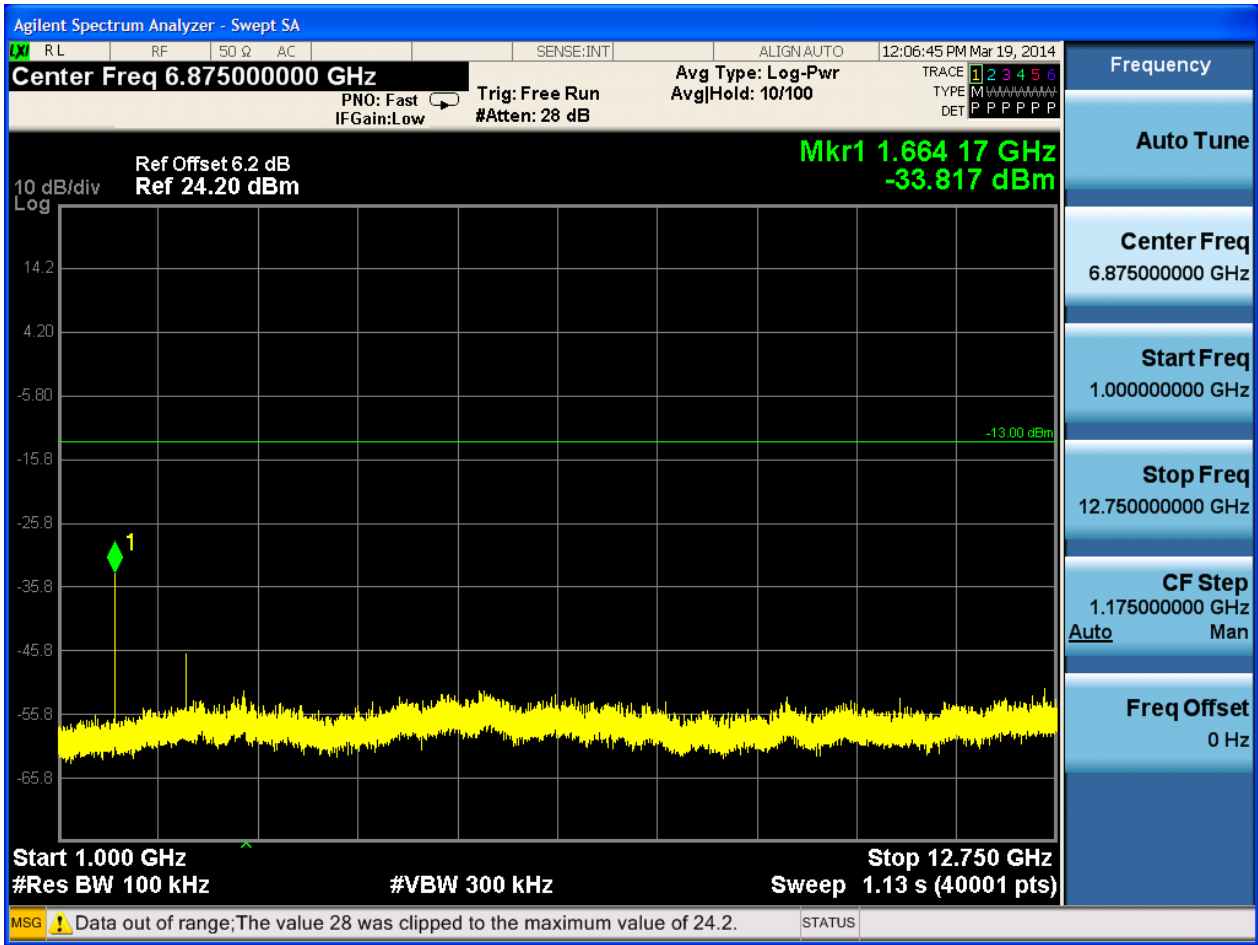
6.2.1.1.4.2.1 Test RB = RB1#0





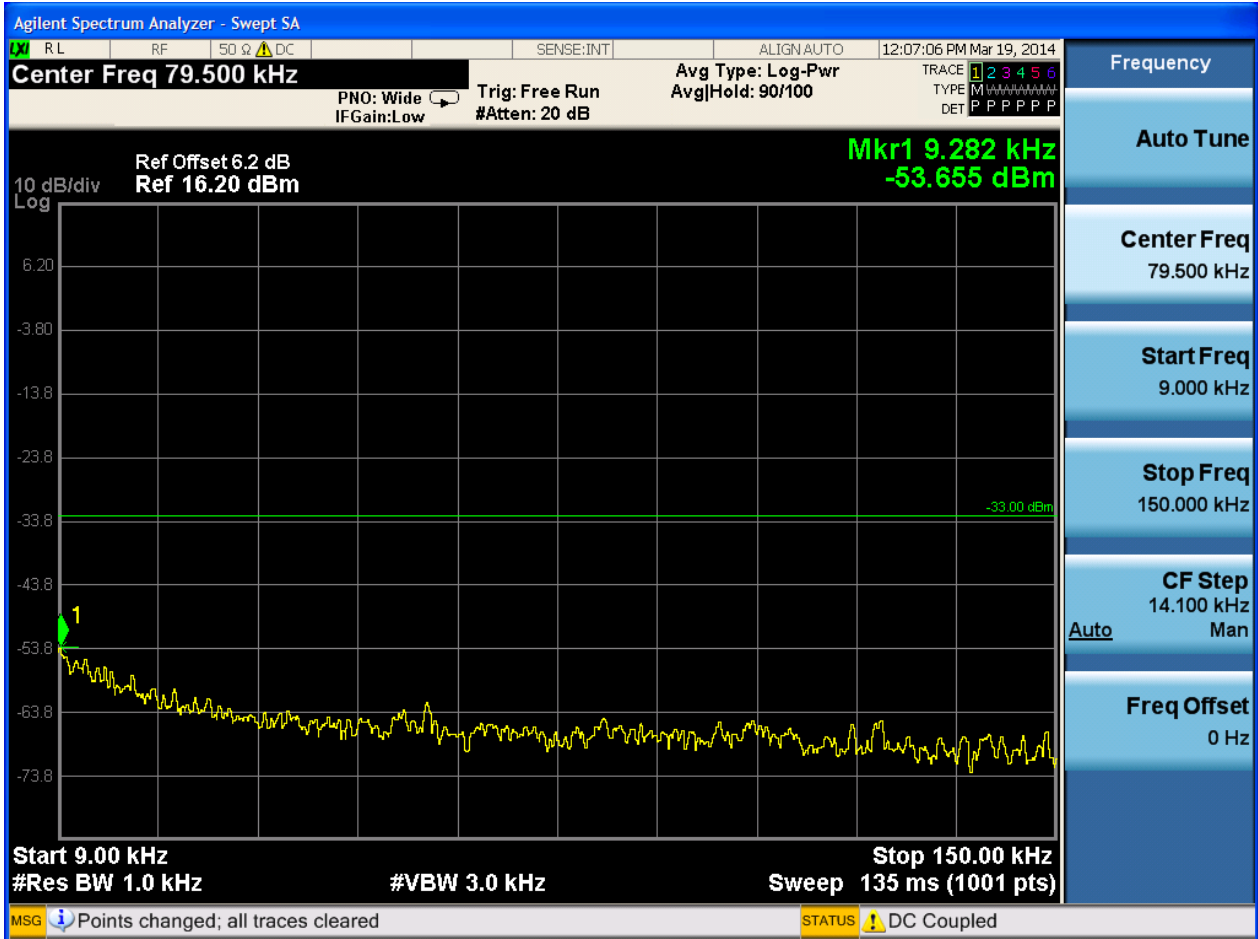


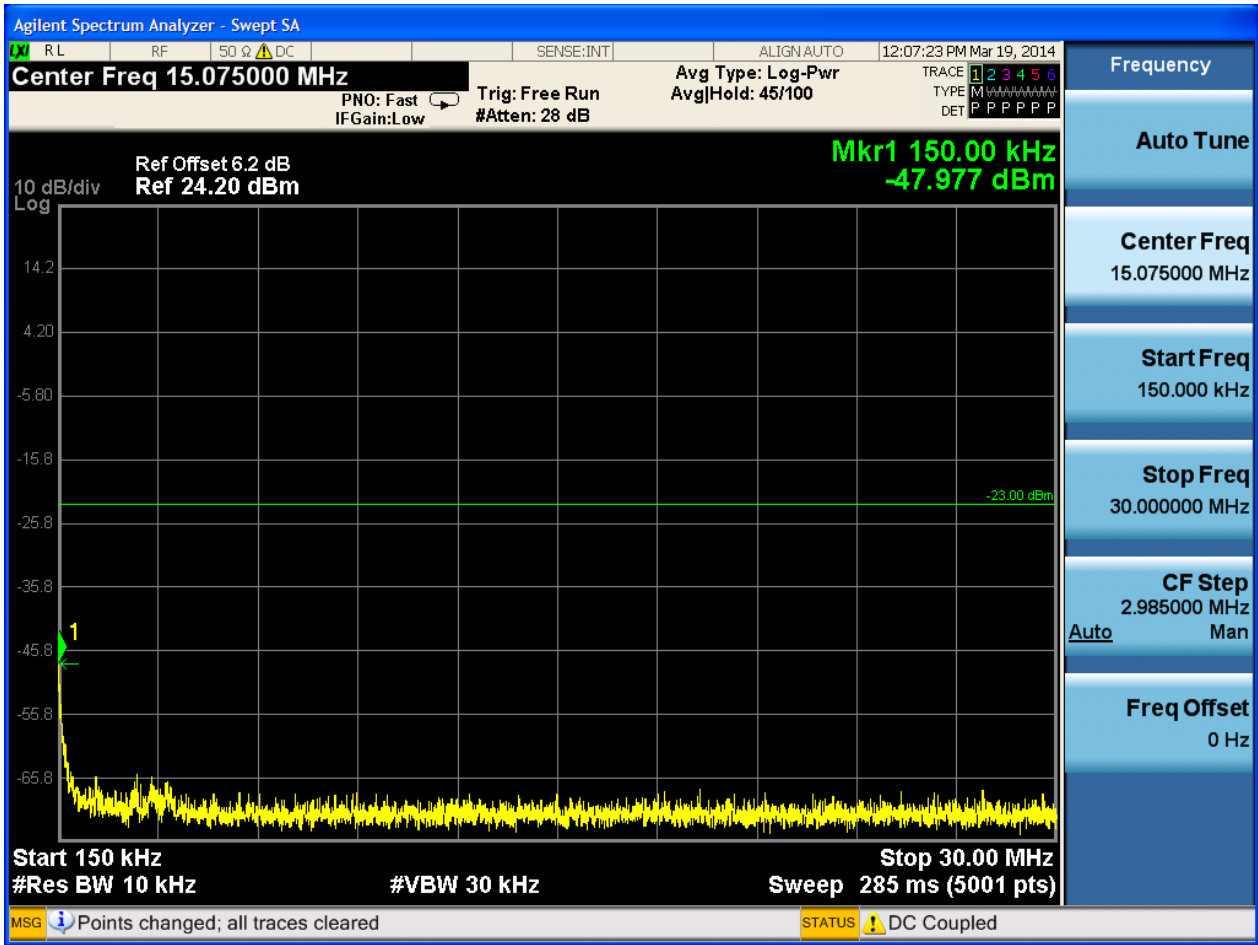


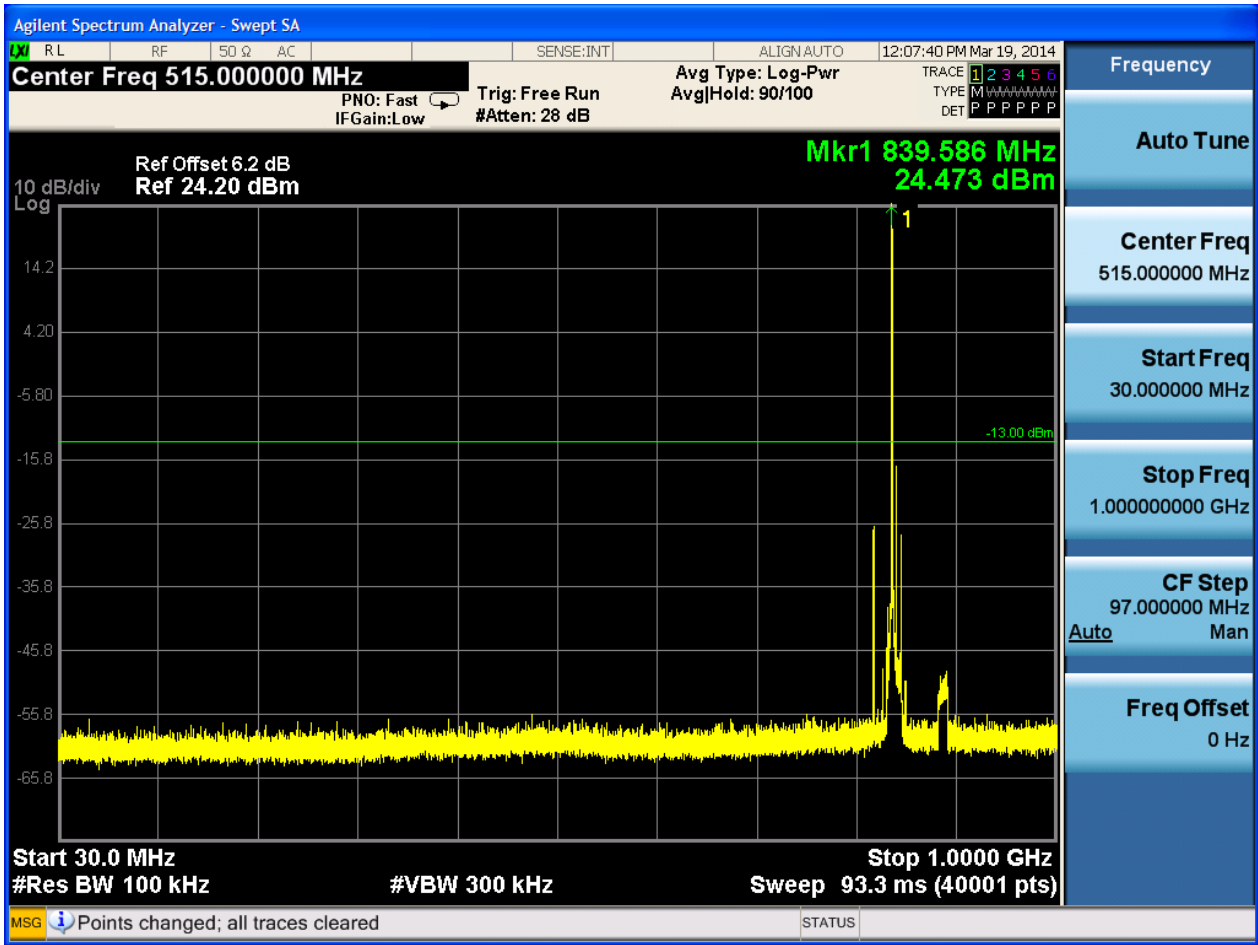


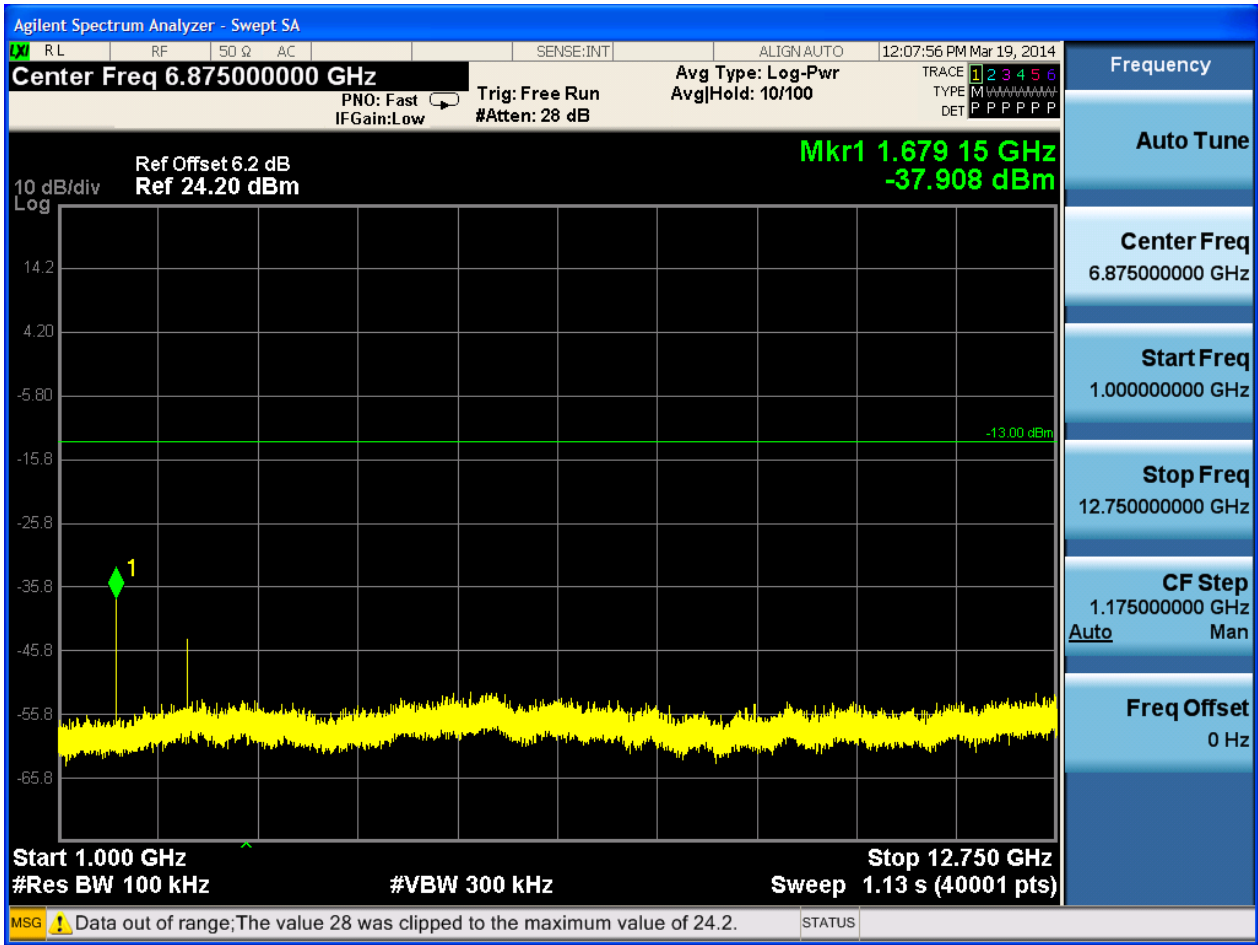
6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0









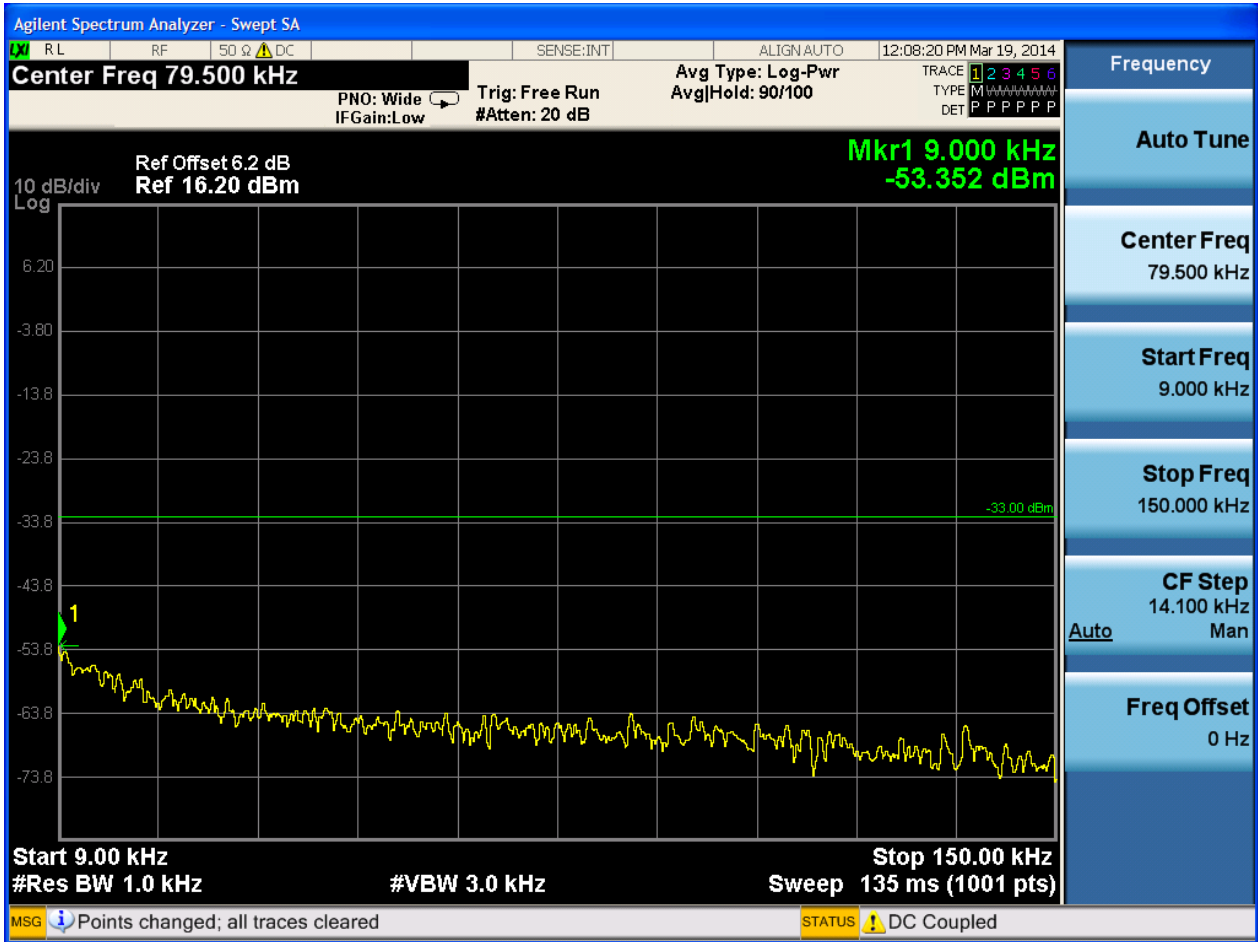


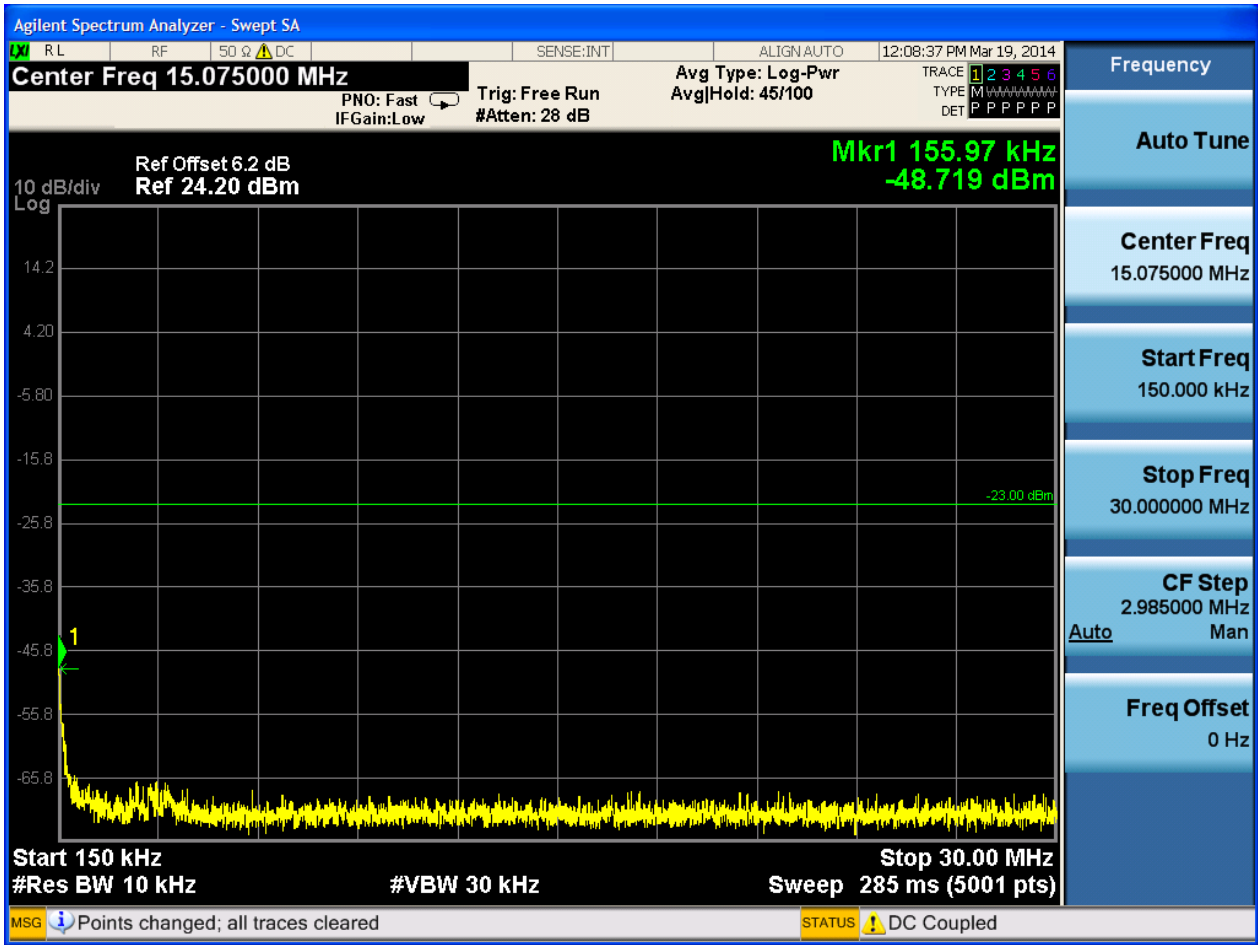
6.2.1.2 Test Mode = LTE/TM2

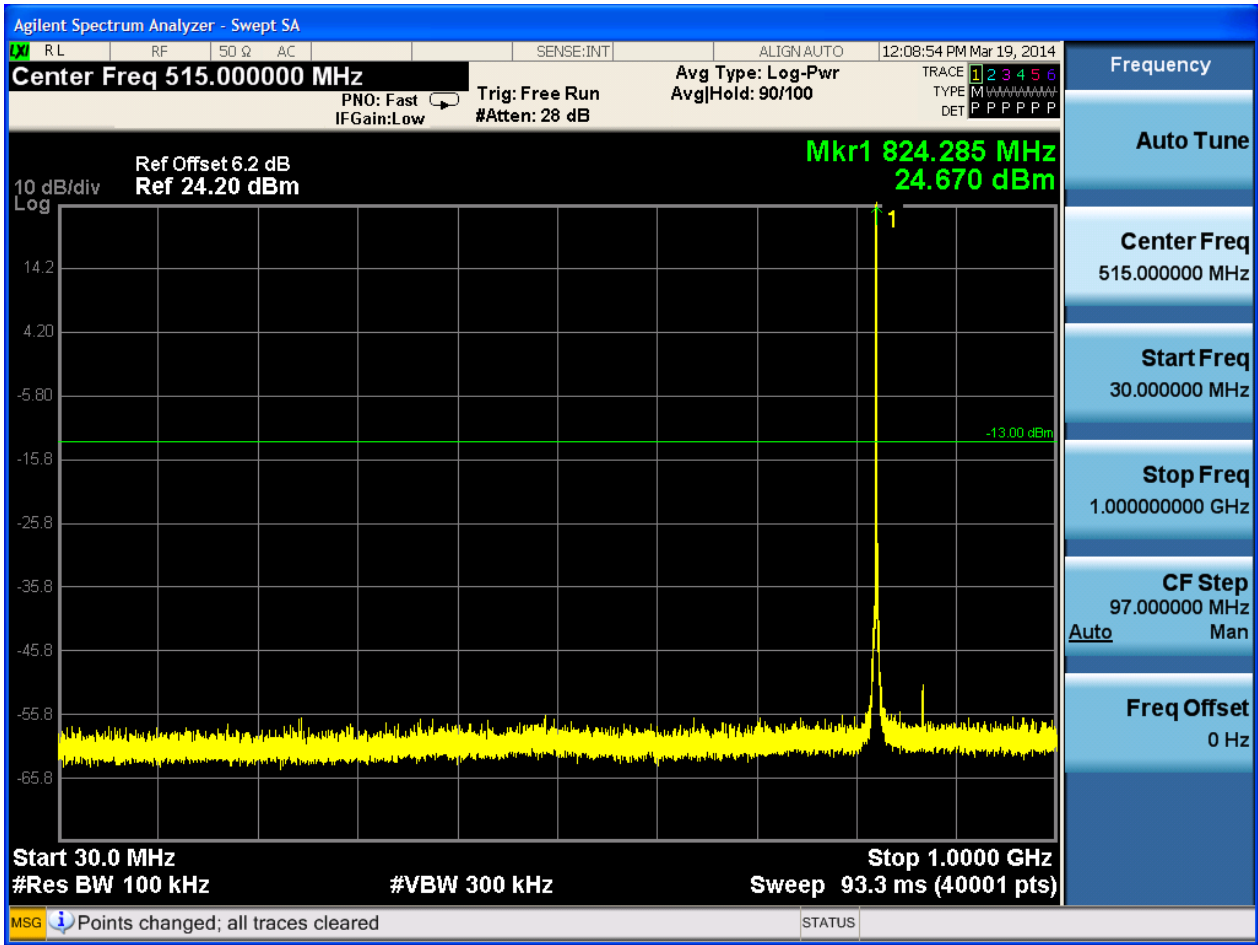
6.2.1.2.1 Test Bandwidth = 1.4

6.2.1.2.1.1 Test Channel = LCH

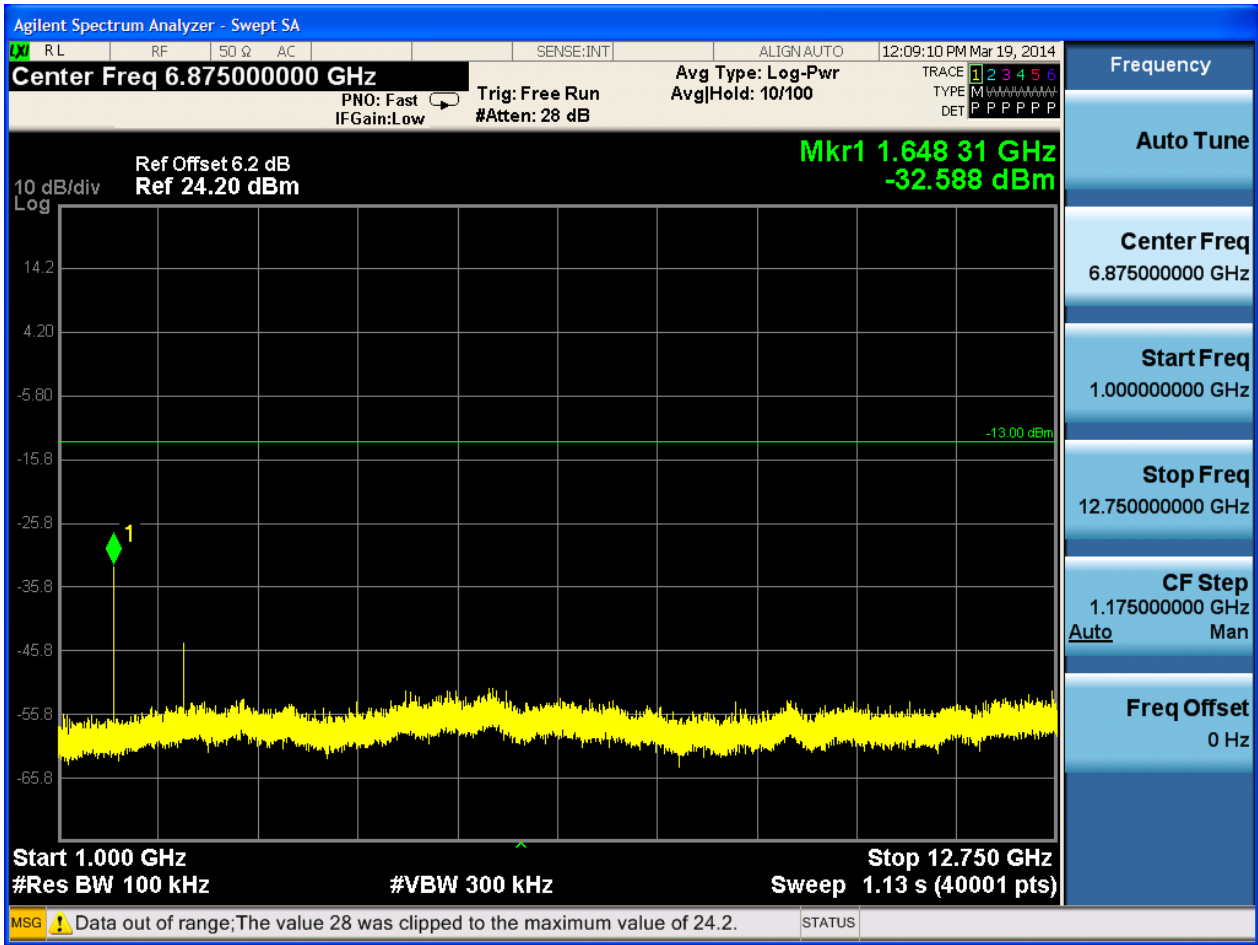
6.2.1.2.1.1.1 Test RB = RB1#0







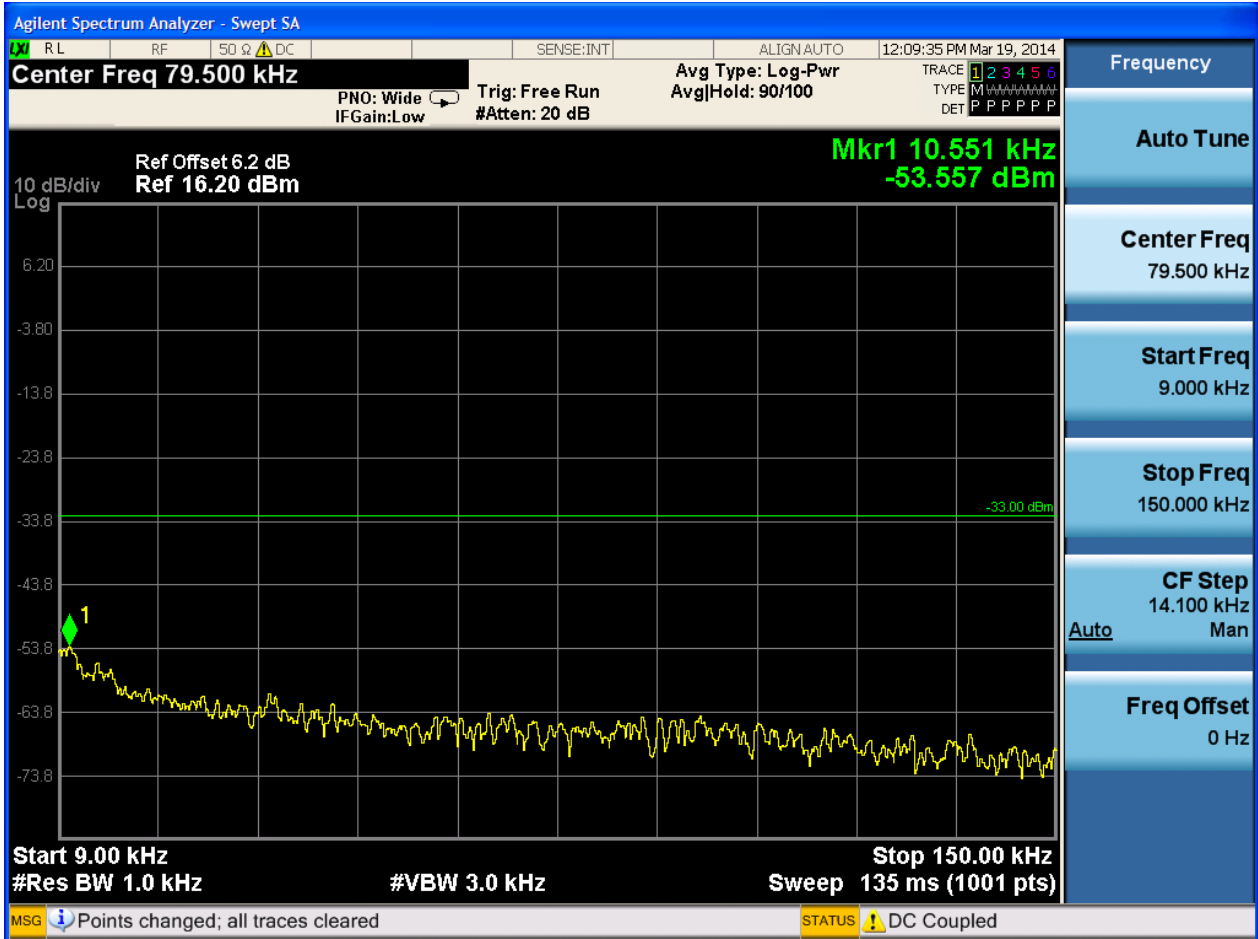


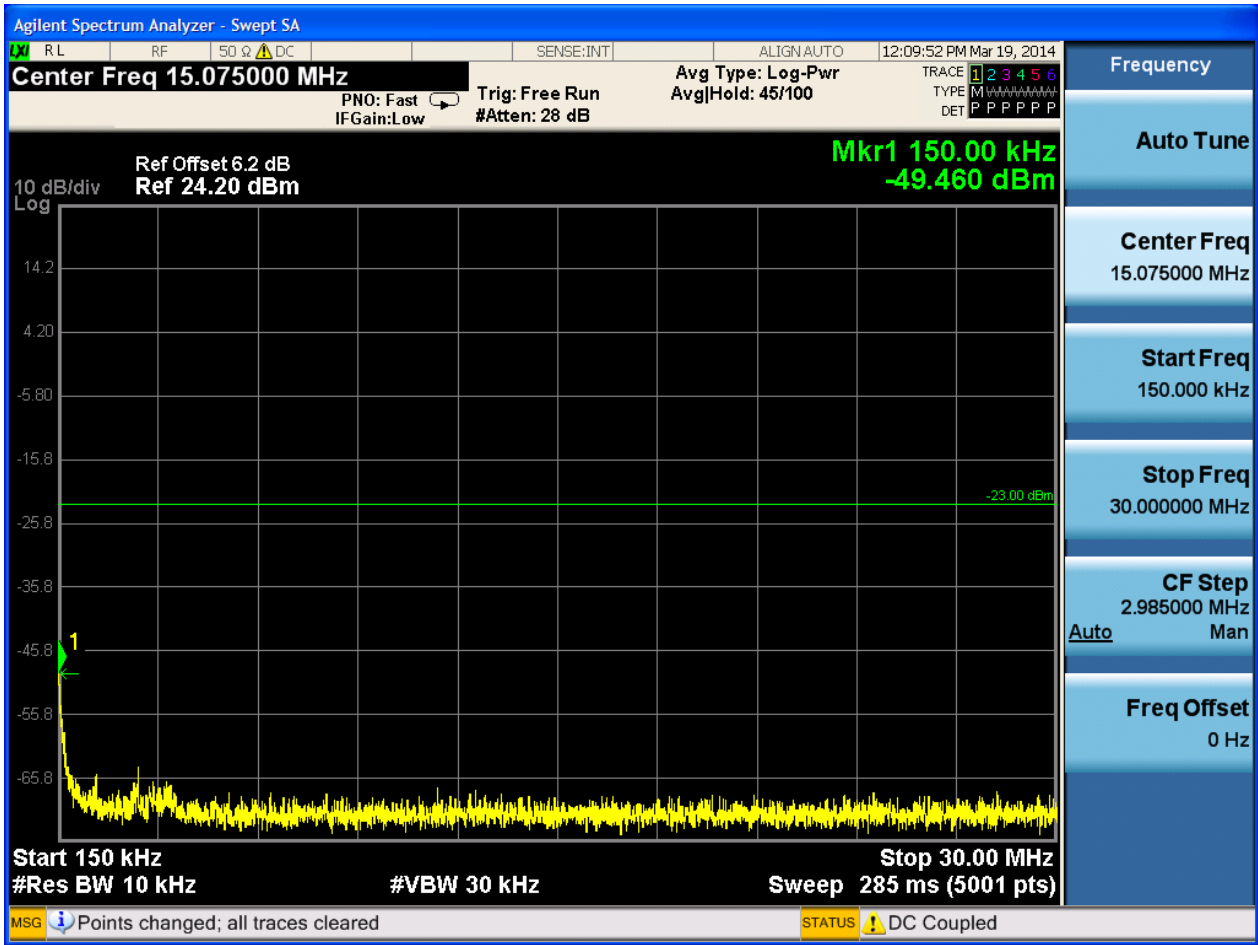


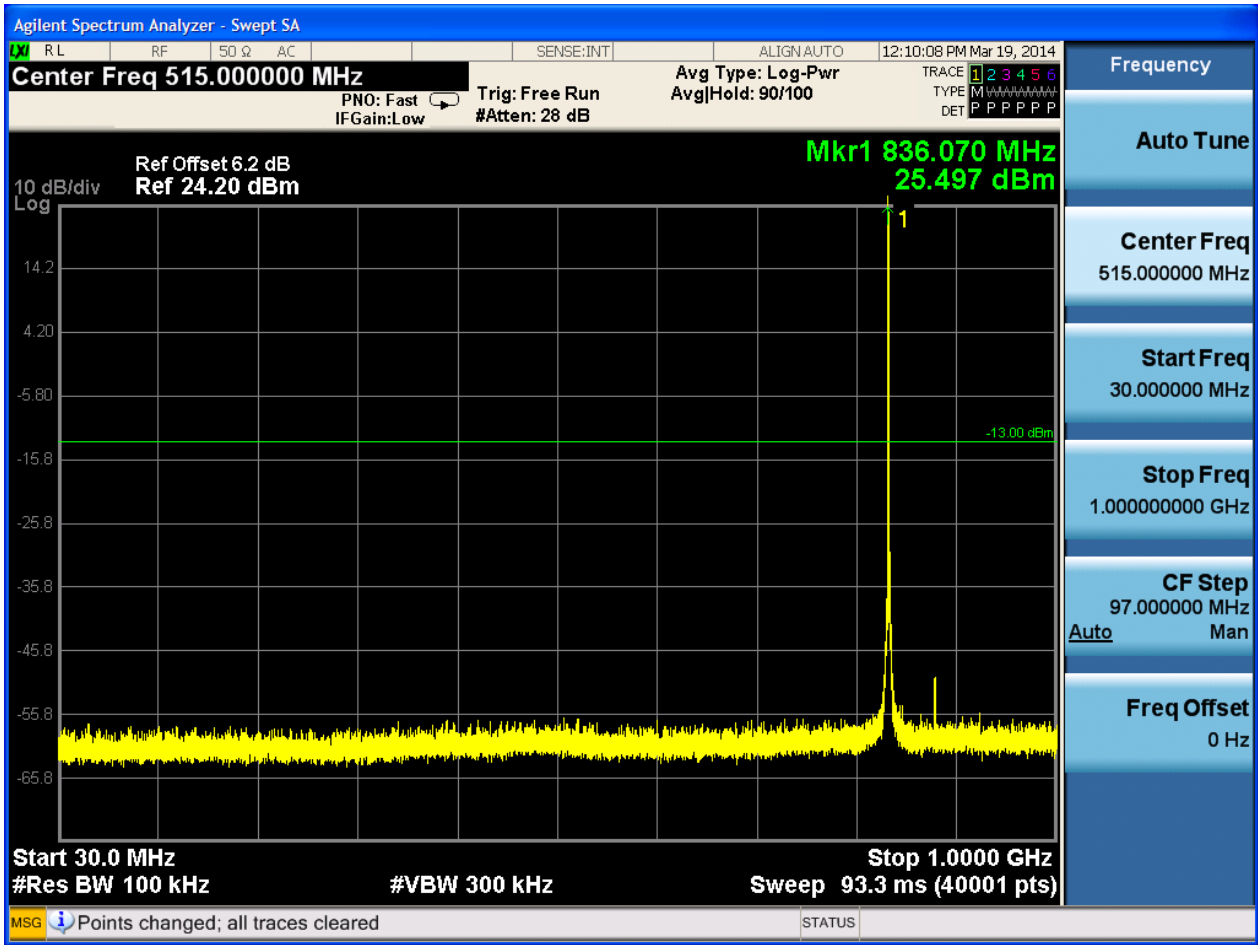


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



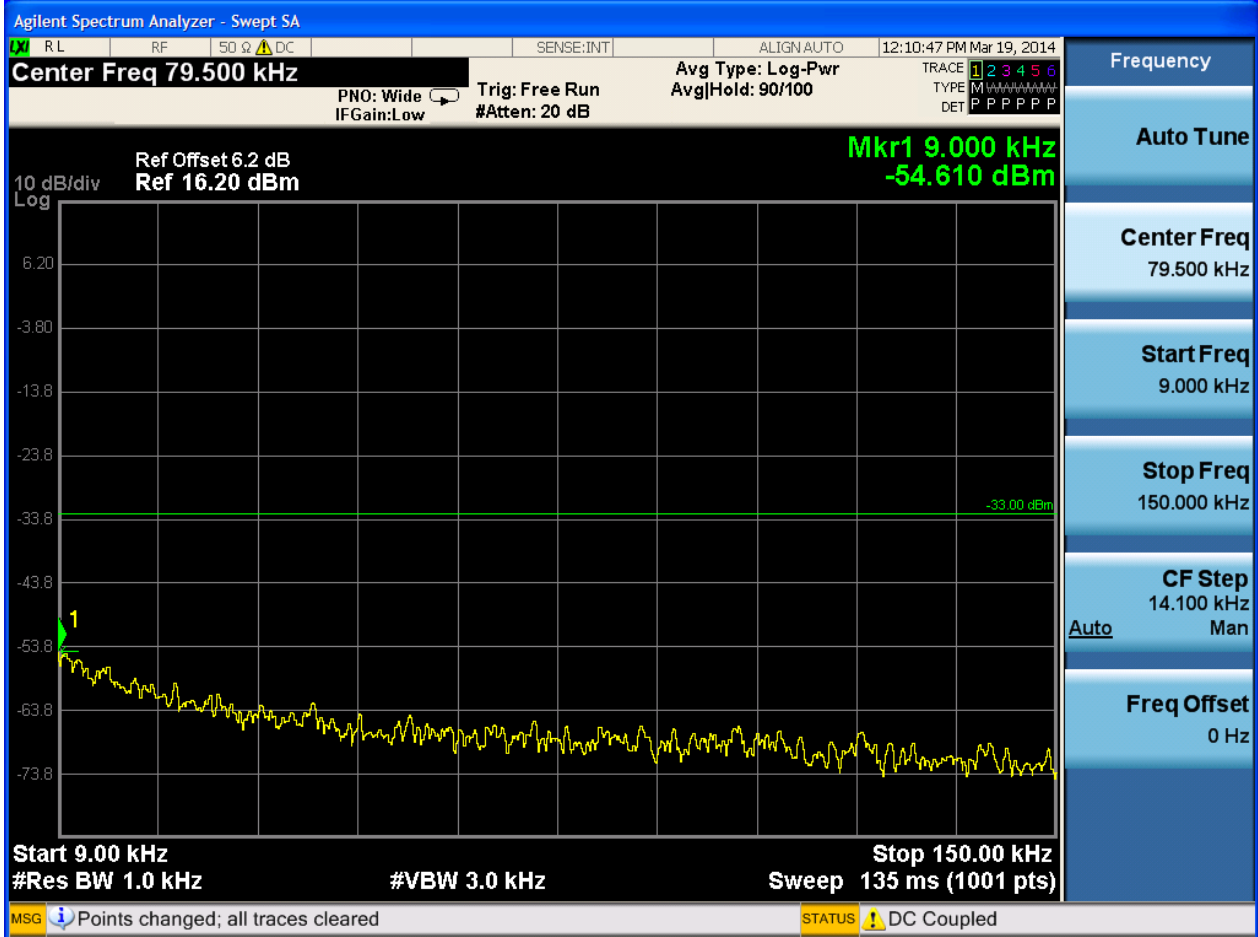


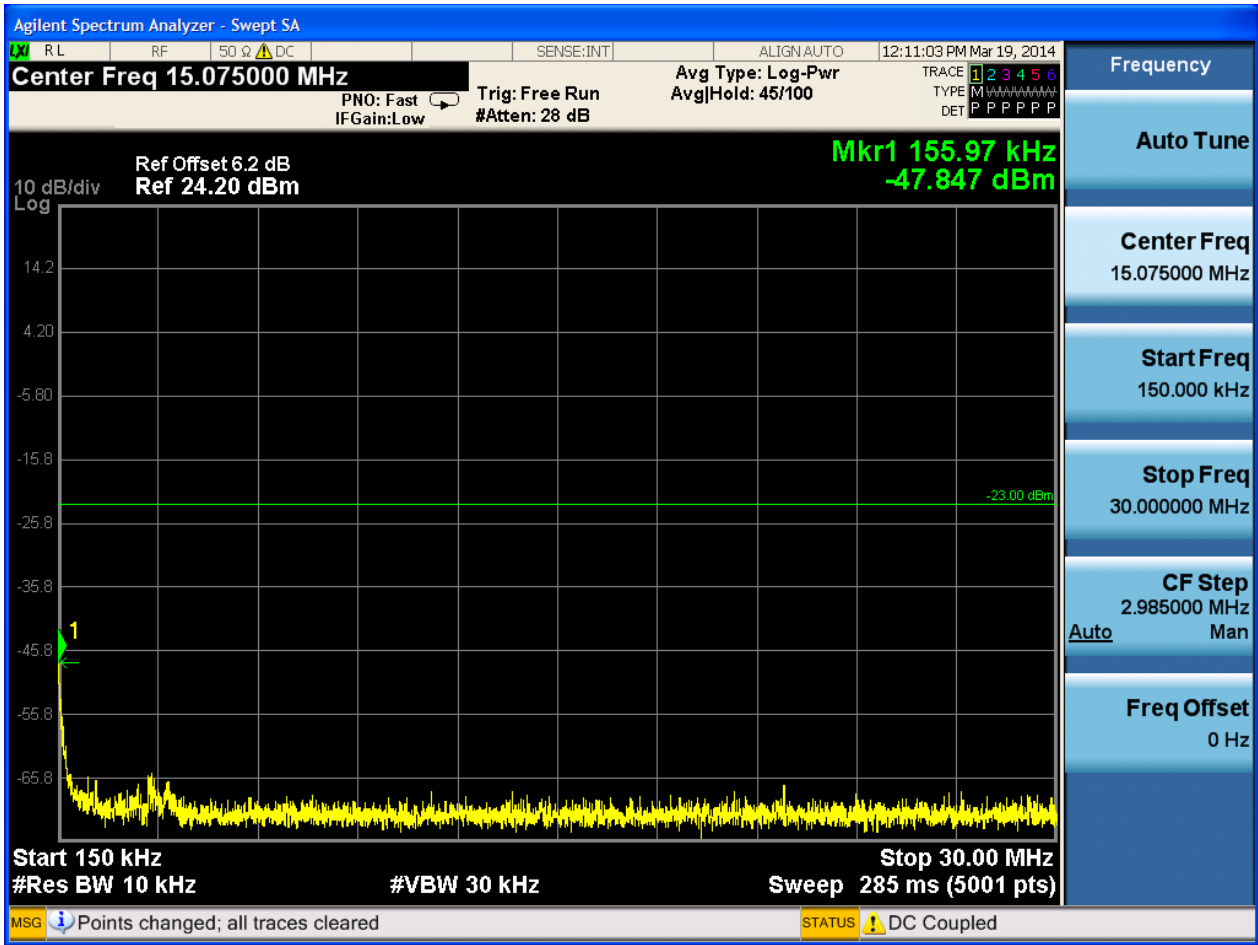


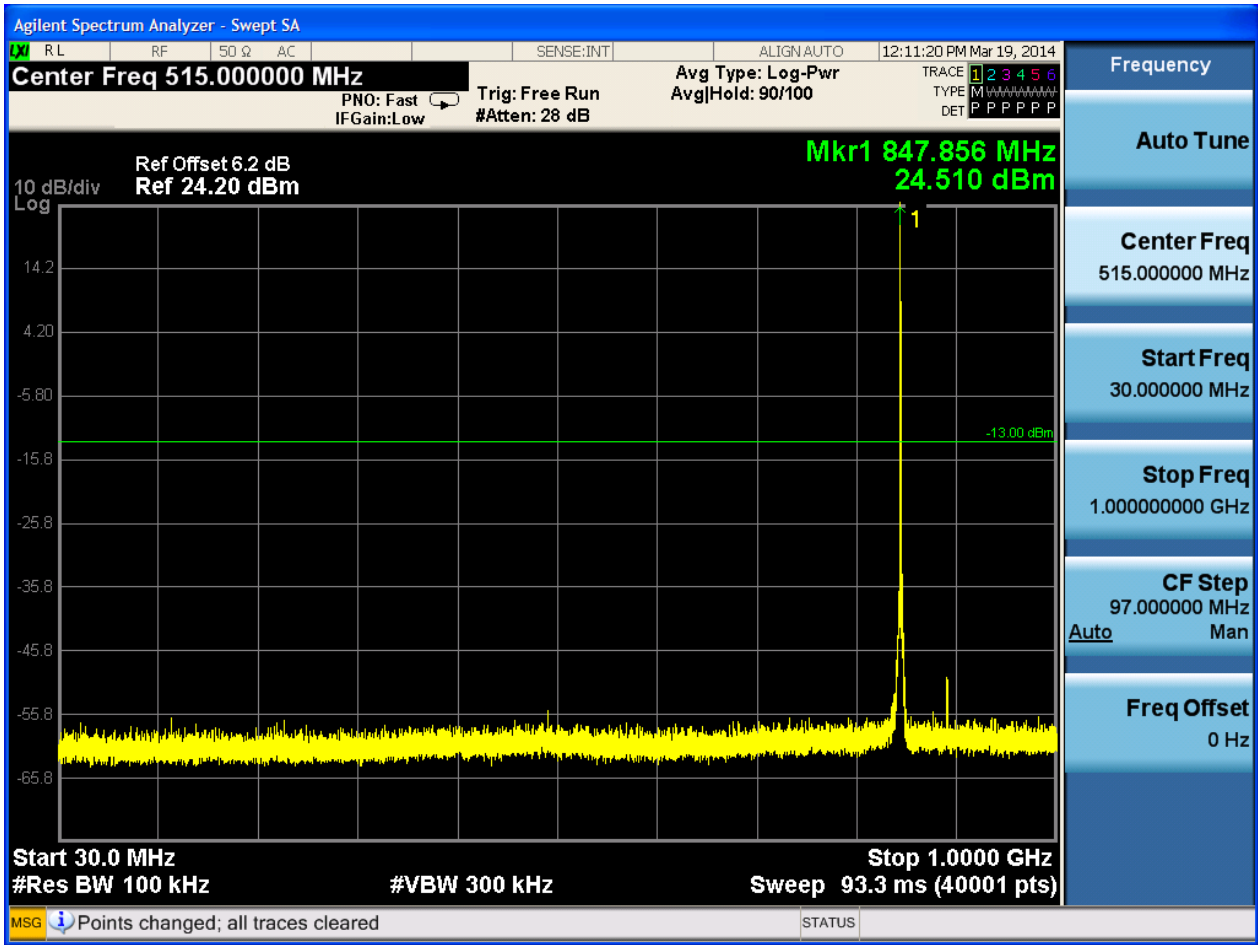


6.2.1.2.1.3 Test Channel = HCH

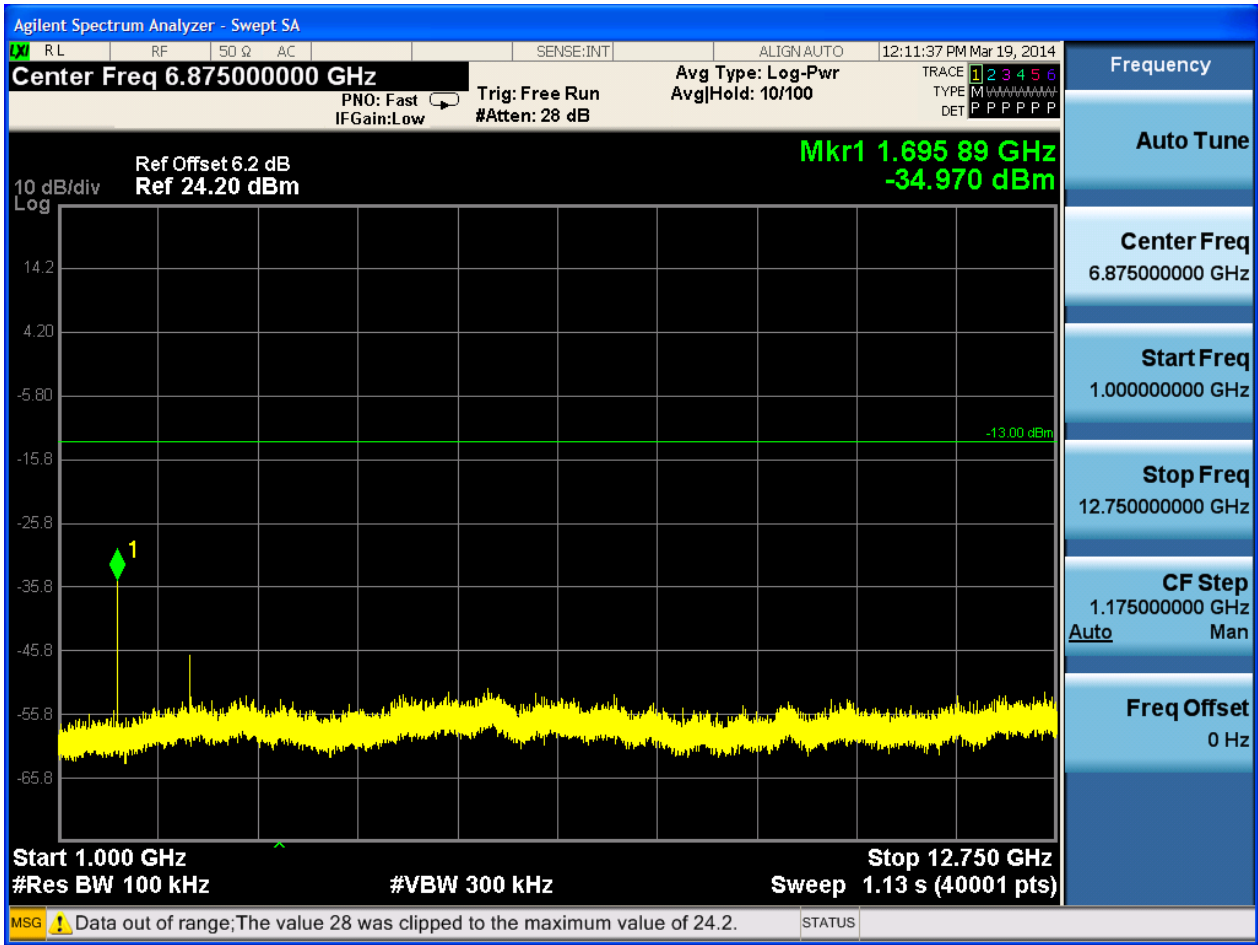
6.2.1.2.1.3.1 Test RB = RB1#0









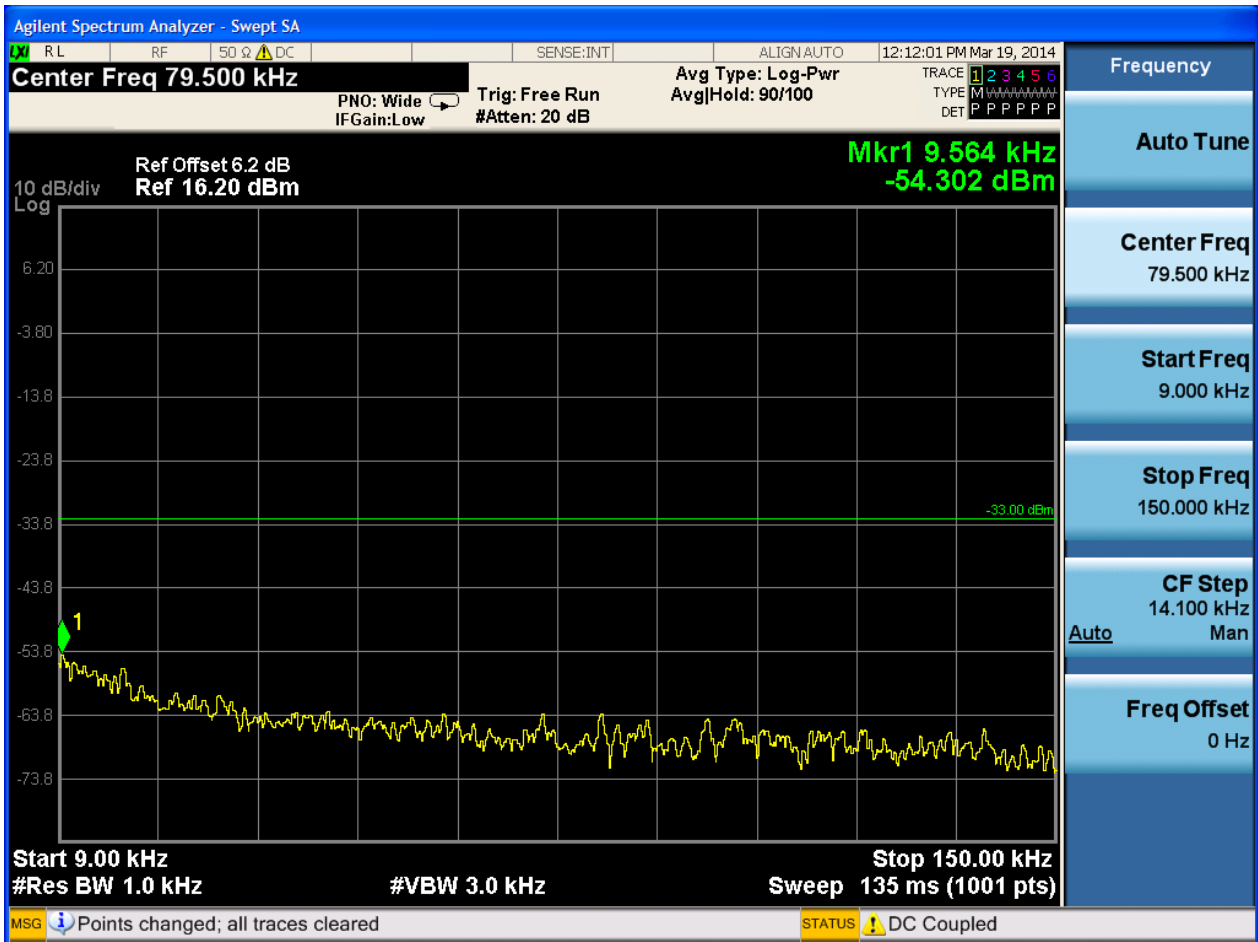


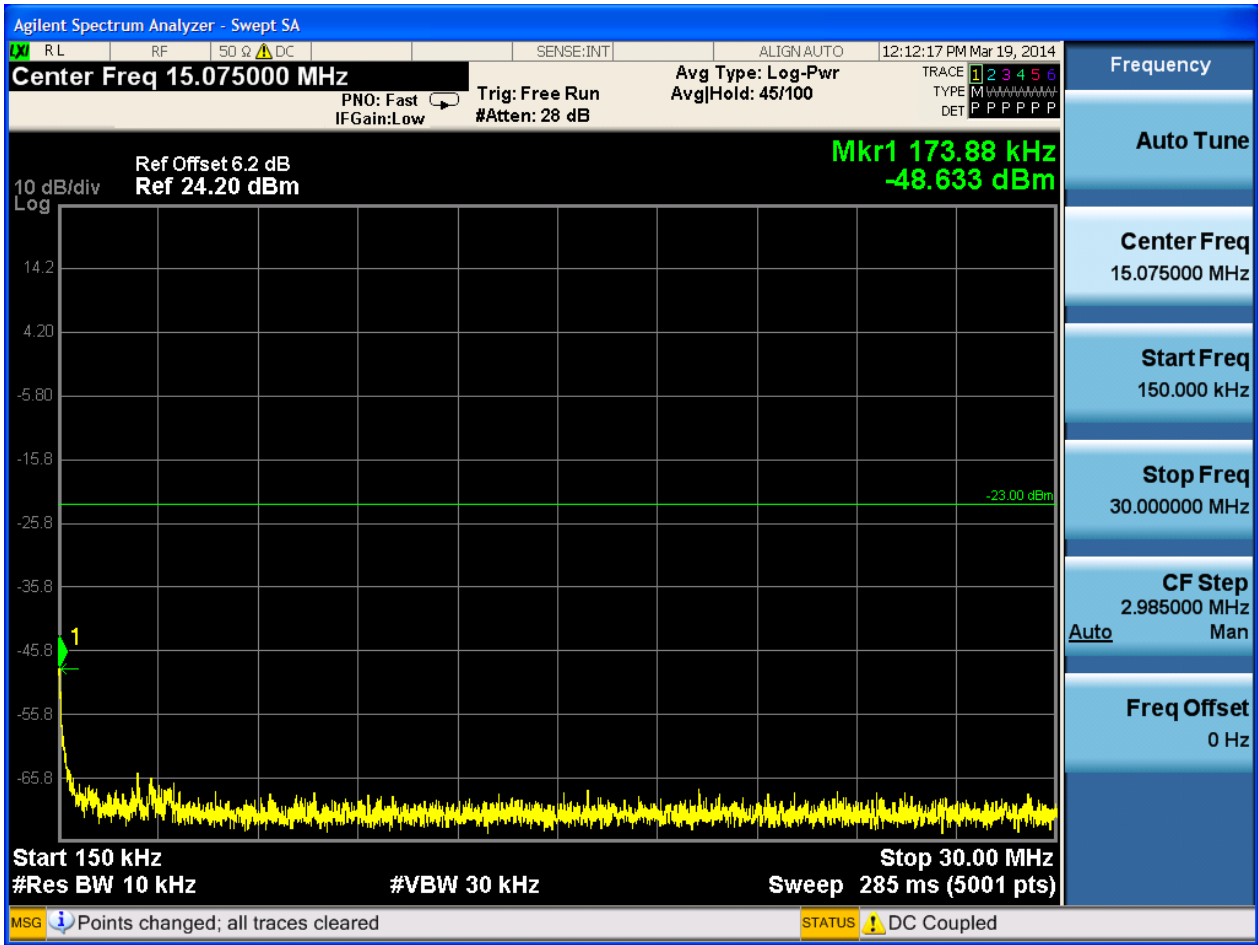


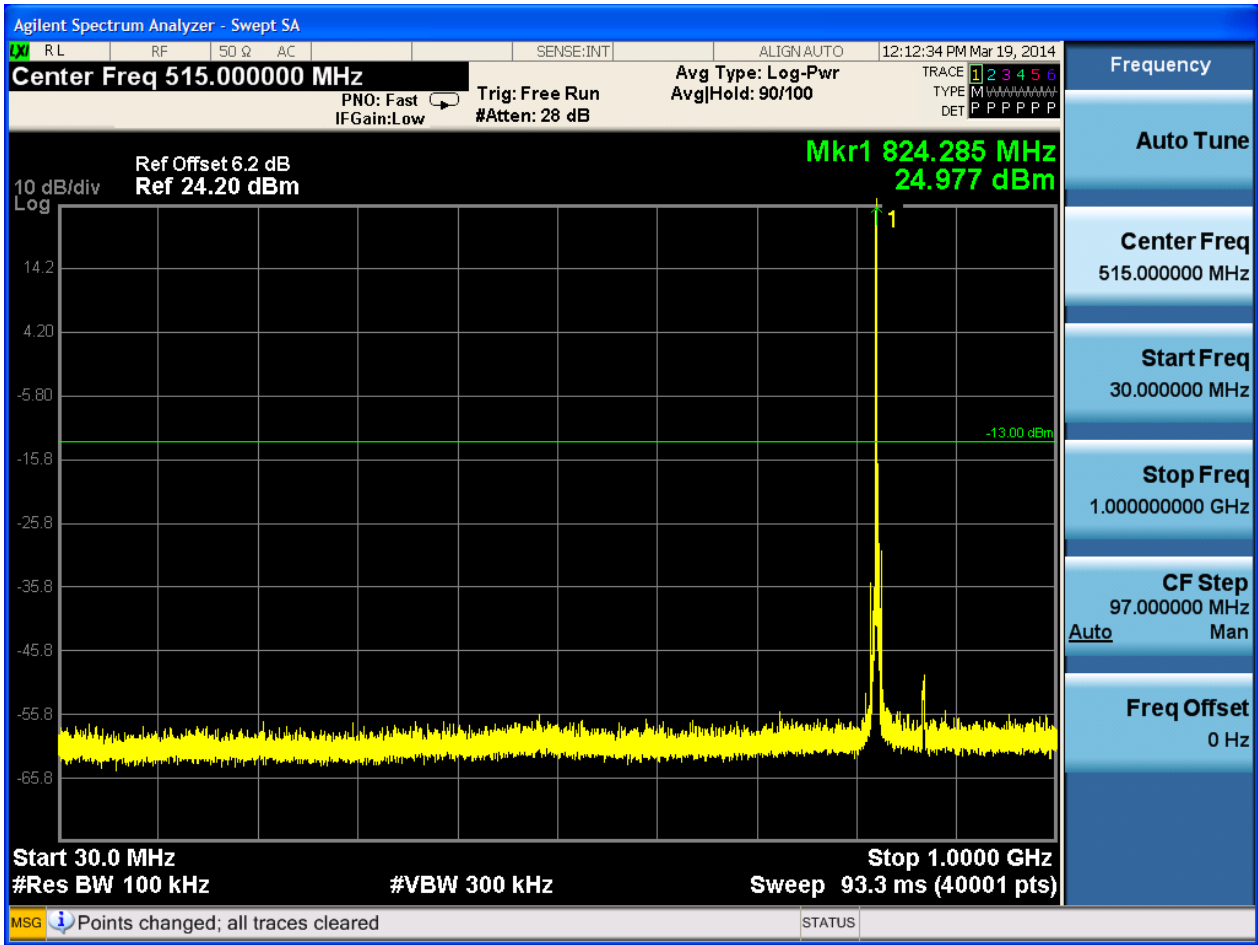
6.2.1.2.2 Test Bandwidth = 3

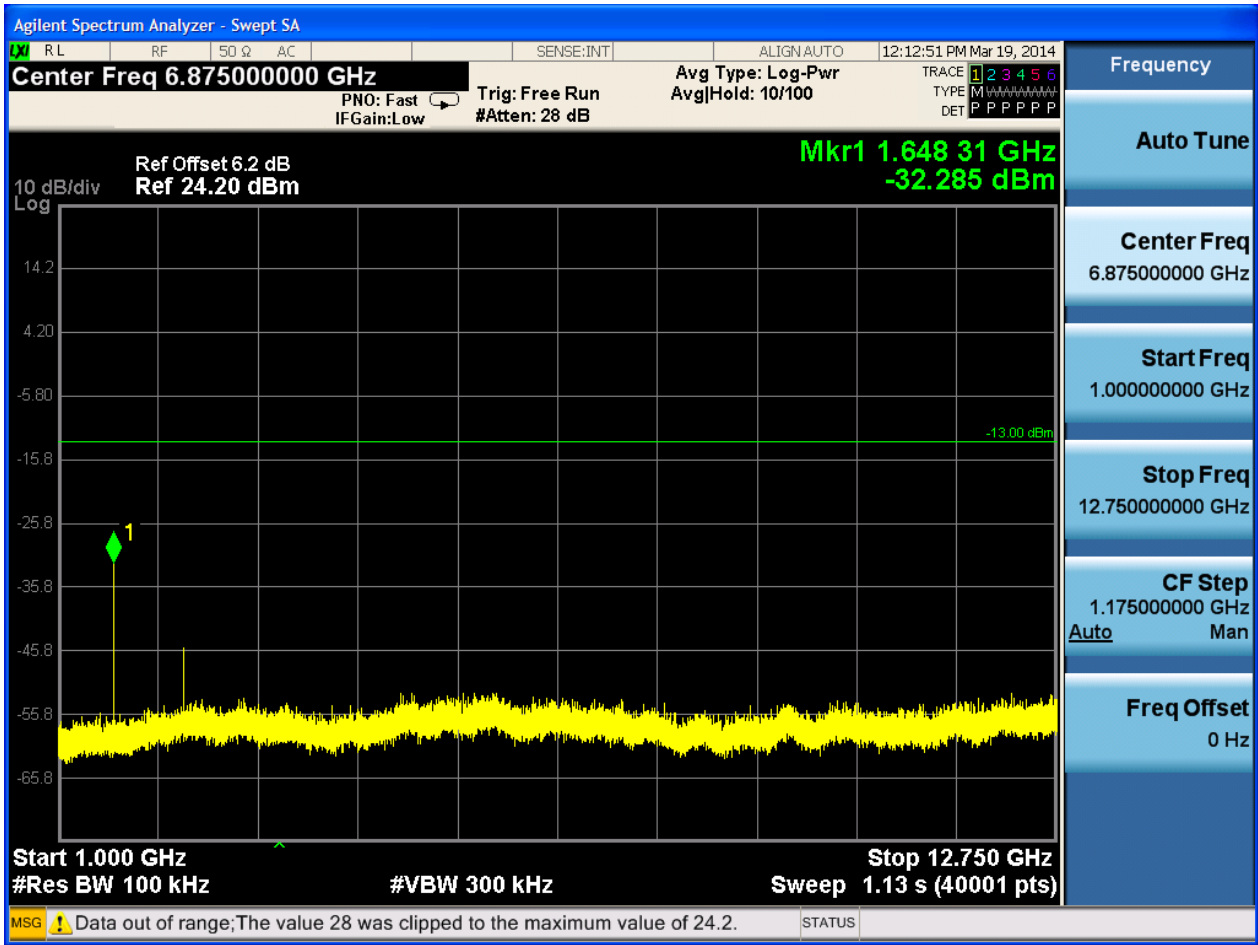
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0





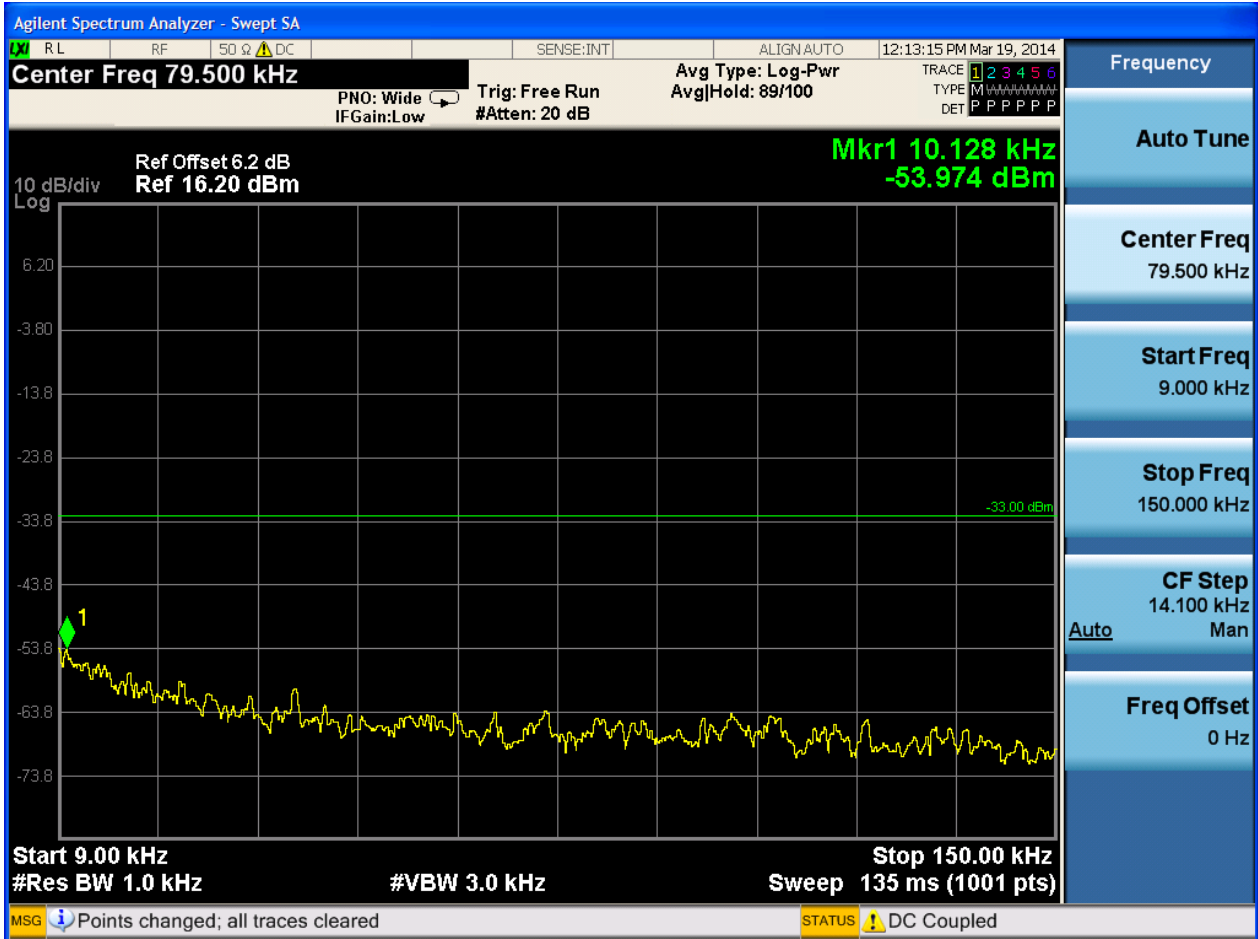


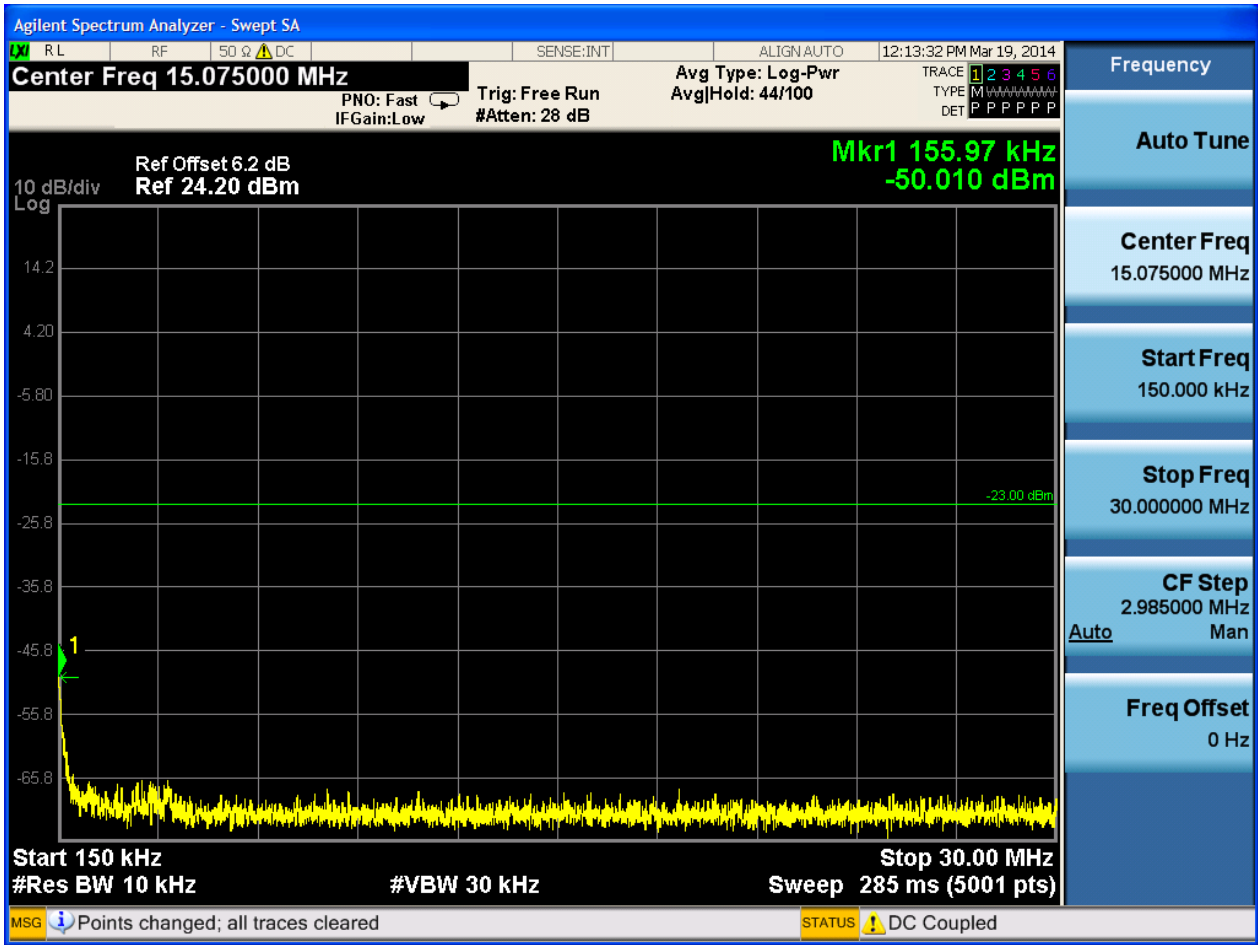


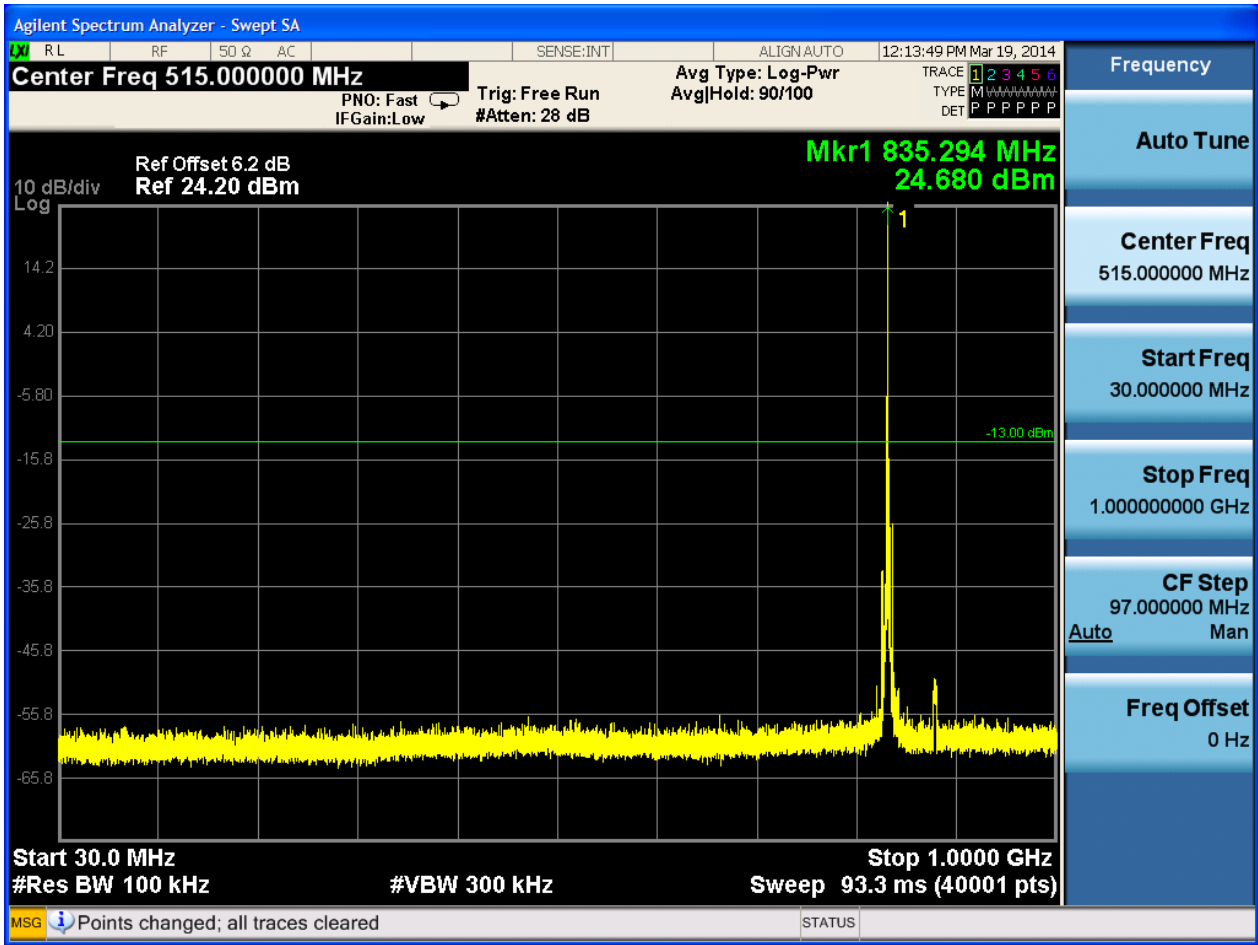


6.2.1.2.2.2 Test Channel = MCH

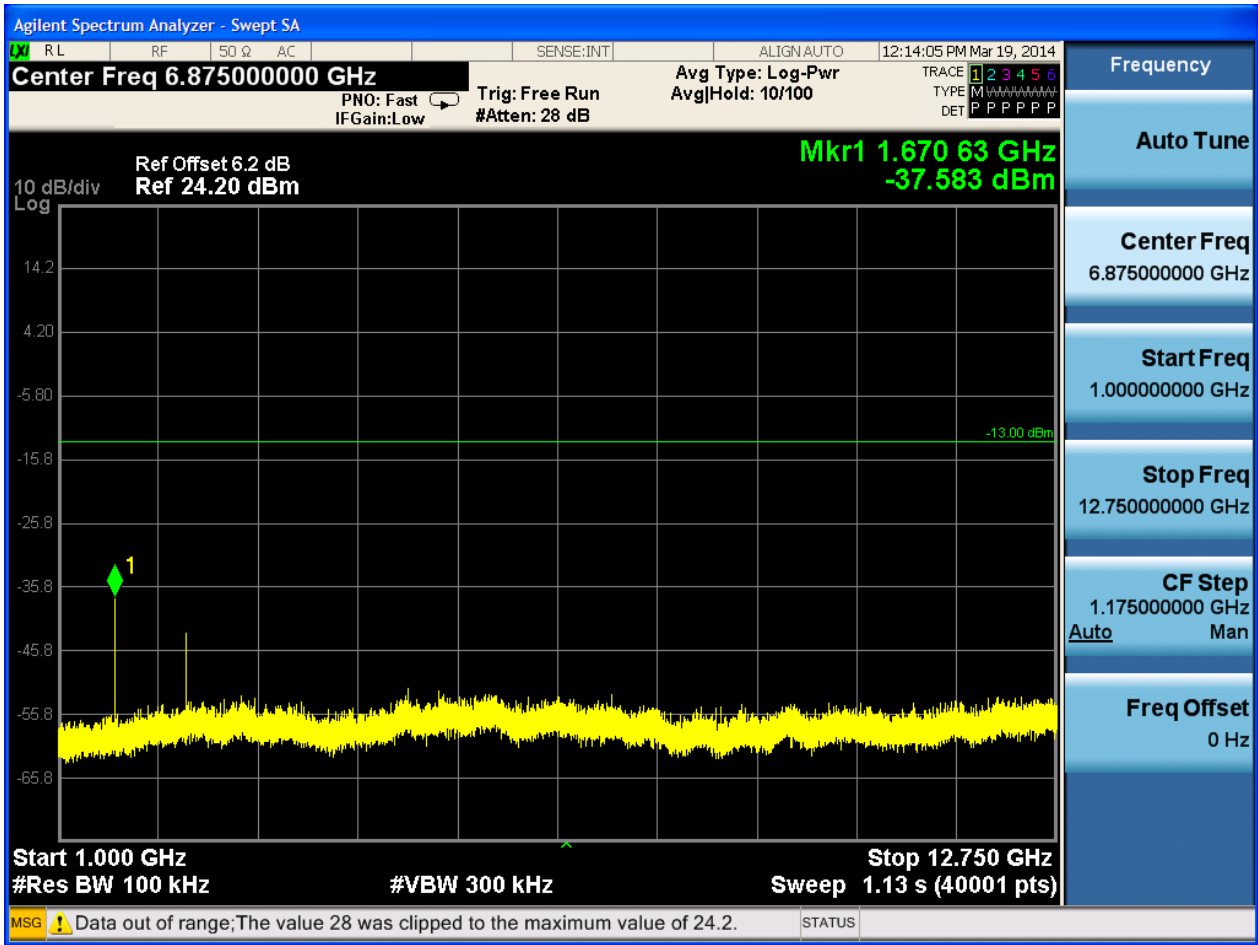
6.2.1.2.2.2.1 Test RB = RB1#0







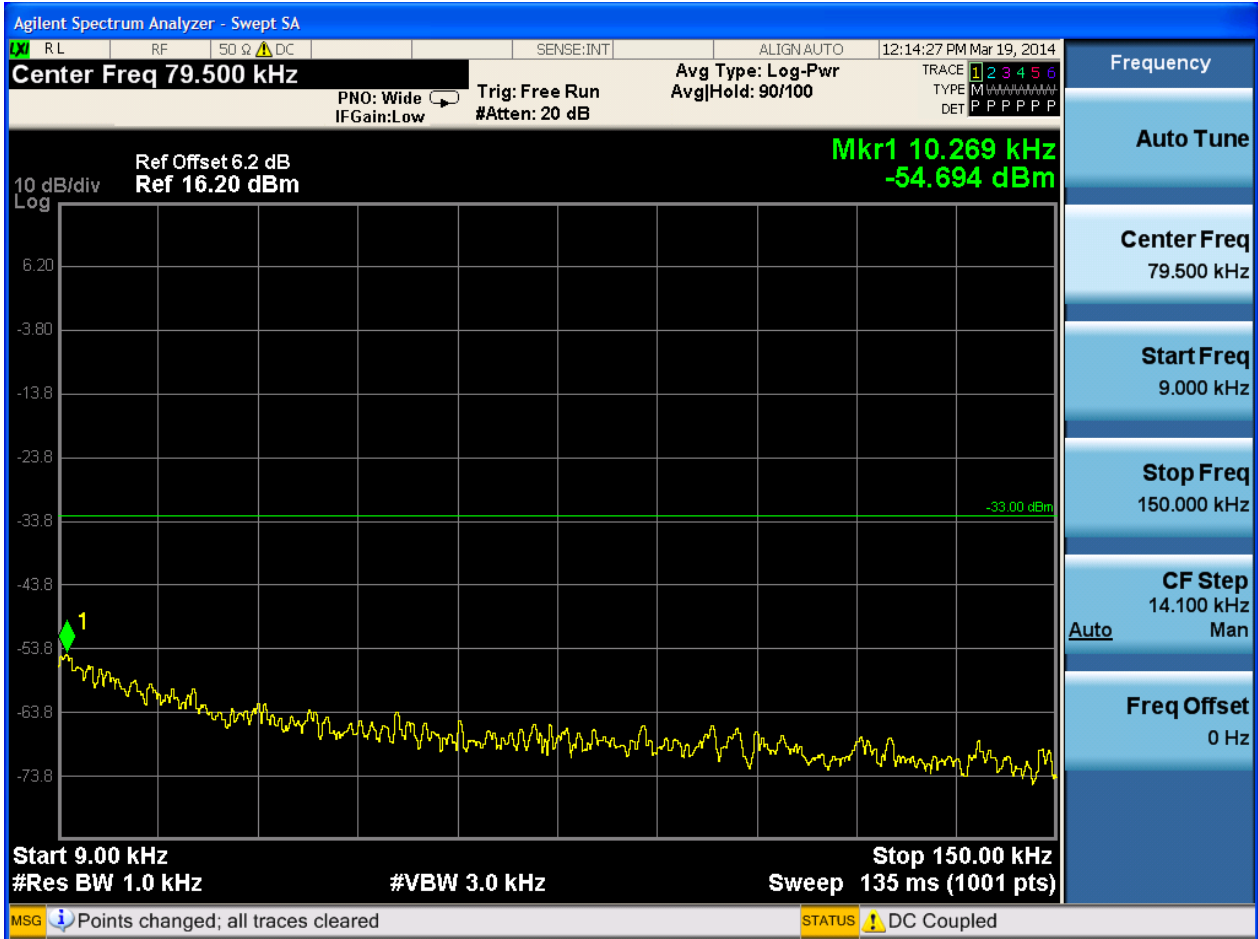


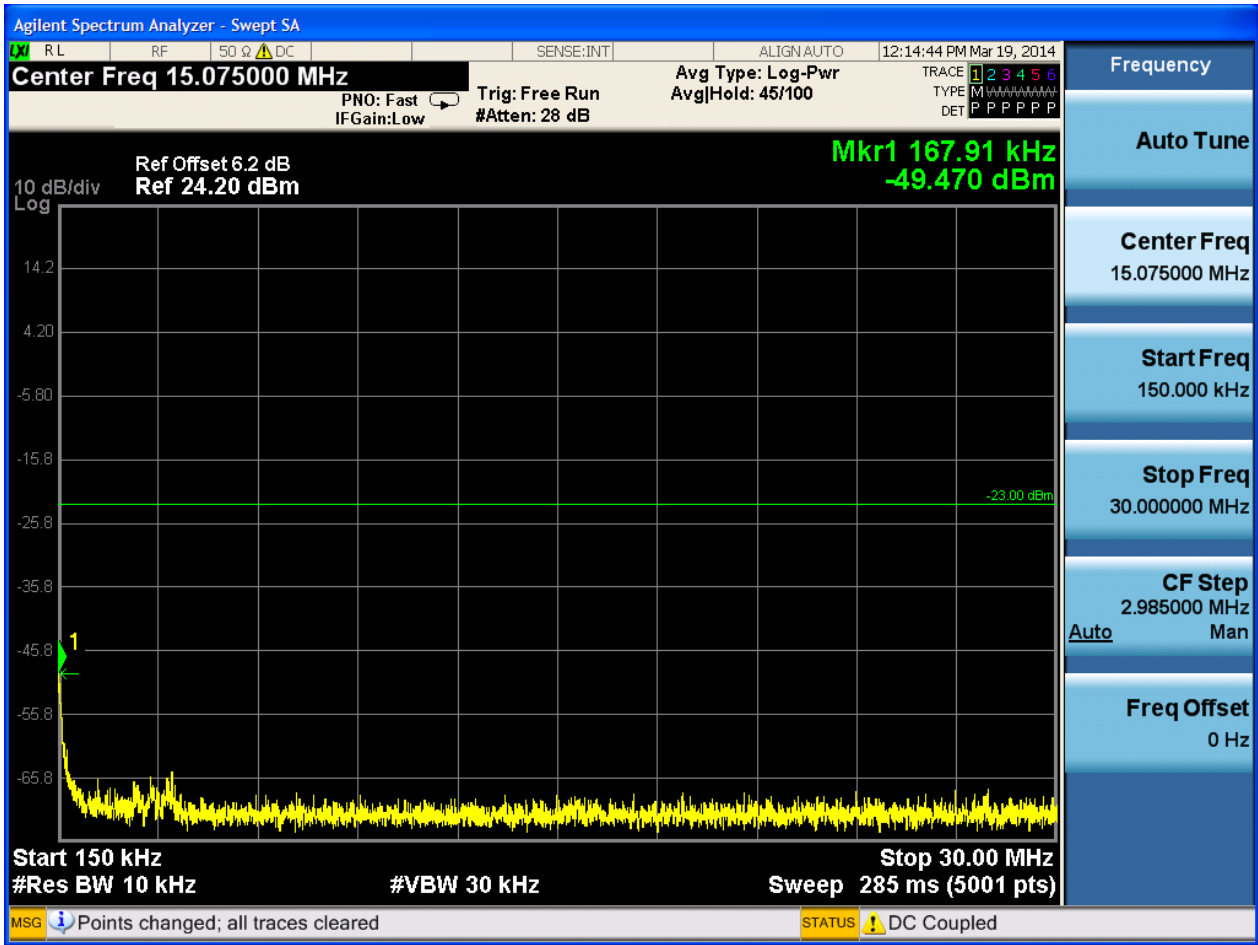


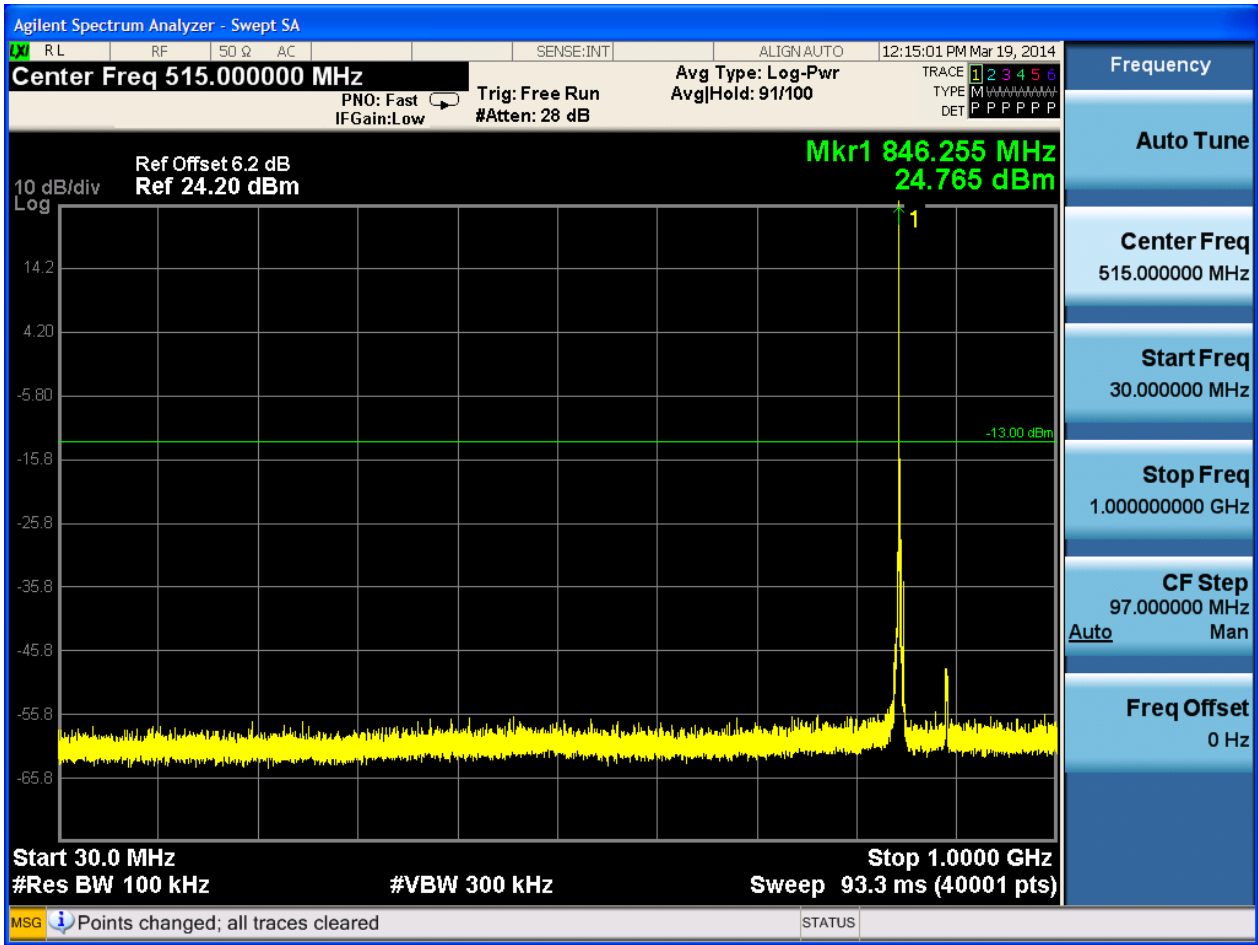


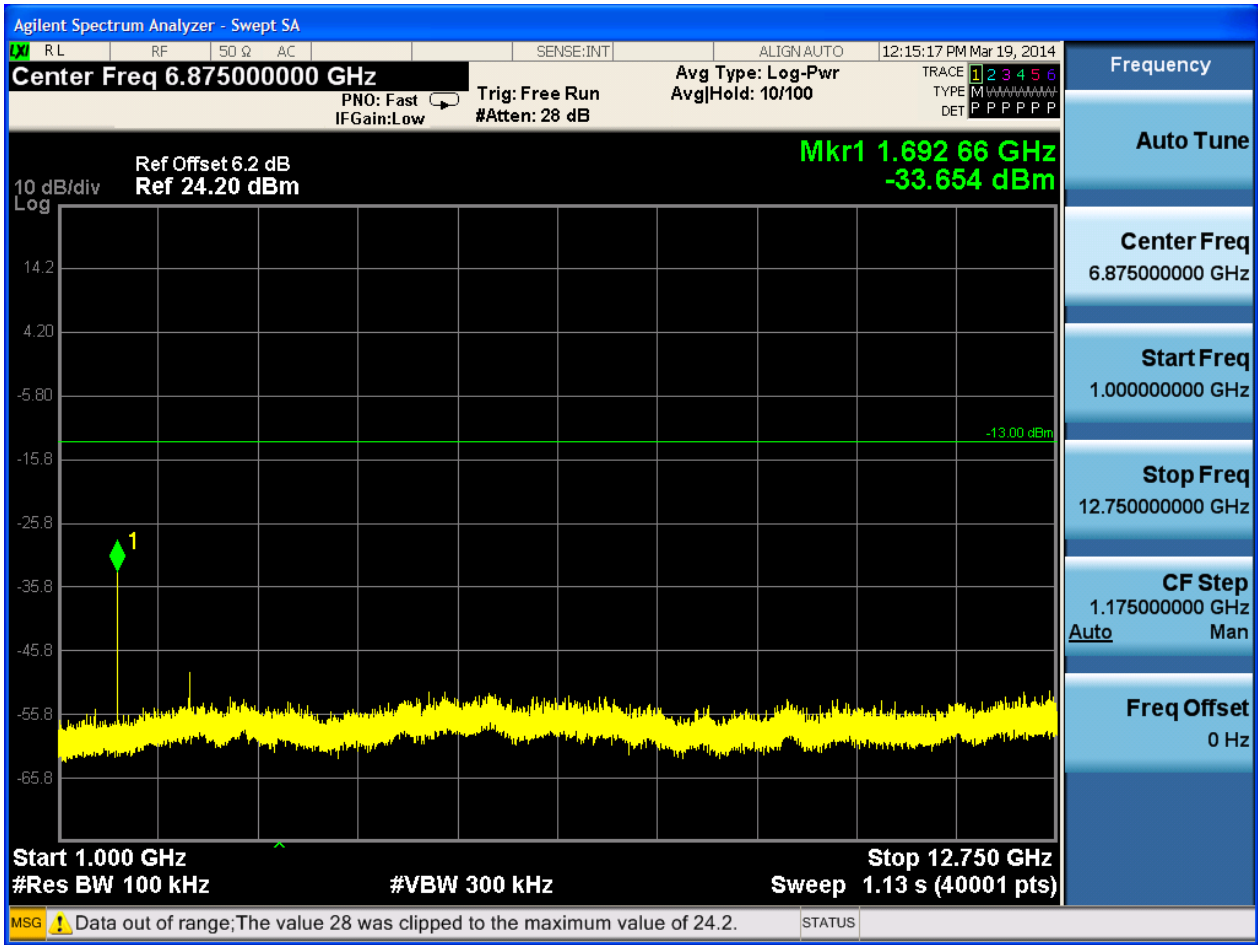
6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0







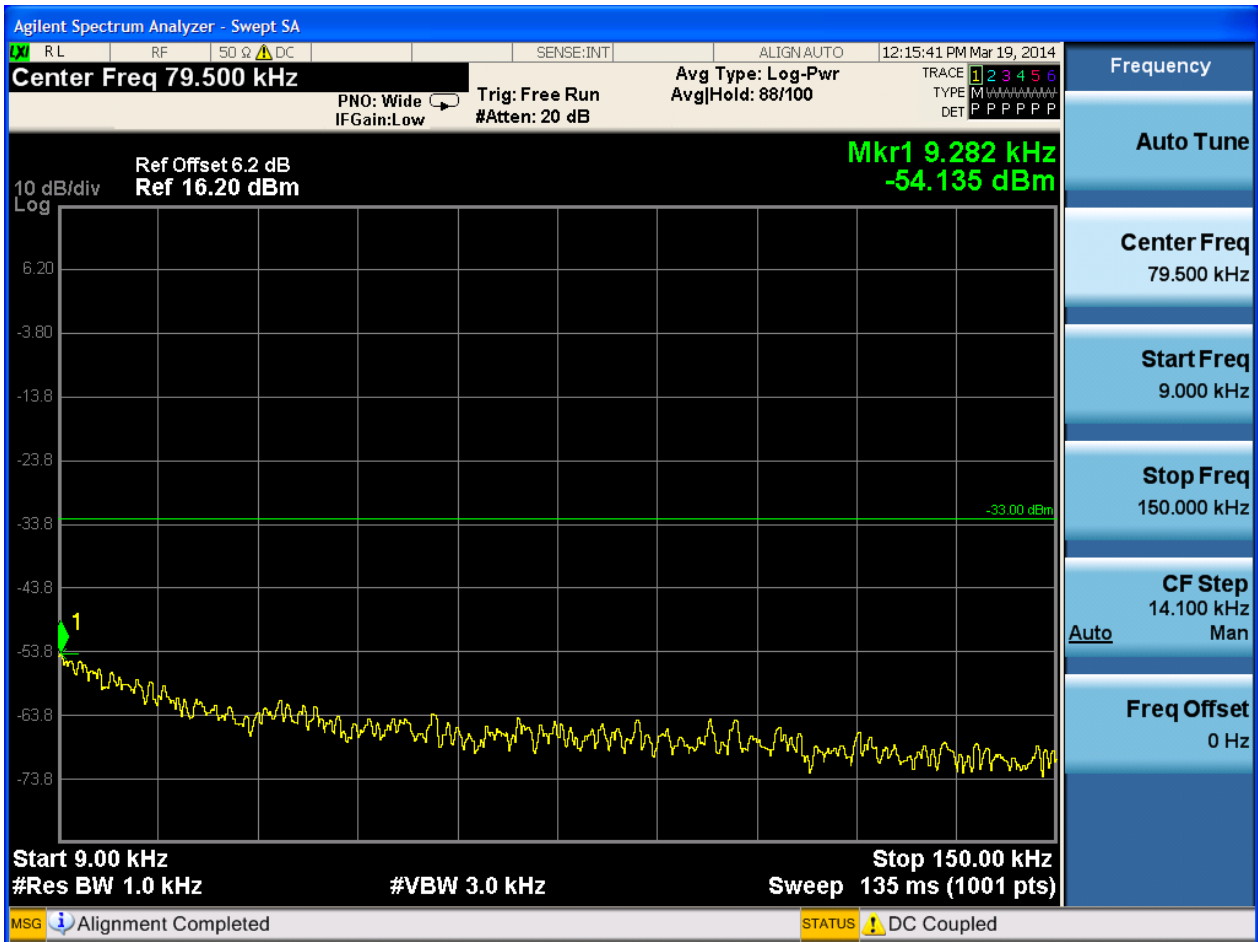


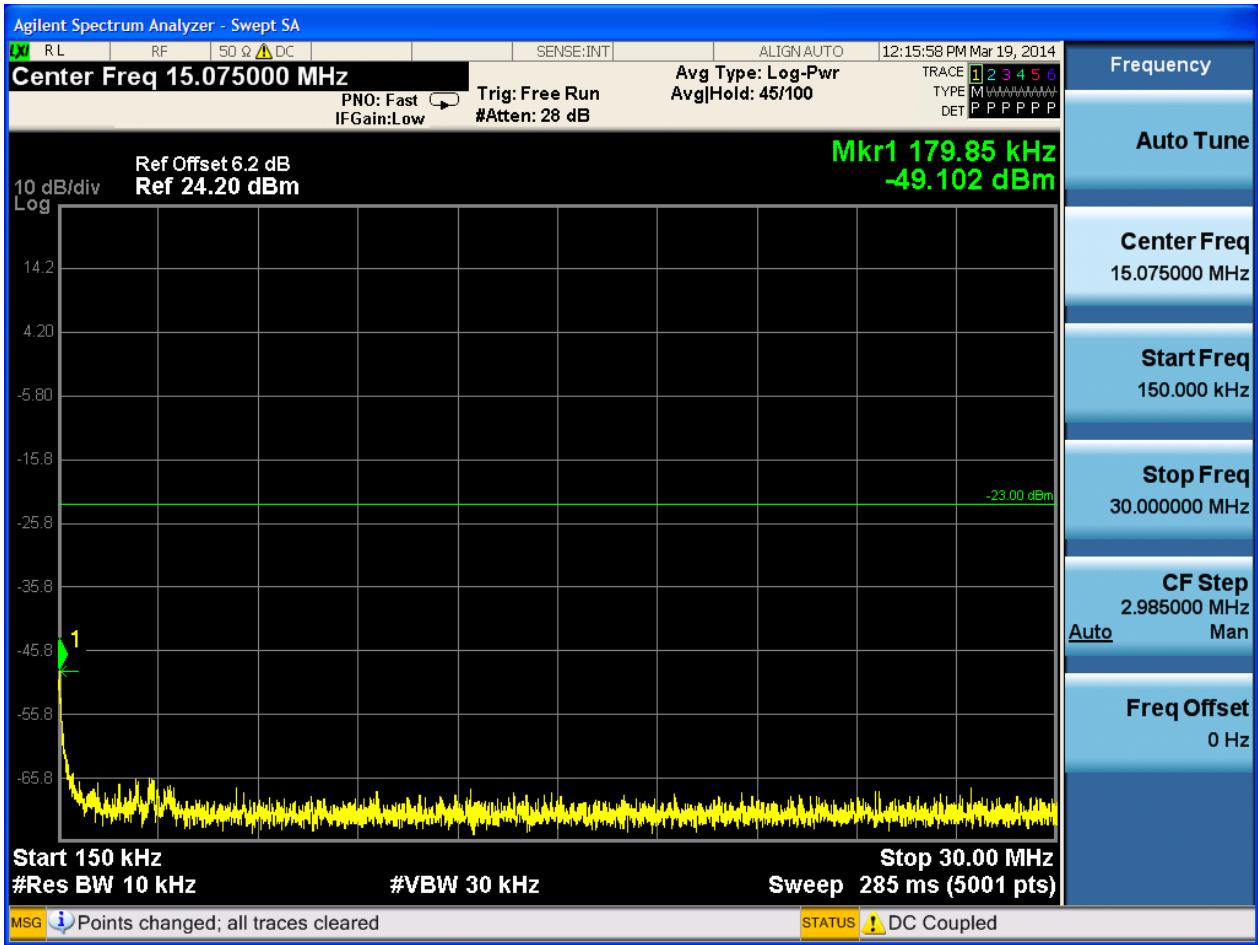


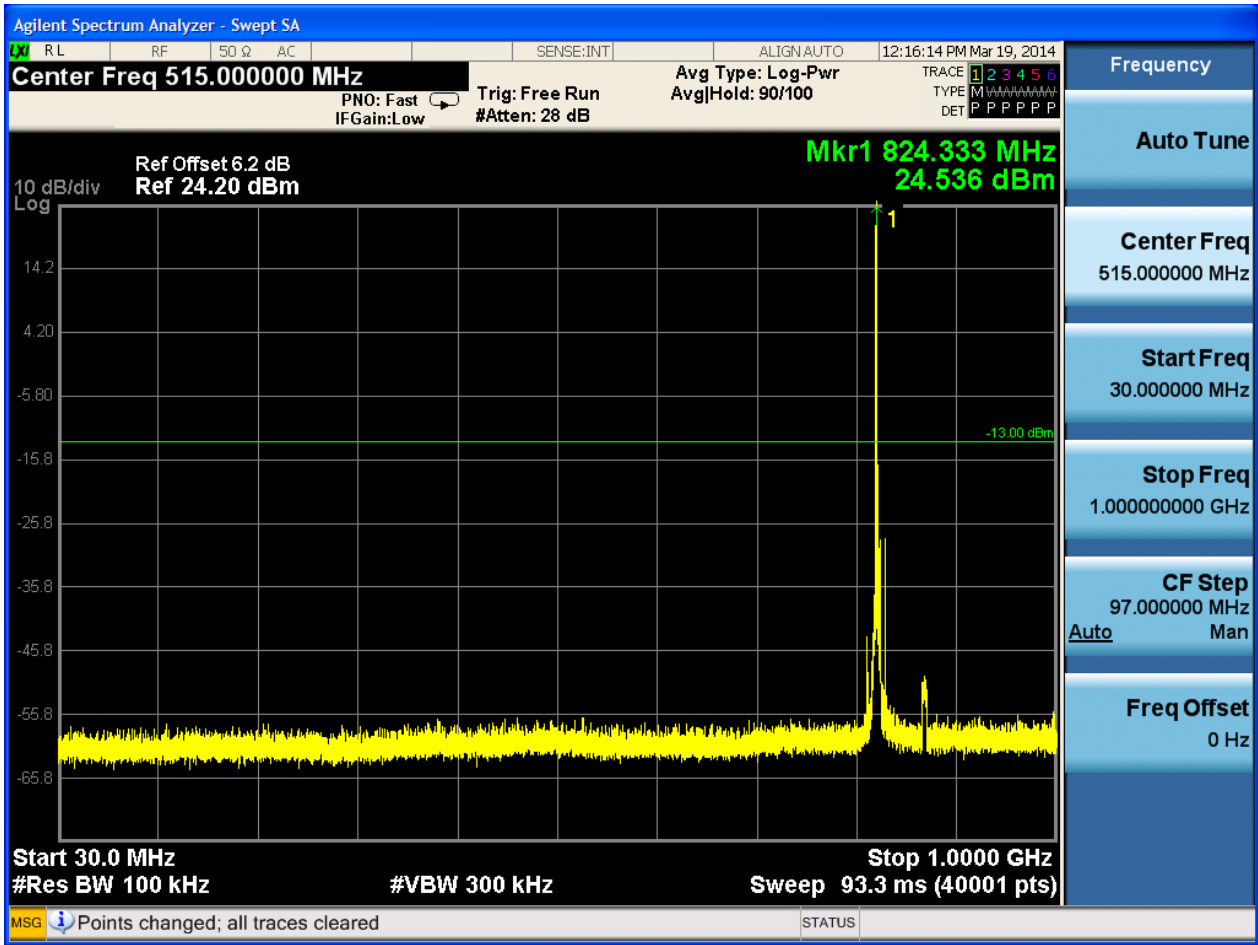
6.2.1.2.3 Test Bandwidth = 5

6.2.1.2.3.1 Test Channel = LCH

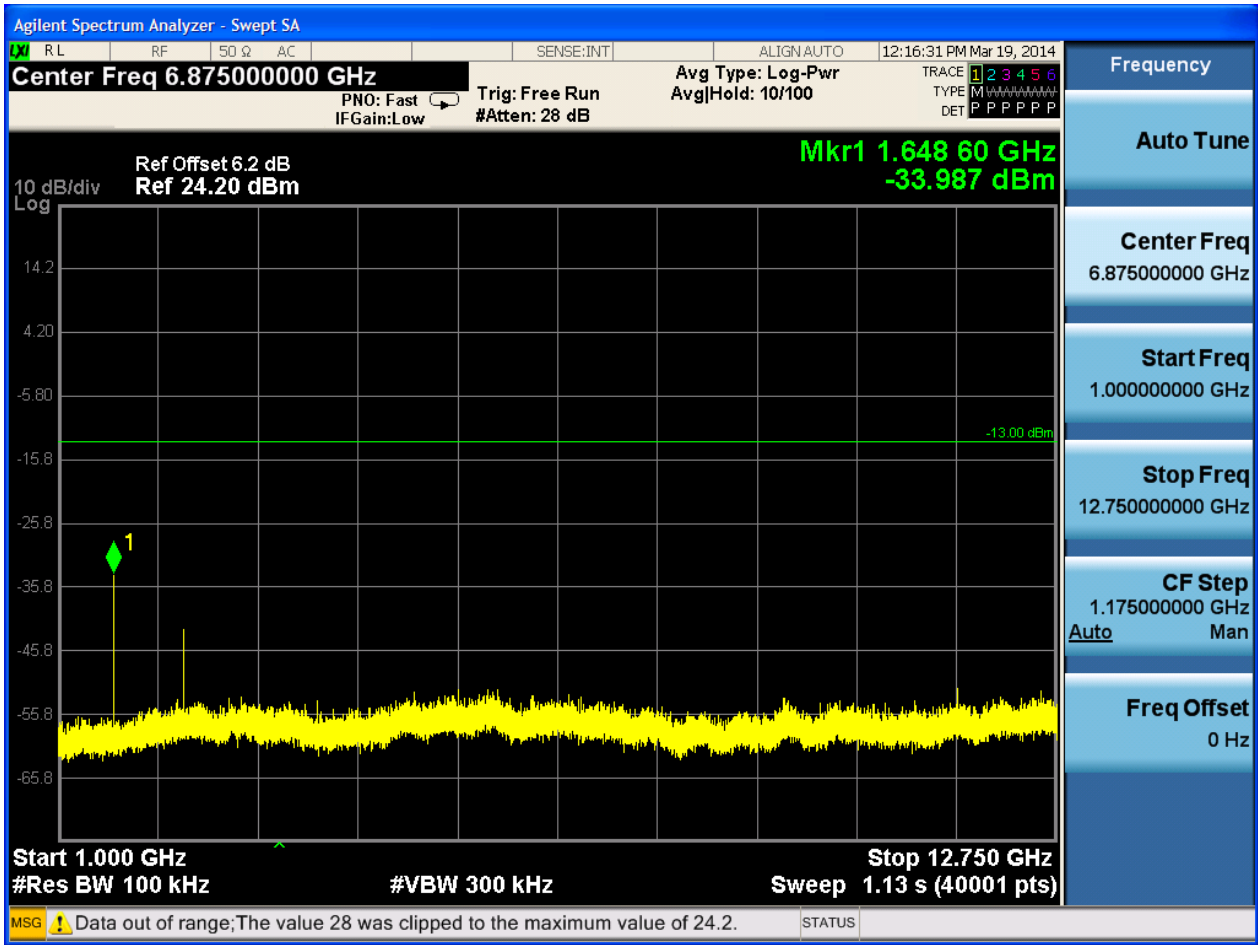
6.2.1.2.3.1.1 Test RB = RB1#0







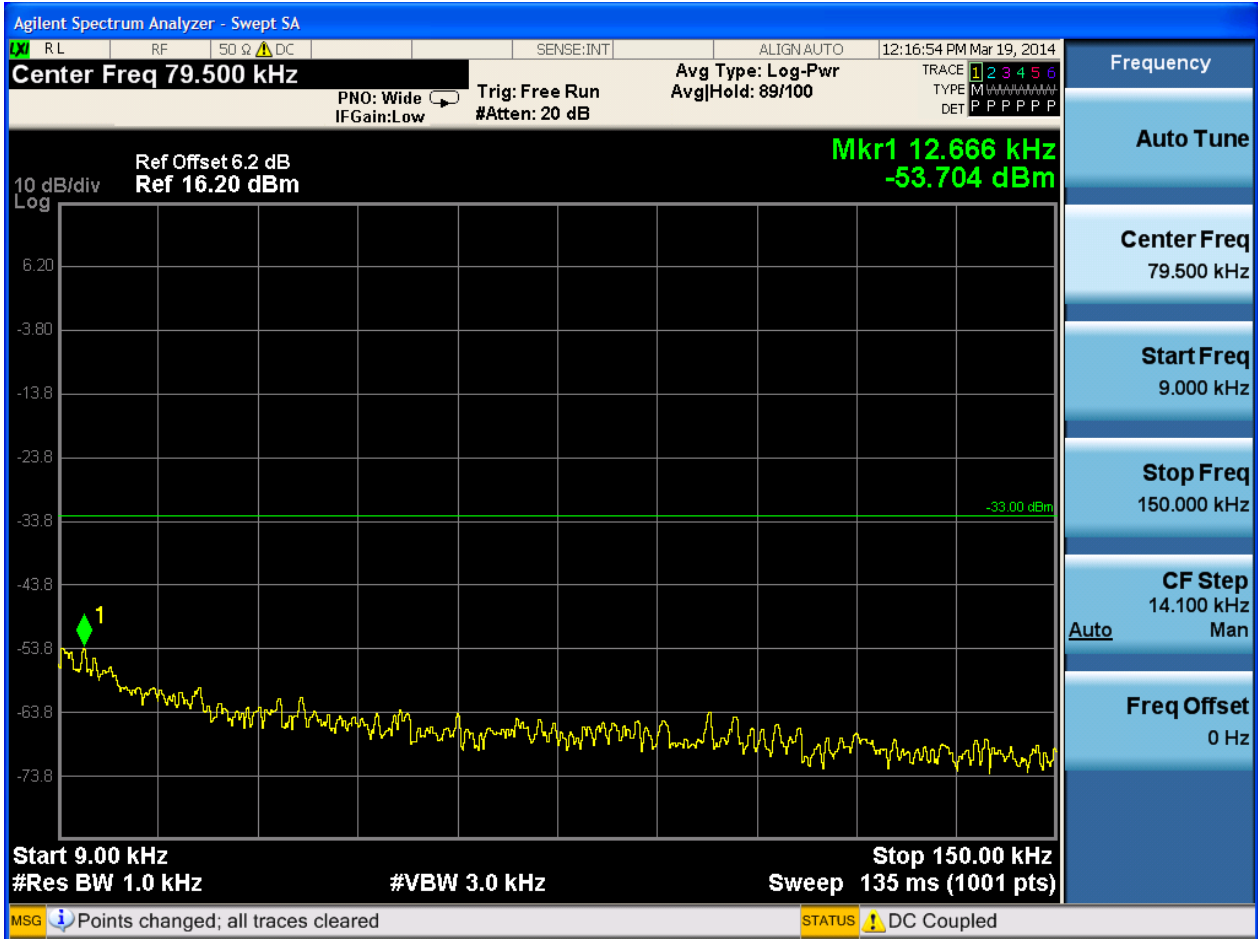


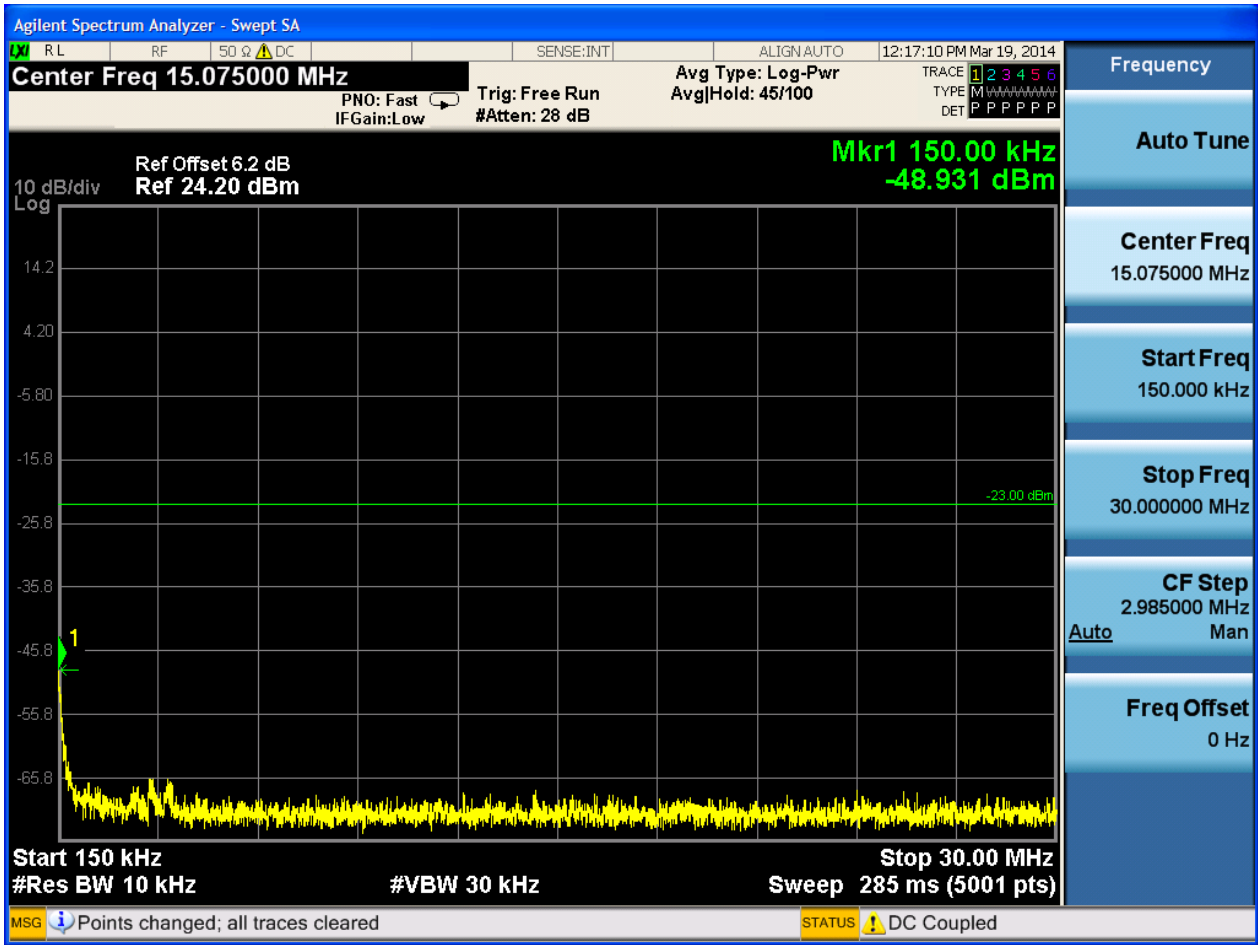


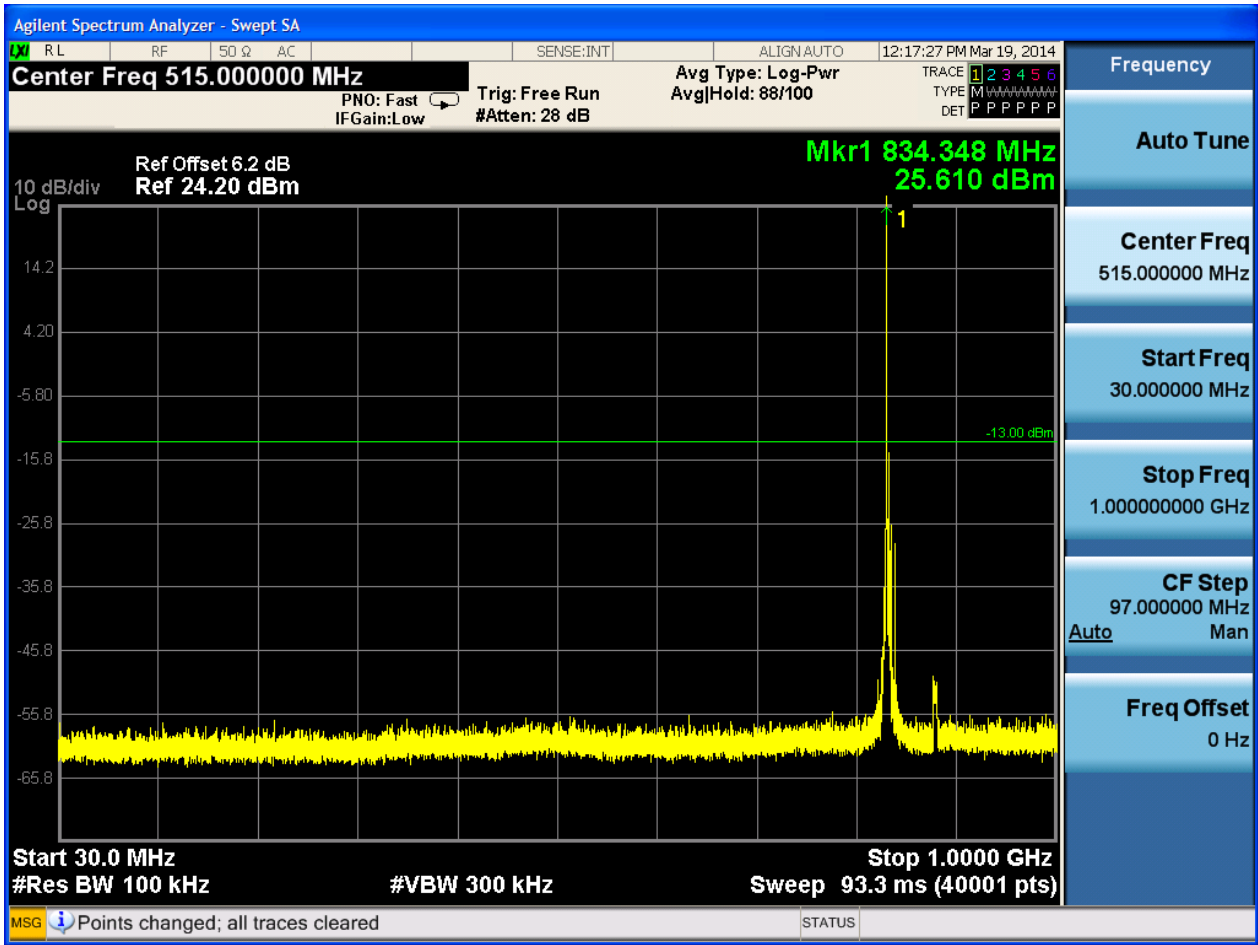


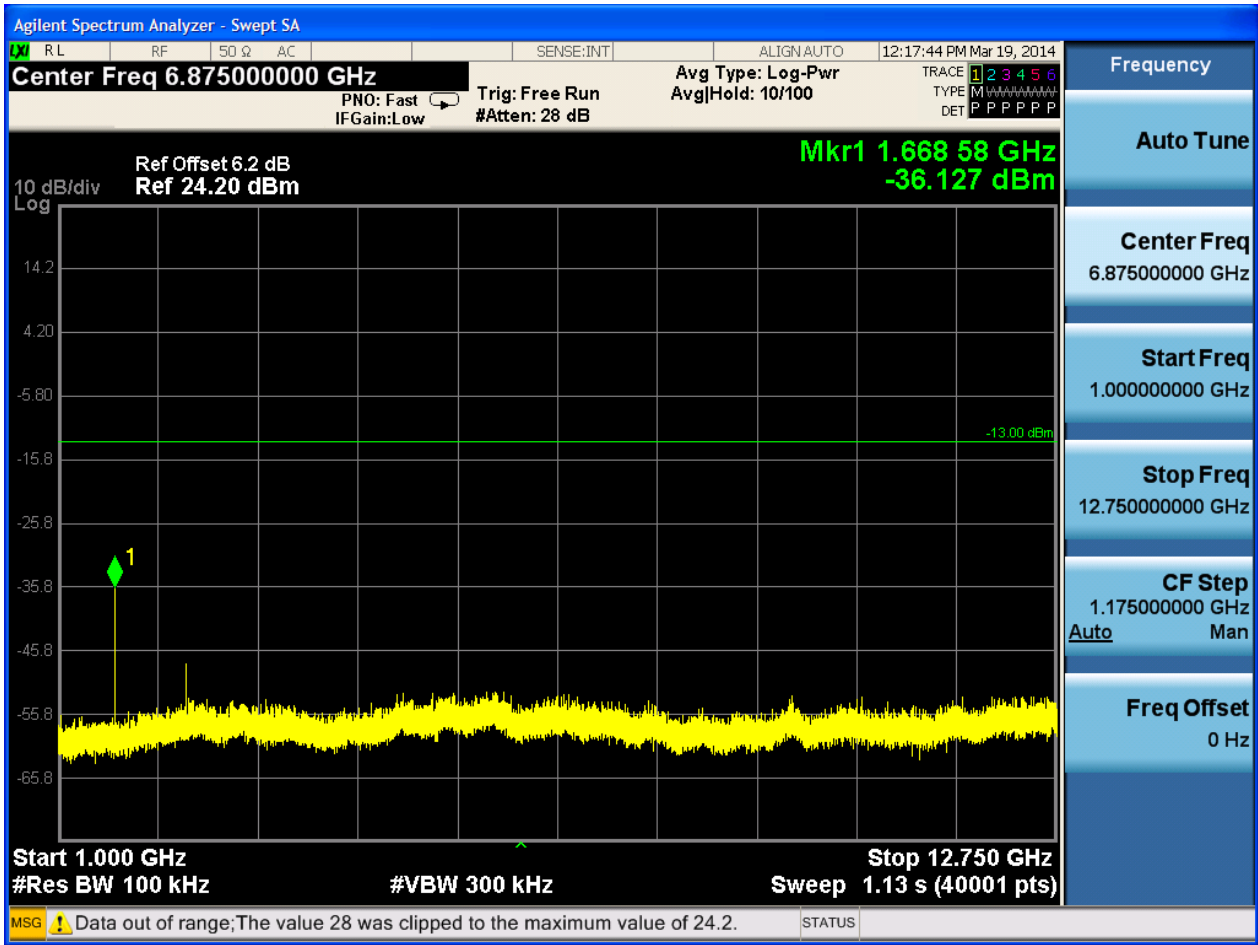
6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





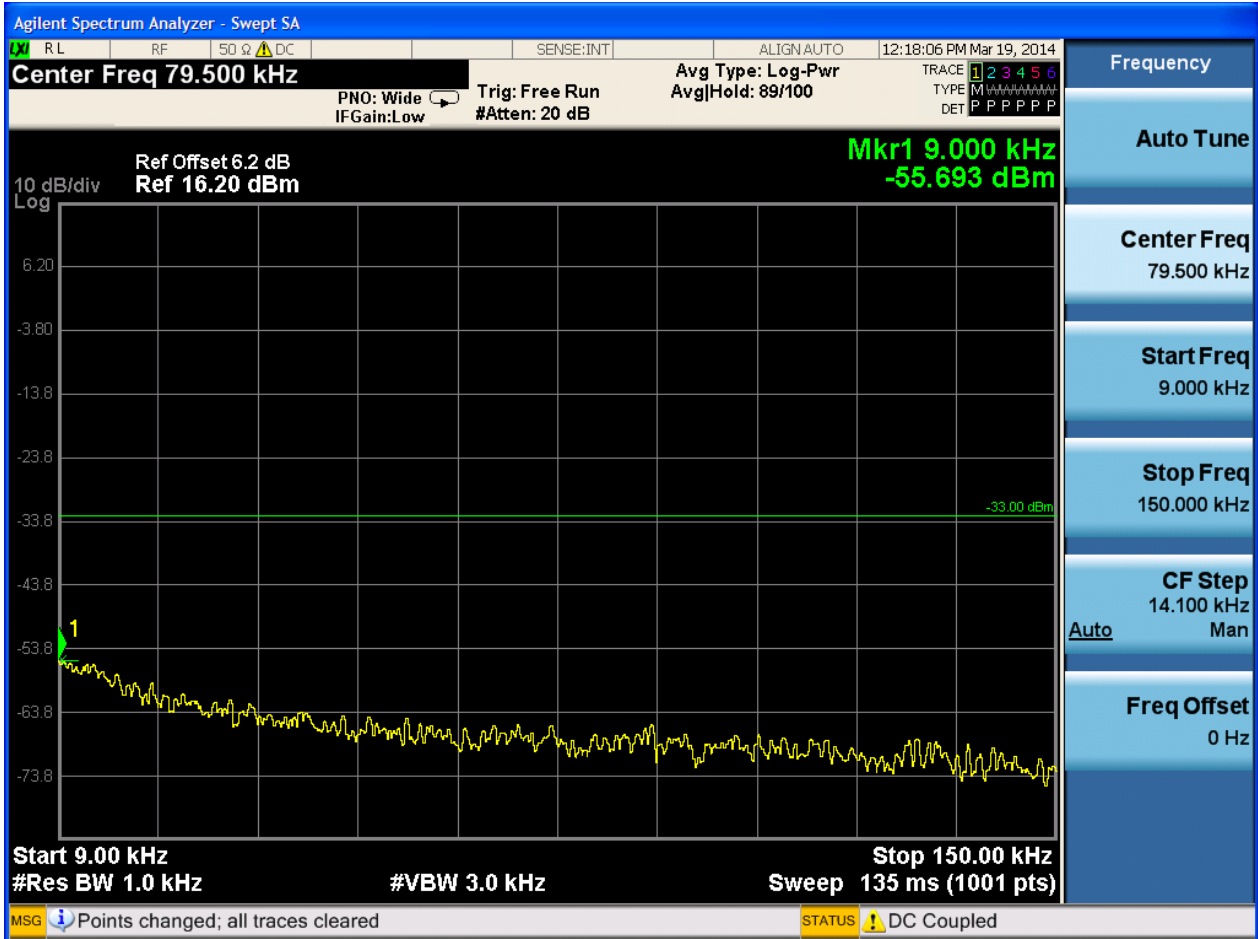


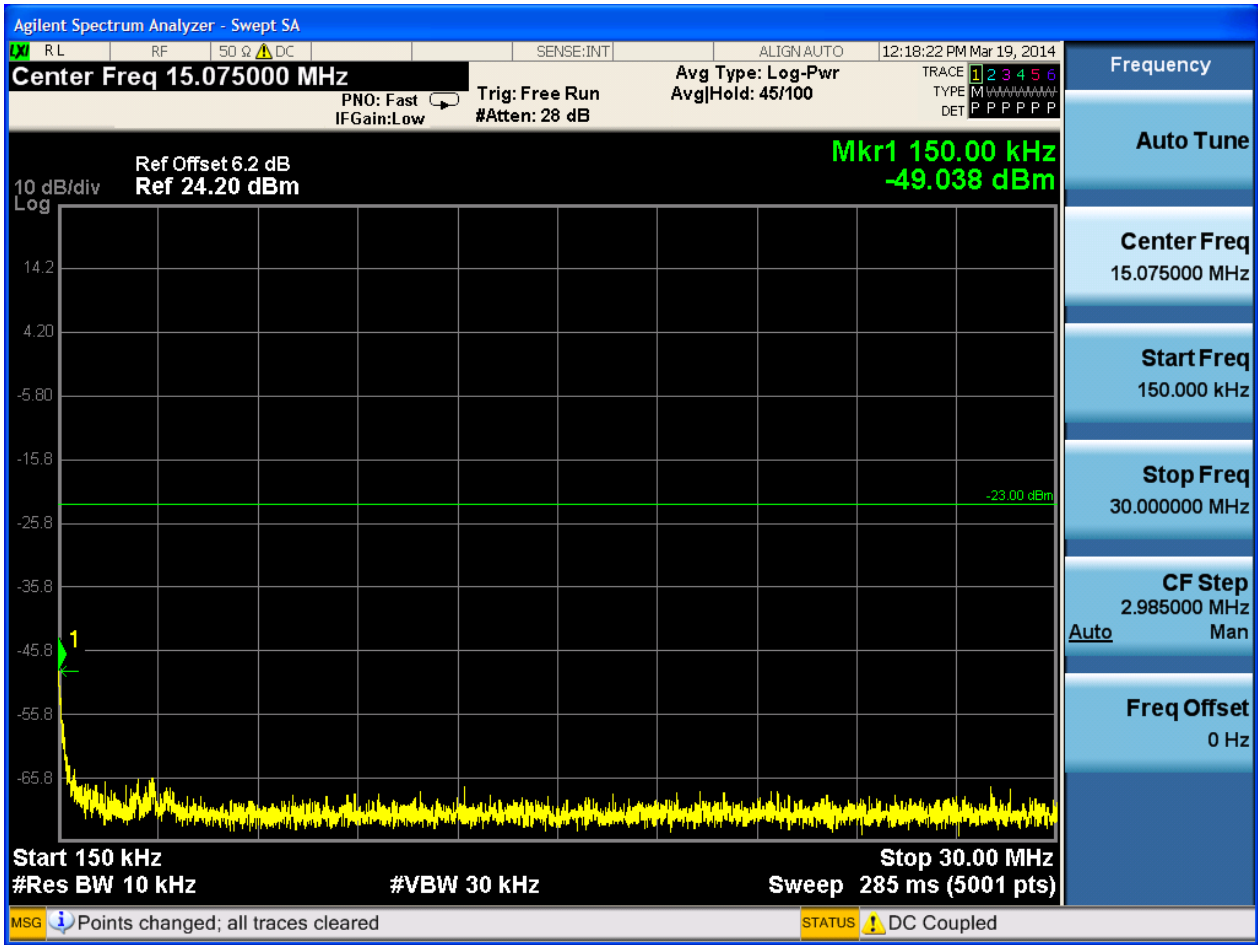


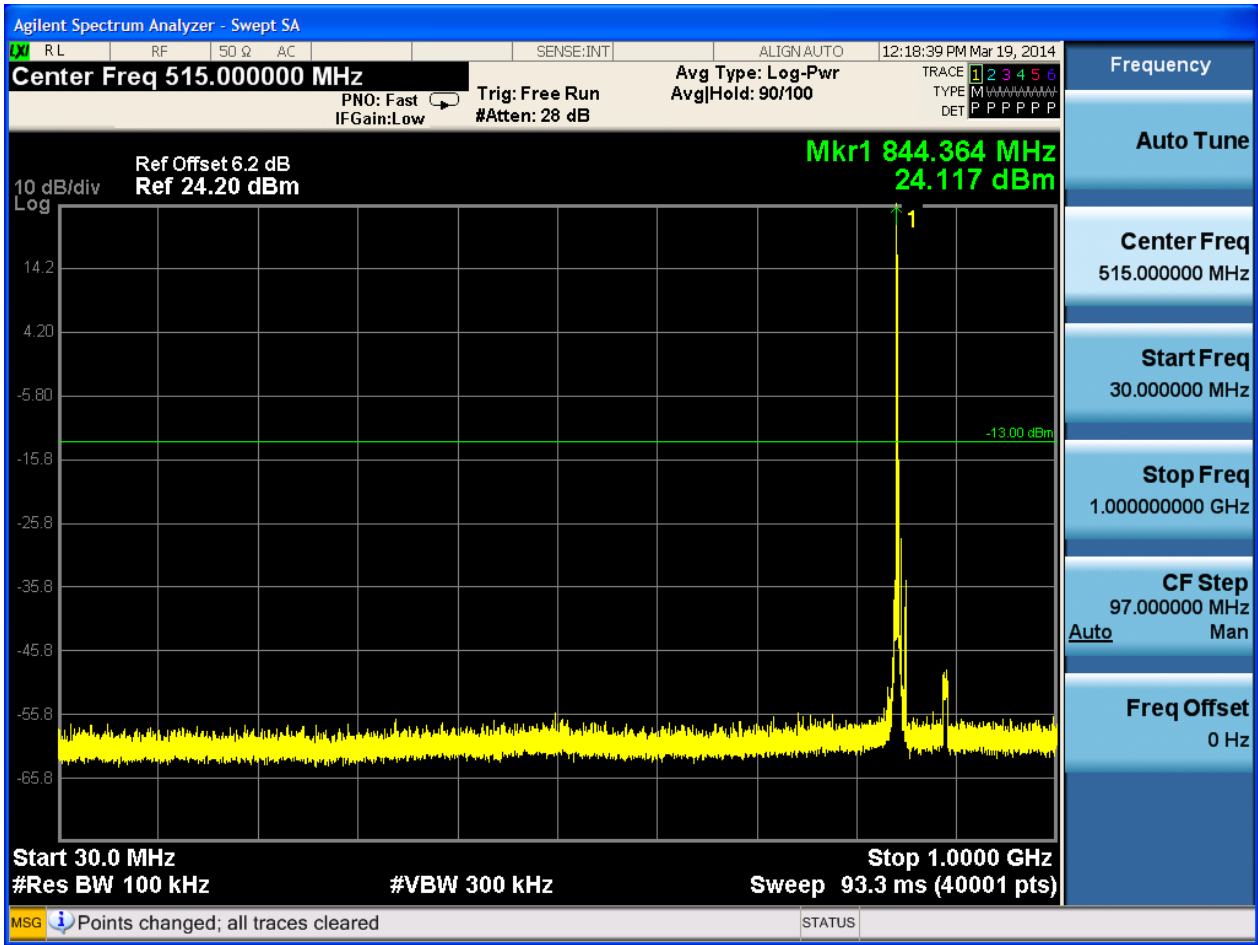


6.2.1.2.3.3 Test Channel = HCH

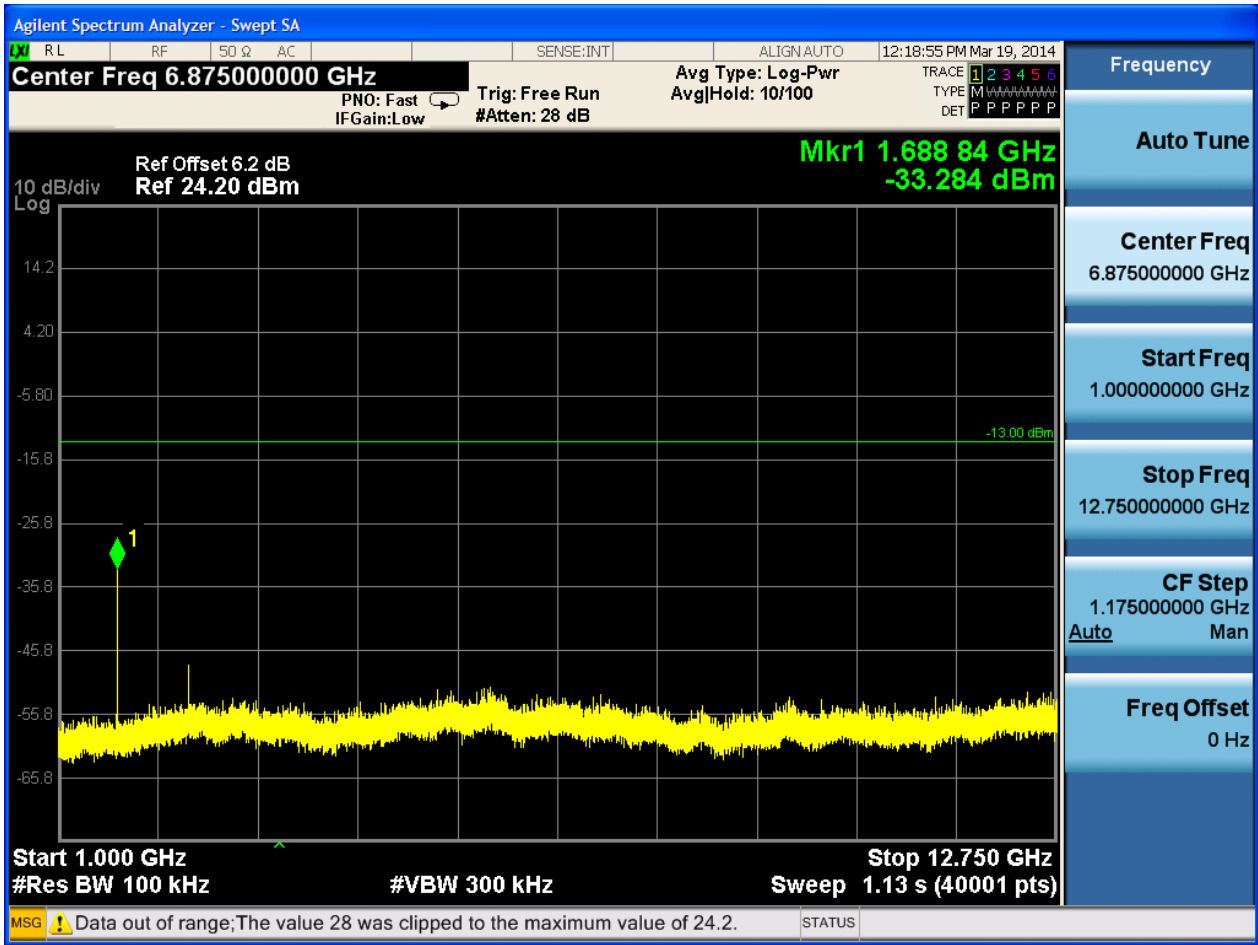
6.2.1.2.3.3.1 Test RB = RB1#0









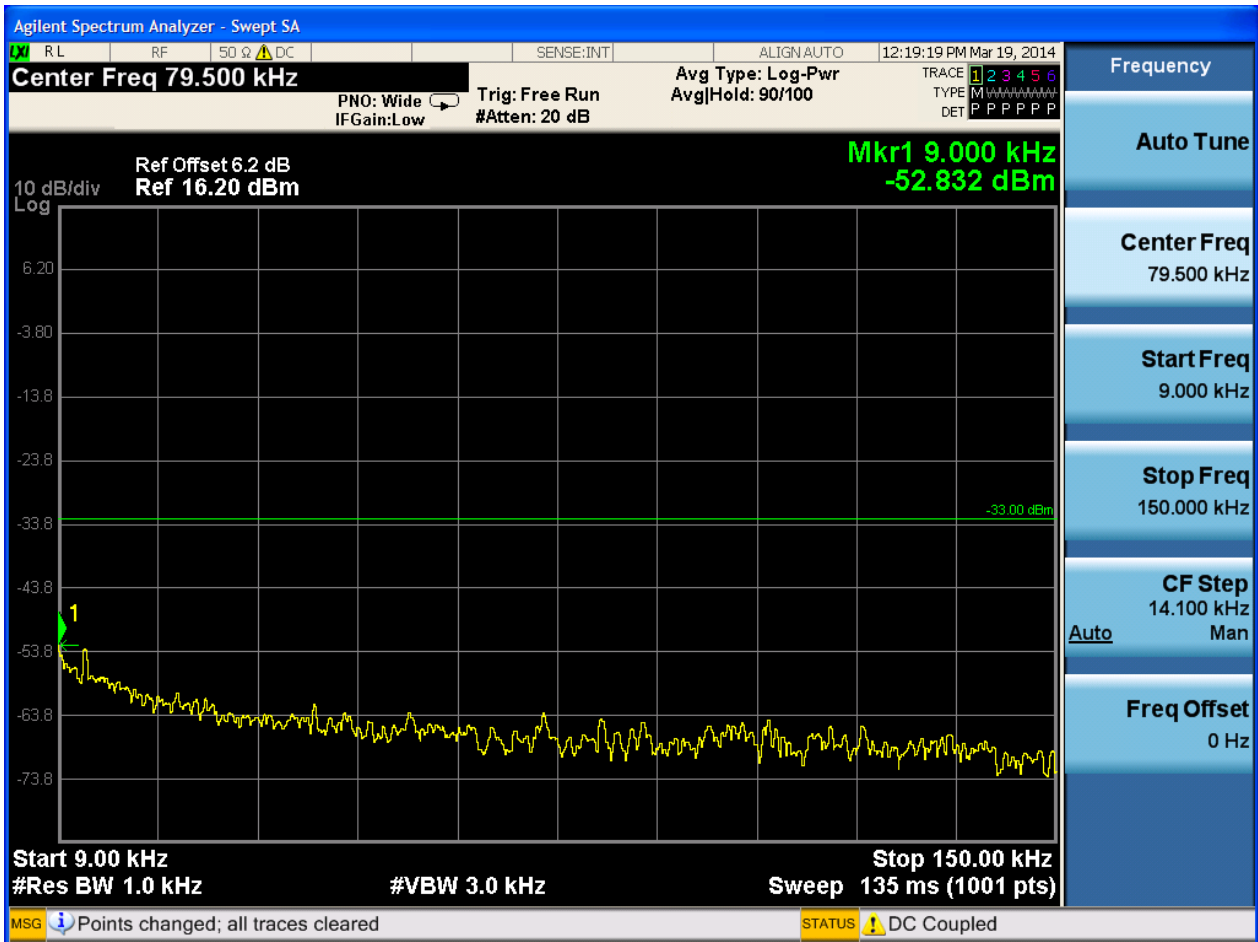


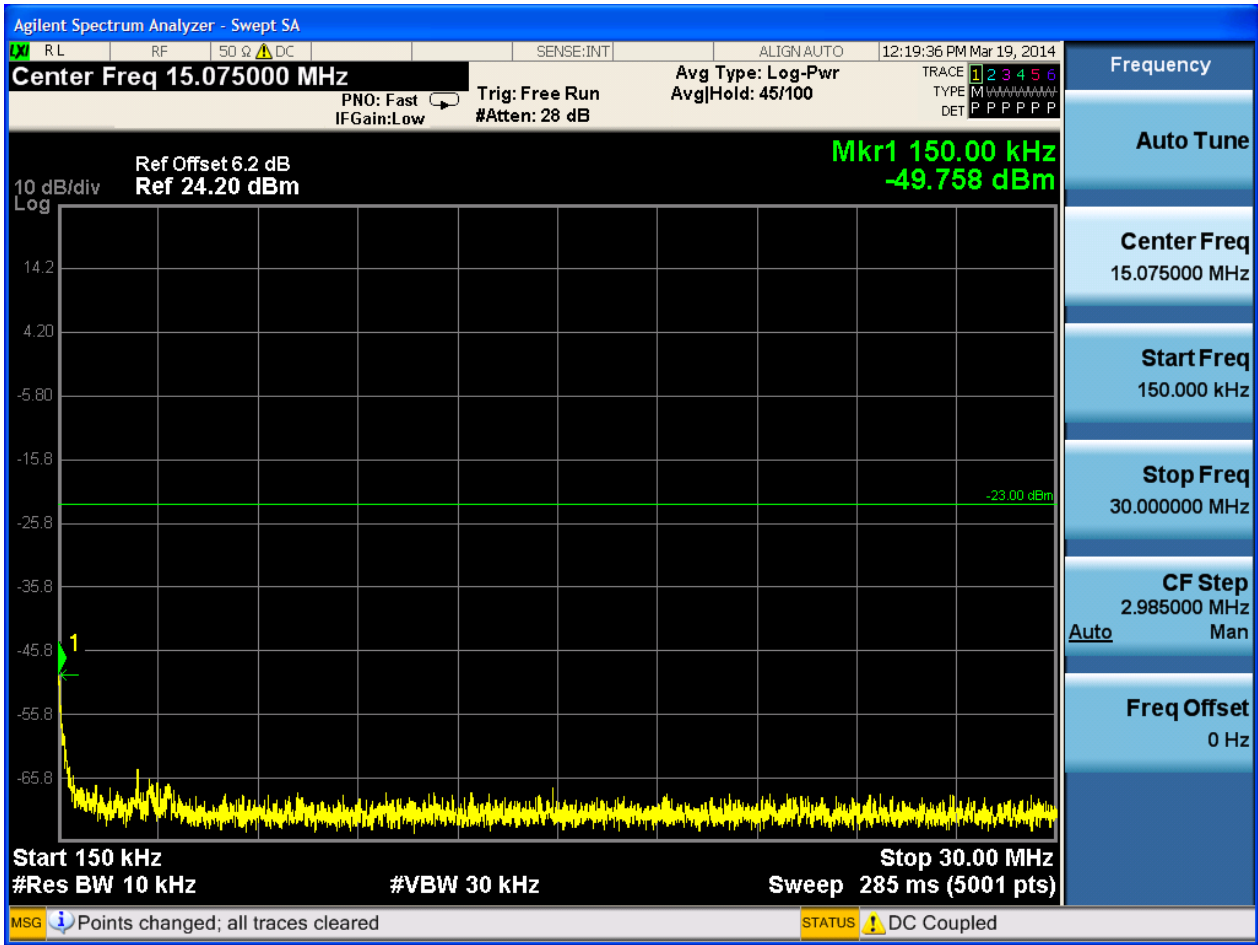


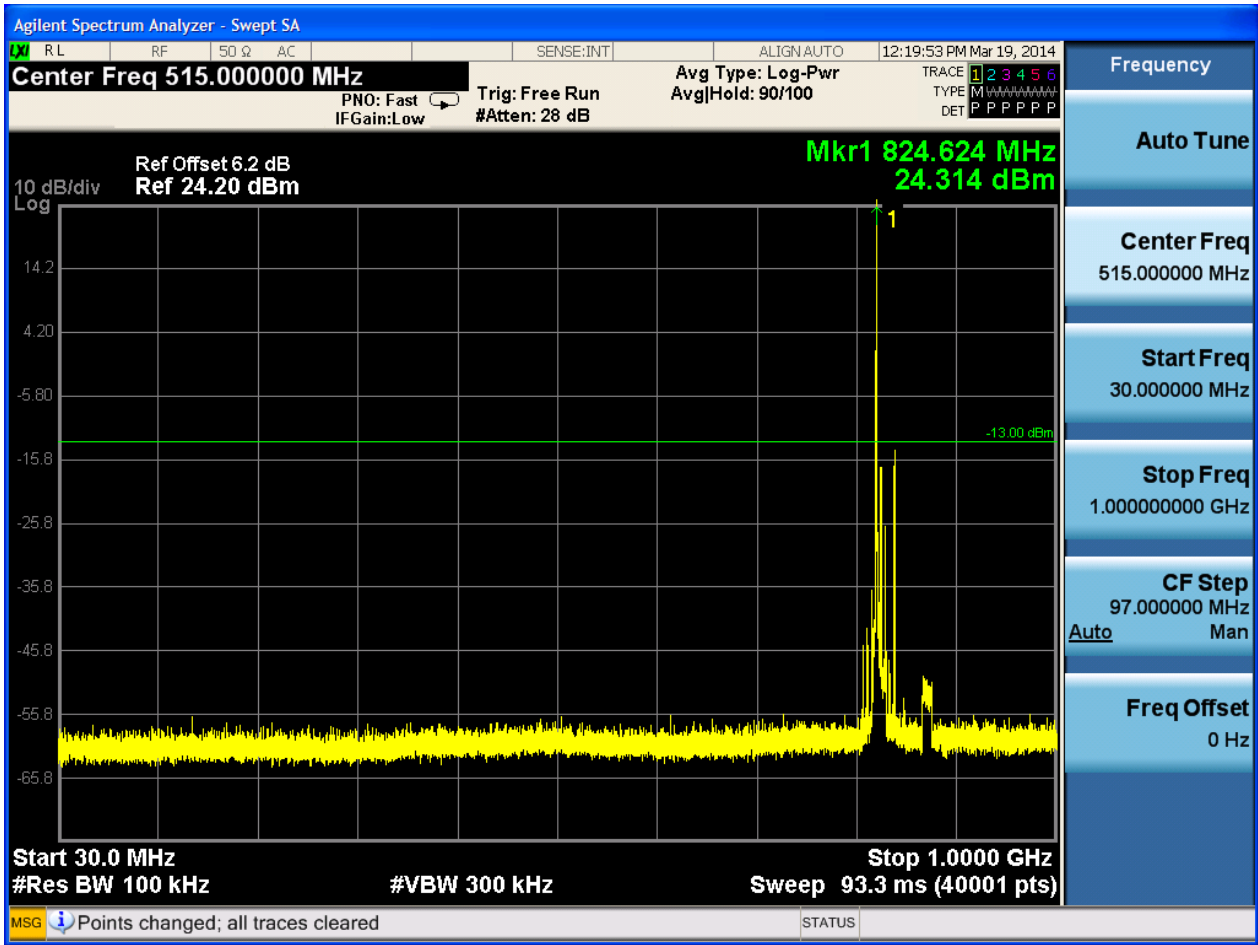
6.2.1.2.4 Test Bandwidth = 10

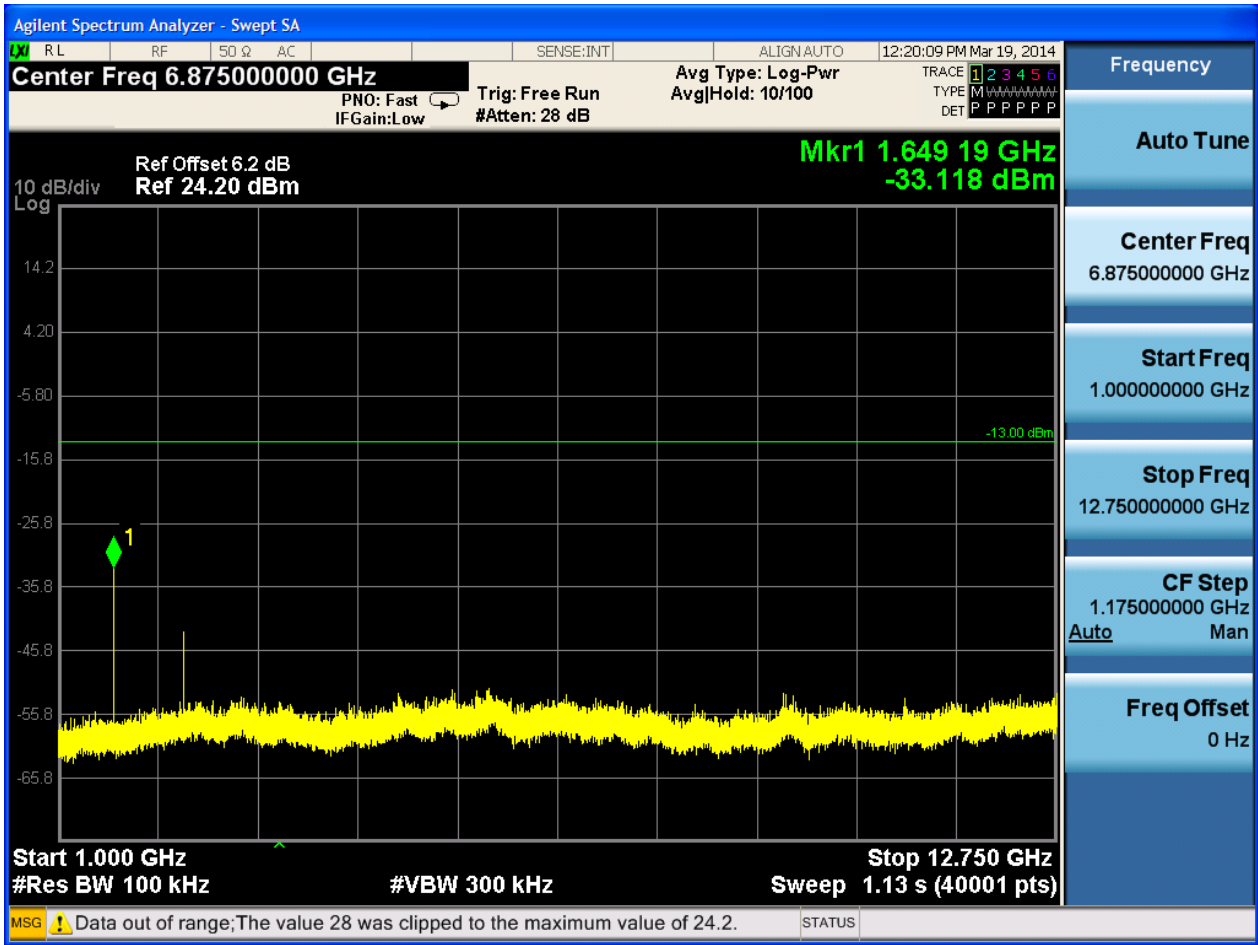
6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0





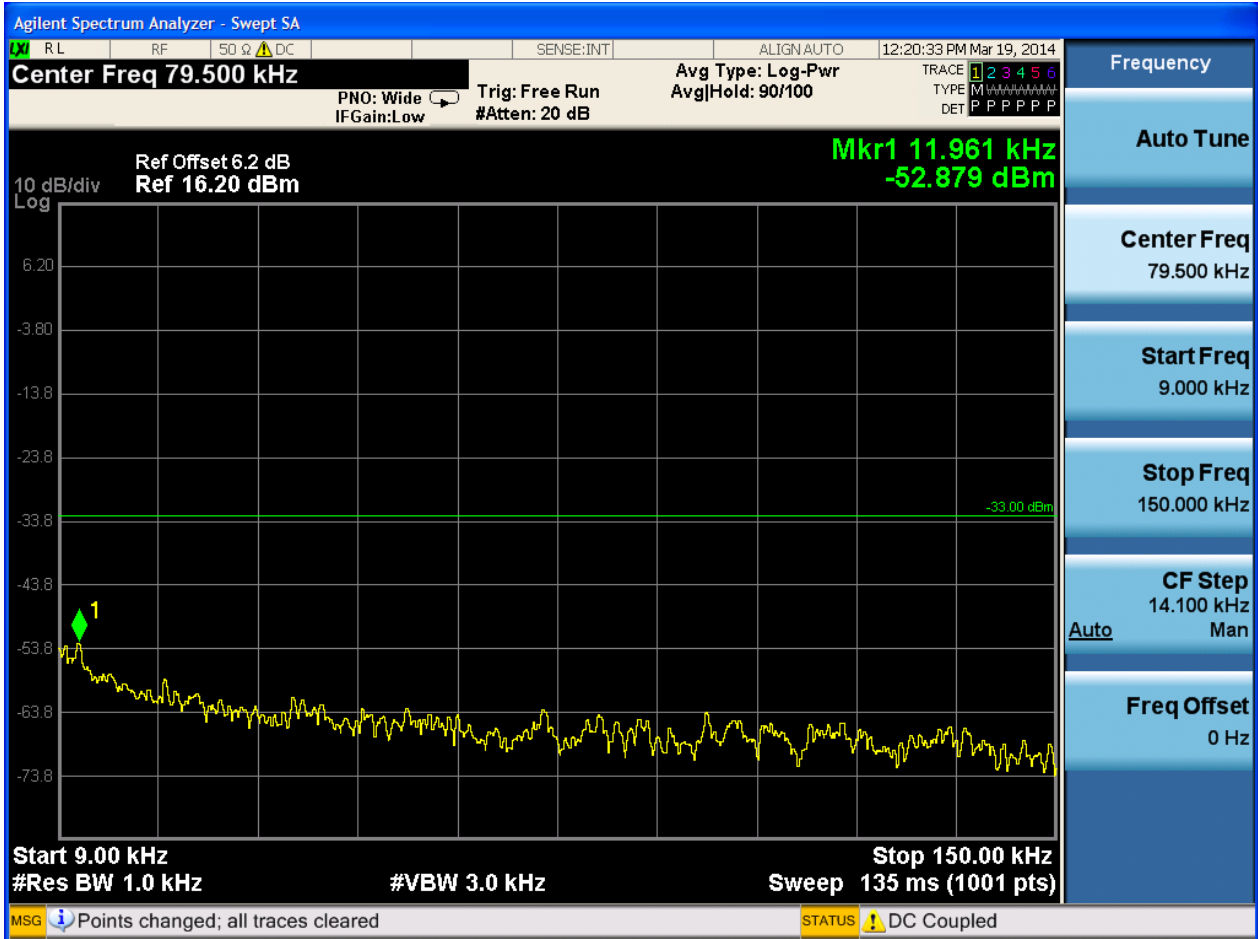


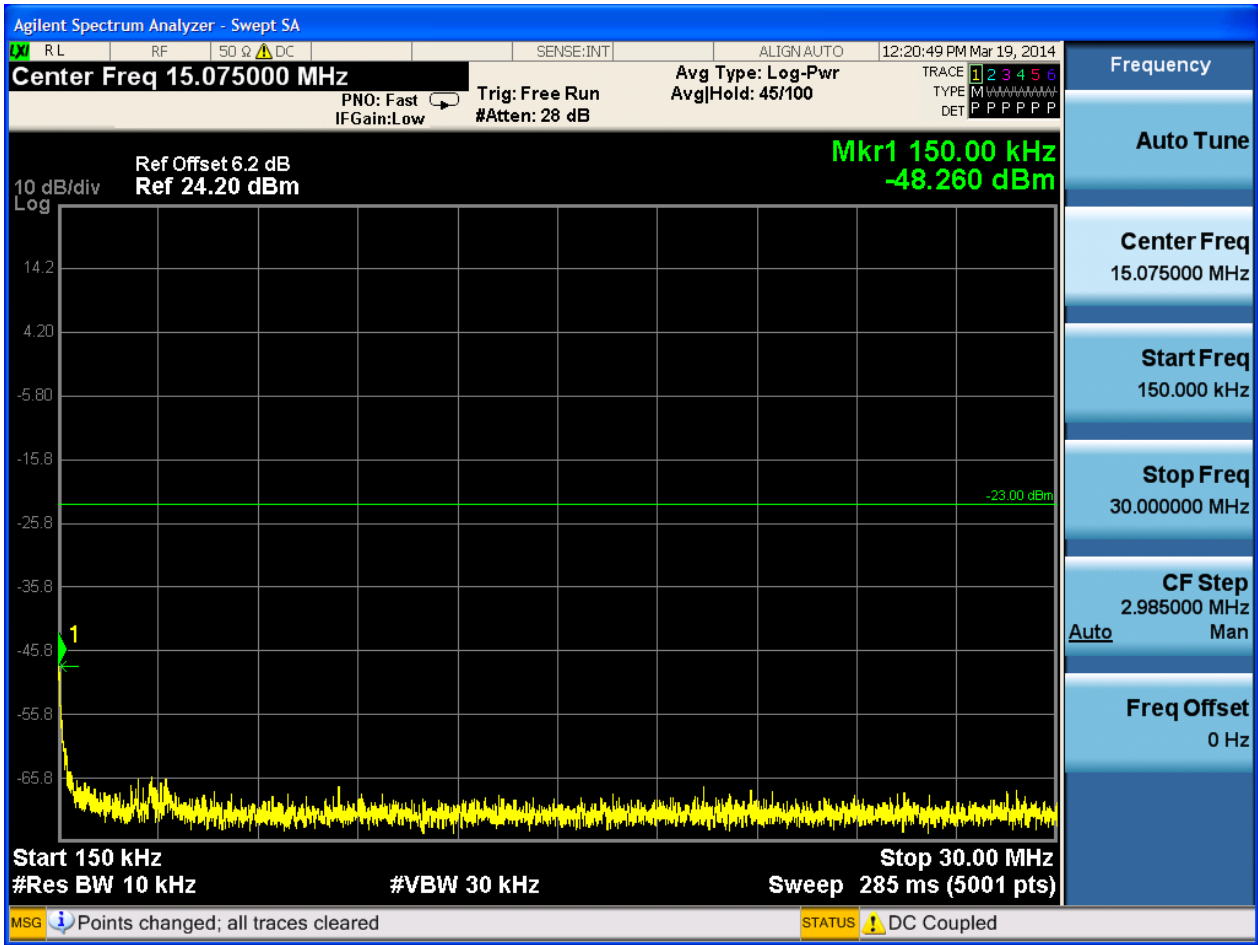


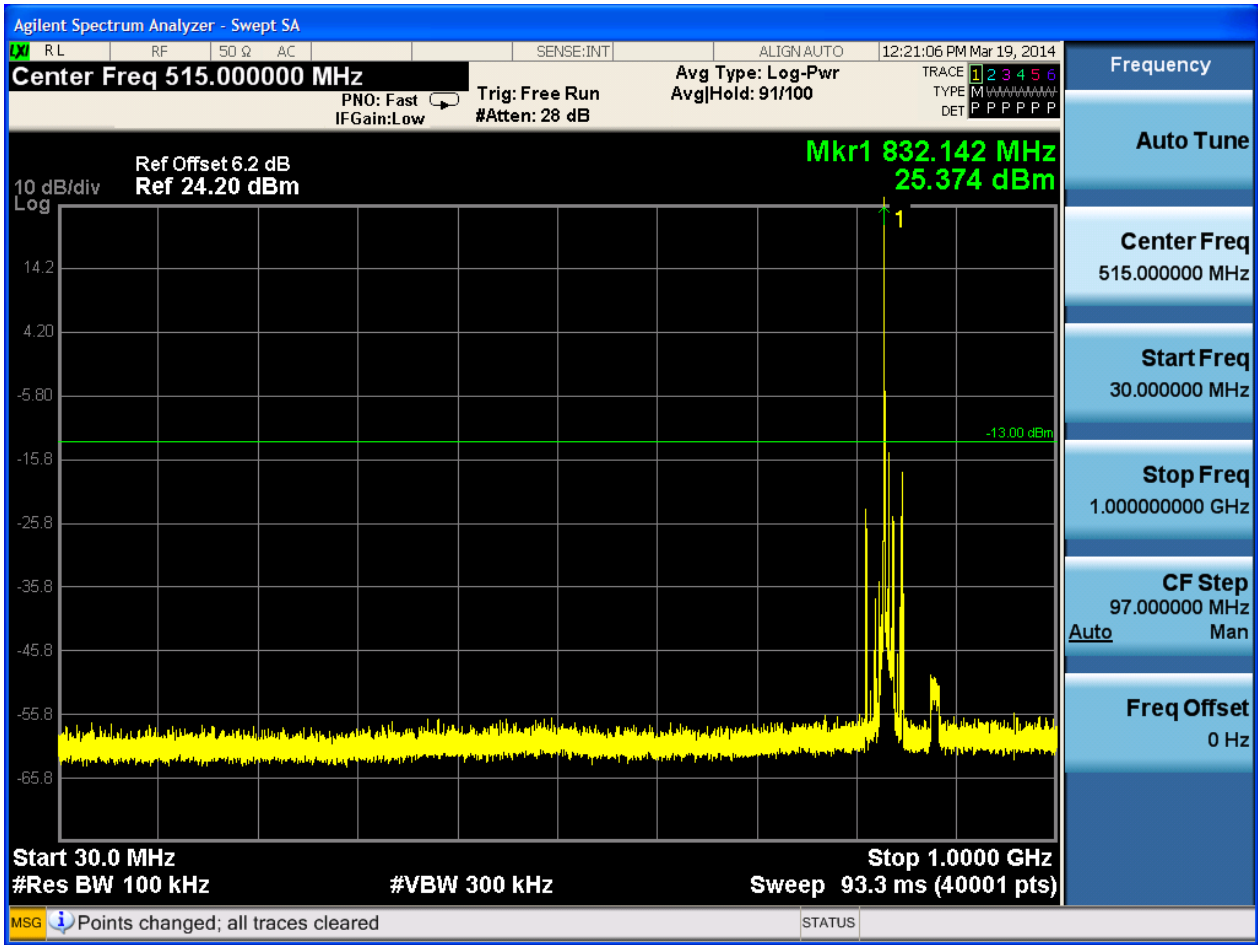


6.2.1.2.4.2 Test Channel = MCH

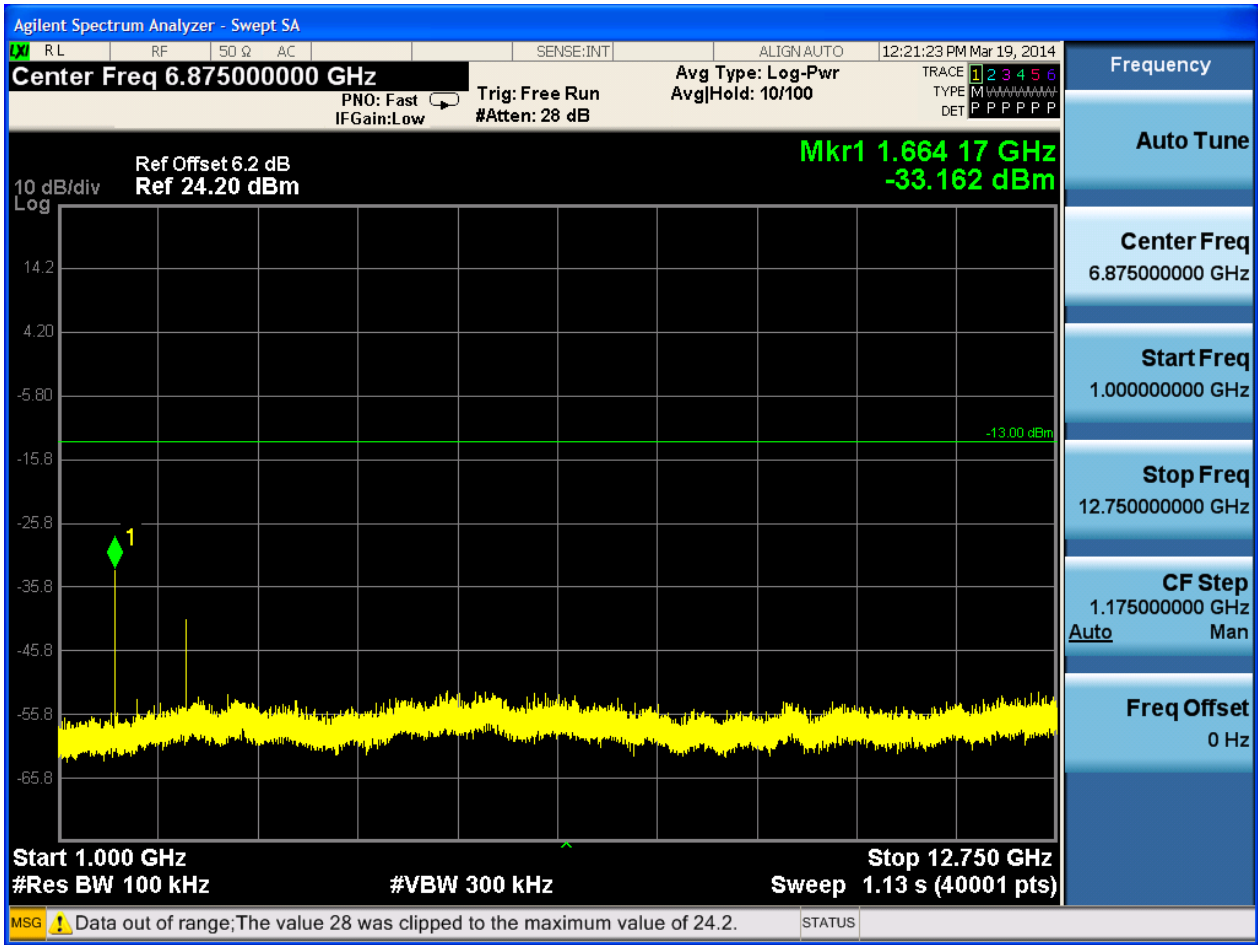
6.2.1.2.4.2.1 Test RB = RB1#0





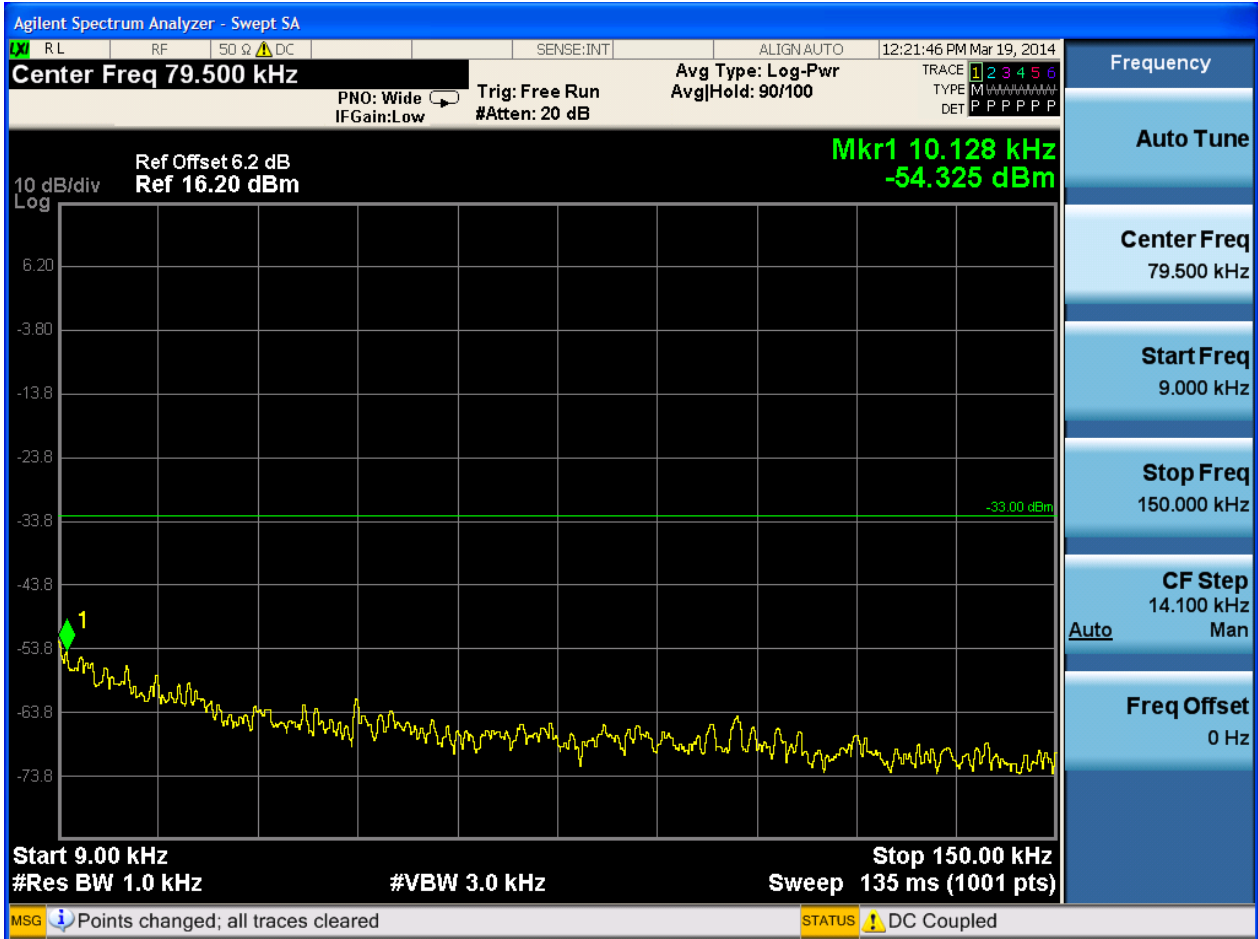


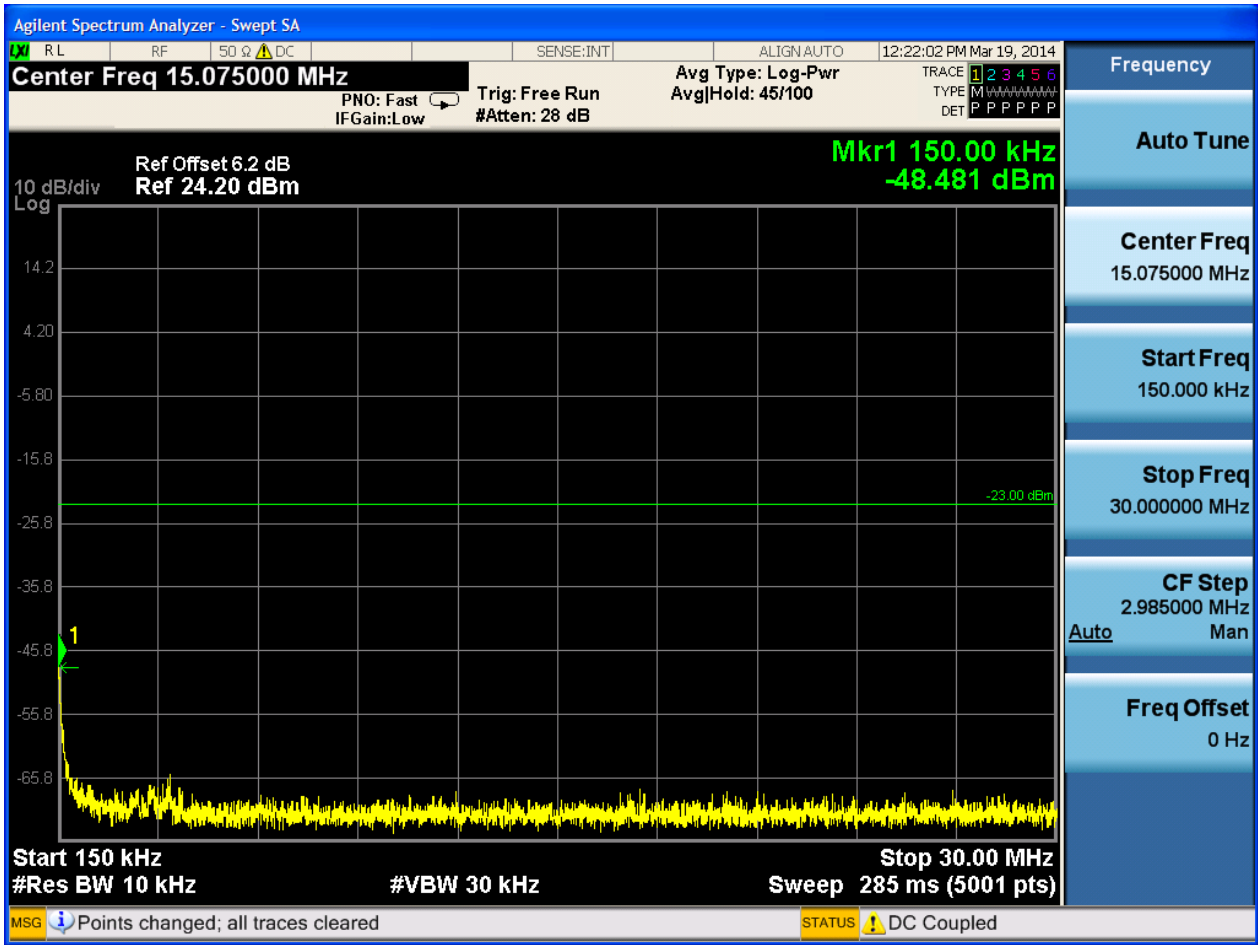


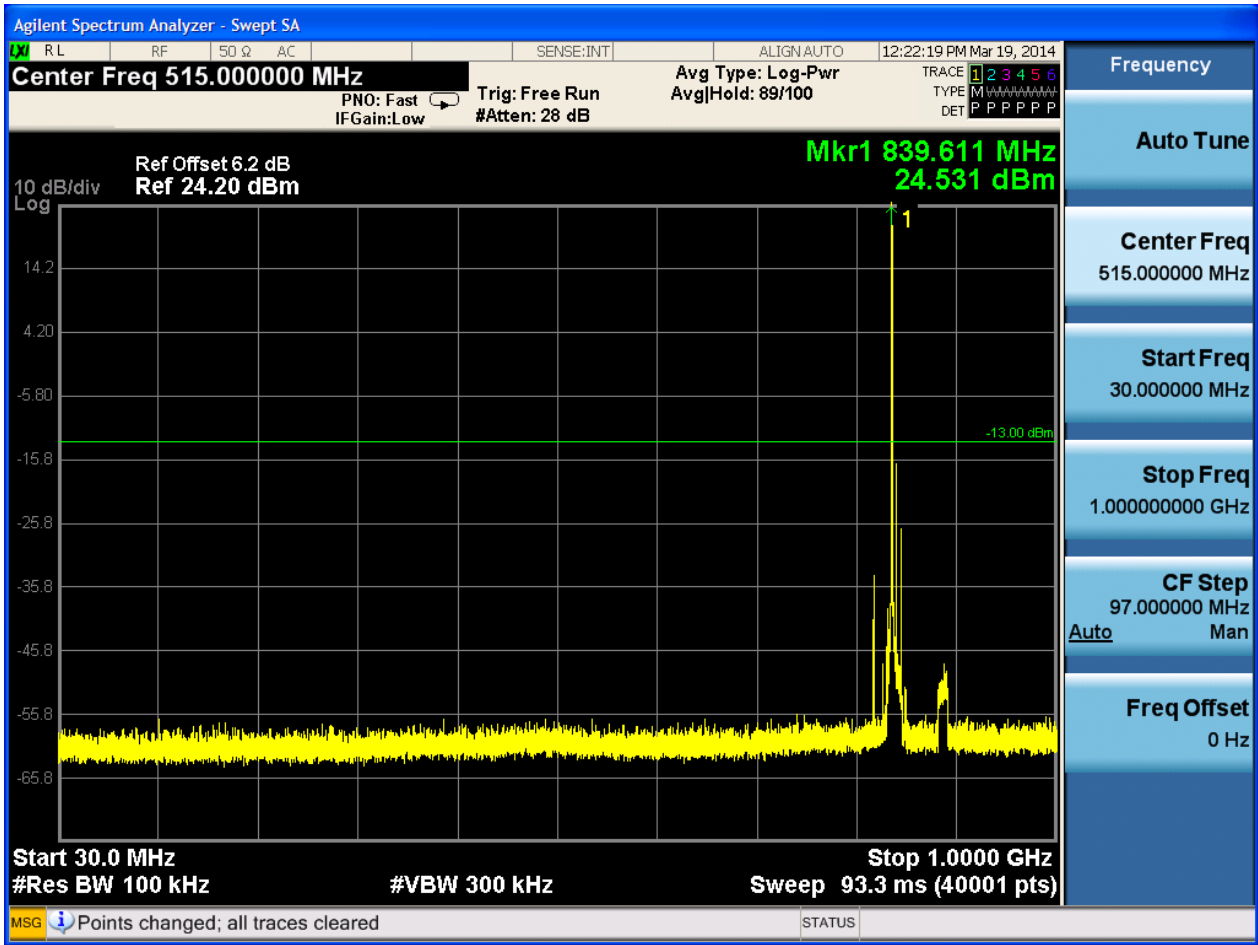


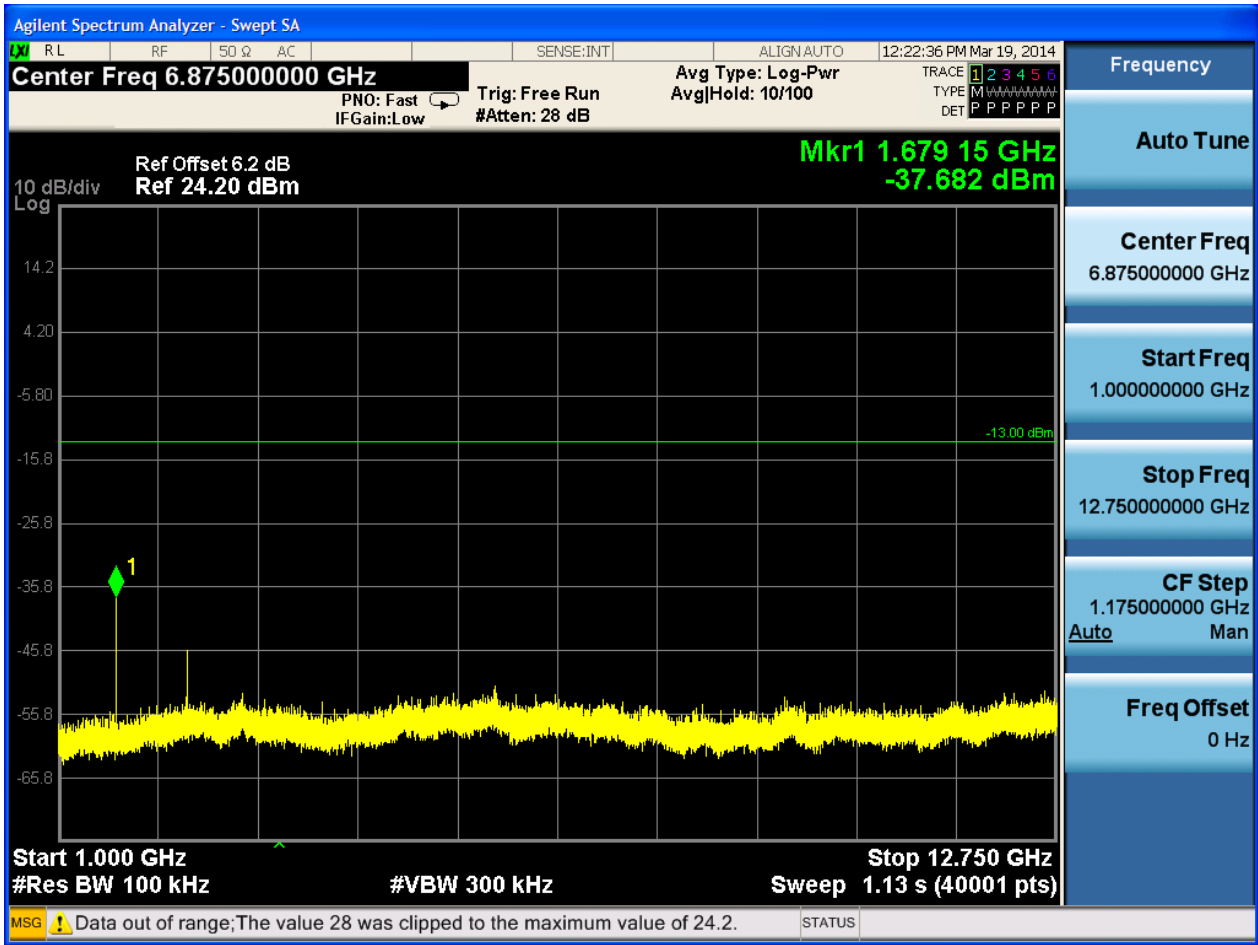
6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0











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

Note:

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

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

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

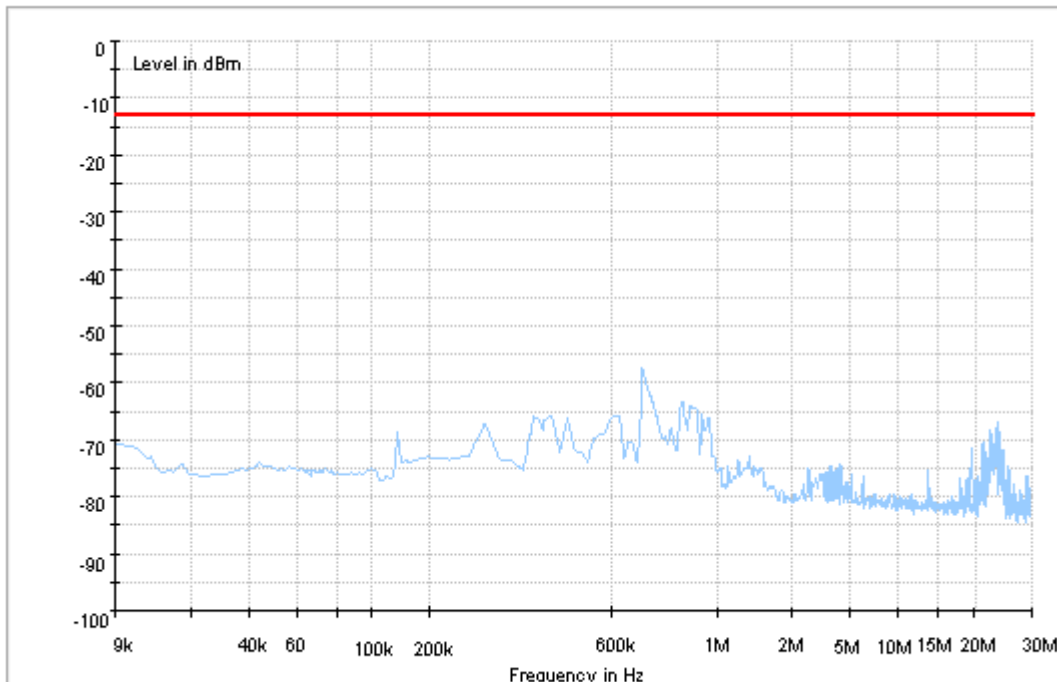
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

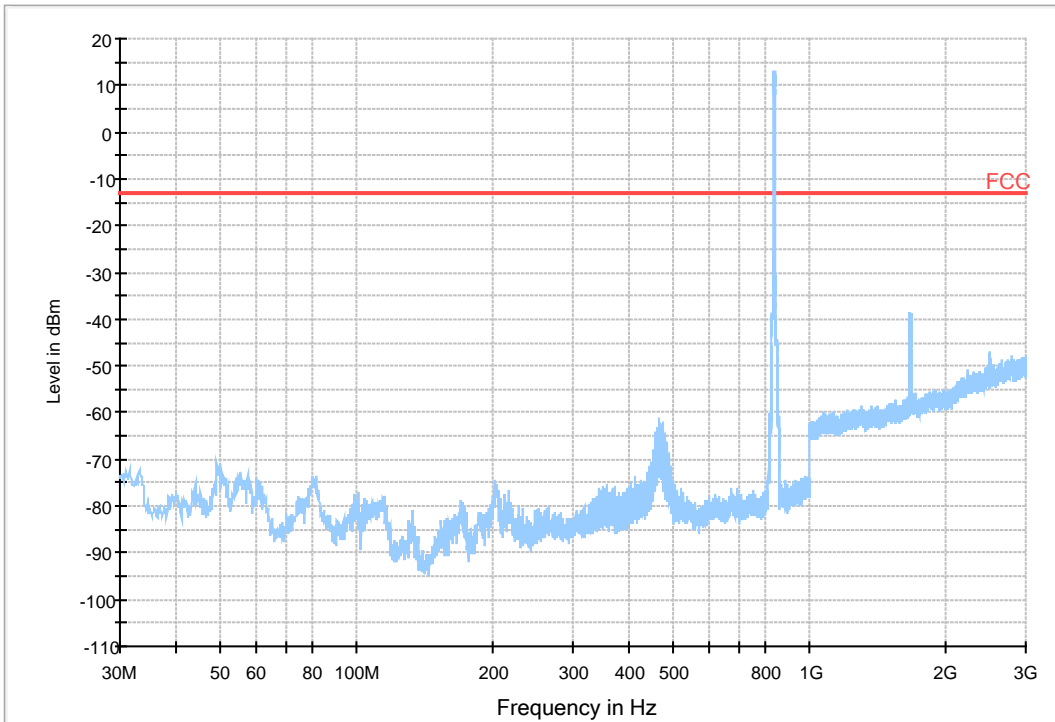
#### 7.1 For UMTS

##### 7.1.1 Test Band = WCDMA850

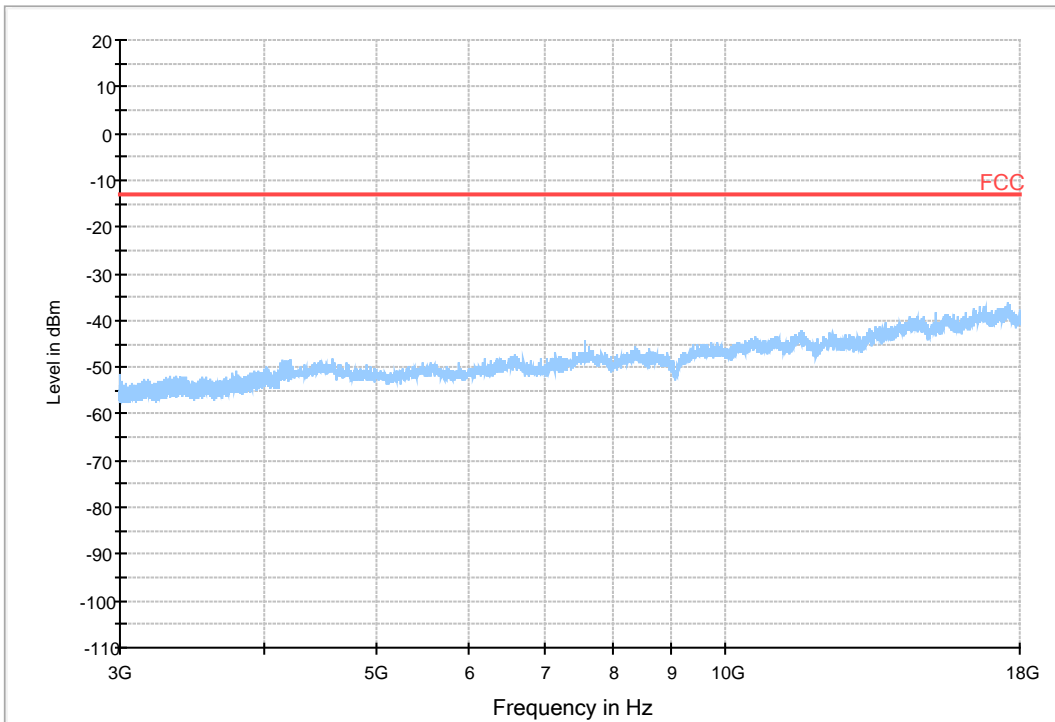
##### 7.1.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850\_L



Copy of FCC PART22 WCDMA850\_H

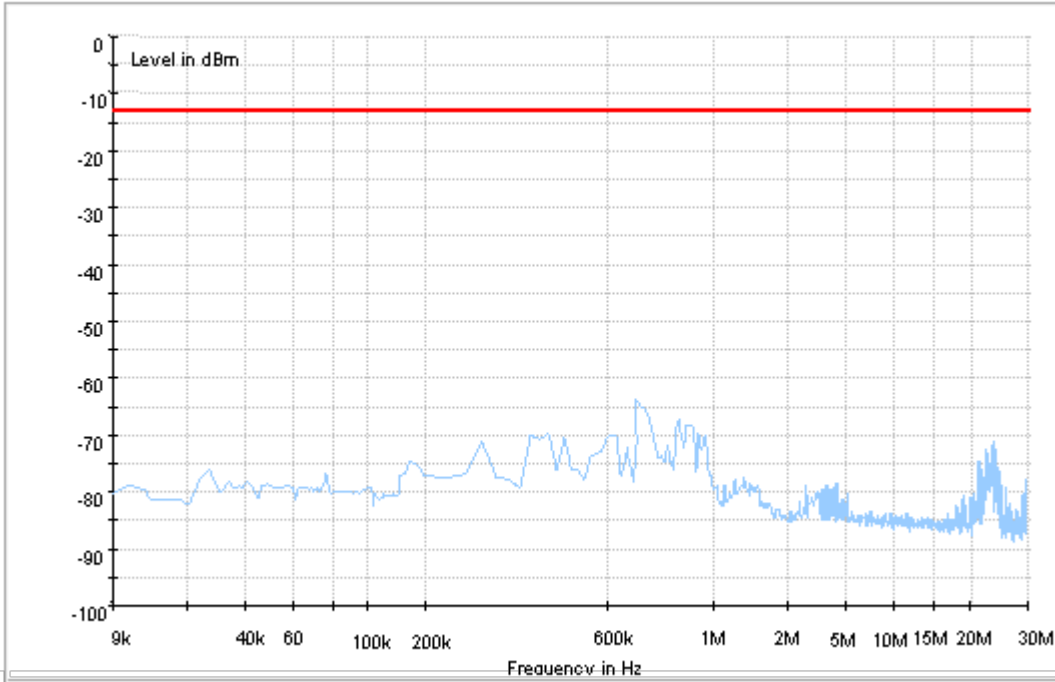


## 7.2 For LTE

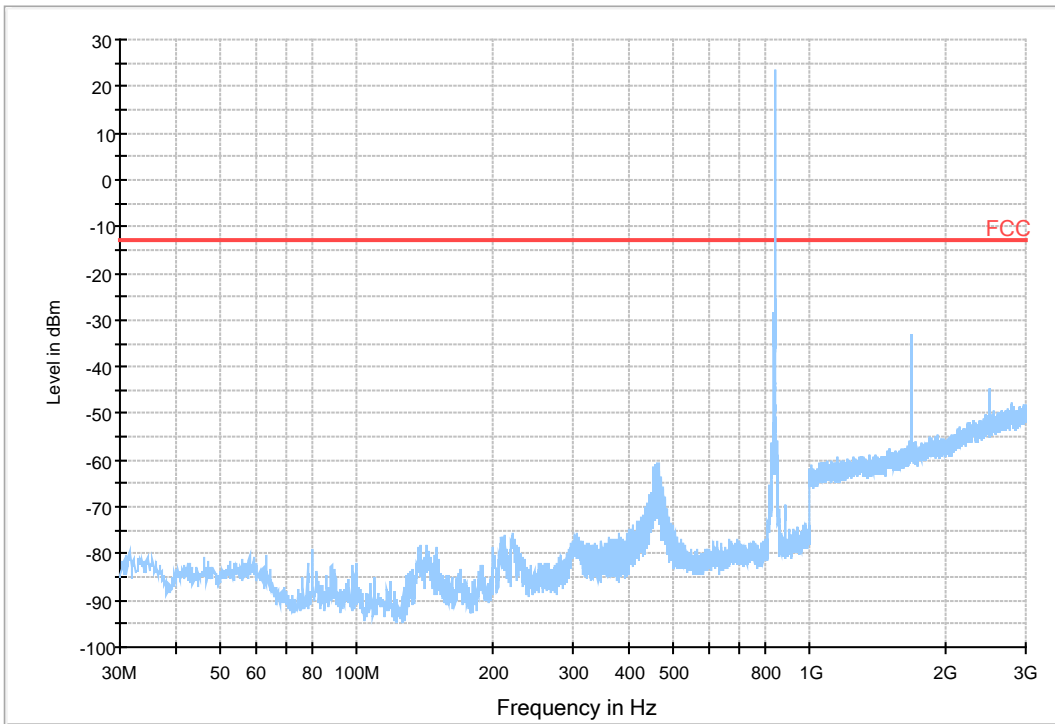
### 7.2.1 Test Band = BAND5



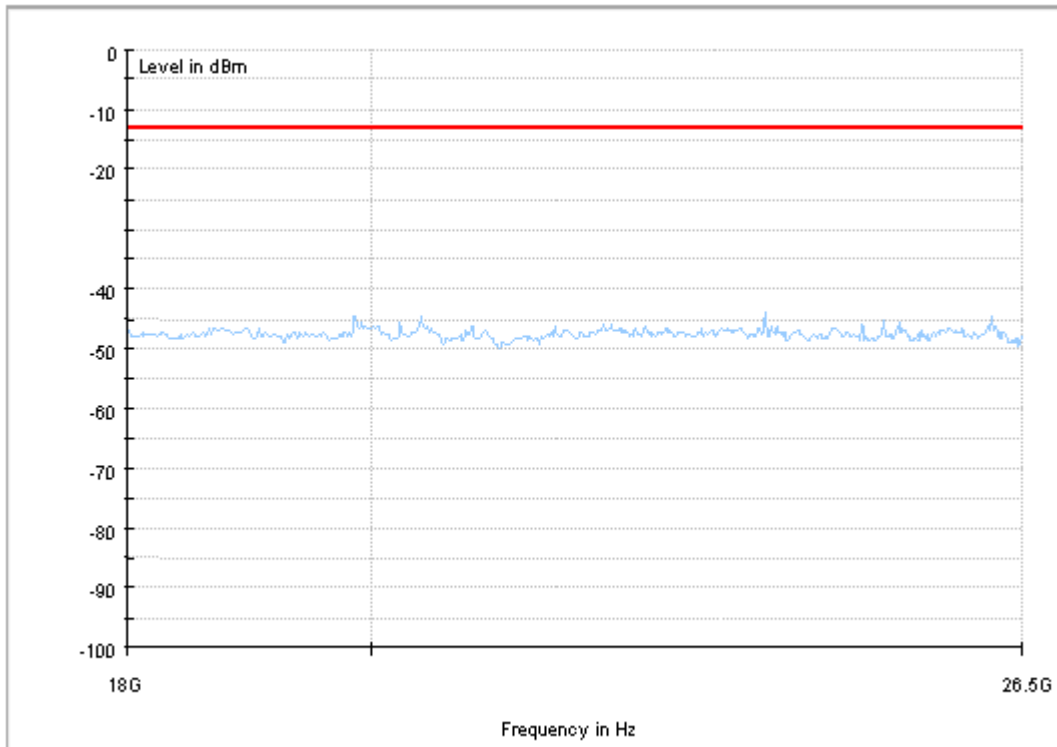
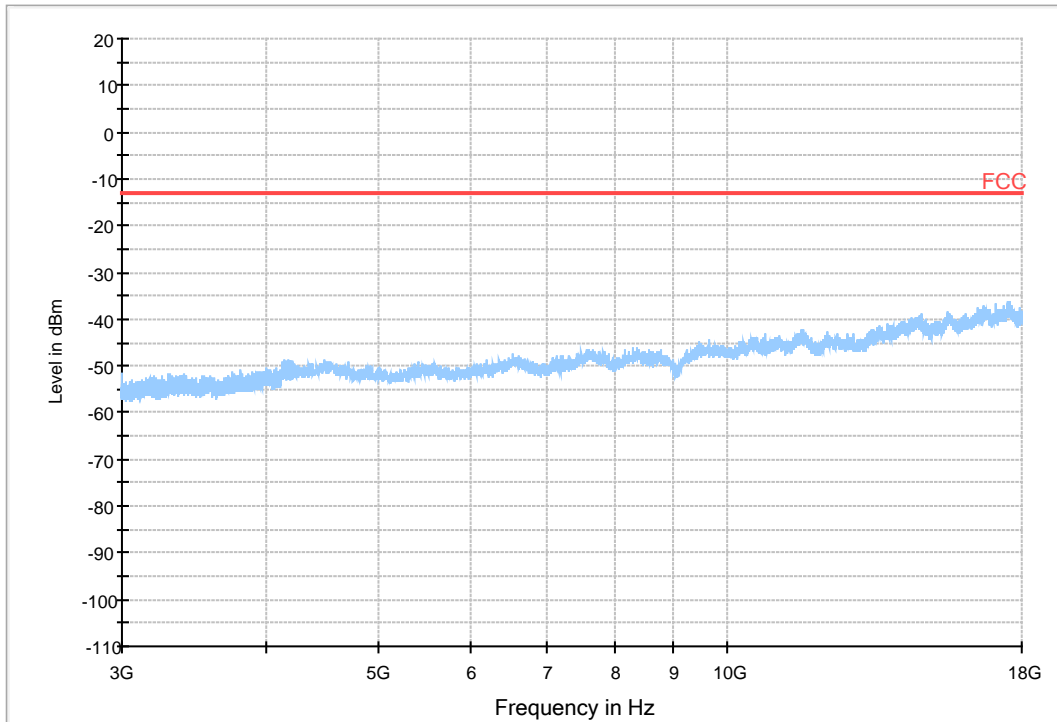
### 7.2.1.1 Test Bandwidth = 1.4



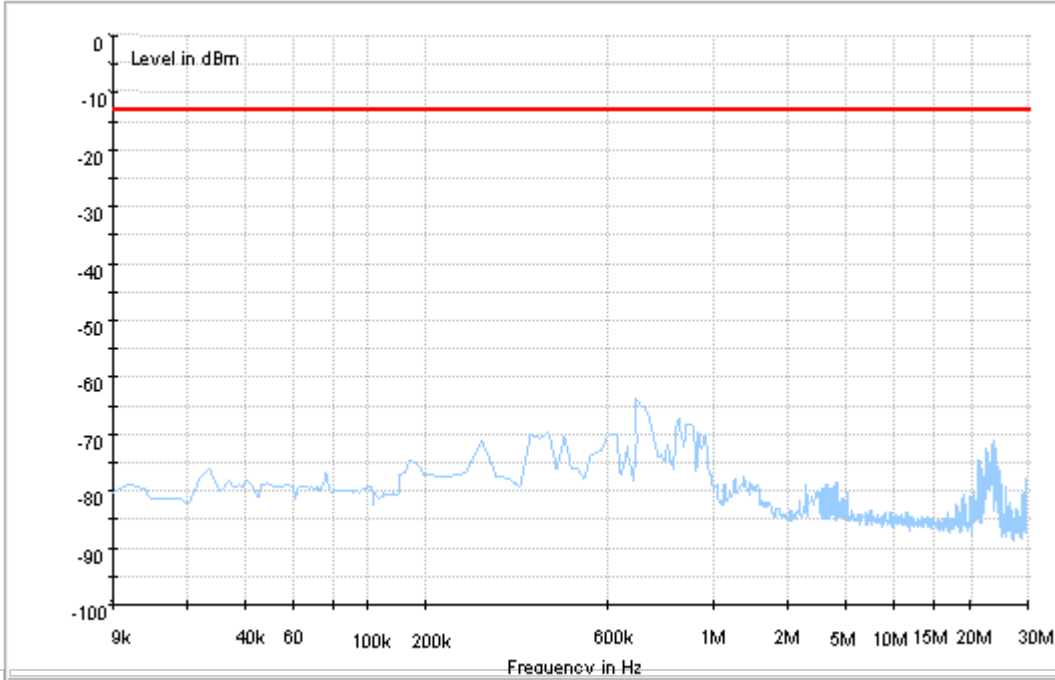
Copy of FCC PART22 LTE Band 5\_L



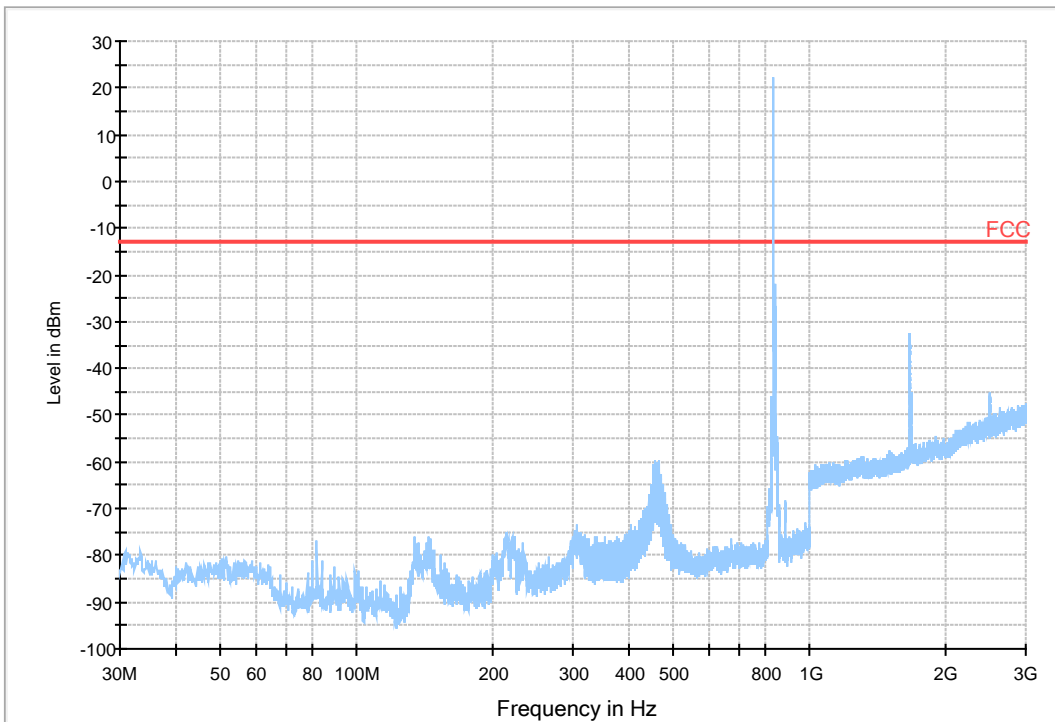
Copy of FCC PART22 LTE Band 5\_H



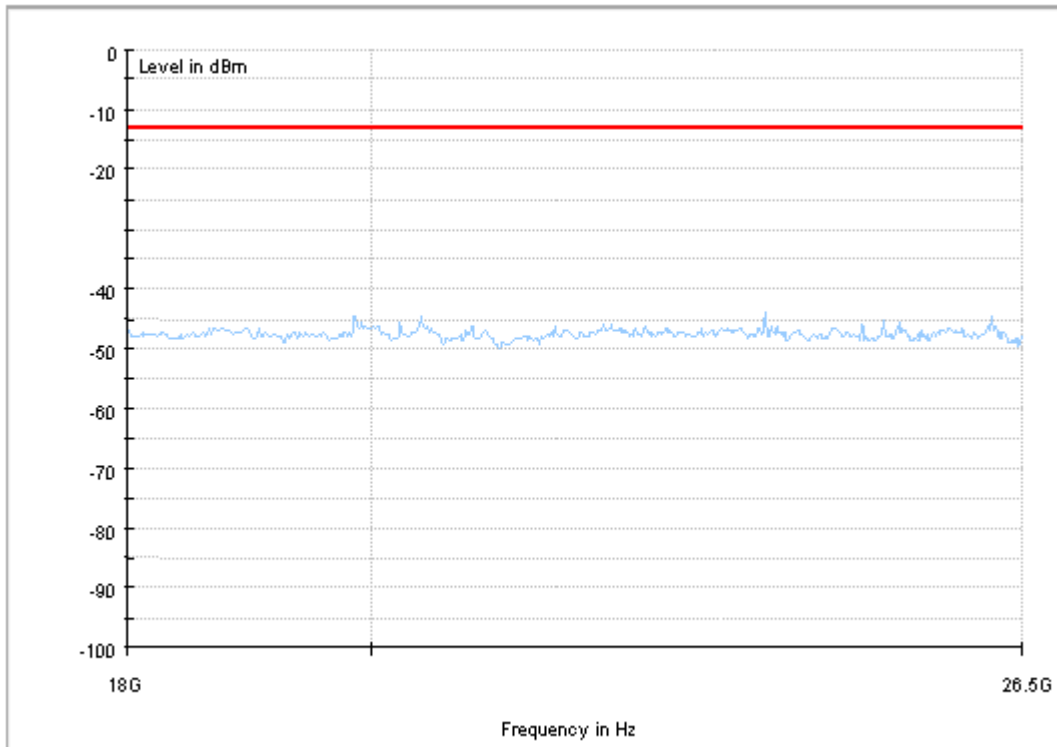
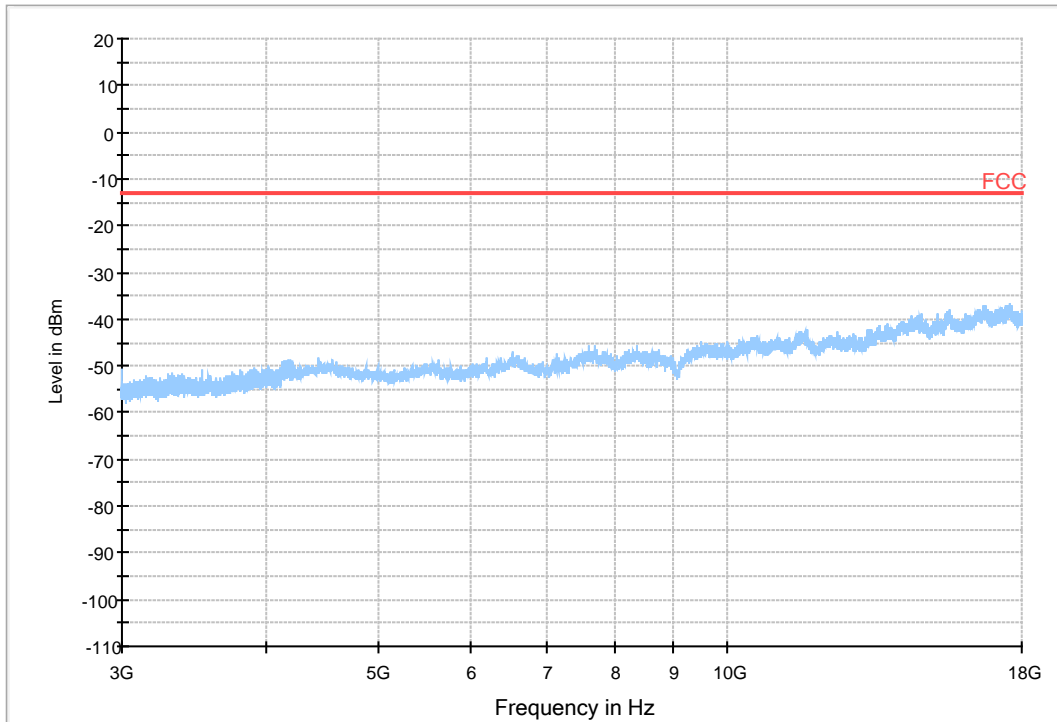
### 7.2.1.2 Test Bandwidth = 5



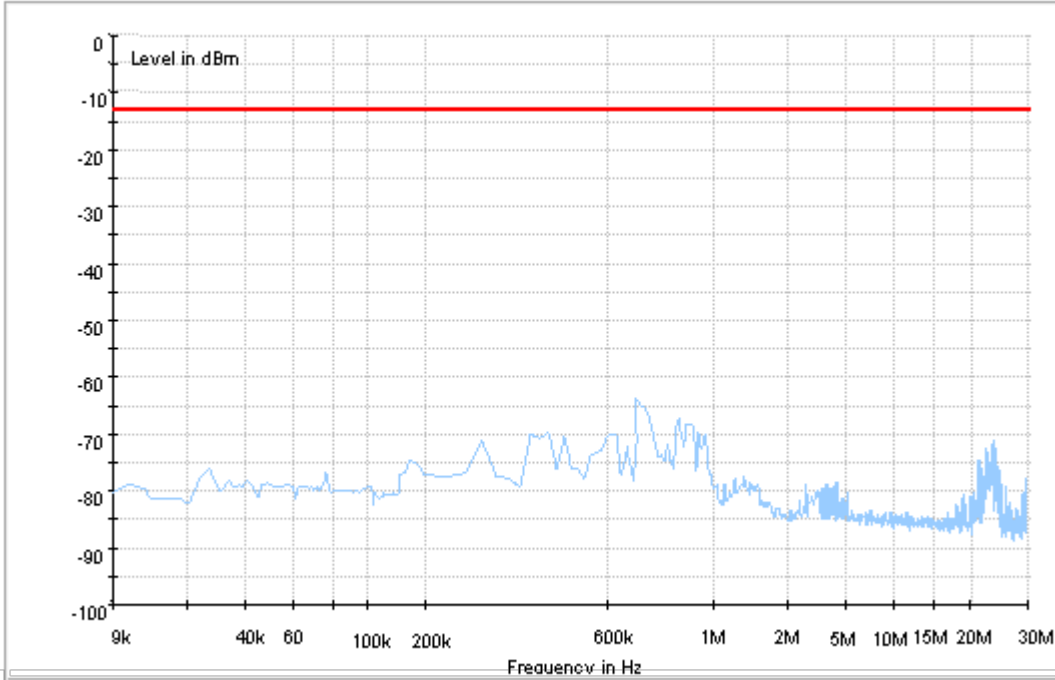
Copy of FCC PART22 LTE Band 5\_L



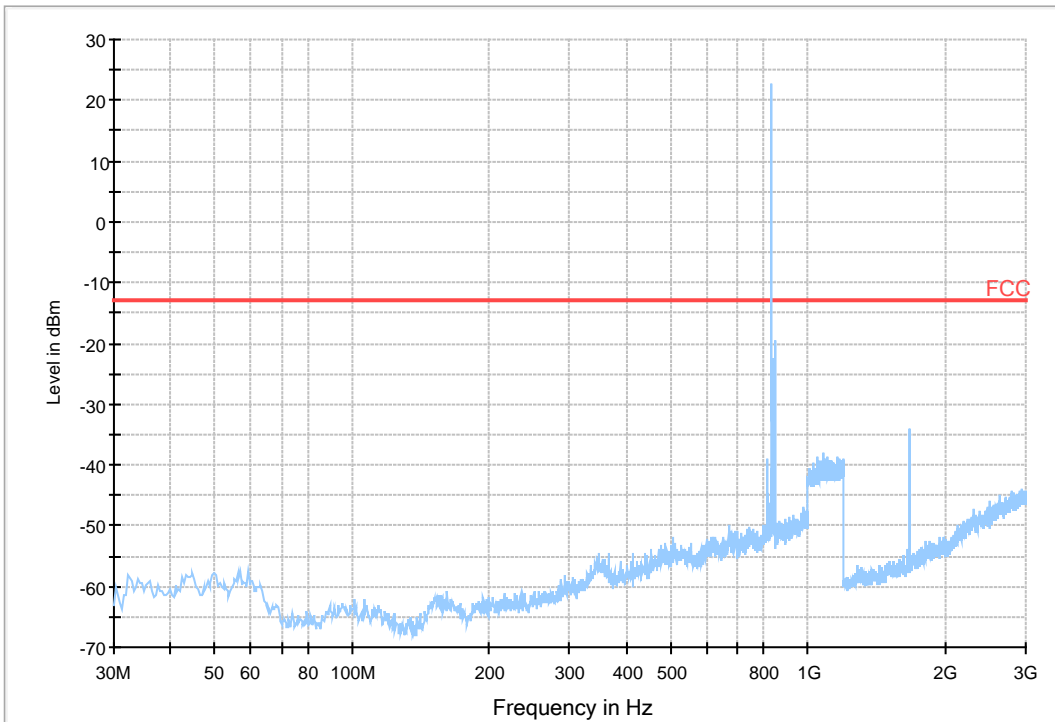
Copy of FCC PART22 LTE Band 5\_H



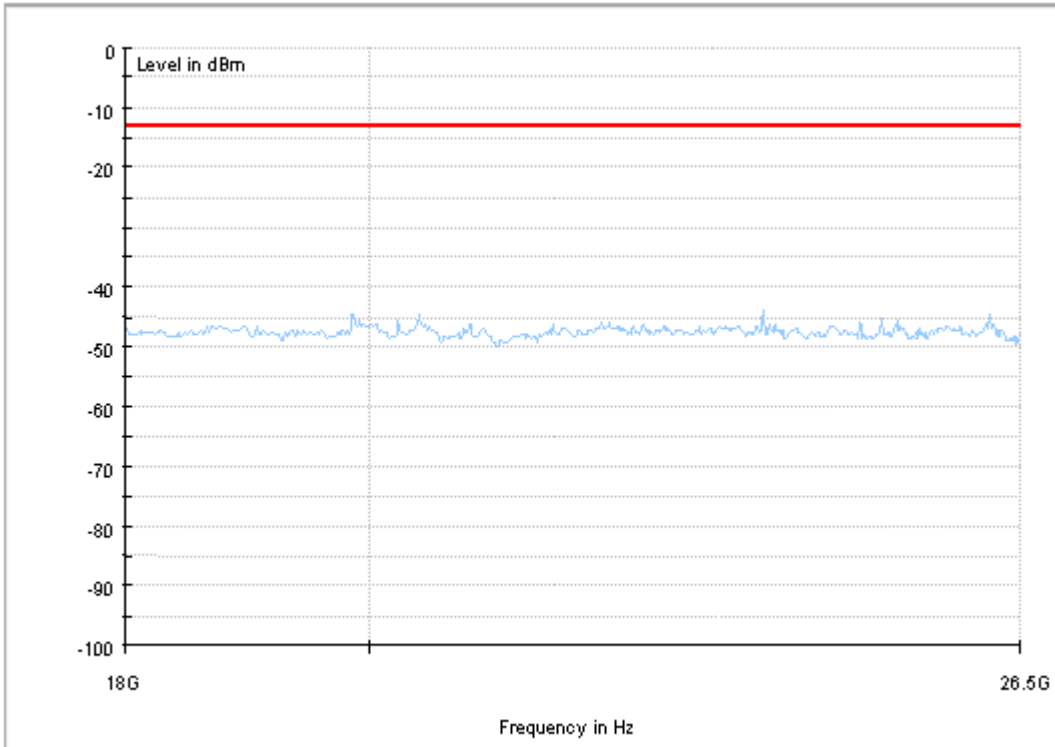
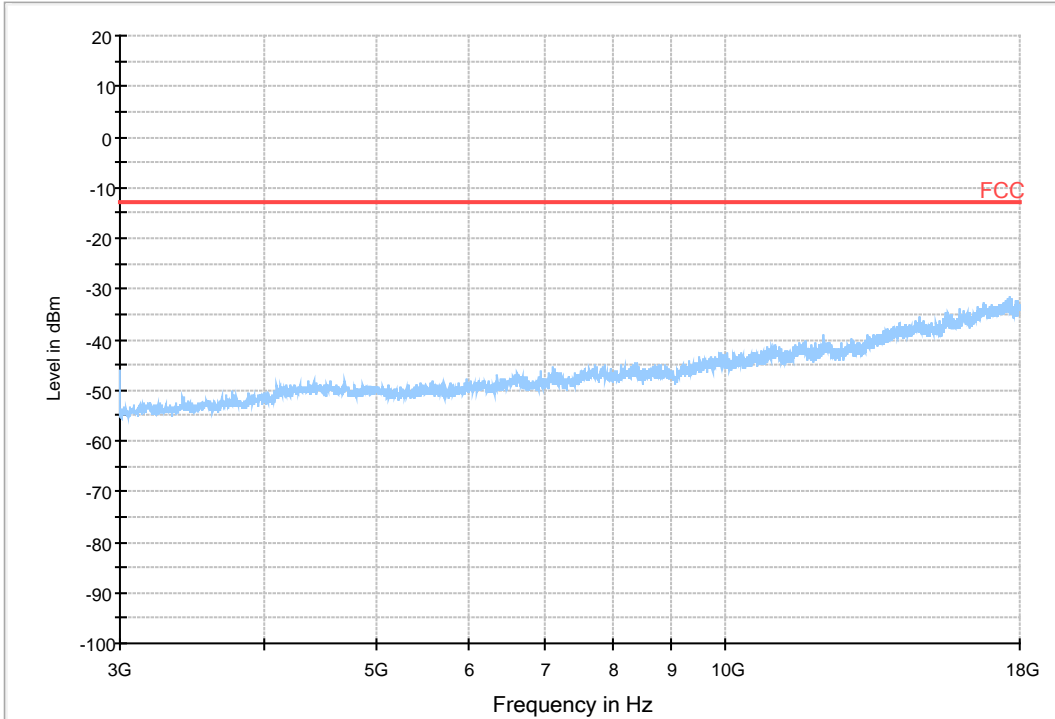
### 7.2.1.3 Test Bandwidth = 10



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



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



## 8Appendix\_H: Frequency Stability

### 8.1 For UMTS

#### 8.1.1Frequency 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	-1.08	-0.00131	PASS
				VN	1.51	0.00183	PASS
				VH	0.67	0.00081	PASS
		MCH	TN	VL	-0.26	-0.00031	PASS
				VN	0.52	0.00062	PASS
				VH	-0.84	-0.001	PASS
		HCH	TN	VL	-0.15	-0.00018	PASS
				VN	0.21	0.00025	PASS
				VH	0.35	0.00041	PASS

#### 8.1.2Frequency 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	0.95	0.00115	PASS
				-20	0.08	0.0001	PASS
				-10	-0.18	-0.00022	PASS
				0	-1.51	-0.00183	PASS
				10	-0.11	-0.00013	PASS
				20	1.22	0.00148	PASS
				30	-0.50	-0.00061	PASS
		MCH	VN	40	1.33	0.00161	PASS
				50	1.98	0.0024	PASS
				-30	0.05	0.00006	PASS
				-20	-0.11	-0.00013	PASS
				-10	0.56	0.00067	PASS
				0	0.79	0.00094	PASS
				10	-1.95	-0.00233	PASS
20	1.50	0.00179	PASS				
30	1.60	0.00191	PASS				

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				40	2.12	0.00253	PASS
				50	-1.86	-0.00222	PASS
		HCH	VN	-30	-0.08	-0.00009	PASS
				-20	0.78	0.00092	PASS
				-10	-0.47	-0.00056	PASS
				0	-1.72	-0.00203	PASS
				10	-1.16	-0.00137	PASS
				20	-2.06	-0.00243	PASS
				30	-0.08	-0.00009	PASS
				40	-2.38	-0.00281	PASS
				50	0.03	0.00004	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
BAND5	LTE/TM1	1.4	LCH	TN	VL	-1.62	-0.00196	PASS
					VN	-1.40	-0.0017	PASS
					VH	-0.83	-0.00101	PASS
			MCH	TN	VL	-1.77	-0.00212	PASS
					VN	-1.79	-0.00214	PASS
					VH	-0.74	-0.00088	PASS
			HCH	TN	VL	-1.23	-0.00145	PASS
					VN	-1.59	-0.00187	PASS
					VH	-0.76	-0.0009	PASS
		3	LCH	TN	VL	-1.62	-0.00196	PASS
					VN	-2.65	-0.00321	PASS
					VH	-1.36	-0.00165	PASS
			MCH	TN	VL	0.97	0.00116	PASS
					VN	0.59	0.00071	PASS
					VH	-0.31	-0.00037	PASS
			HCH	TN	VL	-1.34	-0.00158	PASS
					VN	-1.54	-0.00182	PASS
					VH	-1.14	-0.00135	PASS
		5	LCH	TN	VL	-0.79	-0.00096	PASS
					VN	-0.87	-0.00105	PASS
					VH	-1.13	-0.00137	PASS