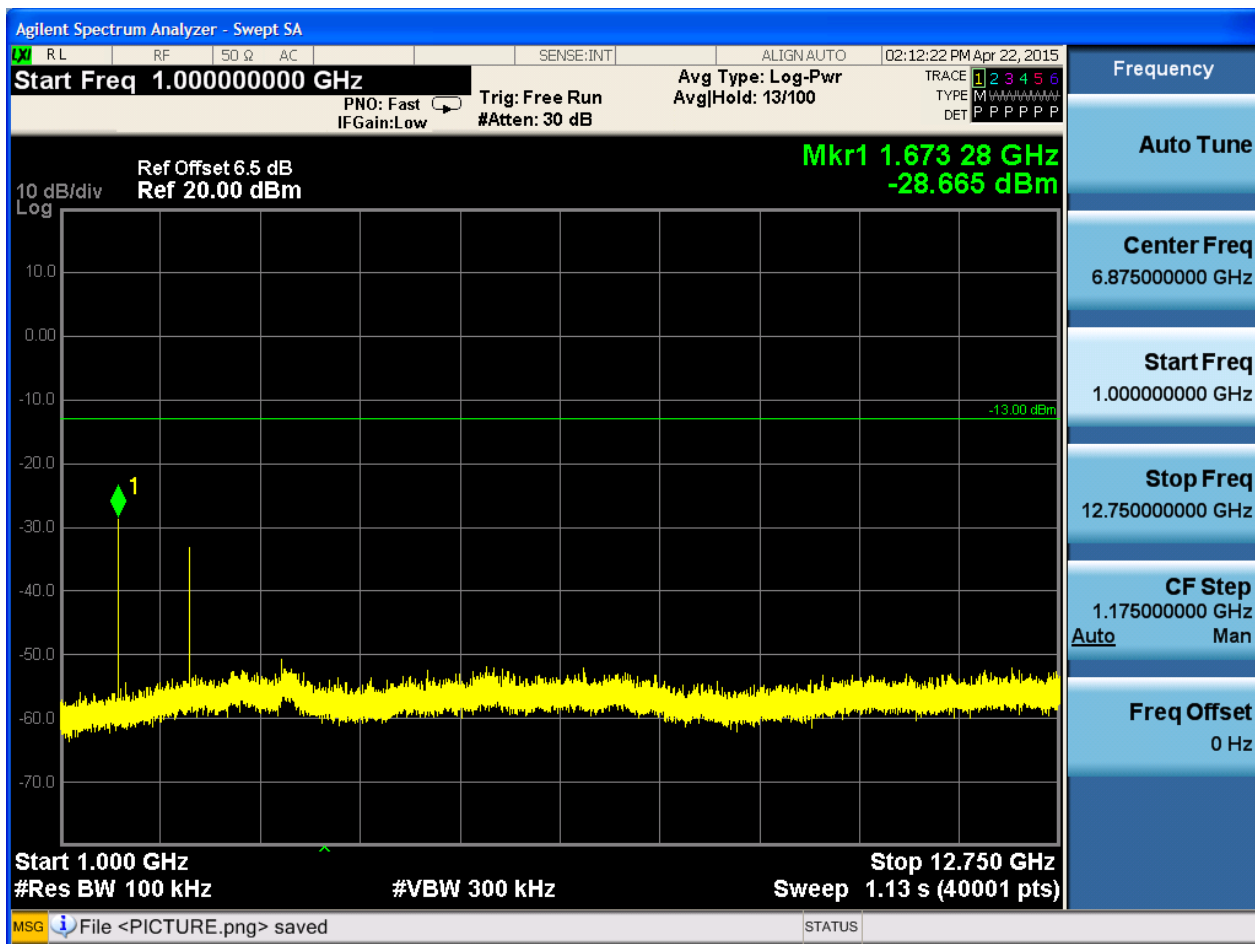
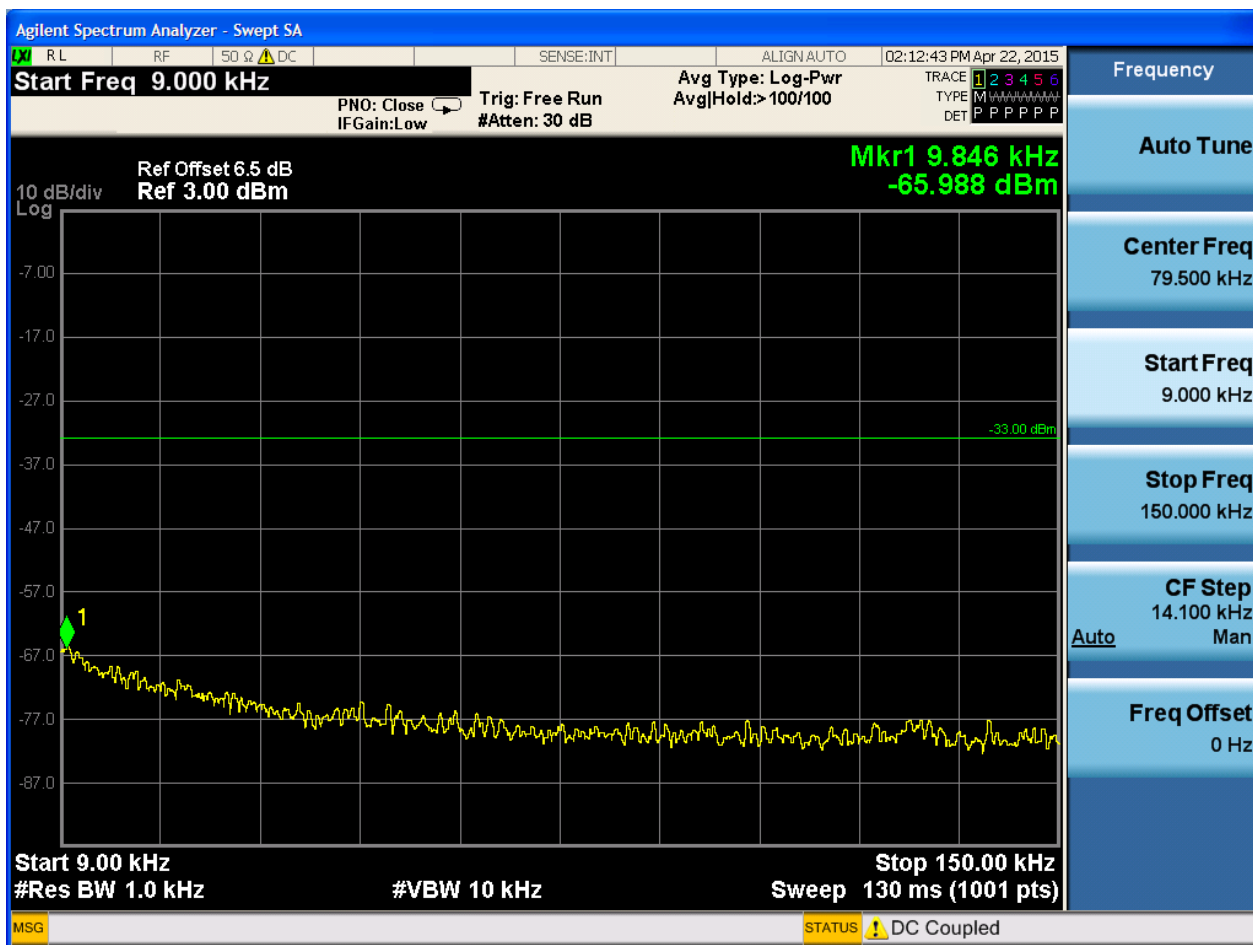
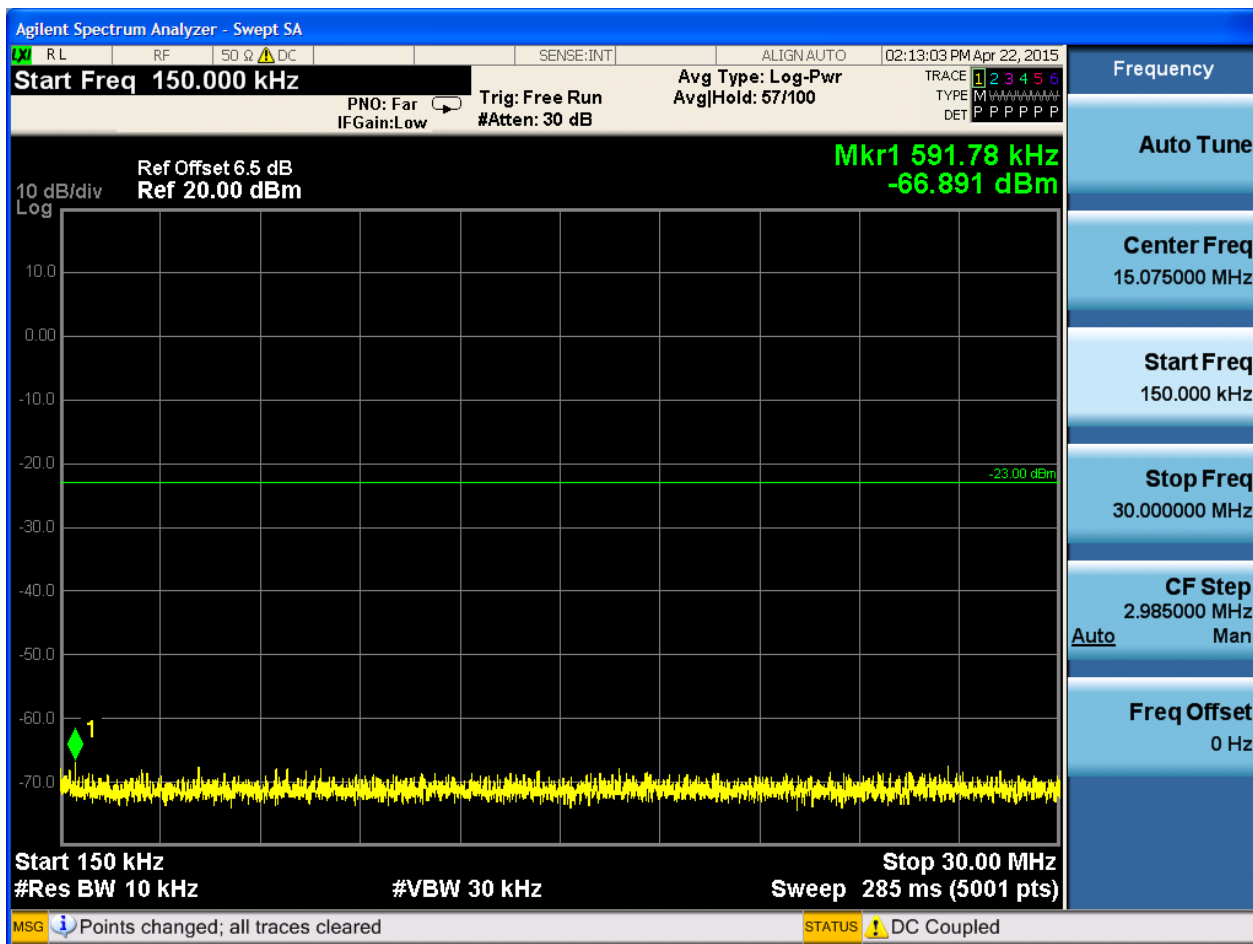


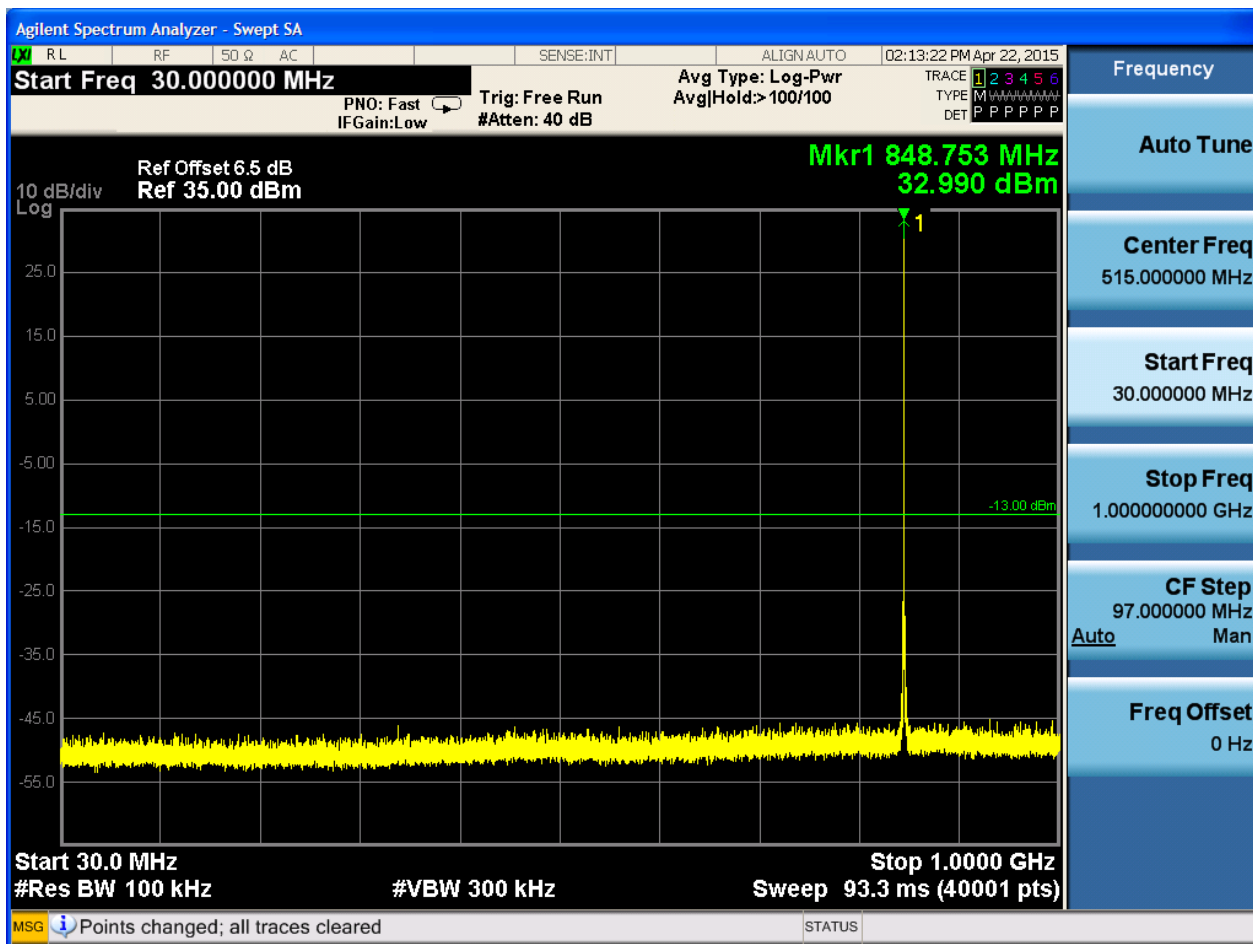


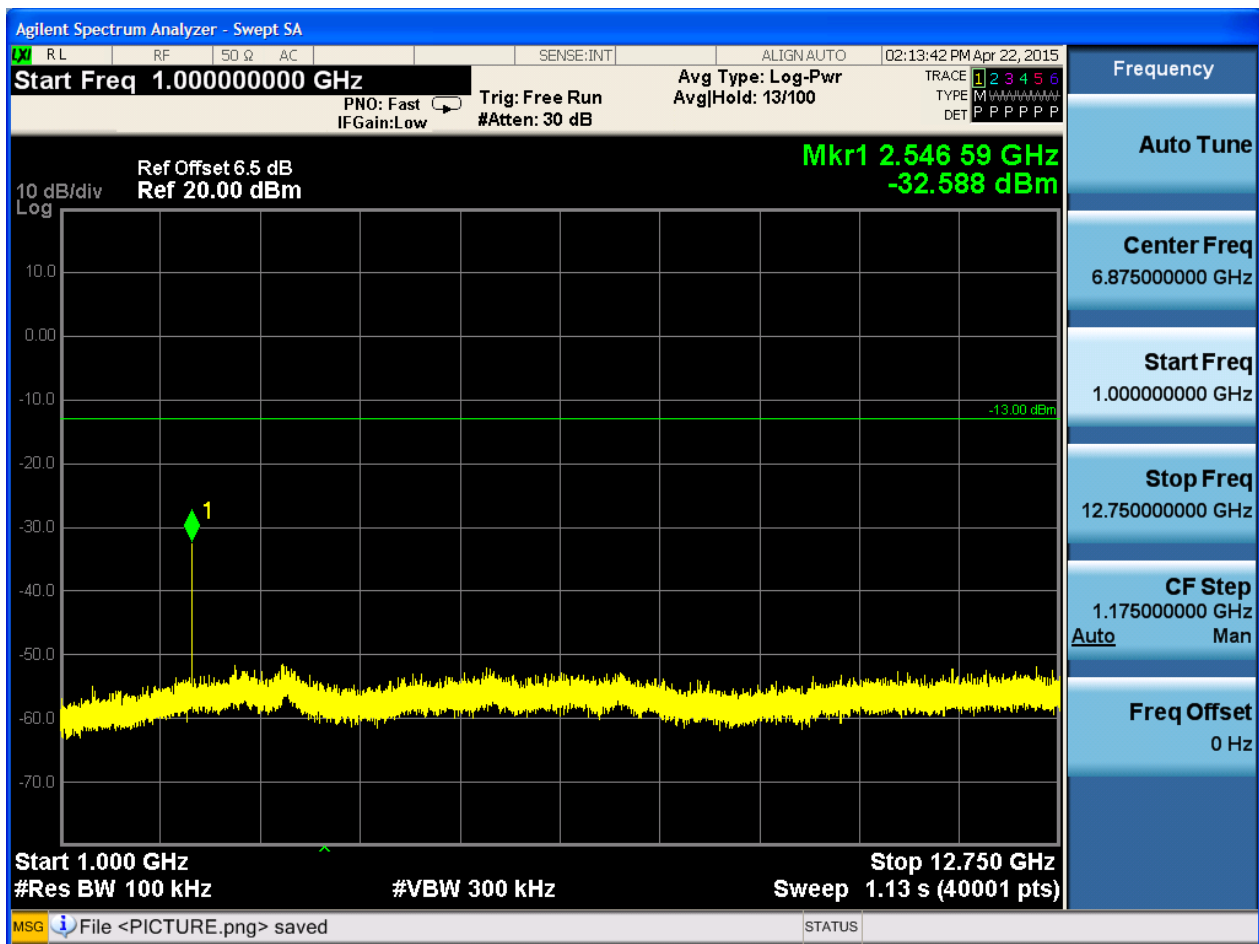


6.2.1.1.3 Test Channel = HCH





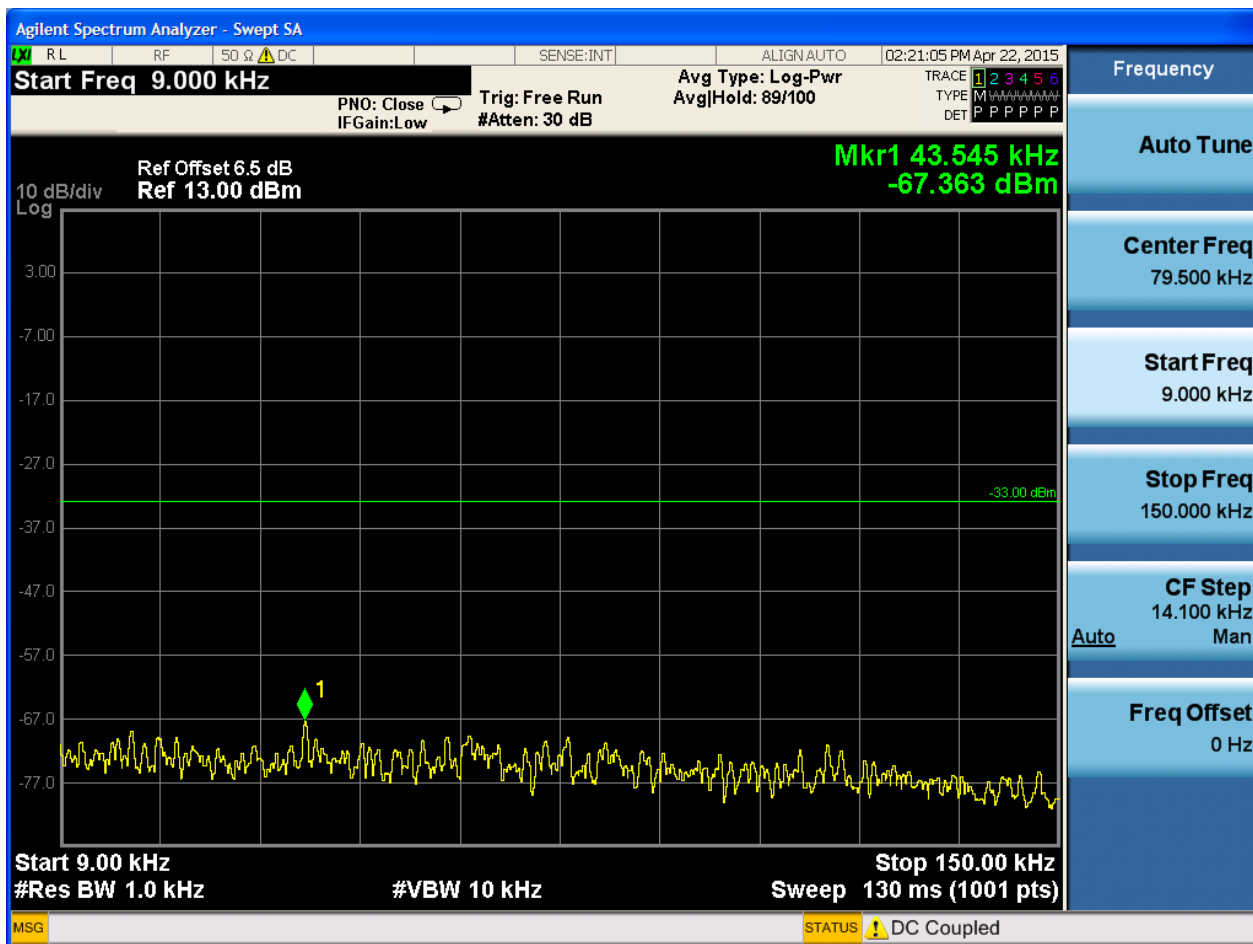


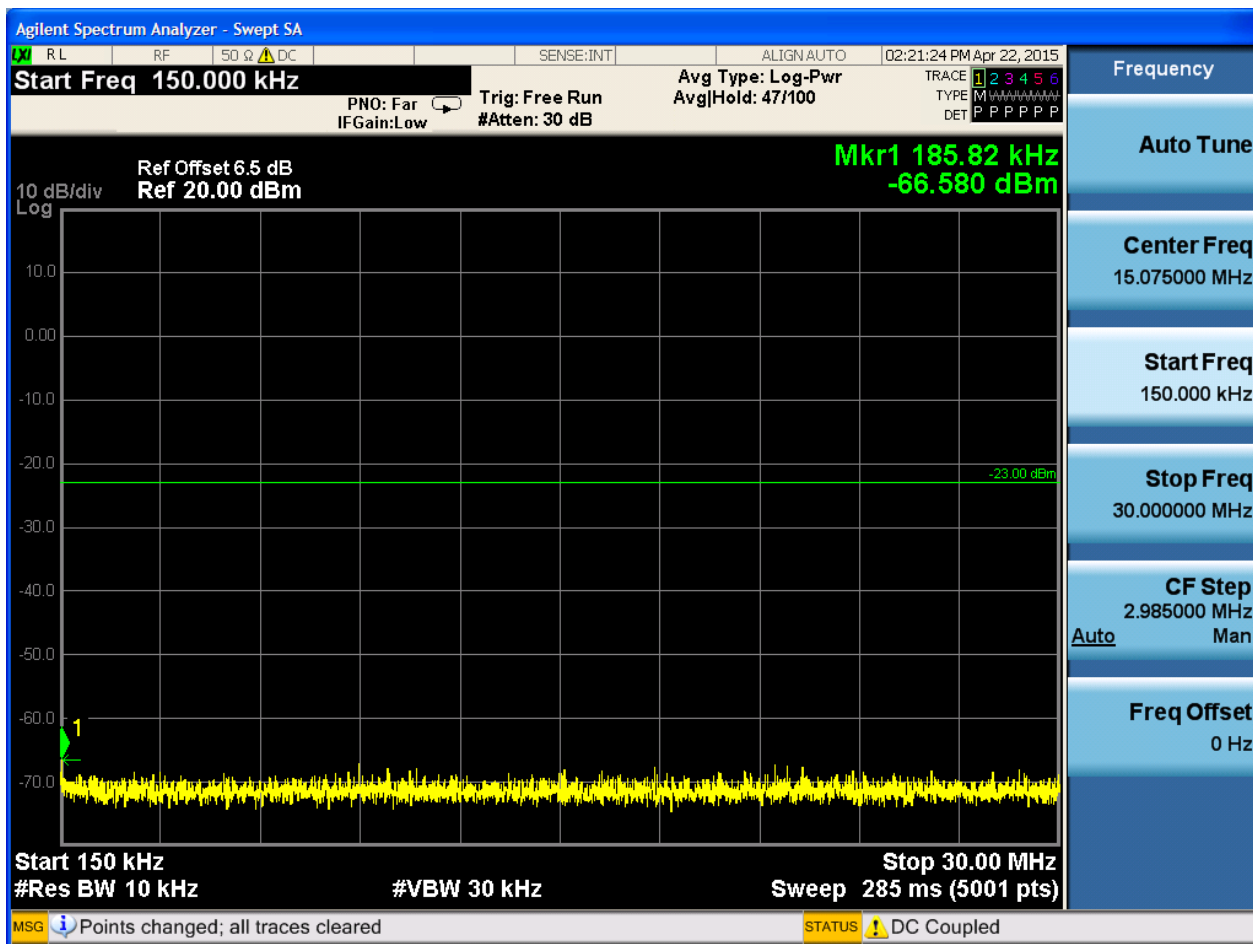


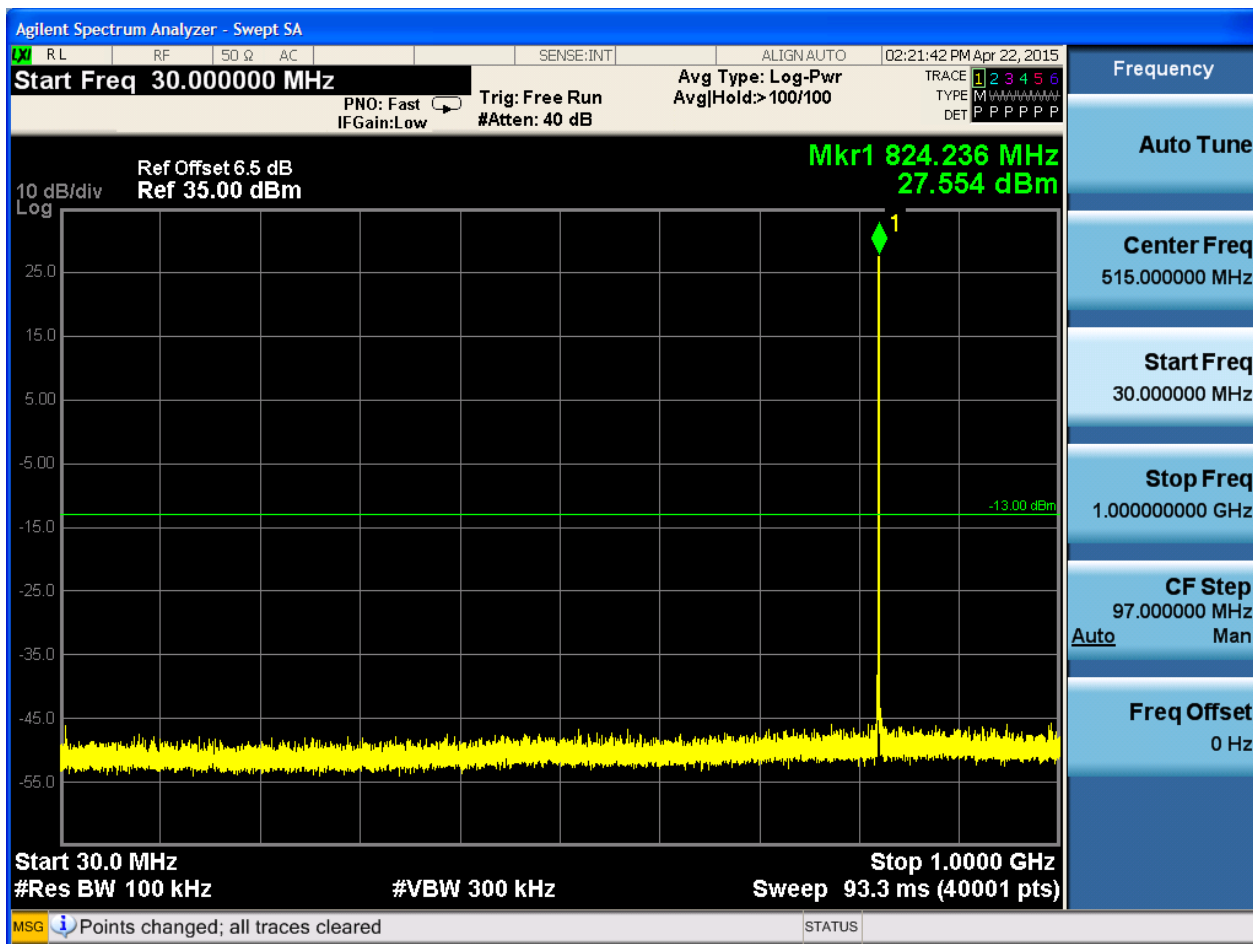


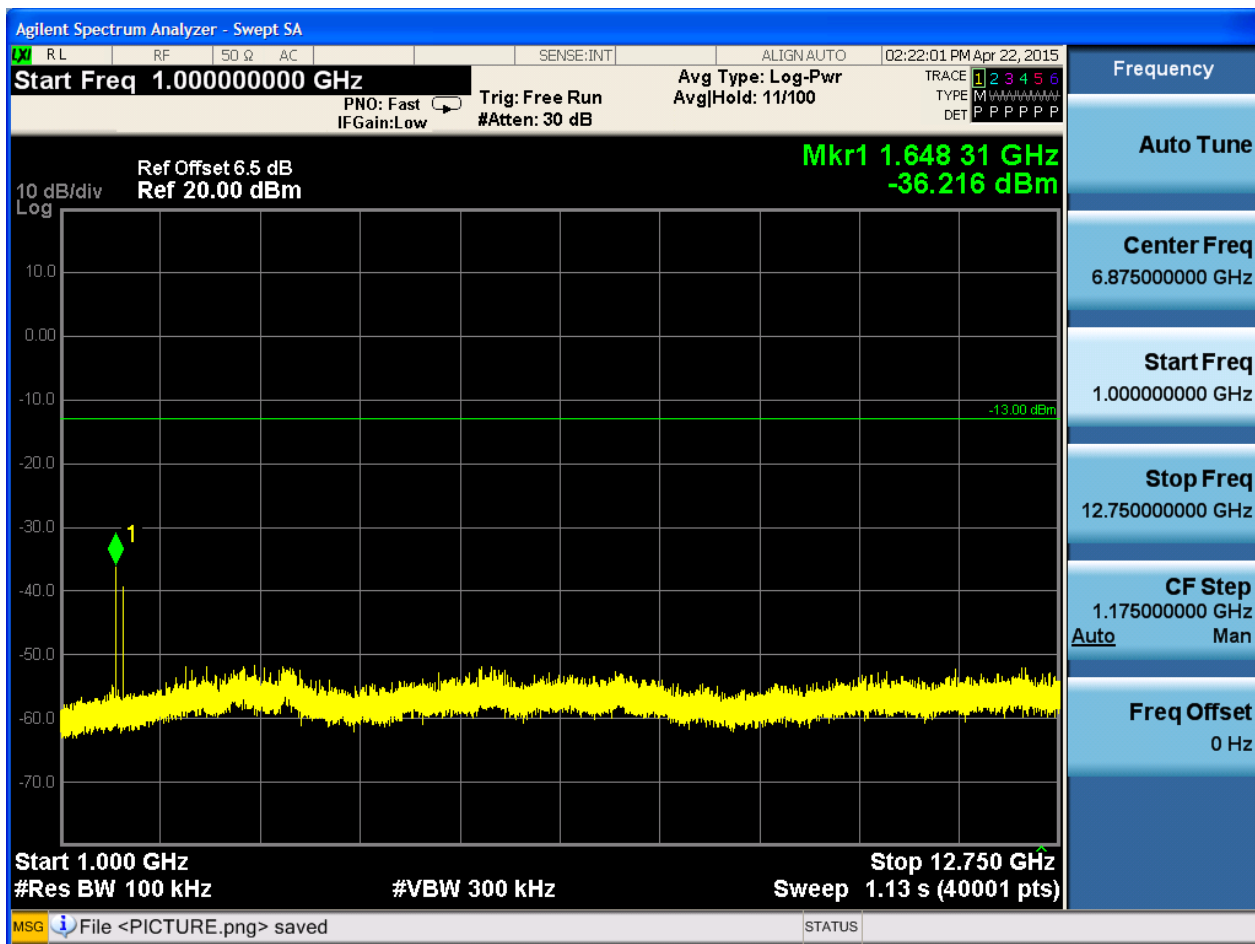
6.2.1.2 Test Mode = GSM/TM2

6.2.1.2.1 Test Channel = LCH



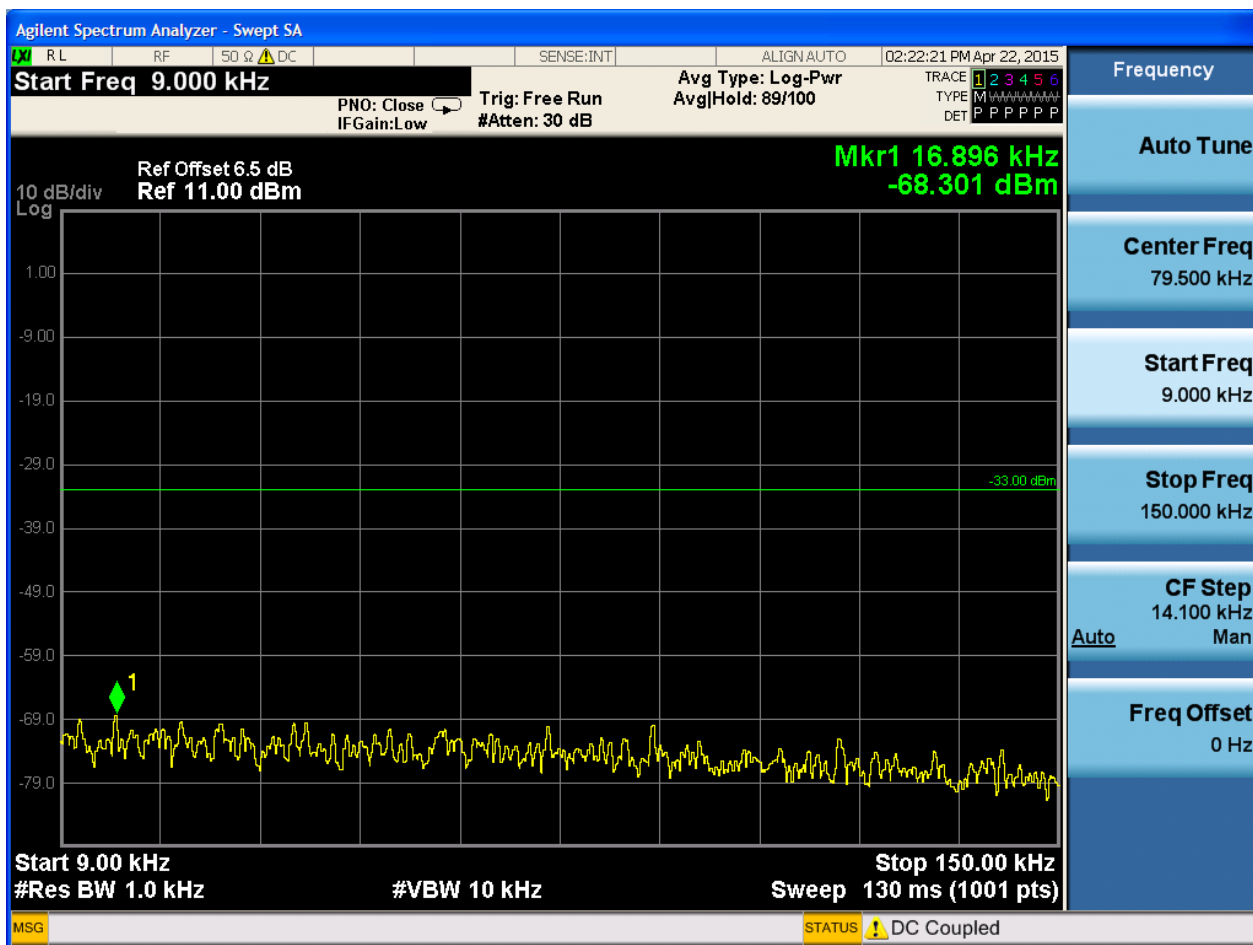


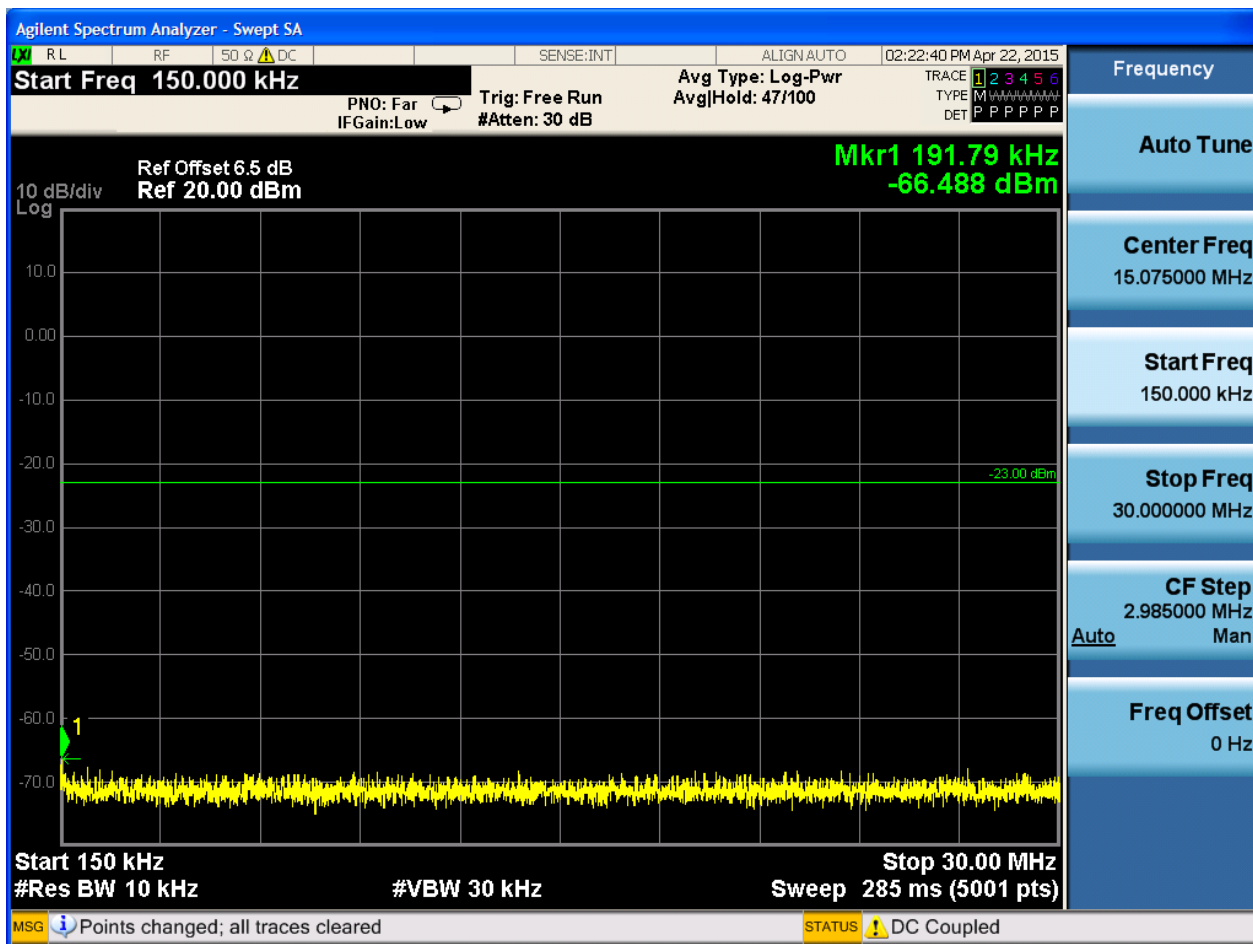


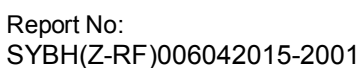
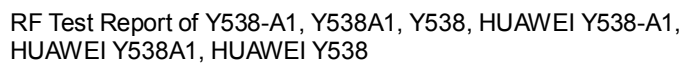


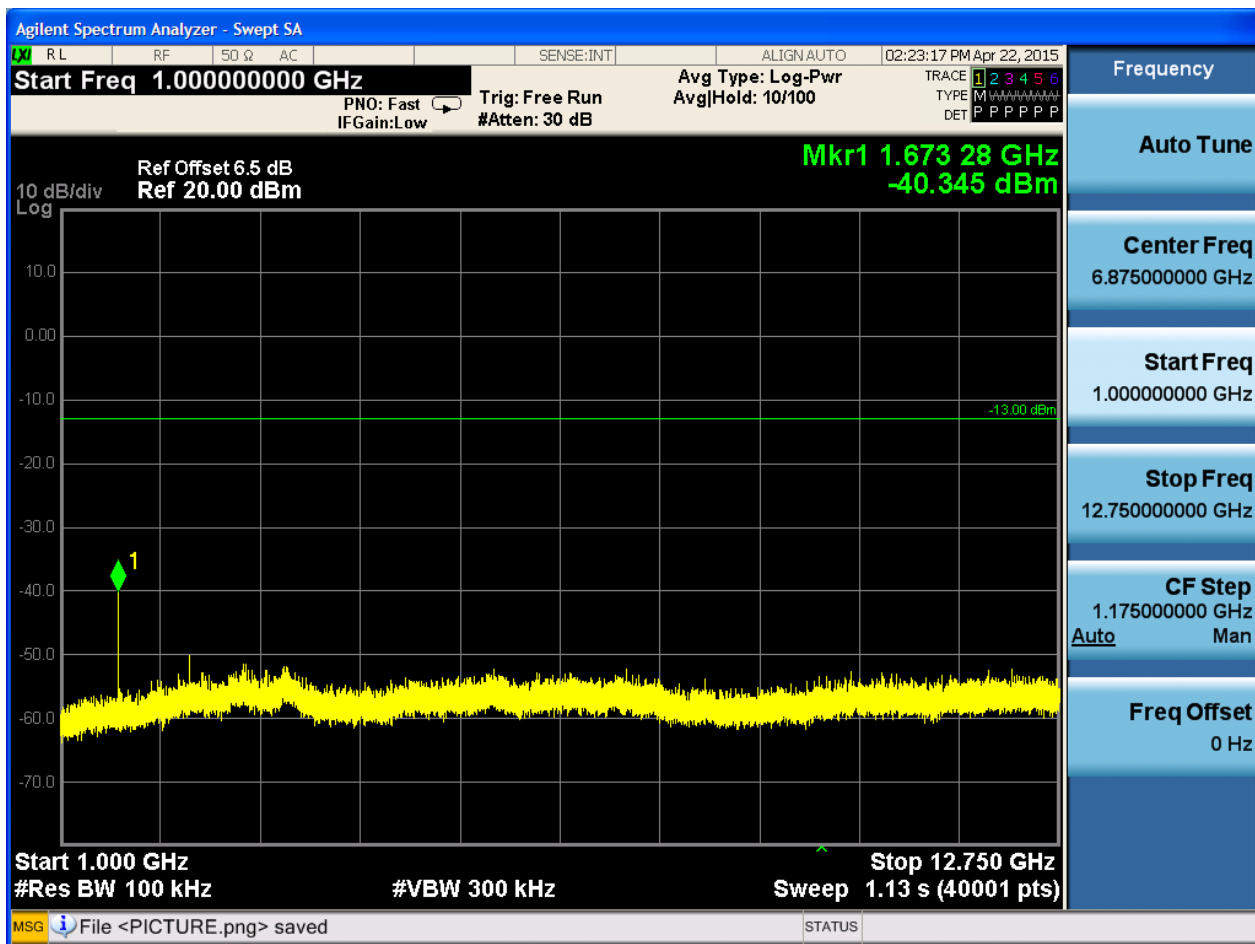


6.2.1.2.2 Test Channel = MCH



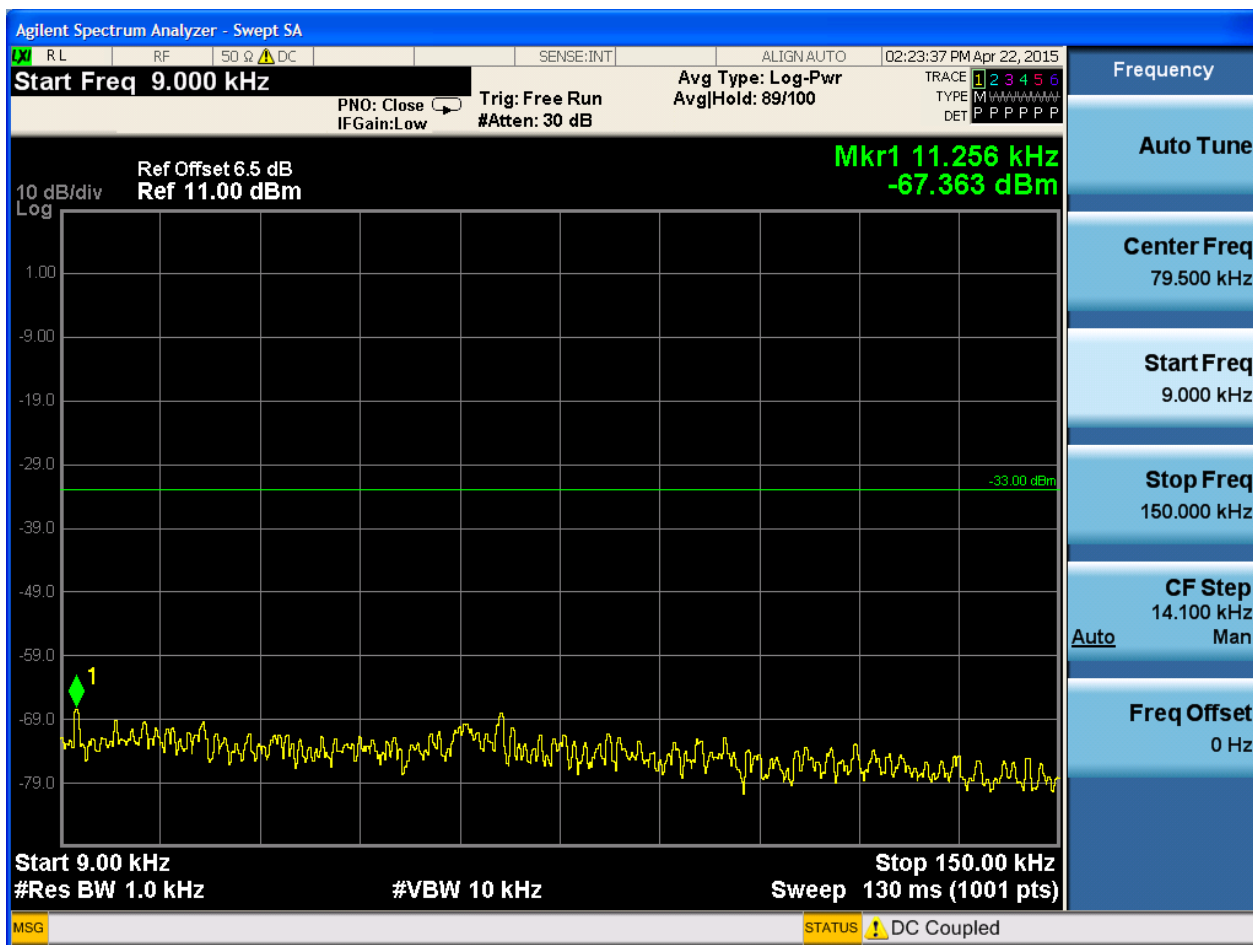


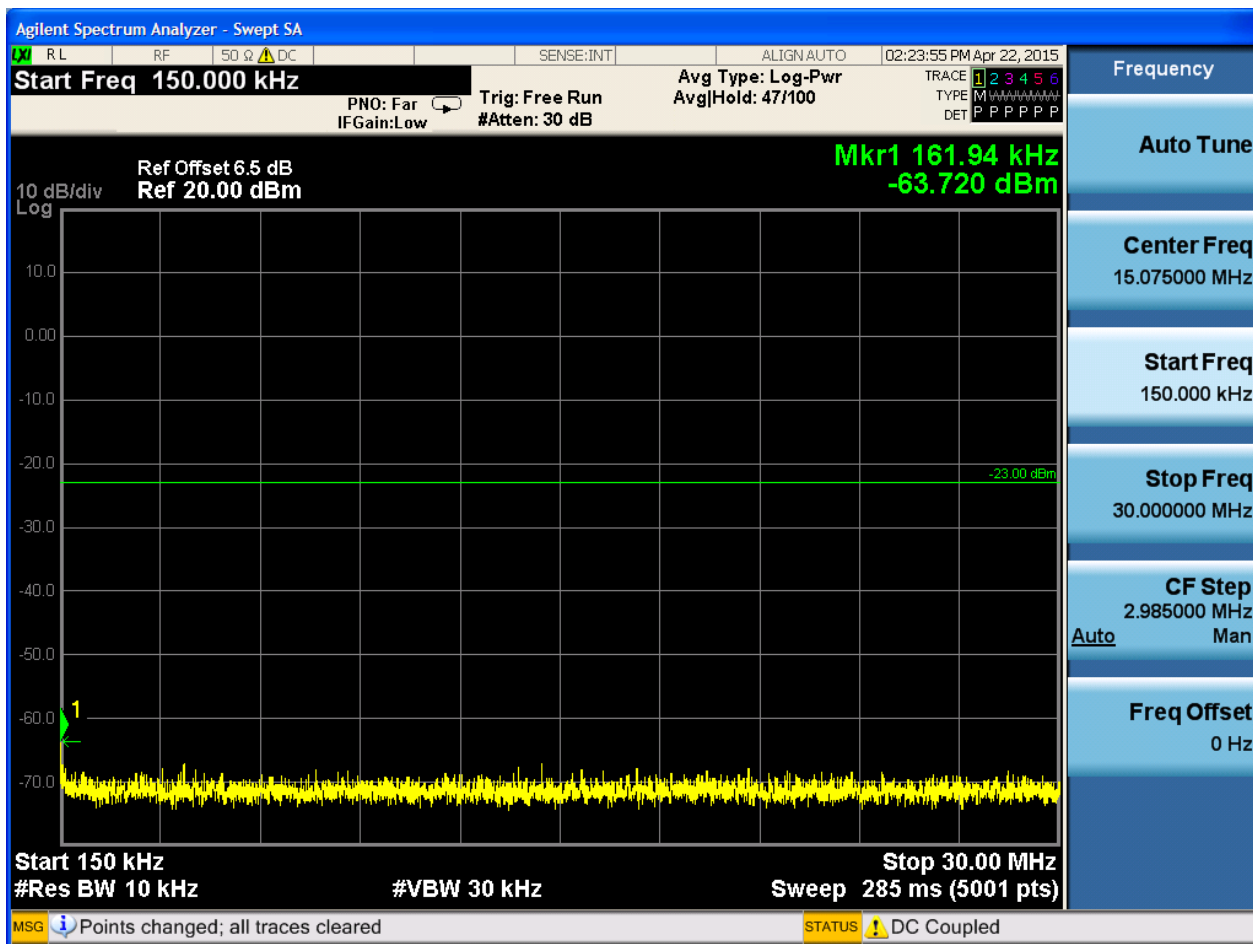


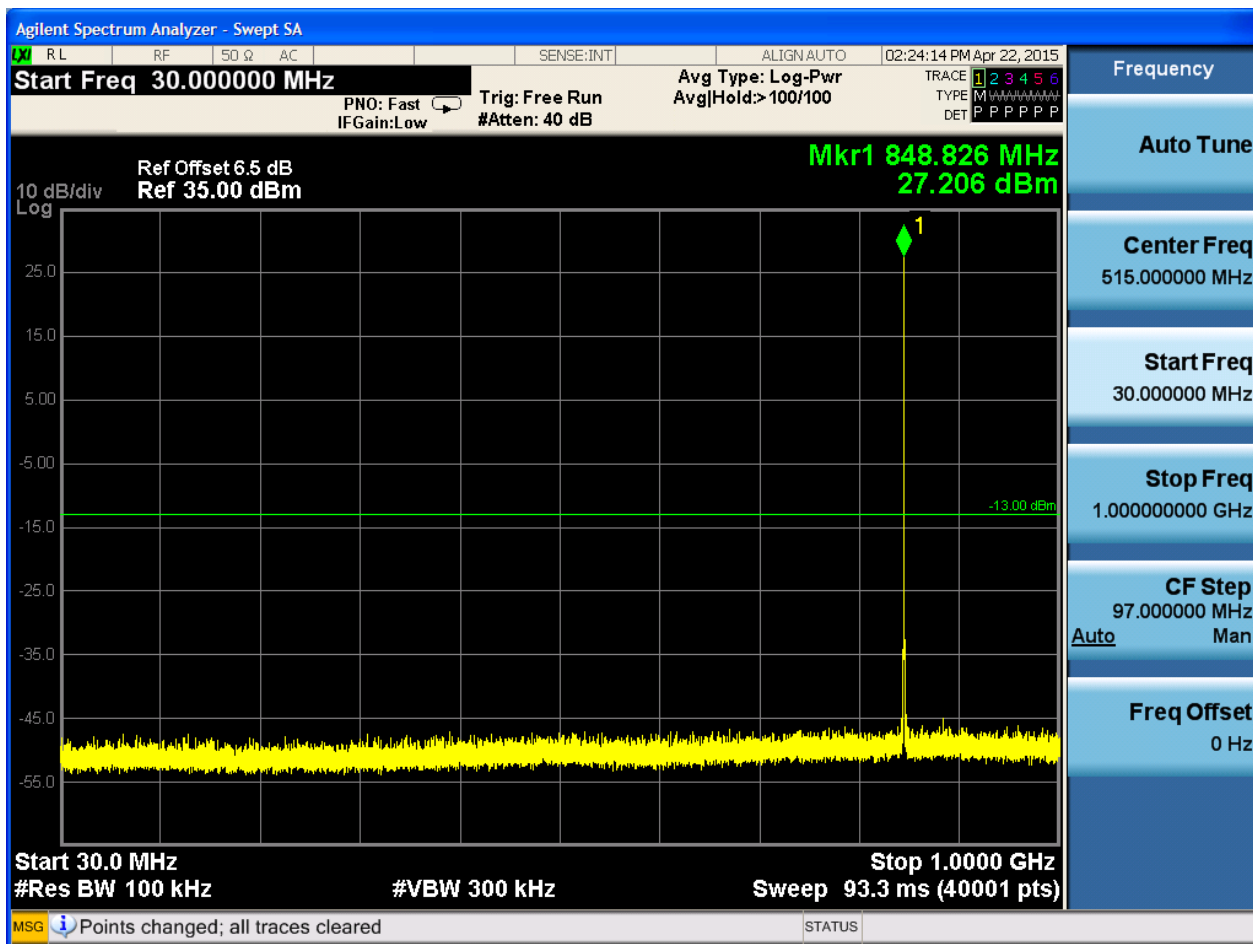


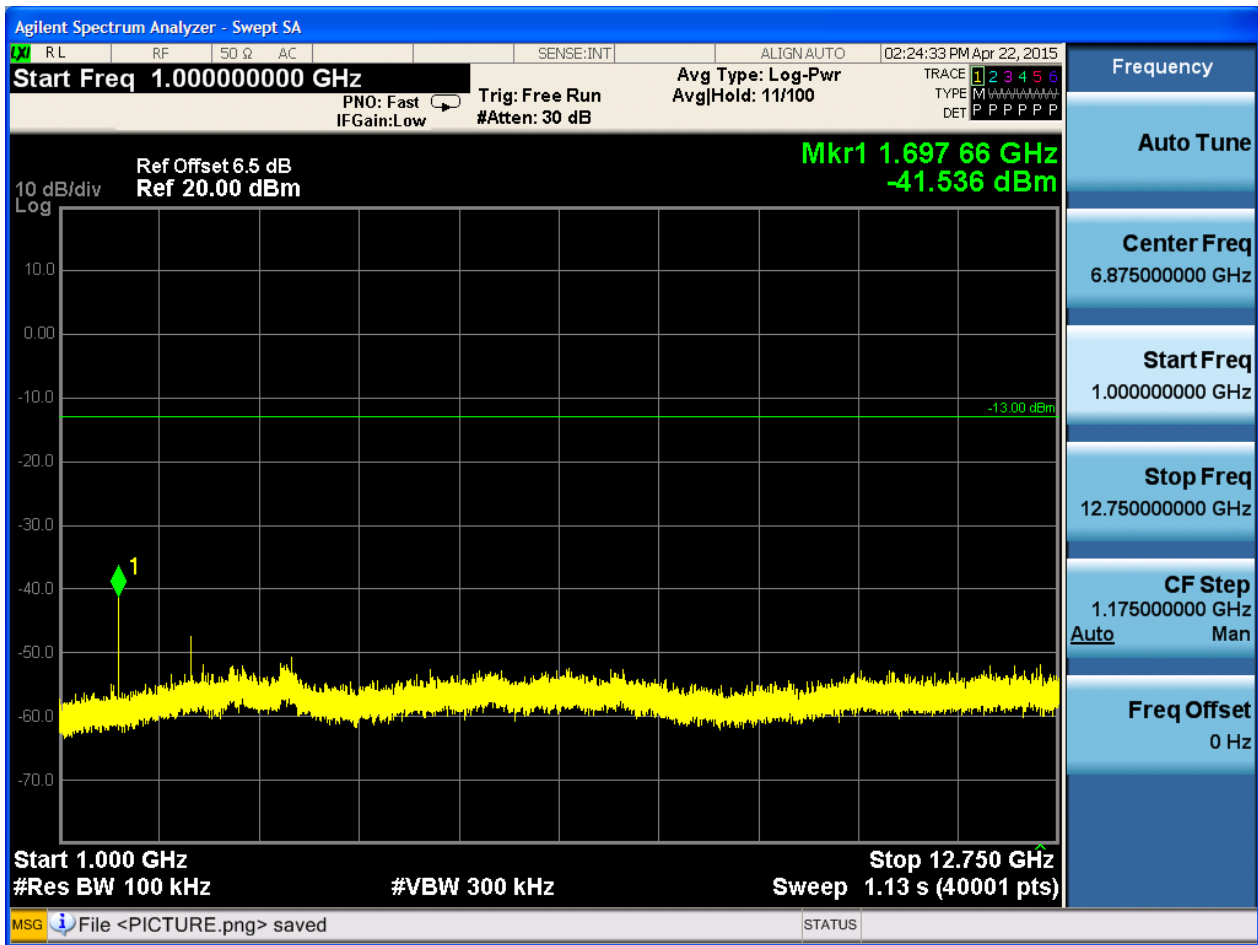


6.2.1.2.3 Test Channel = HCH







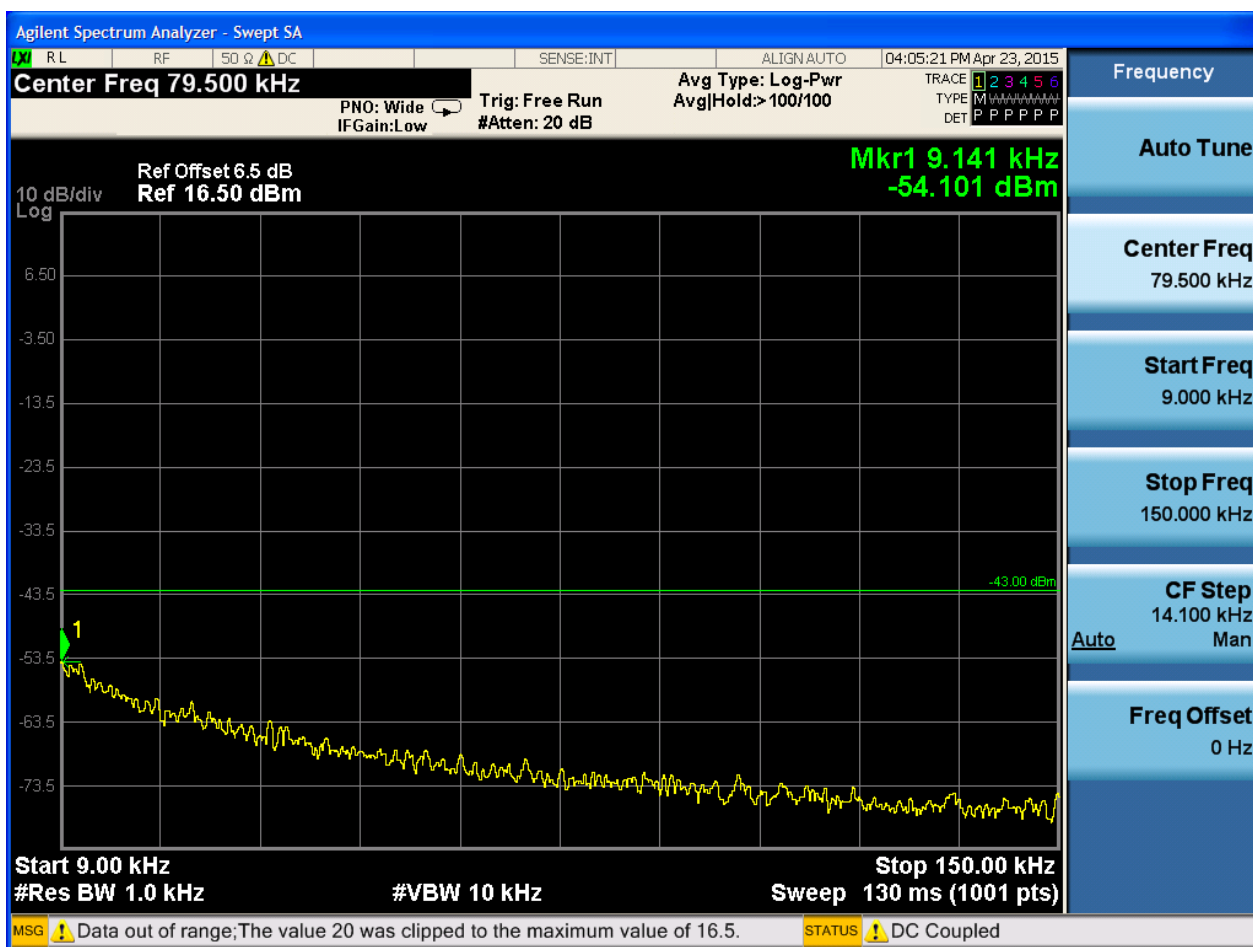


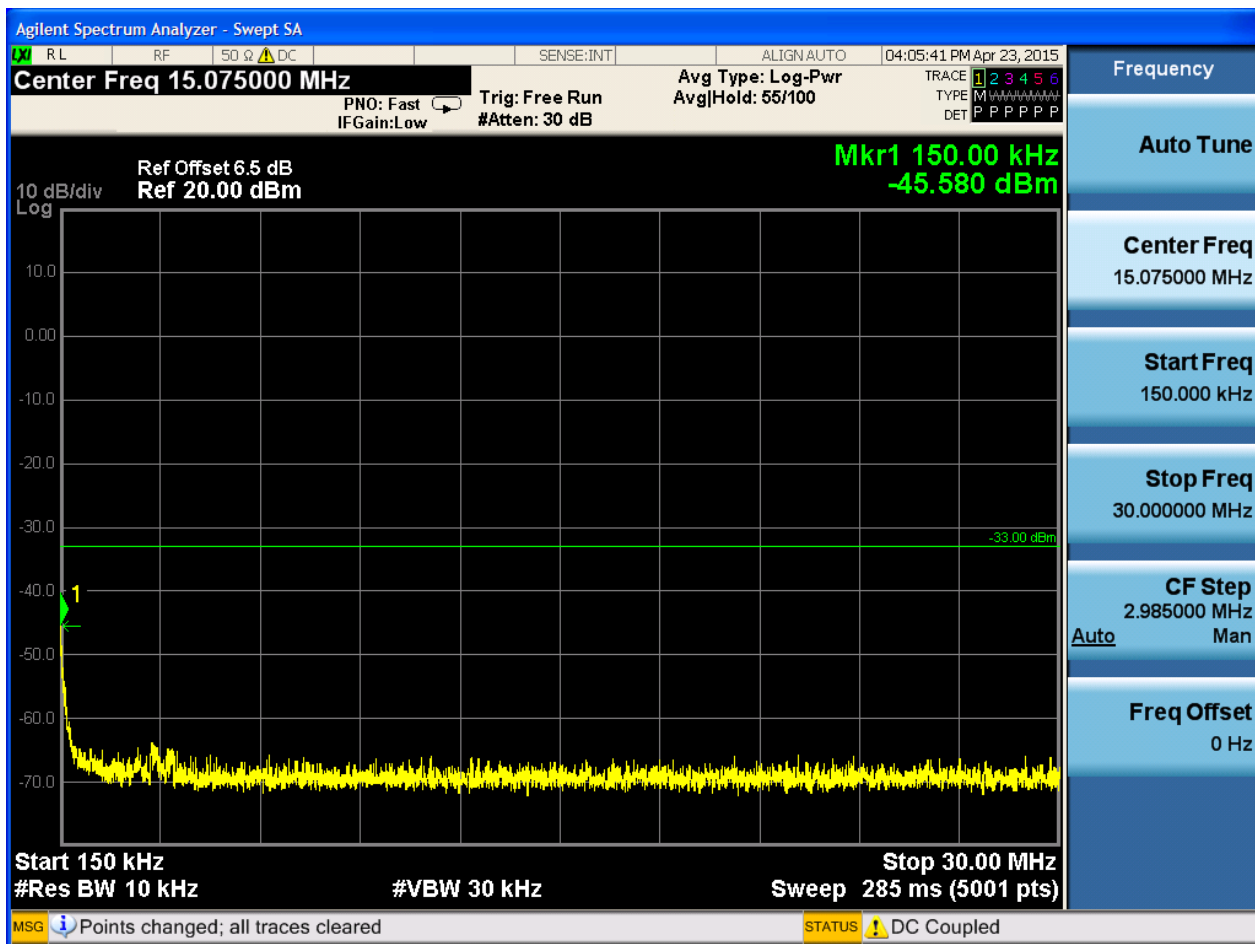


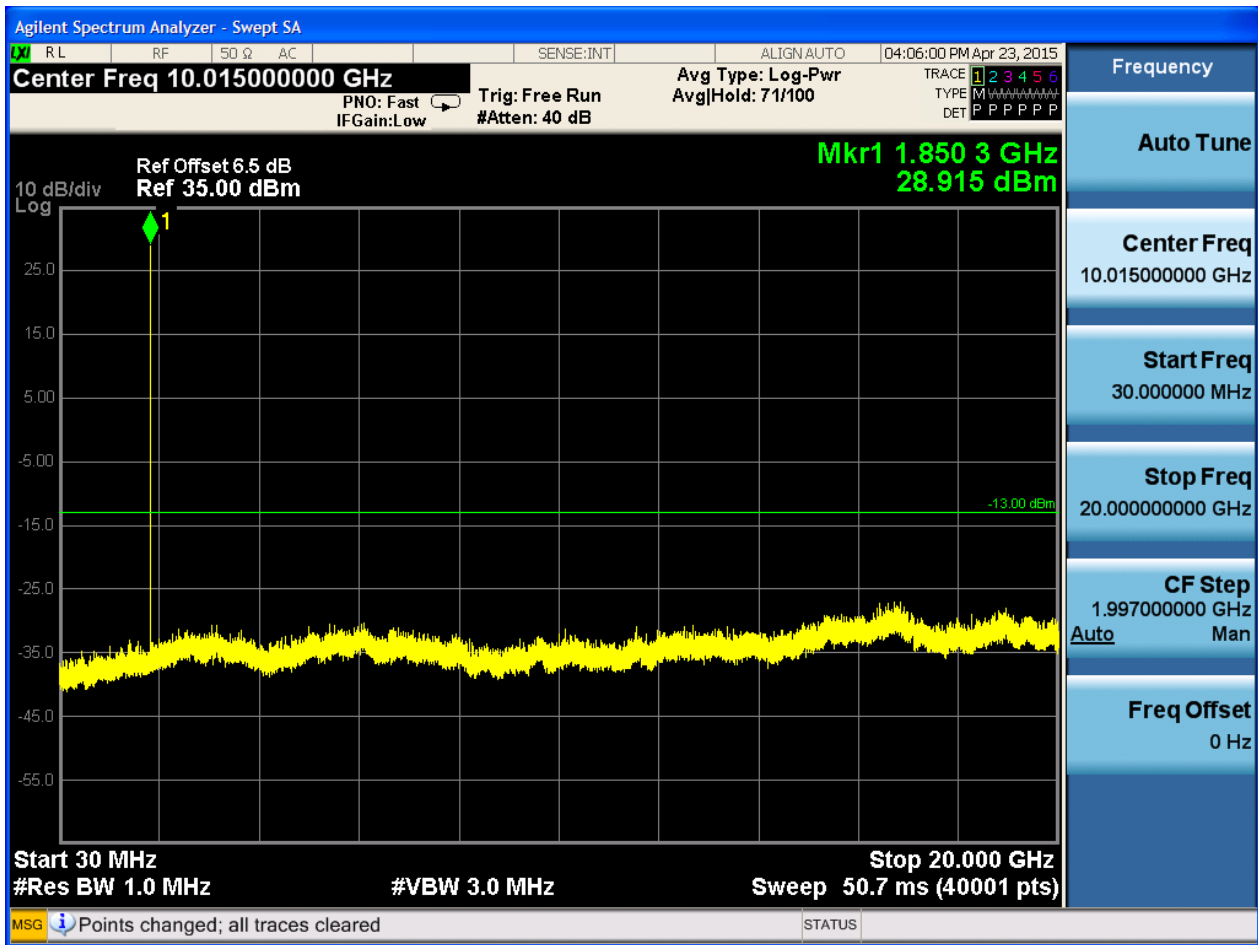
6.2.2 Test Band = GSM1900

6.2.2.1 Test Mode = GSM/TM1

6.2.2.1.1 Test Channel = LCH

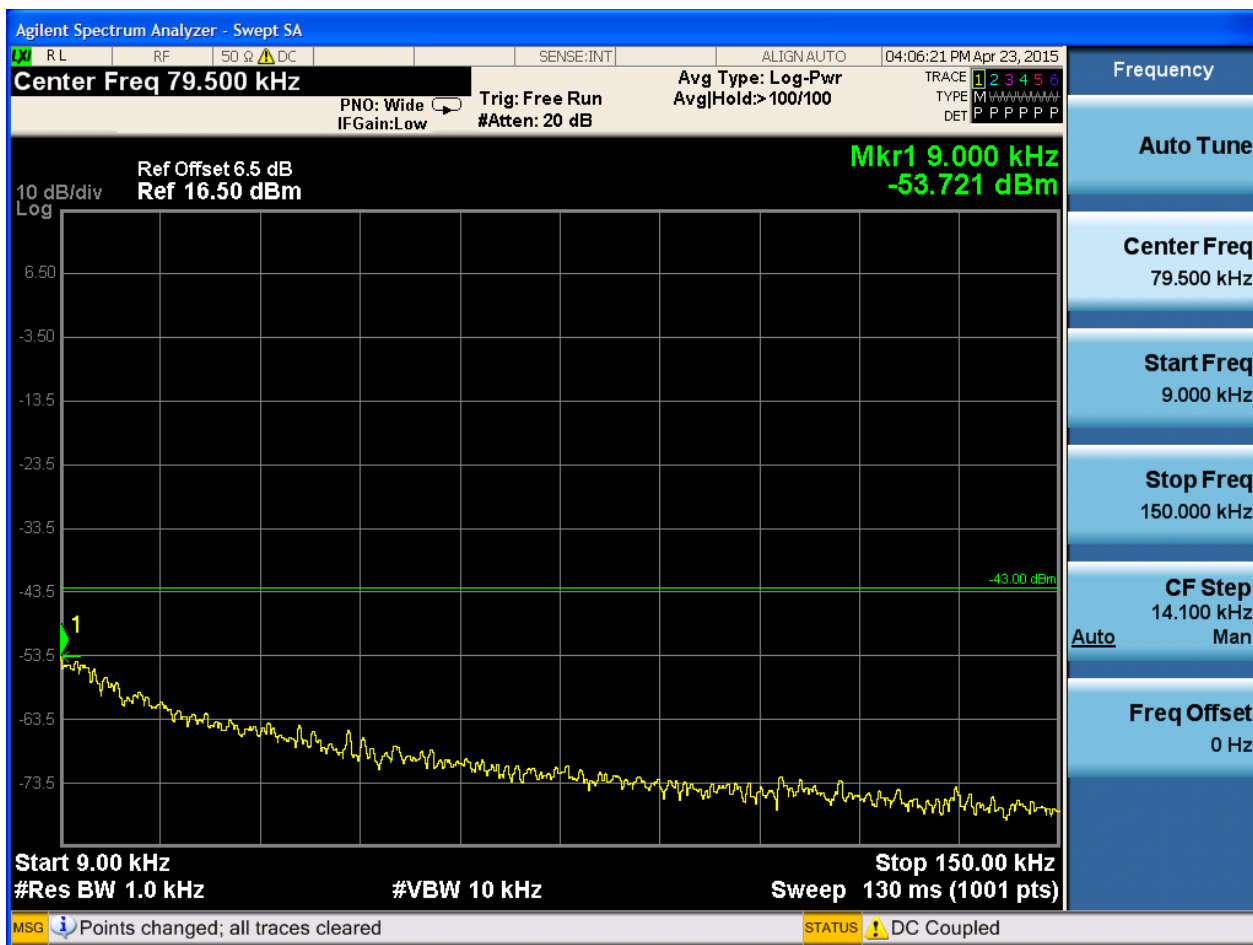


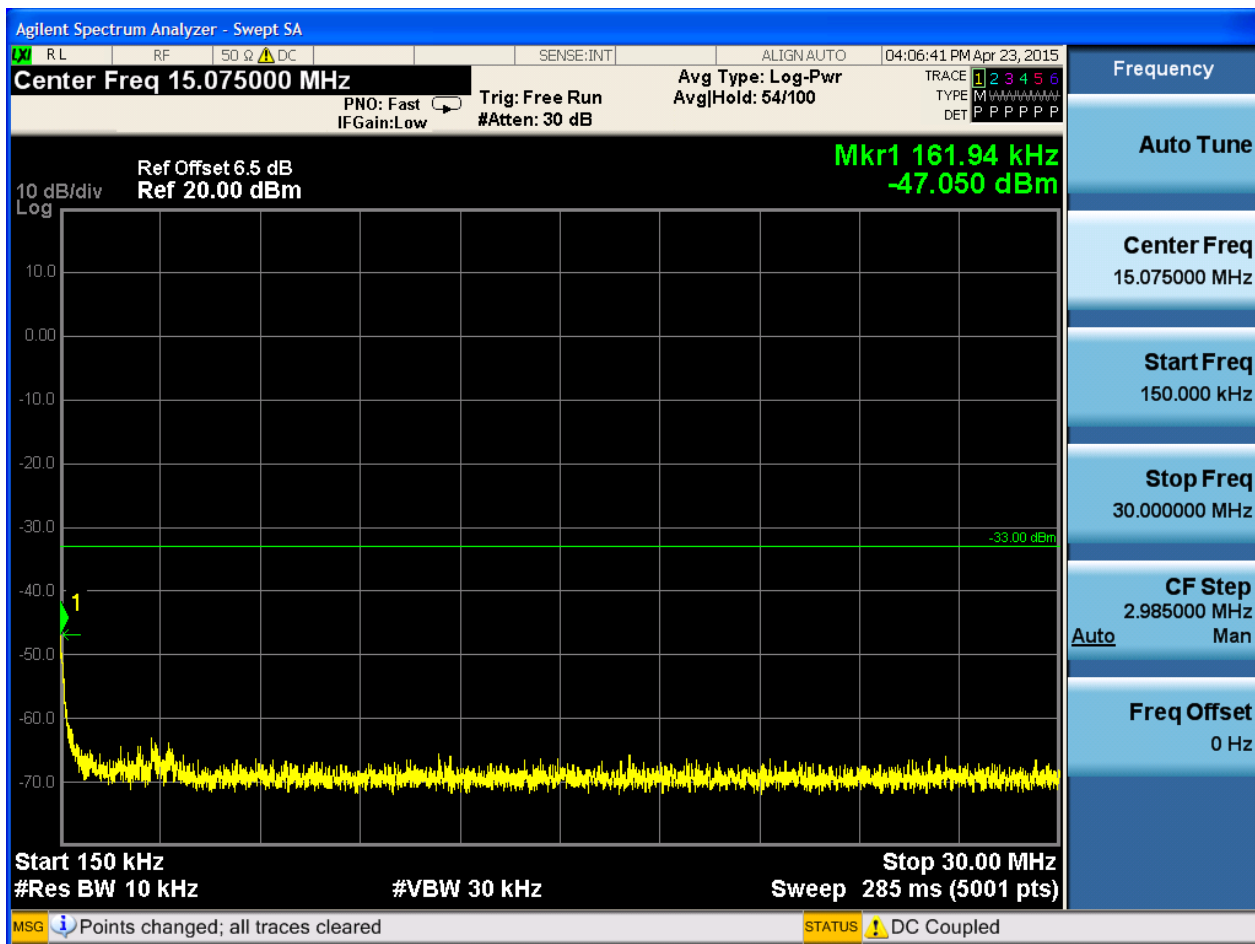


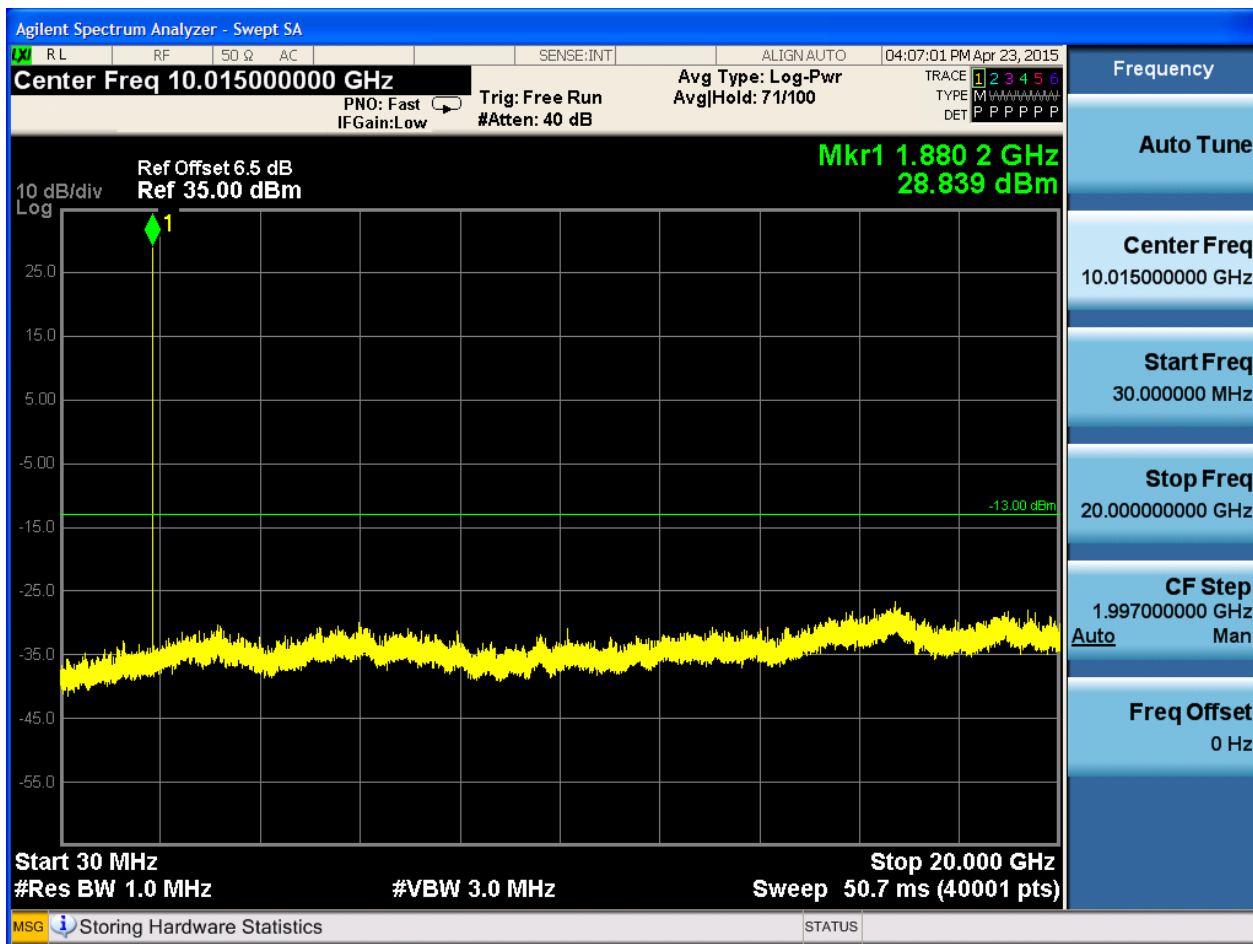




6.2.2.1.2 Test Channel = MCH

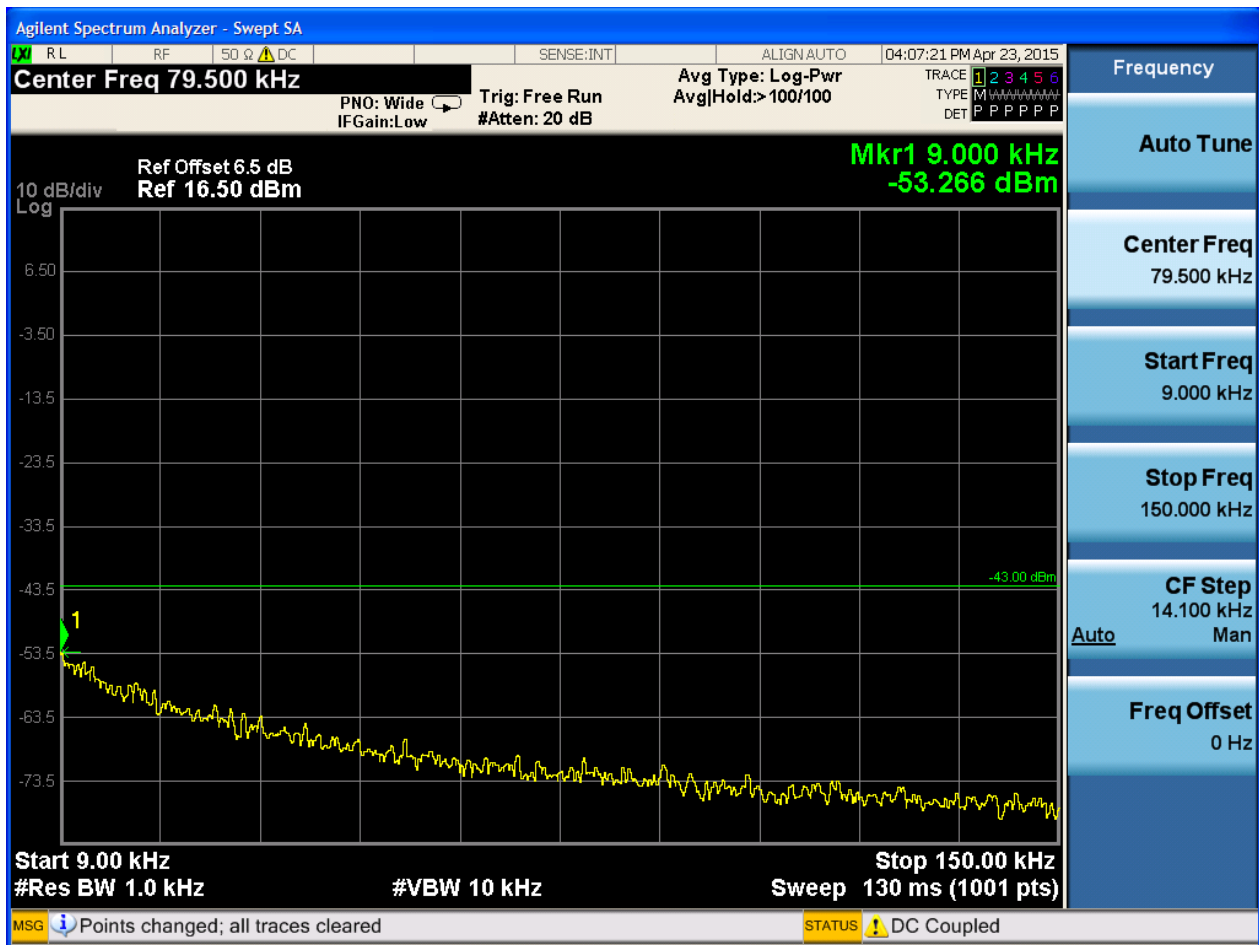


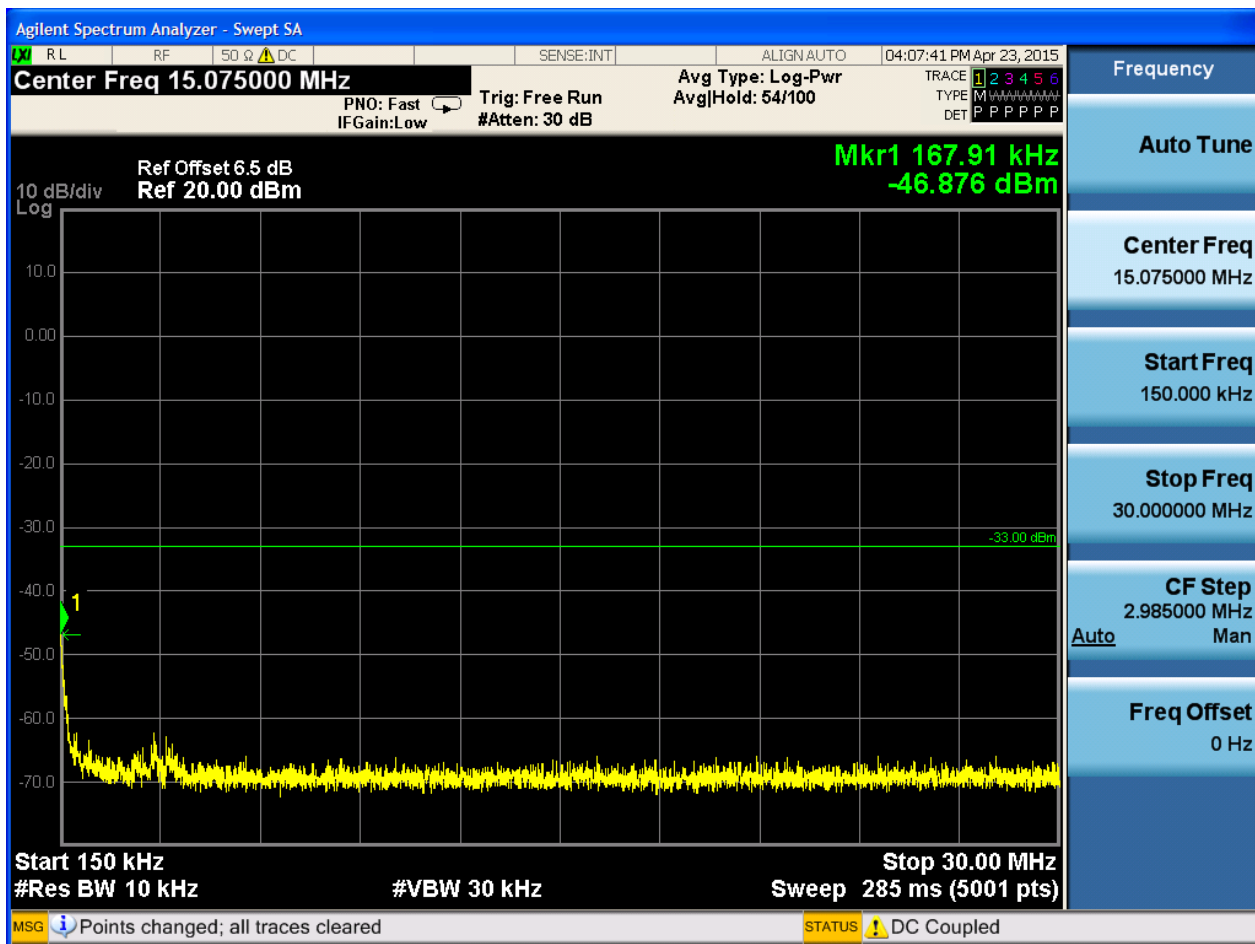


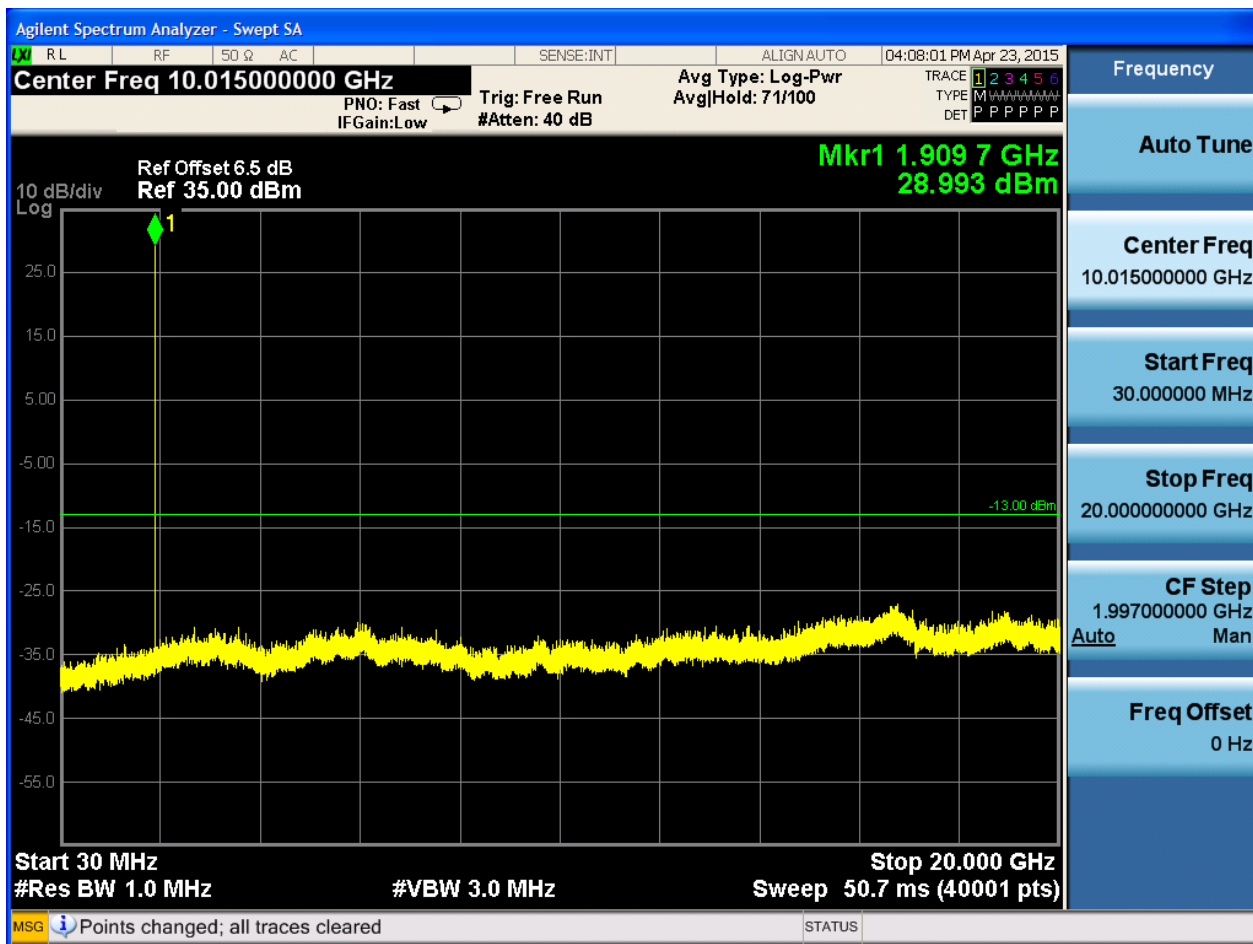




6.2.2.1.3 Test Channel = HCH



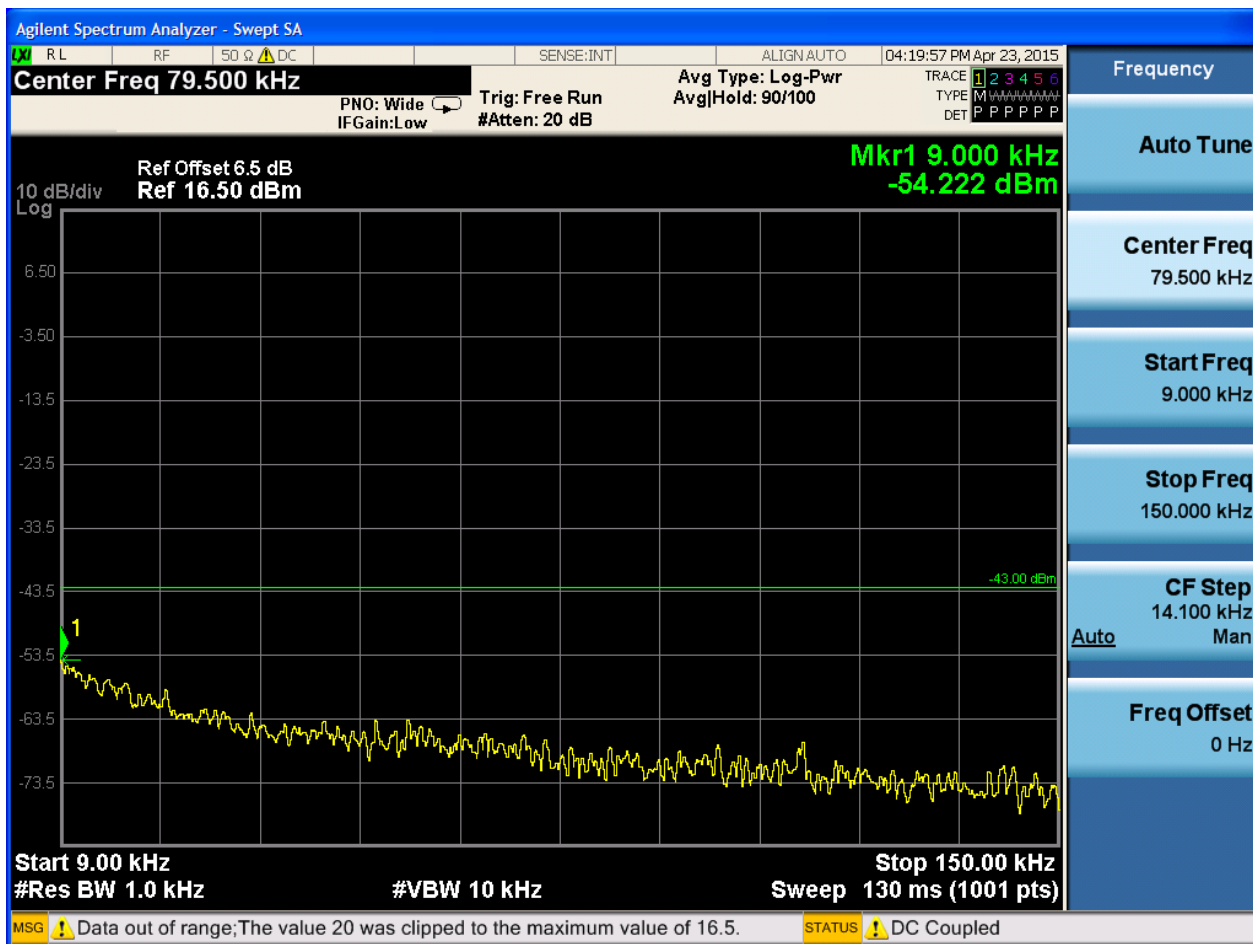


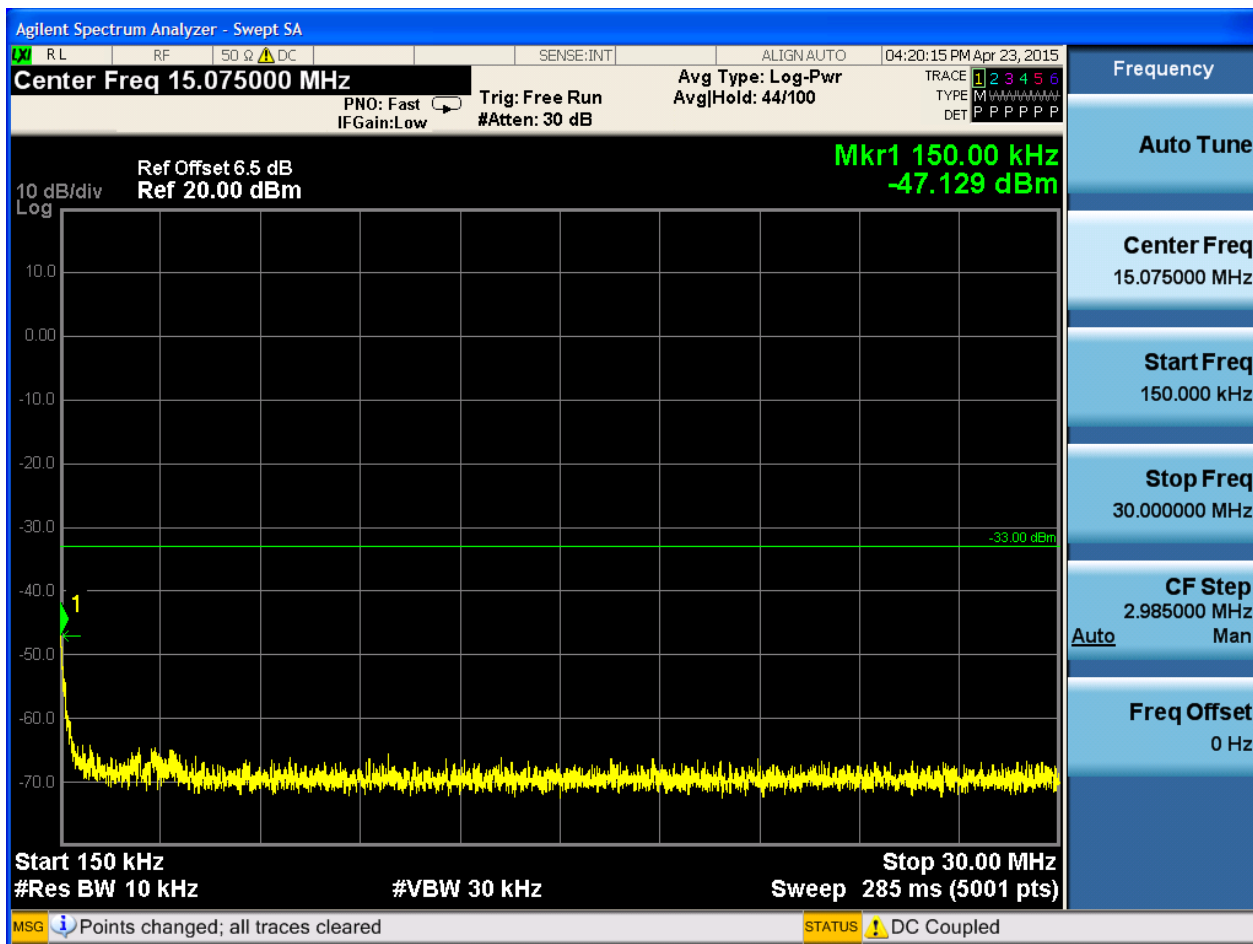


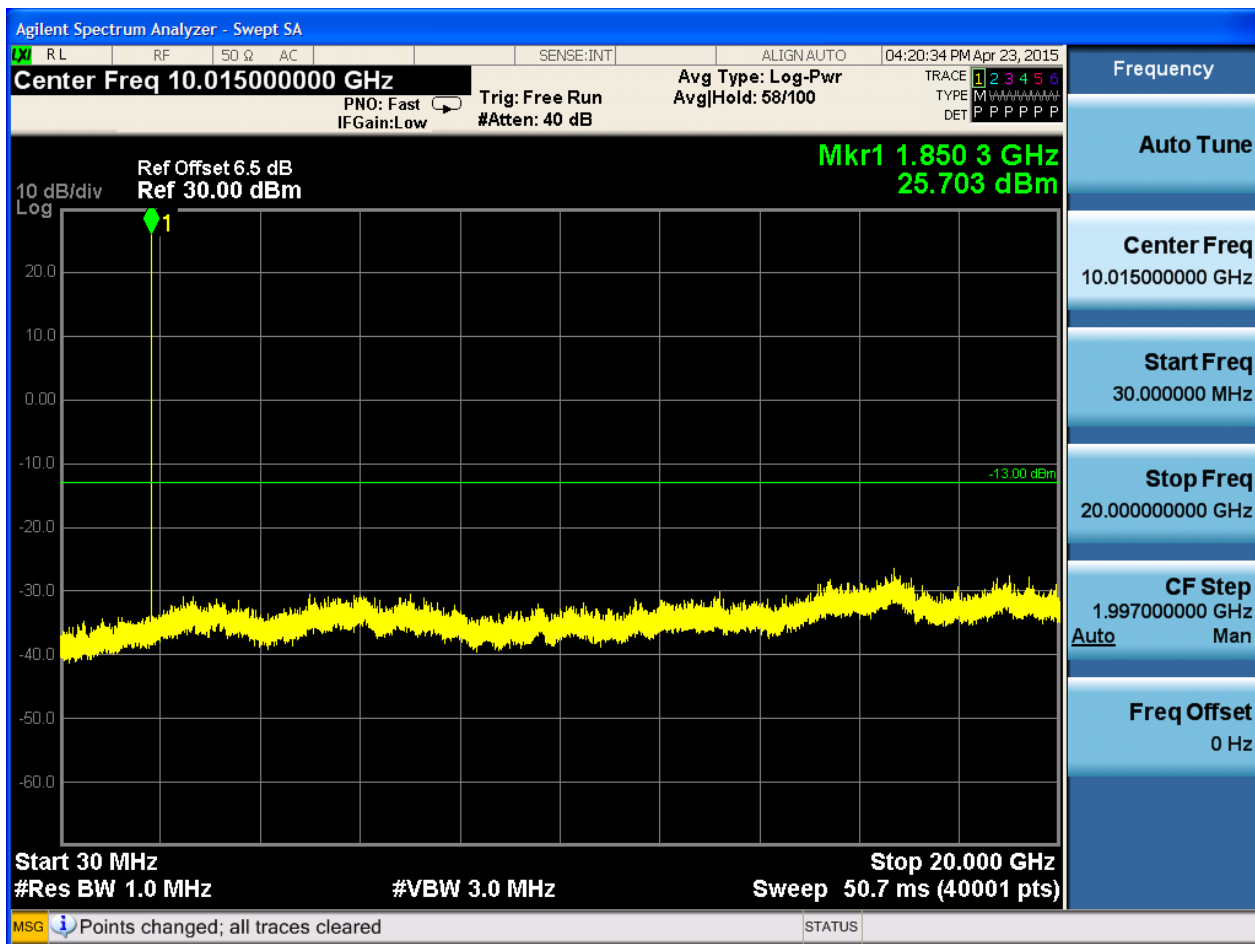


6.2.2.2 Test Mode = GSM/TM2

6.2.2.2.1 Test Channel = LCH

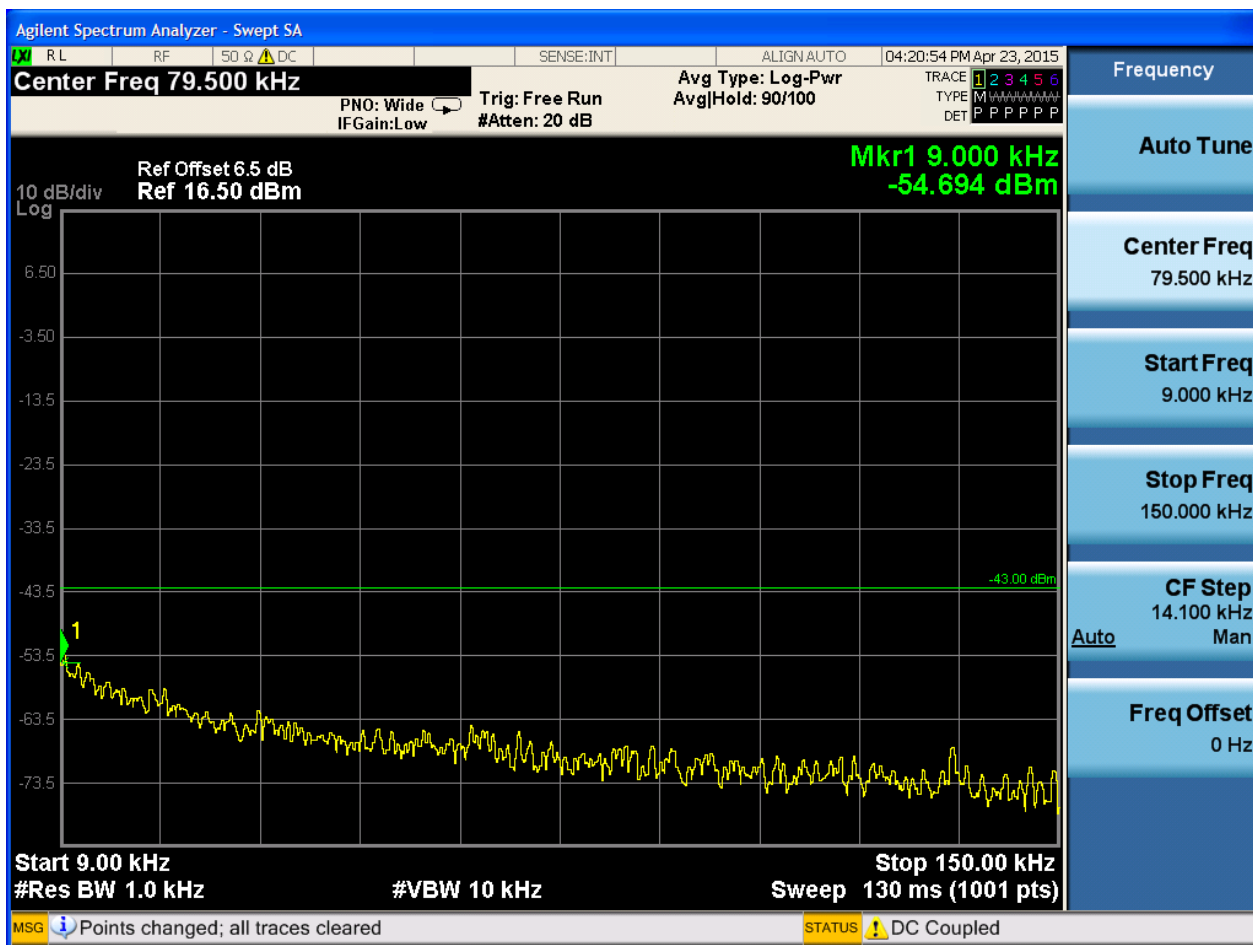


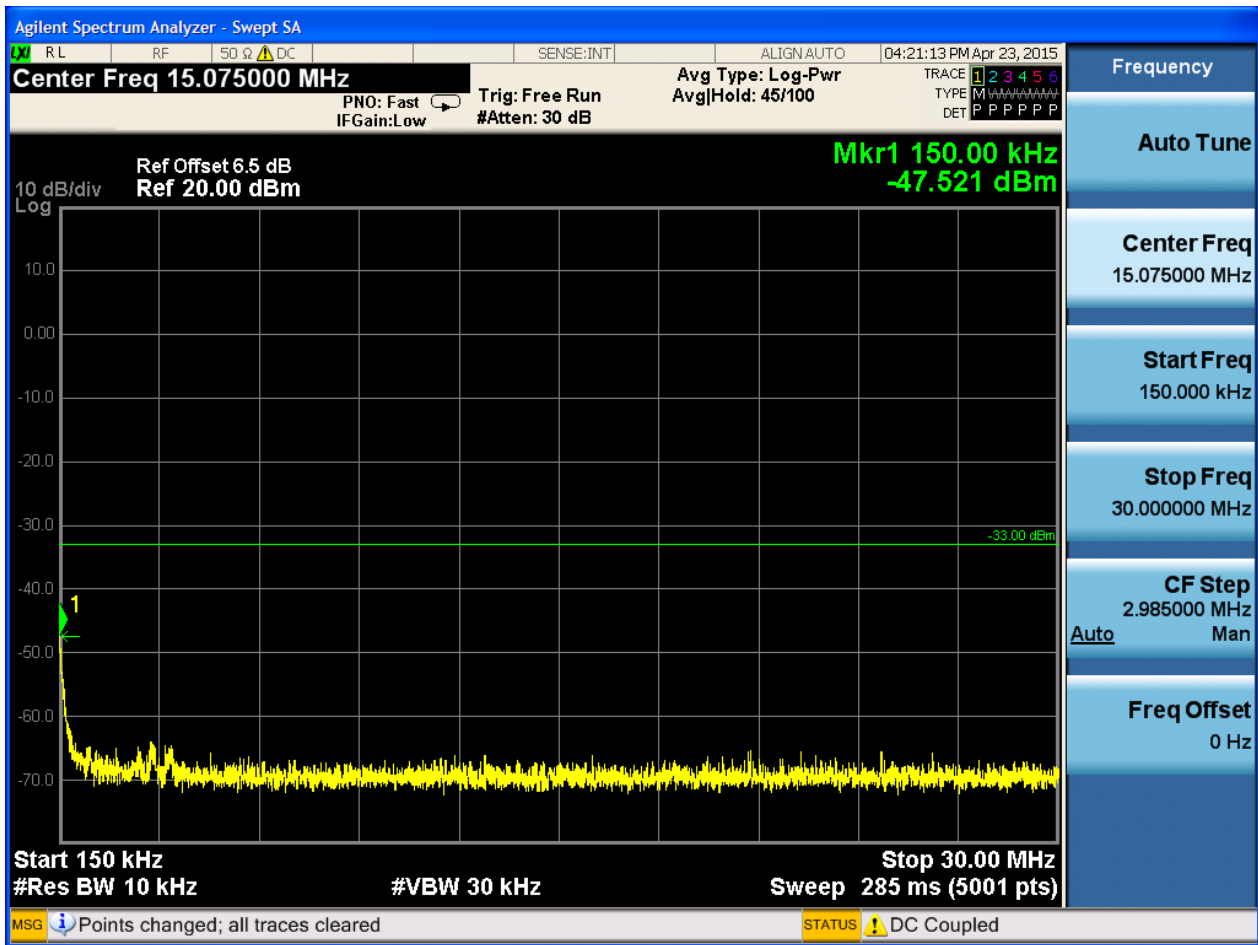


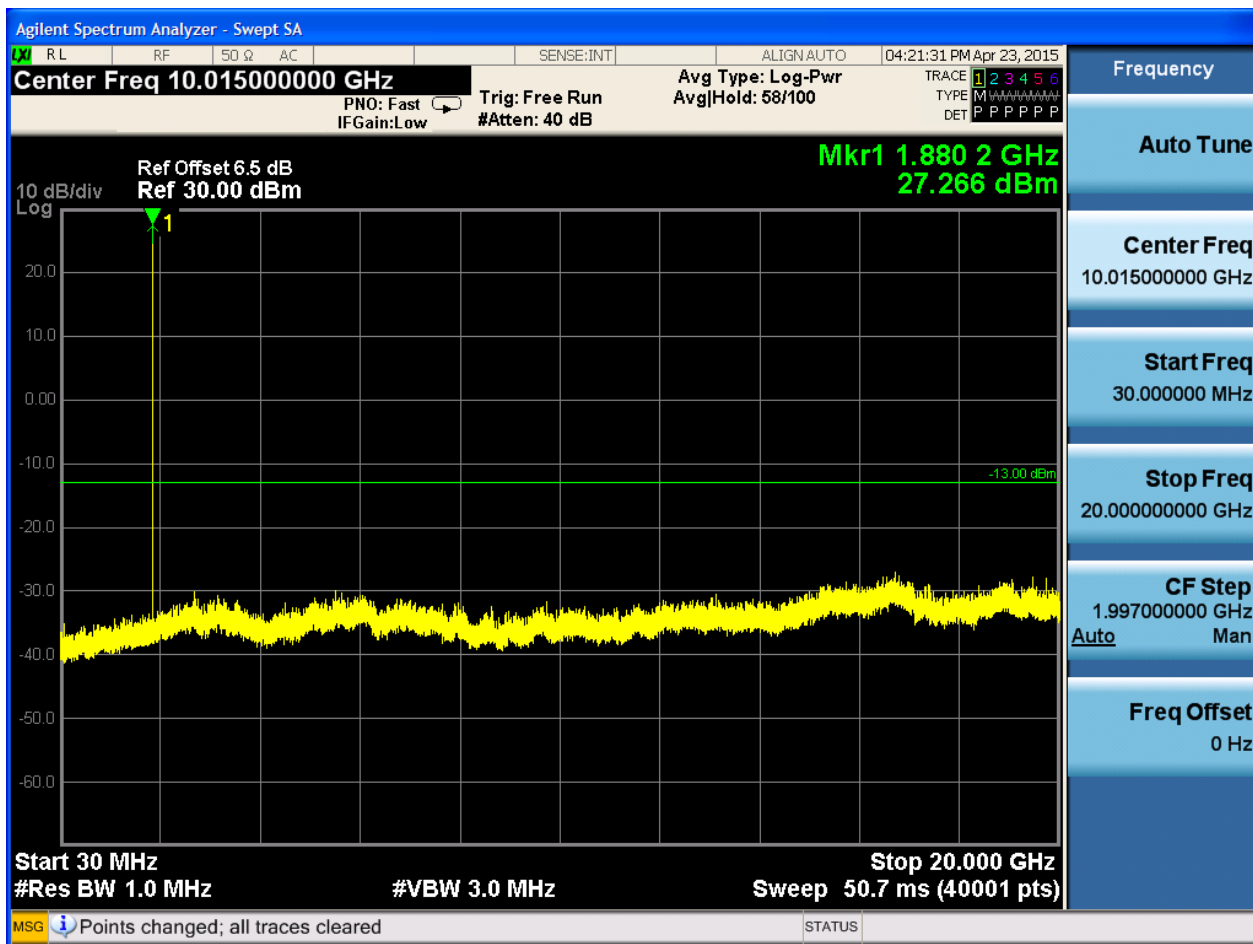




6.2.2.2.2 Test Channel = MCH

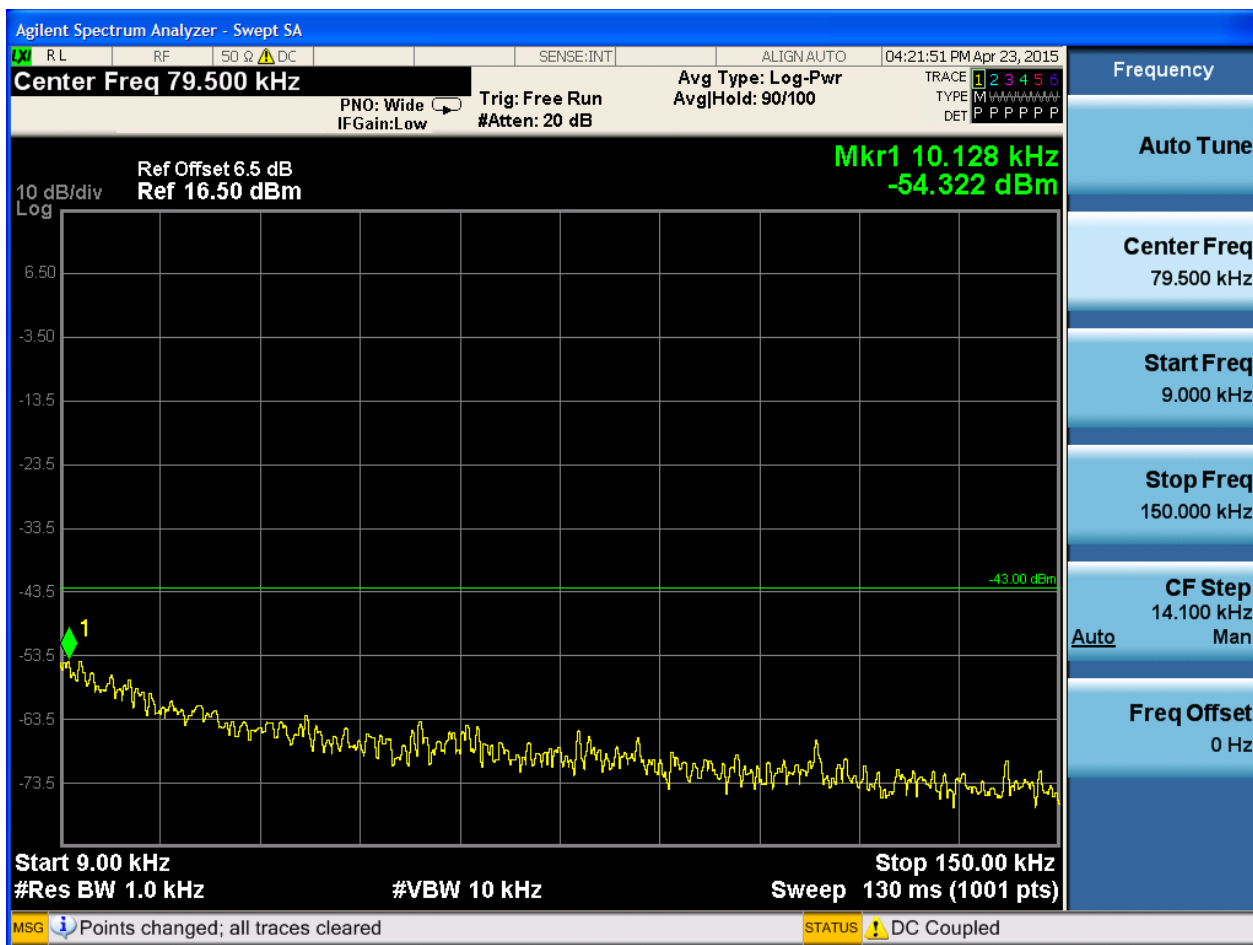


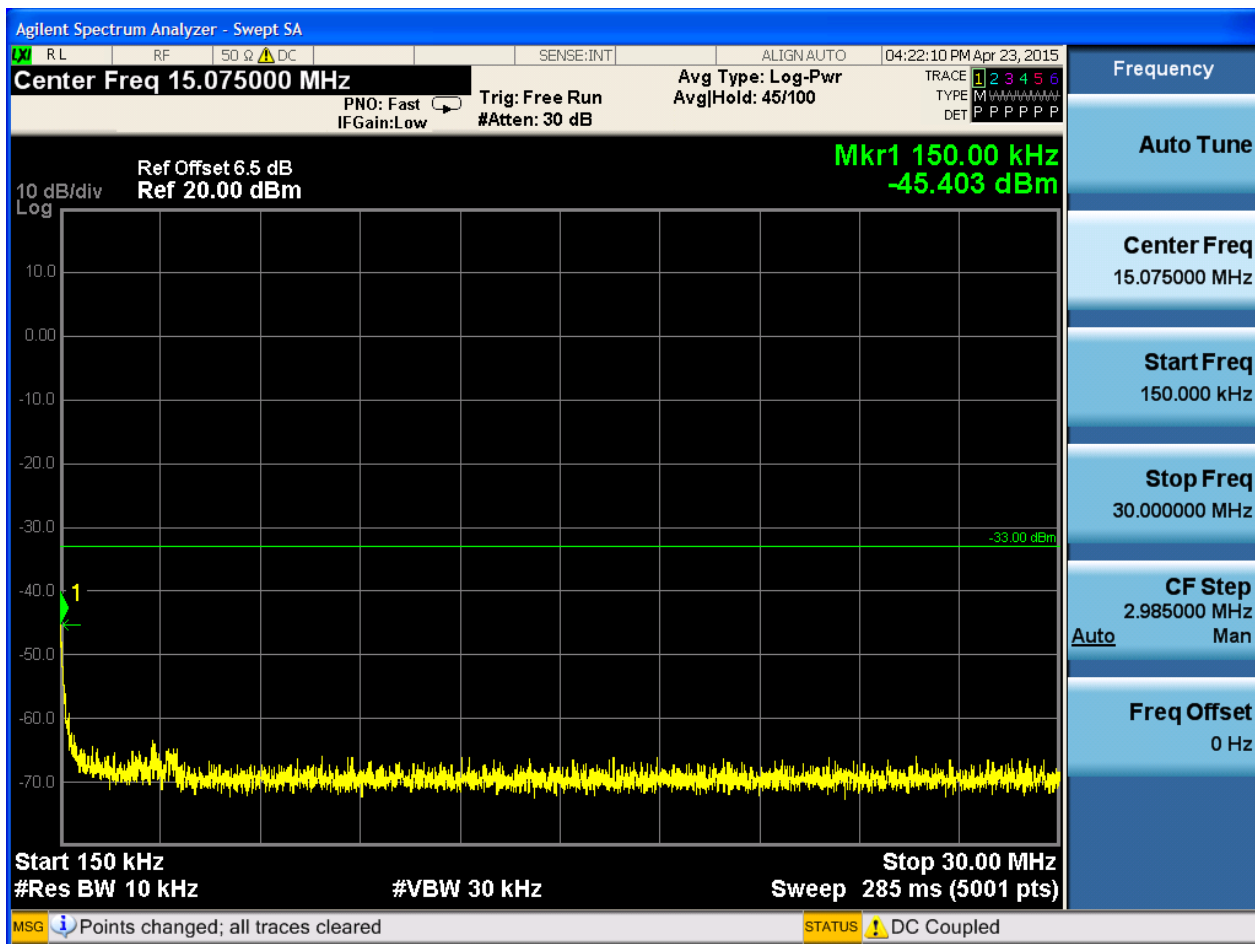


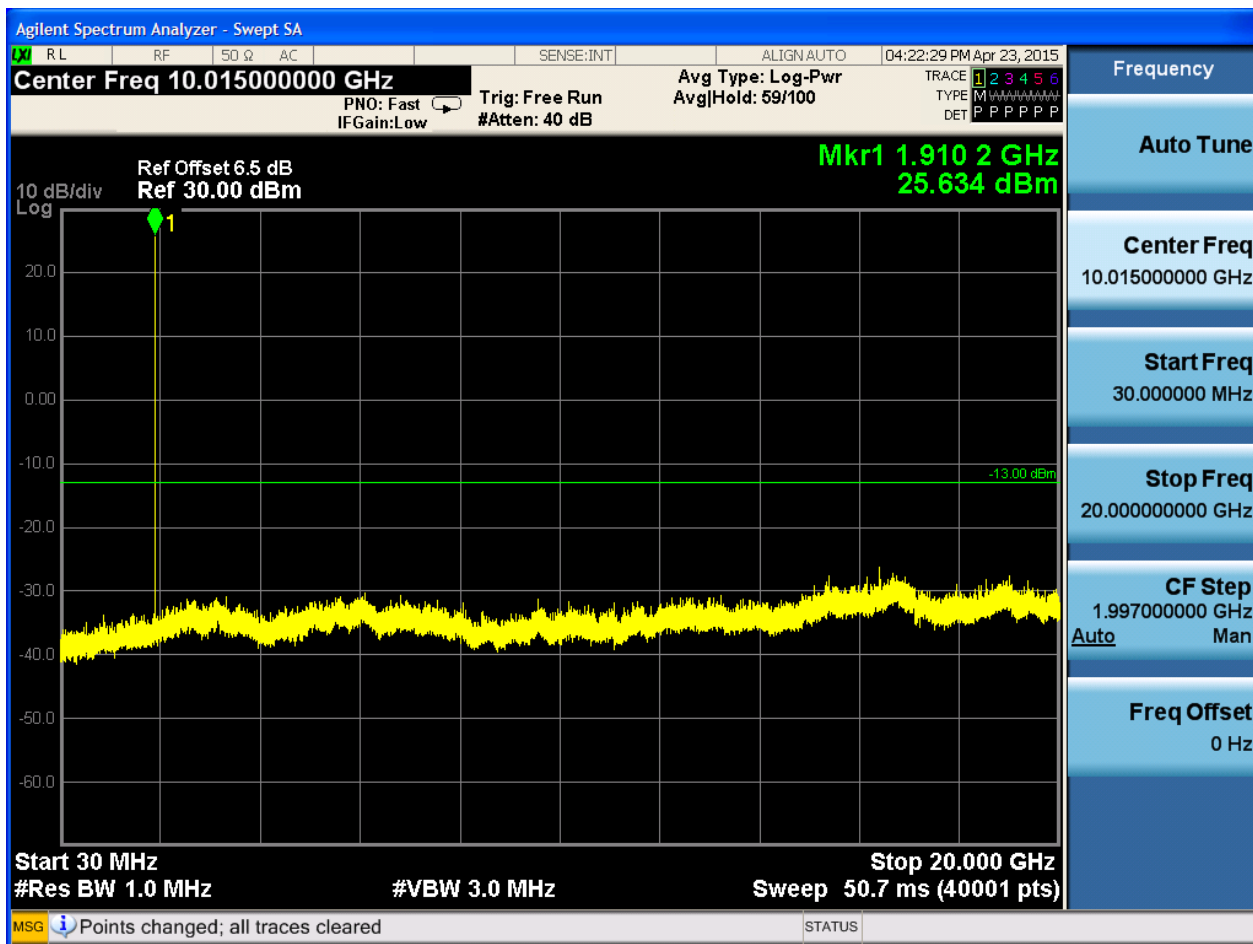




6.2.2.2.3 Test Channel = HCH







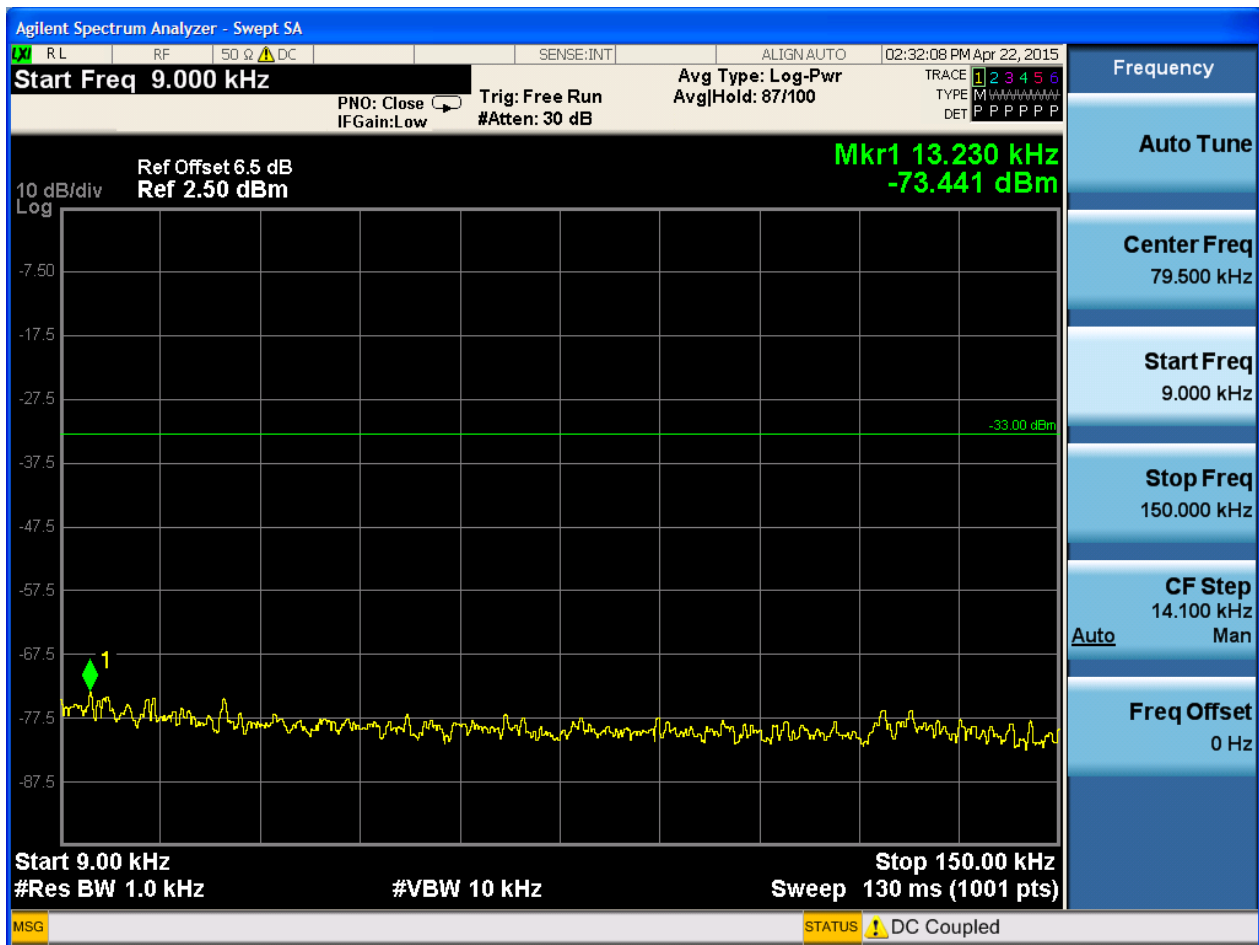


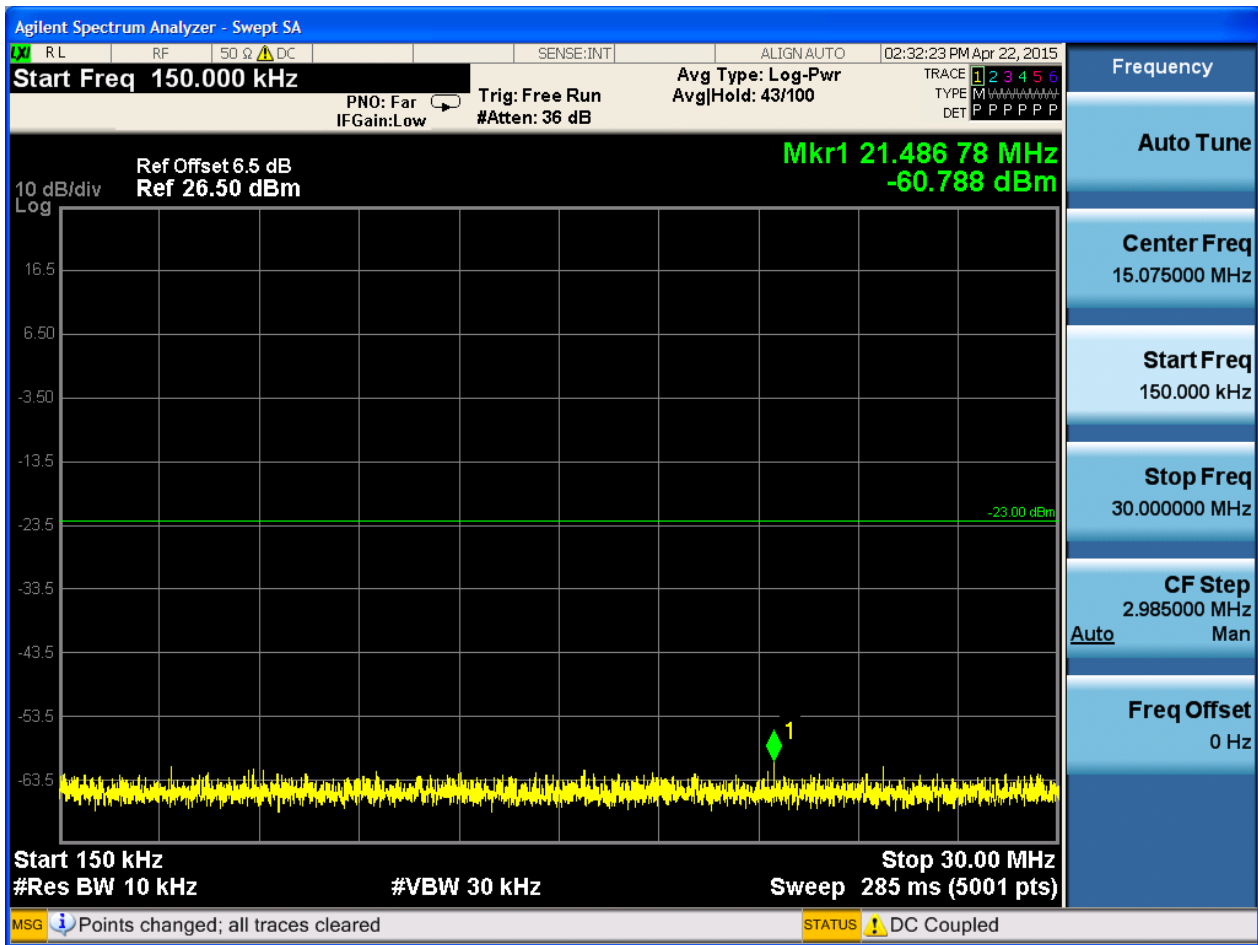
6.3 For UMTS

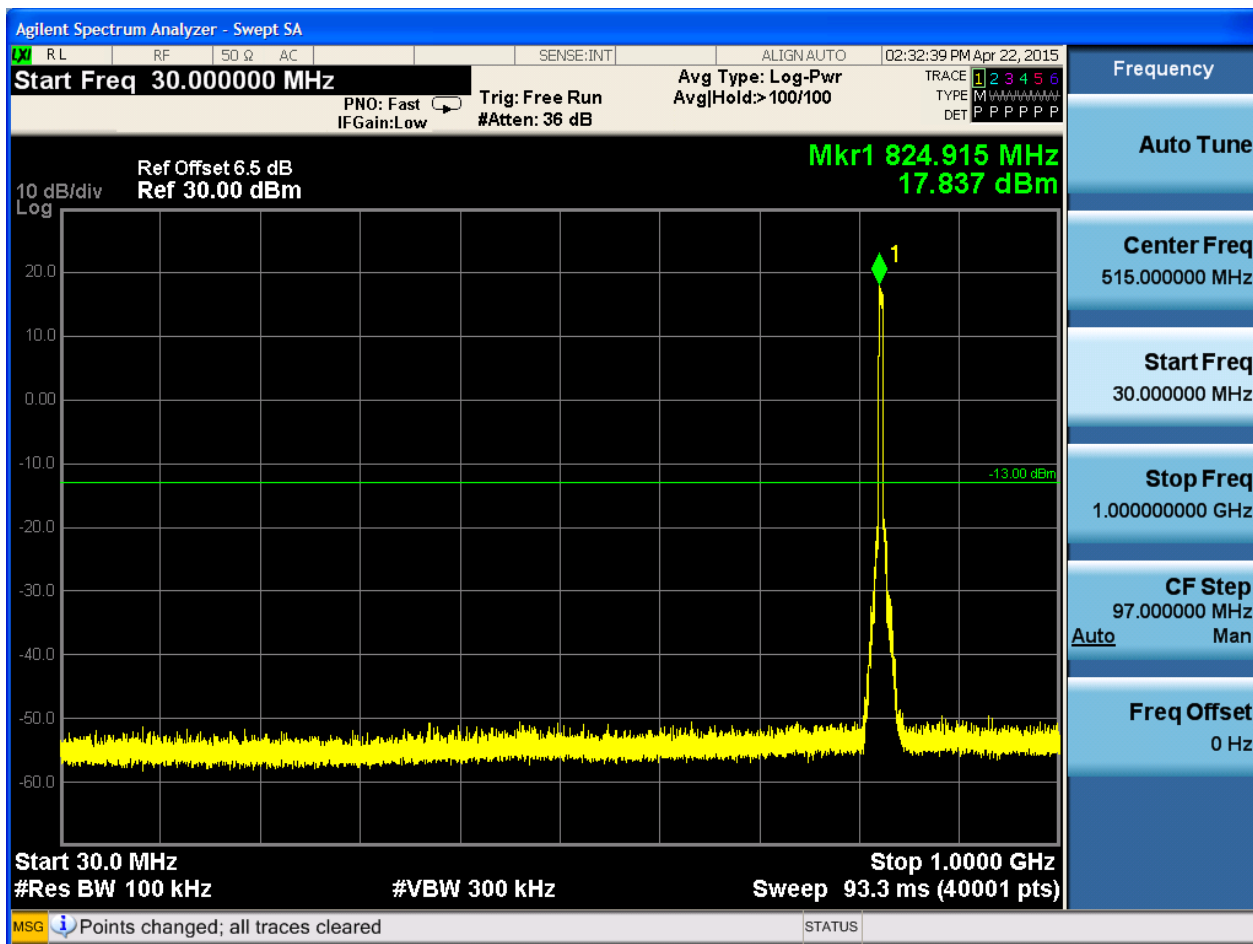
6.3.1 Test Band = WCDMA850

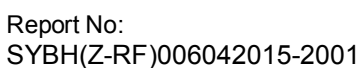
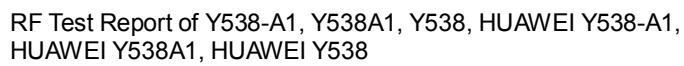
6.3.1.1 Test Mode = UMTS/TM1

6.3.1.1.1 Test Channel = LCH



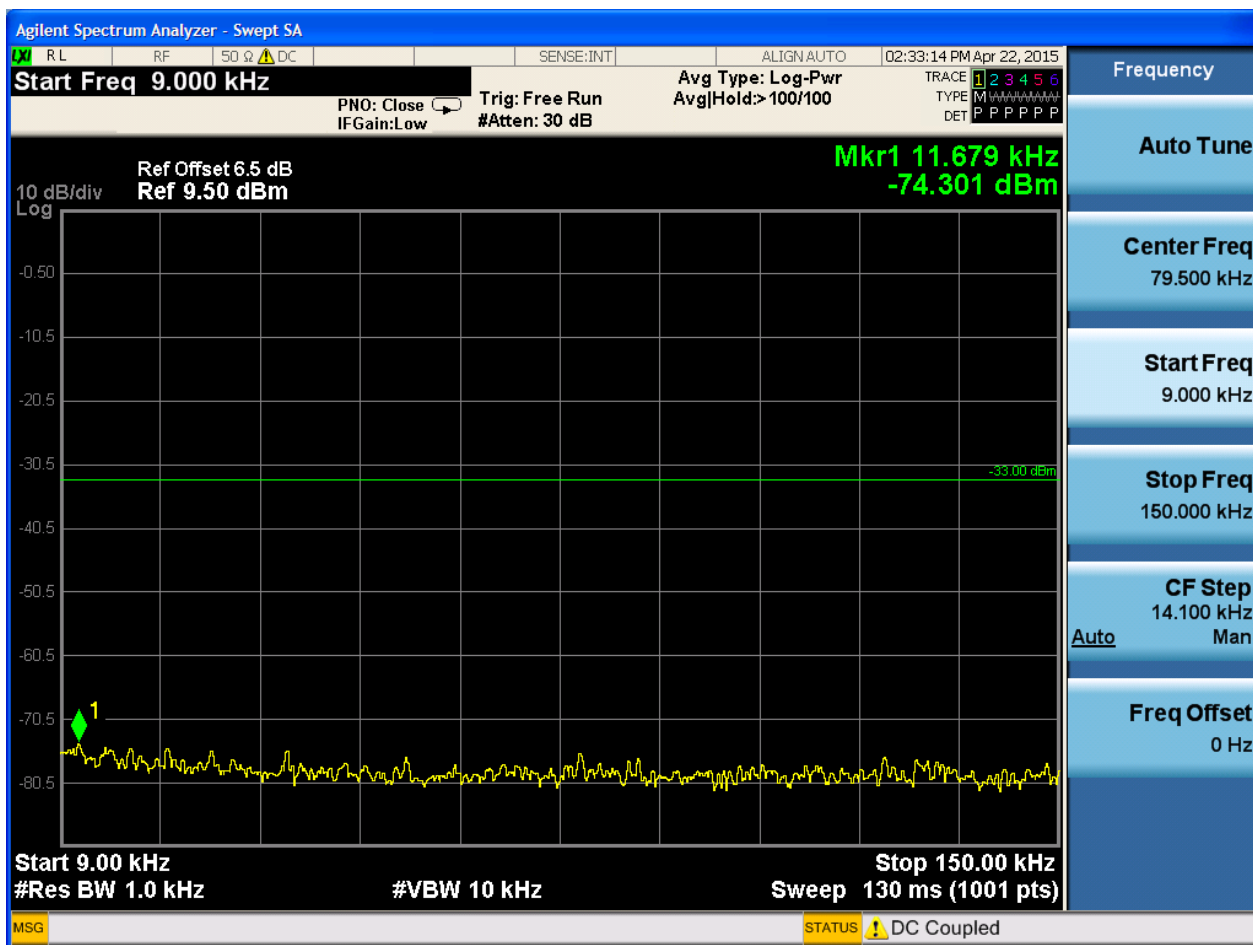


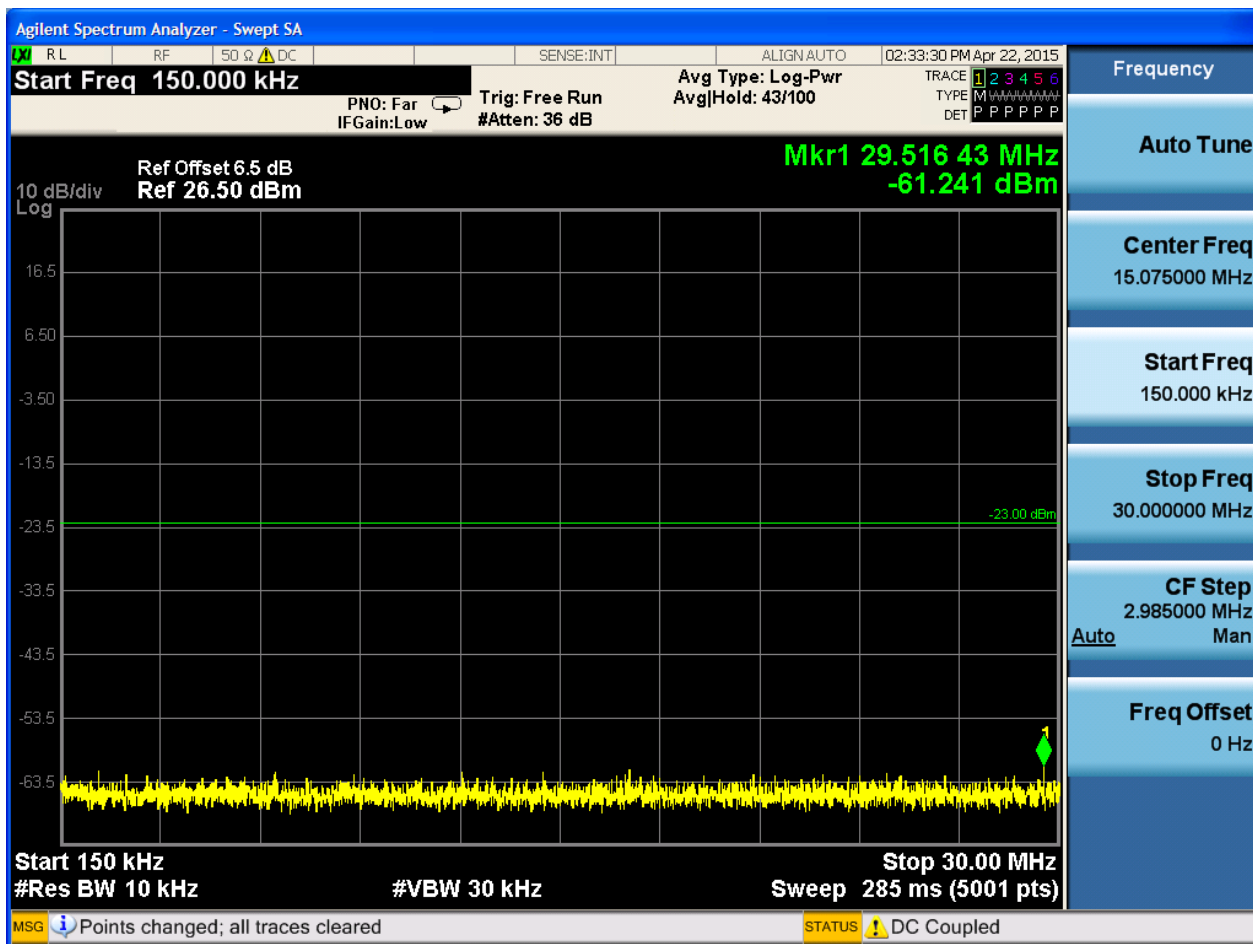


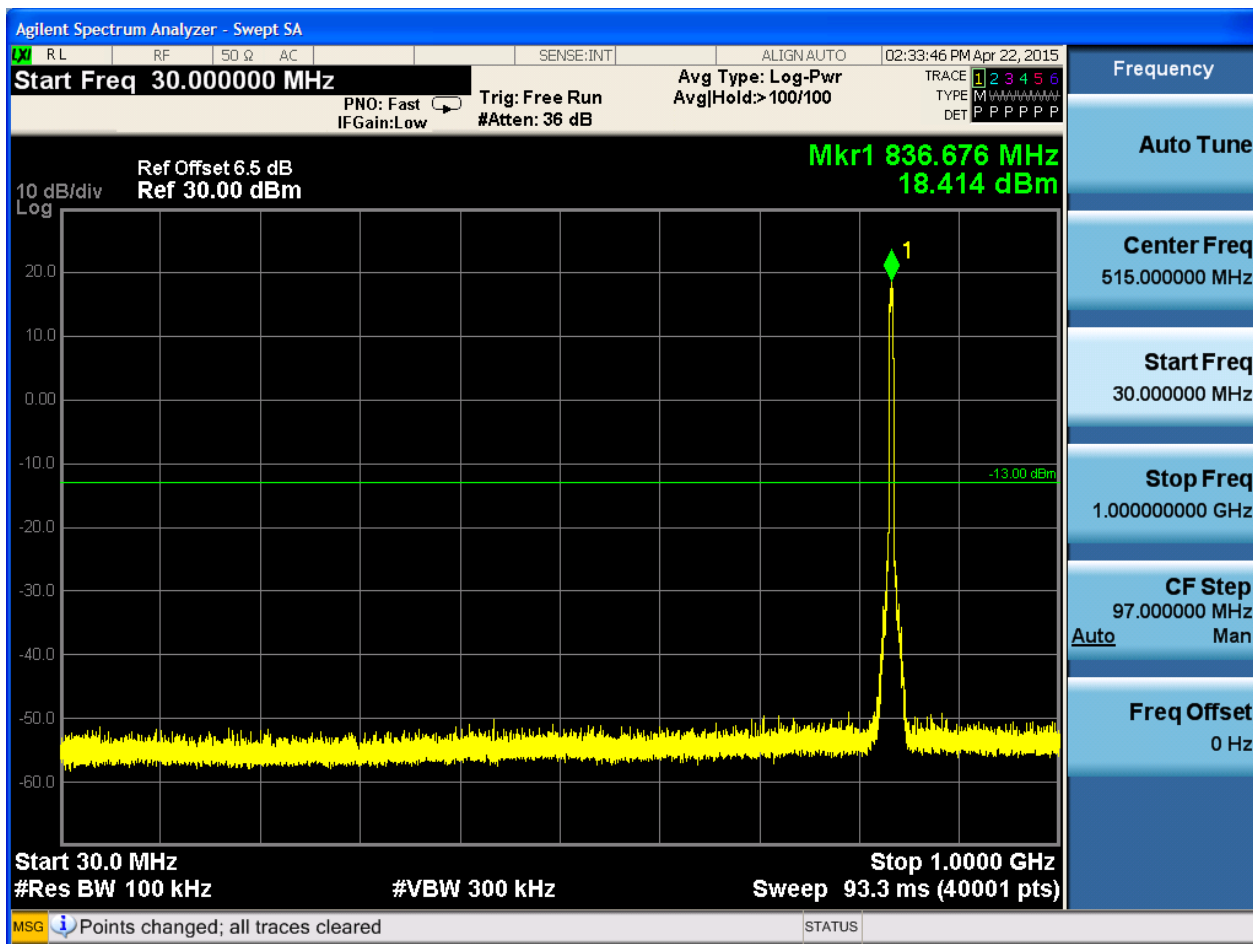


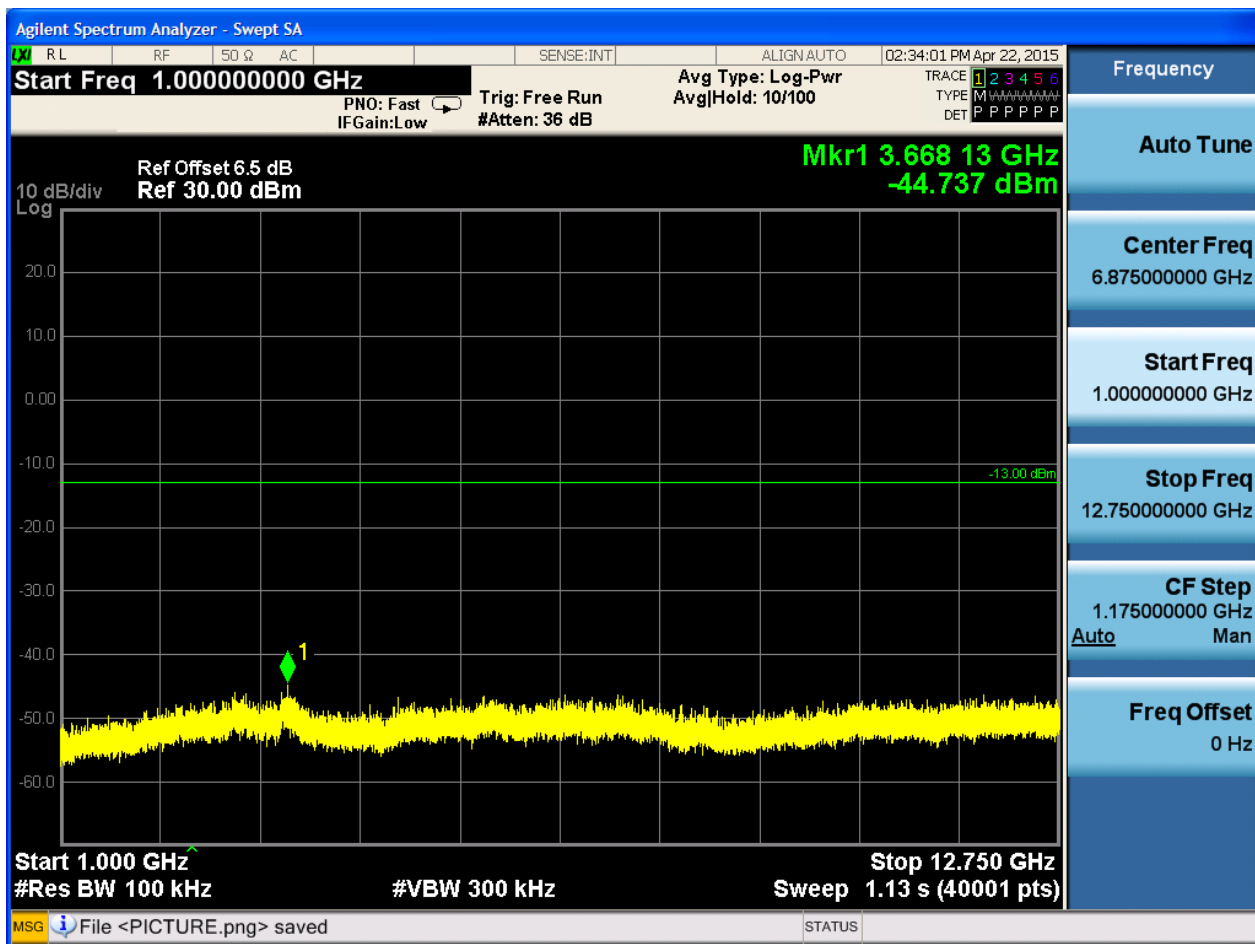


6.3.1.1.2 Test Channel = MCH



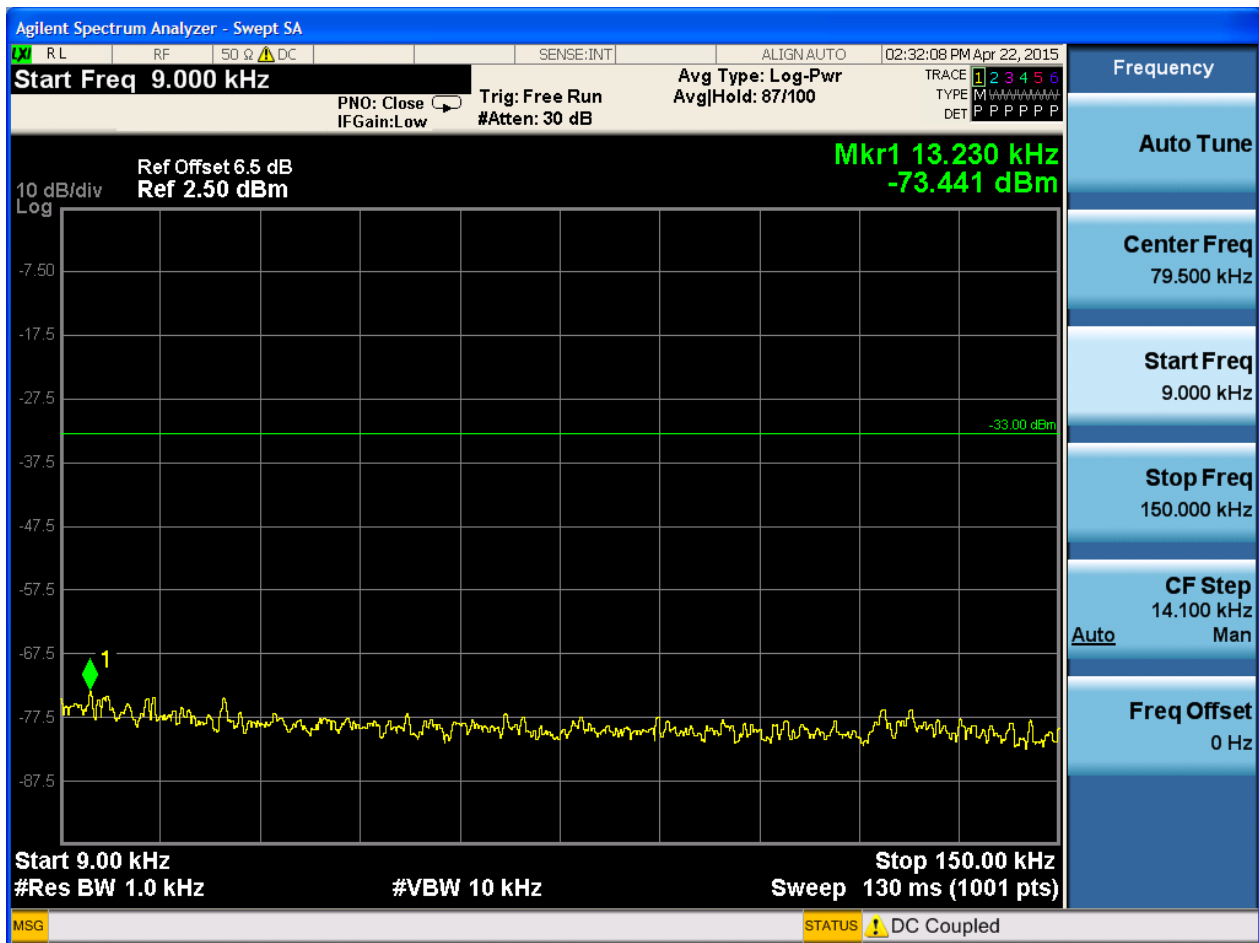


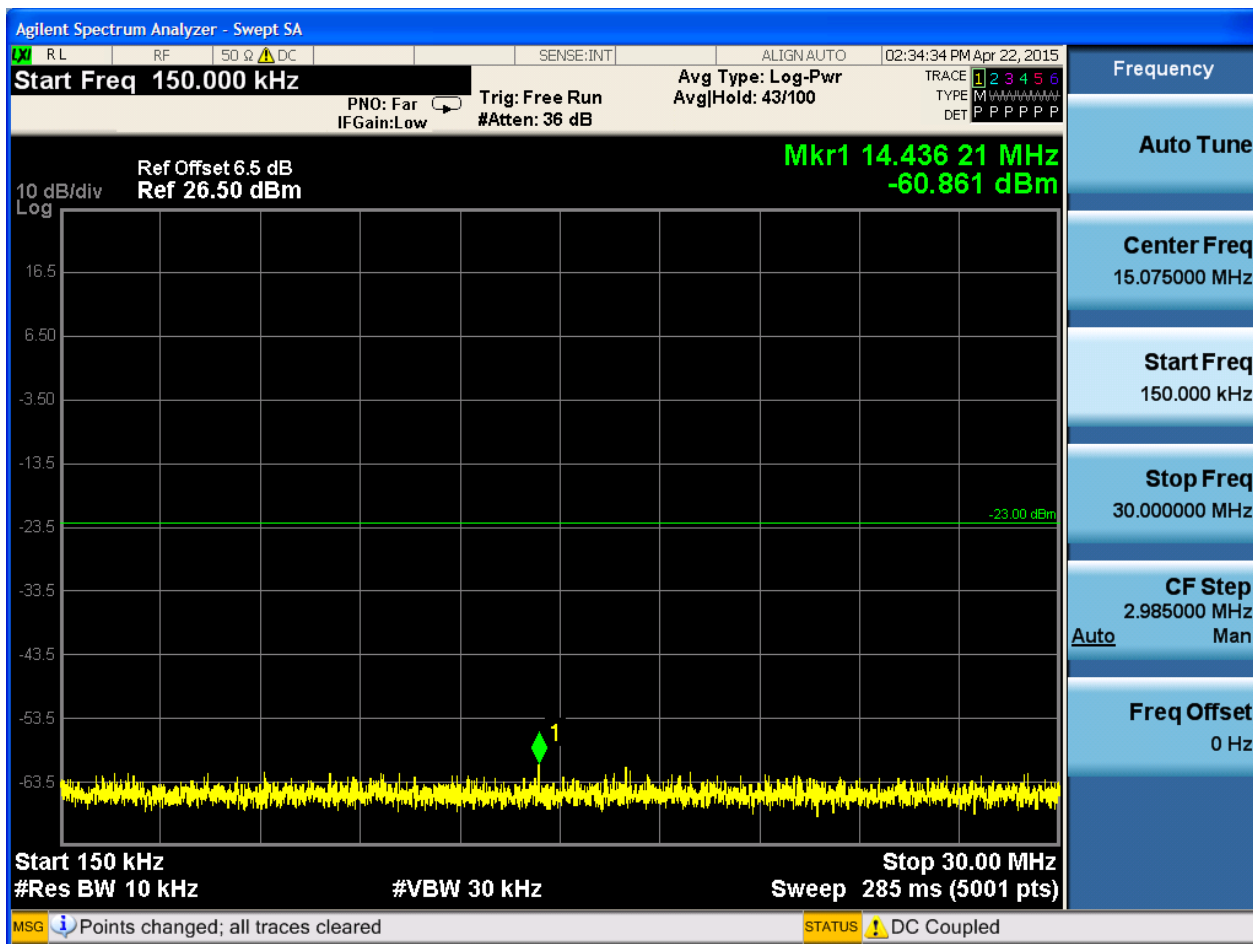


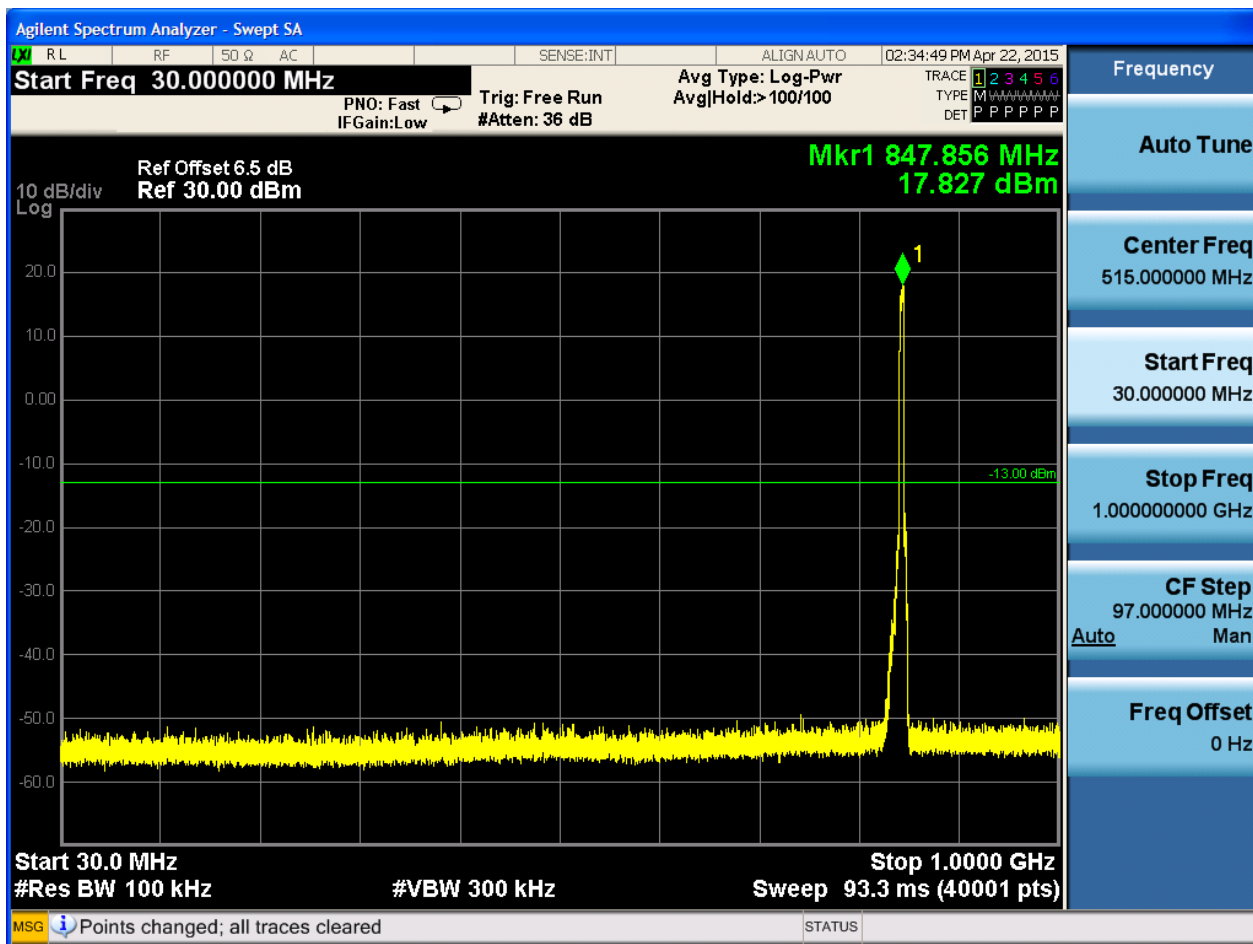


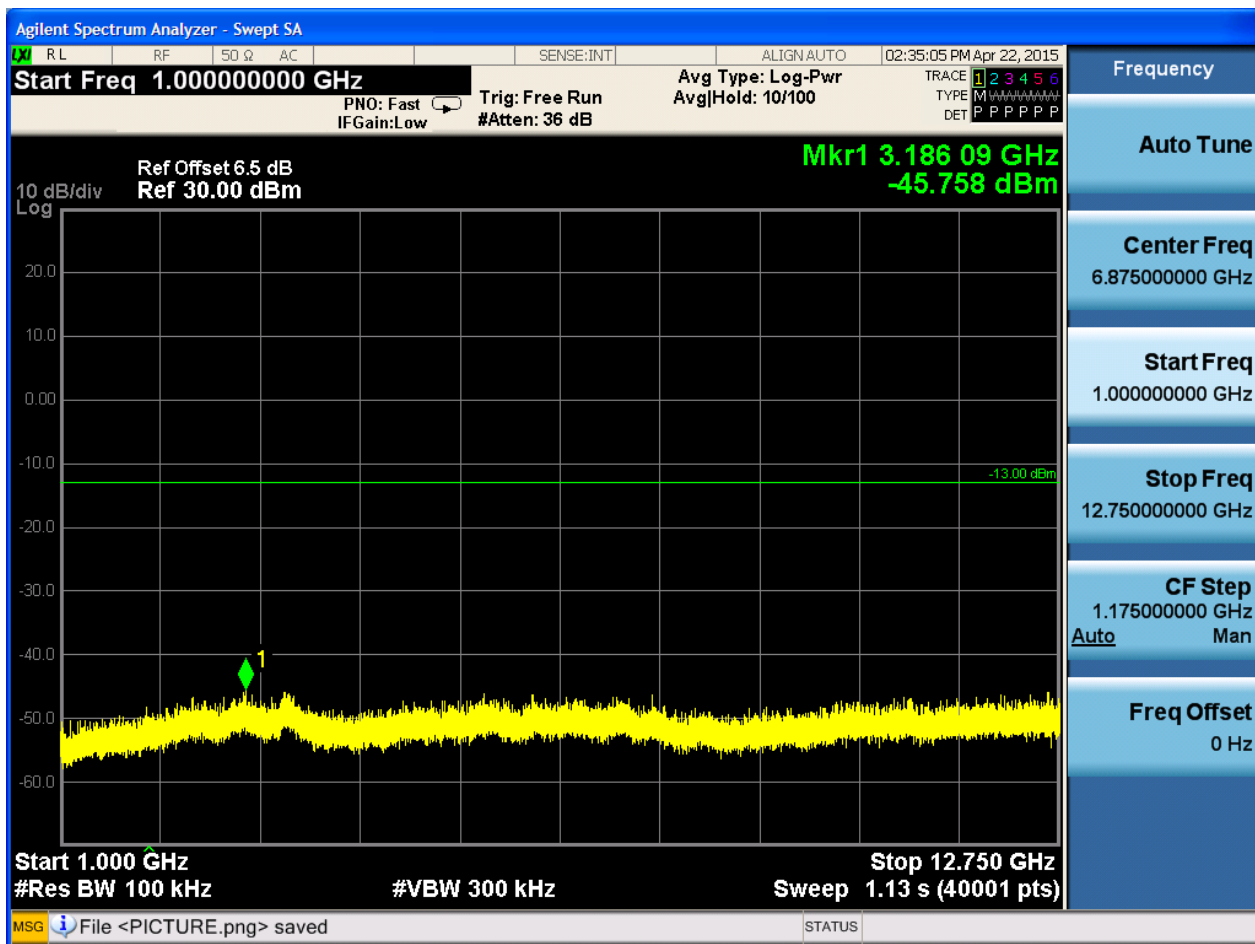


6.3.1.1.3 Test Channel = HCH







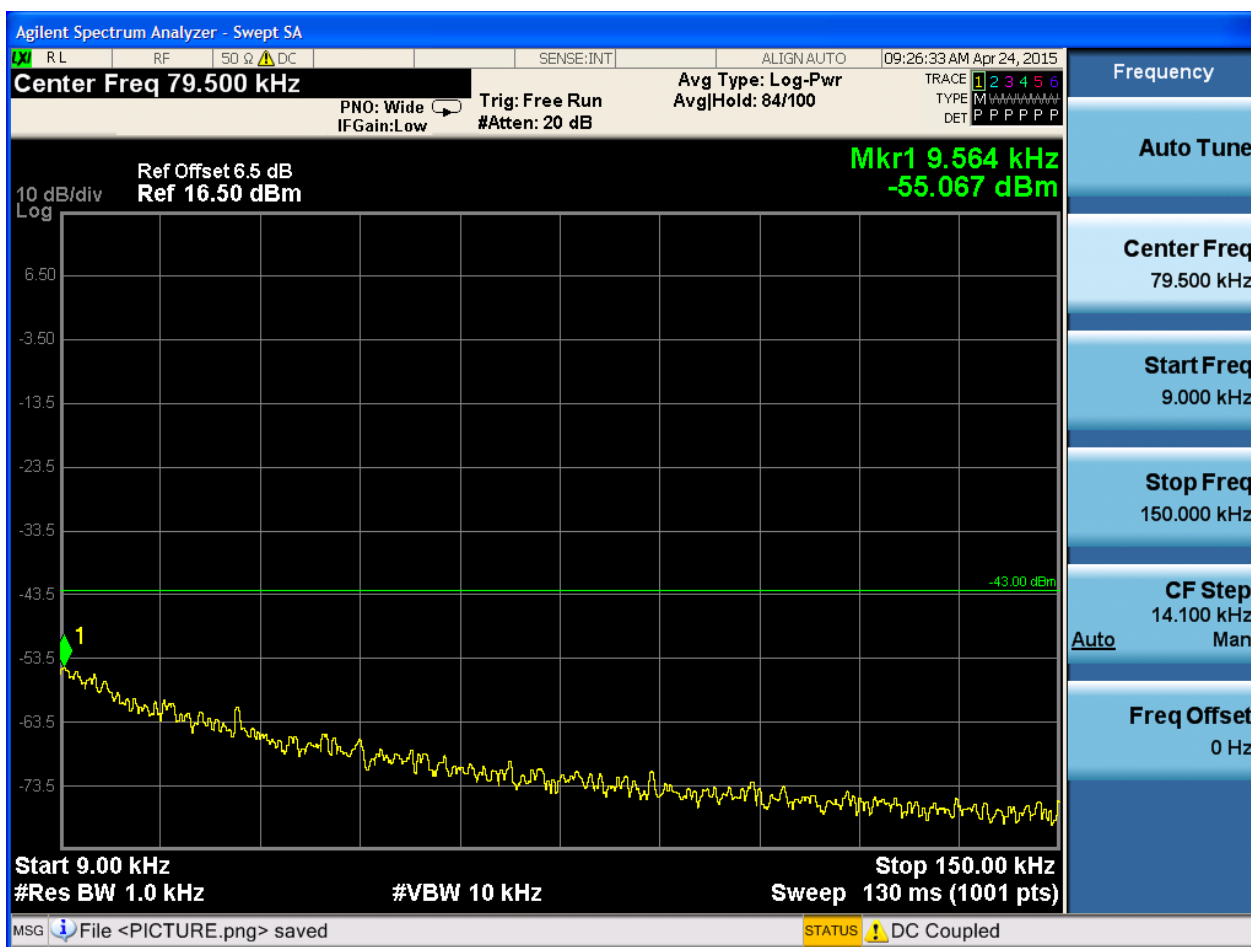


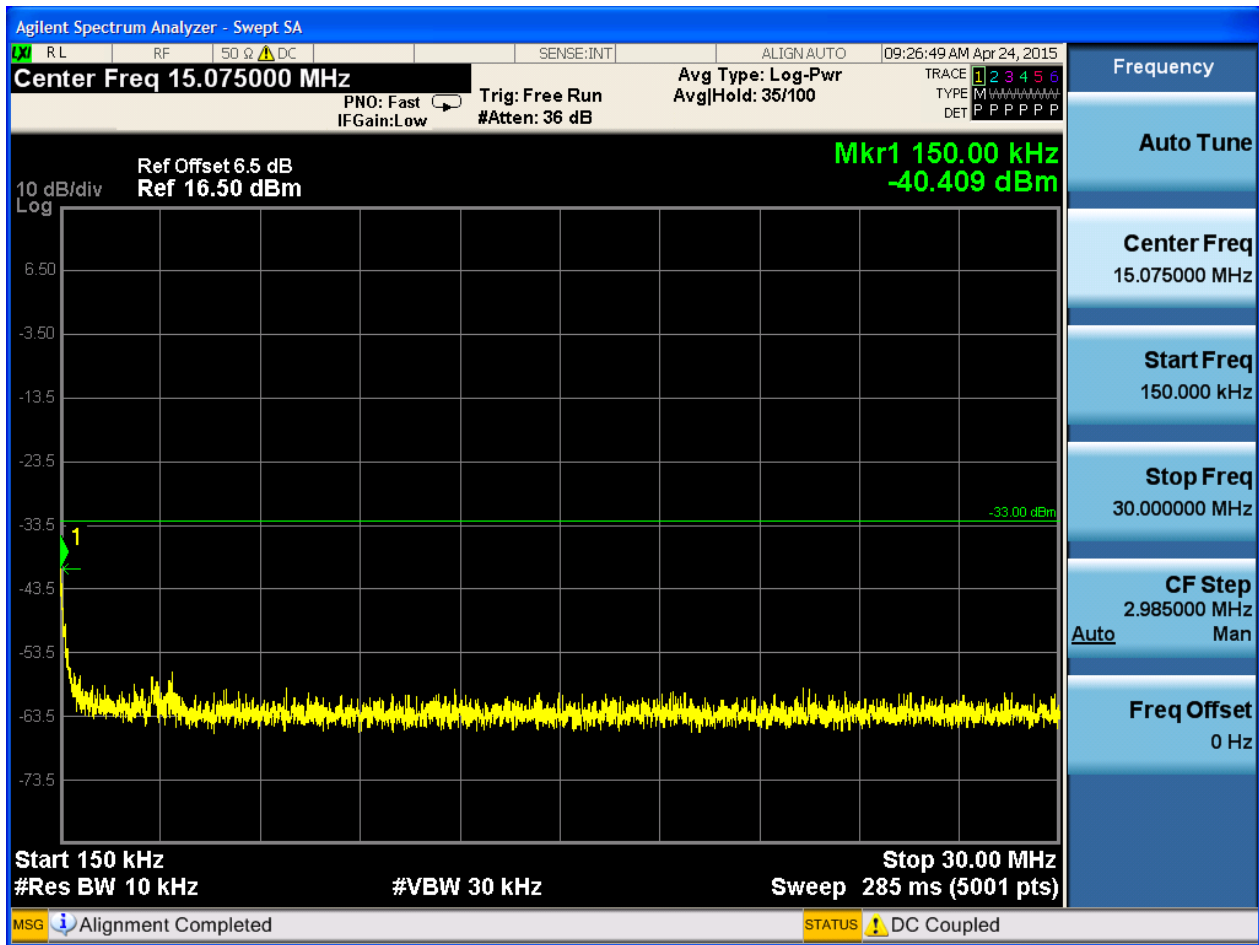


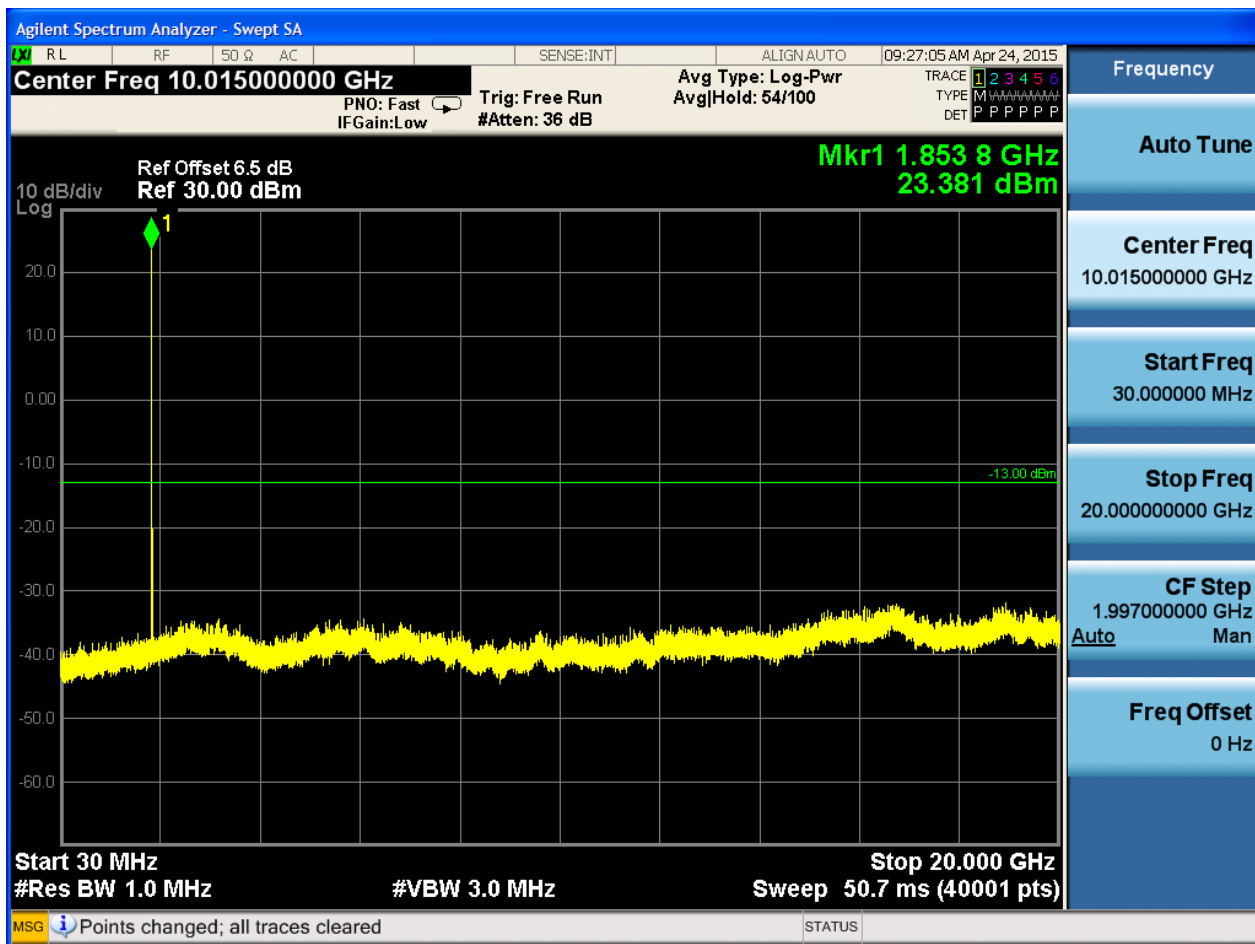
6.3.2 Test Band = WCDMA1900

6.3.2.1 Test Mode = UMTS/TM1

6.3.2.1.1 Test Channel = LCH

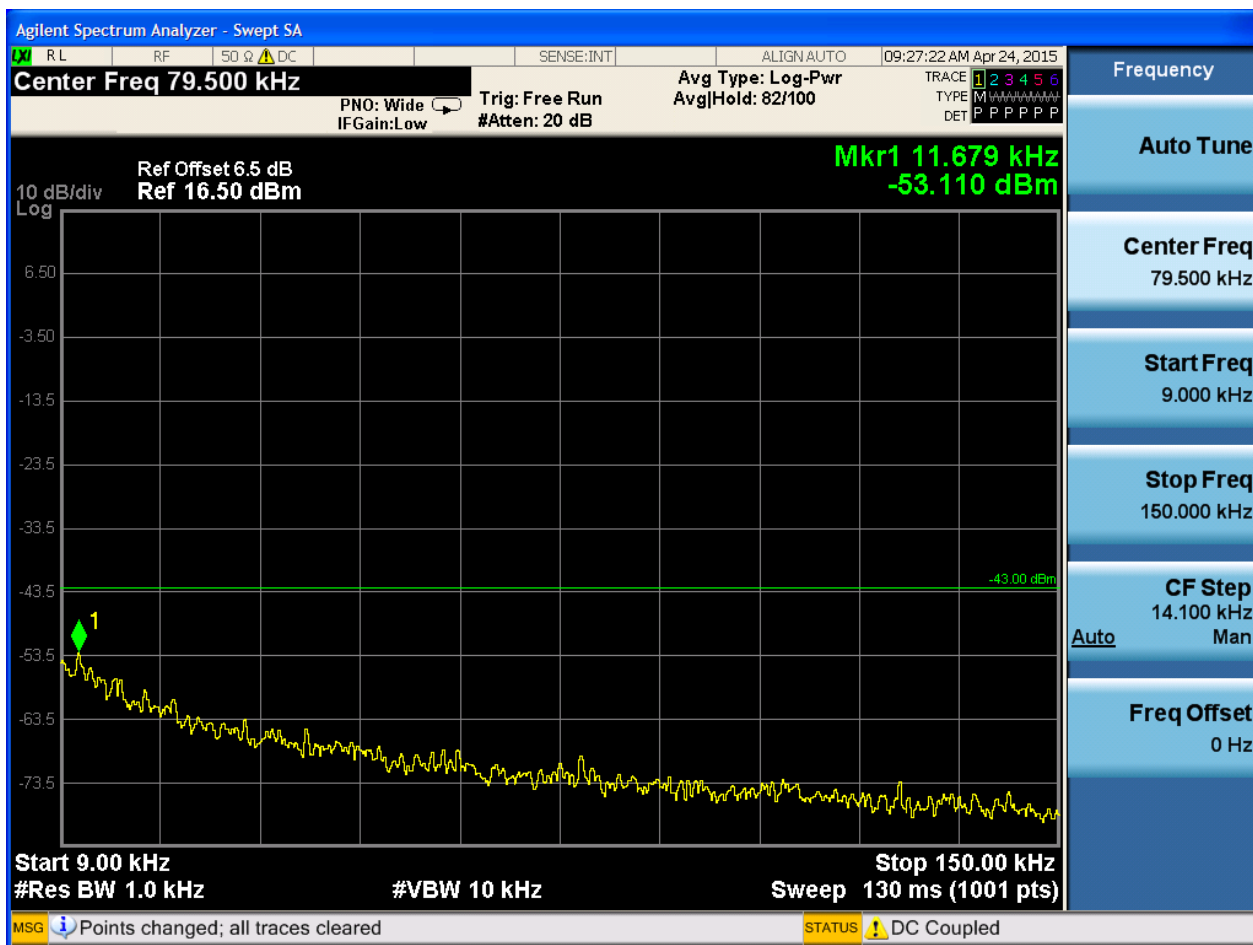


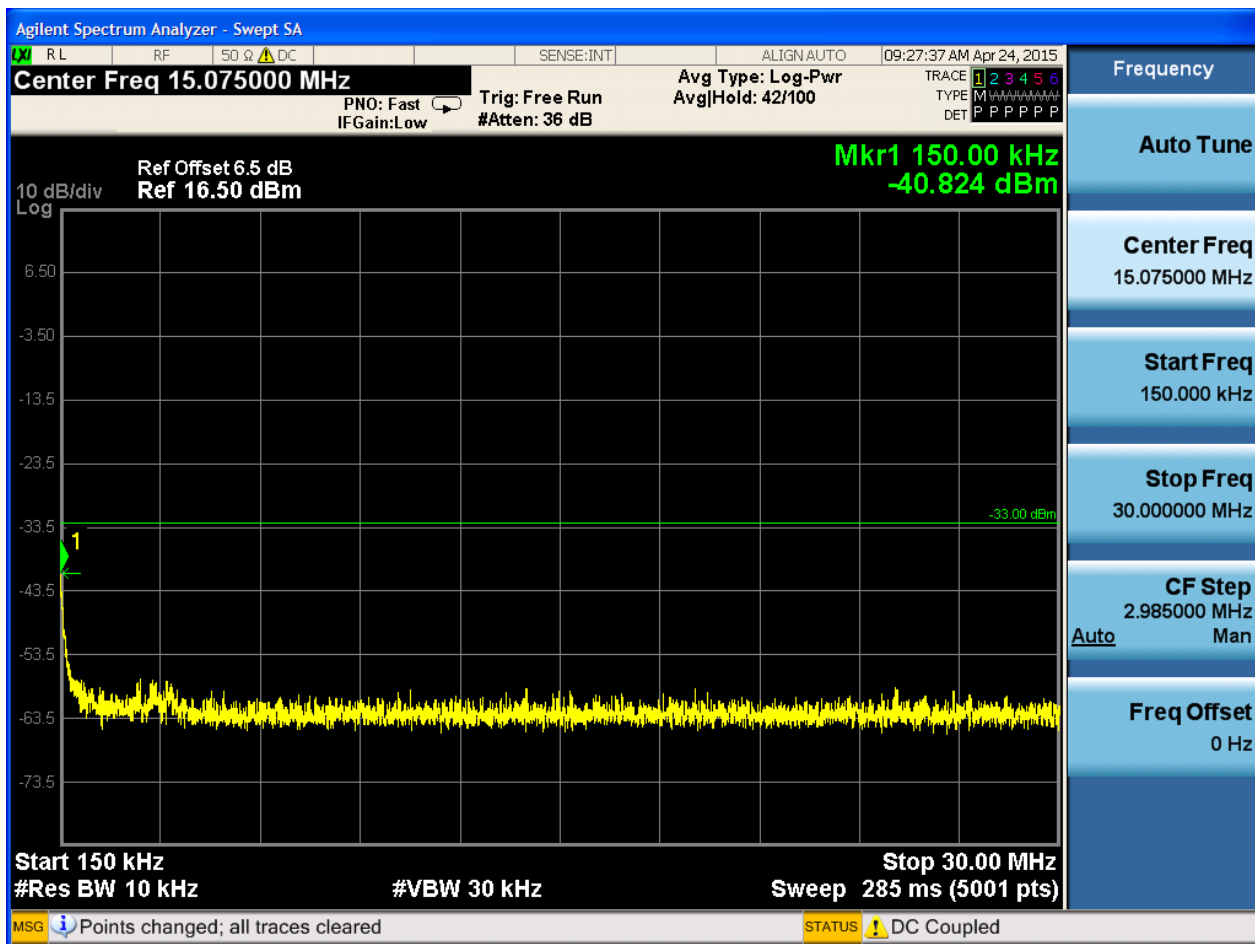


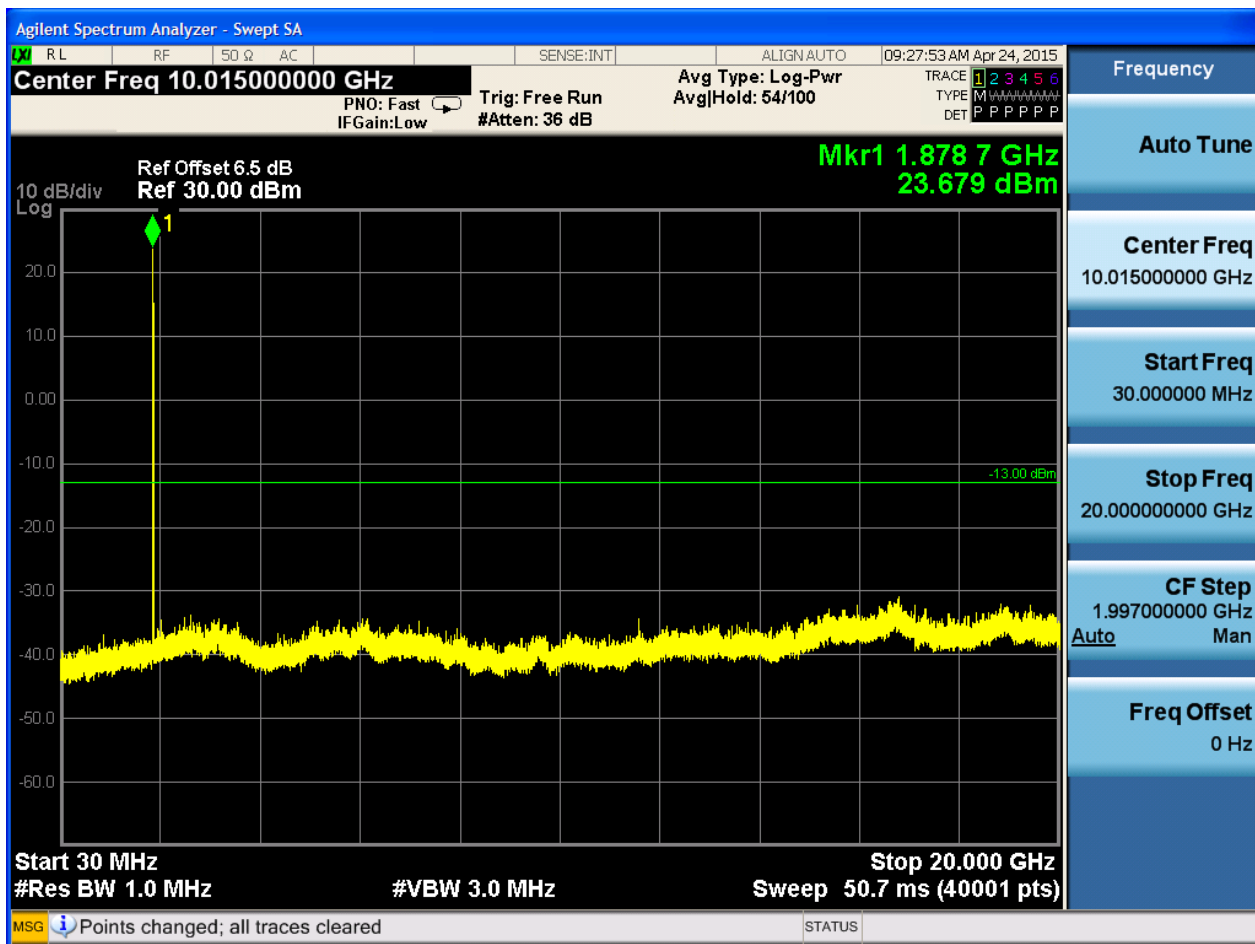




6.3.2.1.2 Test Channel = MCH

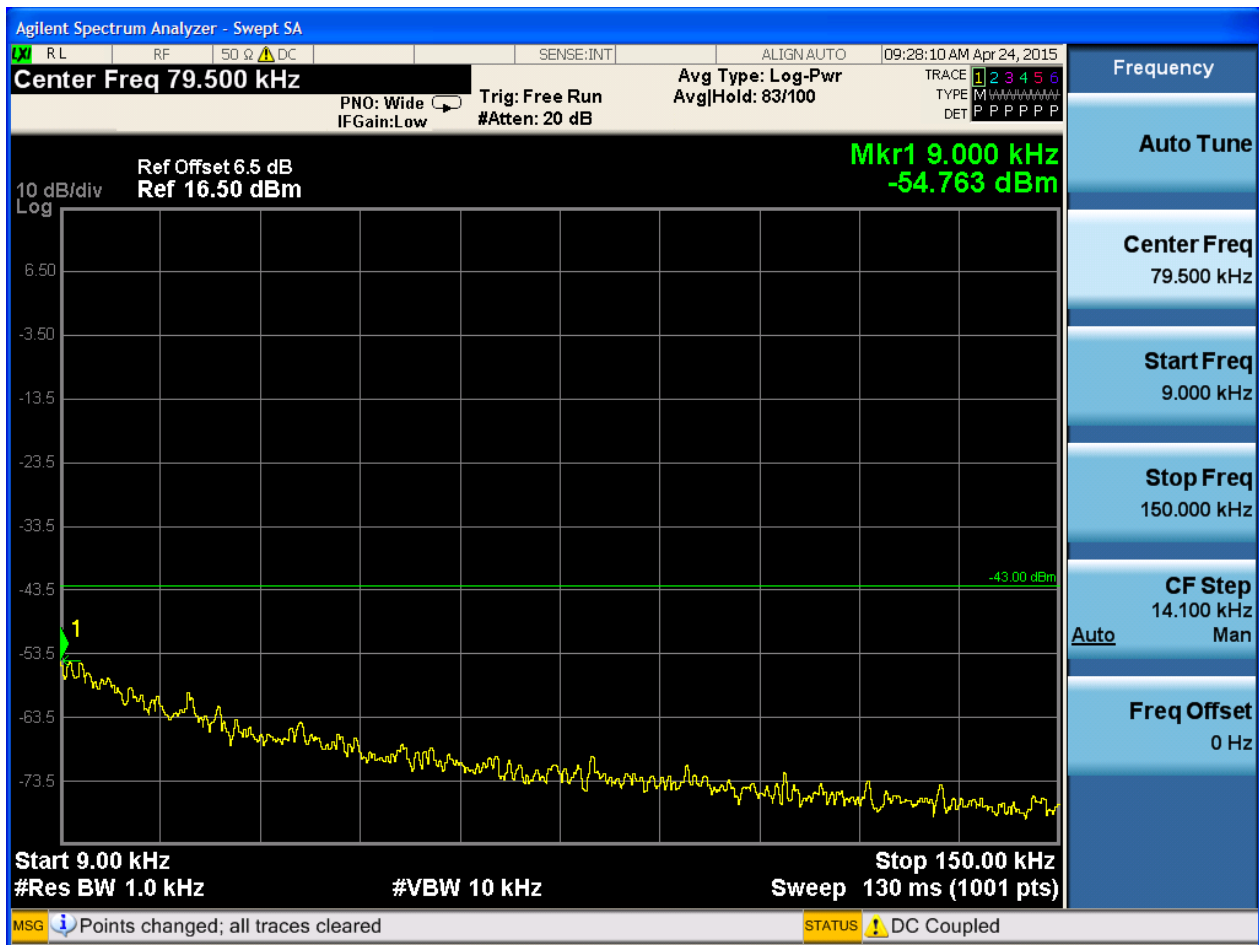


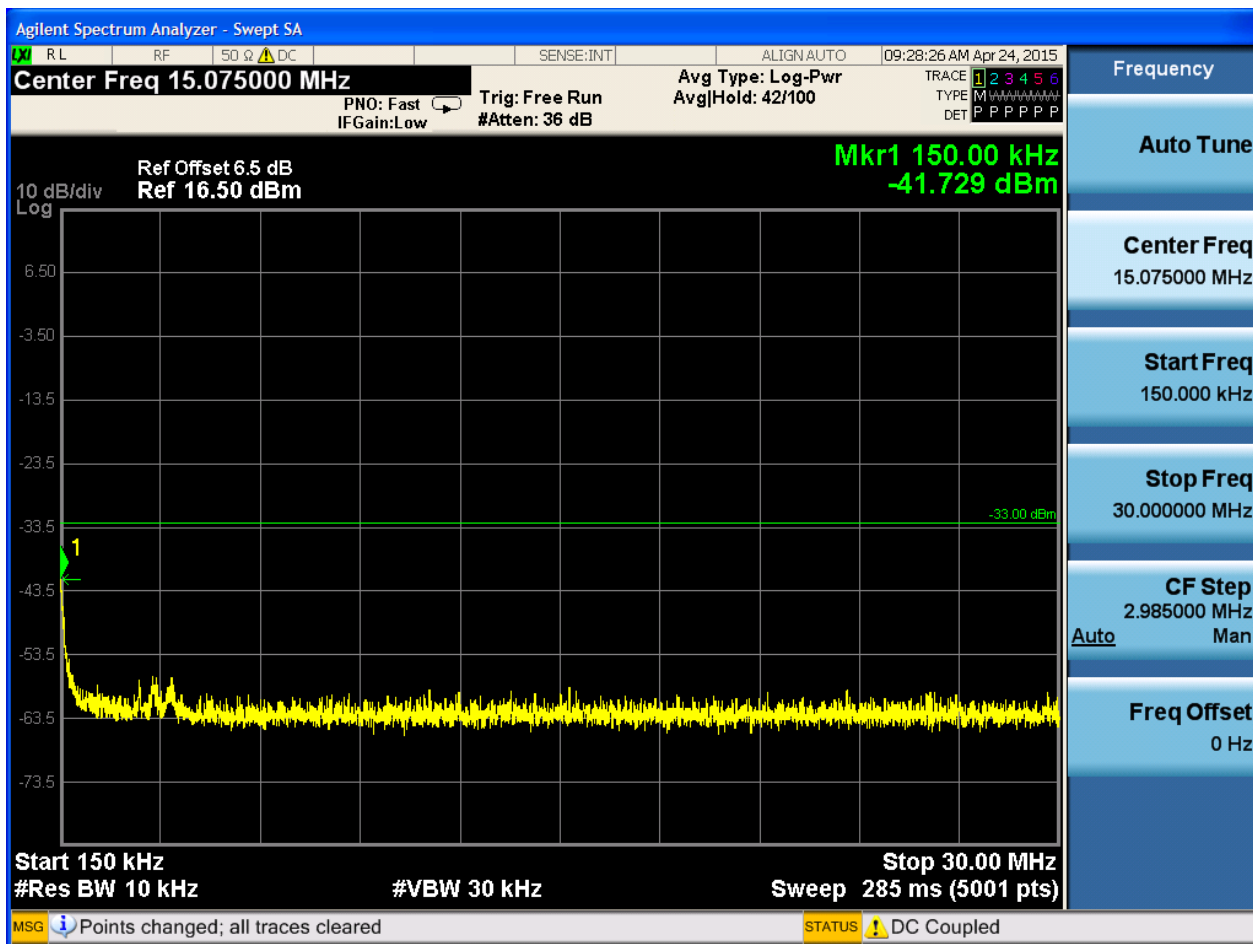


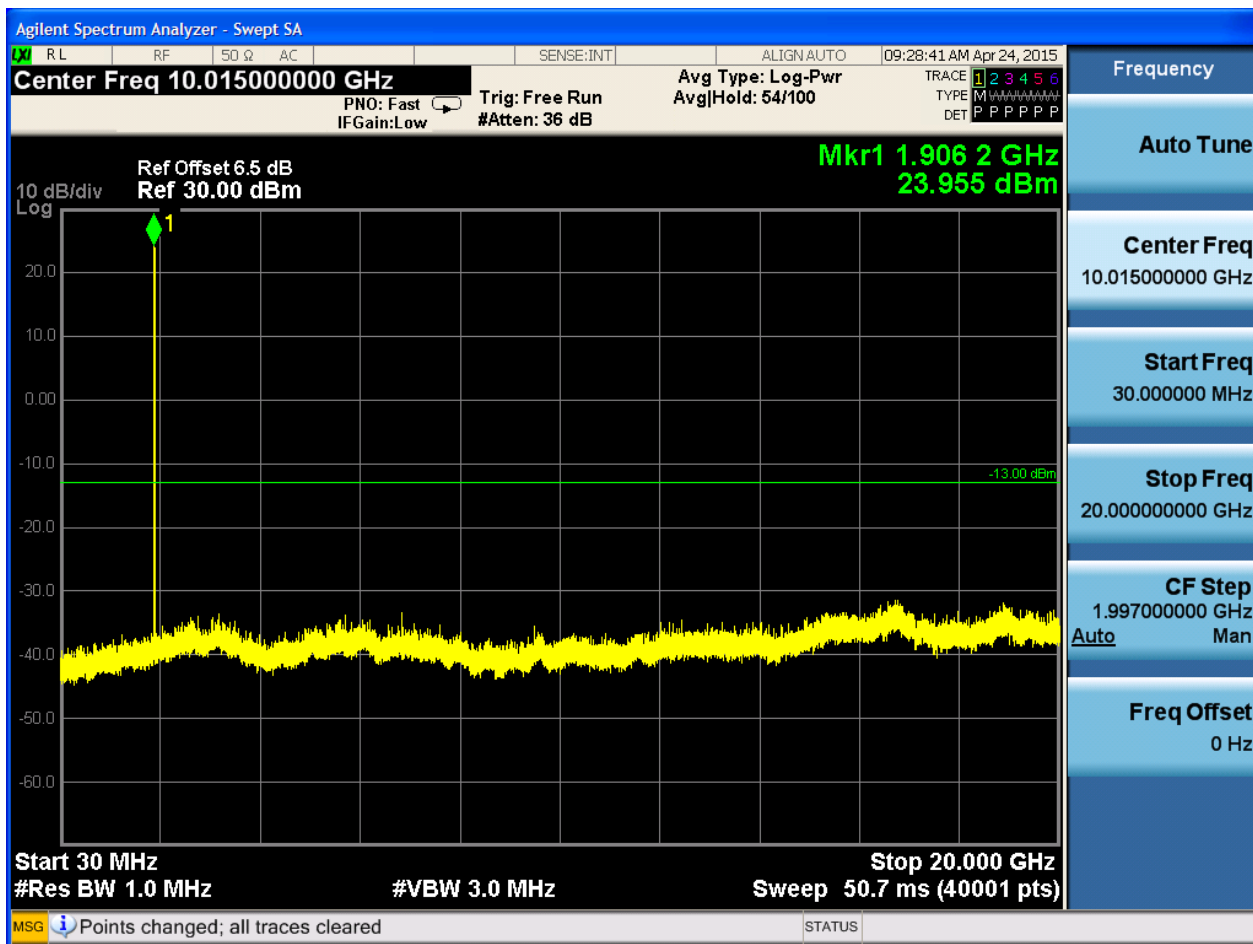




6.3.2.1.3 Test Channel = HCH







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

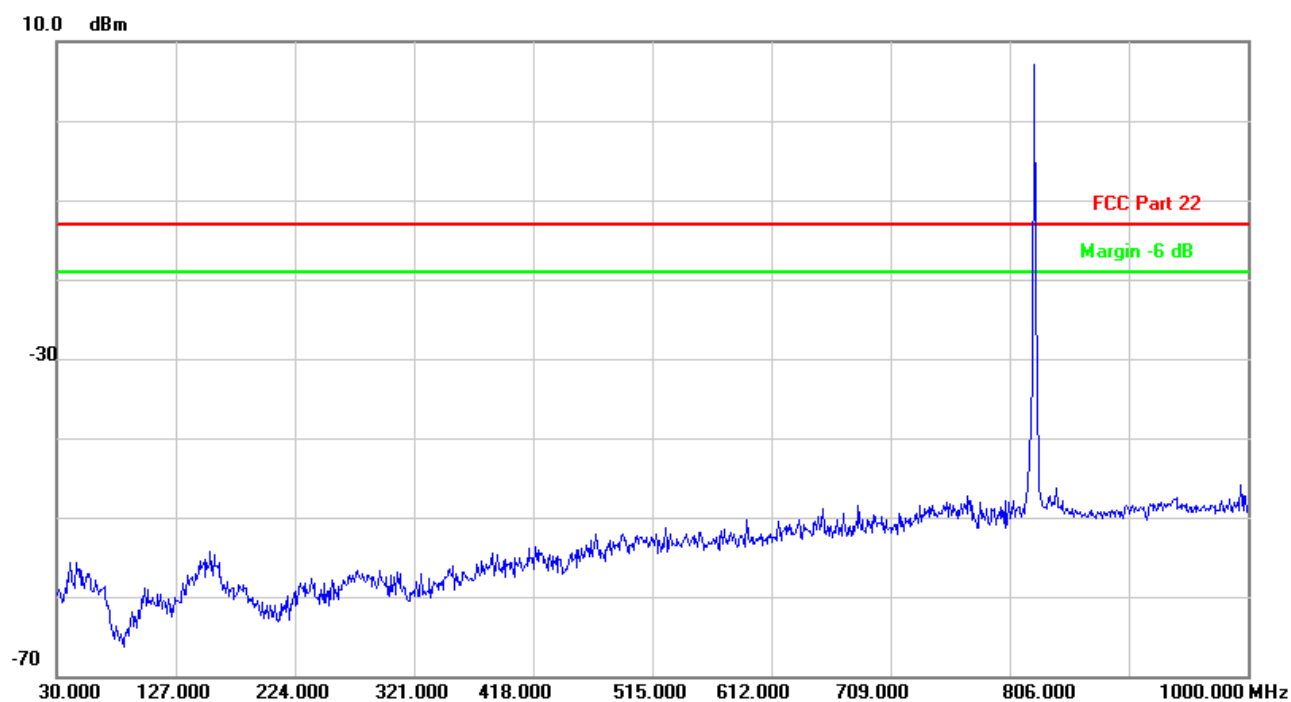
30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

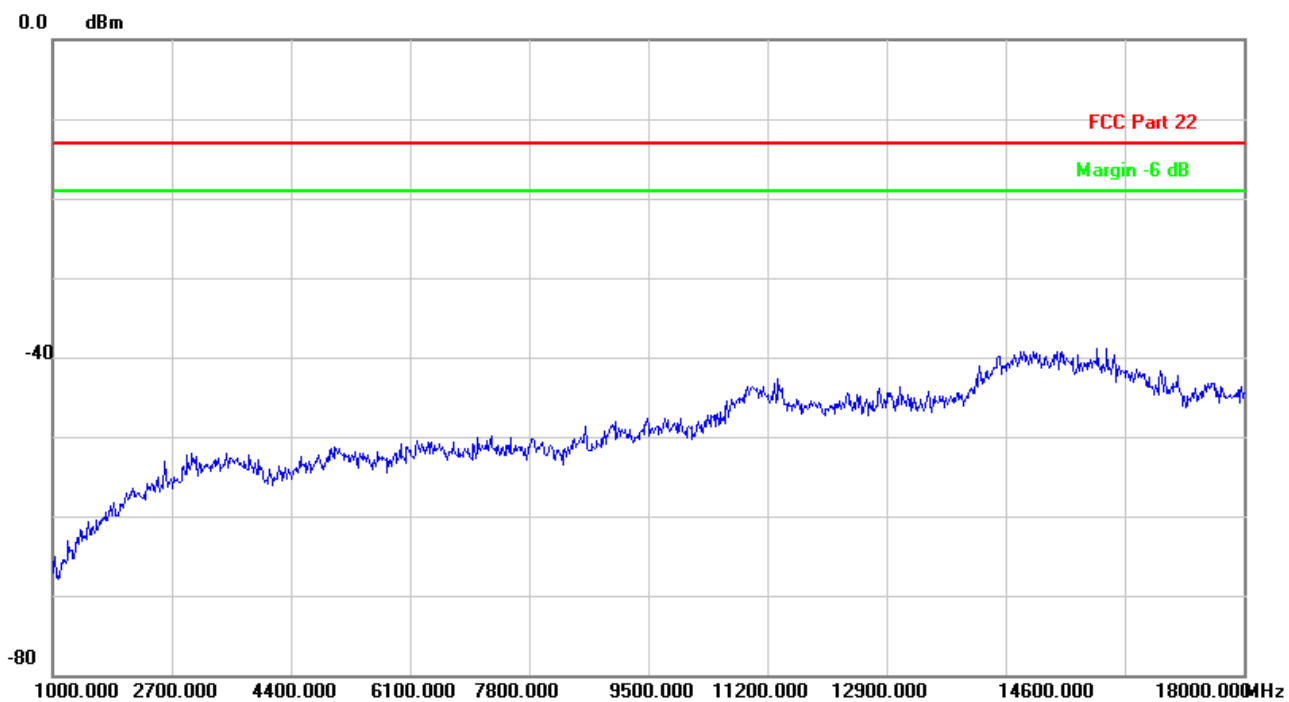
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

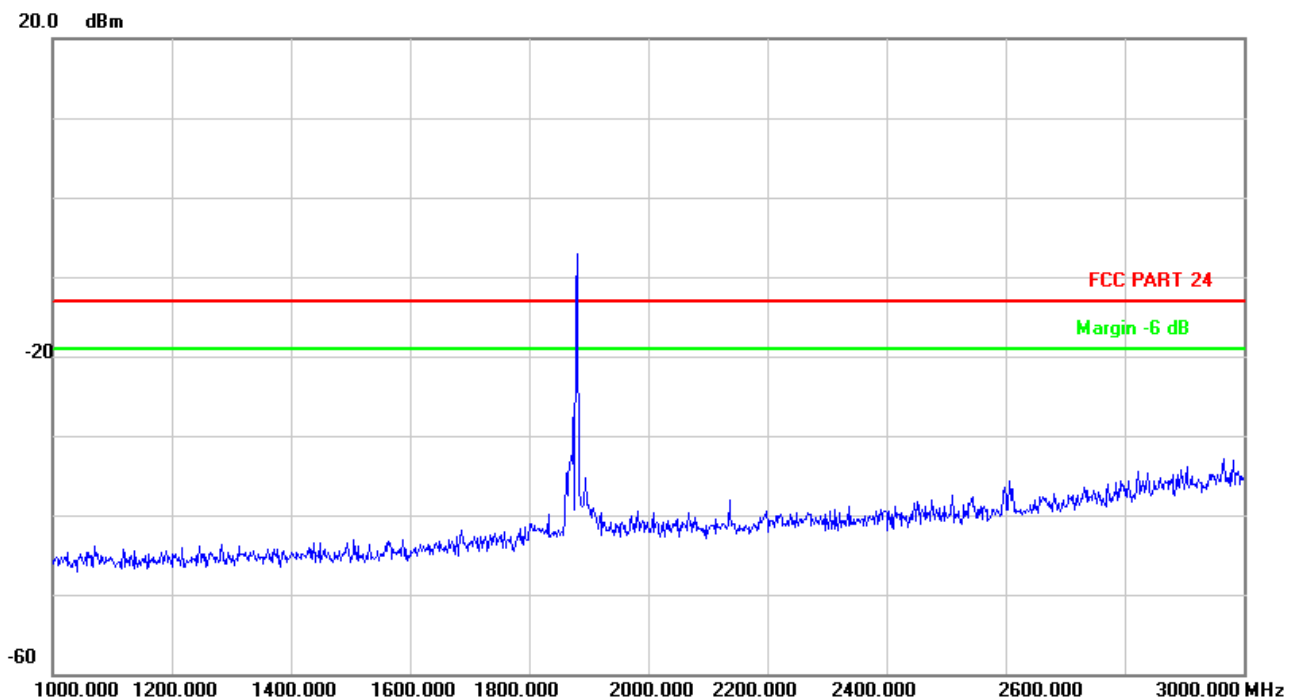
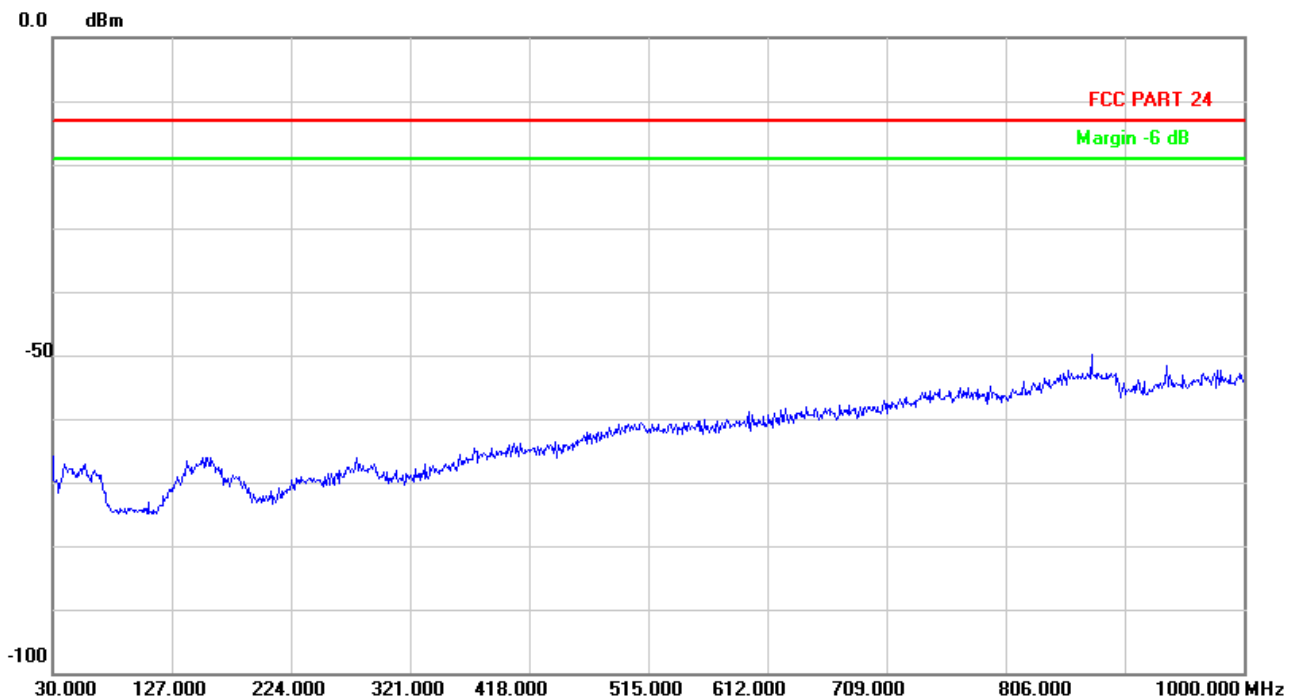
7.1 For CDMA/1X

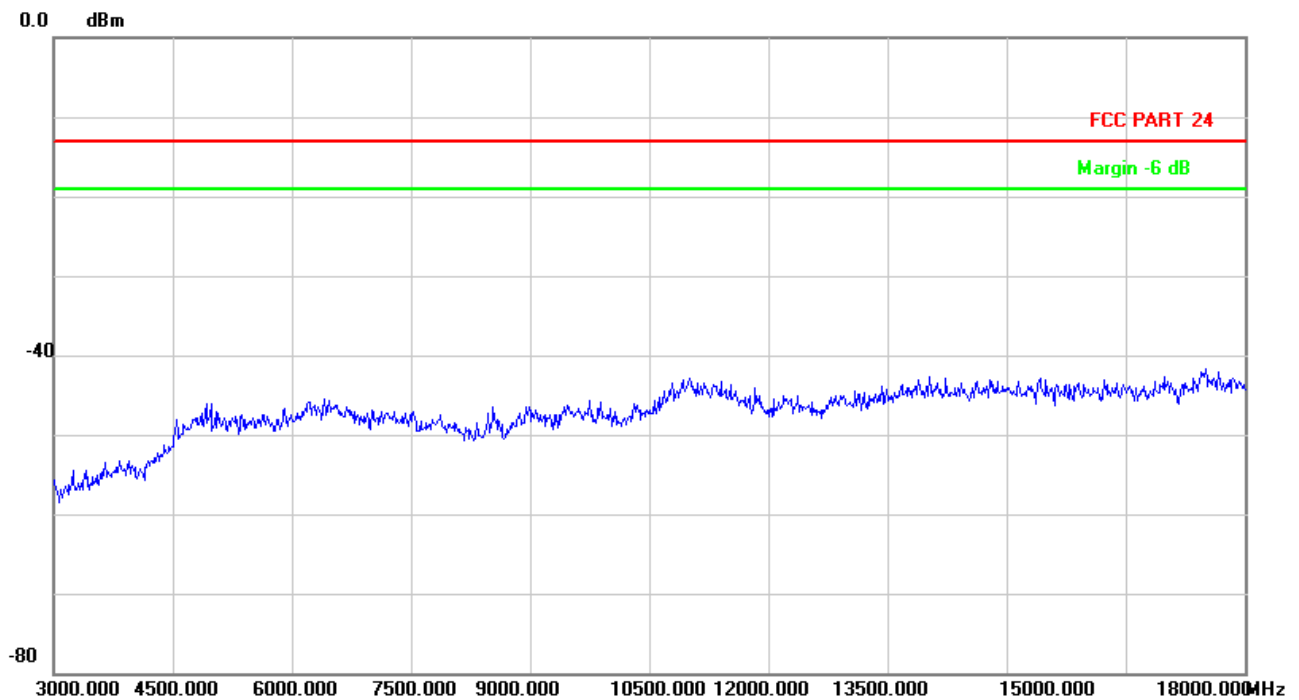
7.1.1 Test Band = BC0





7.1.2 Test Band = BC1

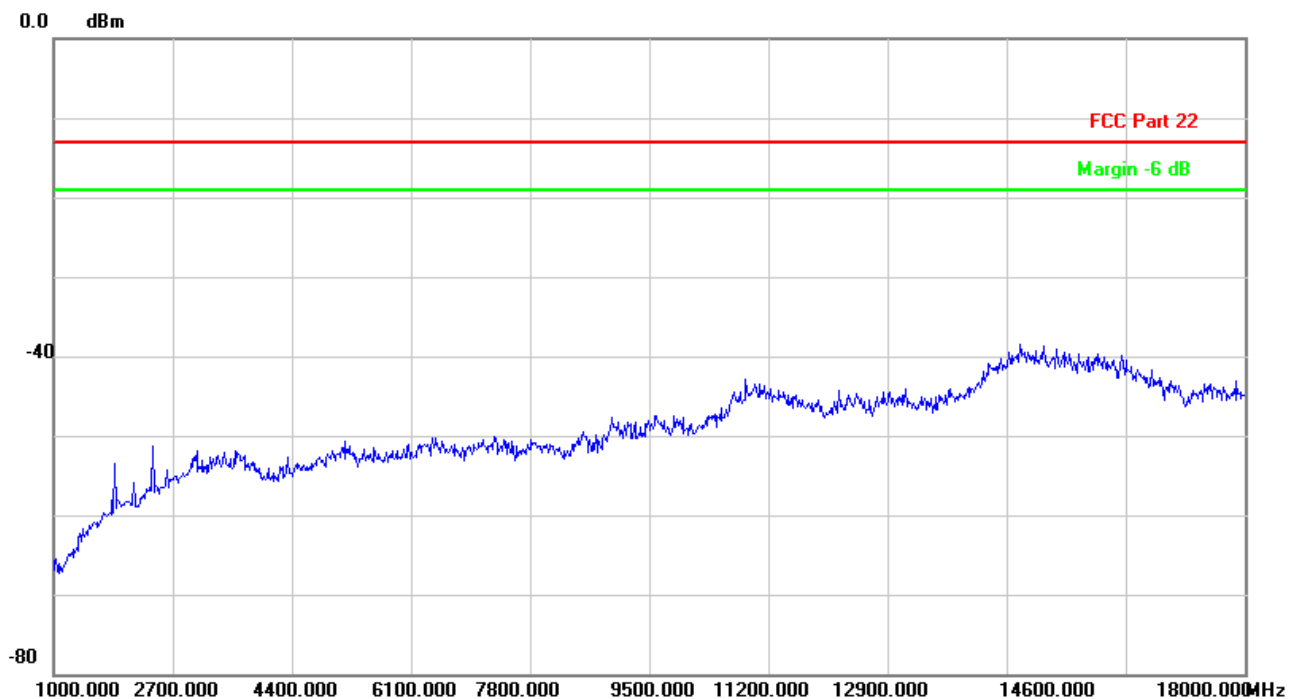
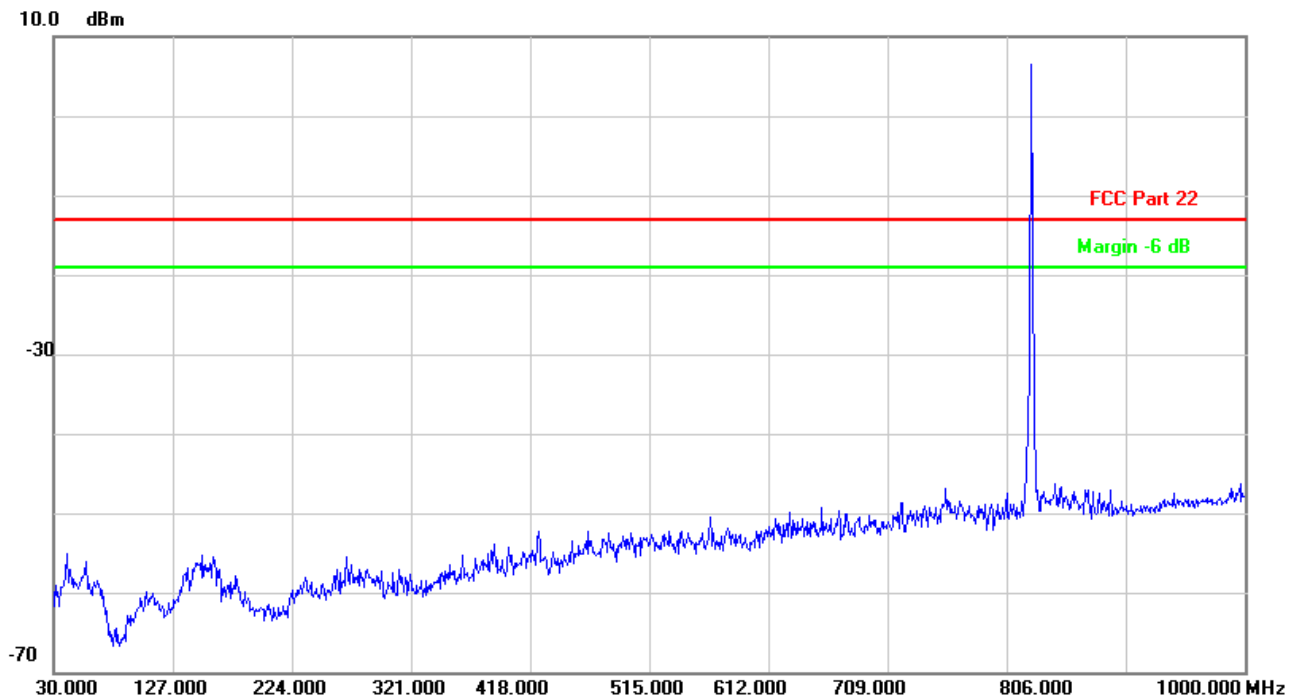




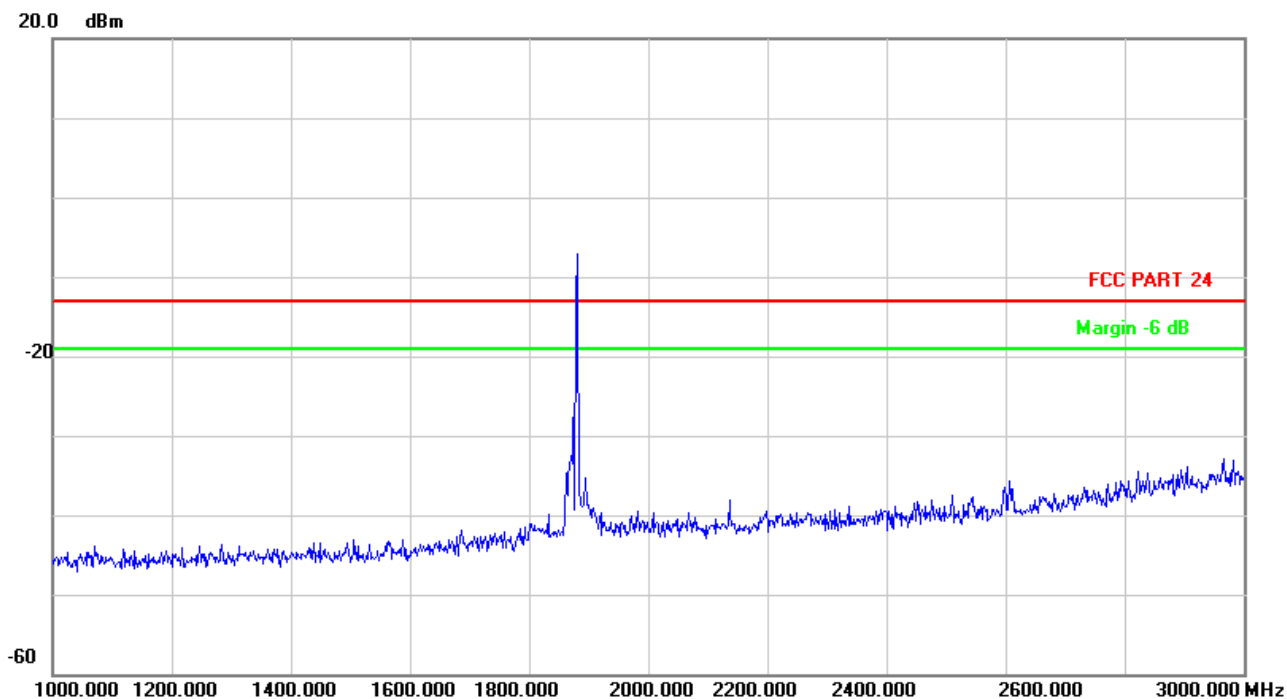
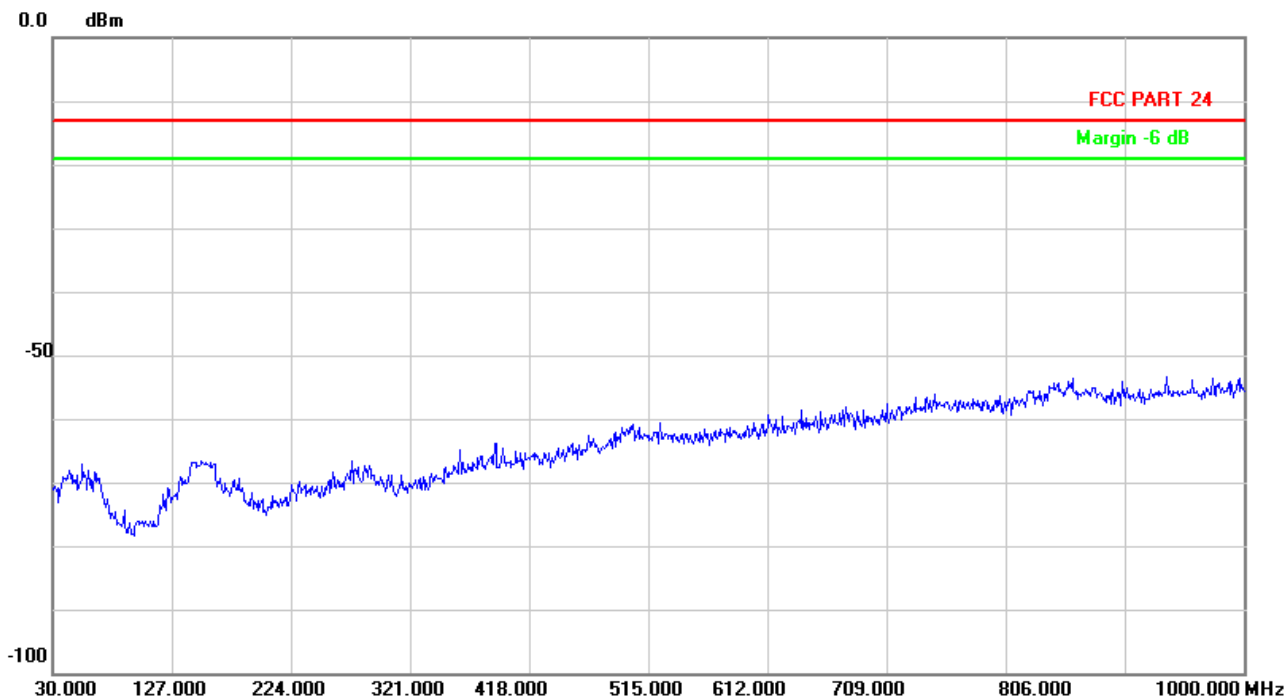
NOTE: No peak found in the Test Range of "18 GHz to 26.5 GHz"

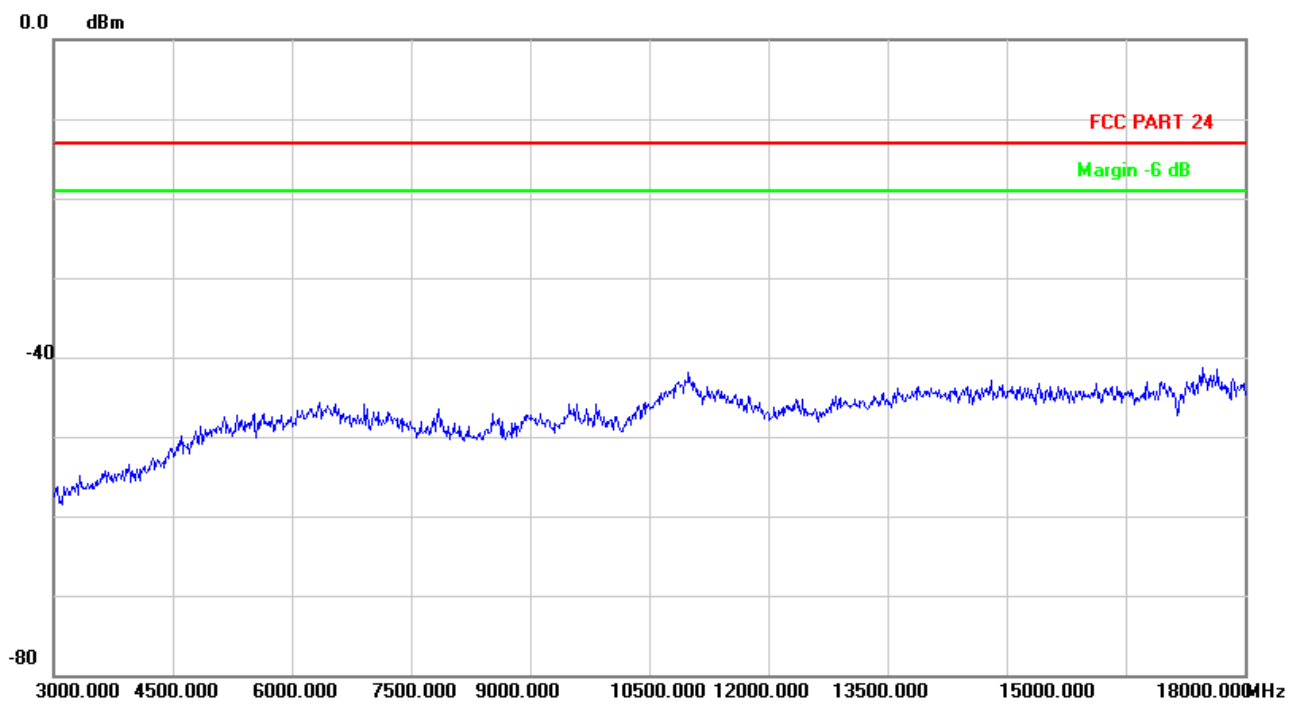
7.2 For CDMA/EV-DO/Subtype0

7.2.1 Test Band = BC0

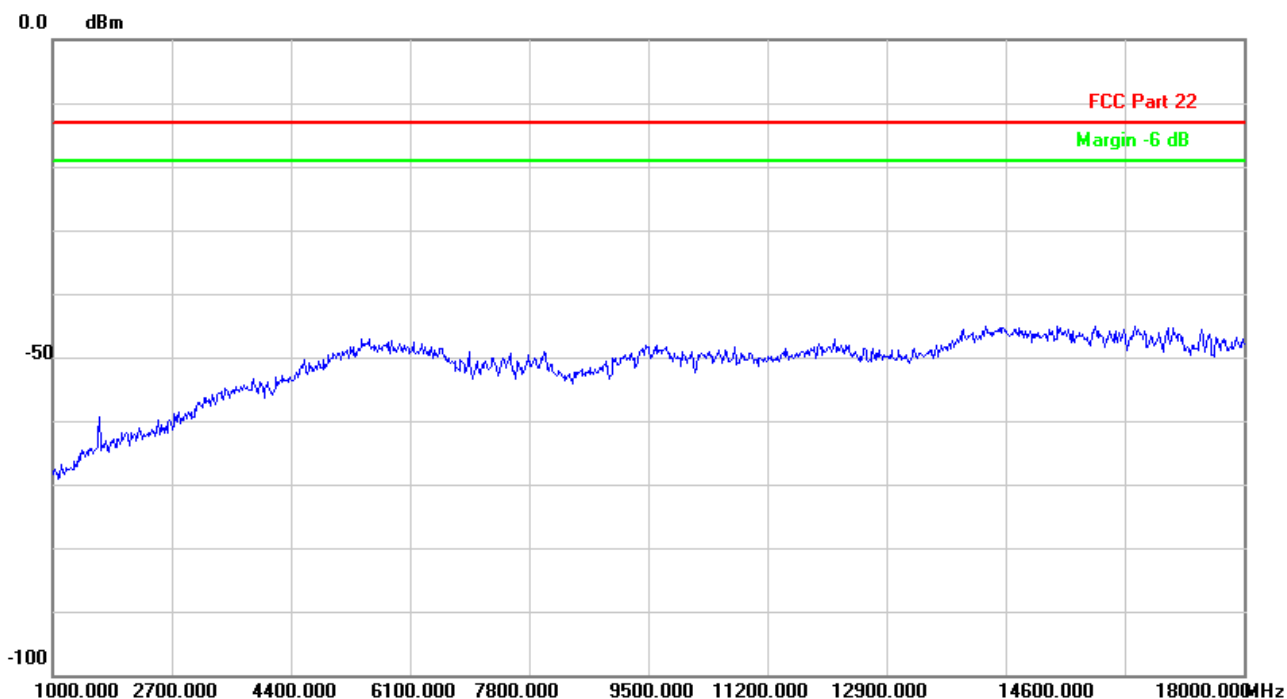
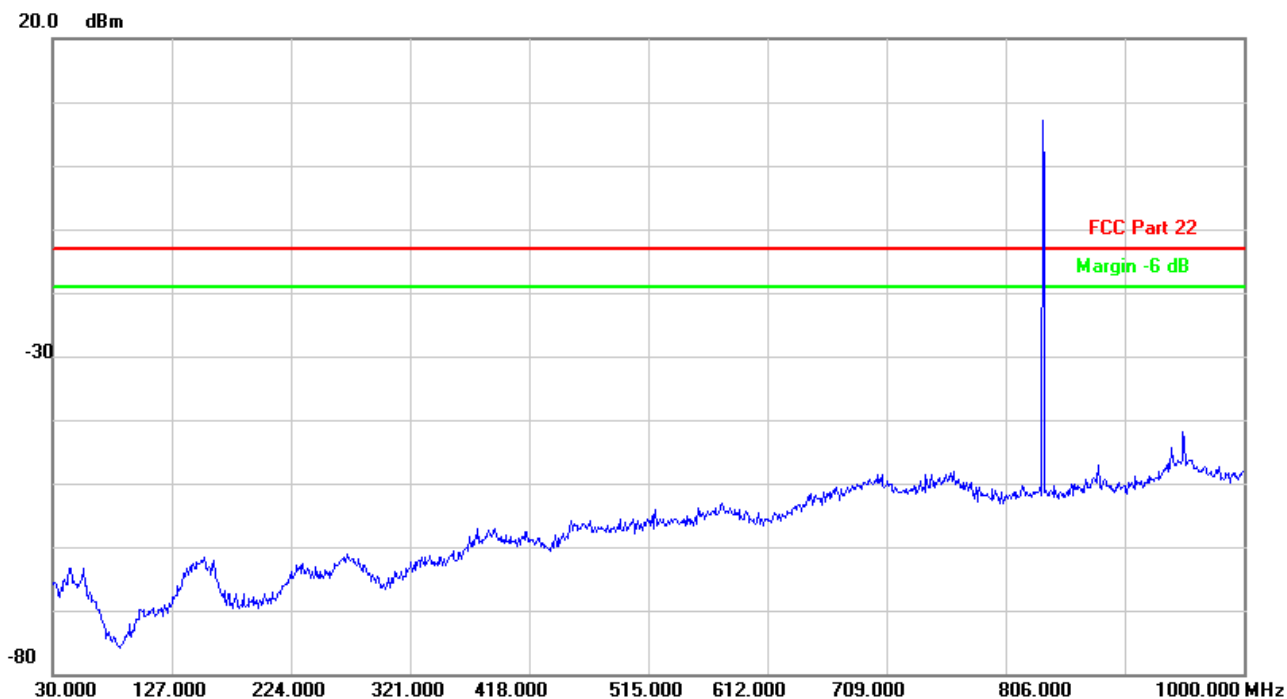


7.2.2 Test Band = BC1



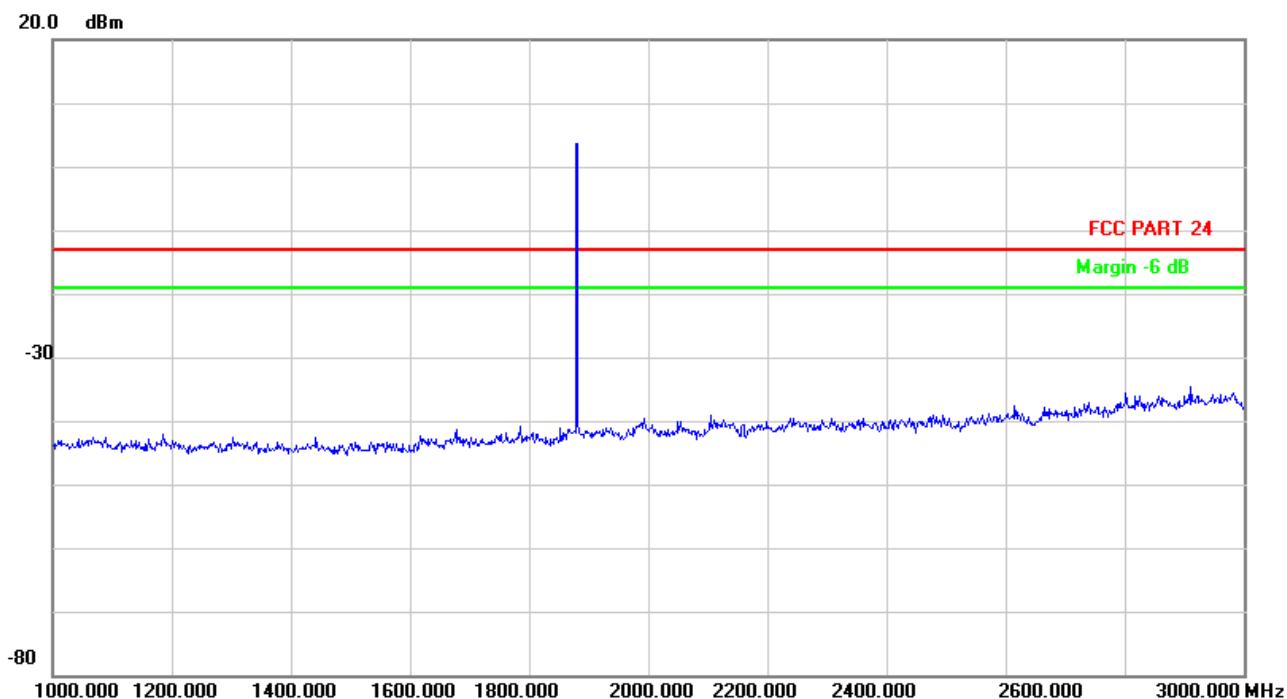
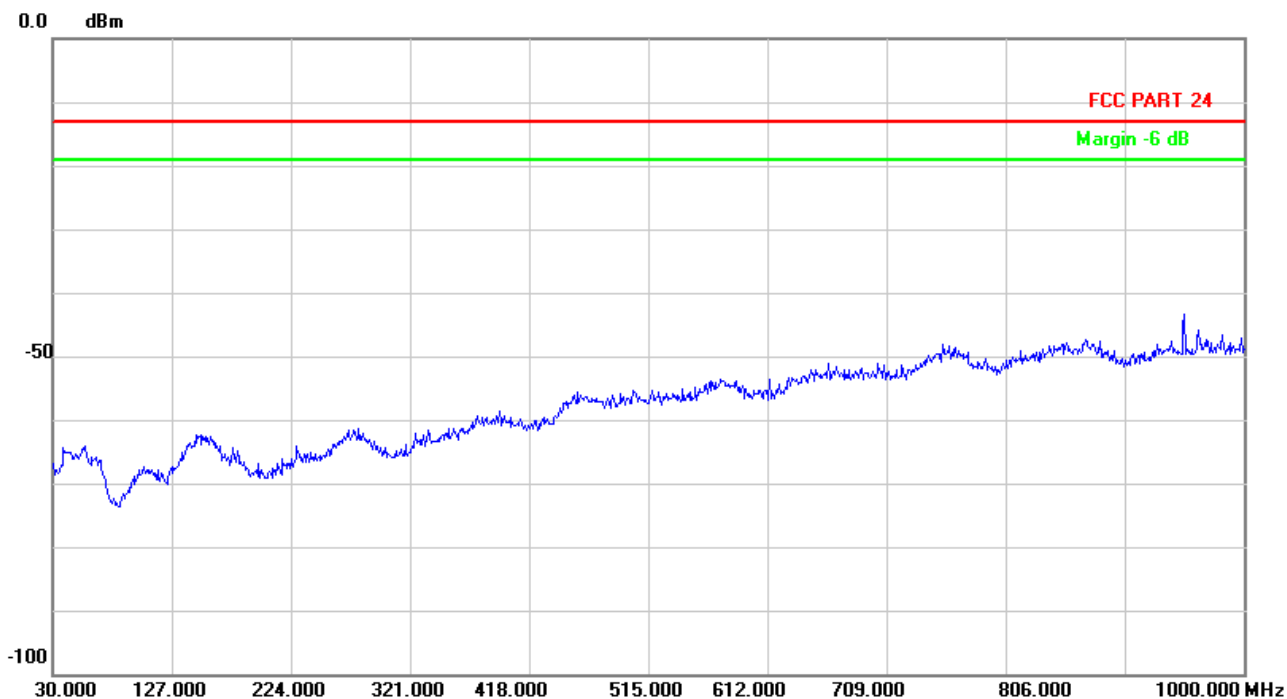


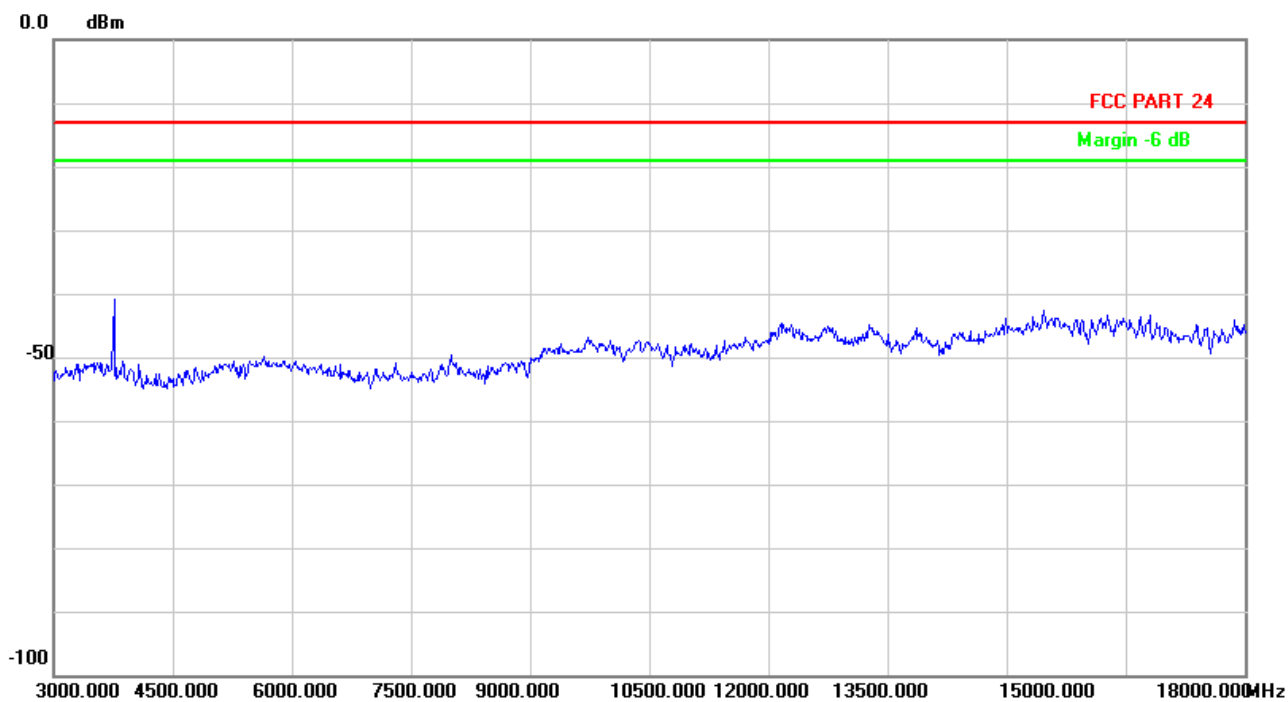
7.2.4 Test Band = GSM850





7.2.4 Test Band = GSM1900

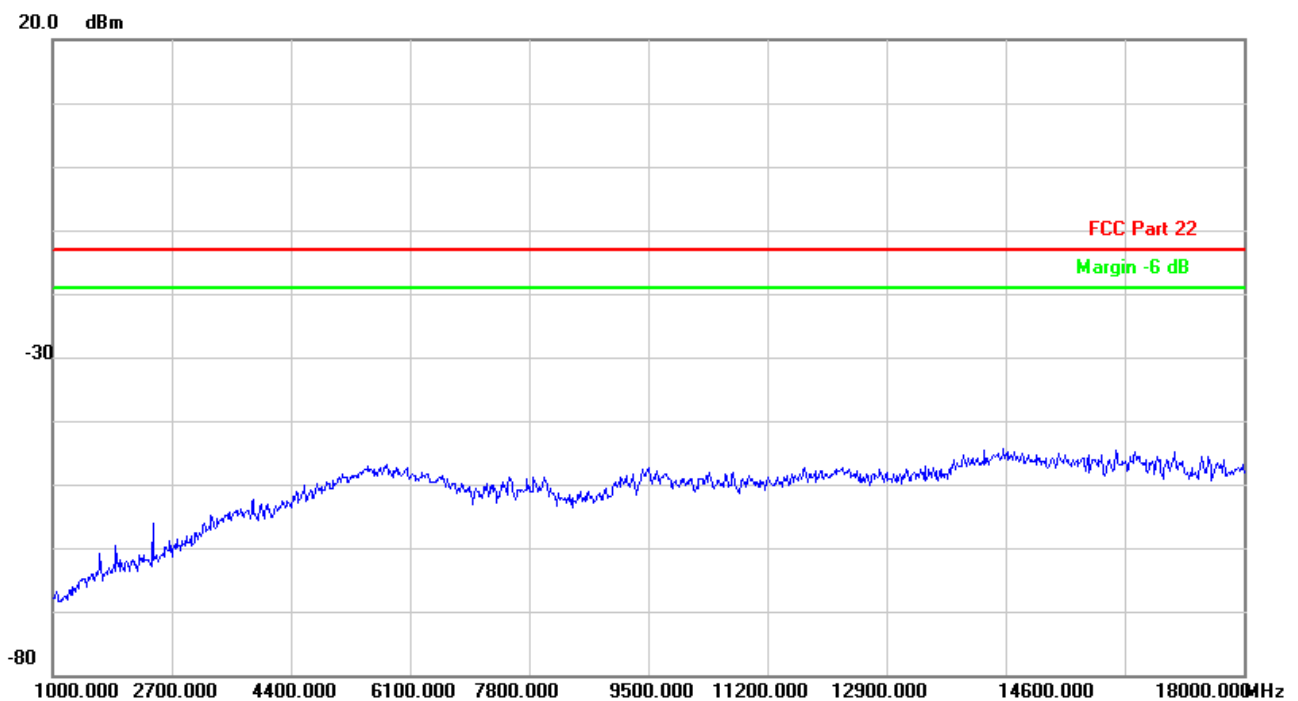
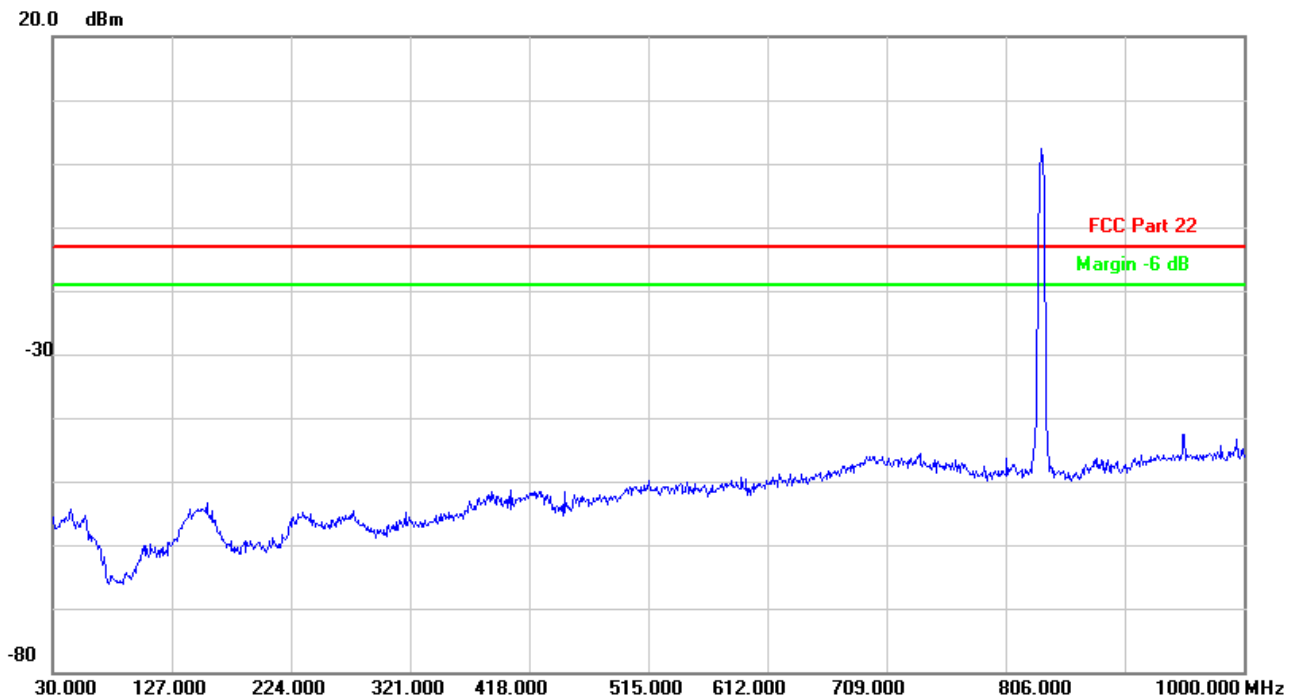




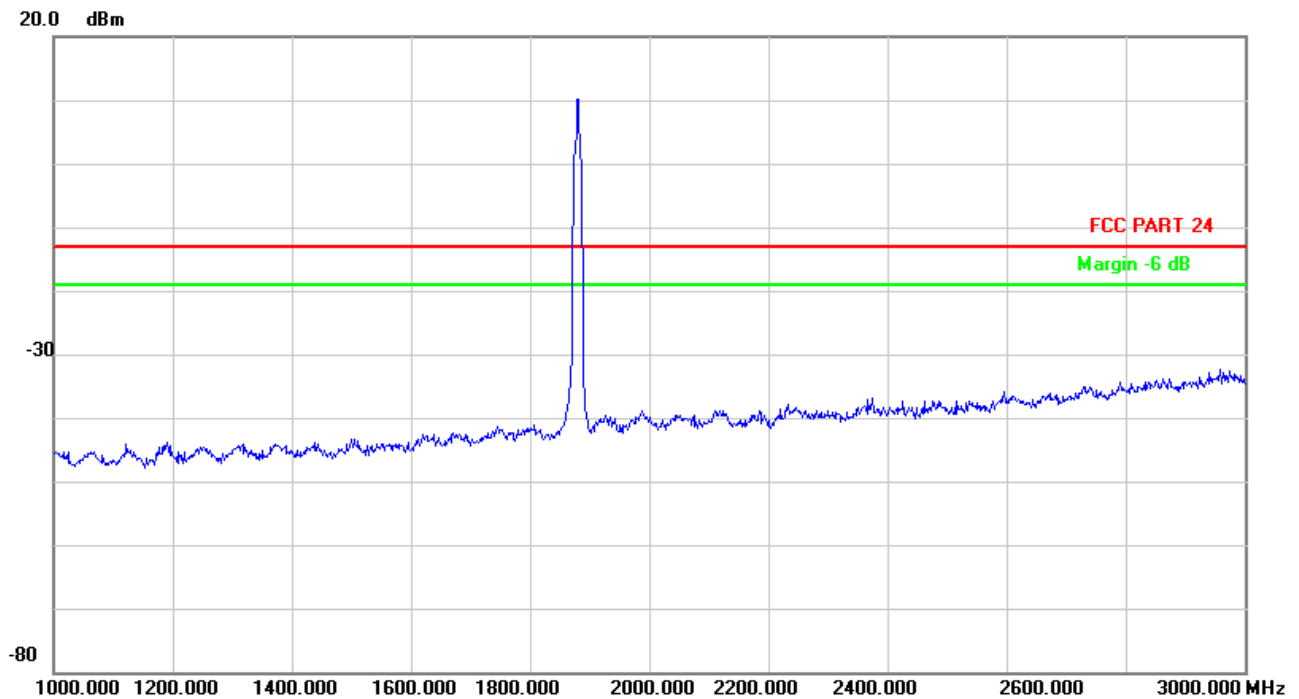
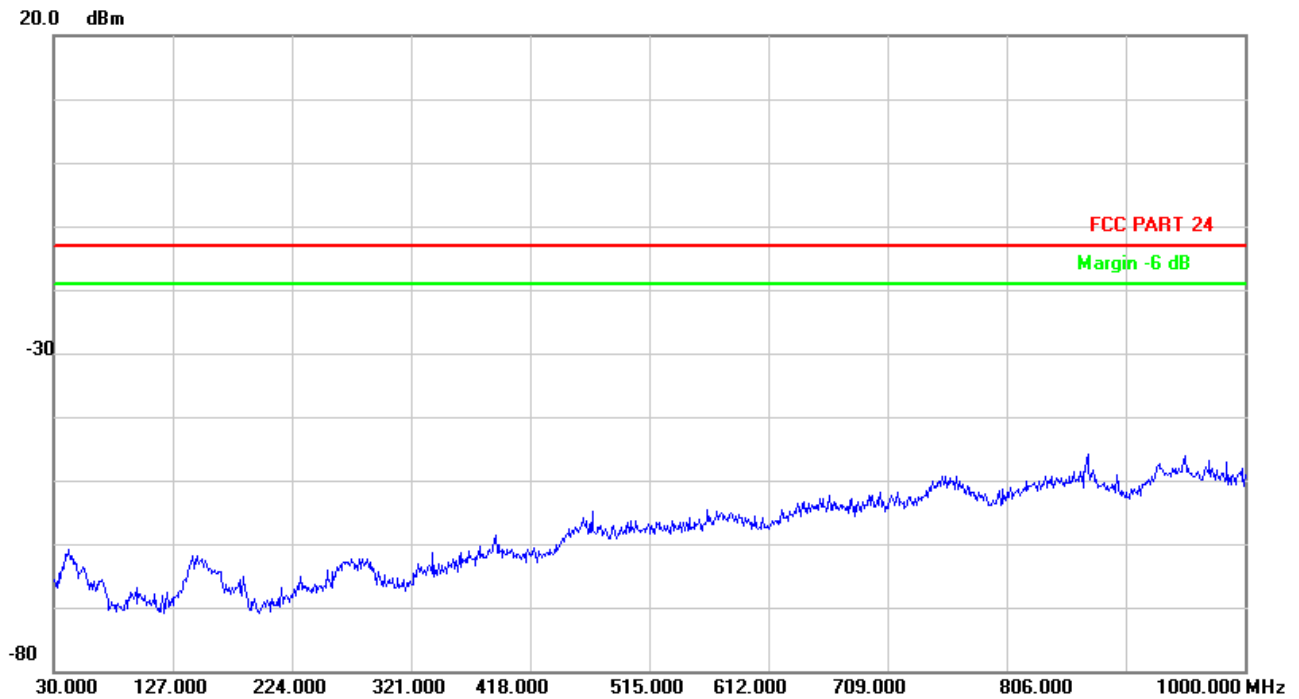
NOTE: No peak found in the Test Range of "18 GHz to 26.5 GHz"

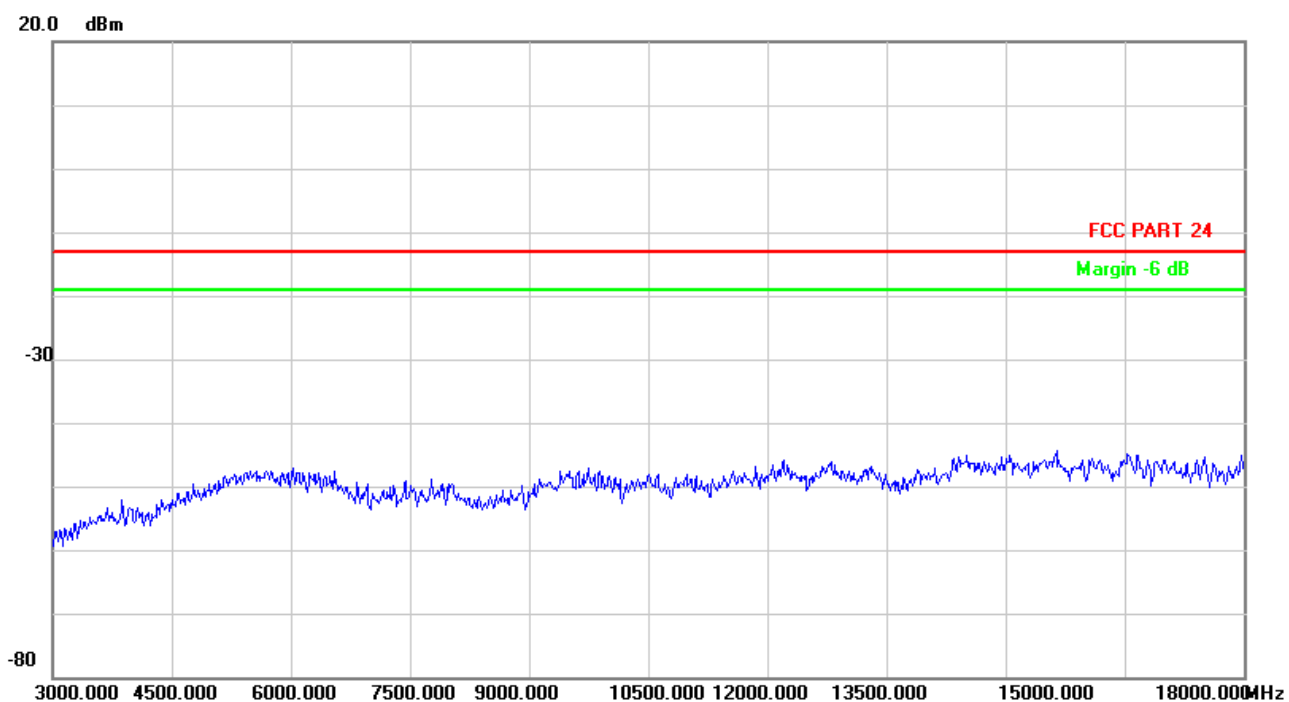


7.3.2 Test Band = WCDMA850



7.3.4 Test Band = WCDMA1900





NOTE: No peak found in the Test Range of "18 GHz to 26.5 GHz"

8Appendix_H: Frequency Stability

8.1 For CDMA/1X

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BC0	CDMA/1X/TM1	LCH	TN	VL	-0.8789	-0.00107	PASS
				VN	-0.3662	-0.00044	PASS
				VH	-0.2197	-0.00027	PASS
		MCH	TN	VL	-0.2197	-0.00026	PASS
				VN	0.293	0.00035	PASS
				VH	-0.44	-0.00053	PASS
		HCH	TN	VL	0.0732	0.00009	PASS
				VN	0.2197	0.00026	PASS
				VH	0.1465	0.00017	PASS
	CDMA/1X/TM3	LCH	TN	VL	-0.2197	-0.00027	PASS
				VN	0.0732	0.00009	PASS
				VH	-0.44	-0.00053	PASS
		MCH	TN	VL	-0.8057	-0.00096	PASS
				VN	-0.5127	-0.00061	PASS
				VH	-0.1465	-0.00018	PASS
		HCH	TN	VL	0.5859	0.00069	PASS
				VN	0.5127	0.0006	PASS
				VH	0.2197	0.00026	PASS
	CDMA/EV-DO/Subtype 0	LCH	TN	VL	0.88	0.00107	PASS
				VN	-0.44	-0.00053	PASS
				VH	-0.37	-0.00045	PASS
	CDMA/EV-DO/Subtype 0	LCH	TN	VL	-0.37	-0.00045	PASS
				VN	-0.44	-0.00053	PASS
				VH	-0.81	-0.00098	PASS
		MCH	TN	VL	-1.76	-0.0021	PASS
				VN	-0.15	-0.00018	PASS
				VH	0.59	0.00071	PASS
		HCH	TN	VL	0.37	0.00044	PASS
				VN	-1.61	-0.0019	PASS
				VH			

Test Band	Test Mode	Test Channel	Test Temp	Test Volt	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	CDMA/EV-DO/Subtype 2	LCH	TN	VH	-1.39	-0.00164	PASS
				VL	0.29	0.00035	PASS
				VN	-1.03	-0.00125	PASS
				VH	-1.54	-0.00187	PASS
		MCH	TN	VL	-0.29	-0.00035	PASS
				VN	-0.22	-0.00026	PASS
				VH	-0.73	-0.00087	PASS
		HCH	TN	VL	-0.88	-0.00104	PASS
				VN	-2.05	-0.00242	PASS
				VH	-0.07	-0.00008	PASS
BC1	CDMA/1X/TM1	LCH	TN	VL	-0.9521	-0.00051	PASS
				VN	-0.7324	-0.0004	PASS
				VH	-0.5127	-0.00028	PASS
		MCH	TN	VL	-0.1465	-0.00008	PASS
				VN	-0.0732	-0.00004	PASS
				VH	-0.293	-0.00016	PASS
		HCH	TN	VL	1.3184	0.00069	PASS
				VN	1.2451	0.00065	PASS
				VH	1.3916	0.00073	PASS
	CDMA/1X/TM3	LCH	TN	VL	-1.4648	-0.00079	PASS
				VN	-1.7578	-0.00095	PASS
				VH	-1.6113	-0.00087	PASS
		MCH	TN	VL	-0.3662	-0.00019	PASS
				VN	-0.5859	-0.00031	PASS
				VH	-0.7324	-0.00039	PASS
		HCH	TN	VL	0.5127	0.00027	PASS
				VN	0.6592	0.00035	PASS
				VH	0.9521	0.0005	PASS
	CDMA/EV-DO/Subtype 0	LCH	TN	VL	2.86	0.00154	PASS
				VN	4.54	0.00245	PASS
				VH	-3.44	-0.00186	PASS
		MCH	TN	VL	7.03	0.00374	PASS
				VN	-22.27	-0.01185	PASS
				VH	-14.65	-0.00779	PASS
		HCH	TN	VL	-17.29	-0.00906	PASS
				VN	-7.32	-0.00383	PASS
				VH	-4.17	-0.00218	PASS
	CDMA/EV-DO/Subtype 2	LCH	TN	VL	-0.9521	-0.00051	PASS
				VN	-0.7324	-0.0004	PASS



Test Band	Test Mode	Test Channel	Test Temp.	Test Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	0.88	0.00107	PASS
		MCH	TN	VL	-0.44	-0.00053	PASS
				VN	0.59	0.00071	PASS
				VH	0.37	0.00044	PASS
		HCH	TN	VL	0.5127	0.00027	PASS
				VN	0.6592	0.00035	PASS
				VH	-4.17	-0.00218	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BC0	CDMA/1X/TM1	LCH	VN	-30	-0.5127	-0.00062	PASS
				-20	0.293	0.00035	PASS
				-10	0.2197	0.00027	PASS
				0	-0.5127	-0.00062	PASS
				10	0.1465	0.00018	PASS
				20	0.293	0.00036	PASS
				30	0.1465	0.00018	PASS
				40	0.293	0.00035	PASS
				50	0.293	0.00036	PASS
		MCH	VN	-30	0.293	0.00035	PASS
				-20	0.4395	0.00053	PASS
				-10	0.3662	0.00044	PASS
				0	0.3662	0.00044	PASS
				10	0.0732	0.00009	PASS
				20	0.293	0.00035	PASS
				30	0.293	0.00035	PASS
				40	0.5127	0.00061	PASS
				50	0.1465	0.00018	PASS
		HCH	VN	-30	0.5859	0.00069	PASS
				-20	0.4395	0.00052	PASS
				-10	0.2197	0.00026	PASS
				0	0.5127	0.0006	PASS
				10	0.293	0.00035	PASS
				20	0.6592	0.00078	PASS
				30	0.3662	0.00043	PASS
				40	0.293	0.00035	PASS
				50	0.293	0.00035	PASS
	CDMA/1X/TM3	LCH	VN	-30	0.293	0.00035	PASS
				-20	0.293	0.00035	PASS
				-10	0.3662	0.00044	PASS
				0	0.0732	0.00009	PASS
				10	0.0732	0.00009	PASS
				20	-0.1465	-0.00018	PASS
				30	0.2197	0.00027	PASS
				40	-0.2197	-0.00027	PASS
				50	-0.0732	-0.00009	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	VN	-30	-0.2197	-0.00026	PASS
				-20	0.293	0.00035	PASS
				-10	-0.293	-0.00035	PASS
				0	-0.2197	-0.00026	PASS
				10	-0.5127	-0.00061	PASS
				20	-0.4395	-0.00053	PASS
				30	-0.1465	-0.00018	PASS
				40	-0.3662	-0.00044	PASS
				50	0.1465	0.00018	PASS
		HCH	VN	-30	0.0732	0.00009	PASS
				-20	0.4395	0.00052	PASS
				-10	-1.1719	-0.00138	PASS
				0	0.5127	0.0006	PASS
				10	-0.4395	-0.00052	PASS
				20	-0.2197	-0.00026	PASS
				30	0.293	0.00035	PASS
				40	-0.4395	-0.00052	PASS
				50	0.3662	0.00043	PASS
	CDMA/EV-DO/Subtype0	LCH	VN	-30	-0.73	-0.00089	PASS
				-20	0.73	0.00089	PASS
				-10	-1.83	-0.00222	PASS
				0	-0.37	-0.00045	PASS
				10	-0.73	-0.00089	PASS
				20	-0.88	-0.00107	PASS
				30	-0.29	-0.00035	PASS
				40	-0.15	-0.00018	PASS
				50	2.2	0.00267	PASS
		MCH	VN	-30	2.86	0.00342	PASS
				-20	-0.73	-0.00087	PASS
				-10	2.2	0.00263	PASS
				0	-0.15	-0.00018	PASS
				10	0.73	0.00087	PASS
				20	-0.95	-0.00114	PASS
				30	0.29	0.00035	PASS
				40	-0.37	-0.00044	PASS
				50	0.59	0.00071	PASS
		HCH	VN	-30	-0.95	-0.00112	PASS
				-20	-1.76	-0.00207	PASS
				-10	0.22	0.00026	PASS
				0	-1.61	-0.0019	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				10	-0.88	-0.00104	PASS
				20	-1.17	-0.00138	PASS
				30	-1.98	-0.00233	PASS
				40	-0.51	-0.0006	PASS
				50	-3	-0.00354	PASS
	CDMA/EV-DO/Subtype2	LCH	VN	-30	-0.15	-0.00018	PASS
				-20	-1.61	-0.00195	PASS
				-10	-0.37	-0.00045	PASS
				0	0.29	0.00035	PASS
				10	0.29	0.00035	PASS
				20	-2.2	-0.00267	PASS
				30	-0.81	-0.00098	PASS
				40	0.66	0.0008	PASS
				50	0.73	0.00089	PASS
		MCH	VN	-30	-0.51	-0.00061	PASS
				-20	-1.9	-0.00227	PASS
				-10	-1.39	-0.00166	PASS
				0	0.59	0.00071	PASS
				10	0.29	0.00035	PASS
				20	-1.25	-0.00149	PASS
				30	-2.12	-0.00253	PASS
				40	2.2	0.00263	PASS
				50	0.07	0.00008	PASS
		HCH	VN	-30	-1.03	-0.00121	PASS
				-20	-1.54	-0.00182	PASS
				-10	-1.32	-0.00156	PASS
				0	-2.2	-0.00259	PASS
				10	0.44	0.00052	PASS
				20	-0.44	-0.00052	PASS
				30	-1.46	-0.00172	PASS
				40	-1.76	-0.00207	PASS
				50	-0.44	-0.00052	PASS
BC1	CDMA/1X/TM1	LCH	VN	-30	-0.8789	-0.00047	PASS
				-20	-0.4395	-0.00024	PASS
				-10	-0.5127	-0.00028	PASS
				0	-0.3662	-0.0002	PASS
				10	-0.5127	-0.00028	PASS
				20	-0.5859	-0.00032	PASS
				30	-0.3662	-0.0002	PASS
				40	-0.293	-0.00016	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				50	-0.8057	-0.00044	PASS
		MCH	VN	-30	0.293	0.00035	PASS
				-20	-0.1465	-0.00008	PASS
				-10	-0.5859	-0.00031	PASS
				0	-0.5127	-0.00027	PASS
				10	-0.4395	-0.00023	PASS
				20	-0.3662	-0.00019	PASS
				30	-0.2197	-0.00012	PASS
				40	-0.4395	-0.00023	PASS
				50	-0.1465	-0.00008	PASS
		HCH	VN	-30	1.3184	0.00069	PASS
				-20	1.3916	0.00073	PASS
				-10	1.3184	0.00069	PASS
				0	1.2451	0.00065	PASS
				10	1.6113	0.00084	PASS
				20	1.1719	0.00061	PASS
				30	1.3184	0.00069	PASS
				40	1.2451	0.00065	PASS
				50	1.6113	0.00084	PASS
	CDMA/1X/TM3	LCH	VN	-30	-1.6846	-0.00091	PASS
				-20	-1.6846	-0.00091	PASS
				-10	-1.2451	-0.00067	PASS
				0	-1.2451	-0.00067	PASS
				10	-1.1719	-0.00063	PASS
				20	-1.3184	-0.00071	PASS
				30	-1.1719	-0.00063	PASS
				40	-1.1719	-0.00063	PASS
				50	-1.0254	-0.00055	PASS
		MCH	VN	-30	-0.5859	-0.00031	PASS
				-20	-0.4395	-0.00023	PASS
				-10	-0.6592	-0.00035	PASS
				0	-0.5859	-0.00031	PASS
				10	-0.5859	-0.00031	PASS
				20	-0.8789	-0.00047	PASS
				30	-0.8789	-0.00047	PASS
				40	-0.3662	-0.00019	PASS
		HCH	VN	50	-0.4395	-0.00023	PASS
				-30	0.4395	0.00023	PASS
				-20	1.0254	0.00054	PASS
				-10	0.8789	0.00046	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				0	0.8057	0.00042	PASS
				10	0.8789	0.00046	PASS
				20	0.8057	0.00042	PASS
				30	0.7324	0.00038	PASS
				40	0.9521	0.0005	PASS
				50	0.9521	0.0005	PASS
	CDMA/EV-DO/Subtype2	LCH	VN	-30	-2.49	-0.00135	PASS
				-20	-16.04	-0.00866	PASS
				-10	5.42	0.00293	PASS
				0	49.29	0.02663	PASS
				10	-4.32	-0.00233	PASS
				20	3.3	0.00178	PASS
				30	3.96	0.00214	PASS
				40	8.28	0.00447	PASS
				50	6.74	0.00364	PASS
		MCH	VN	-30	1.2451	0.00067	PASS
				-20	1.2451	0.00067	PASS
				-10	1.0254	0.00055	PASS
				0	1.6113	0.00087	PASS
				10	0.9521	0.00051	PASS
				20	1.4648	0.00079	PASS
				30	1.6846	0.00091	PASS
				40	0.9521	0.00051	PASS
				50	1.0986	0.00059	PASS
		HCH	VN	-30	-0.6592	-0.00035	PASS
				-20	-1.2451	-0.00066	PASS
				-10	-1.3916	-0.00074	PASS
				0	-0.9521	-0.00051	PASS
				10	-0.8789	-0.00047	PASS
				20	-1.0254	-0.00055	PASS
				30	-0.6592	-0.00035	PASS
				40	-0.9521	-0.00051	PASS
				50	-0.8057	-0.00043	PASS

8.2 For GSM

8.2.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
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Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	10.46	0.01269	PASS
				VN	12.53	0.0152	PASS
				VH	12.01	0.01457	PASS
		MCH	TN	VL	15.05	0.01799	PASS
				VN	13.37	0.01598	PASS
				VH	15.82	0.01891	PASS
		HCH	TN	VL	11.3	0.01331	PASS
				VN	8.59	0.01012	PASS
				VH	7.1	0.00836	PASS
	GSM/TM2	LCH	TN	VL	15.88	0.01927	PASS
				VN	13.56	0.01645	PASS
				VH	11.14	0.01352	PASS
		MCH	TN	VL	15.21	0.01818	PASS
				VN	14.27	0.01706	PASS
				VH	11.98	0.01432	PASS
		HCH	TN	VL	17.05	0.02009	PASS
				VN	7.91	0.00932	PASS
				VH	10.17	0.01198	PASS
GSM1900	GSM/TM1	LCH	TN	VL	15.5	0.00838	PASS
				VN	9.23	0.00499	PASS
				VH	18.34	0.00991	PASS
		MCH	TN	VL	19.31	0.01027	PASS
				VN	14.92	0.00794	PASS
				VH	17.56	0.00934	PASS
		HCH	TN	VL	16.34	0.00856	PASS
				VN	7.88	0.00413	PASS
				VH	12.53	0.00656	PASS
	GSM/TM2	LCH	TN	VL	15.11	0.00817	PASS
				VN	9.33	0.00504	PASS
				VH	15.11	0.00817	PASS
		MCH	TN	VL	14.82	0.00788	PASS
				VN	15.14	0.00805	PASS
				VH	10.17	0.00541	PASS
		HCH	TN	VL	17.01	0.00891	PASS
				VN	7.97	0.00417	PASS
				VH	12.91	0.00676	PASS

8.2.2Frequency Error vs. Temperature:



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	VN	-30	12.2	0.0148	PASS
				-20	11.49	0.01394	PASS
				-10	13.43	0.01629	PASS
				0	8.91	0.01081	PASS
				10	8.85	0.01074	PASS
				20	10.4	0.01262	PASS
				30	12.27	0.01489	PASS
				40	9.75	0.01183	PASS
				50	10.2	0.01238	PASS
		MCH	VN	-30	18.85	0.02253	PASS
				-20	11.62	0.01389	PASS
				-10	11.43	0.01366	PASS
				0	16.4	0.0196	PASS
				10	13.69	0.01636	PASS
				20	17.63	0.02107	PASS
				30	13.37	0.01598	PASS
				40	8.78	0.01049	PASS
				50	11.49	0.01373	PASS
		HCH	VN	-30	17.89	0.02108	PASS
				-20	6.65	0.00783	PASS
				-10	-0.19	-0.00022	PASS
				0	16.66	0.01963	PASS
				10	7.94	0.00935	PASS
				20	10.4	0.01225	PASS
				30	10.98	0.01294	PASS
				40	10.72	0.01263	PASS
				50	18.21	0.02145	PASS
	GSM/TM2	LCH	VN	-30	22.02	0.02672	PASS
				-20	12.04	0.01461	PASS
				-10	14.66	0.01779	PASS
				0	12.91	0.01566	PASS
				10	11.72	0.01422	PASS
				20	13.27	0.0161	PASS
				30	18.31	0.02222	PASS
				40	14.17	0.01719	PASS
				50	19.31	0.02343	PASS
		MCH	VN	-30	10.88	0.01301	PASS
				-20	12.56	0.01501	PASS
				-10	14.04	0.01678	PASS
				0	11.43	0.01366	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				10	10.33	0.01235	PASS
				20	11.33	0.01354	PASS
				30	11.14	0.01332	PASS
				40	15.11	0.01806	PASS
				50	14.3	0.01709	PASS
		HCH	VN	-30	14.46	0.01704	PASS
				-20	16.01	0.01886	PASS
				-10	16.69	0.01966	PASS
				0	15.34	0.01807	PASS
				10	13.62	0.01605	PASS
				20	17.82	0.02099	PASS
				30	10.75	0.01266	PASS
				40	17.05	0.02009	PASS
				50	11.98	0.01411	PASS
GSM1900	GSM/TM1	LCH	VN	-30	6.07	0.00328	PASS
				-20	4.97	0.00269	PASS
				-10	14.92	0.00806	PASS
				0	6.97	0.00377	PASS
				10	20.02	0.01082	PASS
				20	15.43	0.00834	PASS
				30	15.56	0.00841	PASS
				40	13.3	0.00719	PASS
				50	18.34	0.00991	PASS
		MCH	VN	-30	12.2	0.00649	PASS
				-20	14.59	0.00776	PASS
				-10	10.65	0.00566	PASS
				0	10.91	0.0058	PASS
				10	8.14	0.00433	PASS
				20	4.91	0.00261	PASS
				30	14.53	0.00773	PASS
				40	11.69	0.00622	PASS
				50	5.49	0.00292	PASS
		HCH	VN	-30	12.79	0.0067	PASS
				-20	17.18	0.009	PASS
				-10	13.95	0.0073	PASS
				0	15.88	0.00832	PASS
				10	19.24	0.01007	PASS
				20	19.5	0.01021	PASS
				30	15.82	0.00828	PASS
				40	17.56	0.00919	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	GSM/TM2	LCH	VN	50	18.66	0.00977	PASS
				-30	22.08	0.01193	PASS
				-20	18.66	0.01009	PASS
				-10	12.07	0.00652	PASS
				0	9.91	0.00536	PASS
				10	17.43	0.00942	PASS
				20	14.24	0.0077	PASS
				30	14.37	0.00777	PASS
				40	9.33	0.00504	PASS
				50	15.53	0.00839	PASS
		MCH	VN	-30	9.78	0.0052	PASS
				-20	15.53	0.00826	PASS
				-10	9.75	0.00519	PASS
				0	18.63	0.00991	PASS
				10	15.59	0.00829	PASS
				20	16.72	0.00889	PASS
				30	13.14	0.00699	PASS
				40	8.52	0.00453	PASS
				50	12.33	0.00656	PASS
		HCH	VN	-30	1.71	0.0009	PASS
				-20	6.88	0.0036	PASS
				-10	5.71	0.00299	PASS
				0	6.59	0.00345	PASS
				10	0	0	PASS
				20	4.36	0.00228	PASS
				30	10.01	0.00524	PASS
				40	14.98	0.00784	PASS
				50	5.68	0.00297	PASS

8.3 For UMTS

8.3.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA850	UMTS/TM1	LCH	TN	VL	1.53	0.00185	PASS
				VN	2.26	0.00273	PASS
				VH	1.77	0.00214	PASS
		MCH	TN	VL	0.08	0.0001	PASS
				VN	-2.64	-0.00316	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA1900	UMTS/TM1	HCH	TN	VH	-1.24	-0.00148	PASS
				VL	-2.93	-0.00346	PASS
				VN	-3.51	-0.00415	PASS
				VH	1.65	0.00195	PASS
		LCH	TN	VL	0.63	0.00034	PASS
				VN	-0.17	-0.00009	PASS
				VH	-2.04	-0.0011	PASS
		MCH	TN	VL	3.91	0.00208	PASS
				VN	3.91	0.00208	PASS
				VH	0.81	0.00043	PASS
		HCH	TN	VL	-2.79	-0.00146	PASS
				VN	-3.1	-0.00163	PASS
				VH	-3.14	-0.00165	PASS

8.3.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA850	UMTS/TM1	LCH	VN	-30	1.75	0.00212	PASS
				-20	1.83	0.00221	PASS
				-10	2.35	0.00284	PASS
				0	2.88	0.00348	PASS
				10	1.54	0.00186	PASS
				20	-0.37	-0.00045	PASS
				30	1.33	0.00161	PASS
				40	-1.74	-0.00211	PASS
				50	0.78	0.00094	PASS
		MCH	VN	-30	-0.2	-0.00024	PASS
				-20	-1.98	-0.00237	PASS
				-10	-0.6	-0.00072	PASS
				0	0.99	0.00118	PASS
				10	1.01	0.00121	PASS
				20	-1.51	-0.00181	PASS
				30	-3.52	-0.00421	PASS
				40	-0.14	-0.00017	PASS
				50	-0.4	-0.00048	PASS
		HCH	VN	-30	-2.18	-0.00258	PASS
				-20	-2.04	-0.00241	PASS
				-10	-2.44	-0.00288	PASS
				0	-0.6	-0.00071	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				10	1.25	0.00148	PASS
				20	-3.05	-0.0036	PASS
				30	-1.11	-0.00131	PASS
				40	-1.36	-0.00161	PASS
				50	-1.86	-0.0022	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	2.12	0.00114	PASS
				-20	-0.7	-0.00038	PASS
				-10	2.26	0.00122	PASS
				0	1.05	0.00057	PASS
				10	1.39	0.00075	PASS
				20	2.76	0.00149	PASS
				30	-2.04	-0.0011	PASS
				40	-0.21	-0.00011	PASS
				50	-0.6	-0.00032	PASS
		MCH	VN	-30	-0.6	-0.00032	PASS
				-20	1.13	0.0006	PASS
				-10	1.65	0.00088	PASS
				0	0.55	0.00029	PASS
				10	1.5	0.0008	PASS
				20	-0.21	-0.00011	PASS
				30	-2.73	-0.00145	PASS
				40	-1.07	-0.00057	PASS
				50	-0.21	-0.00011	PASS
		HCH	VN	-30	-1.31	-0.00069	PASS
				-20	-2.01	-0.00105	PASS
				-10	-3.49	-0.00183	PASS
				0	-2.85	-0.00149	PASS
				10	-1.04	-0.00055	PASS
				20	-2.99	-0.00157	PASS
				30	-3.54	-0.00186	PASS
				40	-2.2	-0.00115	PASS
				50	-4.35	-0.00228	PASS

END