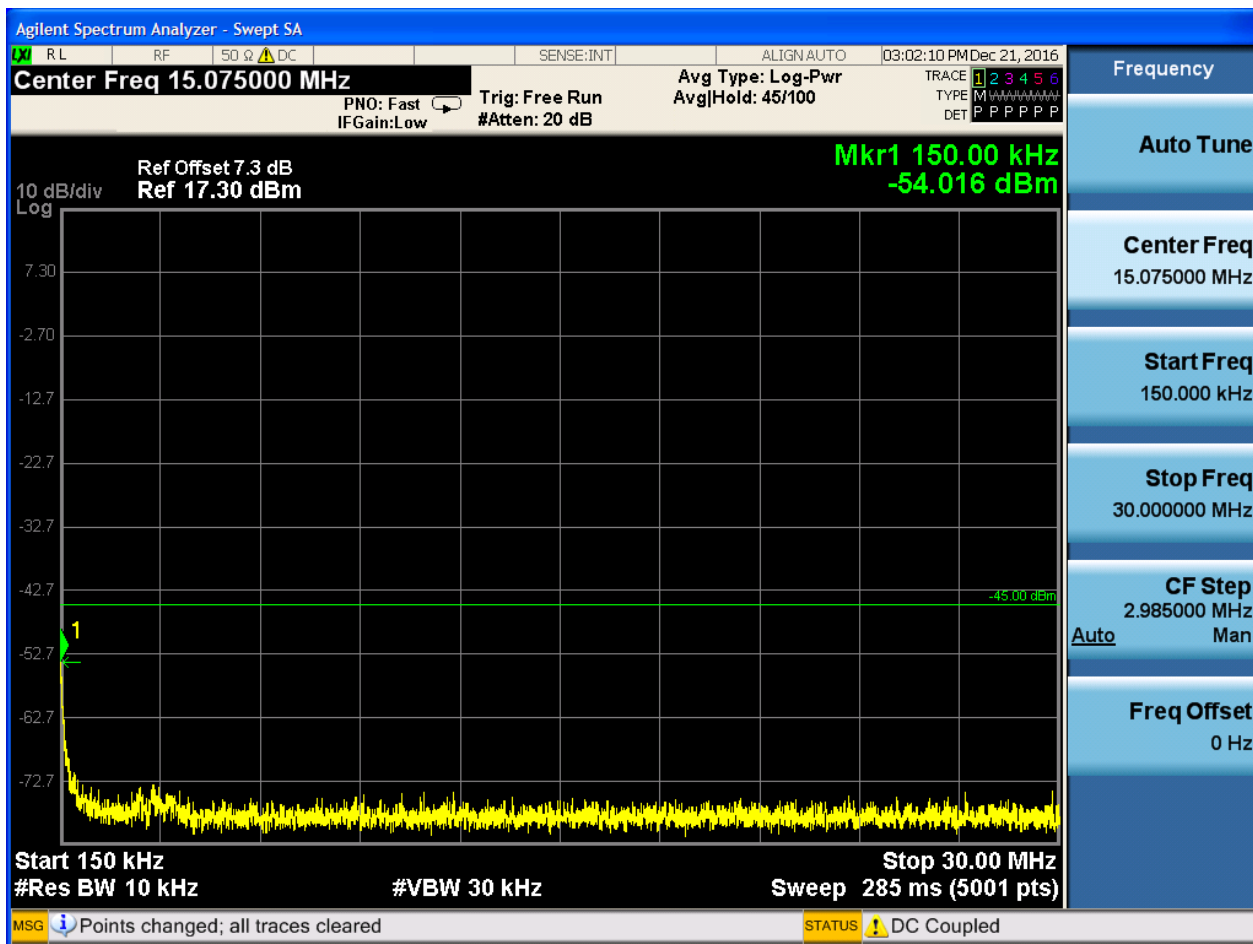
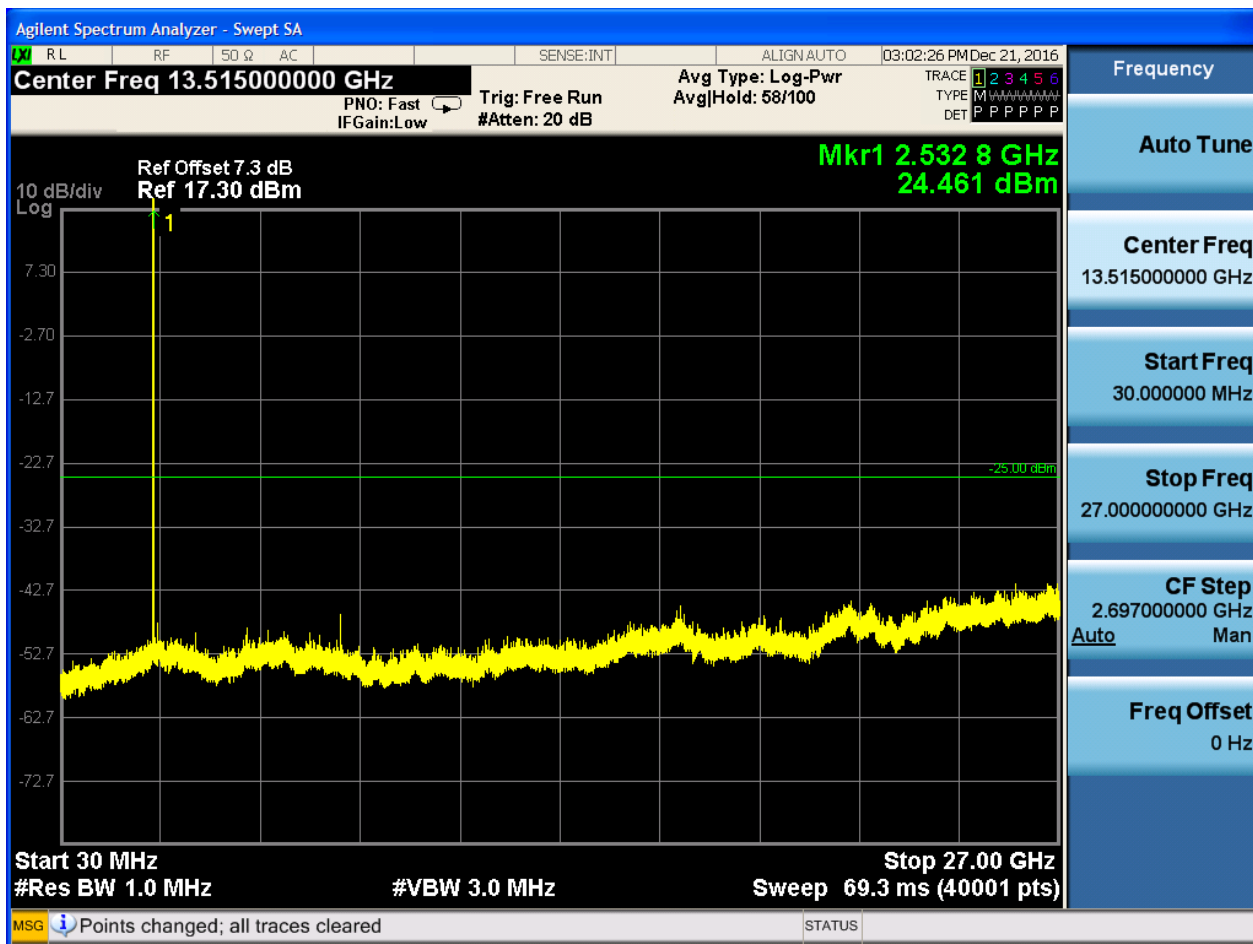


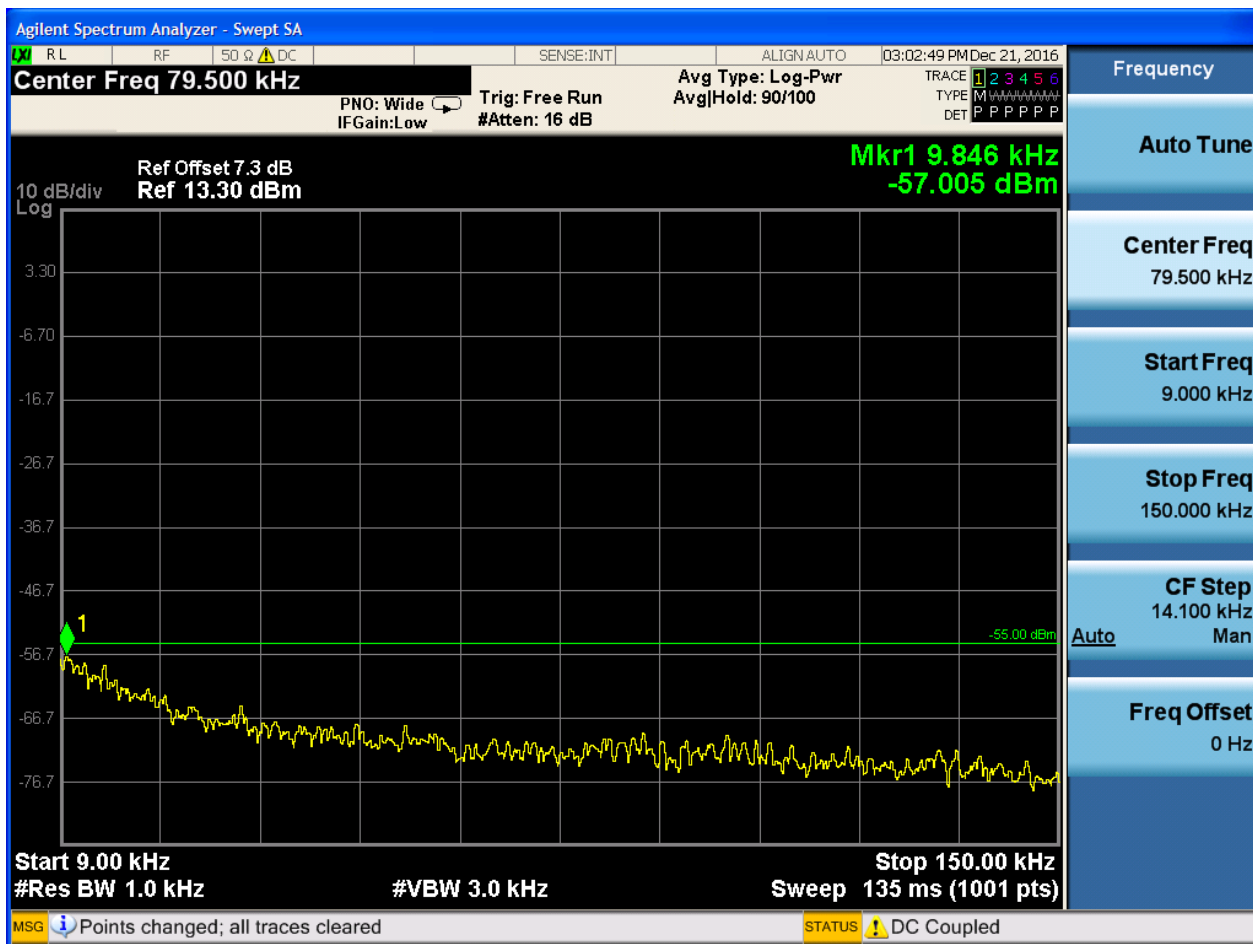


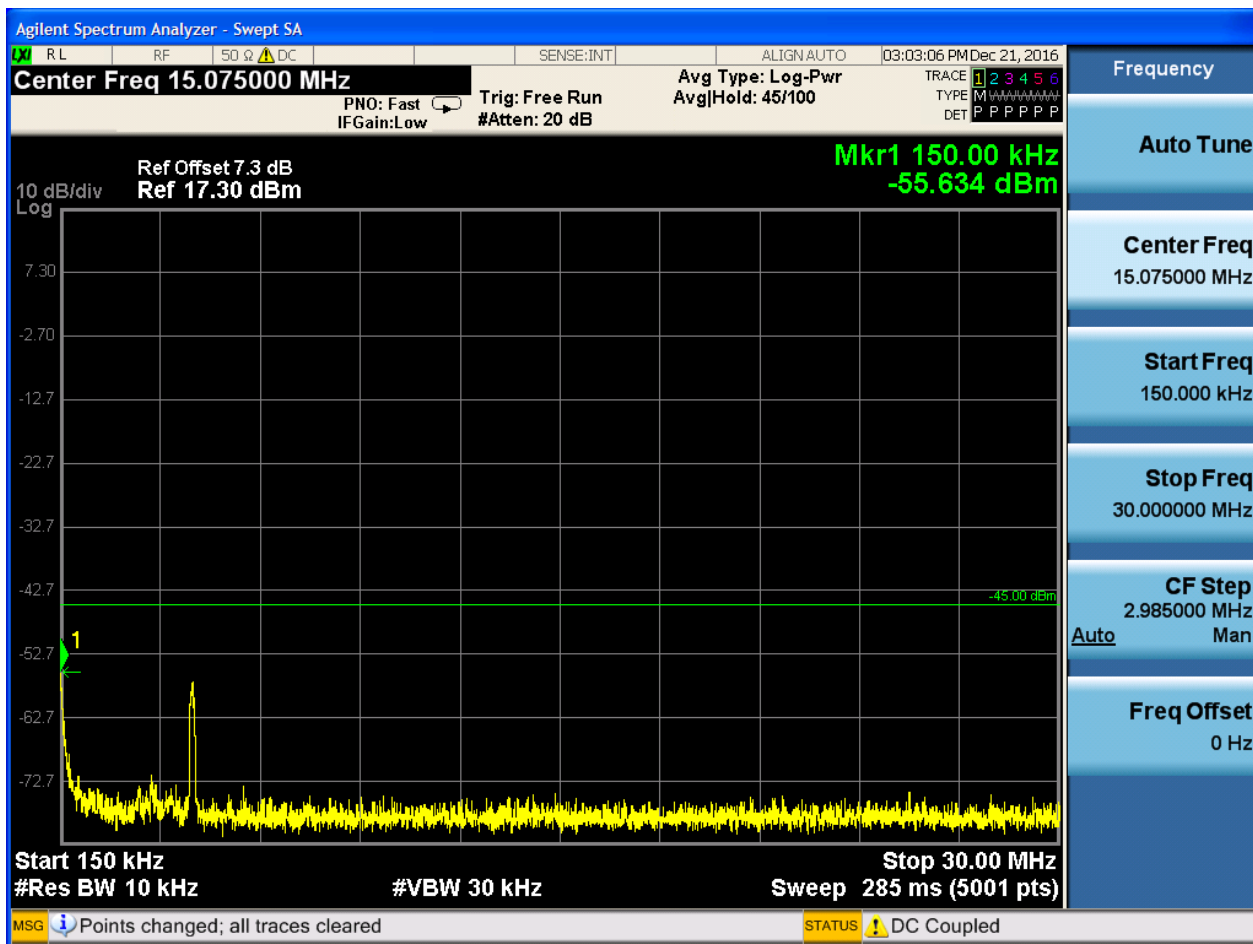


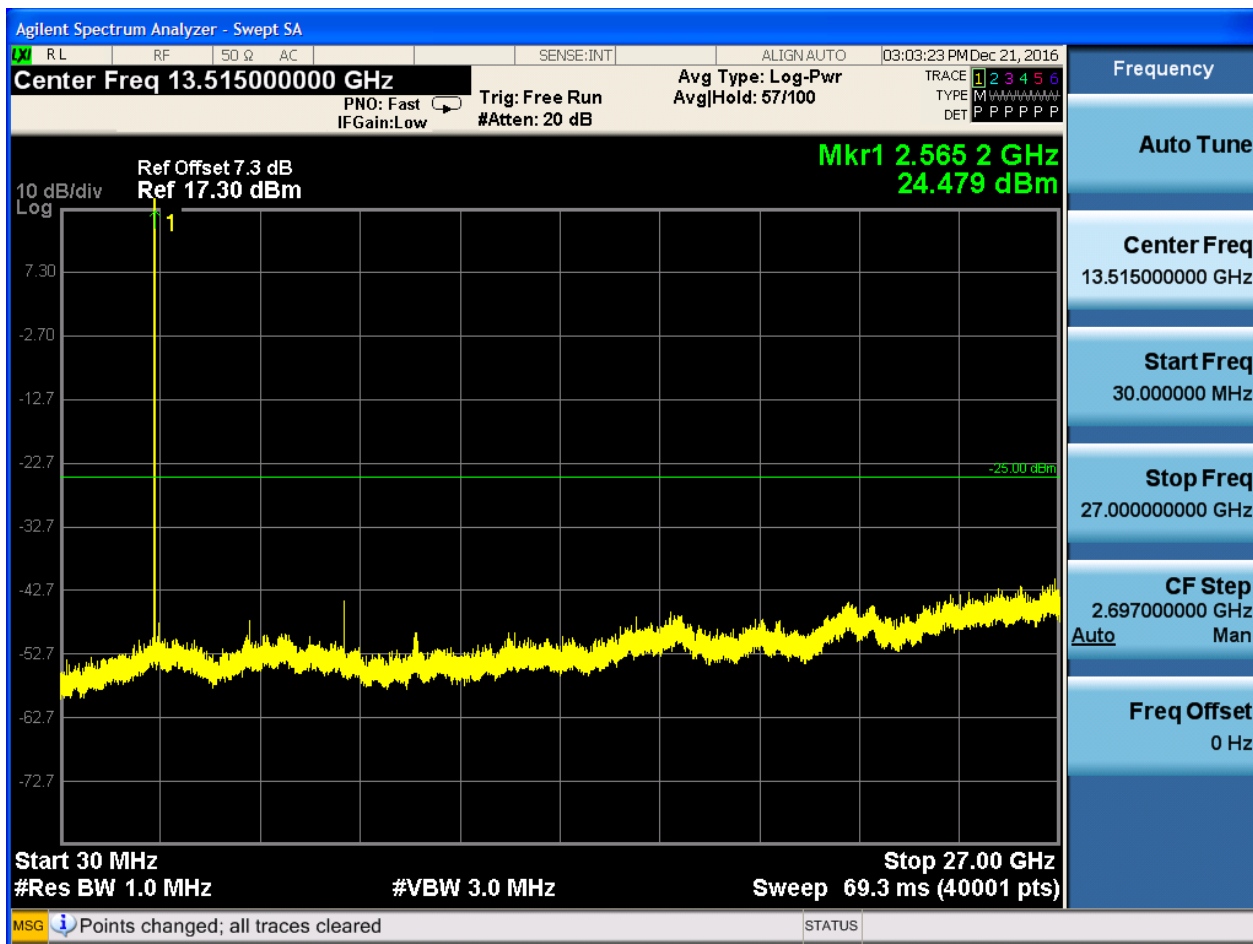


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



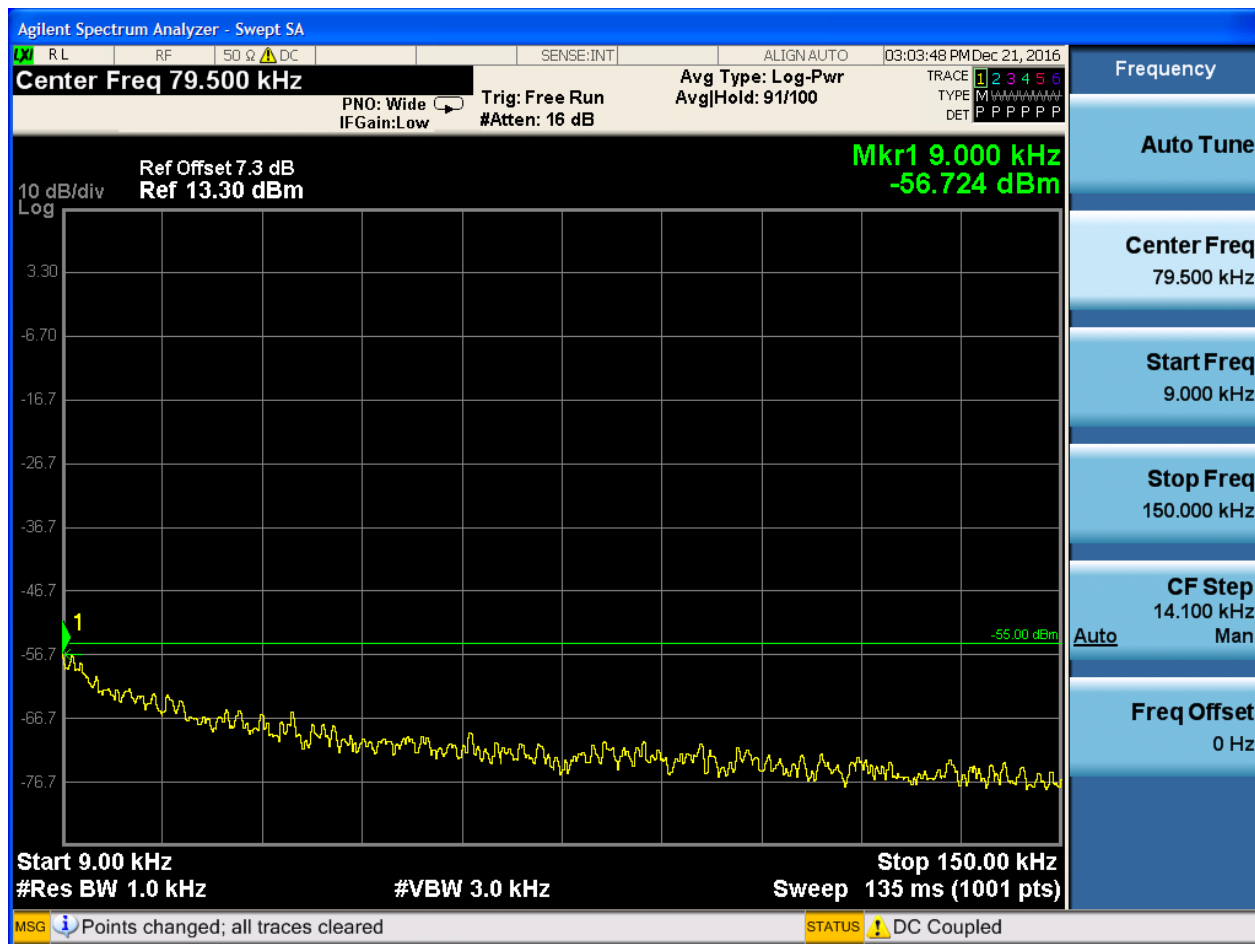


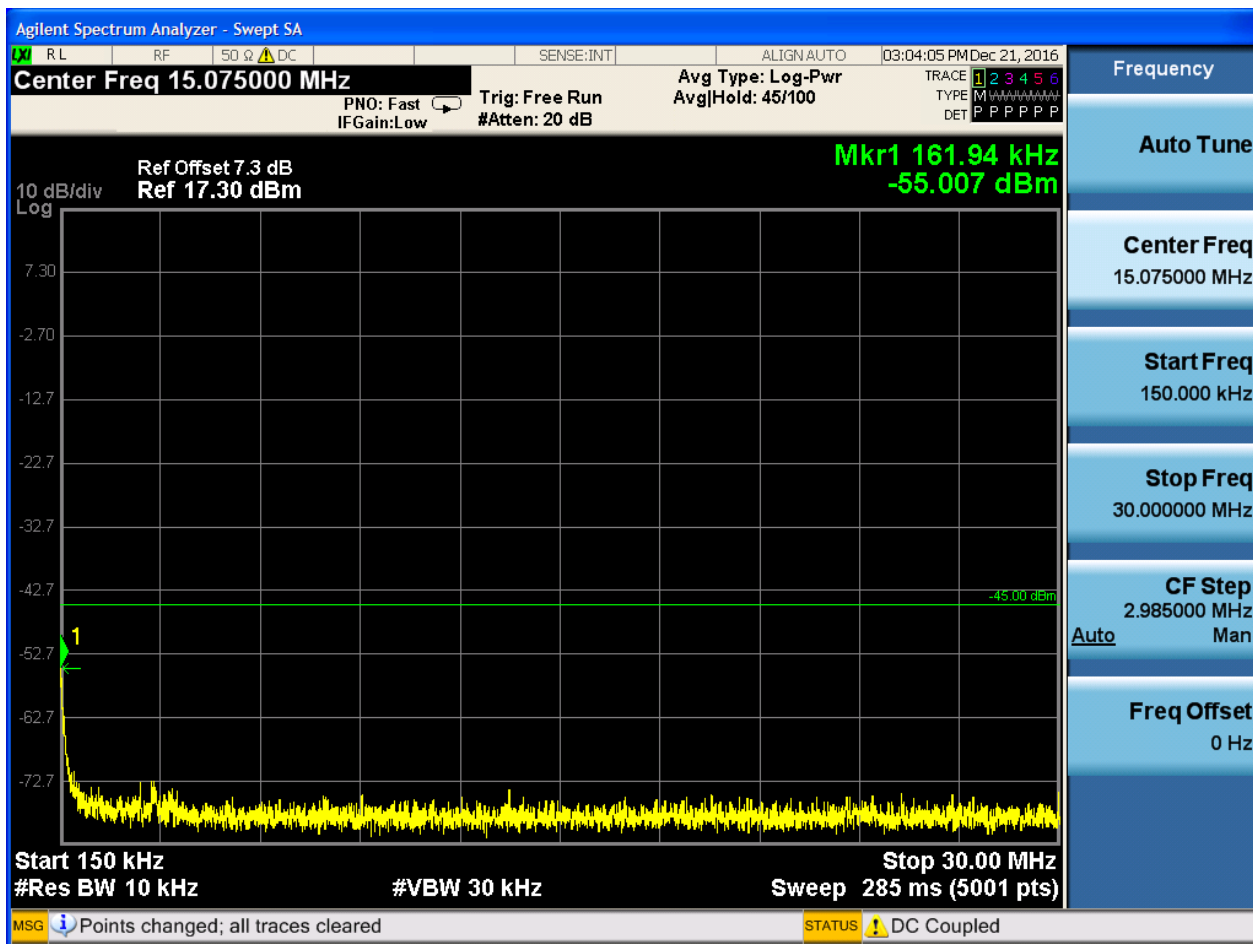


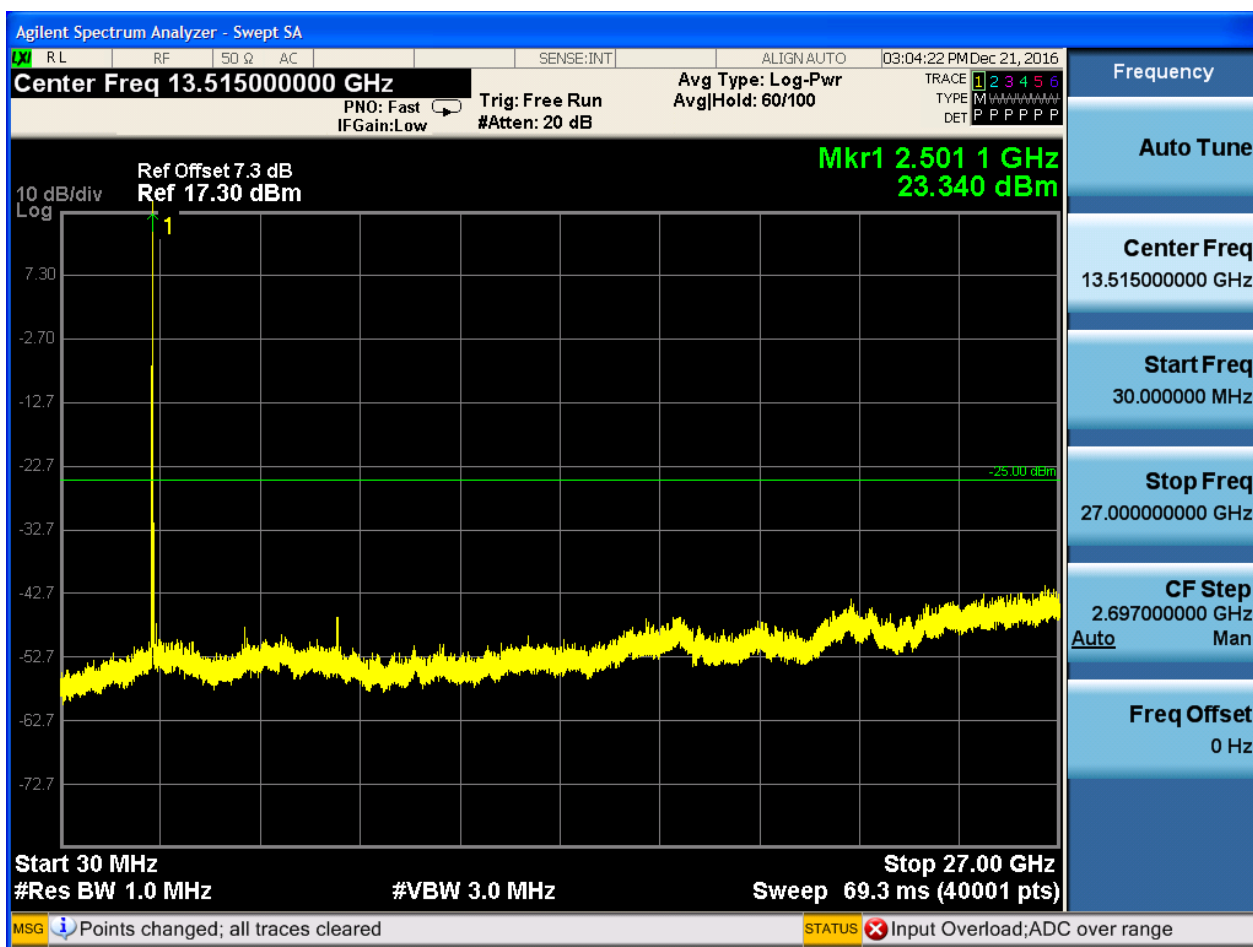
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



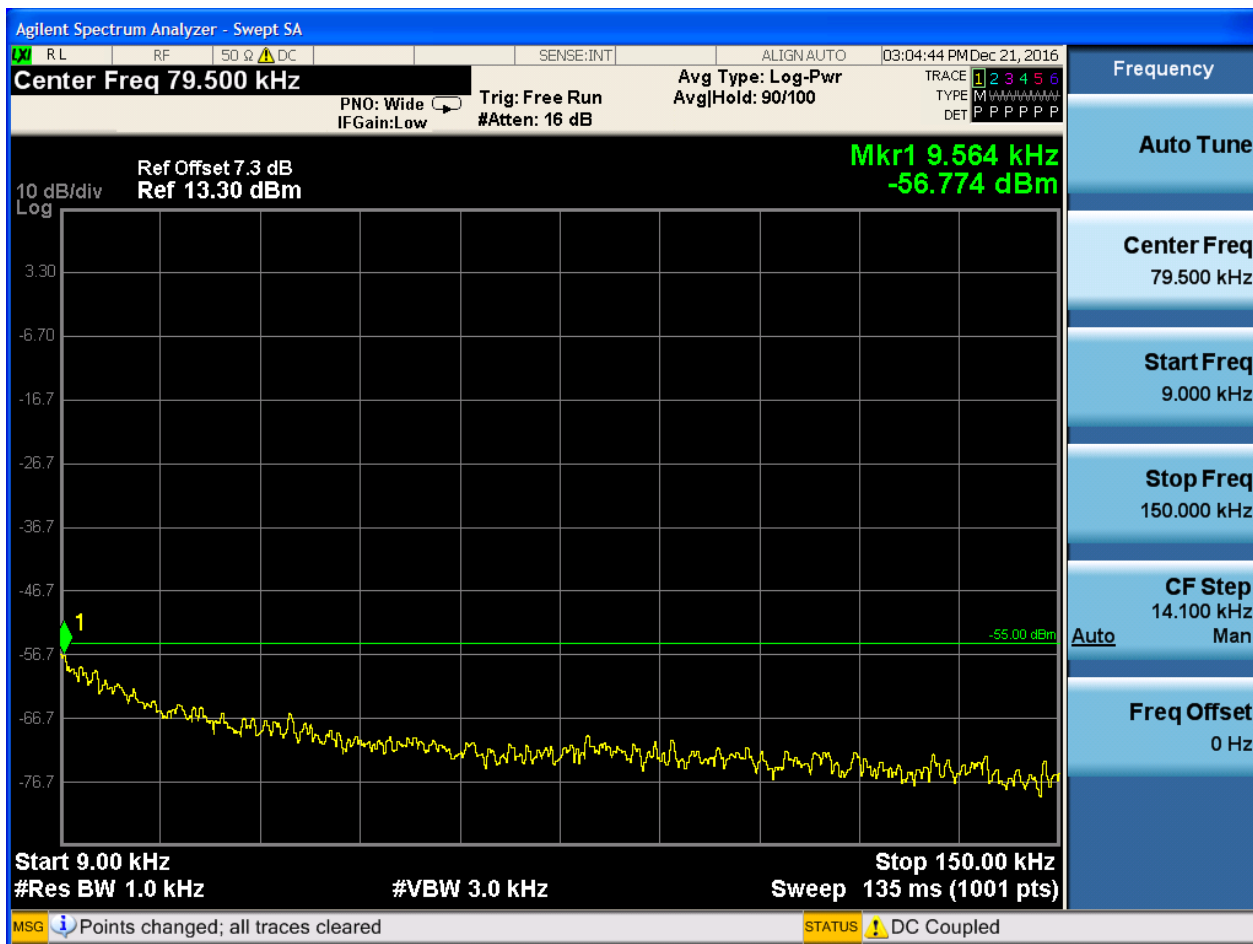






6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

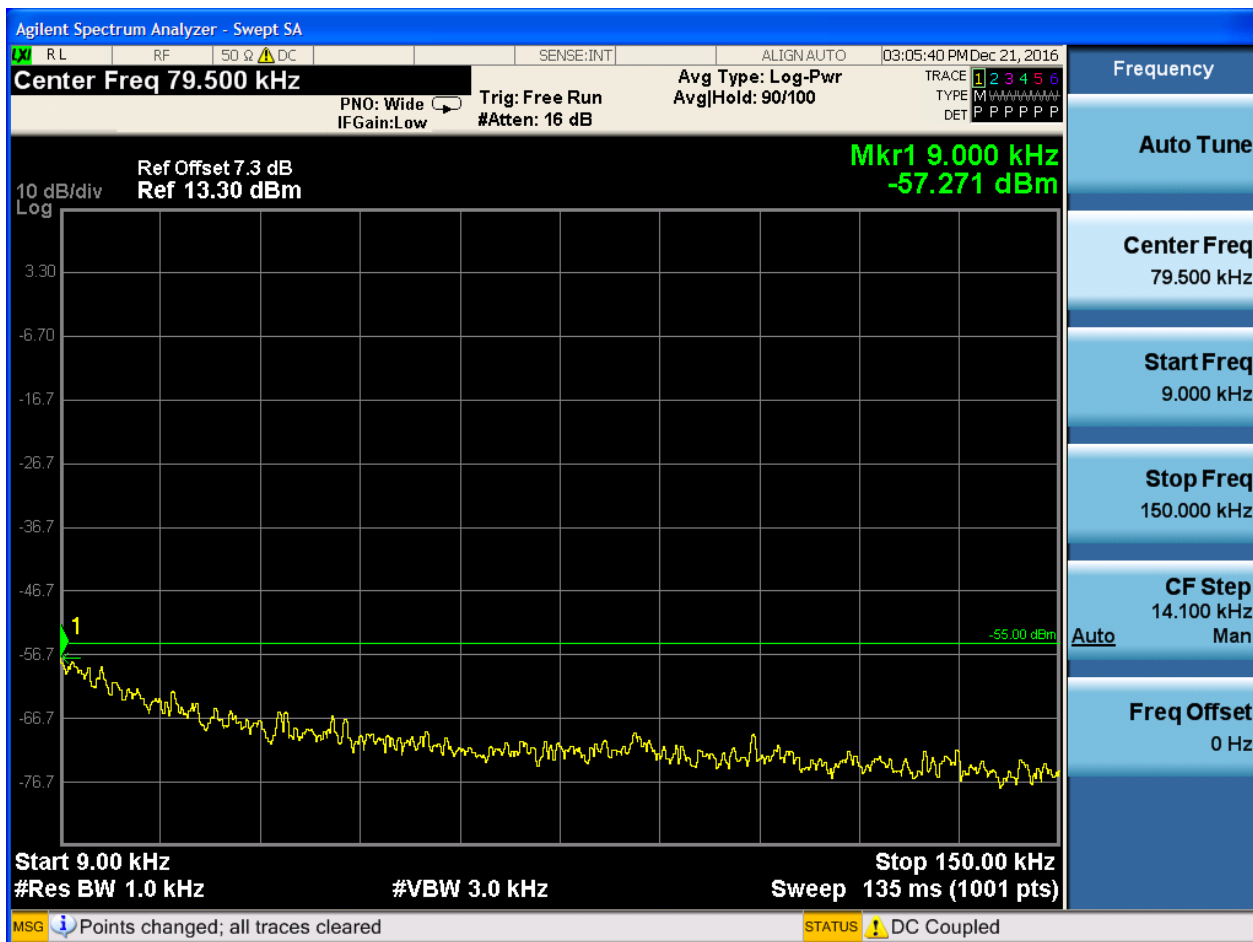




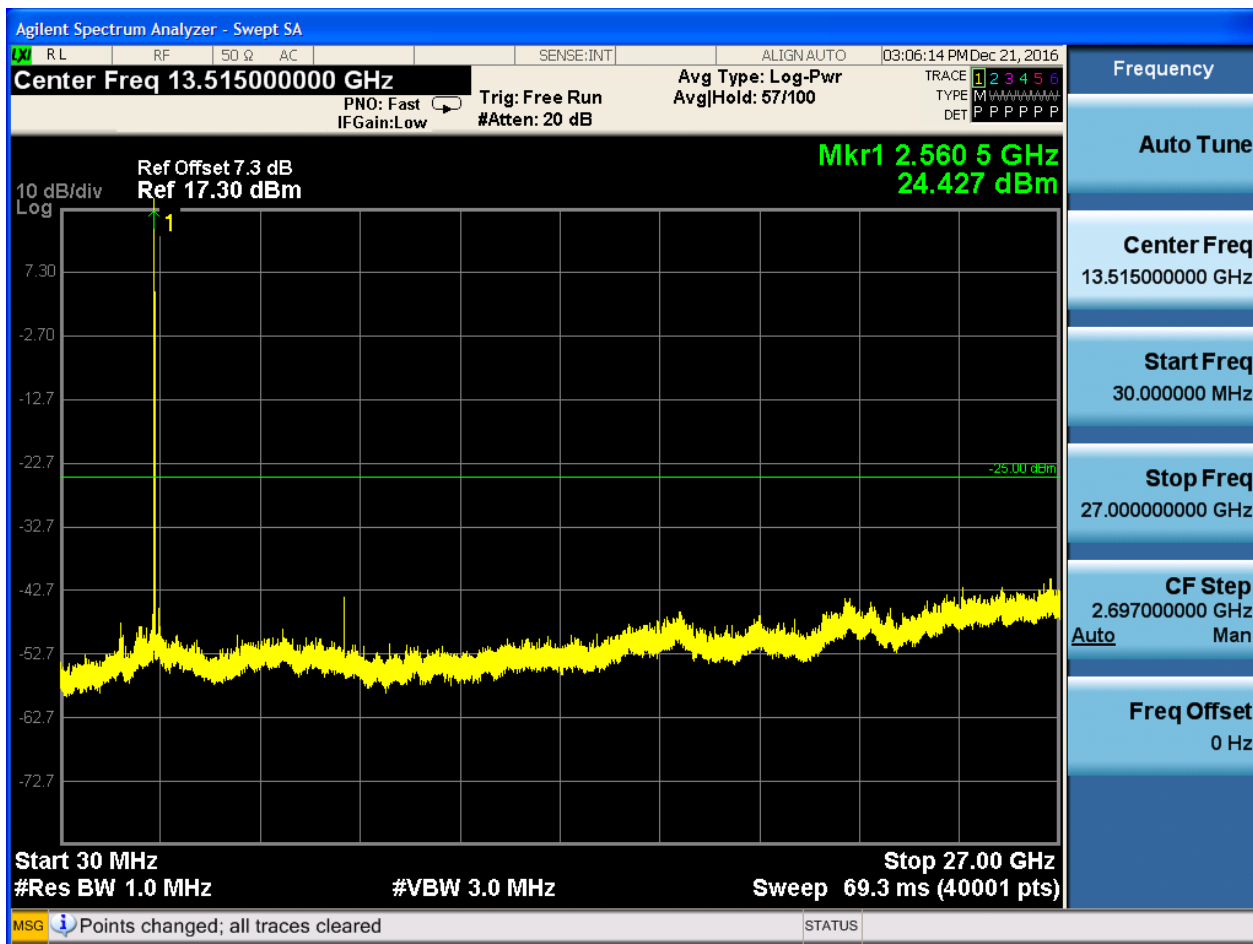


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0



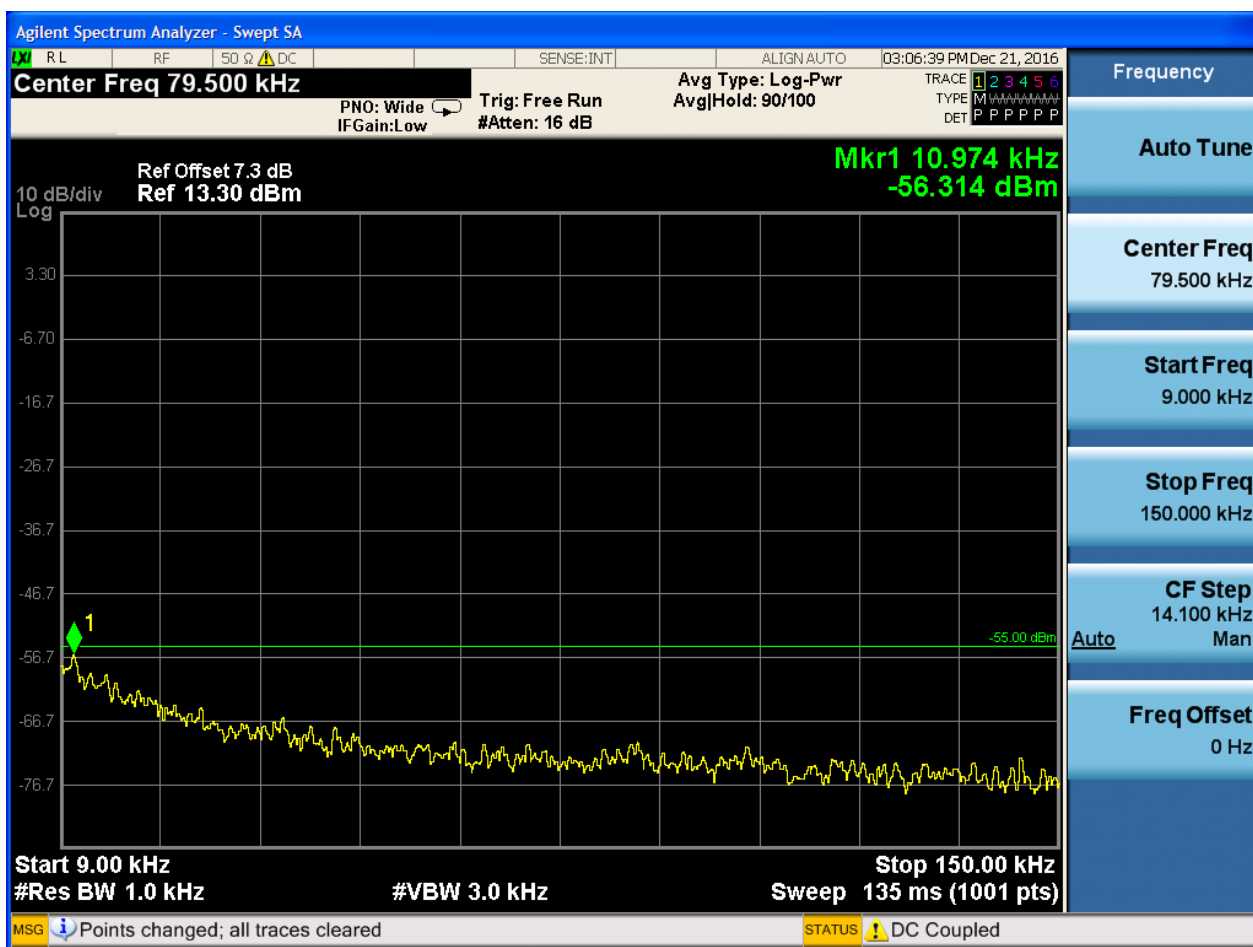




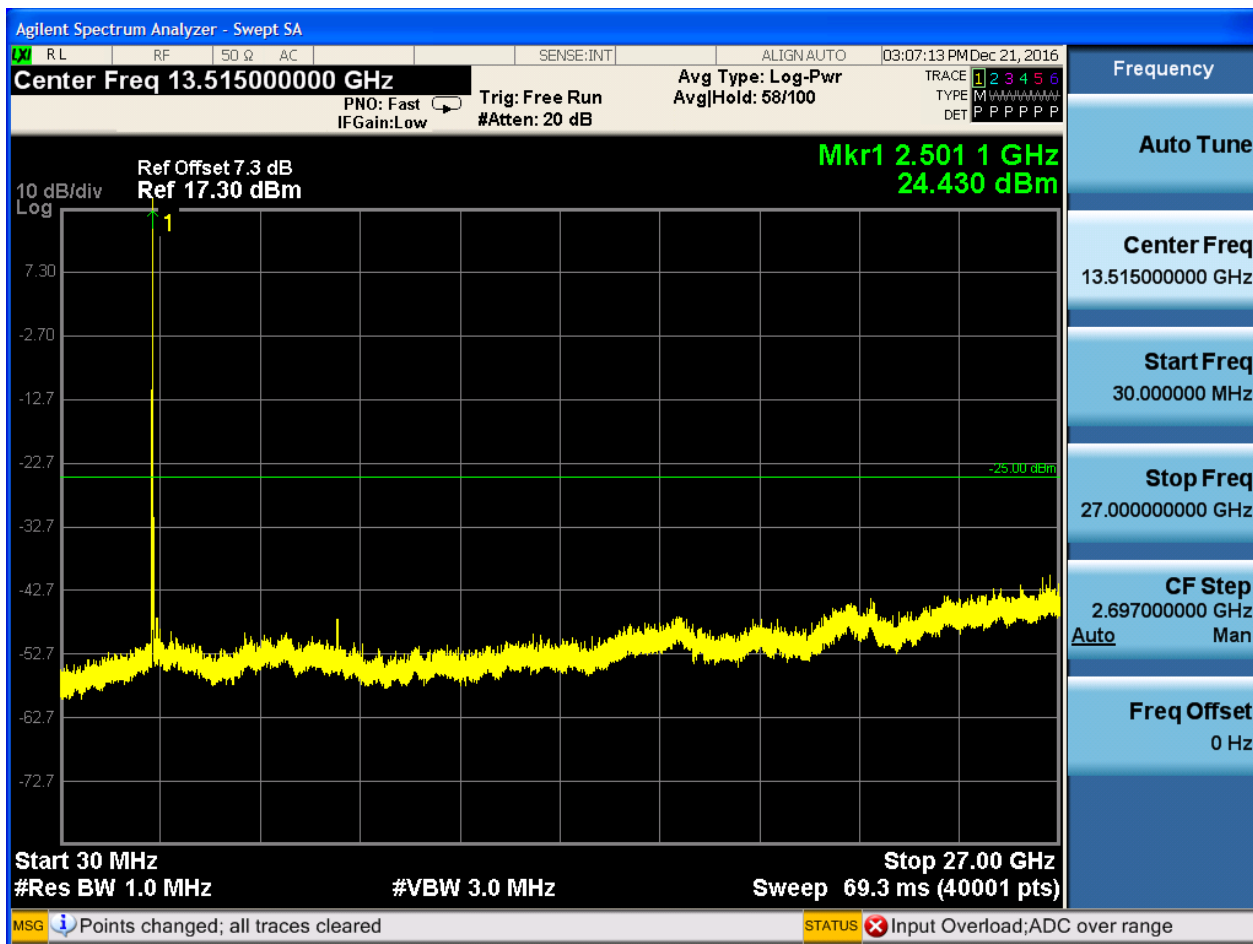
6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0







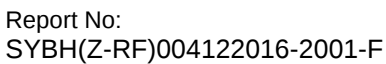
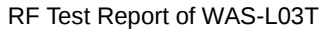


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0



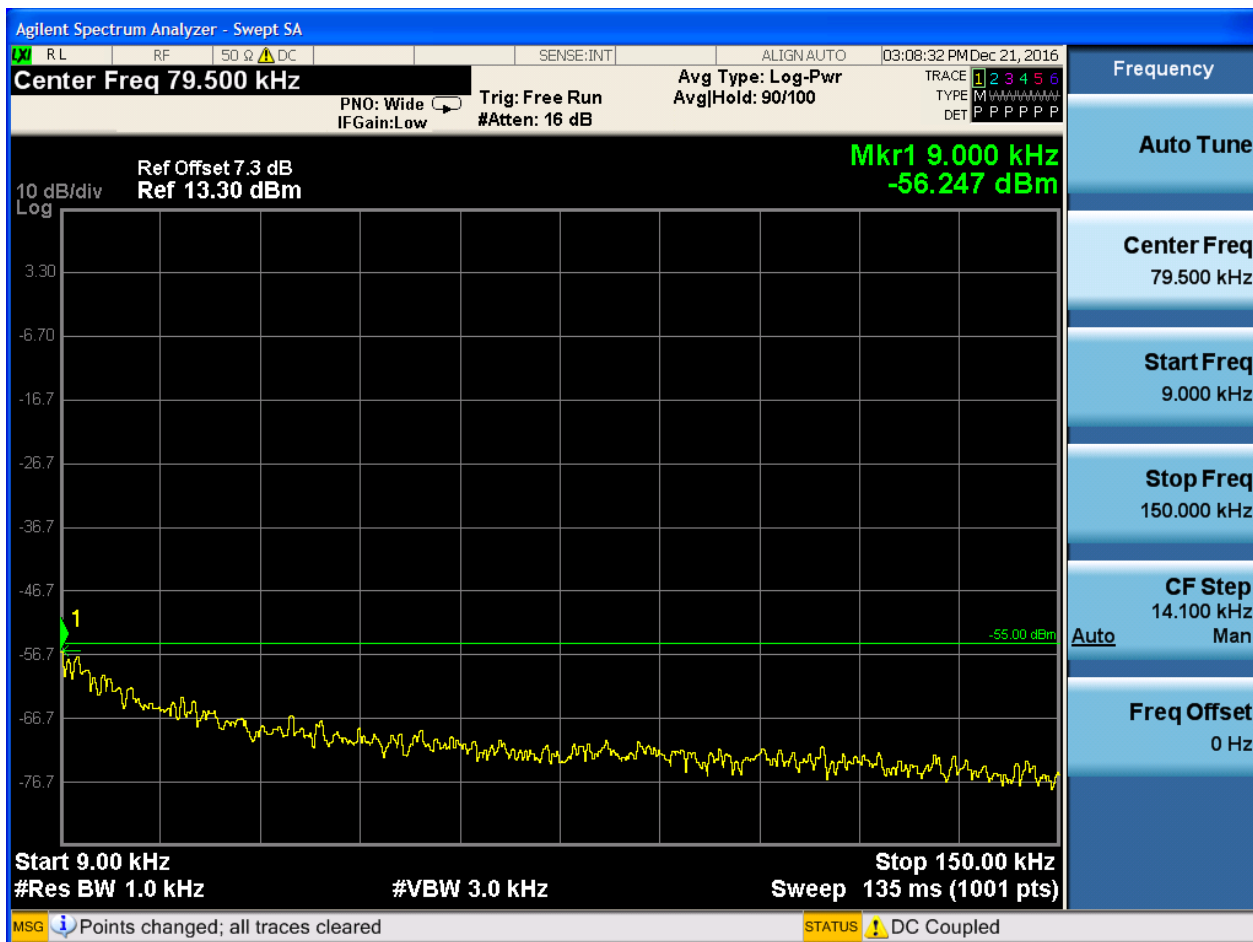


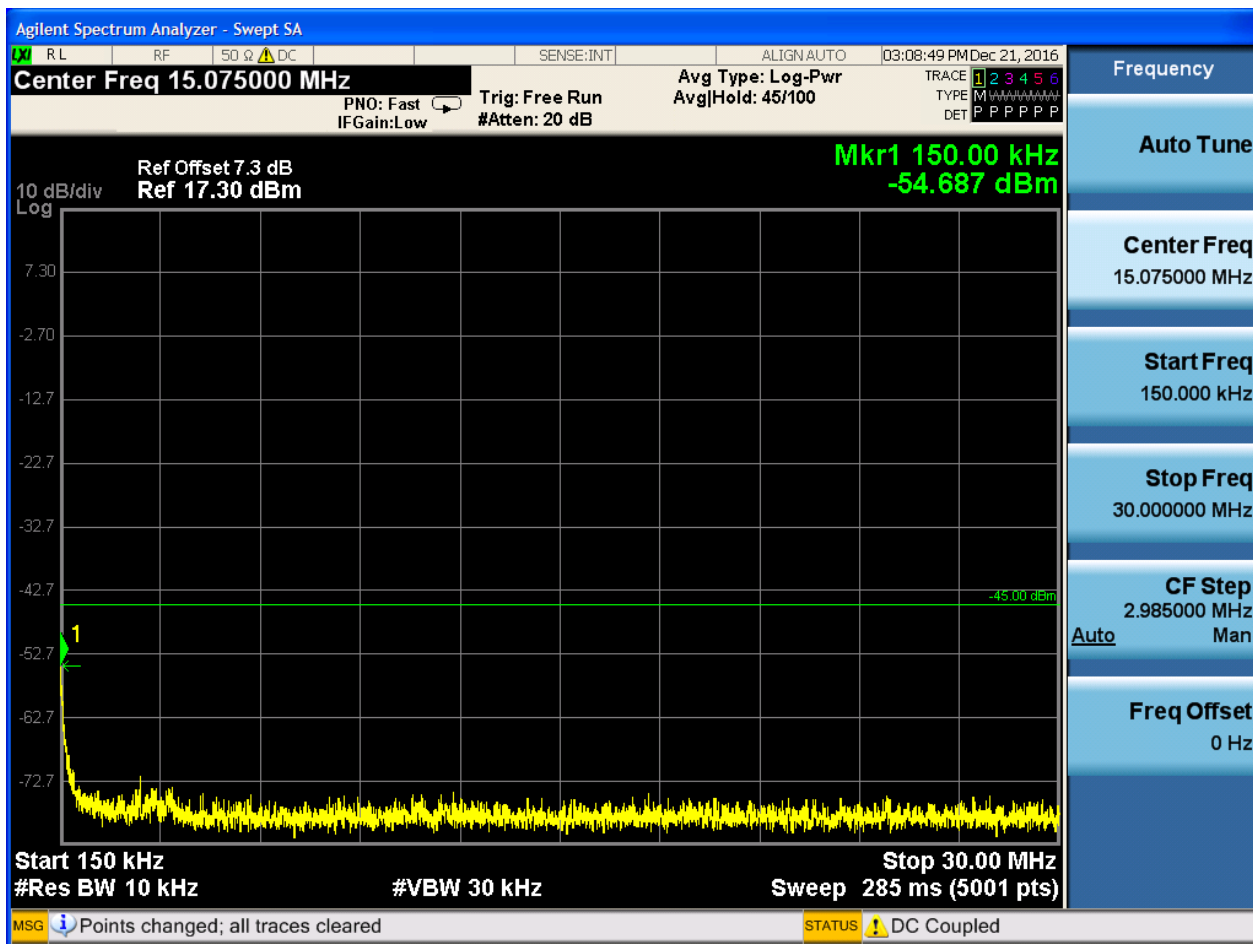


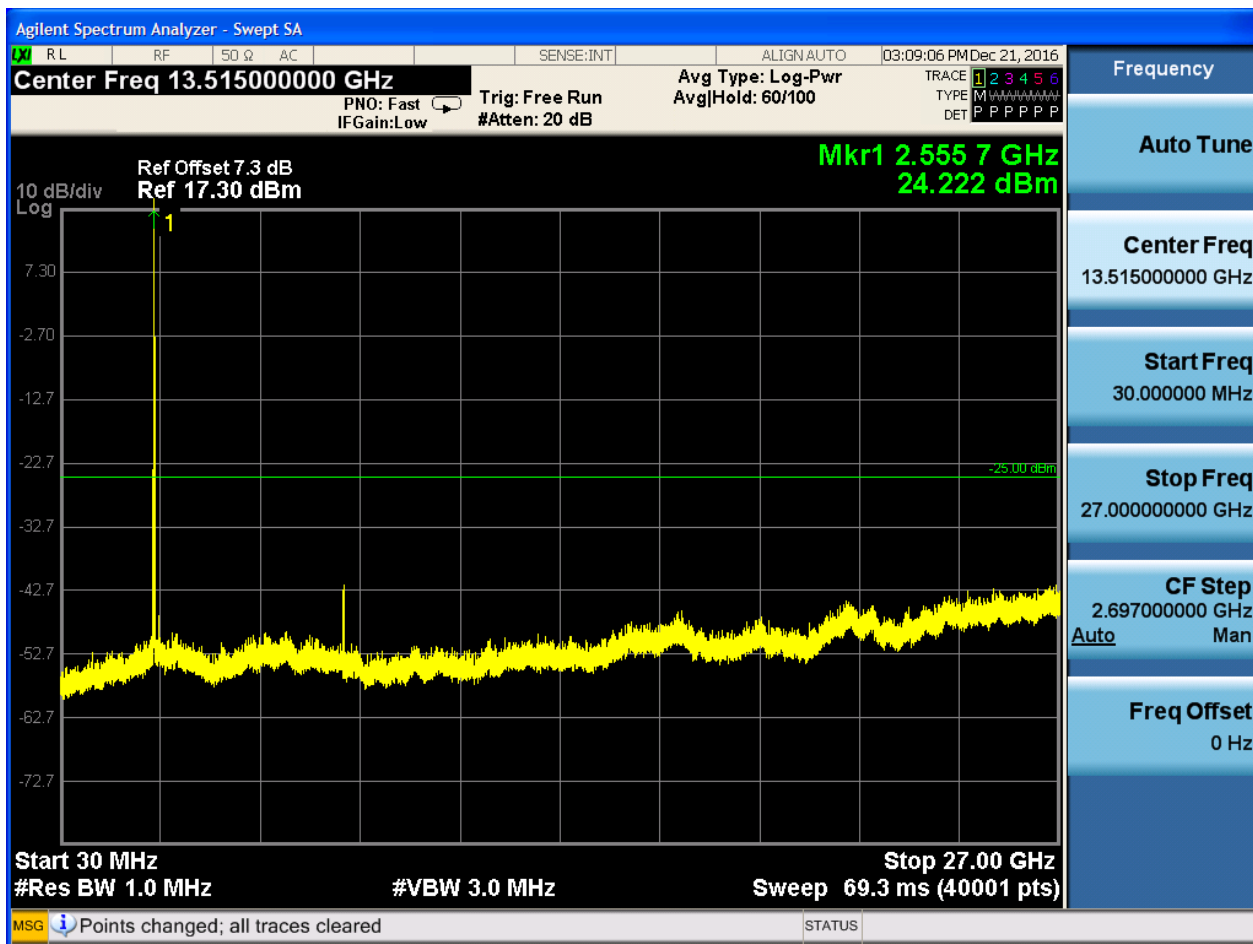


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0



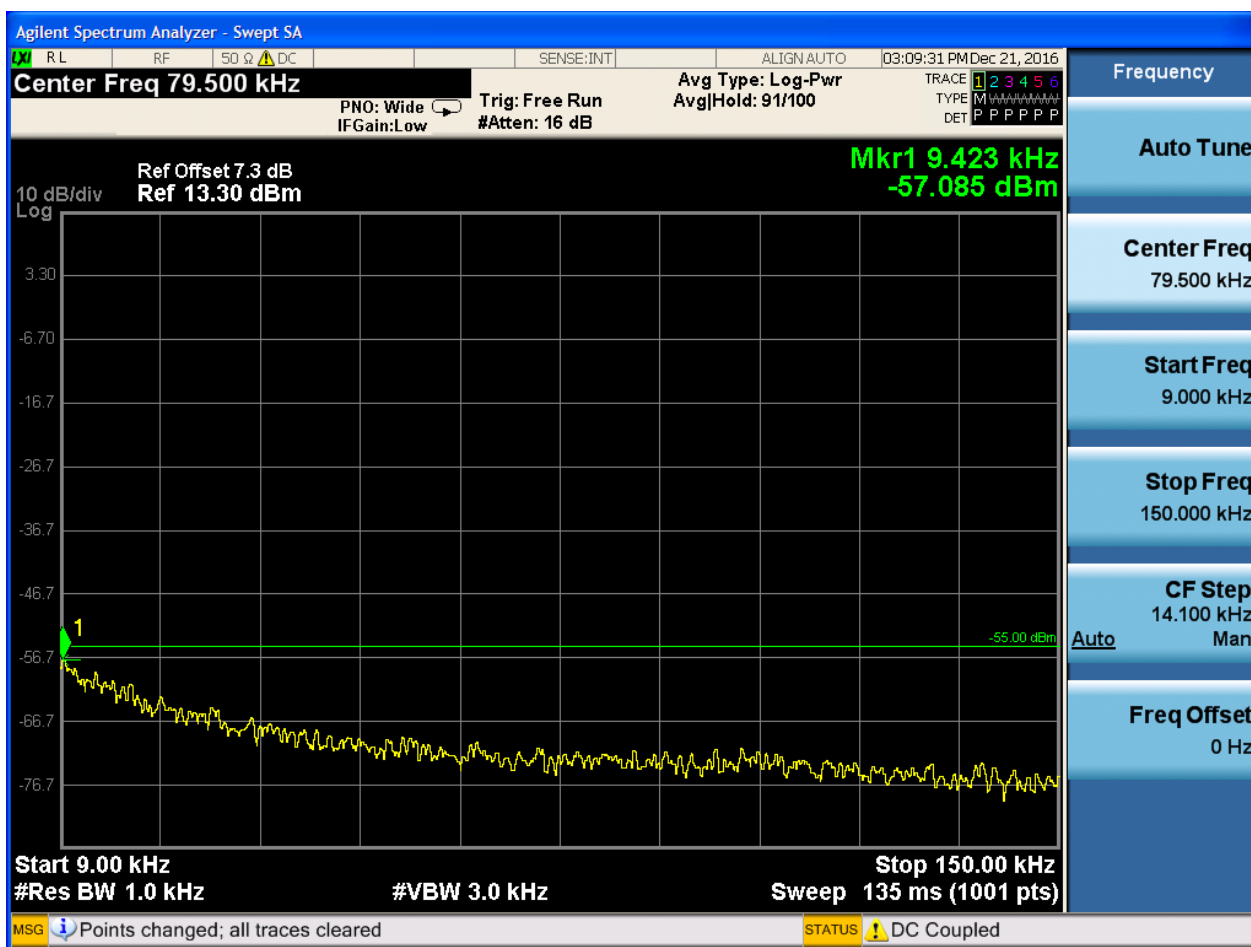




6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0



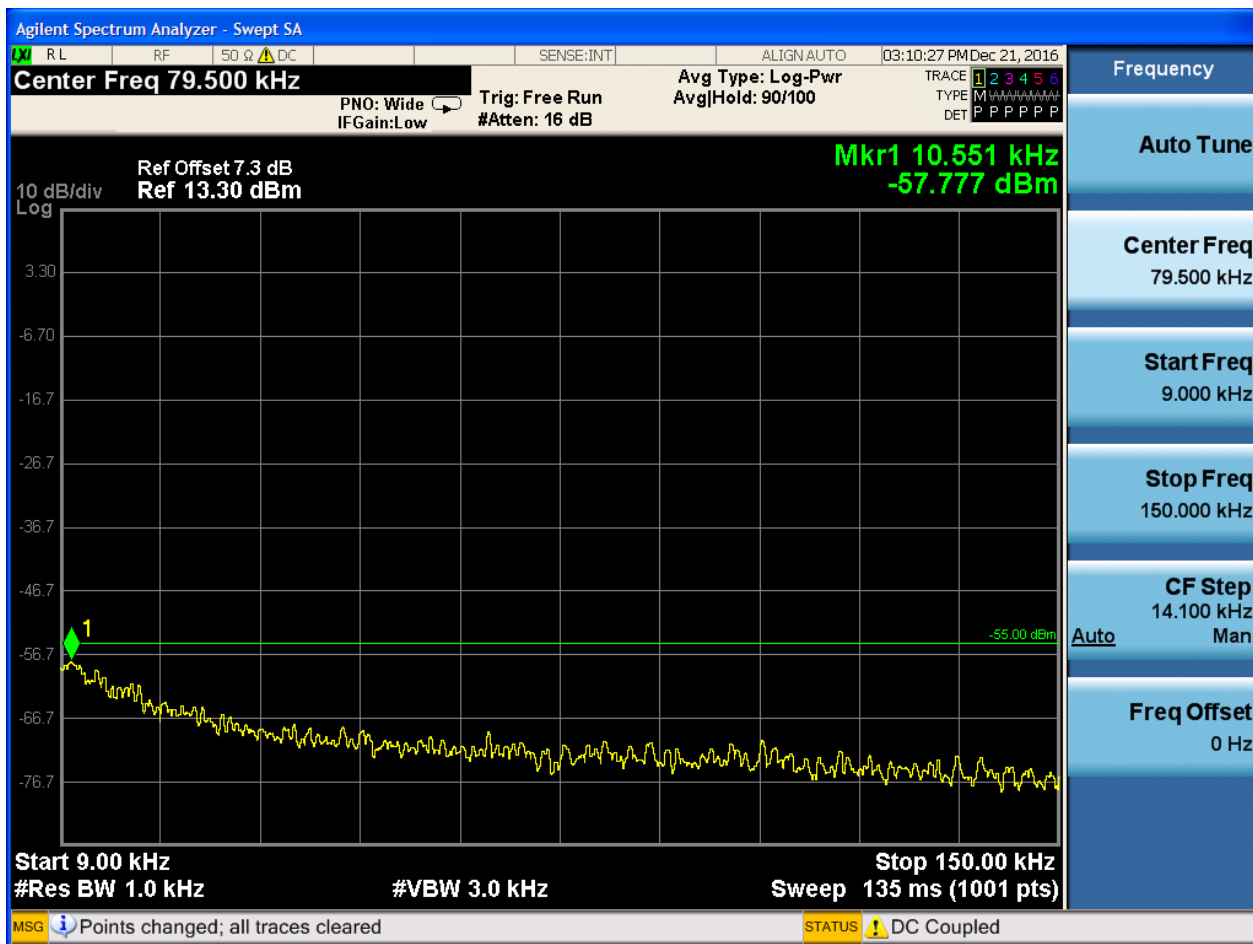


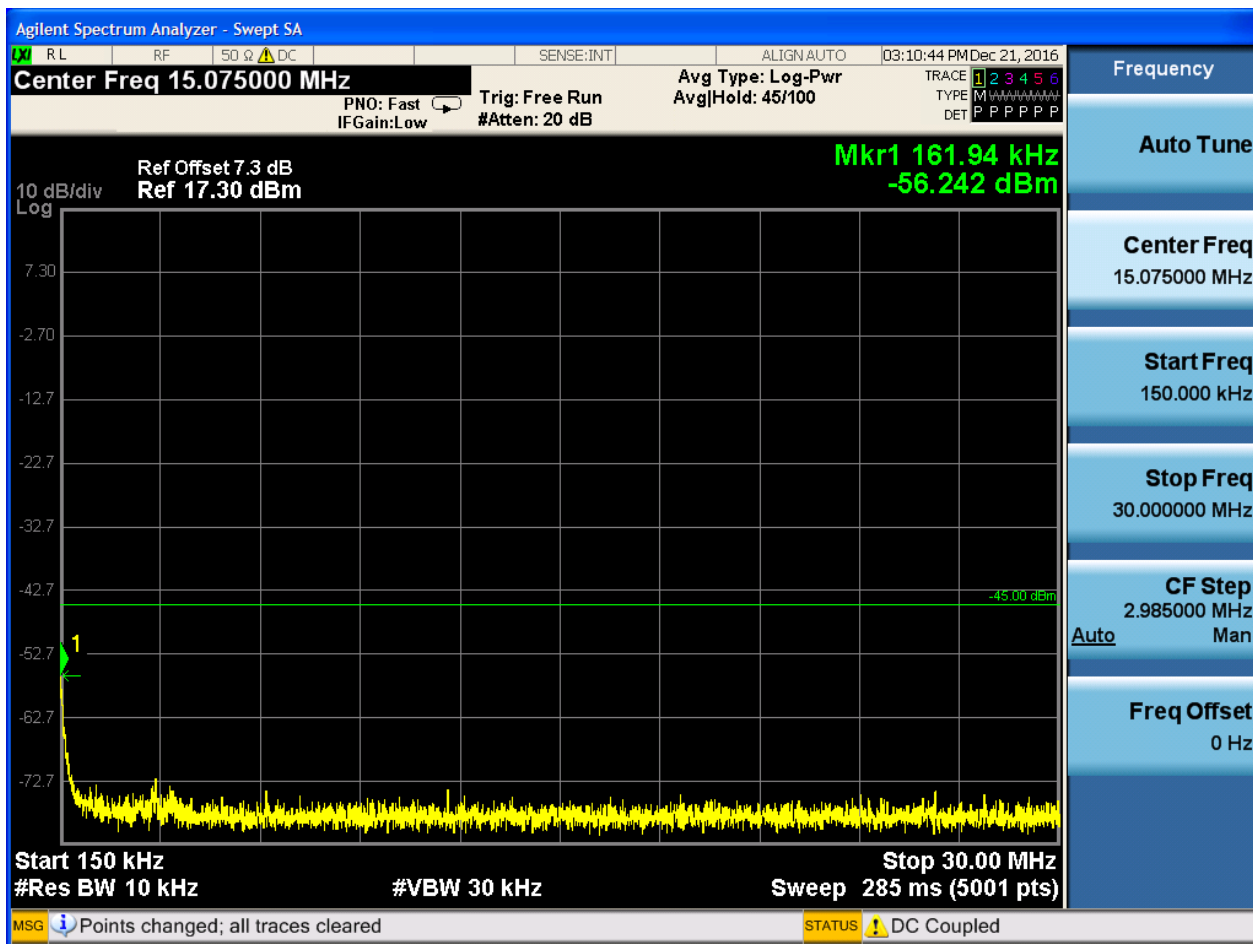




6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



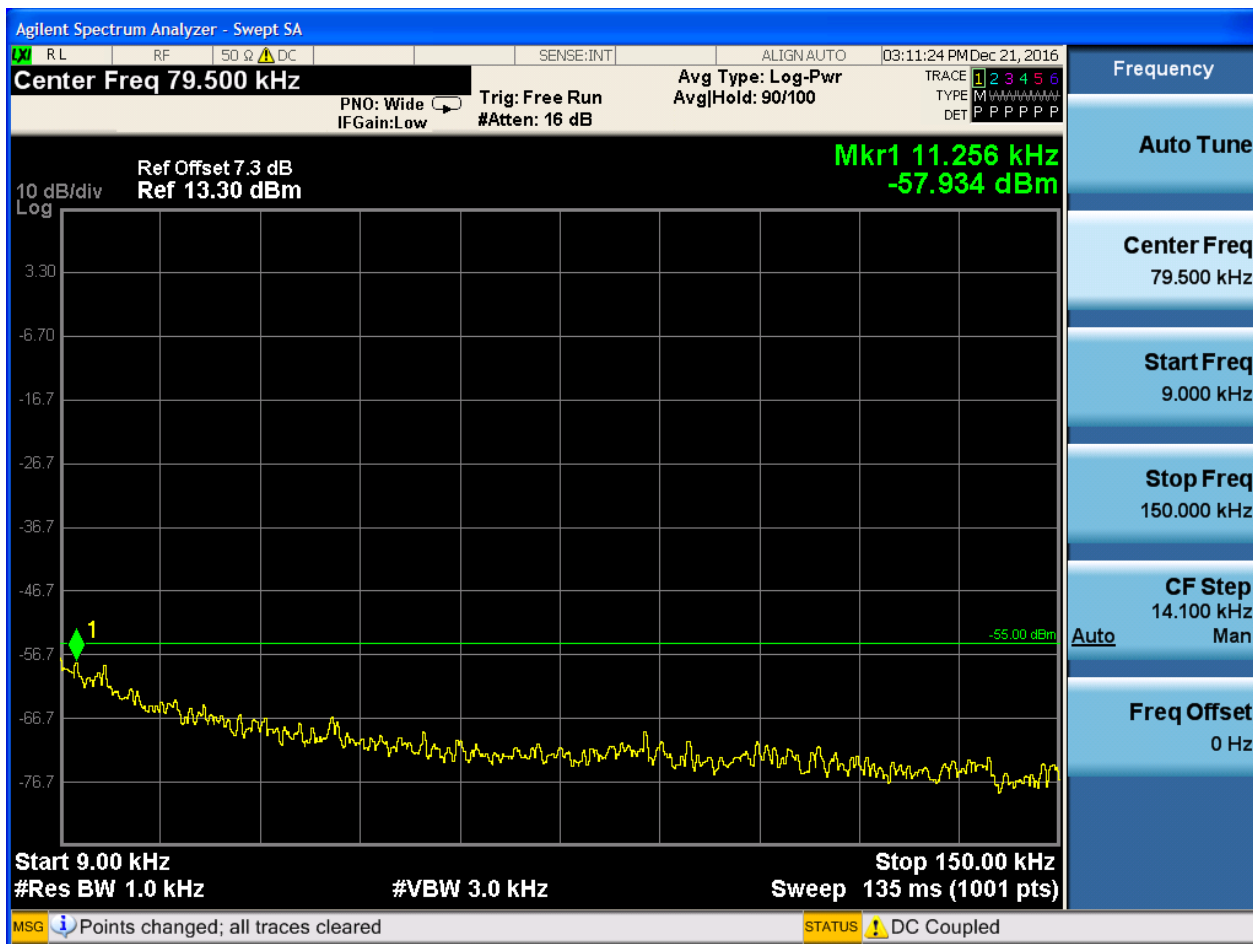




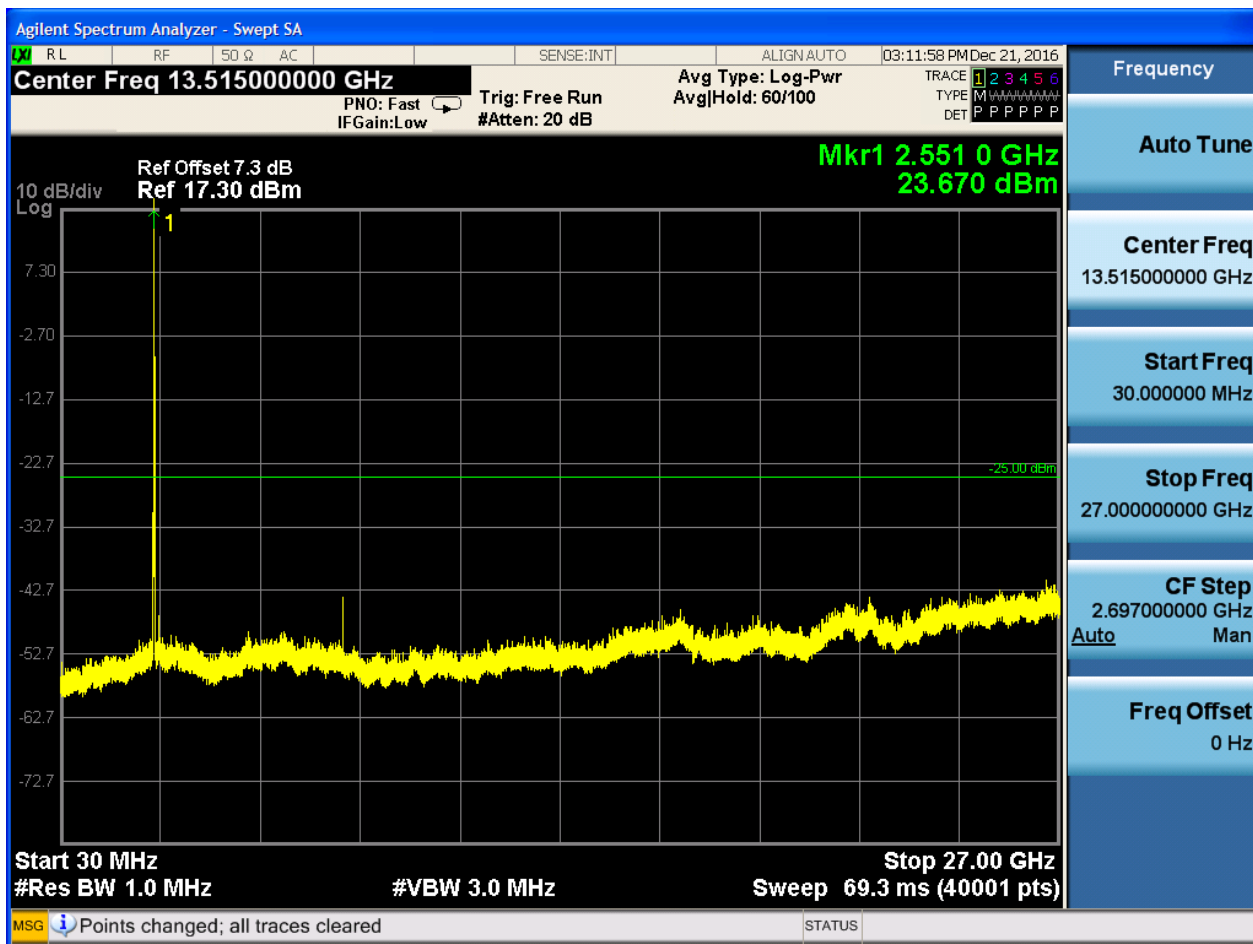


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0





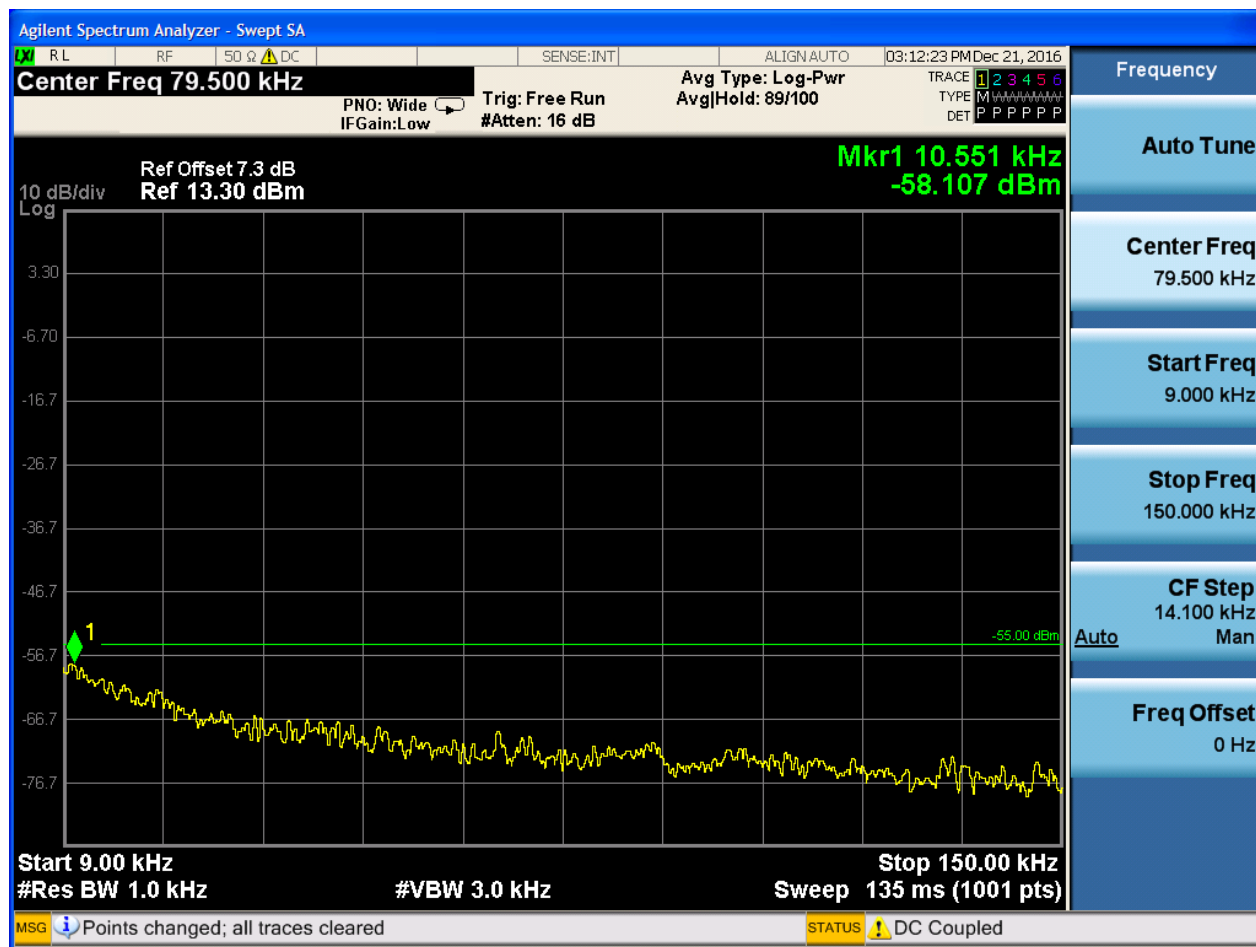


6.1.1.2 Test Mode = LTE/TM2

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



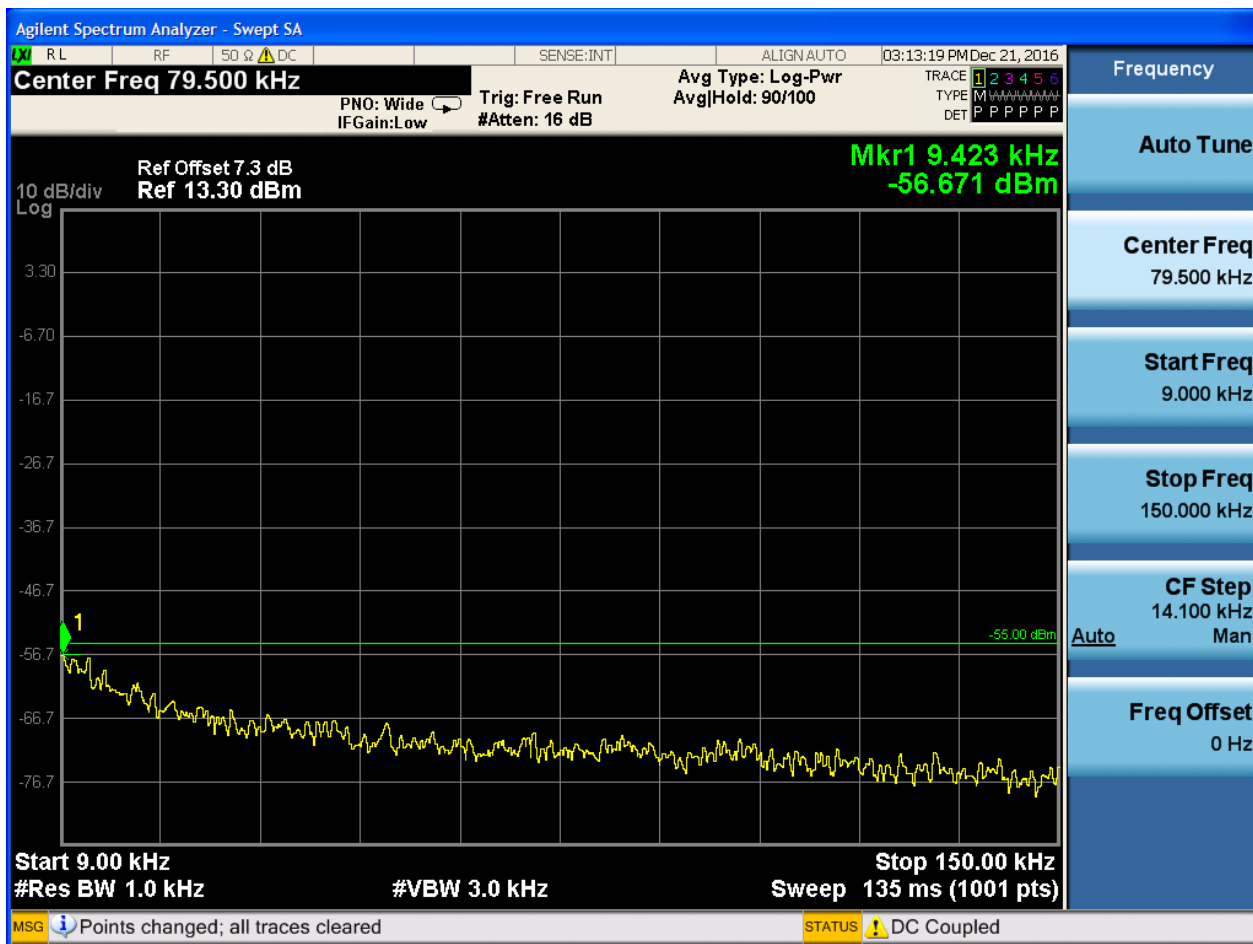


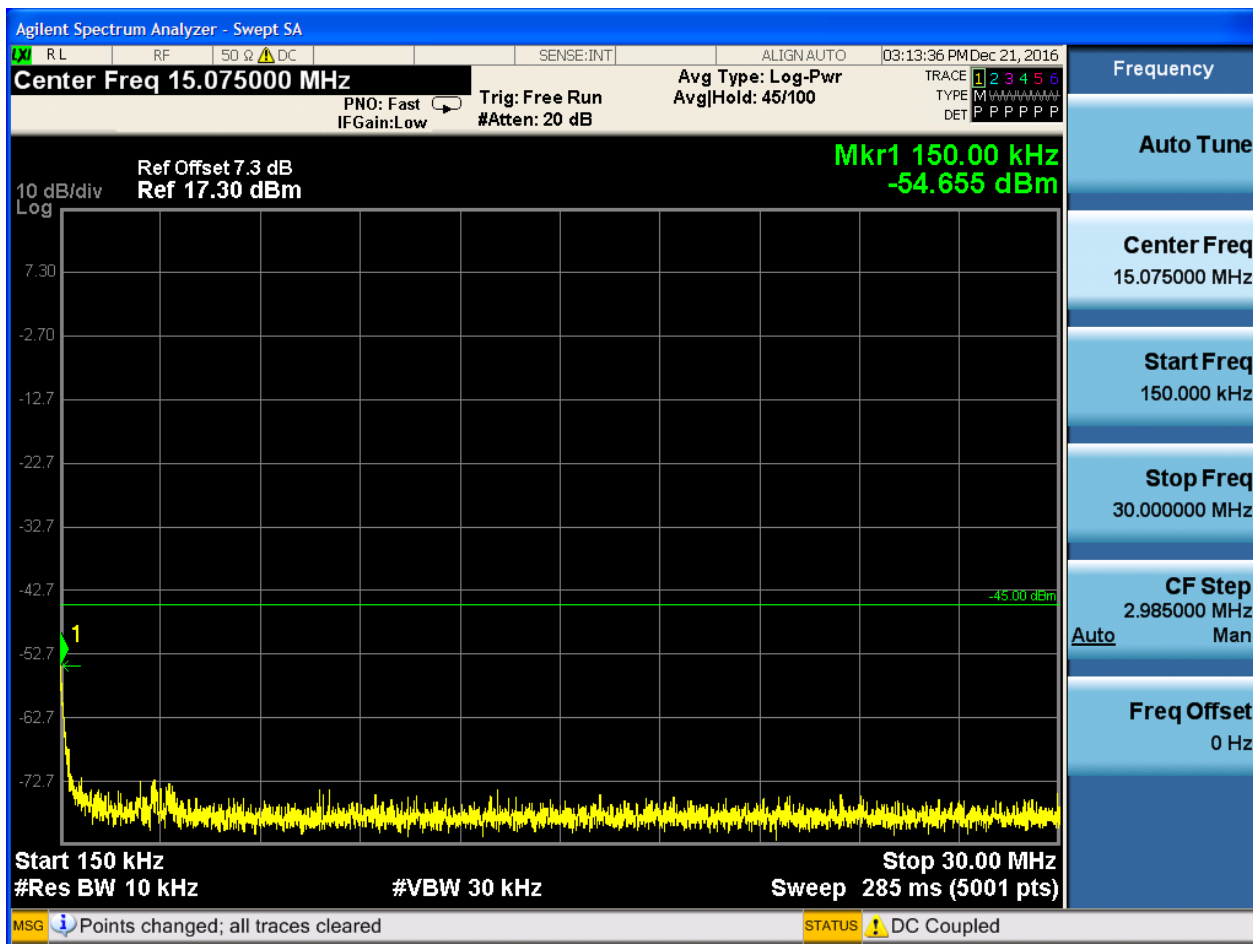


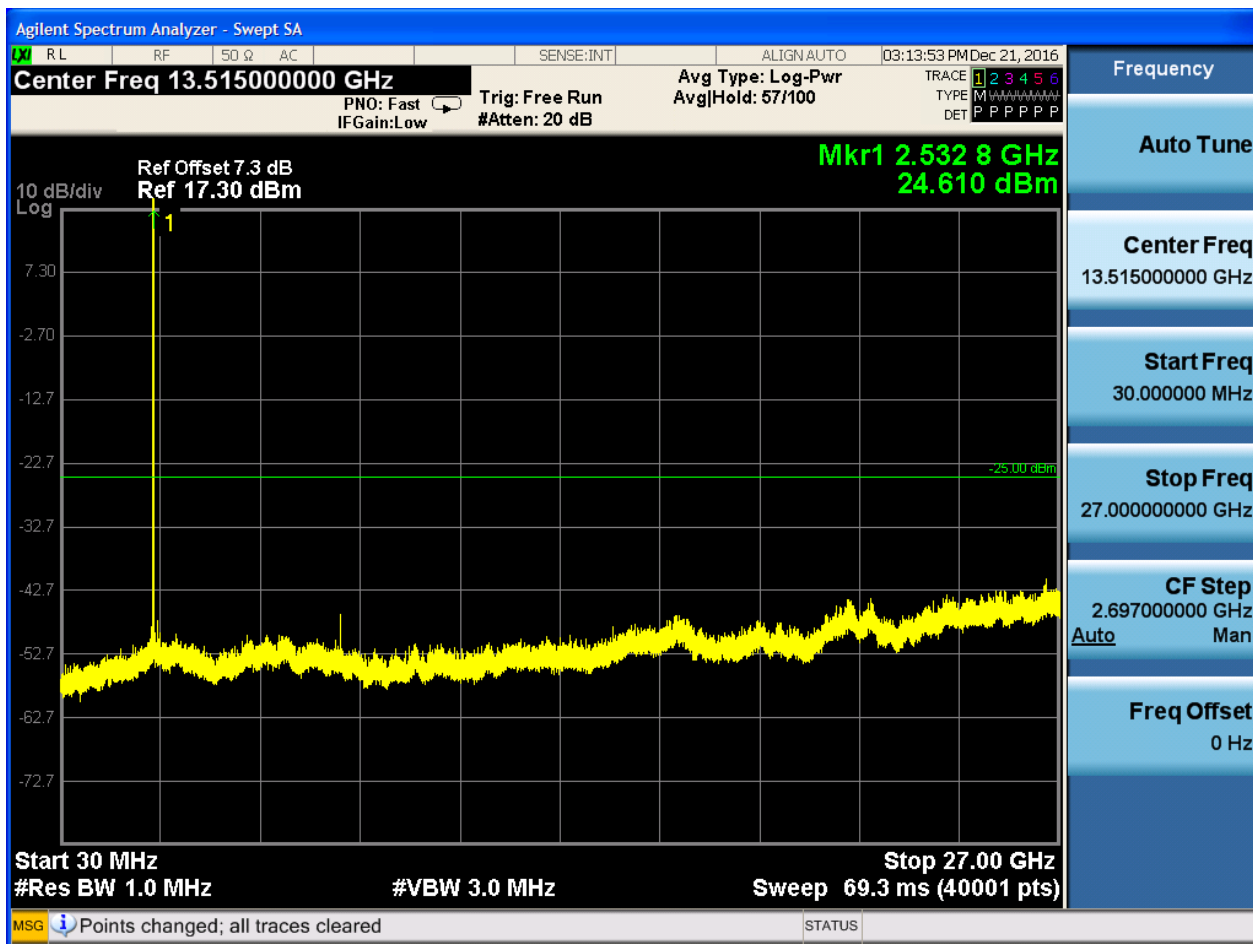


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

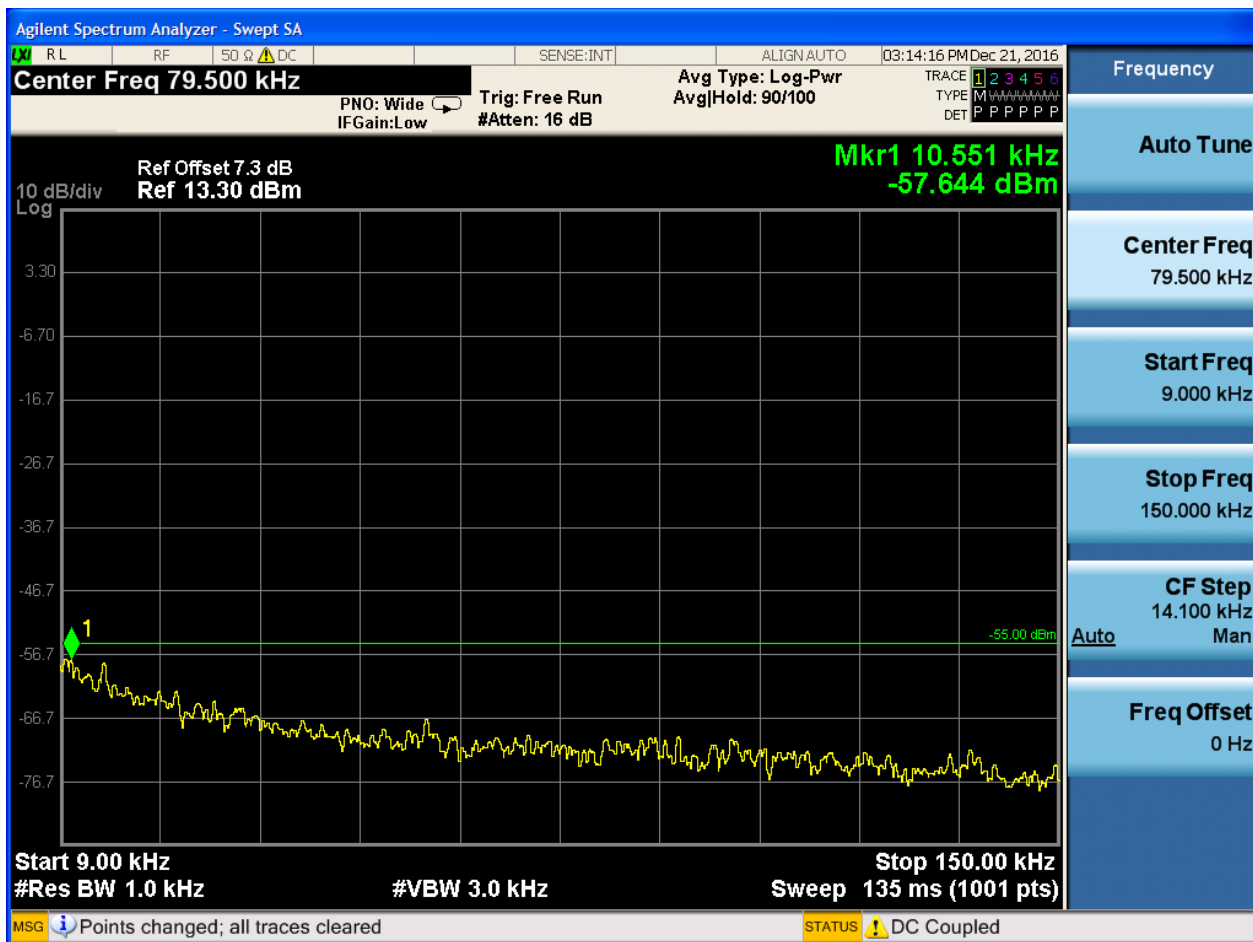




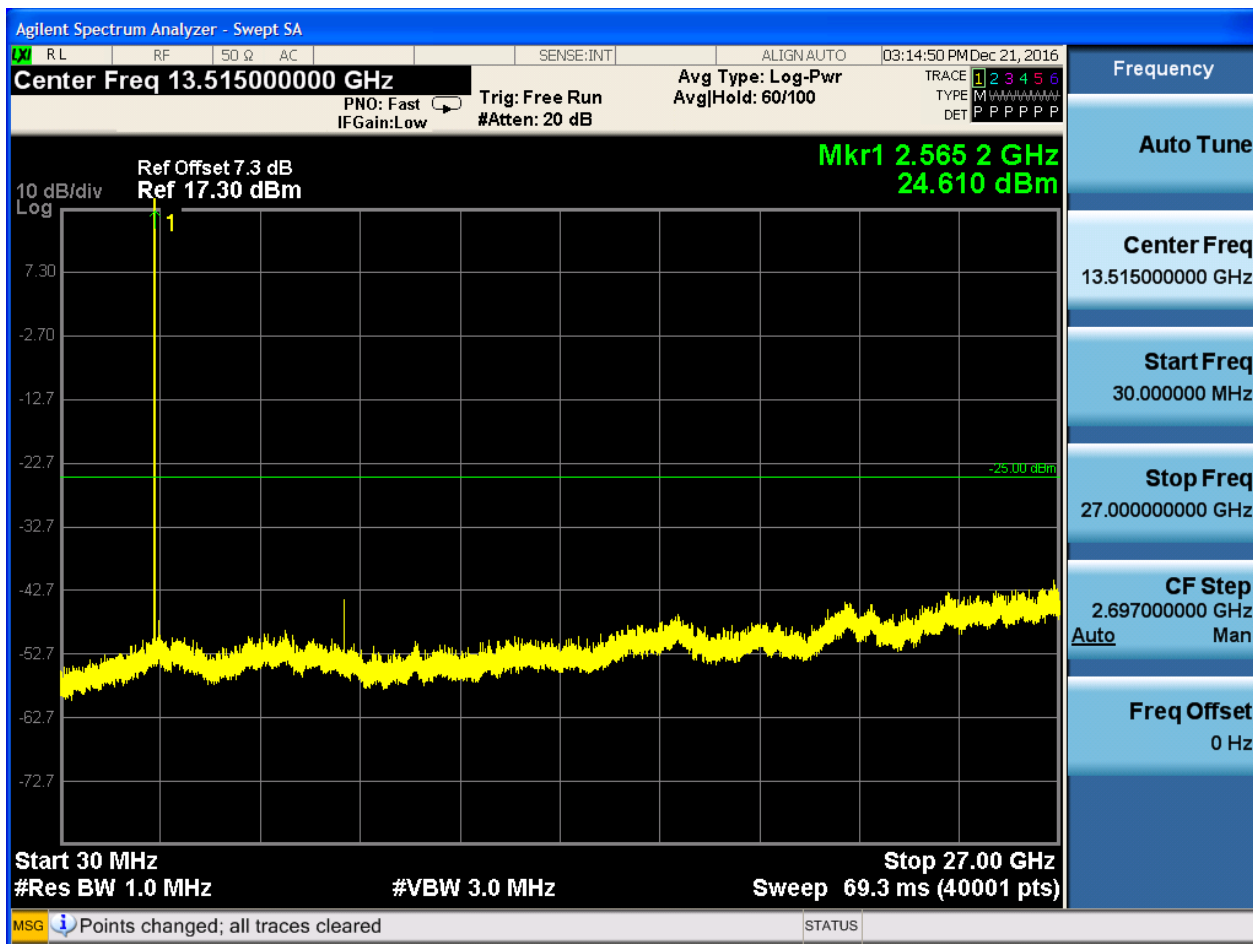


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



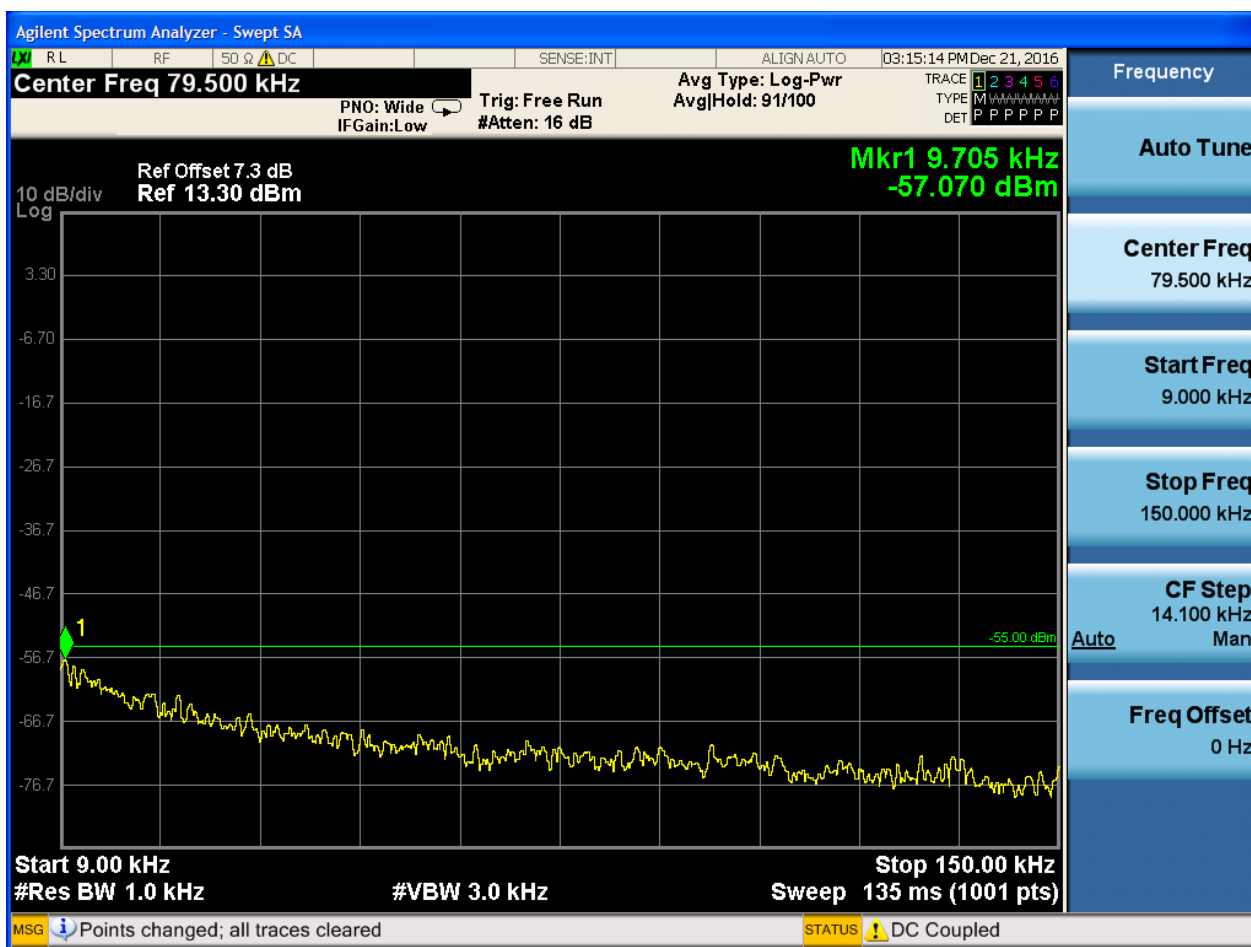




6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

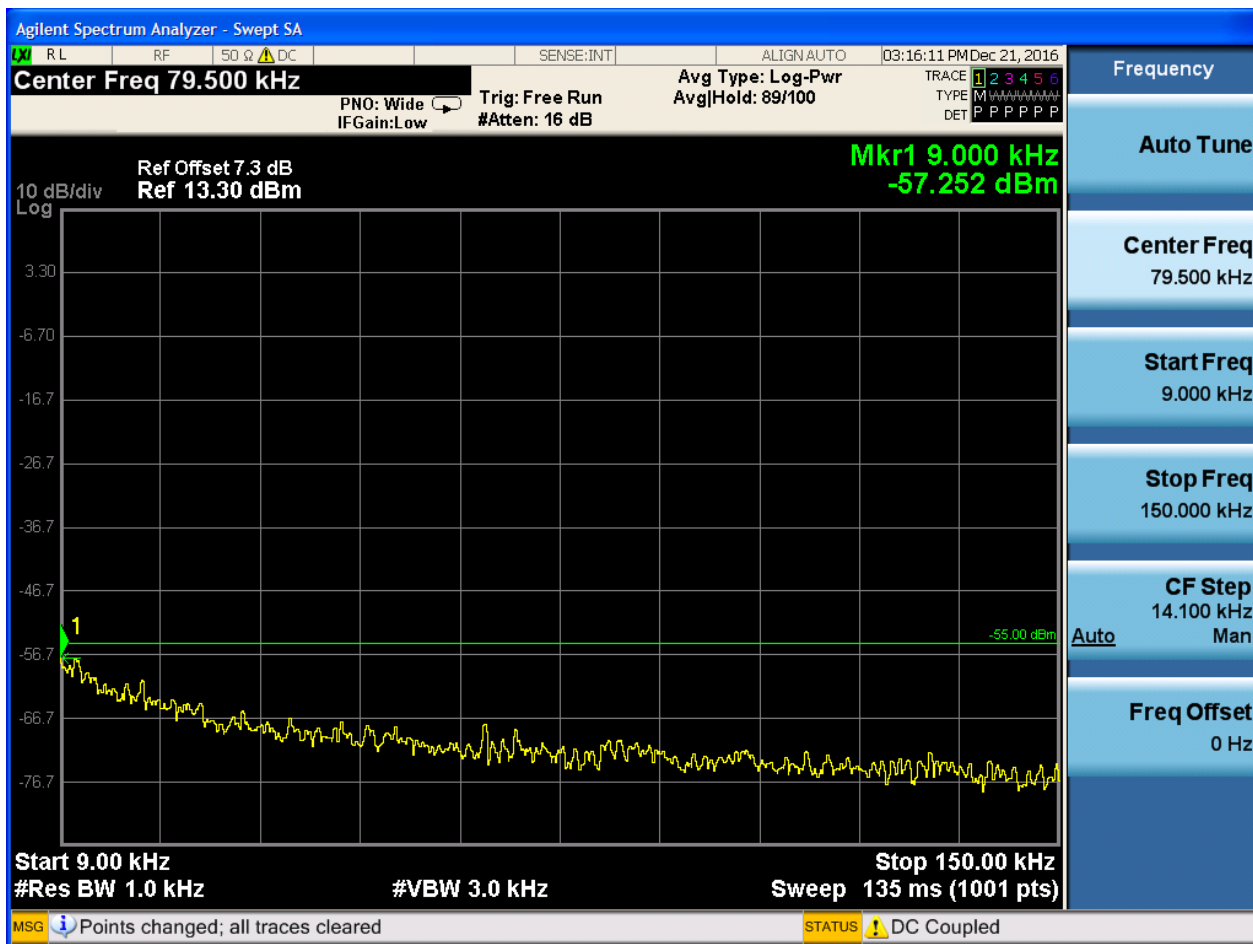


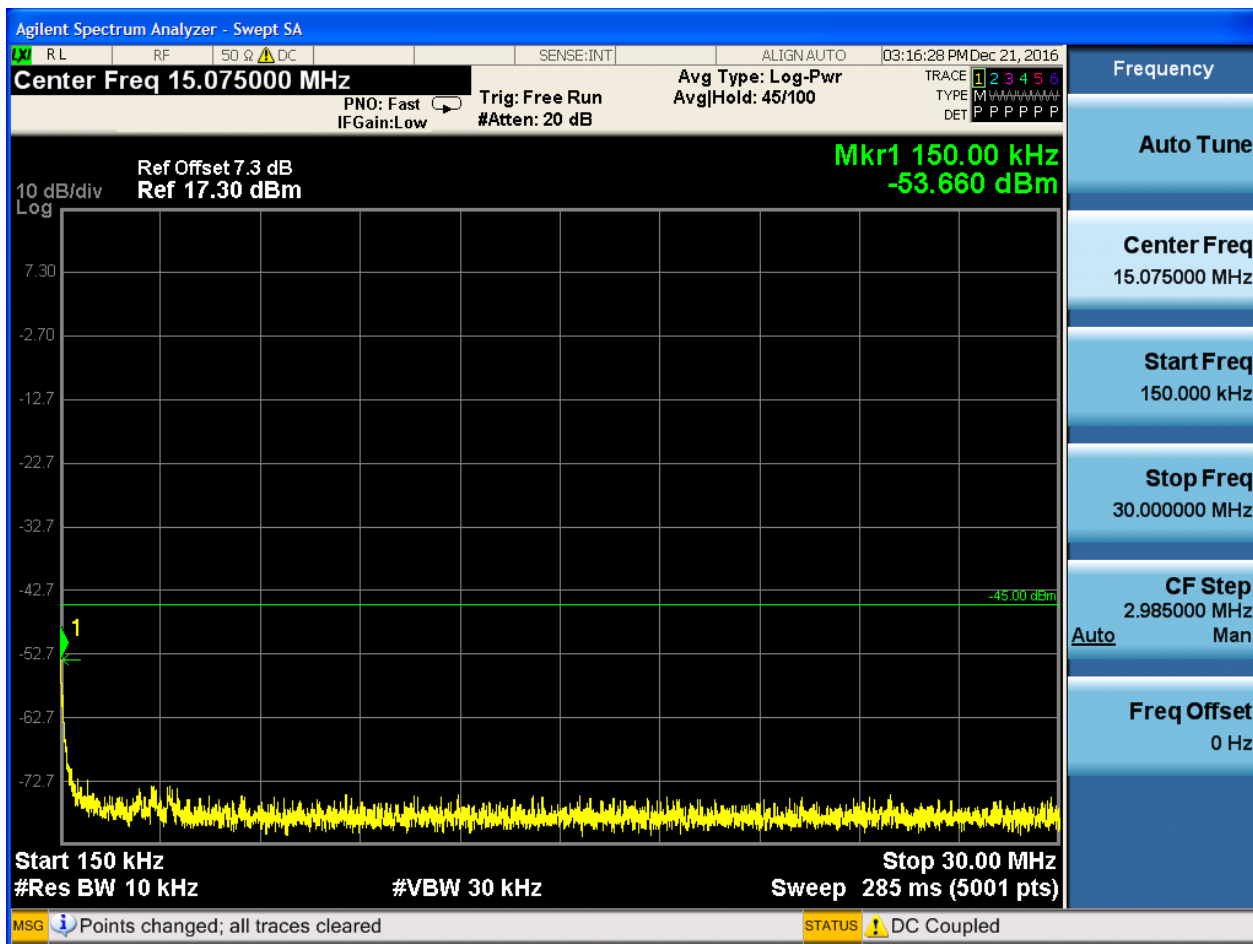


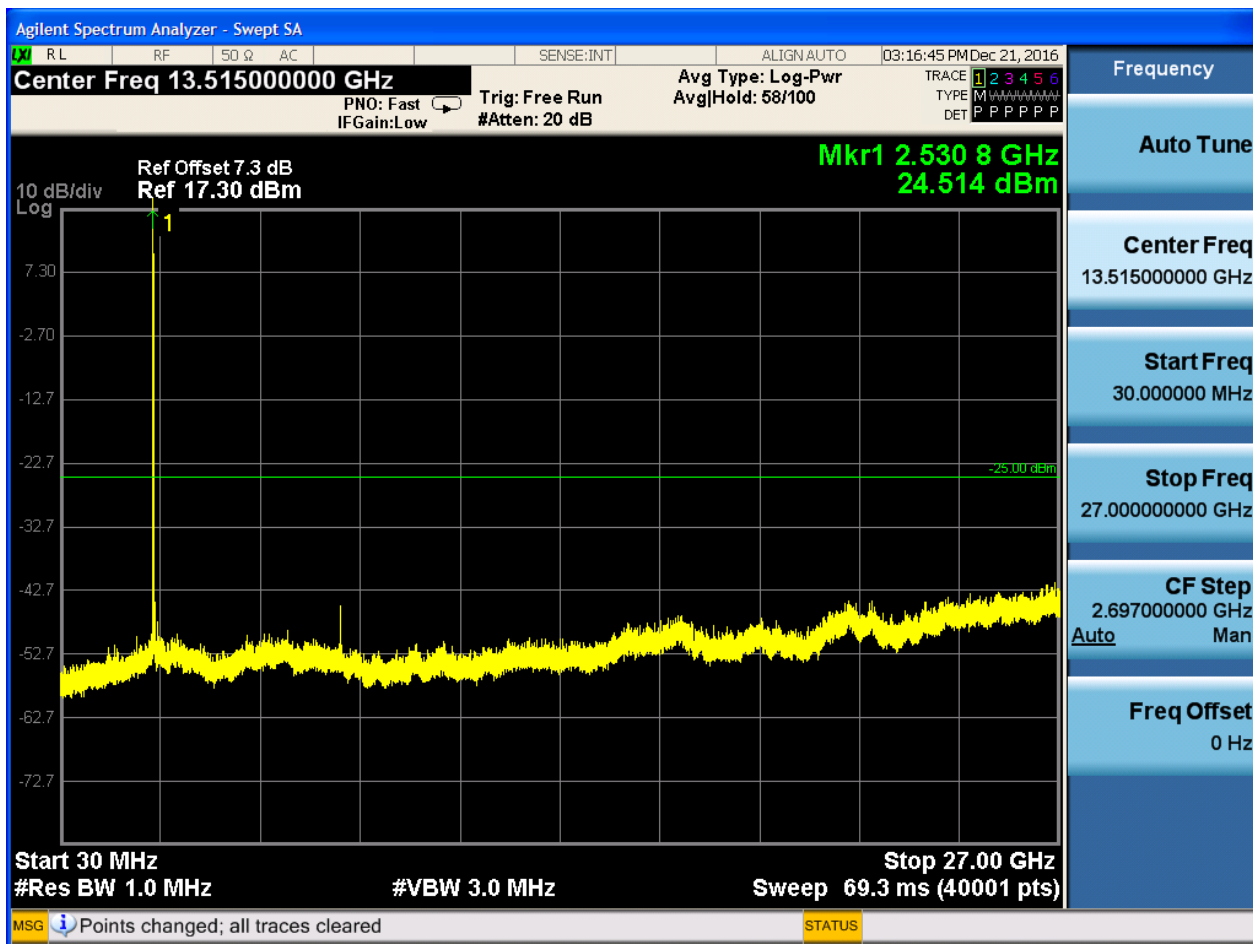


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0





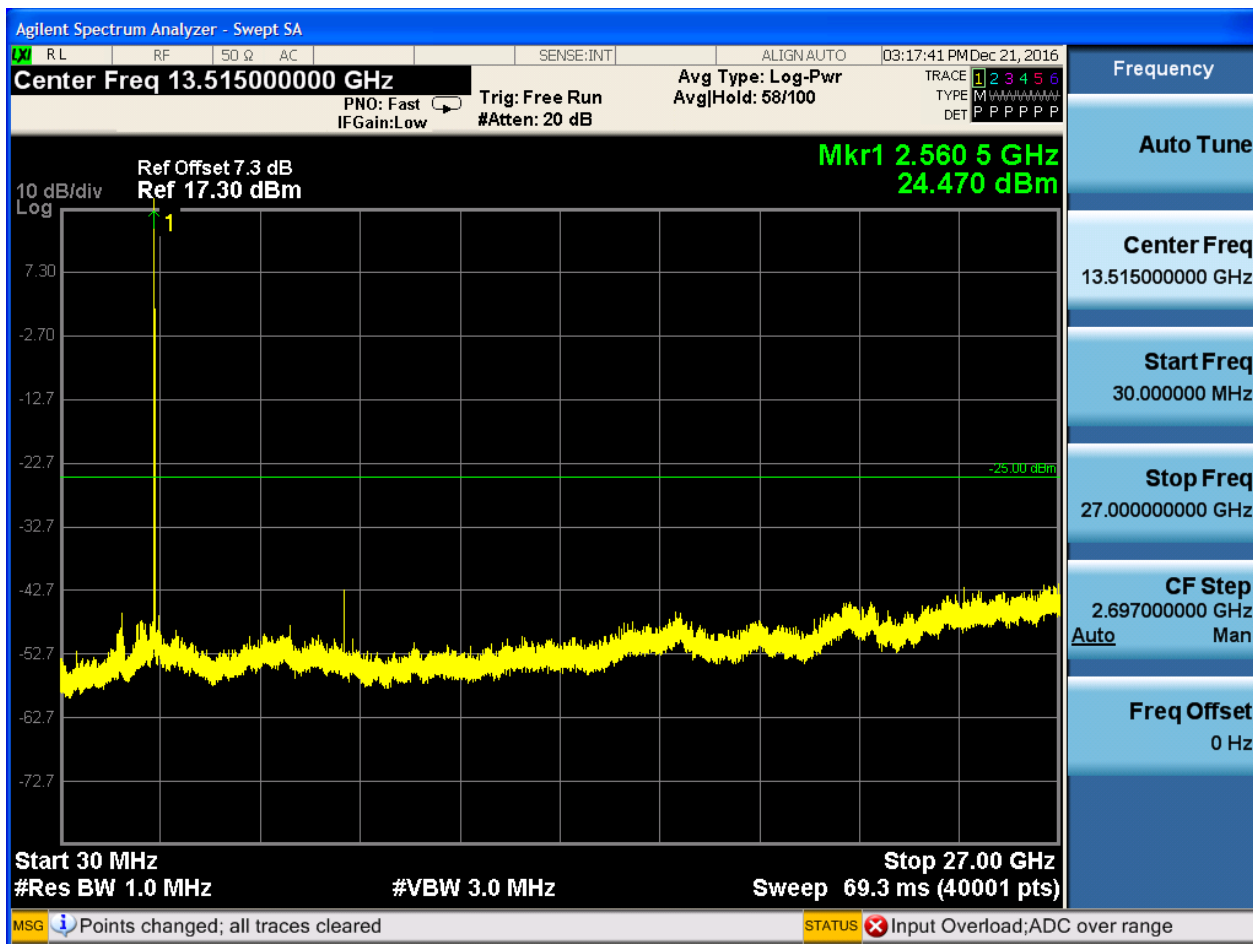


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



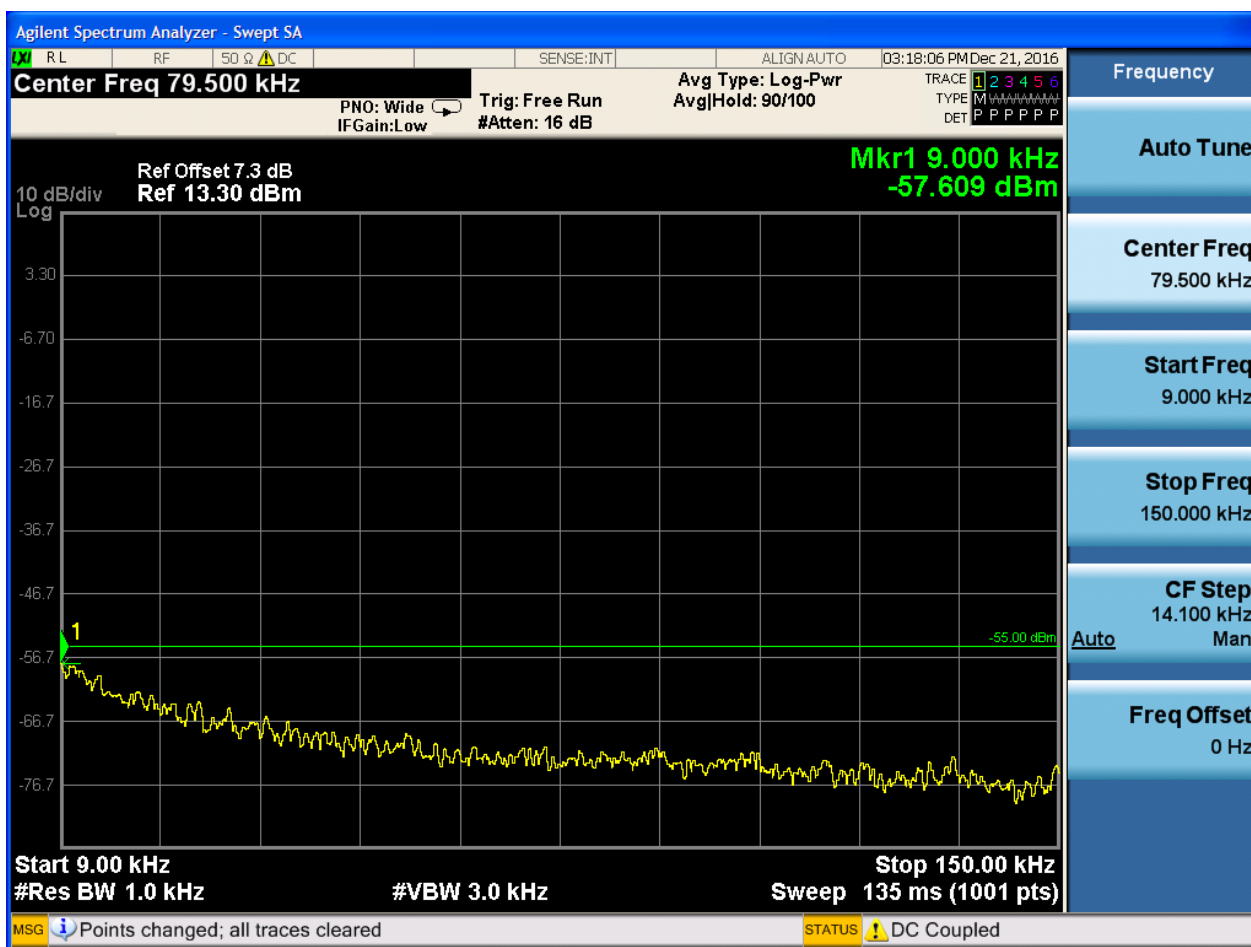




6.1.1.2.3 Test Bandwidth = 15

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



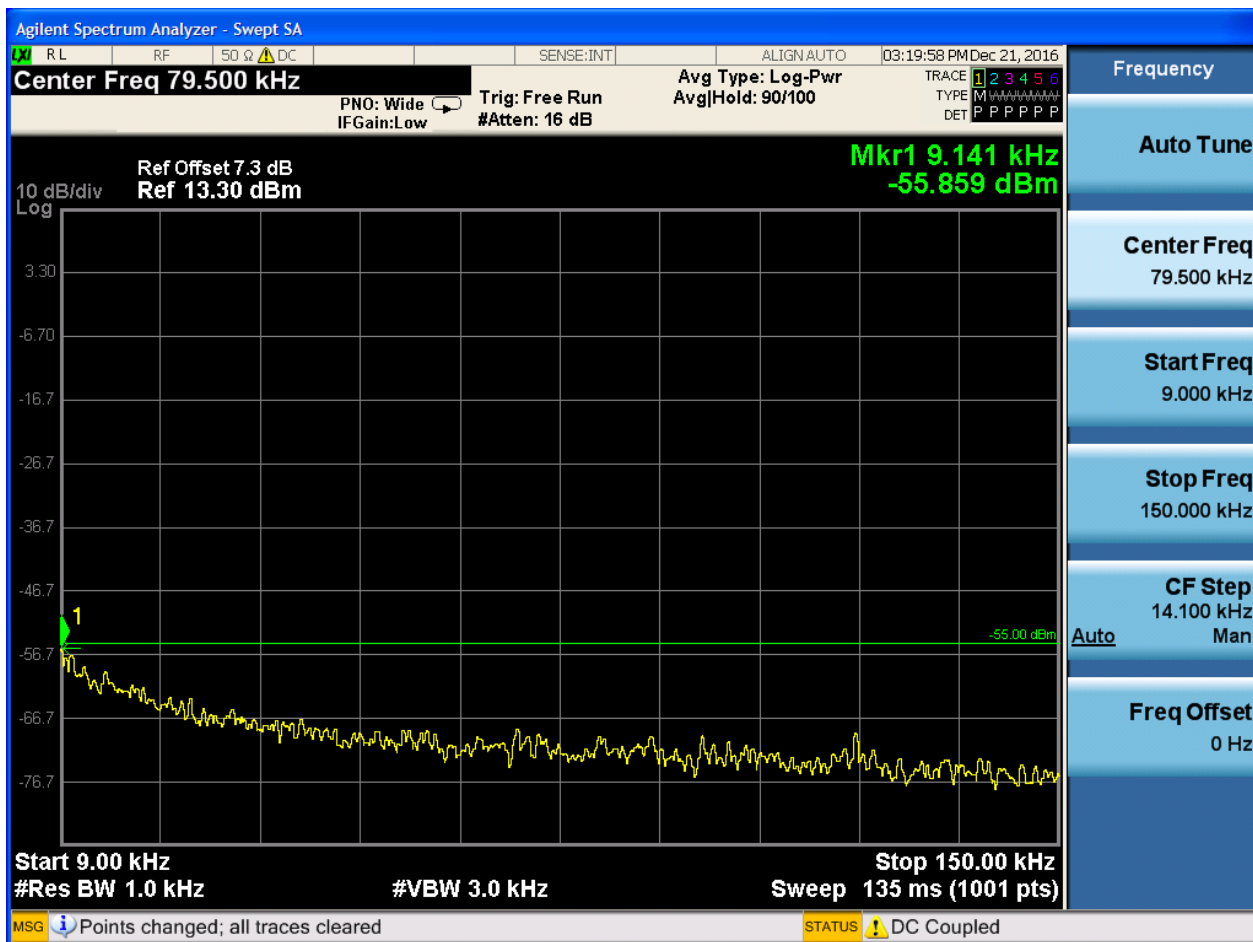


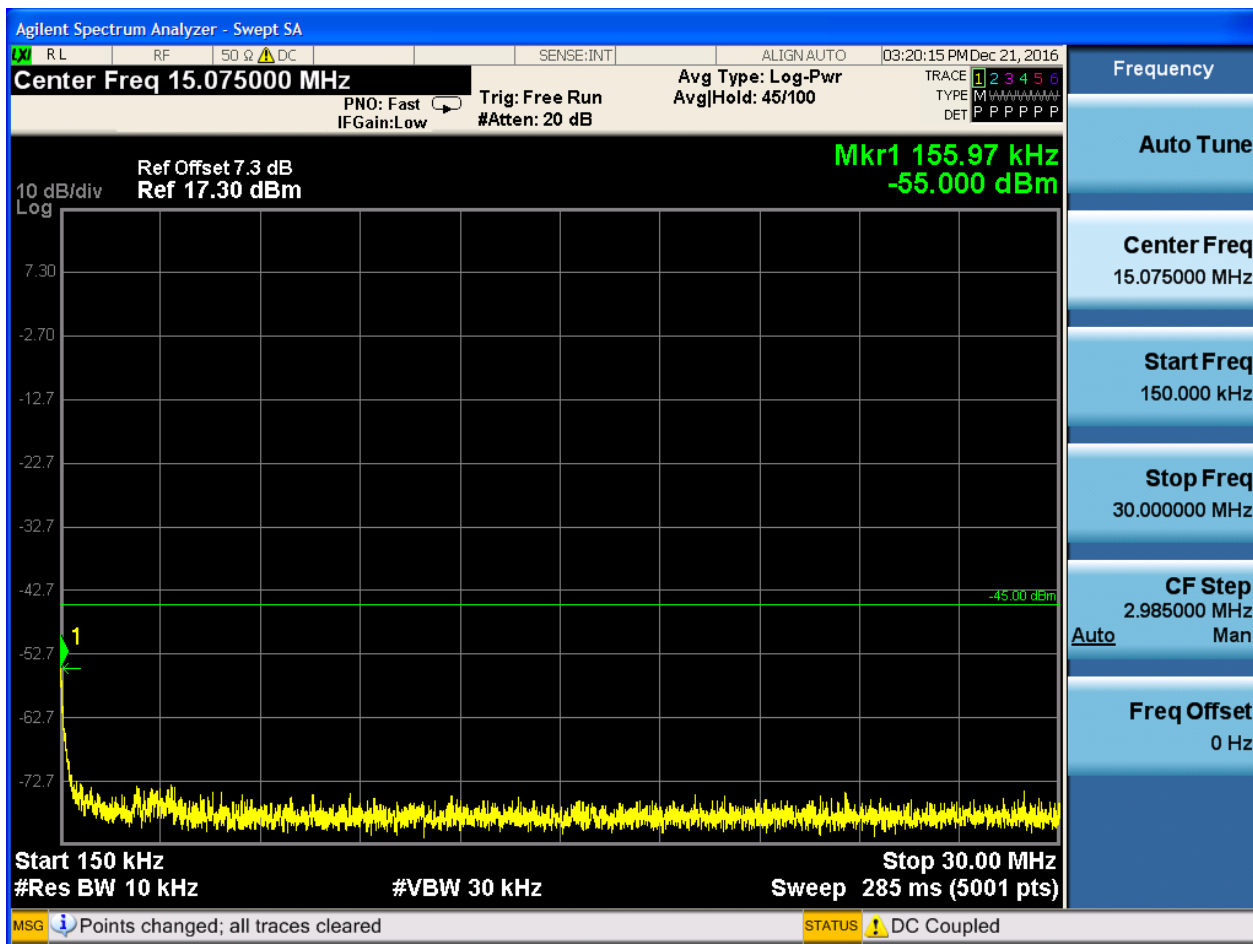


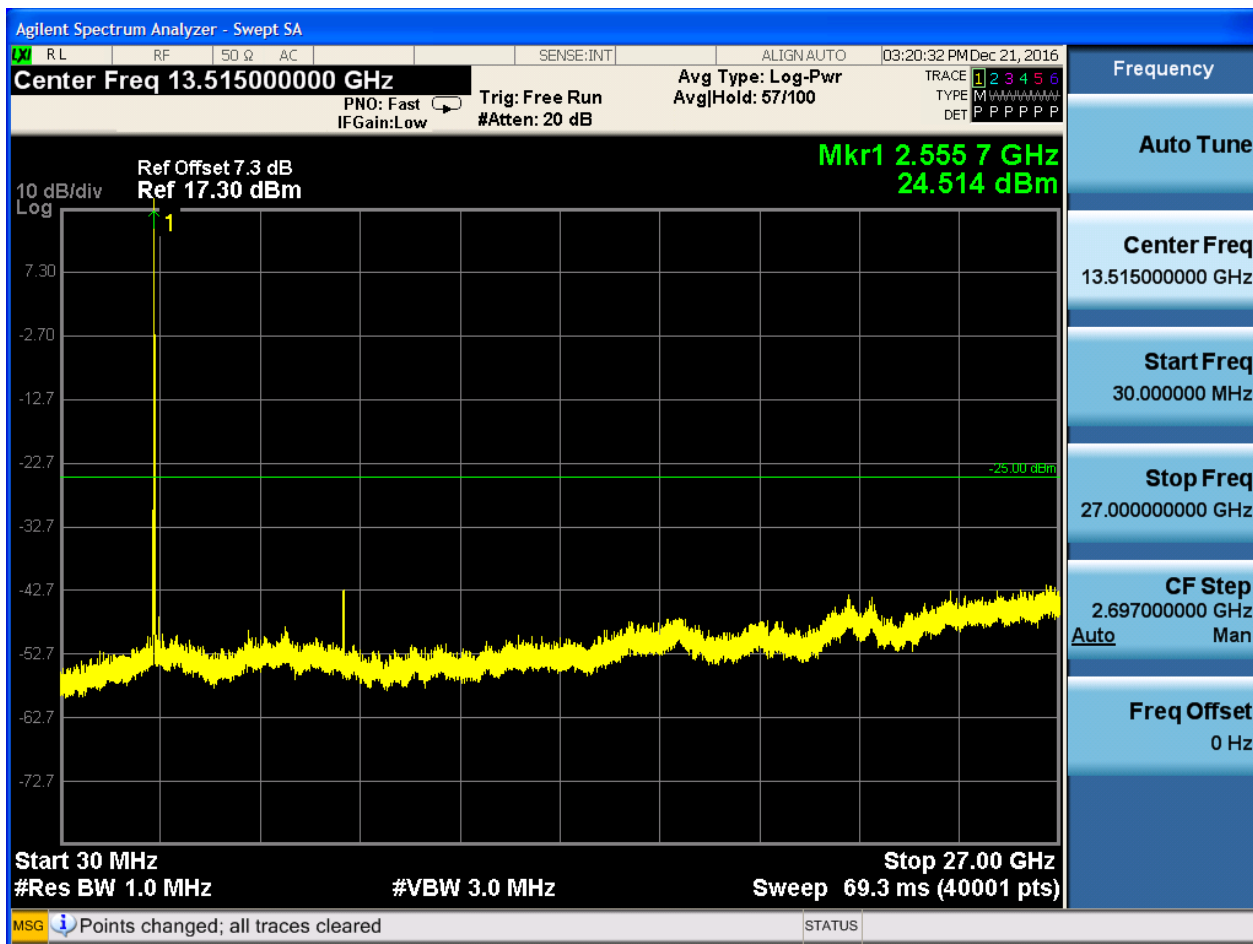


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





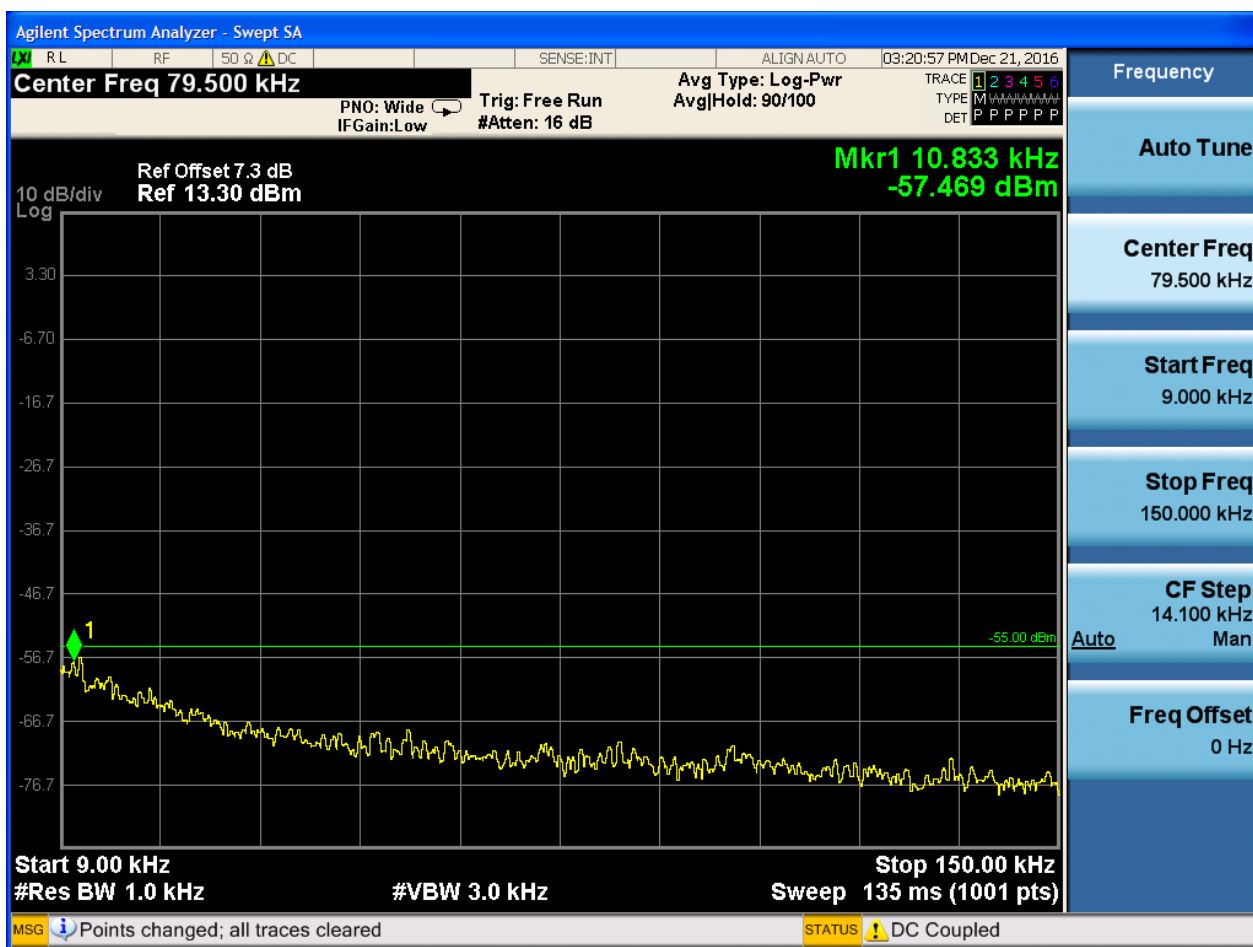


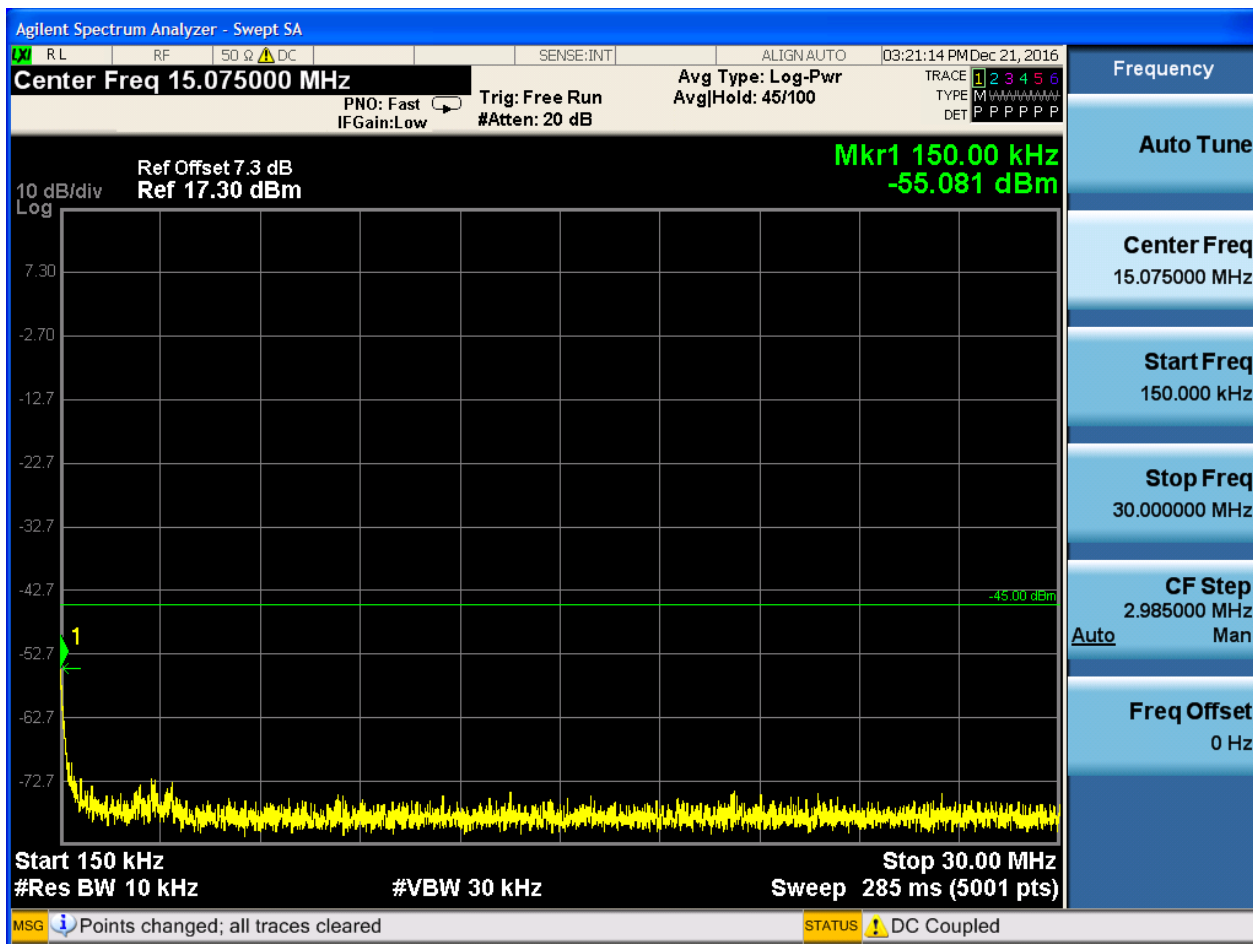


6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

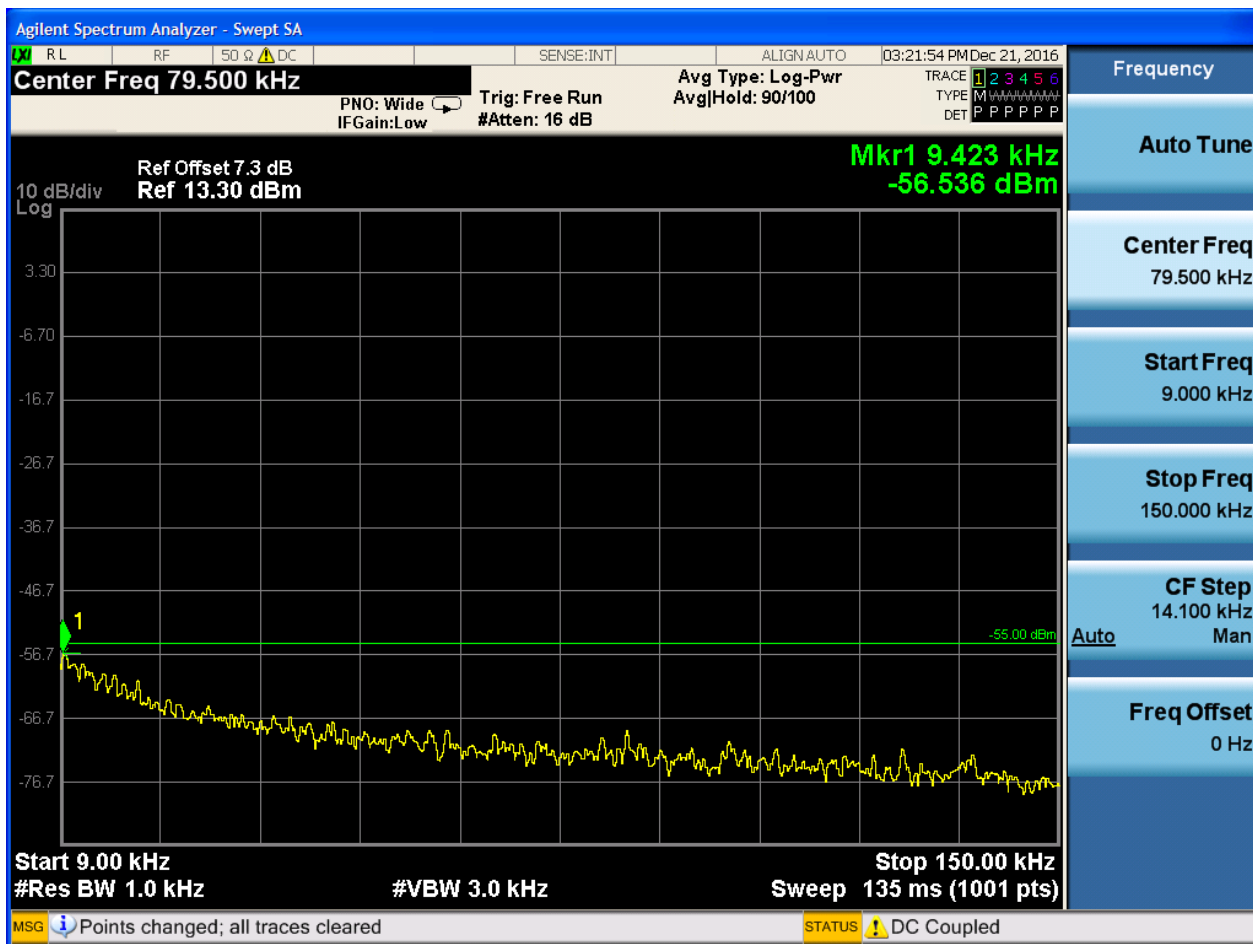


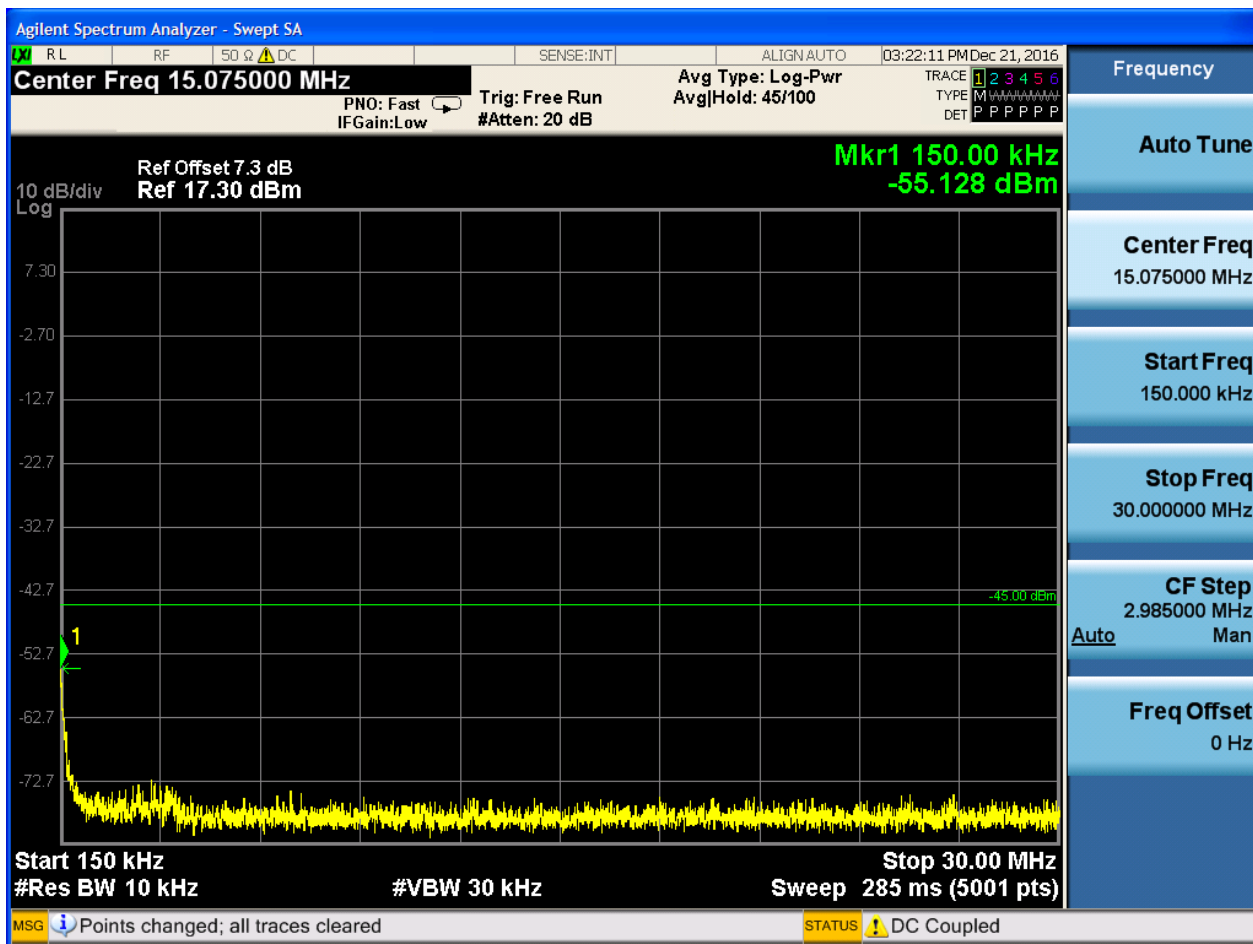




6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





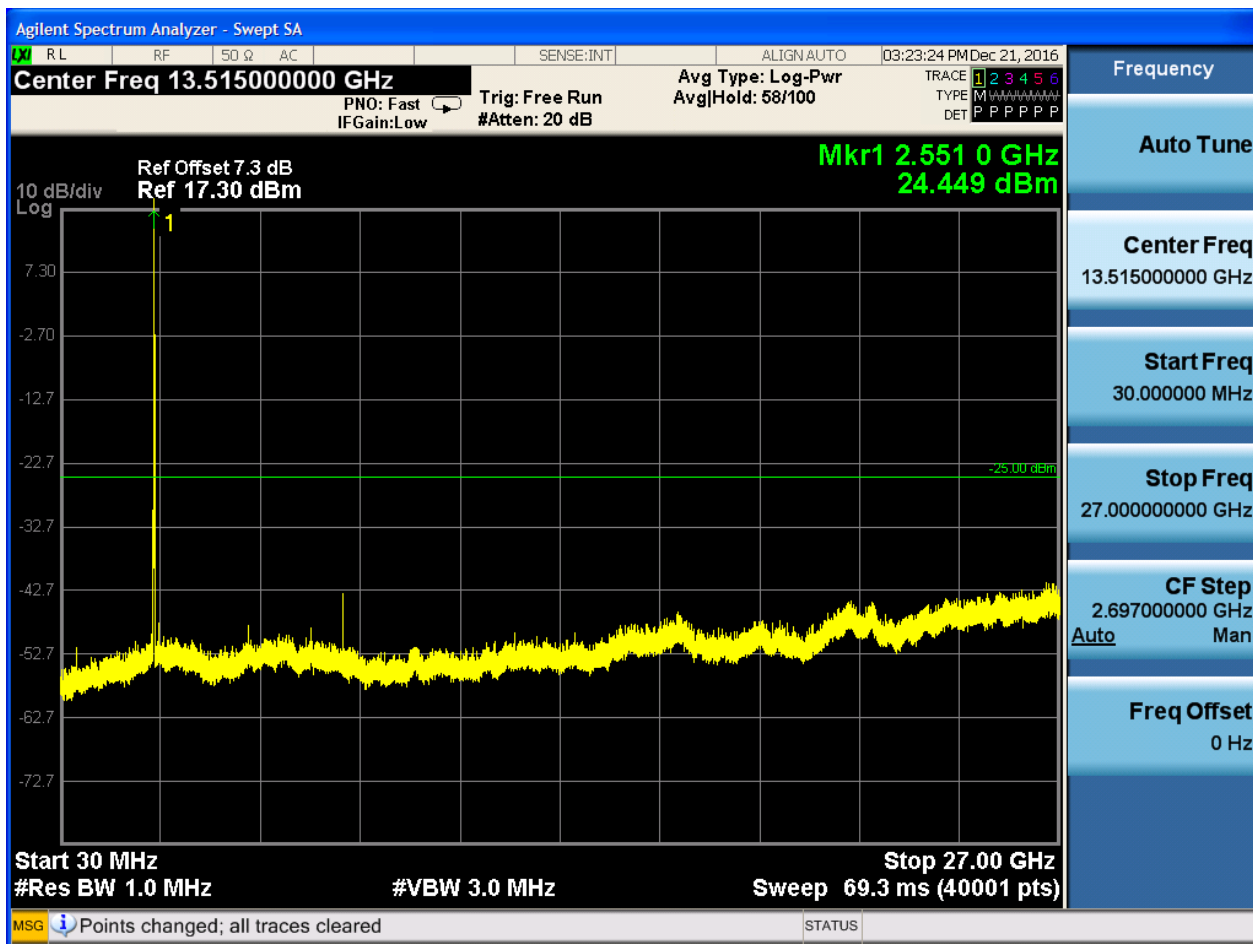


6.1.1.2.4.3 Test Channel = HCH

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

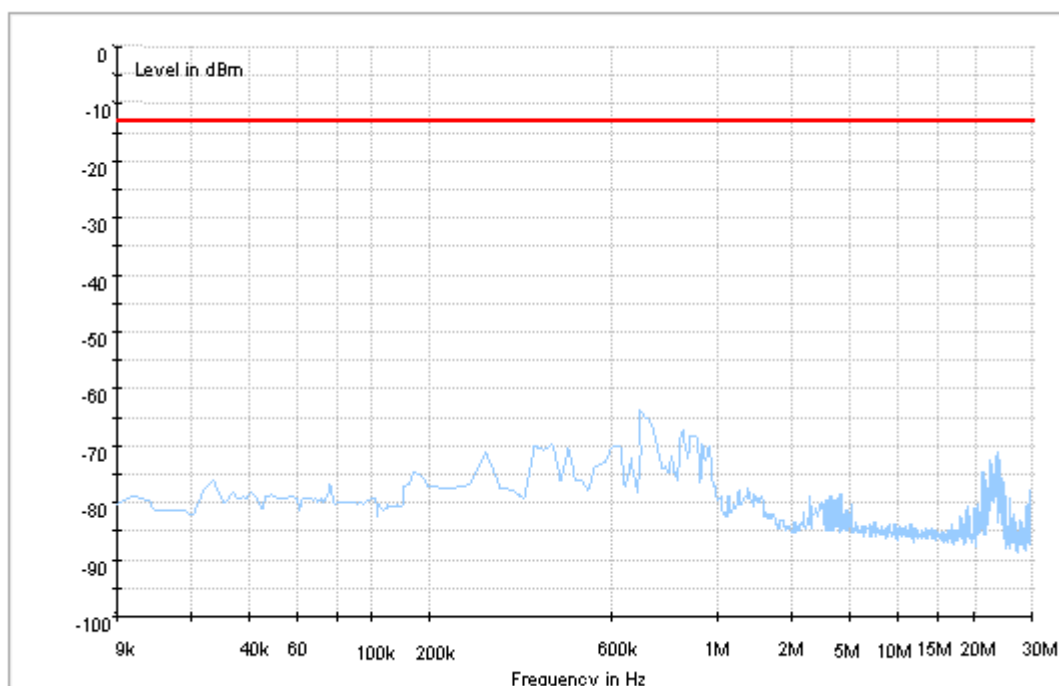
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

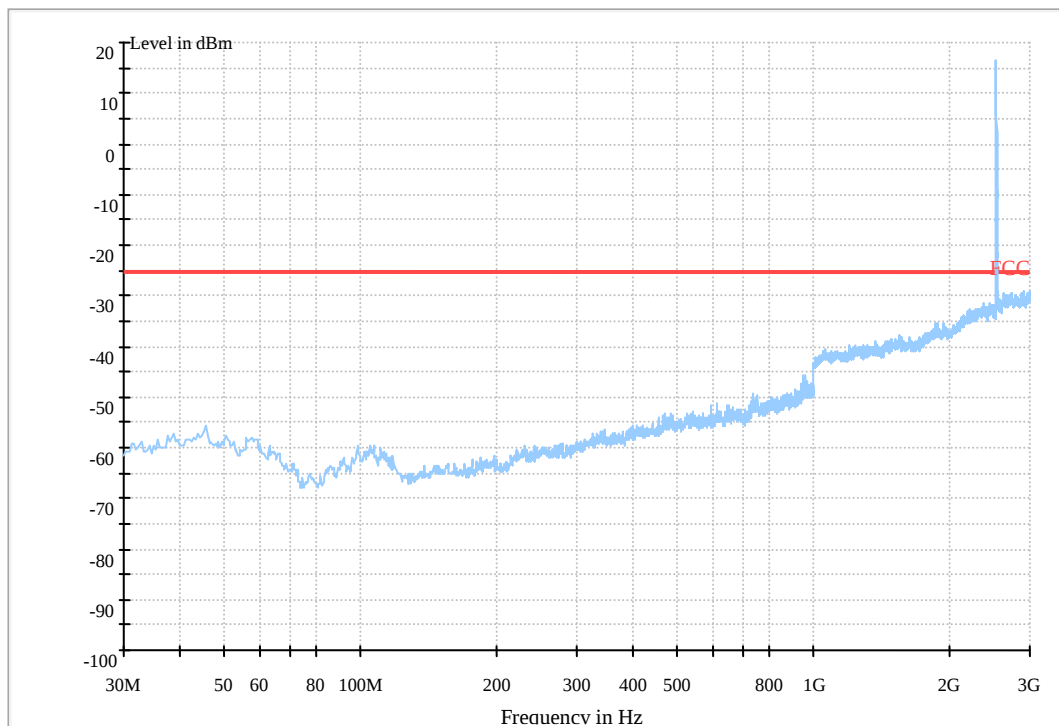
7.1 For LTE

7.1.1 Test Band = BAND7_Ant1

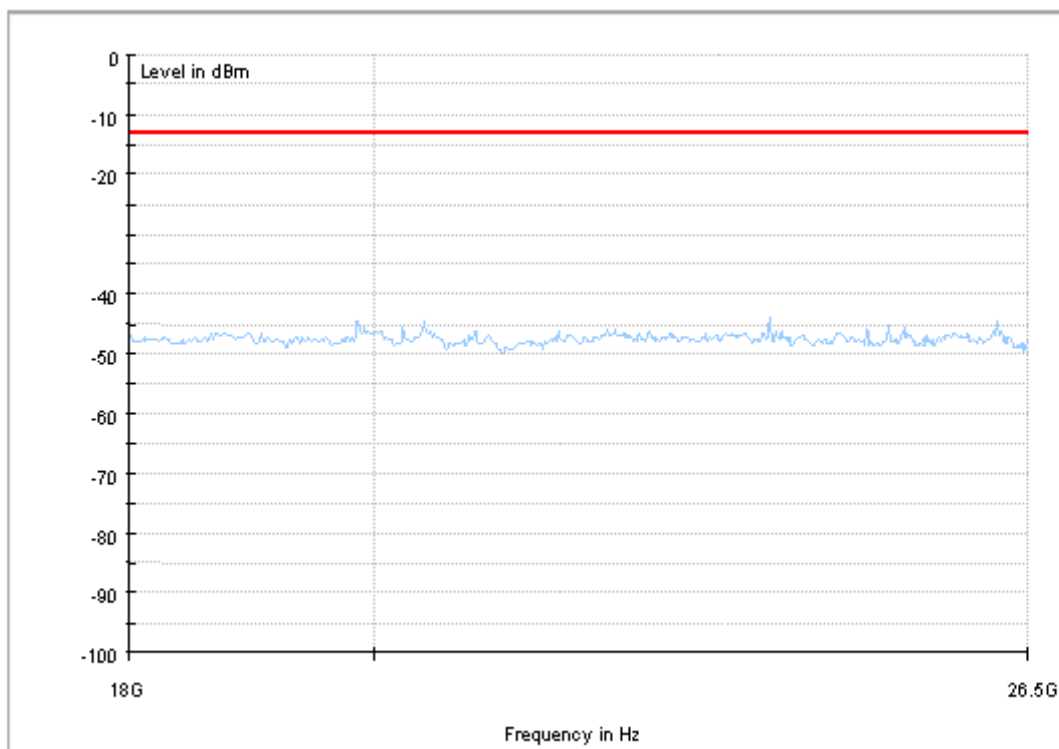
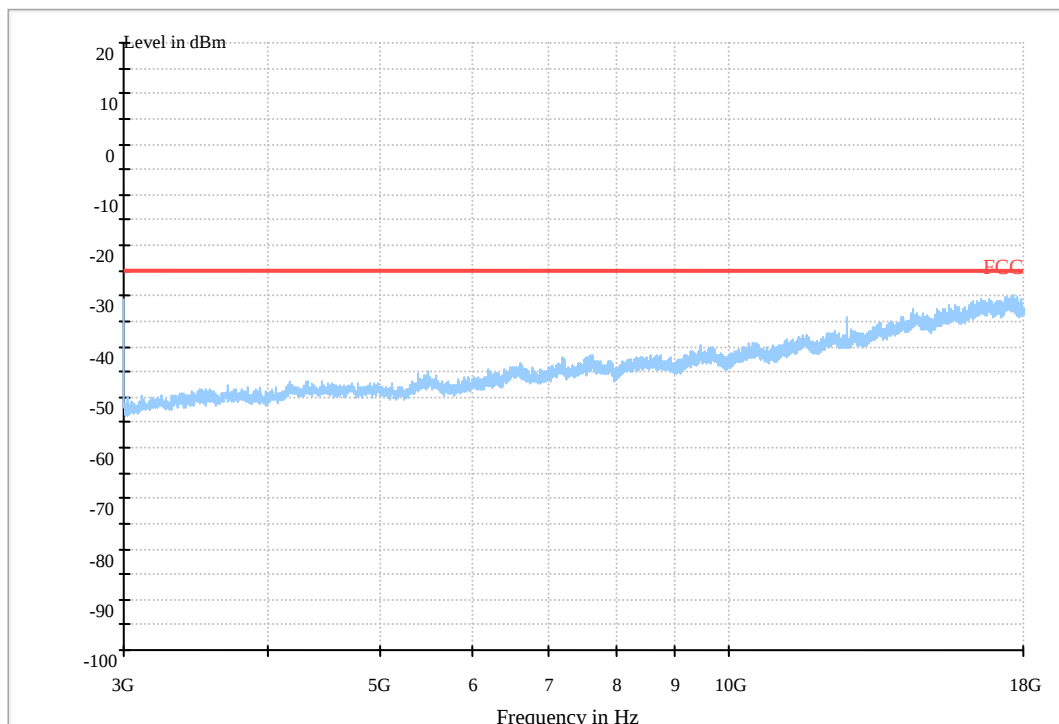
7.1.1.1 Test Bandwidth = 5



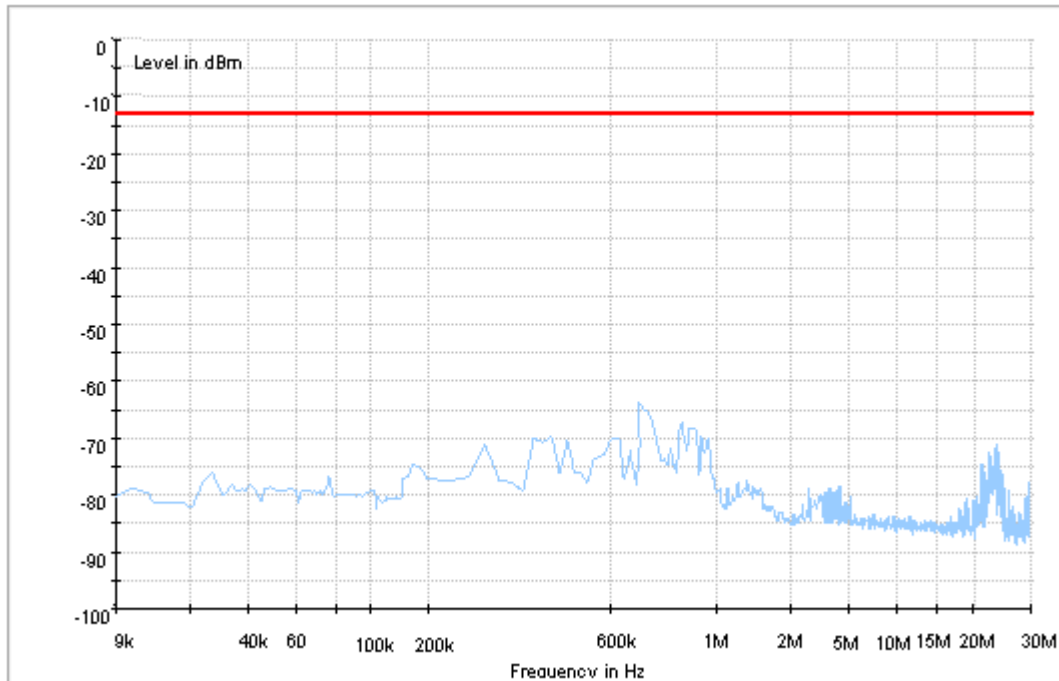
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



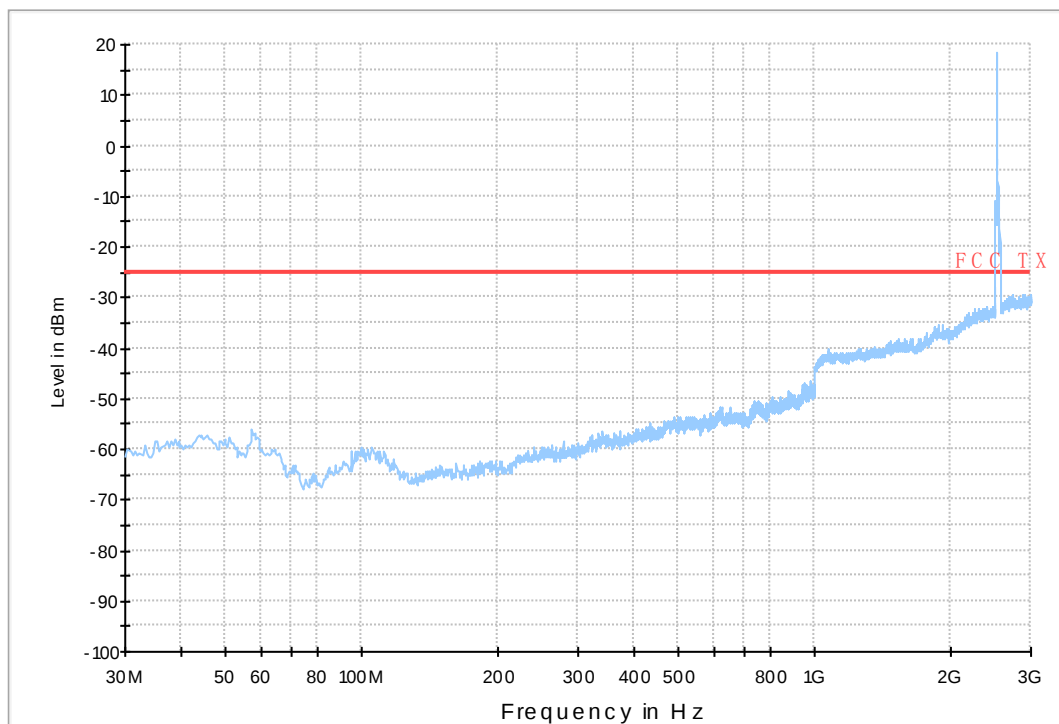
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



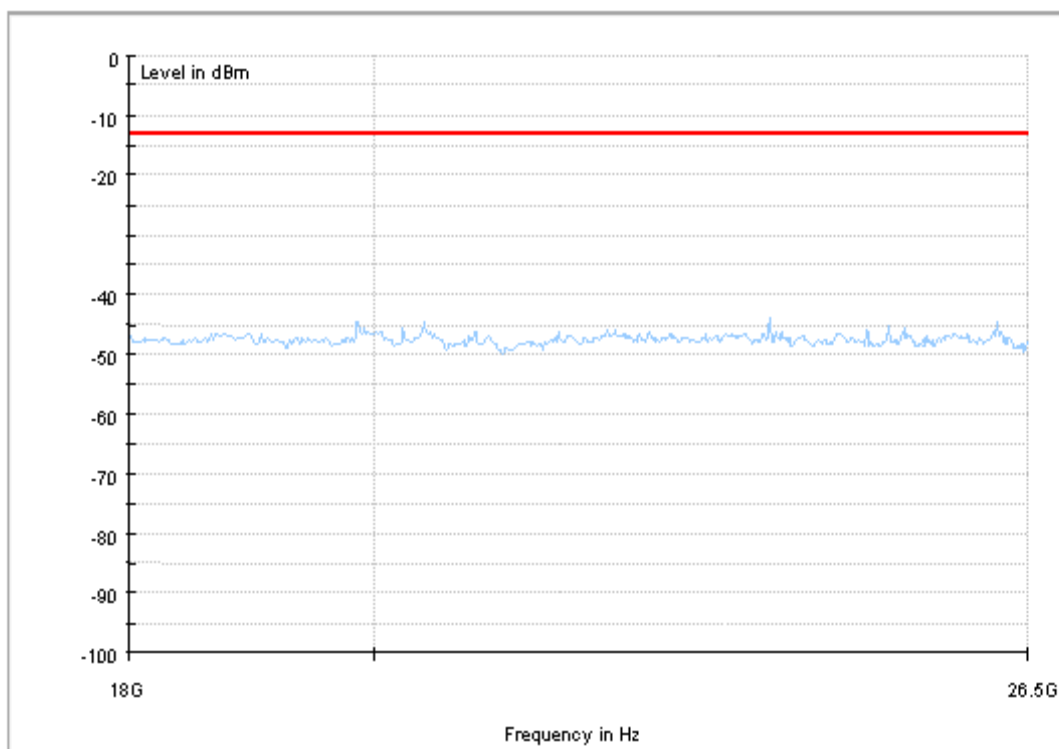
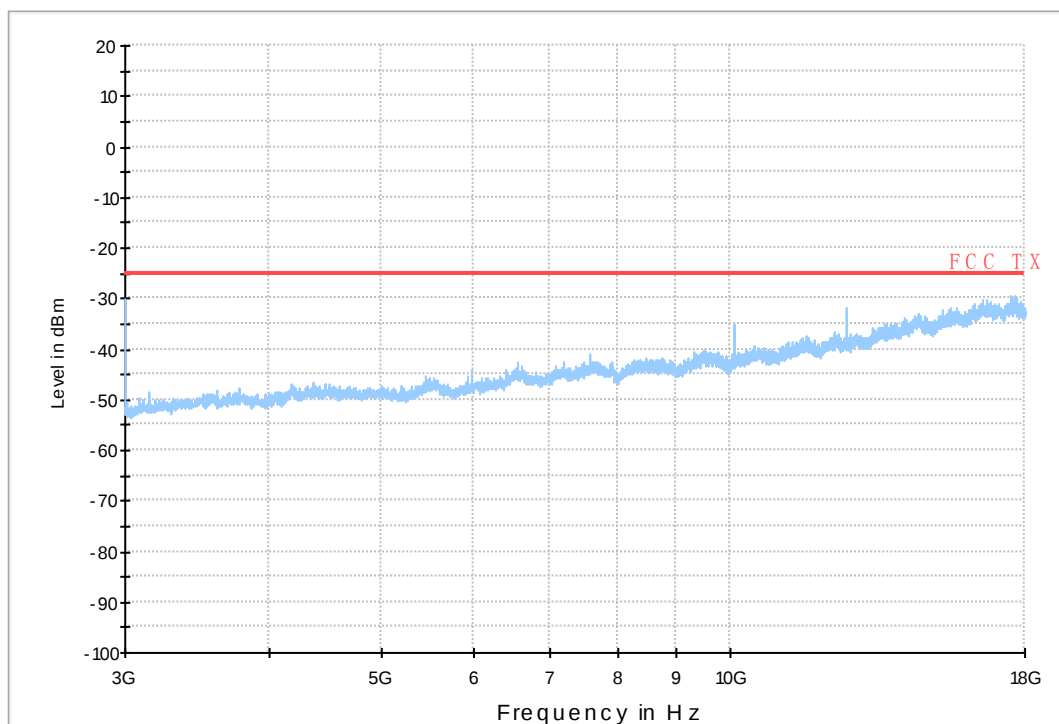
7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

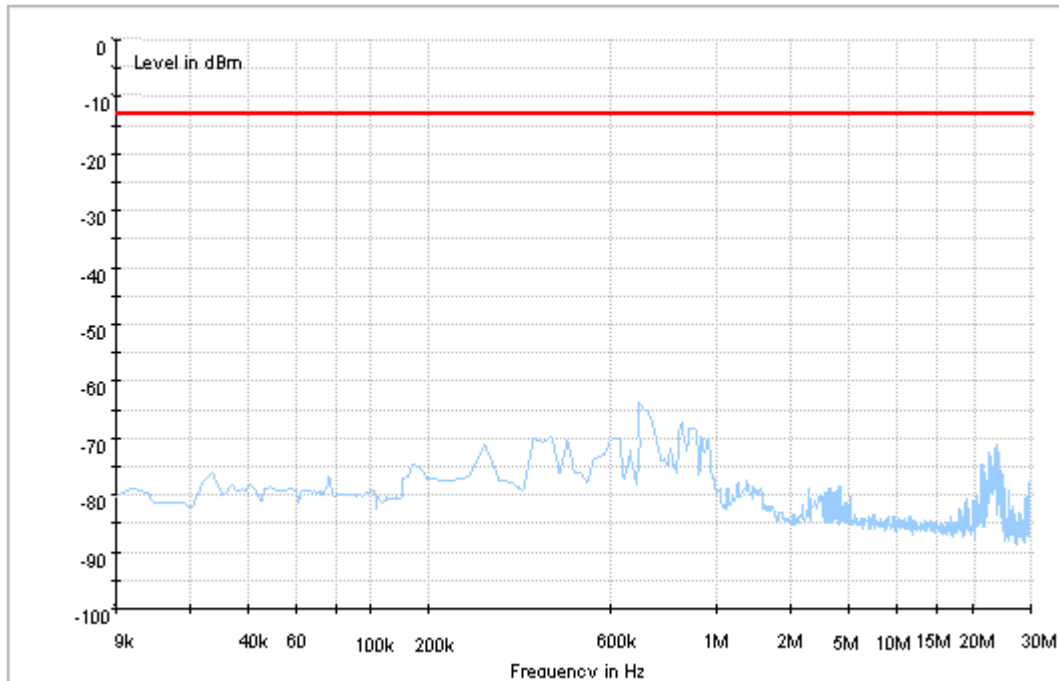


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

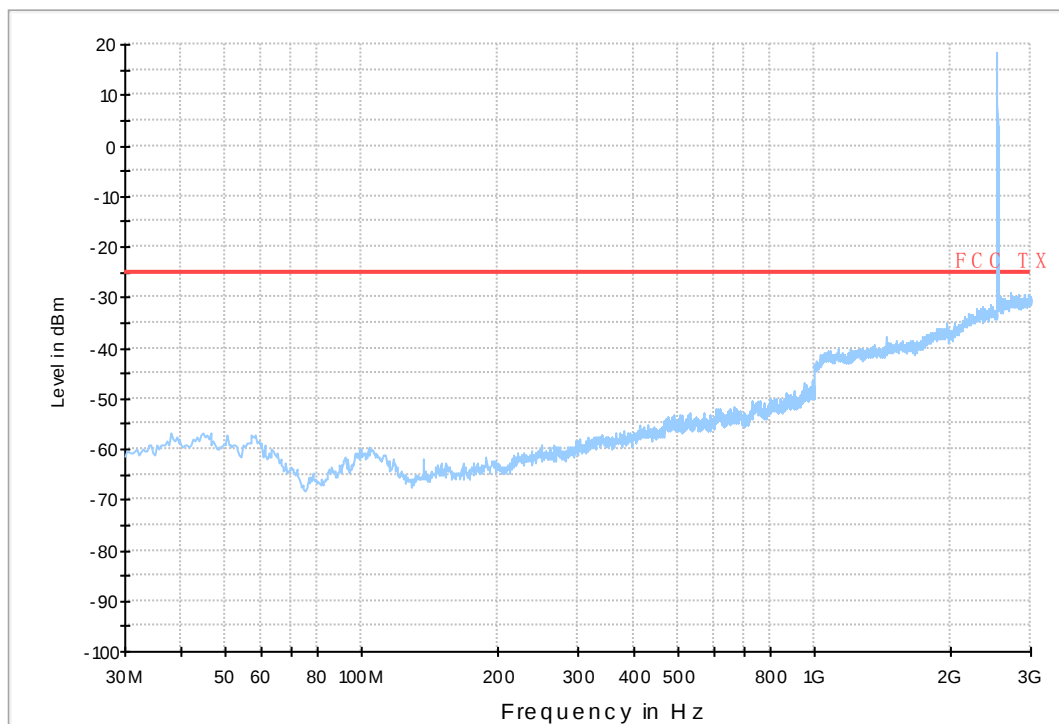


7.1.2 Test Band = BAND7_Ant2

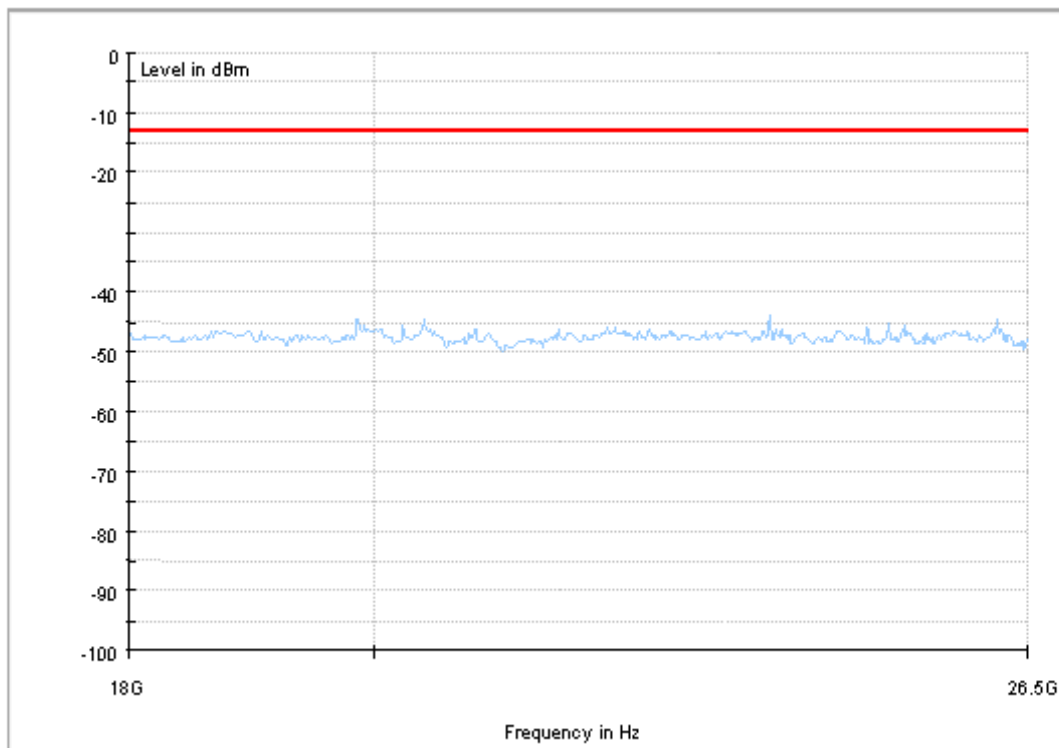
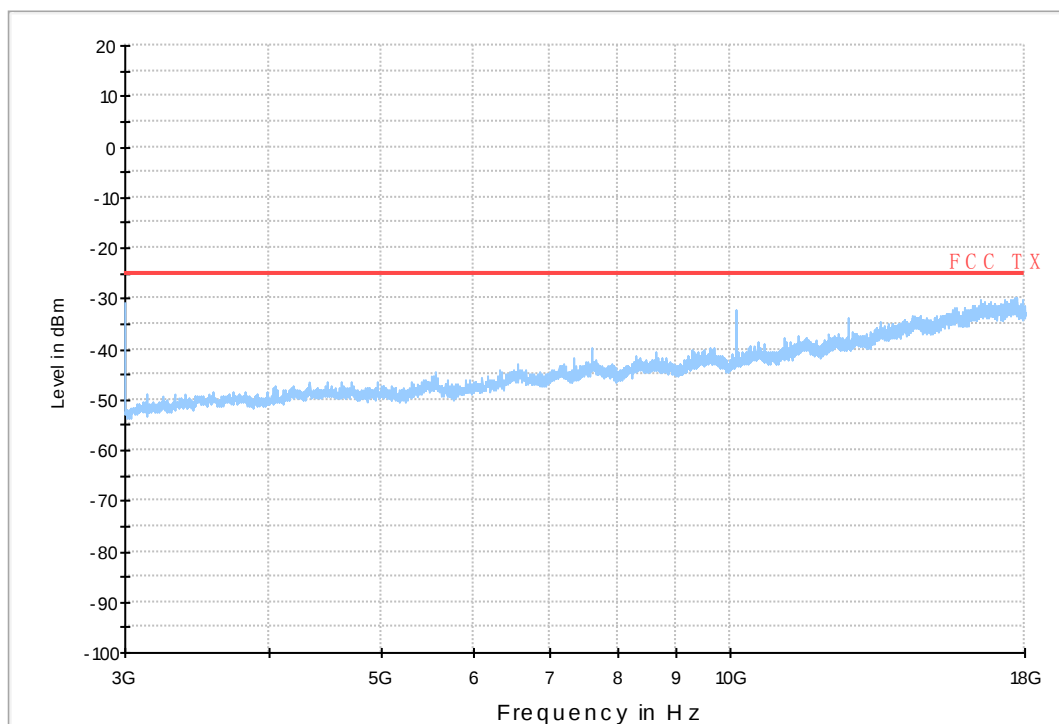
7.1.2.1 Test Bandwidth = 5



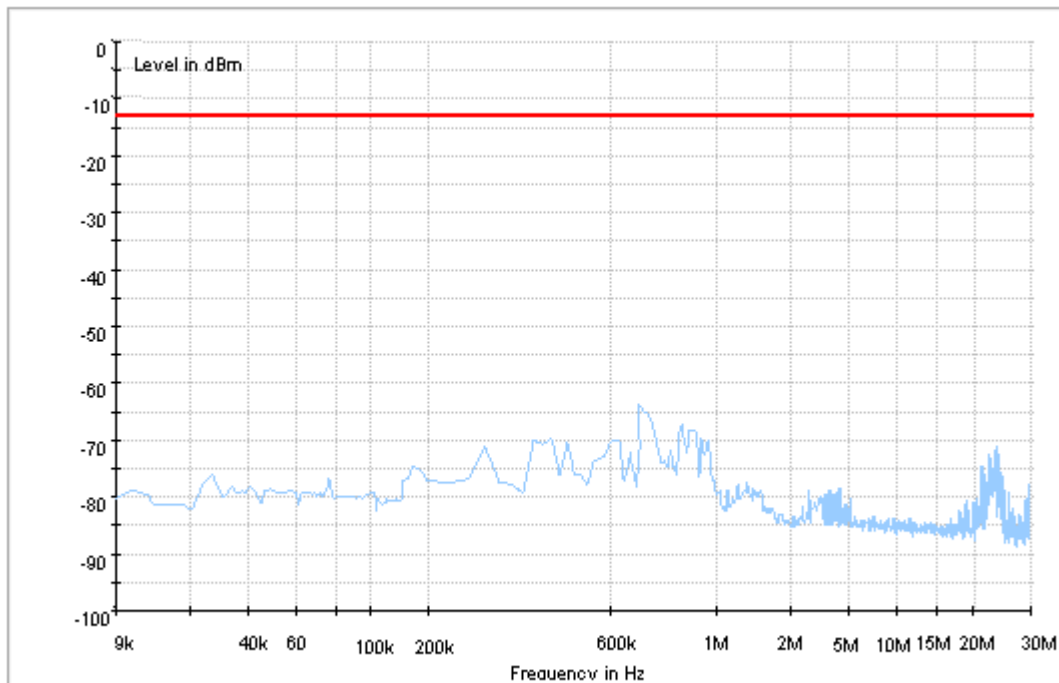
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



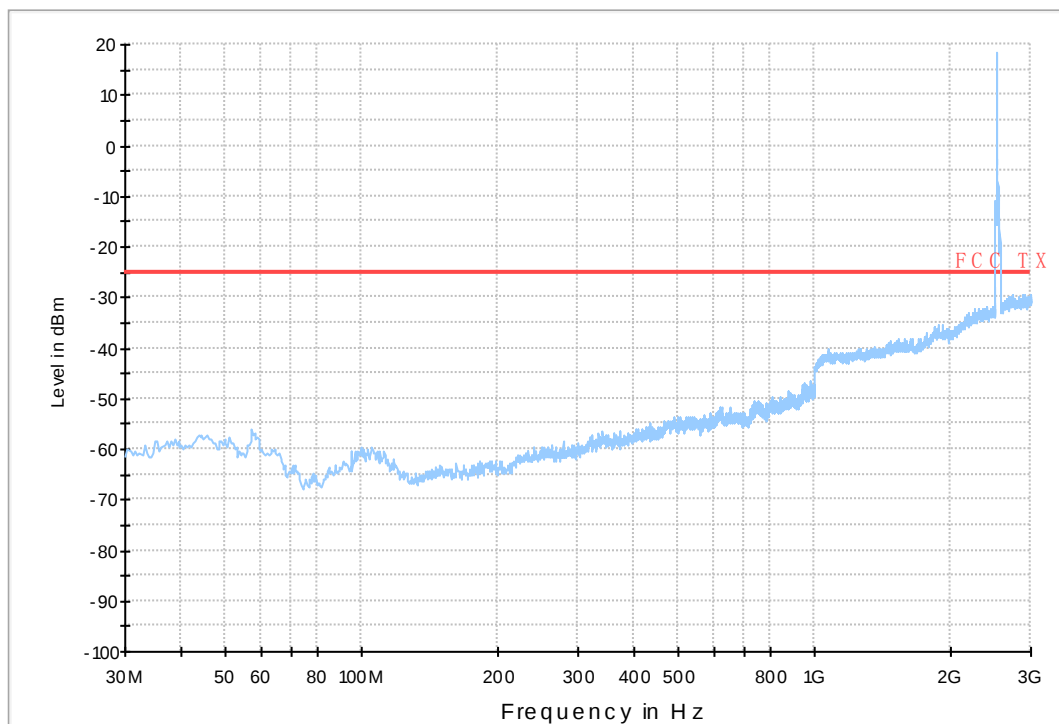
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



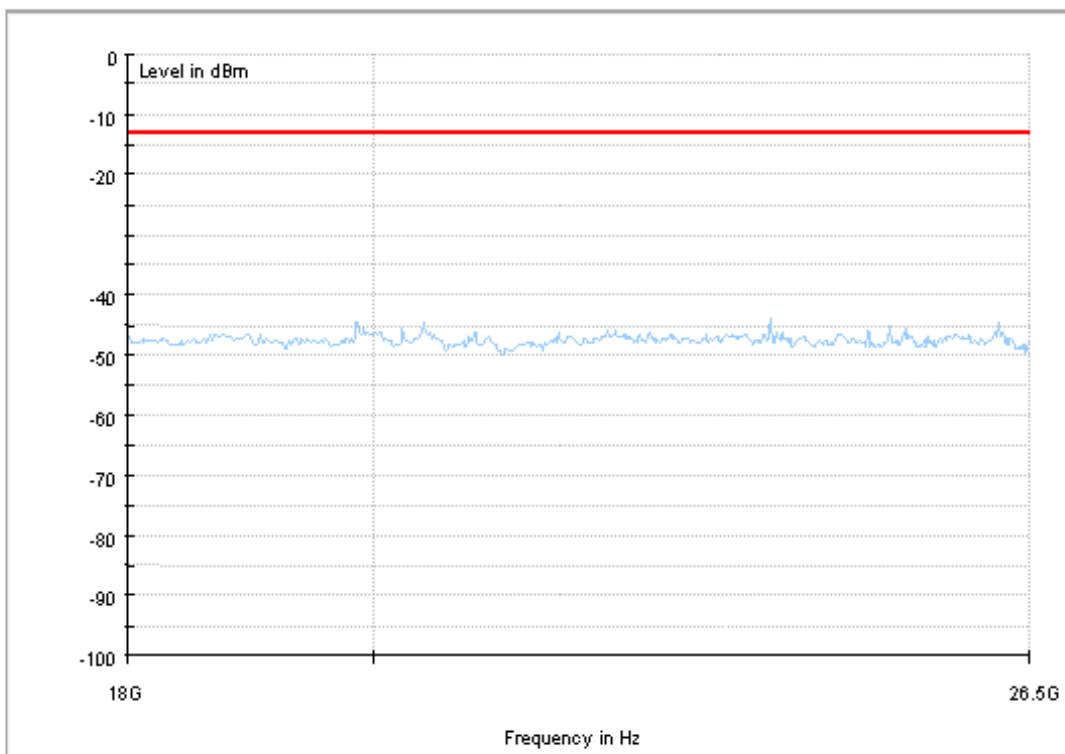
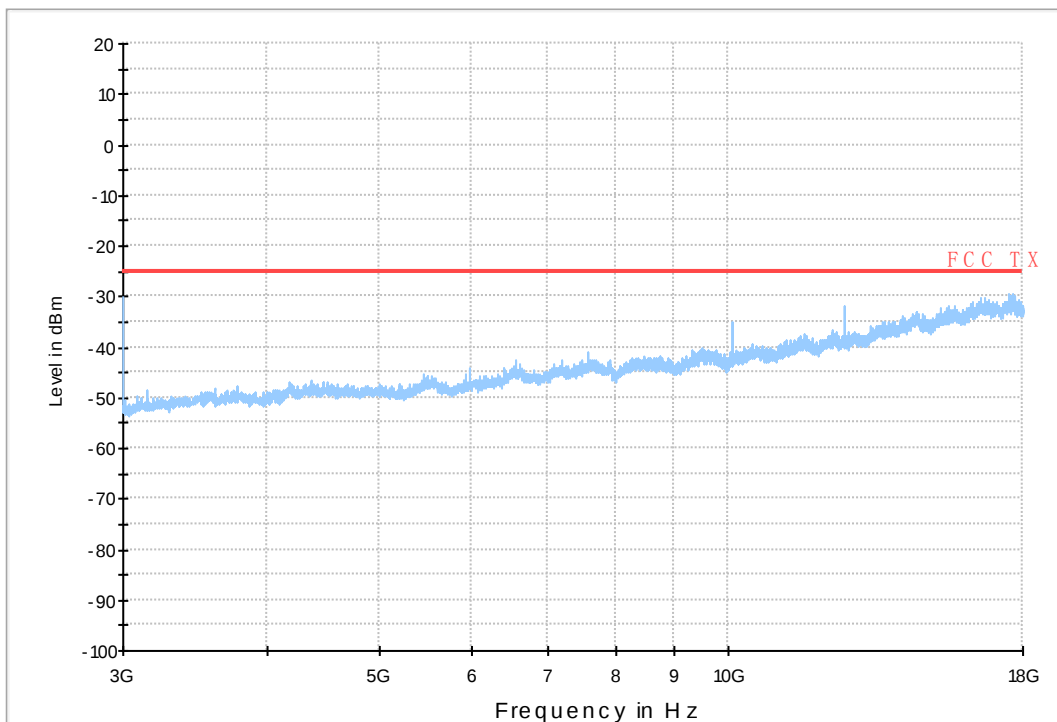
7.1.2.2 Test Bandwidth = 20



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

8.1.1 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	2.56	0.00102	PASS
					VN	1.43	0.00057	PASS
					VH	8.15	0.00326	PASS
			MCH	TN	VL	0.47	0.00019	PASS
					VN	0.77	0.0003	PASS
					VH	-3.69	-0.00146	PASS
			HCH	TN	VL	-1.19	-0.00046	PASS
					VN	-0.26	-0.0001	PASS
					VH	2.59	0.00101	PASS
		10	LCH	TN	VL	-5.34	-0.00213	PASS
					VN	-3.29	-0.00131	PASS
					VH	-0.79	-0.00032	PASS
			MCH	TN	VL	1.99	0.00079	PASS
					VN	-0.07	-0.00003	PASS
					VH	-0.37	-0.00015	PASS
			HCH	TN	VL	0.34	0.00013	PASS
					VN	2.73	0.00106	PASS
					VH	-0.39	-0.00015	PASS
		15	LCH	TN	VL	-3.22	-0.00128	PASS
					VN	-1.43	-0.00057	PASS
					VH	-3.79	-0.00151	PASS
			MCH	TN	VL	0.76	0.0003	PASS
					VN	-1.95	-0.00077	PASS
					VH	-2.27	-0.0009	PASS
			HCH	TN	VL	-4.12	-0.00161	PASS
					VN	-3.71	-0.00145	PASS
					VH	0.40	0.00016	PASS
		20	LCH	TN	VL	-5.66	-0.00225	PASS
					VN	-6.17	-0.00246	PASS
					VH	-1.20	-0.00048	PASS
			MCH	TN	VL	-4.28	-0.00169	PASS
					VN	-2.35	-0.00093	PASS
					VH	0.09	0.00004	PASS
			HCH	TN	VL	0.00	0	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	-0.62	-0.00024	PASS
					VH	-0.50	-0.0002	PASS
		5	LCH	TN	VL	-7.05	-0.00282	PASS
					VN	16.22	0.00648	PASS
					VH	7.57	0.00302	PASS
					VL	-2.15	-0.00085	PASS
			MCH	TN	VN	-0.83	-0.00033	PASS
					VH	-7.38	-0.00291	PASS
					VL	1.09	0.00042	PASS
					VN	2.88	0.00112	PASS
					VH	-0.92	-0.00036	PASS
			HCH	TN	VL	-1.16	-0.00046	PASS
					VN	-3.00	-0.0012	PASS
					VH	-1.67	-0.00067	PASS
		10	LCH	TN	VL	0.00	0	PASS
					VN	-1.59	-0.00063	PASS
					VH	2.05	0.00081	PASS
			MCH	TN	VL	-1.73	-0.00067	PASS
					VN	-1.07	-0.00042	PASS
					VH	-1.76	-0.00069	PASS
			HCH	TN	VL	-3.43	-0.00137	PASS
					VN	-3.92	-0.00156	PASS
					VH	-1.42	-0.00057	PASS
		15	LCH	TN	VL	0.59	0.00023	PASS
					VN	-2.29	-0.0009	PASS
					VH	0.64	0.00025	PASS
			MCH	TN	VL	-1.27	-0.0005	PASS
					VN	-2.06	-0.0008	PASS
					VH	-0.27	-0.00011	PASS
			HCH	TN	VL	-2.50	-0.001	PASS
					VN	-2.02	-0.0008	PASS
					VH	-5.28	-0.0021	PASS
		20	LCH	TN	VL	-0.34	-0.00013	PASS
					VN	-0.49	-0.00019	PASS
					VH	-1.26	-0.0005	PASS
			MCH	TN	VL	-0.23	-0.00009	PASS
					VN	-3.32	-0.0013	PASS
					VH	-1.49	-0.00058	PASS
			HCH	TN	VL	-0.23	-0.00009	PASS
					VN	-3.32	-0.0013	PASS
					VH	-1.49	-0.00058	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	-1.63	-0.00065	PASS
					-20	1.95	0.00078	PASS
					-10	0.39	0.00016	PASS
					0	-1.80	-0.00072	PASS
					10	-4.29	-0.00171	PASS
					20	-0.14	-0.00006	PASS
					30	-3.18	-0.00127	PASS
					40	-3.52	-0.00141	PASS
					50	0.53	0.00021	PASS
			MCH	VN	-30	-2.40	-0.00095	PASS
					-20	-2.53	-0.001	PASS
					-10	0.69	0.00027	PASS
					0	0.37	0.00015	PASS
					10	1.04	0.00041	PASS
					20	-2.42	-0.00095	PASS
					30	0.82	0.00032	PASS
					40	-5.01	-0.00198	PASS
					50	0.04	0.00002	PASS
			HCH	VN	-30	-0.07	-0.00003	PASS
					-20	-8.40	-0.00327	PASS
					-10	-2.68	-0.00104	PASS
					0	-3.00	-0.00117	PASS
					10	-1.40	-0.00055	PASS
					20	-5.74	-0.00224	PASS
					30	-5.11	-0.00199	PASS
					40	-3.02	-0.00118	PASS
					50	-6.78	-0.00264	PASS
		10	LCH	VN	-30	-1.36	-0.00054	PASS
					-20	-2.83	-0.00113	PASS
					-10	-0.96	-0.00038	PASS
					0	-4.91	-0.00196	PASS
					10	-1.40	-0.00056	PASS
					20	-0.84	-0.00034	PASS
					30	-0.07	-0.00003	PASS
					40	-6.55	-0.00261	PASS
					50	-0.97	-0.00039	PASS
			MCH	VN	-30	-0.07	-0.00003	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.56	0.00062	PASS
					-10	-2.86	-0.00113	PASS
					0	-2.55	-0.00101	PASS
					10	-3.46	-0.00136	PASS
					20	-3.23	-0.00127	PASS
					30	-0.11	-0.00004	PASS
					40	-0.89	-0.00035	PASS
					50	-3.16	-0.00125	PASS
			HCH	VN	-30	0.93	0.00036	PASS
					-20	0.03	0.00001	PASS
					-10	-0.27	-0.00011	PASS
					0	1.72	0.00067	PASS
					10	-1.03	-0.0004	PASS
					20	-4.41	-0.00172	PASS
					30	-1.43	-0.00056	PASS
					40	-2.82	-0.0011	PASS
					50	-2.12	-0.00083	PASS
		15	LCH	VN	-30	-6.21	-0.00248	PASS
					-20	-0.01	0	PASS
					-10	-3.20	-0.00128	PASS
					0	-0.70	-0.00028	PASS
					10	0.33	0.00013	PASS
					20	-1.04	-0.00041	PASS
					30	-0.94	-0.00037	PASS
					40	-2.00	-0.0008	PASS
					50	-3.91	-0.00156	PASS
			MCH	VN	-30	-4.62	-0.00182	PASS
					-20	-1.33	-0.00052	PASS
					-10	-1.04	-0.00041	PASS
					0	-1.77	-0.0007	PASS
					10	-2.63	-0.00104	PASS
					20	0.20	0.00008	PASS
					30	1.24	0.00049	PASS
					40	0.17	0.00007	PASS
					50	-1.49	-0.00059	PASS
			HCH	VN	-30	-1.70	-0.00066	PASS
					-20	-1.76	-0.00069	PASS
					-10	-3.58	-0.0014	PASS
					0	-3.92	-0.00153	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.19	0.00007	PASS
					20	-0.79	-0.00031	PASS
					30	-1.39	-0.00054	PASS
					40	-1.37	-0.00053	PASS
					50	-2.72	-0.00106	PASS
		20	LCH	VN	-30	-2.27	-0.0009	PASS
					-20	-0.89	-0.00035	PASS
					-10	-1.30	-0.00052	PASS
					0	-1.23	-0.00049	PASS
					10	-3.35	-0.00133	PASS
					20	-3.95	-0.00157	PASS
					30	-4.99	-0.00199	PASS
					40	-1.39	-0.00055	PASS
					50	-1.00	-0.0004	PASS
			MCH	VN	-30	-0.31	-0.00012	PASS
					-20	-1.14	-0.00045	PASS
					-10	-1.53	-0.0006	PASS
					0	-0.87	-0.00034	PASS
					10	-0.82	-0.00032	PASS
					20	-0.72	-0.00028	PASS
					30	-2.56	-0.00101	PASS
					40	-0.86	-0.00034	PASS
					50	0.47	0.00019	PASS
			HCH	VN	-30	-3.66	-0.00143	PASS
					-20	-1.65	-0.00064	PASS
					-10	1.67	0.00065	PASS
					0	-2.33	-0.00091	PASS
					10	-1.44	-0.00056	PASS
					20	-1.22	-0.00048	PASS
					30	0.51	0.0002	PASS
					40	-4.19	-0.00164	PASS
					50	-0.92	-0.00036	PASS
	LTE/TM2	5	LCH	VN	-30	-5.74	-0.00229	PASS
					-20	0.94	0.00038	PASS
					-10	-3.78	-0.00151	PASS
					0	-8.58	-0.00343	PASS
					10	2.79	0.00111	PASS
					20	-0.24	-0.0001	PASS
					30	3.96	0.00158	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.76	0.0011	PASS
					50	1.20	0.00048	PASS
			MCH	VN	-30	1.69	0.00067	PASS
					-20	0.94	0.00037	PASS
					-10	2.40	0.00095	PASS
					0	-3.48	-0.00137	PASS
					10	-1.89	-0.00075	PASS
					20	0.00	0	PASS
					30	-17.24	-0.0068	PASS
					40	0.06	0.00002	PASS
					50	3.75	0.00148	PASS
			HCH	VN	-30	-0.31	-0.00012	PASS
					-20	-4.03	-0.00157	PASS
					-10	-4.56	-0.00178	PASS
					0	-1.90	-0.00074	PASS
					10	-0.57	-0.00022	PASS
					20	-1.03	-0.0004	PASS
					30	-6.65	-0.00259	PASS
					40	-2.30	-0.0009	PASS
					50	-0.07	-0.00003	PASS
		10	LCH	VN	-30	-0.49	-0.0002	PASS
					-20	-2.98	-0.00119	PASS
					-10	-0.57	-0.00023	PASS
					0	0.59	0.00024	PASS
					10	-2.66	-0.00106	PASS
					20	-0.60	-0.00024	PASS
					30	-1.36	-0.00054	PASS
					40	3.33	0.00133	PASS
					50	0.44	0.00018	PASS
			MCH	VN	-30	-4.38	-0.00173	PASS
					-20	-3.76	-0.00148	PASS
					-10	3.30	0.0013	PASS
					0	-4.71	-0.00186	PASS
					10	-0.84	-0.00033	PASS
					20	0.80	0.00032	PASS
					30	0.82	0.00032	PASS
					40	1.53	0.0006	PASS
					50	-0.03	-0.00001	PASS
			HCH	VN	-30	1.52	0.00059	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.46	-0.00018	PASS
					-10	-0.27	-0.00011	PASS
					0	-2.36	-0.00092	PASS
					10	4.18	0.00163	PASS
					20	-3.08	-0.0012	PASS
					30	-0.40	-0.00016	PASS
					40	0.40	0.00016	PASS
					50	2.26	0.00088	PASS
		15	LCH	VN	-30	-1.57	-0.00063	PASS
					-20	-3.39	-0.00135	PASS
					-10	-1.77	-0.00071	PASS
					0	1.59	0.00063	PASS
					10	-4.85	-0.00193	PASS
					20	-3.13	-0.00125	PASS
					30	-1.96	-0.00078	PASS
					40	-3.53	-0.00141	PASS
					50	-1.09	-0.00043	PASS
			MCH	VN	-30	-4.55	-0.00179	PASS
					-20	-0.16	-0.00006	PASS
					-10	-0.97	-0.00038	PASS
					0	-2.69	-0.00106	PASS
					10	-4.43	-0.00175	PASS
					20	-1.47	-0.00058	PASS
					30	-1.80	-0.00071	PASS
					40	-2.95	-0.00116	PASS
					50	-0.87	-0.00034	PASS
			HCH	VN	-30	-1.39	-0.00054	PASS
					-20	-2.53	-0.00099	PASS
					-10	-0.73	-0.00028	PASS
					0	-1.33	-0.00052	PASS
					10	-2.80	-0.00109	PASS
					20	-1.47	-0.00057	PASS
					30	-1.79	-0.0007	PASS
					40	-1.30	-0.00051	PASS
					50	-2.90	-0.00113	PASS
		20	LCH	VN	-30	-2.25	-0.0009	PASS
					-20	-3.50	-0.00139	PASS
					-10	-0.29	-0.00012	PASS
					0	-2.68	-0.00107	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.69	-0.00067	PASS
					20	-2.92	-0.00116	PASS
					30	-4.89	-0.00195	PASS
					40	-2.03	-0.00081	PASS
					50	0.01	0	PASS
			MCH	VN	-30	-3.95	-0.00156	PASS
					-20	0.00	0	PASS
					-10	-3.91	-0.00154	PASS
					0	-3.68	-0.00145	PASS
					10	-2.32	-0.00092	PASS
					20	-0.93	-0.00037	PASS
					30	-1.24	-0.00049	PASS
					40	0.34	0.00013	PASS
					50	-1.39	-0.00055	PASS
			HCH	VN	-30	0.19	0.00007	PASS
					-20	-2.72	-0.00106	PASS
					-10	0.41	0.00016	PASS
					0	-1.92	-0.00075	PASS
					10	0.13	0.00005	PASS
					20	-1.99	-0.00078	PASS
					30	-0.77	-0.0003	PASS
					40	2.29	0.00089	PASS
					50	0.44	0.00017	PASS

END