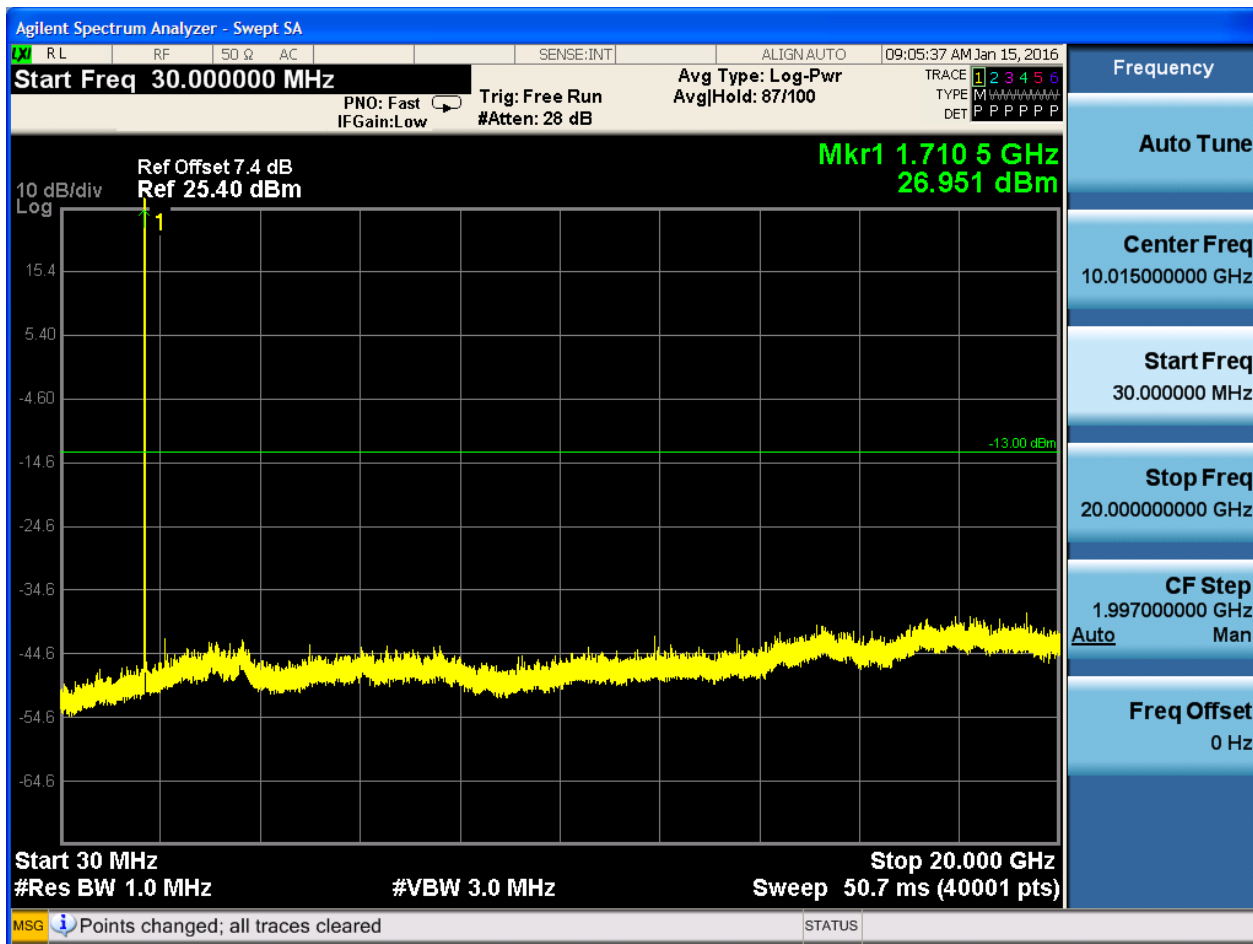
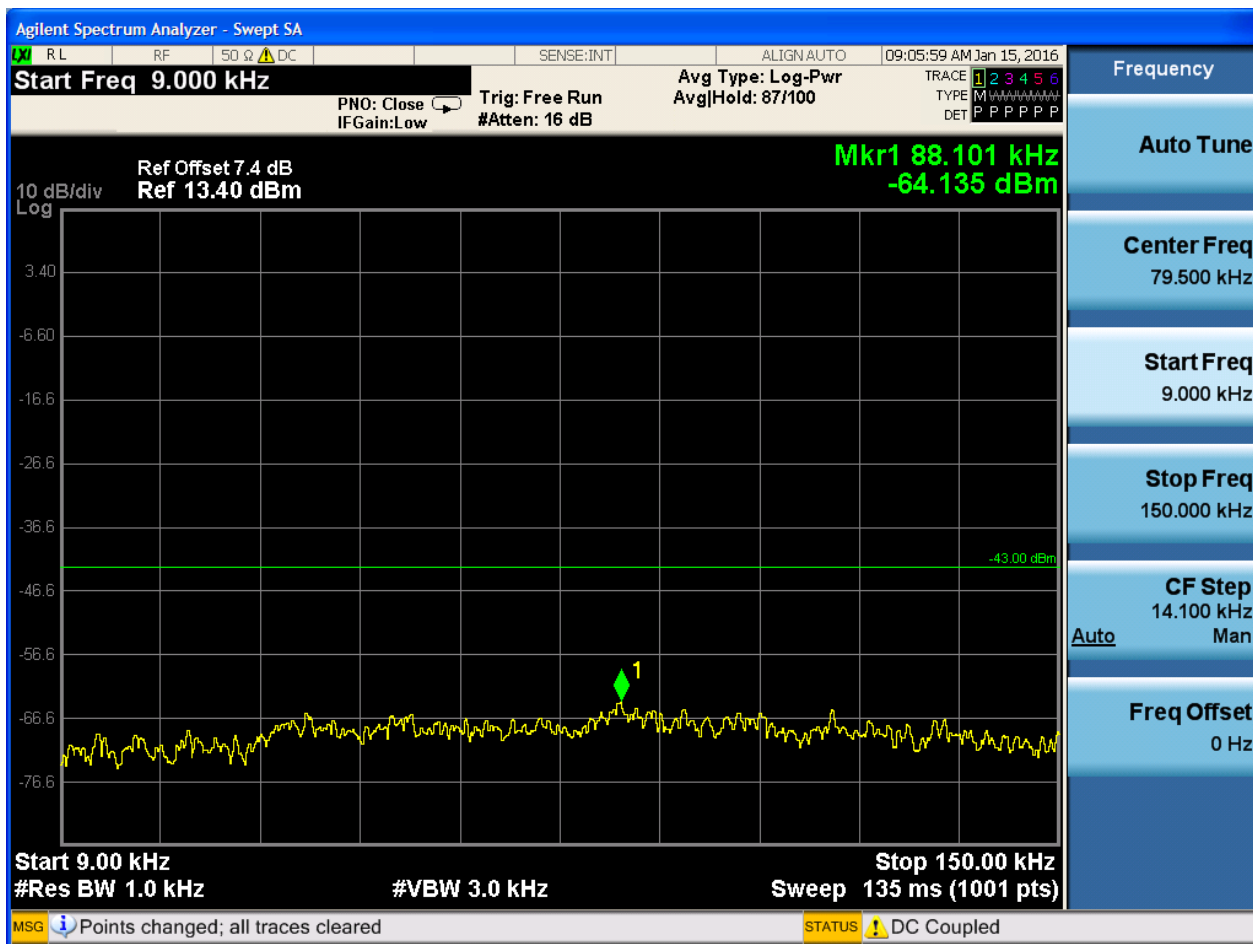




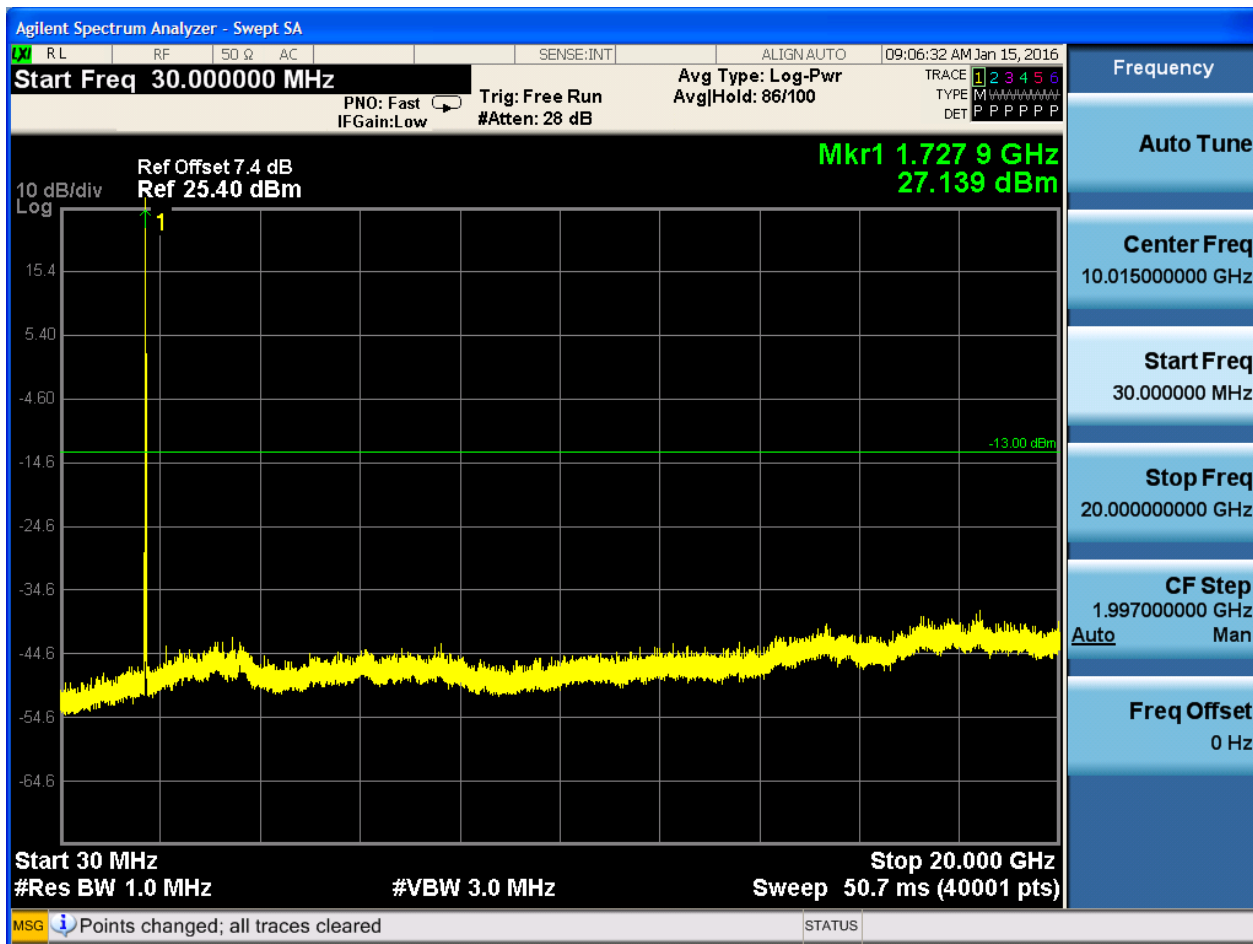


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



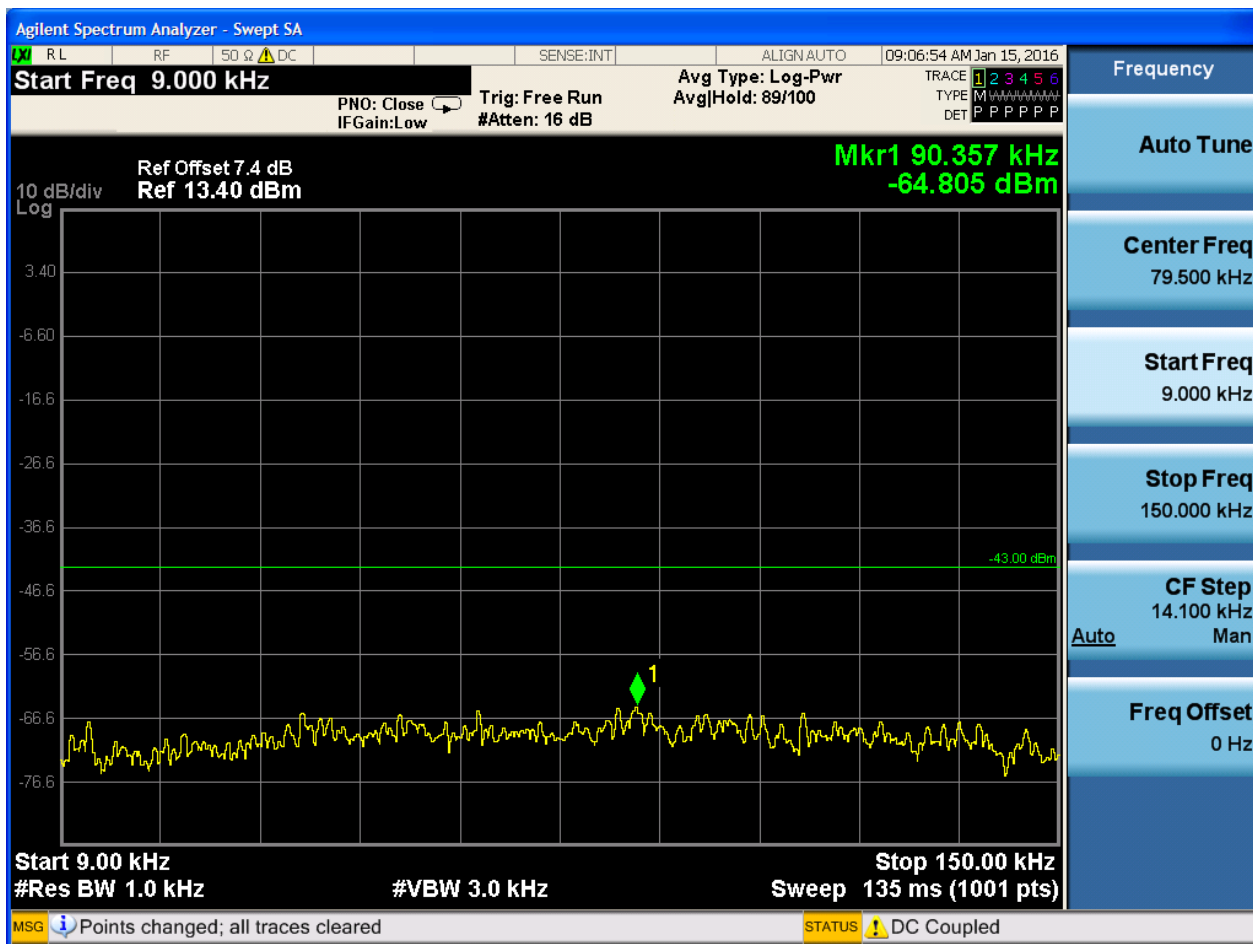


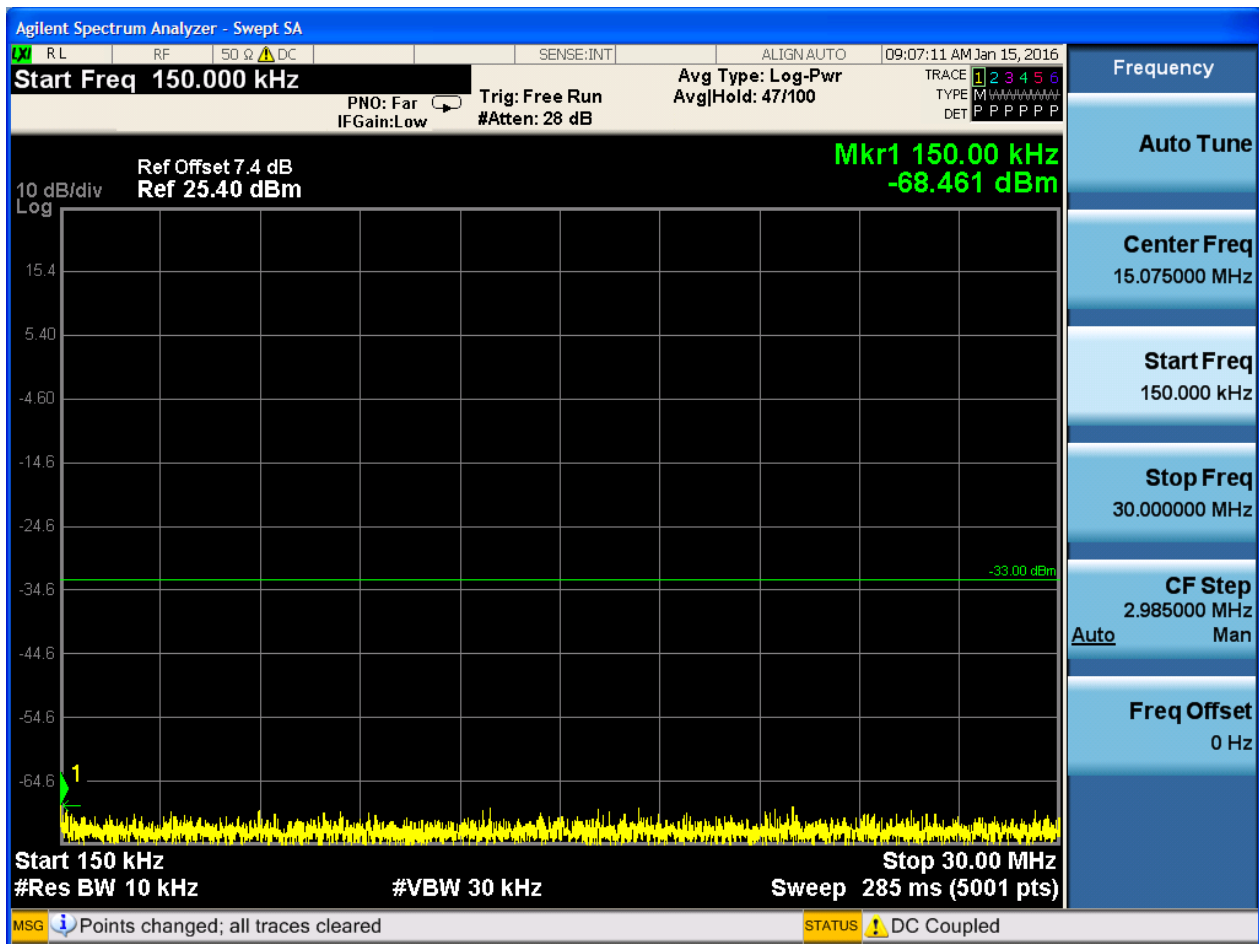


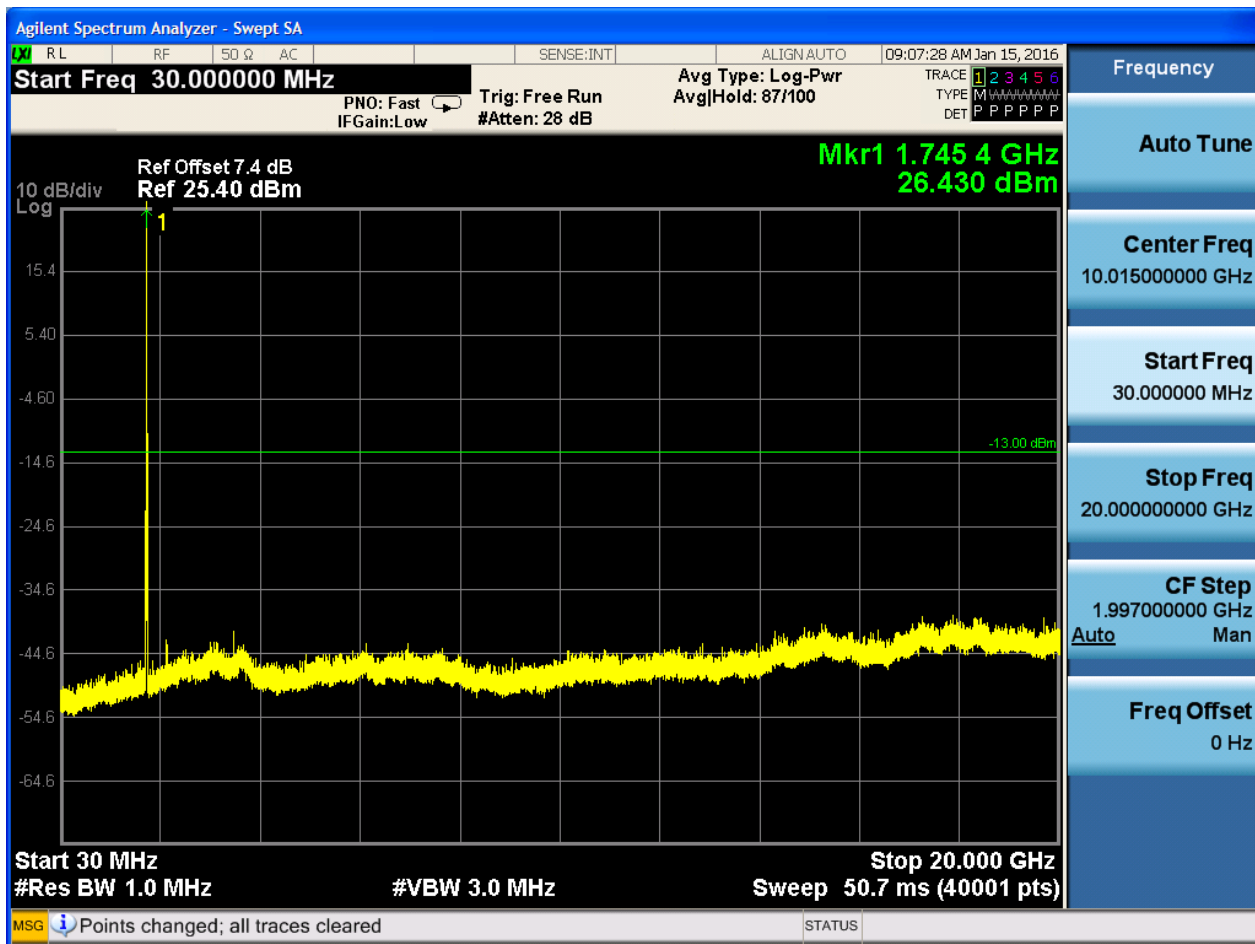


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0



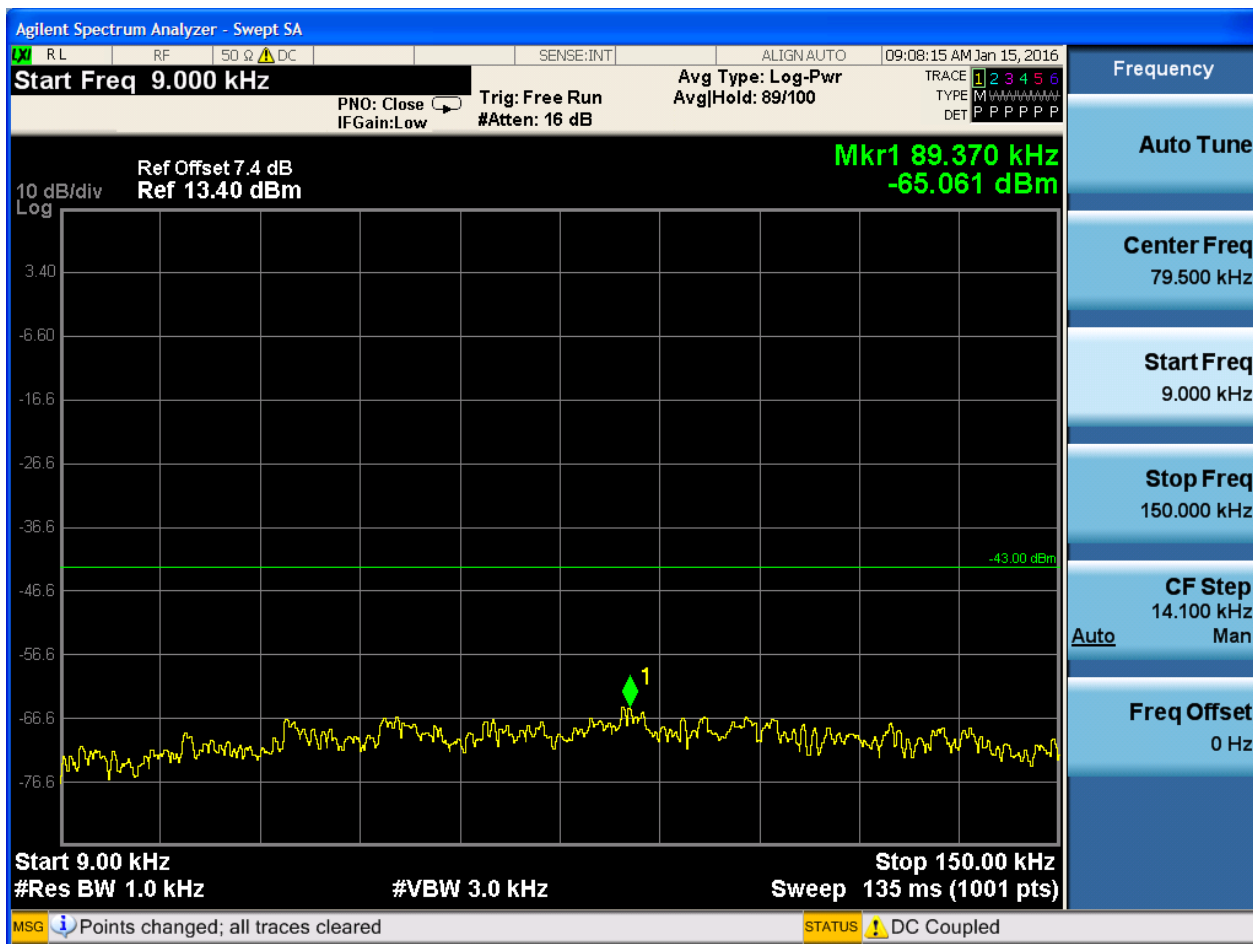


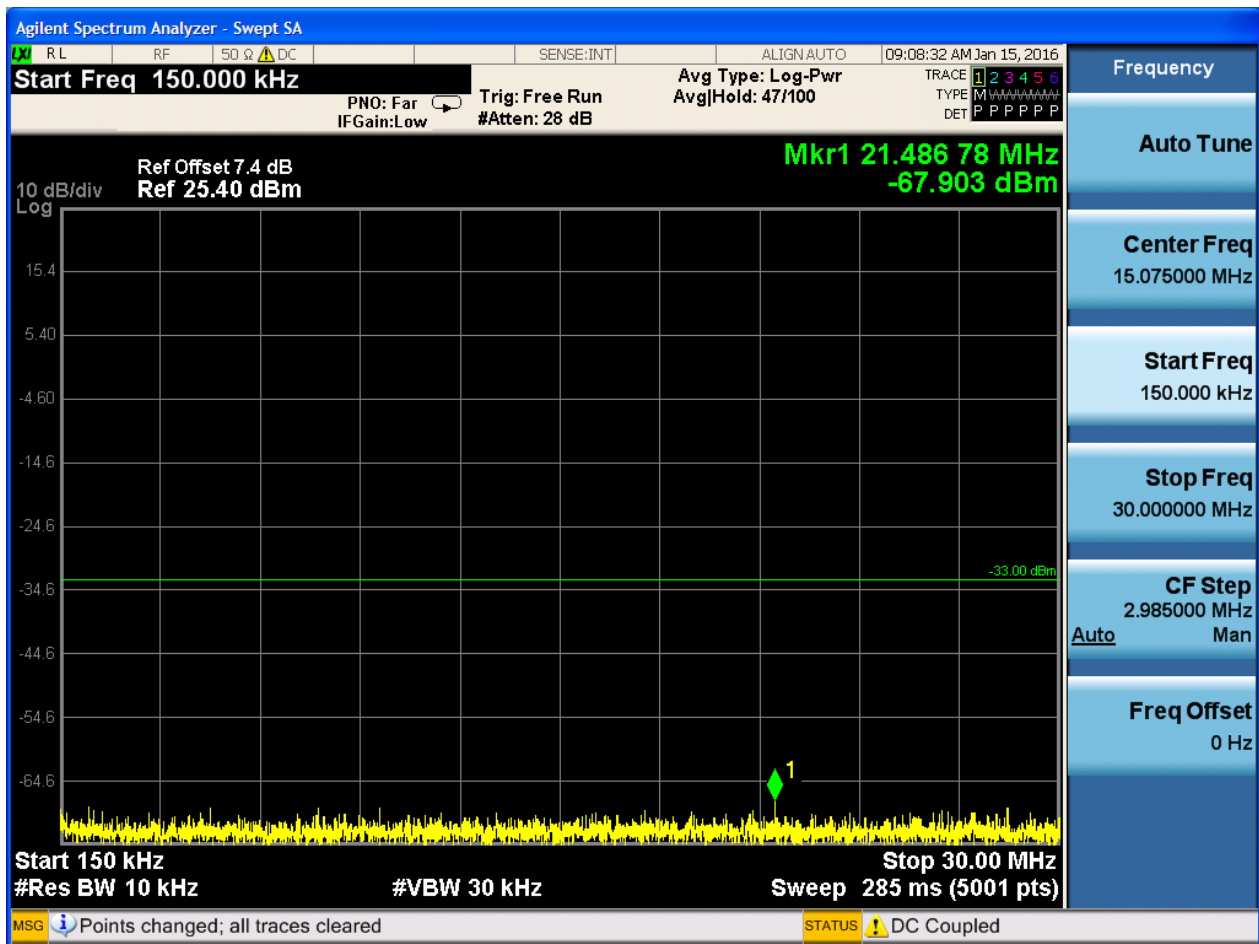


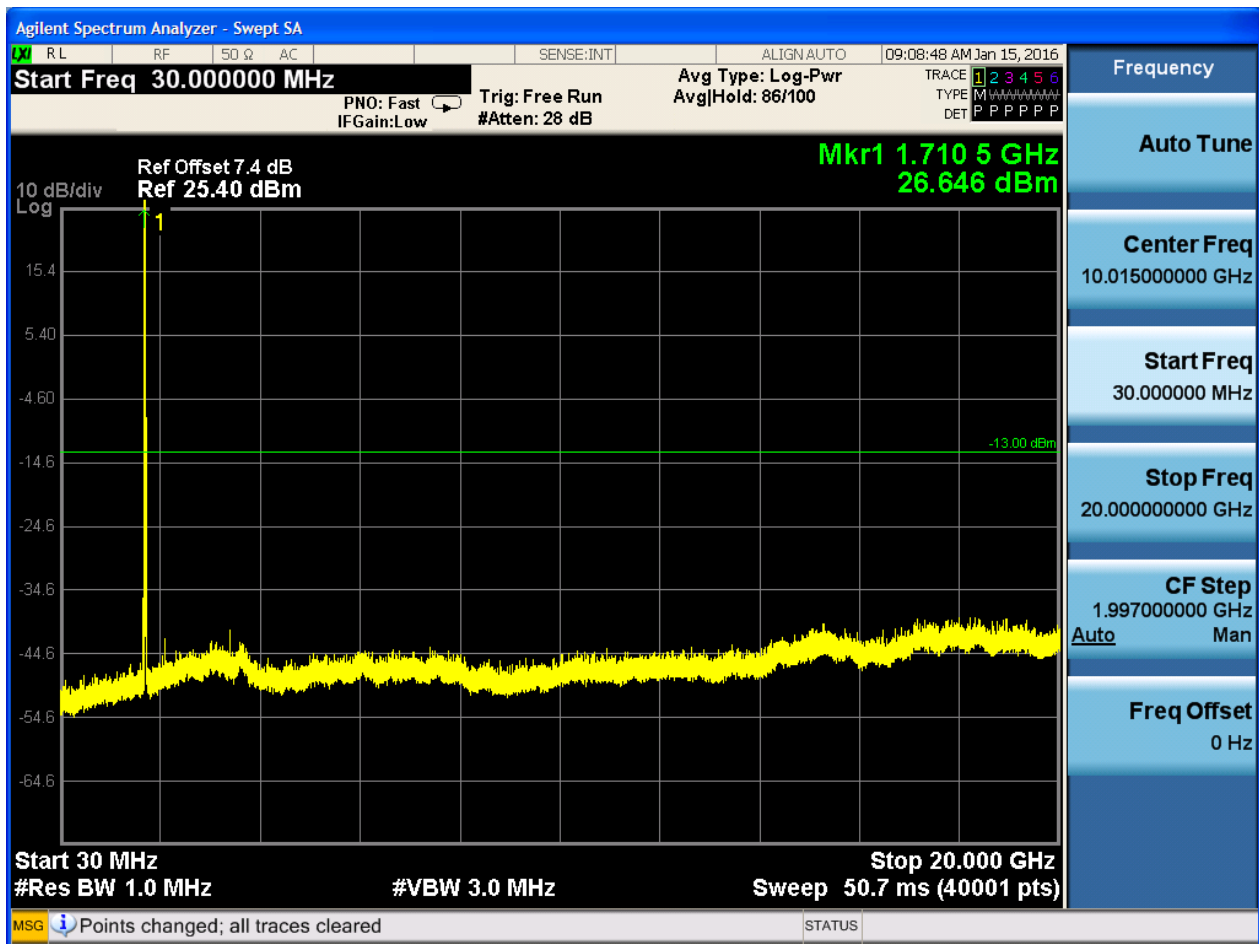
6.1.1.1.5 Test Bandwidth = 15

6.1.1.1.5.1 Test Channel = LCH

6.1.1.1.5.1.1 Test RB = RB1#0

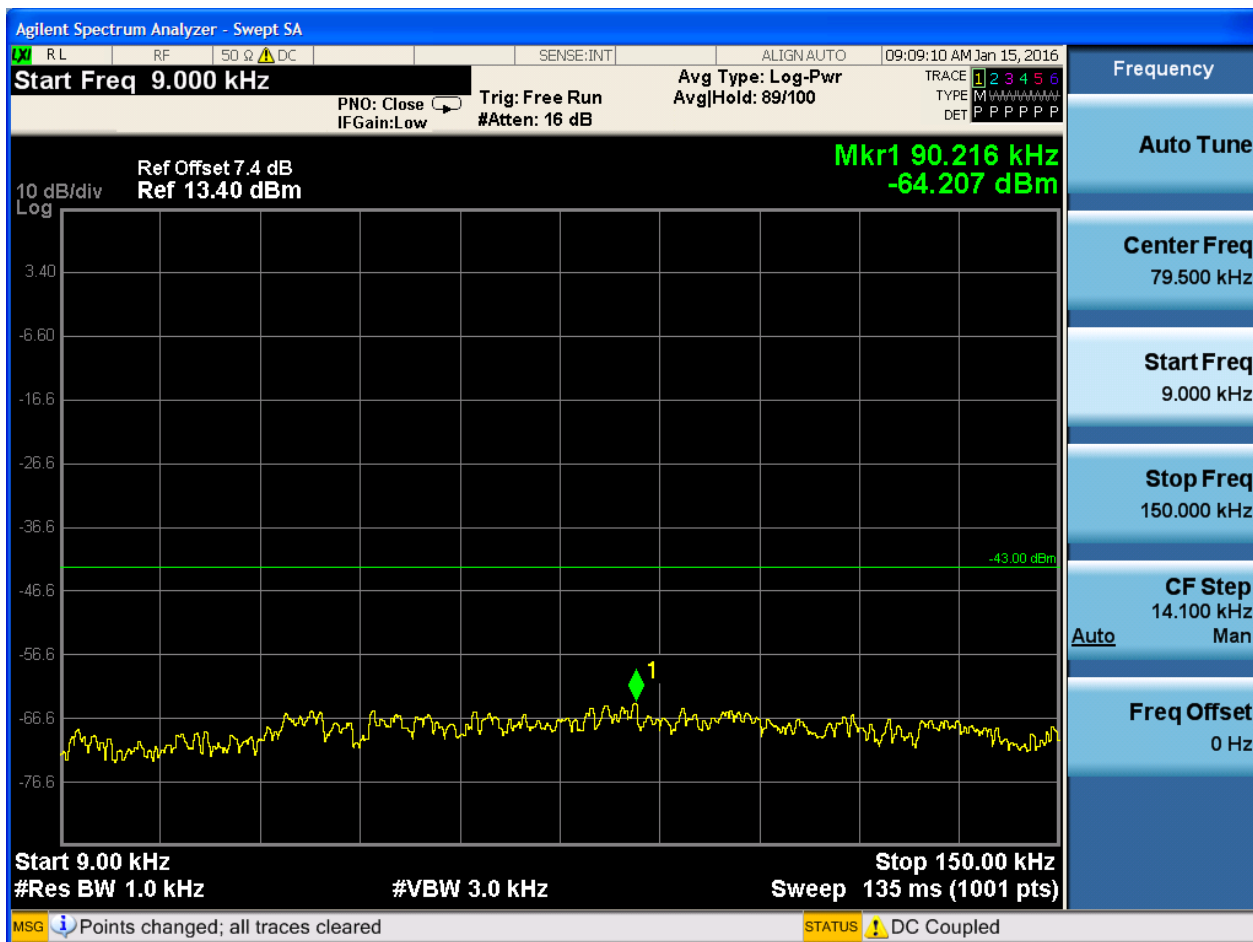




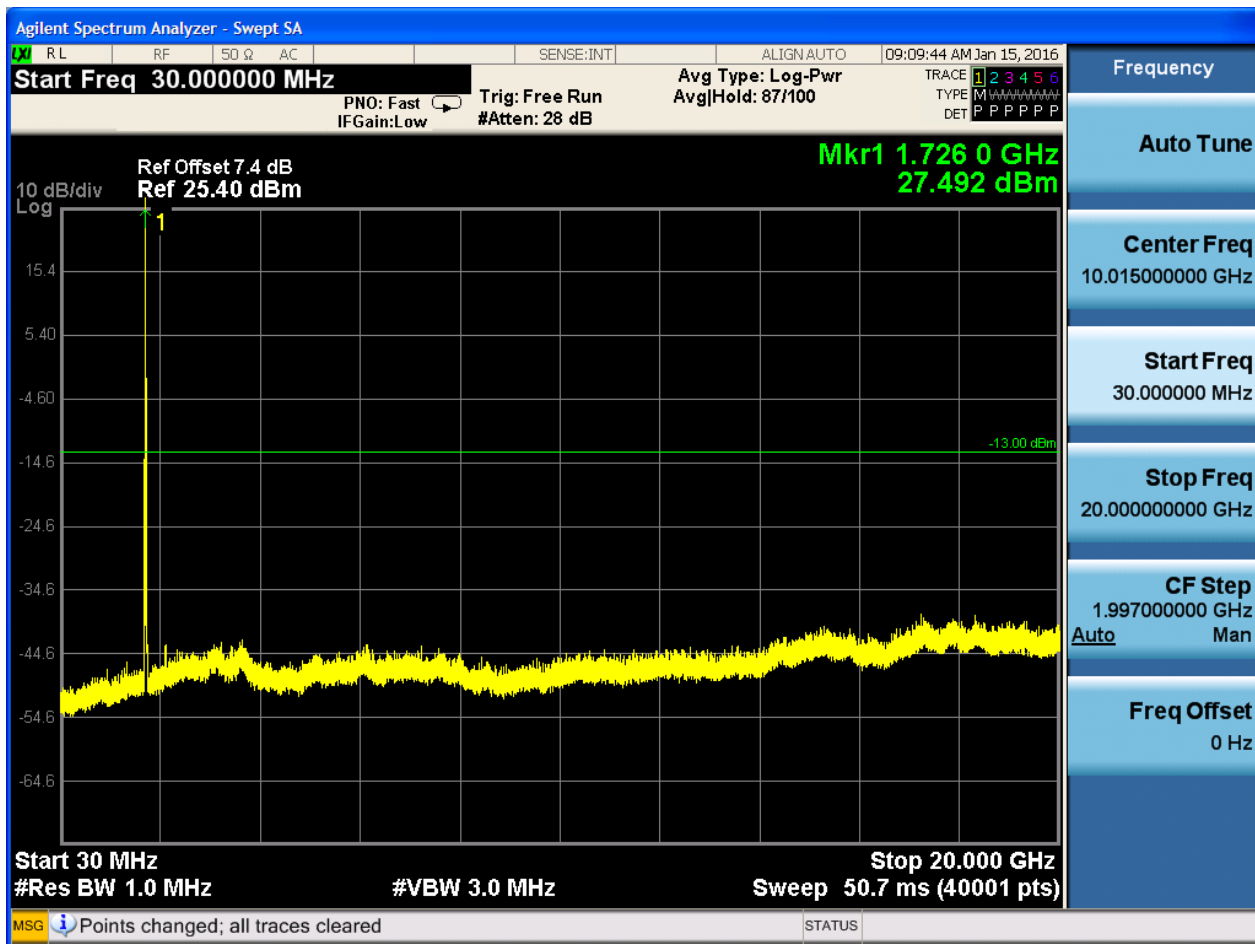


6.1.1.1.5.2 Test Channel = MCH

6.1.1.1.5.2.1 Test RB = RB1#0

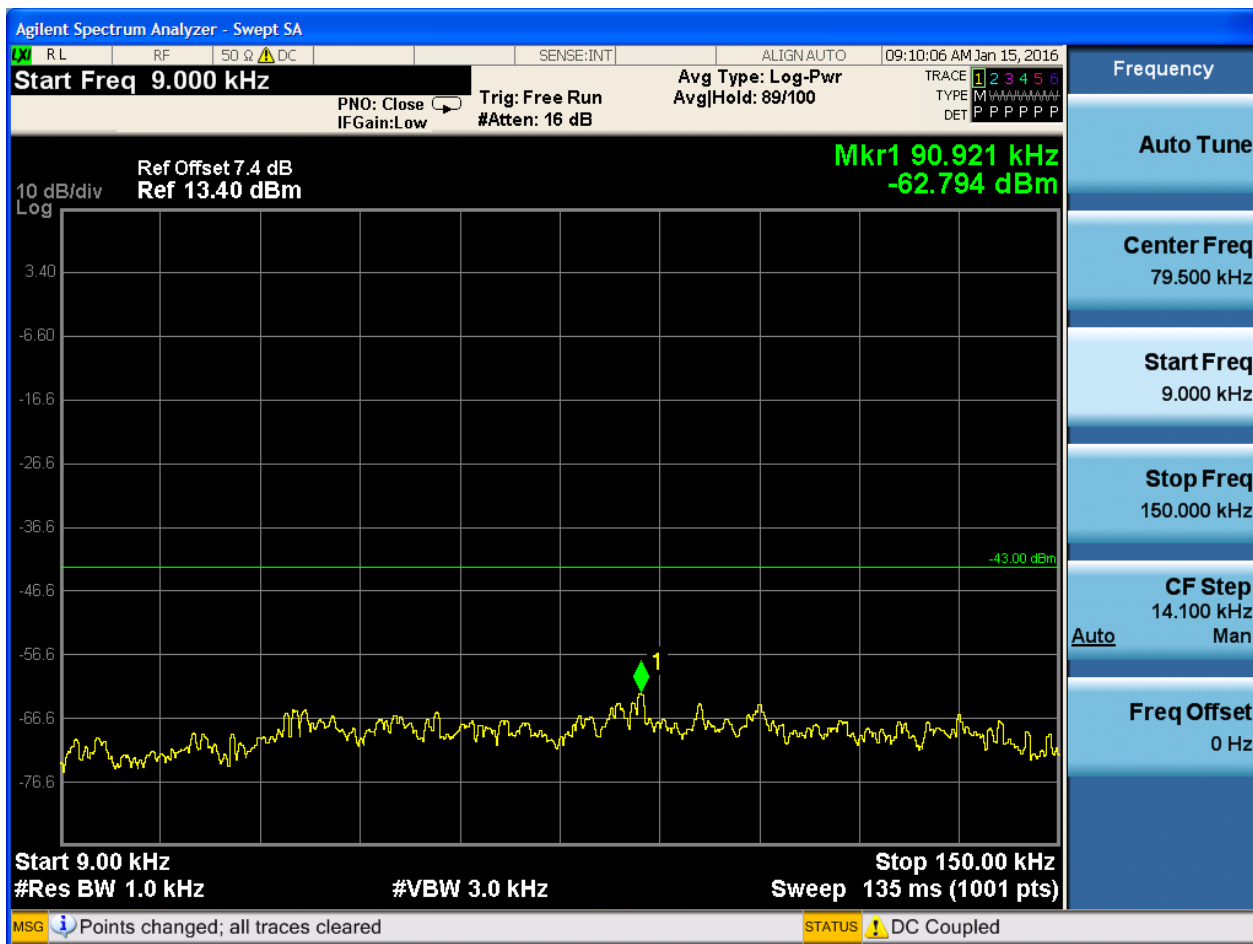




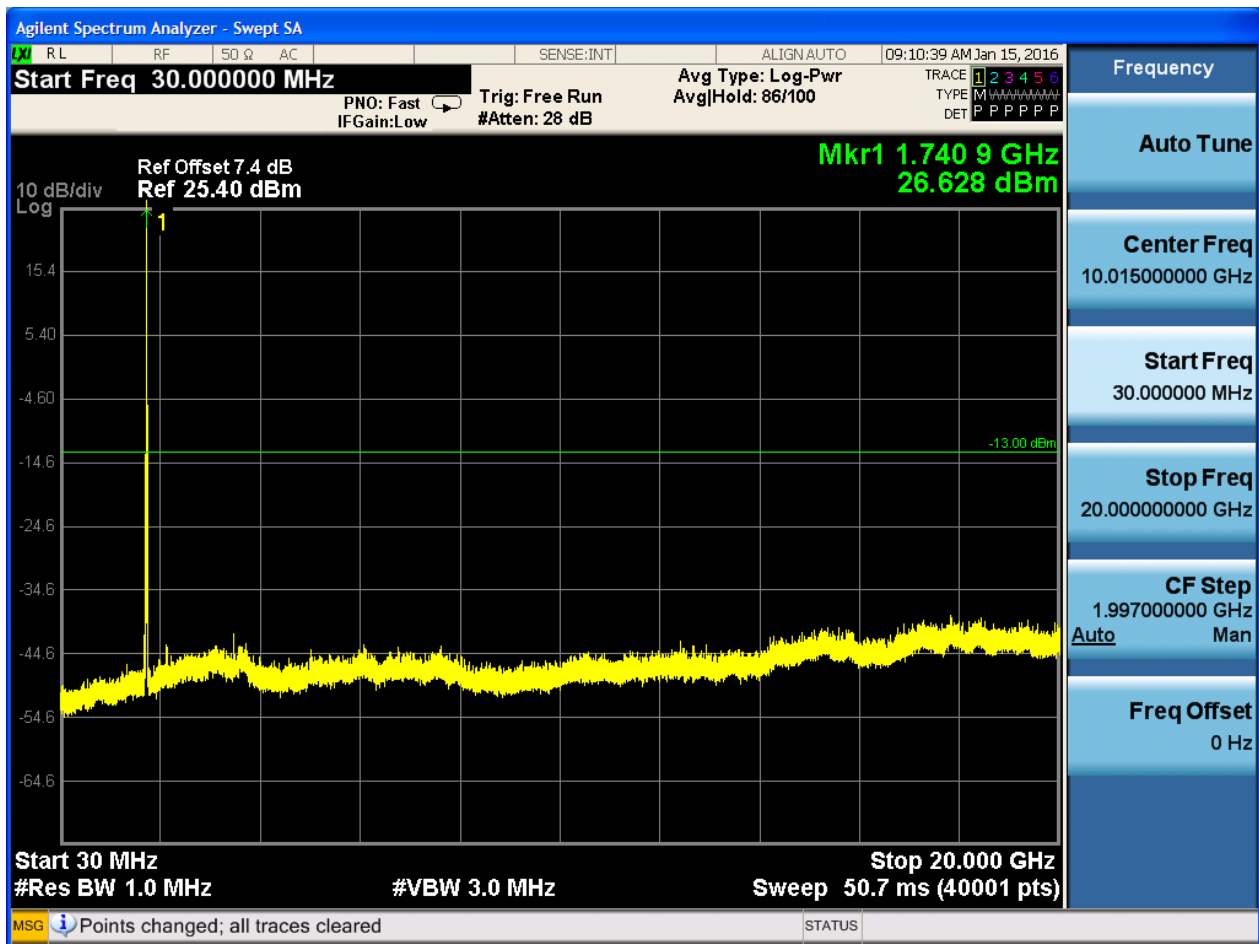


6.1.1.1.5.3 Test Channel = HCH

6.1.1.1.5.3.1 Test RB = RB1#0



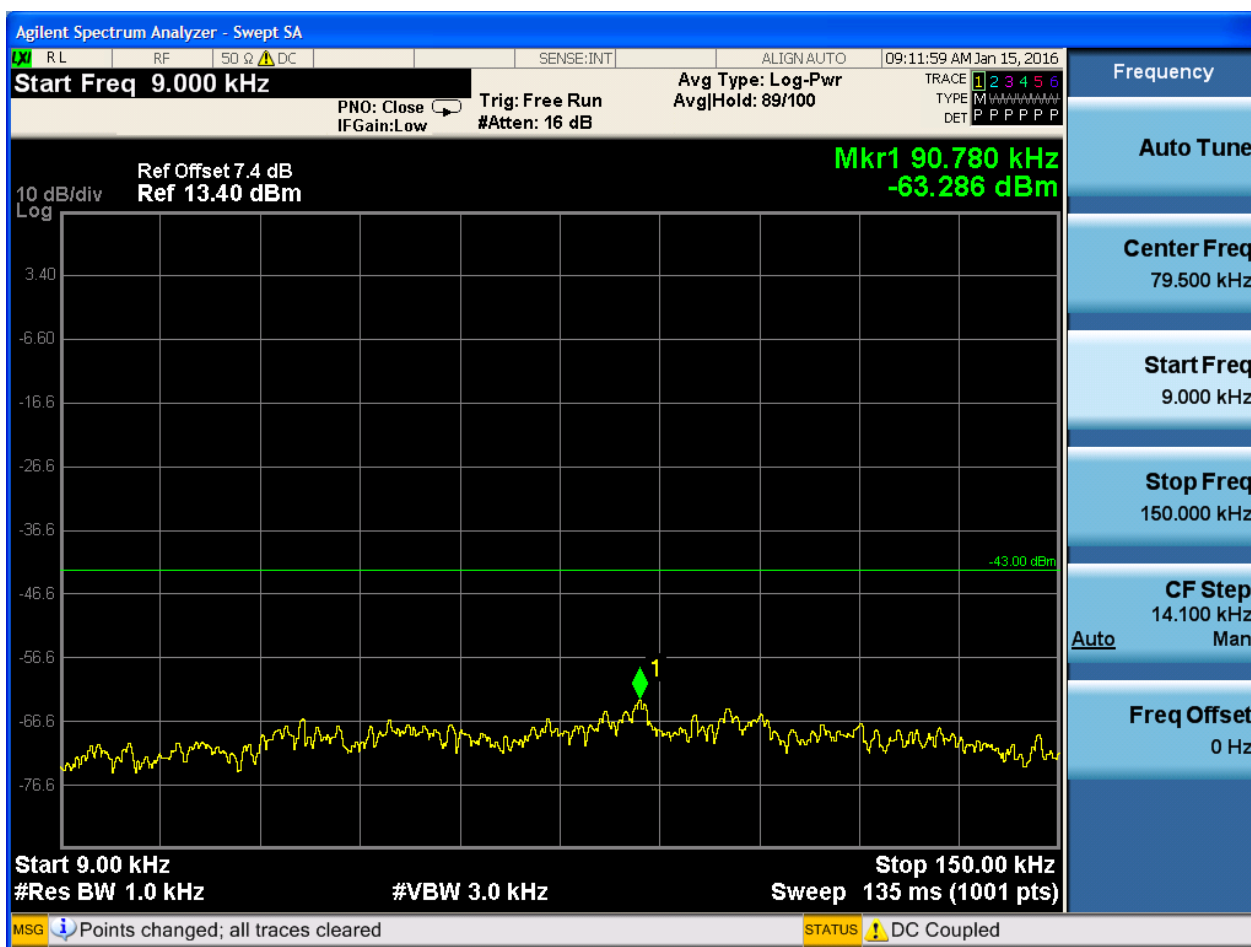


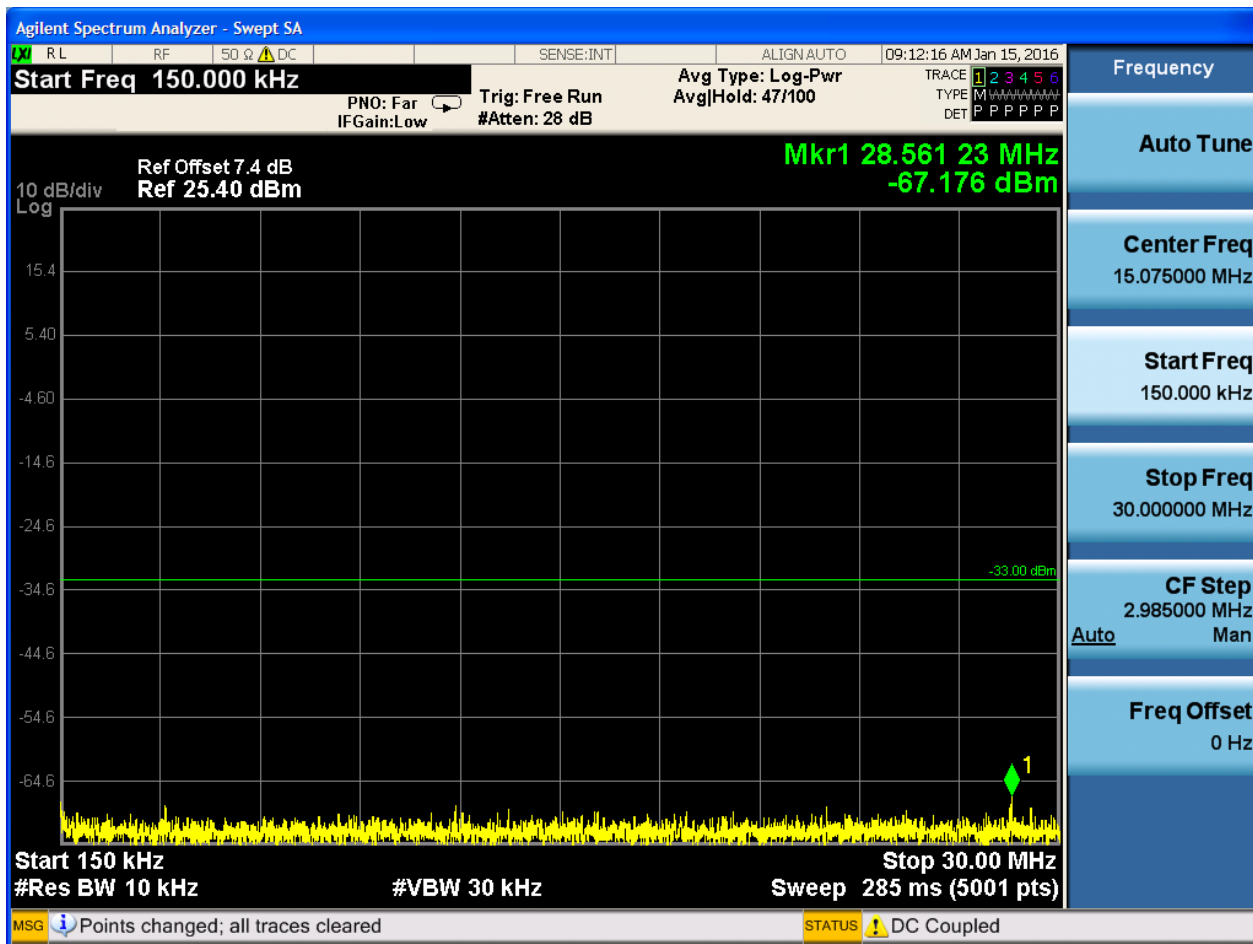


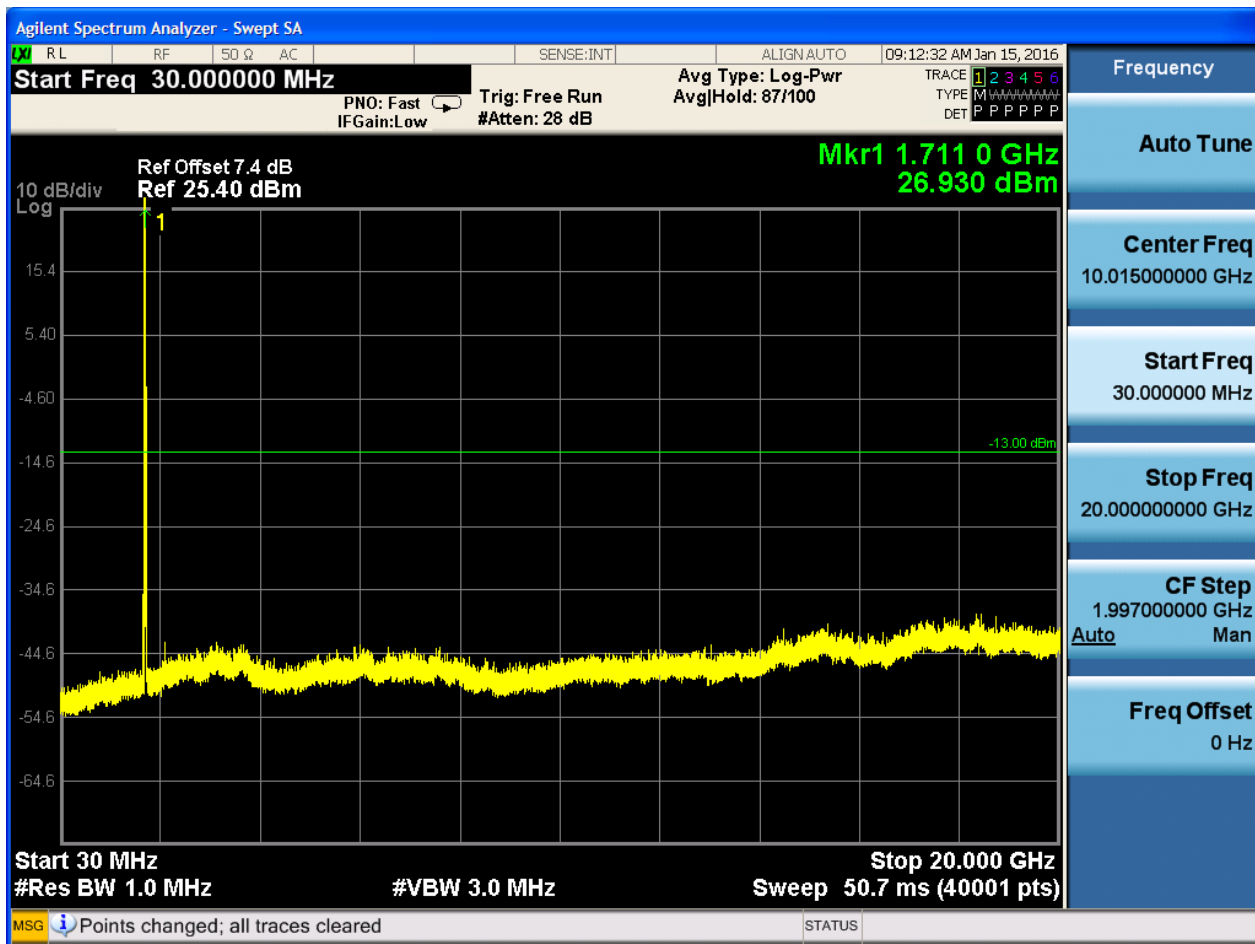
6.1.1.1.6 Test Bandwidth = 20

6.1.1.1.6.1 Test Channel = LCH

6.1.1.1.6.1.1 Test RB = RB1#0



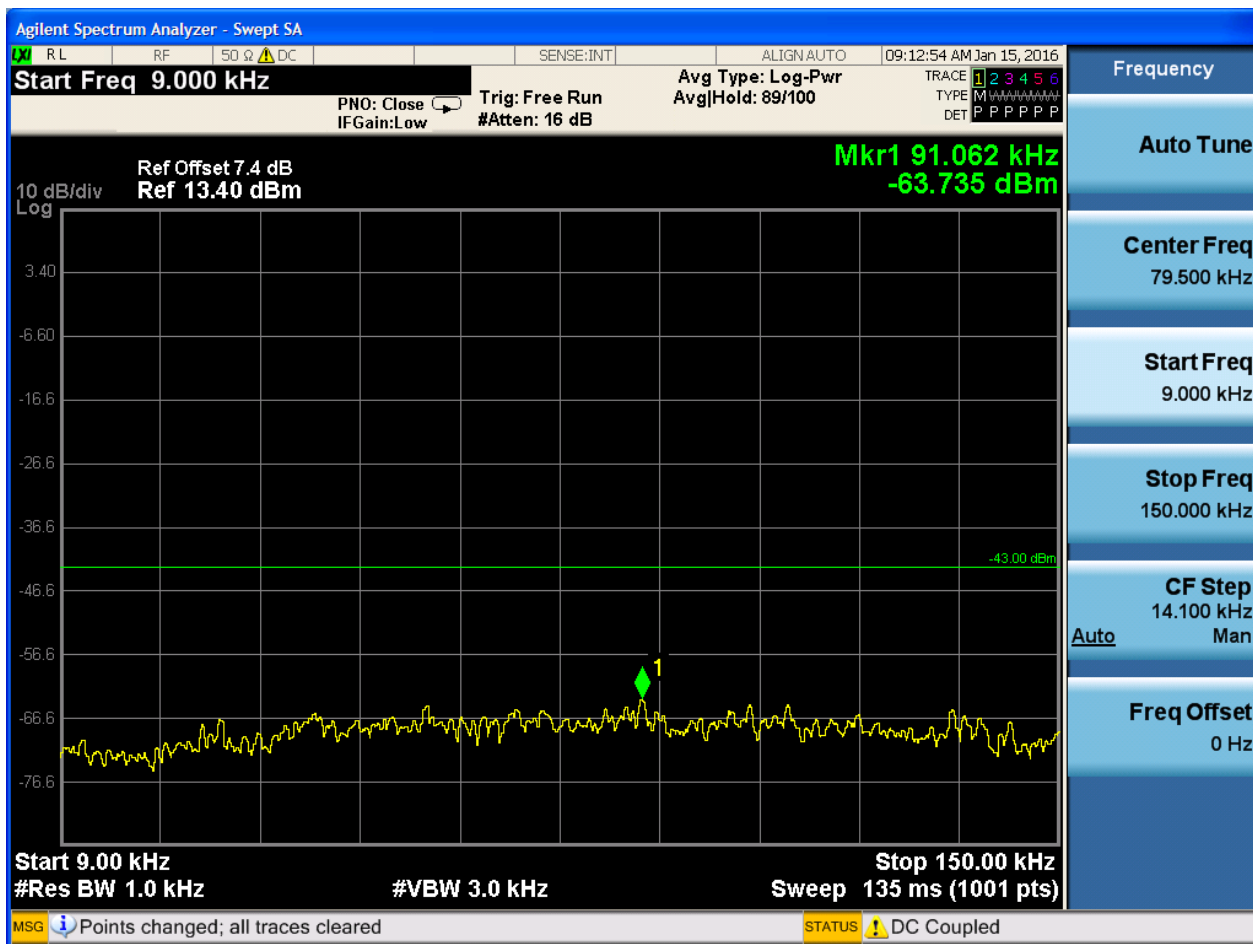


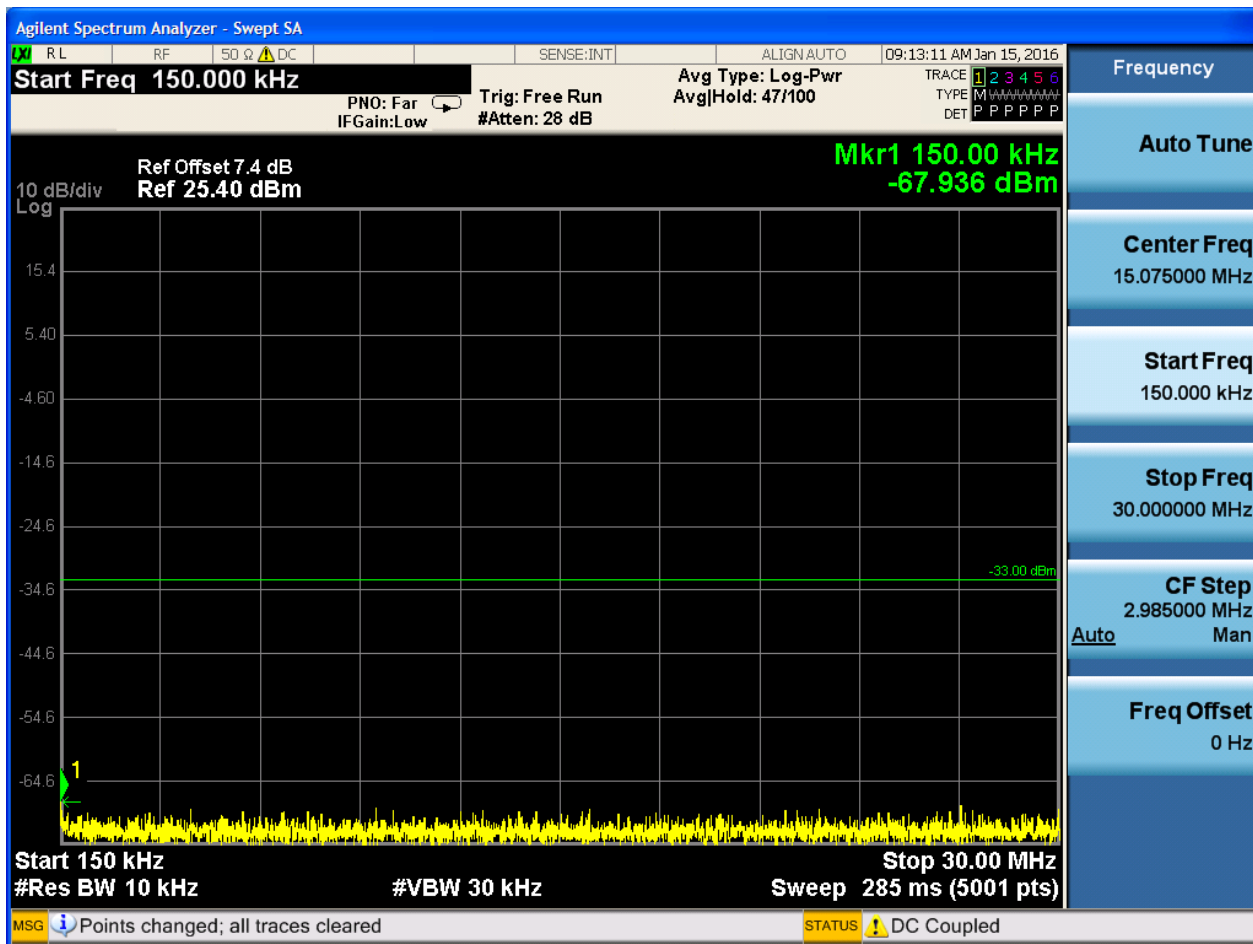


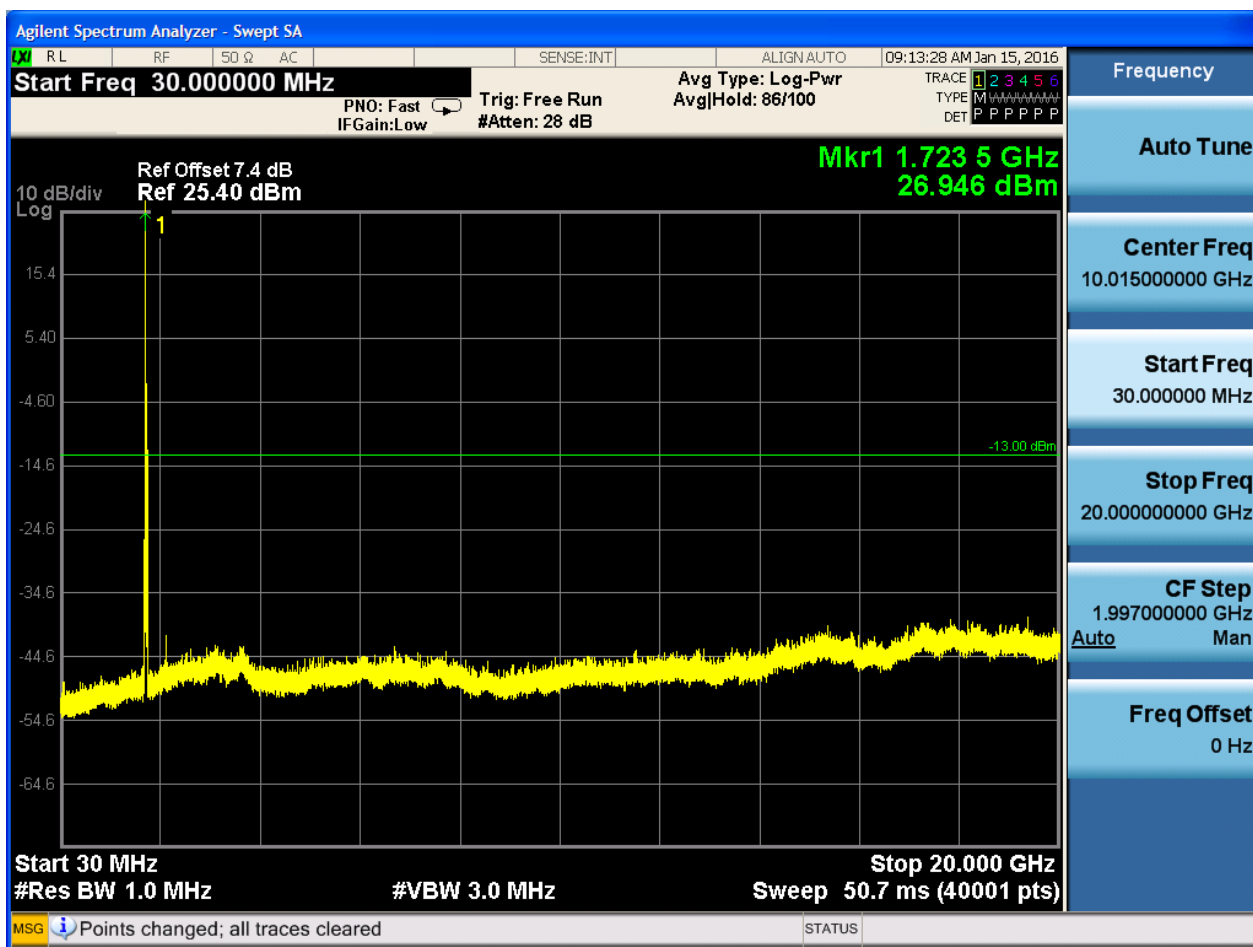


6.1.1.1.6.2 Test Channel = MCH

6.1.1.1.6.2.1 Test RB = RB1#0



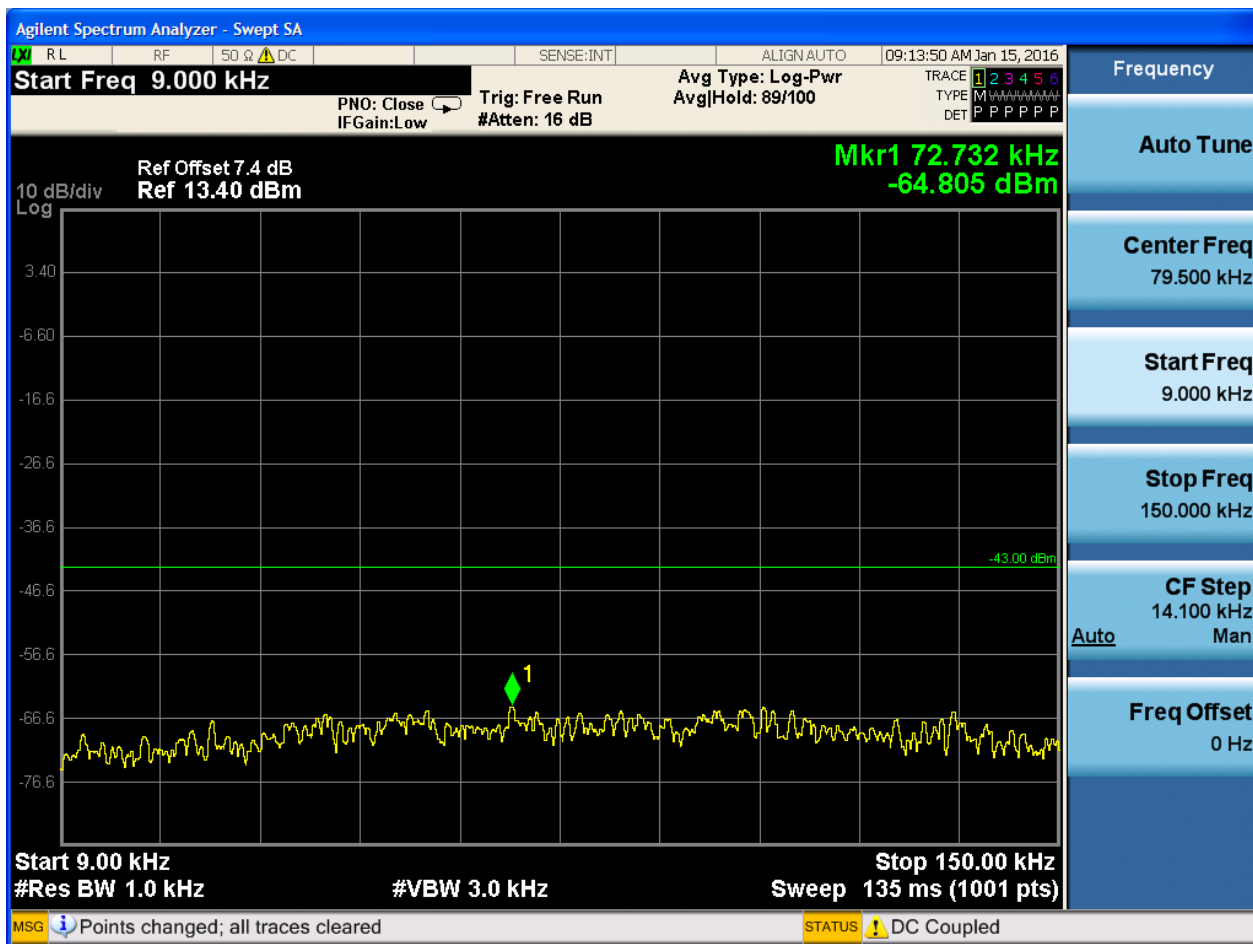


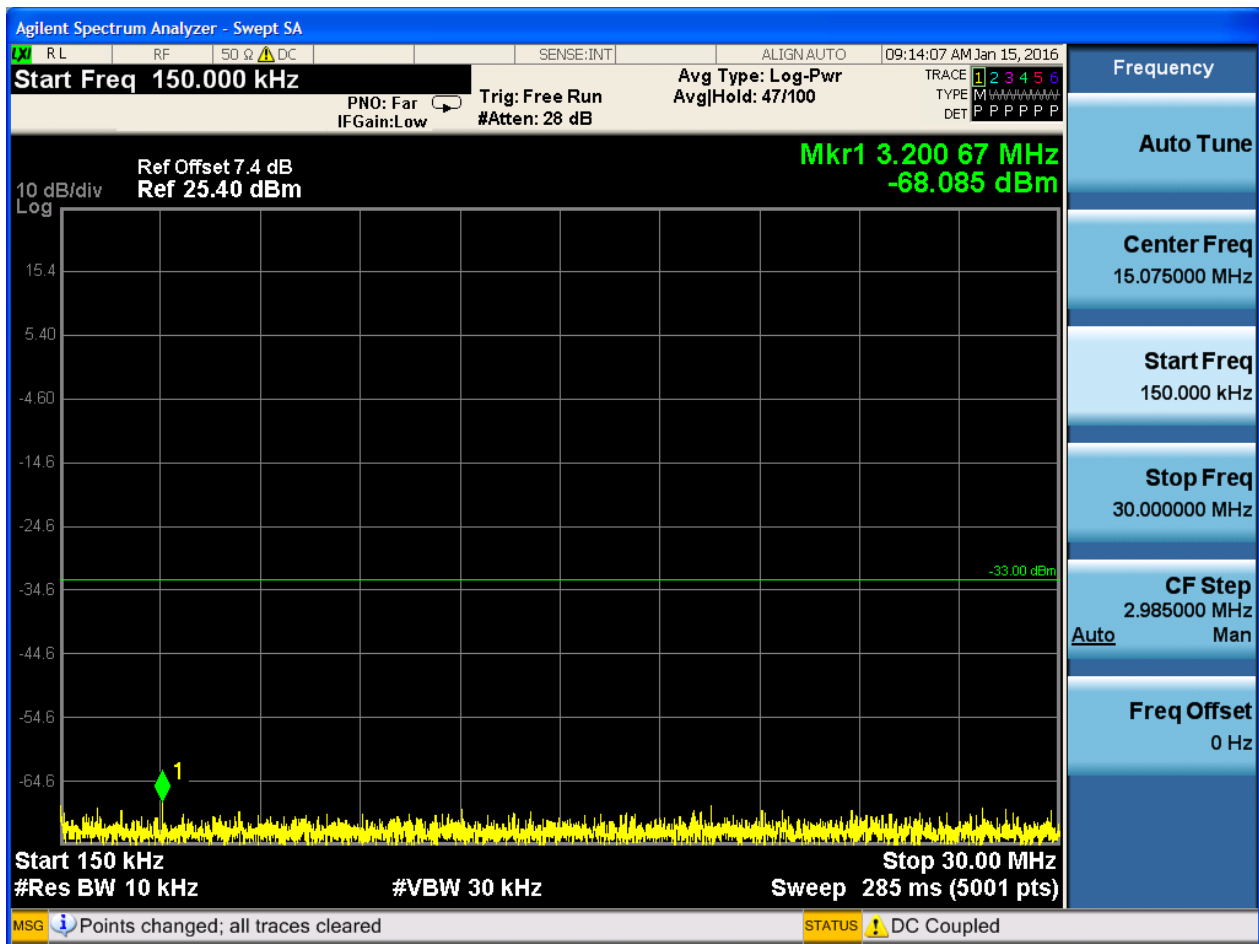


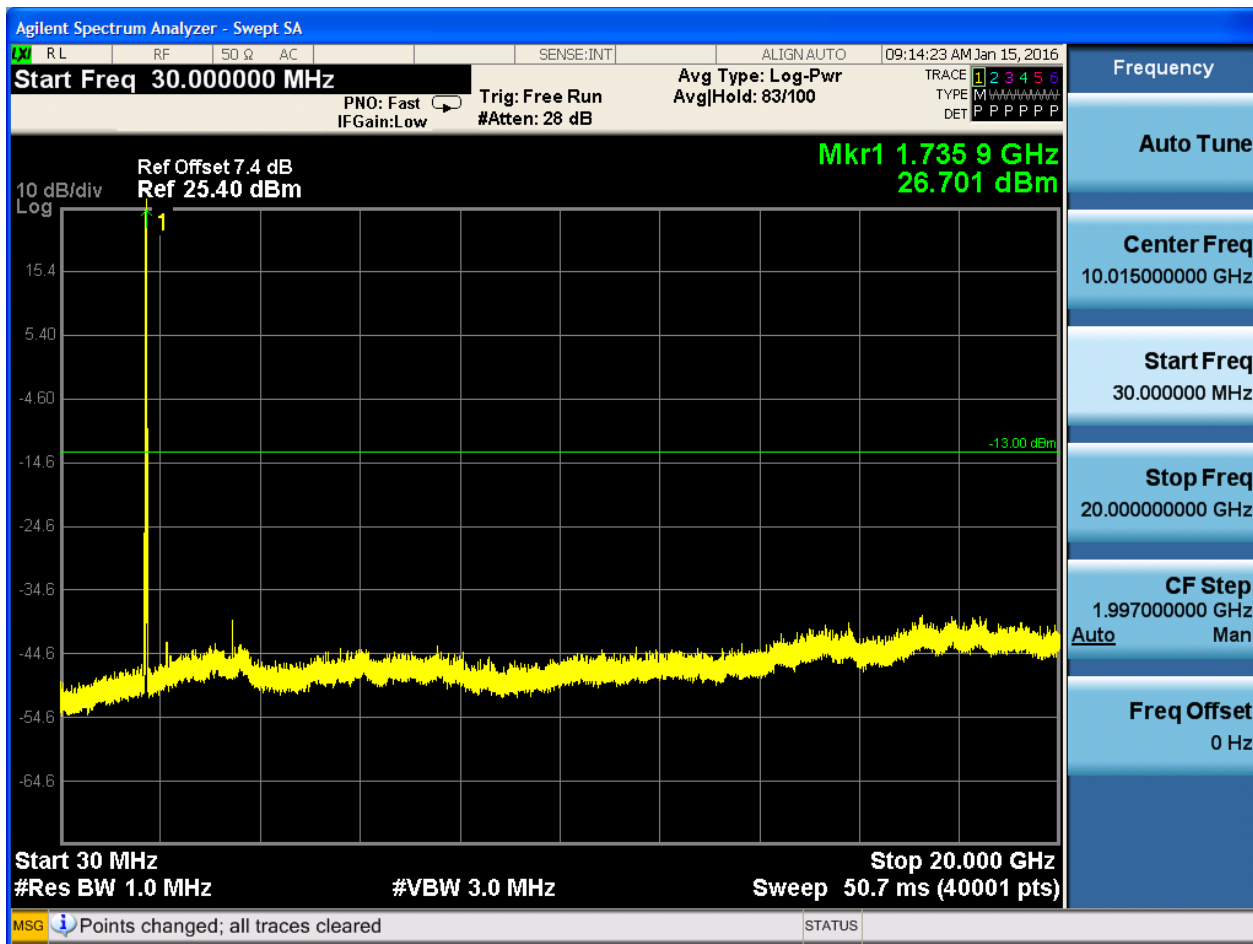


6.1.1.1.6.3 Test Channel = HCH

6.1.1.1.6.3.1 Test RB = RB1#0





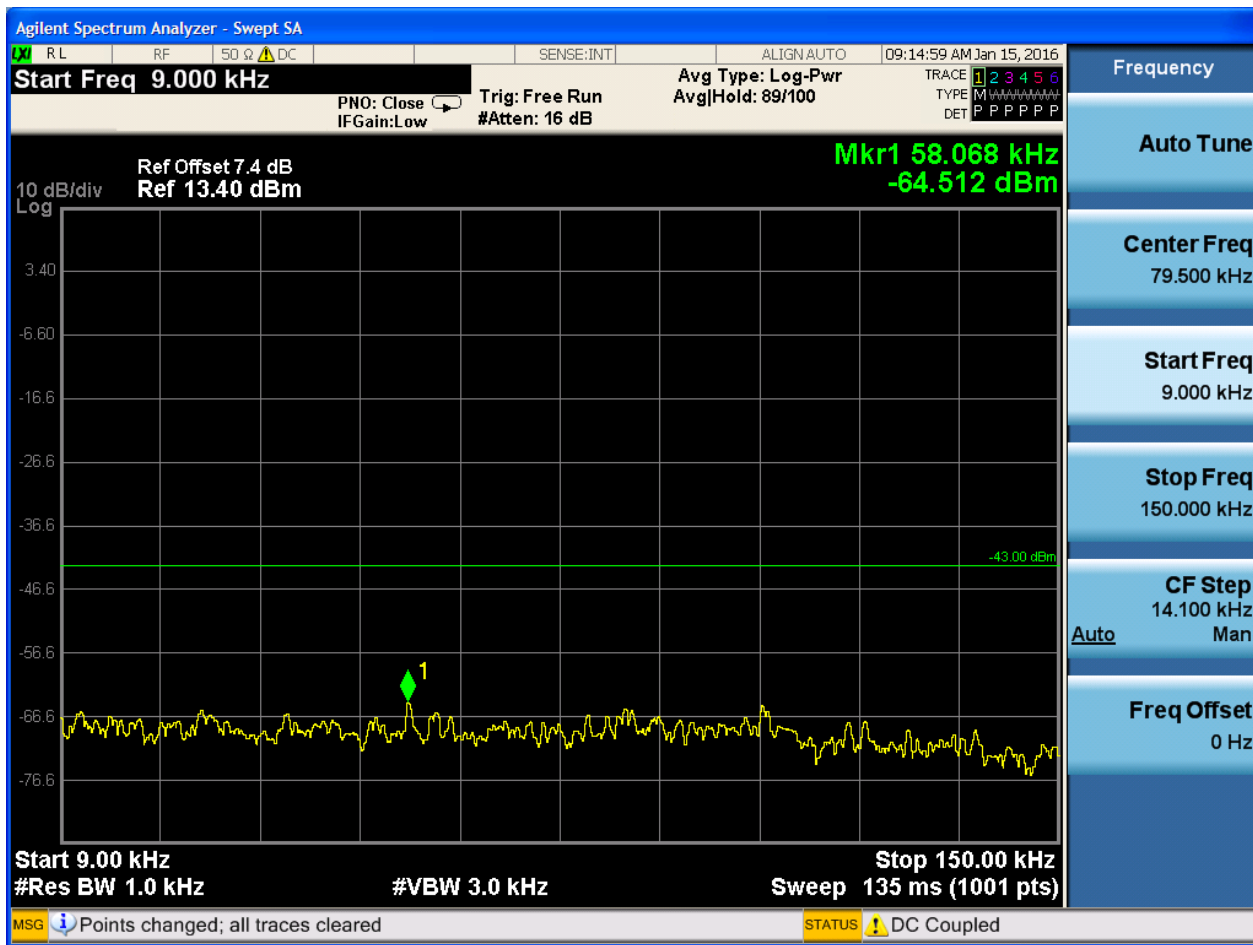


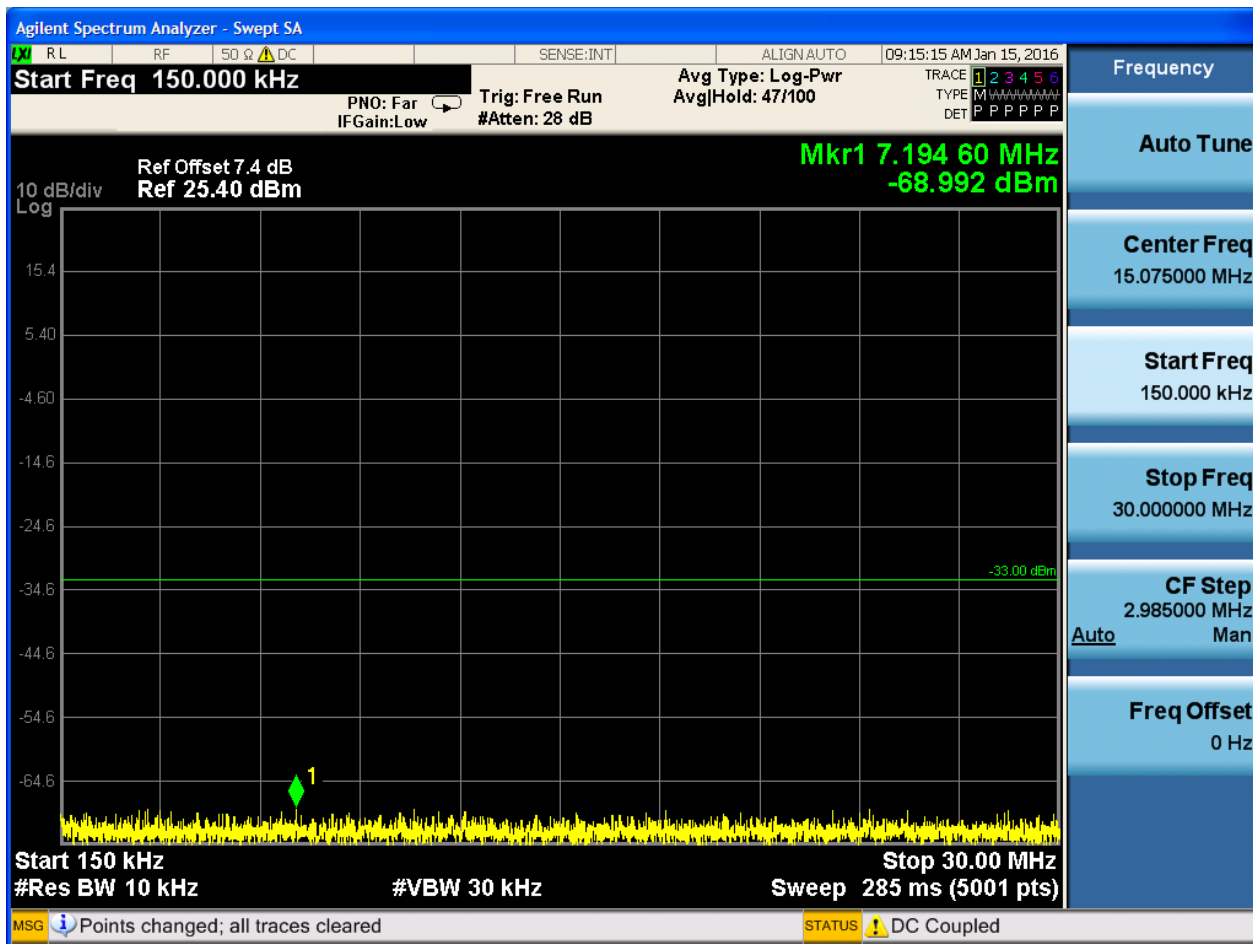
6.1.1.2 Test Mode = LTE/TM2

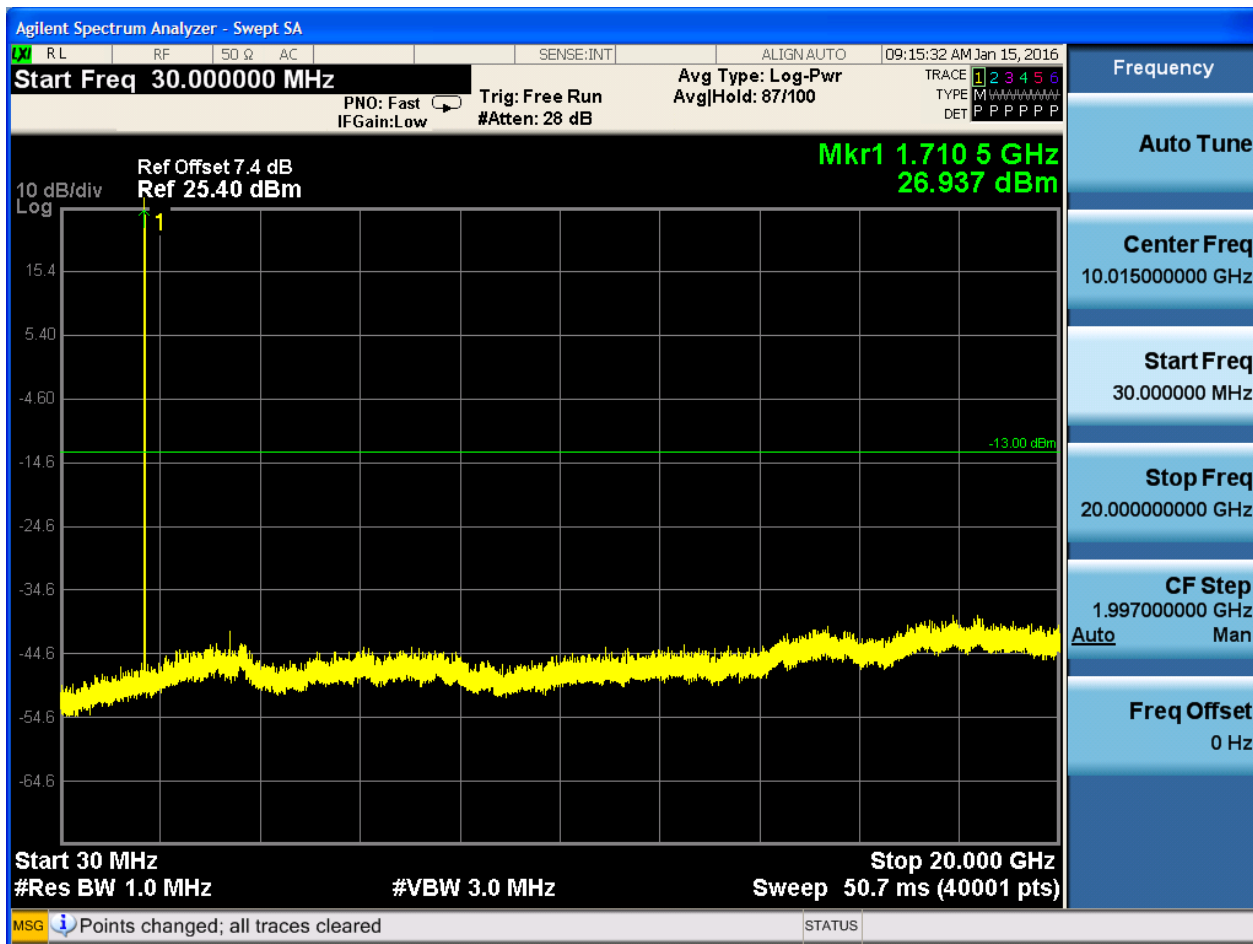
6.1.1.2.1 Test Bandwidth = 1.4

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



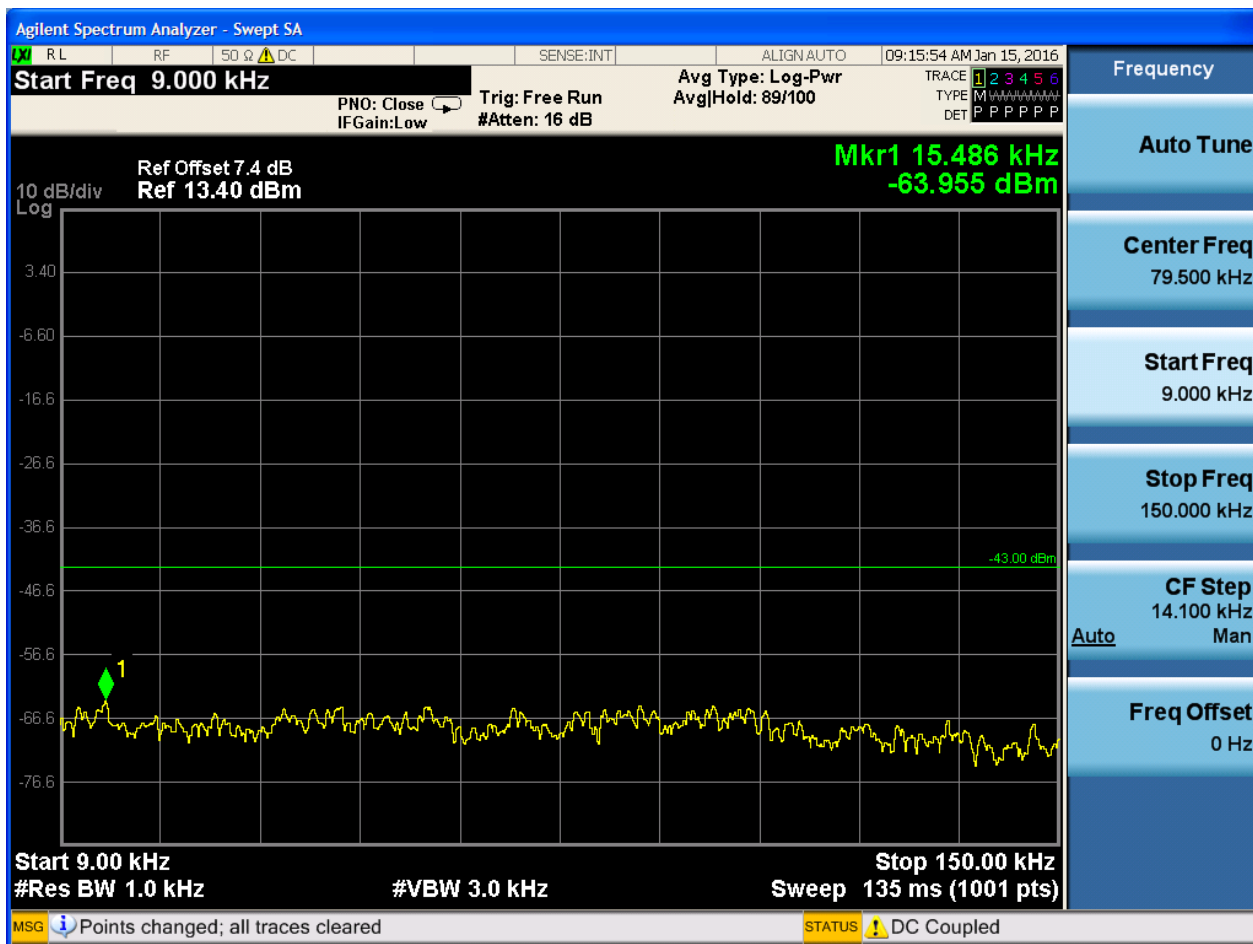


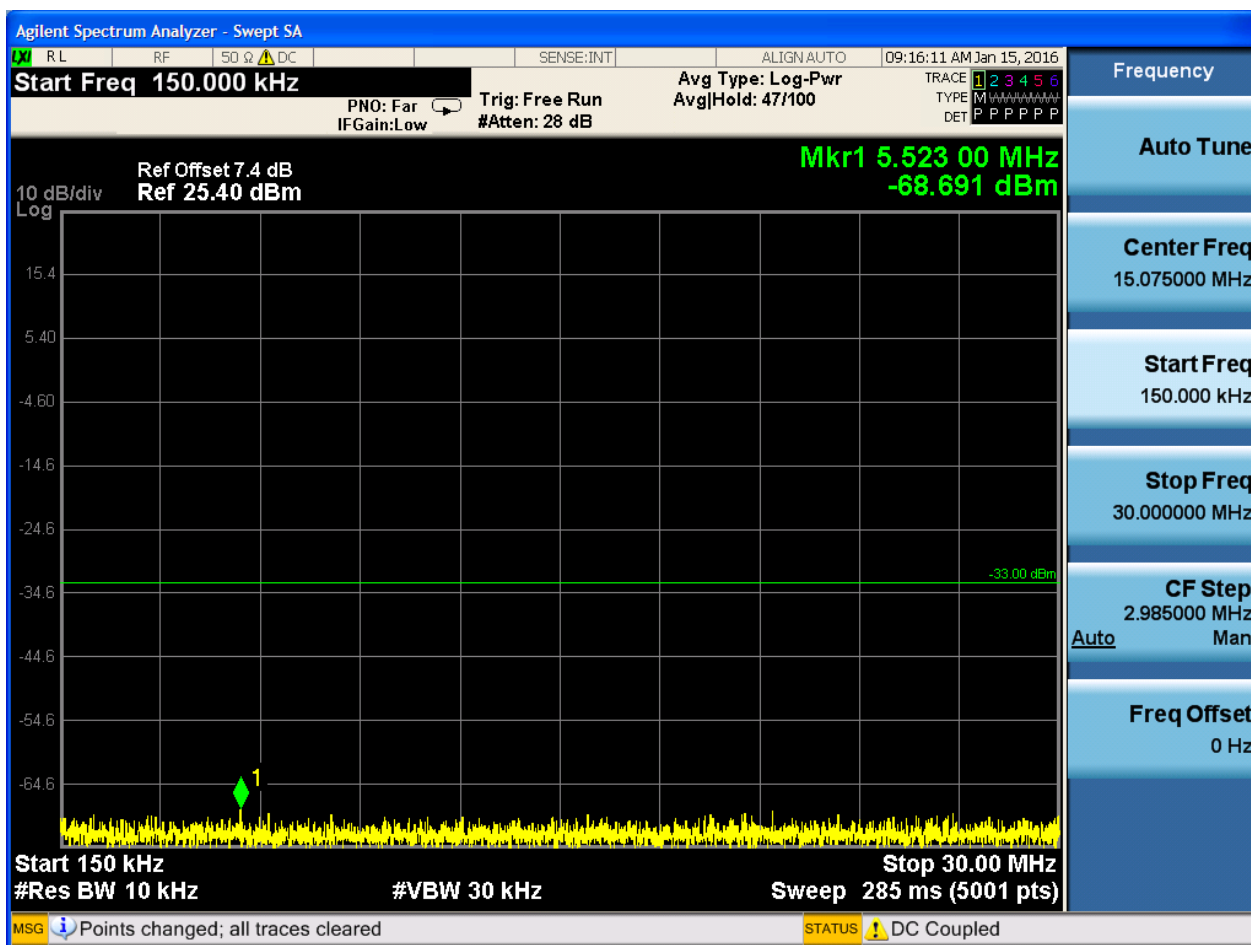


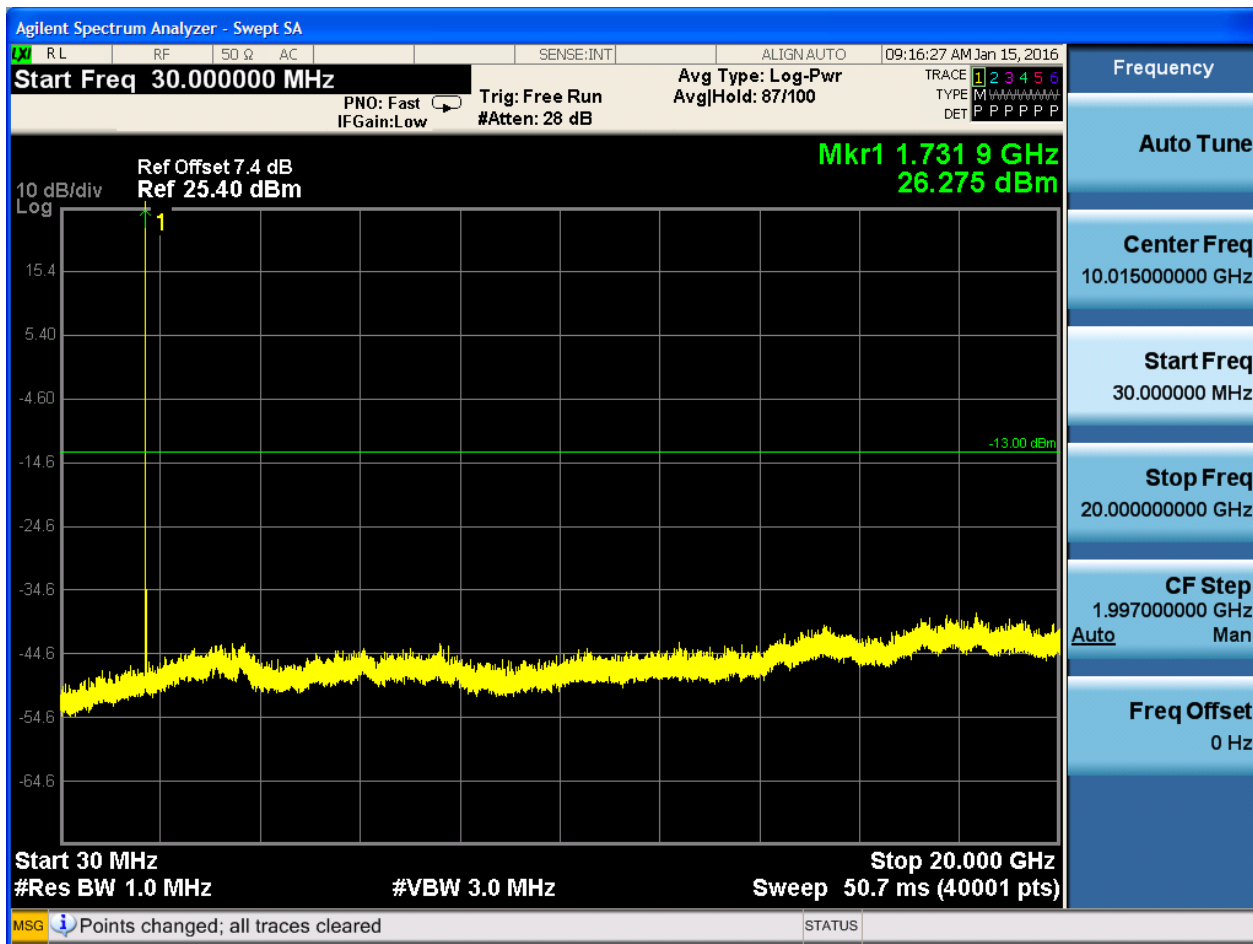


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



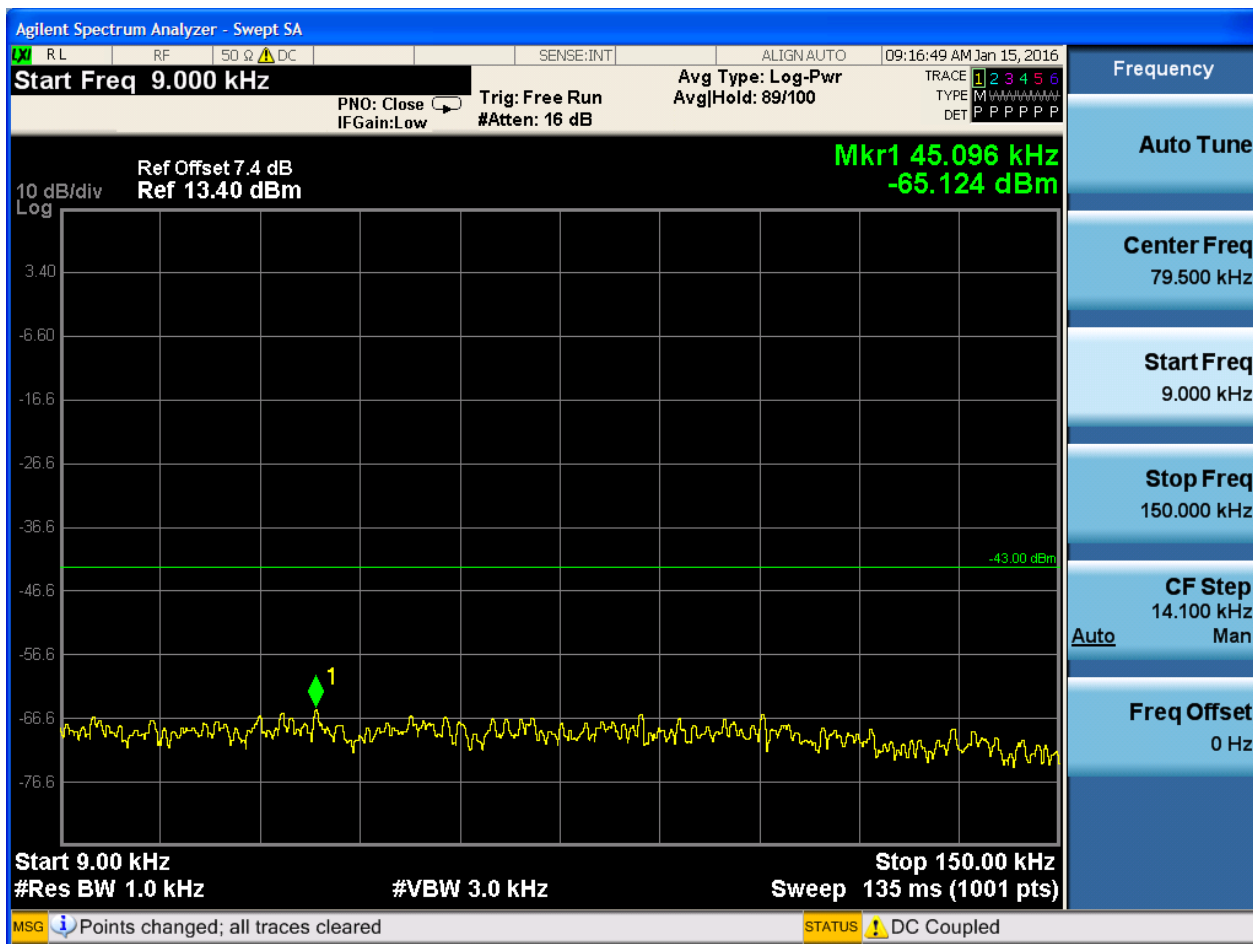




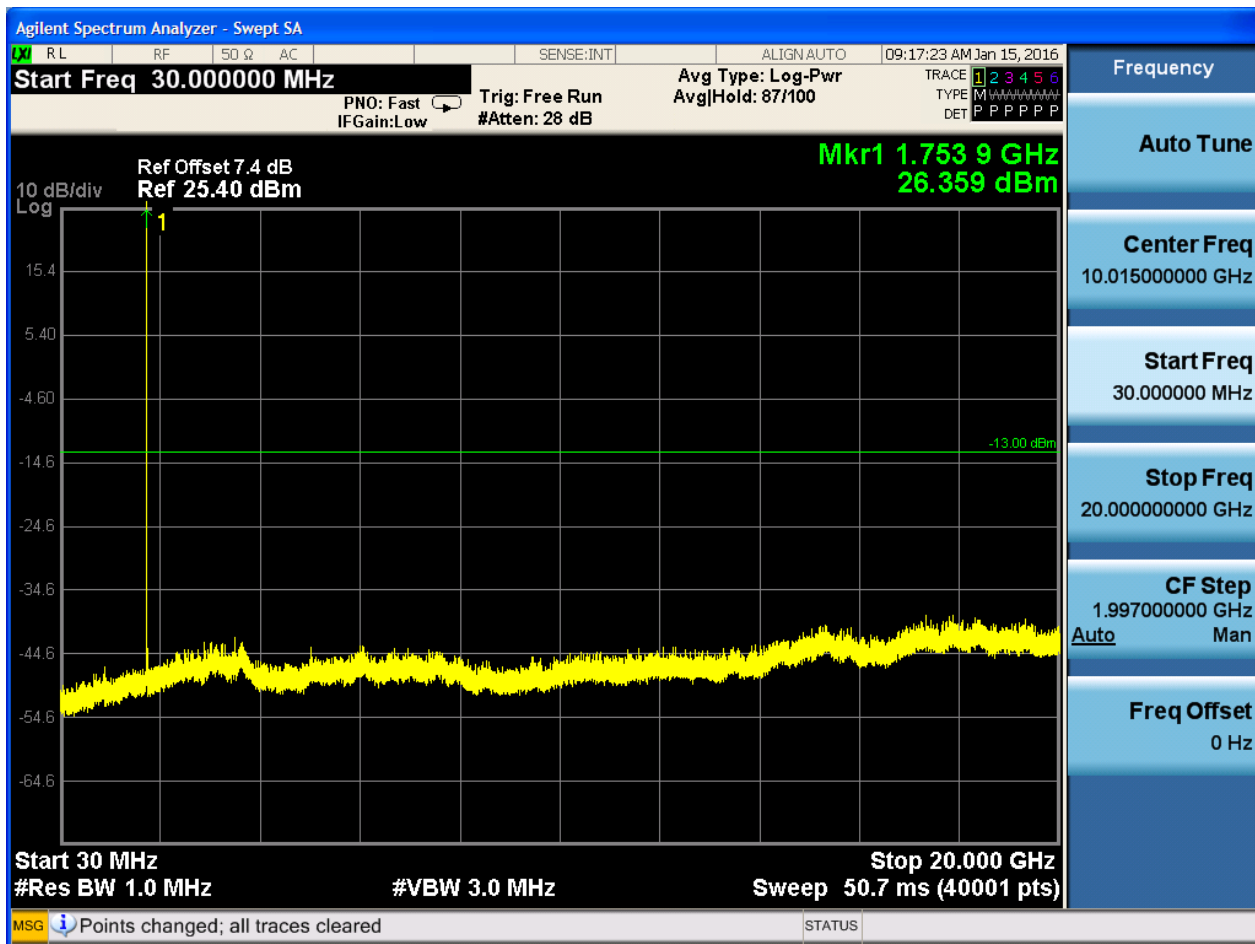


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





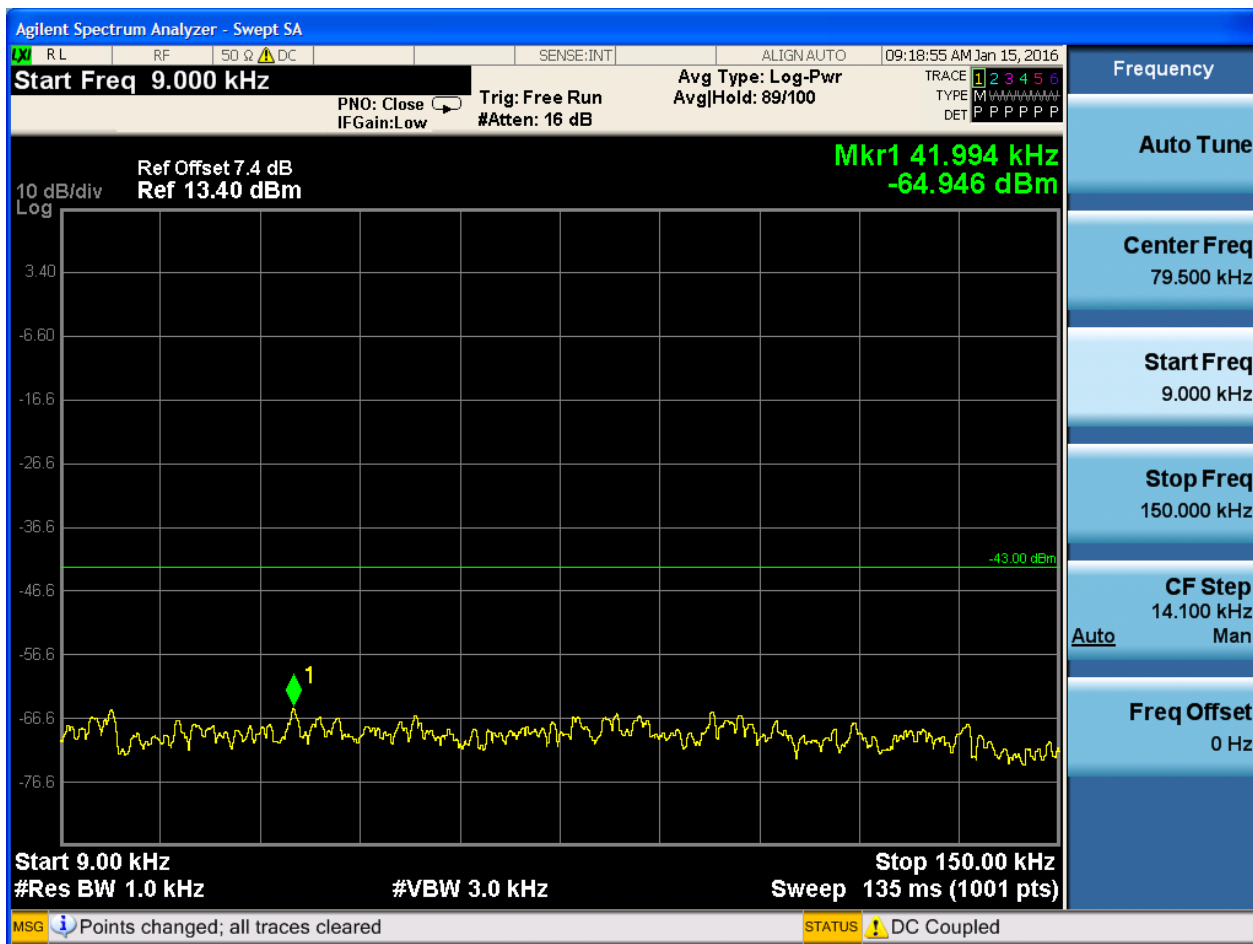




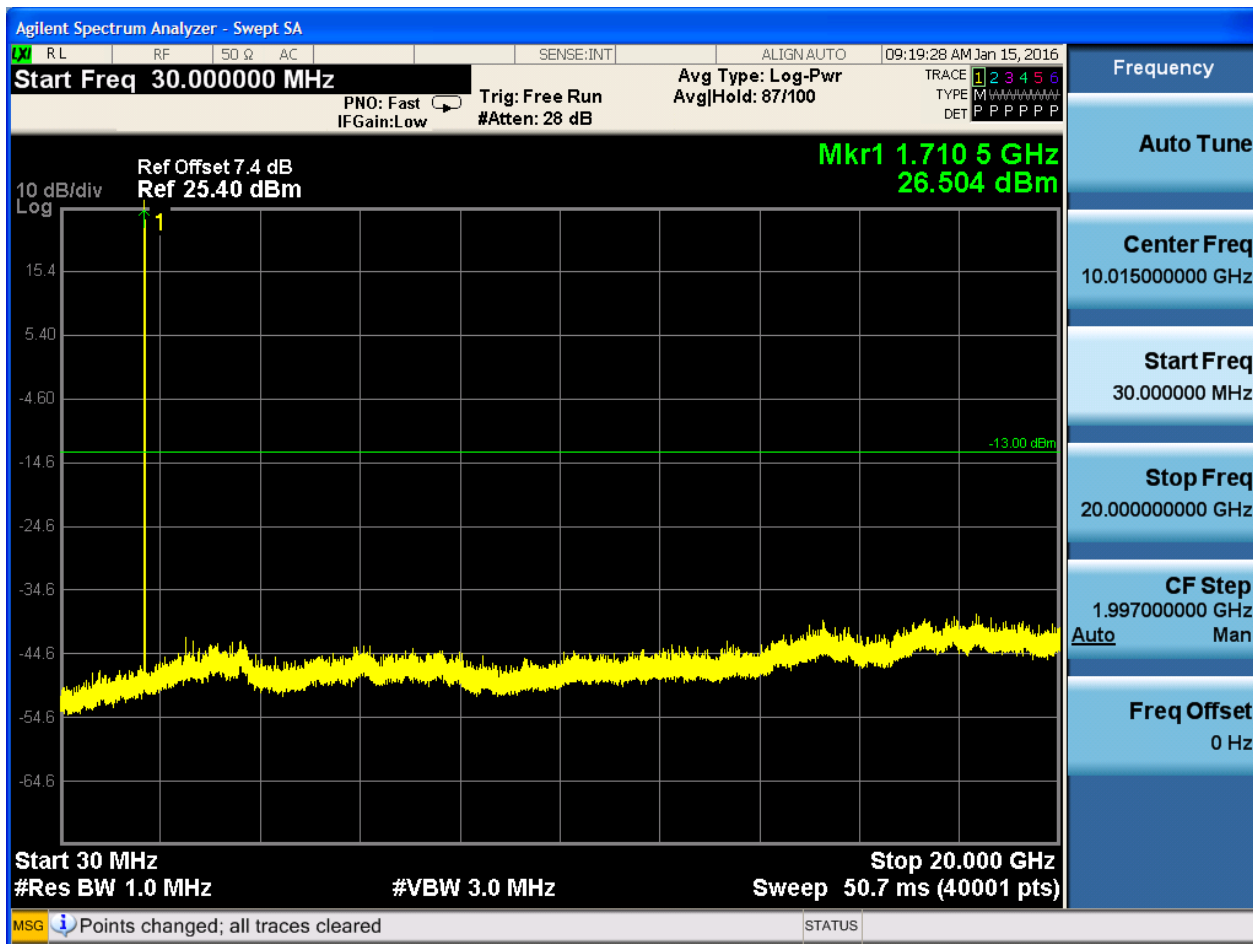
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



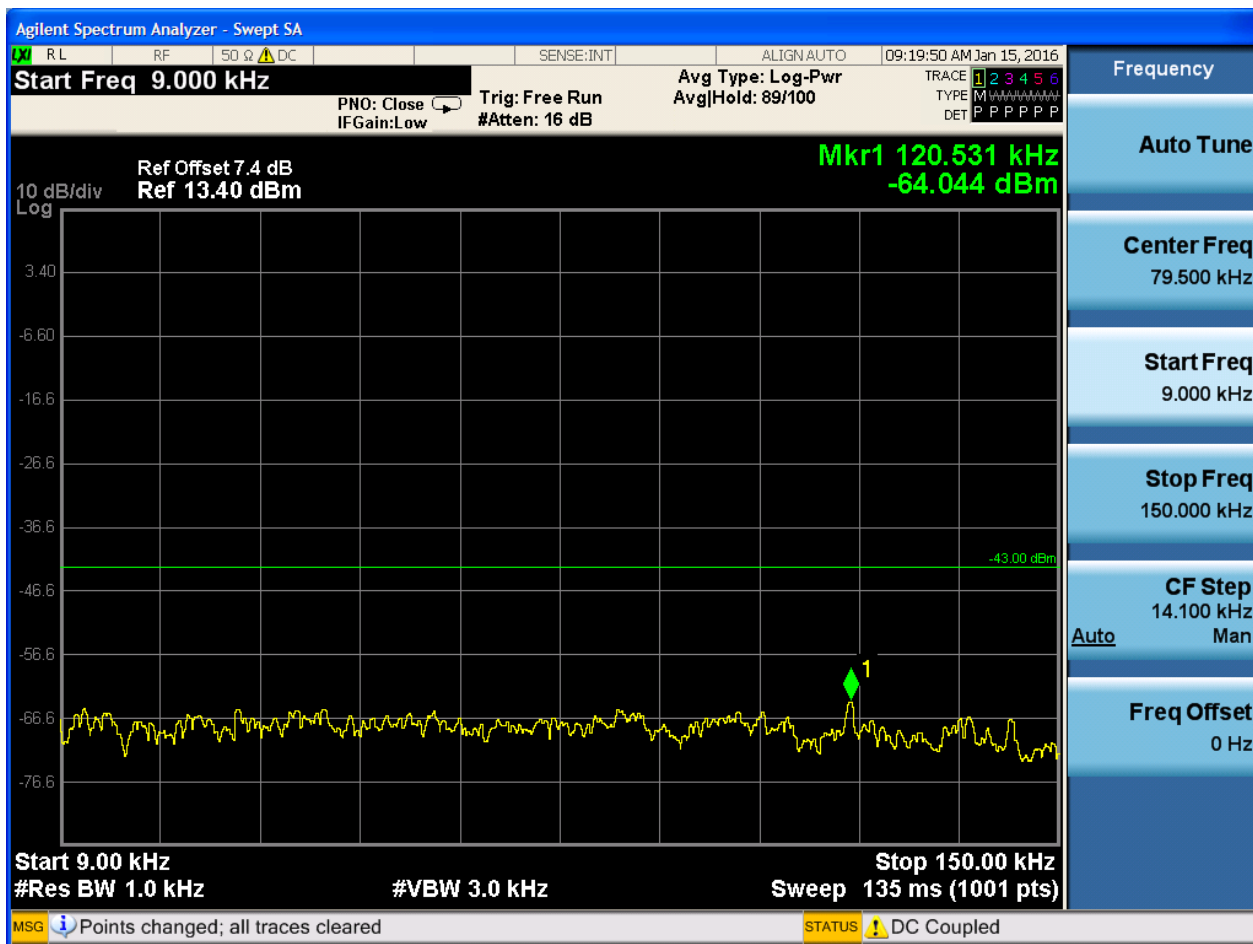


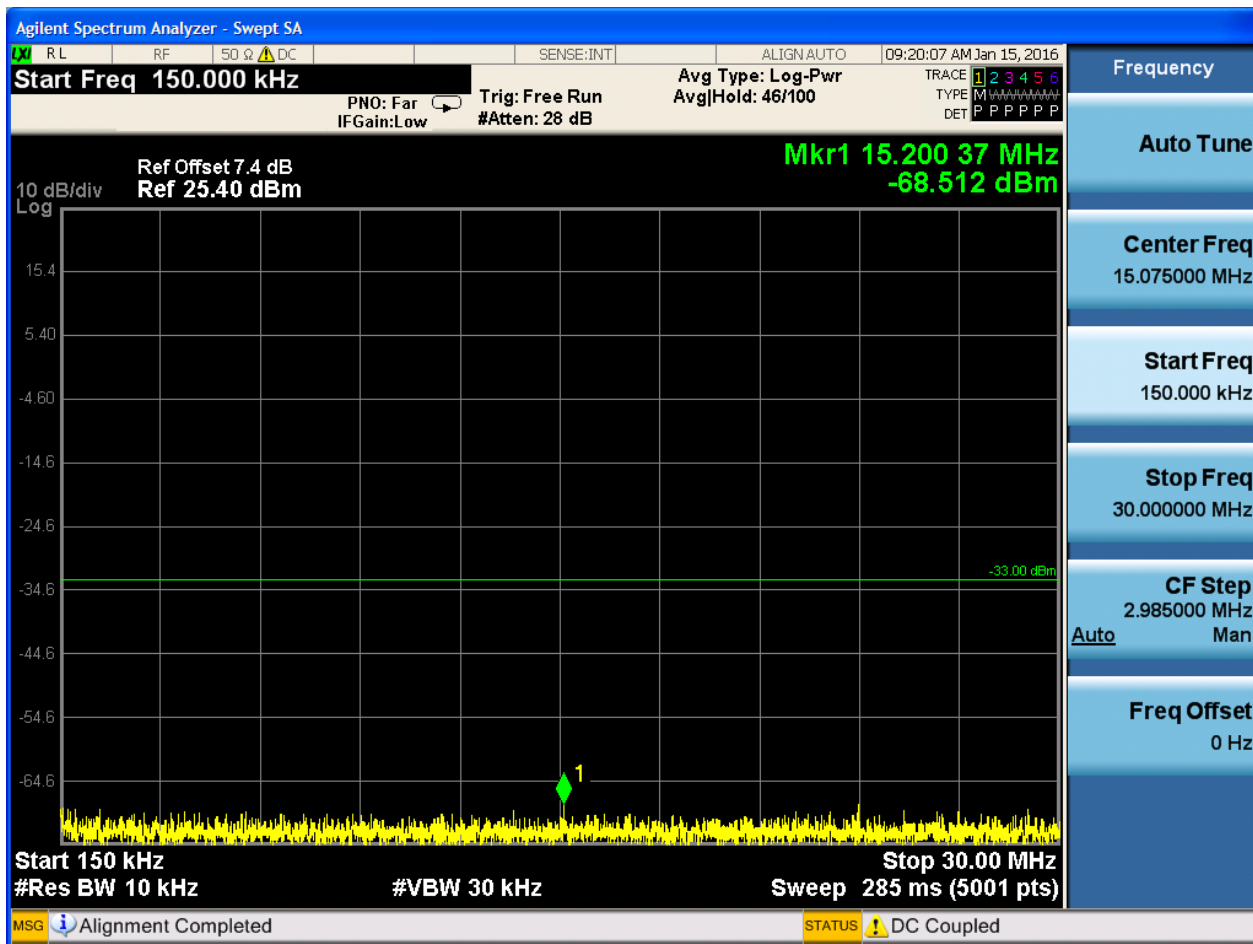


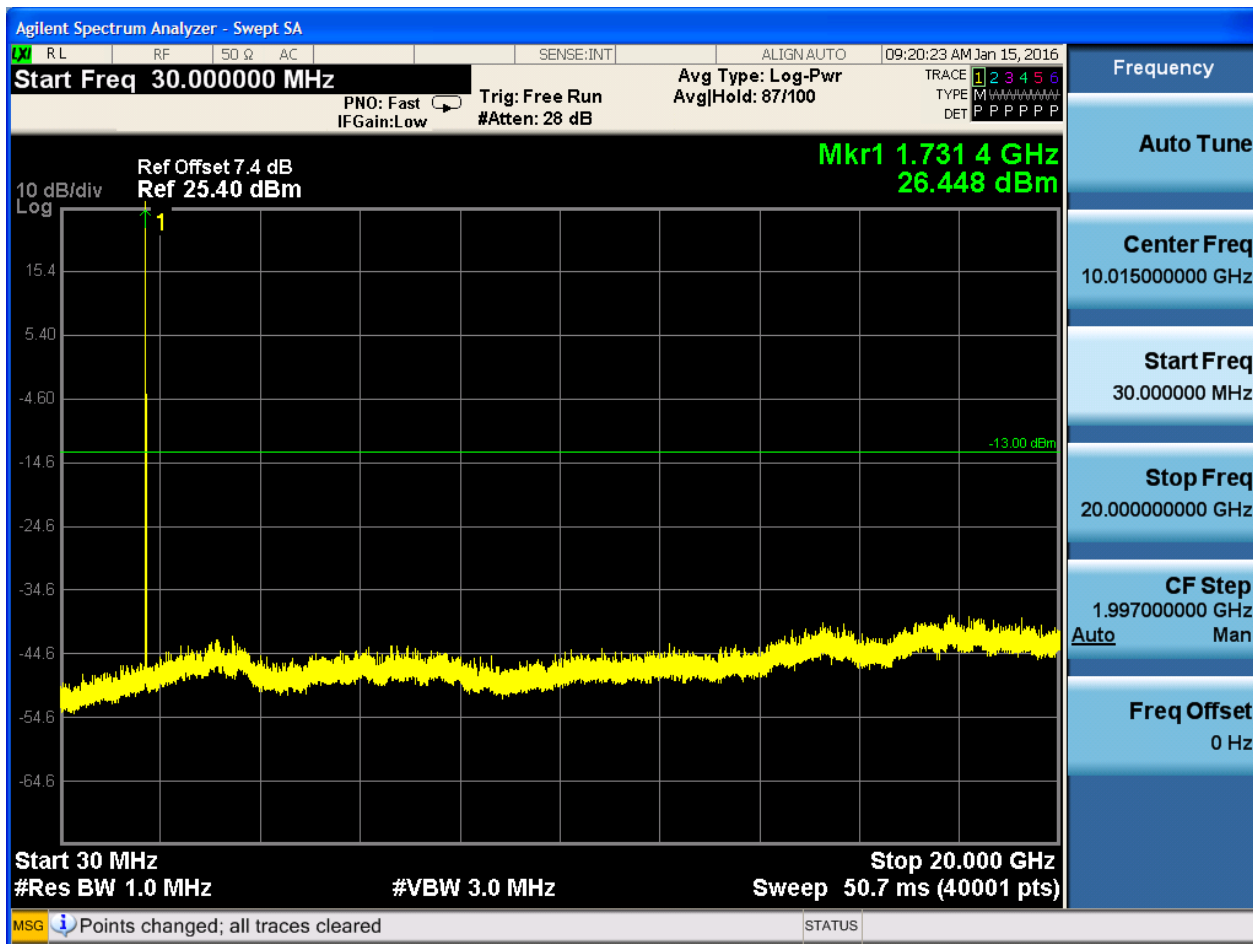


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

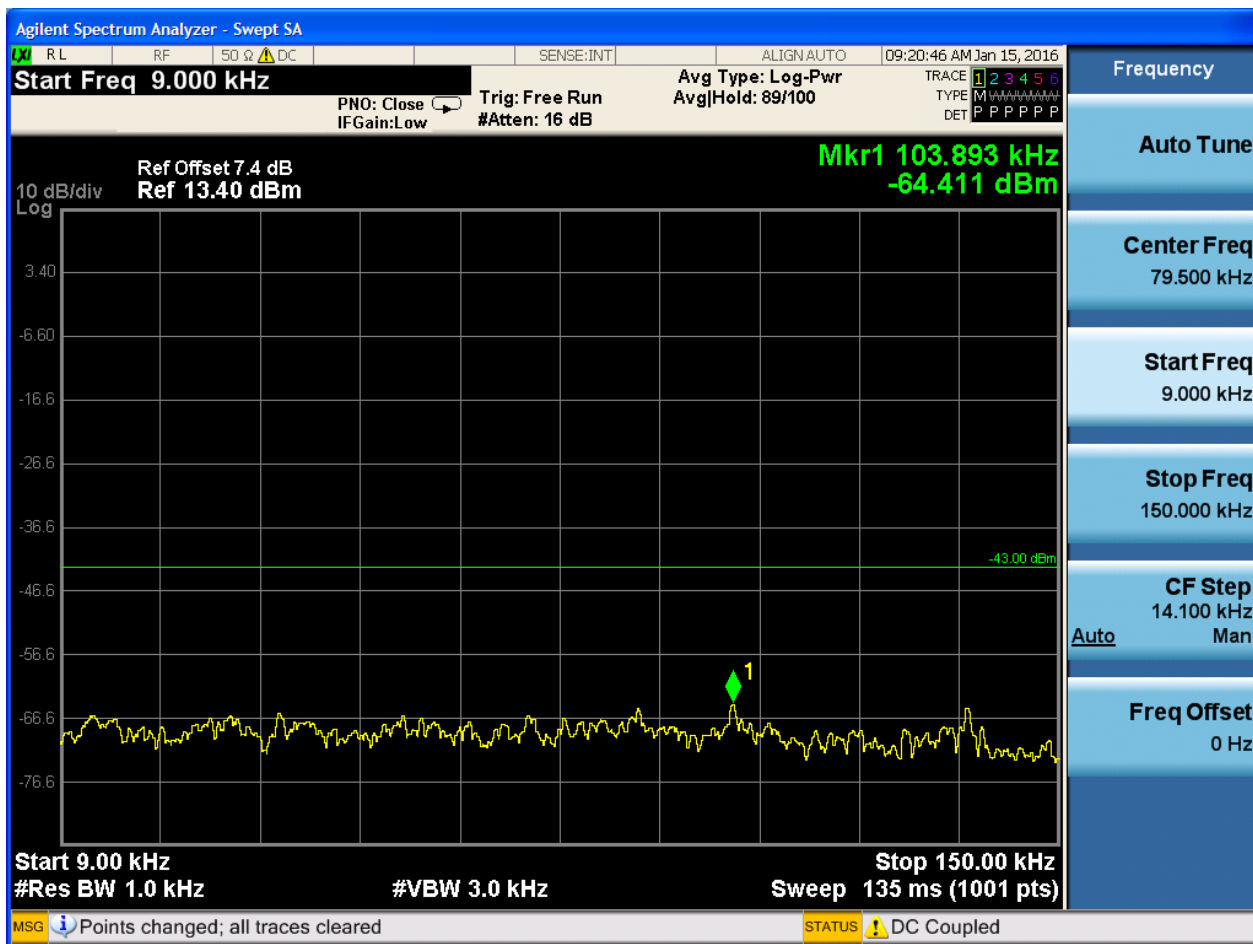


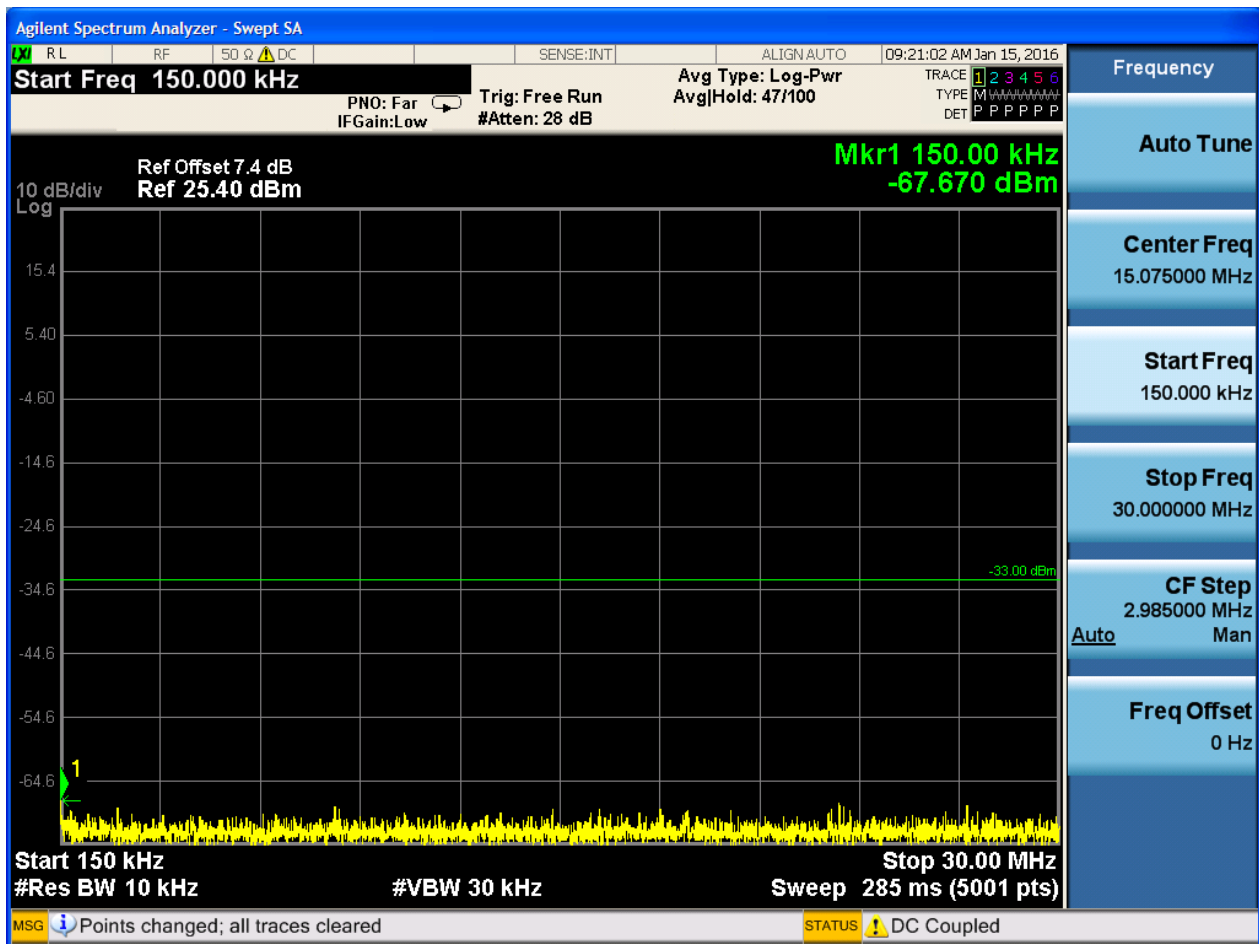


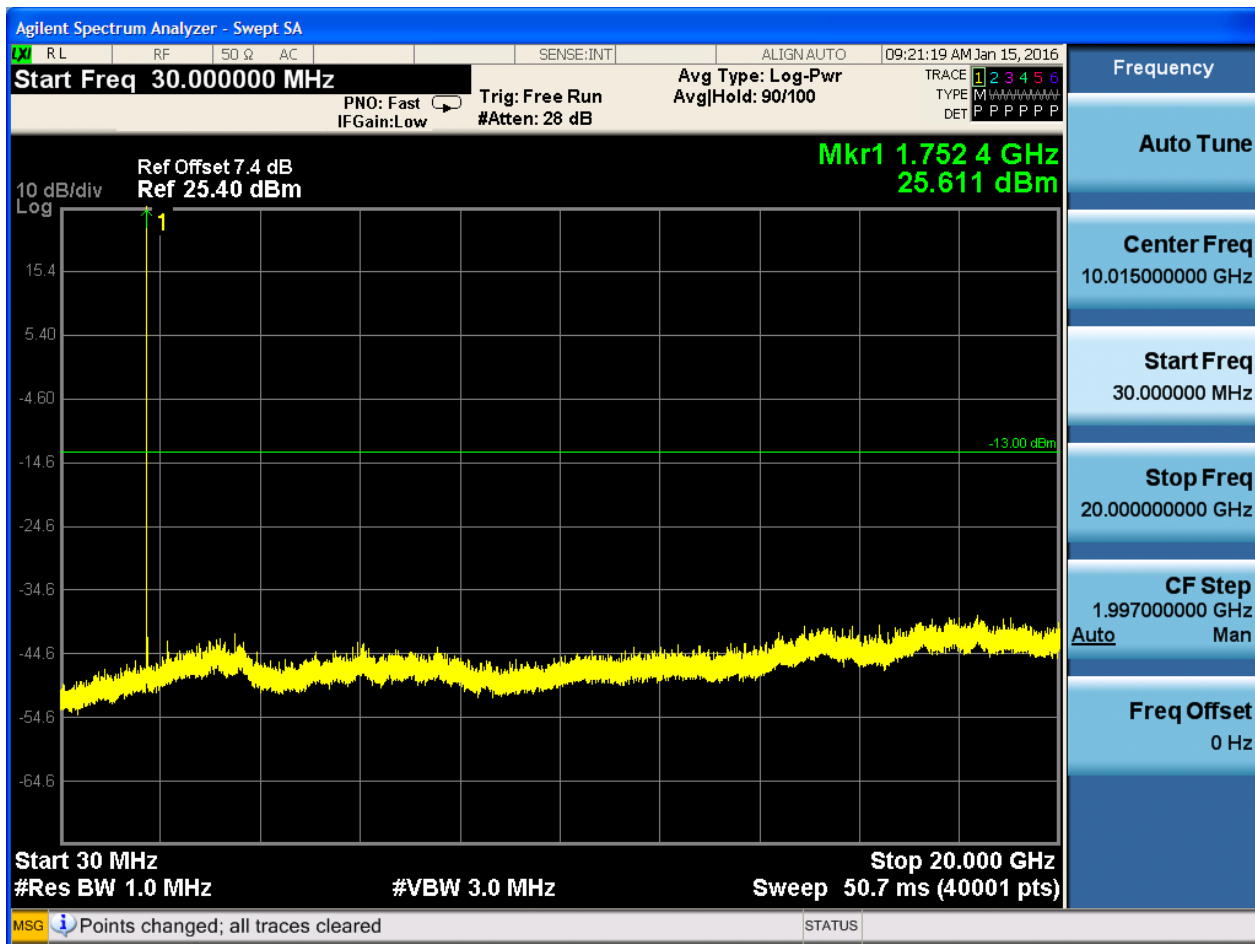


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





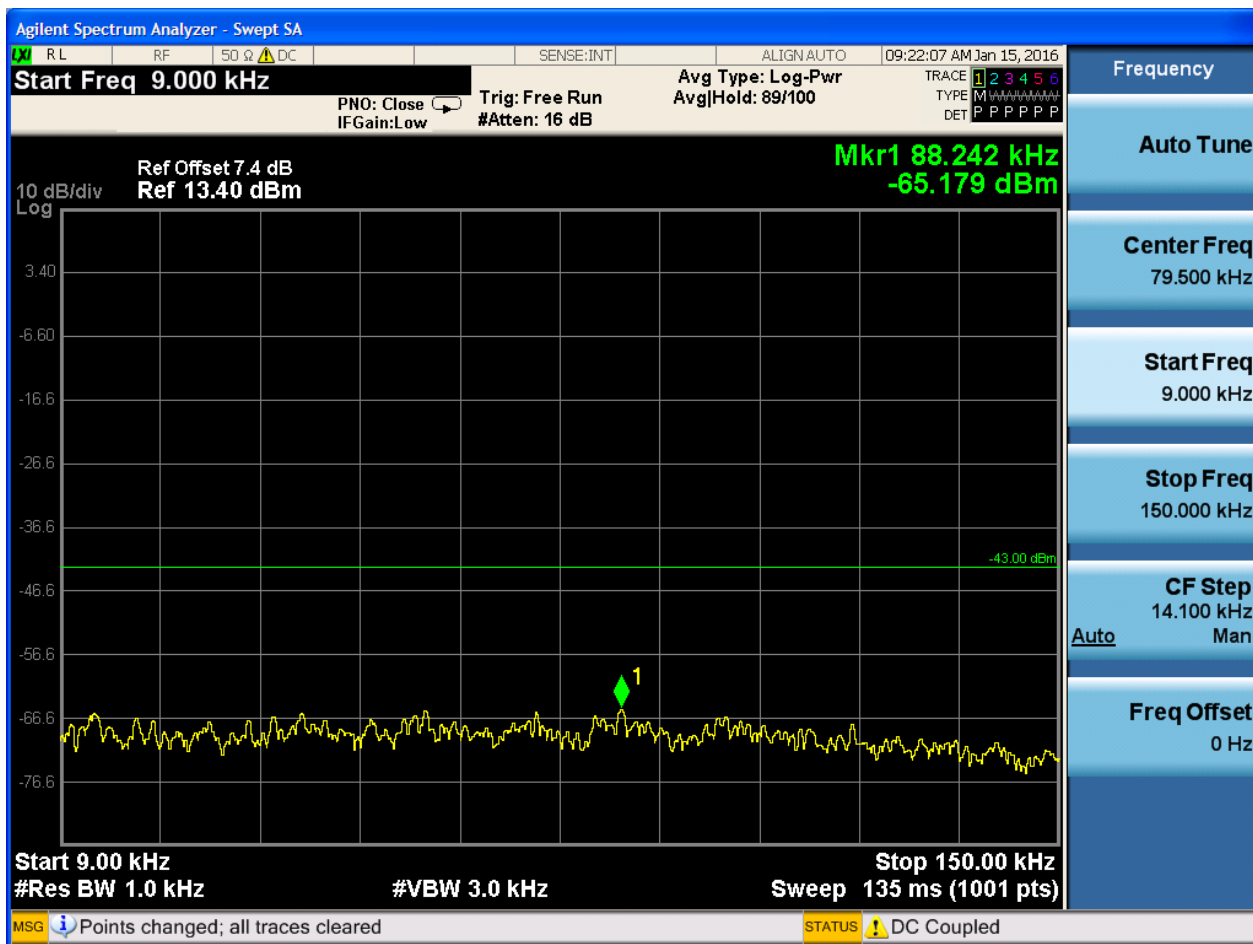




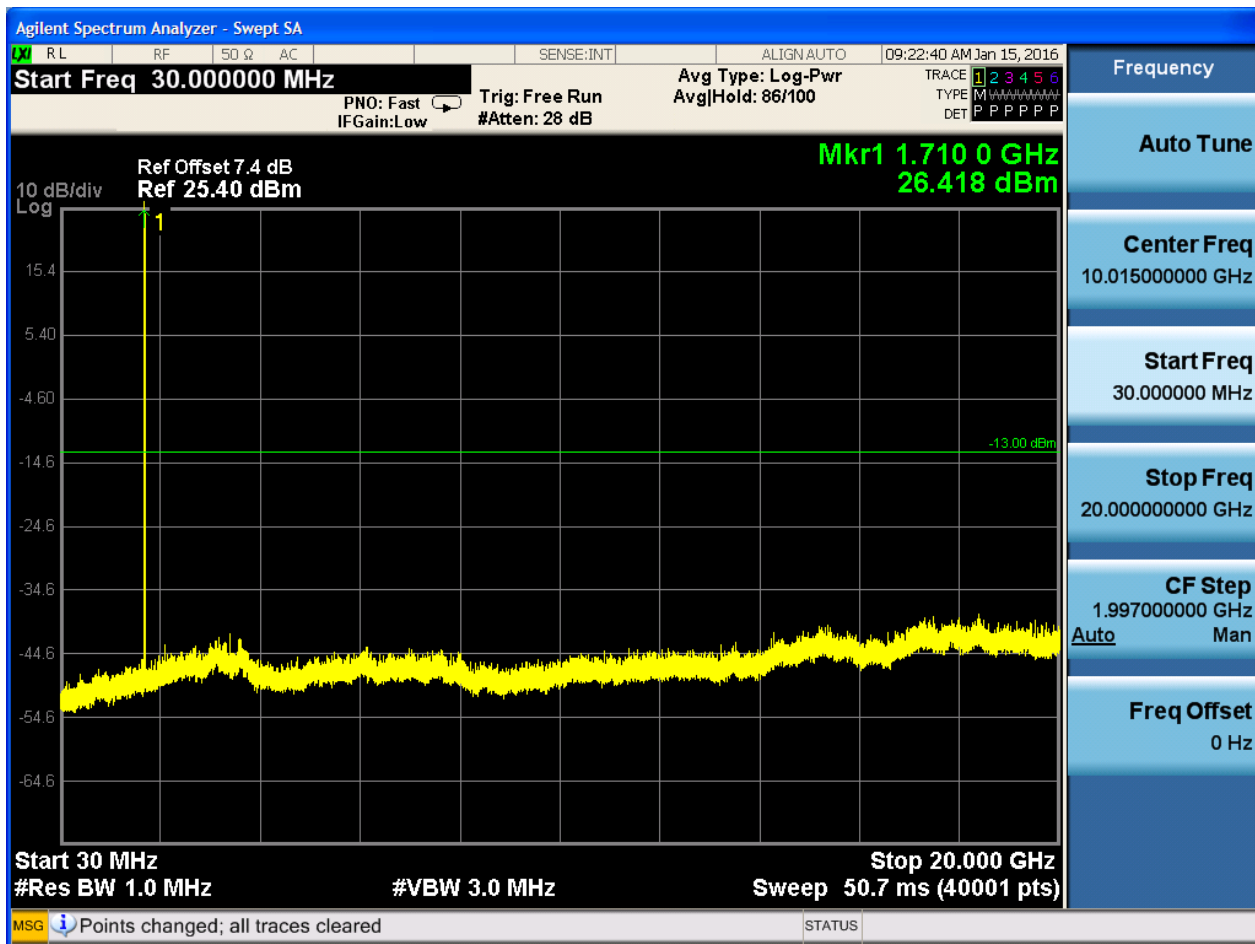
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



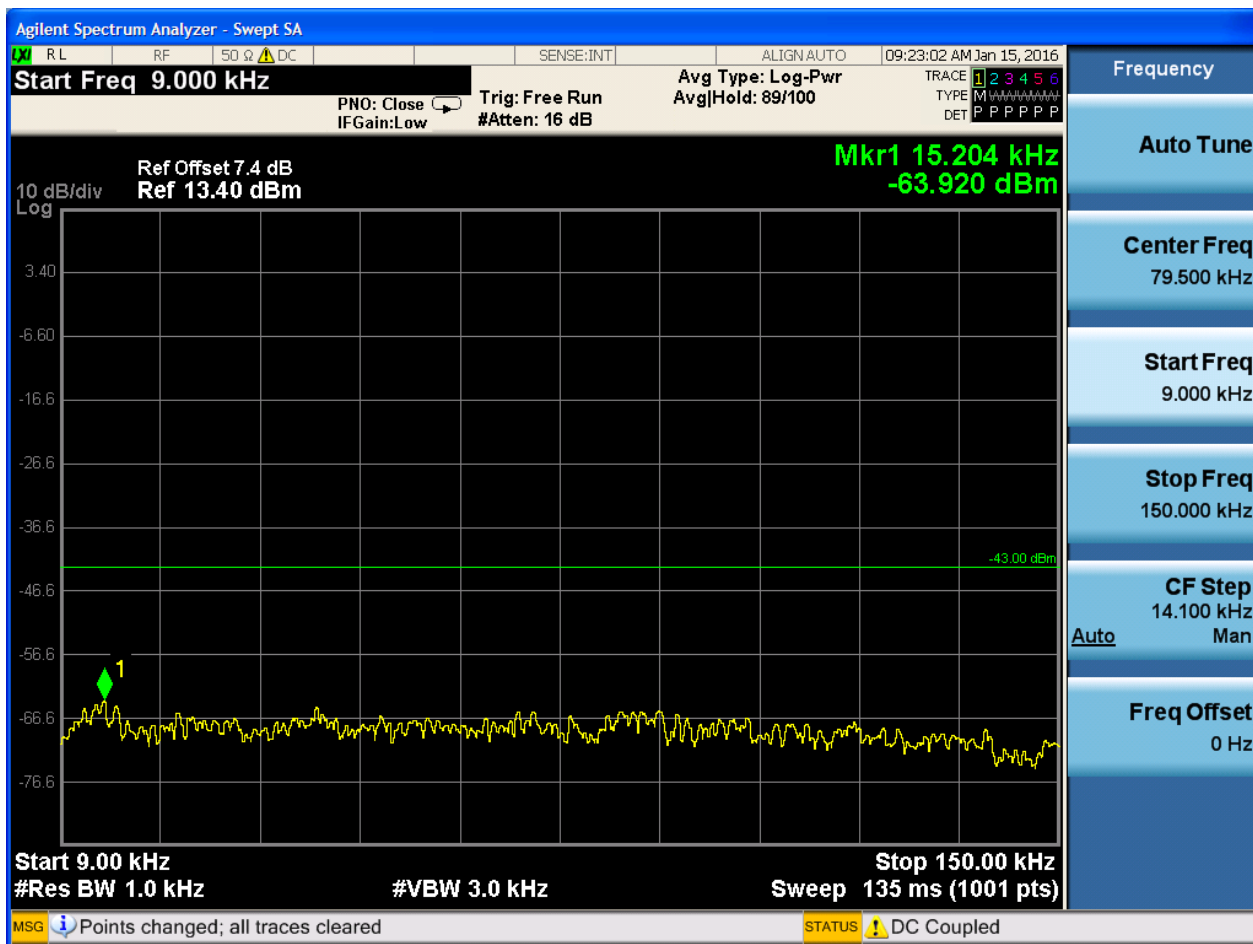


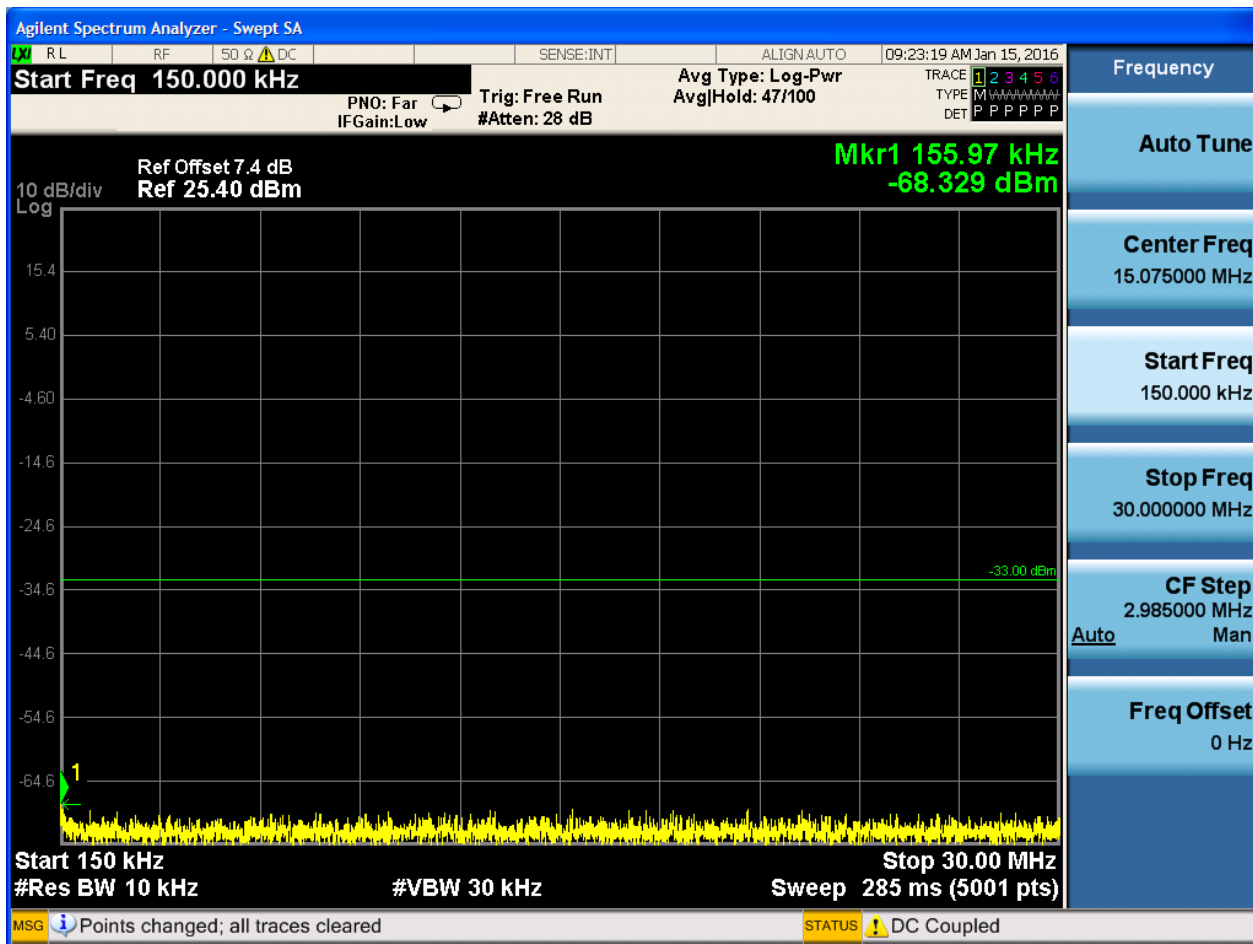


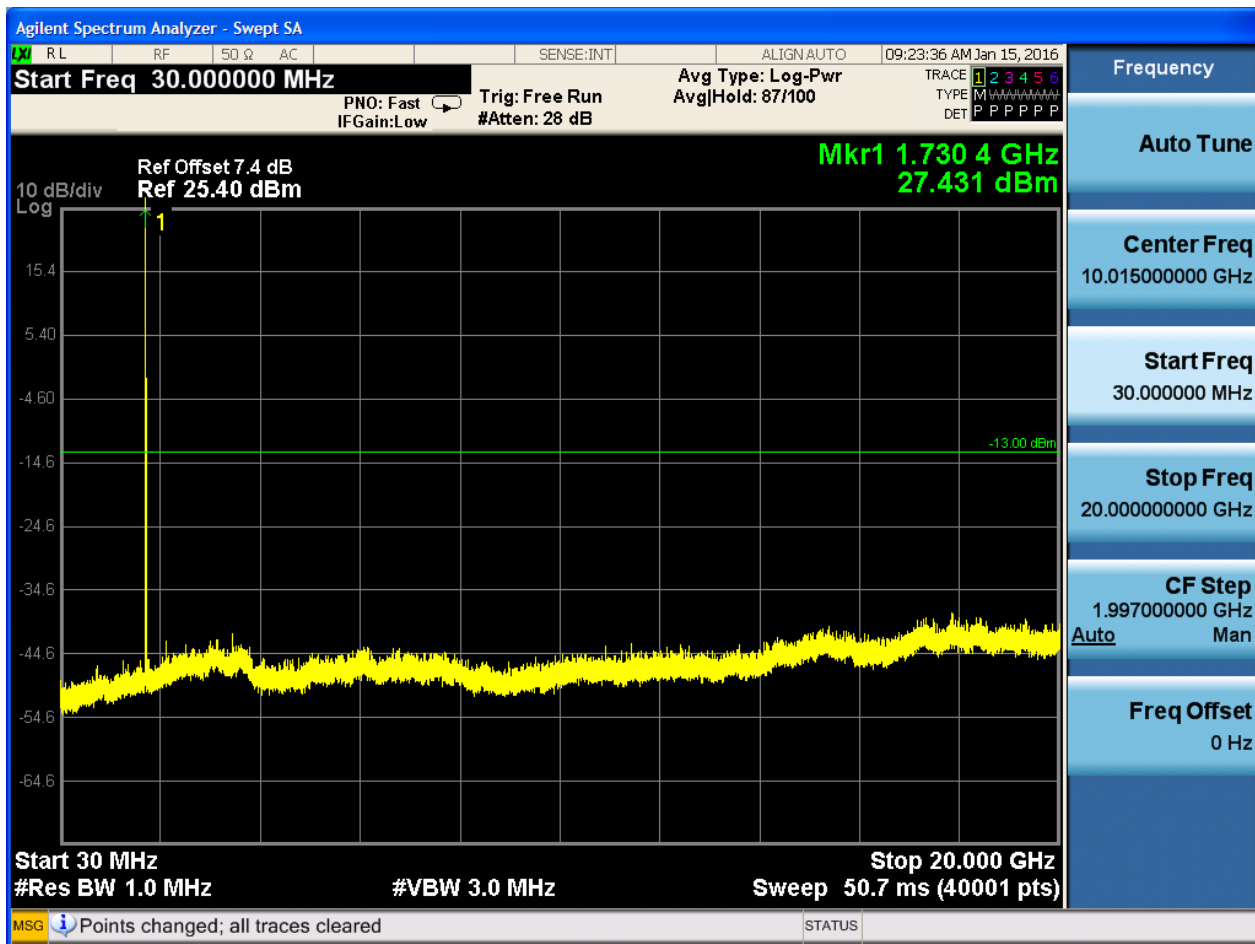


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



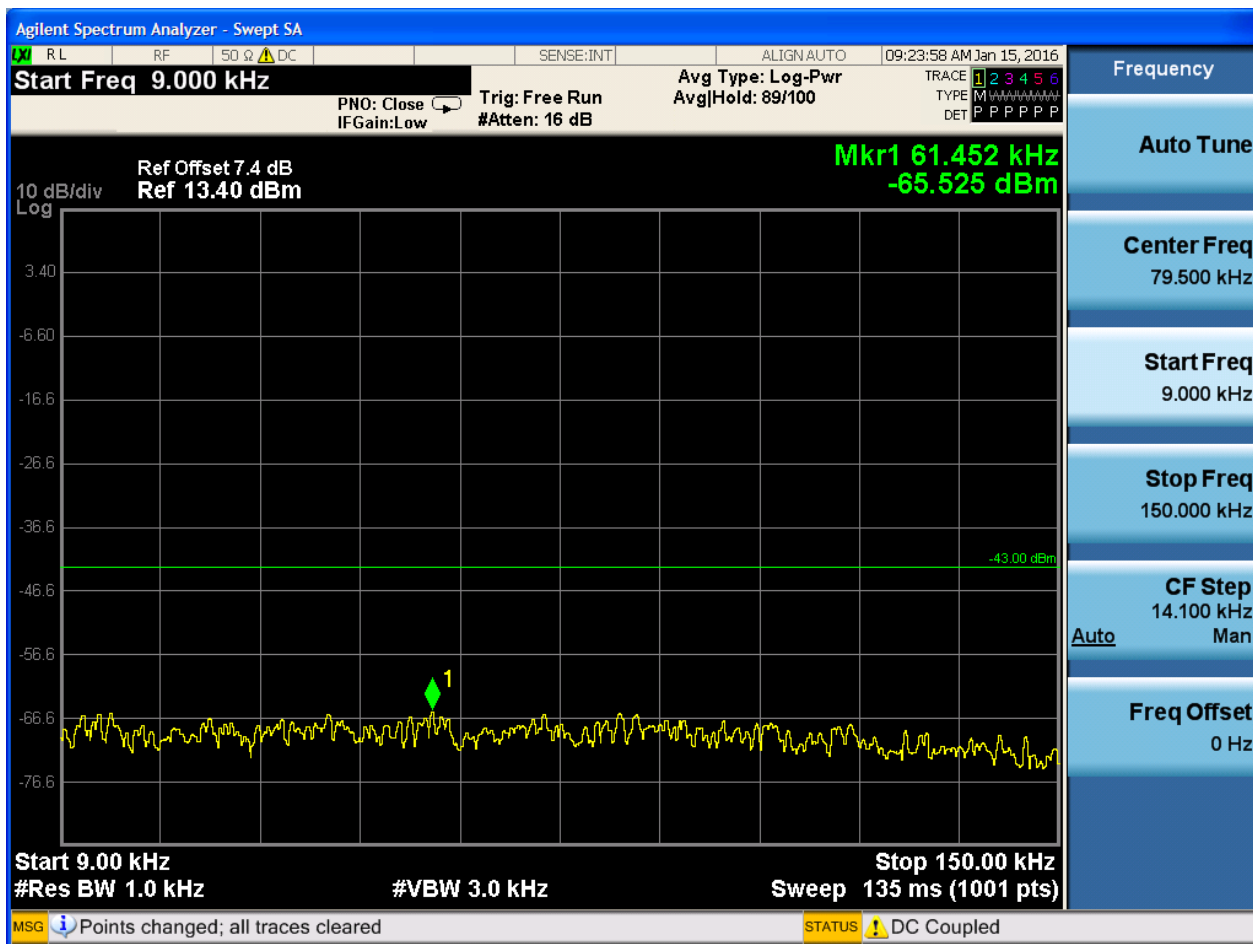




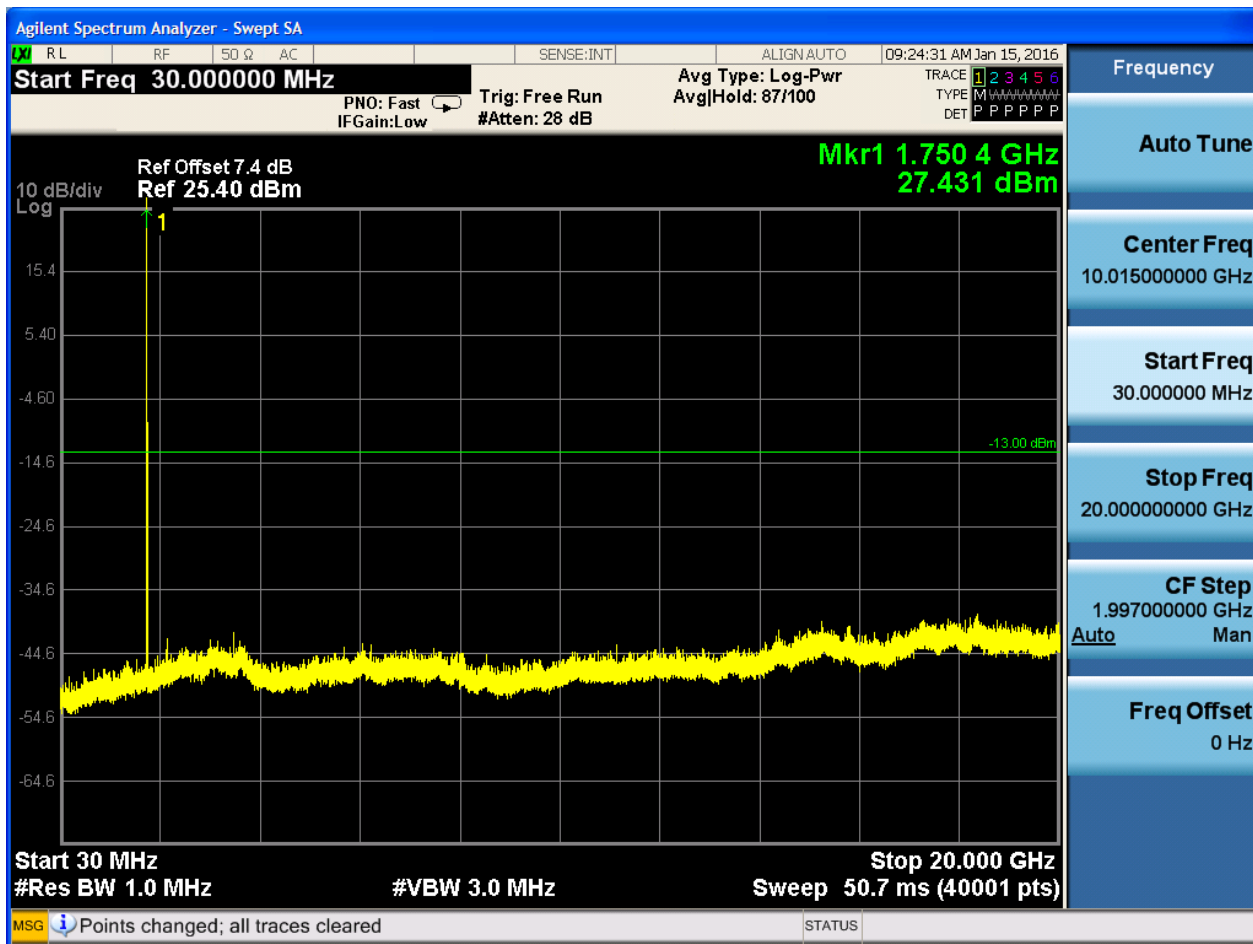


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0



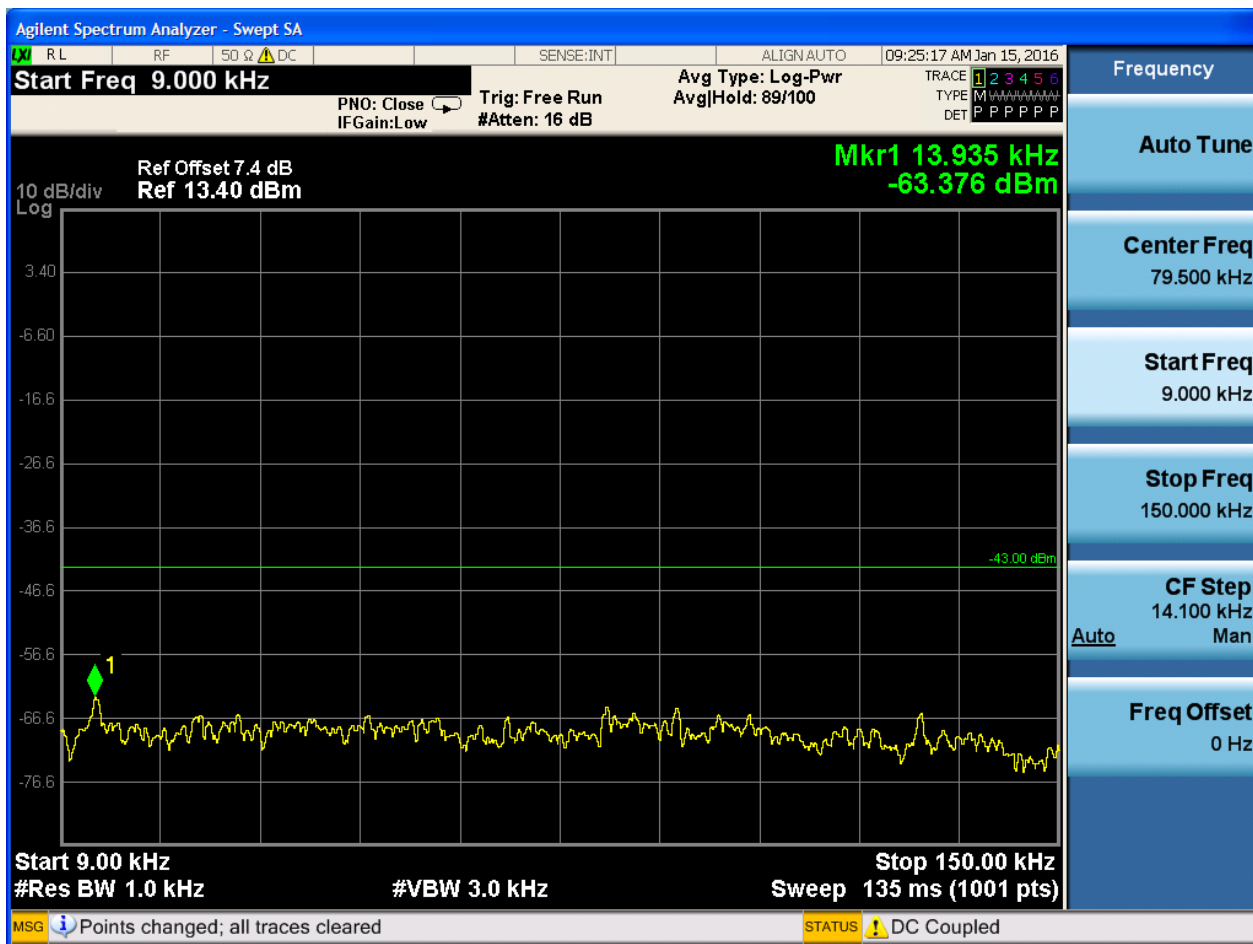


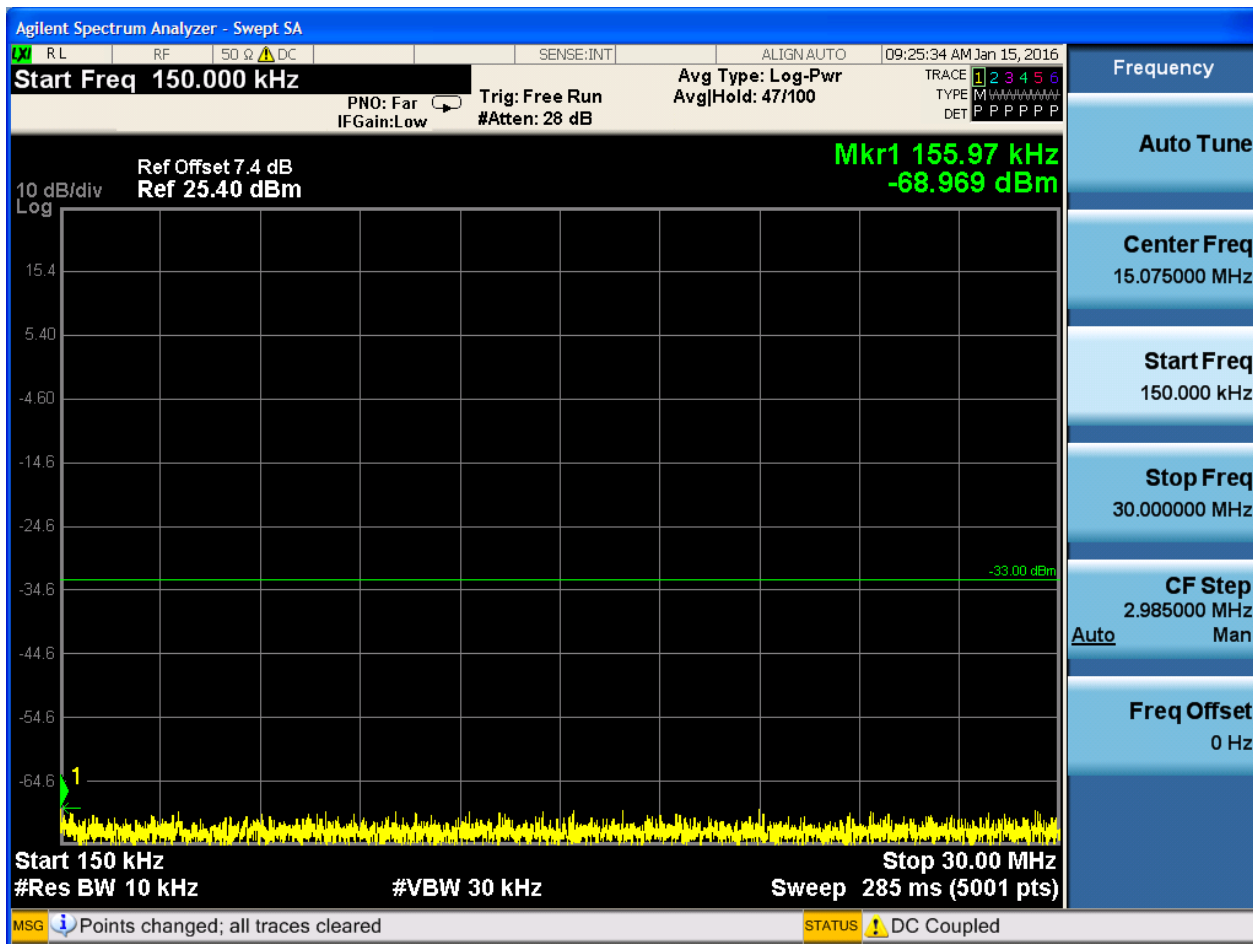


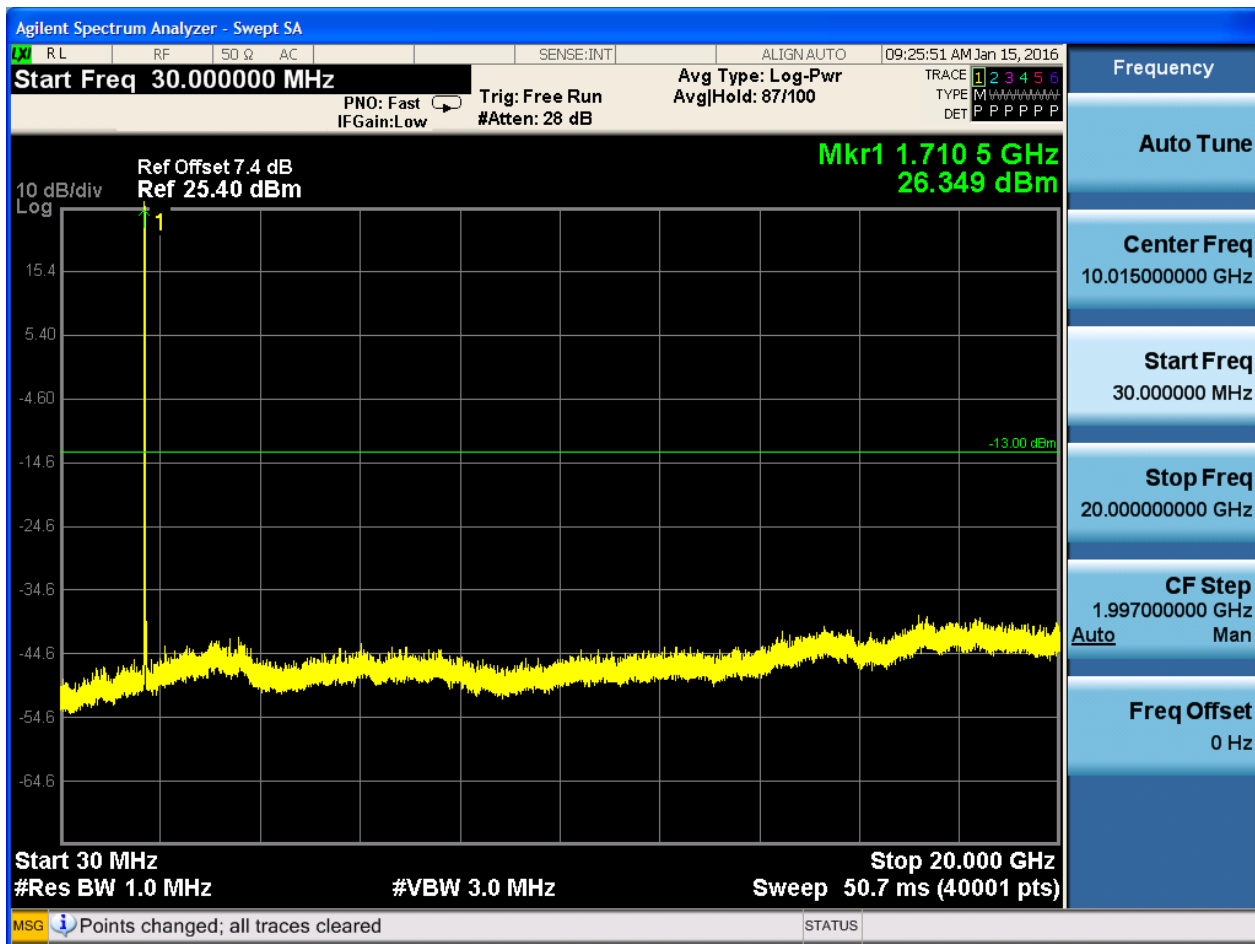
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



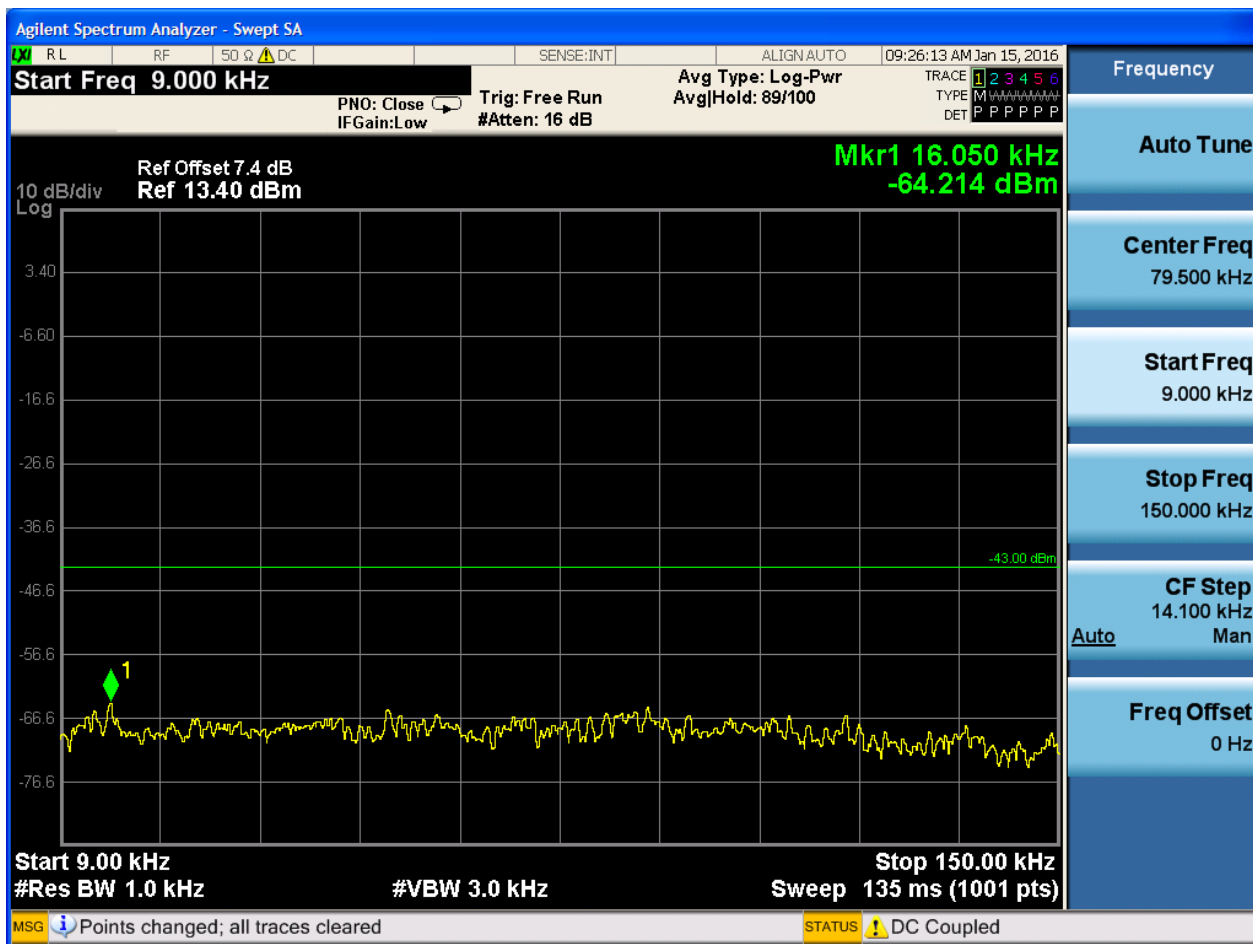


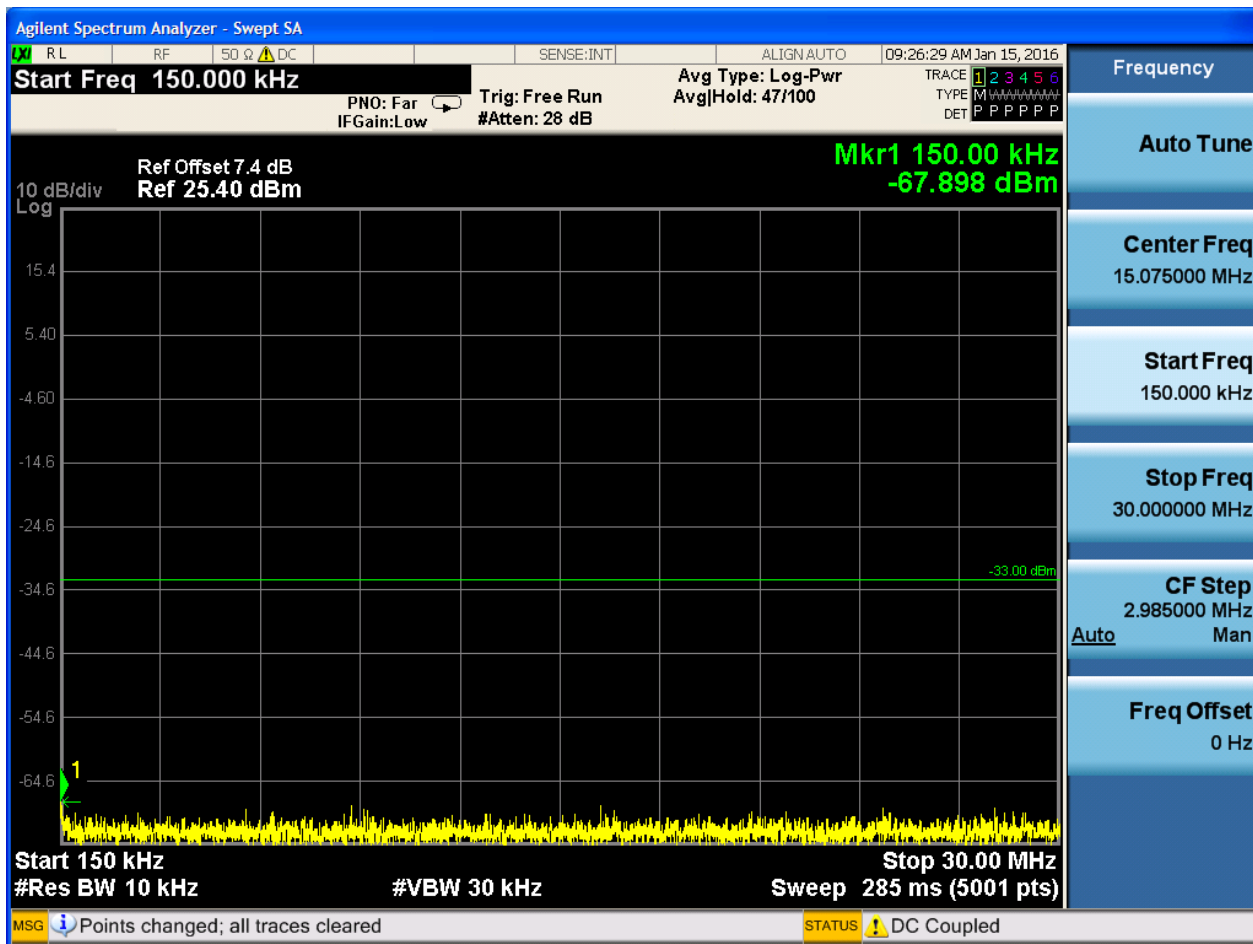


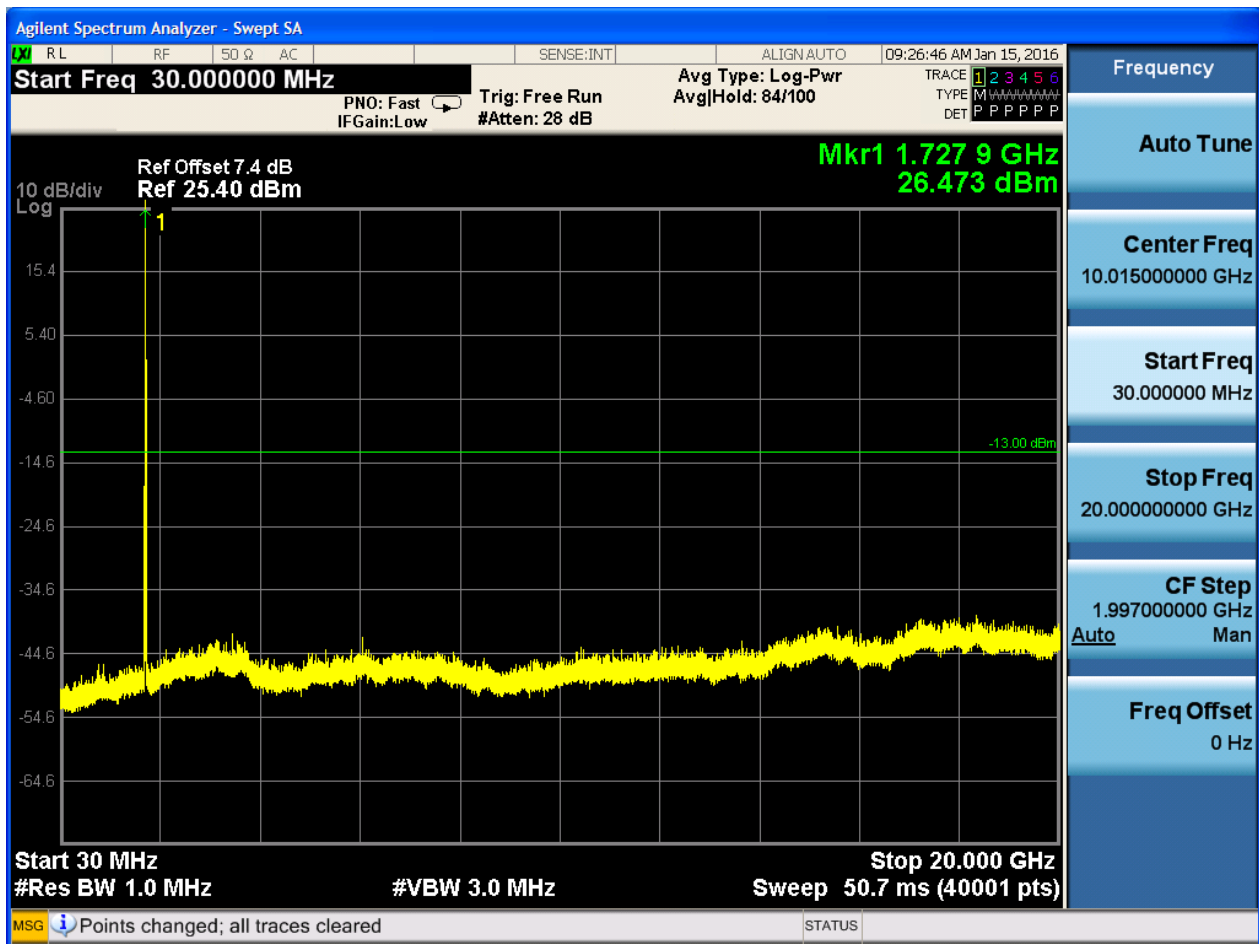


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



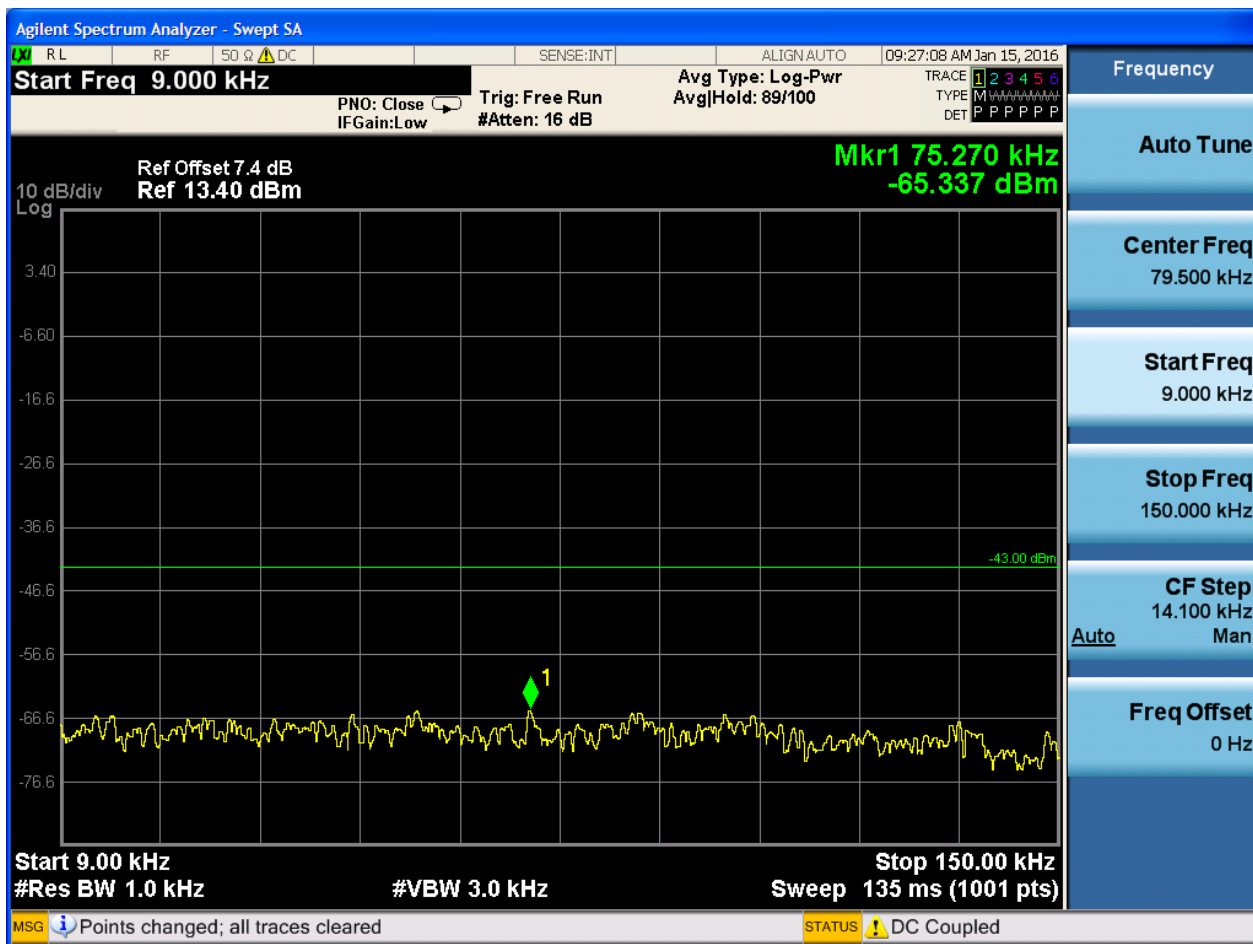




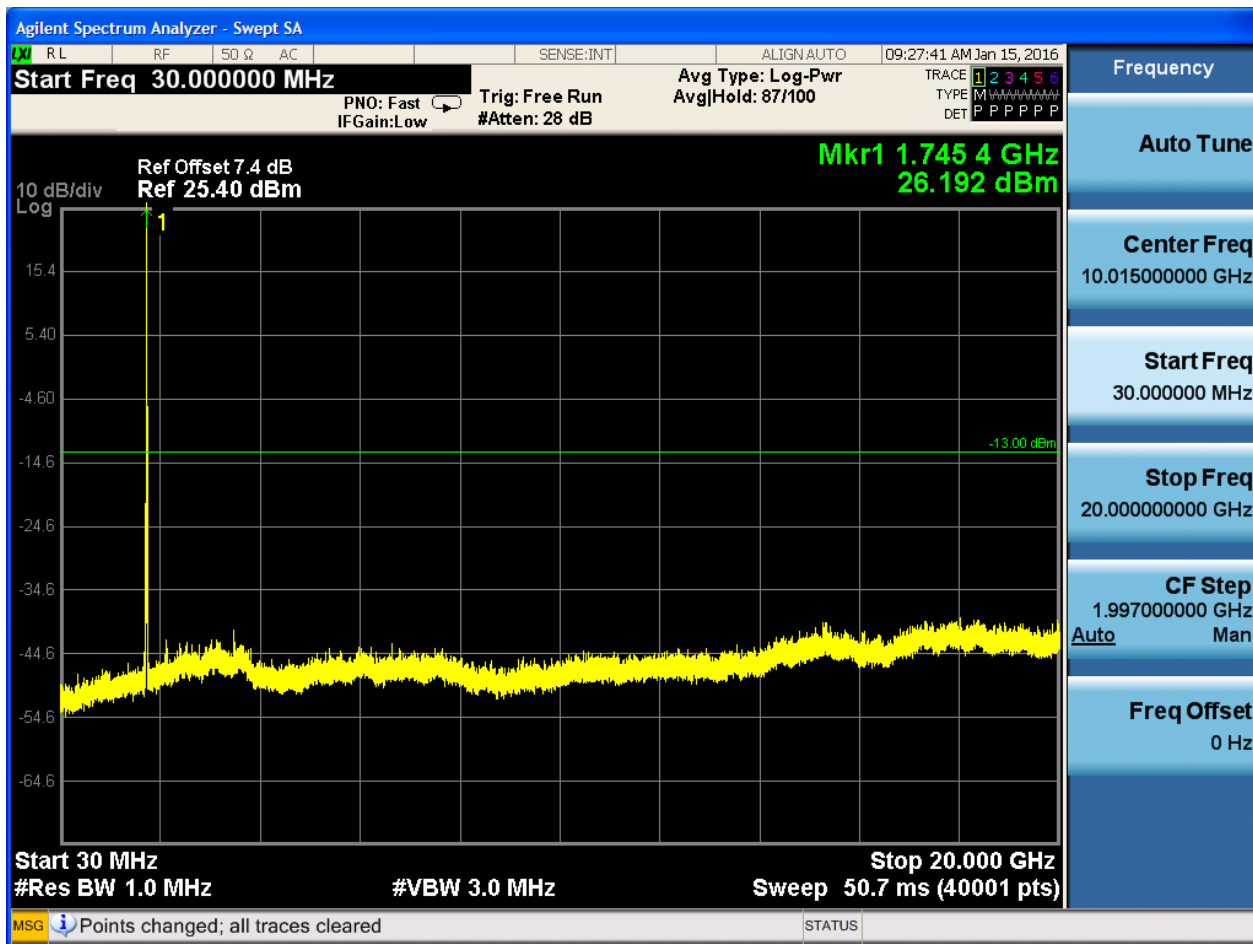


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0





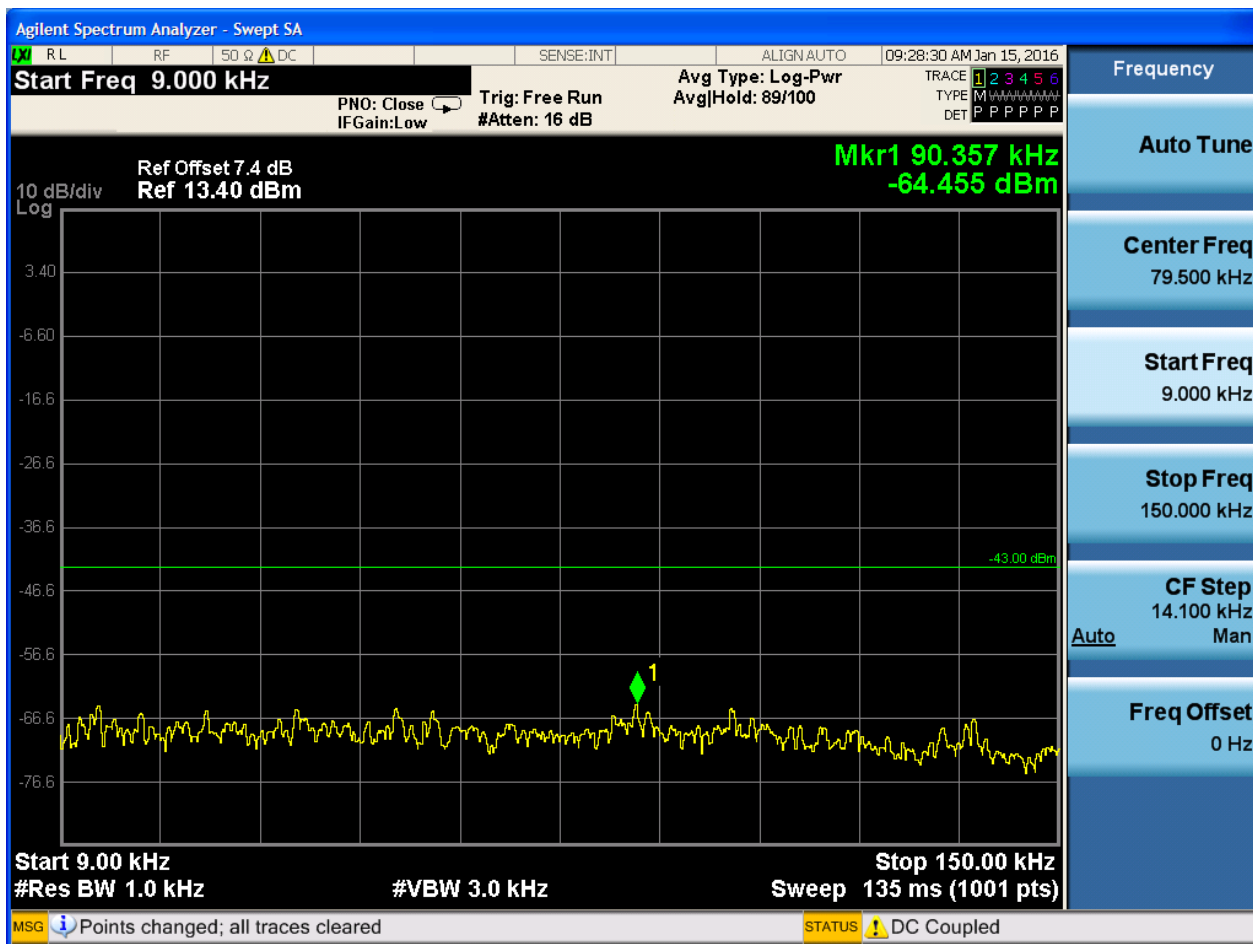


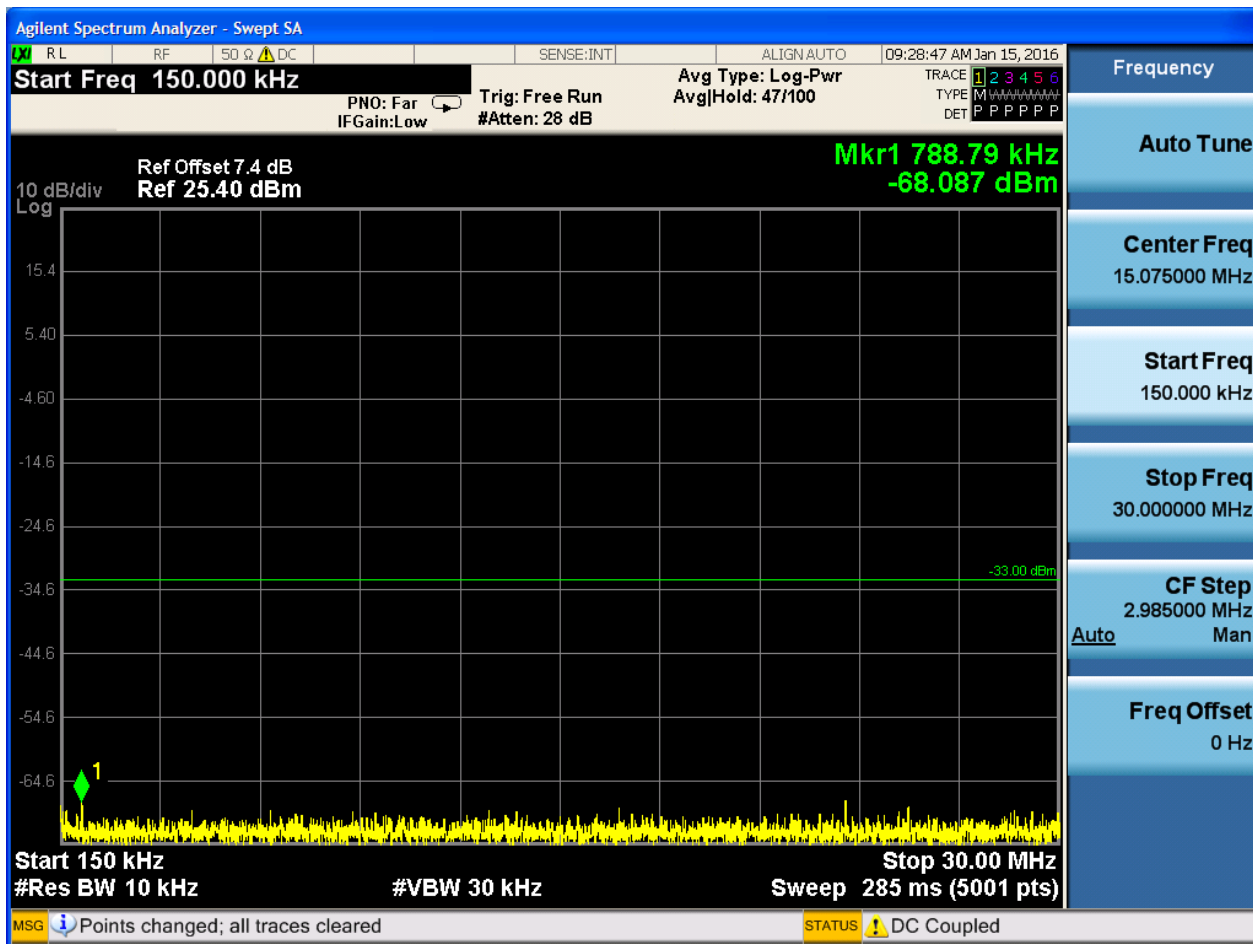


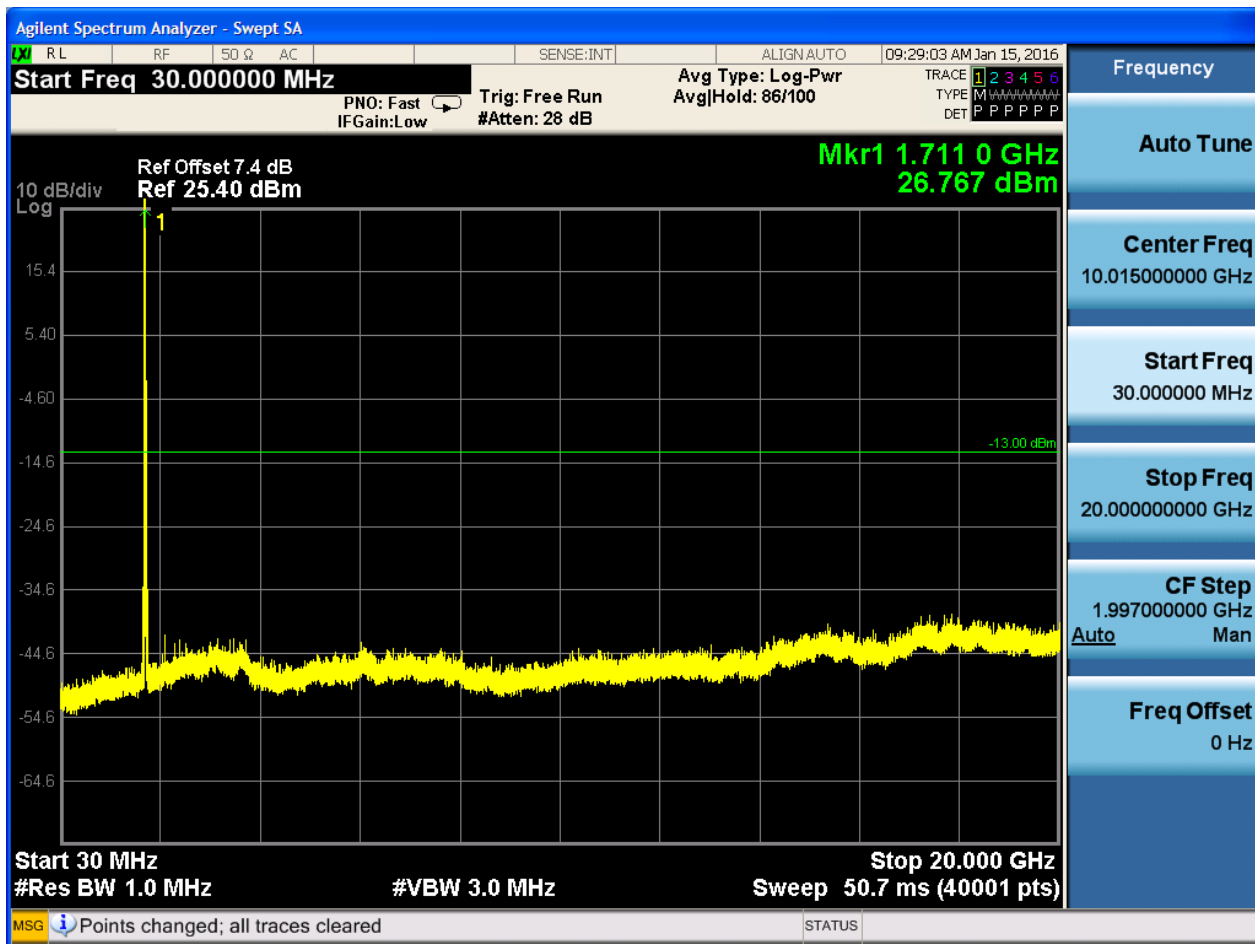
6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0



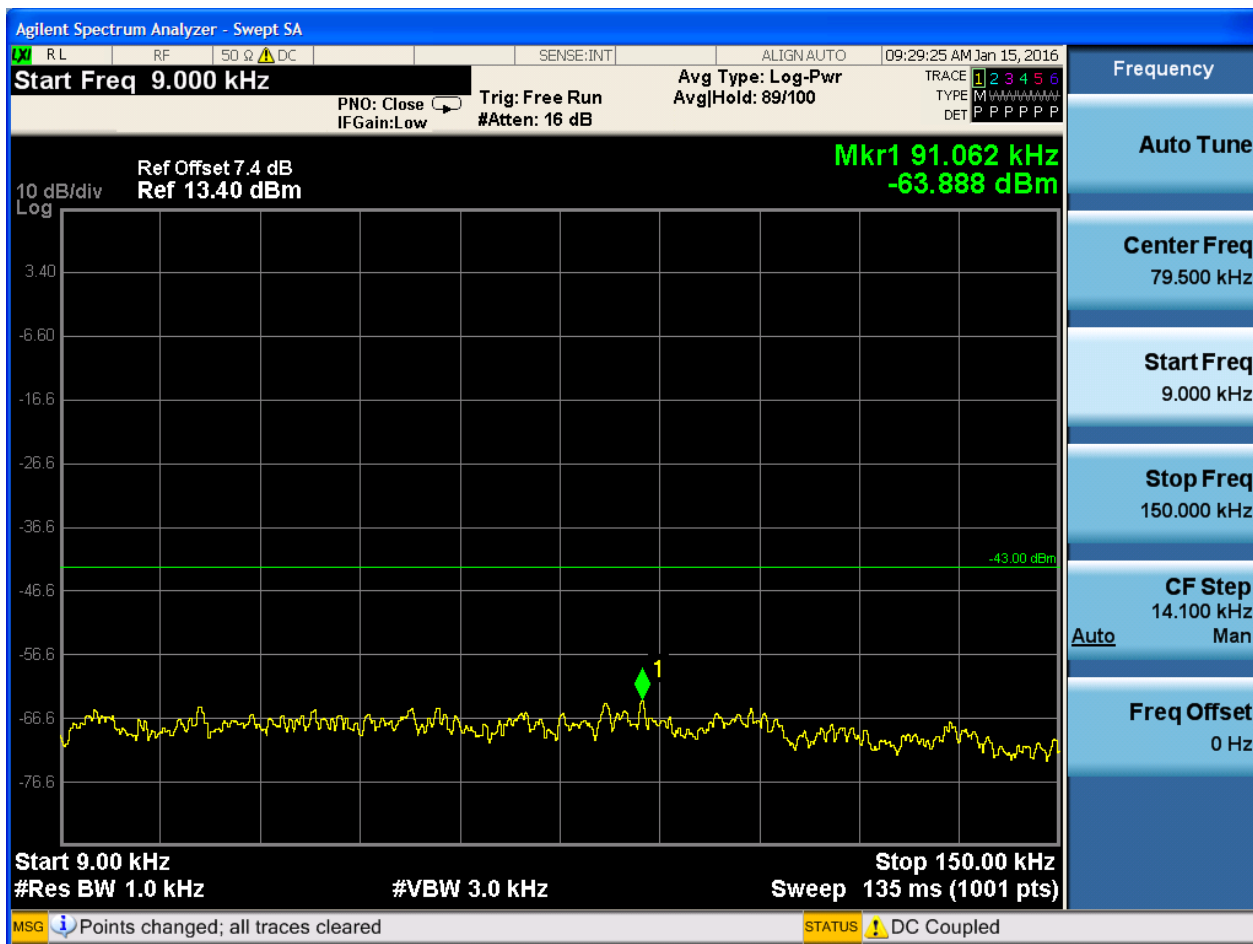




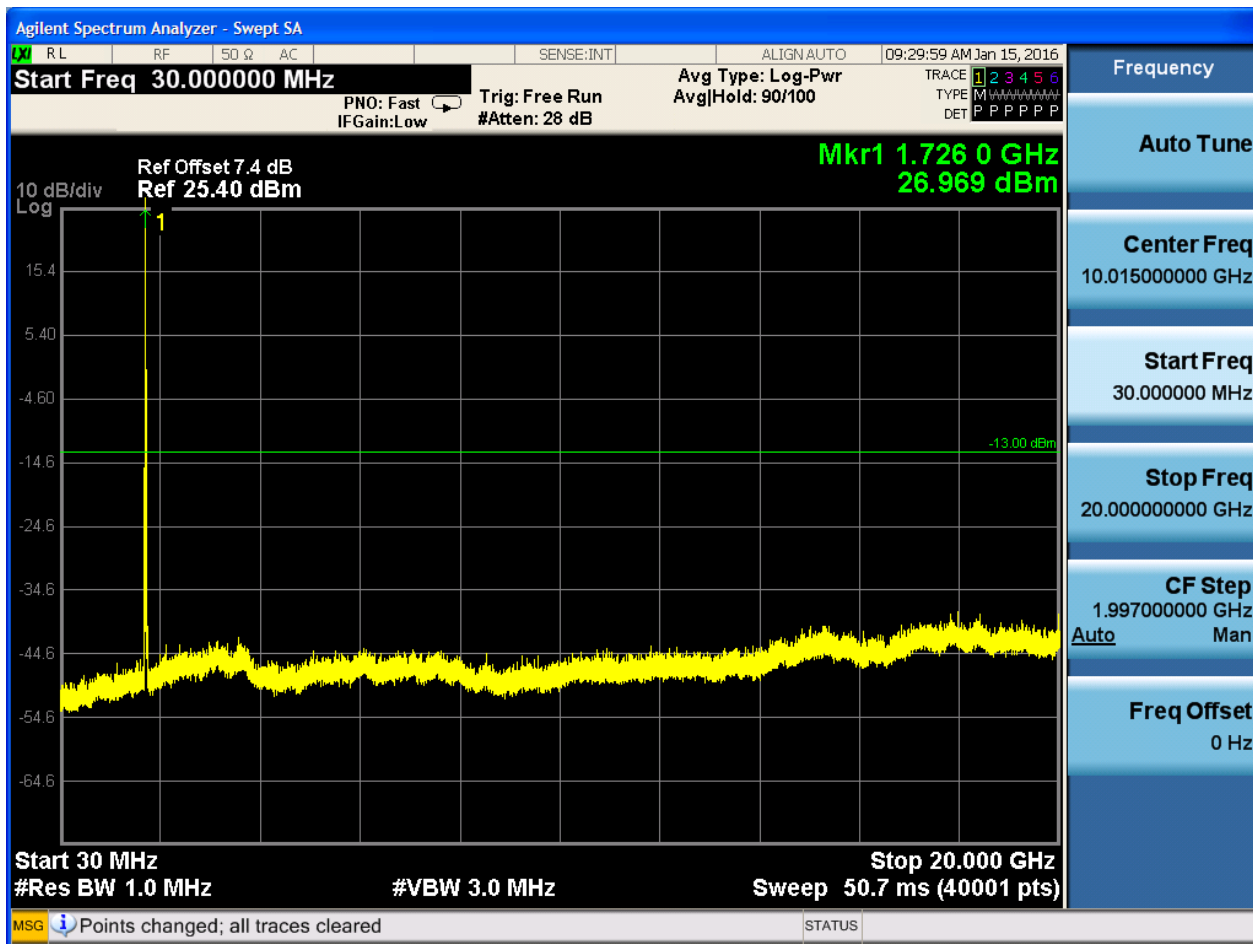


6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0



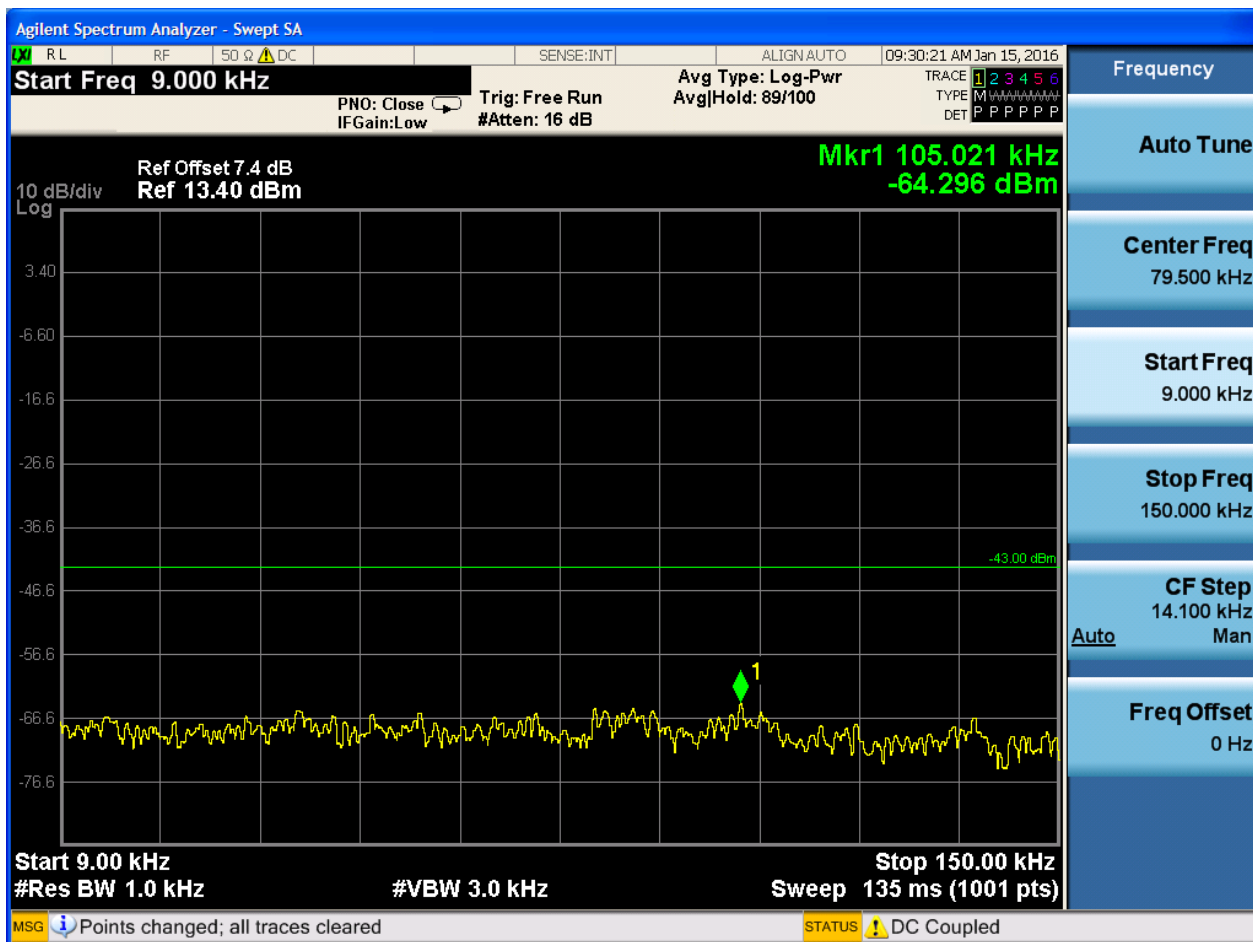




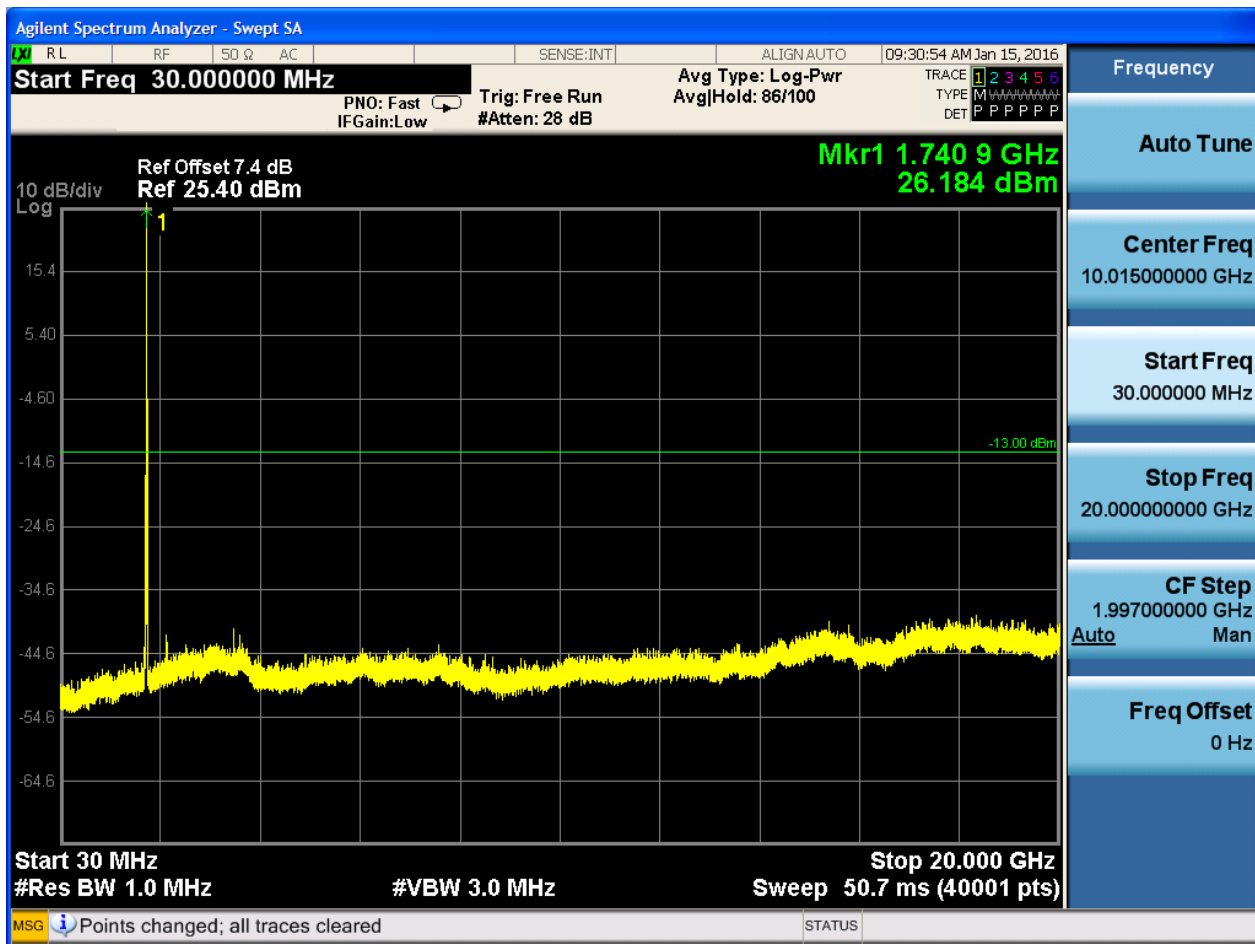


6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0



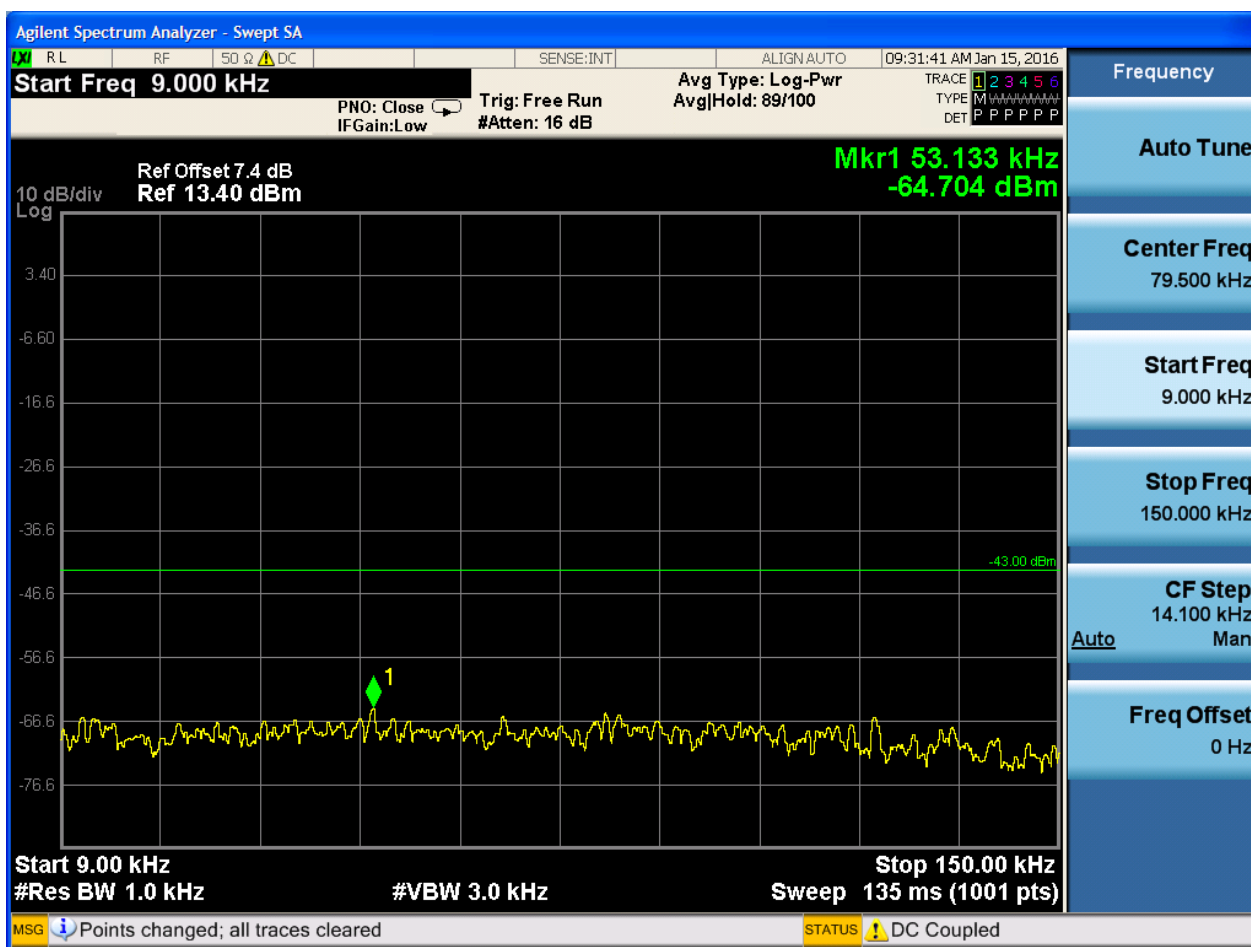


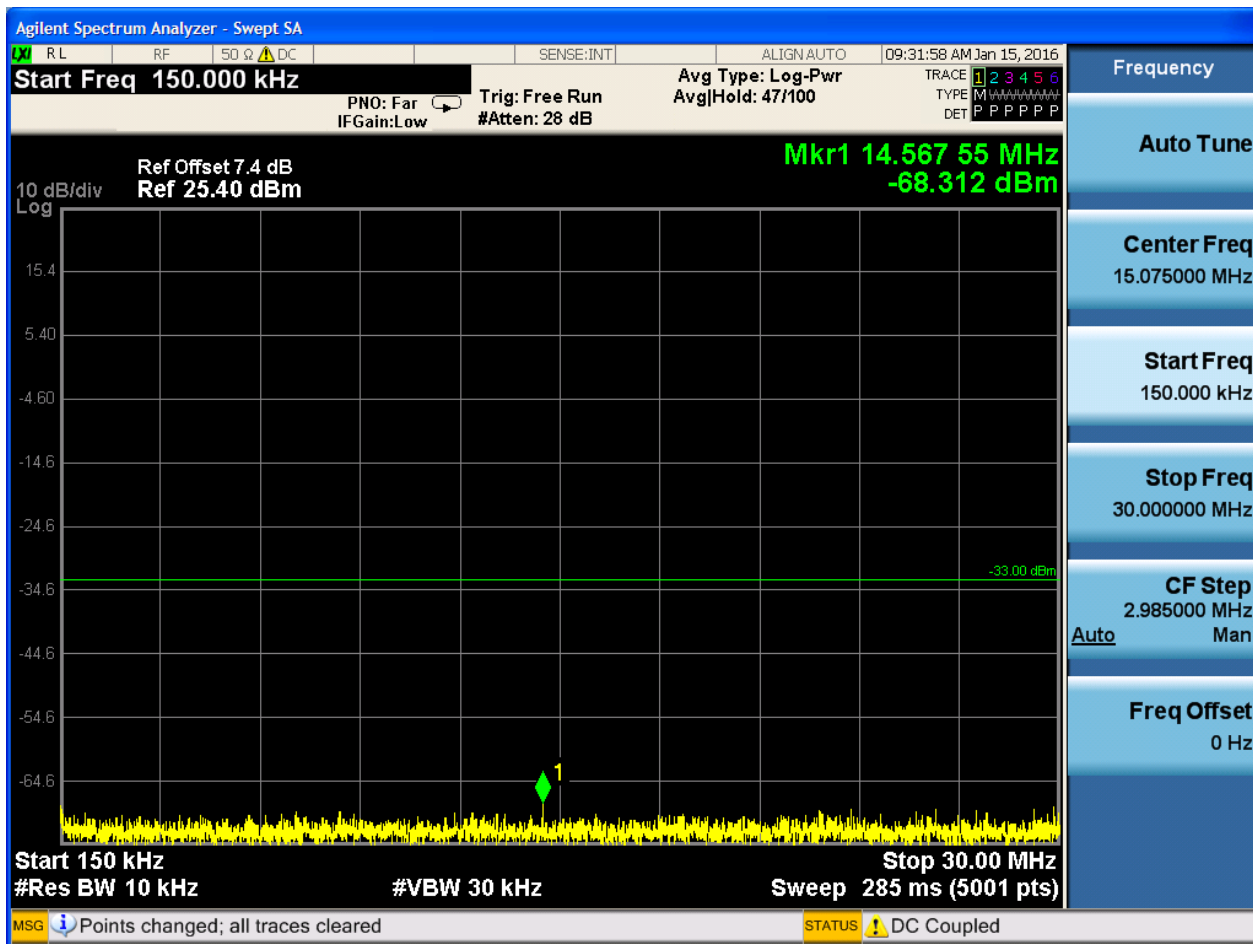


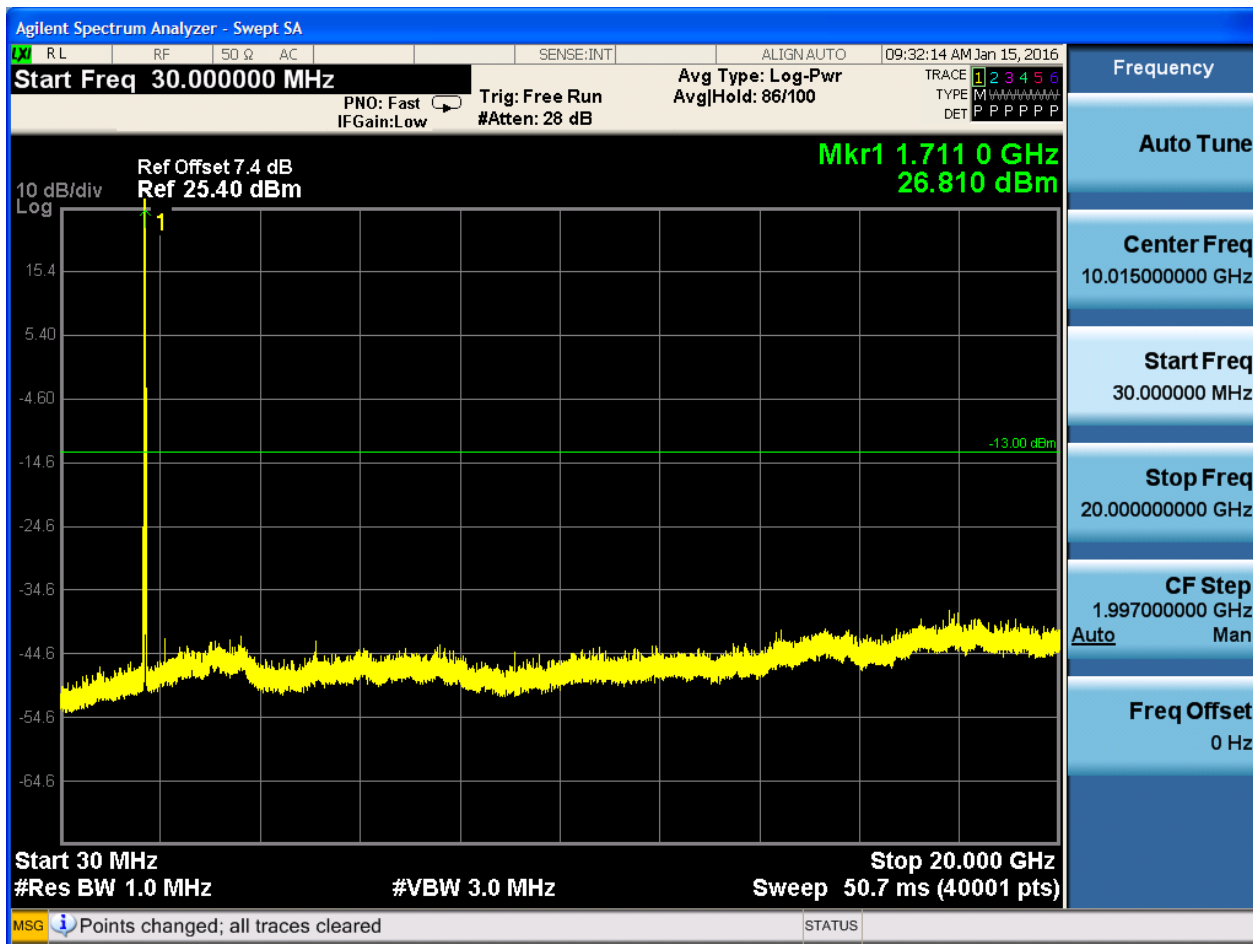
6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0



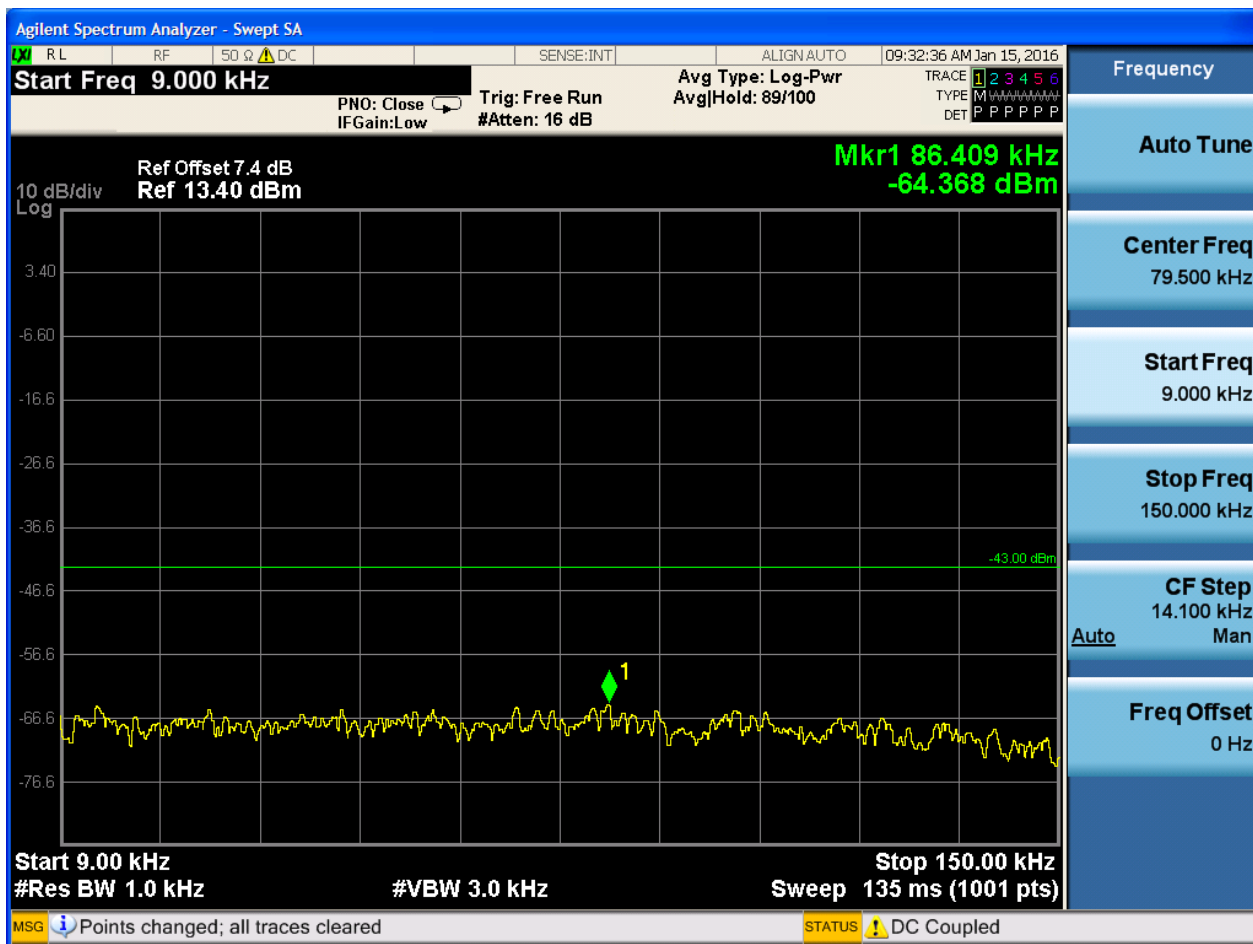


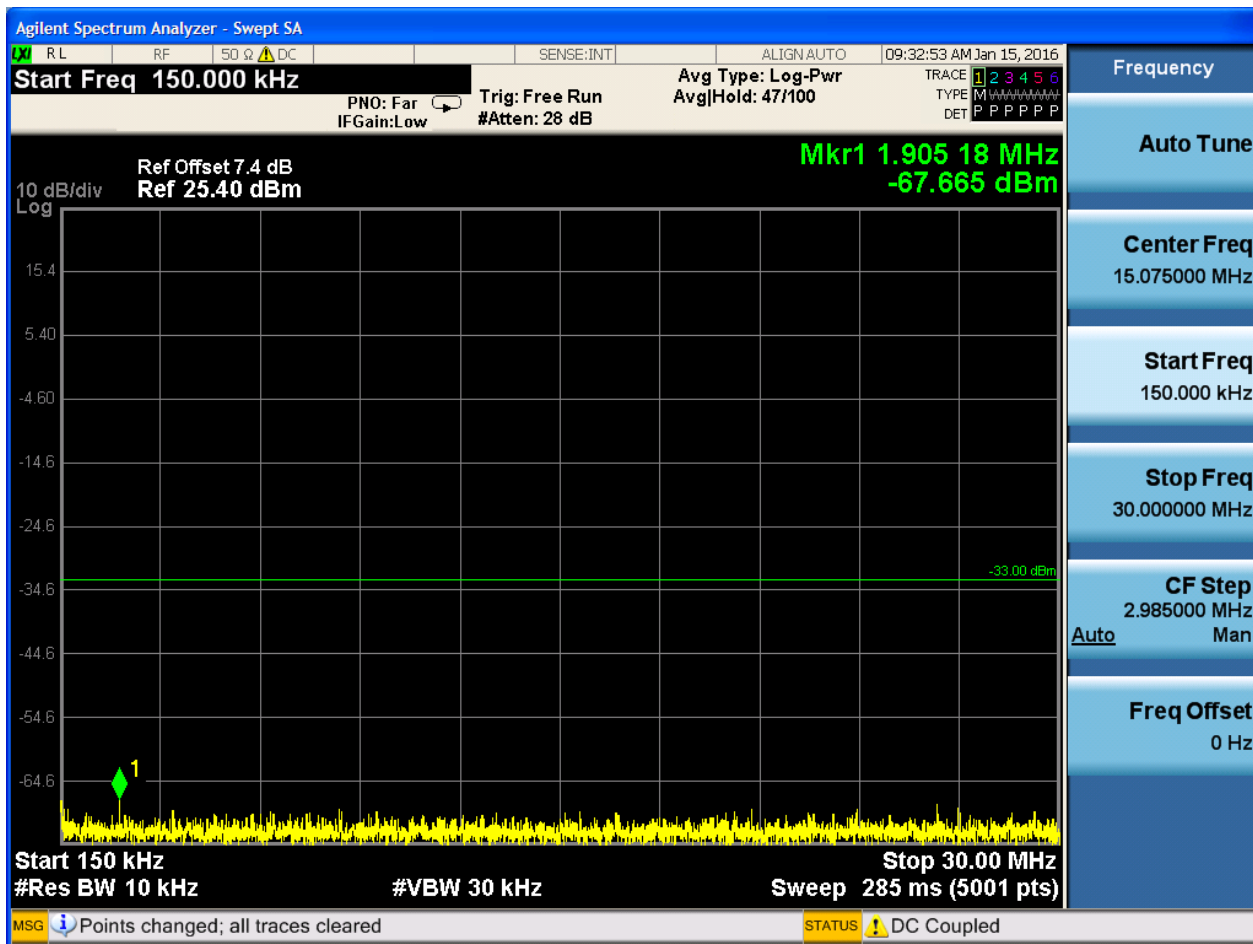


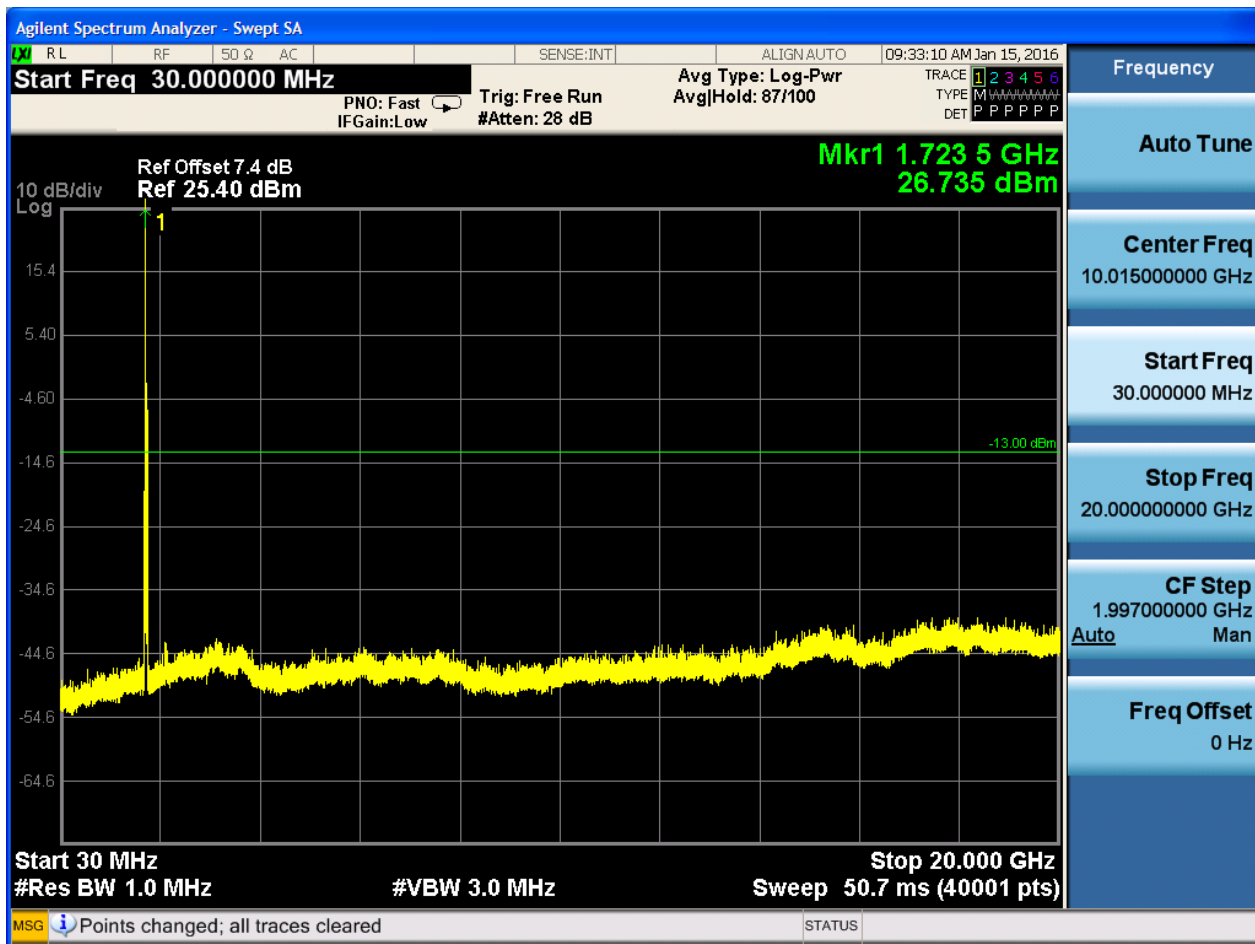


6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0



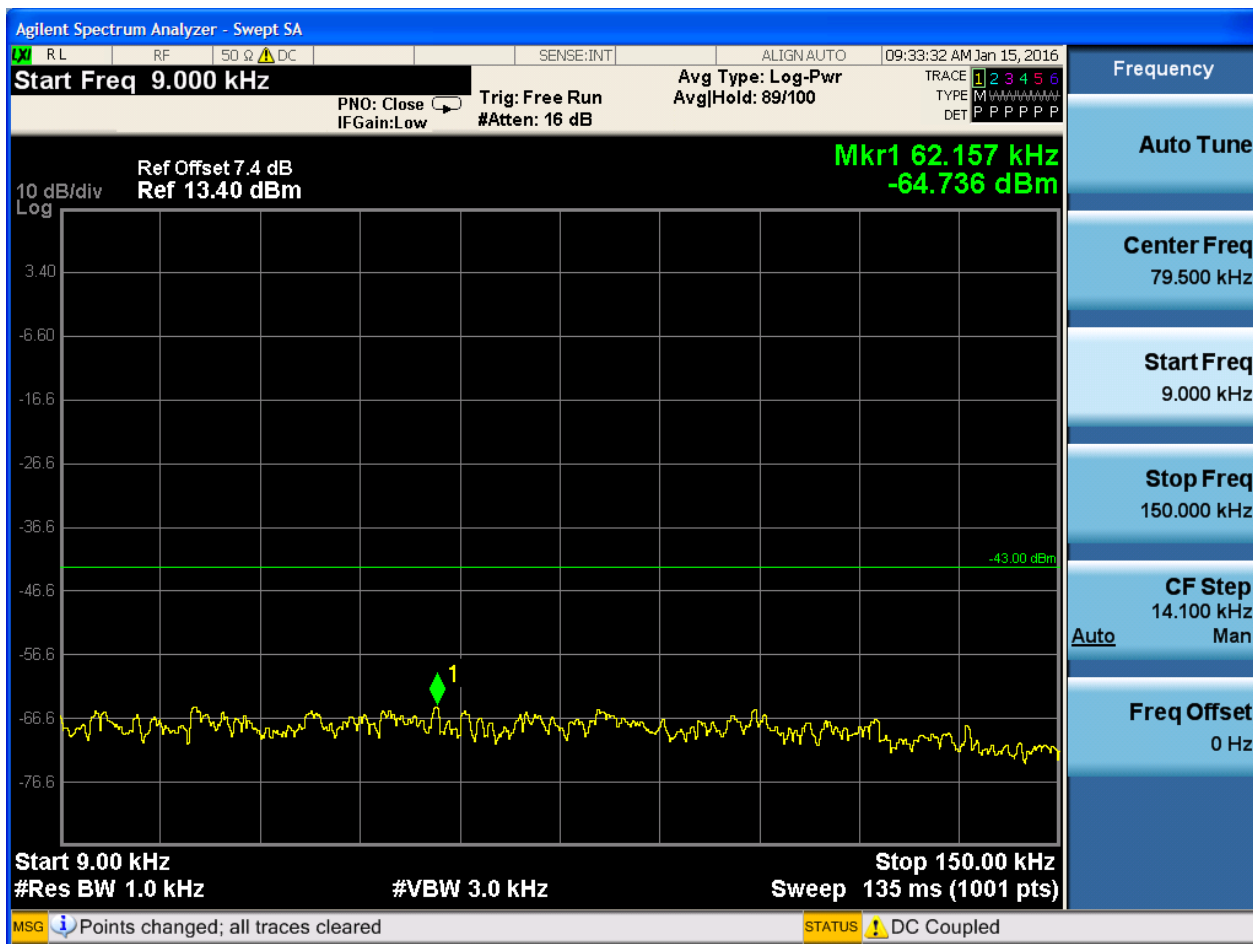


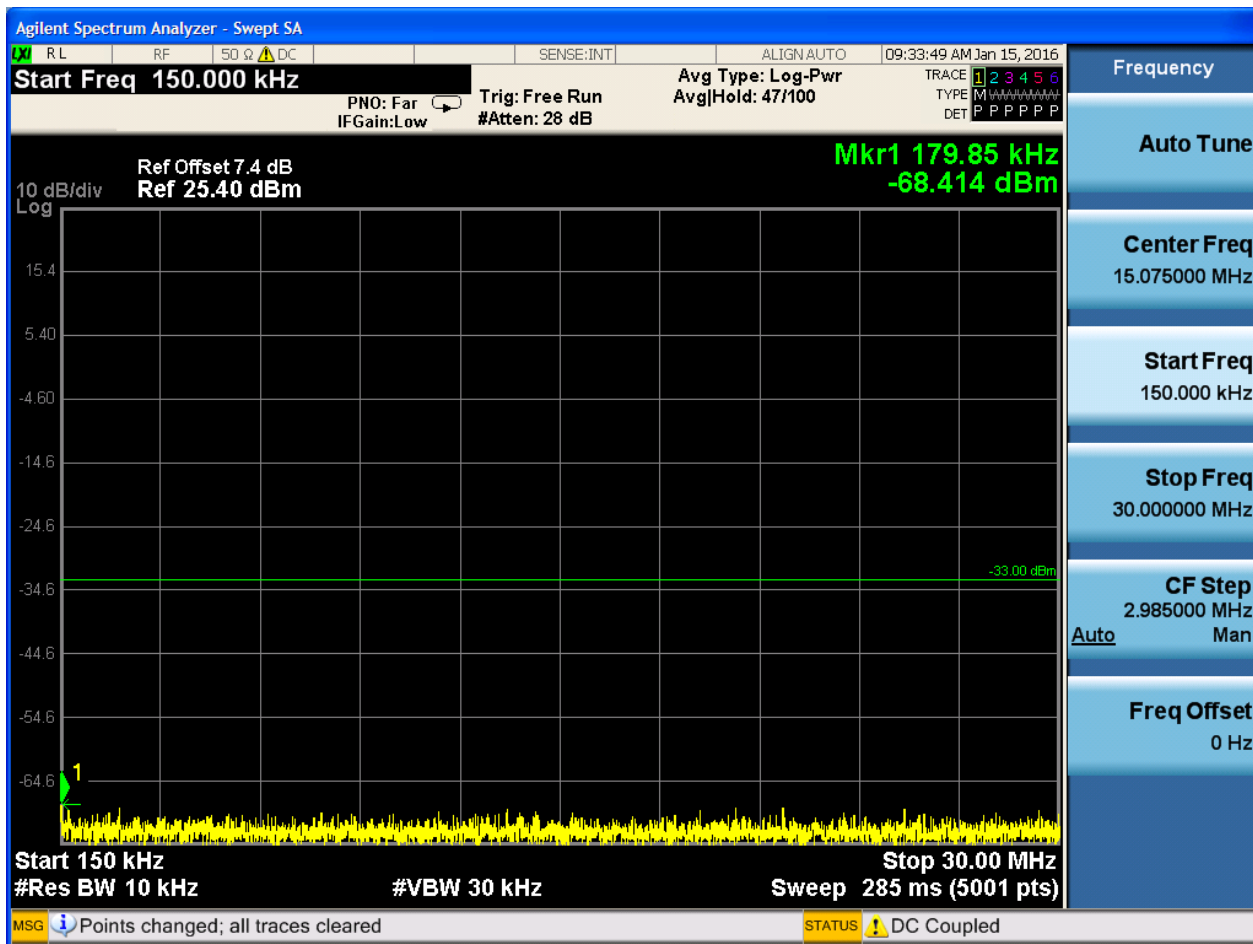


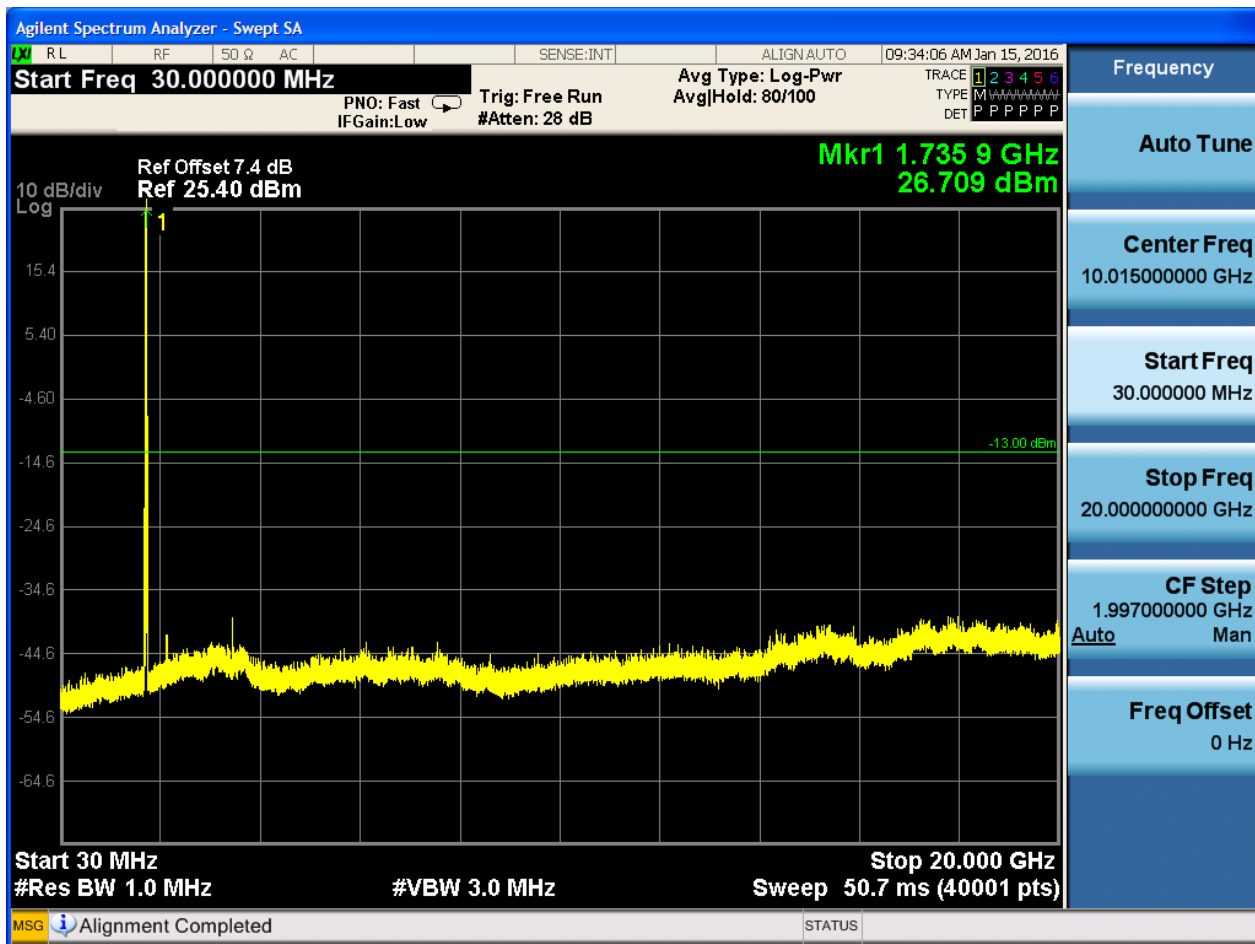


6.1.1.2.6.3 Test Channel = HCH

6.1.1.2.6.3.1 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

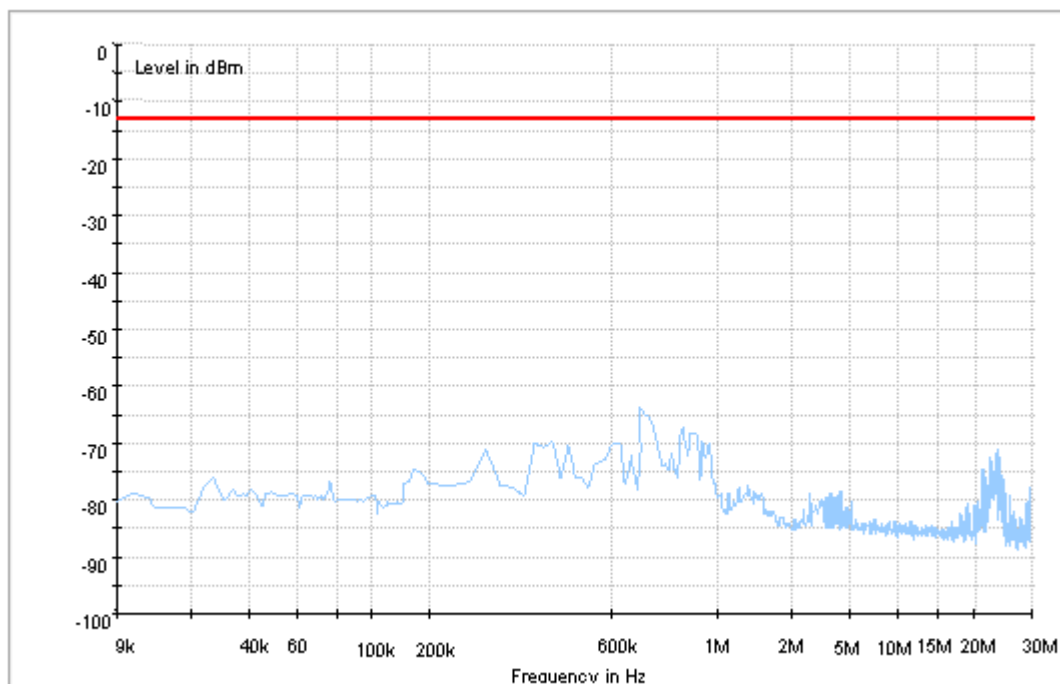
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

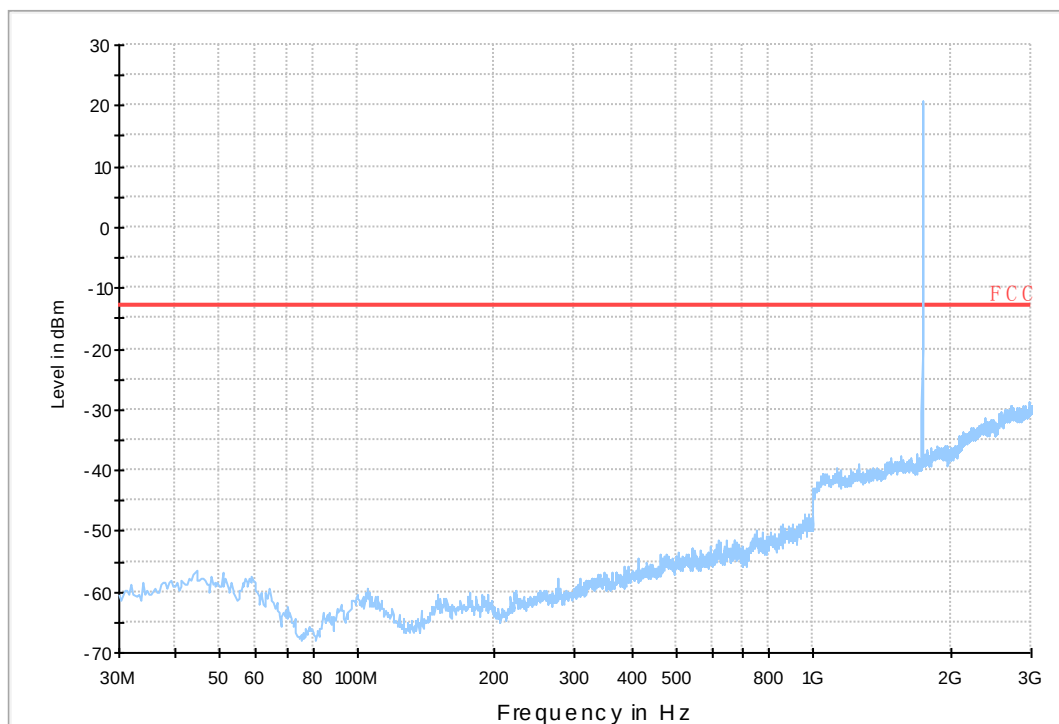
7.1 For LTE

7.1.1 Test Band = BAND4

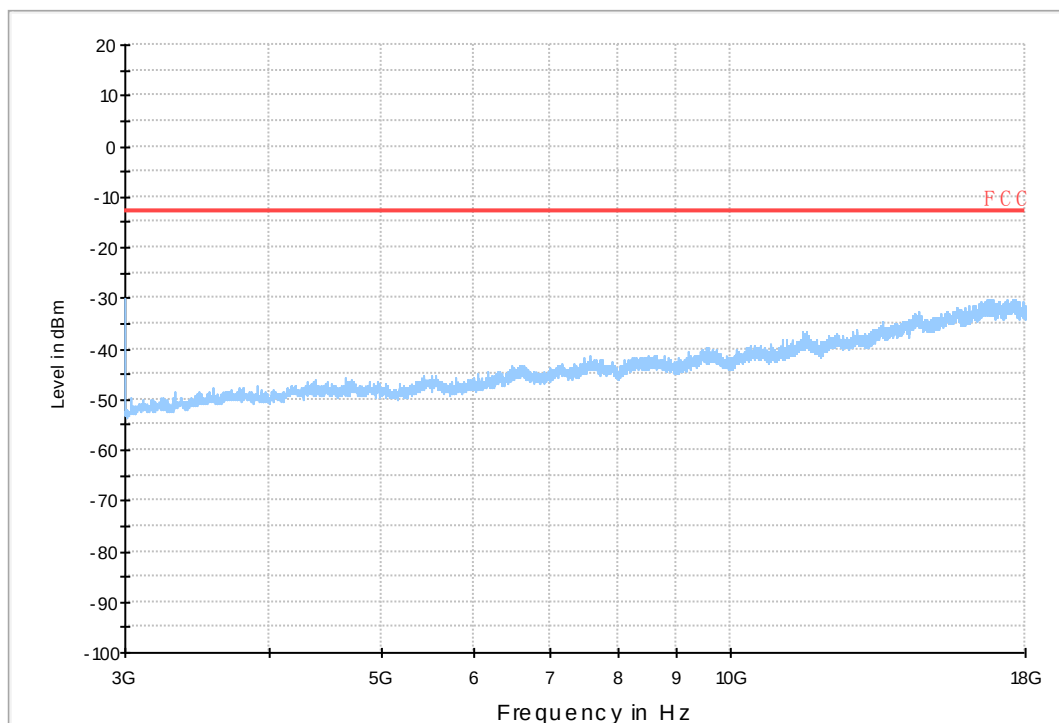
7.1.1.1 Test Bandwidth = 1.4



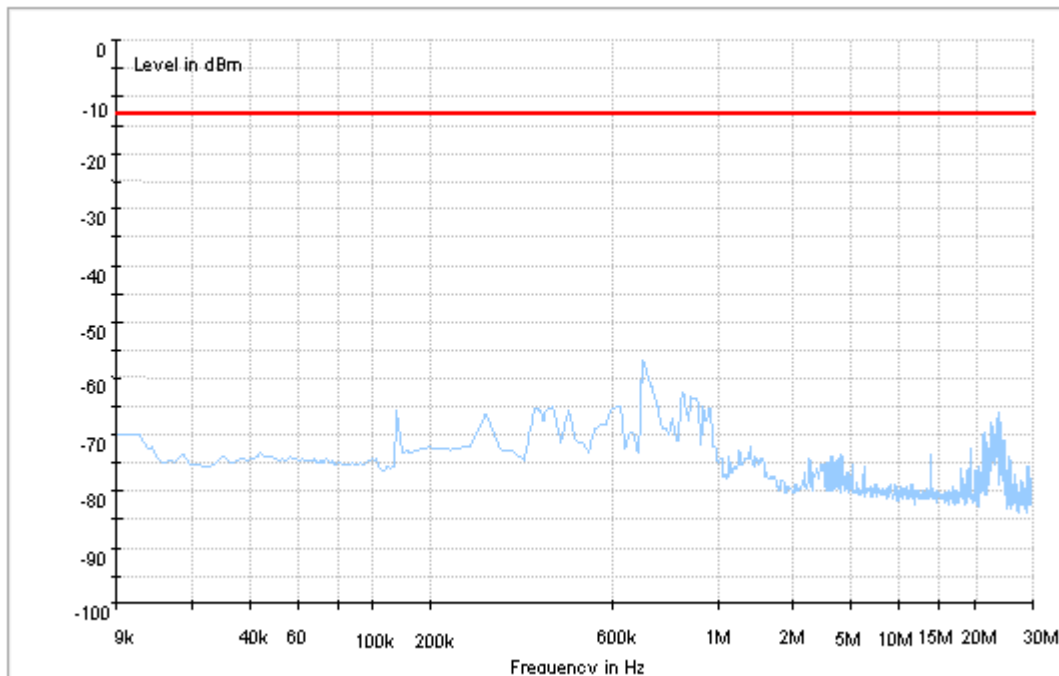
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



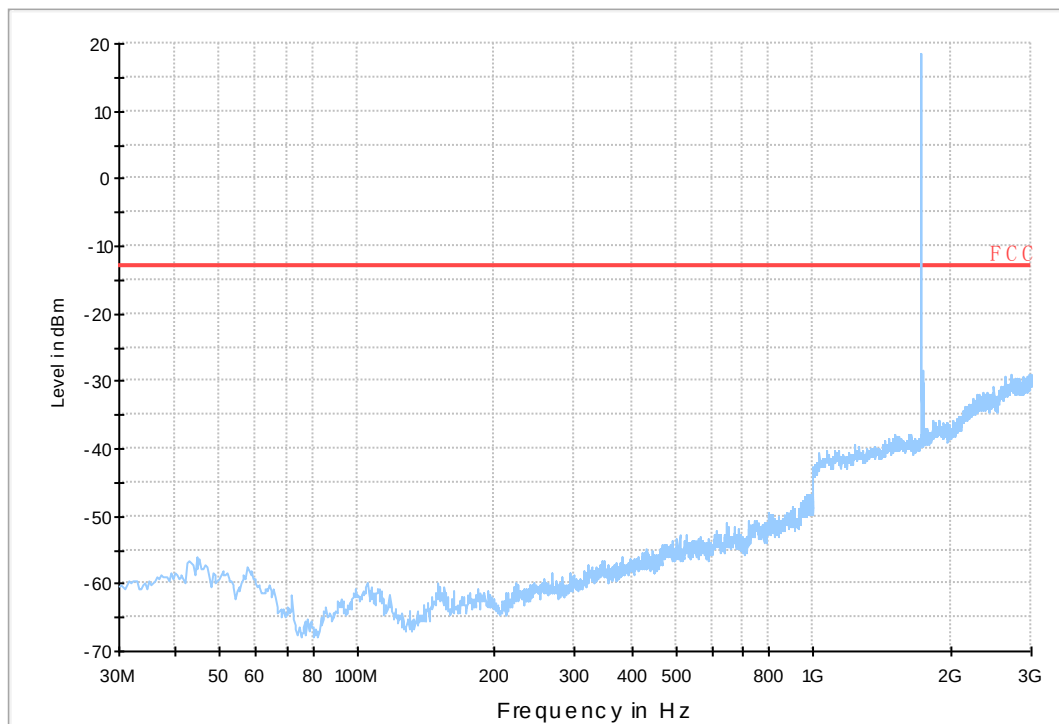
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



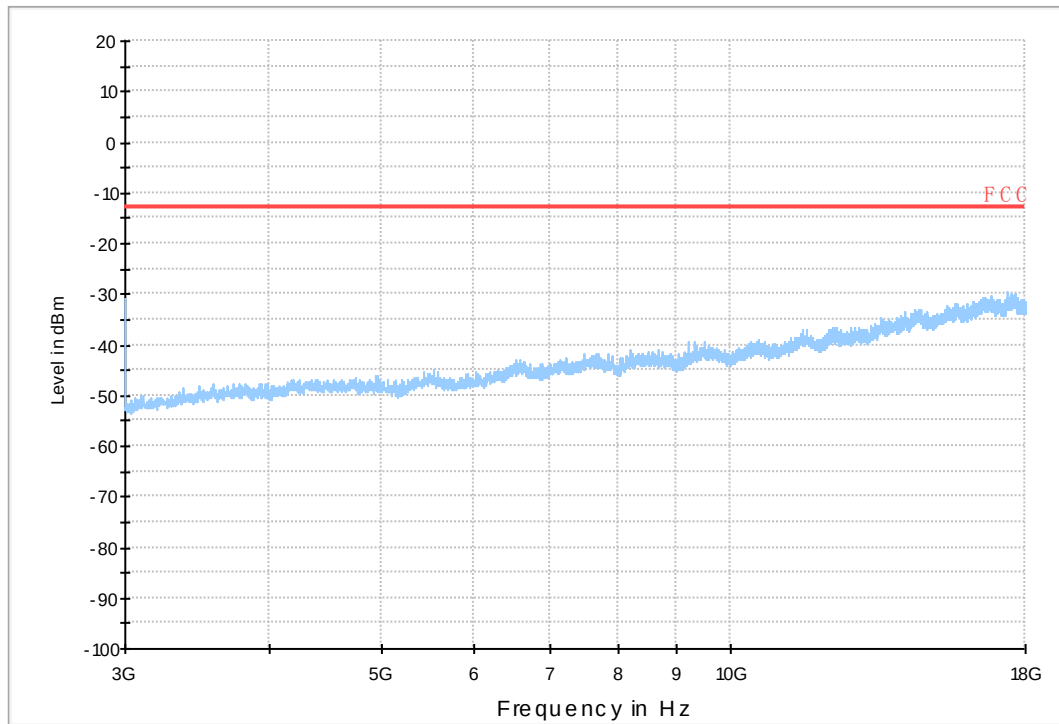
7.1.1.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	TN	VL	-1.07	-0.00063	PASS
					VN	0.33	0.00019	PASS
					VH	0.41	0.00024	PASS
			MCH	TN	VL	0.3	0.00017	PASS
					VN	-0.59	-0.00034	PASS
					VH	0.5	0.00029	PASS
			HCH	TN	VL	-0.84	-0.00048	PASS
					VN	-1.19	-0.00068	PASS
					VH	-0.93	-0.00053	PASS
		3	LCH	TN	VL	-3.39	-0.00198	PASS
					VN	-9.06	-0.00529	PASS
					VH	0.66	0.00039	PASS
			MCH	TN	VL	11.32	0.00653	PASS
					VN	0.96	0.00055	PASS
					VH	0.82	0.00047	PASS
			HCH	TN	VL	-3.88	-0.00221	PASS
					VN	0.72	0.00041	PASS
					VH	0.77	0.00044	PASS
		5	LCH	TN	VL	0.13	0.00008	PASS
					VN	0.33	0.00019	PASS
					VH	-0.49	-0.00029	PASS
			MCH	TN	VL	0.19	0.00011	PASS
					VN	0.72	0.00042	PASS
					VH	0.62	0.00036	PASS
			HCH	TN	VL	-5.21	-0.00297	PASS
					VN	0.99	0.00056	PASS
					VH	-1.49	-0.00085	PASS
		10	LCH	TN	VL	-15.26	-0.0089	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2				VN	-8	-0.00466	PASS
					VH	0.83	0.00048	PASS
			MCH	TN	VL	-8.61	-0.00497	PASS
					VN	-0.9	-0.00052	PASS
					VH	-12.29	-0.00709	PASS
					VL	6.9	0.00394	PASS
			HCH	TN	VN	-1.97	-0.00113	PASS
					VH	-8.33	-0.00476	PASS
		15	LCH	TN	VL	-6.87	-0.004	PASS
					VN	-8.63	-0.00502	PASS
					VH	2.02	0.00118	PASS
			MCH	TN	VL	-11.92	-0.00688	PASS
					VN	-1.99	-0.00115	PASS
					VH	3.2	0.00185	PASS
			HCH	TN	VL	35.1	0.02009	PASS
					VN	-10.79	-0.00617	PASS
					VH	17.97	0.01028	PASS
		20	LCH	TN	VL	-5.49	-0.00319	PASS
					VN	-1.5	-0.00087	PASS
					VH	-11.07	-0.00644	PASS
			MCH	TN	VL	-1.24	-0.00072	PASS
					VN	8.04	0.00464	PASS
					VH	-3.16	-0.00182	PASS
			HCH	TN	VL	10.5	0.00602	PASS
					VN	-5.92	-0.00339	PASS
					VH	-18.44	-0.01057	PASS
		1.4	LCH	TN	VL	0.36	0.00021	PASS
					VN	0.5	0.00029	PASS
					VH	0.16	0.00009	PASS
			MCH	TN	VL	0.09	0.00005	PASS
					VN	0.34	0.0002	PASS
					VH	0.72	0.00042	PASS
			HCH	TN	VL	-0.11	-0.00006	PASS
					VN	0.04	0.00002	PASS
					VH	-0.66	-0.00038	PASS
		3	LCH	TN	VL	-2.19	-0.00128	PASS
					VN	-2.83	-0.00165	PASS
					VH	-19.27	-0.01126	PASS
			MCH	TN	VL	-9.1	-0.00525	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	-19.47	-0.01124	PASS
					VH	-11.94	-0.00689	PASS
					VL	-2.09	-0.00119	PASS
					VN	-6.39	-0.00364	PASS
					VH	2.76	0.00157	PASS
					VL	-0.5	-0.00029	PASS
		5	LCH	TN	VN	-0.41	-0.00024	PASS
					VH	-0.09	-0.00005	PASS
					VL	0.14	0.00008	PASS
			MCH	TN	VN	-0.46	-0.00027	PASS
					VH	-0.2	-0.00012	PASS
					VL	-14.48	-0.00826	PASS
			HCH	TN	VN	0.99	0.00056	PASS
					VH	-1.19	-0.00068	PASS
					VL	-8.53	-0.00497	PASS
		10	LCH	TN	VN	8.98	0.00524	PASS
					VH	-7.47	-0.00436	PASS
					VL	6.32	0.00365	PASS
			MCH	TN	VN	-17.42	-0.01005	PASS
					VH	-4.31	-0.00249	PASS
					VL	-2.6	-0.00149	PASS
			HCH	TN	VN	0.34	0.00019	PASS
					VH	2.39	0.00137	PASS
					VL	4.26	0.00248	PASS
		15	LCH	TN	VN	-2.15	-0.00125	PASS
					VH	5.74	0.00334	PASS
					VL	-19.2	-0.01108	PASS
			MCH	TN	VN	0.27	0.00016	PASS
					VH	-8.9	-0.00514	PASS
					VL	-17.09	-0.00978	PASS
			HCH	TN	VN	1.96	0.00112	PASS
					VH	-18.6	-0.01064	PASS
					VL	3.85	0.00224	PASS
		20	LCH	TN	VN	2.89	0.00168	PASS
					VH	-1.56	-0.00091	PASS
					VL	-0.03	-0.00002	PASS
			MCH	TN	VN	7.35	0.00424	PASS
					VH	4.65	0.00268	PASS
					VL	0.94	0.00054	PASS
			HCH	TN	VL	0.94	0.00054	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-3.52	-0.00202	PASS
					VH	-0.07	-0.00004	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	-1.23	-0.00072	PASS
					-20	-0.63	-0.00037	PASS
					-10	-0.51	-0.0003	PASS
					0	-0.46	-0.00027	PASS
					10	-0.66	-0.00039	PASS
					20	0.46	0.00027	PASS
					30	0.76	0.00044	PASS
					40	0.44	0.00026	PASS
					50	-0.14	-0.00008	PASS
			MCH	VN	-30	-0.14	-0.00008	PASS
					-20	0.3	0.00017	PASS
					-10	0.31	0.00018	PASS
					0	-0.03	-0.00002	PASS
					10	-0.01	-0.00001	PASS
					20	0.57	0.00033	PASS
					30	0.69	0.0004	PASS
					40	0.87	0.0005	PASS
					50	-0.01	-0.00001	PASS
			HCH	VN	-30	-0.4	-0.00023	PASS
					-20	-0.74	-0.00042	PASS
					-10	-1.19	-0.00068	PASS
					0	-0.89	-0.00051	PASS
					10	-0.9	-0.00051	PASS
					20	-2.06	-0.00117	PASS
					30	-1.4	-0.0008	PASS
					40	-1.66	-0.00095	PASS
					50	-1.2	-0.00068	PASS
		3	LCH	VN	-30	-12.63	-0.00738	PASS
					-20	14.48	0.00846	PASS
					-10	0.24	0.00014	PASS
					0	1.42	0.00083	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-7.9	-0.00462	PASS
					20	-6.84	-0.004	PASS
					30	-8.37	-0.00489	PASS
					40	0.63	0.00037	PASS
					50	2.89	0.00169	PASS
			MCH	VN	-30	-10.16	-0.00586	PASS
					-20	0.34	0.0002	PASS
					-10	0.74	0.00043	PASS
					0	0.82	0.00047	PASS
					10	0.33	0.00019	PASS
					20	-5.76	-0.00332	PASS
					30	-14.93	-0.00862	PASS
					40	0.64	0.00037	PASS
					50	0.41	0.00024	PASS
			HCH	VN	-30	3.85	0.0022	PASS
					-20	0.54	0.00031	PASS
					-10	-4.36	-0.00249	PASS
					0	3.19	0.00182	PASS
					10	-2.79	-0.00159	PASS
					20	-16.16	-0.00922	PASS
					30	-1.75	-0.001	PASS
					40	0.24	0.00014	PASS
					50	-8.61	-0.00491	PASS
		5	LCH	VN	-30	0.09	0.00005	PASS
					-20	0.21	0.00012	PASS
					-10	-9.64	-0.00563	PASS
					0	-0.16	-0.00009	PASS
					10	-0.13	-0.00008	PASS
					20	0.04	0.00002	PASS
					30	0.41	0.00024	PASS
					40	-0.86	-0.0005	PASS
					50	0.29	0.00017	PASS
			MCH	VN	-30	0.34	0.0002	PASS
					-20	0.46	0.00027	PASS
					-10	0.46	0.00027	PASS
					0	0.73	0.00042	PASS
					10	0.19	0.00011	PASS
					20	0.07	0.00004	PASS
					30	-0.73	-0.00042	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.46	0.00027	PASS
					50	0.36	0.00021	PASS
			HCH	VN	-30	-6.39	-0.00365	PASS
					-20	-3.18	-0.00181	PASS
					-10	-0.46	-0.00026	PASS
					0	-7.52	-0.00429	PASS
					10	-1.42	-0.00081	PASS
					20	-1.06	-0.0006	PASS
					30	-0.34	-0.00019	PASS
					40	1.09	0.00062	PASS
					50	-8.24	-0.0047	PASS
		10	LCH	VN	-30	-9.08	-0.00529	PASS
					-20	1.34	0.00078	PASS
					-10	-17.34	-0.01011	PASS
					0	-3.72	-0.00217	PASS
					10	-1.5	-0.00087	PASS
					20	-4.72	-0.00275	PASS
					30	1.37	0.0008	PASS
					40	3.78	0.0022	PASS
					50	2.12	0.00124	PASS
			MCH	VN	-30	10.24	0.00591	PASS
					-20	-2.99	-0.00173	PASS
					-10	-6.47	-0.00373	PASS
					0	0.8	0.00046	PASS
					10	4.99	0.00288	PASS
					20	-0.82	-0.00047	PASS
					30	-8.8	-0.00508	PASS
					40	-3.69	-0.00213	PASS
					50	10.04	0.0058	PASS
			HCH	VN	-30	5.39	0.00308	PASS
					-20	-2.65	-0.00151	PASS
					-10	-0.57	-0.00033	PASS
					0	-0.3	-0.00017	PASS
					10	3.12	0.00178	PASS
					20	-5.48	-0.00313	PASS
					30	-6.28	-0.00359	PASS
					40	-3	-0.00171	PASS
					50	-5.38	-0.00307	PASS
		15	LCH	VN	-30	-6.27	-0.00365	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-12.93	-0.00753	PASS
					-10	-9.13	-0.00532	PASS
					0	-9.37	-0.00546	PASS
					10	-4.09	-0.00238	PASS
					20	-6.82	-0.00397	PASS
					30	5.54	0.00323	PASS
					40	-1.06	-0.00062	PASS
					50	-2.02	-0.00118	PASS
			MCH	VN	-30	-4.99	-0.00288	PASS
					-20	3.72	0.00215	PASS
					-10	-5.48	-0.00316	PASS
					0	-4.53	-0.00261	PASS
					10	-3.19	-0.00184	PASS
					20	-2.39	-0.00138	PASS
					30	-7.28	-0.0042	PASS
					40	4.28	0.00247	PASS
					50	-7.1	-0.0041	PASS
			HCH	VN	-30	-6.77	-0.00387	PASS
					-20	16.21	0.00928	PASS
					-10	-7.2	-0.00412	PASS
					0	-20.87	-0.01194	PASS
					10	13.2	0.00755	PASS
					20	23.63	0.01352	PASS
					30	59.6	0.03411	PASS
					40	32.17	0.01841	PASS
					50	51.71	0.02959	PASS
		20	LCH	VN	-30	-2.88	-0.00167	PASS
					-20	1.19	0.00069	PASS
					-10	-3.88	-0.00226	PASS
					0	-7.32	-0.00426	PASS
					10	-4.06	-0.00236	PASS
					20	-5.66	-0.00329	PASS
					30	-5.52	-0.00321	PASS
					40	-3.32	-0.00193	PASS
					50	-7.77	-0.00452	PASS
			MCH	VN	-30	2.93	0.00169	PASS
					-20	-1.77	-0.00102	PASS
					-10	-7.02	-0.00405	PASS
					0	6.27	0.00362	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-5.52	-0.00319	PASS
					20	-5.58	-0.00322	PASS
					30	-0.82	-0.00047	PASS
					40	-10.26	-0.00592	PASS
					50	-1.59	-0.00092	PASS
			HCH	VN	-30	-16.74	-0.00959	PASS
					-20	10.47	0.006	PASS
					-10	-2.65	-0.00152	PASS
					0	-5.66	-0.00324	PASS
					10	-11.54	-0.00661	PASS
					20	9.4	0.00539	PASS
					30	-0.77	-0.00044	PASS
					40	-16.29	-0.00934	PASS
					50	-18.14	-0.0104	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.39	-0.00023	PASS
					-20	-0.83	-0.00049	PASS
					-10	-0.69	-0.0004	PASS
					0	-0.03	-0.00002	PASS
					10	0.41	0.00024	PASS
					20	0.79	0.00046	PASS
					30	0.09	0.00005	PASS
					40	0.39	0.00023	PASS
					50	0.84	0.00049	PASS
			MCH	VN	-30	0.57	0.00033	PASS
					-20	0.01	0.00001	PASS
					-10	0.5	0.00029	PASS
					0	0.56	0.00032	PASS
					10	0.96	0.00055	PASS
					20	0.62	0.00036	PASS
					30	0.47	0.00027	PASS
					40	0.92	0.00053	PASS
					50	0.66	0.00038	PASS
			HCH	VN	-30	-1.06	-0.0006	PASS
					-20	-1.39	-0.00079	PASS
					-10	-0.83	-0.00047	PASS
					0	-1.3	-0.00074	PASS
					10	-0.82	-0.00047	PASS
					20	-0.74	-0.00042	PASS
					30	-0.64	-0.00036	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.79	-0.00045	PASS
					50	-1.16	-0.00066	PASS
		3	LCH	VN	-30	6.78	0.00396	PASS
					-20	-18.32	-0.0107	PASS
					-10	-12.83	-0.0075	PASS
					0	-13.93	-0.00814	PASS
					10	23.99	0.01402	PASS
					20	30.41	0.01777	PASS
					30	-5.85	-0.00342	PASS
					40	-9.96	-0.00582	PASS
					50	-5.87	-0.00343	PASS
			MCH	VN	-30	0.83	0.00048	PASS
					-20	-10.27	-0.00593	PASS
					-10	0.16	0.00009	PASS
					0	0.44	0.00025	PASS
					10	-1.19	-0.00069	PASS
					20	0.54	0.00031	PASS
					30	-0.07	-0.00004	PASS
					40	0.57	0.00033	PASS
					50	0.4	0.00023	PASS
			HCH	VN	-30	1.33	0.00076	PASS
					-20	-2.47	-0.00141	PASS
					-10	0.76	0.00043	PASS
					0	-7.02	-0.004	PASS
					10	4.63	0.00264	PASS
					20	-1.43	-0.00082	PASS
					30	3.62	0.00206	PASS
					40	-11.19	-0.00638	PASS
					50	1.59	0.00091	PASS
		5	LCH	VN	-30	-0.41	-0.00024	PASS
					-20	-0.06	-0.00004	PASS
					-10	-0.23	-0.00013	PASS
					0	0.47	0.00027	PASS
					10	-0.03	-0.00002	PASS
					20	0.2	0.00012	PASS
					30	0.29	0.00017	PASS
					40	-0.29	-0.00017	PASS
					50	0.31	0.00018	PASS
			MCH	VN	-30	-0.63	-0.00036	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.43	-0.00025	PASS
					-10	-0.34	-0.0002	PASS
					0	0.21	0.00012	PASS
					10	-0.23	-0.00013	PASS
					20	-0.54	-0.00031	PASS
					30	-0.37	-0.00021	PASS
					40	-0.3	-0.00017	PASS
					50	0.09	0.00005	PASS
			HCH	VN	-30	-1.06	-0.0006	PASS
					-20	-1.12	-0.00064	PASS
					-10	-0.82	-0.00047	PASS
					0	-1.29	-0.00074	PASS
					10	-0.79	-0.00045	PASS
					20	-0.96	-0.00055	PASS
					30	-0.62	-0.00035	PASS
					40	0.59	0.00034	PASS
					50	-0.57	-0.00033	PASS
		10	LCH	VN	-30	-15.96	-0.00931	PASS
					-20	-2.96	-0.00173	PASS
					-10	-11.53	-0.00672	PASS
					0	-3.52	-0.00205	PASS
					10	4.05	0.00236	PASS
					20	-8.44	-0.00492	PASS
					30	-8.88	-0.00518	PASS
					40	4.55	0.00265	PASS
					50	-8.64	-0.00504	PASS
			MCH	VN	-30	3.6	0.00208	PASS
					-20	-7.18	-0.00414	PASS
					-10	-3.38	-0.00195	PASS
					0	4.69	0.00271	PASS
					10	-16.09	-0.00929	PASS
					20	-13.36	-0.00771	PASS
					30	-9.01	-0.0052	PASS
					40	-8.91	-0.00514	PASS
					50	-6.57	-0.00379	PASS
			HCH	VN	-30	1.62	0.00093	PASS
					-20	-0.6	-0.00034	PASS
					-10	-4.76	-0.00272	PASS
					0	0.29	0.00017	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.3	-0.00074	PASS
					20	4.66	0.00266	PASS
					30	3.09	0.00177	PASS
					40	-2.2	-0.00126	PASS
					50	-0.83	-0.00047	PASS
		15	LCH	VN	-30	1.96	0.00114	PASS
					-20	-0.76	-0.00044	PASS
					-10	-6.44	-0.00375	PASS
					0	6.55	0.00381	PASS
					10	-7.64	-0.00445	PASS
					20	3.73	0.00217	PASS
					30	2.3	0.00134	PASS
					40	-3.39	-0.00197	PASS
					50	-3.46	-0.00201	PASS
			MCH	VN	-30	-3.93	-0.00227	PASS
					-20	-0.92	-0.00053	PASS
					-10	-0.53	-0.00031	PASS
					0	-2.55	-0.00147	PASS
					10	1.63	0.00094	PASS
					20	-3.65	-0.00211	PASS
					30	-1.86	-0.00107	PASS
					40	0.86	0.0005	PASS
					50	-1.86	-0.00107	PASS
			HCH	VN	-30	-1.53	-0.00088	PASS
					-20	0.94	0.00054	PASS
					-10	-6.21	-0.00355	PASS
					0	-10.6	-0.00607	PASS
					10	7.31	0.00418	PASS
					20	-19.27	-0.01103	PASS
					30	-29.43	-0.01684	PASS
					40	-28.28	-0.01618	PASS
					50	5.54	0.00317	PASS
		20	LCH	VN	-30	4.51	0.00262	PASS
					-20	2.03	0.00118	PASS
					-10	-5.49	-0.00319	PASS
					0	-0.93	-0.00054	PASS
					10	-5.31	-0.00309	PASS
					20	-1.8	-0.00105	PASS
					30	-0.39	-0.00023	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Tem.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-3.43	-0.00199	PASS
					50	-1.8	-0.00105	PASS
			MCH	VN	-30	-2.96	-0.00171	PASS
					-20	-3.1	-0.00179	PASS
					-10	1.14	0.00066	PASS
					0	-2.47	-0.00143	PASS
					10	-1.16	-0.00067	PASS
					20	-1.7	-0.00098	PASS
					30	-5.29	-0.00305	PASS
					40	-2.9	-0.00167	PASS
					50	-0.39	-0.00023	PASS
			HCH	VN	-30	6.39	0.00366	PASS
					-20	-2.99	-0.00171	PASS
					-10	3.58	0.00205	PASS
					0	-12.3	-0.00705	PASS
					10	-10.47	-0.006	PASS
					20	12.1	0.00693	PASS
					30	12.67	0.00726	PASS
					40	0.1	0.00006	PASS
					50	-6.94	-0.00398	PASS

END