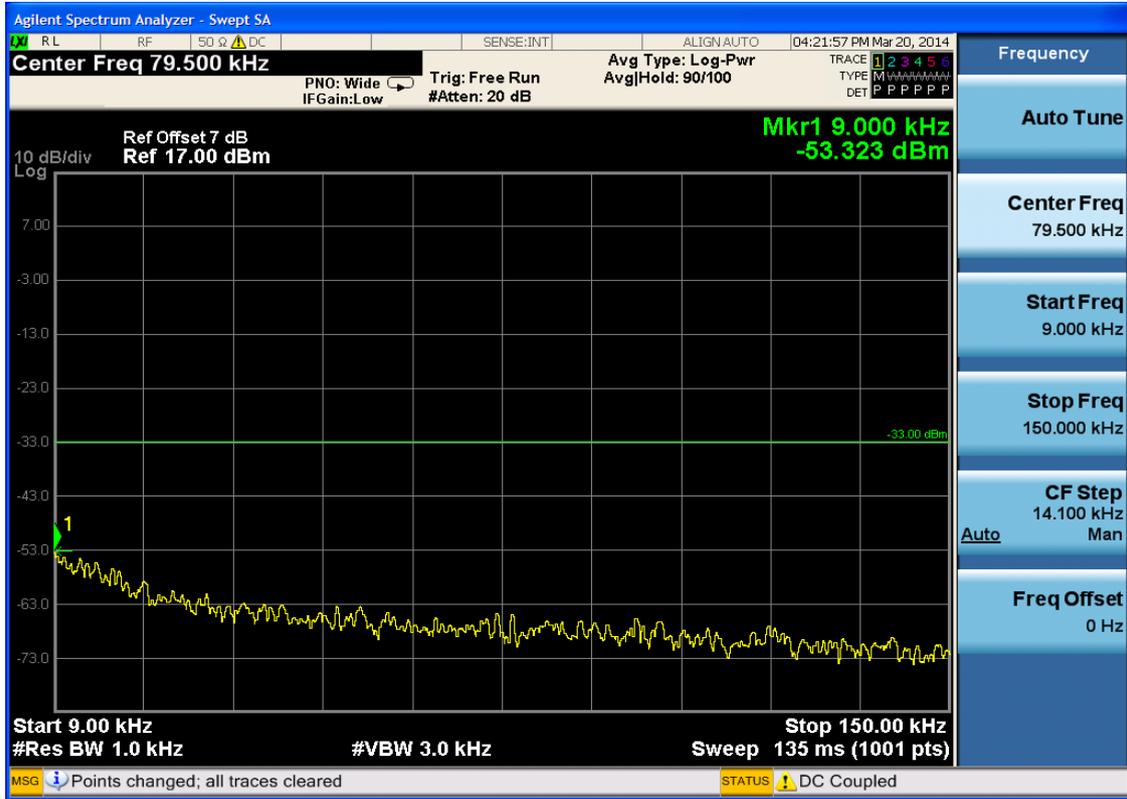
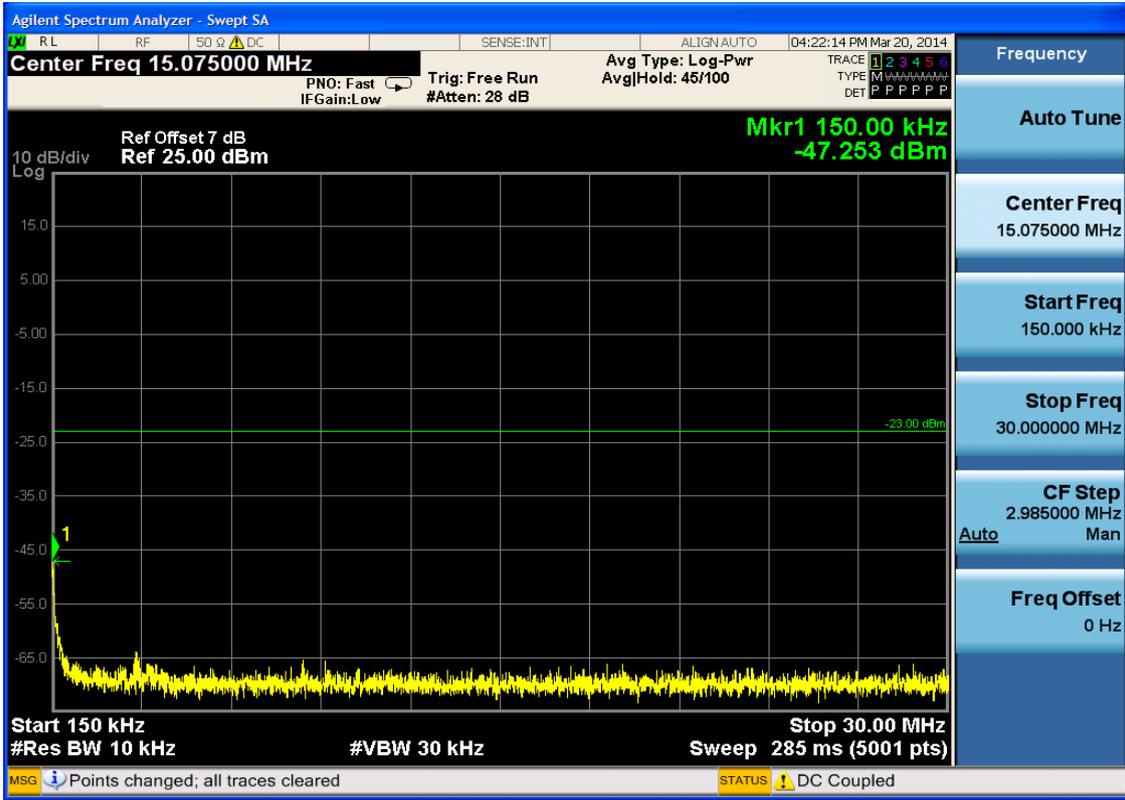
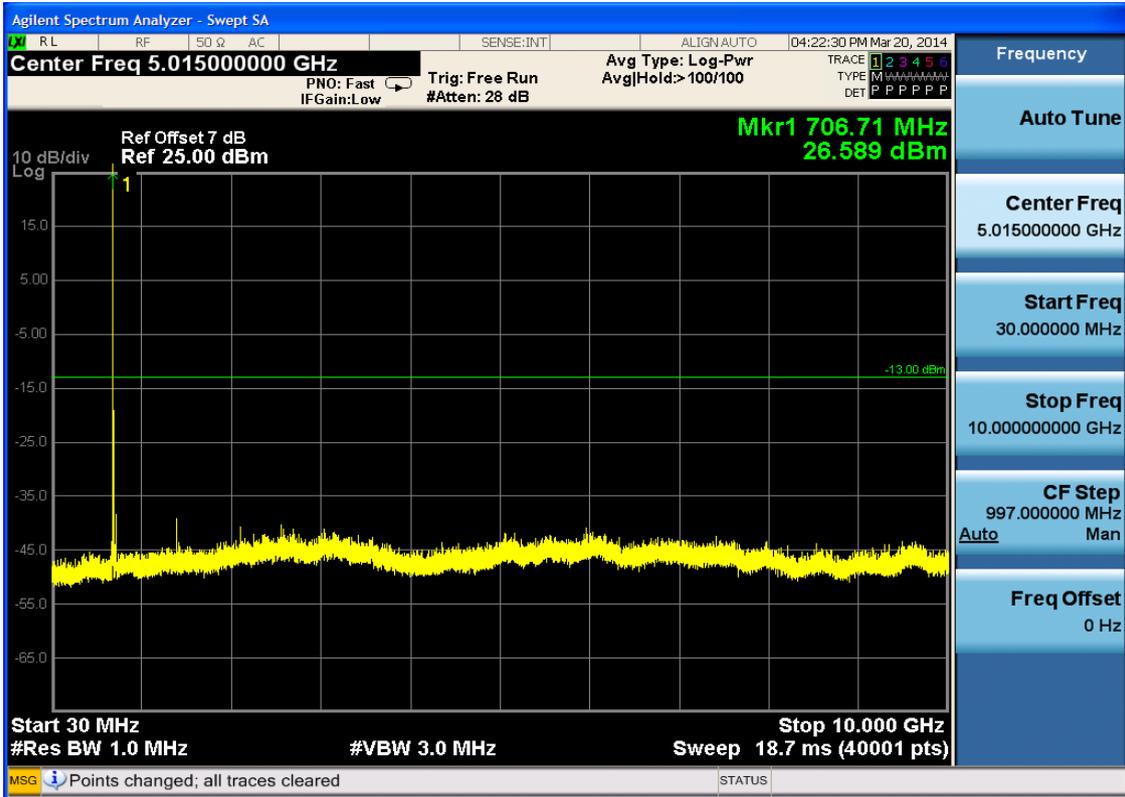


6.3.4.2.2.3 Test Channel = HCH

6.3.4.2.2.3.1 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

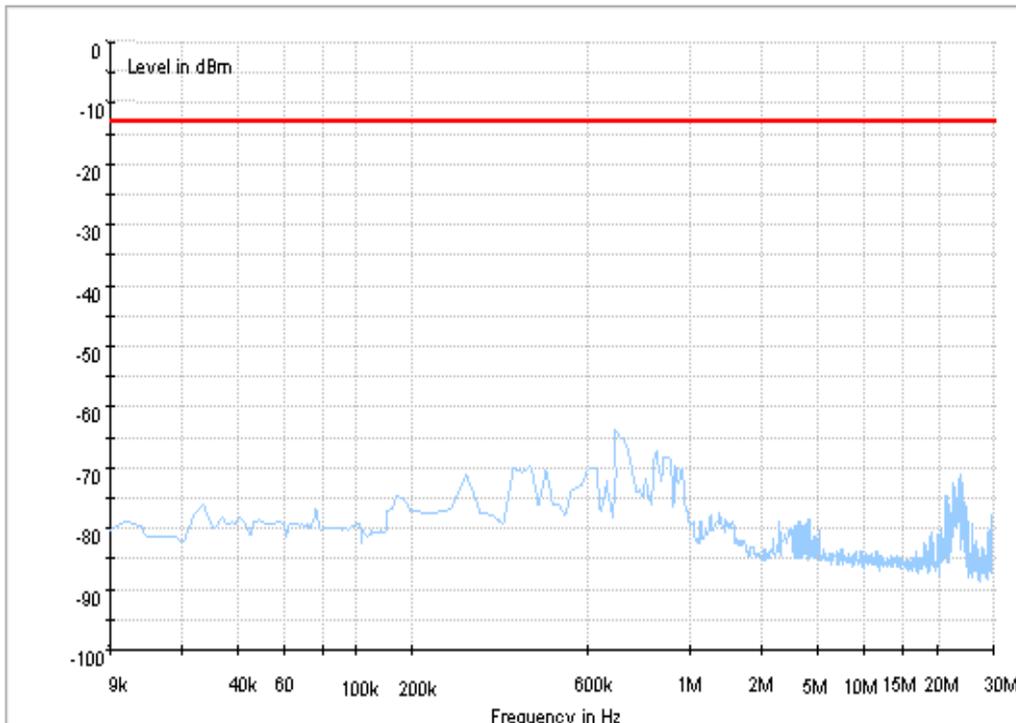
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

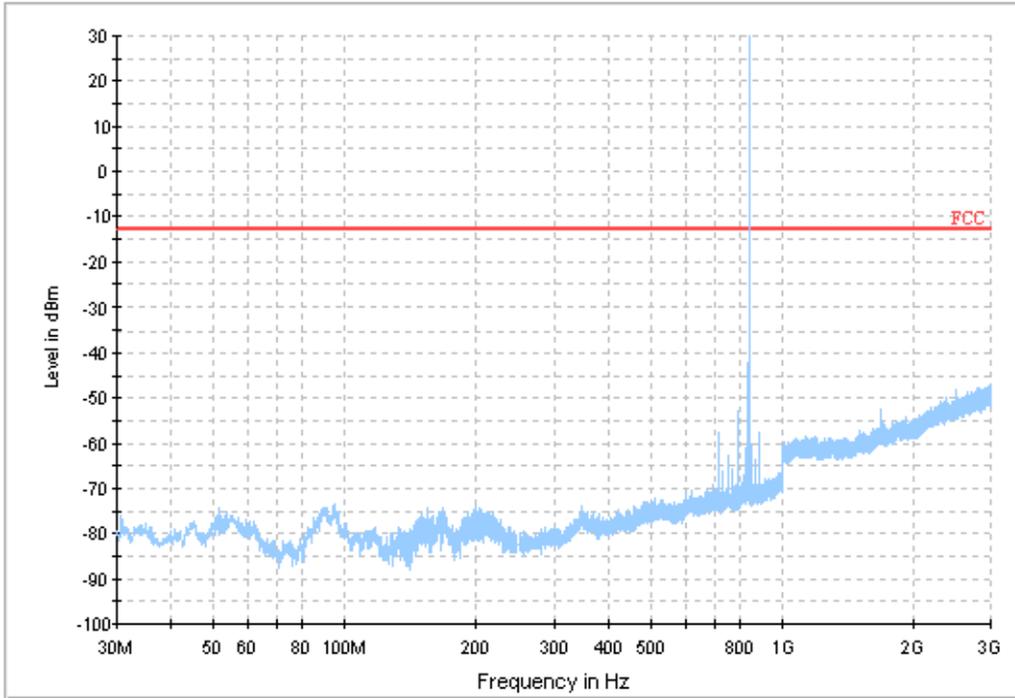
#### 7.1 For GSM

##### 7.1.1 Test Band = GSM850

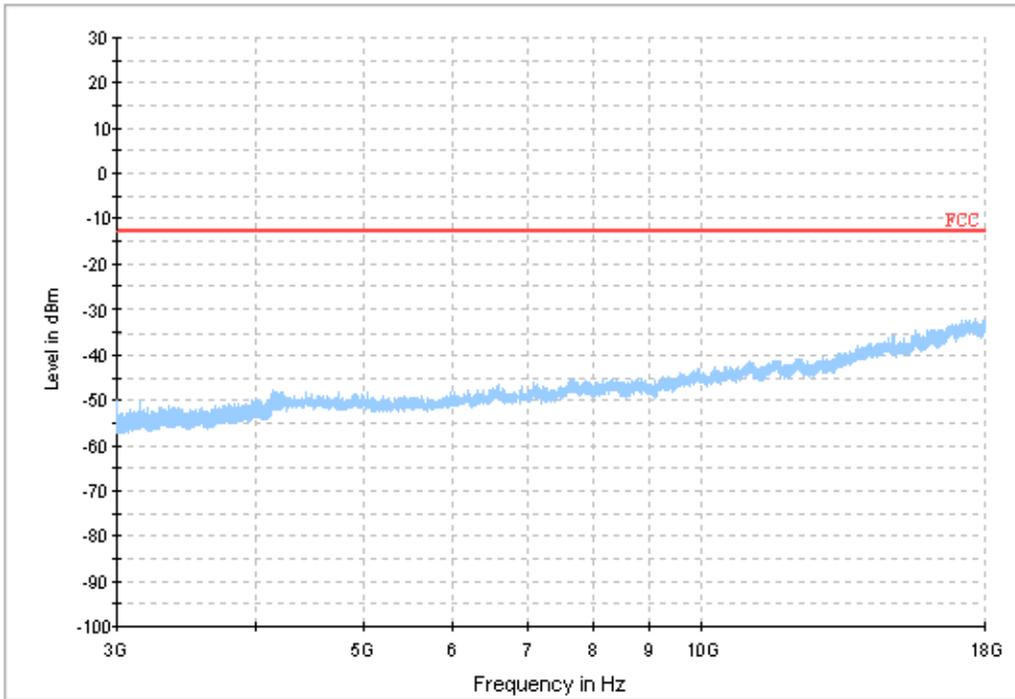
##### 7.1.1.1 Test Mode = GSM/TM1



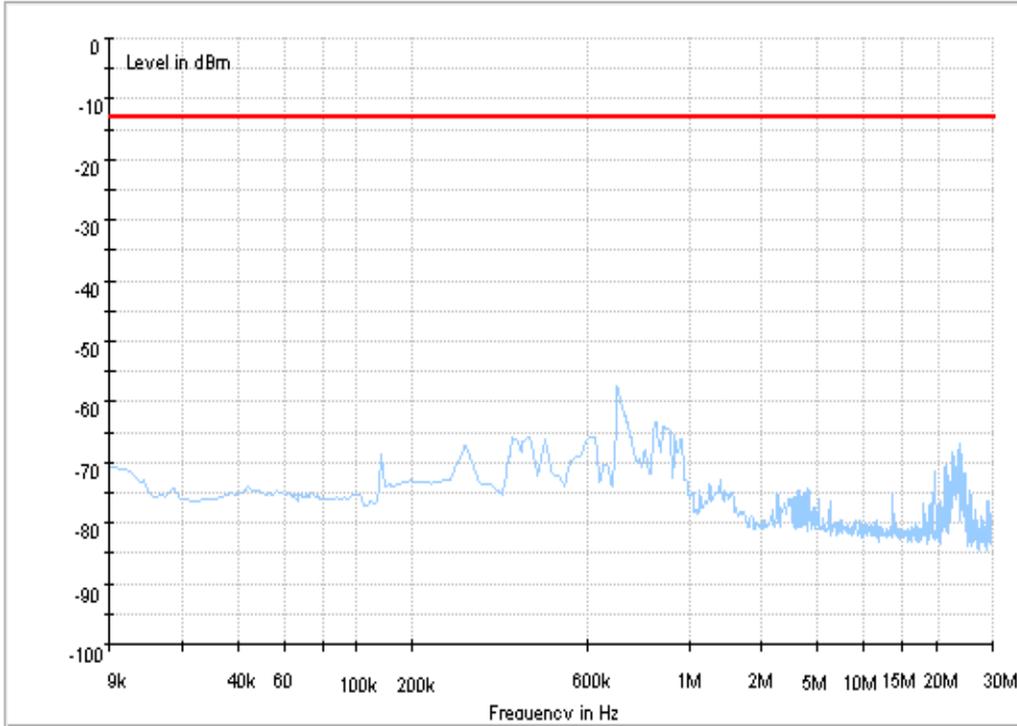
Copy of FCC PART22 GSM850\_L



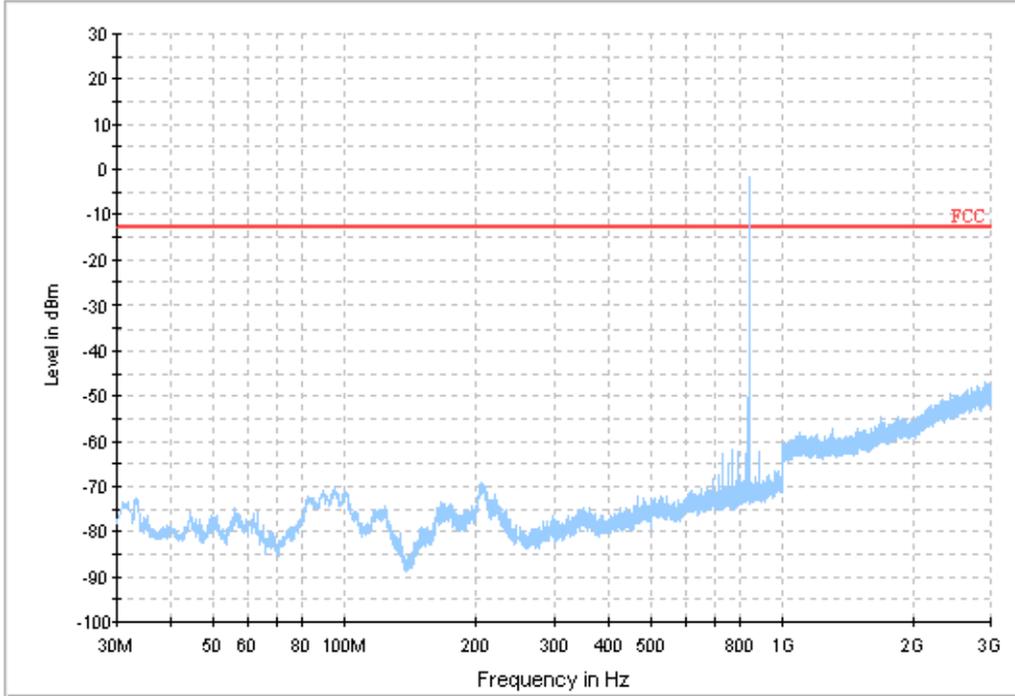
Copy of FCC PART22 GSM850\_H



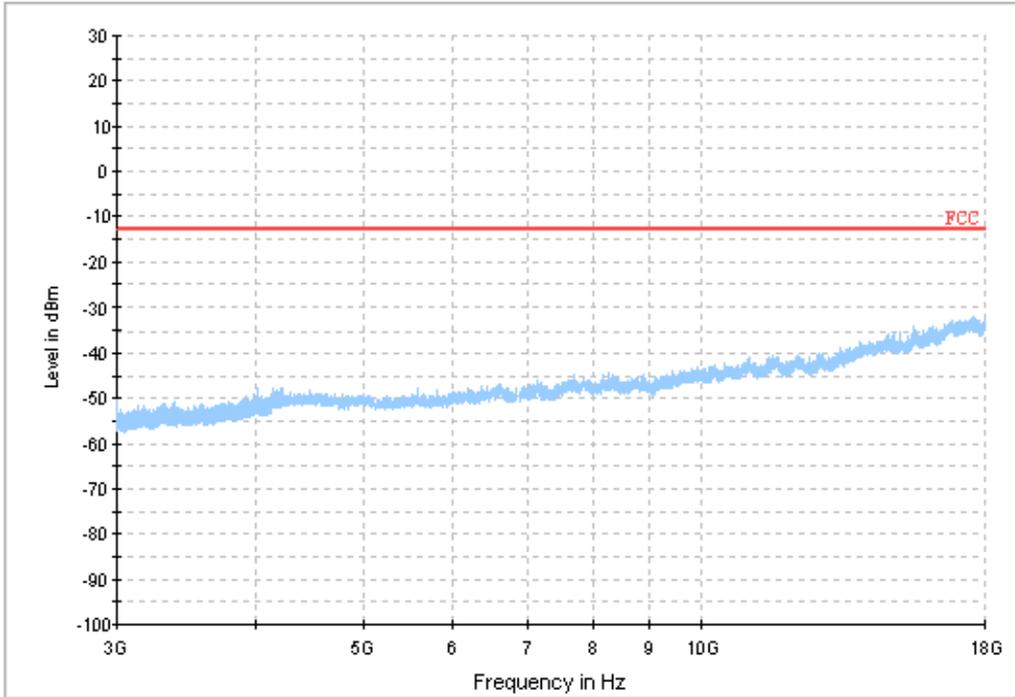
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850\_L

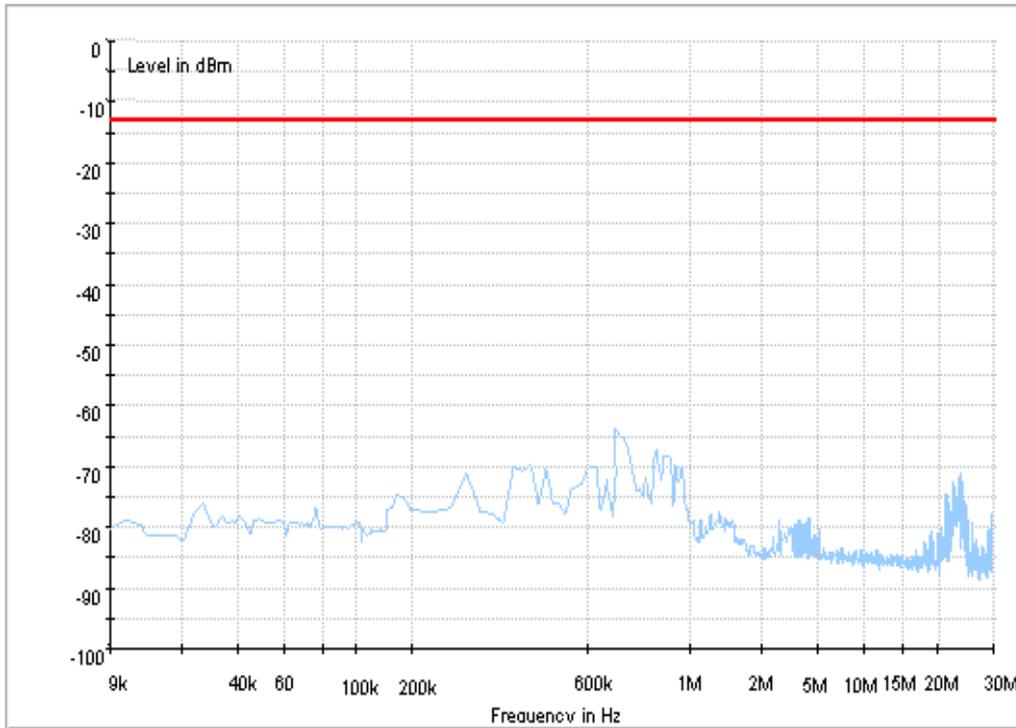


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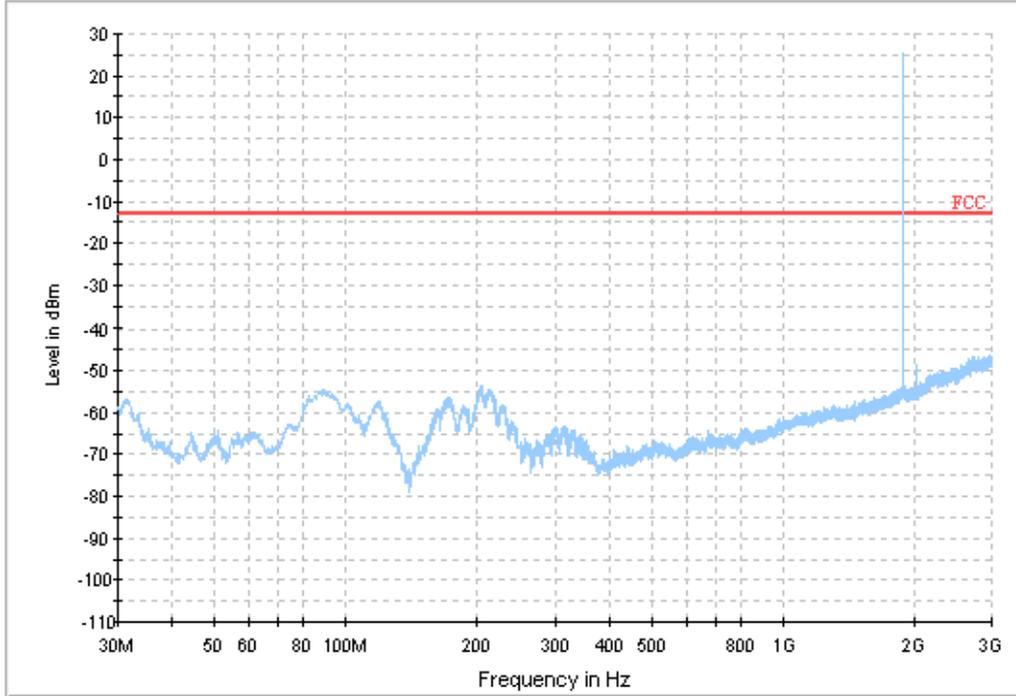


### 7.1.2 Test Band = GSM1900

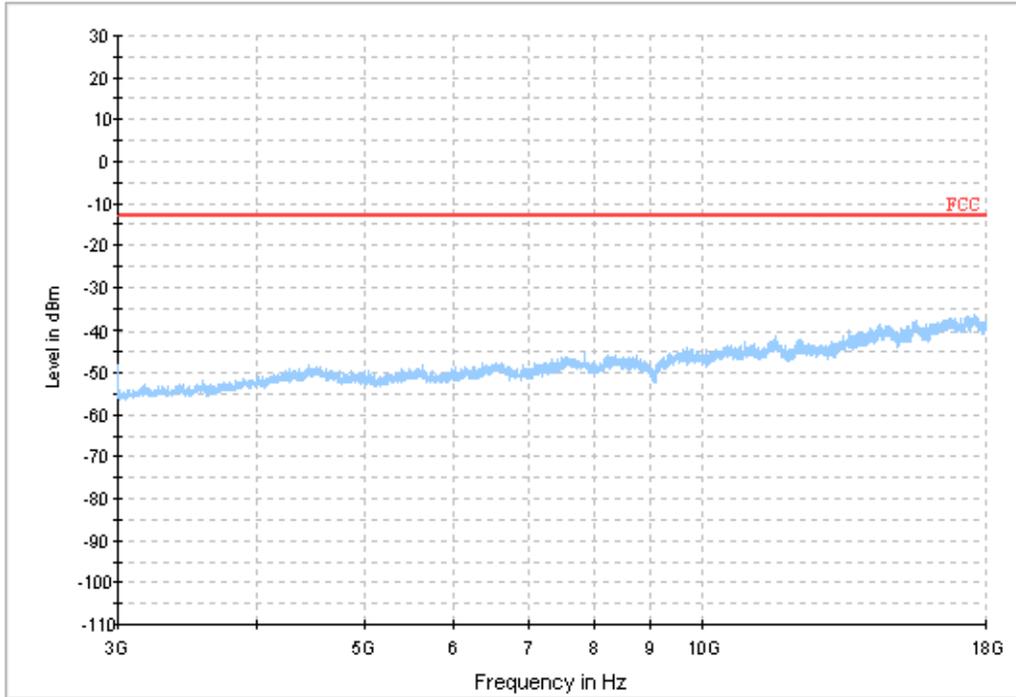
#### 7.1.2.1 Test Mode = GSM/TM1

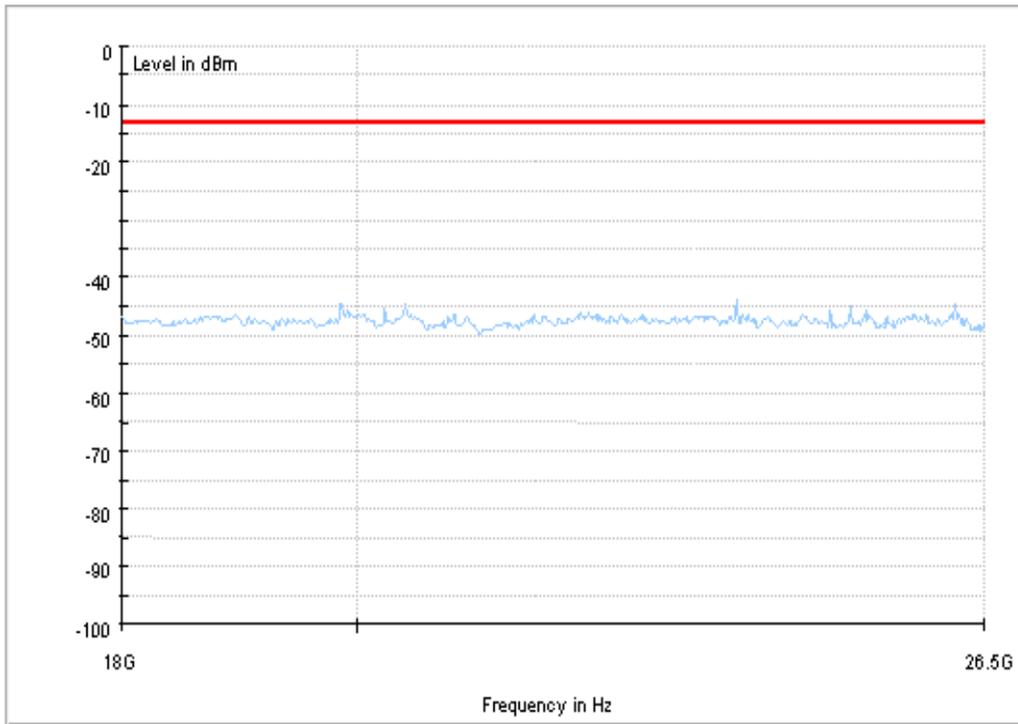


Copy of FCC PART24 GSM1900\_L

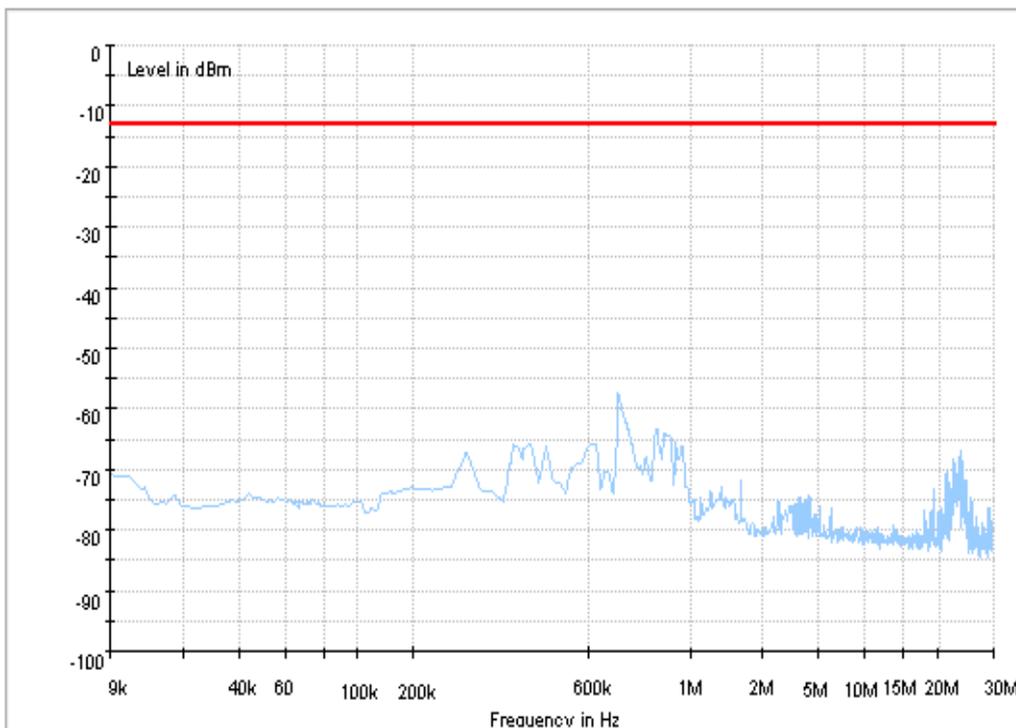


Copy of FCC PART24 GSM1900\_H

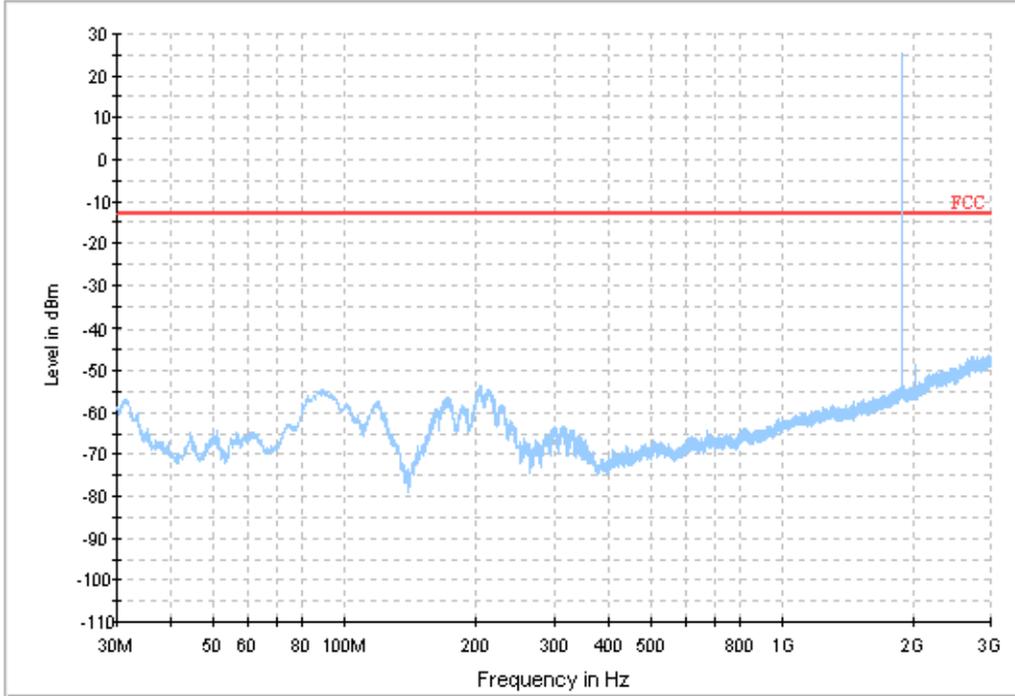




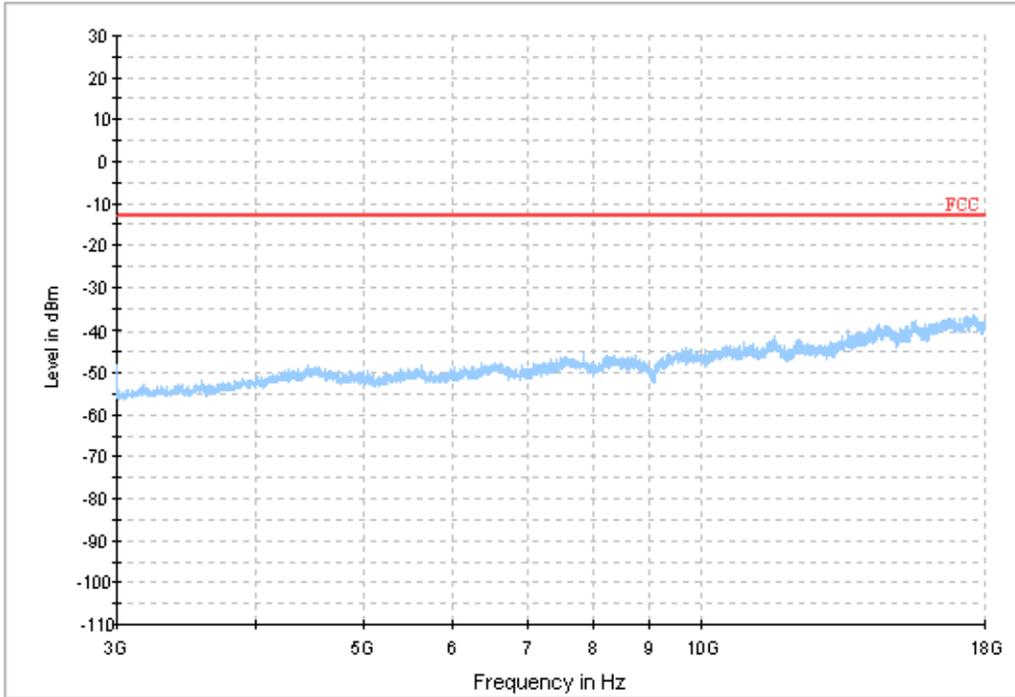
### 7.1.2.2 Test Mode = GSM/TM2

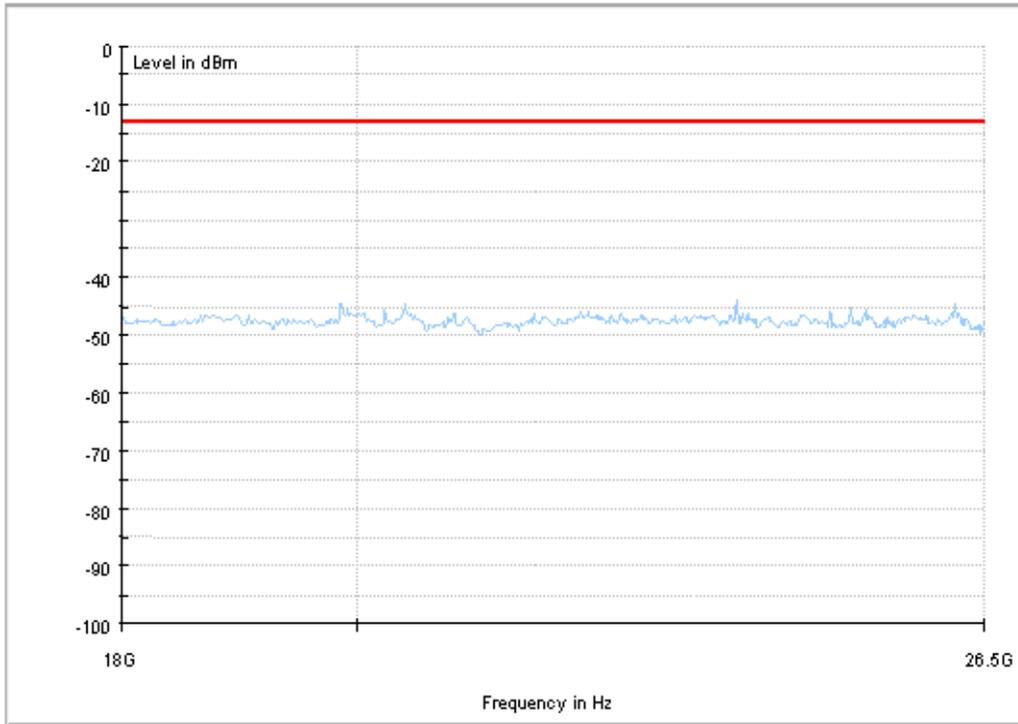


Copy of FCC PART24 GSM1900\_L



Copy of FCC PART24 GSM1900\_H

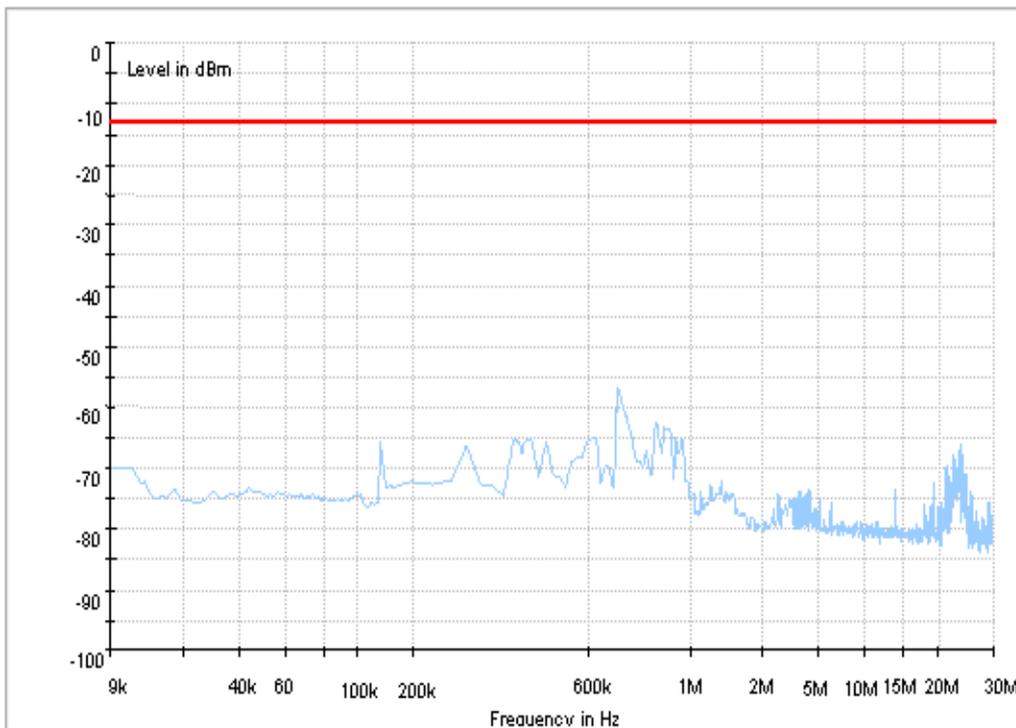




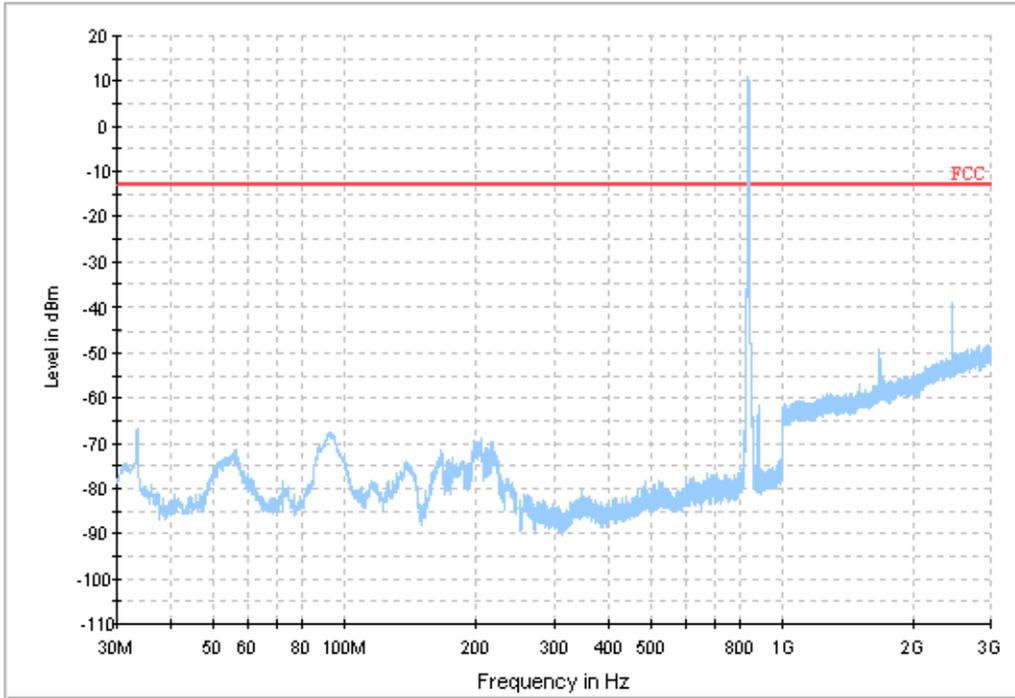
## 7.2 For UMTS

### 7.2.1 Test Band = WCDMA850

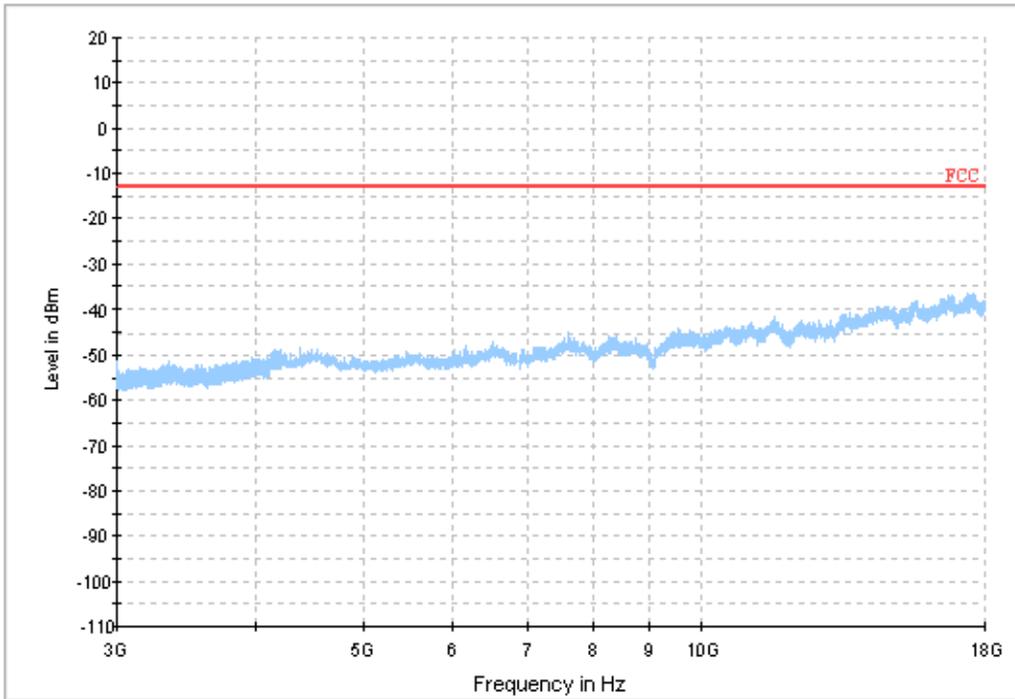
#### 7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850\_L

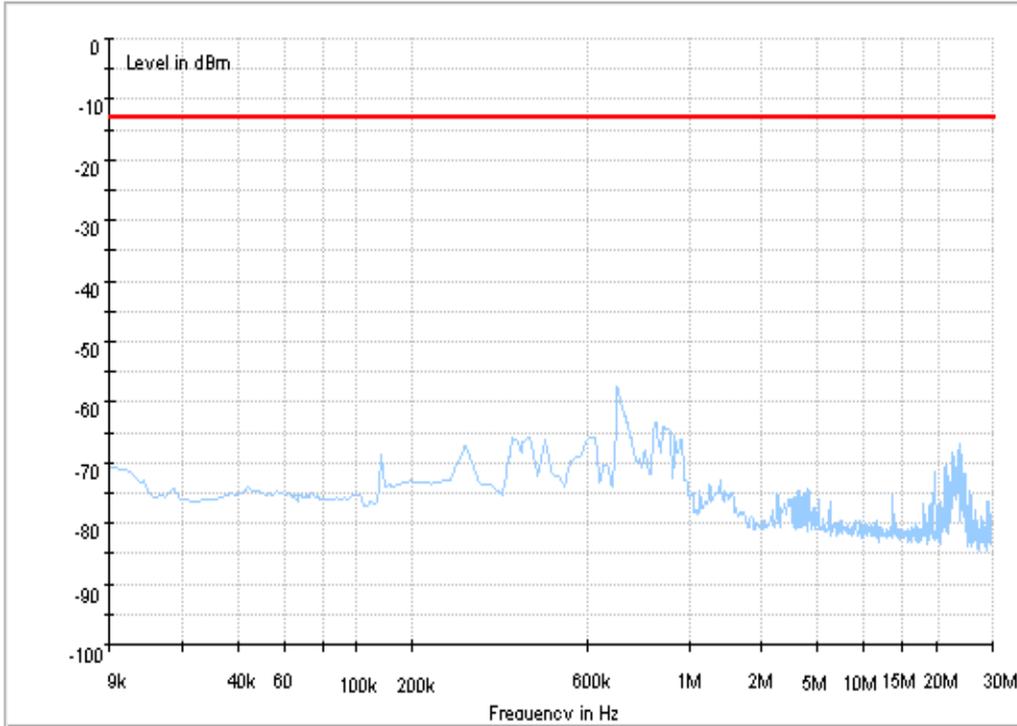


Copy of FCC PART22 WCDMA850\_H

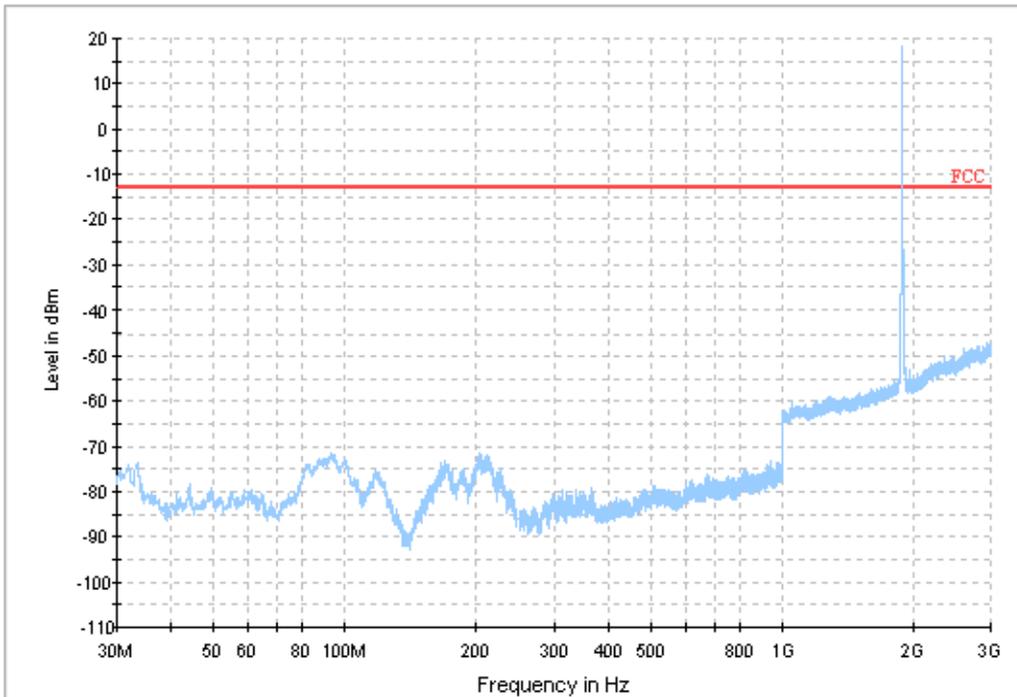


### 7.2.2 Test Band = WCDMA1900

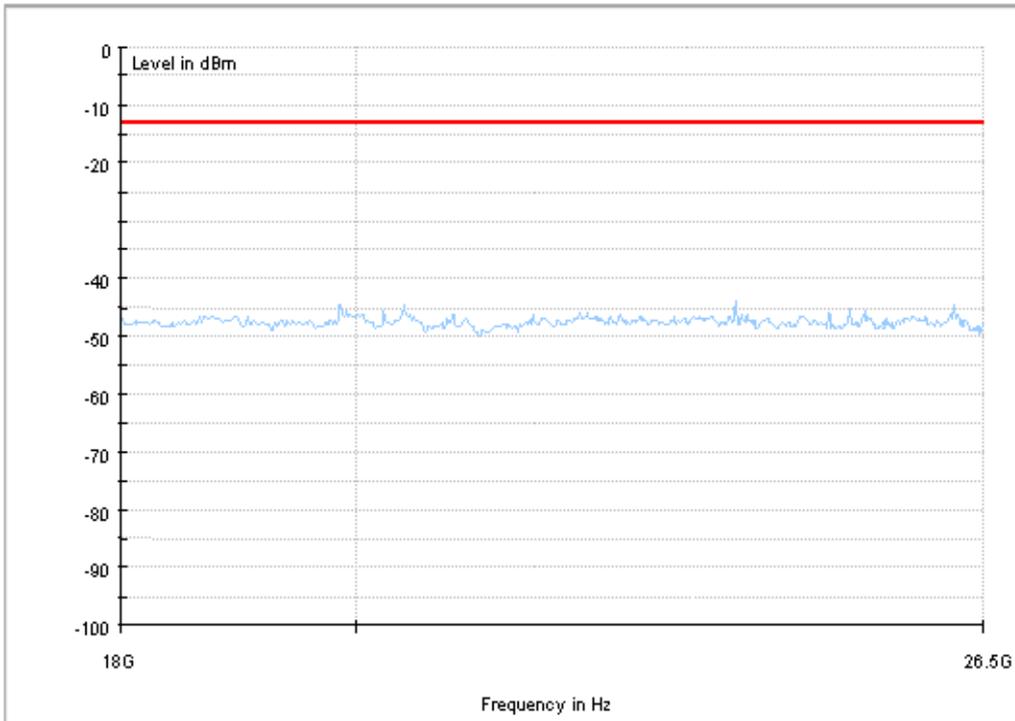
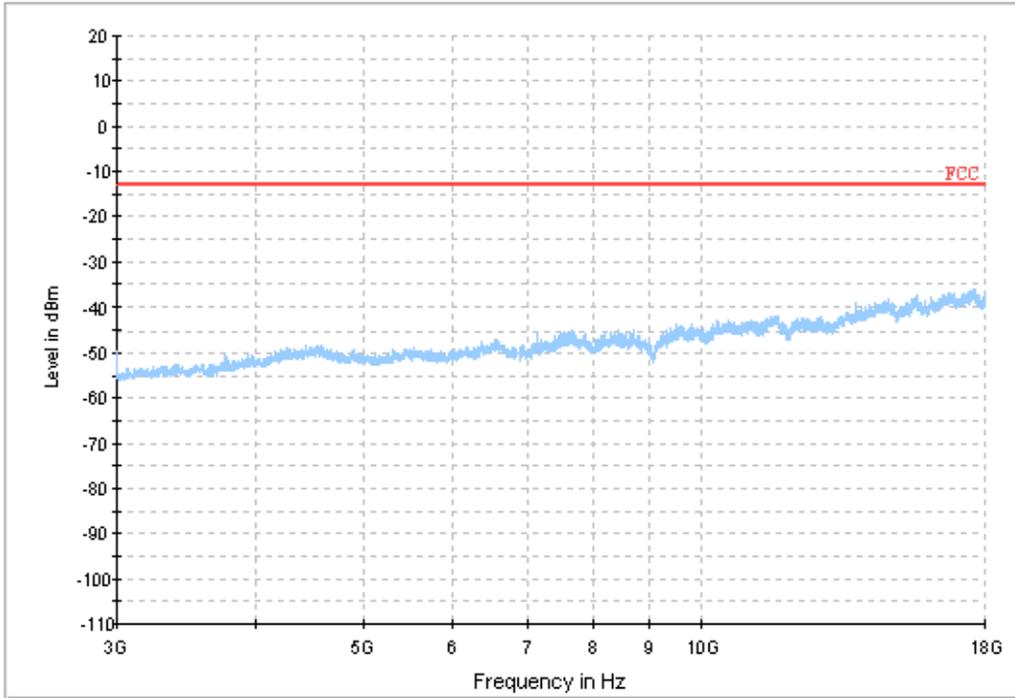
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900\_L

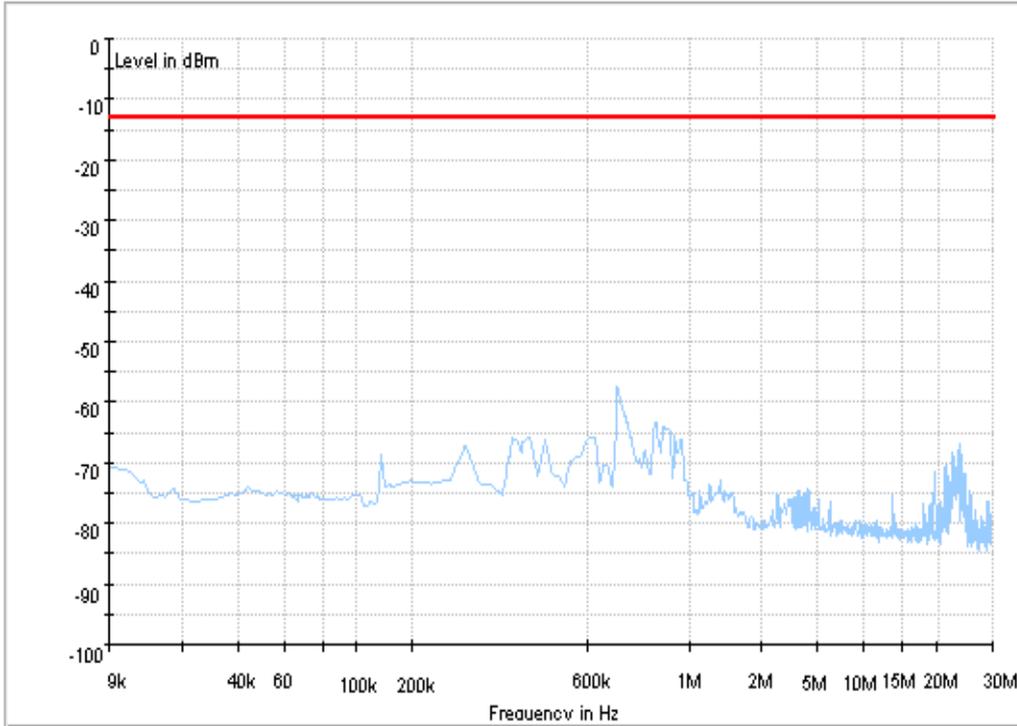


Copy of FCC PART24 WCDMA1900\_H

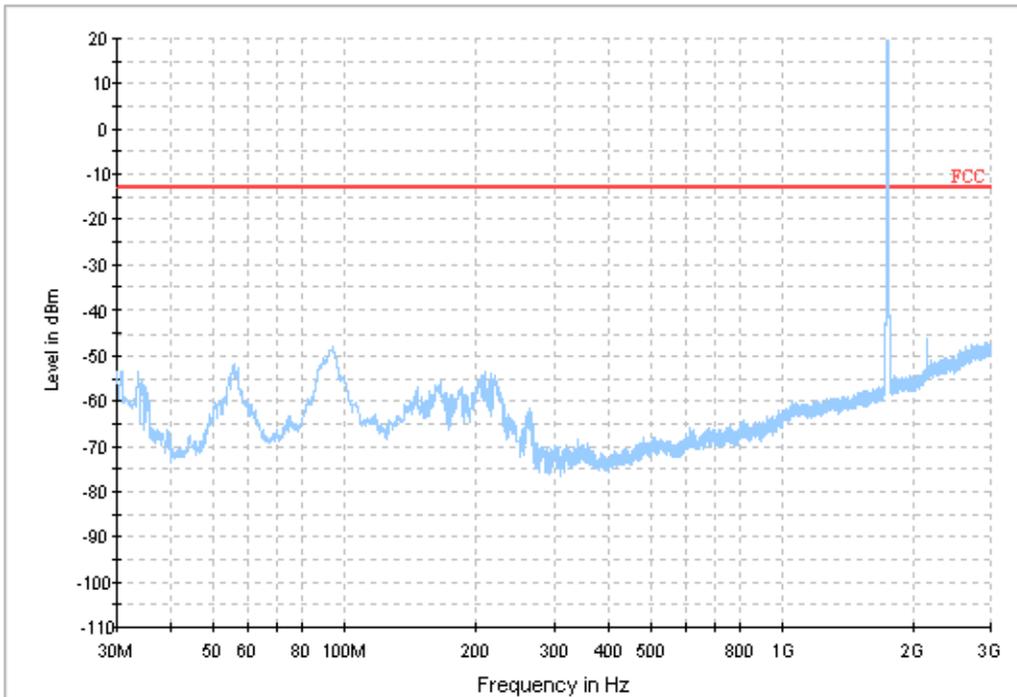


**7.2.3 Test Band = WCDMA1700**

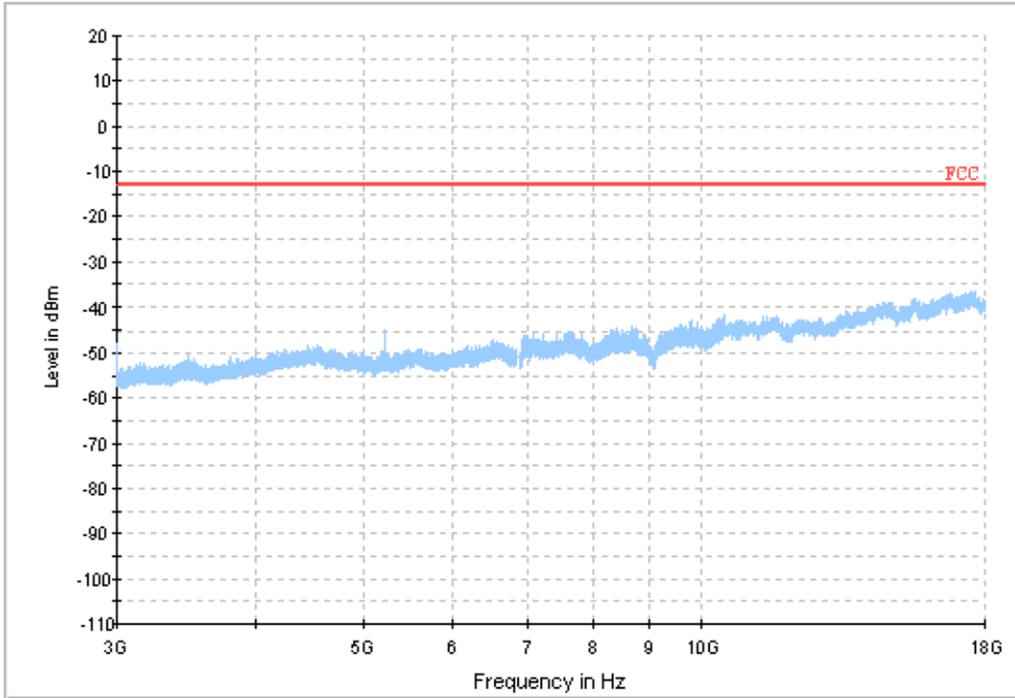
7.2.3.1 Test Mode = UMTS/TM1



Copy of FCC PART27 WCDMA1700\_L



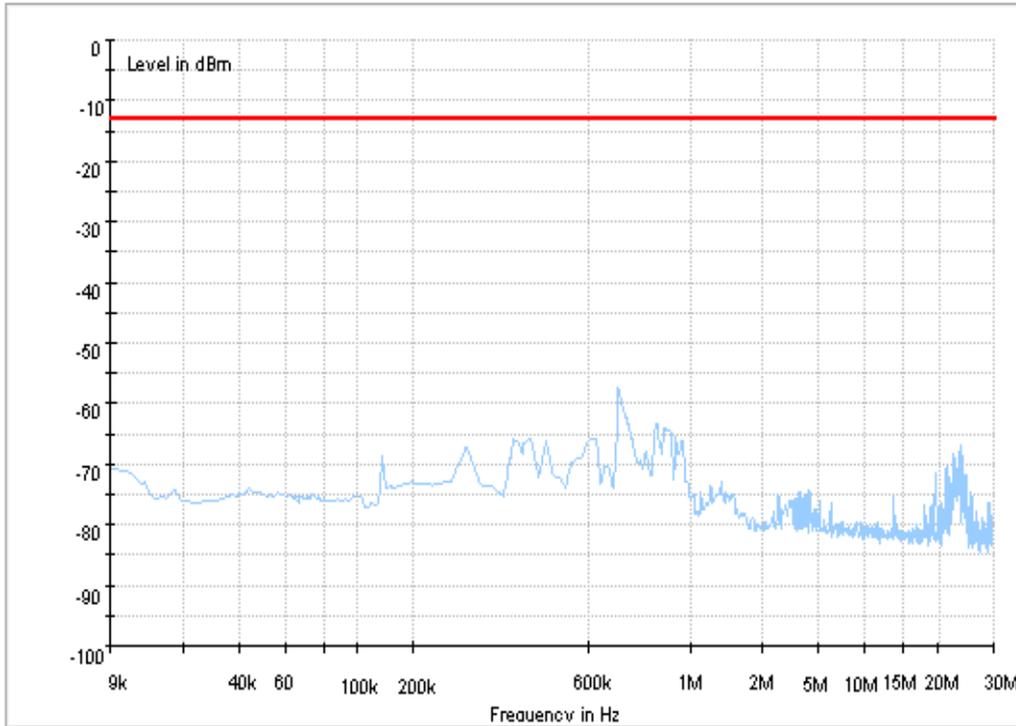
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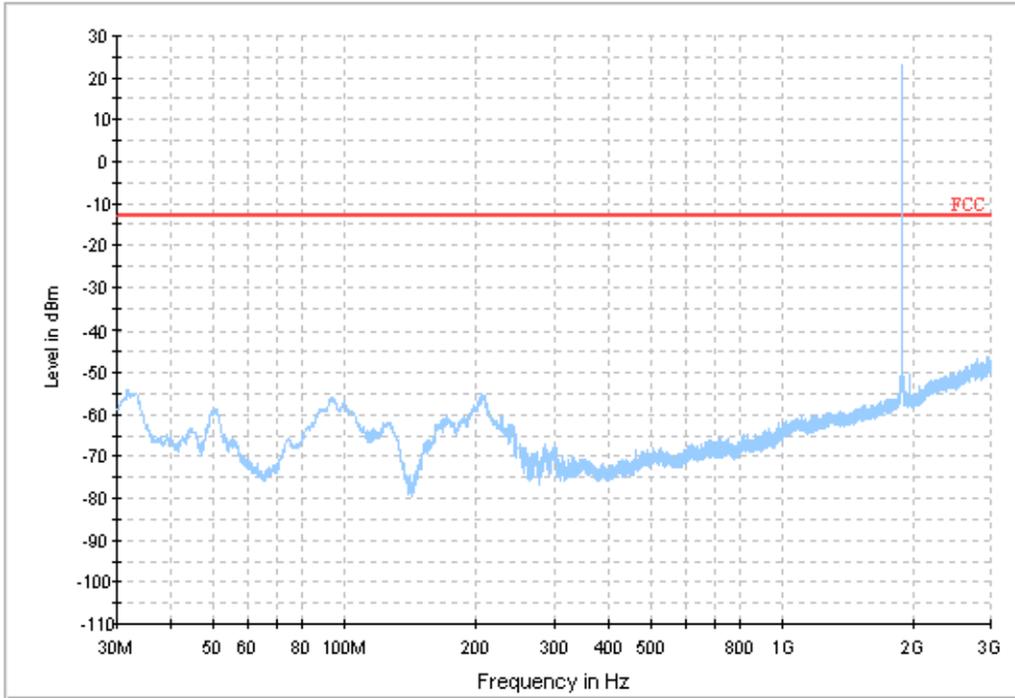
### 7.3 For LTE

#### 7.3.1 Test Band = BAND2

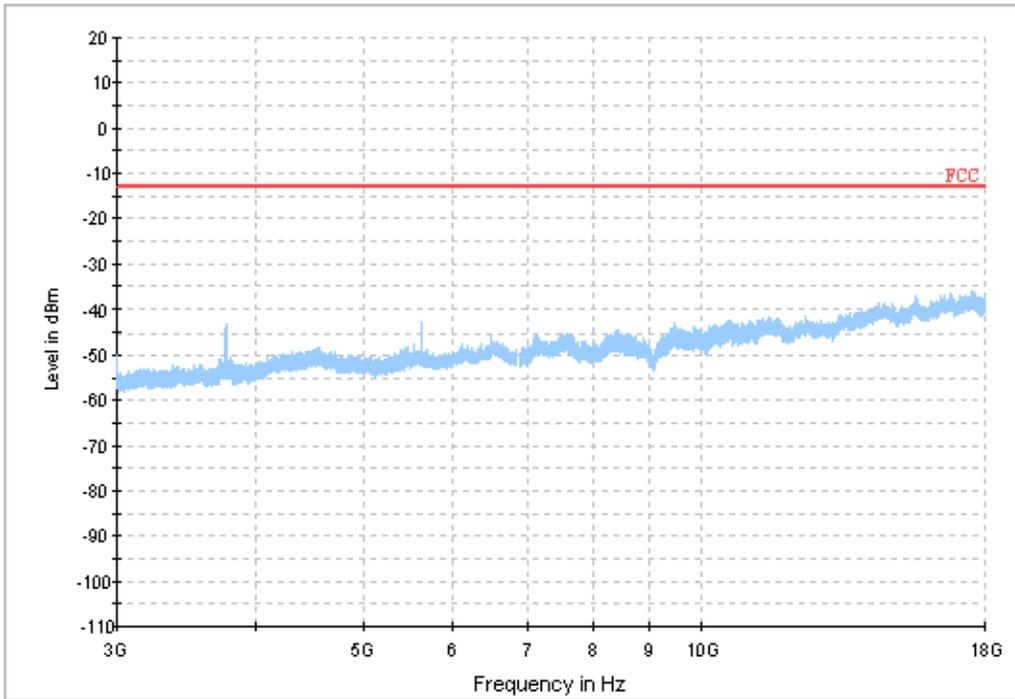
##### 7.3.1.1 Test Bandwidth = 1.4

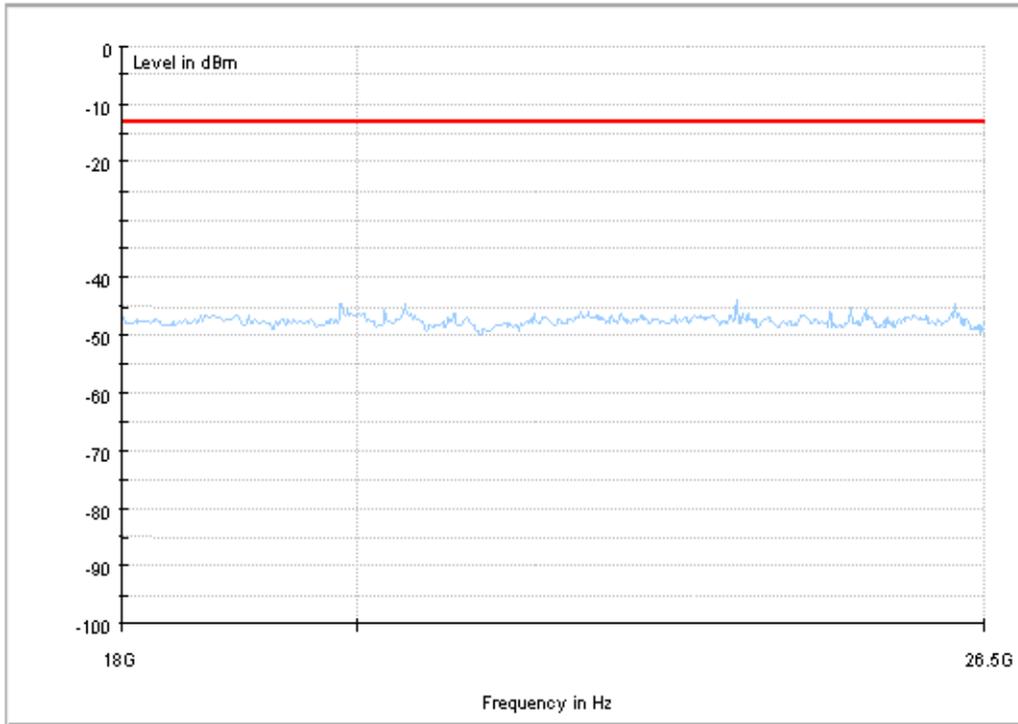


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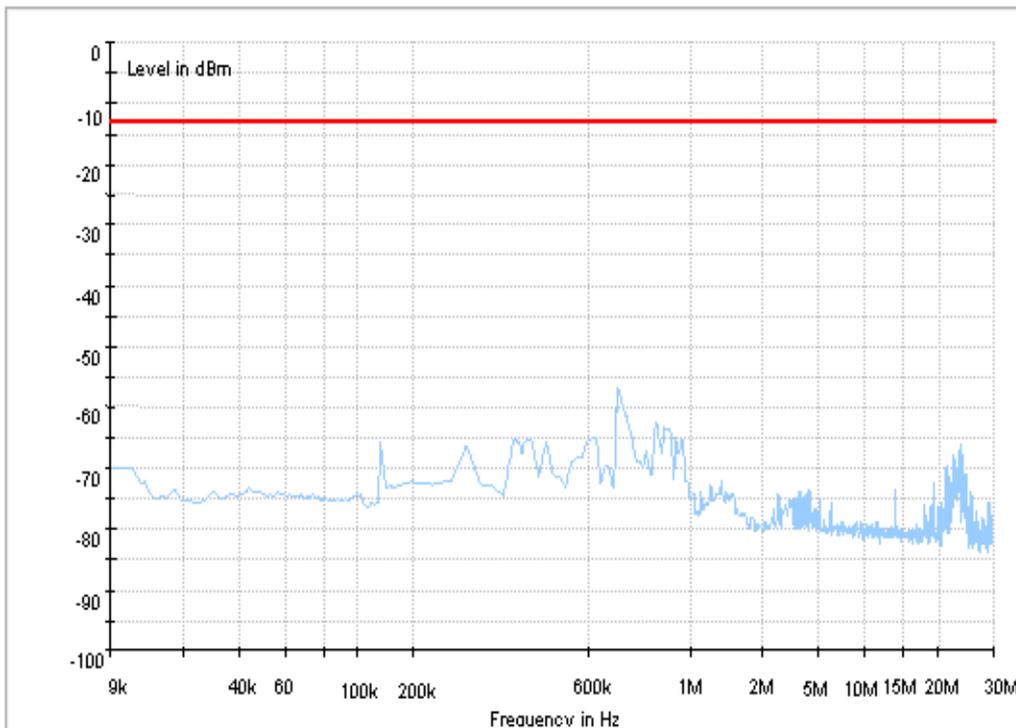


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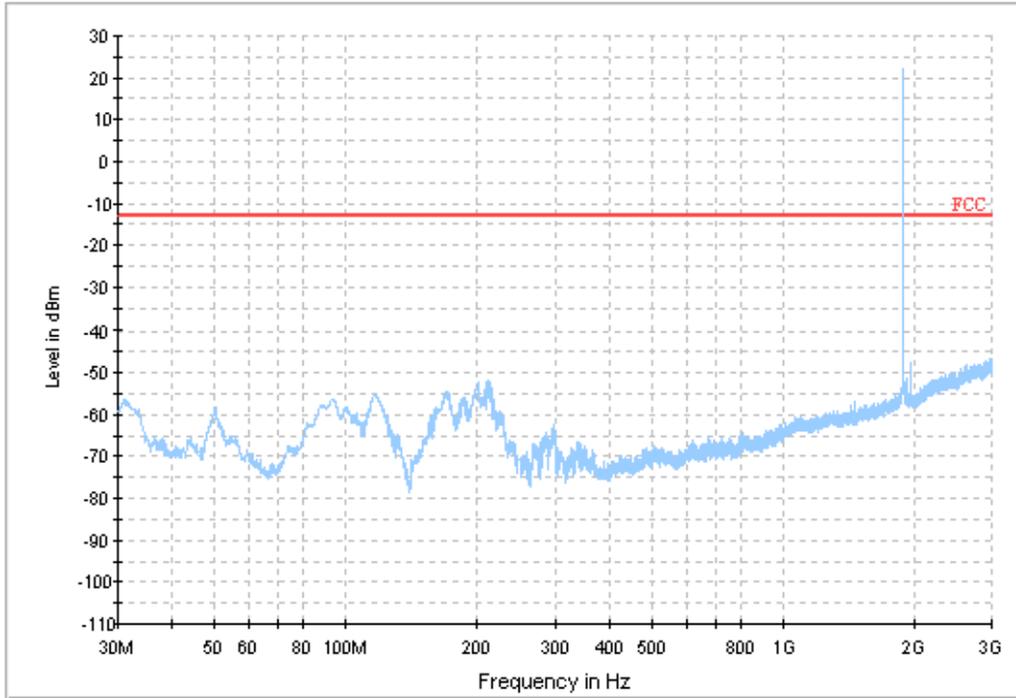




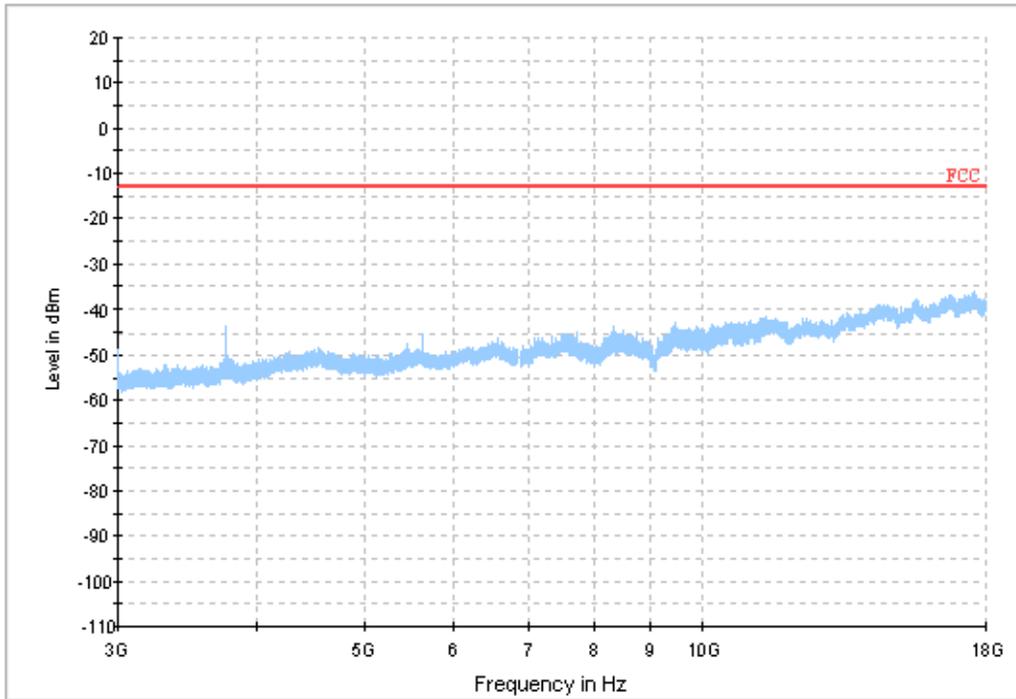
### 7.3.1.2 Test Bandwidth = 5

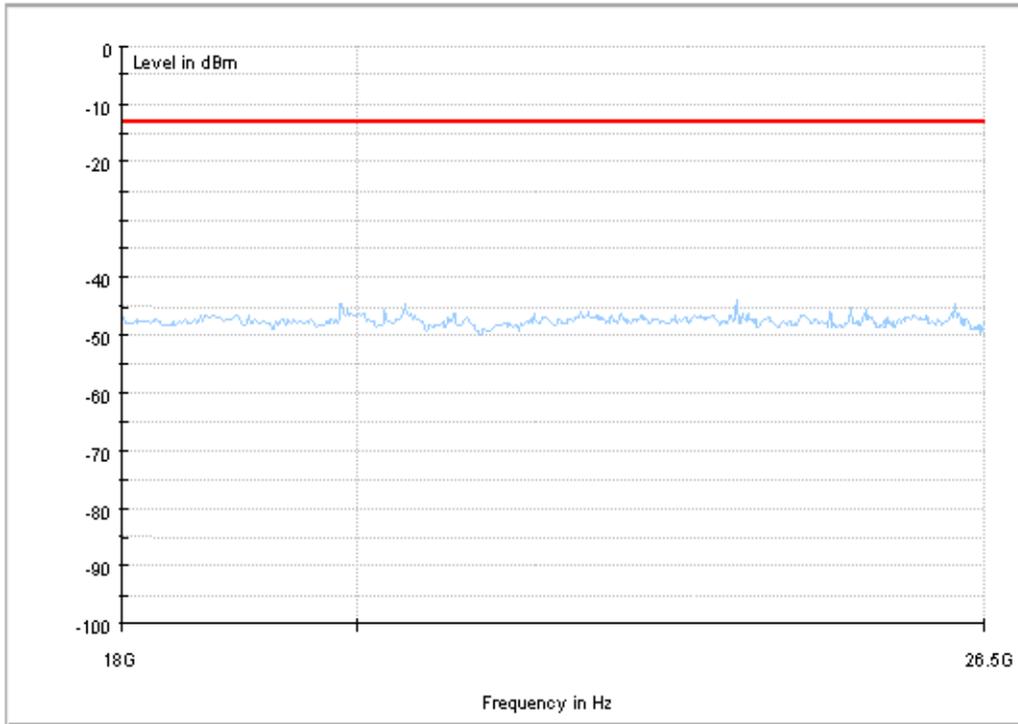


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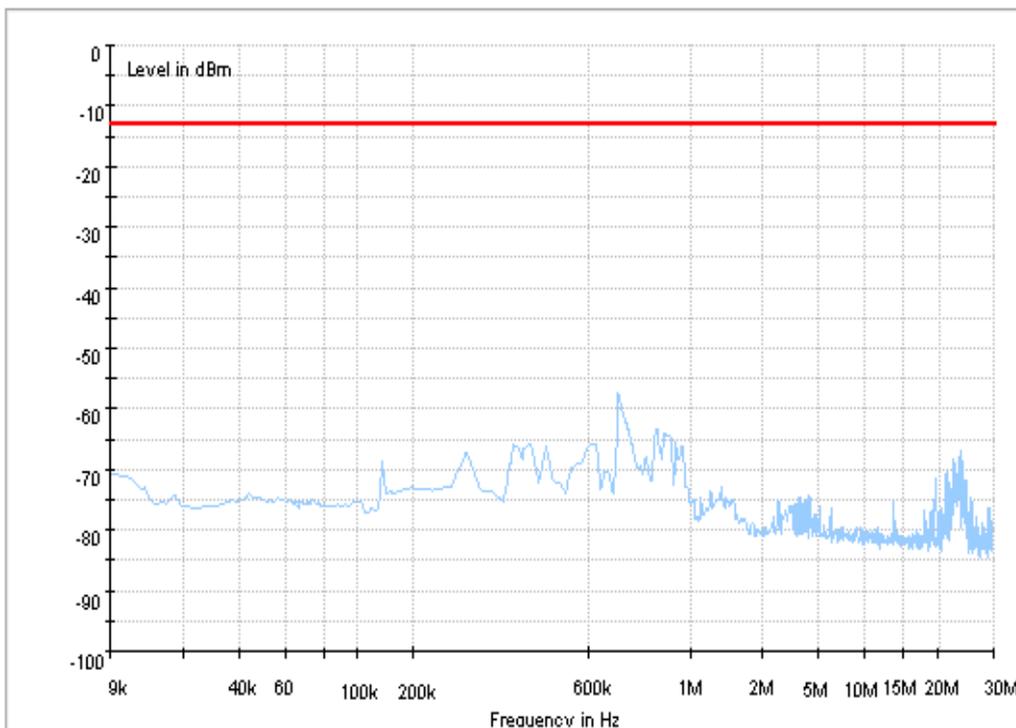


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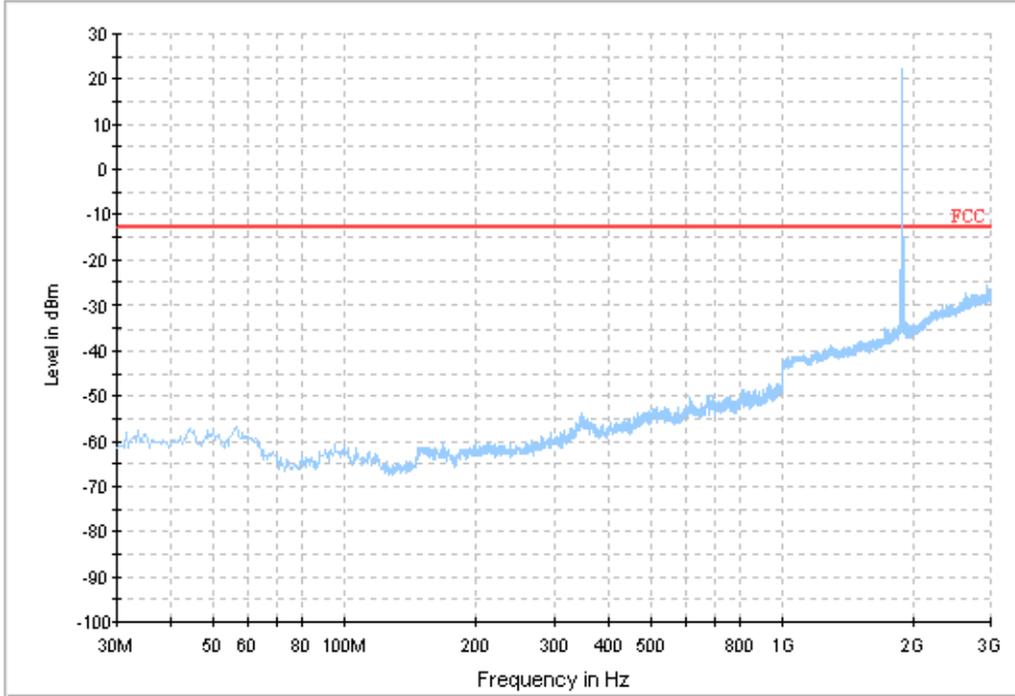




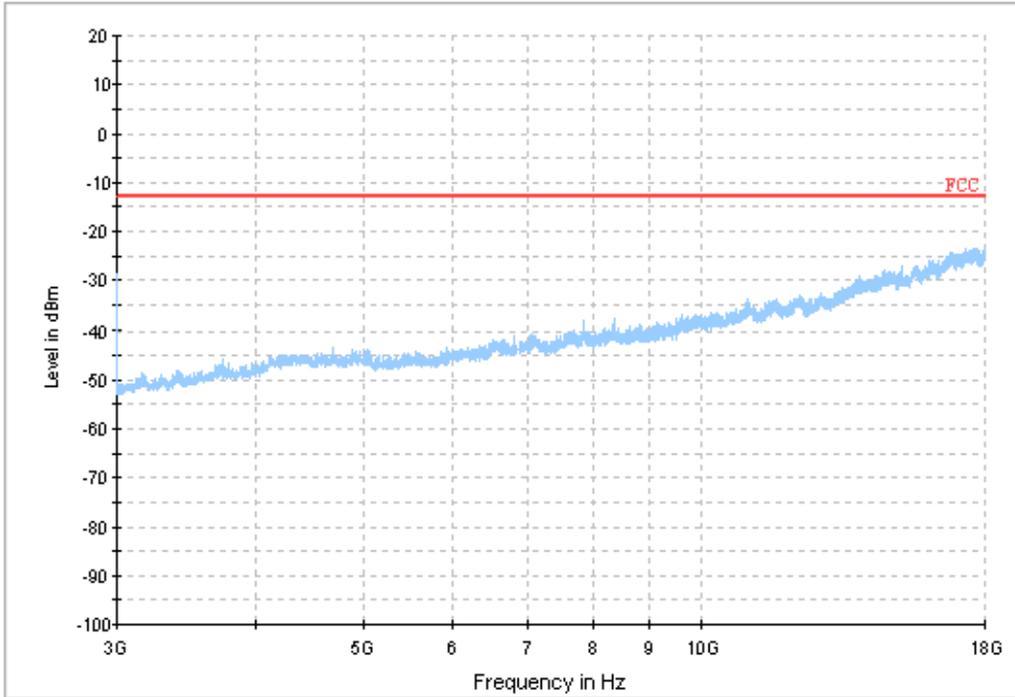
### 7.3.1.3 Test Bandwidth = 20

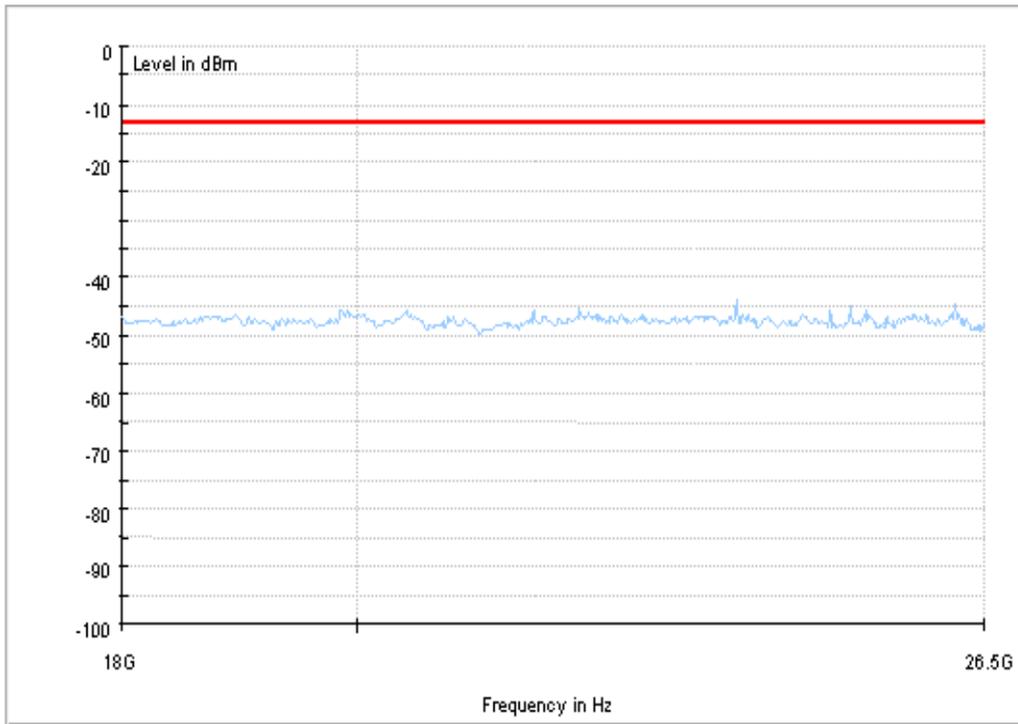


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L



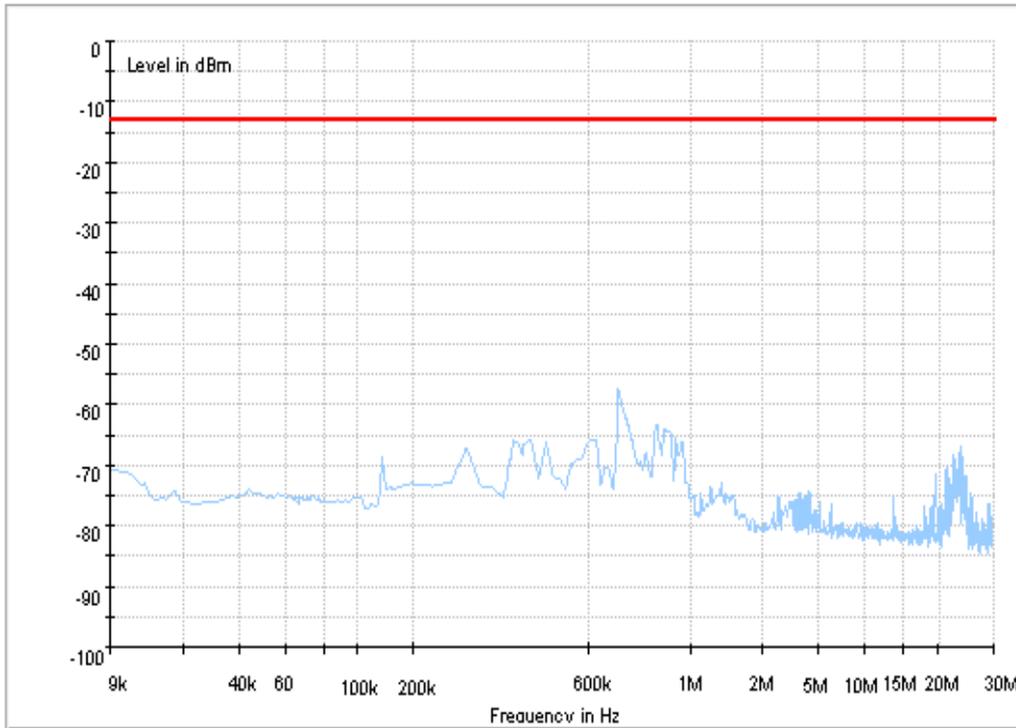
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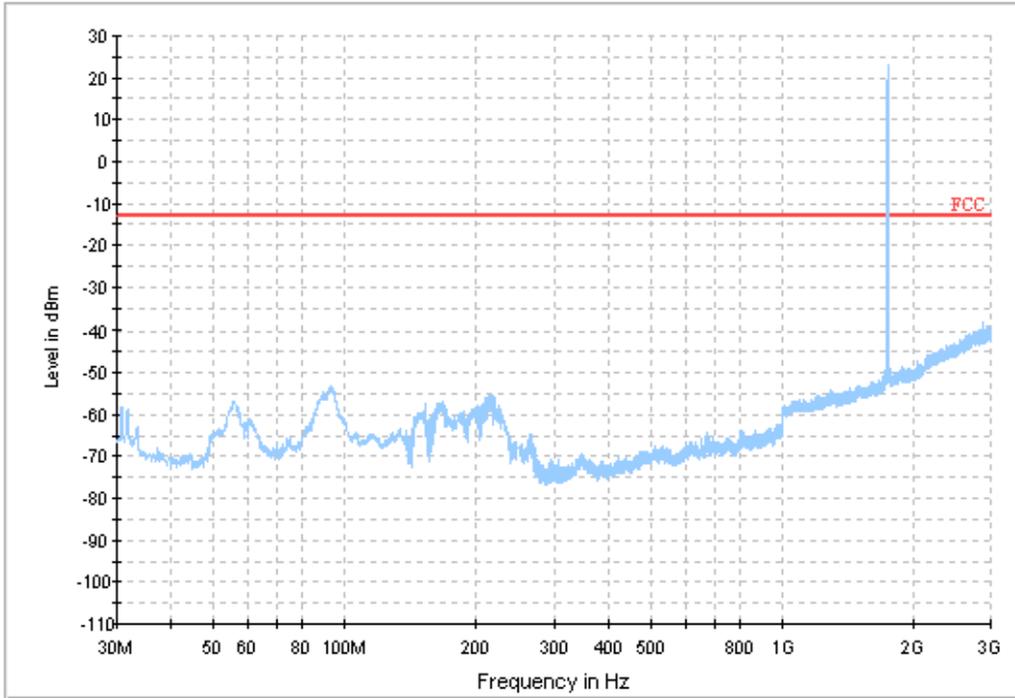


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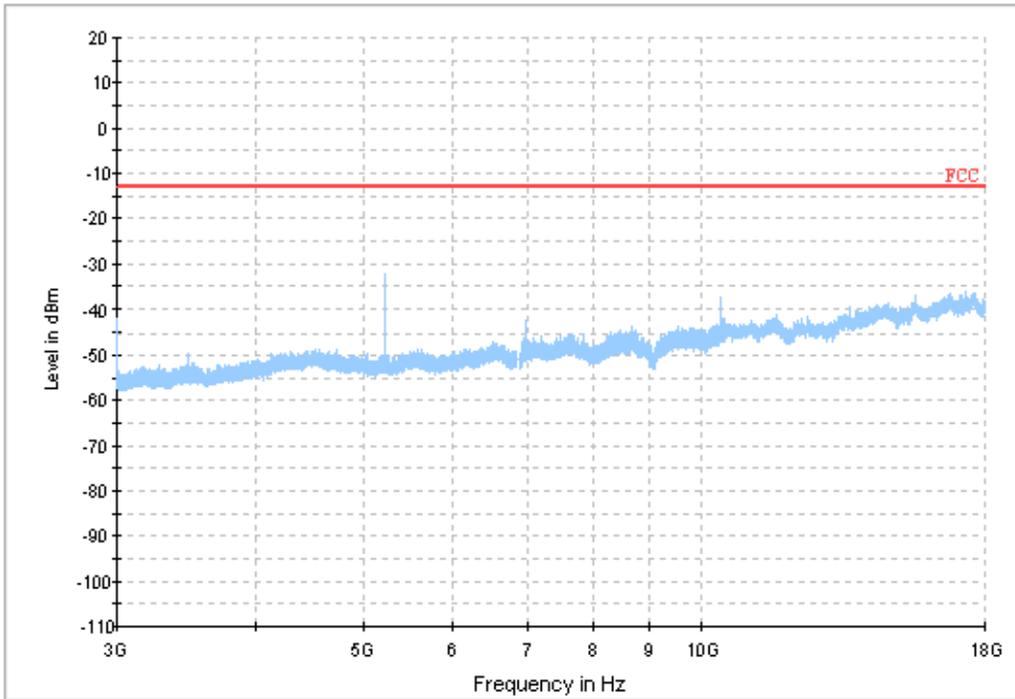
#### 7.3.2.1 Test Bandwidth = 1.4

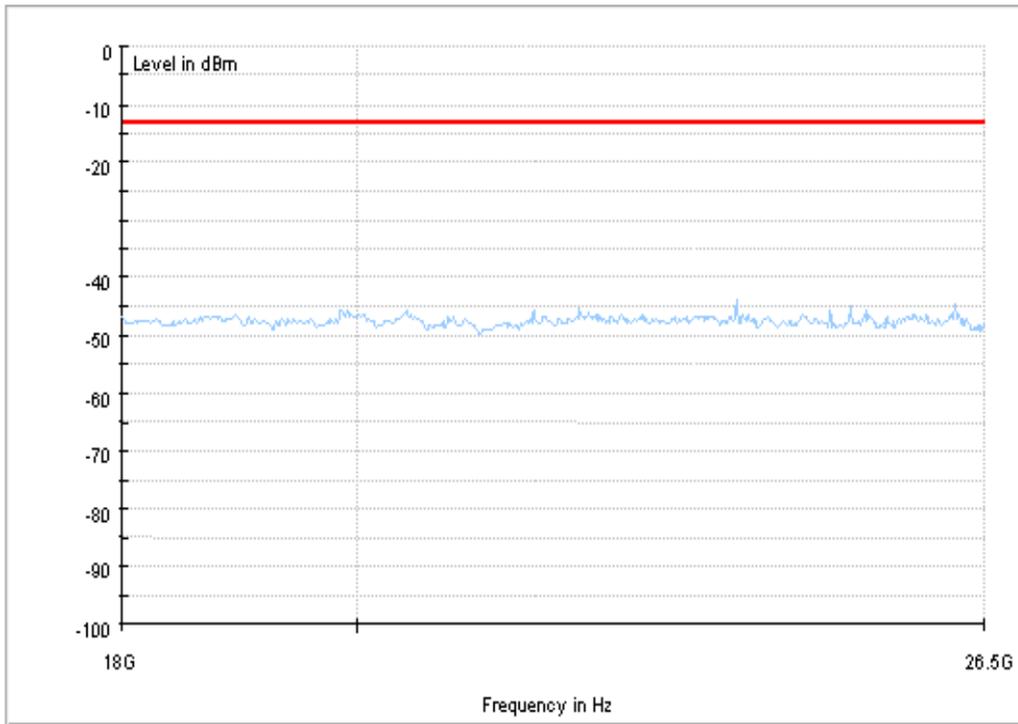


Copy of FCC PART27 LTE Band 4\_L

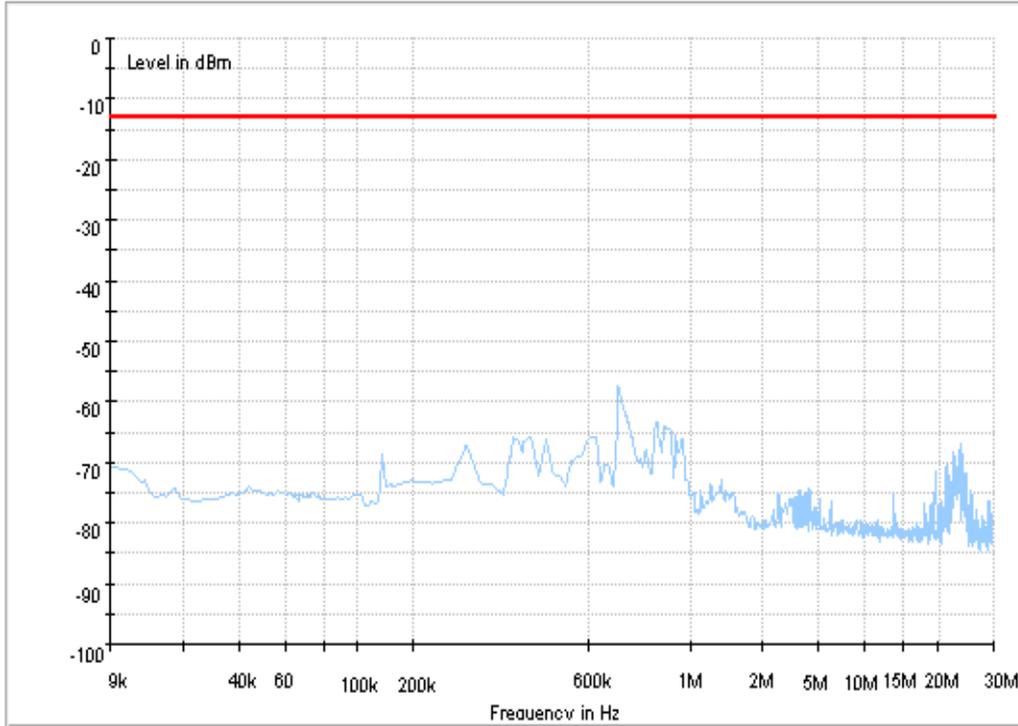


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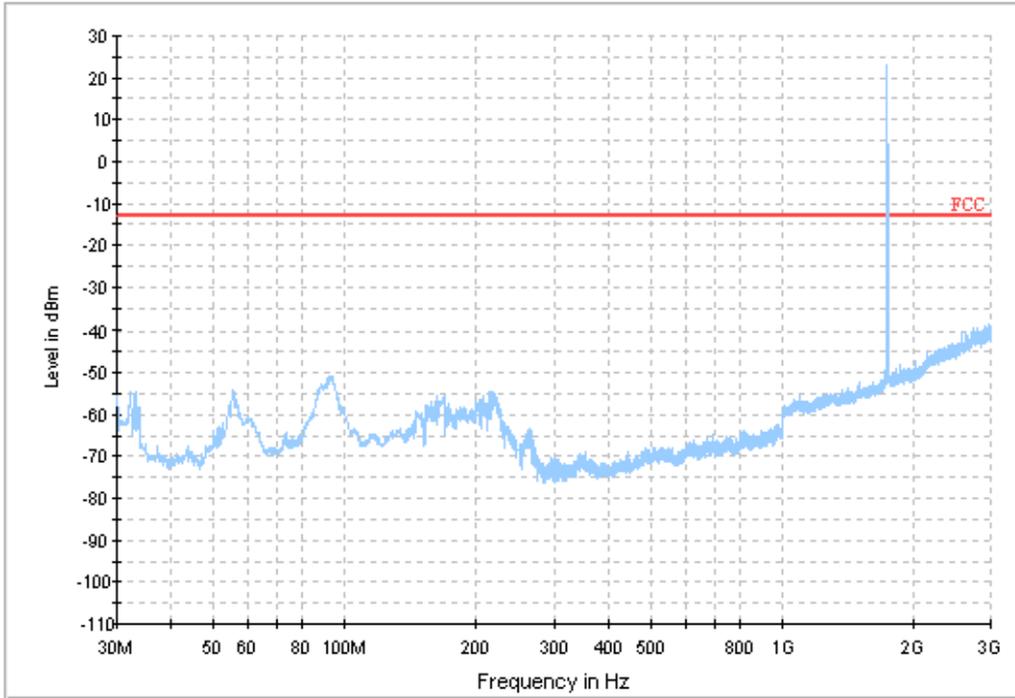




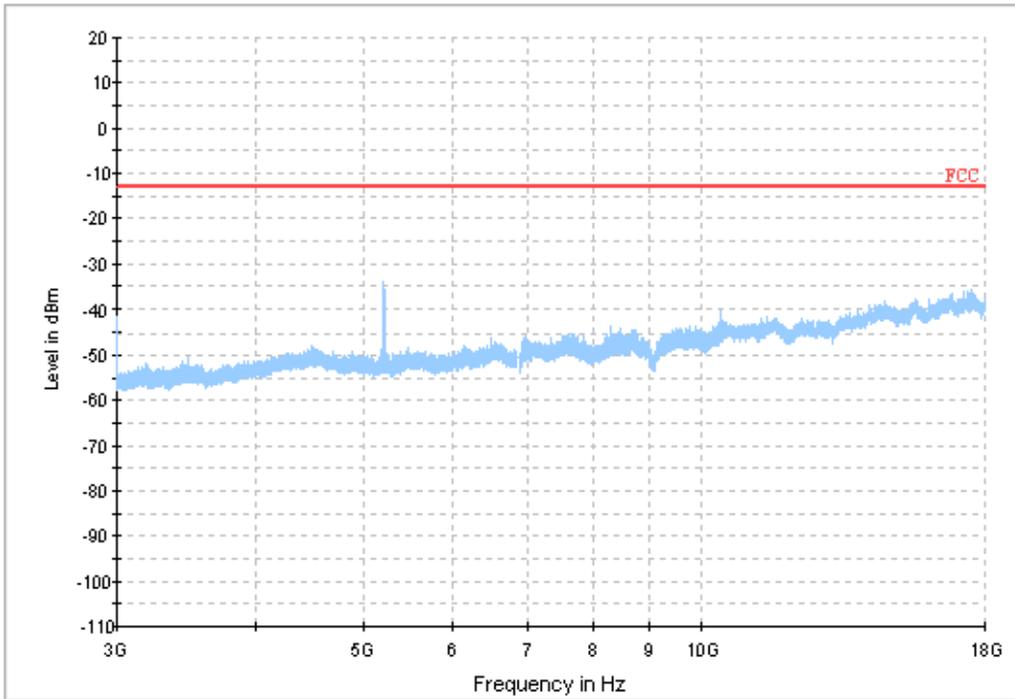
### 7.3.2.2 Test Bandwidth = 5

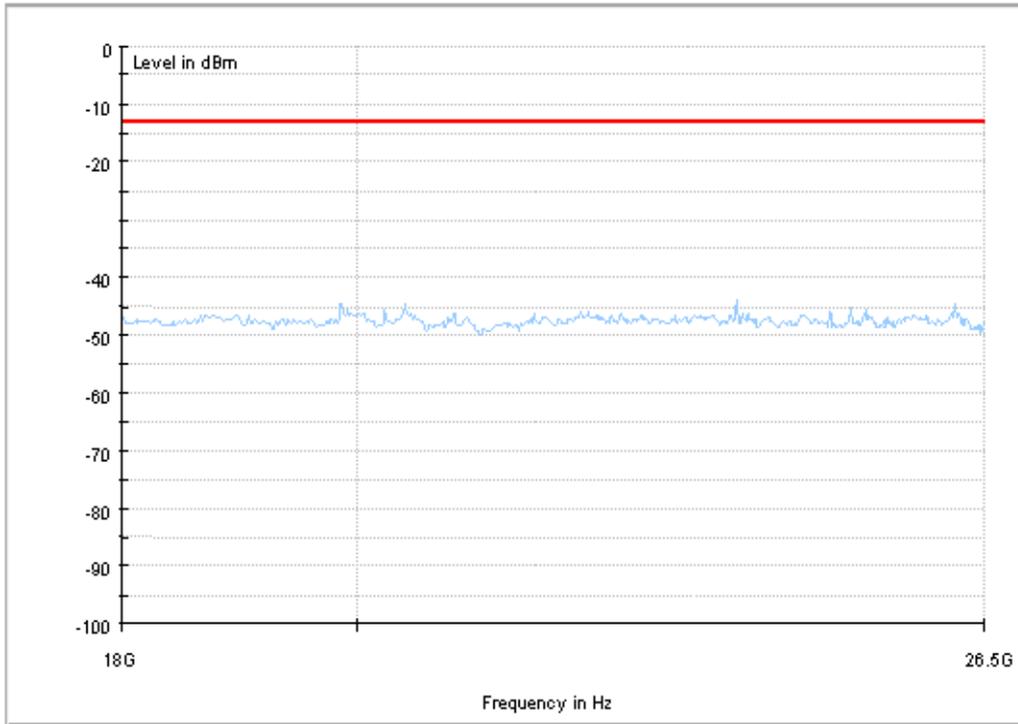


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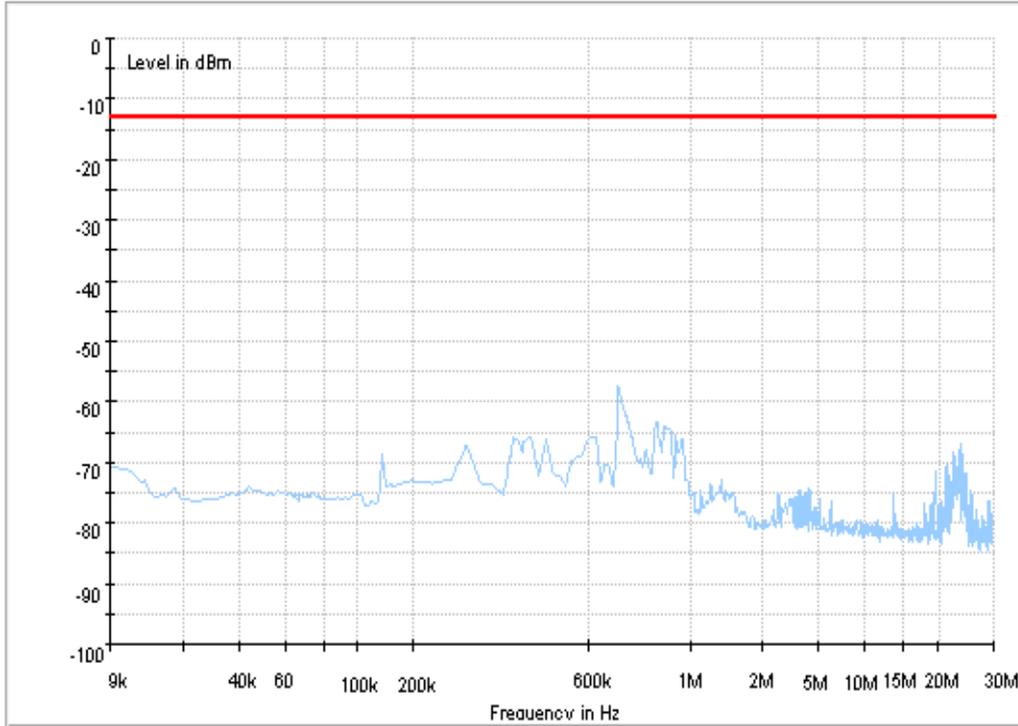


Copy of FCC PART27 LTE Band 4\_H

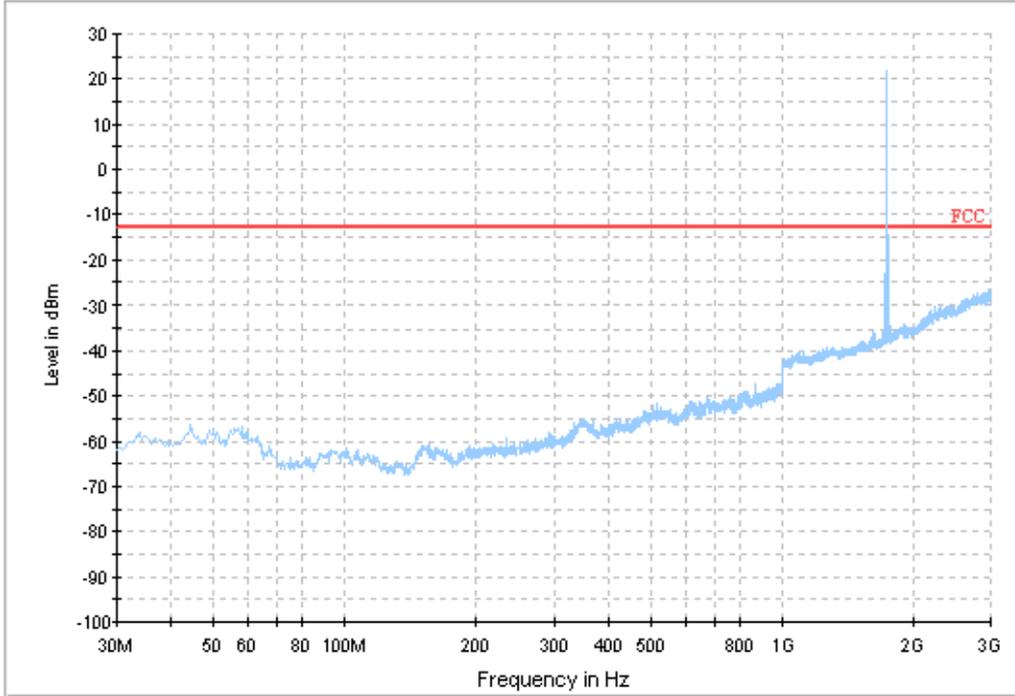




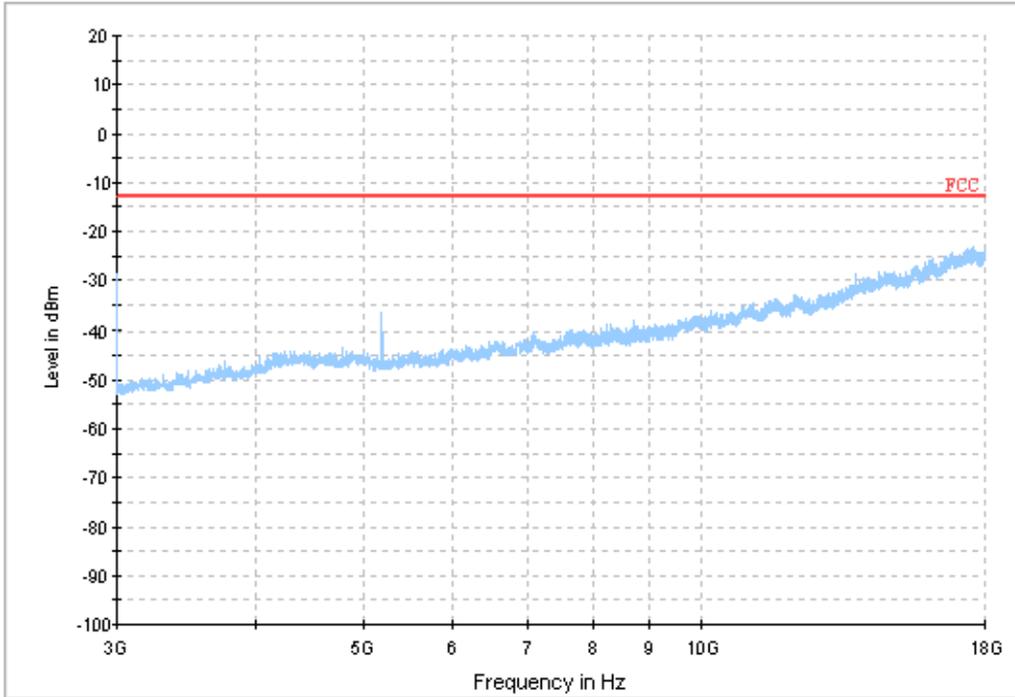
### 7.3.2.3 Test Bandwidth = 20

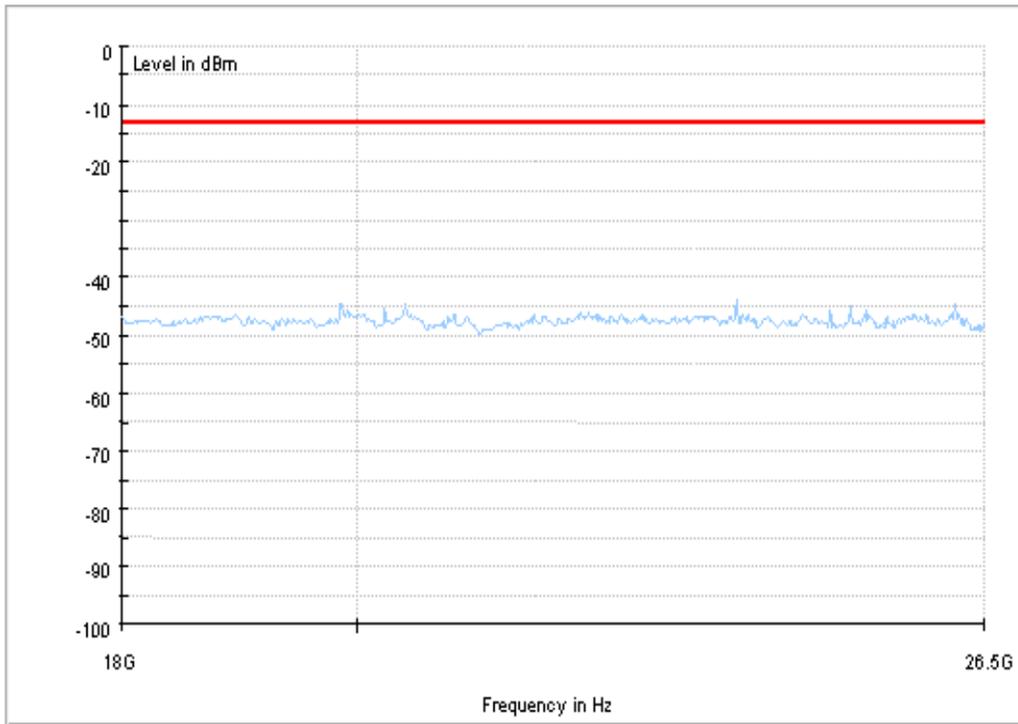


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L



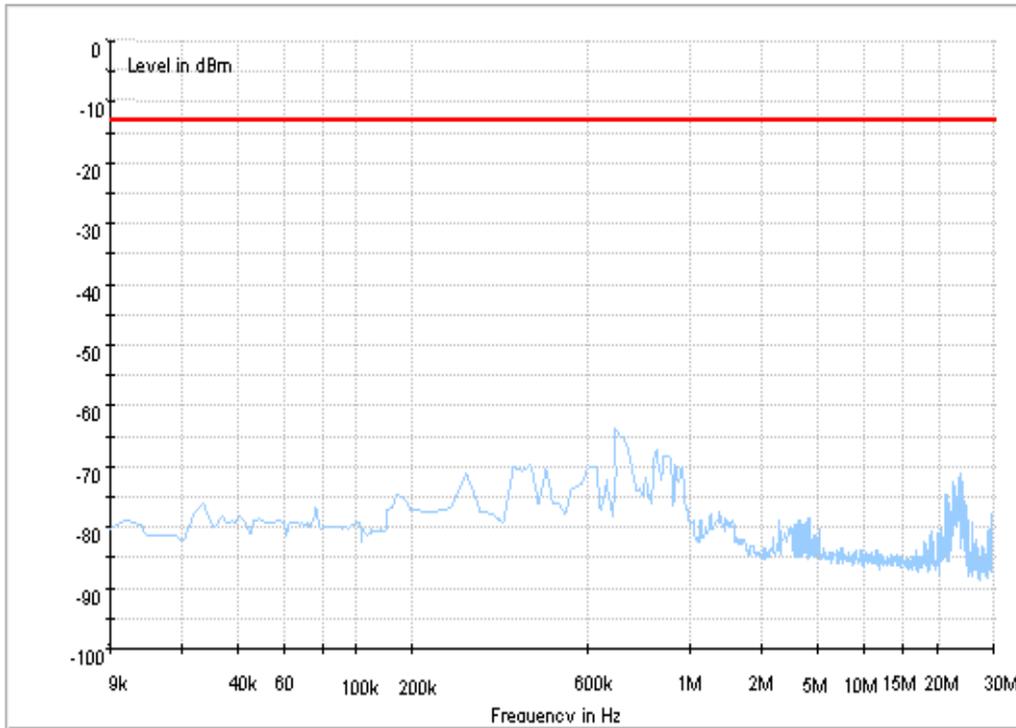
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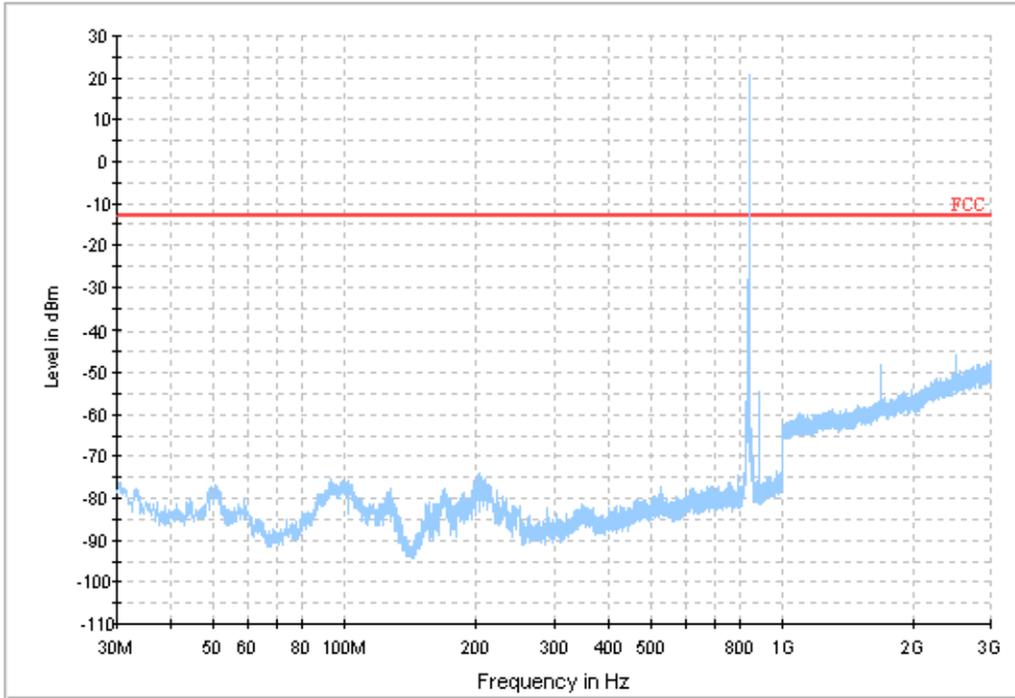


### 7.3.3 Test Band = BAND5

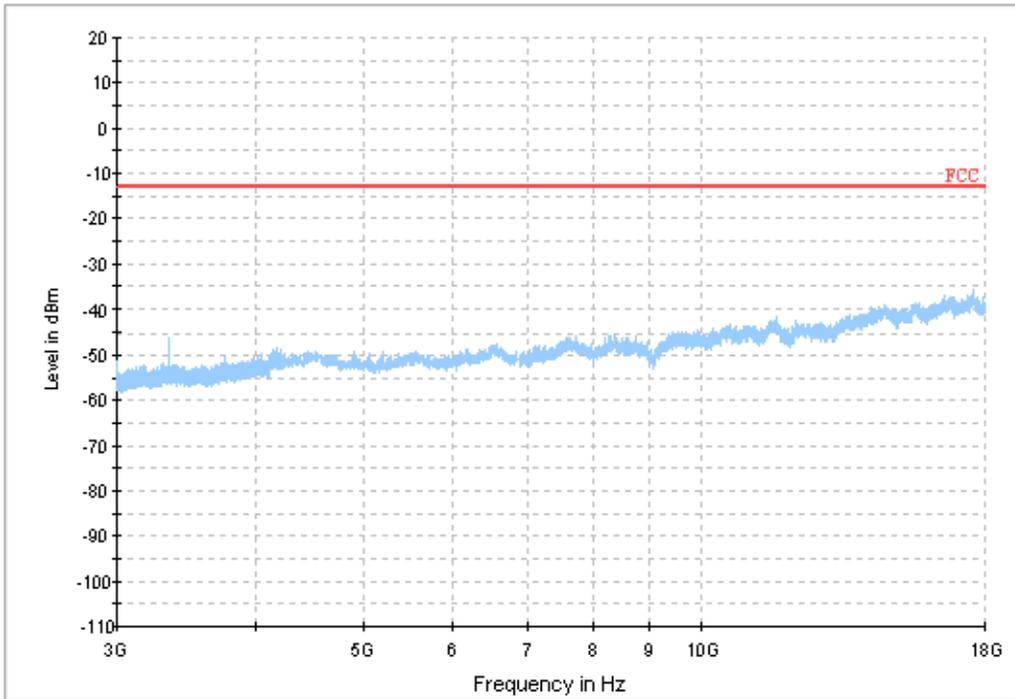
#### 7.3.3.1 Test Bandwidth = 1.4



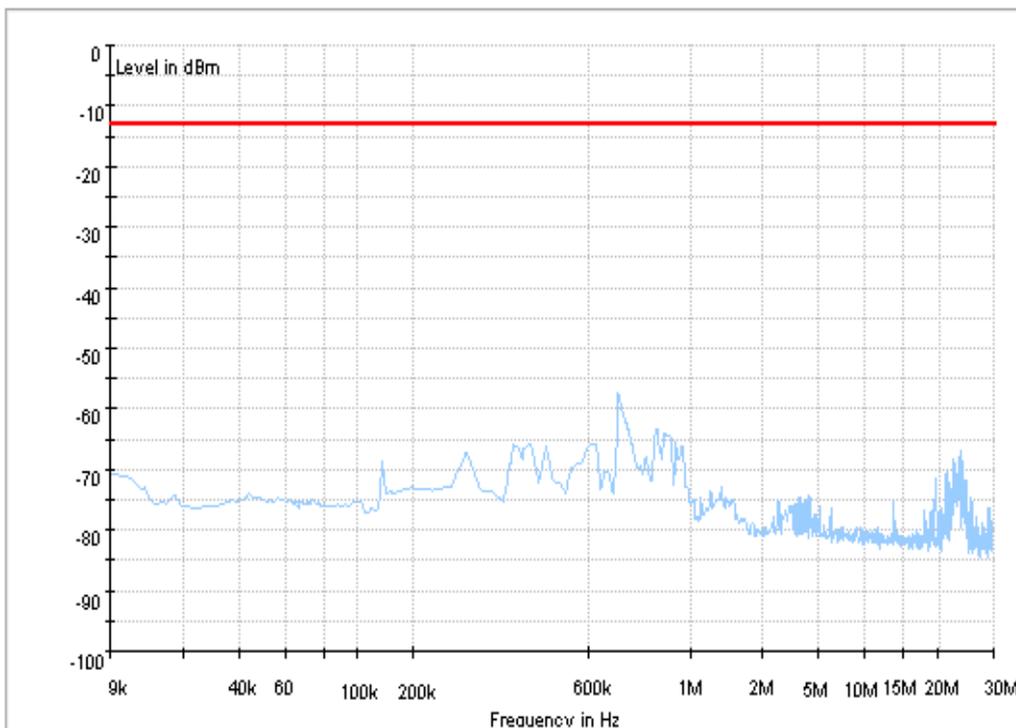
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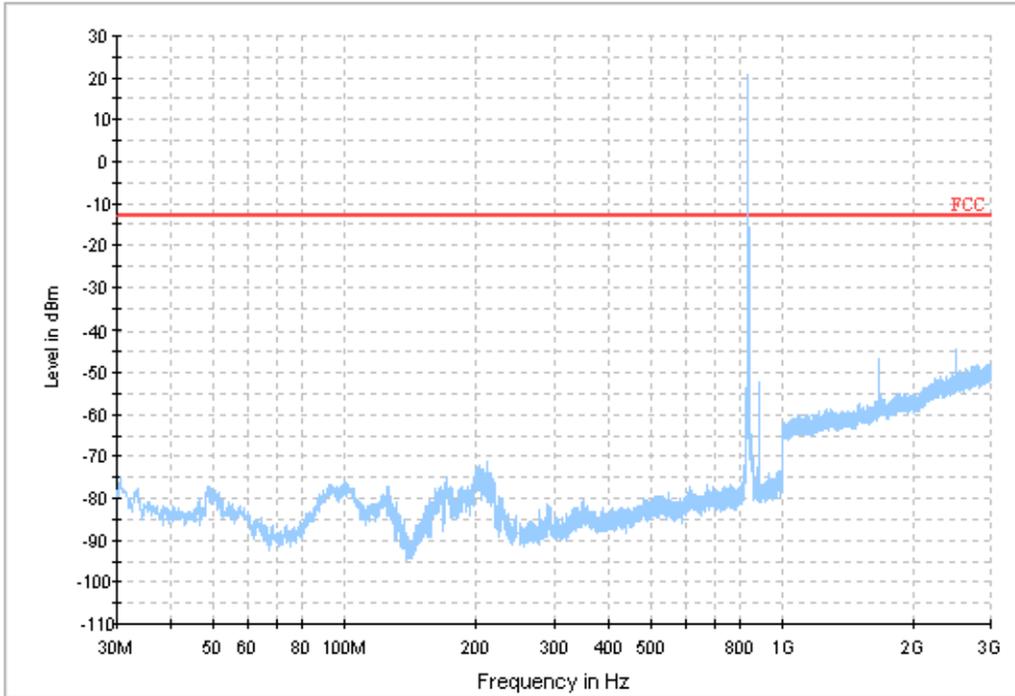
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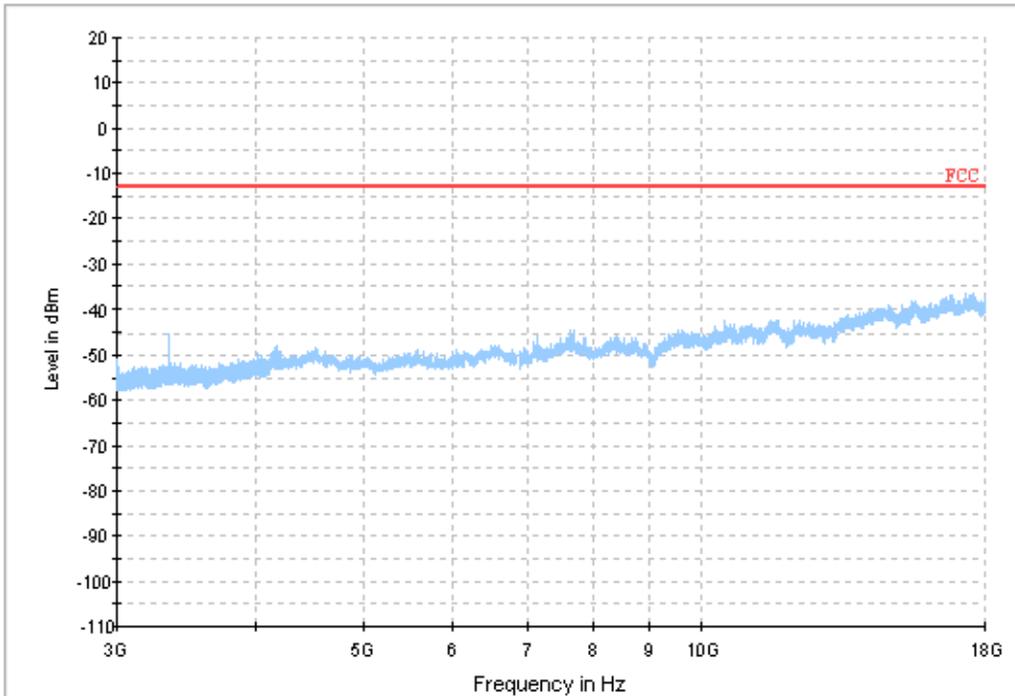
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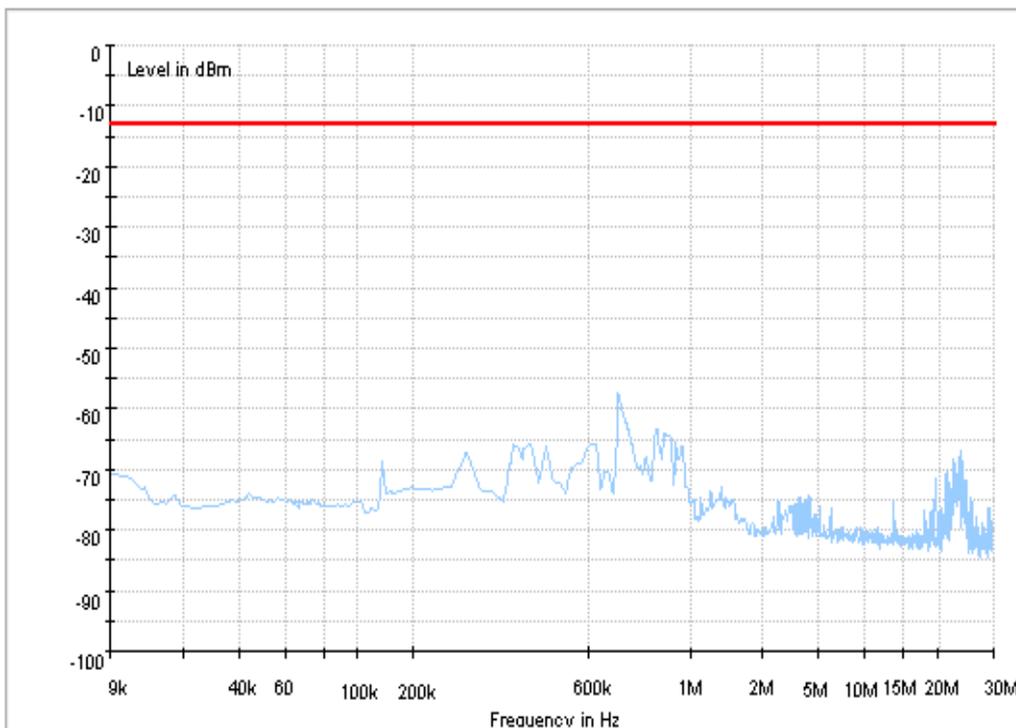
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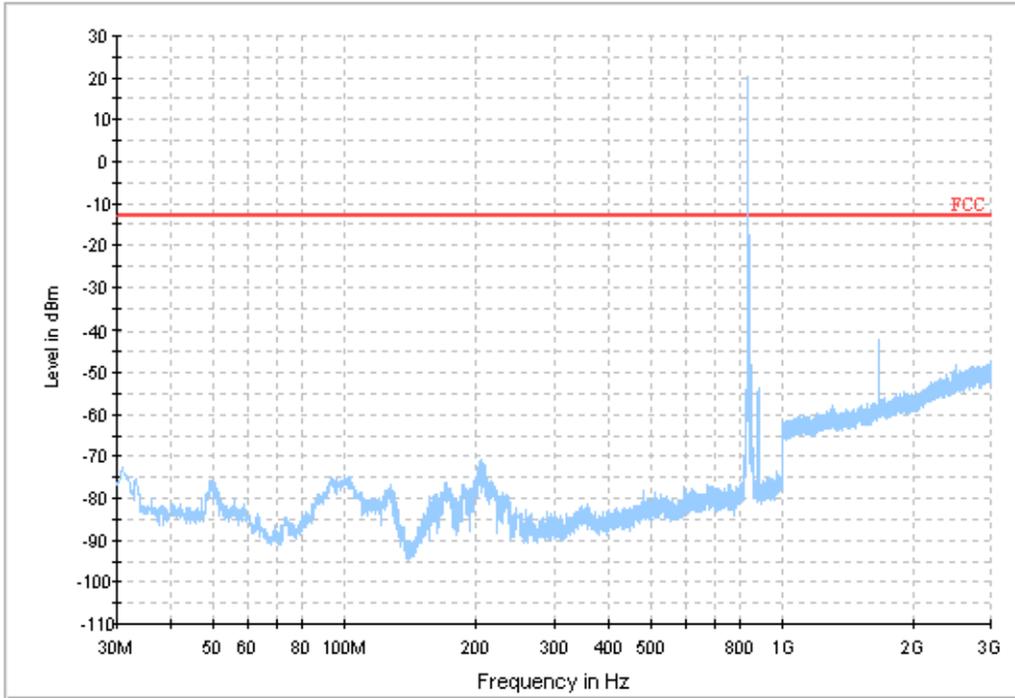
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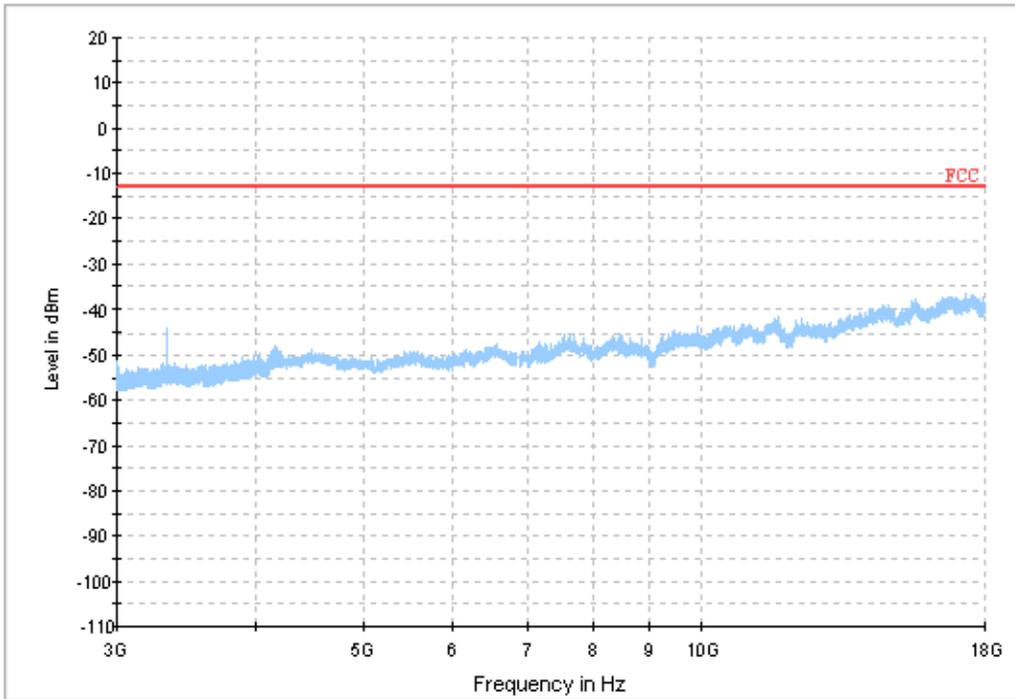
### 7.3.3.3 Test Bandwidth = 10



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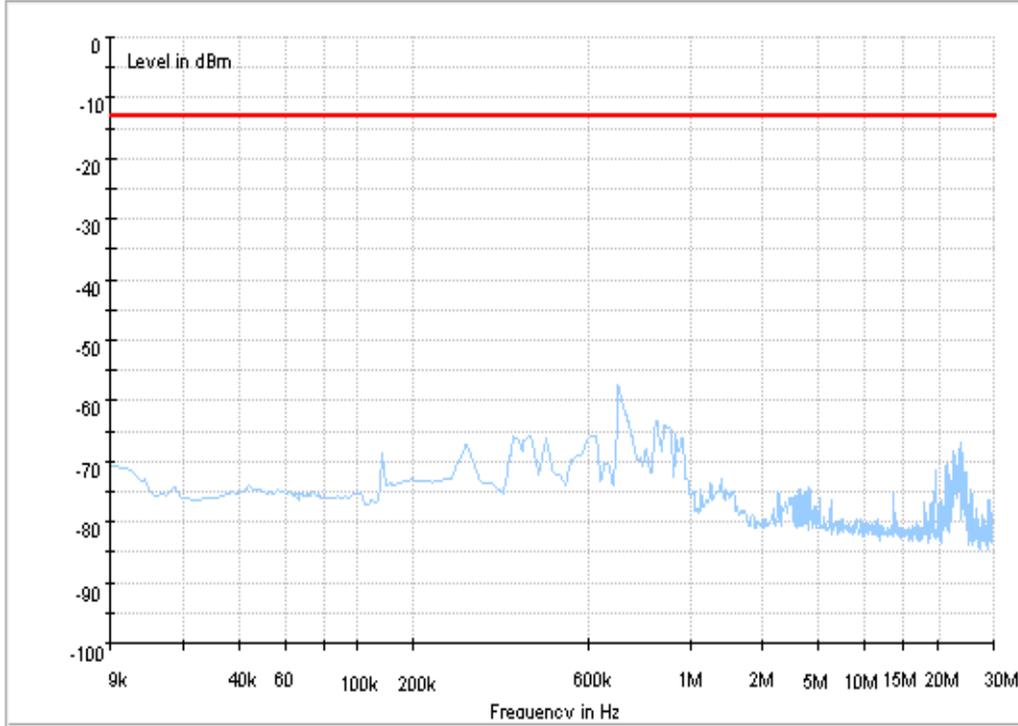


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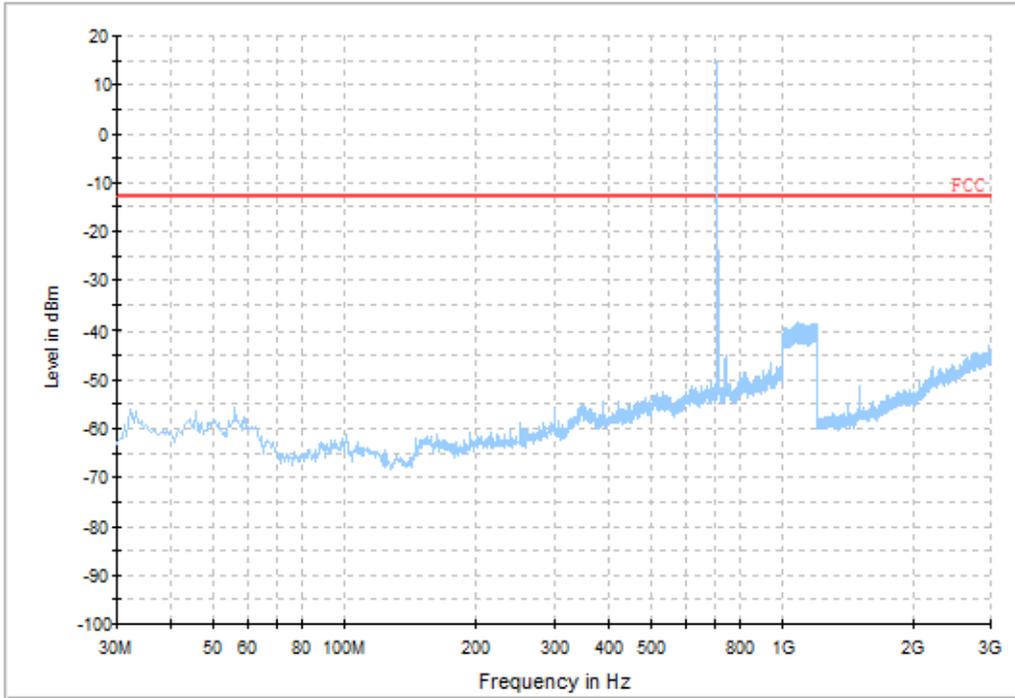


### 7.3.4 Test Band = BAND17

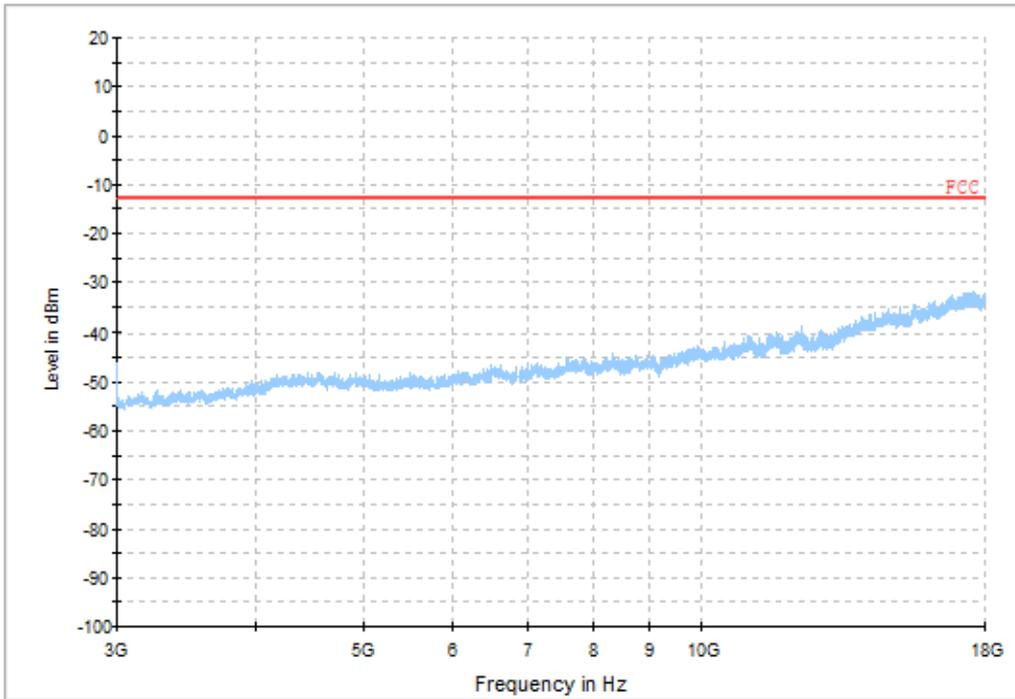
#### 7.3.4.1 Test Bandwidth = 5



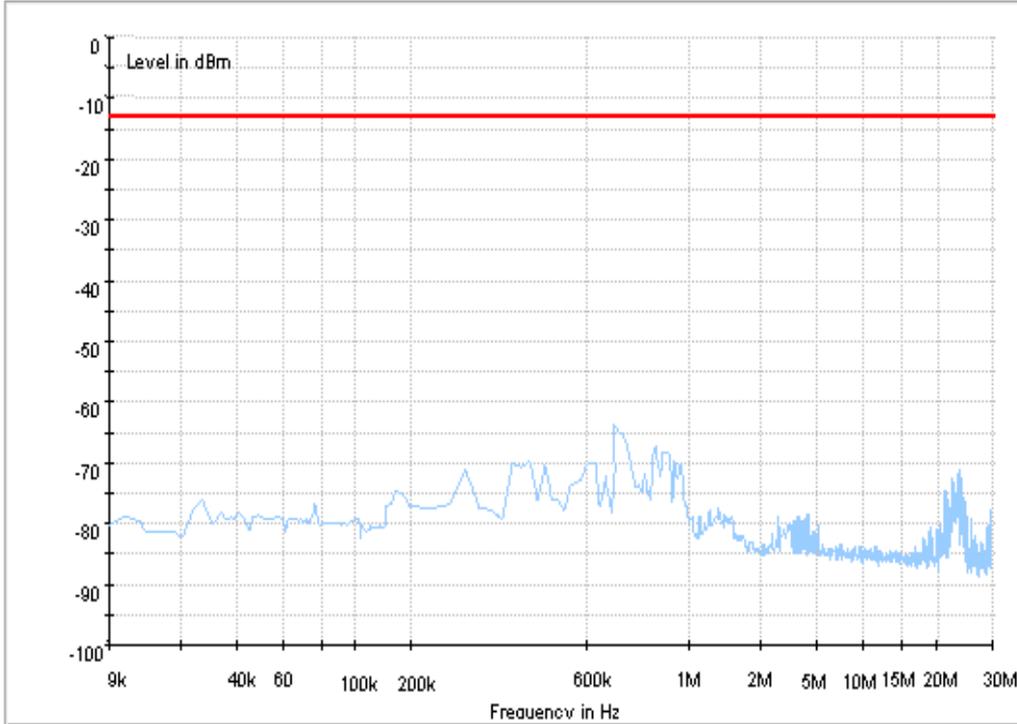
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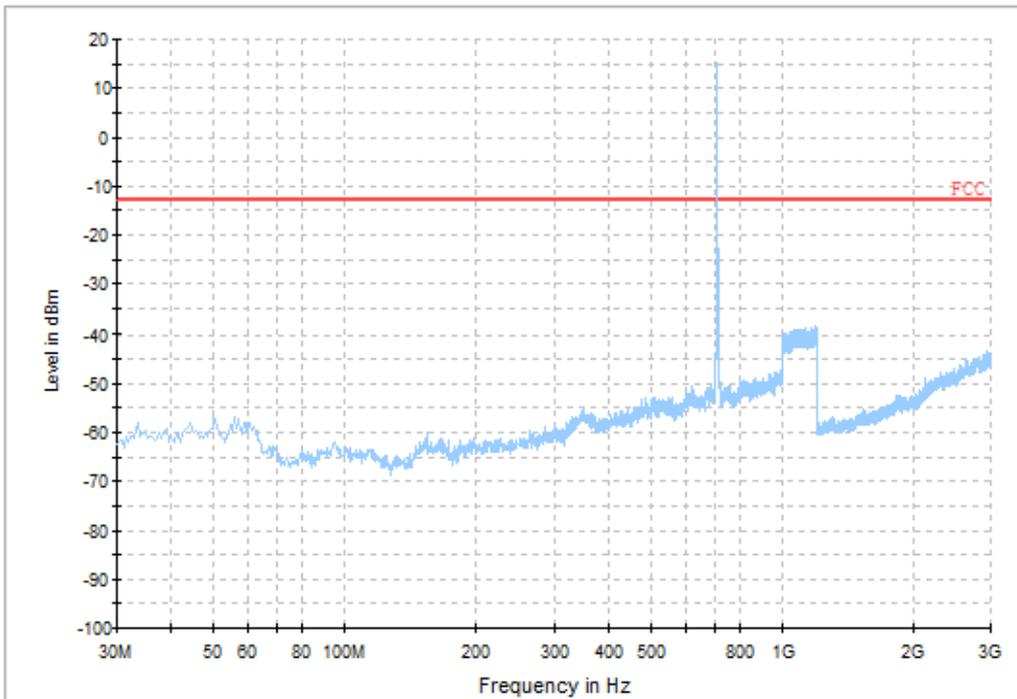
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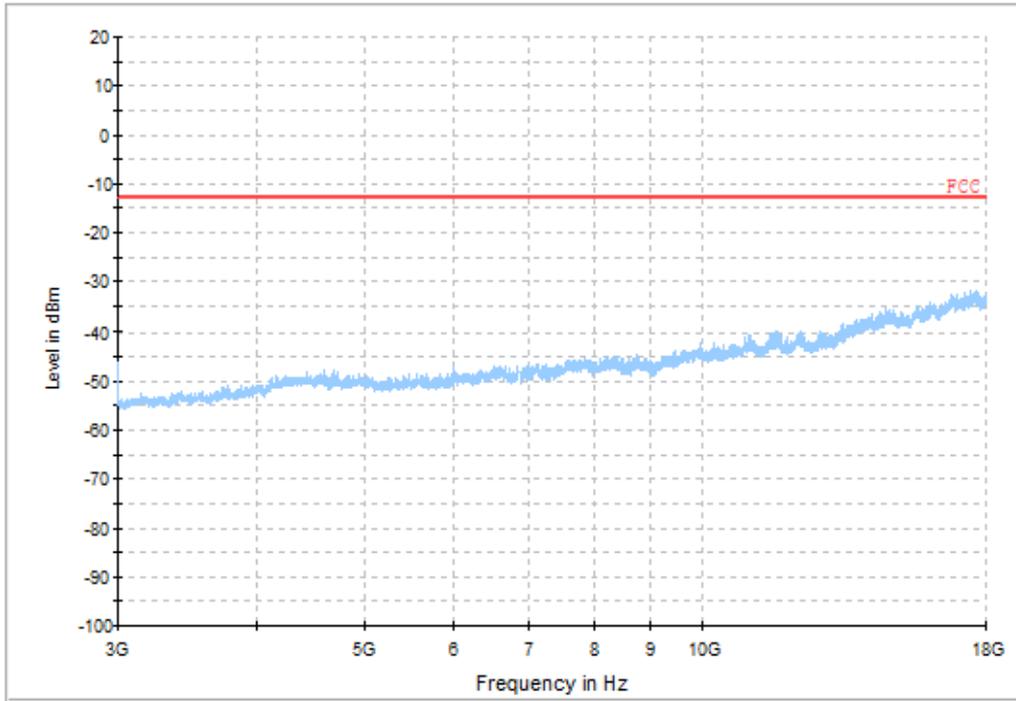
### 7.3.4.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G\_L



Copy of RSE-TX-DIRECTOR BELOW 1G\_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	10.27	0.01246	PASS
				VN	9.75	0.01183	PASS
				VH	12.46	0.01512	PASS
		MCH	TN	VL	8.07	0.00965	PASS
				VN	10.14	0.01212	PASS
				VH	8.07	0.00965	PASS
		HCH	TN	VL	12.14	0.0143	PASS
				VN	10.46	0.01232	PASS
				VH	6.78	0.00799	PASS
	GSM/TM2	LCH	TN	VL	2.81	0.00341	PASS
				VN	7.23	0.00877	PASS
				VH	1.10	0.00133	PASS
		MCH	TN	VL	10.85	0.01297	PASS
				VN	5.07	0.00606	PASS
				VH	10.01	0.01197	PASS
		HCH	TN	VL	7.72	0.0091	PASS
				VN	5.49	0.00647	PASS
				VH	8.14	0.00959	PASS
GSM1900	GSM/TM1	LCH	TN	VL	65.22	0.03525	PASS
				VN	59.28	0.03204	PASS
				VH	46.56	0.02516	PASS
		MCH	TN	VL	57.66	0.03067	PASS
				VN	57.79	0.03074	PASS
				VH	53.72	0.02857	PASS
		HCH	TN	VL	52.95	0.02773	PASS
				VN	55.60	0.02911	PASS
				VH	50.69	0.02654	PASS
	GSM/TM2	LCH	TN	VL	49.98	0.02701	PASS
				VN	56.98	0.0308	PASS
				VH	47.62	0.02574	PASS
		MCH	TN	VL	60.12	0.03198	PASS
				VN	49.11	0.02612	PASS
				VH			

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	49.88	0.02653	PASS
		HCH	TN	VL	55.43	0.02902	PASS
				VN	49.66	0.026	PASS
				VH	52.66	0.02757	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	12.01	0.01457	PASS
				-20	10.40	0.01262	PASS
				-10	10.91	0.01324	PASS
				0	8.65	0.0105	PASS
				10	7.36	0.00893	PASS
				20	8.91	0.01081	PASS
				30	12.07	0.01464	PASS
				40	6.39	0.00775	PASS
		50	6.07	0.00736	PASS		
		MCH	VN	-30	5.04	0.00602	PASS
				-20	9.56	0.01143	PASS
				-10	9.49	0.01134	PASS
				0	10.91	0.01304	PASS
				10	12.72	0.0152	PASS
				20	10.46	0.0125	PASS
				30	9.10	0.01088	PASS
				40	12.98	0.01552	PASS
		50	14.21	0.01699	PASS		
		HCH	VN	-30	9.17	0.0108	PASS
				-20	9.10	0.01072	PASS
				-10	12.53	0.01476	PASS
				0	9.88	0.01164	PASS
				10	8.72	0.01027	PASS
				20	15.05	0.01773	PASS
	30			10.33	0.01217	PASS	
	40			11.17	0.01316	PASS	
	50	8.27	0.00974	PASS			
	GSM/TM2	LCH	VN	-30	2.52	0.00306	PASS
				-20	5.88	0.00713	PASS
				-10	4.88	0.00592	PASS
				0	8.14	0.00988	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				10	8.91	0.01081	PASS		
				20	8.17	0.00991	PASS		
				30	9.85	0.01195	PASS		
				40	5.39	0.00654	PASS		
				50	6.36	0.00772	PASS		
		MCH	VN	-30	9.10	0.01088	PASS		
				-20	8.07	0.00965	PASS		
				-10	13.88	0.01659	PASS		
				0	3.52	0.00421	PASS		
				10	3.03	0.00362	PASS		
				20	8.98	0.01073	PASS		
				30	6.88	0.00822	PASS		
				40	11.59	0.01385	PASS		
				50	8.27	0.00989	PASS		
				HCH	VN	-30	9.91	0.01168	PASS
		-20	7.65			0.00901	PASS		
		-10	7.07			0.00833	PASS		
		0	9.49			0.01118	PASS		
		10	10.11			0.01191	PASS		
		20	8.14			0.00959	PASS		
		30	9.65			0.01137	PASS		
		40	8.07			0.00951	PASS		
		50	7.14			0.00841	PASS		
		GSM1900	GSM/TM1	LCH	VN	-30	51.46	0.02781	PASS
						-20	50.82	0.02747	PASS
						-10	58.44	0.03159	PASS
						0	60.44	0.03267	PASS
10	56.63					0.03061	PASS		
20	44.10					0.02384	PASS		
30	49.01					0.02649	PASS		
40	48.30					0.02611	PASS		
50	52.43					0.02834	PASS		
MCH	VN			-30	60.18	0.03201	PASS		
				-20	63.34	0.03369	PASS		
				-10	56.89	0.03026	PASS		
				0	49.72	0.02645	PASS		
				10	51.14	0.0272	PASS		
				20	51.66	0.02748	PASS		
				30	53.85	0.02864	PASS		
				40	49.85	0.02652	PASS		



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	50	52.37	0.02786	PASS
				-30	56.76	0.02972	PASS
				-20	52.43	0.02745	PASS
				-10	54.95	0.02877	PASS
				0	54.95	0.02877	PASS
				10	52.69	0.02759	PASS
				20	55.53	0.02908	PASS
				30	57.47	0.03009	PASS
				40	58.63	0.0307	PASS
				50	57.66	0.03019	PASS
	GSM/TM2	LCH	VN	-30	51.82	0.02801	PASS
				-20	51.40	0.02778	PASS
				-10	46.98	0.02539	PASS
				0	46.20	0.02497	PASS
				10	55.92	0.03022	PASS
				20	48.40	0.02616	PASS
				30	48.11	0.026	PASS
				40	50.04	0.02705	PASS
				50	49.59	0.0268	PASS
				MCH	VN	-30	54.56
		-20	50.98			0.02712	PASS
		-10	59.05			0.03141	PASS
		0	50.17			0.02669	PASS
		10	52.21			0.02777	PASS
		20	55.31			0.02942	PASS
		30	44.88			0.02387	PASS
		40	54.11			0.02878	PASS
		50	54.89			0.0292	PASS
		HCH	VN			-30	55.24
				-20	57.15	0.02992	PASS
				-10	53.95	0.02825	PASS
				0	57.79	0.03026	PASS
				10	48.72	0.02551	PASS
				20	55.05	0.02883	PASS
				30	51.50	0.02697	PASS
				40	56.66	0.02967	PASS
				50	47.40	0.02482	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	-0.96	-0.00116	PASS
				VN	-0.85	-0.00103	PASS
				VH	0.03	0.00004	PASS
		MCH	TN	VL	1.19	0.00142	PASS
				VN	-0.55	-0.00066	PASS
				VH	-2.11	-0.00252	PASS
		HCH	TN	VL	-0.78	-0.00092	PASS
				VN	-0.21	-0.00025	PASS
				VH	-1.24	-0.00146	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	5.69	0.00307	PASS
				VN	2.88	0.00155	PASS
				VH	-0.49	-0.00026	PASS
		MCH	TN	VL	2.56	0.00136	PASS
				VN	3.54	0.00188	PASS
				VH	0.82	0.00044	PASS
		HCH	TN	VL	-1.33	-0.0007	PASS
				VN	3.37	0.00177	PASS
				VH	0.75	0.00039	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	5.98	0.00349	PASS
				VN	6.47	0.00378	PASS
				VH	6.15	0.00359	PASS
		MCH	TN	VL	-2.11	-0.00122	PASS
				VN	-0.78	-0.00045	PASS
				VH	-3.68	-0.00212	PASS
		HCH	TN	VL	-5.71	-0.00326	PASS
				VN	-4.27	-0.00244	PASS
				VH	-3.92	-0.00224	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	2.58	0.00312	PASS
				-20	1.82	0.0022	PASS
				-10	-6.00	-0.00726	PASS
				0	0.90	0.00109	PASS
				10	-0.32	-0.00039	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				20	-0.93	-0.00113	PASS		
				30	-0.64	-0.00077	PASS		
				40	-0.75	-0.00091	PASS		
				50	0.79	0.00096	PASS		
		MCH	VN			-30	3.66	0.00438	PASS
						-20	0.85	0.00102	PASS
						-10	1.86	0.00222	PASS
						0	1.65	0.00197	PASS
						10	-0.47	-0.00056	PASS
						20	-2.33	-0.00279	PASS
						30	-0.06	-0.00007	PASS
						40	0.31	0.00037	PASS
						50	1.10	0.00132	PASS
		HCH	VN			-30	-0.55	-0.00065	PASS
						-20	-1.66	-0.00196	PASS
						-10	-1.95	-0.0023	PASS
						0	-0.93	-0.0011	PASS
						10	0.18	0.00021	PASS
						20	-0.60	-0.00071	PASS
						30	-0.76	-0.0009	PASS
						40	-1.10	-0.0013	PASS
						50	-0.84	-0.00099	PASS
		WCDMA1900	UMTS/TM1	LCH	VN	-30	7.26	0.00392	PASS
						-20	3.45	0.00186	PASS
						-10	5.19	0.0028	PASS
						0	3.72	0.00201	PASS
						10	7.08	0.00382	PASS
20	2.94					0.00159	PASS		
30	7.16					0.00387	PASS		
40	5.81					0.00314	PASS		
50	4.32					0.00233	PASS		
MCH	VN					-30	1.24	0.00066	PASS
						-20	-0.09	-0.00005	PASS
						-10	3.31	0.00176	PASS
						0	1.62	0.00086	PASS
						10	1.37	0.00073	PASS
						20	5.33	0.00284	PASS
						30	4.21	0.00224	PASS
						40	5.86	0.00312	PASS
						50	3.71	0.00197	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	1.66	0.00087	PASS
				-20	0.85	0.00045	PASS
				-10	1.66	0.00087	PASS
				0	1.40	0.00073	PASS
				10	0.17	0.00009	PASS
				20	1.85	0.00097	PASS
				30	2.93	0.00154	PASS
				40	4.23	0.00222	PASS
				50	2.43	0.00127	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	3.89	0.00227	PASS
				-20	4.55	0.00266	PASS
				-10	8.87	0.00518	PASS
				0	4.73	0.00276	PASS
				10	9.63	0.00562	PASS
				20	9.37	0.00547	PASS
				30	6.56	0.00383	PASS
				40	6.30	0.00368	PASS
				50	7.57	0.00442	PASS
		MCH	VN	-30	-4.30	-0.00248	PASS
				-20	-4.12	-0.00238	PASS
				-10	-6.21	-0.00358	PASS
				0	-3.37	-0.00195	PASS
				10	-0.55	-0.00032	PASS
				20	-2.55	-0.00147	PASS
				30	-1.89	-0.00109	PASS
				40	0.21	0.00012	PASS
				50	-2.87	-0.00166	PASS
		HCH	VN	-30	-8.64	-0.00493	PASS
				-20	-6.24	-0.00356	PASS
				-10	-3.43	-0.00196	PASS
				0	-5.42	-0.00309	PASS
				10	-5.51	-0.00314	PASS
				20	-5.80	-0.00331	PASS
				30	-5.31	-0.00303	PASS
				40	-3.94	-0.00225	PASS
				50	-5.36	-0.00306	PASS



8.3 For LTE

8.3.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	TN	VL	-0.56	-0.0003	PASS
					VN	-1.59	-0.00086	PASS
					VH	0.67	0.00036	PASS
			MCH	TN	VL	0.39	0.00021	PASS
					VN	2.56	0.00136	PASS
					VH	0.23	0.00012	PASS
			HCH	TN	VL	-6.19	-0.00324	PASS
					VN	-1.77	-0.00093	PASS
					VH	-4.06	-0.00213	PASS
		3	LCH	TN	VL	0.84	0.00045	PASS
					VN	-0.11	-0.00006	PASS
					VH	-0.70	-0.00038	PASS
			MCH	TN	VL	0.19	0.0001	PASS
					VN	-0.57	-0.0003	PASS
					VH	-0.07	-0.00004	PASS
			HCH	TN	VL	0.27	0.00014	PASS
					VN	0.01	0.00001	PASS
					VH	0.23	0.00012	PASS
		5	LCH	TN	VL	-1.12	-0.0006	PASS
					VN	-2.72	-0.00147	PASS
					VH	-1.40	-0.00076	PASS
			MCH	TN	VL	-0.13	-0.00007	PASS
					VN	-0.40	-0.00021	PASS
					VH	-0.30	-0.00016	PASS
			HCH	TN	VL	-0.94	-0.00049	PASS
					VN	-0.56	-0.00029	PASS
					VH	0.03	0.00002	PASS
		10	LCH	TN	VL	-0.92	-0.0005	PASS
					VN	-2.83	-0.00153	PASS
					VH	-1.19	-0.00064	PASS
MCH	TN		VL	0.87	0.00046	PASS		
			VN	0.04	0.00002	PASS		
			VH	0.47	0.00025	PASS		
HCH	TN		VL	-0.56	-0.00029	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		15	LCH	TN	VN	-3.85	-0.00202	PASS	
					VH	-3.39	-0.00178	PASS	
					VL	-1.50	-0.00081	PASS	
			MCH	TN	VN	0.90	0.00048	PASS	
					VH	1.26	0.00068	PASS	
					VL	0.23	0.00012	PASS	
		HCH	TN	VN	-0.34	-0.00018	PASS		
				VH	0.16	0.00009	PASS		
				VL	-0.66	-0.00035	PASS		
		20	LCH	TN	VN	-0.40	-0.00021	PASS	
					VH	-1.03	-0.00054	PASS	
					VL	-0.77	-0.00041	PASS	
			MCH	TN	VN	0.47	0.00025	PASS	
					VH	-1.82	-0.00098	PASS	
					VL	1.50	0.0008	PASS	
		HCH	TN	VN	1.37	0.00073	PASS		
				VH	1.60	0.00085	PASS		
				VL	-2.93	-0.00154	PASS		
		LTE/TM2	1.4	LCH	TN	VN	-3.45	-0.00186	PASS
						VH	-1.02	-0.00055	PASS
						VL	-0.23	-0.00012	PASS
				MCH	TN	VN	-0.23	-0.00012	PASS
						VH	2.17	0.00115	PASS
						VL	0.40	0.00021	PASS
	HCH			TN	VN	4.66	0.00244	PASS	
					VH	7.25	0.0038	PASS	
					VL	1.44	0.00075	PASS	
	3			LCH	TN	VN	-2.43	-0.00131	PASS
						VH	-0.76	-0.00041	PASS
						VL	0.29	0.00016	PASS
			MCH	TN	VN	-0.76	-0.00041	PASS	
					VH	1.09	0.00058	PASS	
					VL	0.44	0.00023	PASS	
			HCH	TN	VN	0.53	0.00028	PASS	
					VH	-2.62	-0.00137	PASS	
					VL	0.50	0.00026	PASS	
	5		LCH	TN	VN	-0.33	-0.00017	PASS	
					VH	-0.33	-0.00017	PASS	
					VL	-2.43	-0.00131	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-1.24	-0.00067	PASS
					VH	-2.50	-0.00135	PASS
					VL	3.29	0.00175	PASS
			MCH	TN	VN	-0.19	-0.0001	PASS
					VH	0.49	0.00026	PASS
					VL	-1.59	-0.00083	PASS
			HCH	TN	VN	-0.92	-0.00048	PASS
					VH	-1.00	-0.00052	PASS
					VL	-0.04	-0.00002	PASS
		10	LCH	TN	VN	-0.74	-0.0004	PASS
					VH	-1.92	-0.00104	PASS
					VL	0.94	0.0005	PASS
			MCH	TN	VN	-0.56	-0.0003	PASS
					VH	1.13	0.0006	PASS
					VL	-2.45	-0.00129	PASS
			HCH	TN	VN	-0.97	-0.00051	PASS
					VH	-2.55	-0.00134	PASS
					VL	-1.00	-0.00054	PASS
		15	LCH	TN	VN	0.17	0.00009	PASS
					VH	-0.54	-0.00029	PASS
					VL	0.46	0.00024	PASS
			MCH	TN	VN	0.44	0.00023	PASS
					VH	-0.62	-0.00033	PASS
					VL	-1.03	-0.00054	PASS
			HCH	TN	VN	0.63	0.00033	PASS
					VH	0.44	0.00023	PASS
					VL	-3.66	-0.00197	PASS
		20	LCH	TN	VN	-4.46	-0.0024	PASS
					VH	-2.75	-0.00148	PASS
					VL	-0.53	-0.00028	PASS
MCH	TN		VN	-1.80	-0.00096	PASS		
			VH	-1.47	-0.00078	PASS		
			VL	-2.20	-0.00116	PASS		
HCH	TN		VN	-1.62	-0.00085	PASS		
			VH	-2.96	-0.00156	PASS		
			VL	-1.69	-0.00099	PASS		
BAND4	LTE/TM1	1.4	LCH	TN	VN	-1.66	-0.00097	PASS
					VH	-2.55	-0.00149	PASS
					VL	4.38	0.00253	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	2.29	0.00132	PASS	
					VH	1.69	0.00098	PASS	
					VL	0.62	0.00035	PASS	
			HCH	TN	VN	0.63	0.00036	PASS	
					VH	0.50	0.00029	PASS	
					VL	0.66	0.00039	PASS	
		3	LCH	TN	VN	-1.46	-0.00085	PASS	
					VH	-0.07	-0.00004	PASS	
					VL	0.99	0.00057	PASS	
			MCH	TN	VN	2.09	0.00121	PASS	
					VH	0.67	0.00039	PASS	
					VL	0.29	0.00017	PASS	
			HCH	TN	VN	0.57	0.00033	PASS	
					VH	0.51	0.00029	PASS	
					VL	-0.21	-0.00012	PASS	
			5	LCH	TN	VN	-5.21	-0.00304	PASS
						VH	-1.65	-0.00096	PASS
						VL	0.72	0.00042	PASS
		MCH		TN	VN	1.83	0.00106	PASS	
					VH	-0.79	-0.00046	PASS	
					VL	-0.40	-0.00023	PASS	
		HCH		TN	VN	-0.72	-0.00041	PASS	
					VH	1.29	0.00074	PASS	
					VL	-2.95	-0.00172	PASS	
		10		LCH	TN	VN	-3.18	-0.00185	PASS
						VH	-1.12	-0.00065	PASS
						VL	-0.67	-0.00039	PASS
			MCH	TN	VN	1.17	0.00068	PASS	
					VH	0.09	0.00005	PASS	
					VL	-1.52	-0.00087	PASS	
			HCH	TN	VN	-1.33	-0.00076	PASS	
					VH	-2.56	-0.00146	PASS	
					VL	1.12	0.00065	PASS	
			15	LCH	TN	VN	1.87	0.00109	PASS
						VH	0.20	0.00012	PASS
						VL	1.30	0.00075	PASS
		MCH		TN	VN	0.47	0.00027	PASS	
					VH	-1.33	-0.00077	PASS	
					VL	0.37	0.00021	PASS	
		HCH		TN	VN	0.37	0.00021	PASS	
					VH	0.37	0.00021	PASS	
					VL	0.37	0.00021	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		20	LCH	TN	VN	0.77	0.00044	PASS	
					VH	0.34	0.00019	PASS	
					VL	-2.63	-0.00153	PASS	
			MCH	TN	VN	-3.91	-0.00227	PASS	
					VH	-2.50	-0.00145	PASS	
					VL	-0.72	-0.00042	PASS	
		HCH	TN	VN	-2.17	-0.00125	PASS		
				VH	-0.44	-0.00025	PASS		
				VL	-0.86	-0.00049	PASS		
		LTE/TM2	1.4	LCH	TN	VL	-0.51	-0.0003	PASS
						VN	-0.64	-0.00037	PASS
						VH	-0.64	-0.00037	PASS
				MCH	TN	VL	0.70	0.0004	PASS
						VN	0.74	0.00043	PASS
						VH	0.33	0.00019	PASS
			HCH	TN	VL	-1.39	-0.00079	PASS	
					VN	-1.50	-0.00086	PASS	
					VH	-2.07	-0.00118	PASS	
	3		LCH	TN	VL	-1.86	-0.00109	PASS	
					VN	-1.07	-0.00063	PASS	
					VH	-0.59	-0.00034	PASS	
			MCH	TN	VL	-2.79	-0.00161	PASS	
					VN	-1.30	-0.00075	PASS	
					VH	1.24	0.00072	PASS	
	HCH		TN	VL	0.06	0.00003	PASS		
				VN	-0.79	-0.00045	PASS		
				VH	0.33	0.00019	PASS		
	5	LCH	TN	VL	-2.92	-0.00171	PASS		
				VN	0.84	0.00049	PASS		
				VH	-1.12	-0.00065	PASS		
		MCH	TN	VL	-1.34	-0.00077	PASS		
				VN	-0.04	-0.00002	PASS		
				VH	0.46	0.00027	PASS		
	HCH	TN	VL	0.84	0.00048	PASS			
			VN	1.66	0.00095	PASS			
			VH	3.26	0.00186	PASS			
	10	LCH	TN	VL	-1.27	-0.00074	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-0.80	-0.00047	PASS		
					VH	-1.24	-0.00072	PASS		
					MCH	TN	VL	-0.23	-0.00013	PASS
							VN	1.23	0.00071	PASS
					VH	1.54	0.00089	PASS		
					HCH	TN	VL	-2.09	-0.00119	PASS
			VN	-2.09			-0.00119	PASS		
			VH	-3.48			-0.00199	PASS		
			15	LCH	TN	VL	0.69	0.0004	PASS	
						VN	1.95	0.00114	PASS	
						VH	1.04	0.00061	PASS	
				MCH	TN	VL	0.93	0.00054	PASS	
		VN				-0.59	-0.00034	PASS		
		VH				-1.76	-0.00102	PASS		
		HCH		TN	VL	-0.39	-0.00022	PASS		
					VN	0.06	0.00003	PASS		
					VH	-0.74	-0.00042	PASS		
		20		LCH	TN	VL	-1.97	-0.00115	PASS	
						VN	-2.65	-0.00154	PASS	
						VH	-1.70	-0.00099	PASS	
			MCH	TN	VL	1.07	0.00062	PASS		
					VN	-0.47	-0.00027	PASS		
					VH	-1.23	-0.00071	PASS		
			HCH	TN	VL	-2.00	-0.00115	PASS		
					VN	0.19	0.00011	PASS		
					VH	-0.76	-0.00044	PASS		
		BAND5	LTE/TM1	1.4	LCH	TN	VL	0.64	0.00078	PASS
							VN	-0.03	-0.00004	PASS
							VH	-0.44	-0.00053	PASS
					MCH	TN	VL	-1.40	-0.00167	PASS
VN	-2.75						-0.00329	PASS		
VH	-0.67						-0.0008	PASS		
HCH	TN				VL	-1.82	-0.00215	PASS		
					VN	0.14	0.00017	PASS		
					VH	-1.54	-0.00182	PASS		
3	LCH			TN	VL	1.49	0.0018	PASS		
					VN	2.16	0.00262	PASS		
					VH	0.17	0.00021	PASS		
MCH	TN			VL	-0.80	-0.00096	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	-1.40	-0.00167	PASS	
					VH	-3.30	-0.00395	PASS	
					VL	-1.70	-0.00201	PASS	
			HCH	TN	VN	0.64	0.00076	PASS	
			VH	-0.79	-0.00093	PASS			
			5	LCH	TN	VL	-1.85	-0.00224	PASS
		VN				-2.16	-0.00261	PASS	
		VH				-1.85	-0.00224	PASS	
		MCH		TN	VL	-2.29	-0.00274	PASS	
					VN	-1.95	-0.00233	PASS	
					VH	-1.76	-0.0021	PASS	
		HCH		TN	VL	-0.92	-0.00109	PASS	
					VN	-1.09	-0.00129	PASS	
					VH	-0.21	-0.00025	PASS	
		10		LCH	TN	VL	-2.17	-0.00262	PASS
						VN	-2.12	-0.00256	PASS
						VH	-0.86	-0.00104	PASS
			MCH	TN	VL	-1.72	-0.00206	PASS	
					VN	-1.63	-0.00195	PASS	
					VH	-1.83	-0.00219	PASS	
			HCH	TN	VL	-0.47	-0.00056	PASS	
					VN	-1.96	-0.00232	PASS	
					VH	-0.73	-0.00086	PASS	
		LTE/TM2	1.4	LCH	TN	VL	-0.24	-0.00029	PASS
						VN	-1.10	-0.00133	PASS
						VH	-1.62	-0.00196	PASS
				MCH	TN	VL	-1.13	-0.00135	PASS
						VN	0.40	0.00048	PASS
						VH	-2.56	-0.00306	PASS
				HCH	TN	VL	0.47	0.00055	PASS
						VN	0.16	0.00019	PASS
						VH	-0.70	-0.00083	PASS
			3	LCH	TN	VL	-0.67	-0.00081	PASS
						VN	-0.76	-0.00092	PASS
						VH	-1.32	-0.0016	PASS
				MCH	TN	VL	-3.08	-0.00368	PASS
VN	-2.02					-0.00241	PASS		
VH	-0.99					-0.00118	PASS		
HCH	TN	VL	-0.62	-0.00073	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		5	LCH	TN	VN	-0.73	-0.00086	PASS		
					VH	-0.36	-0.00042	PASS		
					VL	-0.60	-0.00073	PASS		
			MCH	TN	VN	-1.44	-0.00174	PASS		
					VH	-0.11	-0.00013	PASS		
					VL	-1.86	-0.00222	PASS		
			HCH	TN	VN	-1.50	-0.00179	PASS		
					VH	-0.56	-0.00067	PASS		
					VL	0.26	0.00031	PASS		
		10	LCH	TN	VN	-0.36	-0.00043	PASS		
					VH	-0.10	-0.00012	PASS		
					VL	-1.44	-0.00174	PASS		
			MCH	TN	VN	-1.60	-0.00193	PASS		
					VH	-1.82	-0.0022	PASS		
					VL	-2.42	-0.00289	PASS		
			HCH	TN	VN	-3.02	-0.00361	PASS		
					VH	-2.35	-0.00281	PASS		
					VL	-1.24	-0.00147	PASS		
		BAND17	LTE/TM1	5	LCH	TN	VN	-2.90	-0.0041	PASS
							VH	-4.49	-0.00636	PASS
							VL	-3.12	-0.00442	PASS
					MCH	TN	VN	-0.87	-0.00123	PASS
							VH	-1.32	-0.00186	PASS
							VL	-1.52	-0.00214	PASS
HCH	TN				VN	-2.15	-0.00301	PASS		
					VH	-1.40	-0.00196	PASS		
					VL	-3.16	-0.00443	PASS		
10	LCH			TN	VN	-2.27	-0.0032	PASS		
					VH	-2.82	-0.00398	PASS		
					VL	-1.07	-0.00151	PASS		
	MCH			TN	VN	0.29	0.00041	PASS		
					VH	-0.09	-0.00013	PASS		
					VL	0.80	0.00113	PASS		
	HCH			TN	VN	-0.90	-0.00127	PASS		
					VH	-1.99	-0.0028	PASS		
					VL	-0.09	-0.00013	PASS		
LTE/TM2	5		LCH	TN	VL	-3.12	-0.00442	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-2.37	-0.00335	PASS
					VH	-1.67	-0.00236	PASS
					VL	-1.47	-0.00207	PASS
			MCH	TN	VN	-1.26	-0.00177	PASS
					VH	-2.79	-0.00393	PASS
					VL	-2.43	-0.00341	PASS
			HCH	TN	VN	-0.96	-0.00135	PASS
					VH	-1.66	-0.00233	PASS
					VL	-0.66	-0.00093	PASS
		10	LCH	TN	VN	-1.92	-0.00271	PASS
					VH	-1.19	-0.00168	PASS
					VL	-0.50	-0.0007	PASS
			MCH	TN	VN	-0.03	-0.00004	PASS
					VH	0.80	0.00113	PASS
					VL	-1.60	-0.00225	PASS
			HCH	TN	VN	-1.36	-0.00191	PASS
					VH	-1.04	-0.00146	PASS
					VL	-1.04	-0.00146	PASS

**8.3.2 Frequency Error vs. Voltage:**

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	VN	-30	-1.95	-0.00105	PASS
					-20	-2.10	-0.00113	PASS
					-10	-1.97	-0.00106	PASS
					0	-1.50	-0.00081	PASS
					10	-0.82	-0.00044	PASS
					20	-0.06	-0.00003	PASS
					30	-1.46	-0.00079	PASS
					40	-3.95	-0.00213	PASS
			50	-1.16	-0.00063	PASS		
			MCH	VN	-30	-1.00	-0.00053	PASS
					-20	1.33	0.00071	PASS
					-10	0.14	0.00007	PASS
					0	0.80	0.00043	PASS
					10	1.87	0.00099	PASS
20	-0.43	-0.00023			PASS			
30	1.13	0.0006	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.63	0.00034	PASS
					50	0.09	0.00005	PASS
			HCH	VN	-30	-1.39	-0.00073	PASS
					-20	-4.43	-0.00232	PASS
					-10	-4.26	-0.00223	PASS
					0	-7.17	-0.00376	PASS
					10	-3.50	-0.00183	PASS
					20	-2.19	-0.00115	PASS
					30	0.83	0.00043	PASS
					40	-10.47	-0.00548	PASS
					50	-3.19	-0.00167	PASS
					3	LCH	VN	-30
		-20	1.77	0.00096				PASS
		-10	1.27	0.00069				PASS
		0	2.06	0.00111				PASS
		10	0.49	0.00026				PASS
		20	-0.04	-0.00002				PASS
		30	-0.37	-0.0002				PASS
		40	3.25	0.00176				PASS
		50	0.41	0.00022		PASS		
		MCH	VN	-30		-1.57	-0.00084	PASS
				-20		0.66	0.00035	PASS
				-10		0.72	0.00038	PASS
				0		0.69	0.00037	PASS
				10		1.75	0.00093	PASS
				20		1.19	0.00063	PASS
				30		-0.03	-0.00002	PASS
				40		-2.63	-0.0014	PASS
		50	1.47	0.00078		PASS		
		HCH	VN	-30	-2.30	-0.00121	PASS	
				-20	-1.52	-0.0008	PASS	
				-10	-0.07	-0.00004	PASS	
				0	-3.10	-0.00162	PASS	
10	-3.25			-0.0017	PASS			
20	-1.89			-0.00099	PASS			
30	0.09			0.00005	PASS			
40	-2.46			-0.00129	PASS			
50	1.32	0.00069	PASS					
5	LCH	VN	-30	-2.20	-0.00119	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-2.92	-0.00158	PASS	
					-10	-0.67	-0.00036	PASS	
					0	-2.86	-0.00154	PASS	
					10	-0.86	-0.00046	PASS	
					20	-2.73	-0.00147	PASS	
					30	-1.77	-0.00096	PASS	
					40	-3.22	-0.00174	PASS	
					50	-2.05	-0.00111	PASS	
			MCH	VN	-30	1.82	0.00097	PASS	
					-20	1.52	0.00081	PASS	
					-10	2.70	0.00144	PASS	
					0	0.99	0.00053	PASS	
					10	0.82	0.00044	PASS	
					20	0.86	0.00046	PASS	
					30	2.03	0.00108	PASS	
					40	-0.66	-0.00035	PASS	
			HCH	VN	-30	0.03	0.00002	PASS	
					-20	-0.67	-0.00035	PASS	
					-10	-2.22	-0.00116	PASS	
					0	-1.53	-0.0008	PASS	
					10	2.90	0.00152	PASS	
					20	-0.23	-0.00012	PASS	
					30	-2.47	-0.00129	PASS	
					40	-1.49	-0.00078	PASS	
			10	LCH	VN	-30	-2.10	-0.00113	PASS
						-20	-0.26	-0.00014	PASS
						-10	-0.49	-0.00026	PASS
						0	-1.69	-0.00091	PASS
		10				-0.92	-0.0005	PASS	
		20				-0.50	-0.00027	PASS	
		30				-2.88	-0.00155	PASS	
		40				-0.76	-0.00041	PASS	
		50		-1.34	-0.00072	PASS			
		MCH		VN	-30	0.87	0.00046	PASS	
					-20	1.90	0.00101	PASS	
					-10	0.37	0.0002	PASS	
			0		0.19	0.0001	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.39	0.00021	PASS
					20	0.53	0.00028	PASS
					30	1.37	0.00073	PASS
					40	-1.42	-0.00076	PASS
					50	1.49	0.00079	PASS
			HCH	VN	-30	-3.22	-0.00169	PASS
					-20	-4.02	-0.00211	PASS
					-10	-3.69	-0.00194	PASS
					0	-2.86	-0.0015	PASS
					10	-1.66	-0.00087	PASS
					20	-3.09	-0.00162	PASS
					30	-4.59	-0.00241	PASS
					40	-5.06	-0.00266	PASS
					50	-2.53	-0.00133	PASS
					15	LCH	VN	-30
		-20	0.54	0.00029				PASS
		-10	0.01	0.00001				PASS
		0	0.79	0.00043				PASS
		10	0.99	0.00053				PASS
		20	-0.93	-0.0005				PASS
		30	0.76	0.00041				PASS
		40	0.62	0.00033				PASS
		MCH	VN	-30		1.27	0.00068	PASS
				-20		0.23	0.00012	PASS
				-10		0.69	0.00037	PASS
				0		1.02	0.00054	PASS
				10		-0.51	-0.00027	PASS
				20		-0.53	-0.00028	PASS
				30		0.66	0.00035	PASS
		HCH	VN	-30	-0.84	-0.00044	PASS	
				-20	0.70	0.00037	PASS	
				-10	-0.62	-0.00033	PASS	
				0	0.04	0.00002	PASS	
10	0.44			0.00023	PASS			
20	0.01			0.00001	PASS			
30	-0.01			-0.00001	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20	LCH	VN	40	1.43	0.00075	PASS
					50	1.73	0.00091	PASS
					-30	-2.70	-0.00145	PASS
					-20	-3.69	-0.00198	PASS
					-10	-0.93	-0.0005	PASS
					0	-1.97	-0.00106	PASS
					10	-2.59	-0.00139	PASS
					20	-5.28	-0.00284	PASS
					30	-2.89	-0.00155	PASS
					40	-2.15	-0.00116	PASS
			50	-6.51	-0.0035	PASS		
			MCH	VN	-30	1.93	0.00103	PASS
					-20	-0.44	-0.00023	PASS
					-10	-1.66	-0.00088	PASS
					0	1.42	0.00076	PASS
					10	-1.34	-0.00071	PASS
					20	1.86	0.00099	PASS
					30	-1.80	-0.00096	PASS
					40	-0.72	-0.00038	PASS
			HCH	VN	50	0.92	0.00049	PASS
					-30	-3.25	-0.00171	PASS
	-20	-3.62			-0.00191	PASS		
	-10	-3.22			-0.00169	PASS		
	0	-4.15			-0.00218	PASS		
	10	-4.09			-0.00215	PASS		
	20	-2.93			-0.00154	PASS		
	LTE/TM2	1.4	LCH	VN	-30	-5.18	-0.0028	PASS
					-20	0.31	0.00017	PASS
					-10	-3.69	-0.00199	PASS
					0	-1.46	-0.00079	PASS
					10	-4.06	-0.00219	PASS
					20	-2.40	-0.0013	PASS
					30	-2.63	-0.00142	PASS
40					1.14	0.00062	PASS	
50					-3.10	-0.00168	PASS	
MCH					VN	-30	1.29	0.00069



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	1.90	0.00101	PASS	
					-10	2.16	0.00115	PASS	
					0	2.69	0.00143	PASS	
					10	2.53	0.00135	PASS	
					20	0.83	0.00044	PASS	
					30	-0.01	-0.00001	PASS	
					40	2.83	0.00151	PASS	
					50	2.17	0.00115	PASS	
			HCH	VN	-30	-0.26	-0.00014	PASS	
					-20	3.06	0.0016	PASS	
					-10	1.56	0.00082	PASS	
					0	1.57	0.00082	PASS	
					10	5.56	0.00291	PASS	
					20	-0.57	-0.0003	PASS	
					30	2.00	0.00105	PASS	
					40	0.29	0.00015	PASS	
			3	LCH	VN	-30	2.00	0.00108	PASS
						-20	1.06	0.00057	PASS
		-10				-0.13	-0.00007	PASS	
		0				-1.56	-0.00084	PASS	
		10				0.64	0.00035	PASS	
		20				-0.46	-0.00025	PASS	
		30				2.26	0.00122	PASS	
		40				0.50	0.00027	PASS	
		MCH		VN	-30	0.50	0.00027	PASS	
					-20	-0.54	-0.00029	PASS	
					-10	0.31	0.00016	PASS	
					0	-0.43	-0.00023	PASS	
					10	-1.26	-0.00067	PASS	
					20	0.89	0.00047	PASS	
					30	0.49	0.00026	PASS	
					40	0.93	0.00049	PASS	
		HCH		VN	-30	-1.29	-0.00068	PASS	
					-20	-0.57	-0.0003	PASS	
			-10		-0.60	-0.00031	PASS		
			0		1.00	0.00052	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.03	-0.00106	PASS
					20	-0.60	-0.00031	PASS
					30	-2.10	-0.0011	PASS
					40	-0.86	-0.00045	PASS
					50	-0.37	-0.00019	PASS
		5	LCH	VN	-30	-3.92	-0.00212	PASS
					-20	-1.10	-0.00059	PASS
					-10	-2.73	-0.00147	PASS
					0	-1.86	-0.001	PASS
					10	-1.96	-0.00106	PASS
					20	-1.52	-0.00082	PASS
					30	-2.39	-0.00129	PASS
					40	-0.89	-0.00048	PASS
					50	-1.89	-0.00102	PASS
					MCH	VN	-30	1.17
			-20	0.83			0.00044	PASS
			-10	0.72			0.00038	PASS
			0	2.62			0.00139	PASS
			10	0.86			0.00046	PASS
			20	0.69			0.00037	PASS
			30	1.19			0.00063	PASS
			40	2.63			0.0014	PASS
			50	0.33			0.00018	PASS
			HCH	VN	-30	-2.05	-0.00107	PASS
					-20	-0.34	-0.00018	PASS
					-10	2.98	0.00156	PASS
					0	-1.10	-0.00058	PASS
					10	-1.02	-0.00053	PASS
					20	-0.43	-0.00023	PASS
					30	-2.22	-0.00116	PASS
40	-1.26	-0.00066			PASS			
10	LCH	VN	50	0.80	0.00042	PASS		
			-30	3.38	0.00182	PASS		
			-20	-1.44	-0.00078	PASS		
			-10	1.82	0.00098	PASS		
			0	-0.26	-0.00014	PASS		
			10	0.16	0.00009	PASS		
			20	-1.09	-0.00059	PASS		
30	-0.43	-0.00023	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	-0.80	-0.00043	PASS	
					50	-1.93	-0.00104	PASS	
			MCH	VN	-30	-0.19	-0.0001	PASS	
					-20	0.83	0.00044	PASS	
					-10	0.73	0.00039	PASS	
					0	0.92	0.00049	PASS	
					10	0.62	0.00033	PASS	
					20	1.22	0.00065	PASS	
					30	-0.07	-0.00004	PASS	
					40	0.20	0.00011	PASS	
					50	-1.19	-0.00063	PASS	
					HCH	VN	-30	-3.16	-0.00166
			-20	-3.73			-0.00196	PASS	
			-10	-1.36			-0.00071	PASS	
			0	-3.38			-0.00177	PASS	
			10	-3.42			-0.0018	PASS	
			20	-4.31			-0.00226	PASS	
			30	-1.70			-0.00089	PASS	
		40	-4.11	-0.00216			PASS		
		15		LCH	VN	-30	0.39	0.00021	PASS
						-20	-1.93	-0.00104	PASS
						-10	1.02	0.00055	PASS
						0	-0.51	-0.00027	PASS
						10	-0.19	-0.0001	PASS
						20	0.44	0.00024	PASS
						30	0.19	0.0001	PASS
						40	-2.07	-0.00111	PASS
				50	-1.75	-0.00094	PASS		
				MCH	VN	-30	1.39	0.00074	PASS
						-20	0.43	0.00023	PASS
						-10	-2.47	-0.00131	PASS
						0	-2.02	-0.00107	PASS
						10	-1.53	-0.00081	PASS
20	-0.34					-0.00018	PASS		
30	-0.57	-0.0003	PASS						
40	1.16	0.00062	PASS						
50	0.59	0.00031	PASS						
HCH	VN	-30	1.29	0.00068	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	0.40	0.00021	PASS		
					-10	-0.17	-0.00009	PASS		
					0	0.11	0.00006	PASS		
					10	0.04	0.00002	PASS		
					20	-1.40	-0.00074	PASS		
					30	0.64	0.00034	PASS		
					40	-0.79	-0.00042	PASS		
					50	0.20	0.00011	PASS		
		20	LCH	VN	-30	-3.18	-0.00171	PASS		
					-20	-2.86	-0.00154	PASS		
					-10	-2.80	-0.00151	PASS		
					0	-4.16	-0.00224	PASS		
					10	-3.12	-0.00168	PASS		
					20	-3.13	-0.00168	PASS		
					30	-2.98	-0.0016	PASS		
					40	-1.65	-0.00089	PASS		
					50	-2.73	-0.00147	PASS		
					MCH	VN	-30	-0.31	-0.00016	PASS
							-20	-0.23	-0.00012	PASS
							-10	-0.64	-0.00034	PASS
			0	-1.14			-0.00061	PASS		
			10	-1.19			-0.00063	PASS		
			20	-1.00			-0.00053	PASS		
			30	1.00			0.00053	PASS		
			40	-0.84			-0.00045	PASS		
			HCH	VN	-30	-0.21	-0.00011	PASS		
					-20	-1.85	-0.00097	PASS		
					-10	-1.53	-0.00081	PASS		
					0	-1.87	-0.00098	PASS		
					10	-1.24	-0.00065	PASS		
					20	-1.19	-0.00063	PASS		
					30	-1.76	-0.00093	PASS		
40	-0.77	-0.00041			PASS					
50	-1.16	-0.00061	PASS							
BAND4	LTE/TM1	1.4	LCH	VN	-30	-2.53	-0.00148	PASS		
					-20	-2.00	-0.00117	PASS		
					-10	-3.62	-0.00212	PASS		
					0	-3.00	-0.00175	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict					
					10	-2.73	-0.0016	PASS					
					20	-0.96	-0.00056	PASS					
					30	-0.37	-0.00022	PASS					
					40	0.03	0.00002	PASS					
					50	0.04	0.00002	PASS					
			MCH	VN				-30	-1.06	-0.00061	PASS		
								-20	-1.70	-0.00098	PASS		
								-10	1.92	0.00111	PASS		
								0	0.40	0.00023	PASS		
								10	-0.30	-0.00017	PASS		
								20	-0.06	-0.00003	PASS		
								30	0.96	0.00055	PASS		
								40	0.60	0.00035	PASS		
								50	1.83	0.00106	PASS		
			HCH	VN				-30	-1.44	-0.00082	PASS		
								-20	0.56	0.00032	PASS		
								-10	0.21	0.00012	PASS		
								0	-0.11	-0.00006	PASS		
								10	-0.76	-0.00043	PASS		
								20	-1.85	-0.00105	PASS		
								30	-0.13	-0.00007	PASS		
								40	1.10	0.00063	PASS		
			3			LCH	VN	-30	-0.09	-0.00005	PASS		
								-20	0.16	0.00009	PASS		
		-10						-2.32	-0.00136	PASS			
		0						-0.17	-0.0001	PASS			
		10						0.51	0.0003	PASS			
		20						-0.36	-0.00021	PASS			
		MCH				VN				30	0.04	0.00002	PASS
										40	-1.14	-0.00067	PASS
										50	-0.99	-0.00058	PASS
										-30	-0.63	-0.00036	PASS
										-20	3.40	0.00196	PASS
										-10	0.06	0.00003	PASS
							0	0.27	0.00016	PASS			
							10	1.02	0.00059	PASS			
20	1.46						0.00084	PASS					
30	-0.06						-0.00003	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.23	0.00013	PASS
					50	1.14	0.00066	PASS
			HCH	VN	-30	0.13	0.00007	PASS
					-20	2.06	0.00117	PASS
					-10	0.87	0.0005	PASS
					0	1.14	0.00065	PASS
					10	0.56	0.00032	PASS
					20	1.22	0.0007	PASS
					30	0.56	0.00032	PASS
					40	1.33	0.00076	PASS
					50	1.04	0.00059	PASS
					LCH	VN	-30	-1.87
		-20	-1.72	-0.001			PASS	
		-10	-1.89	-0.0011			PASS	
		0	-0.74	-0.00043			PASS	
		10	-0.70	-0.00041			PASS	
		20	-1.24	-0.00072			PASS	
		30	-2.50	-0.00146			PASS	
		40	-1.52	-0.00089			PASS	
		50	-2.72	-0.00159			PASS	
		MCH	VN	-30			0.86	0.0005
				-20	0.66	0.00038	PASS	
				-10	2.86	0.00165	PASS	
				0	-0.49	-0.00028	PASS	
				10	0.24	0.00014	PASS	
				20	-0.03	-0.00002	PASS	
				30	1.67	0.00096	PASS	
				40	0.40	0.00023	PASS	
				50	1.67	0.00096	PASS	
				HCH	VN	-30	1.42	0.00081
		-20	-0.87			-0.0005	PASS	
		-10	0.76			0.00043	PASS	
0	0.44	0.00025	PASS					
10	0.11	0.00006	PASS					
20	-1.00	-0.00057	PASS					
30	2.39	0.00136	PASS					
40	0.01	0.00001	PASS					
50	-0.60	-0.00034	PASS					
10	LCH	VN	-30	-0.82	-0.00048	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-0.37	-0.00022	PASS	
					-10	-1.12	-0.00065	PASS	
					0	-1.96	-0.00114	PASS	
					10	-0.34	-0.0002	PASS	
					20	-1.99	-0.00116	PASS	
					30	-1.59	-0.00093	PASS	
					40	-3.22	-0.00188	PASS	
					50	-0.30	-0.00017	PASS	
			MCH	VN	-30	0.62	0.00036	PASS	
					-20	1.54	0.00089	PASS	
					-10	2.19	0.00126	PASS	
					0	0.17	0.0001	PASS	
					10	0.41	0.00024	PASS	
					20	-0.06	-0.00003	PASS	
					30	-0.40	-0.00023	PASS	
					40	-0.11	-0.00006	PASS	
			HCH	VN	-30	-1.86	-0.00106	PASS	
					-20	-1.19	-0.00068	PASS	
					-10	-0.84	-0.00048	PASS	
					0	-3.20	-0.00183	PASS	
					10	-1.82	-0.00104	PASS	
					20	-1.57	-0.0009	PASS	
					30	-2.80	-0.0016	PASS	
					40	-2.47	-0.00141	PASS	
			15	LCH	VN	-30	-1.12	-0.00065	PASS
						-20	-0.54	-0.00031	PASS
						-10	0.66	0.00038	PASS
						0	0.41	0.00024	PASS
		10				1.02	0.00059	PASS	
		20				1.52	0.00089	PASS	
		30				-0.64	-0.00037	PASS	
		40				-0.03	-0.00002	PASS	
		50		0.23	0.00013	PASS			
		MCH		VN	-30	0.31	0.00018	PASS	
					-20	-0.29	-0.00017	PASS	
					-10	0.72	0.00042	PASS	
			0		-0.23	-0.00013	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					10	1.33	0.00077	PASS				
					20	1.02	0.00059	PASS				
					30	0.27	0.00016	PASS				
					40	1.02	0.00059	PASS				
					50	-1.06	-0.00061	PASS				
			HCH	VN				-30	0.63	0.00036	PASS	
								-20	1.13	0.00065	PASS	
								-10	-0.17	-0.0001	PASS	
								0	0.54	0.00031	PASS	
								10	2.10	0.0012	PASS	
						20	1.75	0.001	PASS			
						30	1.22	0.0007	PASS			
						40	0.34	0.00019	PASS			
						50	0.24	0.00014	PASS			
						LCH	VN				-30	-2.63
			-20	-2.32							-0.00135	PASS
			-10	-2.06							-0.0012	PASS
			0	-1.56							-0.00091	PASS
			10	-2.73							-0.00159	PASS
			20	-3.60					-0.00209	PASS		
		30	-2.17	-0.00126					PASS			
		40	-4.16	-0.00242					PASS			
		50	-3.09	-0.0018					PASS			
		MCH	VN								-30	1.17
						-20	-0.64				-0.00037	PASS
					-10	0.27	0.00016				PASS	
					0	0.79	0.00046				PASS	
					10	1.22	0.0007				PASS	
					20	0.54	0.00031		PASS			
					30	-0.01	-0.00001		PASS			
					40	1.66	0.00096		PASS			
					50	1.47	0.00085		PASS			
					HCH	VN					-30	0.64
		-20	-1.82								-0.00104	PASS
		-10	-1.13					-0.00065			PASS	
		0	0.03					0.00002			PASS	
		10	-0.84					-0.00048			PASS	
		20	-2.27					-0.0013	PASS			
		30	-0.66					-0.00038	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	40	-2.79	-0.0016	PASS
					50	-0.57	-0.00033	PASS
					-30	-1.20	-0.0007	PASS
					-20	1.43	0.00084	PASS
					-10	0.09	0.00005	PASS
					0	0.01	0.00001	PASS
					10	-1.19	-0.0007	PASS
					20	0.20	0.00012	PASS
					30	-0.33	-0.00019	PASS
			40	-2.42	-0.00141	PASS		
			50	-2.12	-0.00124	PASS		
			MCH	VN	-30	0.21	0.00012	PASS
					-20	0.70	0.0004	PASS
					-10	-1.22	-0.0007	PASS
					0	0.43	0.00025	PASS
					10	0.16	0.00009	PASS
					20	1.70	0.00098	PASS
					30	0.19	0.00011	PASS
		40			-1.30	-0.00075	PASS	
		50			1.57	0.00091	PASS	
		HCH	VN	-30	0.59	0.00034	PASS	
				-20	-3.25	-0.00185	PASS	
				-10	0.21	0.00012	PASS	
				0	0.44	0.00025	PASS	
				10	0.89	0.00051	PASS	
				20	-0.17	-0.0001	PASS	
				30	-1.30	-0.00074	PASS	
				40	-0.57	-0.00032	PASS	
				50	2.66	0.00152	PASS	
		3	LCH	VN	-30	0.37	0.00022	PASS
					-20	-2.26	-0.00132	PASS
					-10	-0.31	-0.00018	PASS
					0	1.52	0.00089	PASS
					10	0.89	0.00052	PASS
					20	-0.80	-0.00047	PASS
					30	-0.57	-0.00033	PASS
40	1.47				0.00086	PASS		
50	0.74				0.00043	PASS		
MCH	VN		-30	-0.50	-0.00029	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.23	-0.00071	PASS		
					-10	-2.73	-0.00158	PASS		
					0	-1.40	-0.00081	PASS		
					10	-3.02	-0.00174	PASS		
					20	-1.13	-0.00065	PASS		
					30	-0.90	-0.00052	PASS		
					40	-0.33	-0.00019	PASS		
					50	0.21	0.00012	PASS		
			HCH	VN	-30	1.36	0.00078	PASS		
					-20	0.46	0.00026	PASS		
					-10	0.07	0.00004	PASS		
					0	0.84	0.00048	PASS		
					10	-1.65	-0.00094	PASS		
					20	0.16	0.00009	PASS		
					30	1.75	0.001	PASS		
					40	-0.34	-0.00019	PASS		
			LCH	VN	-30	-2.99	-0.00175	PASS		
					-20	-2.32	-0.00135	PASS		
					-10	-2.72	-0.00159	PASS		
					0	-0.09	-0.00005	PASS		
		10			-2.25	-0.00131	PASS			
		20			-2.05	-0.0012	PASS			
		30			-2.20	-0.00128	PASS			
		40			-1.30	-0.00076	PASS			
		MCH	VN	-30	1.30	0.00075	PASS			
				-20	0.19	0.00011	PASS			
				-10	1.44	0.00083	PASS			
				0	-1.36	-0.00078	PASS			
				10	0.53	0.00031	PASS			
				20	1.99	0.00115	PASS			
				30	0.16	0.00009	PASS			
				40	-0.73	-0.00042	PASS			
		HCH	VN	-30	-0.14	-0.00008	PASS			
				-20	-1.97	-0.00112	PASS			
				-10	-0.34	-0.00019	PASS			
				0	-2.07	-0.00118	PASS			
		5					-30	-2.99	-0.00175	PASS
							-20	-2.32	-0.00135	PASS
							-10	-2.72	-0.00159	PASS
							0	-0.09	-0.00005	PASS
10	-2.25						-0.00131	PASS		
20	-2.05						-0.0012	PASS		
30	-2.20						-0.00128	PASS		
40	-1.30						-0.00076	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.93	0.00053	PASS
					20	-0.20	-0.00011	PASS
					30	-2.25	-0.00128	PASS
					40	-1.00	-0.00057	PASS
					50	-1.54	-0.00088	PASS
		10	LCH	VN	-30	0.79	0.00046	PASS
					-20	-2.43	-0.00142	PASS
					-10	-0.03	-0.00002	PASS
					0	-1.63	-0.00095	PASS
					10	-1.54	-0.0009	PASS
					20	-0.30	-0.00017	PASS
					30	-2.82	-0.00164	PASS
					40	-1.47	-0.00086	PASS
					50	0.36	0.00021	PASS
					MCH	VN	-30	0.49
			-20	0.30			0.00017	PASS
			-10	0.49			0.00028	PASS
			0	-0.24			-0.00014	PASS
			10	-2.56			-0.00148	PASS
			20	-0.69			-0.0004	PASS
			30	0.49			0.00028	PASS
			40	-1.73			-0.001	PASS
			HCH	VN	-30	-2.20	-0.00126	PASS
					-20	-3.76	-0.00215	PASS
					-10	-1.54	-0.00088	PASS
					0	-3.08	-0.00176	PASS
					10	-2.36	-0.00135	PASS
					20	-3.06	-0.00175	PASS
					30	-1.96	-0.00112	PASS
			15	LCH	VN	-30	0.39	0.00023
-20	0.40	0.00023				PASS		
-10	1.69	0.00098				PASS		
0	-0.23	-0.00013				PASS		
10	0.62	0.00036				PASS		
20	0.34	0.0002				PASS		
30	1.66	0.00097				PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	1.65	0.00096	PASS	
					50	0.33	0.00019	PASS	
			MCH	VN	-30	1.57	0.00091	PASS	
					-20	1.02	0.00059	PASS	
					-10	0.43	0.00025	PASS	
					0	1.52	0.00088	PASS	
					10	0.67	0.00039	PASS	
					20	2.26	0.0013	PASS	
					30	0.56	0.00032	PASS	
					40	1.24	0.00072	PASS	
					50	-0.77	-0.00044	PASS	
					HCH	VN	-30	0.01	0.00001
			-20	0.50			0.00029	PASS	
			-10	2.63			0.00151	PASS	
			0	0.92			0.00053	PASS	
			10	1.12			0.00064	PASS	
			20	1.00			0.00057	PASS	
			30	1.09			0.00062	PASS	
			40	2.15			0.00123	PASS	
			20		LCH	VN	-30	-2.30	-0.00134
		-20					-1.36	-0.00079	PASS
		-10					-1.23	-0.00072	PASS
		0					-1.10	-0.00064	PASS
		10					-2.92	-0.0017	PASS
		20					-1.83	-0.00106	PASS
		30					-3.25	-0.00189	PASS
		40					-1.44	-0.00084	PASS
		50					-1.62	-0.00094	PASS
		MCH					VN	-30	-0.41
			-20	0.47	0.00027	PASS			
			-10	0.84	0.00048	PASS			
			0	0.47	0.00027	PASS			
			10	1.37	0.00079	PASS			
			20	-0.31	-0.00018	PASS			
			30	1.23	0.00071	PASS			
			40	-0.51	-0.00029	PASS			
		50	0.23	0.00013	PASS				
		HCH	VN	-30	-0.04	-0.00002	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-1.47	-0.00084	PASS	
					-10	-1.72	-0.00099	PASS	
					0	0.56	0.00032	PASS	
					10	-0.41	-0.00023	PASS	
					20	-0.13	-0.00007	PASS	
					30	0.53	0.0003	PASS	
					40	0.86	0.00049	PASS	
					50	0.03	0.00002	PASS	
BAND5	LTE/TM1	1.4	LCH	VN	-30	-2.30	-0.00279	PASS	
					-20	-0.64	-0.00078	PASS	
					-10	-0.59	-0.00072	PASS	
					0	-1.39	-0.00169	PASS	
					10	-1.29	-0.00156	PASS	
					20	0.27	0.00033	PASS	
					30	-0.83	-0.00101	PASS	
					40	-0.56	-0.00068	PASS	
			50		-1.46	-0.00177	PASS		
			MCH		VN	-30	-1.90	-0.00227	PASS
						-20	-0.27	-0.00032	PASS
						-10	-2.12	-0.00253	PASS
						0	-1.39	-0.00166	PASS
						10	-0.90	-0.00108	PASS
						20	0.29	0.00035	PASS
						30	-1.43	-0.00171	PASS
		40		-2.46		-0.00294	PASS		
		50	-1.77	-0.00212	PASS				
		HCH	VN	-30	-2.26	-0.00266	PASS		
				-20	-2.78	-0.00328	PASS		
				-10	-0.70	-0.00083	PASS		
				0	-2.10	-0.00248	PASS		
				10	-0.51	-0.0006	PASS		
				20	-1.52	-0.00179	PASS		
				30	0.41	0.00048	PASS		
				40	0.26	0.00031	PASS		
		50	-0.03	-0.00004	PASS				
		3	LCH	VN	-30	0.49	0.00059	PASS	
-20	0.93				0.00113	PASS			
-10	0.43				0.00052	PASS			
0	1.72				0.00208	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
		5			10	1.23	0.00149	PASS			
					20	-0.10	-0.00012	PASS			
					30	-0.06	-0.00007	PASS			
					40	0.11	0.00013	PASS			
					50	-0.97	-0.00118	PASS			
			MCH	VN	-30	-2.63	-0.00314	PASS			
					-20	-0.66	-0.00079	PASS			
					-10	-0.92	-0.0011	PASS			
					0	-2.88	-0.00344	PASS			
					10	-0.86	-0.00103	PASS			
					20	-1.10	-0.00132	PASS			
					30	0.43	0.00051	PASS			
					40	-1.17	-0.0014	PASS			
					50	-1.66	-0.00198	PASS			
			HCH	VN	-30	-1.27	-0.0015	PASS			
					-20	-0.77	-0.00091	PASS			
					-10	-1.49	-0.00176	PASS			
					0	-3.09	-0.00365	PASS			
					10	-2.25	-0.00265	PASS			
					20	-0.84	-0.00099	PASS			
					30	1.53	0.00181	PASS			
					40	-0.49	-0.00058	PASS			
			5		5	LCH	VN	-30	-1.00	-0.00121	PASS
								-20	-1.03	-0.00125	PASS
		-10						-3.06	-0.0037	PASS	
		0						-1.79	-0.00217	PASS	
		10						-0.64	-0.00077	PASS	
		20						0.39	0.00047	PASS	
		30				-1.75	-0.00212	PASS			
		40				-0.90	-0.00109	PASS			
		50				-2.73	-0.0033	PASS			
		MCH				VN	-30	-1.90	-0.00227	PASS	
							-20	-2.92	-0.00349	PASS	
							-10	-1.20	-0.00143	PASS	
			0	-2.09	-0.0025		PASS				
			10	-2.15	-0.00257		PASS				
20	-0.67		-0.0008	PASS							
30	-2.92	-0.00349	PASS								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-1.92	-0.0023	PASS
					50	-1.79	-0.00214	PASS
			HCH	VN	-30	-0.62	-0.00073	PASS
					-20	-0.70	-0.00083	PASS
					-10	-0.87	-0.00103	PASS
					0	-0.69	-0.00082	PASS
					10	-1.02	-0.0012	PASS
					20	-0.69	-0.00082	PASS
					30	-1.29	-0.00152	PASS
					40	-0.63	-0.00074	PASS
					50	0.07	0.00008	PASS
					LCH	VN	-30	-1.80
		-20	-2.82	-0.0034			PASS	
		-10	-2.30	-0.00277			PASS	
		0	-0.94	-0.00113			PASS	
		10	-1.33	-0.0016			PASS	
		20	-3.08	-0.00372			PASS	
		30	-2.82	-0.0034			PASS	
		40	-3.18	-0.00384			PASS	
		MCH	VN	-30	-2.92	-0.00349	PASS	
				-20	-1.42	-0.0017	PASS	
				-10	-2.22	-0.00265	PASS	
				0	-1.43	-0.00171	PASS	
				10	-2.69	-0.00322	PASS	
				20	-2.50	-0.00299	PASS	
				30	-1.40	-0.00167	PASS	
				40	-0.64	-0.00077	PASS	
		HCH	VN	-30	-0.46	-0.00055	PASS	
				-20	-2.29	-0.00271	PASS	
				-10	-1.03	-0.00122	PASS	
				0	-0.43	-0.00051	PASS	
				10	-2.16	-0.00256	PASS	
20	-1.86			-0.0022	PASS			
30	-0.93			-0.0011	PASS			
40	-0.41			-0.00049	PASS			
10					50	-1.26	-0.00149	PASS
					LTE/TM2	1.4	LCH	VN



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-0.67	-0.00081	PASS	
					-10	-0.99	-0.0012	PASS	
					0	-1.76	-0.00213	PASS	
					10	-3.20	-0.00388	PASS	
					20	-1.62	-0.00196	PASS	
					30	-1.49	-0.00181	PASS	
					40	-0.66	-0.0008	PASS	
					50	-0.50	-0.00061	PASS	
			MCH	VN	-30	0.39	0.00047	PASS	
					-20	-1.56	-0.00186	PASS	
					-10	-2.90	-0.00347	PASS	
					0	-1.43	-0.00171	PASS	
					10	-1.90	-0.00227	PASS	
					20	-0.90	-0.00108	PASS	
					30	-1.90	-0.00227	PASS	
					40	-0.27	-0.00032	PASS	
			HCH	VN	-30	0.47	0.00055	PASS	
					-20	1.20	0.00141	PASS	
					-10	-0.93	-0.0011	PASS	
					0	0.53	0.00062	PASS	
					10	-0.90	-0.00106	PASS	
					20	0.30	0.00035	PASS	
					30	2.07	0.00244	PASS	
					40	-0.84	-0.00099	PASS	
			3	LCH	VN	-30	-0.57	-0.00069	PASS
						-20	-0.94	-0.00114	PASS
						-10	0.13	0.00016	PASS
						0	-1.14	-0.00138	PASS
		10				-0.43	-0.00052	PASS	
		20				0.83	0.00101	PASS	
		30				-1.66	-0.00201	PASS	
		40				-2.19	-0.00265	PASS	
		50		-0.33	-0.0004	PASS			
		MCH		VN	-30	-2.12	-0.00253	PASS	
					-20	-1.16	-0.00139	PASS	
					-10	-2.68	-0.0032	PASS	
			0		-2.17	-0.00259	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	0.04	0.00005	PASS		
					20	-2.99	-0.00357	PASS		
					30	-0.77	-0.00092	PASS		
					40	-0.70	-0.00084	PASS		
					50	-2.50	-0.00299	PASS		
					HCH	VN	-30	-2.92	-0.00345	PASS
							-20	-1.63	-0.00192	PASS
							-10	-0.83	-0.00098	PASS
							0	-0.34	-0.0004	PASS
			10	-1.96			-0.00231	PASS		
			20	-0.53			-0.00063	PASS		
			30	-0.09			-0.00011	PASS		
			40	-1.06			-0.00125	PASS		
			50	-0.92			-0.00109	PASS		
			5	LCH	VN	-30	-1.10	-0.00133	PASS	
						-20	-1.76	-0.00213	PASS	
						-10	0.19	0.00023	PASS	
						0	-0.66	-0.0008	PASS	
		10				-1.44	-0.00174	PASS		
		20				-0.93	-0.00113	PASS		
		30				-1.14	-0.00138	PASS		
		40				-1.69	-0.00204	PASS		
		50				-1.66	-0.00201	PASS		
		MCH		VN	-30	-1.99	-0.00238	PASS		
					-20	-4.61	-0.00551	PASS		
					-10	-3.55	-0.00424	PASS		
					0	-1.95	-0.00233	PASS		
					10	-2.13	-0.00255	PASS		
					20	-2.30	-0.00275	PASS		
					30	-2.72	-0.00325	PASS		
					40	-2.13	-0.00255	PASS		
					50	-2.05	-0.00245	PASS		
		HCH	VN	-30	-0.20	-0.00024	PASS			
				-20	-1.23	-0.00145	PASS			
				-10	-1.63	-0.00193	PASS			
				0	-1.09	-0.00129	PASS			
10	-1.65			-0.00195	PASS					
20	0.16			0.00019	PASS					
30	-0.90			-0.00106	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.82	-0.00097	PASS
					50	-0.36	-0.00043	PASS
		10	LCH	VN	-30	-1.67	-0.00201	PASS
					-20	-1.33	-0.0016	PASS
					-10	-2.35	-0.00283	PASS
					0	-1.79	-0.00216	PASS
					10	-1.85	-0.00223	PASS
					20	-2.66	-0.00321	PASS
					30	-3.02	-0.00364	PASS
					40	-2.95	-0.00356	PASS
					50	-2.69	-0.00324	PASS
					MCH	VN	-30	-2.07
			-20	-1.95			-0.00233	PASS
			-10	-1.67			-0.002	PASS
			0	-2.45			-0.00293	PASS
			10	-1.66			-0.00198	PASS
			20	-2.15			-0.00257	PASS
			30	-2.23			-0.00267	PASS
			40	-1.63			-0.00195	PASS
			HCH	VN	-30	-2.62	-0.0031	PASS
		-20			-3.09	-0.00366	PASS	
		-10			-2.23	-0.00264	PASS	
		0			-2.29	-0.00271	PASS	
		10			-2.20	-0.00261	PASS	
		20			-1.16	-0.00137	PASS	
		30			-1.92	-0.00227	PASS	
		40			-1.47	-0.00174	PASS	
		50	-1.95	-0.00231	PASS			
BAND17	LTE/TM1	5	LCH	VN	-30	-1.27	-0.0018	PASS
					-20	-1.62	-0.00229	PASS
					-10	-3.38	-0.00478	PASS
					0	-2.50	-0.00354	PASS
					10	-1.27	-0.0018	PASS
					20	-3.72	-0.00527	PASS
					30	-2.25	-0.00318	PASS
					40	-2.19	-0.0031	PASS
			50	-3.18	-0.0045	PASS		
			MCH	VN	-30	-0.83	-0.00117	PASS





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	10	-3.12	-0.00439	PASS
					20	-0.69	-0.00097	PASS
					30	-1.43	-0.00201	PASS
					40	-0.59	-0.00083	PASS
					50	-2.86	-0.00402	PASS
			MCH	VN	-30	-5.26	-0.00745	PASS
					-20	-4.33	-0.00613	PASS
					-10	-2.59	-0.00367	PASS
					0	-4.06	-0.00575	PASS
					10	-3.05	-0.00432	PASS
					20	-3.55	-0.00502	PASS
					30	-3.02	-0.00427	PASS
					40	-2.73	-0.00386	PASS
			HCH	VN	50	-3.55	-0.00502	PASS
					-30	-1.40	-0.00197	PASS
	-20	-0.99			-0.00139	PASS		
	-10	-0.60			-0.00085	PASS		
	0	-1.39			-0.00196	PASS		
	10	-1.10			-0.00155	PASS		
	20	-1.03			-0.00145	PASS		
	10	LCH	VN	30	-2.43	-0.00342	PASS	
				40	-2.09	-0.00294	PASS	
				50	-1.19	-0.00168	PASS	
				-30	-1.86	-0.00261	PASS	
				-20	-2.62	-0.00367	PASS	
				-10	-1.72	-0.00241	PASS	
				0	-3.08	-0.00432	PASS	
				10	-3.08	-0.00432	PASS	
				20	-2.62	-0.00367	PASS	
	30	-2.43	-0.00341	PASS				
40	-1.80	-0.00252	PASS					
50	-1.52	-0.00213	PASS					
-30	-1.56	-0.0022	PASS					
-20	-2.17	-0.00306	PASS					
-10	-2.40	-0.00339	PASS					
0	-3.05	-0.0043	PASS					
10	-1.50	-0.00212	PASS					
20	-2.22	-0.00313	PASS					
30	-2.82	-0.00398	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-1.67	-0.00236	PASS
					50	-1.44	-0.00203	PASS
			MCH	VN	-30	1.57	0.00221	PASS
					-20	2.96	0.00417	PASS
					-10	-0.16	-0.00023	PASS
					0	1.34	0.00189	PASS
					10	-0.27	-0.00038	PASS
					20	-0.40	-0.00056	PASS
					30	-0.63	-0.00089	PASS
					40	-0.70	-0.00099	PASS
					50	0.47	0.00066	PASS
					HCH	VN	-30	-1.30
			-20	-0.54			-0.00076	PASS
			-10	-1.17			-0.00165	PASS
			0	-1.19			-0.00167	PASS
			10	-1.54			-0.00217	PASS
			20	-1.72			-0.00242	PASS
			30	-1.82			-0.00256	PASS
			40	-0.89			-0.00125	PASS
			50	-1.29	-0.00181	PASS		

END