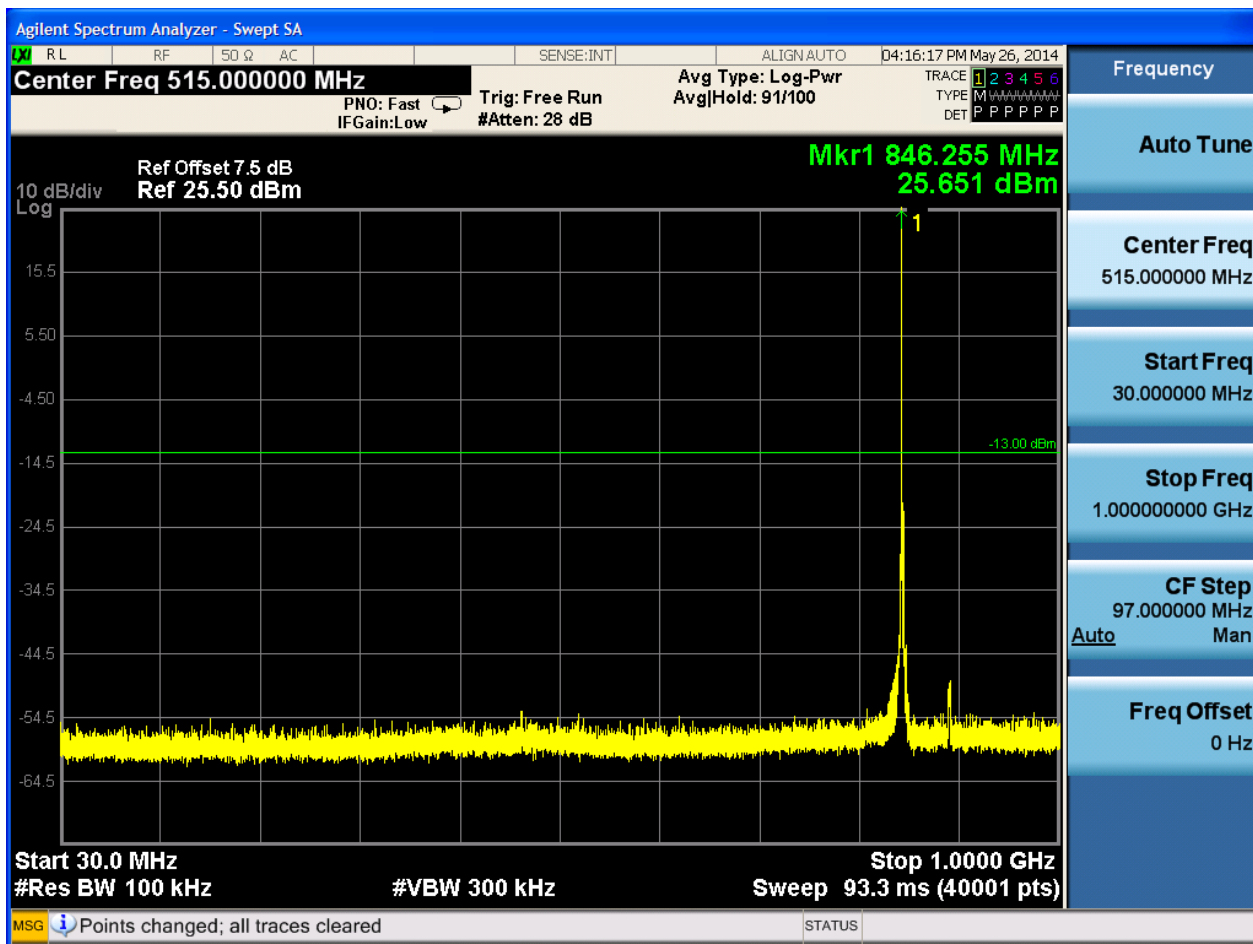
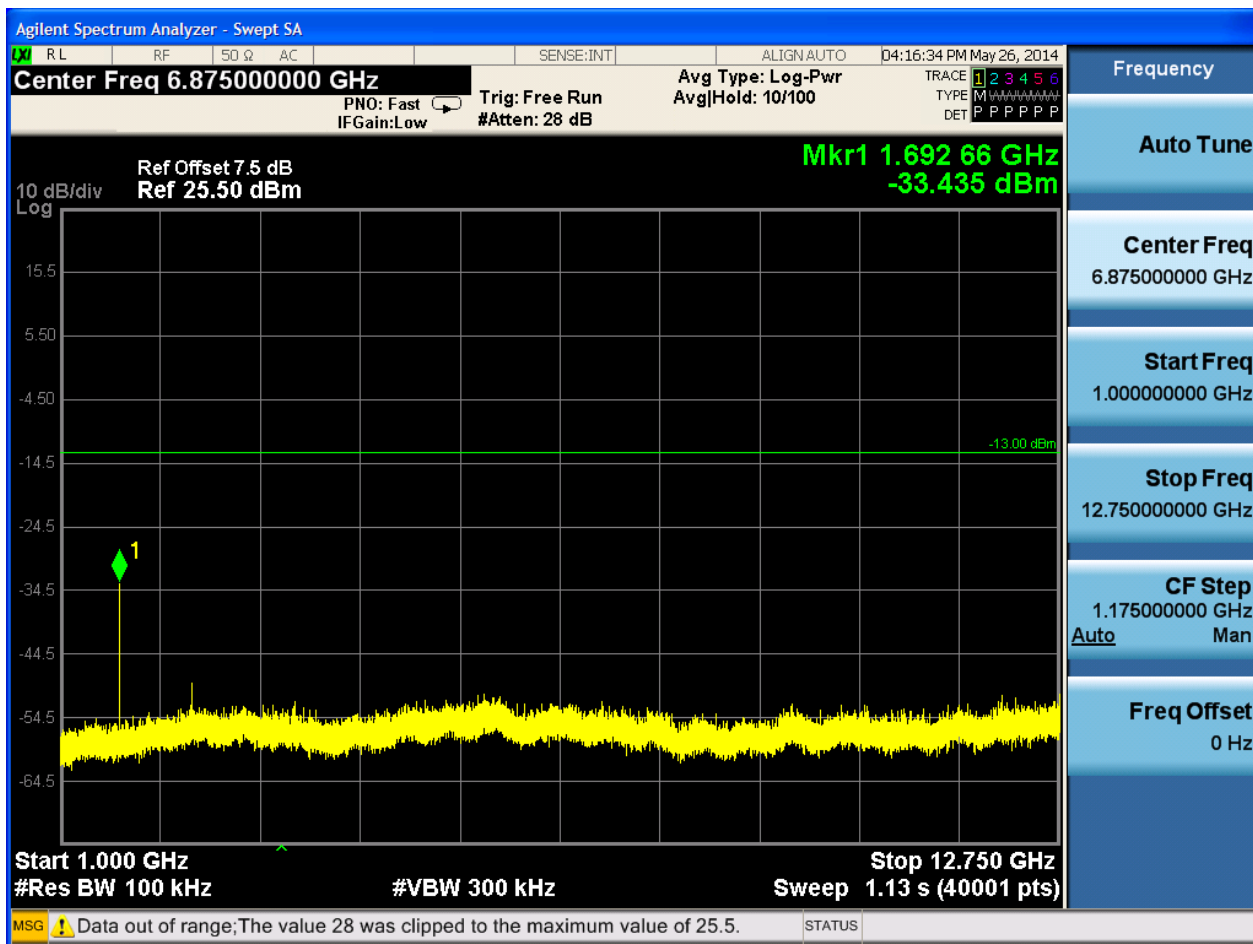




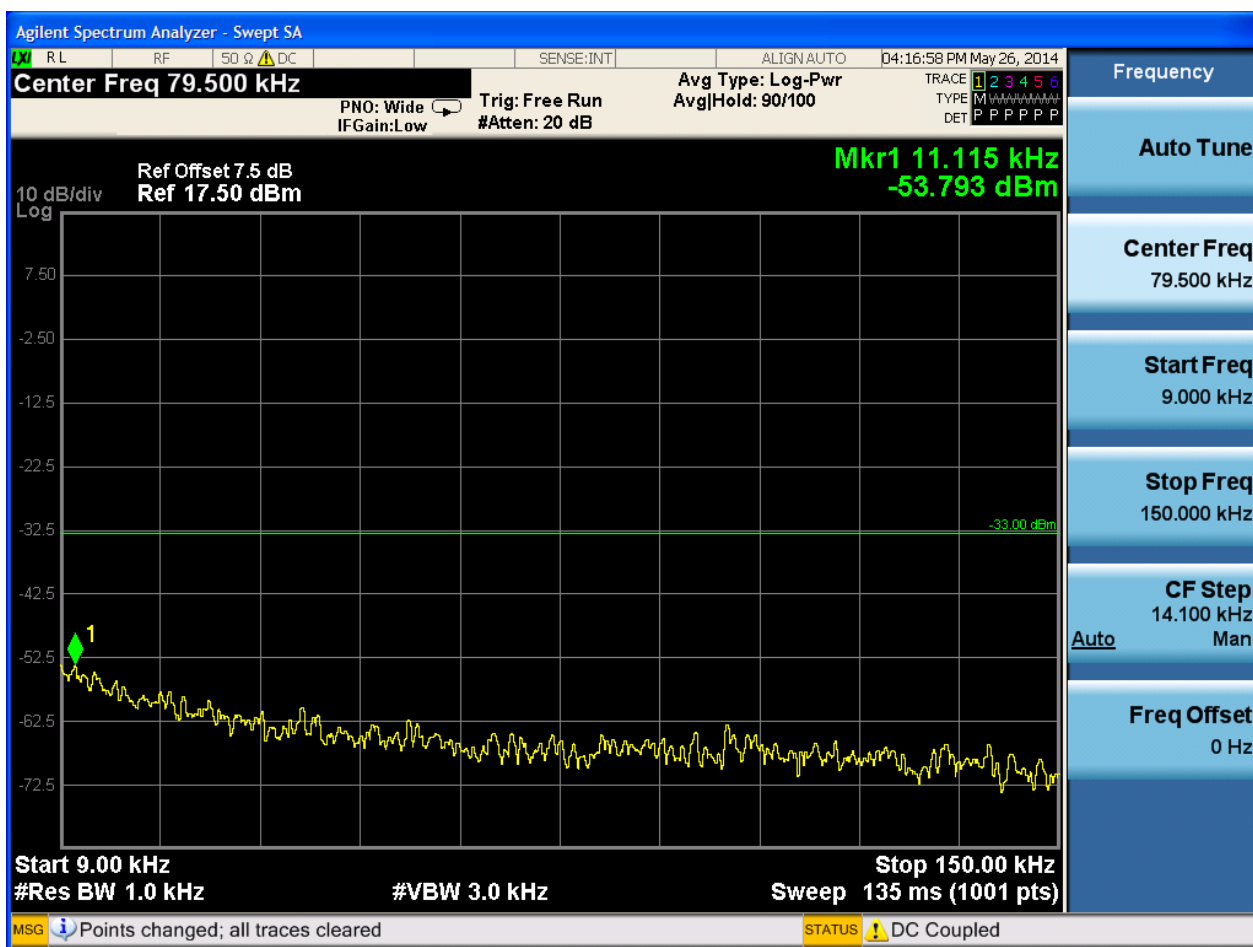


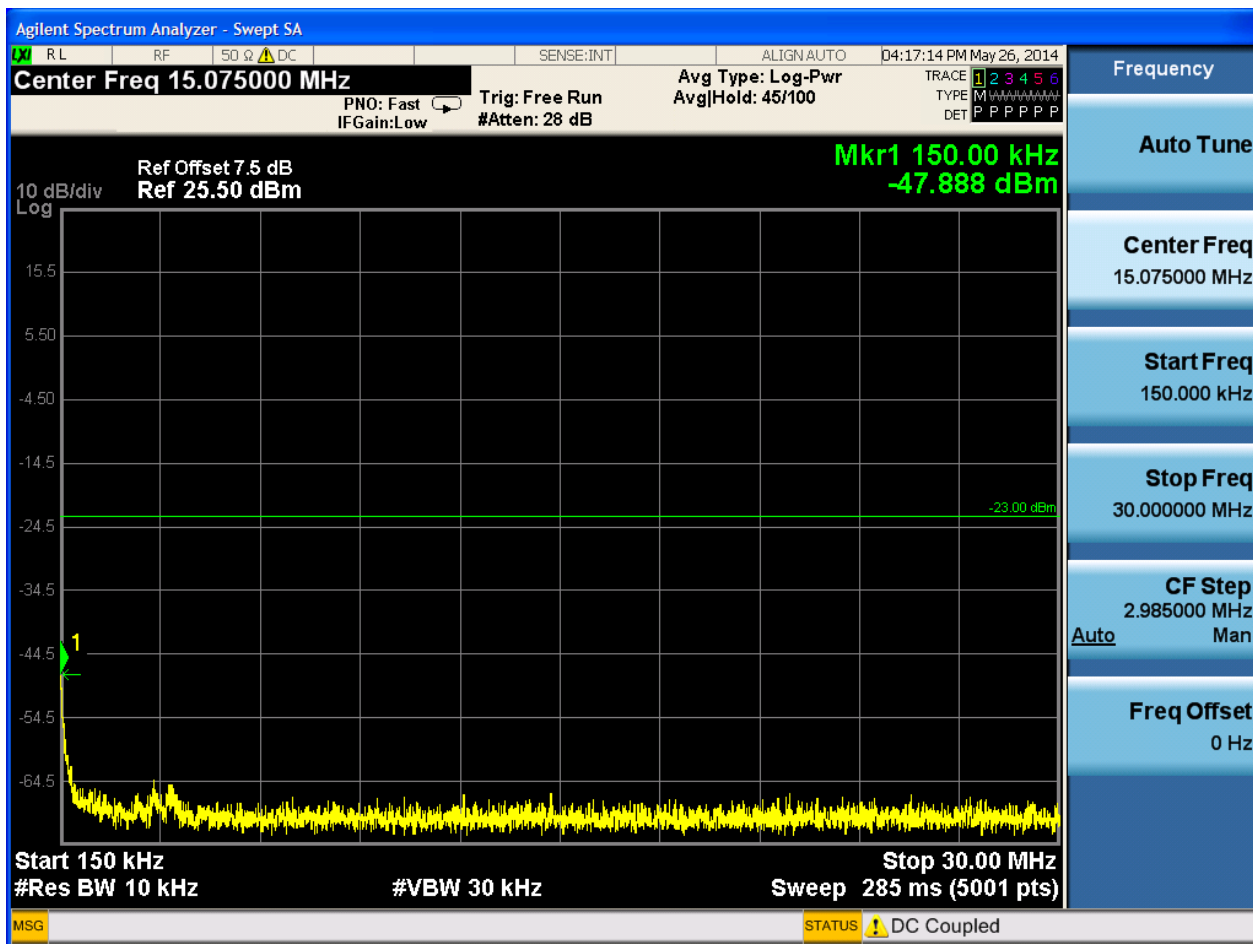


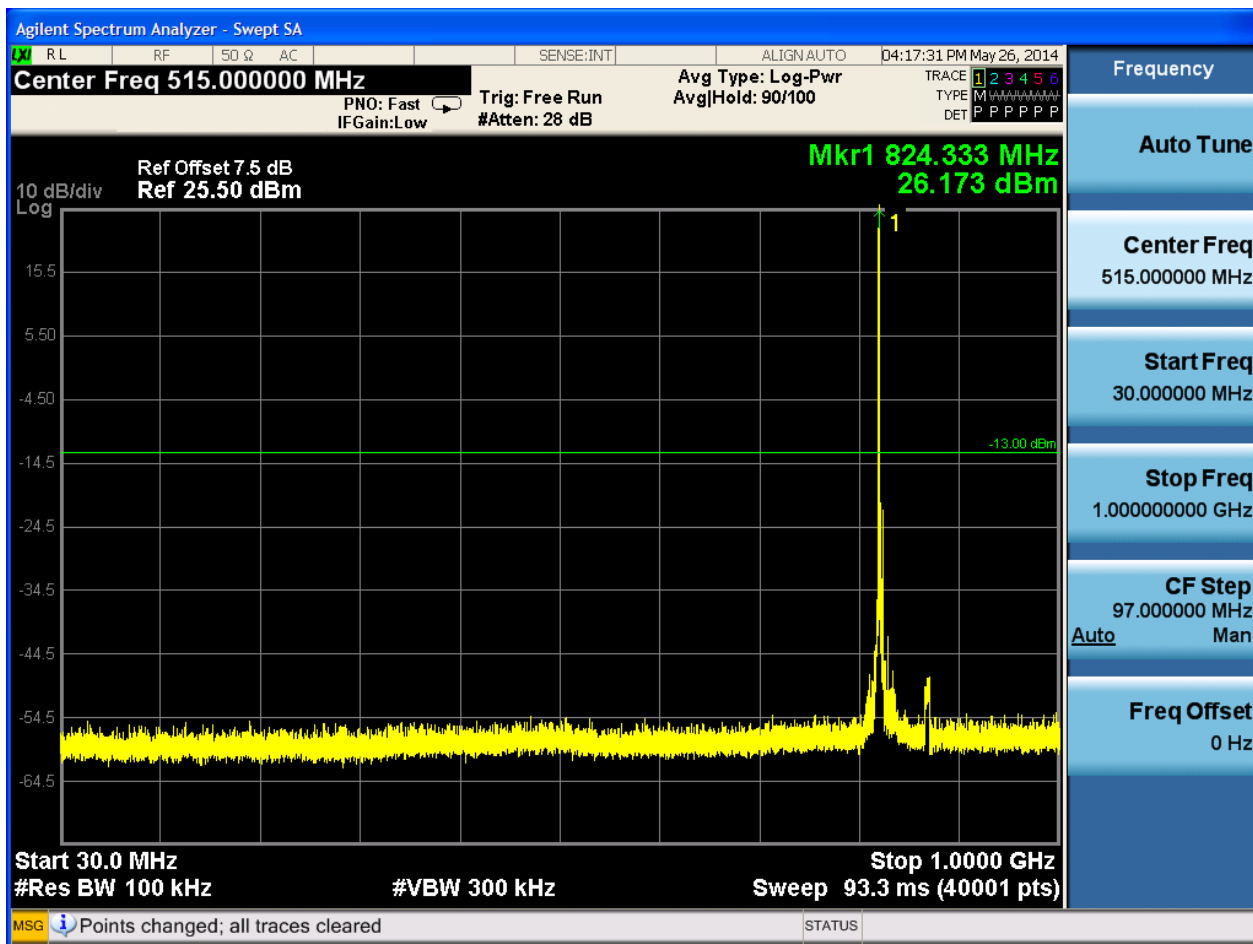
5.1.1.2.3 Test Bandwidth = 5

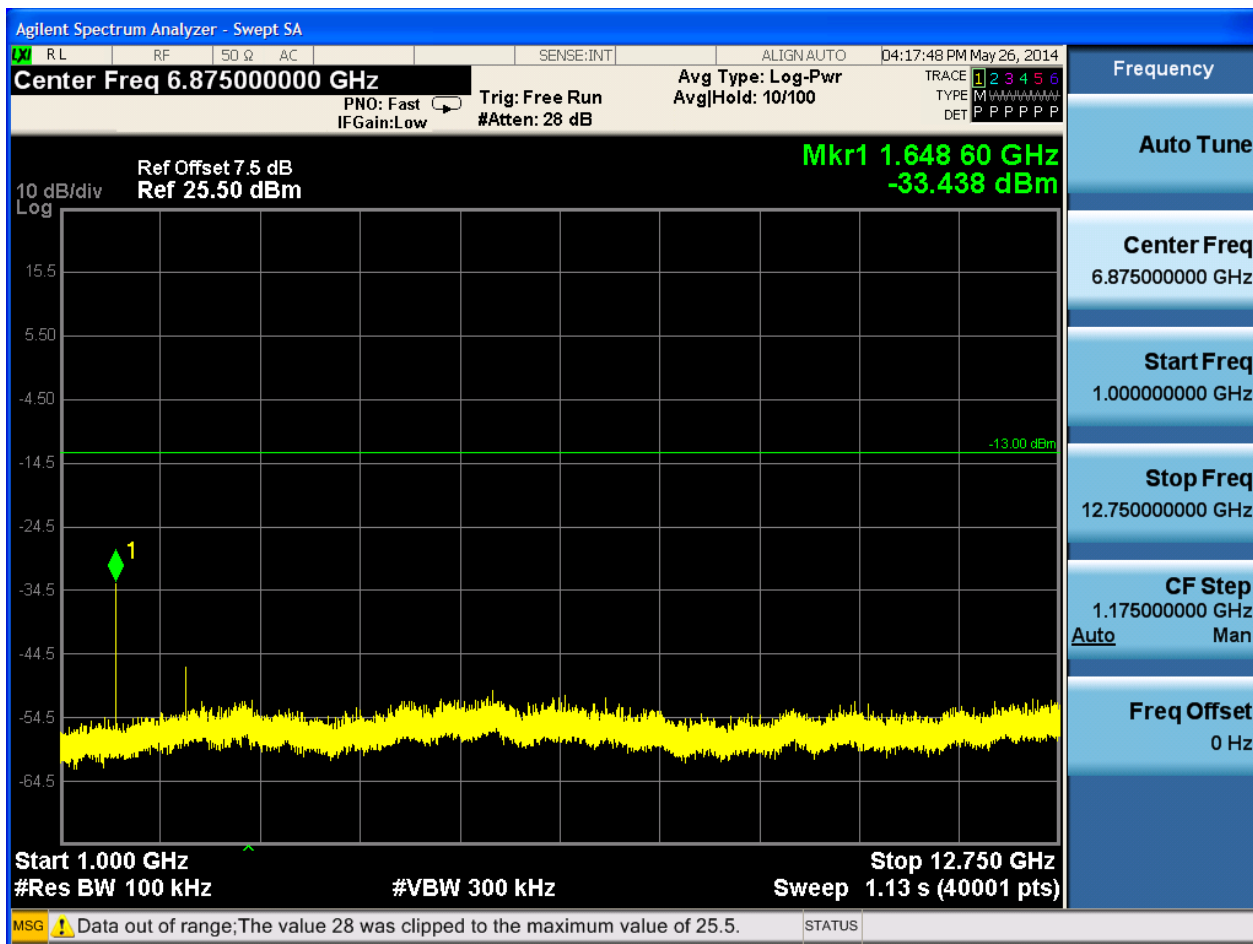
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





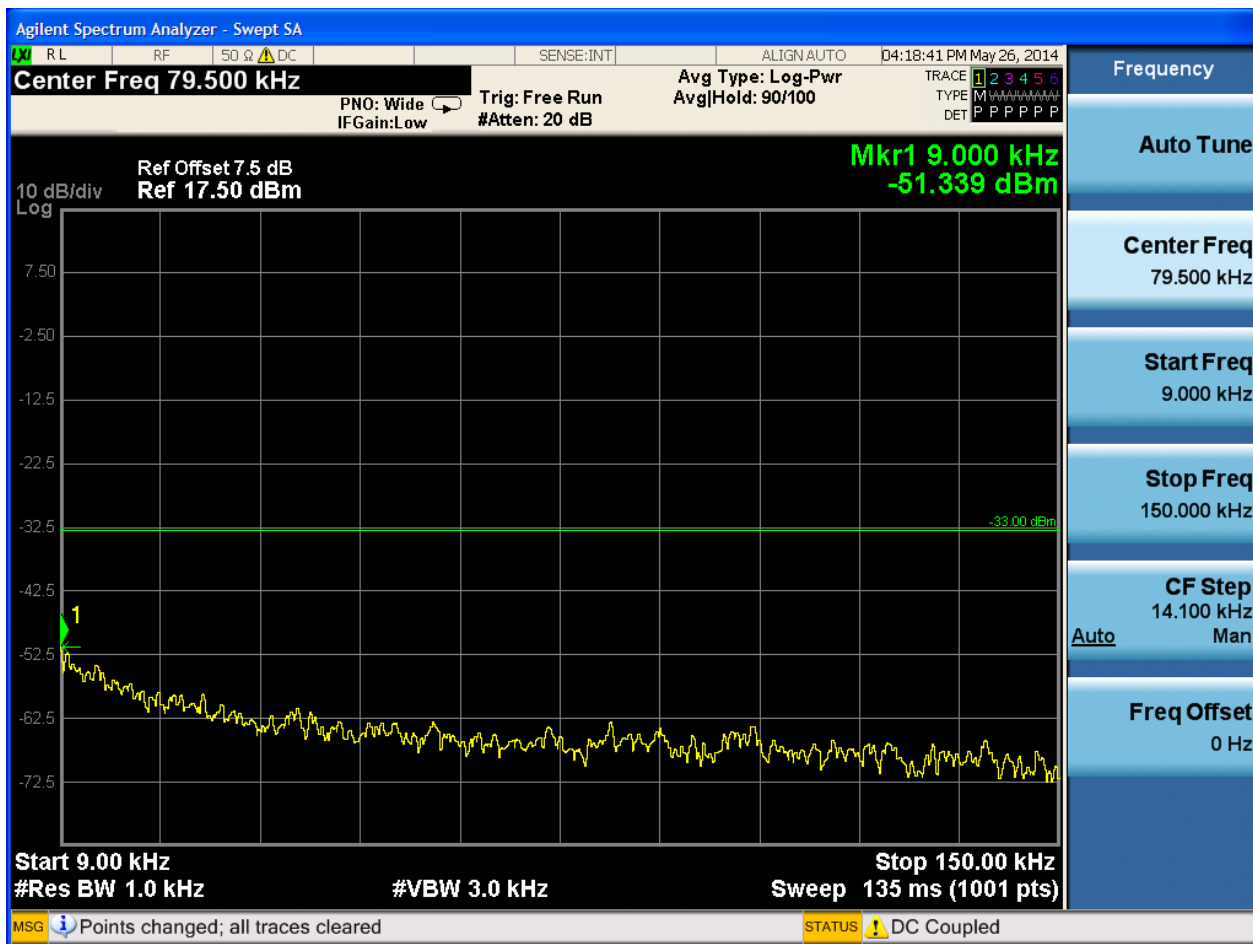


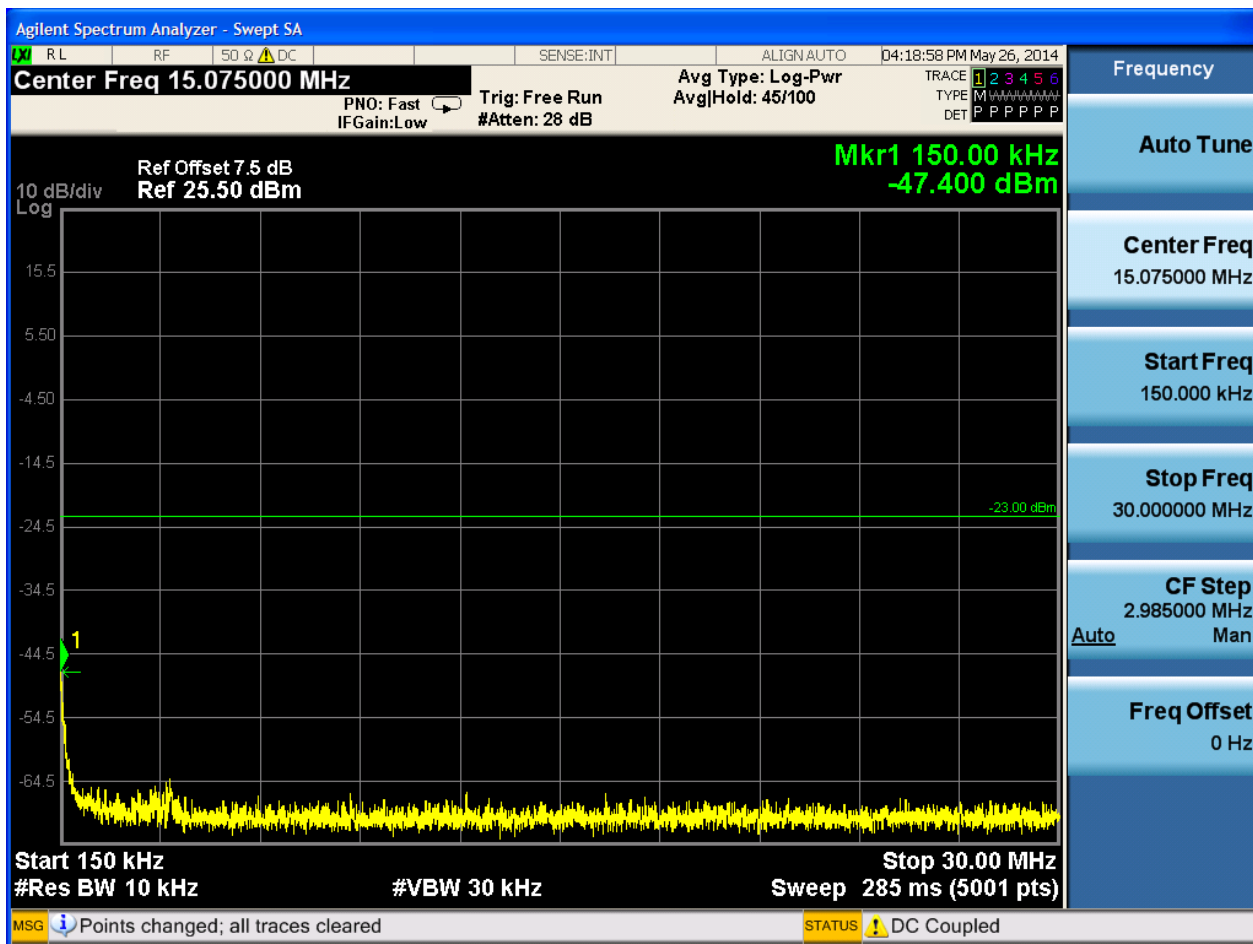


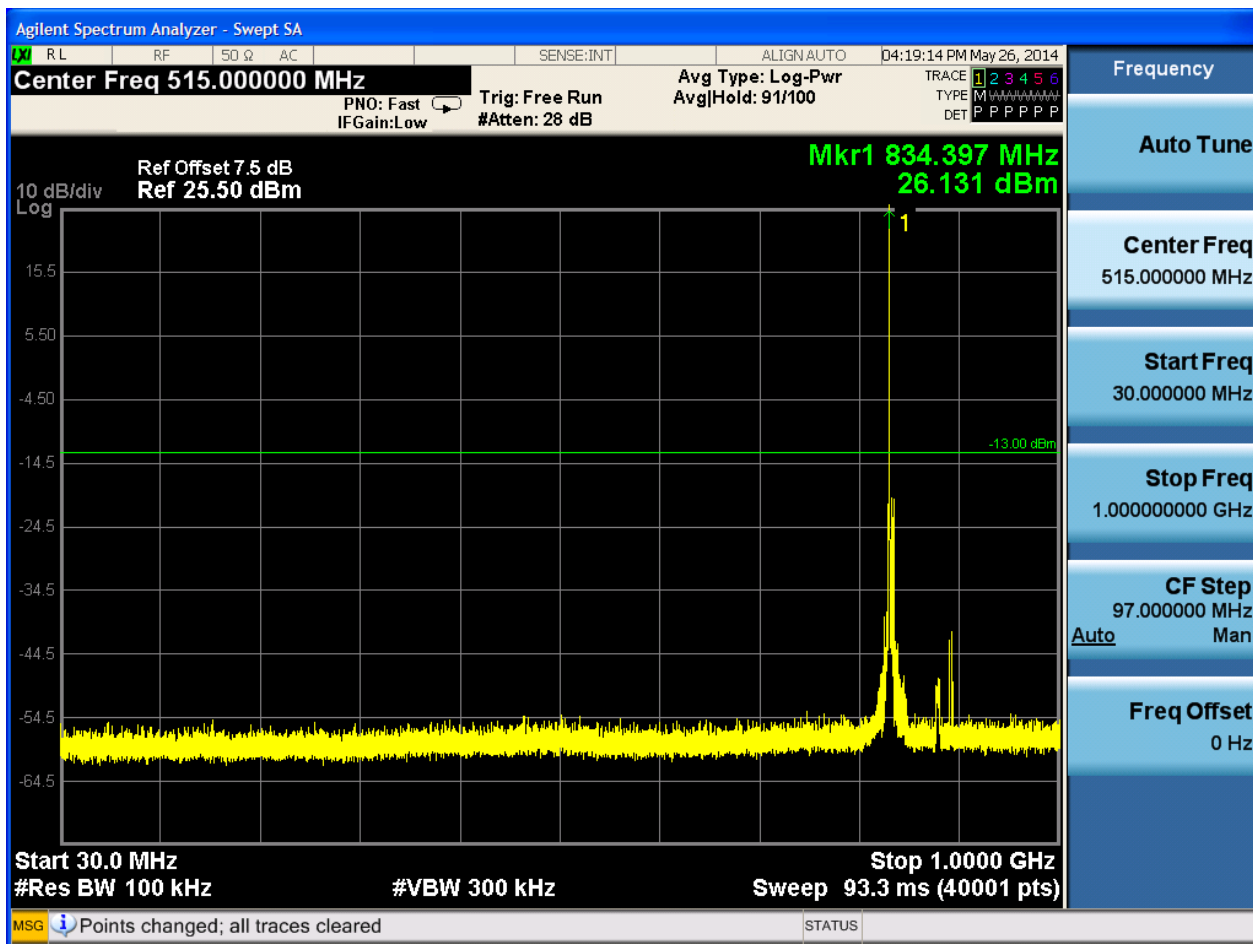


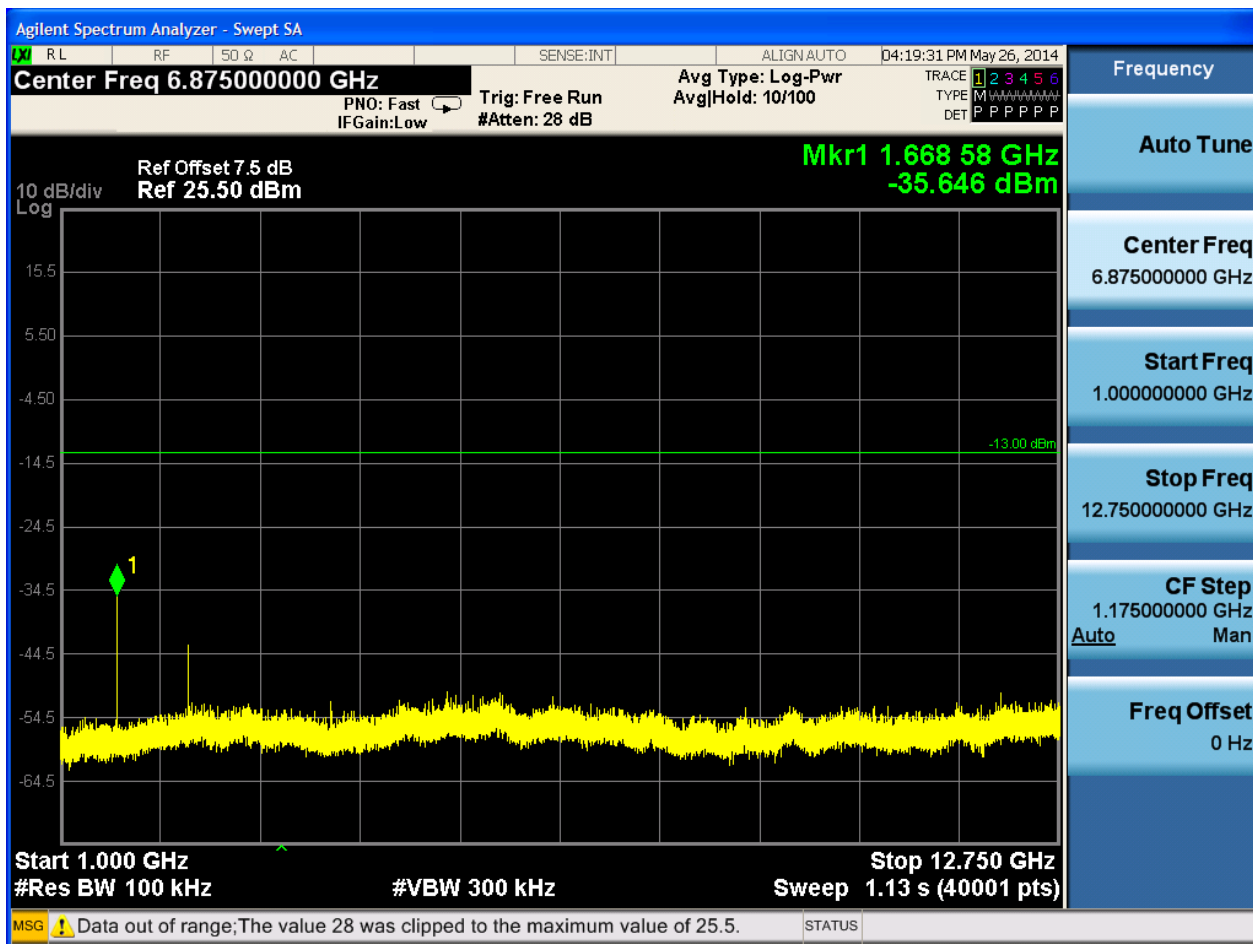
5.1.1.2.3.2 Test Channel = MCH

5.1.1.2.3.2.1 Test RB = RB1#0





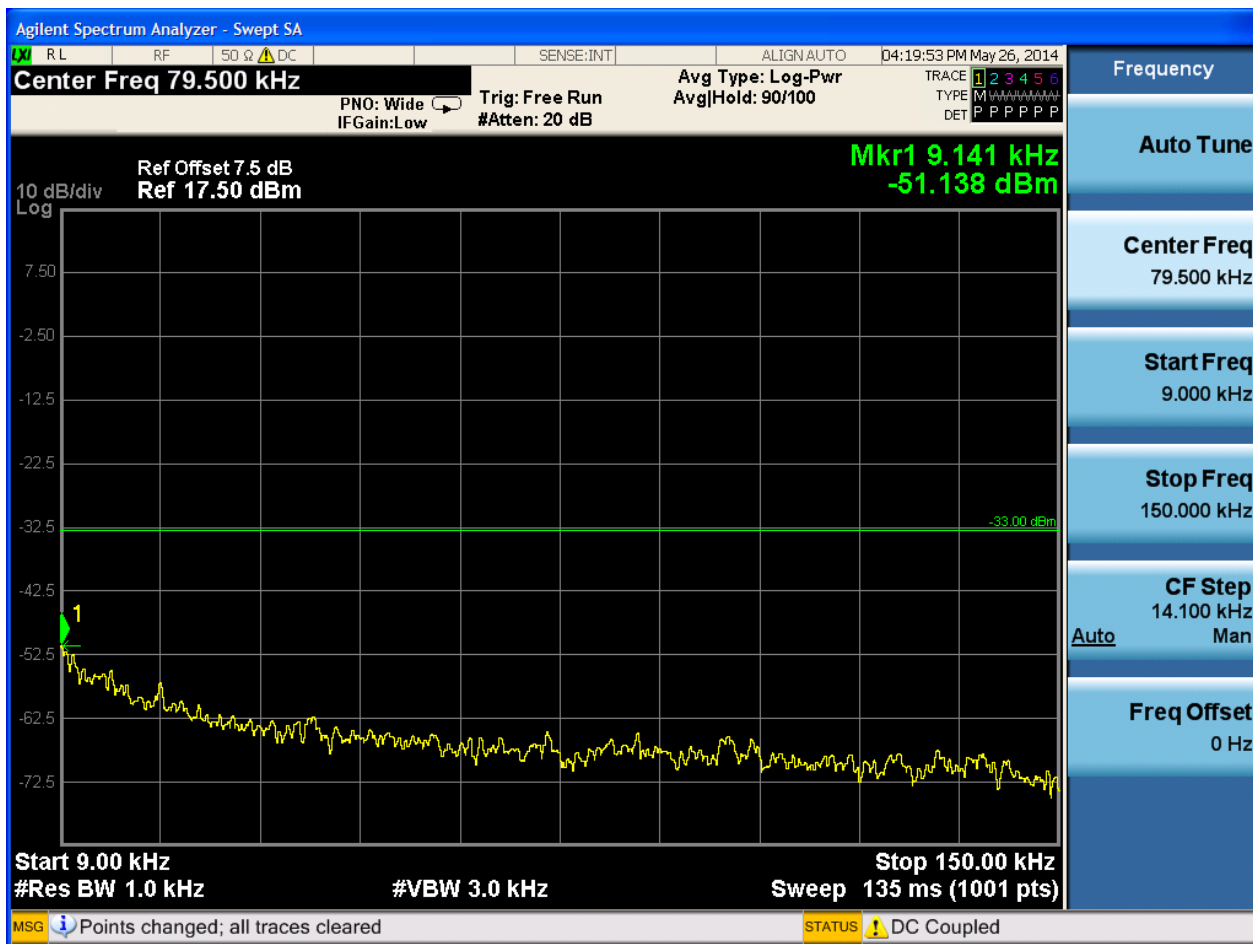


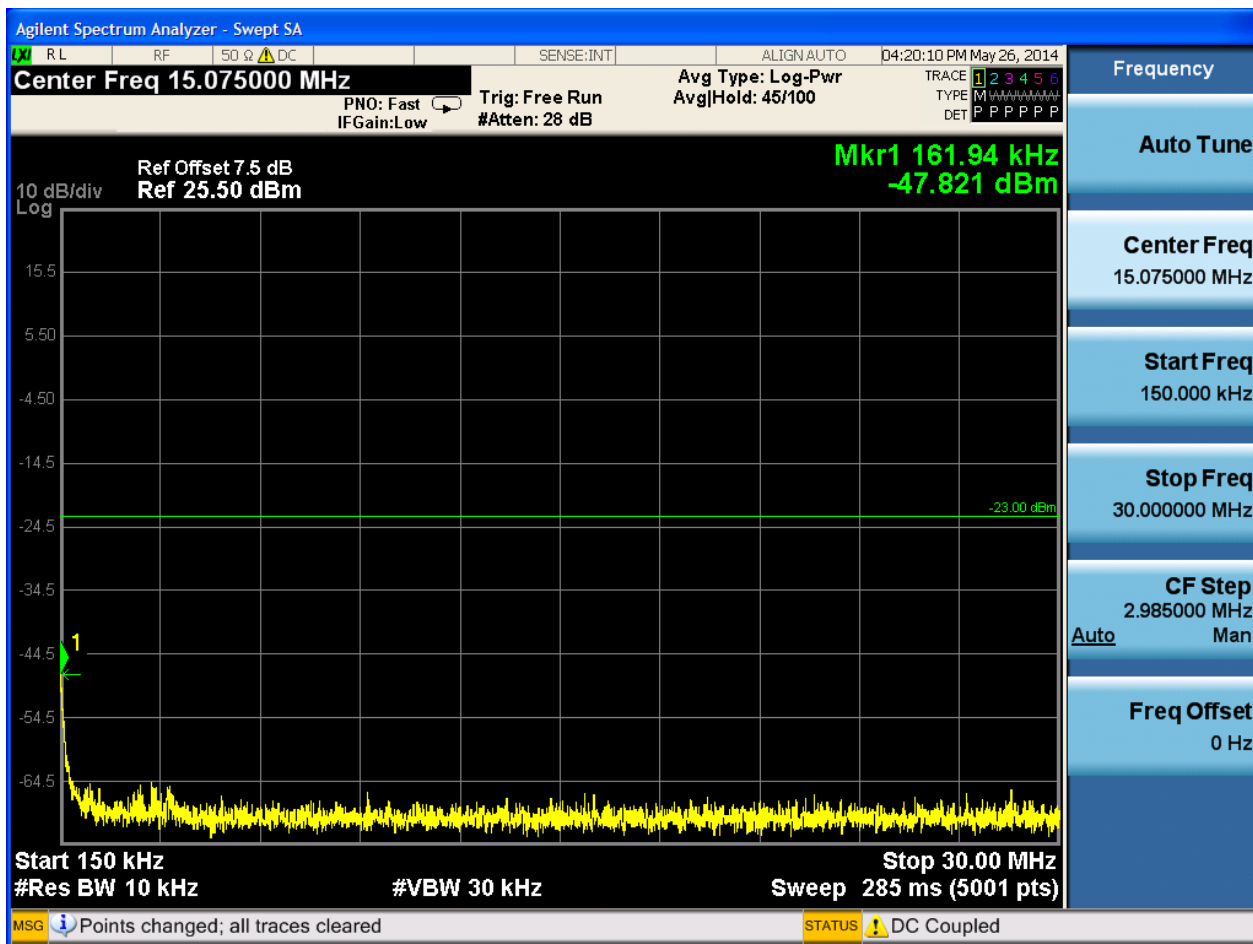


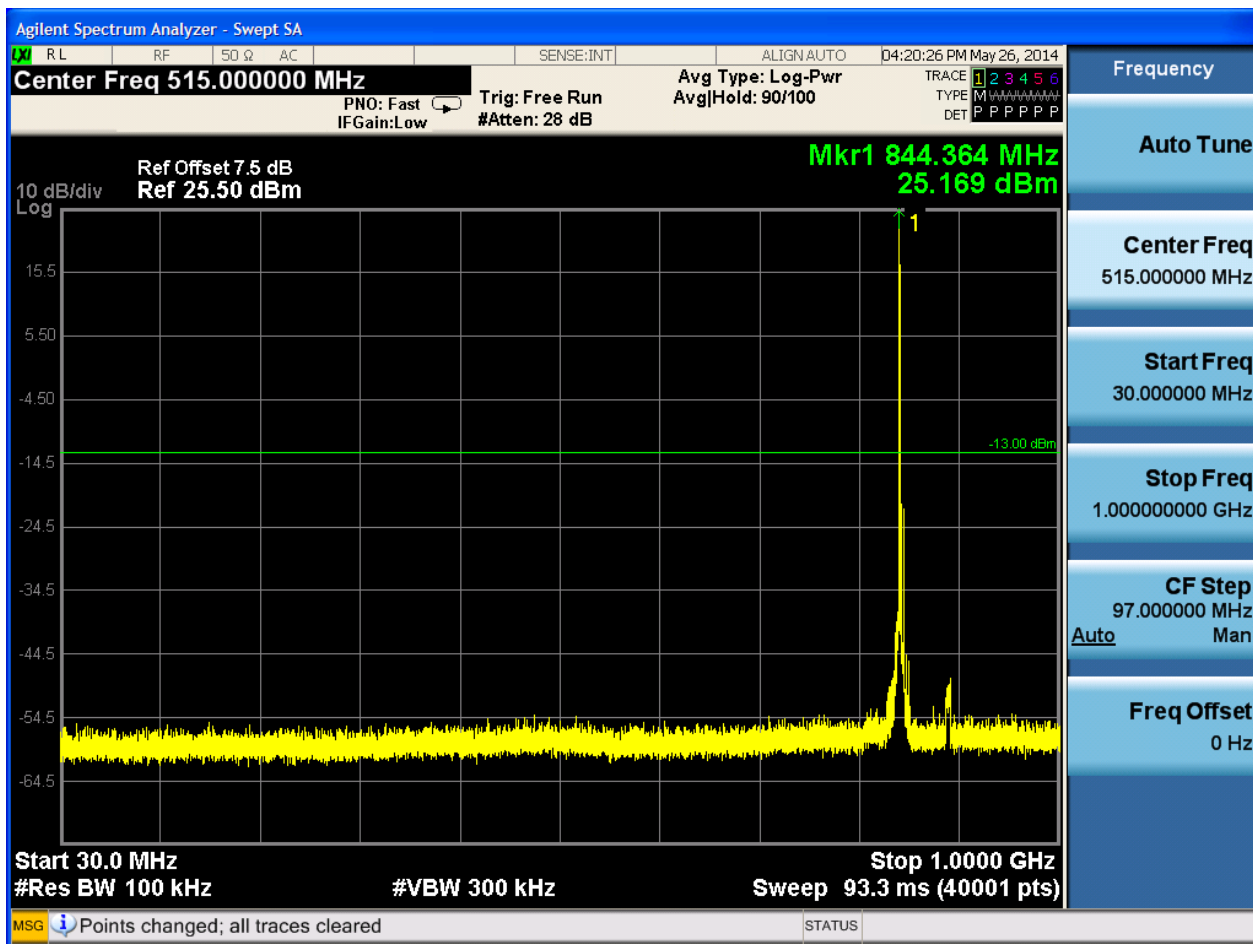


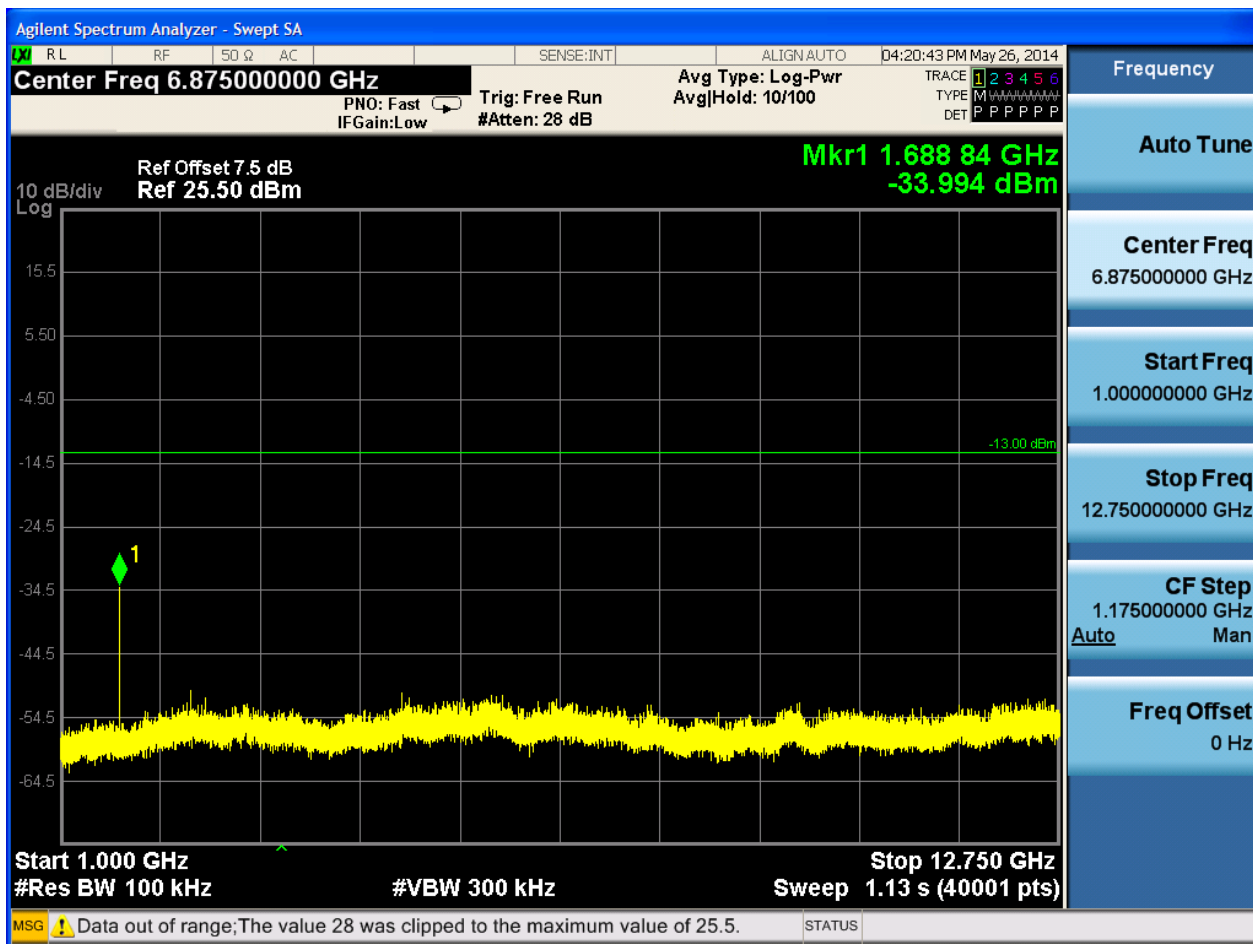
5.1.1.2.3.3 Test Channel = HCH

5.1.1.2.3.3.1 Test RB = RB1#0







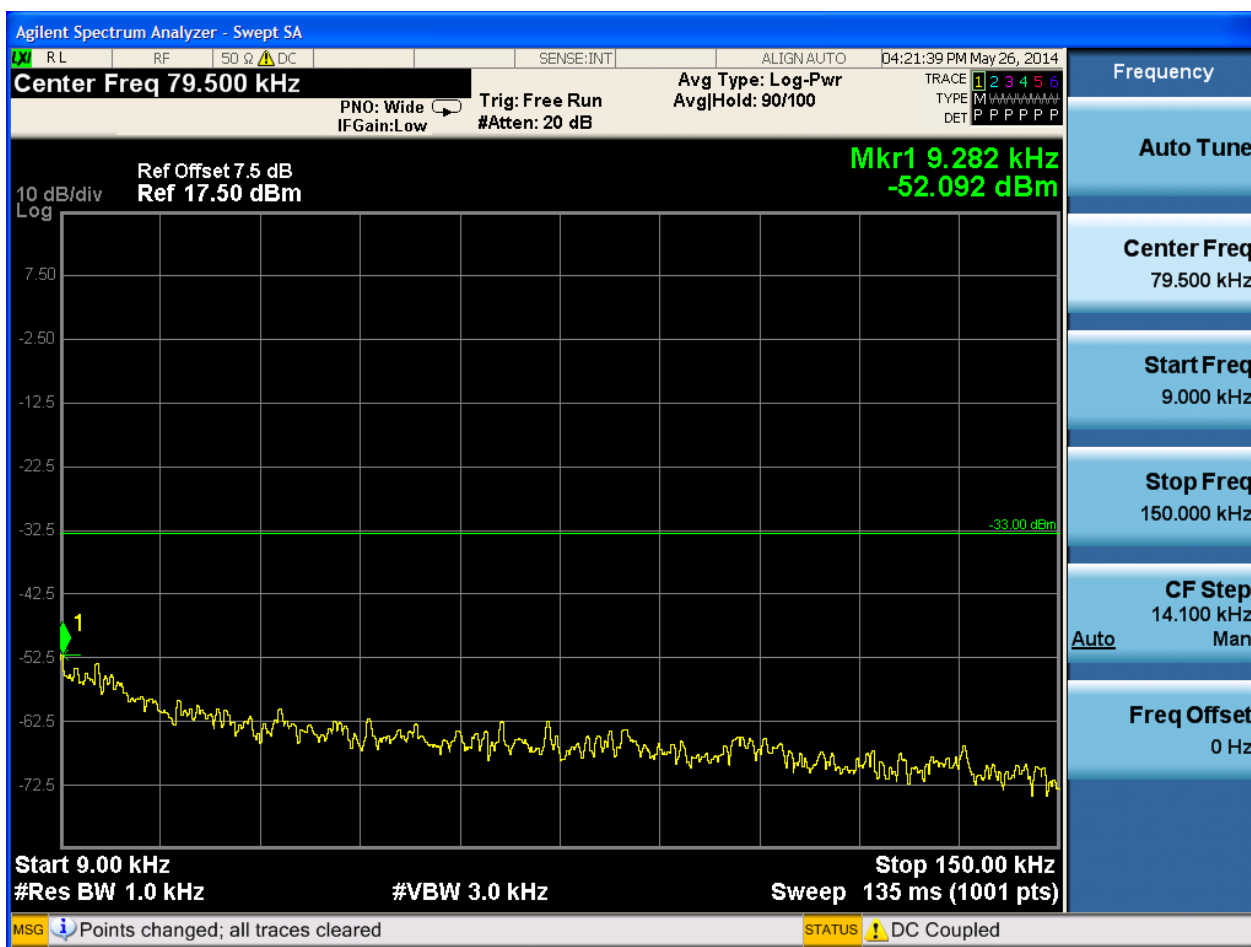




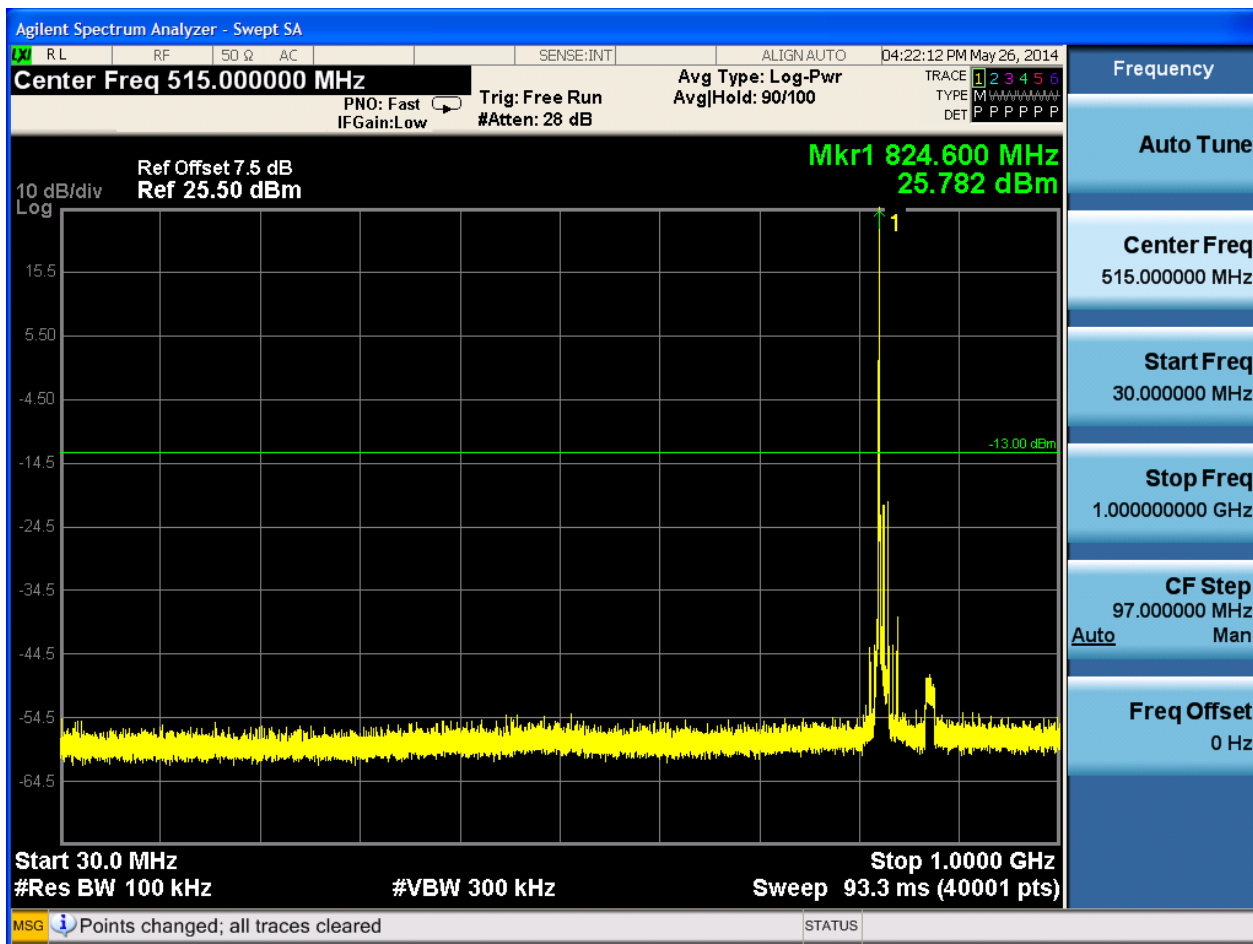
5.1.1.2.4 Test Bandwidth = 10

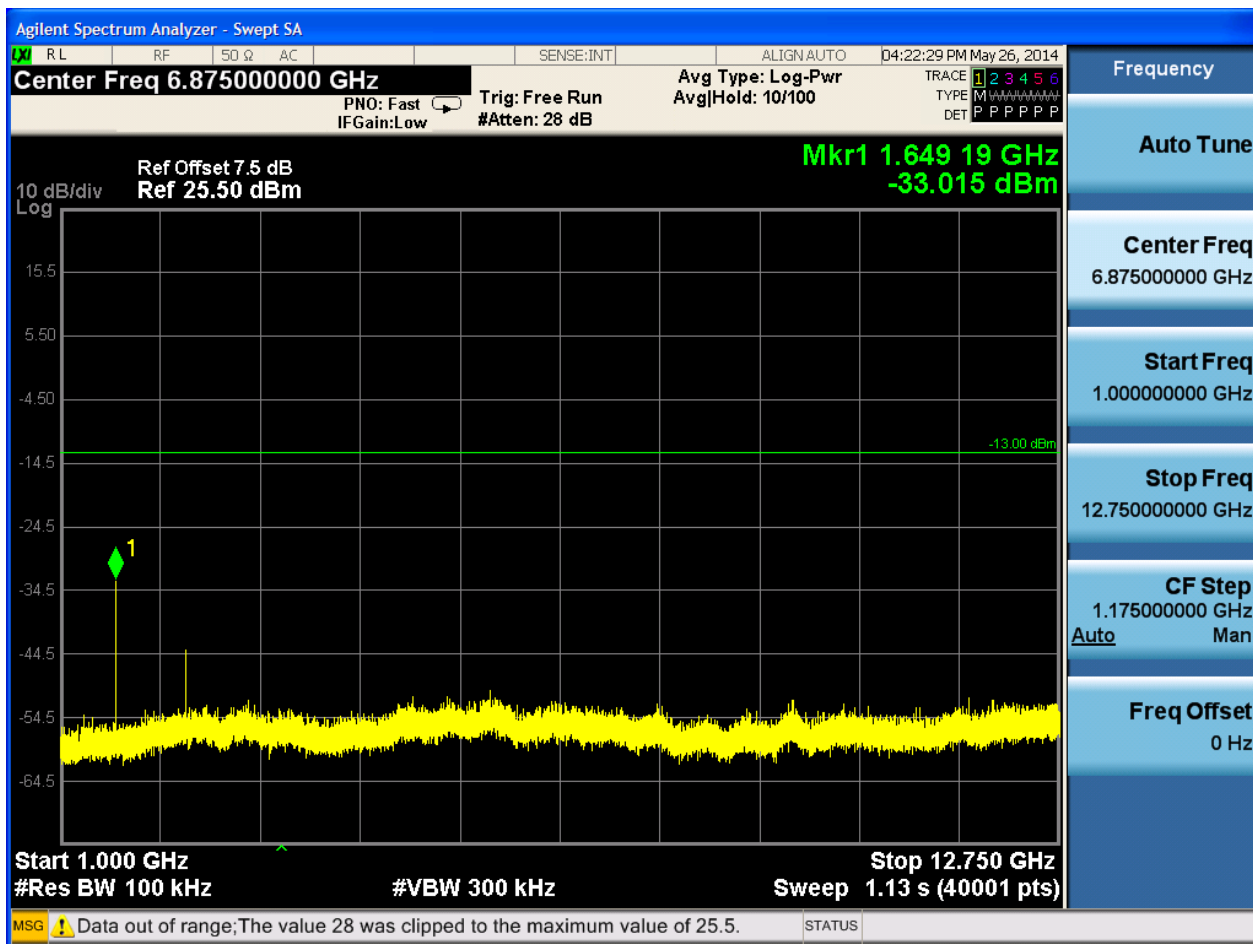
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





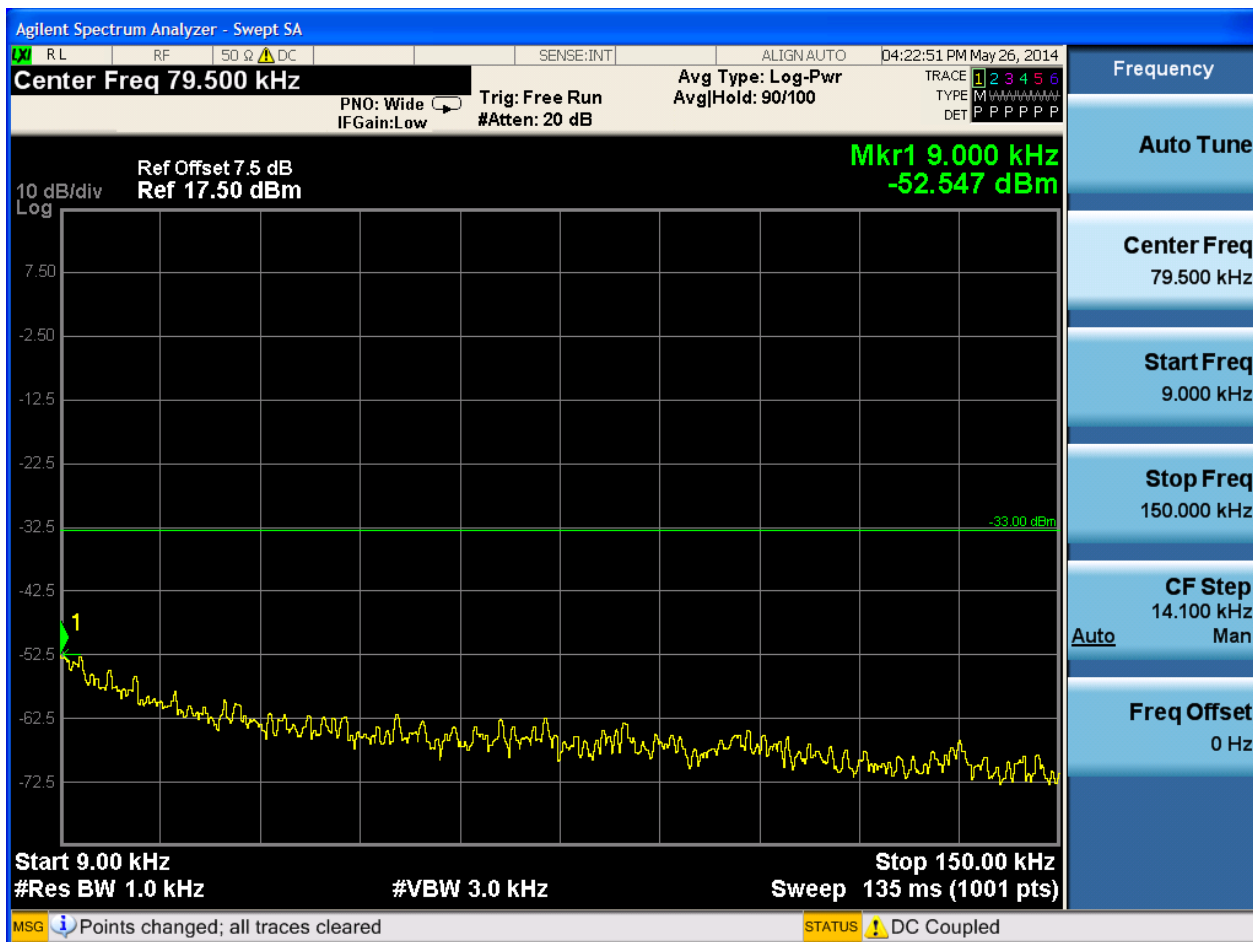


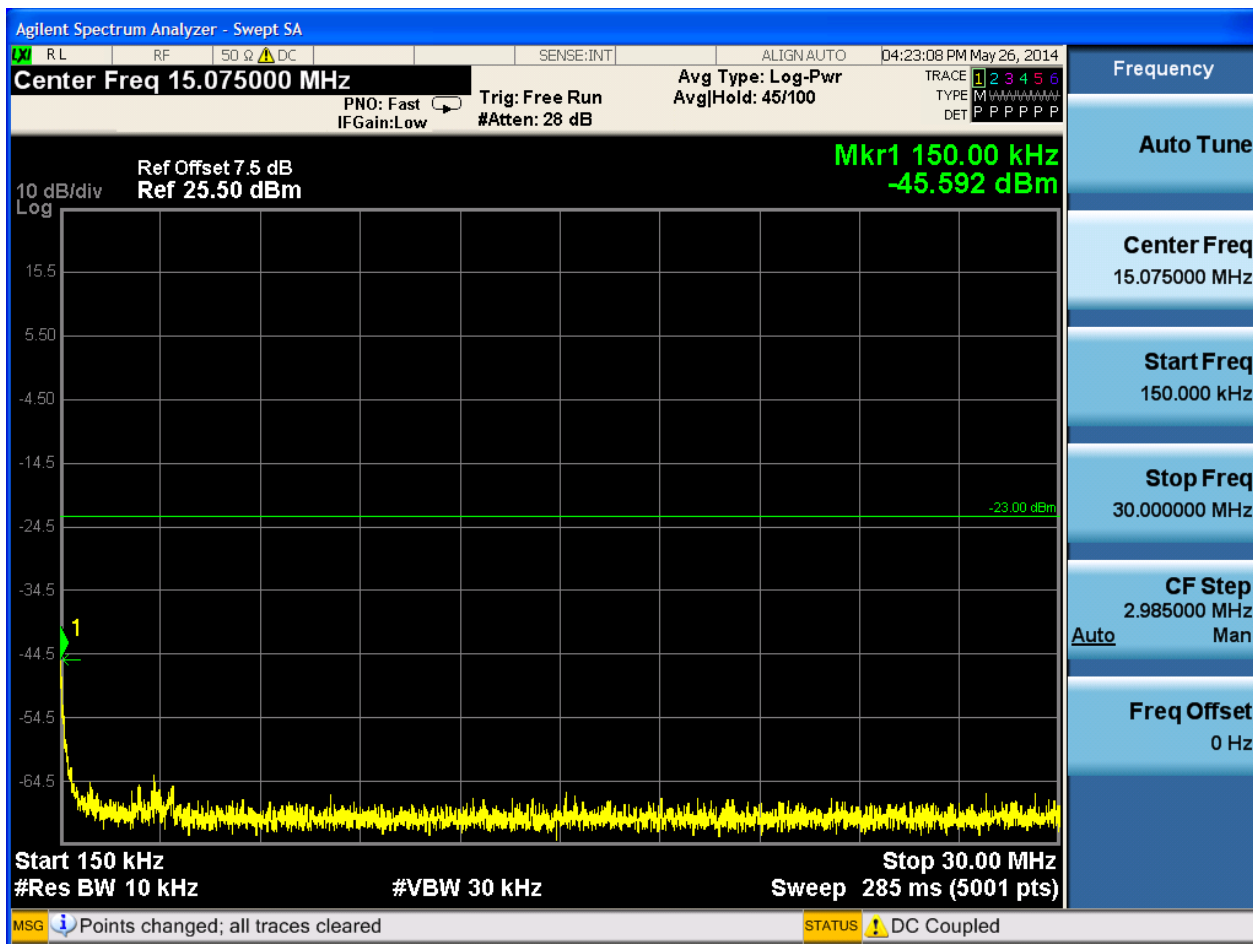


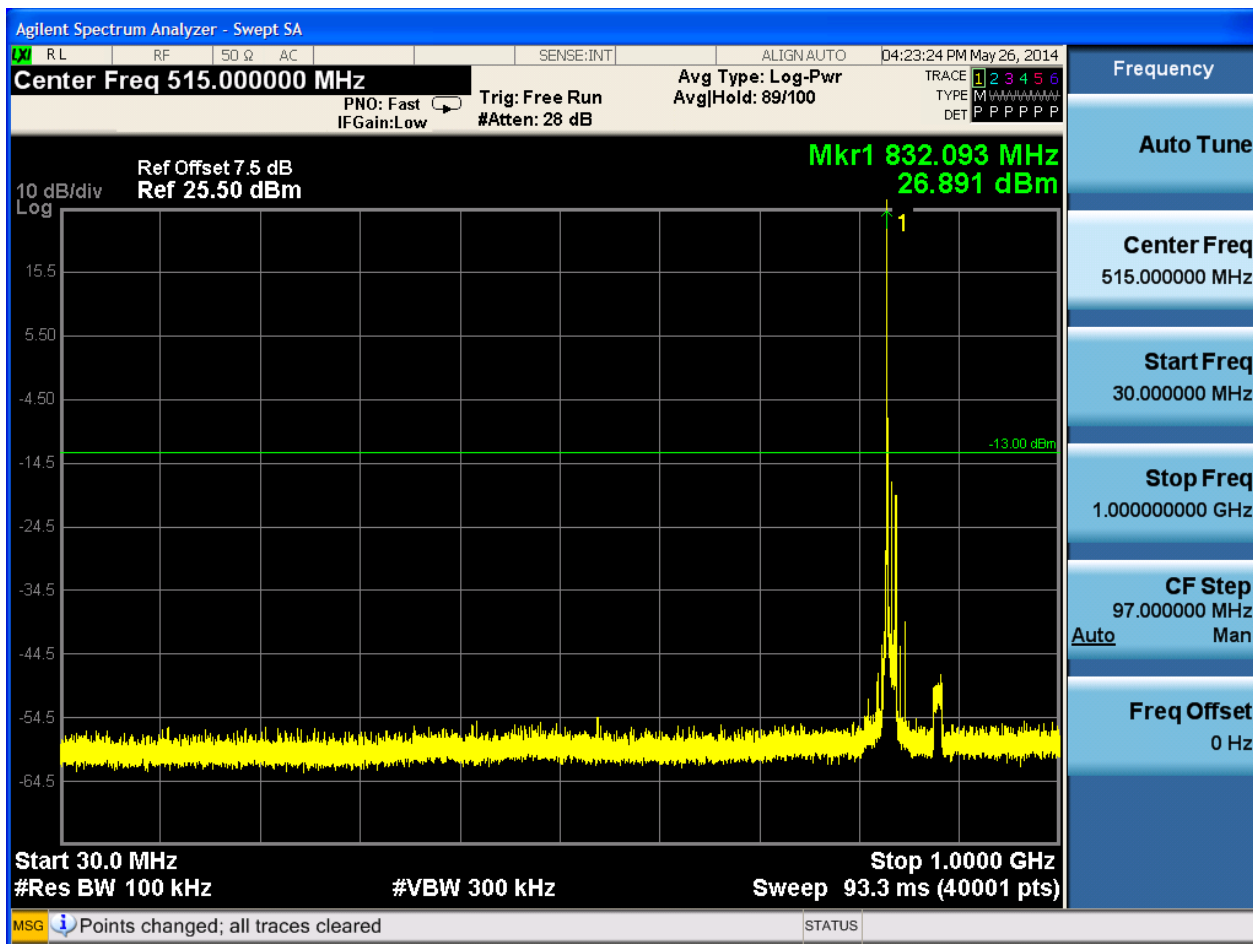


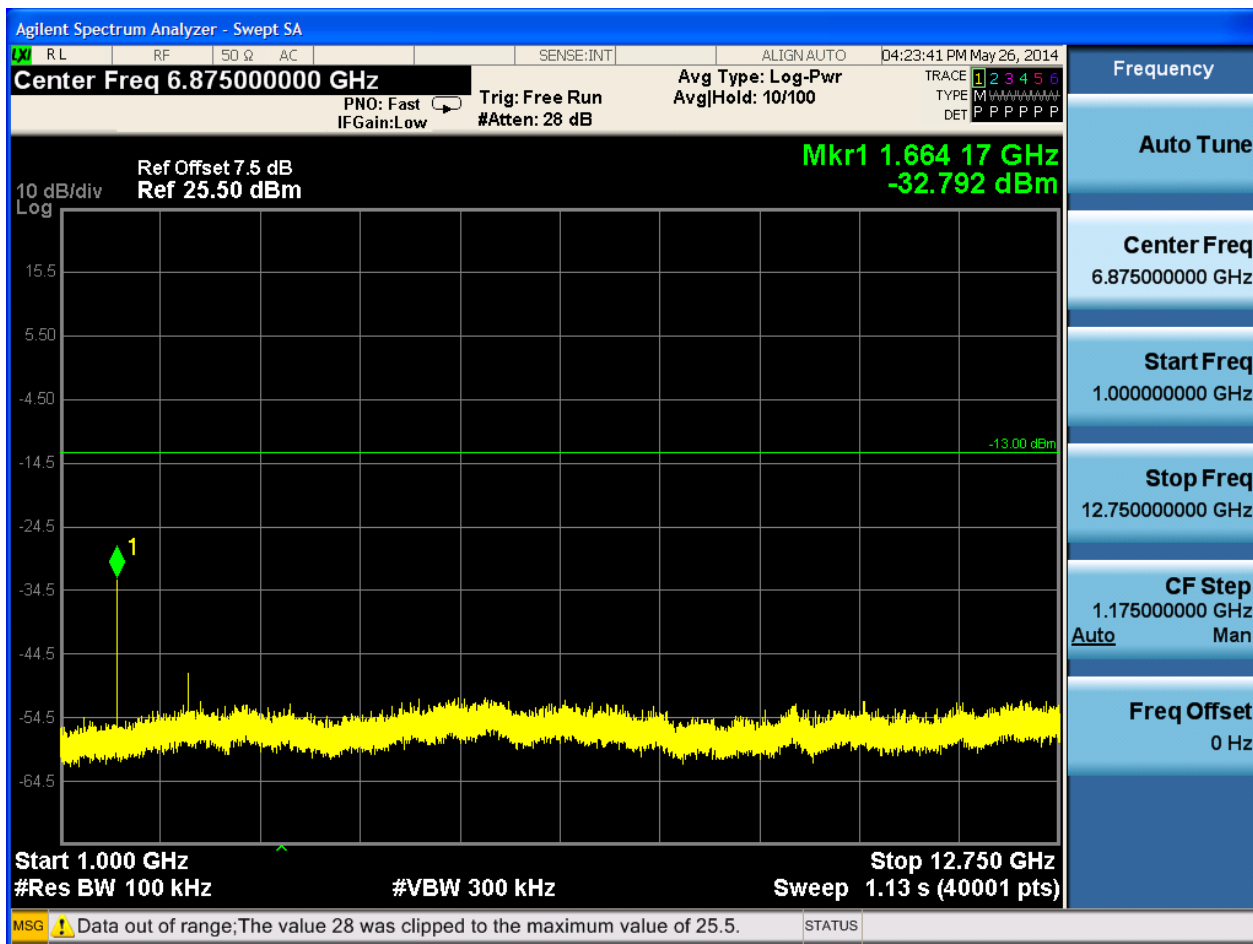
5.1.1.2.4.2 Test Channel = MCH

5.1.1.2.4.2.1 Test RB = RB1#0





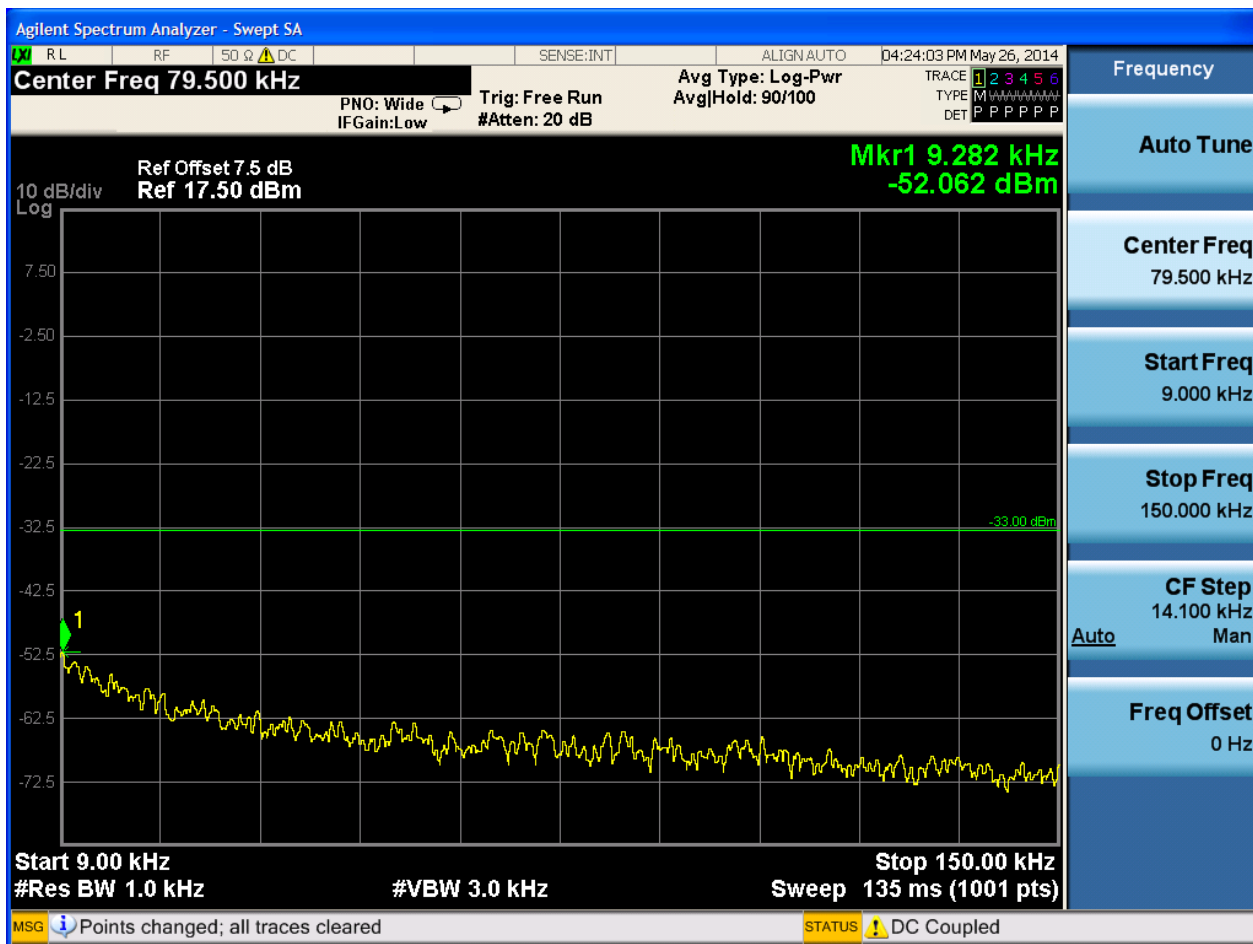


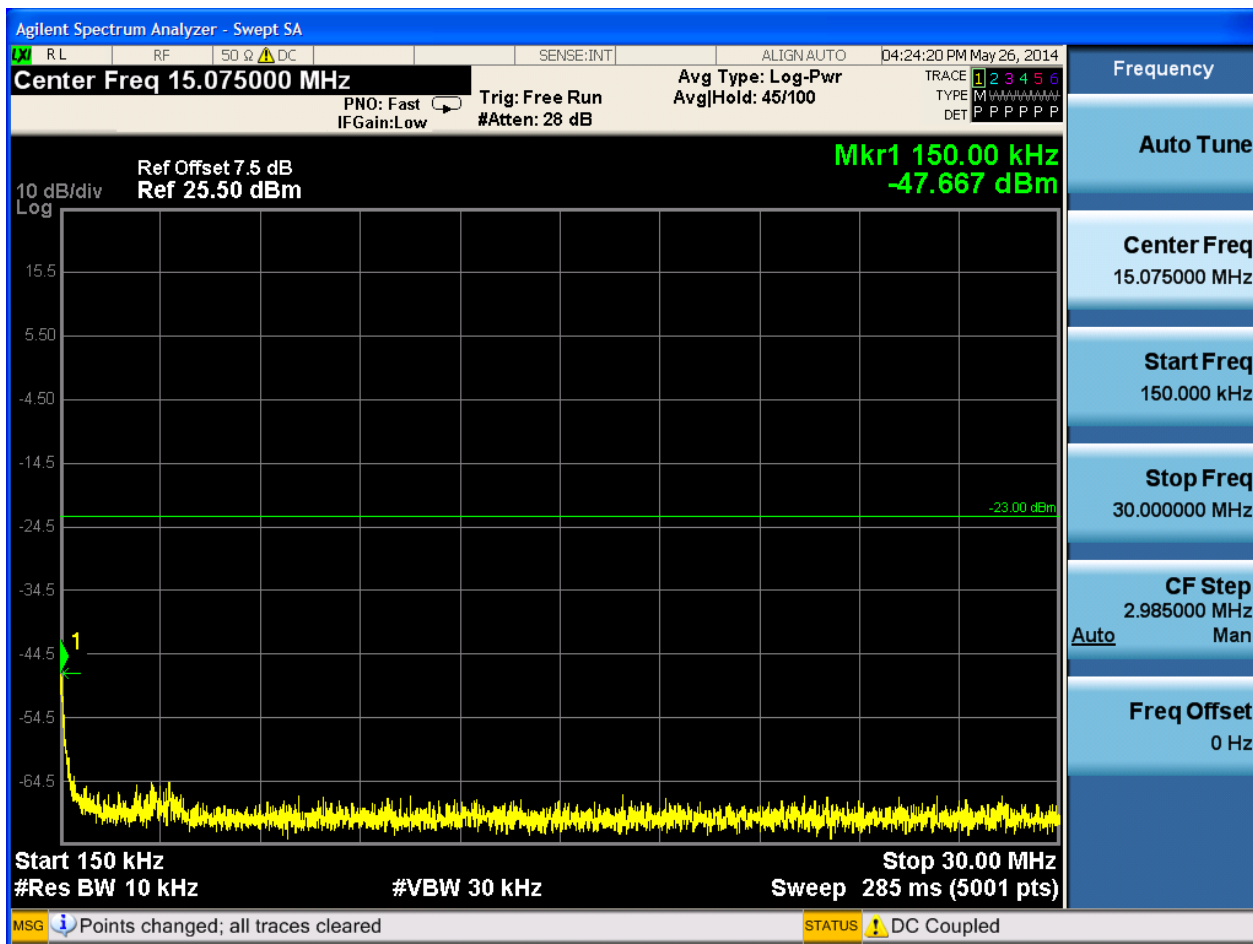


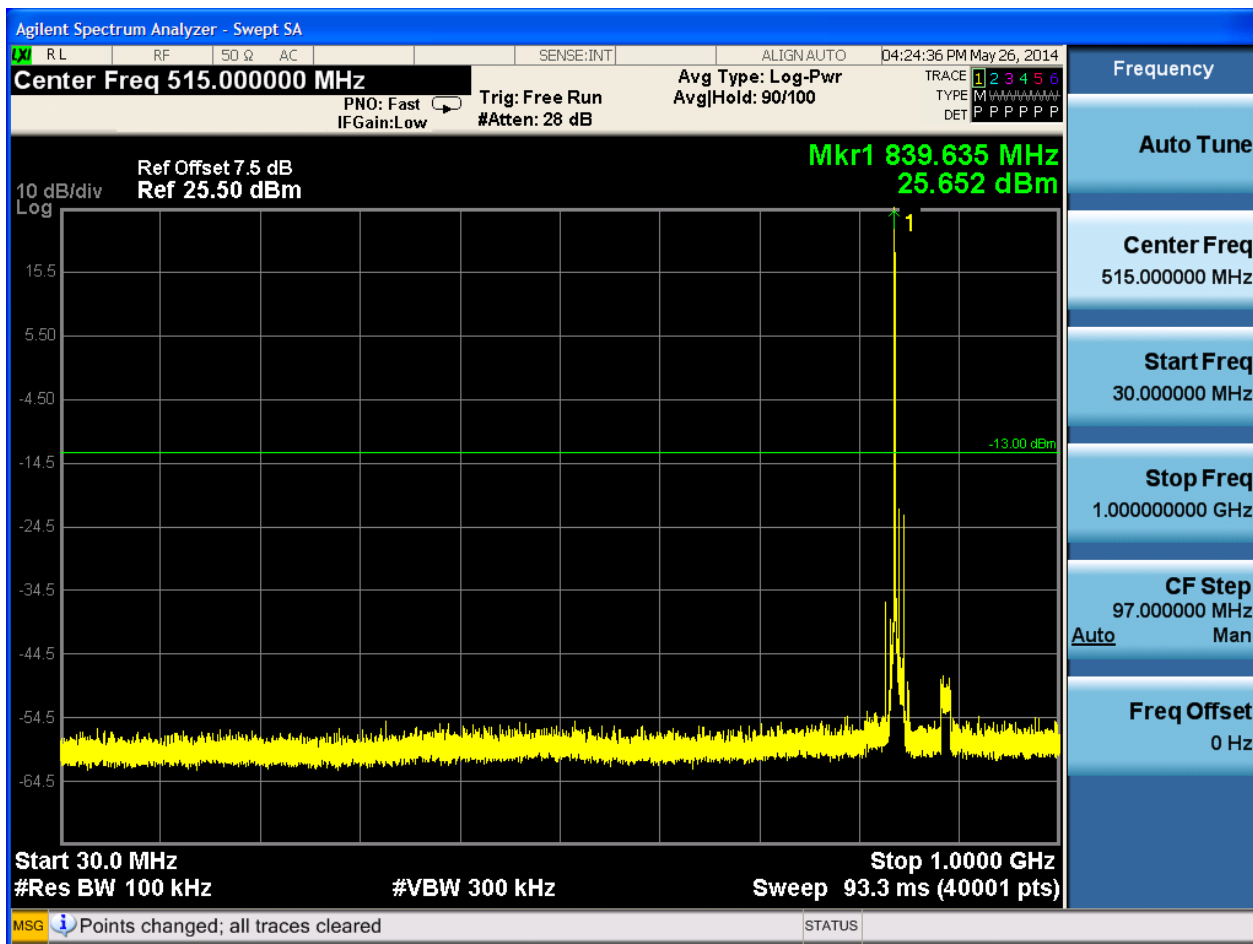


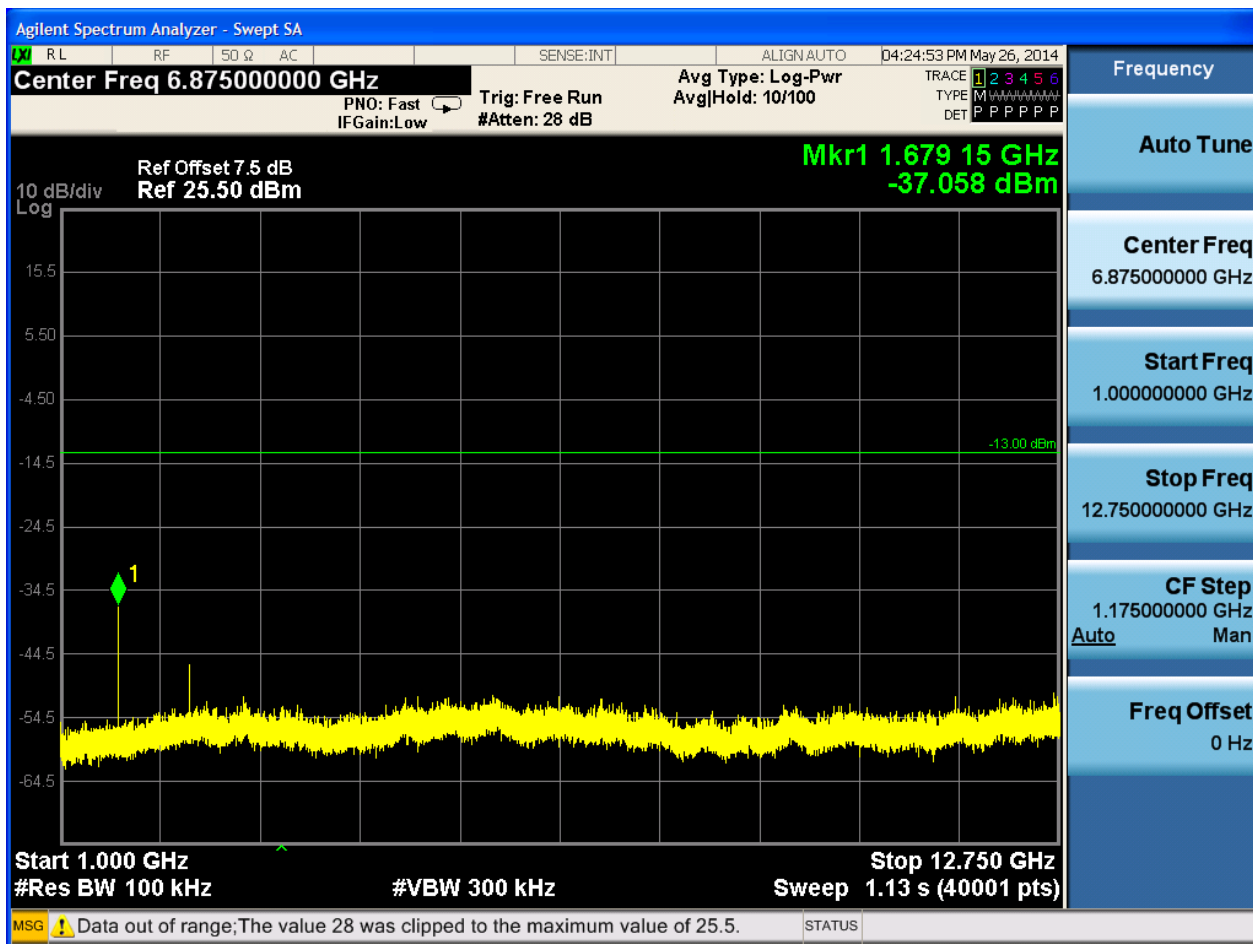
5.1.1.2.4.3 Test Channel = HCH

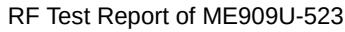
5.1.1.2.4.3.1 Test RB = RB1#0



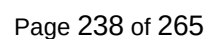


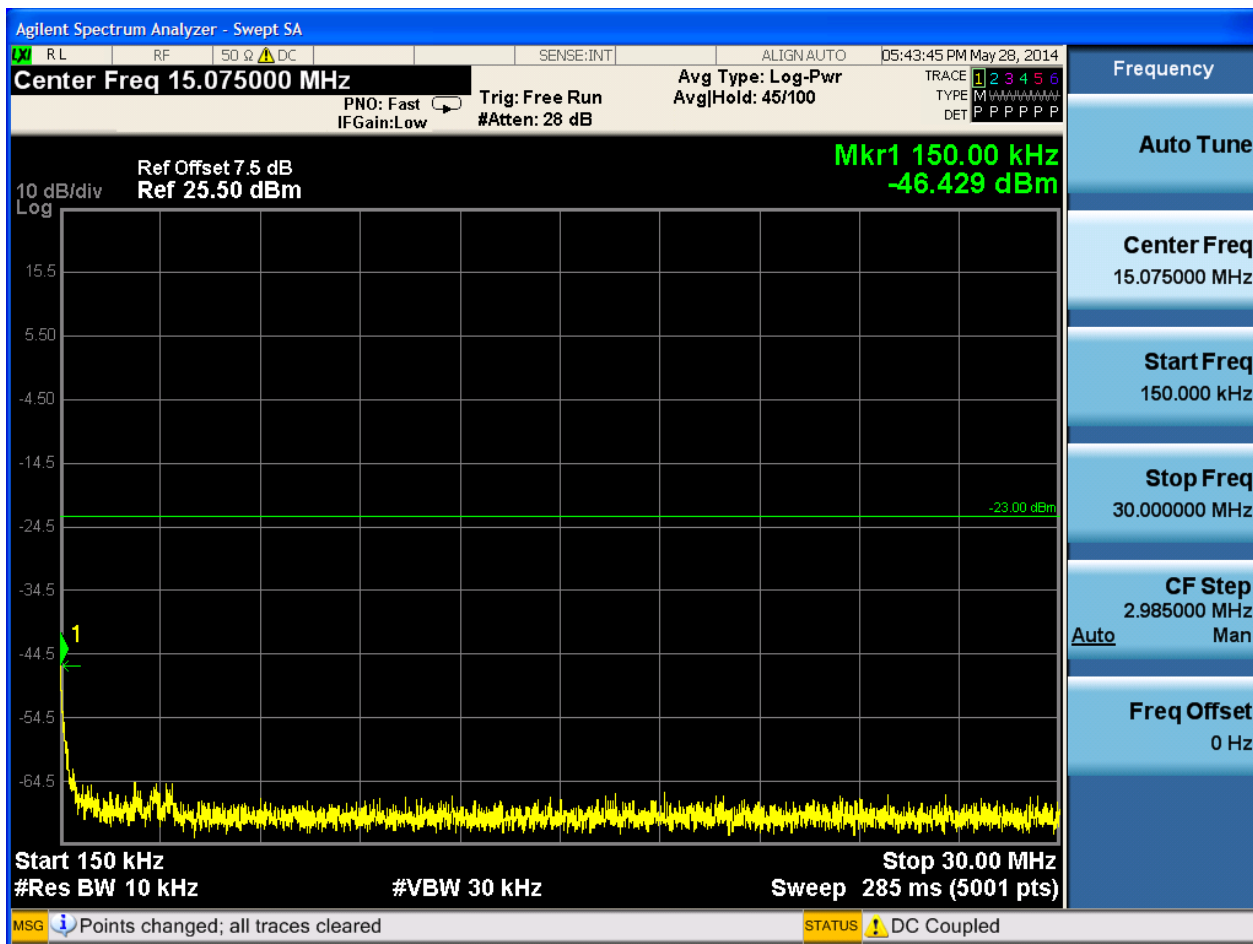


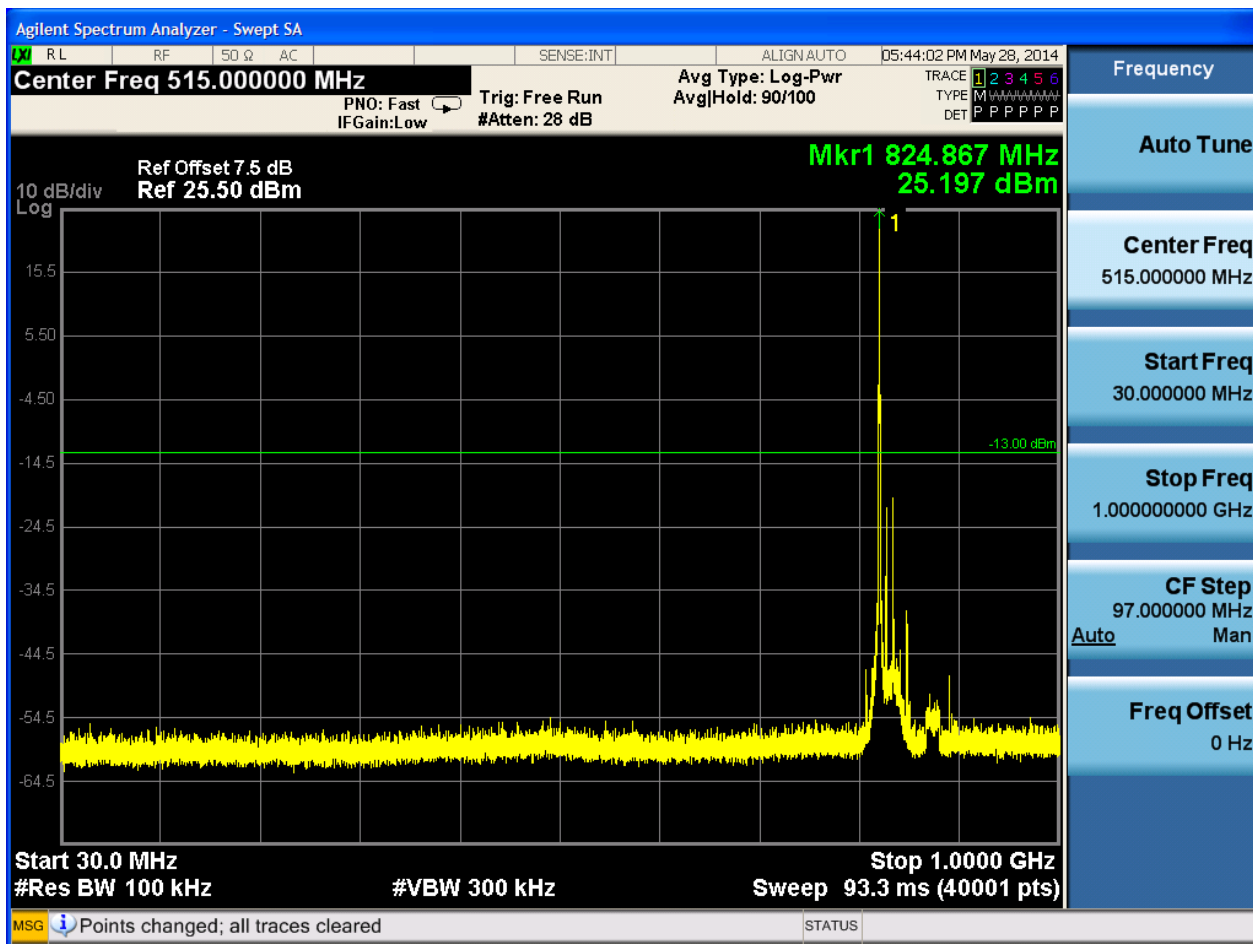


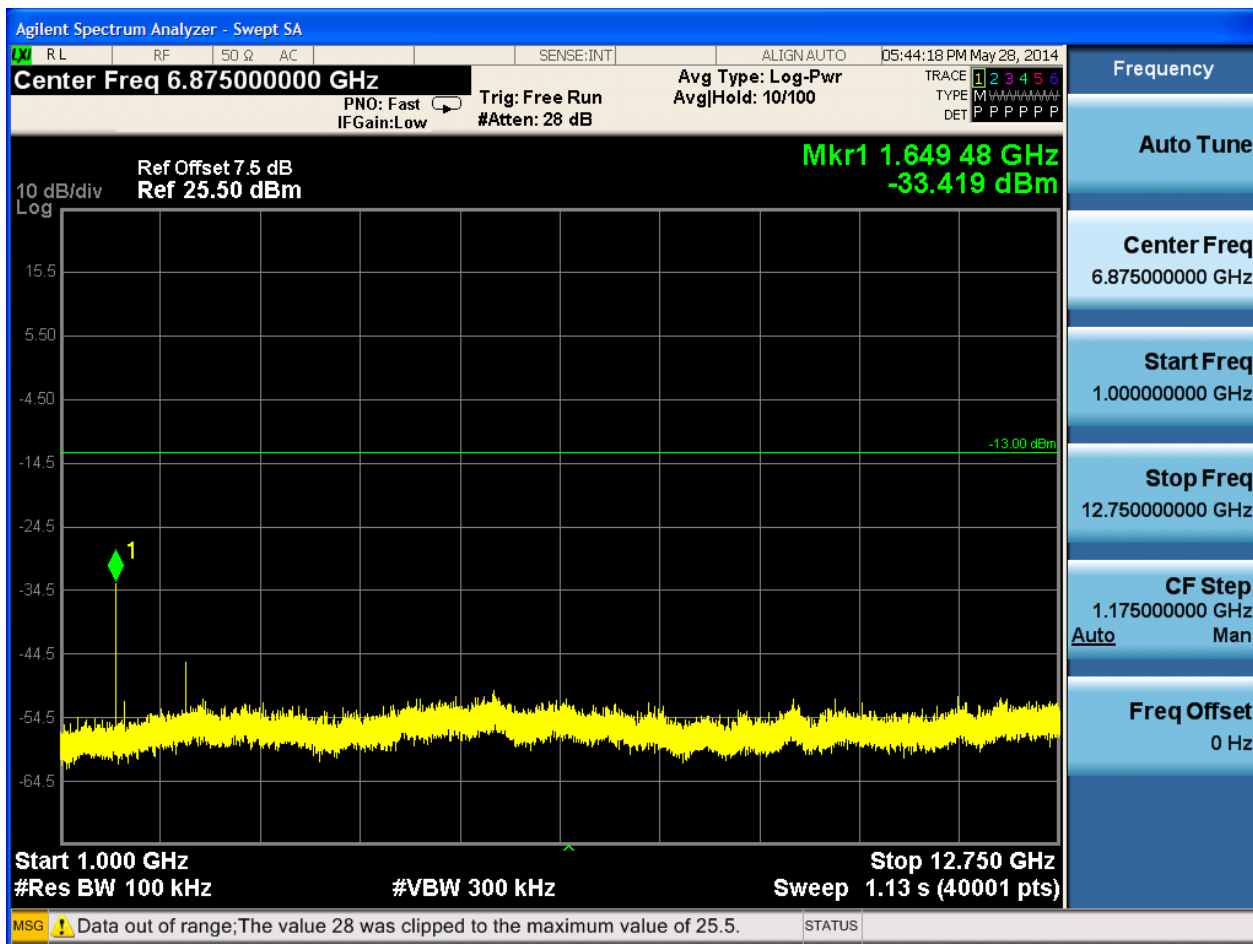


5.1.1.2.5.1.1 Test RB = RB1#0





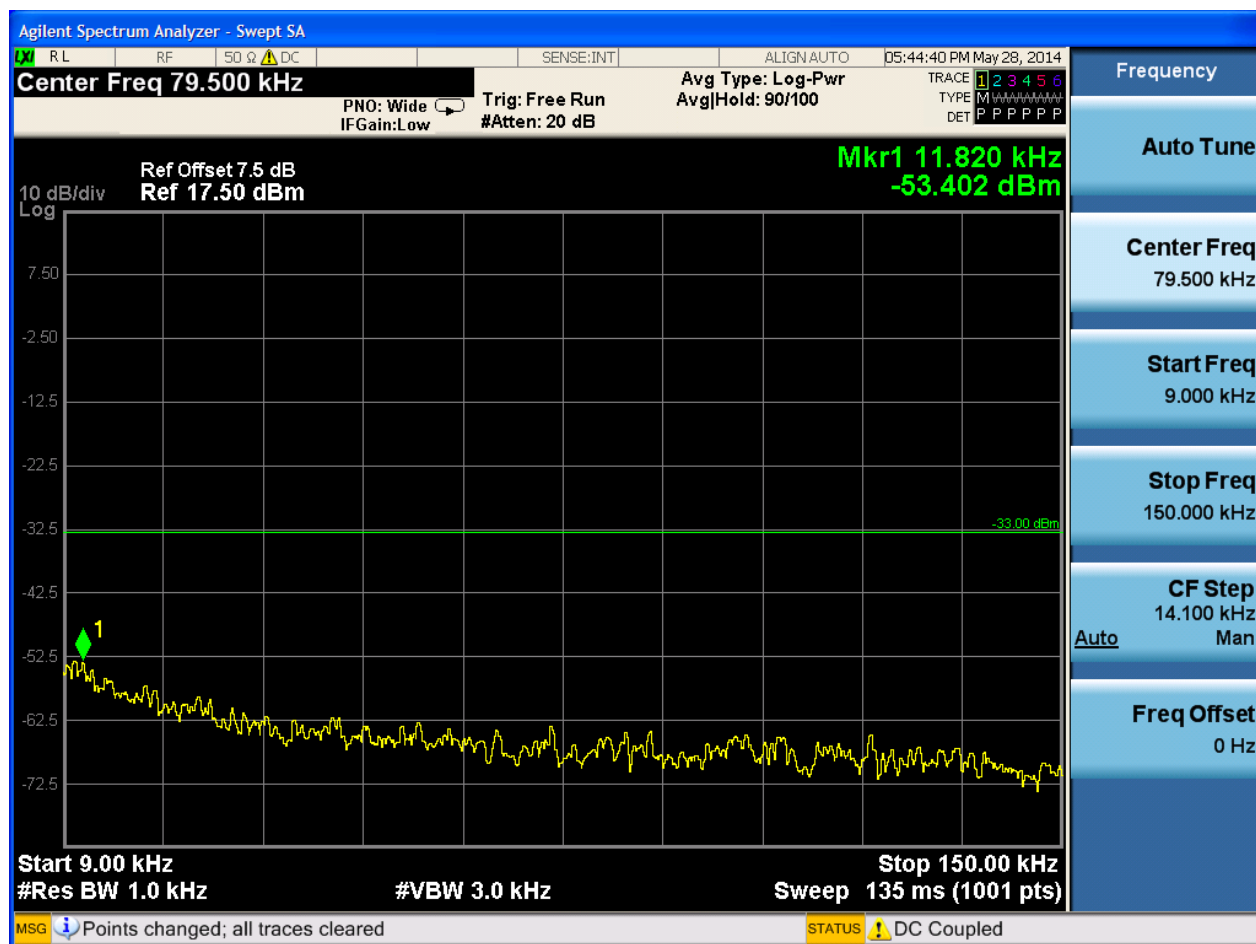




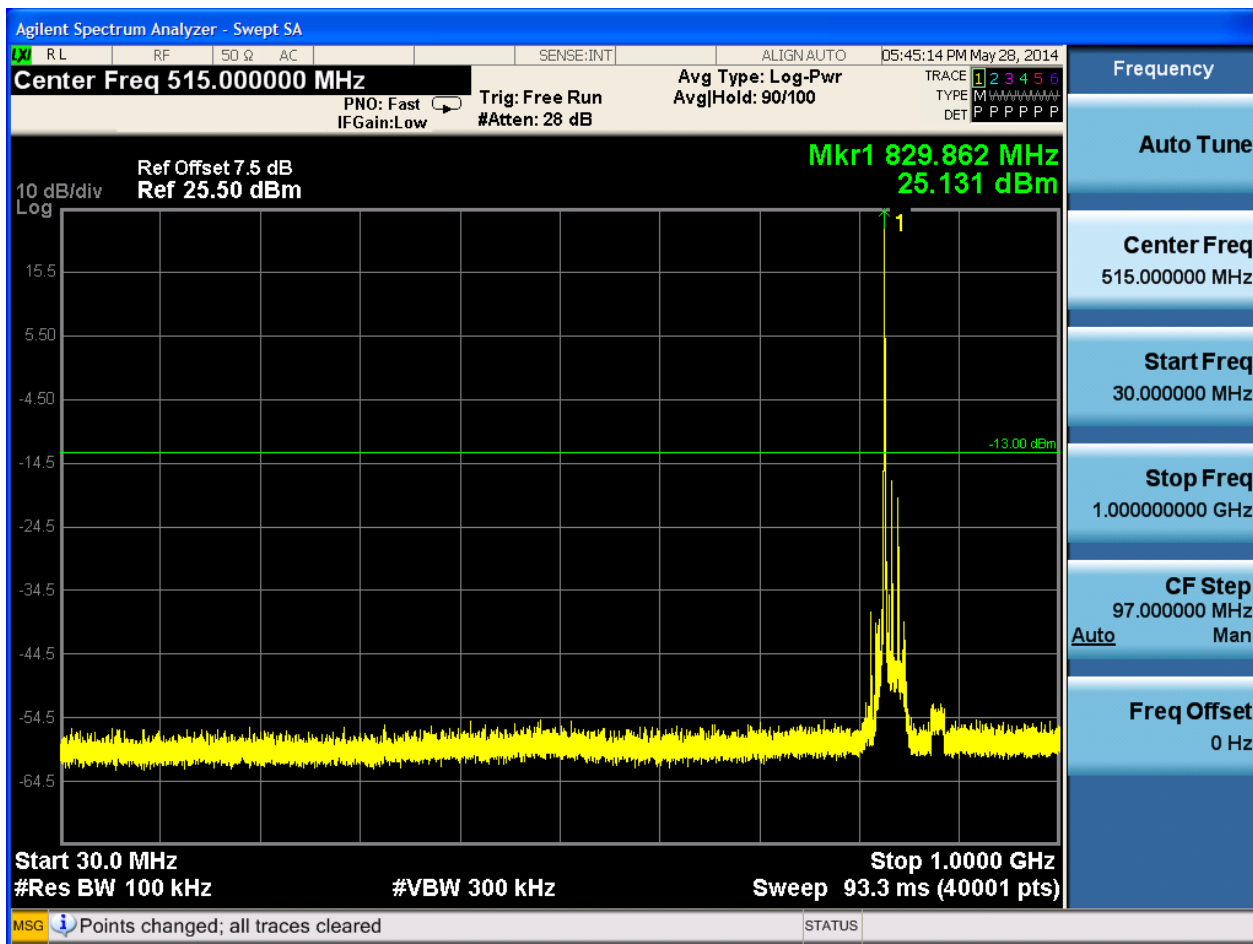


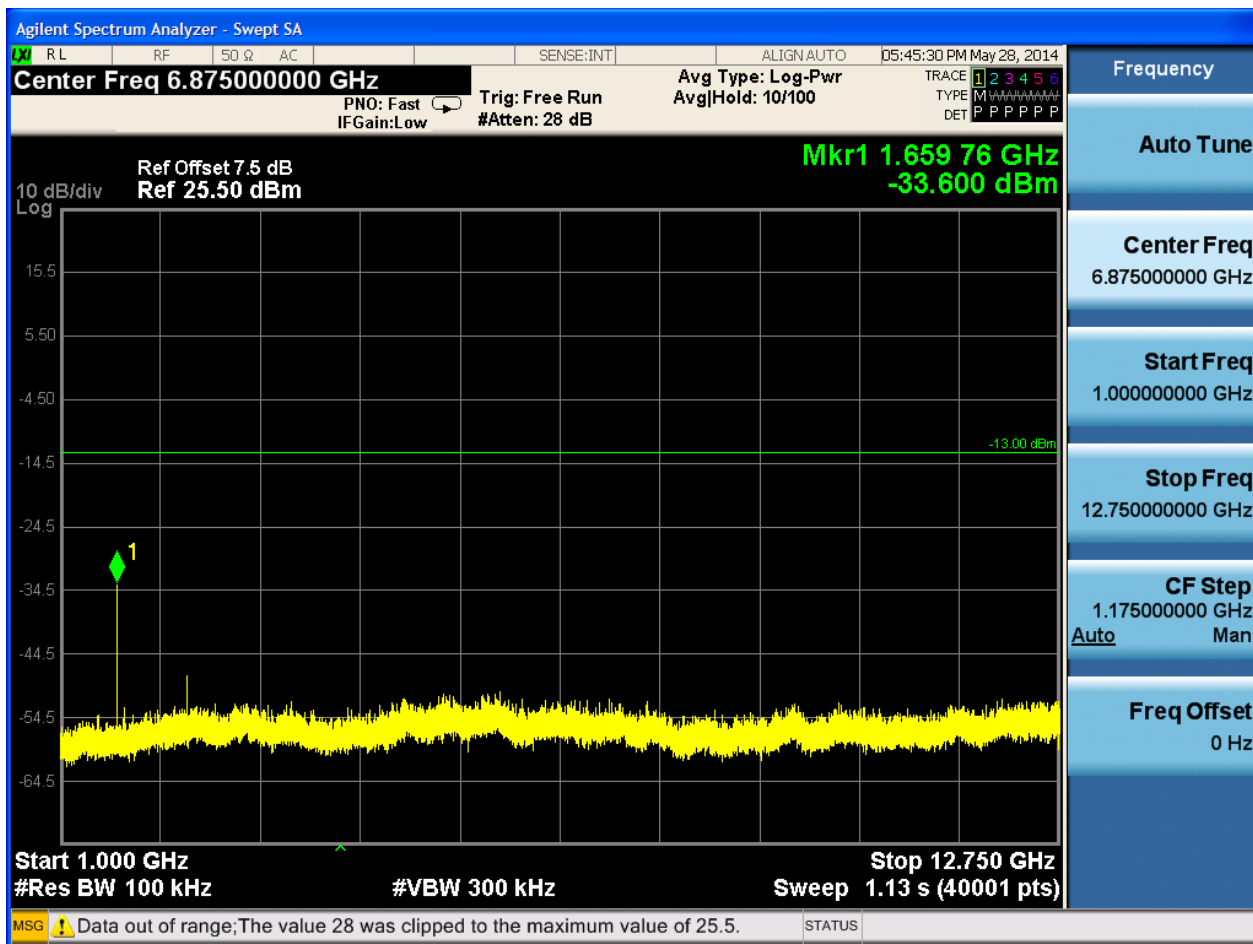
5.1.1.2.1.2 Test Channel = MCH

5.1.1.2.1.2.1 Test RB = RB1#0





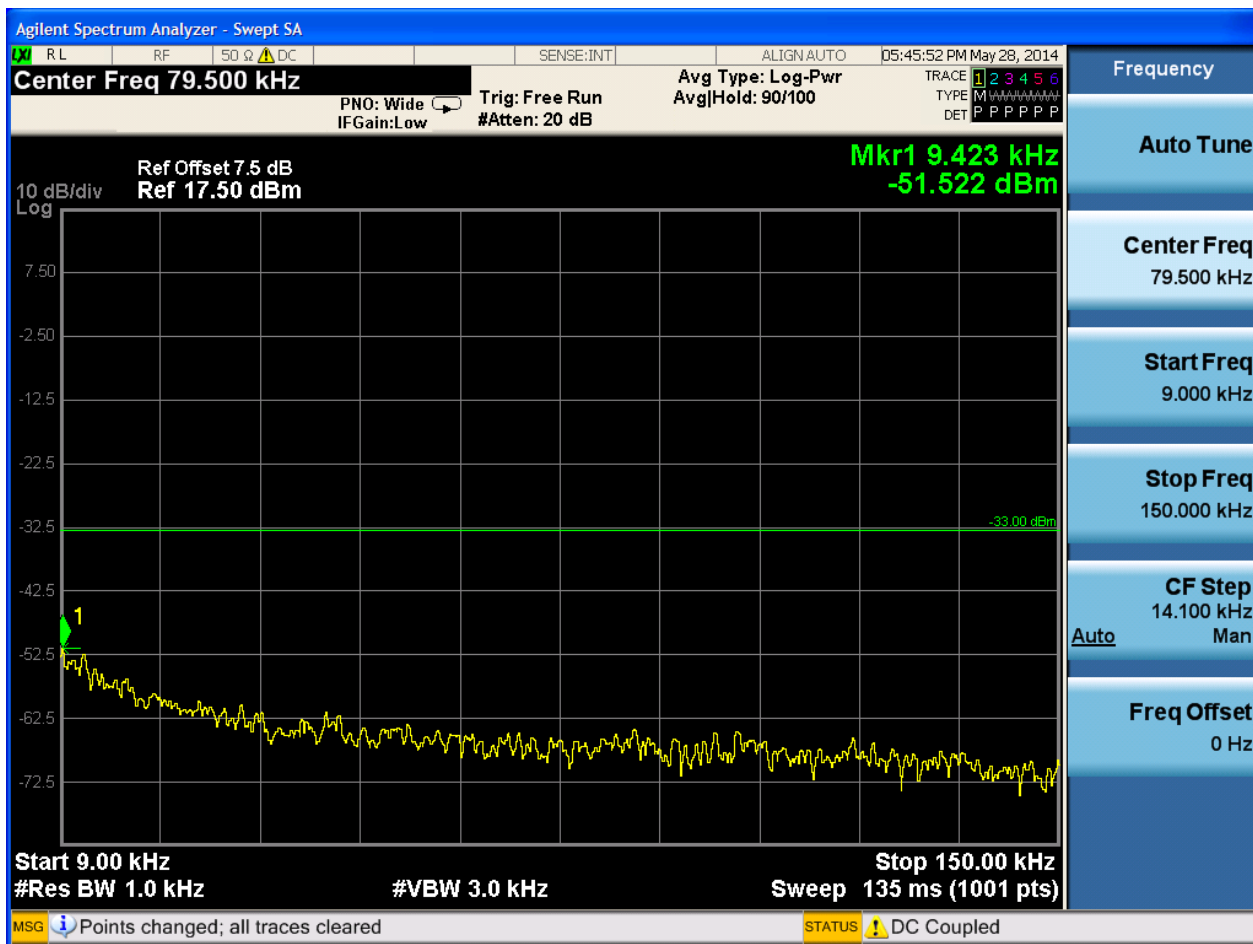


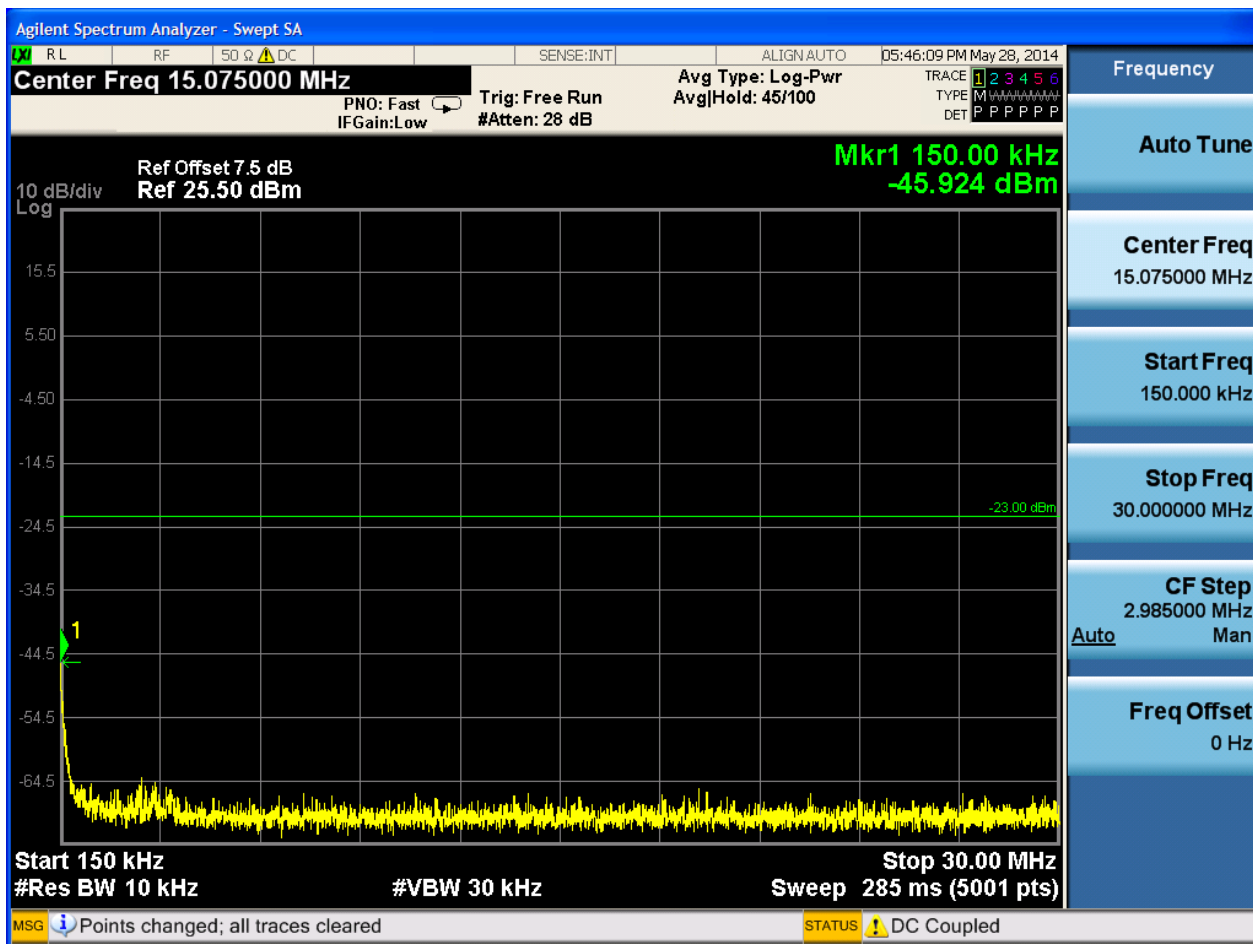


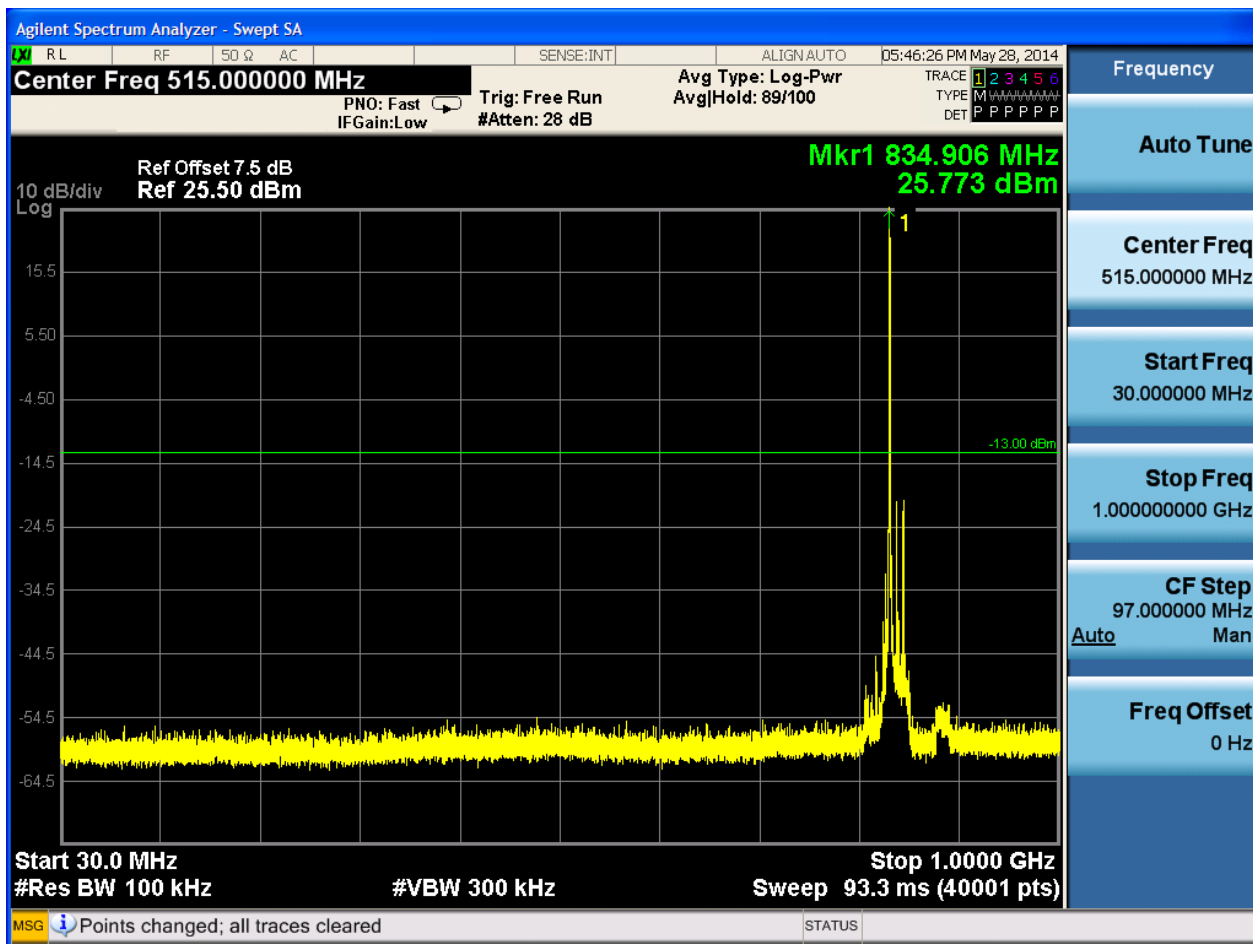


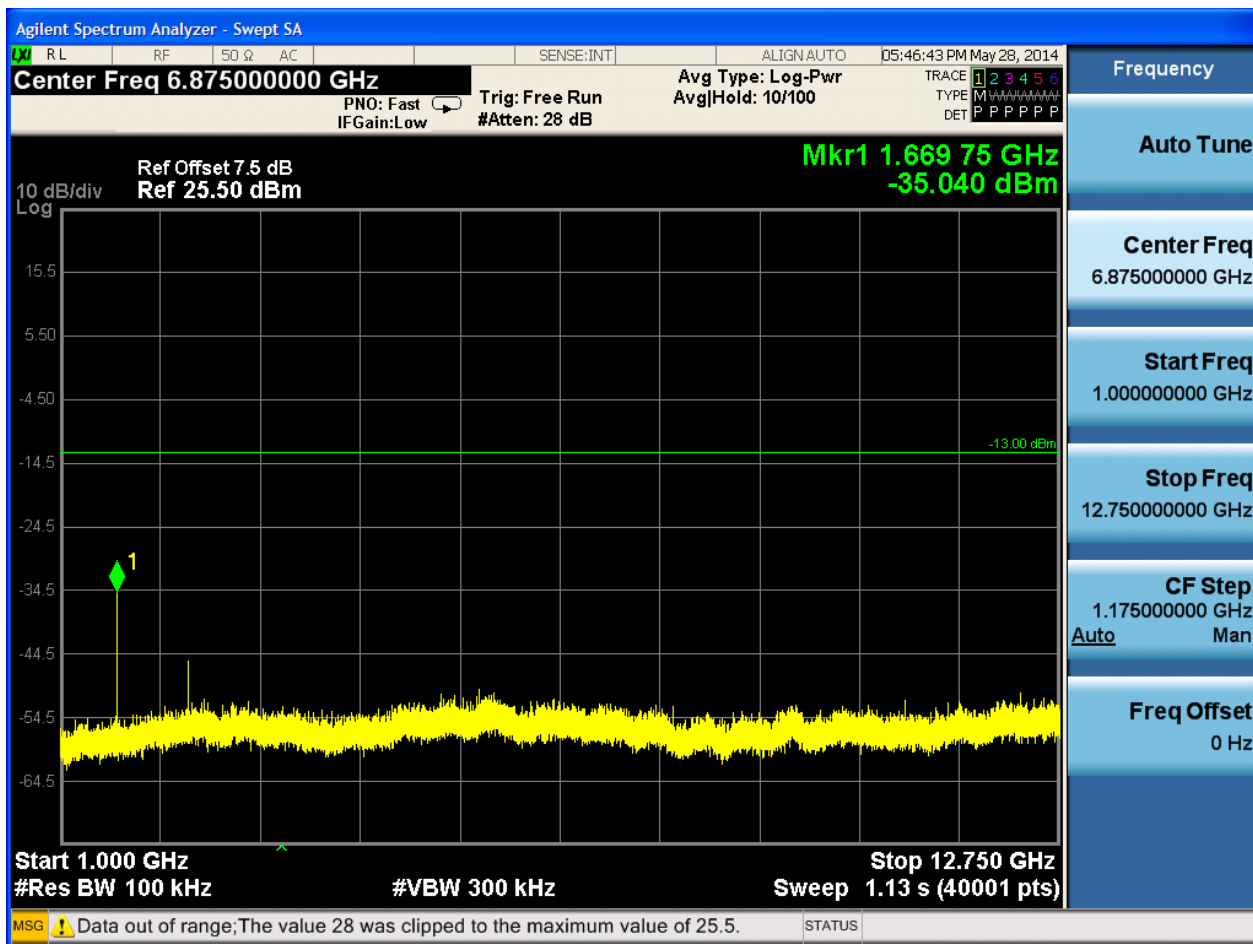
5.1.1.2.1.3 Test Channel = HCH

5.1.1.2.1.3.1 Test RB = RB1#0









6Appendix_F: 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

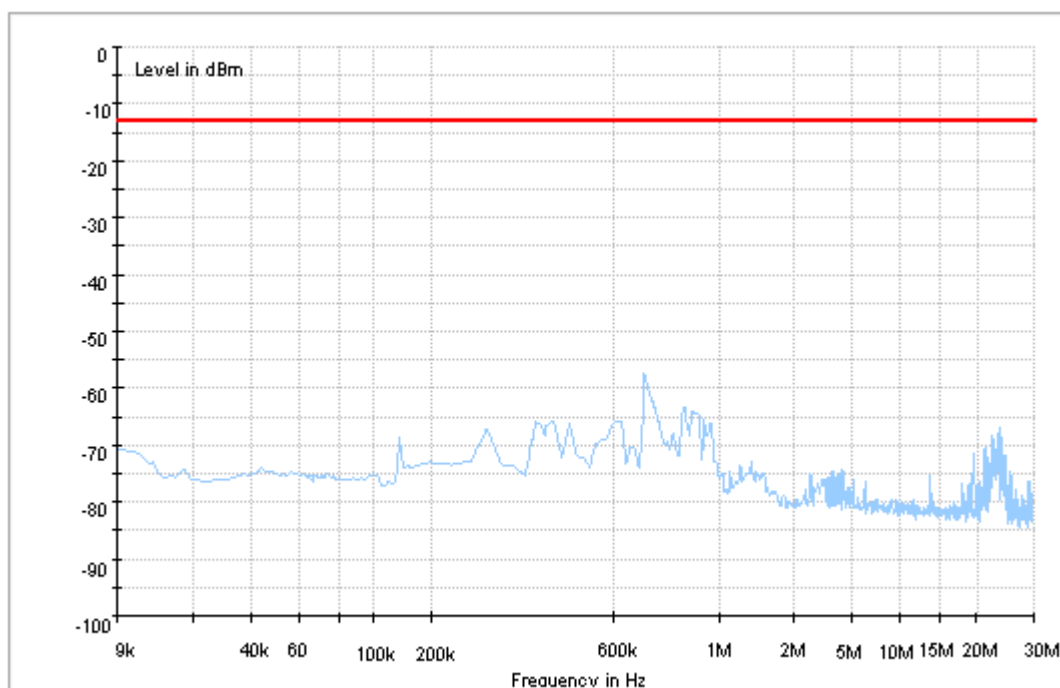
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

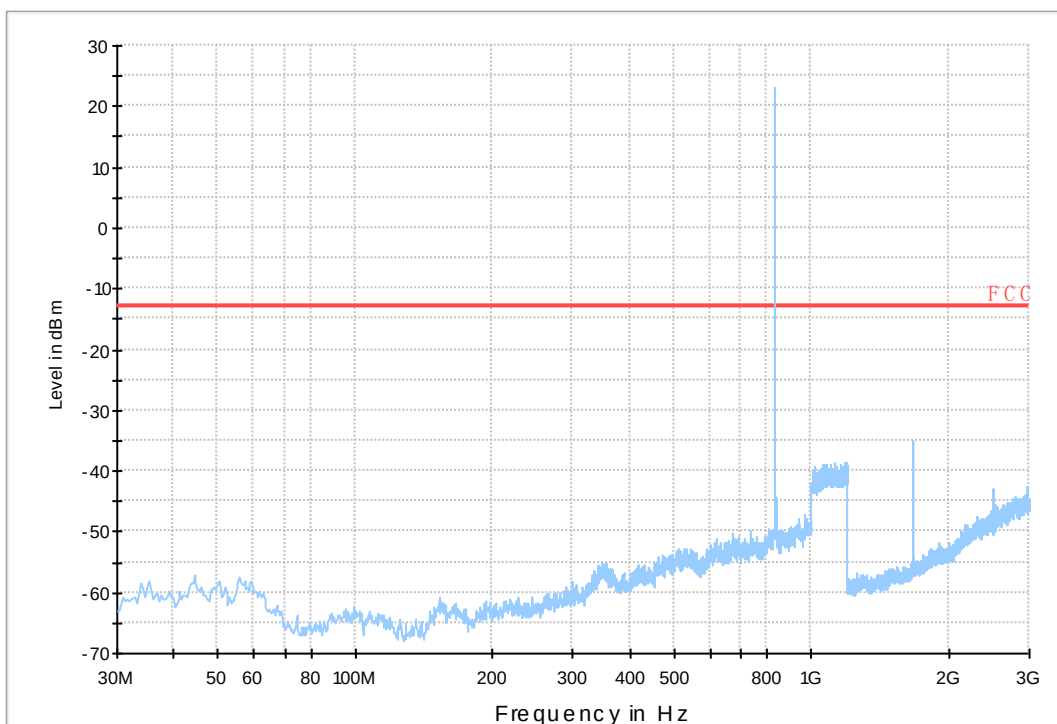
6.1 For LTE

6.1.1 Test Band = BAND26

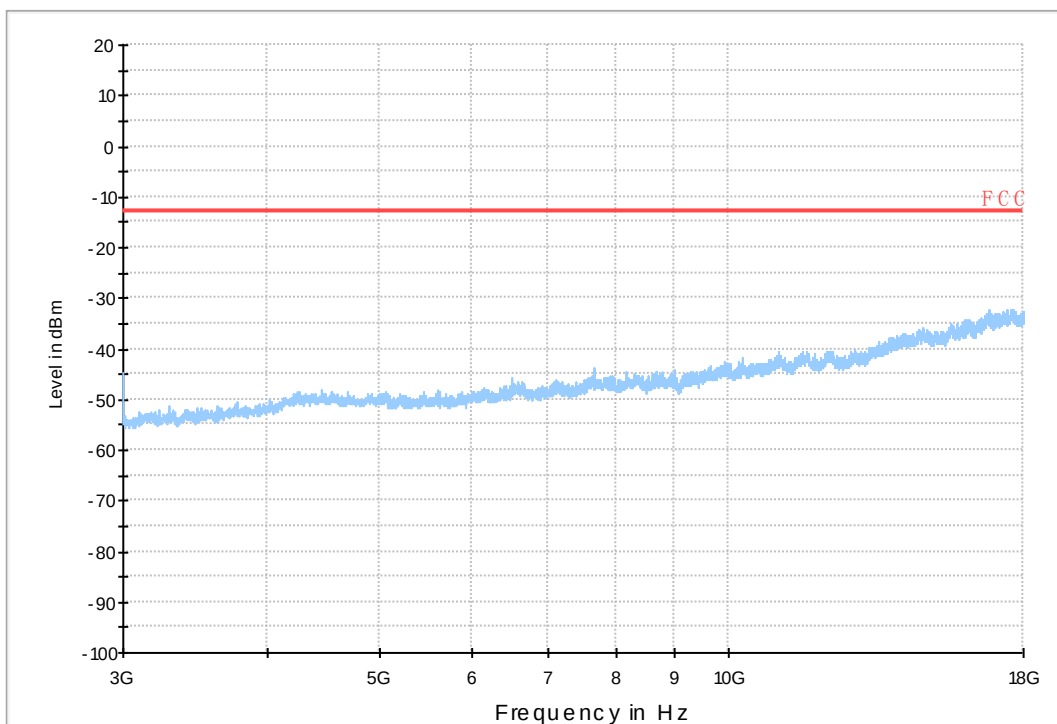
6.1.1.1 Test Bandwidth = 1.4



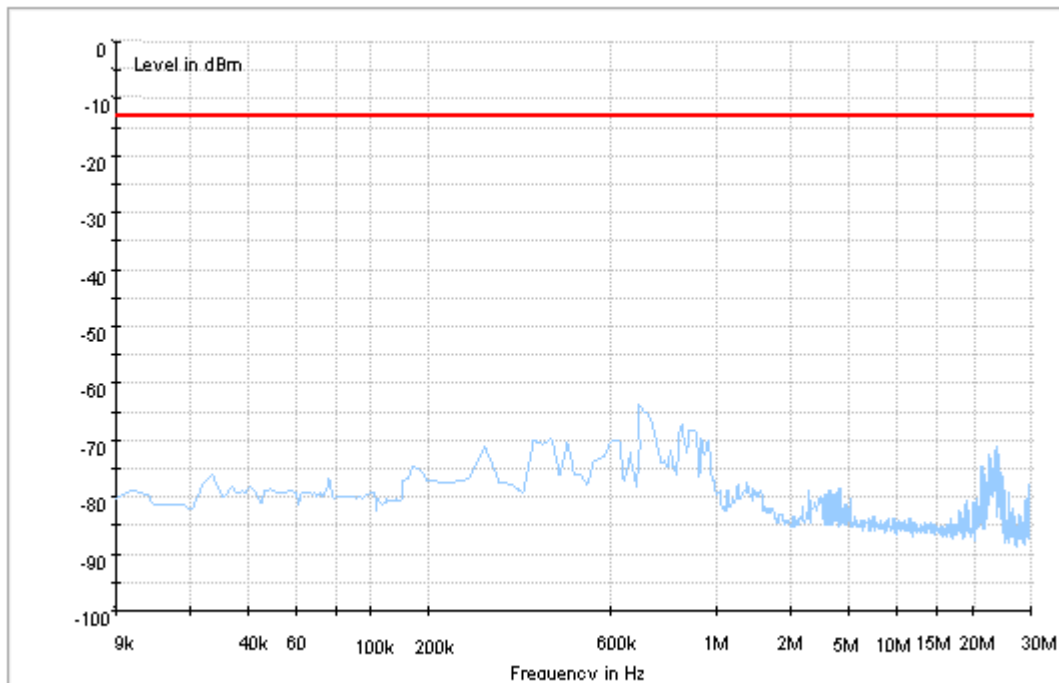
Copy of RSE-TX-DIRECTOR BELOW 1G_L



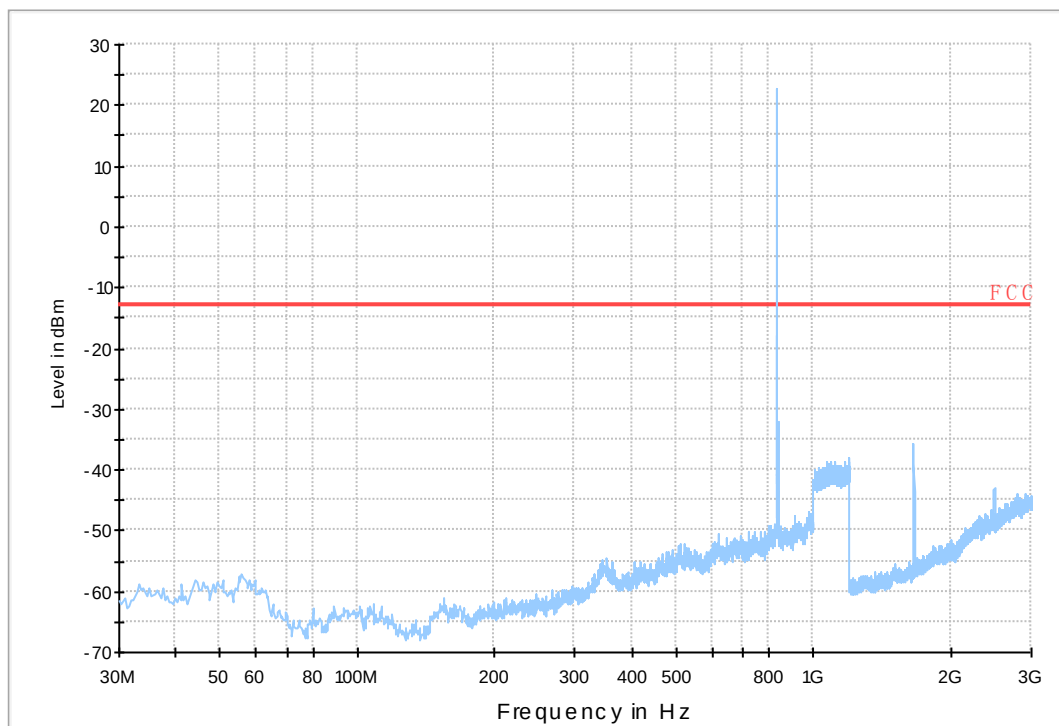
Copy of RSE-TX-DIRECTOR BELOW 1G_H



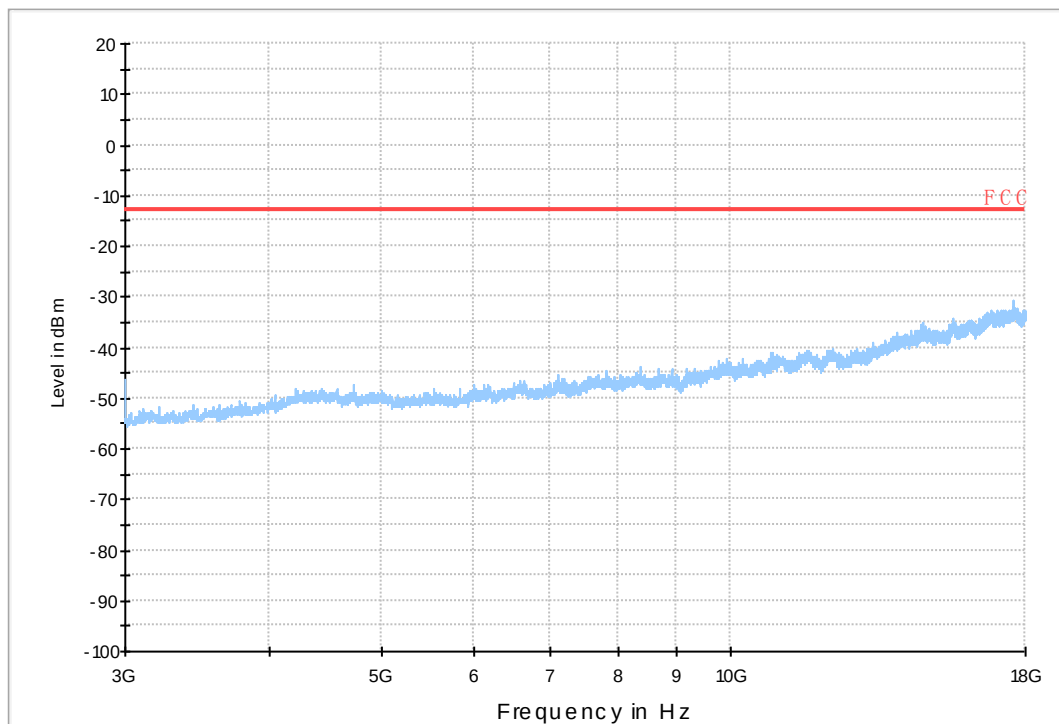
6.1.1.2 Test Bandwidth = 5



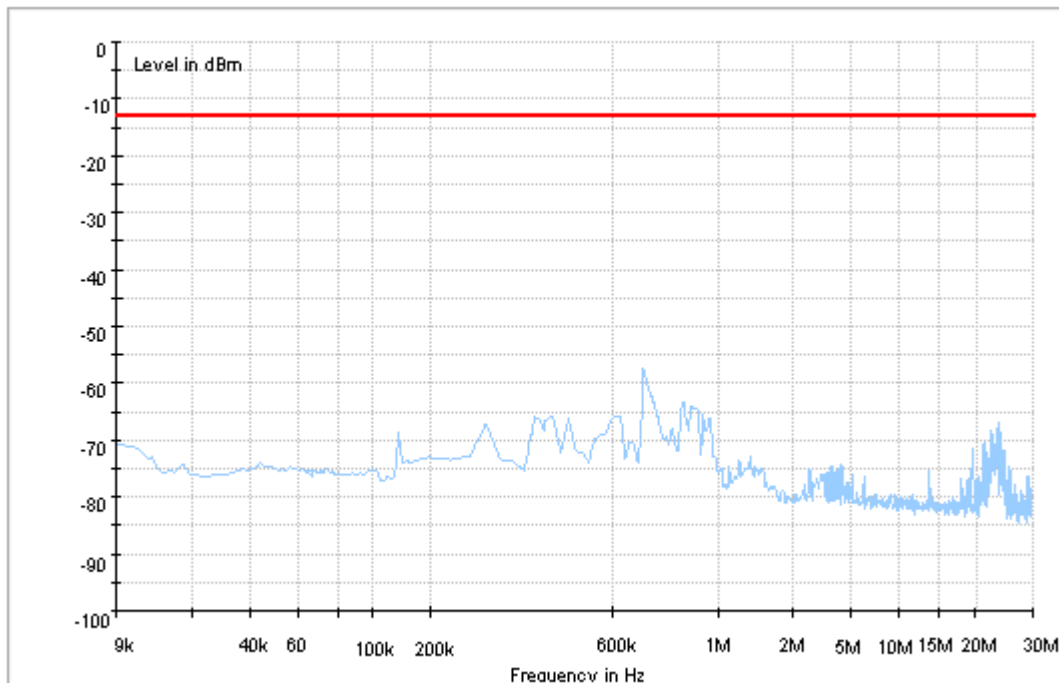
Copy of RSE-TX-DIRECTOR BELOW 1G_L



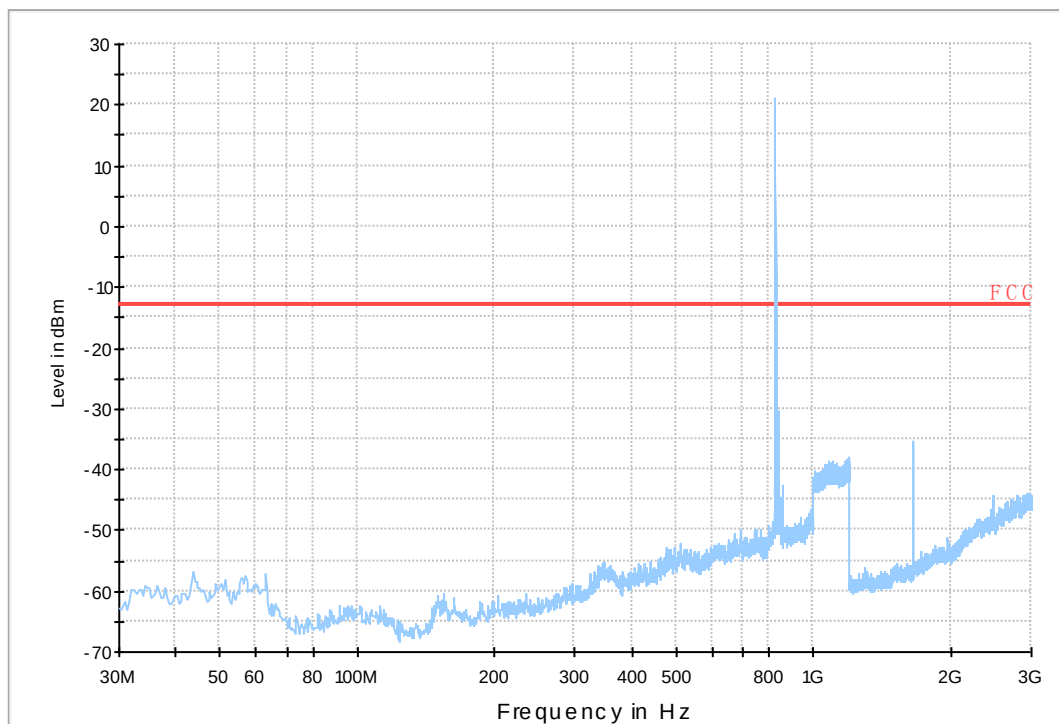
Copy of RSE-TX-DIRECTOR BELOW 1G_H



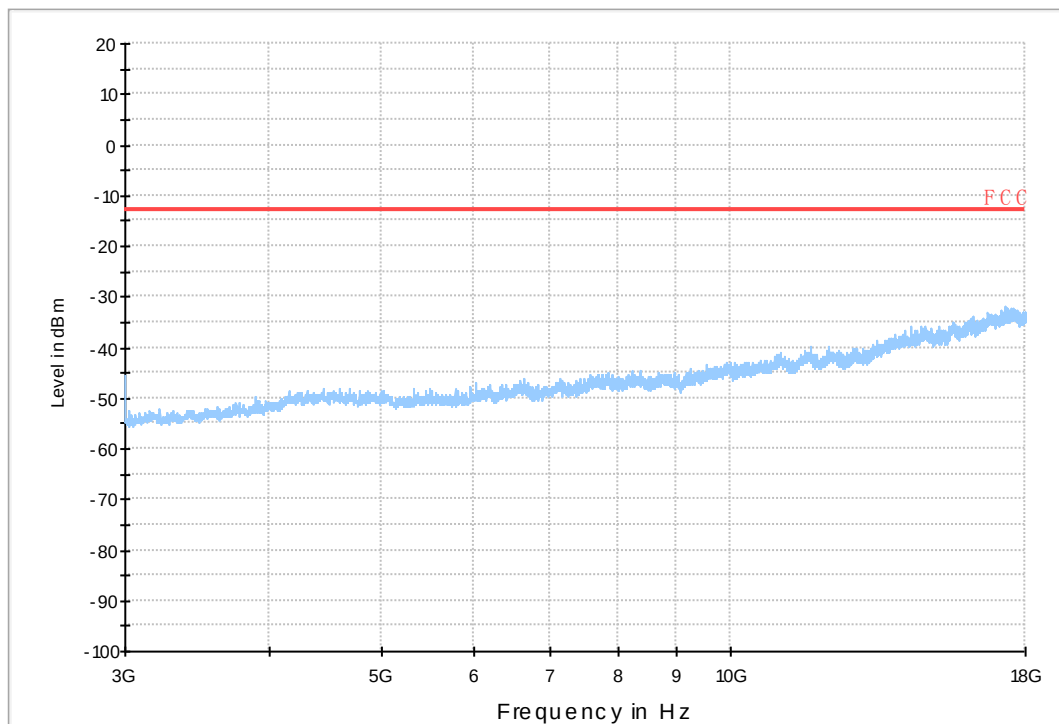
6.1.1.3 Test Bandwidth = 15



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



7Appendix_G: Frequency Stability

7.1 For LTE

7.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	TN	VL	-0.7	-0.00085	PASS
					VN	-1.97	-0.00239	PASS
					VH	-0.9	-0.00109	PASS
			MCH	TN	VL	1.56	0.00186	PASS
					VN	0.87	0.00104	PASS
					VH	0.4	0.00048	PASS
			HCH	TN	VL	-3.13	-0.00369	PASS
					VN	-2.13	-0.00251	PASS
					VH	1.22	0.00144	PASS
		3	LCH	TN	VL	-0.29	-0.00035	PASS
					VN	-2.1	-0.00254	PASS
					VH	-3.35	-0.00406	PASS
			MCH	TN	VL	0.99	0.00118	PASS
					VN	0.13	0.00016	PASS
					VH	1.1	0.00132	PASS
			HCH	TN	VL	-0.51	-0.0006	PASS
					VN	-0.44	-0.00052	PASS
					VH	-0.31	-0.00037	PASS
		5	LCH	TN	VL	-0.9	-0.00109	PASS
					VN	-1.27	-0.00154	PASS
					VH	0.29	0.00035	PASS
			MCH	TN	VL	1.09	0.0013	PASS
					VN	-0.13	-0.00016	PASS
					VH	0.49	0.00059	PASS
			HCH	TN	VL	-0.89	-0.00105	PASS
					VN	-1.22	-0.00144	PASS
					VH	-2.42	-0.00286	PASS
		10	LCH	TN	VL	0.44	0.00053	PASS
					VN	0.72	0.00087	PASS
					VH	0.96	0.00116	PASS
			MCH	TN	VL	0.07	0.00008	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	0.53	0.00063	PASS
					VH	0.92	0.0011	PASS
					VL	1.59	0.00188	PASS
					VN	1.5	0.00178	PASS
					VH	0.92	0.00109	PASS
					VL	-1.83	-0.0022	PASS
		15	LCH	TN	VN	-2.2	-0.00265	PASS
					VH	-2.47	-0.00297	PASS
					VL	0.53	0.00063	PASS
			MCH	TN	VN	0.41	0.00049	PASS
					VH	0.46	0.00055	PASS
					VL	-0.4	-0.00048	PASS
			HCH	TN	VN	-0.82	-0.00097	PASS
					VH	-0.2	-0.00024	PASS
					VL	-0.8	-0.00097	PASS
	LTE/TM2	1.4	LCH	TN	VN	-0.39	-0.00047	PASS
					VH	-2	-0.00243	PASS
					VL	-0.19	-0.00023	PASS
			MCH	TN	VN	-0.5	-0.0006	PASS
					VH	0.87	0.00104	PASS
					VL	-0.89	-0.00105	PASS
			HCH	TN	VN	-0.03	-0.00004	PASS
					VH	-0.82	-0.00097	PASS
					VL	-0.86	-0.00104	PASS
		3	LCH	TN	VN	-1.27	-0.00154	PASS
					VH	-0.79	-0.00096	PASS
					VL	0.6	0.00072	PASS
			MCH	TN	VN	-0.16	-0.00019	PASS
					VH	1.43	0.00171	PASS
					VL	-0.53	-0.00063	PASS
			HCH	TN	VN	-1.62	-0.00191	PASS
					VH	-1.89	-0.00223	PASS
					VL	-1.02	-0.00123	PASS
		5	LCH	TN	VN	-1.54	-0.00186	PASS
					VH	0.47	0.00057	PASS
					VL	0.19	0.00023	PASS
			MCH	TN	VN	0.46	0.00055	PASS
					VH	0.5	0.0006	PASS
					VL	-1.34	-0.00158	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-3.75	-0.00443	PASS
					VH	-1.54	-0.00182	PASS
		10	LCH	TN	VL	0.77	0.00093	PASS
					VN	0.04	0.00005	PASS
					VH	0.26	0.00031	PASS
			MCH	TN	VL	0.1	0.00012	PASS
					VN	0.39	0.00047	PASS
					VH	0.23	0.00027	PASS
			HCH	TN	VL	9.81	0.01162	PASS
					VN	0.21	0.00025	PASS
					VH	0.24	0.00028	PASS
		15	LCH	TN	VL	-2.86	-0.00344	PASS
					VN	-2.57	-0.00309	PASS
					VH	-2.37	-0.00285	PASS
			MCH	TN	VL	0.8	0.00096	PASS
					VN	1.37	0.00164	PASS
					VH	0.96	0.00115	PASS
			HCH	TN	VL	-1.27	-0.00151	PASS
					VN	-1.56	-0.00185	PASS
					VH	-0.46	-0.00055	PASS

7.1.2Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	VN	-30	0.19	0.00023	PASS
					-20	-1.12	-0.00136	PASS
					-10	-0.4	-0.00049	PASS
					0	-0.64	-0.00078	PASS
					10	0.09	0.00011	PASS
					20	-0.16	-0.00019	PASS
					30	-0.6	-0.00073	PASS
					40	0.92	0.00112	PASS
					50	-1.32	-0.0016	PASS
			MCH	VN	-30	0.56	0.00067	PASS
					-20	-0.67	-0.0008	PASS
					-10	0.07	0.00008	PASS
					0	1.32	0.00158	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.23	0.00147	PASS
					20	1.33	0.00159	PASS
					30	0.97	0.00116	PASS
					40	0.01	0.00001	PASS
					50	0.1	0.00012	PASS
			HCH	VN	-30	-1.12	-0.00132	PASS
					-20	-0.92	-0.00108	PASS
					-10	-1.65	-0.00195	PASS
					0	-1.06	-0.00125	PASS
					10	-1.06	-0.00125	PASS
					20	-1.95	-0.0023	PASS
					30	-2.49	-0.00294	PASS
					40	-3.32	-0.00391	PASS
					50	-1.12	-0.00132	PASS
		3	LCH	VN	-30	-2.36	-0.00286	PASS
					-20	-2.47	-0.00299	PASS
					-10	-2.49	-0.00302	PASS
					0	-4.71	-0.00571	PASS
					10	-1.54	-0.00187	PASS
					20	-1.83	-0.00222	PASS
					30	-1.89	-0.00229	PASS
					40	-2.78	-0.00337	PASS
					50	-1.04	-0.00126	PASS
			MCH	VN	-30	-0.56	-0.00067	PASS
					-20	0.79	0.00094	PASS
					-10	0.89	0.00106	PASS
					0	1.62	0.00194	PASS
					10	-0.23	-0.00027	PASS
					20	0.97	0.00116	PASS
					30	1.03	0.00123	PASS
					40	2.07	0.00247	PASS
					50	2.16	0.00258	PASS
			HCH	VN	-30	-1.44	-0.0017	PASS
					-20	0.43	0.00051	PASS
					-10	-0.66	-0.00078	PASS
					0	-1.14	-0.00135	PASS
					10	1.79	0.00211	PASS
					20	0.31	0.00037	PASS
					30	-2.56	-0.00302	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-2.76	-0.00326	PASS
					50	-0.39	-0.00046	PASS
		5	LCH	VN	-30	-0.86	-0.00104	PASS
					-20	-1.89	-0.00229	PASS
					-10	-2.03	-0.00246	PASS
					0	-0.4	-0.00048	PASS
					10	-1.02	-0.00123	PASS
					20	1.2	0.00145	PASS
					30	-1.54	-0.00186	PASS
					40	0.16	0.00019	PASS
					50	-1.49	-0.0018	PASS
			MCH	VN	-30	3.32	0.00397	PASS
					-20	1.43	0.00171	PASS
					-10	1.16	0.00139	PASS
					0	0.53	0.00063	PASS
					10	0.16	0.00019	PASS
					20	-0.16	-0.00019	PASS
					30	0.49	0.00059	PASS
					40	0.17	0.0002	PASS
					50	-0.06	-0.00007	PASS
			HCH	VN	-30	-1.82	-0.00215	PASS
					-20	-2.13	-0.00252	PASS
					-10	-1.07	-0.00126	PASS
					0	-1.9	-0.00224	PASS
					10	-2.12	-0.0025	PASS
					20	-1.65	-0.00195	PASS
					30	-2.55	-0.00301	PASS
					40	-2.29	-0.00271	PASS
					50	-3.86	-0.00456	PASS
		10	LCH	VN	-30	-0.39	-0.00047	PASS
					-20	0.72	0.00087	PASS
					-10	0.57	0.00069	PASS
					0	0.73	0.00088	PASS
					10	0.77	0.00093	PASS
					20	0.26	0.00031	PASS
					30	1.13	0.00136	PASS
					40	2.19	0.00264	PASS
					50	1.96	0.00236	PASS
			MCH	VN	-30	0.64	0.00077	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	0.56	0.00067	PASS
					-10	-0.33	-0.00039	PASS
					0	0.3	0.00036	PASS
					10	0.59	0.00071	PASS
					20	0.84	0.001	PASS
					30	0.16	0.00019	PASS
					40	1.53	0.00183	PASS
					50	2.12	0.00253	PASS
			HCH	VN	-30	0.5	0.00059	PASS
					-20	-0.43	-0.00051	PASS
					-10	0.44	0.00052	PASS
					0	1.02	0.00121	PASS
					10	-0.16	-0.00019	PASS
					20	0.49	0.00058	PASS
					30	2.42	0.00287	PASS
					40	-0.09	-0.00011	PASS
					50	-0.23	-0.00027	PASS
		15	LCH	VN	-30	-1.19	-0.00143	PASS
					-20	-2.2	-0.00265	PASS
					-10	-3.02	-0.00363	PASS
					0	-2.49	-0.00299	PASS
					10	-2.68	-0.00322	PASS
					20	-2.59	-0.00311	PASS
					30	-3.29	-0.00396	PASS
					40	-3.18	-0.00382	PASS
					50	-3.91	-0.0047	PASS
			MCH	VN	-30	0.94	0.00112	PASS
					-20	0.46	0.00055	PASS
					-10	0.93	0.00111	PASS
					0	1.5	0.00179	PASS
					10	-0.11	-0.00013	PASS
					20	0.07	0.00008	PASS
					30	1.16	0.00139	PASS
					40	0.7	0.00084	PASS
					50	1.33	0.00159	PASS
			HCH	VN	-30	-0.16	-0.00019	PASS
					-20	-2.59	-0.00308	PASS
					-10	-2	-0.00238	PASS
					0	-1.27	-0.00151	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.36	-0.00162	PASS
					20	-0.79	-0.00094	PASS
					30	-0.72	-0.00086	PASS
					40	0.09	0.00011	PASS
					50	-1.82	-0.00216	PASS
	LTE/TM2	1.4	LCH	VN	-30	-2.75	-0.00333	PASS
					-20	-2.13	-0.00258	PASS
					-10	-2.73	-0.00331	PASS
					0	1.13	0.00137	PASS
					10	-1.67	-0.00202	PASS
					20	-0.64	-0.00078	PASS
					30	-1.63	-0.00198	PASS
					40	-1.2	-0.00146	PASS
					50	-1.93	-0.00234	PASS
			MCH	VN	-30	0.37	0.00044	PASS
					-20	-0.63	-0.00075	PASS
					-10	-0.63	-0.00075	PASS
					0	-0.2	-0.00024	PASS
					10	1.16	0.00139	PASS
					20	-0.53	-0.00063	PASS
					30	1.32	0.00158	PASS
					40	1.66	0.00198	PASS
					50	2.9	0.00347	PASS
			HCH	VN	-30	-2.89	-0.00341	PASS
					-20	-1.26	-0.00149	PASS
					-10	-3.13	-0.00369	PASS
					0	-0.7	-0.00083	PASS
					10	-1.96	-0.00231	PASS
					20	-0.99	-0.00117	PASS
					30	-2.65	-0.00312	PASS
					40	-1.34	-0.00158	PASS
					50	-1.54	-0.00182	PASS
		3	LCH	VN	-30	-0.5	-0.00061	PASS
					-20	-1.49	-0.0018	PASS
					-10	-2.59	-0.00314	PASS
					0	-4.16	-0.00504	PASS
					10	-2.32	-0.00281	PASS
					20	-0.23	-0.00028	PASS
					30	-2.35	-0.00285	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-2.13	-0.00258	PASS
					50	-2.99	-0.00362	PASS
			MCH	VN	-30	-0.46	-0.00055	PASS
					-20	0.43	0.00051	PASS
					-10	1.07	0.00128	PASS
					0	-1.03	-0.00123	PASS
					10	0.76	0.00091	PASS
					20	0.62	0.00074	PASS
					30	-0.51	-0.00061	PASS
					40	1.04	0.00124	PASS
					50	1.26	0.00151	PASS
			HCH	VN	-30	-1.85	-0.00218	PASS
					-20	-0.03	-0.00004	PASS
					-10	0.09	0.00011	PASS
					0	-0.96	-0.00113	PASS
					10	-0.6	-0.00071	PASS
					20	-0.86	-0.00101	PASS
					30	-2.45	-0.00289	PASS
					40	-1.46	-0.00172	PASS
					50	-2.42	-0.00286	PASS
		5	LCH	VN	-30	0.54	0.00065	PASS
					-20	-2.37	-0.00287	PASS
					-10	-0.64	-0.00077	PASS
					0	-0.62	-0.00075	PASS
					10	-1.27	-0.00154	PASS
					20	-2.16	-0.00261	PASS
					30	-1.03	-0.00125	PASS
					40	-0.69	-0.00083	PASS
					50	-0.96	-0.00116	PASS
			MCH	VN	-30	2.63	0.00314	PASS
					-20	0.62	0.00074	PASS
					-10	1.07	0.00128	PASS
					0	1.42	0.0017	PASS
					10	0.07	0.00008	PASS
					20	-0.7	-0.00084	PASS
					30	0.51	0.00061	PASS
					40	-0.01	-0.00001	PASS
					50	0.72	0.00086	PASS
			HCH	VN	-30	-0.7	-0.00083	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-1.89	-0.00223	PASS
					-10	-2.06	-0.00243	PASS
					0	-1.95	-0.0023	PASS
					10	-15.95	-0.01884	PASS
					20	-1.87	-0.00221	PASS
					30	-3.63	-0.00429	PASS
					40	6.54	0.00773	PASS
					50	3.55	0.00419	PASS
		10	LCH	VN	-30	1.27	0.00153	PASS
					-20	0.73	0.00088	PASS
					-10	0.34	0.00041	PASS
					0	-0.24	-0.00029	PASS
					10	0.94	0.00113	PASS
					20	0.46	0.00055	PASS
					30	0.77	0.00093	PASS
					40	1.32	0.00159	PASS
					50	0.56	0.00068	PASS
			MCH	VN	-30	1.43	0.00171	PASS
					-20	0.56	0.00067	PASS
					-10	0.82	0.00098	PASS
					0	0.44	0.00053	PASS
					10	1.12	0.00134	PASS
					20	-0.2	-0.00024	PASS
					30	0.13	0.00016	PASS
					40	-0.21	-0.00025	PASS
					50	-0.41	-0.00049	PASS
			HCH	VN	-30	0.79	0.00094	PASS
					-20	0.54	0.00064	PASS
					-10	0.29	0.00034	PASS
					0	1.93	0.00229	PASS
					10	0.07	0.00008	PASS
					20	1.33	0.00158	PASS
					30	-3.66	-0.00434	PASS
					40	0.34	0.0004	PASS
					50	1.09	0.00129	PASS
		15	LCH	VN	-30	-2.49	-0.00299	PASS
					-20	-1.4	-0.00168	PASS
					-10	-3.08	-0.0037	PASS
					0	-2.72	-0.00327	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.79	-0.00336	PASS
					20	-2.1	-0.00253	PASS
					30	-2.8	-0.00337	PASS
					40	-2.19	-0.00263	PASS
					50	-3.13	-0.00376	PASS
			MCH	VN	-30	0.87	0.00104	PASS
					-20	0.39	0.00047	PASS
					-10	1.27	0.00152	PASS
					0	0.6	0.00072	PASS
					10	1.44	0.00172	PASS
					20	-0.26	-0.00031	PASS
					30	0.93	0.00111	PASS
					40	0.83	0.00099	PASS
					50	1.62	0.00194	PASS
			HCH	VN	-30	-1.43	-0.0017	PASS
					-20	-0.96	-0.00114	PASS
					-10	-0.79	-0.00094	PASS
					0	-3.55	-0.00422	PASS
					10	-0.6	-0.00071	PASS
					20	-1.47	-0.00175	PASS
					30	-0.77	-0.00092	PASS
					40	-0.17	-0.0002	PASS
					50	-2.05	-0.00244	PASS

END