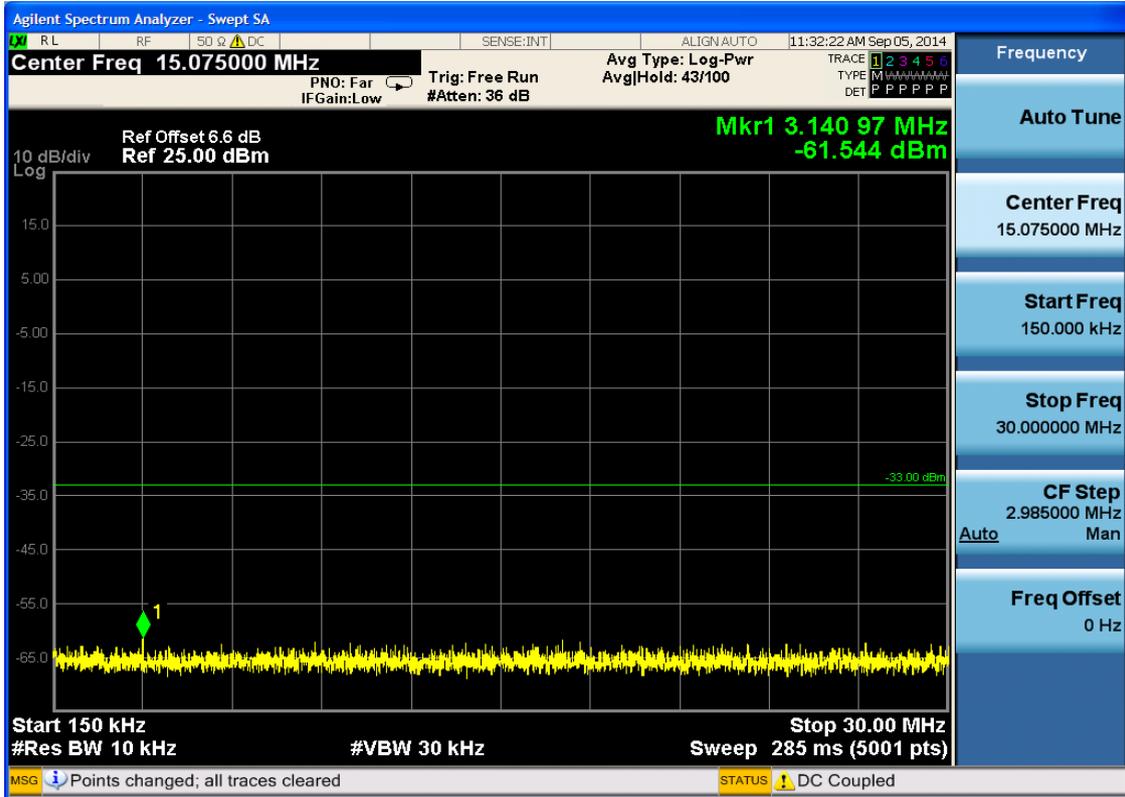
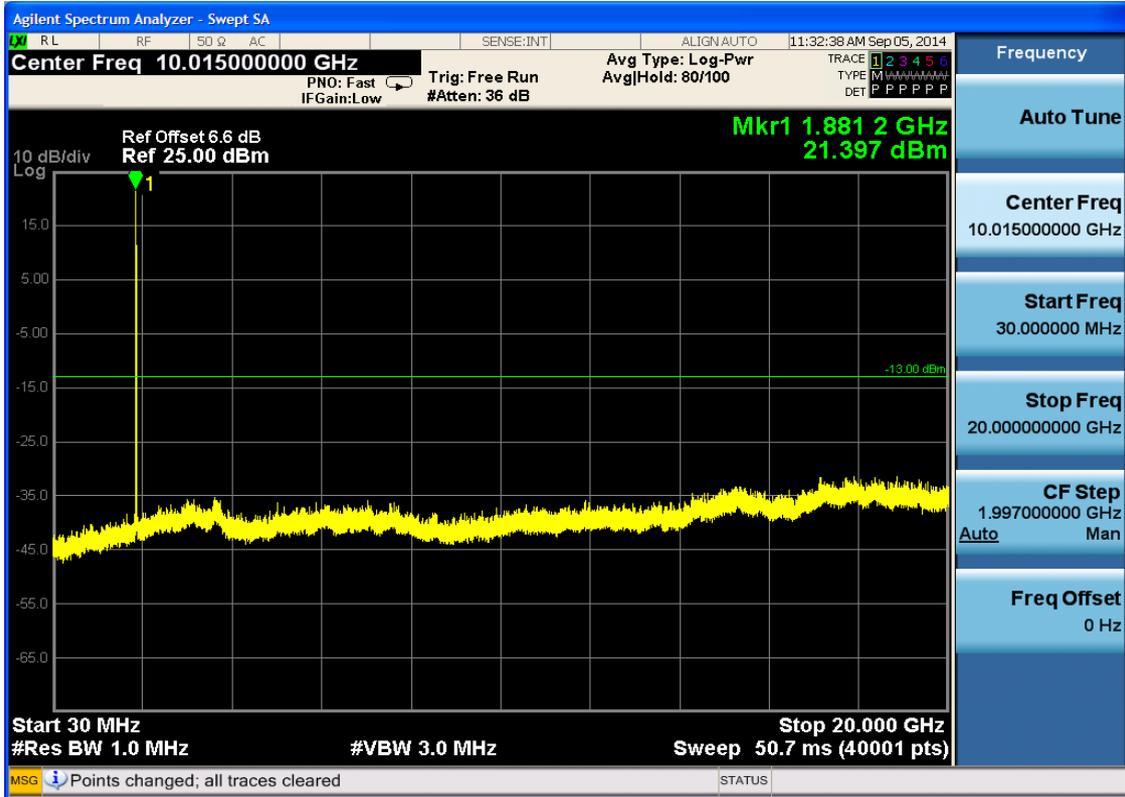




6.1.4.1.2 Test Channel = MCH



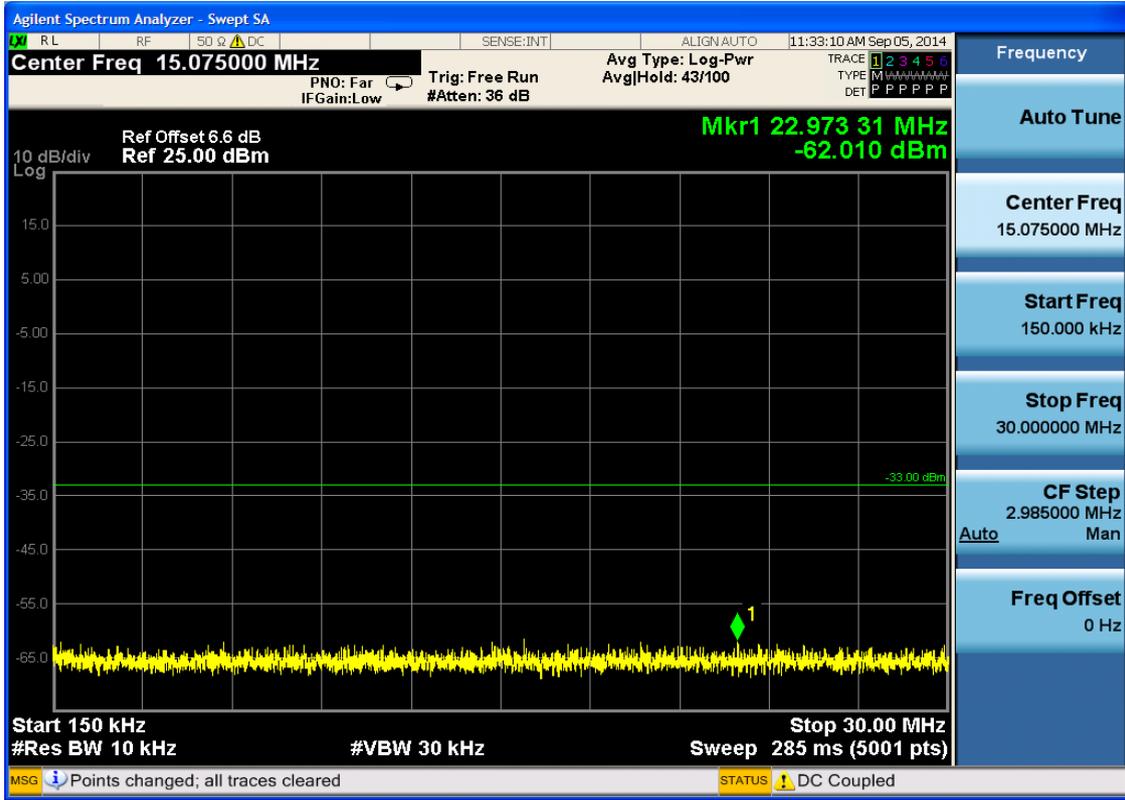


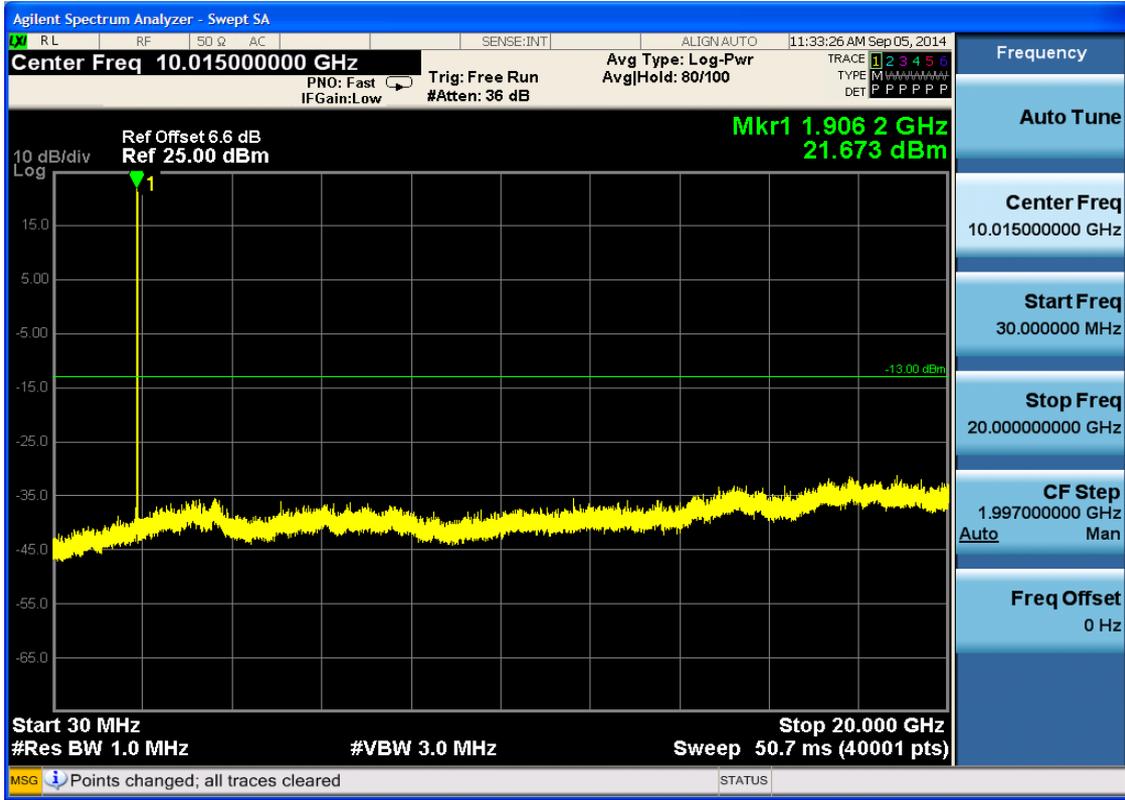




6.1.4.1.3 Test Channel = HCH







## 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

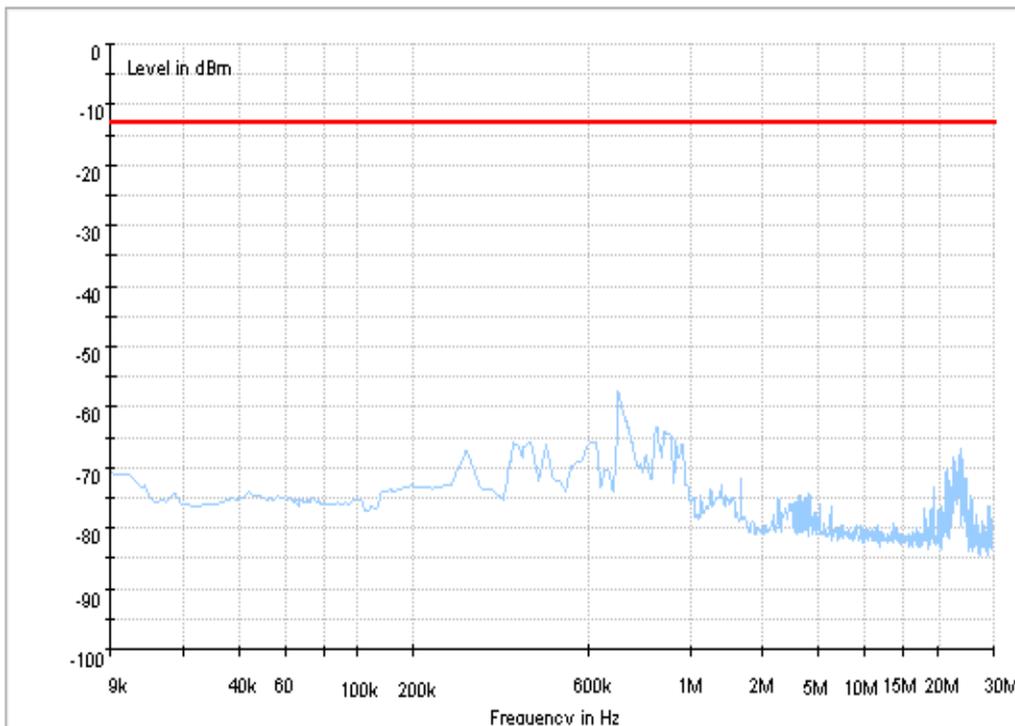
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

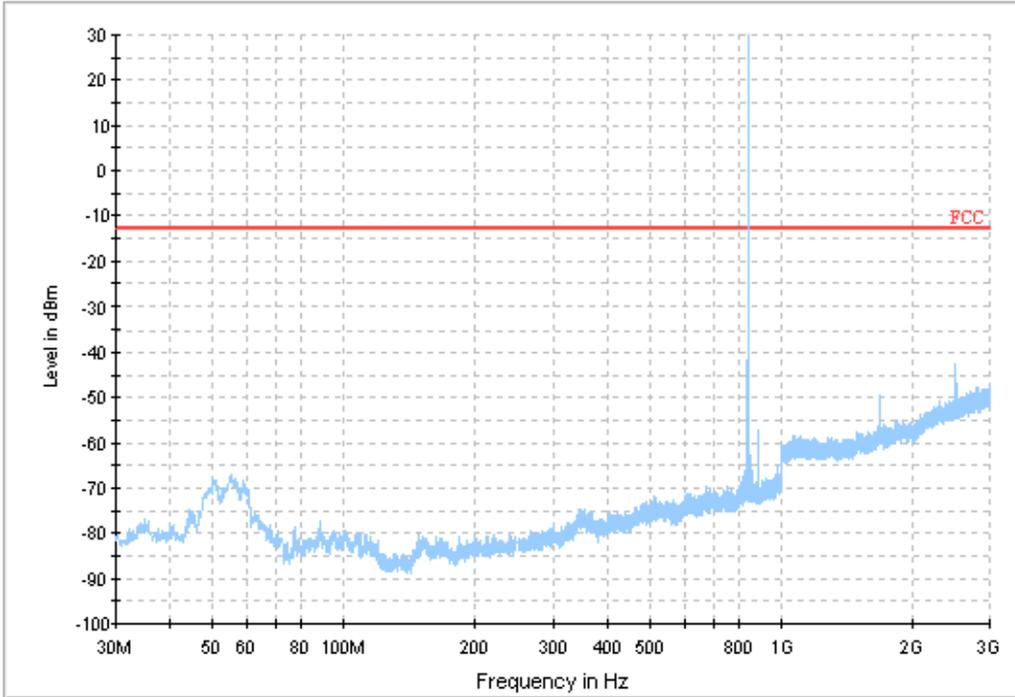
#### 7.1 For GSM

##### 7.1.1 Test Band = GSM850

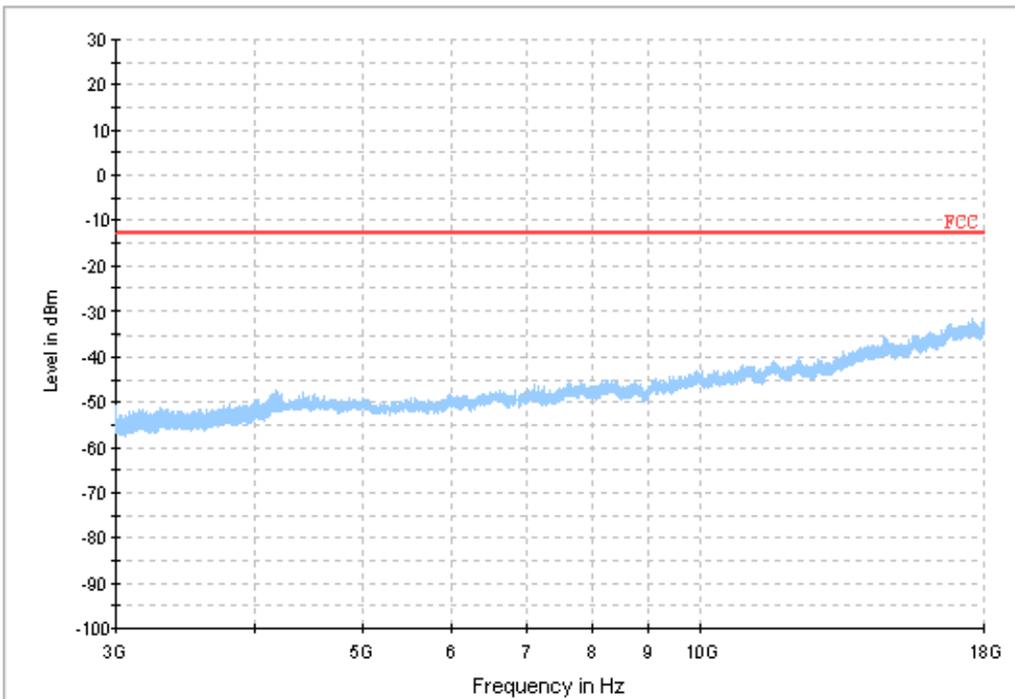
##### 7.1.1.1 Test Mode = GSM/TM1



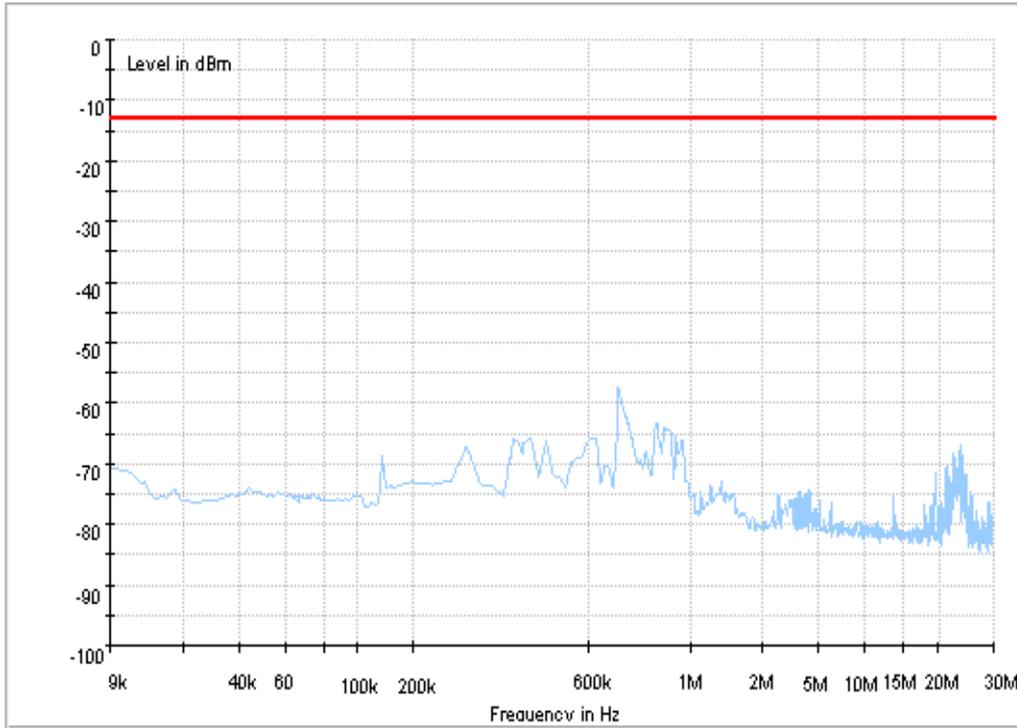
Copy of FCC PART22 GSM850\_L



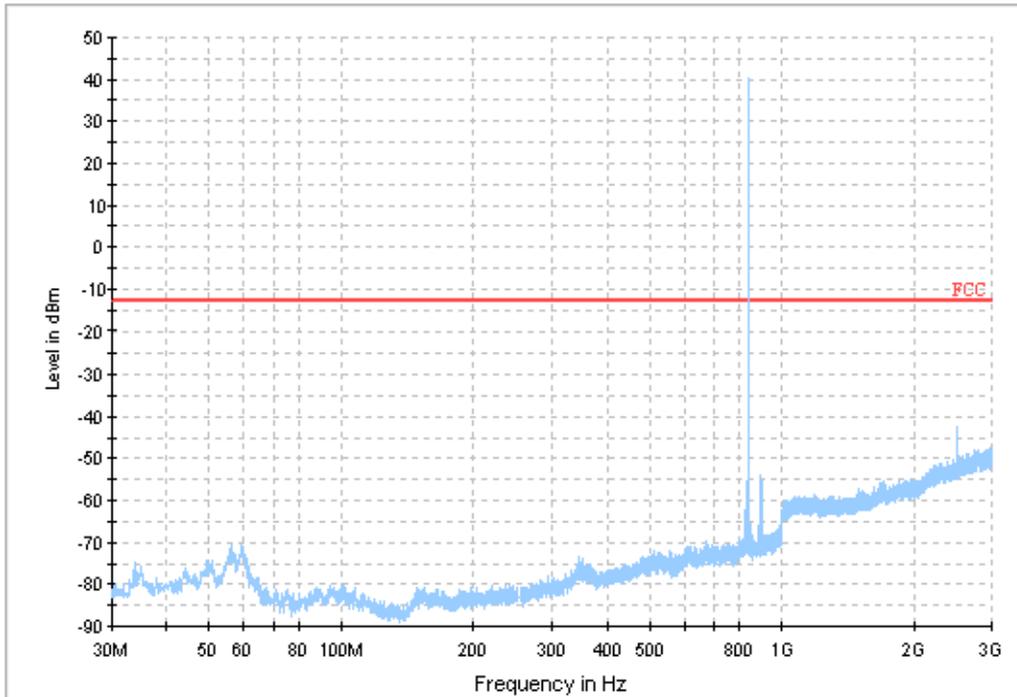
Copy of FCC PART22 GSM850\_H



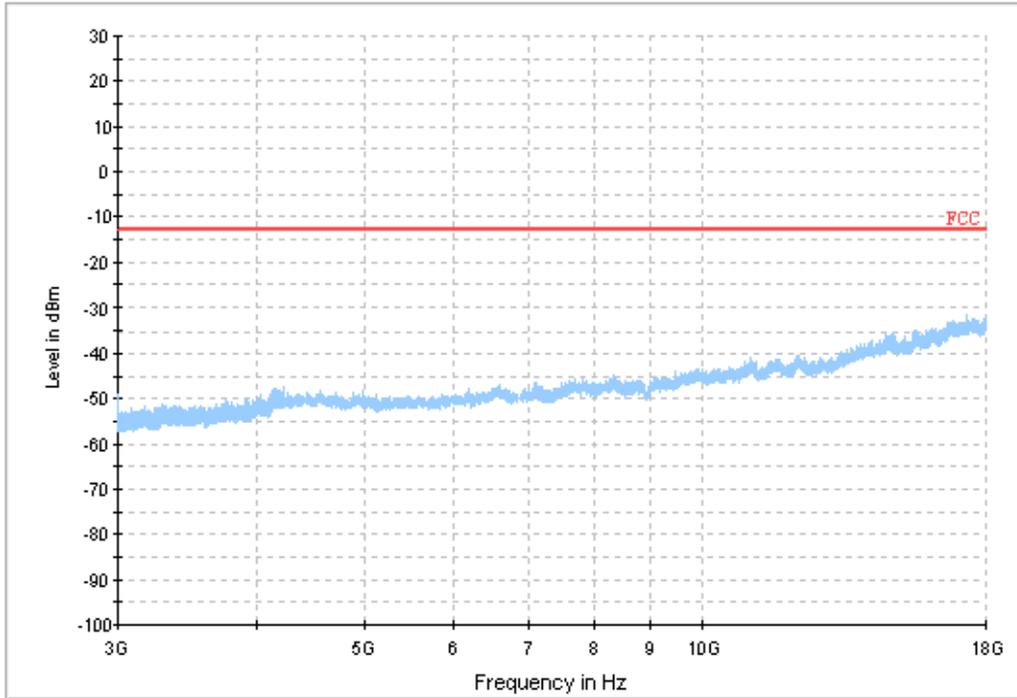
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850\_L

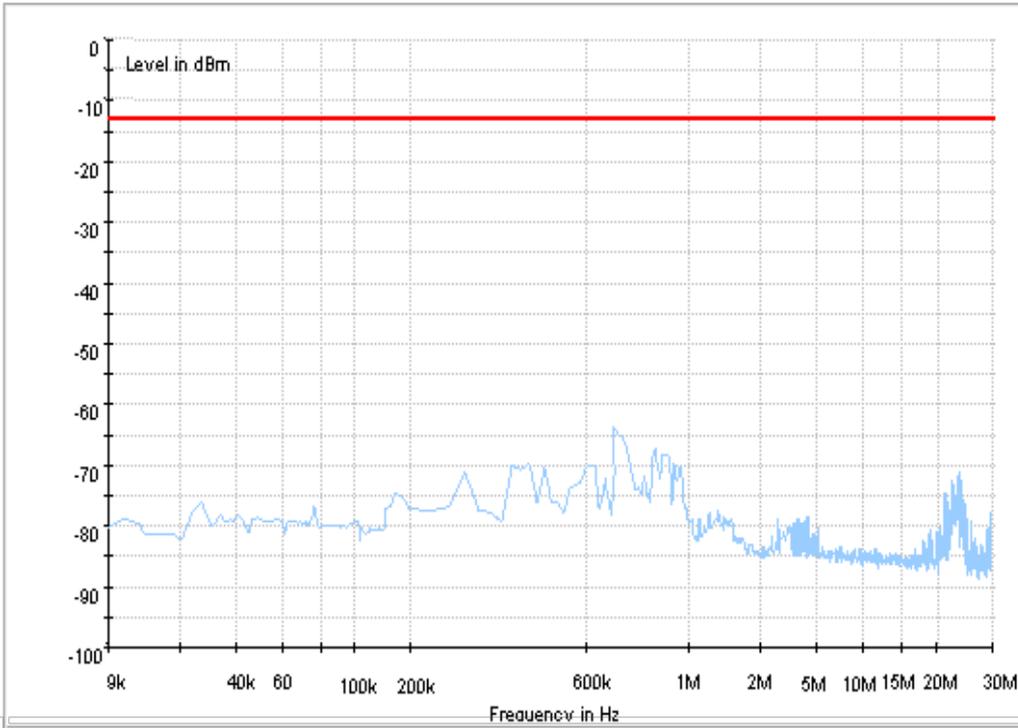


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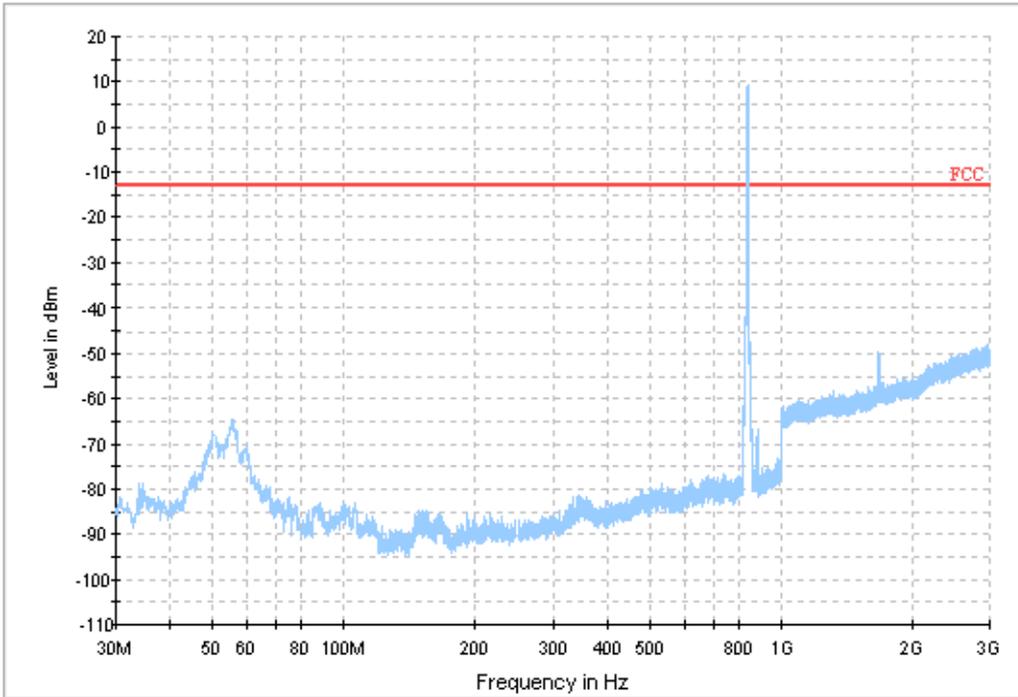


**7.1.2 Test Band = WCDMA850**

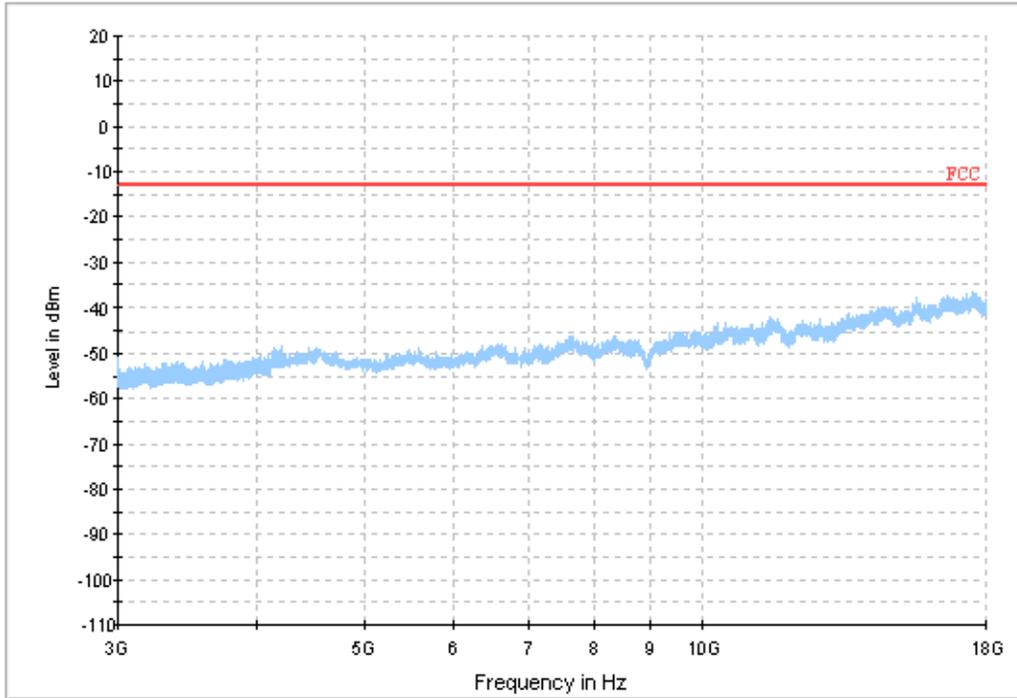
**7.1.2.1 Test Mode = UMTS/TM1**



Copy of FCC PART22 WCDMA850\_L

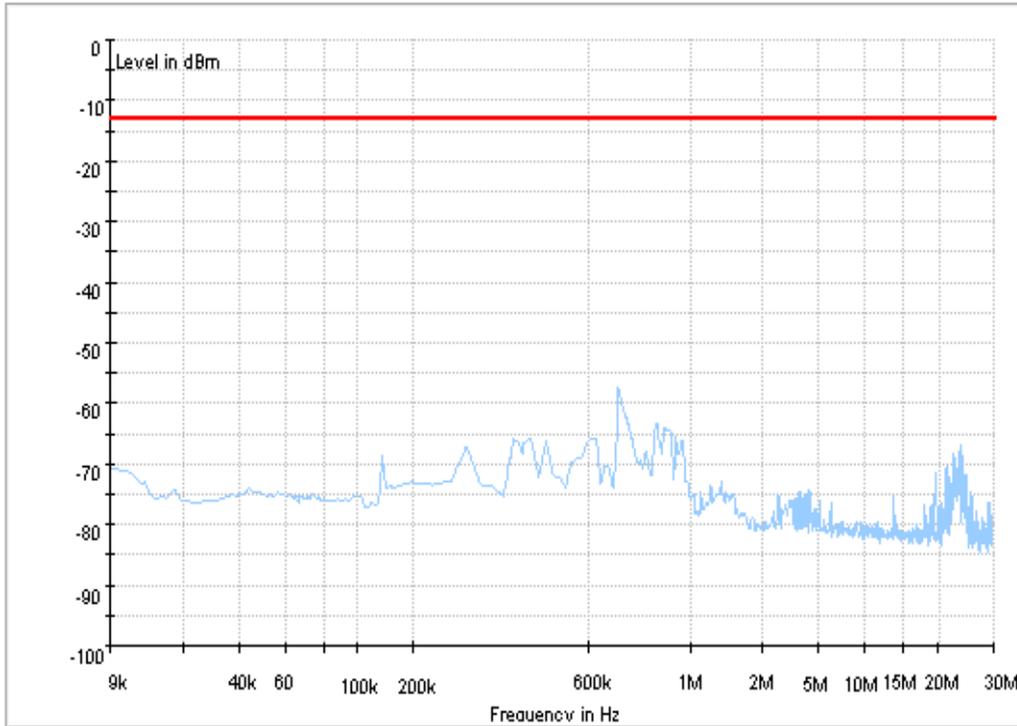


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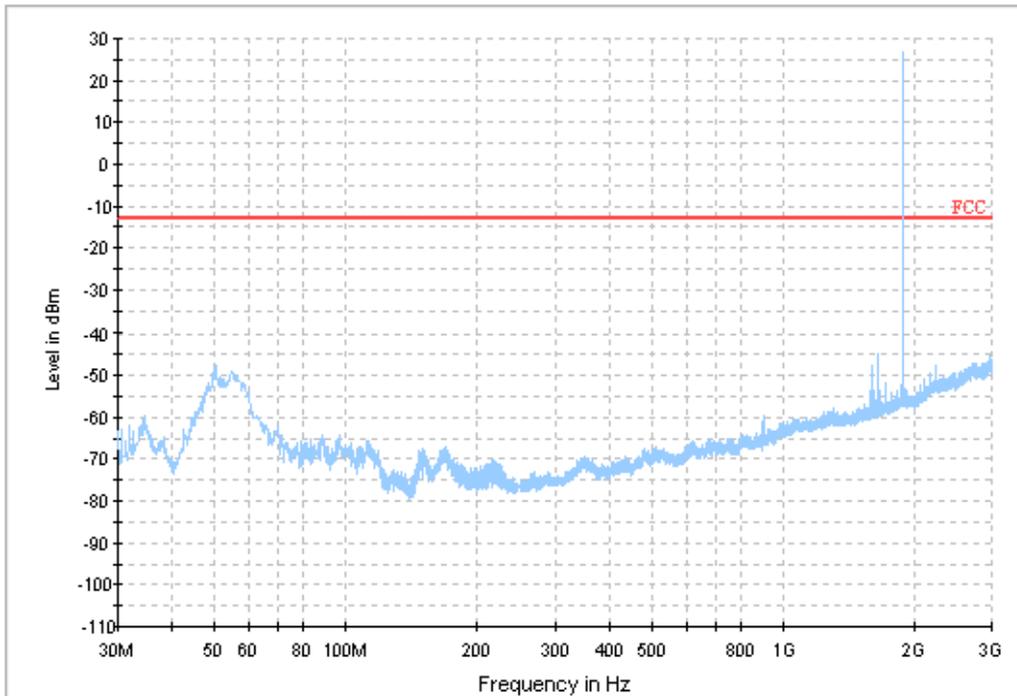


**7.1.3 Test Band = GSM1900**

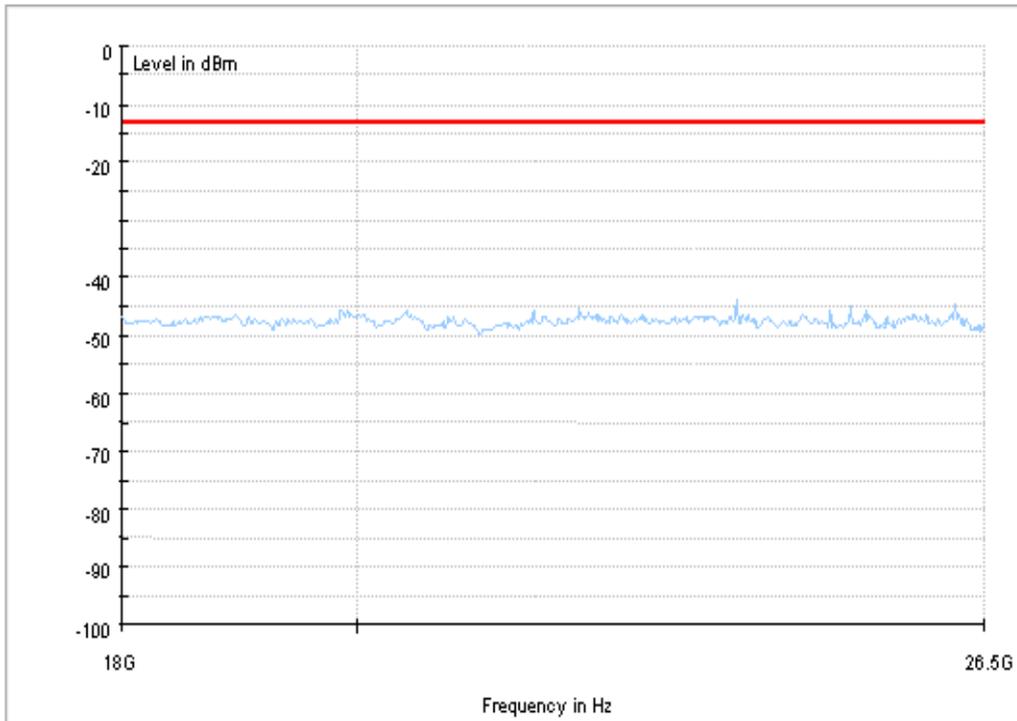
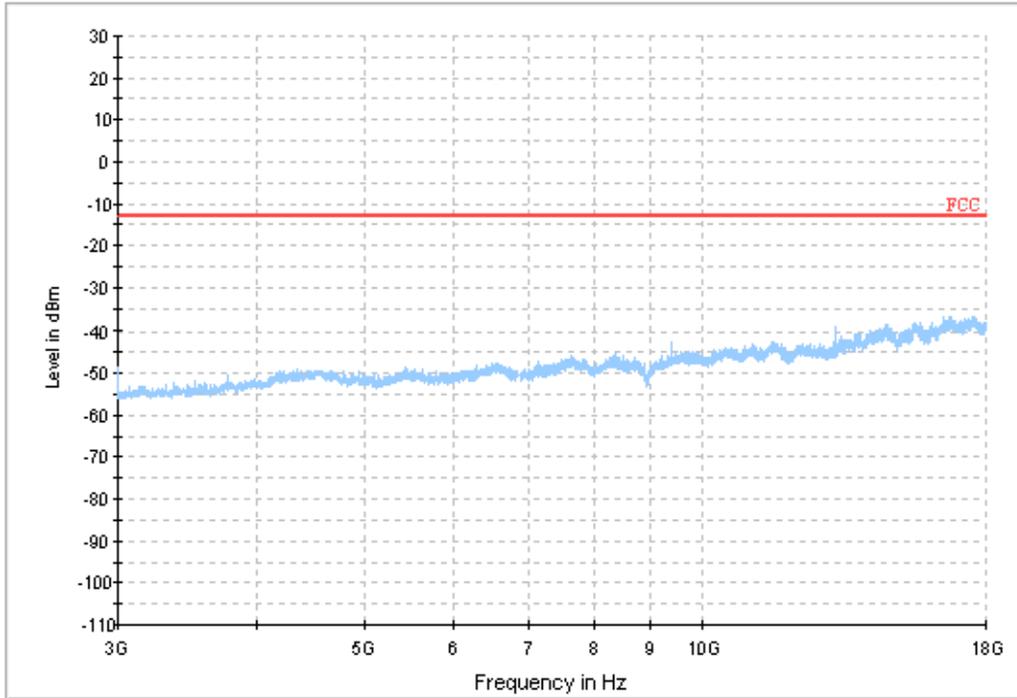
**7.1.3.1 Test Mode = GSM/TM1**



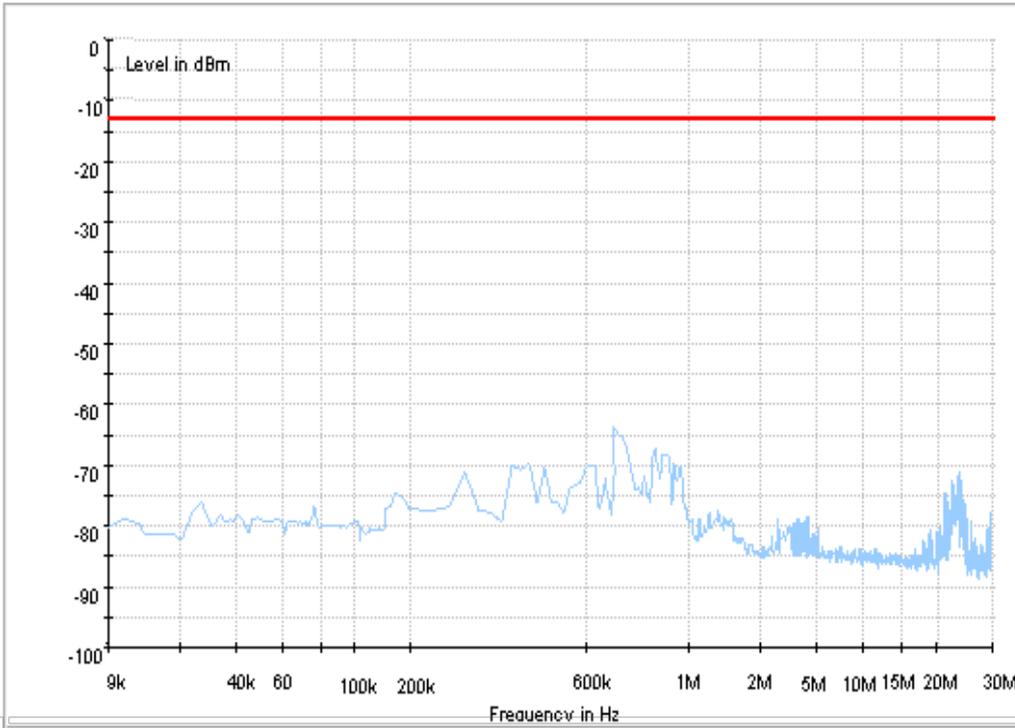
Copy of FCC PART24 GSM1900\_L



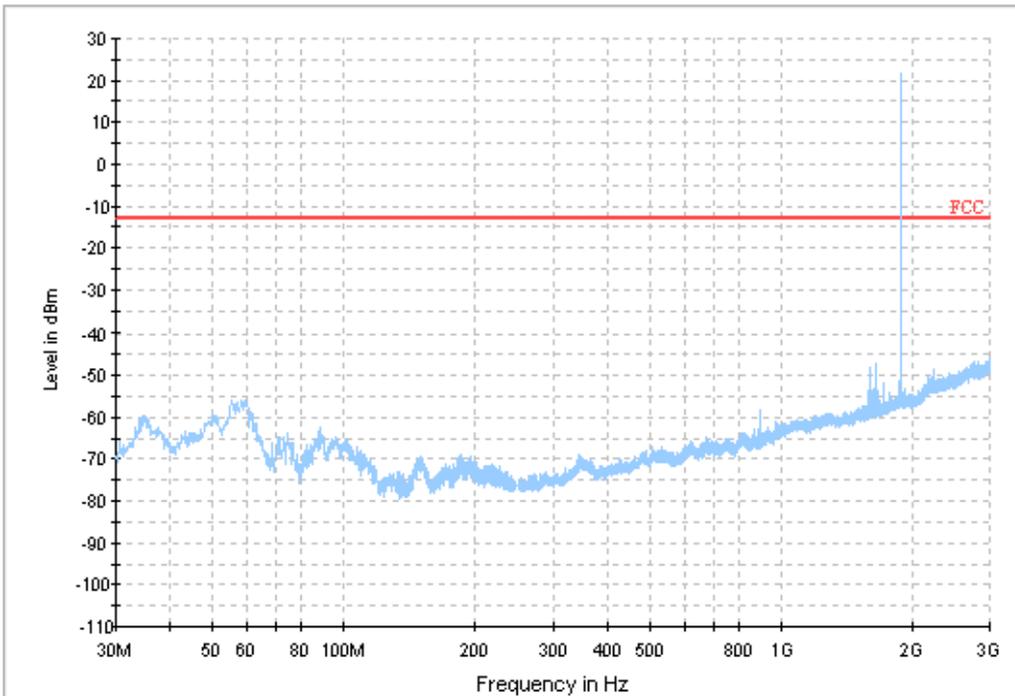
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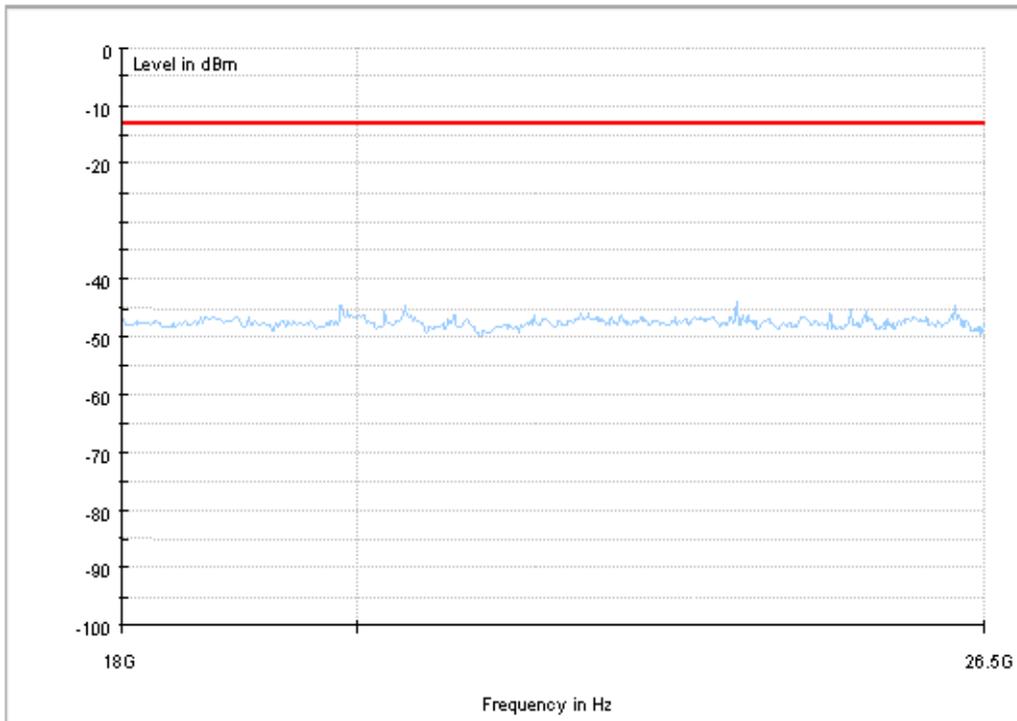
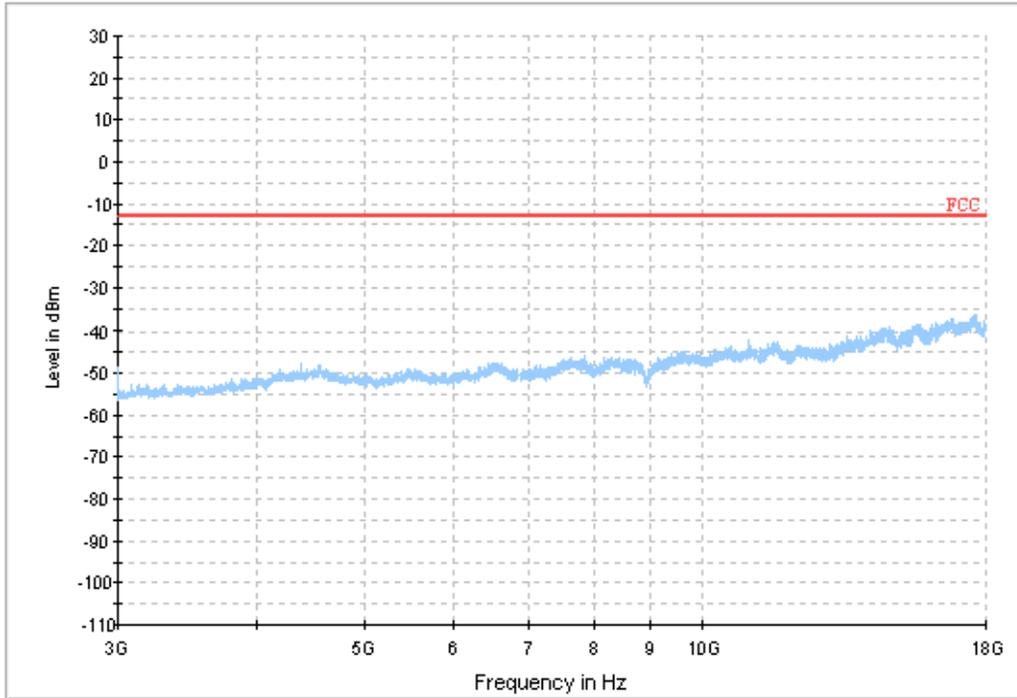
7.1.3.2 Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900\_L

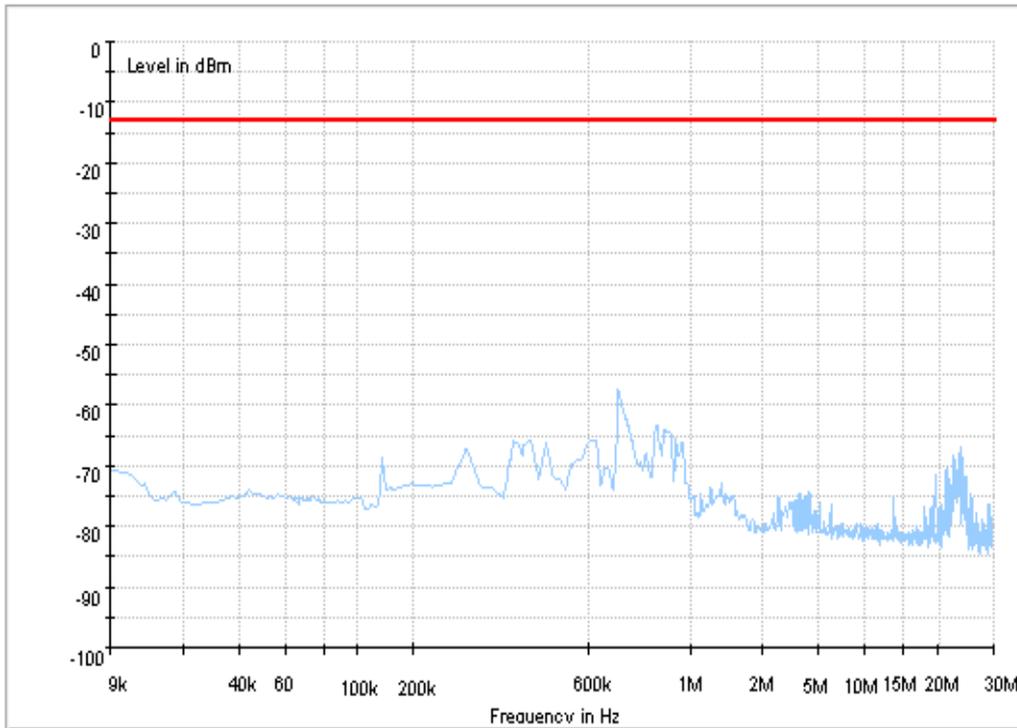


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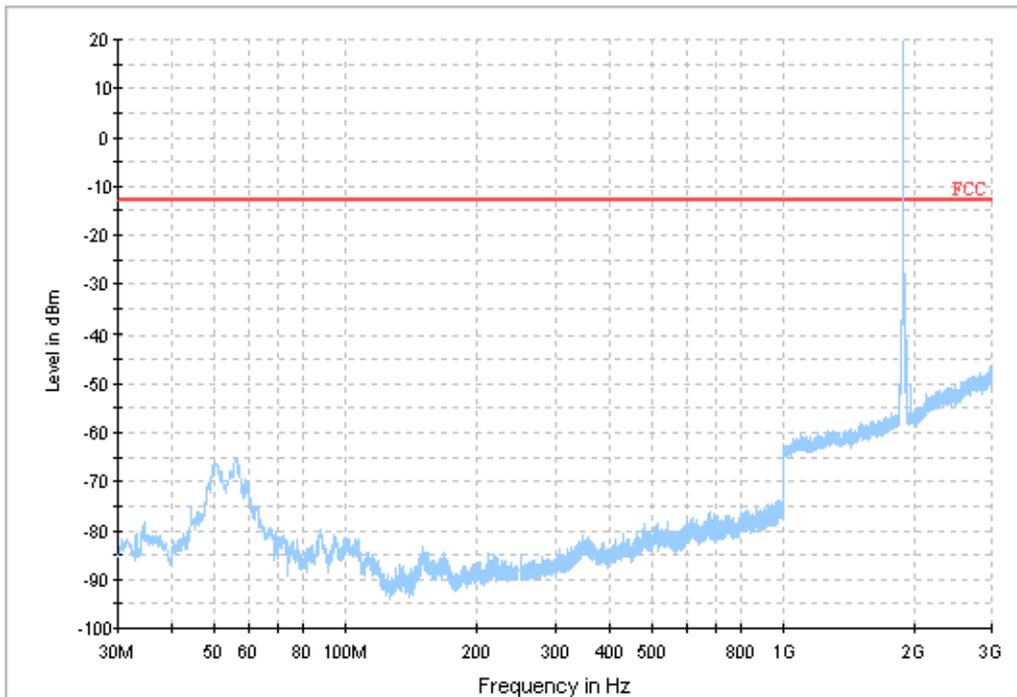


**7.1.4 Test Band = WCDMA1900**

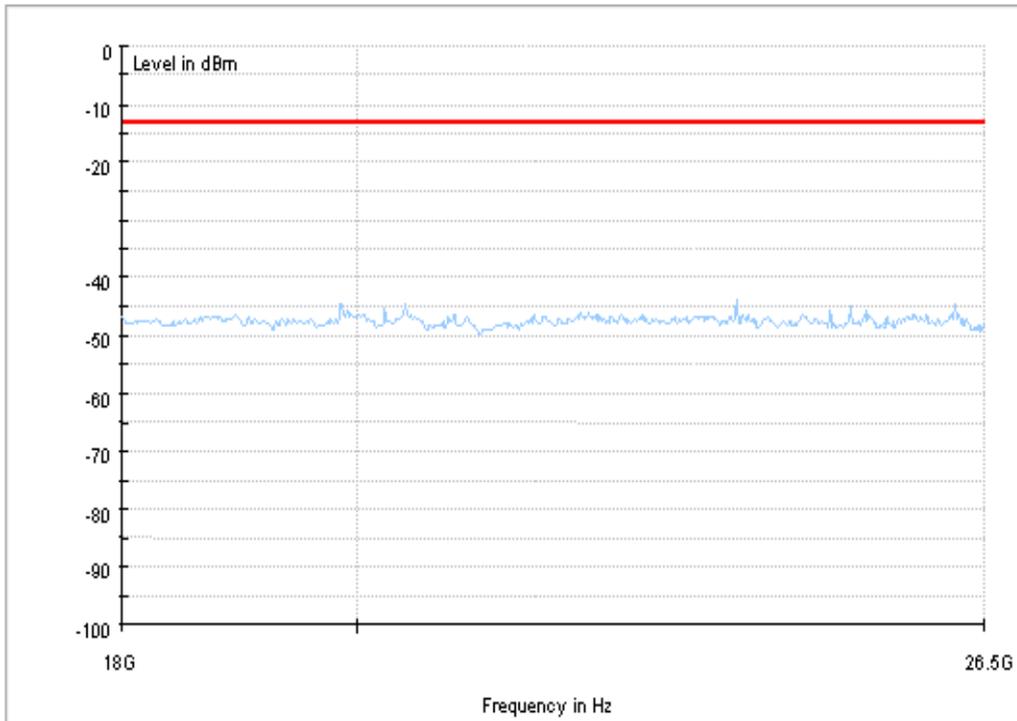
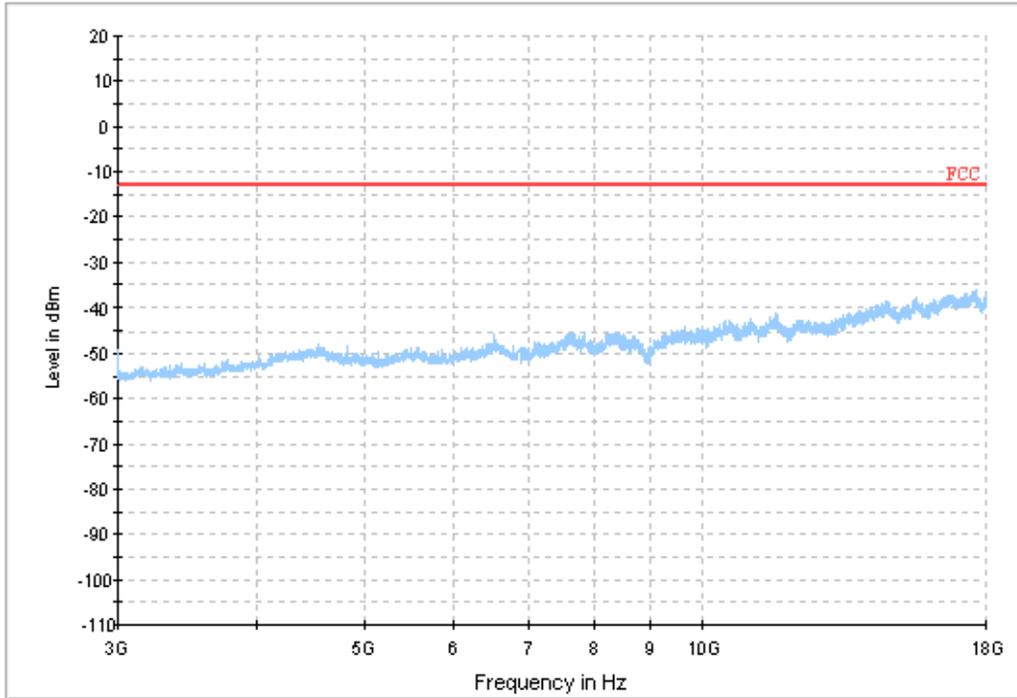
### 7.1.4.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900\_L



Copy of FCC PART24 WCDMA1900\_H



## 8Appendix\_H: Frequency Stability

### 8.1 For GSM

#### 8.1.1 Frequency 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	-0.97	-0.00118	PASS
				VN	-4.58	-0.00556	PASS
				VH	-12.14	-0.01473	PASS
		MCH	TN	VL	-5.88	-0.00703	PASS
				VN	-11.95	-0.01428	PASS
				VH	-7.36	-0.0088	PASS
		HCH	TN	VL	-3.1	-0.00365	PASS
				VN	-2.32	-0.00273	PASS
				VH	-5.81	-0.00684	PASS
	GSM/TM2	LCH	TN	VL	-11.07	-0.01343	PASS
				VN	-6.72	-0.00815	PASS
				VH	-7.72	-0.00937	PASS
		MCH	TN	VL	-4.04	-0.00483	PASS
				VN	-5.75	-0.00687	PASS
				VH	-7.81	-0.00934	PASS
		HCH	TN	VL	-6.52	-0.00768	PASS
				VN	-4.23	-0.00498	PASS
				VH	-3.78	-0.00445	PASS
WCDMA850	UMTS/TM1	LCH	TN	VL	13.81	0.01671	PASS
				VN	0.31	0.00038	PASS
				VH	-6.12	-0.00741	PASS
		MCH	TN	VL	-5.58	-0.00667	PASS
				VN	-5.45	-0.00652	PASS
				VH	-5.84	-0.00698	PASS
		HCH	TN	VL	7.71	0.00911	PASS
				VN	-5.05	-0.00597	PASS
				VH	-7.89	-0.00932	PASS
GSM1900	GSM/TM1	LCH	TN	VL	24.41	0.01319	PASS
				VN	21.5	0.01162	PASS
				VH	20.28	0.01096	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		MCH	TN	VL	2.52	0.00134	PASS	
				VN	12.2	0.00649	PASS	
				VH	9.3	0.00495	PASS	
		HCH	TN	VL	7.75	0.00406	PASS	
				VN	16.72	0.00875	PASS	
				VH	11.82	0.00619	PASS	
	GSM/TM2	LCH	TN	VL	14.82	0.00801	PASS	
				VN	23.37	0.01263	PASS	
				VH	25.67	0.01387	PASS	
		MCH	TN	VL	16.05	0.00854	PASS	
				VN	17.85	0.00949	PASS	
				VH	9.17	0.00488	PASS	
		HCH	TN	VL	33.9	0.01775	PASS	
				VN	21.21	0.01111	PASS	
				VH	6.62	0.00347	PASS	
	WCDMA1900	UMTS/TM1	LCH	TN	VL	-11.95	-0.00645	PASS
					VN	2.06	0.00111	PASS
					VH	3.22	0.00174	PASS
MCH			TN	VL	-2.87	-0.00153	PASS	
				VN	0.21	0.00011	PASS	
				VH	4.84	0.00257	PASS	
HCH			TN	VL	-6.93	-0.00363	PASS	
				VN	-1.83	-0.00096	PASS	
				VH	9.12	0.00478	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	-5.75	-0.00698	PASS
				-20	-11.49	-0.01394	PASS
				-10	-12.4	-0.01504	PASS
				0	-12.91	-0.01566	PASS
				10	-7.17	-0.0087	PASS
				20	-9.49	-0.01151	PASS
				30	-8.27	-0.01003	PASS
				40	-8.91	-0.01081	PASS
				50	-3.23	-0.00392	PASS
		MCH	VN	-30	0.71	0.00085	PASS
				-20	-4.2	-0.00502	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				-10	-4.78	-0.00571	PASS		
				0	-5.36	-0.00641	PASS		
				10	-5.68	-0.00679	PASS		
				20	-6.13	-0.00733	PASS		
				30	-6.46	-0.00772	PASS		
				40	-4.84	-0.00579	PASS		
		50	-3.94	-0.00471	PASS				
		HCH	VN	-30	1.74	0.00205	PASS		
				-20	6.01	0.00708	PASS		
				-10	-26.8	-0.03157	PASS		
				0	-11.24	-0.01324	PASS		
				10	-11.75	-0.01384	PASS		
				20	-21.37	-0.02518	PASS		
		LCH	VN	30	-23.05	-0.02716	PASS		
				40	-43.59	-0.05135	PASS		
				50	-2.84	-0.00335	PASS		
				-30	-0.97	-0.00118	PASS		
				-20	-9.01	-0.01093	PASS		
	-10			-11.49	-0.01394	PASS			
	GSM/TM2	LCH	VN	0	-12.82	-0.01555	PASS		
				10	-9.72	-0.01179	PASS		
				20	-12.14	-0.01473	PASS		
				30	-12.88	-0.01563	PASS		
				40	-14.33	-0.01739	PASS		
				50	-12.98	-0.01575	PASS		
				MCH	VN	-30	-6.59	-0.00788	PASS
						-20	-11.3	-0.01351	PASS
						-10	-11.07	-0.01323	PASS
		0	-12.2			-0.01458	PASS		
		10	-14.79			-0.01768	PASS		
		20	-15.05			-0.01799	PASS		
		30	-16.01			-0.01914	PASS		
		40	-13.66			-0.01633	PASS		
		50	-12.72			-0.0152	PASS		
		HCH	VN	-30	-8.56	-0.01008	PASS		
				-20	-10.2	-0.01202	PASS		
				-10	-6.36	-0.00749	PASS		
	0			-6.52	-0.00768	PASS			
	10			-9.91	-0.01168	PASS			
	20			-8.68	-0.01023	PASS			



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				30	-10.46	-0.01232	PASS
				40	-5.75	-0.00677	PASS
				50	-6.17	-0.00727	PASS
WCDMA850	UMTS/TM1	LCH	VN	-30	-6.18	-0.00748	PASS
				-20	9.86	0.01193	PASS
				-10	-0.31	-0.00038	PASS
				0	-1.48	-0.00179	PASS
				10	11.26	0.01363	PASS
				20	14.16	0.01713	PASS
				30	-3.34	-0.00404	PASS
				40	-7.93	-0.0096	PASS
				50	2.09	0.00253	PASS
		MCH	VN	-30	-5.48	-0.00655	PASS
				-20	-15.27	-0.01826	PASS
				-10	-9.7	-0.0116	PASS
				0	-2	-0.00239	PASS
				10	-7.23	-0.00864	PASS
				20	-0.06	-0.00007	PASS
				30	1.8	0.00215	PASS
				40	-8.22	-0.00983	PASS
				50	-10.83	-0.01295	PASS
		HCH	VN	-30	3.85	0.00455	PASS
				-20	-16.98	-0.02006	PASS
				-10	-1.89	-0.00223	PASS
				0	-9.41	-0.01112	PASS
				10	-20.75	-0.02451	PASS
				20	-13.29	-0.0157	PASS
				30	-4.52	-0.00534	PASS
				40	-4.21	-0.00497	PASS
				50	-6.42	-0.00758	PASS
GSM1900	GSM/TM1	LCH	VN	-30	26.93	0.01456	PASS
				-20	21.18	0.01145	PASS
				-10	21.7	0.01173	PASS
				0	2	0.00108	PASS
				10	10.2	0.00551	PASS
				20	18.66	0.01009	PASS
				30	9.62	0.0052	PASS
				40	10.14	0.00548	PASS
				50	22.99	0.01243	PASS
		MCH	VN	-30	-5.88	-0.00313	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				-20	-11.43	-0.00608	PASS		
				-10	-1.87	-0.00099	PASS		
				0	4.58	0.00244	PASS		
				10	0	0	PASS		
				20	-11.95	-0.00636	PASS		
				30	4.2	0.00223	PASS		
				40	1.16	0.00062	PASS		
				50	-21.11	-0.01123	PASS		
		HCH	VN	-30	1.74	0.00091	PASS		
				-20	-5.55	-0.00291	PASS		
				-10	-7.17	-0.00375	PASS		
				0	0.71	0.00037	PASS		
				10	-0.45	-0.00024	PASS		
				20	-2.2	-0.00115	PASS		
				30	5.75	0.00301	PASS		
				40	0.45	0.00024	PASS		
						-30	31.54	0.01705	PASS
						-20	22.54	0.01218	PASS
						-10	21.79	0.01178	PASS
						0	29.28	0.01583	PASS
						10	16.01	0.00865	PASS
						20	26.67	0.01441	PASS
				LCH	VN	30	18.69	0.0101	PASS
						40	18.73	0.01012	PASS
						50	28.73	0.01553	PASS
						-30	6.46	0.00344	PASS
						-20	10.2	0.00543	PASS
						-10	22.7	0.01207	PASS
	MCH	VN	0	-1.61	-0.00086	PASS			
			10	7.62	0.00405	PASS			
			20	-1.13	-0.0006	PASS			
			30	-2.91	-0.00155	PASS			
			40	3.81	0.00203	PASS			
			50	10.78	0.00573	PASS			
			HCH	VN	-30	7.36	0.00385	PASS	
					-20	9.23	0.00483	PASS	
	-10	-9.1			-0.00476	PASS			
	0	-1.32			-0.00069	PASS			
	10	1.49			0.00078	PASS			



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				20	-6.59	-0.00345	PASS
				30	-14.63	-0.00766	PASS
				40	-10.91	-0.00571	PASS
				50	-12.85	-0.00673	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	-19.09	-0.01031	PASS
				-20	-15.18	-0.00819	PASS
				-10	5.8	0.00313	PASS
				0	7.37	0.00398	PASS
				10	16.14	0.00871	PASS
				20	-24.23	-0.01308	PASS
				30	14.16	0.00764	PASS
				40	7.72	0.00417	PASS
		50	16.4	0.00885	PASS		
		MCH	VN	-30	-4.67	-0.00248	PASS
				-20	-9.84	-0.00523	PASS
				-10	16.49	0.00877	PASS
				0	6.84	0.00364	PASS
				10	-13.09	-0.00696	PASS
				20	4.61	0.00245	PASS
				30	3.13	0.00166	PASS
				40	-39.37	-0.02094	PASS
		50	0.7	0.00037	PASS		
		HCH	VN	-30	-10.13	-0.00531	PASS
				-20	3.8	0.00199	PASS
				-10	-7.83	-0.0041	PASS
				0	4.33	0.00227	PASS
				10	-14.65	-0.00768	PASS
				20	2.55	0.00134	PASS
				30	-5.71	-0.00299	PASS
				40	5.45	0.00286	PASS
		50	-6.2	-0.00325	PASS		

END