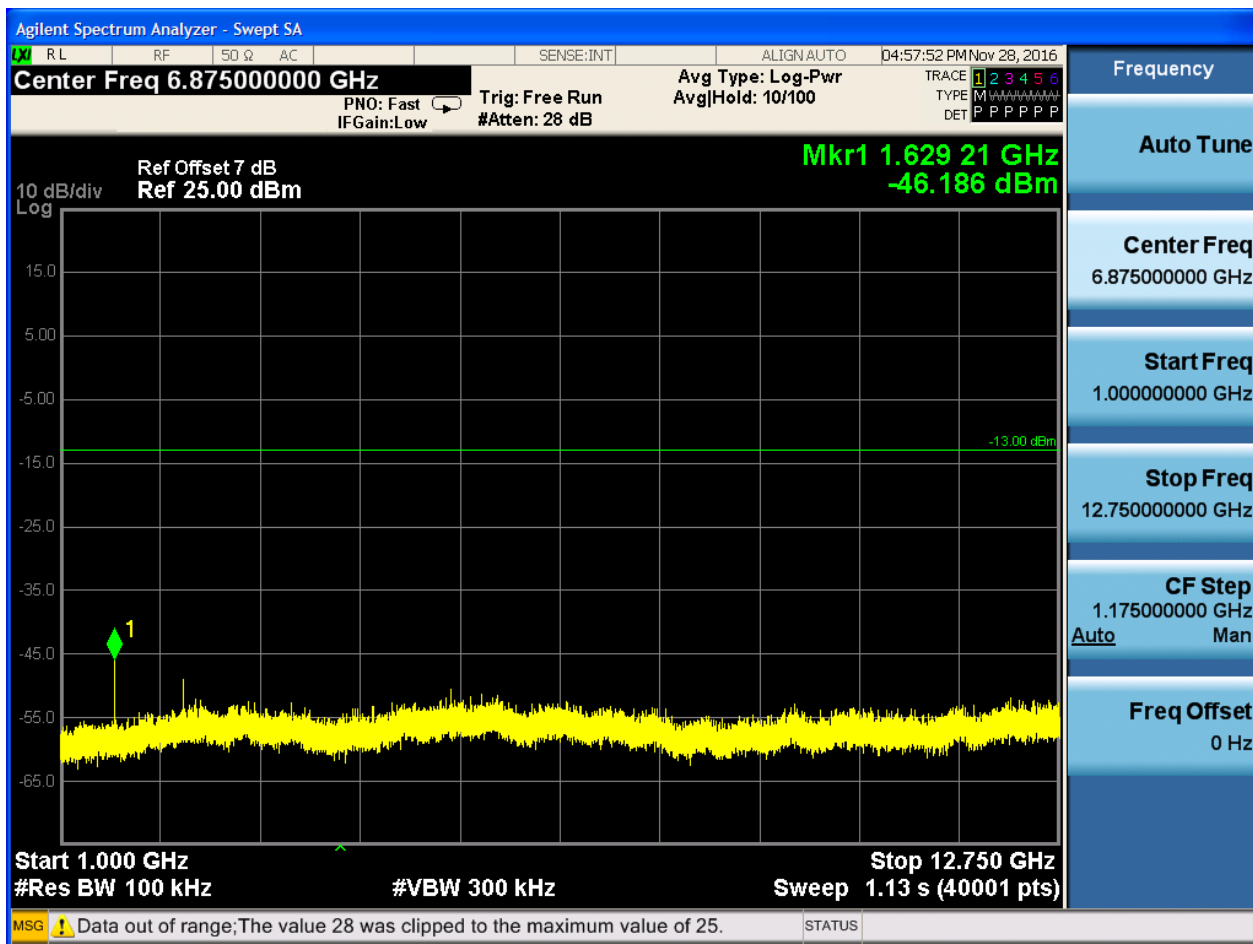




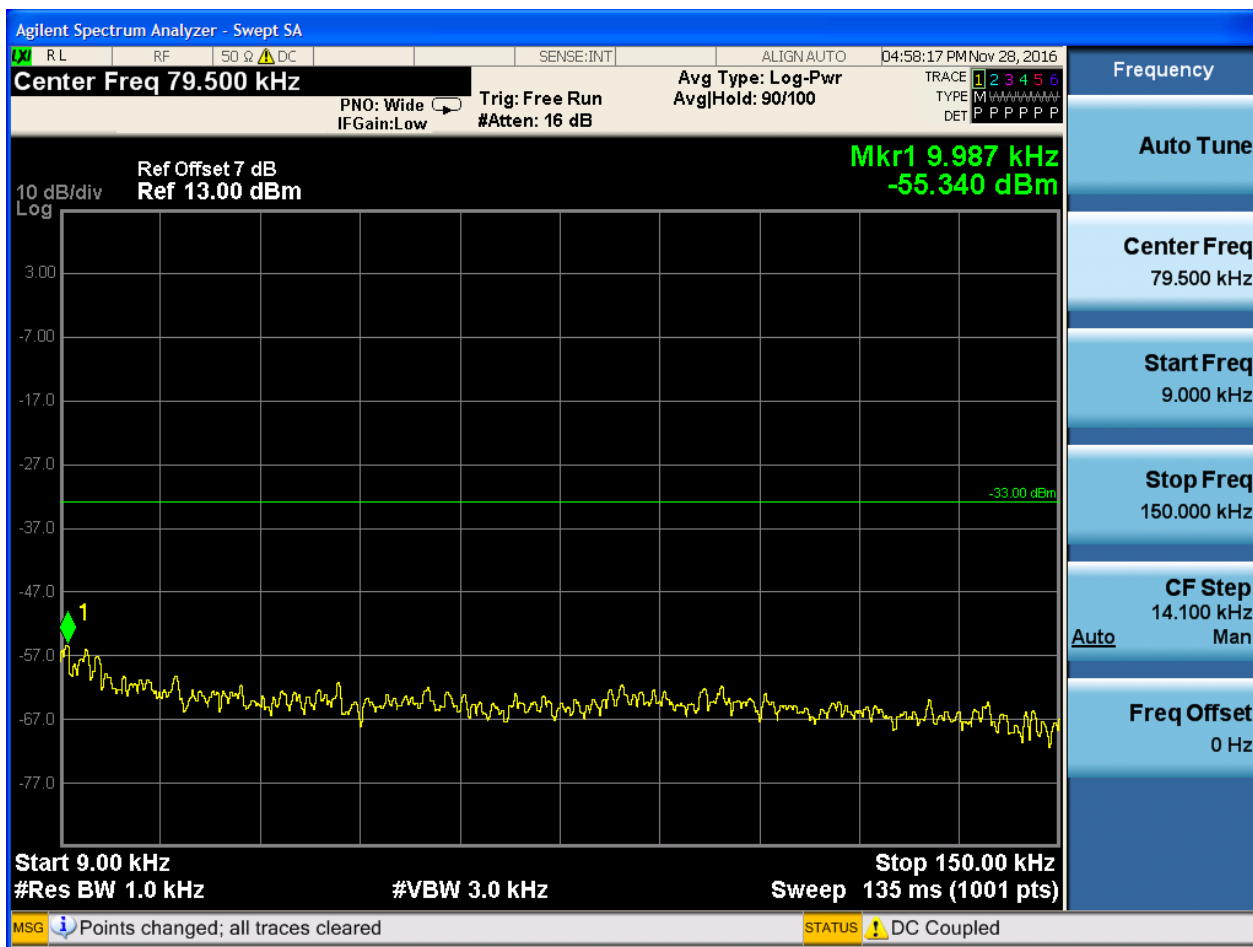


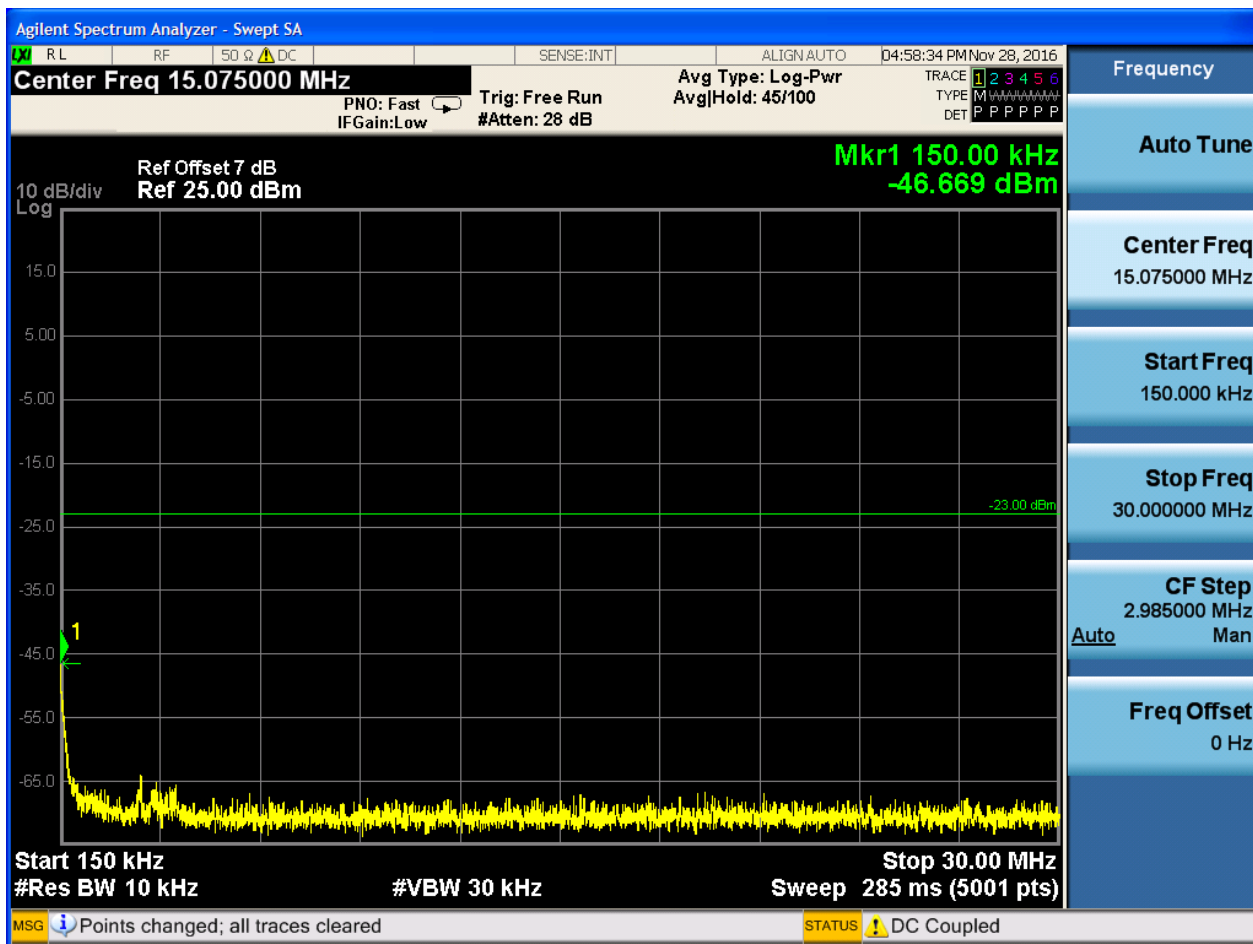
6.1.1.2 Test Mode = LTE/TM2

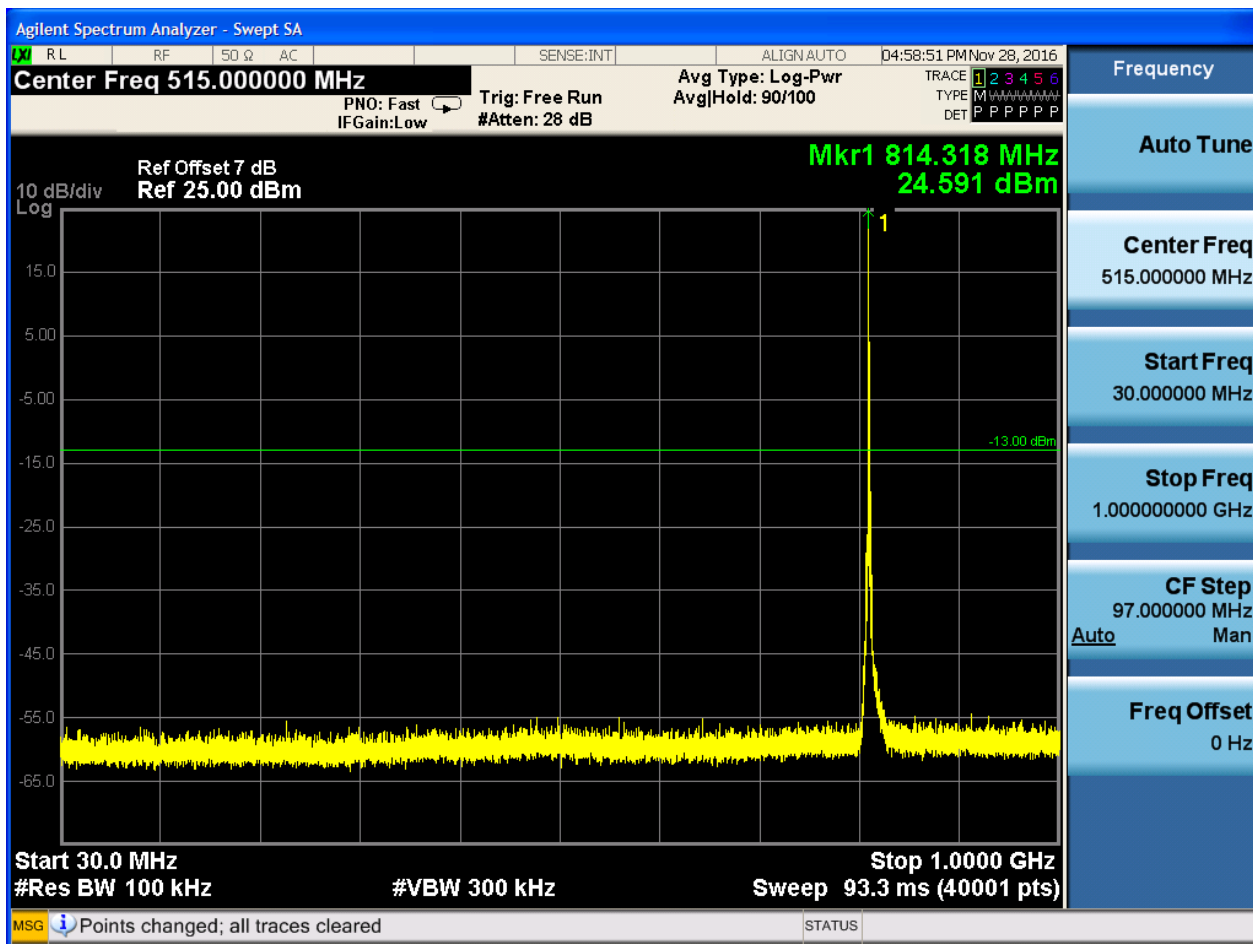
6.1.1.2.1 Test Bandwidth = 1.4

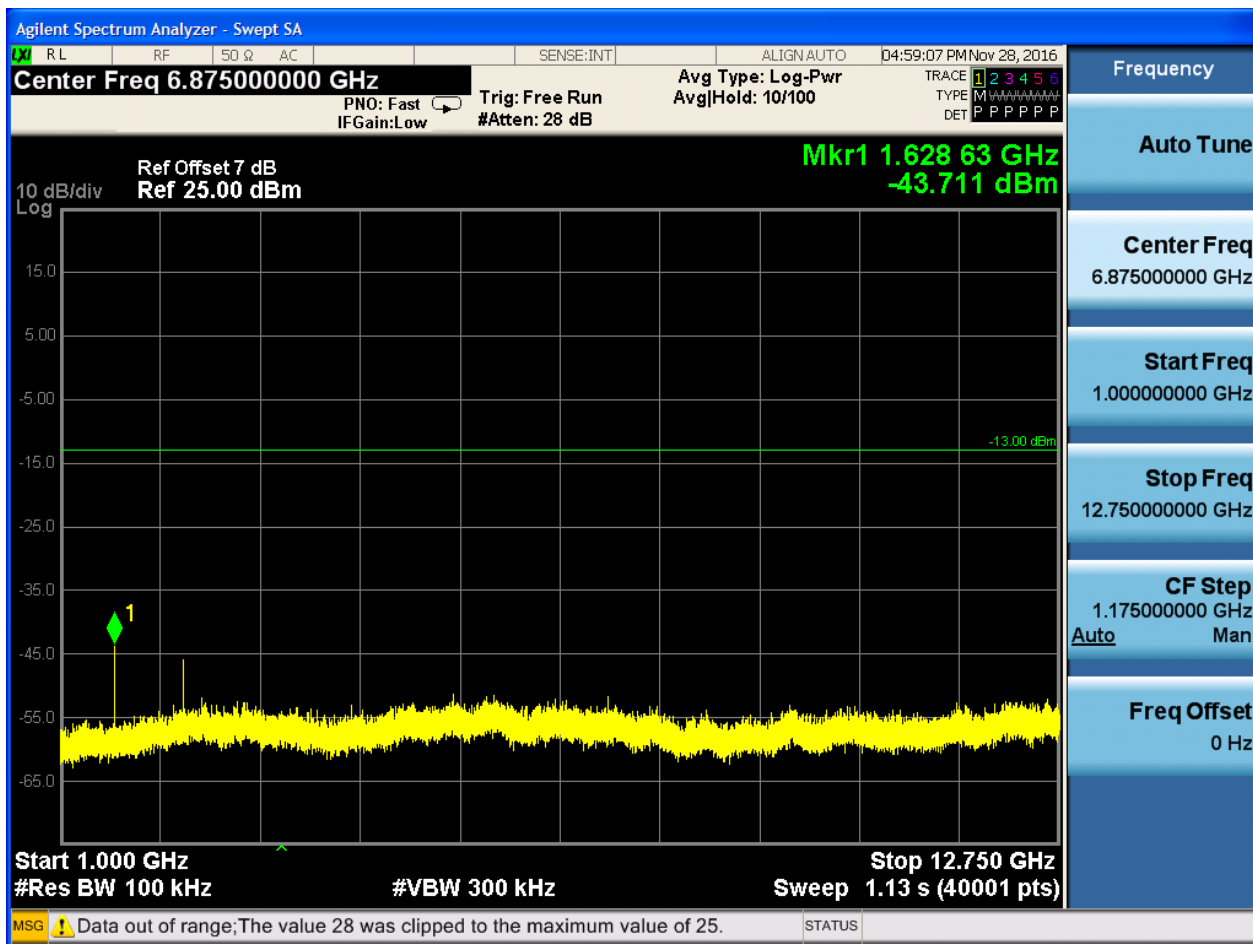
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0





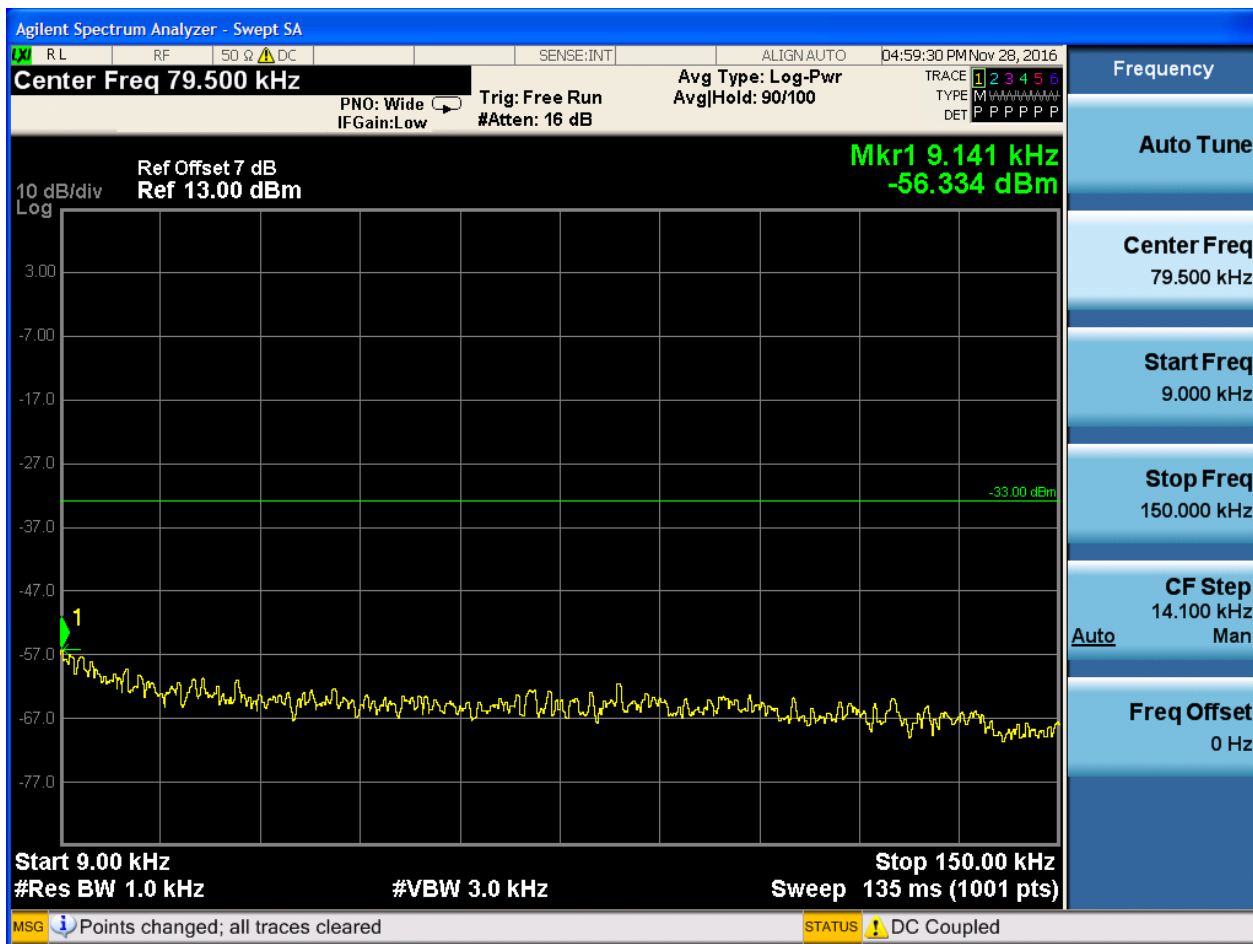




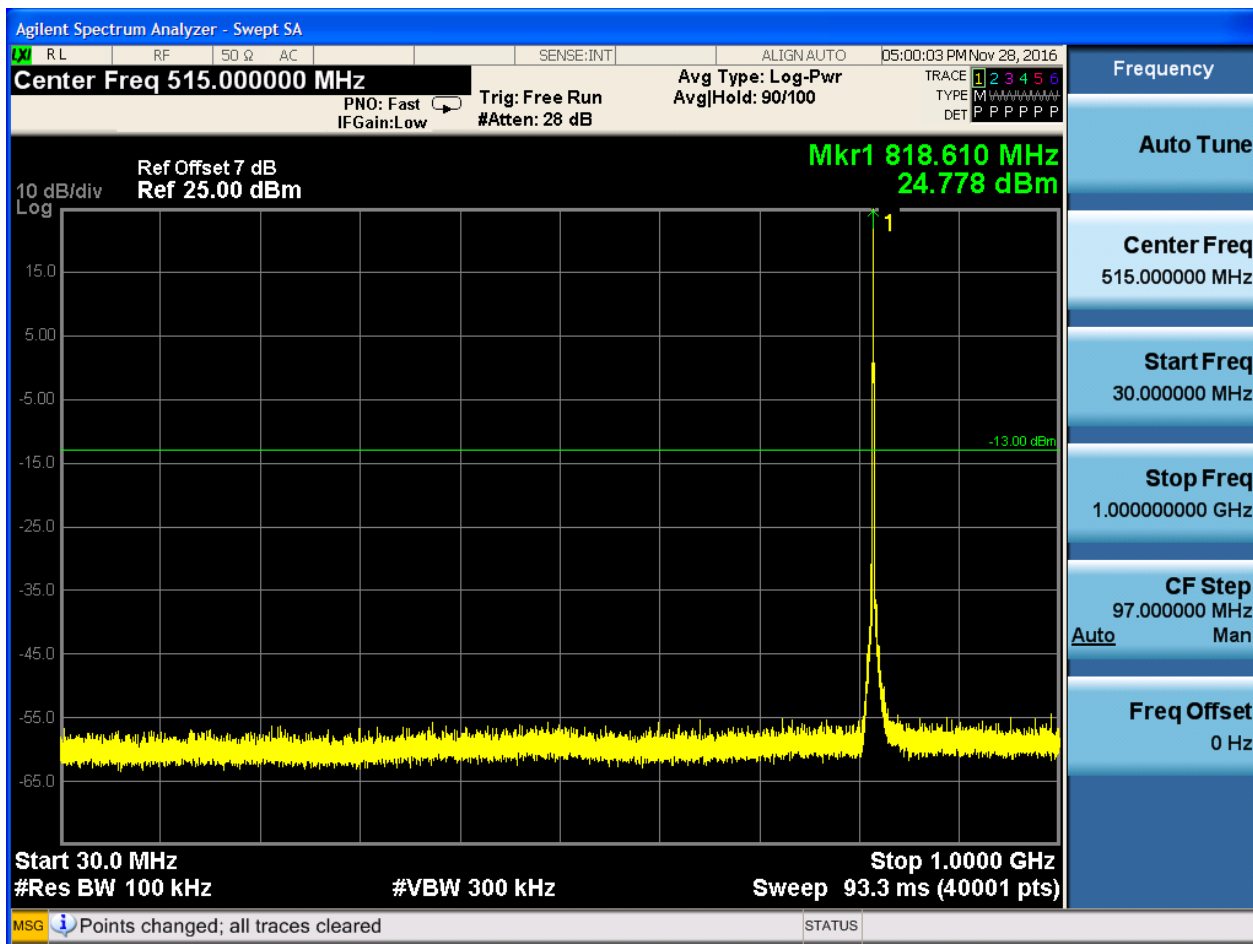


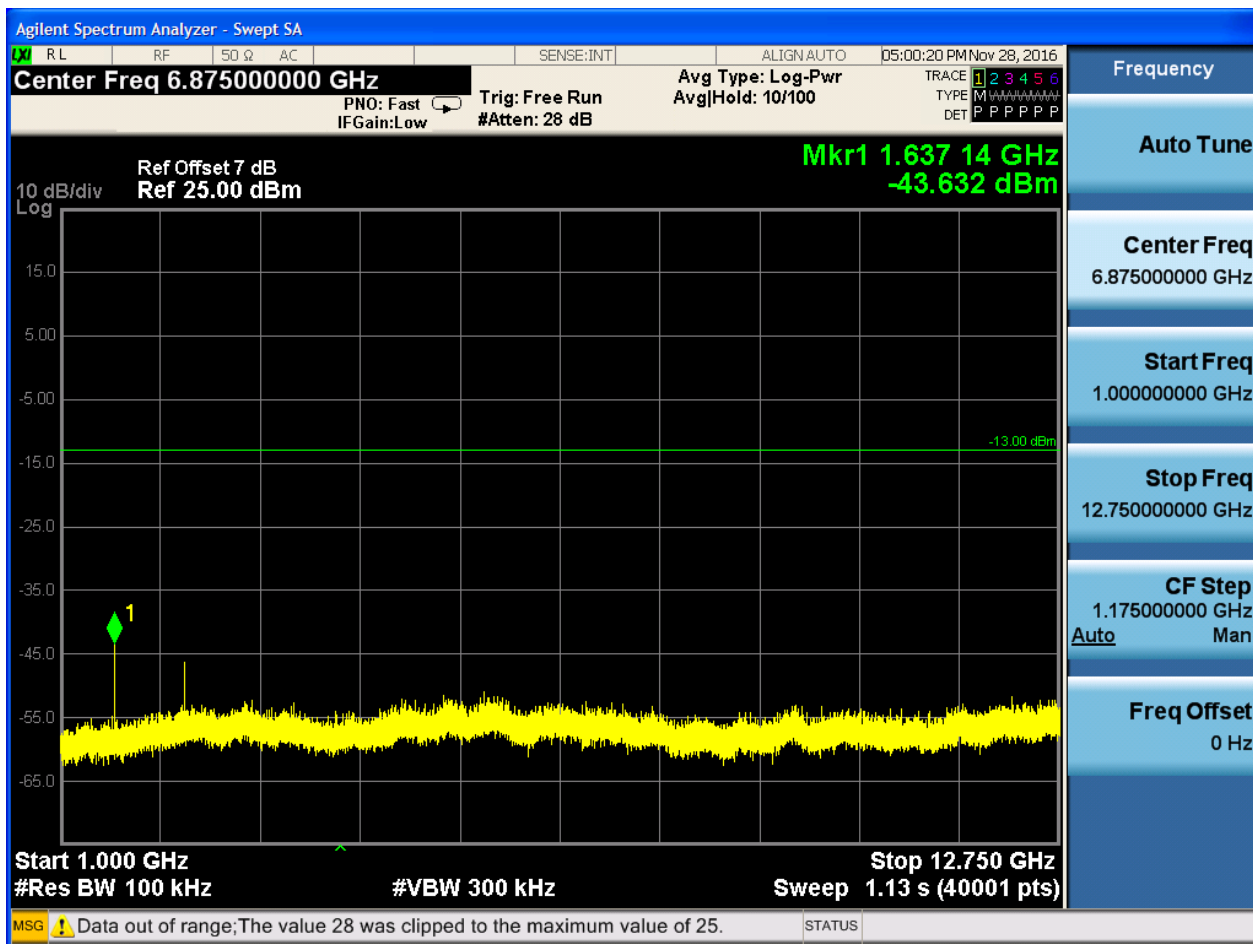
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0





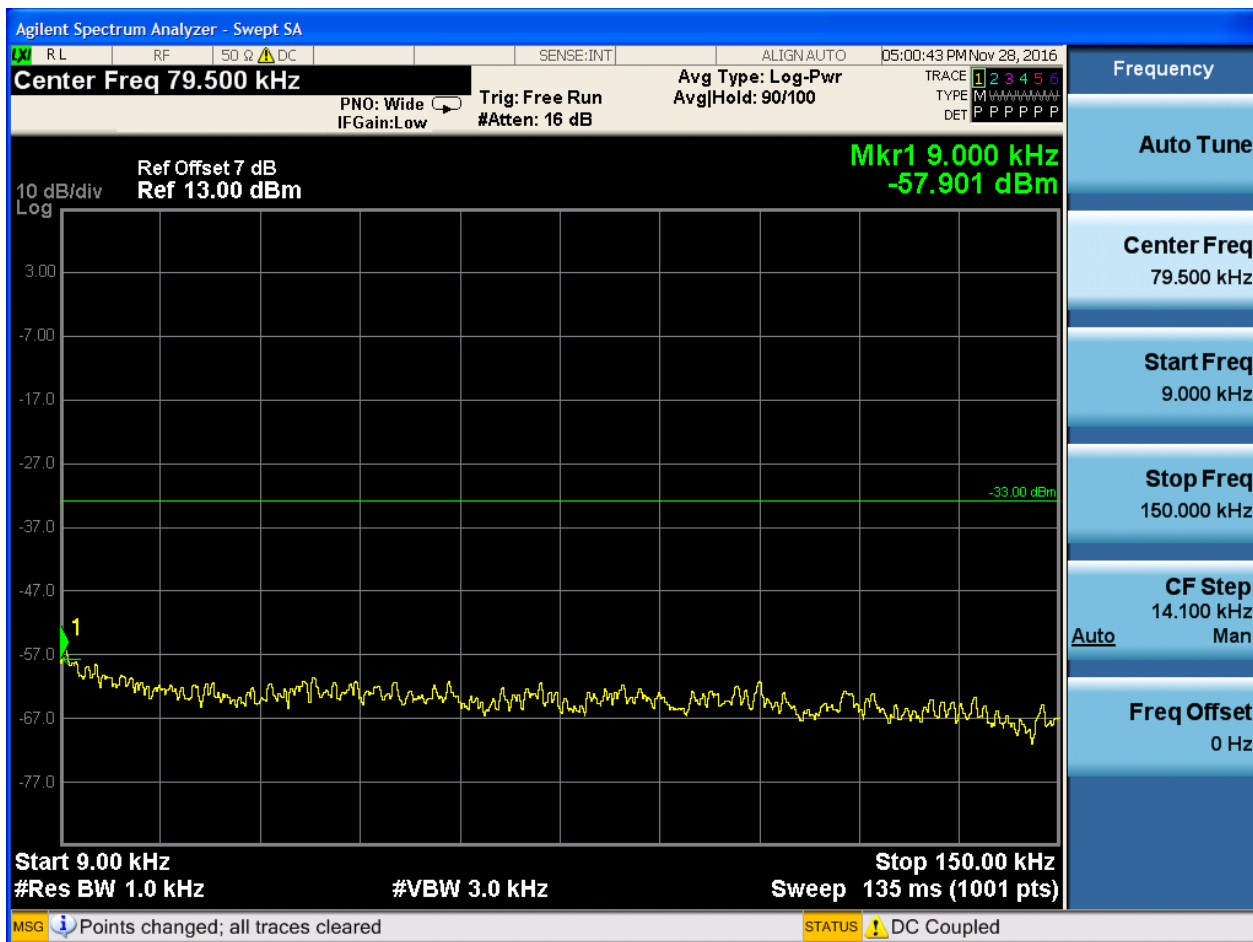


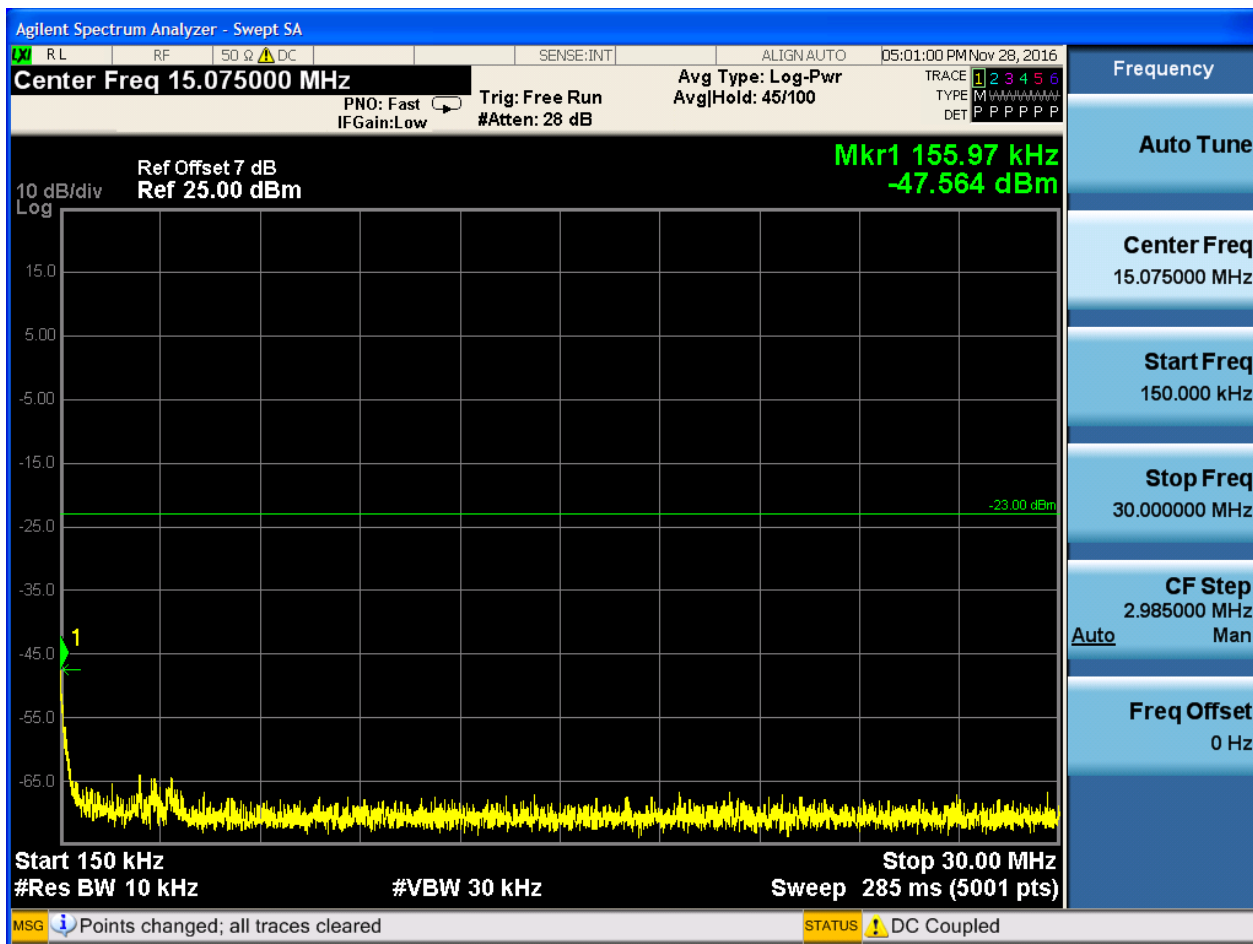


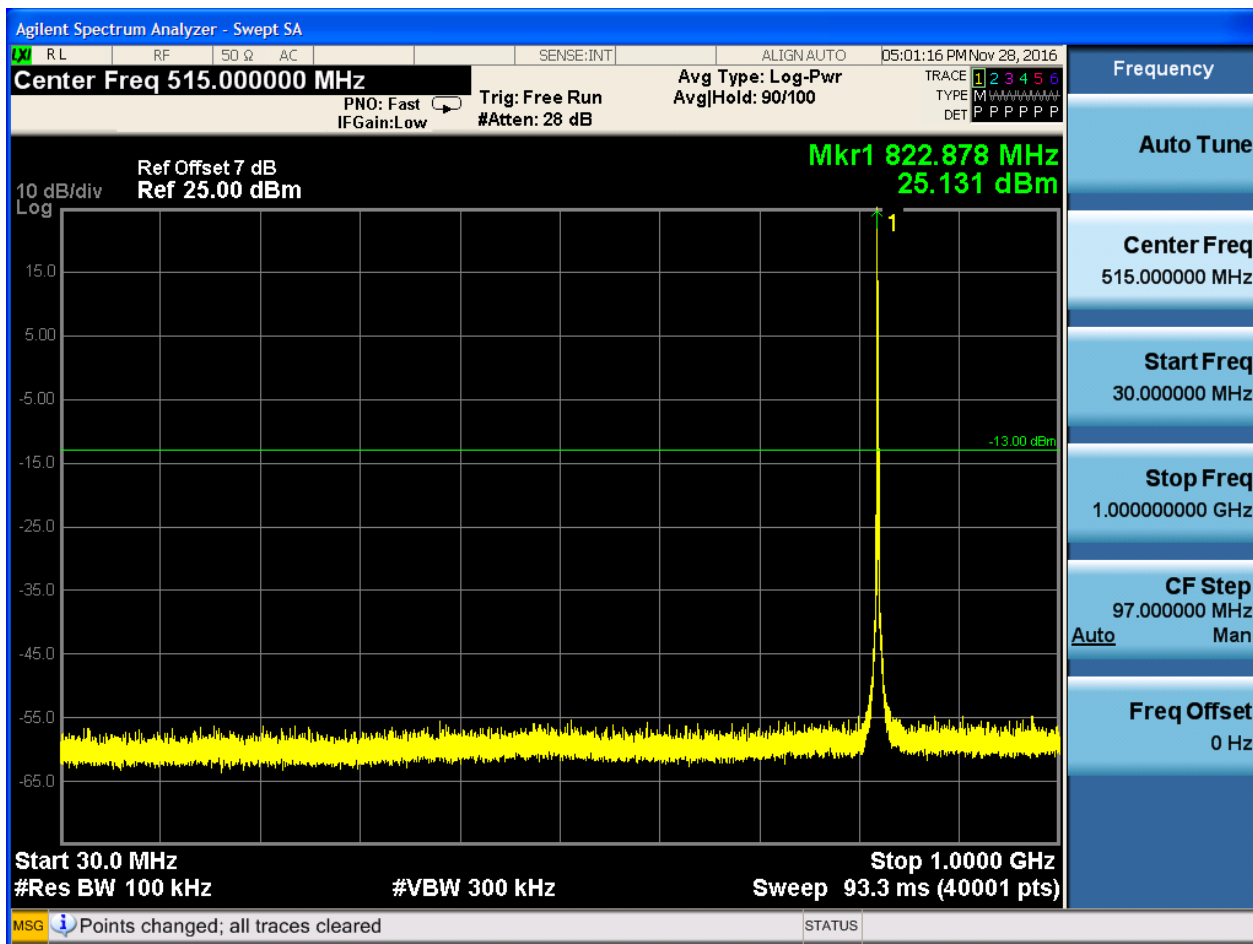


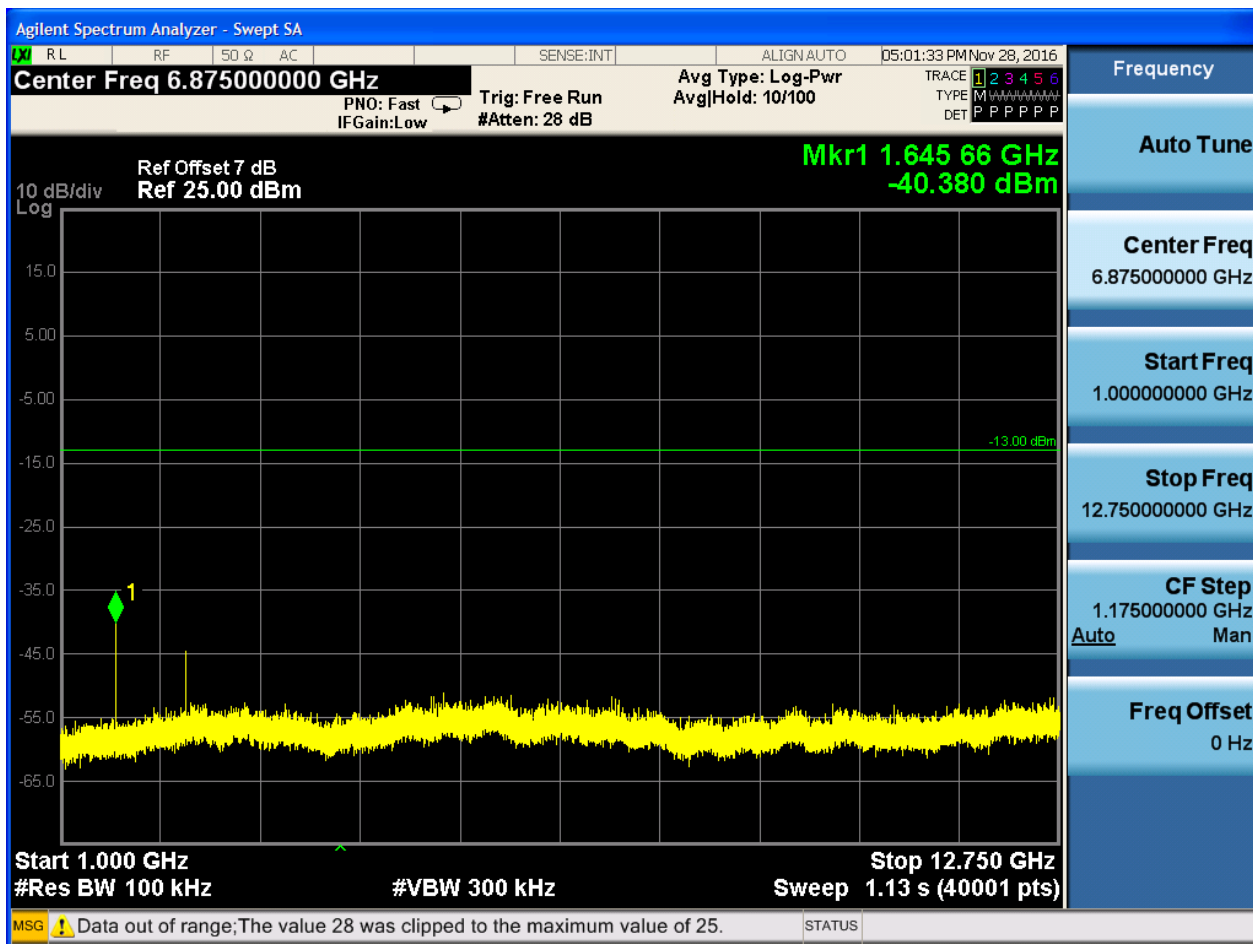
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







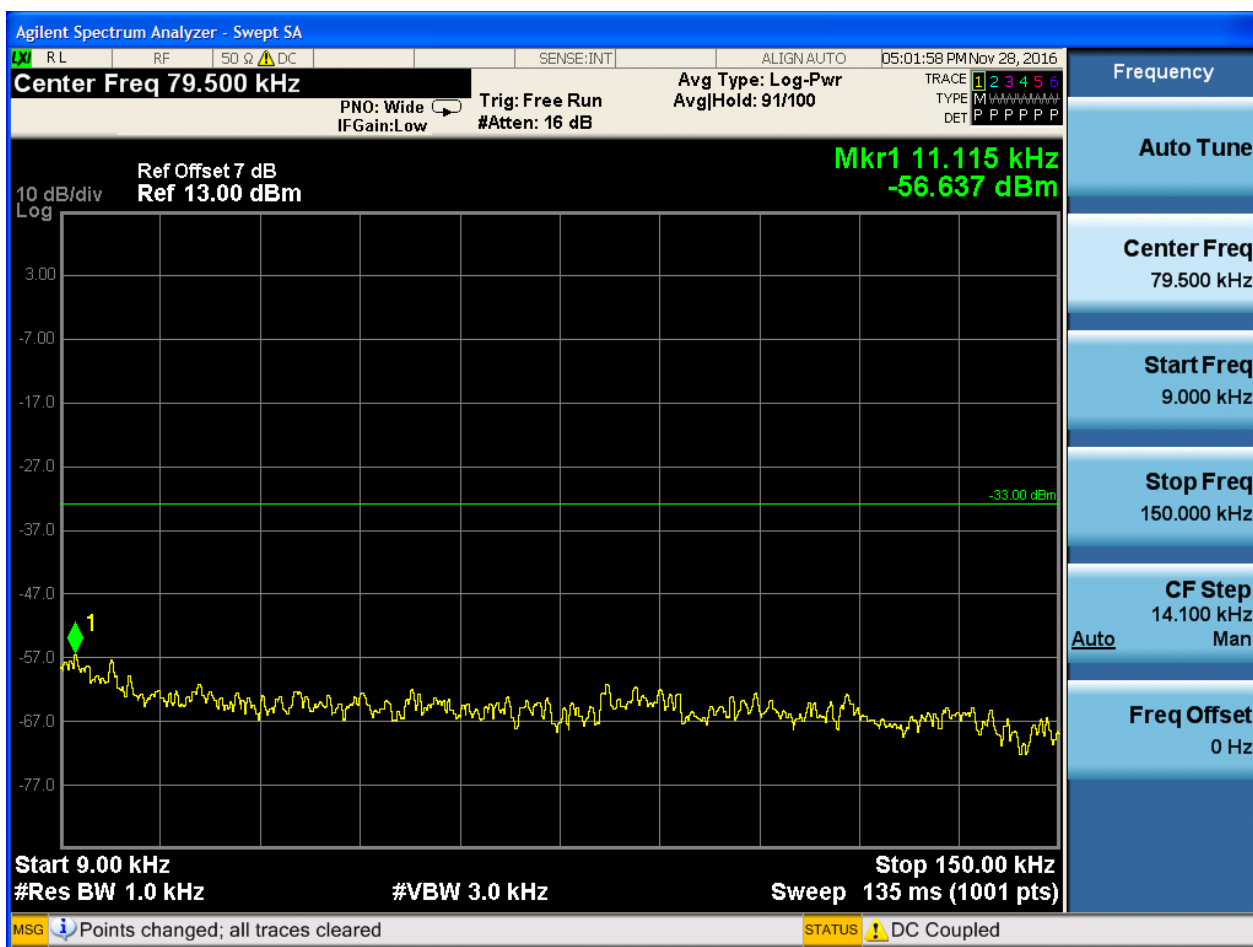




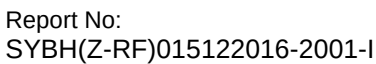
6.1.1.2.2 Test Bandwidth = 3

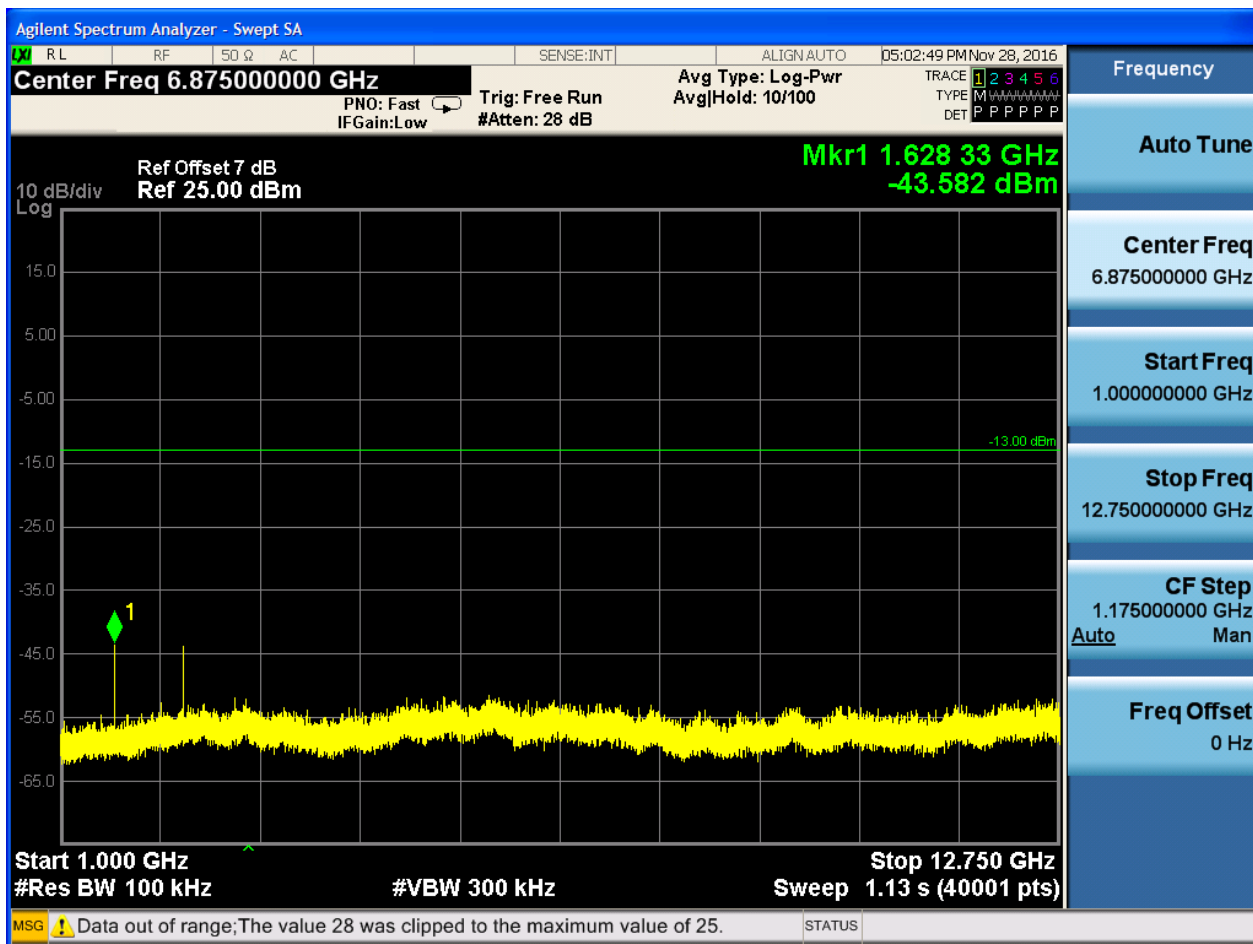
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0





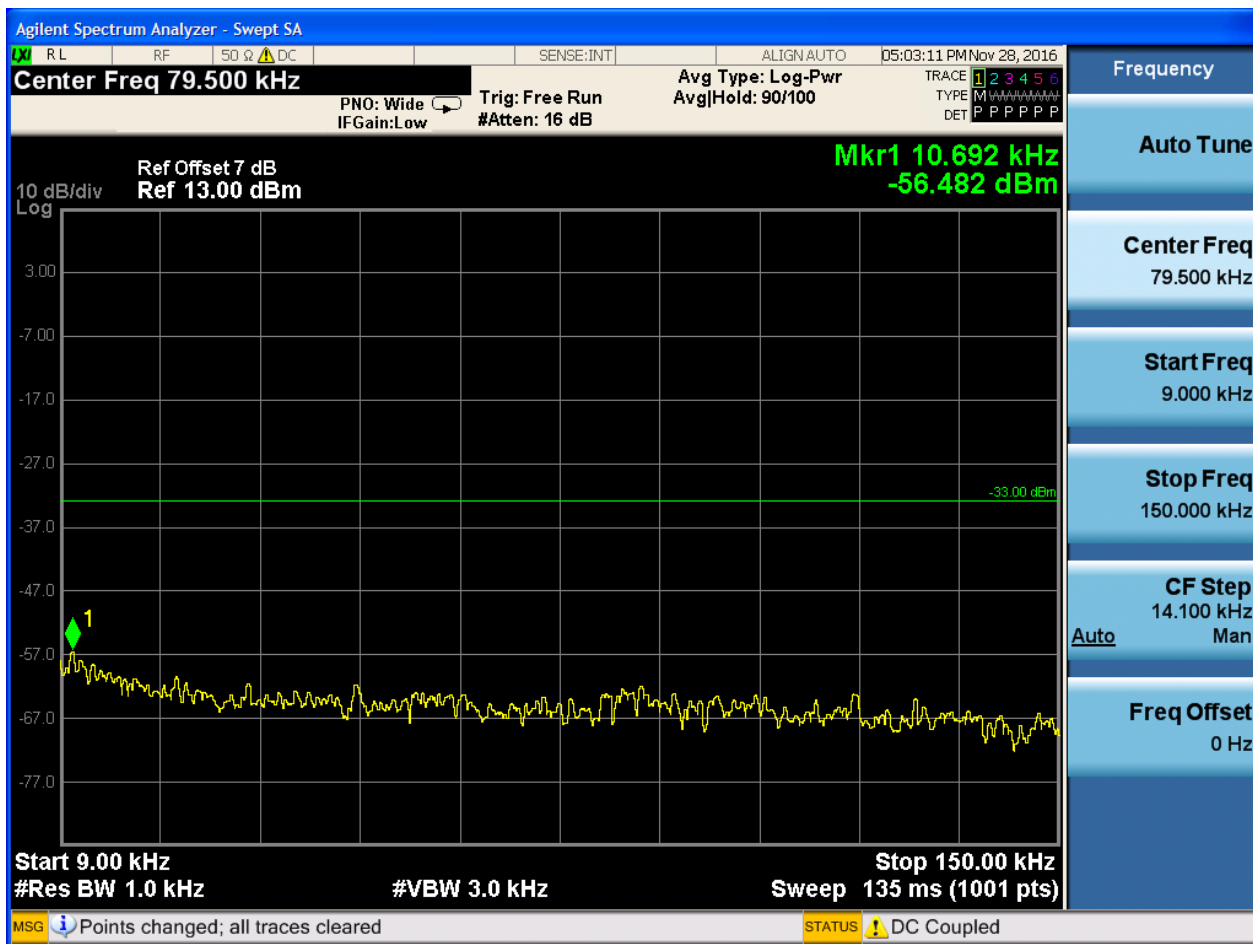


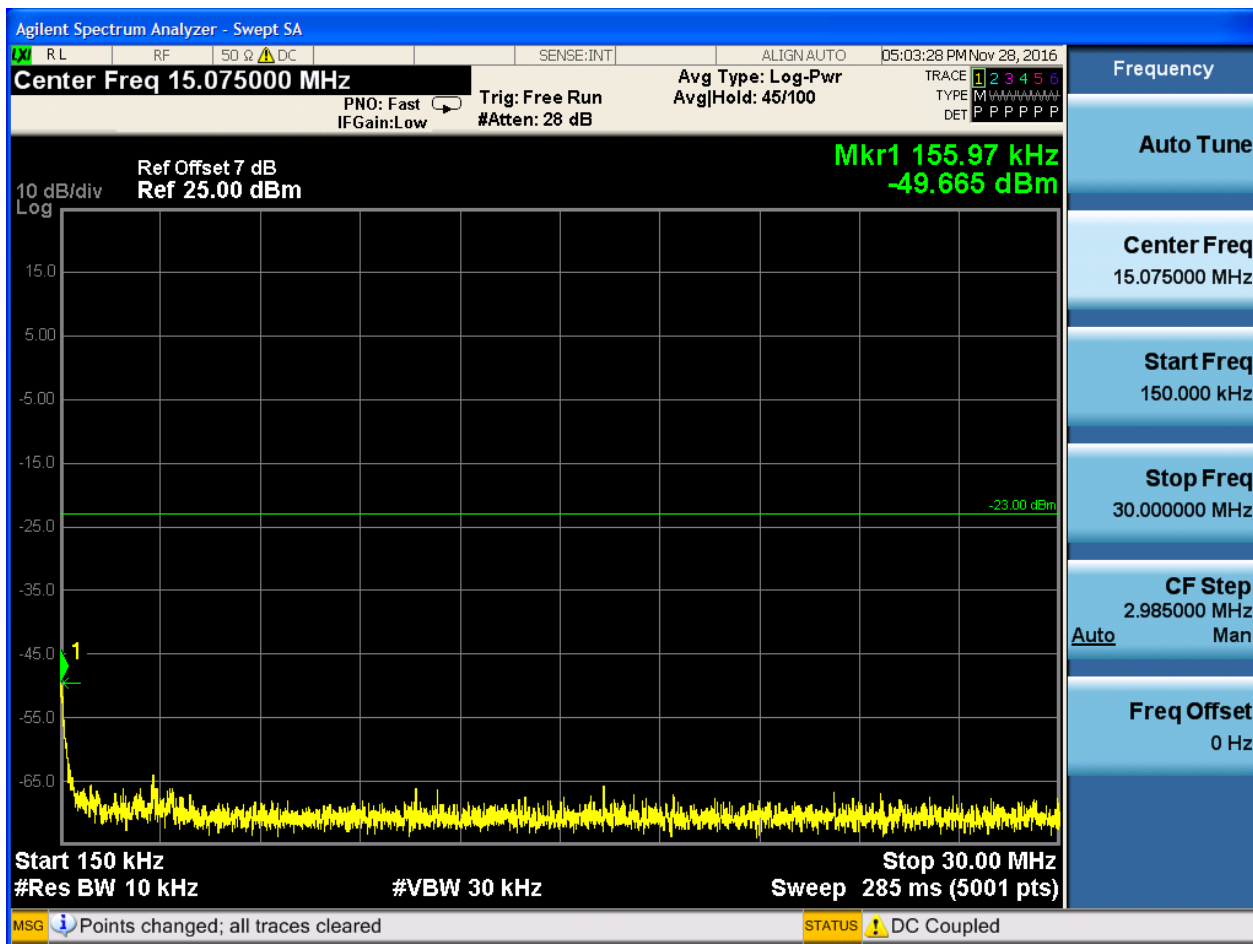


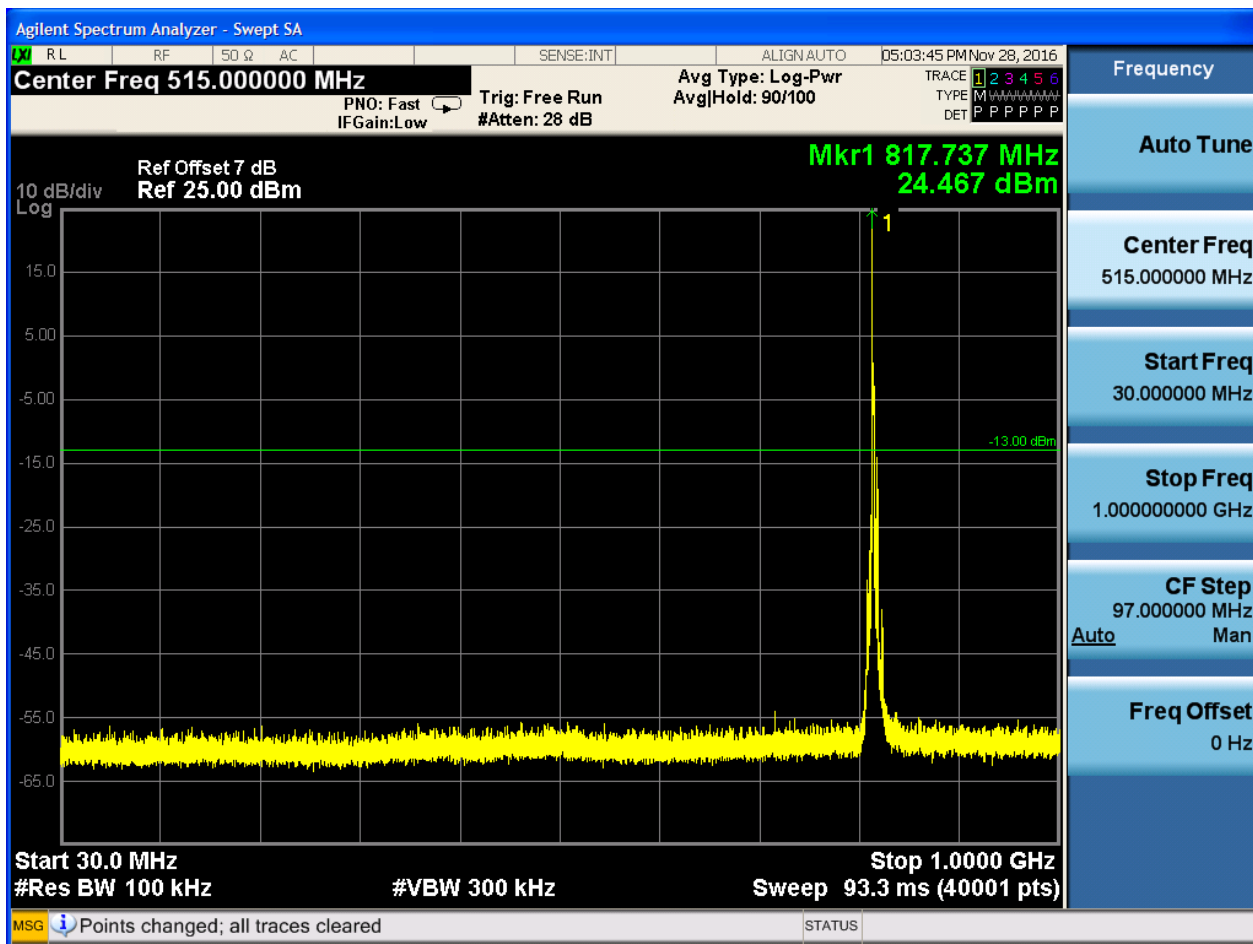


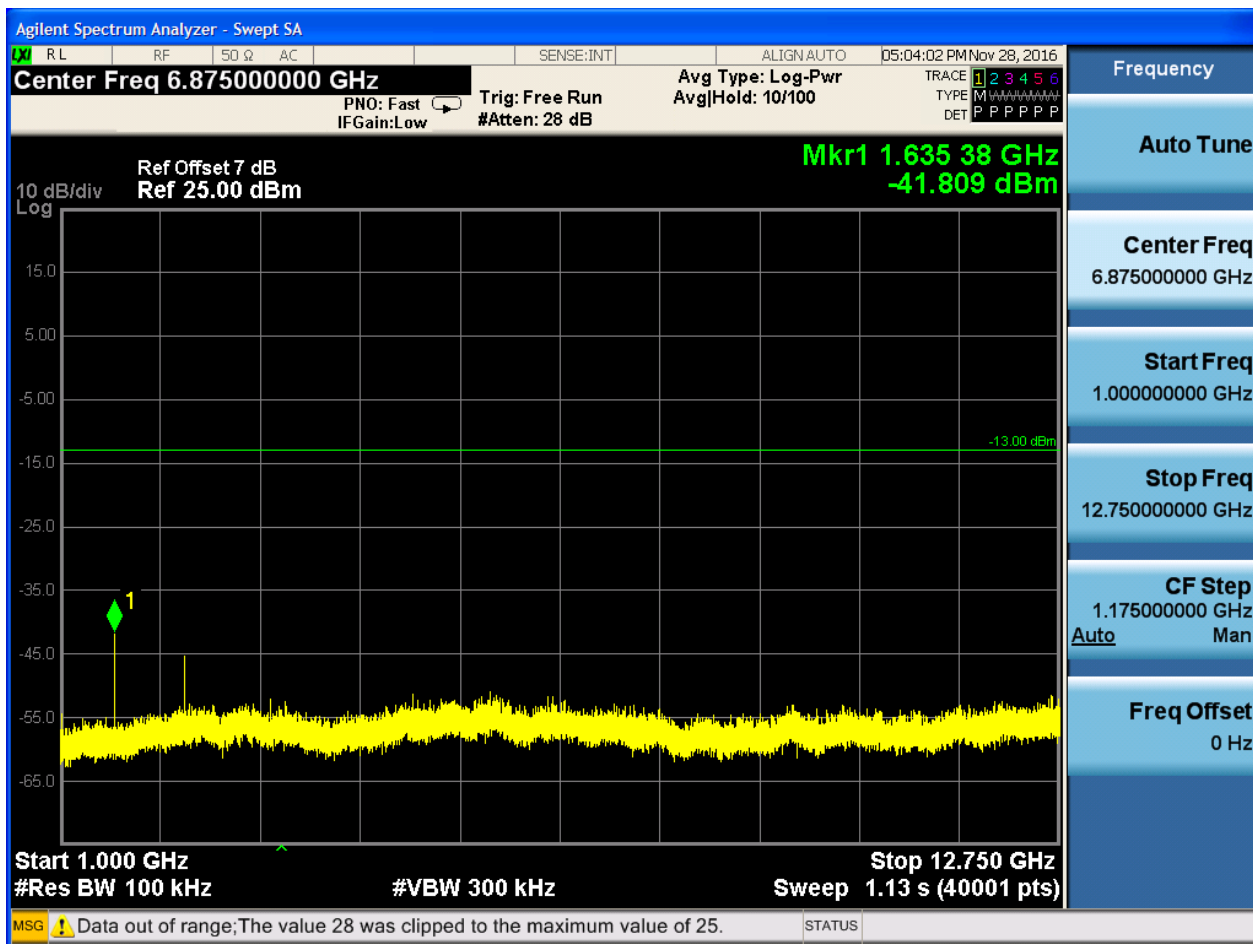
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0





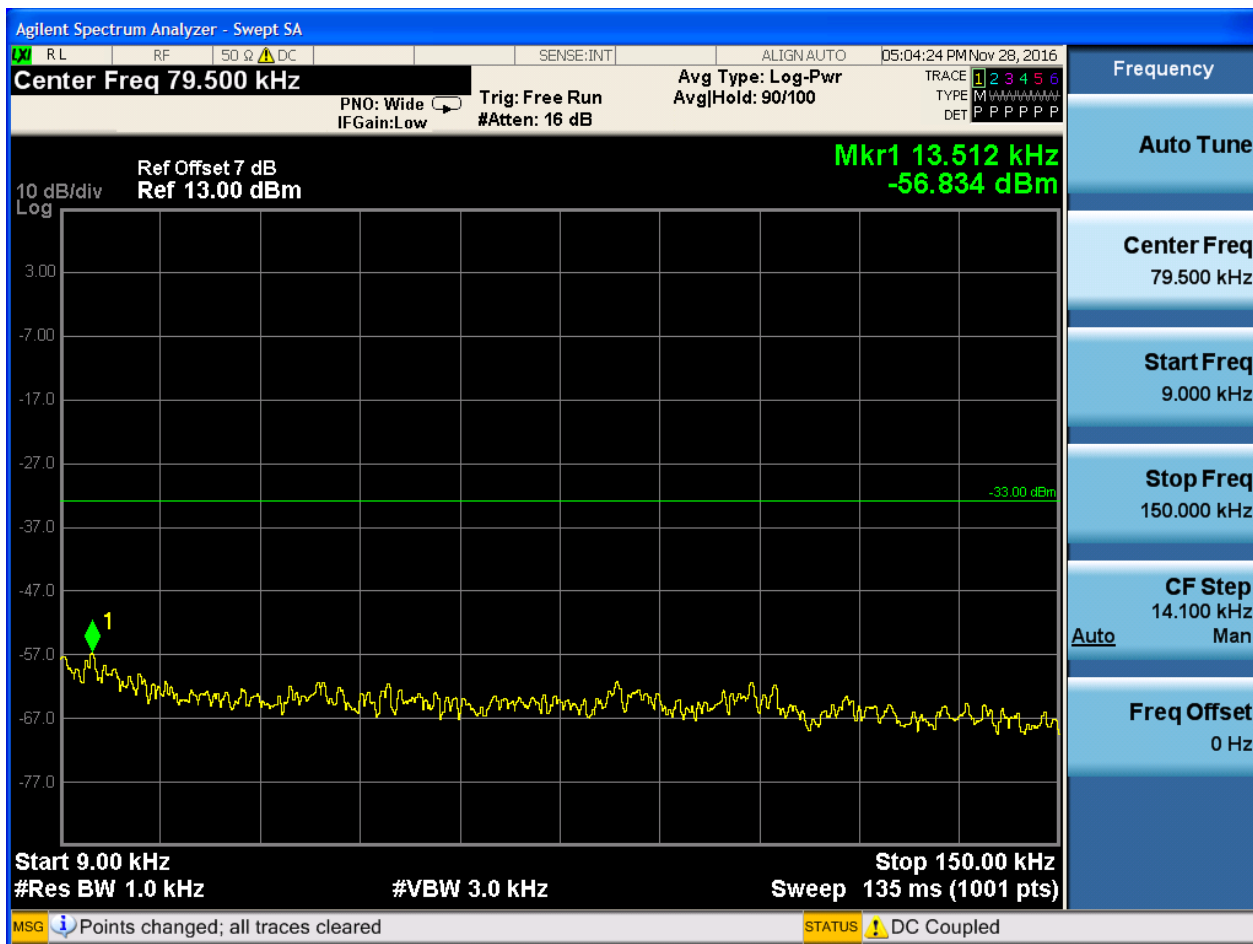




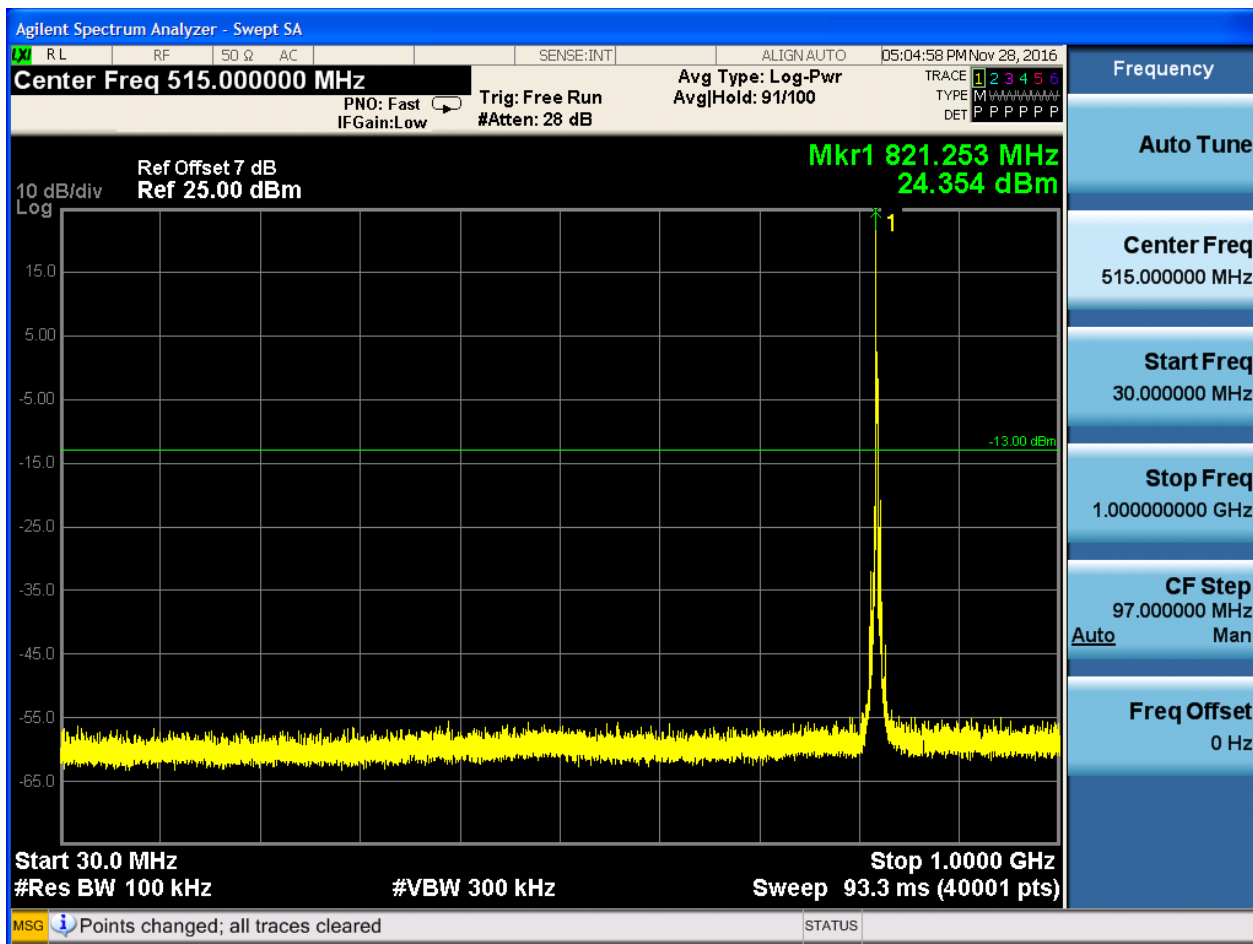


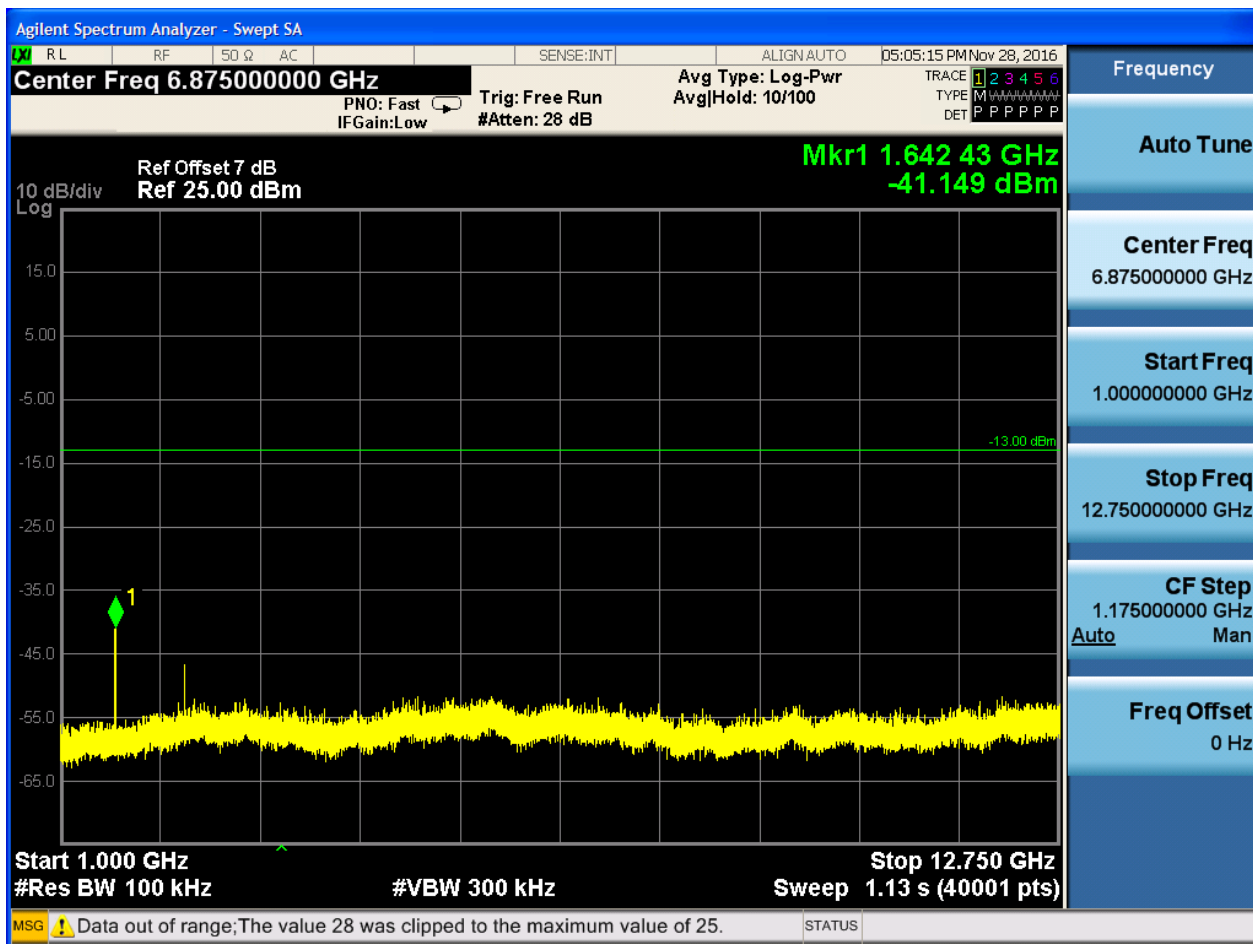
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



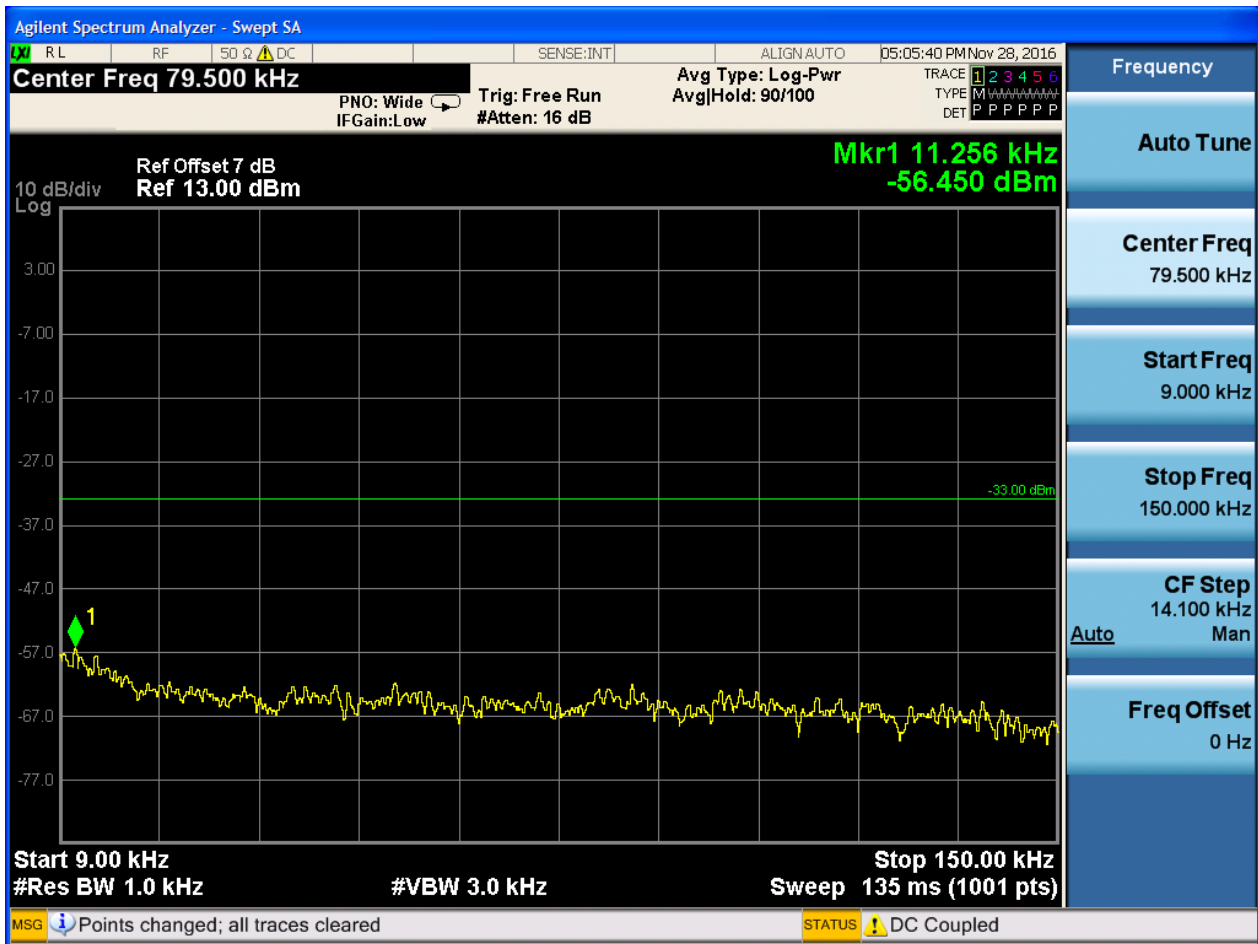


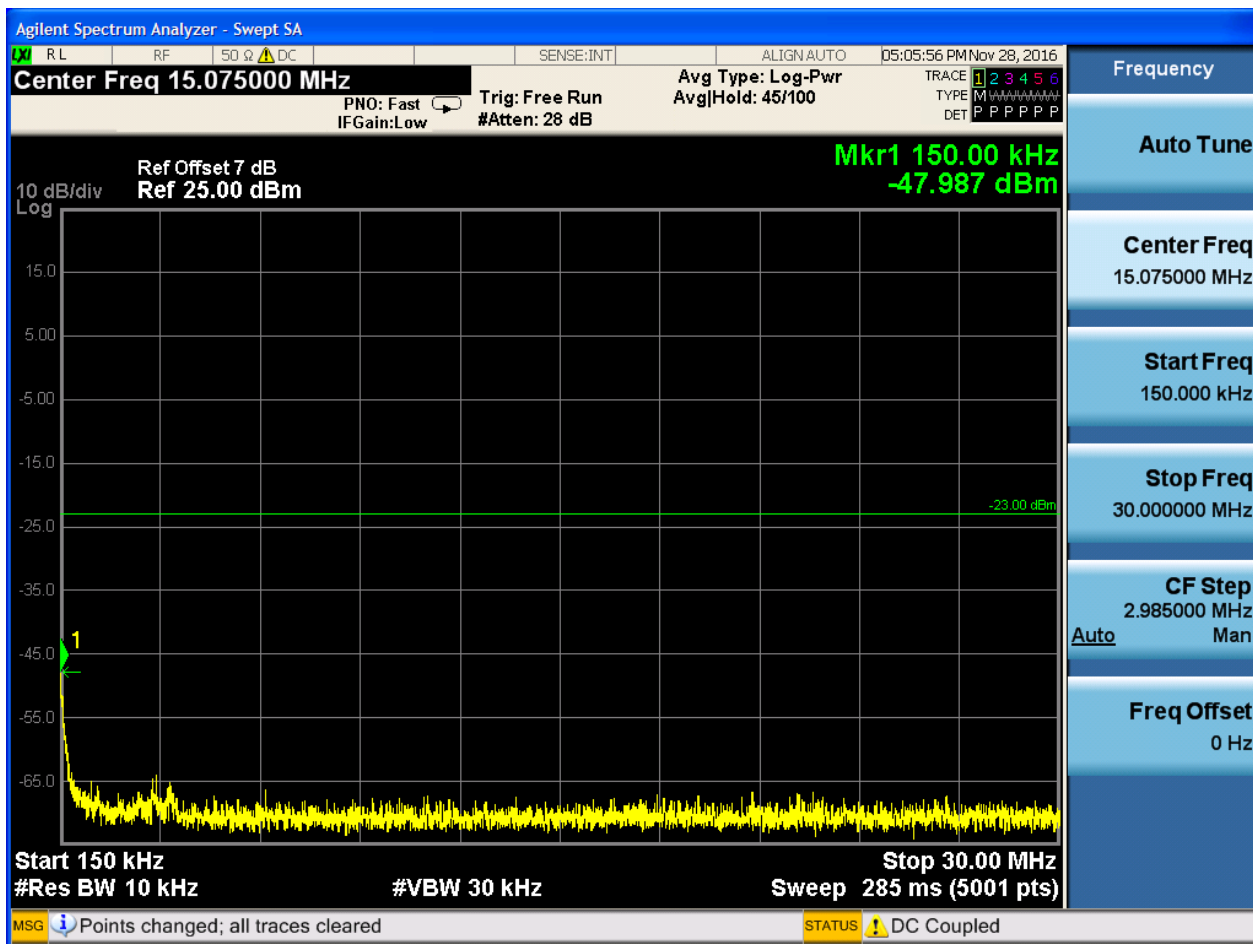


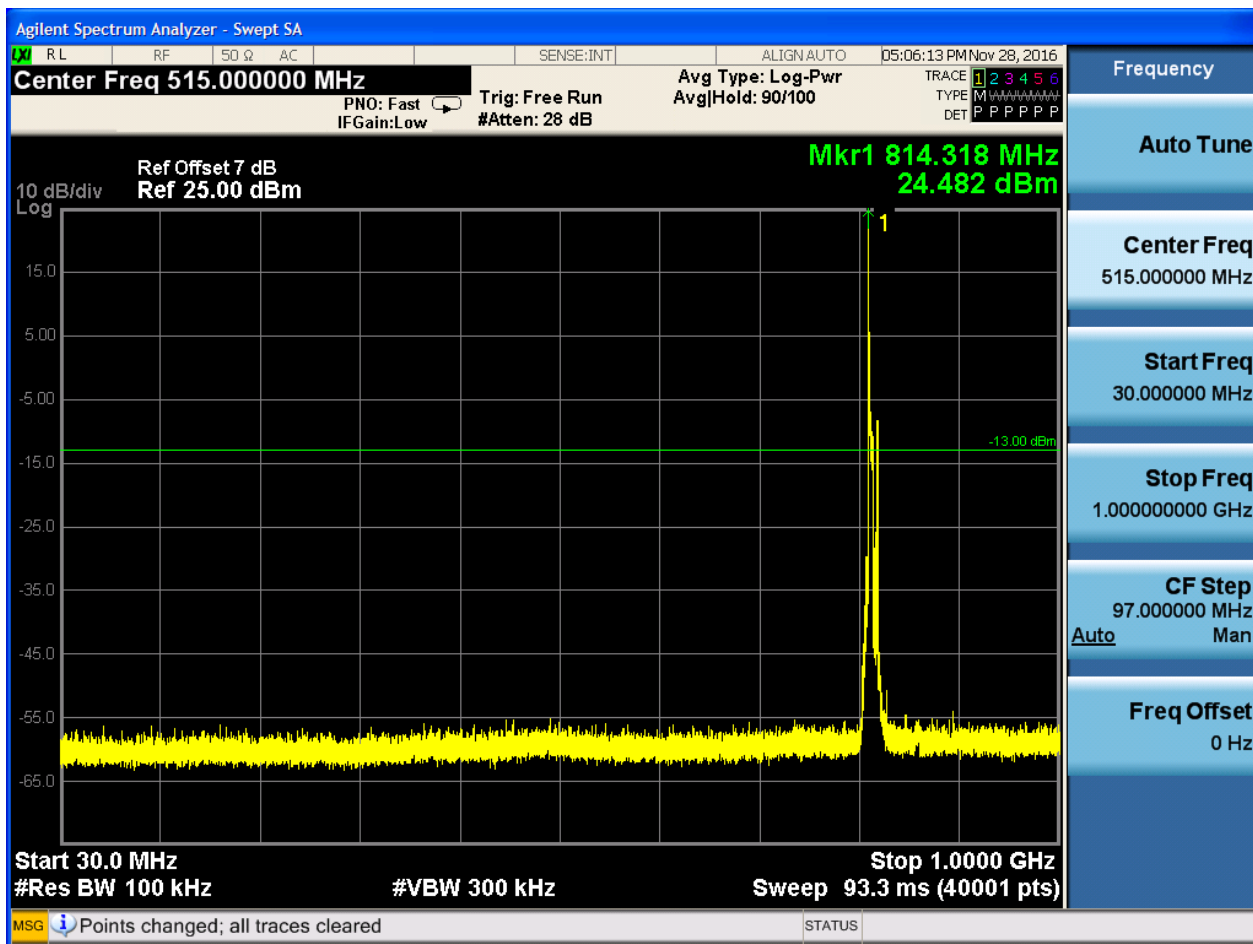


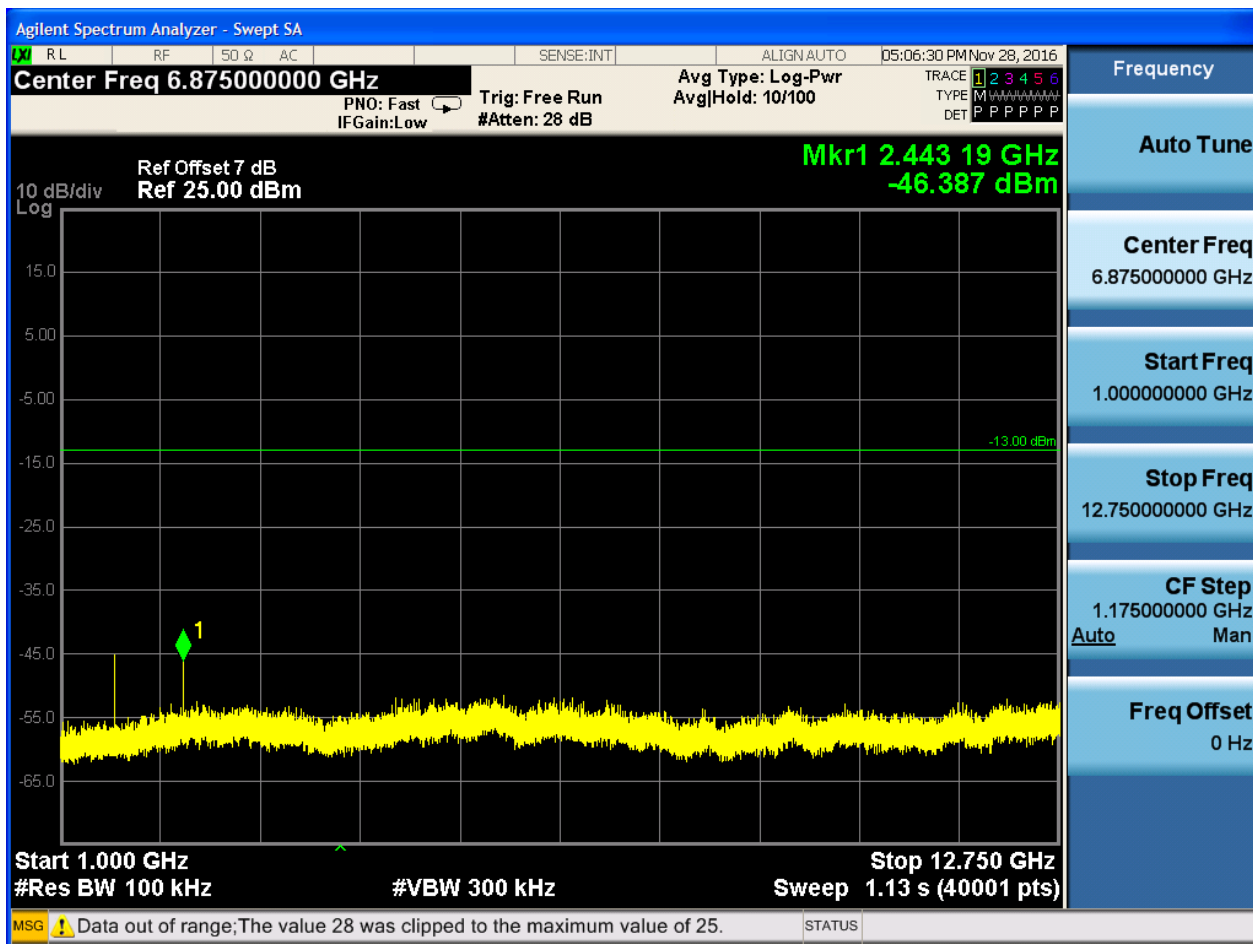


6.1.1.2.3.1.1 Test RB = RB1#0





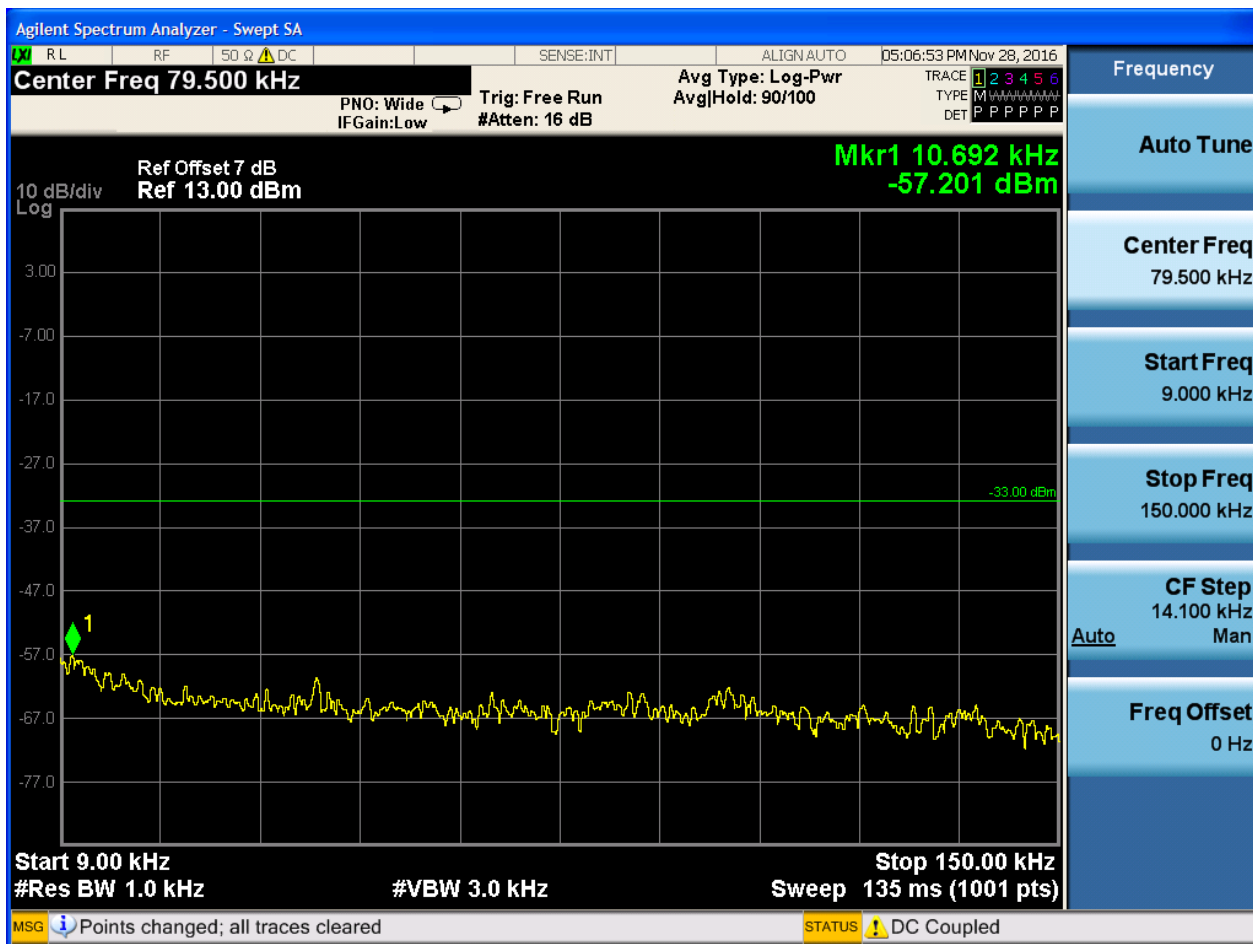




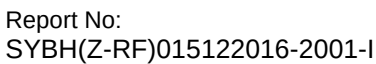


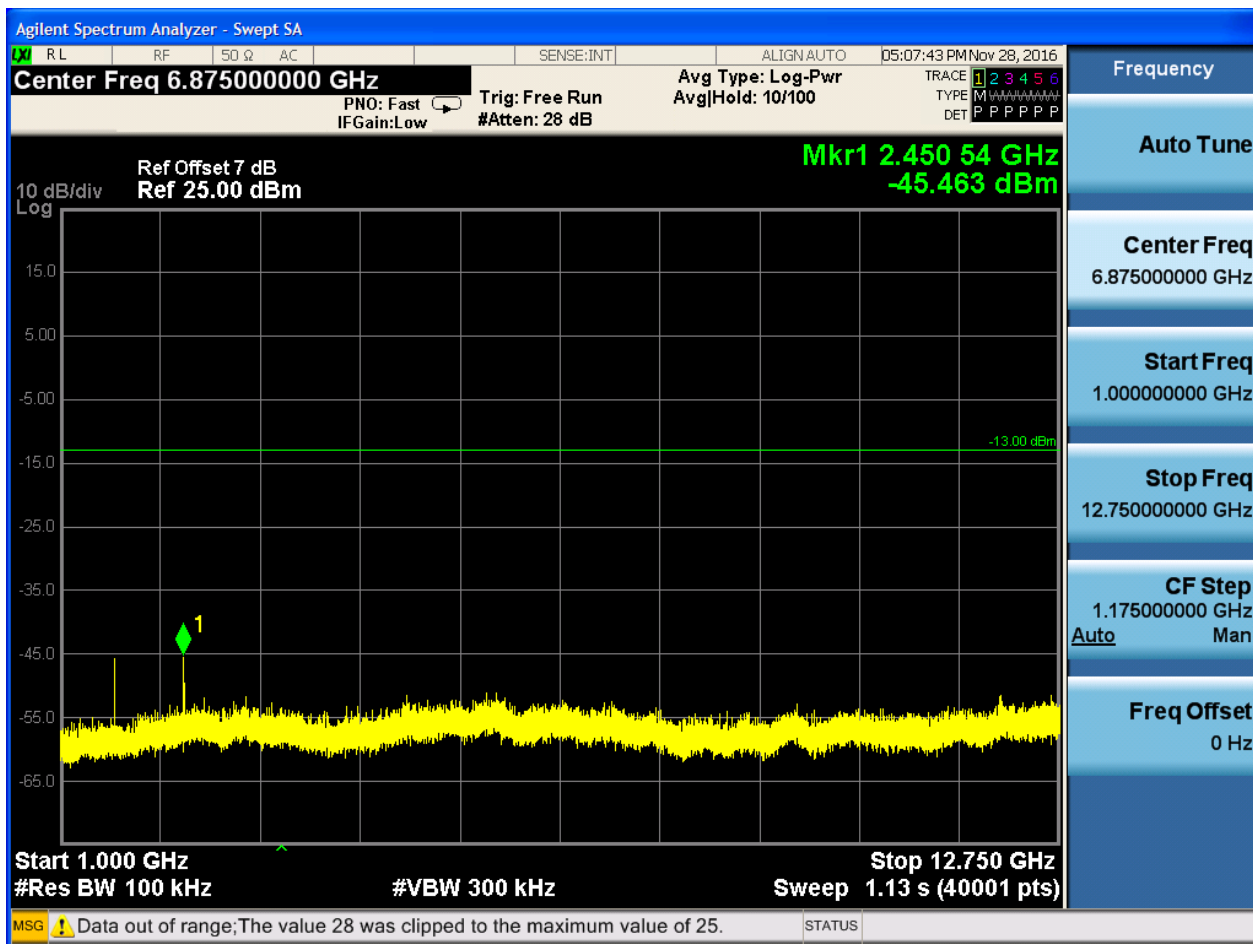
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



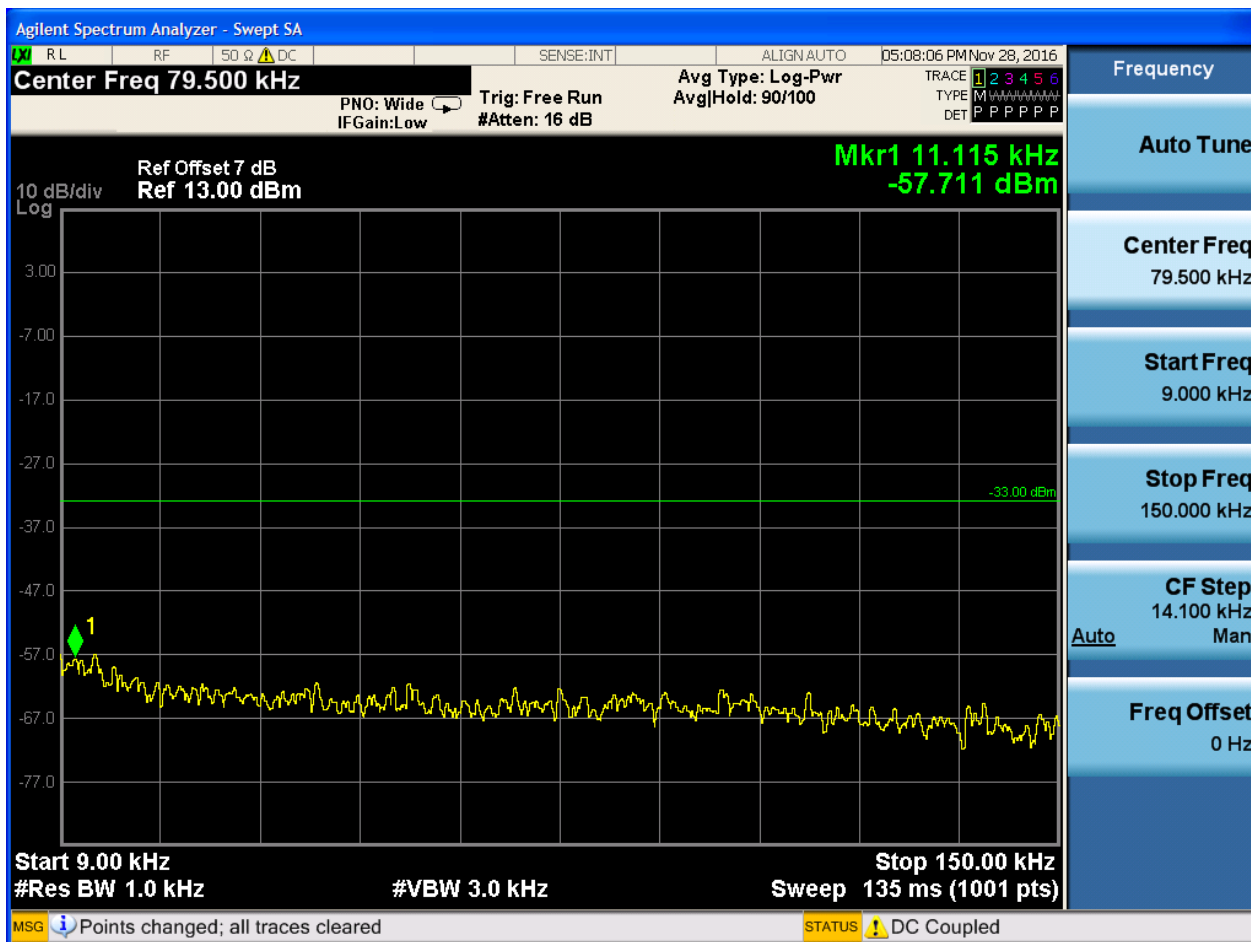


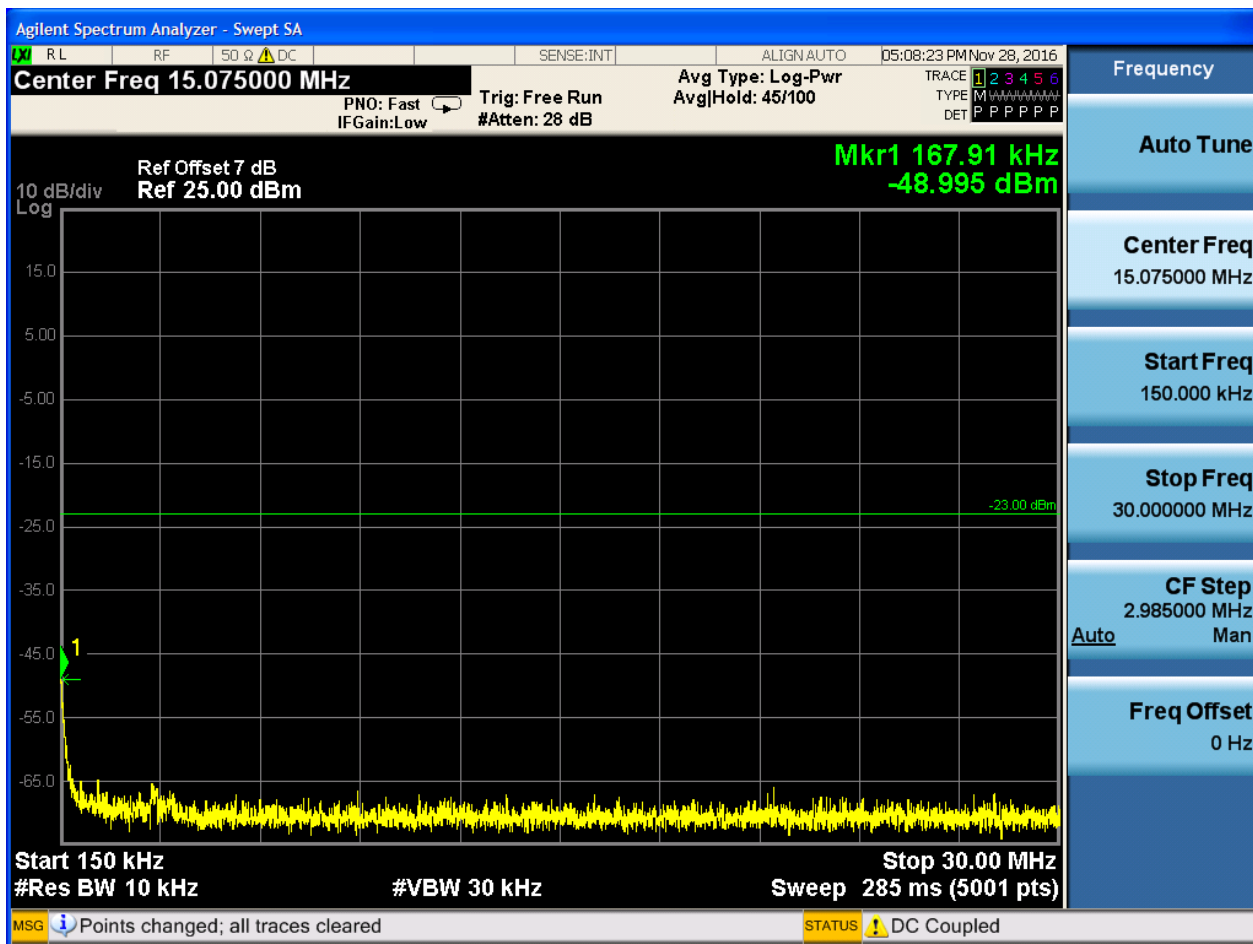


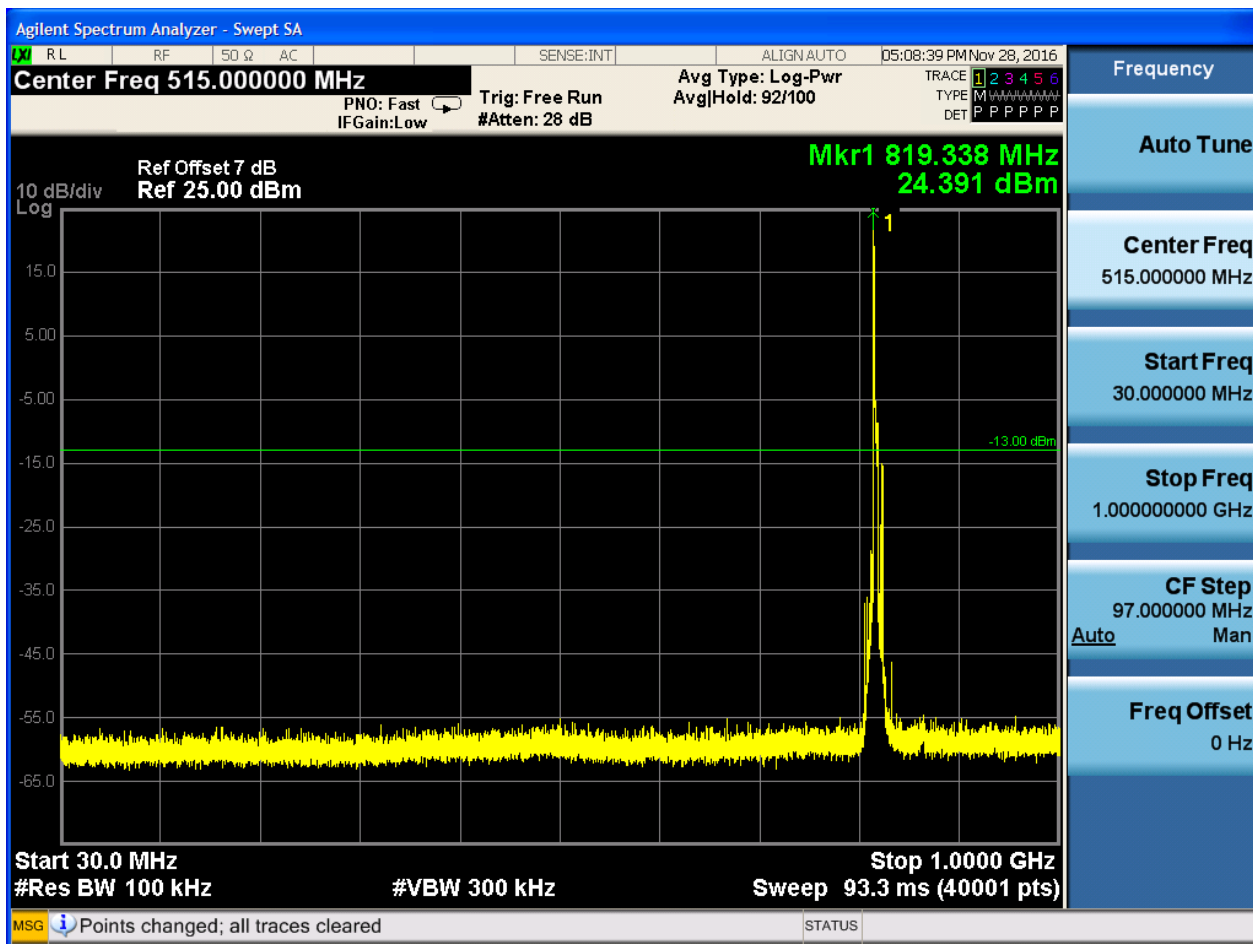


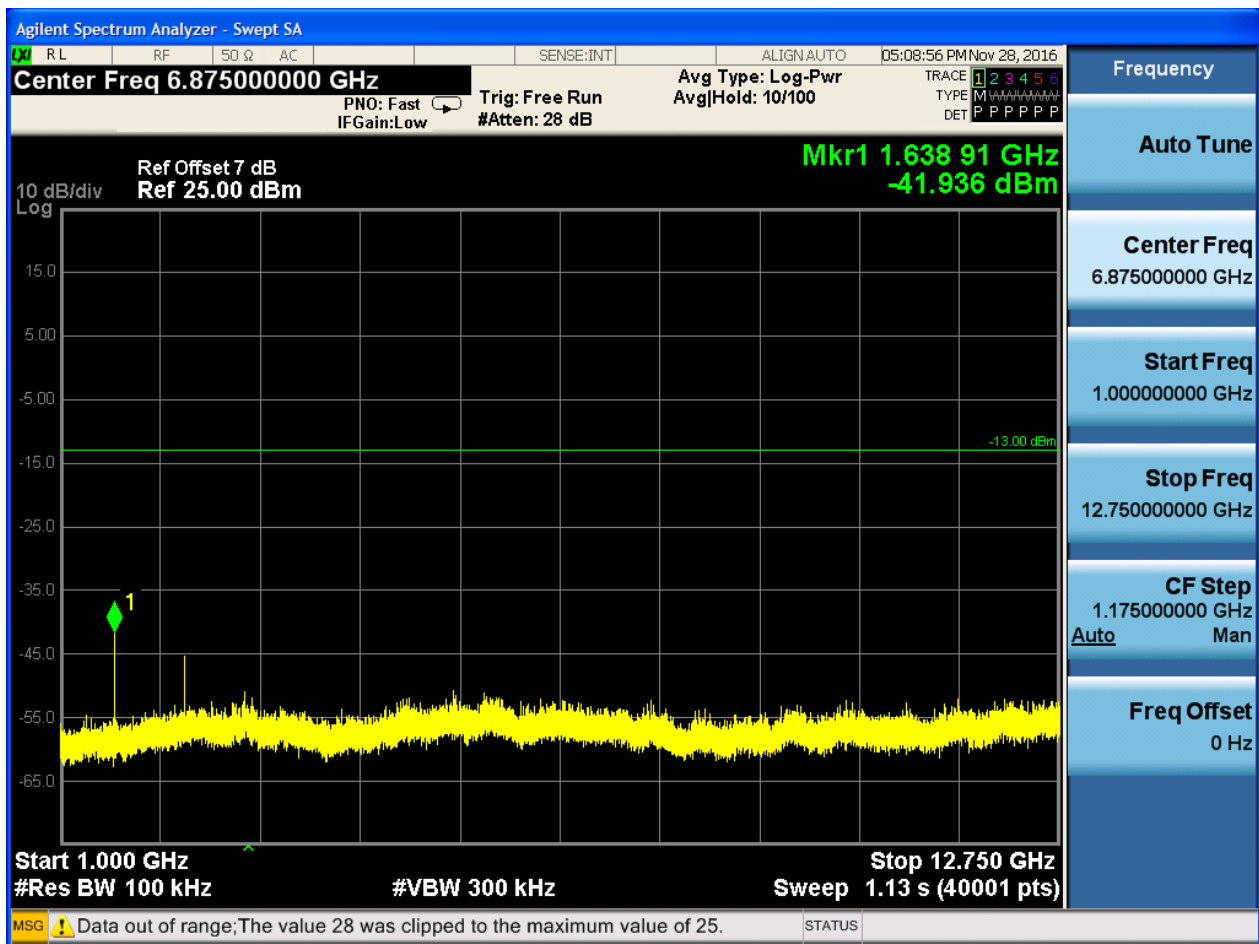
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







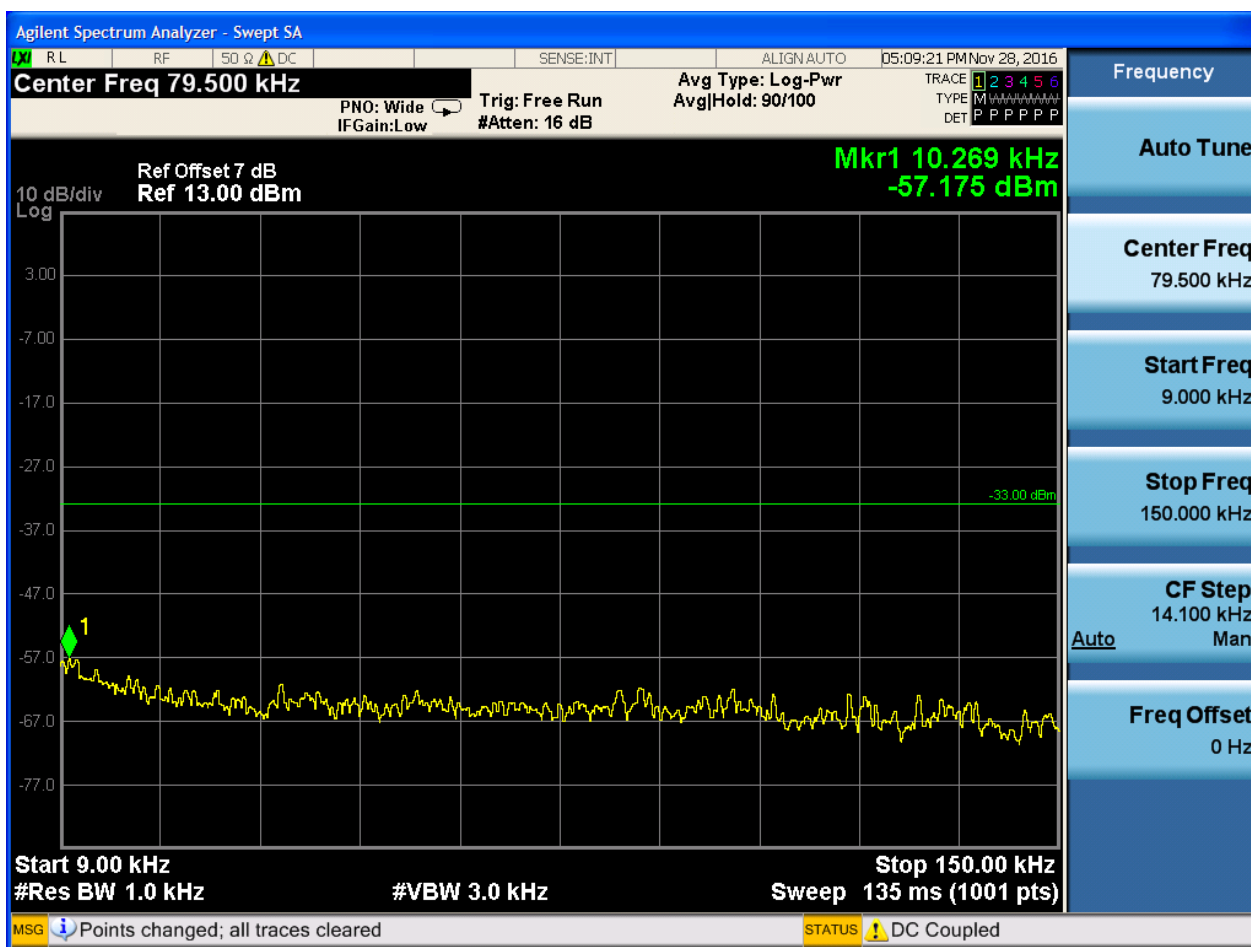


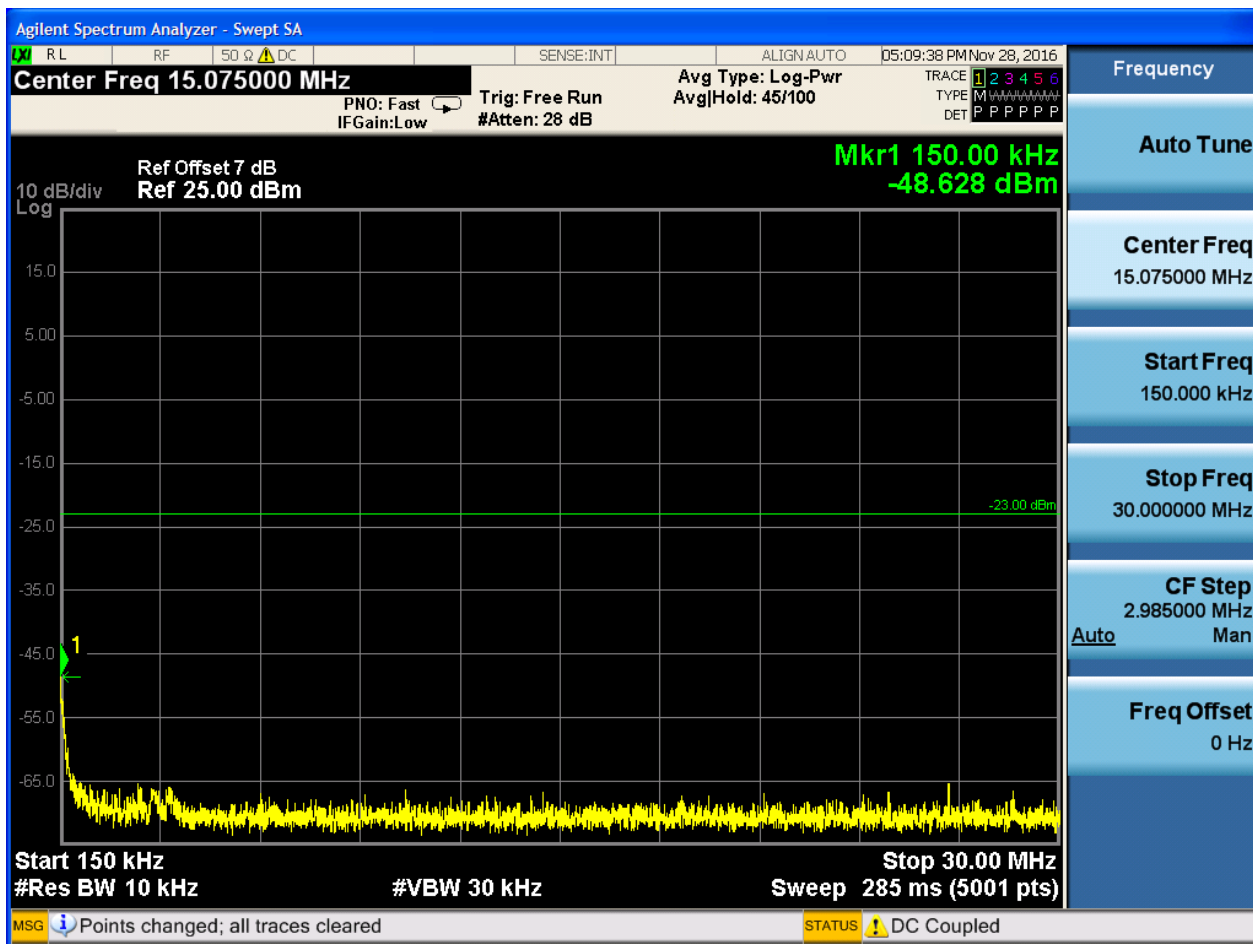


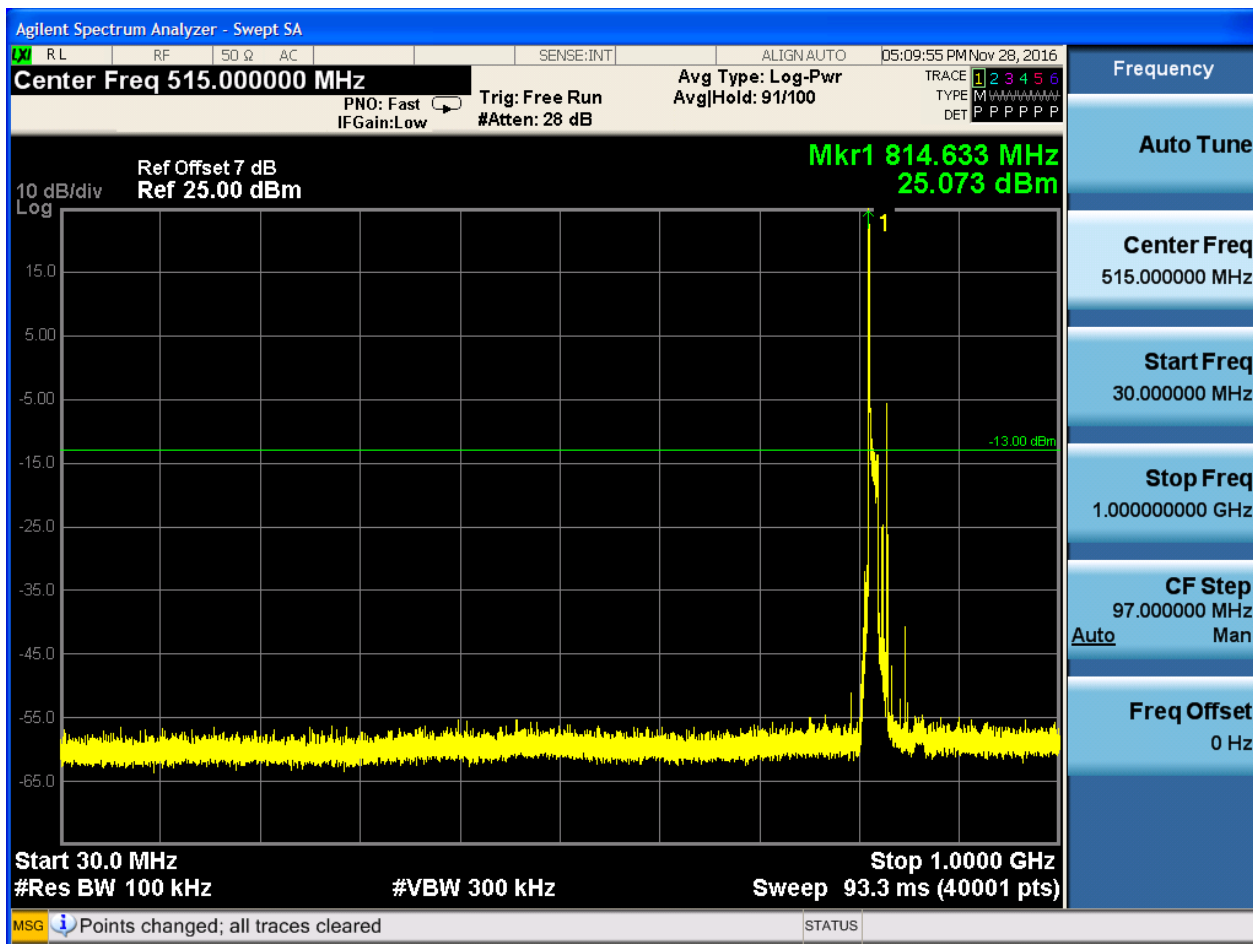
6.1.1.2.4 Test Bandwidth = 10

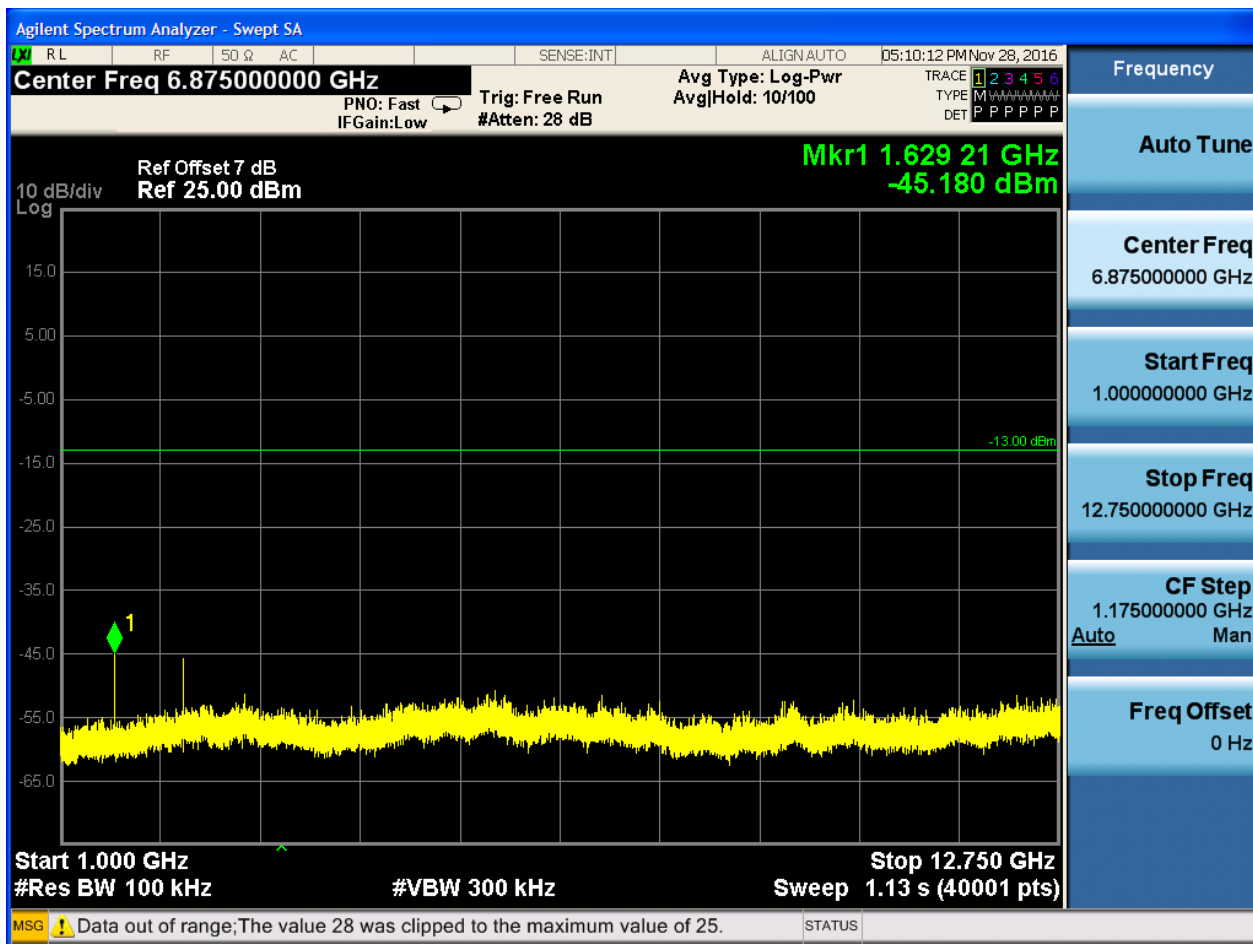
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0





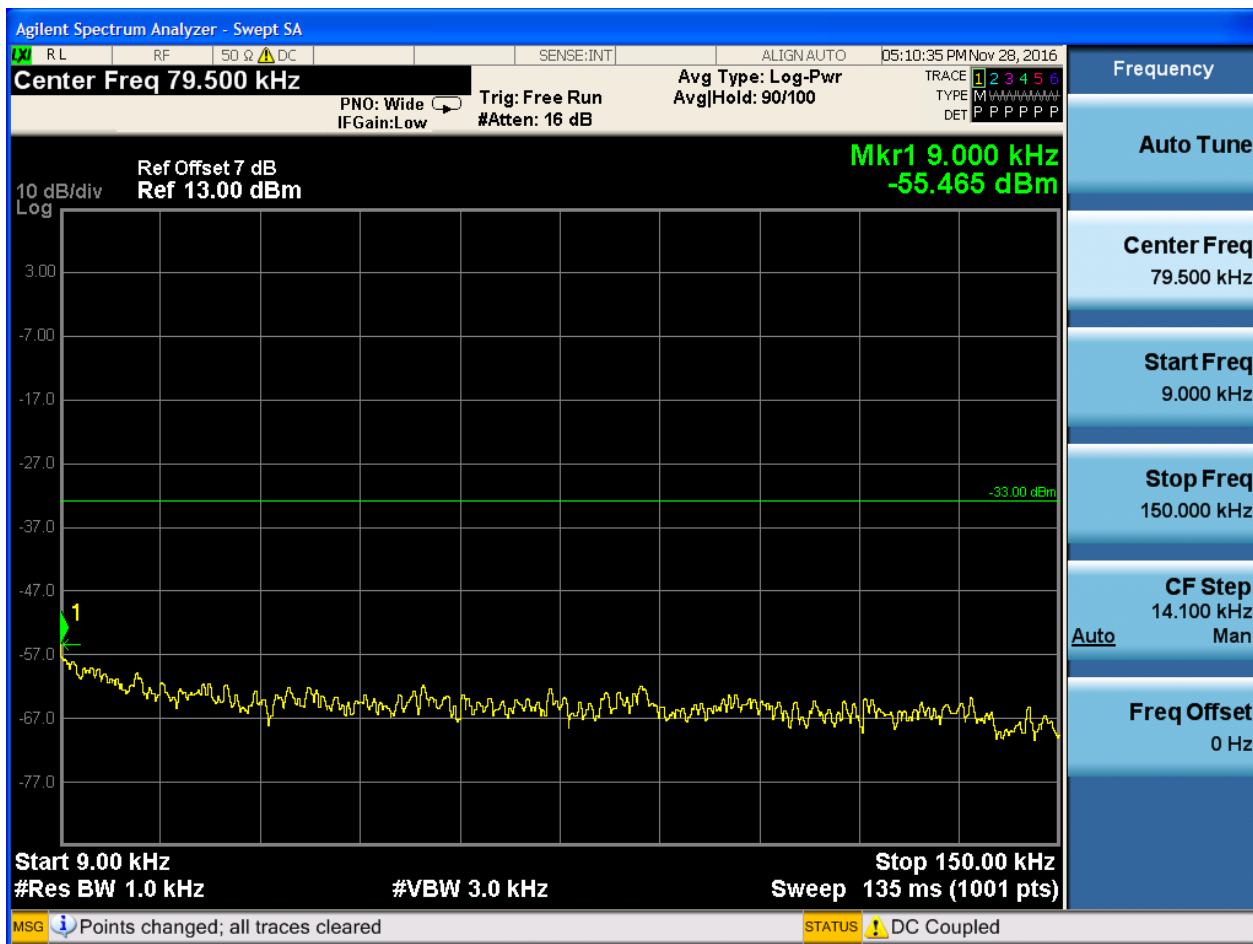


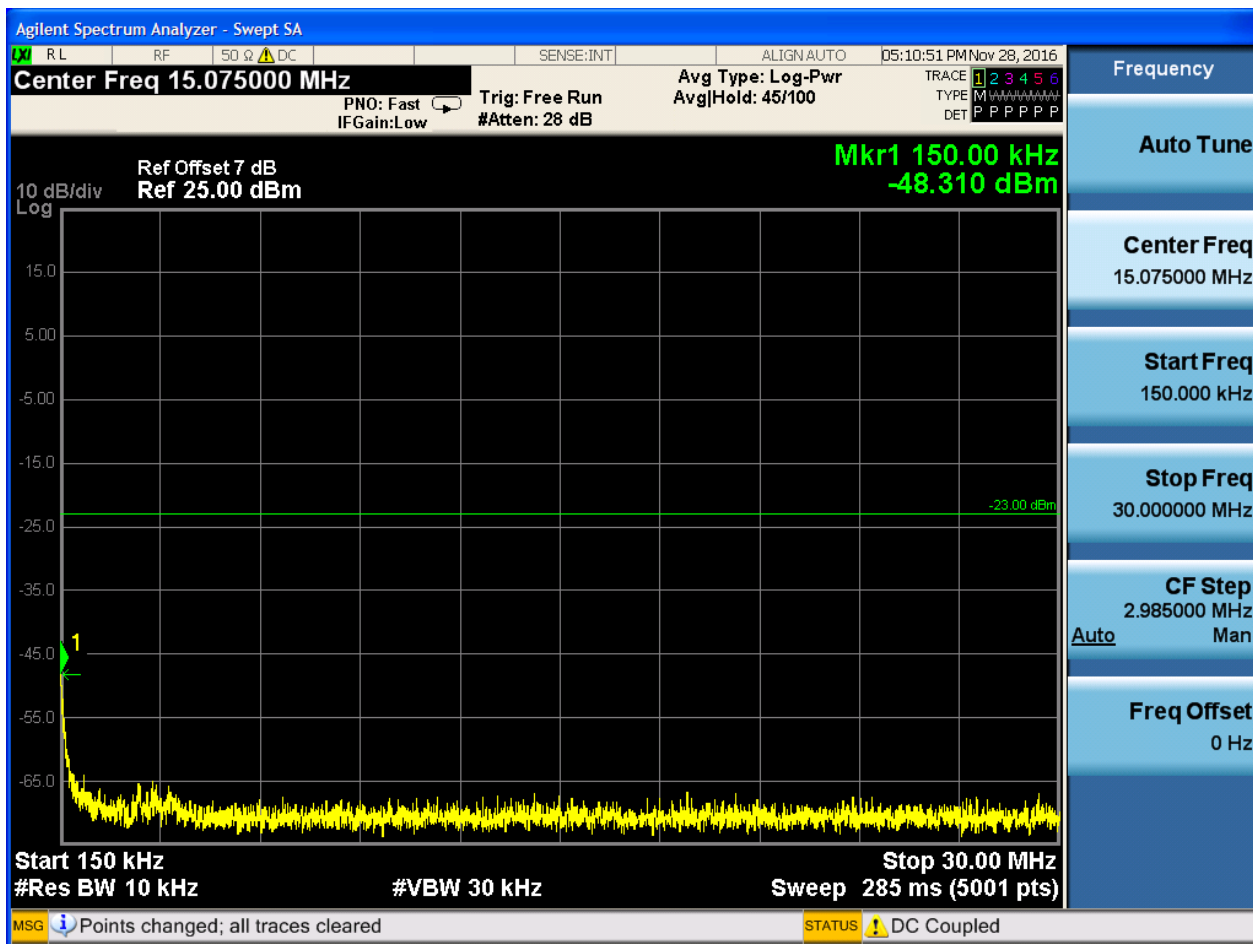


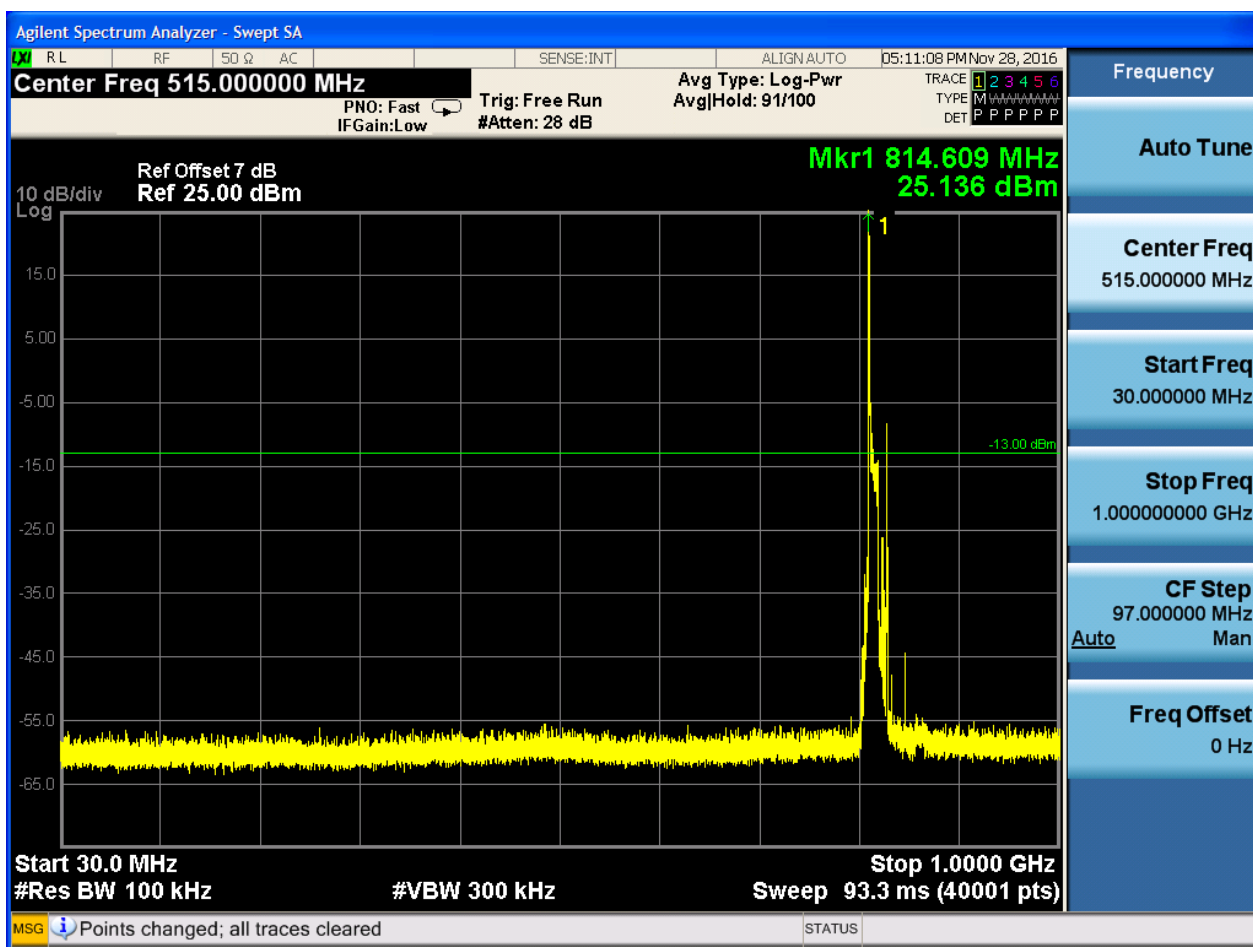


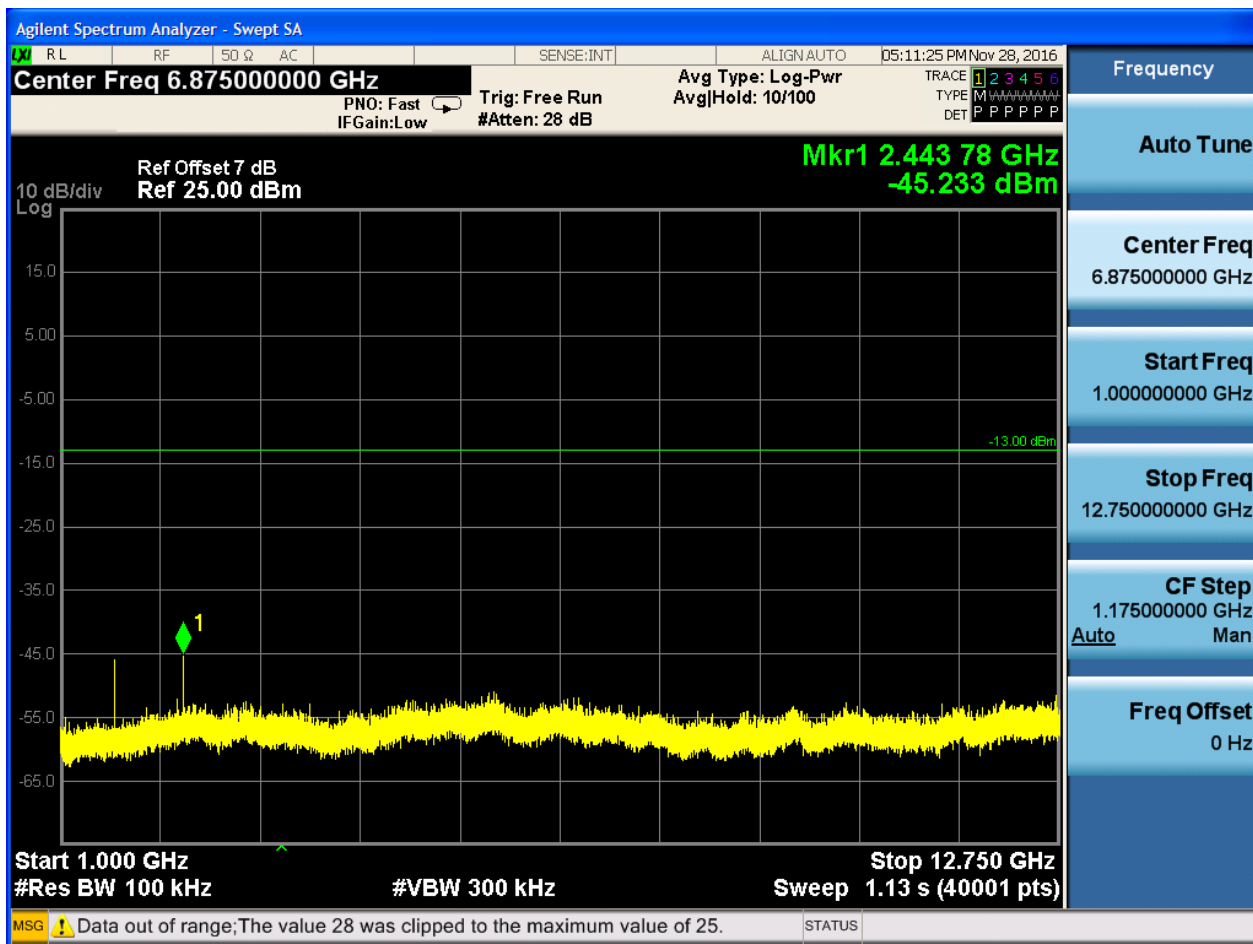
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





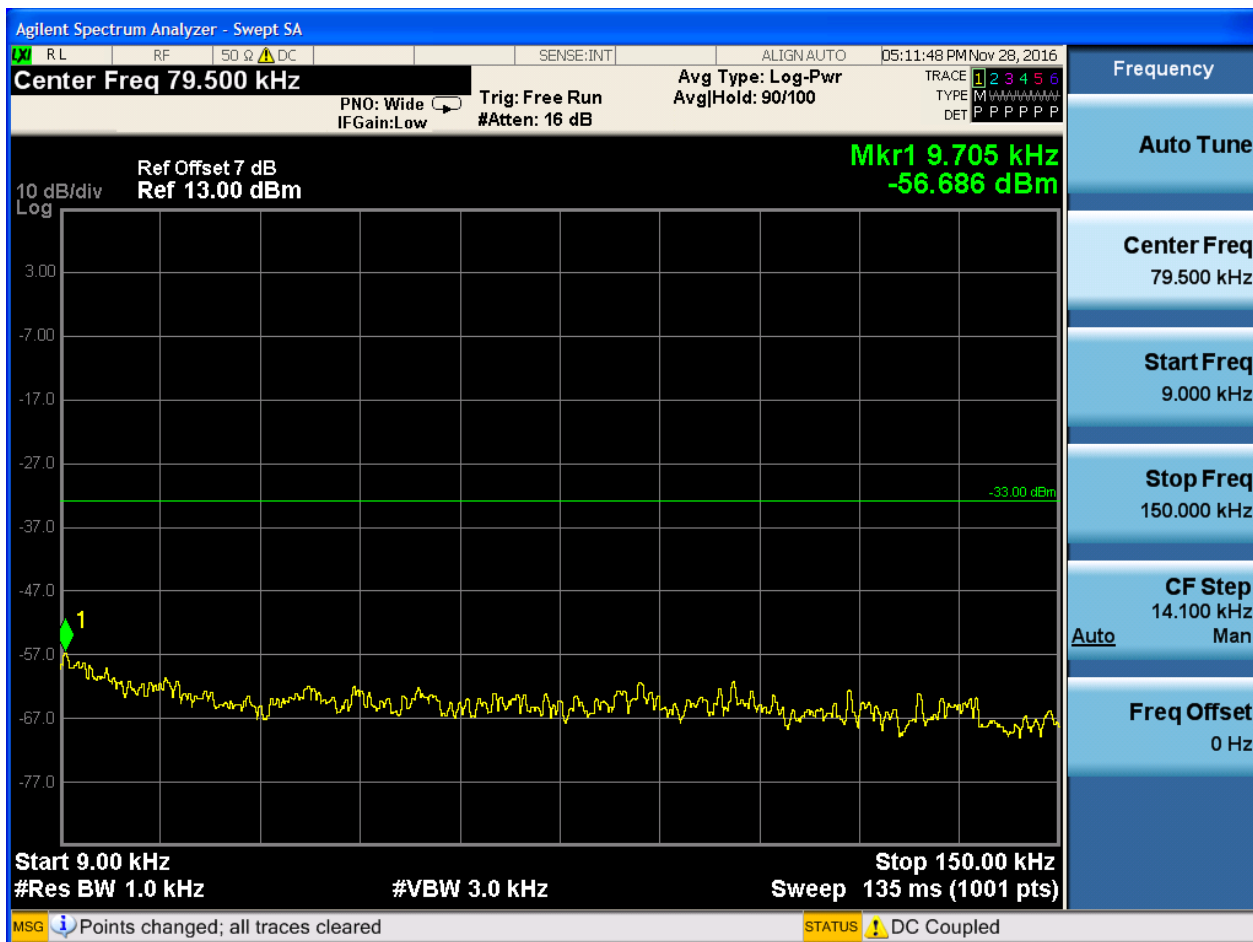


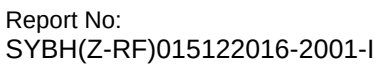


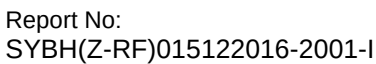


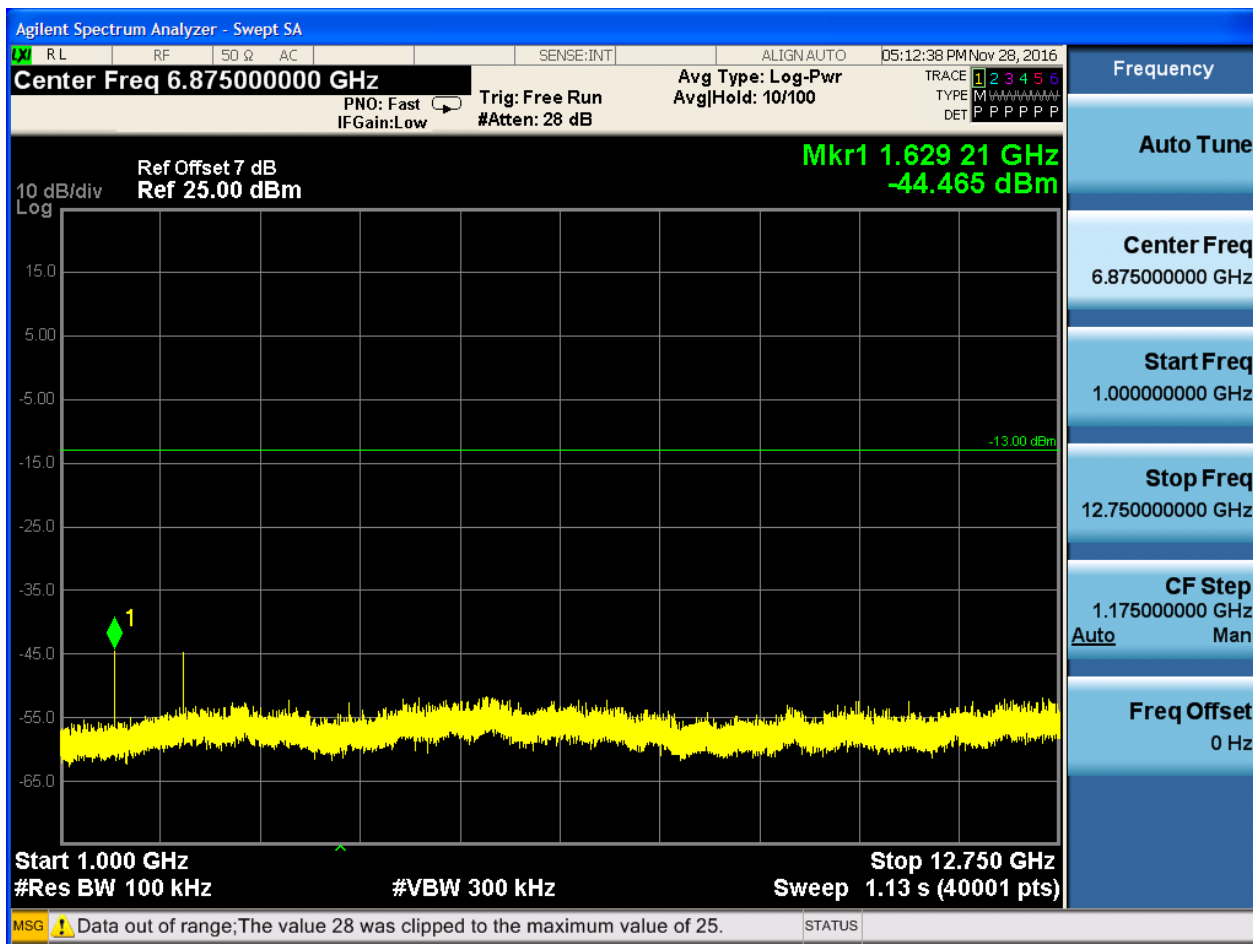
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









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

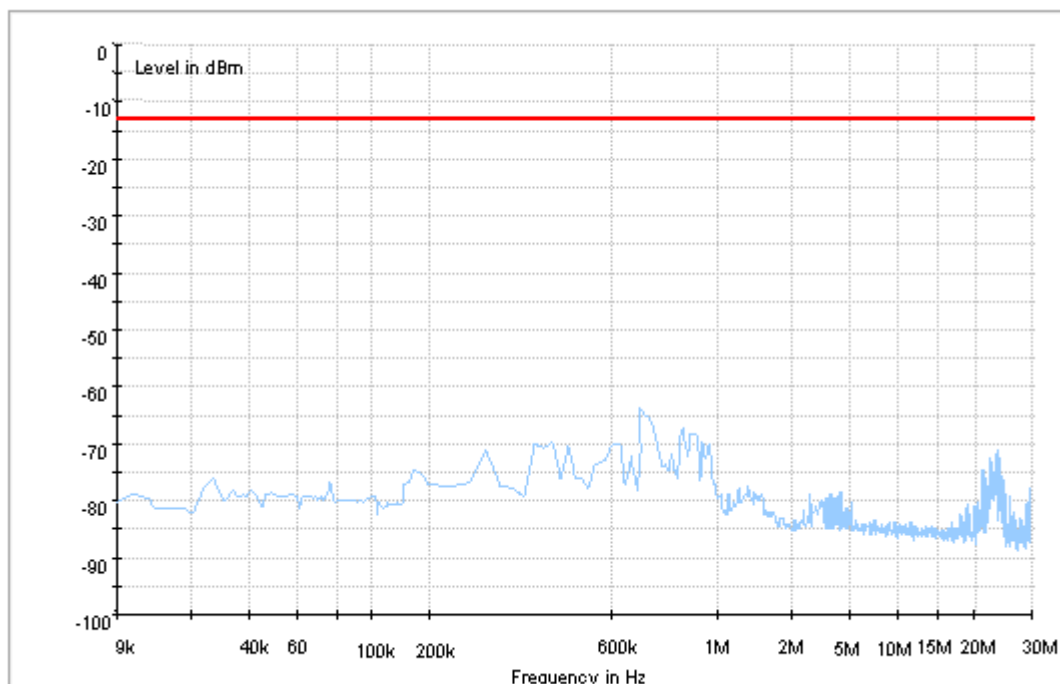
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

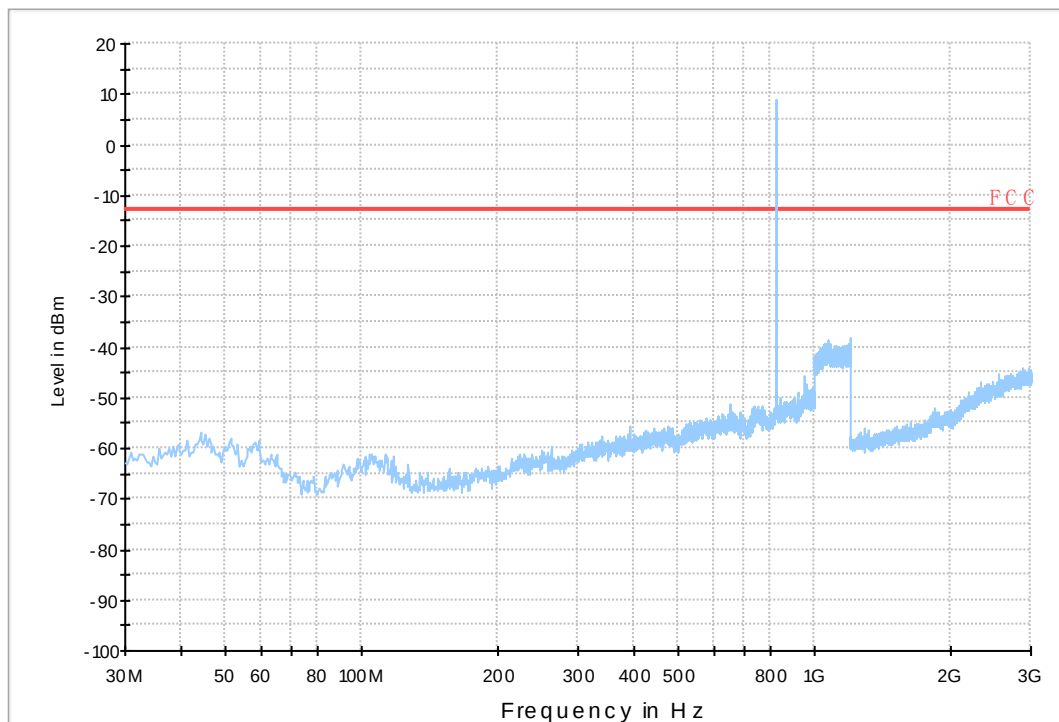
7.1 For LTE

7.1.1 Test Band = BAND26_ANT1

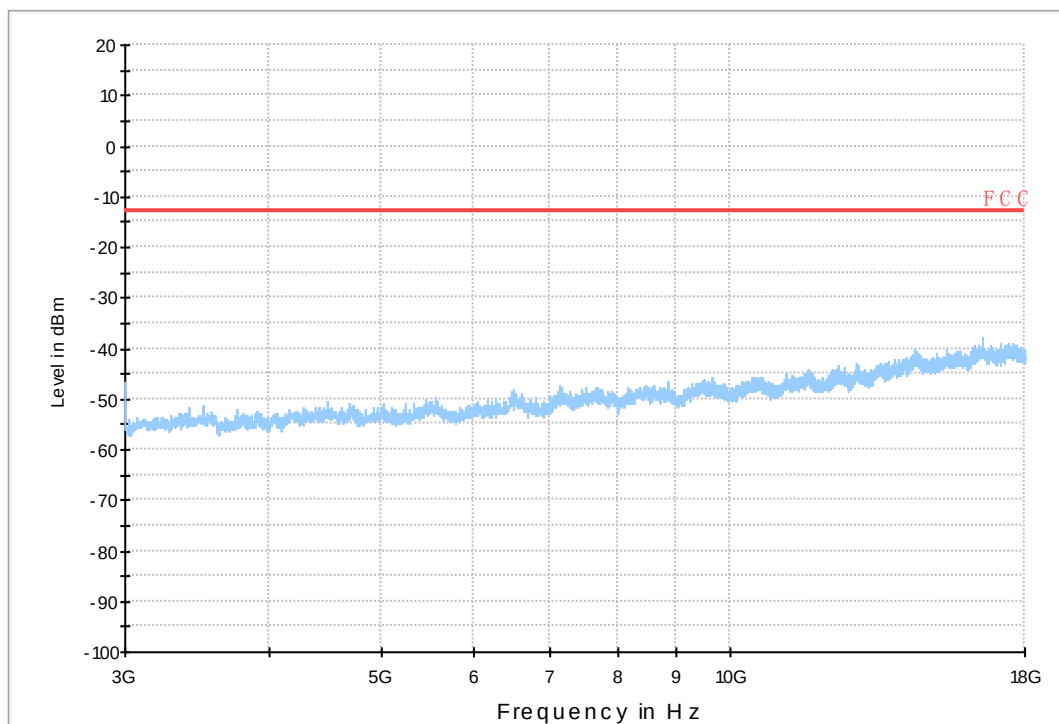
7.1.1.1 Test Bandwidth = 1.4



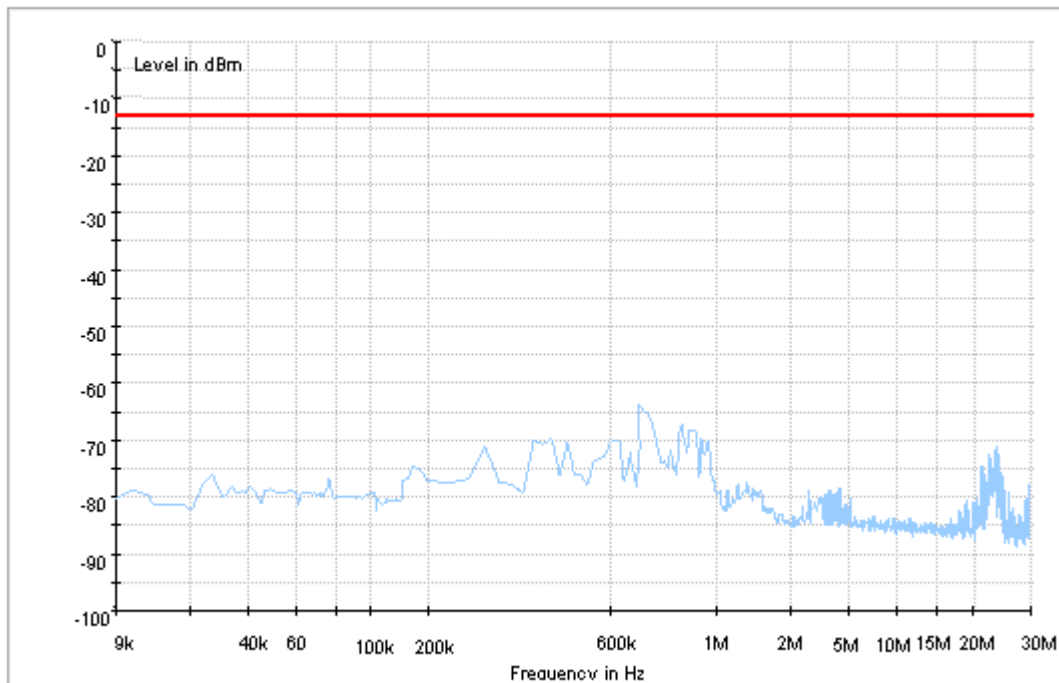
Copy of RSE-TX-DIRECTOR BELOW 1G_L



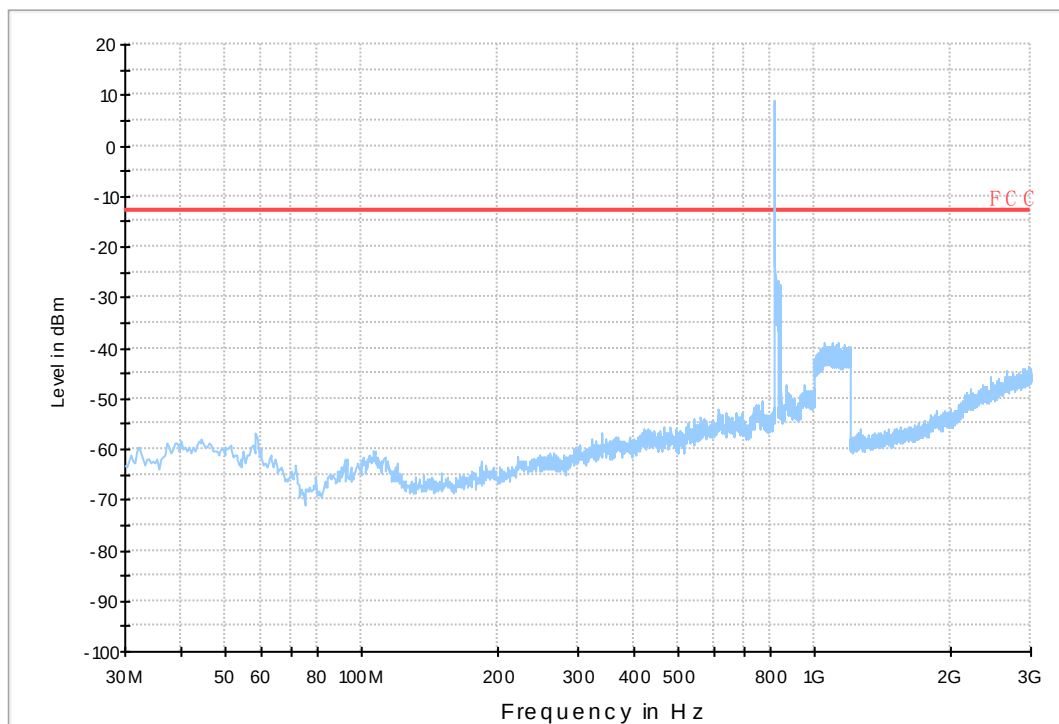
Copy of RSE-TX-DIRECTOR BELOW 1G_H



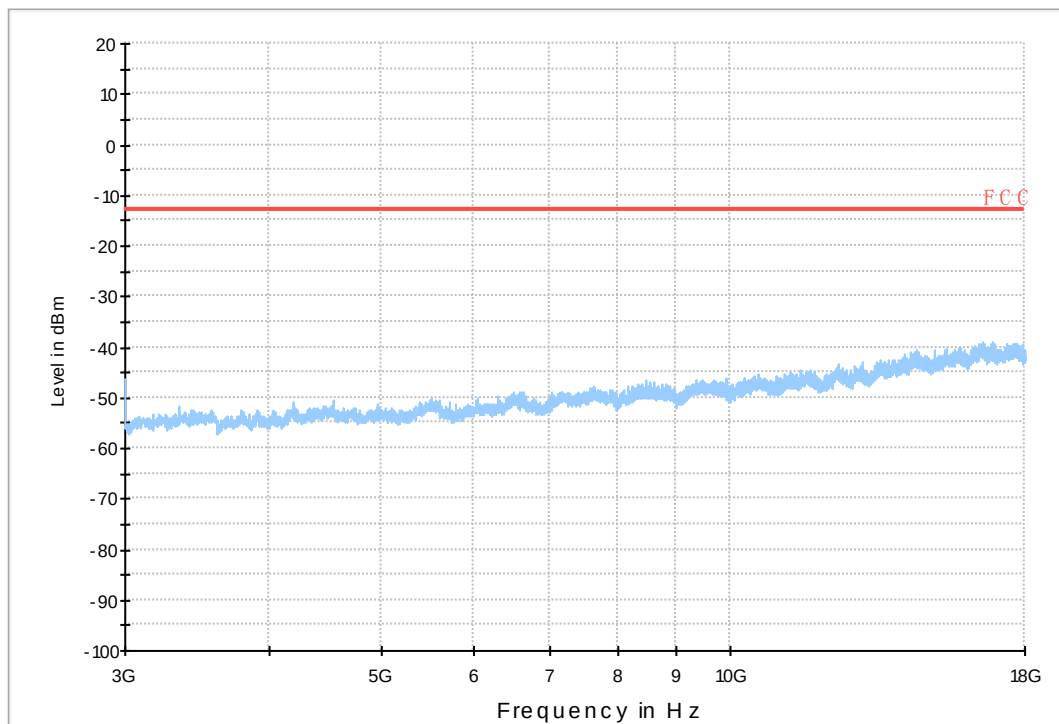
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

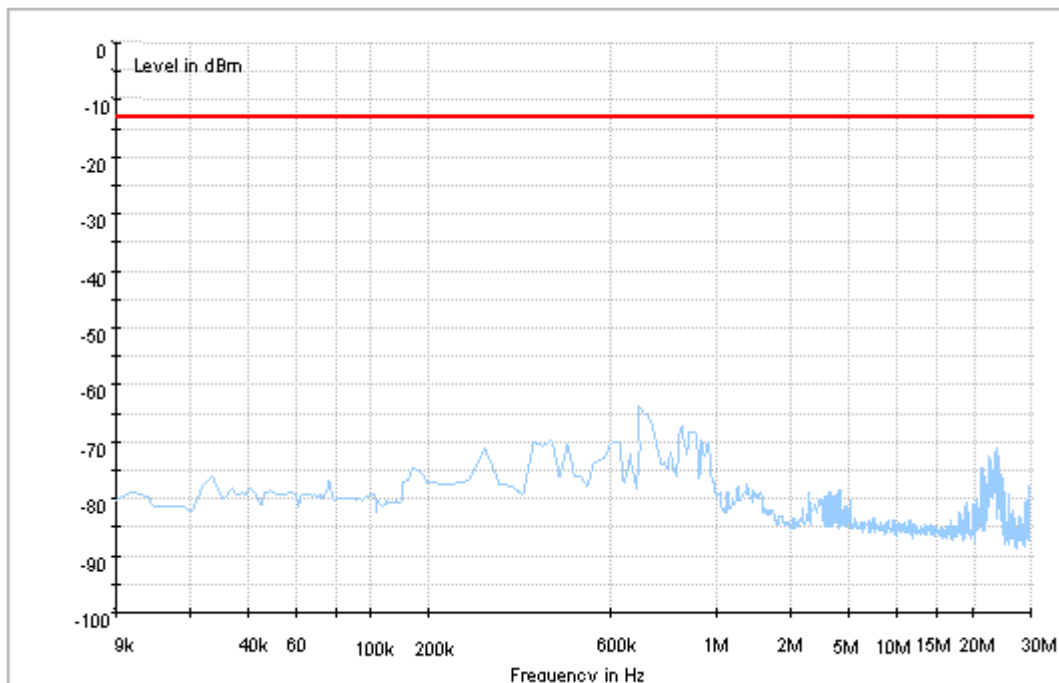


Copy of RSE-TX-DIRECTOR BELOW 1G_H

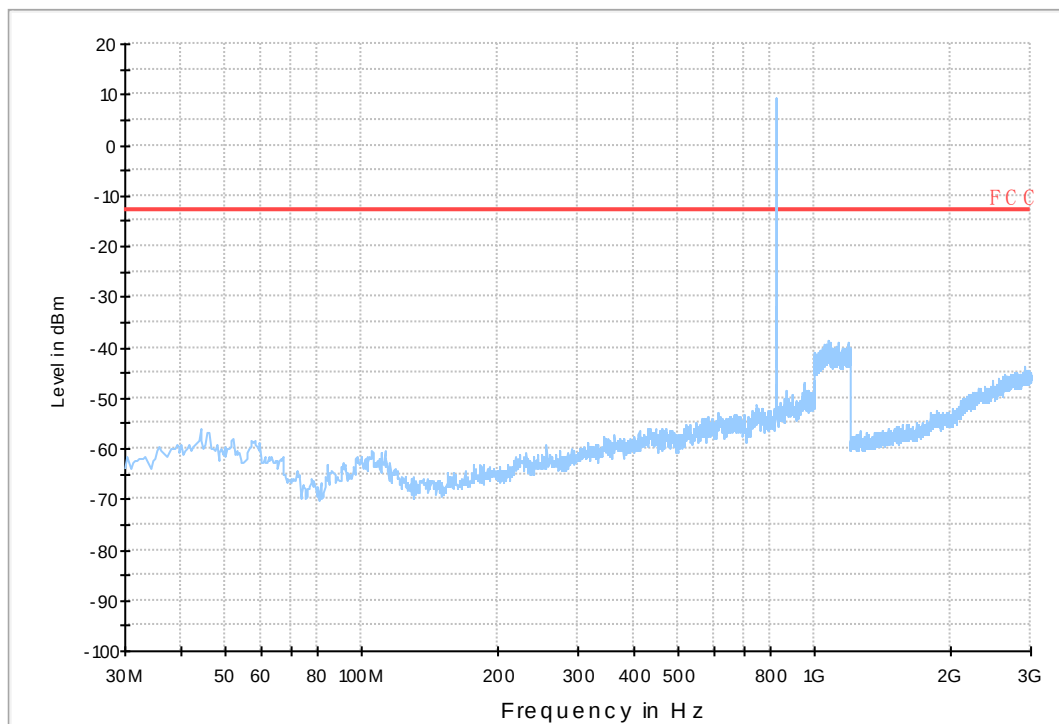


7.1.2 Test Band = BAND26_ANT2

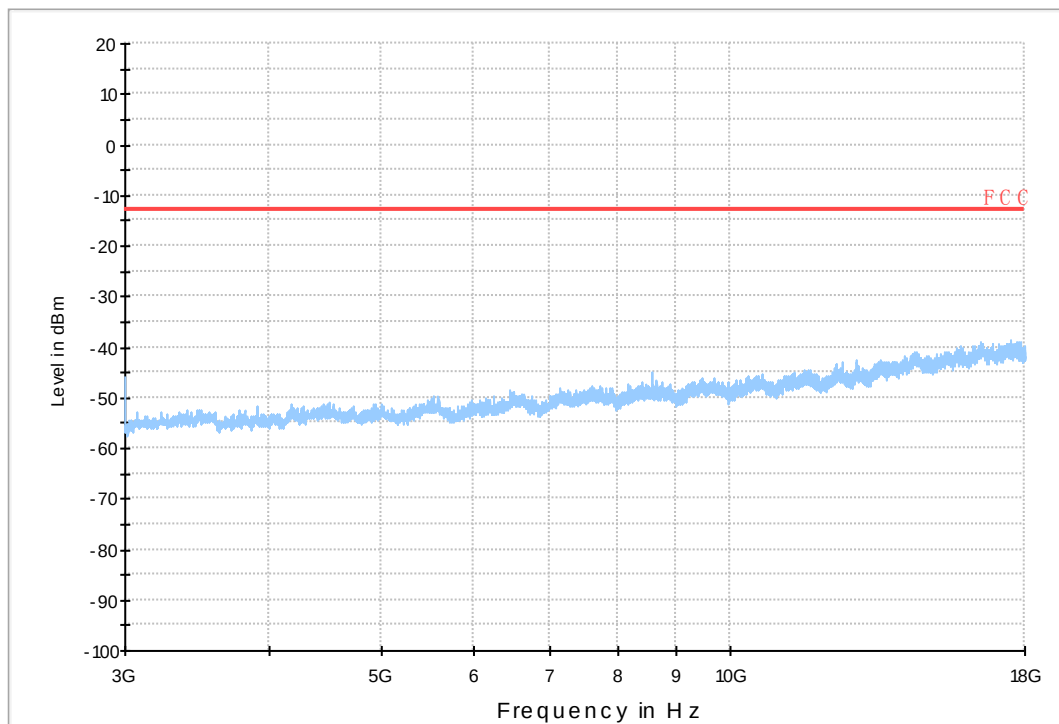
7.1.2.1 Test Bandwidth = 1.4



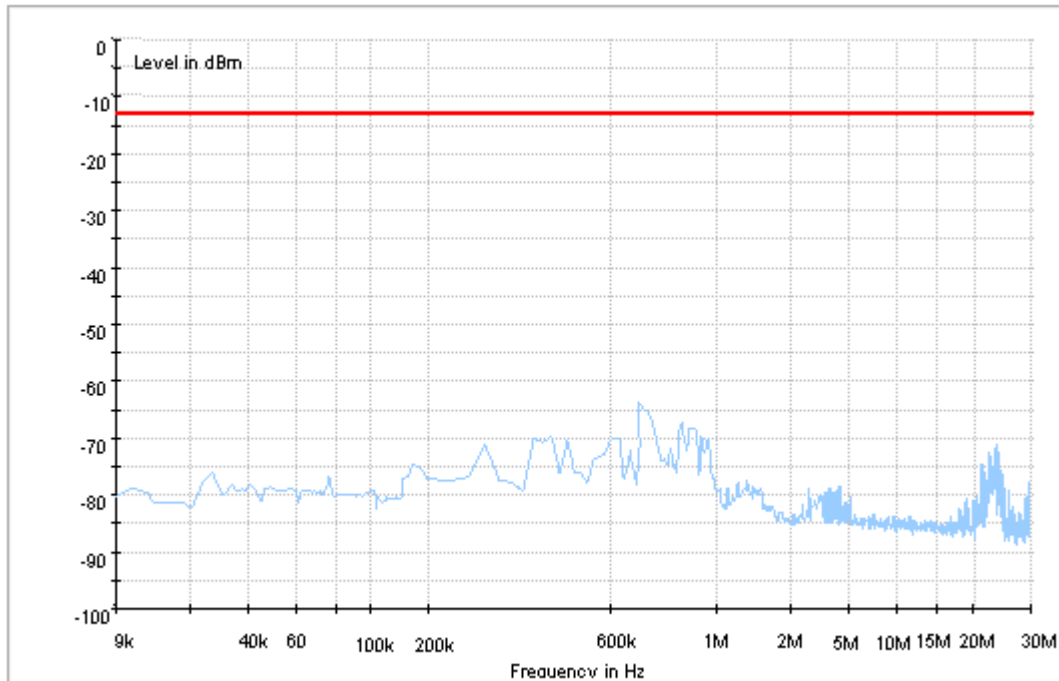
Copy of RSE-TX-DIRECTOR BELOW 1G_L



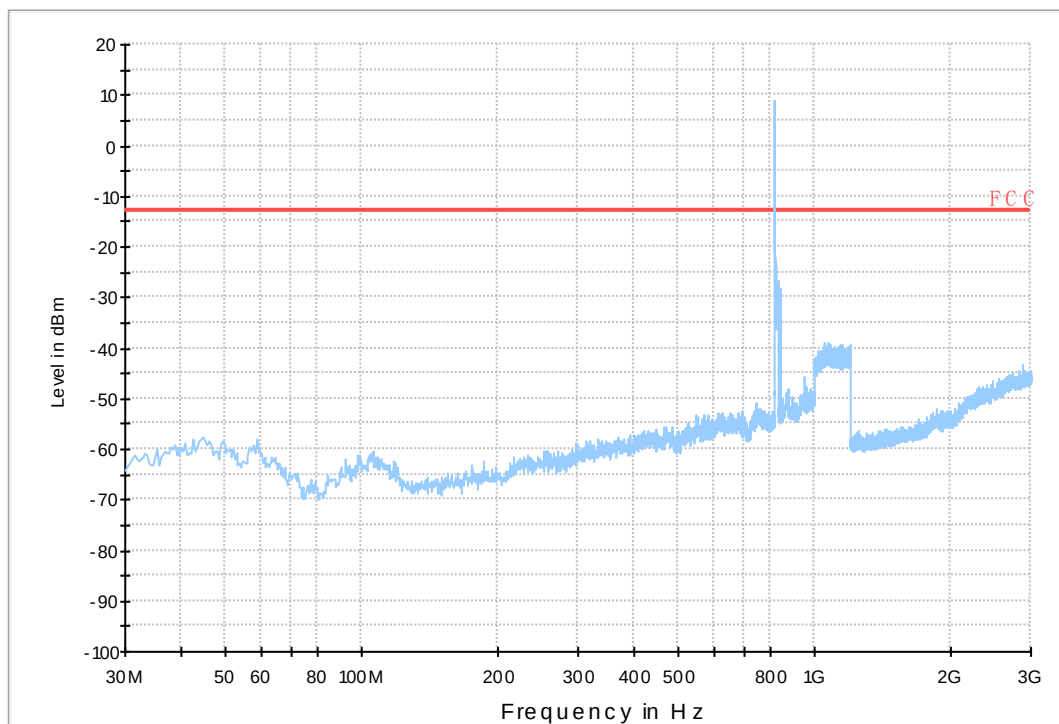
Copy of RSE-TX-DIRECTOR BELOW 1G_H



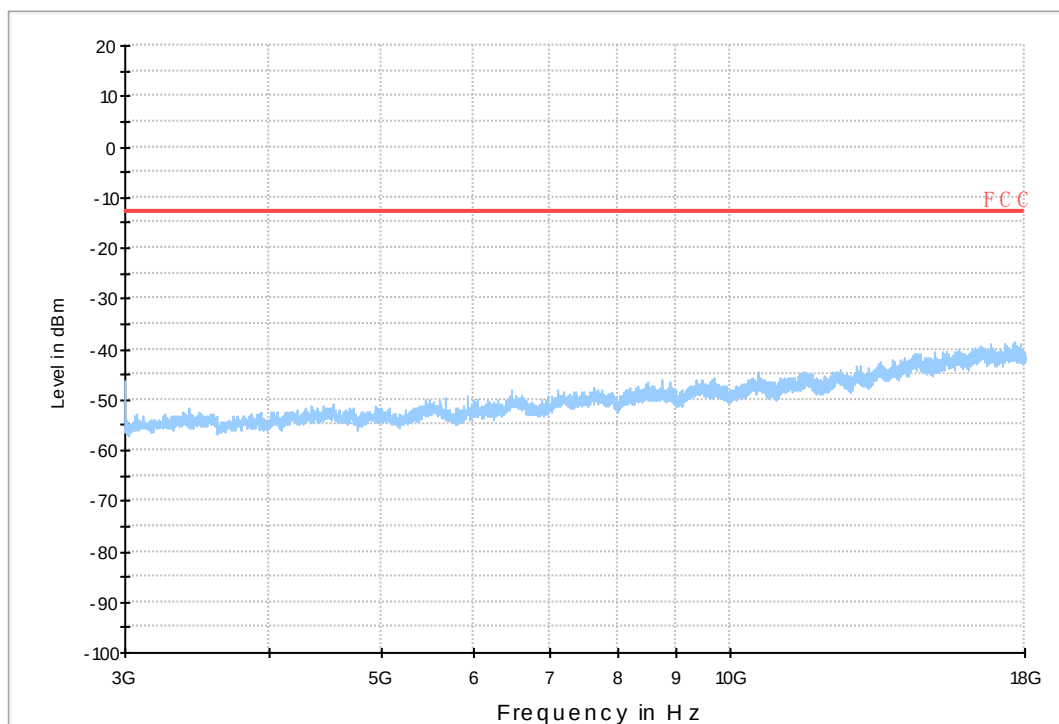
7.1.2.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_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
BAND26	LTE/TM1	1.4	LCH	TN	VL	0.57	0.0007	PASS
					VN	-0.43	-0.00053	PASS
					VH	0.76	0.00093	PASS
			MCH	TN	VL	-3.72	-0.00454	PASS
					VN	4.49	0.00548	PASS
					VH	7.54	0.00921	PASS
			HCH	TN	VL	0.11	0.00013	PASS
					VN	2.76	0.00335	PASS
					VH	-3.56	-0.00432	PASS
		3	LCH	TN	VL	-4.16	-0.0051	PASS
					VN	-3.93	-0.00482	PASS
					VH	-5.55	-0.00681	PASS
			MCH	TN	VL	-6.84	-0.00835	PASS
					VN	-1.04	-0.00127	PASS
					VH	0.90	0.0011	PASS
			HCH	TN	VL	-1.36	-0.00165	PASS
					VN	2.22	0.0027	PASS
					VH	1.22	0.00148	PASS
		5	LCH	TN	VL	-1.53	-0.00187	PASS
					VN	-5.76	-0.00705	PASS
					VH	-2.25	-0.00276	PASS
			MCH	TN	VL	-0.41	-0.0005	PASS
					VN	-5.18	-0.00632	PASS
					VH	-1.24	-0.00151	PASS
			HCH	TN	VL	0.80	0.00097	PASS
					VN	0.80	0.00097	PASS
					VH	-0.86	-0.00105	PASS
		10	LCH	TN	VL	-0.76	-0.00093	PASS
					VN	-2.52	-0.00308	PASS
					VH	-0.50	-0.00061	PASS
			MCH	TN	VL	-1.79	-0.00219	PASS
					VN	-1.29	-0.00158	PASS
					VH	3.36	0.0041	PASS
			HCH	TN	VL	0.37	0.00045	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	0.13	0.00016	PASS
					VH	-2.29	-0.0028	PASS
		1.4	LCH	TN	VL	-1.12	-0.00137	PASS
					VN	-1.29	-0.00158	PASS
					VH	-0.97	-0.00119	PASS
					VL	1.70	0.00208	PASS
			MCH	TN	VN	-2.59	-0.00316	PASS
					VH	-4.38	-0.00535	PASS
					VL	0.83	0.00101	PASS
					VN	-0.92	-0.00112	PASS
			HCH	TN	VH	-0.96	-0.00117	PASS
					VL	-5.74	-0.00704	PASS
					VN	-5.78	-0.00709	PASS
					VH	4.82	0.00591	PASS
		3	LCH	TN	VL	-3.55	-0.00433	PASS
					VN	-2.05	-0.0025	PASS
					VH	-2.32	-0.00283	PASS
			MCH	TN	VL	-1.44	-0.00175	PASS
					VN	-1.03	-0.00125	PASS
					VH	4.78	0.00581	PASS
			HCH	TN	VL	-4.13	-0.00506	PASS
					VN	-4.46	-0.00546	PASS
					VH	-2.29	-0.0028	PASS
			MCH	TN	VL	-5.66	-0.00691	PASS
					VN	-0.97	-0.00118	PASS
					VH	-0.51	-0.00062	PASS
			HCH	TN	VL	-3.22	-0.00392	PASS
					VN	1.62	0.00197	PASS
					VH	-4.91	-0.00598	PASS
		10	LCH	TN	VL	-6.17	-0.00753	PASS
					VN	-0.40	-0.00049	PASS
					VH	0.66	0.00081	PASS
			MCH	TN	VL	-0.06	-0.00007	PASS
					VN	-1.23	-0.0015	PASS
					VH	-2.32	-0.00283	PASS
			HCH	TN	VL	-0.50	-0.00061	PASS
					VN	1.16	0.00142	PASS
					VH	2.60	0.00317	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
BAND26	LTE/TM1	1.4	LCH	VN	-30	-3.05	-0.00374	PASS
					-20	0.13	0.00016	PASS
					-10	-2.69	-0.0033	PASS
					0	-0.30	-0.00037	PASS
					10	-1.92	-0.00236	PASS
					20	-0.39	-0.00048	PASS
					30	-1.09	-0.00134	PASS
					40	-1.17	-0.00144	PASS
					50	-1.86	-0.00228	PASS
			MCH	VN	-30	-5.24	-0.0064	PASS
					-20	1.32	0.00161	PASS
					-10	-2.02	-0.00247	PASS
					0	-5.41	-0.00661	PASS
					10	-2.76	-0.00337	PASS
					20	-1.30	-0.00159	PASS
					30	-8.10	-0.00989	PASS
					40	1.43	0.00175	PASS
					50	-1.65	-0.00201	PASS
			HCH	VN	-30	-0.27	-0.00033	PASS
					-20	-0.27	-0.00033	PASS
					-10	-0.76	-0.00092	PASS
					0	-2.09	-0.00254	PASS
					10	-0.27	-0.00033	PASS
					20	-1.27	-0.00154	PASS
					30	-1.52	-0.00185	PASS
					40	-0.83	-0.00101	PASS
					50	-2.12	-0.00258	PASS
		3	LCH	VN	-30	-1.13	-0.00139	PASS
					-20	-8.13	-0.00997	PASS
					-10	-3.98	-0.00488	PASS
					0	-2.09	-0.00256	PASS
					10	-0.66	-0.00081	PASS
					20	0.27	0.00033	PASS
					30	0.79	0.00097	PASS
					40	2.23	0.00273	PASS
					50	3.08	0.00378	PASS
			MCH	VN	-30	-4.43	-0.00541	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-4.82	-0.00589	PASS
					-10	-1.39	-0.0017	PASS
					0	0.47	0.00057	PASS
					10	-4.15	-0.00507	PASS
					20	1.23	0.0015	PASS
					30	1.40	0.00171	PASS
					40	2.45	0.00299	PASS
					50	-2.30	-0.00281	PASS
			HCH	VN	-30	1.57	0.00191	PASS
					-20	1.13	0.00137	PASS
					-10	0.92	0.00112	PASS
					0	3.50	0.00426	PASS
					10	-1.20	-0.00146	PASS
					20	1.23	0.0015	PASS
					30	2.05	0.00249	PASS
					40	-0.77	-0.00094	PASS
					50	6.75	0.00821	PASS
		5	LCH	VN	-30	-3.35	-0.0041	PASS
					-20	-3.45	-0.00423	PASS
					-10	-2.22	-0.00272	PASS
					0	0.50	0.00061	PASS
					10	0.72	0.00088	PASS
					20	-3.89	-0.00476	PASS
					30	1.27	0.00156	PASS
					40	-0.70	-0.00086	PASS
					50	-6.02	-0.00737	PASS
			MCH	VN	-30	-1.70	-0.00208	PASS
					-20	-1.10	-0.00134	PASS
					-10	-3.40	-0.00415	PASS
					0	-0.79	-0.00096	PASS
					10	-0.94	-0.00115	PASS
					20	0.74	0.0009	PASS
					30	-1.10	-0.00134	PASS
					40	1.44	0.00176	PASS
					50	-4.85	-0.00592	PASS
			HCH	VN	-30	-0.72	-0.00088	PASS
					-20	1.80	0.00219	PASS
					-10	-4.45	-0.00542	PASS
					0	-4.63	-0.00564	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	2.83	0.00344	PASS
					20	0.46	0.00056	PASS
					30	0.13	0.00016	PASS
					40	1.97	0.0024	PASS
					50	1.17	0.00142	PASS
		10	LCH	VN	-30	-1.33	-0.00162	PASS
					-20	-0.41	-0.0005	PASS
					-10	-6.92	-0.00845	PASS
					0	1.53	0.00187	PASS
					10	3.58	0.00437	PASS
					20	1.70	0.00208	PASS
					30	-1.53	-0.00187	PASS
					40	-1.26	-0.00154	PASS
					50	6.88	0.0084	PASS
			MCH	VN	-30	0.21	0.00026	PASS
					-20	-4.68	-0.00571	PASS
					-10	-0.44	-0.00054	PASS
					0	0.16	0.0002	PASS
					10	3.03	0.0037	PASS
					20	0.64	0.00078	PASS
					30	-3.16	-0.00386	PASS
					40	2.47	0.00302	PASS
					50	-1.06	-0.00129	PASS
			HCH	VN	-30	4.92	0.00601	PASS
					-20	-1.92	-0.00234	PASS
					-10	-3.40	-0.00415	PASS
					0	5.05	0.00617	PASS
					10	-7.02	-0.00857	PASS
					20	4.92	0.00601	PASS
					30	1.67	0.00204	PASS
					40	-6.32	-0.00772	PASS
					50	4.51	0.00551	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.33	-0.00041	PASS
					-20	-2.07	-0.00254	PASS
					-10	-2.47	-0.00303	PASS
					0	-0.04	-0.00005	PASS
					10	0.44	0.00054	PASS
					20	-3.13	-0.00384	PASS
					30	-1.26	-0.00155	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.06	0.00007	PASS
					50	-0.27	-0.00033	PASS
			MCH	VN	-30	-6.38	-0.00779	PASS
					-20	3.65	0.00446	PASS
					-10	-1.37	-0.00167	PASS
					0	-2.25	-0.00275	PASS
					10	9.44	0.01153	PASS
					20	-3.43	-0.00419	PASS
					30	-6.05	-0.00739	PASS
					40	-3.68	-0.00449	PASS
					50	-6.27	-0.00766	PASS
			HCH	VN	-30	1.49	0.00181	PASS
					-20	0.92	0.00112	PASS
					-10	-1.82	-0.00221	PASS
					0	-2.43	-0.00295	PASS
					10	-0.34	-0.00041	PASS
					20	0.04	0.00005	PASS
					30	-0.82	-0.001	PASS
					40	-1.80	-0.00219	PASS
					50	-1.36	-0.00165	PASS
		3	LCH	VN	-30	-5.26	-0.00645	PASS
					-20	-3.59	-0.0044	PASS
					-10	-10.33	-0.01267	PASS
					0	-3.56	-0.00437	PASS
					10	-5.59	-0.00685	PASS
					20	-1.97	-0.00242	PASS
					30	3.29	0.00403	PASS
					40	-4.25	-0.00521	PASS
					50	4.33	0.00531	PASS
			MCH	VN	-30	3.42	0.00418	PASS
					-20	-5.12	-0.00625	PASS
					-10	-1.76	-0.00215	PASS
					0	-1.14	-0.00139	PASS
					10	3.65	0.00446	PASS
					20	1.99	0.00243	PASS
					30	-6.39	-0.0078	PASS
					40	5.02	0.00613	PASS
					50	2.35	0.00287	PASS
			HCH	VN	-30	-0.36	-0.00044	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-1.63	-0.00198	PASS
					-10	-1.97	-0.0024	PASS
					0	-0.11	-0.00013	PASS
					10	-0.99	-0.0012	PASS
					20	-1.32	-0.0016	PASS
					30	-3.08	-0.00374	PASS
					40	5.49	0.00667	PASS
					50	-3.58	-0.00435	PASS
		5	LCH	VN	-30	-1.57	-0.00192	PASS
					-20	-1.26	-0.00154	PASS
					-10	0.94	0.00115	PASS
					0	-0.63	-0.00077	PASS
					10	0.87	0.00107	PASS
					20	-3.16	-0.00387	PASS
					30	1.89	0.00231	PASS
					40	-2.15	-0.00263	PASS
					50	-2.78	-0.0034	PASS
			MCH	VN	-30	0.53	0.00065	PASS
					-20	1.24	0.00151	PASS
					-10	-2.88	-0.00352	PASS
					0	2.86	0.00349	PASS
					10	-1.32	-0.00161	PASS
					20	1.67	0.00204	PASS
					30	-0.13	-0.00016	PASS
					40	-2.68	-0.00327	PASS
					50	1.34	0.00164	PASS
			HCH	VN	-30	-1.20	-0.00146	PASS
					-20	5.16	0.00628	PASS
					-10	-0.27	-0.00033	PASS
					0	1.04	0.00127	PASS
					10	-0.33	-0.0004	PASS
					20	1.72	0.00209	PASS
					30	3.02	0.00368	PASS
					40	-1.36	-0.00166	PASS
					50	2.47	0.00301	PASS
		10	LCH	VN	-30	-1.80	-0.0022	PASS
					-20	-3.71	-0.00453	PASS
					-10	-4.75	-0.0058	PASS
					0	-0.10	-0.00012	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	2.25	0.00275	PASS
					20	-3.38	-0.00413	PASS
					30	-1.49	-0.00182	PASS
					40	-2.46	-0.003	PASS
					50	0.89	0.00109	PASS
			MCH	VN	-30	0.21	0.00026	PASS
					-20	-1.60	-0.00195	PASS
					-10	1.44	0.00176	PASS
					0	-1.27	-0.00155	PASS
					10	2.68	0.00327	PASS
					20	-1.37	-0.00167	PASS
					30	0.16	0.0002	PASS
					40	0.76	0.00093	PASS
					50	-3.30	-0.00403	PASS
			HCH	VN	-30	0.19	0.00023	PASS
					-20	-1.66	-0.00203	PASS
					-10	0.37	0.00045	PASS
					0	-3.15	-0.00385	PASS
					10	-2.69	-0.00328	PASS
					20	2.26	0.00276	PASS
					30	-2.86	-0.00349	PASS
					40	0.14	0.00017	PASS
					50	-2.07	-0.00253	PASS

END