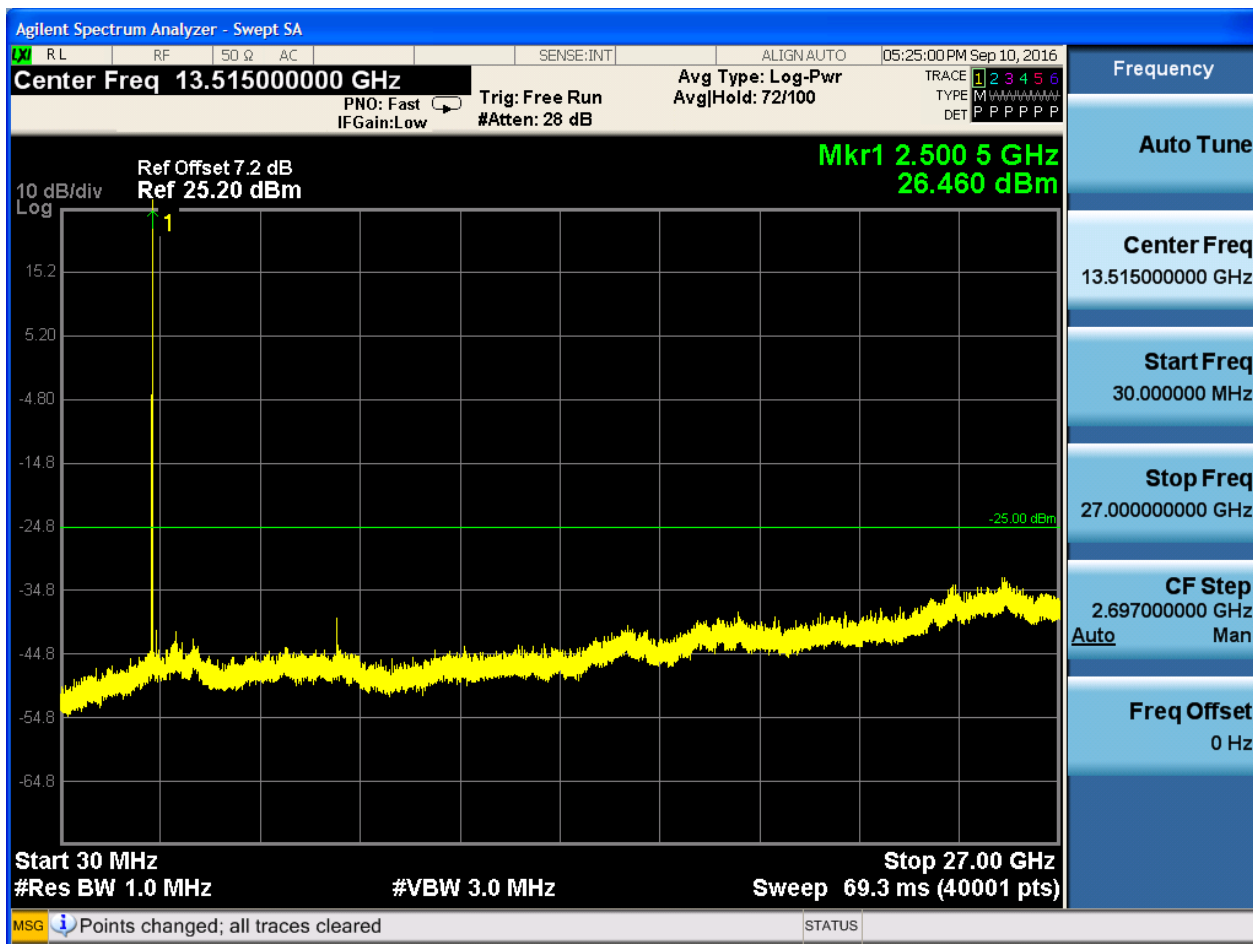
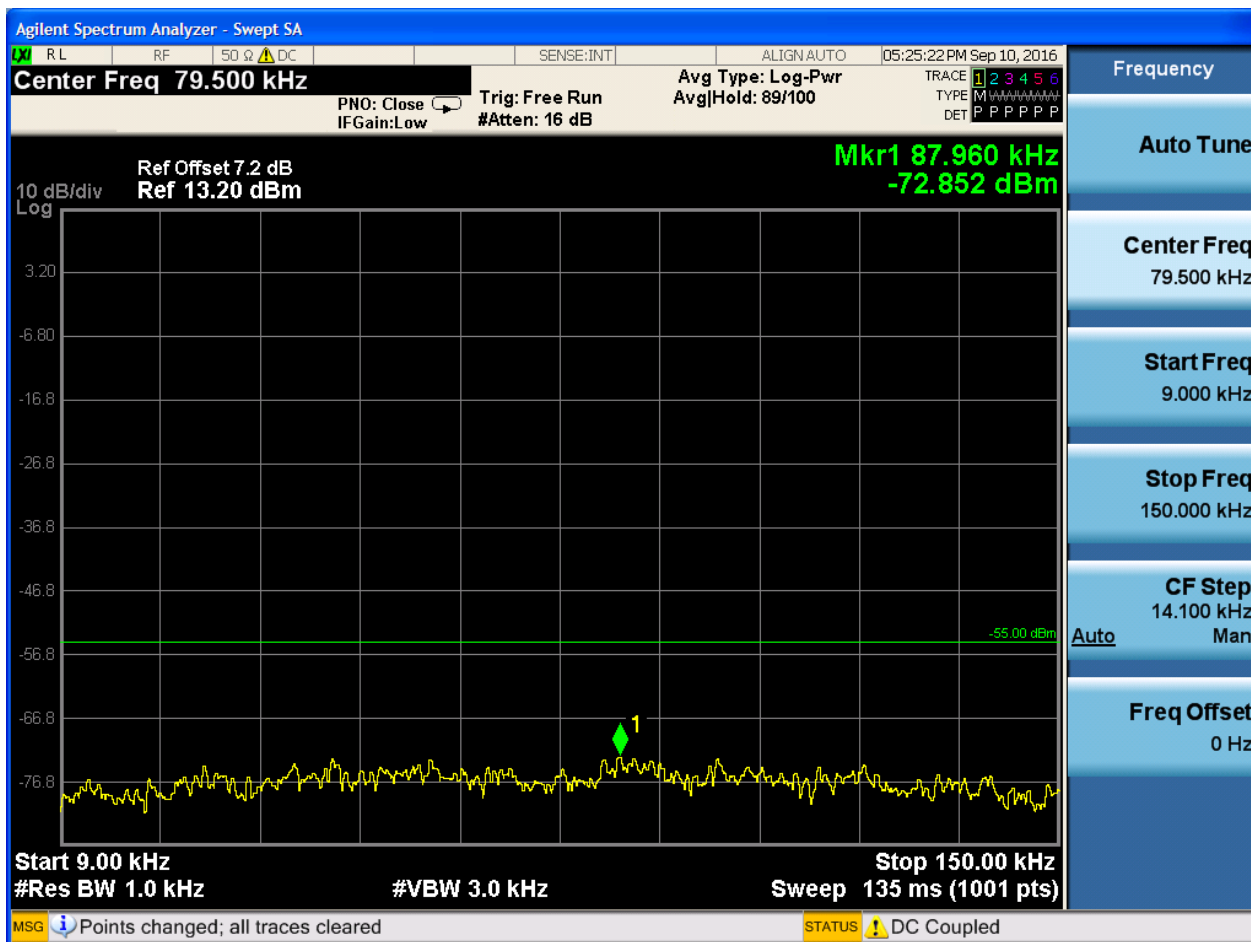


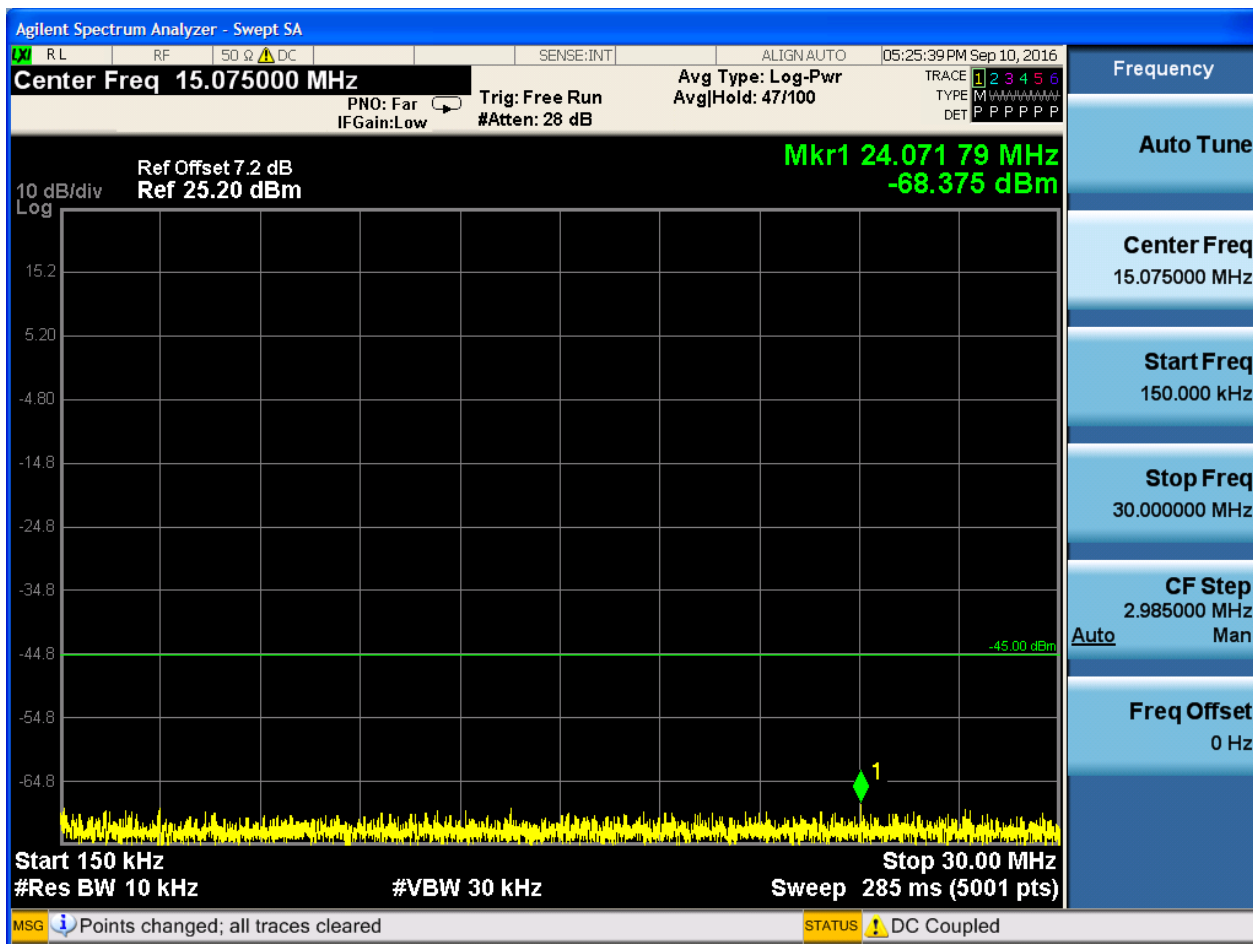


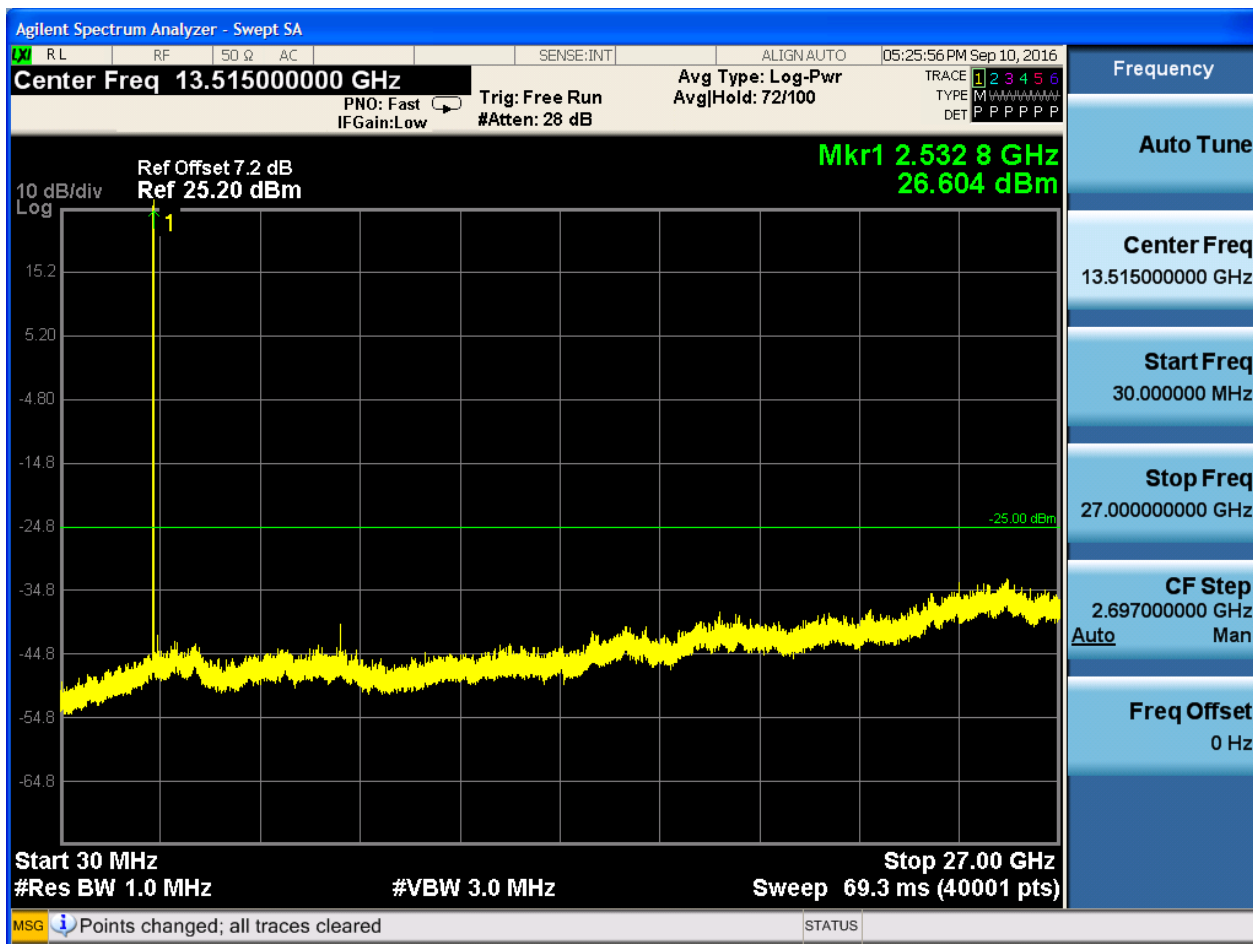


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



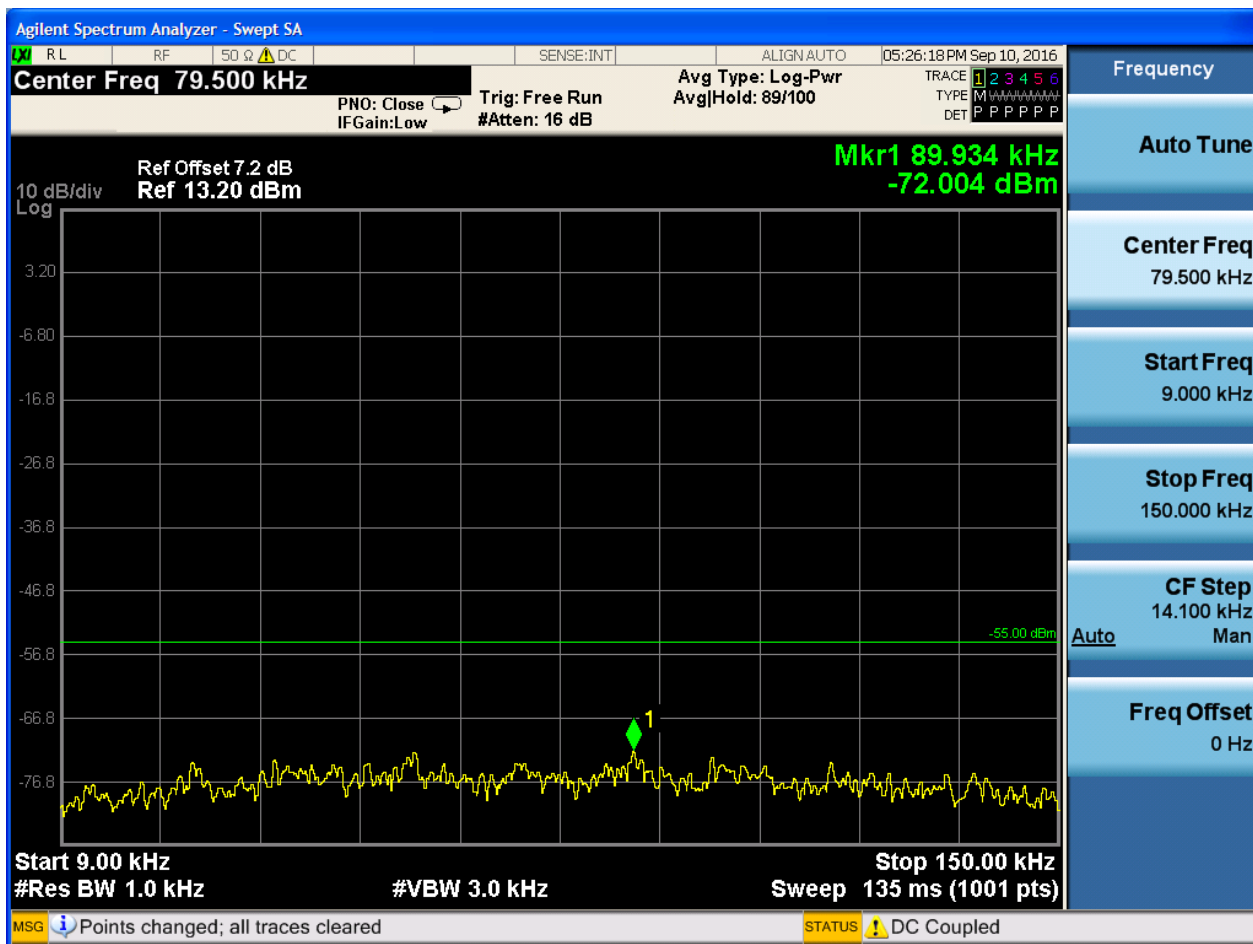




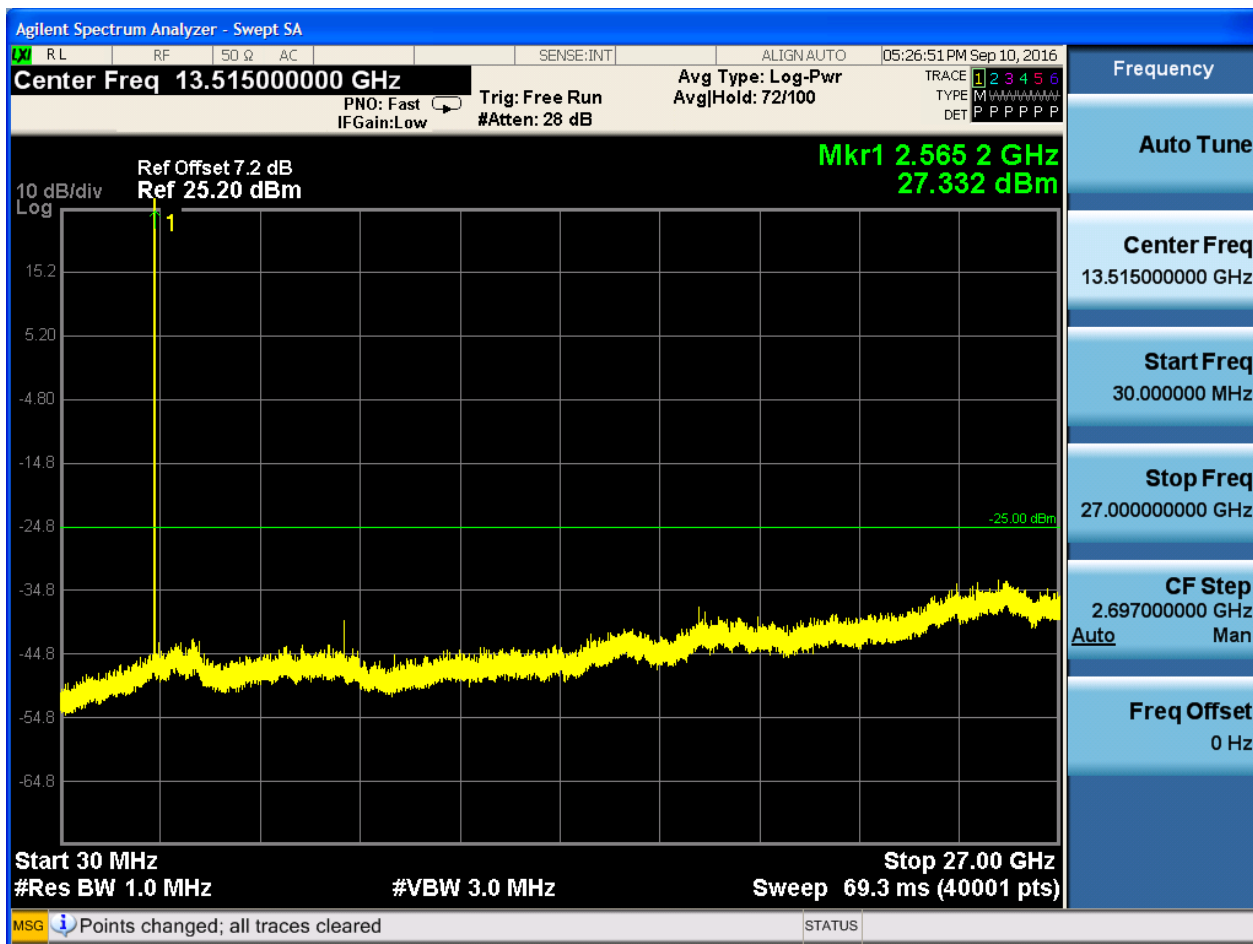


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





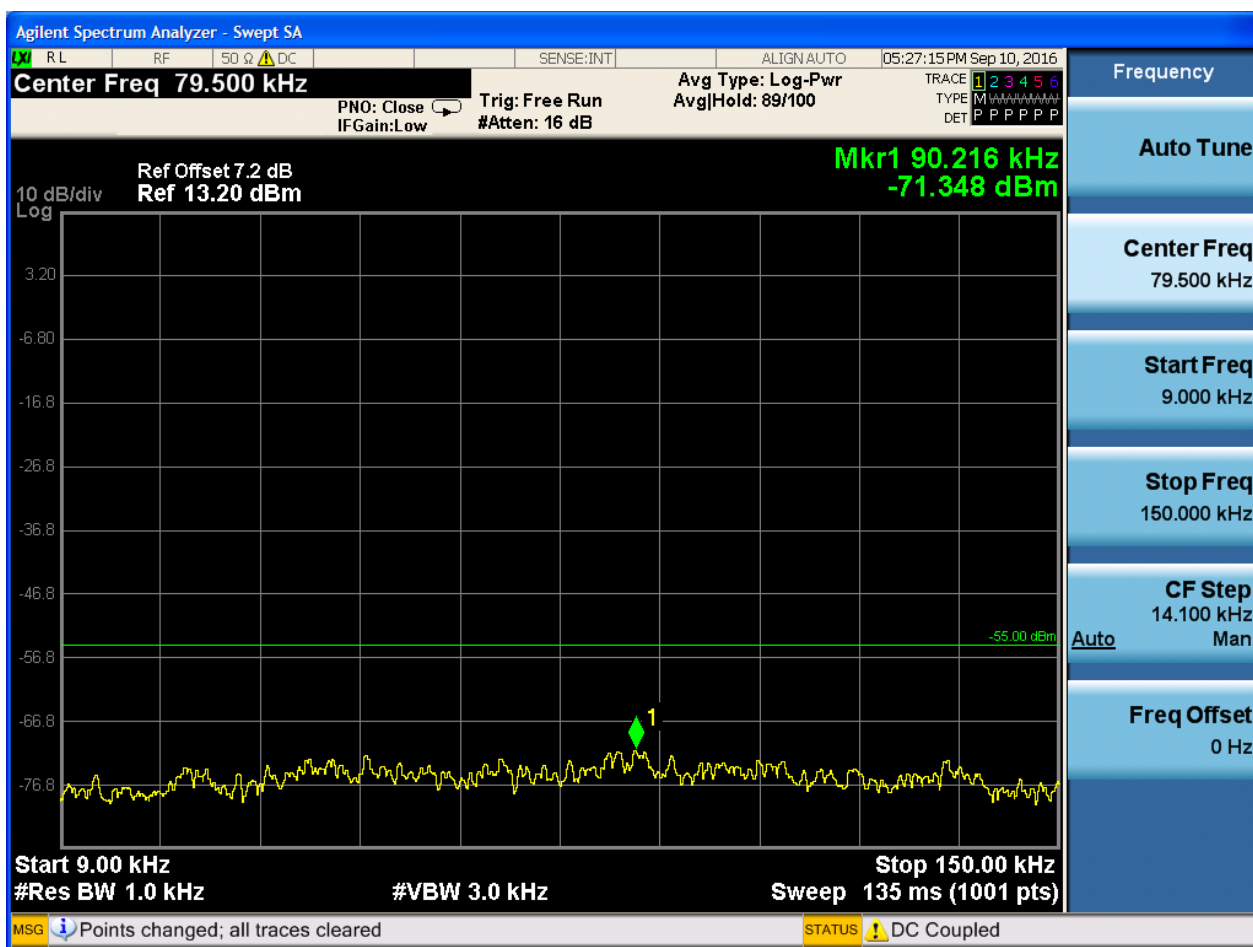


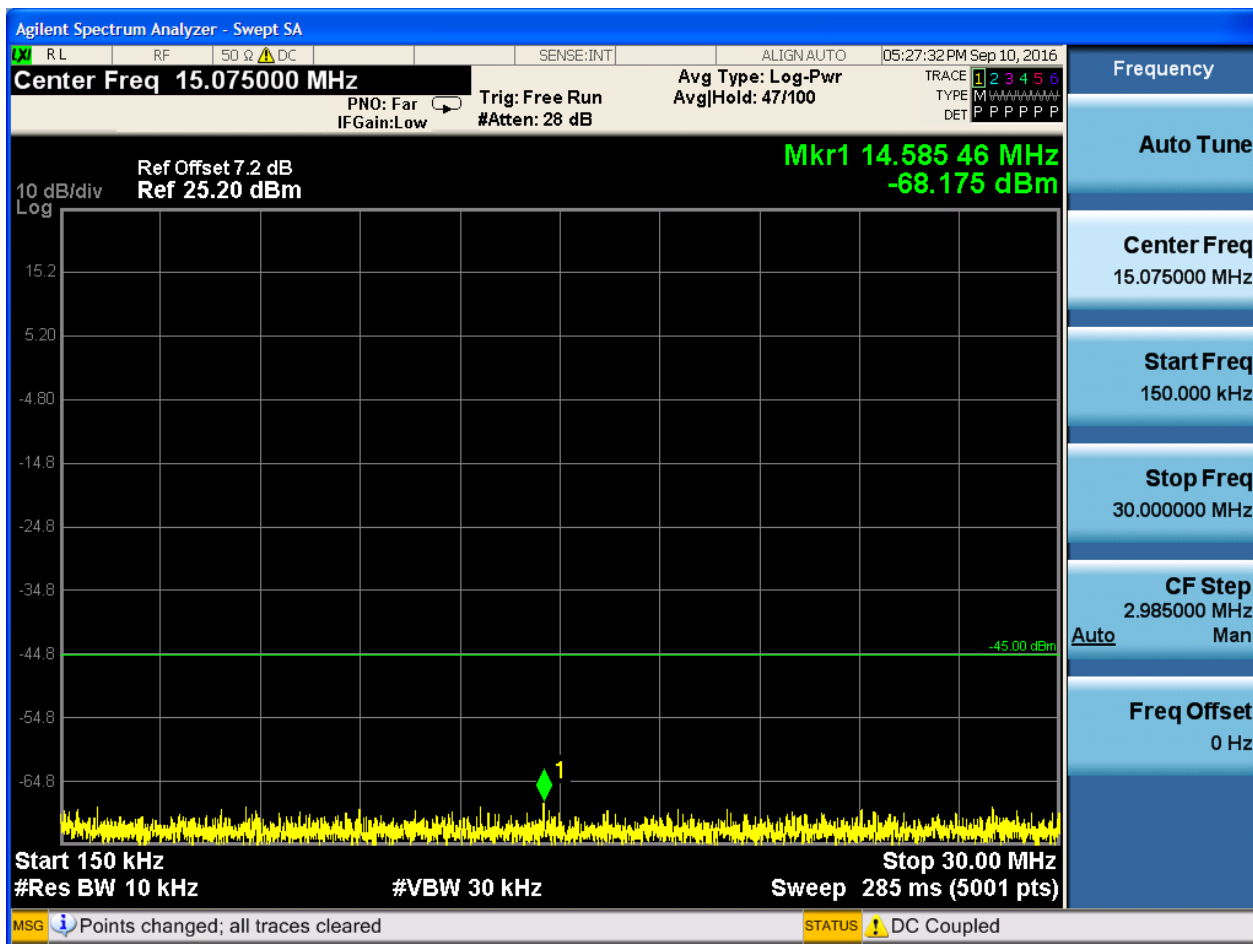


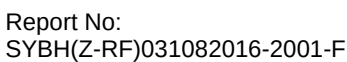
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0

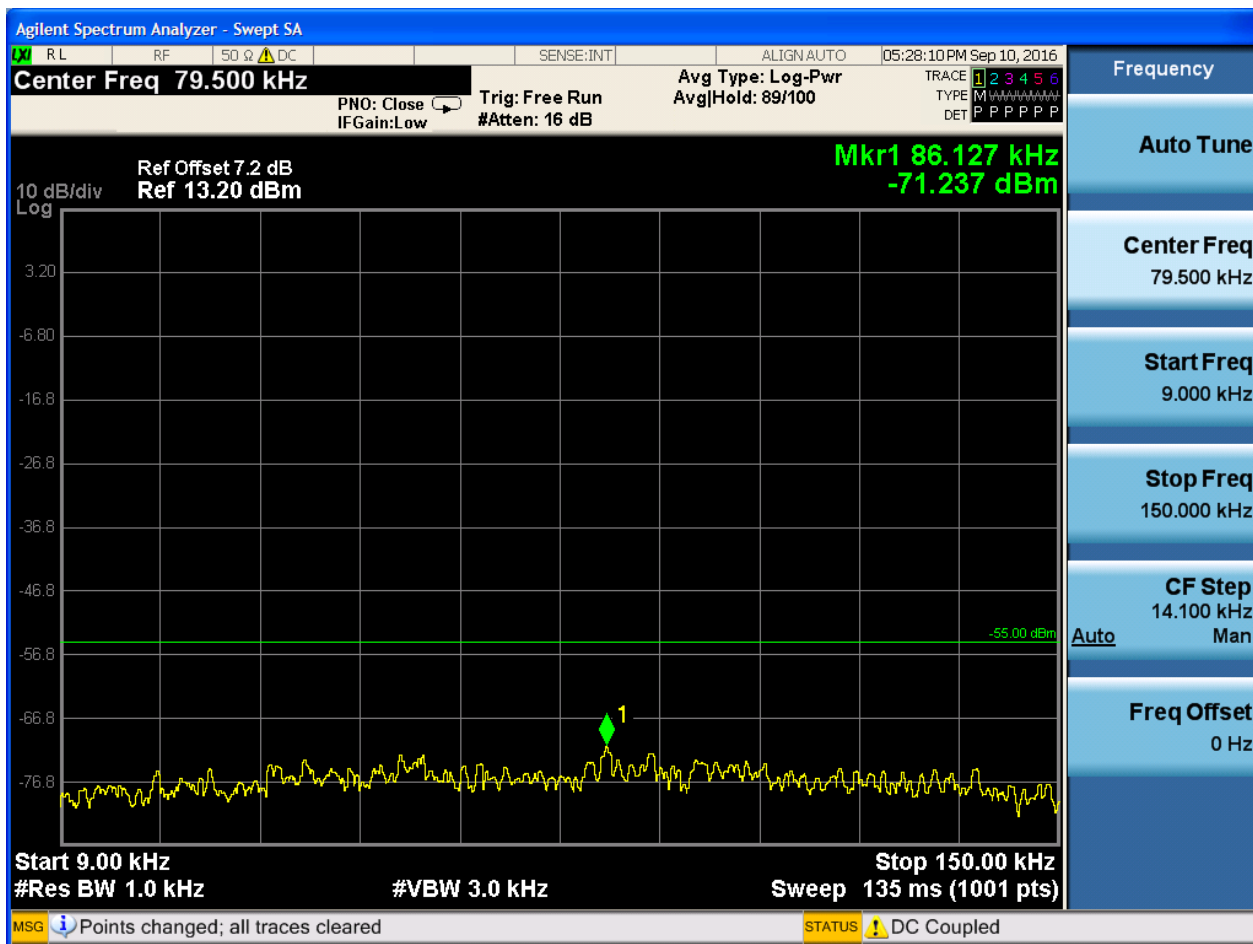


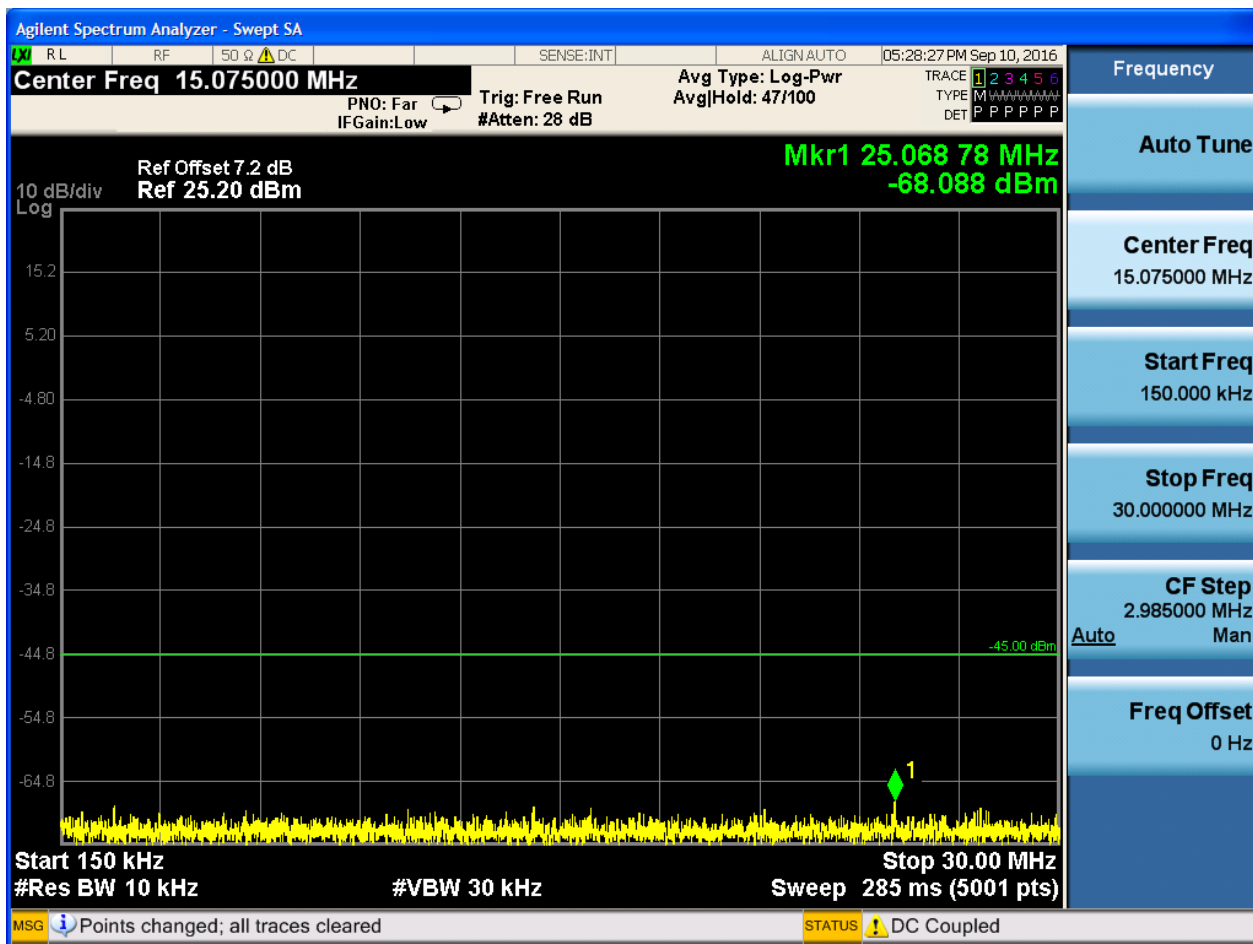


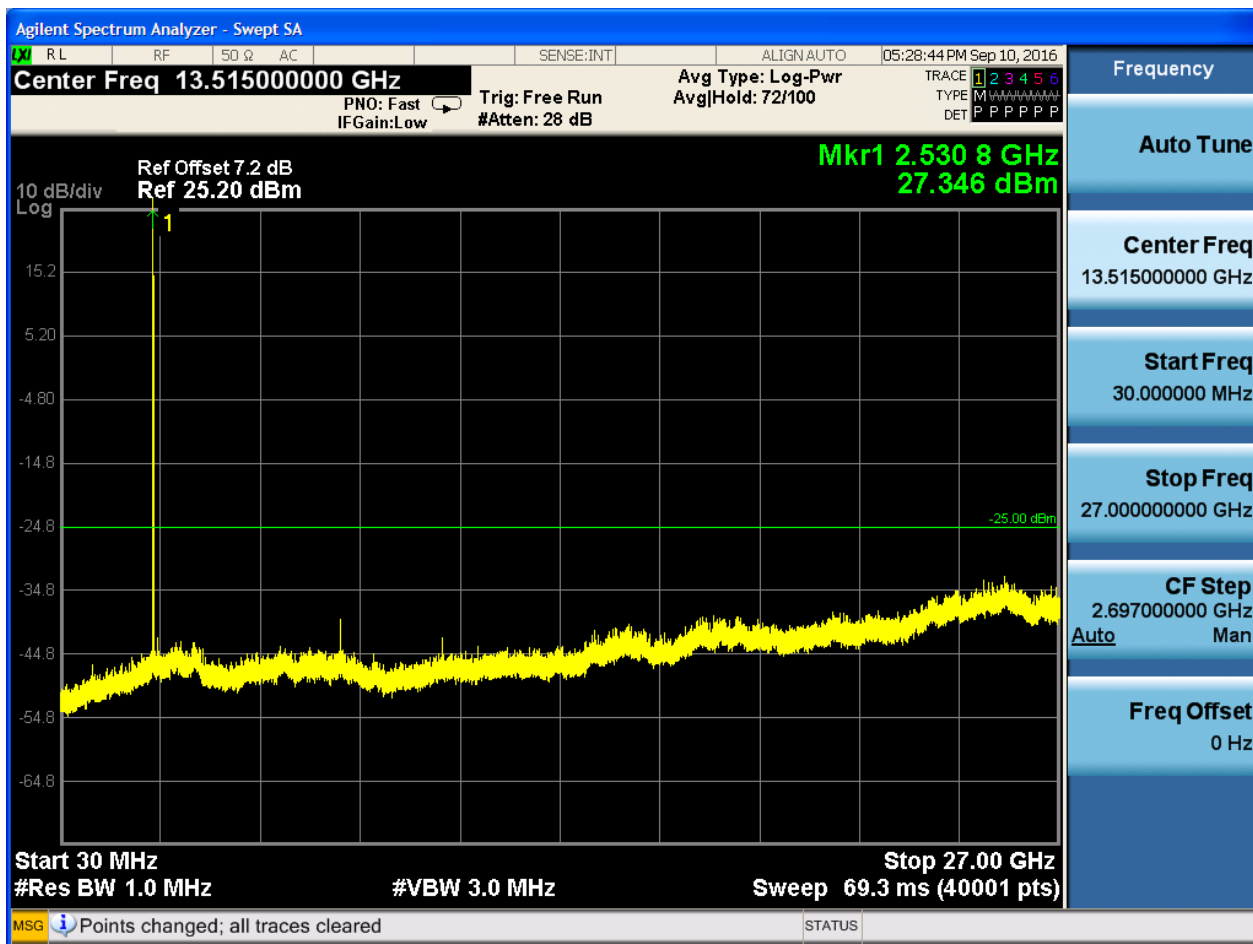


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

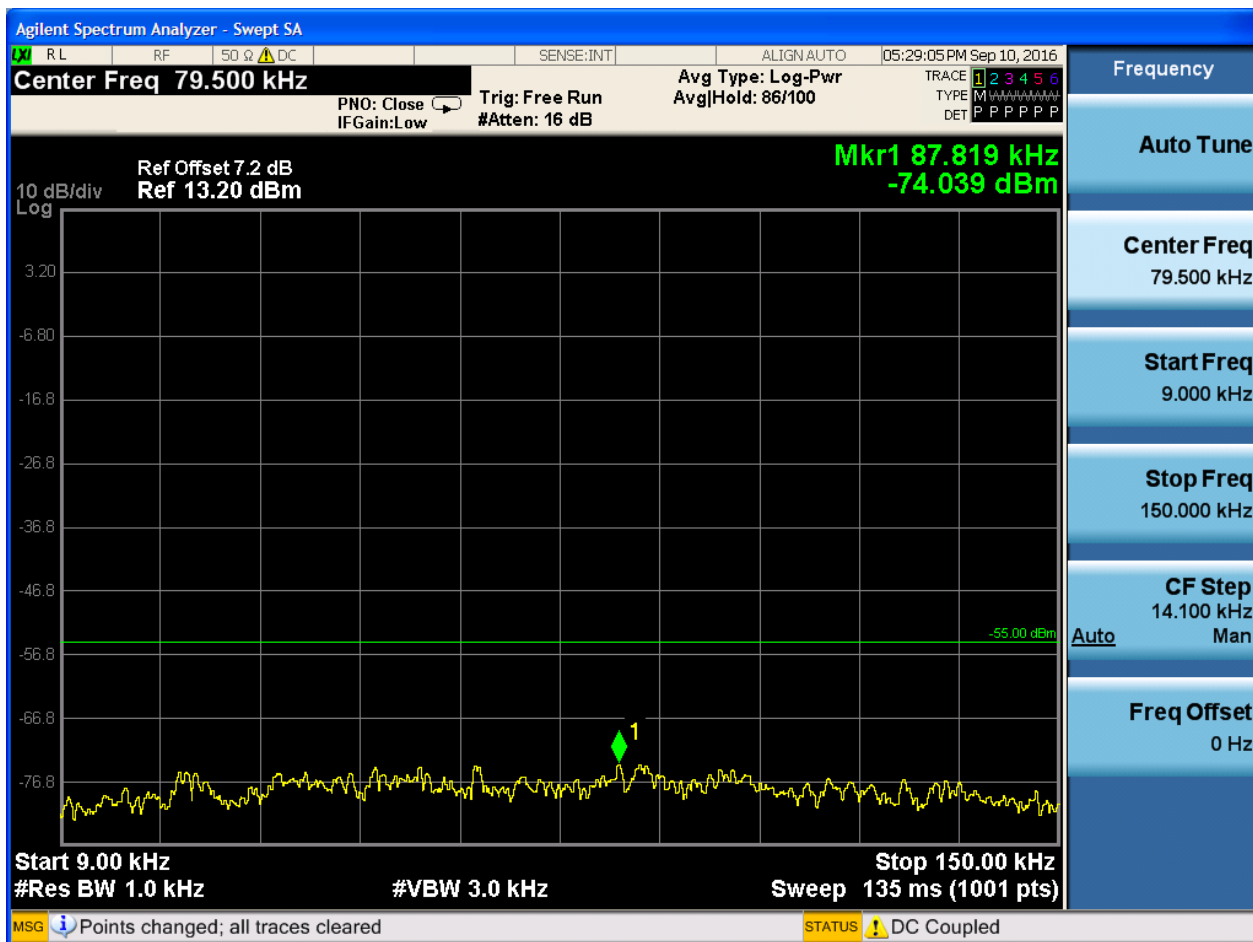


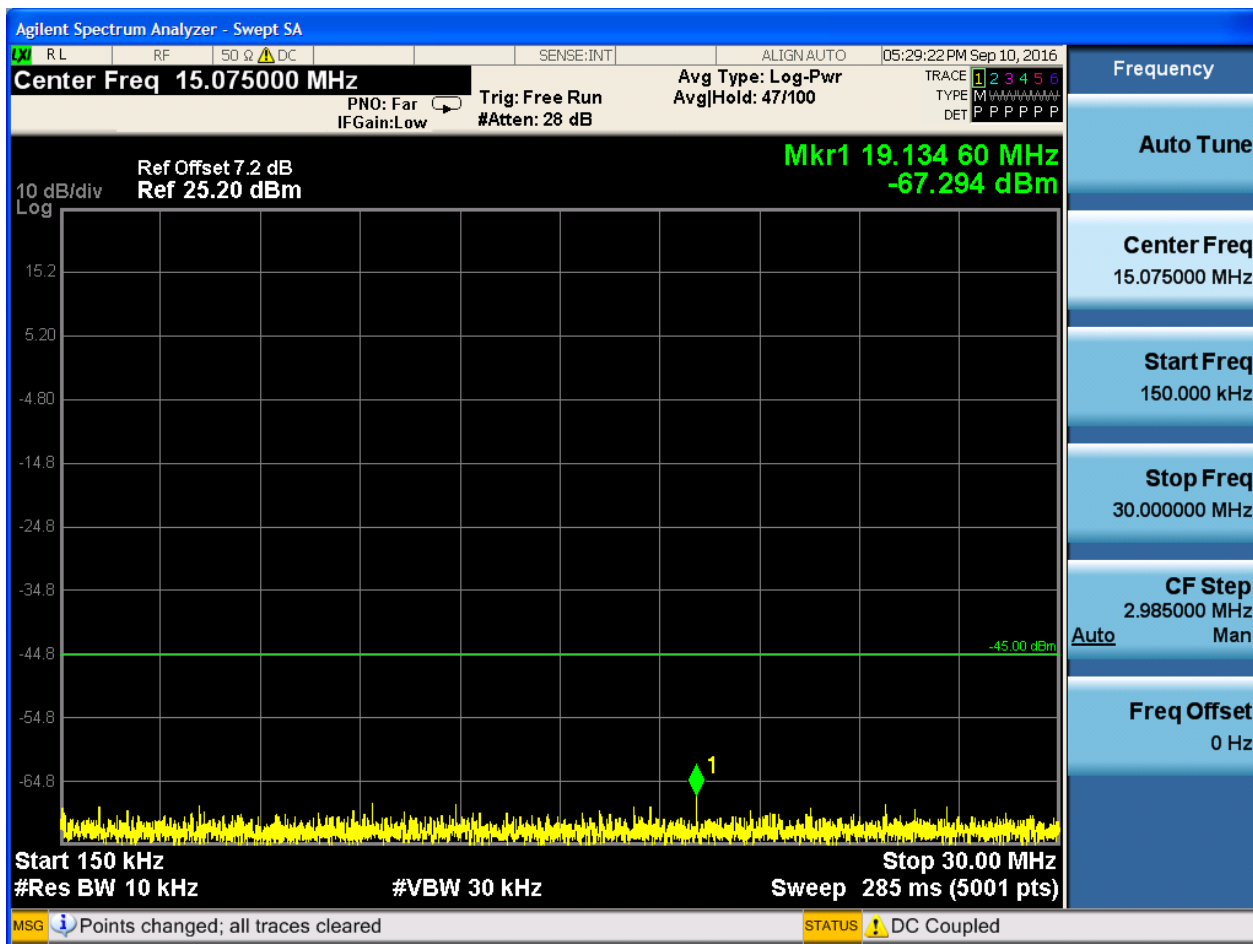


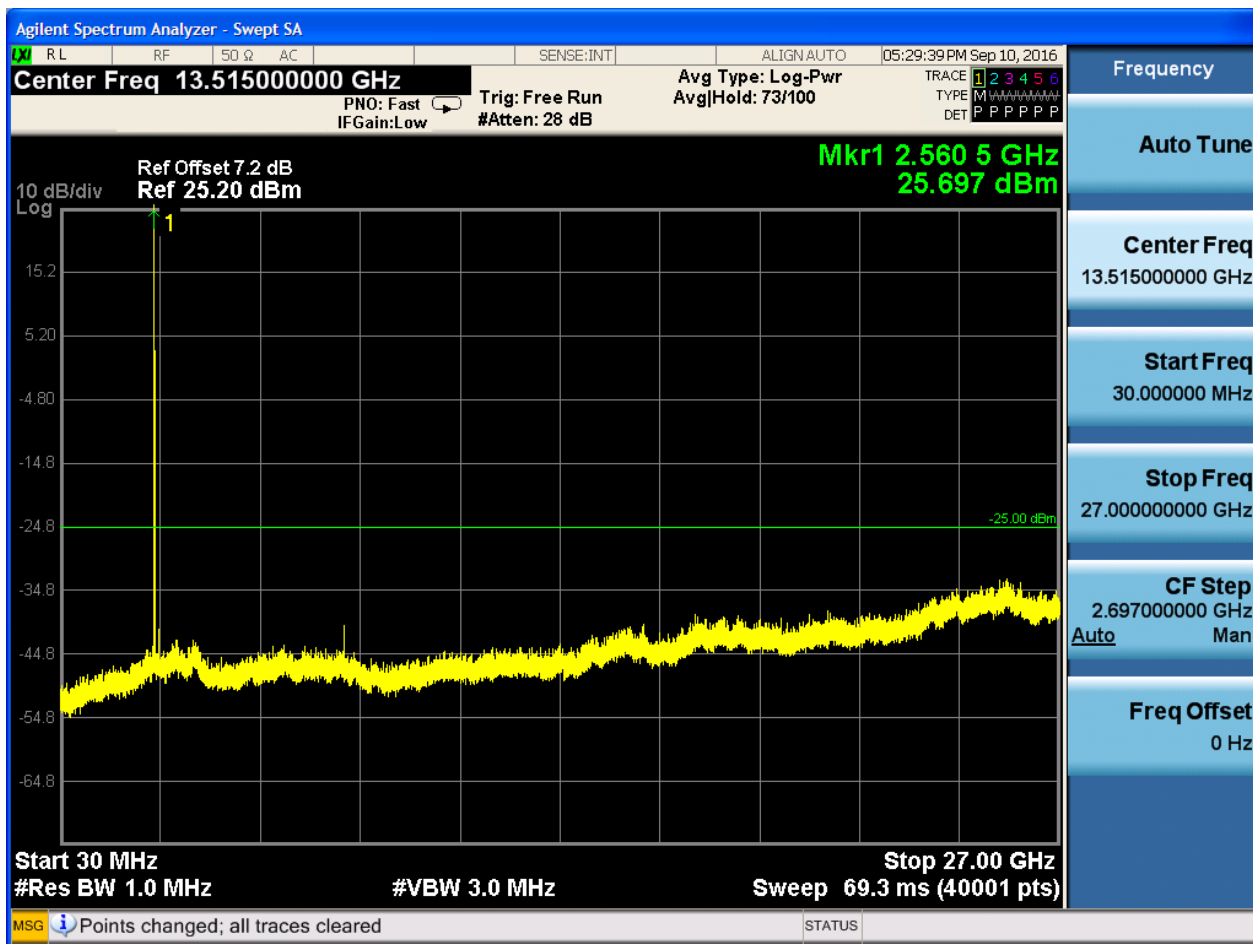


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





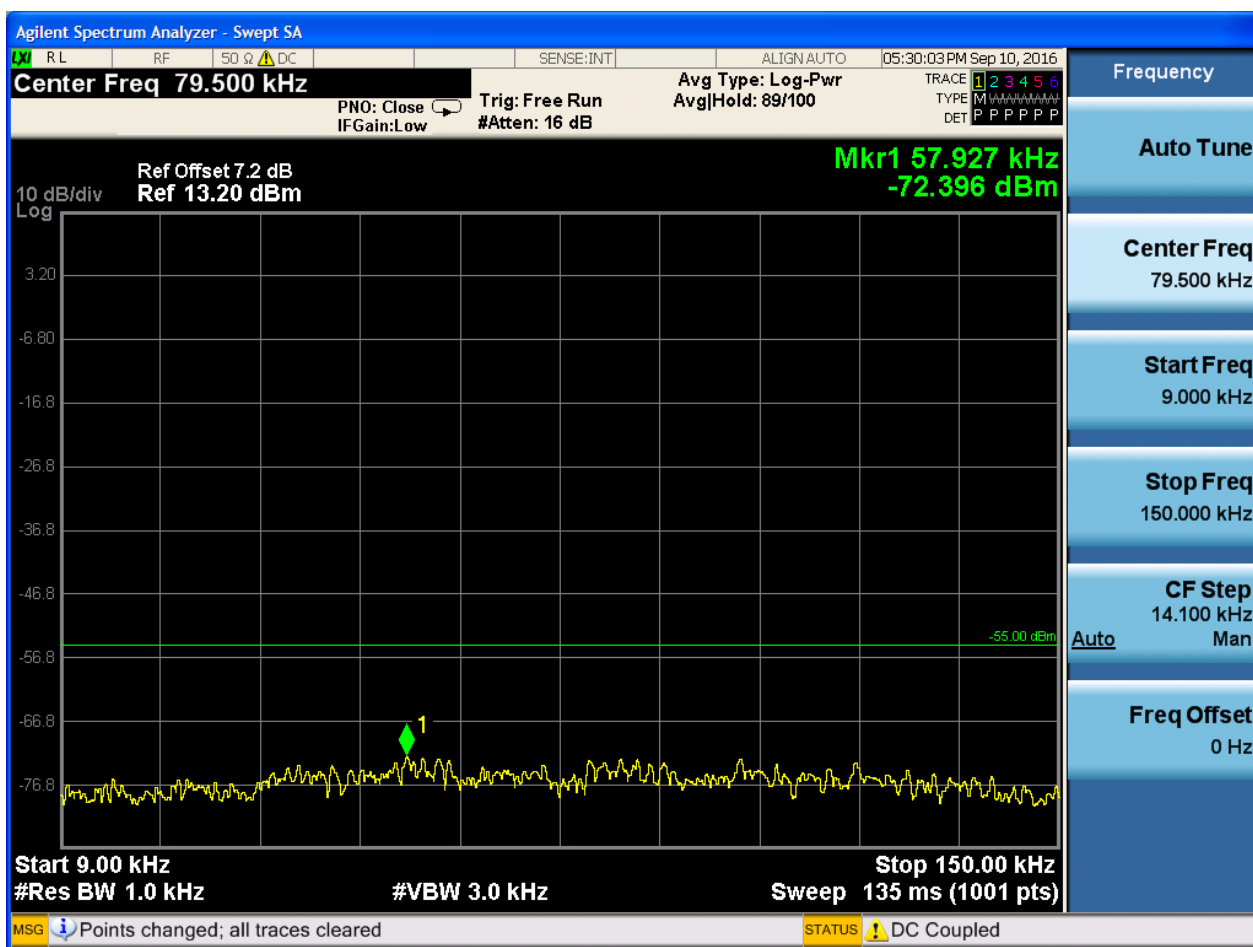




6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0

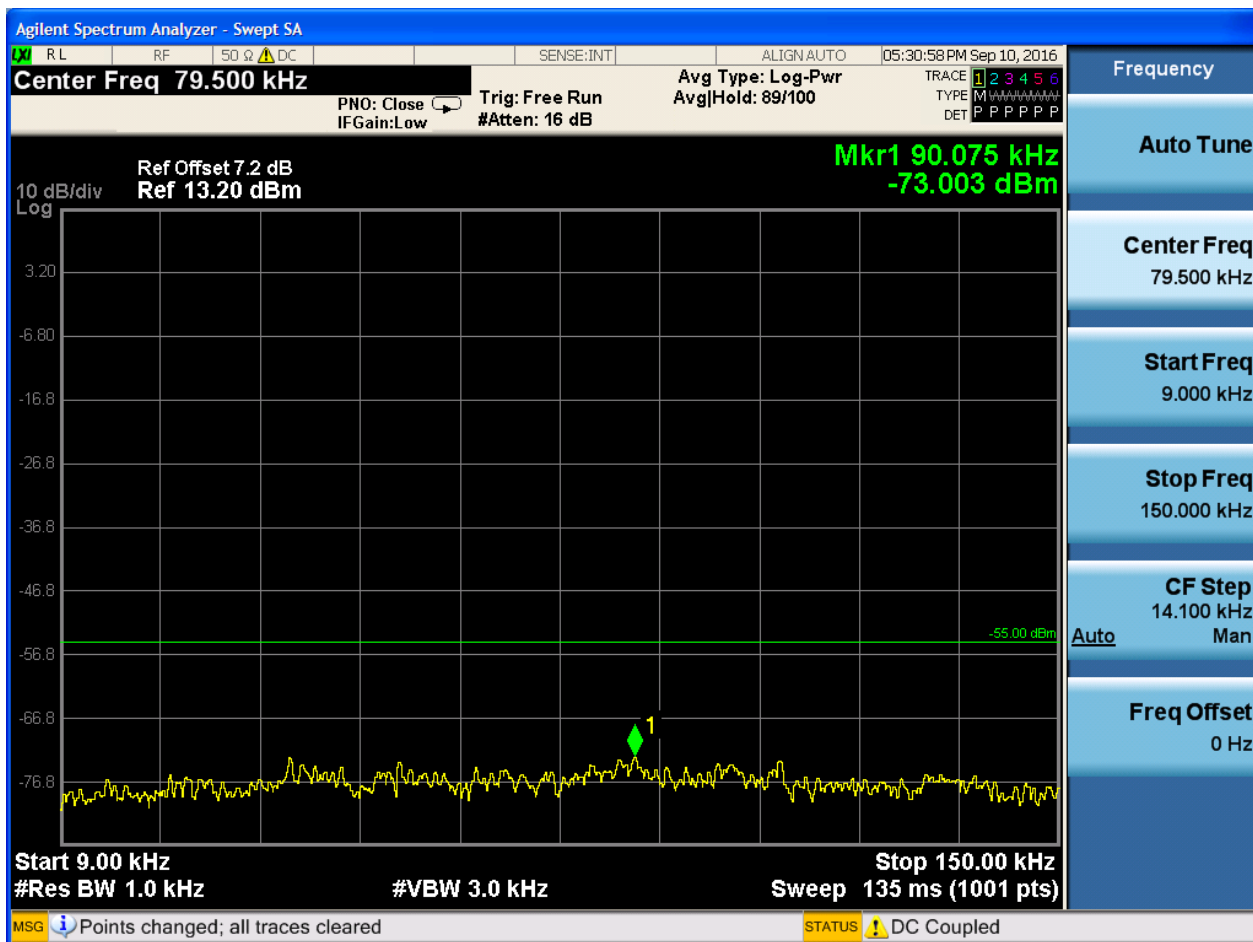


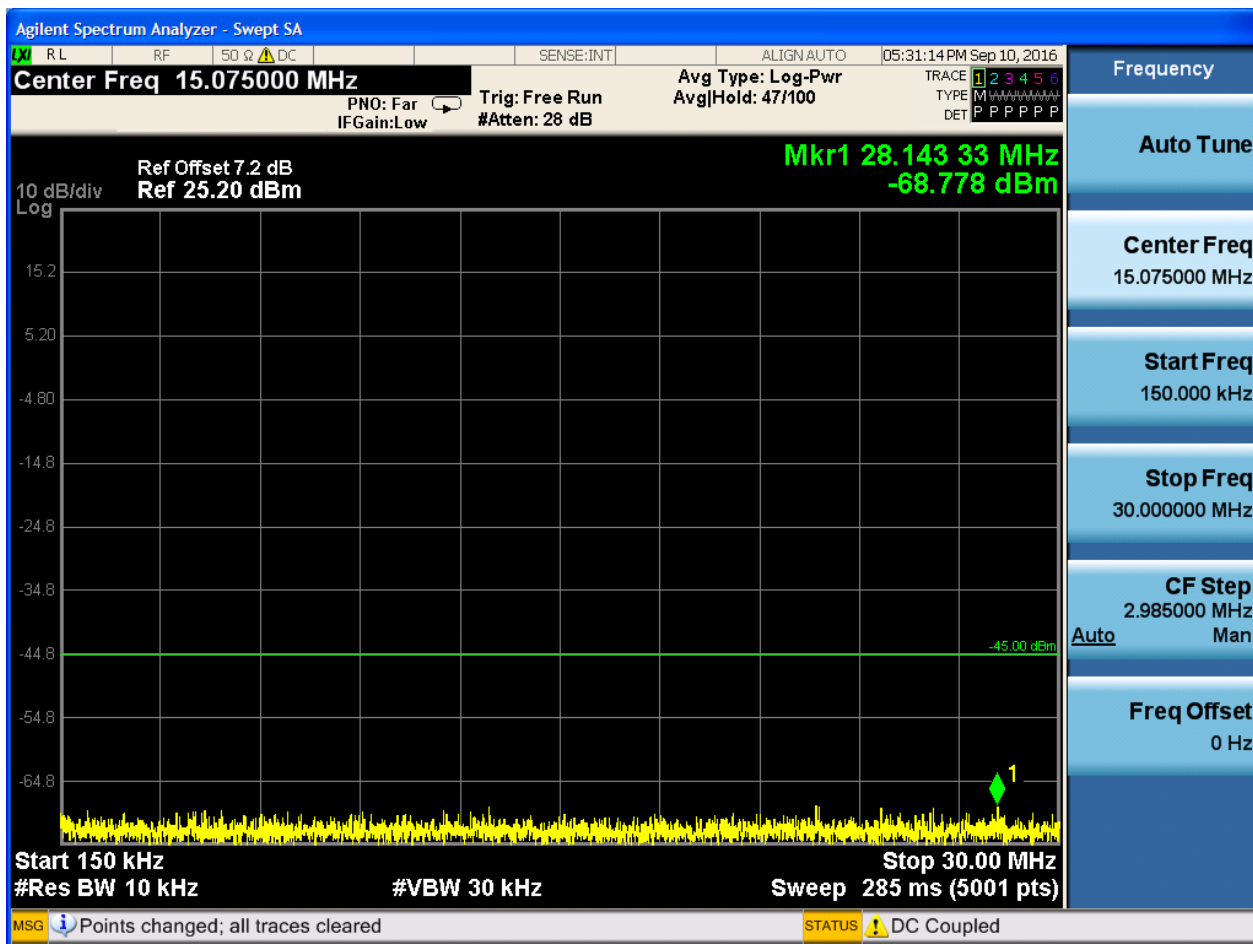




6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

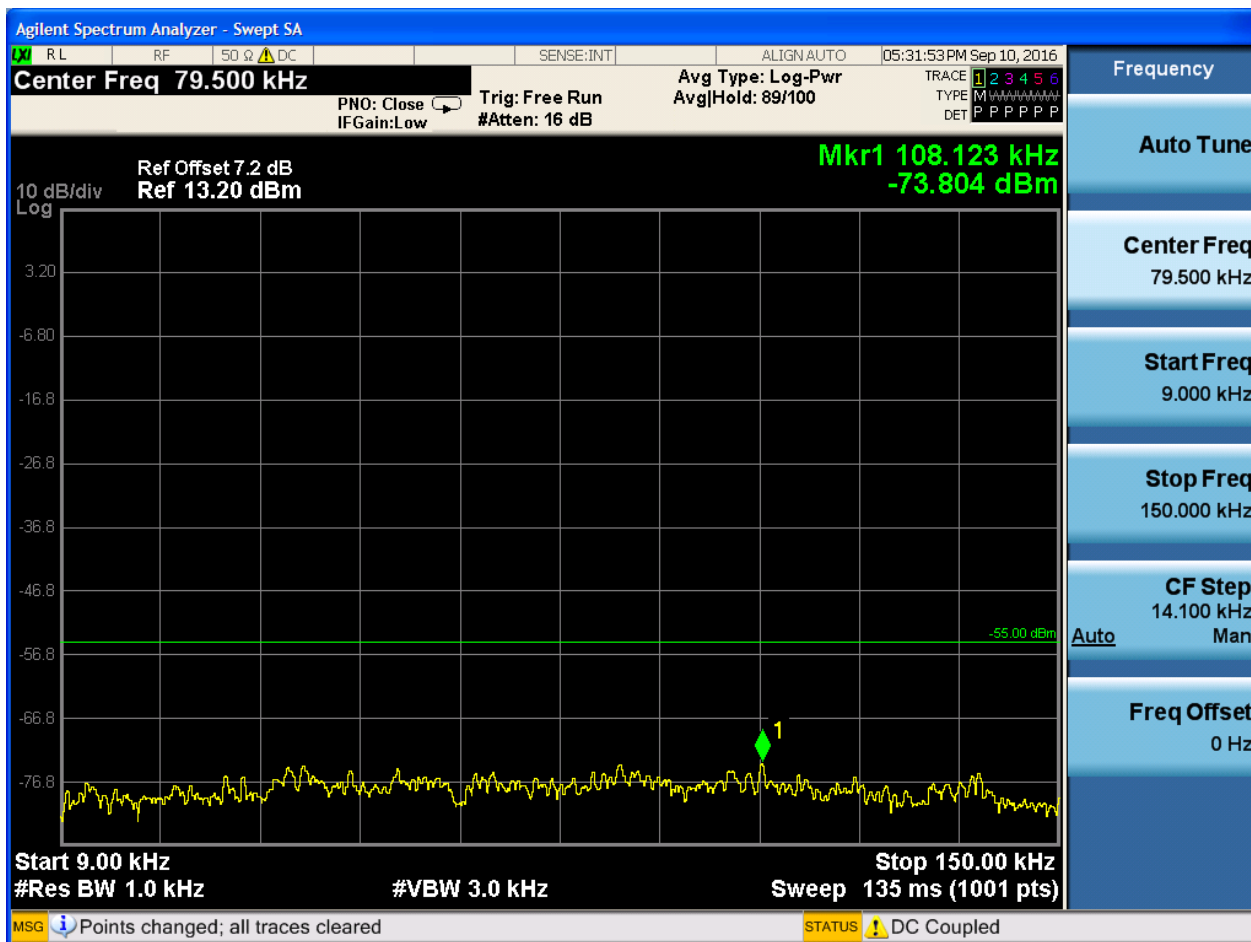


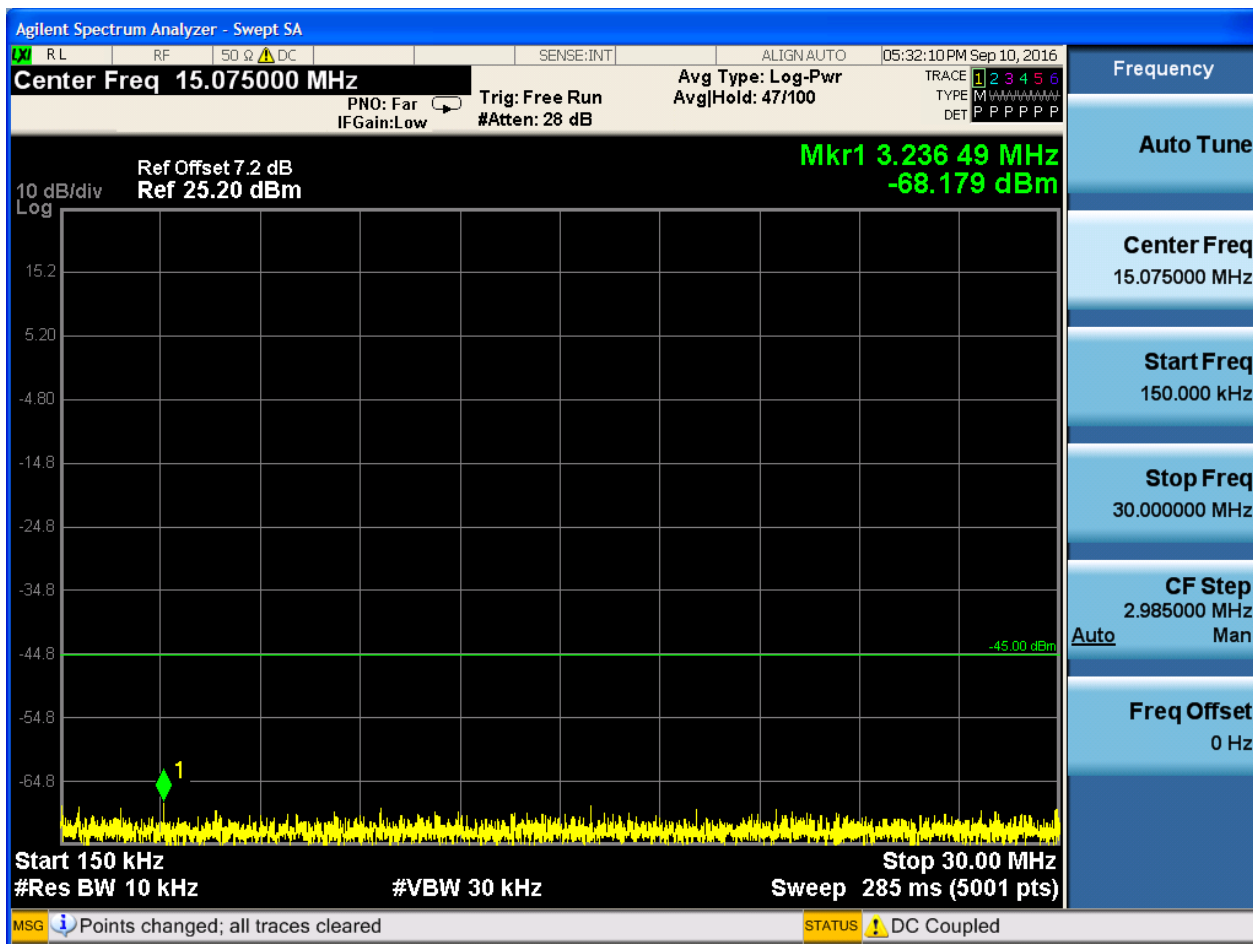


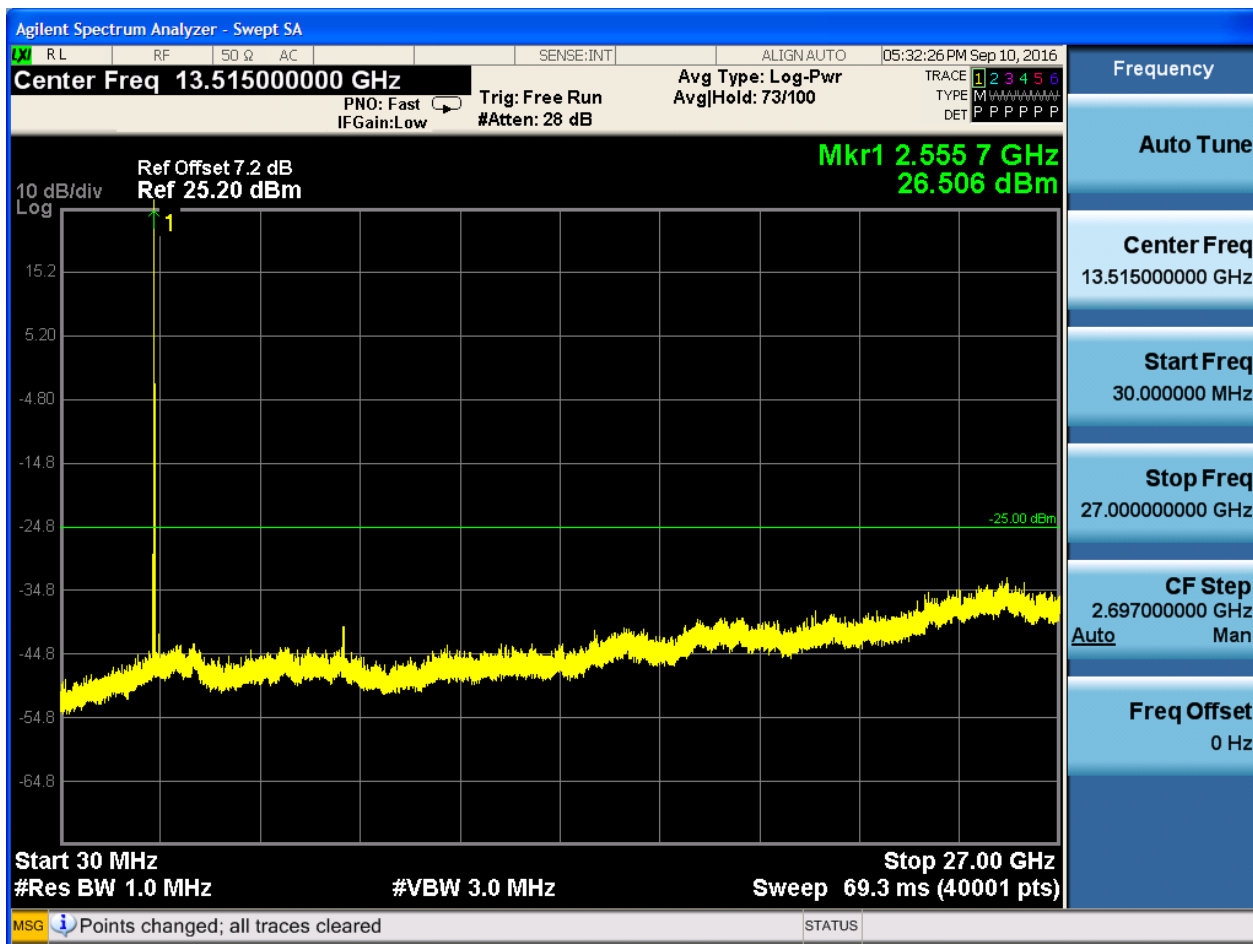


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





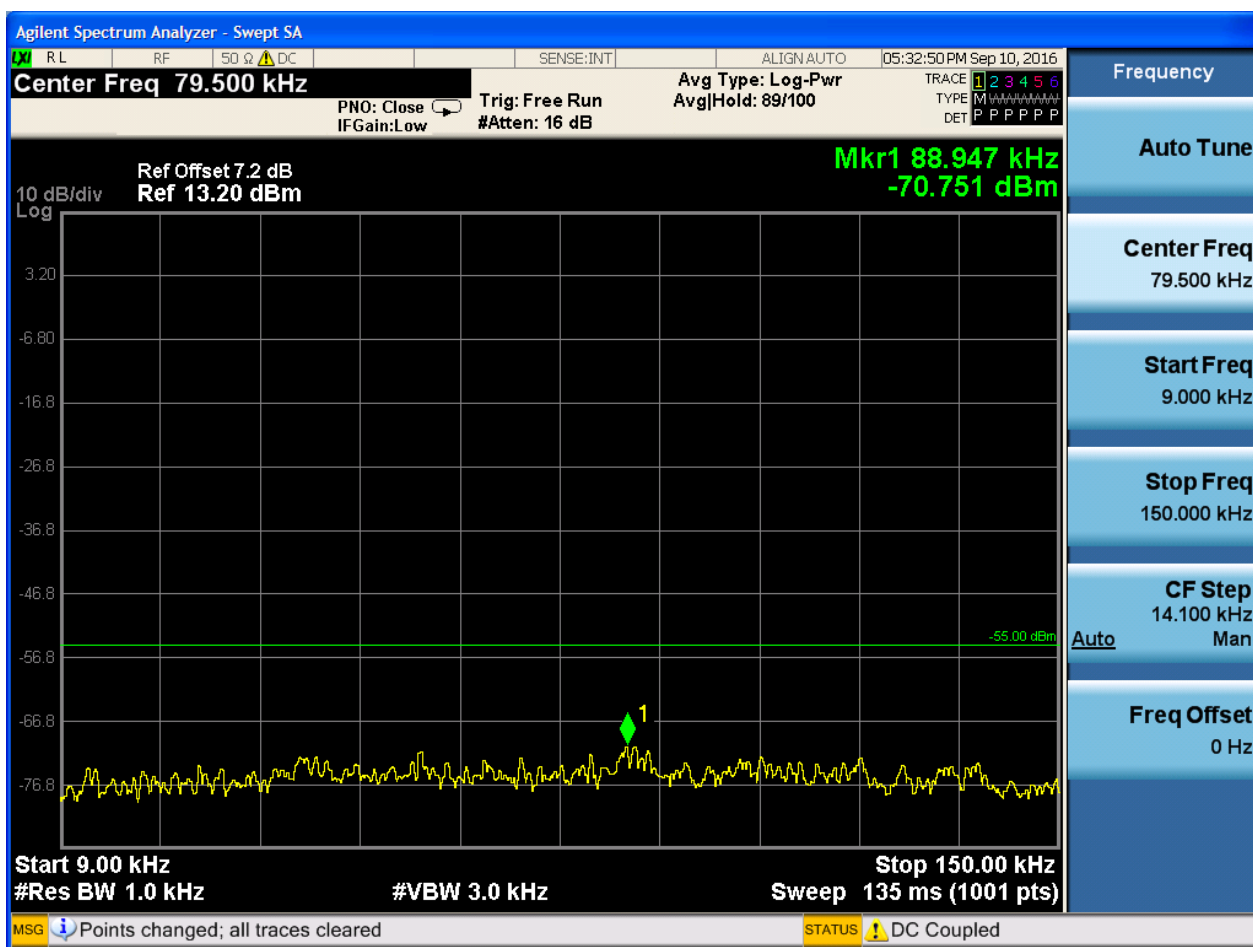


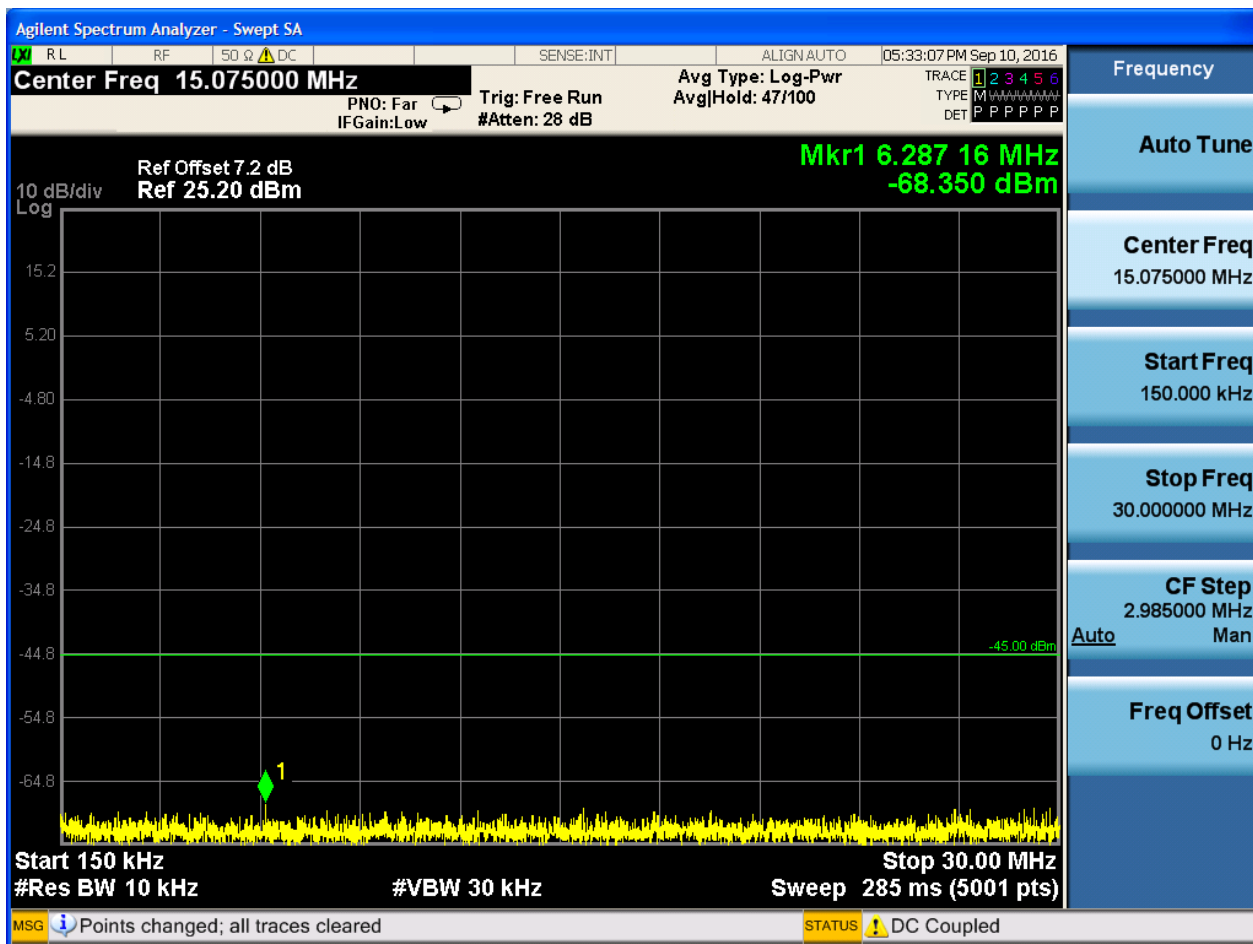


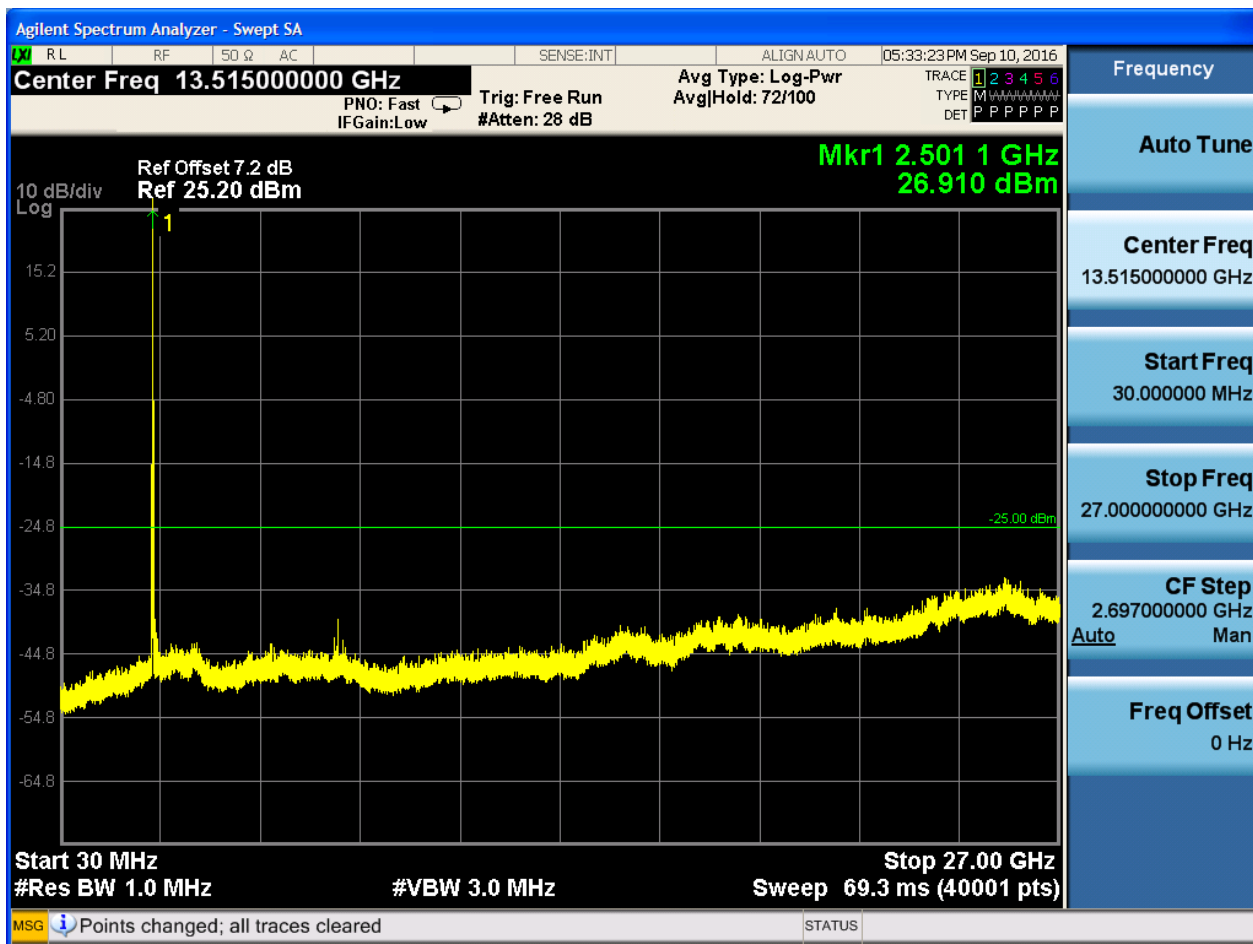
6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0

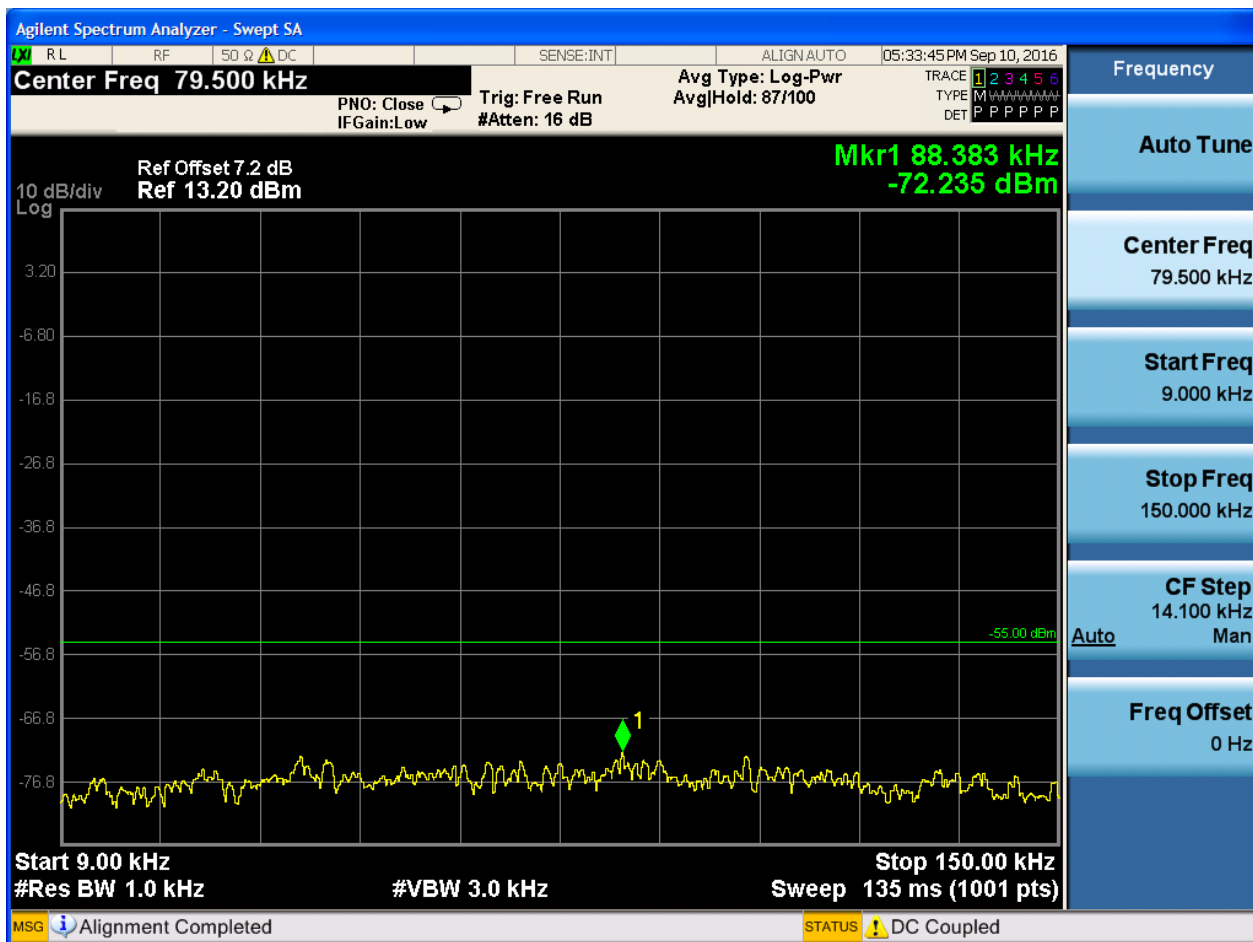






6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0

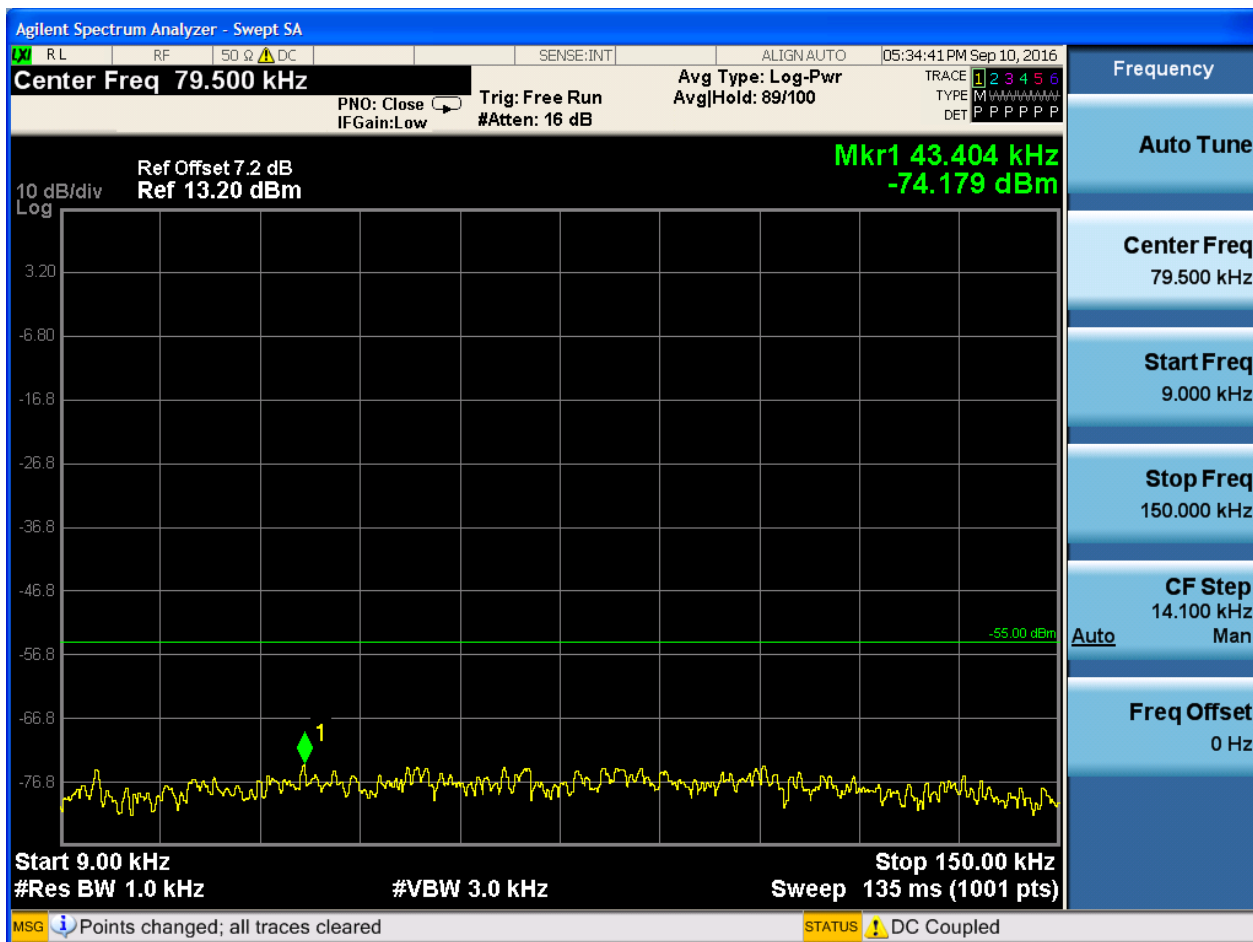


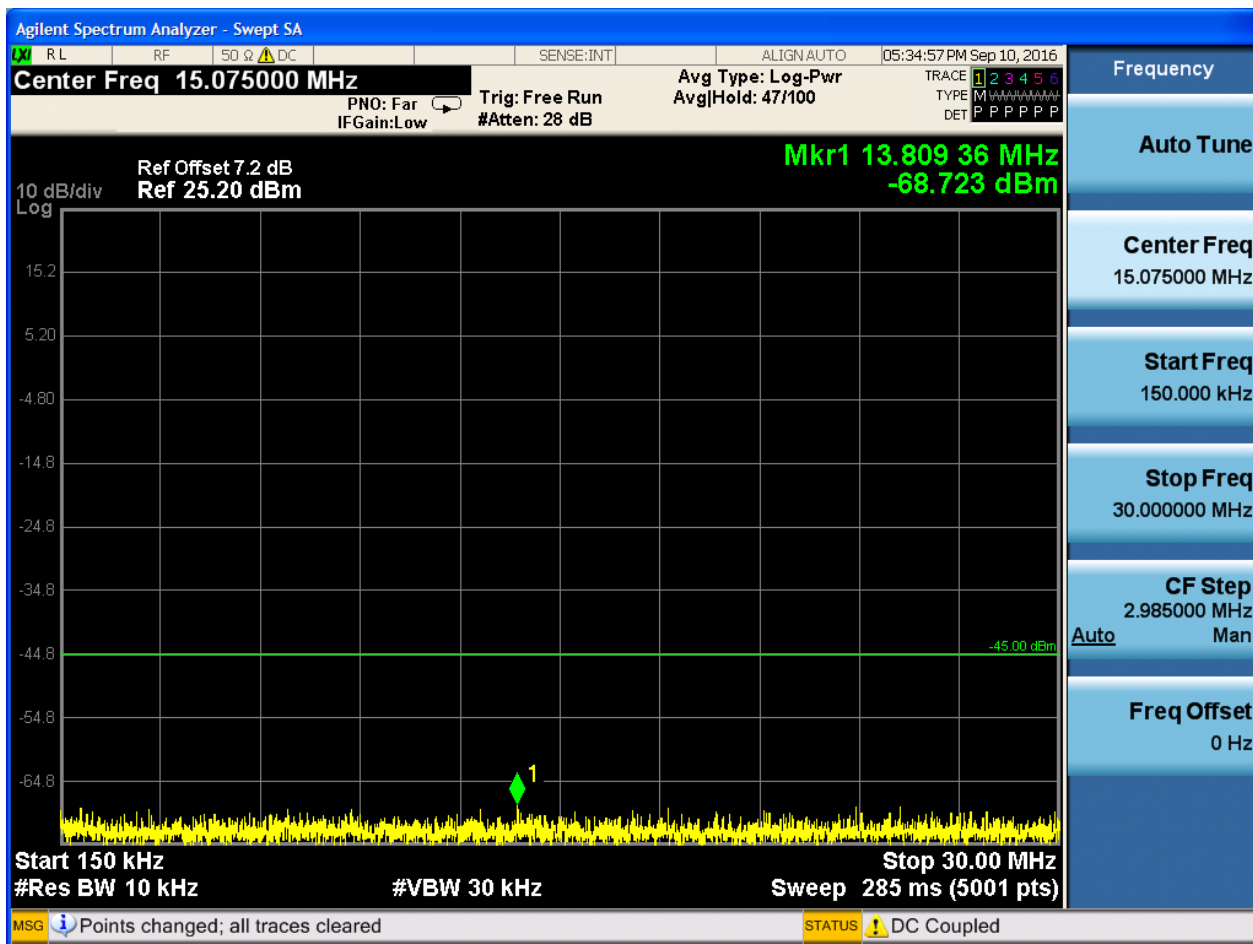




6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







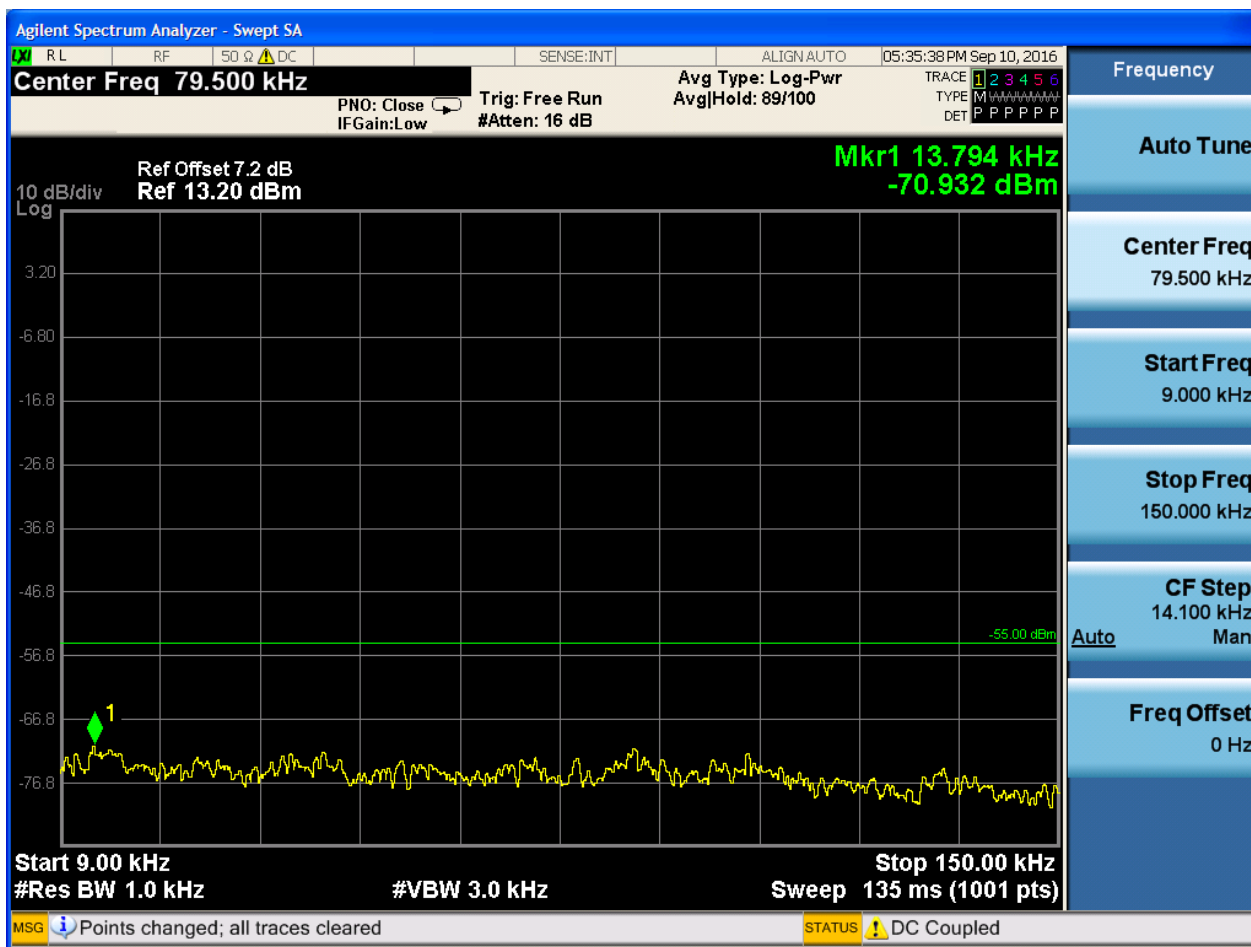


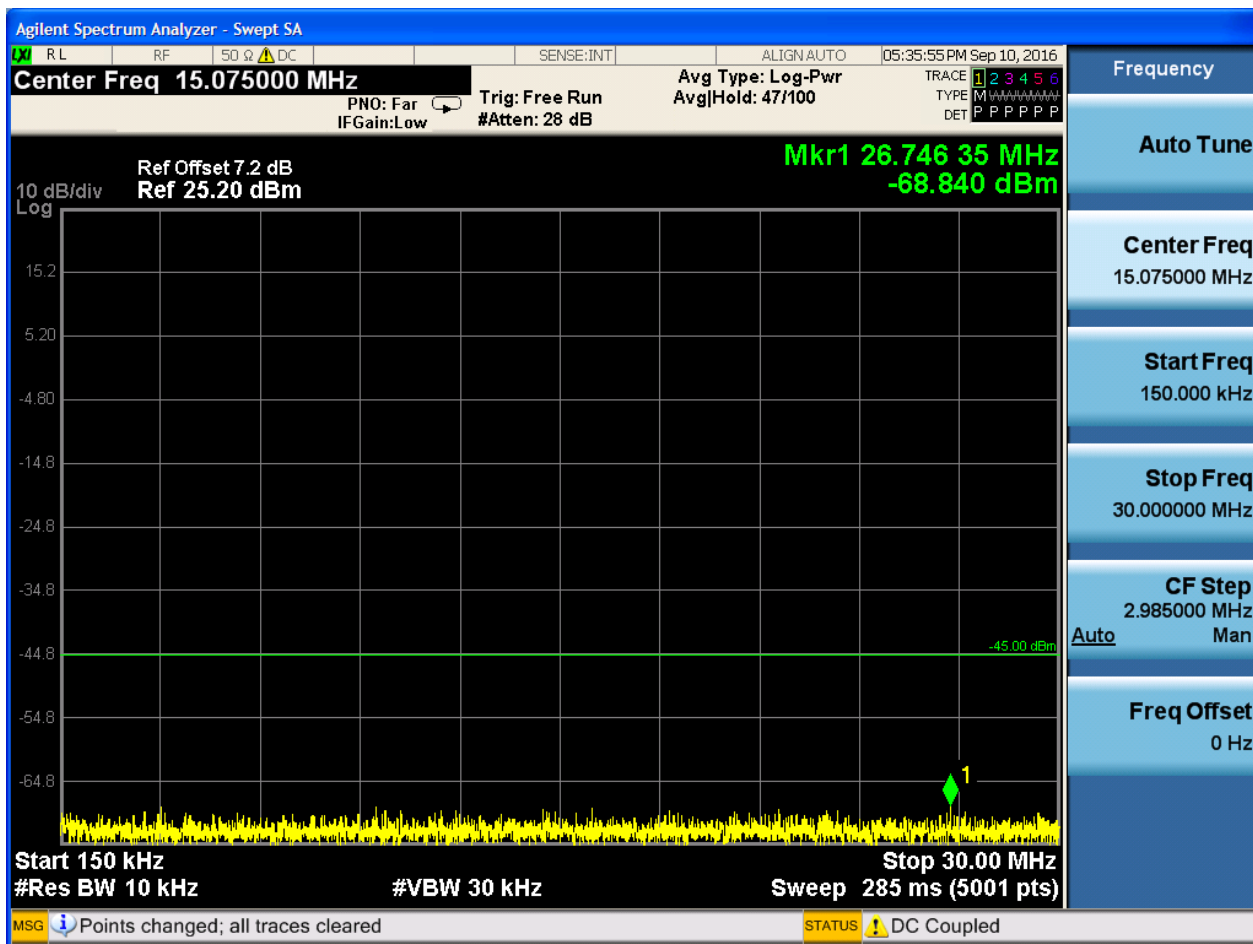
6.1.1.2 Test Mode = LTE/TM2

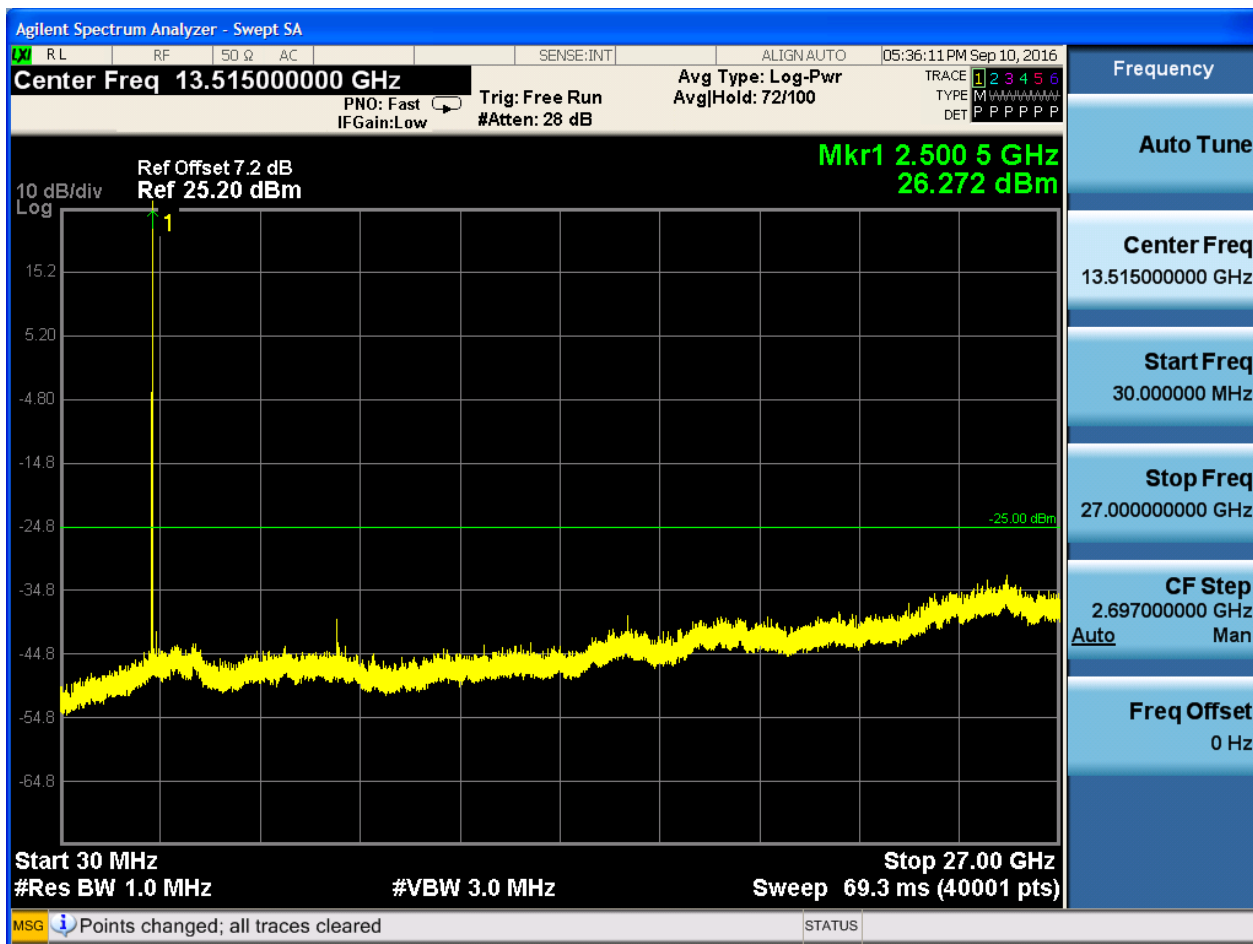
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0

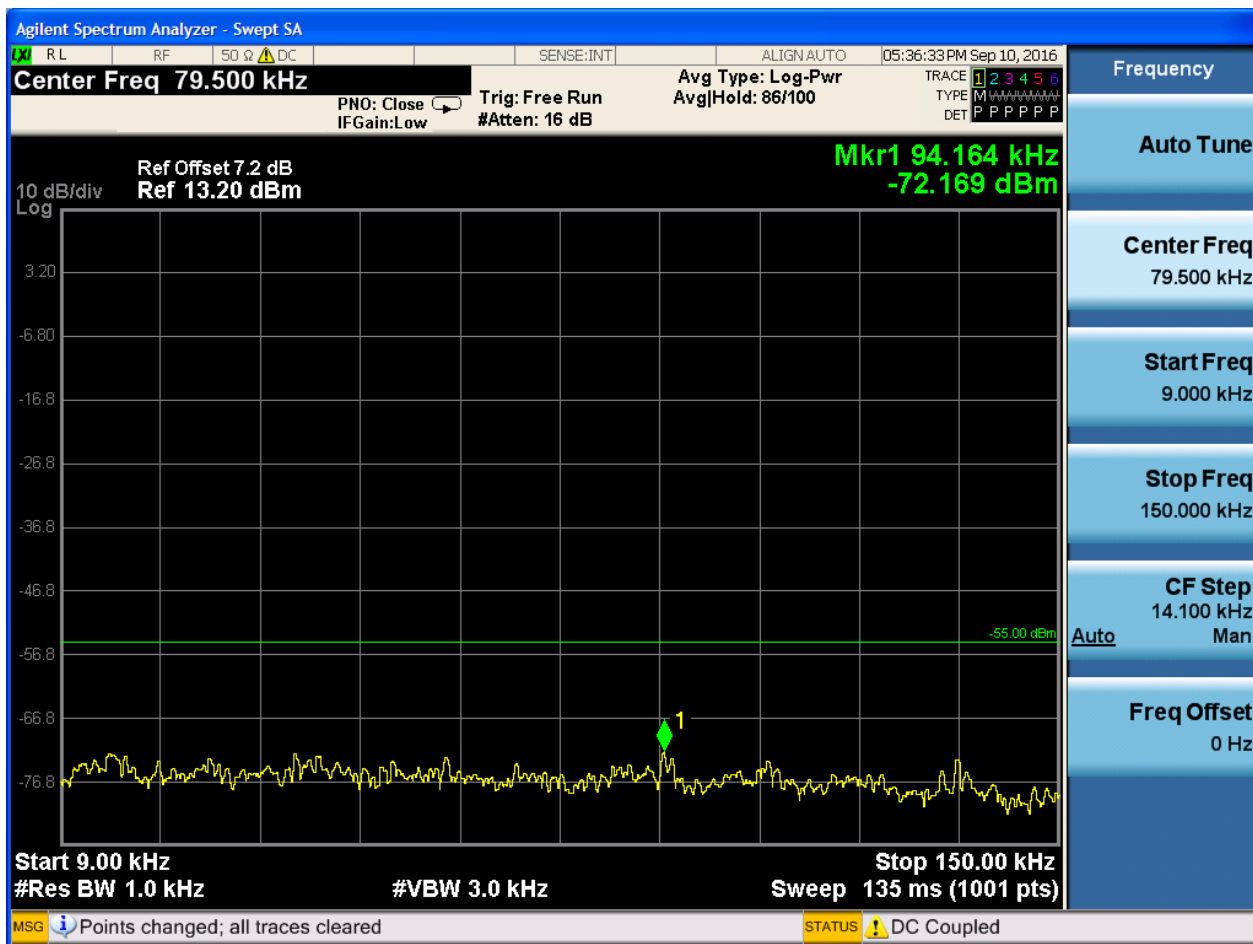




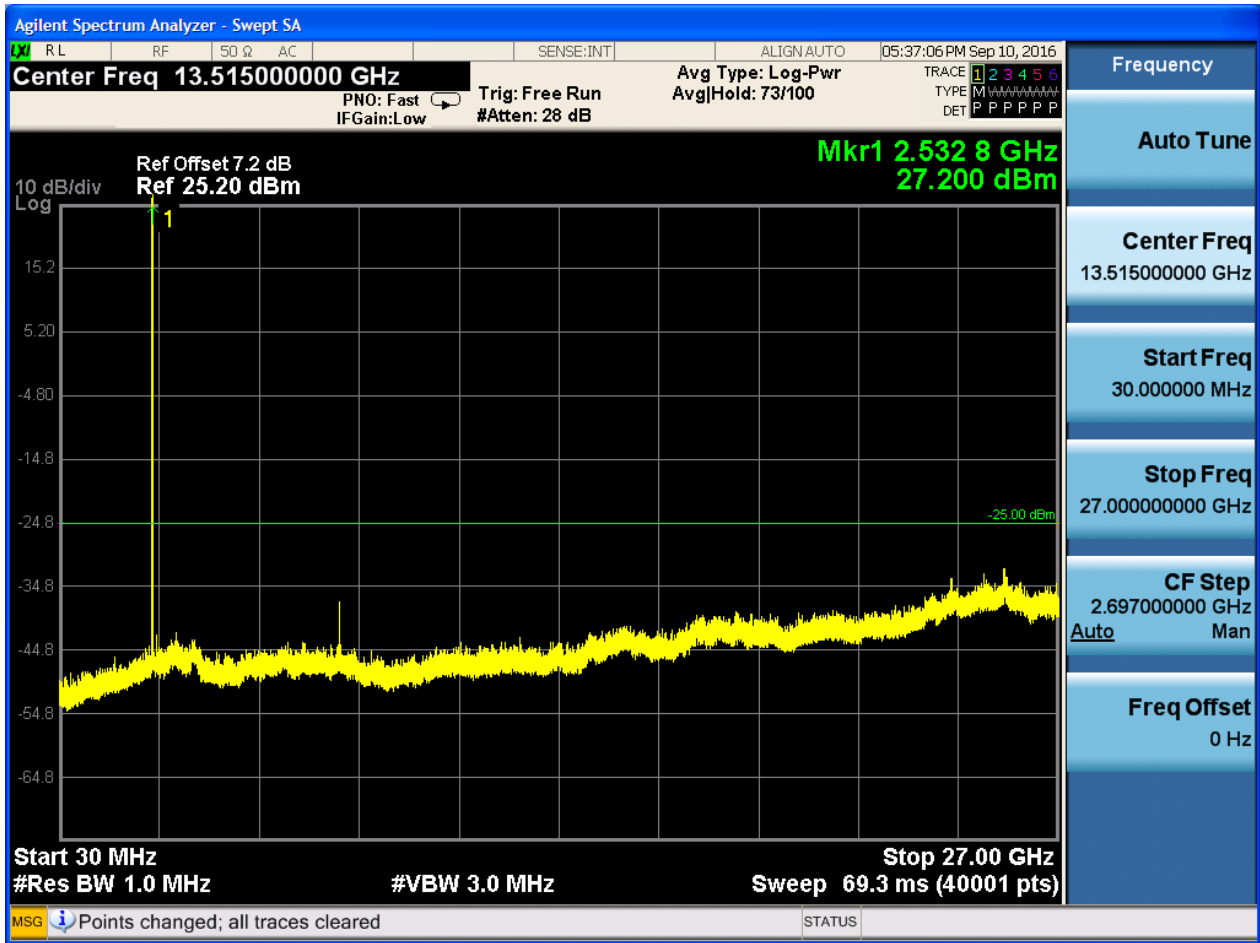


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

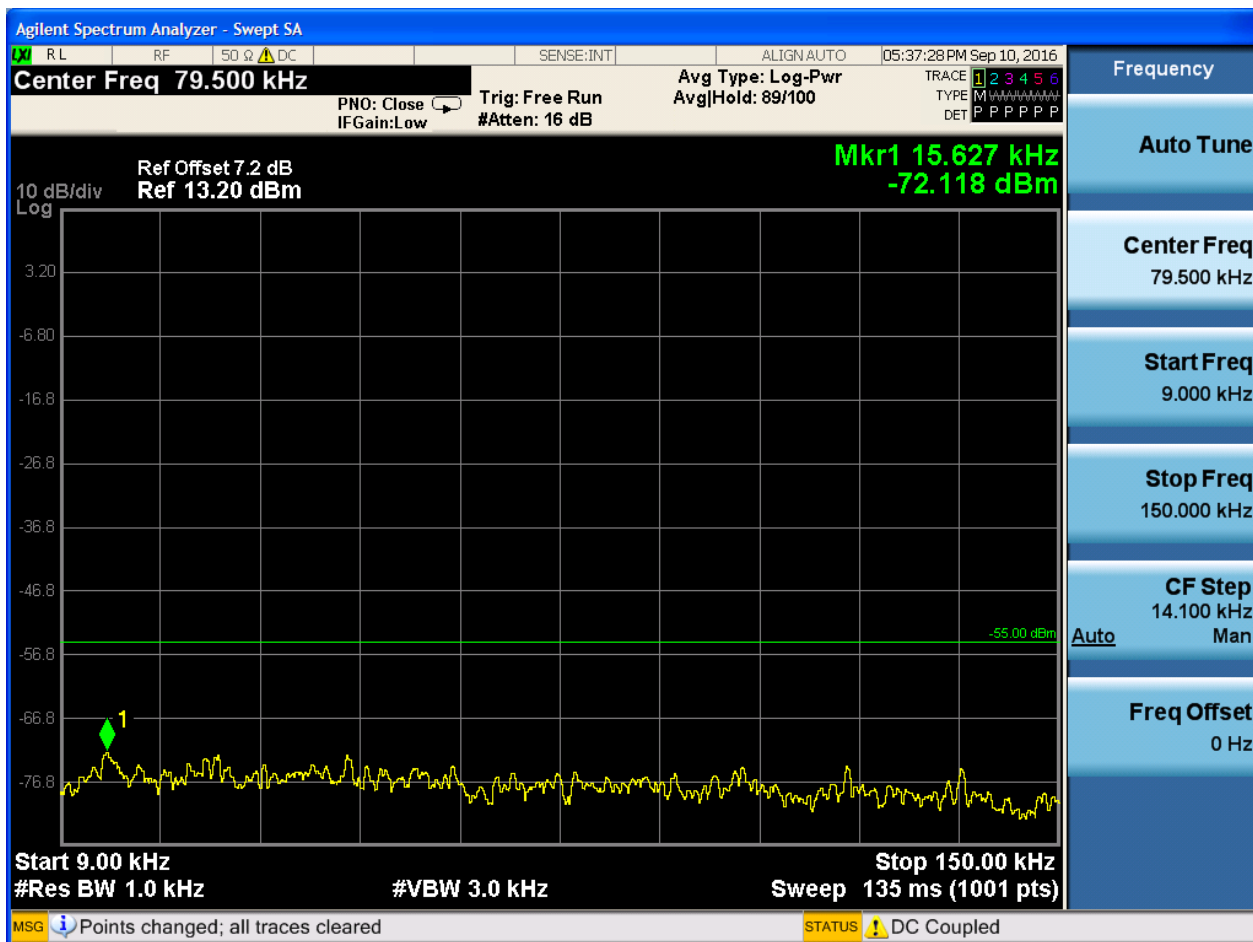




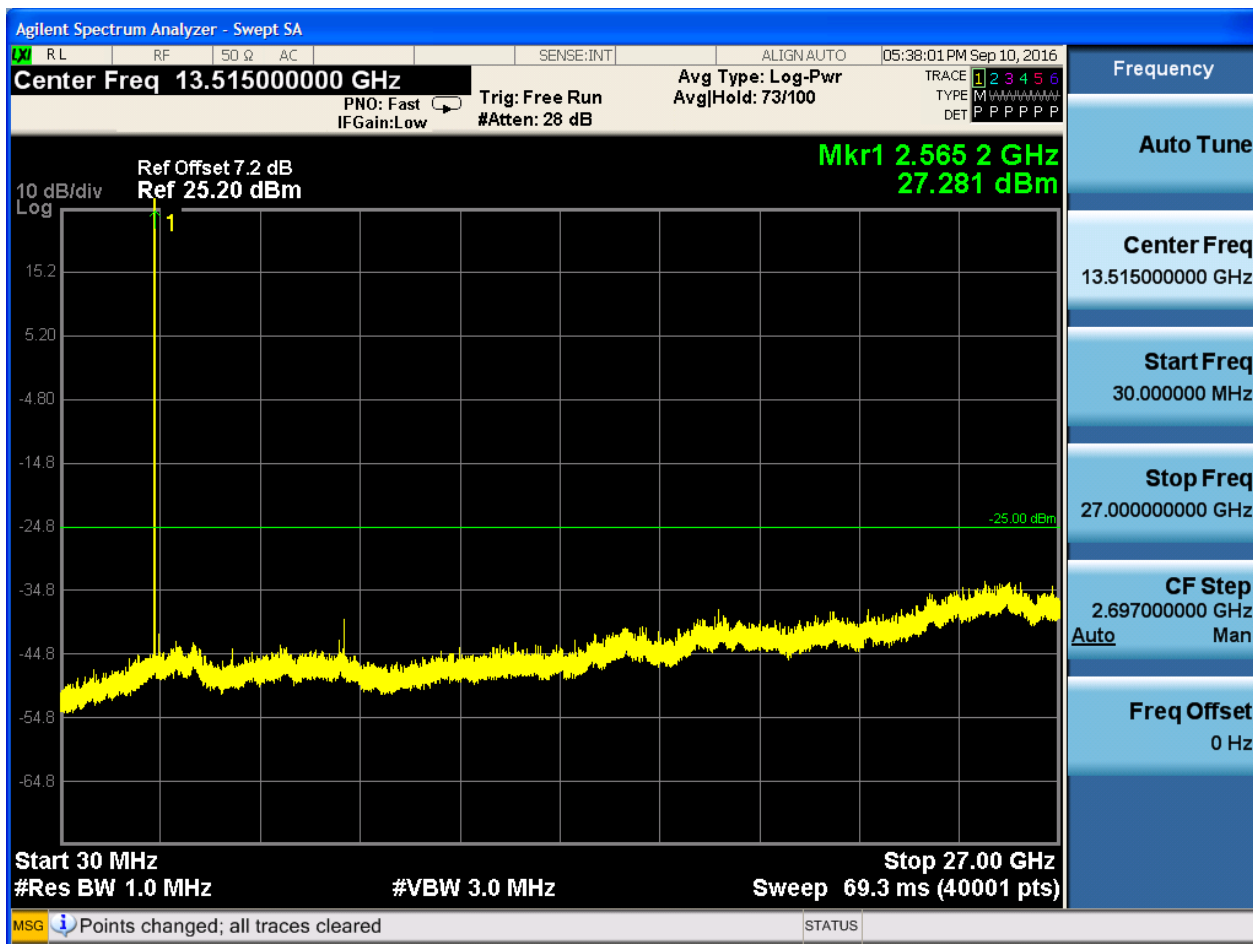


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



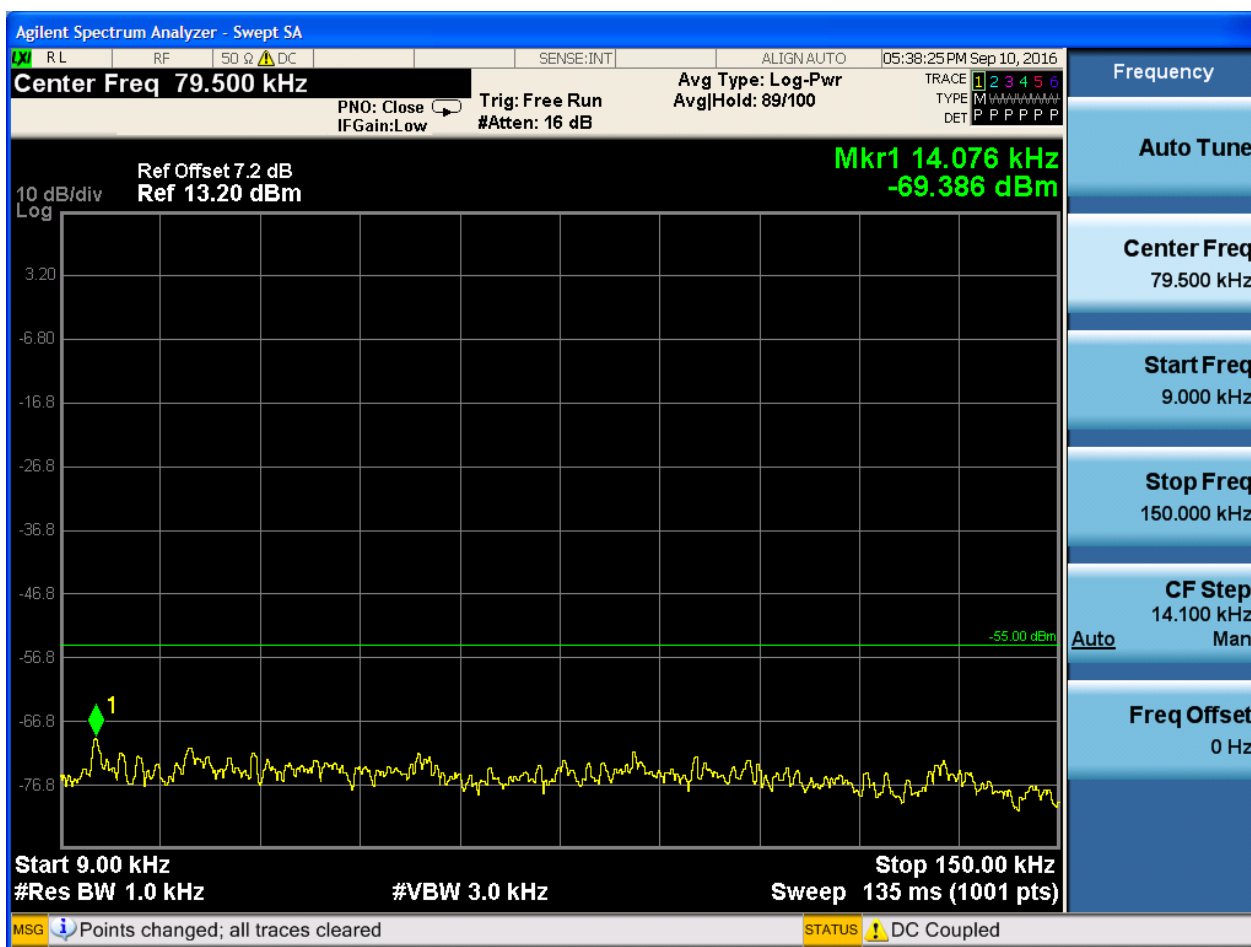


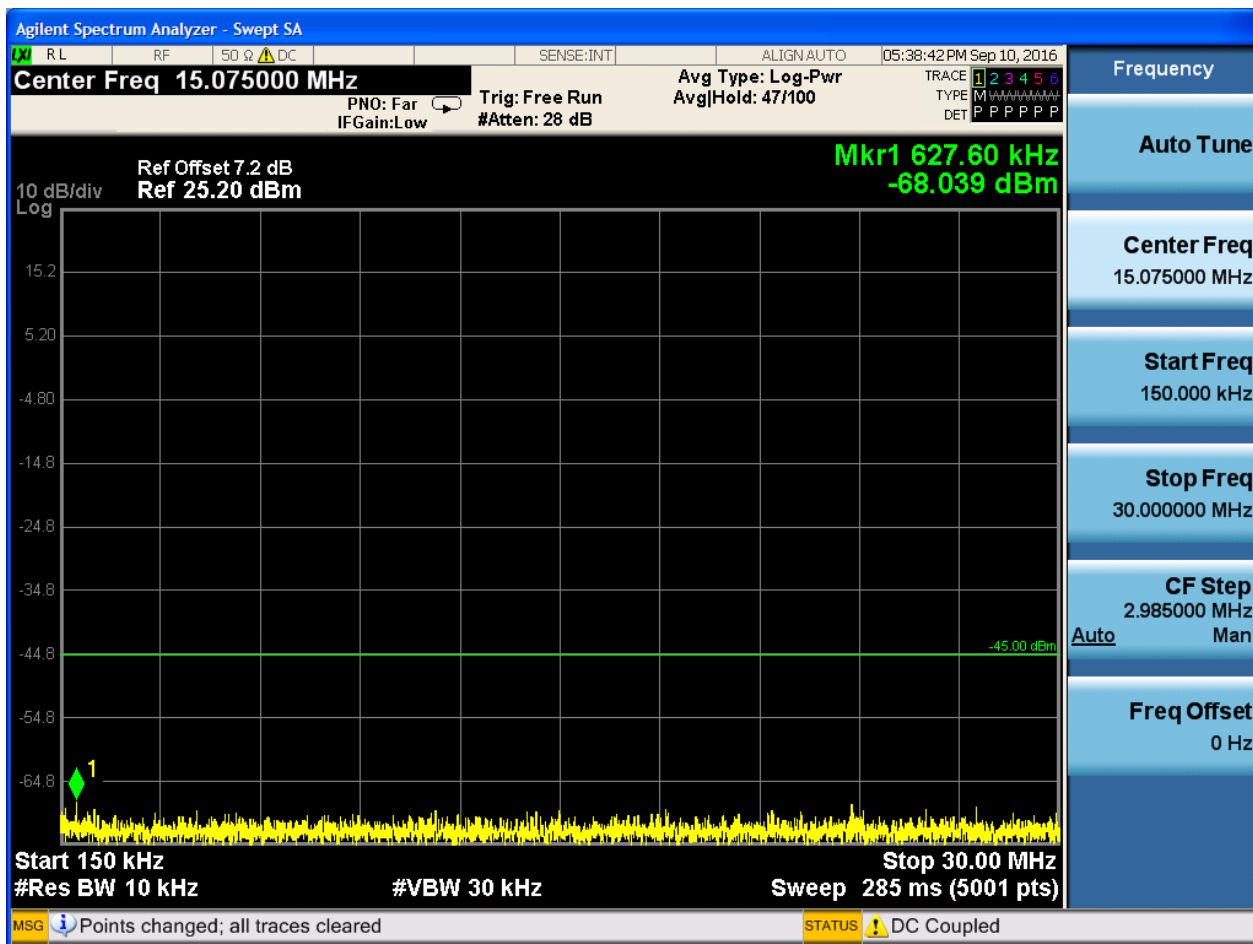


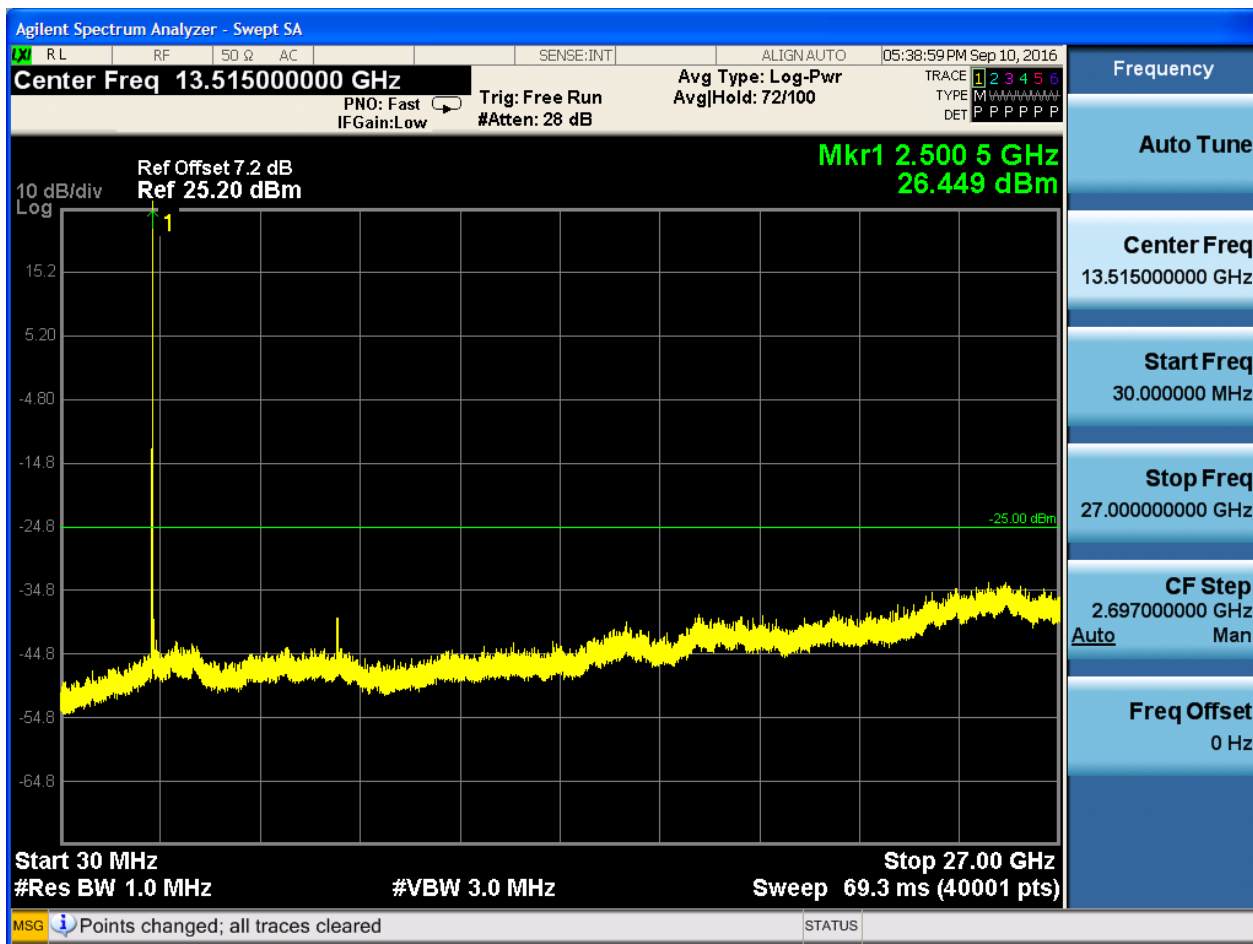
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

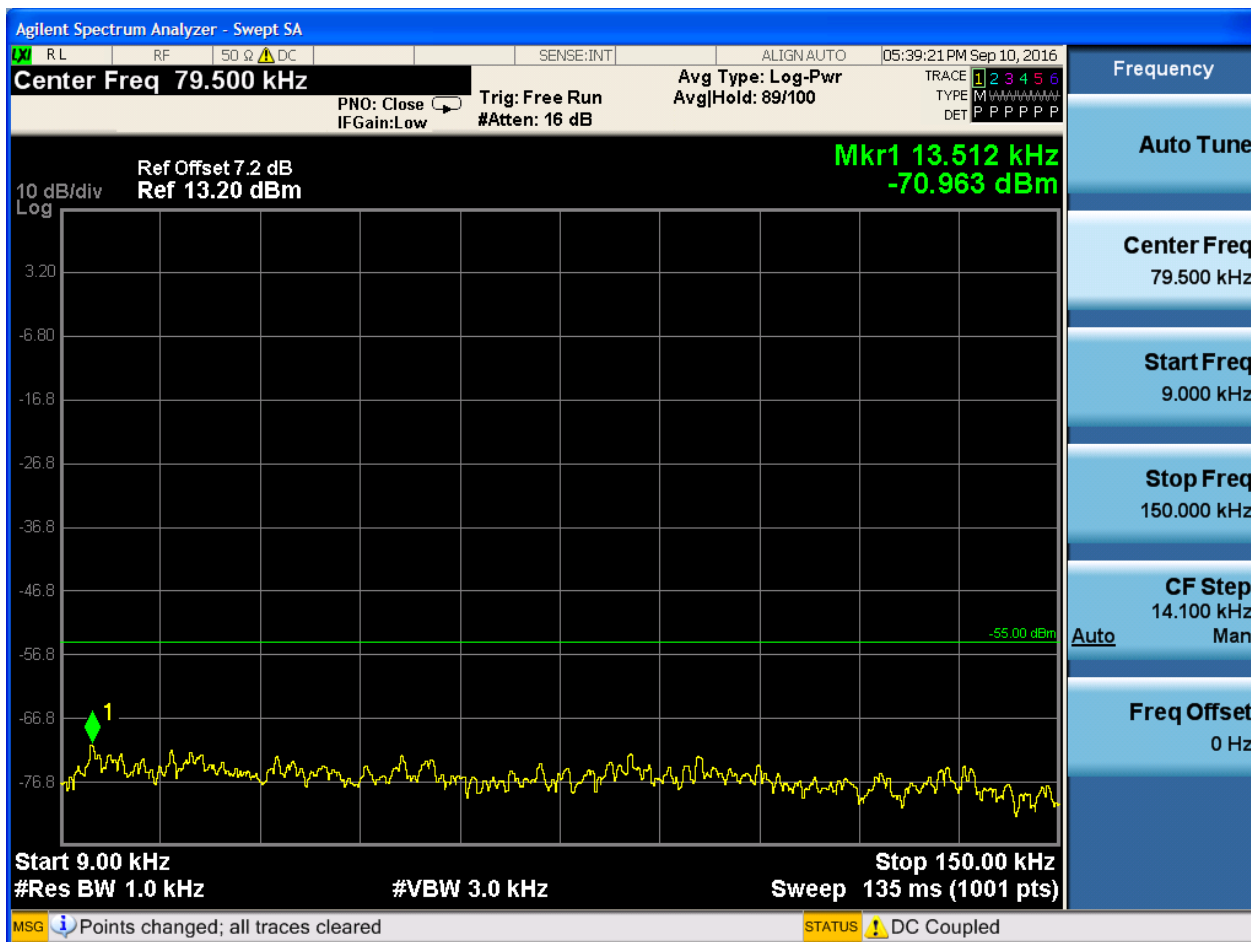


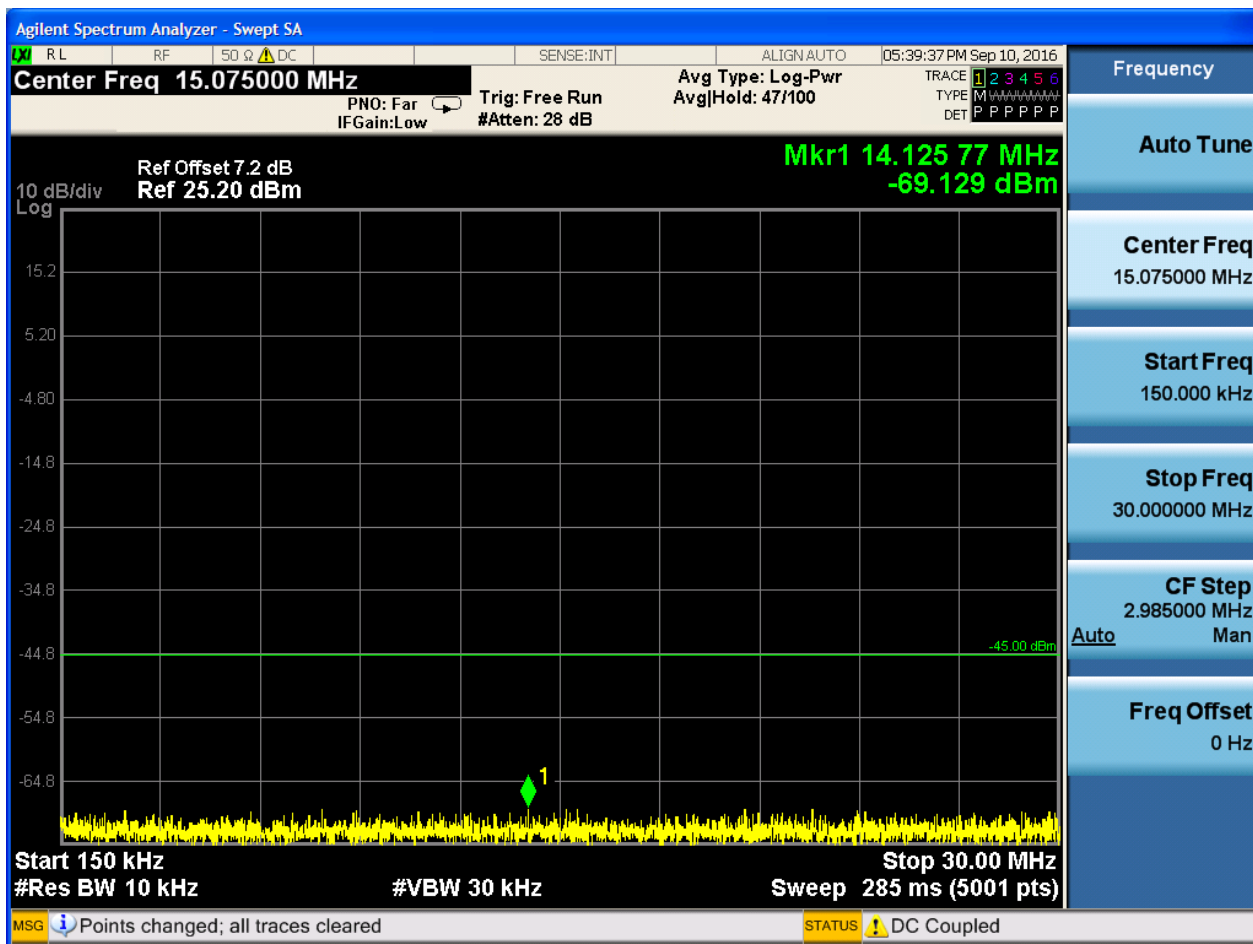


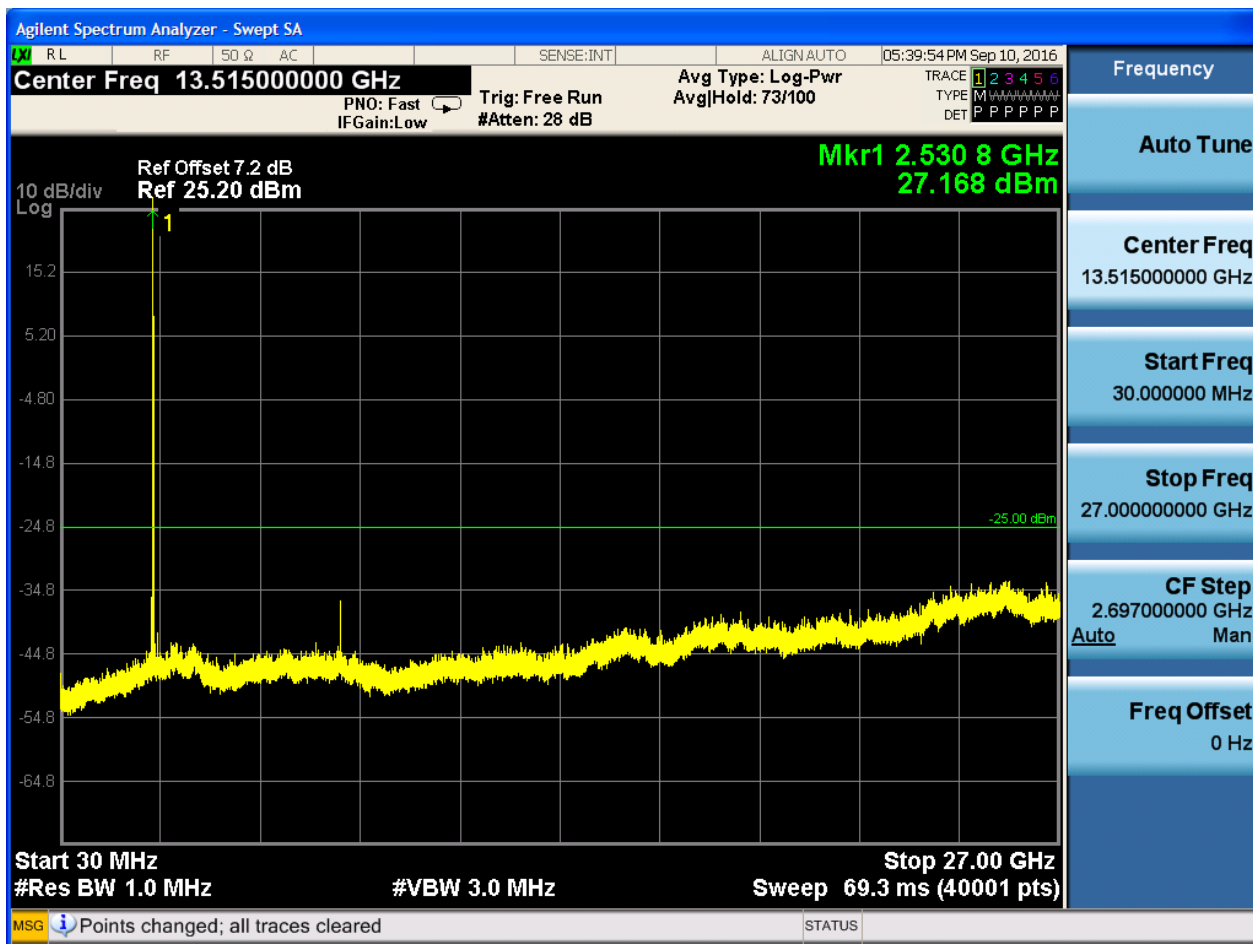


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



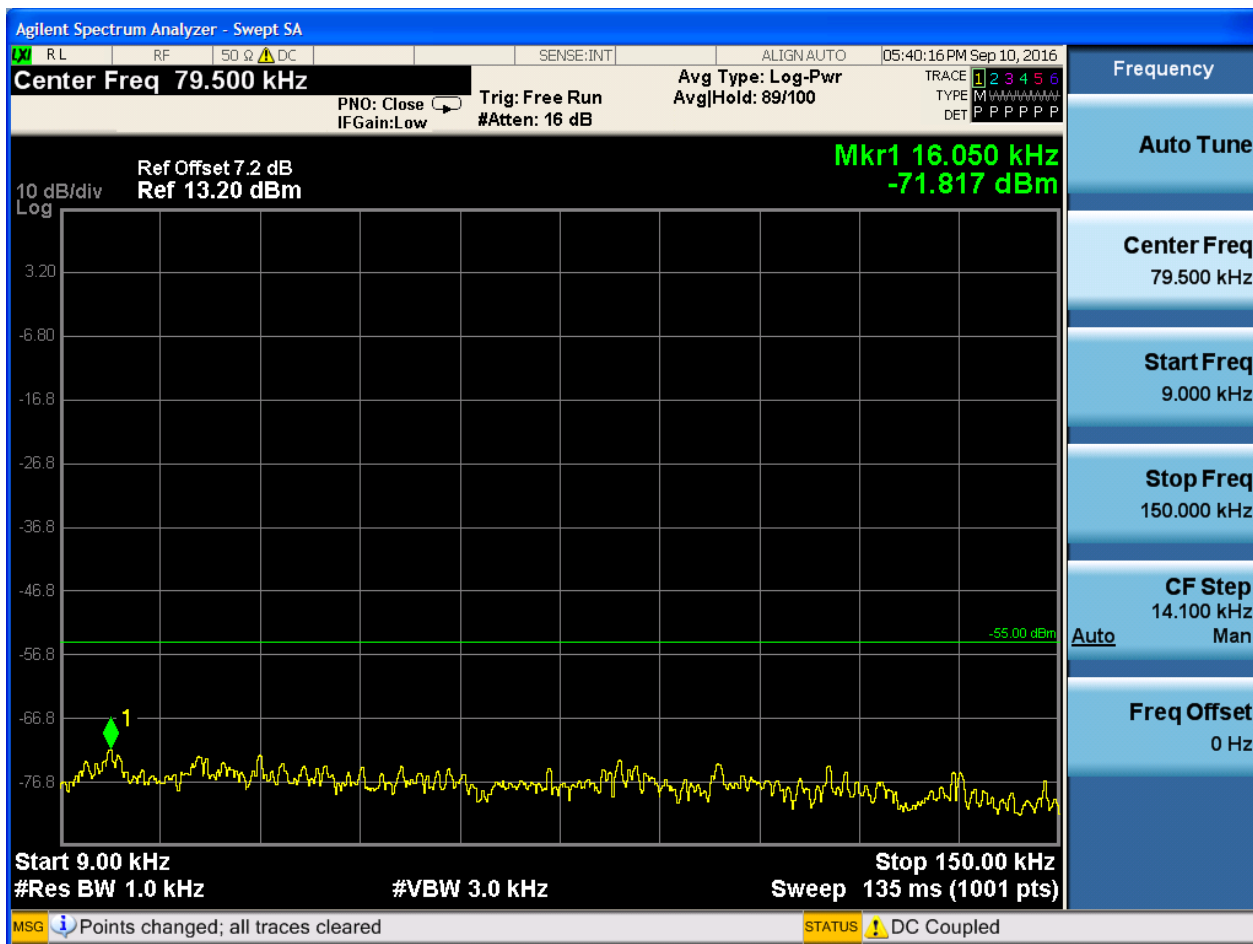


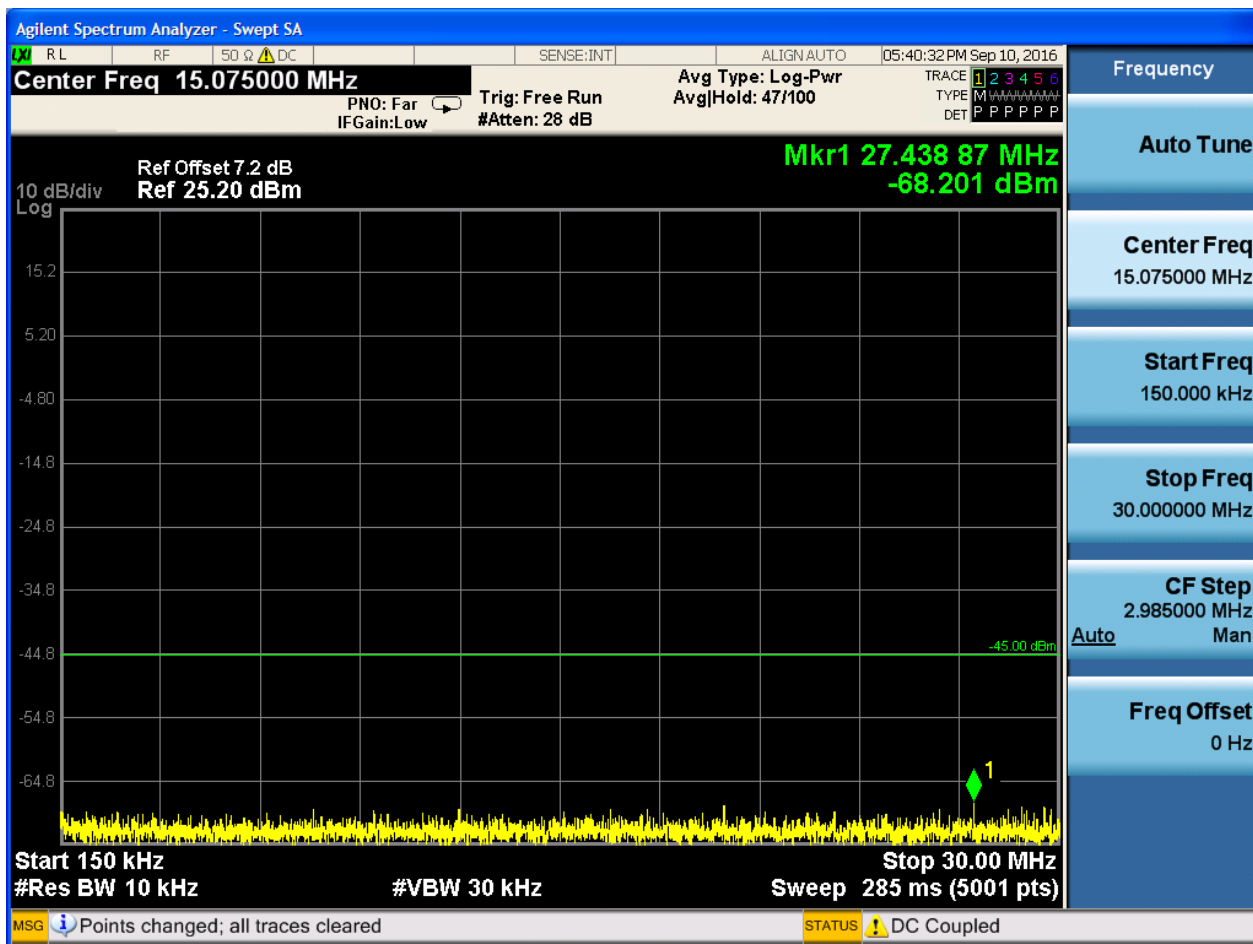


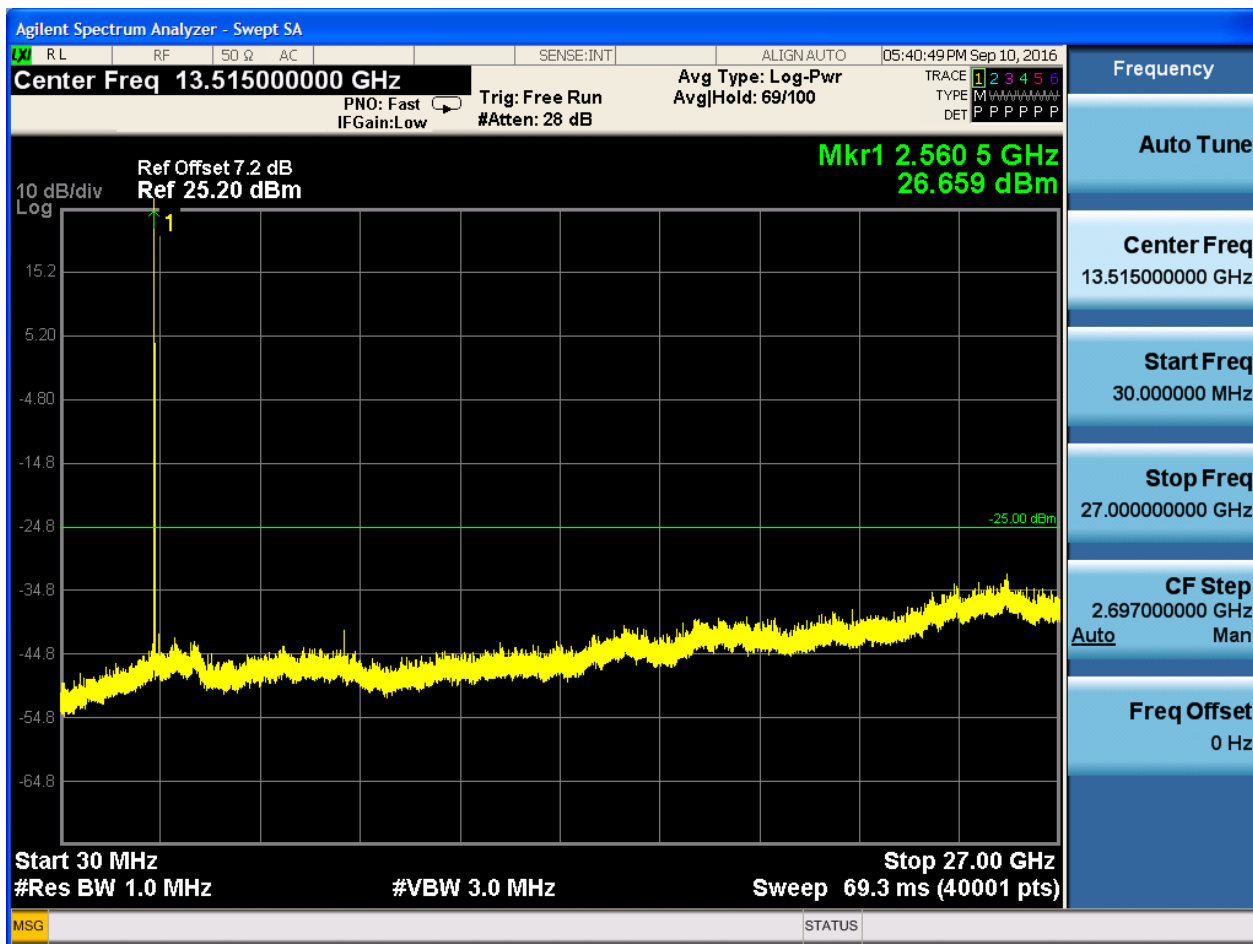


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



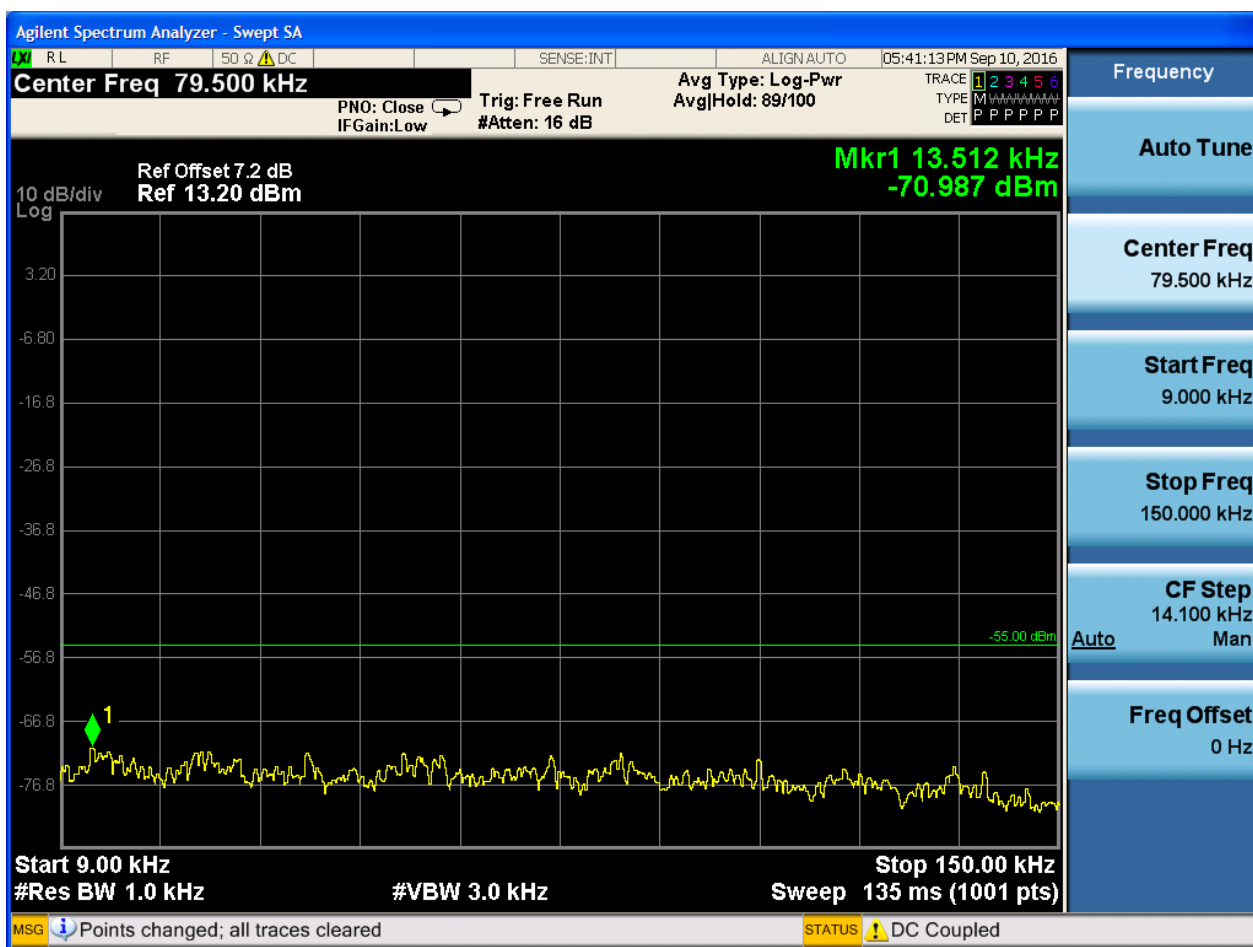




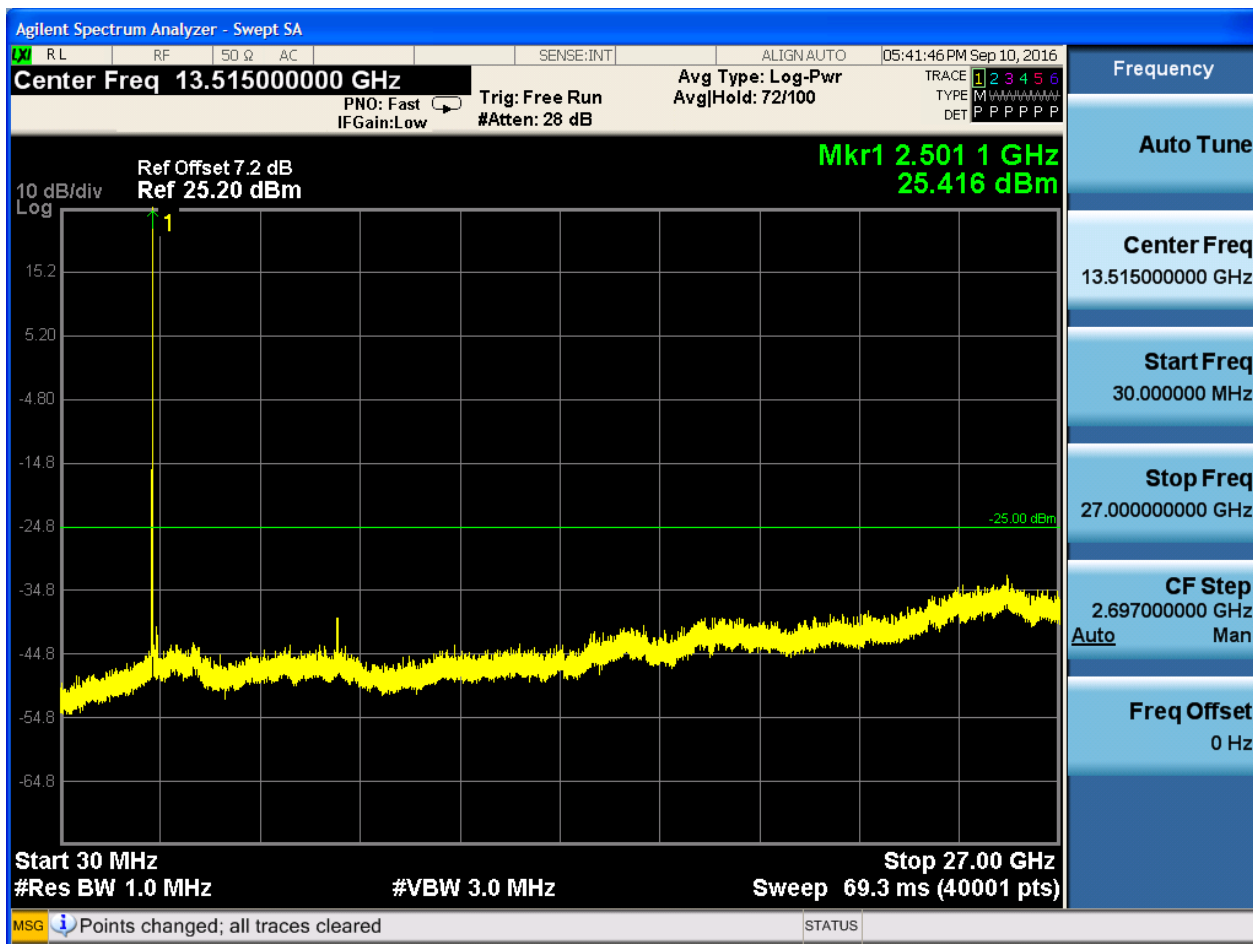
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

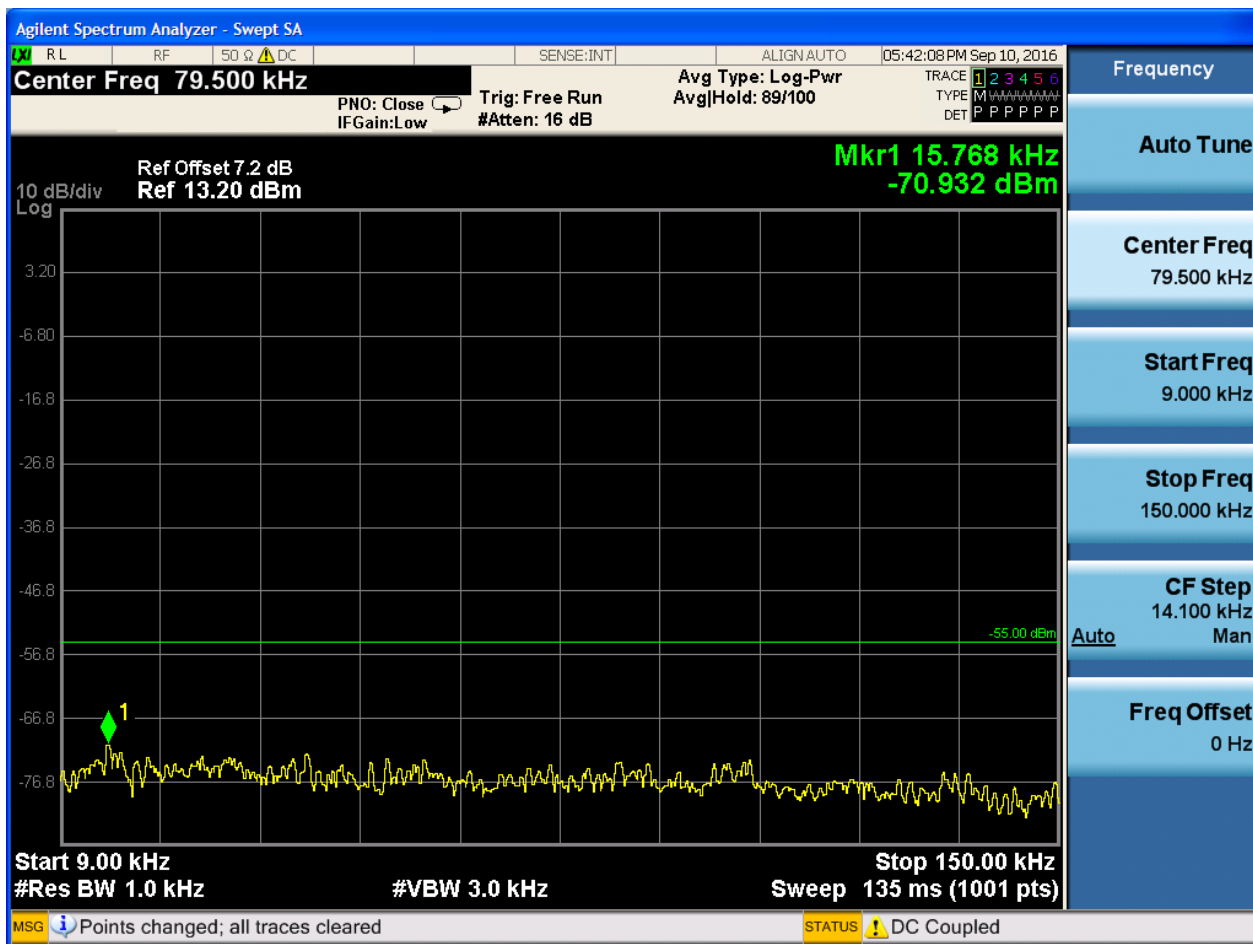


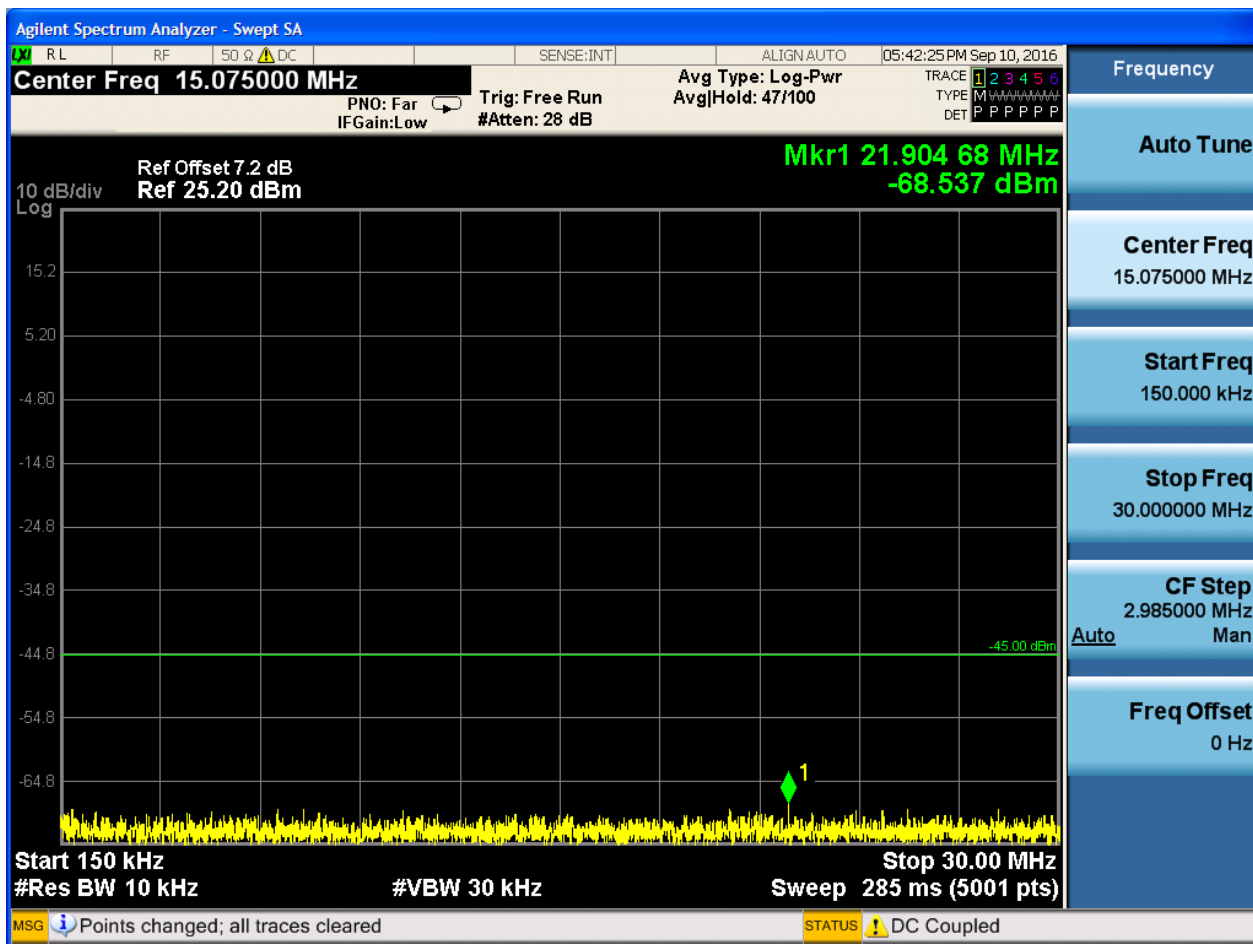


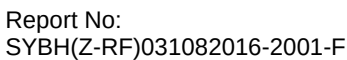


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

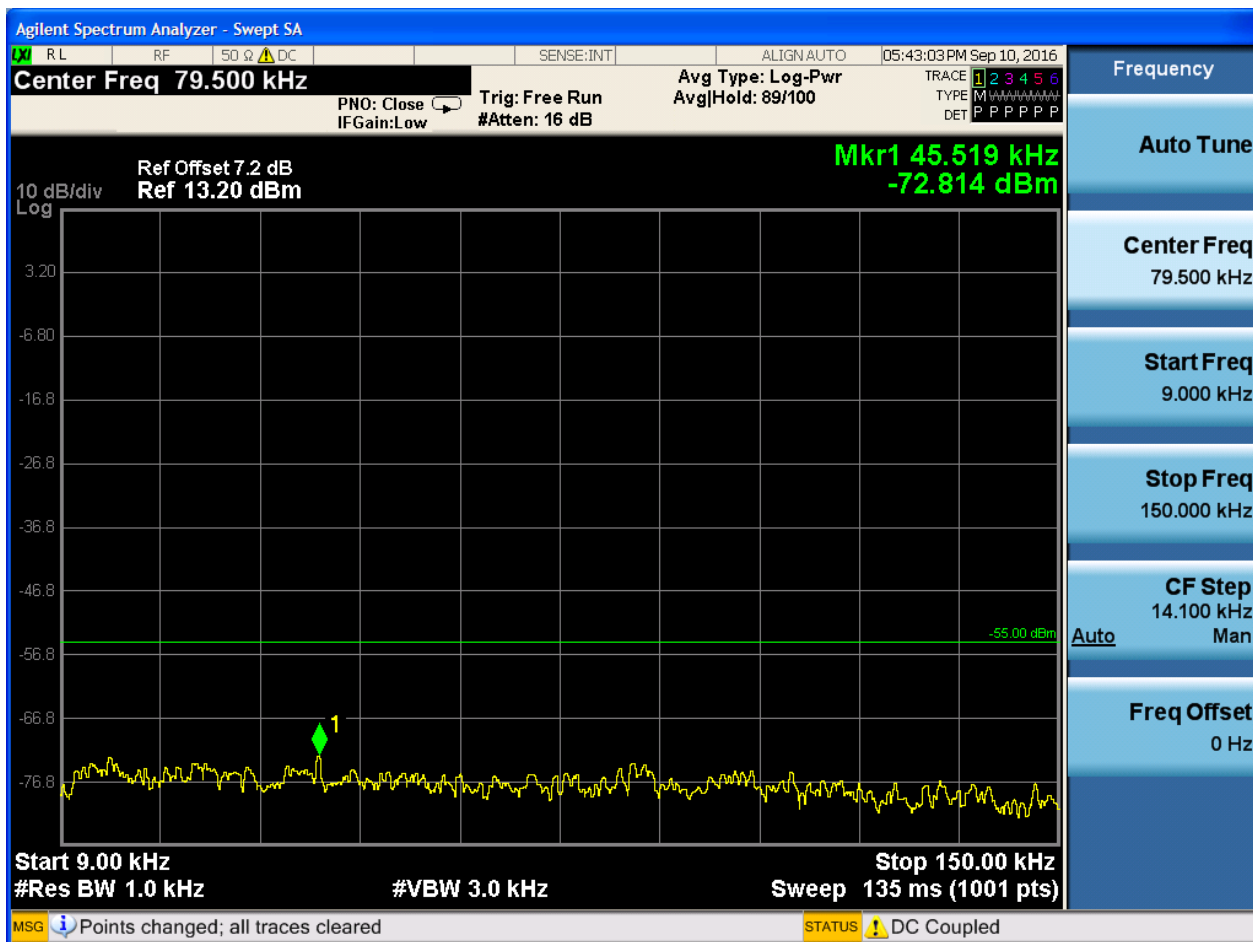




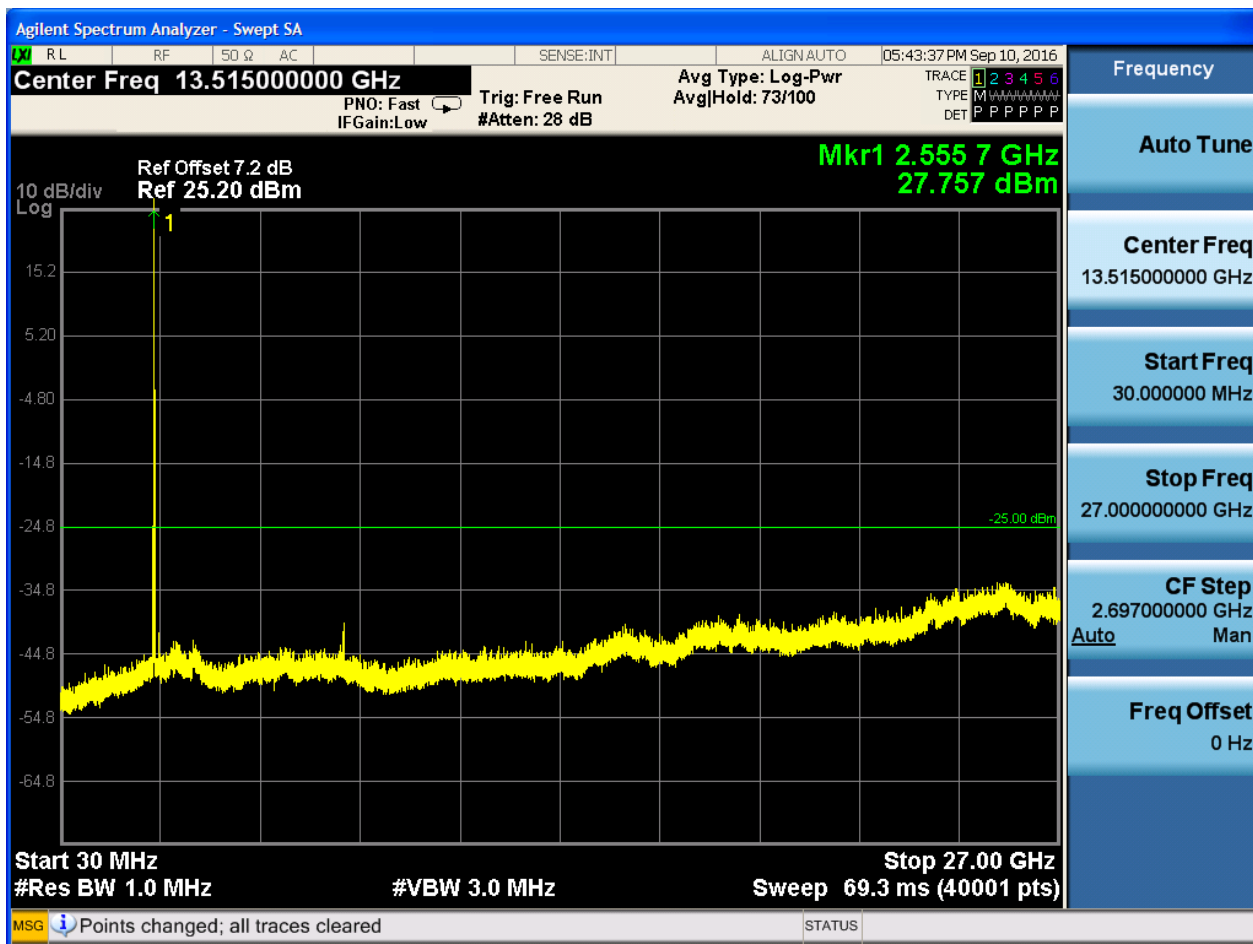


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





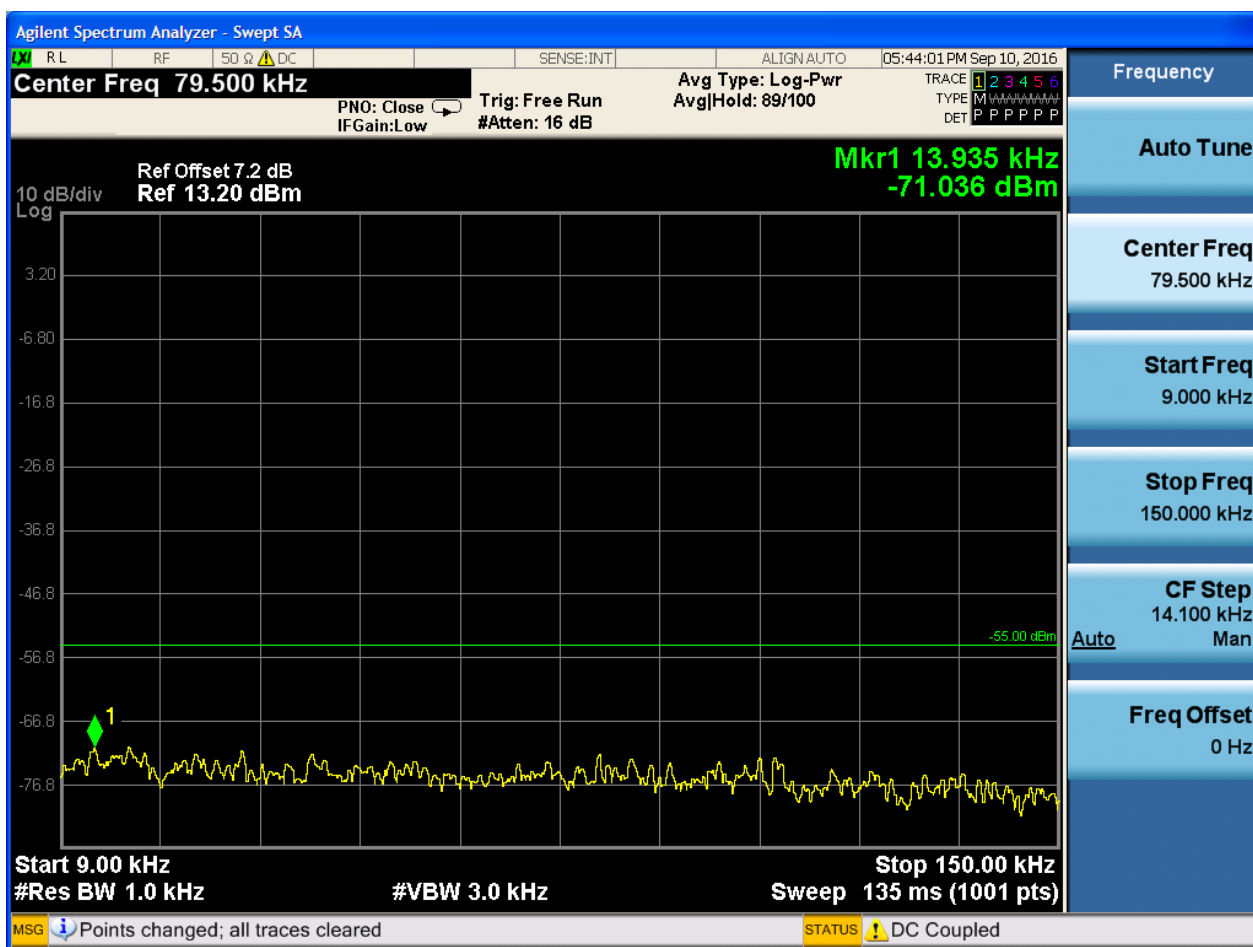


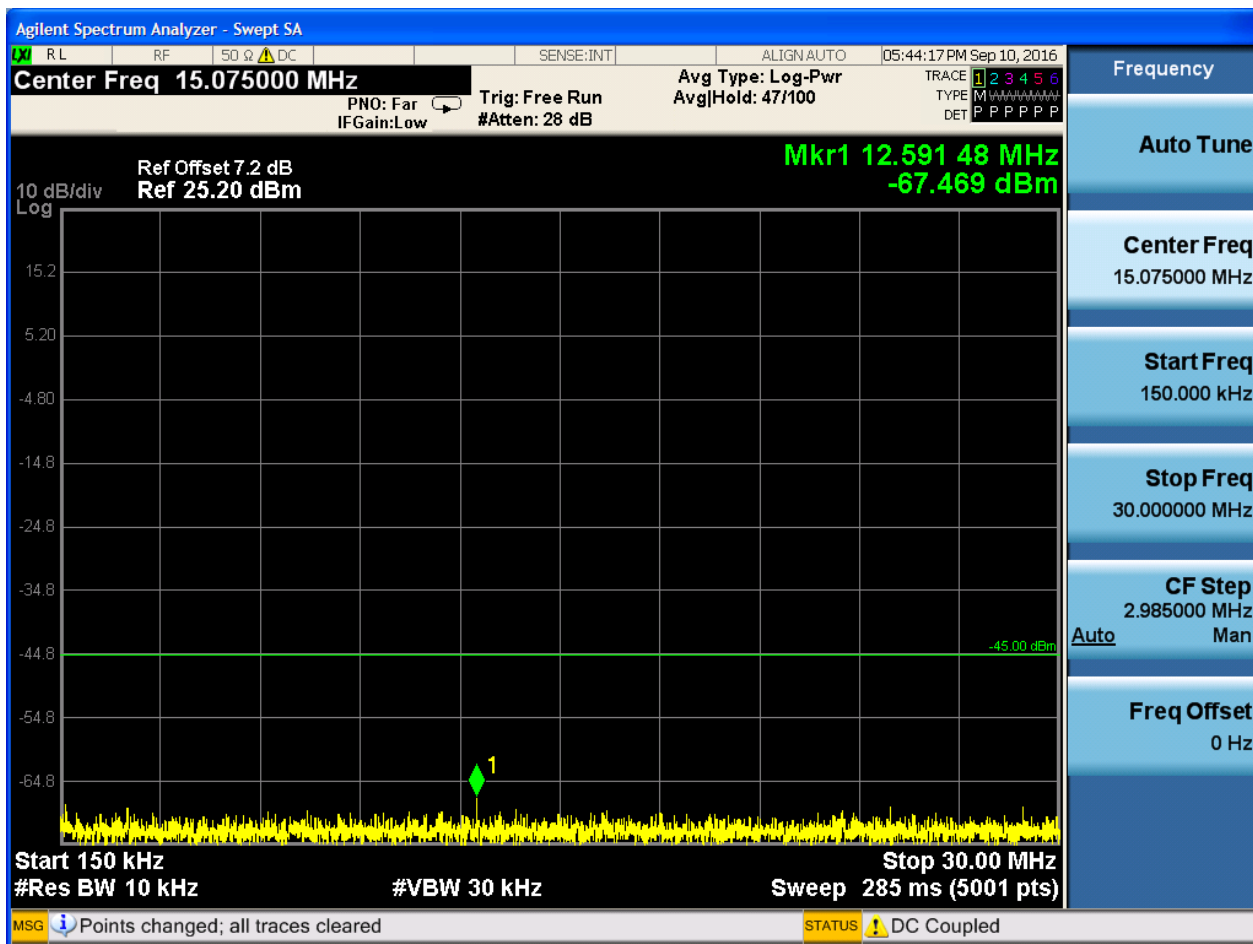


6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

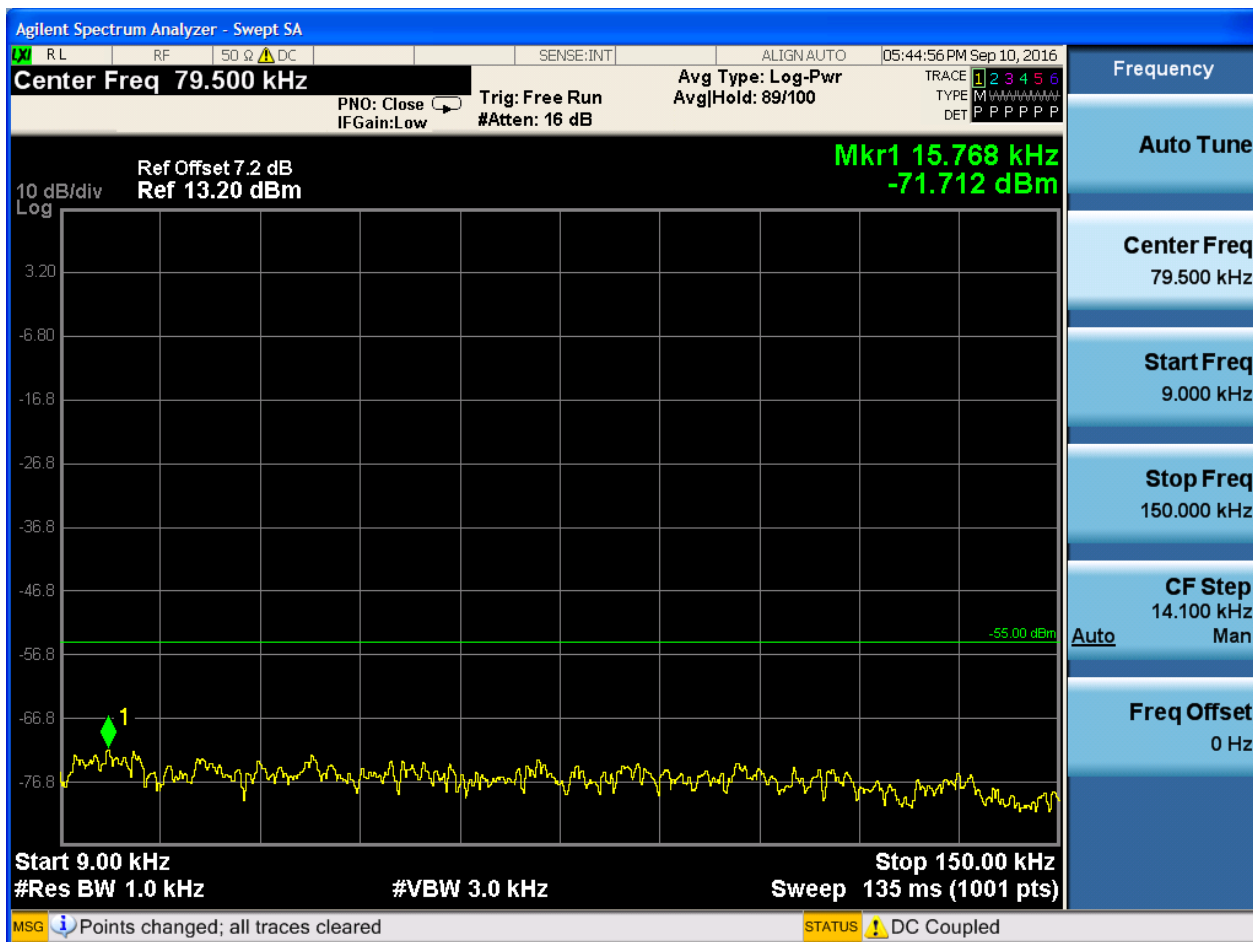
6.1.1.2.4.1.1 Test RB = RB1#0

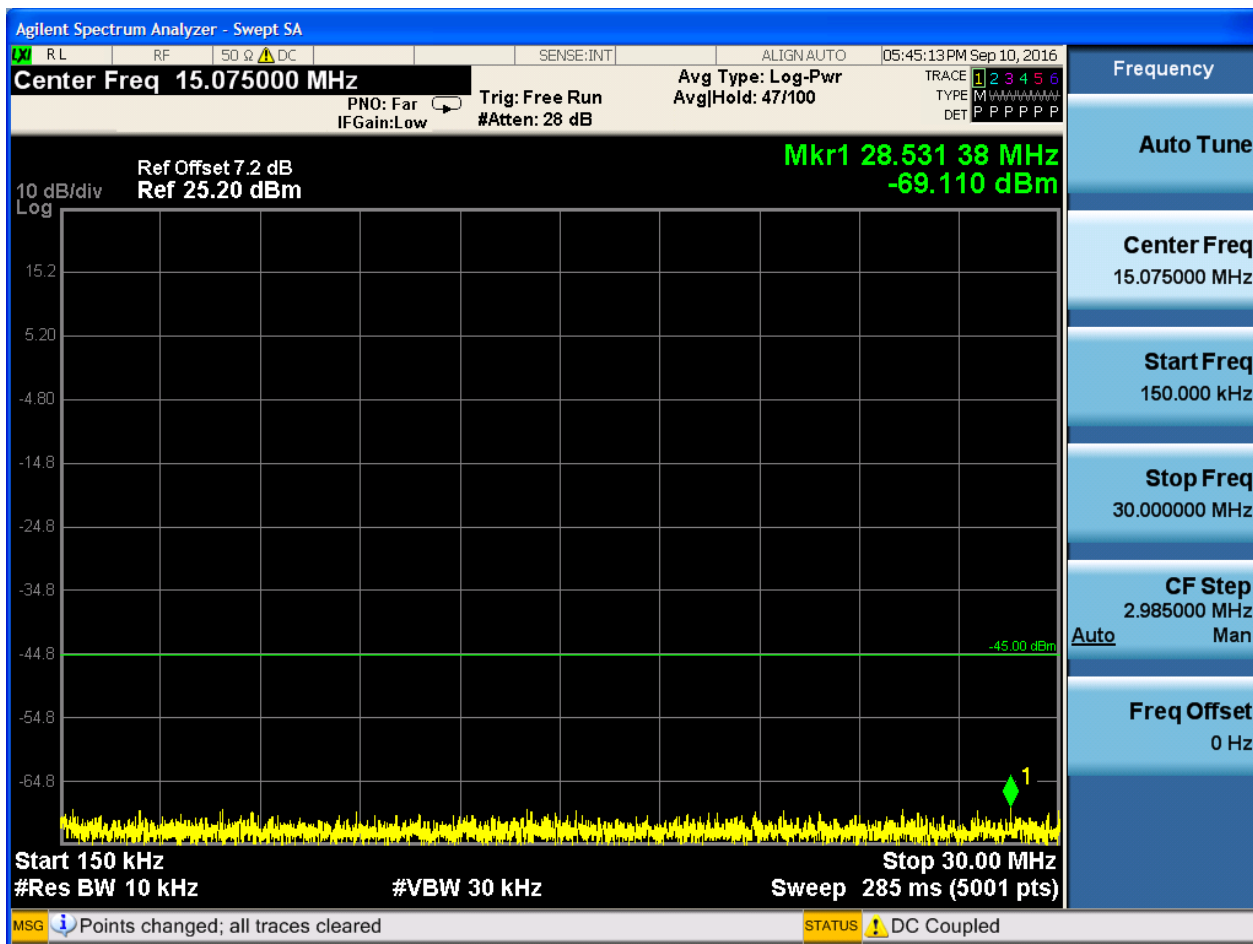


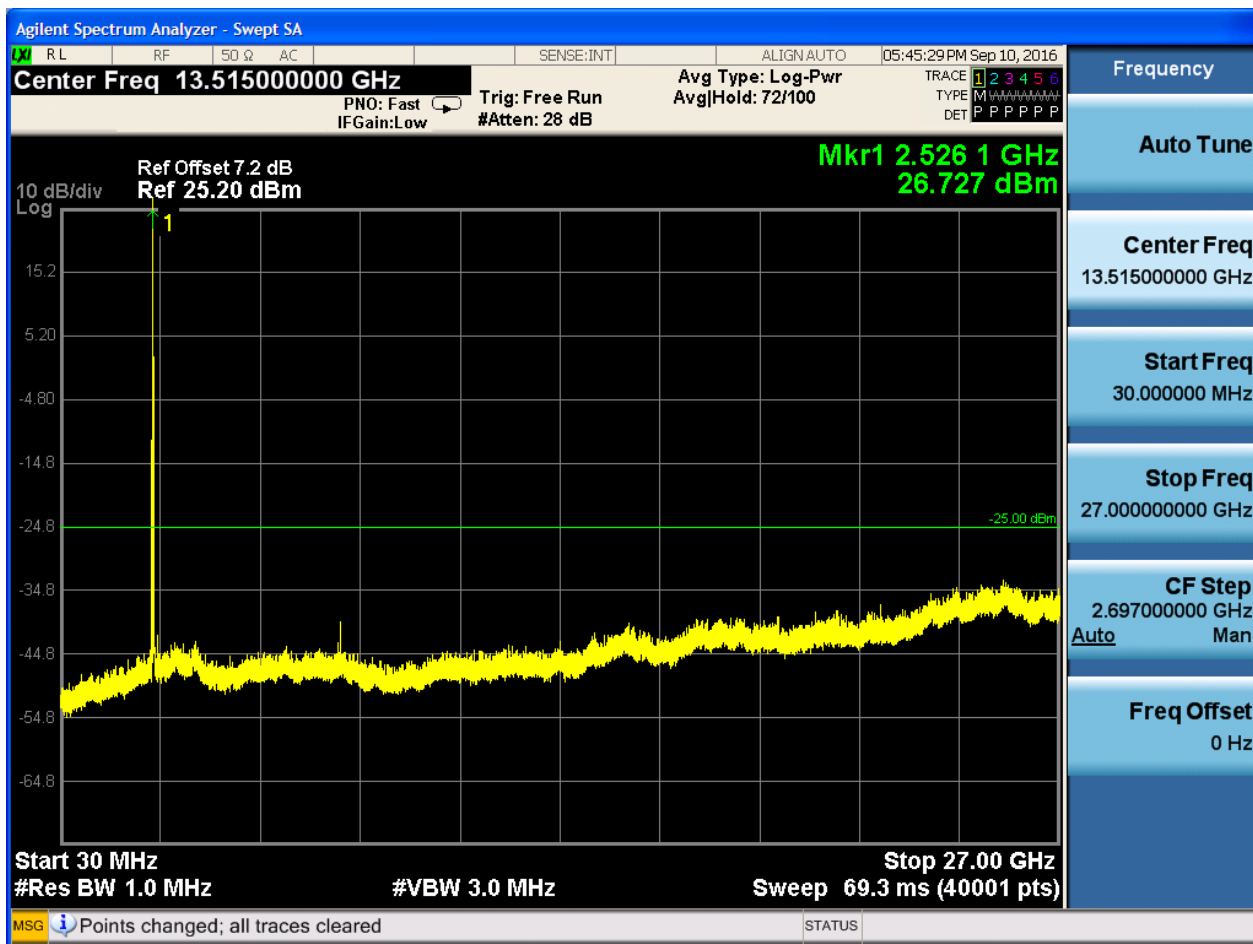


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0

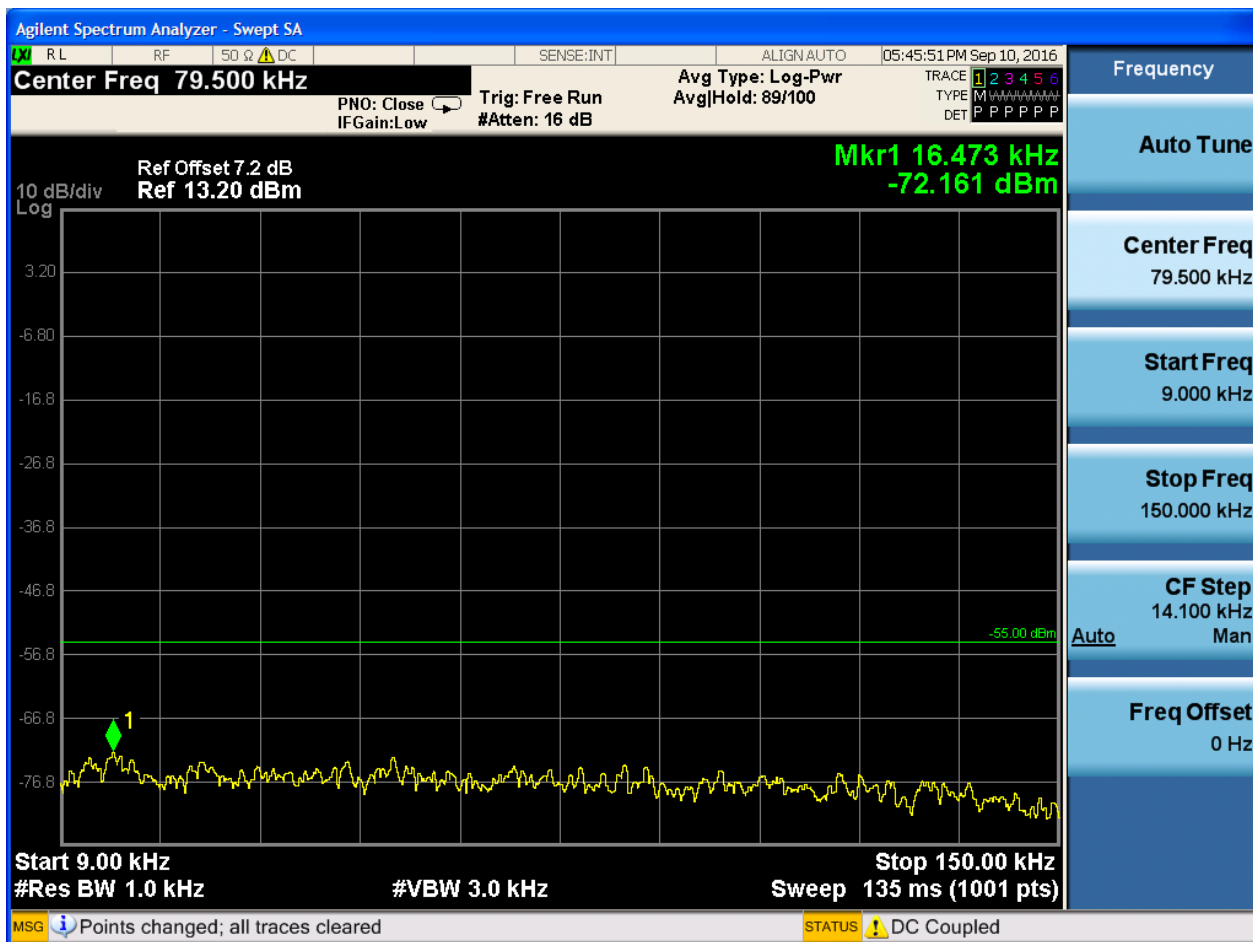


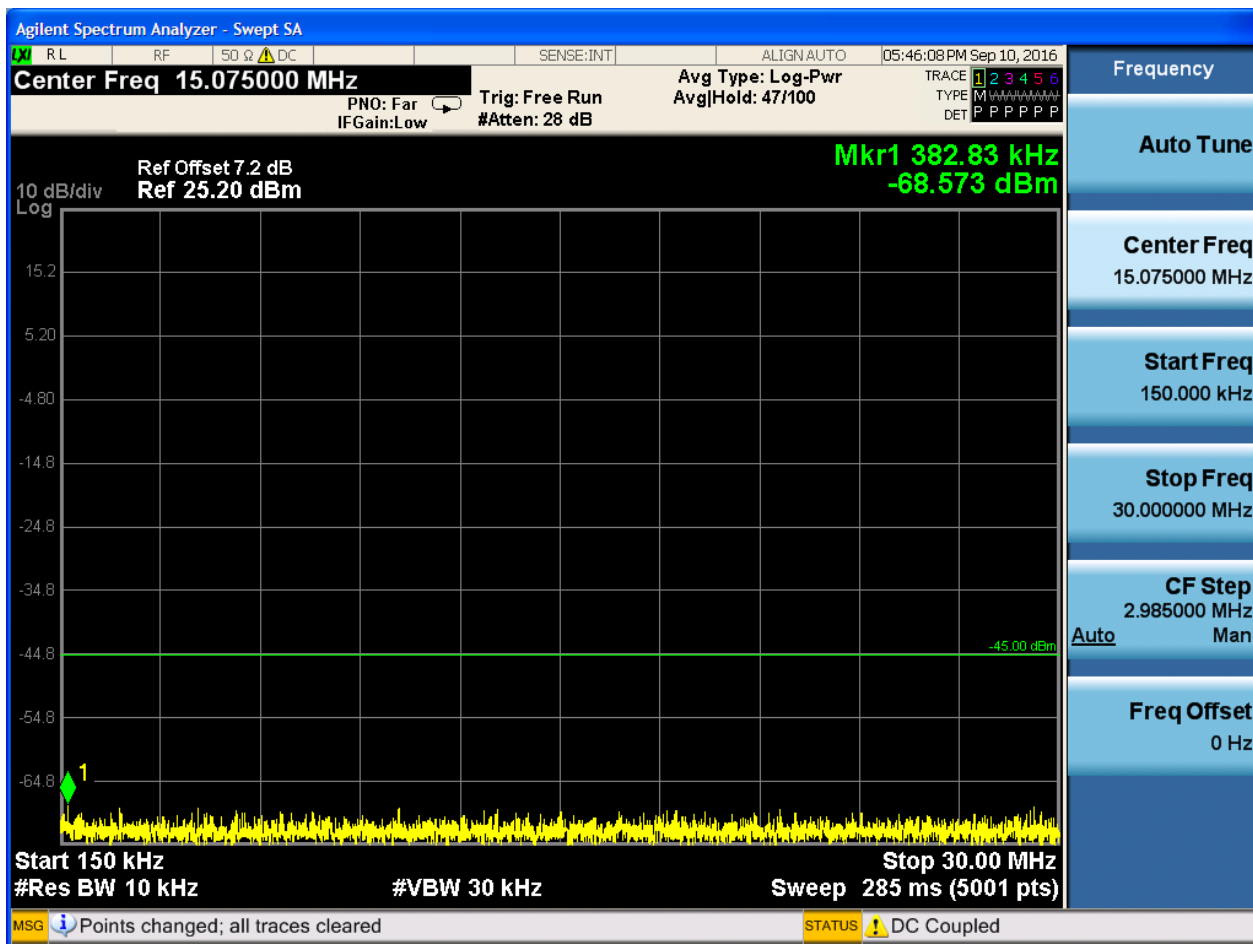


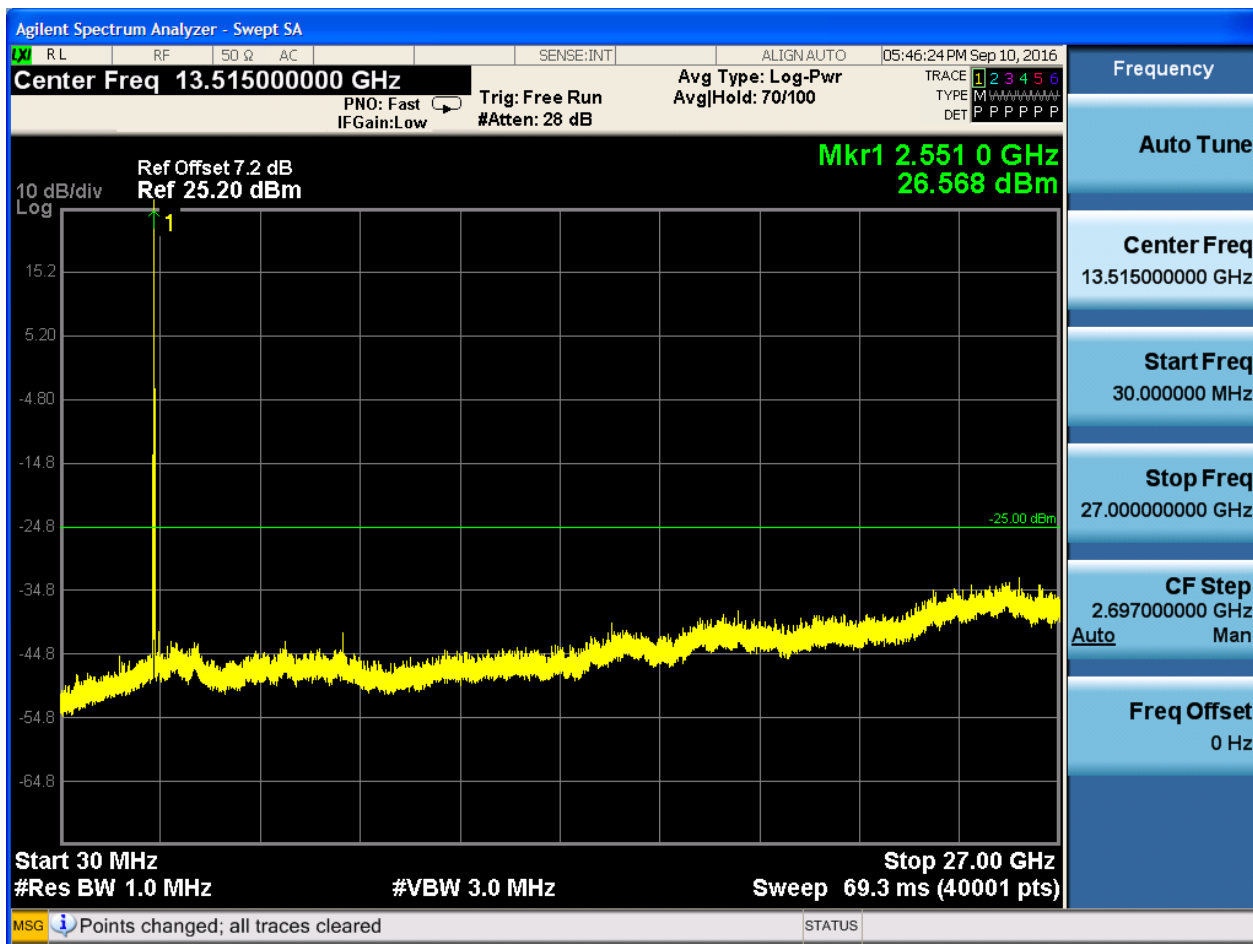


6.1.1.2.4.3 Test Channel = HCH

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.

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

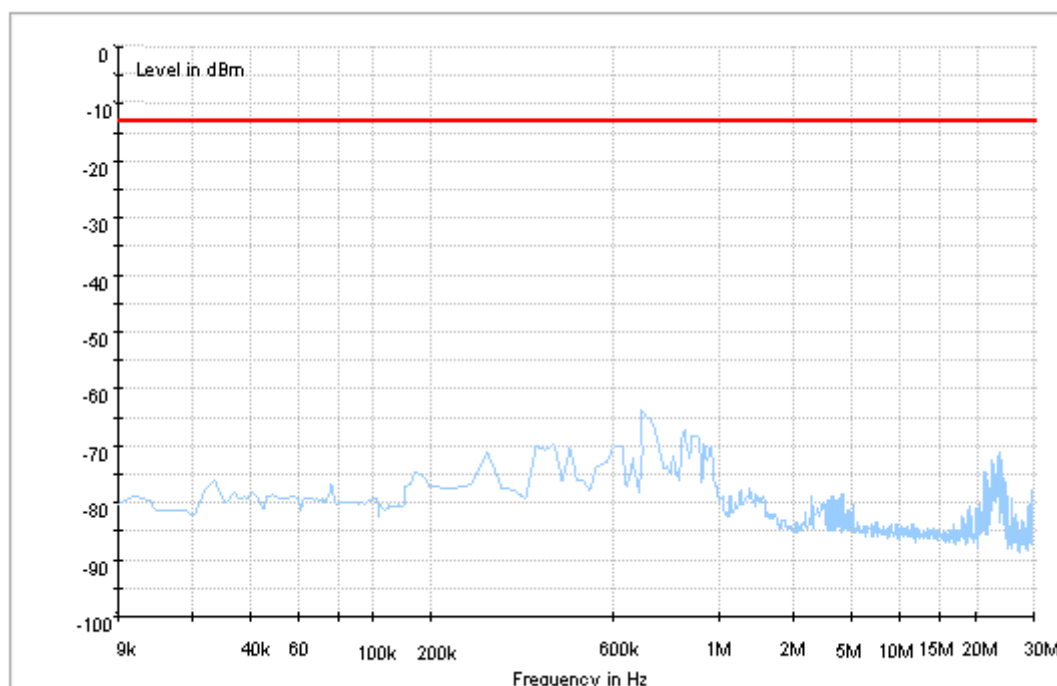
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

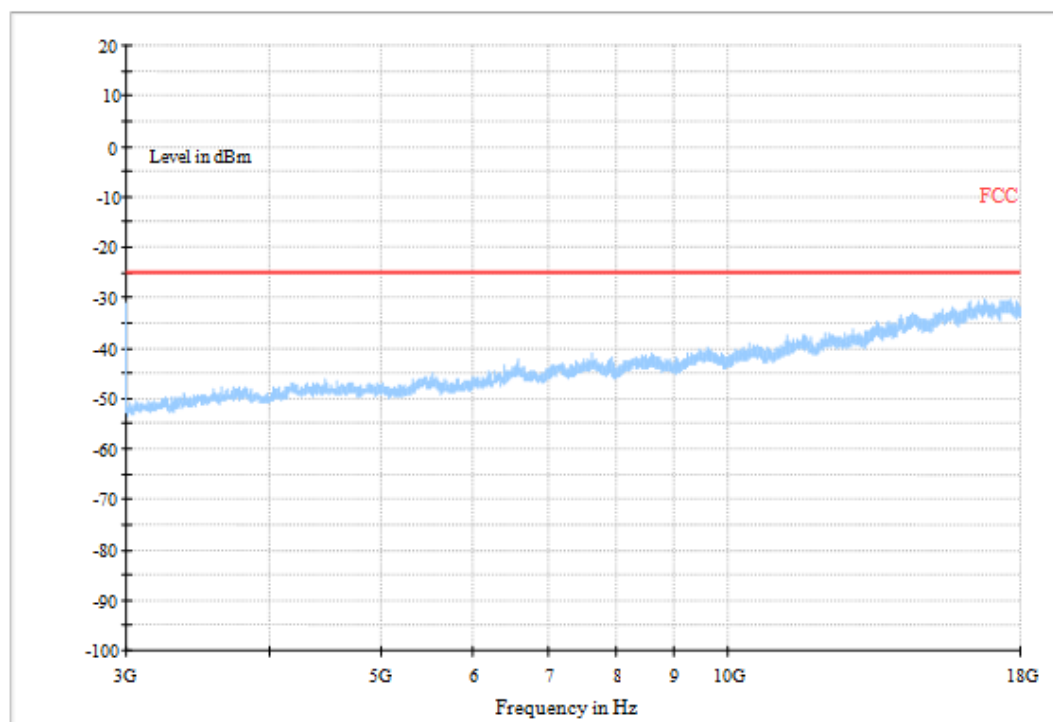
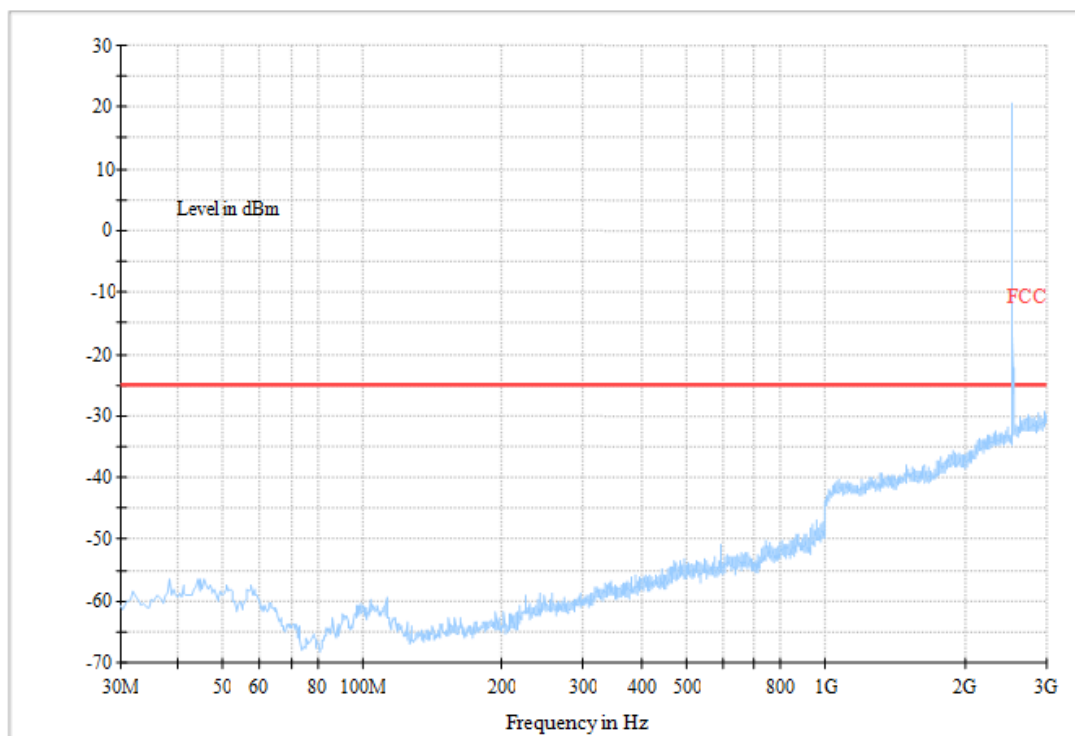
Part I - Test Plots

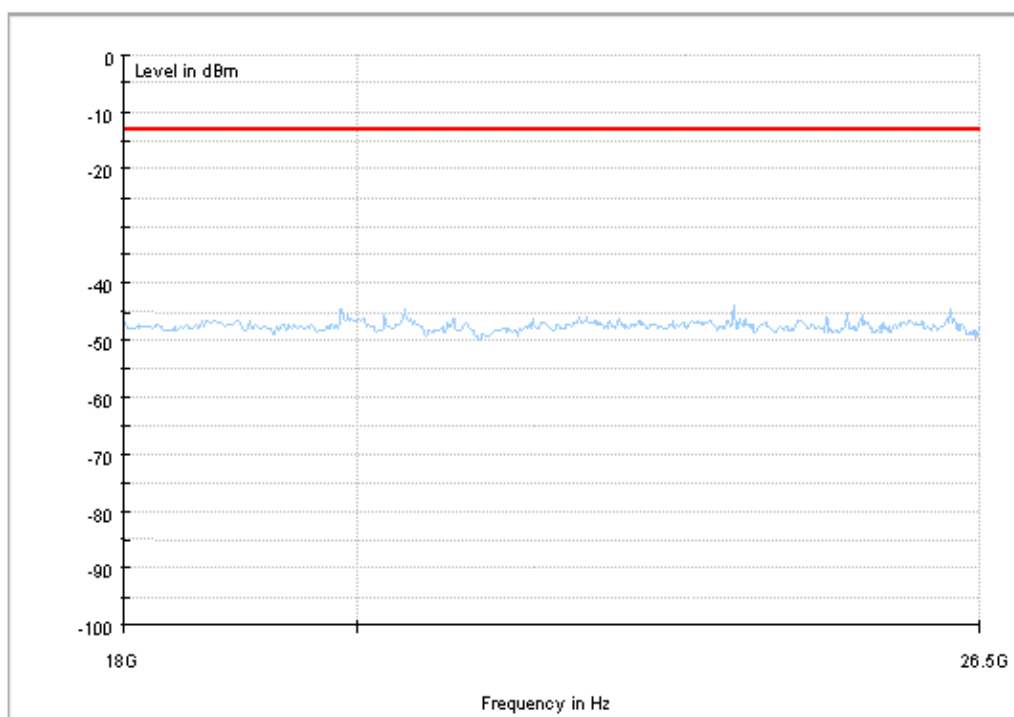
7.1 For LTE

7.1.1 Test Band = BAND7_Ant1

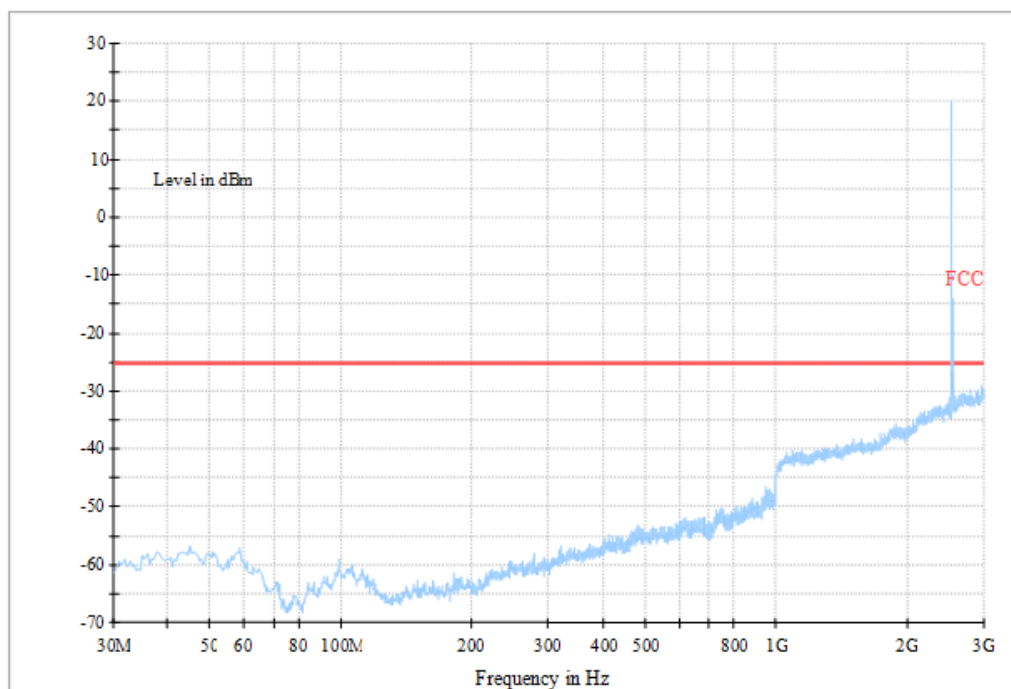
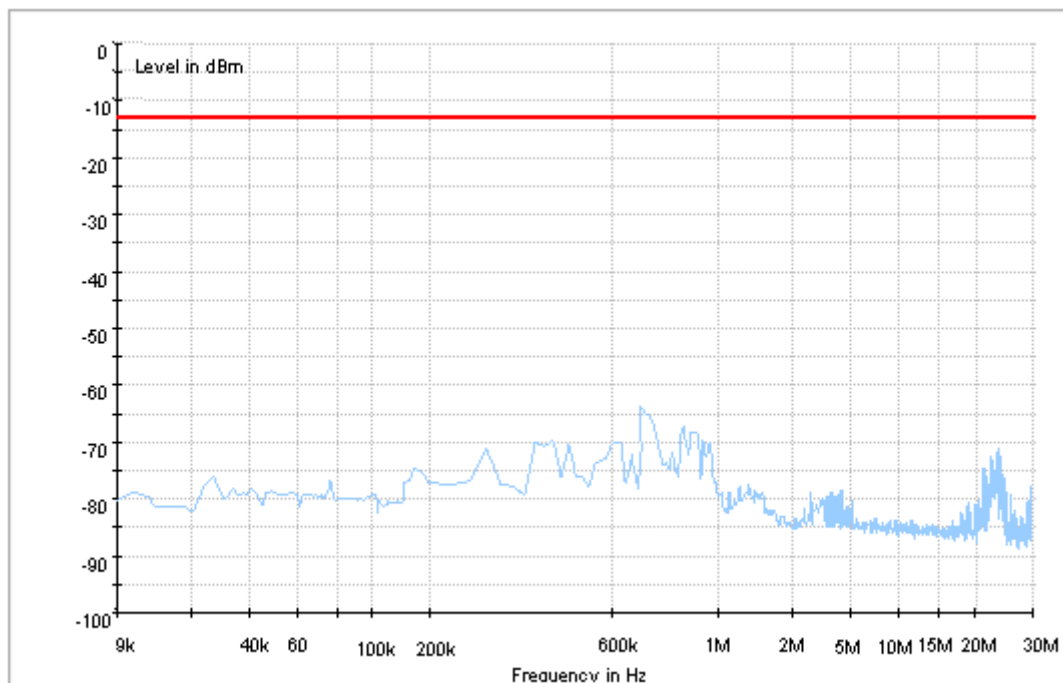
7.1.1.1 Test Bandwidth = 5

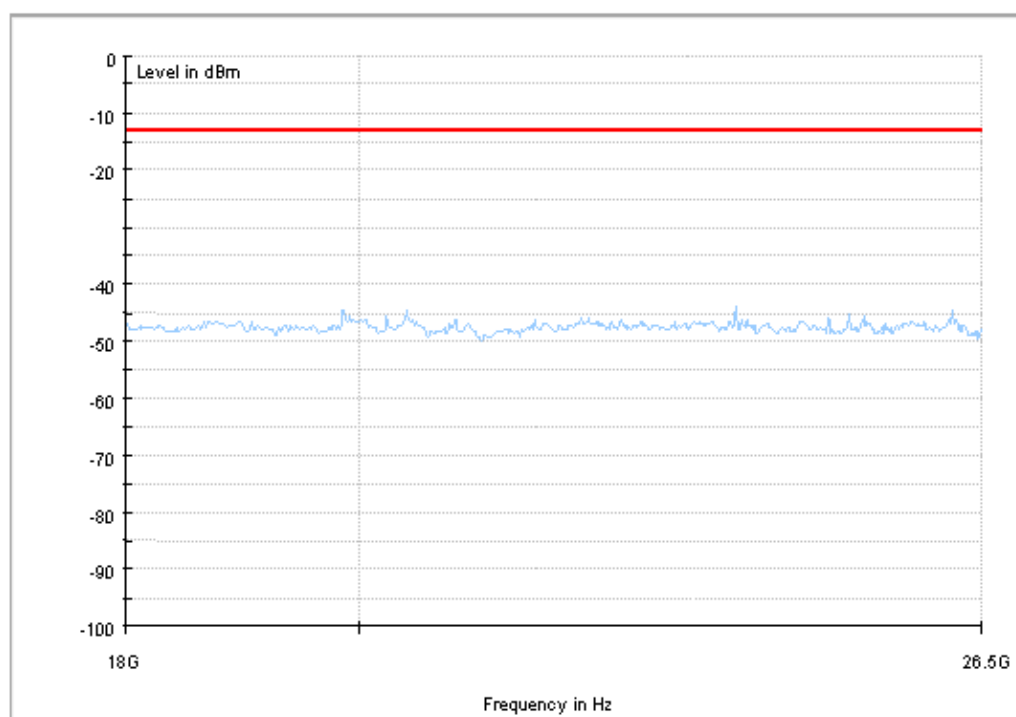
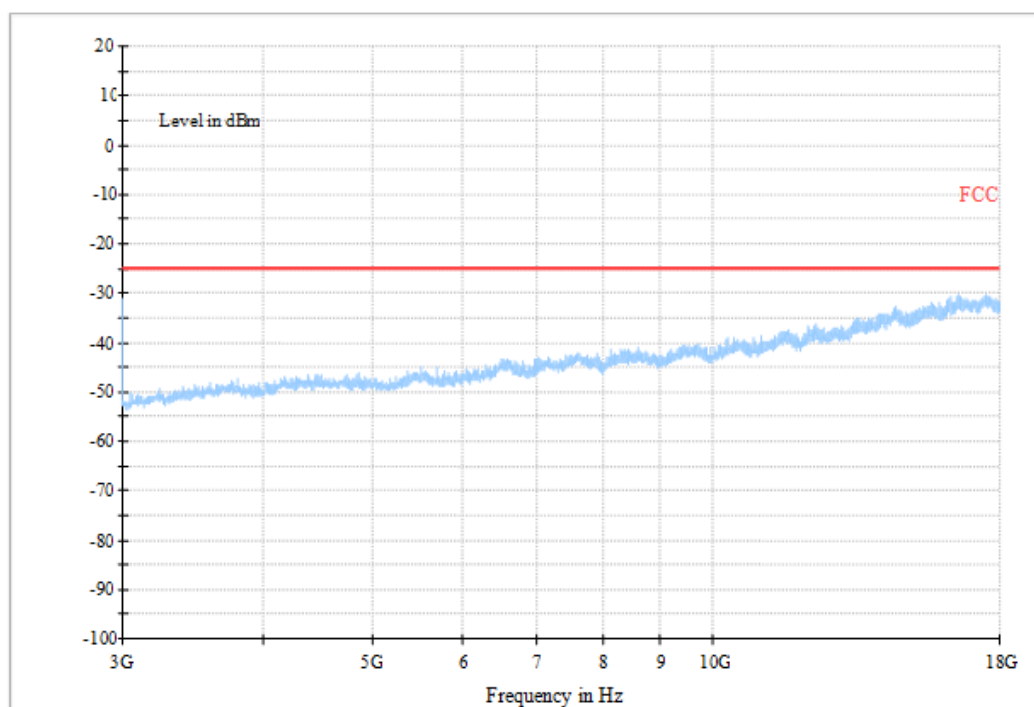






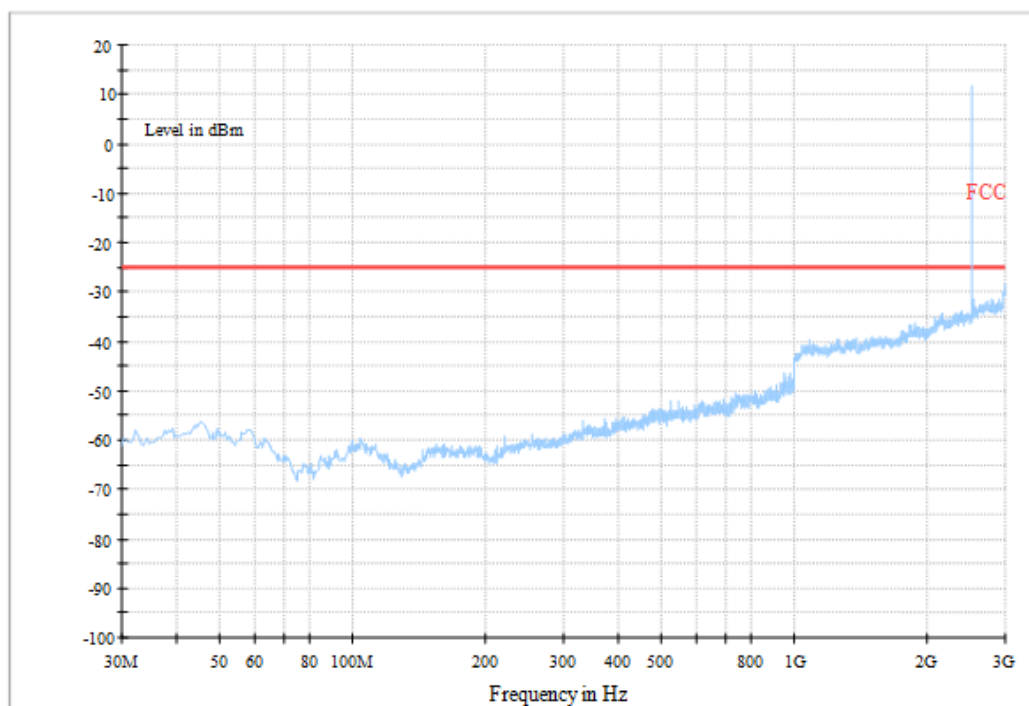
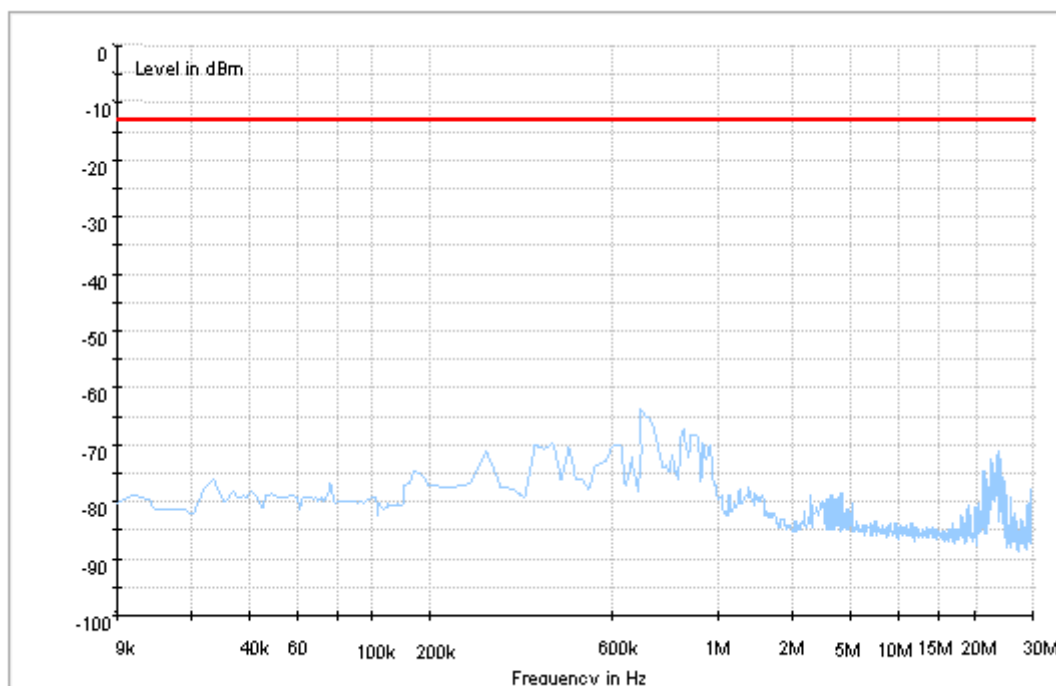
7.1.1.2 Test Bandwidth = 20

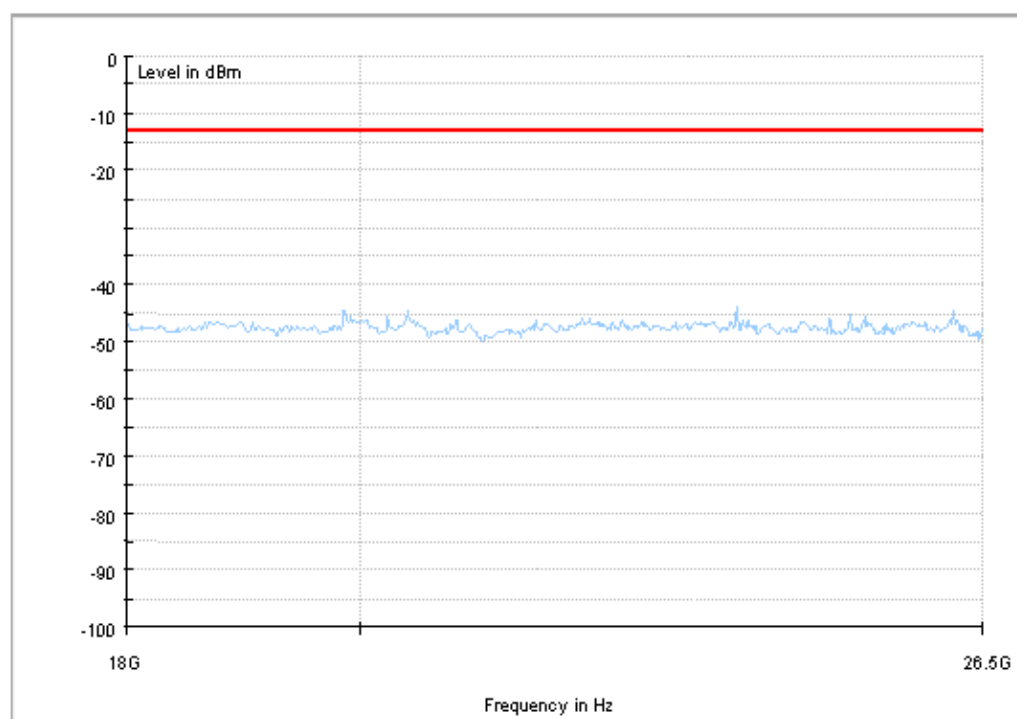
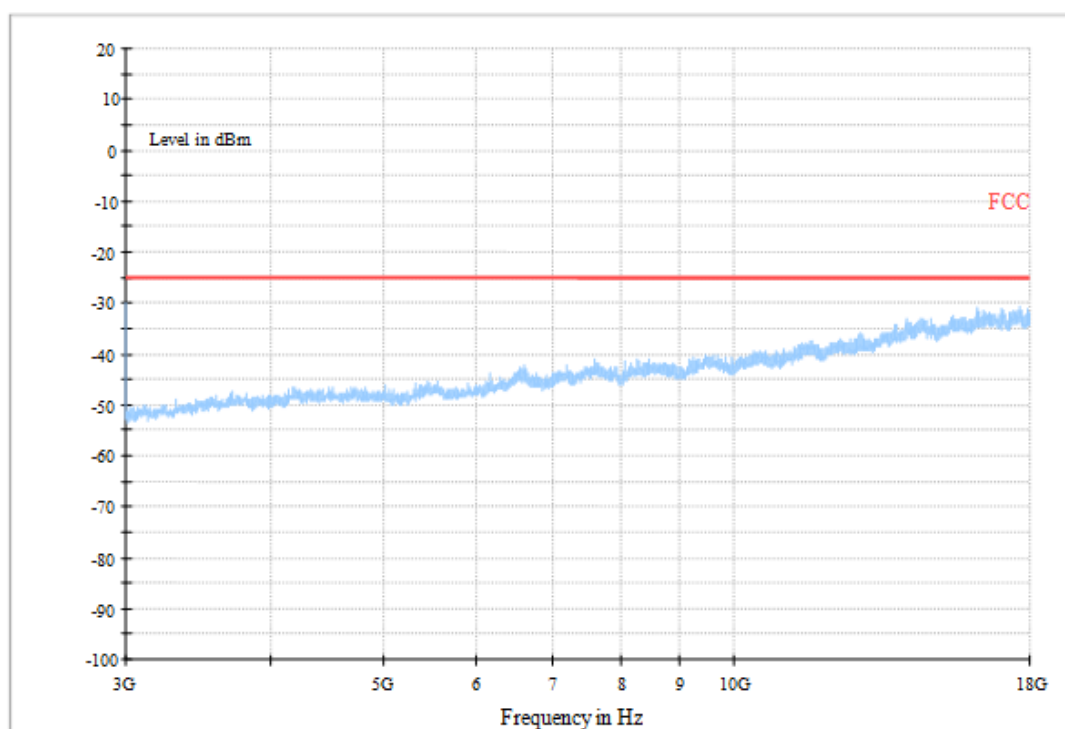




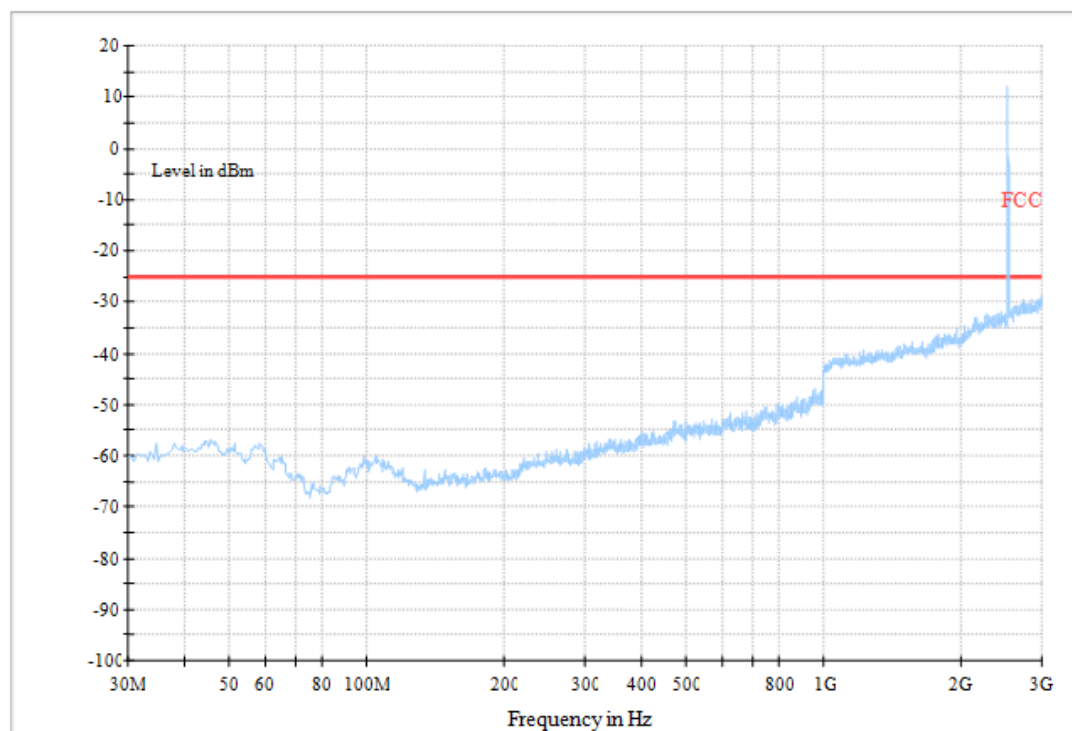
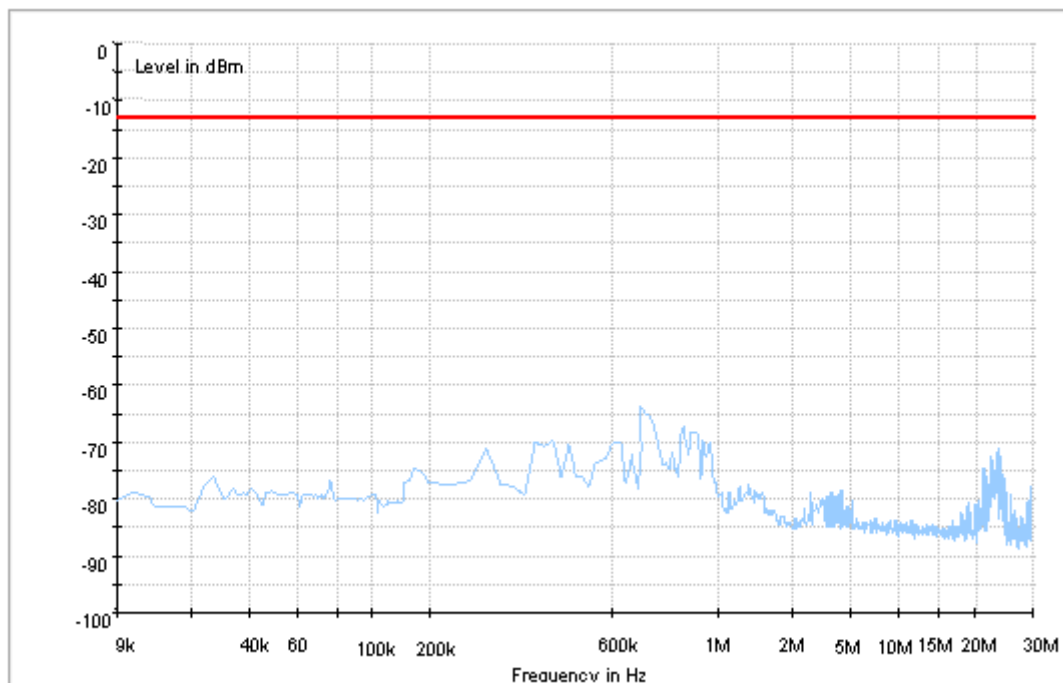
7.1.2 Test Band = BAND7_Ant2

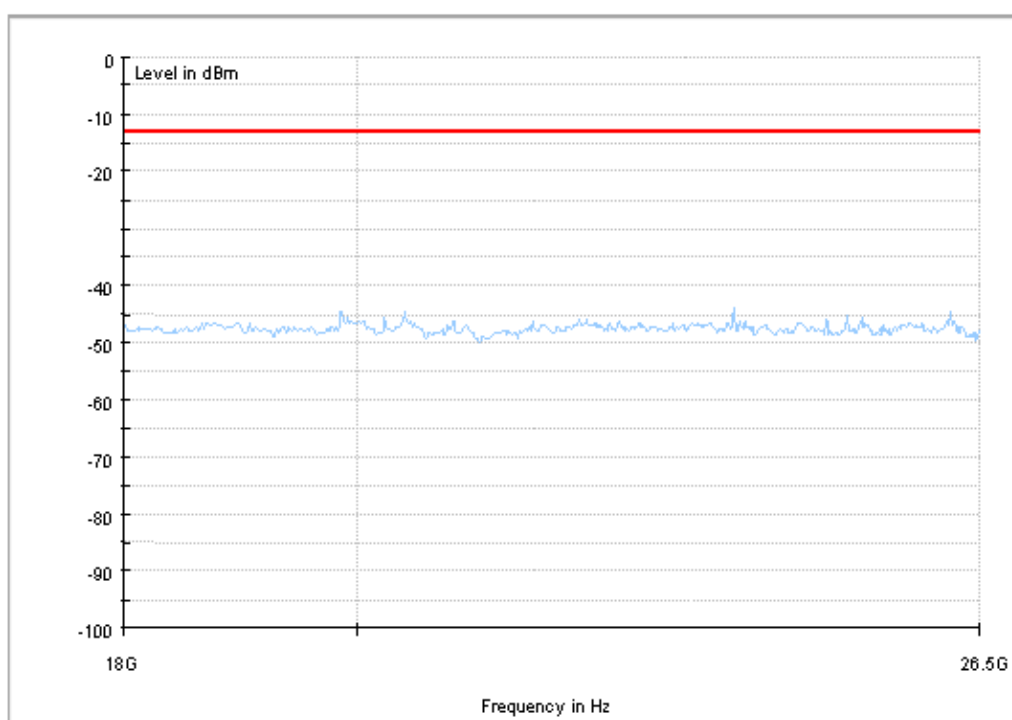
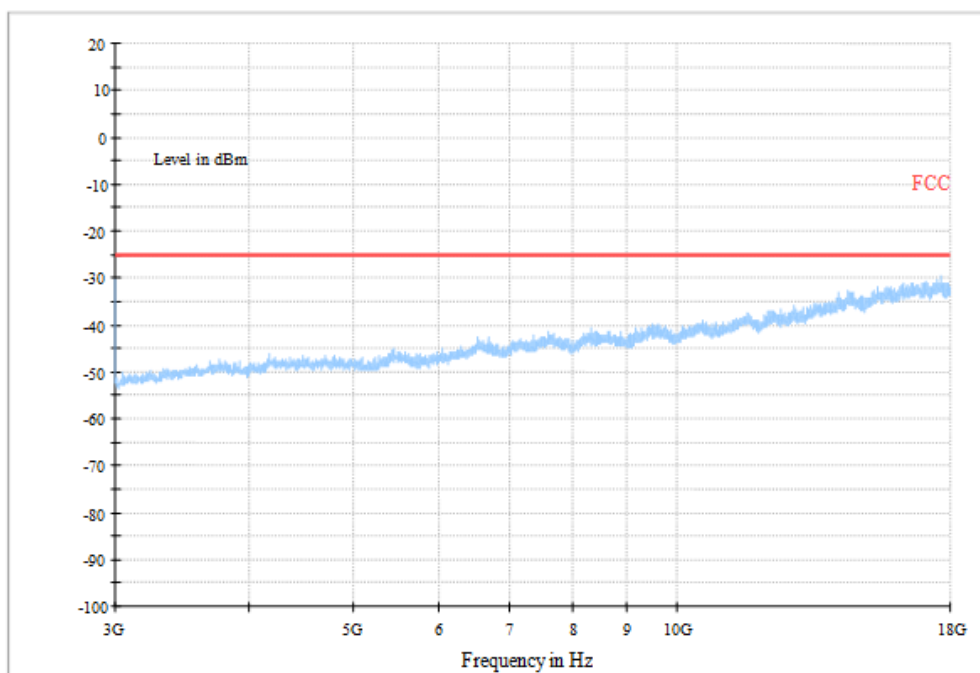
7.1.2.1 Test Bandwidth = 5





7.1.2.2 Test Bandwidth = 20





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
BAND7	LTE/TM1	5	LCH	TN	VL	1.44	0.00058	PASS
					VN	2.22	0.00089	PASS
					VH	-2.39	-0.00096	PASS
			MCH	TN	VL	2.03	0.0008	PASS
					VN	-1.39	-0.00055	PASS
					VH	2.33	0.00092	PASS
			HCH	TN	VL	-0.24	-0.00009	PASS
					VN	-7.31	-0.00285	PASS
					VH	1.10	0.00043	PASS
		10	LCH	TN	VL	-14.59	-0.00582	PASS
					VN	-11.19	-0.00447	PASS
					VH	1.66	0.00066	PASS
			MCH	TN	VL	-0.99	-0.00039	PASS
					VN	1.50	0.00059	PASS
					VH	-5.71	-0.00225	PASS
			HCH	TN	VL	-3.43	-0.00134	PASS
					VN	3.09	0.0012	PASS
					VH	3.10	0.00121	PASS
		15	LCH	TN	VL	-0.37	-0.00015	PASS
					VN	1.83	0.00073	PASS
					VH	-2.93	-0.00117	PASS
			MCH	TN	VL	-3.48	-0.00137	PASS
					VN	2.79	0.0011	PASS
					VH	0.49	0.00019	PASS
			HCH	TN	VL	-10.86	-0.00424	PASS
					VN	-1.36	-0.00053	PASS
					VH	-1.16	-0.00045	PASS
		20	LCH	TN	VL	-2.12	-0.00084	PASS
					VN	0.00	0	PASS
					VH	-0.04	-0.00002	PASS
			MCH	TN	VL	-6.52	-0.00257	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	0.27	0.00011	PASS
					VH	1.44	0.00057	PASS
	LTE/TM2	5	HCH	TN	VL	-7.22	-0.00282	PASS
					VN	1.73	0.00068	PASS
					VH	1.12	0.00044	PASS
			LCH	TN	VL	1.89	0.00076	PASS
					VN	4.63	0.00185	PASS
					VH	2.06	0.00082	PASS
			MCH	TN	VL	0.90	0.00036	PASS
					VN	1.73	0.00068	PASS
					VH	2.37	0.00093	PASS
			HCH	TN	VL	-0.24	-0.00009	PASS
					VN	-11.04	-0.0043	PASS
					VH	2.43	0.00095	PASS
		10	LCH	TN	VL	3.40	0.00136	PASS
					VN	0.84	0.00034	PASS
					VH	-8.41	-0.00336	PASS
			MCH	TN	VL	11.37	0.00449	PASS
					VN	9.56	0.00377	PASS
					VH	9.04	0.00357	PASS
			HCH	TN	VL	-3.45	-0.00135	PASS
					VN	0.19	0.00007	PASS
					VH	2.53	0.00099	PASS
		15	LCH	TN	VL	-6.34	-0.00253	PASS
					VN	1.87	0.00075	PASS
					VH	2.47	0.00099	PASS
			MCH	TN	VL	-2.32	-0.00092	PASS
					VN	-8.75	-0.00345	PASS
					VH	1.43	0.00056	PASS
			HCH	TN	VL	-5.35	-0.00209	PASS
					VN	1.47	0.00057	PASS
					VH	2.33	0.00091	PASS
		20	LCH	TN	VL	-2.60	-0.00104	PASS
					VN	1.90	0.00076	PASS
					VH	-1.79	-0.00071	PASS
			MCH	TN	VL	-5.74	-0.00226	PASS
					VN	1.52	0.0006	PASS
					VH	0.76	0.0003	PASS
			HCH	TN	VL	-0.33	-0.00013	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.02	0.00079	PASS
					VH	-7.97	-0.00311	PASS

8.1.2 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	-0.6	-0.00286	PASS
					-20	-1.54	-0.00324	PASS
					-10	0.72	-0.00233	PASS
					0	-1.33	-0.00315	PASS
					10	-9.37	-0.00636	PASS
					20	-4.41	-0.00438	PASS
					30	-3.19	-0.00389	PASS
					40	-1.29	-0.00314	PASS
					50	2.56	-0.0016	PASS
			MCH	VN	-30	-2.05	-0.00343	PASS
					-20	-3.72	-0.00409	PASS
					-10	-4.28	-0.00431	PASS
					0	-4.73	-0.00449	PASS
					10	-2.39	-0.00357	PASS
					20	-0.73	-0.00291	PASS
					30	-2.02	-0.00342	PASS
					40	-2.27	-0.00352	PASS
					50	-5.29	-0.00471	PASS
			HCH	VN	-30	-5.91	-0.00493	PASS
					-20	-3	-0.00379	PASS
					-10	-4.72	-0.00446	PASS
					0	-7.9	-0.0057	PASS
					10	-1.2	-0.00309	PASS
					20	-6.42	-0.00512	PASS
					30	-5.16	-0.00463	PASS
					40	-5.03	-0.00458	PASS
					50	-3.69	-0.00406	PASS
		10	LCH	VN	-30	-15.86	-0.00895	PASS
					-20	-16.28	-0.00912	PASS
					-10	-21.87	-0.01135	PASS
					0	-56.38	-0.02513	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-16.11	-0.00905	PASS
					20	-4.18	-0.00429	PASS
					30	-9.44	-0.00639	PASS
					40	-13.43	-0.00798	PASS
					50	-27.41	-0.01356	PASS
			MCH	VN	-30	-3.05	-0.00383	PASS
					-20	-2.33	-0.00354	PASS
					-10	-2.52	-0.00362	PASS
					0	-2.15	-0.00347	PASS
					10	-2.92	-0.00377	PASS
					20	-4.13	-0.00425	PASS
					30	-1.26	-0.00312	PASS
					40	-1.34	-0.00315	PASS
					50	-0.51	-0.00282	PASS
			HCH	VN	-30	-5.02	-0.00458	PASS
					-20	-2.5	-0.0036	PASS
					-10	0.13	-0.00257	PASS
					0	-3.02	-0.0038	PASS
					10	-4.21	-0.00427	PASS
					20	0.83	-0.0023	PASS
					30	-1.33	-0.00314	PASS
					40	-3.92	-0.00415	PASS
					50	-3.92	-0.00415	PASS
		15	LCH	VN	-30	-18.3	-0.00992	PASS
					-20	-31.49	-0.01518	PASS
					-10	-21.44	-0.01117	PASS
					0	-24.29	-0.01231	PASS
					10	-10.89	-0.00696	PASS
					20	-18.37	-0.00995	PASS
					30	-21.71	-0.01128	PASS
					40	-17.51	-0.0096	PASS
					50	-15.52	-0.00881	PASS
			MCH	VN	-30	-3.1	-0.00385	PASS
					-20	-3.83	-0.00413	PASS
					-10	-3.76	-0.00411	PASS
					0	-2.99	-0.0038	PASS
					10	-1.57	-0.00324	PASS
					20	-4.73	-0.00449	PASS
					30	-3.15	-0.00386	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-4.66	-0.00446	PASS
					50	-1.62	-0.00326	PASS
			HCH	VN	-30	-4.79	-0.00449	PASS
					-20	-3.99	-0.00418	PASS
					-10	-1.37	-0.00316	PASS
					0	-1.92	-0.00337	PASS
					10	-0.03	-0.00264	PASS
					20	-4.48	-0.00437	PASS
					30	-2.52	-0.00361	PASS
					40	-3.55	-0.00401	PASS
					50	-4.56	-0.0044	PASS
		20	LCH	VN	-30	-4.93	-0.00458	PASS
					-20	-4.12	-0.00426	PASS
					-10	-7.64	-0.00566	PASS
					0	-12.83	-0.00773	PASS
					10	-4.59	-0.00445	PASS
					20	-1.59	-0.00325	PASS
					30	-5.84	-0.00495	PASS
					40	-2.62	-0.00366	PASS
					50	-0.91	-0.00298	PASS
			MCH	VN	-30	-1.43	-0.00319	PASS
					-20	-1.97	-0.0034	PASS
					-10	-1.16	-0.00308	PASS
					0	-3.2	-0.00388	PASS
					10	-4.31	-0.00432	PASS
					20	-1.56	-0.00324	PASS
					30	-2.72	-0.0037	PASS
					40	-2.55	-0.00363	PASS
					50	-4.36	-0.00434	PASS
			HCH	VN	-30	-2.75	-0.0037	PASS
					-20	-3.7	-0.00407	PASS
					-10	-1.72	-0.0033	PASS
					0	-3.38	-0.00394	PASS
					10	-1.4	-0.00317	PASS
					20	-5.16	-0.00464	PASS
					30	-2.65	-0.00366	PASS
					40	-3.42	-0.00396	PASS
					50	-4.32	-0.00431	PASS
	LTE/TM2	5	LCH	VN	-30	-6.49	-0.00521	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-10.2	-0.0067	PASS
					-10	-2	-0.00342	PASS
					0	-5.69	-0.00489	PASS
					10	-2.69	-0.0037	PASS
					20	1	-0.00222	PASS
					30	-2.55	-0.00364	PASS
					40	-2.03	-0.00343	PASS
					50	-4.39	-0.00437	PASS
			MCH	VN	-30	-2.76	-0.00371	PASS
					-20	-3.08	-0.00384	PASS
					-10	-1.9	-0.00337	PASS
					0	0.72	-0.00234	PASS
					10	-4.05	-0.00422	PASS
					20	1.22	-0.00214	PASS
					30	-2.4	-0.00357	PASS
					40	0.33	-0.00249	PASS
					50	-3.46	-0.00399	PASS
			HCH	VN	-30	-0.29	-0.00274	PASS
					-20	-0.3	-0.00274	PASS
					-10	0.23	-0.00253	PASS
					0	-2.72	-0.00368	PASS
					10	-2.12	-0.00345	PASS
					20	-4.31	-0.0043	PASS
					30	-5.51	-0.00477	PASS
					40	-2.72	-0.00368	PASS
					50	-5.79	-0.00488	PASS
		10	LCH	VN	-30	0.94	-0.00225	PASS
					-20	9.06	0.001	PASS
					-10	2.4	-0.00166	PASS
					0	2.78	-0.00151	PASS
					10	1.17	-0.00215	PASS
					20	-0.41	-0.00278	PASS
					30	-4.22	-0.0043	PASS
					40	-2.1	-0.00346	PASS
					50	0.67	-0.00235	PASS
			MCH	VN	-30	-2.29	-0.00353	PASS
					-20	-0.67	-0.00289	PASS
					-10	-3.23	-0.0039	PASS
					0	-5.06	-0.00462	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.9	-0.00337	PASS
					20	-2.86	-0.00375	PASS
					30	-0.91	-0.00298	PASS
					40	-2.87	-0.00375	PASS
					50	-2.42	-0.00358	PASS
			HCH	VN	-30	-0.89	-0.00297	PASS
					-20	-3.16	-0.00386	PASS
					-10	-3.92	-0.00415	PASS
					0	-4.66	-0.00444	PASS
					10	-3.06	-0.00382	PASS
					20	-3.88	-0.00414	PASS
					30	-2.1	-0.00344	PASS
					40	-1.96	-0.00339	PASS
					50	-0.84	-0.00295	PASS
		15	LCH	VN	-30	6.5	-3E-05	PASS
					-20	3.08	-0.00139	PASS
					-10	0.49	-0.00243	PASS
					0	0.14	-0.00256	PASS
					10	-0.7	-0.0029	PASS
					20	0.6	-0.00238	PASS
					30	-2.23	-0.00351	PASS
					40	-2.56	-0.00364	PASS
					50	-3.42	-0.00398	PASS
			MCH	VN	-30	-2.22	-0.0035	PASS
					-20	-3.22	-0.00389	PASS
					-10	-0.69	-0.00289	PASS
					0	-3.98	-0.00419	PASS
					10	-2.69	-0.00368	PASS
					20	-3.55	-0.00402	PASS
					30	-2.92	-0.00377	PASS
					40	-6.44	-0.00516	PASS
					50	-4.99	-0.00459	PASS
			HCH	VN	-30	0.64	-0.00237	PASS
					-20	-1.47	-0.0032	PASS
					-10	-3.53	-0.004	PASS
					0	-2	-0.0034	PASS
					10	-2.96	-0.00378	PASS
					20	-2.22	-0.00349	PASS
					30	-2.62	-0.00365	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20			40	-2.46	-0.00358	PASS
					50	-3.65	-0.00405	PASS
			LCH	VN	-30	-8.7	-0.00609	PASS
					-20	-6.59	-0.00525	PASS
					-10	-7.84	-0.00574	PASS
					0	-3.92	-0.00418	PASS
					10	-7.85	-0.00575	PASS
					20	-5.39	-0.00477	PASS
					30	-3.4	-0.00398	PASS
					40	-7.58	-0.00564	PASS
					50	-3.13	-0.00387	PASS
			MCH	VN	-30	-4.46	-0.00438	PASS
					-20	-1.87	-0.00336	PASS
					-10	-2.49	-0.0036	PASS
					0	-1.19	-0.00309	PASS
					10	-4.52	-0.00441	PASS
					20	-3.9	-0.00416	PASS
					30	-2.22	-0.0035	PASS
					40	-1.32	-0.00314	PASS
			HCH	VN	50	-0.67	-0.00289	PASS
					-30	-2.55	-0.00362	PASS
					-20	-1.64	-0.00326	PASS
					-10	-1.59	-0.00324	PASS
					0	-2.62	-0.00365	PASS
					10	-4.38	-0.00433	PASS
					20	-0.97	-0.003	PASS
					30	-2.83	-0.00373	PASS
					40	-2.23	-0.00349	PASS
					50	-2.6	-0.00364	PASS

END