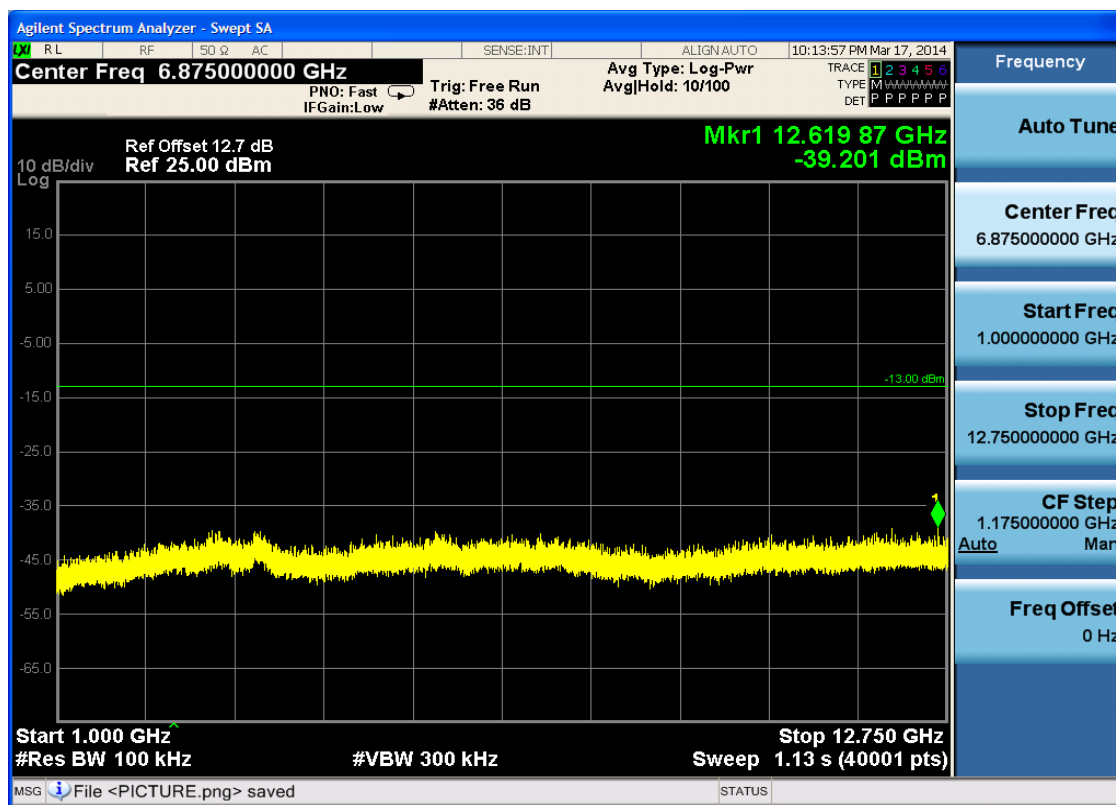
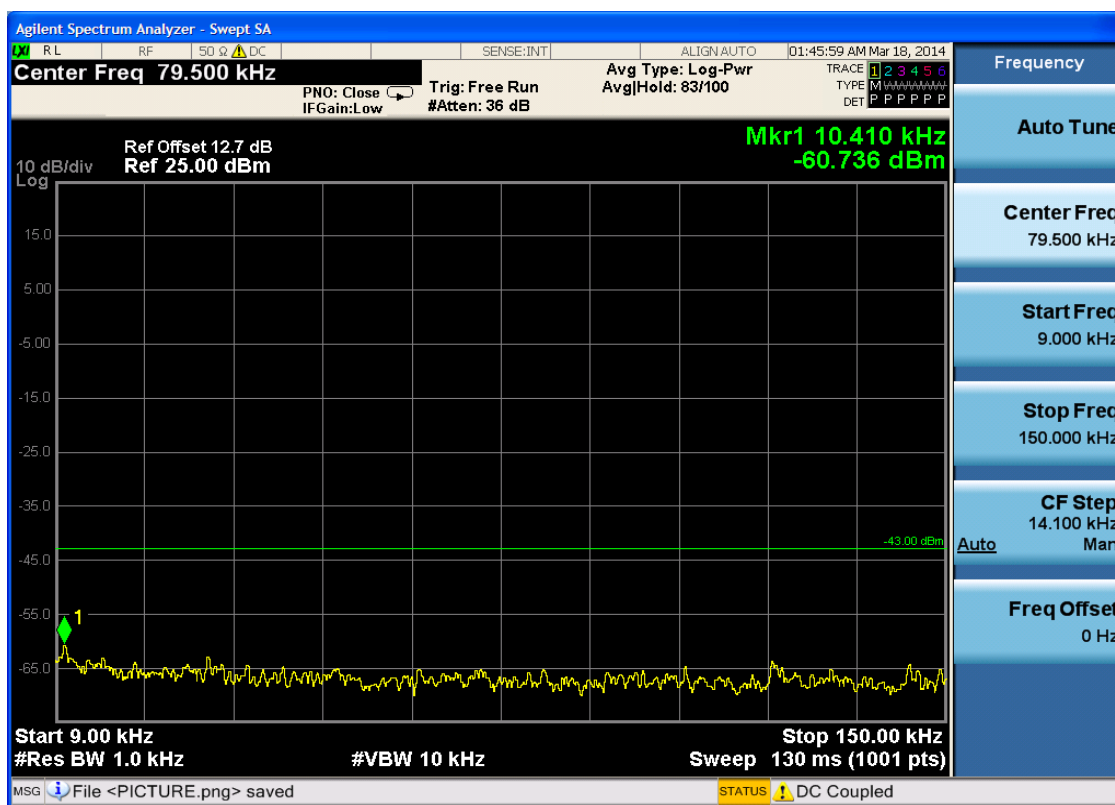


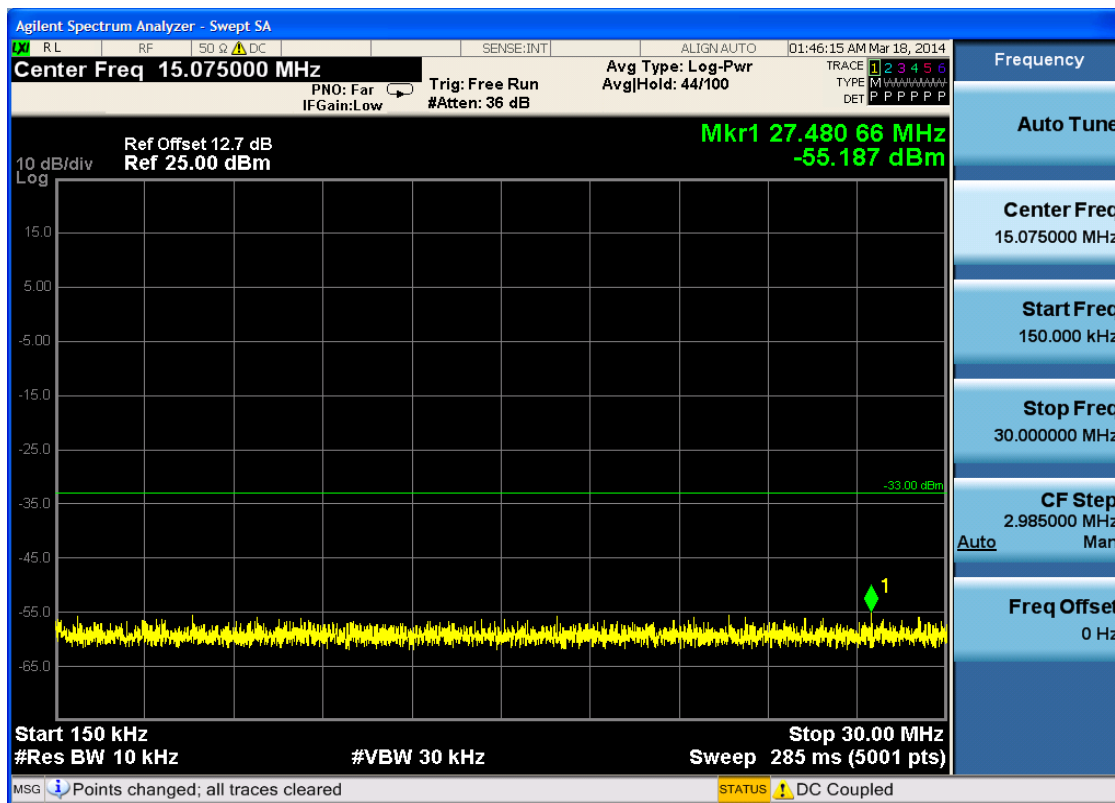


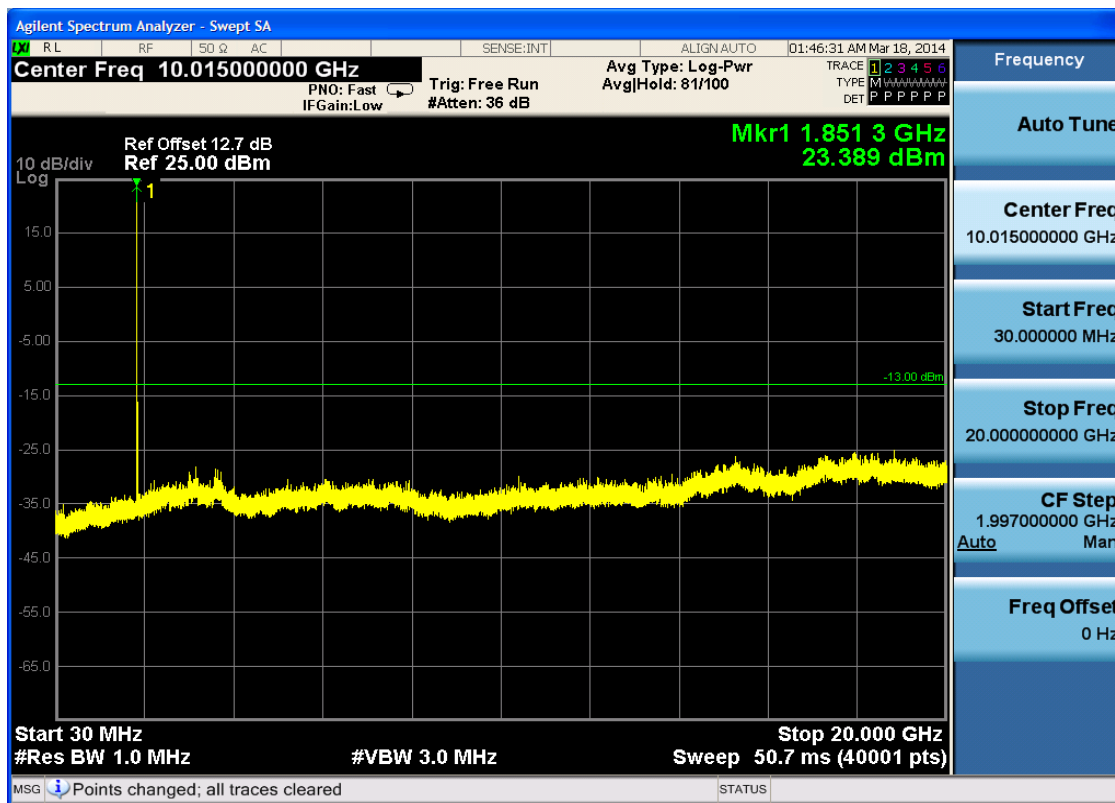
6.2.2 Test Band = WCDMA1900

6.2.2.1 Test Mode = UMTS/TM1

6.2.2.1.1 Test Channel = LCH

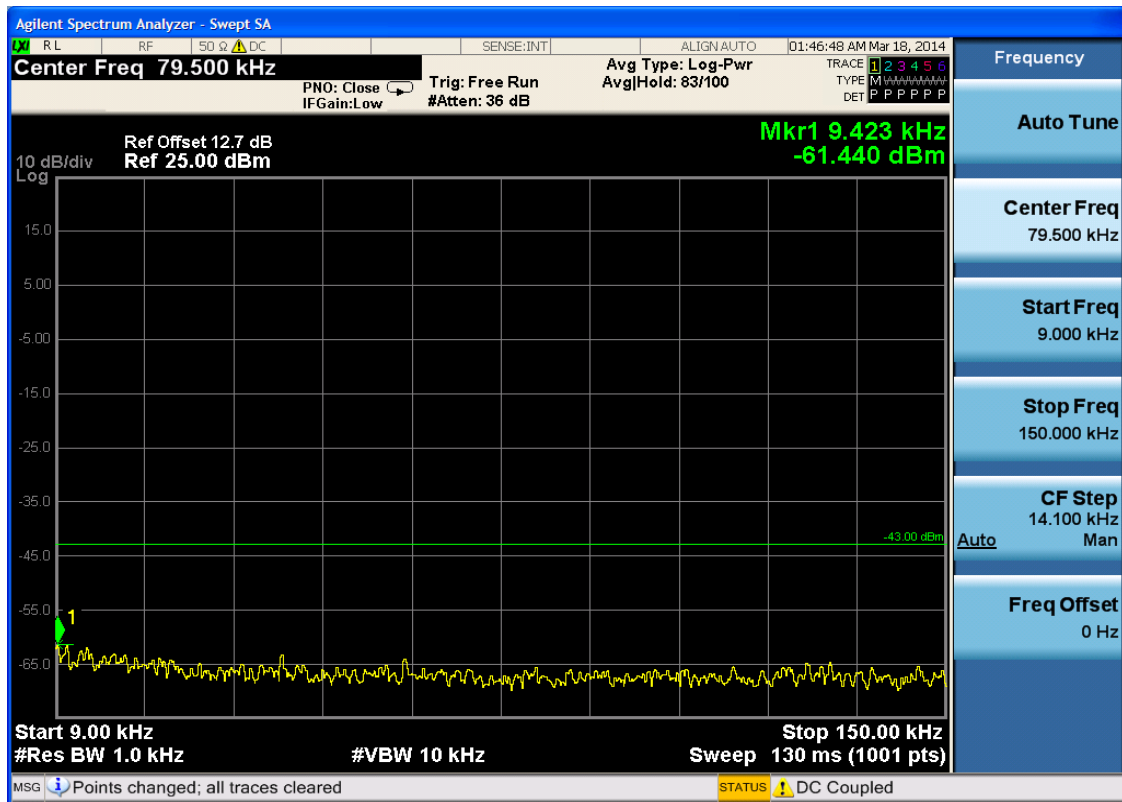


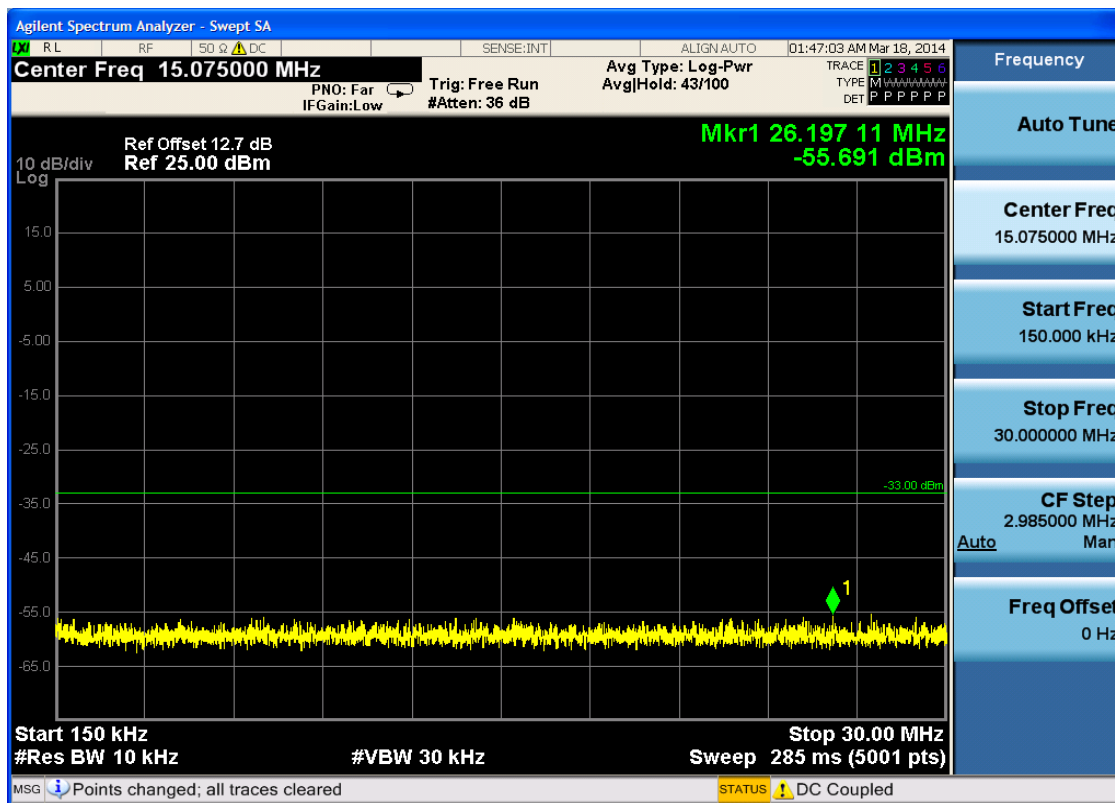


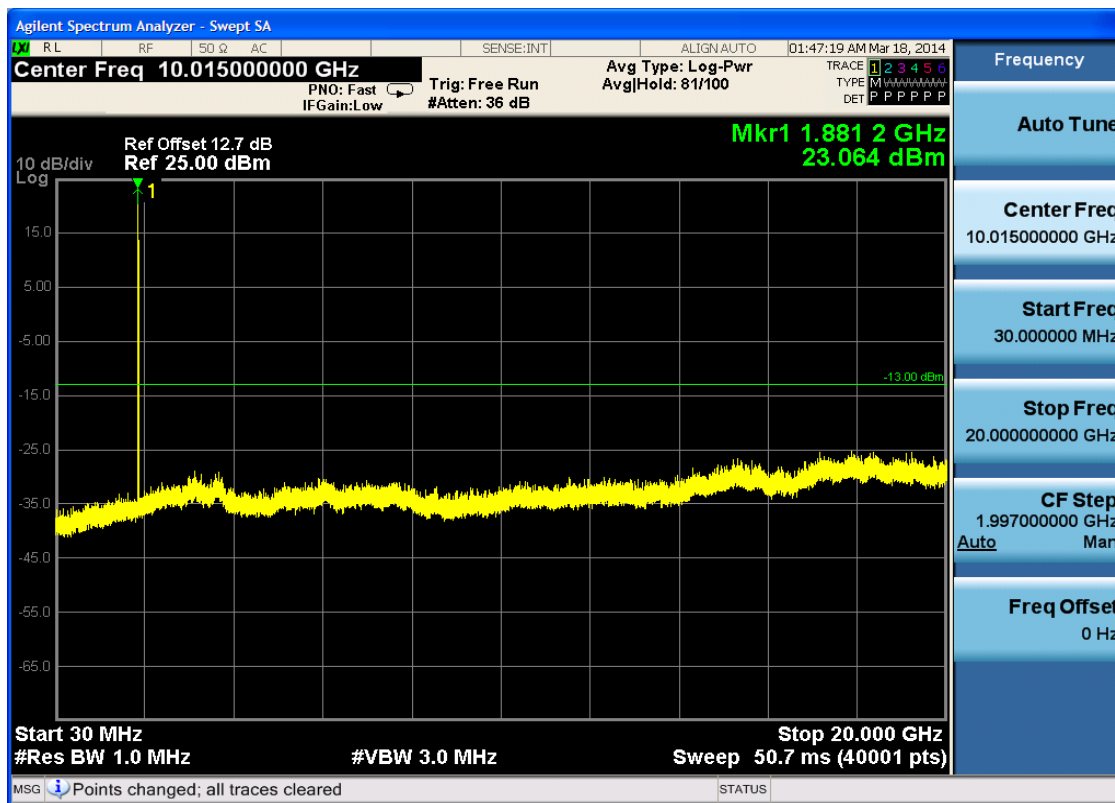




6.2.2.1.2 Test Channel = MCH

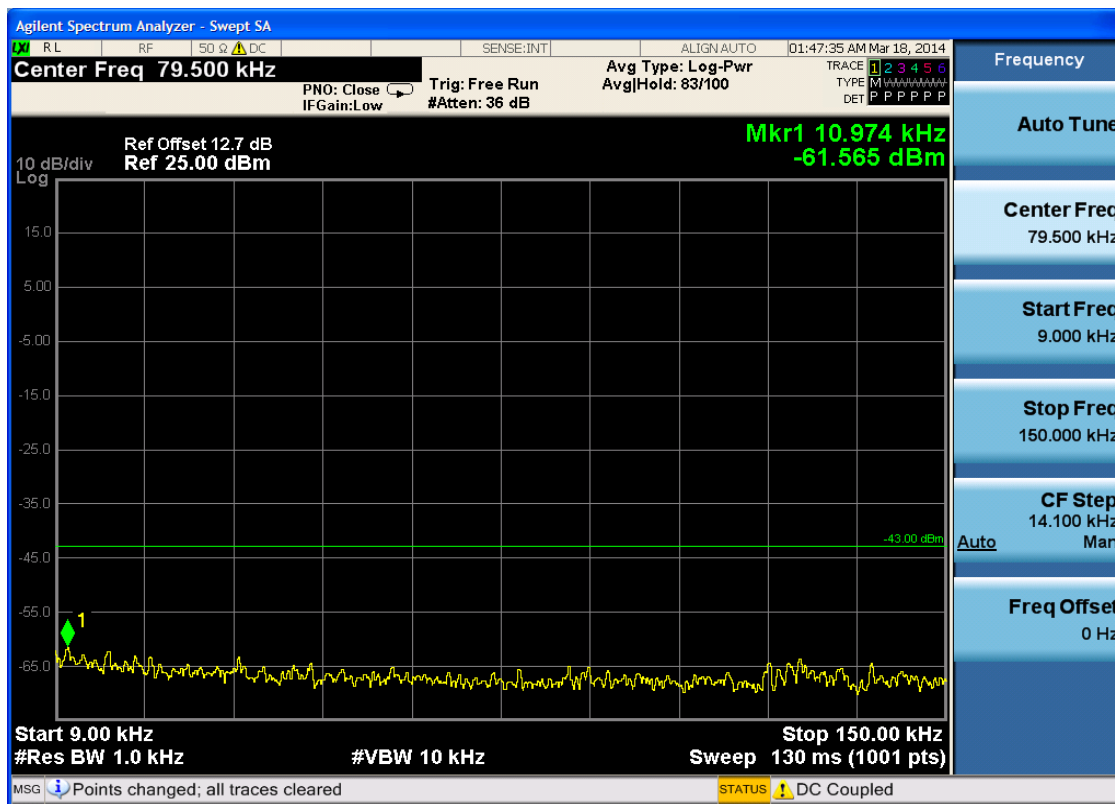


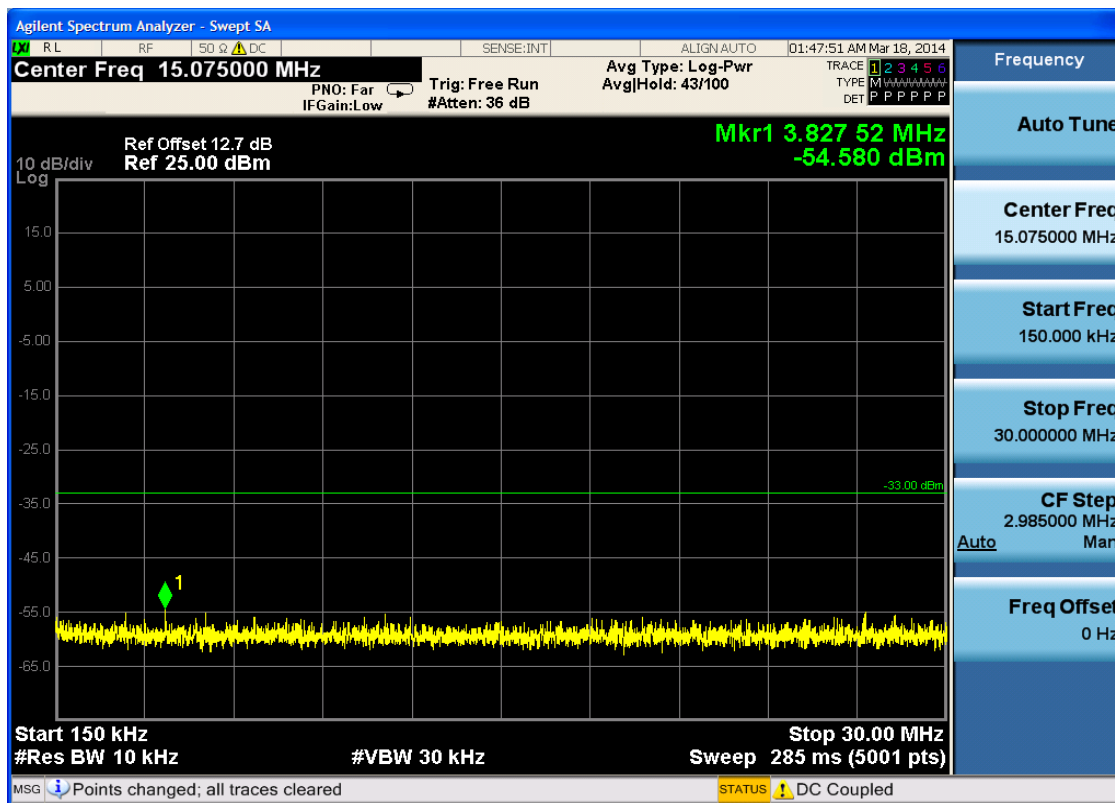


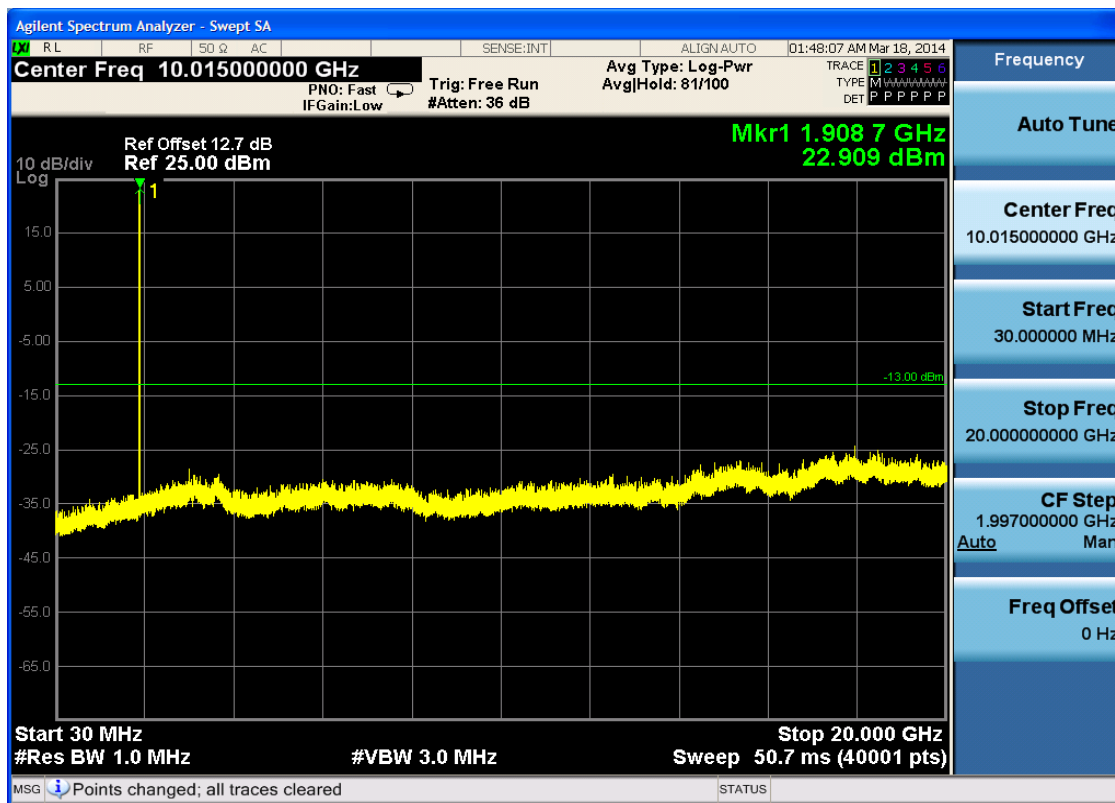




6.2.2.1.3 Test Channel = HCH



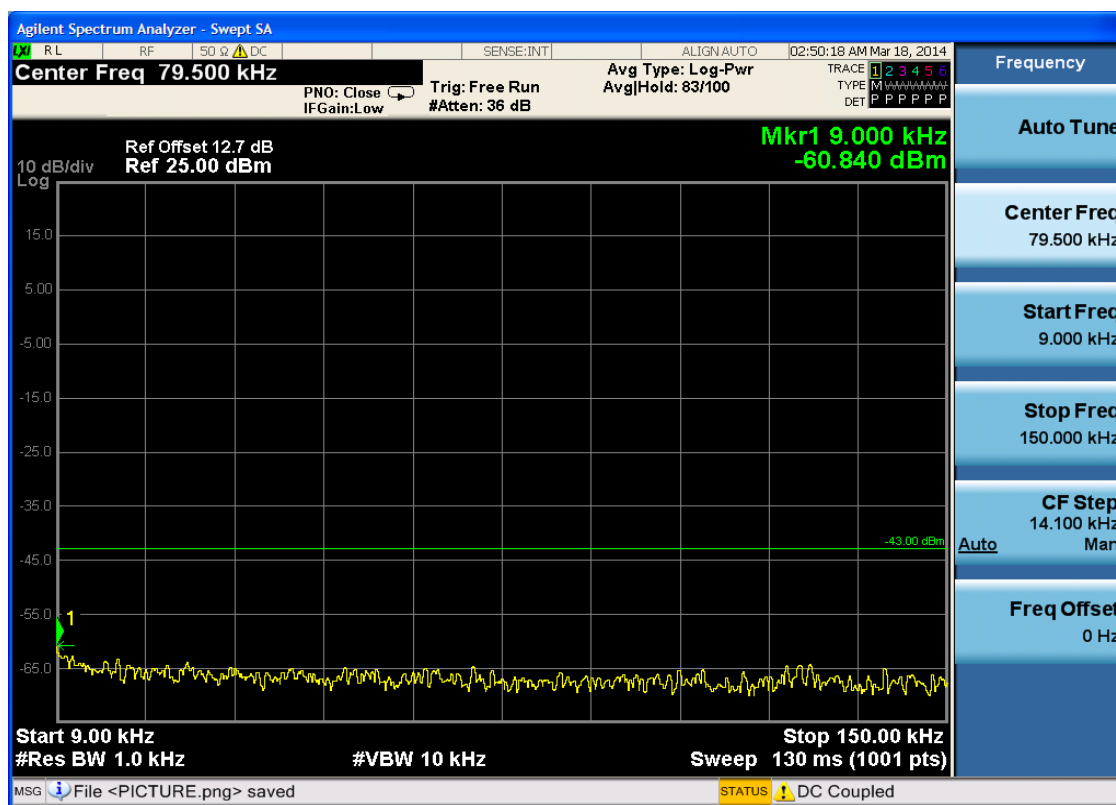


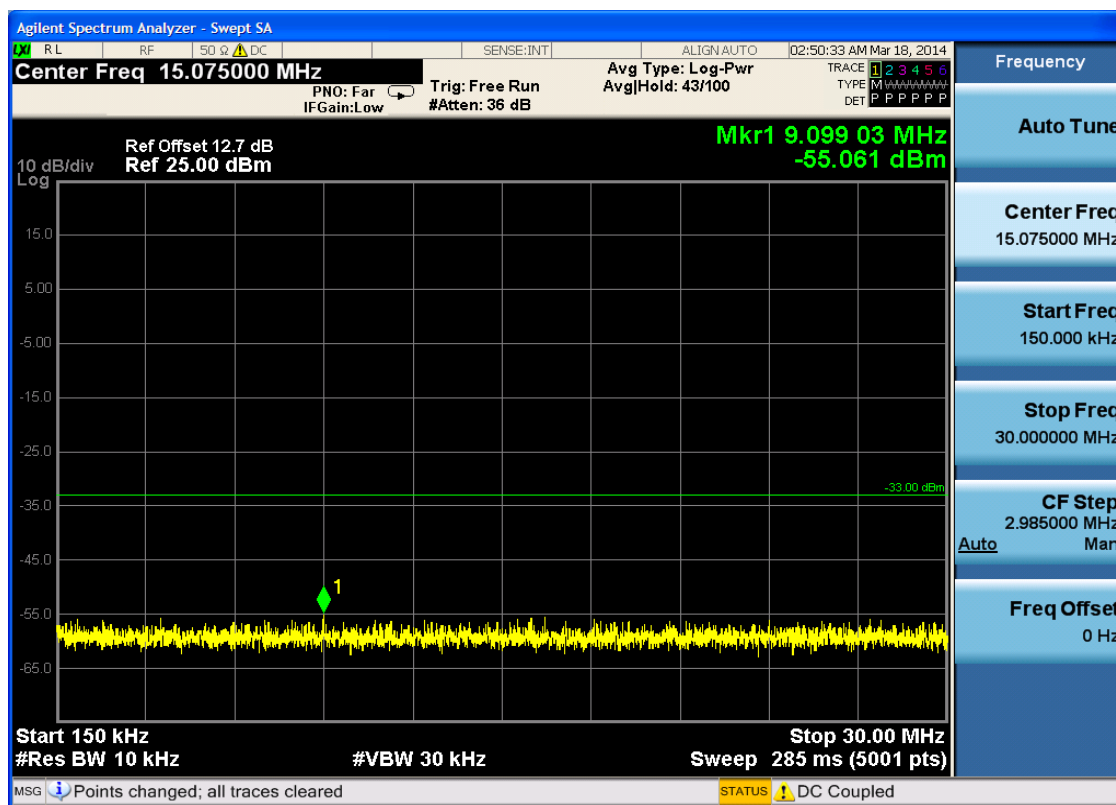


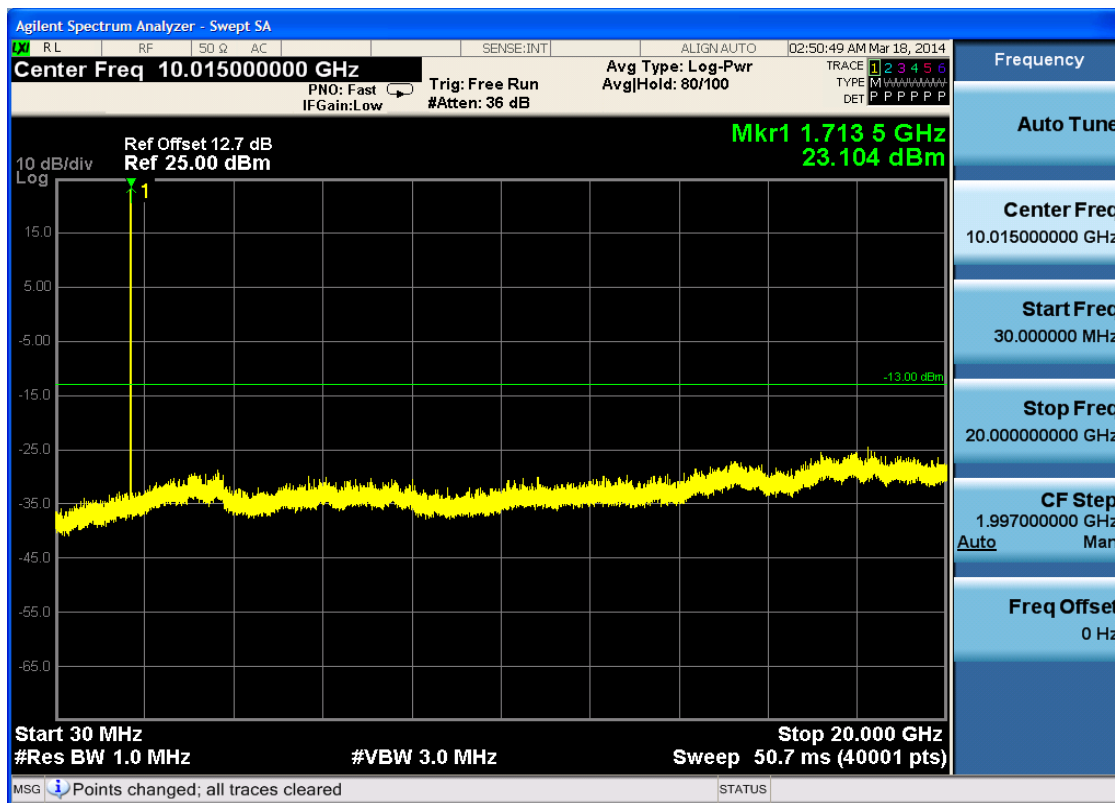
6.2.3 Test Band = WCDMA1700

6.2.3.1 Test Mode = UMTS/TM1

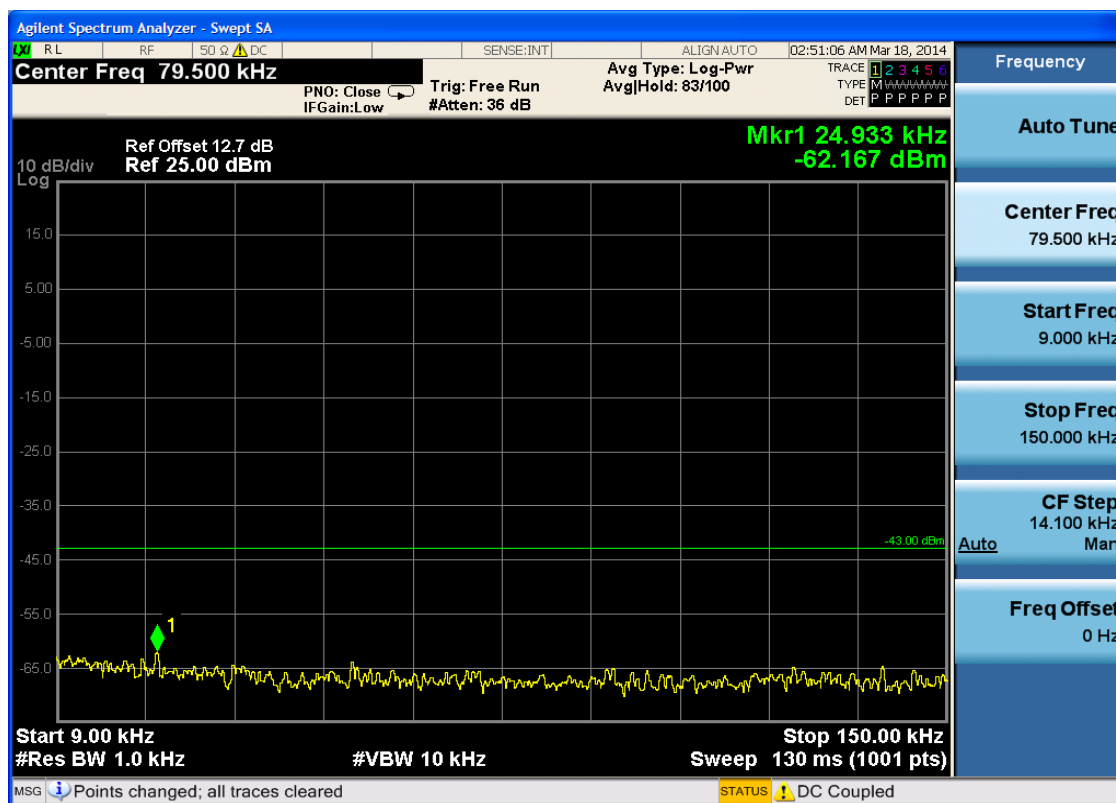
6.2.3.1.1 Test Channel = LCH

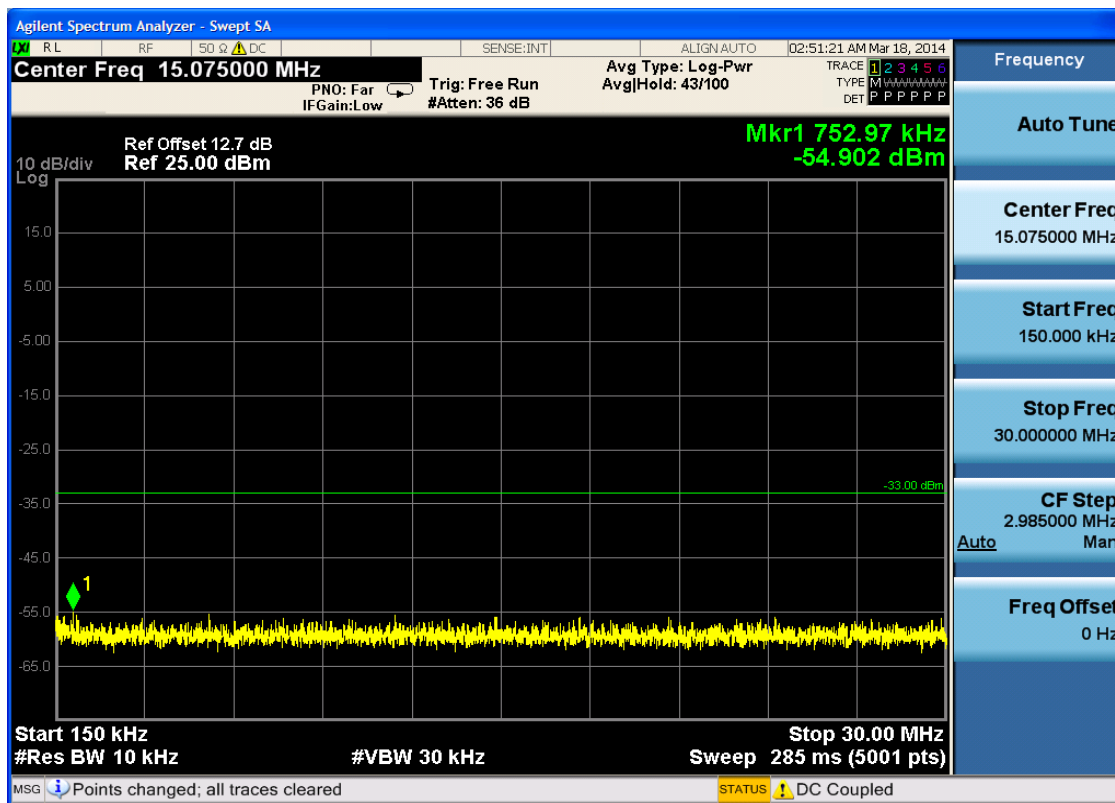


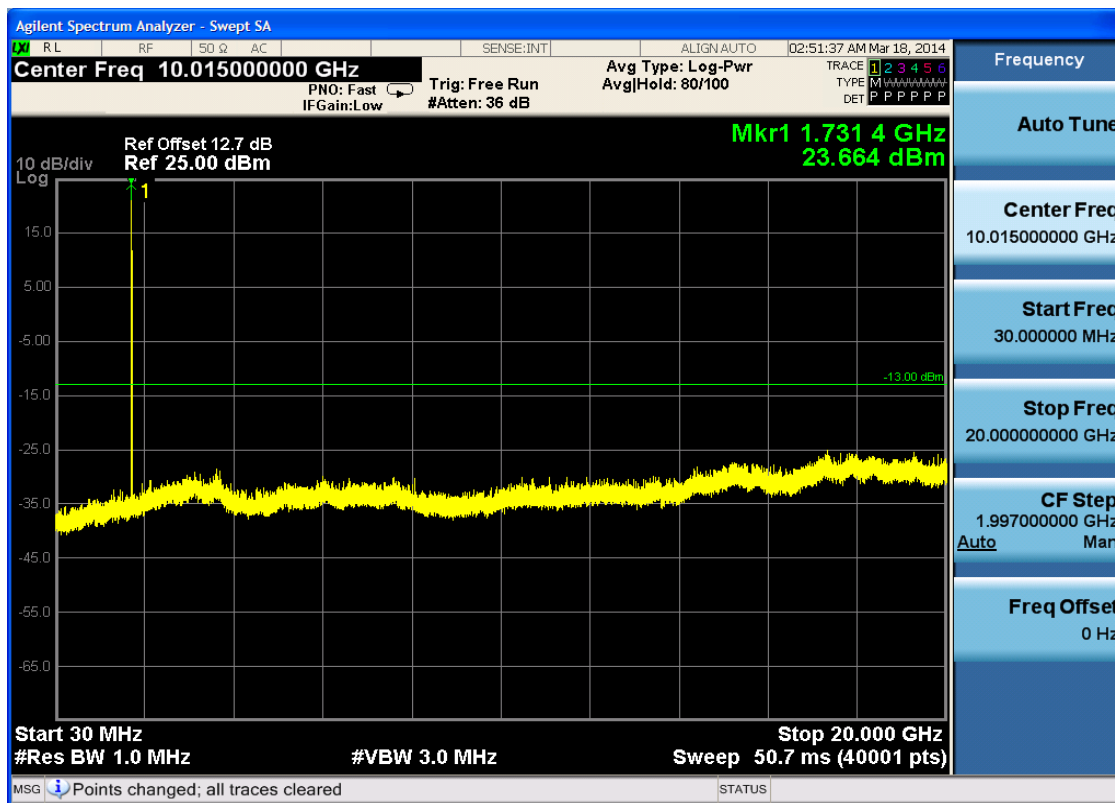




6.2.3.1.2 Test Channel = MCH

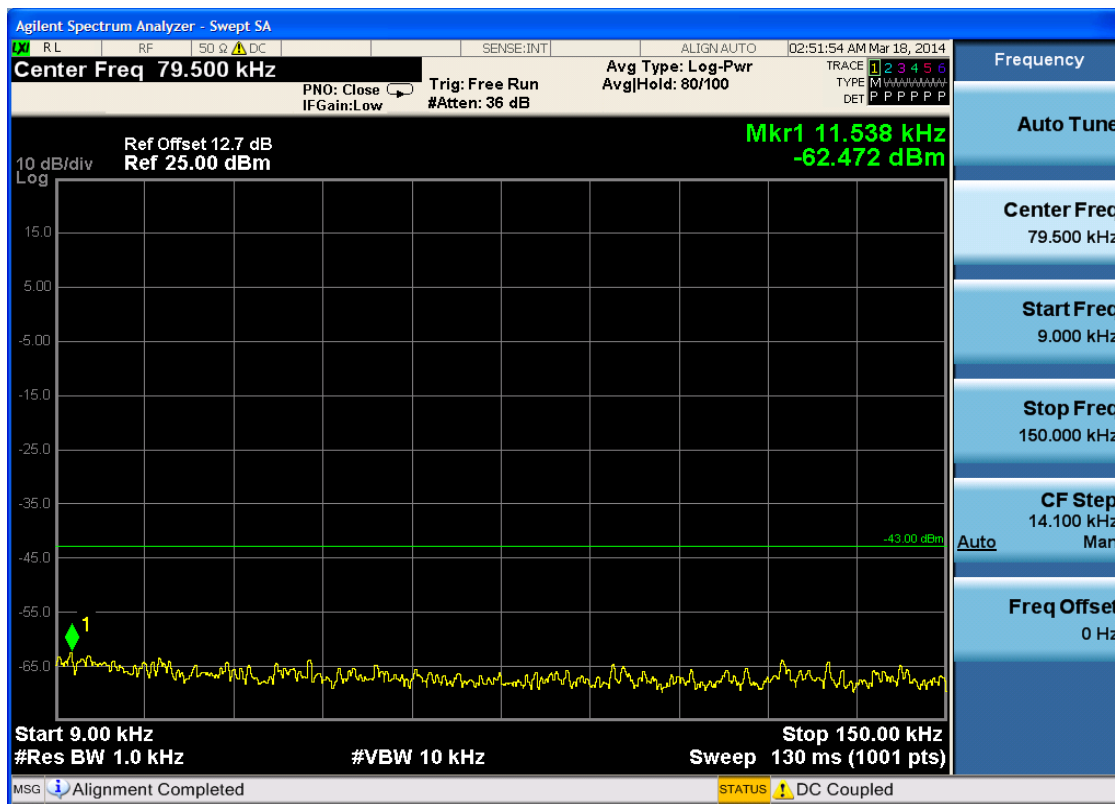


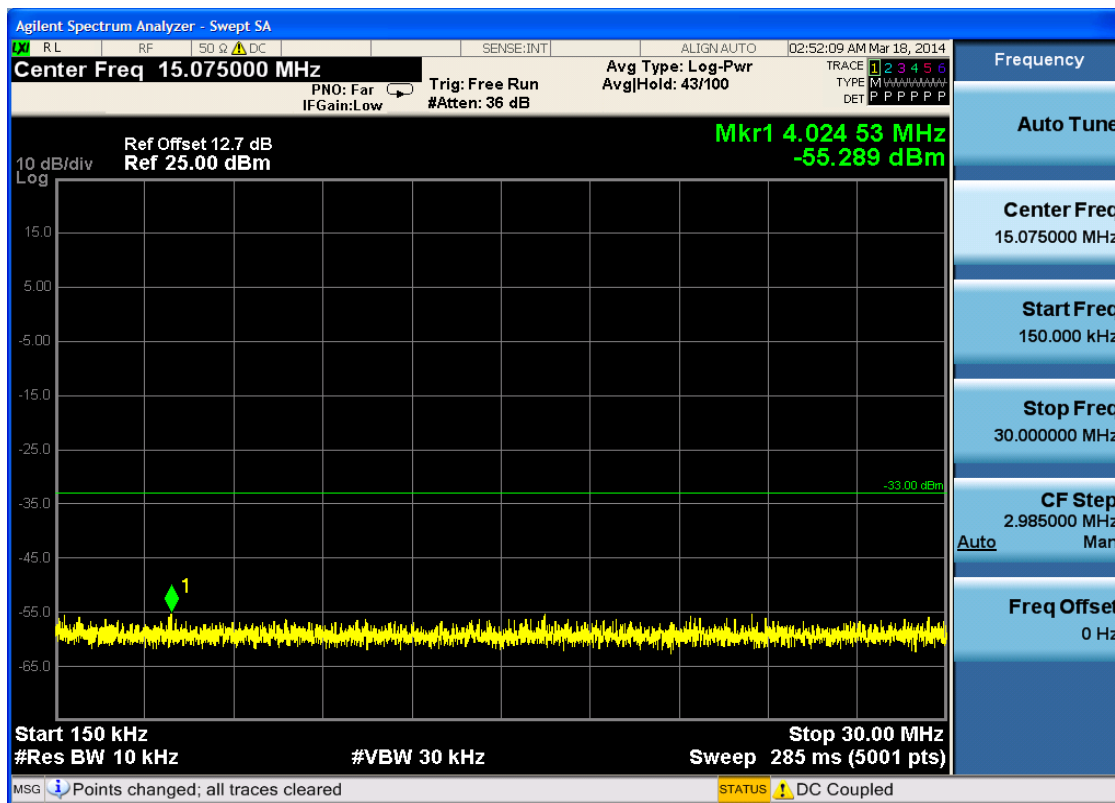


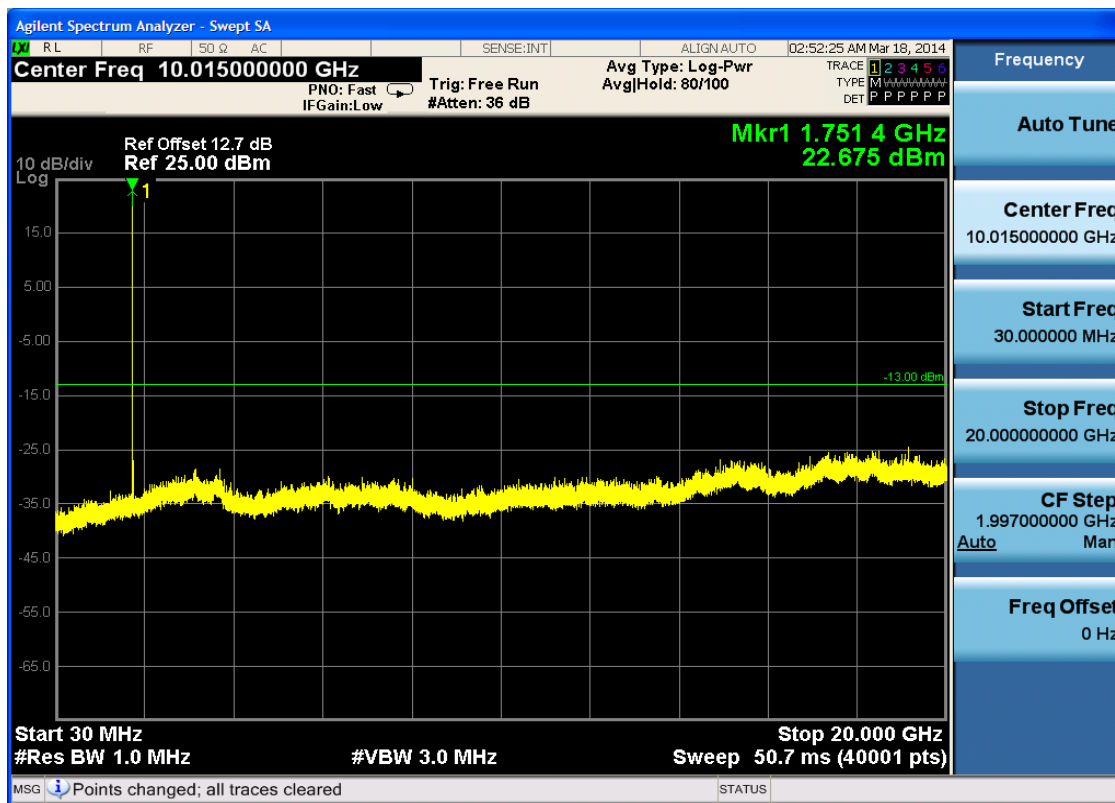




6.2.3.1.3 Test Channel = HCH







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

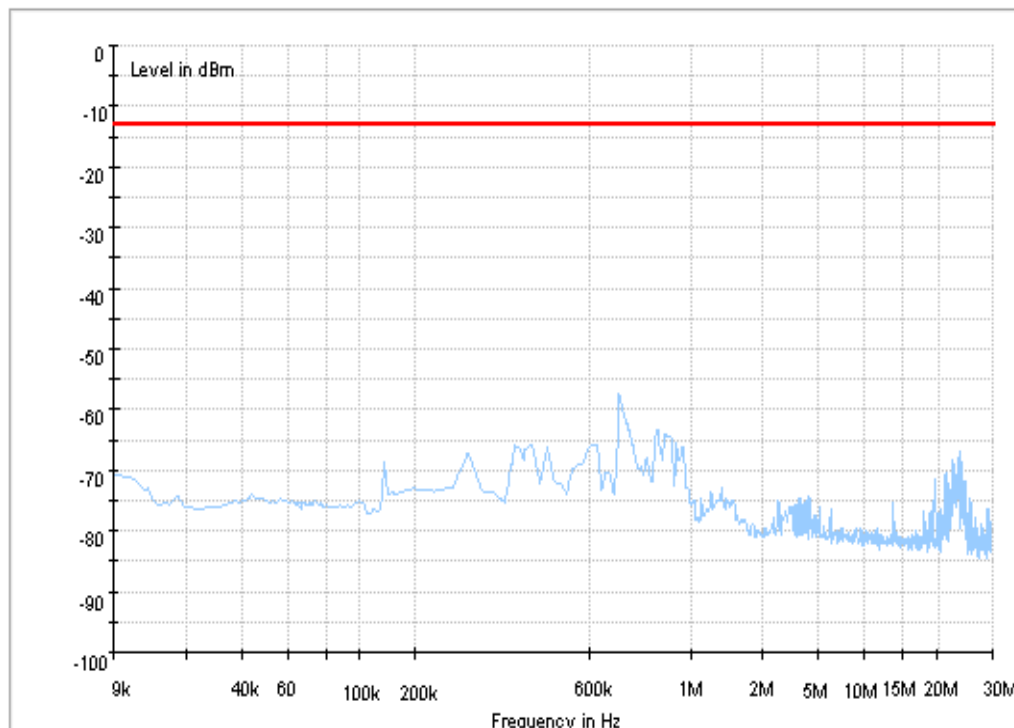
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

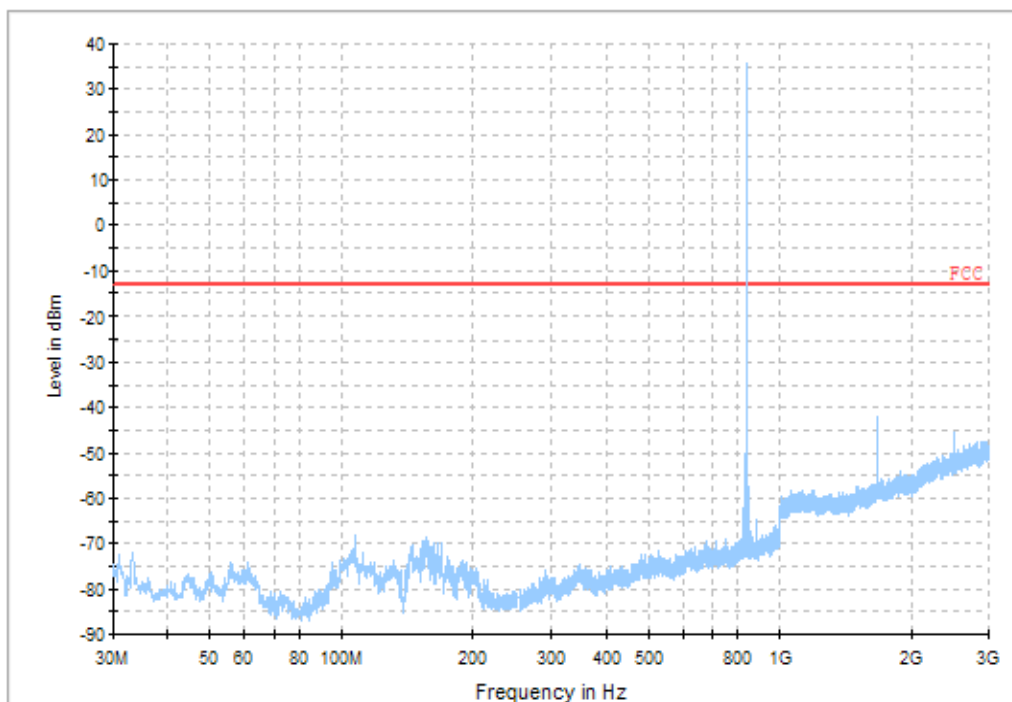
7.1 For GSM

7.1.1 Test Band = GSM850

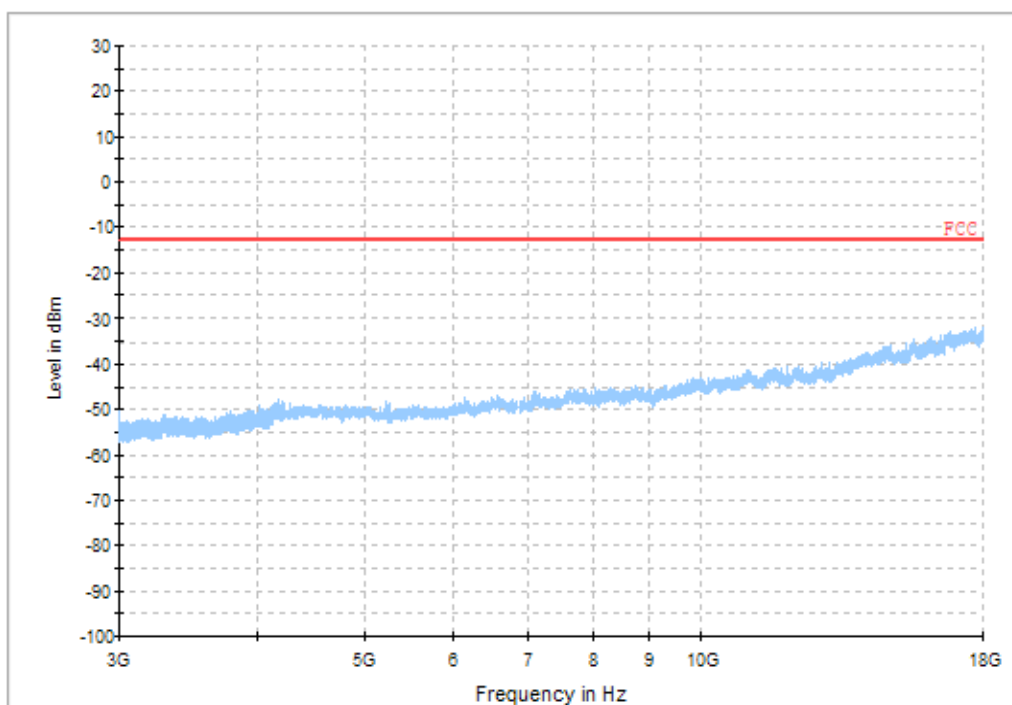
7.1.1.1 Test Mode = GSM/TM1



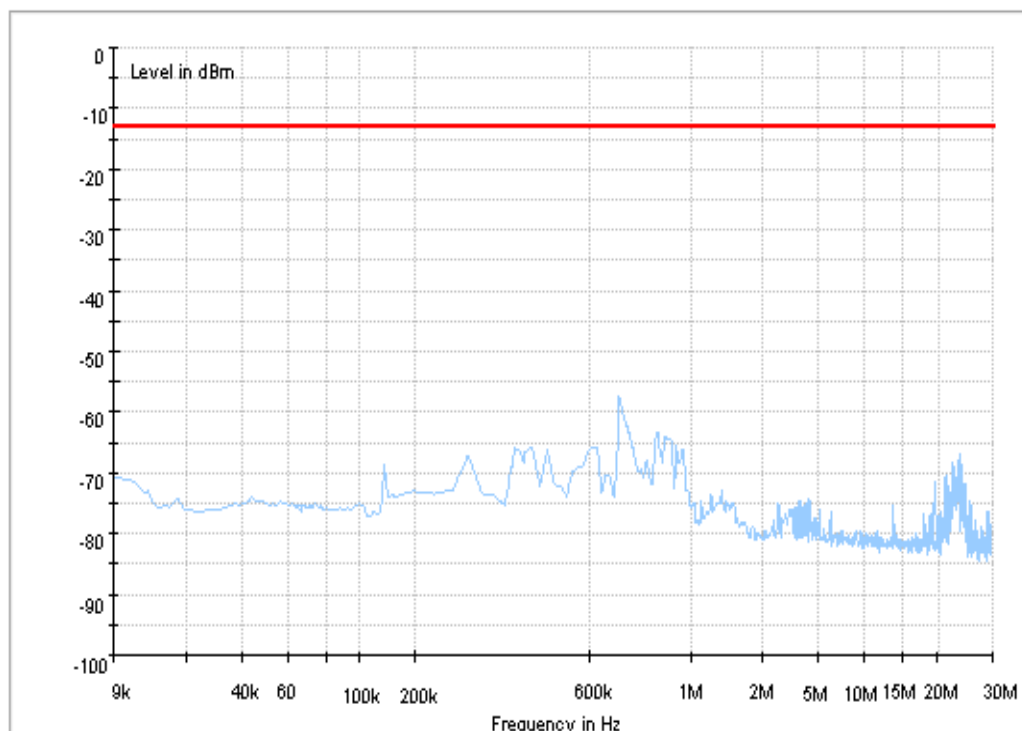
Copy of FCC PART22 GSM850_L



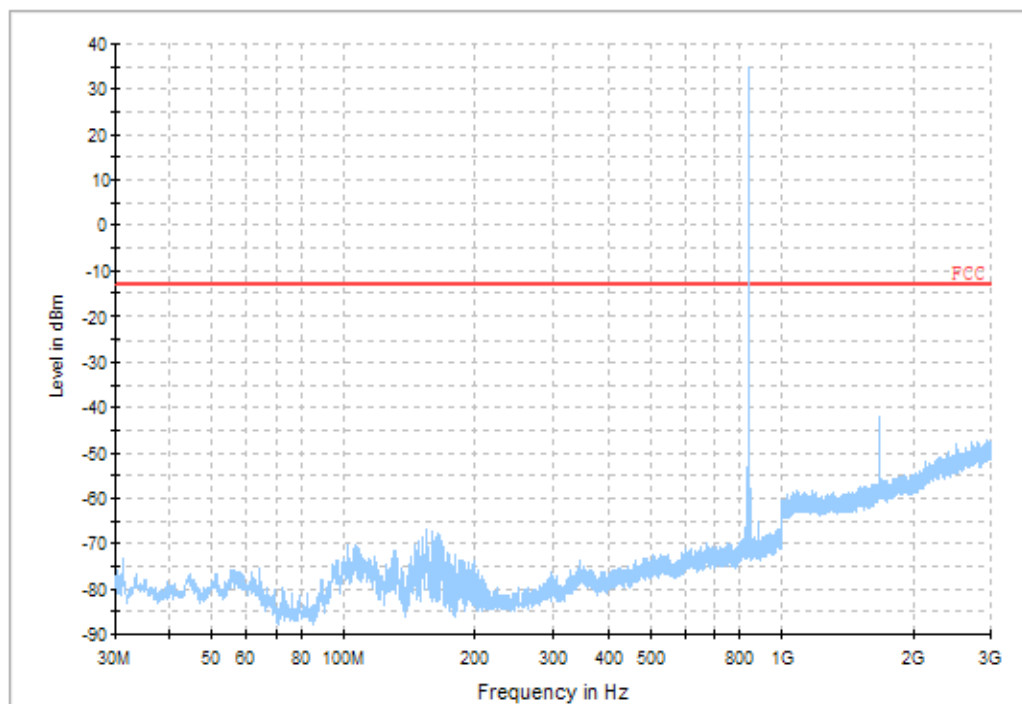
Copy of FCC PART22 GSM850_H



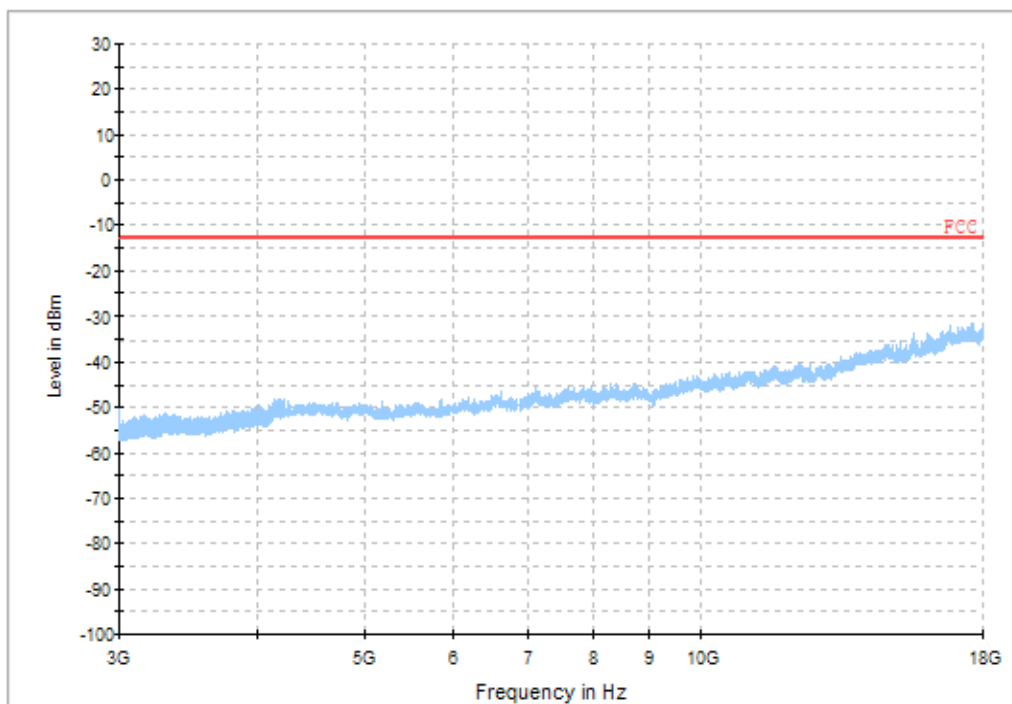
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

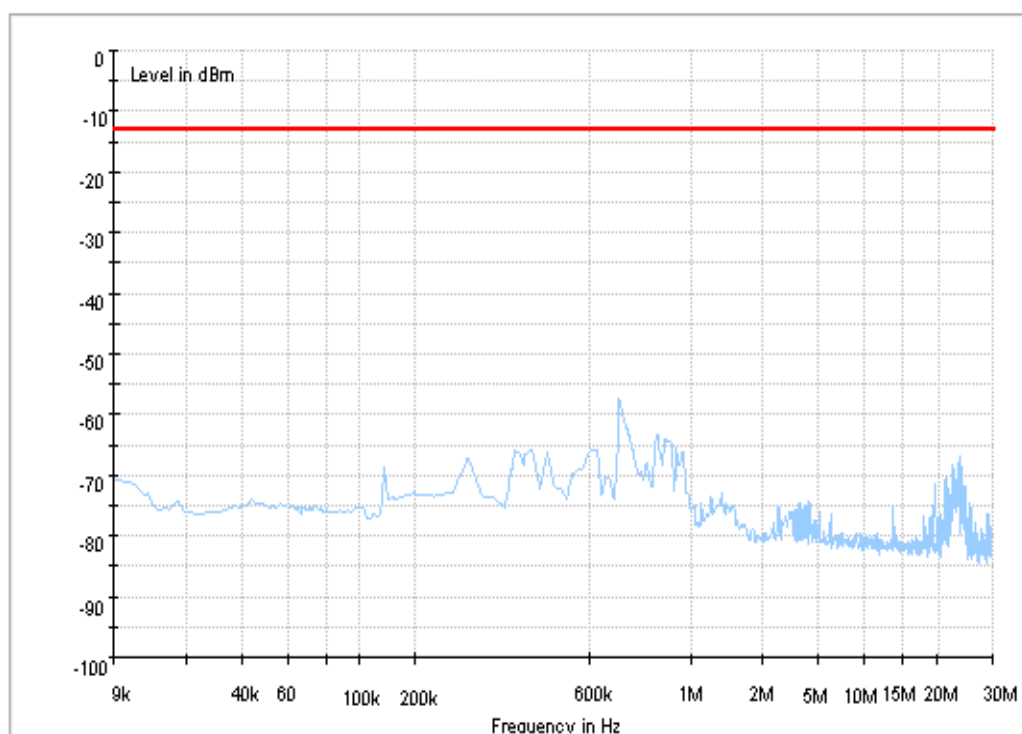


Copy of FCC PART22 GSM850_H

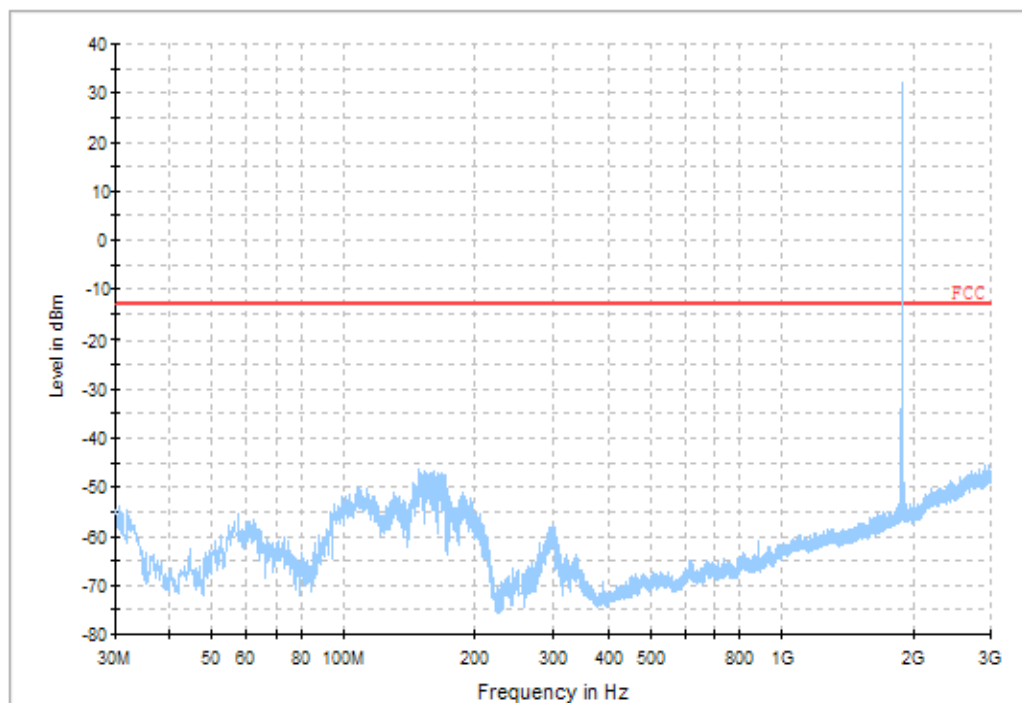


7.1.2 Test Band = GSM1900

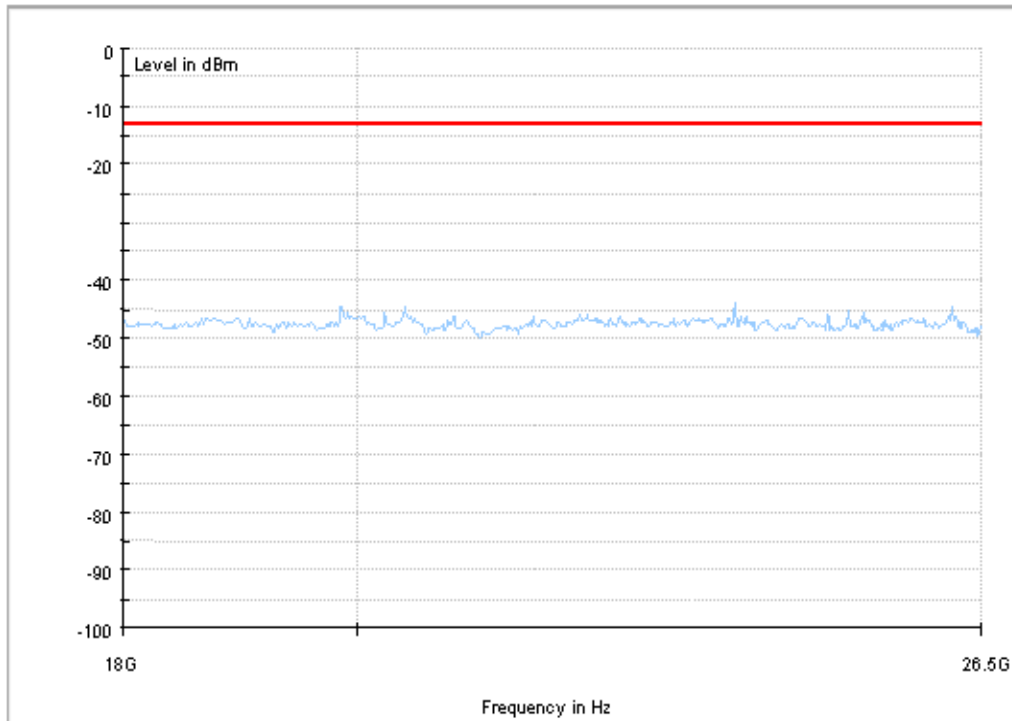
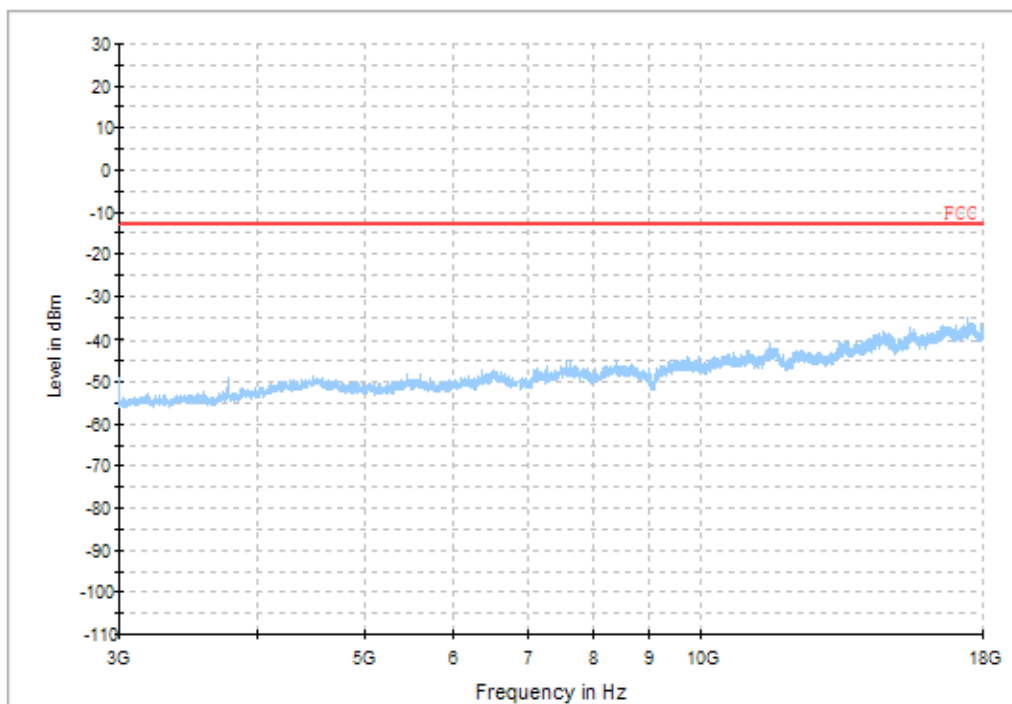
7.1.2.1 Test Mode = GSM/TM1



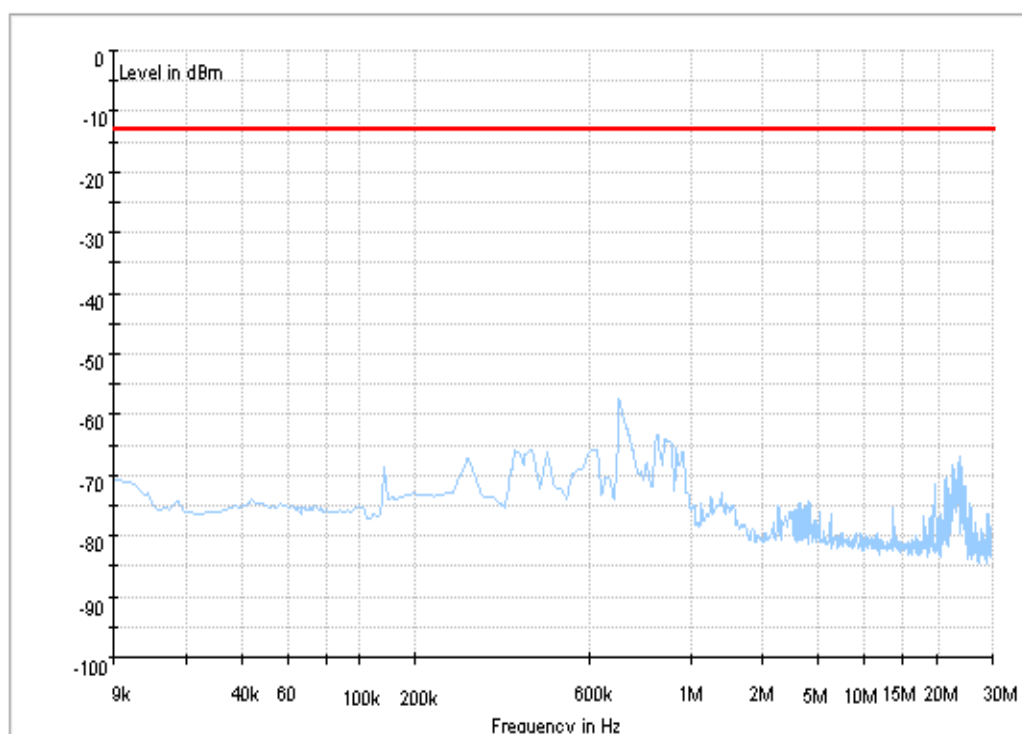
Copy of FCC PART24 GSM1900_L



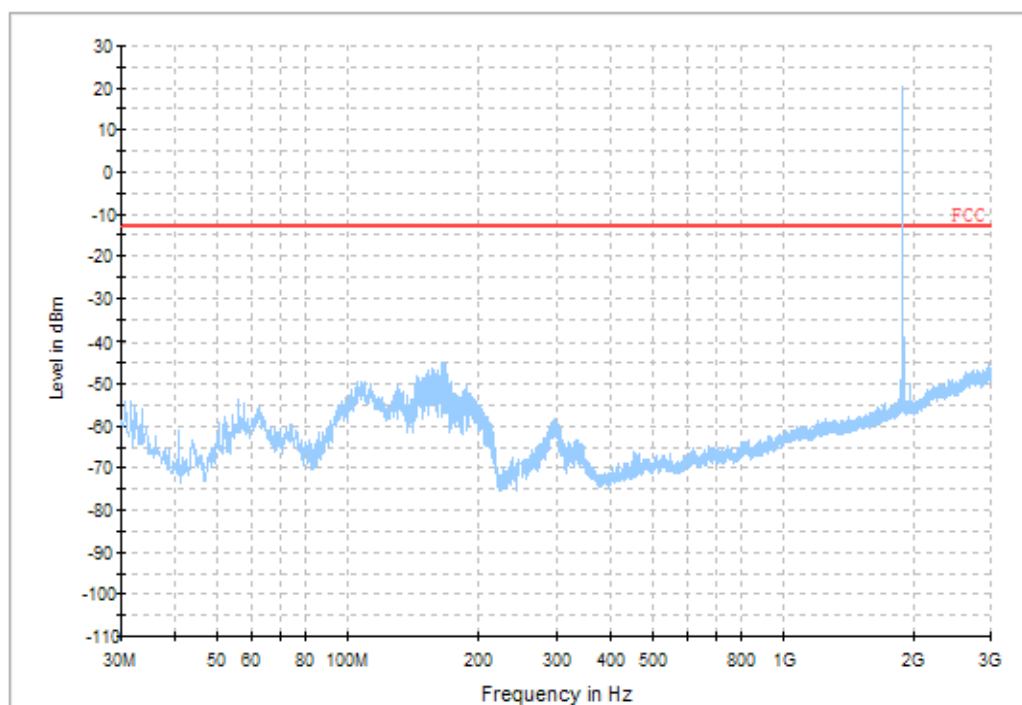
Copy of FCC PART24 GSM1900_H



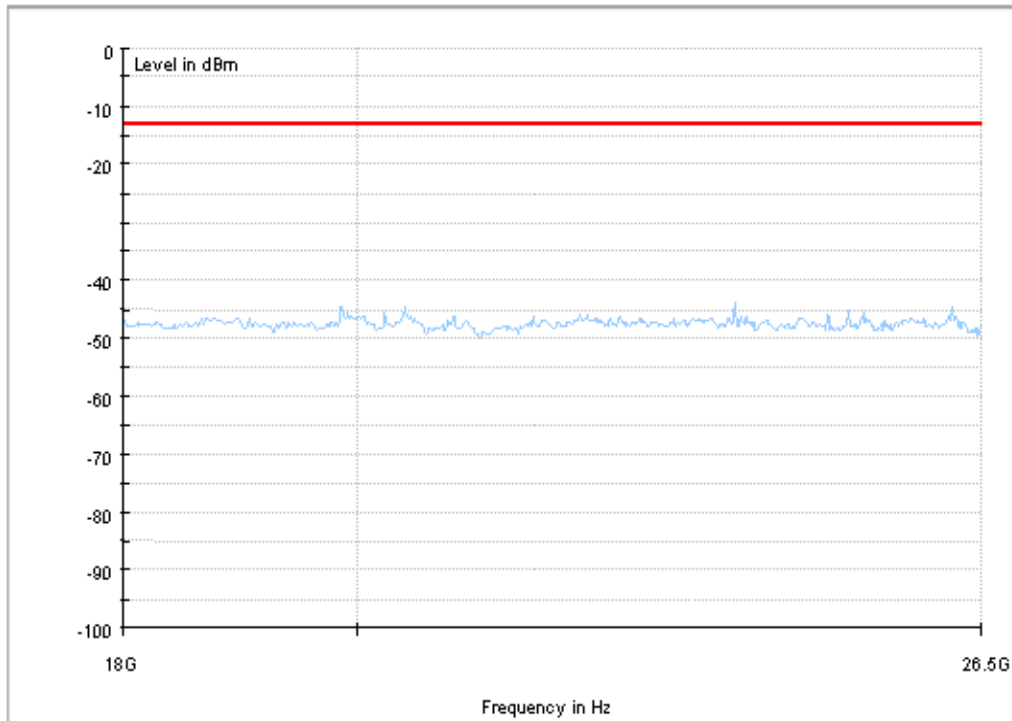
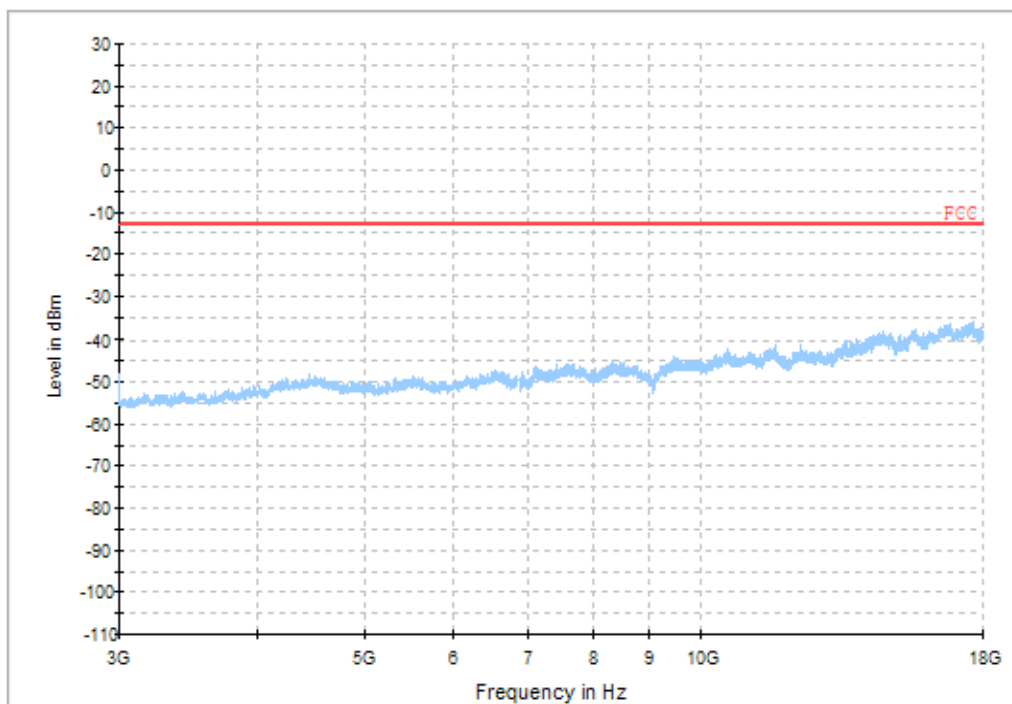
7.1.2.2 Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900_L



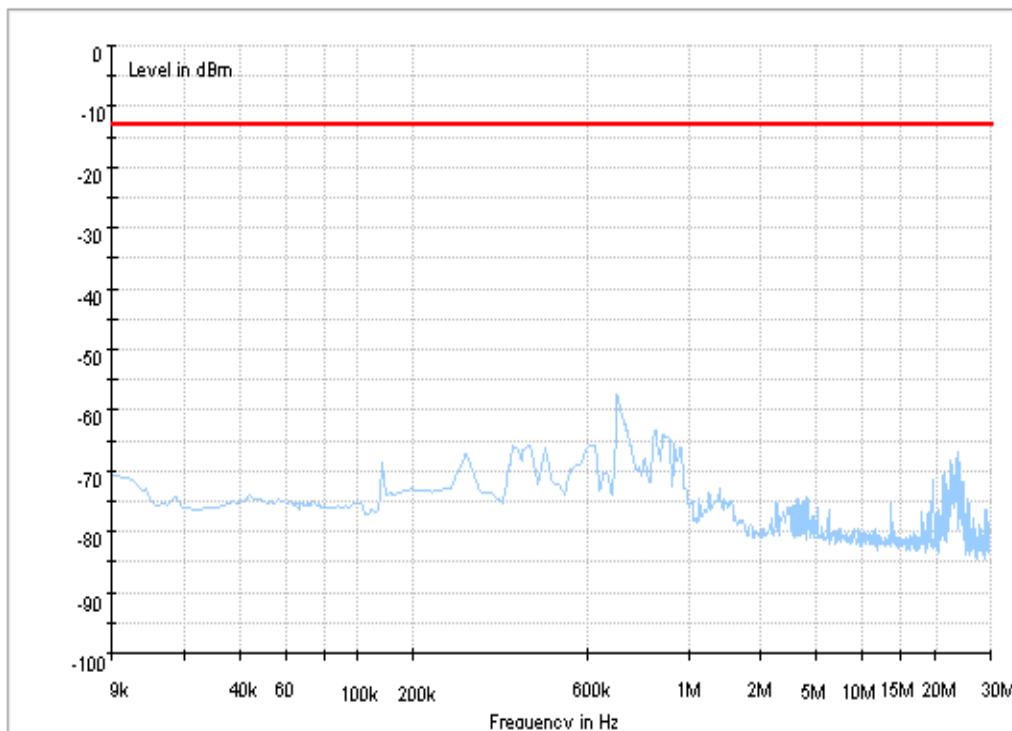
Copy of FCC PART24 GSM1900_H



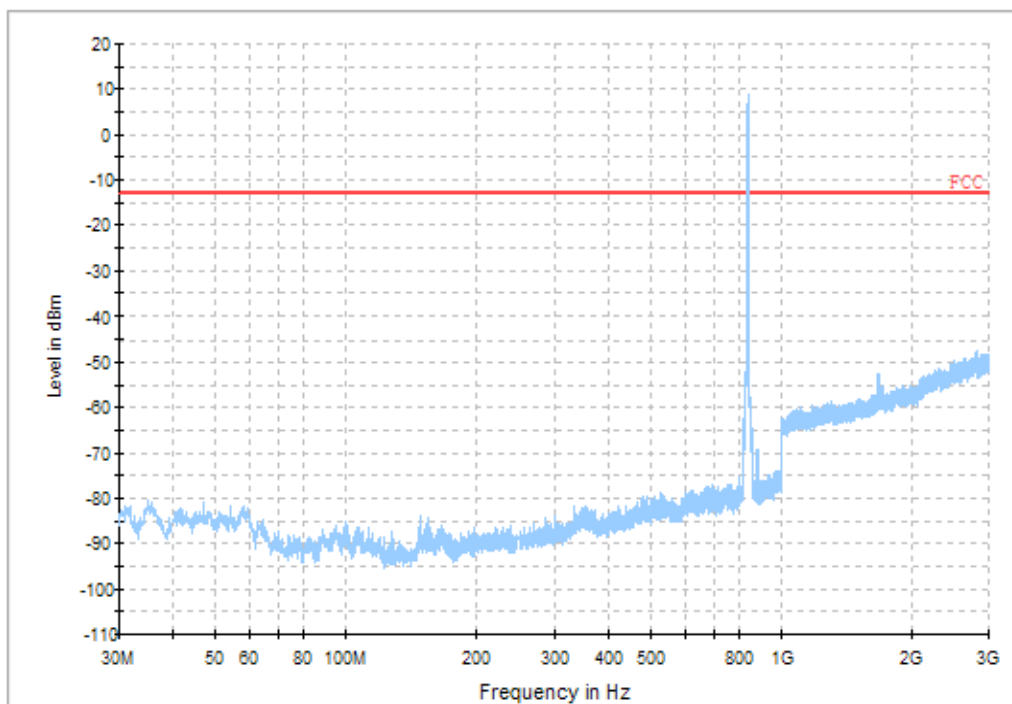
7.2 For UMTS

7.2.1 Test Band = WCDMA850

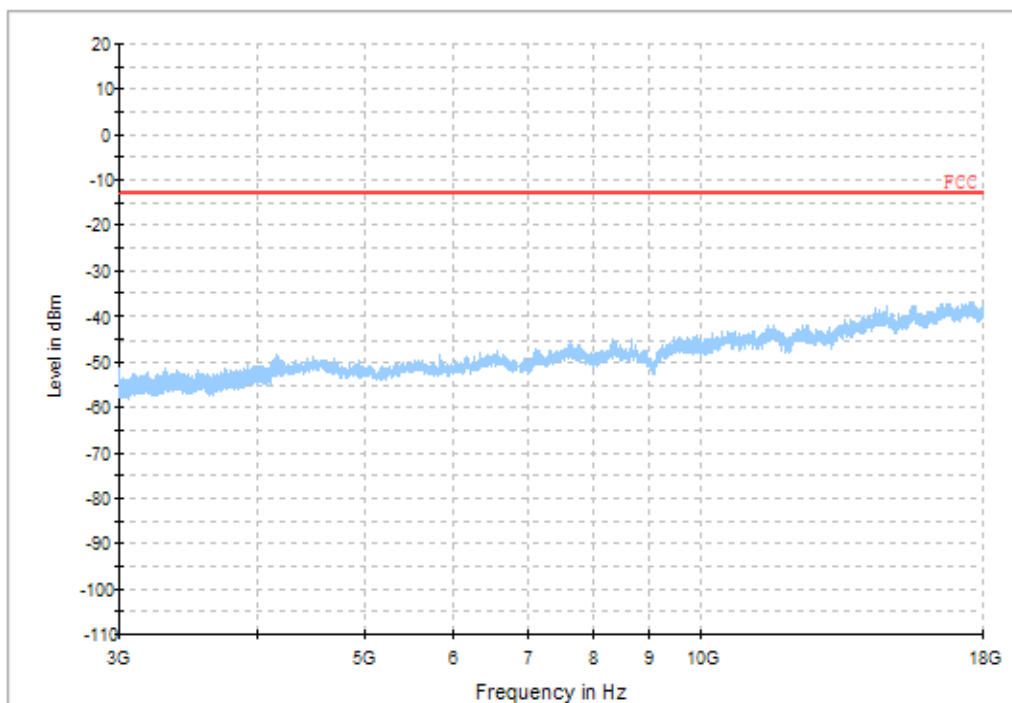
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

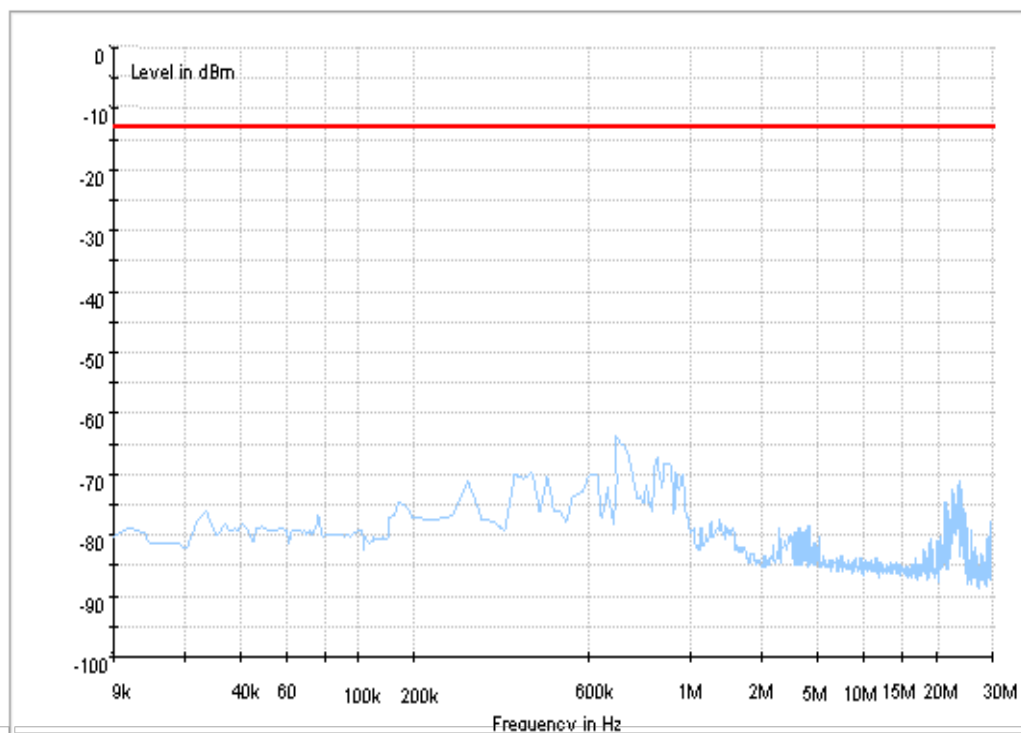


Copy of FCC PART22 WCDMA850_H

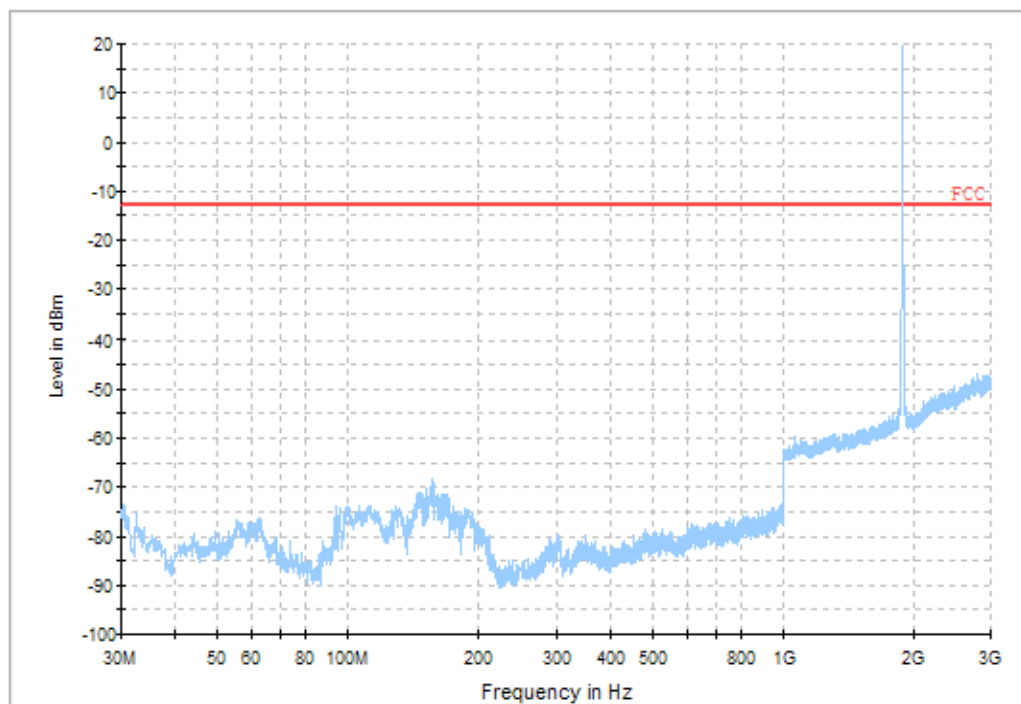


7.2.2 Test Band = WCDMA1900

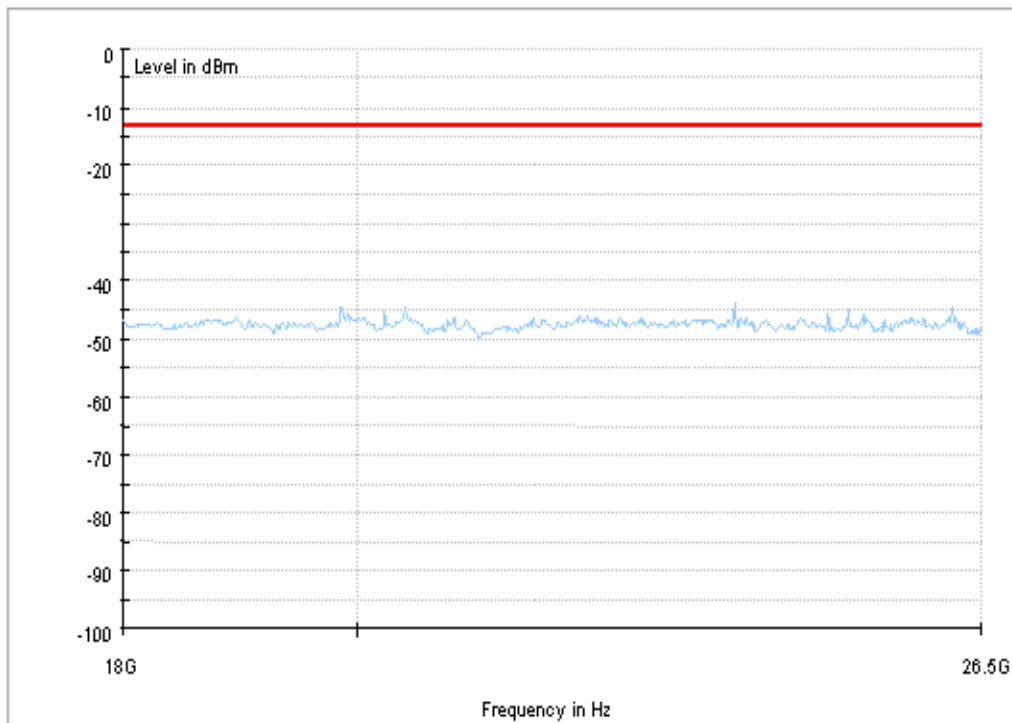
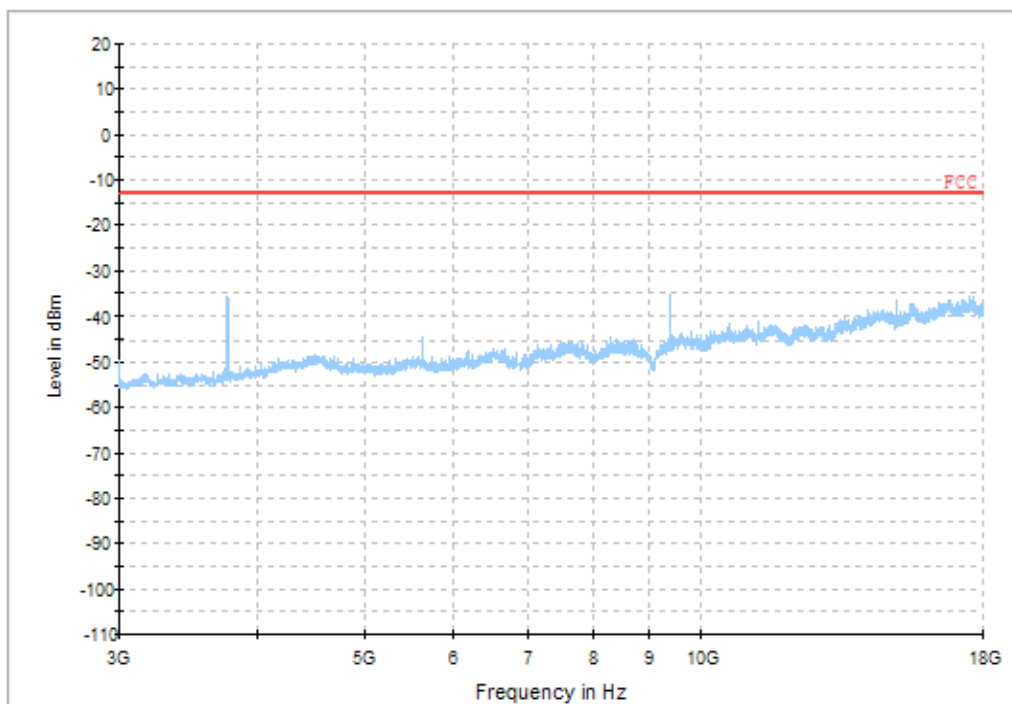
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L

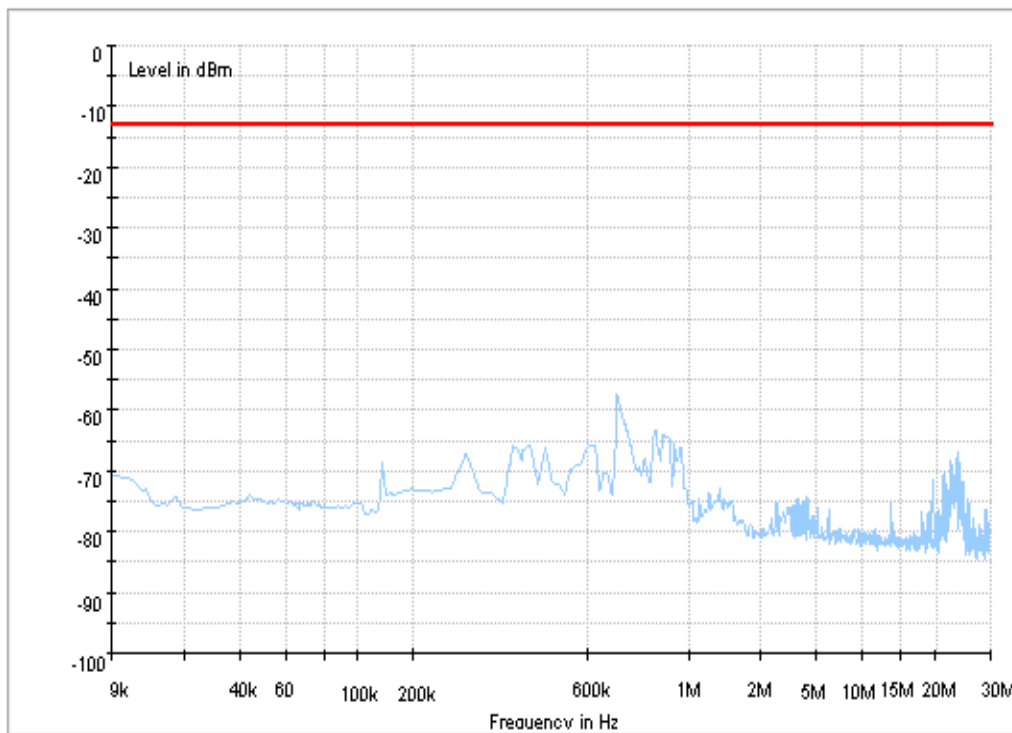


Copy of FCC PART24 WCDMA1900_H

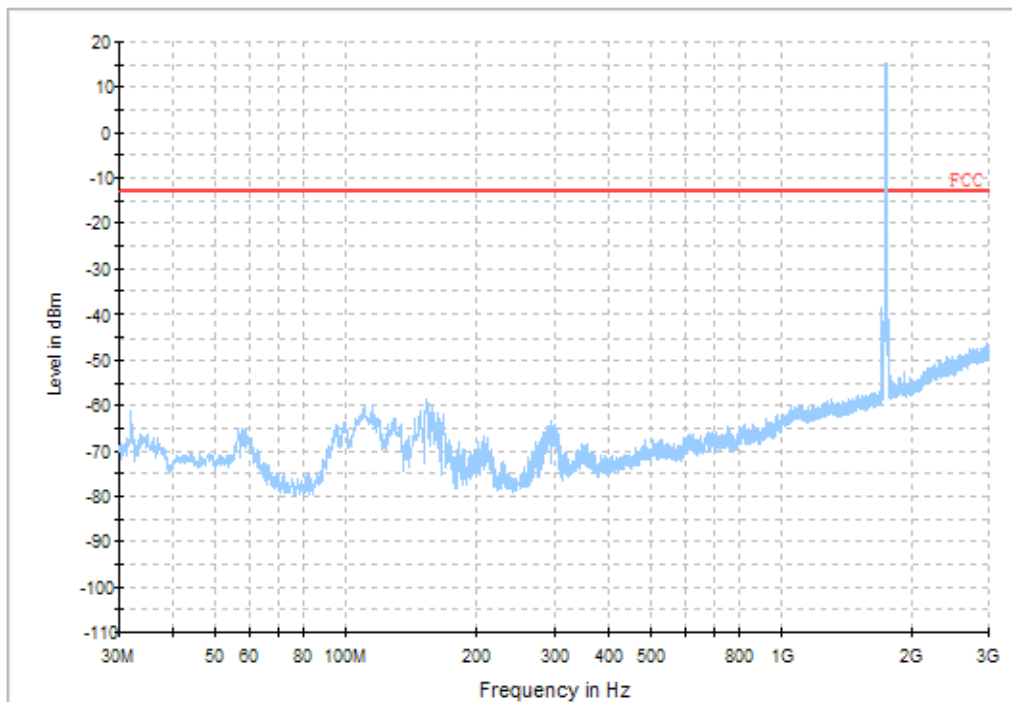


7.2.3 Test Band = WCDMA1700

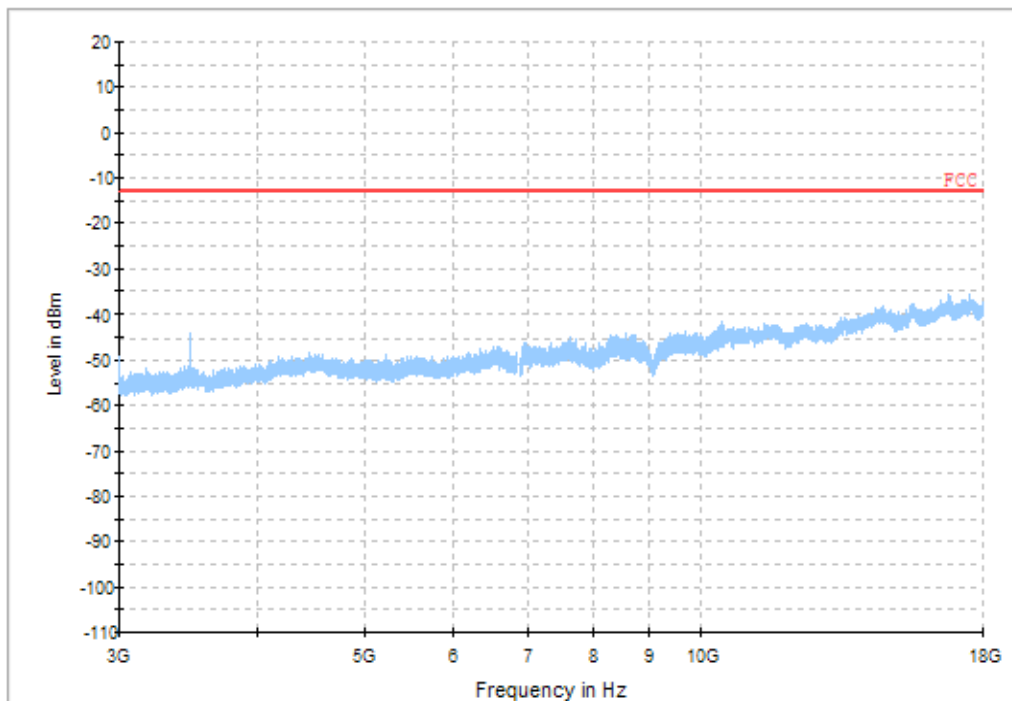
7.2.3.1 Test Mode = UMTS/TM1



Copy of FCC PART27 WCDMA1700_L



Copy of FCC PART27 WCDMA1700_H



8Appendix_H: Frequency Stability

8.1 For GSM

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	-4.52	-0.00548	PASS
				VN	0.06	0.00007	PASS
				VH	-4.2	-0.0051	PASS
		MCH	TN	VL	-6.13	-0.00733	PASS
				VN	-4.97	-0.00594	PASS
				VH	-5.42	-0.00648	PASS
		HCH	TN	VL	-5.49	-0.00647	PASS
				VN	-7.62	-0.00898	PASS
				VH	-11.69	-0.01377	PASS
	GSM/TM2	LCH	TN	VL	0.26	0.00032	PASS
				VN	-5.36	-0.0065	PASS
				VH	-1.52	-0.00184	PASS
		MCH	TN	VL	-3.16	-0.00378	PASS
				VN	-6.88	-0.00822	PASS
				VH	-2.65	-0.00317	PASS
		HCH	TN	VL	1.36	0.0016	PASS
				VN	0.68	0.0008	PASS
				VH	1.61	0.0019	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-16.01	-0.00865	PASS
				VN	-4.07	-0.0022	PASS
				VH	-8.27	-0.00447	PASS
		MCH	TN	VL	19.95	0.01061	PASS
				VN	8.65	0.0046	PASS
				VH	9.81	0.00522	PASS
		HCH	TN	VL	-9.62	-0.00504	PASS
				VN	-7.49	-0.00392	PASS
				VH	0.19	0.0001	PASS
	GSM/TM2	LCH	TN	VL	0.65	0.00035	PASS
				VN	-0.32	-0.00017	PASS
				VH	-14.43	-0.0078	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	-10.91	-0.0058	PASS
				VN	29.22	0.01554	PASS
				VH	8.27	0.0044	PASS
		HCH	TN	VL	16.98	0.00889	PASS
				VN	-8.39	-0.00439	PASS
				VH	-5.88	-0.00308	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
GSM850	GSM/TM1	LCH	VN	-30	-5.49	-0.00666	PASS
				-20	-8.01	-0.00972	PASS
				-10	-6.52	-0.00791	PASS
				0	-3.16	-0.00383	PASS
				10	-8.78	-0.01065	PASS
				20	-4.46	-0.00541	PASS
				30	0.77	0.00093	PASS
				40	-5.17	-0.00627	PASS
				50	-1.36	-0.00165	PASS
		MCH	VN	-30	1.68	0.00201	PASS
				-20	0.19	0.00023	PASS
				-10	-3.87	-0.00463	PASS
				0	-6.26	-0.00748	PASS
				10	-6.01	-0.00718	PASS
				20	3.42	0.00409	PASS
				30	-5.42	-0.00648	PASS
				40	-5.75	-0.00687	PASS
				50	-2.13	-0.00255	PASS
		HCH	VN	-30	-6.52	-0.00768	PASS
				-20	-1.36	-0.0016	PASS
				-10	-7.75	-0.00913	PASS
				0	-2.58	-0.00304	PASS
				10	-3.68	-0.00434	PASS
				20	-5.42	-0.00639	PASS
				30	-10.85	-0.01278	PASS
				40	-10.14	-0.01195	PASS
				50	-8.91	-0.0105	PASS
	GSM/TM2	LCH	VN	-30	-2.03	-0.00246	PASS
				-20	-4.84	-0.00587	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-10	4.71	0.00571	PASS
				0	-13.53	-0.01642	PASS
				10	-7.36	-0.00893	PASS
				20	-0.77	-0.00093	PASS
				30	2.1	0.00255	PASS
				40	-8.68	-0.01053	PASS
				50	-8.52	-0.01034	PASS
		MCH	VN	-30	-13.56	-0.01621	PASS
				-20	-7.88	-0.00942	PASS
				-10	-0.23	-0.00027	PASS
				0	-3.84	-0.00459	PASS
				10	-7.72	-0.00923	PASS
				20	-5.33	-0.00637	PASS
				30	-6.26	-0.00748	PASS
				40	-9.33	-0.01115	PASS
				50	-5.33	-0.00637	PASS
		HCH	VN	-30	0.06	0.00007	PASS
				-20	4.23	0.00498	PASS
				-10	-13.72	-0.01616	PASS
				0	-8.07	-0.00951	PASS
				10	-1	-0.00118	PASS
				20	-1.65	-0.00194	PASS
				30	-9.91	-0.01168	PASS
				40	-5.23	-0.00616	PASS
				50	-1.58	-0.00186	PASS
GSM1900	GSM/TM1	LCH	VN	-30	-0.9	-0.00049	PASS
				-20	-9.62	-0.0052	PASS
				-10	-0.65	-0.00035	PASS
				0	-8.85	-0.00478	PASS
				10	-11.04	-0.00597	PASS
				20	-5.94	-0.00321	PASS
				30	-4.46	-0.00241	PASS
				40	-1.03	-0.00056	PASS
				50	3.23	0.00175	PASS
		MCH	VN	-30	19.31	0.01027	PASS
				-20	16.34	0.00869	PASS
				-10	6.13	0.00326	PASS
				0	7.36	0.00391	PASS
				10	7.55	0.00402	PASS
				20	12.2	0.00649	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				30	19.11	0.01016	PASS
				40	8.2	0.00436	PASS
				50	8.98	0.00478	PASS
		HCH	VN	-30	0.71	0.00037	PASS
				-20	-6.46	-0.00338	PASS
				-10	4.52	0.00237	PASS
				0	-2.45	-0.00128	PASS
				10	4.91	0.00257	PASS
				20	3.1	0.00162	PASS
				30	-0.45	-0.00024	PASS
				40	-9.17	-0.0048	PASS
				50	-2.32	-0.00121	PASS
	GSM/TM2	LCH	VN	-30	0.03	0.00002	PASS
				-20	5.26	0.00284	PASS
				-10	0.23	0.00012	PASS
				0	-2.49	-0.00135	PASS
				10	-1.39	-0.00075	PASS
				20	-11.36	-0.00614	PASS
				30	-7.43	-0.00402	PASS
				40	-11.72	-0.00633	PASS
				50	-5.59	-0.00302	PASS
		MCH	VN	-30	5.07	0.0027	PASS
				-20	16.66	0.00886	PASS
				-10	19.27	0.01025	PASS
				0	-4.52	-0.0024	PASS
				10	4.36	0.00232	PASS
				20	27.35	0.01455	PASS
				30	4.94	0.00263	PASS
				40	12.75	0.00678	PASS
				50	11.33	0.00603	PASS
		HCH	VN	-30	-4.07	-0.00213	PASS
				-20	15.17	0.00794	PASS
				-10	8.2	0.00429	PASS
				0	5.13	0.00269	PASS
				10	14.3	0.00749	PASS
				20	4.94	0.00259	PASS
				30	7.59	0.00397	PASS
				40	-26.64	-0.01395	PASS
				50	-4.75	-0.00249	PASS

8.2 For UMTS

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
WCDMA850	UMTS/TM1	LCH	TN	VL	-0.34	-0.00041	PASS
				VN	1.54	0.00186	PASS
				VH	2.49	0.00301	PASS
		MCH	TN	VL	0.85	0.00102	PASS
				VN	-2.2	-0.00263	PASS
				VH	0.35	0.00042	PASS
		HCH	TN	VL	-1.43	-0.00169	PASS
				VN	-5.05	-0.00597	PASS
				VH	-5.57	-0.00658	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	-0.72	-0.00039	PASS
				VN	-5.17	-0.00279	PASS
				VH	0.64	0.00035	PASS
		MCH	TN	VL	-6.23	-0.00331	PASS
				VN	-6.36	-0.00338	PASS
				VH	-6.64	-0.00353	PASS
		HCH	TN	VL	-7.63	-0.004	PASS
				VN	-5.95	-0.00312	PASS
				VH	-10.1	-0.00529	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	5.63	0.00329	PASS
				VN	5.04	0.00294	PASS
				VH	4.84	0.00283	PASS
		MCH	TN	VL	5	0.00289	PASS
				VN	7.16	0.00413	PASS
				VH	5.62	0.00324	PASS
		HCH	TN	VL	-15.38	-0.00878	PASS
				VN	-10.94	-0.00624	PASS
				VH	-13	-0.00742	PASS

8.2.2 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	2.5	0.00303	PASS
				-20	1.08	0.00131	PASS
				-10	-0.08	-0.0001	PASS
				0	2.53	0.00306	PASS
				10	1.21	0.00146	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				20	1.4	0.00169	PASS
				30	2.46	0.00298	PASS
				40	1.14	0.00138	PASS
				50	2.98	0.00361	PASS
		MCH	VN	-30	0.02	0.00002	PASS
				-20	1.83	0.00219	PASS
				-10	-1.62	-0.00194	PASS
				0	-2.67	-0.00319	PASS
				10	-1.54	-0.00184	PASS
				20	0.55	0.00066	PASS
				30	-0.89	-0.00106	PASS
				40	0.7	0.00084	PASS
				50	0.67	0.0008	PASS
		HCH	VN	-30	-0.75	-0.00089	PASS
				-20	-2.67	-0.00315	PASS
				-10	-1.01	-0.00119	PASS
				0	-4.24	-0.00501	PASS
				10	-0.29	-0.00034	PASS
				20	-0.02	-0.00002	PASS
				30	0.32	0.00038	PASS
				40	1.08	0.00128	PASS
				50	-1.97	-0.00233	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	-4.2	-0.00227	PASS
				-20	-6.12	-0.0033	PASS
				-10	-4.23	-0.00228	PASS
				0	-3.39	-0.00183	PASS
				10	-7.16	-0.00387	PASS
				20	-4.9	-0.00265	PASS
				30	-3.49	-0.00188	PASS
				40	-0.78	-0.00042	PASS
				50	-1.65	-0.00089	PASS
		MCH	VN	-30	-5.58	-0.00297	PASS
				-20	-3.14	-0.00167	PASS
				-10	-5.92	-0.00315	PASS
				0	-4.15	-0.00221	PASS
				10	-5.65	-0.00301	PASS
				20	-7.22	-0.00384	PASS
				30	-7.1	-0.00378	PASS
				40	-2.76	-0.00147	PASS
				50	-3.37	-0.00179	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	-10.18	-0.00534	PASS
				-20	-5.84	-0.00306	PASS
				-10	-9.14	-0.00479	PASS
				0	-6.85	-0.00359	PASS
				10	-4.32	-0.00226	PASS
				20	-7.92	-0.00415	PASS
				30	-7.22	-0.00378	PASS
				40	-5.55	-0.00291	PASS
				50	-8.77	-0.0046	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	8.8	0.00514	PASS
				-20	3.56	0.00208	PASS
				-10	5.94	0.00347	PASS
				0	7.2	0.0042	PASS
				10	4.29	0.00251	PASS
				20	4.62	0.0027	PASS
				30	6.06	0.00354	PASS
				40	5.34	0.00312	PASS
				50	6.18	0.00361	PASS
		MCH	VN	-30	4.7	0.00271	PASS
				-20	7.97	0.0046	PASS
				-10	4.68	0.0027	PASS
				0	1.51	0.00087	PASS
				10	1.17	0.00068	PASS
				20	5.84	0.00337	PASS
				30	7.08	0.00409	PASS
				40	7.9	0.00456	PASS
				50	6.91	0.00399	PASS
		HCH	VN	-30	-9.29	-0.0053	PASS
				-20	-9.41	-0.00537	PASS
				-10	-10.93	-0.00624	PASS
				0	-9.58	-0.00547	PASS
				10	-10.57	-0.00603	PASS
				20	-10.28	-0.00587	PASS
				30	-10.79	-0.00616	PASS
				40	-11.51	-0.00657	PASS
				50	-11.14	-0.00636	PASS

END