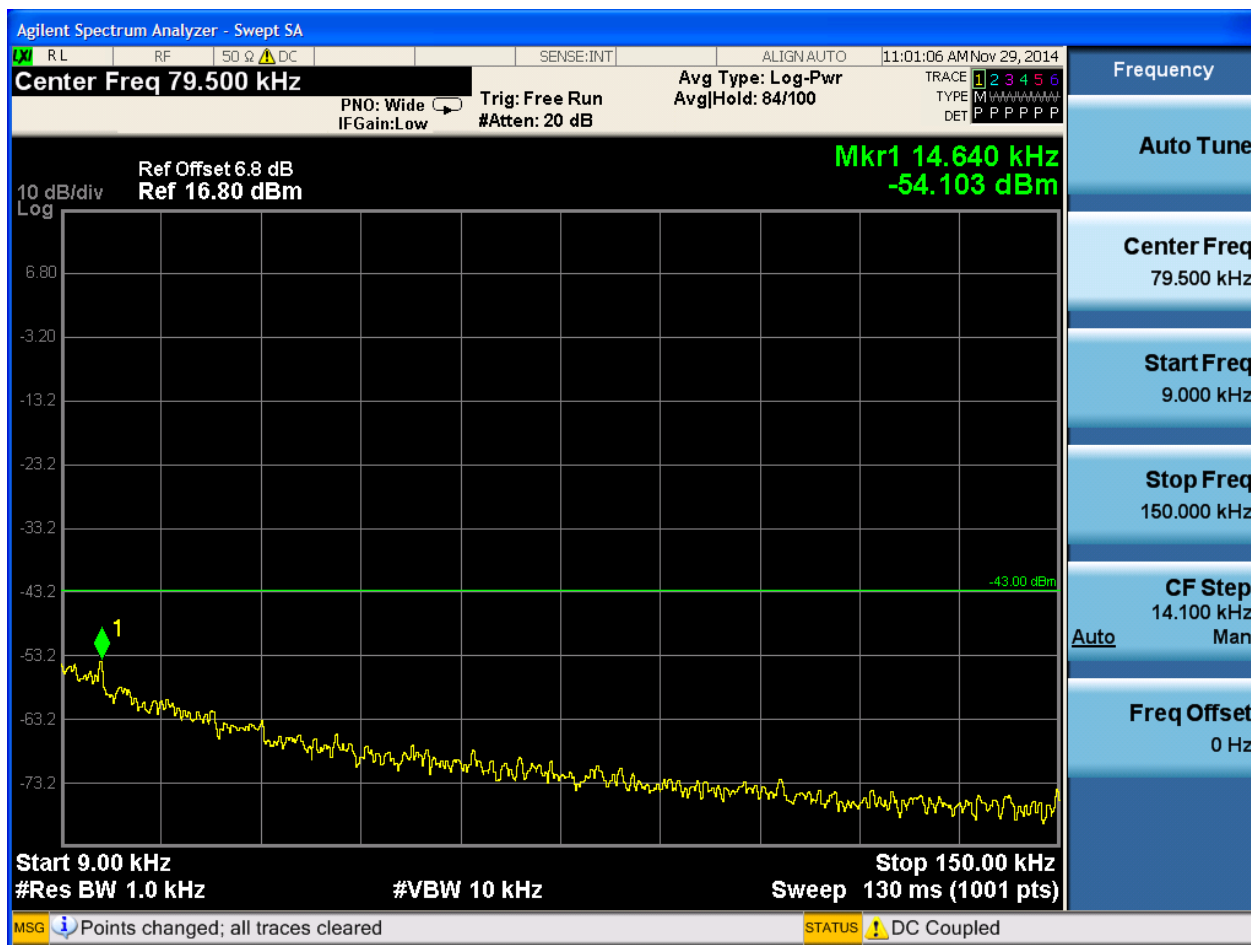
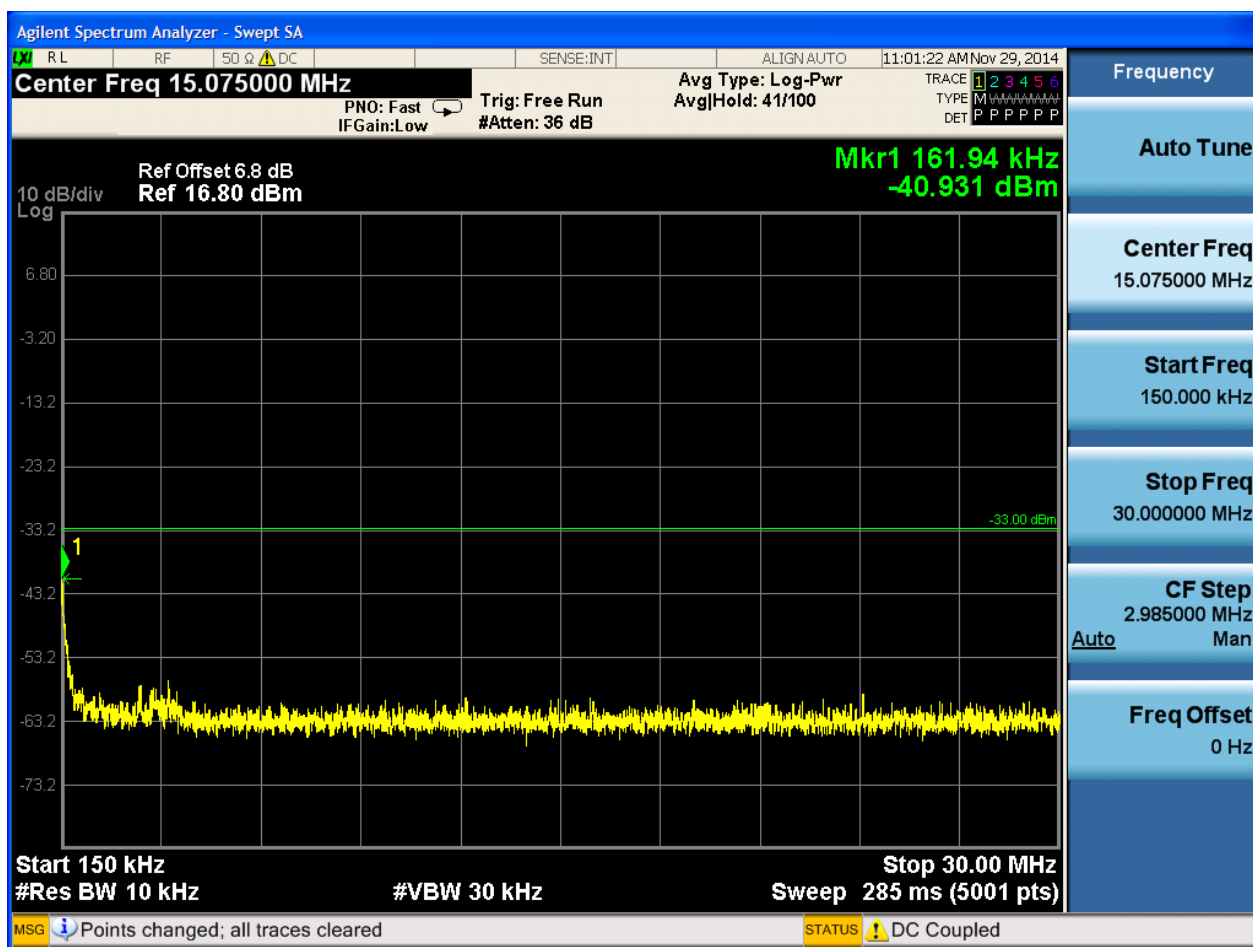
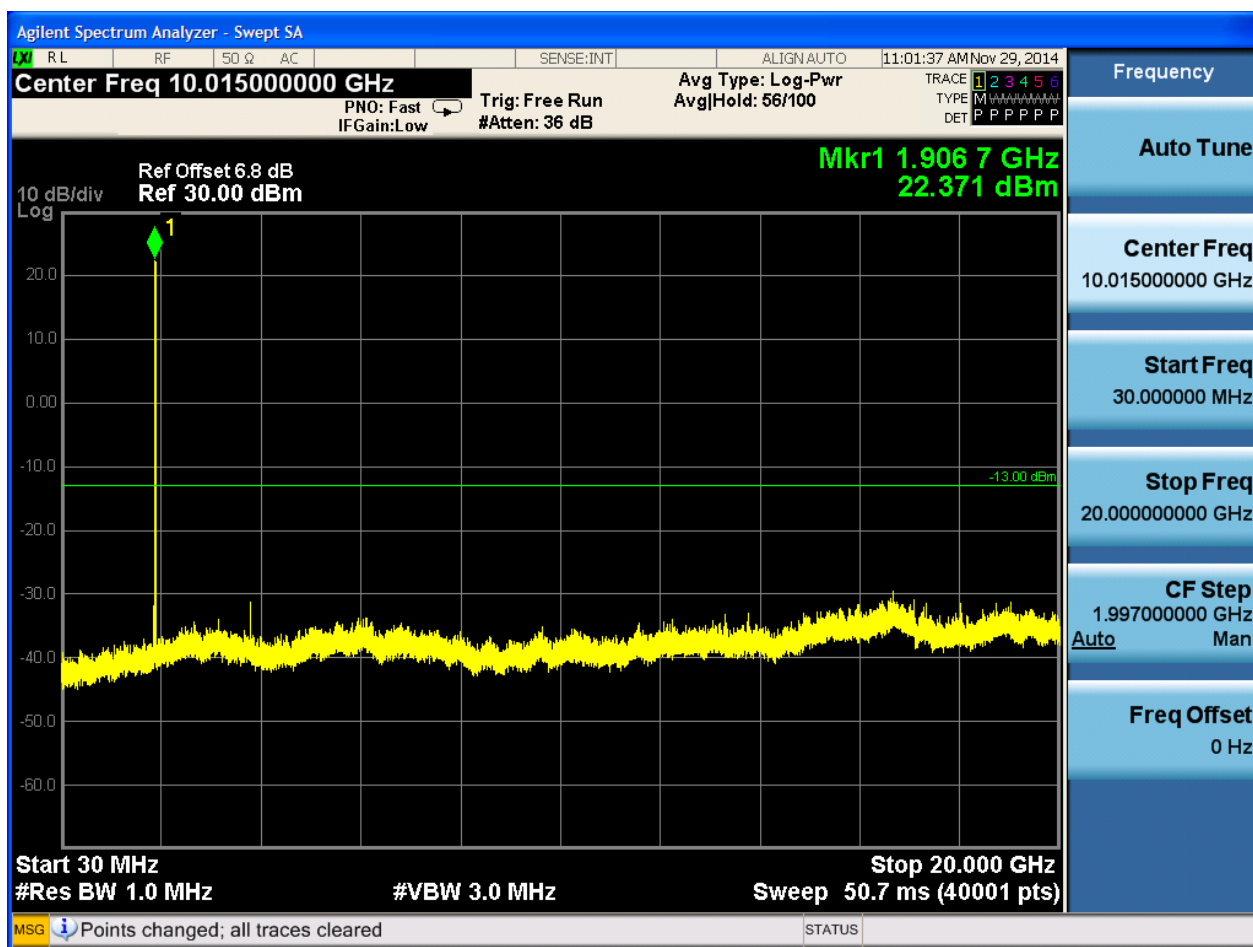


6.2.1.1.3 Test Channel = HCH





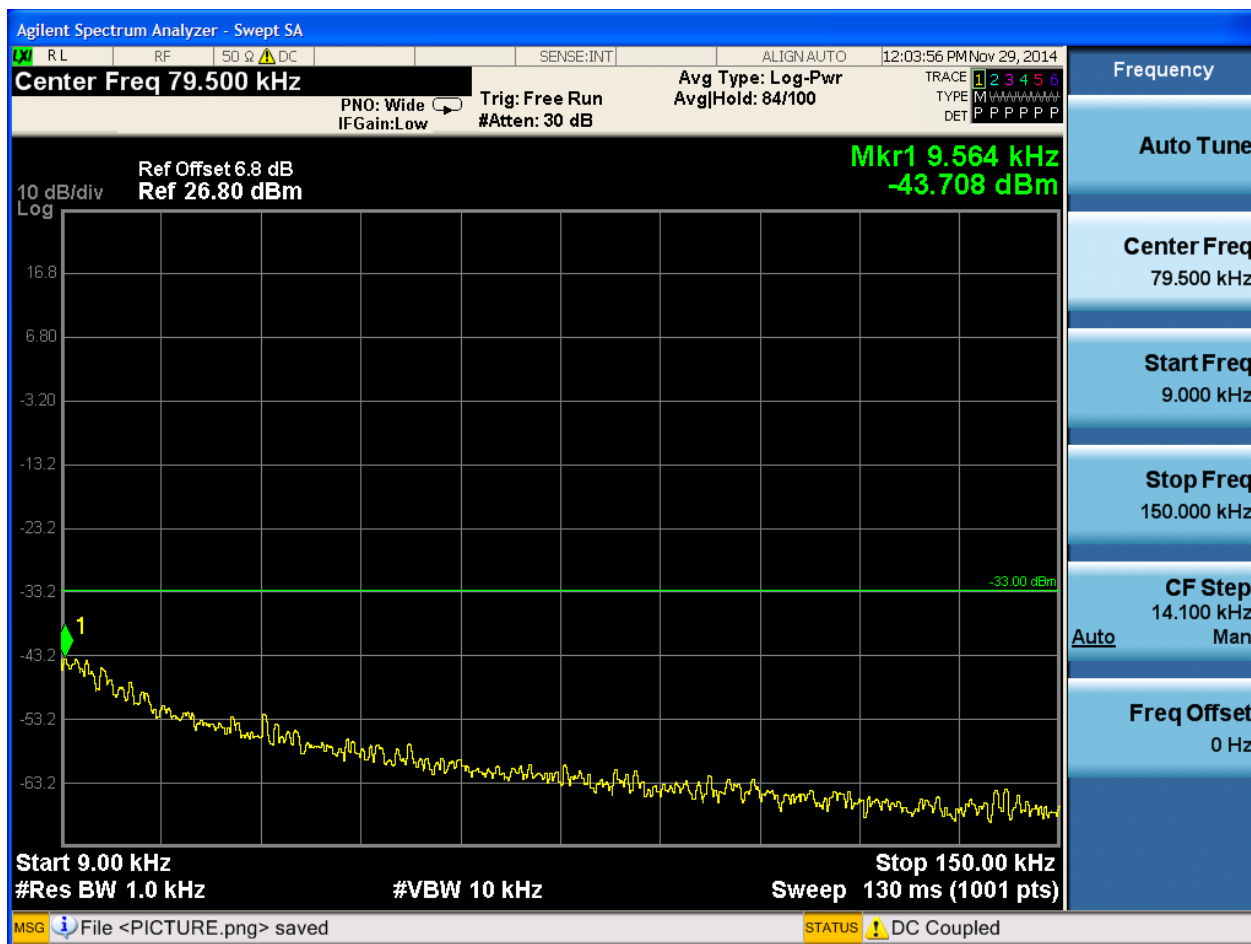


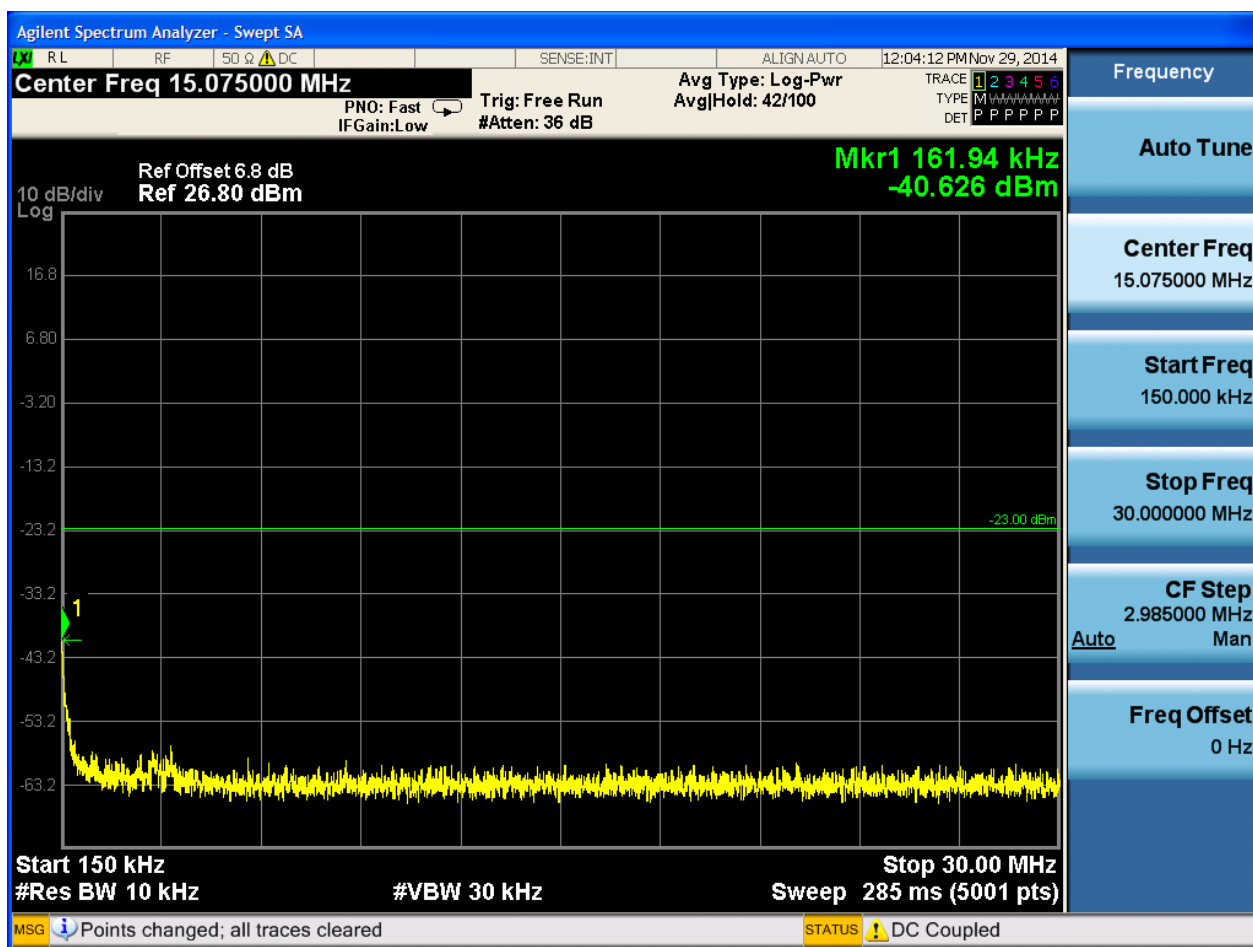


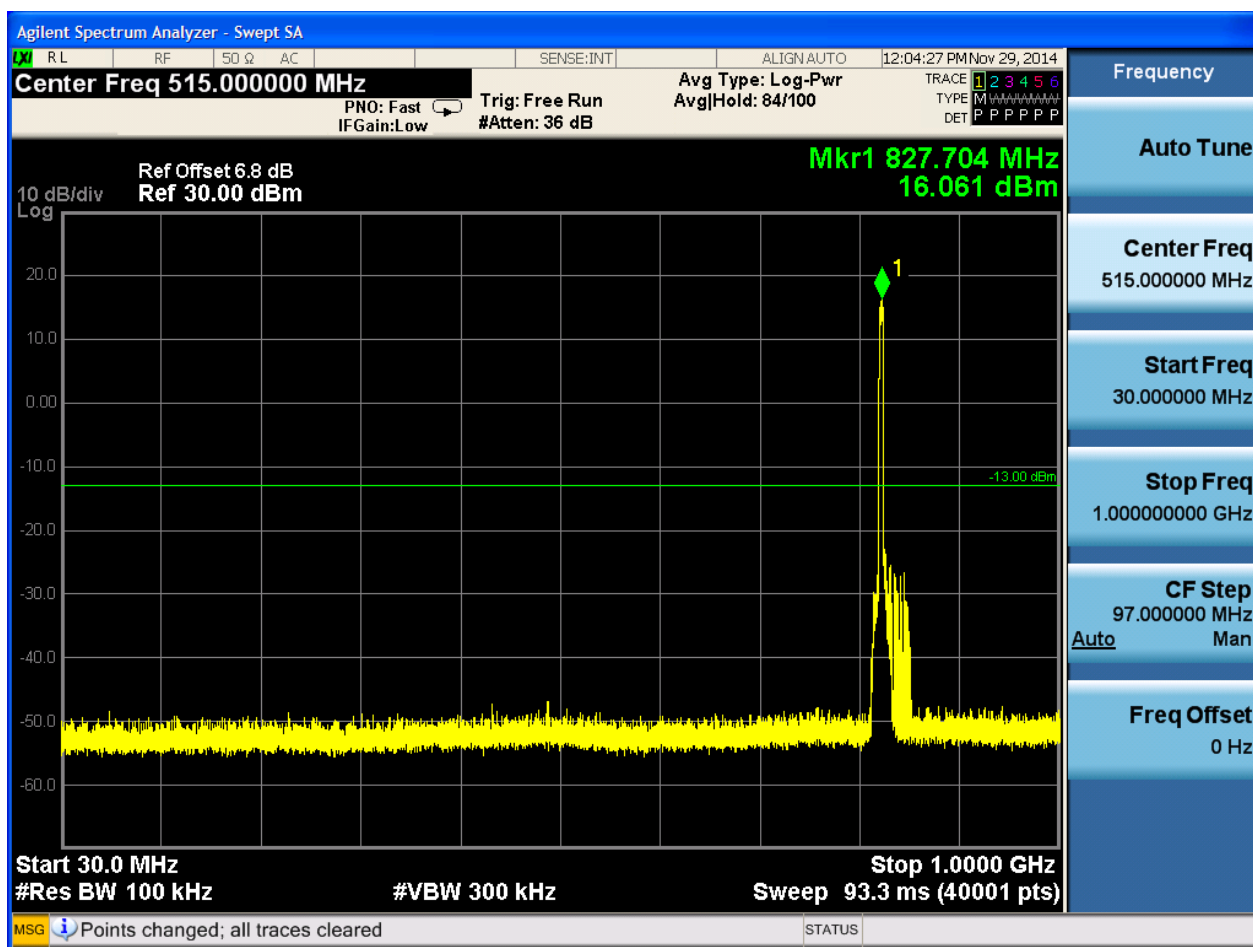
6.2.2 Test Band = WCDMA850

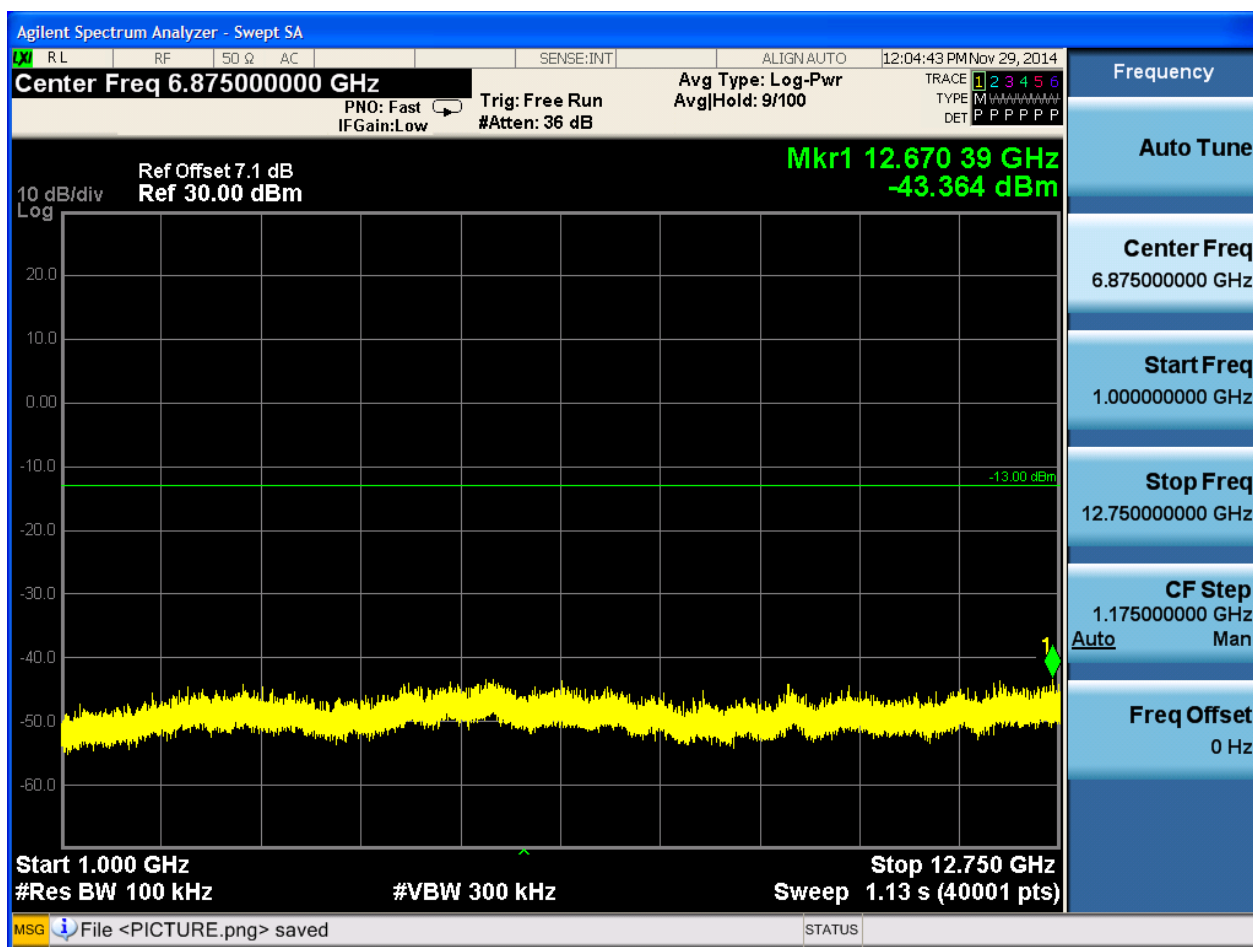
6.2.2.1 Test Mode = UMTS/TM1

6.2.2.1.1 Test Channel = LCH



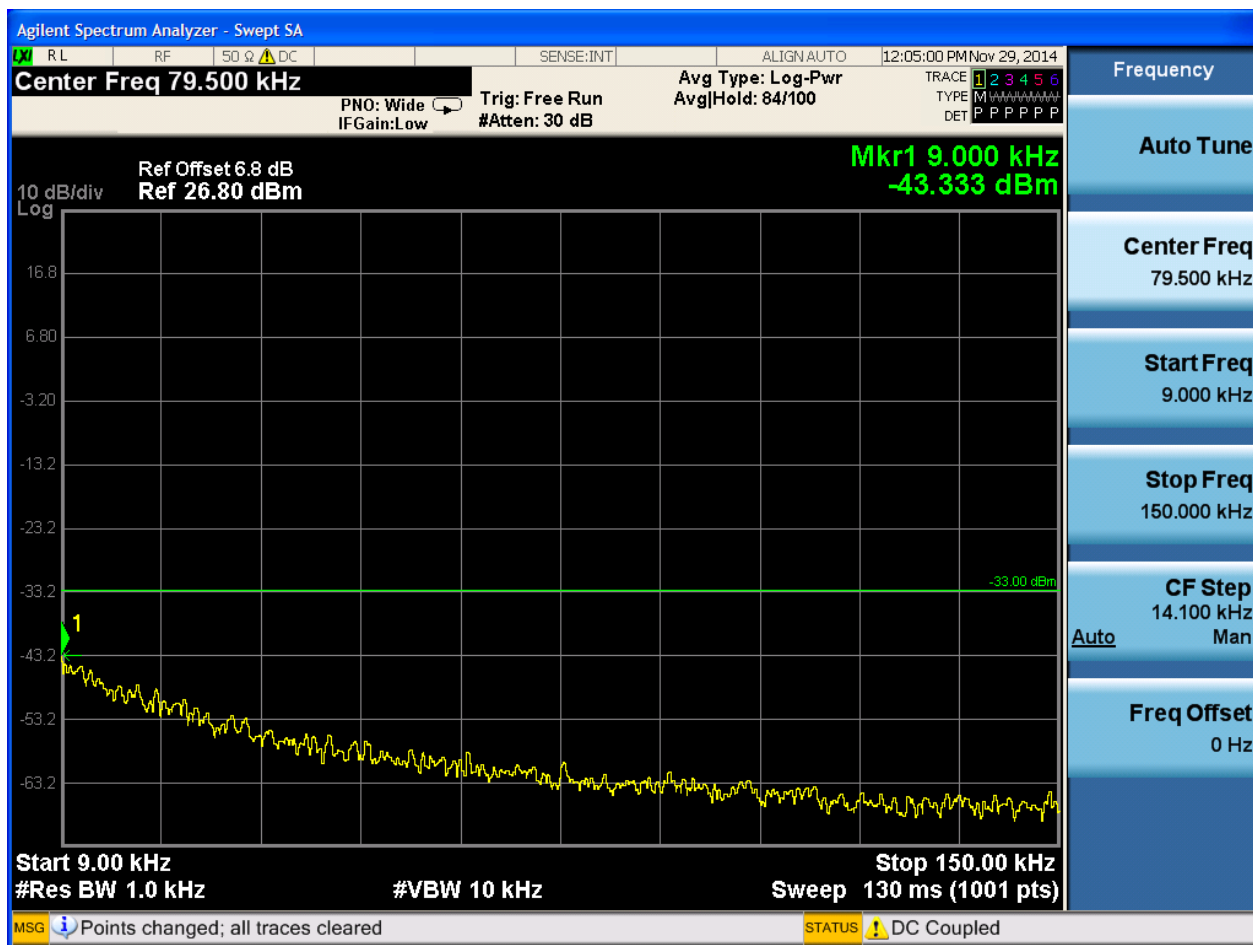


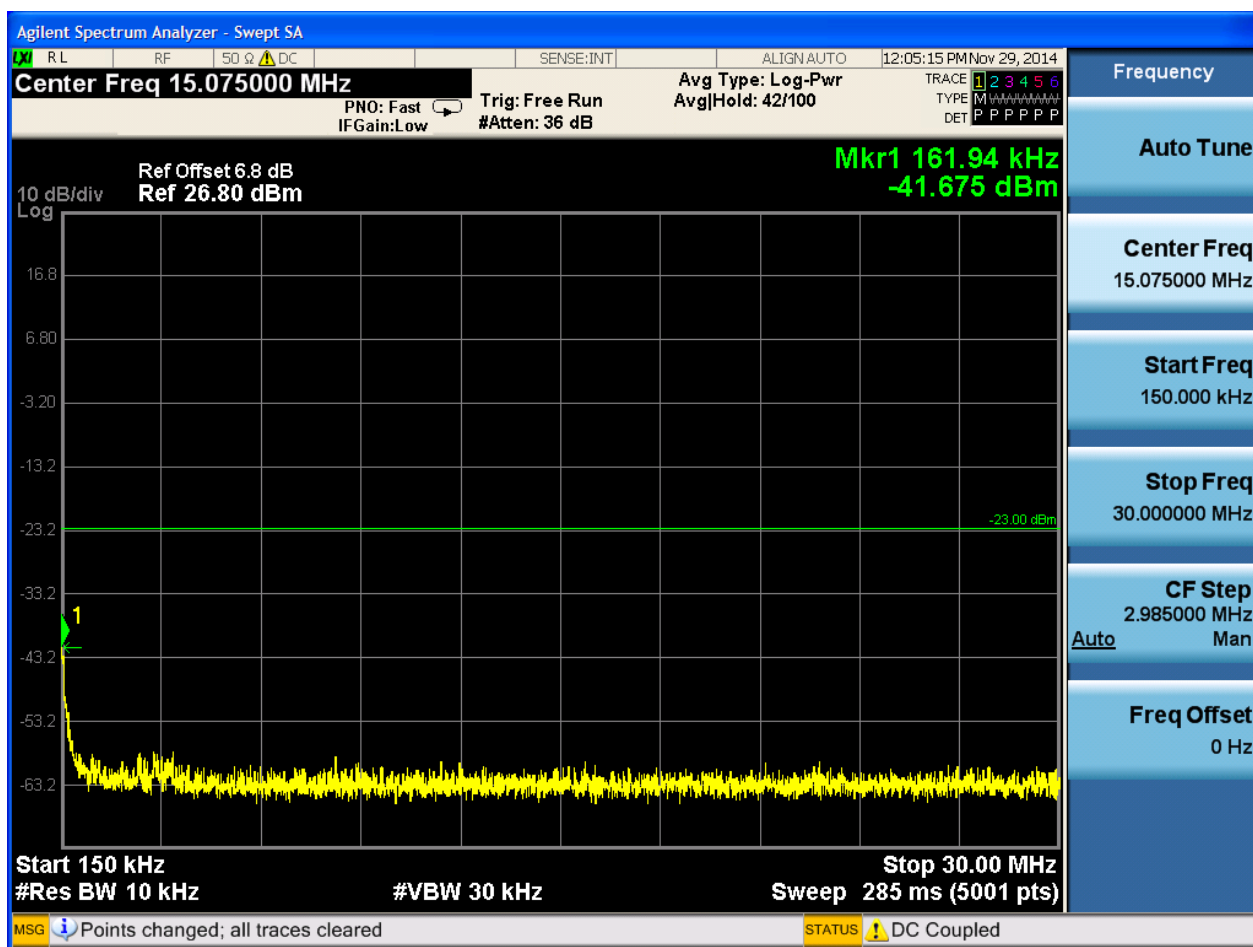


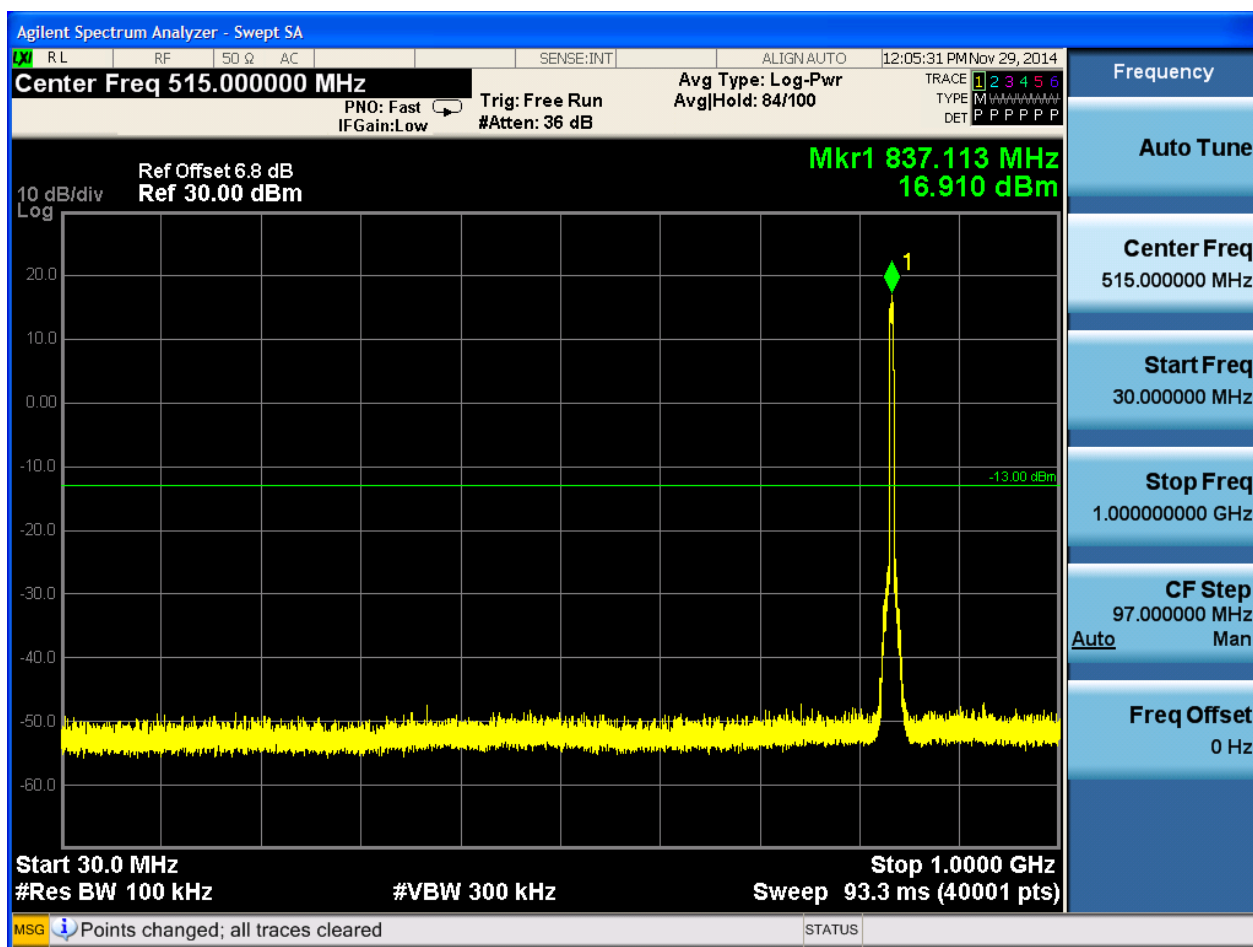


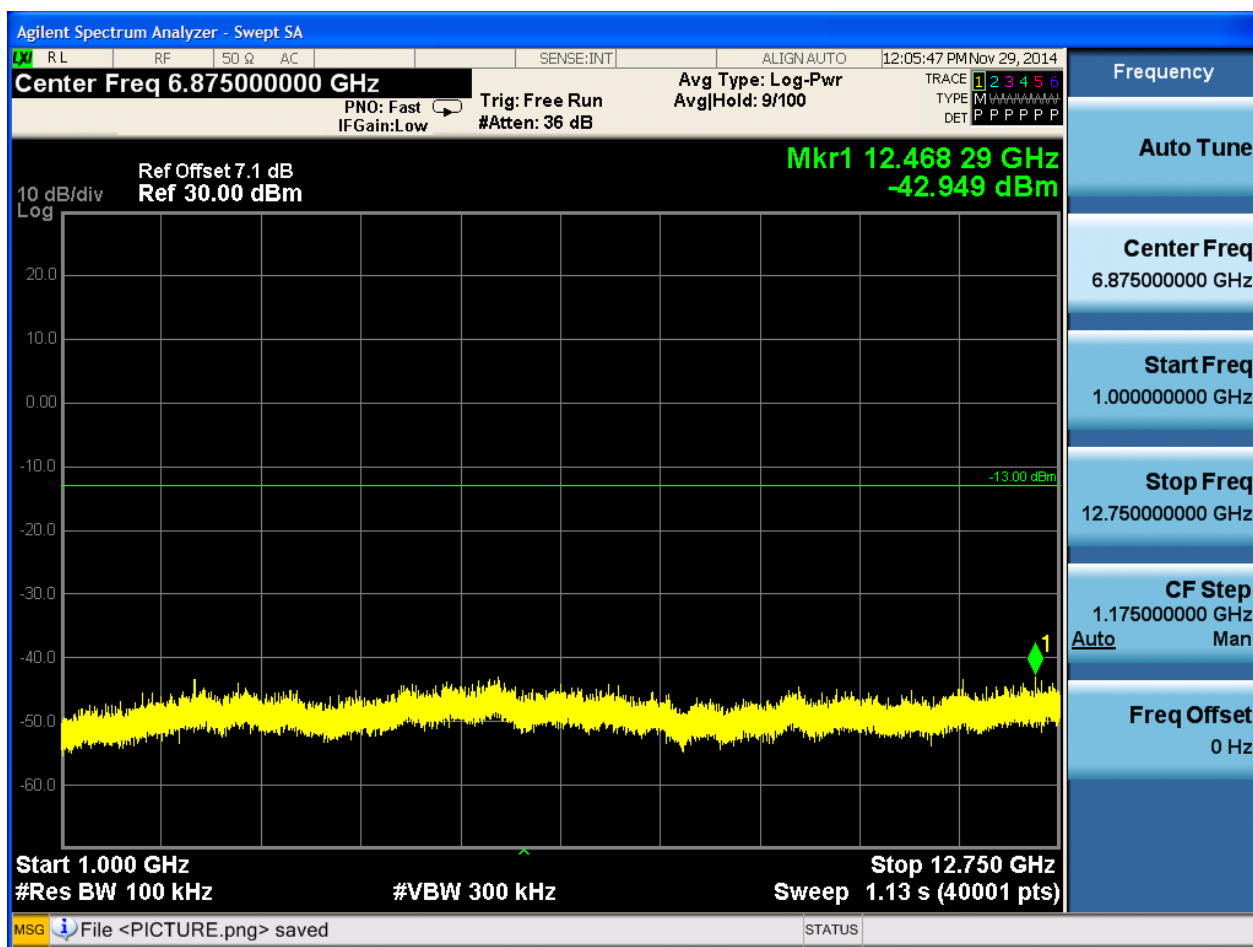


6.2.2.1.2 Test Channel = MCH



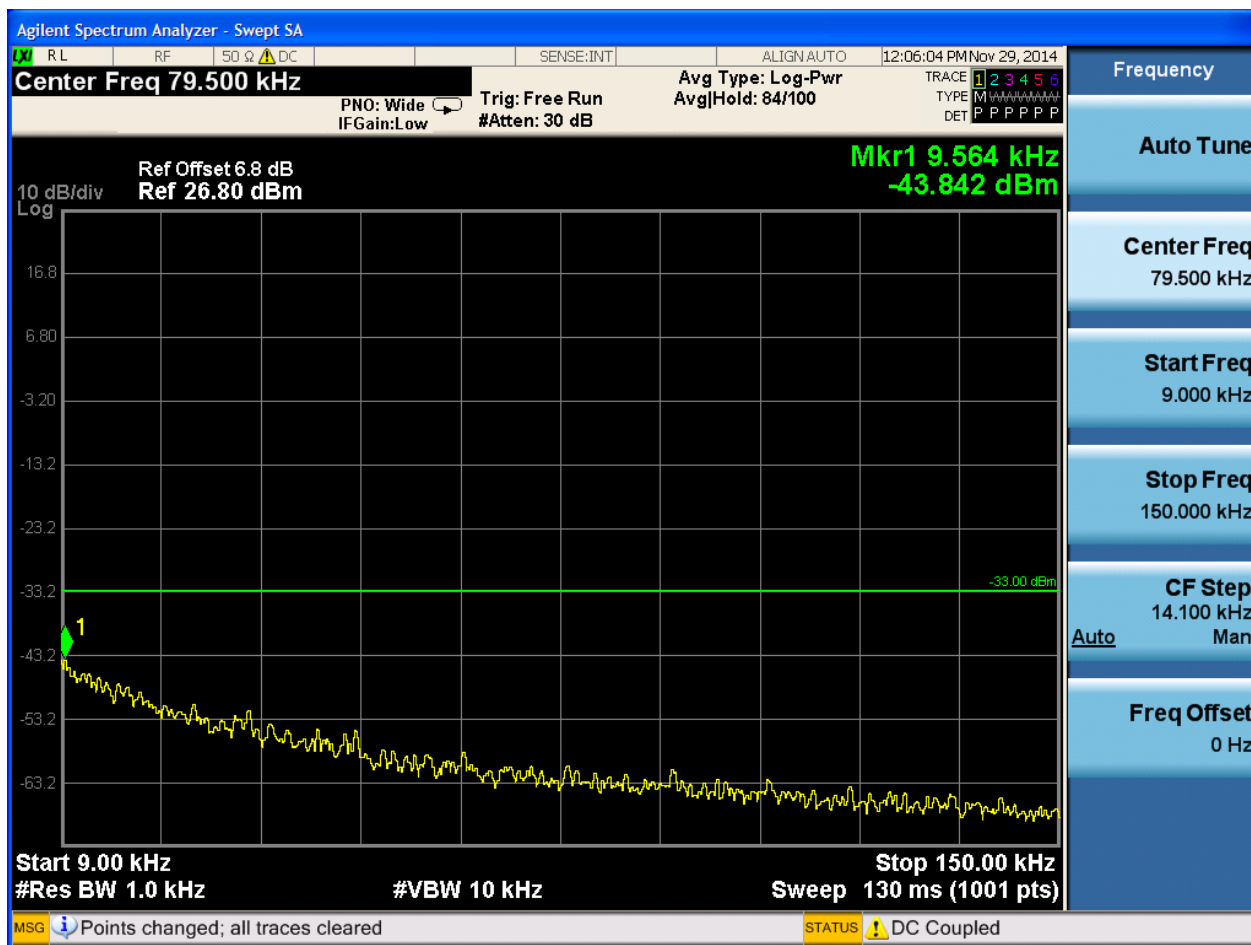


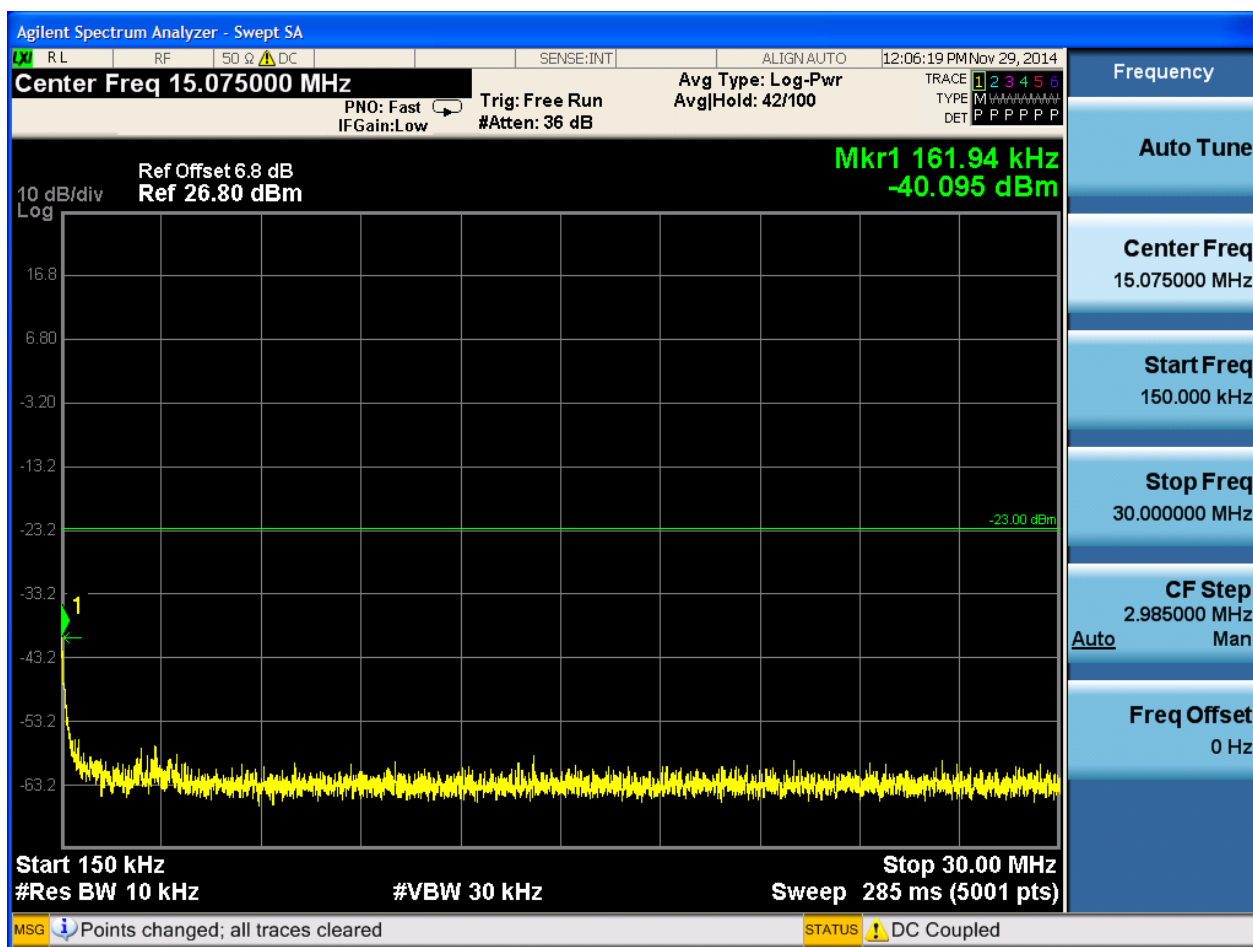


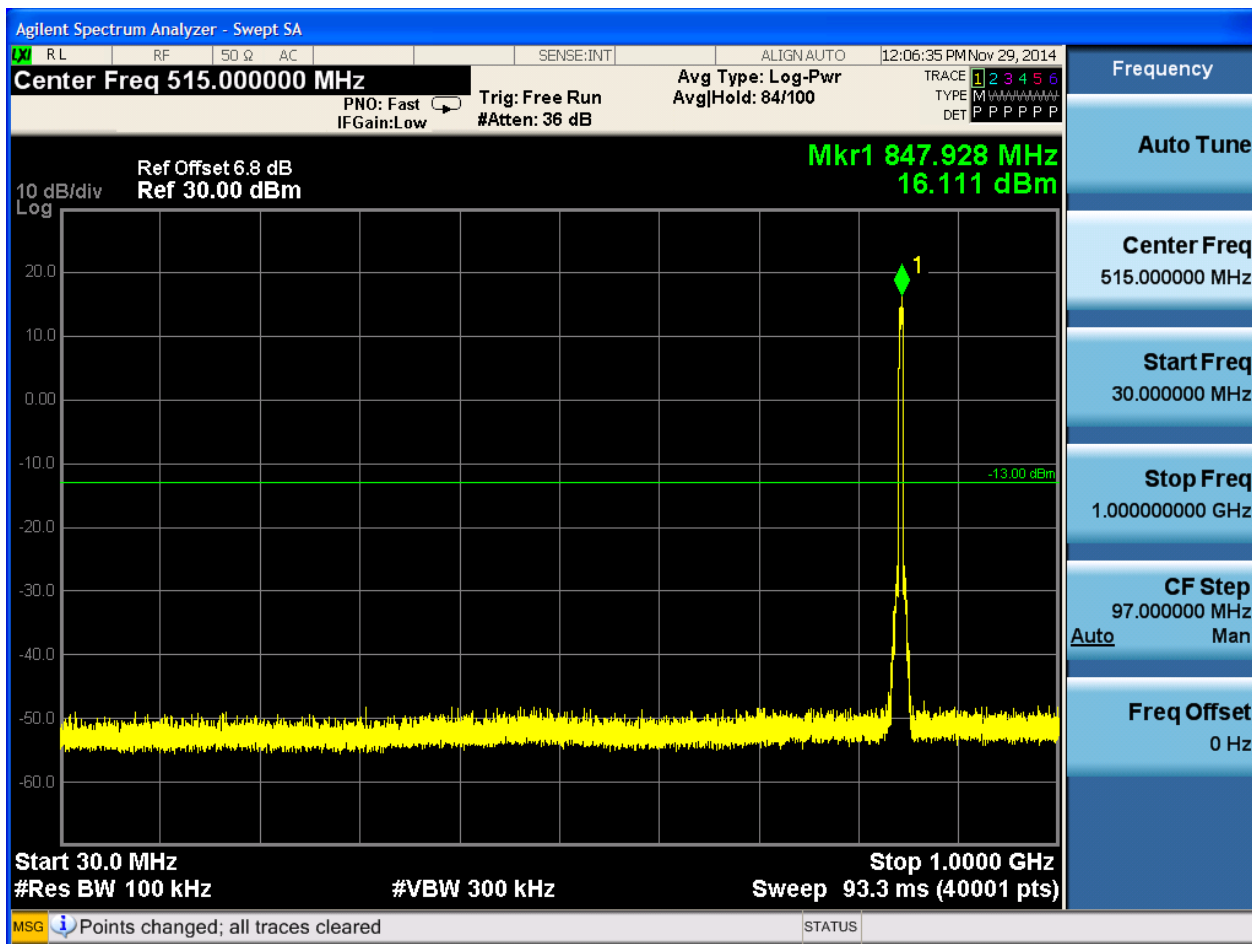


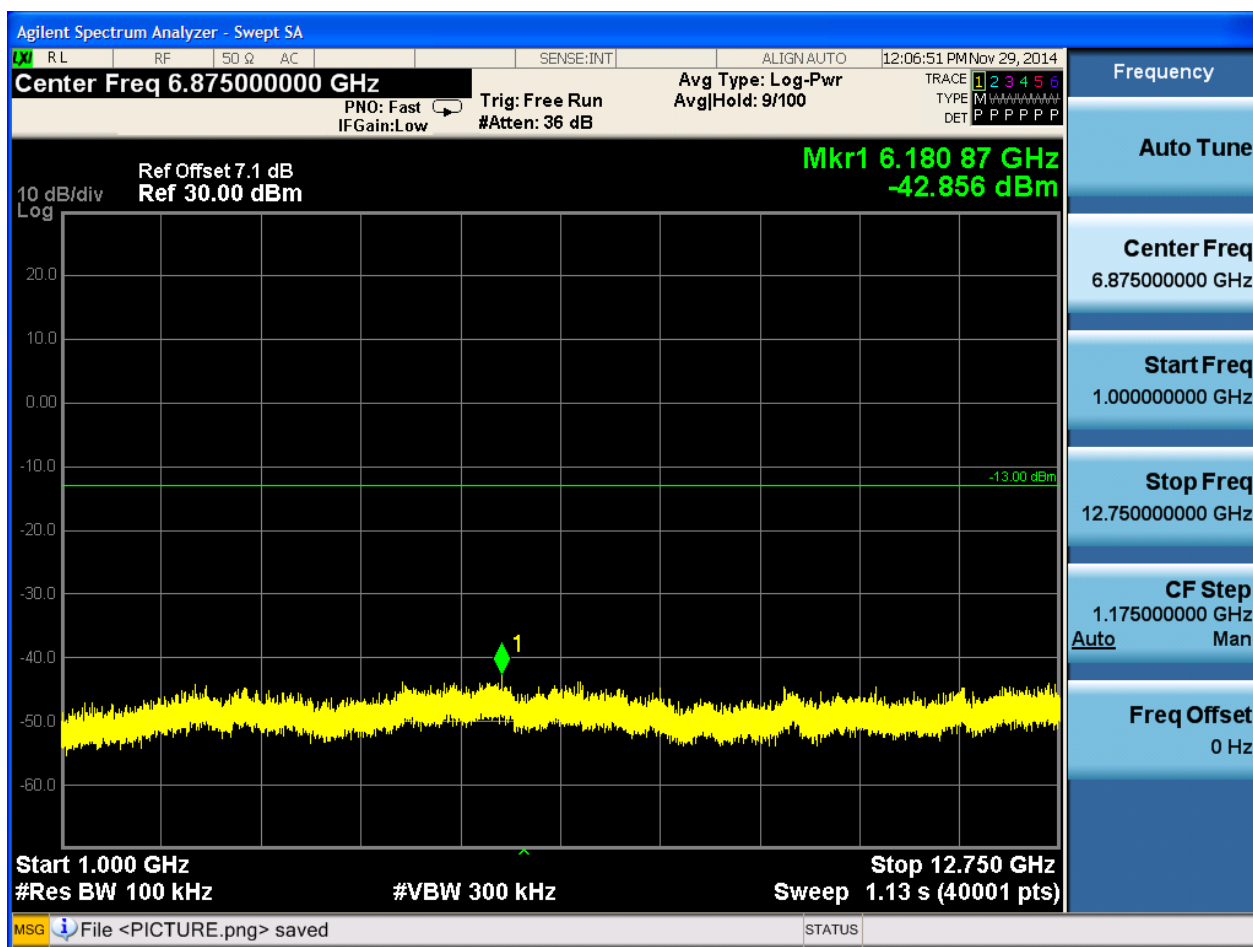


6.2.2.1.3 Test Channel = HCH









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

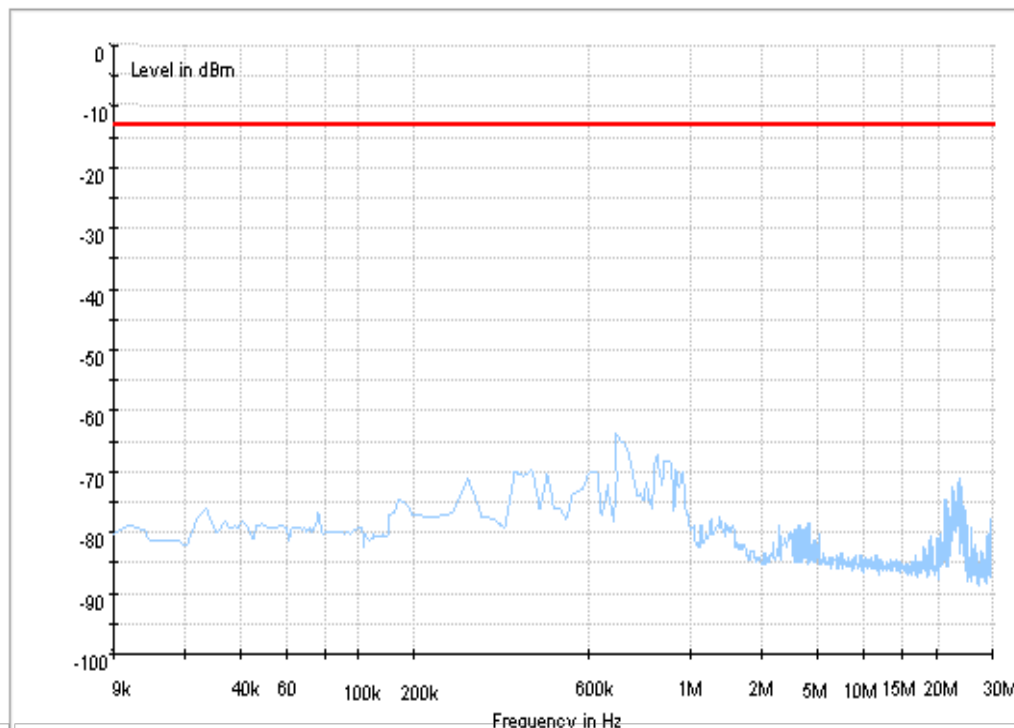
Note: We tested all modes, but the data presented below is the worst case.

Part I - Test Plots

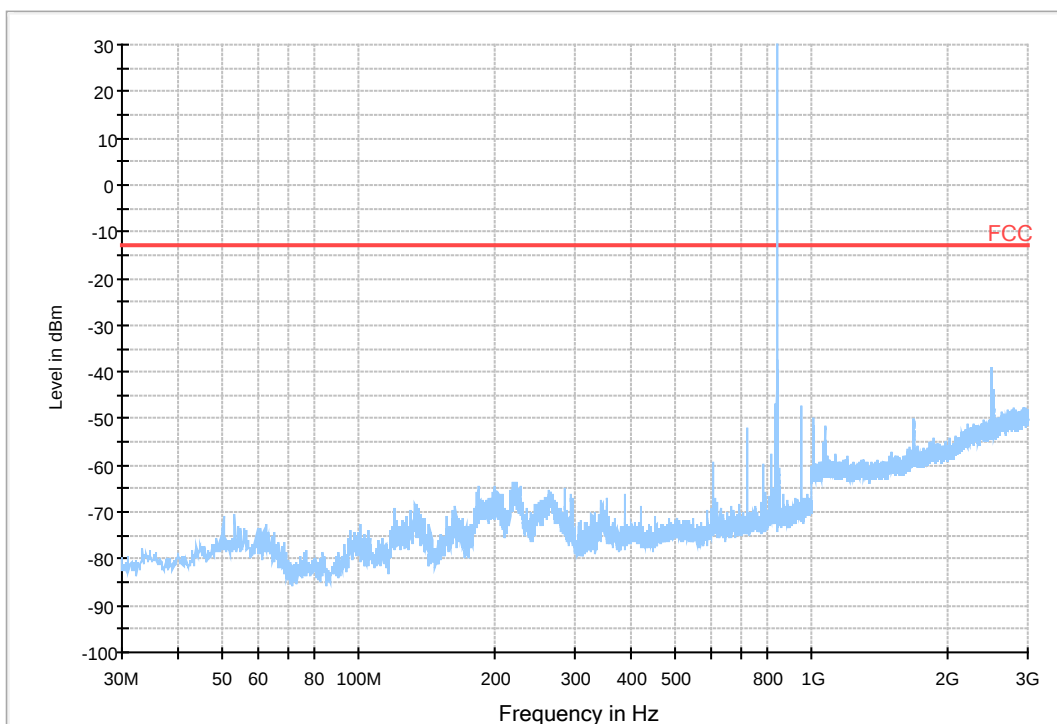
7.1 For GSM

7.1.1 Test Band = GSM850

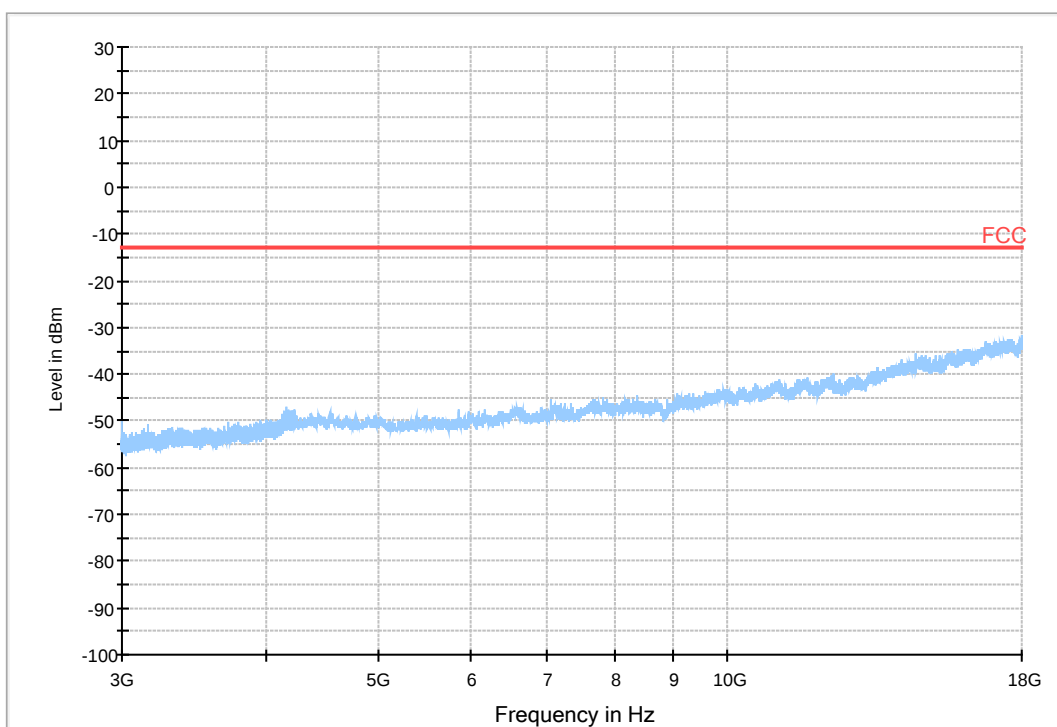
7.1.1.1 Test Mode = GSM/TM1



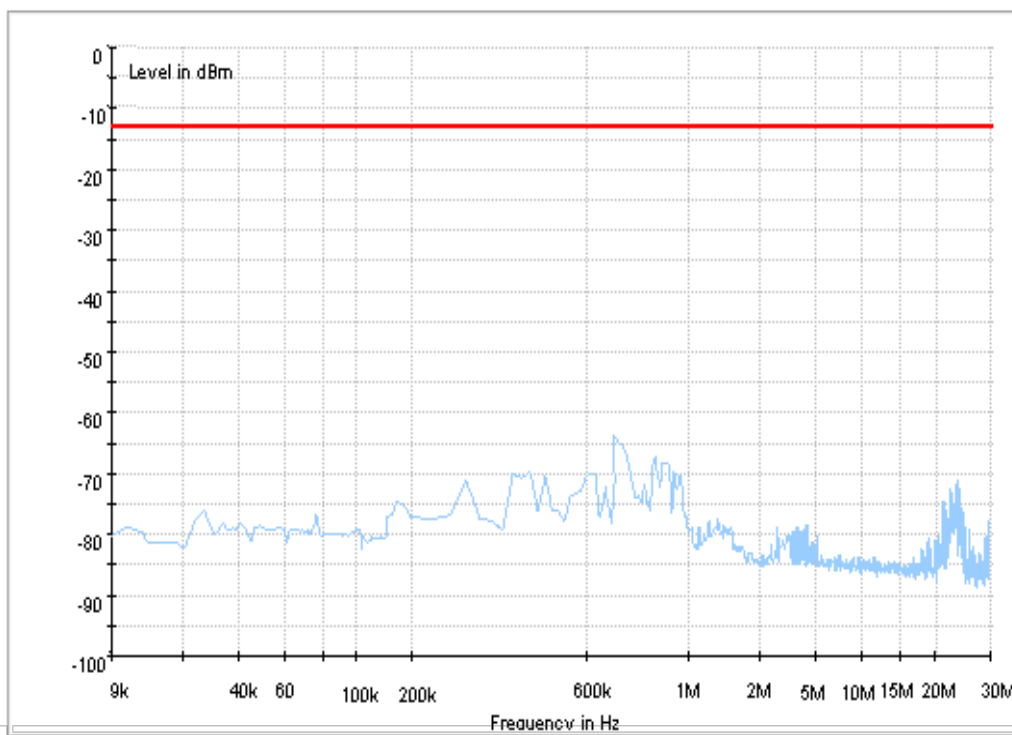
Copy of FCC PART22 GSM850_L



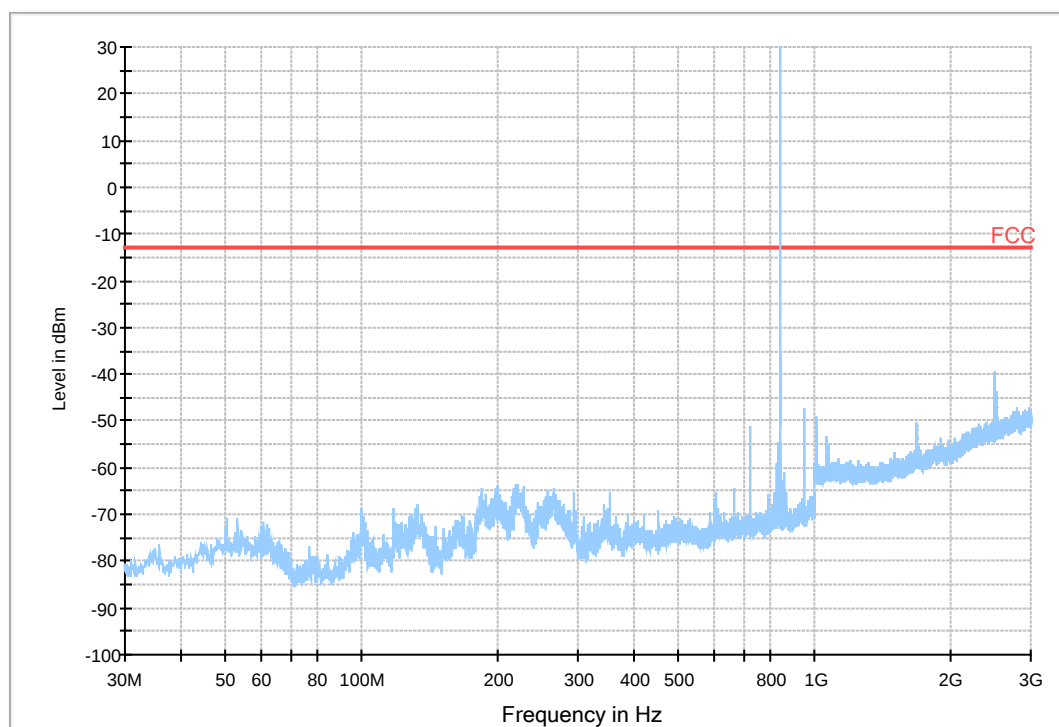
Copy of FCC PART22 GSM850_H



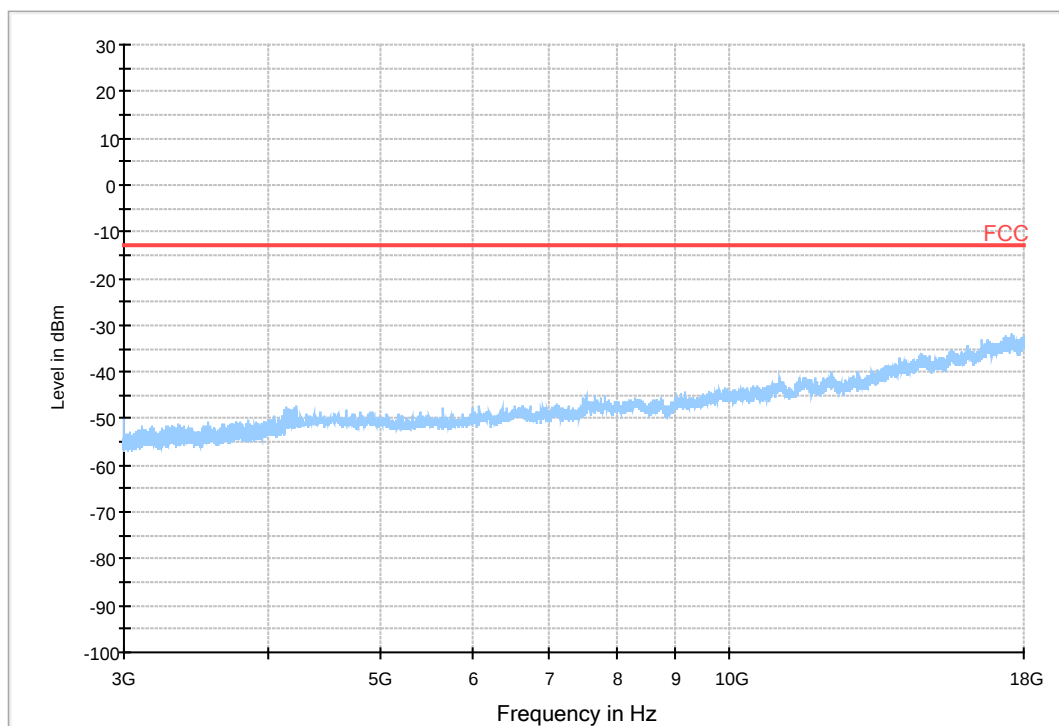
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

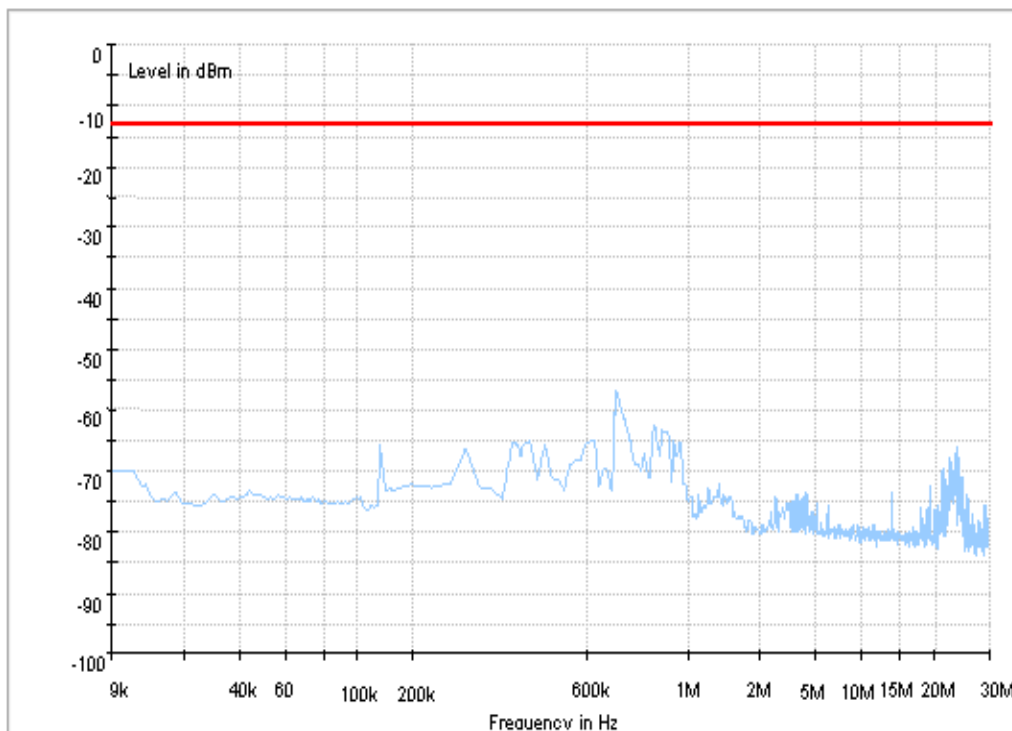


Copy of FCC PART22 GSM850_H

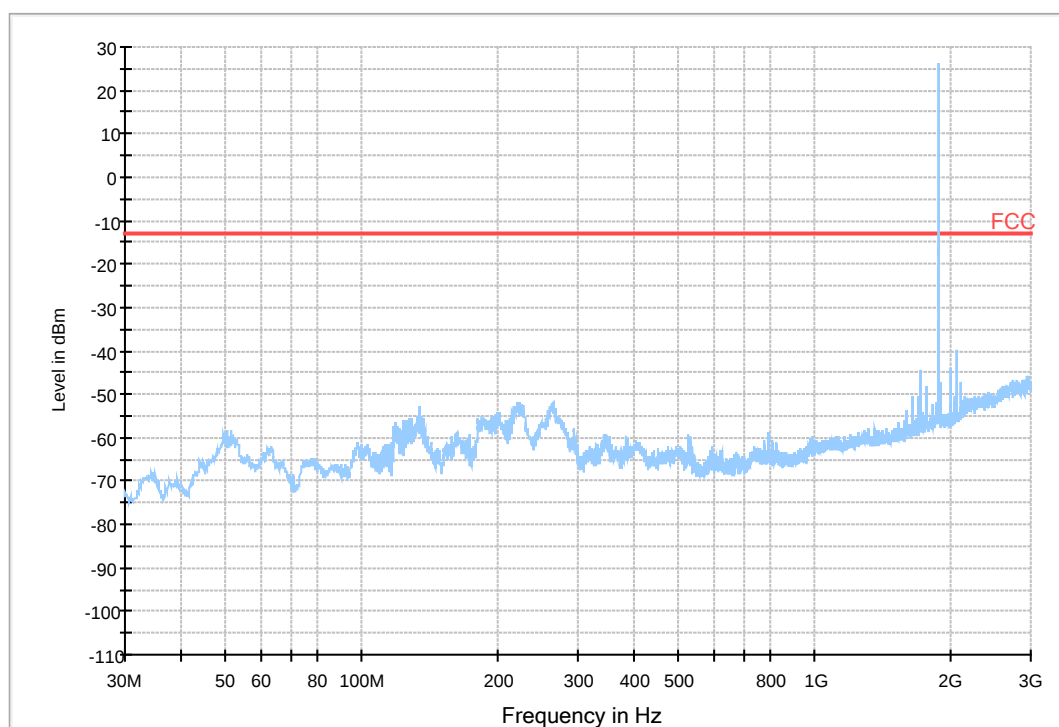


7.1.2 Test Band = GSM1900

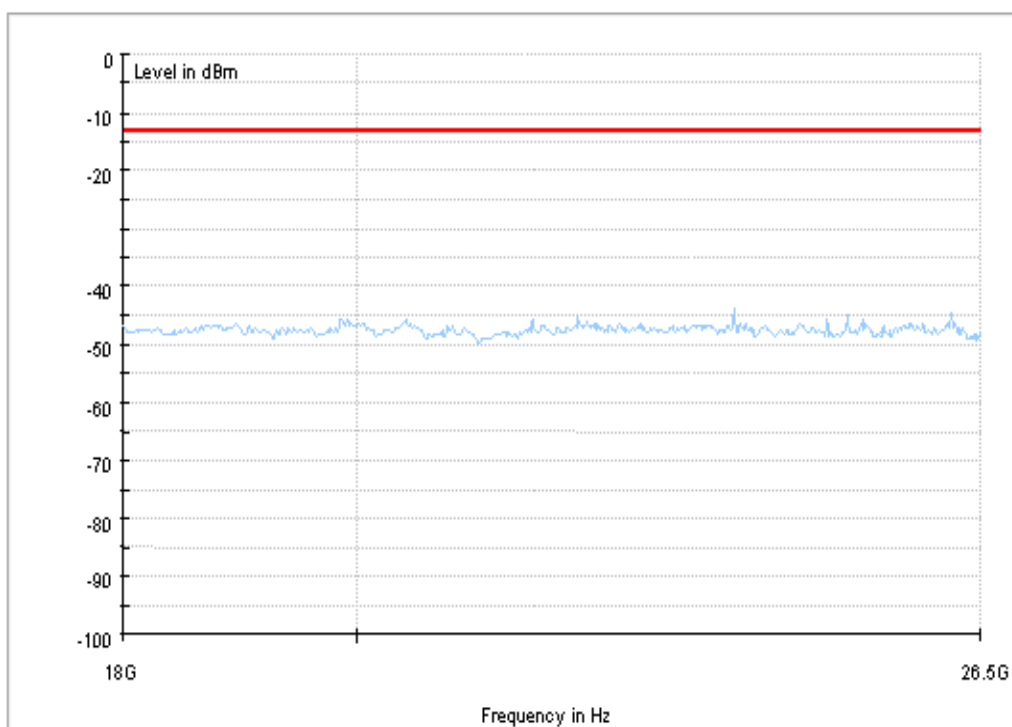
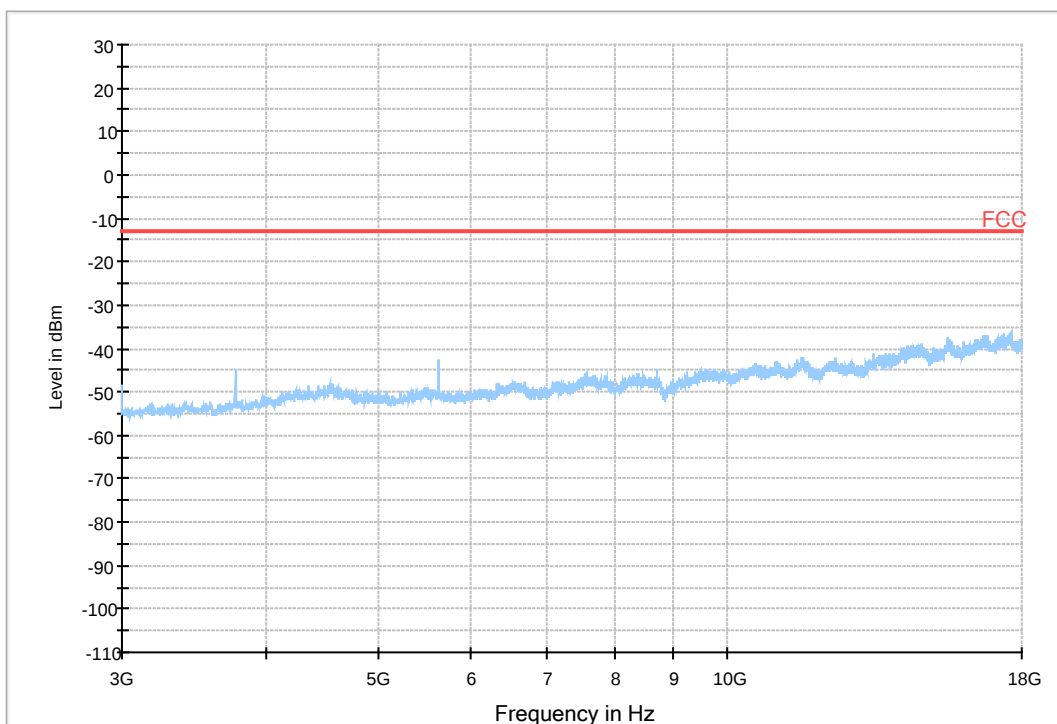
7.1.2.1 Test Mode = GSM/TM1



Copy of FCC PART24 GSM1900_L

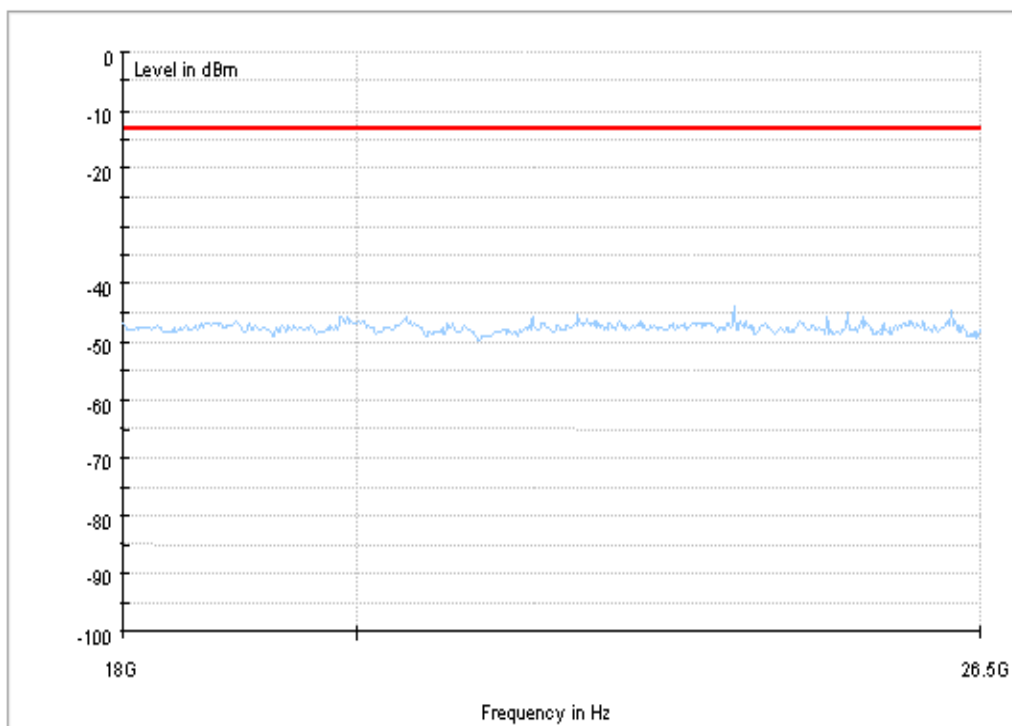


Copy of FCC PART24 GSM1900_H

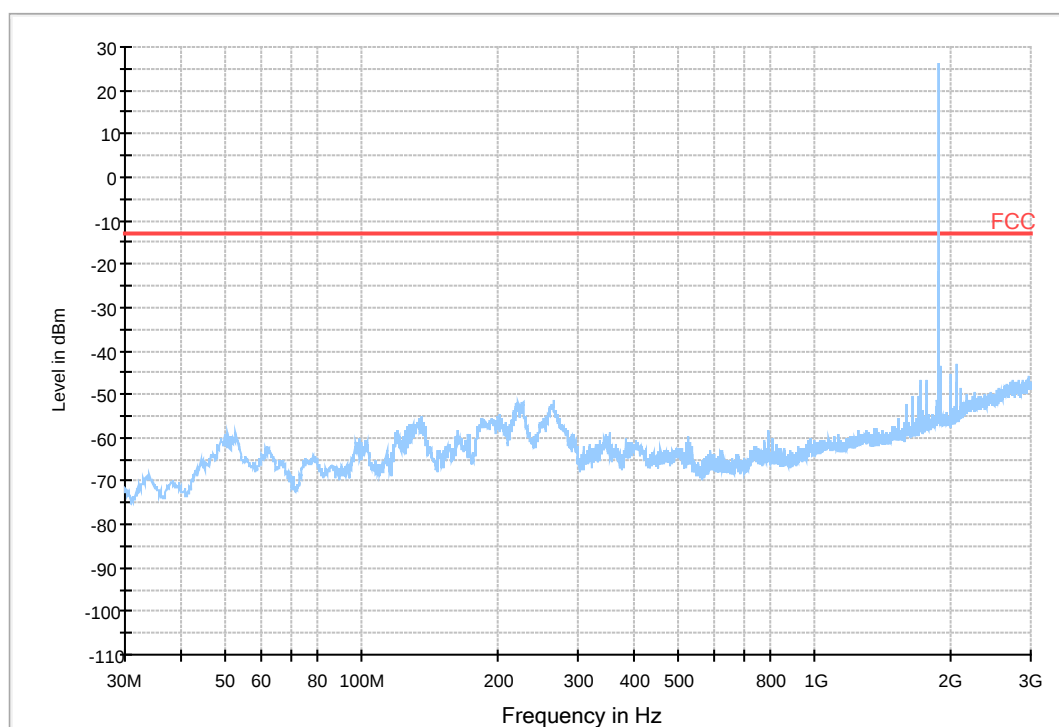


7.1.2.2

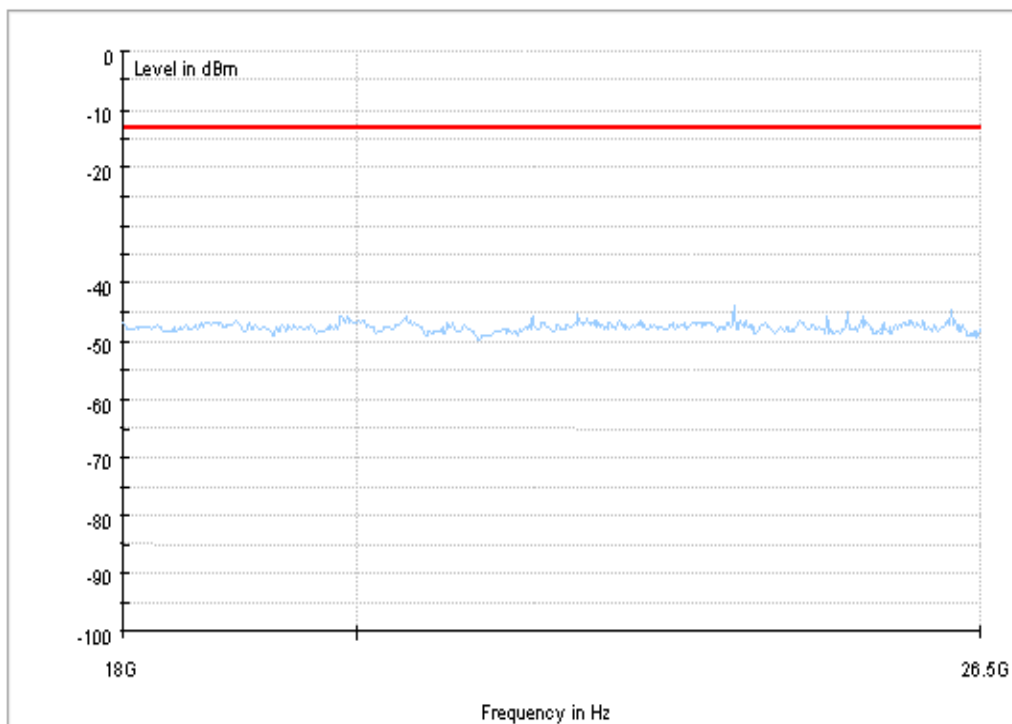
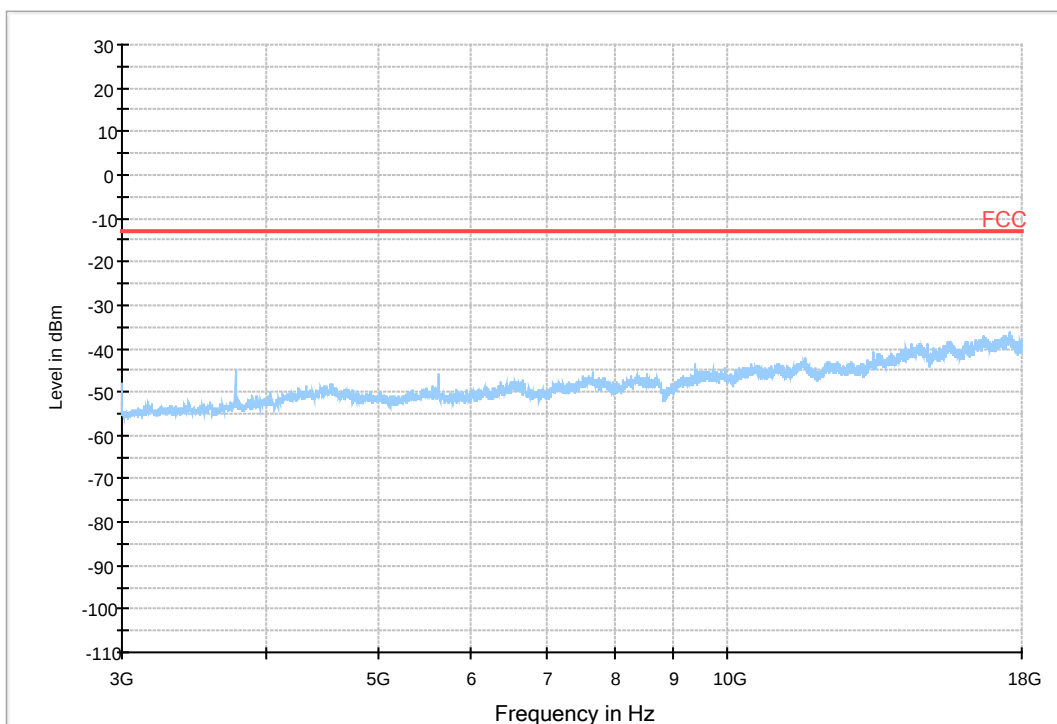
Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900_L



Copy of FCC PART24 GSM1900_H

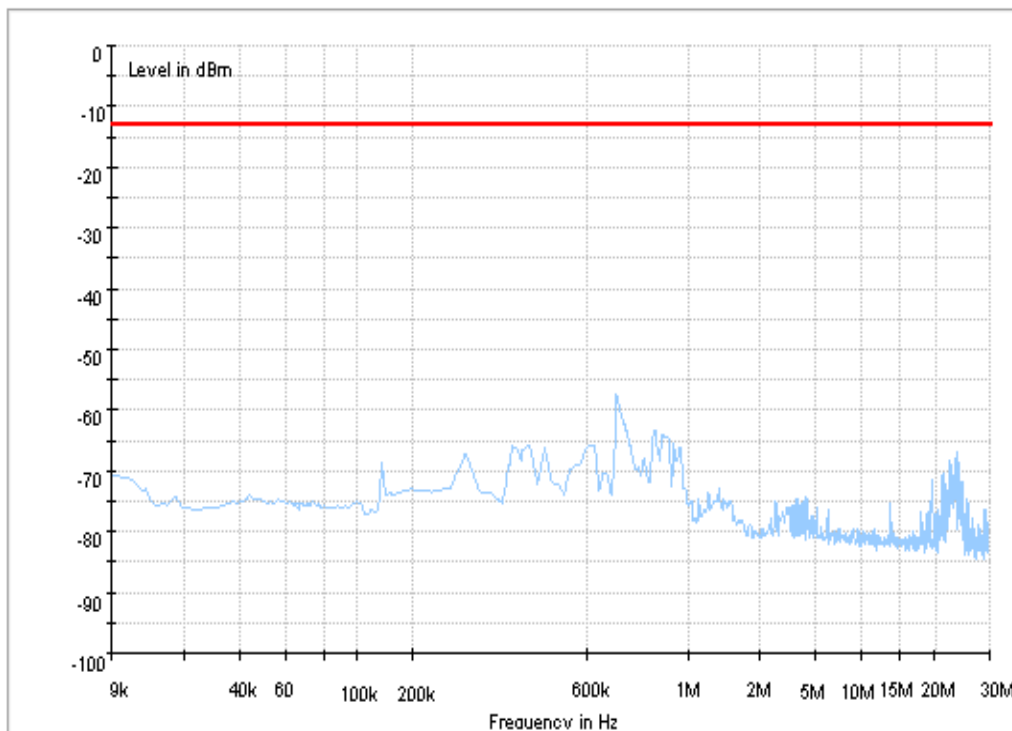


7.2 For

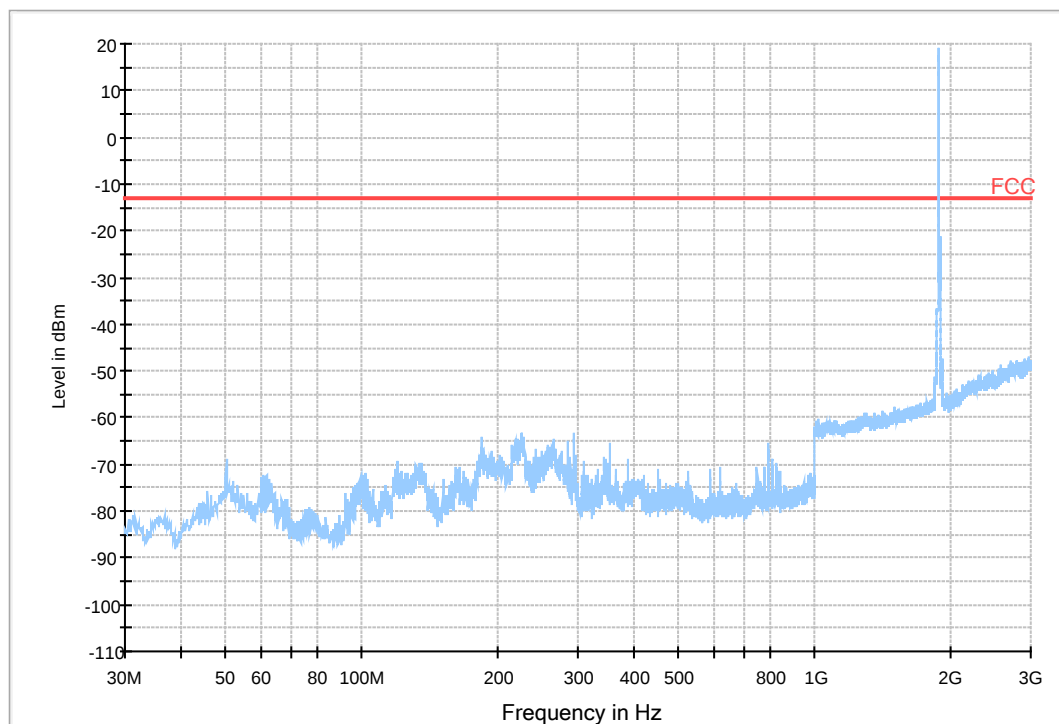
UMTS

7.2.1 Test Band = WCDMA1900

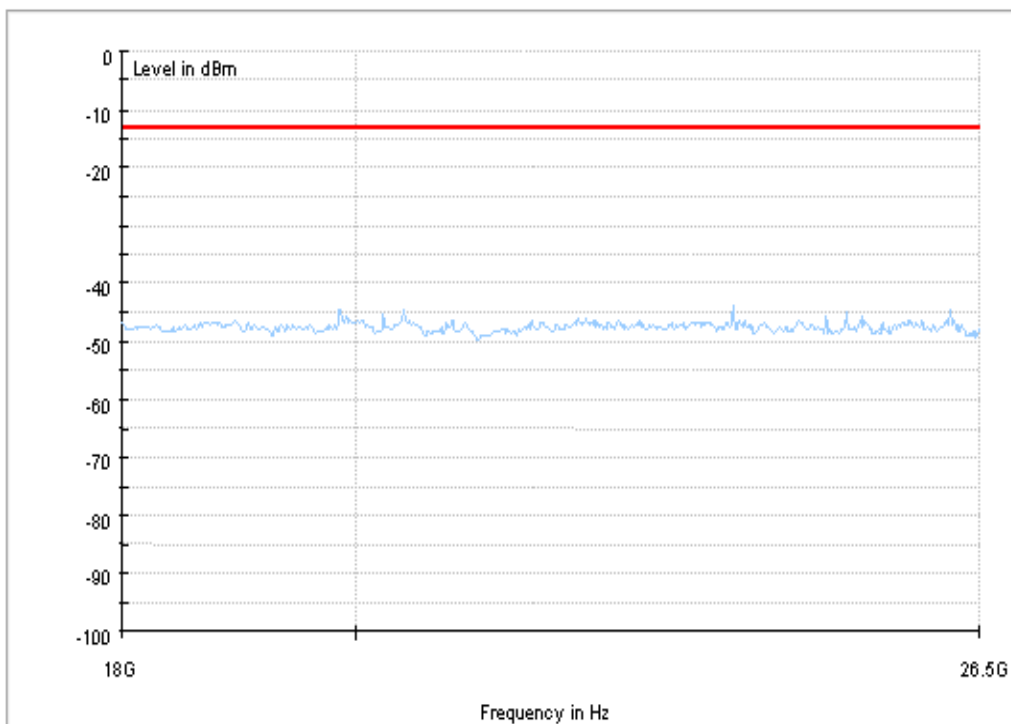
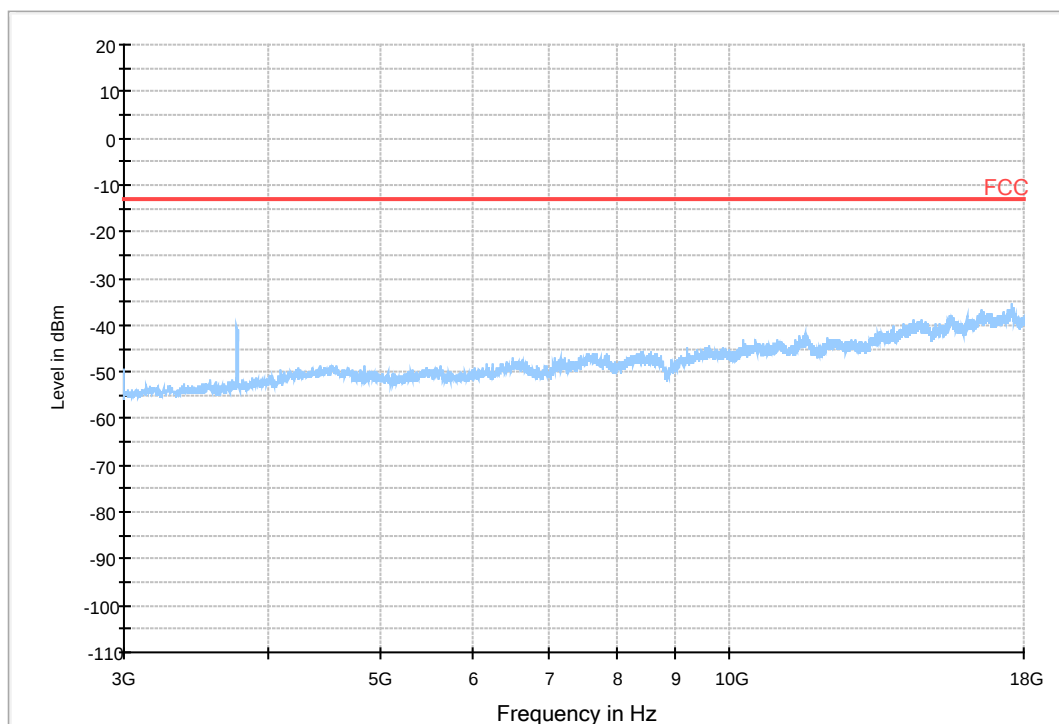
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L



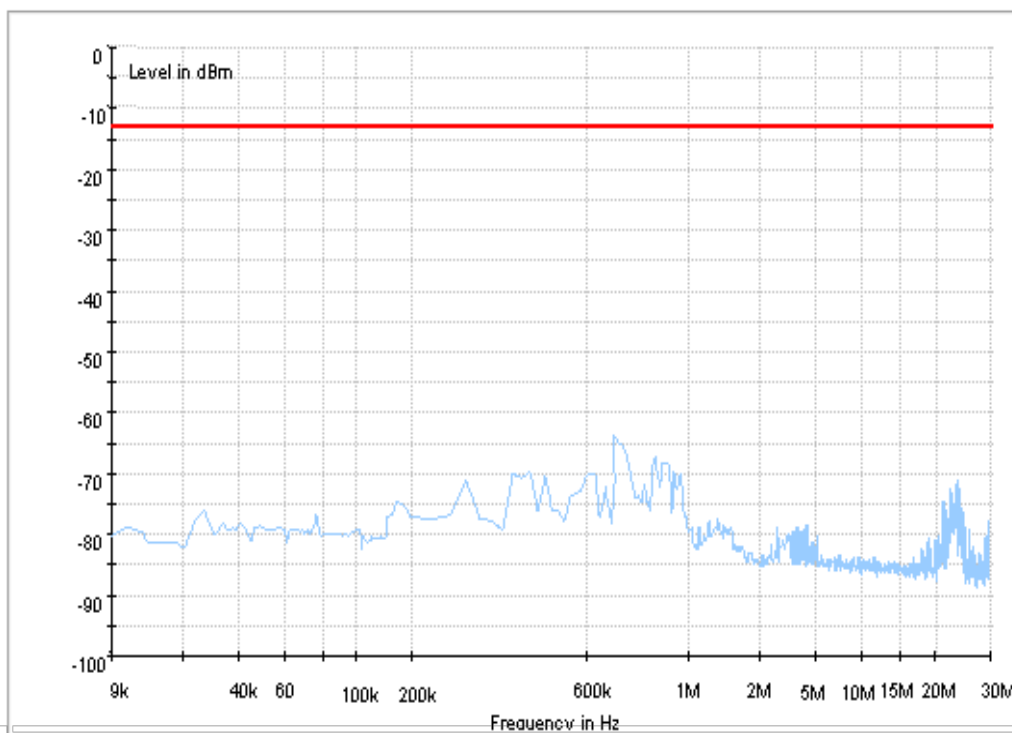
Copy of FCC PART24 WCDMA1900_H



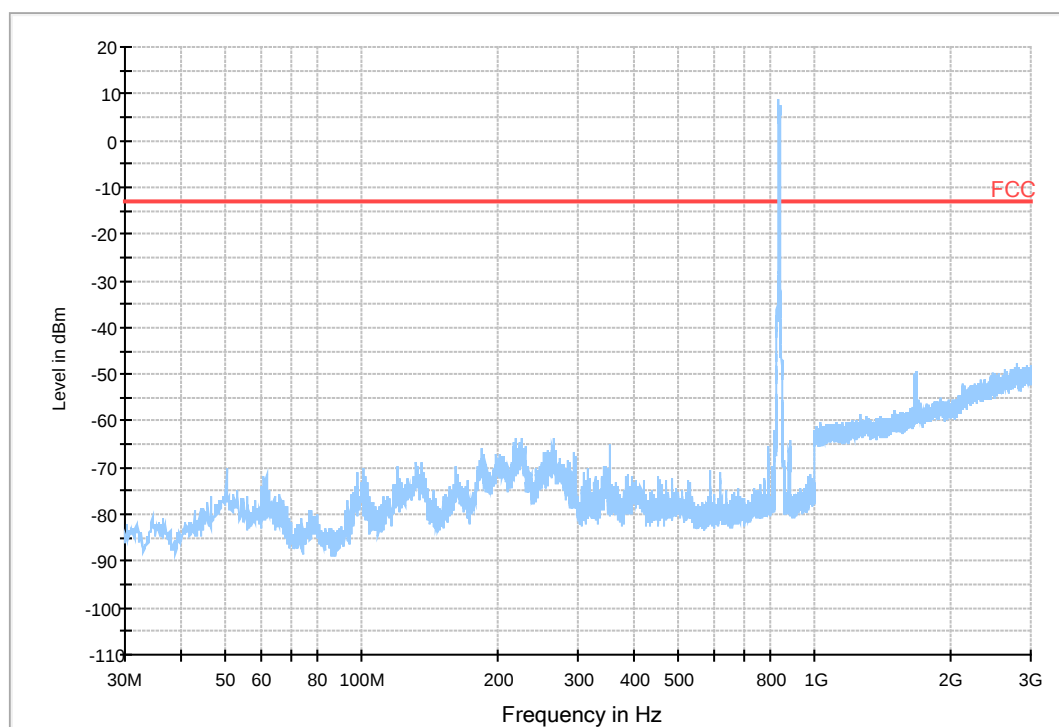
7.2.2 Test

Band = WCDMA850

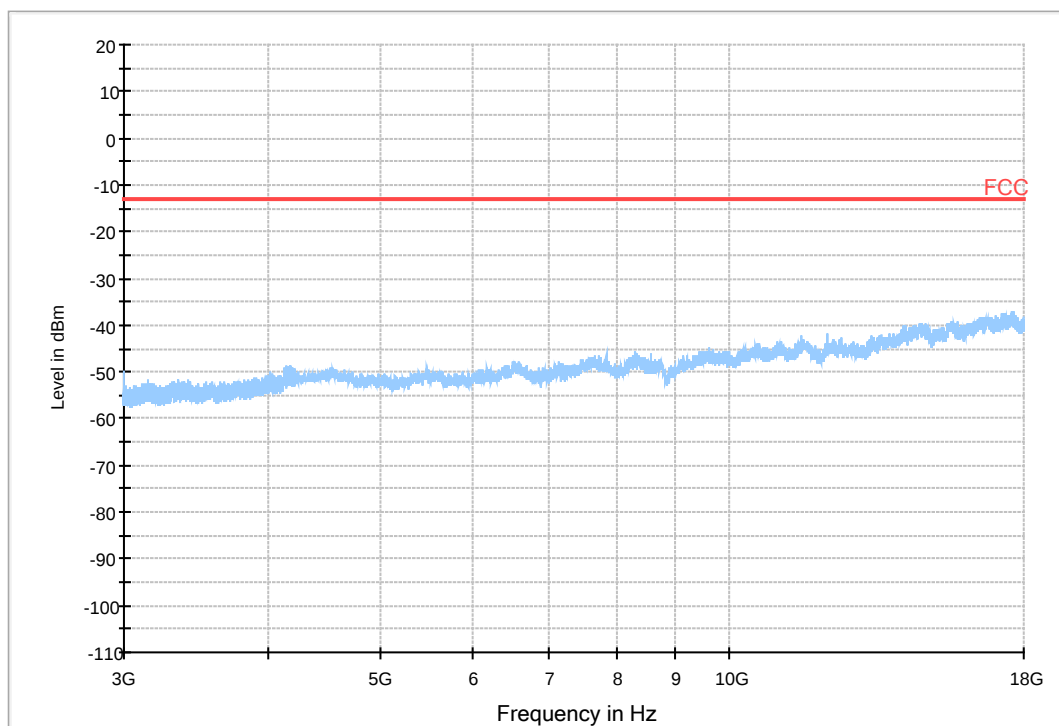
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L



Copy of FCC PART22 WCDMA850_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	-1.42	-0.00172	PASS
				VN	-8.52	-0.01034	PASS
				VH	-7.43	-0.00901	PASS
		MCH	TN	VL	-14.92	-0.01783	PASS
				VN	-13.82	-0.01652	PASS
				VH	-11.43	-0.001366	PASS
		HCH	TN	VL	-3.29	-0.00388	PASS
				VN	-4.20	-0.00495	PASS
				VH	-3.36	-0.00396	PASS
	GSM/TM2	LCH	TN	VL	-4.07	-0.00494	PASS
				VN	-5.62	-0.00682	PASS
				VH	-6.33	-0.00768	PASS
		MCH	TN	VL	-6.42	-0.00767	PASS
				VN	-3.13	-0.00374	PASS
				VH	-8.17	-0.00977	PASS
		HCH	TN	VL	-9.94	-0.01171	PASS
				VN	-15.08	-0.01777	PASS
				VH	-8.14	-0.00959	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-31.96	-0.01727	PASS
				VN	-27.25	-0.01473	PASS
				VH	-24.41	-0.01319	PASS
		MCH	TN	VL	-21.37	-0.01137	PASS
				VN	-20.73	-0.01103	PASS
				VH	-13.75	-0.00731	PASS
		HCH	TN	VL	11.04	0.00578	PASS
				VN	-4.07	-0.00213	PASS
				VH	9.36	0.0049	PASS
	GSM/TM2	LCH	TN	VL	5.91	0.00319	PASS
				VN	-12.40	-0.0067	PASS
				VH	-8.81	-0.00476	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	-8.46	-0.0045	PASS
				VN	-15.53	-0.00826	PASS
				VH	-25.70	-0.01367	PASS
		HCH	TN	VL	-2.52	-0.00132	PASS
				VN	-0.68	-0.00036	PASS
				VH	7.88	0.00413	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	-7.55	-0.00916	PASS
				-20	-4.71	-0.00571	PASS
				-10	-3.81	-0.00462	PASS
				0	-3.03	-0.00368	PASS
				10	-6.20	-0.00752	PASS
				20	-1.94	-0.00235	PASS
				30	-2.45	-0.00297	PASS
				40	-2.97	-0.0036	PASS
				50	3.75	0.00455	PASS
		MCH	VN	-30	2.20	0.00263	PASS
				-20	2.84	0.00339	PASS
				-10	5.81	0.00694	PASS
				0	5.81	0.00694	PASS
				10	2.13	0.00255	PASS
				20	4.97	0.00594	PASS
				30	2.52	0.00301	PASS
				40	2.65	0.00317	PASS
				50	5.42	0.00648	PASS
		HCH	VN	-30	4.00	0.00471	PASS
				-20	3.68	0.00434	PASS
				-10	2.91	0.00343	PASS
				0	-2.07	-0.00244	PASS
				10	1.16	0.00137	PASS
				20	1.94	0.00229	PASS
				30	0.90	0.00106	PASS
				40	-0.84	-0.00099	PASS
				50	2.45	0.00289	PASS
	GSM/TM2	LCH	VN	-30	-15.11	-0.01833	PASS
				-20	-12.53	-0.0152	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-10	-16.95	-0.02057	PASS
				0	-14.17	-0.01719	PASS
				10	-13.85	-0.0168	PASS
				20	-16.18	-0.01963	PASS
				30	-15.66	-0.019	PASS
				40	-15.46	-0.01876	PASS
				50	-21.05	-0.02554	PASS
		MCH	VN	-30	-16.24	-0.01941	PASS
				-20	-14.11	-0.01687	PASS
				-10	-18.98	-0.02269	PASS
				0	-17.56	-0.02099	PASS
				10	-16.01	-0.01914	PASS
				20	-16.24	-0.01941	PASS
				30	-17.82	-0.0213	PASS
				40	-16.59	-0.01983	PASS
				50	-17.89	-0.02138	PASS
		HCH	VN	-30	-15.82	-0.01864	PASS
				-20	-12.04	-0.01418	PASS
				-10	-15.82	-0.01864	PASS
				0	-13.85	-0.01632	PASS
				10	-12.59	-0.01483	PASS
				20	-11.49	-0.01354	PASS
				30	-16.76	-0.01975	PASS
				40	-16.82	-0.01982	PASS
				50	-14.92	-0.01758	PASS
GSM1900	GSM/TM1	LCH	VN	-30	-31.51	-0.01703	PASS
				-20	-36.87	-0.01993	PASS
				-10	-20.47	-0.01106	PASS
				0	-19.63	-0.01061	PASS
				10	-23.18	-0.01253	PASS
				20	-18.98	-0.01026	PASS
				30	-16.34	-0.00883	PASS
				40	-30.61	-0.01654	PASS
				50	-36.68	-0.01982	PASS
		MCH	VN	-30	-15.82	-0.00841	PASS
				-20	-24.60	-0.01309	PASS
				-10	-13.88	-0.00738	PASS
				0	-25.38	-0.0135	PASS
				10	-19.76	-0.01051	PASS
				20	-25.05	-0.01332	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				30	-15.63	-0.00831	PASS
				40	-24.15	-0.01285	PASS
				50	-22.86	-0.01216	PASS
		HCH	VN	-30	2.52	0.00132	PASS
				-20	-3.75	-0.00196	PASS
				-10	-1.81	-0.00095	PASS
				0	9.62	0.00504	PASS
				10	3.42	0.00179	PASS
				20	4.65	0.00243	PASS
				30	16.21	0.00849	PASS
				40	13.88	0.00727	PASS
				50	10.85	0.00568	PASS
	GSM/TM2	LCH	VN	-30	-16.89	-0.00913	PASS
				-20	-18.79	-0.01016	PASS
				-10	-9.98	-0.00539	PASS
				0	-8.46	-0.00457	PASS
				10	-20.73	-0.0112	PASS
				20	-23.67	-0.01279	PASS
				30	-17.95	-0.0097	PASS
				40	-15.27	-0.00825	PASS
				50	-20.99	-0.01134	PASS
		MCH	VN	-30	-21.02	-0.01118	PASS
				-20	-8.39	-0.00446	PASS
				-10	-10.82	-0.00576	PASS
				0	-1.94	-0.00103	PASS
				10	-8.07	-0.00429	PASS
				20	-4.55	-0.00242	PASS
				30	-18.18	-0.00967	PASS
				40	-5.71	-0.00304	PASS
				50	-7.88	-0.00419	PASS
		HCH	VN	-30	5.91	0.00309	PASS
				-20	2.45	0.00128	PASS
				-10	-3.94	-0.00206	PASS
				0	15.27	0.008	PASS
				10	8.94	0.00468	PASS
				20	8.52	0.00446	PASS
				30	11.66	0.00611	PASS
				40	16.47	0.00862	PASS
				50	15.88	0.00832	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
WCDMA1900	UMTS/TM1	LCH	TN	VL	7.75	0.00418	PASS
				VN	12.85	0.00694	PASS
				VH	-7.81	-0.00422	PASS
		MCH	TN	VL	-10.36	-0.00551	PASS
				VN	6.18	0.00329	PASS
				VH	-13.41	-0.00713	PASS
		HCH	TN	VL	-10.31	-0.00540	PASS
				VN	-18.60	-0.00975	PASS
				VH	-21.04	-0.01103	PASS
WCDMA850	UMTS/TM1	LCH	TN	VL	-2.61	-0.00316	PASS
				VN	3.89	0.00471	PASS
				VH	-4.21	-0.00509	PASS
		MCH	TN	VL	1.33	0.00159	PASS
				VN	-12.76	-0.01526	PASS
				VH	-5.25	-0.00628	PASS
		HCH	TN	VL	1.56	0.00184	PASS
				VN	-6.82	-0.00806	PASS
				VH	-6.91	-0.00816	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
WCDMA1900	UMTS/TM1	LCH	VN	-30	8.50	0.00459	PASS
				-20	1.31	0.00071	PASS
				-10	1.34	0.00072	PASS
				0	9.60	0.00518	PASS
				10	-6.82	-0.00368	PASS
				20	-7.51	-0.00405	PASS
				30	-0.67	-0.00036	PASS
				40	-20.26	-0.01094	PASS
				50	-1.80	-0.00097	PASS
		MCH	VN	-30	-52.55	-0.02795	PASS
				-20	-14.66	-0.0078	PASS
				-10	-12.04	-0.0064	PASS
				0	3.75	0.00199	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				10	-11.37	-0.00605	PASS
				20	14.60	0.00777	PASS
				30	-1.69	-0.0009	PASS
				40	5.75	0.00306	PASS
				50	4.94	0.00263	PASS
		HCH	VN	-30	-9.09	-0.00477	PASS
				-20	-15.56	-0.00816	PASS
				-10	-31.42	-0.01647	PASS
				0	-2.94	-0.00154	PASS
				10	2.99	0.00157	PASS
				20	2.03	0.00106	PASS
				30	7.83	0.0041	PASS
				40	11.40	0.00598	PASS
				50	-19.35	-0.01014	PASS
WCDMA850	UMTS/TM1	LCH	VN	-30	-2.26	-0.00273	PASS
				-20	-12.62	-0.01527	PASS
				-10	-3.81	-0.00461	PASS
				0	-11.72	-0.01418	PASS
				10	1.27	0.00154	PASS
				20	-0.44	-0.00053	PASS
				30	-8.30	-0.01004	PASS
				40	-5.66	-0.00685	PASS
				50	-8.22	-0.00995	PASS
		MCH	VN	-30	2.32	0.00277	PASS
				-20	-6.97	-0.00833	PASS
				-10	-7.87	-0.00941	PASS
				0	-5.29	-0.00632	PASS
				10	-2.67	-0.00319	PASS
				20	-1.69	-0.00202	PASS
				30	-15.58	-0.01863	PASS
				40	-4.58	-0.00548	PASS
				50	-8.90	-0.01064	PASS
		HCH	VN	-30	-6.30	-0.00744	PASS
				-20	-9.58	-0.01132	PASS
				-10	-9.63	-0.01137	PASS
				0	-4.21	-0.00497	PASS
				10	-14.22	-0.0168	PASS
				20	-8.51	-0.01005	PASS
				30	-9.26	-0.01094	PASS
				40	-16.89	-0.01995	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				50	-8.77	-0.01036	PASS

END