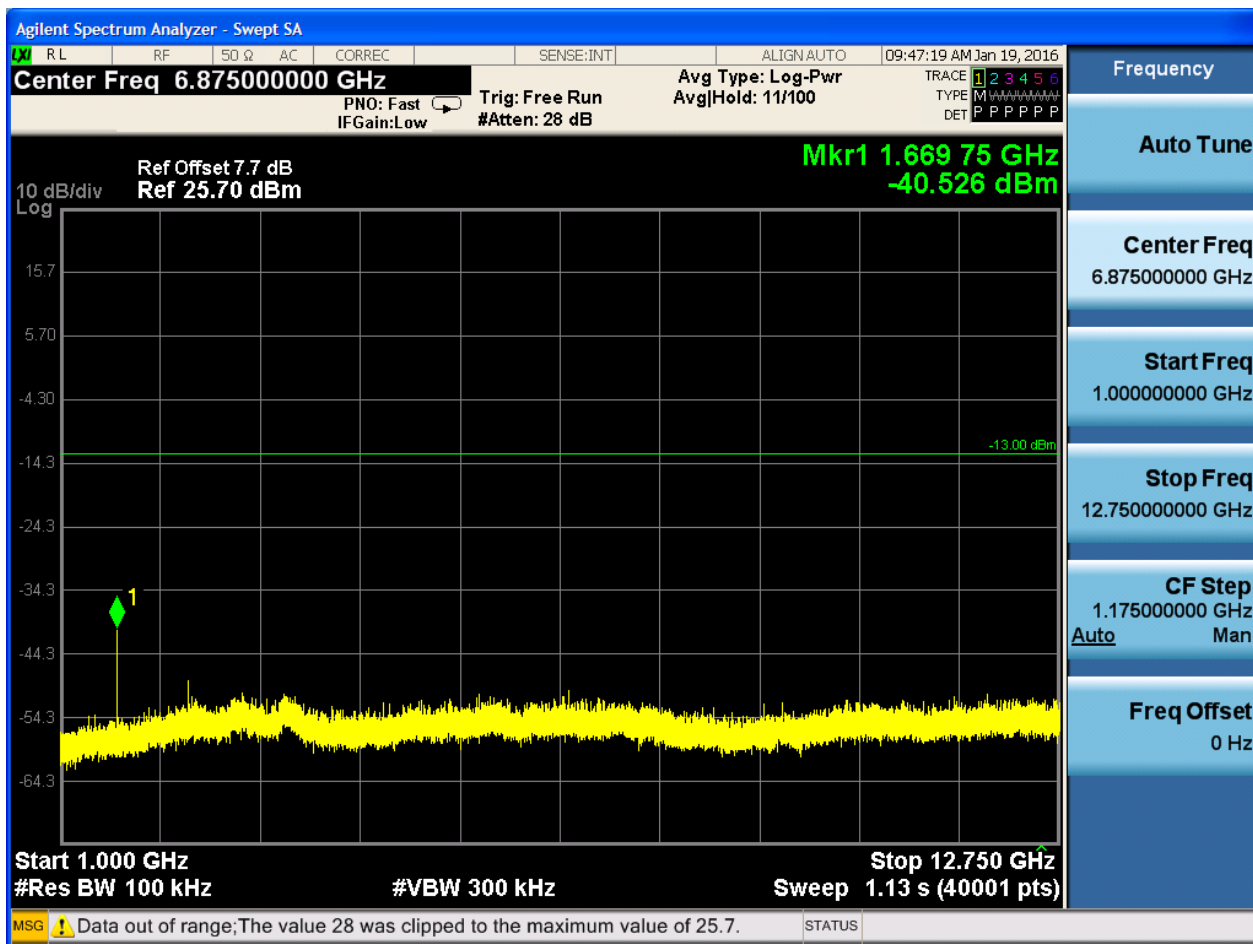


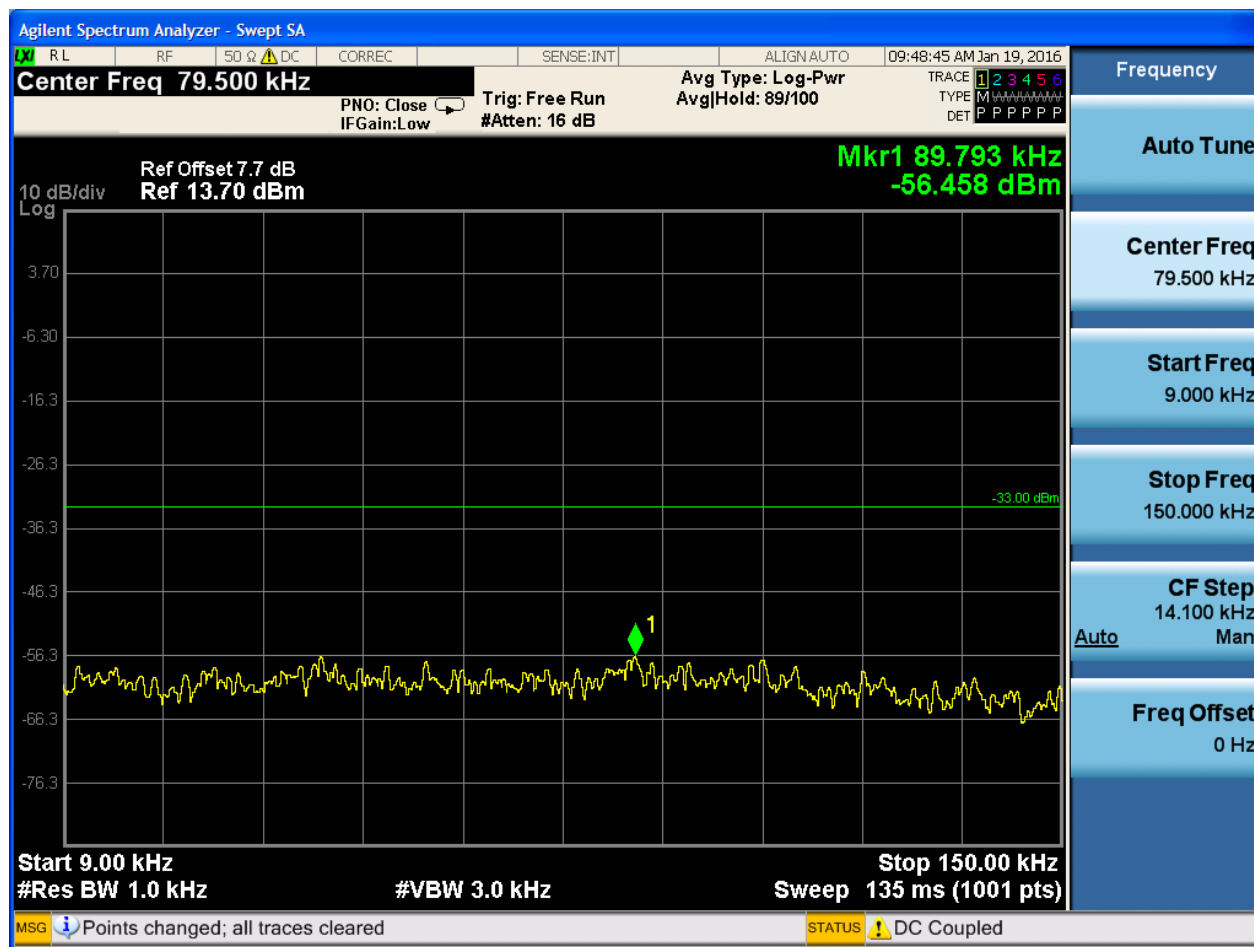


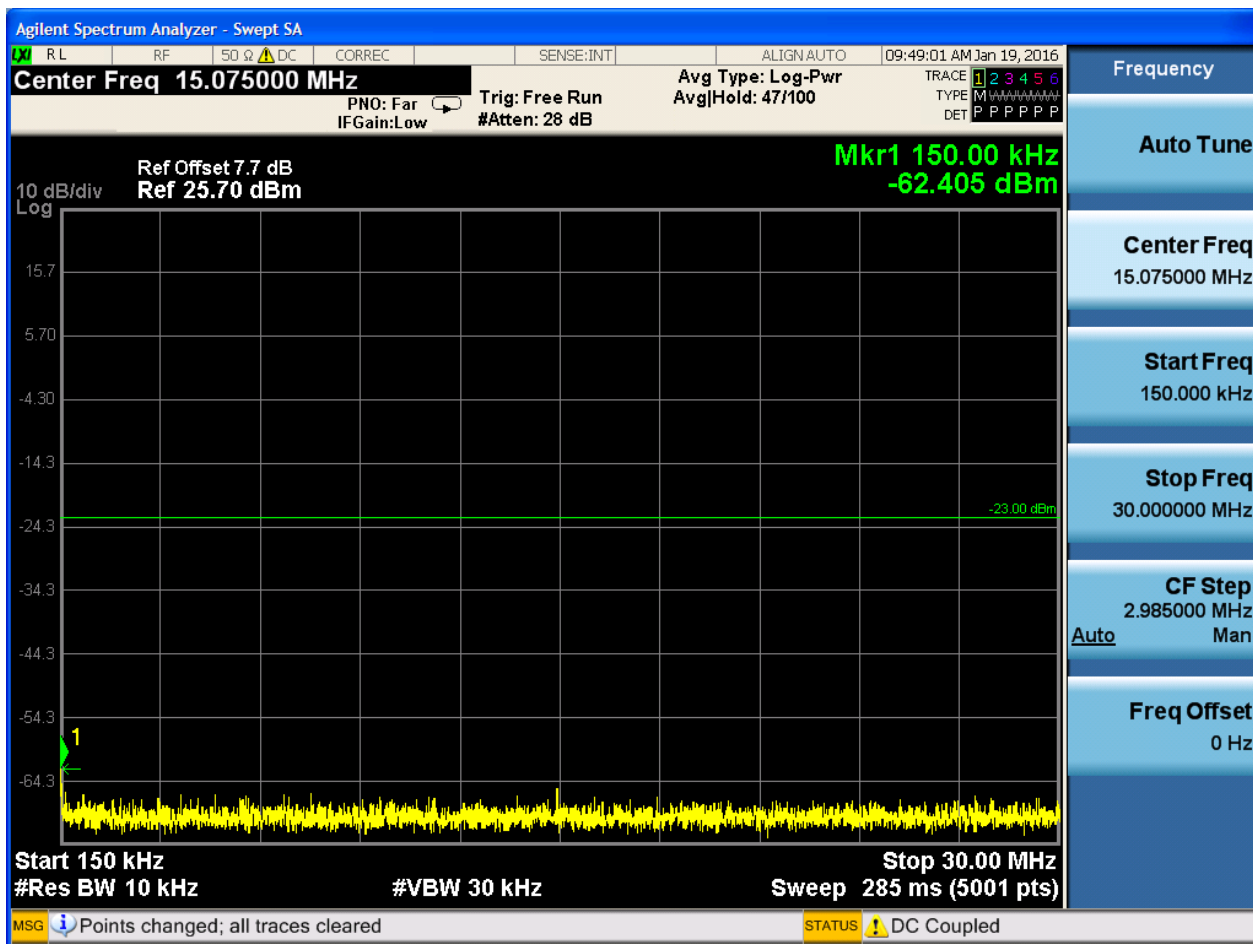
6.1.1.2 Test Mode = LTE/TM2

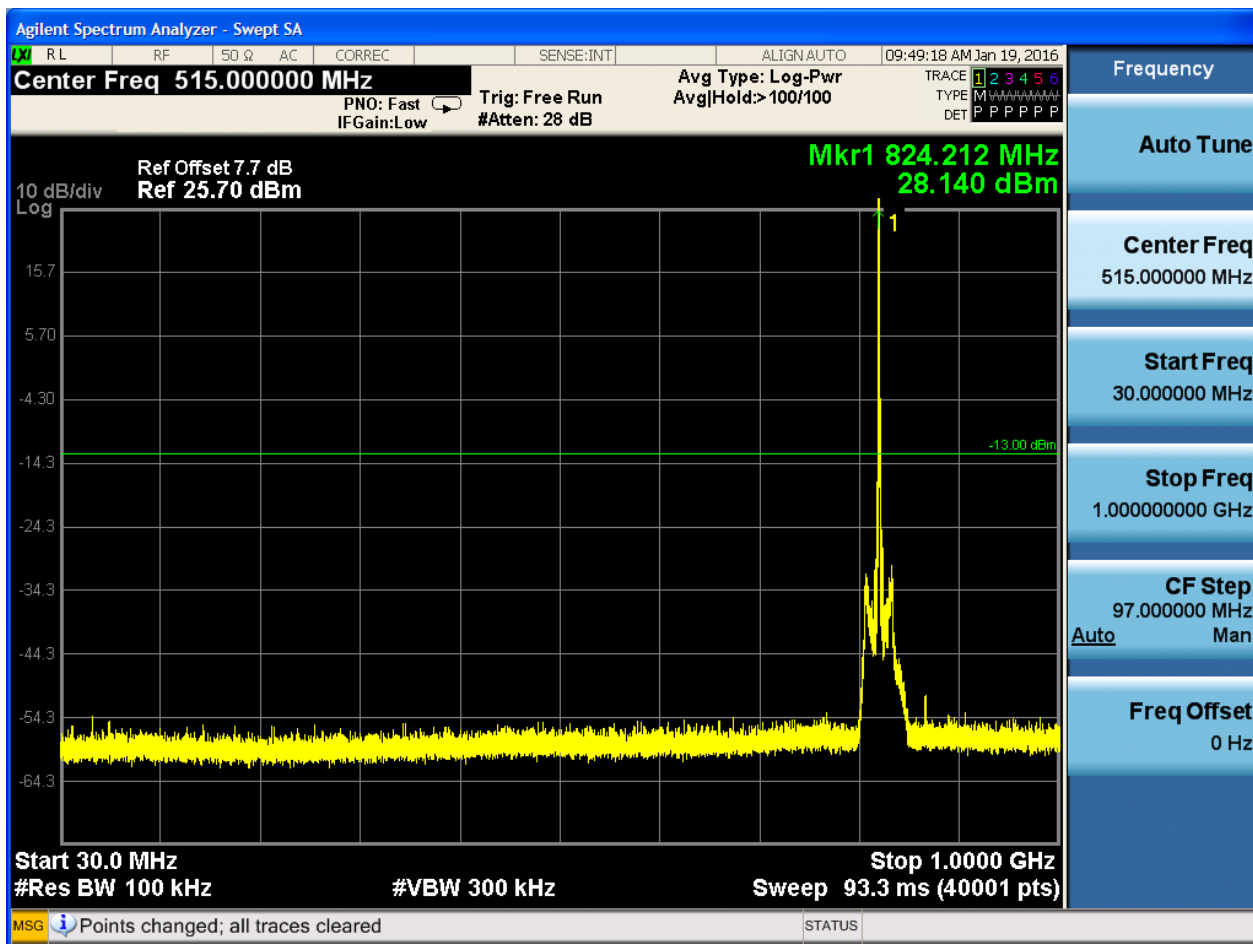
6.1.1.2.1 Test Bandwidth = 1.4

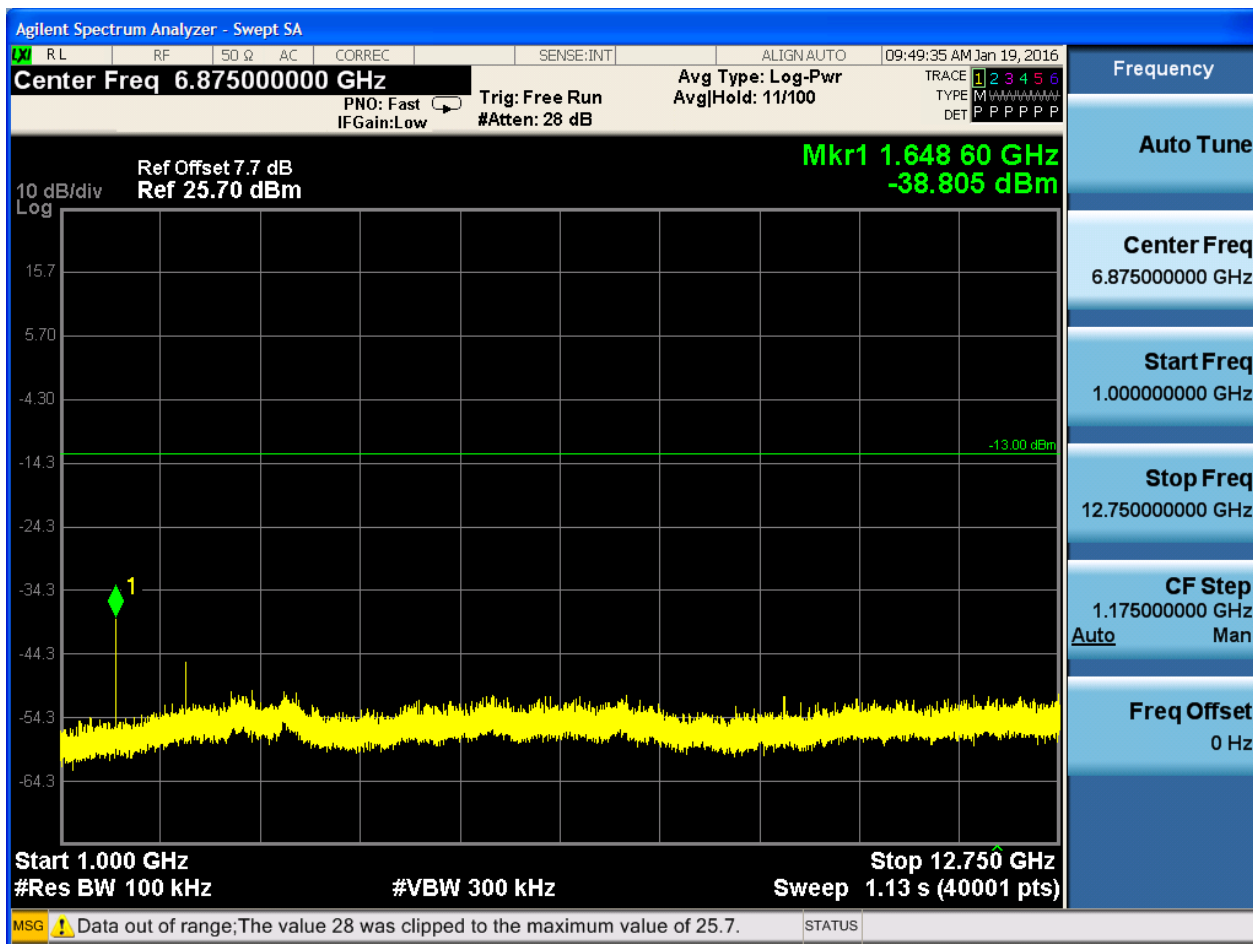
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0





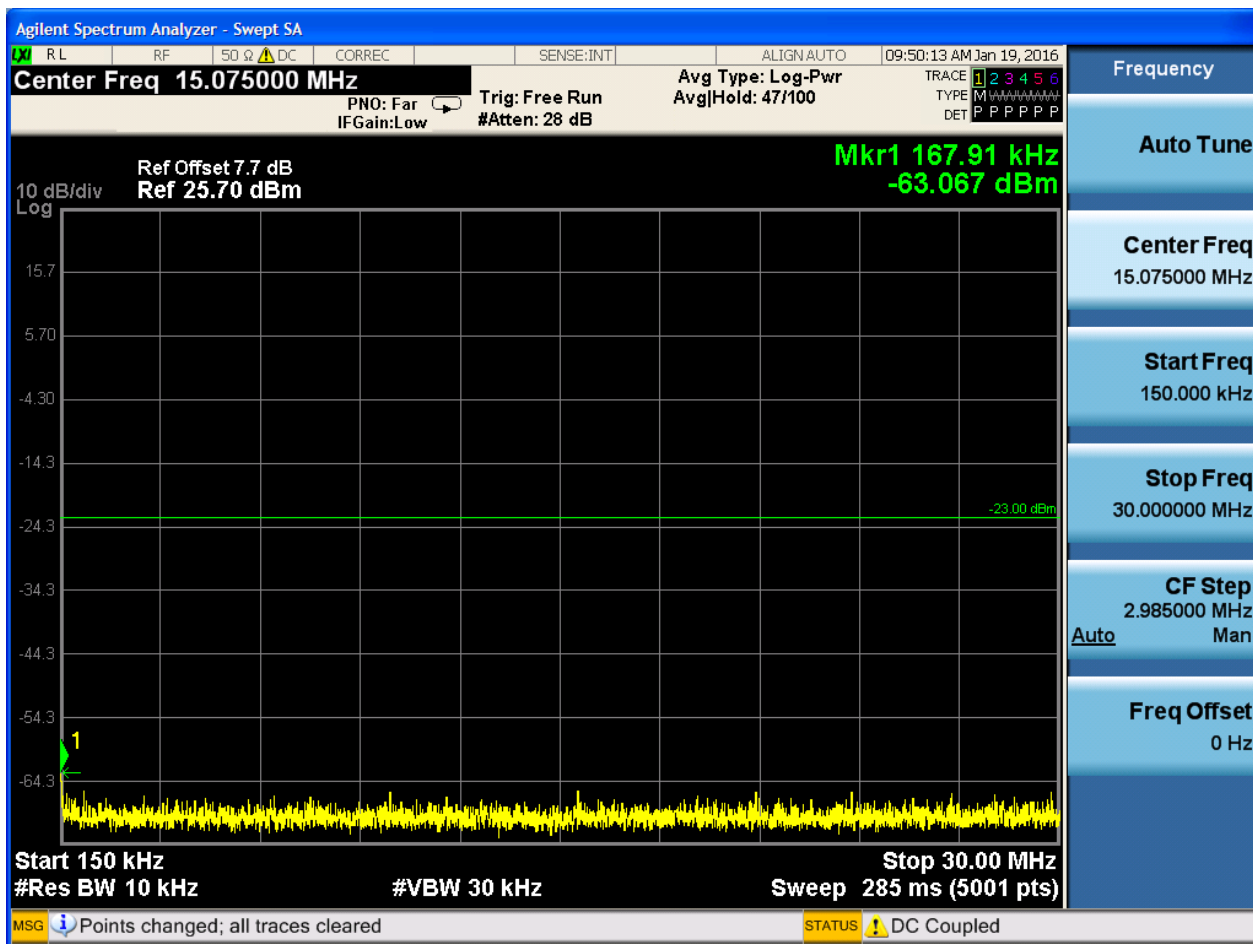


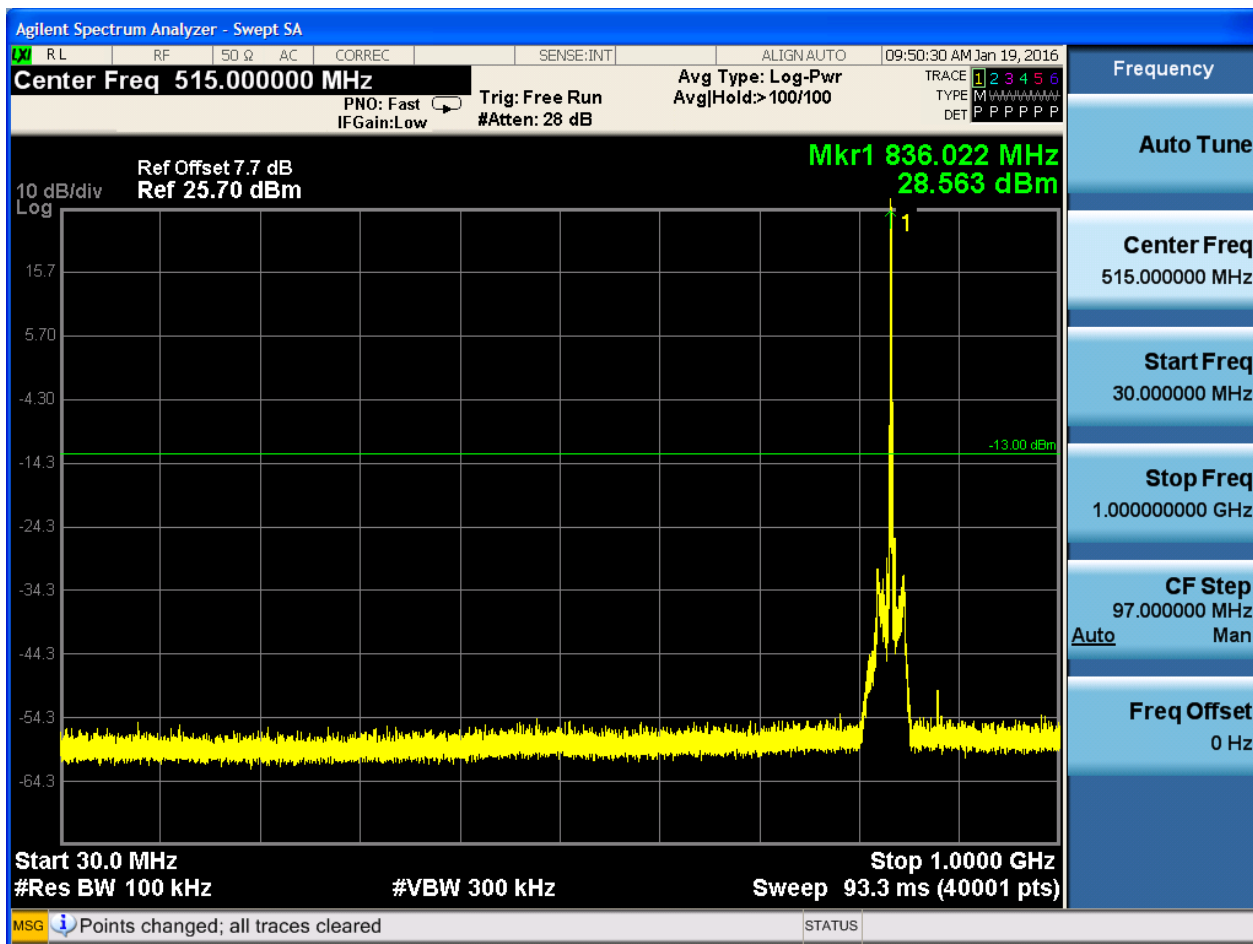


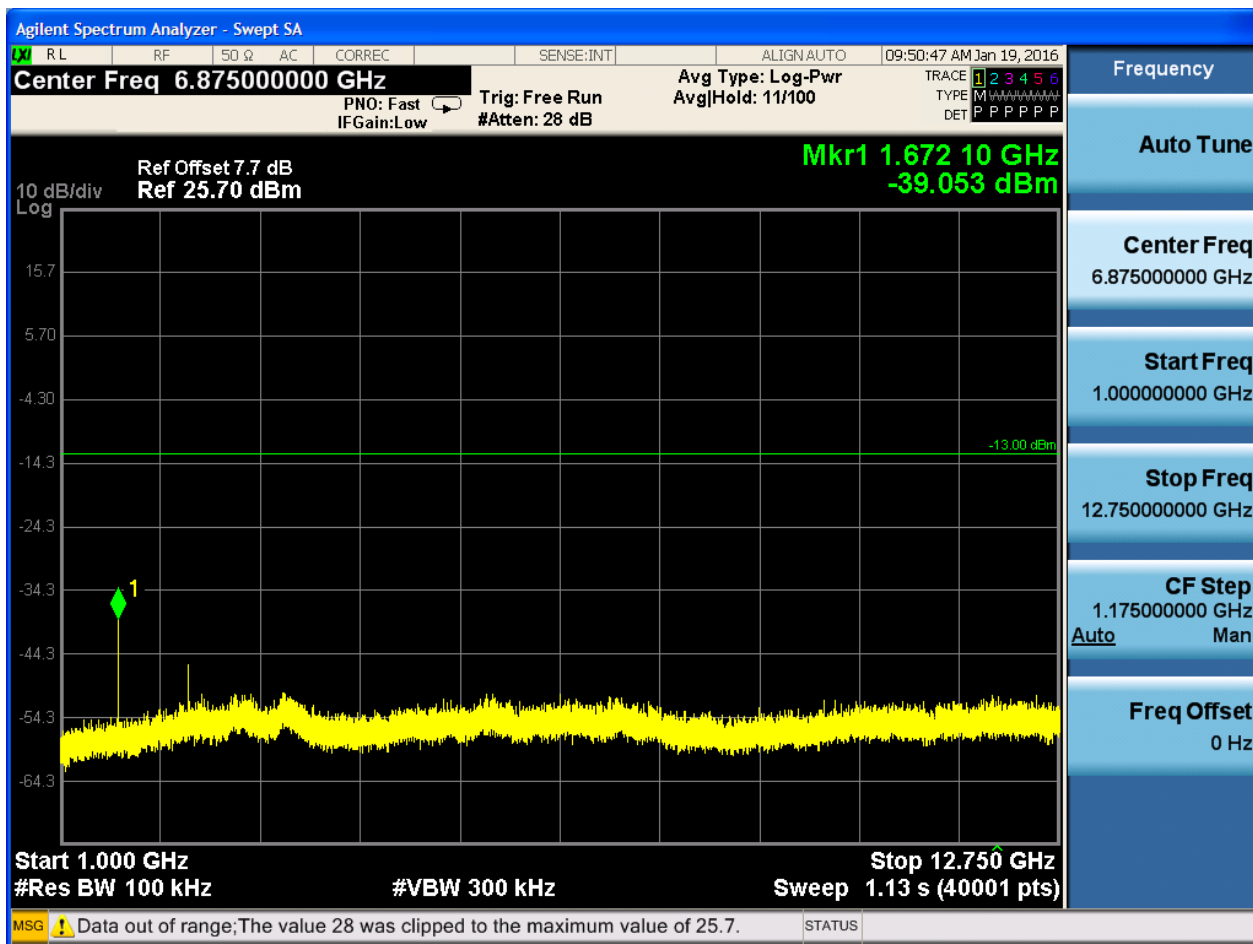
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



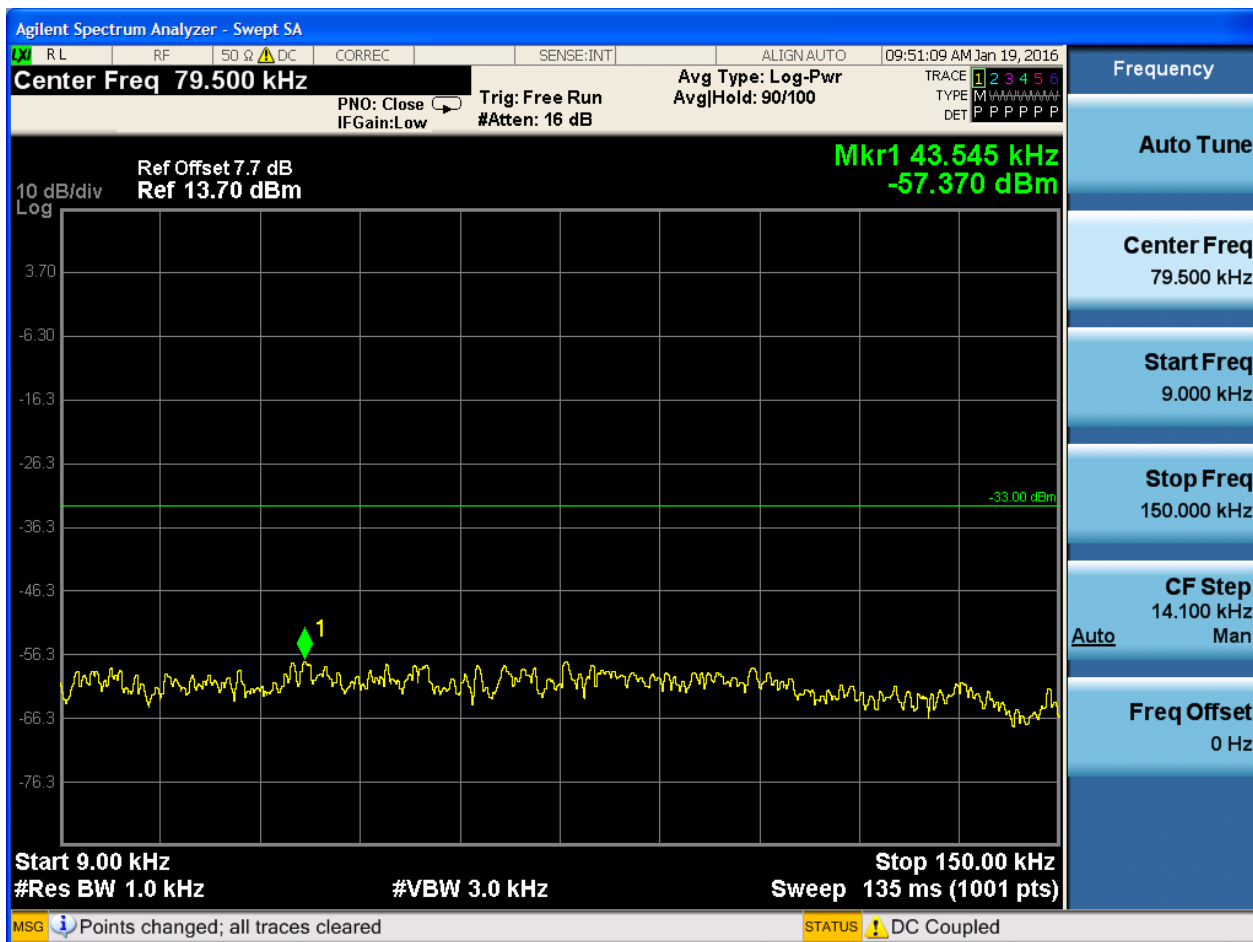


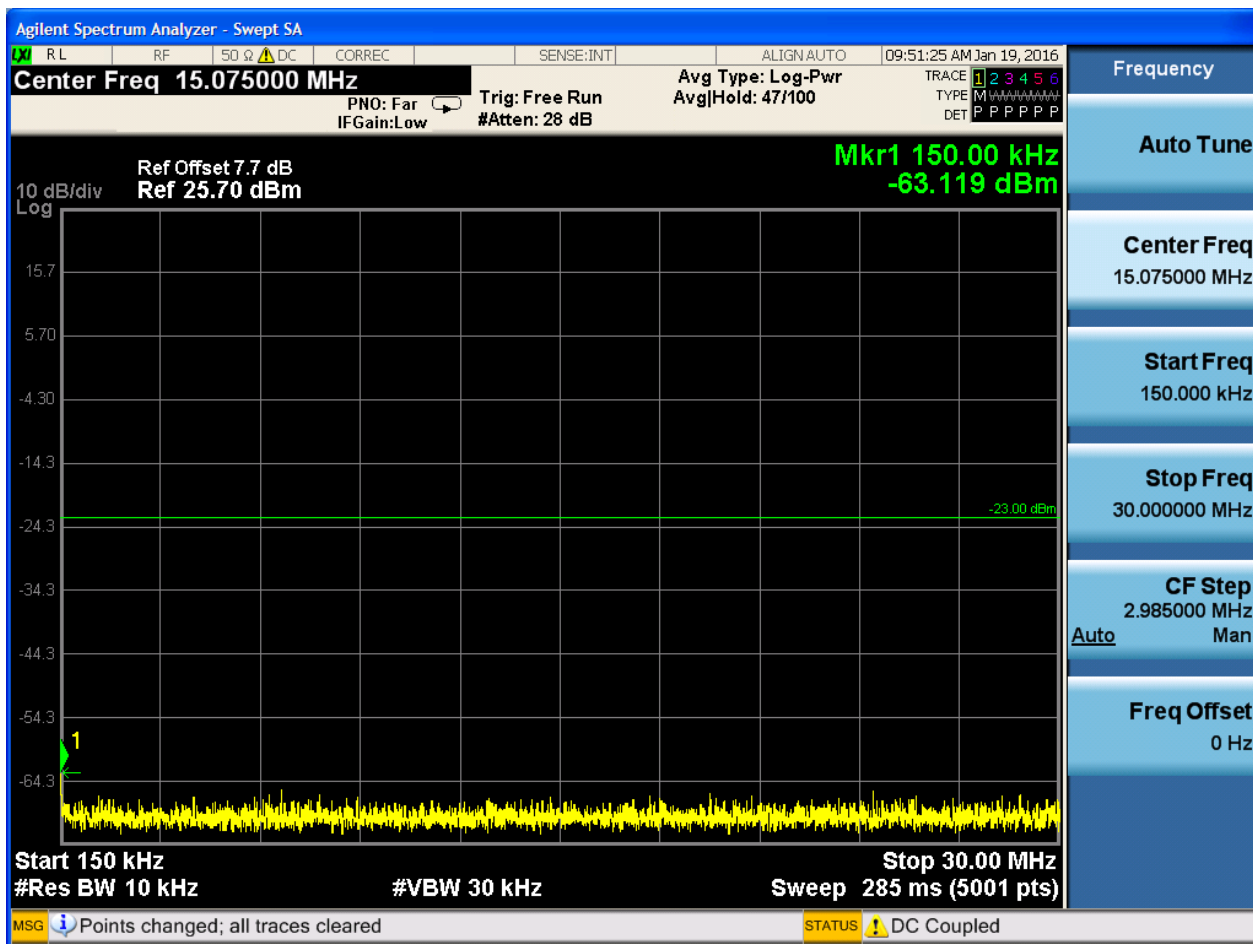


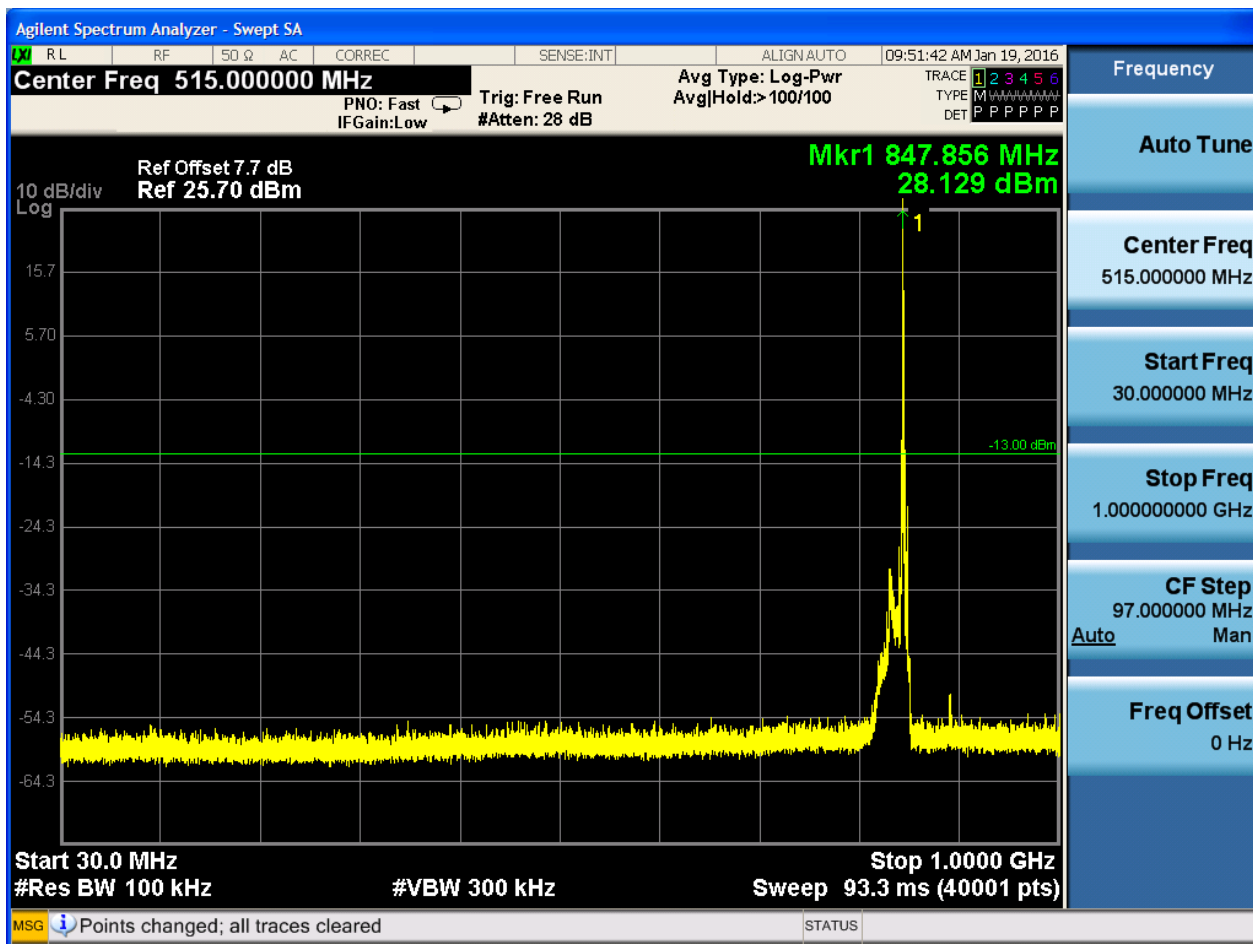


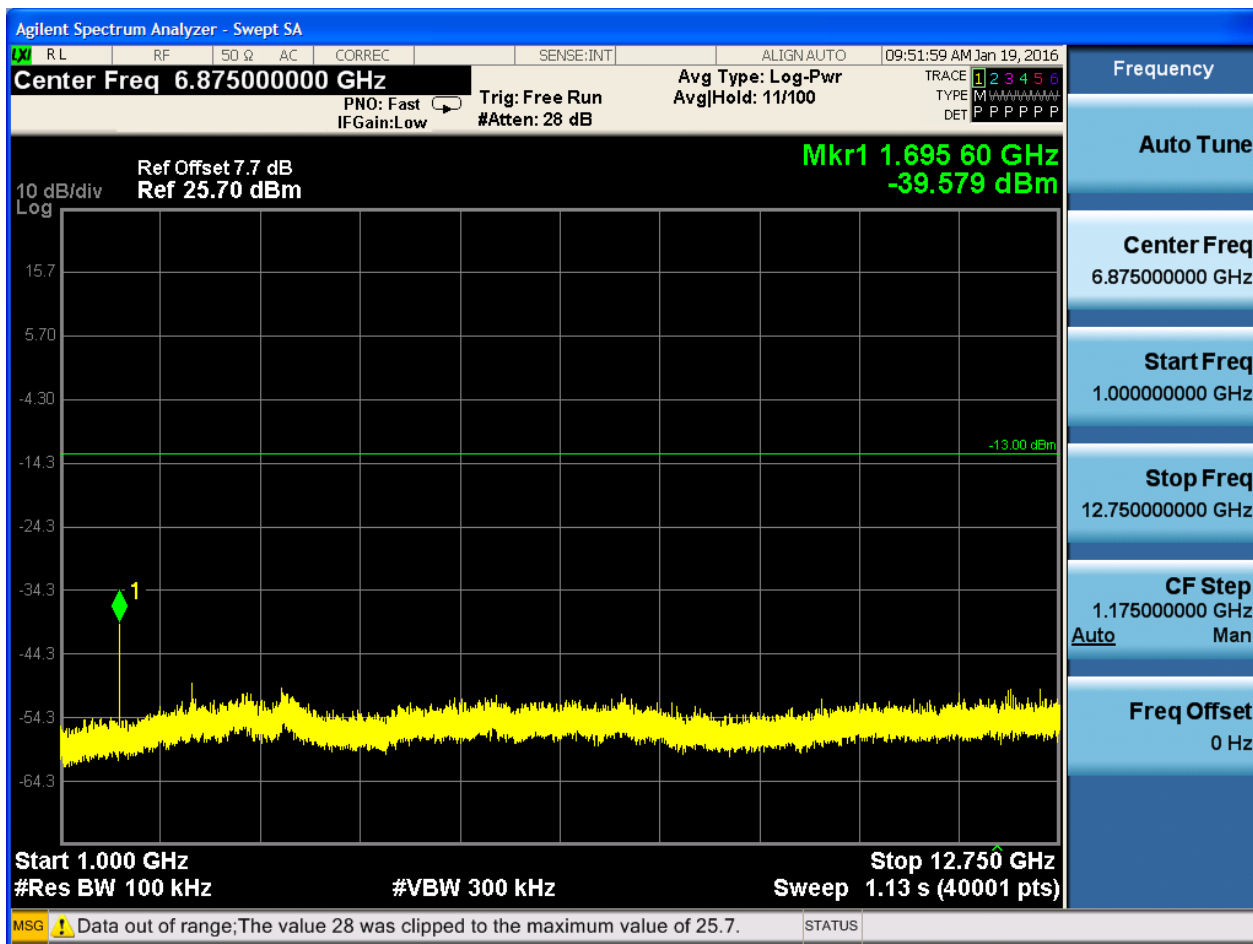
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





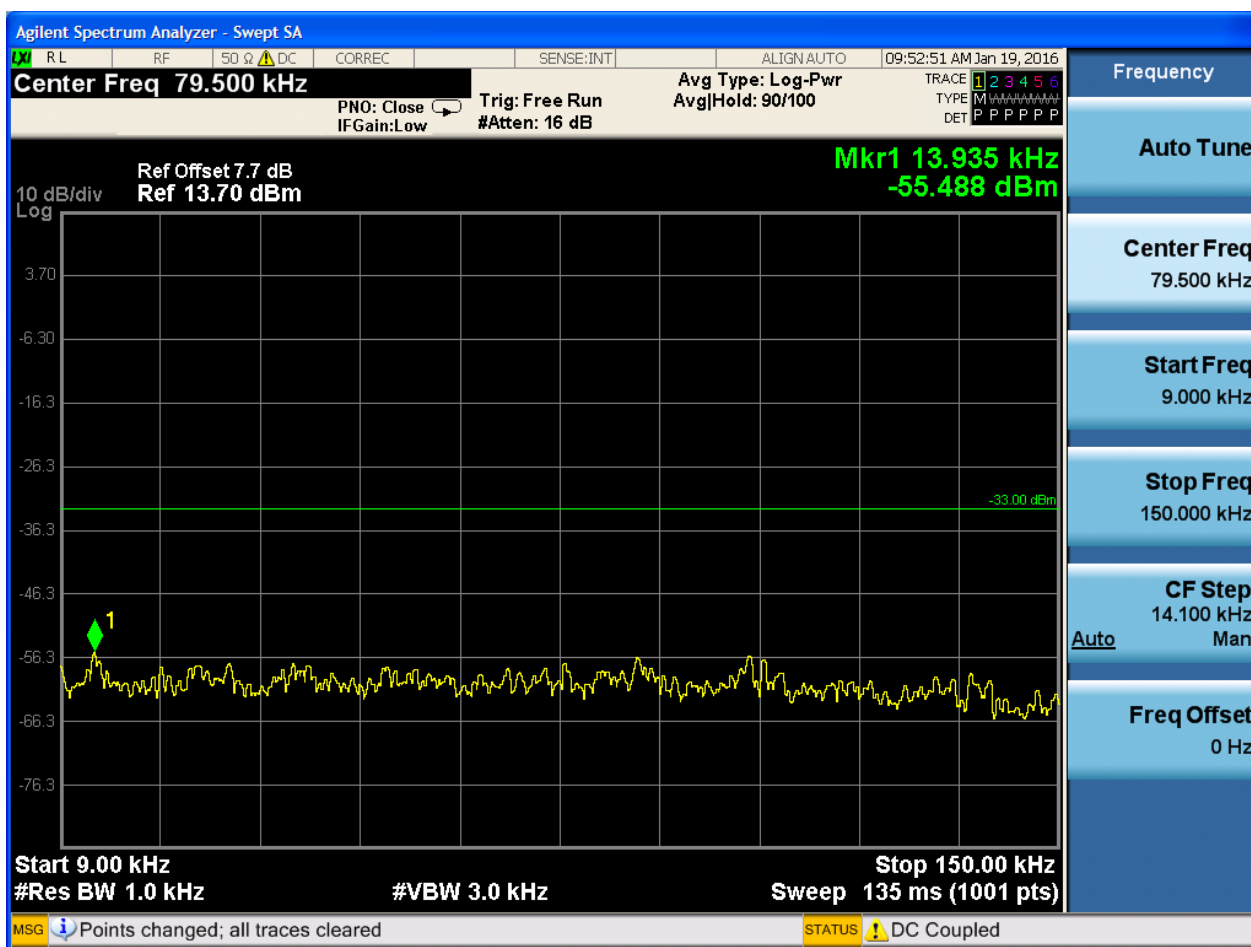


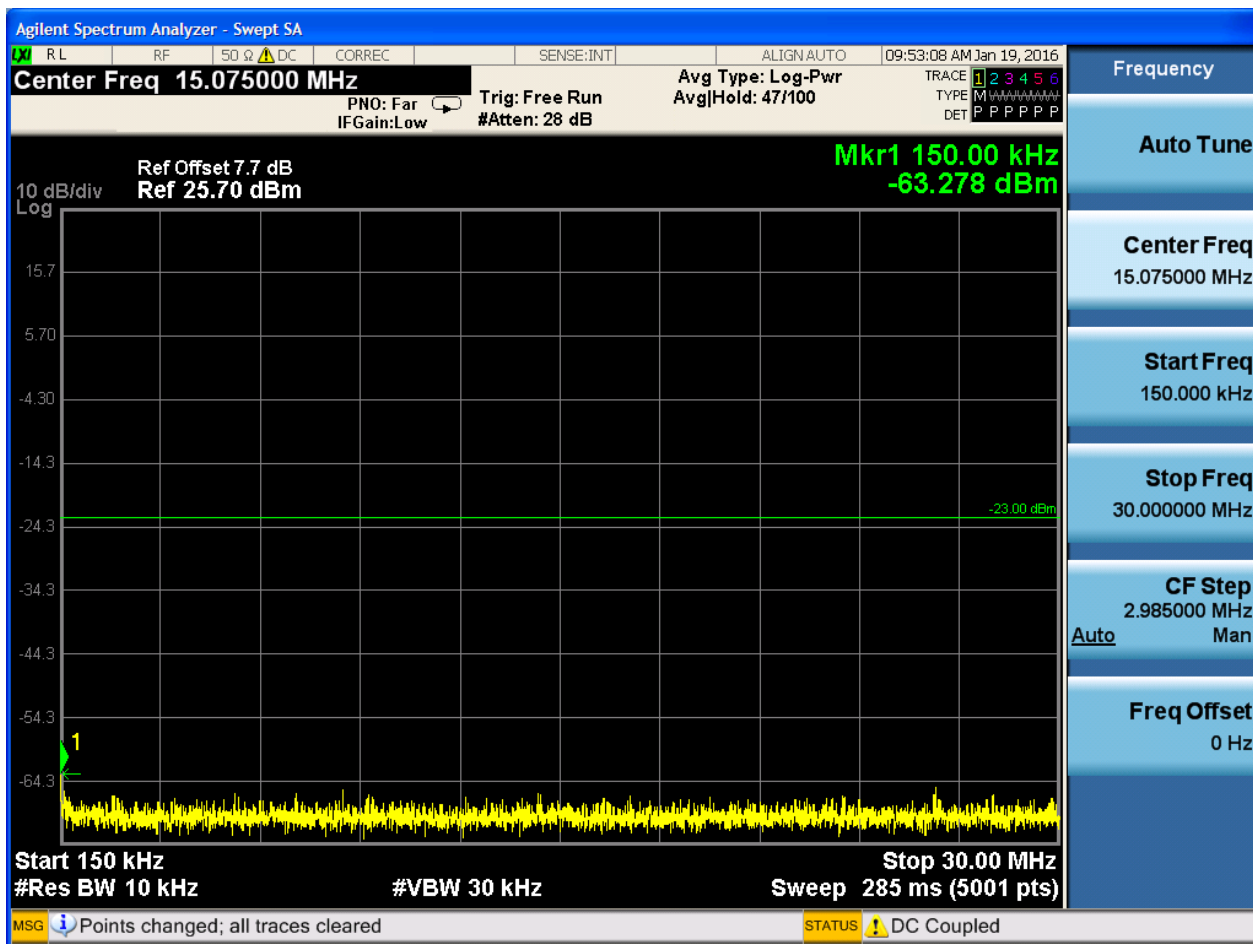


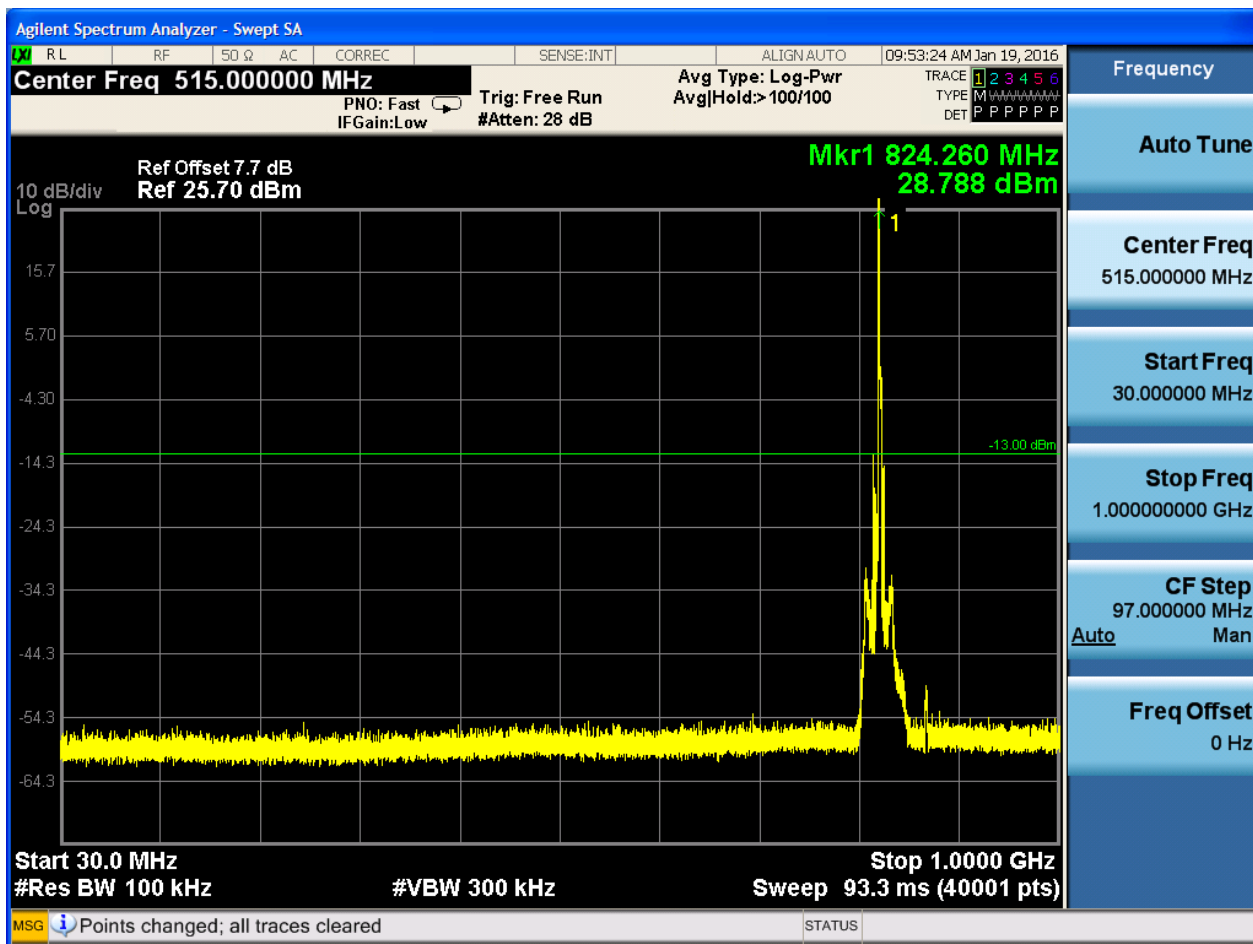
6.1.1.2.2 Test Bandwidth = 3

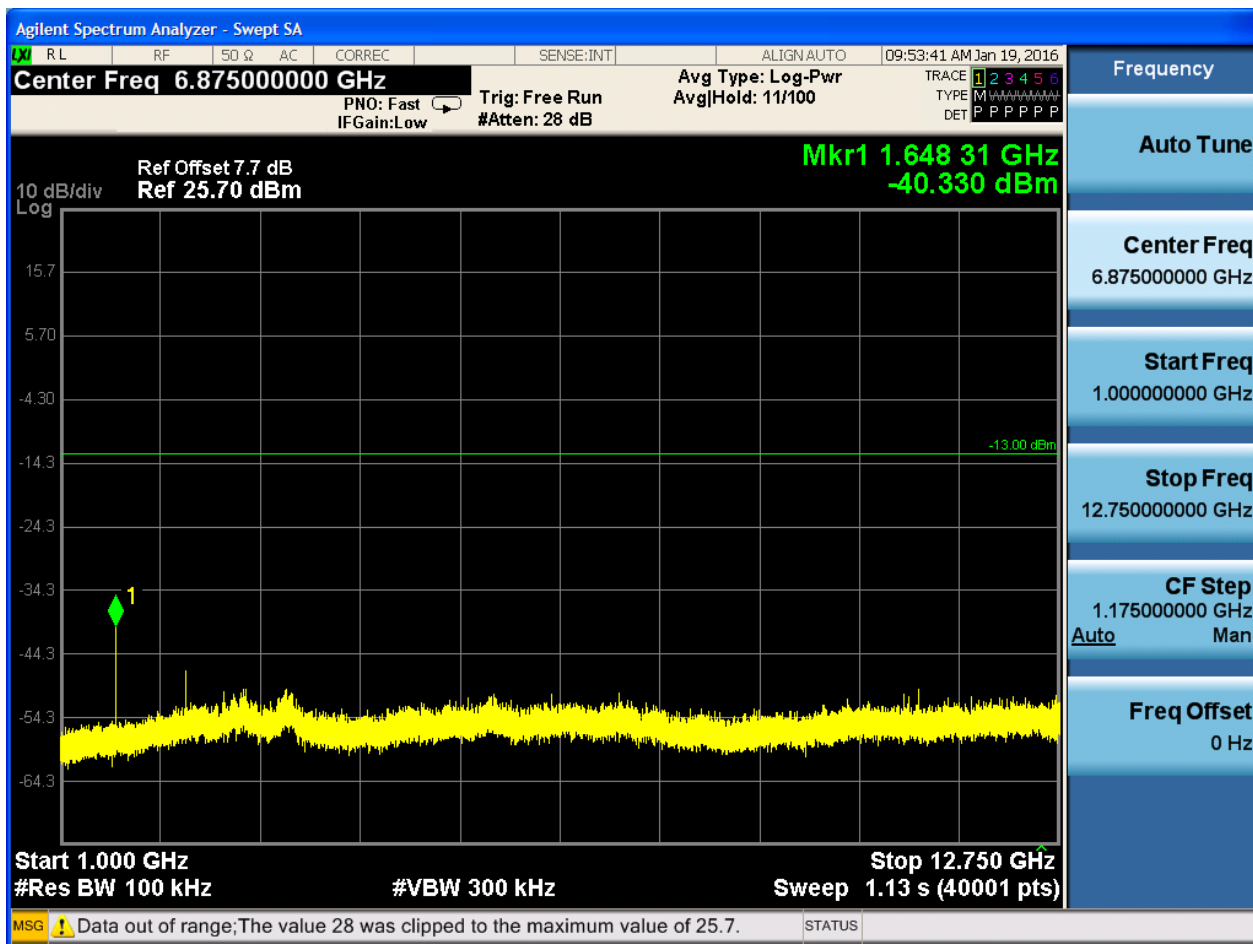
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



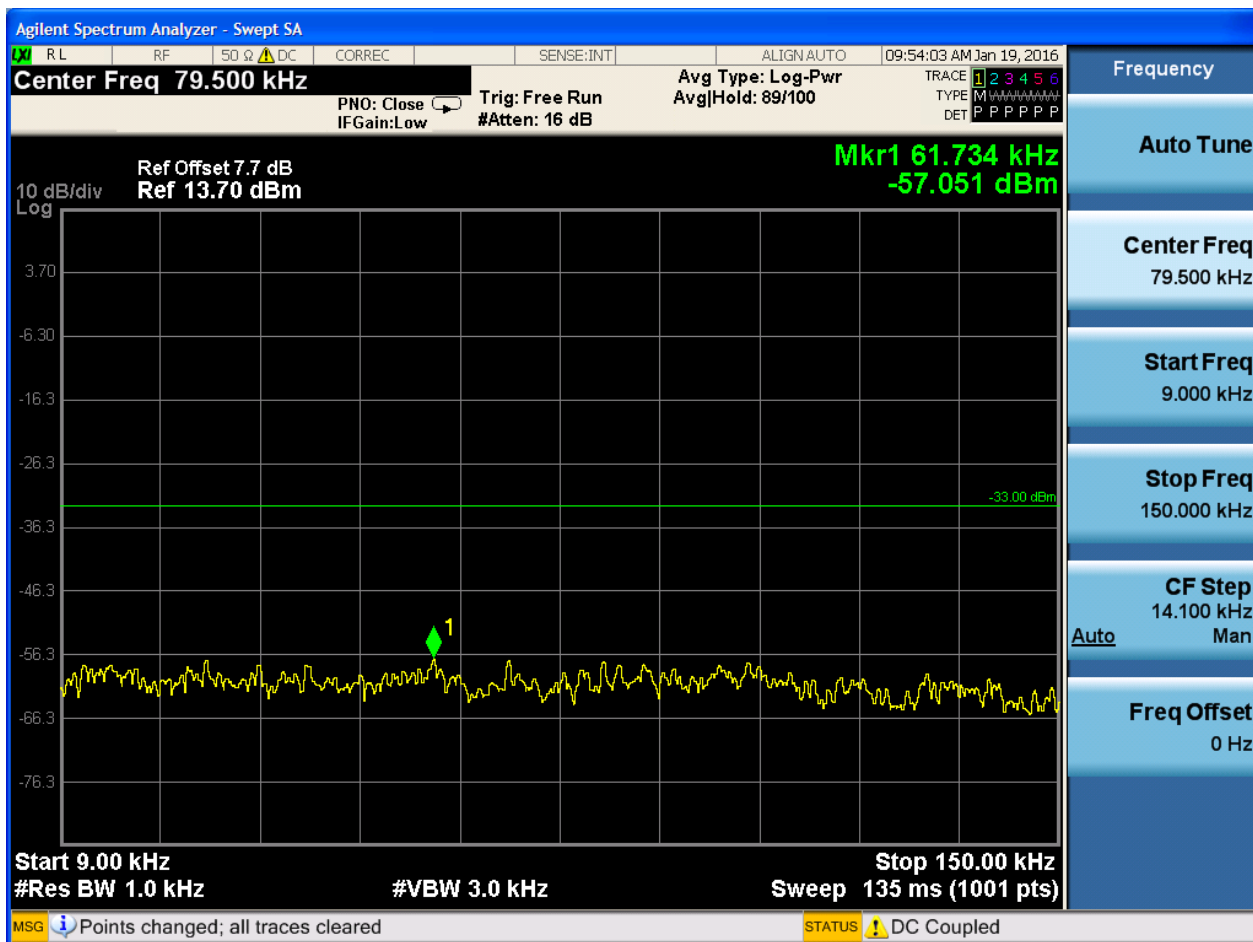




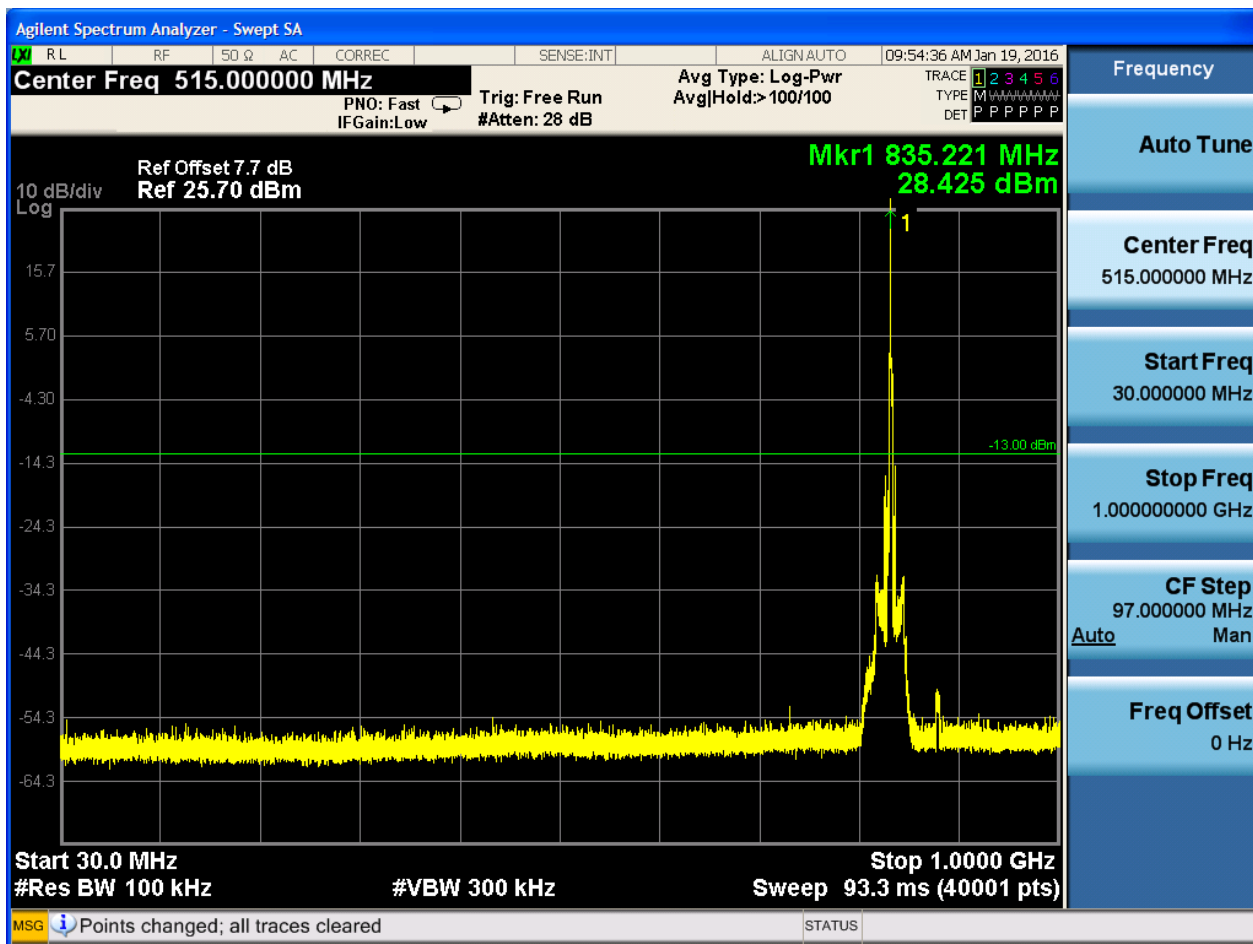


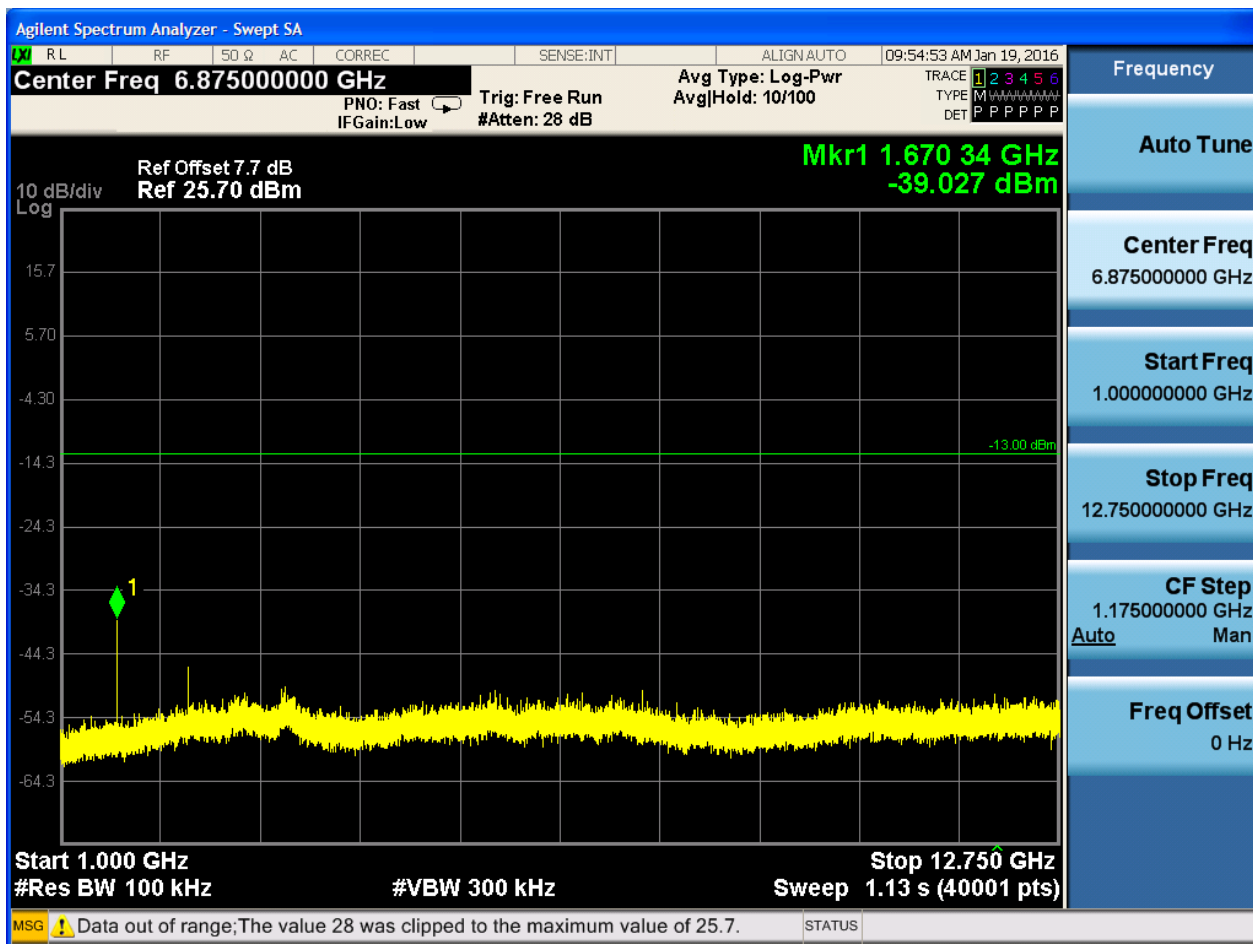
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0





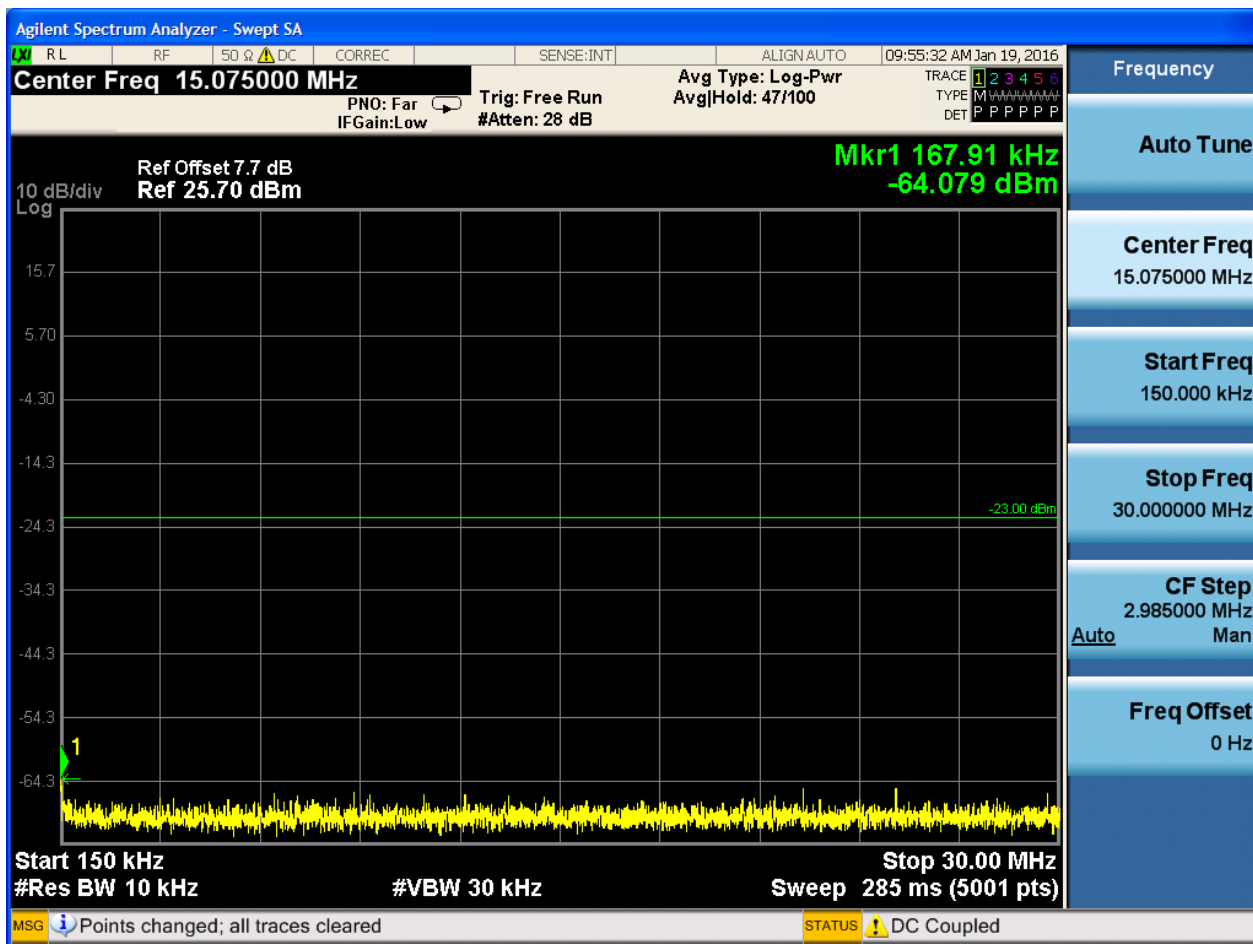


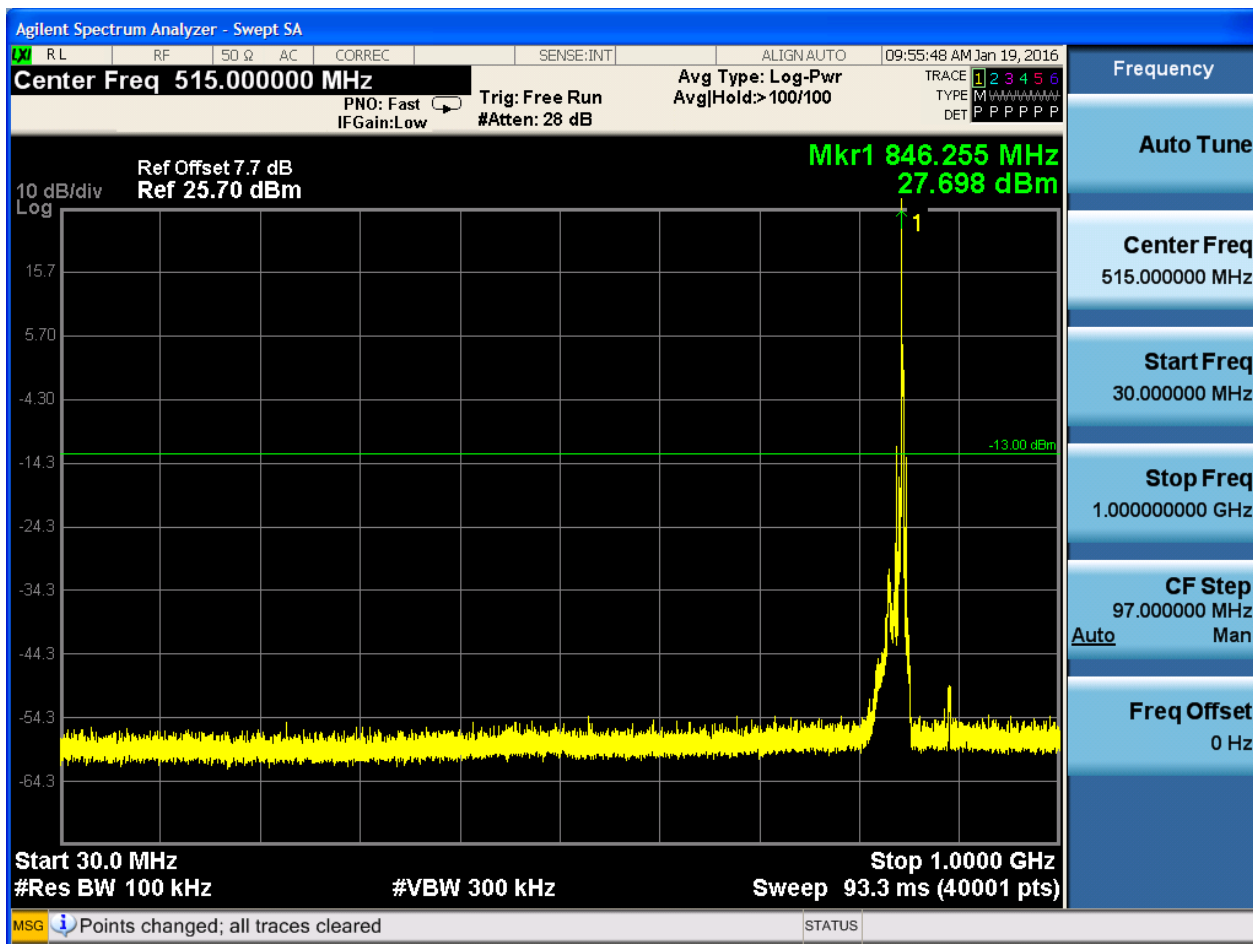


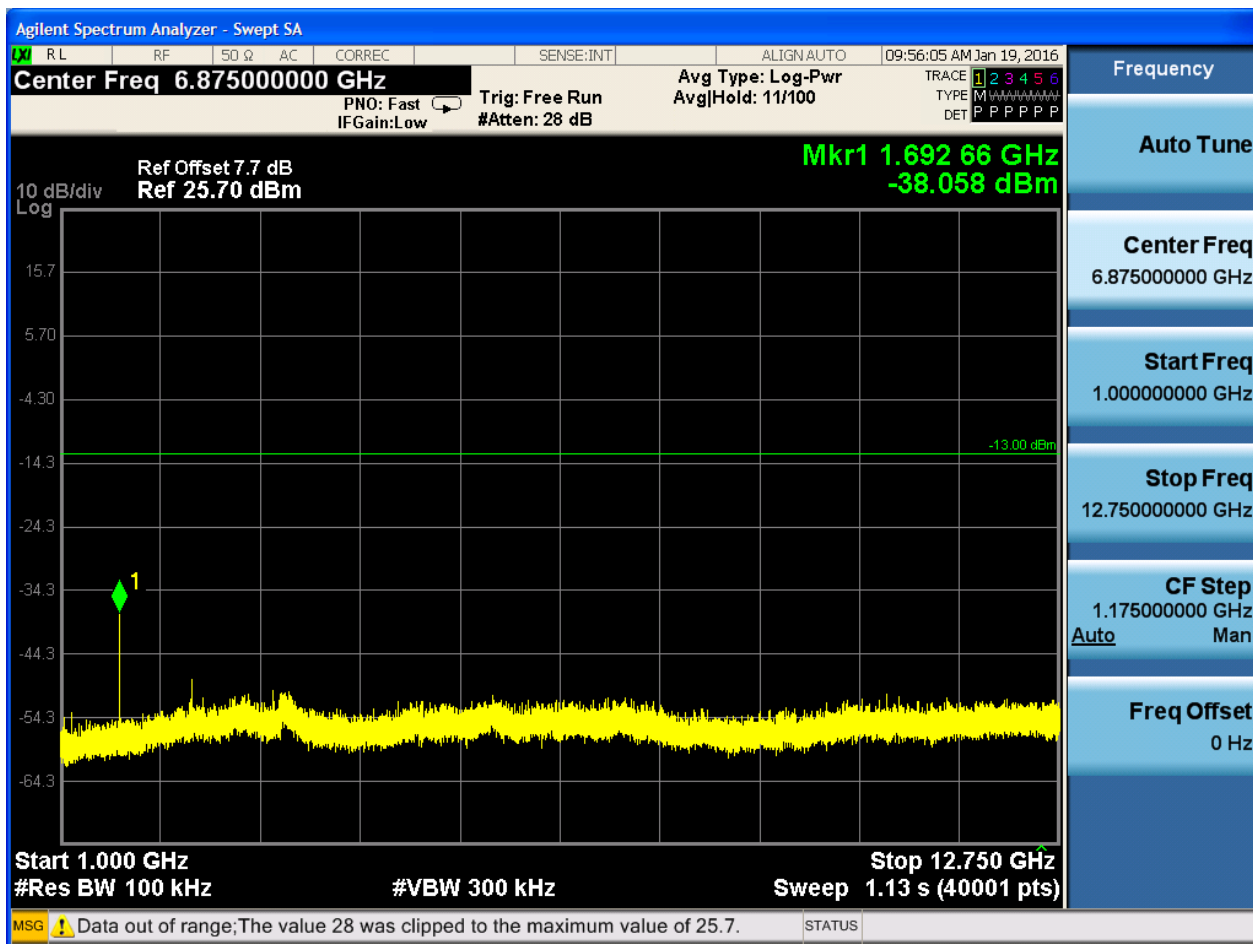
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







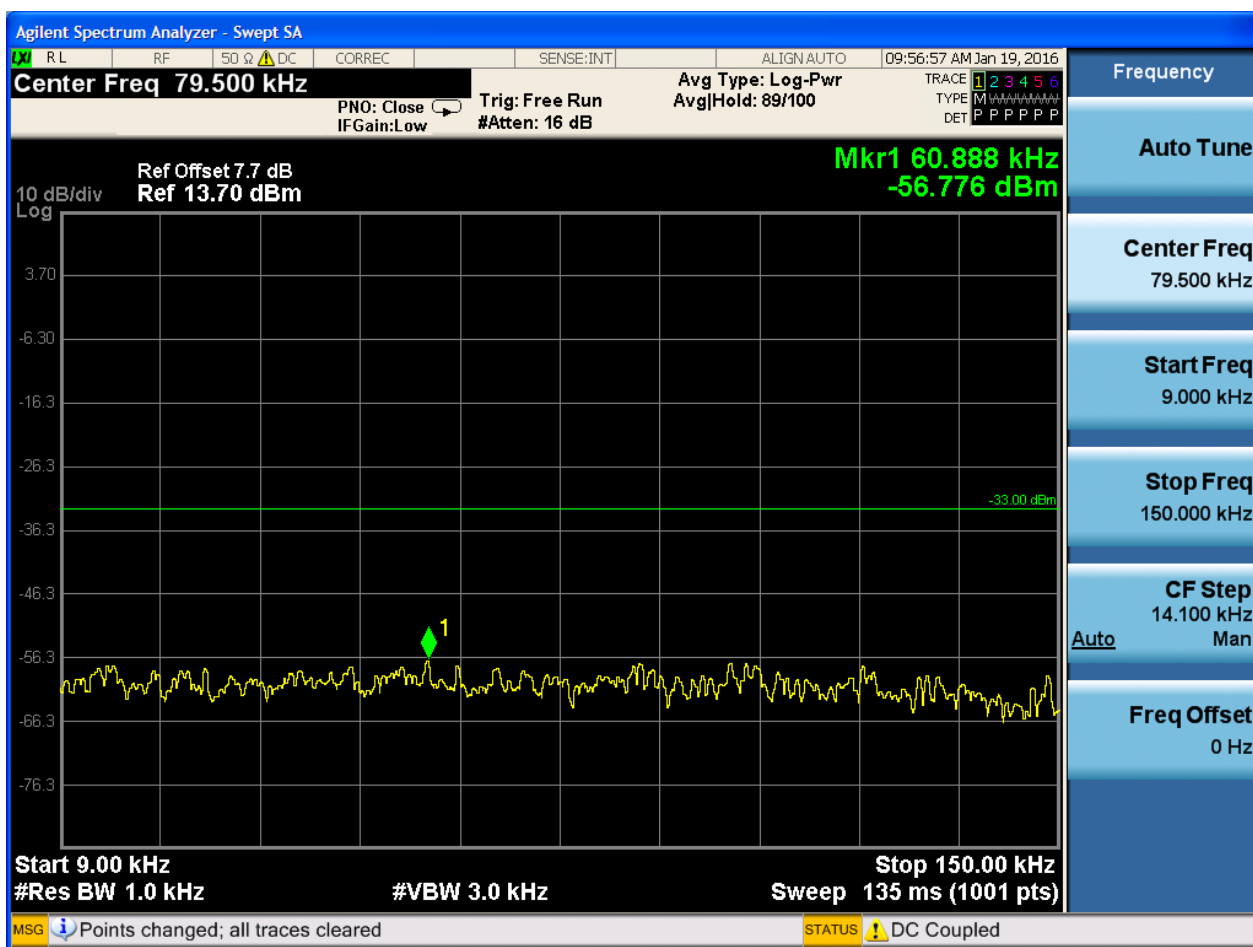


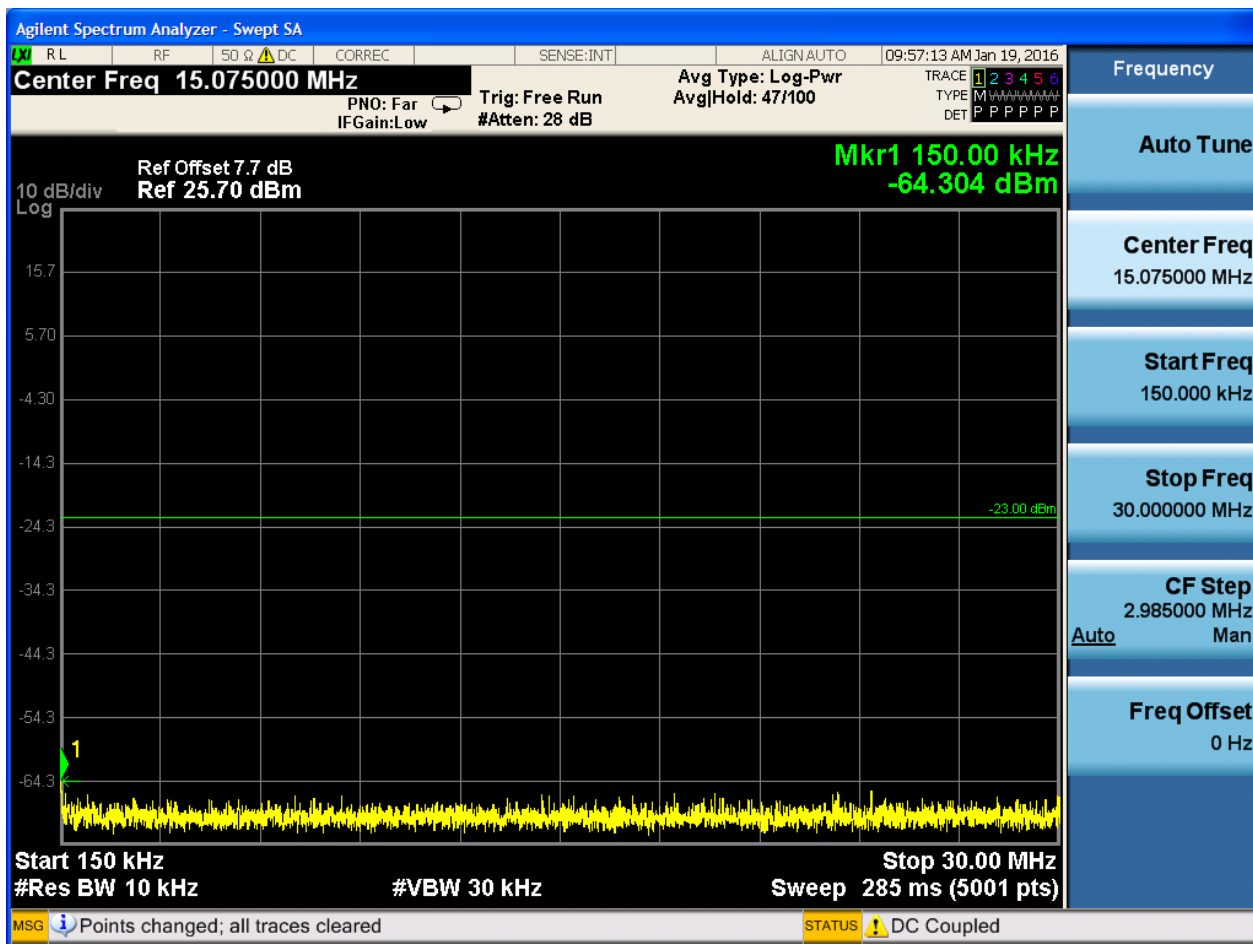


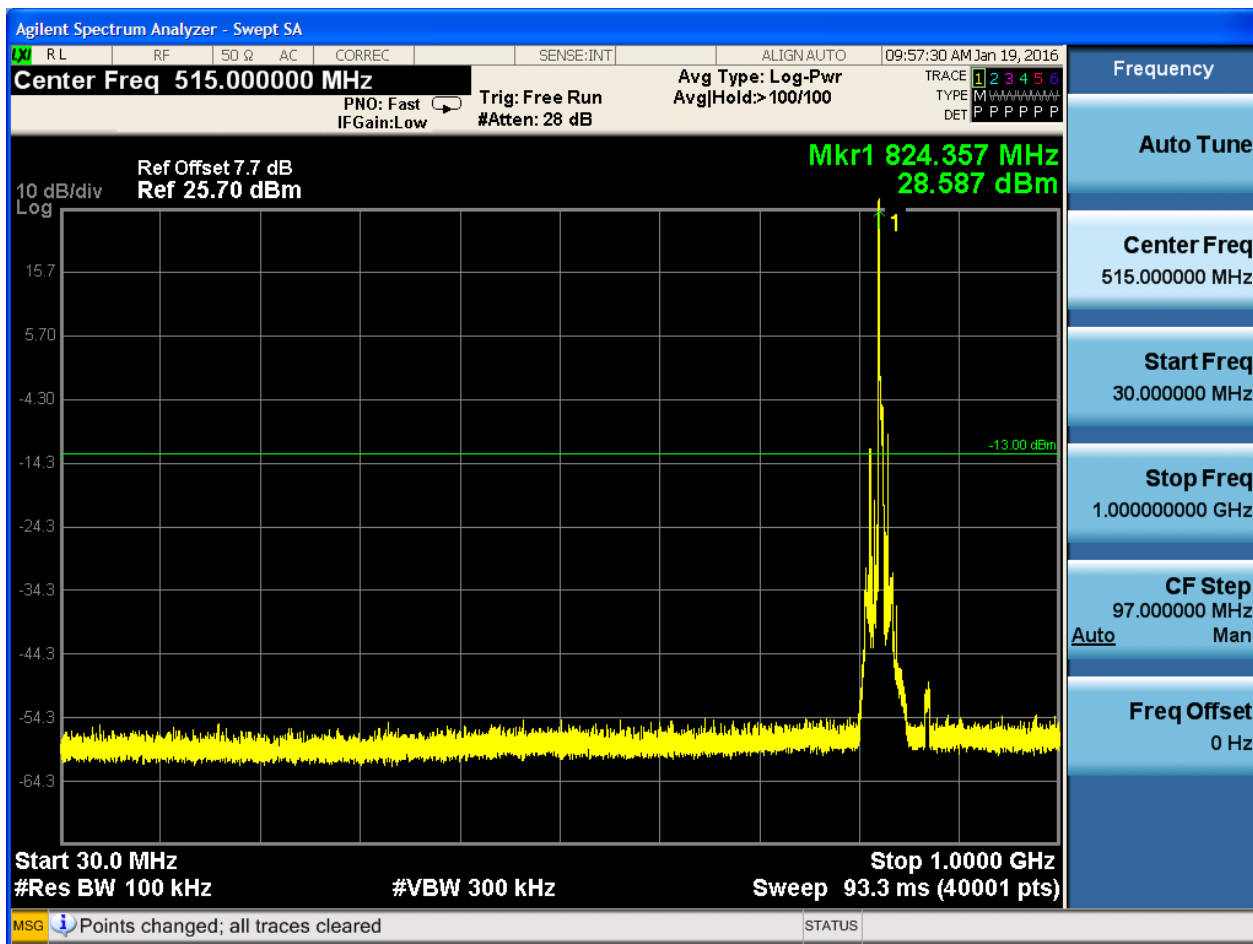
6.1.1.2.3 Test Bandwidth = 5

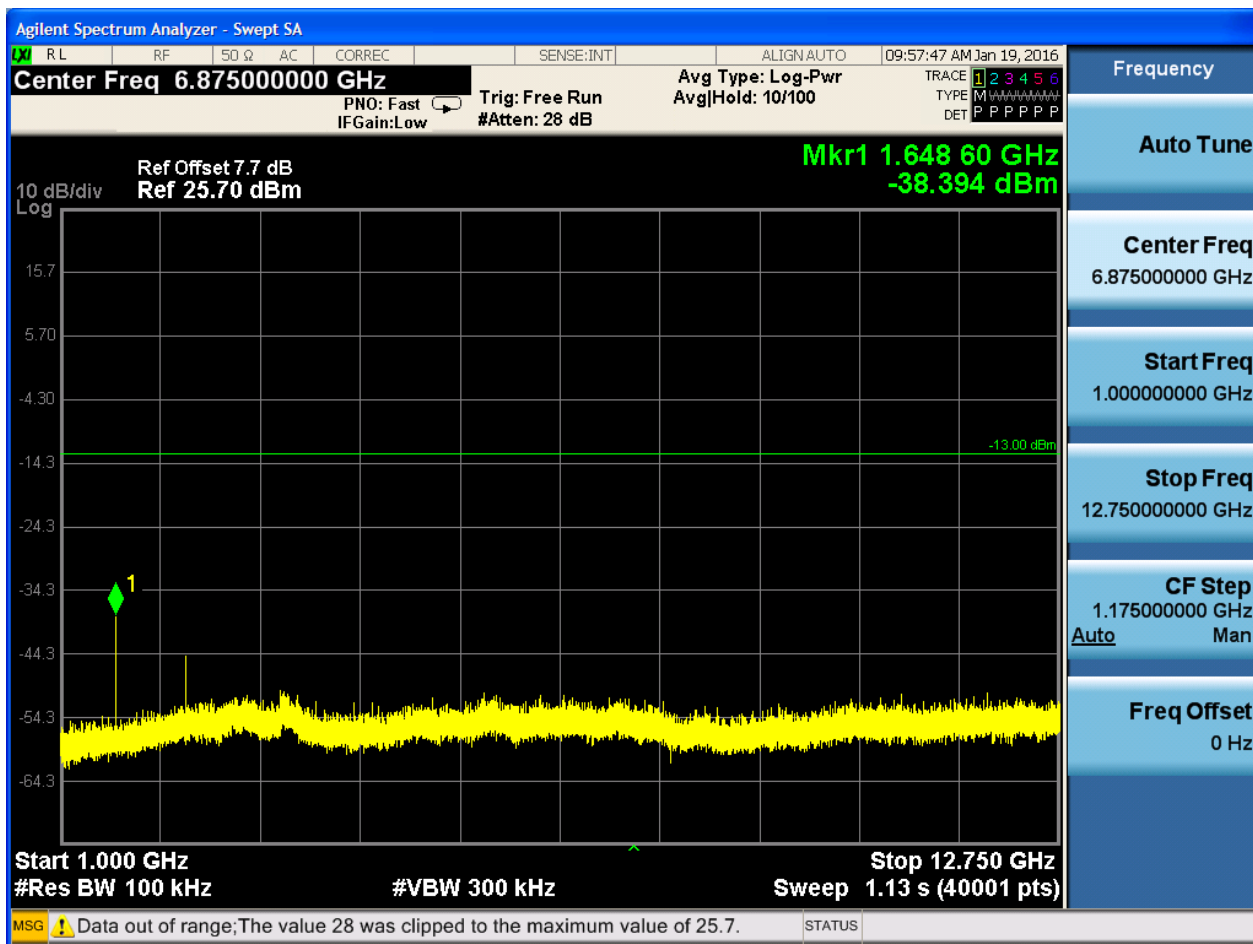
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



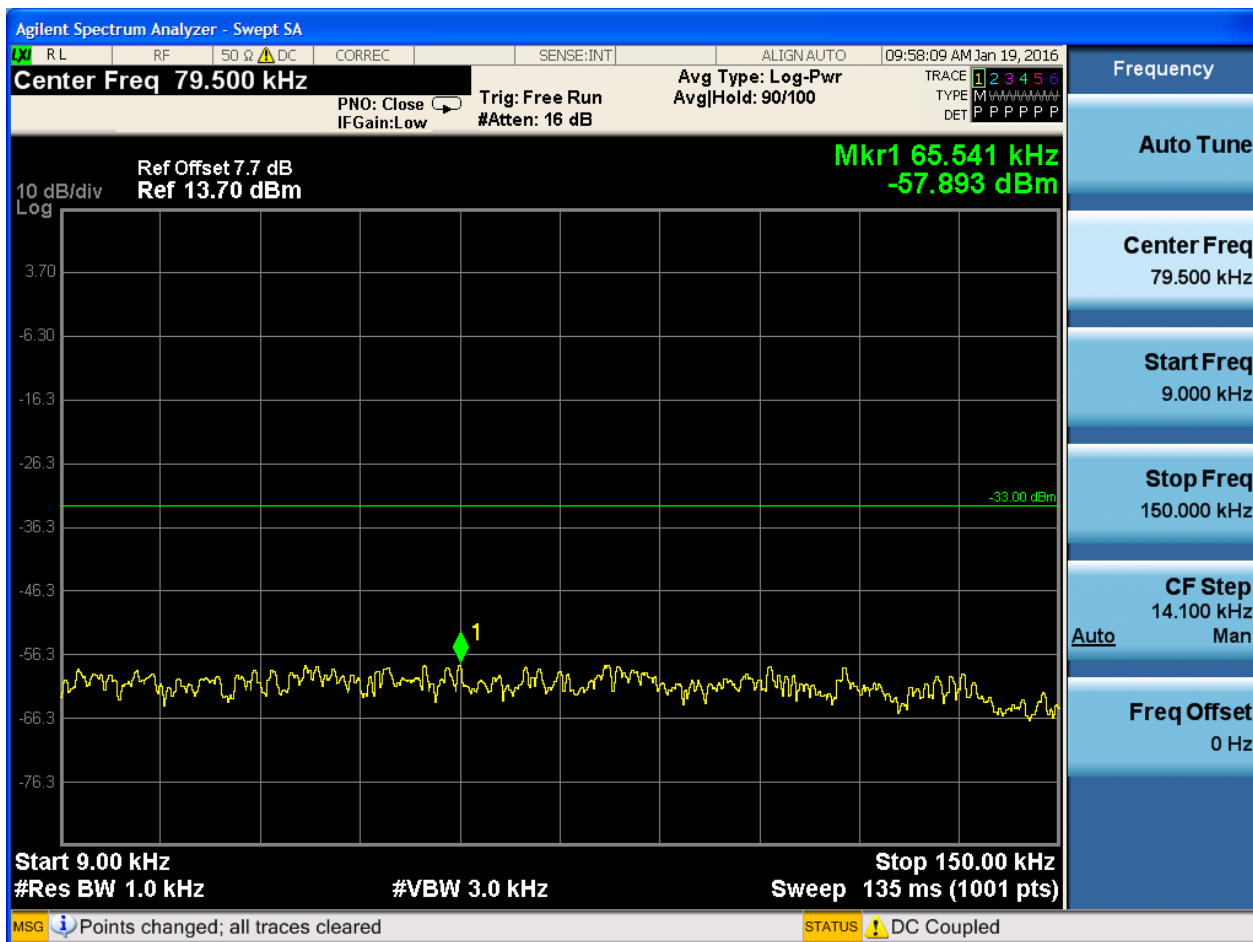


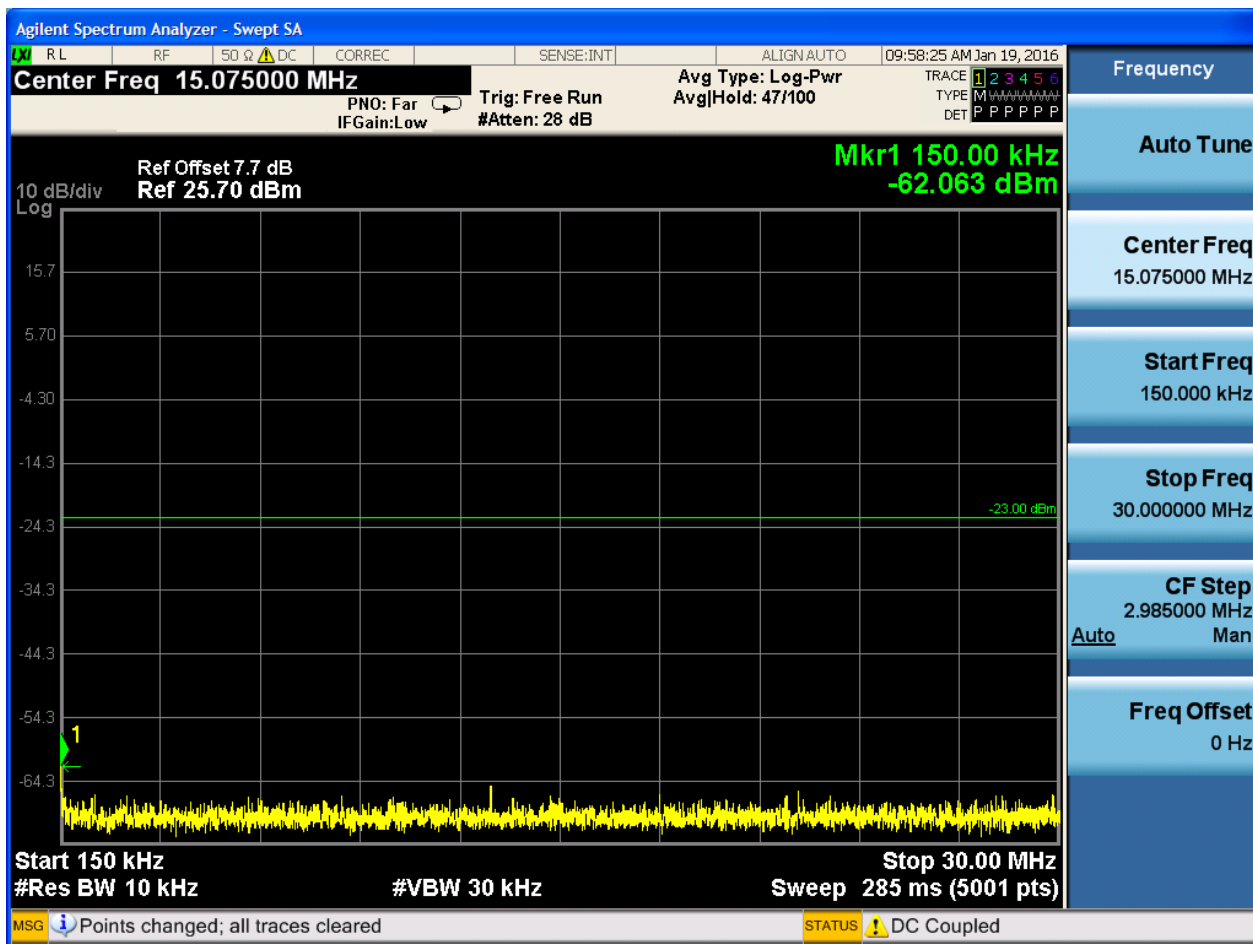


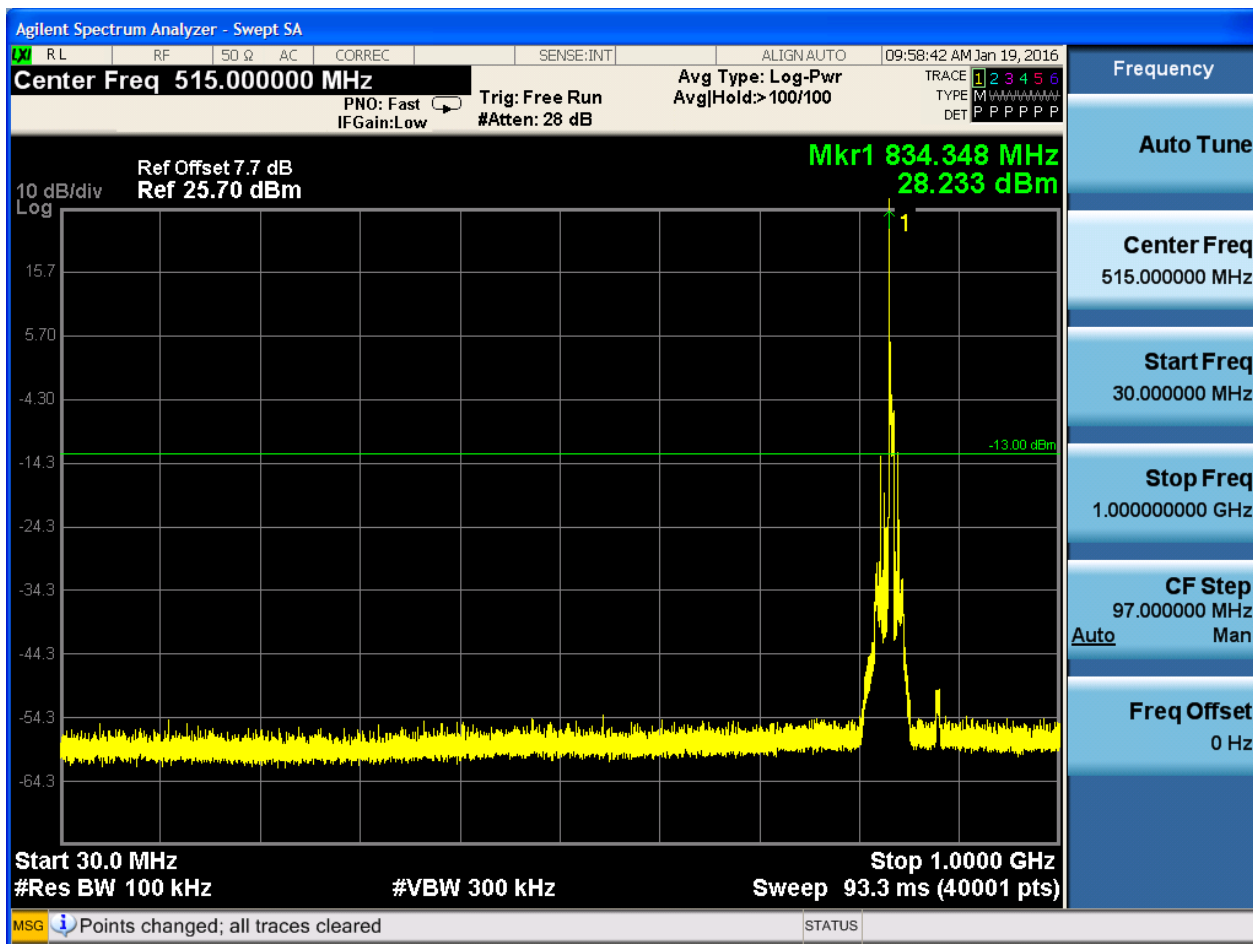


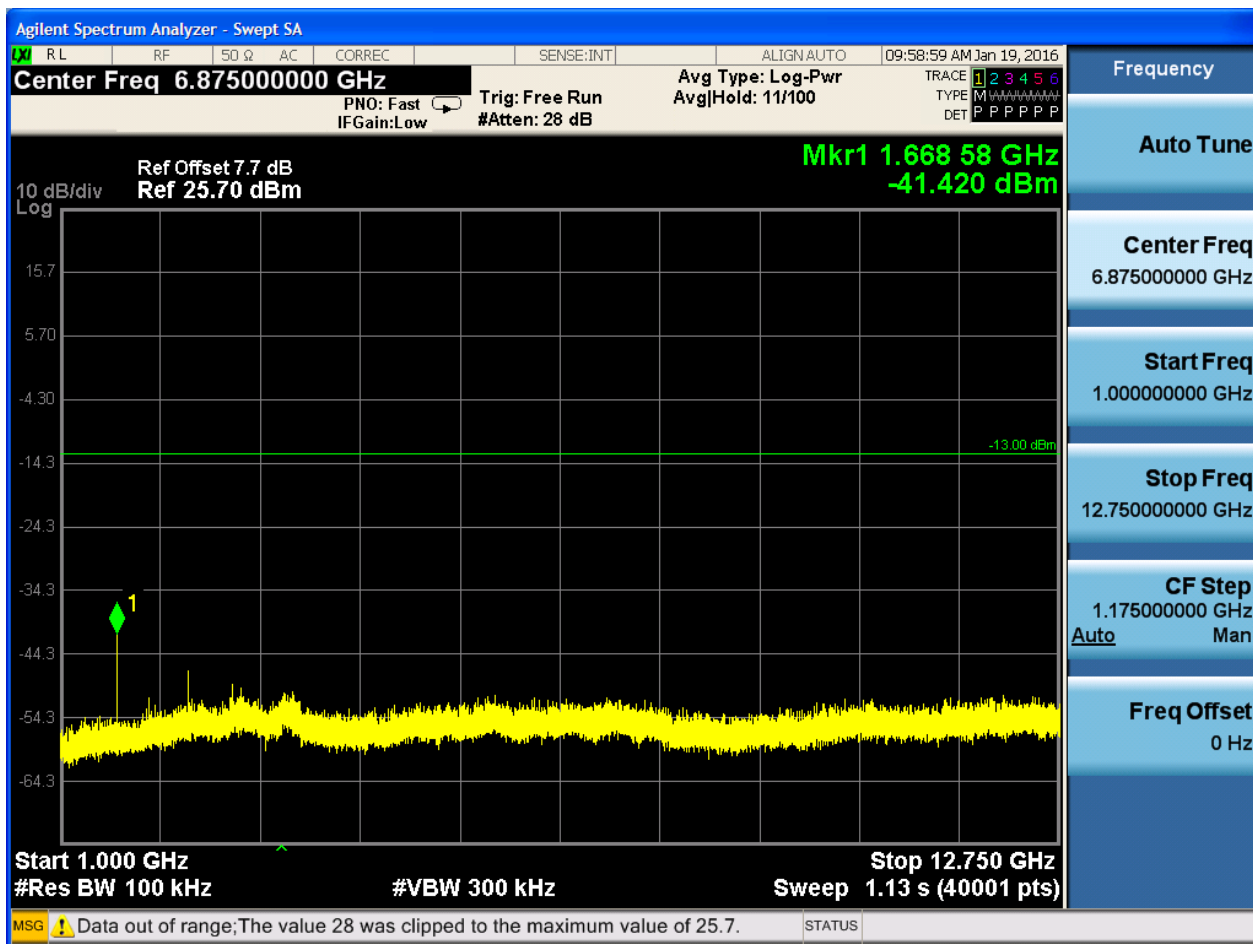
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0





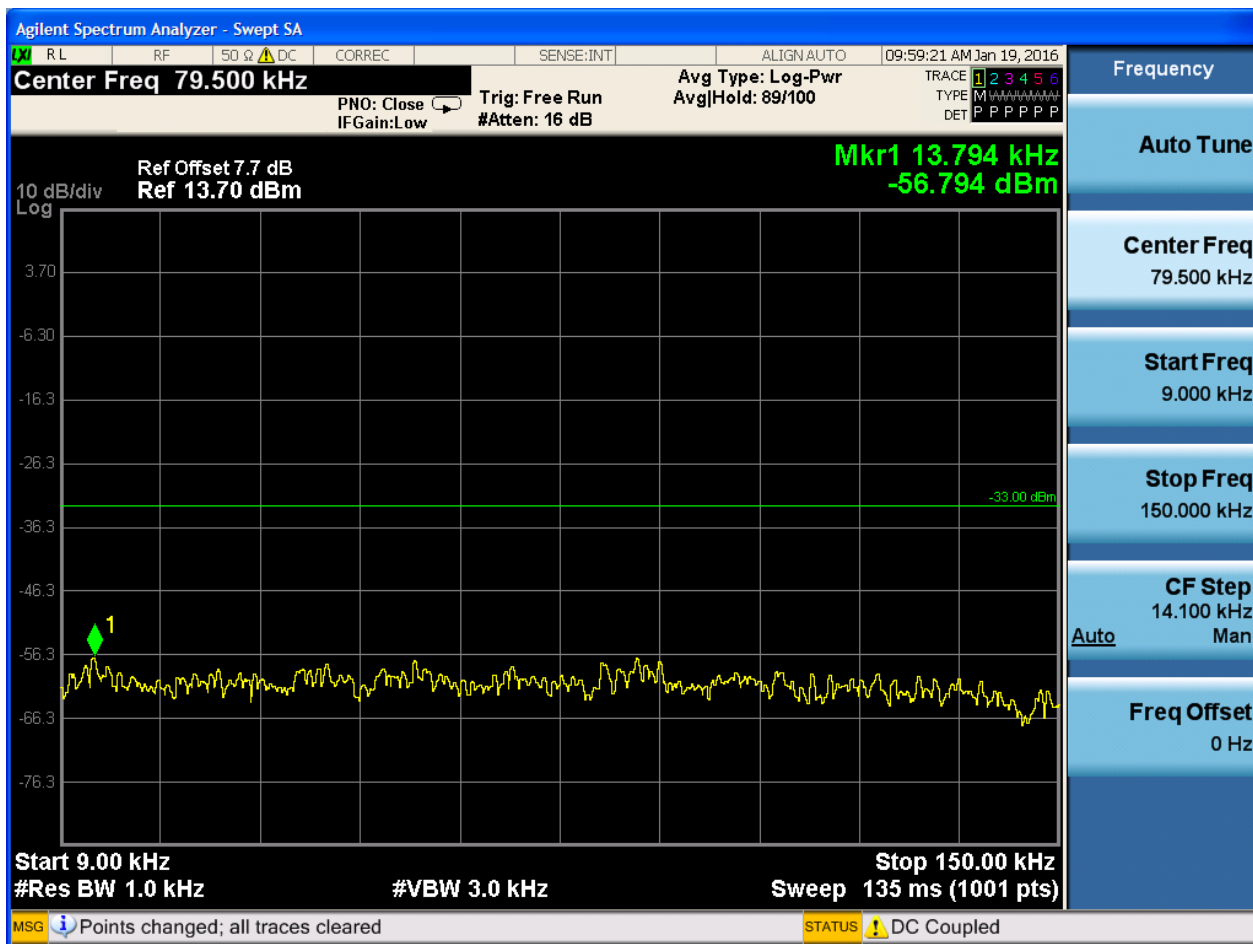




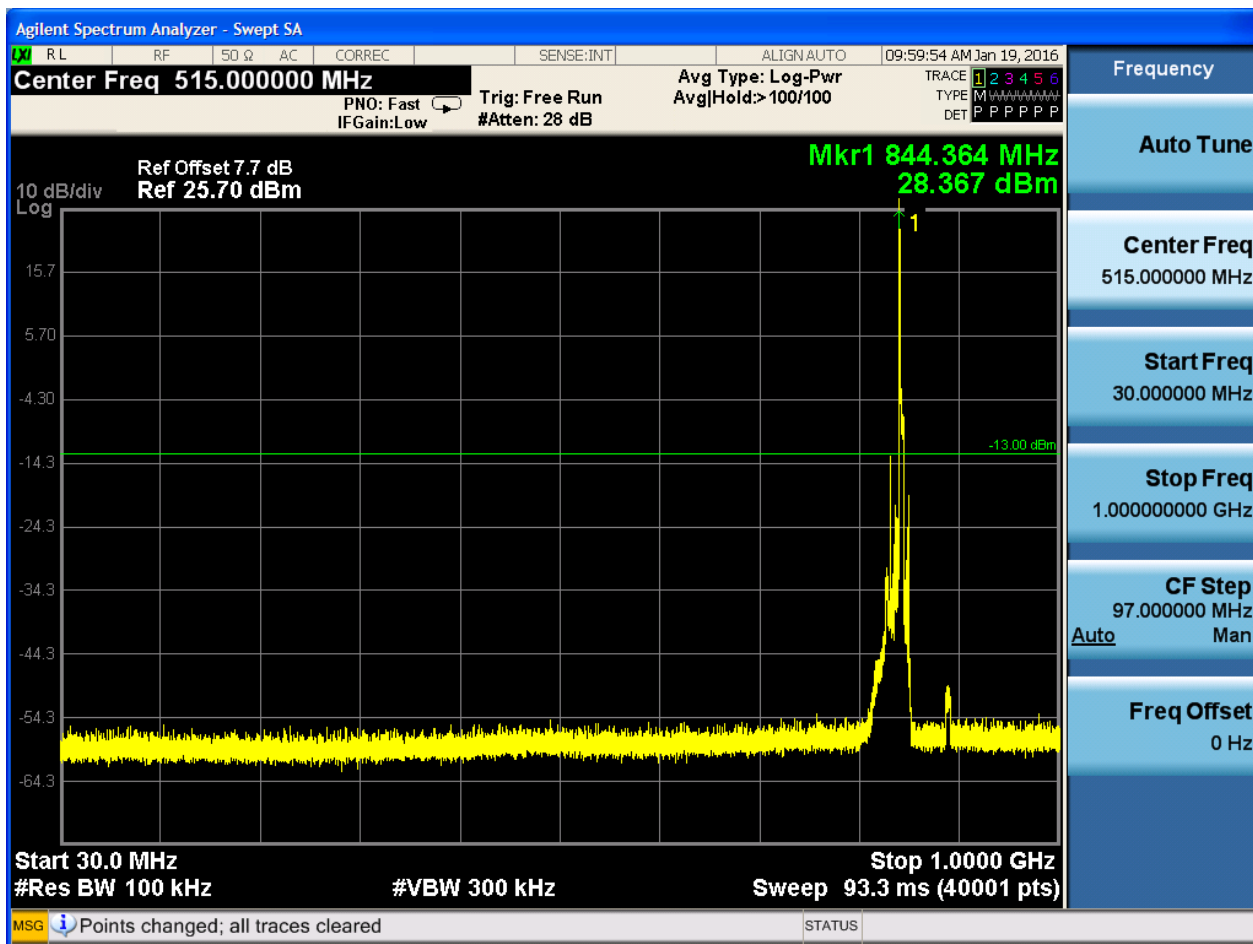


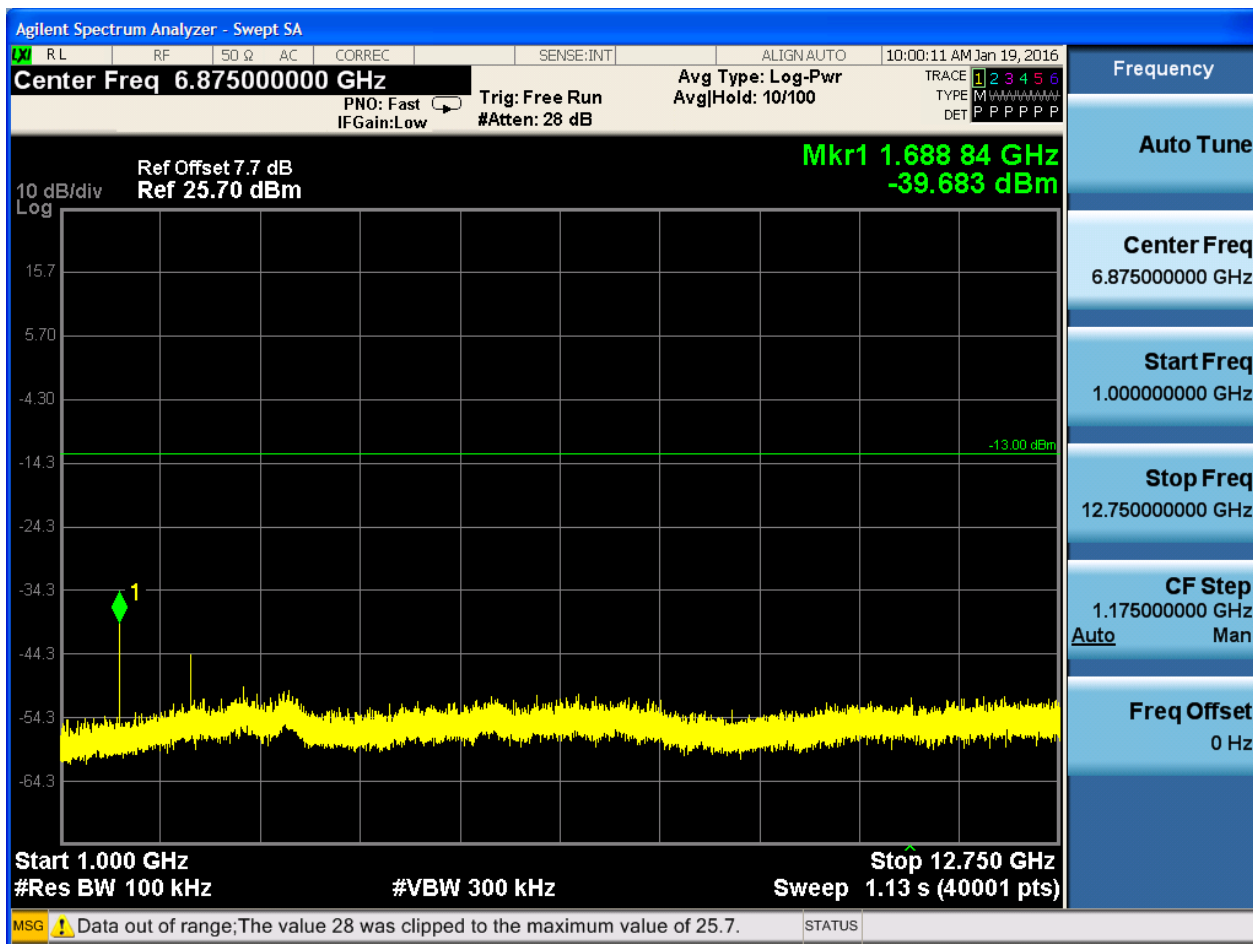
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







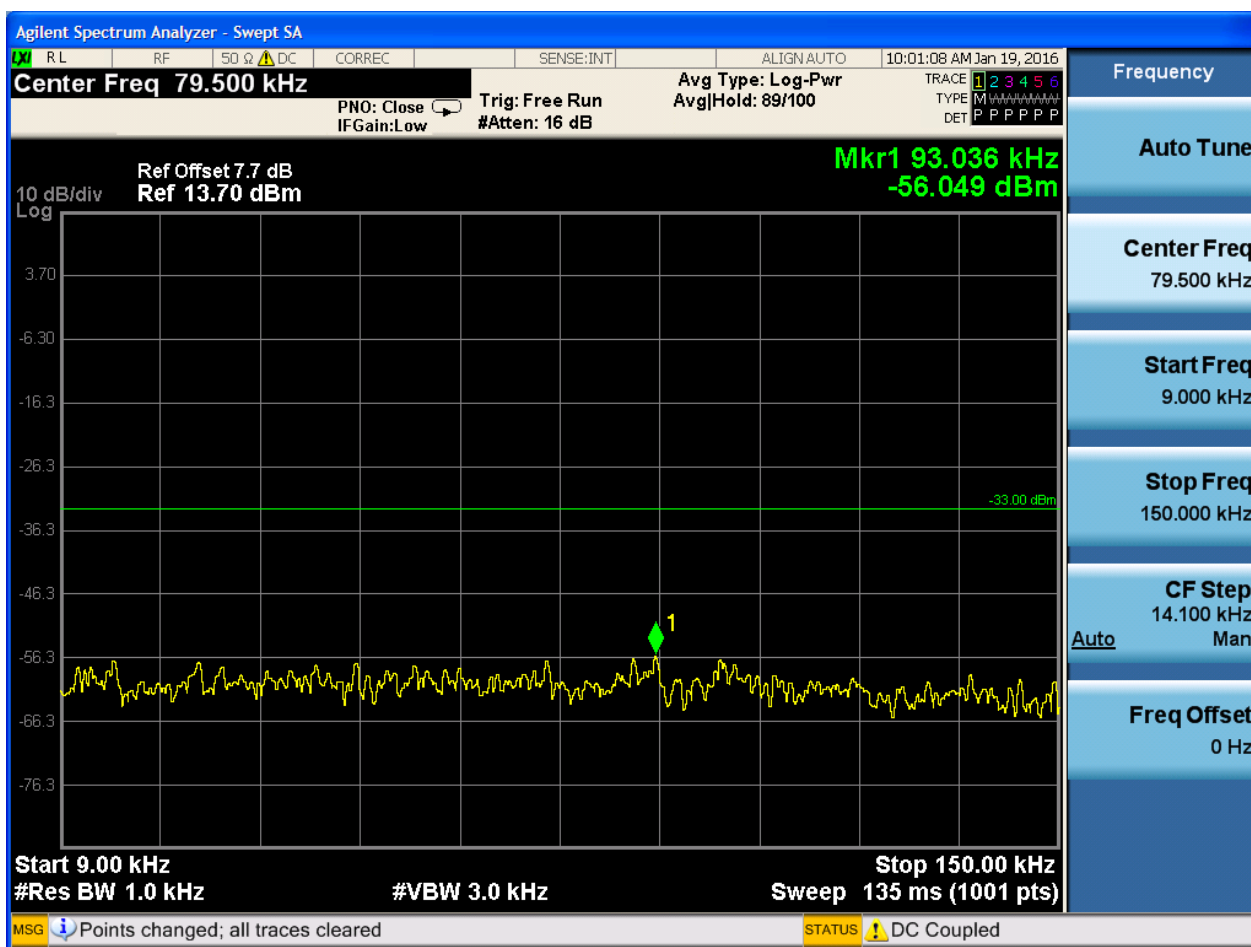


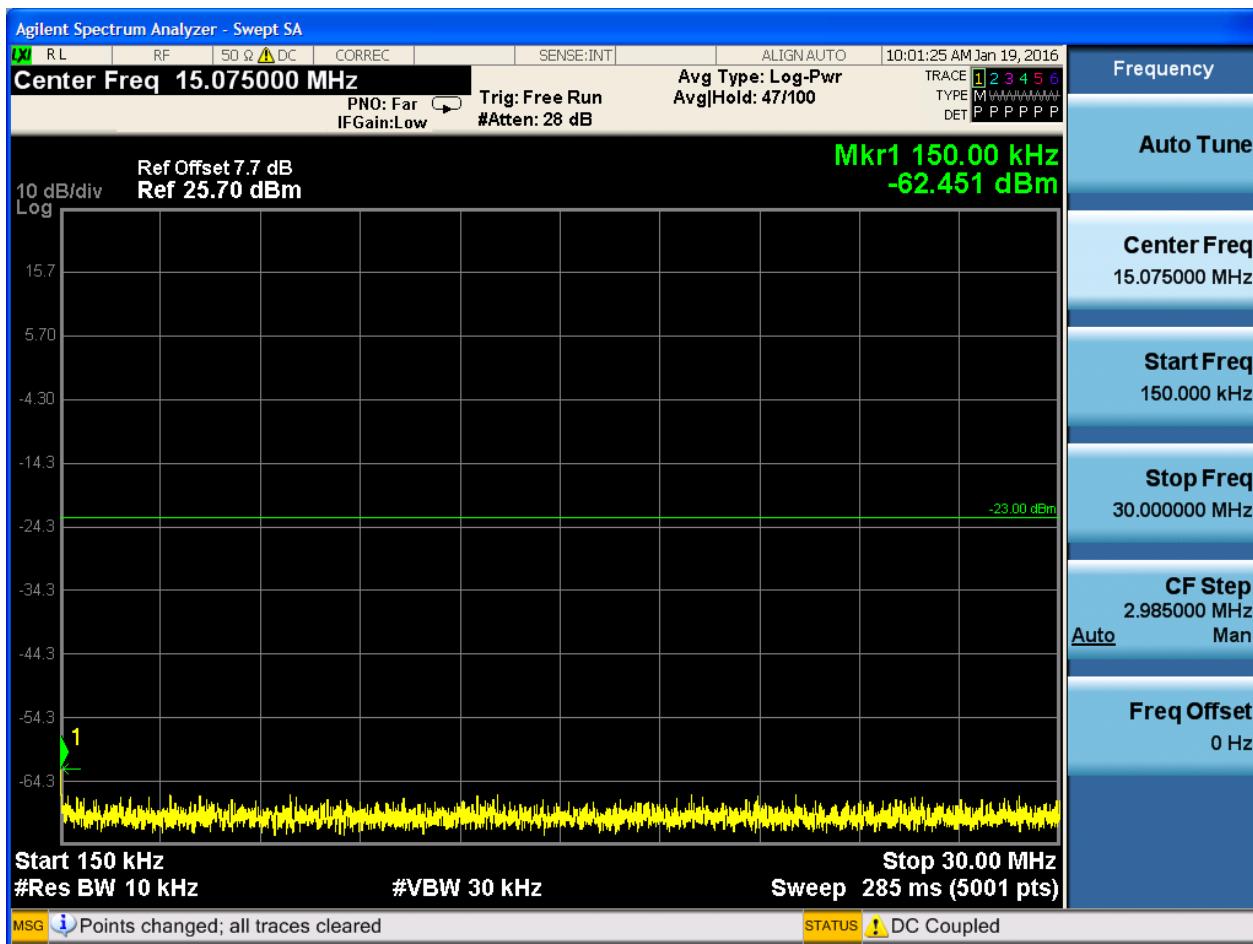


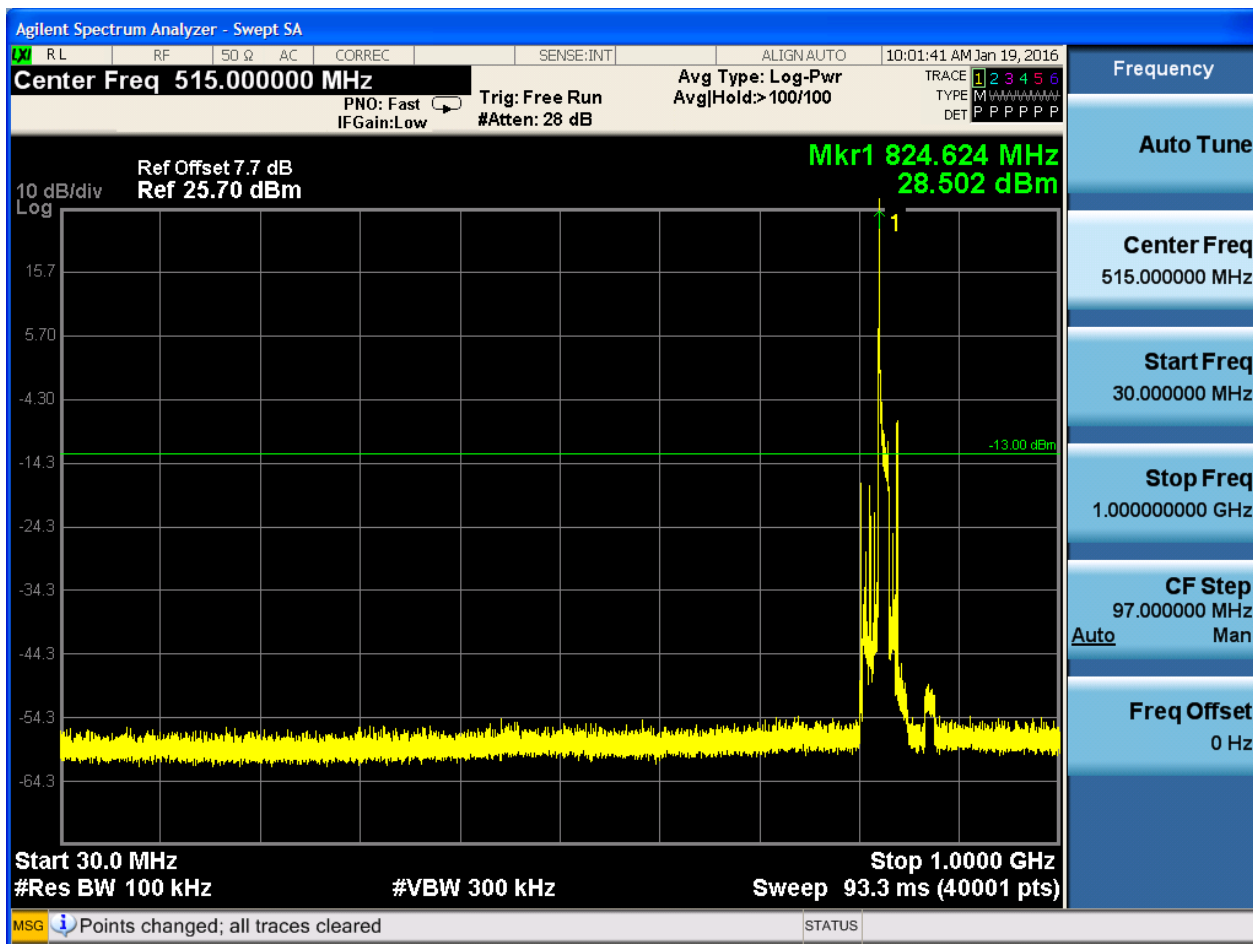
6.1.1.2.4 Test Bandwidth = 10

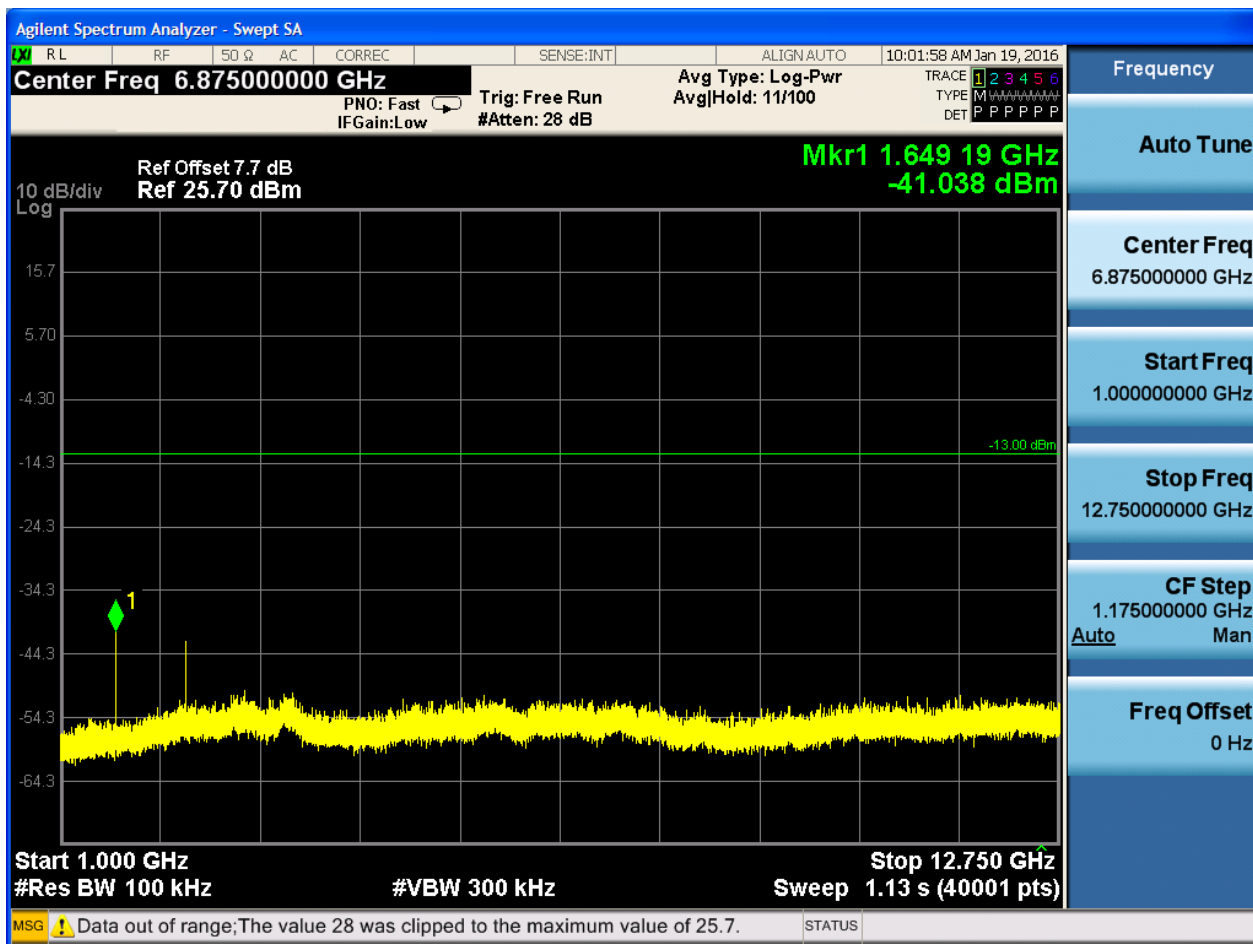
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



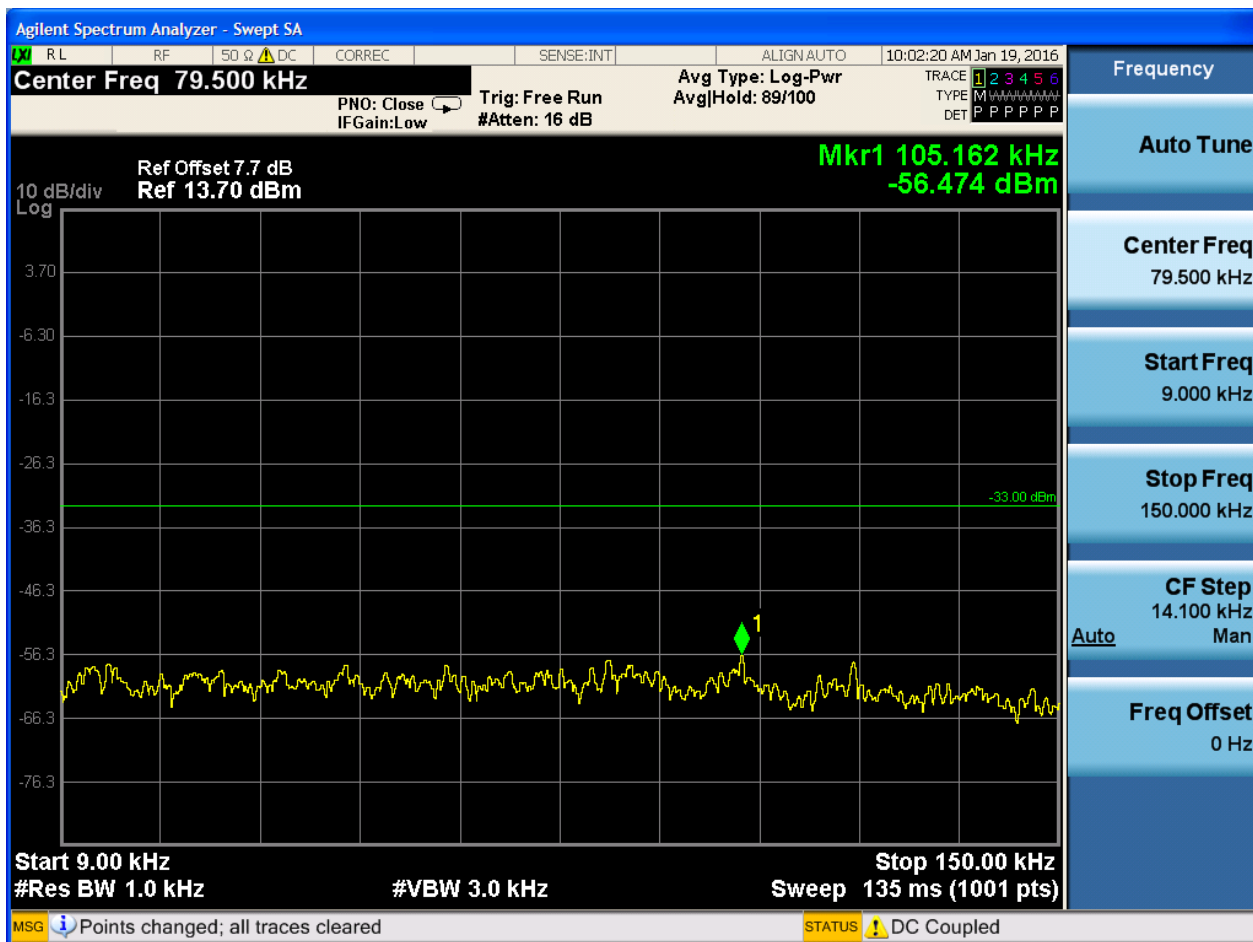


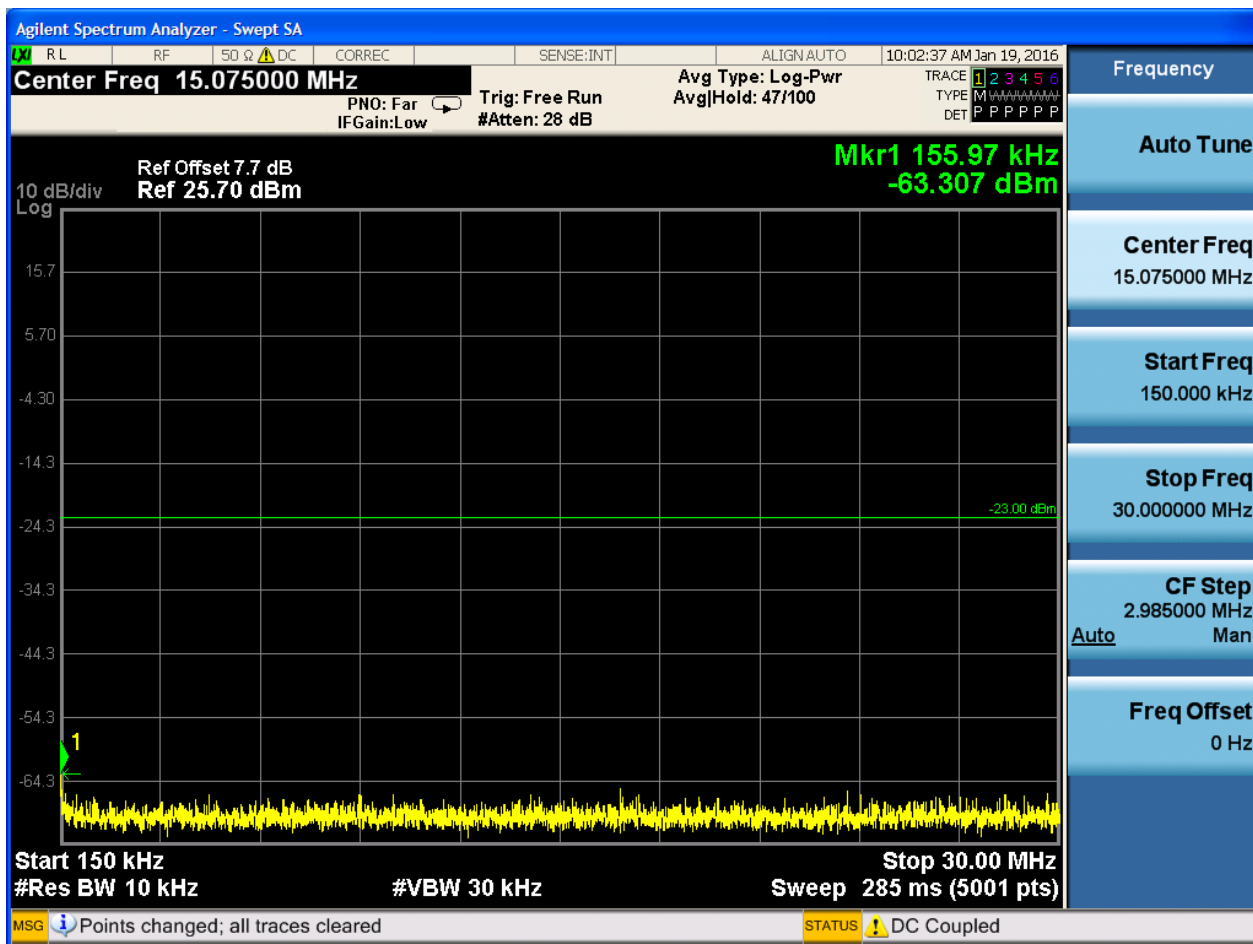


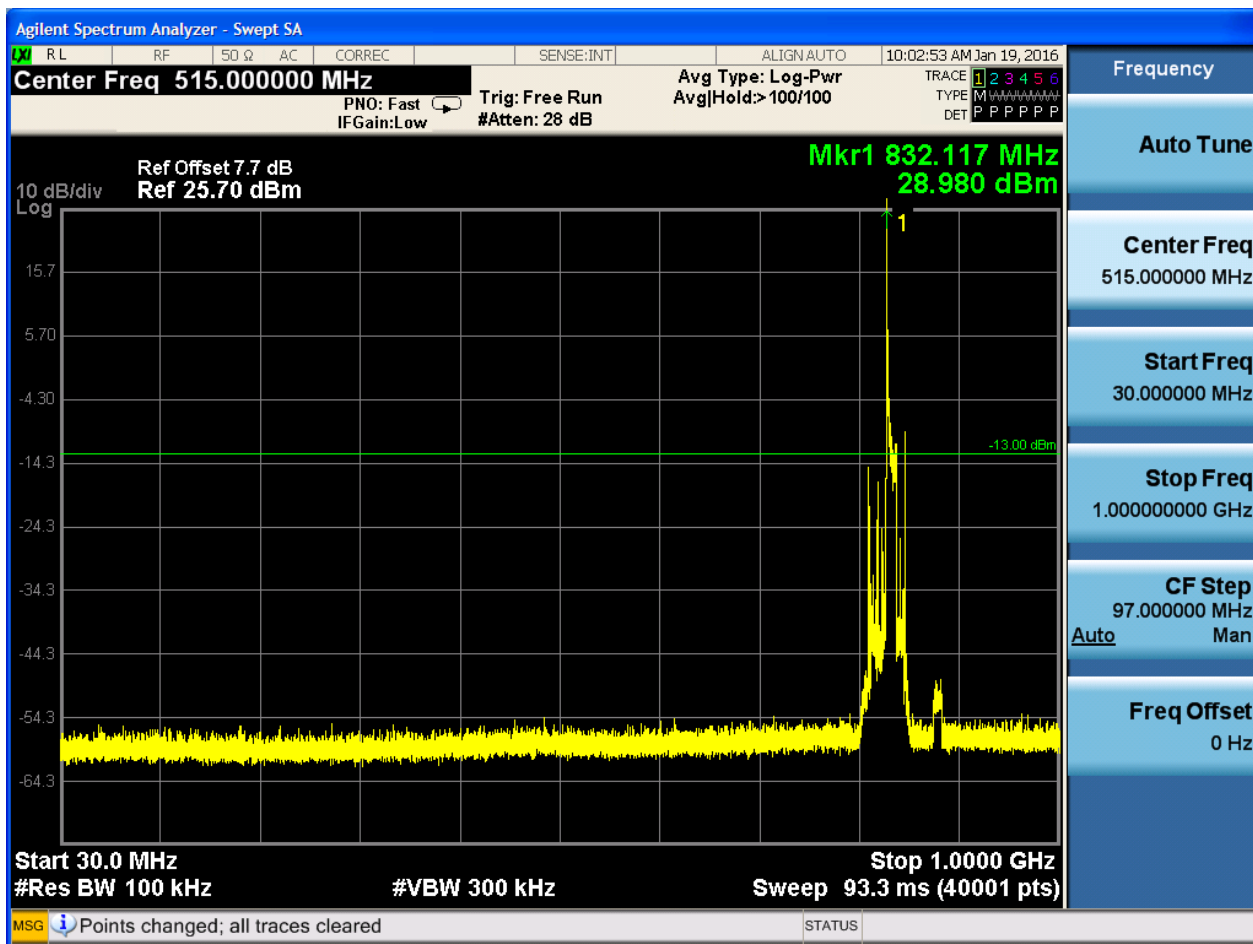


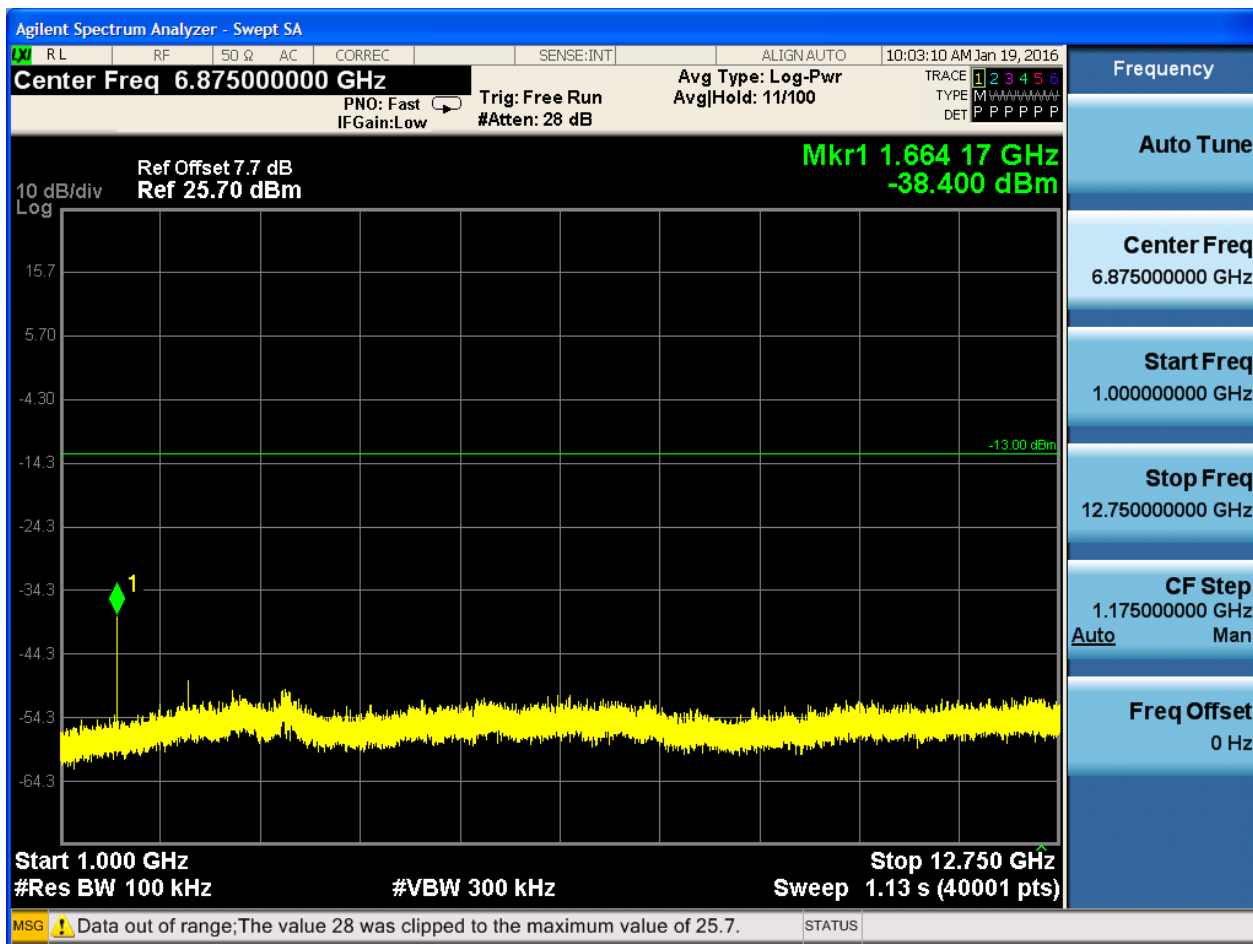
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



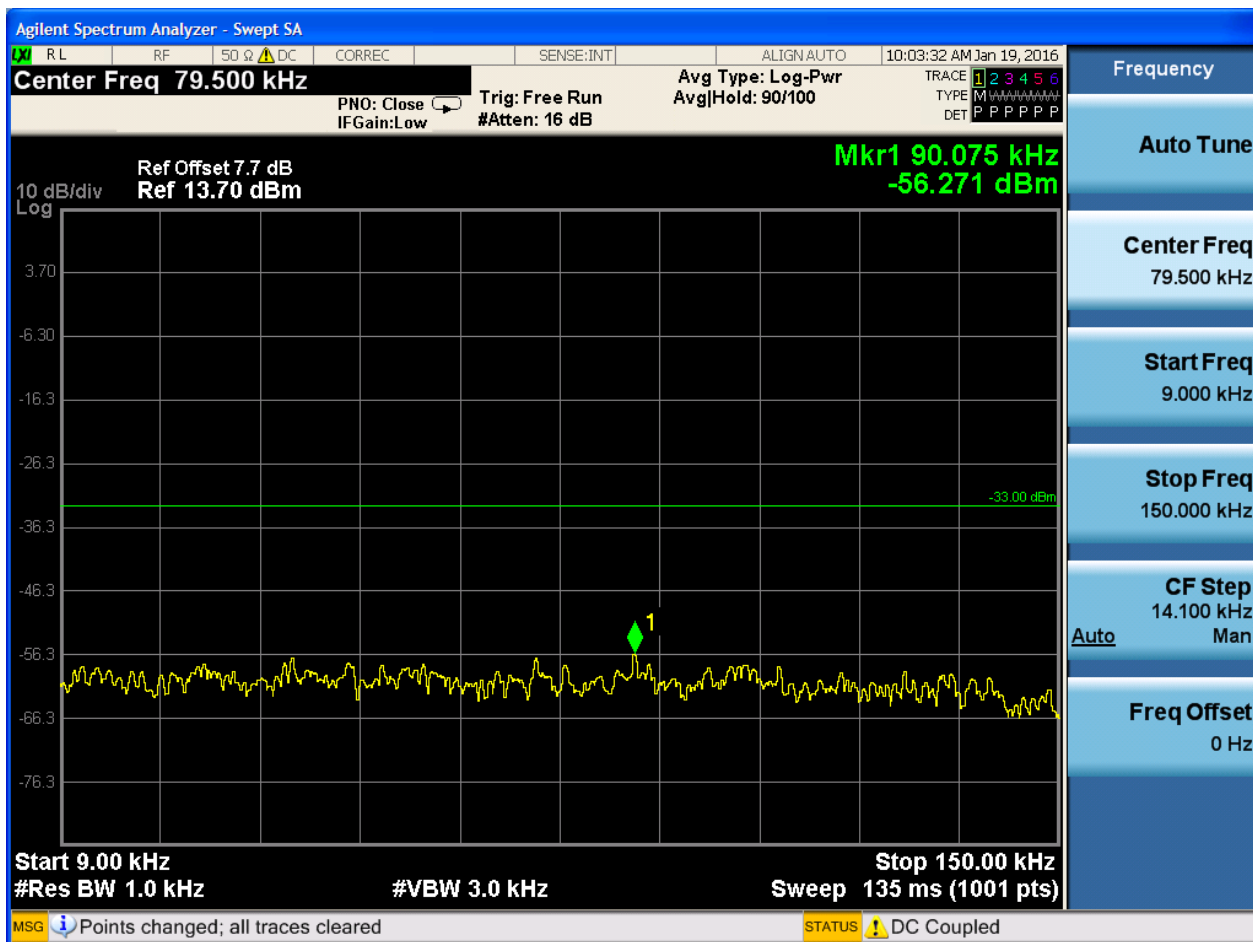


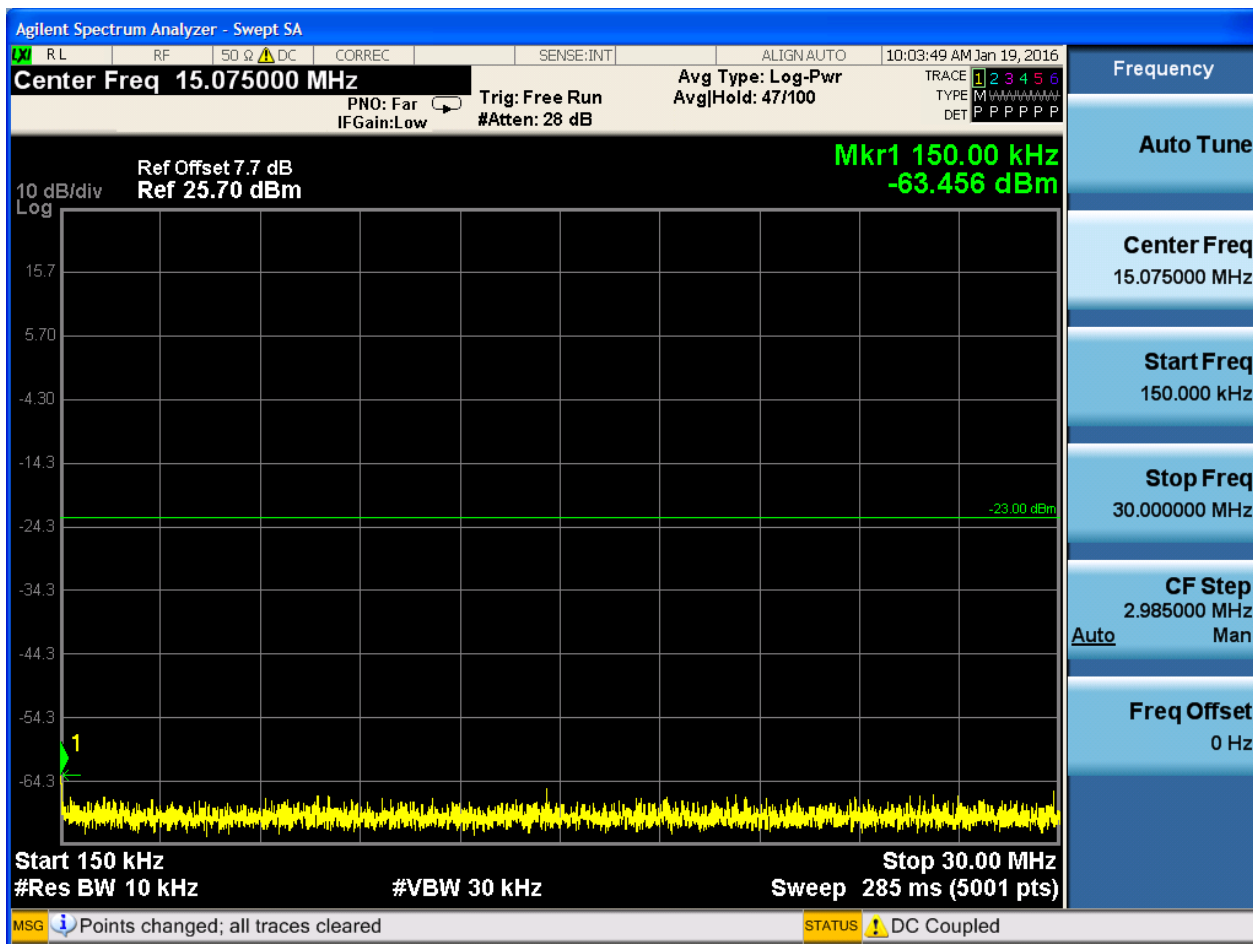


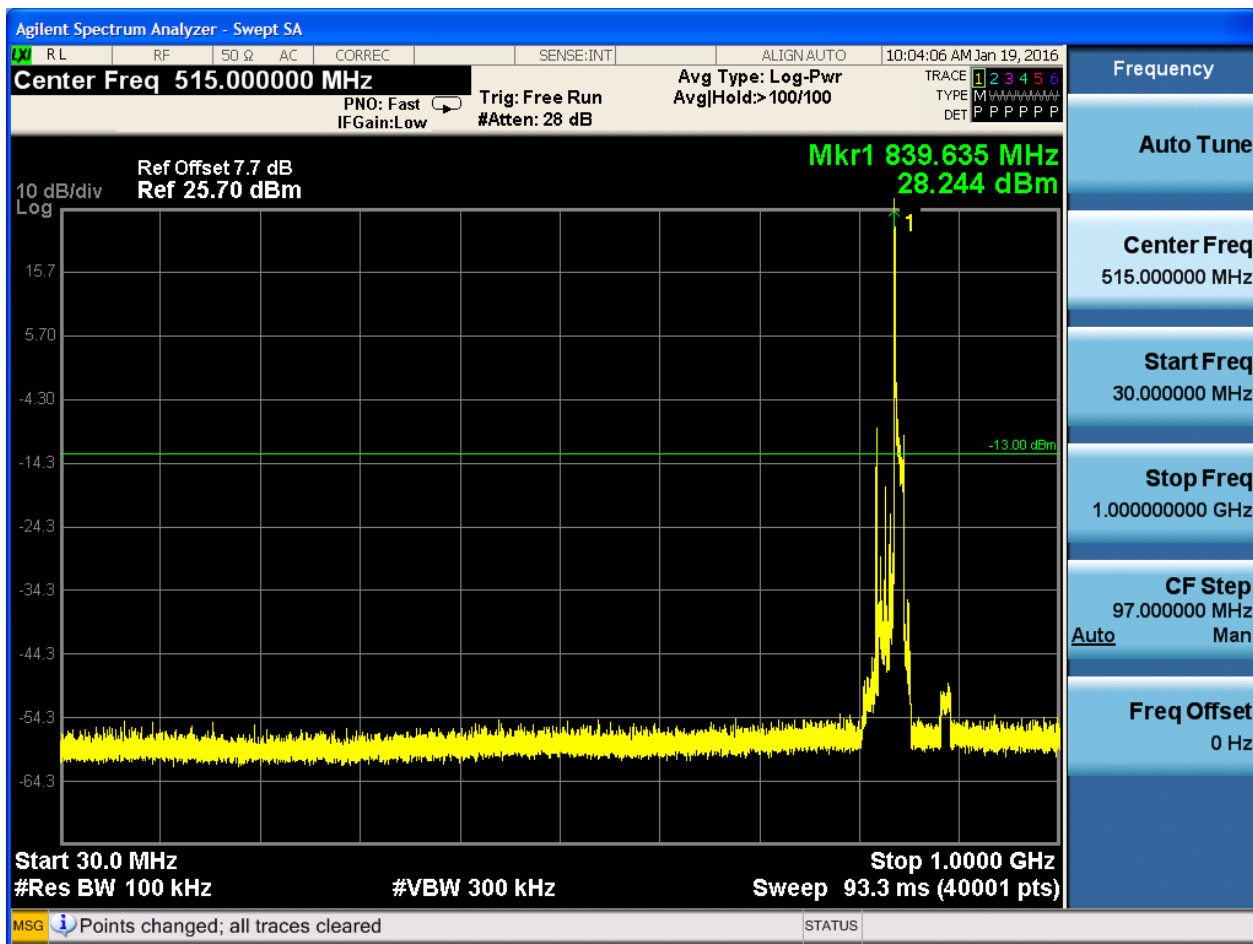


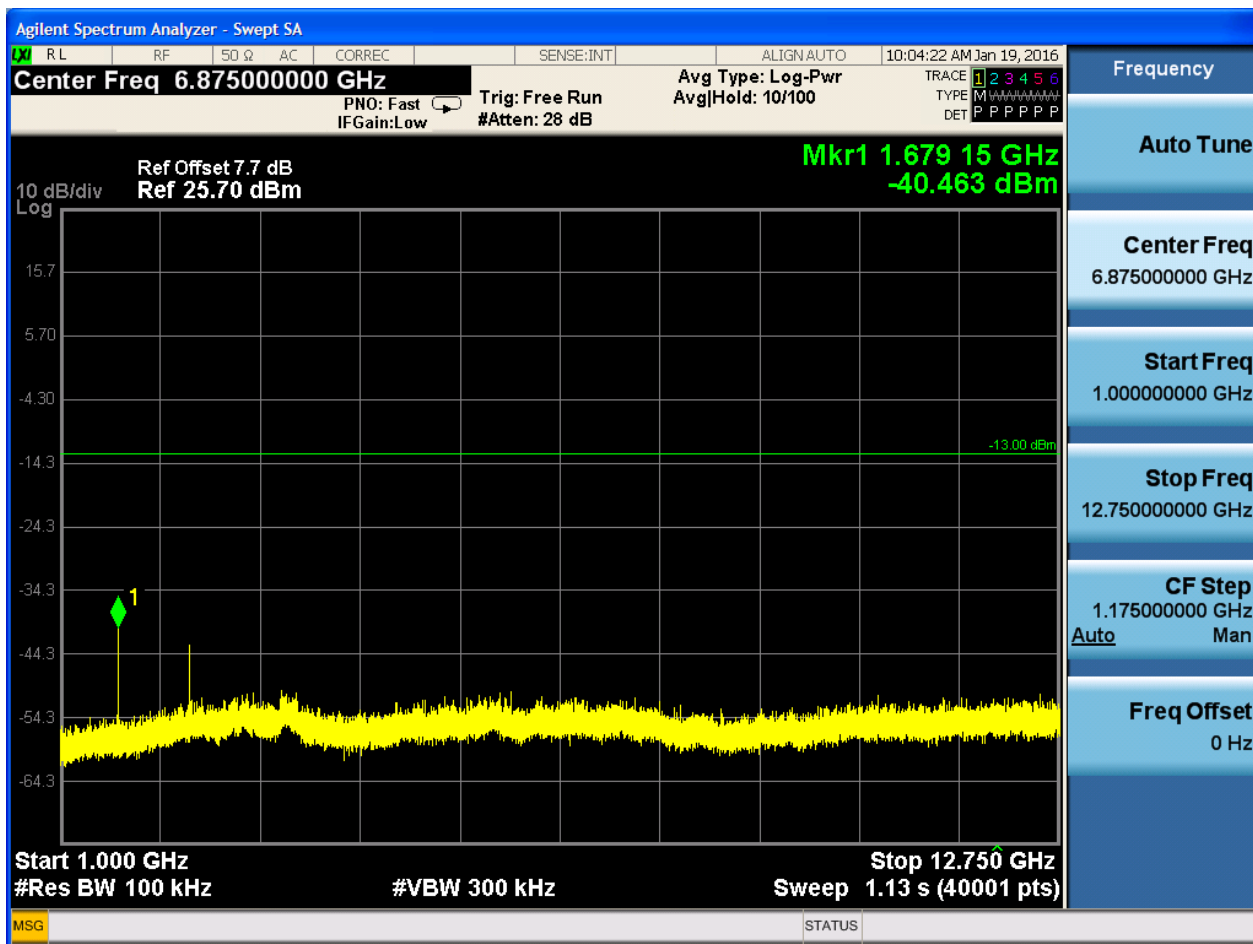
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0







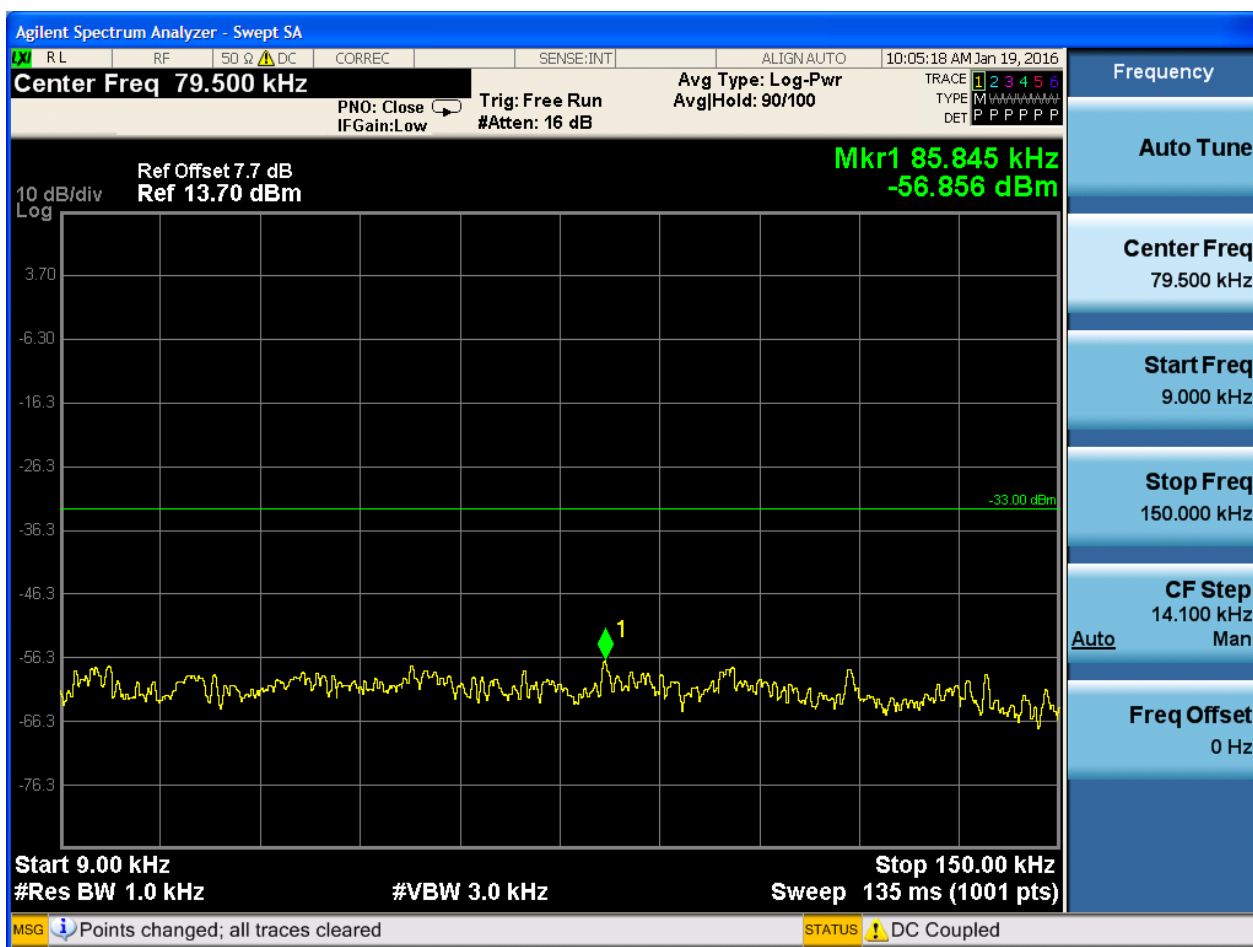


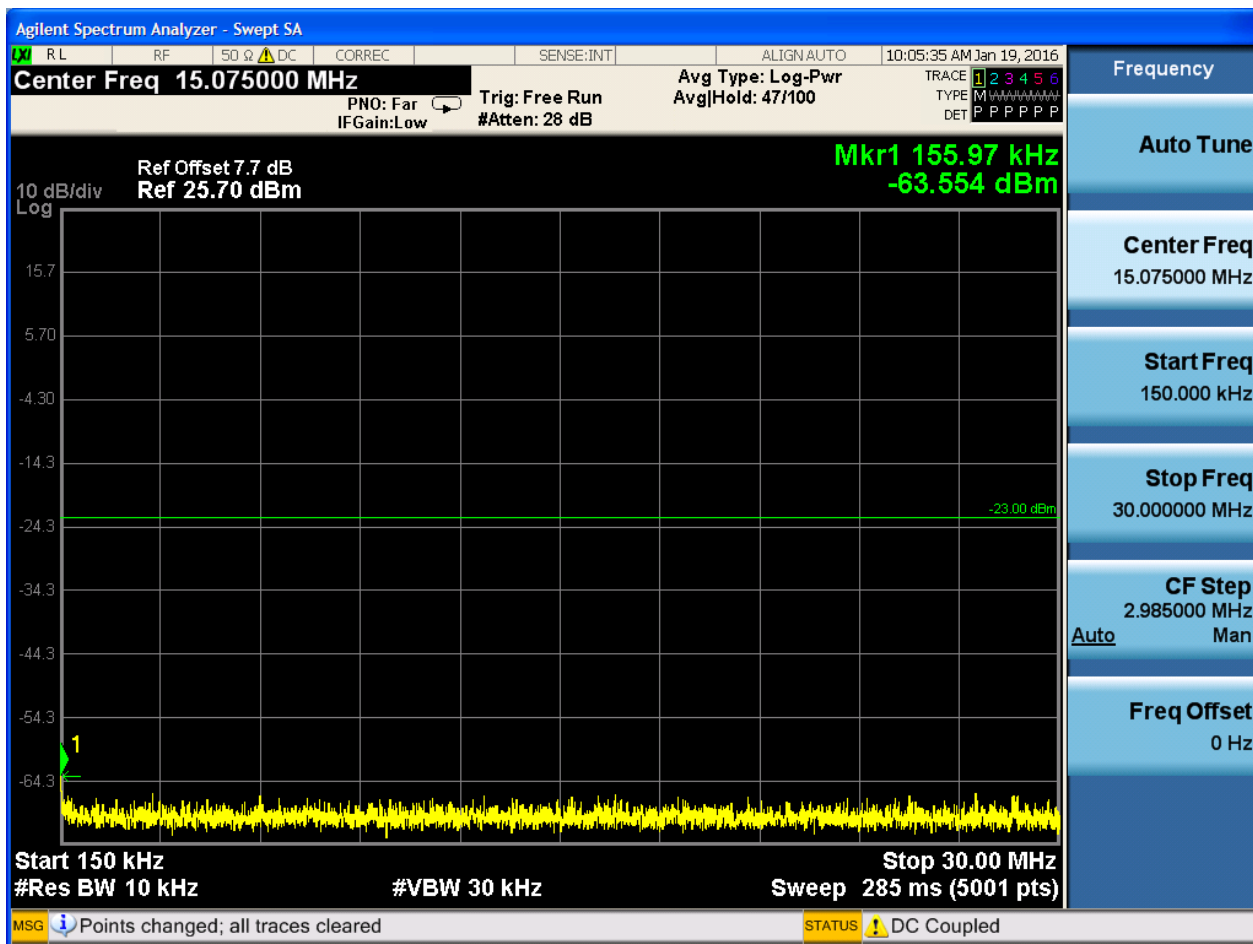


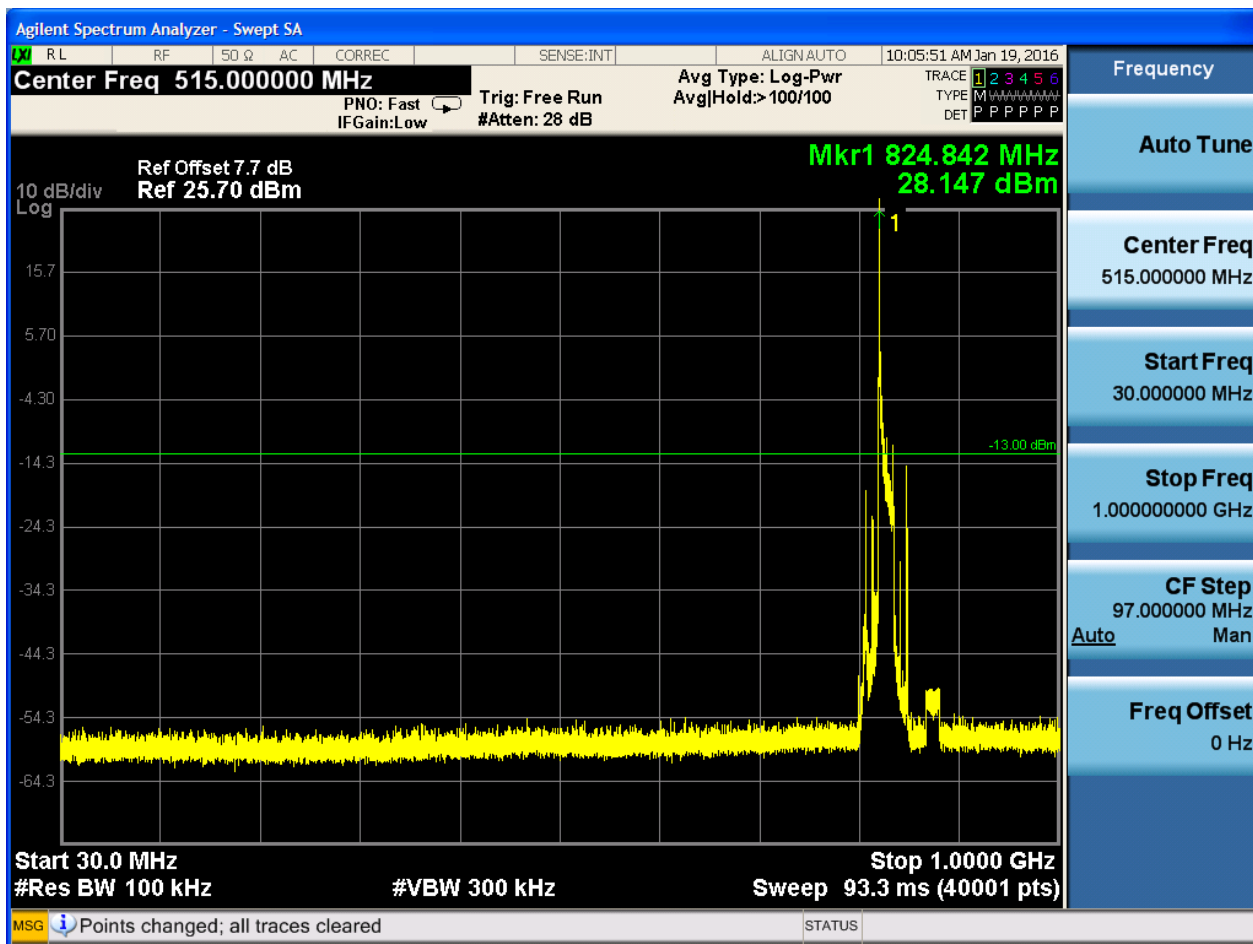
6.1.1.2.5 Test Bandwidth = 15

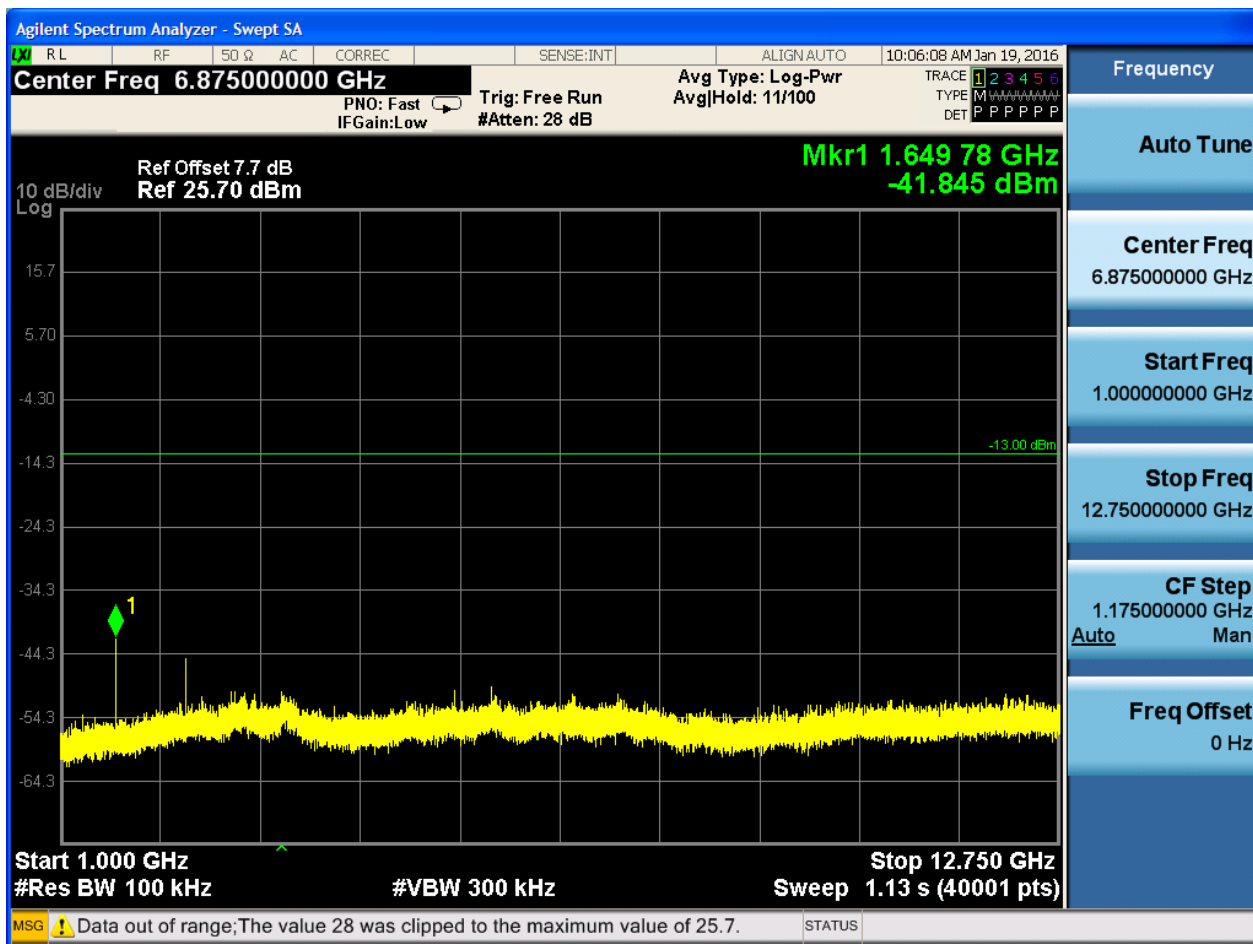
6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0



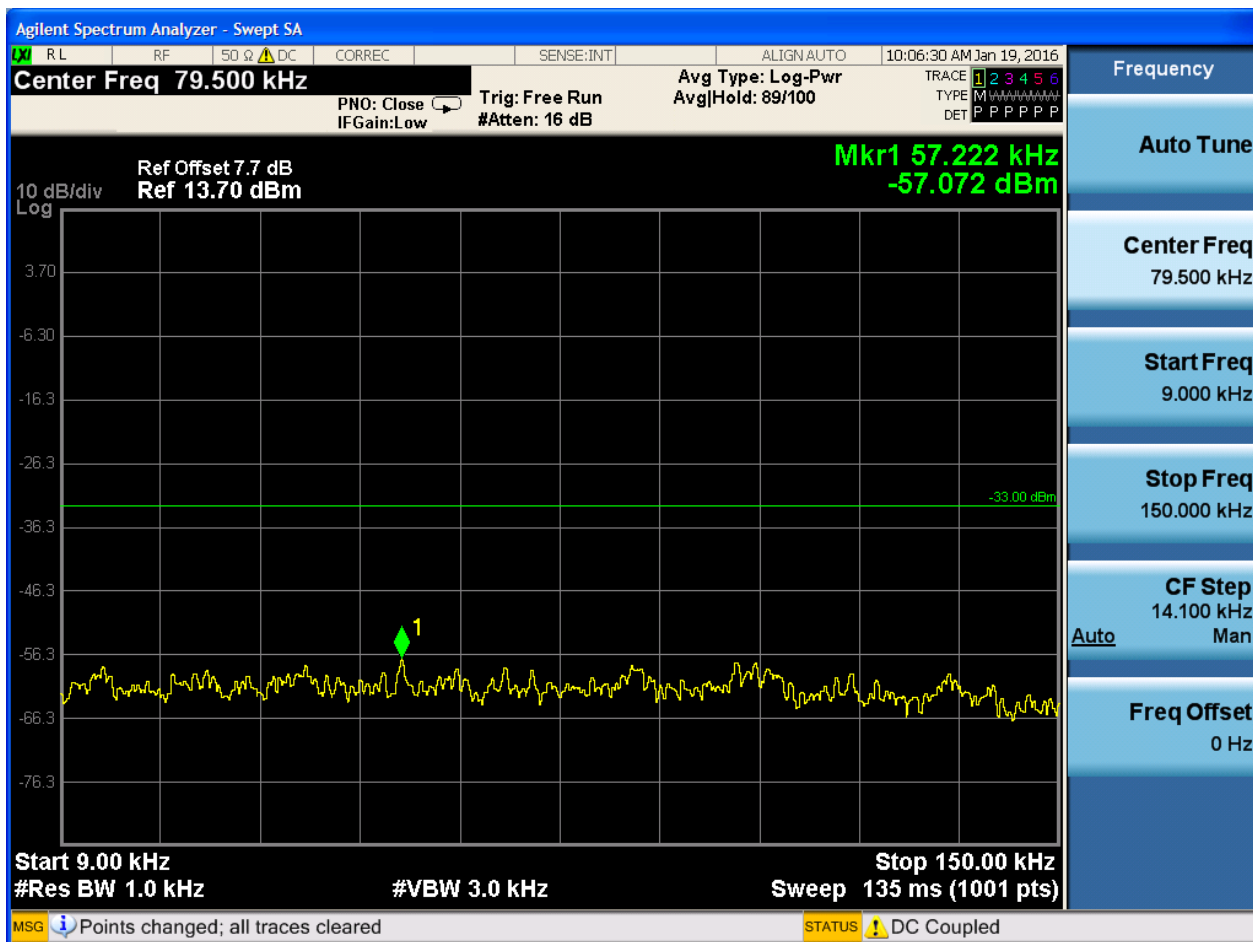


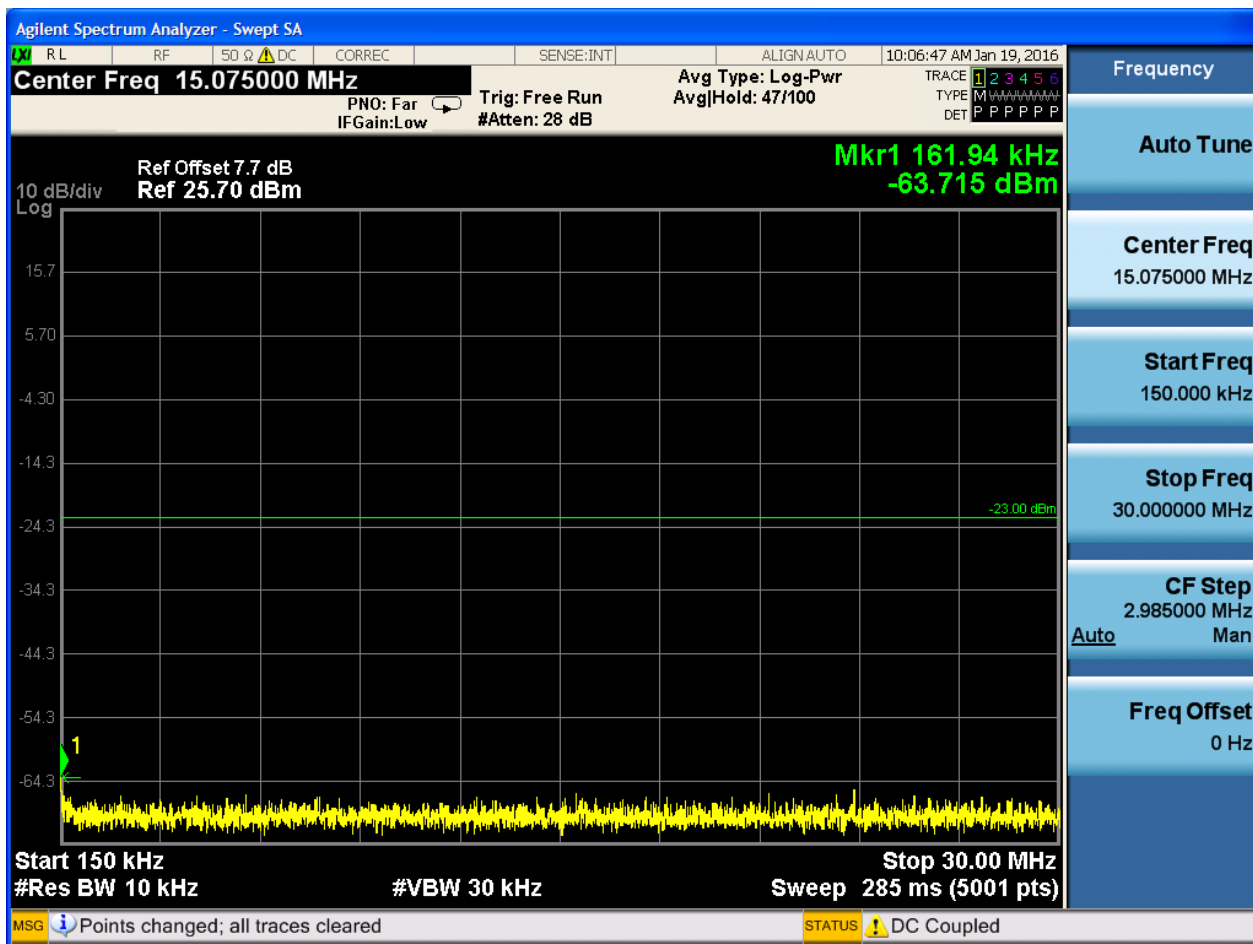


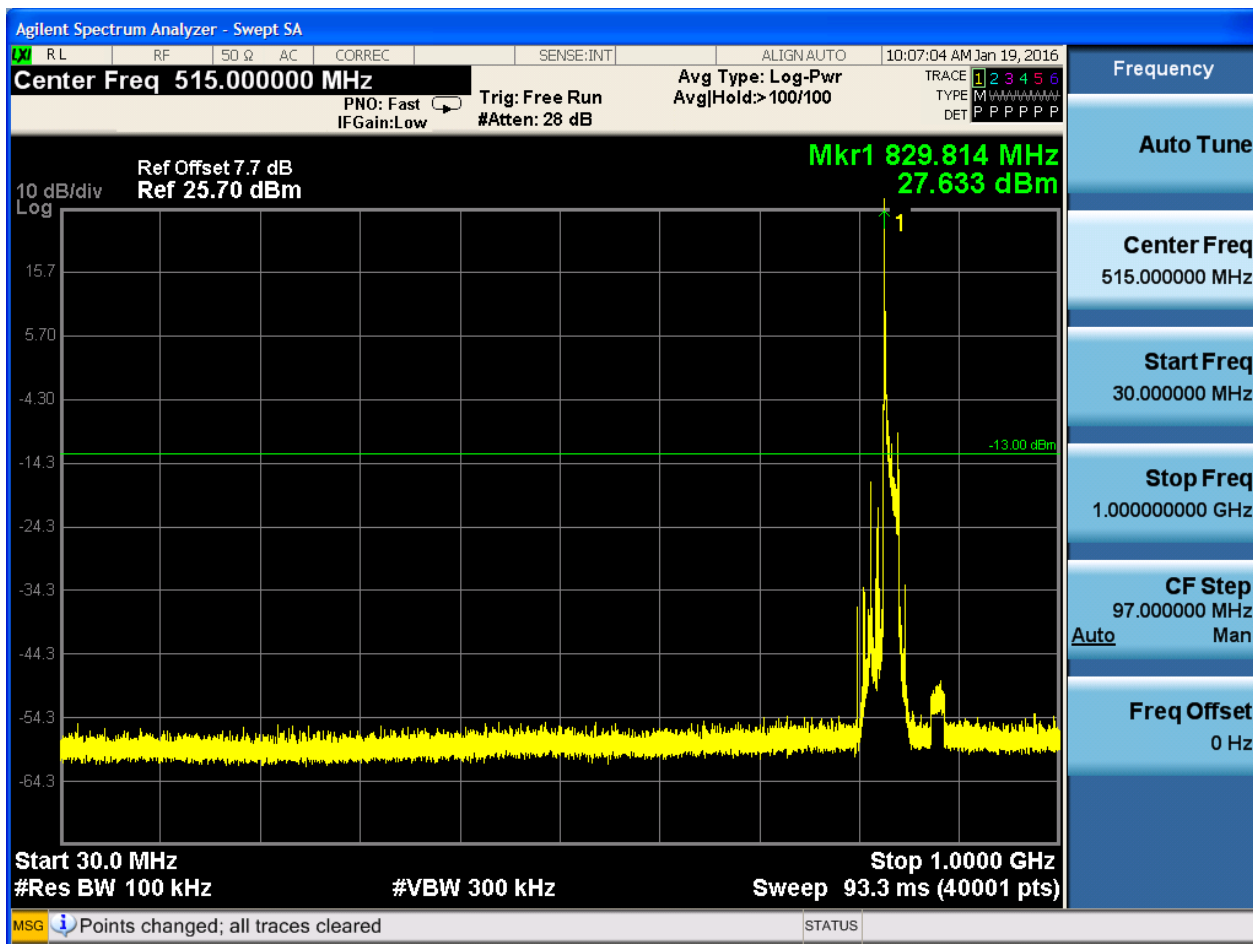


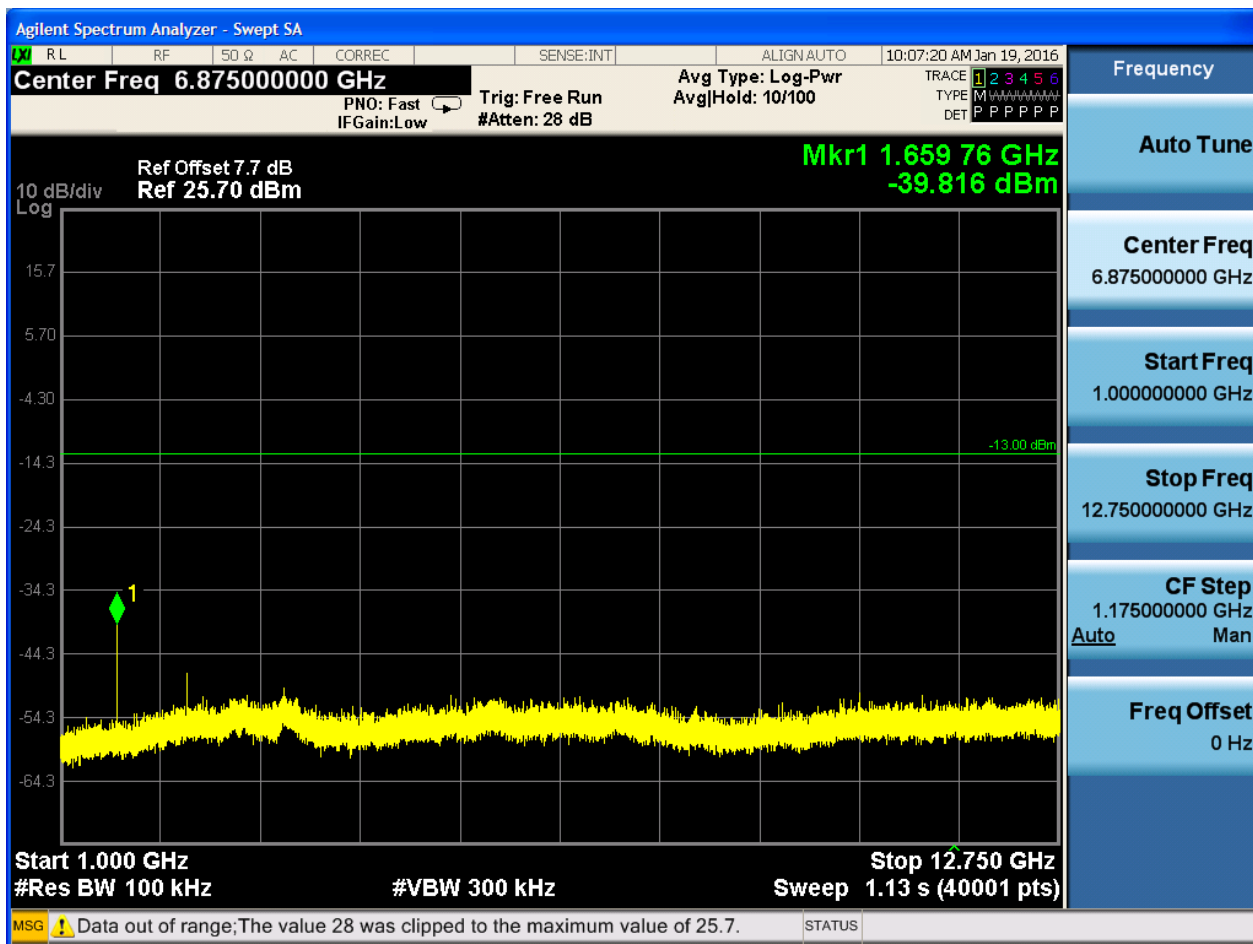
6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0



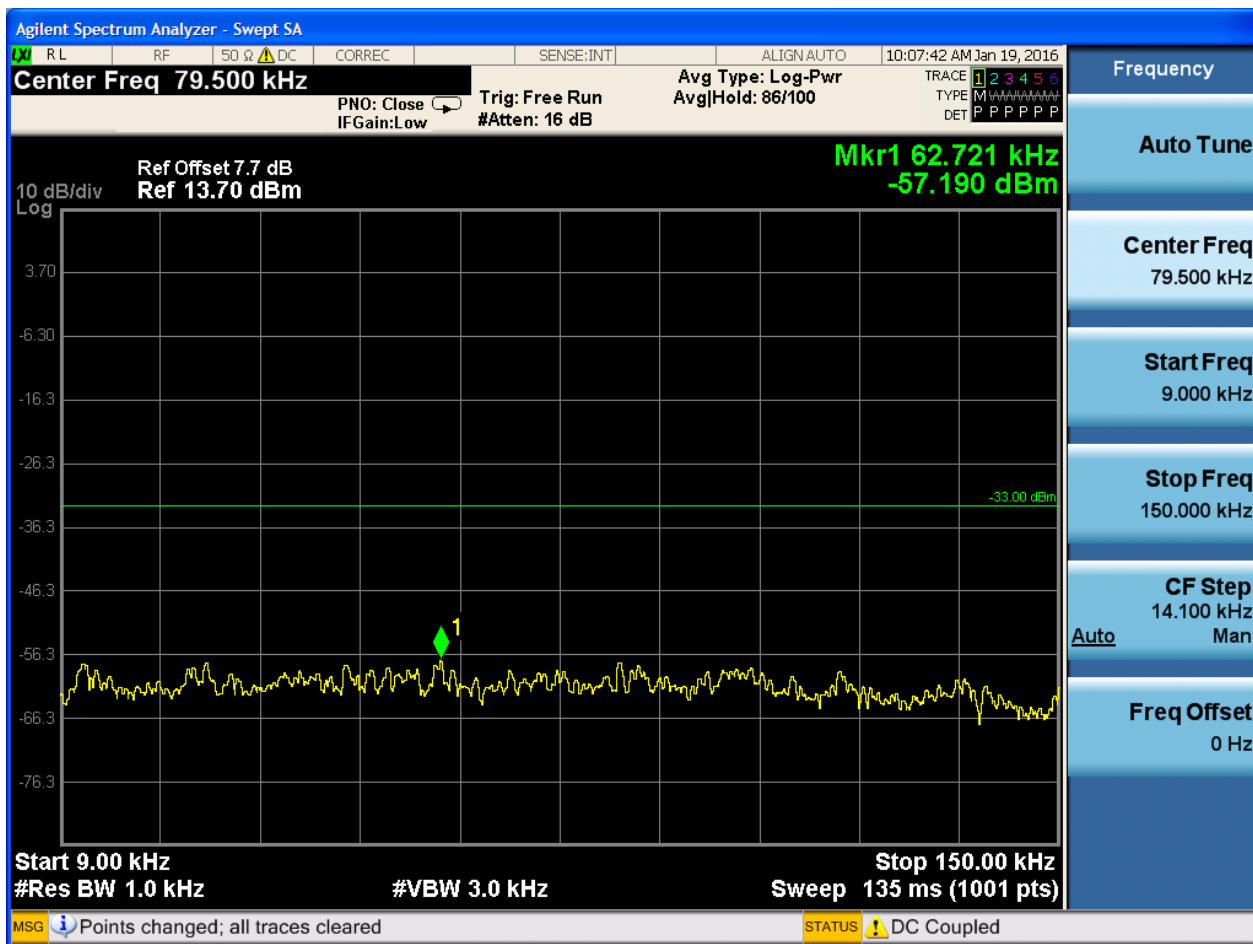


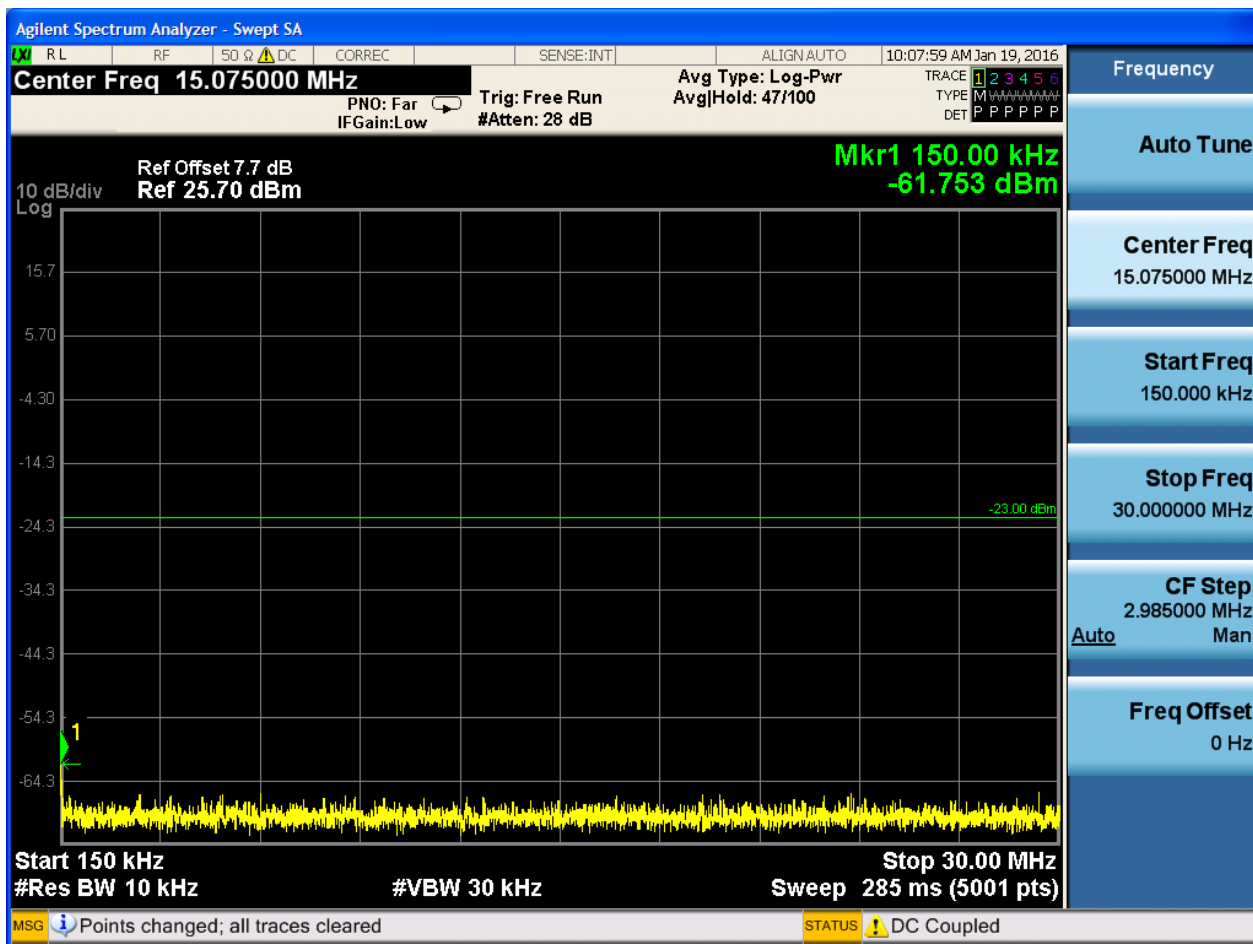


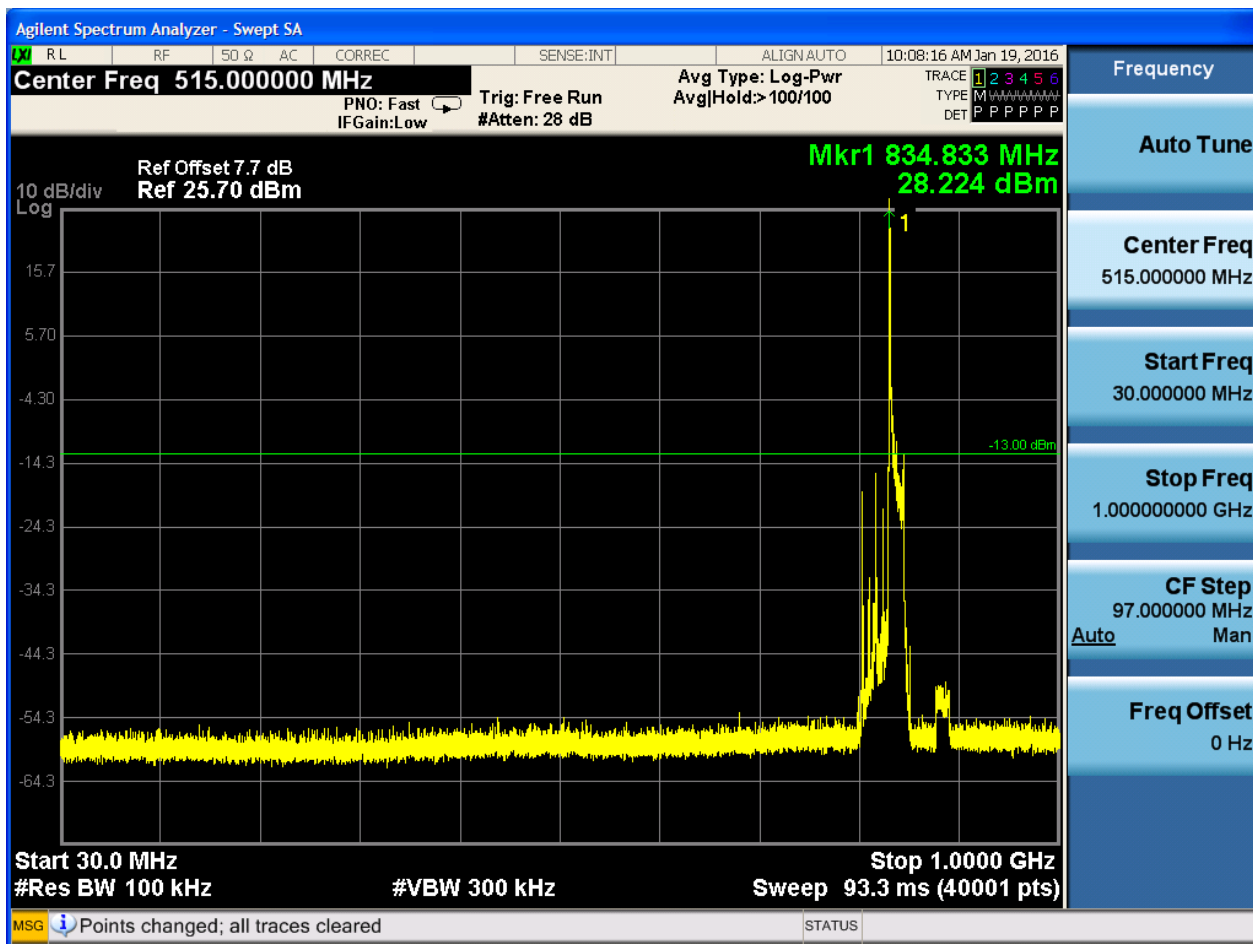


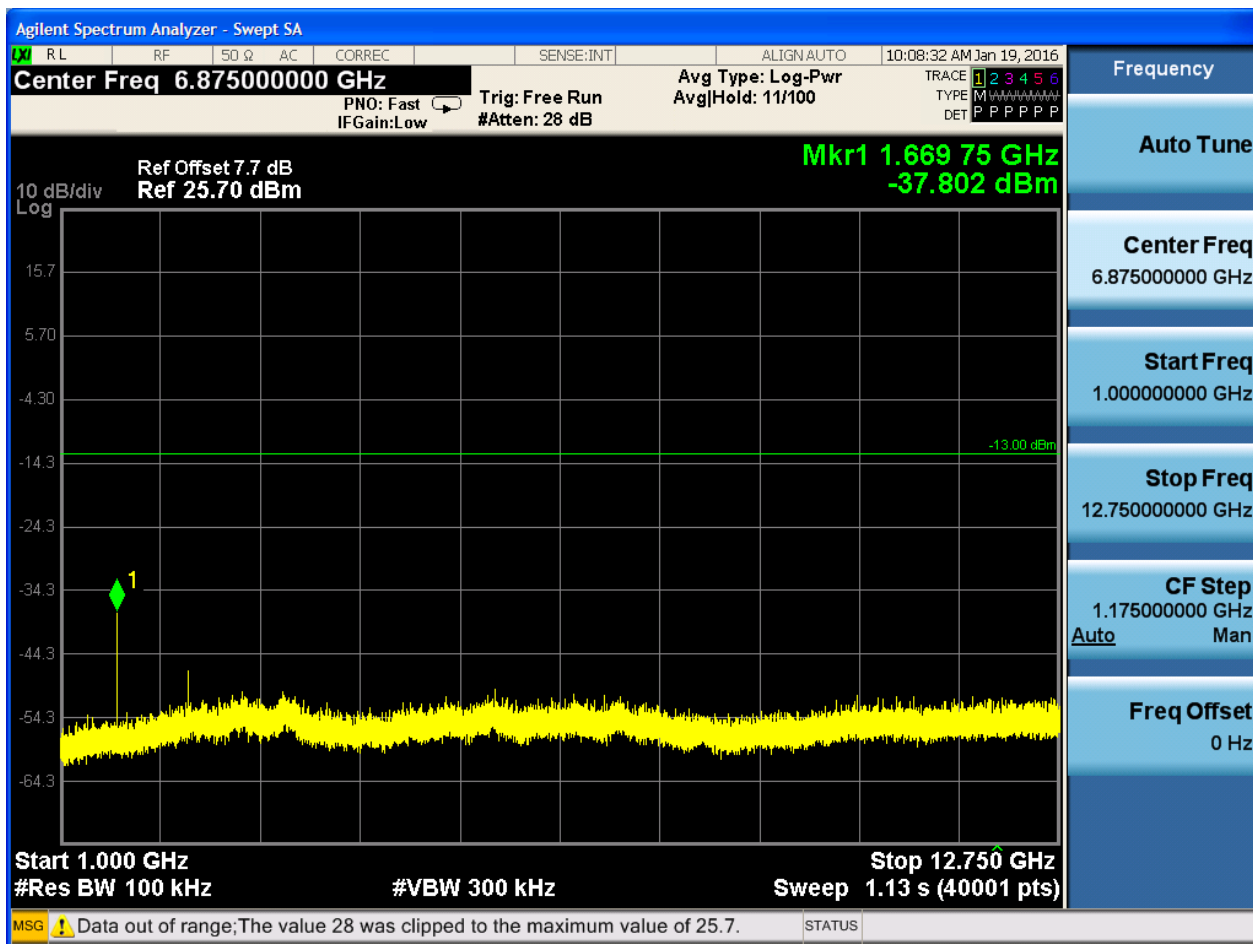
6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0









7Appendix_G: 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

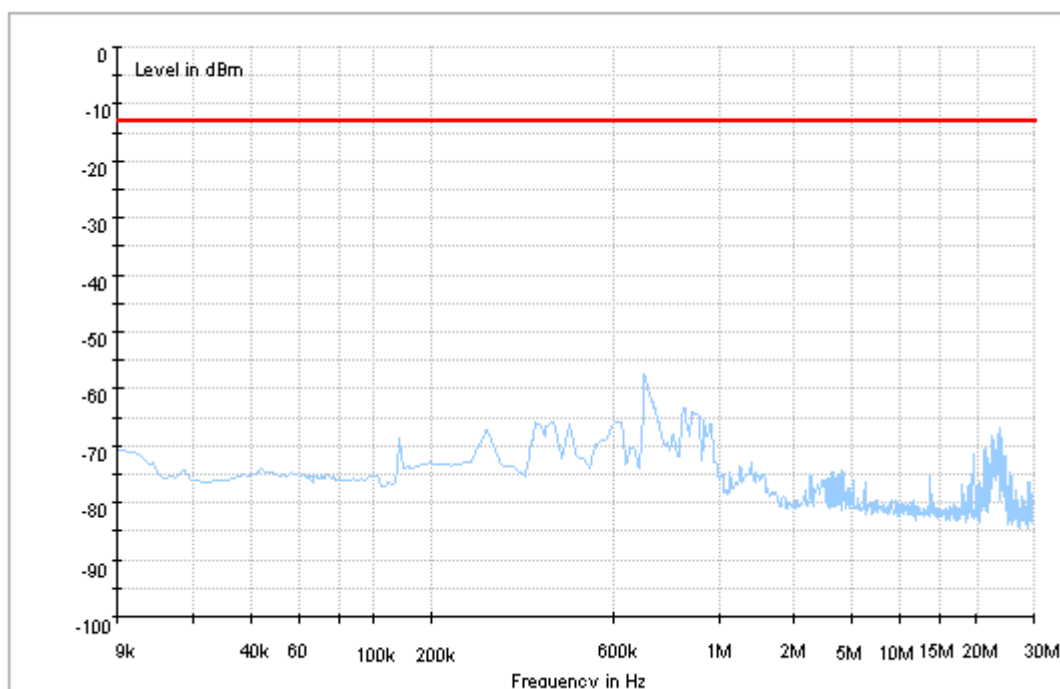
We tested all modes, but the data presented below is the worst case.

Part I - Test Plots

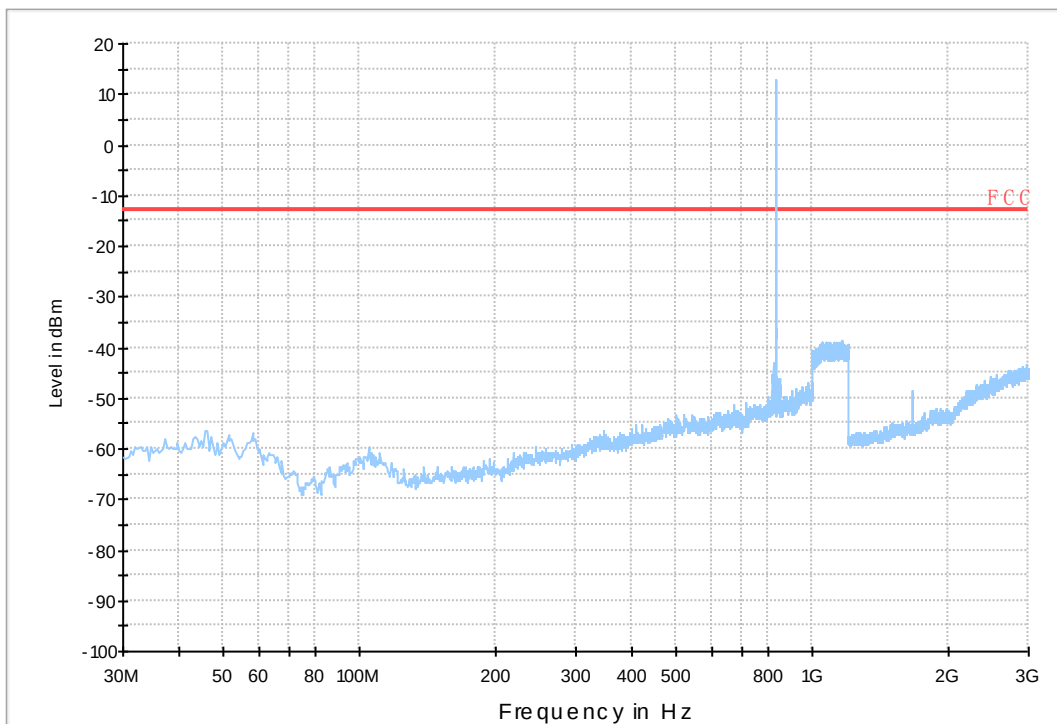
7.1 For LTE

7.1.1 Test Band = BAND26

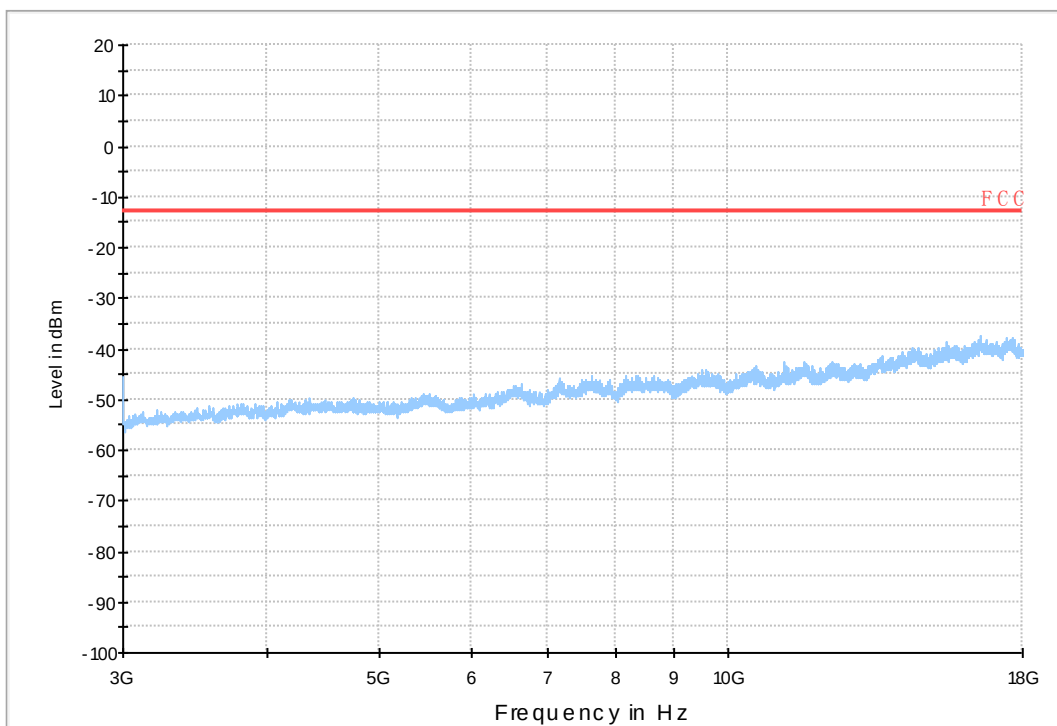
7.1.1.1 Test Bandwidth = 1.4



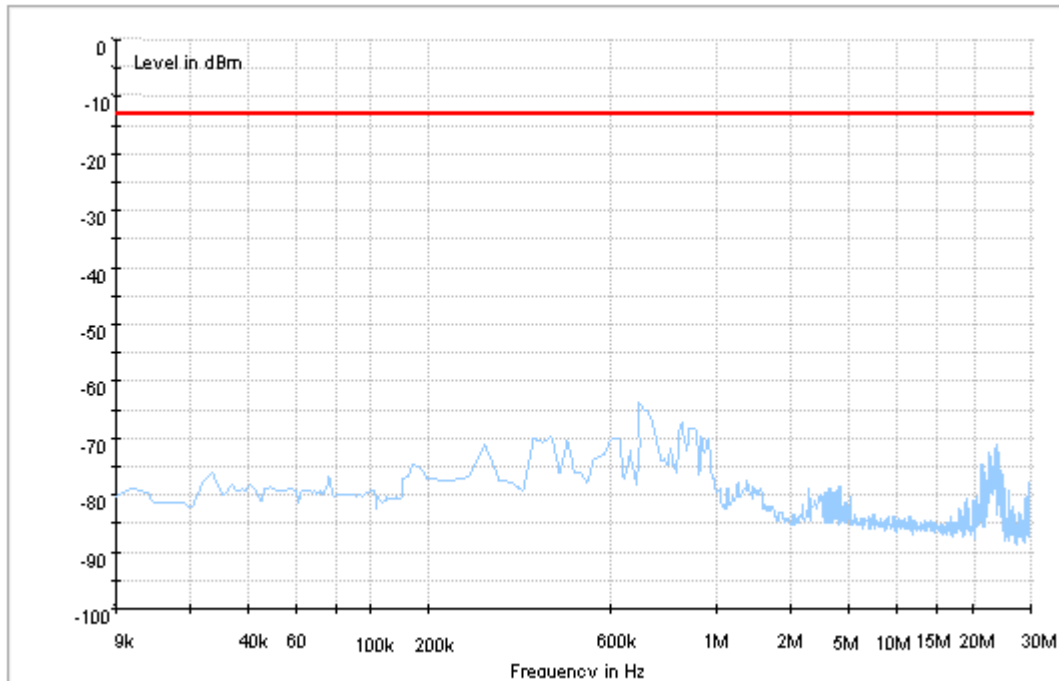
Copy of RSE-TX-DIRECTOR BELOW 1G_L



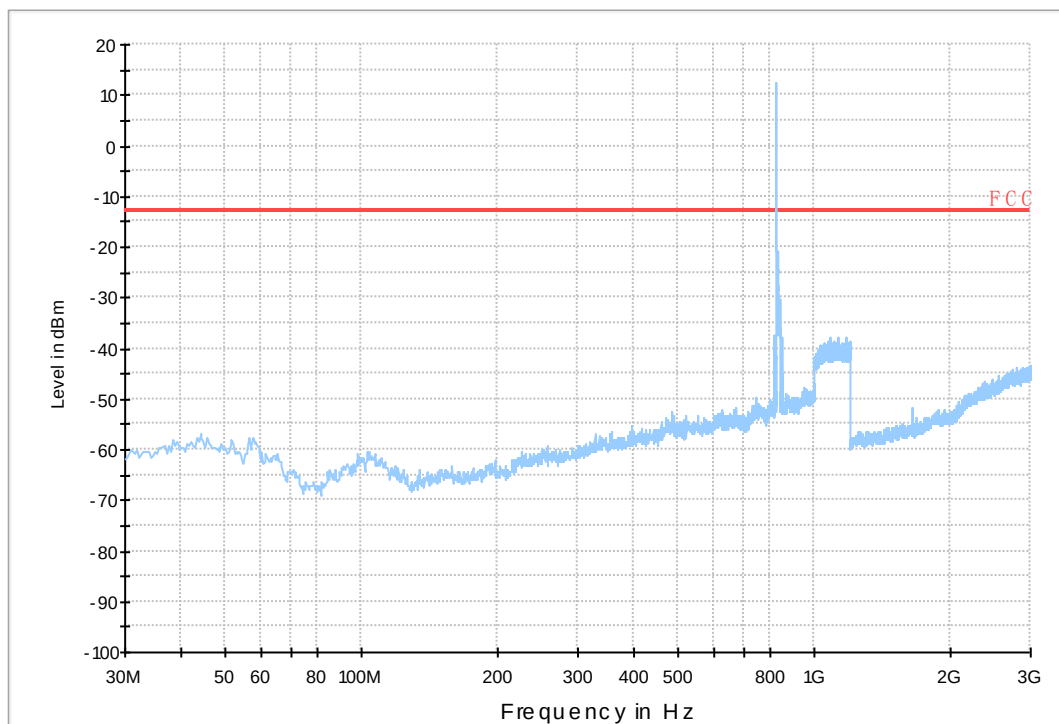
Copy of RSE-TX-DIRECTOR BELOW 1G_H



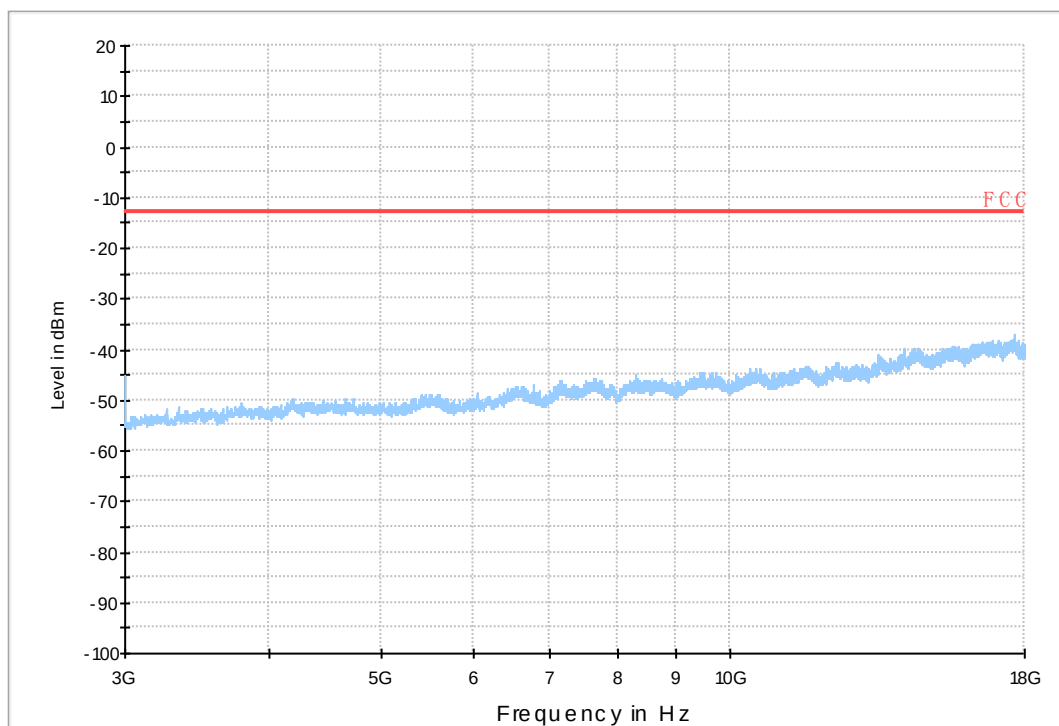
7.1.1.2 Test Bandwidth = 15



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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	-12.52	-0.01518	PASS
					VN	10.6	0.01285	PASS
					VH	9.63	0.01168	PASS
			MCH	TN	VL	-1.26	-0.00151	PASS
					VN	1.07	0.00128	PASS
					VH	13.39	0.01601	PASS
			HCH	TN	VL	27.81	0.03278	PASS
					VN	-5.61	-0.00661	PASS
					VH	-0.7	-0.00083	PASS
		3	LCH	TN	VL	-4.68	-0.00567	PASS
					VN	-3.13	-0.00379	PASS
					VH	2.12	0.00257	PASS
			MCH	TN	VL	4.89	0.00585	PASS
					VN	-5.09	-0.00608	PASS
					VH	-5.81	-0.00695	PASS
			HCH	TN	VL	1.29	0.00152	PASS
					VN	-2.32	-0.00274	PASS
					VH	0.76	0.0009	PASS
		5	LCH	TN	VL	-5.89	-0.00713	PASS
					VN	-3.49	-0.00422	PASS
					VH	-0.64	-0.00077	PASS
			MCH	TN	VL	1.19	0.00142	PASS
					VN	-8.63	-0.01032	PASS
					VH	-0.93	-0.00111	PASS
			HCH	TN	VL	-10.21	-0.01206	PASS
					VN	-4.32	-0.0051	PASS
					VH	-8.67	-0.01024	PASS
		10	LCH	TN	VL	-13.73	-0.01656	PASS
					VN	-3.68	-0.00444	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				TN	VH	-4.94	-0.00596	PASS
					VL	75.29	0.09001	PASS
					VN	74.63	0.08922	PASS
			MCH	TN	VH	-0.03	-0.00004	PASS
					VL	0.76	0.0009	PASS
					VN	-0.63	-0.00075	PASS
			HCH	TN	VH	-4.71	-0.00558	PASS
					VL	-6.71	-0.00807	PASS
					VN	-5.01	-0.00603	PASS
		15	LCH	TN	VH	5.62	0.00676	PASS
					VL	9.04	0.01081	PASS
					VN	42.5	0.05081	PASS
			MCH	TN	VH	60.27	0.07205	PASS
					VL	11.26	0.01338	PASS
					VN	15.82	0.0188	PASS
			HCH	TN	VH	10.5	0.01248	PASS
					VL	-10.56	-0.0128	PASS
					VN	4.38	0.00531	PASS
		1.4	LCH	TN	VH	4.61	0.00559	PASS
					VL	-6.57	-0.00785	PASS
					VN	1.3	0.00155	PASS
			MCH	TN	VH	1.72	0.00206	PASS
					VL	-4.98	-0.00587	PASS
					VN	-6.29	-0.00741	PASS
			HCH	TN	VH	-6.61	-0.00779	PASS
					VL	-5.59	-0.00677	PASS
					VN	-0.46	-0.00056	PASS
	LTE/TM2	3	LCH	TN	VH	11.6	0.01405	PASS
					VL	-0.46	-0.00055	PASS
					VN	-1.7	-0.00203	PASS
			MCH	TN	VH	-6.05	-0.00723	PASS
					VL	-5.41	-0.00638	PASS
					VN	0.63	0.00074	PASS
			HCH	TN	VH	5.87	0.00693	PASS
					VL	-6.68	-0.00808	PASS
					VN	-1.47	-0.00178	PASS
		5	LCH	TN	VH	-10.81	-0.01308	PASS
					VL	-1.27	-0.00152	PASS
					VN	-5.98	-0.00715	PASS
			MCH	TN	VH	-10.81	-0.01308	PASS
					VL	-1.27	-0.00152	PASS
					VN	-5.98	-0.00715	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	-11.43	-0.01366	PASS
					VL	5.06	0.00598	PASS
					VN	6.61	0.00781	PASS
					VH	5.09	0.00601	PASS
		10	LCH	TN	VL	4.55	0.00549	PASS
					VN	2.2	0.00265	PASS
					VH	0.59	0.00071	PASS
			MCH	TN	VL	5.78	0.00691	PASS
					VN	7.28	0.0087	PASS
					VH	51.83	0.06196	PASS
			HCH	TN	VL	0.19	0.00023	PASS
					VN	2.26	0.00268	PASS
					VH	2.69	0.00319	PASS
		15	LCH	TN	VL	-6.59	-0.00793	PASS
					VN	2.92	0.00351	PASS
					VH	11.27	0.01355	PASS
			MCH	TN	VL	-14.36	-0.01717	PASS
					VN	-29.35	-0.03509	PASS
					VH	-40.24	-0.04811	PASS
			HCH	TN	VL	3.59	0.00427	PASS
					VN	4.56	0.00542	PASS
					VH	3	0.00357	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	4.43	0.00537	PASS
					-20	-4.05	-0.00491	PASS
					-10	2.22	0.00269	PASS
					0	11.46	0.0139	PASS
					10	-10.17	-0.01233	PASS
					20	0.62	0.00075	PASS
					30	-15.75	-0.0191	PASS
					40	10.24	0.01242	PASS
					50	-1.49	-0.00181	PASS
			MCH	VN	-30	7.97	0.00953	PASS
					-20	-3.45	-0.00412	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-3.13	-0.00374	PASS
					0	-4.55	-0.00544	PASS
					10	-0.24	-0.00029	PASS
					20	-2.46	-0.00294	PASS
					30	-9.43	-0.01127	PASS
					40	5.75	0.00687	PASS
					50	-2.32	-0.00277	PASS
			HCH	VN	-30	7.65	0.00902	PASS
					-20	-26.64	-0.0314	PASS
					-10	5.26	0.0062	PASS
					0	1.46	0.00172	PASS
					10	15.98	0.01884	PASS
					20	-16.37	-0.0193	PASS
					30	-9.28	-0.01094	PASS
					40	6.67	0.00786	PASS
					50	-17.91	-0.02111	PASS
		3	LCH	VN	-30	-0.53	-0.00064	PASS
					-20	15.21	0.01843	PASS
					-10	-19.34	-0.02343	PASS
					0	-5.91	-0.00716	PASS
					10	1.07	0.0013	PASS
					20	-25.33	-0.03068	PASS
					30	-3.1	-0.00376	PASS
					40	16.64	0.02016	PASS
					50	3.22	0.0039	PASS
			MCH	VN	-30	3.13	0.00374	PASS
					-20	4.48	0.00536	PASS
					-10	-2.42	-0.00289	PASS
					0	-5.52	-0.0066	PASS
					10	0.77	0.00092	PASS
					20	-0.97	-0.00116	PASS
					30	-2	-0.00239	PASS
					40	-2.07	-0.00247	PASS
					50	9.26	0.01107	PASS
			HCH	VN	-30	4.09	0.00483	PASS
					-20	-0.16	-0.00019	PASS
					-10	8.21	0.00969	PASS
					0	-2.68	-0.00316	PASS
					10	-5.39	-0.00636	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-8.4	-0.00991	PASS
					30	-7.74	-0.00913	PASS
					40	-3.76	-0.00444	PASS
					50	-4.39	-0.00518	PASS
		5	LCH	VN	-30	1.79	0.00217	PASS
					-20	-4.21	-0.00509	PASS
					-10	0.77	0.00093	PASS
					0	6.01	0.00727	PASS
					10	-1	-0.00121	PASS
					20	2.45	0.00296	PASS
					30	-0.84	-0.00102	PASS
					40	-7.2	-0.00871	PASS
					50	1.87	0.00226	PASS
			MCH	VN	-30	-0.09	-0.00011	PASS
					-20	0.53	0.00063	PASS
					-10	0.16	0.00019	PASS
					0	3.99	0.00477	PASS
					10	1.93	0.00231	PASS
					20	0.44	0.00053	PASS
					30	3.15	0.00377	PASS
					40	-1.96	-0.00234	PASS
					50	0.36	0.00043	PASS
			HCH	VN	-30	2.4	0.00284	PASS
					-20	-3.25	-0.00384	PASS
					-10	-5.22	-0.00617	PASS
					0	3.18	0.00376	PASS
					10	1.39	0.00164	PASS
					20	-4.58	-0.00541	PASS
					30	5.46	0.00645	PASS
					40	7.42	0.00877	PASS
					50	2.76	0.00326	PASS
		10	LCH	VN	-30	-2.27	-0.00274	PASS
					-20	-2.43	-0.00293	PASS
					-10	-0.14	-0.00017	PASS
					0	8.24	0.00994	PASS
					10	-2.35	-0.00283	PASS
					20	-3.32	-0.004	PASS
					30	6.55	0.0079	PASS
					40	-8.87	-0.0107	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	50	-2.56	-0.00309	PASS
					-30	4.43	0.00537	PASS
					-20	-4.05	-0.00491	PASS
					-10	2.22	0.00269	PASS
					0	11.46	0.0139	PASS
					10	-10.17	-0.01233	PASS
					20	0.62	0.00075	PASS
					30	-15.75	-0.0191	PASS
					40	10.24	0.01242	PASS
					50	-1.49	-0.00181	PASS
			HCH	VN	-30	7.97	0.00953	PASS
					-20	-3.45	-0.00412	PASS
					-10	-3.13	-0.00374	PASS
					0	-4.55	-0.00544	PASS
					10	-0.24	-0.00029	PASS
					20	-2.46	-0.00294	PASS
					30	-9.43	-0.01127	PASS
					40	5.75	0.00687	PASS
					50	-2.32	-0.00277	PASS
		15	LCH	VN	-30	7.65	0.00902	PASS
					-20	-26.64	-0.0314	PASS
					-10	5.26	0.0062	PASS
					0	1.46	0.00172	PASS
					10	15.98	0.01884	PASS
					20	-16.37	-0.0193	PASS
					30	-9.28	-0.01094	PASS
					40	6.67	0.00786	PASS
					50	-17.91	-0.02111	PASS
			MCH	VN	-30	-0.53	-0.00064	PASS
					-20	15.21	0.01843	PASS
					-10	-19.34	-0.02343	PASS
					0	-5.91	-0.00716	PASS
					10	1.07	0.0013	PASS
					20	-25.33	-0.03068	PASS
					30	-3.1	-0.00376	PASS
					40	16.64	0.02016	PASS
					50	3.22	0.0039	PASS
			HCH	VN	-30	3.13	0.00374	PASS
					-20	4.48	0.00536	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-2.42	-0.00289	PASS
					0	-5.52	-0.0066	PASS
					10	0.77	0.00092	PASS
					20	-0.97	-0.00116	PASS
					30	-2	-0.00239	PASS
					40	-2.07	-0.00247	PASS
					50	9.26	0.01107	PASS
	LTE/TM2	1.4	LCH	VN	-30	4.09	0.00483	PASS
					-20	-0.16	-0.00019	PASS
					-10	8.21	0.00969	PASS
					0	-2.68	-0.00316	PASS
					10	-5.39	-0.00636	PASS
					20	-8.4	-0.00991	PASS
					30	-7.74	-0.00913	PASS
					40	-3.76	-0.00444	PASS
					50	-4.39	-0.00518	PASS
			MCH	VN	-30	1.79	0.00217	PASS
					-20	-4.21	-0.00509	PASS
					-10	0.77	0.00093	PASS
					0	6.01	0.00727	PASS
					10	-1	-0.00121	PASS
					20	2.45	0.00296	PASS
					30	-0.84	-0.00102	PASS
					40	-7.2	-0.00871	PASS
					50	1.87	0.00226	PASS
			HCH	VN	-30	-0.09	-0.00011	PASS
					-20	0.53	0.00063	PASS
					-10	0.16	0.00019	PASS
					0	3.99	0.00477	PASS
					10	1.93	0.00231	PASS
					20	0.44	0.00053	PASS
					30	3.15	0.00377	PASS
					40	-1.96	-0.00234	PASS
					50	0.36	0.00043	PASS
		3	LCH	VN	-30	2.4	0.00284	PASS
					-20	-3.25	-0.00384	PASS
					-10	-5.22	-0.00617	PASS
					0	3.18	0.00376	PASS
					10	1.39	0.00164	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-4.58	-0.00541	PASS
					30	5.46	0.00645	PASS
					40	7.42	0.00877	PASS
					50	2.76	0.00326	PASS
			MCH	VN	-30	-0.47	-0.00056	PASS
					-20	-2.43	-0.00293	PASS
					-10	-0.14	-0.00017	PASS
					0	8.24	0.00994	PASS
					10	-2.35	-0.00283	PASS
					20	-3.32	-0.004	PASS
					30	6.55	0.0079	PASS
					40	-8.87	-0.0107	PASS
					50	-2.56	-0.00309	PASS
			HCH	VN	-30	4.43	0.00537	PASS
					-20	-4.05	-0.00491	PASS
					-10	2.22	0.00269	PASS
					0	11.46	0.0139	PASS
					10	-10.17	-0.01233	PASS
					20	0.62	0.00075	PASS
					30	-15.75	-0.0191	PASS
					40	10.24	0.01242	PASS
					50	-1.49	-0.00181	PASS
		5	LCH	VN	-30	7.97	0.00953	PASS
					-20	-3.45	-0.00412	PASS
					-10	-3.13	-0.00374	PASS
					0	-4.55	-0.00544	PASS
					10	-0.24	-0.00029	PASS
					20	-2.46	-0.00294	PASS
					30	-9.43	-0.01127	PASS
					40	5.75	0.00687	PASS
					50	-2.32	-0.00277	PASS
			MCH	VN	-30	7.65	0.00902	PASS
					-20	-26.64	-0.0314	PASS
					-10	5.26	0.0062	PASS
					0	1.46	0.00172	PASS
					10	15.98	0.01884	PASS
					20	-16.37	-0.0193	PASS
					30	-9.28	-0.01094	PASS
					40	6.67	0.00786	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	50	-17.91	-0.02111	PASS
					-30	-0.53	-0.00064	PASS
					-20	15.21	0.01843	PASS
					-10	-19.34	-0.02343	PASS
					0	-5.91	-0.00716	PASS
					10	1.07	0.0013	PASS
					20	-25.33	-0.03068	PASS
					30	-3.1	-0.00376	PASS
					40	16.64	0.02016	PASS
					50	3.22	0.0039	PASS
		10	LCH	VN	-30	3.13	0.00374	PASS
					-20	4.48	0.00536	PASS
					-10	-2.42	-0.00289	PASS
					0	-5.52	-0.0066	PASS
					10	0.77	0.00092	PASS
					20	-0.97	-0.00116	PASS
					30	-2	-0.00239	PASS
					40	-2.07	-0.00247	PASS
					50	9.26	0.01107	PASS
			MCH	VN	-30	4.09	0.00483	PASS
					-20	-0.16	-0.00019	PASS
					-10	8.21	0.00969	PASS
					0	-2.68	-0.00316	PASS
					10	-5.39	-0.00636	PASS
					20	-8.4	-0.00991	PASS
					30	-7.74	-0.00913	PASS
					40	-3.76	-0.00444	PASS
					50	-4.39	-0.00518	PASS
			HCH	VN	-30	1.79	0.00217	PASS
					-20	-4.21	-0.00509	PASS
					-10	0.77	0.00093	PASS
					0	6.01	0.00727	PASS
					10	-1	-0.00121	PASS
					20	2.45	0.00296	PASS
					30	-0.84	-0.00102	PASS
					40	-7.2	-0.00871	PASS
					50	1.87	0.00226	PASS
		15	LCH	VN	-30	-0.09	-0.00011	PASS
					-20	0.53	0.00063	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	0.16	0.00019	PASS
					0	3.99	0.00477	PASS
					10	1.93	0.00231	PASS
					20	0.44	0.00053	PASS
					30	3.15	0.00377	PASS
					40	-1.96	-0.00234	PASS
					50	0.36	0.00043	PASS
			MCH	VN	-30	2.4	0.00284	PASS
					-20	-3.25	-0.00384	PASS
					-10	5.62	0.00672	PASS
					0	3.18	0.00376	PASS
					10	1.39	0.00164	PASS
					20	-4.58	-0.00541	PASS
					30	5.46	0.00645	PASS
					40	7.42	0.00877	PASS
					50	2.76	0.00326	PASS
			HCH	VN	-30	-2.27	-0.00274	PASS
					-20	-2.43	-0.00293	PASS
					-10	-0.14	-0.00017	PASS
					0	8.24	0.00994	PASS
					10	-2.35	-0.00283	PASS
					20	-3.32	-0.004	PASS
					30	6.55	0.0079	PASS
					40	-8.87	-0.0107	PASS
					50	-2.56	-0.00309	PASS

END