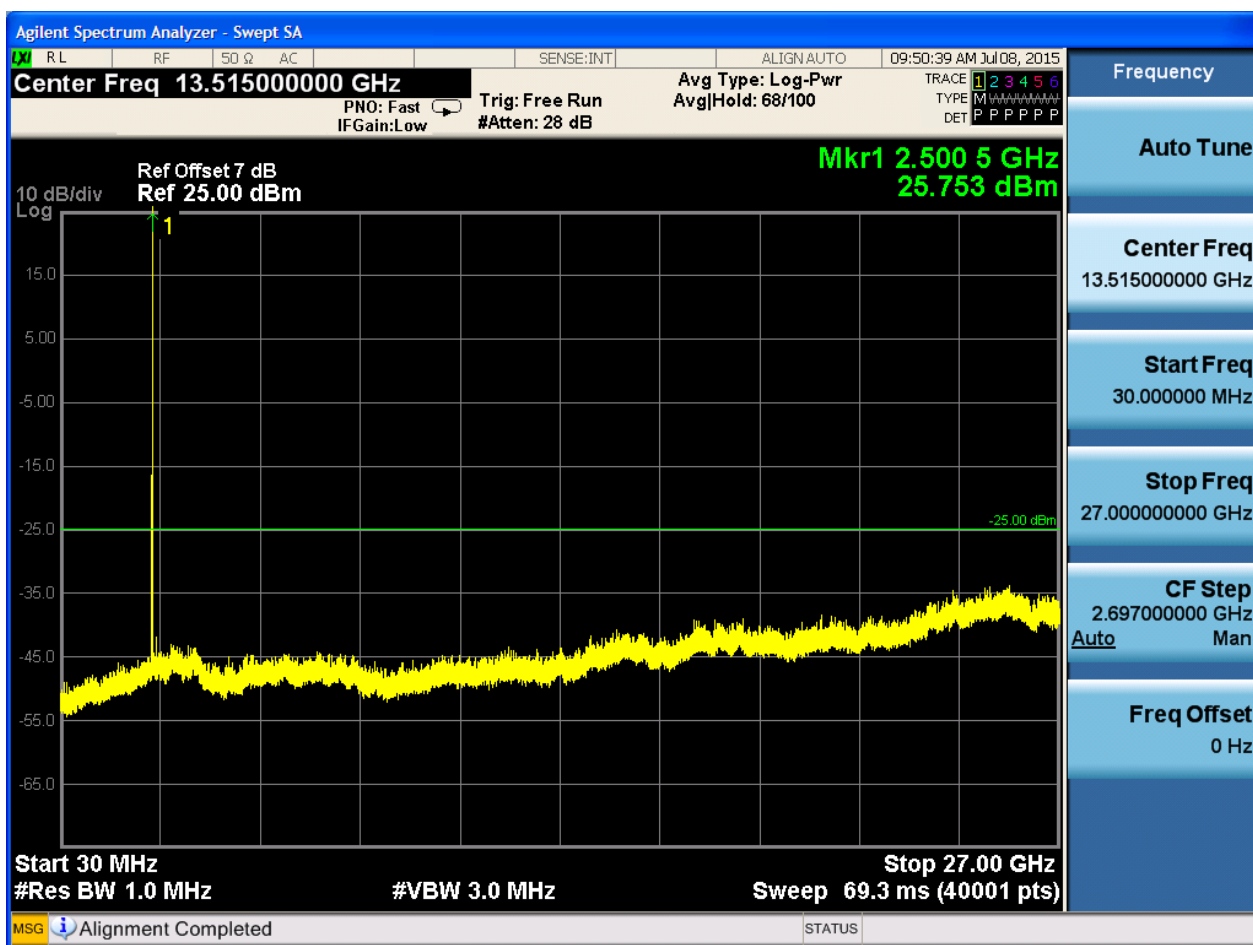
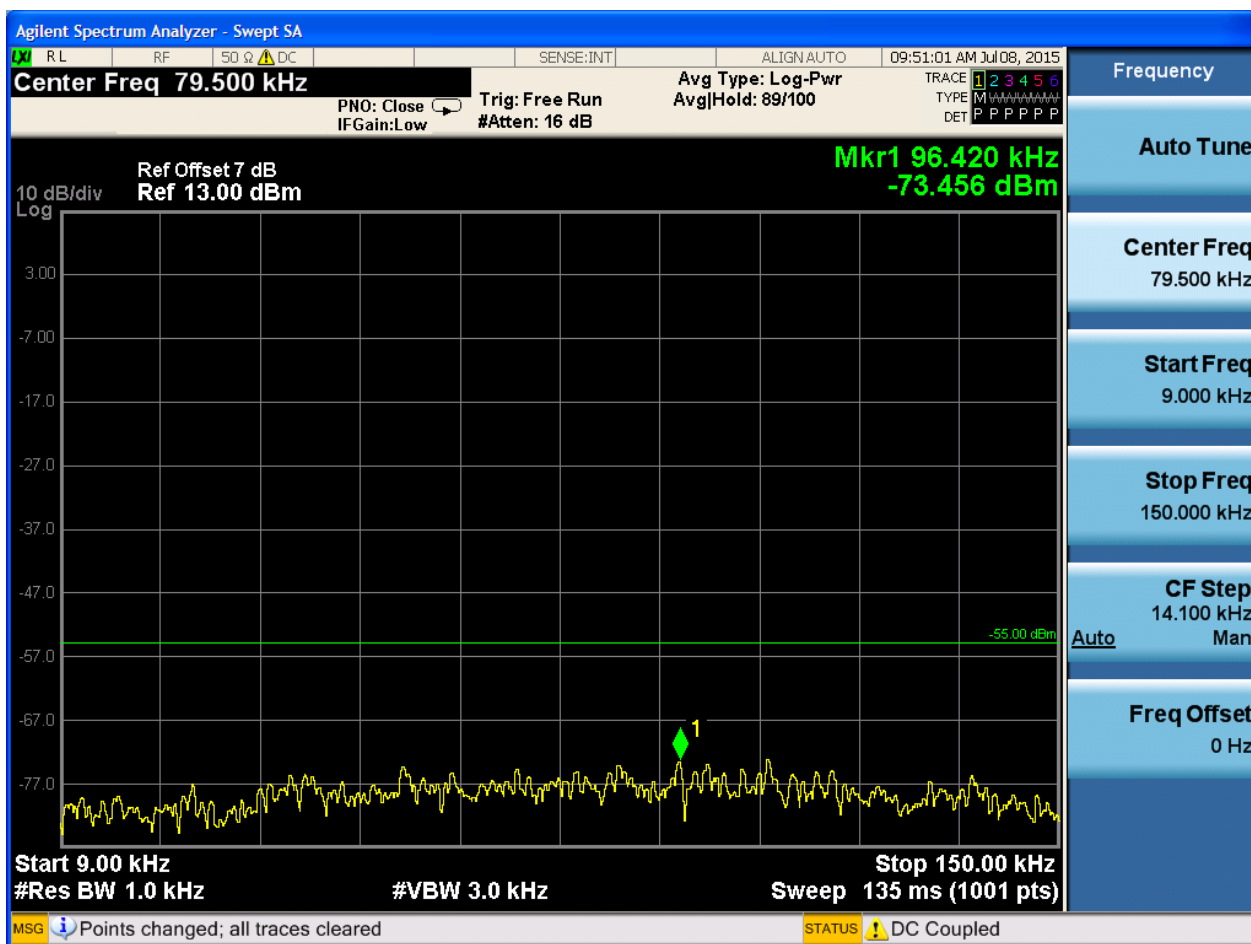


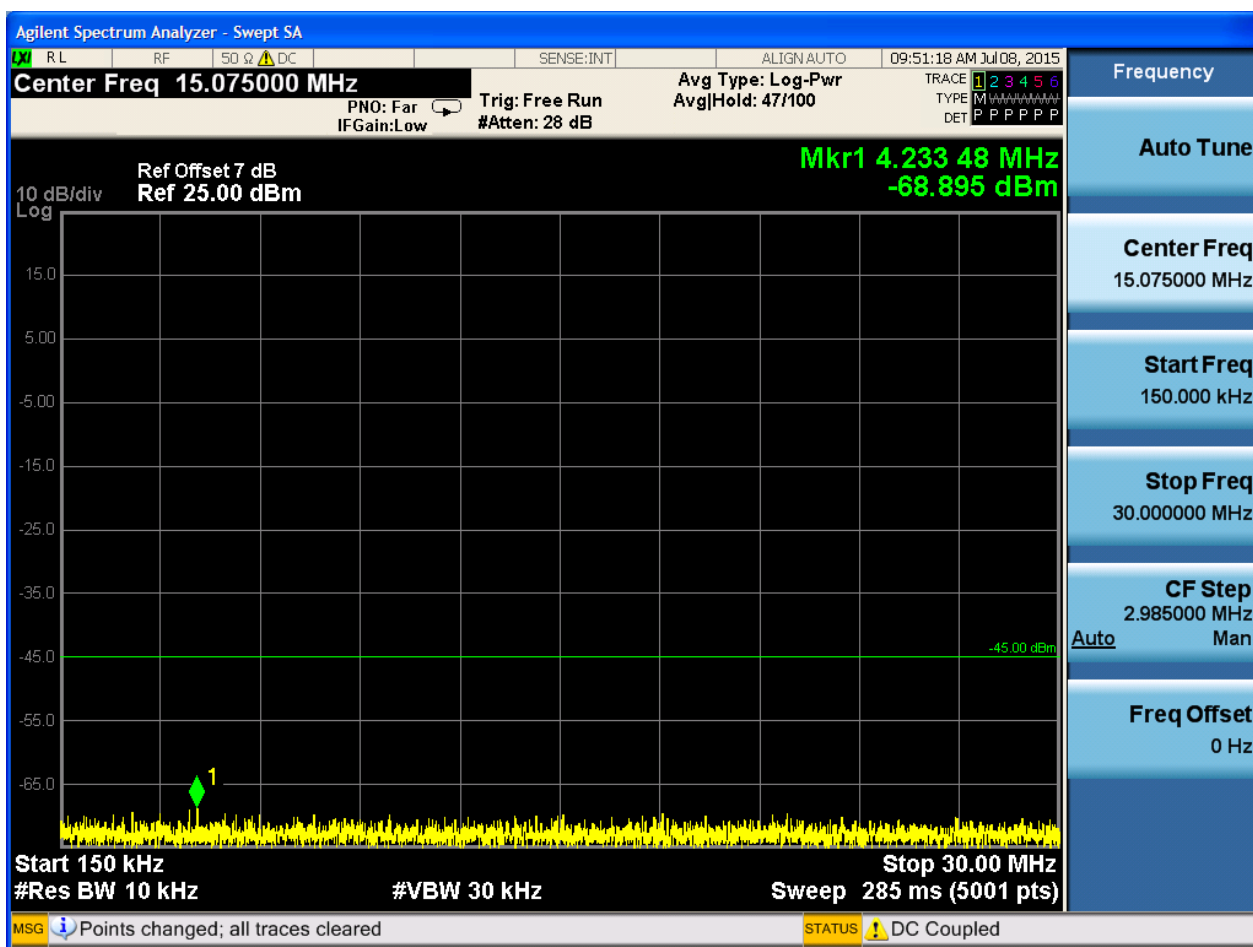




6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



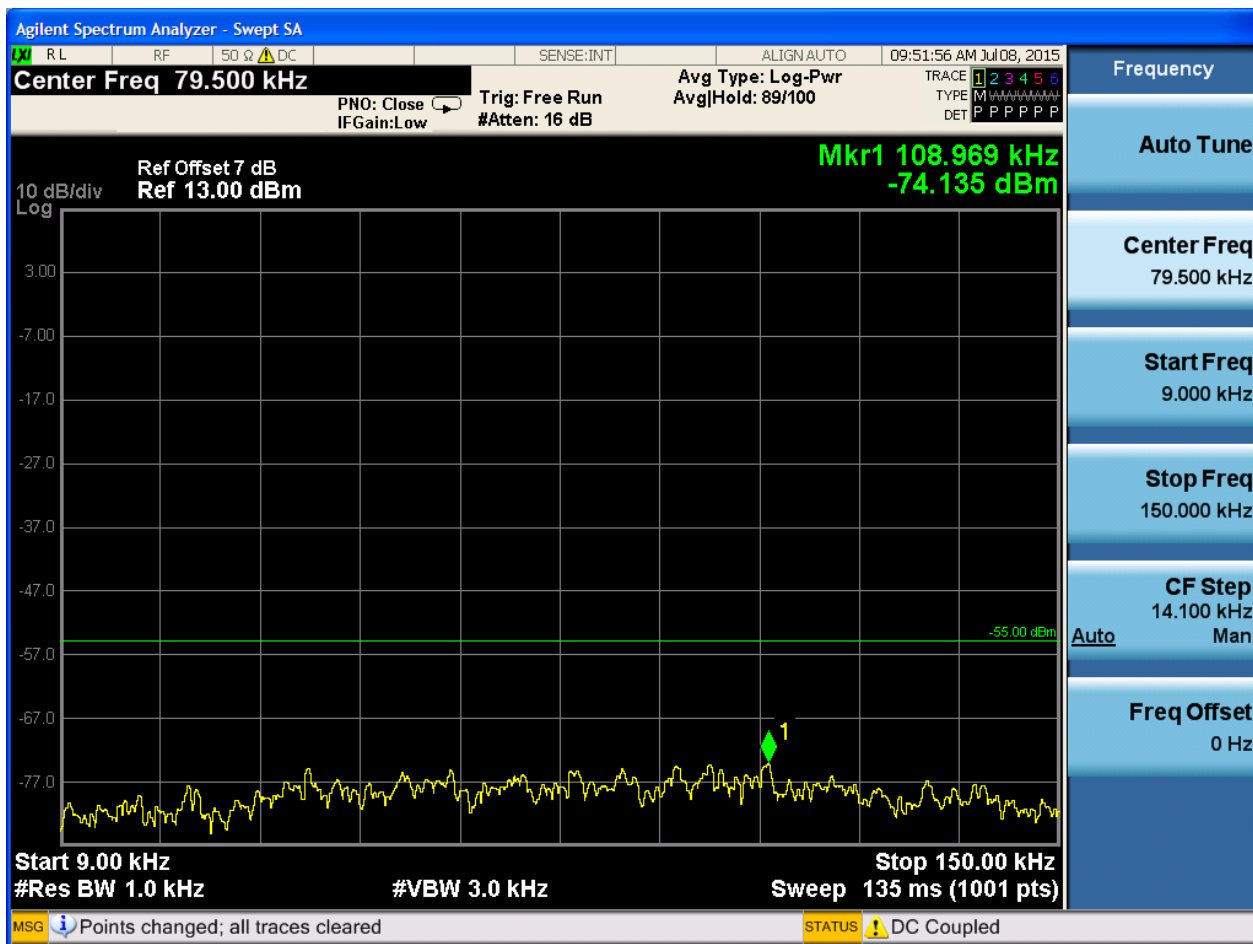


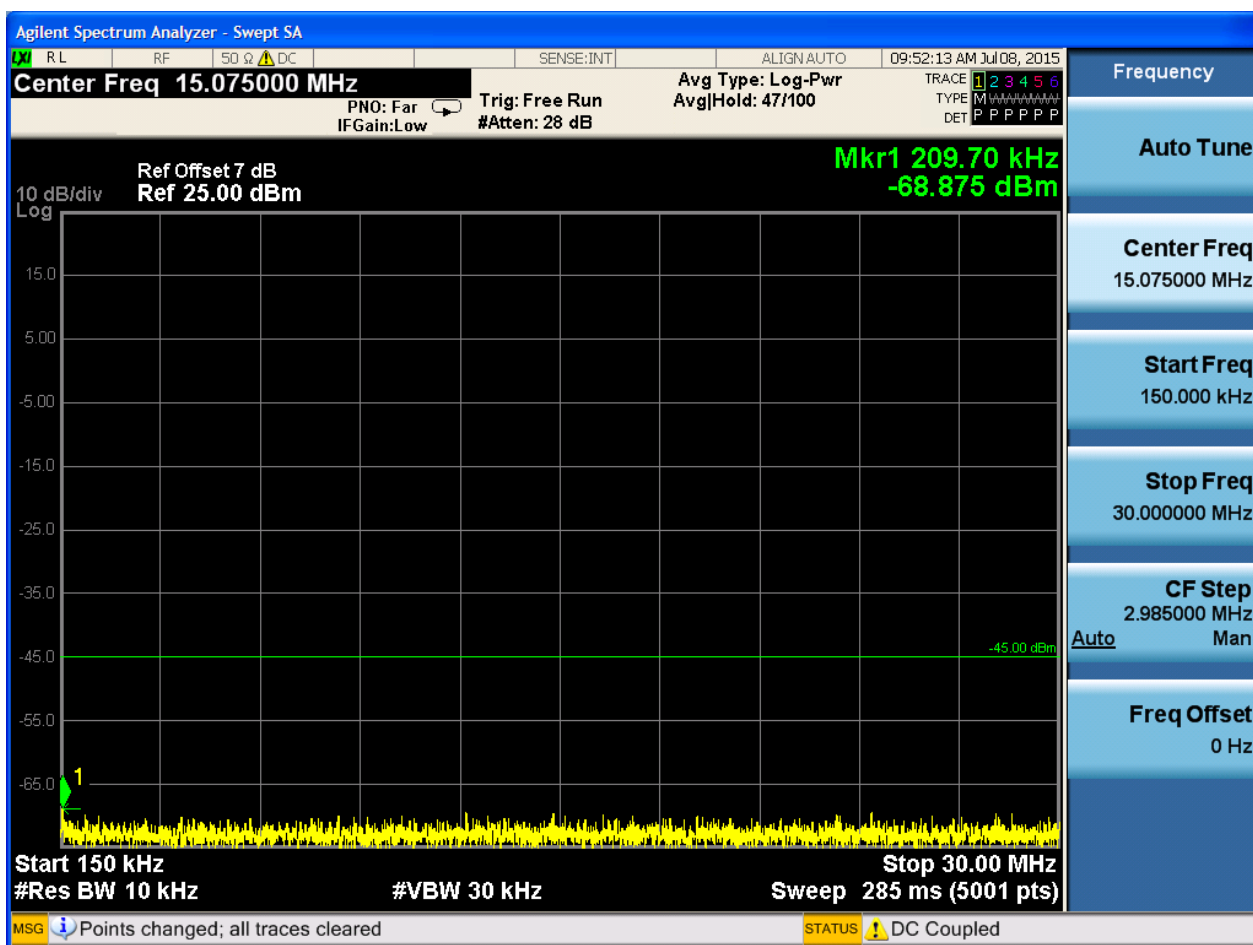


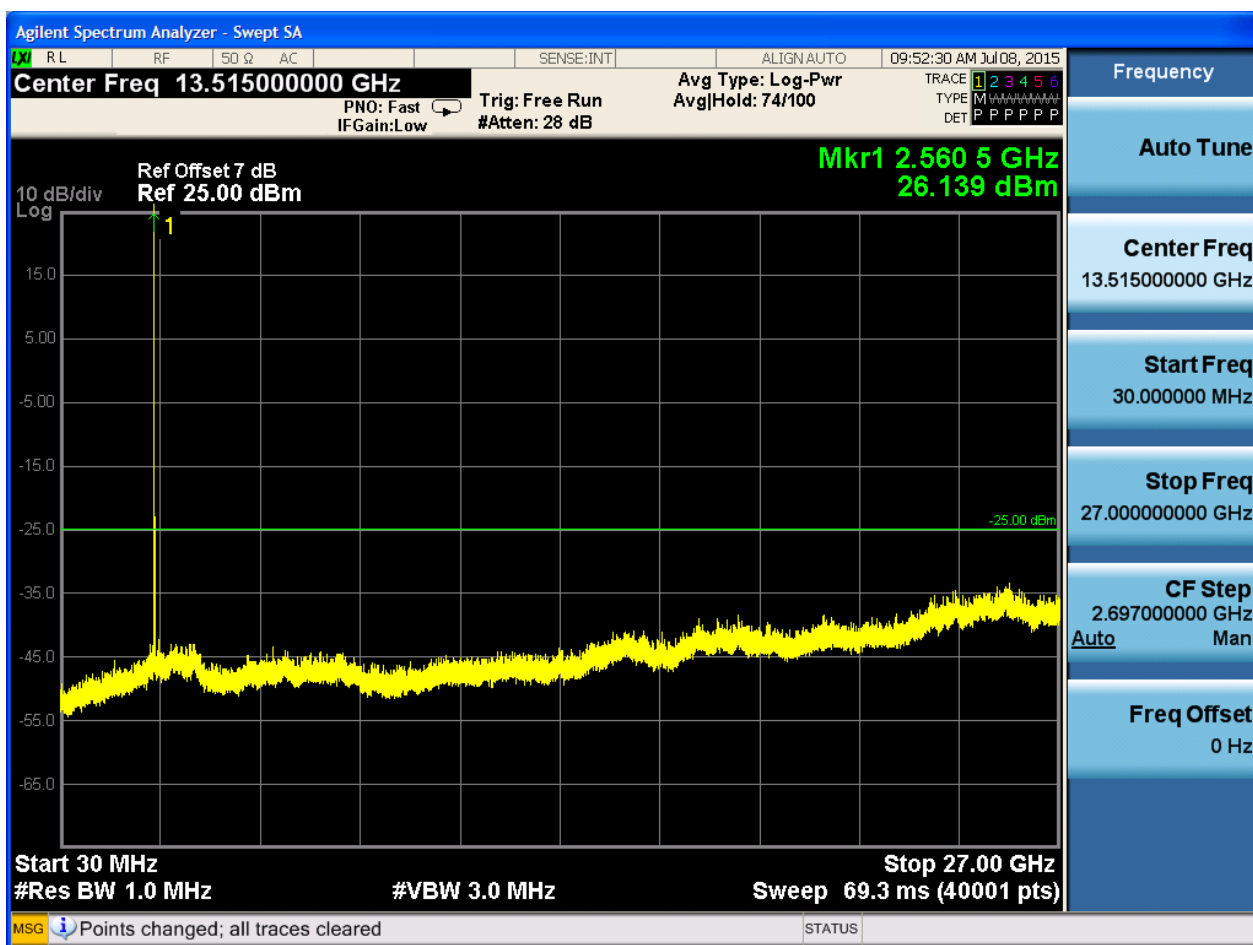


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





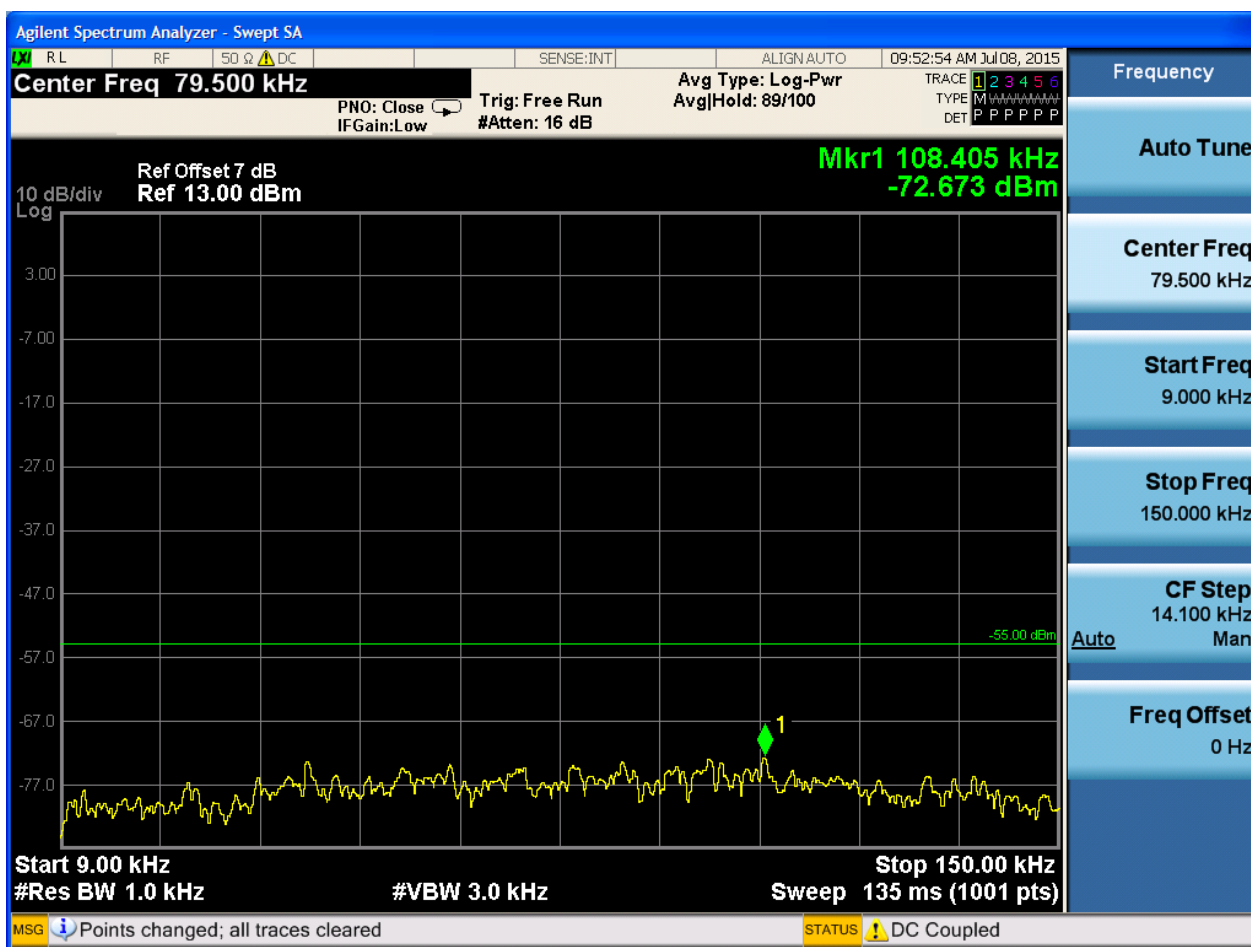


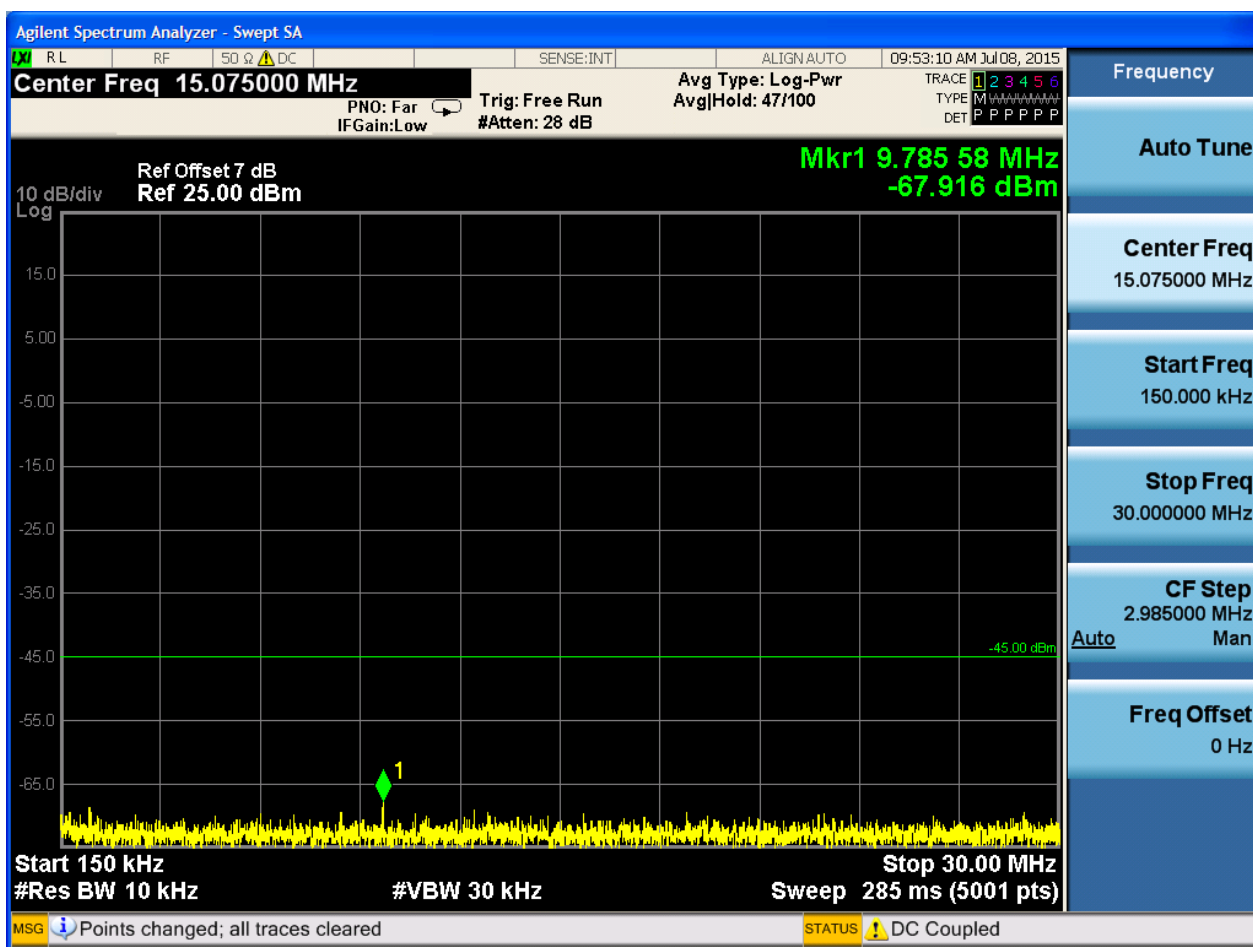


6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0

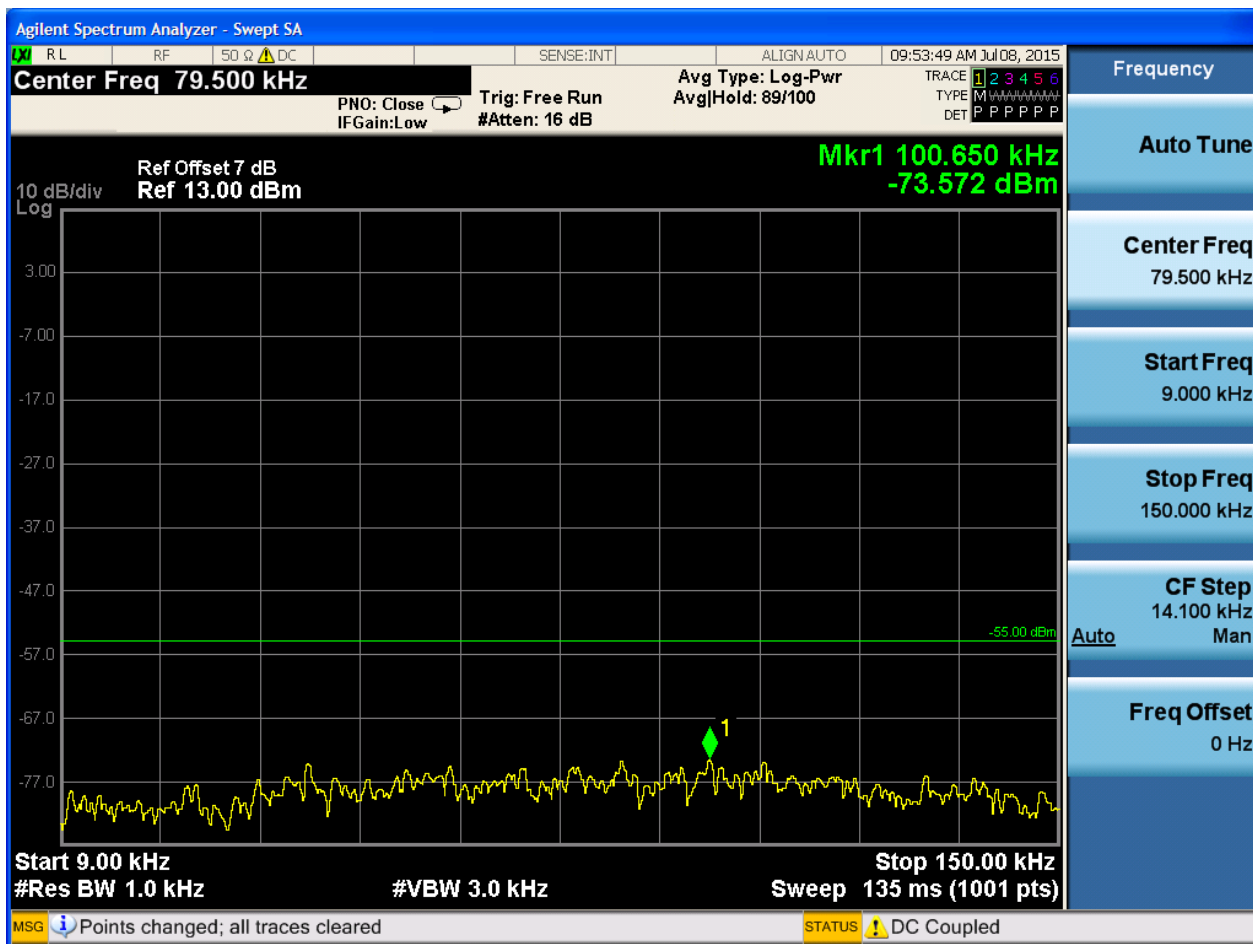


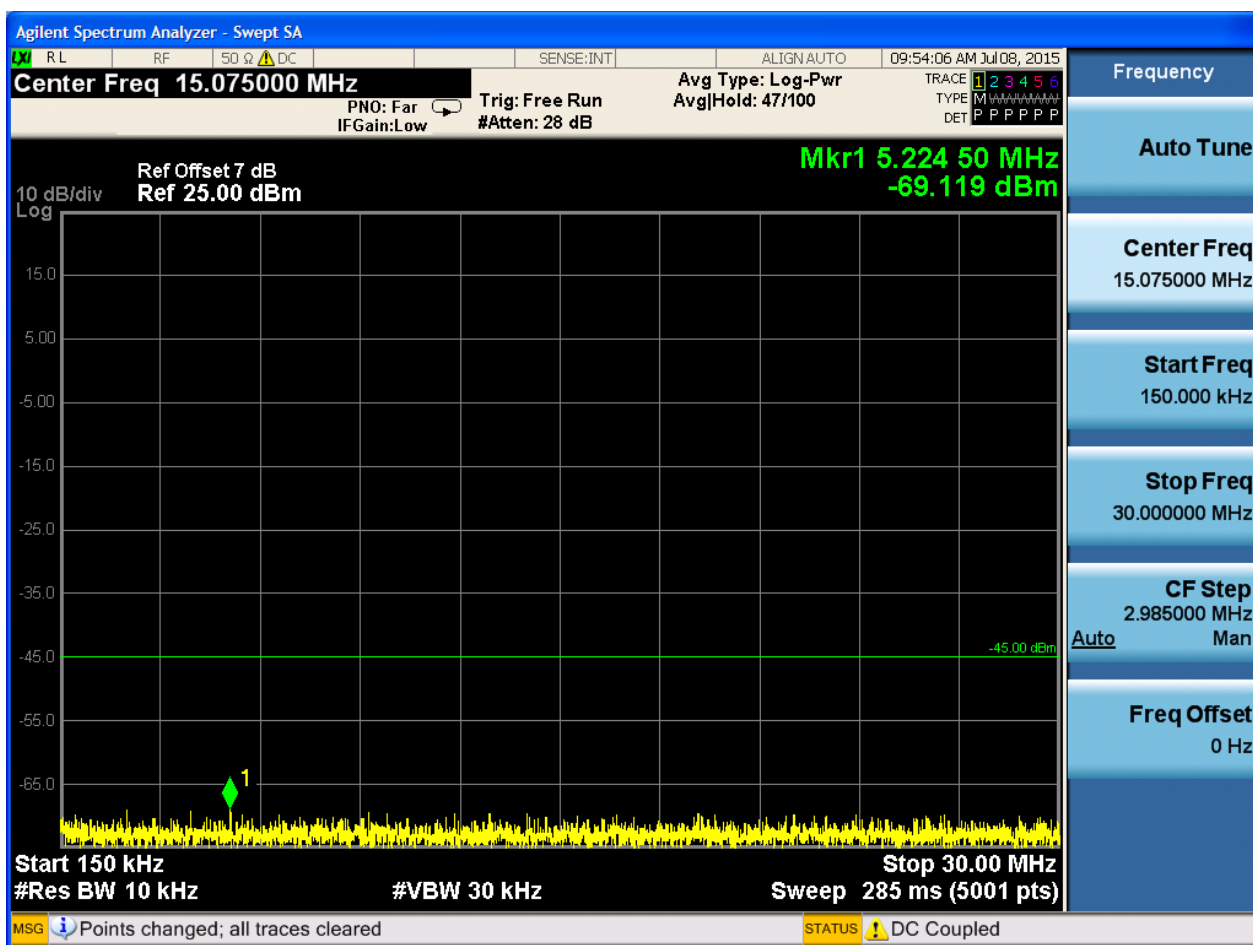


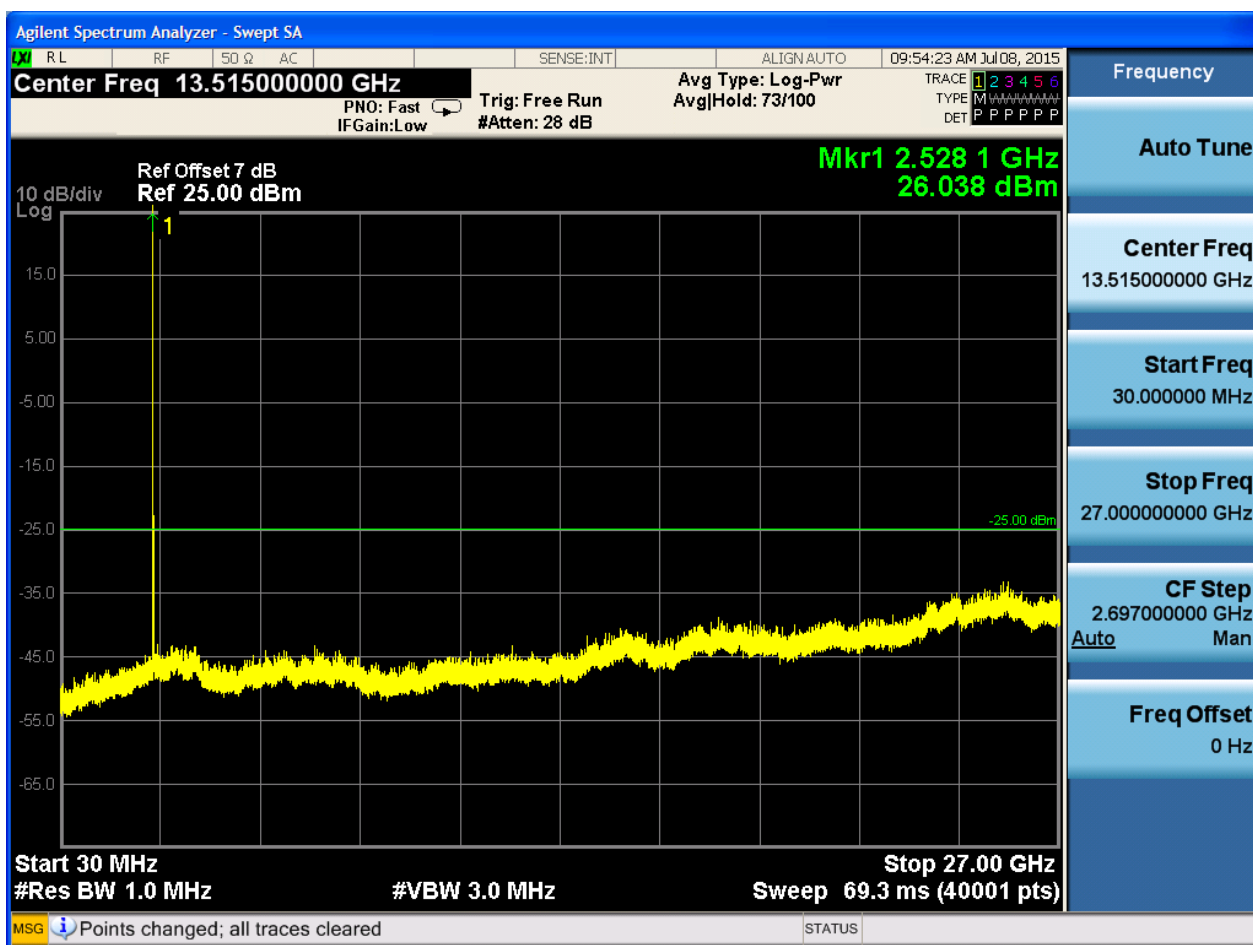


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0



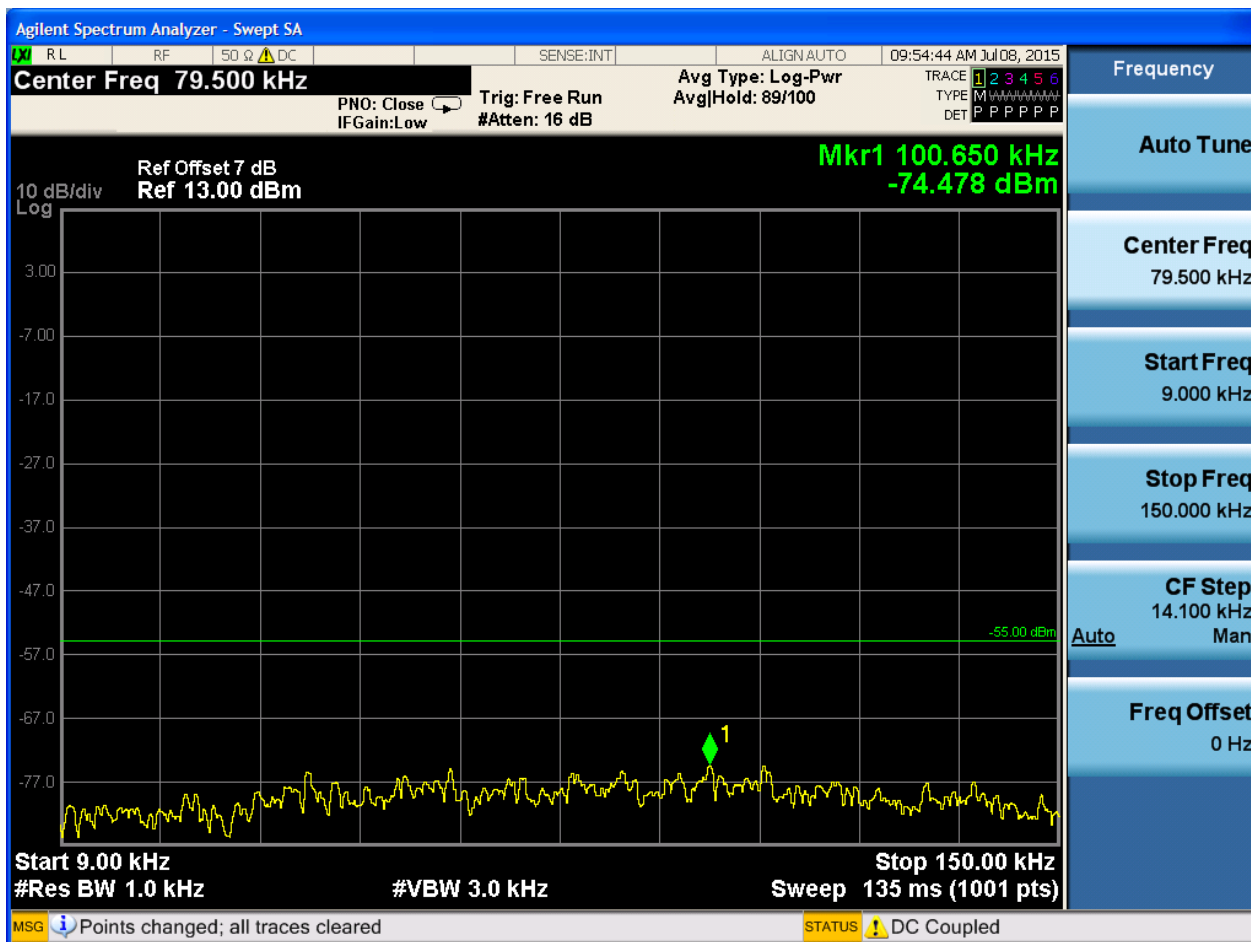


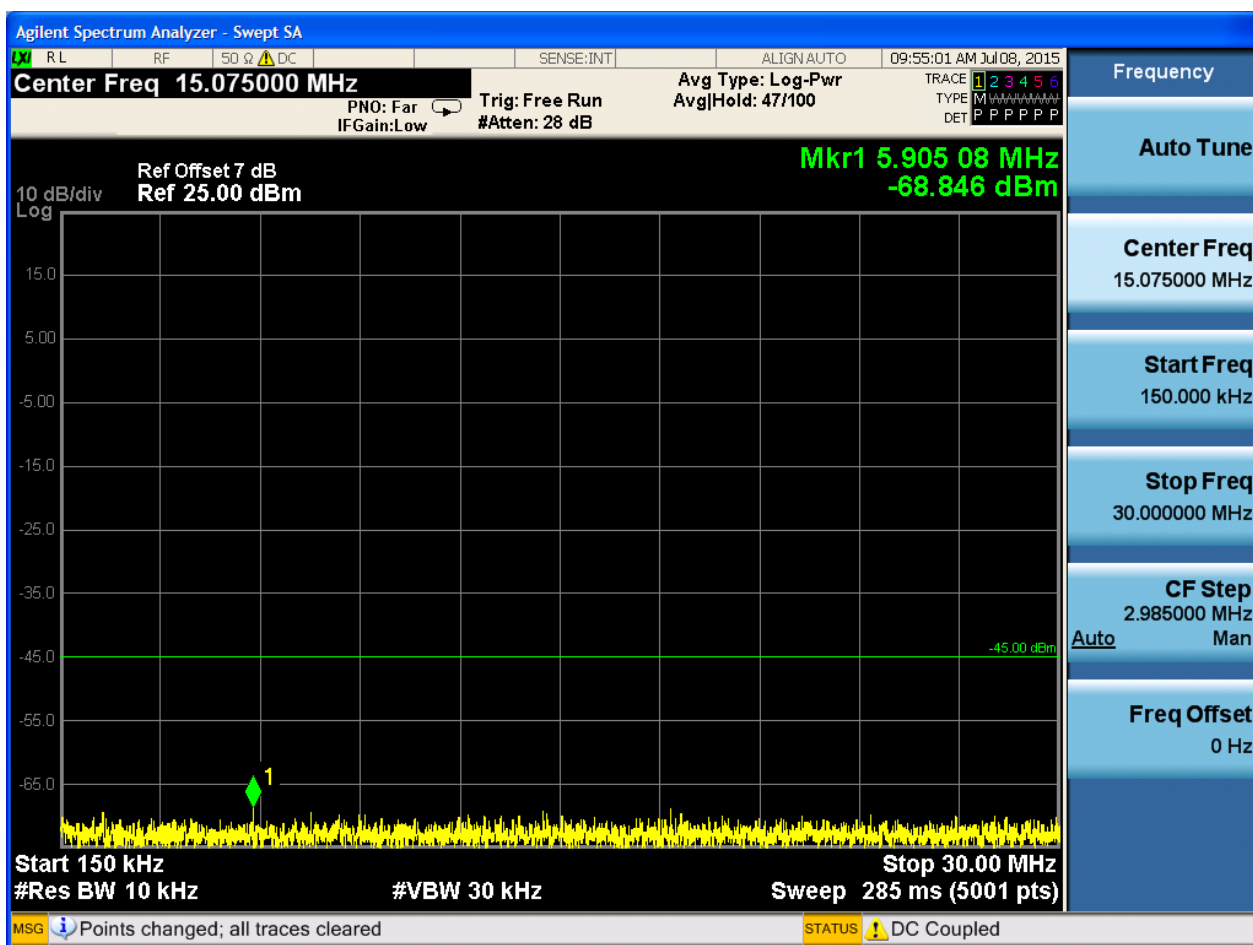


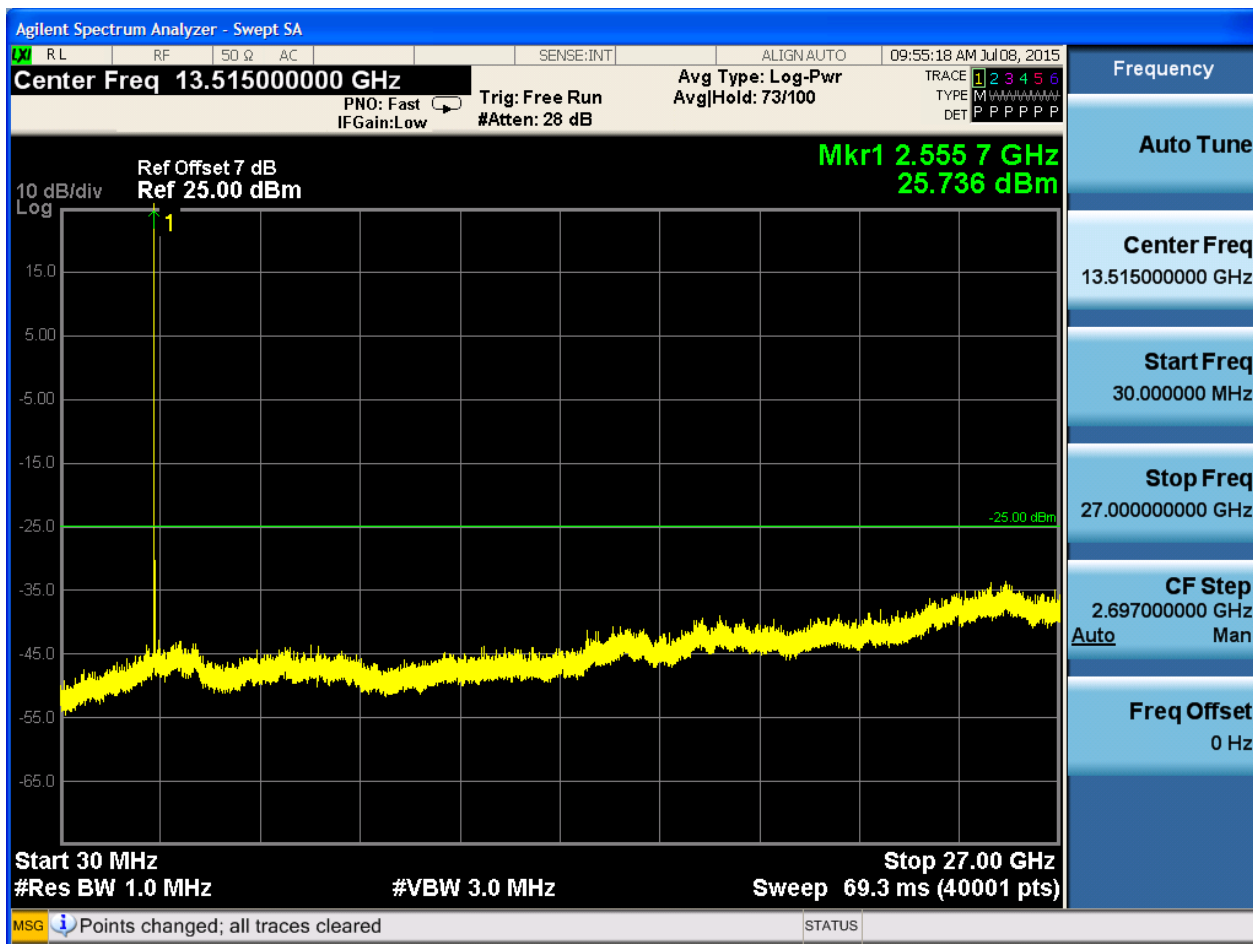


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0



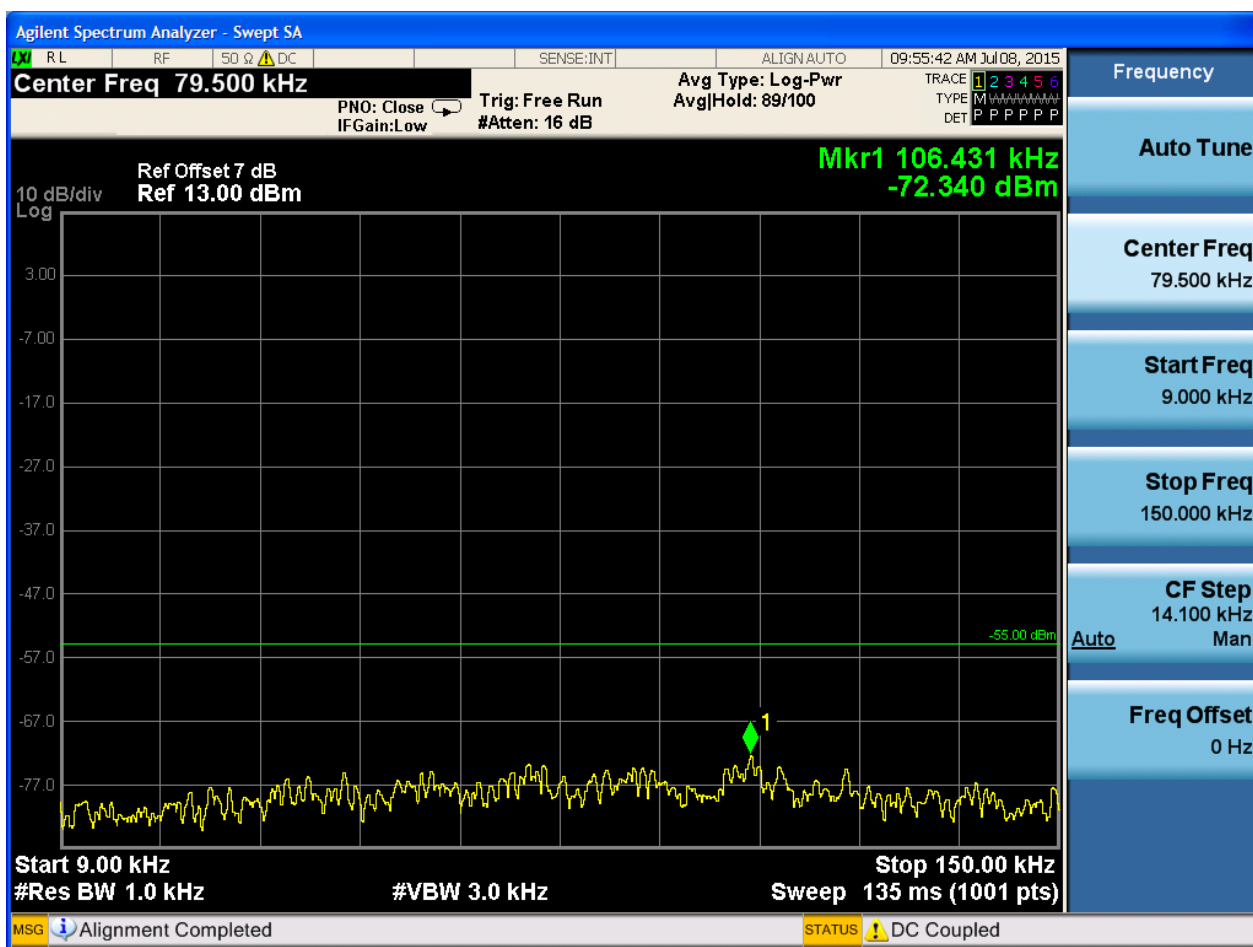


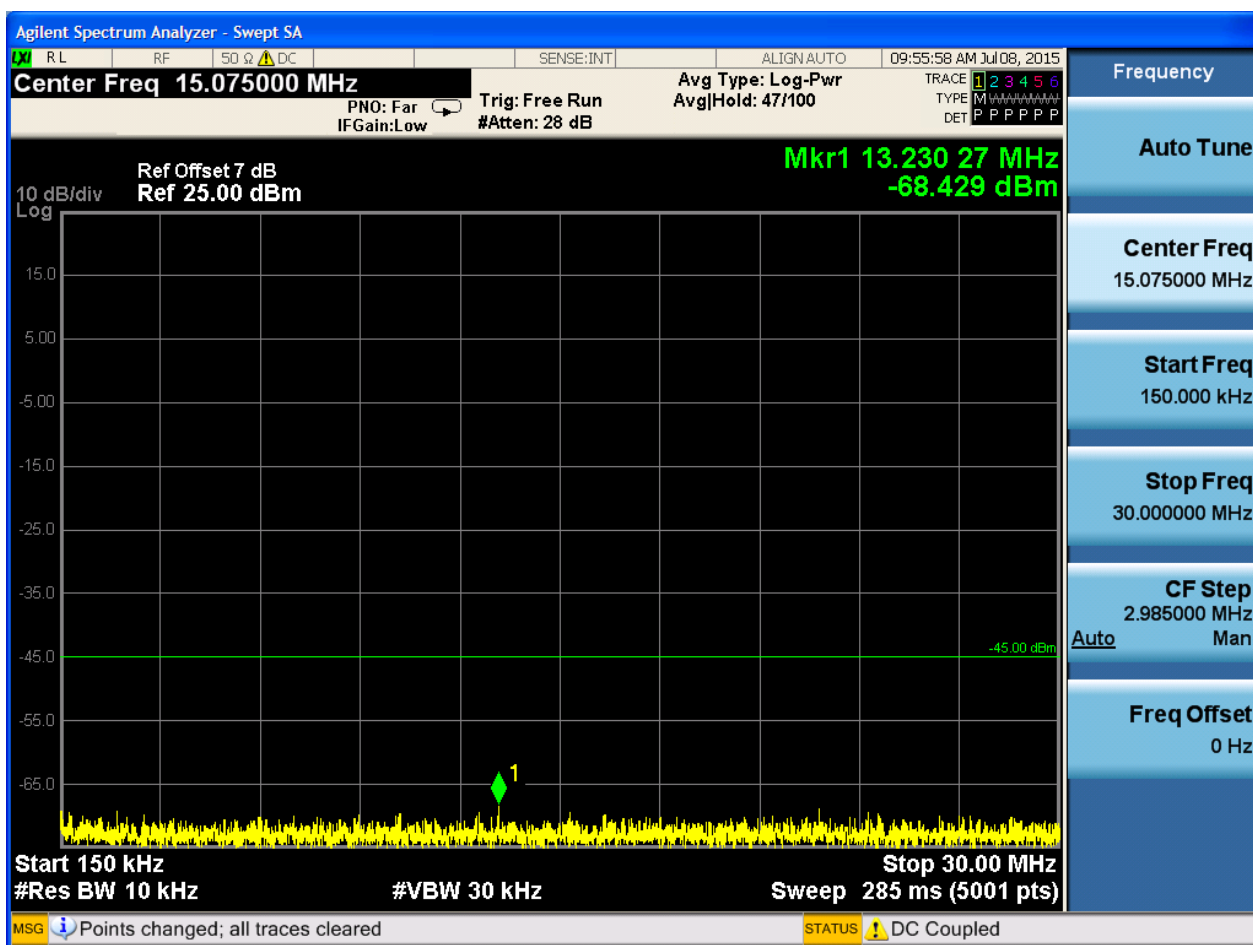


6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0



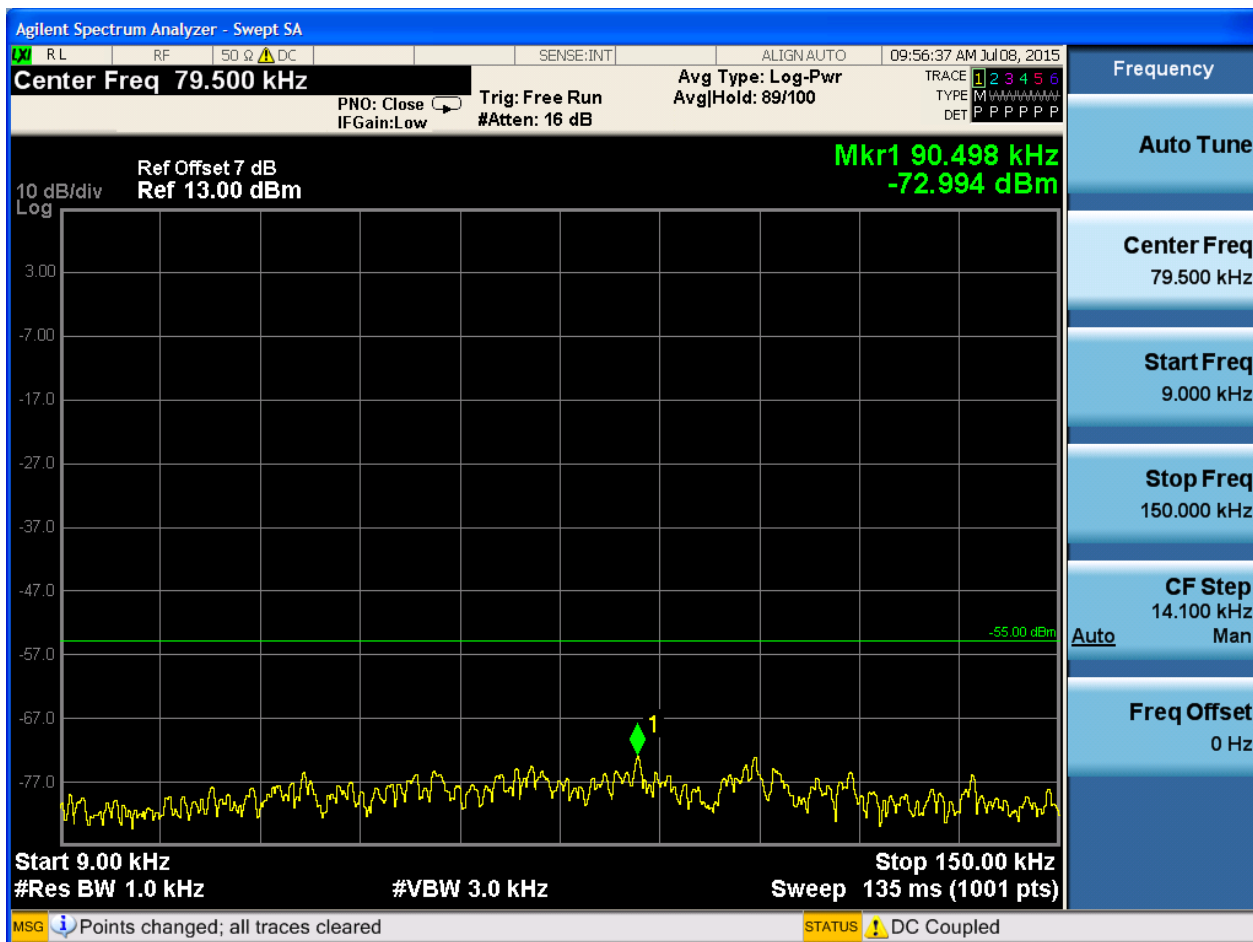


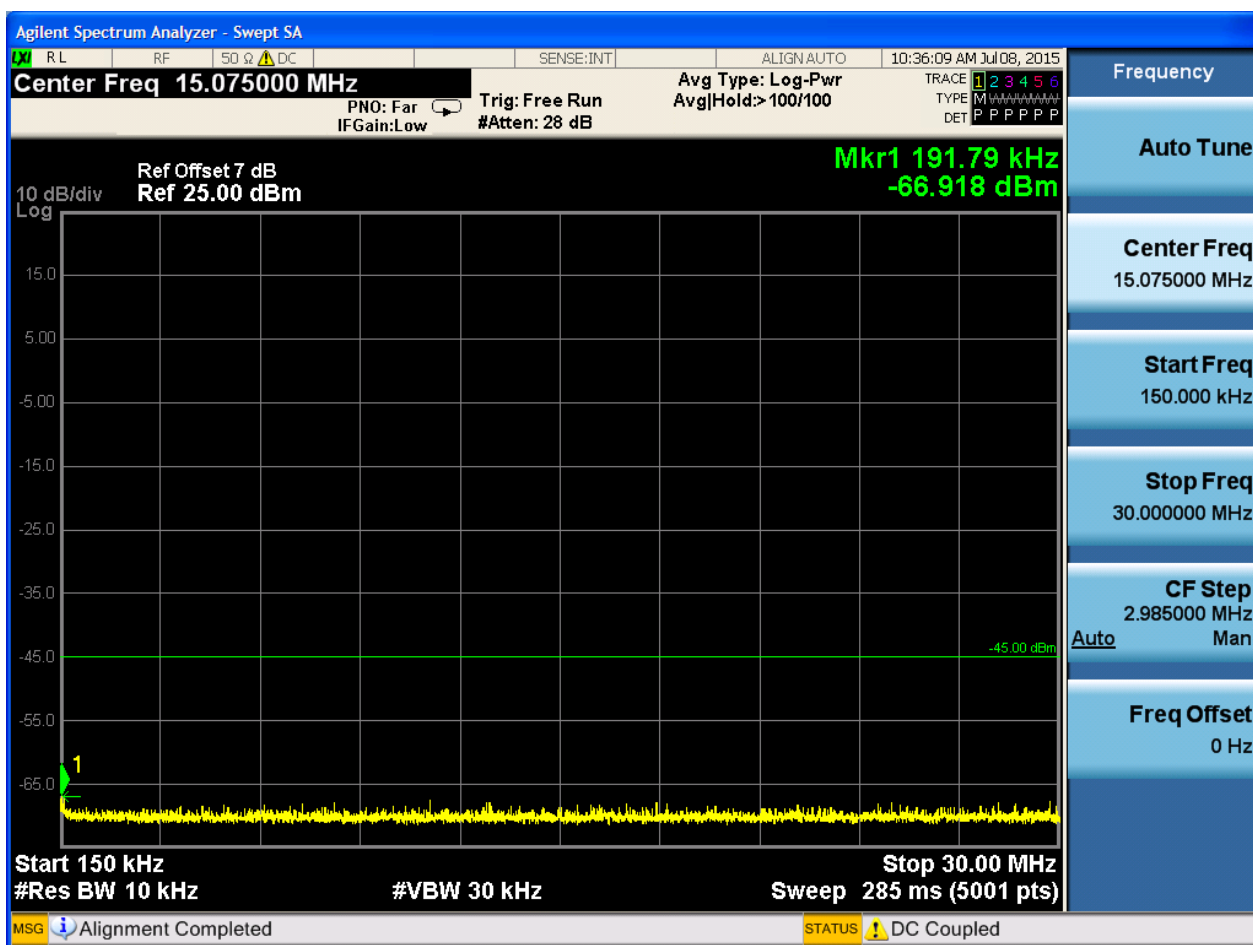


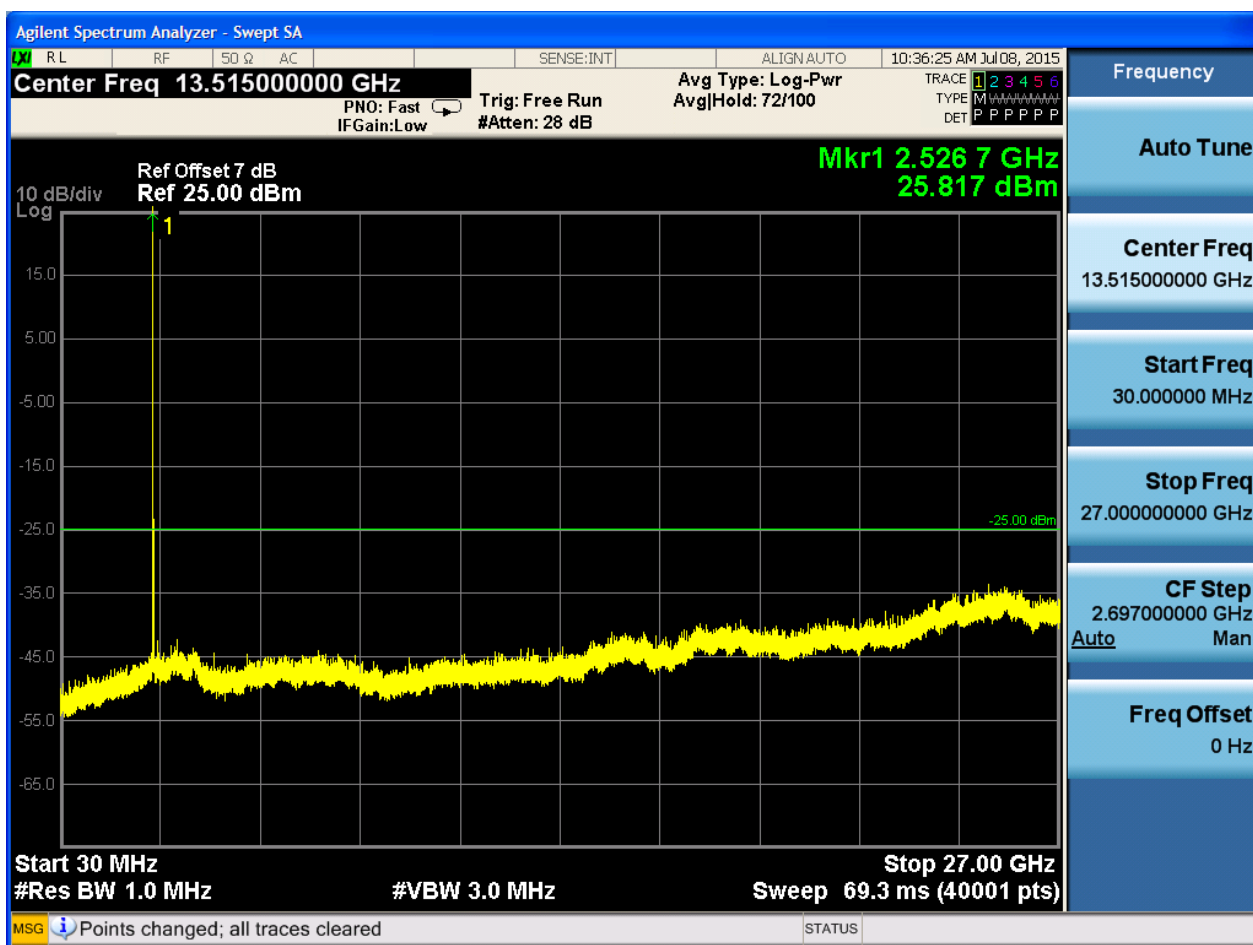


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0

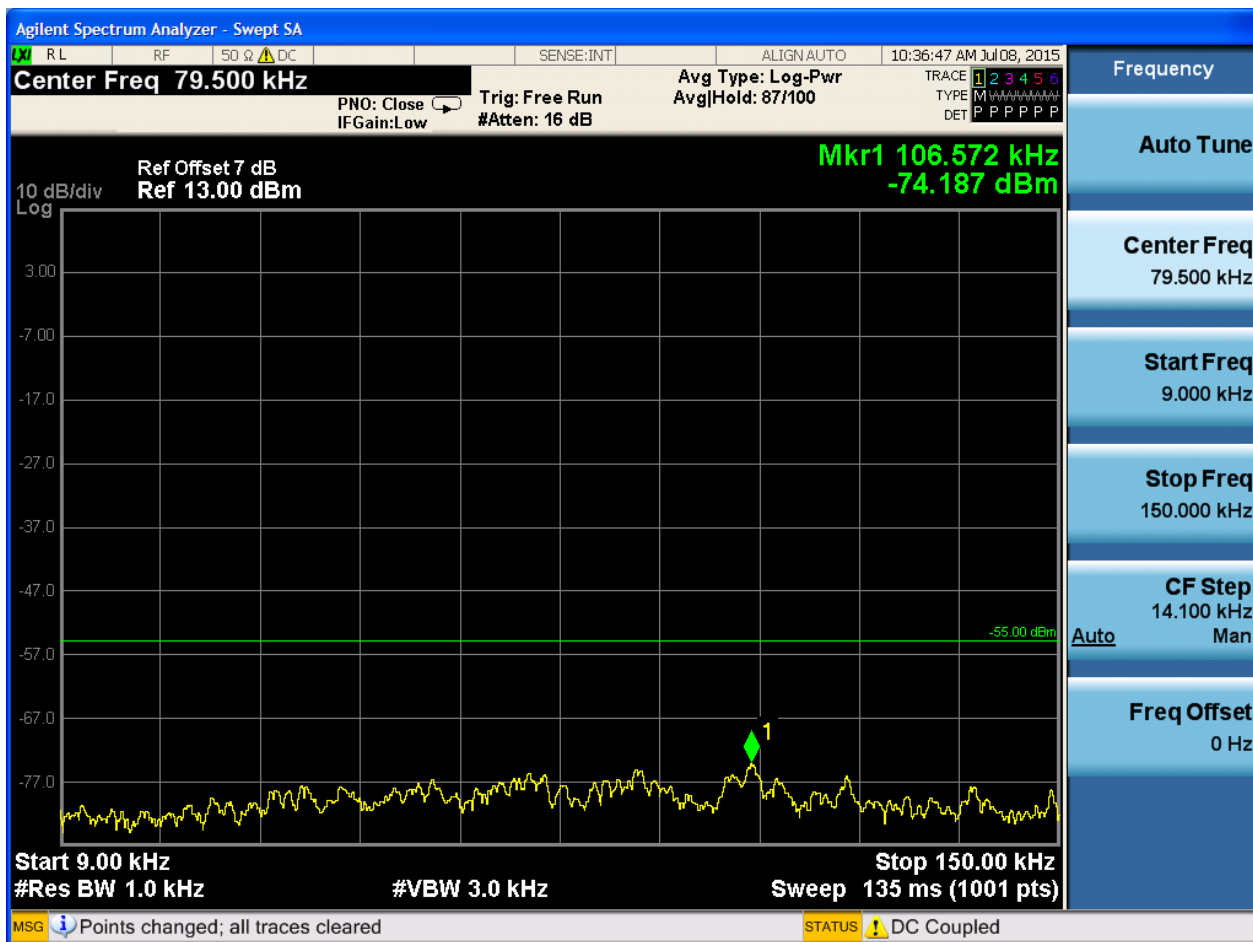


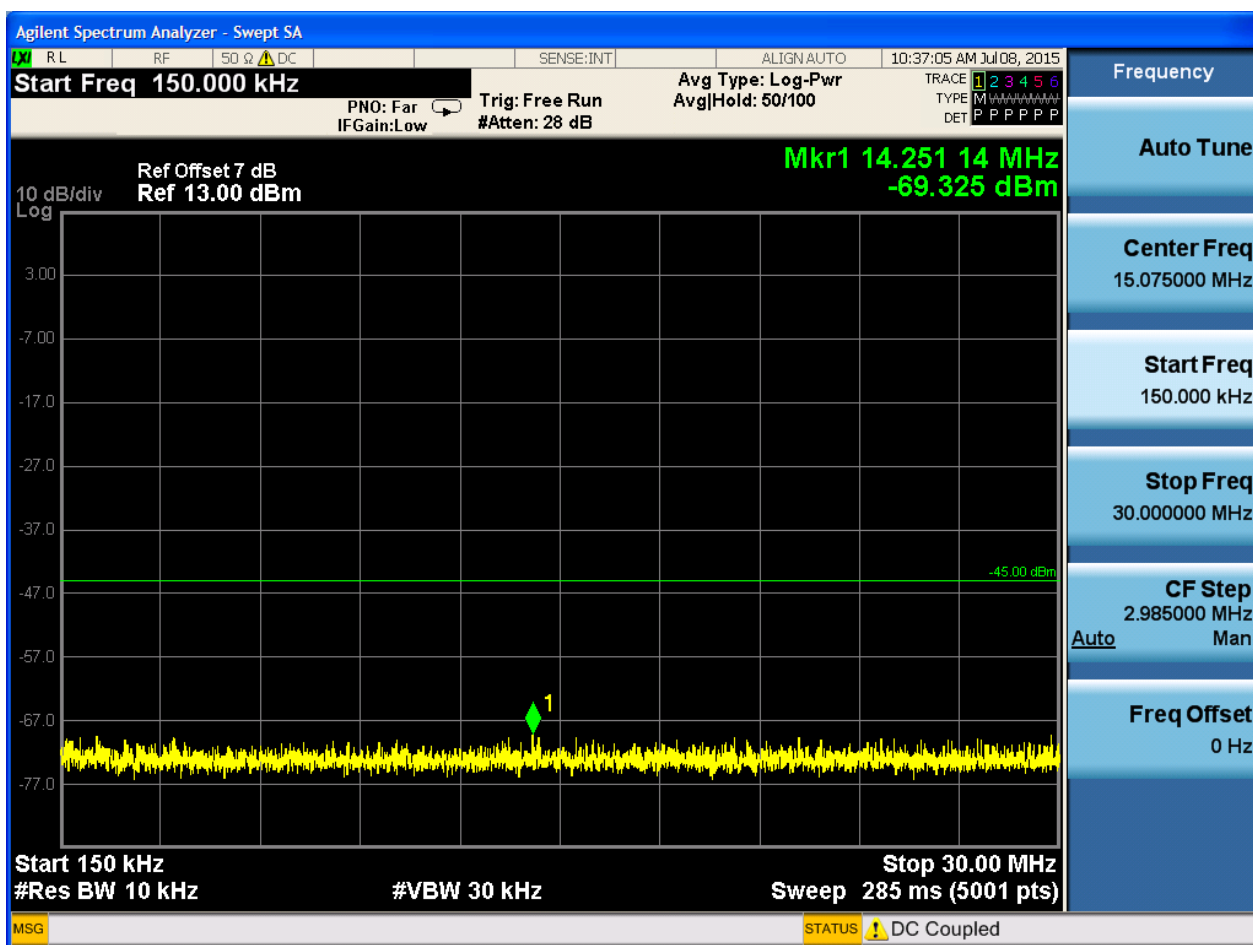


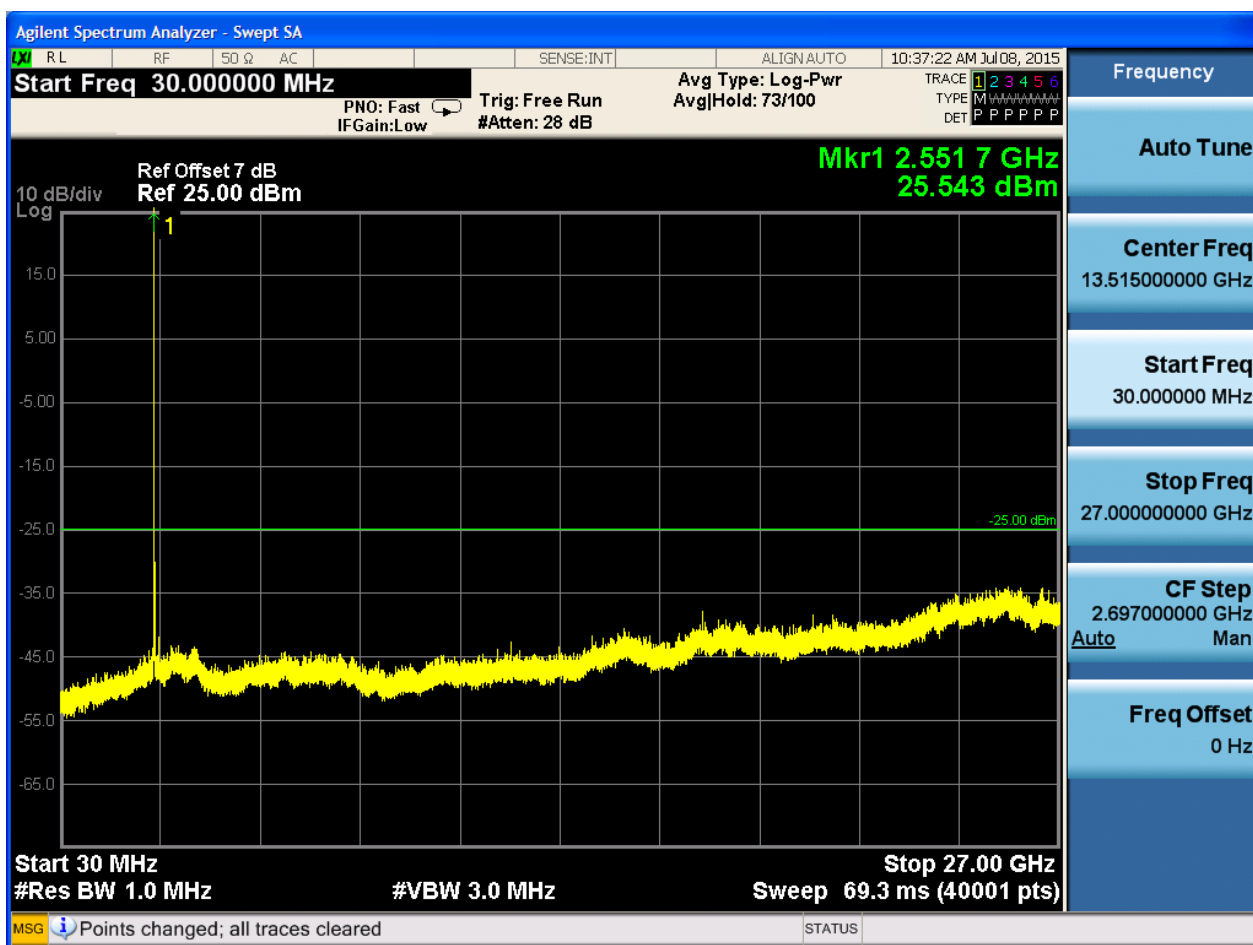


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







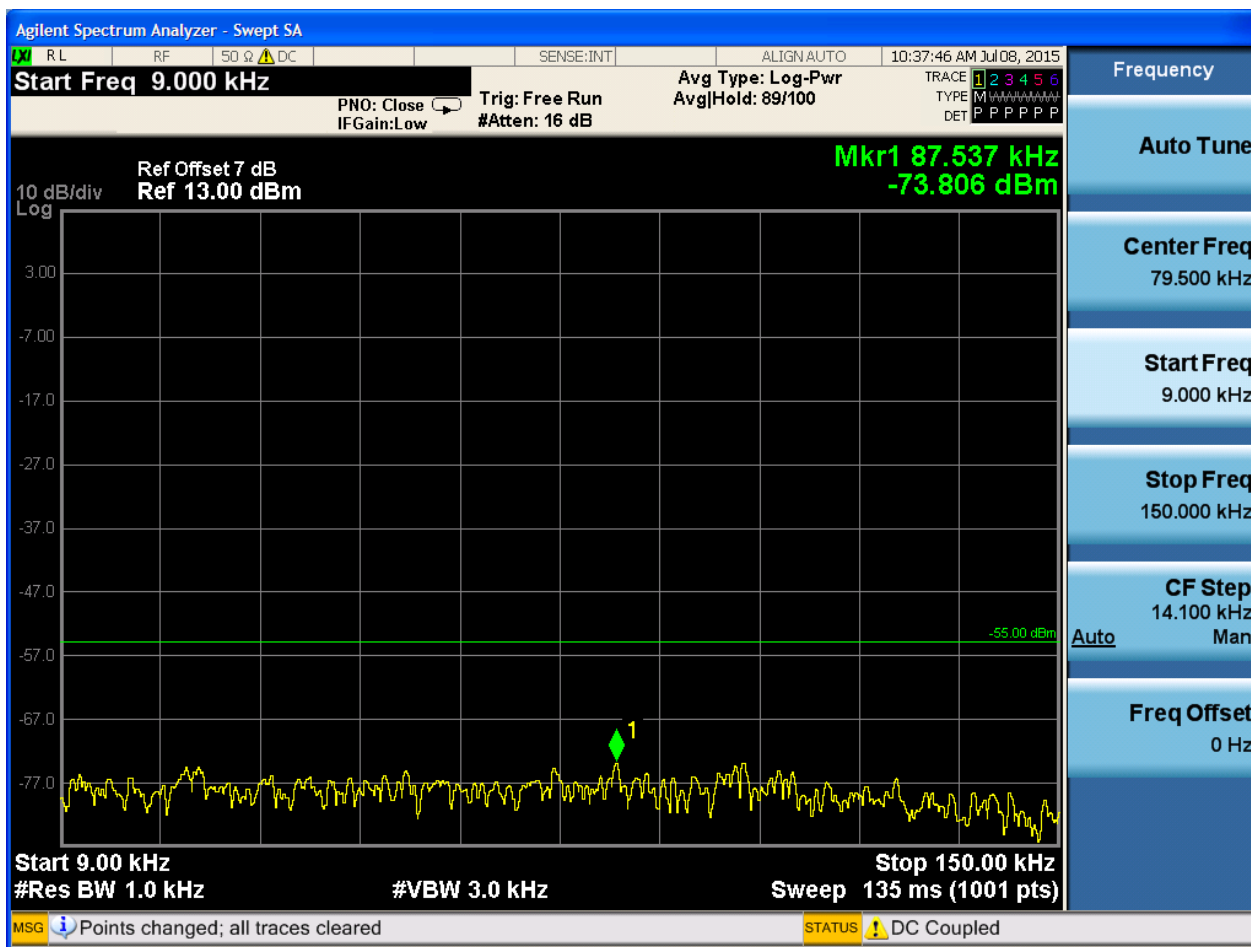


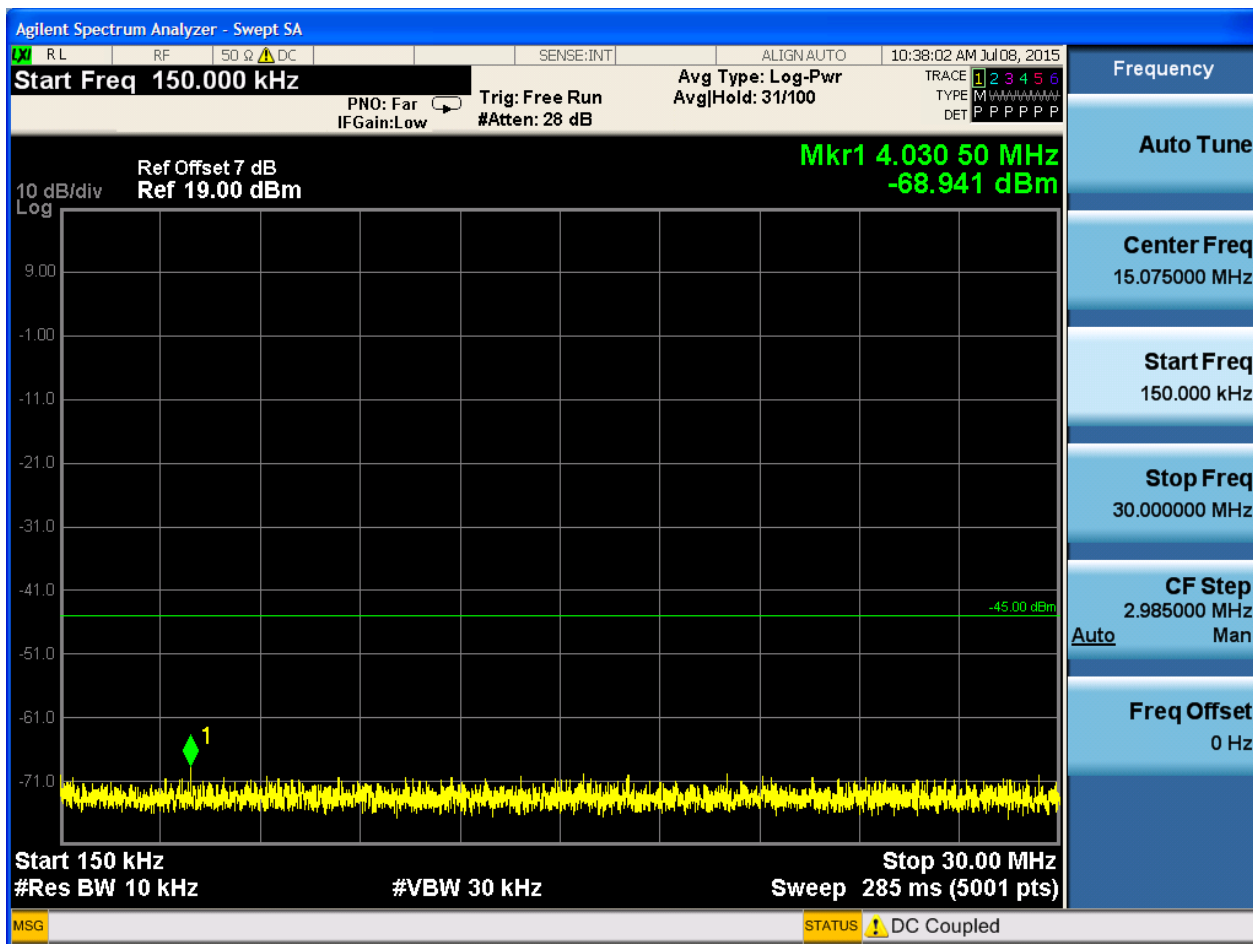
6.1.1.2 Test Mode = LTE/TM2

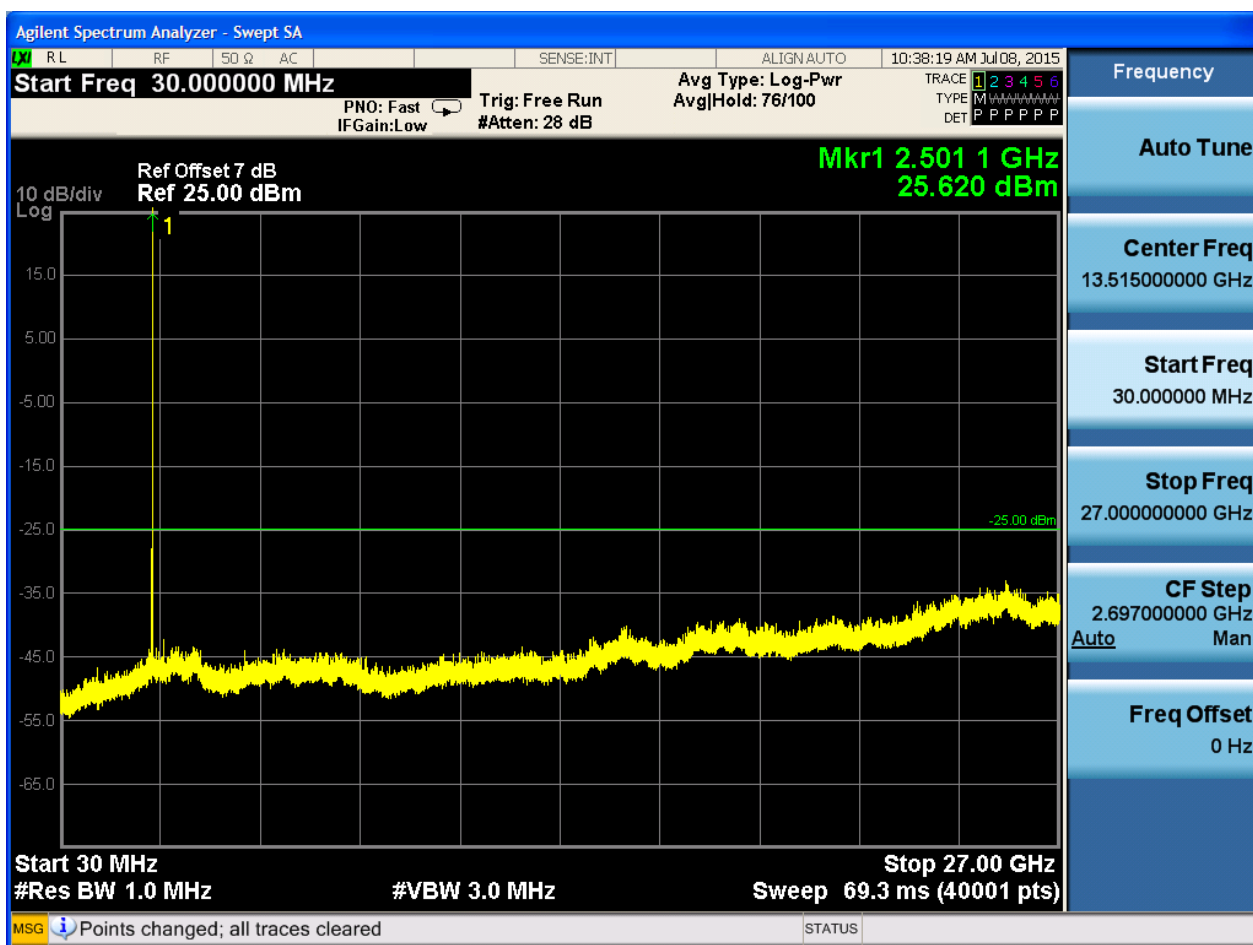
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



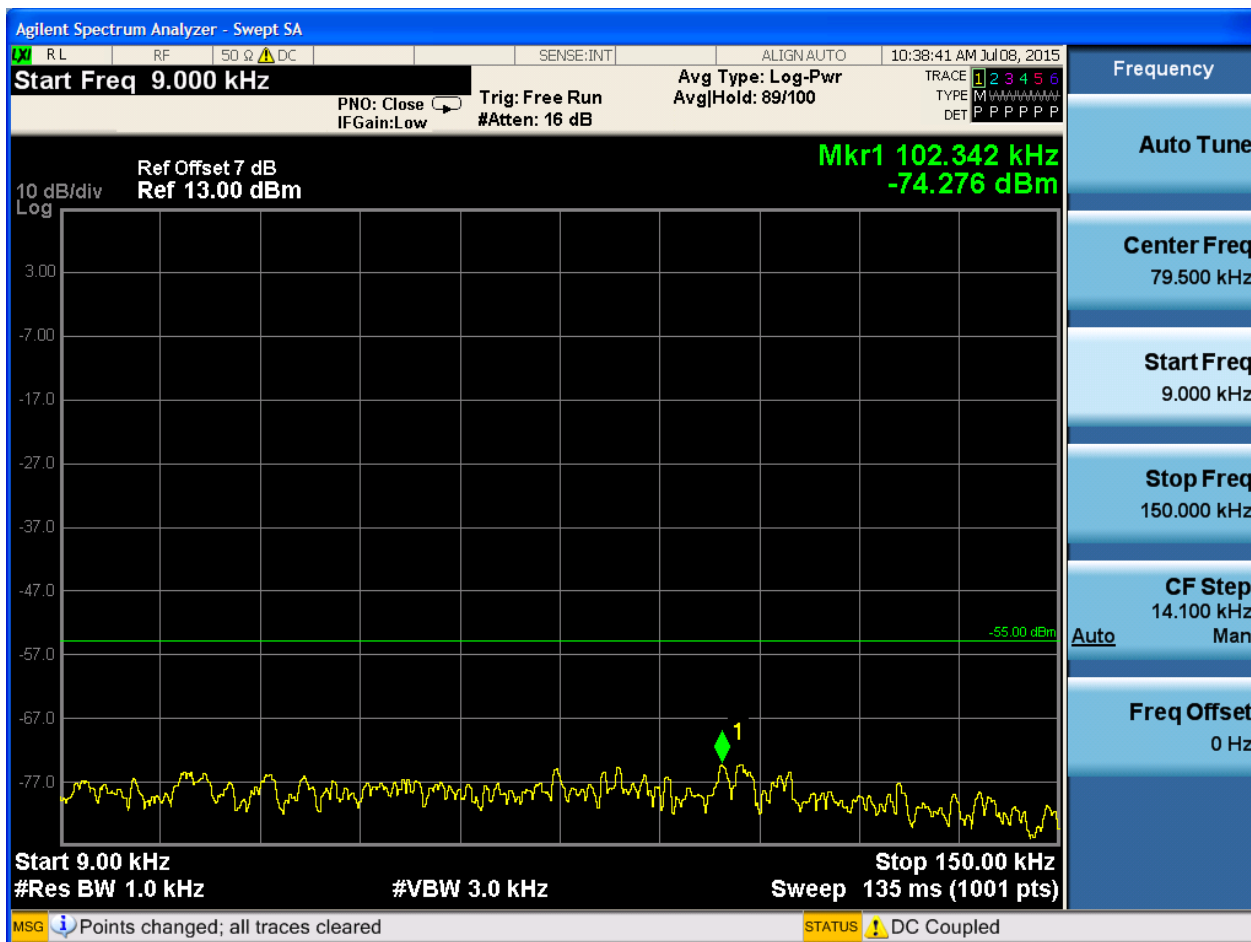


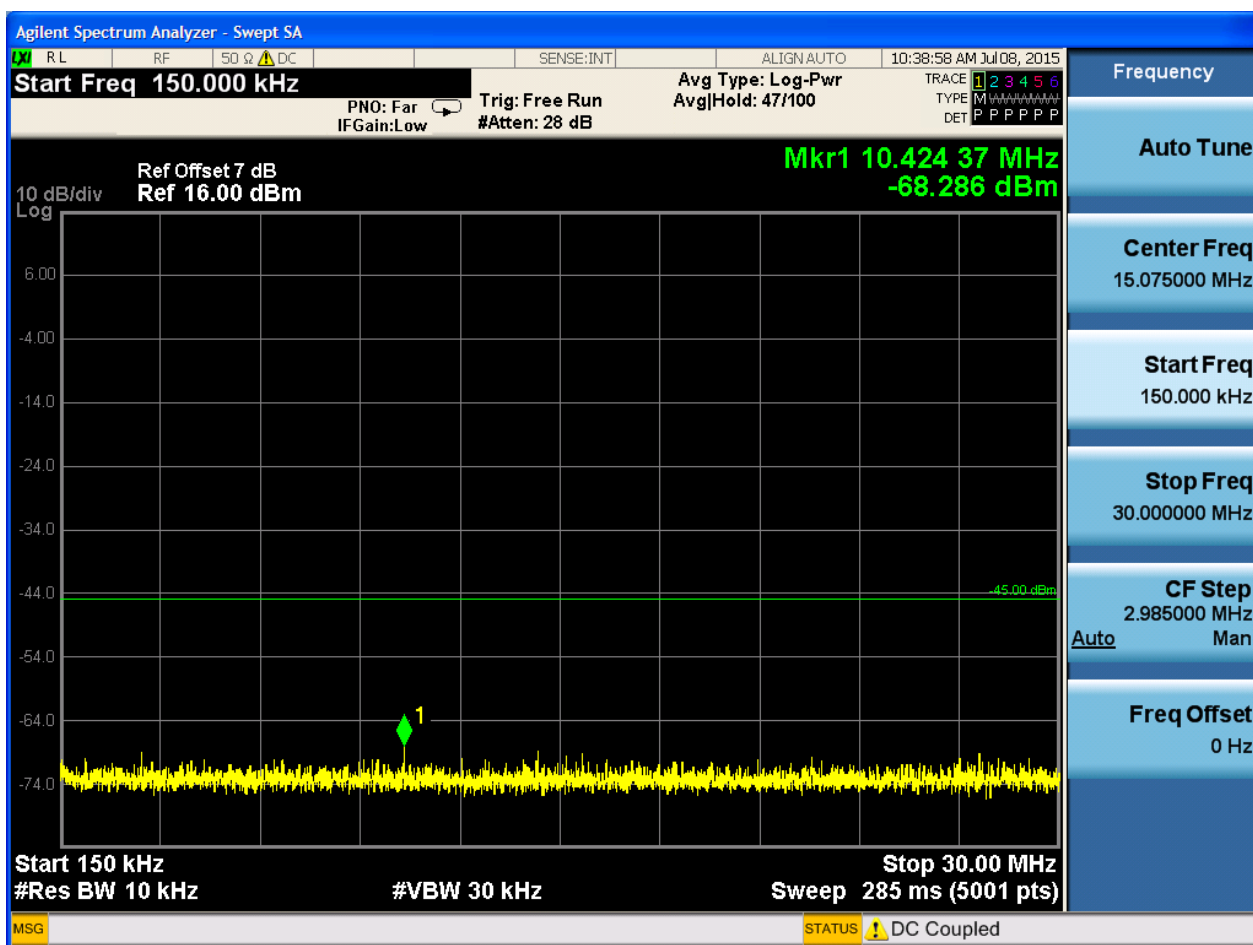


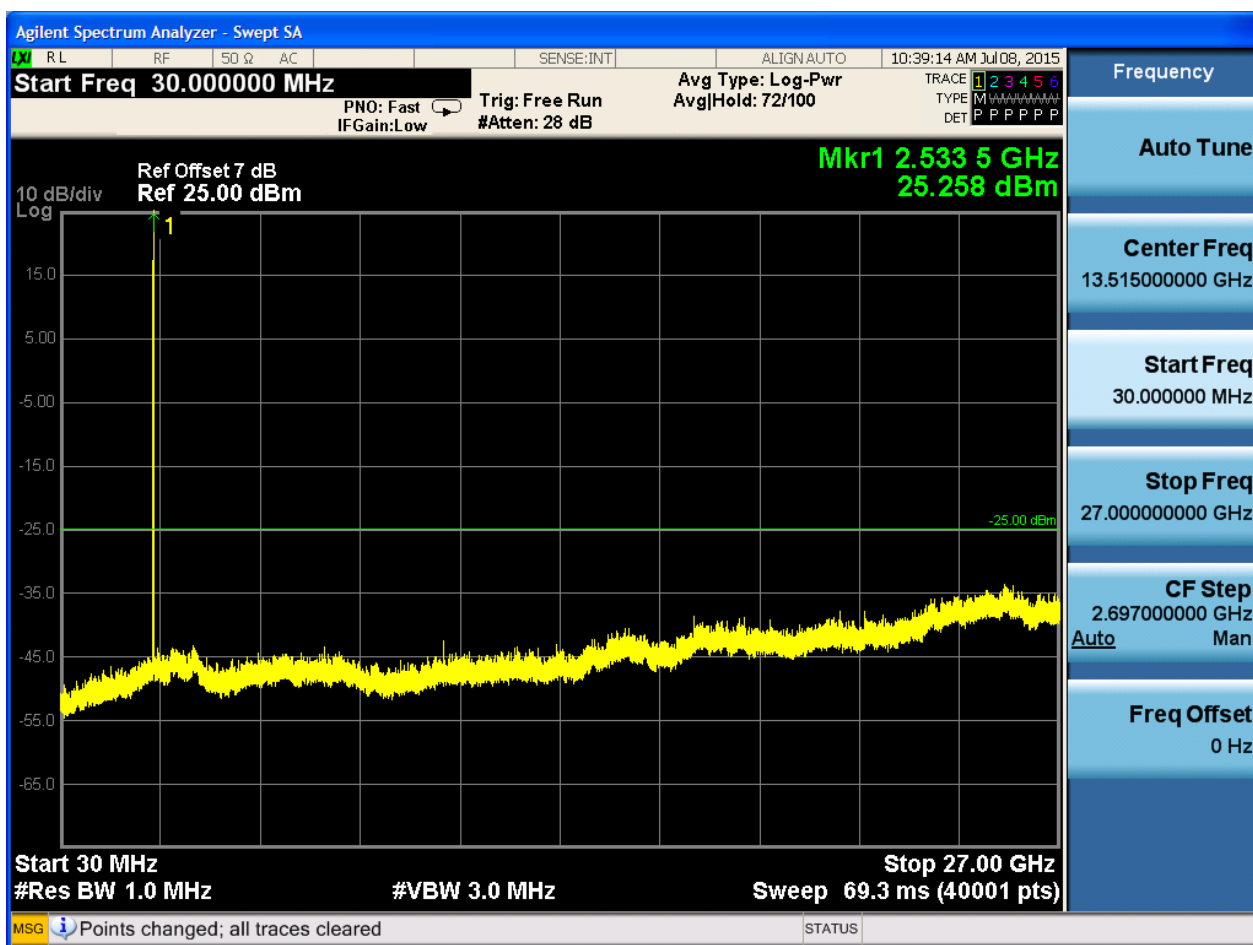


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



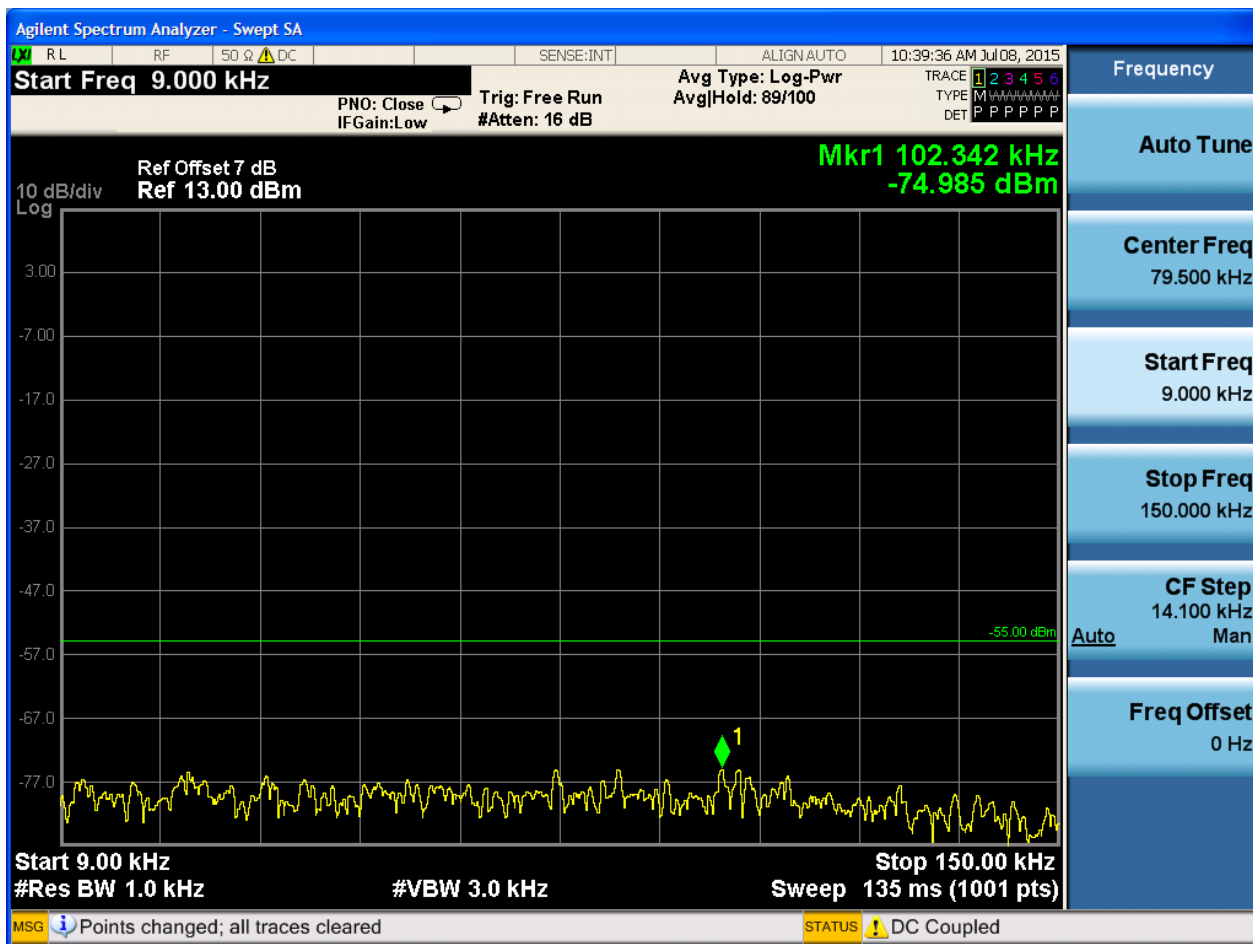


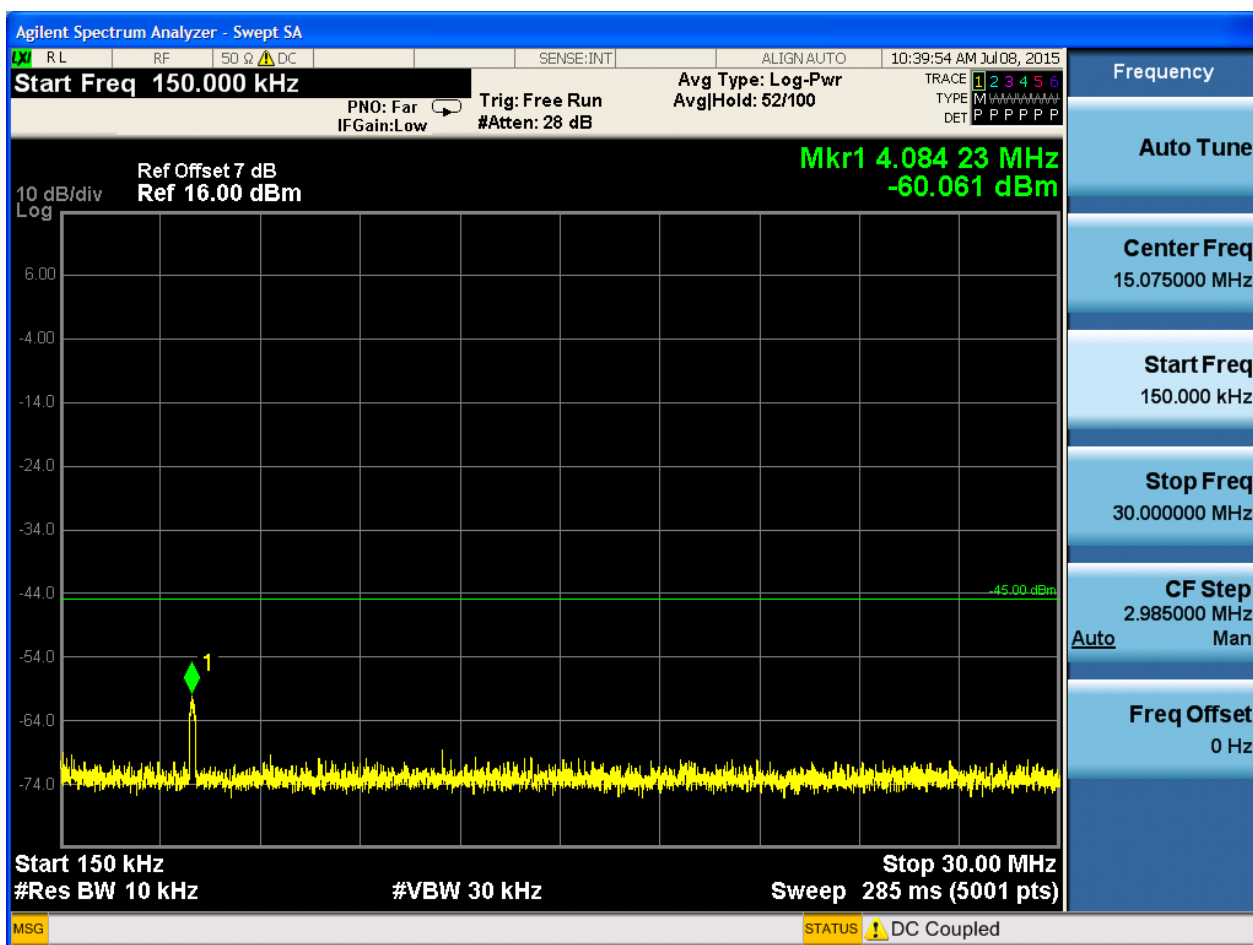


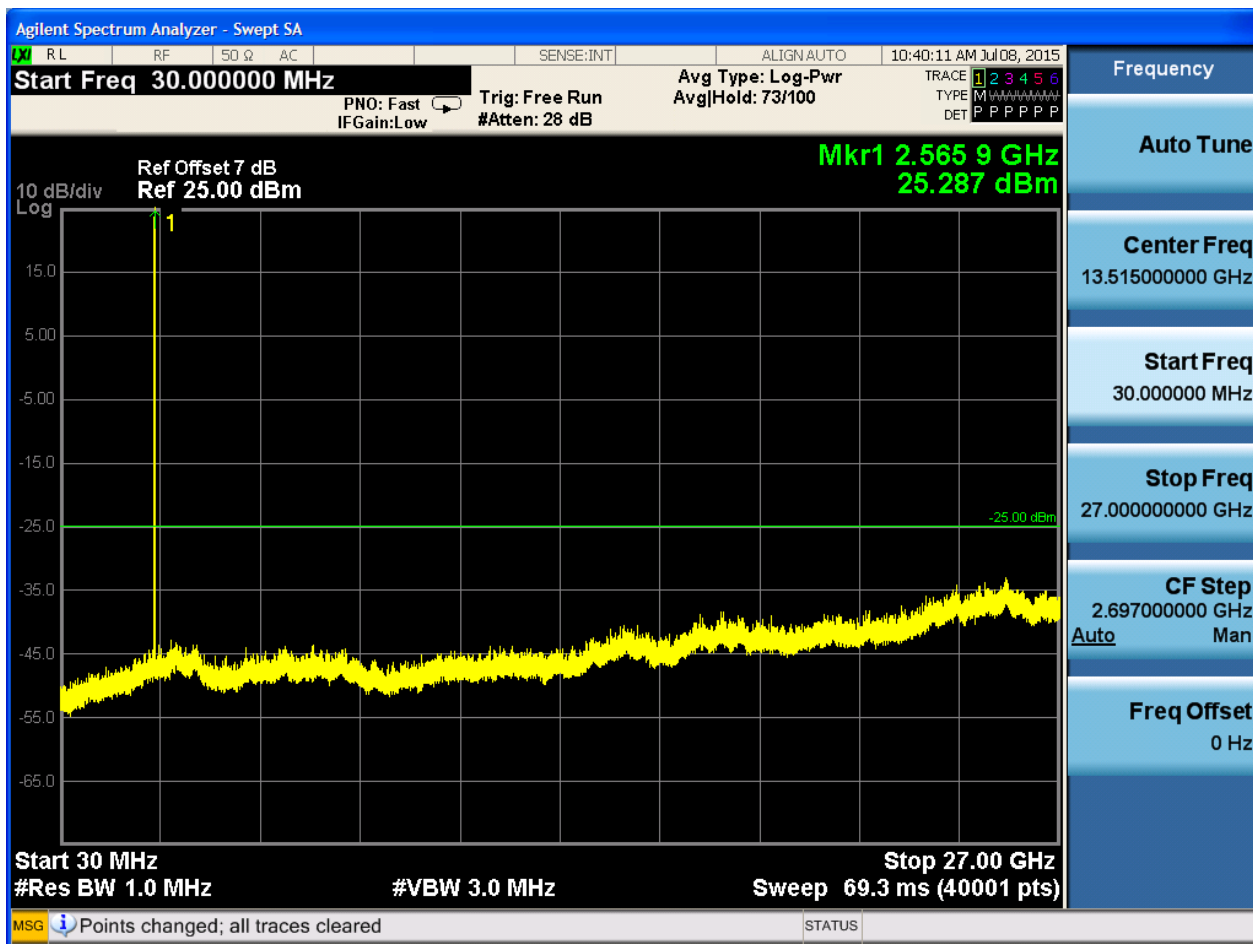


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



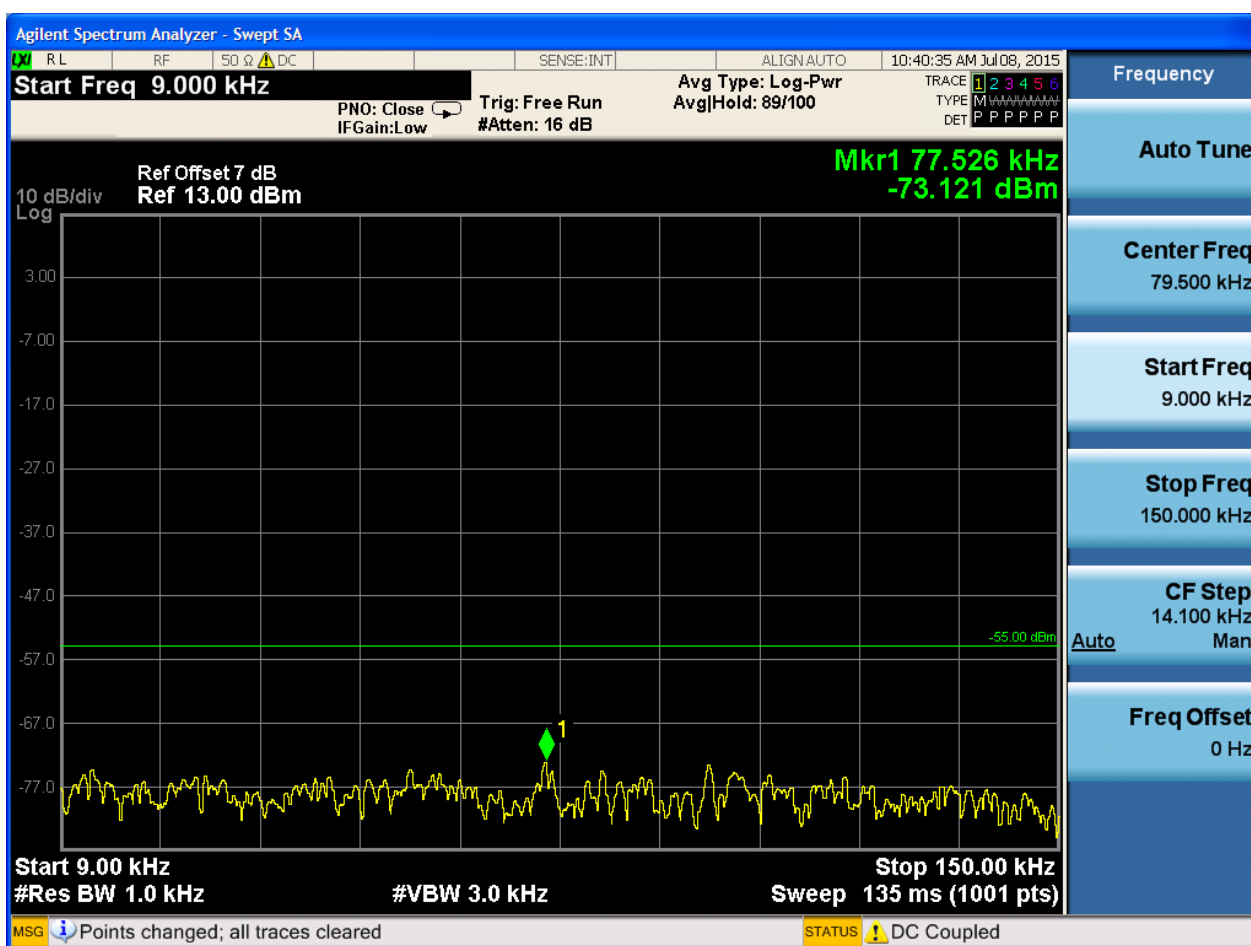


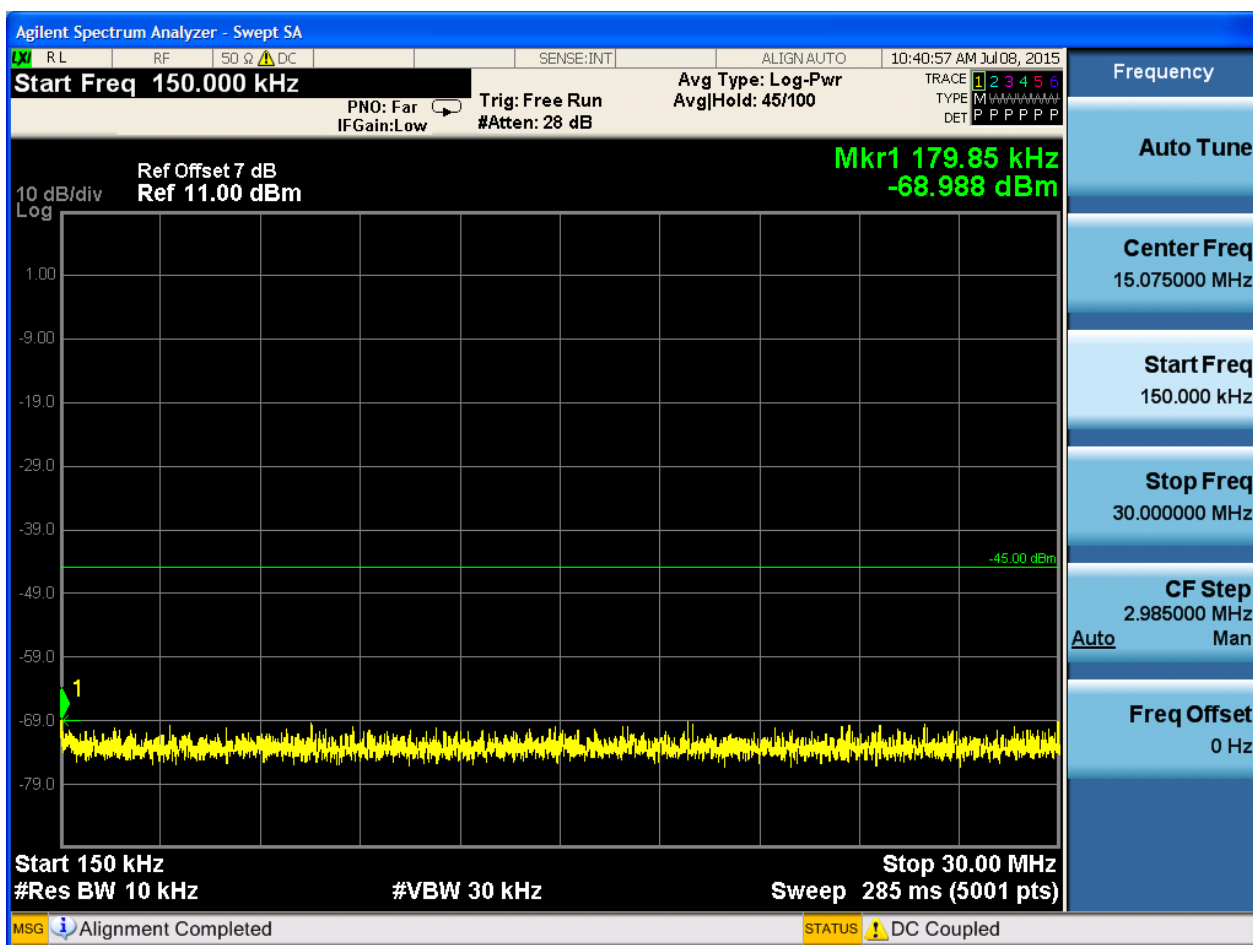


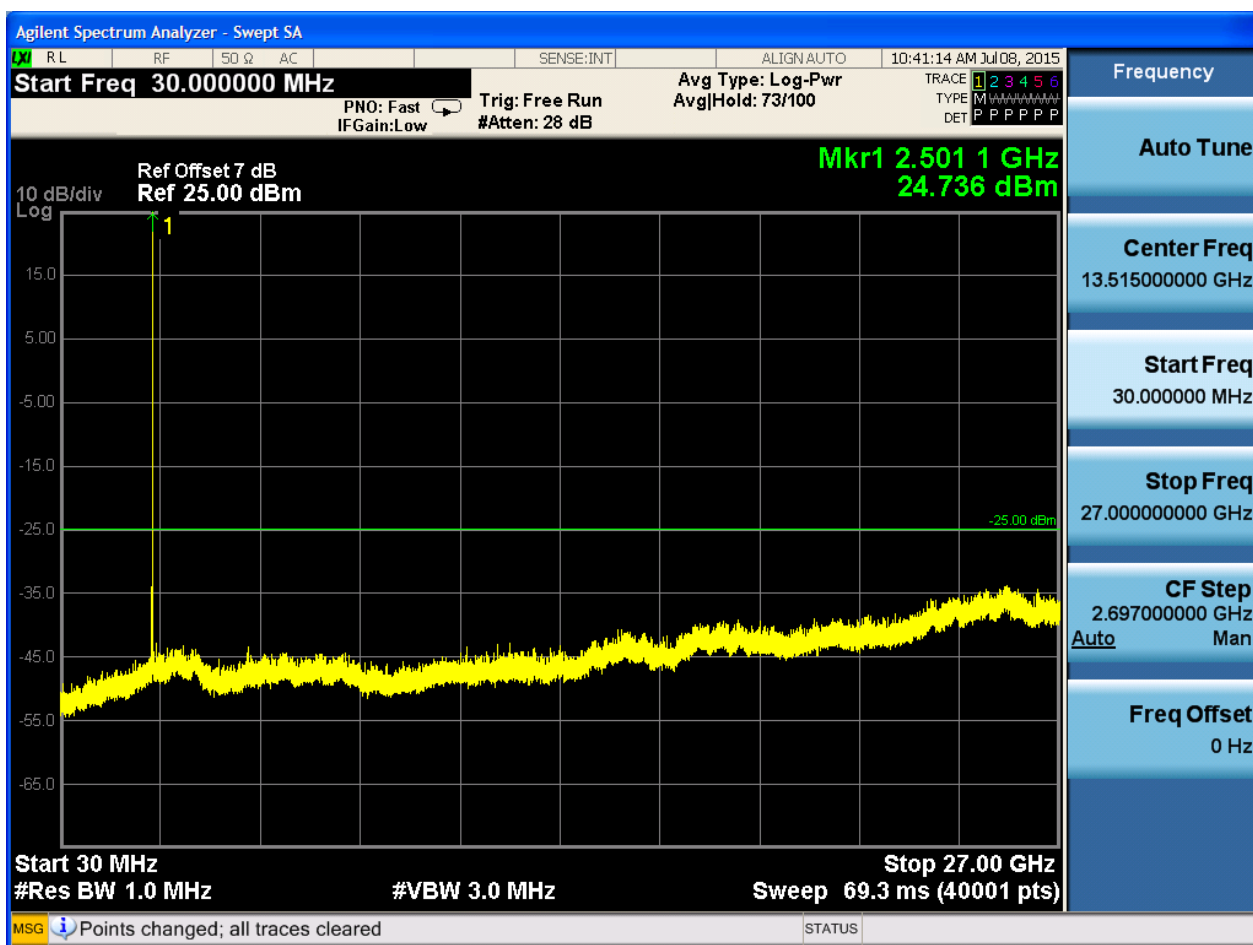
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

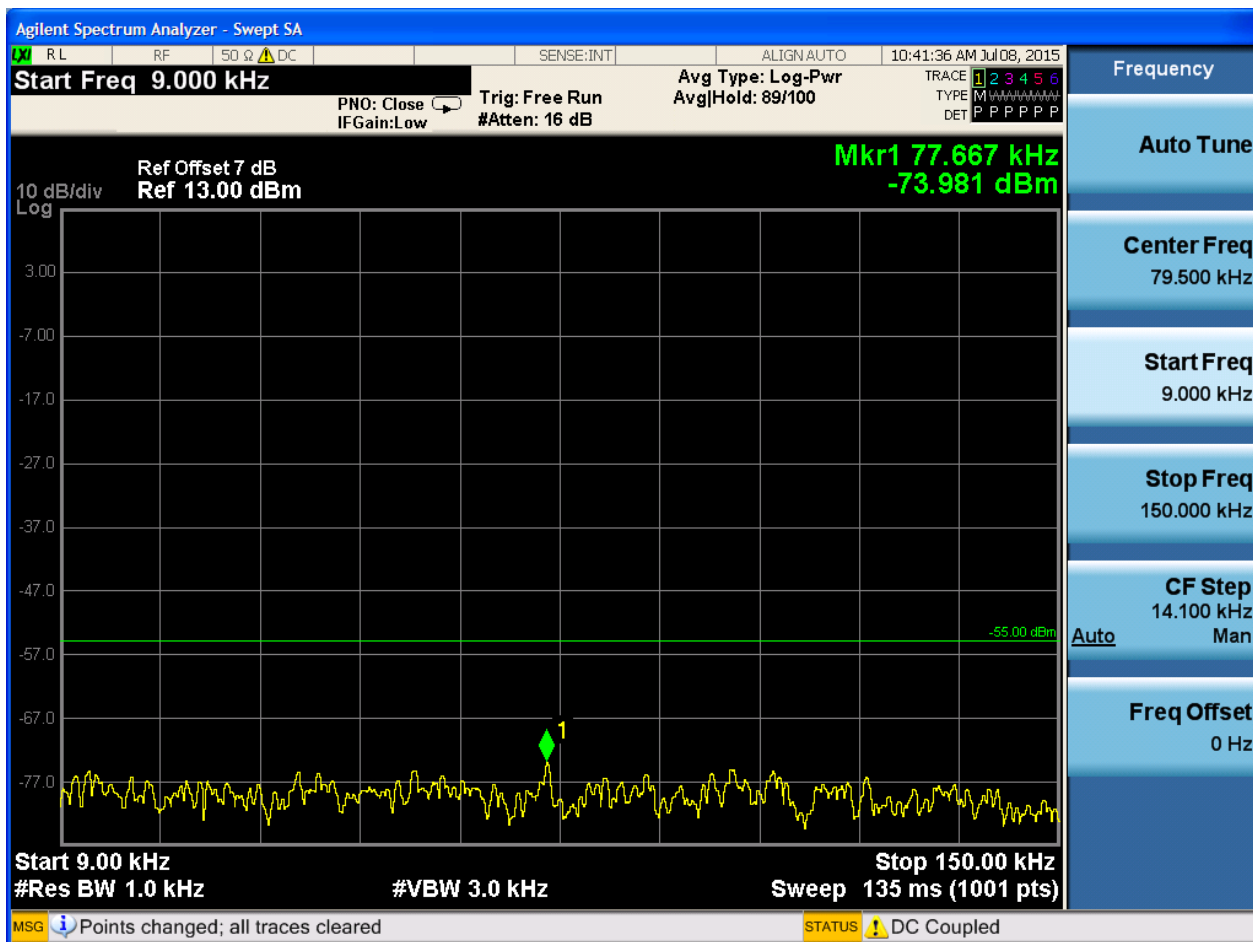


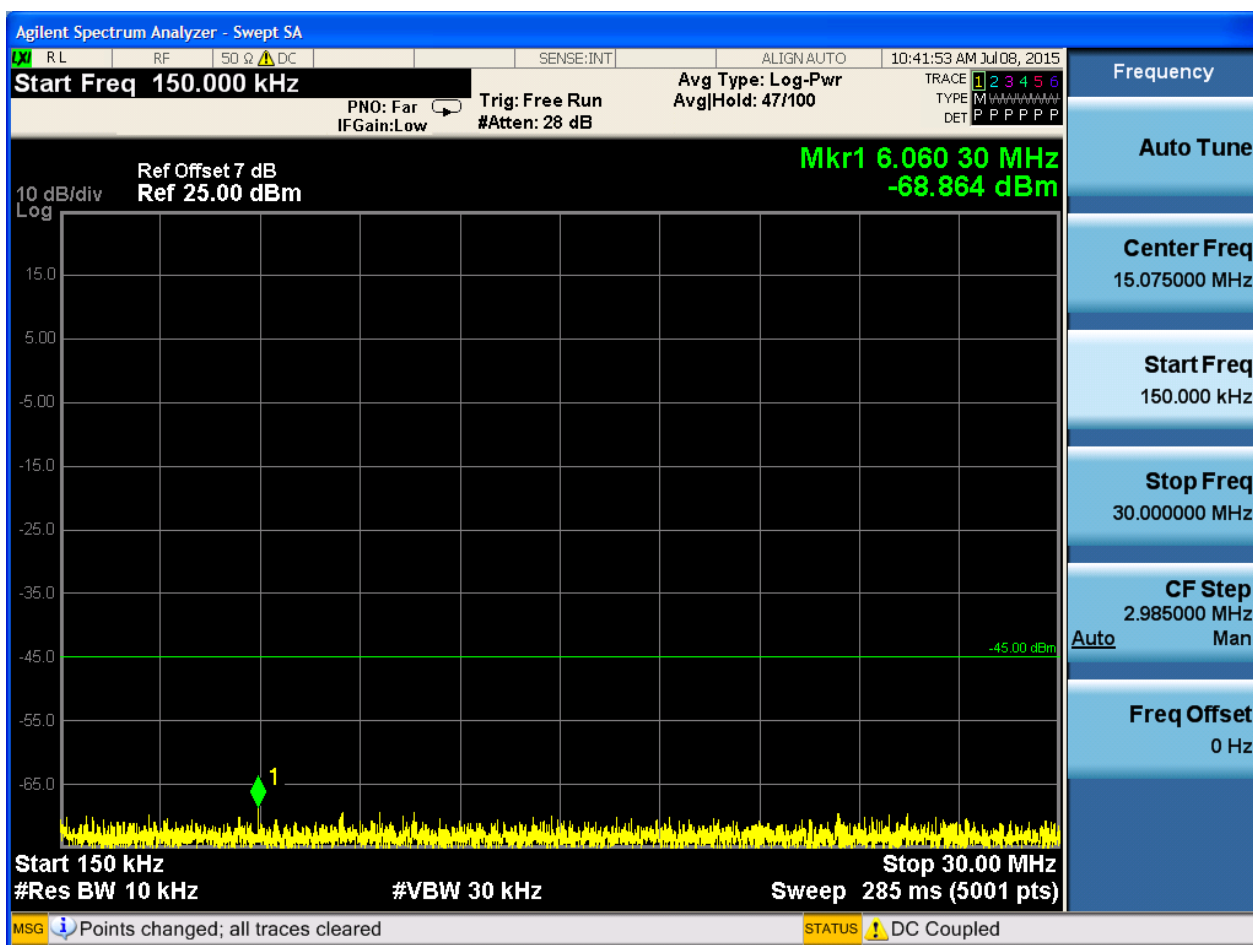


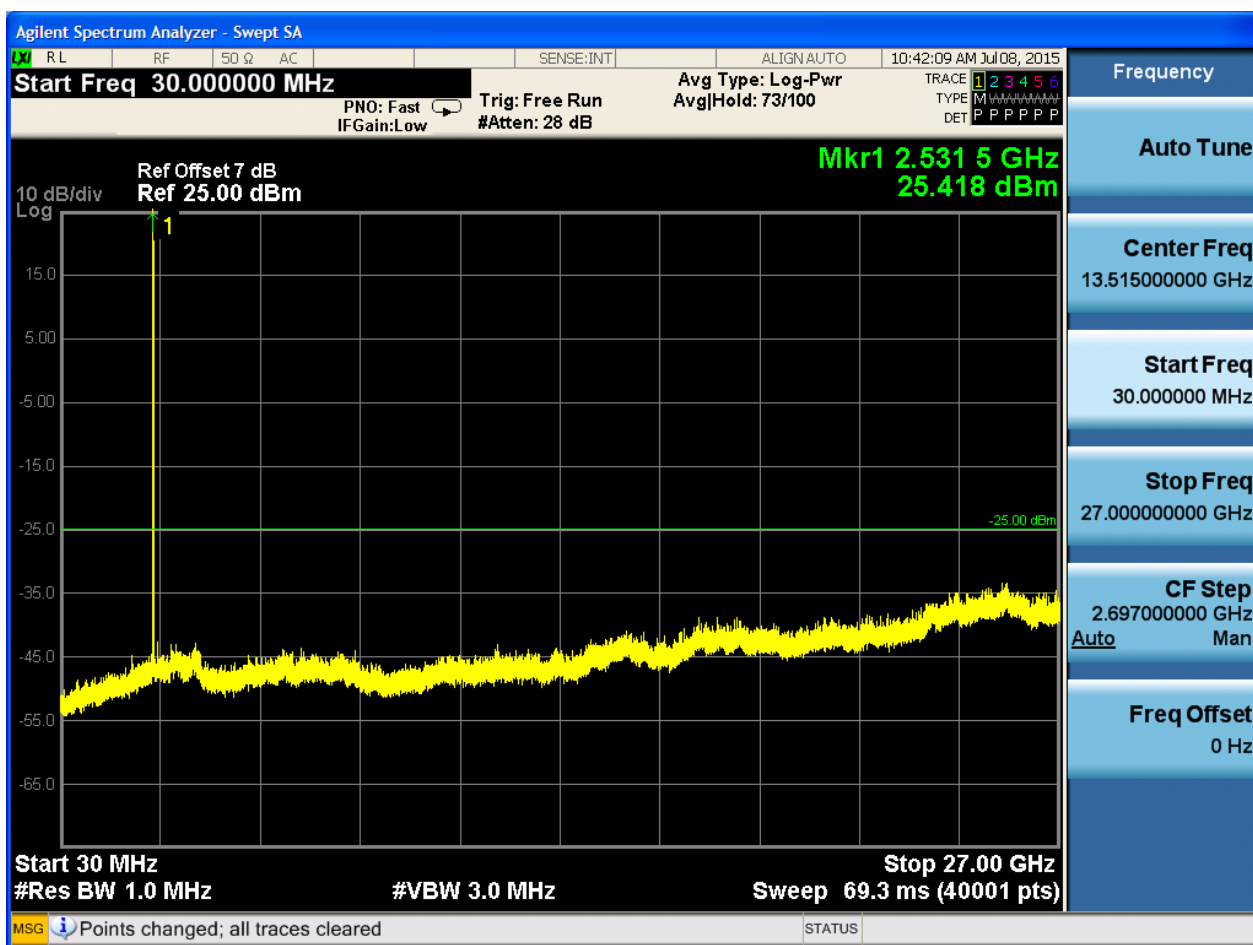


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



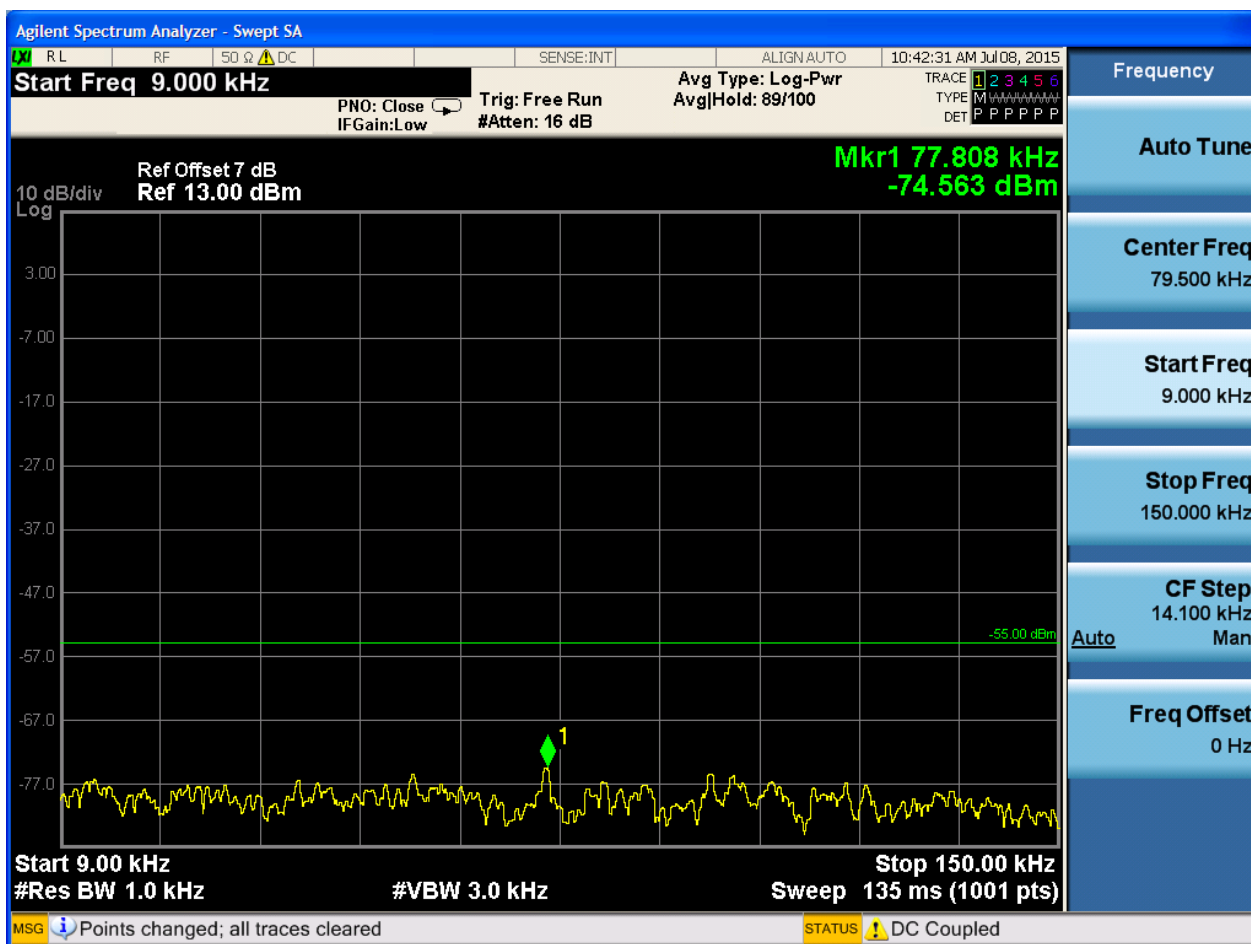


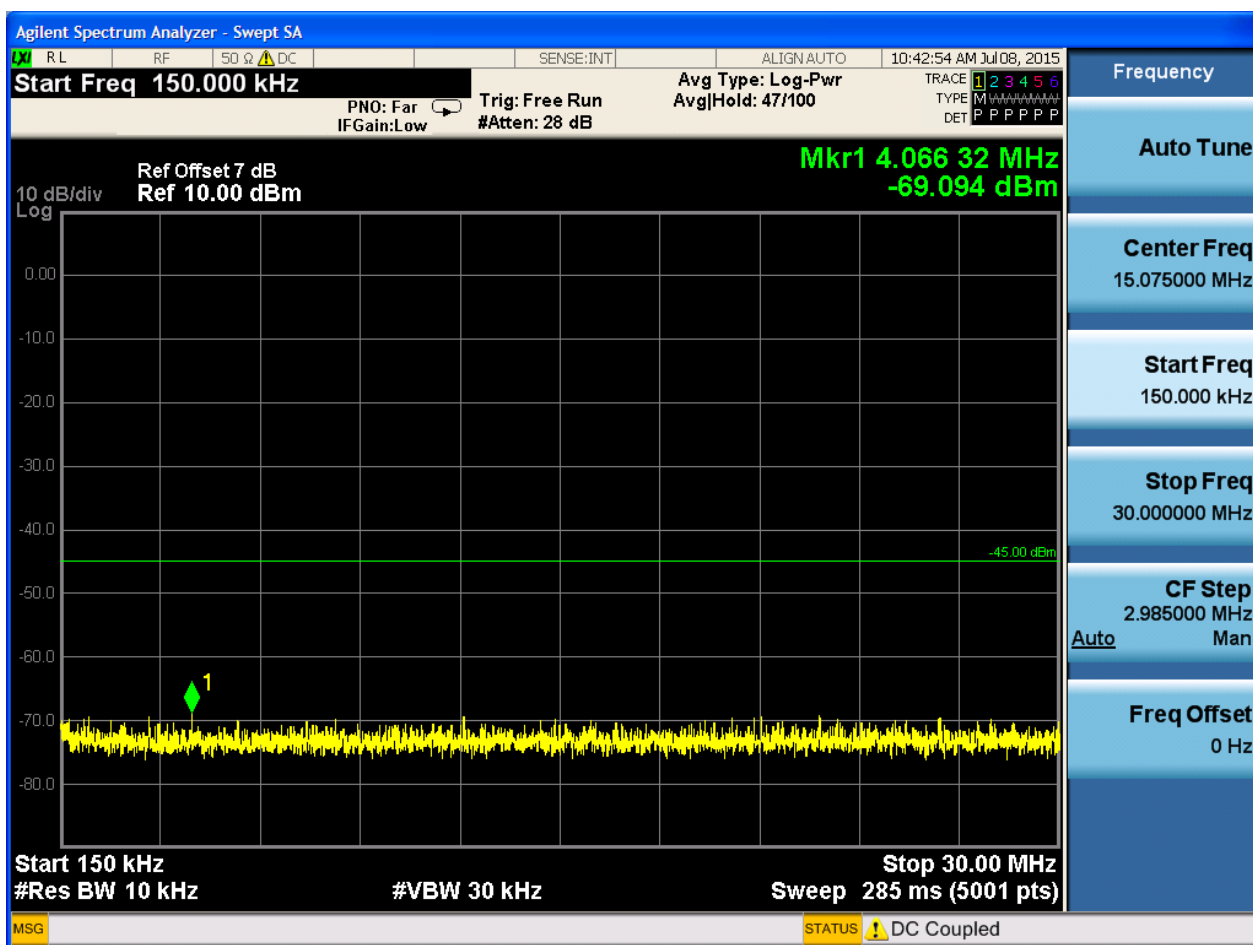


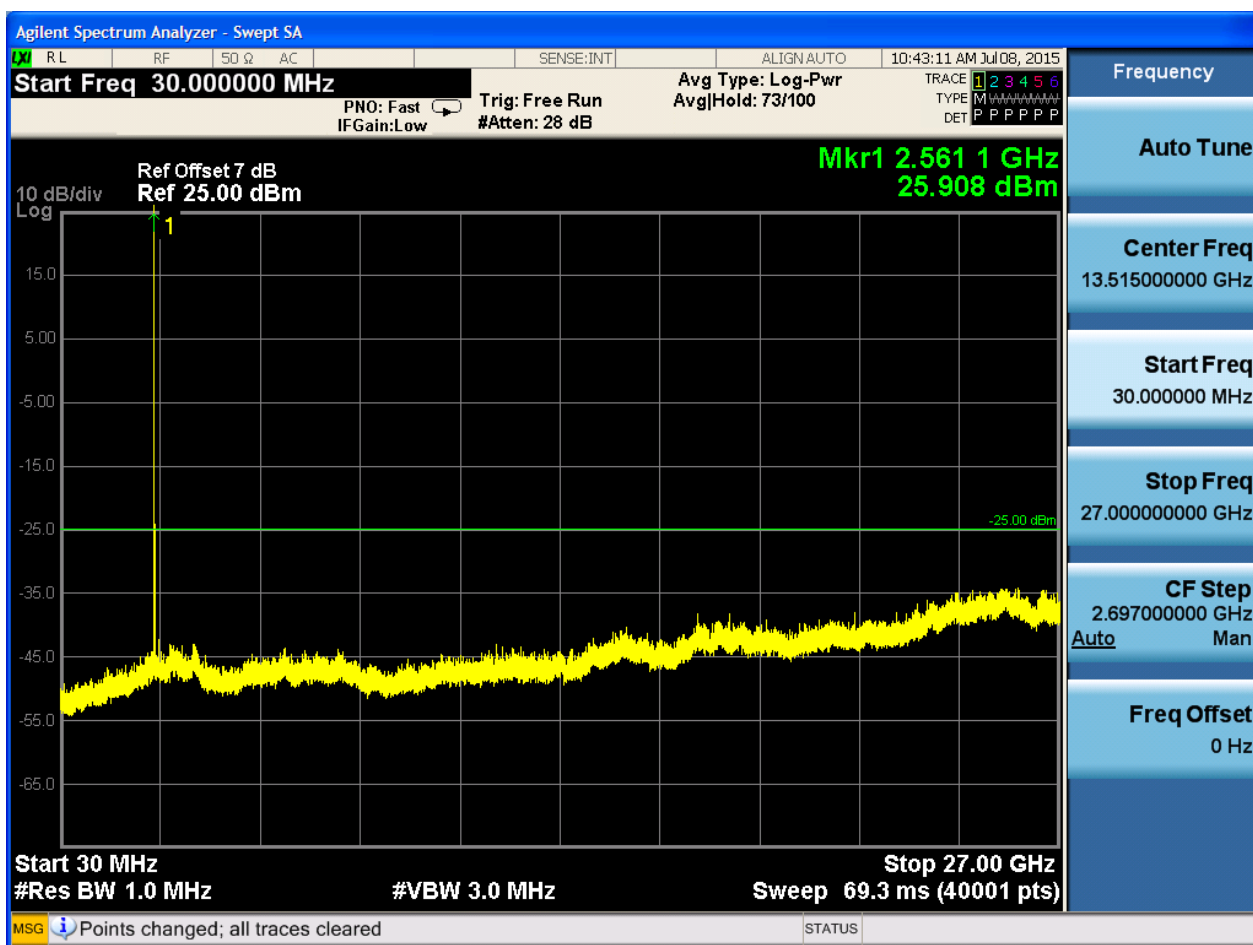


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





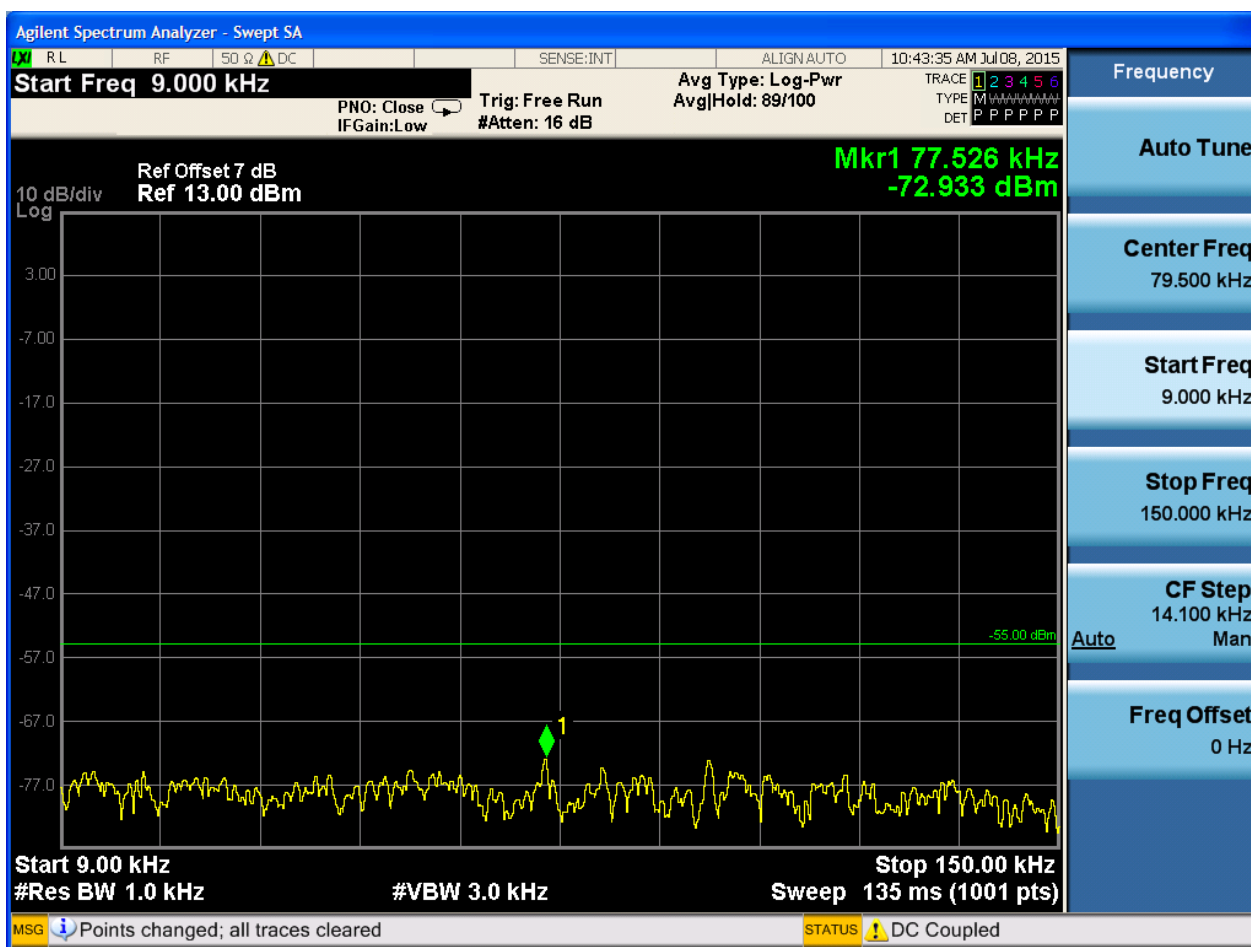


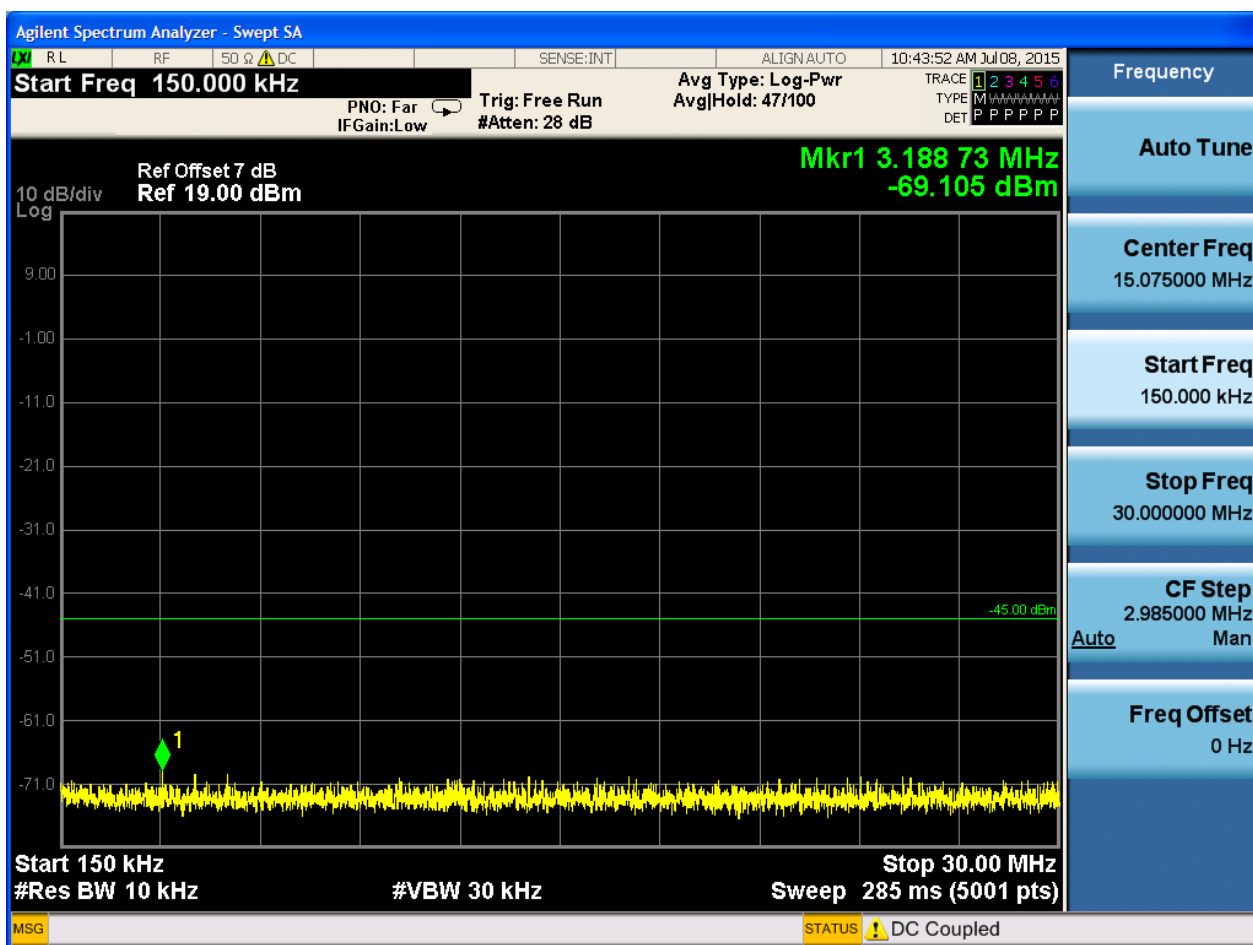


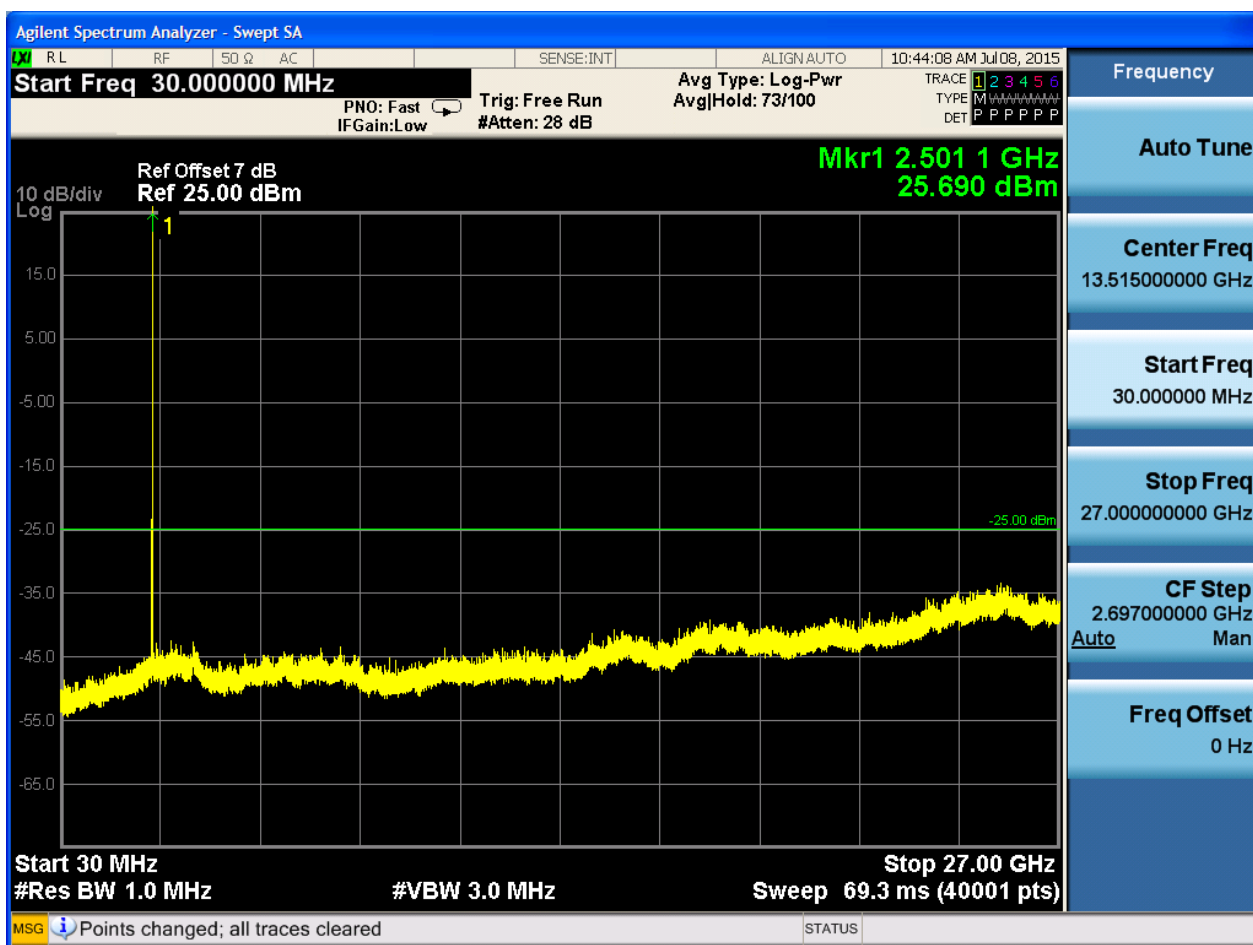
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



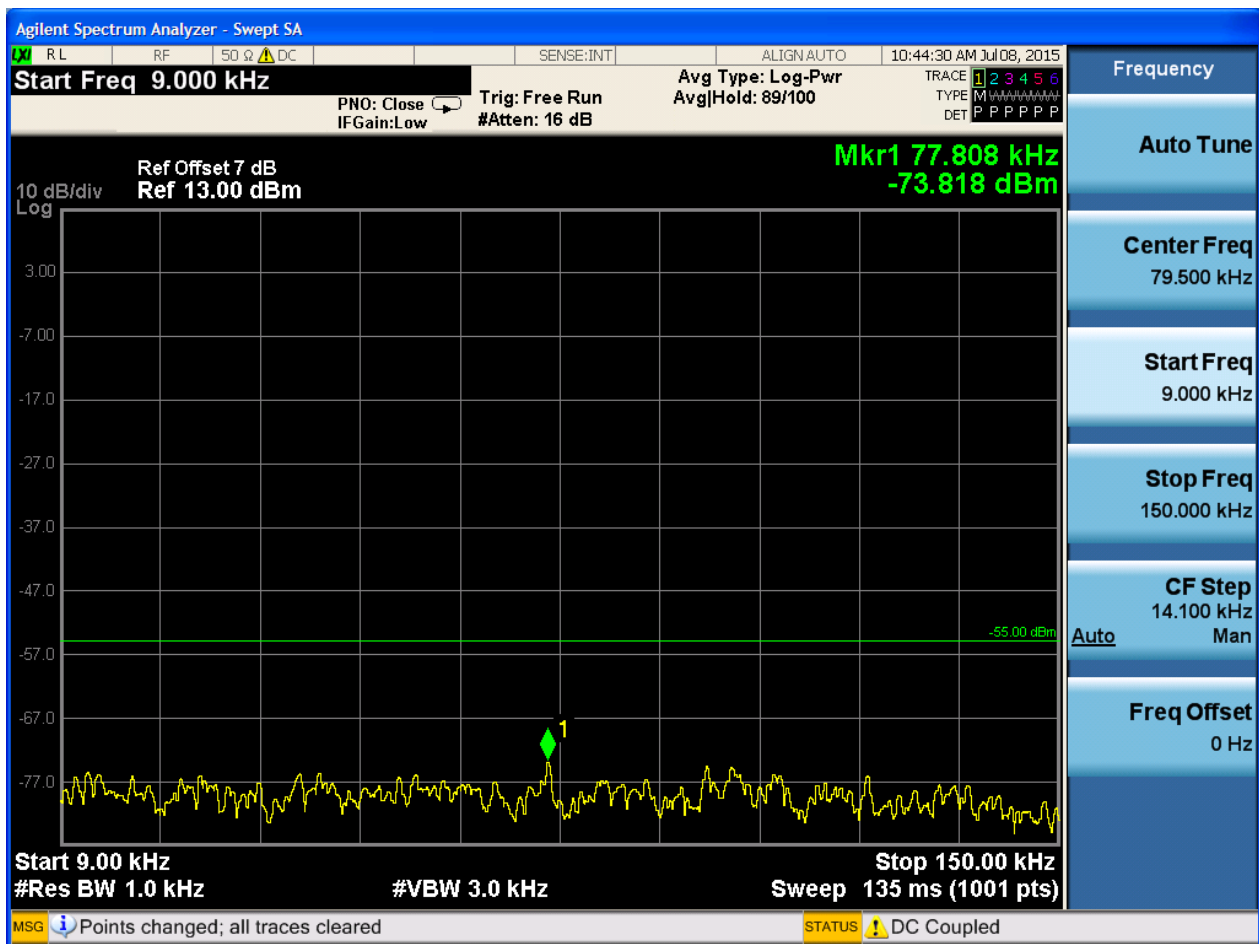


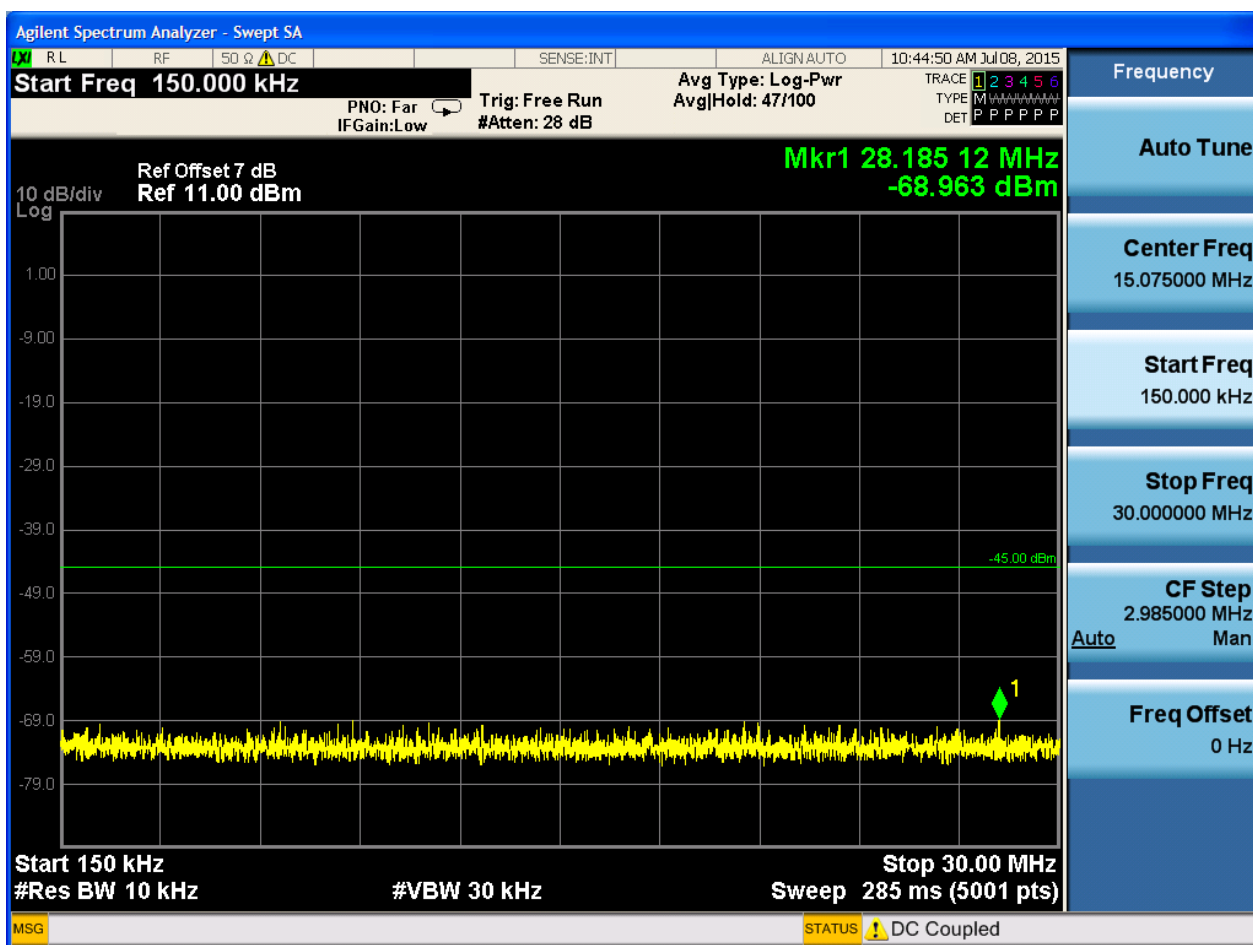


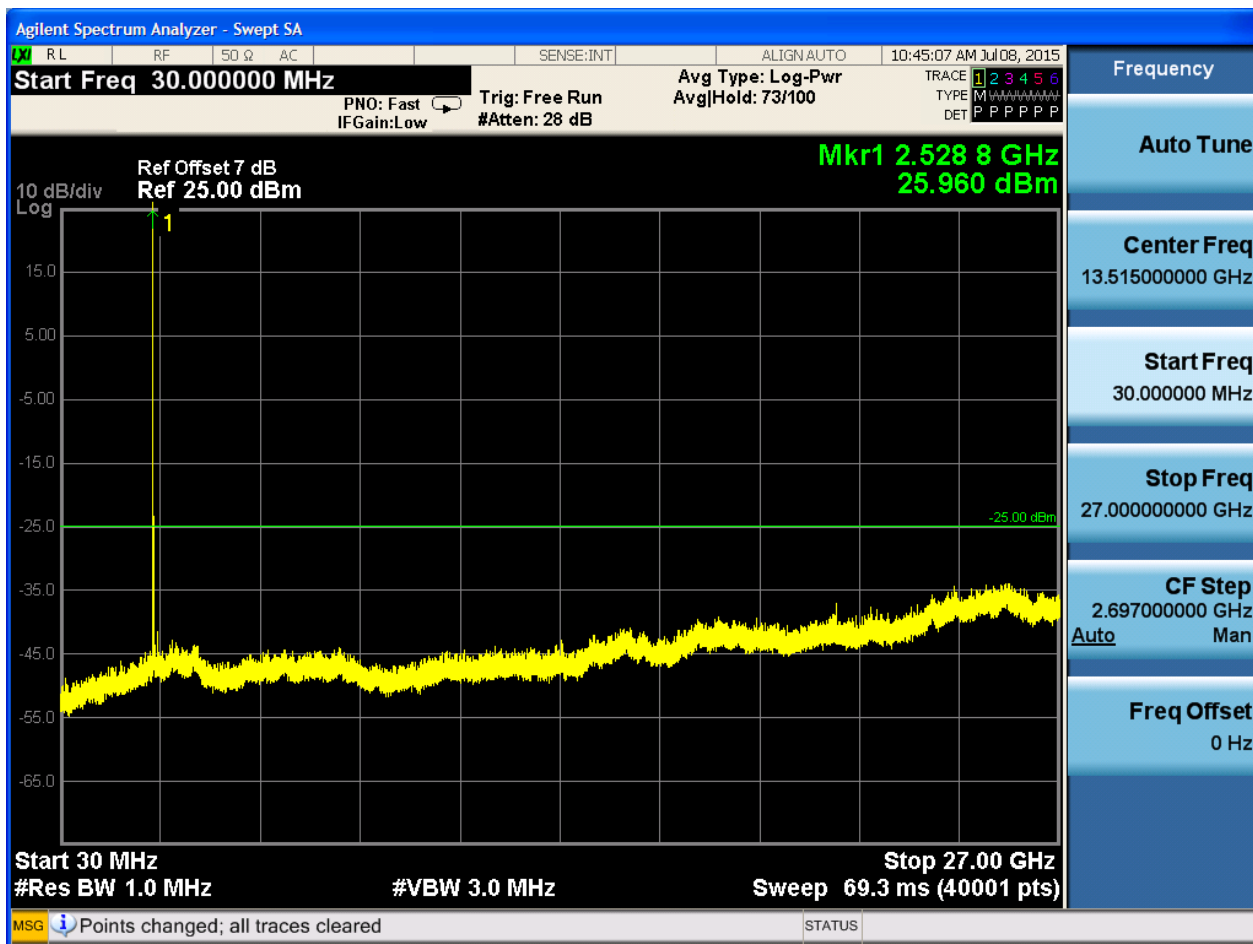


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

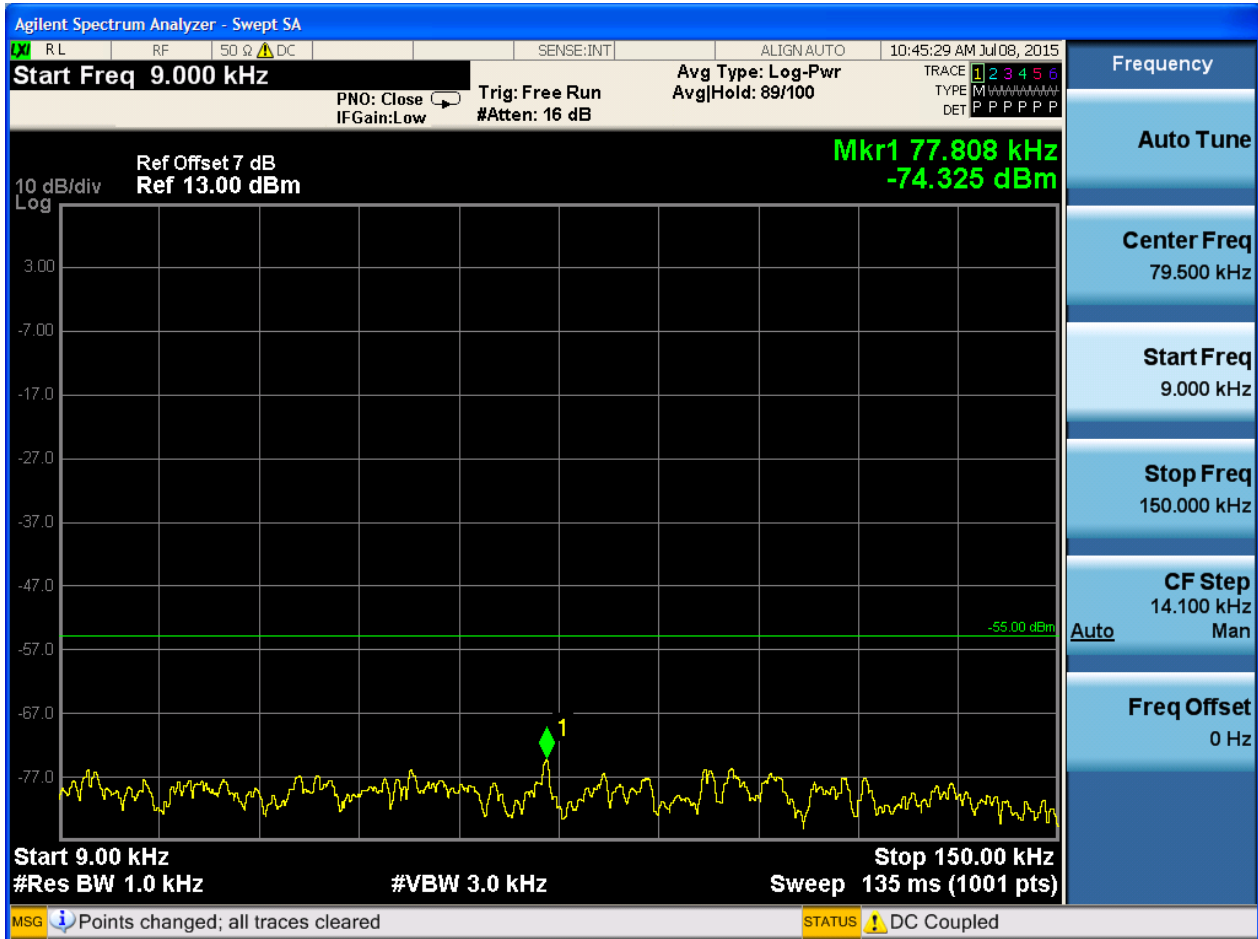


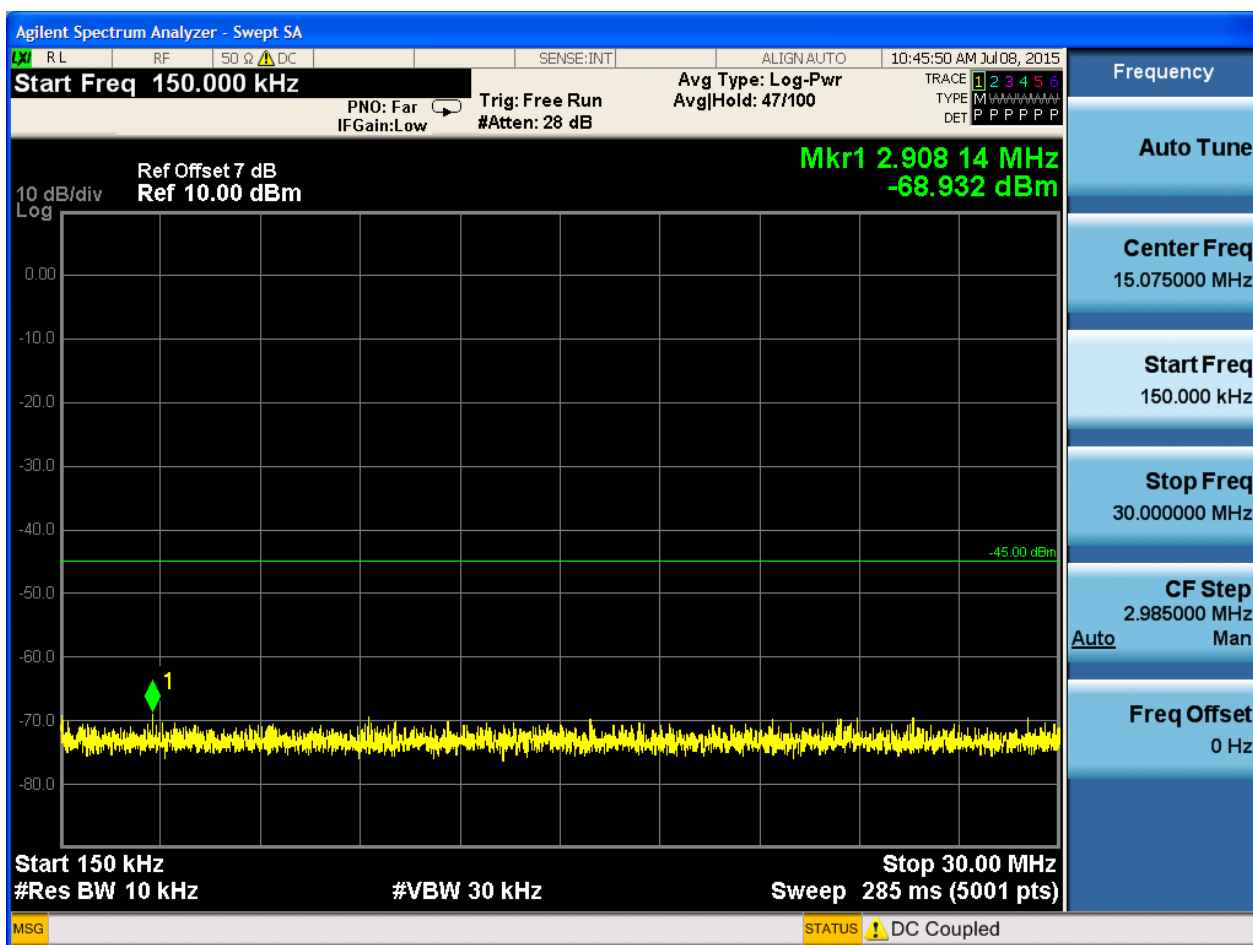


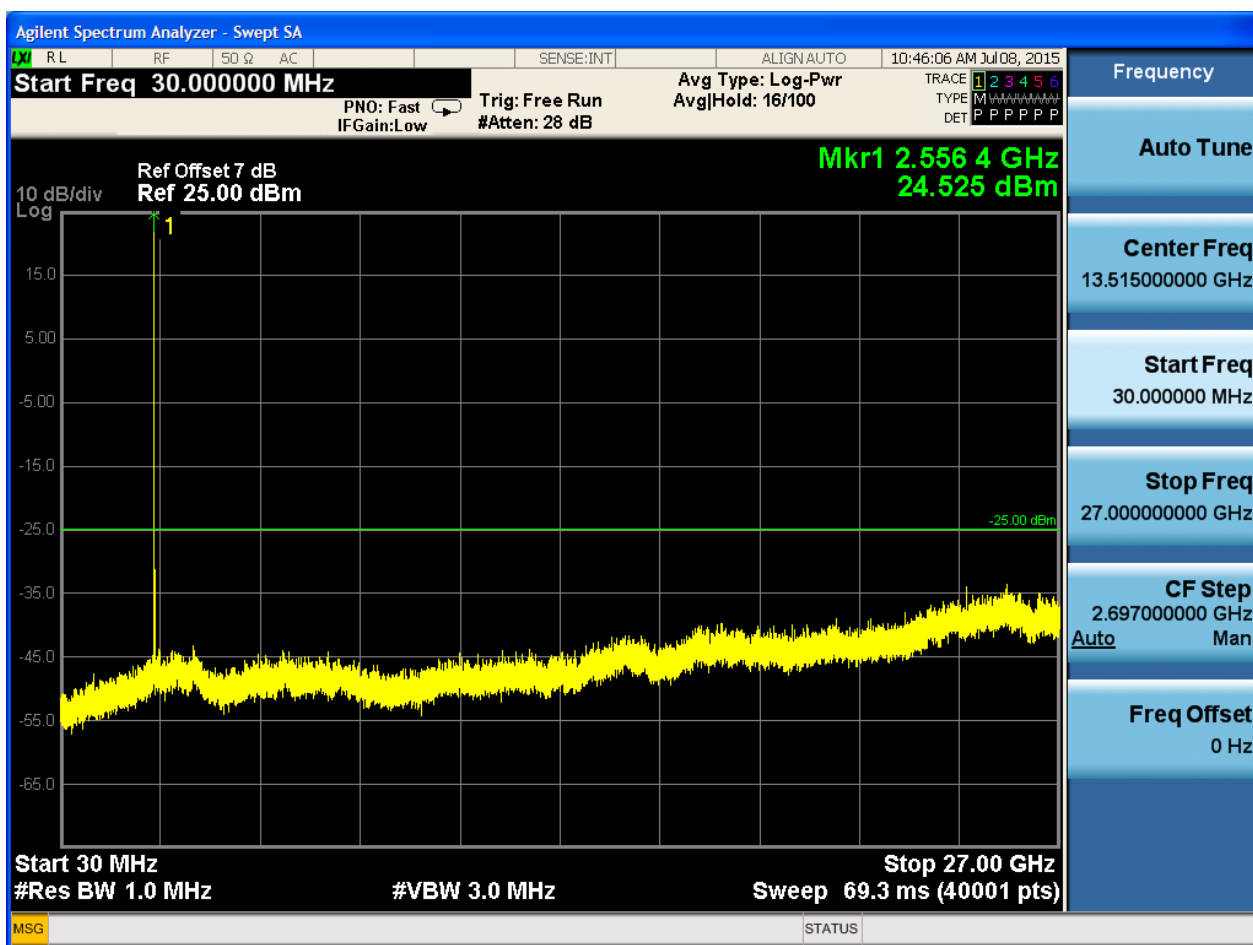




6.1.1.2.3.3.1 Test RB = RB1#0





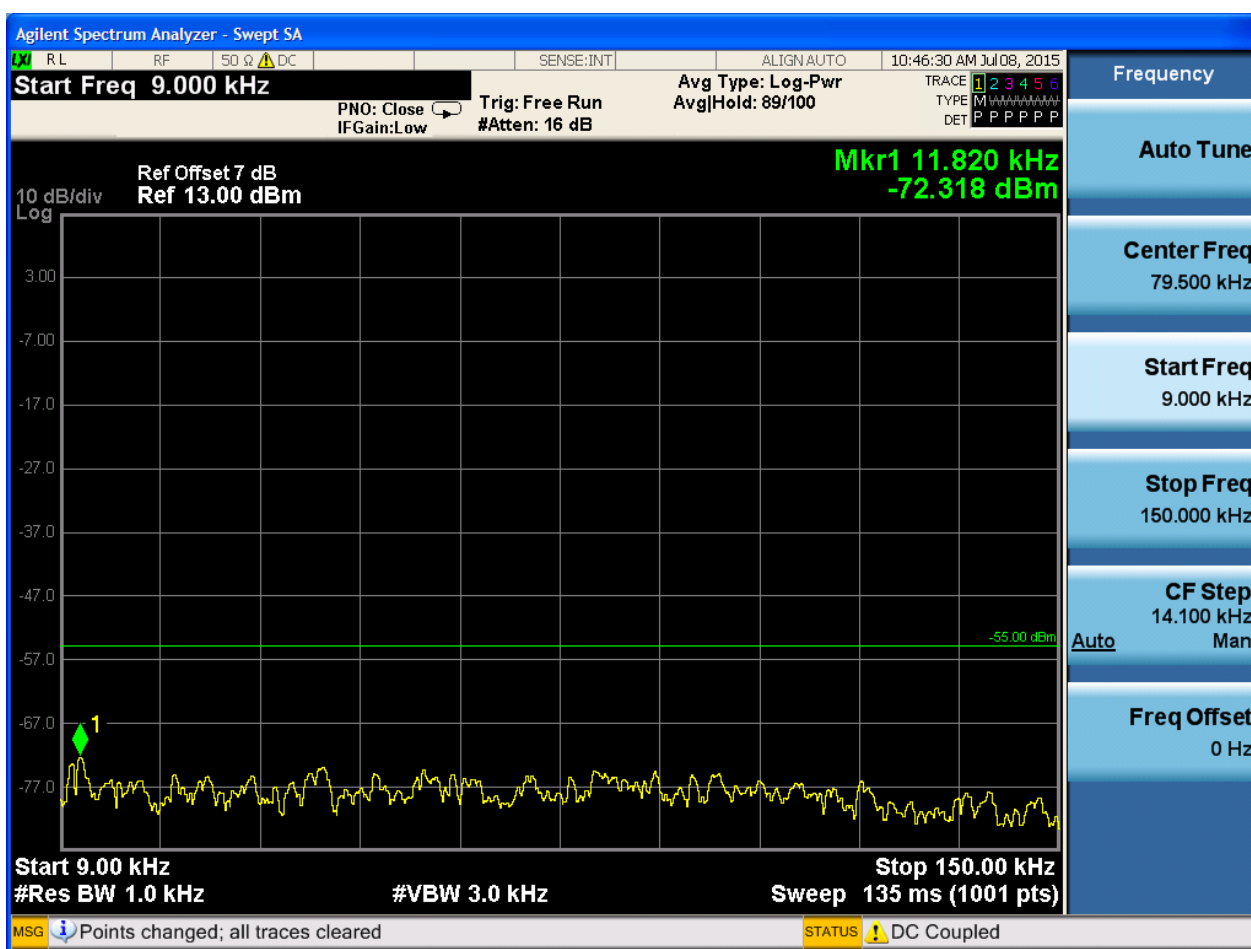


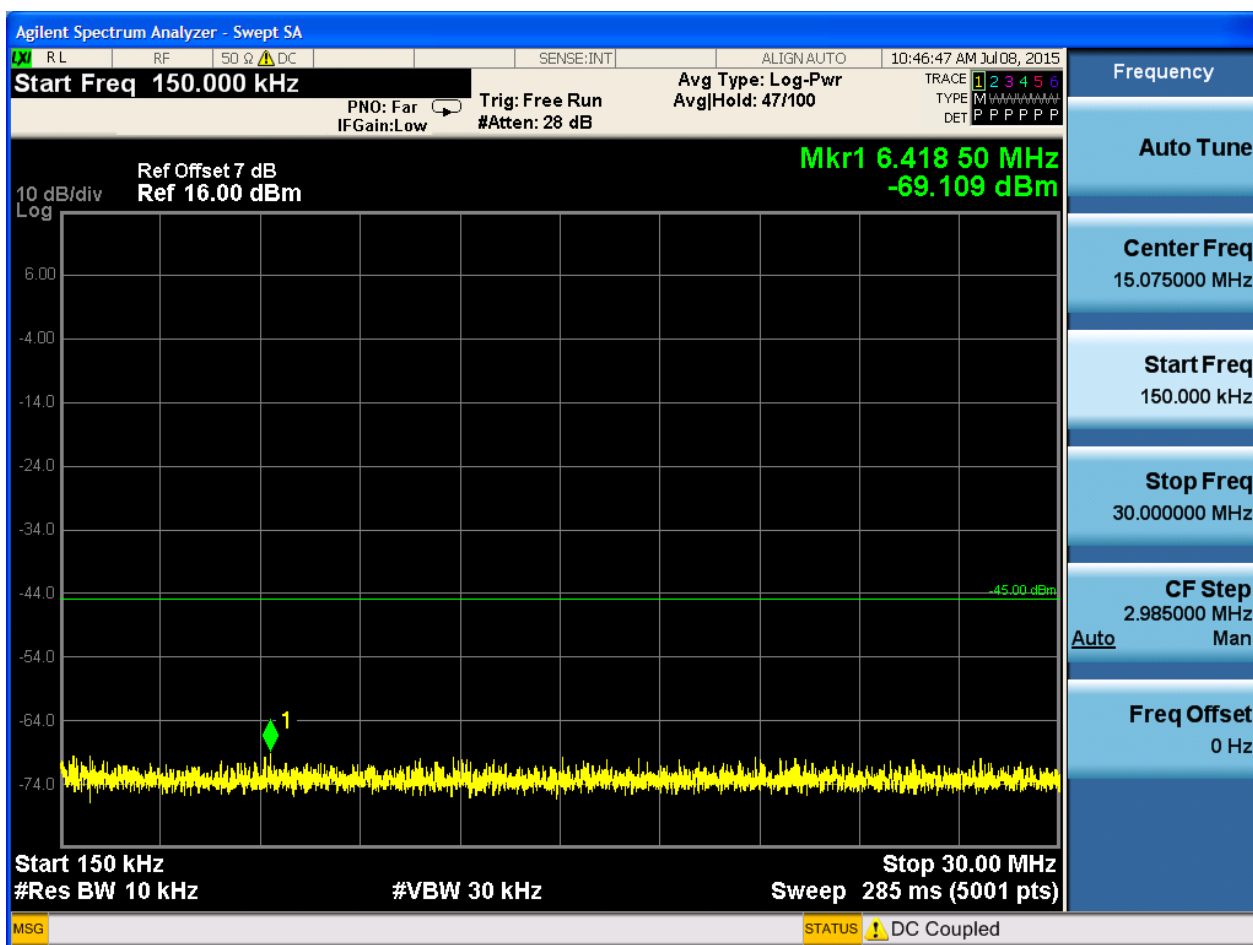


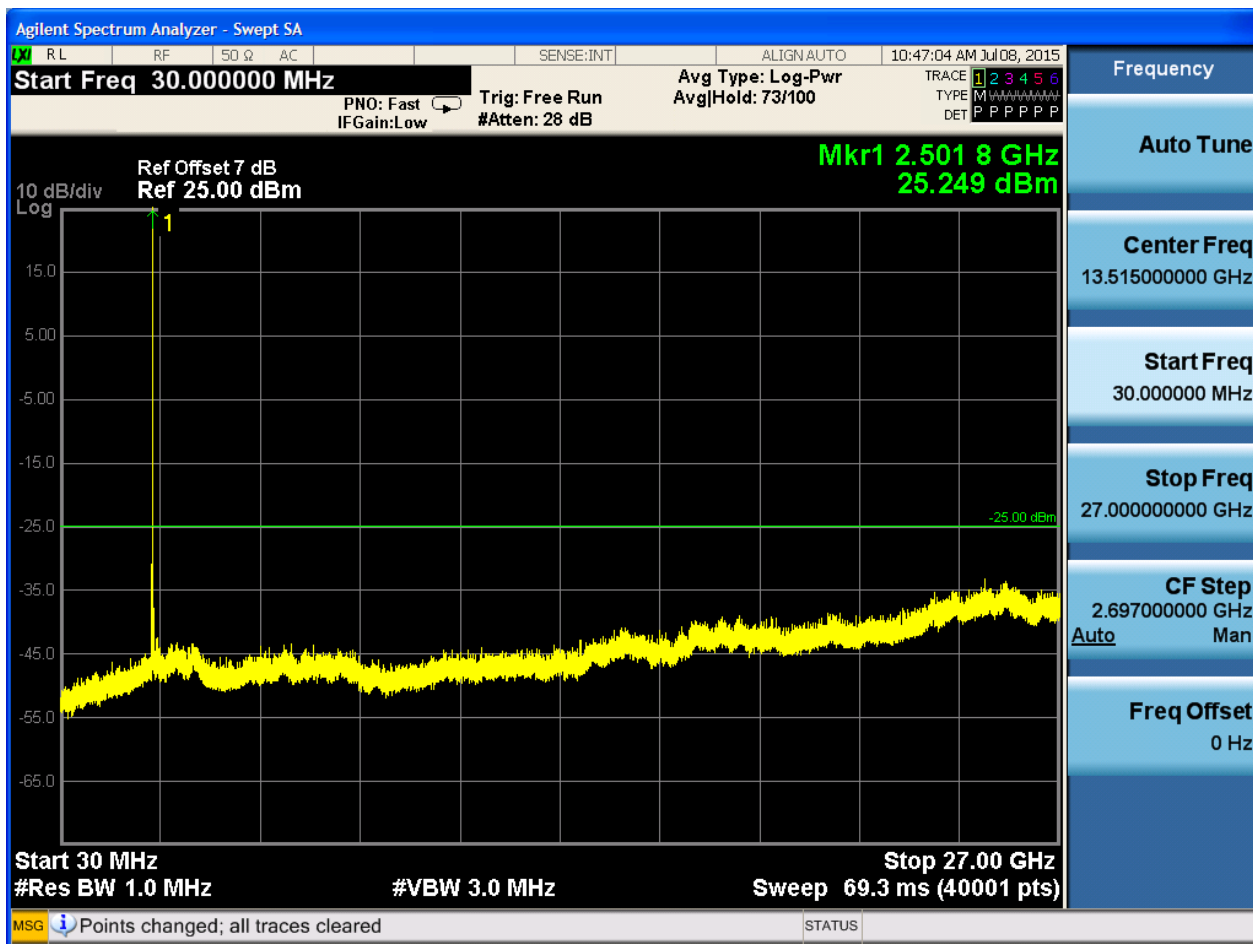
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



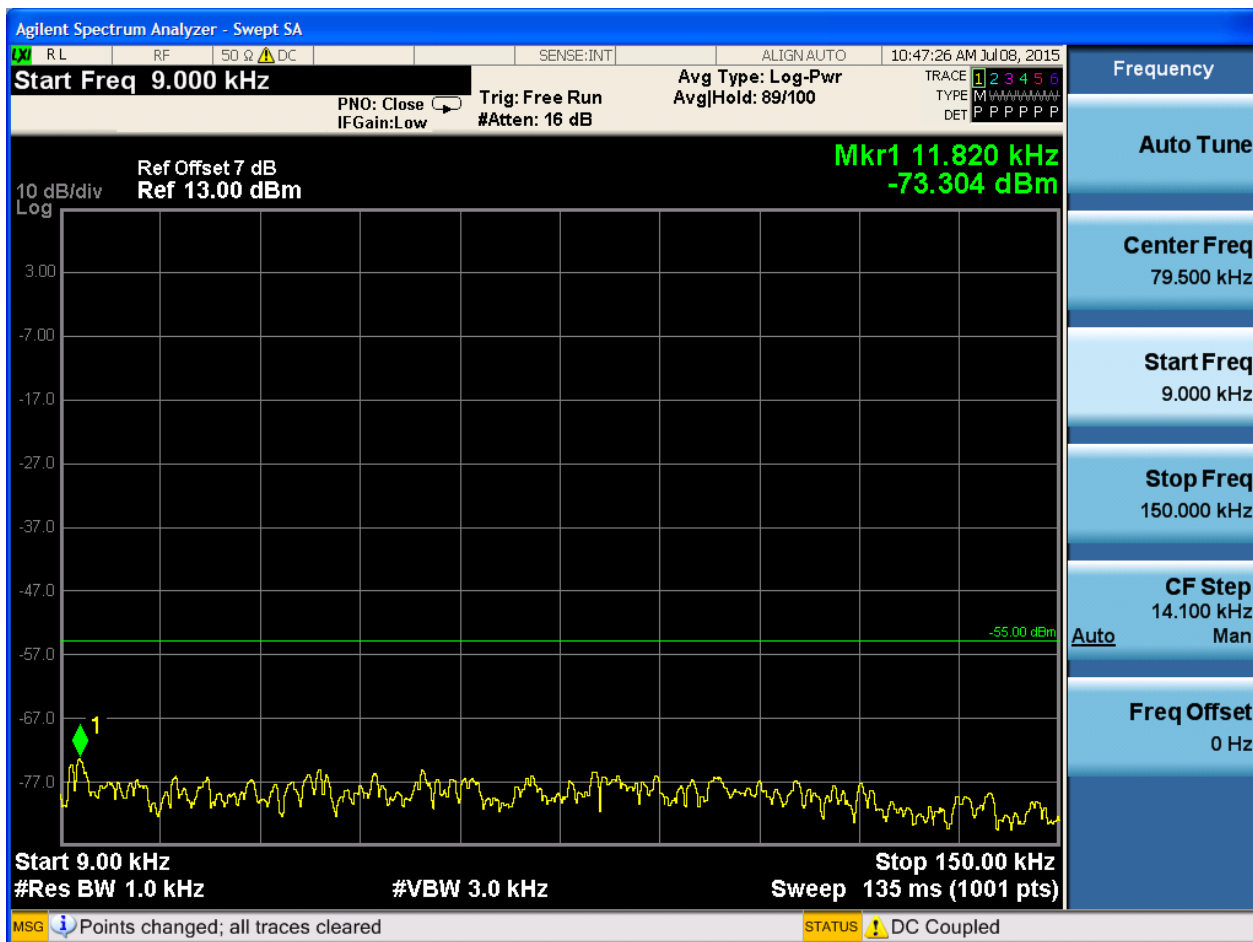


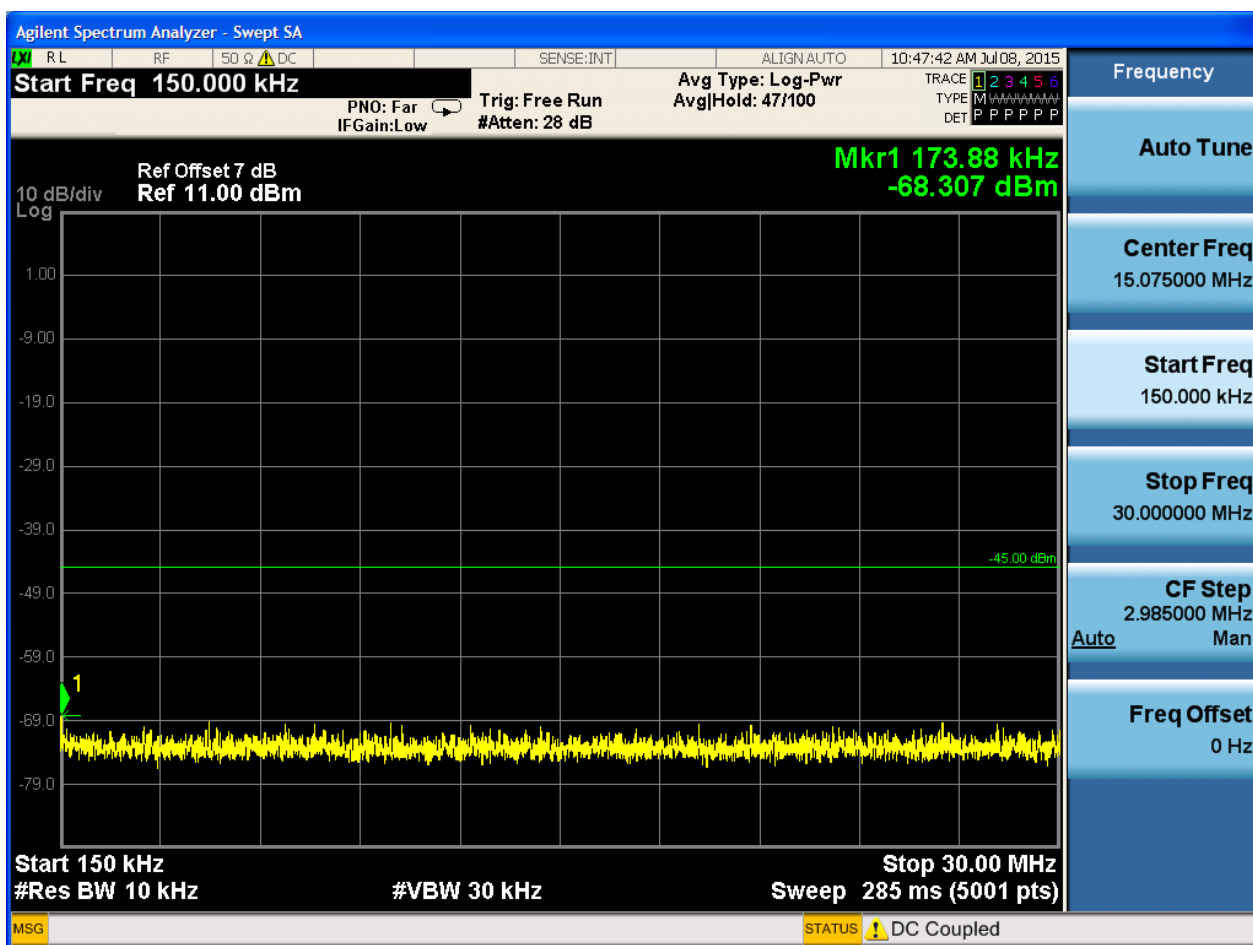


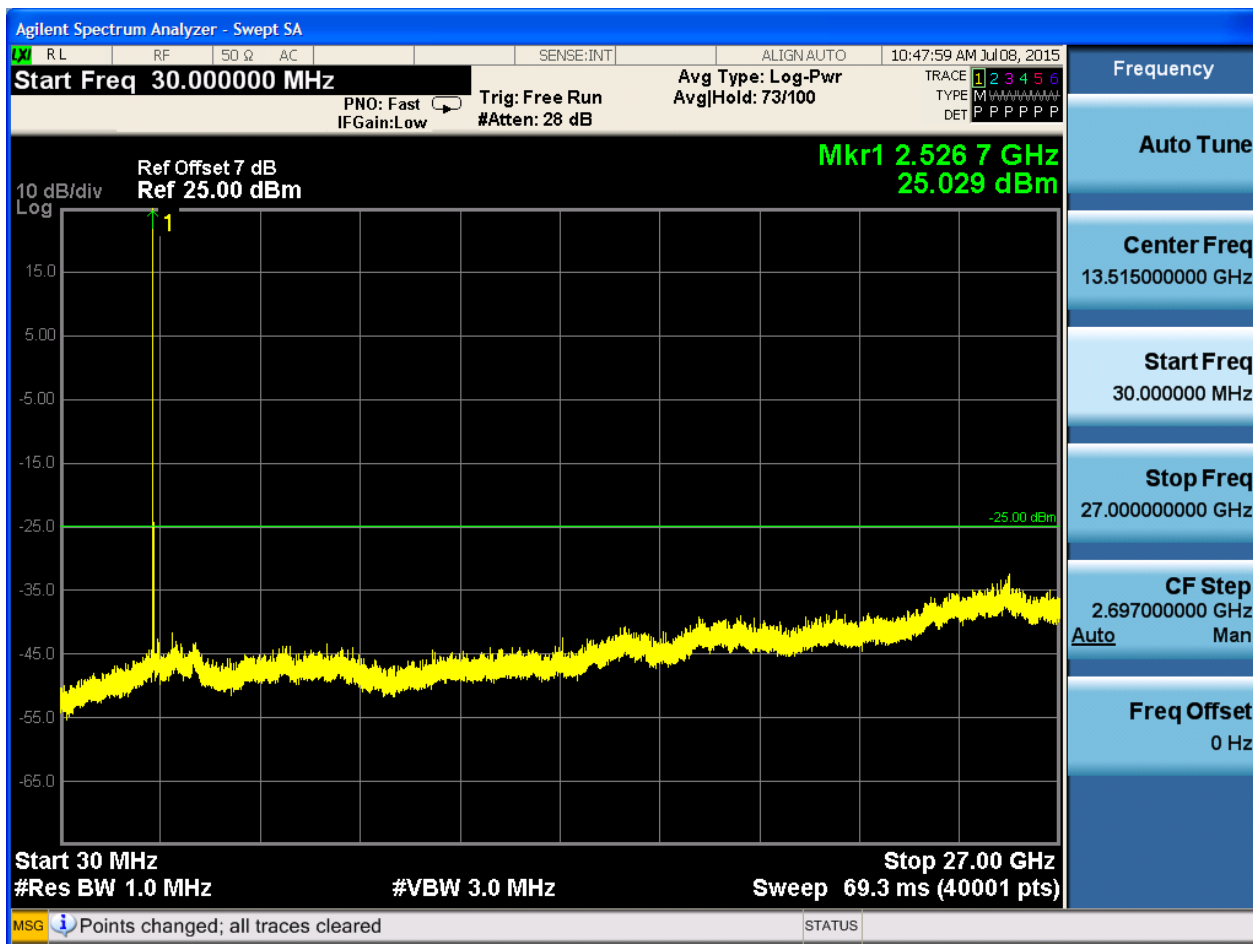


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



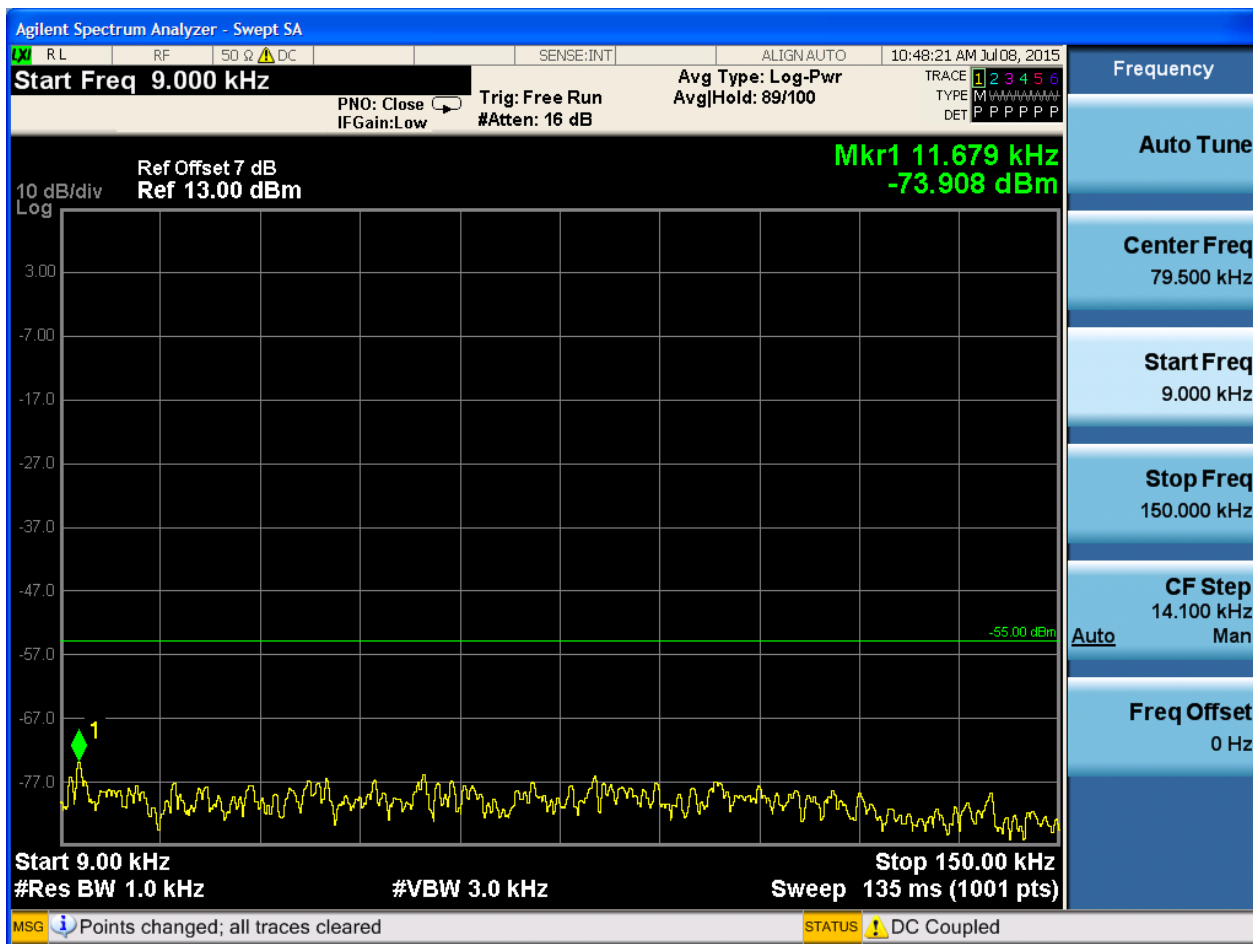


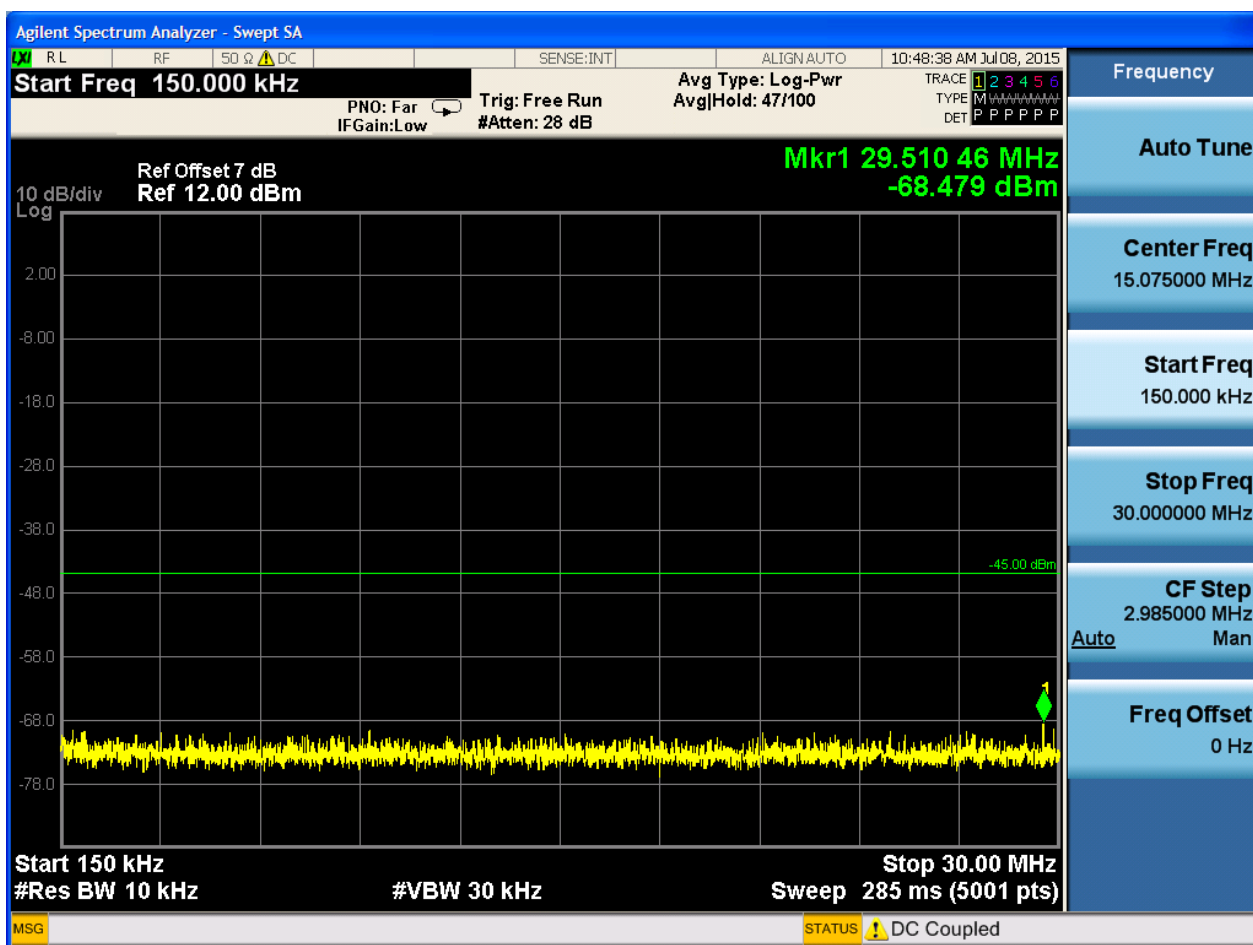


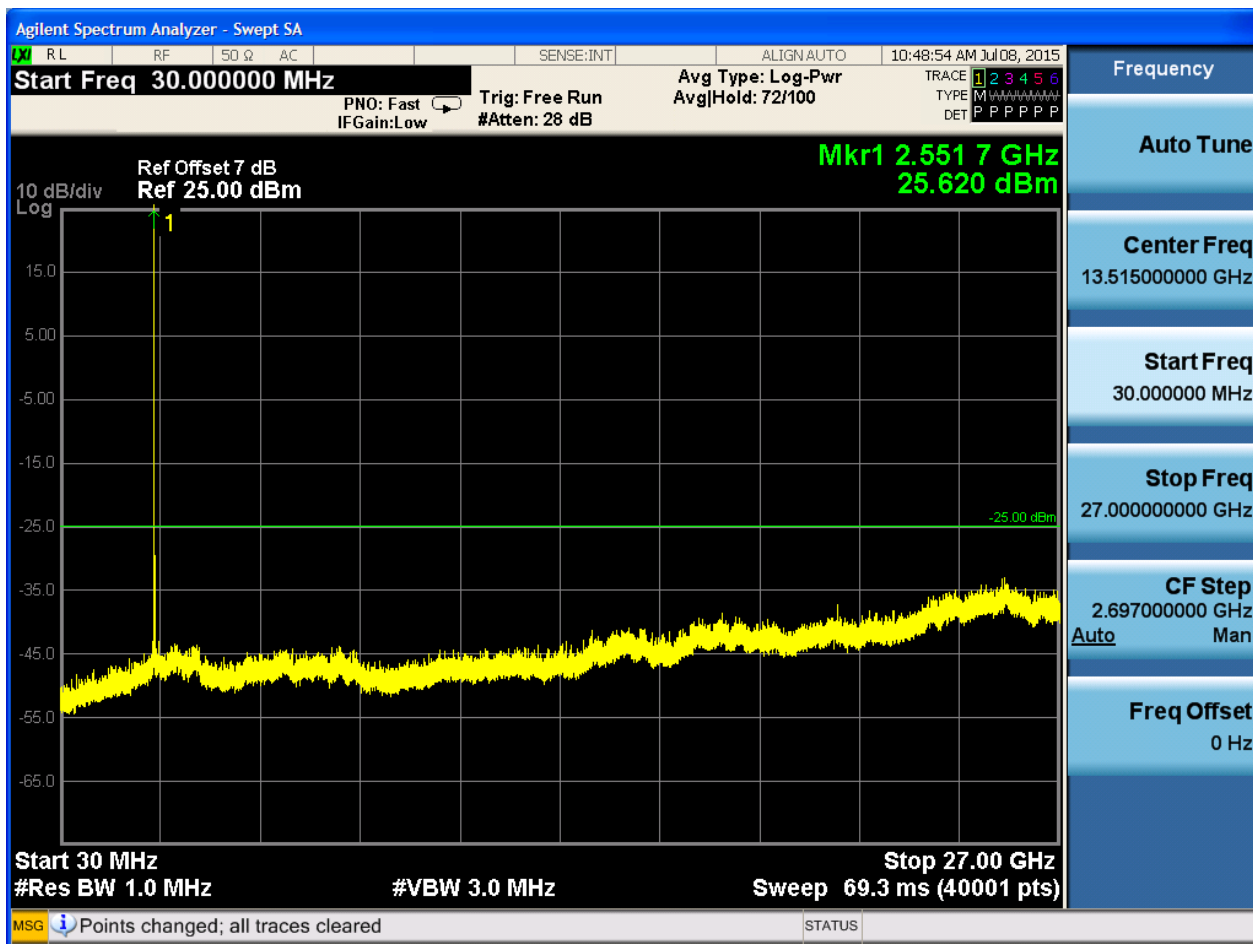


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note:

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

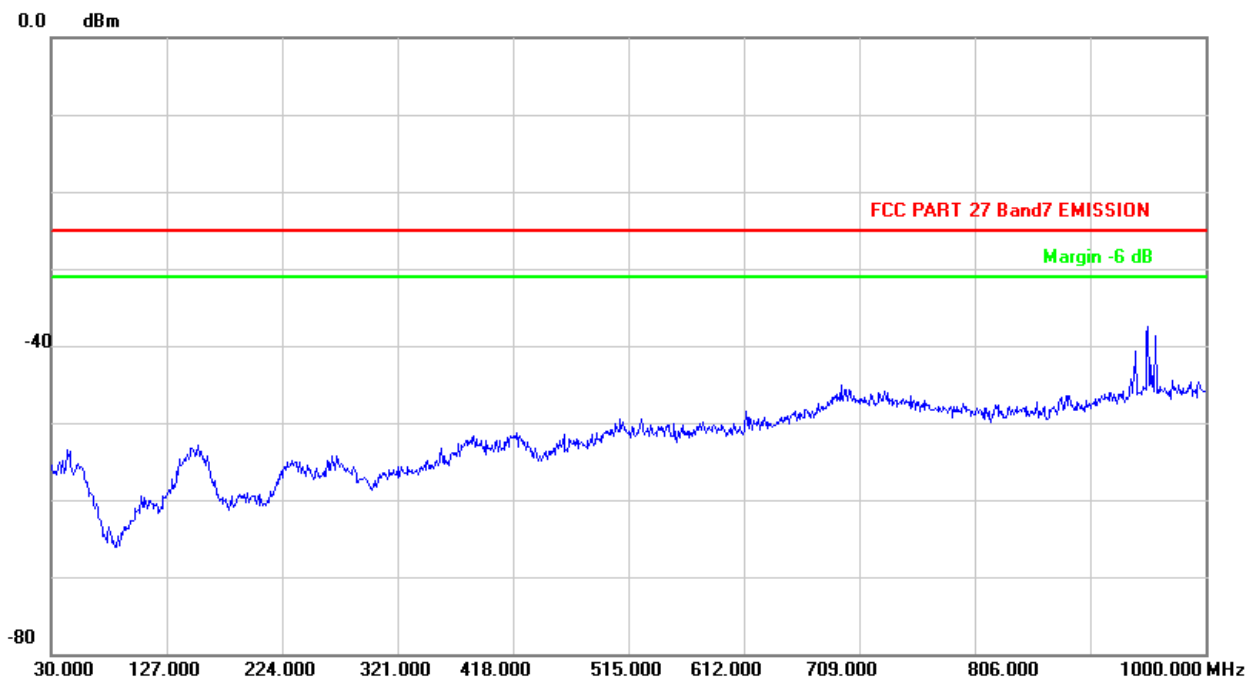
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

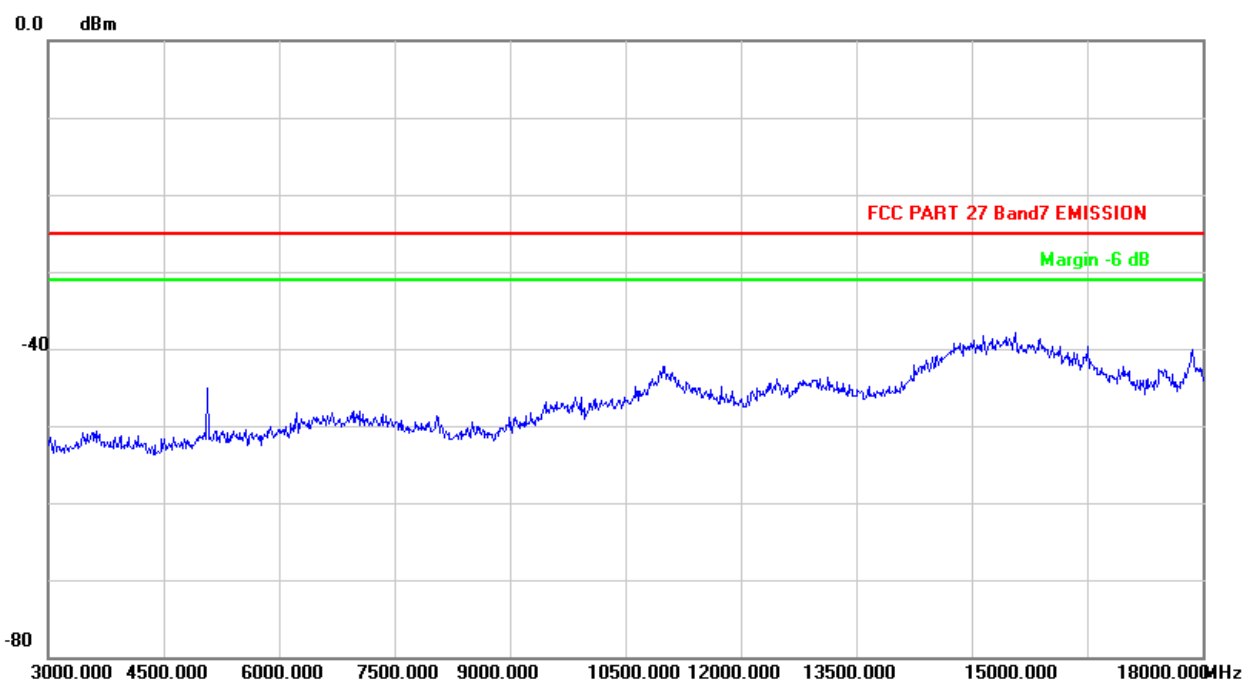
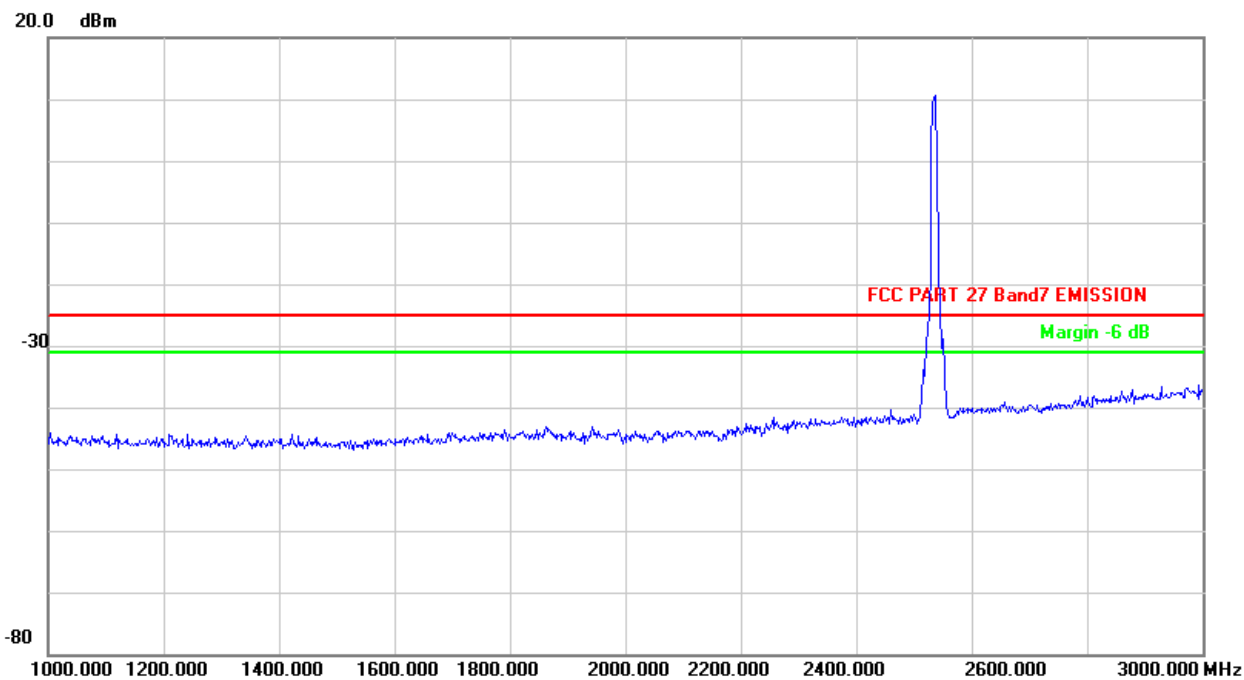
Part I - Test Plots

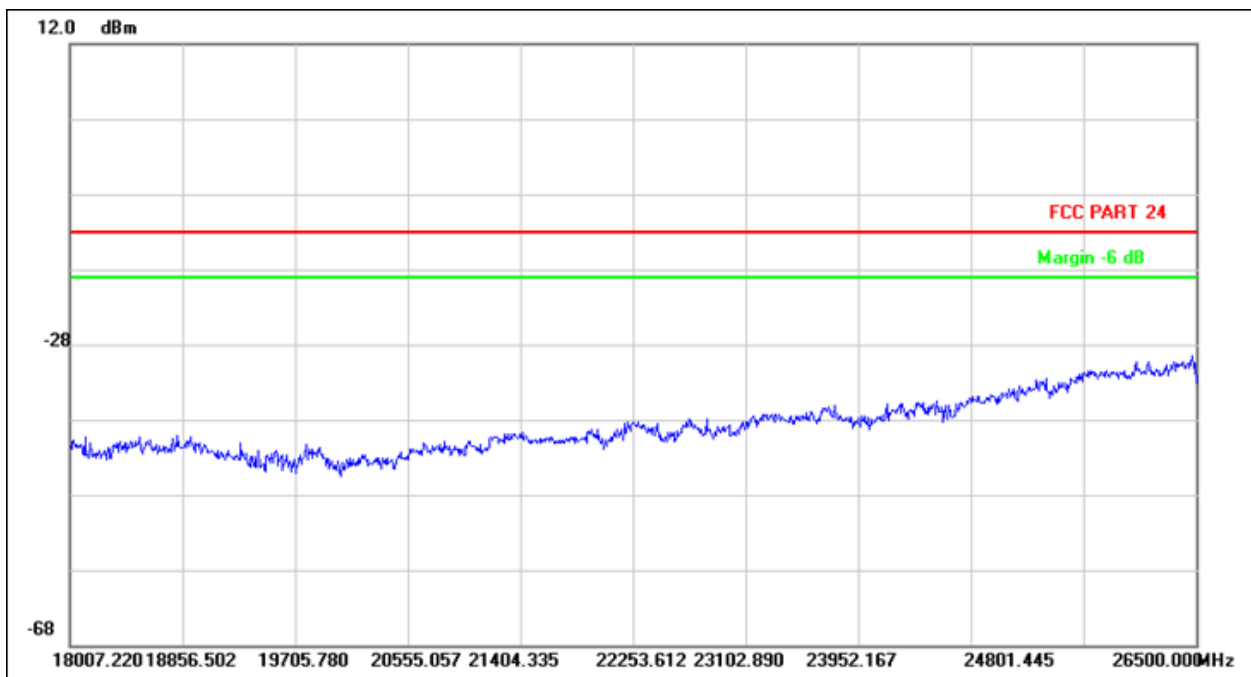
7.1 For LTE

7.1.1 Test Band = BAND7

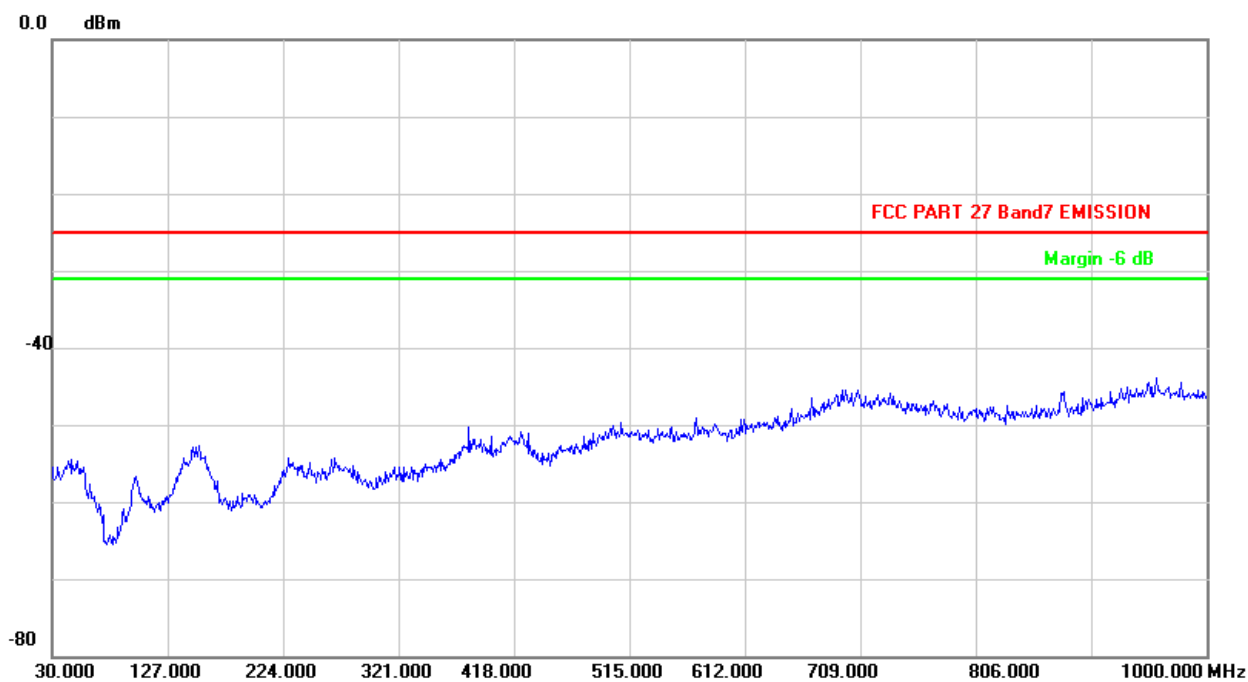
7.1.1.1 Test Bandwidth = 5

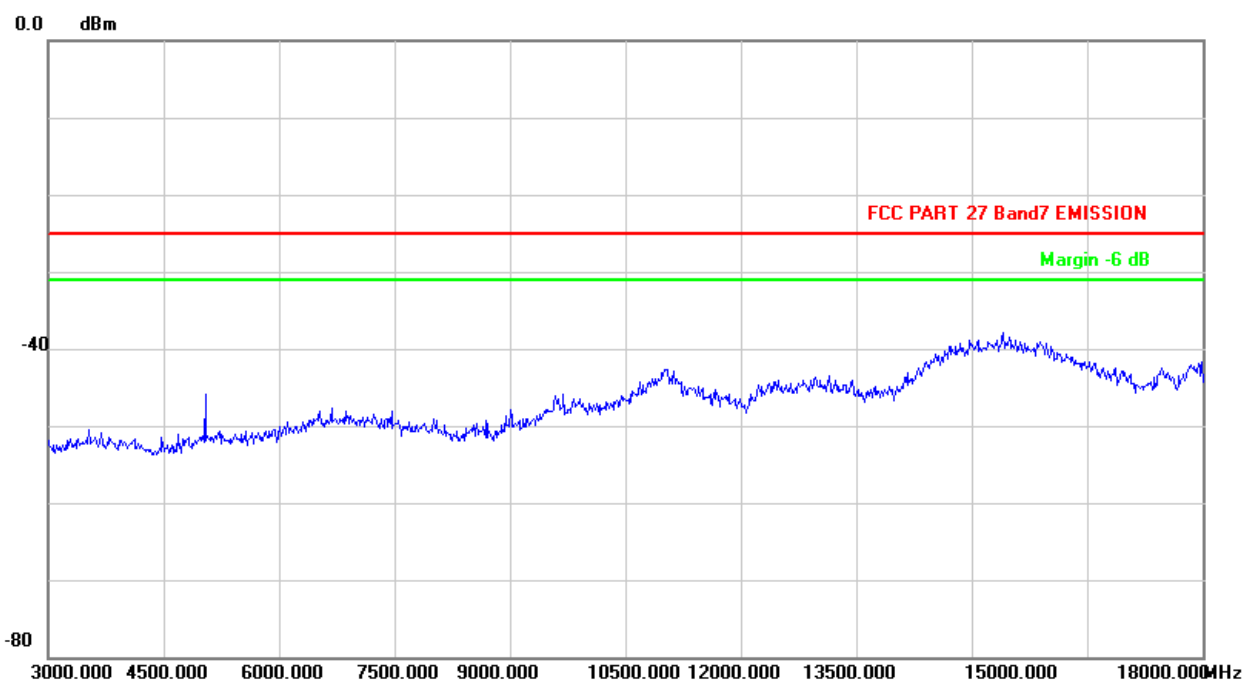
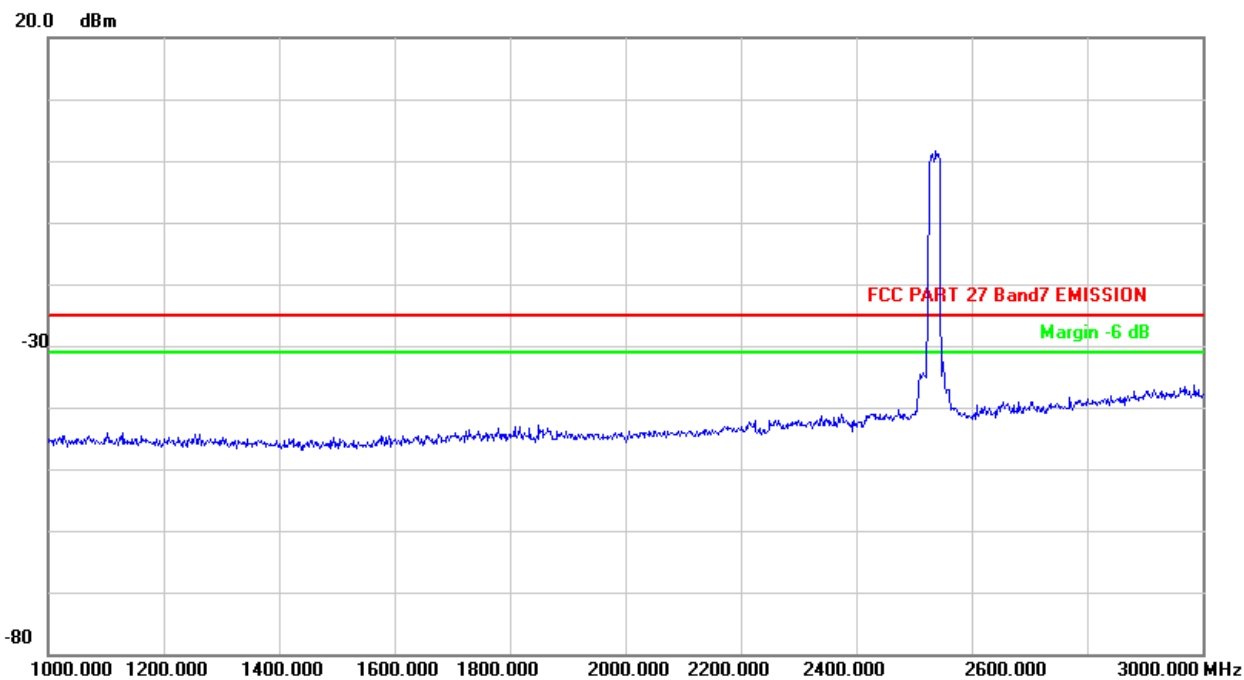


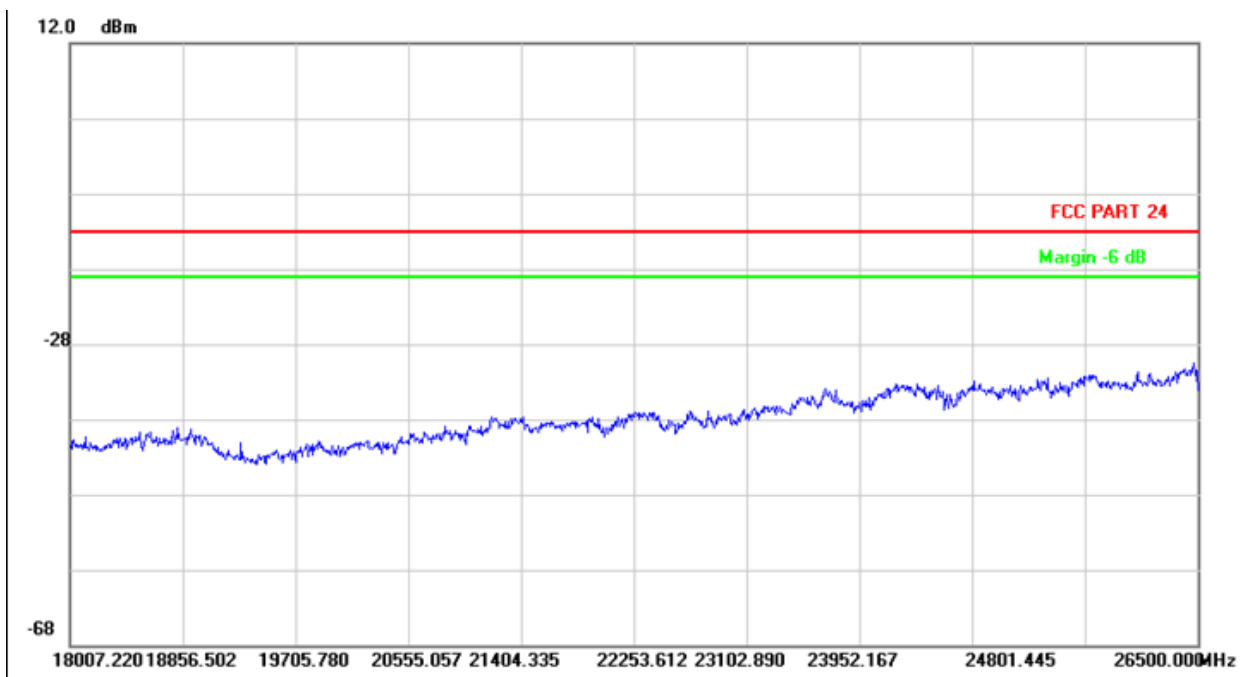




7.1.1.2 Test Bandwidth = 20









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	0.24	0.0001	PASS
					VN	-2.19	-0.00088	PASS
					VH	8.47	0.00338	PASS
			MCH	TN	VL	-14.43	-0.00569	PASS
					VN	1.03	0.00041	PASS
					VH	-6.62	-0.00261	PASS
			HCH	TN	VL	-0.73	-0.00028	PASS
					VN	-1.36	-0.00053	PASS
					VH	0.97	0.00038	PASS
		10	LCH	TN	VL	-9.31	-0.00372	PASS
					VN	1.24	0.0005	PASS
					VH	-3.42	-0.00137	PASS
			MCH	TN	VL	-2.9	-0.00114	PASS
					VN	4.46	0.00176	PASS
					VH	-2.39	-0.00094	PASS
			HCH	TN	VL	-0.69	-0.00027	PASS
					VN	8.23	0.00321	PASS
					VH	-1.14	-0.00044	PASS
		15	LCH	TN	VL	-1.57	-0.00063	PASS
					VN	-2.37	-0.00095	PASS
					VH	1.24	0.00049	PASS
			MCH	TN	VL	6.88	0.00271	PASS
					VN	0.27	0.00011	PASS
					VH	3.13	0.00123	PASS
			HCH	TN	VL	7.5	0.00293	PASS
					VN	6.44	0.00251	PASS
					VH	-0.13	-0.00005	PASS
		20	LCH	TN	VL	1.69	0.00067	PASS
					VN	3.26	0.0013	PASS
					VH	3.92	0.00156	PASS
			MCH	TN	VL	-0.34	-0.00013	PASS
					VN	0.07	0.00003	PASS
					VH	-4.51	-0.00178	PASS
			HCH	TN	VL	3.06	0.0012	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-7.5	-0.00293	PASS
					VH	-7.84	-0.00306	PASS
	LTE/TM2	5	LCH	TN	VL	2.19	0.00088	PASS
					VN	-13.1	-0.00523	PASS
					VH	5.31	0.00212	PASS
					VL	-8.5	-0.00335	PASS
			MCH	TN	VN	-9.88	-0.0039	PASS
					VH	-0.33	-0.00013	PASS
					VL	0.06	0.00002	PASS
					VN	-7.55	-0.00294	PASS
			HCH	TN	VH	-1.76	-0.00069	PASS
					VL	-5.01	-0.002	PASS
					VN	-0.14	-0.00006	PASS
					VH	3.12	0.00125	PASS
		10	MCH	TN	VL	0.56	0.00022	PASS
					VN	-6.24	-0.00246	PASS
					VH	5.29	0.00209	PASS
					VL	-2.62	-0.00102	PASS
			HCH	TN	VN	-6.55	-0.00255	PASS
					VH	-11.22	-0.00437	PASS
					VL	-8.34	-0.00333	PASS
					VN	-0.46	-0.00018	PASS
		15	MCH	TN	VH	-2.25	-0.0009	PASS
					VL	-0.44	-0.00017	PASS
					VN	6.22	0.00245	PASS
					VH	-0.34	-0.00013	PASS
			HCH	TN	VL	-9.9	-0.00386	PASS
					VN	2.49	0.00097	PASS
					VH	6.41	0.0025	PASS
					VL	-0.26	-0.0001	PASS
		20	MCH	TN	VN	1.32	0.00053	PASS
					VH	3.92	0.00156	PASS
					VL	0.11	0.00004	PASS
					VN	3.3	0.0013	PASS
			HCH	TN	VH	2.76	0.00109	PASS
					VL	7.62	0.00298	PASS
					VN	0.03	0.00001	PASS
					VH	3.81	0.00149	PASS

8.2 For LTE

8.2.1 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND7	LTE/TM1	5	LCH	VN	-30	0.36	0.00014	PASS
					-20	-0.62	-0.00025	PASS
					-10	1.73	0.00069	PASS
					0	-1.9	-0.00076	PASS
					10	-1.73	-0.00069	PASS
					20	-0.53	-0.00021	PASS
					30	-4.02	-0.00161	PASS
					40	0.89	0.00036	PASS
					50	-0.19	-0.00008	PASS
			MCH	VN	-30	0.33	0.00013	PASS
					-20	-2.53	-0.001	PASS
					-10	1.26	0.0005	PASS
					0	0.94	0.00037	PASS
					10	2.66	0.00105	PASS
					20	-0.43	-0.00017	PASS
					30	0.79	0.00031	PASS
					40	-0.09	-0.00004	PASS
					50	2.16	0.00085	PASS
			HCH	VN	-30	1.33	0.00052	PASS
					-20	2.57	0.001	PASS
					-10	-1.37	-0.00053	PASS
					0	0.82	0.00032	PASS
					10	-2.2	-0.00086	PASS
					20	-2.37	-0.00092	PASS
					30	1.26	0.00049	PASS
					40	0.97	0.00038	PASS
					50	0.03	0.00001	PASS
		10	LCH	VN	-30	-0.5	-0.0002	PASS
					-20	-2.22	-0.00089	PASS
					-10	-1.23	-0.00049	PASS
					0	-1.06	-0.00042	PASS
					10	-0.23	-0.00009	PASS
					20	0.46	0.00018	PASS
					30	0.76	0.0003	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.54	0.00022	PASS
					50	-0.69	-0.00028	PASS
			MCH	VN	-30	-2.8	-0.0011	PASS
					-20	-0.2	-0.00008	PASS
					-10	-0.26	-0.0001	PASS
					0	2.07	0.00082	PASS
					10	-2.17	-0.00086	PASS
					20	-1.33	-0.00052	PASS
					30	-0.83	-0.00033	PASS
					40	0.94	0.00037	PASS
					50	-5.21	-0.00206	PASS
			HCH	VN	-30	-0.43	-0.00017	PASS
					-20	2.32	0.0009	PASS
					-10	-0.51	-0.0002	PASS
					0	-0.06	-0.00002	PASS
					10	-1.65	-0.00064	PASS
					20	-0.24	-0.00009	PASS
					30	2.12	0.00083	PASS
					40	-0.87	-0.00034	PASS
					50	0.3	0.00012	PASS
		15	LCH	VN	-30	1.17	0.00047	PASS
					-20	-1.75	-0.0007	PASS
					-10	0.16	0.00006	PASS
					0	1.97	0.00079	PASS
					10	1.22	0.00049	PASS
					20	0.13	0.00005	PASS
					30	-1.76	-0.0007	PASS
					40	1.23	0.00049	PASS
					50	0.64	0.00026	PASS
			MCH	VN	-30	-0.54	-0.00021	PASS
					-20	-1.57	-0.00062	PASS
					-10	2.02	0.0008	PASS
					0	2.6	0.00103	PASS
					10	0.3	0.00012	PASS
					20	0.64	0.00025	PASS
					30	0.41	0.00016	PASS
					40	0.72	0.00028	PASS
					50	-0.31	-0.00012	PASS
			HCH	VN	-30	1.85	0.00072	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	0.51	0.0002	PASS
					-10	-1.87	-0.00073	PASS
					0	-1.57	-0.00061	PASS
					10	1.37	0.00053	PASS
					20	0.54	0.00021	PASS
					30	1.22	0.00048	PASS
					40	-0.73	-0.00028	PASS
					50	-0.1	-0.00004	PASS
		20	LCH	VN	-30	-0.51	-0.0002	PASS
					-20	-0.56	-0.00022	PASS
					-10	-0.94	-0.00037	PASS
					0	-0.92	-0.00037	PASS
					10	1.34	0.00053	PASS
					20	0.23	0.00009	PASS
					30	-1.37	-0.00055	PASS
					40	-0.64	-0.00025	PASS
					50	-0.21	-0.00008	PASS
			MCH	VN	-30	0.16	0.00006	PASS
					-20	-0.9	-0.00036	PASS
					-10	-2.03	-0.0008	PASS
					0	-0.89	-0.00035	PASS
					10	0.99	0.00039	PASS
					20	-0.73	-0.00029	PASS
					30	1	0.00039	PASS
					40	0.26	0.0001	PASS
					50	-0.33	-0.00013	PASS
			HCH	VN	-30	-0.16	-0.00006	PASS
					-20	-1.52	-0.00059	PASS
					-10	-0.7	-0.00027	PASS
					0	-0.84	-0.00033	PASS
					10	-0.16	-0.00006	PASS
					20	-1.54	-0.0006	PASS
					30	-0.36	-0.00014	PASS
					40	-2.3	-0.0009	PASS
					50	0.21	0.00008	PASS
	LTE/TM2	5	LCH	VN	-30	-1.7	-0.00068	PASS
					-20	2.9	0.00116	PASS
					-10	0.86	0.00034	PASS
					0	-0.82	-0.00033	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.29	-0.00052	PASS
					20	-2.85	-0.00114	PASS
					30	-0.8	-0.00032	PASS
					40	-0.11	-0.00004	PASS
					50	-0.96	-0.00038	PASS
			MCH	VN	-30	-3.83	-0.00151	PASS
					-20	-1.03	-0.00041	PASS
					-10	0.5	0.0002	PASS
					0	-0.11	-0.00004	PASS
					10	-0.44	-0.00017	PASS
					20	0.31	0.00012	PASS
					30	-2.22	-0.00088	PASS
					40	3.05	0.0012	PASS
					50	-3.98	-0.00157	PASS
			HCH	VN	-30	0.53	0.00021	PASS
					-20	-1.89	-0.00074	PASS
					-10	-0.57	-0.00022	PASS
					0	1.43	0.00056	PASS
					10	-2.3	-0.0009	PASS
					20	-0.6	-0.00023	PASS
					30	-3.08	-0.0012	PASS
					40	-0.4	-0.00016	PASS
					50	0.96	0.00037	PASS
		10	LCH	VN	-30	1.37	0.00055	PASS
					-20	1.89	0.00075	PASS
					-10	1.7	0.00068	PASS
					0	-3.19	-0.00127	PASS
					10	1.43	0.00057	PASS
					20	1.16	0.00046	PASS
					30	0.86	0.00034	PASS
					40	0.77	0.00031	PASS
					50	3.53	0.00141	PASS
			MCH	VN	-30	-2.45	-0.00097	PASS
					-20	0.5	0.0002	PASS
					-10	-2.85	-0.00112	PASS
					0	0.24	0.00009	PASS
					10	0.34	0.00013	PASS
					20	1.93	0.00076	PASS
					30	-0.13	-0.00005	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.47	0.00058	PASS
					50	-1.03	-0.00041	PASS
			HCH	VN	-30	0.63	0.00025	PASS
					-20	1.42	0.00055	PASS
					-10	-0.72	-0.00028	PASS
					0	-0.34	-0.00013	PASS
					10	4.03	0.00157	PASS
					20	-1.75	-0.00068	PASS
					30	2.53	0.00099	PASS
					40	3.02	0.00118	PASS
					50	-0.43	-0.00017	PASS
		15	LCH	VN	-30	0.37	0.00015	PASS
					-20	0.37	0.00015	PASS
					-10	-0.49	-0.0002	PASS
					0	0.09	0.00004	PASS
					10	-0.59	-0.00024	PASS
					20	1.75	0.0007	PASS
					30	-1.12	-0.00045	PASS
					40	1.44	0.00057	PASS
					50	-0.73	-0.00029	PASS
			MCH	VN	-30	-0.59	-0.00023	PASS
					-20	-2.32	-0.00092	PASS
					-10	-1.53	-0.0006	PASS
					0	0.4	0.00016	PASS
					10	-0.89	-0.00035	PASS
					20	-1.03	-0.00041	PASS
					30	0.3	0.00012	PASS
					40	-1	-0.00039	PASS
					50	1.76	0.00069	PASS
			HCH	VN	-30	0.24	0.00009	PASS
					-20	-1.19	-0.00046	PASS
					-10	-2.45	-0.00096	PASS
					0	-1.65	-0.00064	PASS
					10	-2.42	-0.00094	PASS
					20	0.87	0.00034	PASS
					30	0.86	0.00034	PASS
					40	0.47	0.00018	PASS
					50	-1.53	-0.0006	PASS
		20	LCH	VN	-30	-0.51	-0.0002	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	0.6	0.00024	PASS
					-10	-1.9	-0.00076	PASS
					0	-3.82	-0.00152	PASS
					10	-0.56	-0.00022	PASS
					20	-0.31	-0.00012	PASS
					30	0.5	0.0002	PASS
					40	0.1	0.00004	PASS
					50	0.47	0.00019	PASS
			MCH	VN	-30	0.21	0.00008	PASS
					-20	-0.49	-0.00019	PASS
					-10	2.1	0.00083	PASS
					0	-0.27	-0.00011	PASS
					10	-0.7	-0.00028	PASS
					20	-2.26	-0.00089	PASS
					30	-0.92	-0.00036	PASS
					40	0.01	0	PASS
					50	-0.41	-0.00016	PASS
			HCH	VN	-30	-1.37	-0.00054	PASS
					-20	-0.26	-0.0001	PASS
					-10	-0.67	-0.00026	PASS
					0	-1.8	-0.0007	PASS
					10	-0.49	-0.00019	PASS
					20	0.33	0.00013	PASS
					30	1.34	0.00052	PASS
					40	-0.83	-0.00032	PASS
					50	-0.89	-0.00035	PASS

END