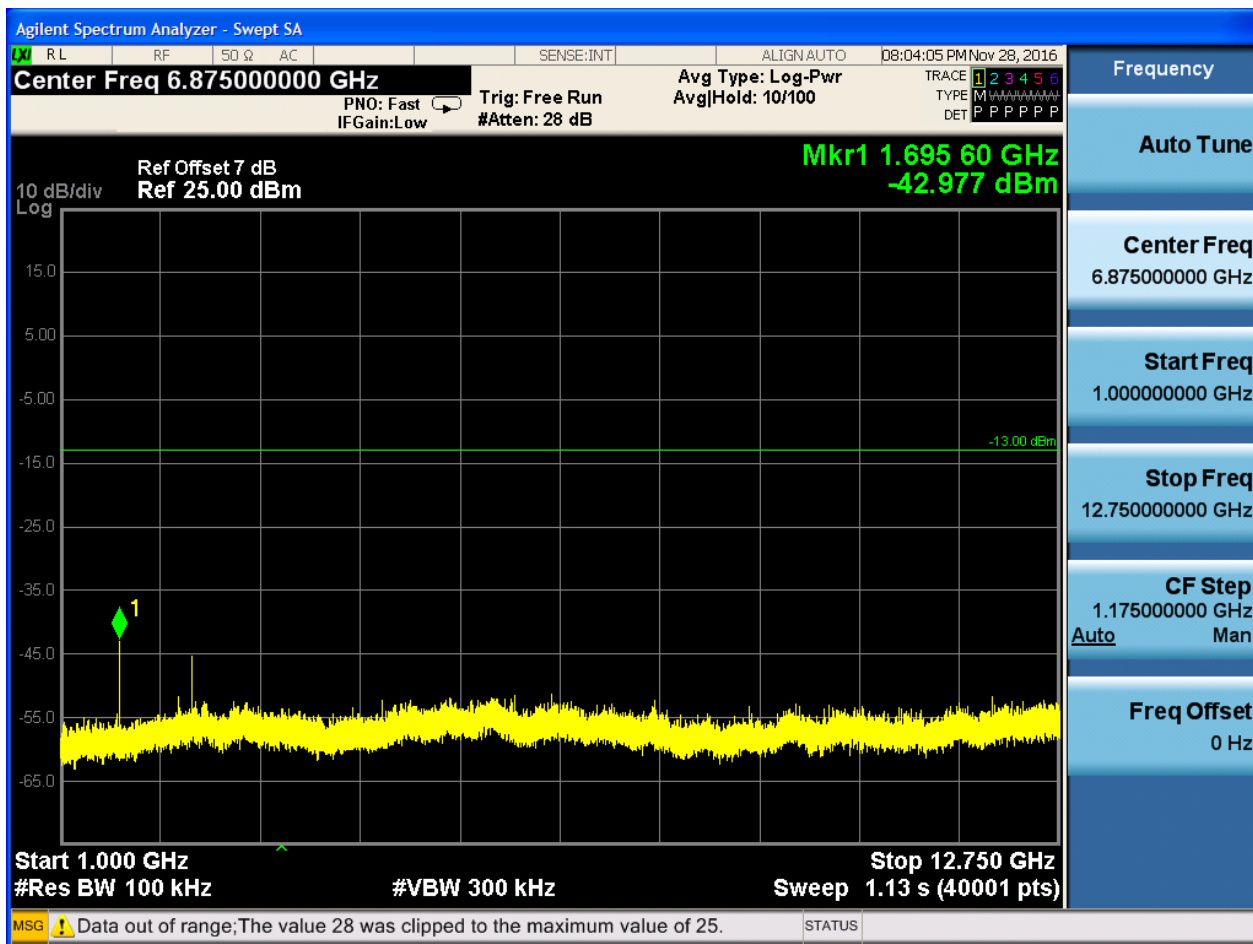


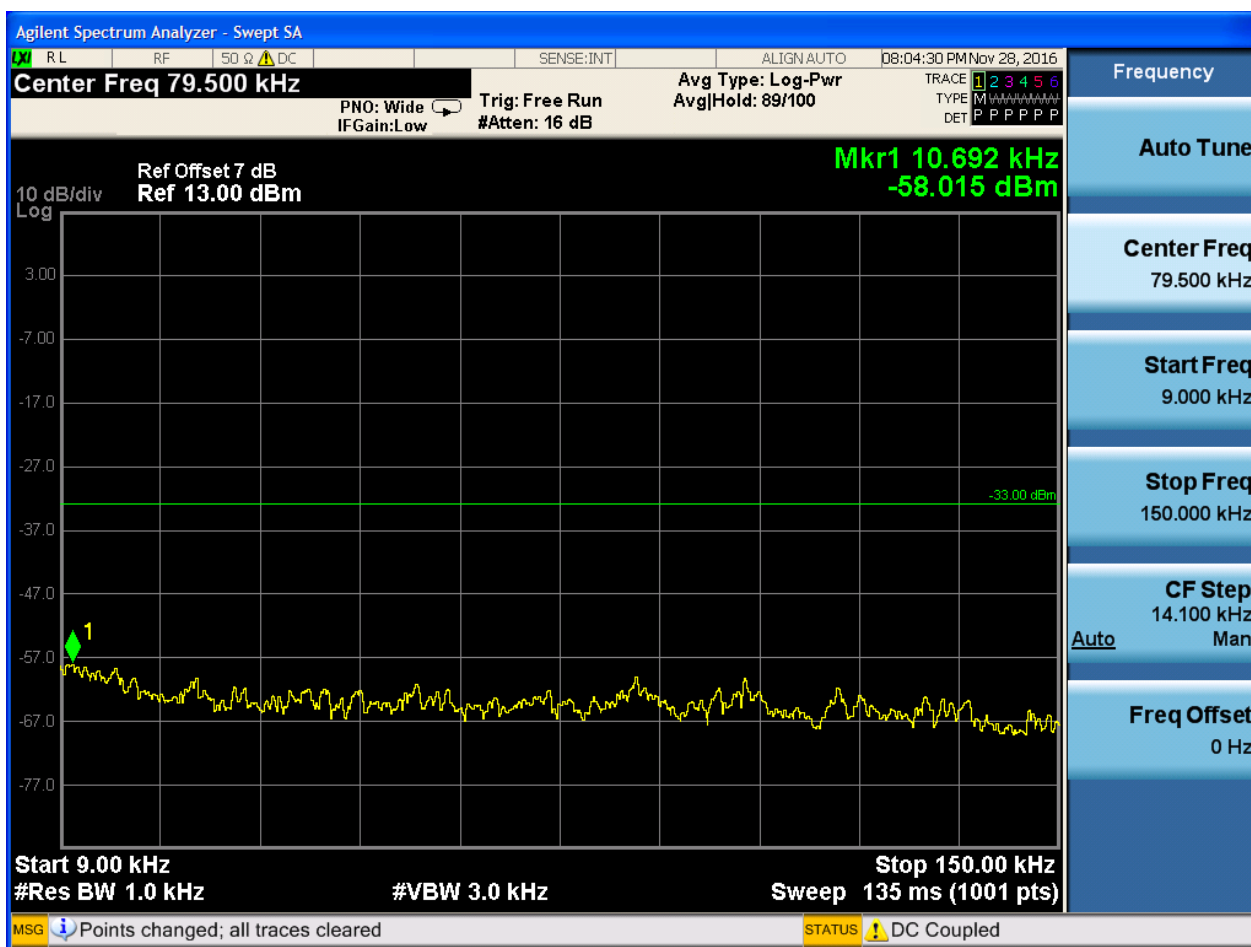




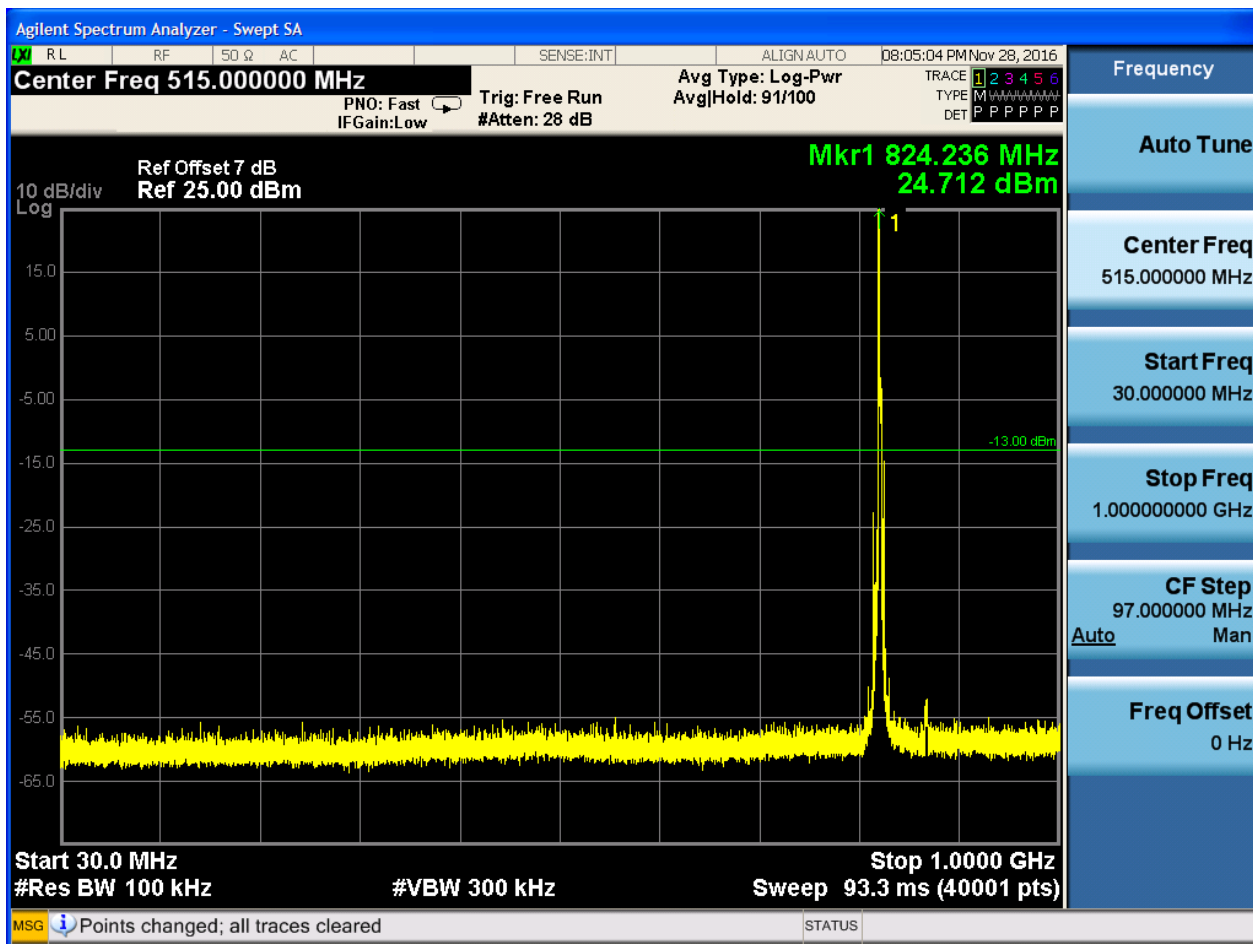
6.1.3.2.2 Test Bandwidth = 3

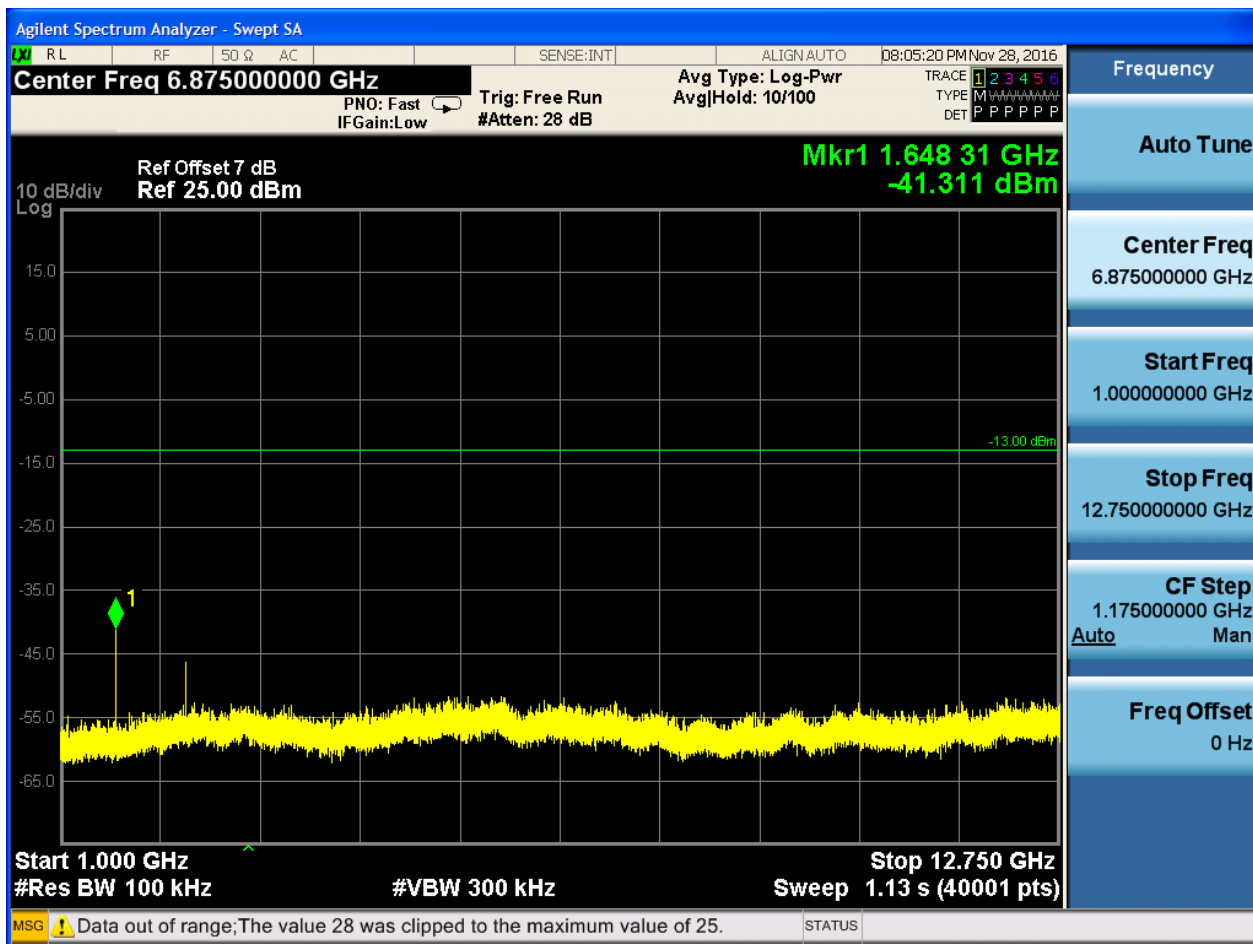
6.1.3.2.2.1 Test Channel = LCH

6.1.3.2.2.1.1 Test RB = RB1#0





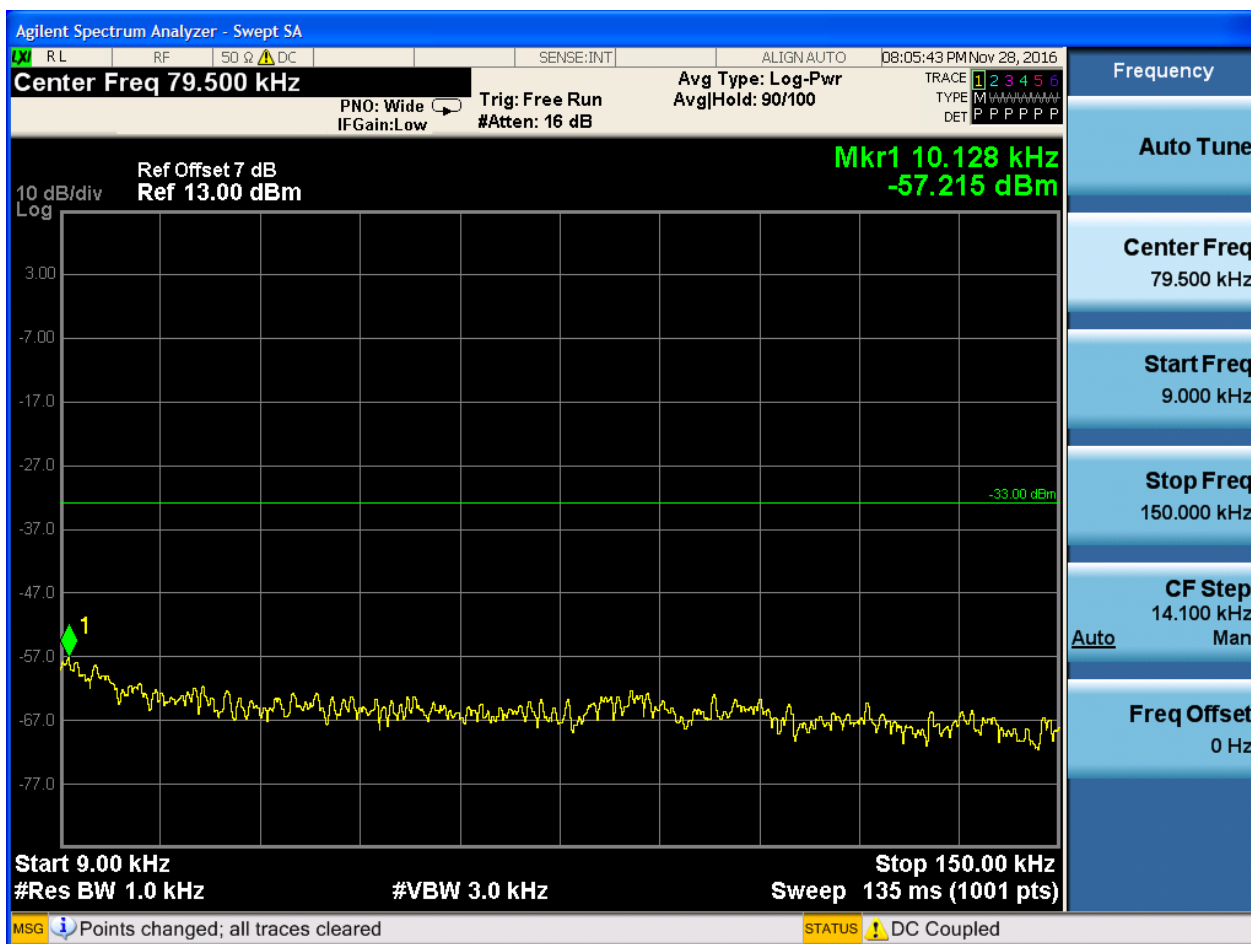




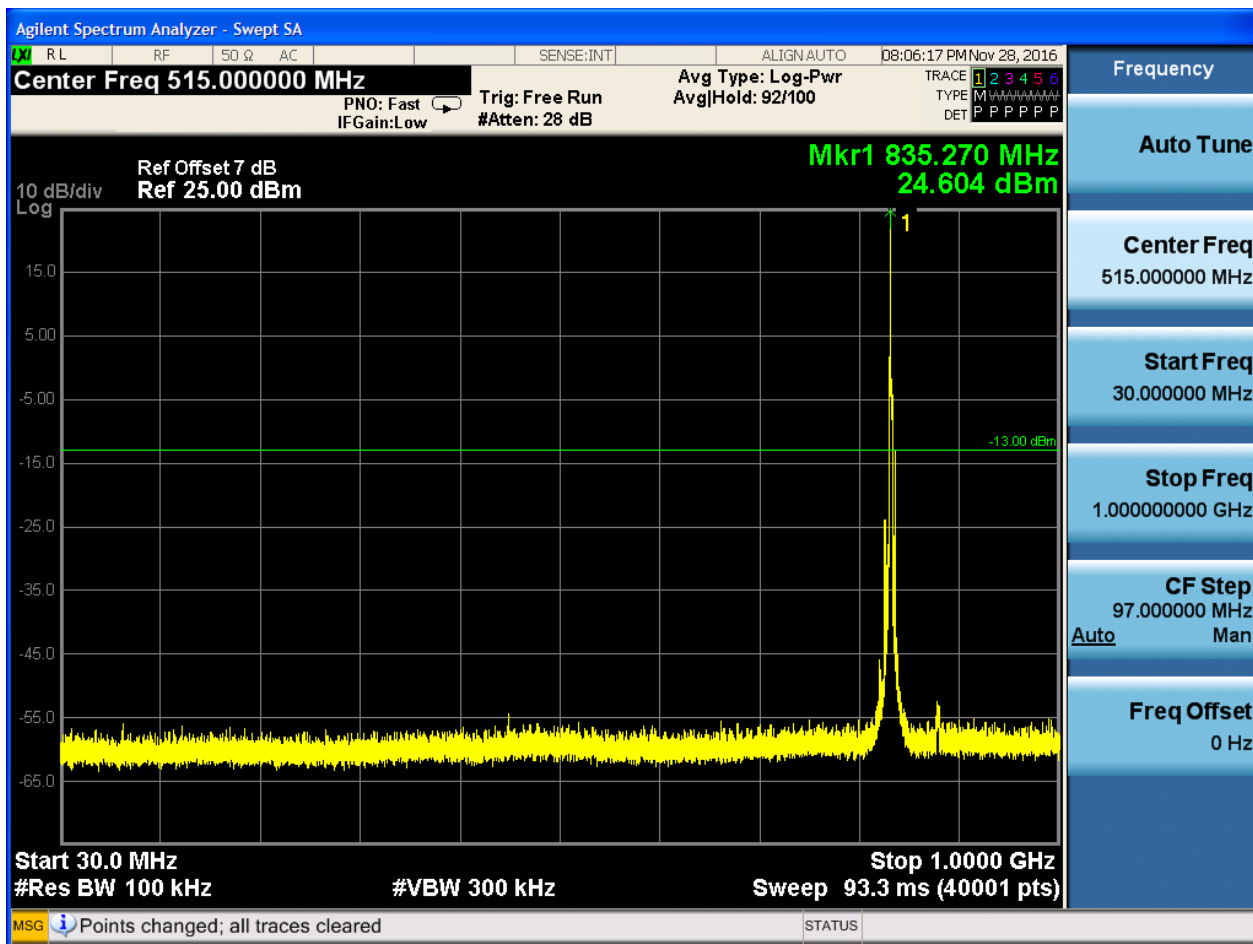


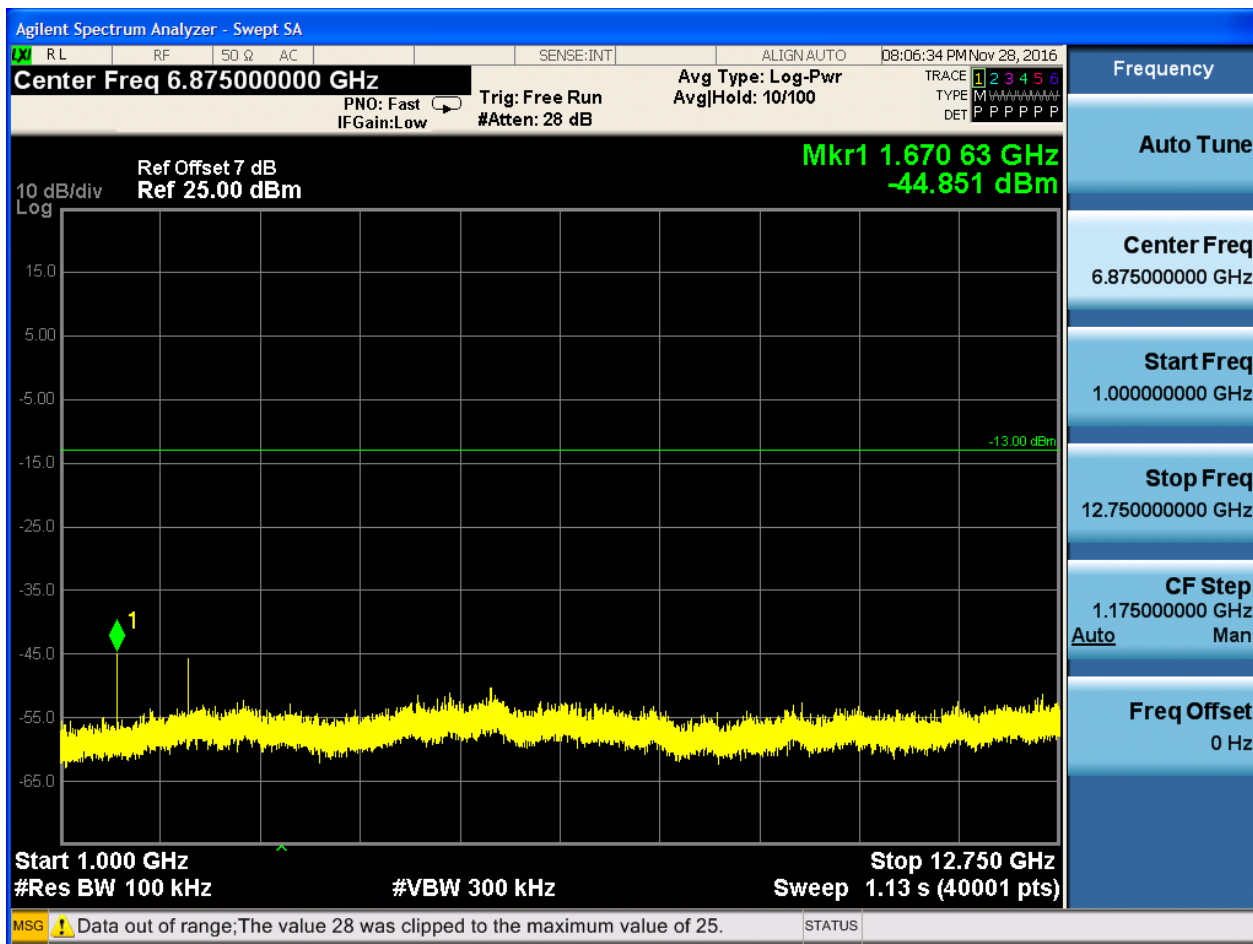
6.1.3.2.2.2 Test Channel = MCH

6.1.3.2.2.2.1 Test RB = RB1#0





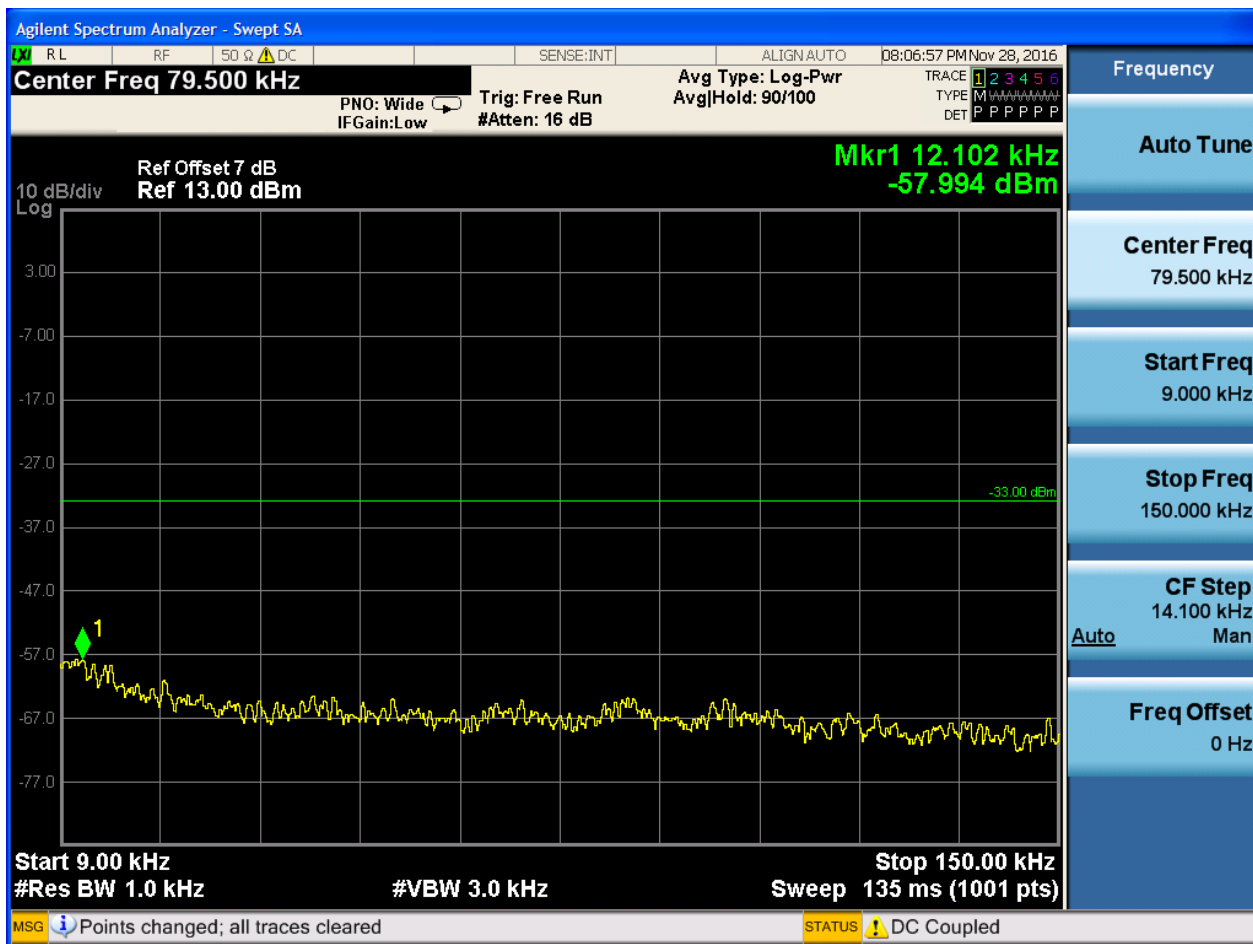




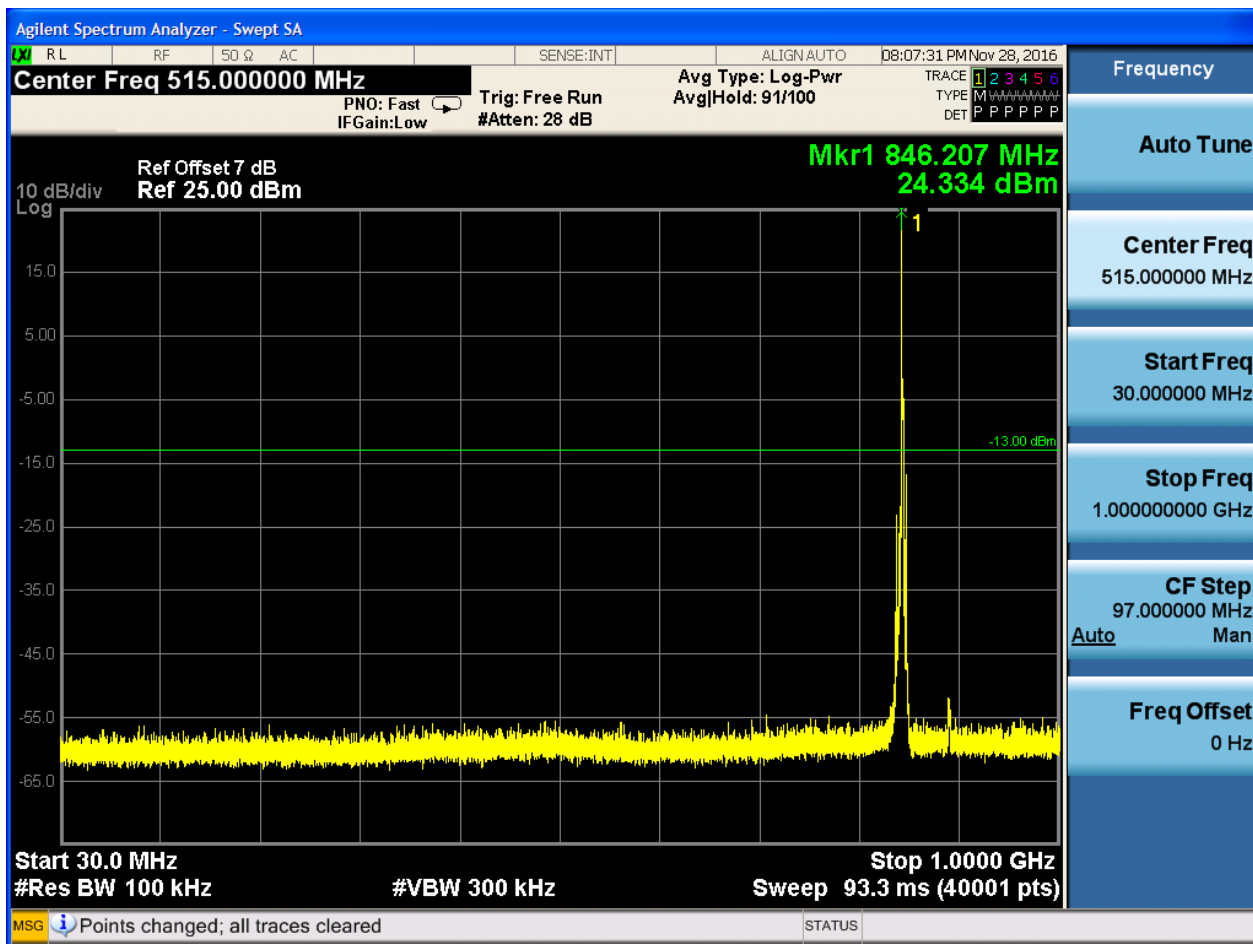


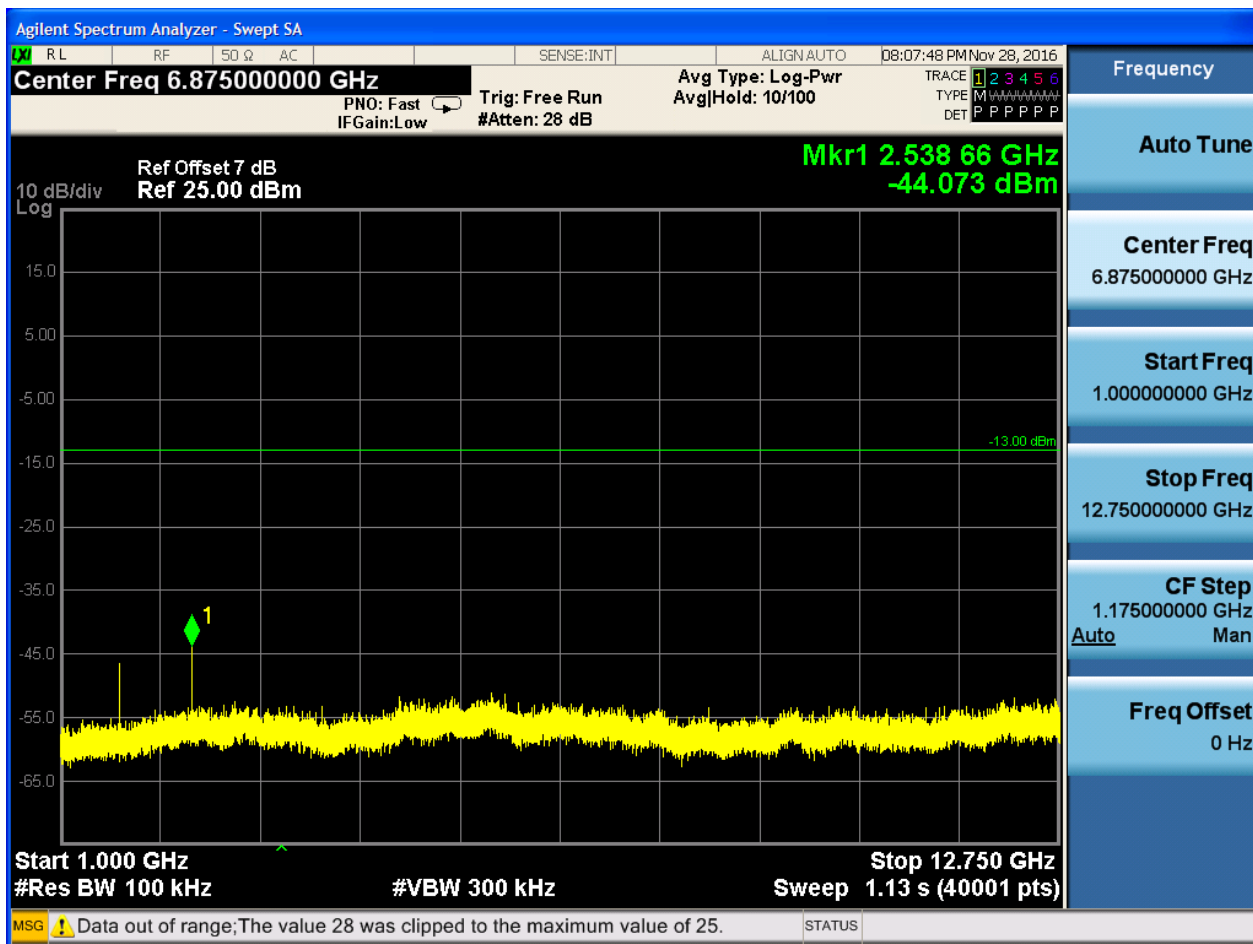
6.1.3.2.2.3 Test Channel = HCH

6.1.3.2.2.3.1 Test RB = RB1#0







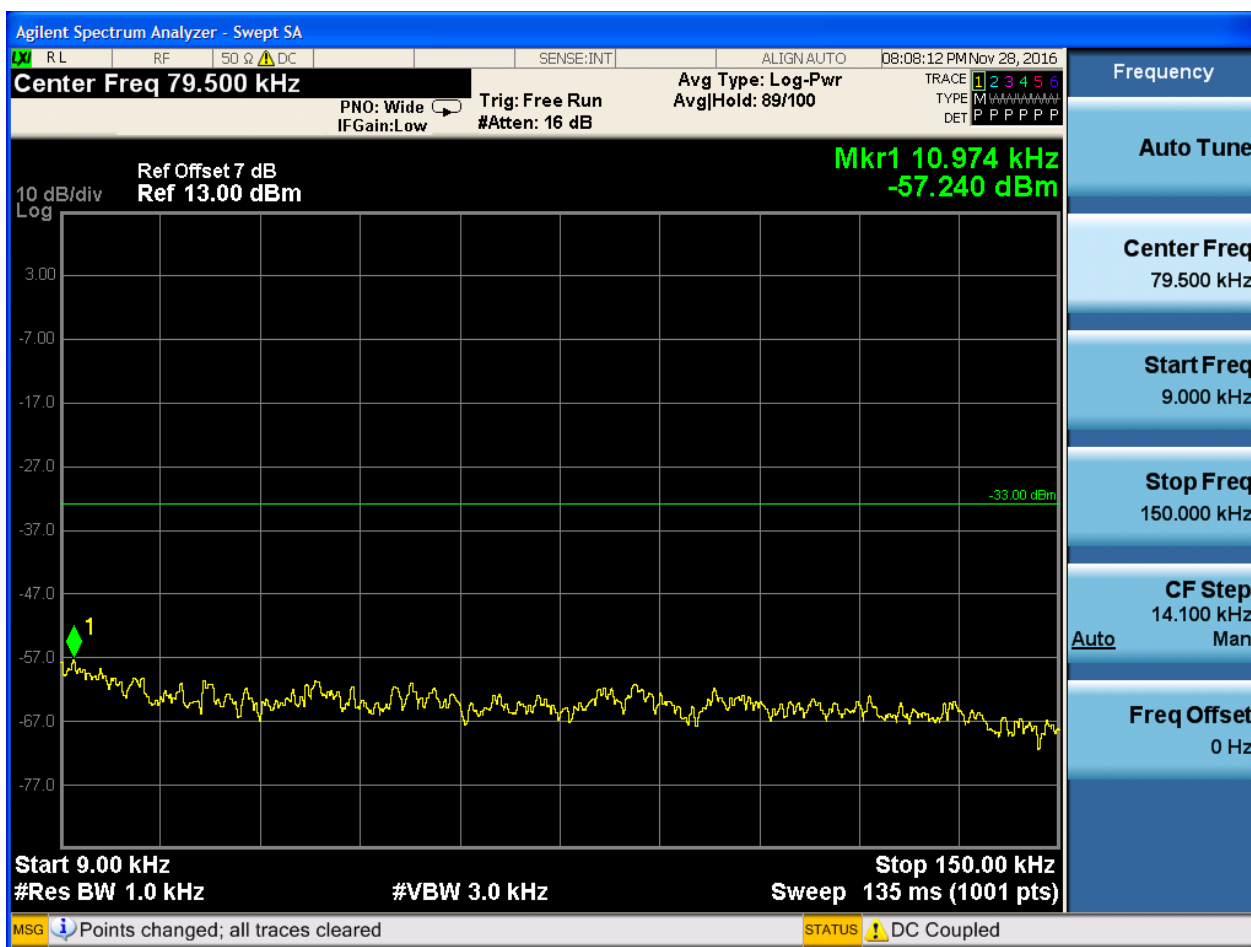


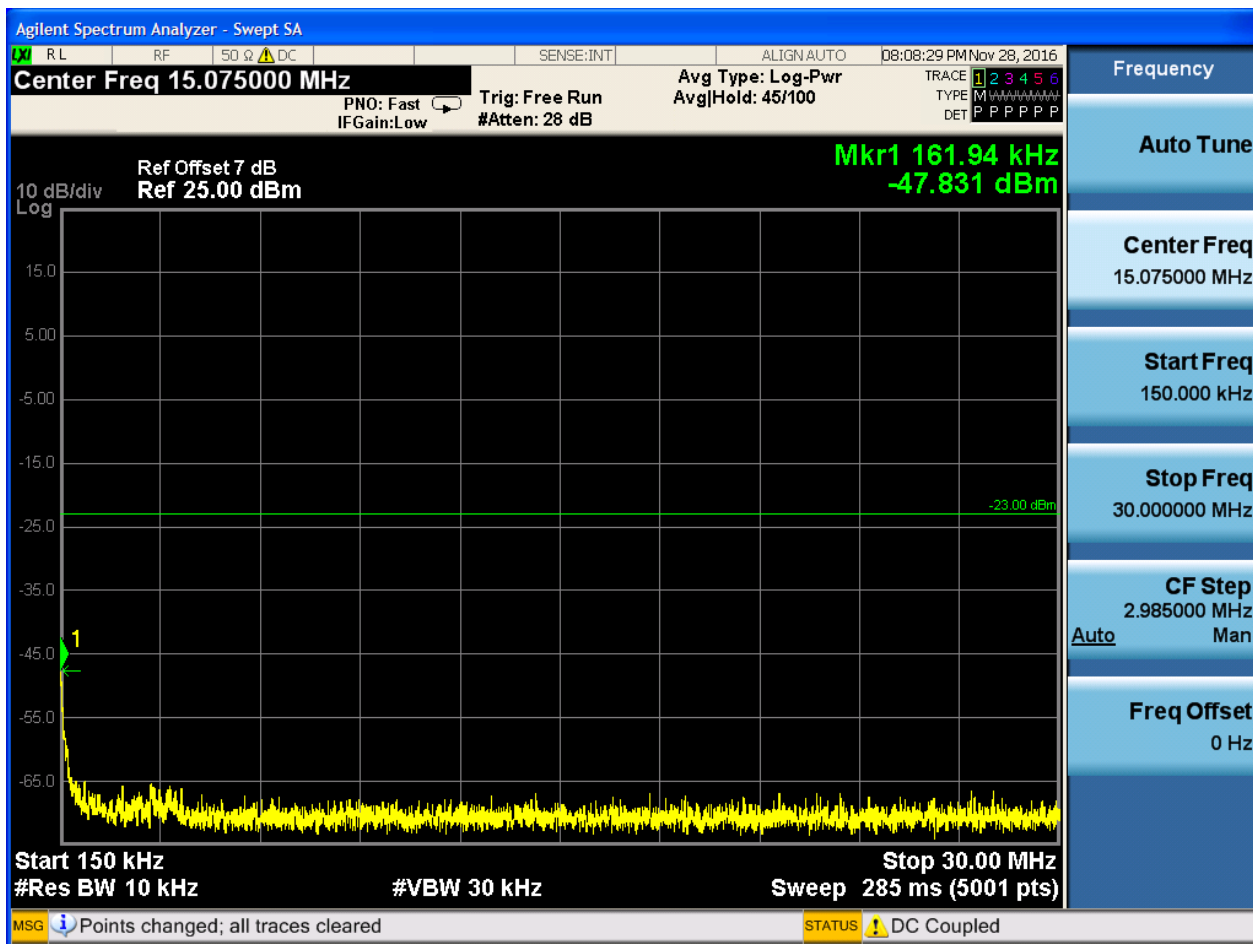


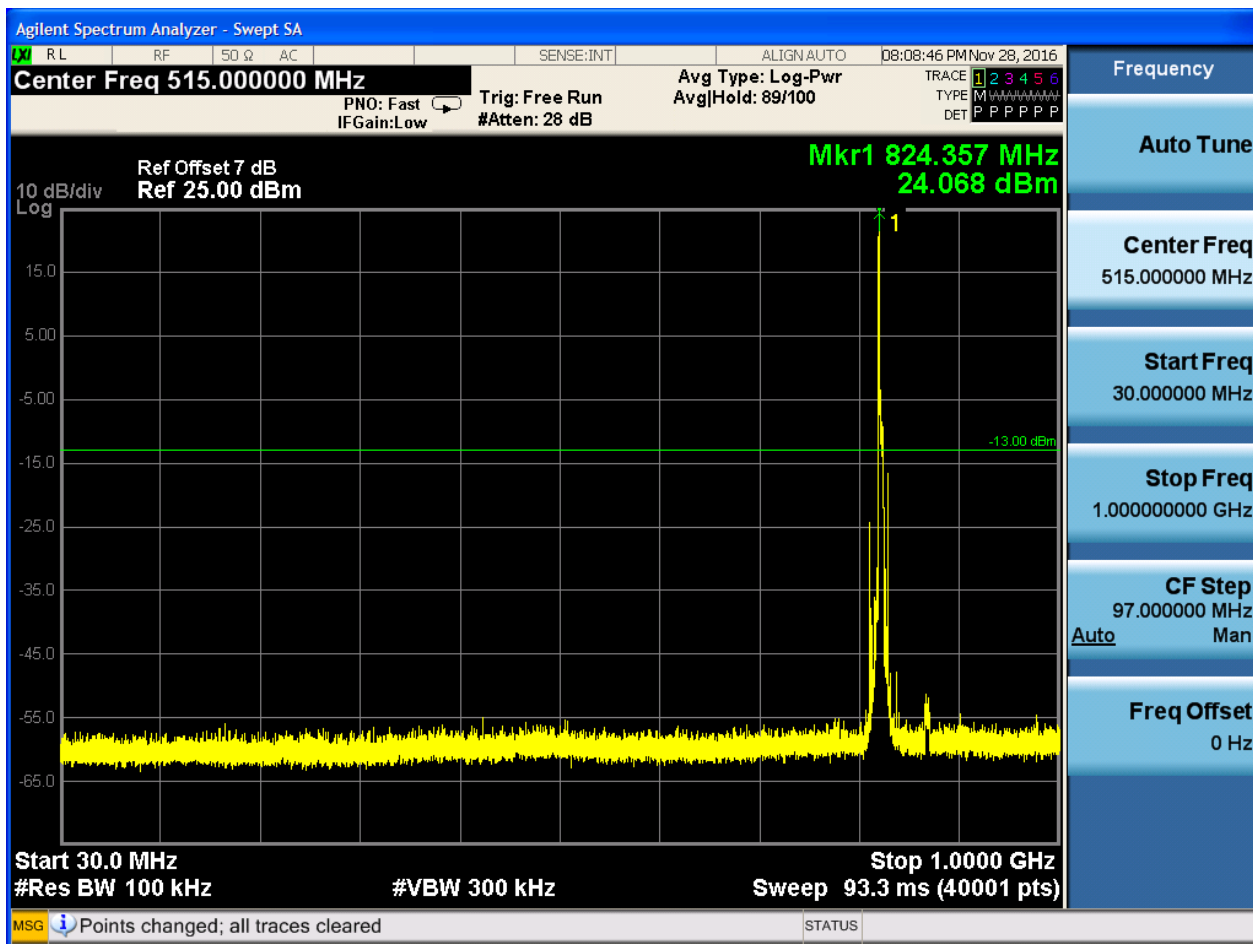
6.1.3.2.3 Test Bandwidth = 5

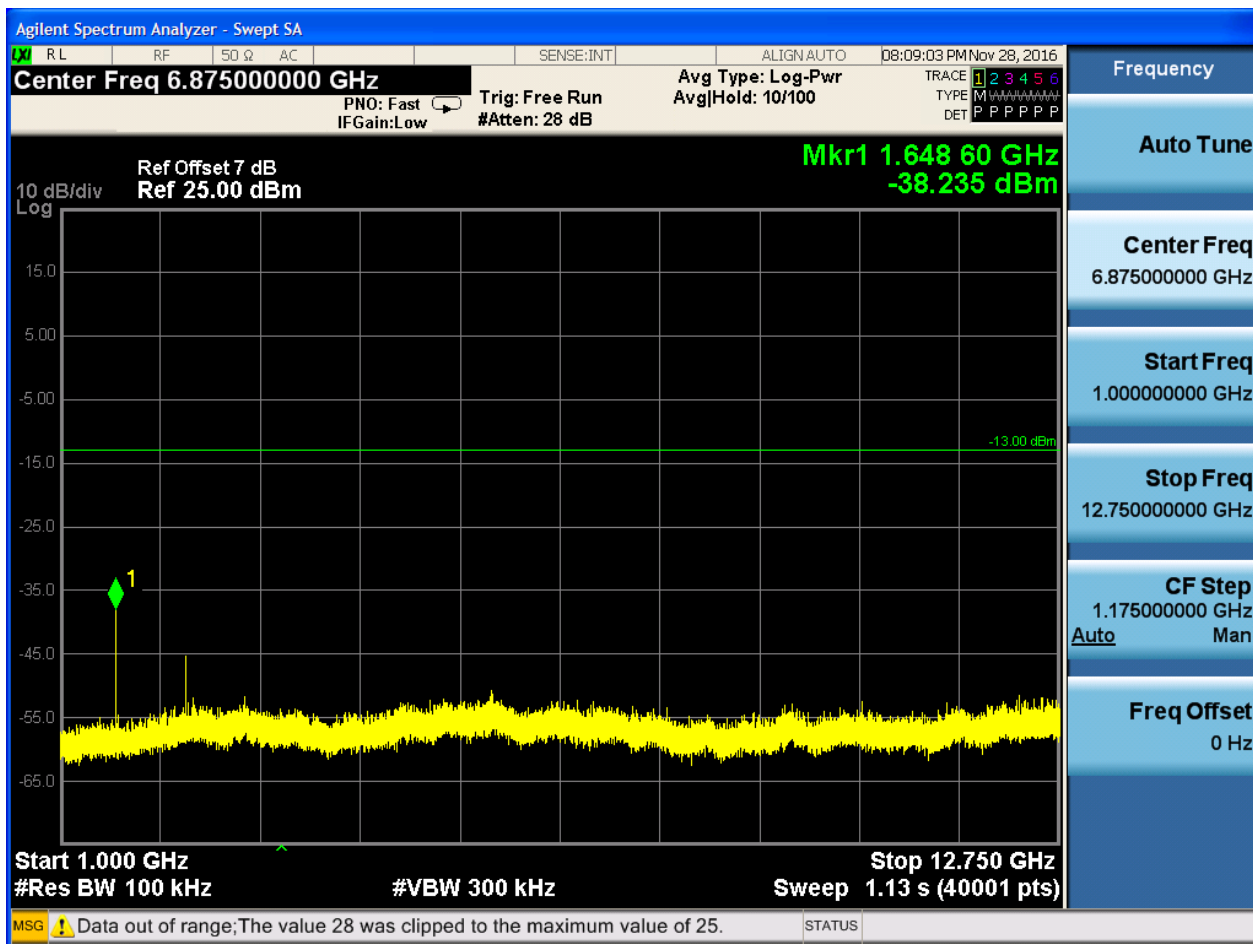
6.1.3.2.3.1 Test Channel = LCH

6.1.3.2.3.1.1 Test RB = RB1#0





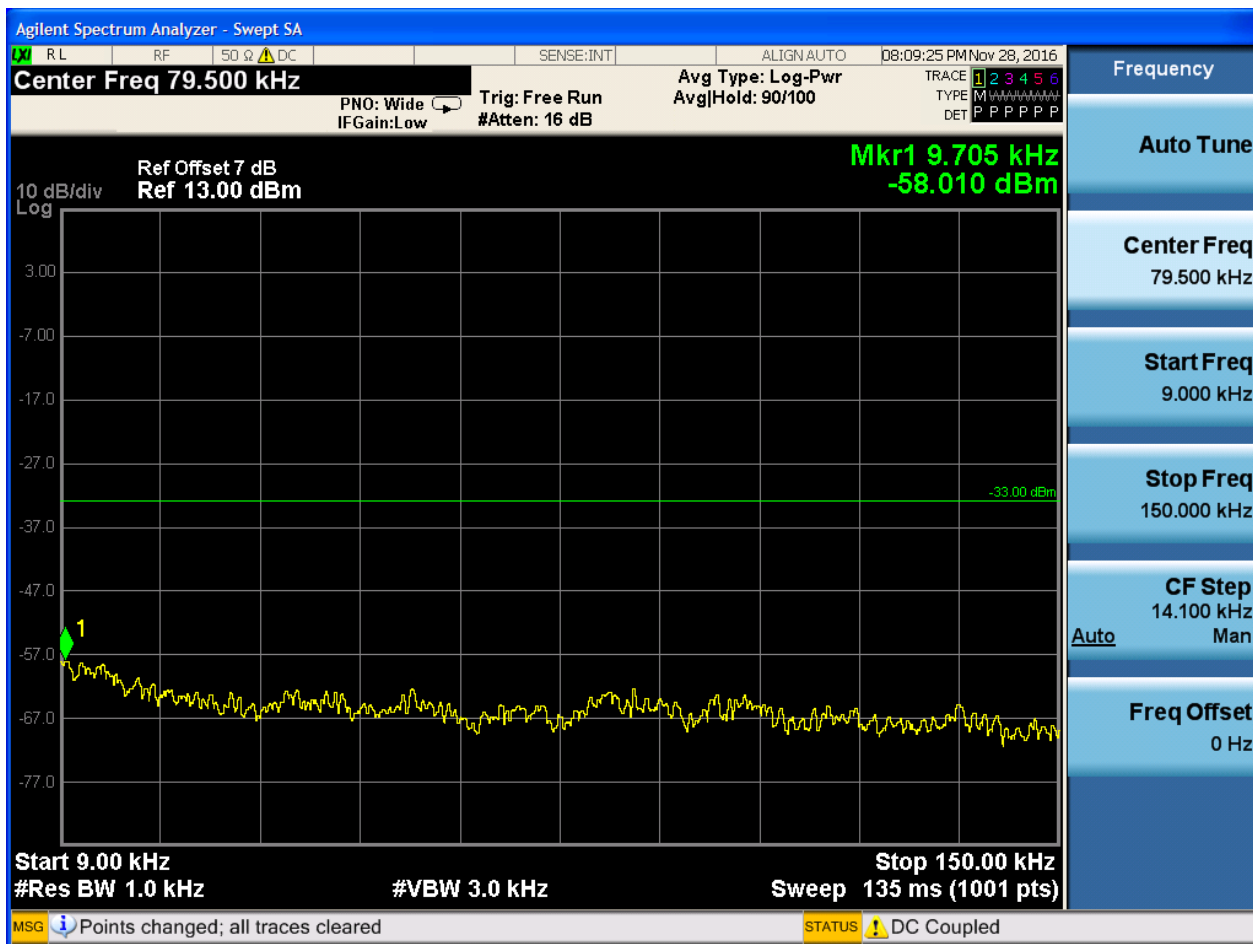


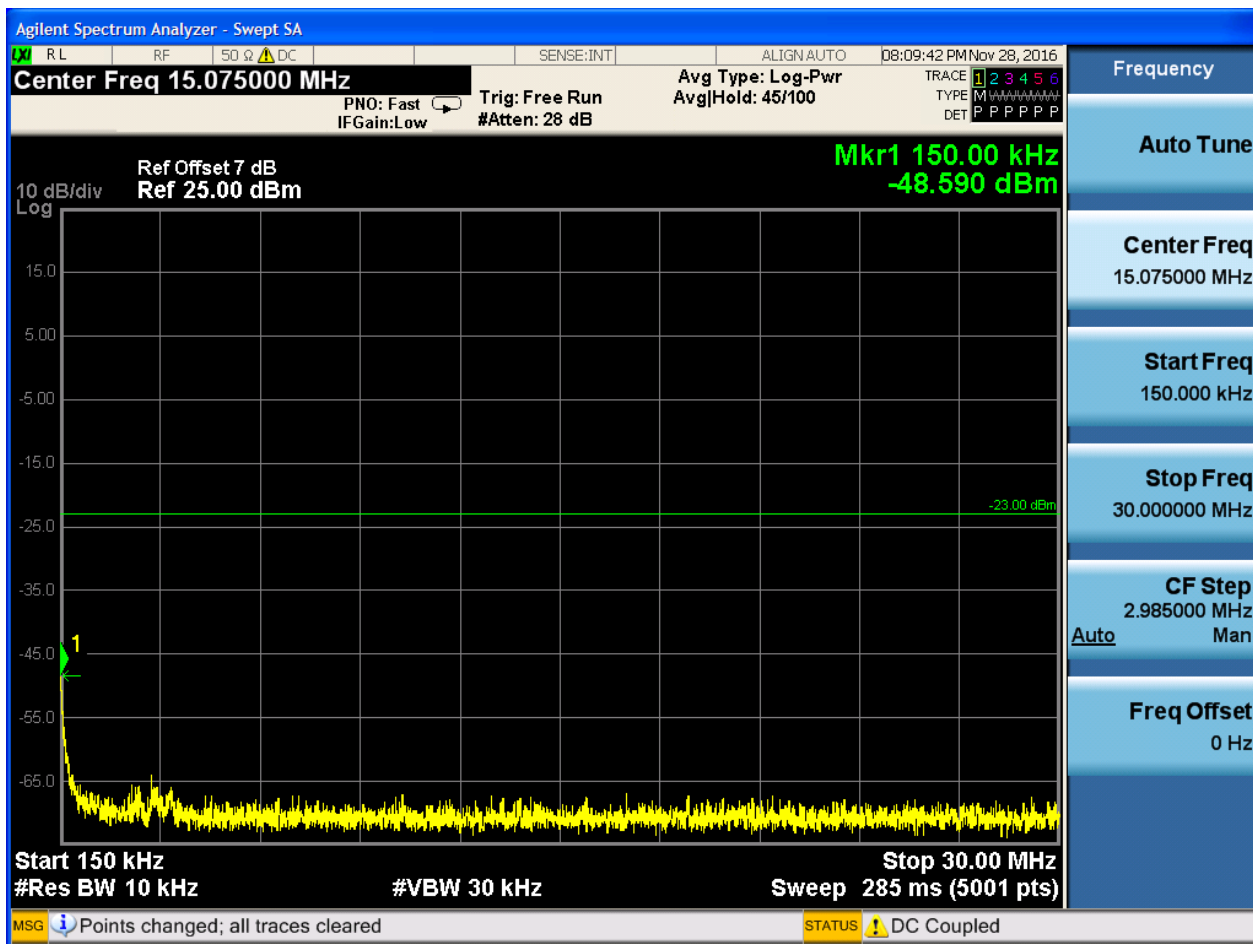


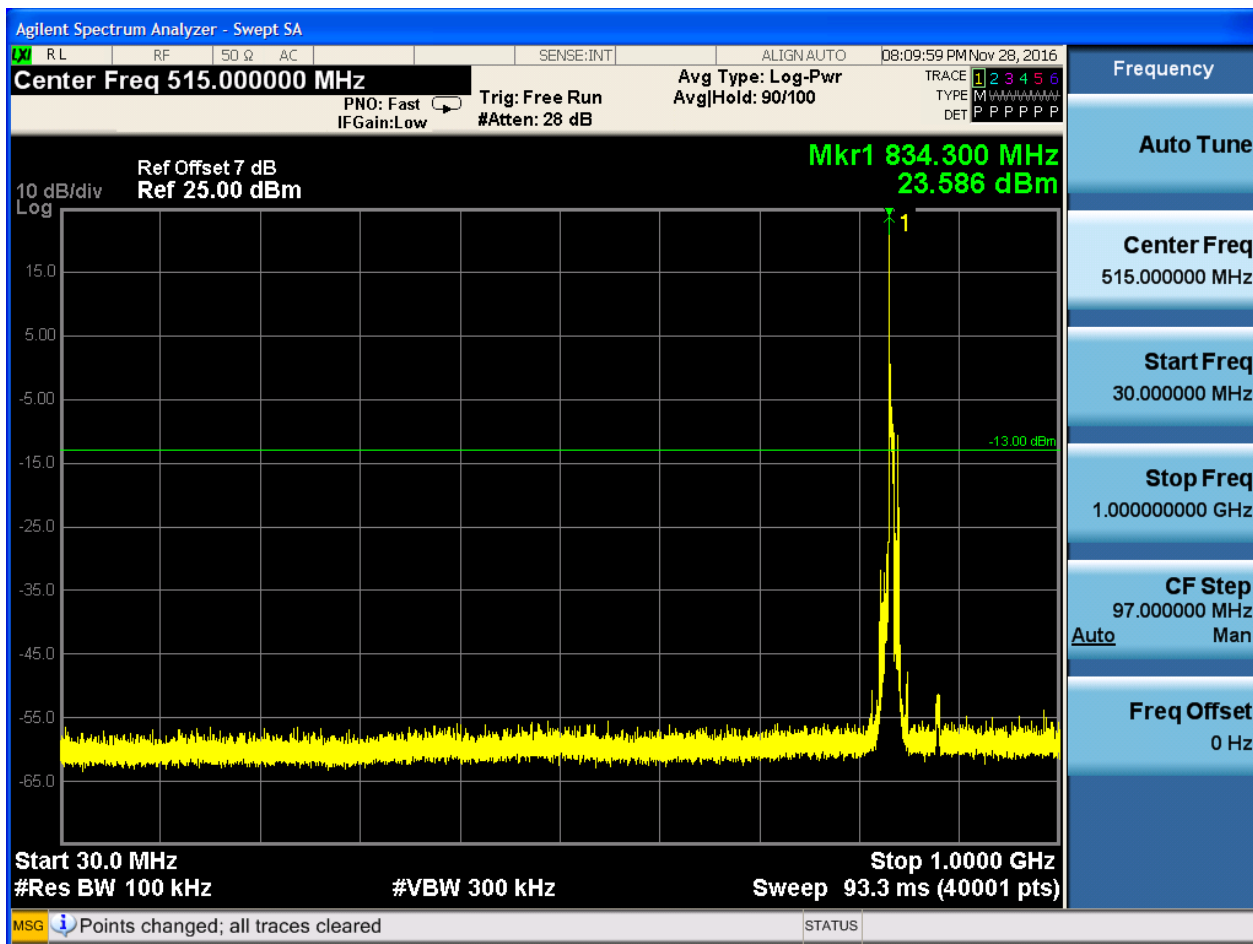


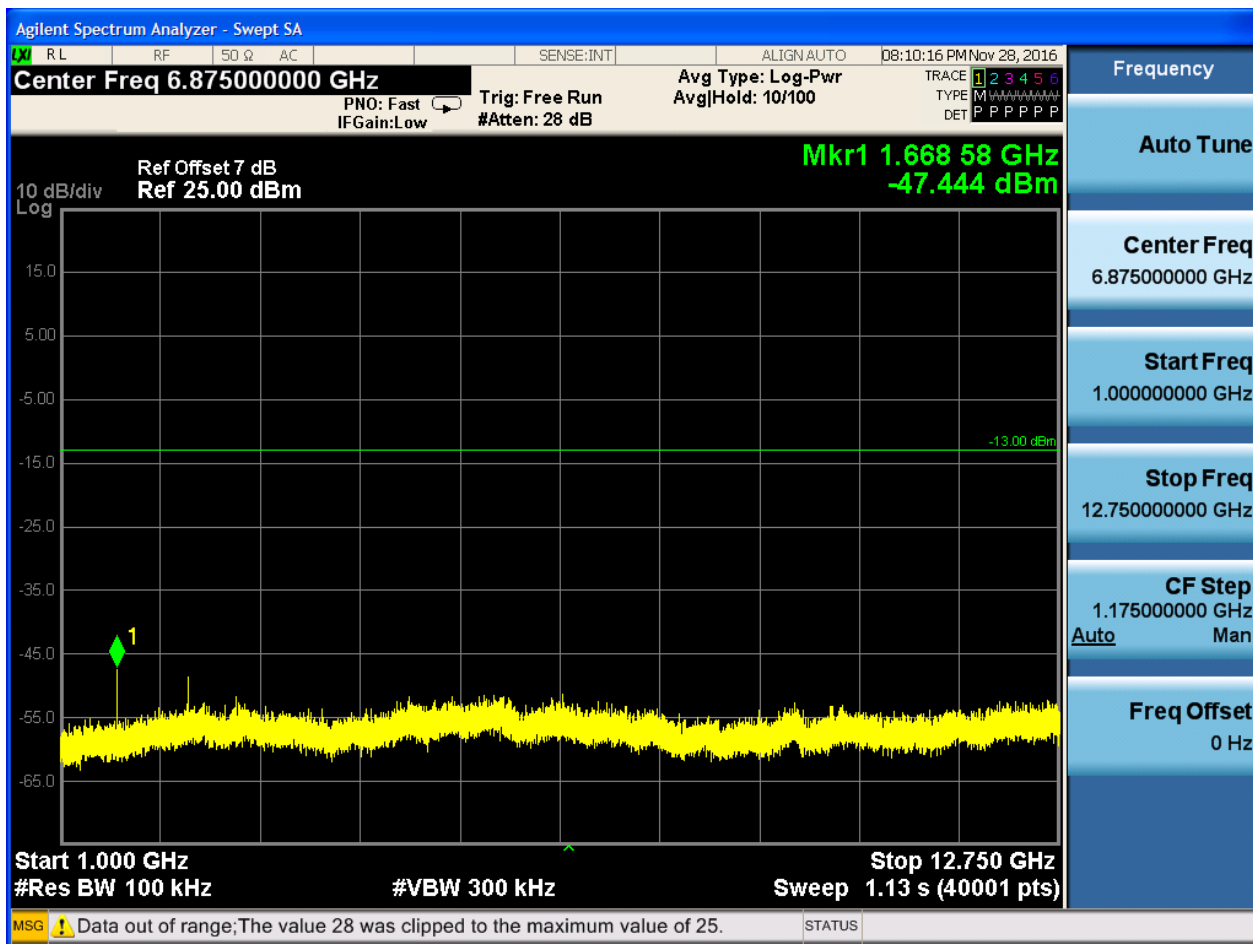
6.1.3.2.3.2 Test Channel = MCH

6.1.3.2.3.2.1 Test RB = RB1#0





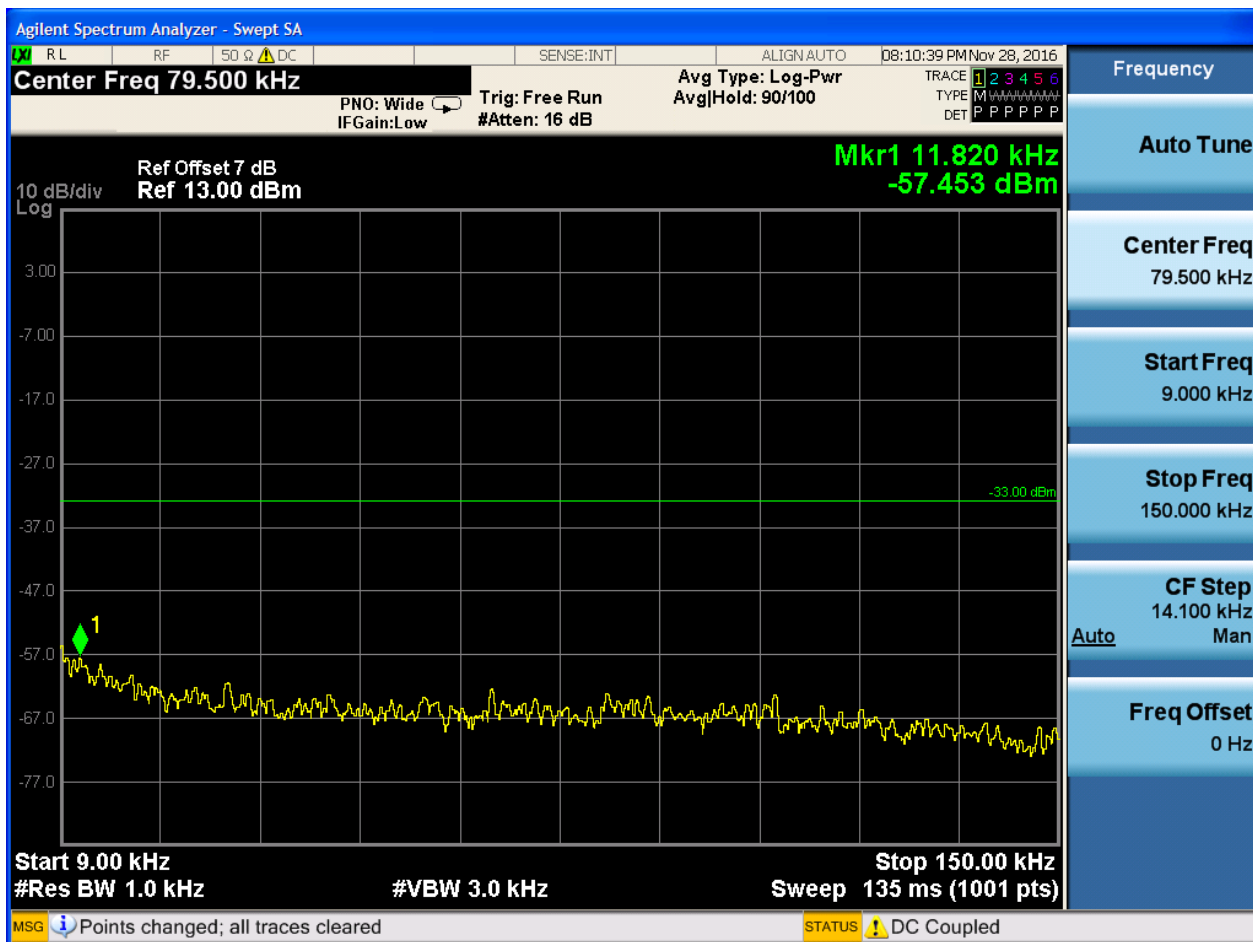




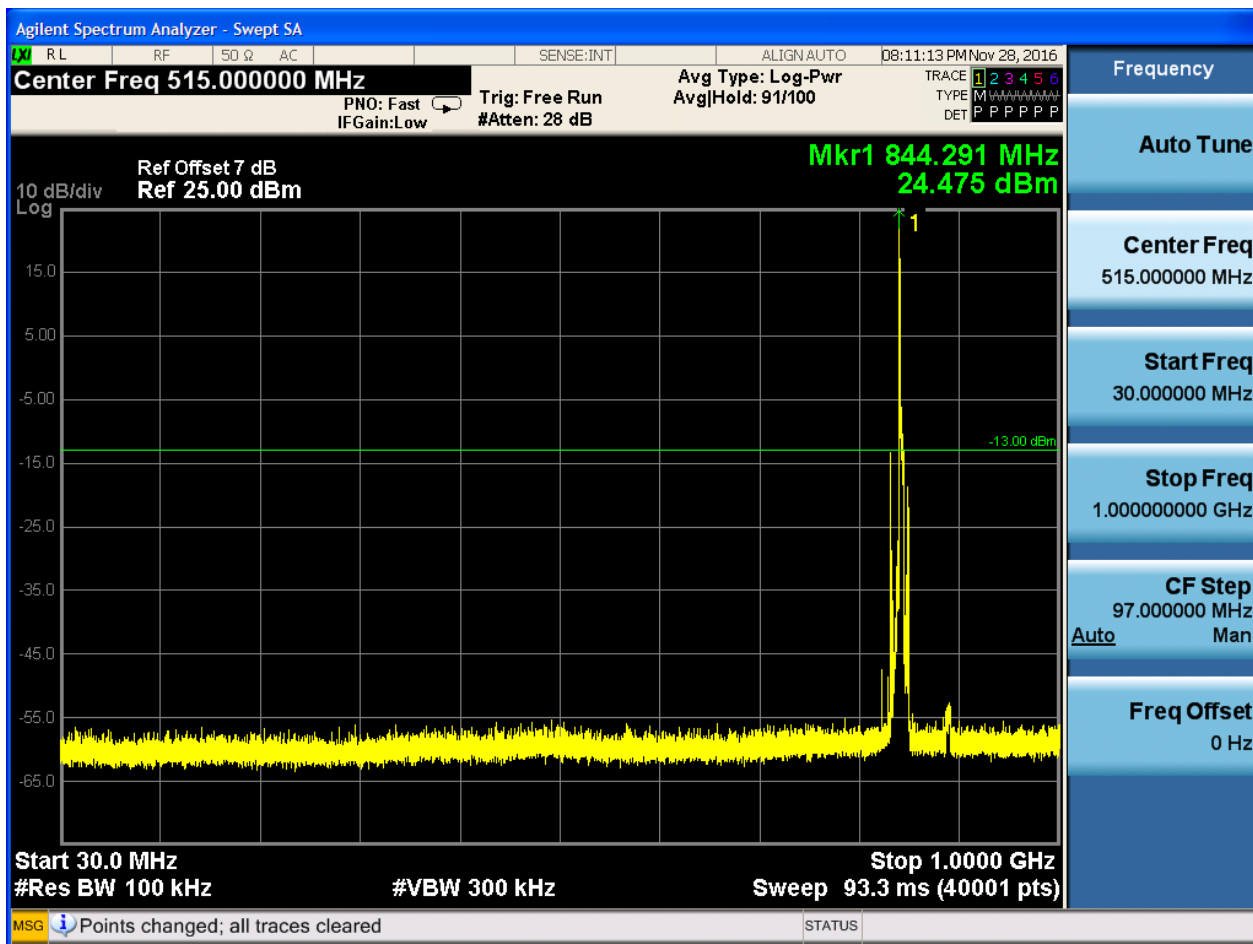


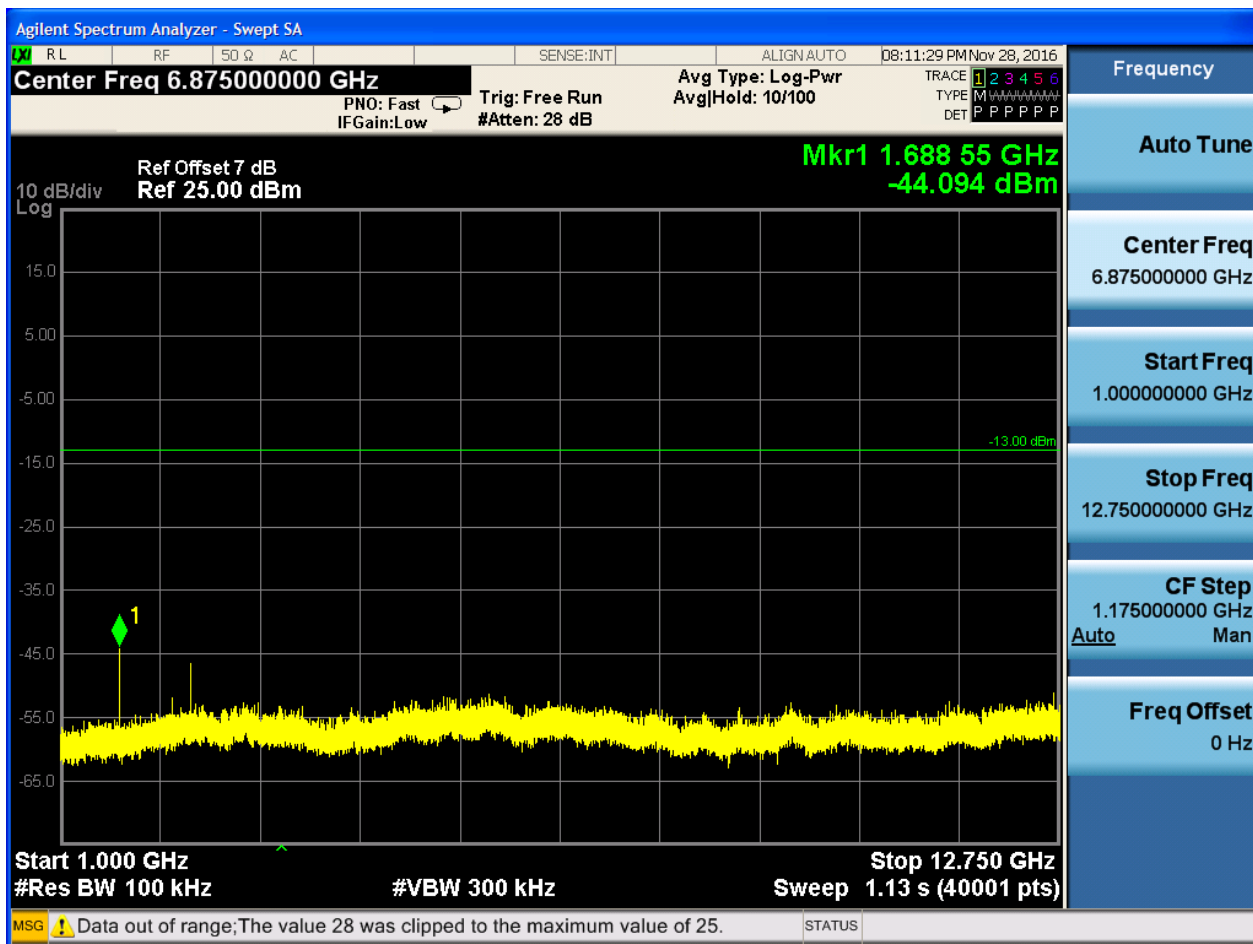
6.1.3.2.3.3 Test Channel = HCH

6.1.3.2.3.3.1 Test RB = RB1#0





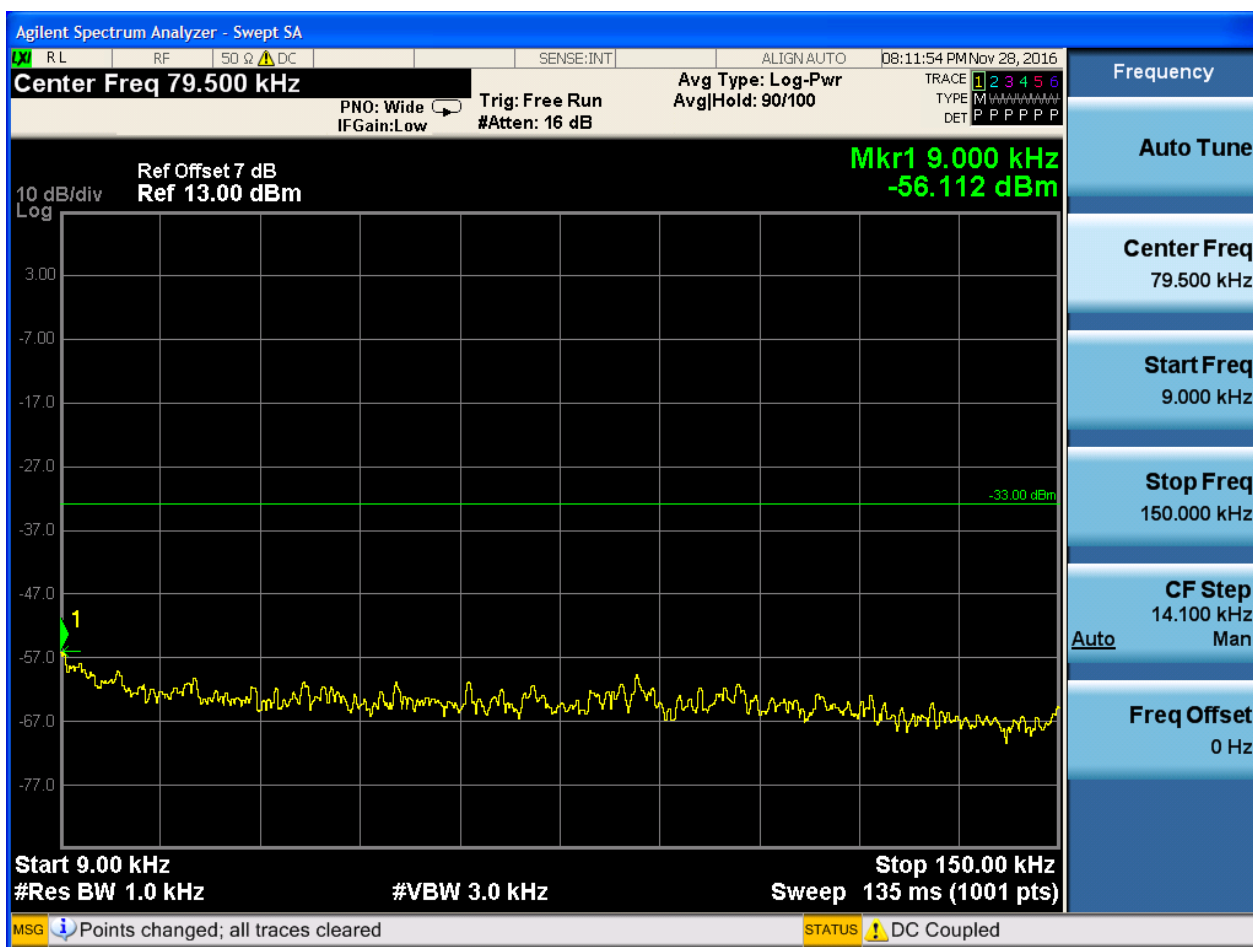




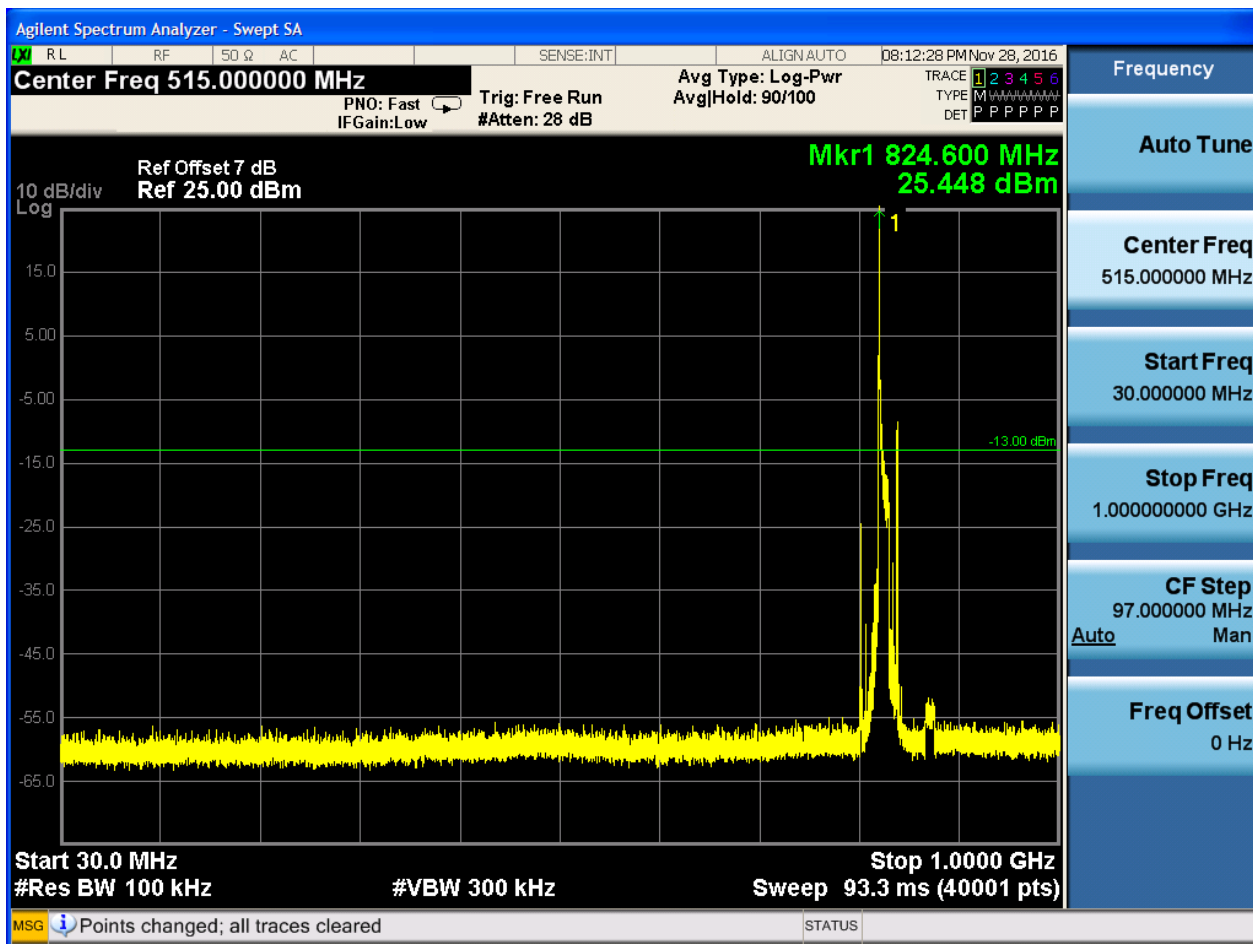
6.1.3.2.4 Test Bandwidth = 10

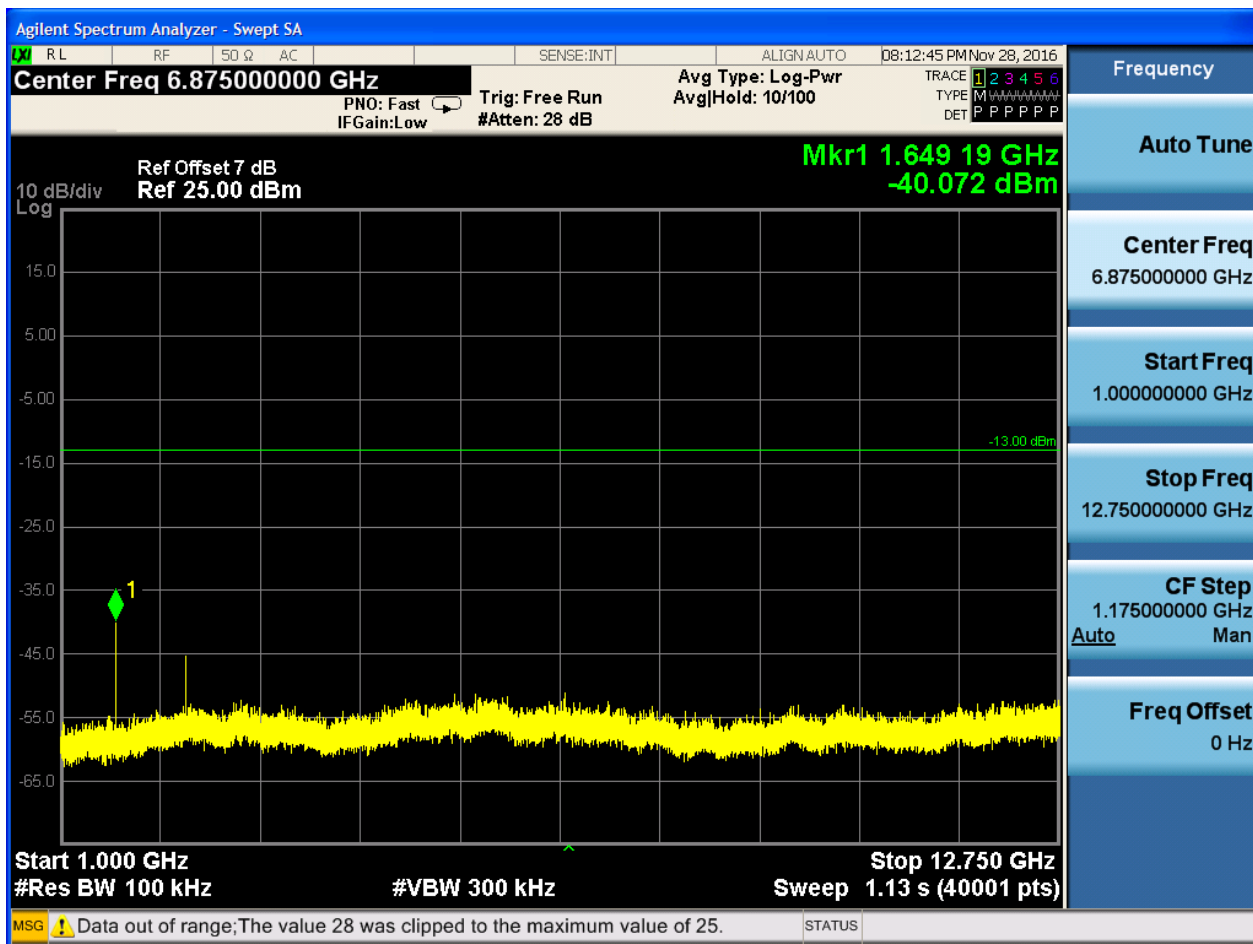
6.1.3.2.4.1 Test Channel = LCH

6.1.3.2.4.1.1 Test RB = RB1#0





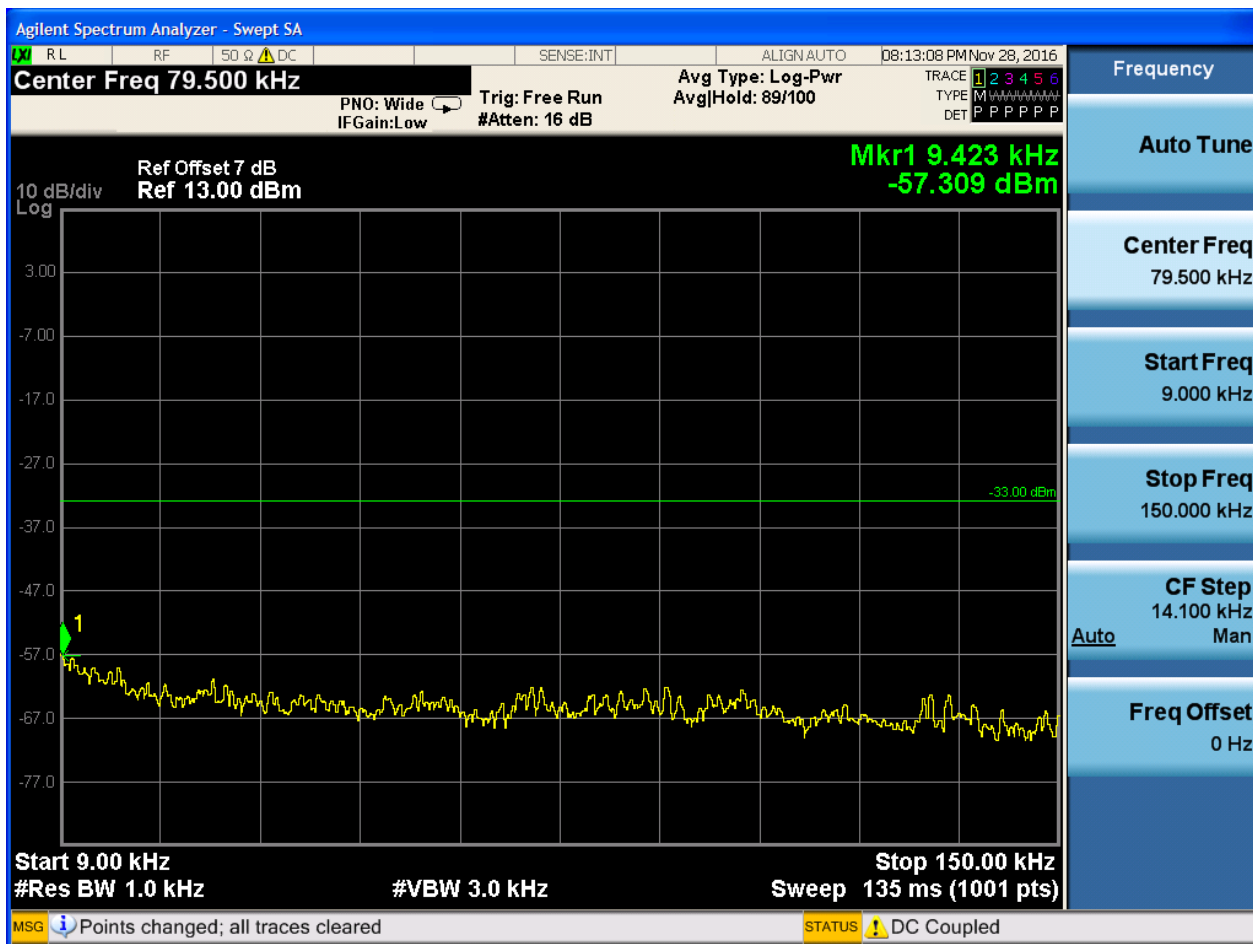


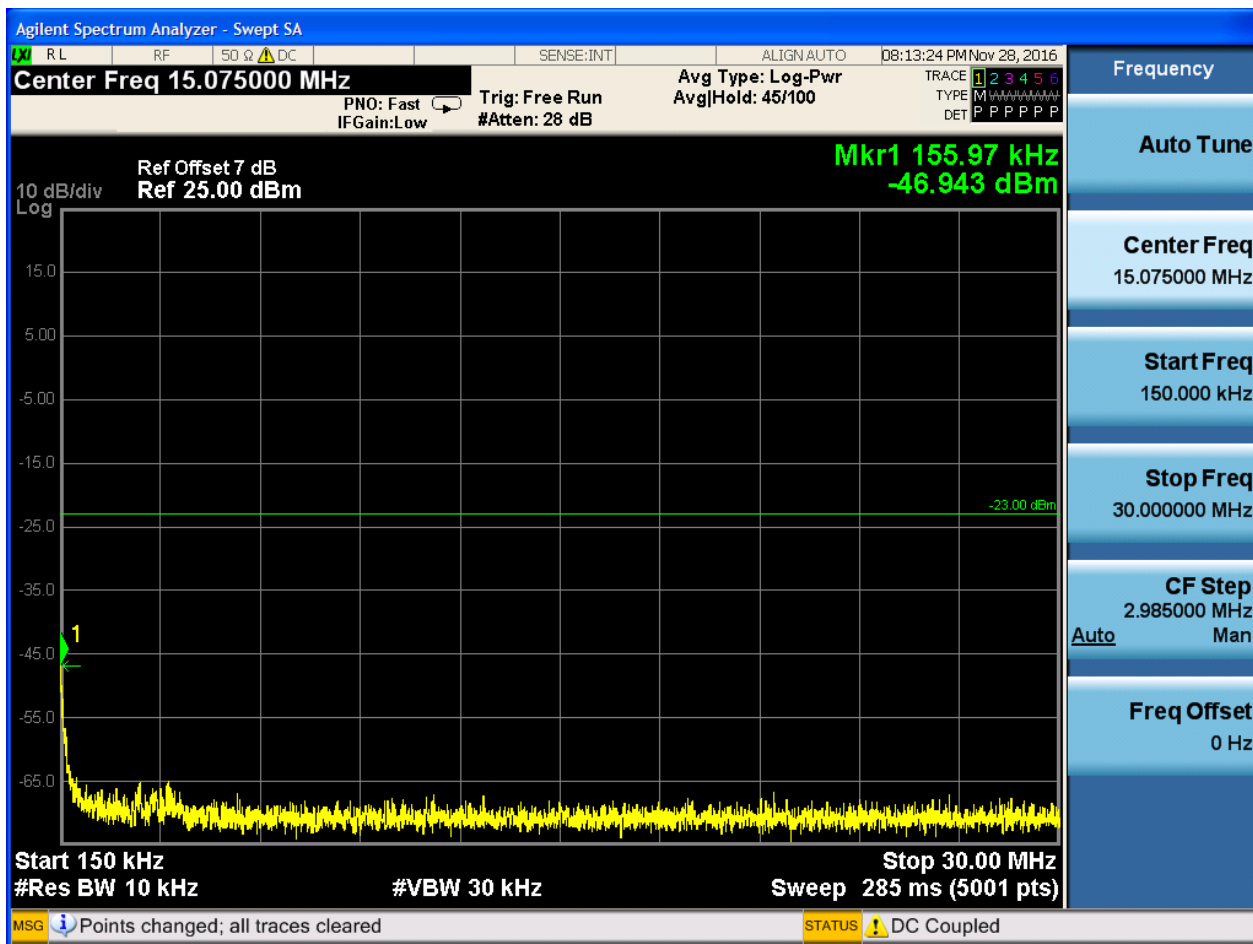


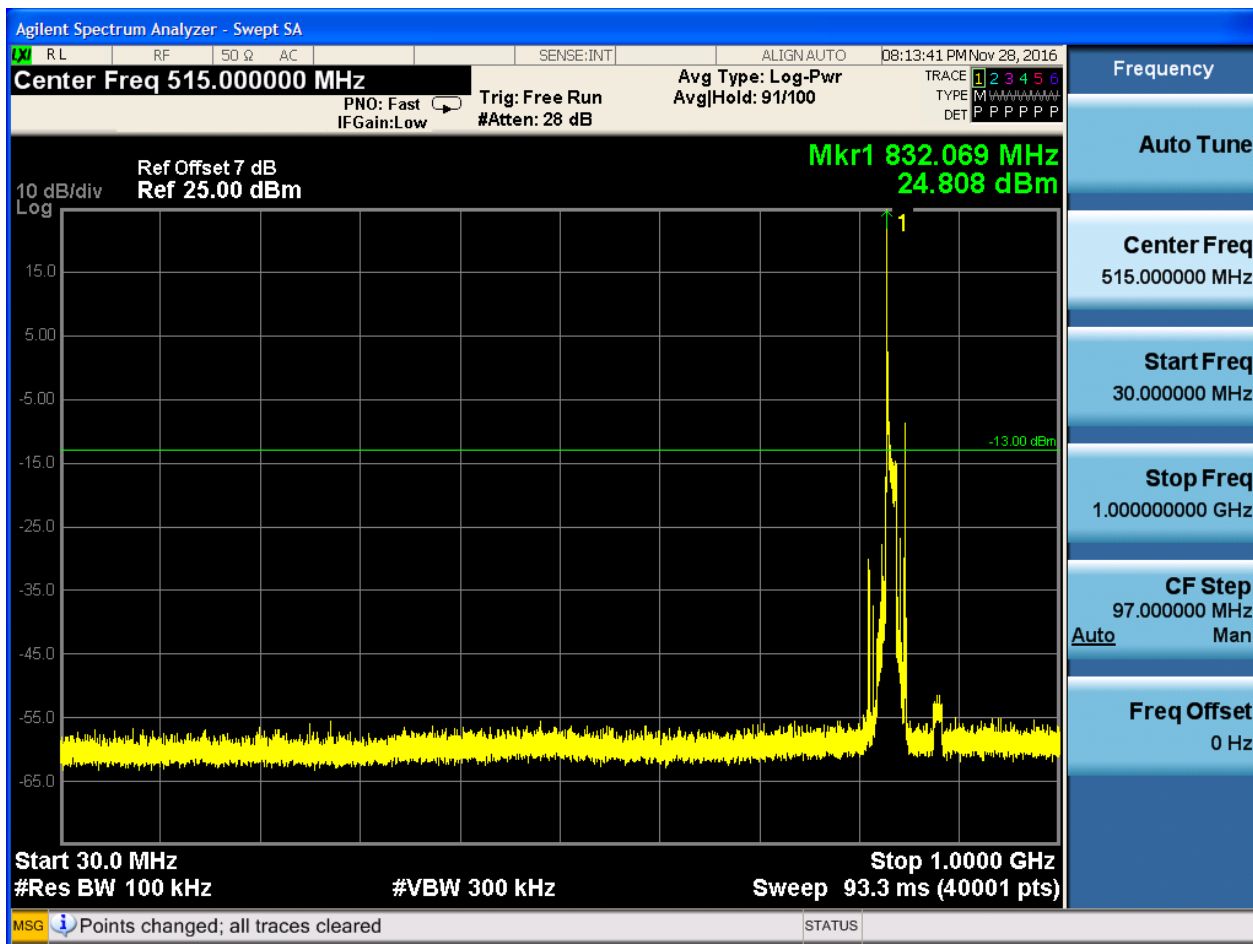


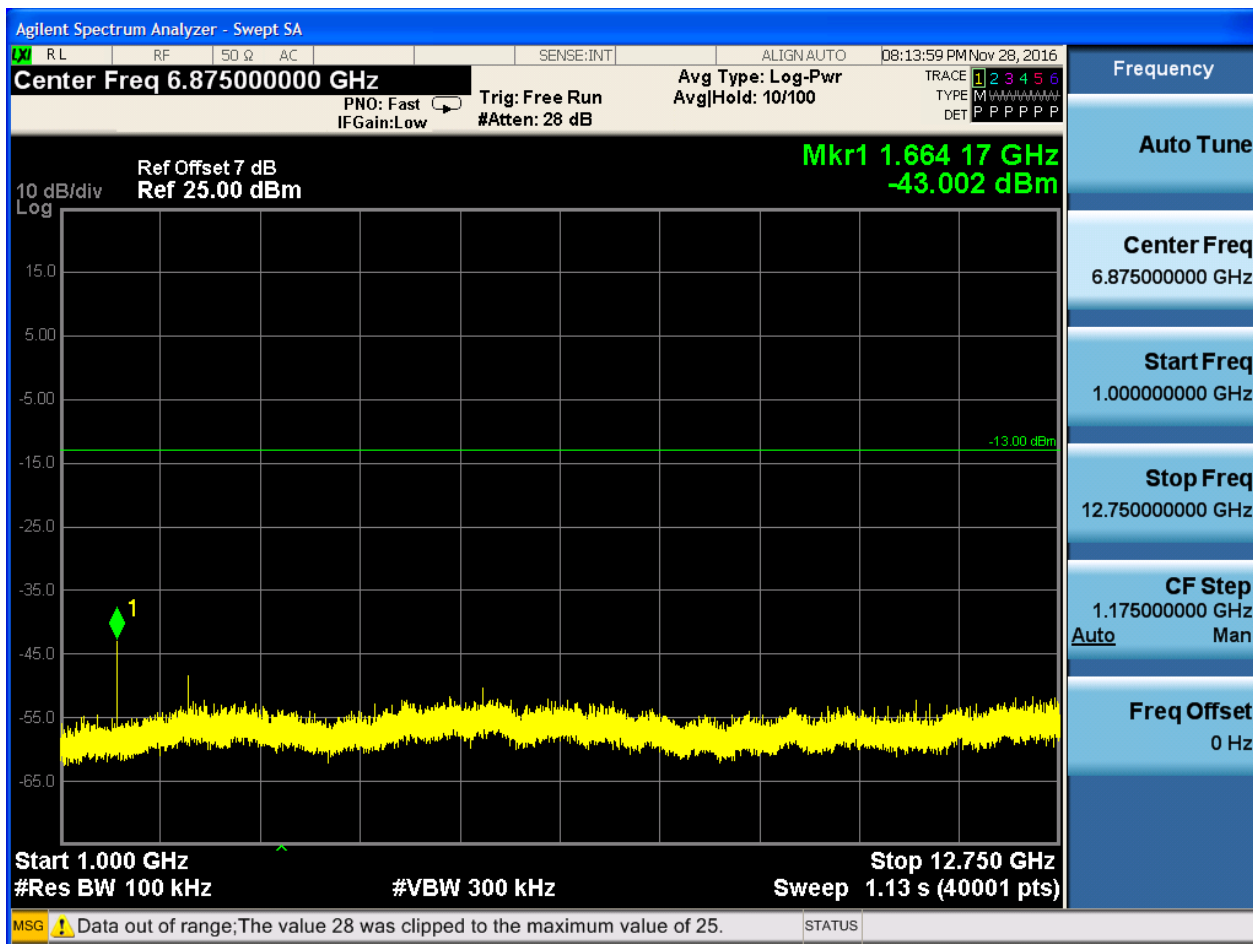
6.1.3.2.4.2 Test Channel = MCH

6.1.3.2.4.2.1 Test RB = RB1#0



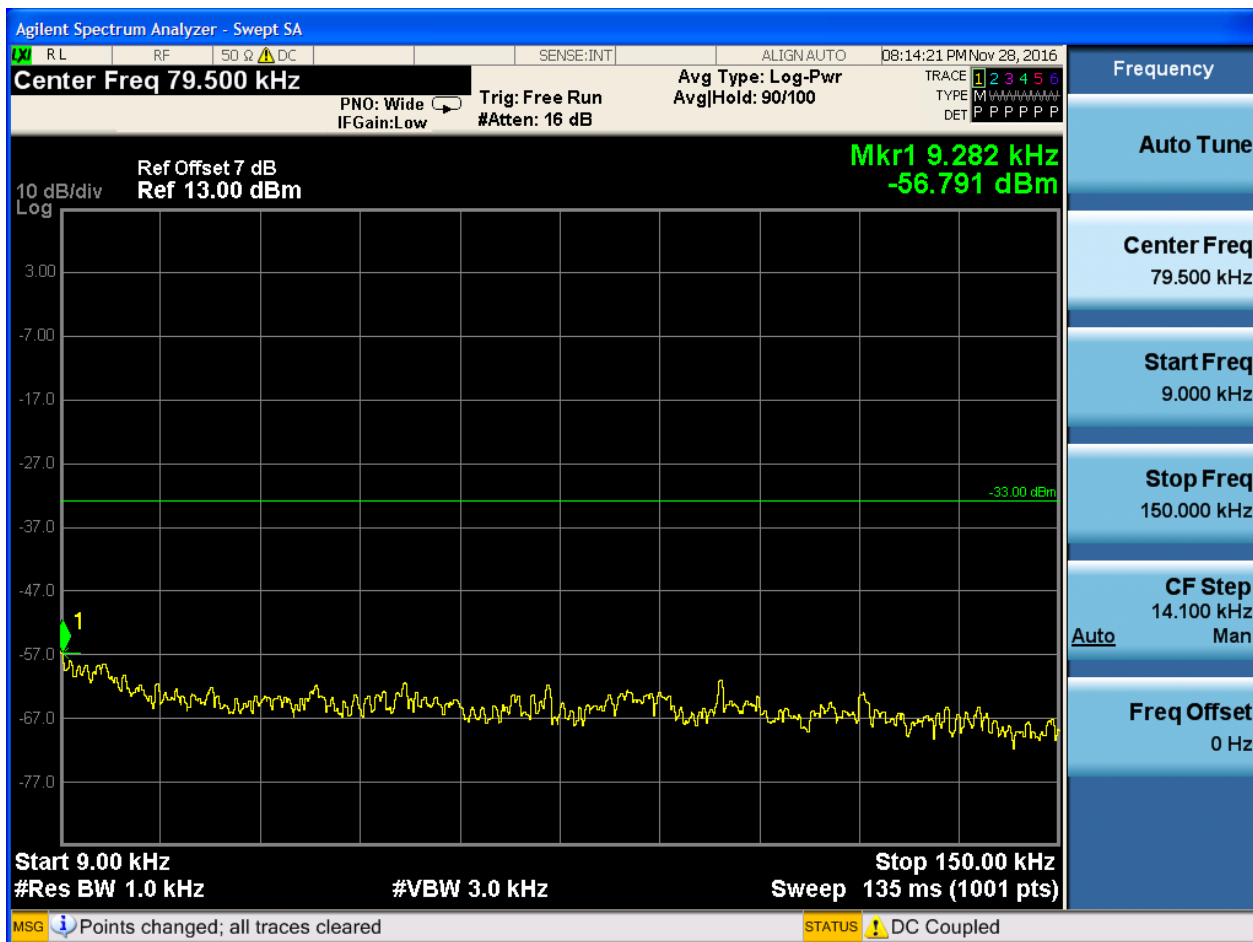


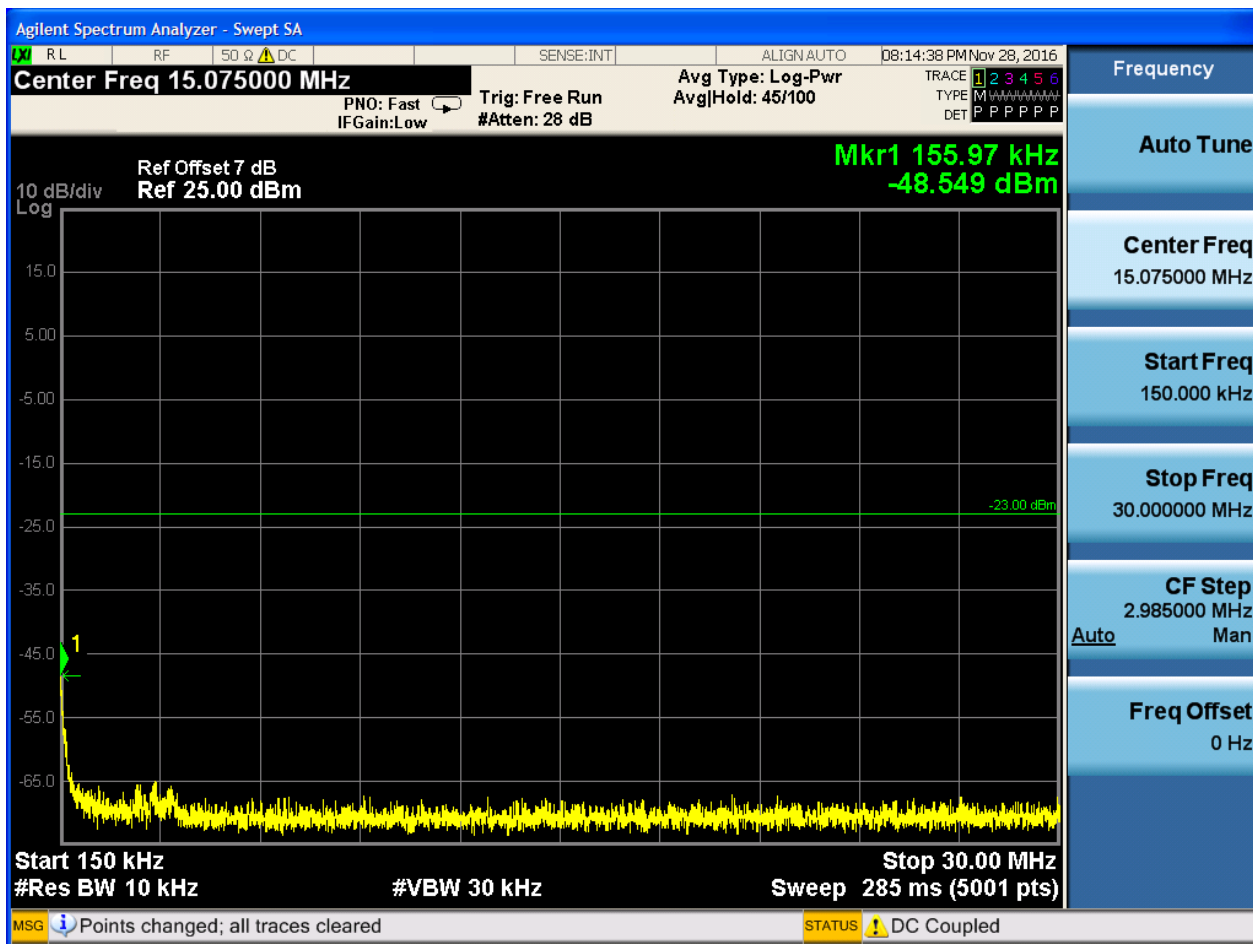


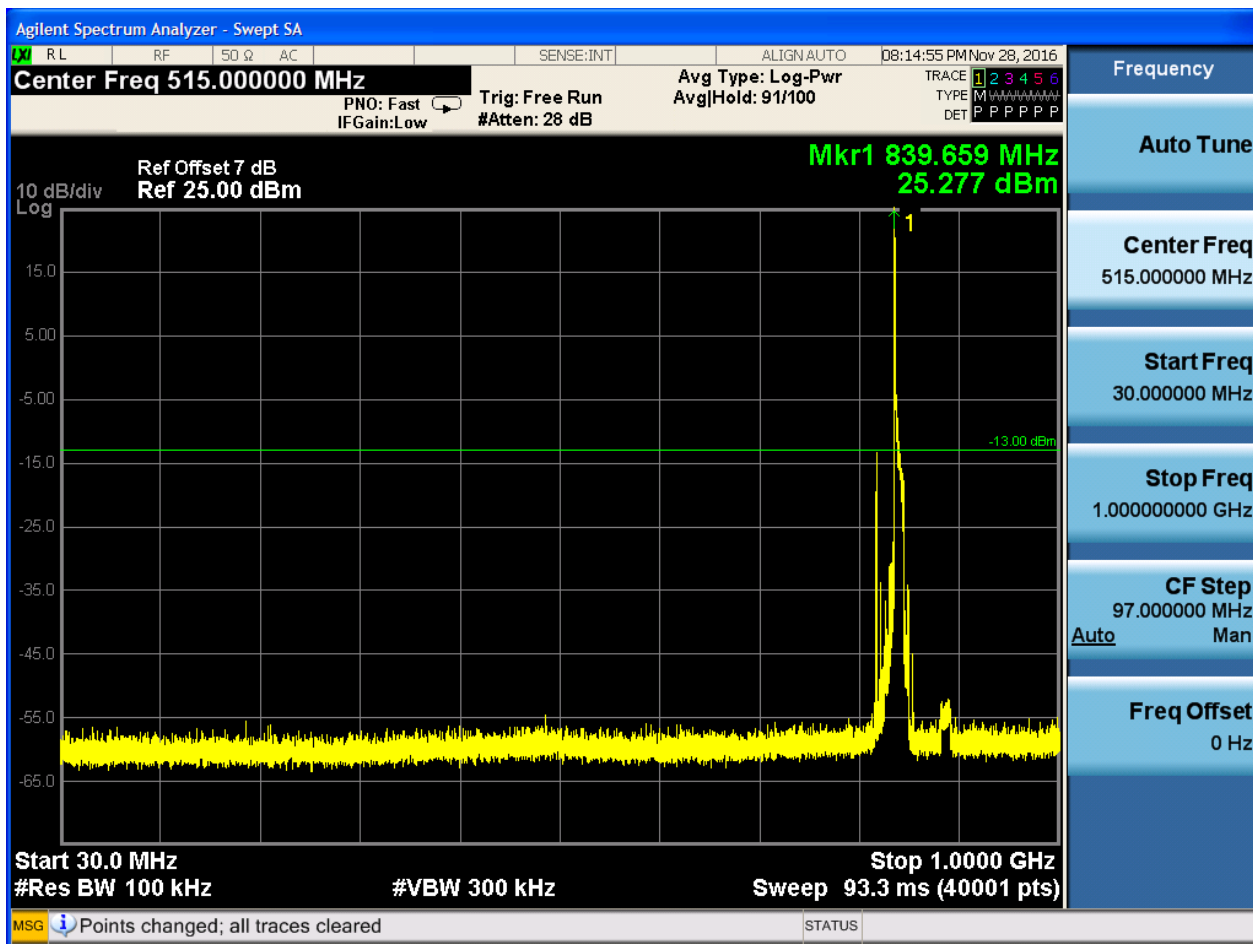


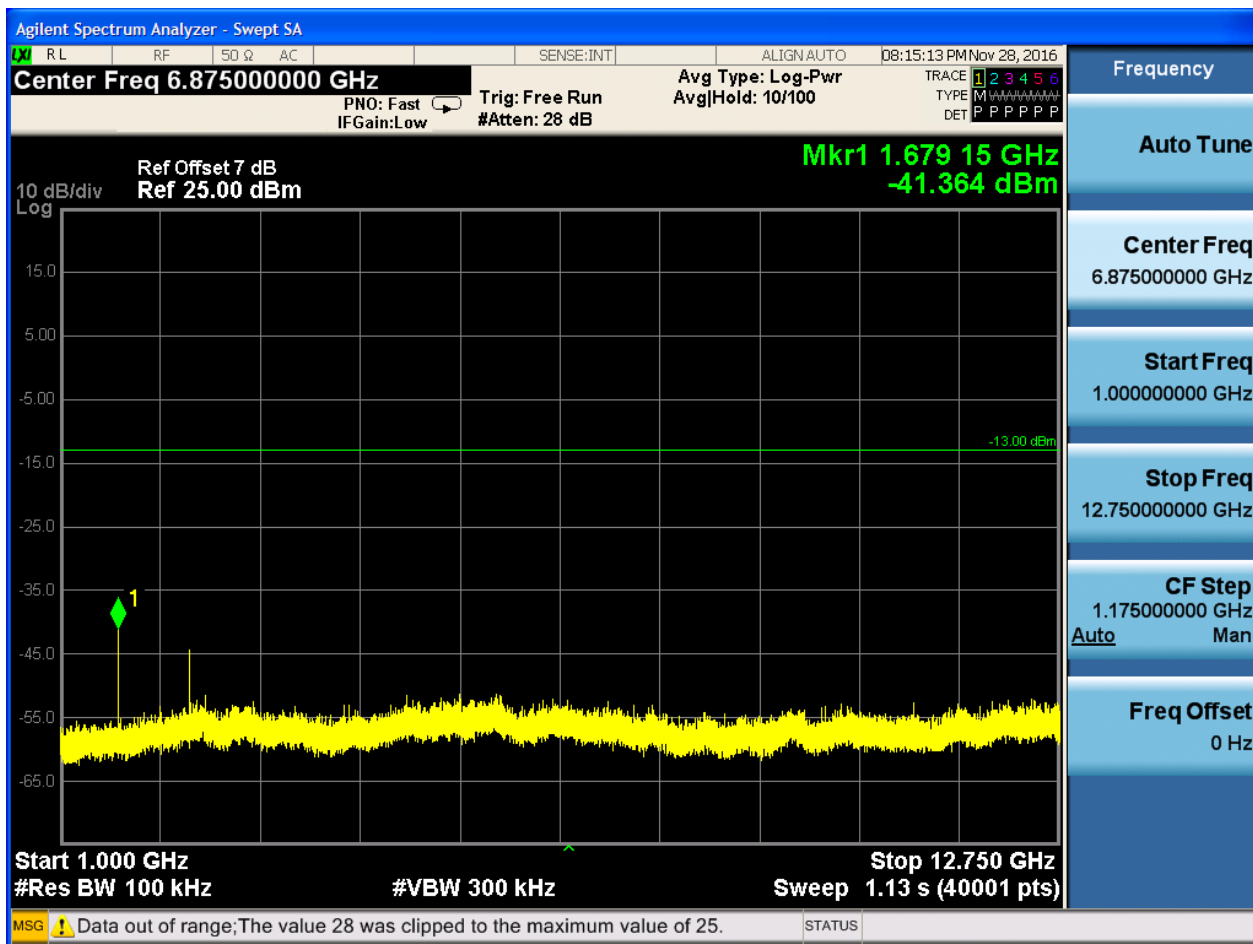
6.1.3.2.4.3 Test Channel = HCH

6.1.3.2.4.3.1 Test RB = RB1#0



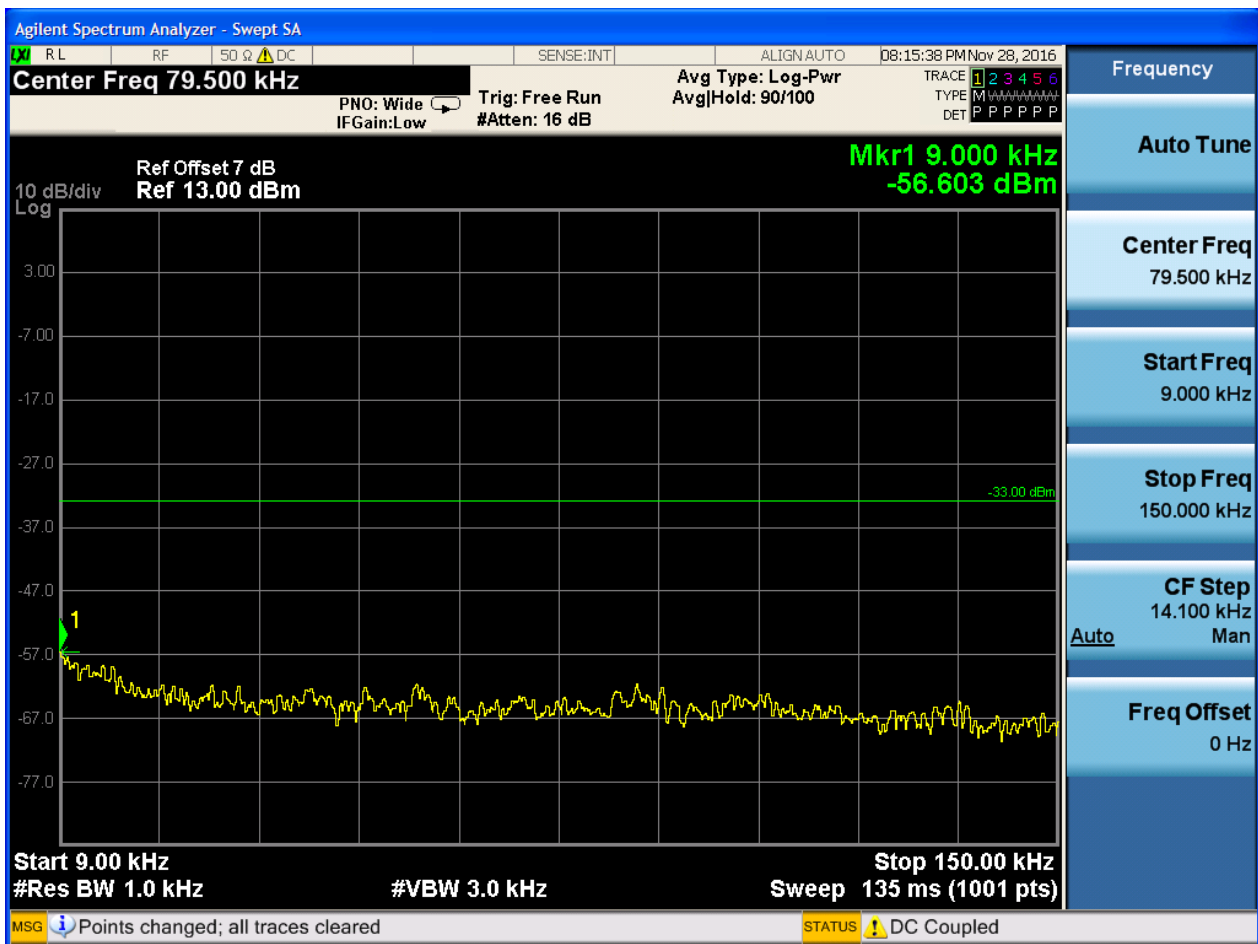




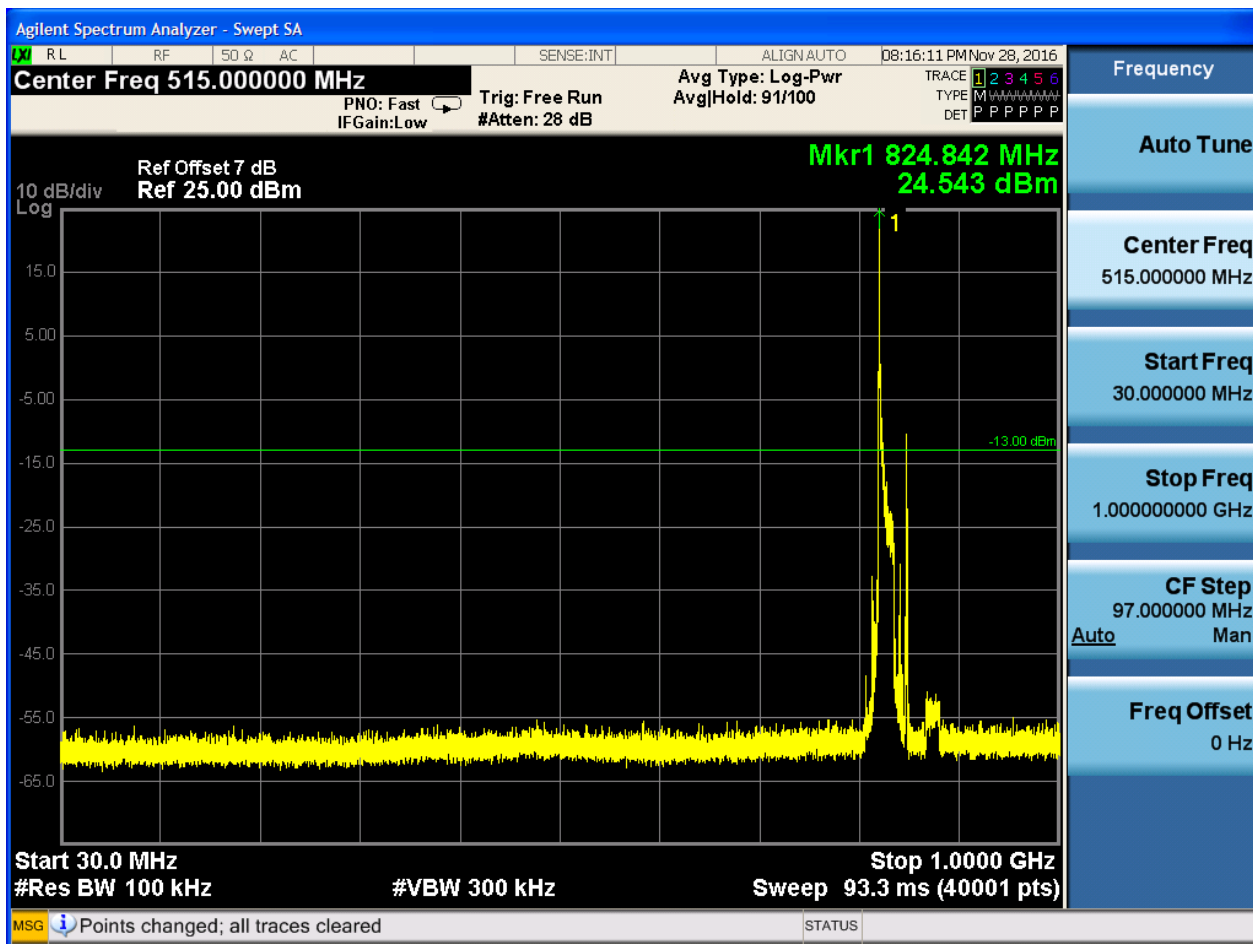


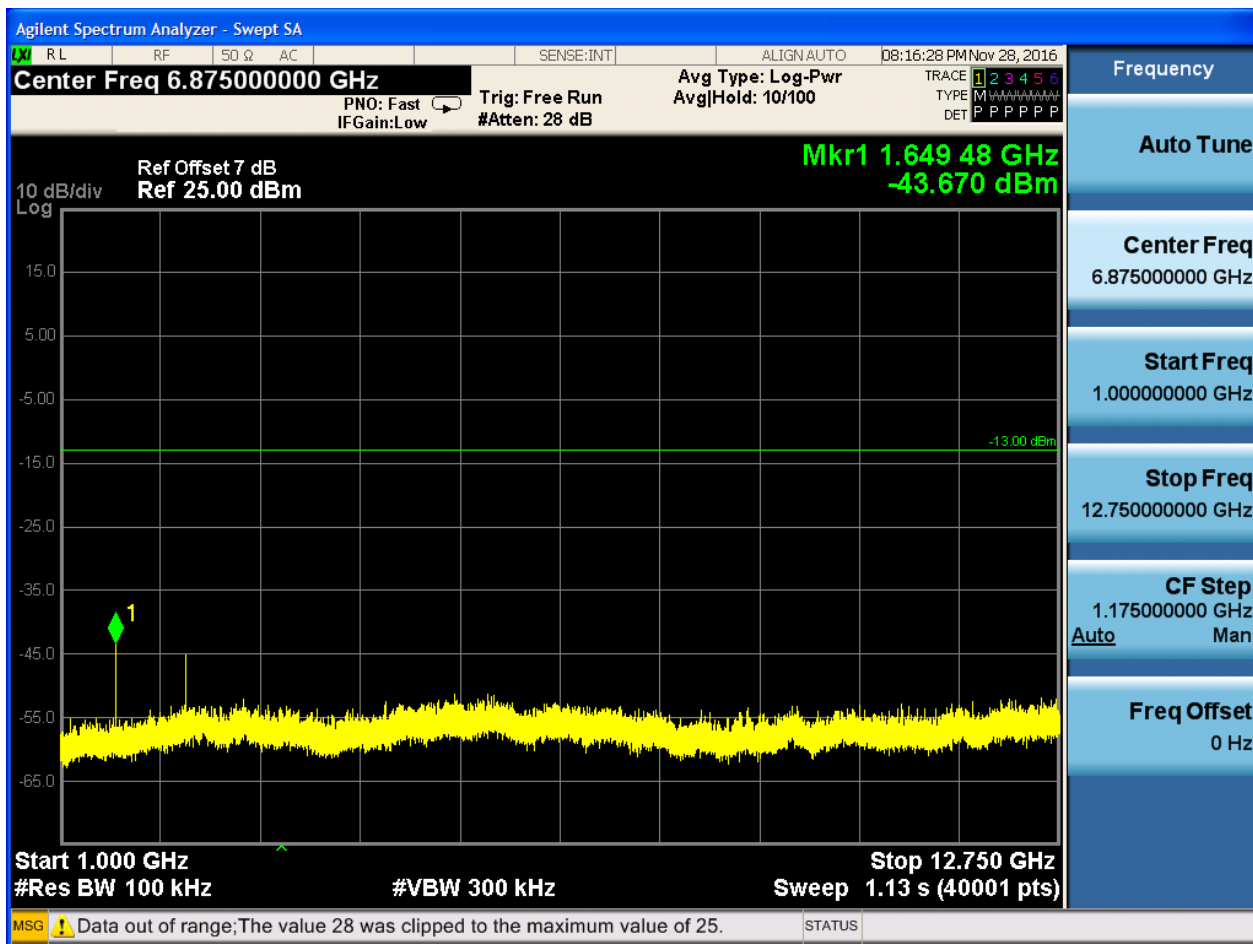


6.1.3.2.5.1.1 Test RB = RB1#0





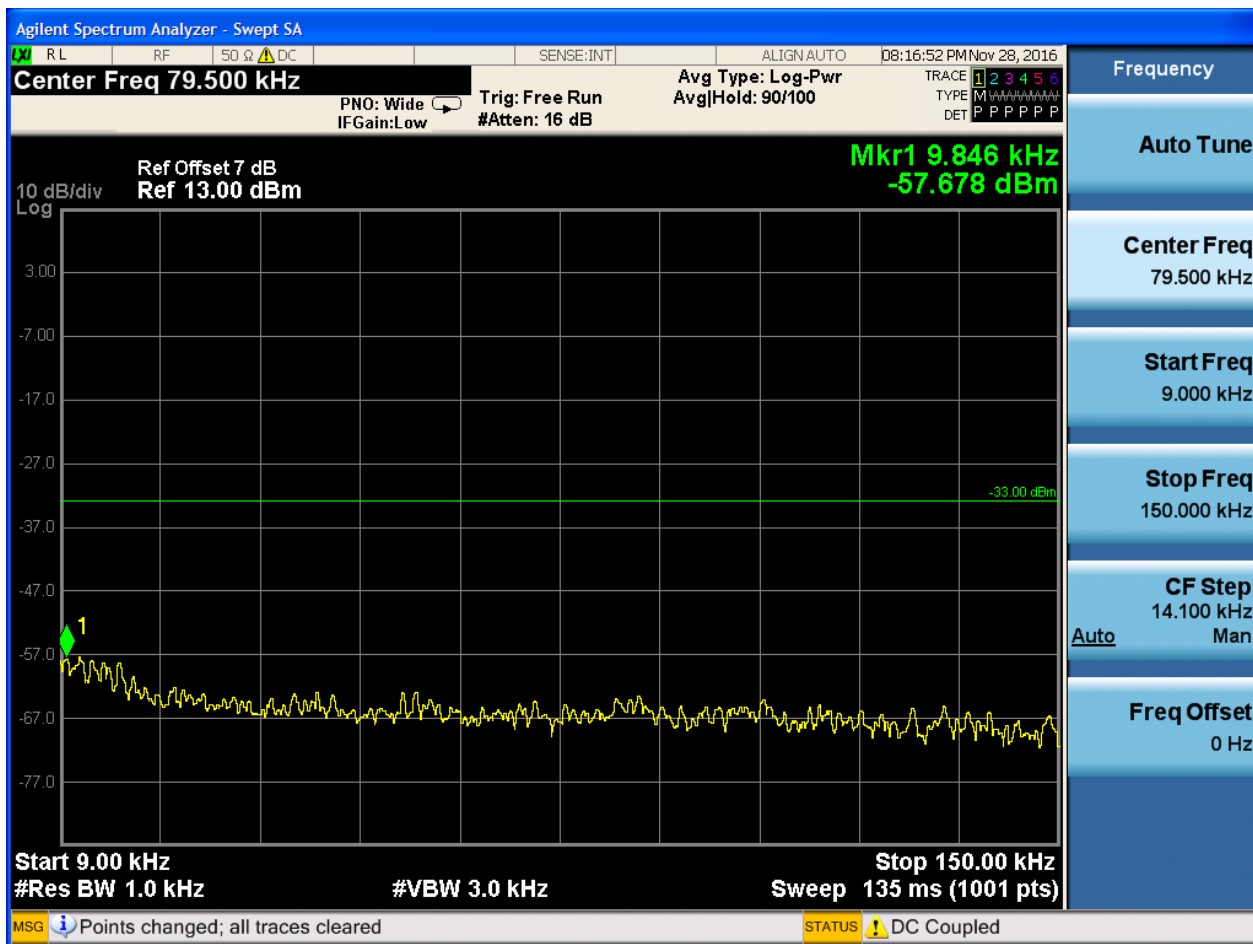




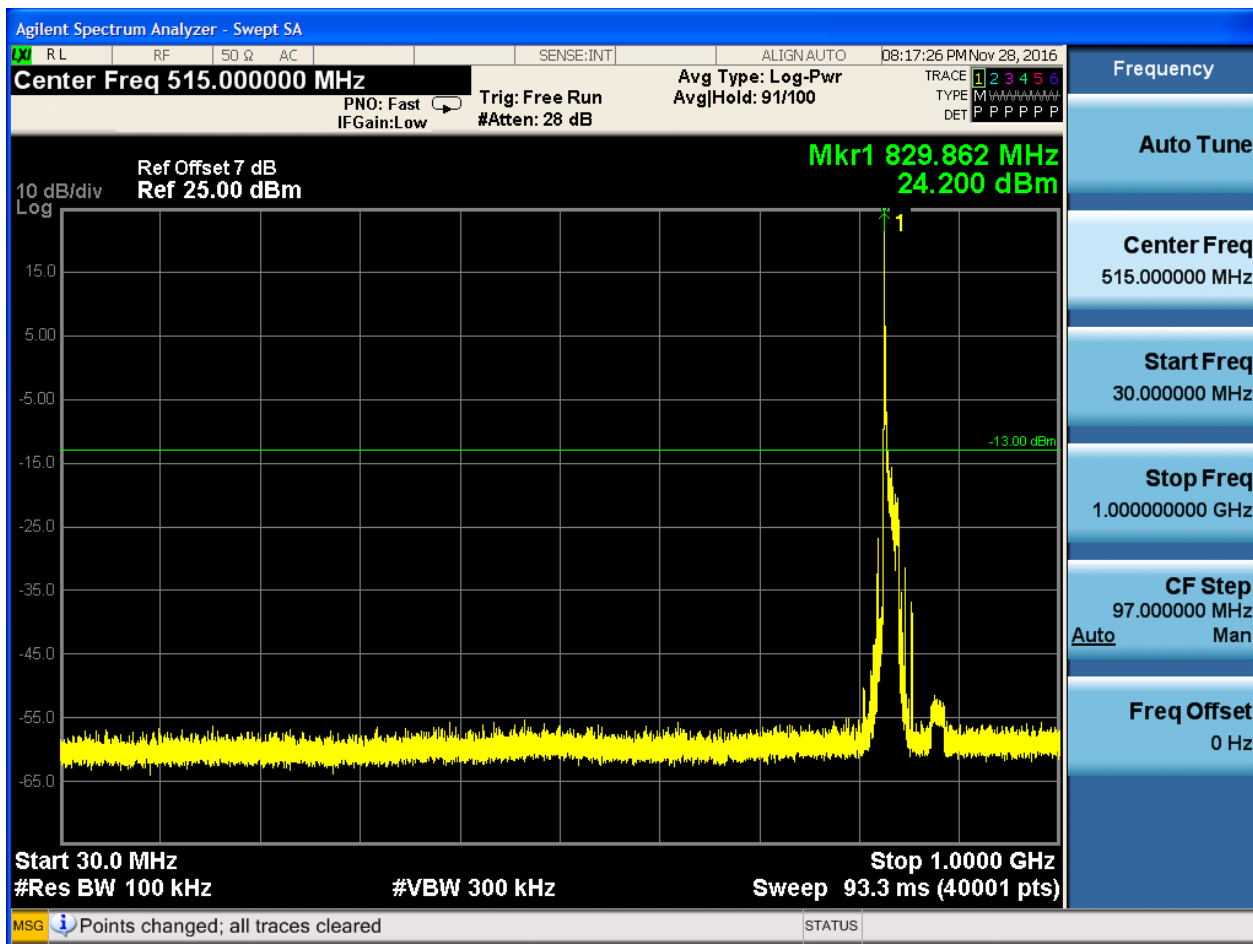


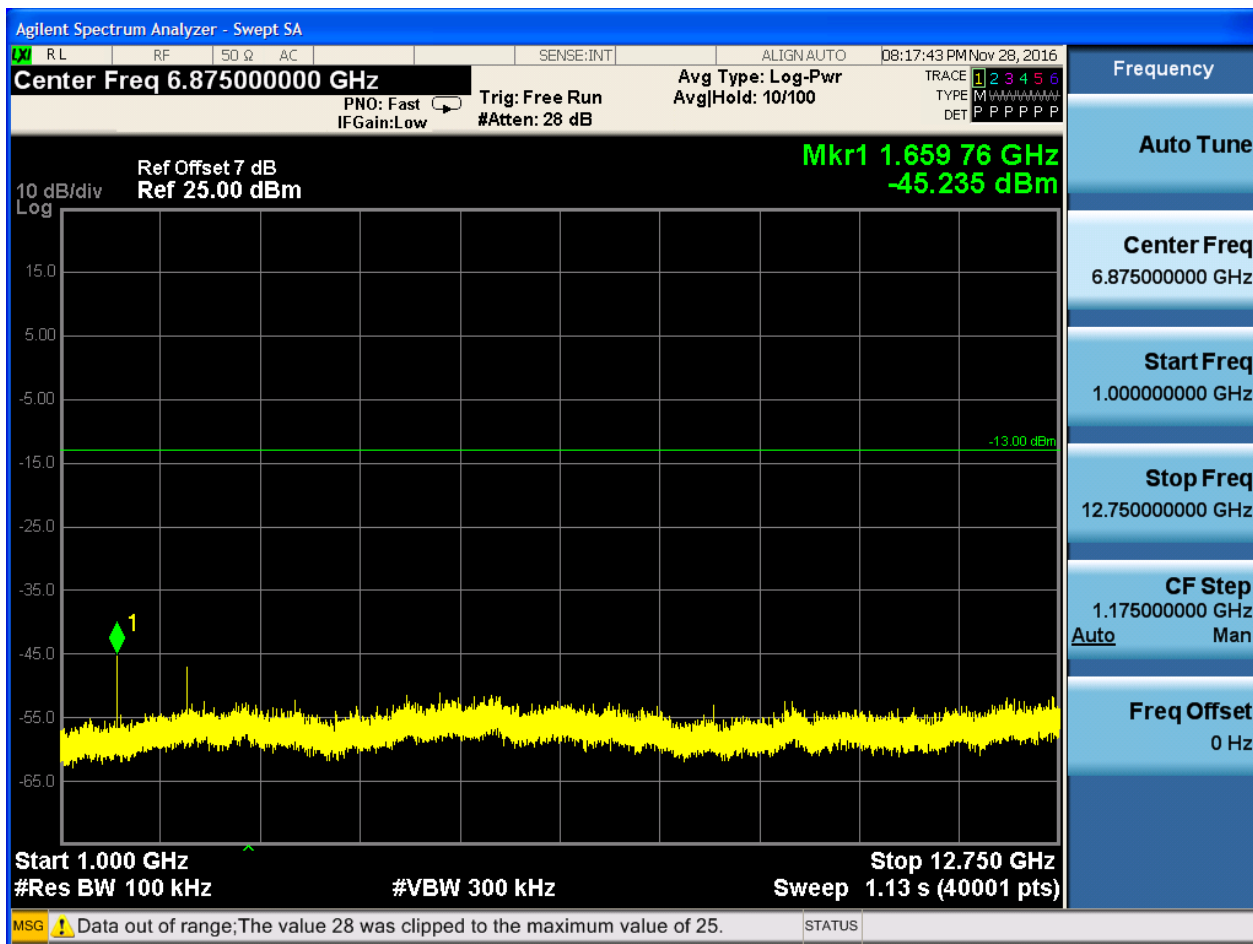
6.1.3.2.5.2 Test Channel = MCH

6.1.3.2.5.2.1 Test RB = RB1#0





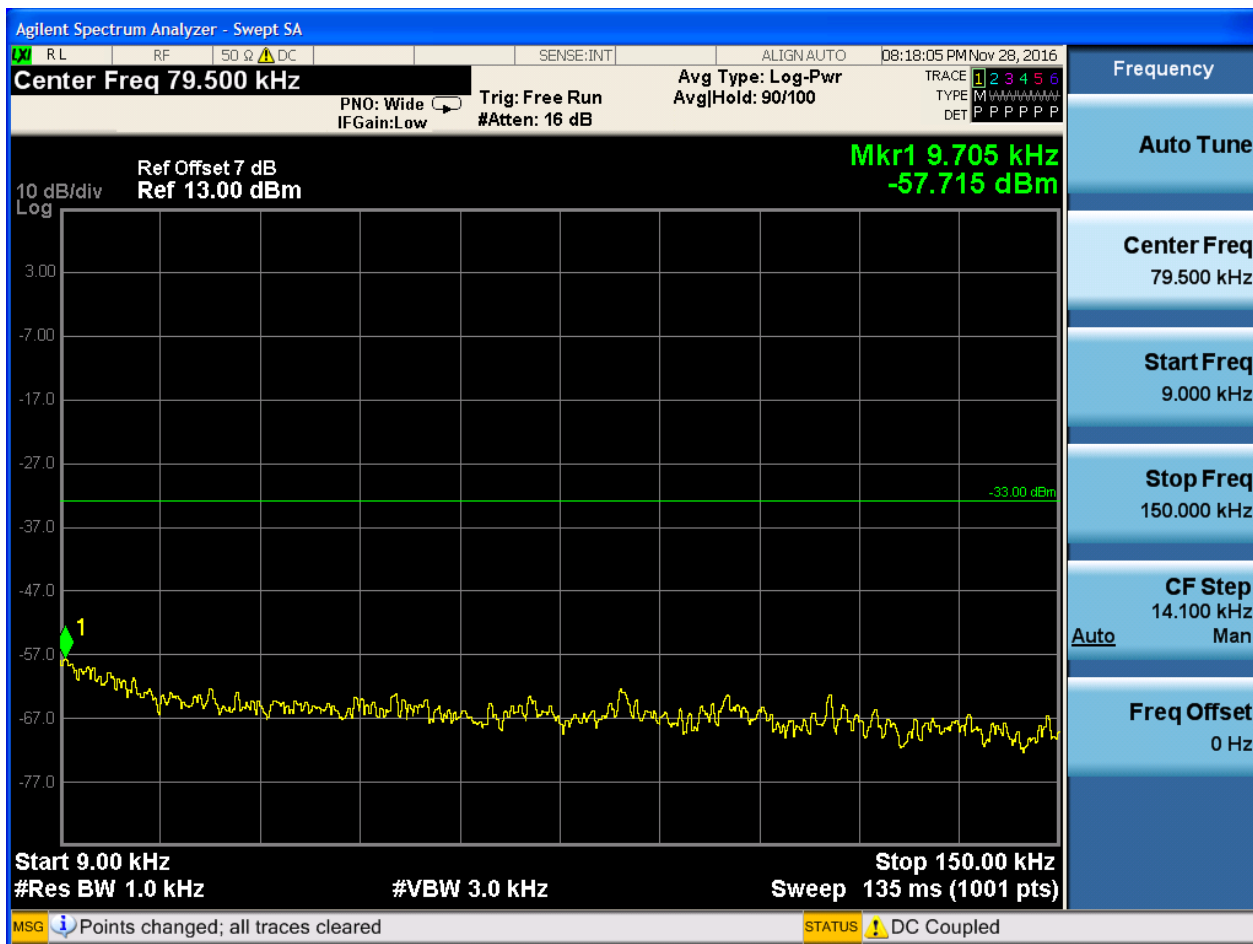


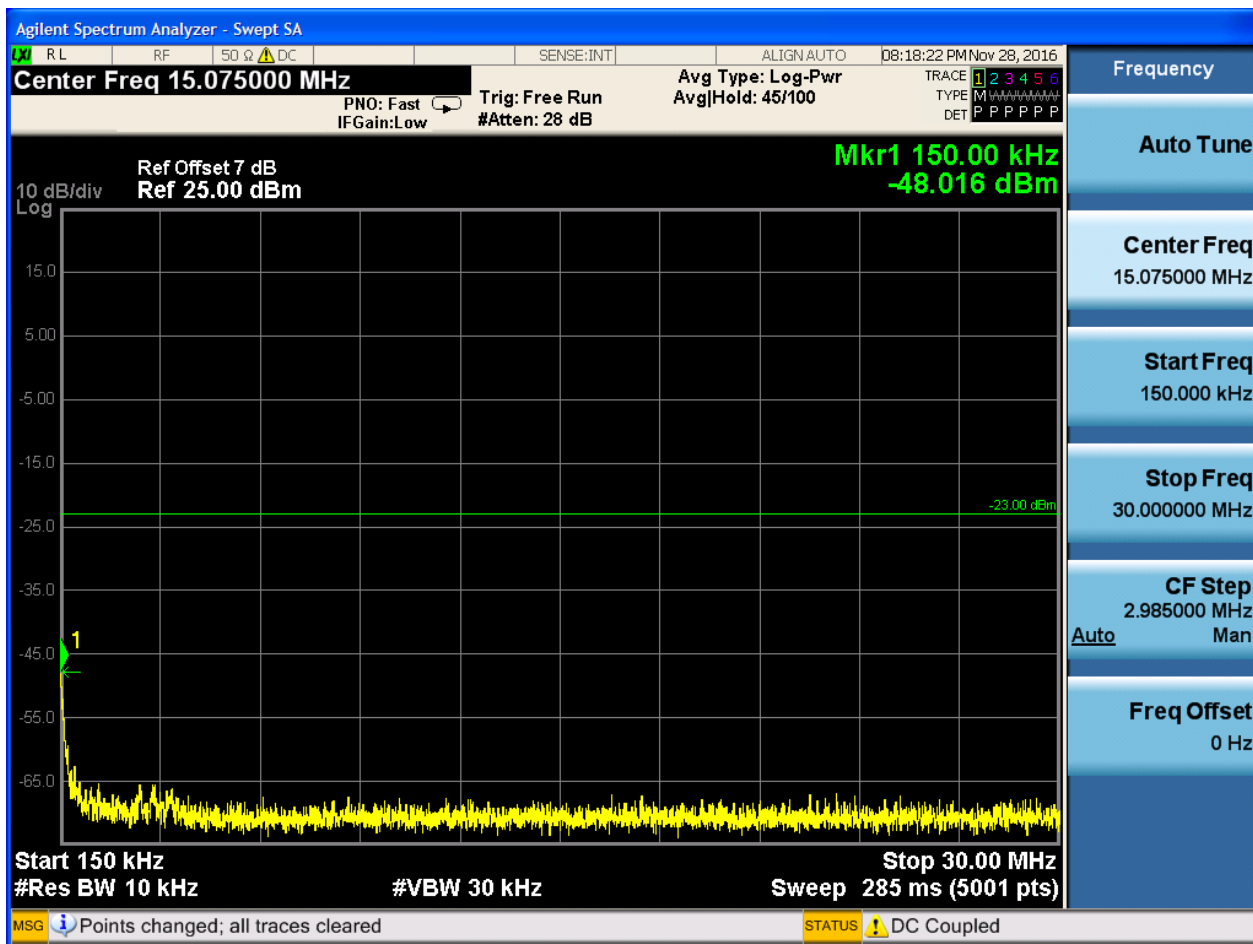


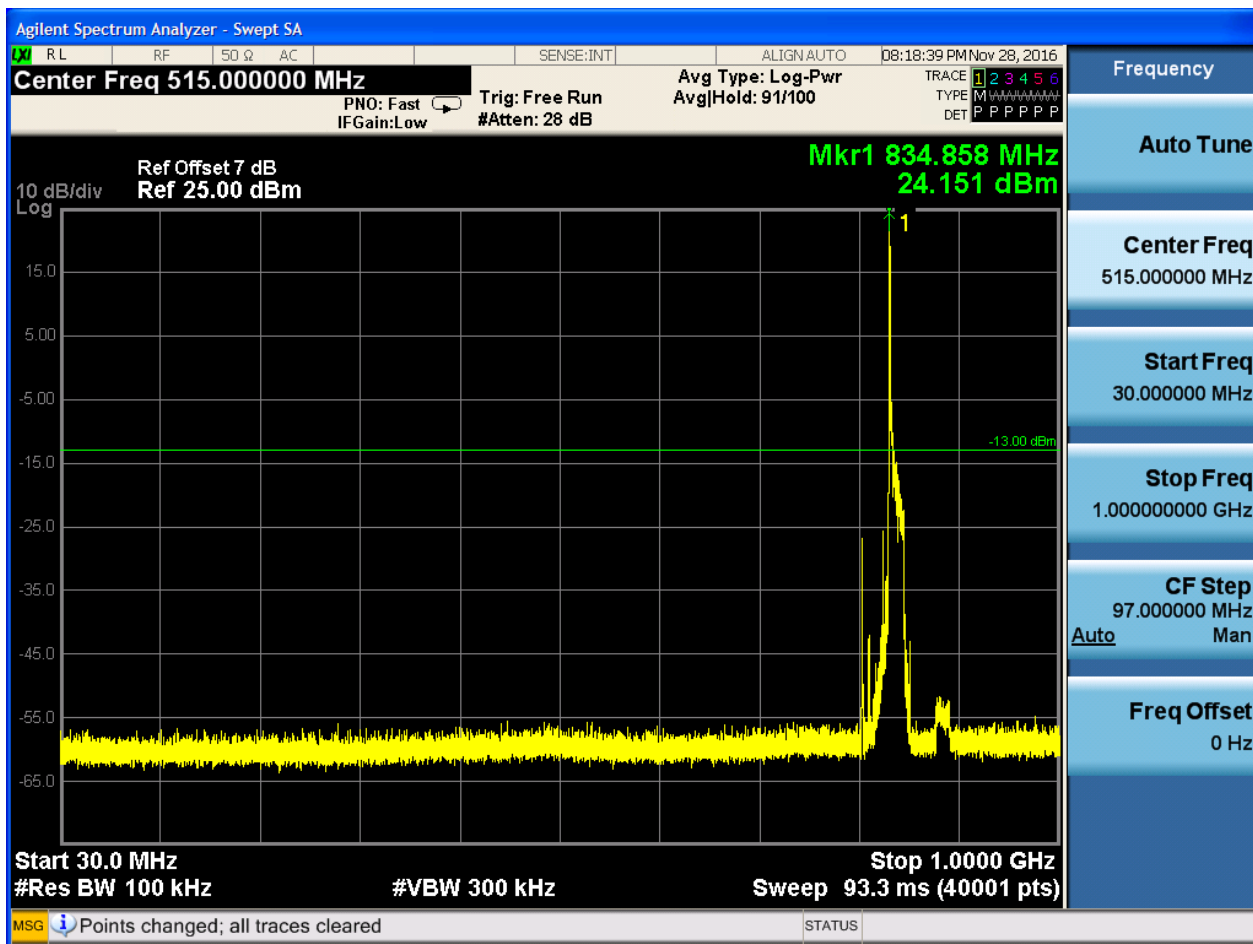


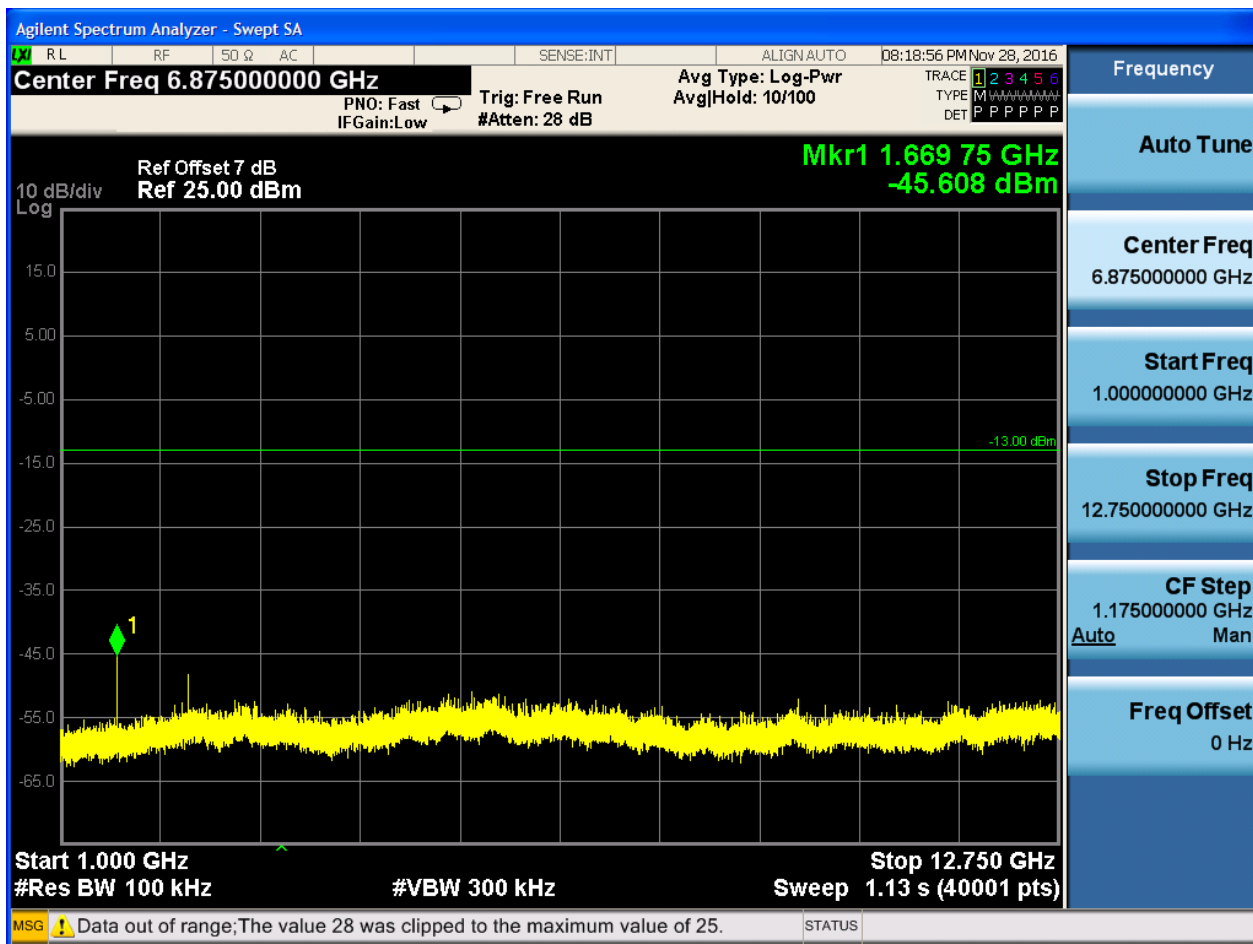
6.1.3.2.5.3 Test Channel = HCH

6.1.3.2.5.3.1 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

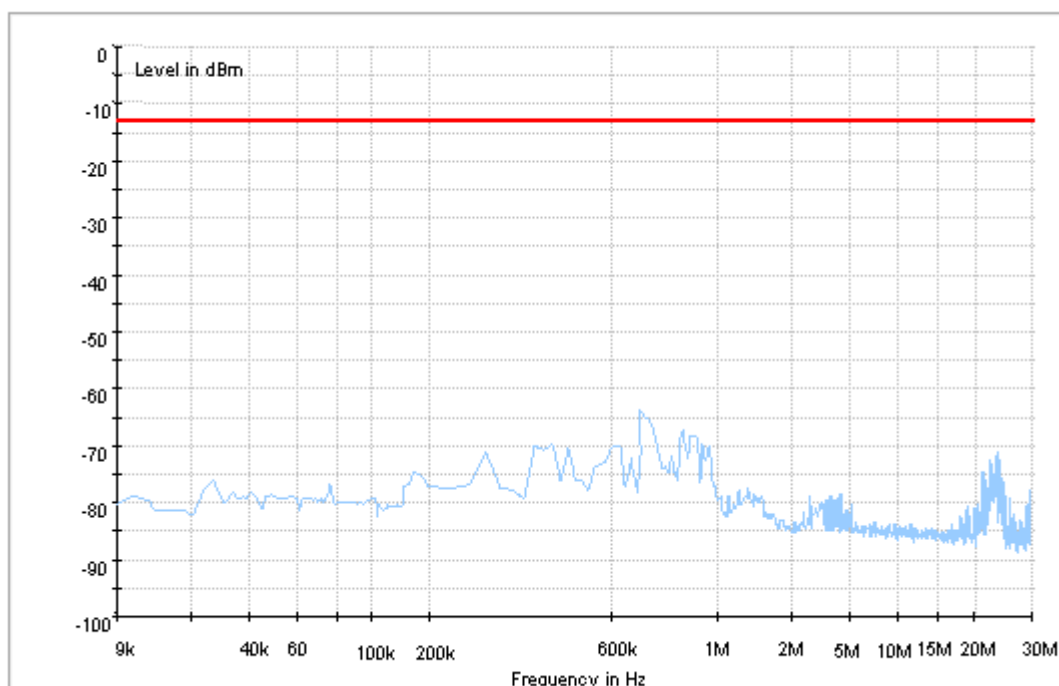
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

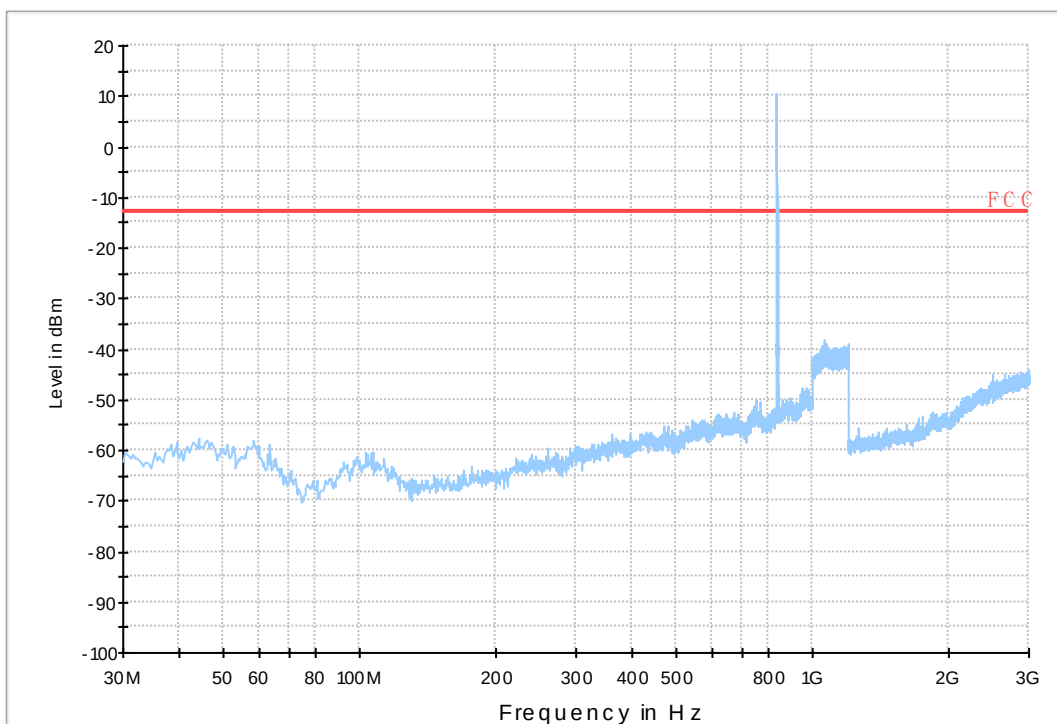
7.1 For LTE

7.1.1 Test Band = BAND26_ANT1

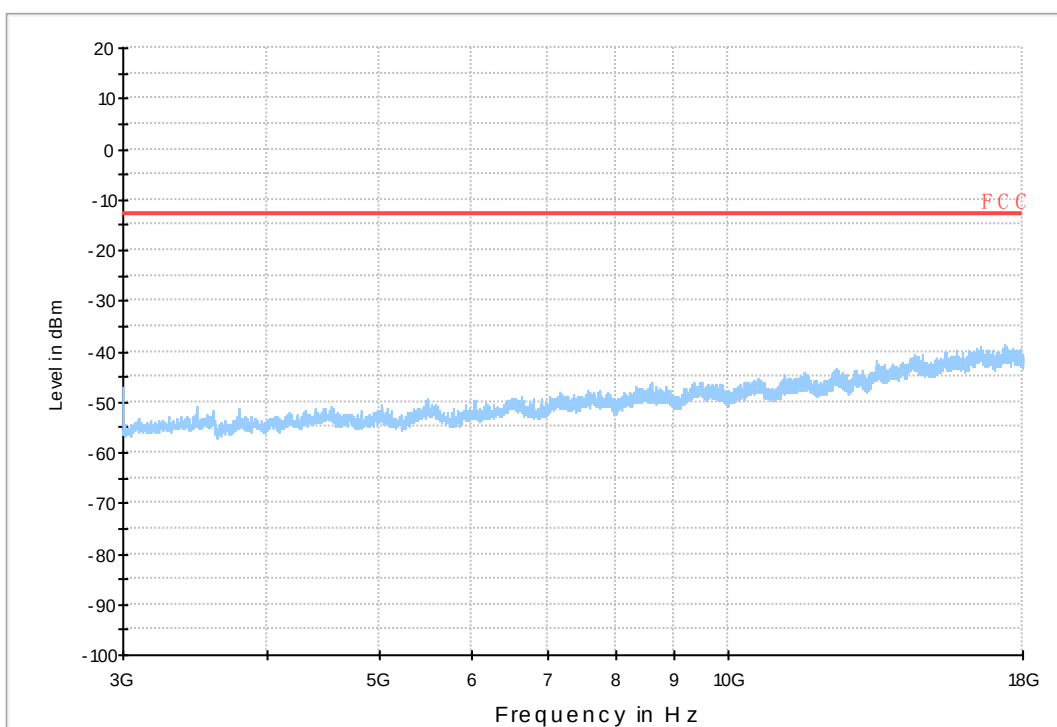
7.1.1.1 Test Bandwidth = 1.4



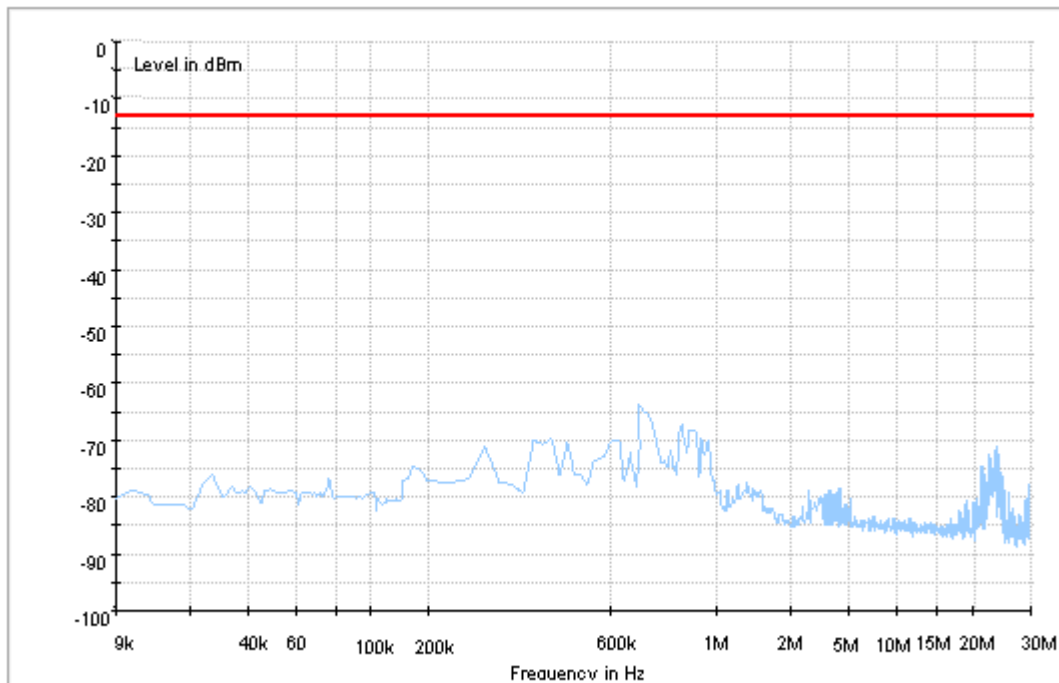
Copy of RSE-TX-DIRECTOR BELOW 1G_L



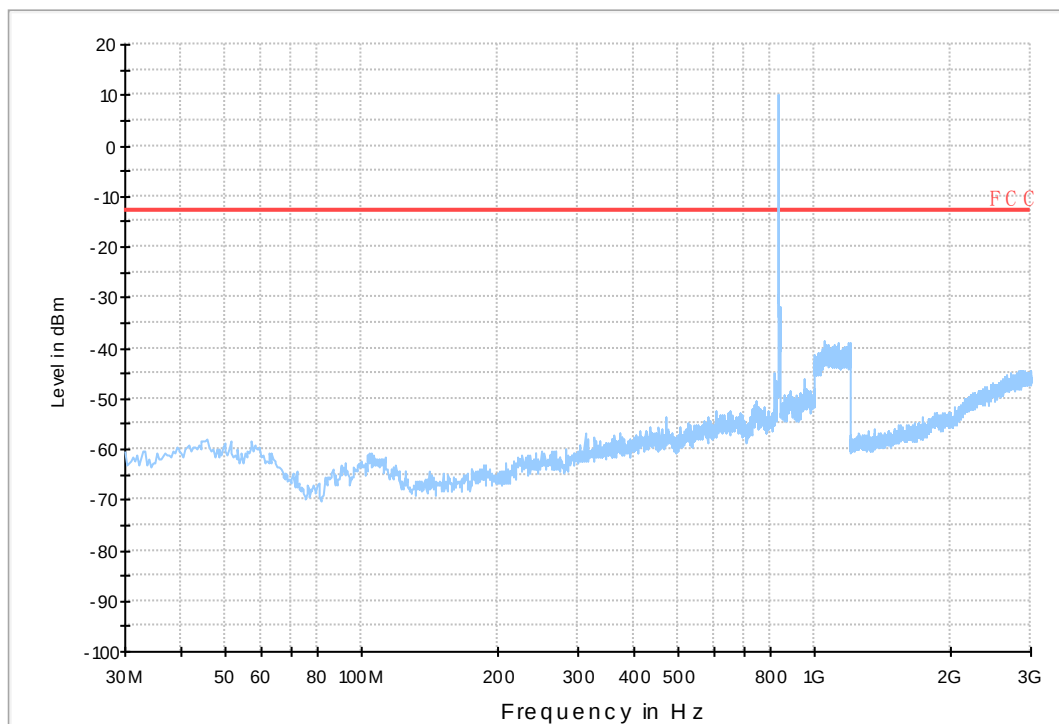
Copy of RSE-TX-DIRECTOR BELOW 1G_H



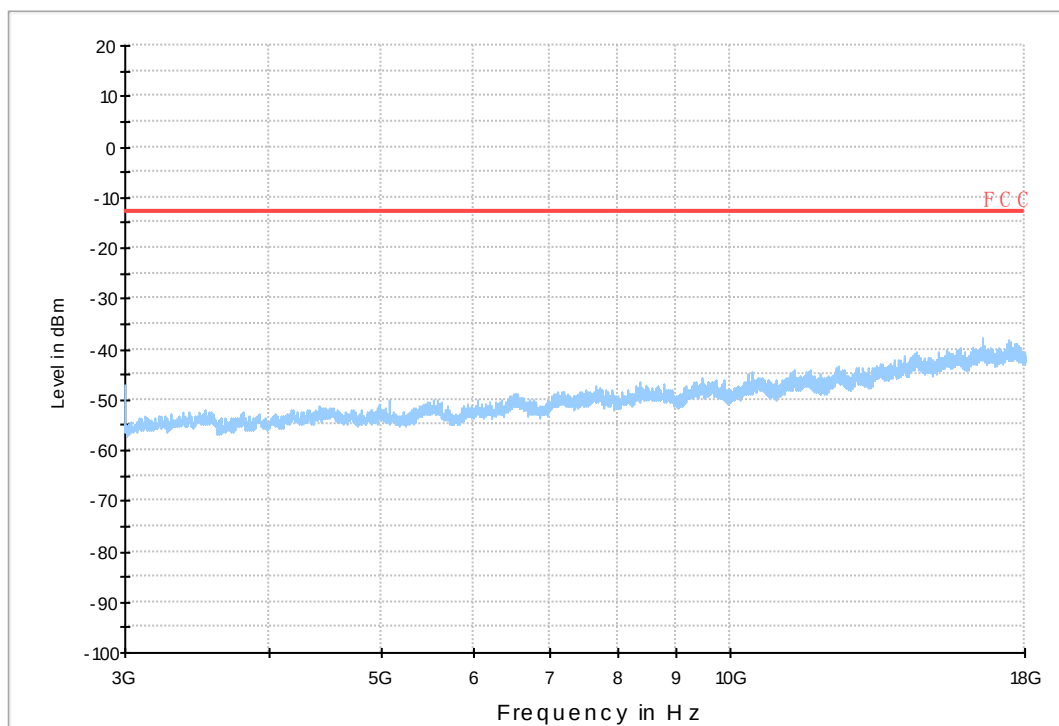
7.1.1.2 Test Bandwidth = 15



Copy of RSE-TX-DIRECTOR BELOW 1G_L

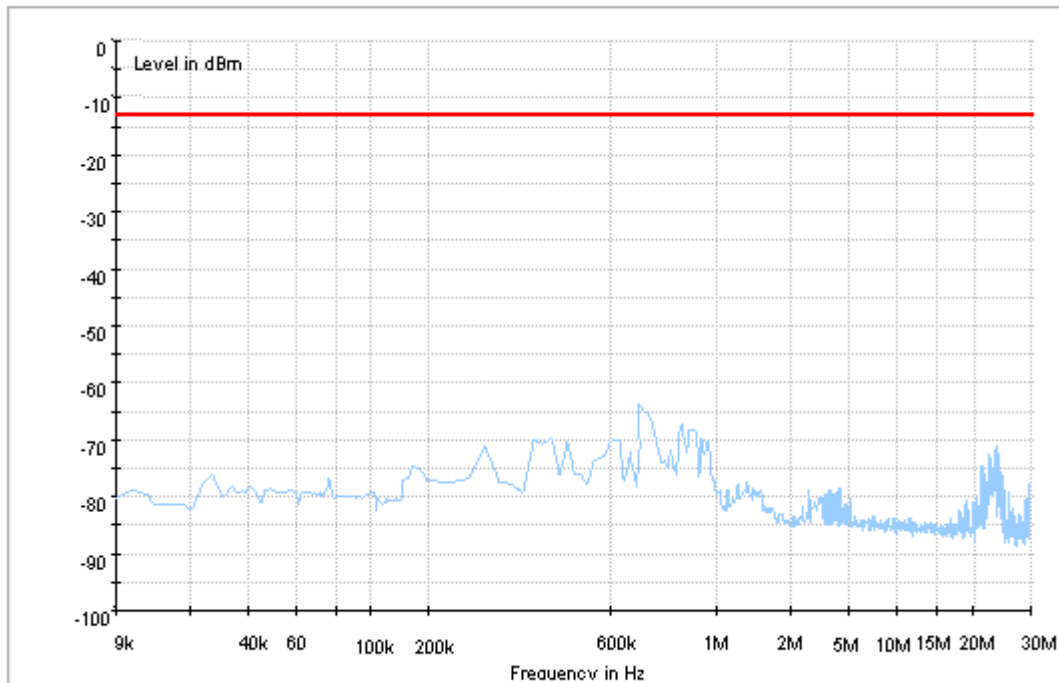


Copy of RSE-TX-DIRECTOR BELOW 1G_H

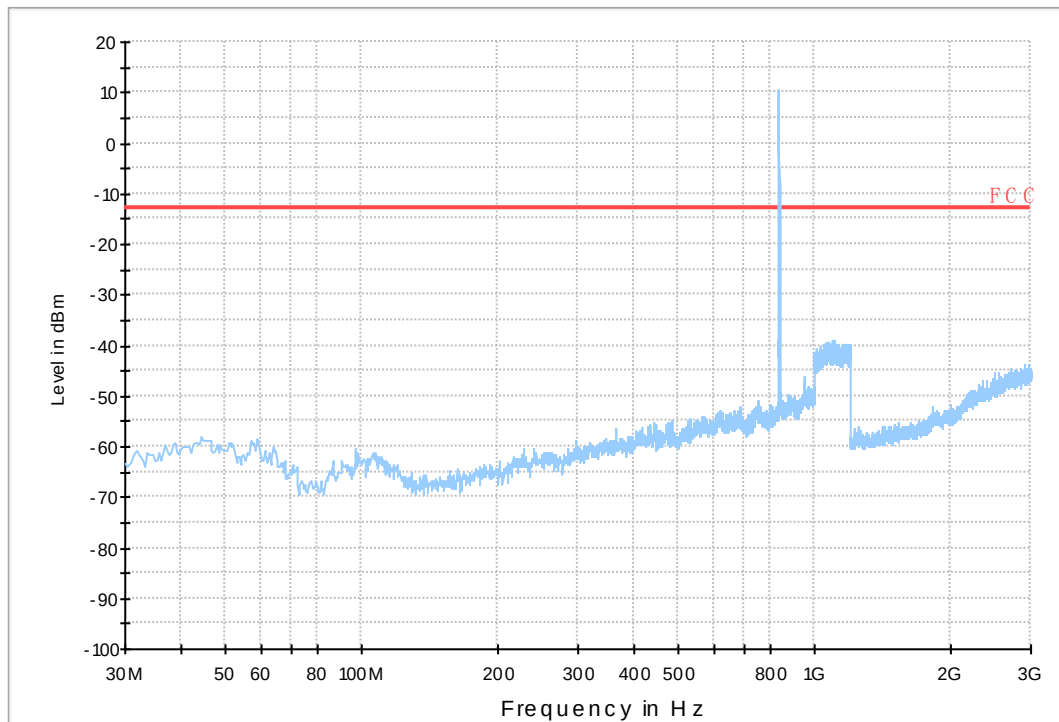


7.1.2 Test Band = BAND26_ANT2

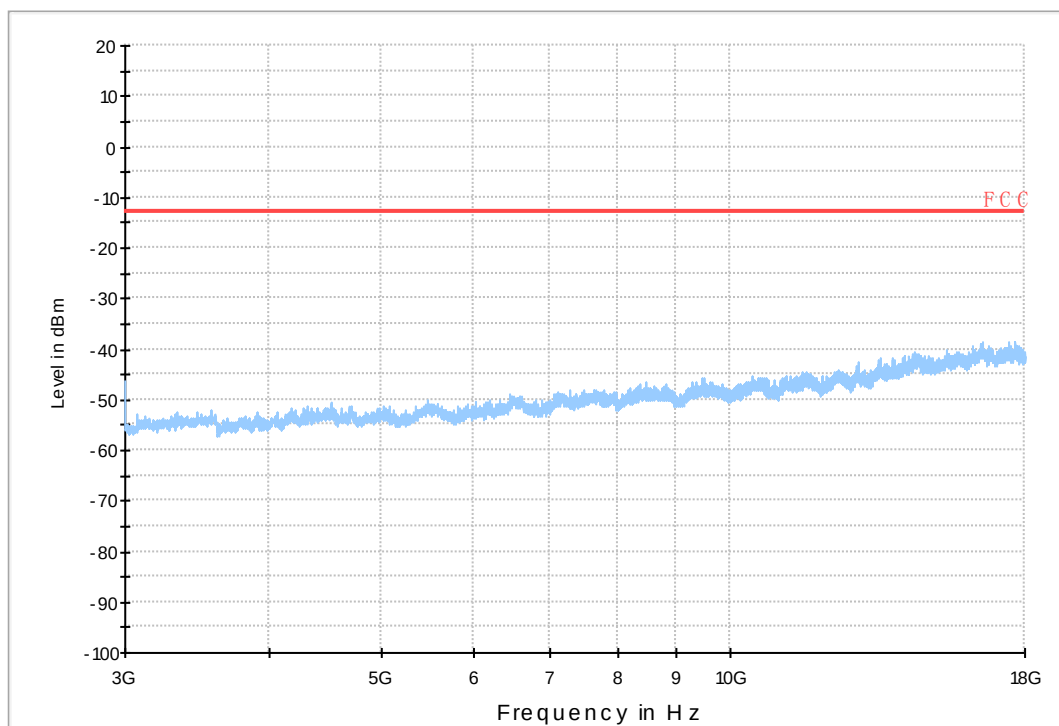
7.1.2.1 Test Bandwidth = 1.4



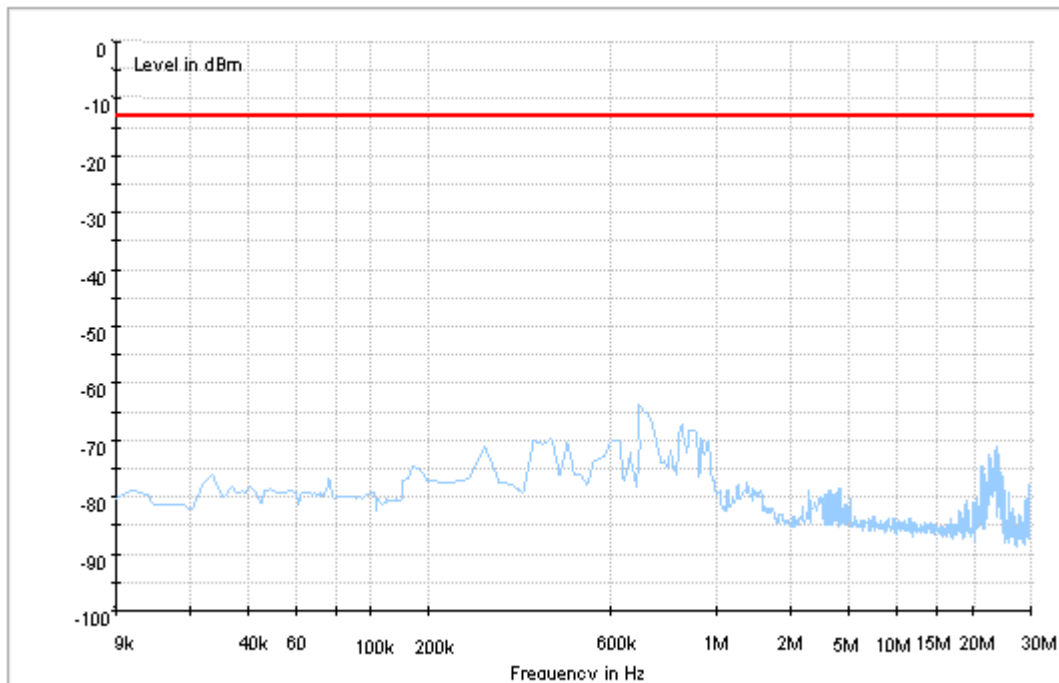
Copy of RSE-TX-DIRECTOR BELOW 1G_L



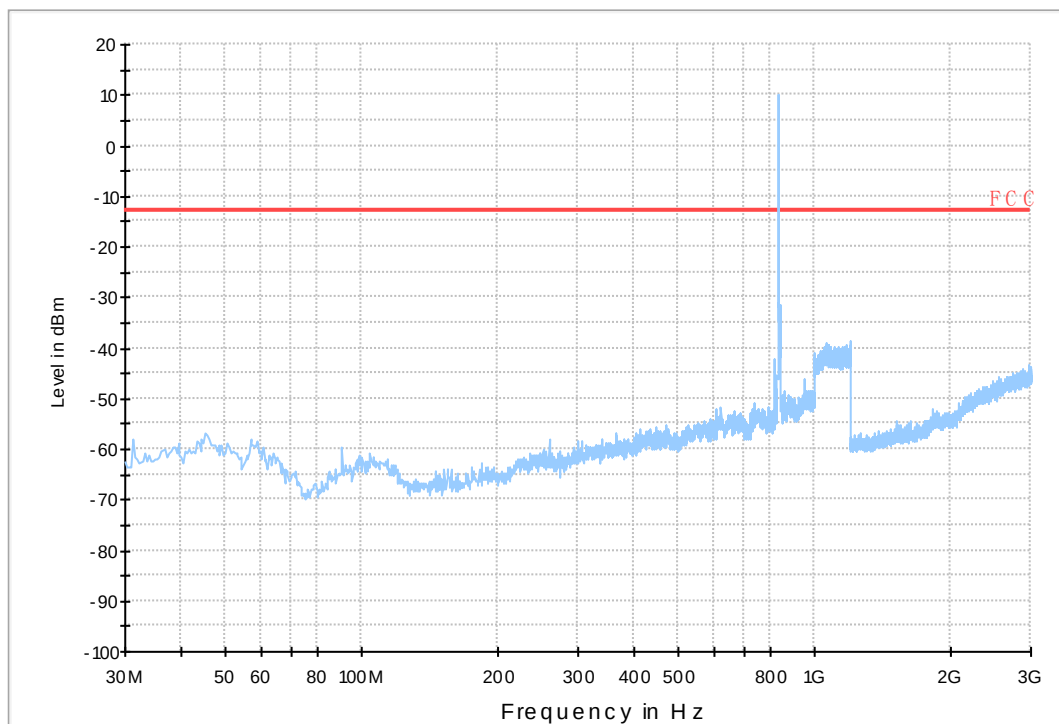
Copy of RSE-TX-DIRECTOR BELOW 1G_H



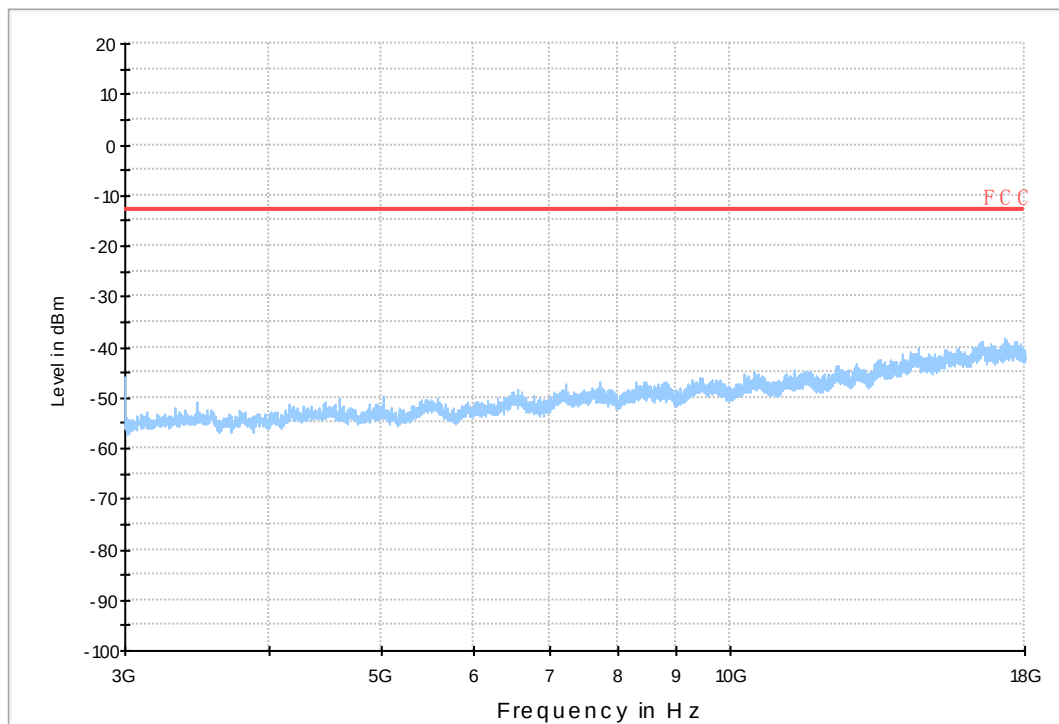
7.1.2.2 Test Bandwidth = 15



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	-0.20	-0.00024	PASS
					VN	-0.17	-0.00021	PASS
					VH	0.31	0.00038	PASS
			MCH	TN	VL	-2.07	-0.00247	PASS
					VN	9.14	0.01093	PASS
					VH	4.76	0.00569	PASS
			HCH	TN	VL	-18.75	-0.0221	PASS
					VN	9.31	0.01097	PASS
					VH	-2.72	-0.00321	PASS
		3	LCH	TN	VL	0.70	0.00085	PASS
					VN	0.37	0.00045	PASS
					VH	0.56	0.00068	PASS
			MCH	TN	VL	-8.81	-0.01053	PASS
					VN	-5.61	-0.00671	PASS
					VH	4.51	0.00539	PASS
			HCH	TN	VL	-3.13	-0.00369	PASS
					VN	-11.76	-0.01388	PASS
					VH	-2.93	-0.00346	PASS
		5	LCH	TN	VL	0.03	0.00004	PASS
					VN	0.31	0.00038	PASS
					VH	0.33	0.0004	PASS
			MCH	TN	VL	-2.47	-0.00295	PASS
					VN	4.41	0.00527	PASS
					VH	-5.24	-0.00626	PASS
			HCH	TN	VL	-3.02	-0.00357	PASS
					VN	1.09	0.00129	PASS
					VH	1.30	0.00154	PASS
		10	LCH	TN	VL	11.10	0.01339	PASS
					VN	-3.26	-0.00393	PASS
					VH	20.59	0.02484	PASS
			MCH	TN	VL	-2.96	-0.00354	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	-34.12	-0.04079	PASS
					VH	5.66	0.00677	PASS
					VL	-3.26	-0.00386	PASS
					VN	2.43	0.00288	PASS
					VH	-4.22	-0.005	PASS
					VH	-4.22	-0.005	PASS
		15	LCH	TN	VL	-39.15	-0.04708	PASS
					VN	-18.05	-0.02171	PASS
					VH	-16.52	-0.01987	PASS
			MCH	TN	VL	12.73	0.01522	PASS
					VN	-33.10	-0.03957	PASS
					VH	-23.96	-0.02864	PASS
			HCH	TN	VL	-0.73	-0.00087	PASS
					VN	-0.13	-0.00015	PASS
					VH	-0.63	-0.00075	PASS
	LTE/TM2	1.4	LCH	TN	VL	-0.50	-0.00061	PASS
					VN	-0.09	-0.00011	PASS
					VH	0.47	0.00057	PASS
			MCH	TN	VL	-11.79	-0.01409	PASS
					VN	22.96	0.02745	PASS
					VH	-8.13	-0.00972	PASS
			HCH	TN	VL	-4.12	-0.00486	PASS
					VN	3.22	0.0038	PASS
					VH	-12.43	-0.01465	PASS
		3	LCH	TN	VL	-1.39	-0.00168	PASS
					VN	-0.14	-0.00017	PASS
					VH	-0.33	-0.0004	PASS
			MCH	TN	VL	-8.08	-0.00966	PASS
					VN	0.89	0.00106	PASS
					VH	-2.16	-0.00258	PASS
			HCH	TN	VL	0.64	0.00076	PASS
					VN	0.04	0.00005	PASS
					VH	1.40	0.00165	PASS
		5	LCH	TN	VL	0.49	0.00059	PASS
					VN	0.33	0.0004	PASS
					VH	0.14	0.00017	PASS
			MCH	TN	VL	-5.02	-0.006	PASS
					VN	-0.76	-0.00091	PASS
					VH	0.27	0.00032	PASS
			HCH	TN	VL	-0.54	-0.00064	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10			VN	-2.62	-0.0031	PASS
					VH	7.07	0.00835	PASS
					VL	28.42	0.03428	PASS
			LCH	TN	VN	22.63	0.0273	PASS
					VH	25.68	0.03098	PASS
					VL	3.00	0.00359	PASS
			MCH	TN	VN	-16.58	-0.01982	PASS
					VH	10.40	0.01243	PASS
					VL	-0.77	-0.00091	PASS
		15	HCH	TN	VN	-1.12	-0.00133	PASS
					VH	1.39	0.00165	PASS
					VL	-14.38	-0.01729	PASS
			LCH	TN	VN	-34.03	-0.04093	PASS
					VH	-12.22	-0.0147	PASS
					VL	-28.92	-0.03457	PASS
			MCH	TN	VN	-40.27	-0.04814	PASS
					VH	-93.47	-0.11174	PASS
					VL	-1.79	-0.00213	PASS
			HCH	TN	VN	0.33	0.00039	PASS
					VH	-1.20	-0.00143	PASS
					VL	-1.20	-0.00143	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	-1.26	-0.00153	PASS
					-20	-0.20	-0.00024	PASS
					-10	-0.79	-0.00096	PASS
					0	-1.13	-0.00137	PASS
					10	-1.46	-0.00177	PASS
					20	-0.21	-0.00025	PASS
					30	-0.07	-0.00008	PASS
					40	0.43	0.00052	PASS
					50	0.36	0.00044	PASS
			MCH	VN	-30	13.19	0.01577	PASS
					-20	-1.04	-0.00124	PASS
					-10	-5.84	-0.00698	PASS
					0	-14.56	-0.01741	PASS
					0	-14.56	-0.01741	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	5.11	0.00611	PASS
					20	8.30	0.00992	PASS
					30	-17.32	-0.02071	PASS
					40	-23.50	-0.02809	PASS
					50	0.03	0.00004	PASS
			HCH	VN	-30	-9.96	-0.01174	PASS
					-20	-17.44	-0.02056	PASS
					-10	1.67	0.00197	PASS
					0	-2.06	-0.00243	PASS
					10	-1.24	-0.00146	PASS
					20	-12.90	-0.01521	PASS
					30	15.16	0.01787	PASS
					40	-6.08	-0.00717	PASS
					50	4.95	0.00584	PASS
		3	LCH	VN	-30	0.49	0.00059	PASS
					-20	-0.41	-0.00050	PASS
					-10	-1.22	-0.00148	PASS
					0	-0.73	-0.00088	PASS
					10	-0.33	-0.00040	PASS
					20	-0.72	-0.00087	PASS
					30	0.31	0.00038	PASS
					40	0.29	0.00035	PASS
					50	-0.74	-0.00090	PASS
			MCH	VN	-30	-2.37	-0.00283	PASS
					-20	-0.31	-0.00037	PASS
					-10	3.15	0.00377	PASS
					0	-1.03	-0.00123	PASS
					10	-8.11	-0.00970	PASS
					20	1.66	0.00198	PASS
					30	-2.99	-0.00357	PASS
					40	-8.45	-0.01010	PASS
					50	-3.85	-0.00460	PASS
			HCH	VN	-30	2.20	0.00260	PASS
					-20	-8.75	-0.01032	PASS
					-10	-3.92	-0.00463	PASS
					0	-7.37	-0.00870	PASS
					10	1.30	0.00153	PASS
					20	-1.62	-0.00191	PASS
					30	-1.99	-0.00235	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5			40	1.36	0.00160	PASS
					50	2.20	0.00260	PASS
			LCH	VN	-30	0.07	0.00008	PASS
					-20	0.26	0.00031	PASS
					-10	-0.14	-0.00017	PASS
					0	-0.40	-0.00048	PASS
					10	-0.04	-0.00005	PASS
					20	0.26	0.00031	PASS
					30	0.06	0.00007	PASS
					40	-0.07	-0.00008	PASS
					50	0.10	0.00012	PASS
			MCH	VN	-30	-1.26	-0.00151	PASS
					-20	-1.02	-0.00122	PASS
					-10	-4.19	-0.00501	PASS
					0	-1.02	-0.00122	PASS
					10	-0.73	-0.00087	PASS
					20	-2.10	-0.00251	PASS
					30	-2.52	-0.00301	PASS
					40	2.89	0.00345	PASS
					50	-5.31	-0.00635	PASS
			HCH	VN	-30	2.75	0.00325	PASS
					-20	5.62	0.00664	PASS
					-10	3.02	0.00357	PASS
					0	8.75	0.01034	PASS
					10	1.47	0.00174	PASS
					20	5.54	0.00654	PASS
					30	1.43	0.00169	PASS
					40	-2.16	-0.00255	PASS
					50	-7.27	-0.00859	PASS
		10	LCH	VN	-30	5.29	0.00638	PASS
					-20	-22.57	-0.02723	PASS
					-10	16.44	0.01983	PASS
					0	-38.50	-0.04644	PASS
					10	-0.73	-0.00088	PASS
					20	-24.09	-0.02906	PASS
					30	49.14	0.05928	PASS
					40	-29.18	-0.03520	PASS
					50	-11.79	-0.01422	PASS
			MCH	VN	-30	8.24	0.00985	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	8.03	0.00960	PASS
					-10	-29.47	-0.03523	PASS
					0	3.16	0.00378	PASS
					10	38.14	0.04559	PASS
					20	-40.53	-0.04845	PASS
					30	-12.30	-0.01470	PASS
					40	-43.93	-0.05252	PASS
					50	-7.87	-0.00941	PASS
			HCH	VN	-30	-1.76	-0.00209	PASS
					-20	-1.19	-0.00141	PASS
					-10	-0.04	-0.00005	PASS
					0	-1.04	-0.00123	PASS
					10	-0.92	-0.00109	PASS
					20	-0.36	-0.00043	PASS
					30	3.26	0.00386	PASS
					40	0.74	0.00088	PASS
					50	1.34	0.00159	PASS
		15	LCH	VN	-30	-4.38	-0.00527	PASS
					-20	-8.08	-0.00972	PASS
					-10	-13.59	-0.01634	PASS
					0	-21.14	-0.02542	PASS
					10	-45.66	-0.05491	PASS
					20	-25.19	-0.03029	PASS
					30	-8.23	-0.00990	PASS
					40	-16.91	-0.02034	PASS
					50	-46.56	-0.05600	PASS
			MCH	VN	-30	-15.69	-0.01876	PASS
					-20	-22.76	-0.02721	PASS
					-10	-66.91	-0.07999	PASS
					0	-83.47	-0.09978	PASS
					10	4.08	0.00488	PASS
					20	-70.12	-0.08383	PASS
					30	-18.77	-0.02244	PASS
					40	-36.54	-0.04368	PASS
					50	-54.49	-0.06514	PASS
			HCH	VN	-30	-1.90	-0.00226	PASS
					-20	-0.77	-0.00092	PASS
					-10	1.06	0.00126	PASS
					0	0.01	0.00001	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.27	0.00151	PASS
					20	-2.89	-0.00343	PASS
					30	-0.46	-0.00055	PASS
					40	-0.13	-0.00015	PASS
					50	-0.64	-0.00076	PASS
	LTE/TM2	1.4	LCH	VN	-30	12.09	0.01466	PASS
					-20	-2.92	-0.00354	PASS
					-10	0.33	0.00040	PASS
					0	4.18	0.00507	PASS
					10	28.57	0.03464	PASS
					20	-8.07	-0.00979	PASS
					30	-6.31	-0.00765	PASS
					40	8.48	0.01028	PASS
					50	-6.18	-0.00749	PASS
			MCH	VN	-30	12.92	0.01545	PASS
					-20	-15.18	-0.01815	PASS
					-10	15.18	0.01815	PASS
					0	-3.79	-0.00453	PASS
					10	4.33	0.00518	PASS
					20	-3.81	-0.00455	PASS
					30	0.90	0.00108	PASS
					40	15.59	0.01864	PASS
					50	8.84	0.01057	PASS
			HCH	VN	-30	-12.39	-0.01461	PASS
					-20	-0.90	-0.00106	PASS
					-10	8.21	0.00968	PASS
					0	-3.85	-0.00454	PASS
					10	25.88	0.03051	PASS
					20	4.05	0.00477	PASS
					30	-3.16	-0.00373	PASS
					40	1.12	0.00132	PASS
					50	-9.64	-0.01136	PASS
		3	LCH	VN	-30	-1.72	-0.00208	PASS
					-20	10.19	0.01234	PASS
					-10	8.25	0.00999	PASS
					0	6.15	0.00745	PASS
					10	-1.26	-0.00153	PASS
					20	-5.19	-0.00629	PASS
					30	8.71	0.01055	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-4.32	-0.00523	PASS
					50	-3.62	-0.00439	PASS
			MCH	VN	-30	-0.56	-0.00067	PASS
					-20	5.44	0.00650	PASS
					-10	8.74	0.01045	PASS
					0	0.26	0.00031	PASS
					10	6.29	0.00752	PASS
					20	-3.93	-0.00470	PASS
					30	4.45	0.00532	PASS
					40	-7.11	-0.00850	PASS
					50	-0.92	-0.00110	PASS
			HCH	VN	-30	1.70	0.00201	PASS
					-20	1.65	0.00195	PASS
					-10	-1.47	-0.00173	PASS
					0	2.57	0.00303	PASS
					10	-0.74	-0.00087	PASS
					20	-0.69	-0.00081	PASS
					30	-4.03	-0.00476	PASS
					40	0.57	0.00067	PASS
					50	2.73	0.00322	PASS
		5	LCH	VN	-30	-1.07	-0.00129	PASS
					-20	-2.15	-0.00260	PASS
					-10	3.55	0.00430	PASS
					0	0.03	0.00004	PASS
					10	6.75	0.00817	PASS
					20	6.21	0.00751	PASS
					30	2.20	0.00266	PASS
					40	5.55	0.00672	PASS
					50	-1.70	-0.00206	PASS
			MCH	VN	-30	2.98	0.00356	PASS
					-20	-4.16	-0.00497	PASS
					-10	9.07	0.01084	PASS
					0	-4.24	-0.00507	PASS
					10	9.14	0.01093	PASS
					20	9.79	0.01170	PASS
					30	-4.24	-0.00506	PASS
					40	7.84	0.00937	PASS
					50	2.42	0.00289	PASS
			HCH	VN	-30	1.92	0.00226	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.22	-0.00027	PASS
					-10	7.85	0.00927	PASS
					0	-4.02	-0.00475	PASS
					10	3.74	0.00442	PASS
					20	-3.31	-0.00392	PASS
					30	2.48	0.00294	PASS
					40	-2.48	-0.00293	PASS
					50	6.74	0.00796	PASS
		10	LCH	VN	-30	8.85	0.01067	PASS
					-20	0.78	0.00094	PASS
					-10	8.77	0.01057	PASS
					0	7.94	0.00957	PASS
					10	8.90	0.01073	PASS
					20	8.85	0.01068	PASS
					30	4.25	0.00513	PASS
					40	5.68	0.00685	PASS
					50	2.63	0.00318	PASS
			MCH	VN	-30	-0.82	-0.00098	PASS
					-20	-2.22	-0.00265	PASS
					-10	4.72	0.00564	PASS
					0	3.18	0.00380	PASS
					10	8.37	0.01000	PASS
					20	-0.24	-0.00029	PASS
					30	7.41	0.00886	PASS
					40	8.80	0.01052	PASS
					50	3.79	0.00453	PASS
			HCH	VN	-30	1.70	0.00201	PASS
					-20	3.25	0.00385	PASS
					-10	0.99	0.00117	PASS
					0	-4.04	-0.00479	PASS
					10	-3.37	-0.00399	PASS
					20	2.09	0.00248	PASS
					30	2.67	0.00316	PASS
					40	5.40	0.00640	PASS
					50	-1.48	-0.00175	PASS
		15	LCH	VN	-30	4.98	0.00599	PASS
					-20	-0.37	-0.00044	PASS
					-10	3.20	0.00385	PASS
					0	-3.37	-0.00405	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	5.65	0.00679	PASS
					20	3.23	0.00389	PASS
					30	9.35	0.01125	PASS
					40	-4.80	-0.00577	PASS
					50	5.56	0.00668	PASS
			MCH	VN	-30	-1.00	-0.00120	PASS
					-20	6.57	0.00785	PASS
					-10	8.30	0.00993	PASS
					0	4.71	0.00563	PASS
					10	6.27	0.00749	PASS
					20	3.98	0.00476	PASS
					30	8.79	0.01051	PASS
					40	6.49	0.00776	PASS
					50	6.72	0.00803	PASS
			HCH	VN	-30	-4.07	-0.00484	PASS
					-20	-0.68	-0.00081	PASS
					-10	-0.65	-0.00077	PASS
					0	5.93	0.00704	PASS
					10	-1.71	-0.00203	PASS
					20	-4.73	-0.00562	PASS
					30	9.29	0.01104	PASS
					40	9.76	0.01160	PASS
					50	-1.25	-0.00149	PASS

END