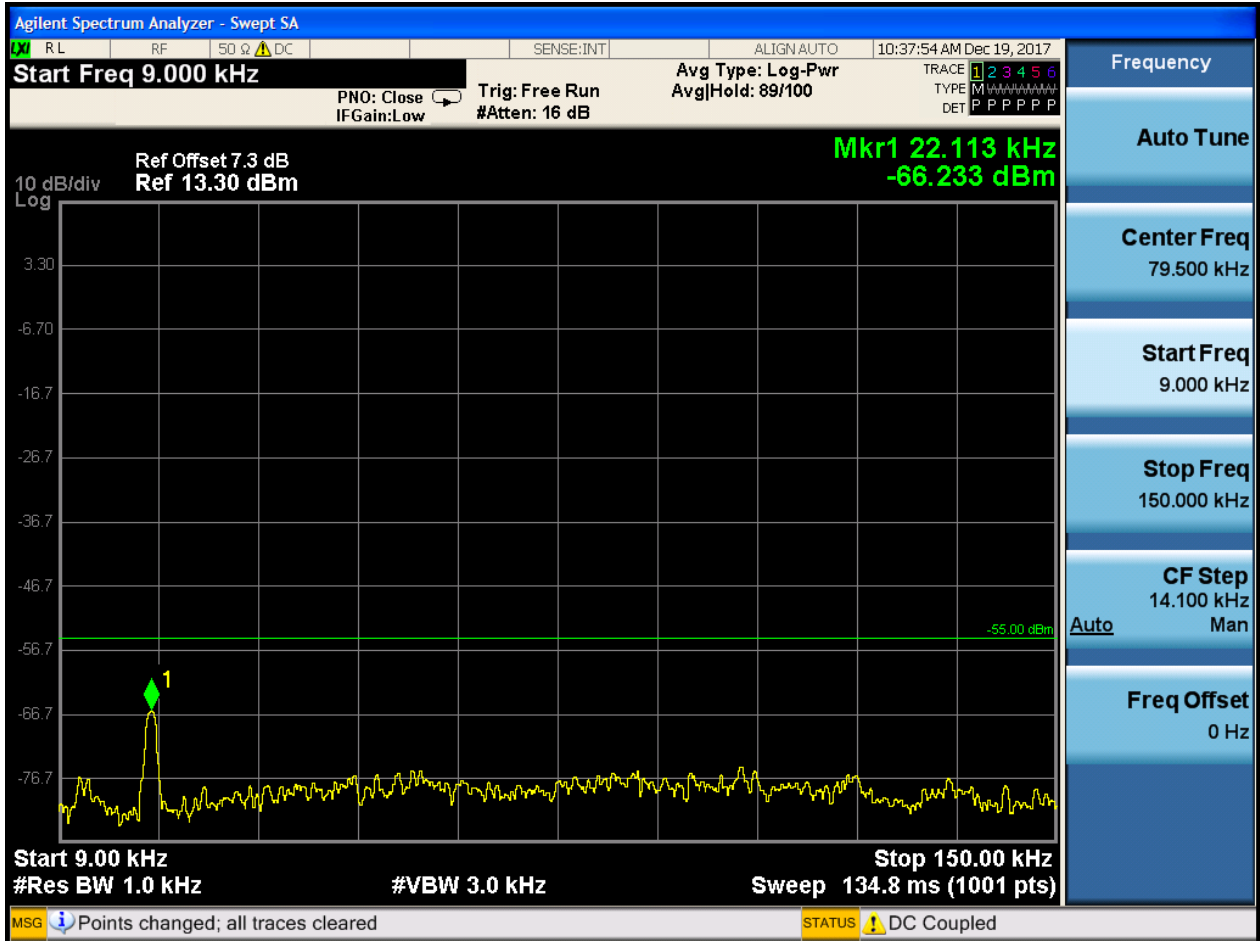






6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





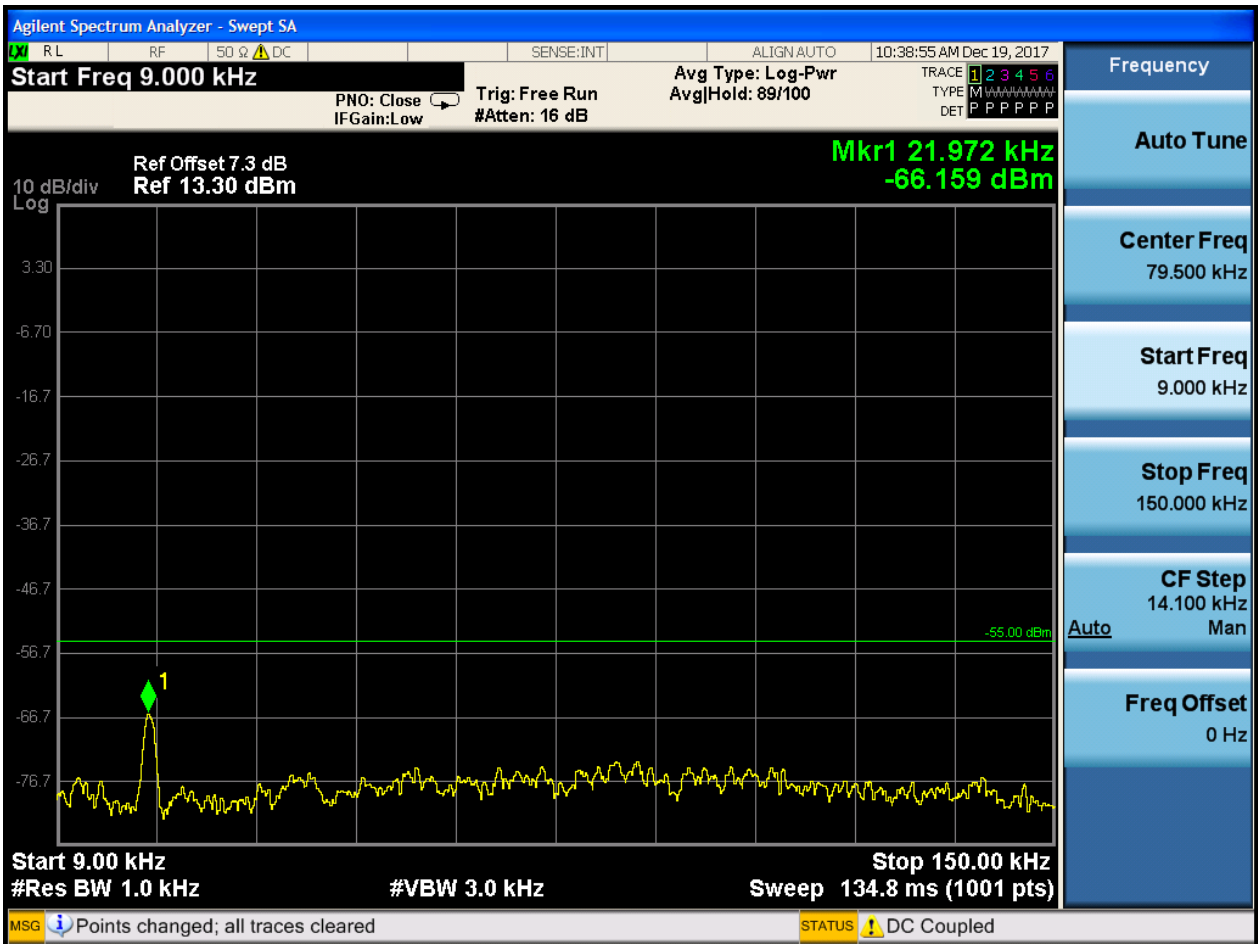




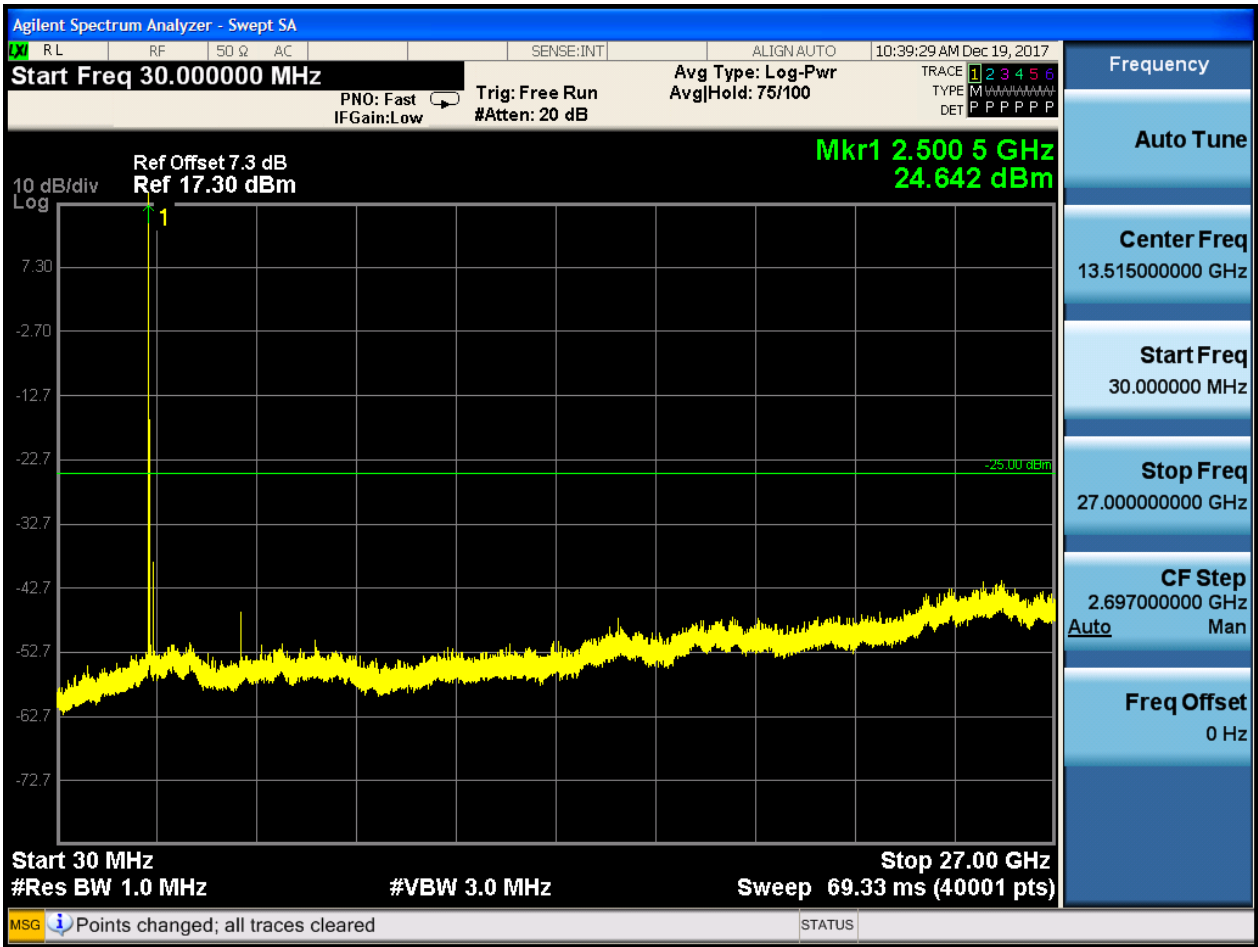
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



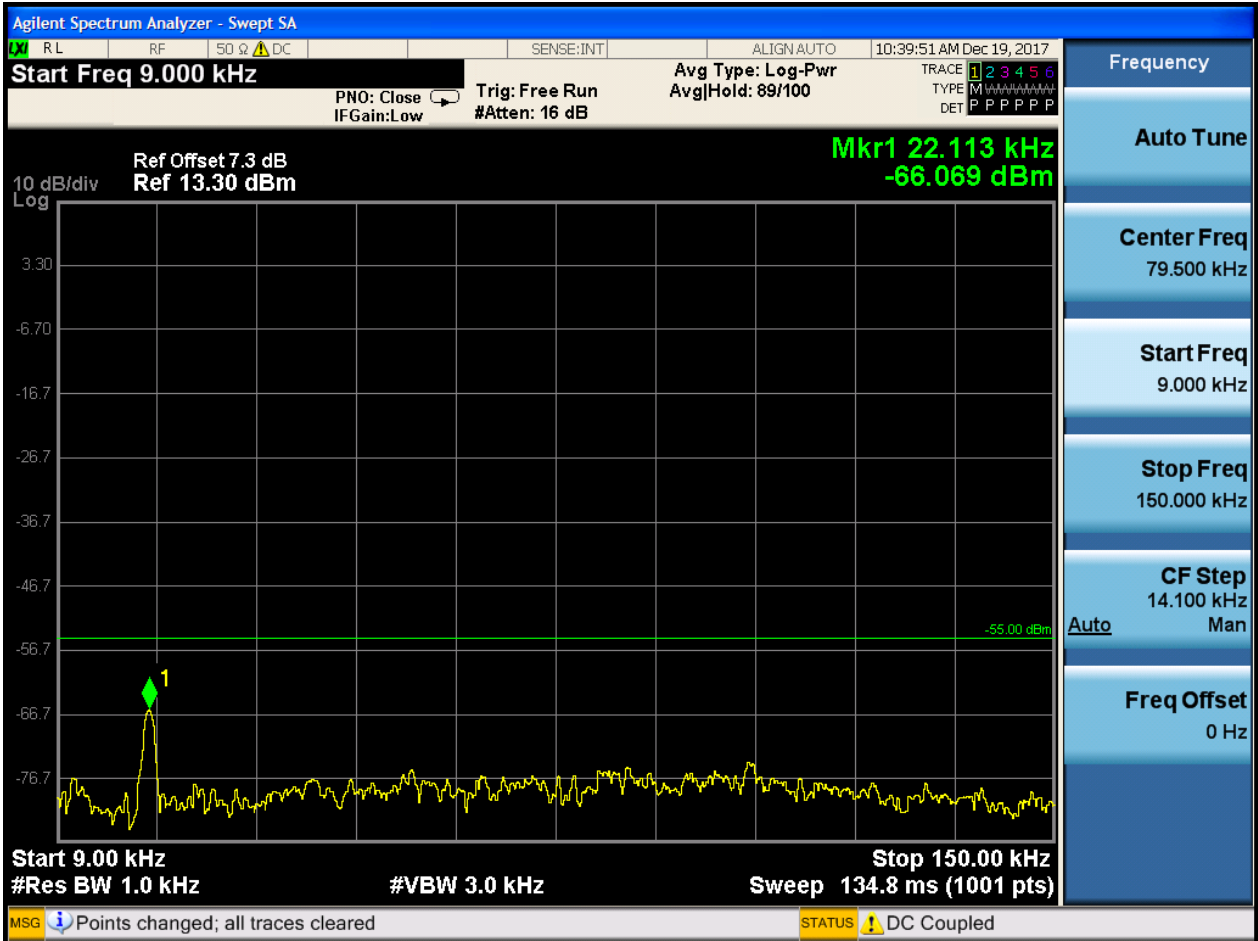






6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0





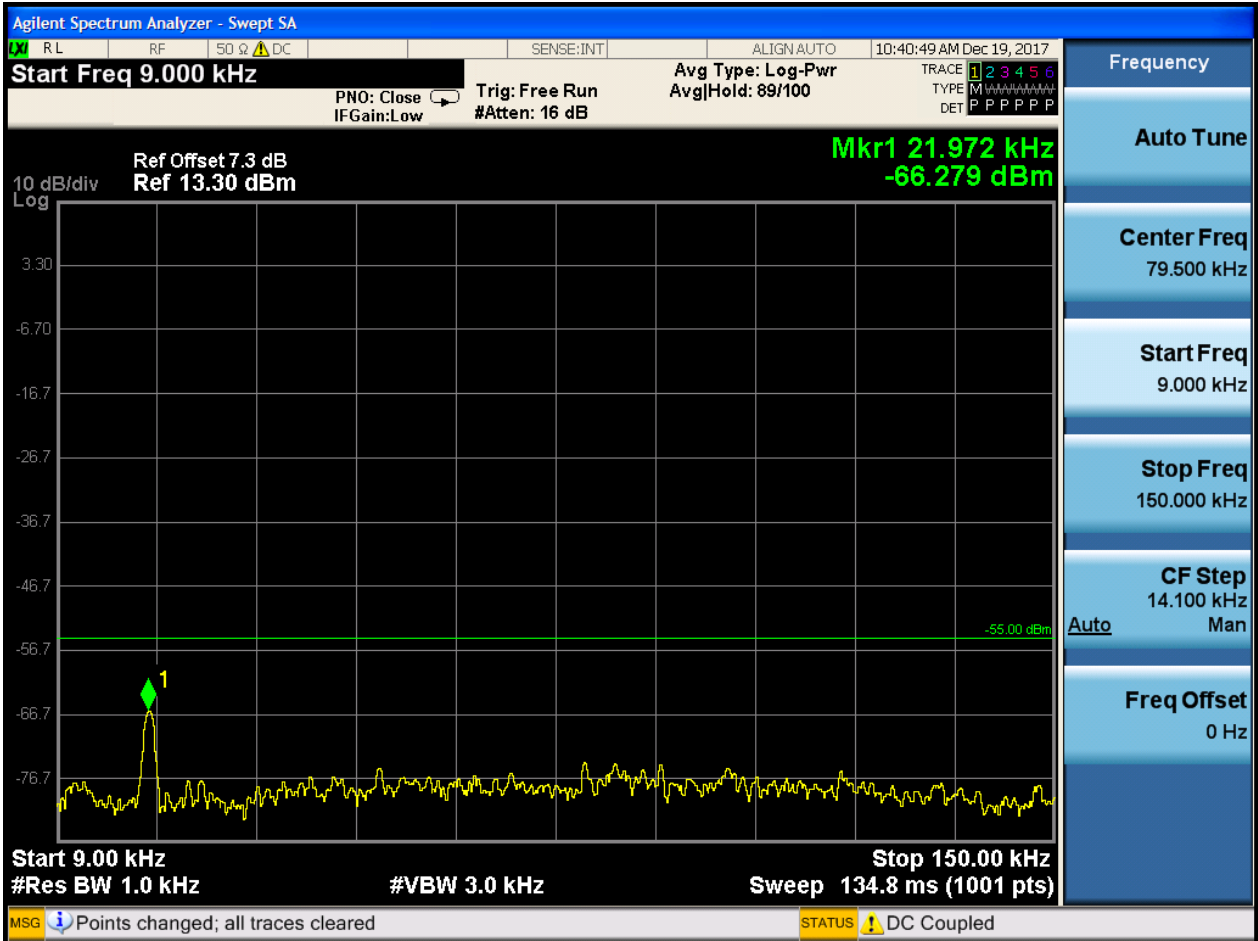






6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





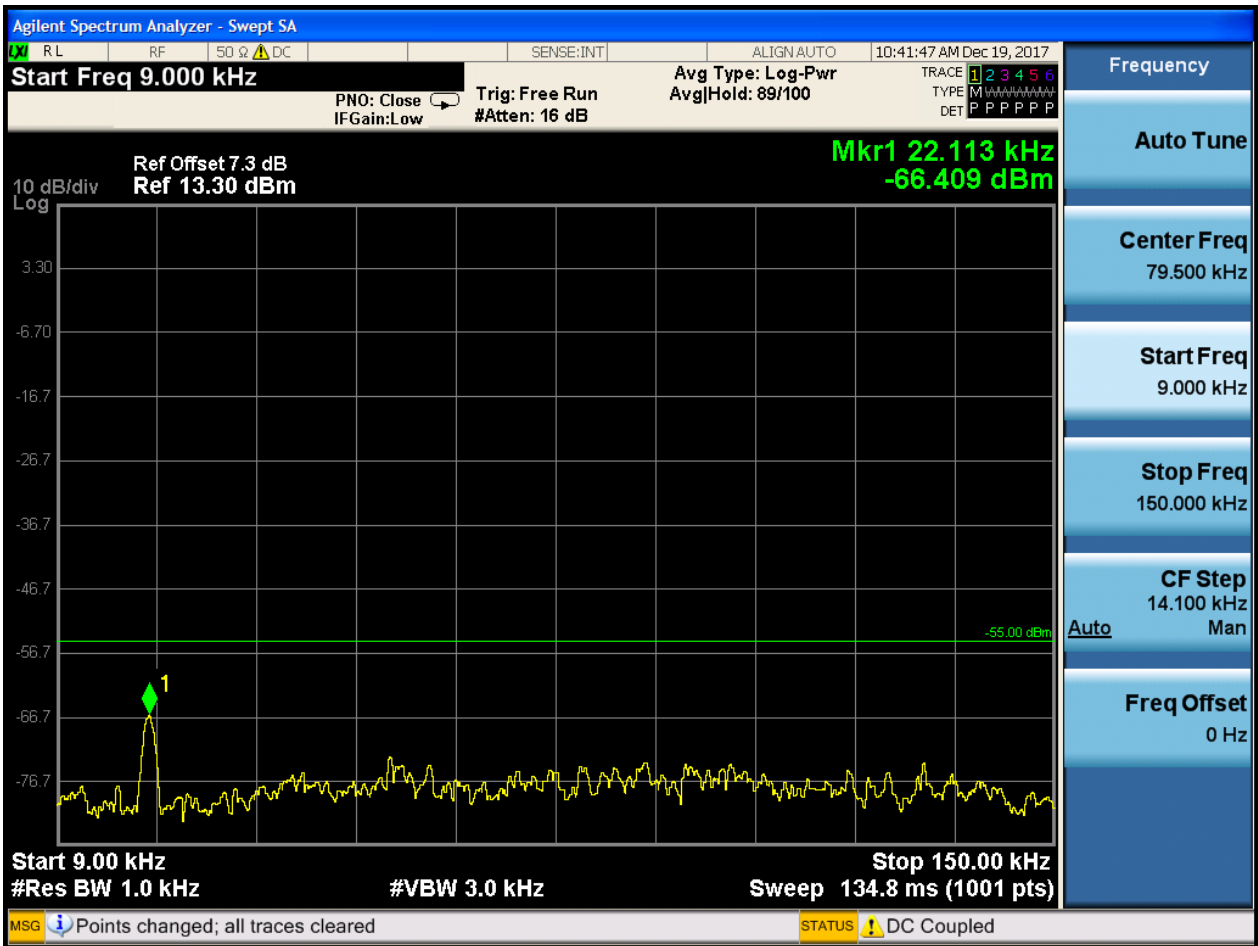


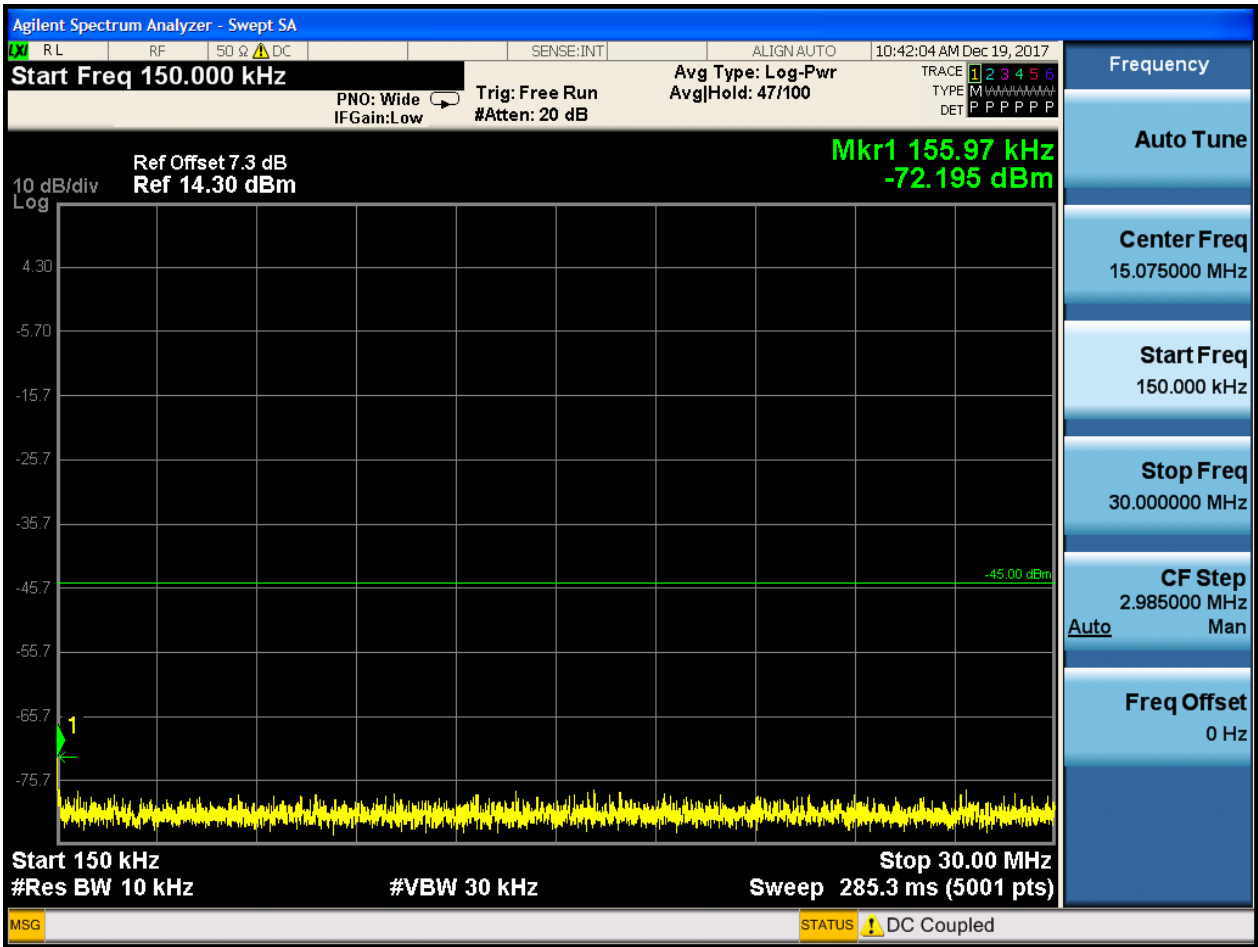


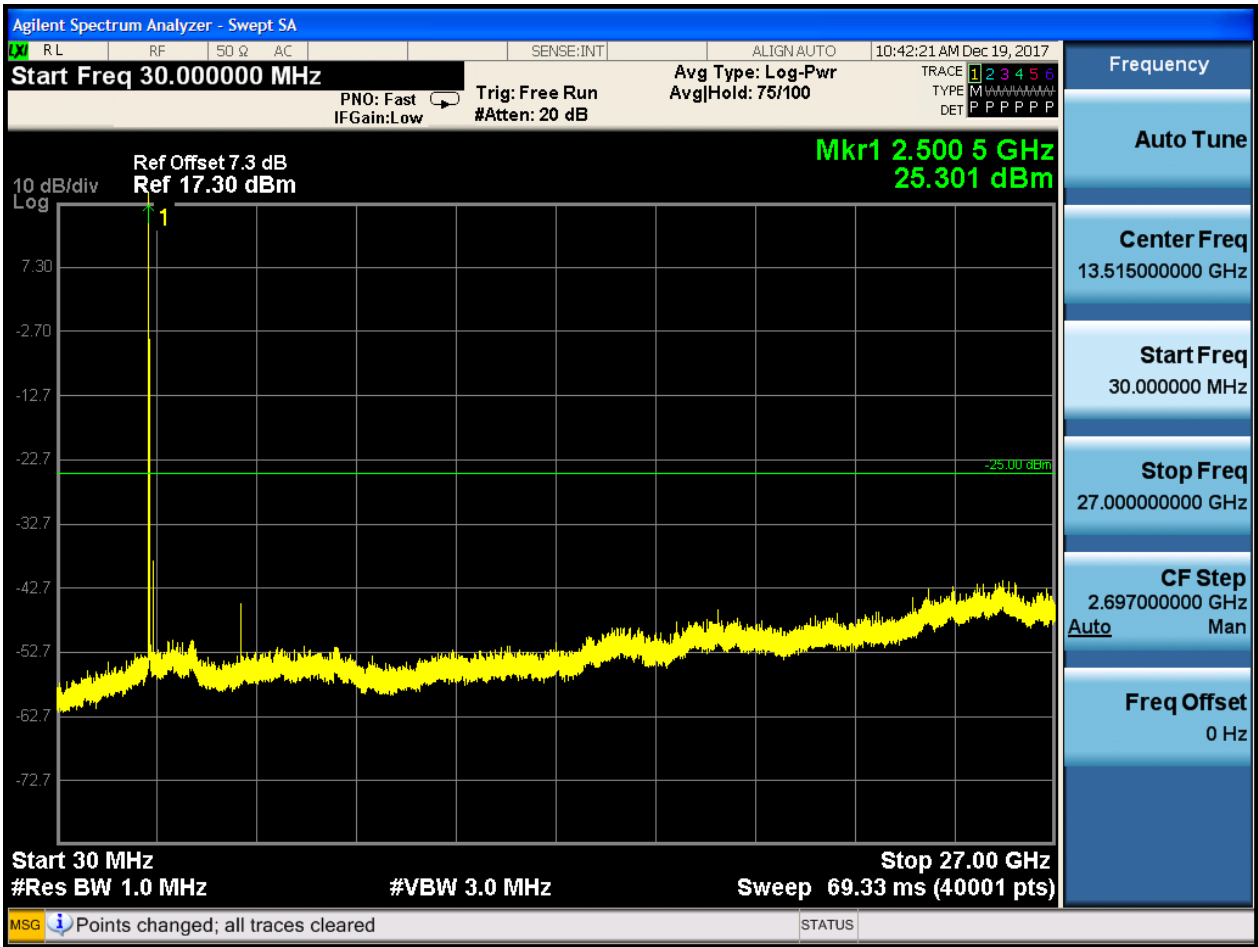
6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0





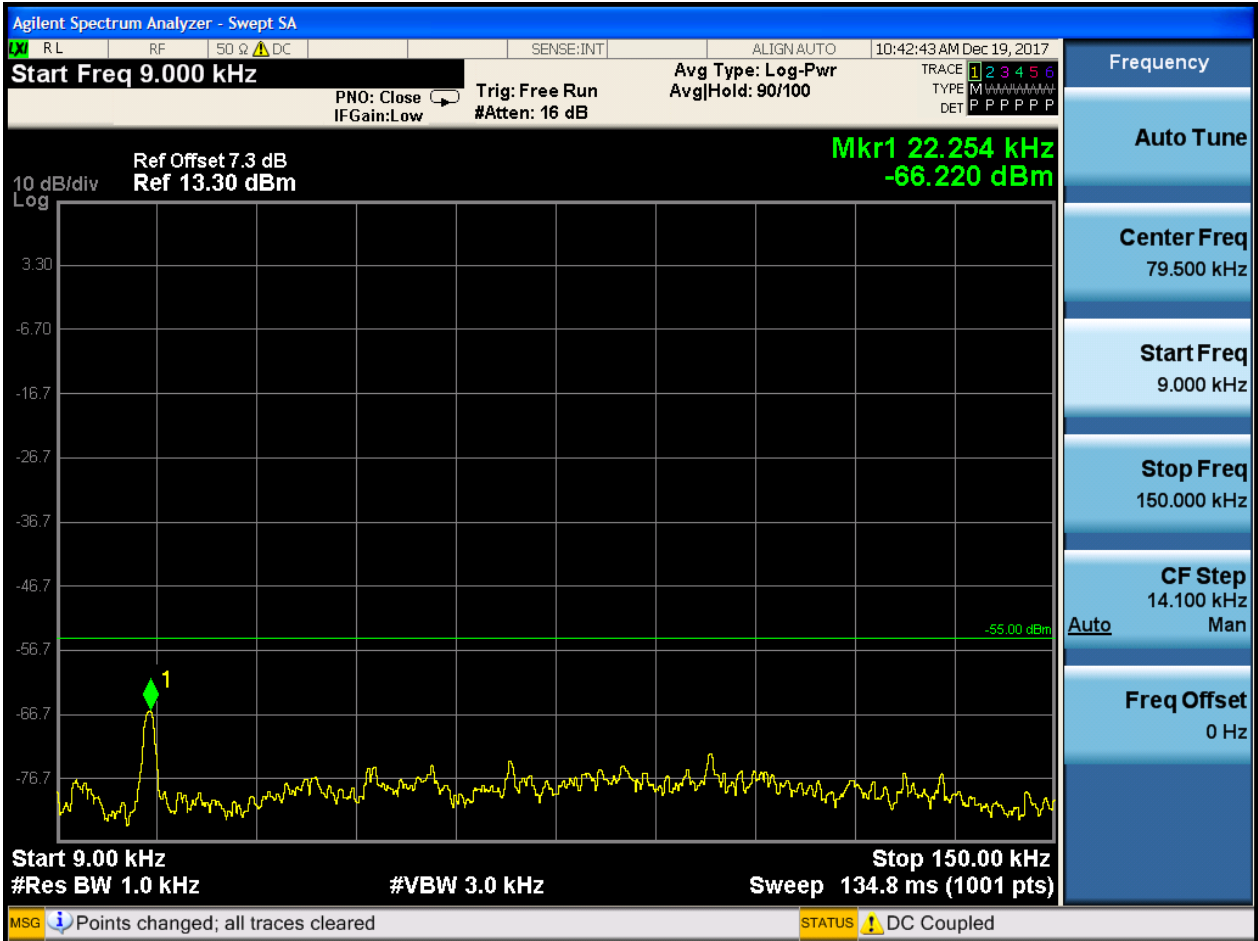


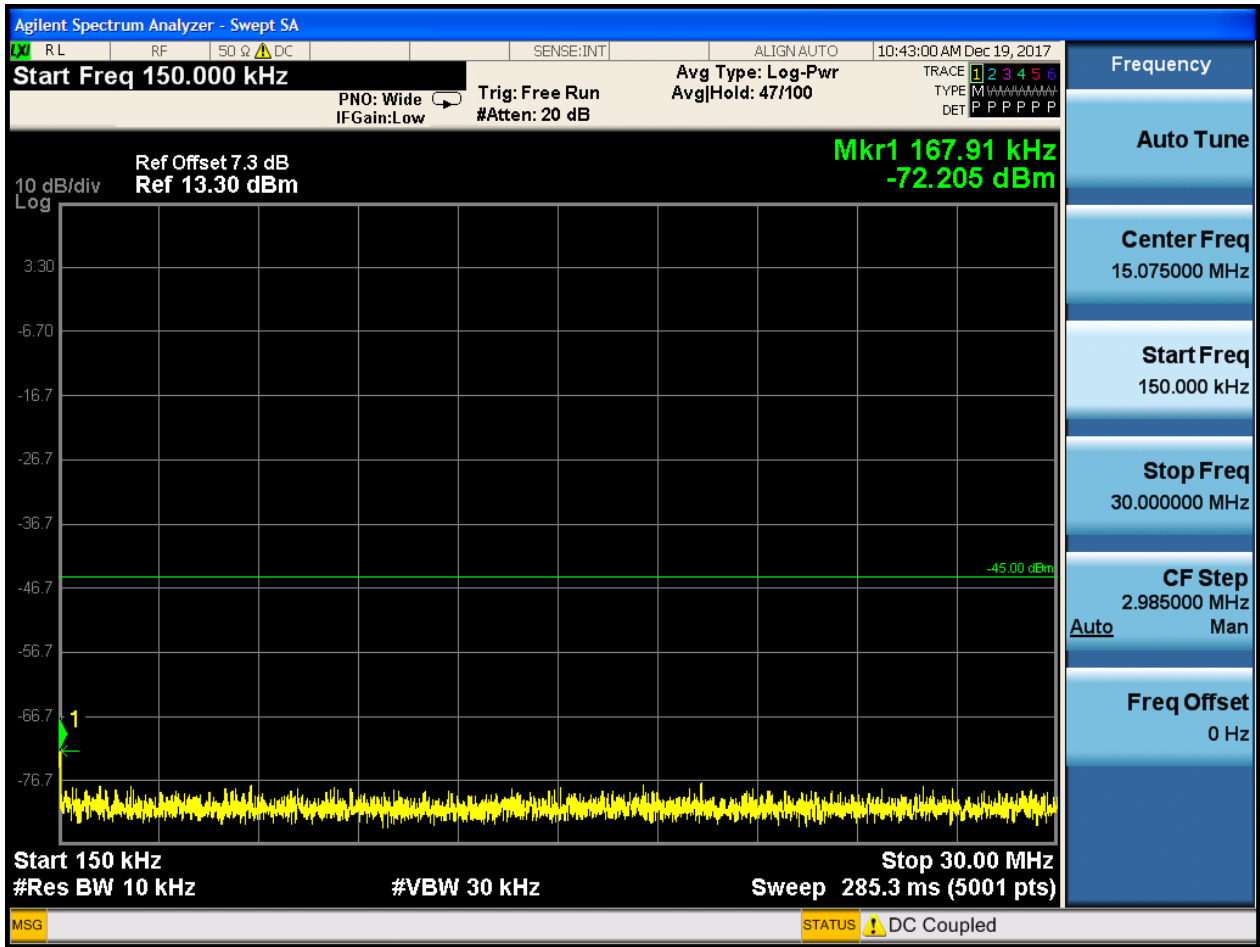




6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0



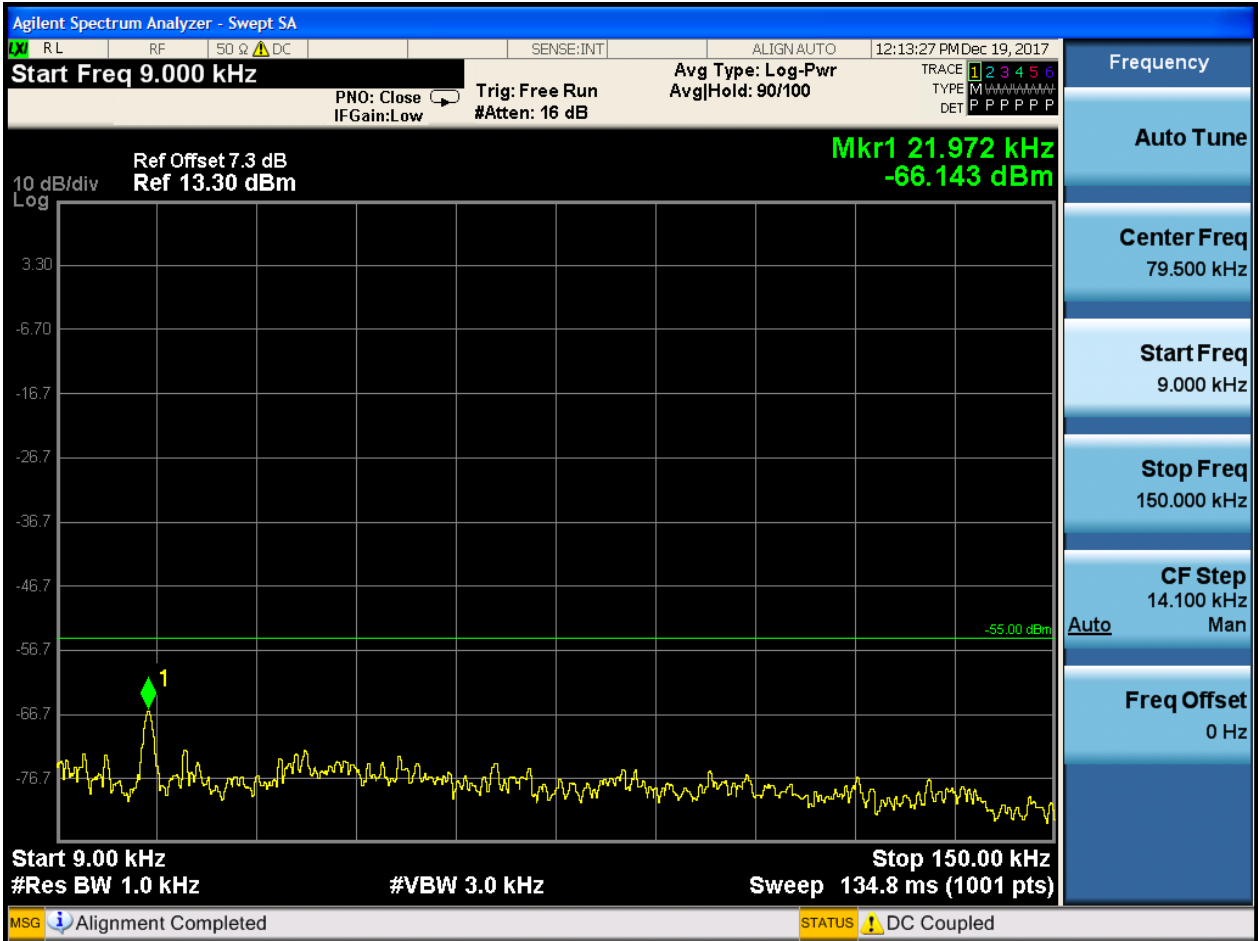


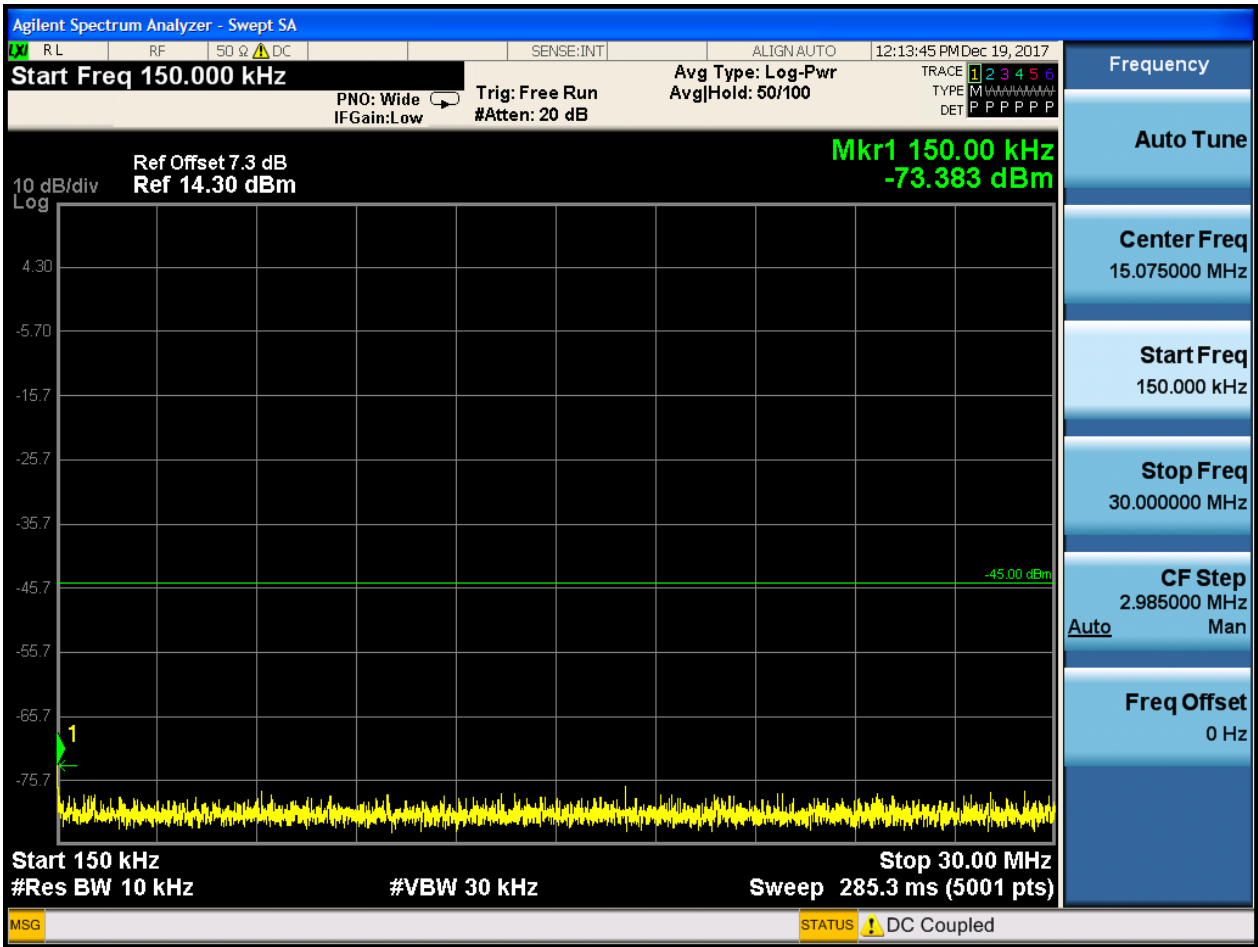




6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





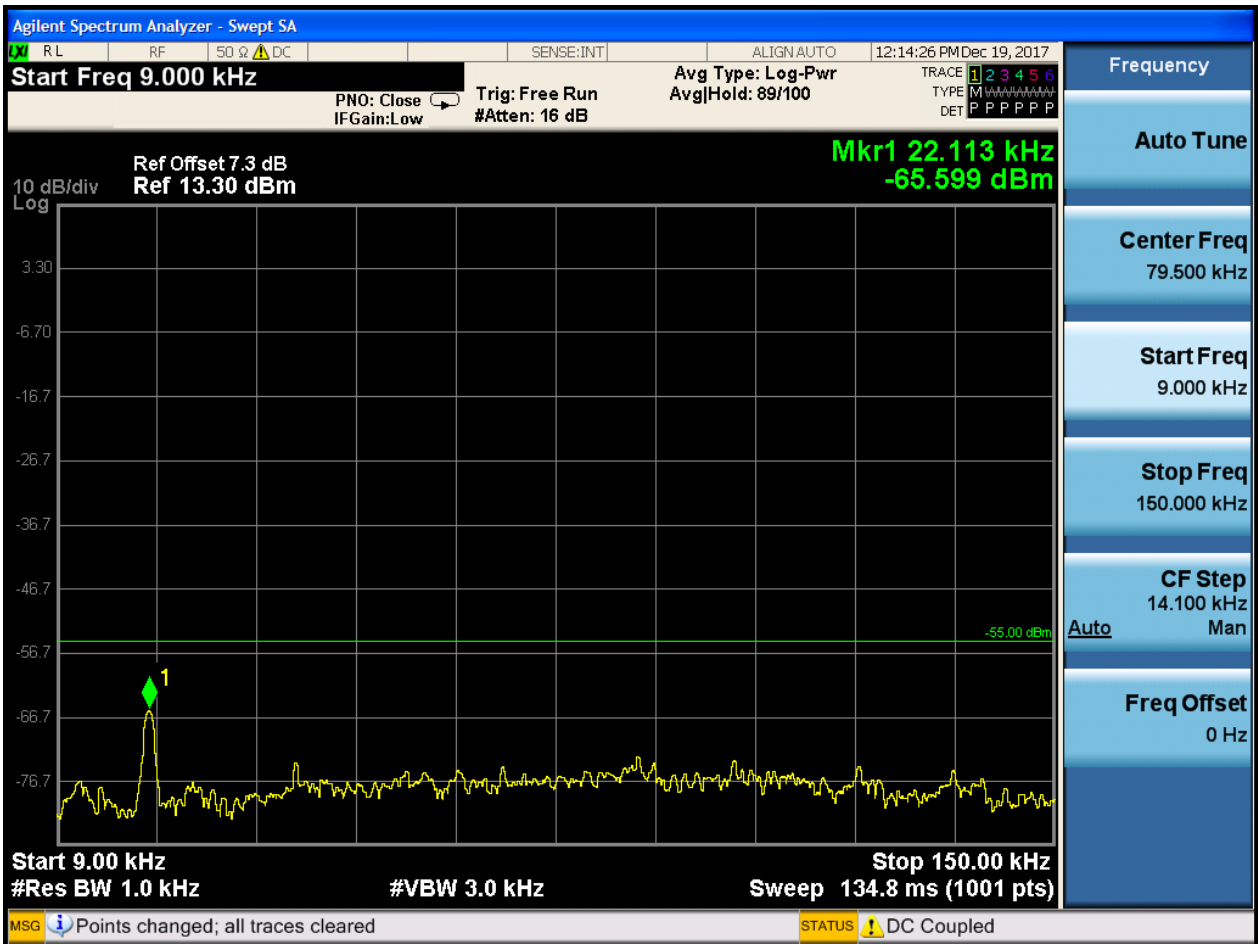


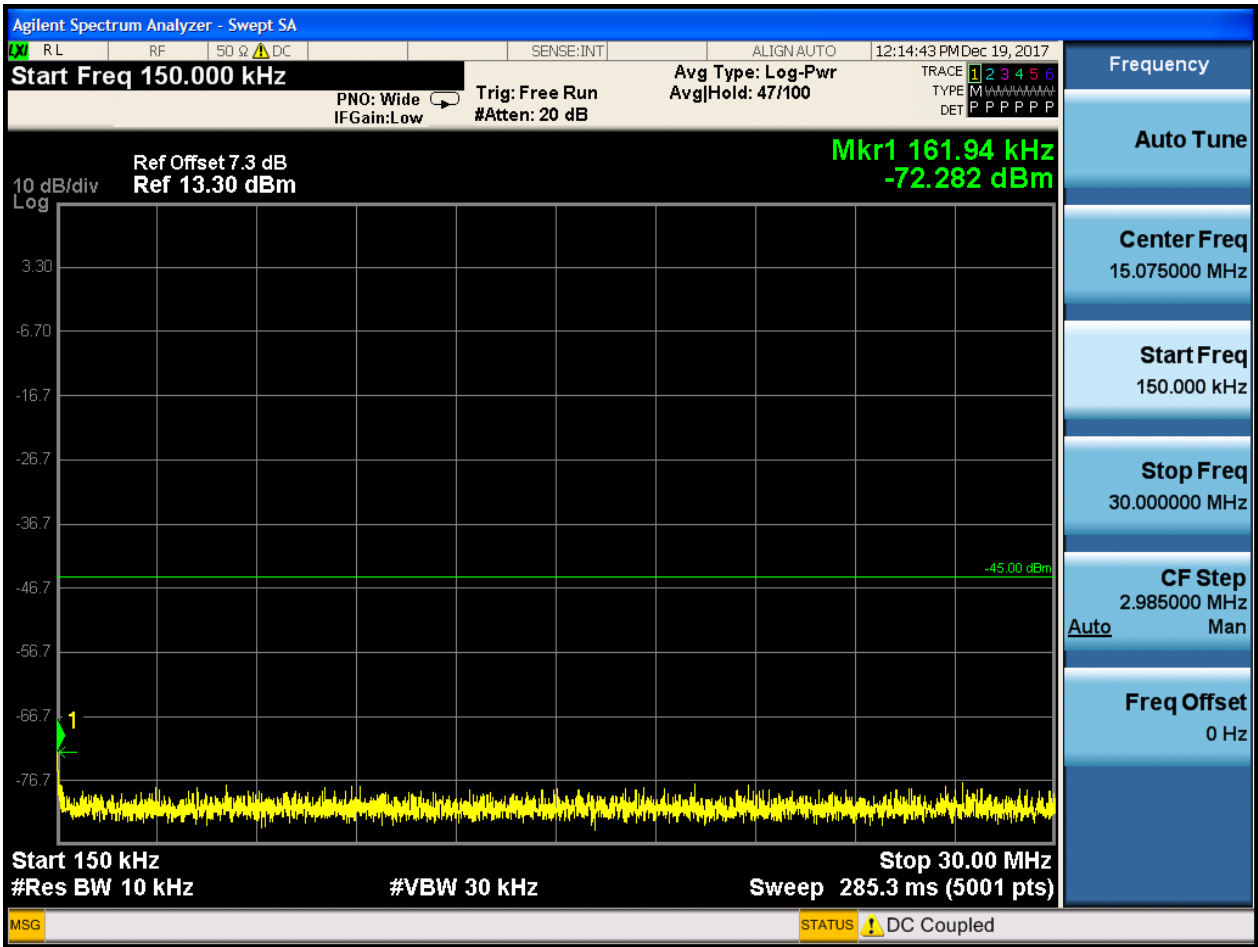


6.1.1.1.4 Test Bandwidth = 20

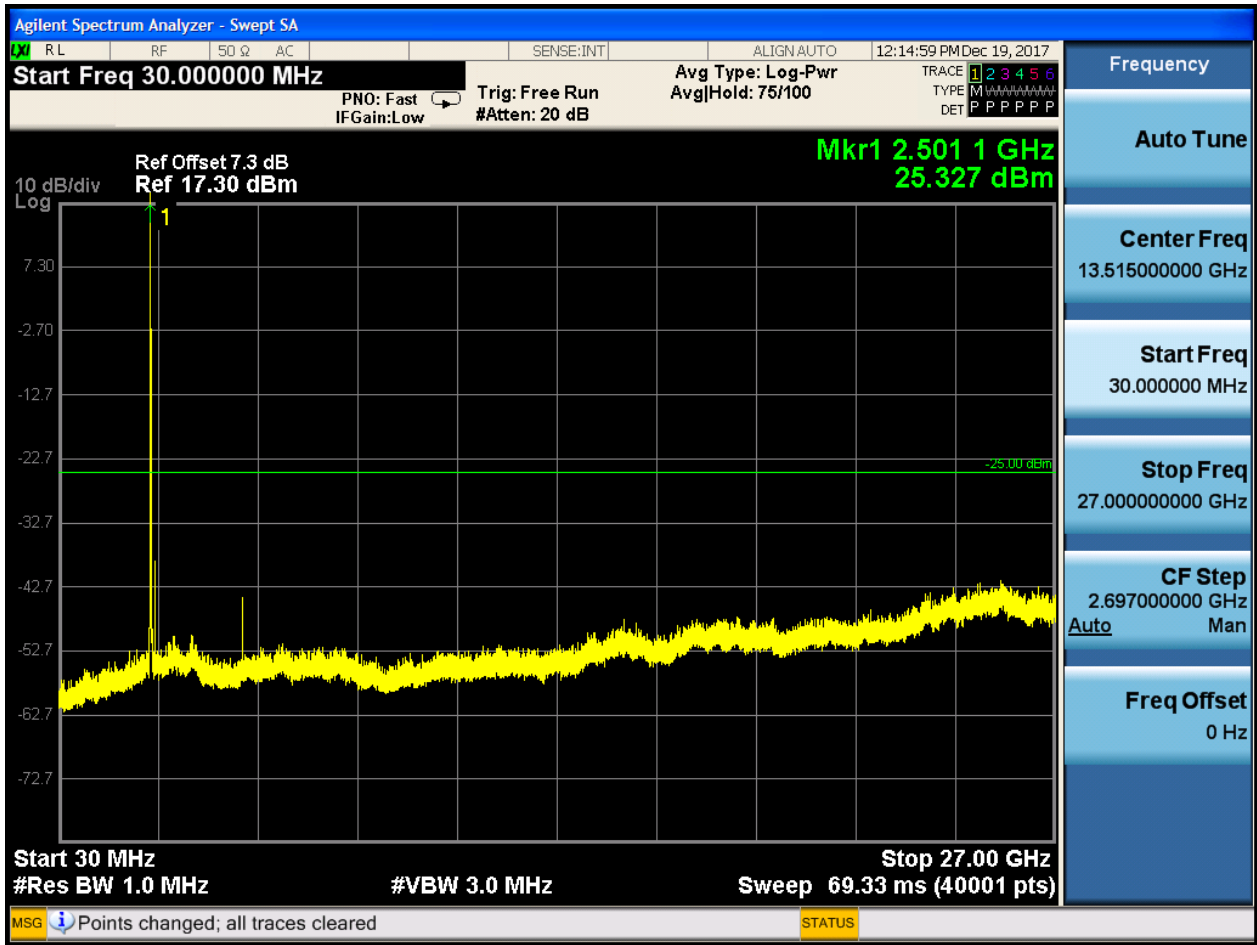
6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0





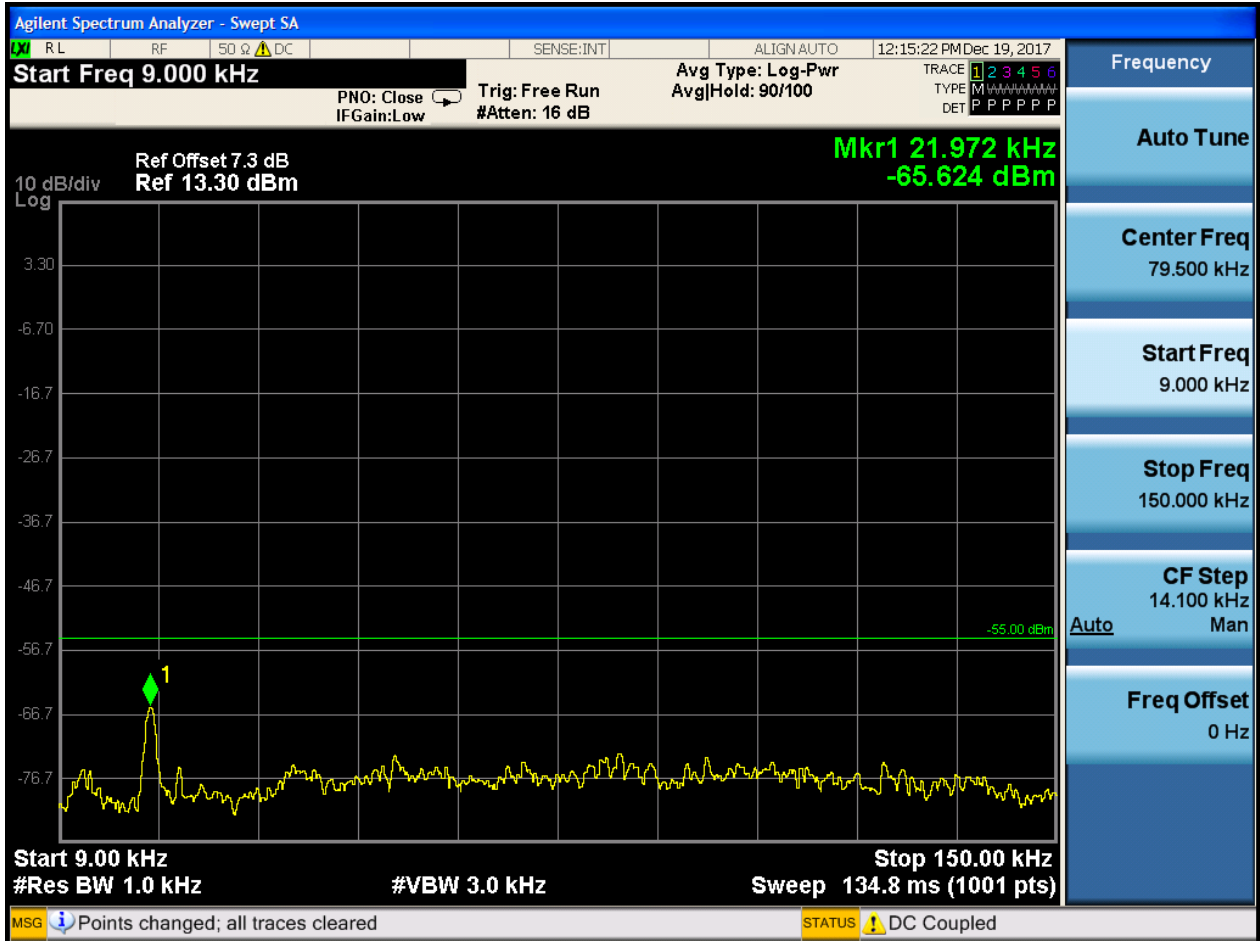






6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



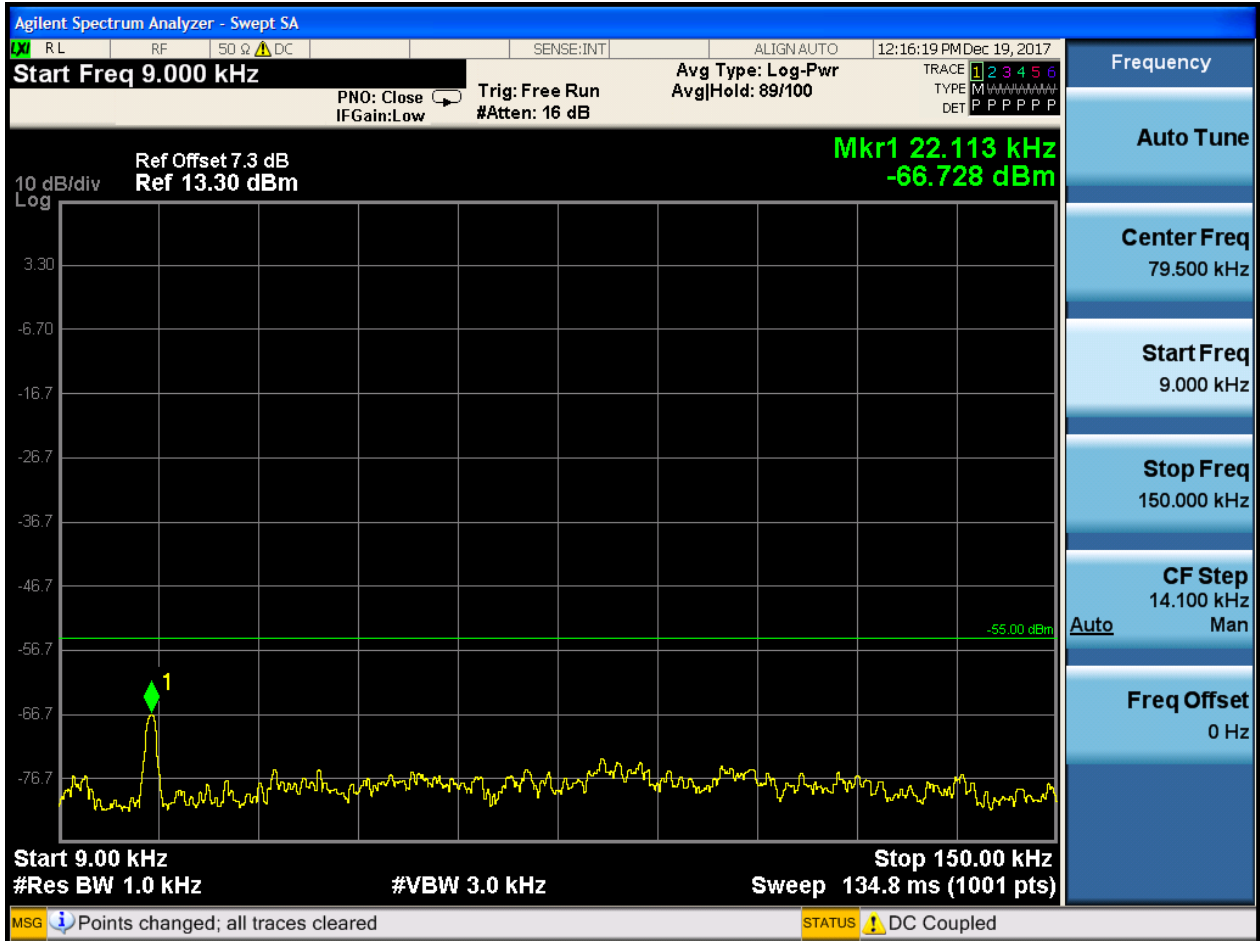






6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







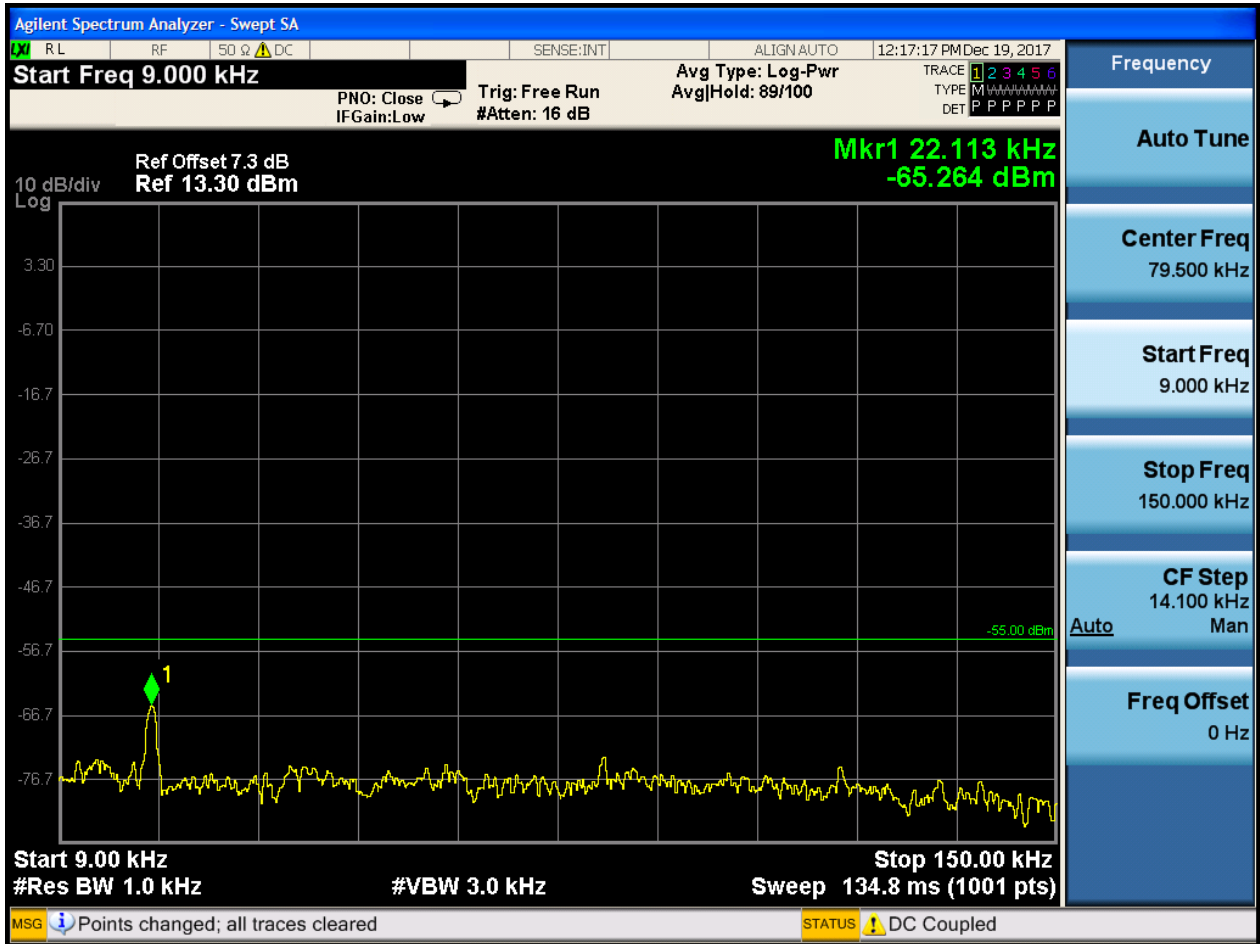


6.1.1.2 Test Mode = LTE/TM2

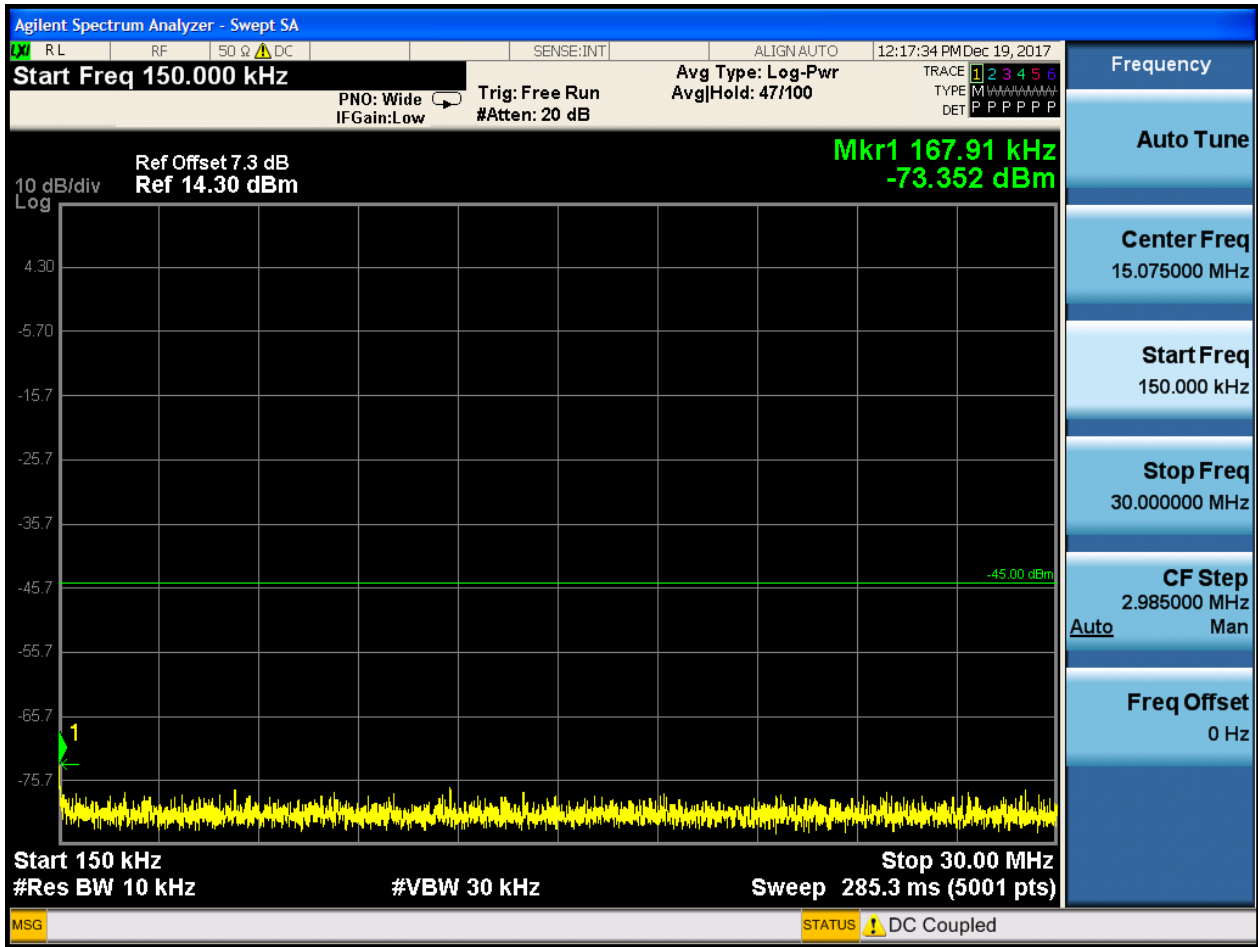
6.1.1.2.1 Test Bandwidth = 5

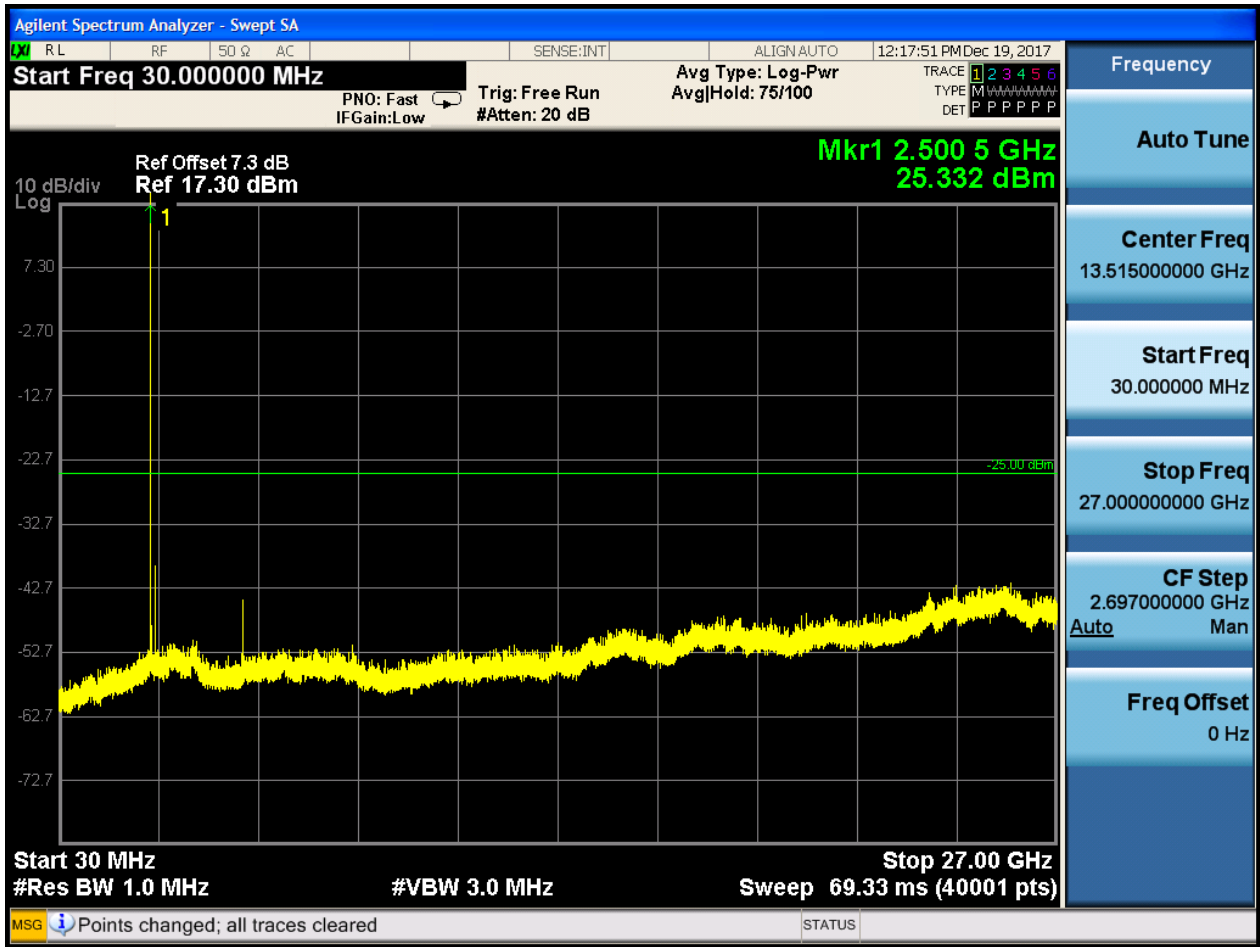
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0





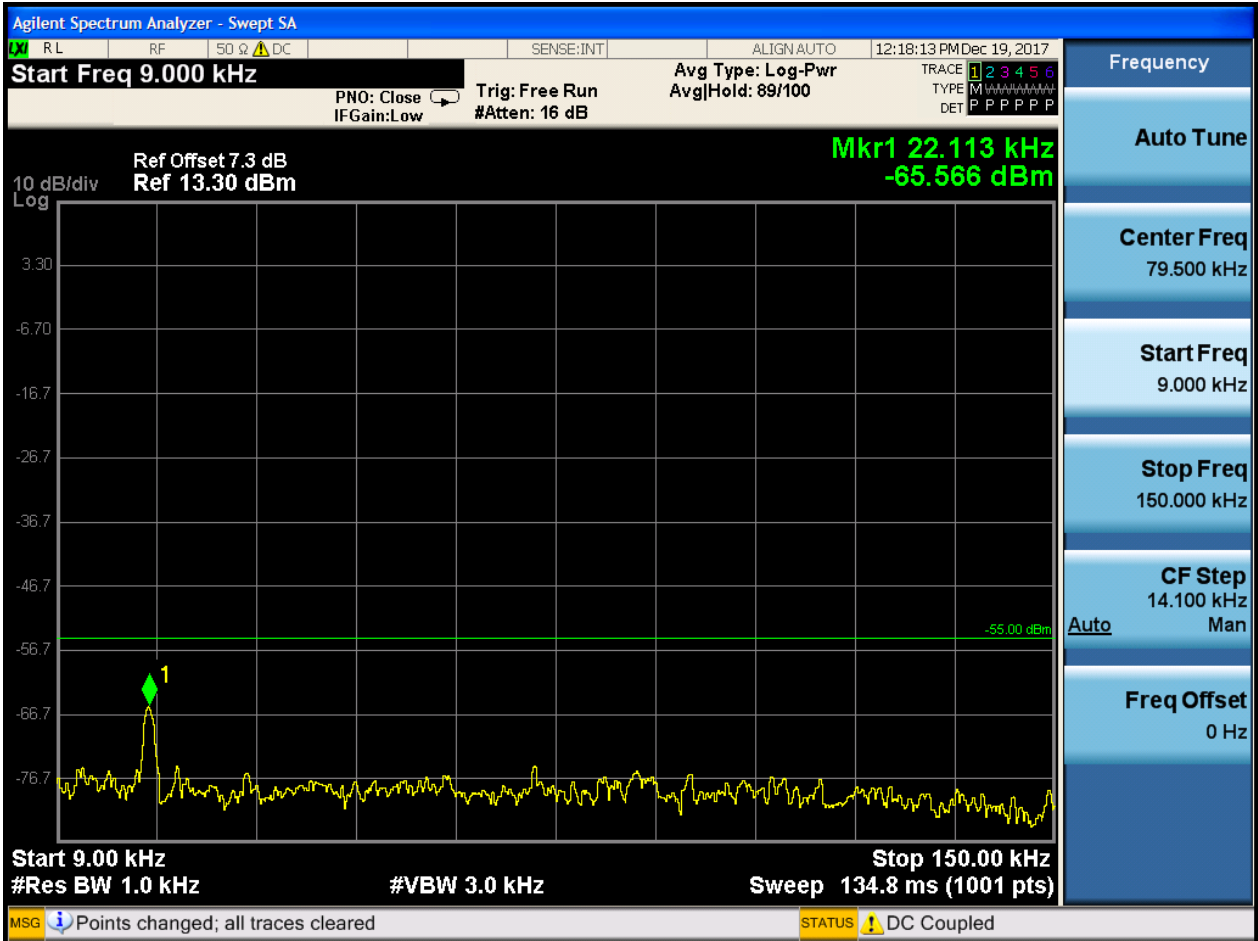


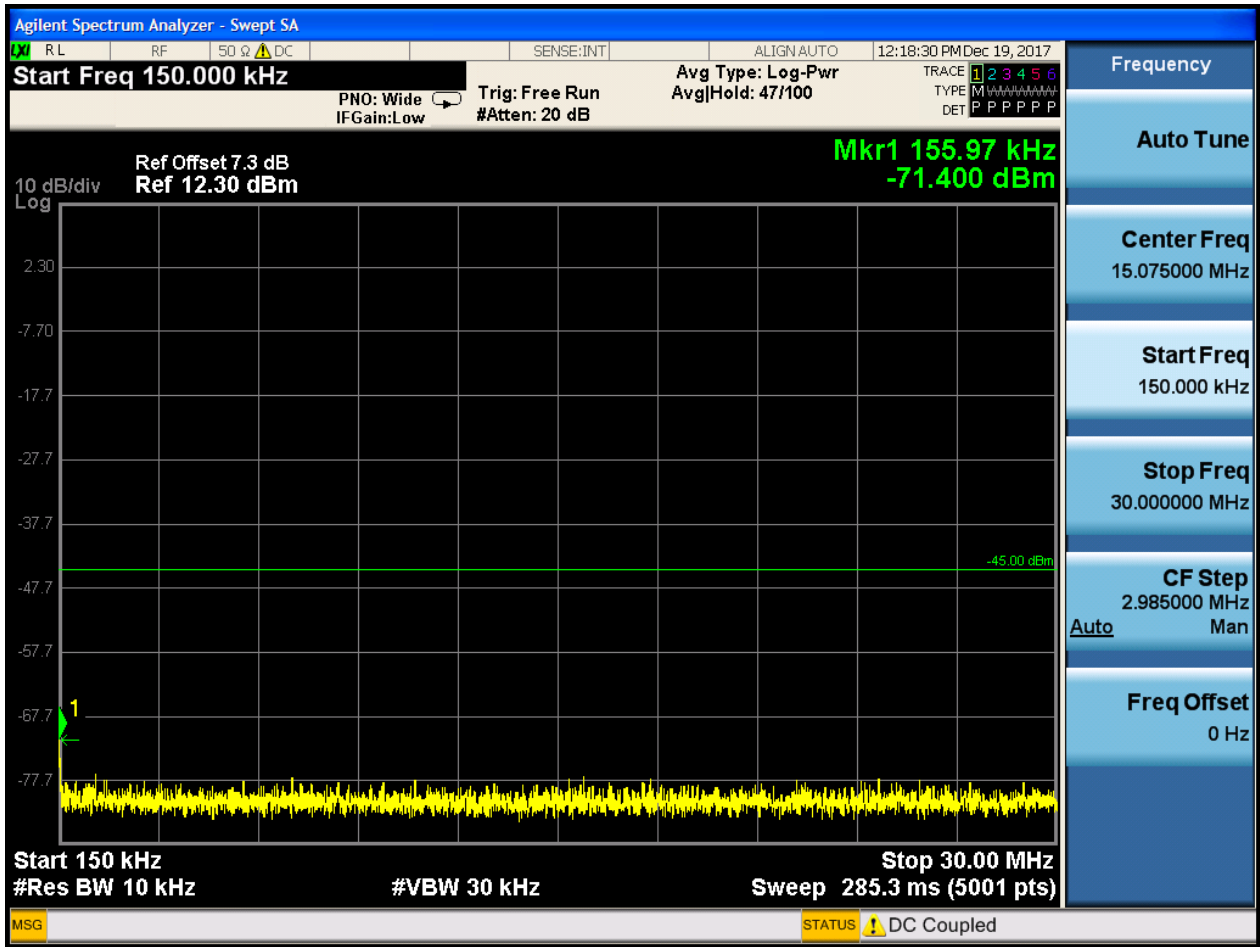


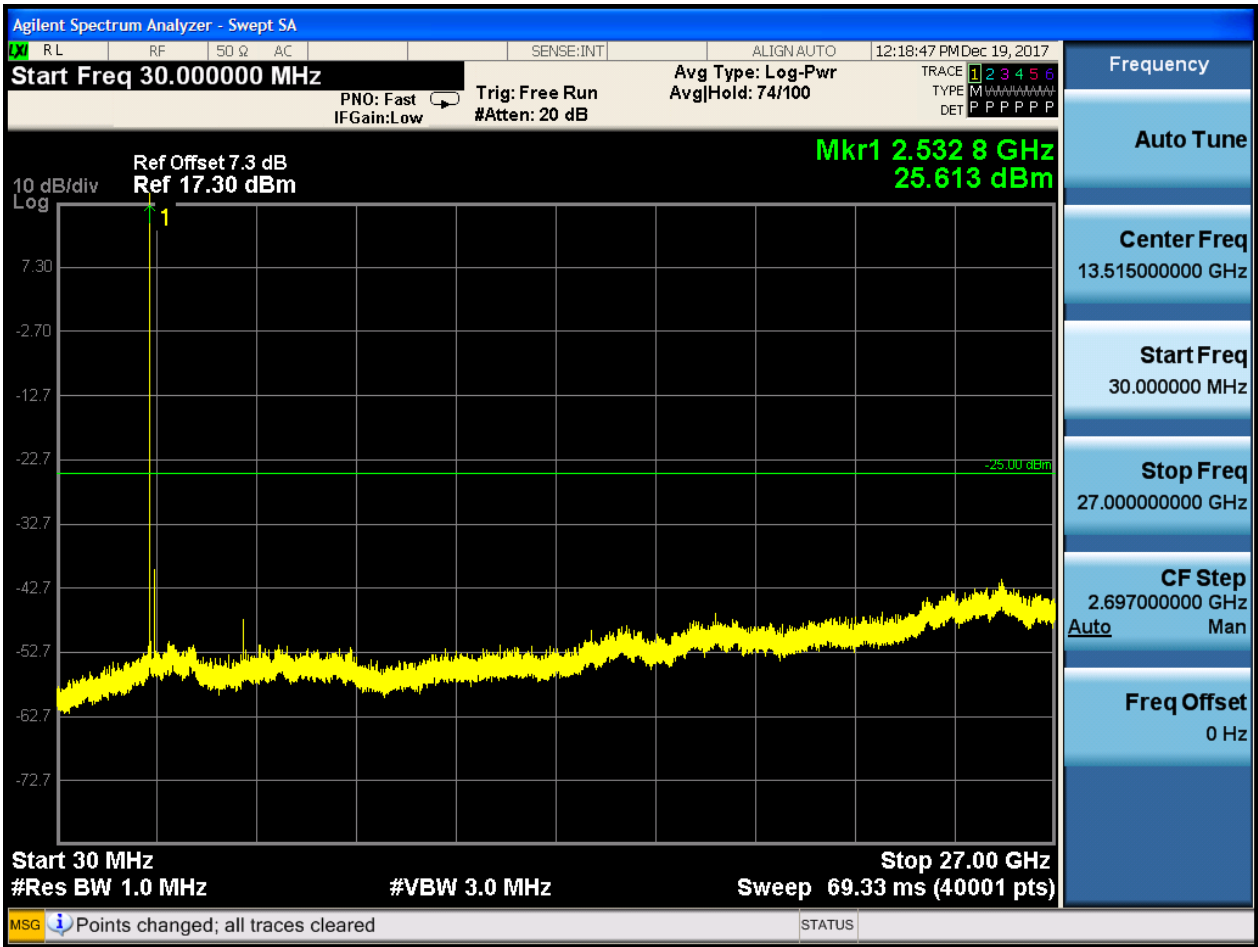


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



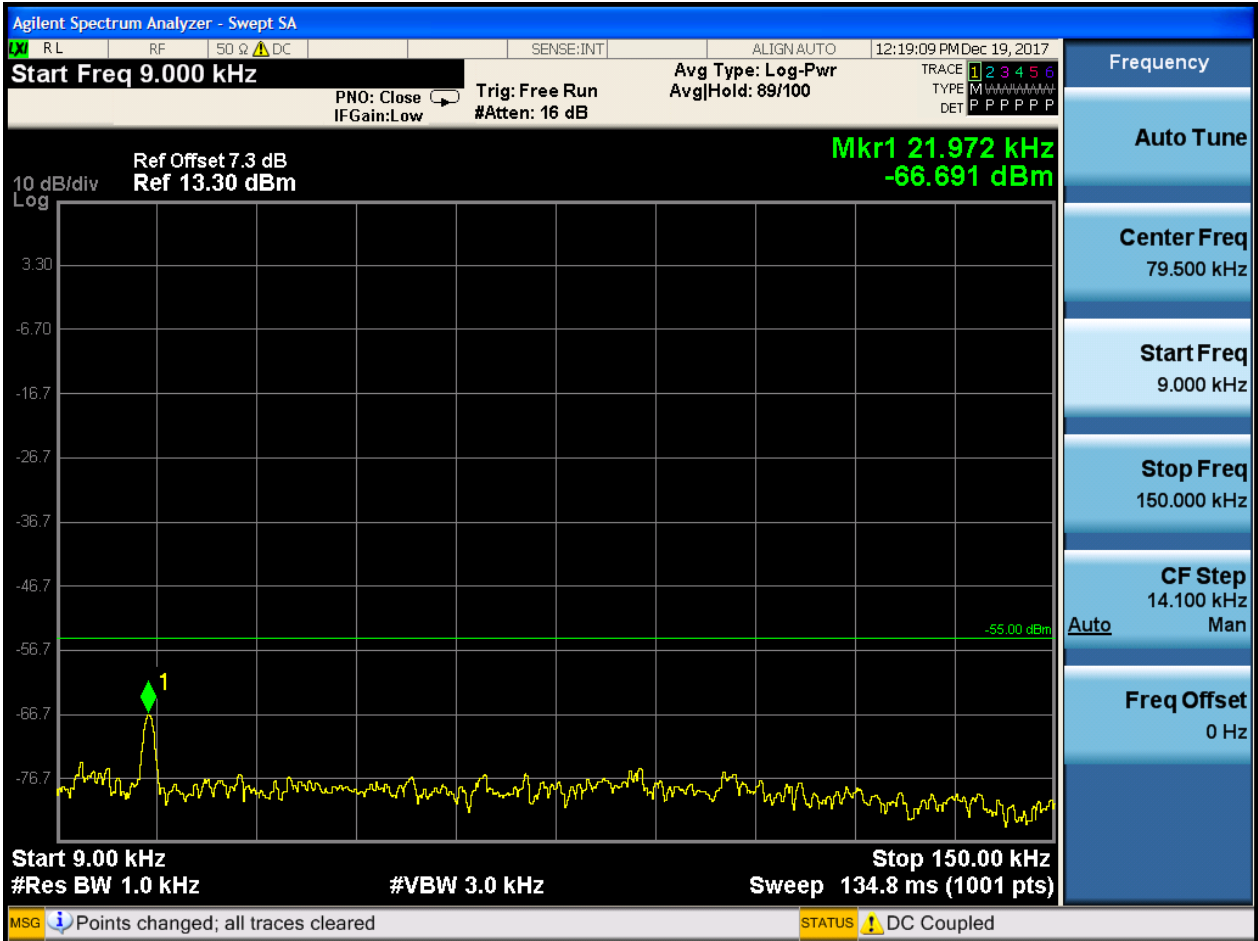


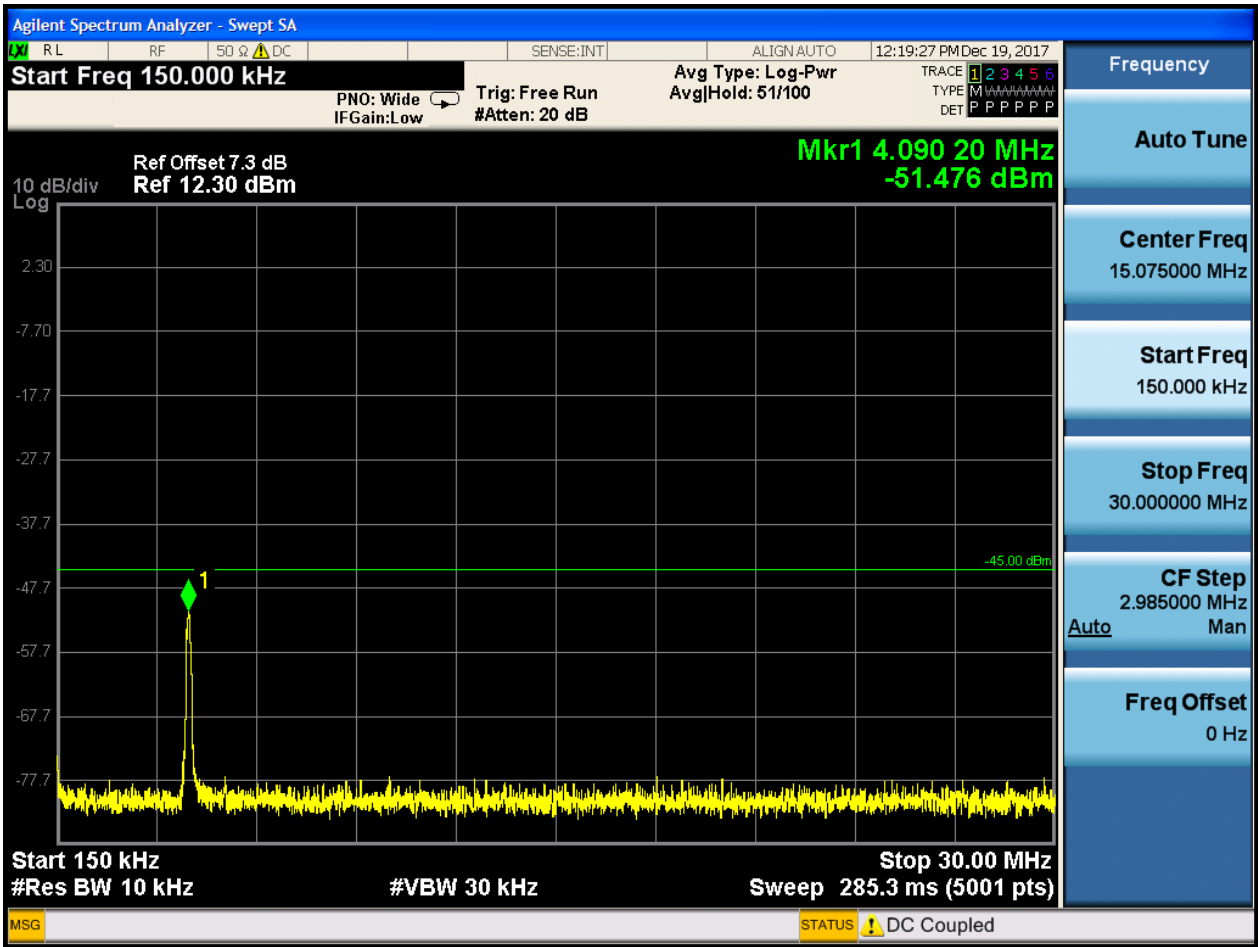


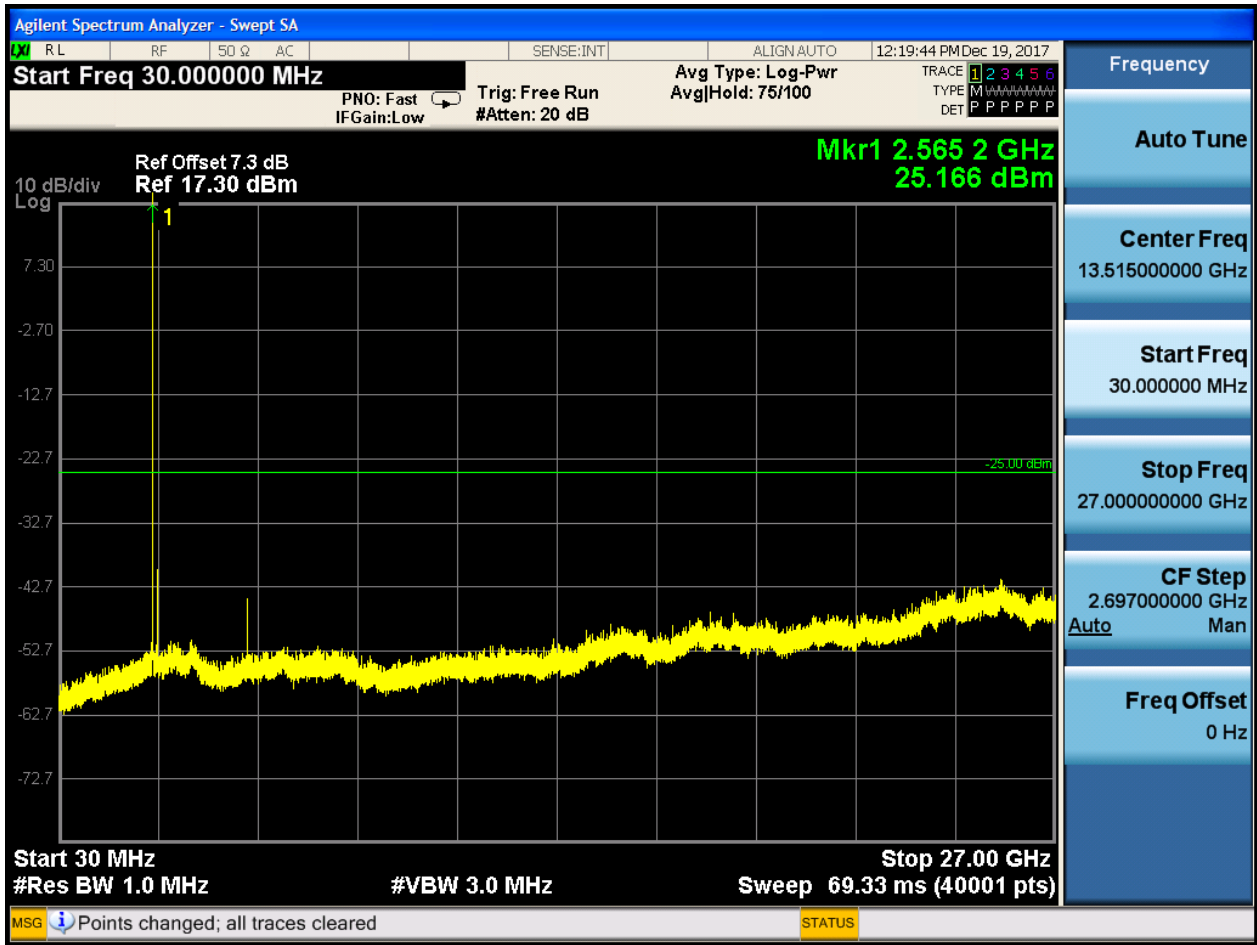


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







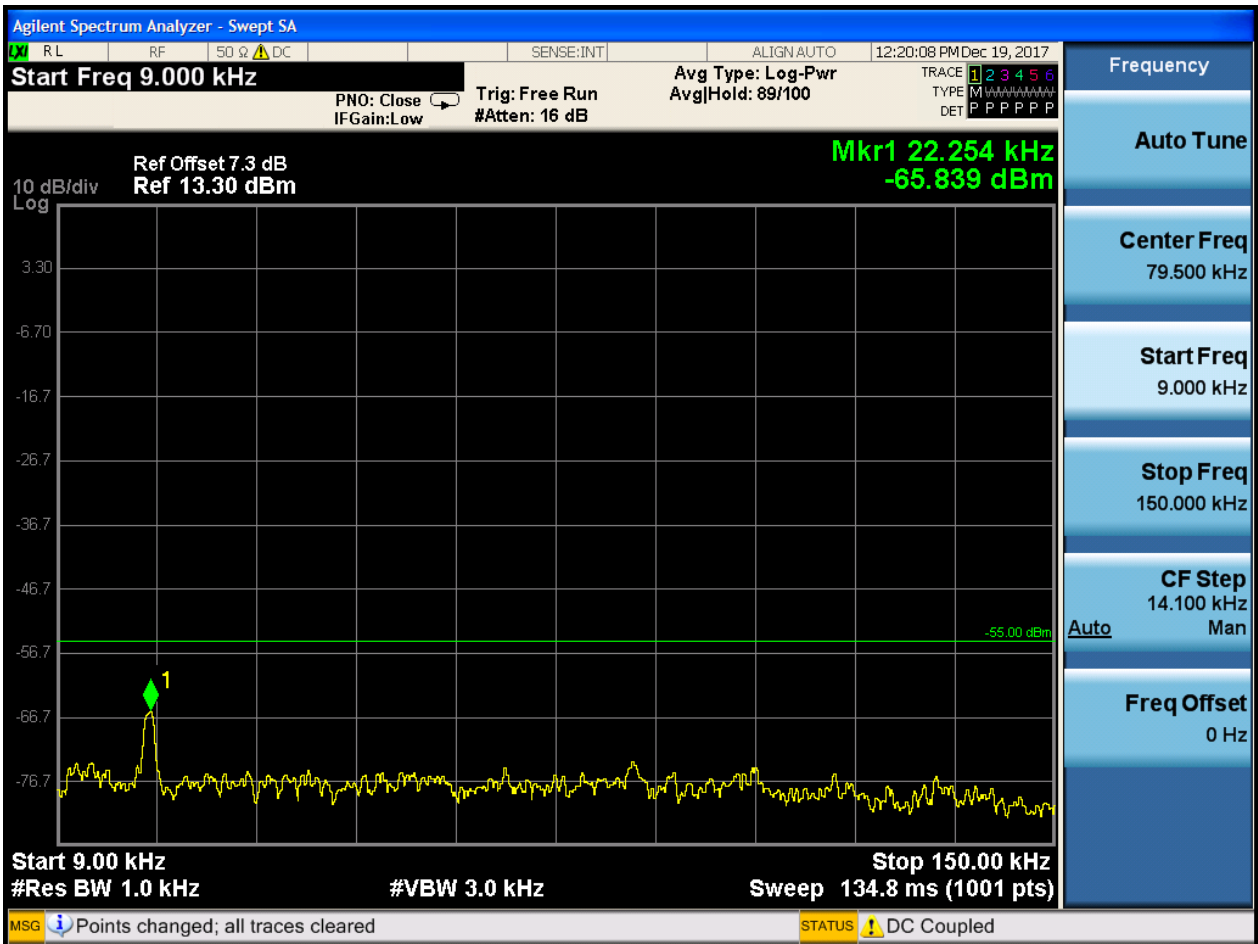


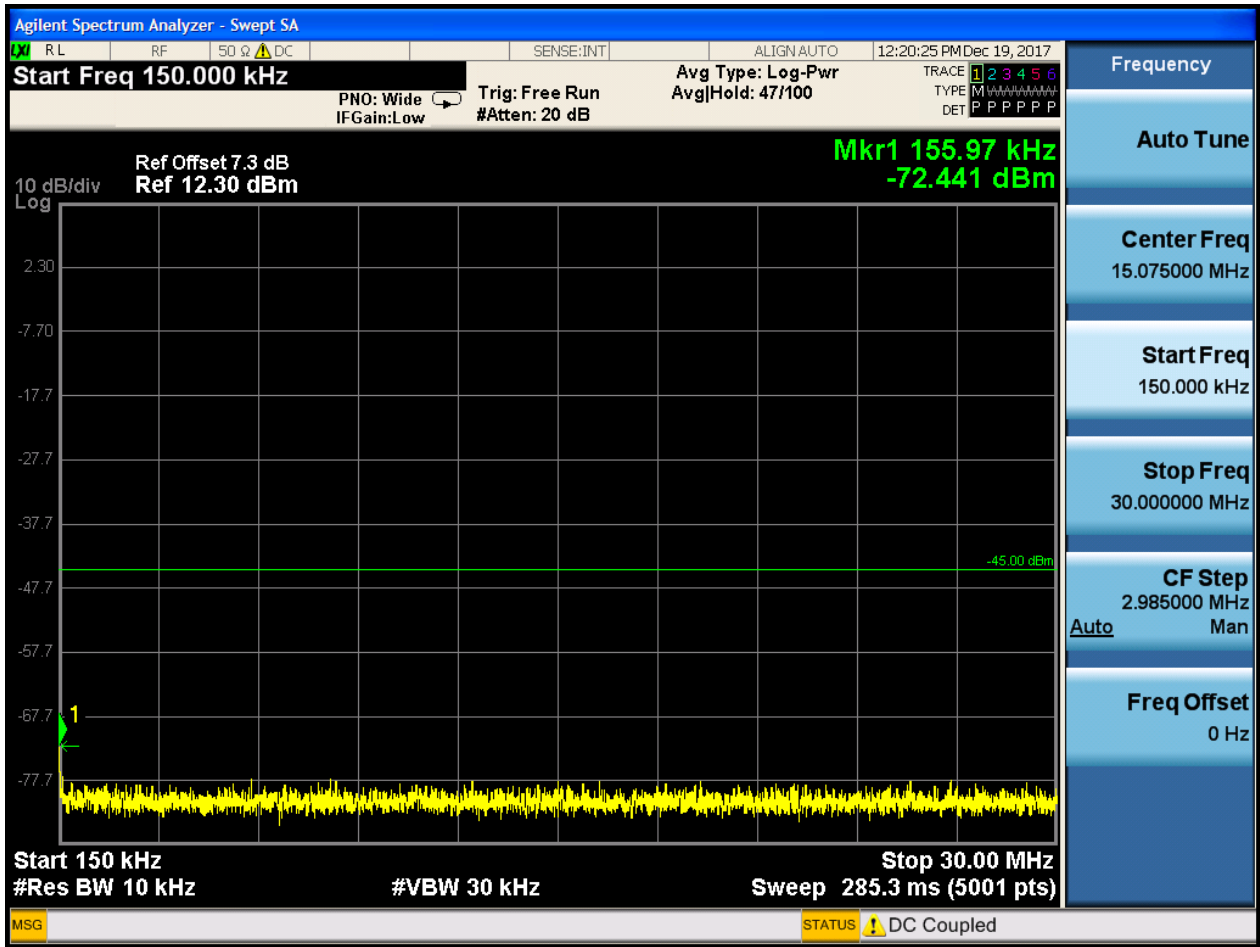


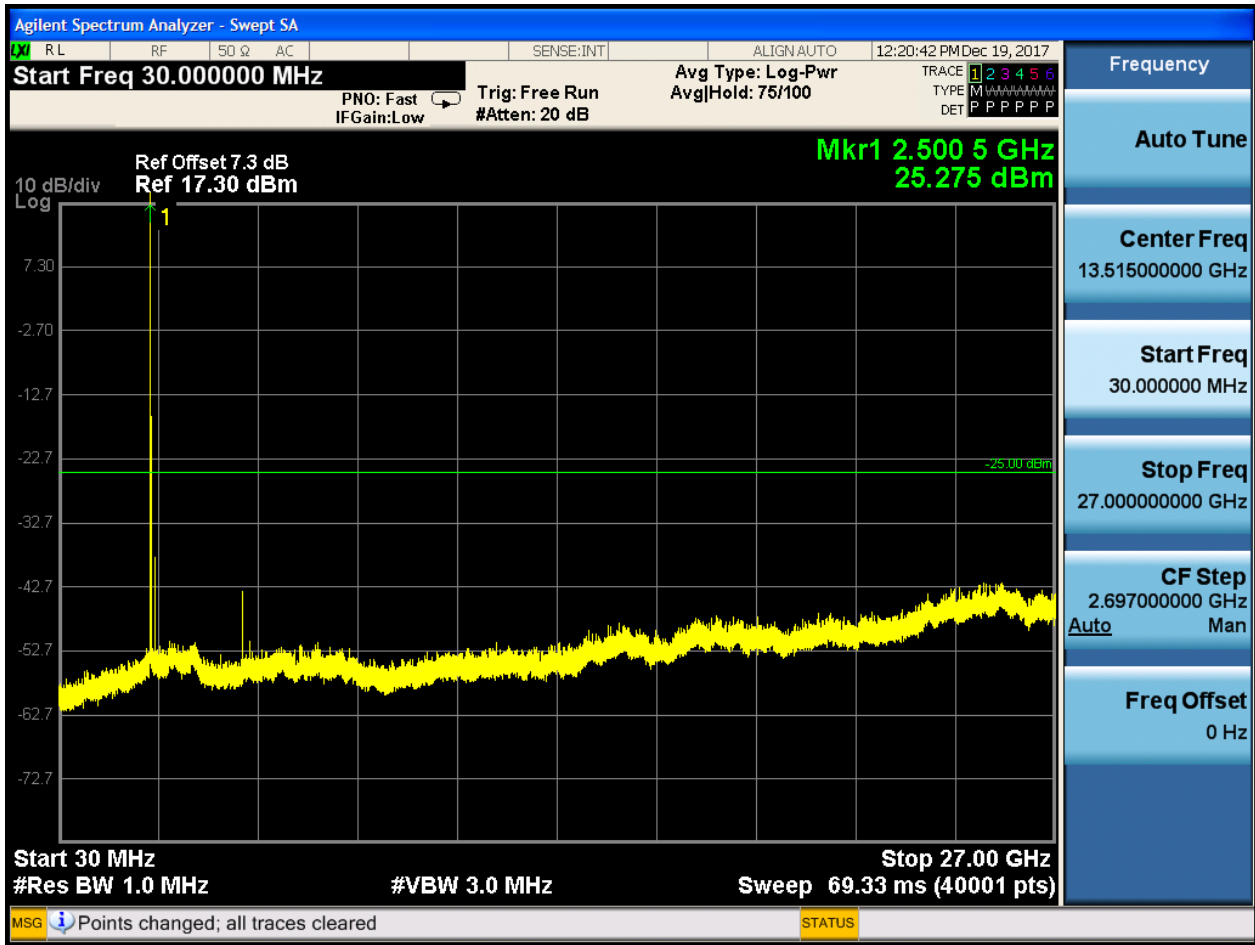
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



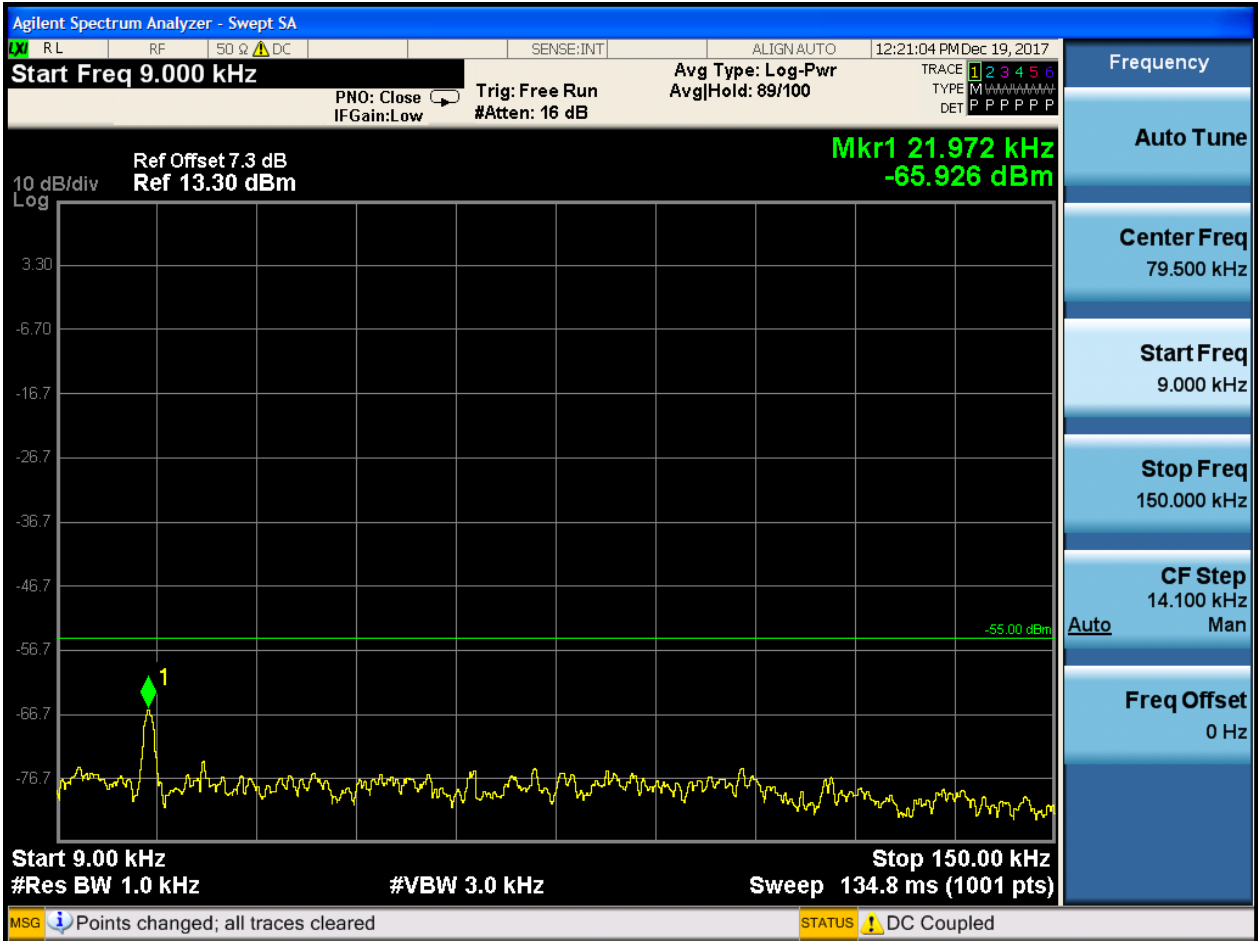


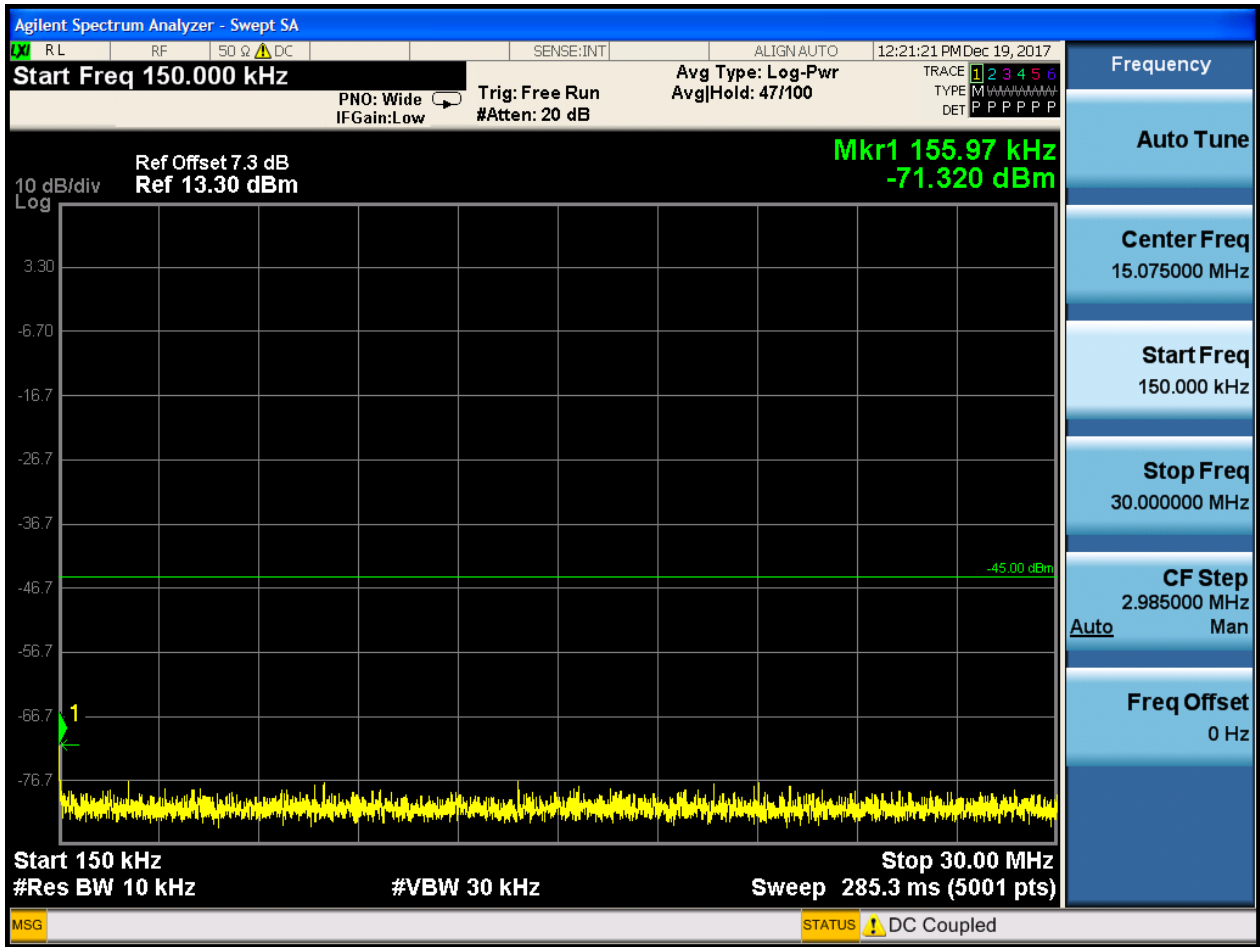


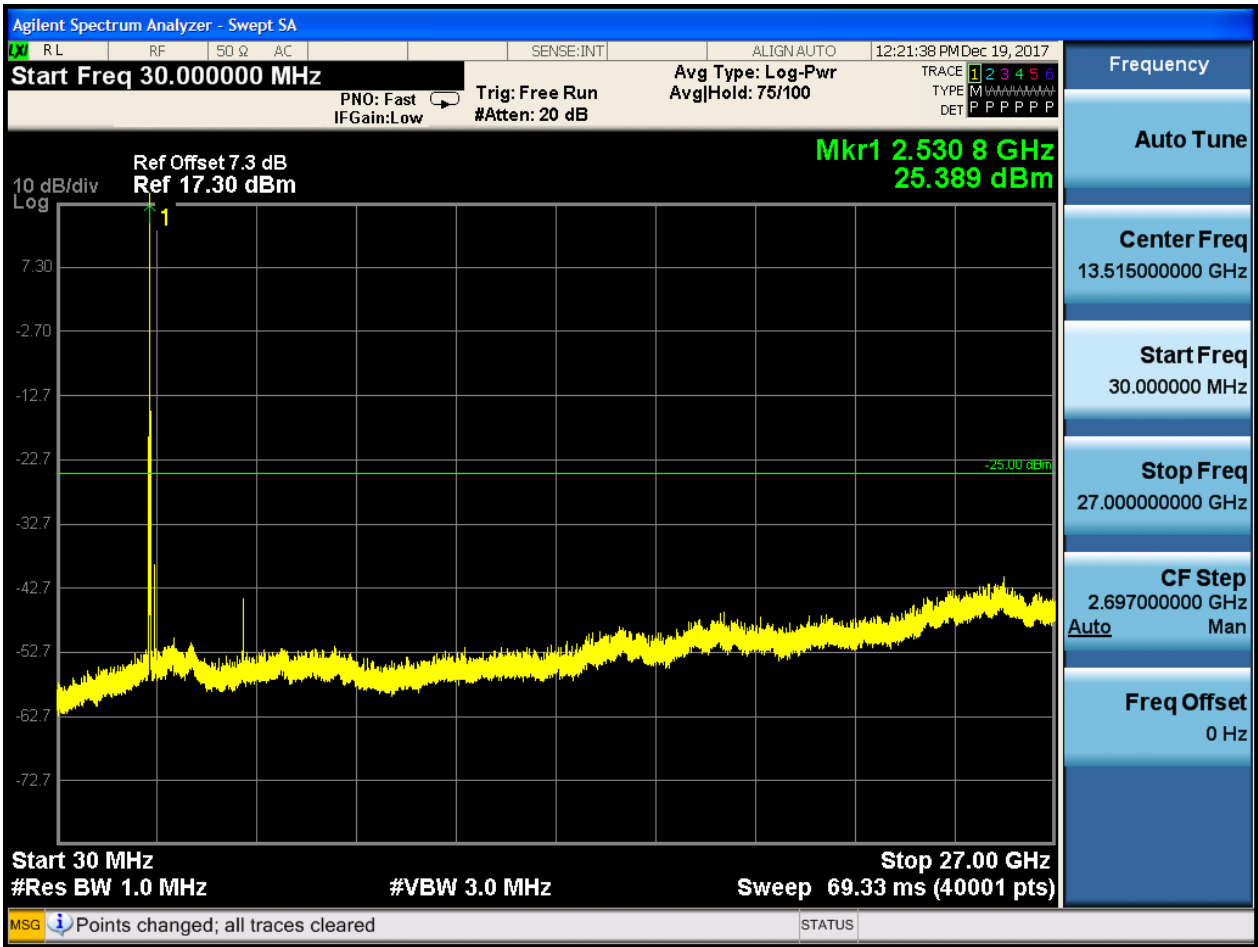


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



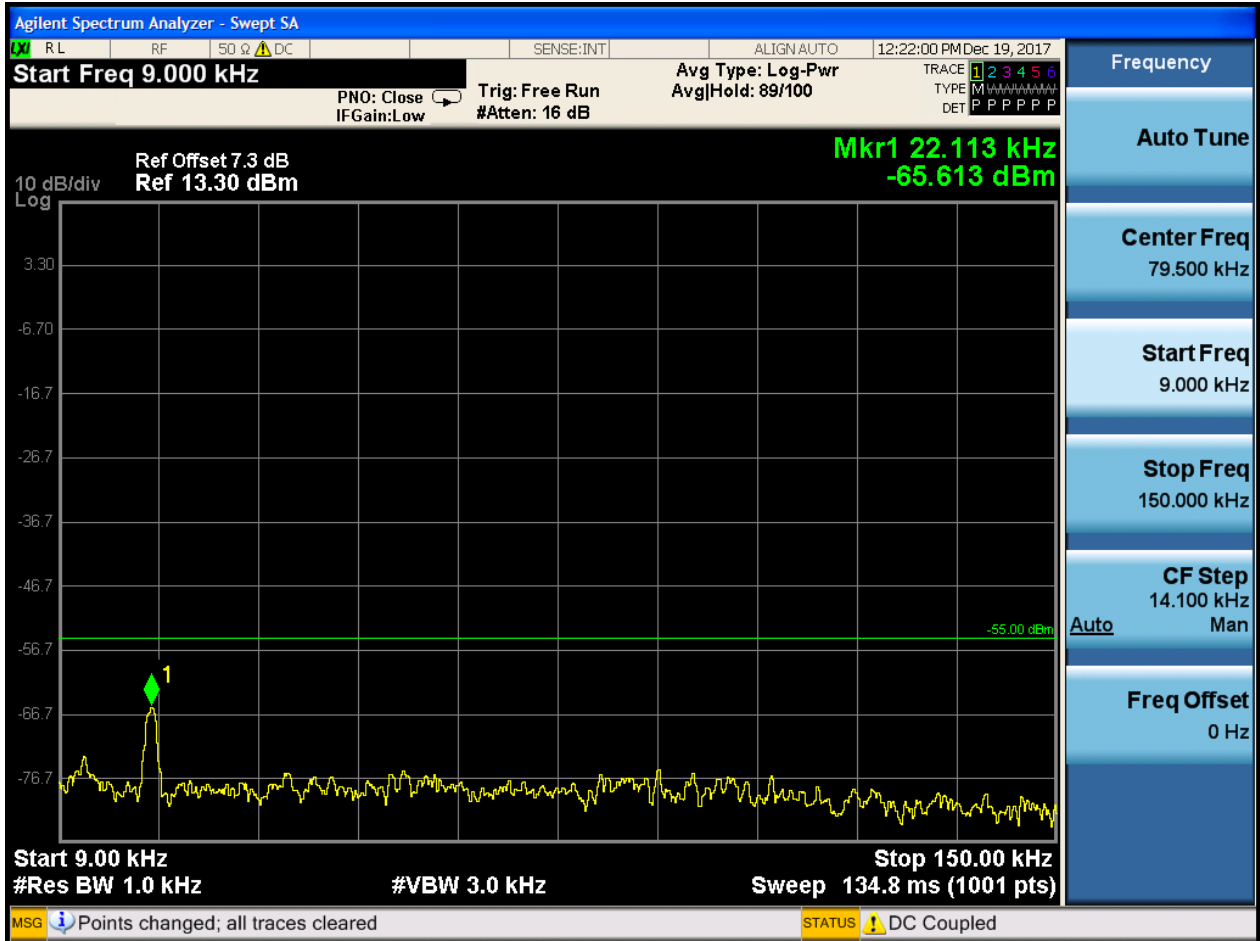


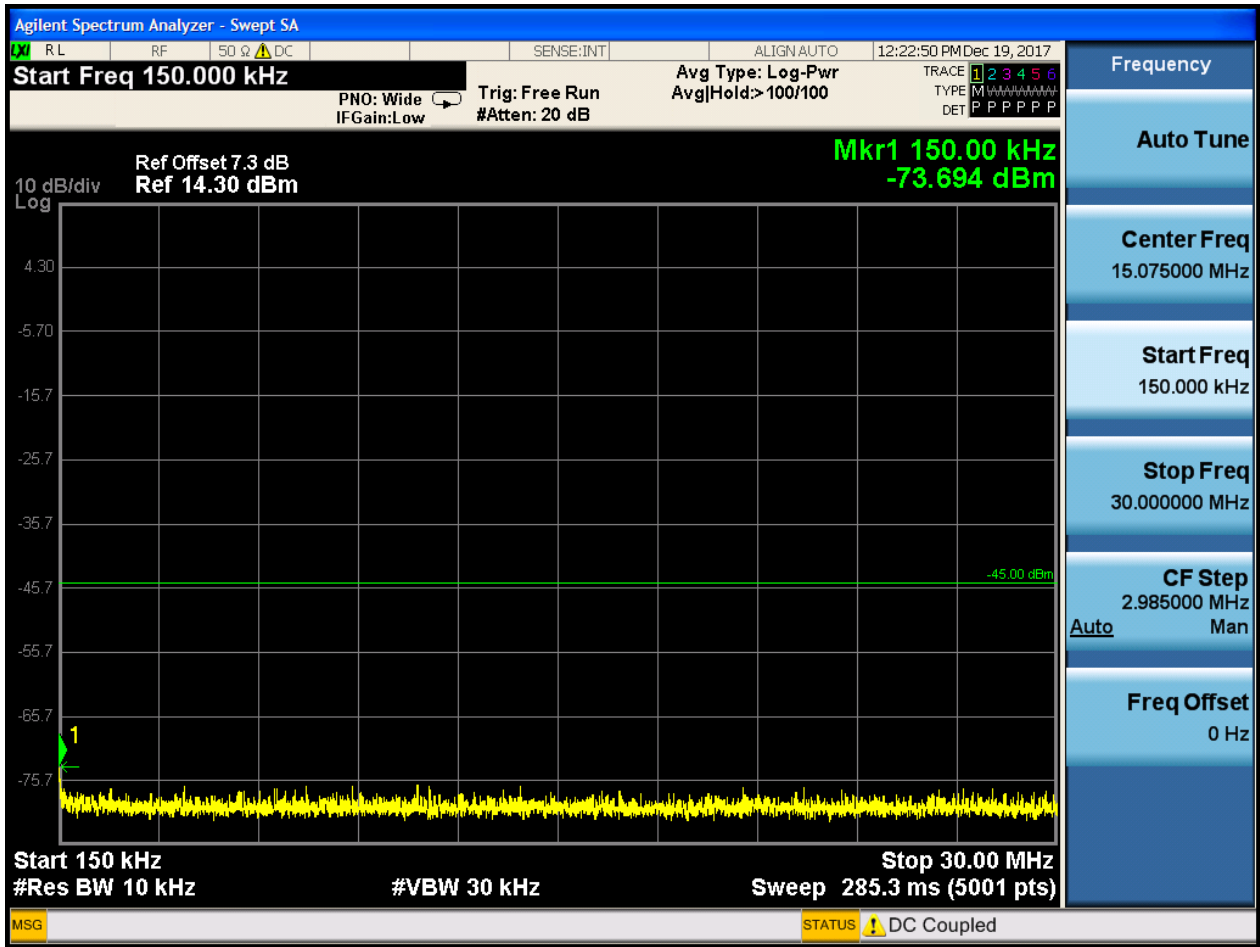




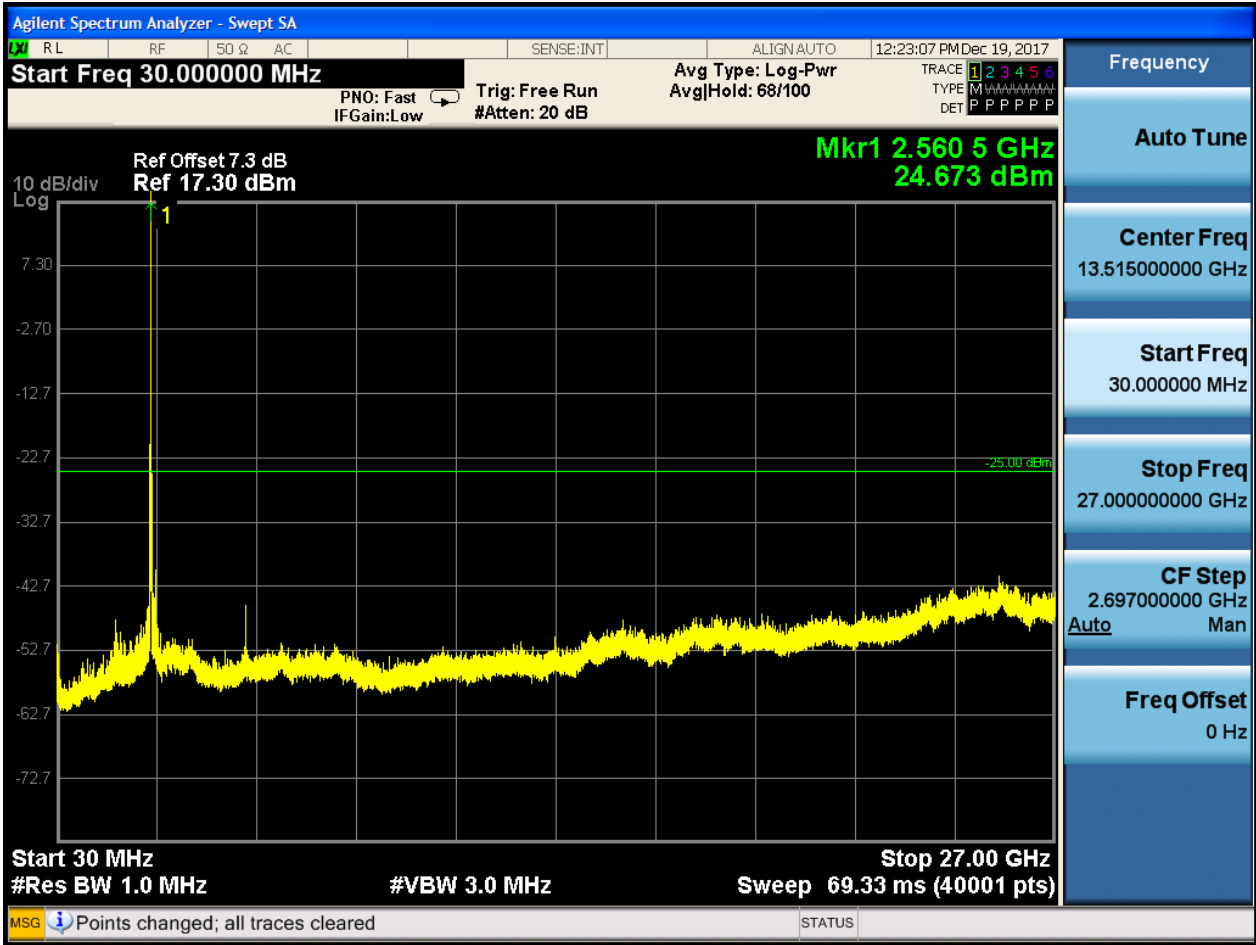
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0









MSG Points changed; all traces cleared

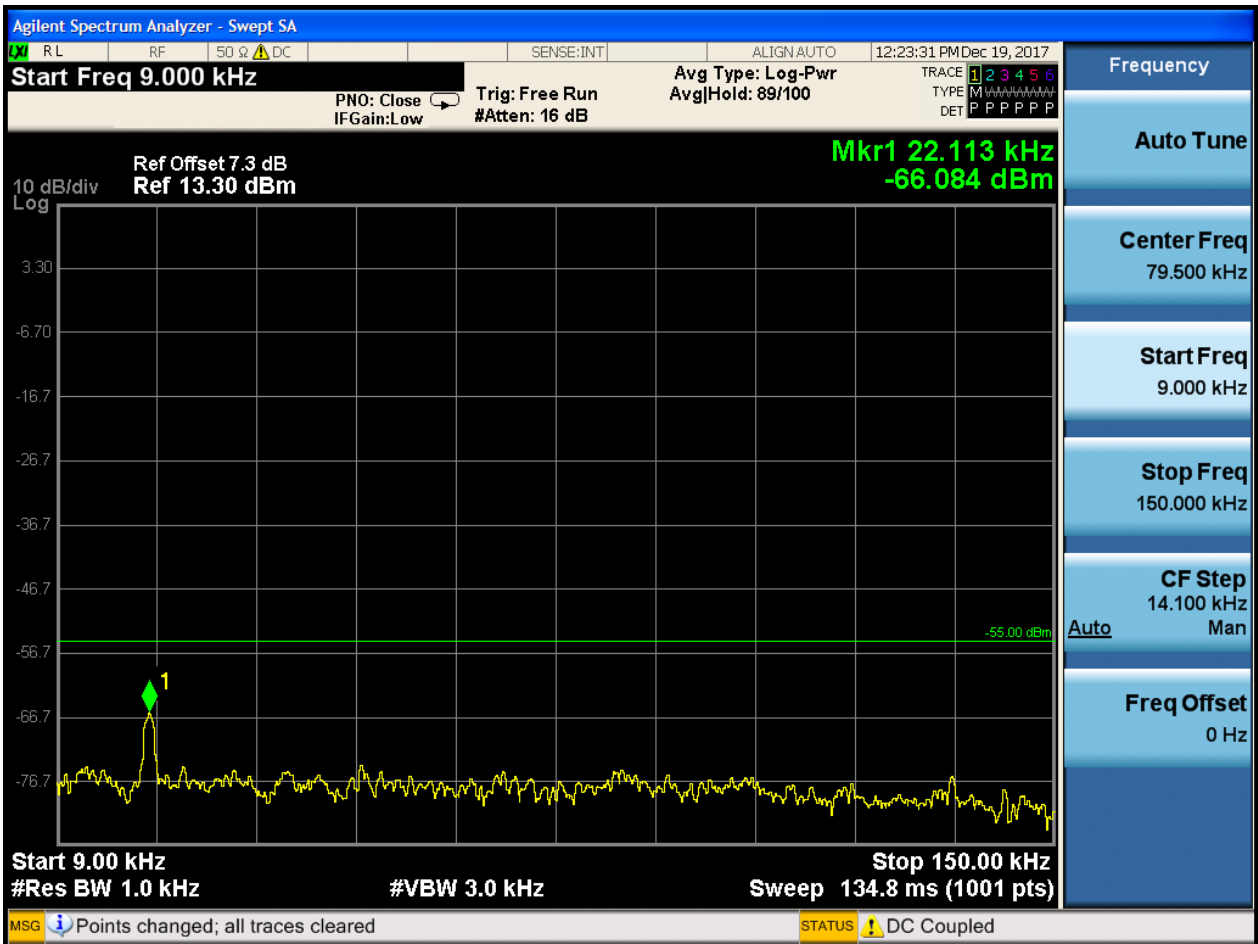
STATUS

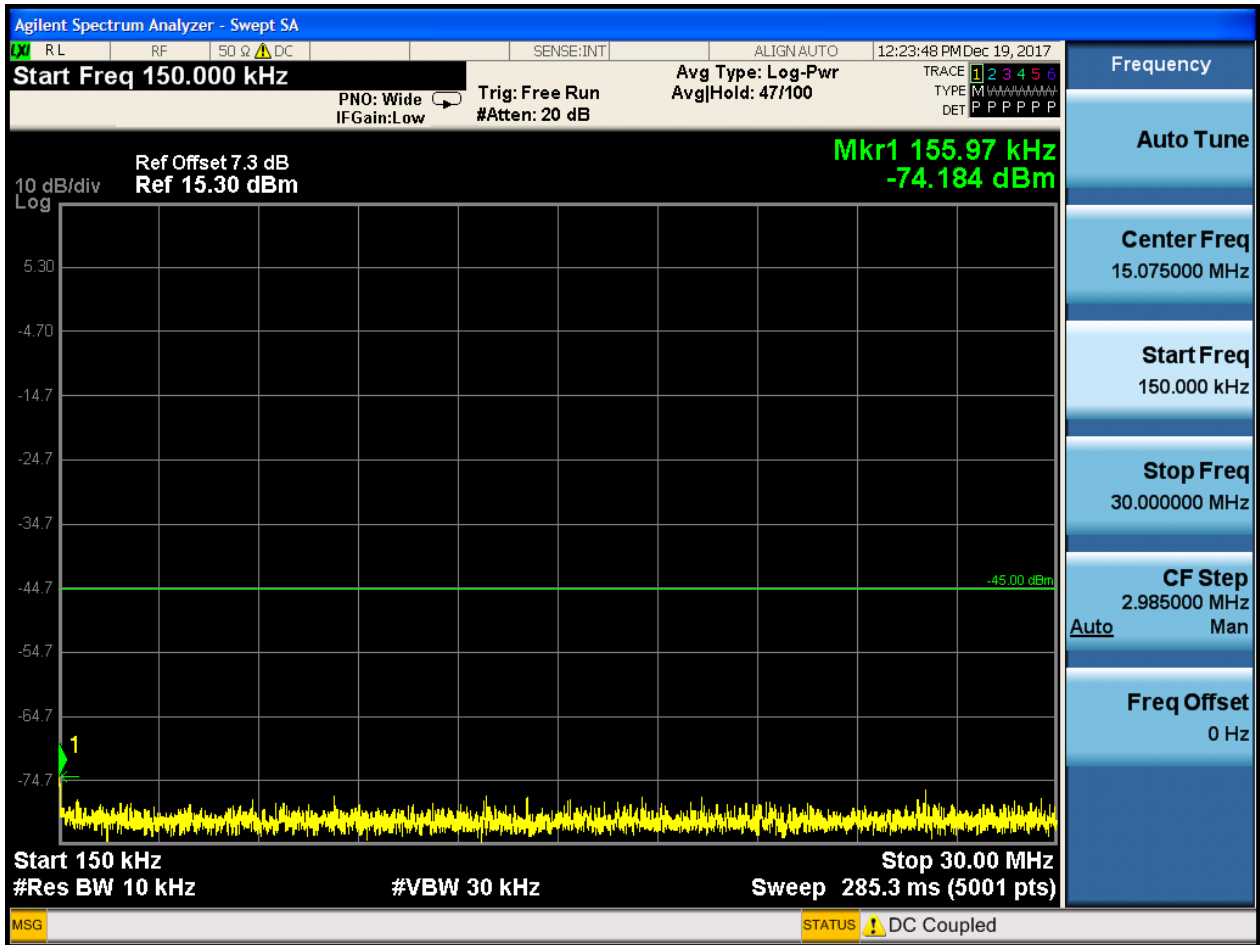


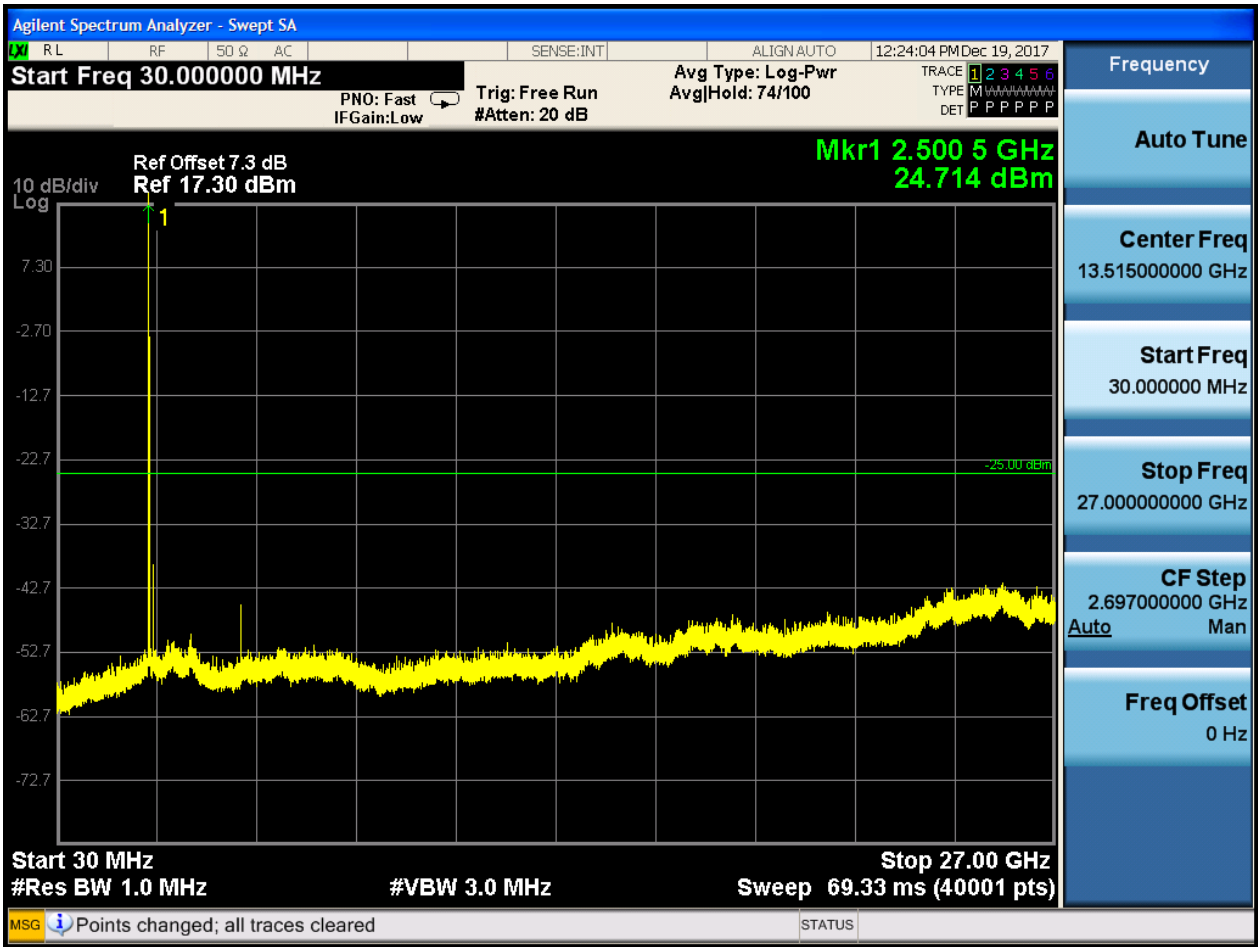
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



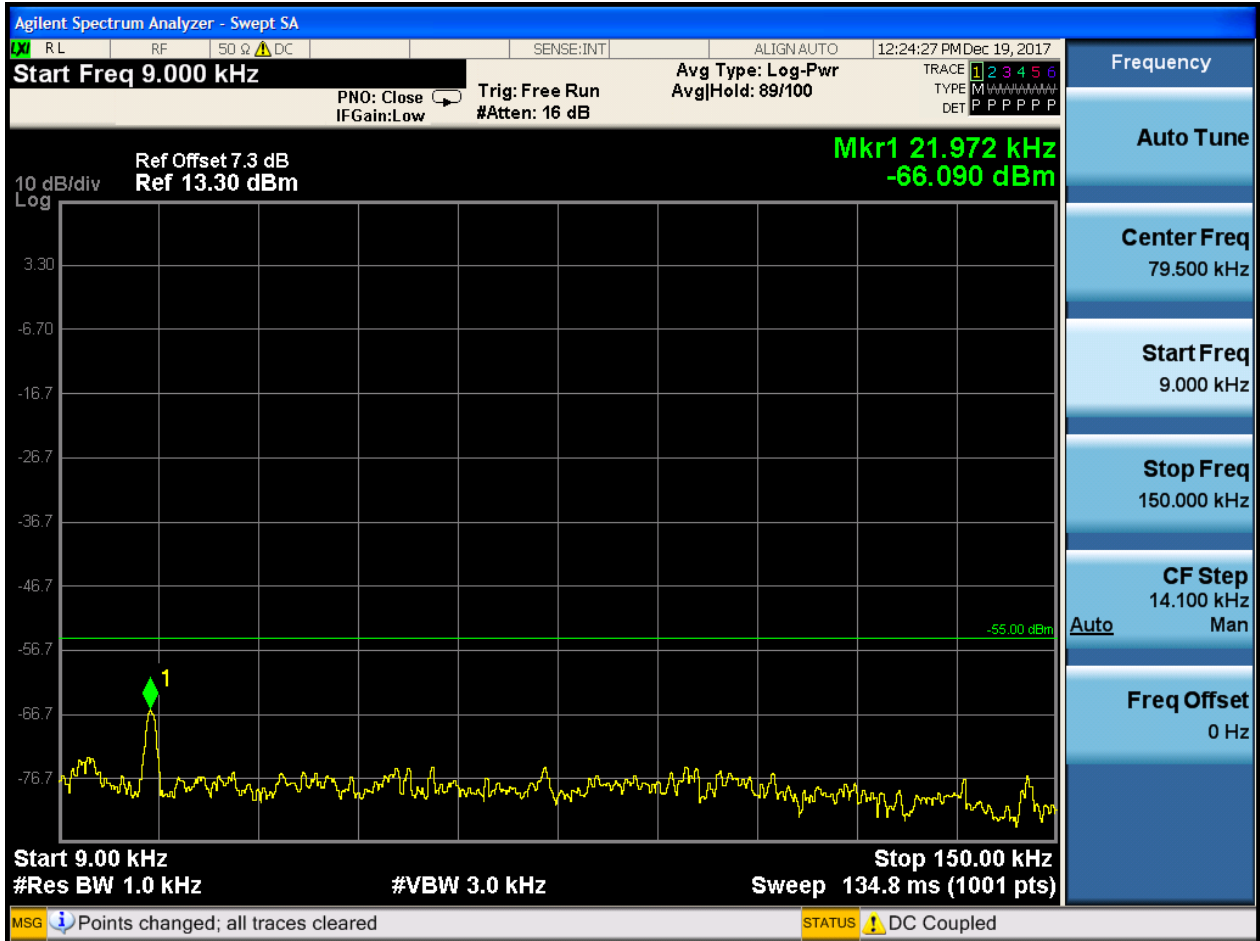


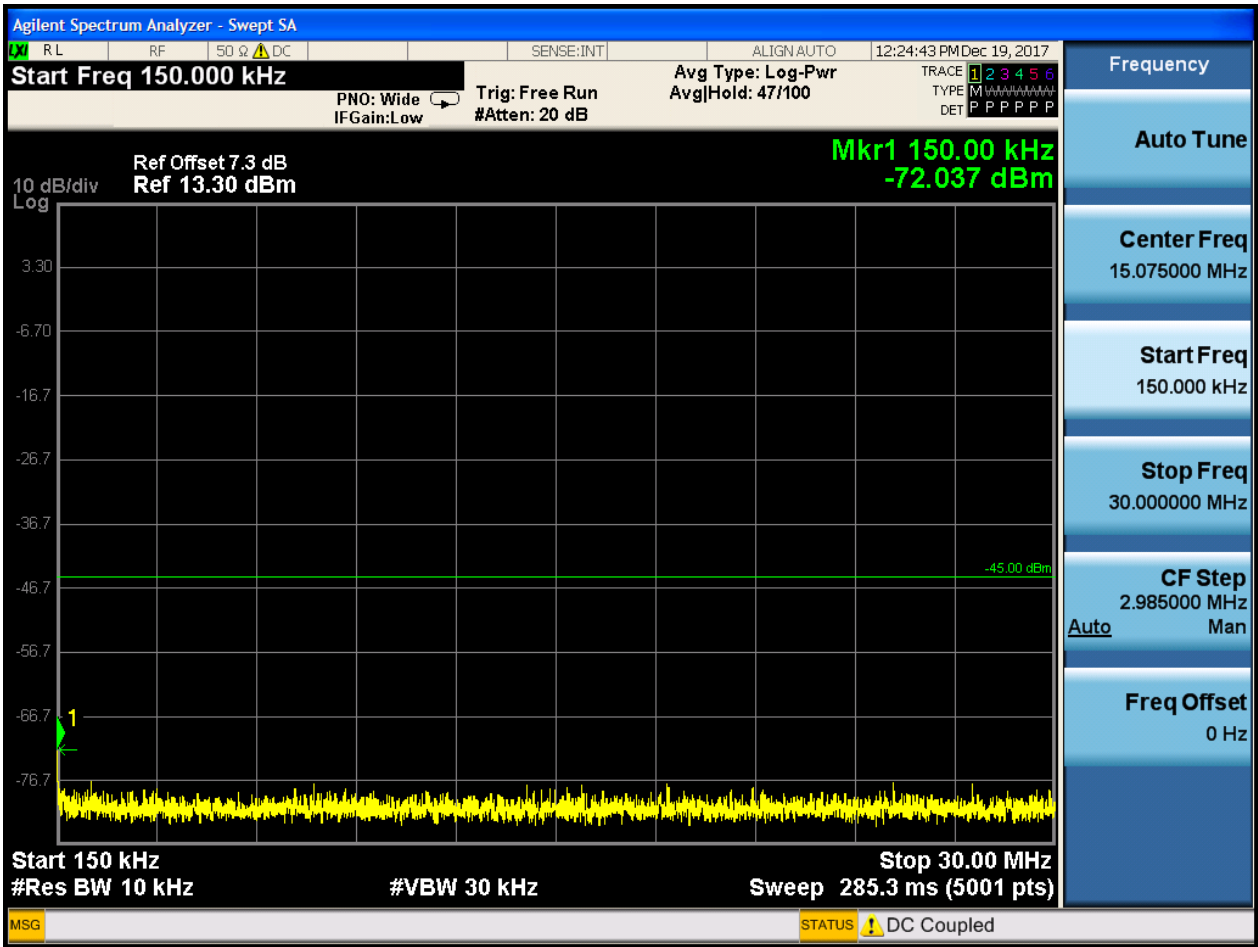


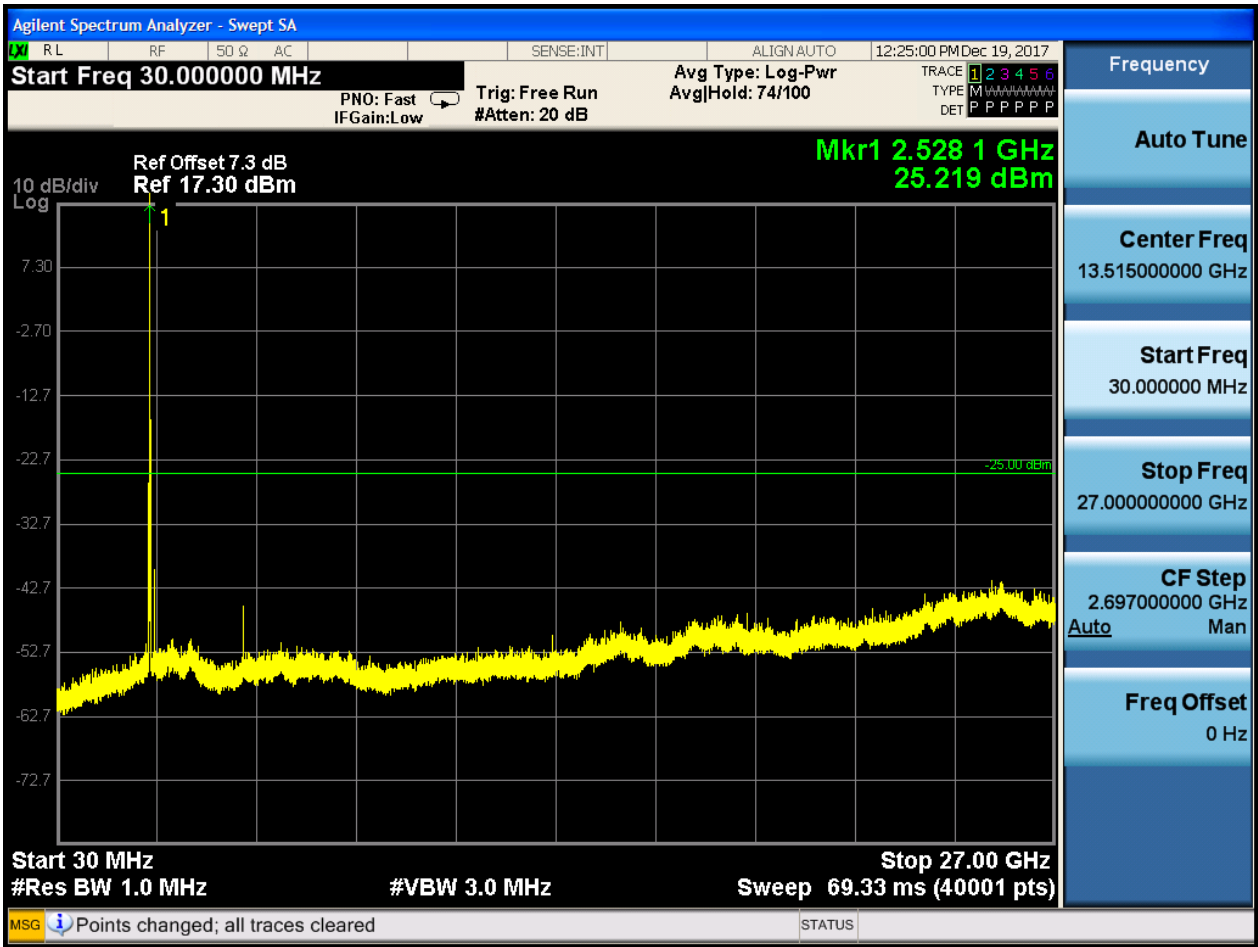


### 6.1.1.2.3.2 Test Channel = MCH

#### 6.1.1.2.3.2.1 Test RB = RB1#0



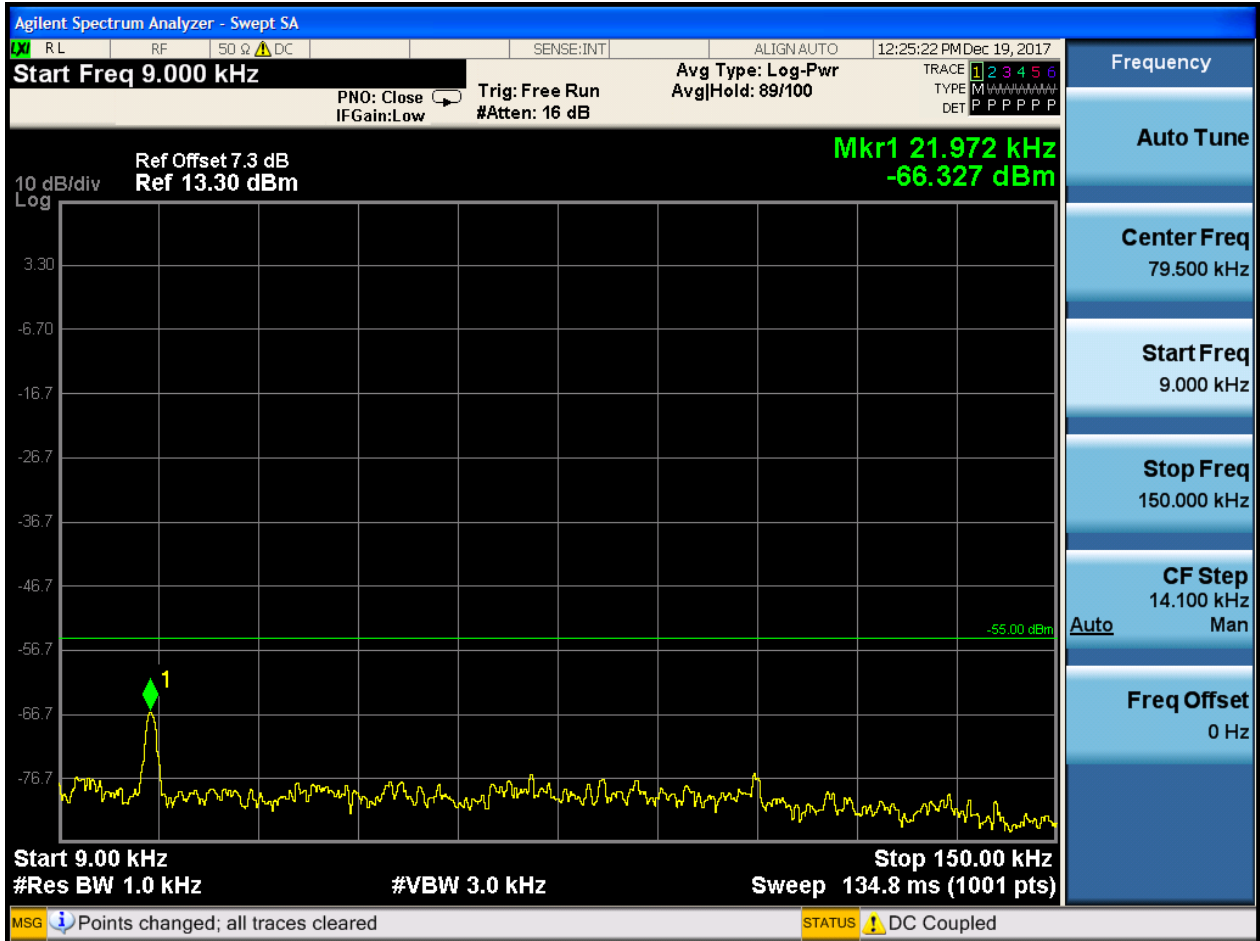




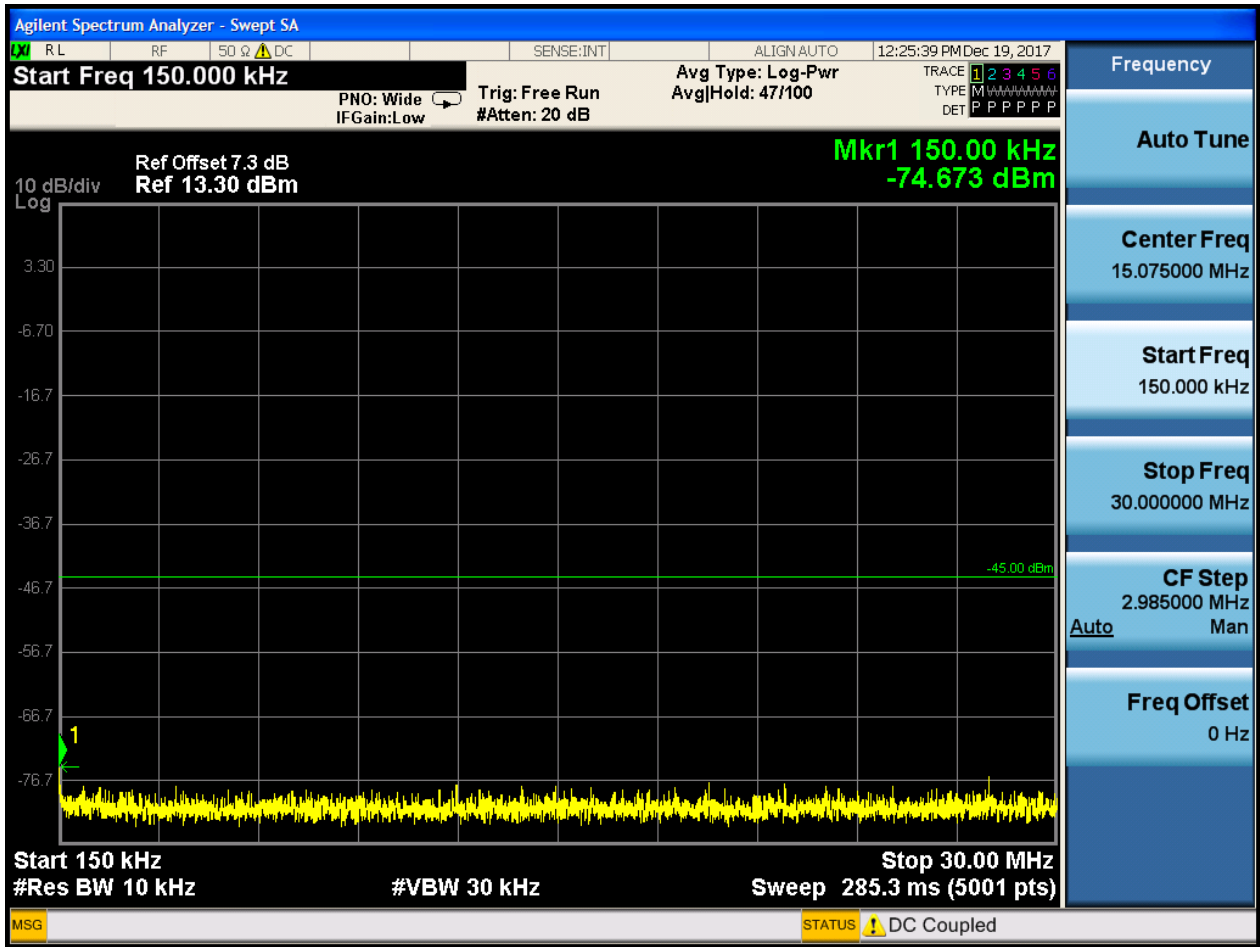


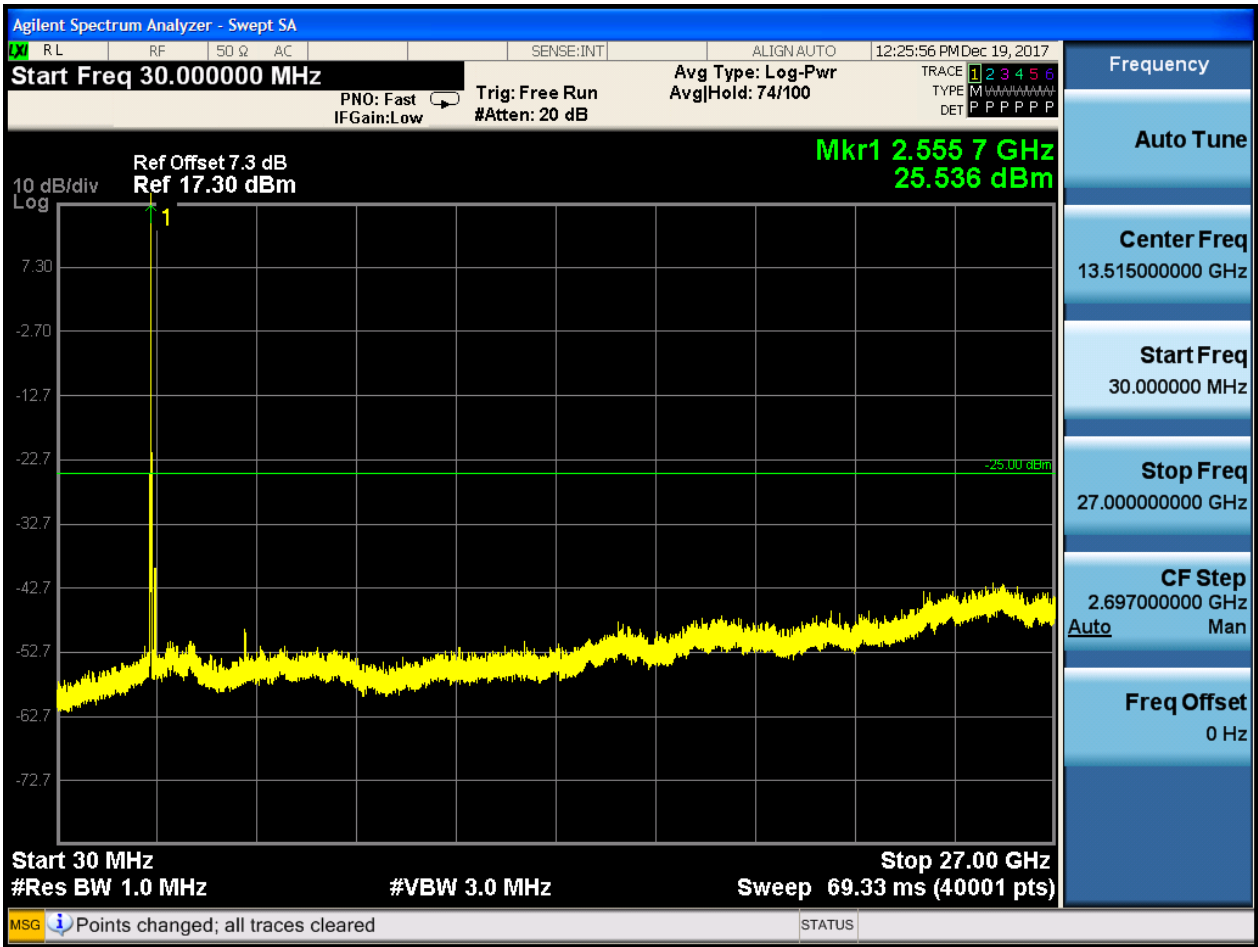
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







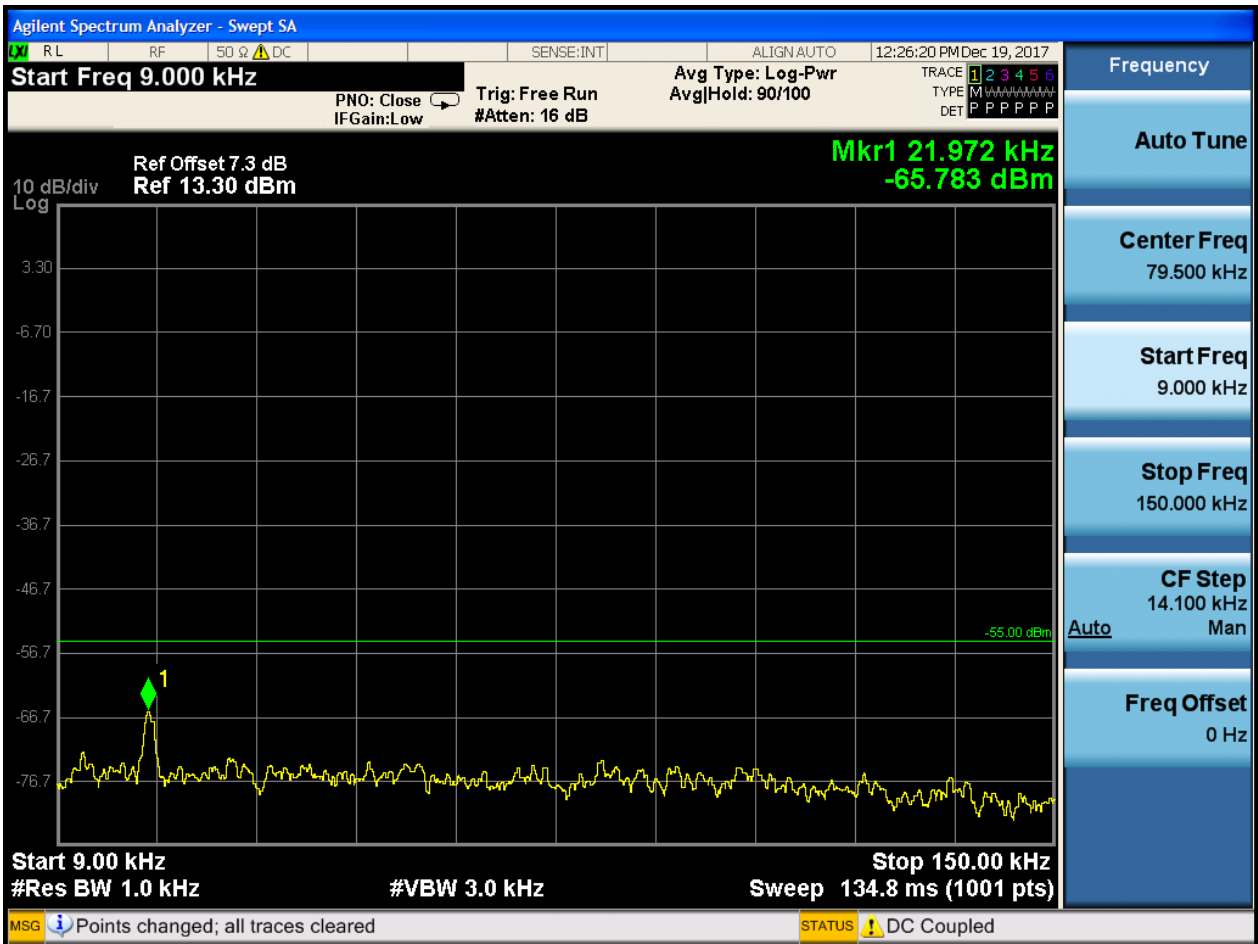


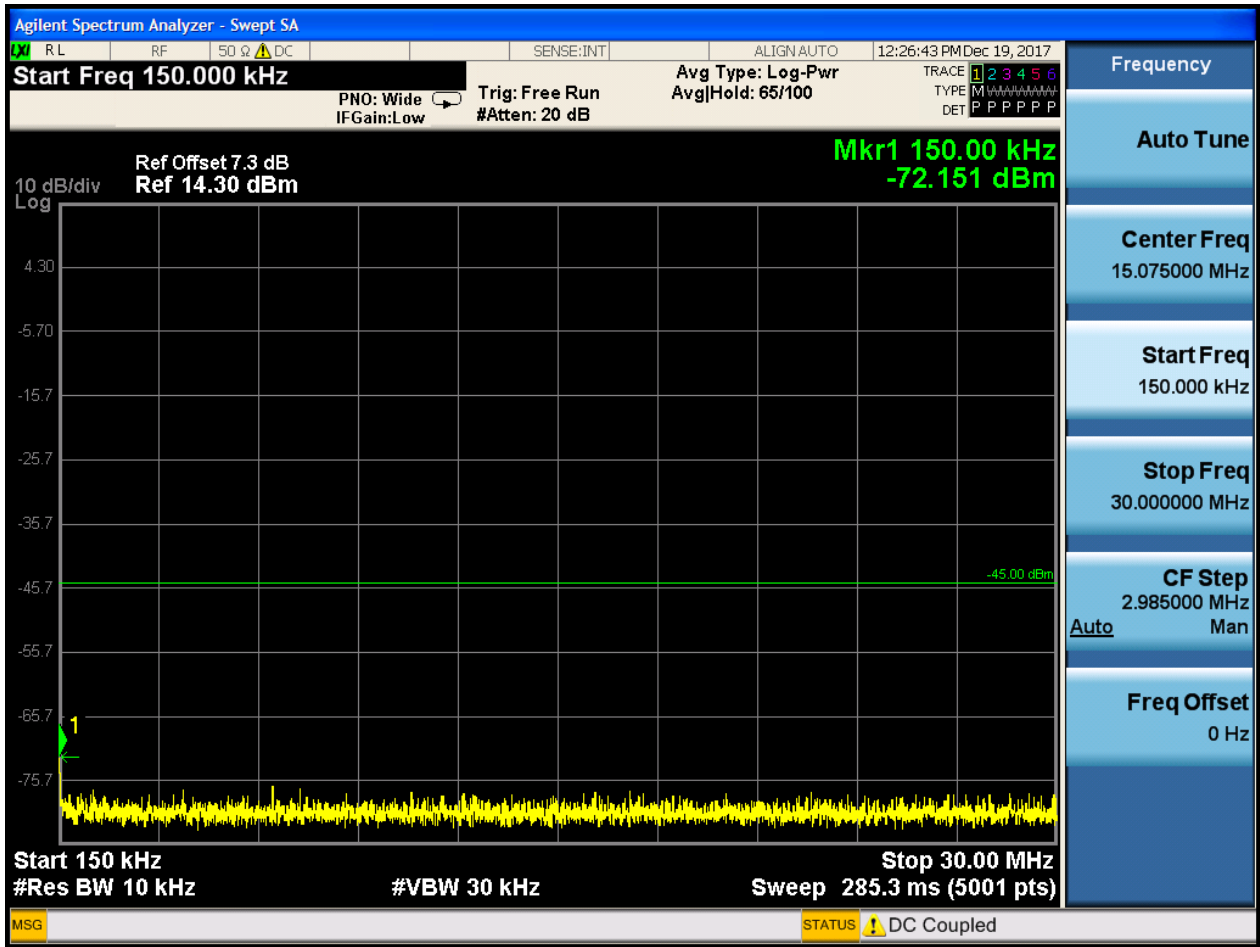


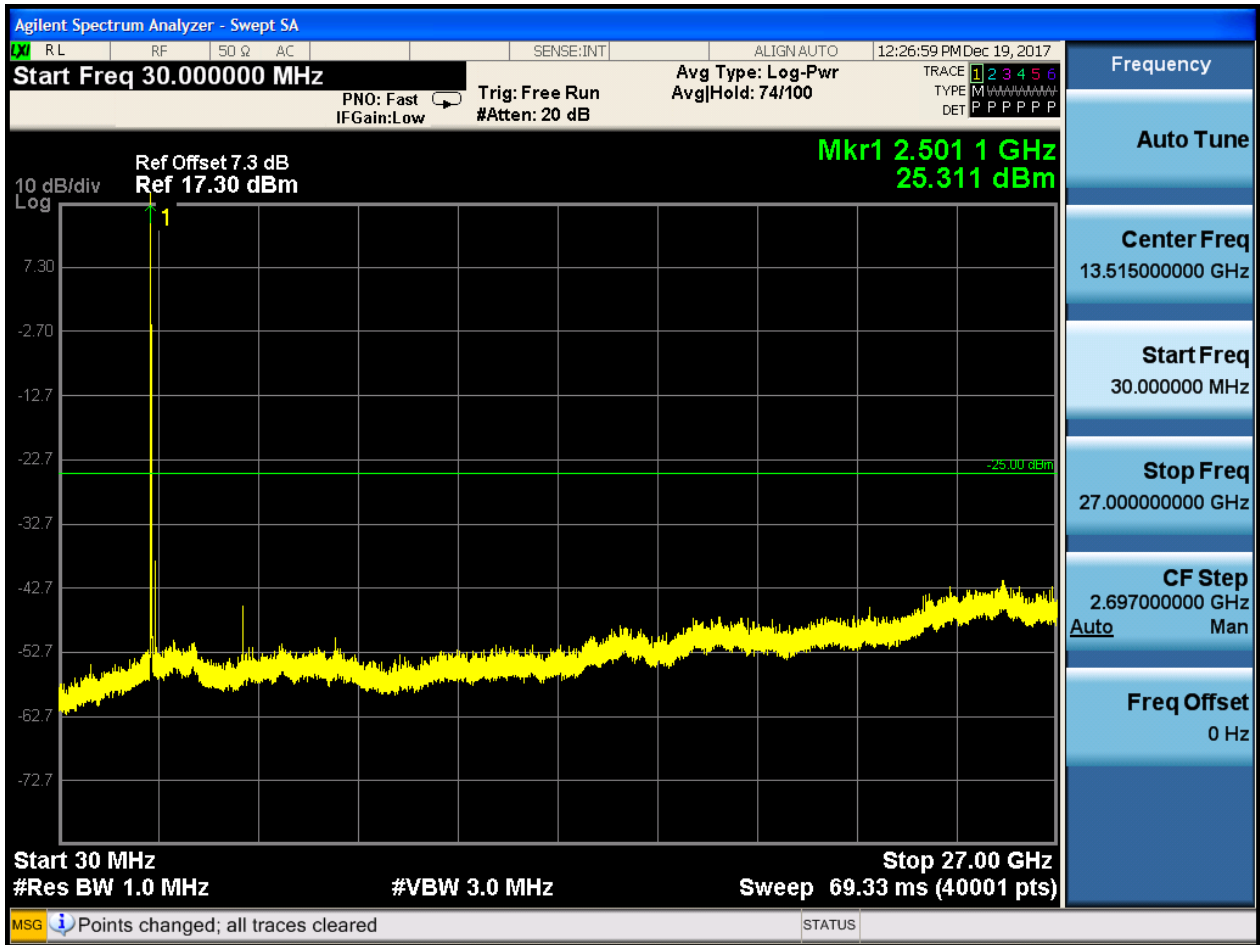
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



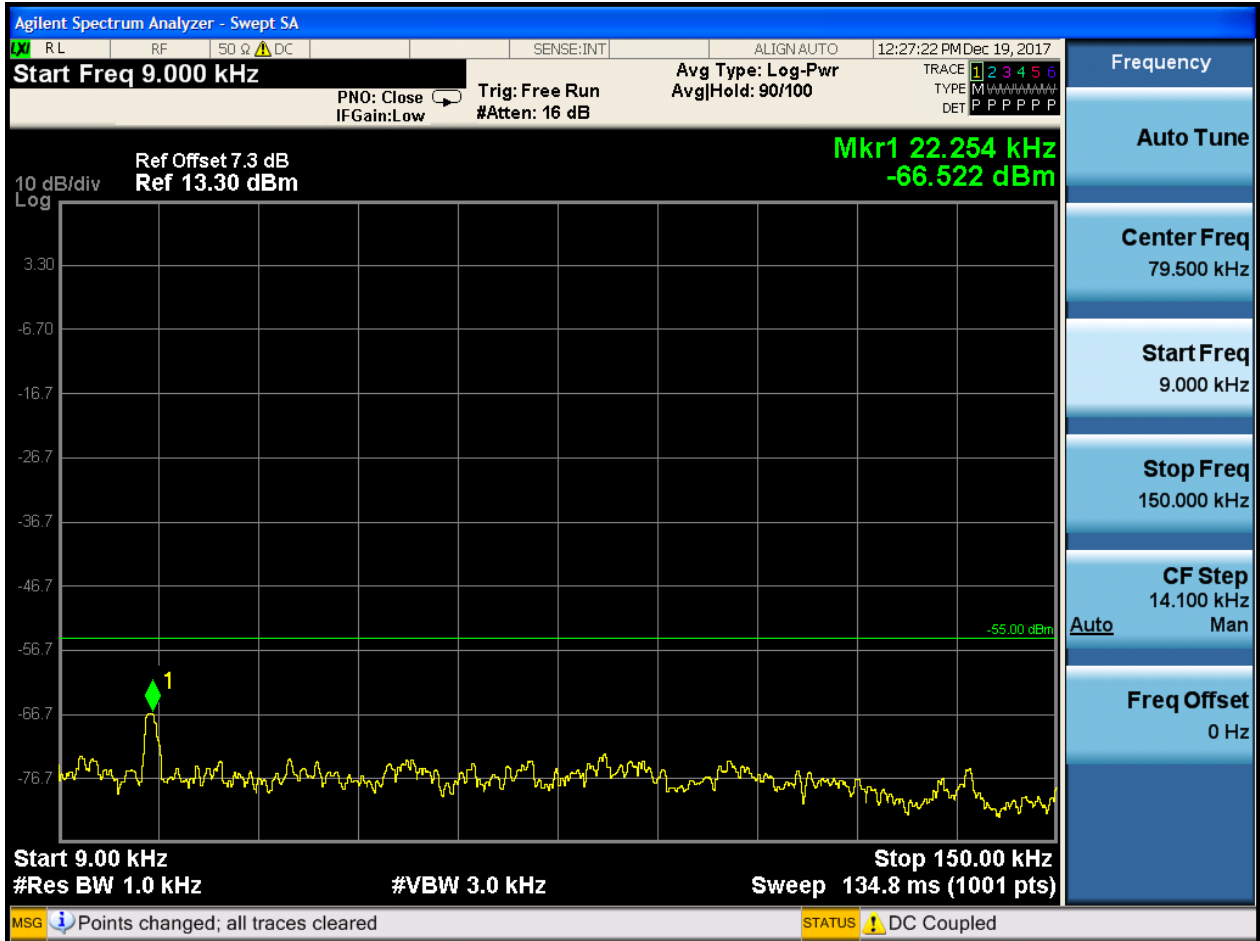


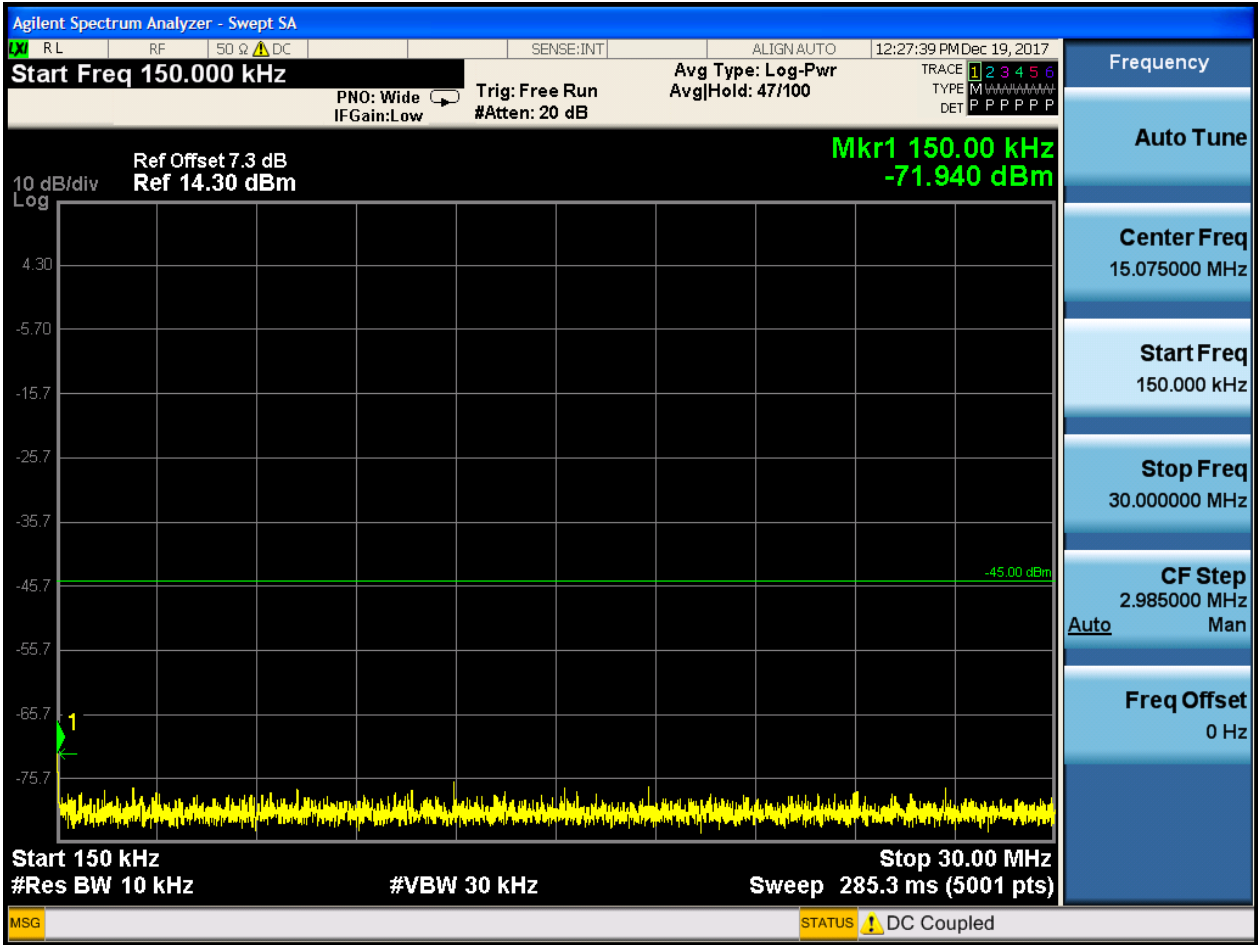


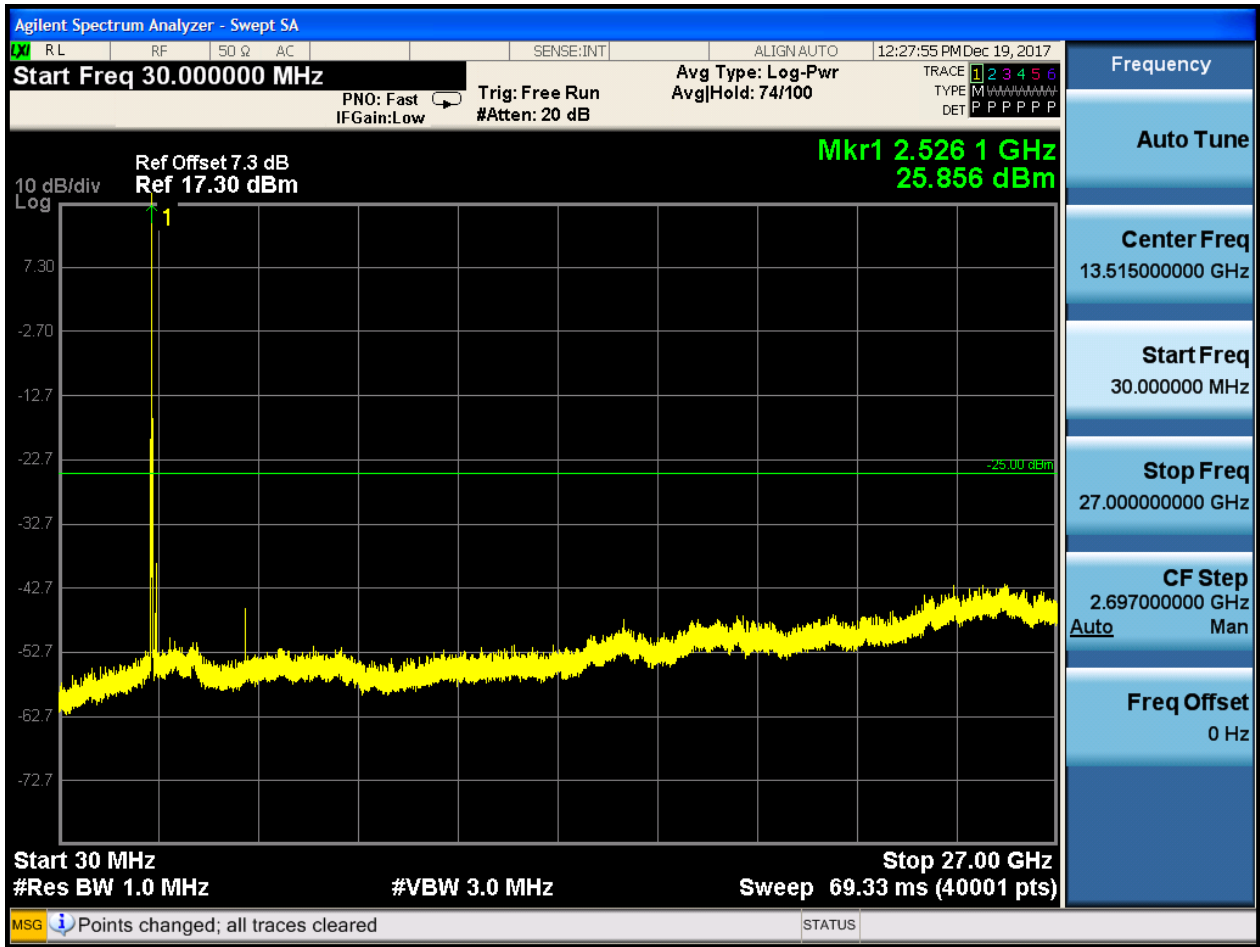


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





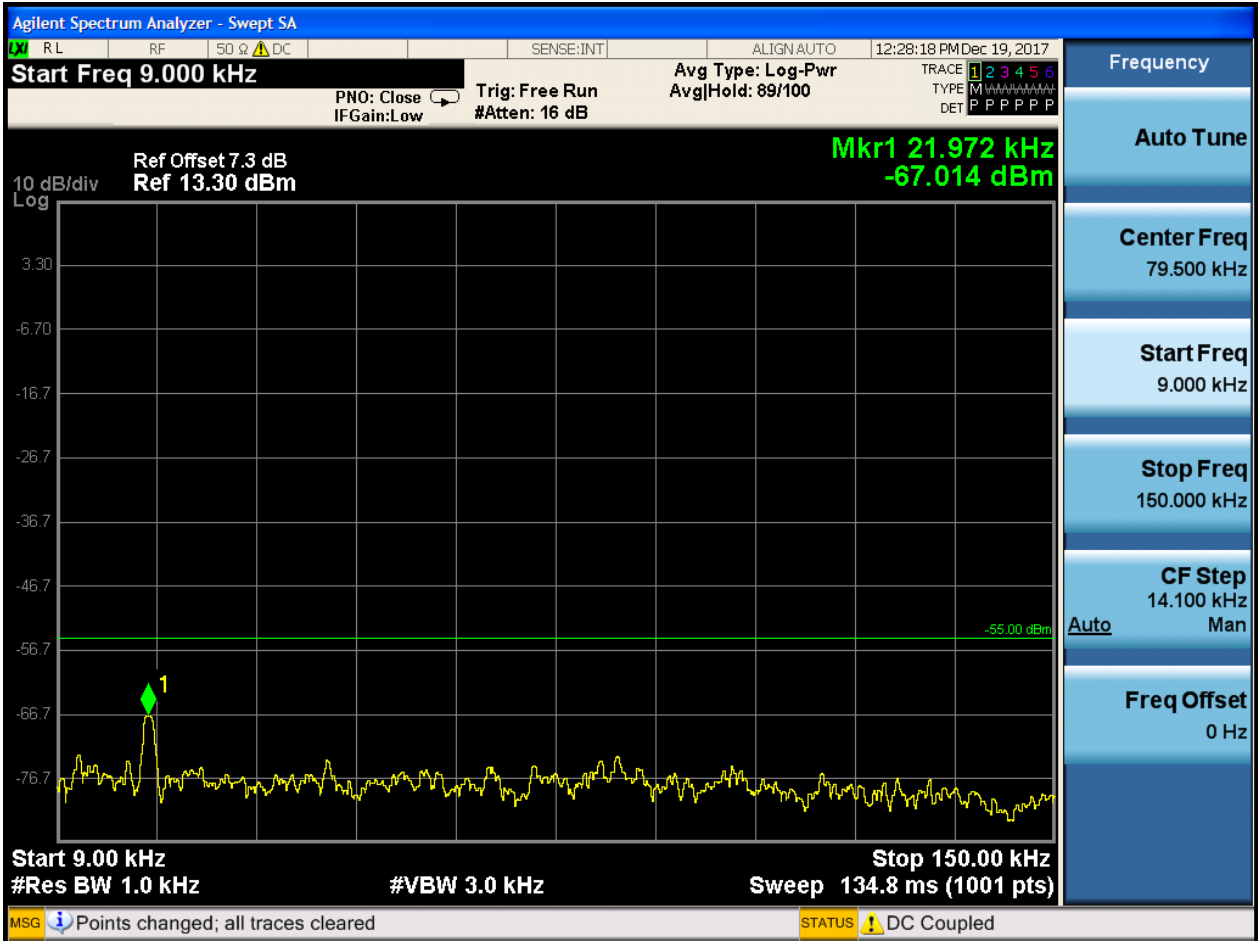


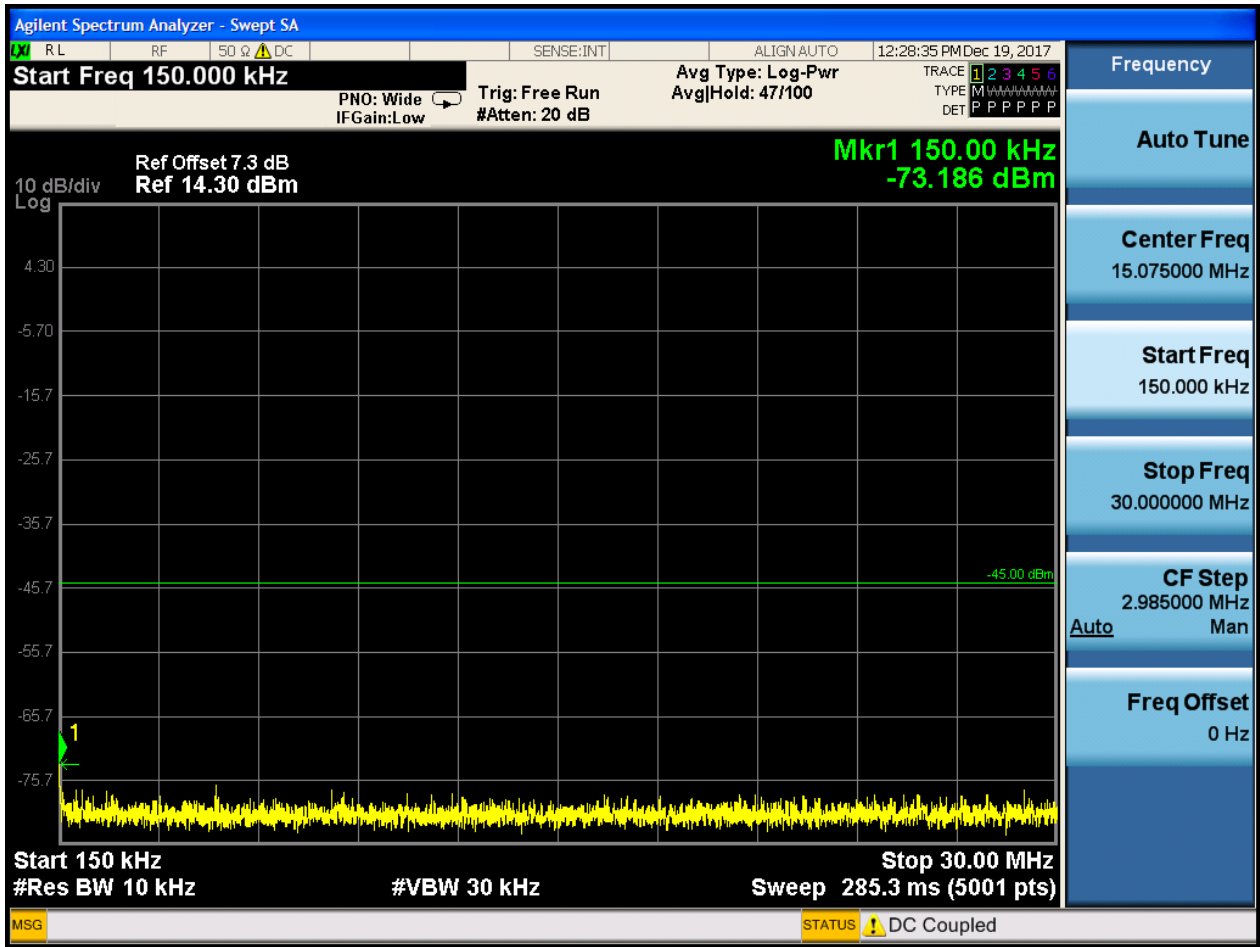




6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 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.

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

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

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

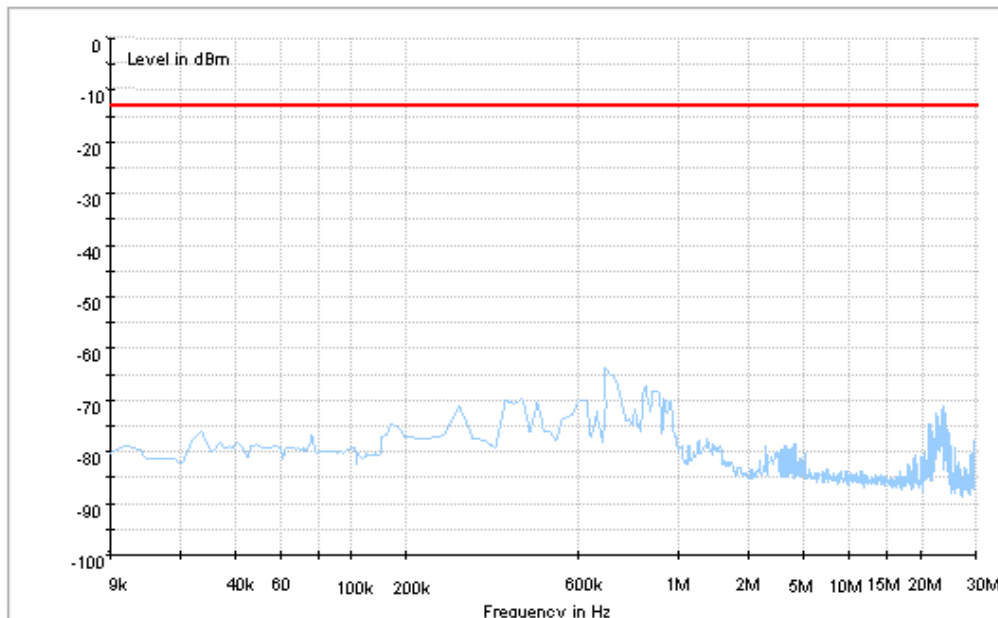
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz Detector: PK

### Part I - Test Plots

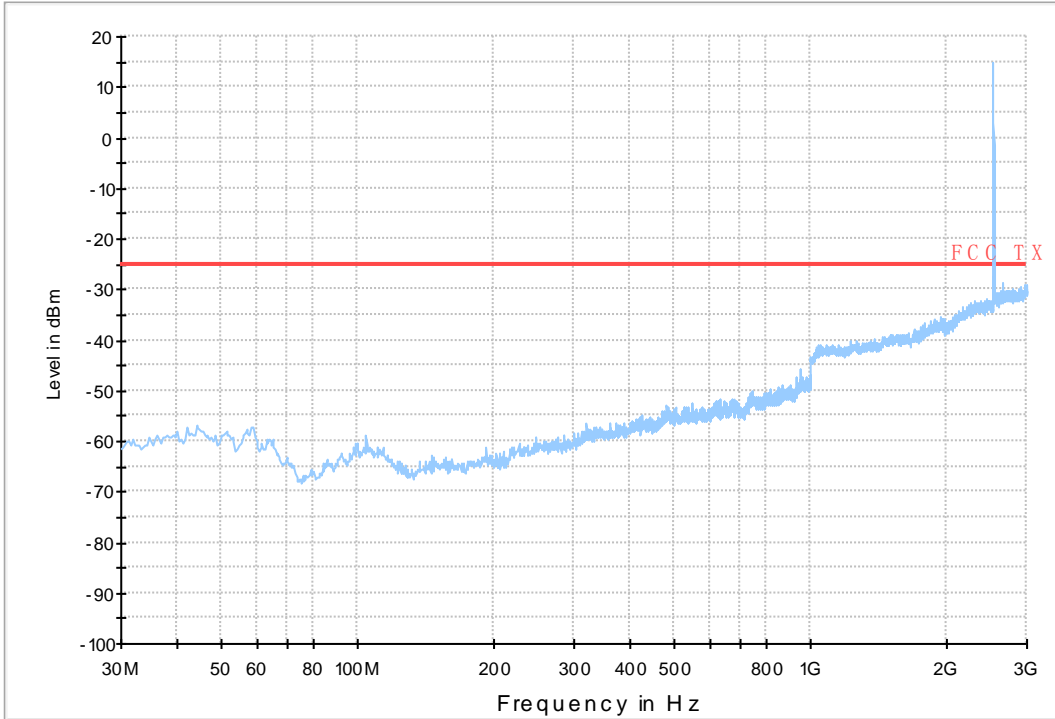
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND7\_ANT1

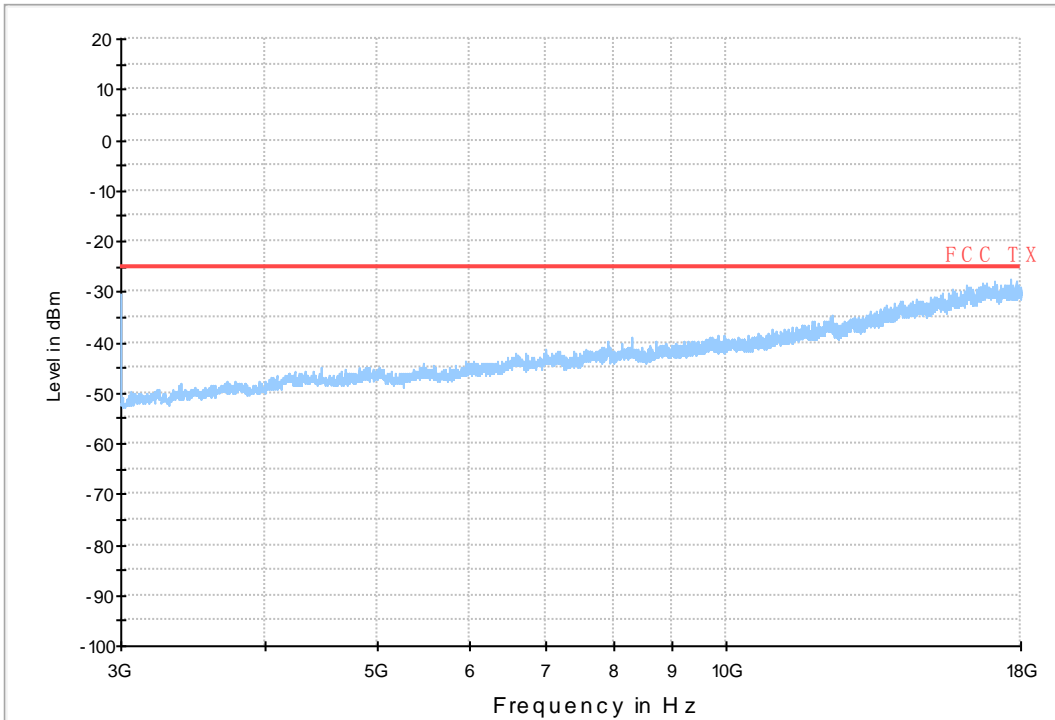
##### 7.1.1.1 Test Bandwidth = 5

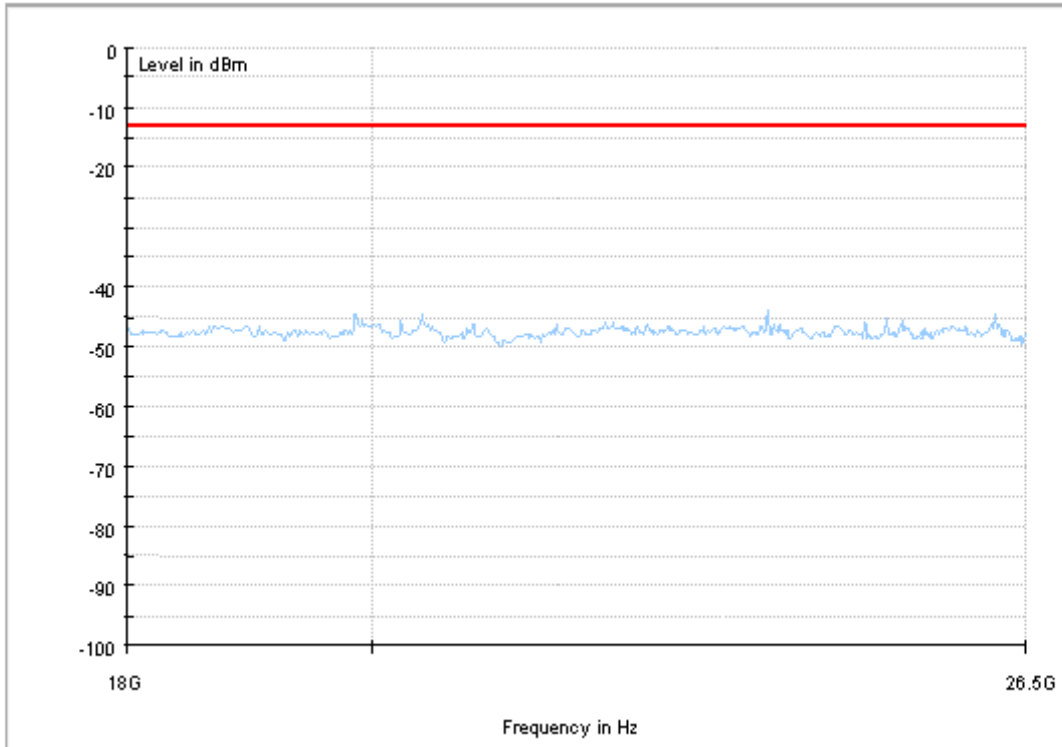


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L

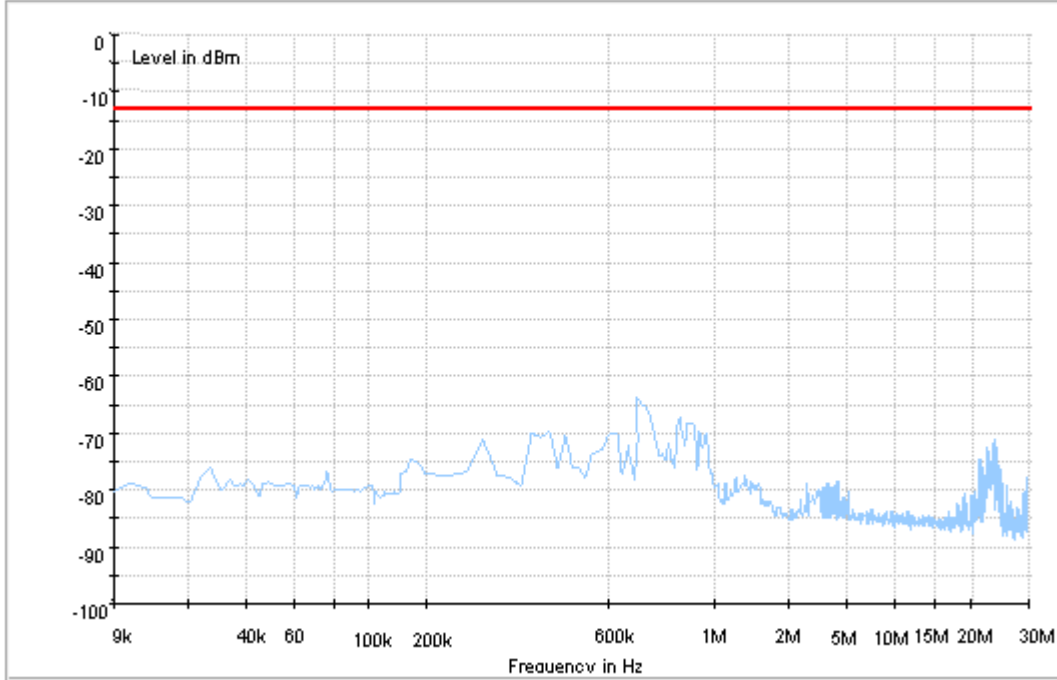


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H

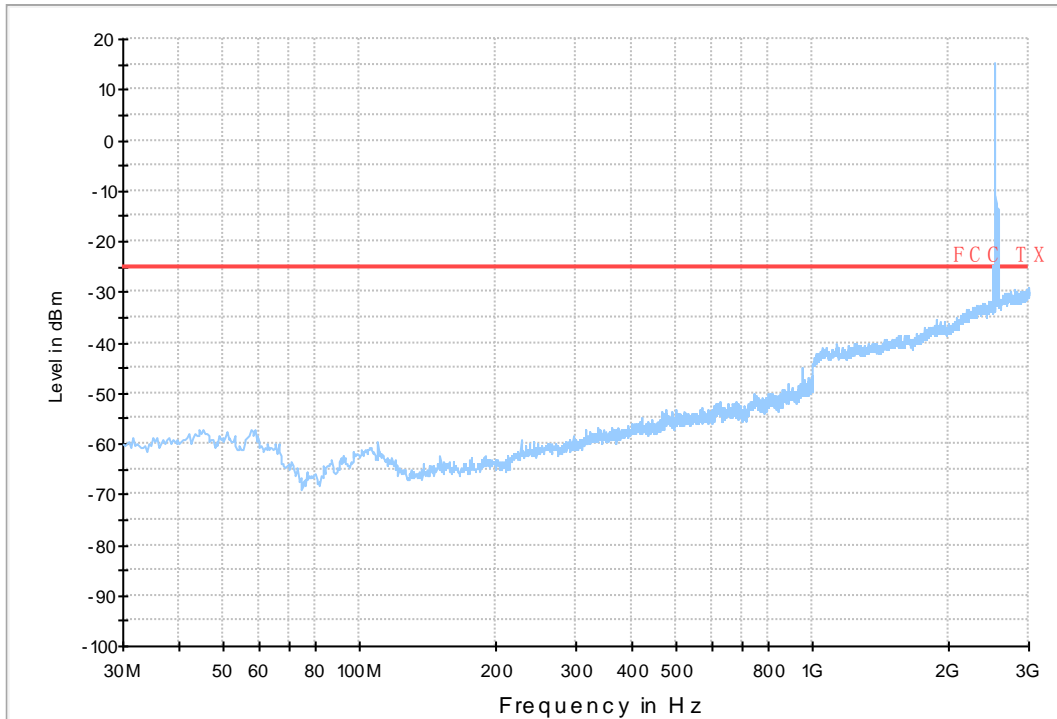




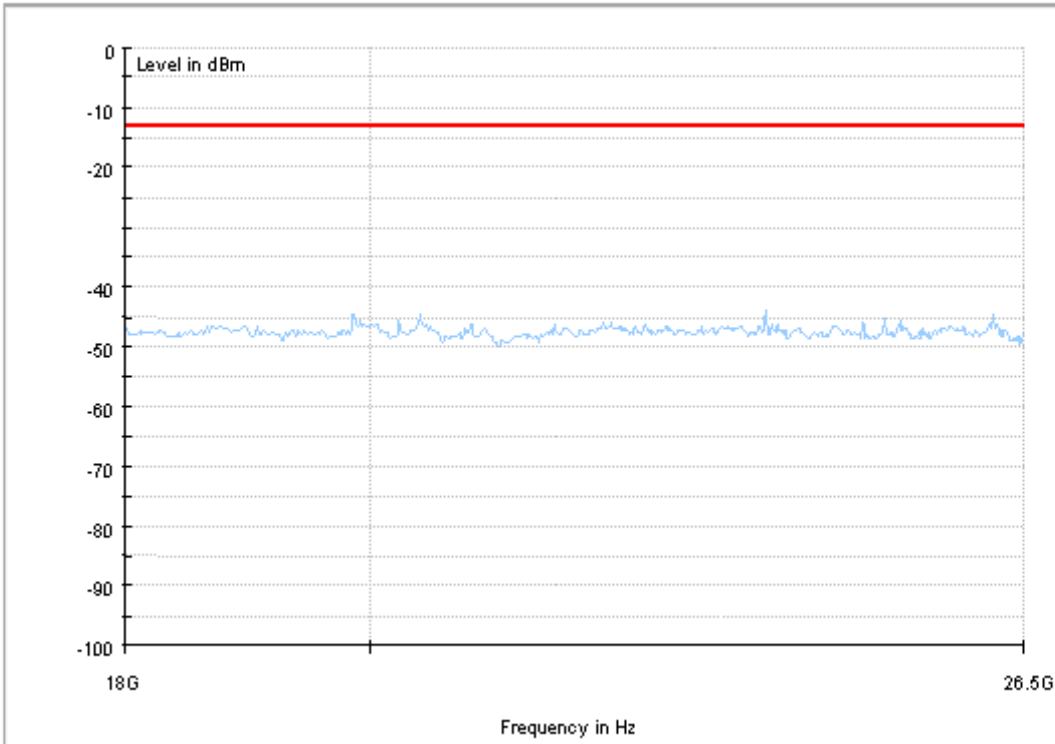
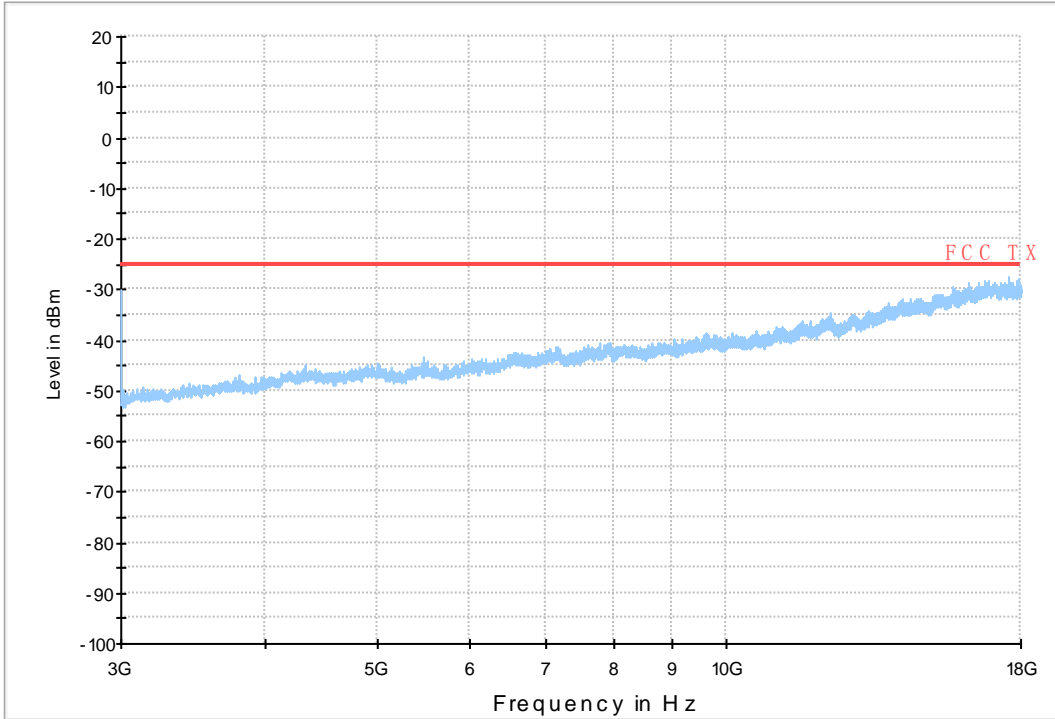
### 7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



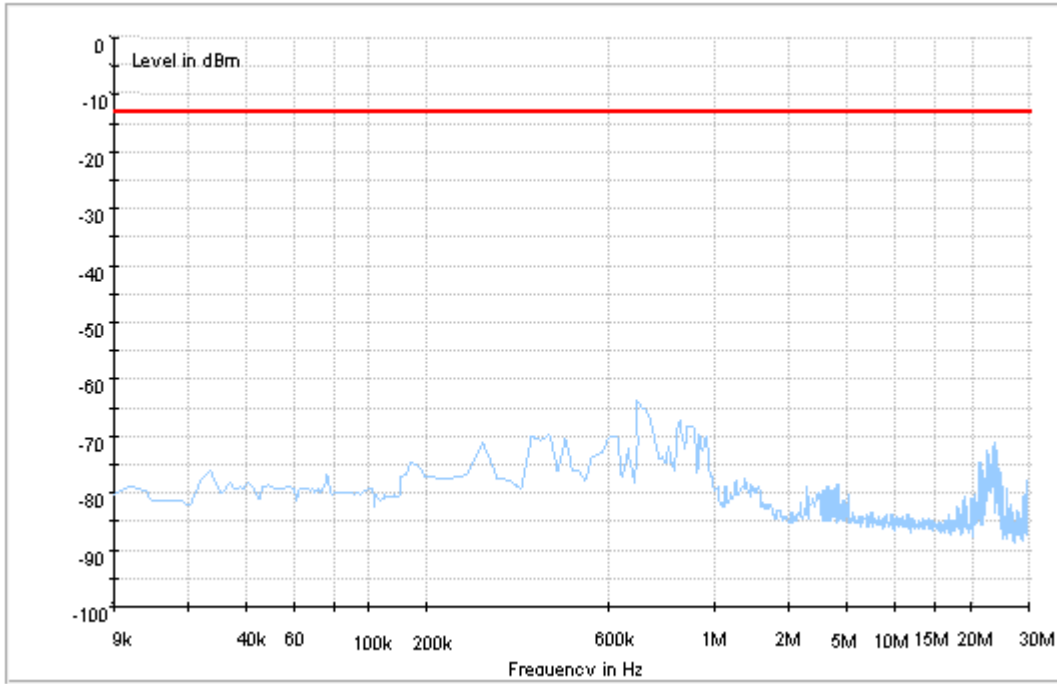
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H



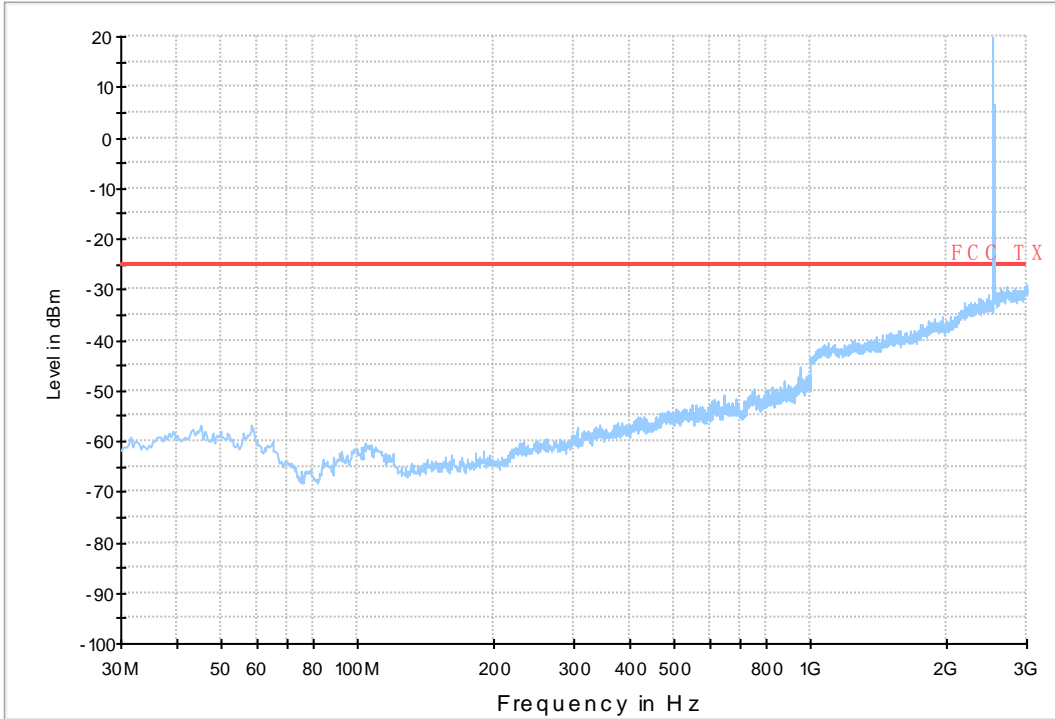


### 7.2.1 Test Band = BAND7\_ANT2

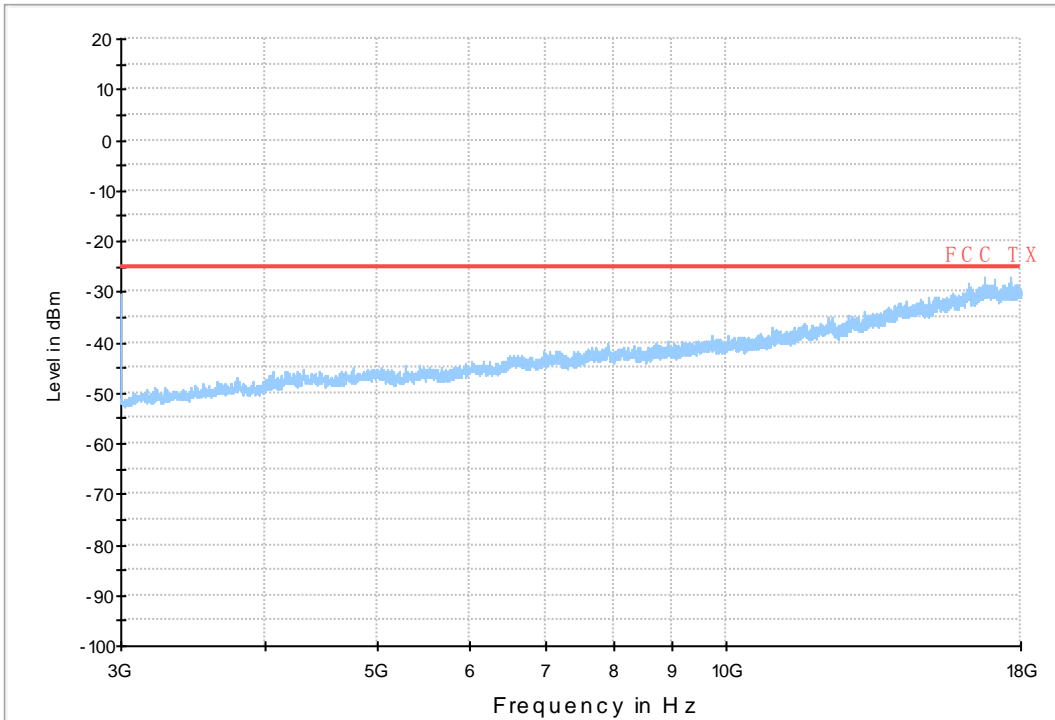
#### 7.2.1.1 Test Bandwidth = 5

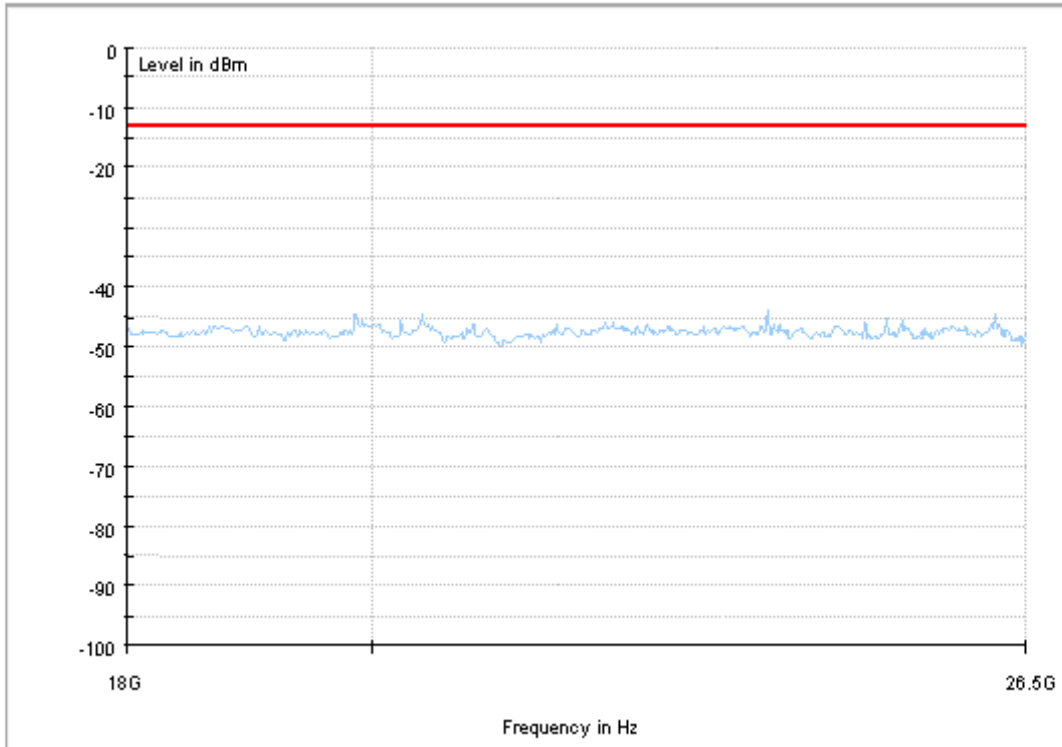


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L

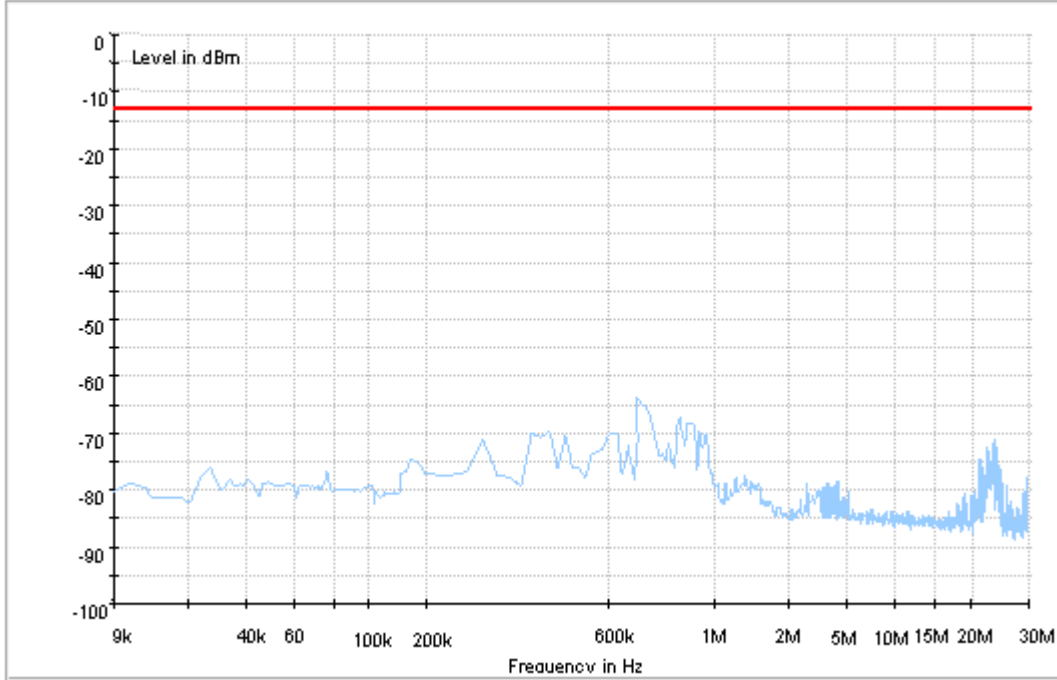


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H

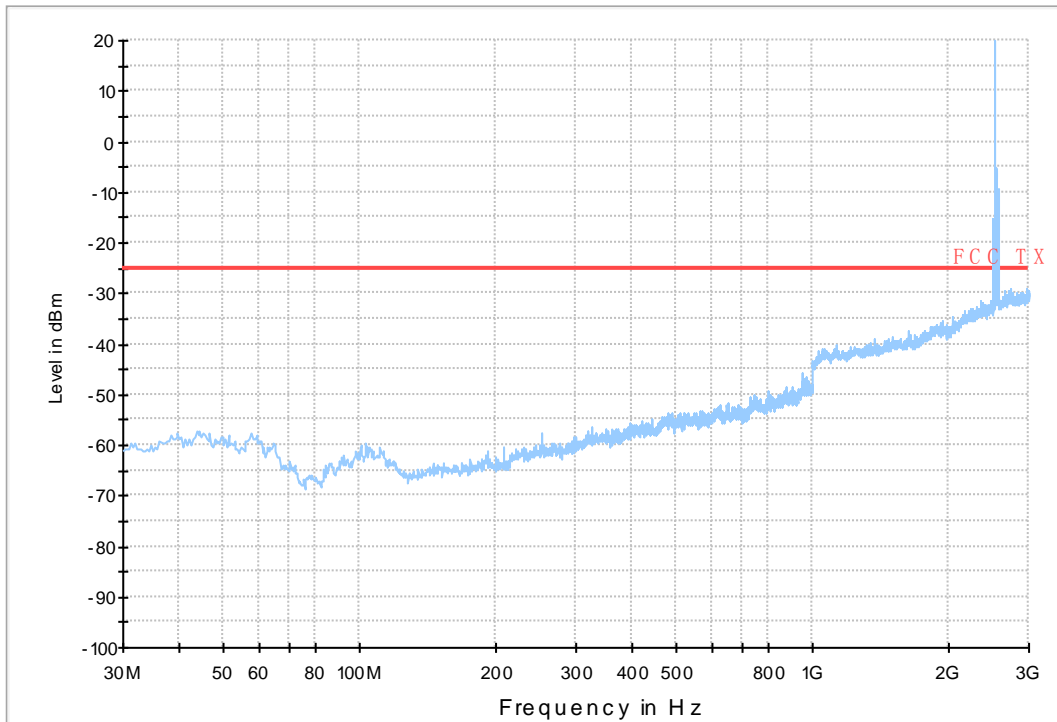




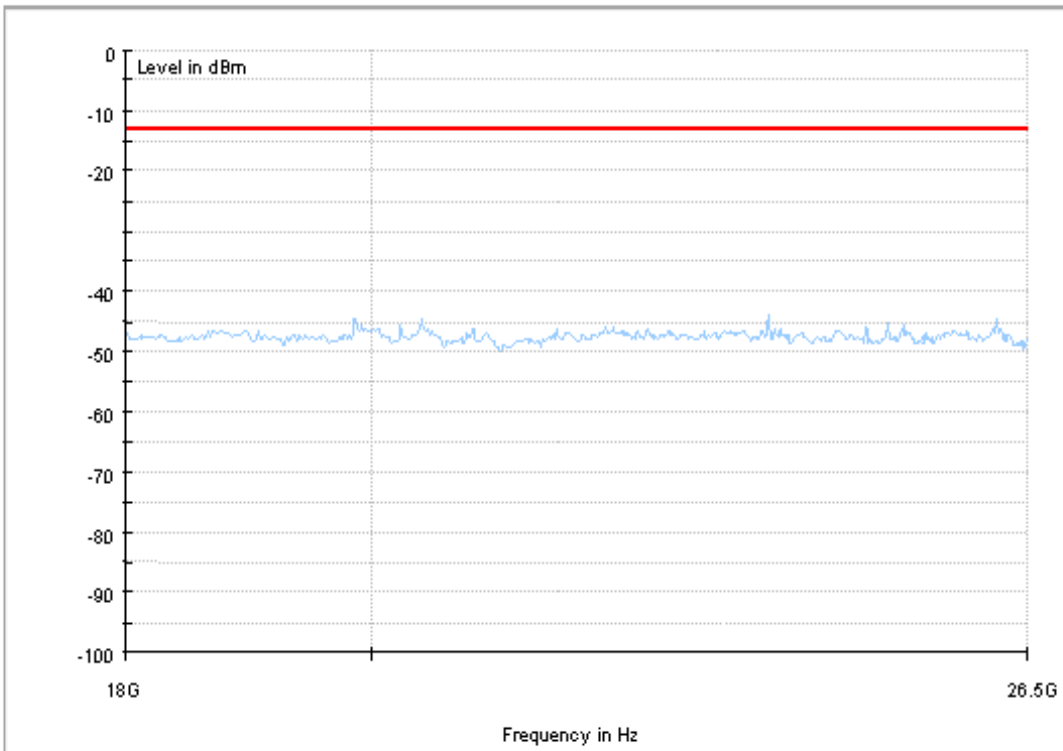
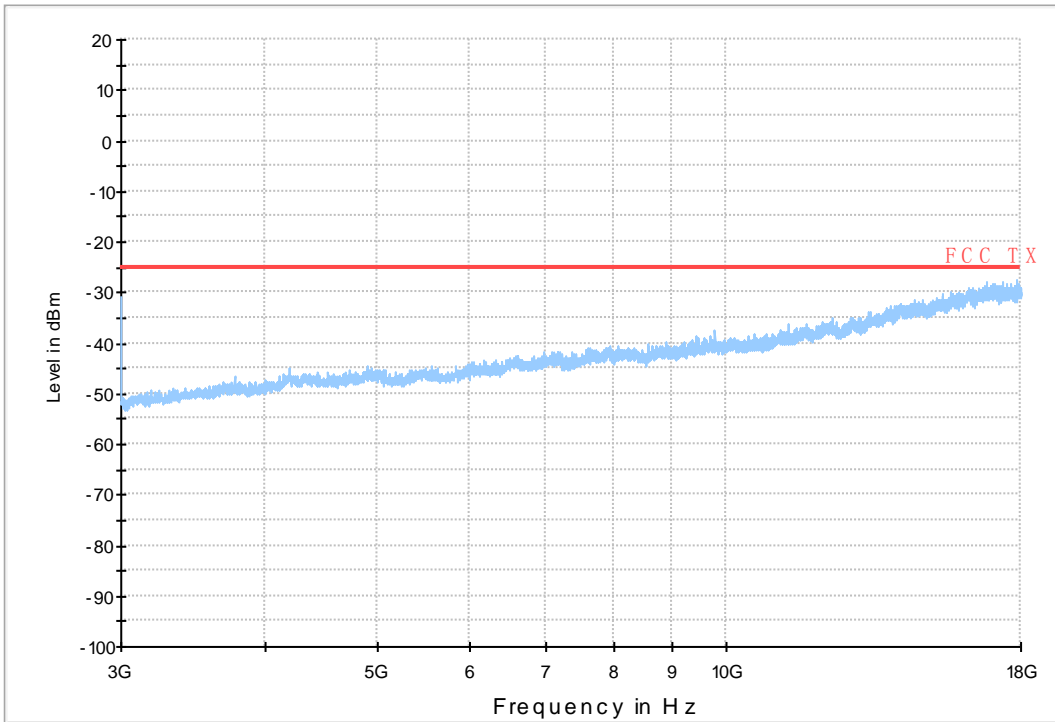
### 7.2.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H



## 8Appendix\_H: Frequency Stability

### 8.1 For LTE

#### 8.1.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND7	LTE/TM1	5	LCH	TN	VL	-2.07	-0.00083	PASS
					VN	-4.28	-0.00171	PASS
					VH	-1.99	-0.0008	PASS
			MCH	TN	VL	-0.51	-0.0002	PASS
					VN	-0.53	-0.00021	PASS
					VH	1.77	0.0007	PASS
			HCH	TN	VL	2.17	0.00085	PASS
					VN	-5.71	-0.00222	PASS
					VH	-0.21	-0.00008	PASS
		10	LCH	TN	VL	3.40	0.00136	PASS
					VN	0.09	0.00004	PASS
					VH	-2.40	-0.00096	PASS
			MCH	TN	VL	-3.66	-0.00144	PASS
					VN	-2.19	-0.00086	PASS
					VH	2.13	0.00084	PASS
			HCH	TN	VL	-2.36	-0.00092	PASS
					VN	-1.17	-0.00046	PASS
					VH	-1.92	-0.00075	PASS
		15	LCH	TN	VL	-0.14	-0.00006	PASS
					VN	-2.37	-0.00095	PASS
					VH	-2.46	-0.00098	PASS
			MCH	TN	VL	7.95	0.00314	PASS
					VN	2.49	0.00098	PASS
					VH	6.19	0.00244	PASS
			HCH	TN	VL	-3.20	-0.00125	PASS
					VN	-0.47	-0.00018	PASS
					VH	-1.49	-0.00058	PASS
		20	LCH	TN	VL	1.99	0.00079	PASS
					VN	-3.43	-0.00137	PASS
					VH	-6.08	-0.00242	PASS
				MCH	TN	VL	-3.59	-0.00142

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-5.76	-0.00227	PASS
					VH	-1.96	-0.00077	PASS
					VL	-1.60	-0.00063	PASS
			HCH	TN	VN	-1.93	-0.00075	PASS
					VH	-1.47	-0.00057	PASS
					VL	1.62	0.00065	PASS
		5	LCH	TN	VN	0.09	0.00004	PASS
					VH	1.16	0.00046	PASS
					VL	3.03	0.0012	PASS
			MCH	TN	VN	-1.02	-0.0004	PASS
					VH	-0.69	-0.00027	PASS
					VL	1.92	0.00075	PASS
	HCH		TN	VN	1.24	0.00048	PASS	
				VH	-0.60	-0.00023	PASS	
				VL	3.46	0.00138	PASS	
	10		LCH	TN	VN	1.42	0.00057	PASS
					VH	0.87	0.00035	PASS
					VL	-0.49	-0.00019	PASS
			MCH	TN	VN	0.54	0.00021	PASS
					VH	-0.56	-0.00022	PASS
					VL	-1.77	-0.00069	PASS
			HCH	TN	VN	0.19	0.00007	PASS
					VH	-3.98	-0.00155	PASS
					VL	-0.99	-0.00039	PASS
		15	LCH	TN	VN	0.64	0.00026	PASS
					VH	-3.79	-0.00151	PASS
					VL	4.13	0.00163	PASS
	MCH		TN	VN	5.82	0.0023	PASS	
				VH	3.43	0.00135	PASS	
				VL	-1.16	-0.00045	PASS	
	HCH		TN	VN	-1.32	-0.00052	PASS	
				VH	-2.53	-0.00099	PASS	
				VL	-7.34	-0.00292	PASS	
	20		LCH	TN	VN	-4.71	-0.00188	PASS
					VH	-3.50	-0.00139	PASS
					VL	2.42	0.00095	PASS
		MCH	TN	VN	-3.49	-0.00138	PASS	
				VH	-1.66	-0.00065	PASS	
				VL	-0.73	-0.00029	PASS	
		HCH	TN	VN	-0.73	-0.00029	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-2.86	-0.00112	PASS
					VH	-3.39	-0.00132	PASS

**8.1.2 Frequency Error vs. Temperature:**

Test Band	Test Temp.	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND7	-30	LTE/TM1	5	LCH	VN	-1.44	-0.00058	PASS
				MCH	VN	-1.47	-0.00058	PASS
				HCH	VN	0.06	0.00002	PASS
			10	LCH	VN	-0.86	-0.00034	PASS
				MCH	VN	2.80	0.0011	PASS
				HCH	VN	-1.62	-0.00063	PASS
			15	LCH	VN	0.07	0.00003	PASS
				MCH	VN	0.96	0.00038	PASS
				HCH	VN	0.50	0.0002	PASS
		20	LCH	VN	-2.76	-0.0011	PASS	
			MCH	VN	-1.32	-0.00052	PASS	
			HCH	VN	-1.24	-0.00048	PASS	
	-20	LTE/TM2	5	LCH	VN	-2.25	-0.0009	PASS
				MCH	VN	-1.53	-0.0006	PASS
				HCH	VN	1.39	0.00054	PASS
			10	LCH	VN	-2.72	-0.00109	PASS
				MCH	VN	1.49	0.00059	PASS
				HCH	VN	1.00	0.00039	PASS
			15	LCH	VN	0.00	0	PASS
				MCH	VN	-1.87	-0.00074	PASS
				HCH	VN	-3.23	-0.00126	PASS
		20	LCH	VN	-3.42	-0.00136	PASS	
			MCH	VN	-3.50	-0.00138	PASS	
			HCH	VN	-0.51	-0.0002	PASS	
		LTE/TM1	5	LCH	VN	-0.31	-0.00012	PASS
				MCH	VN	3.86	0.00152	PASS
				HCH	VN	2.59	0.00101	PASS
10	LCH		VN	-0.37	-0.00015	PASS		
	MCH		VN	0.46	0.00018	PASS		
	HCH		VN	-4.65	-0.00181	PASS		
15	LCH	VN	-0.96	-0.00038	PASS			



			20	MCH	VN	-7.38	-0.00291	PASS	
				HCH	VN	1.95	0.00076	PASS	
				LCH	VN	-8.74	-0.00348	PASS	
				MCH	VN	-3.98	-0.00157	PASS	
				HCH	VN	-1.09	-0.00043	PASS	
		LTE/TM2	5	LCH	VN	-1.42	-0.00057	PASS	
				MCH	VN	-3.03	-0.0012	PASS	
				HCH	VN	0.62	0.00024	PASS	
			10	LCH	VN	3.13	0.00125	PASS	
				MCH	VN	-2.63	-0.00104	PASS	
				HCH	VN	-0.47	-0.00018	PASS	
			15	LCH	VN	-1.33	-0.00053	PASS	
				MCH	VN	-12.73	-0.00502	PASS	
				HCH	VN	2.22	0.00087	PASS	
			20	LCH	VN	0.54	0.00022	PASS	
				MCH	VN	-5.71	-0.00225	PASS	
				HCH	VN	-0.21	-0.00008	PASS	
	-10	LTE/TM1	5	LCH	VN	1.90	0.00076	PASS	
				MCH	VN	2.47	0.00097	PASS	
				HCH	VN	-1.69	-0.00066	PASS	
			10	LCH	VN	-2.15	-0.00086	PASS	
				MCH	VN	2.06	0.00081	PASS	
				HCH	VN	0.21	0.00008	PASS	
			15	LCH	VN	0.84	0.00033	PASS	
				MCH	VN	-14.89	-0.00587	PASS	
				HCH	VN	-4.91	-0.00192	PASS	
			20	LCH	VN	-3.55	-0.00141	PASS	
				MCH	VN	-9.46	-0.00373	PASS	
				HCH	VN	-2.80	-0.00109	PASS	
		LTE/TM2	5	LCH	VN	-6.68	-0.00267	PASS	
				MCH	VN	2.19	0.00086	PASS	
				HCH	VN	3.19	0.00124	PASS	
			10	LCH	VN	2.63	0.00105	PASS	
				MCH	VN	-3.23	-0.00127	PASS	
				HCH	VN	-4.72	-0.00184	PASS	
	15		LCH	VN	-2.22	-0.00089	PASS		
			MCH	VN	-17.47	-0.00689	PASS		
			HCH	VN	-0.39	-0.00015	PASS		
	20	LCH	VN	-5.72	-0.00228	PASS			
		MCH	VN	-6.07	-0.00239	PASS			
		HCH	VN	-1.12	-0.00044	PASS			
0	LTE/TM1	5	LCH	VN	2.42	0.00097	PASS		

			10	MCH	VN	-2.05	-0.00081	PASS	
				HCH	VN	-5.61	-0.00219	PASS	
				LCH	VN	-4.05	-0.00162	PASS	
				MCH	VN	2.73	0.00108	PASS	
				HCH	VN	-1.22	-0.00048	PASS	
				HCH	VN	-1.22	-0.00048	PASS	
			15	LCH	VN	-1.62	-0.00065	PASS	
				MCH	VN	-13.52	-0.00533	PASS	
				HCH	VN	-3.69	-0.00144	PASS	
			20	LCH	VN	-4.69	-0.00187	PASS	
				MCH	VN	-7.84	-0.00309	PASS	
				HCH	VN	0.92	0.00036	PASS	
			LTE/TM2	5	LCH	VN	-0.76	-0.0003	PASS
					MCH	VN	2.65	0.00105	PASS
					HCH	VN	2.12	0.00083	PASS
				10	LCH	VN	-0.86	-0.00034	PASS
					MCH	VN	-0.13	-0.00005	PASS
					HCH	VN	1.54	0.0006	PASS
	15	LCH		VN	-1.56	-0.00062	PASS		
		MCH		VN	-12.10	-0.00477	PASS		
		HCH		VN	1.67	0.00065	PASS		
	20	LCH		VN	-3.46	-0.00138	PASS		
		MCH		VN	-2.26	-0.00089	PASS		
		HCH		VN	2.90	0.00113	PASS		
	10	LTE/TM1	5	LCH	VN	2.50	0.001	PASS	
				MCH	VN	-0.33	-0.00013	PASS	
				HCH	VN	0.51	0.0002	PASS	
			10	LCH	VN	1.83	0.00073	PASS	
				MCH	VN	-2.59	-0.00102	PASS	
				HCH	VN	-3.20	-0.00125	PASS	
			15	LCH	VN	3.42	0.00136	PASS	
				MCH	VN	3.32	0.00131	PASS	
				HCH	VN	-1.00	-0.00039	PASS	
			20	LCH	VN	-3.19	-0.00127	PASS	
				MCH	VN	4.18	0.00165	PASS	
				HCH	VN	-0.70	-0.00027	PASS	
		LTE/TM2	5	LCH	VN	0.87	0.00035	PASS	
				MCH	VN	-0.56	-0.00022	PASS	
				HCH	VN	-2.62	-0.00102	PASS	
			10	LCH	VN	2.12	0.00085	PASS	
				MCH	VN	0.06	0.00002	PASS	
				HCH	VN	0.40	0.00016	PASS	
15	LCH	VN	-1.82	-0.00073	PASS				



	20		20	MCH	VN	5.84	0.0023	PASS
				HCH	VN	1.09	0.00043	PASS
				LCH	VN	-3.92	-0.00156	PASS
				MCH	VN	8.25	0.00325	PASS
				HCH	VN	-3.29	-0.00129	PASS
		LTE/TM1	5	LCH	VN	-1.67	-0.00067	PASS
				MCH	VN	4.45	0.00176	PASS
				HCH	VN	3.08	0.0012	PASS
			10	LCH	VN	3.03	0.00121	PASS
				MCH	VN	1.06	0.00042	PASS
	HCH			VN	-4.72	-0.00184	PASS	
	15		LCH	VN	0.44	0.00018	PASS	
			MCH	VN	-3.50	-0.00138	PASS	
			HCH	VN	-4.31	-0.00168	PASS	
	20		LCH	VN	-9.20	-0.00367	PASS	
			MCH	VN	-6.34	-0.0025	PASS	
			HCH	VN	-0.83	-0.00032	PASS	
	LTE/TM2		5	LCH	VN	-1.89	-0.00076	PASS
				MCH	VN	-2.45	-0.00097	PASS
				HCH	VN	0.29	0.00011	PASS
10		LCH	VN	-0.07	-0.00003	PASS		
		MCH	VN	-0.66	-0.00026	PASS		
		HCH	VN	-1.27	-0.0005	PASS		
15		LCH	VN	0.46	0.00018	PASS		
		MCH	VN	-4.75	-0.00187	PASS		
		HCH	VN	2.89	0.00113	PASS		
20		LCH	VN	-4.72	-0.00188	PASS		
		MCH	VN	-3.45	-0.00136	PASS		
		HCH	VN	2.78	0.00109	PASS		
30		LTE/TM1	5	LCH	VN	-2.39	-0.00096	PASS
				MCH	VN	-0.77	-0.0003	PASS
				HCH	VN	0.86	0.00033	PASS
	10		LCH	VN	4.11	0.00164	PASS	
			MCH	VN	-4.69	-0.00185	PASS	
			HCH	VN	1.34	0.00052	PASS	
	15		LCH	VN	3.03	0.00121	PASS	
			MCH	VN	-3.38	-0.00133	PASS	
			HCH	VN	0.47	0.00018	PASS	
	20		LCH	VN	-7.65	-0.00305	PASS	
			MCH	VN	-3.55	-0.0014	PASS	
			HCH	VN	-1.52	-0.00059	PASS	
	LTE/TM2		5	LCH	VN	-2.98	-0.00119	PASS



			10	MCH	VN	10.73	0.00423	PASS
				HCH	VN	-0.20	-0.00008	PASS
				LCH	VN	0.77	0.00031	PASS
				MCH	VN	-9.64	-0.0038	PASS
				HCH	VN	0.33	0.00013	PASS
				HCH	VN	0.33	0.00013	PASS
			15	LCH	VN	1.52	0.00061	PASS
				MCH	VN	-10.51	-0.00415	PASS
				HCH	VN	2.20	0.00086	PASS
			20	LCH	VN	-3.46	-0.00138	PASS
				MCH	VN	-4.13	-0.00163	PASS
				HCH	VN	-3.16	-0.00123	PASS
	40	LTE/TM1	5	LCH	VN	0.67	0.00027	PASS
				MCH	VN	-0.96	-0.00038	PASS
				HCH	VN	-1.95	-0.00076	PASS
			10	LCH	VN	-1.60	-0.00064	PASS
				MCH	VN	0.93	0.00037	PASS
				HCH	VN	1.86	0.00073	PASS
			15	LCH	VN	0.82	0.00033	PASS
				MCH	VN	-5.14	-0.00203	PASS
				HCH	VN	-3.59	-0.0014	PASS
			20	LCH	VN	-4.18	-0.00167	PASS
				MCH	VN	3.60	0.00142	PASS
				HCH	VN	0.37	0.00014	PASS
		LTE/TM2	5	LCH	VN	-2.72	-0.00109	PASS
				MCH	VN	1.34	0.00053	PASS
				HCH	VN	1.79	0.0007	PASS
			10	LCH	VN	-4.92	-0.00196	PASS
				MCH	VN	-1.36	-0.00054	PASS
				HCH	VN	-1.93	-0.00075	PASS
	15		LCH	VN	-3.36	-0.00134	PASS	
			MCH	VN	-0.37	-0.00015	PASS	
			HCH	VN	-3.43	-0.00134	PASS	
	20	LCH	VN	-8.45	-0.00337	PASS		
		MCH	VN	-3.33	-0.00131	PASS		
		HCH	VN	-3.68	-0.00144	PASS		
50	LTE/TM1	5	LCH	VN	-3.88	-0.00155	PASS	
			MCH	VN	1.27	0.0005	PASS	
			HCH	VN	0.49	0.00019	PASS	
		10	LCH	VN	2.40	0.00096	PASS	
			MCH	VN	2.40	0.00095	PASS	
			HCH	VN	-0.87	-0.00034	PASS	
		15	LCH	VN	-2.72	-0.00108	PASS	

		LTE/TM2	20	MCH	VN	-1.00	-0.00039	PASS
				HCH	VN	-0.97	-0.00038	PASS
				LCH	VN	-1.02	-0.00041	PASS
				MCH	VN	4.21	0.00166	PASS
				HCH	VN	-3.03	-0.00118	PASS
				LCH	VN	-0.43	-0.00017	PASS
			5	MCH	VN	-0.57	-0.00022	PASS
				HCH	VN	-0.21	-0.00008	PASS
				LCH	VN	-2.37	-0.00095	PASS
			10	MCH	VN	-1.37	-0.00054	PASS
				HCH	VN	-2.27	-0.00088	PASS
				LCH	VN	-4.78	-0.00191	PASS
			15	MCH	VN	-1.56	-0.00062	PASS
				HCH	VN	-2.92	-0.00114	PASS
				LCH	VN	-4.03	-0.00161	PASS
			20	MCH	VN	0.04	0.00002	PASS
				HCH	VN	-2.26	-0.00088	PASS
				LCH	VN	-2.26	-0.00088	PASS

END