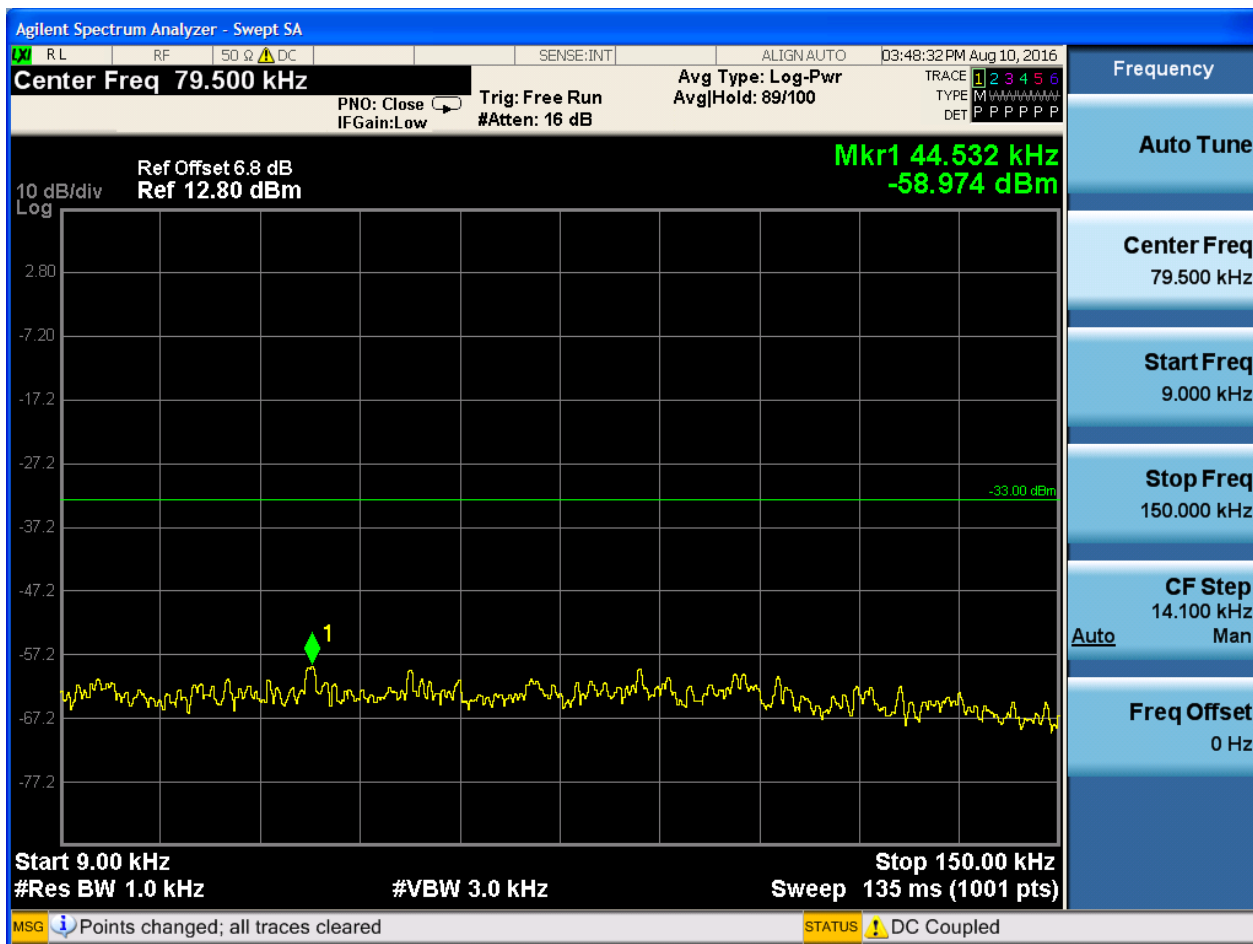


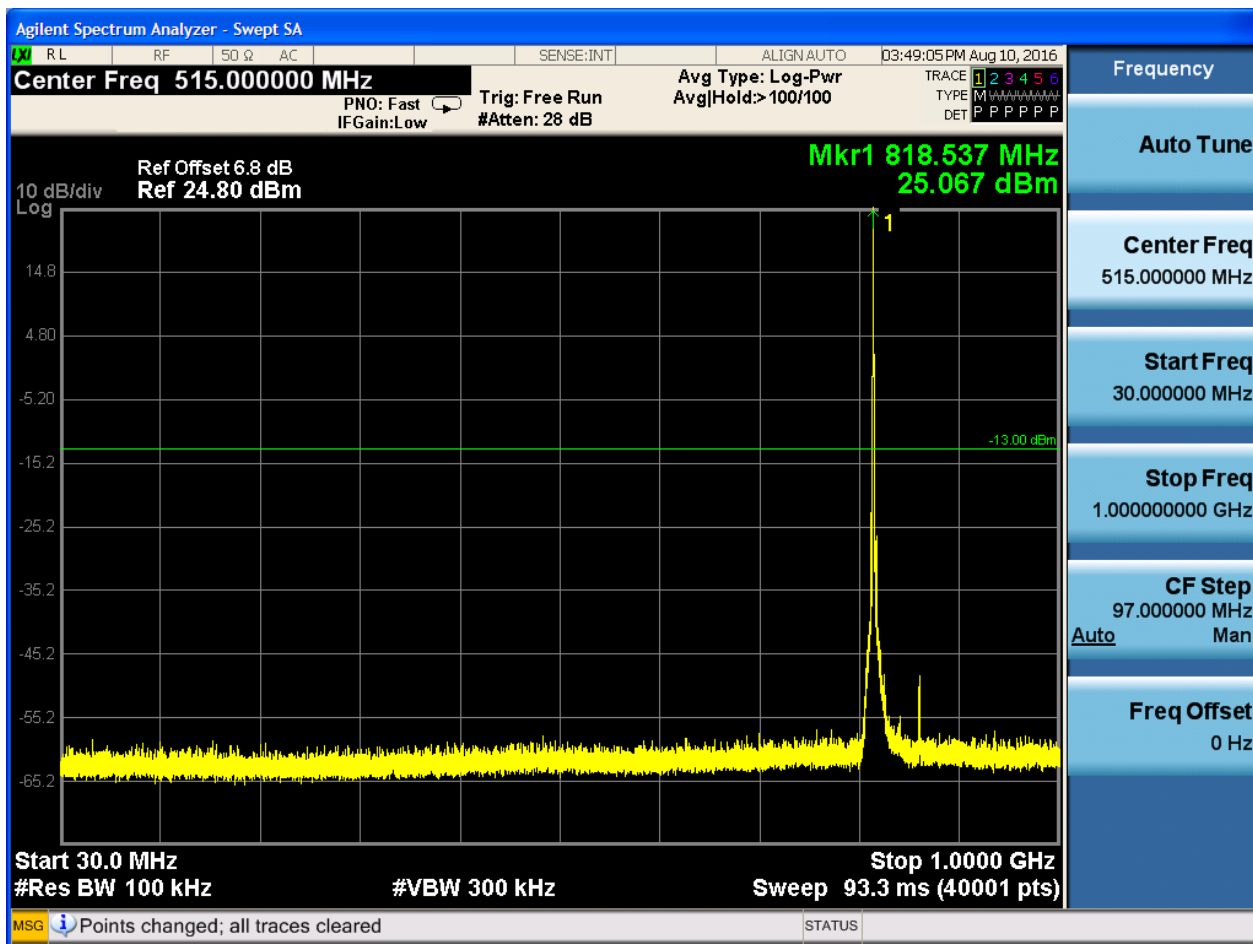


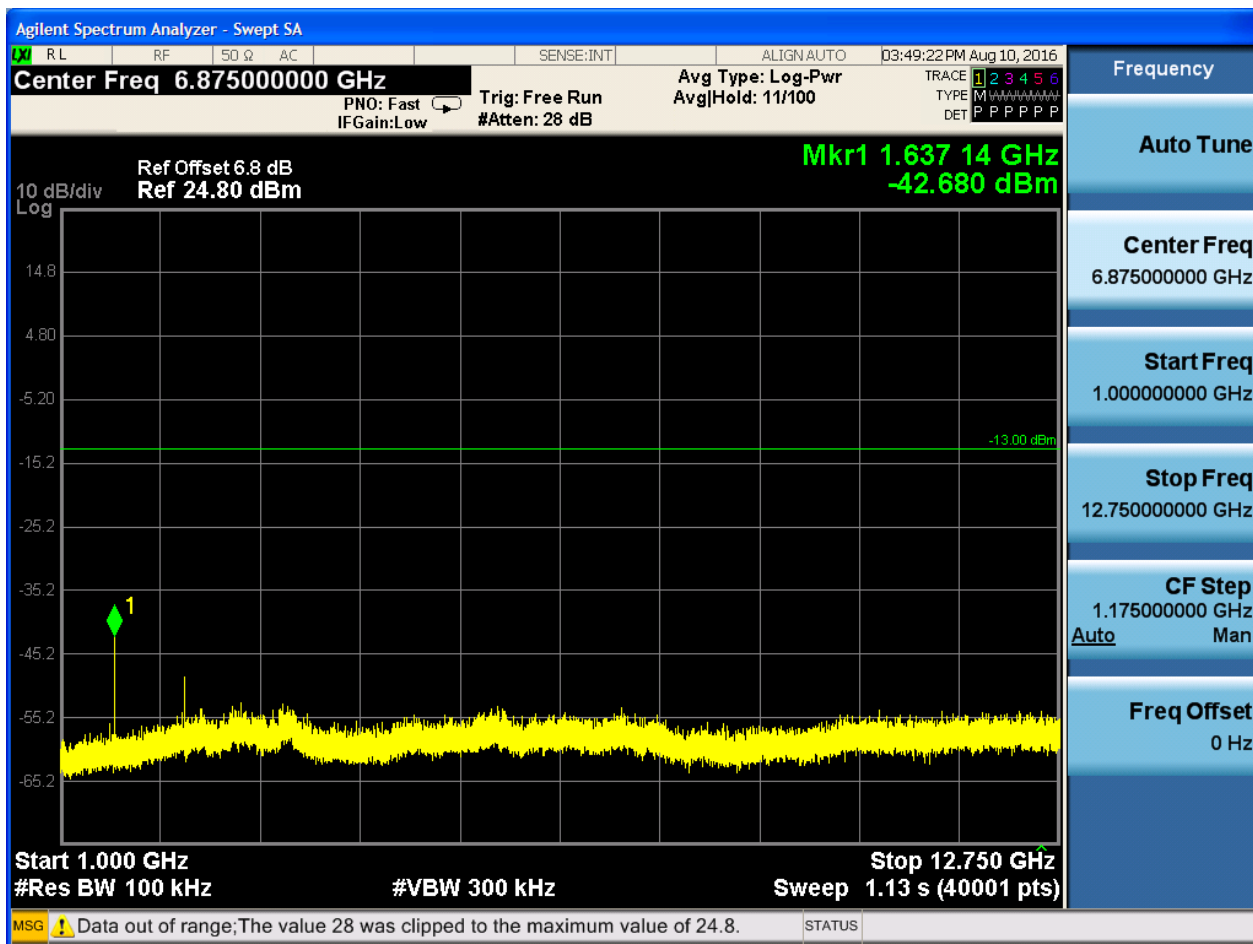
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0





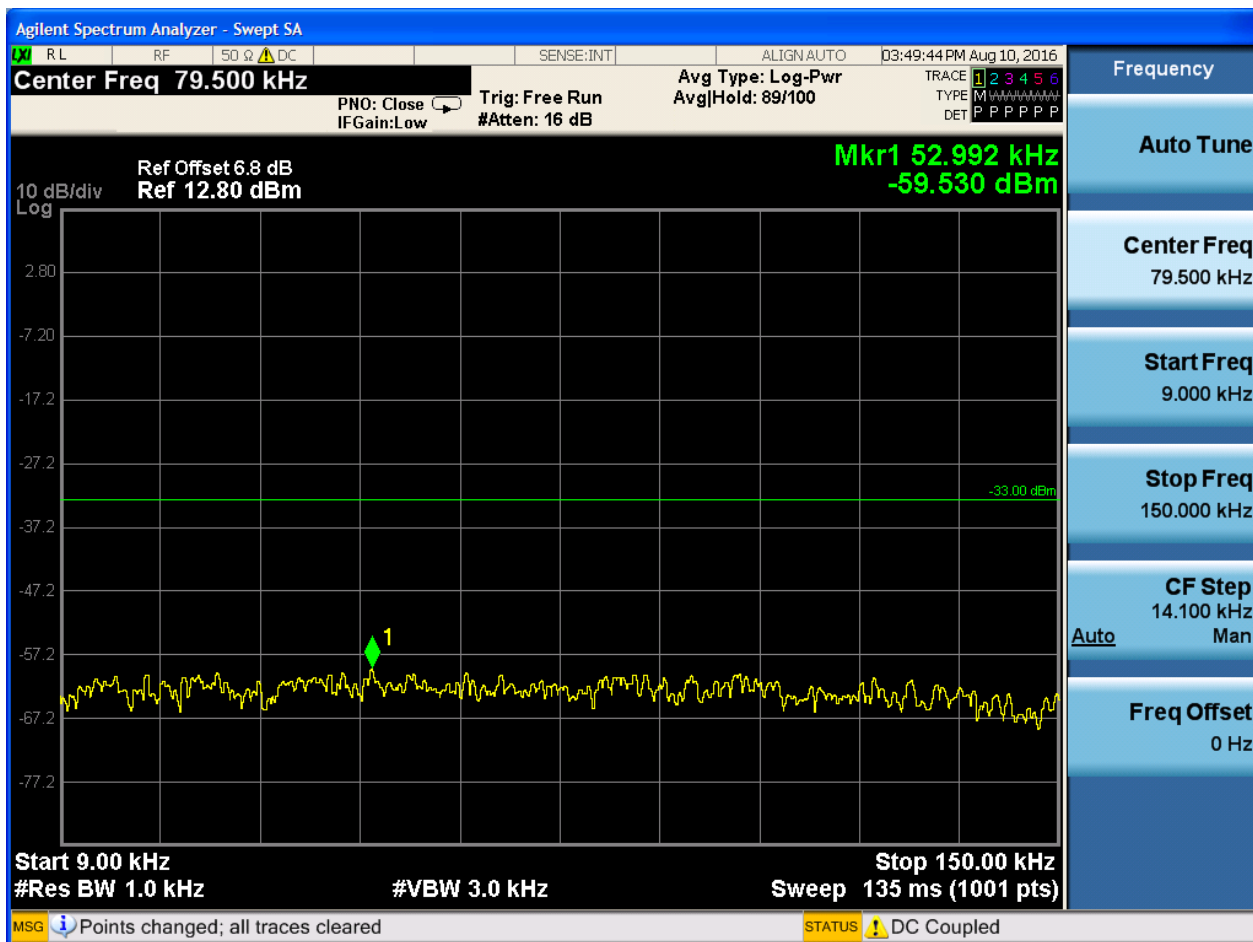




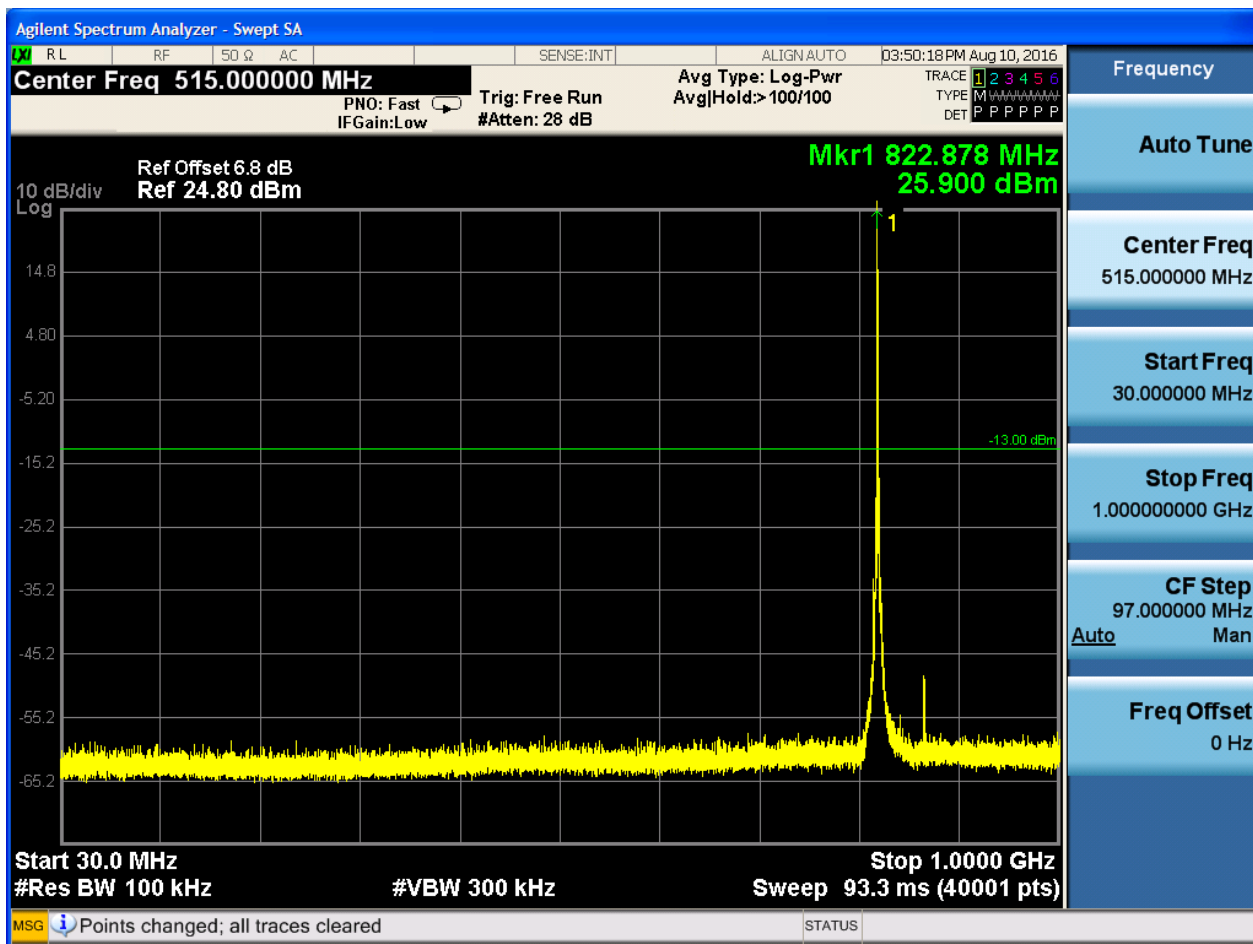


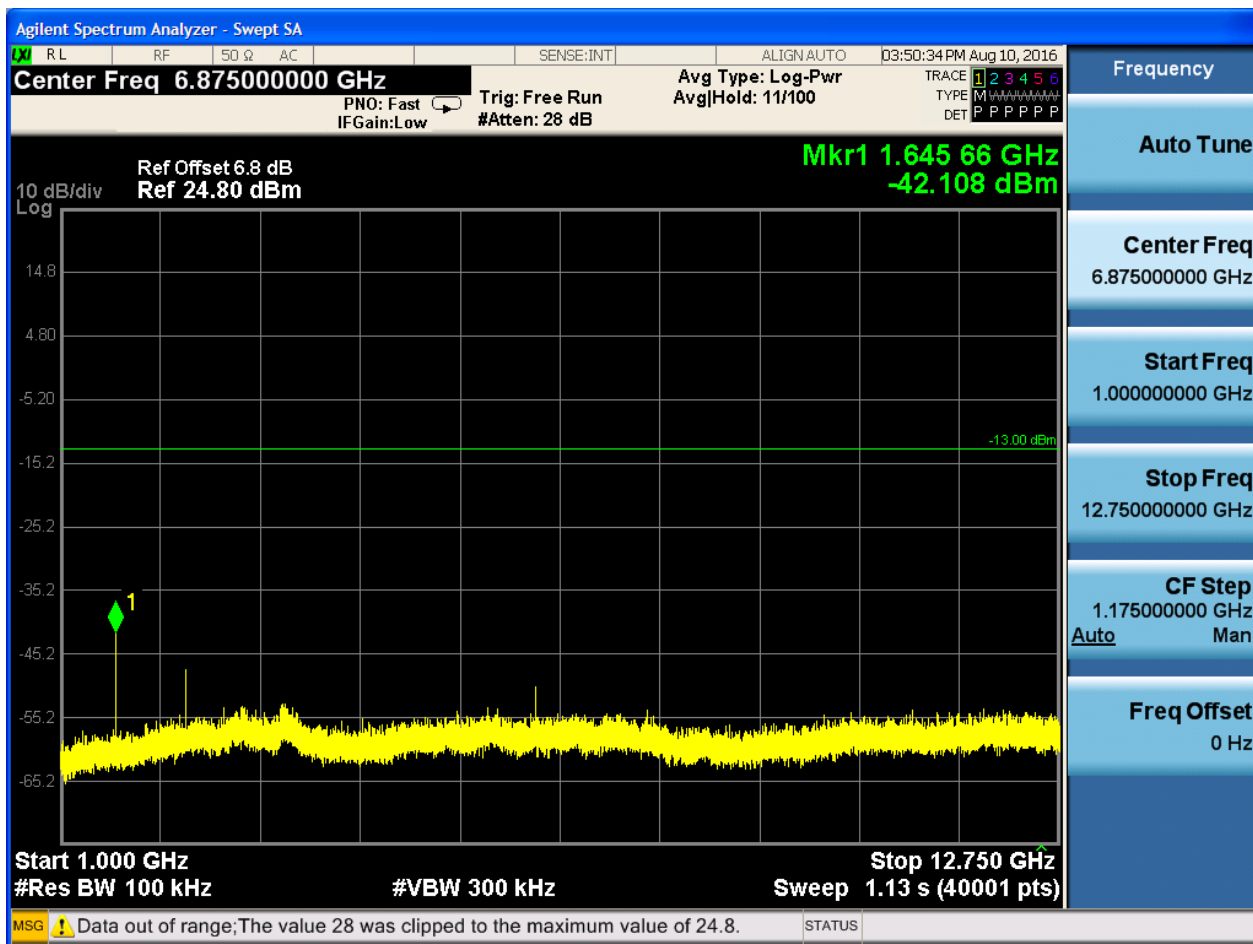
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







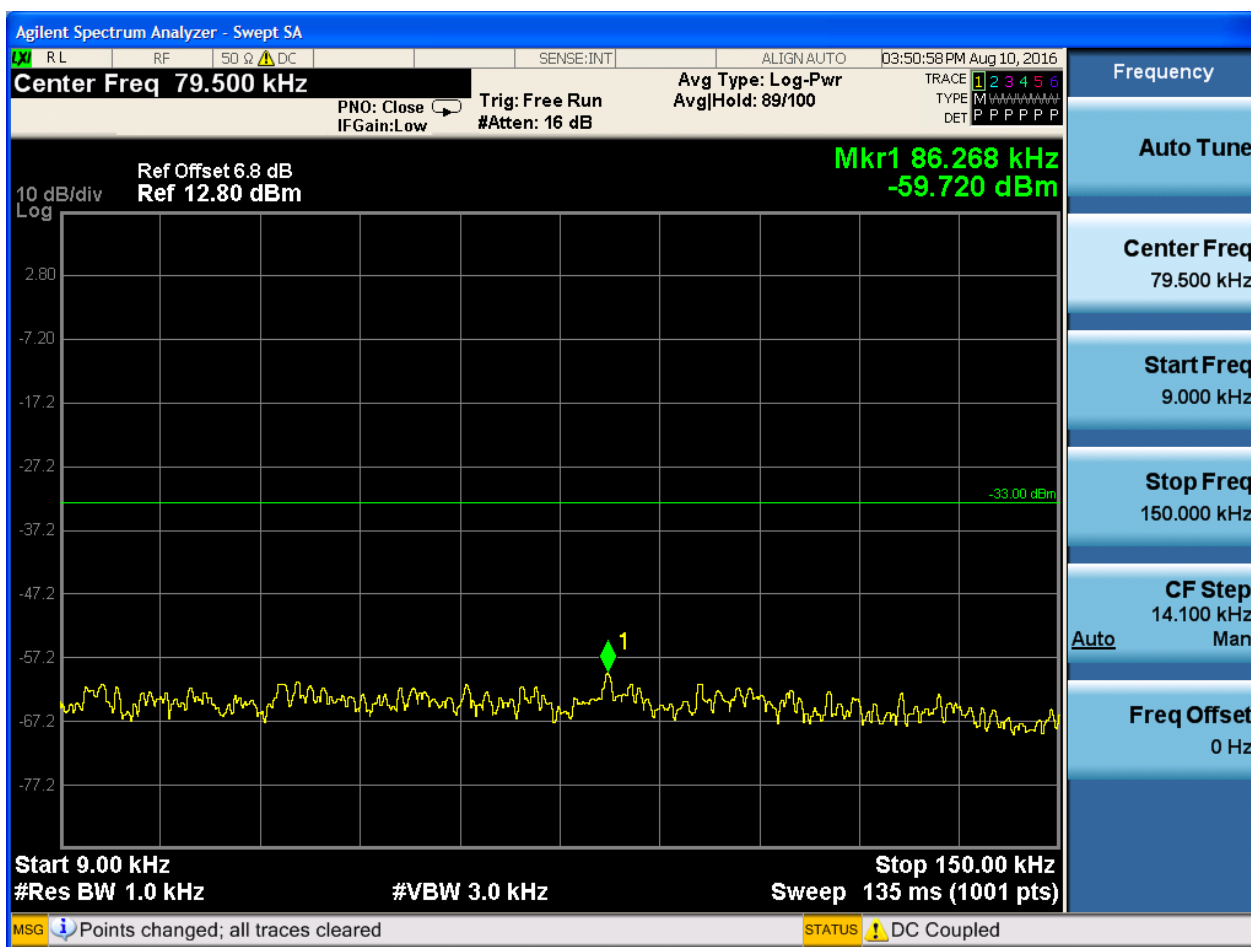


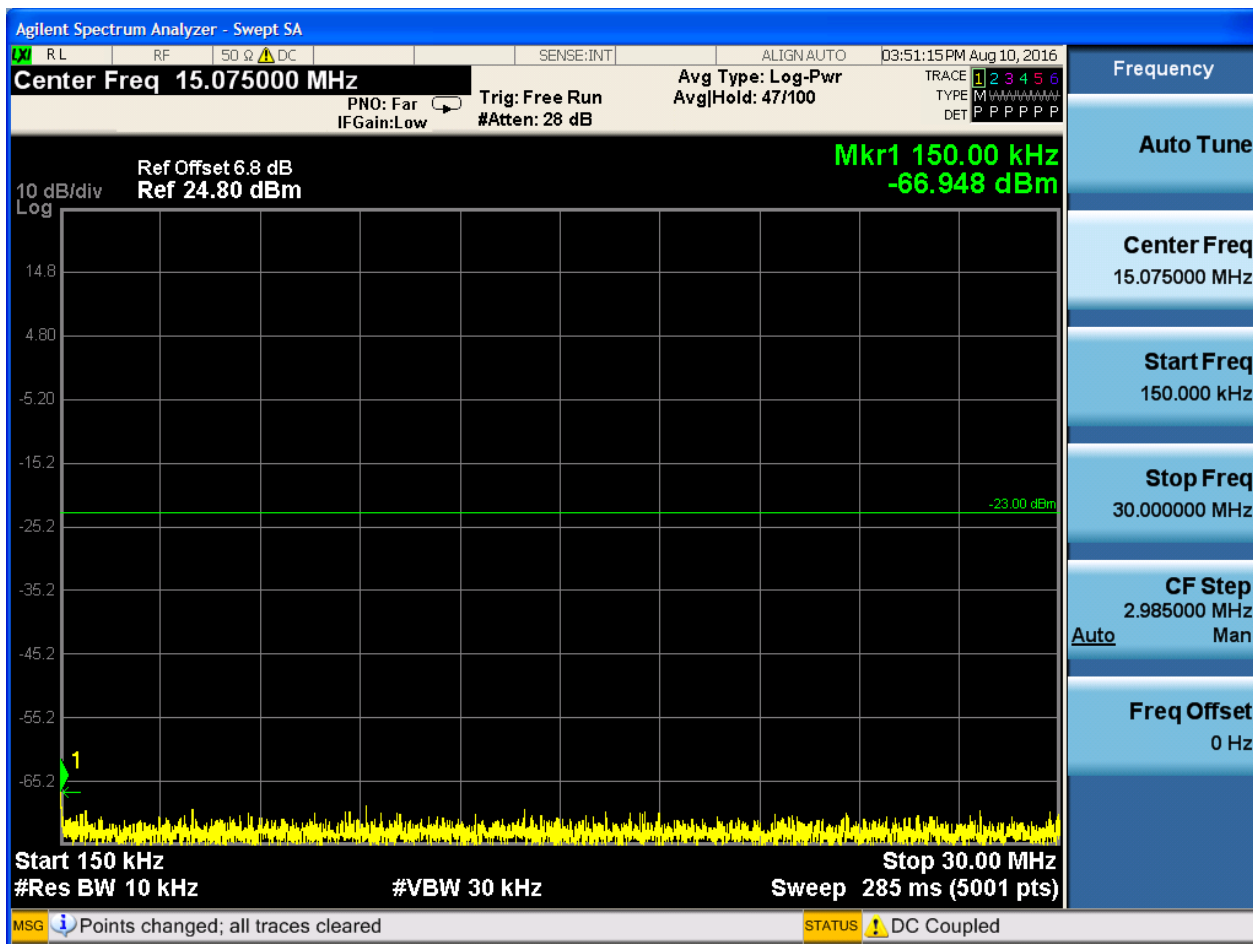


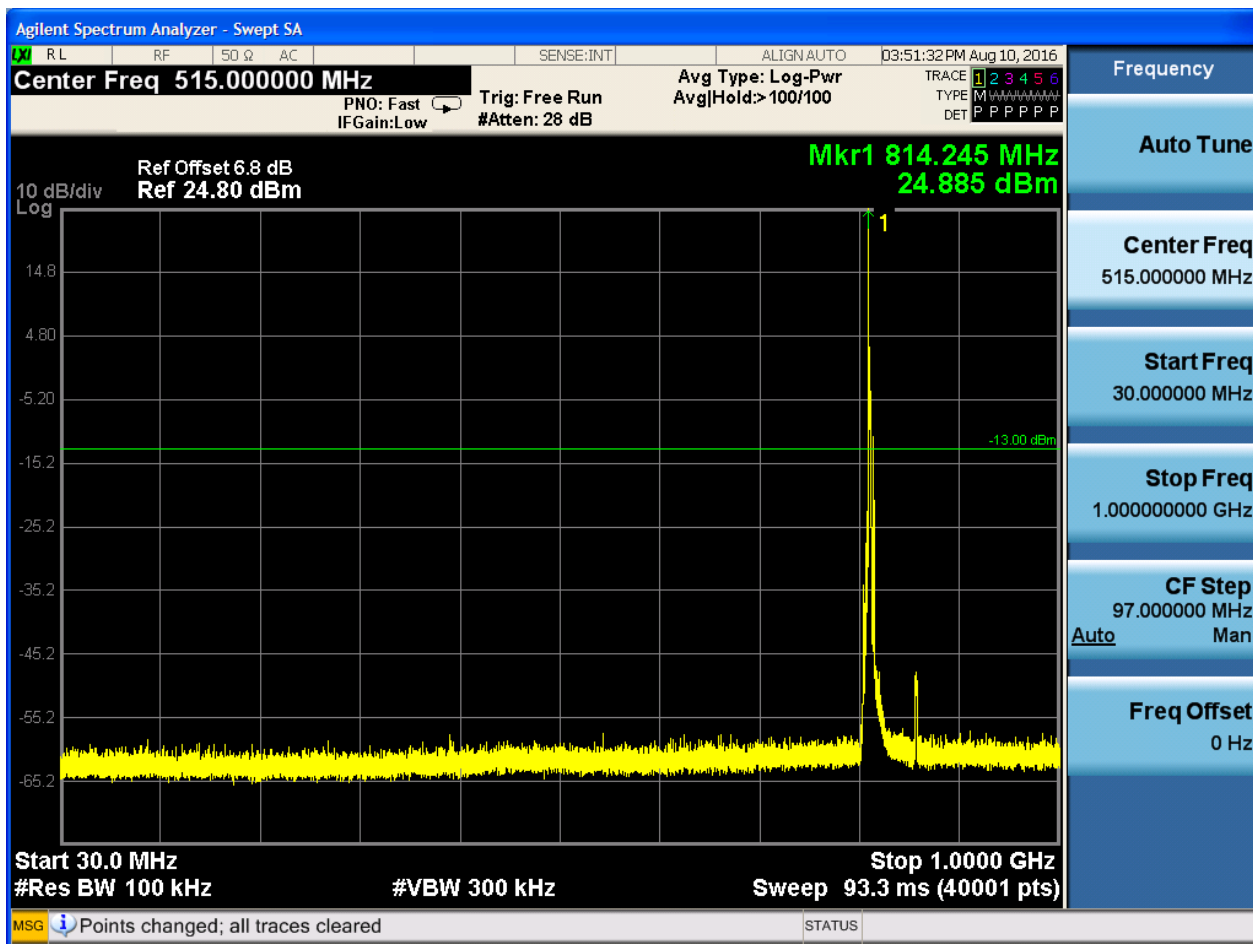
6.1.1.2.2 Test Bandwidth = 3

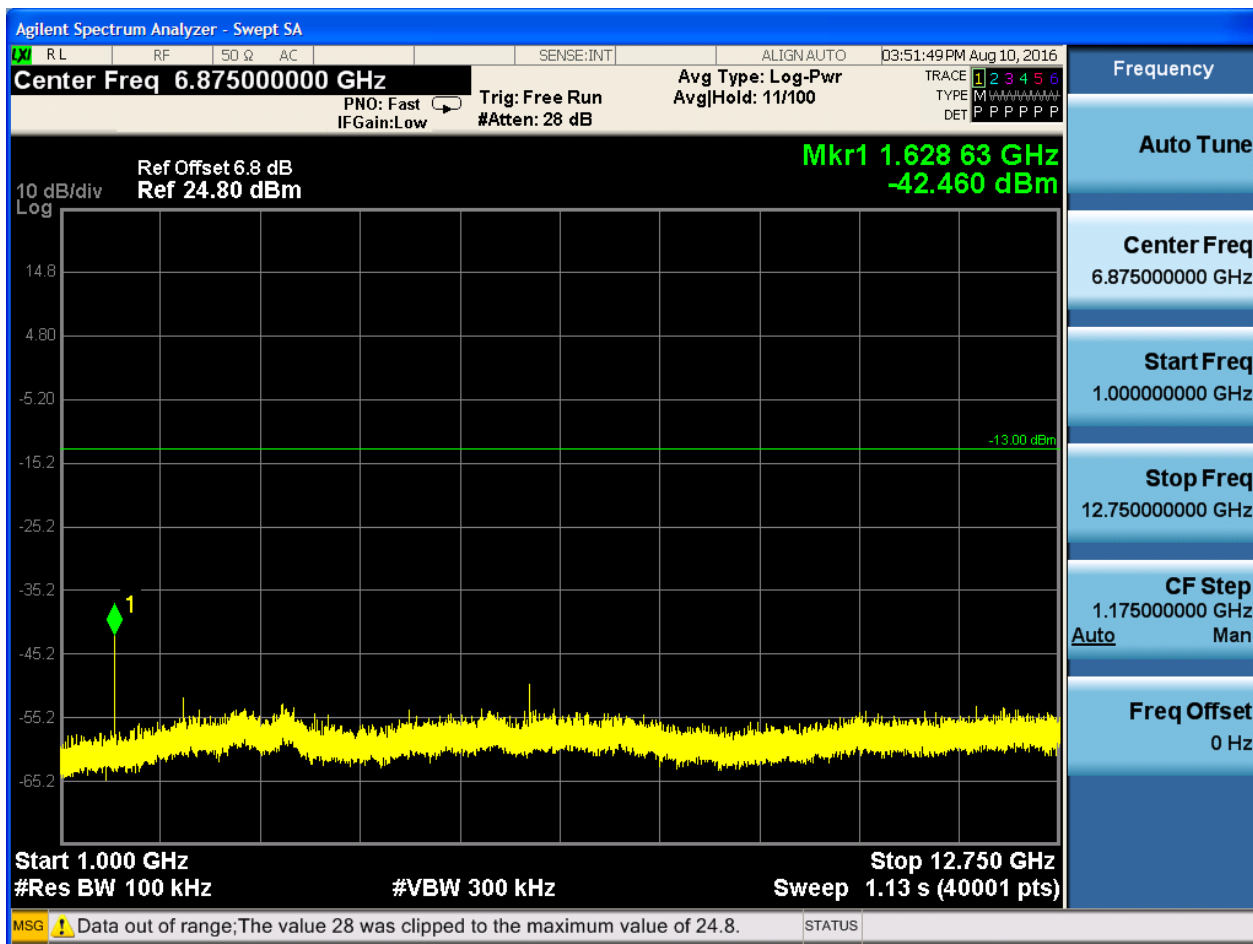
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



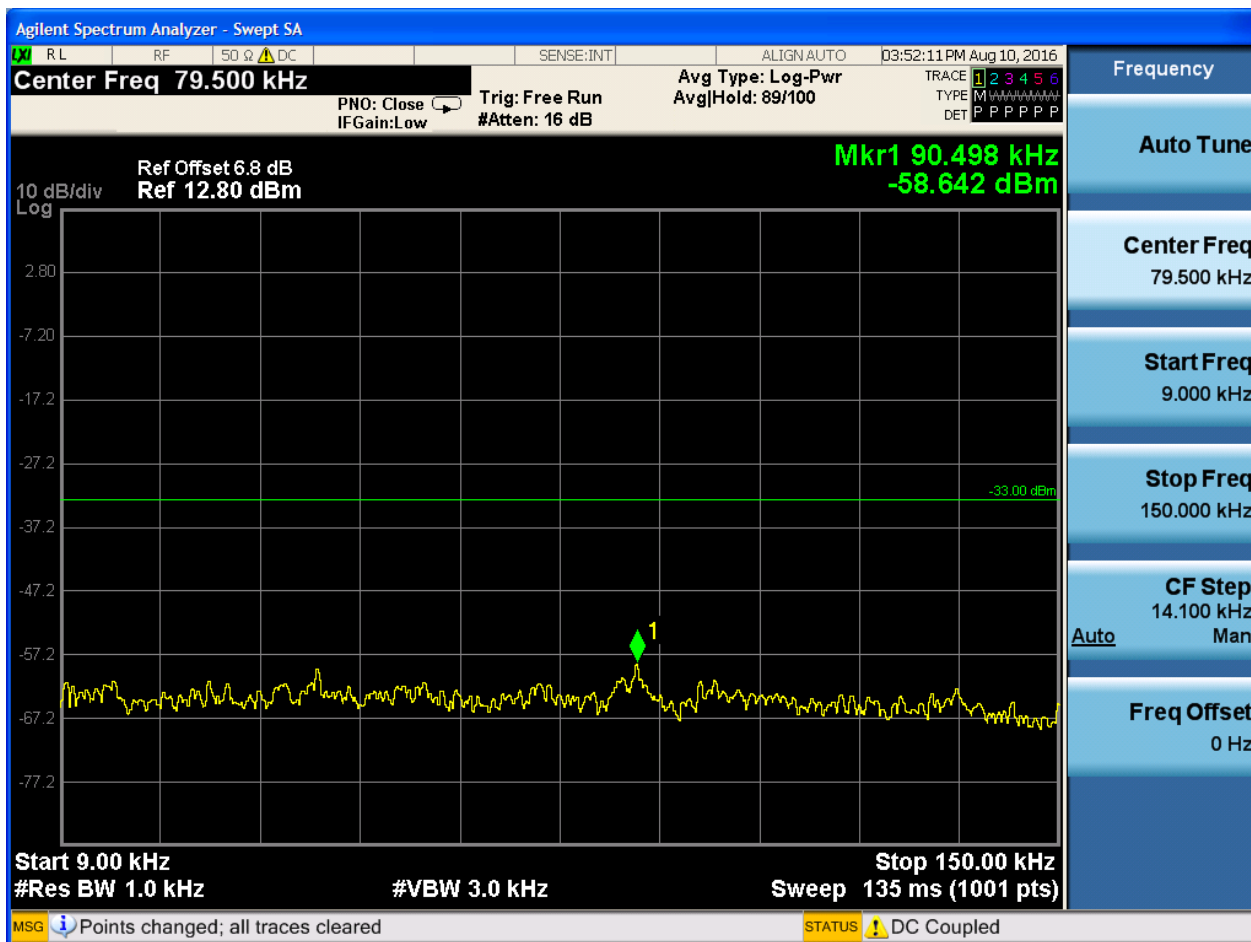


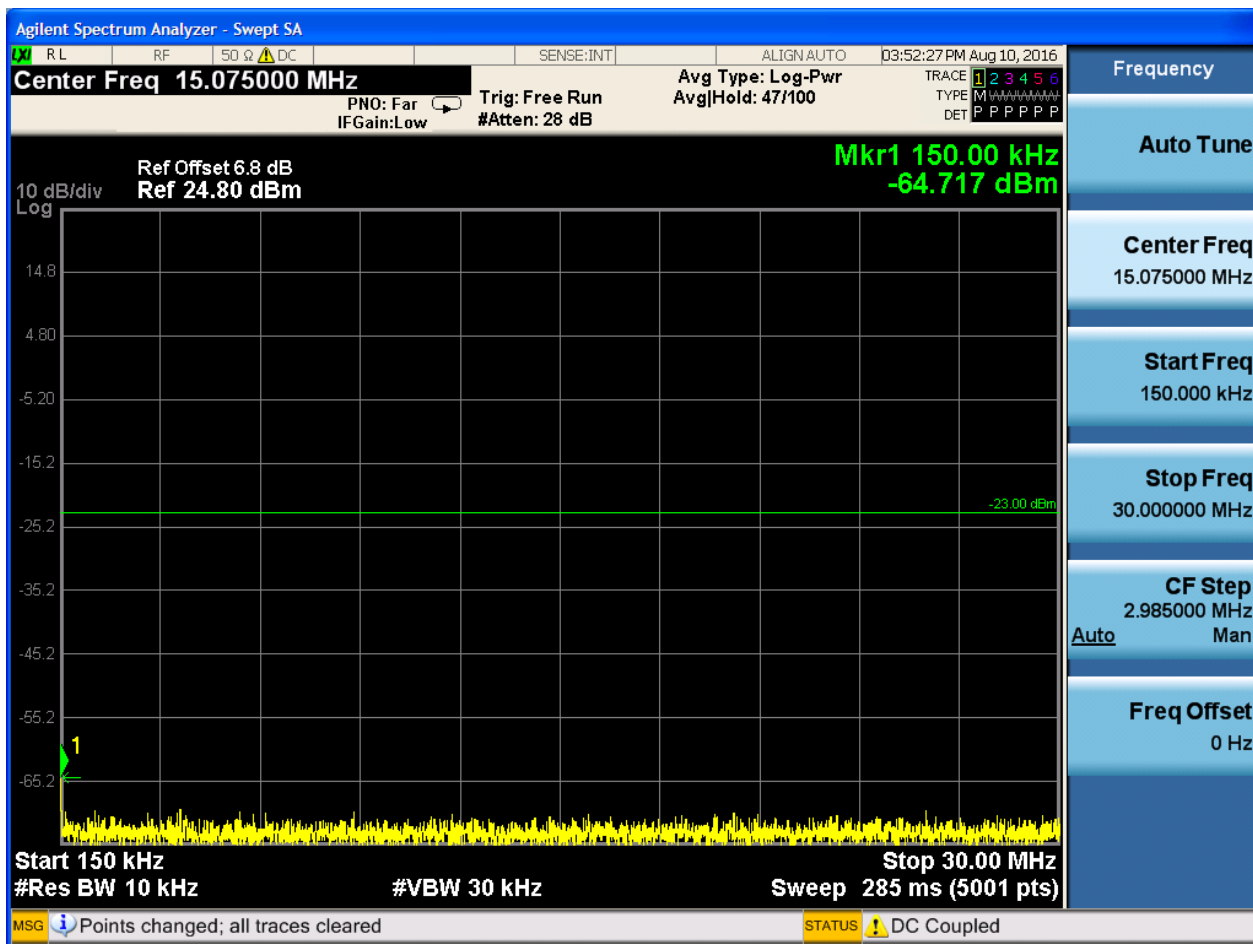


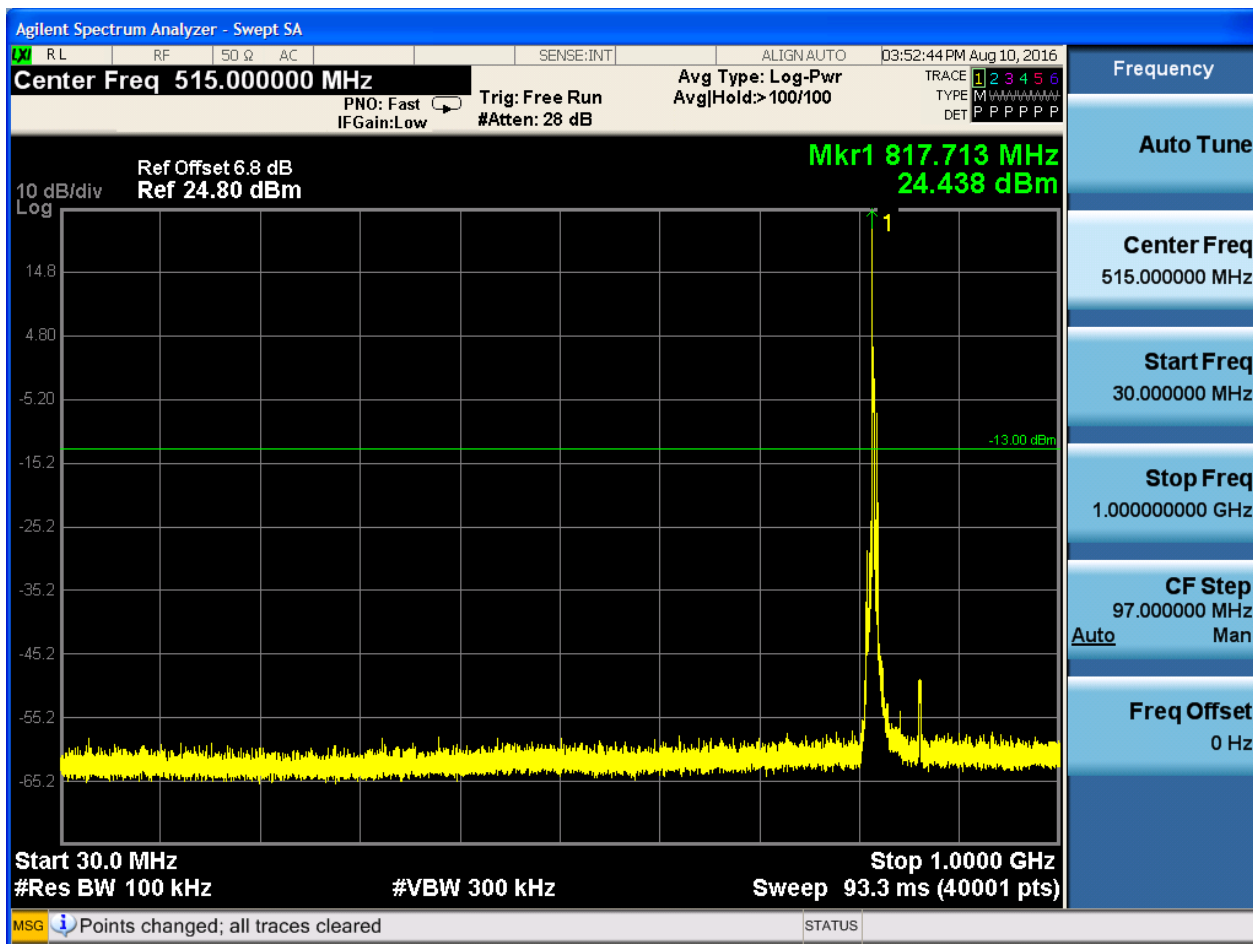


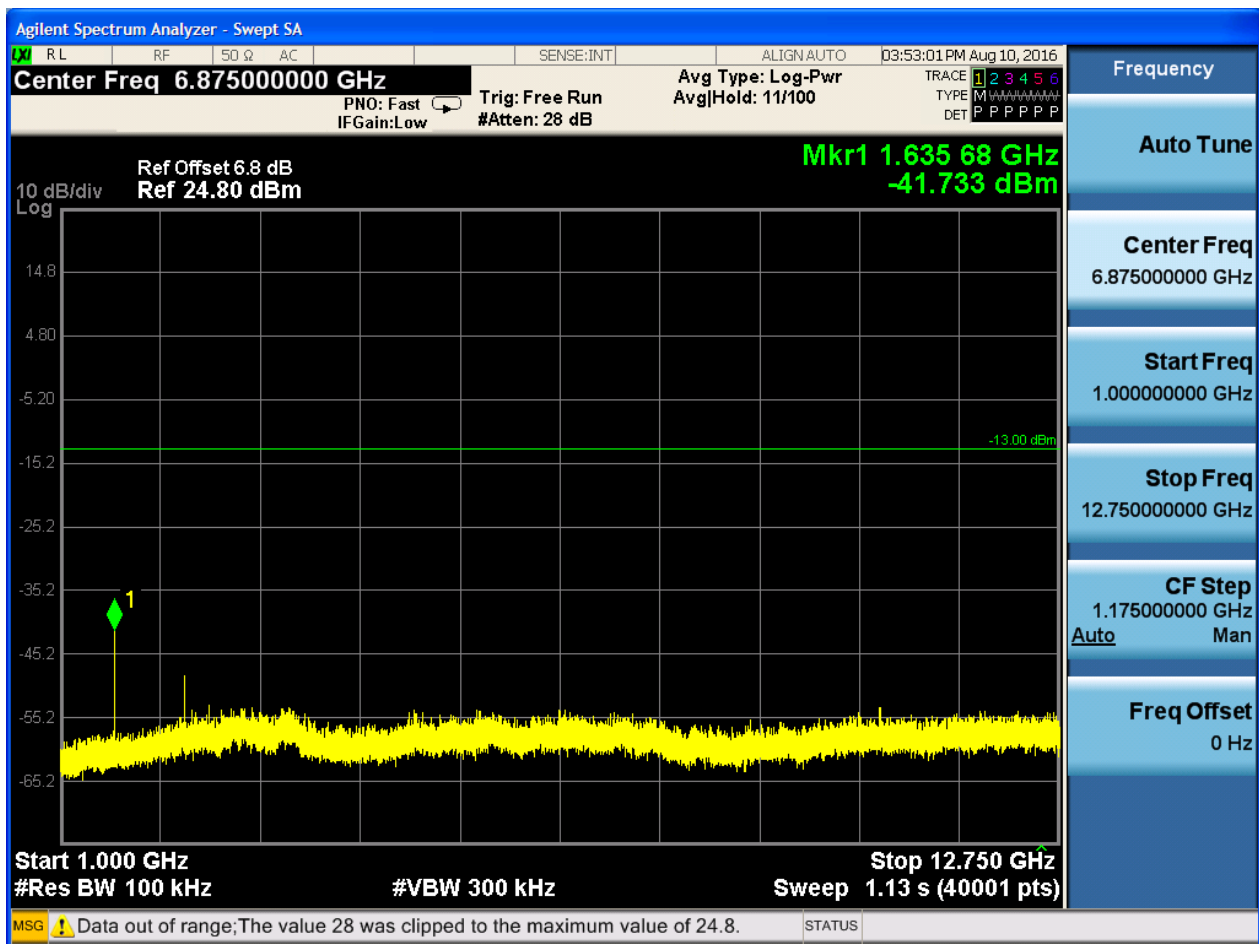
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



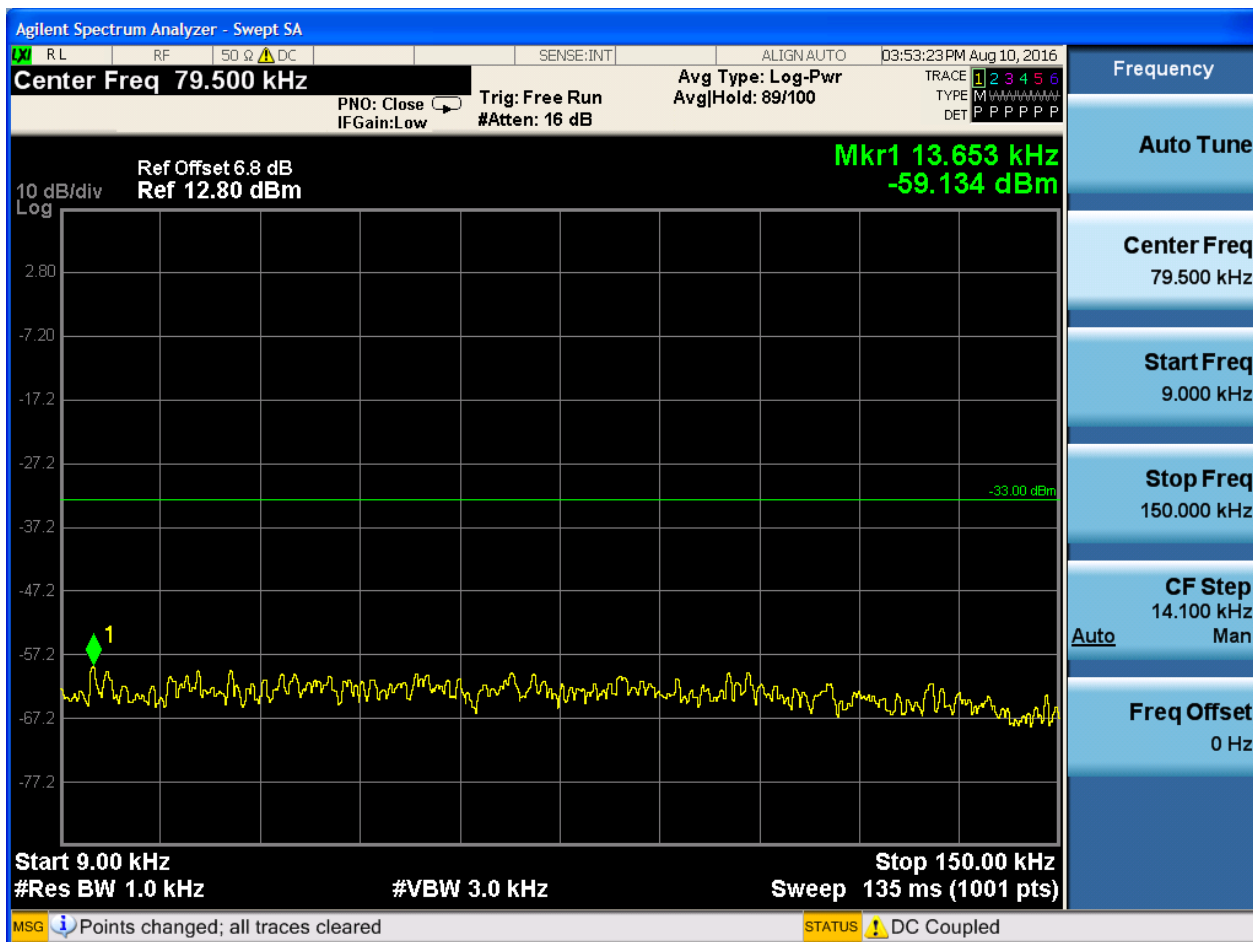


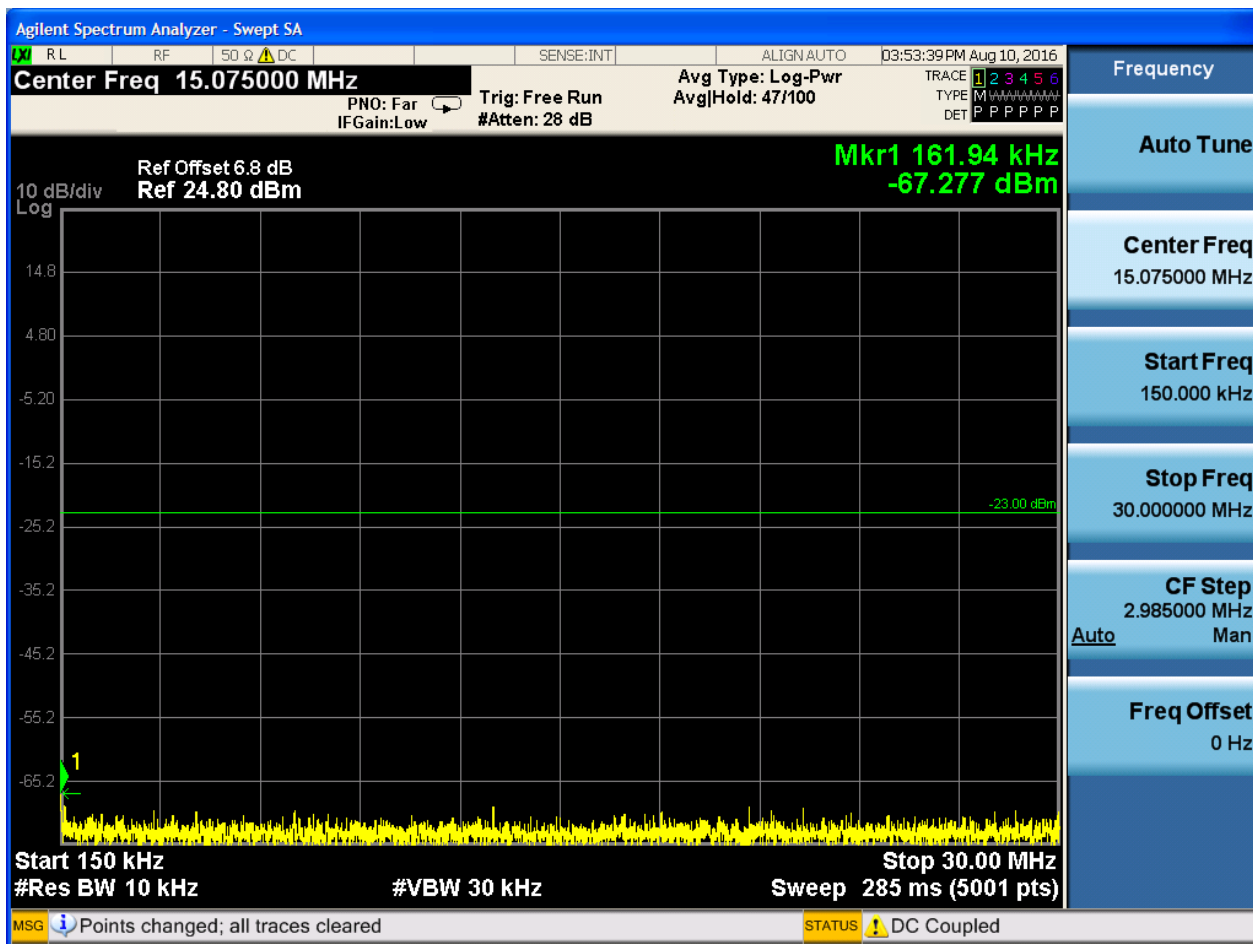


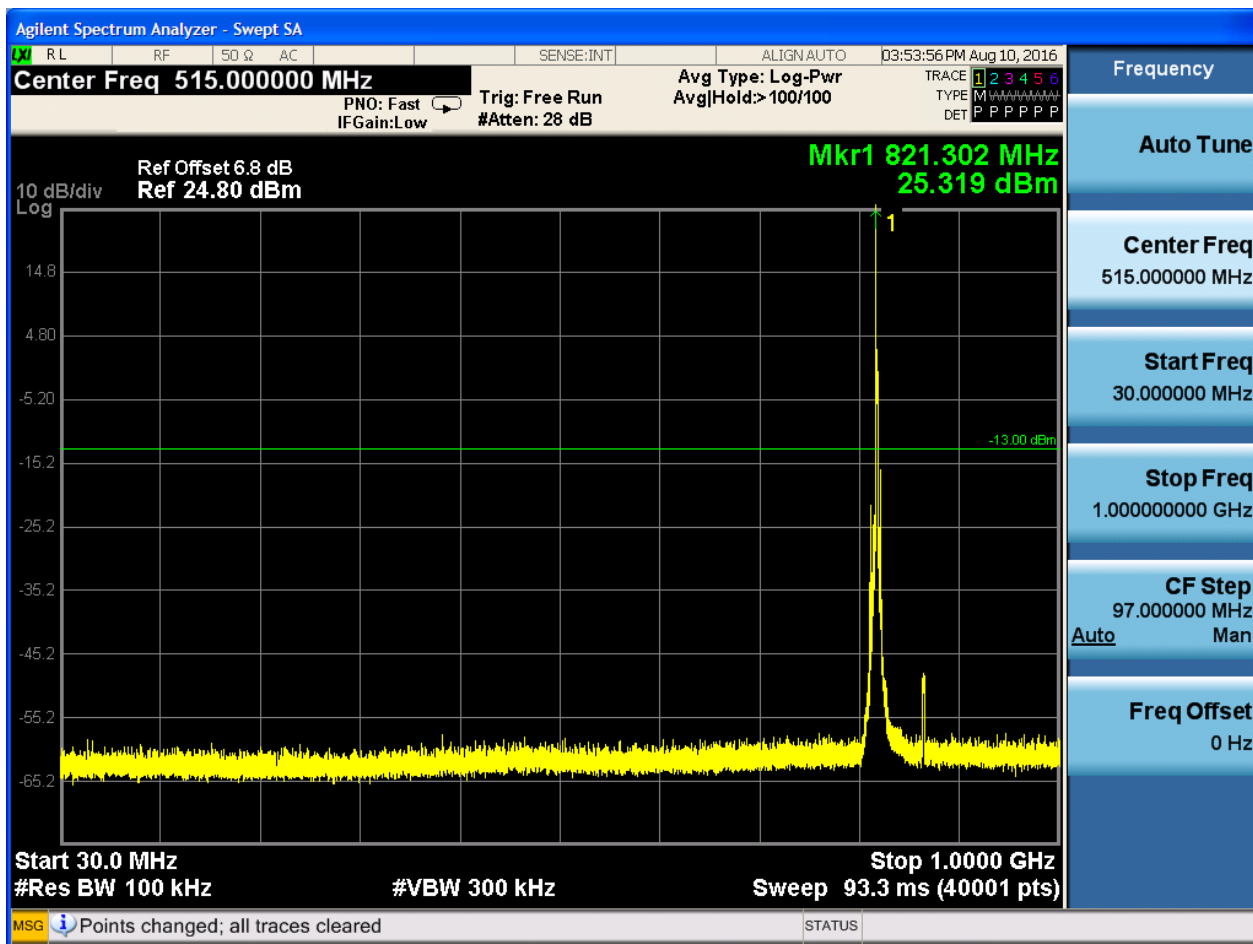


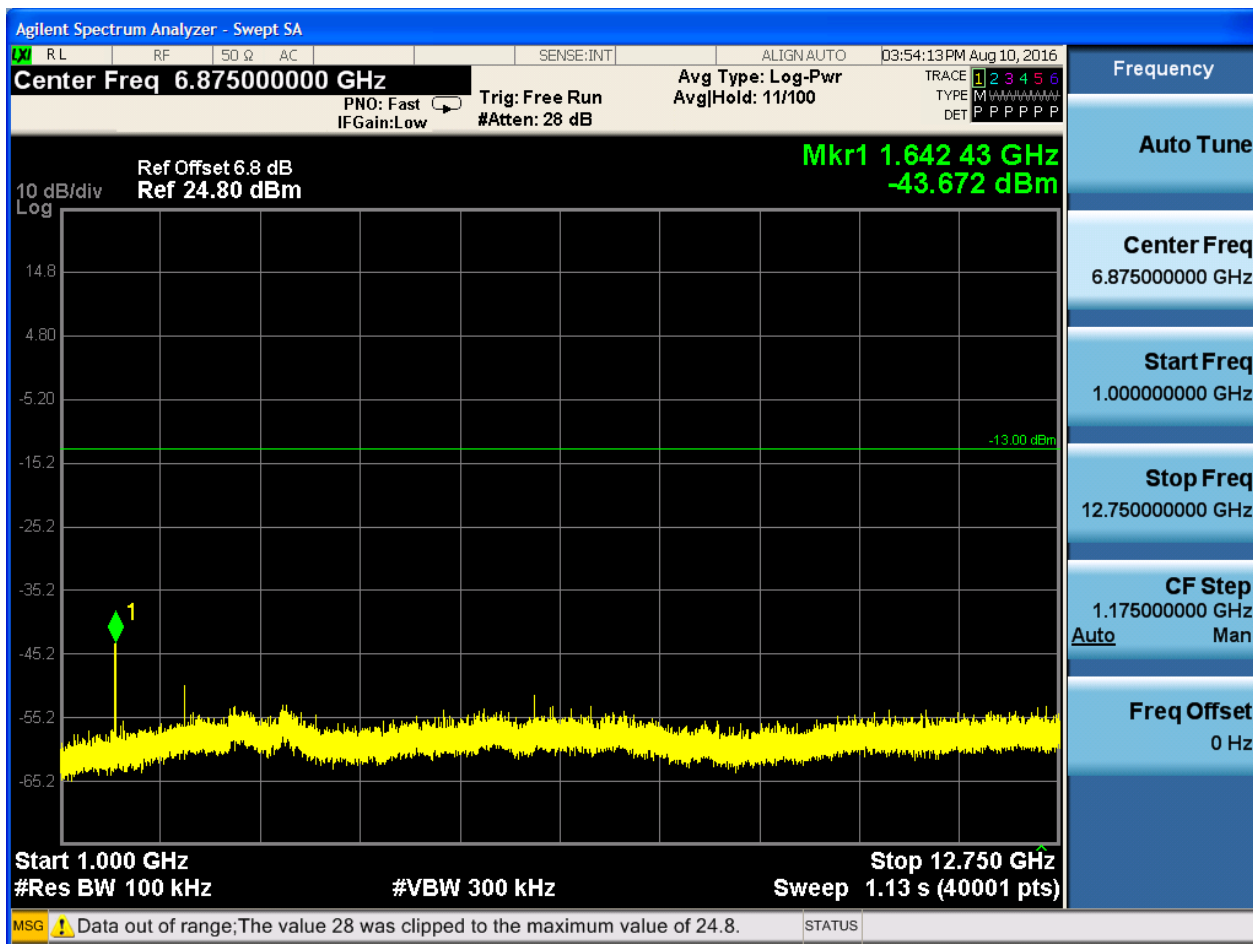
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







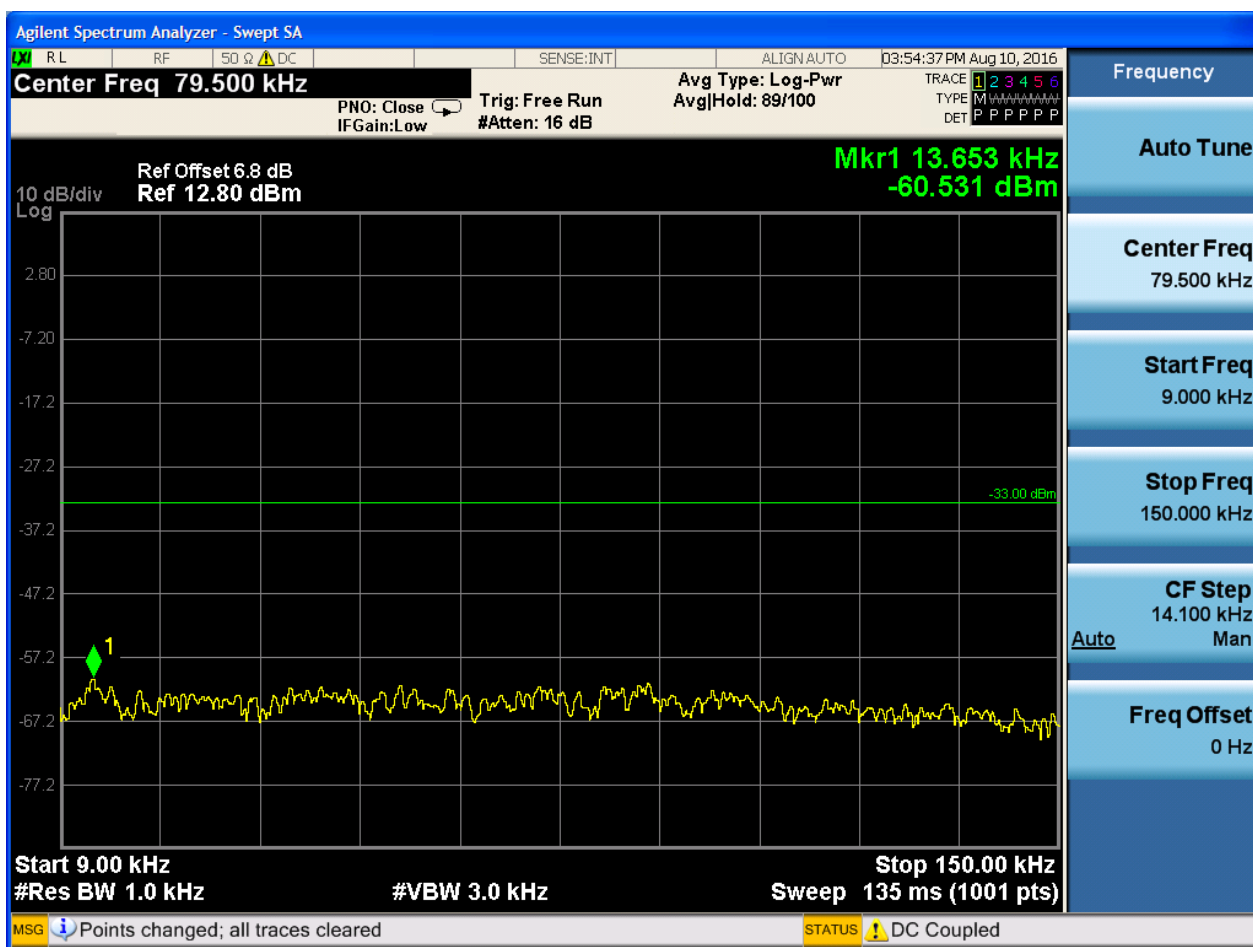


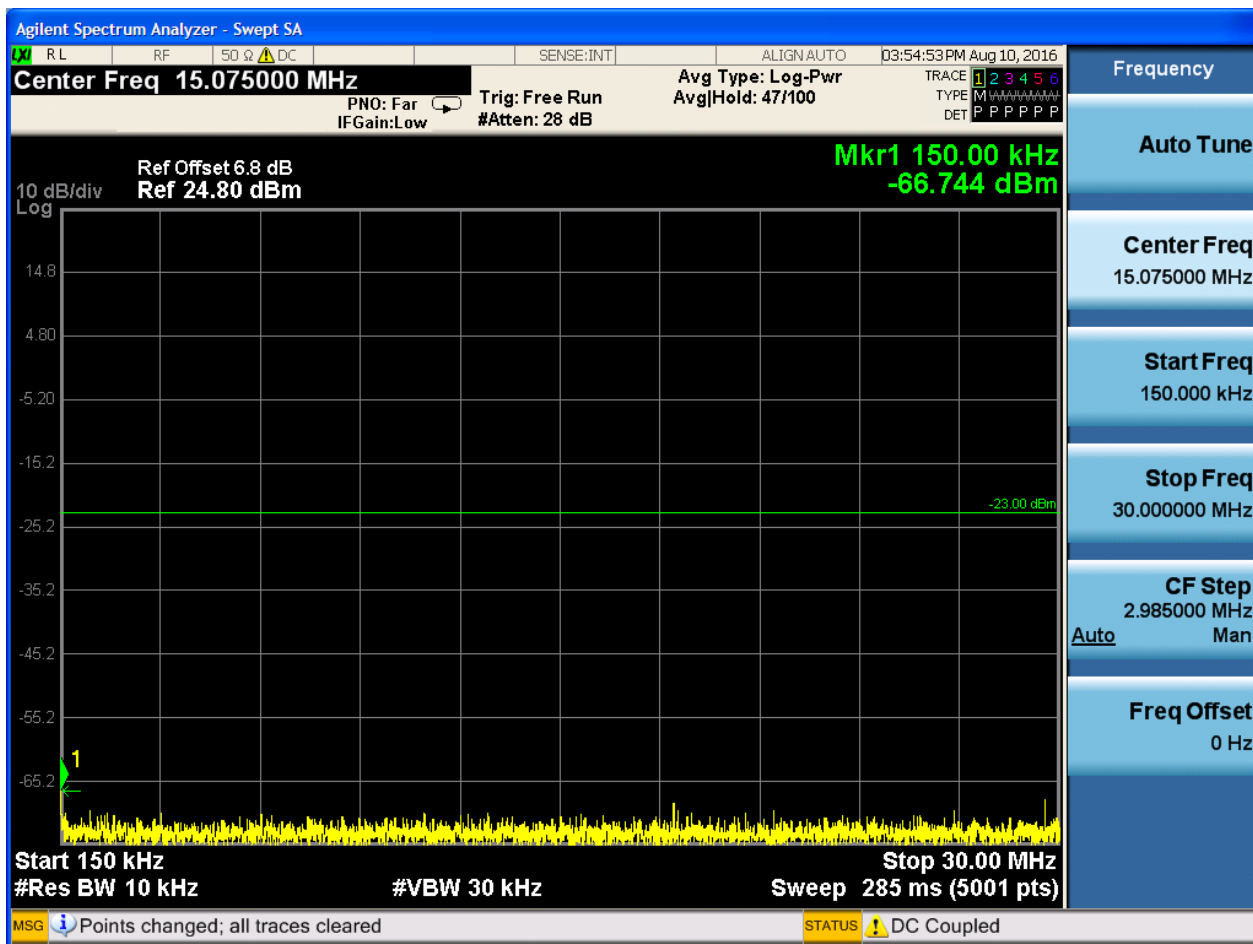


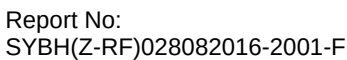
6.1.1.2.3 Test Bandwidth = 5

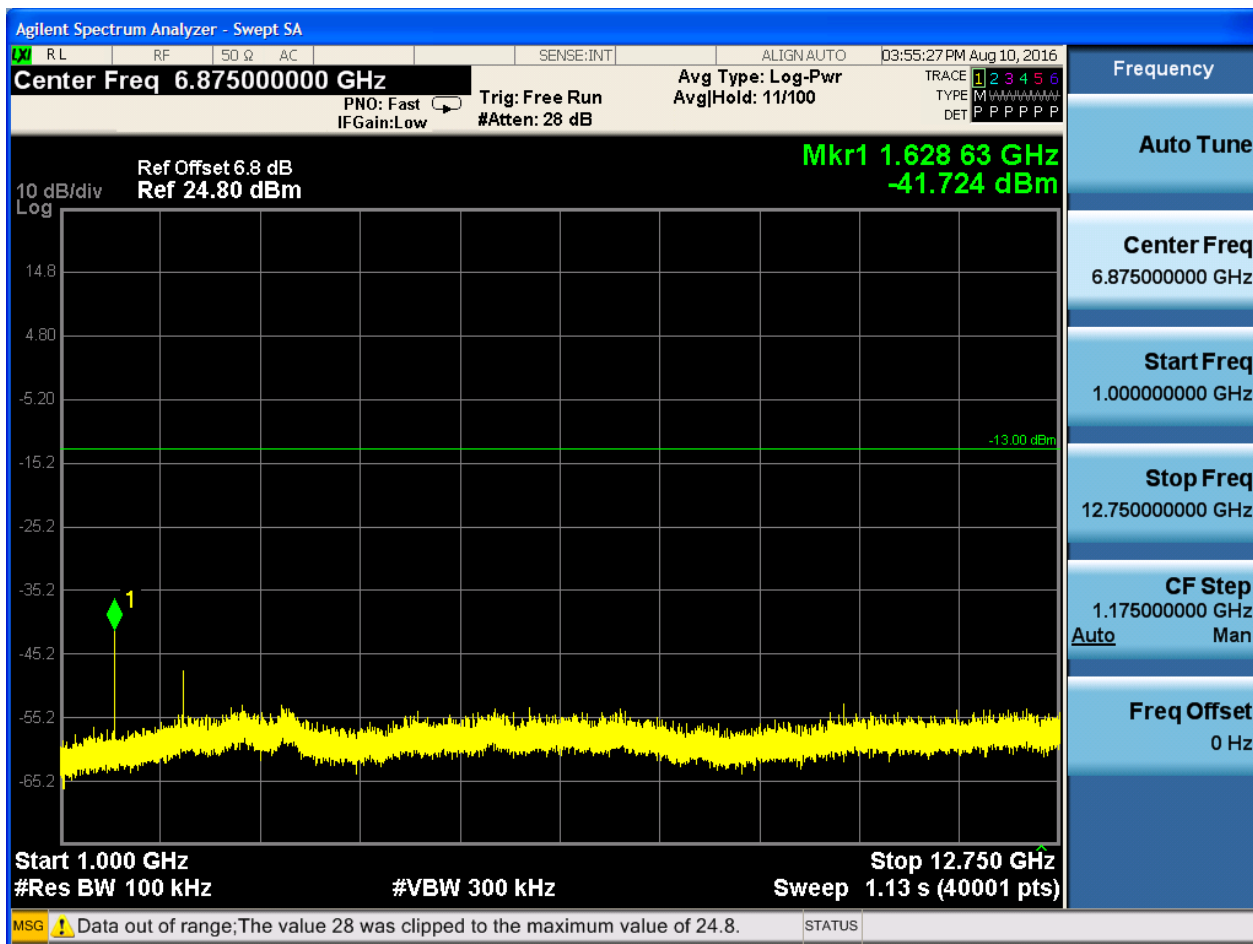
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0





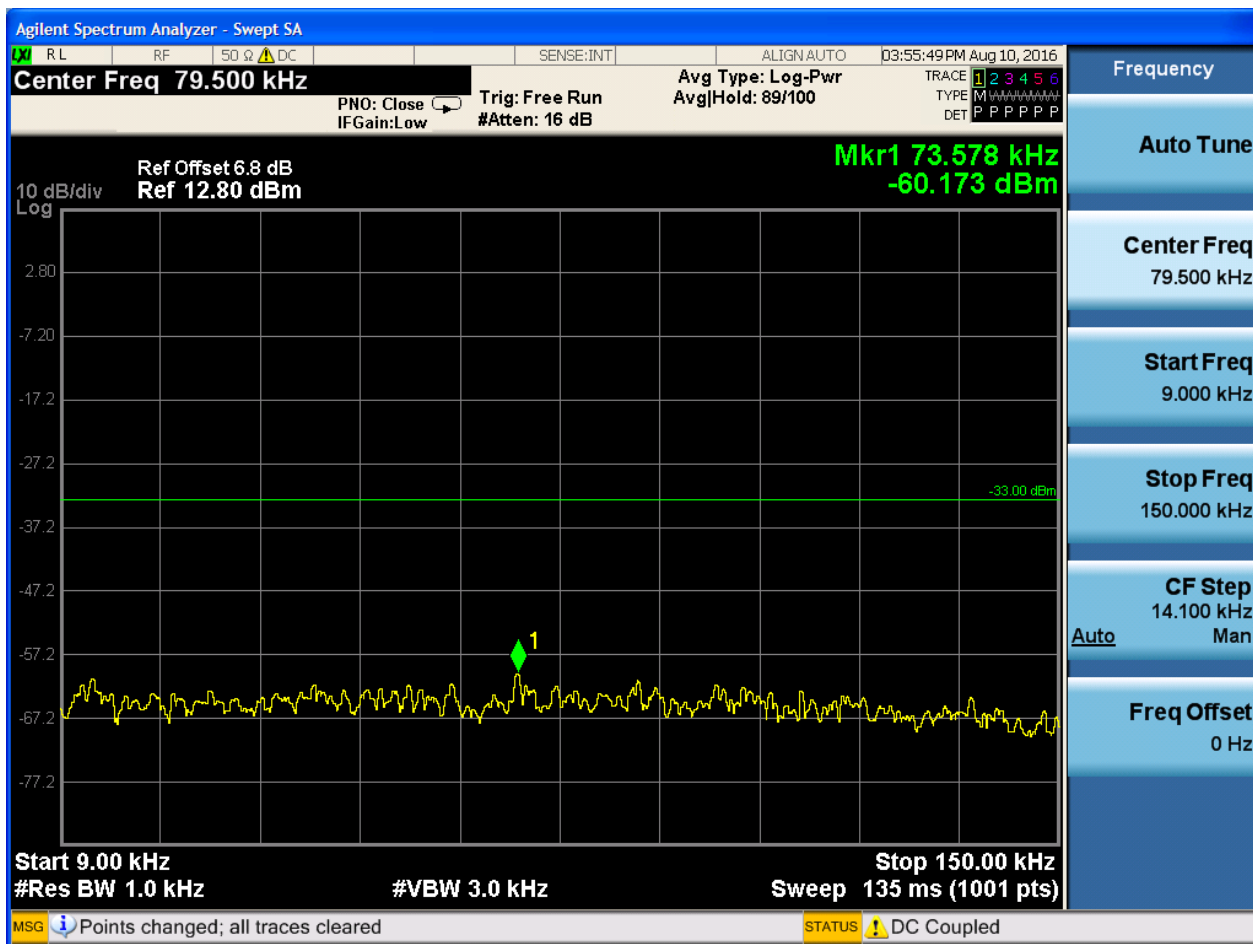


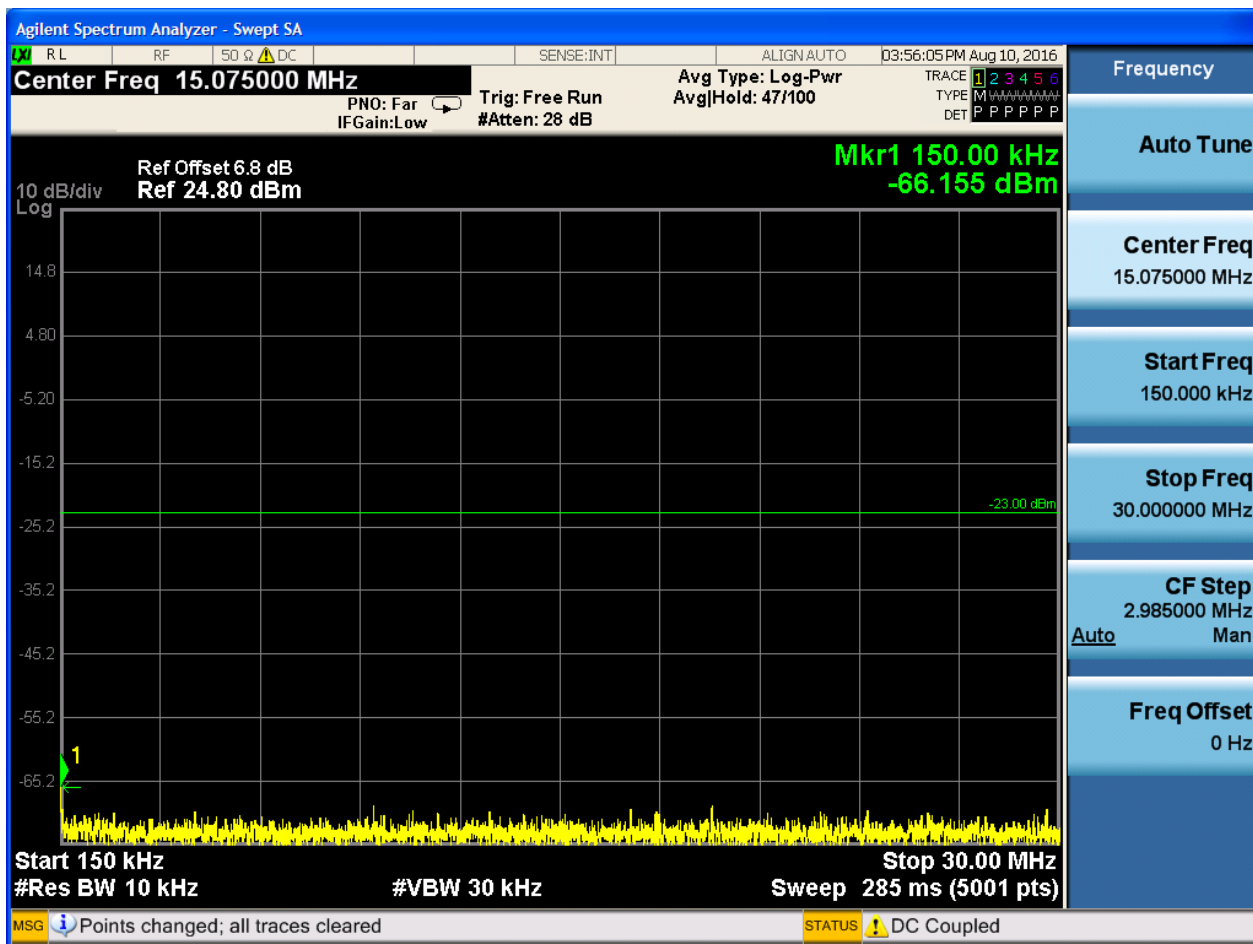


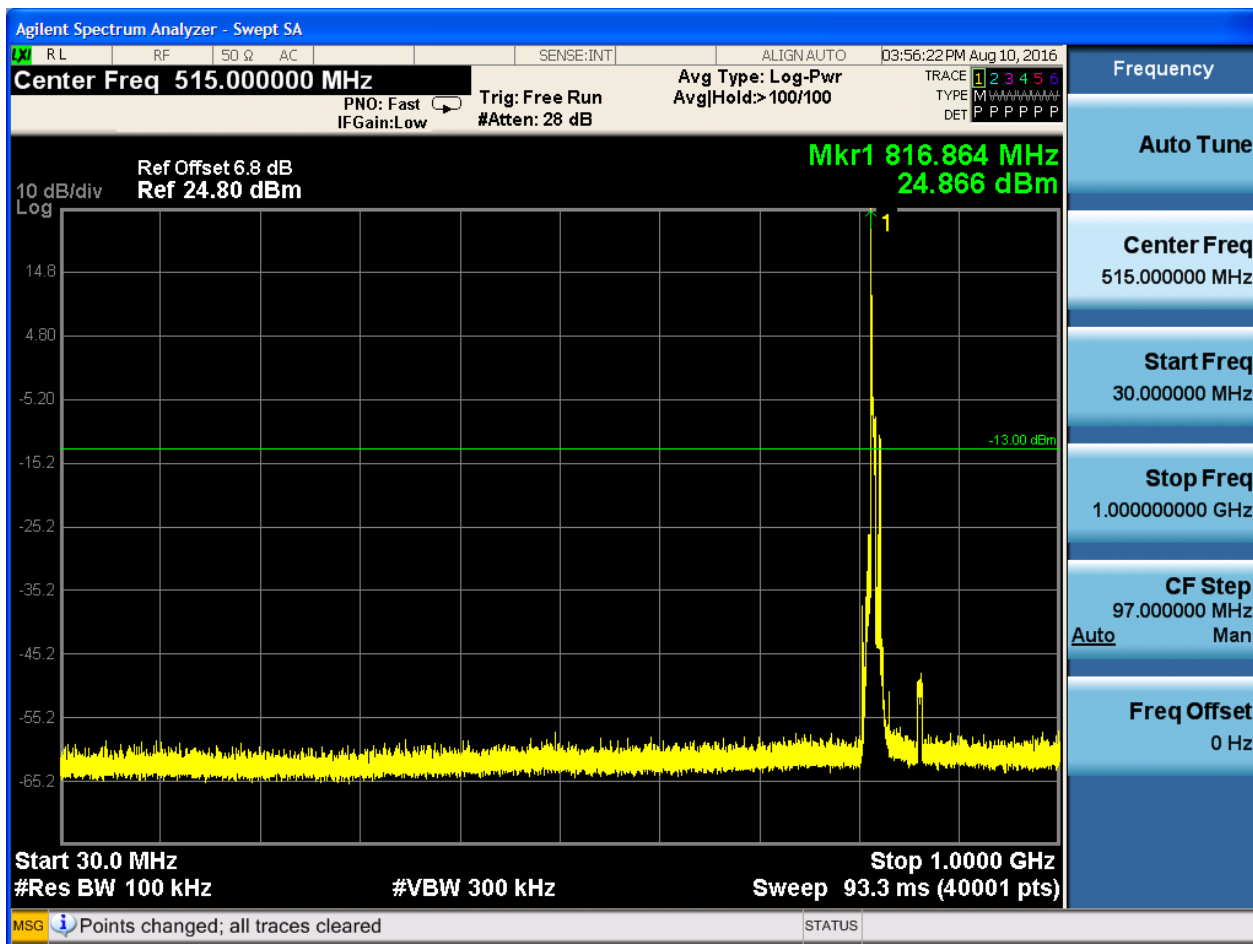


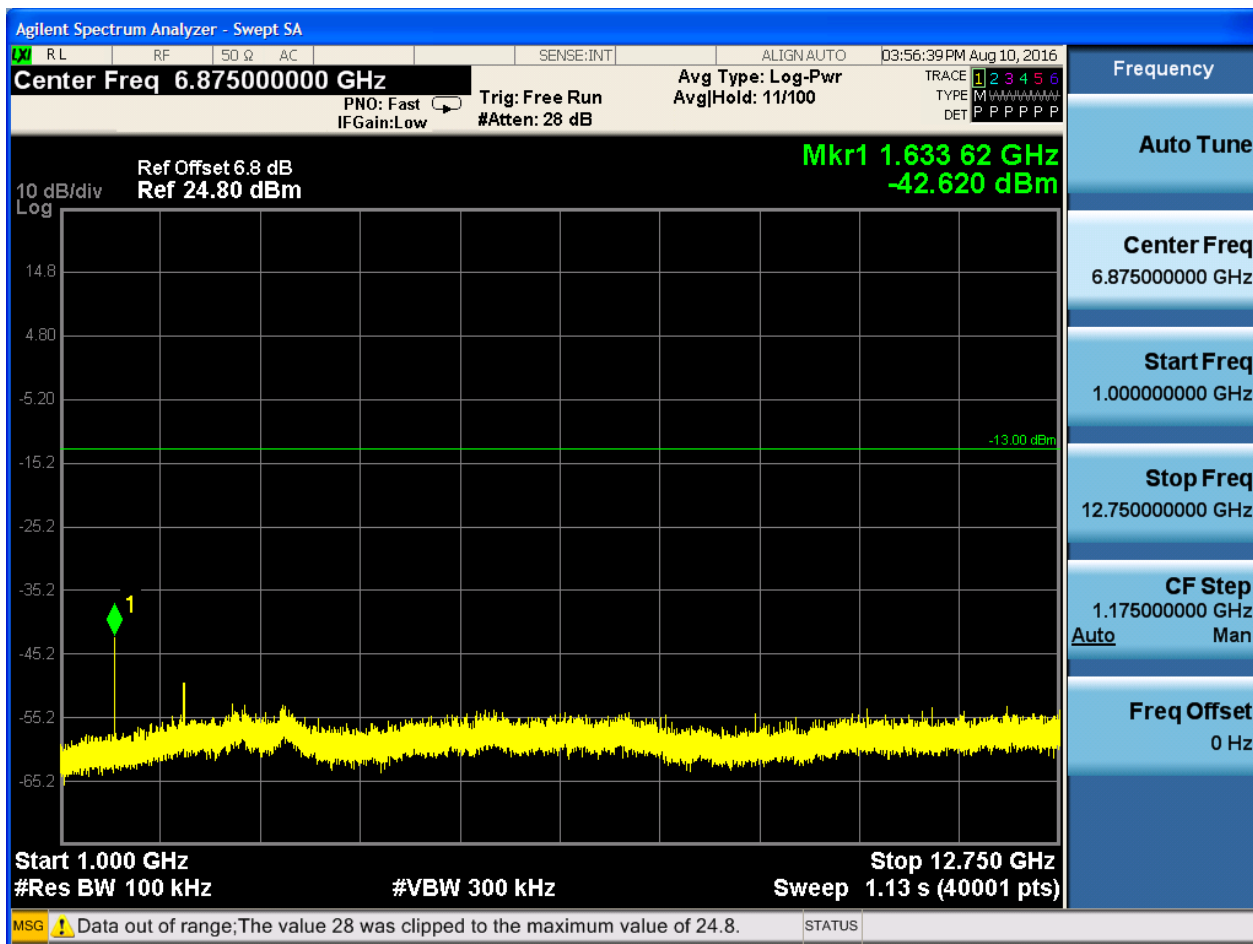
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



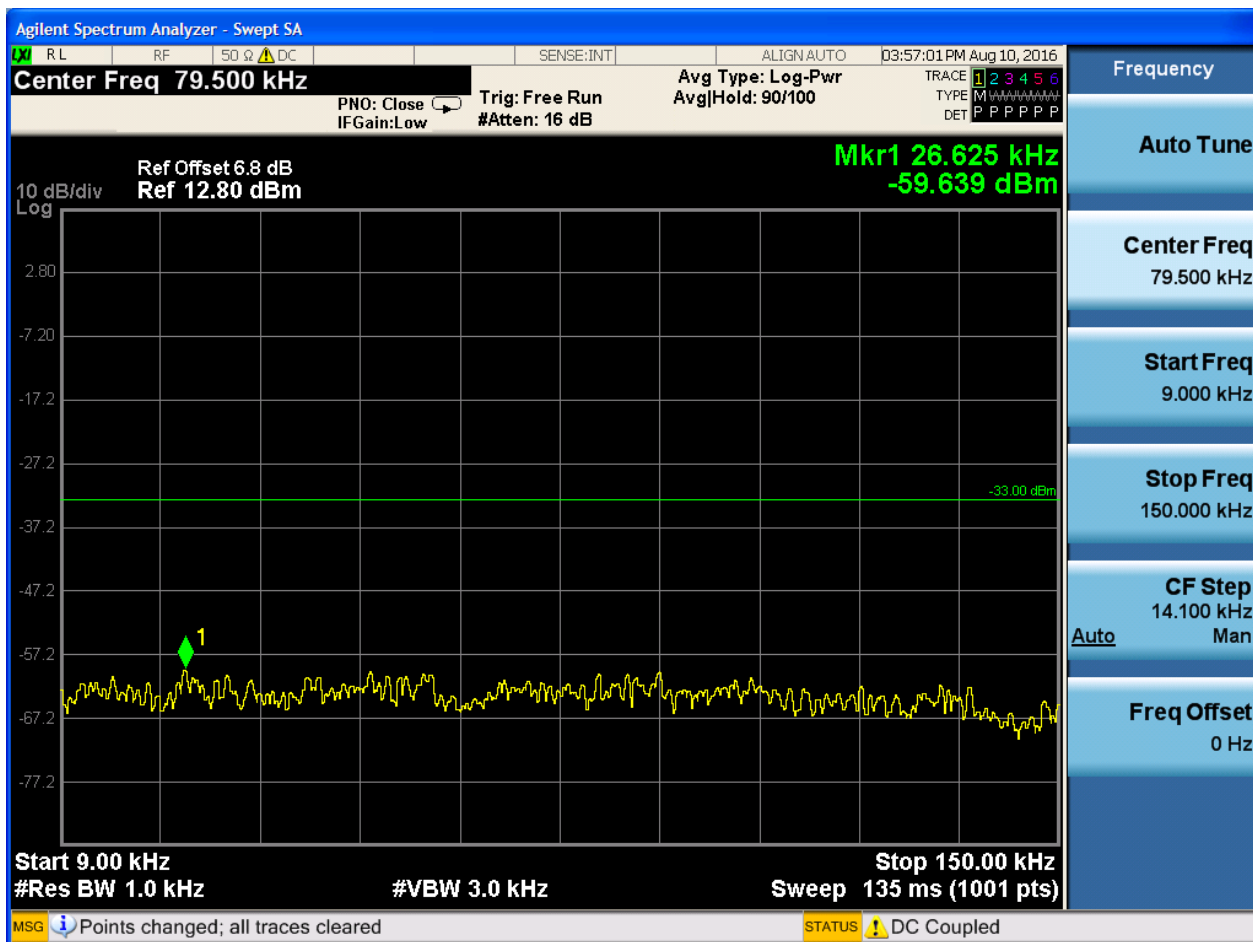


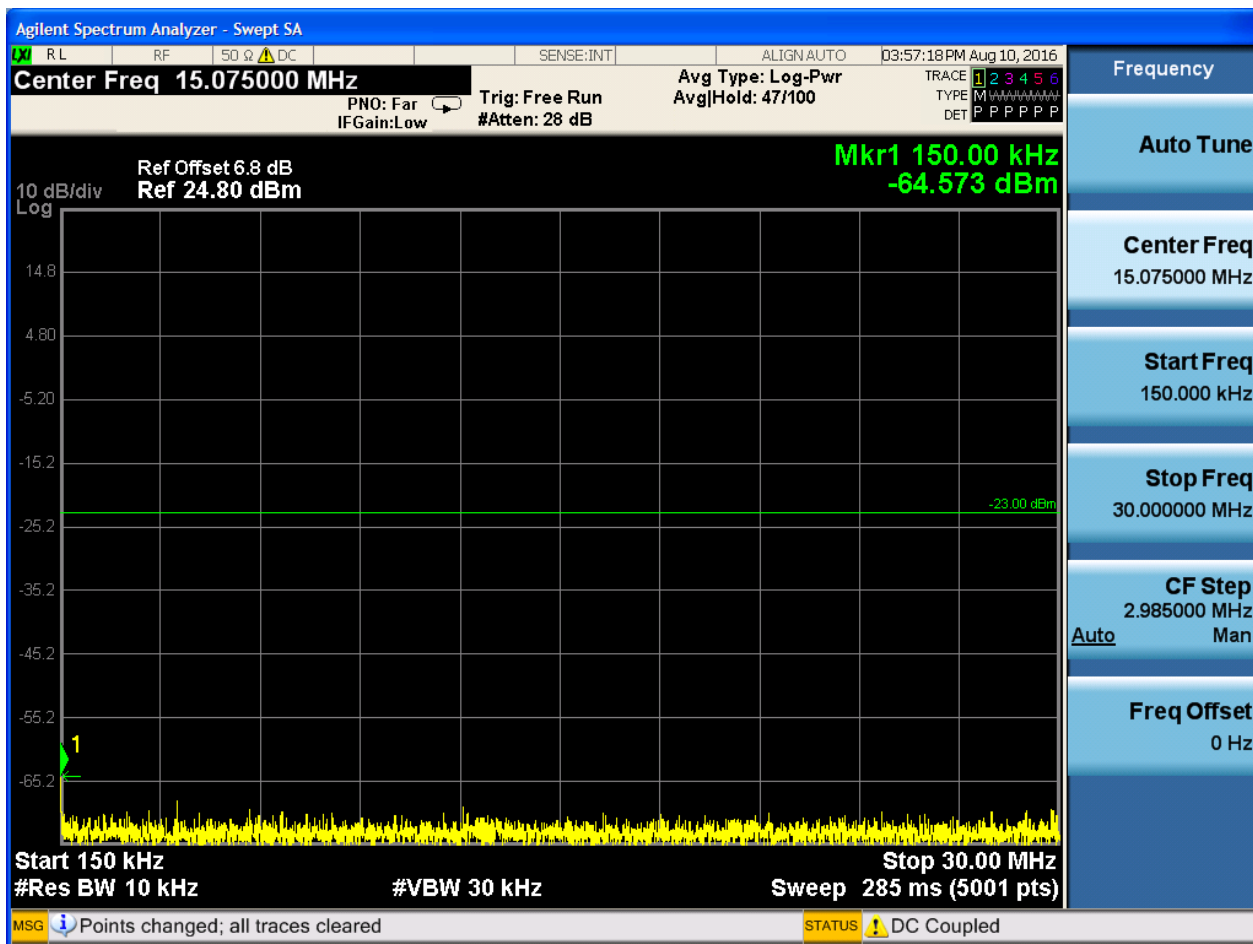


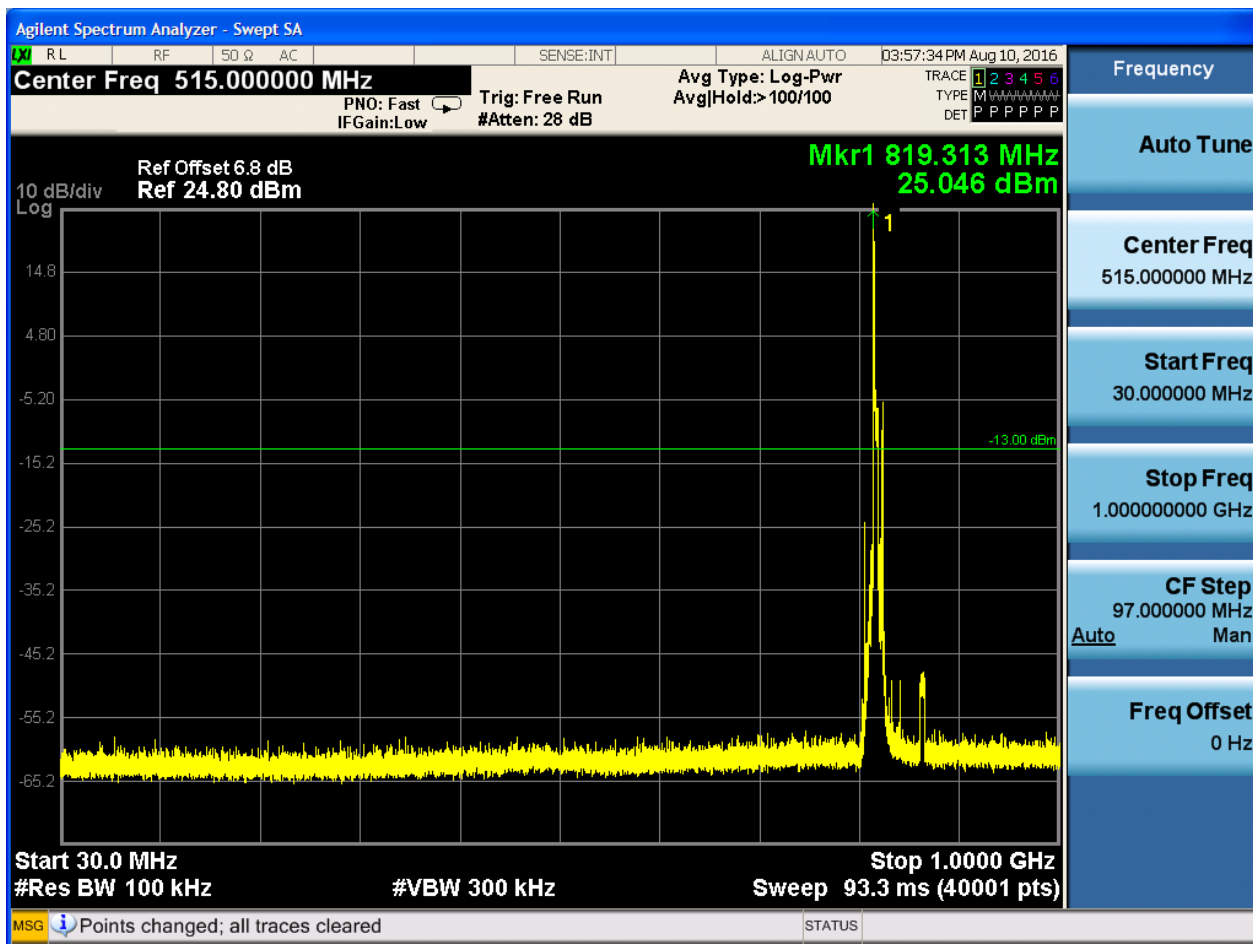


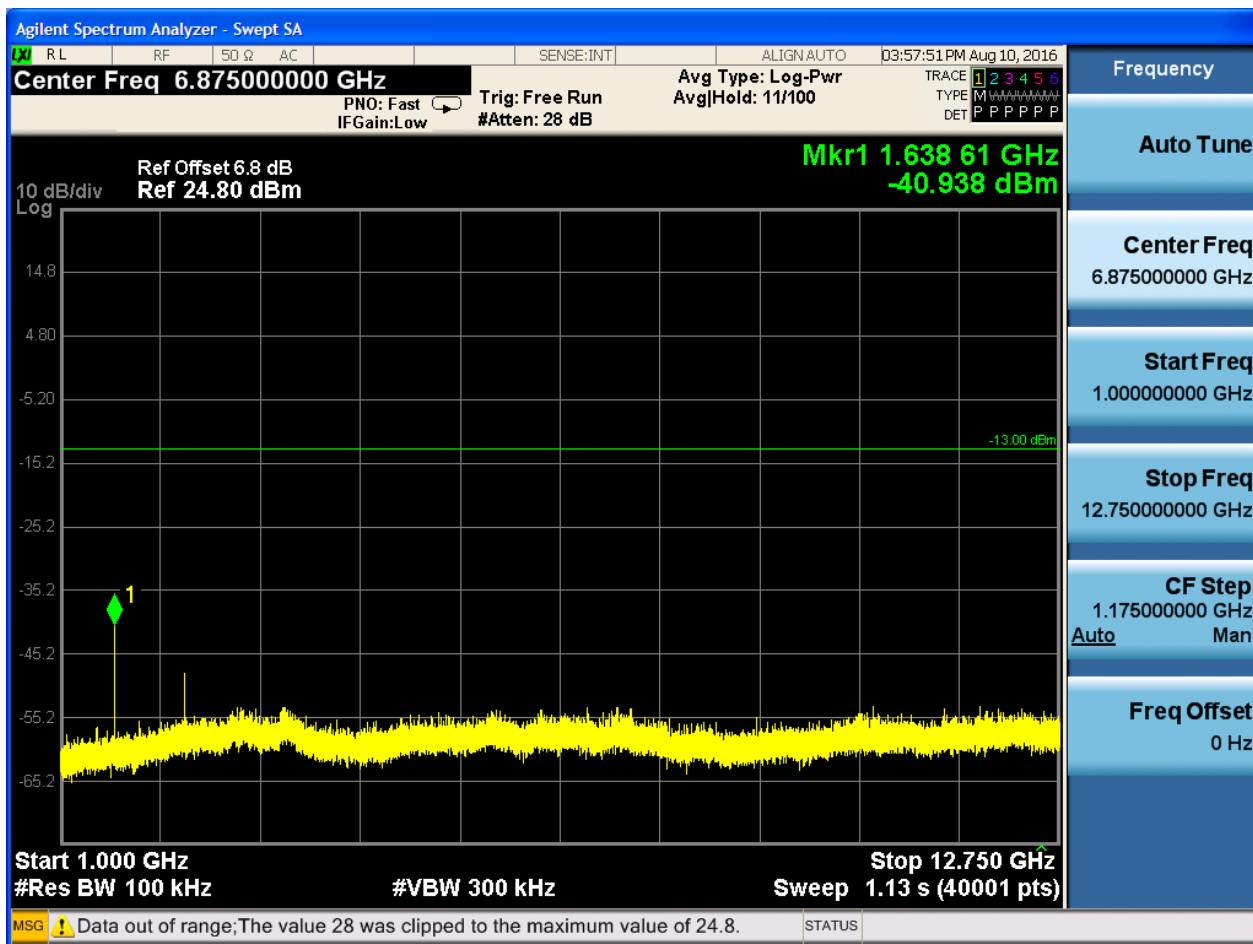
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







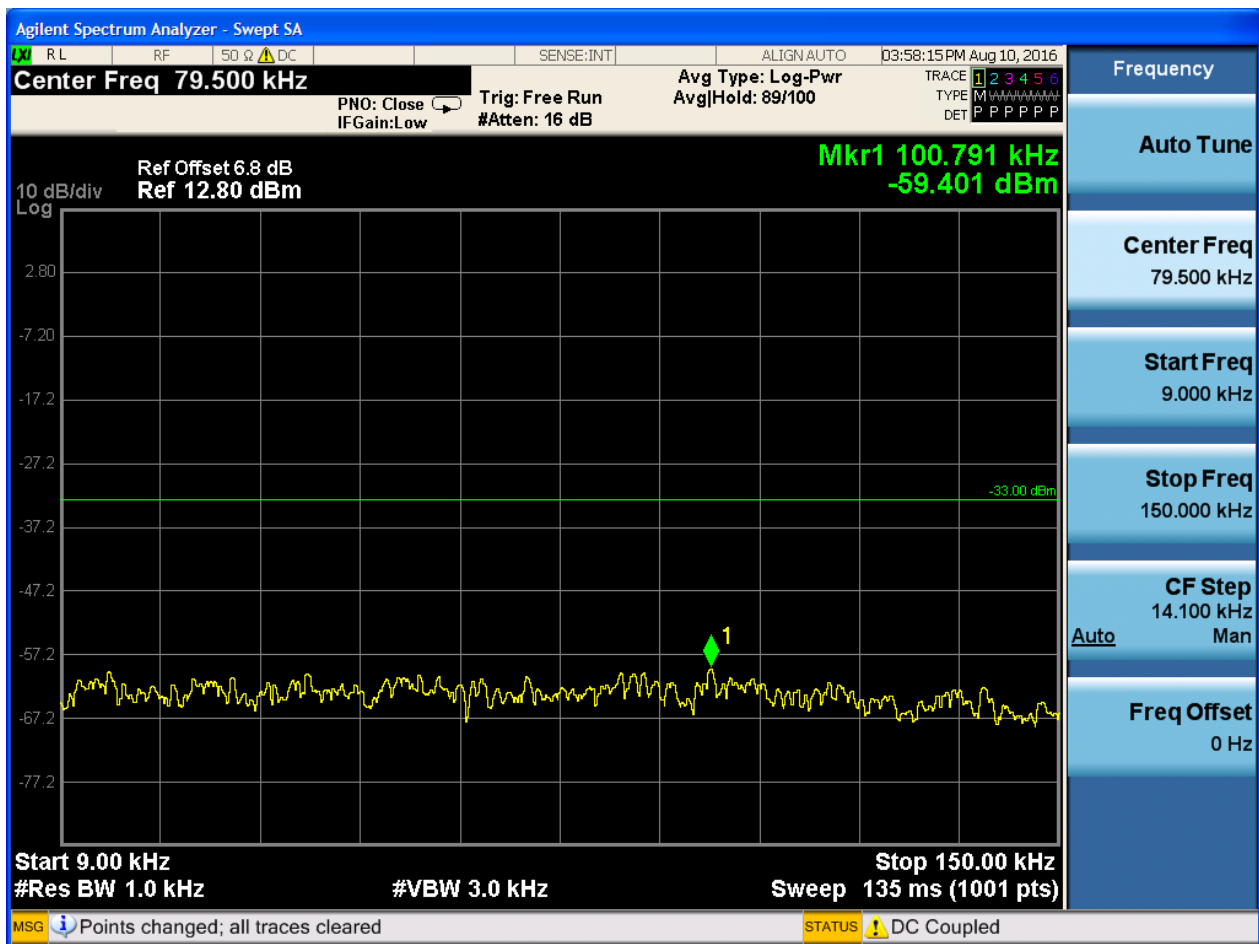




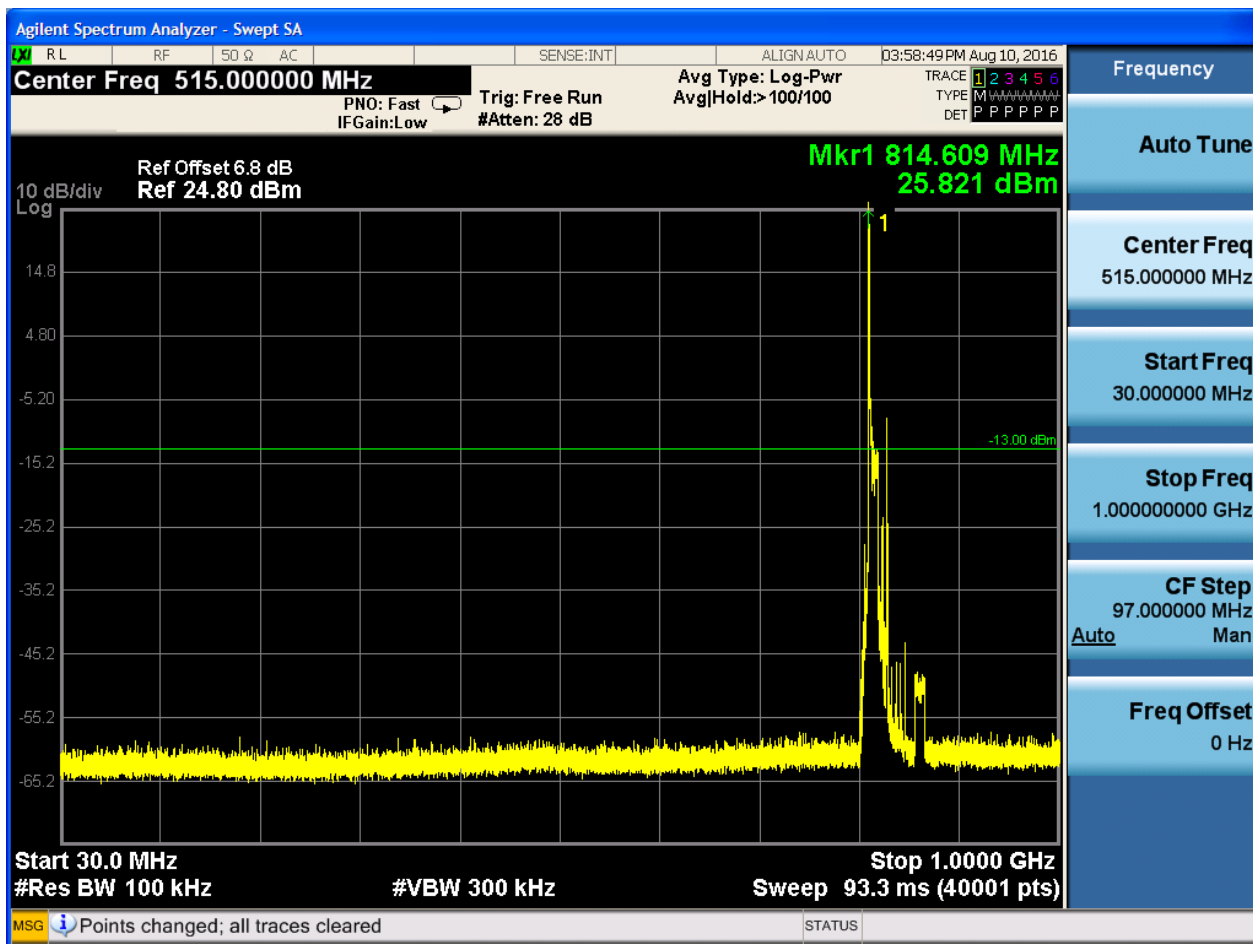
6.1.1.2.4 Test Bandwidth = 10

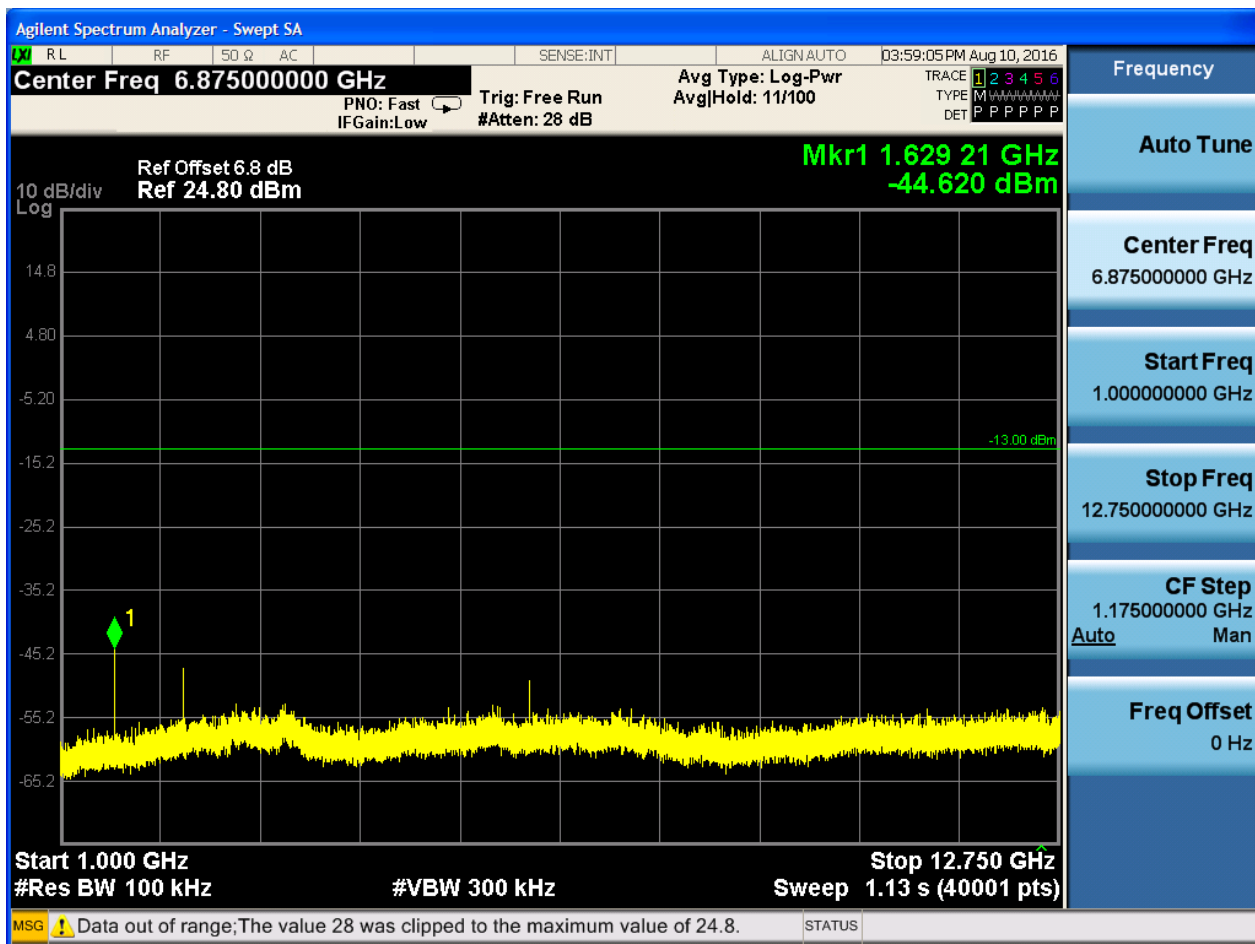
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0





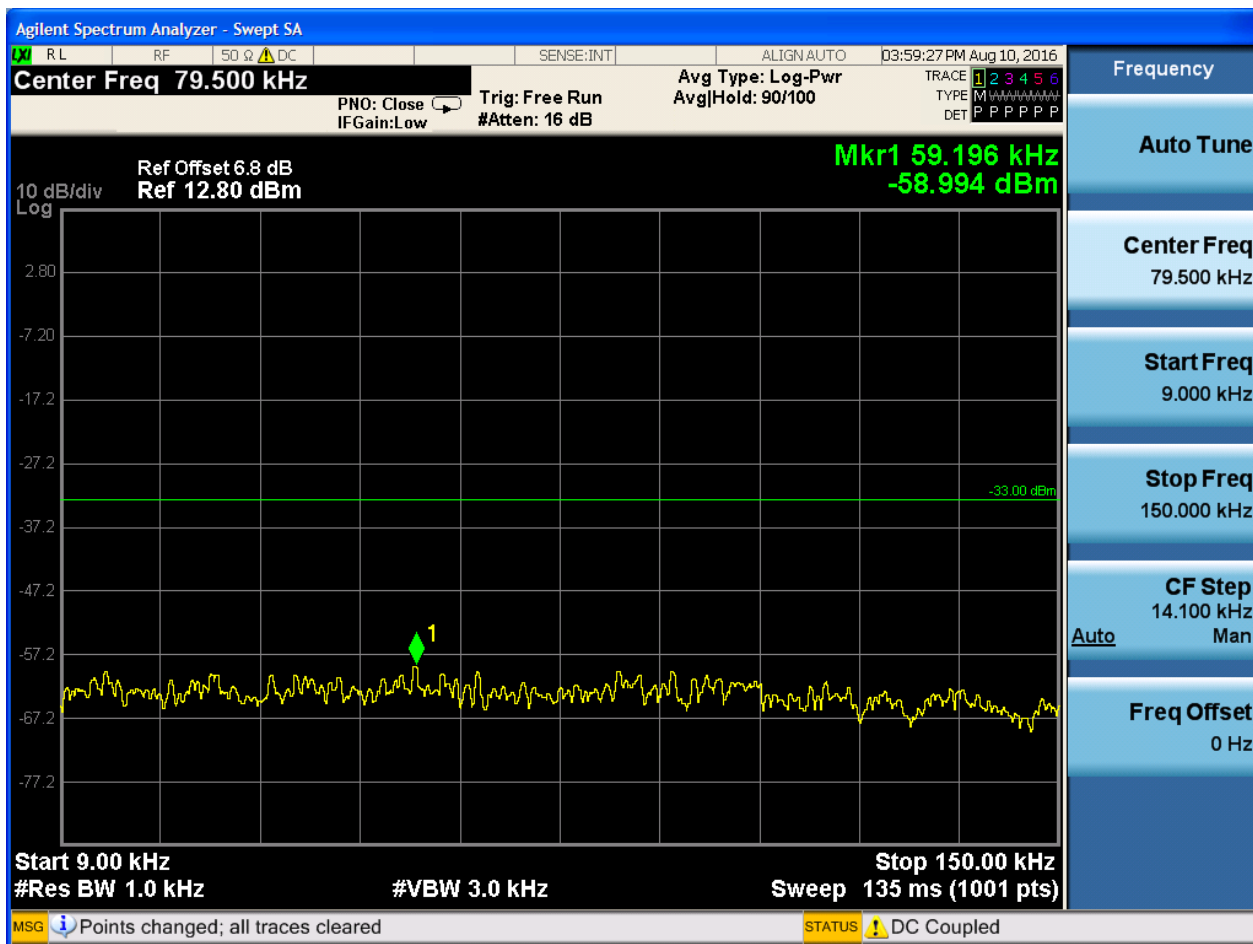


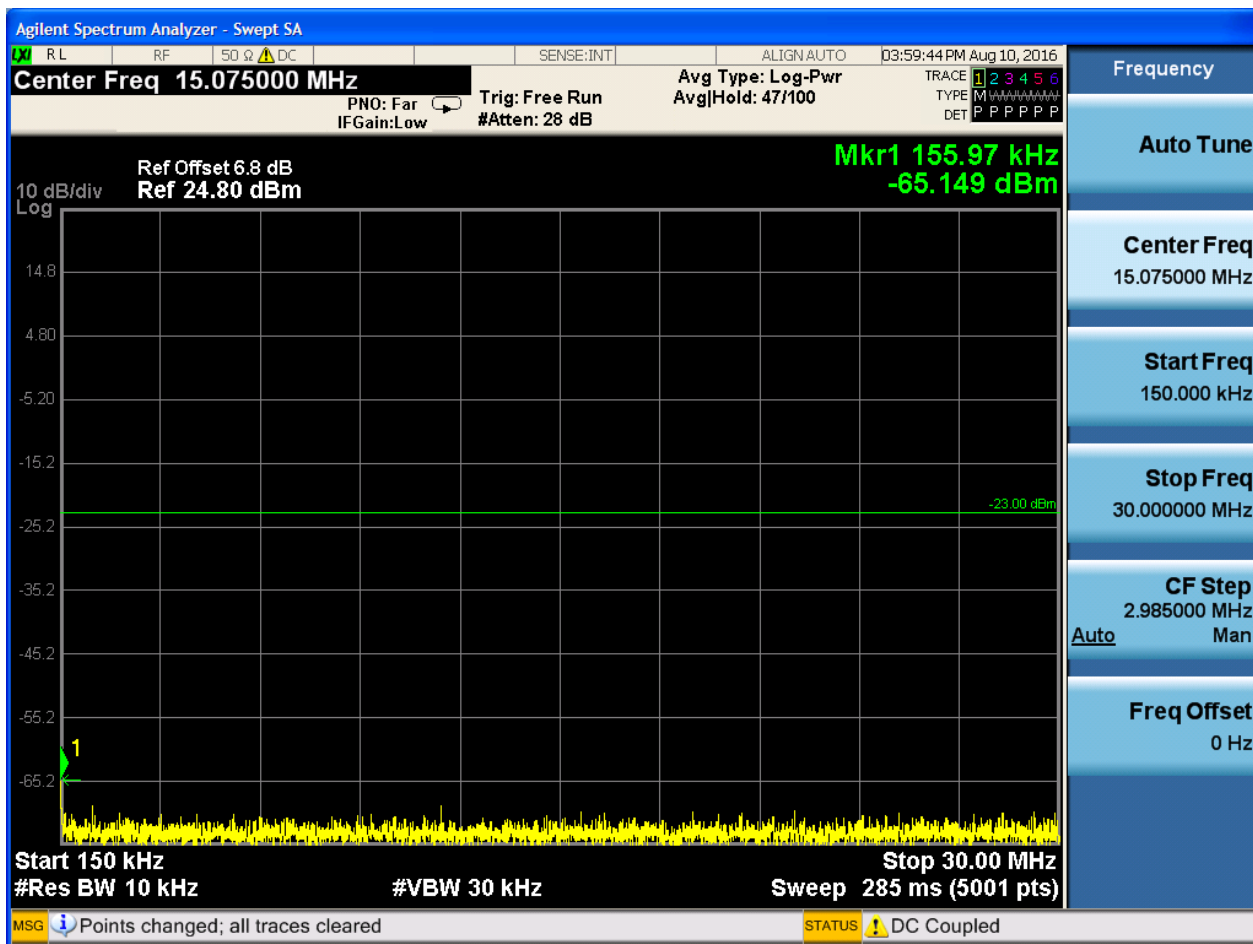


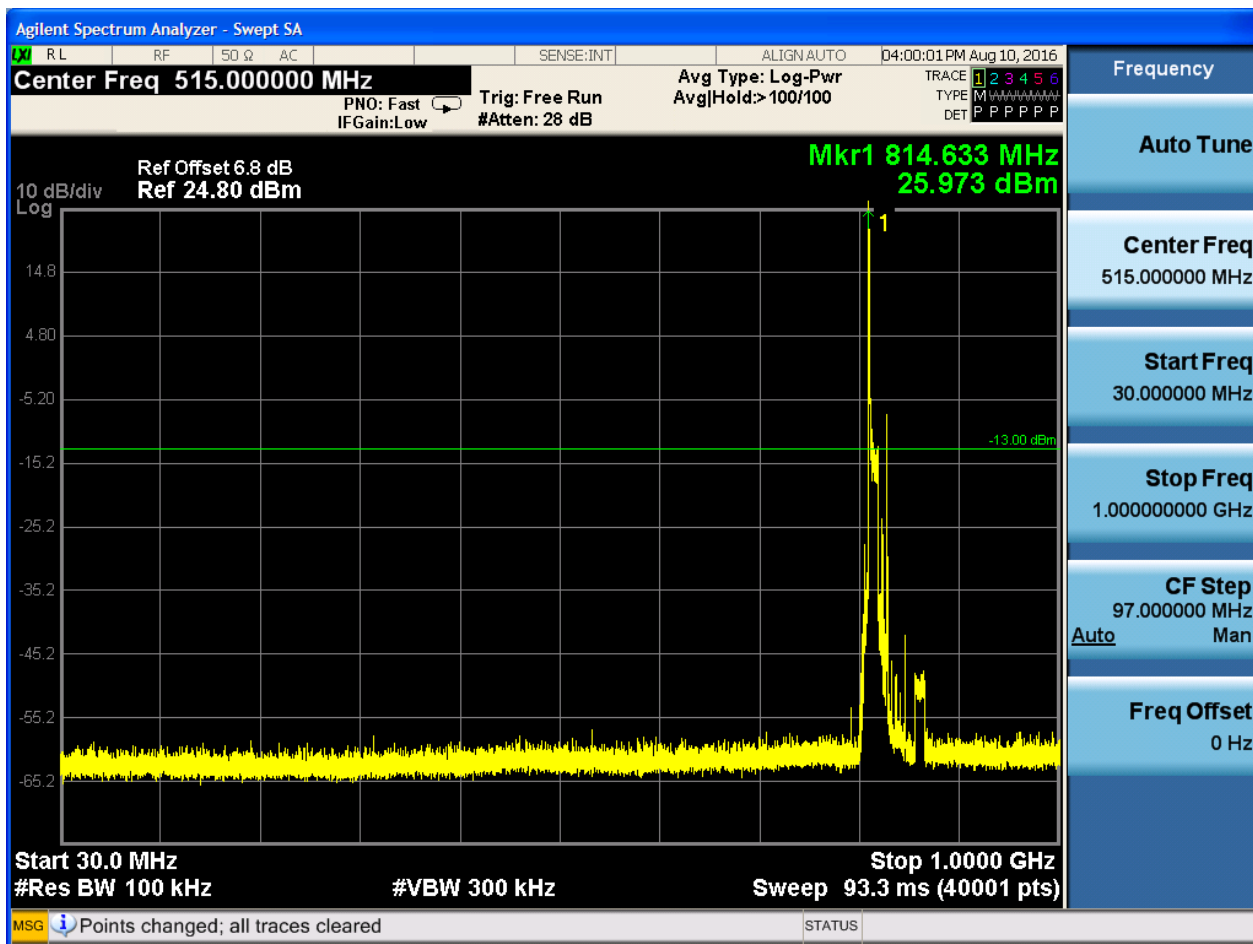


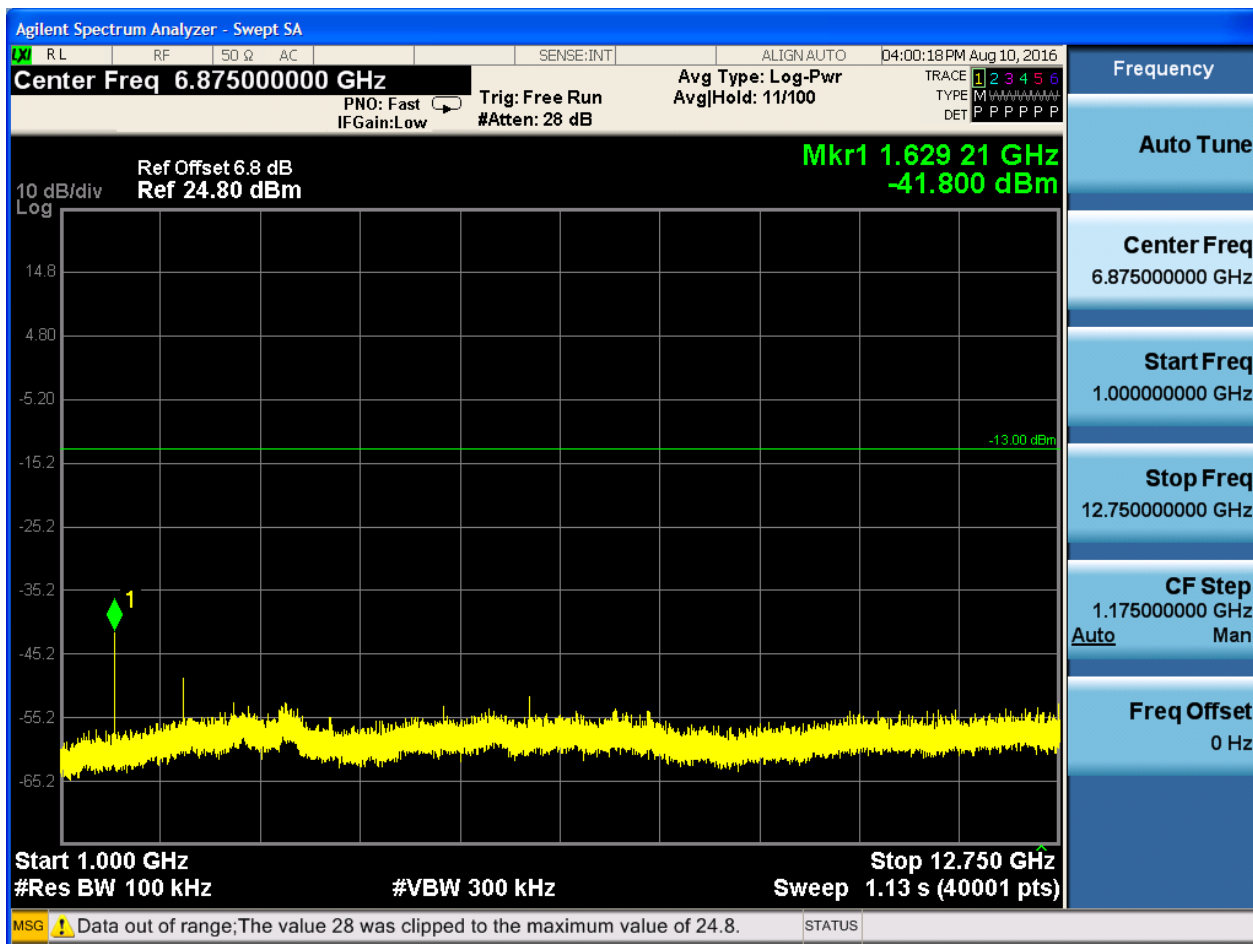
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



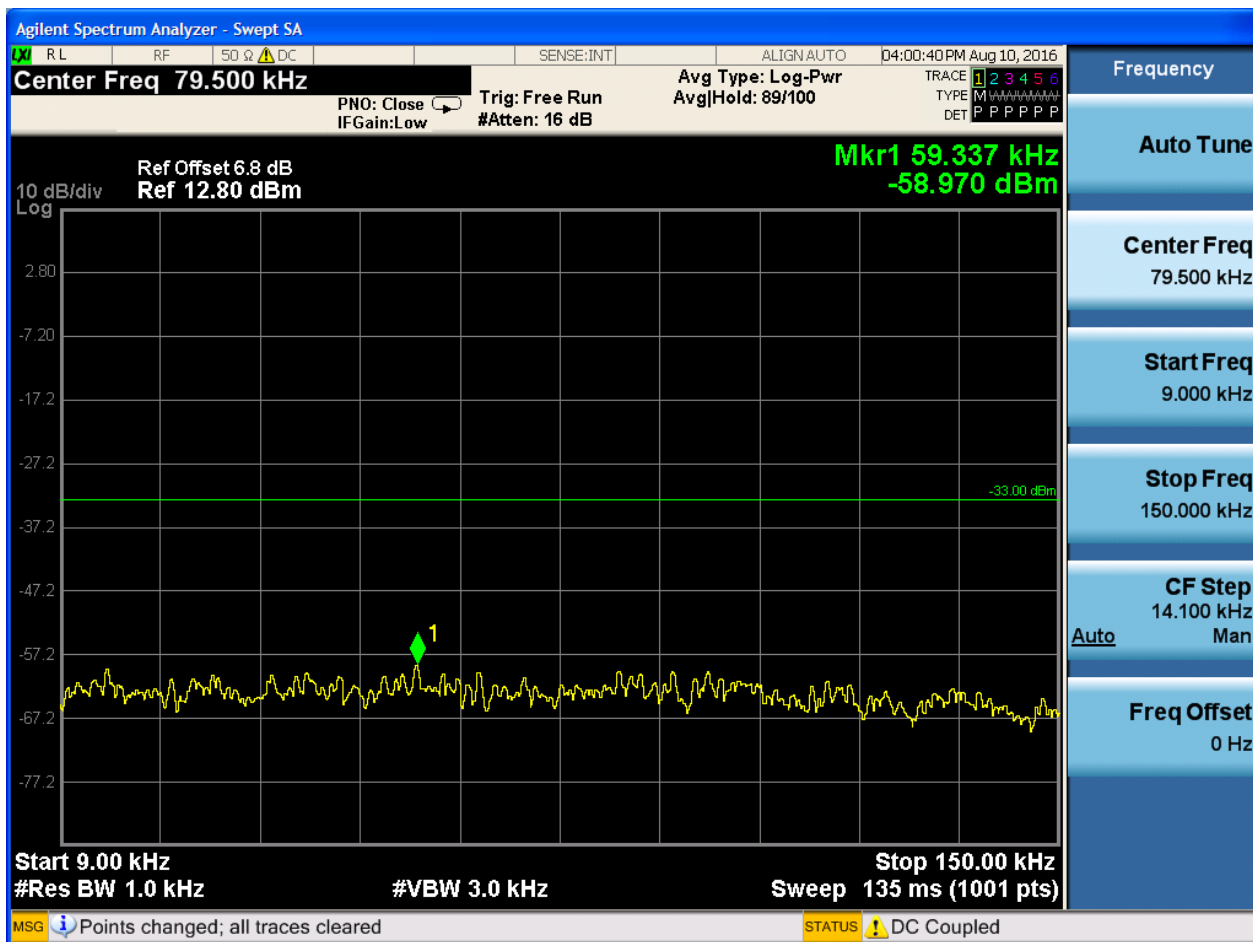




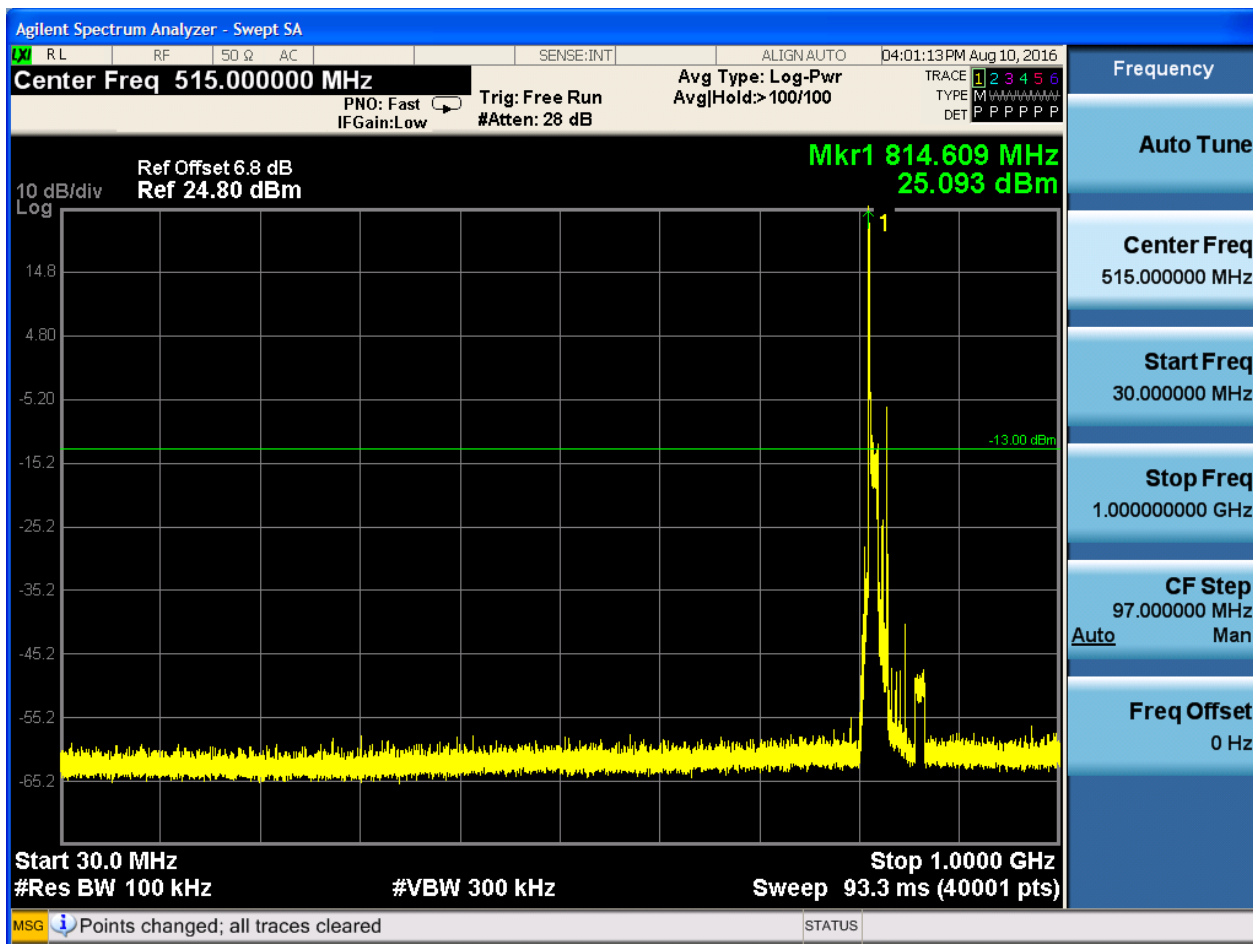


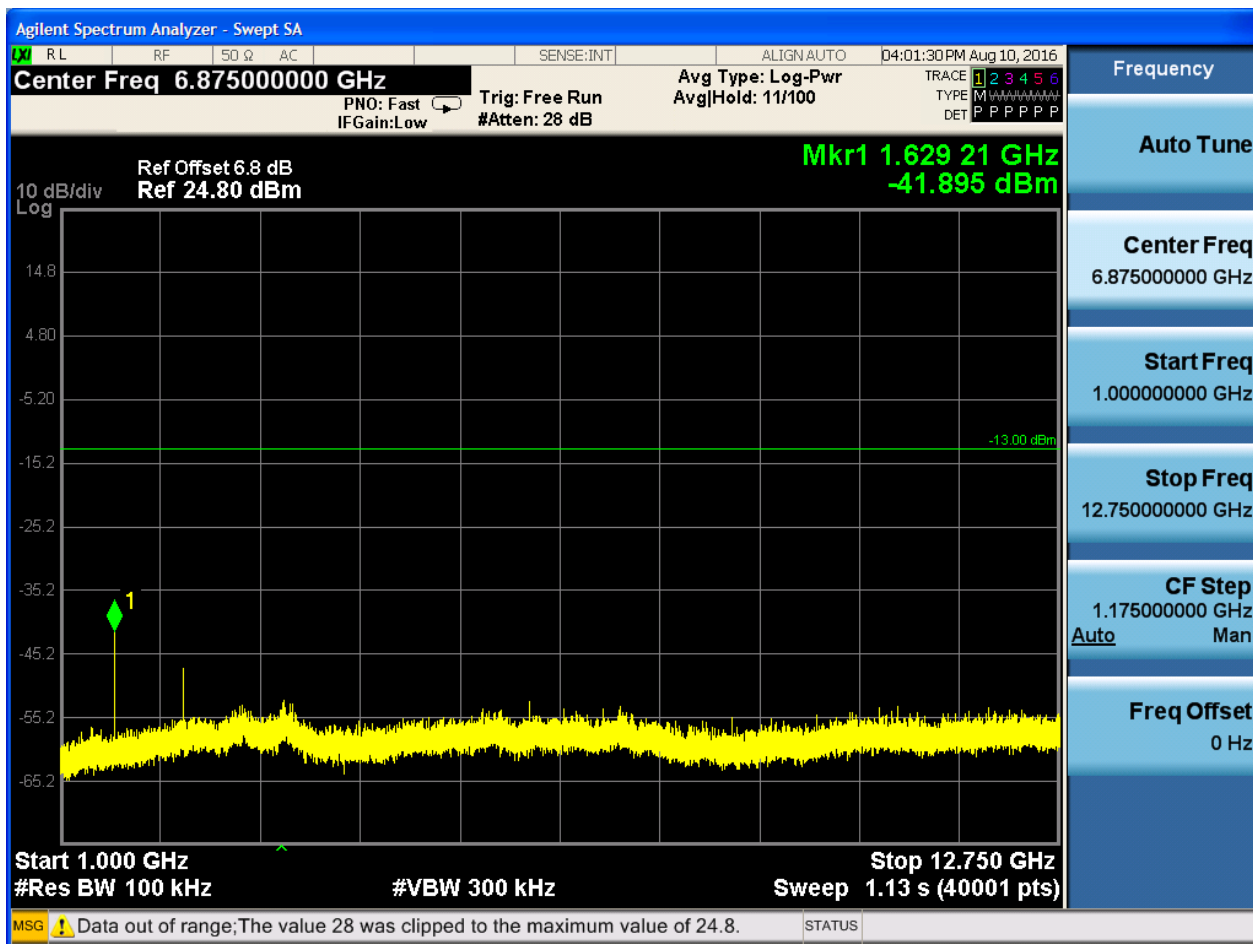
6.1.1.2.4.3 Test Channel = HCH

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

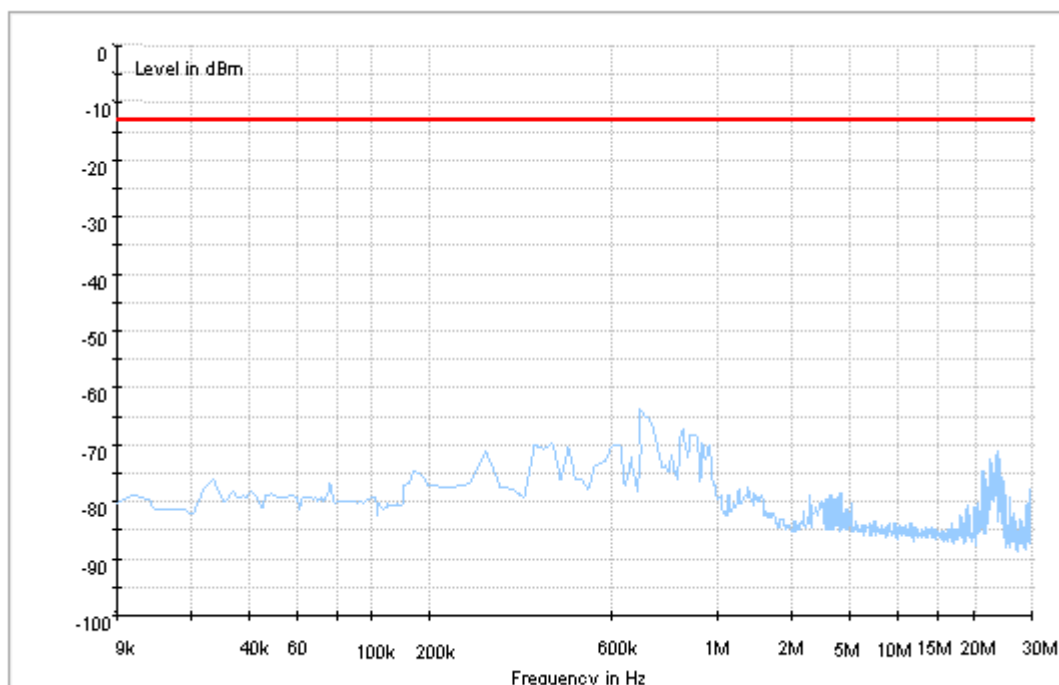
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

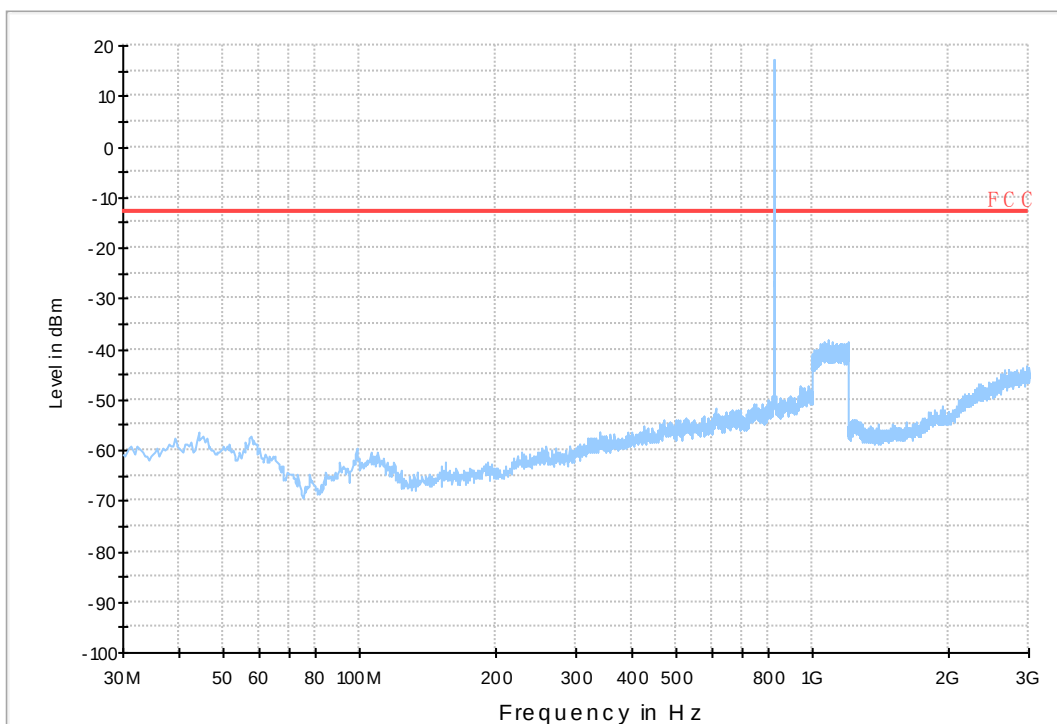
7.1 For LTE

7.1.1 Test Band = BAND26_ANT1

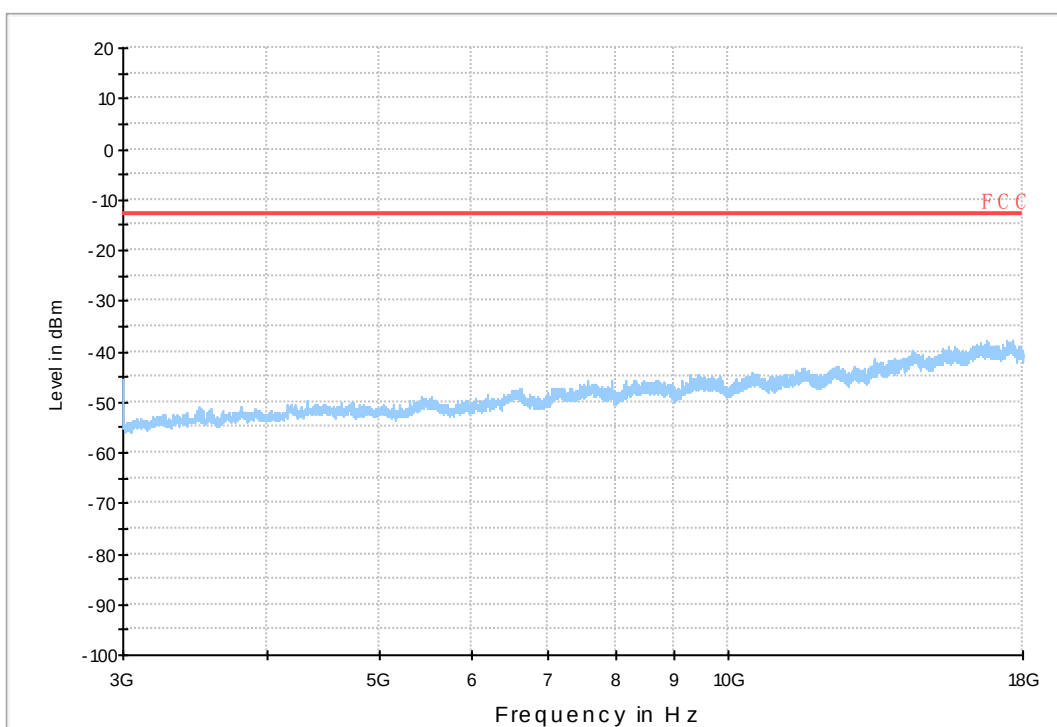
7.1.1.1 Test Bandwidth = 1.4



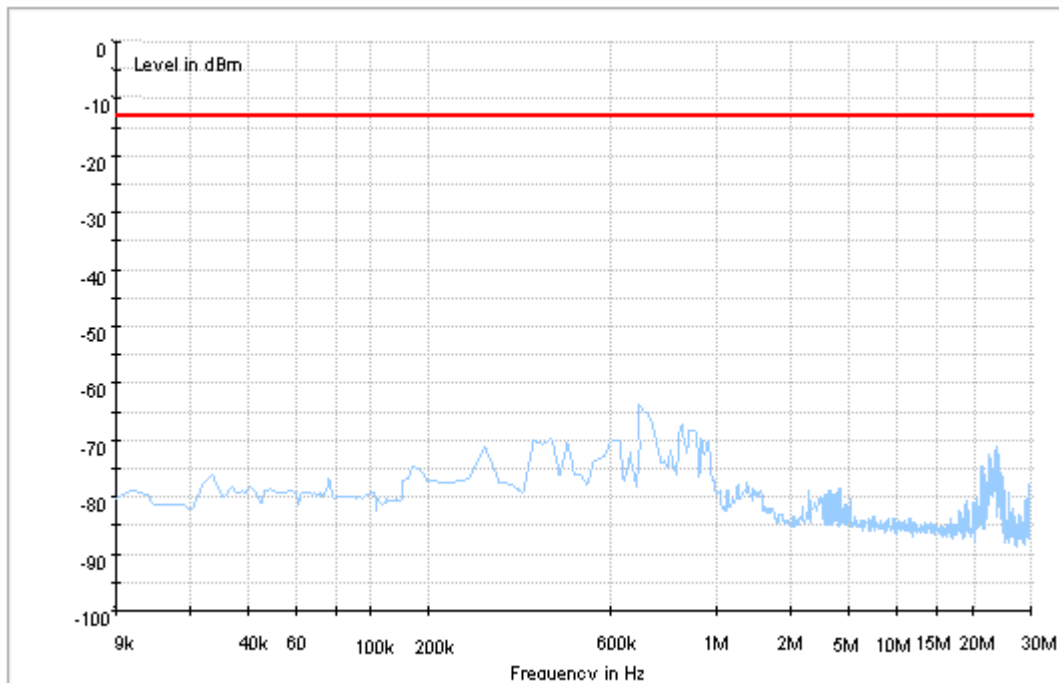
Copy of RSE-TX-DIRECTOR BELOW 1G_L



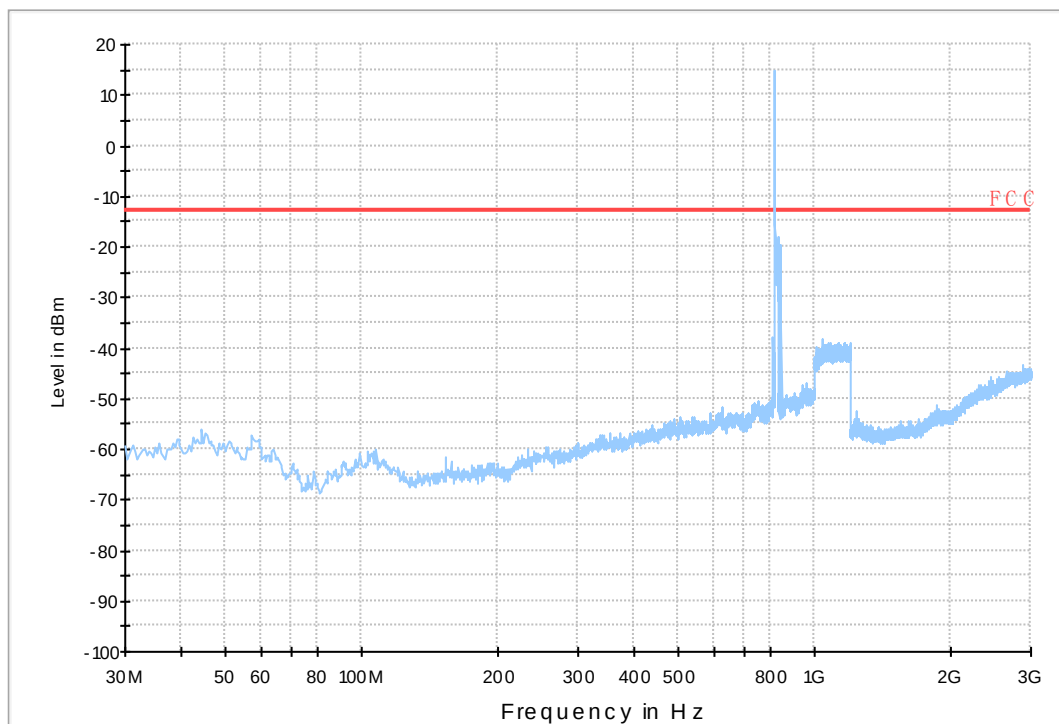
Copy of RSE-TX-DIRECTOR BELOW 1G_H



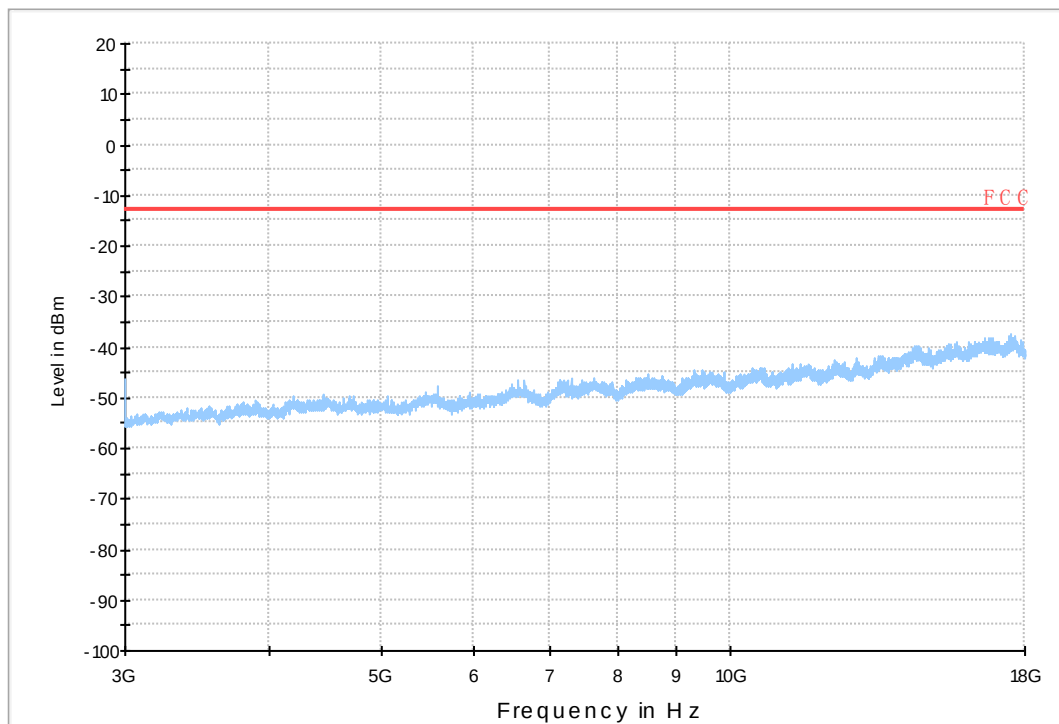
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

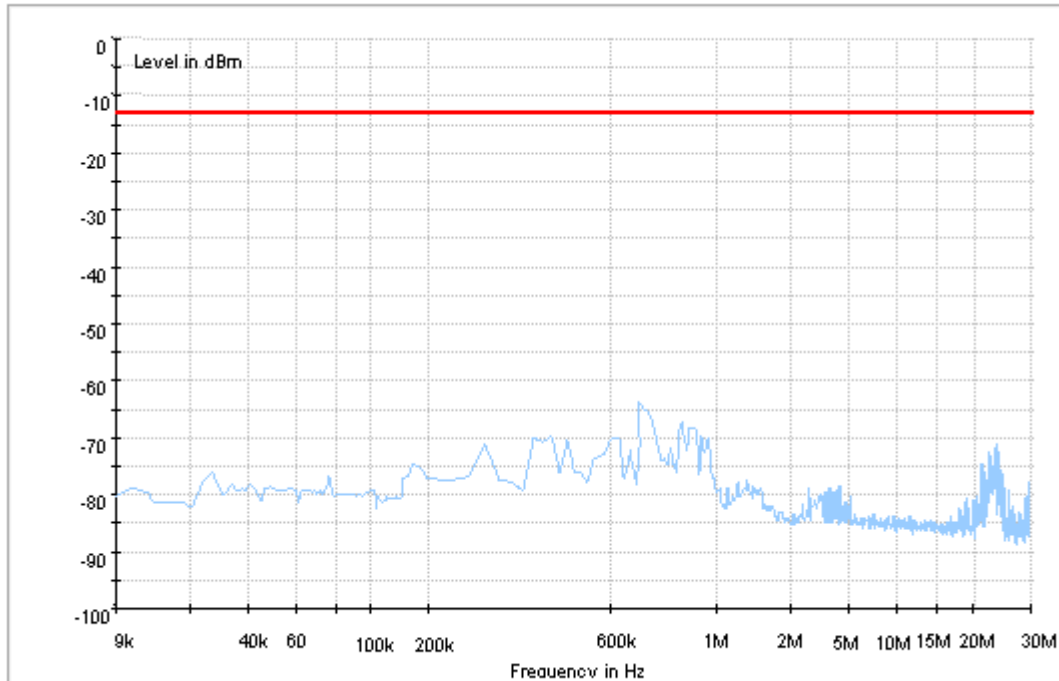


Copy of RSE-TX-DIRECTOR BELOW 1G_H

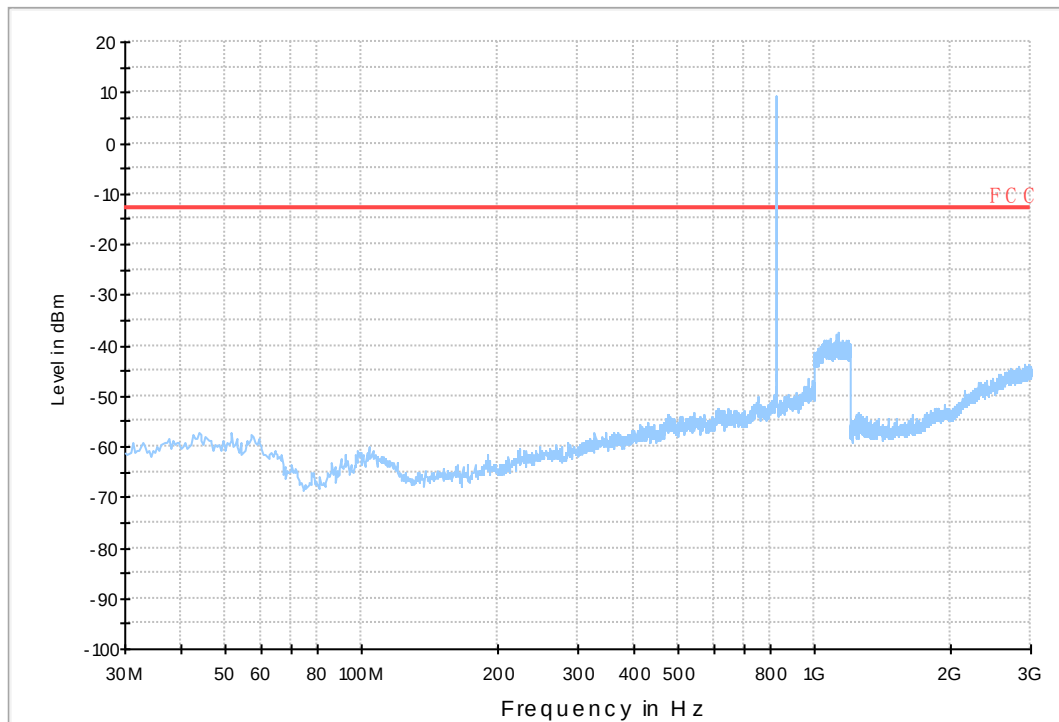


7.1.2 Test Band = BAND26_ANT2

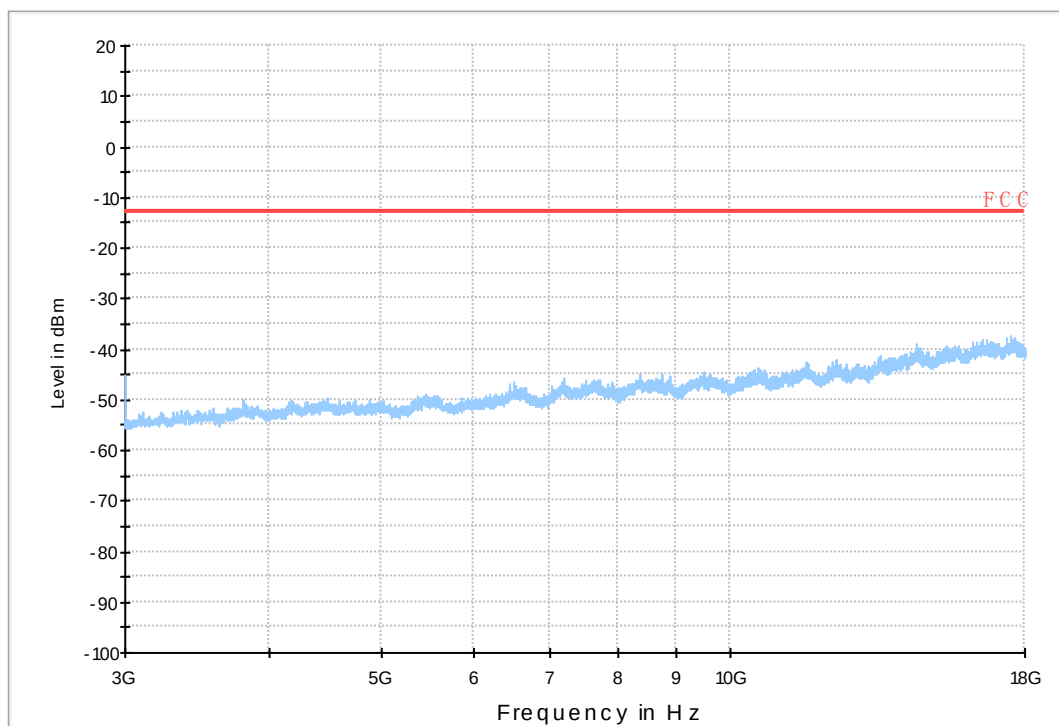
7.1.2.1 Test Bandwidth = 1.4



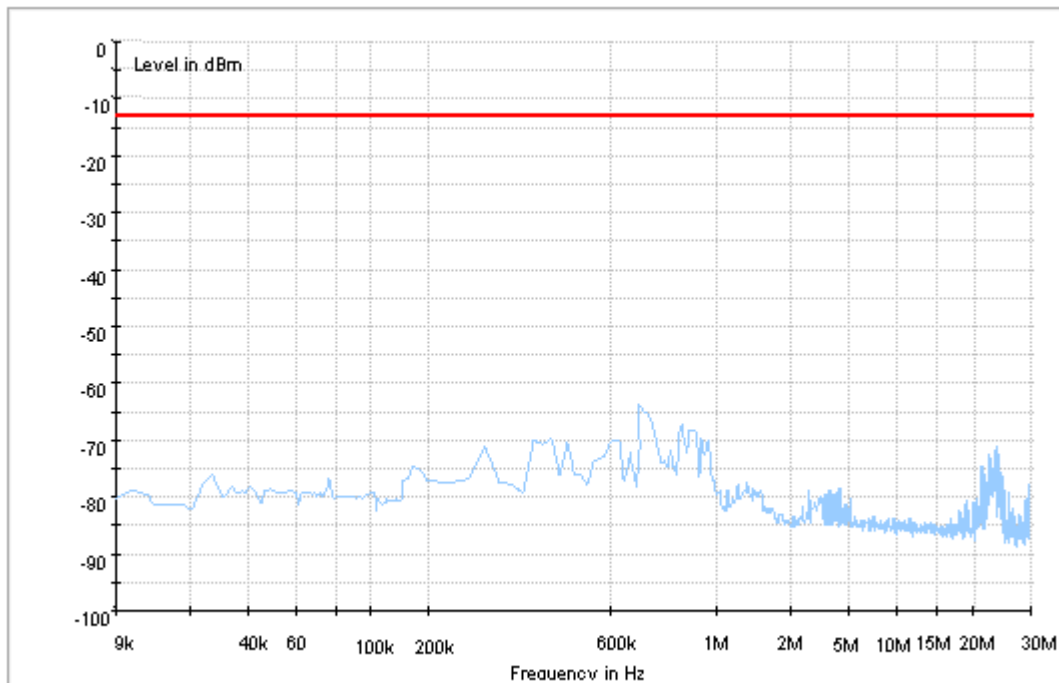
Copy of RSE-TX-DIRECTOR BELOW 1G_L



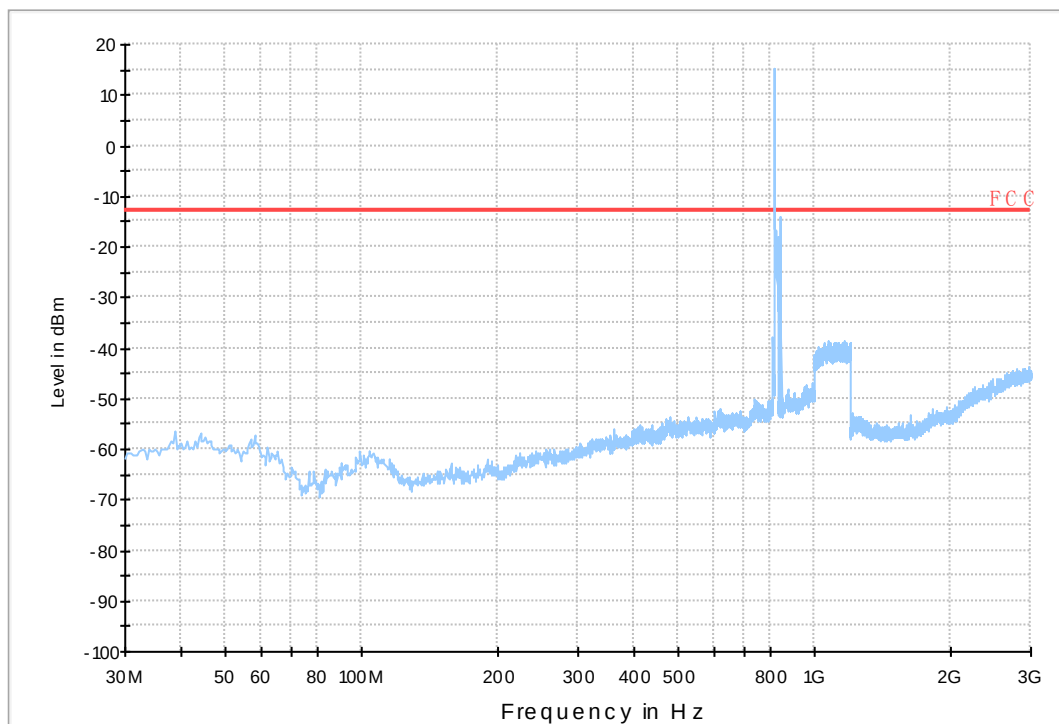
Copy of RSE-TX-DIRECTOR BELOW 1G_H



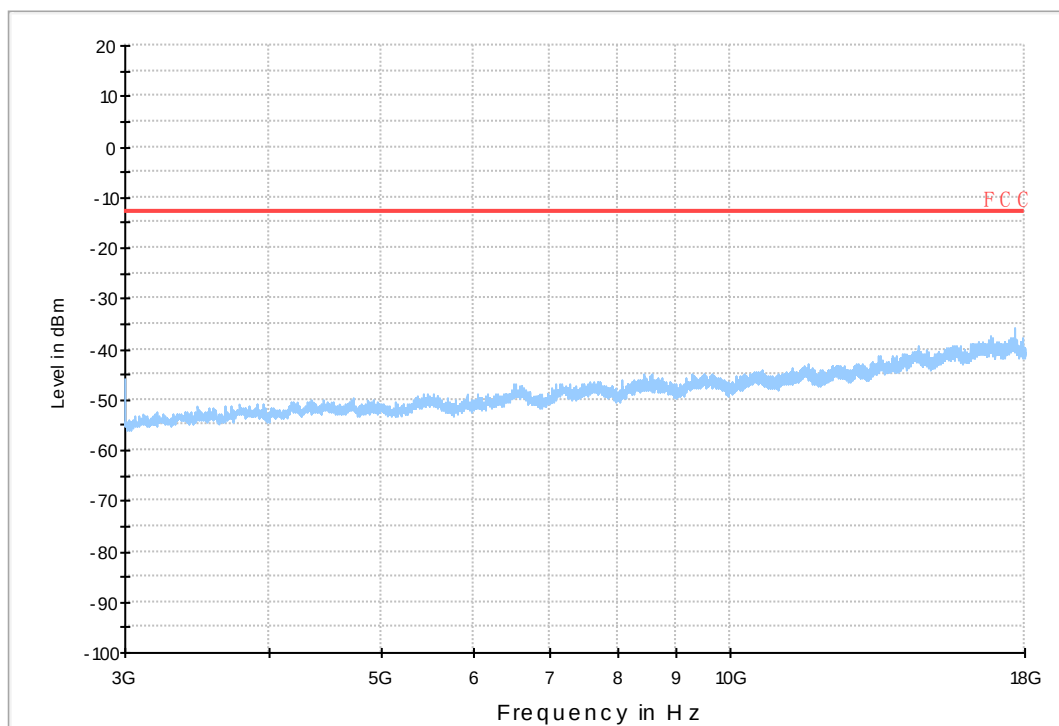
7.1.2.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency 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	3.75	0.0046	PASS
					VN	-3.32	-0.00408	PASS
					VH	-5.39	-0.00662	PASS
			MCH	TN	VL	7.24	0.00884	PASS
					VN	1.36	0.00166	PASS
					VH	5.75	0.00702	PASS
			HCH	TN	VL	-5.46	-0.00663	PASS
					VN	8.75	0.01063	PASS
					VH	-7.05	-0.00856	PASS
		3	LCH	TN	VL	11.82	0.01449	PASS
					VN	-0.80	-0.00098	PASS
					VH	8.31	0.01019	PASS
			MCH	TN	VL	0.56	0.00068	PASS
					VN	-4.05	-0.00495	PASS
					VH	-0.90	-0.0011	PASS
			HCH	TN	VL	3.50	0.00426	PASS
					VN	8.38	0.01019	PASS
					VH	6.68	0.00812	PASS
		5	LCH	TN	VL	-4.02	-0.00492	PASS
					VN	0.47	0.00058	PASS
					VH	-3.48	-0.00426	PASS
			MCH	TN	VL	3.20	0.00391	PASS
					VN	4.02	0.00491	PASS
					VH	-1.62	-0.00198	PASS
			HCH	TN	VL	-2.70	-0.00329	PASS
					VN	-6.57	-0.008	PASS
					VH	1.96	0.00239	PASS
		10	LCH	TN	VL	3.86	0.00471	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	0.63	0.00077	PASS
					VH	3.96	0.00484	PASS
					VL	-0.41	-0.0005	PASS
					VN	-0.51	-0.00062	PASS
			MCH	TN	VH	-0.87	-0.00106	PASS
					VL	0.34	0.00042	PASS
					VN	1.30	0.00159	PASS
					VH	-1.34	-0.00164	PASS
	LTE/TM2	1.4	LCH	TN	VL	10.74	0.01318	PASS
					VN	3.43	0.00421	PASS
					VH	10.30	0.01264	PASS
			MCH	TN	VL	1.54	0.00188	PASS
					VN	5.56	0.00679	PASS
					VH	6.97	0.00851	PASS
			HCH	TN	VL	-3.38	-0.00411	PASS
					VN	10.59	0.01286	PASS
					VH	23.37	0.02839	PASS
		3	LCH	TN	VL	11.30	0.01386	PASS
					VN	0.53	0.00065	PASS
					VH	-5.81	-0.00712	PASS
			MCH	TN	VL	3.96	0.00484	PASS
					VN	11.03	0.01347	PASS
					VH	-3.49	-0.00426	PASS
			HCH	TN	VL	-11.90	-0.01447	PASS
					VN	-0.74	-0.0009	PASS
					VH	-2.57	-0.00312	PASS
		5	LCH	TN	VL	1.07	0.00131	PASS
					VN	2.39	0.00293	PASS
					VH	-0.20	-0.00024	PASS
			MCH	TN	VL	3.75	0.00458	PASS
					VN	1.33	0.00162	PASS
					VH	1.70	0.00208	PASS
			HCH	TN	VL	-3.58	-0.00436	PASS
					VN	0.04	0.00005	PASS
					VH	-3.86	-0.0047	PASS
		10	LCH	TN	VL	-0.94	-0.00115	PASS
					VN	0.30	0.00037	PASS
					VH	1.29	0.00158	PASS
			MCH	TN	VL	-6.11	-0.00746	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
				TN	VN	1.69	0.00206	PASS	
					VH	-0.54	-0.00066	PASS	
			HCH		VL	-1.19	-0.00145	PASS	
					VN	-4.66	-0.00569	PASS	
					VH	-0.77	-0.00094	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	10.27	0.01261	PASS
					-20	7.68	0.00943	PASS
					-10	1.69	0.00207	PASS
					0	1.97	0.00242	PASS
					10	8.18	0.01004	PASS
					20	-11.89	-0.01459	PASS
					30	1.24	0.00152	PASS
					40	6.15	0.00755	PASS
					50	14.95	0.01835	PASS
			MCH	VN	-30	-8.58	-0.01048	PASS
					-20	-0.10	-0.00012	PASS
					-10	19.93	0.02433	PASS
					0	-2.07	-0.00253	PASS
					10	12.85	0.01569	PASS
					20	-6.64	-0.00811	PASS
					30	3.68	0.00449	PASS
					40	-2.25	-0.00275	PASS
					50	31.64	0.03863	PASS
			HCH	VN	-30	9.03	0.01097	PASS
					-20	3.43	0.00417	PASS
					-10	1.36	0.00165	PASS
					0	0.87	0.00106	PASS
					10	9.61	0.01167	PASS
					20	-5.85	-0.00711	PASS
					30	2.45	0.00298	PASS
					40	-4.58	-0.00556	PASS
					50	6.29	0.00764	PASS
		3	LCH	VN	-30	4.89	0.006	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-3.81	-0.00467	PASS
					-10	1.86	0.00228	PASS
					0	-2.12	-0.0026	PASS
					10	0.31	0.00038	PASS
					20	-1.93	-0.00237	PASS
					30	0.06	0.00007	PASS
					40	0.26	0.00032	PASS
					50	-0.99	-0.00121	PASS
			MCH	VN	-30	0.20	0.00024	PASS
					-20	-2.53	-0.00309	PASS
					-10	1.65	0.00201	PASS
					0	1.22	0.00149	PASS
					10	-5.42	-0.00662	PASS
					20	1.62	0.00198	PASS
					30	-0.23	-0.00028	PASS
					40	0.79	0.00096	PASS
					50	1.47	0.00179	PASS
			HCH	VN	-30	-8.48	-0.01031	PASS
					-20	7.94	0.00965	PASS
					-10	1.42	0.00173	PASS
					0	-4.45	-0.00541	PASS
					10	-2.42	-0.00294	PASS
					20	-7.61	-0.00925	PASS
					30	0.73	0.00089	PASS
					40	2.92	0.00355	PASS
					50	8.38	0.01019	PASS
		5	LCH	VN	-30	-11.17	-0.01368	PASS
					-20	4.18	0.00512	PASS
					-10	0.94	0.00115	PASS
					0	-0.92	-0.00113	PASS
					10	-6.79	-0.00832	PASS
					20	-2.32	-0.00284	PASS
					30	-8.21	-0.01006	PASS
					40	-9.84	-0.01205	PASS
					50	8.80	0.01078	PASS
			MCH	VN	-30	4.56	0.00557	PASS
					-20	5.68	0.00694	PASS
					-10	-0.60	-0.00073	PASS
					0	2.70	0.0033	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-3.43	-0.00419	PASS
					20	-3.88	-0.00474	PASS
					30	1.36	0.00166	PASS
					40	-0.66	-0.00081	PASS
					50	7.18	0.00877	PASS
			HCH	VN	-30	3.16	0.00385	PASS
					-20	-1.65	-0.00201	PASS
					-10	-2.35	-0.00286	PASS
					0	-2.39	-0.00291	PASS
					10	-0.06	-0.00007	PASS
					20	-0.96	-0.00117	PASS
					30	6.74	0.0082	PASS
					40	6.52	0.00794	PASS
					50	-2.00	-0.00243	PASS
		10	LCH	VN	-30	-2.12	-0.00259	PASS
					-20	-4.26	-0.0052	PASS
					-10	0.19	0.00023	PASS
					0	1.53	0.00187	PASS
					10	-0.23	-0.00028	PASS
					20	-1.72	-0.0021	PASS
					30	-1.59	-0.00194	PASS
					40	0.56	0.00068	PASS
					50	0.84	0.00103	PASS
			MCH	VN	-30	-2.79	-0.00341	PASS
					-20	-1.17	-0.00143	PASS
					-10	-2.15	-0.00263	PASS
					0	-1.95	-0.00238	PASS
					10	1.32	0.00161	PASS
					20	3.65	0.00446	PASS
					30	-3.28	-0.004	PASS
					40	2.19	0.00267	PASS
					50	2.06	0.00252	PASS
			HCH	VN	-30	-0.34	-0.00042	PASS
					-20	-1.95	-0.00238	PASS
					-10	-5.48	-0.00669	PASS
					0	0.34	0.00042	PASS
					10	-0.17	-0.00021	PASS
					20	1.76	0.00215	PASS
					30	-4.95	-0.00604	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4			40	-1.97	-0.00241	PASS
					50	2.62	0.0032	PASS
			LCH	VN	-30	10.39	0.01275	PASS
					-20	2.43	0.00298	PASS
					-10	-0.14	-0.00017	PASS
					0	7.77	0.00954	PASS
					10	3.93	0.00482	PASS
					20	-22.59	-0.02773	PASS
					30	0.43	0.00053	PASS
					40	-4.88	-0.00599	PASS
					50	11.27	0.01383	PASS
			MCH	VN	-30	2.03	0.00248	PASS
					-20	-14.15	-0.01728	PASS
					-10	4.35	0.00531	PASS
					0	-0.20	-0.00024	PASS
					10	-4.68	-0.00571	PASS
					20	23.09	0.02819	PASS
					30	1.57	0.00192	PASS
					40	-3.39	-0.00414	PASS
					50	11.07	0.01352	PASS
			HCH	VN	-30	-4.21	-0.00511	PASS
					-20	-10.81	-0.01313	PASS
					-10	0.29	0.00035	PASS
					0	2.15	0.00261	PASS
					10	16.01	0.01945	PASS
					20	6.84	0.00831	PASS
					30	-4.45	-0.00541	PASS
					40	-0.26	-0.00032	PASS
					50	1.14	0.00138	PASS
		3	LCH	VN	-30	2.79	0.00342	PASS
					-20	3.39	0.00416	PASS
					-10	0.33	0.0004	PASS
					0	2.76	0.00338	PASS
					10	1.00	0.00123	PASS
					20	0.23	0.00028	PASS
					30	-7.52	-0.00922	PASS
					40	-0.90	-0.0011	PASS
					50	-1.44	-0.00177	PASS
			MCH	VN	-30	1.19	0.00145	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.70	-0.00085	PASS
					-10	-1.90	-0.00232	PASS
					0	3.10	0.00379	PASS
					10	2.46	0.003	PASS
					20	-2.90	-0.00354	PASS
					30	1.60	0.00195	PASS
					40	0.73	0.00089	PASS
					50	-0.72	-0.00088	PASS
			HCH	VN	-30	2.05	0.00249	PASS
					-20	-0.63	-0.00077	PASS
					-10	3.48	0.00423	PASS
					0	5.66	0.00688	PASS
					10	-1.50	-0.00182	PASS
					20	-3.78	-0.0046	PASS
					30	-7.94	-0.00965	PASS
					40	5.06	0.00615	PASS
					50	-4.91	-0.00597	PASS
		5	LCH	VN	-30	-2.88	-0.00353	PASS
					-20	7.87	0.00964	PASS
					-10	8.38	0.01026	PASS
					0	-9.23	-0.0113	PASS
					10	-0.16	-0.0002	PASS
					20	-0.89	-0.00109	PASS
					30	3.50	0.00429	PASS
					40	12.04	0.01475	PASS
					50	1.03	0.00126	PASS
			MCH	VN	-30	-9.94	-0.01214	PASS
					-20	-2.05	-0.0025	PASS
					-10	2.23	0.00272	PASS
					0	-2.05	-0.0025	PASS
					10	0.77	0.00094	PASS
					20	4.59	0.0056	PASS
					30	-2.88	-0.00352	PASS
					40	0.93	0.00114	PASS
					50	7.25	0.00885	PASS
			HCH	VN	-30	3.71	0.00452	PASS
					-20	-1.87	-0.00228	PASS
					-10	-5.32	-0.00648	PASS
					0	-3.15	-0.00383	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	2.47	0.00301	PASS
					20	-2.80	-0.00341	PASS
					30	-1.86	-0.00226	PASS
					40	0.56	0.00068	PASS
					50	-0.69	-0.00084	PASS
		10	LCH	VN	-30	2.85	0.00348	PASS
					-20	-2.60	-0.00317	PASS
					-10	-3.45	-0.00421	PASS
					0	0.11	0.00013	PASS
					10	-2.82	-0.00344	PASS
					20	-1.22	-0.00149	PASS
					30	-2.22	-0.00271	PASS
					40	0.39	0.00048	PASS
					50	-2.39	-0.00292	PASS
			MCH	VN	-30	-0.59	-0.00072	PASS
					-20	4.22	0.00515	PASS
					-10	-3.13	-0.00382	PASS
					0	2.40	0.00293	PASS
					10	-1.24	-0.00151	PASS
					20	-0.79	-0.00096	PASS
					30	0.73	0.00089	PASS
					40	1.52	0.00186	PASS
					50	0.30	0.00037	PASS
			HCH	VN	-30	2.40	0.00293	PASS
					-20	0.37	0.00045	PASS
					-10	-0.39	-0.00048	PASS
					0	-0.72	-0.00088	PASS
					10	-1.33	-0.00162	PASS
					20	-3.15	-0.00385	PASS
					30	-2.45	-0.00299	PASS
					40	-2.03	-0.00248	PASS
					50	-0.87	-0.00106	PASS

END