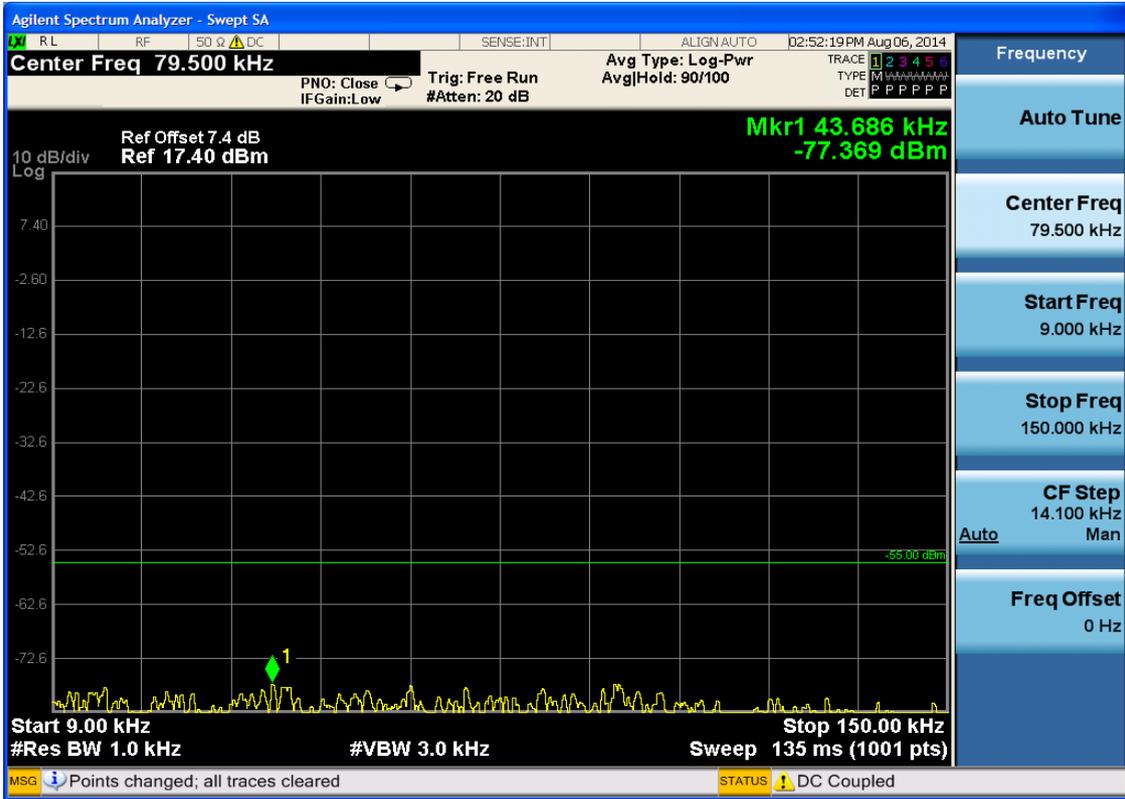
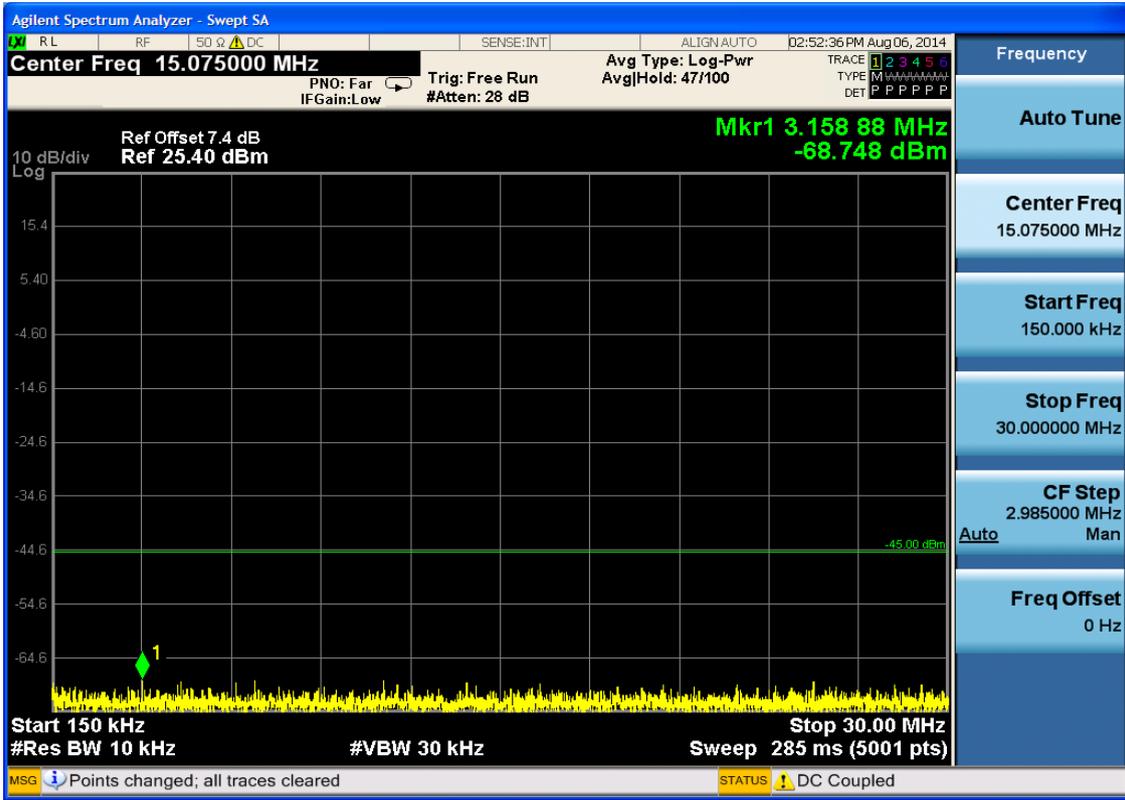


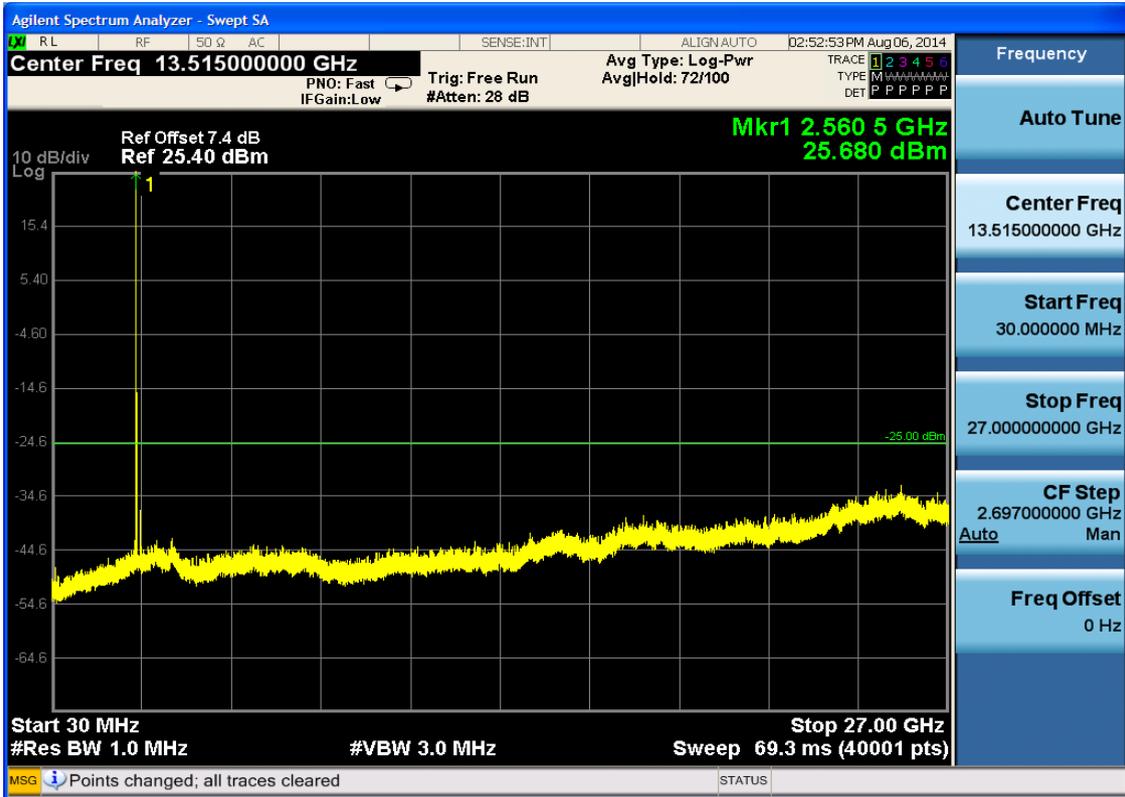


6.3.3.2.2.3 Test Channel = HCH

6.3.3.2.2.3.1 Test RB = RB1#0





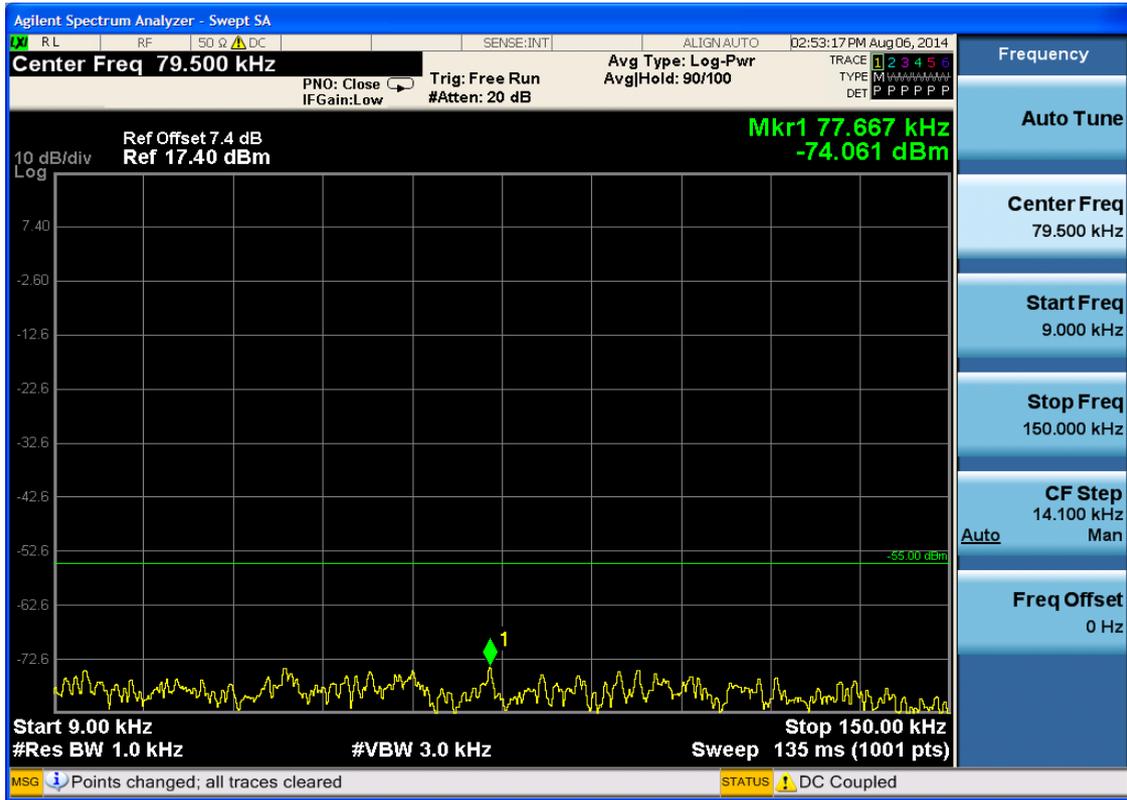


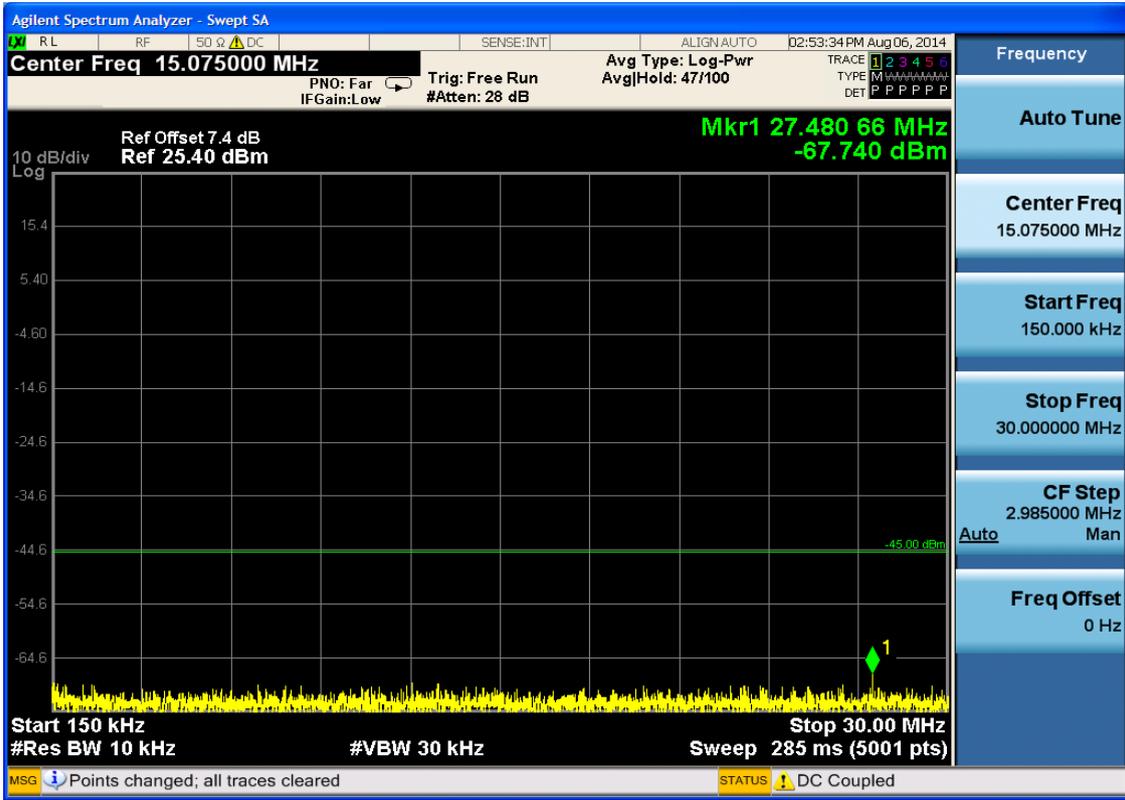


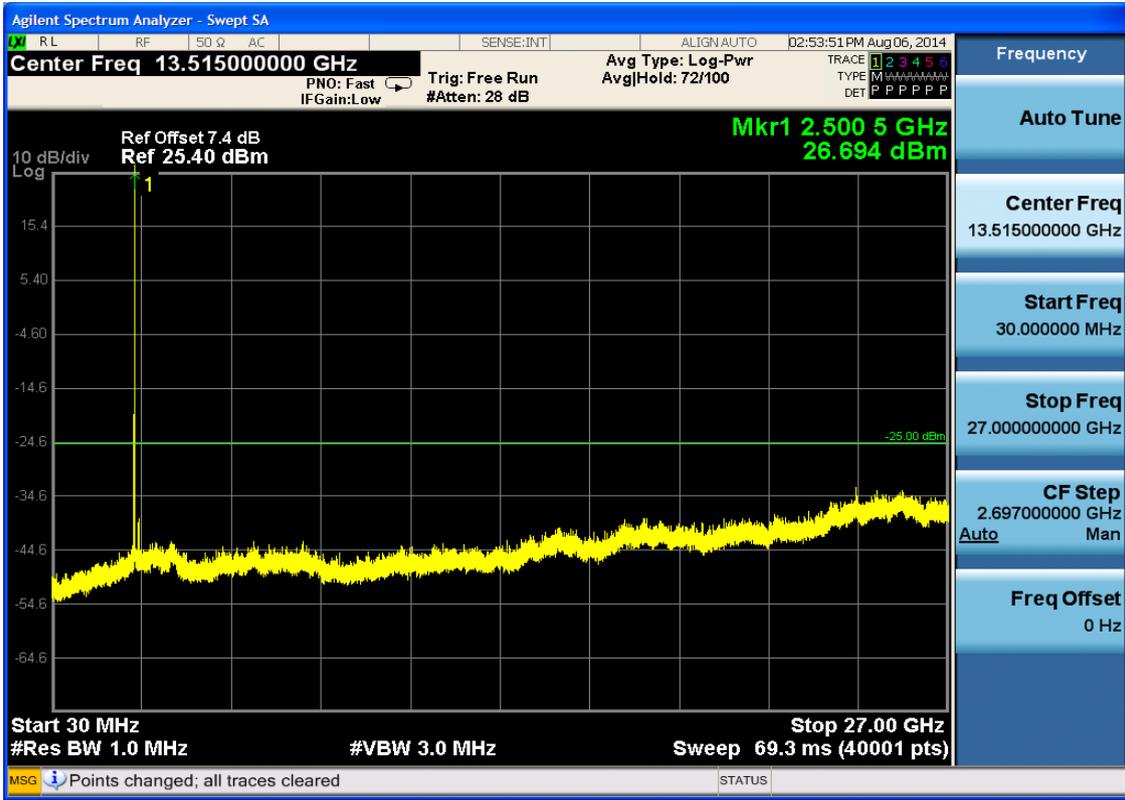
6.3.3.2.3 Test Bandwidth = 15

6.3.3.2.3.1 Test Channel = LCH

6.3.3.2.3.1.1 Test RB = RB1#0



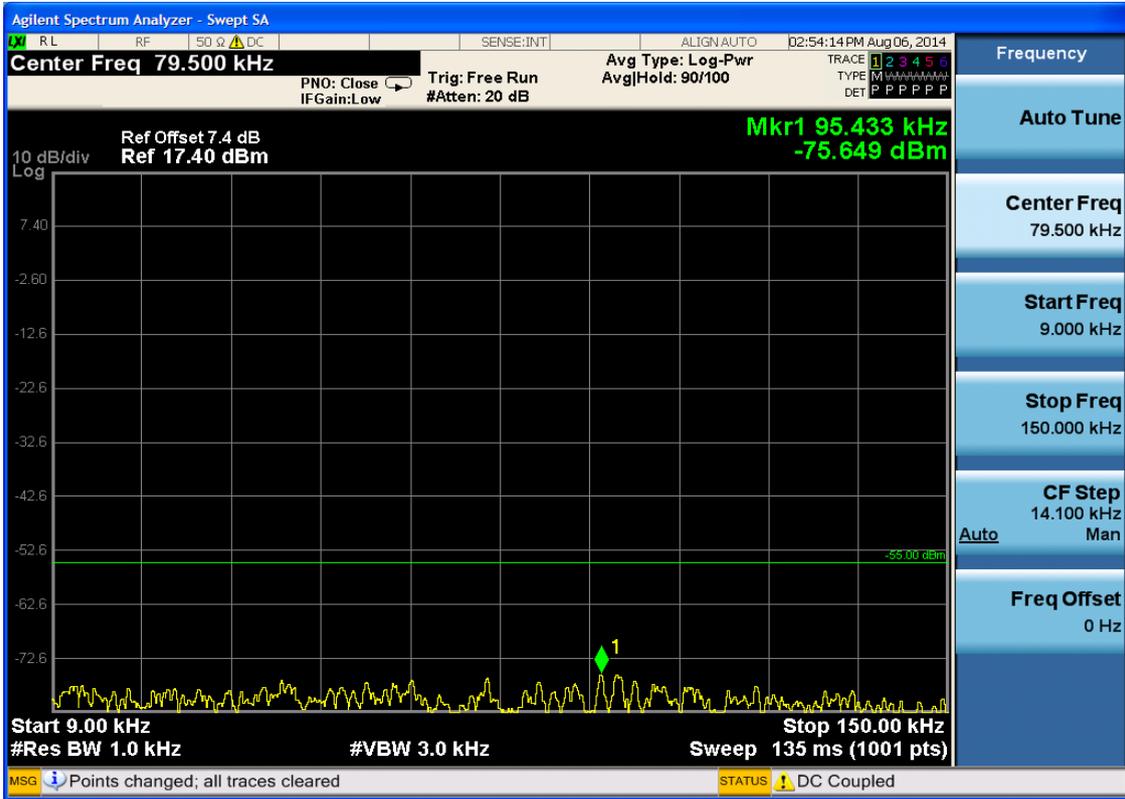


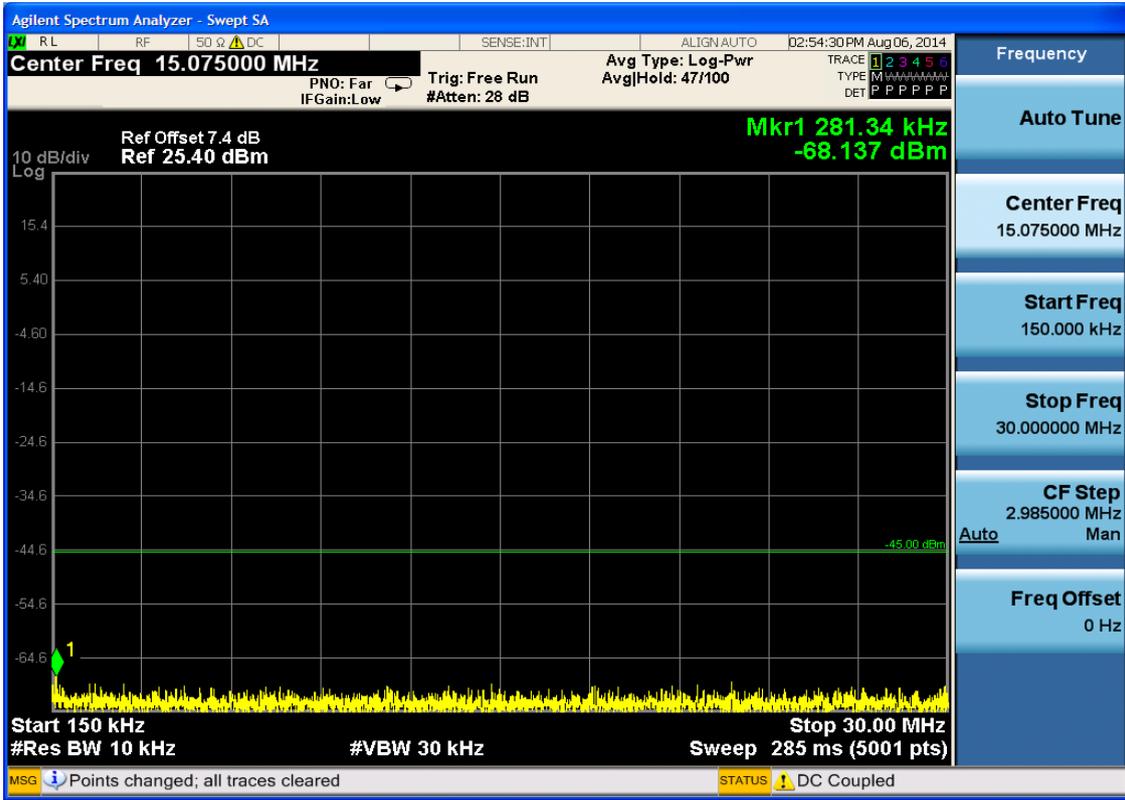


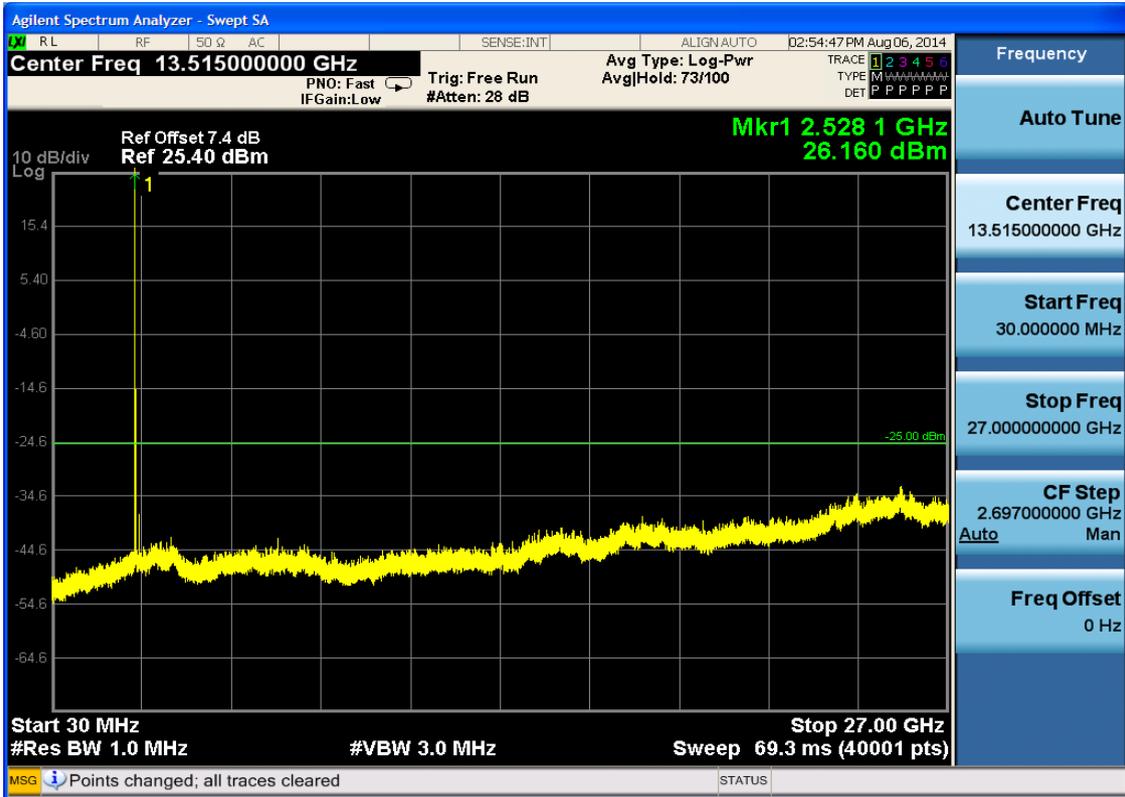


6.3.3.2.3.2 Test Channel = MCH

6.3.3.2.3.2.1 Test RB = RB1#0

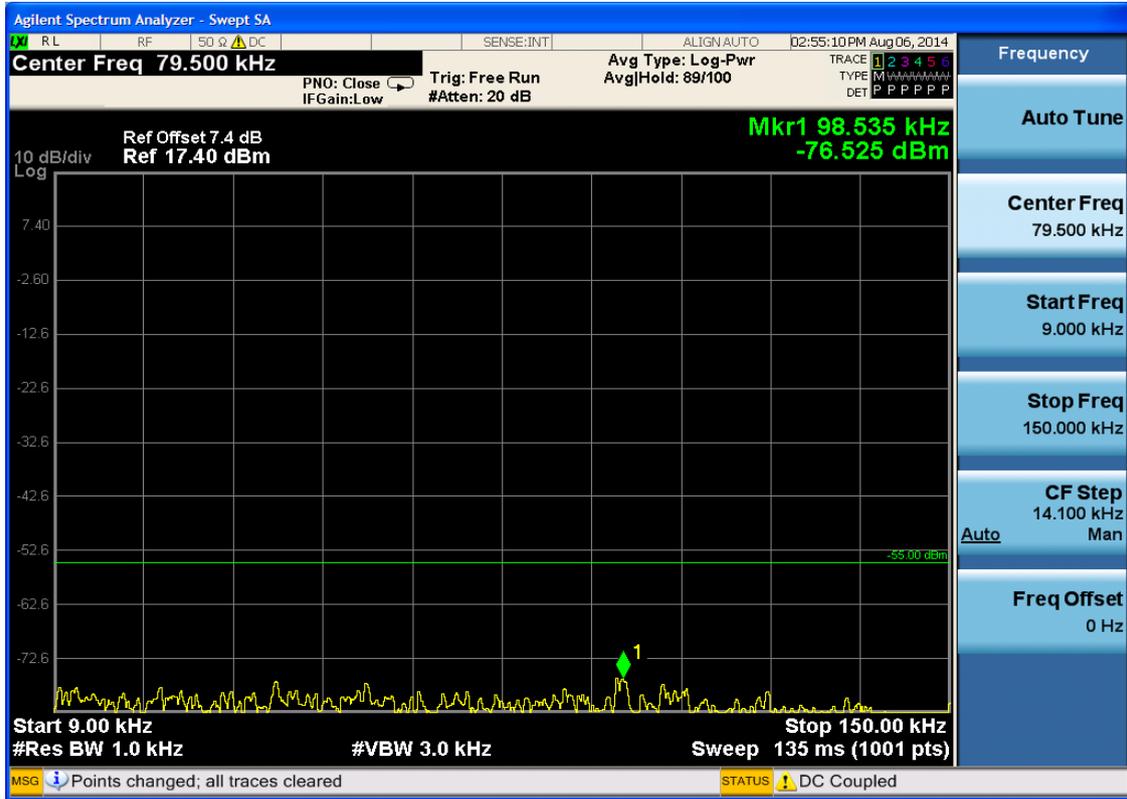




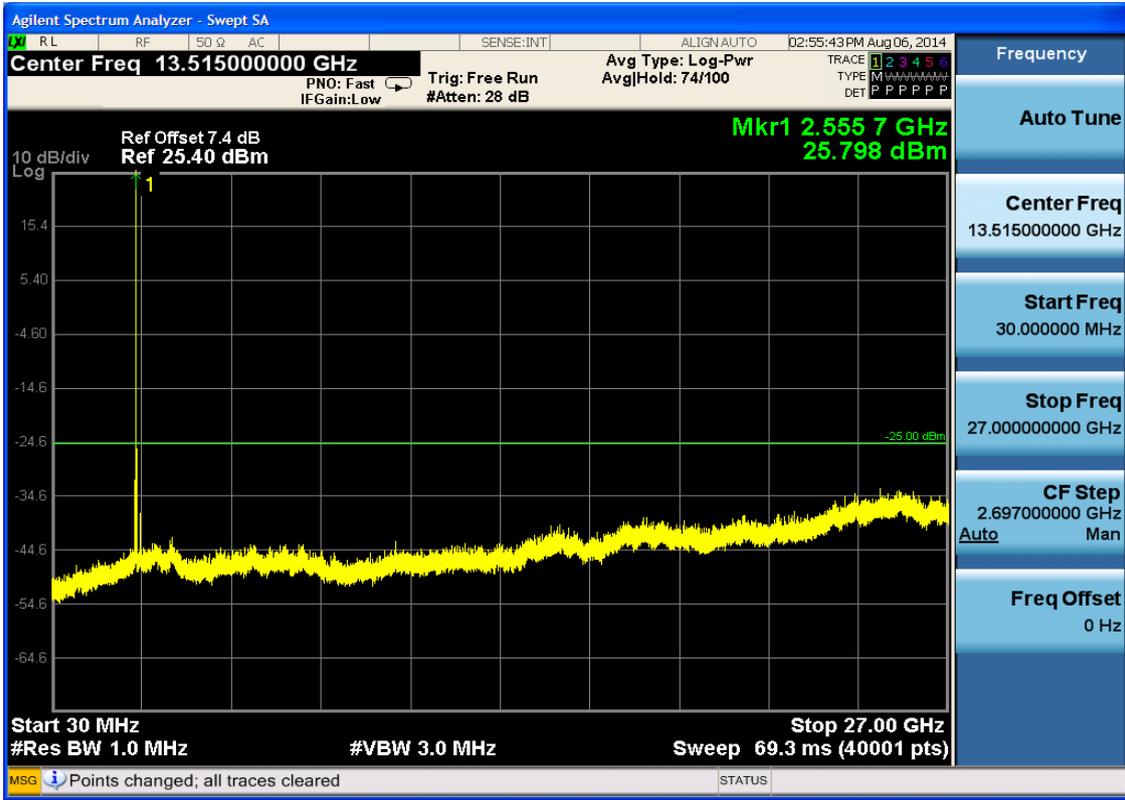


6.3.3.2.3.3 Test Channel = HCH

6.3.3.2.3.3.1 Test RB = RB1#0





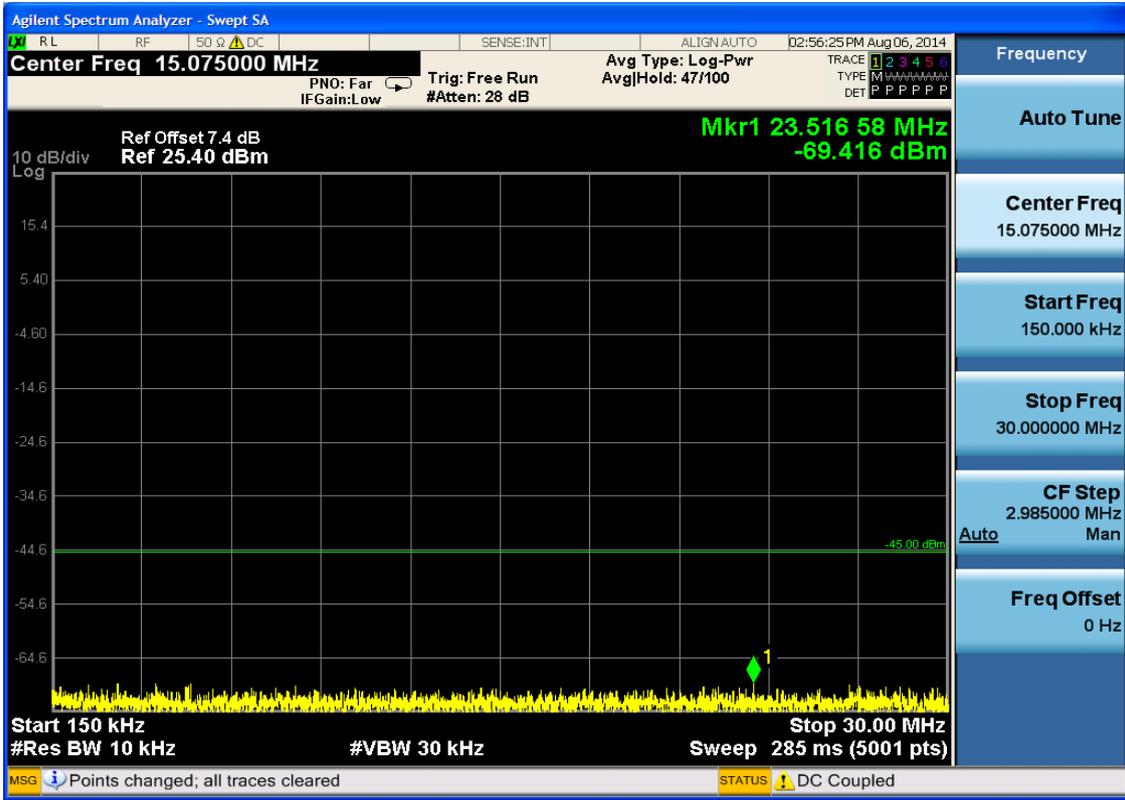


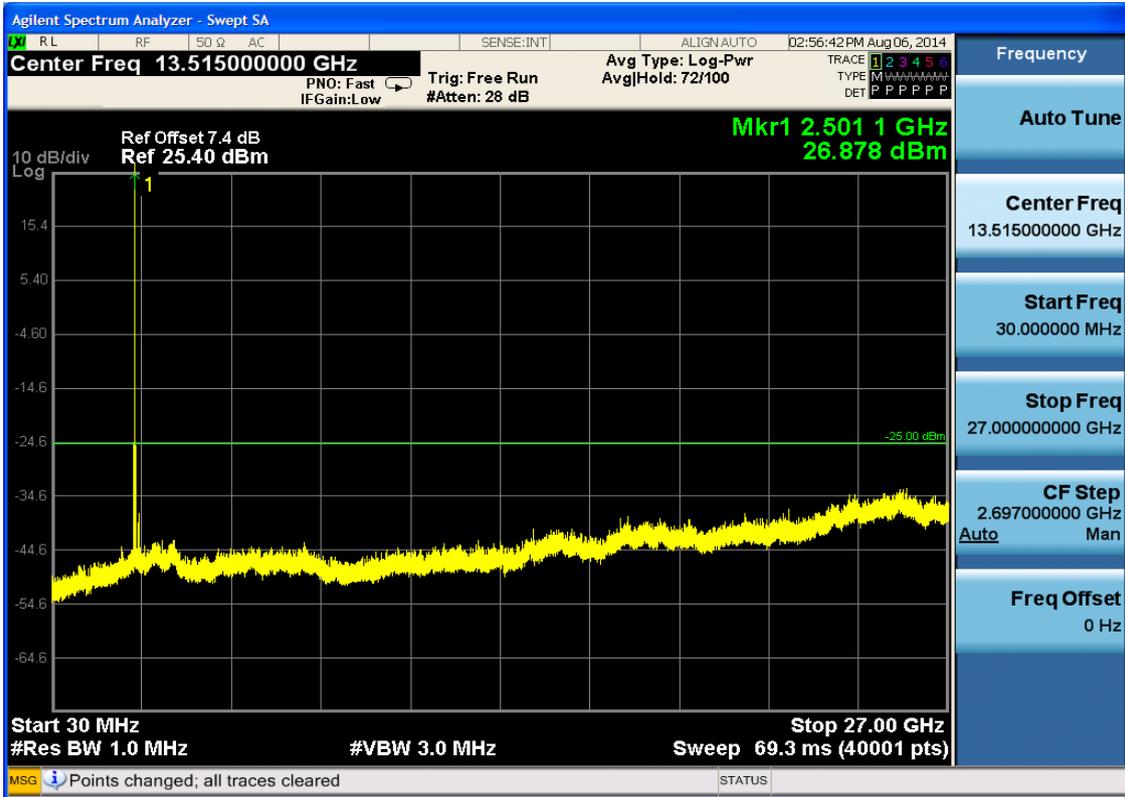
6.3.3.2.4 Test Bandwidth = 20

6.3.3.2.4.1 Test Channel = LCH

6.3.3.2.4.1.1 Test RB = RB1#0



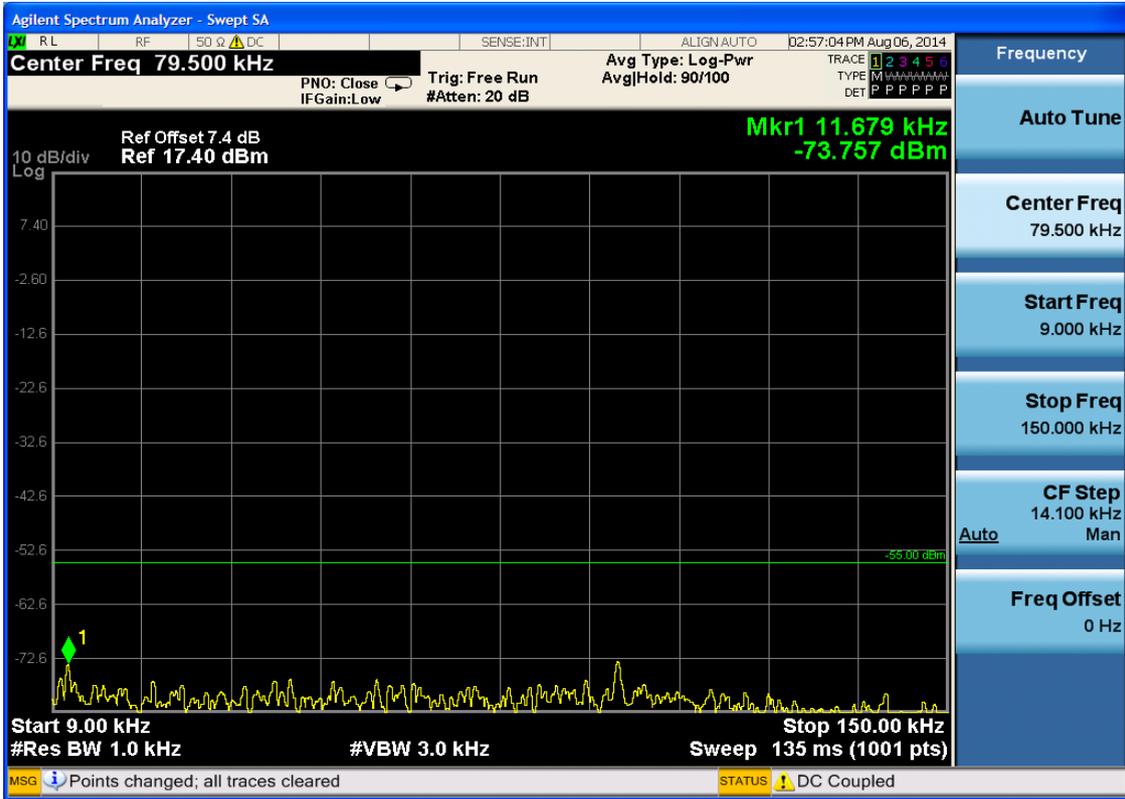


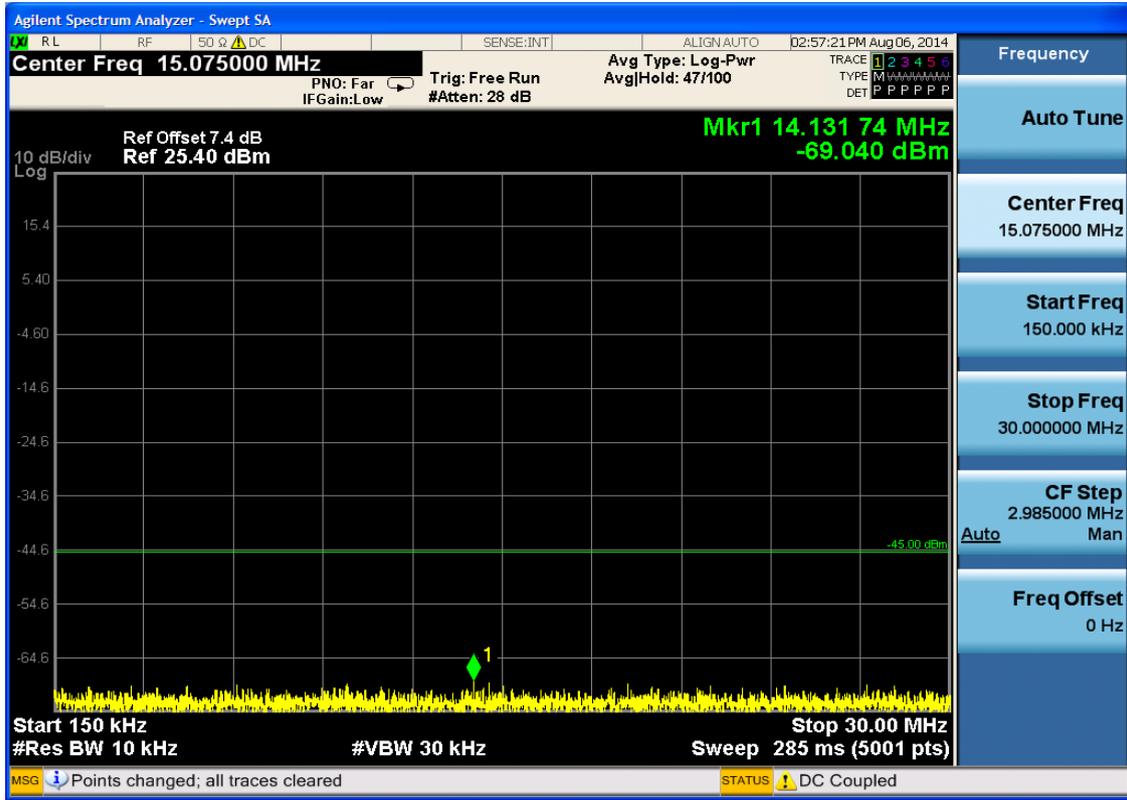


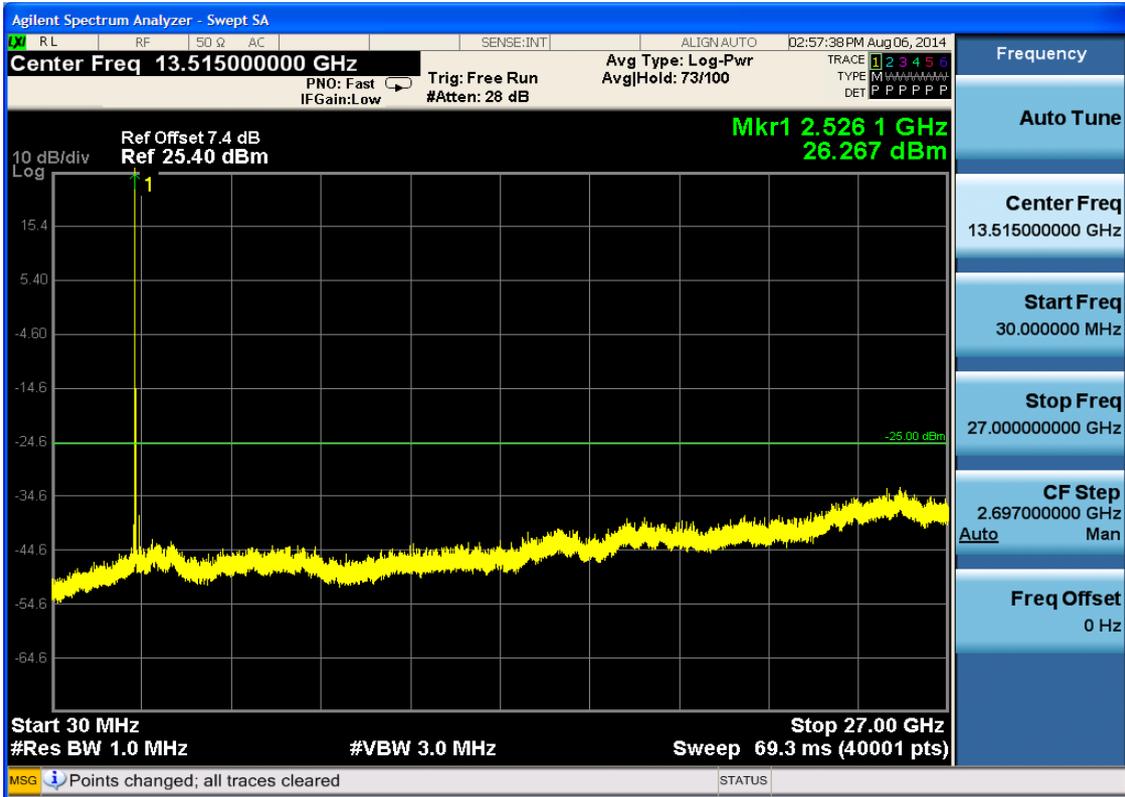


6.3.3.2.4.2 Test Channel = MCH

6.3.3.2.4.2.1 Test RB = RB1#0

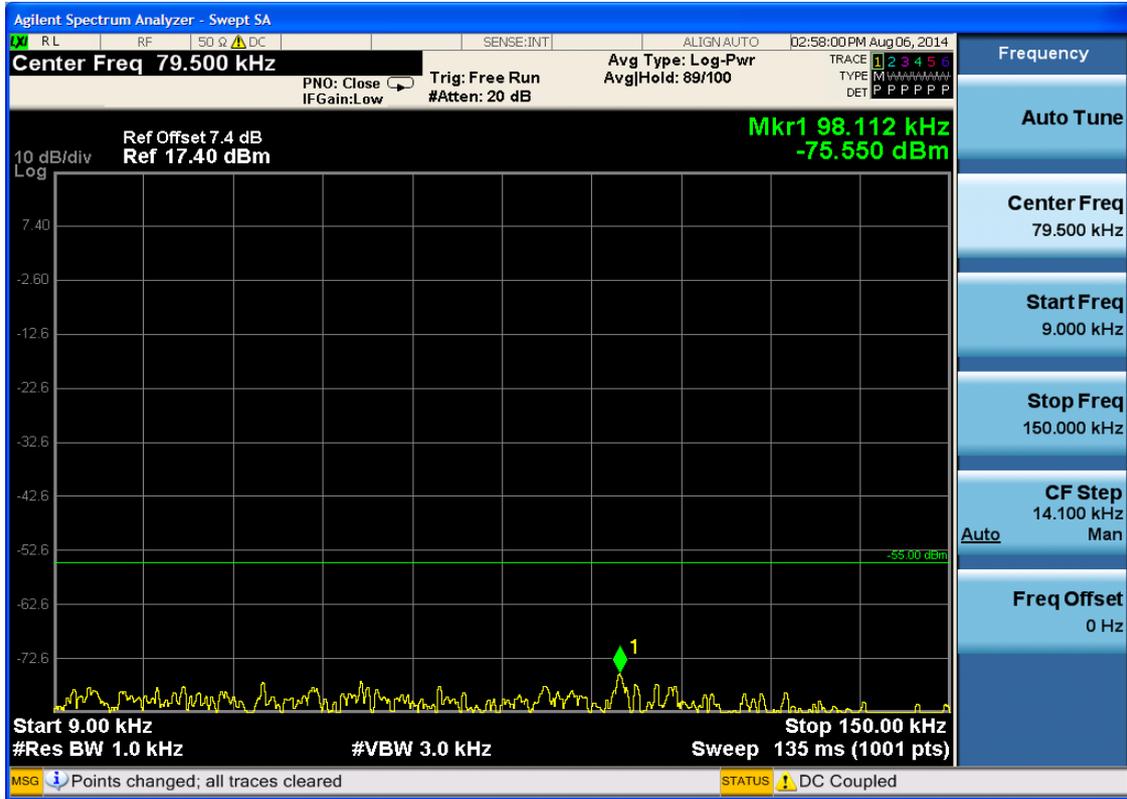




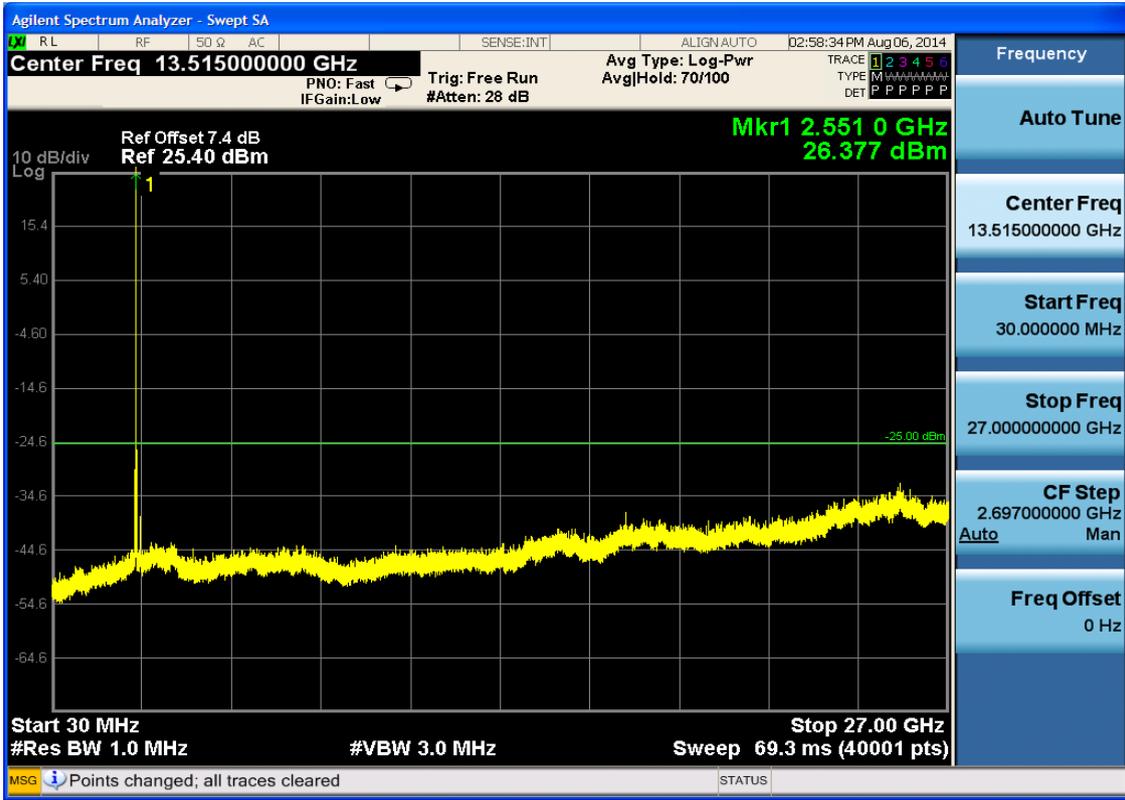


6.3.3.2.4.3 Test Channel = HCH

6.3.3.2.4.3.1 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

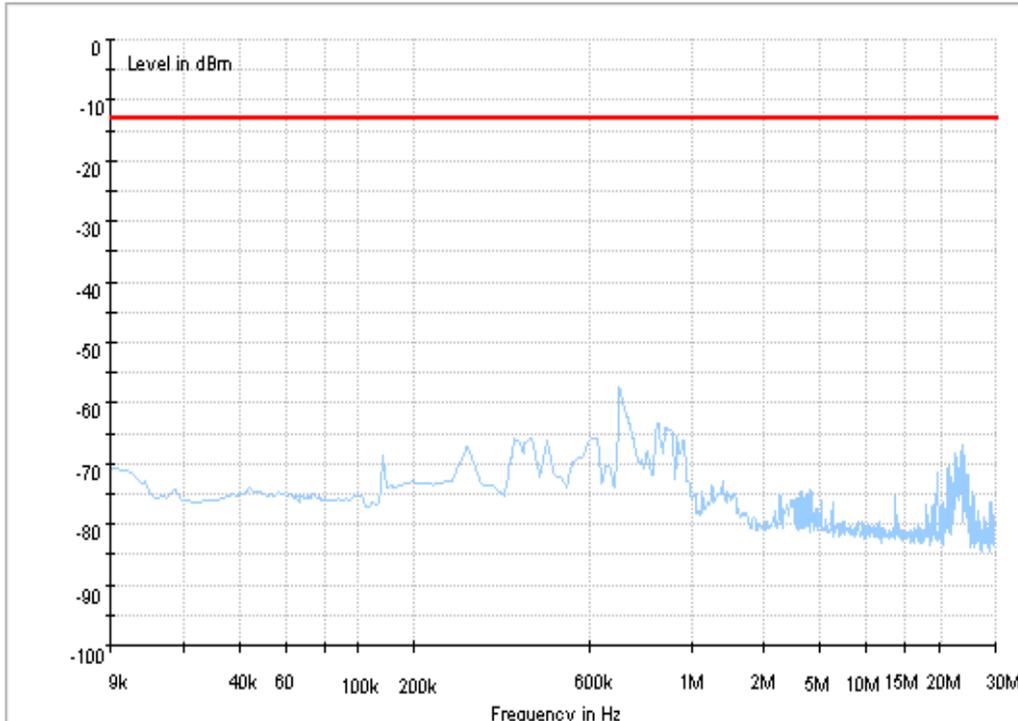
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

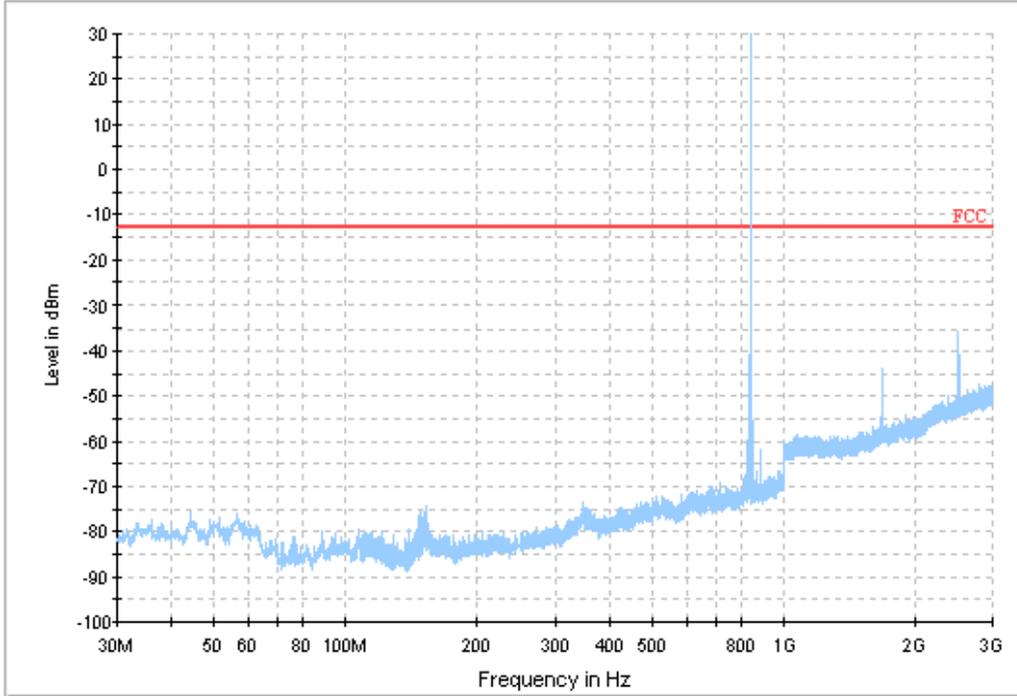
7.1 For GSM

7.1.1 Test Band = GSM850

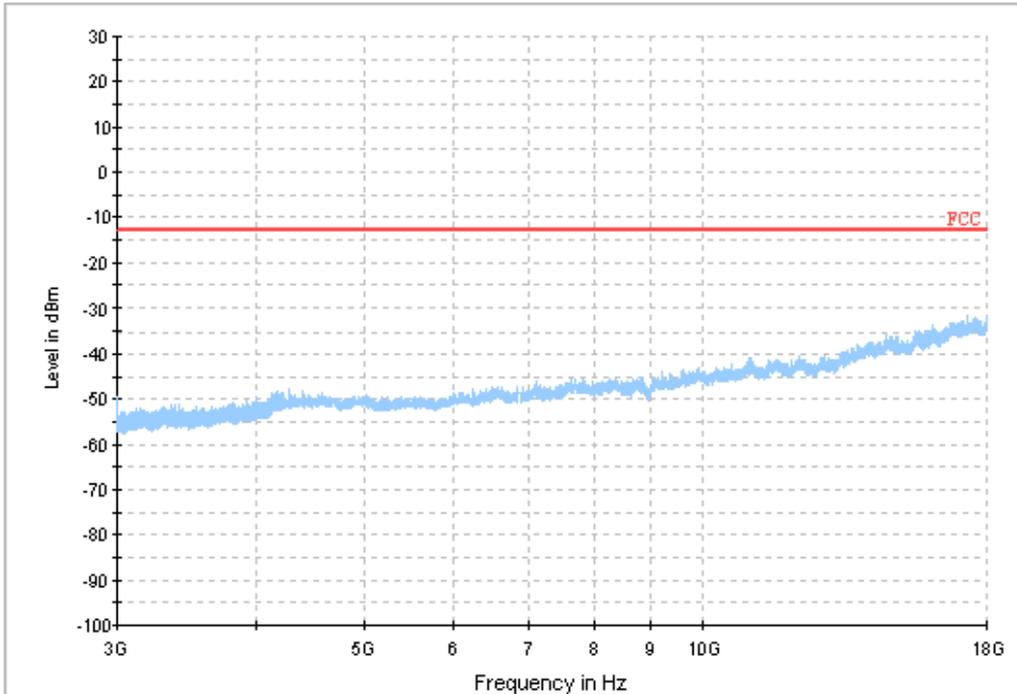
7.1.1.1 Test Mode = GSM/TM1



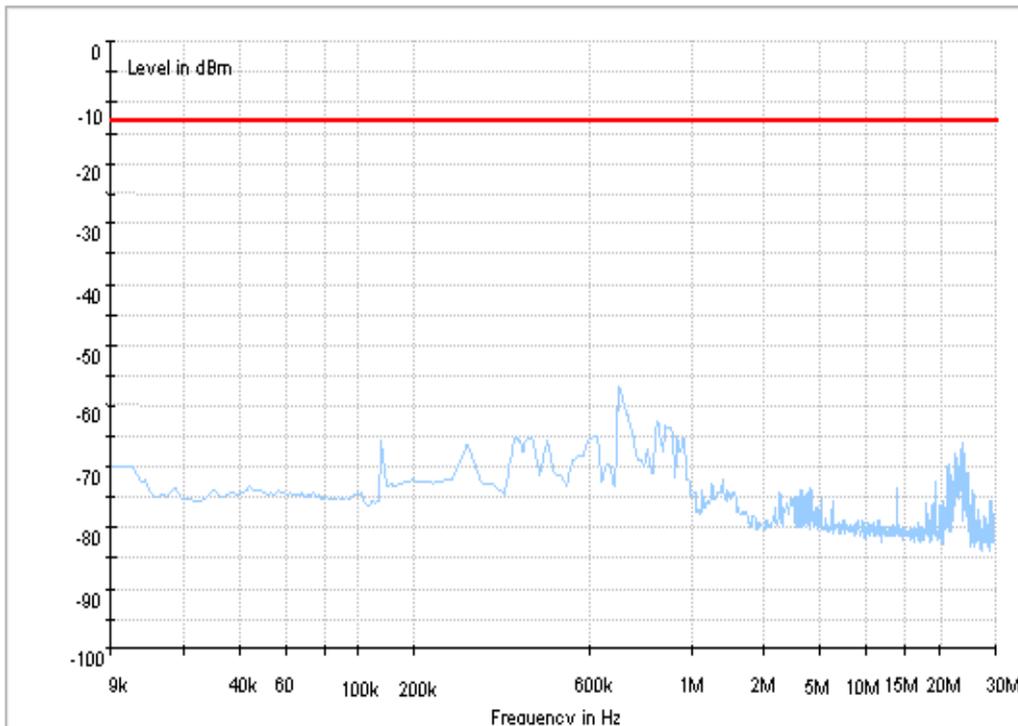
Copy of FCC PART22 GSM850_L



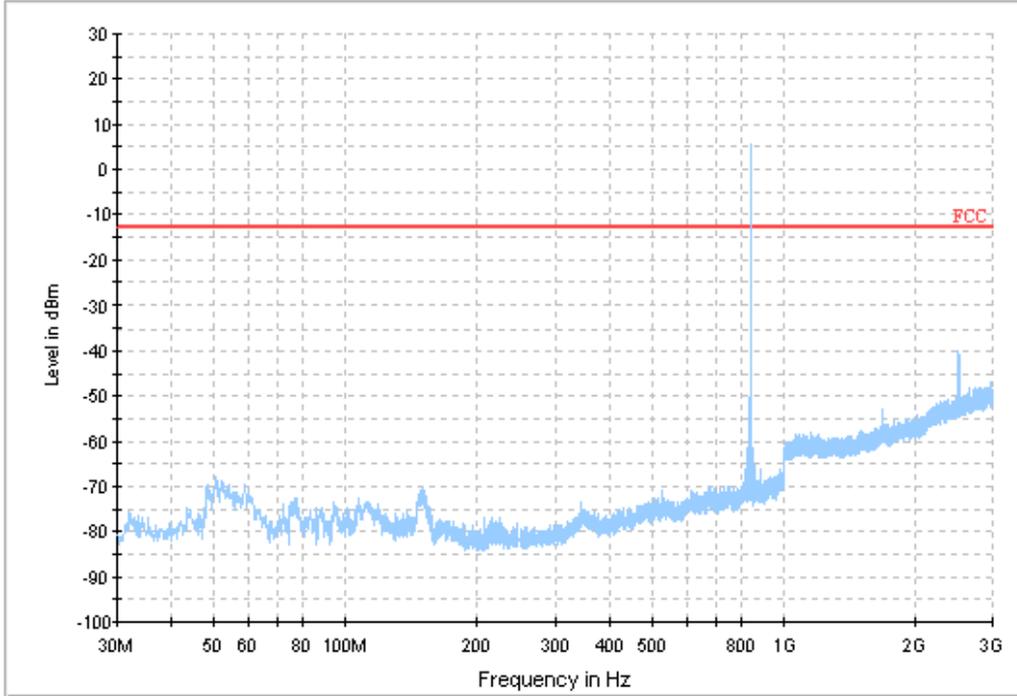
Copy of FCC PART22 GSM850_H



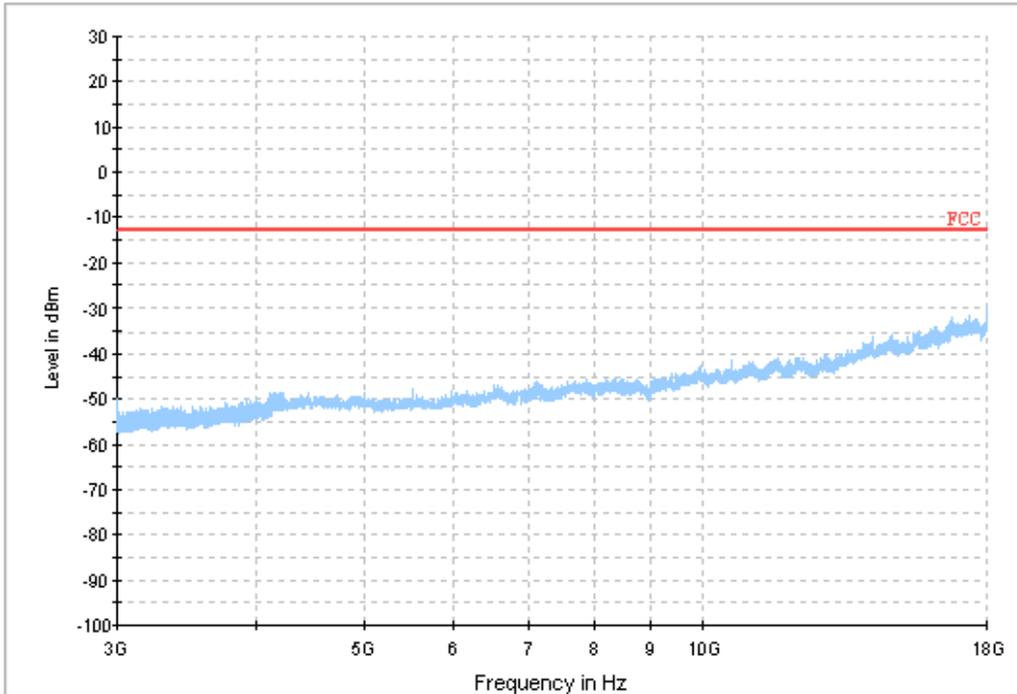
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

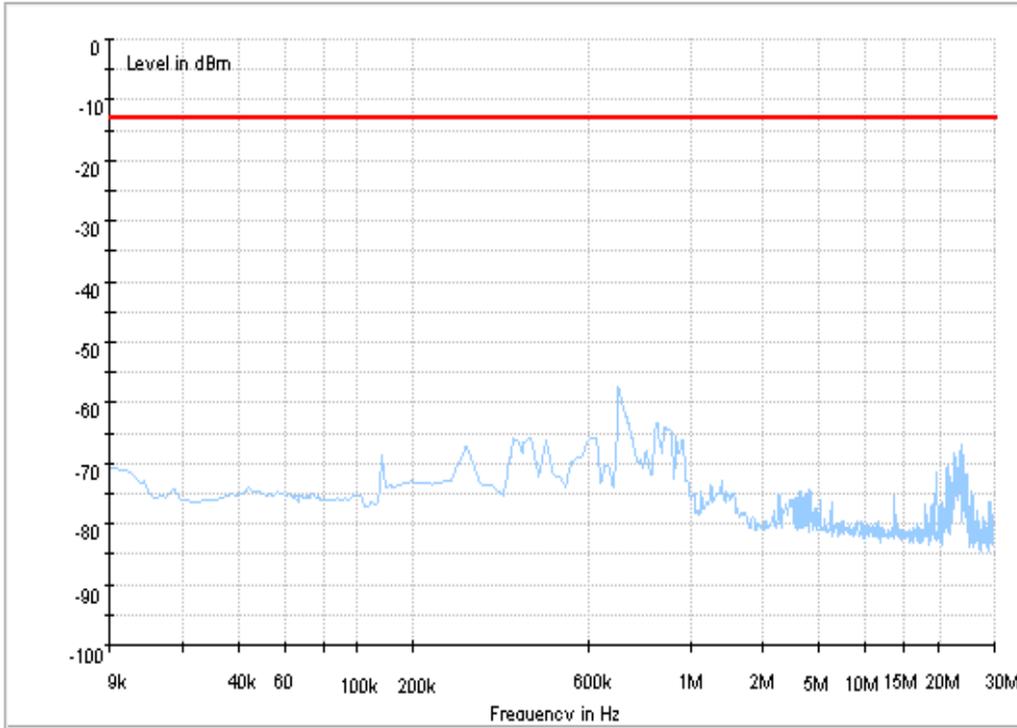


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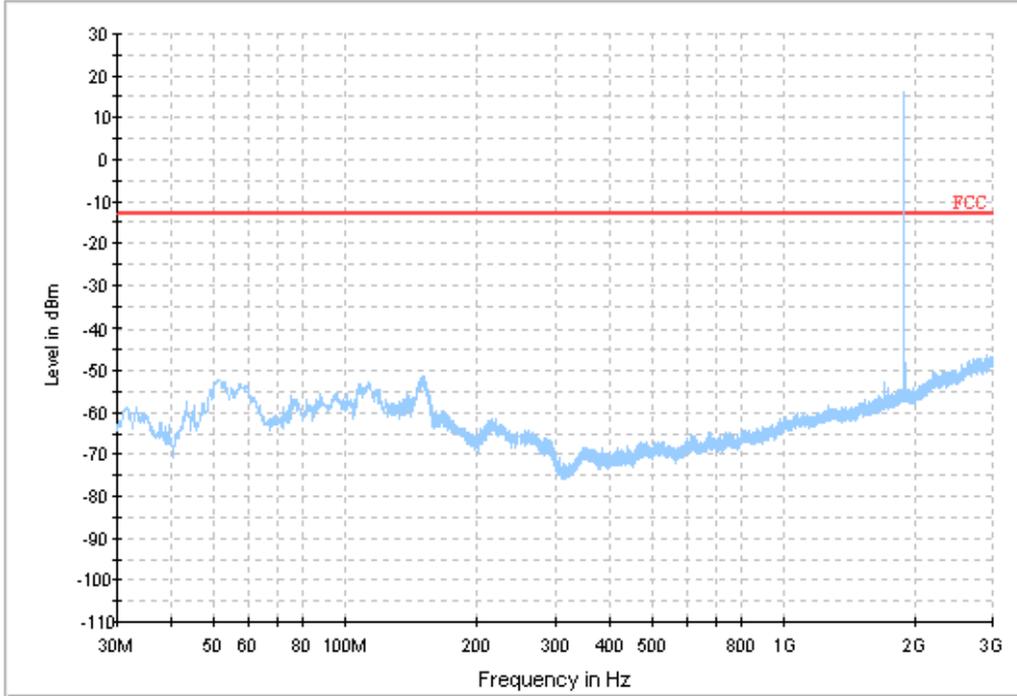


7.1.2 Test Band = GSM1900

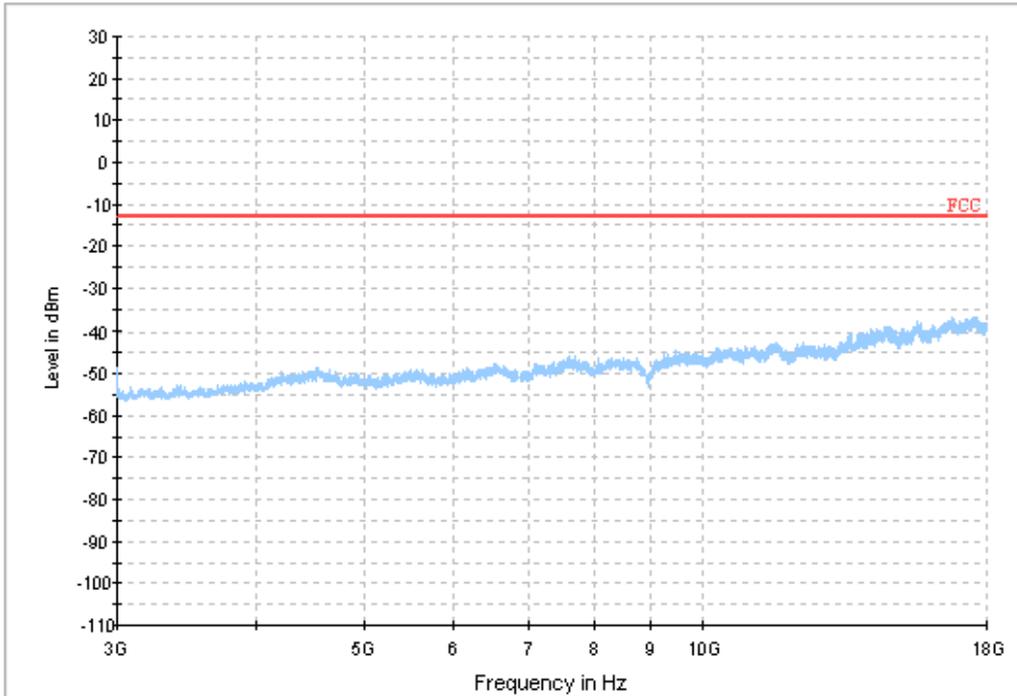
7.1.2.1 Test Mode = GSM/TM1

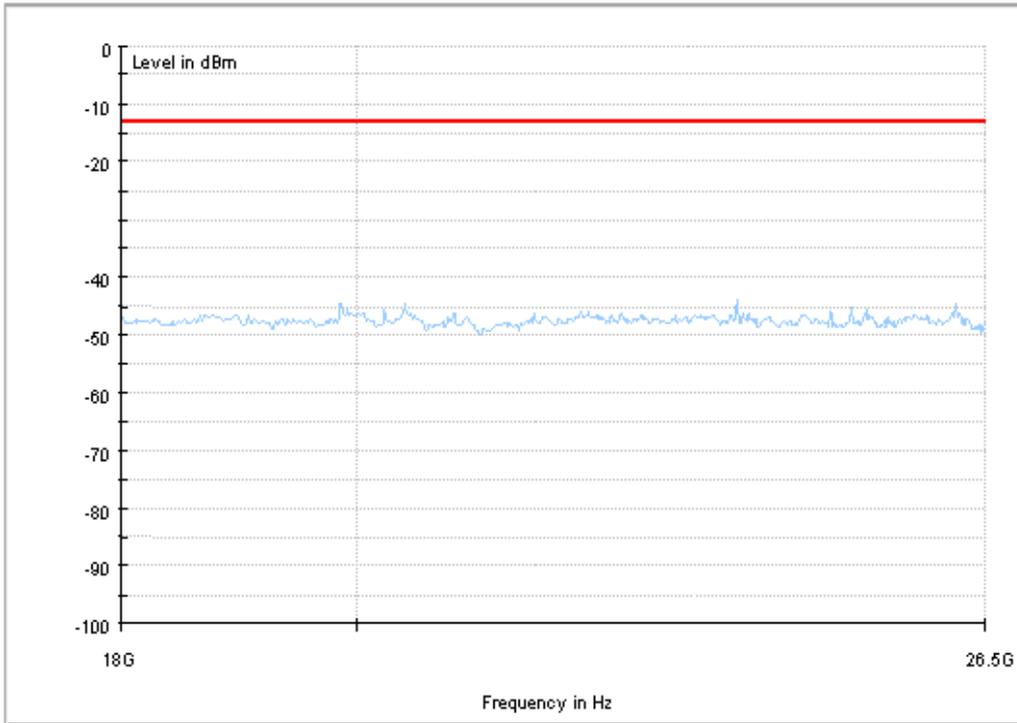


Copy of FCC PART24 GSM1900_L

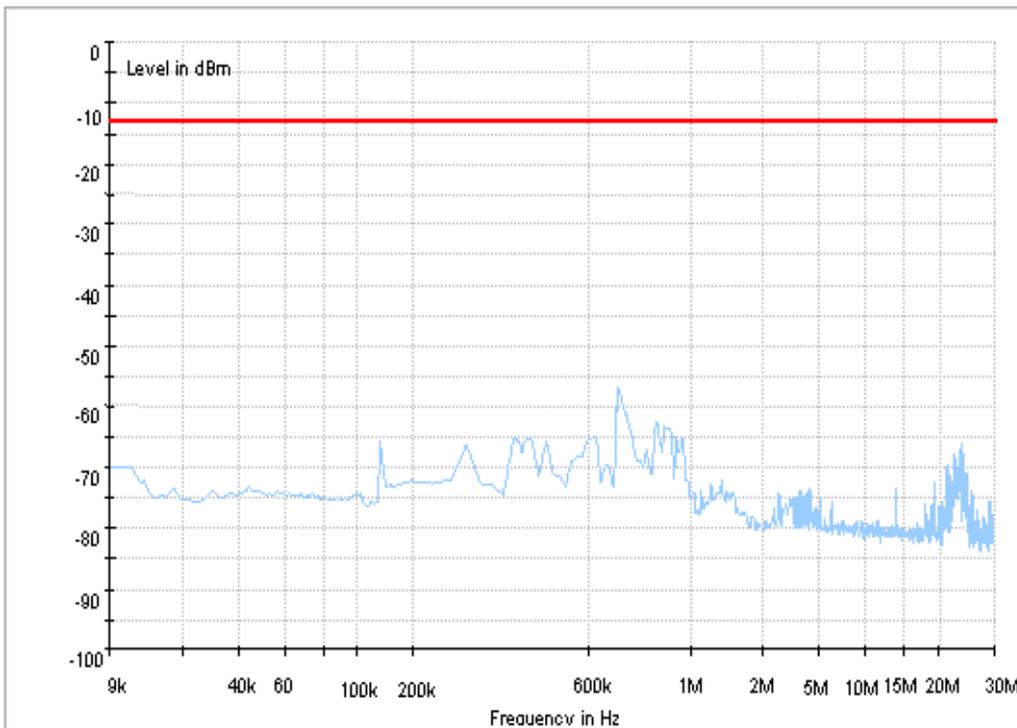


Copy of FCC PART24 GSM1900_H

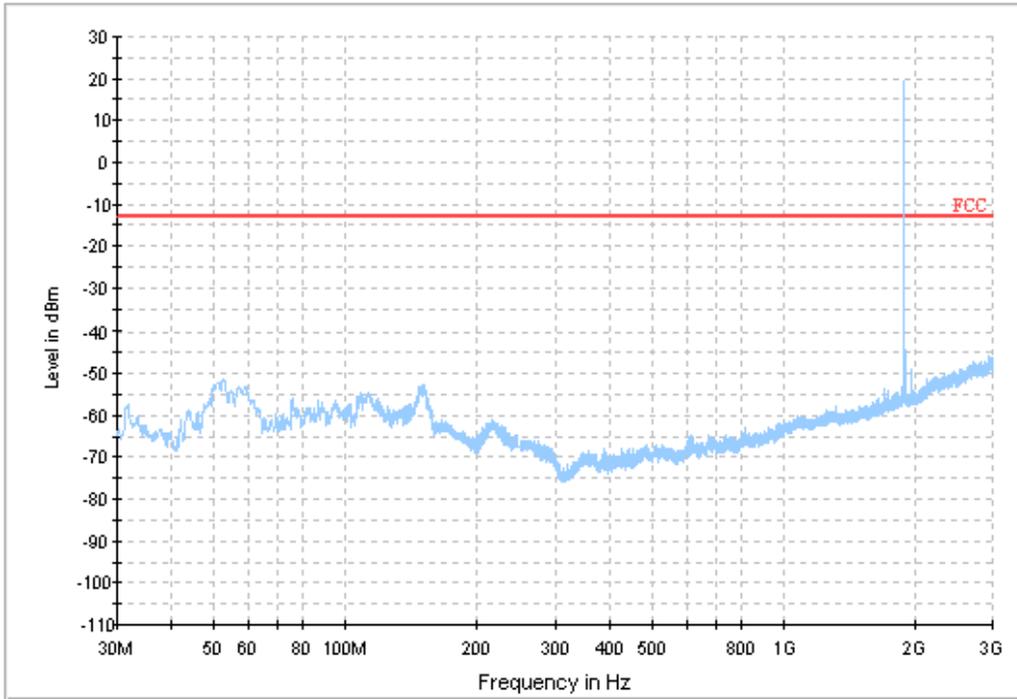




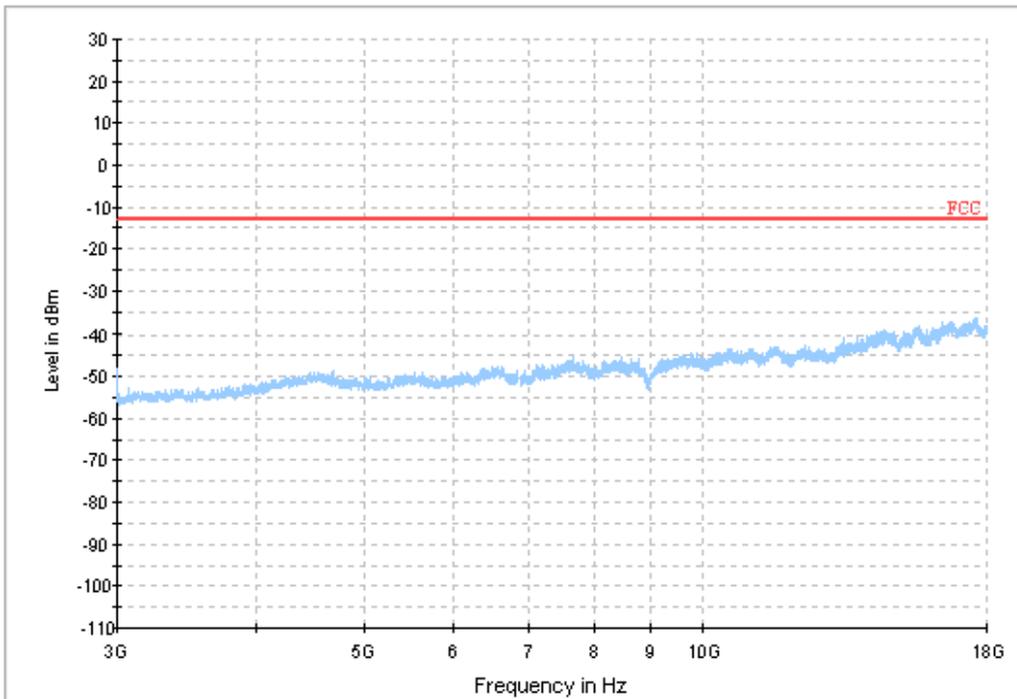
7.1.2.2 Test Mode = GSM/TM2

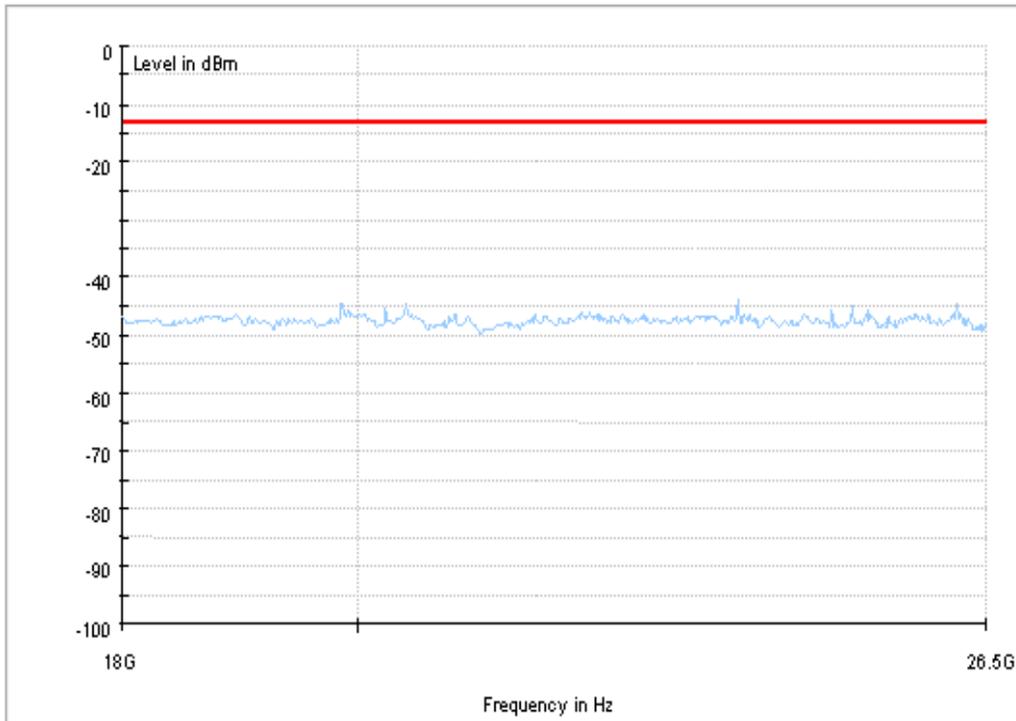


Copy of FCC PART24 GSM1900_L



Copy of FCC PART24 GSM1900_H

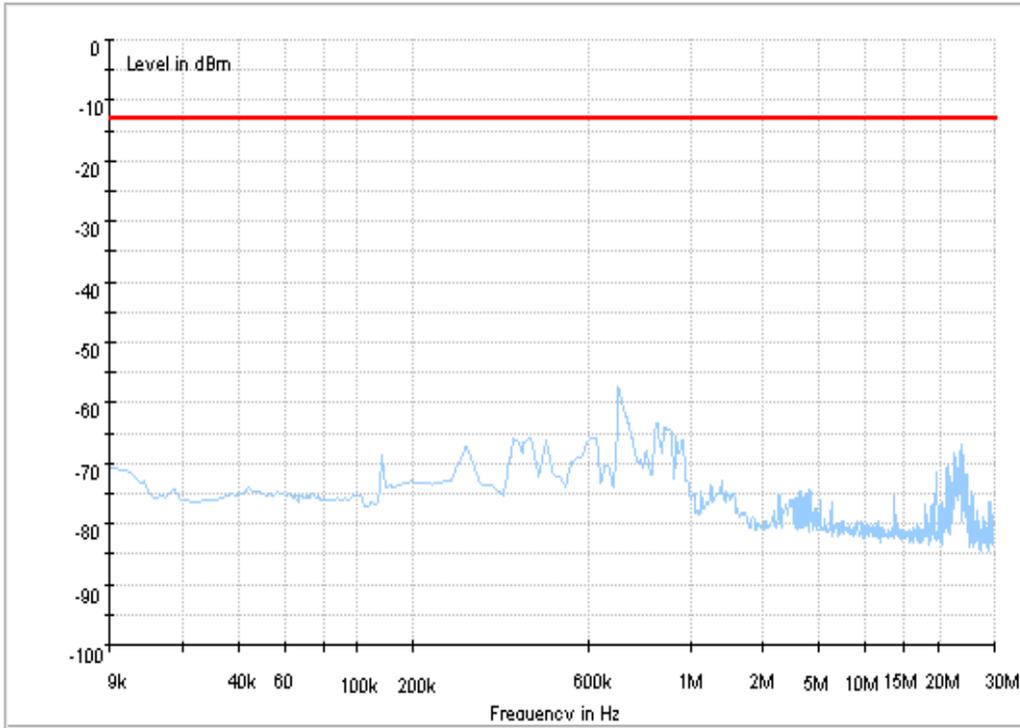




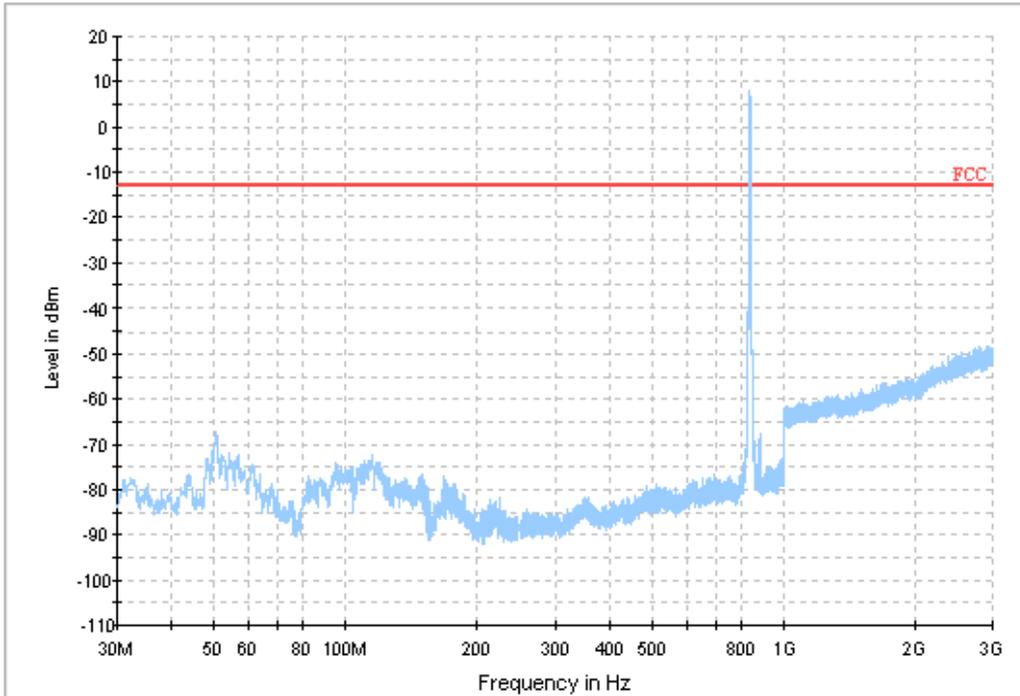
7.2 For UMTS

7.2.1 Test Band = WCDMA850

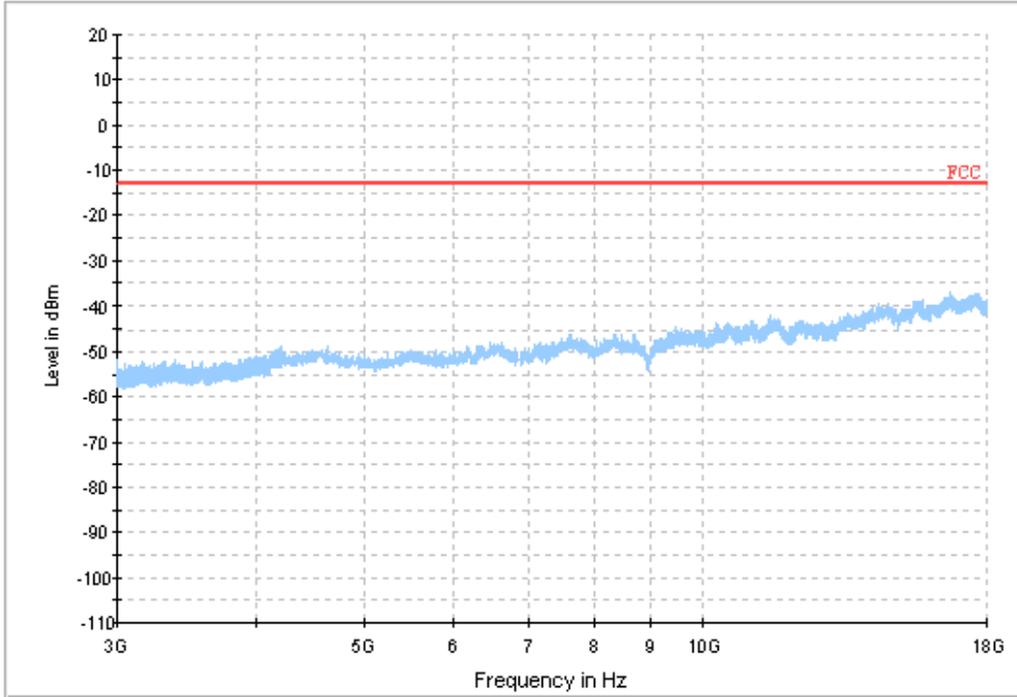
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

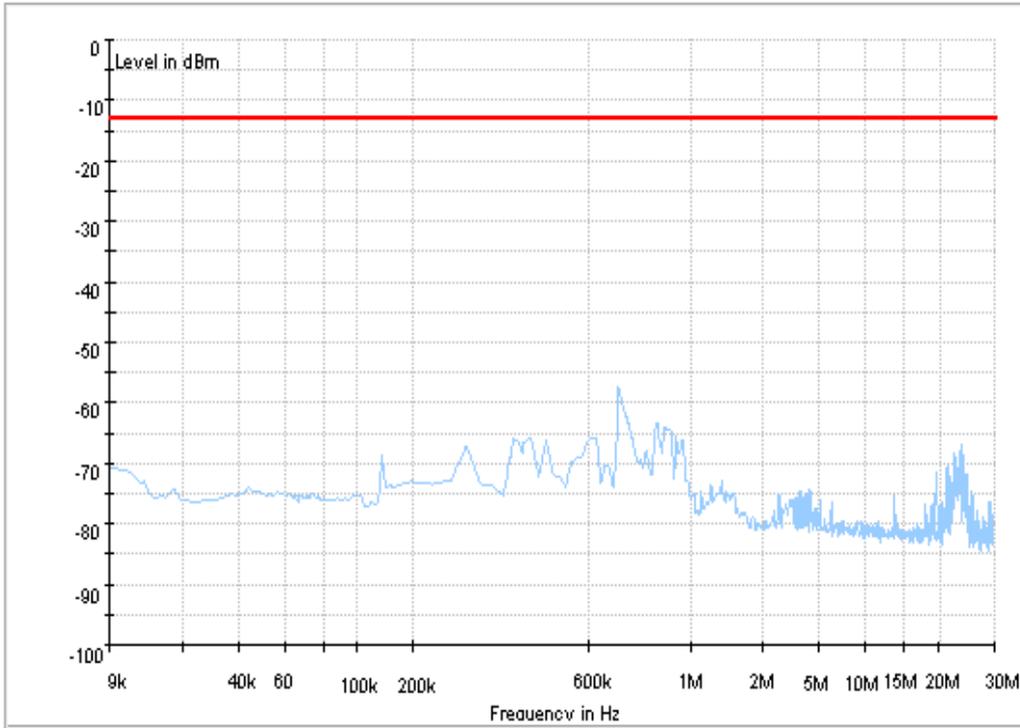


Copy of FCC PART22 WCDMA850_H

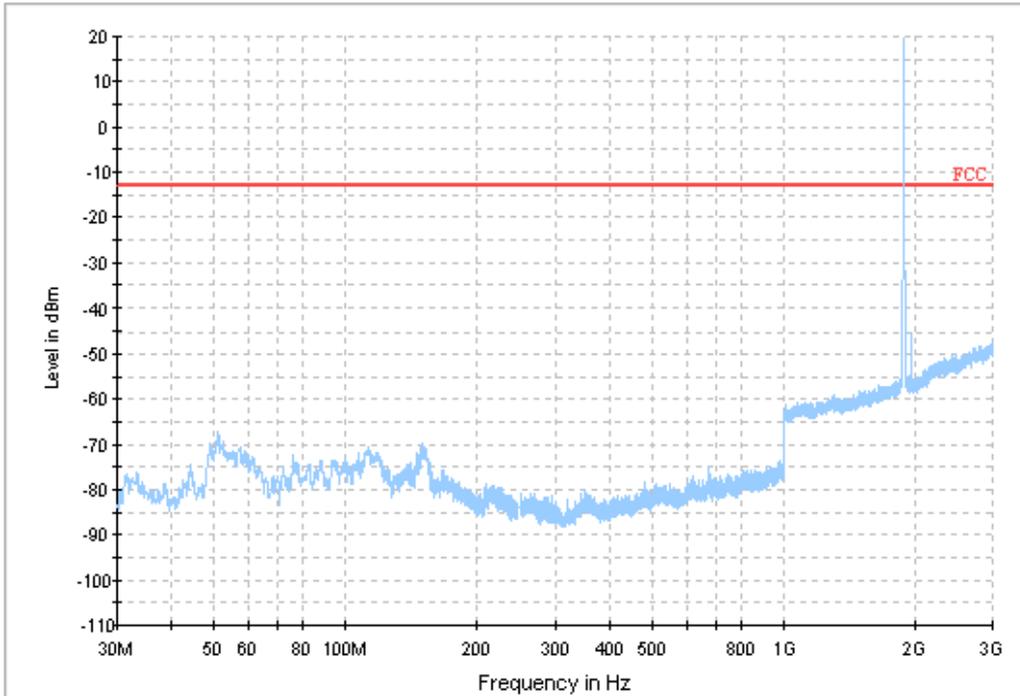


7.2.2 Test Band = WCDMA1900

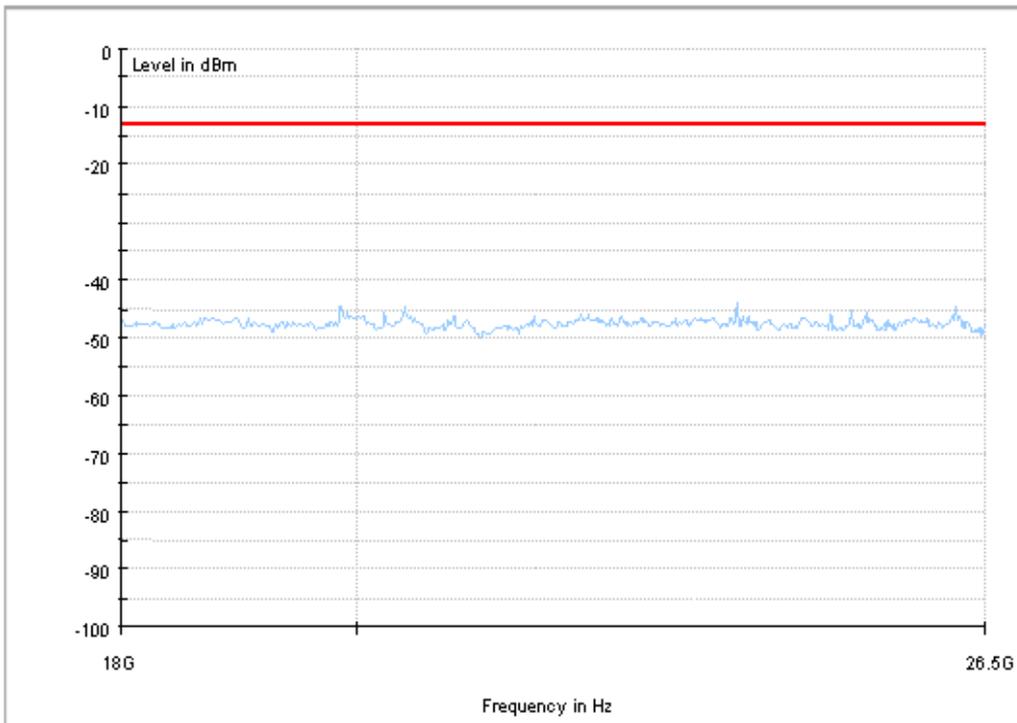
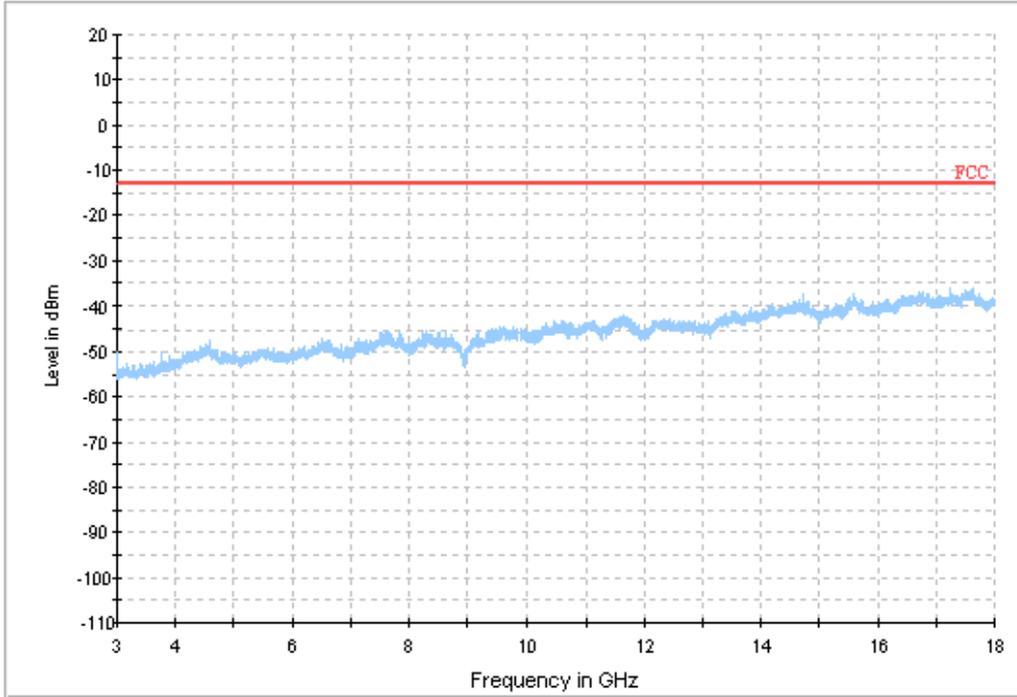
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L

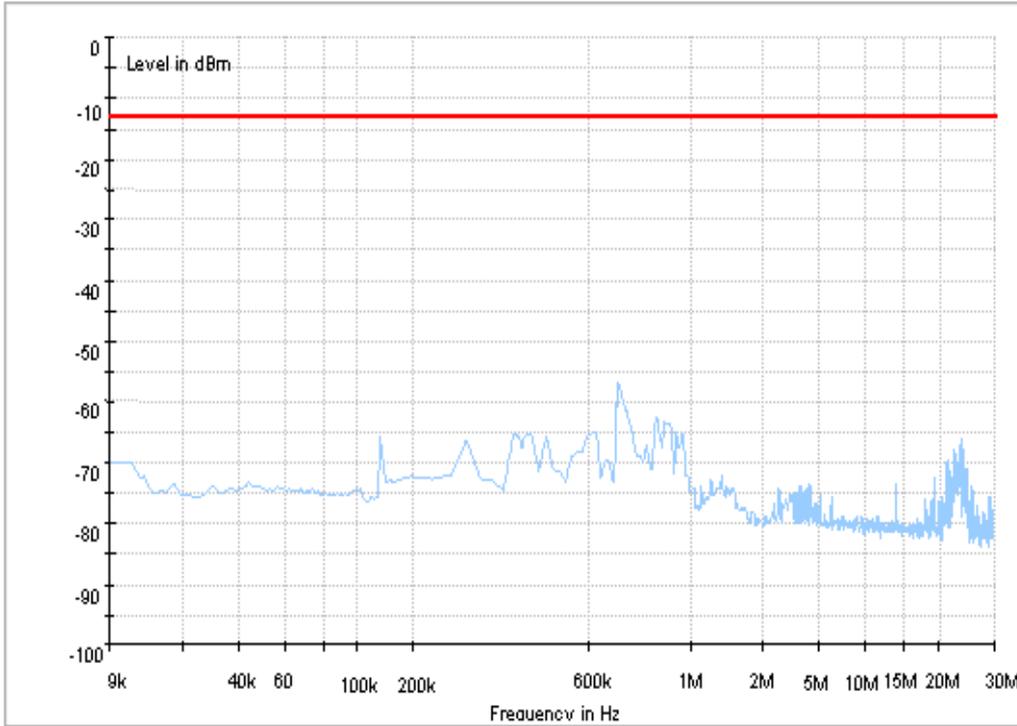


Copy of FCC PART24 WCDMA1900_H

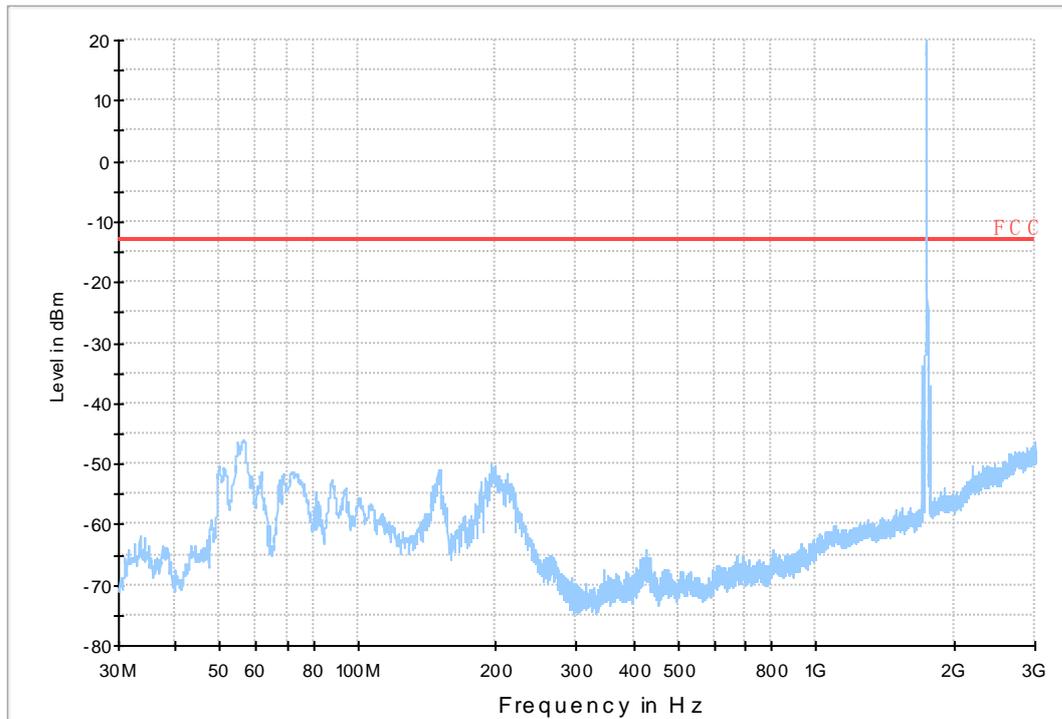


7.2.3 Test Band = WCDMA1700

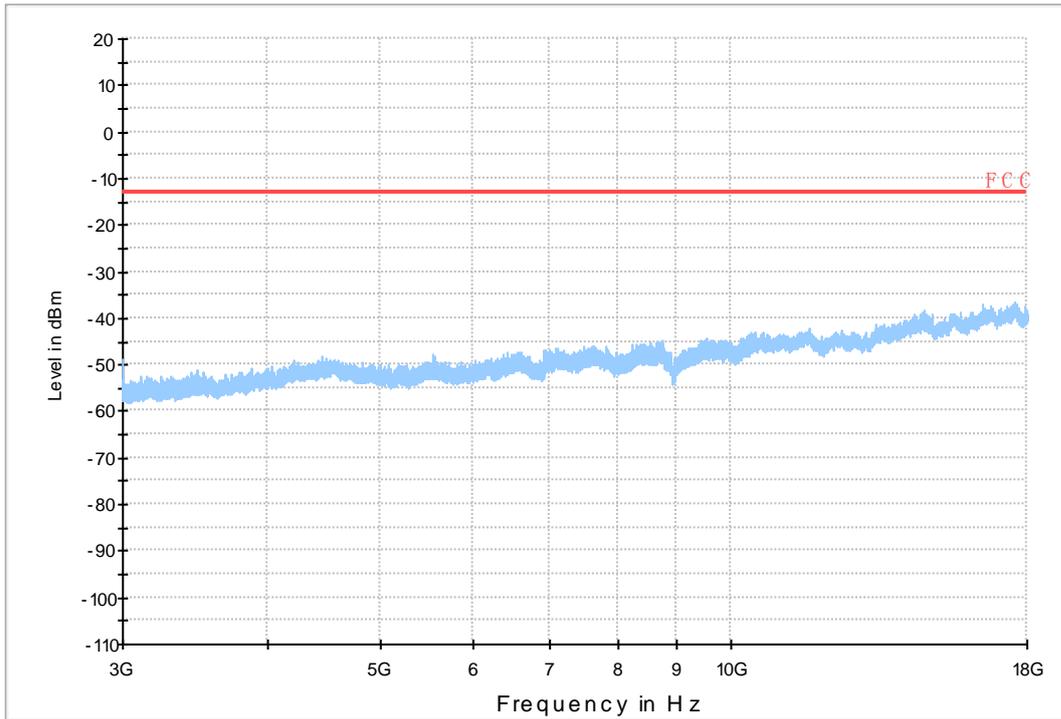
7.2.3.1 Test Mode = UMTS/TM1



Copy of FCC PART 27 W CDMA1700_L



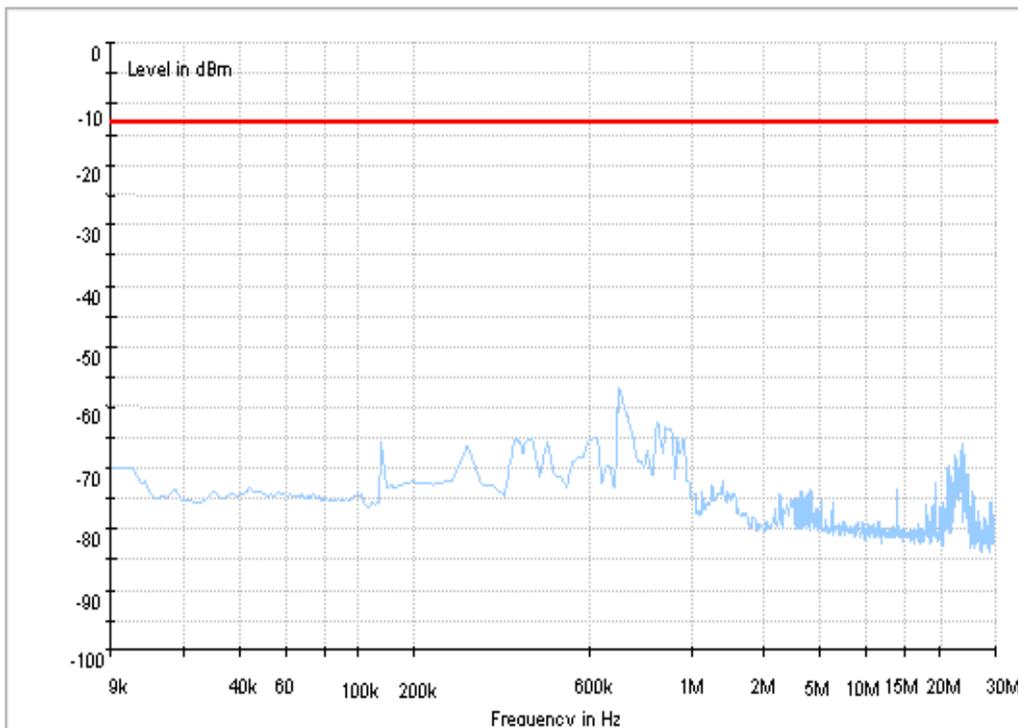
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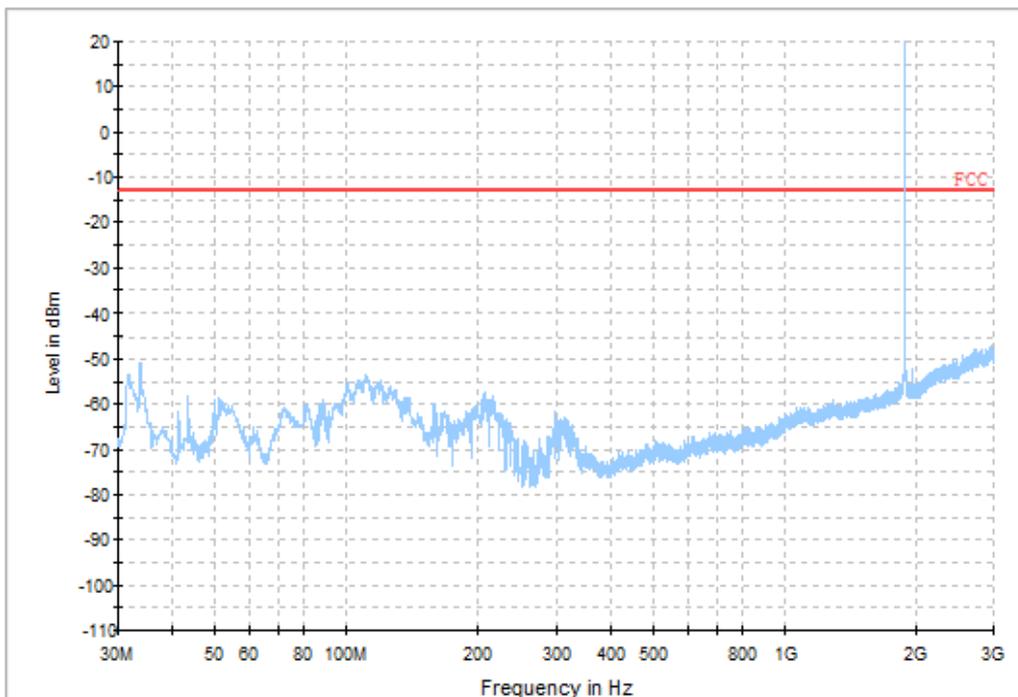
7.3 For LTE

7.3.1 Test Band = BAND2

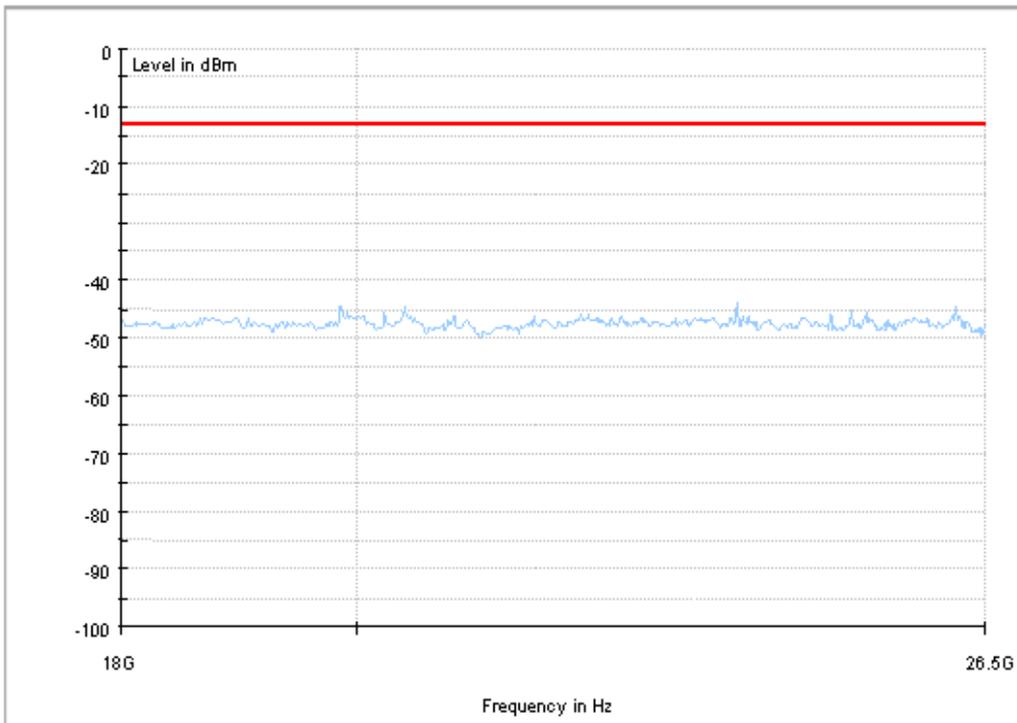
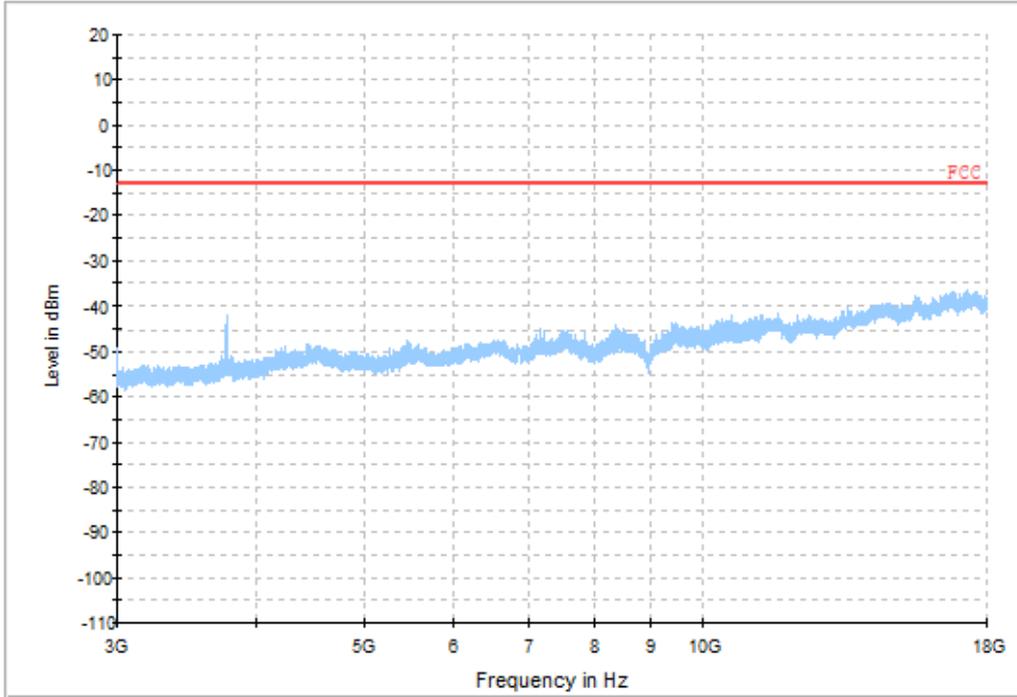
7.3.1.1 Test Bandwidth = 1.4



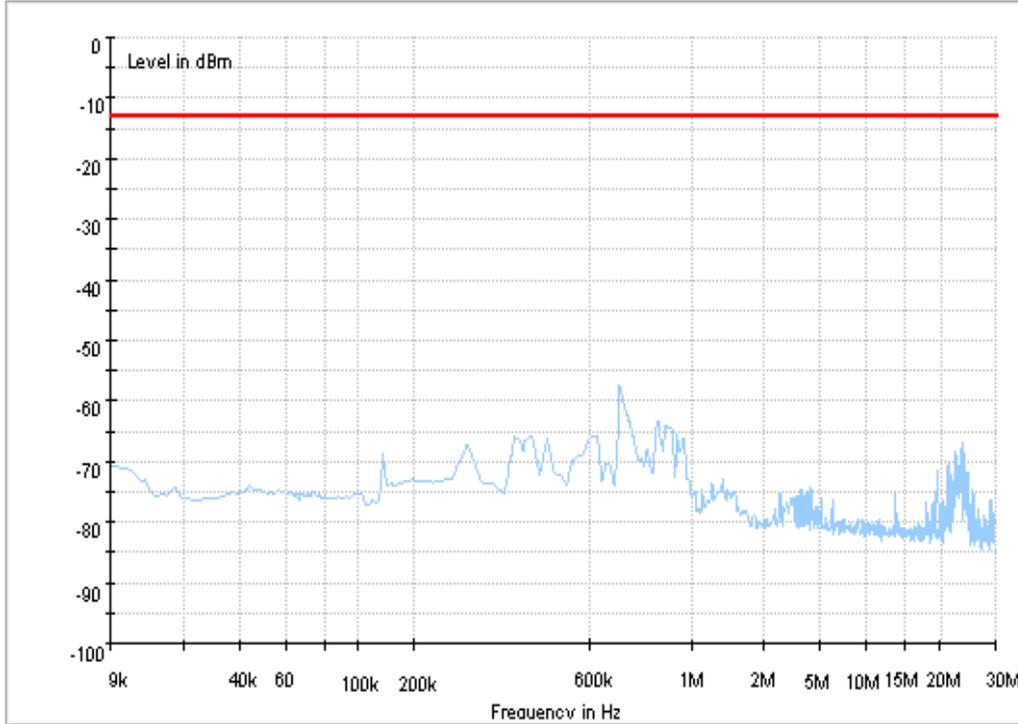
Copy of FCC PART24 LTE Band 2_L



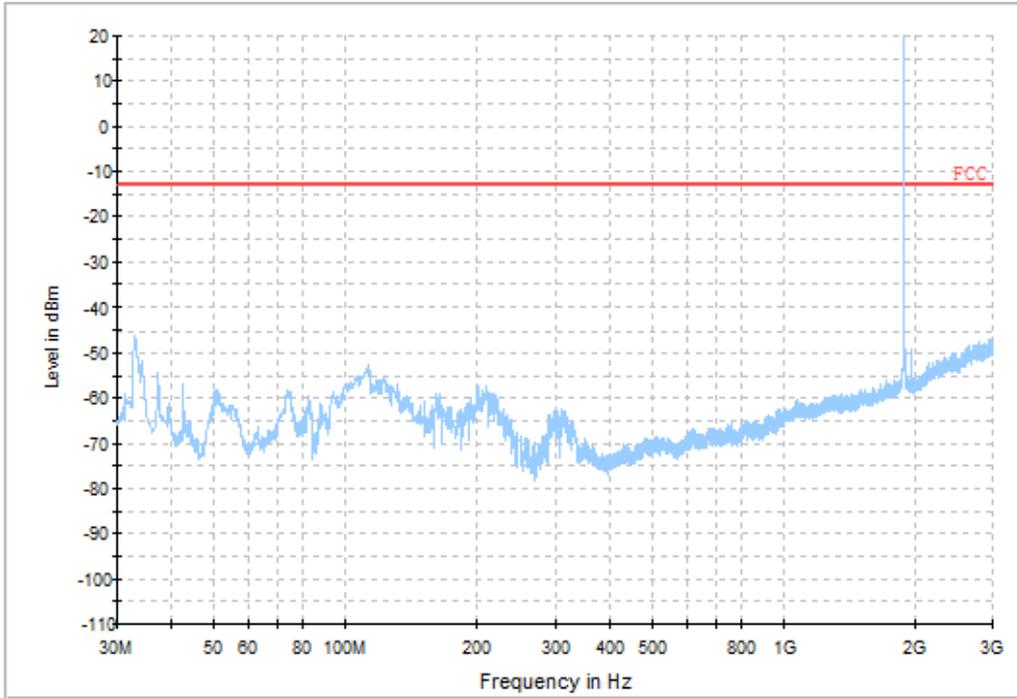
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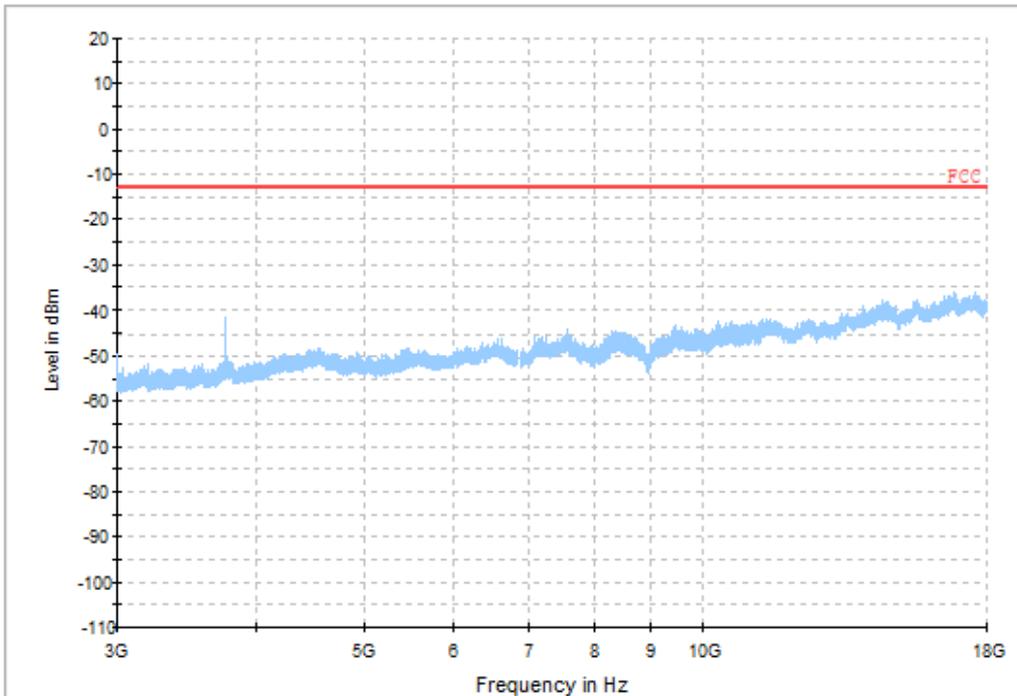
7.3.1.2 Test Bandwidth = 5

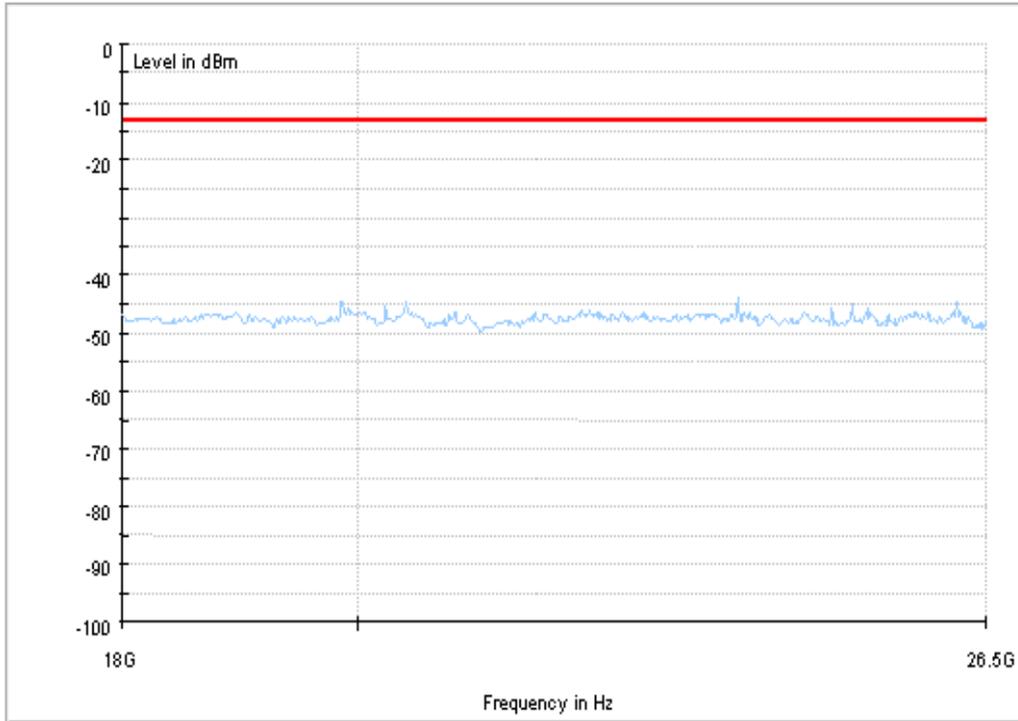


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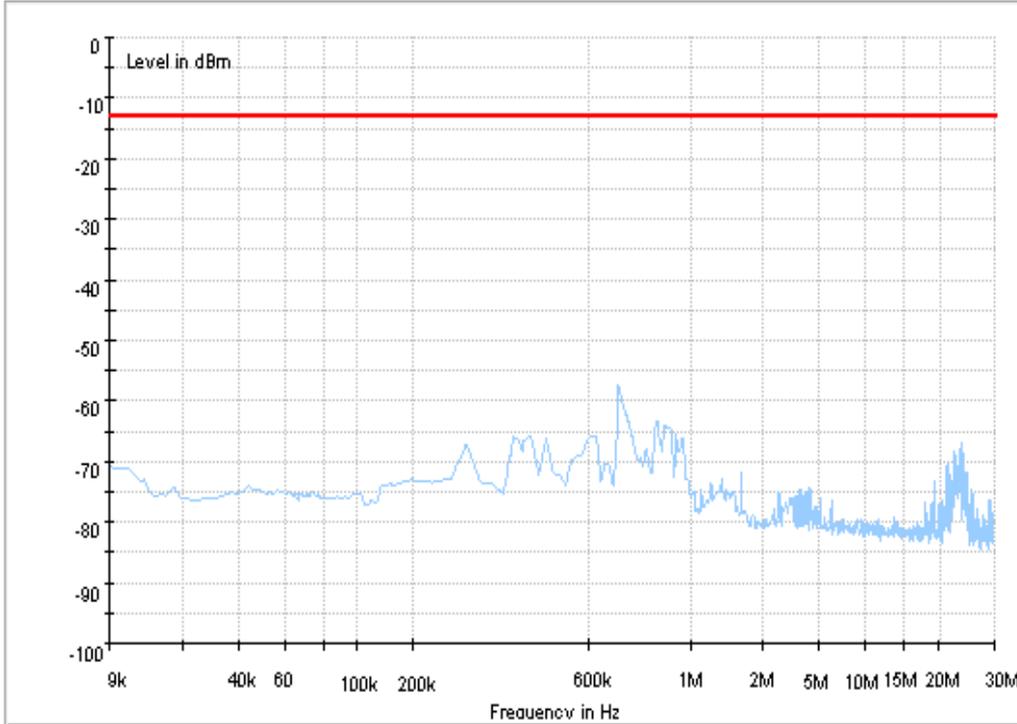


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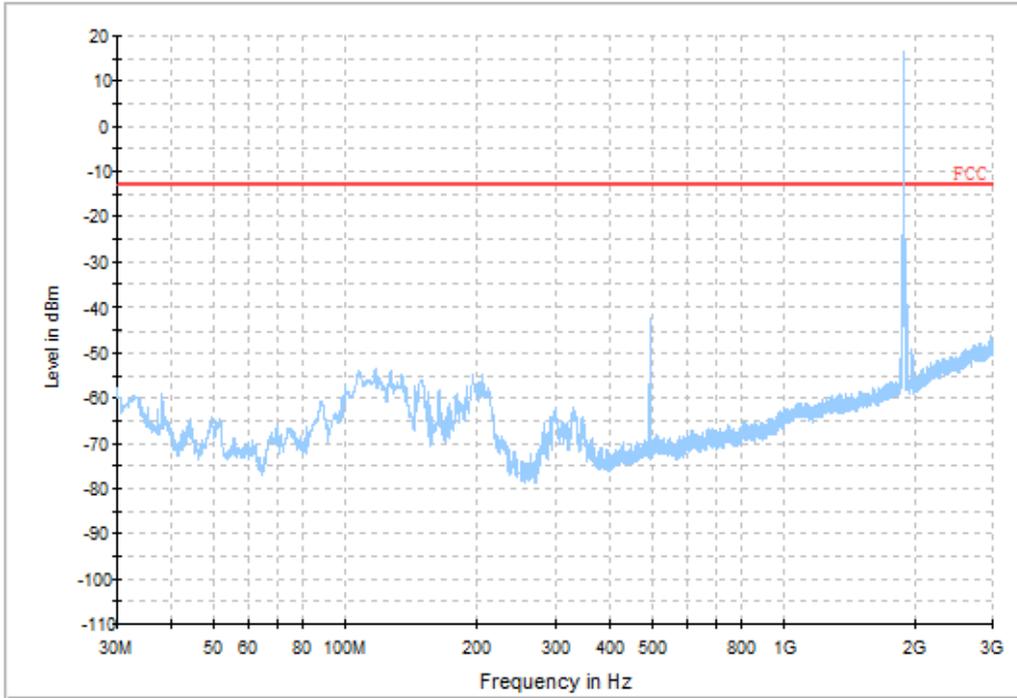




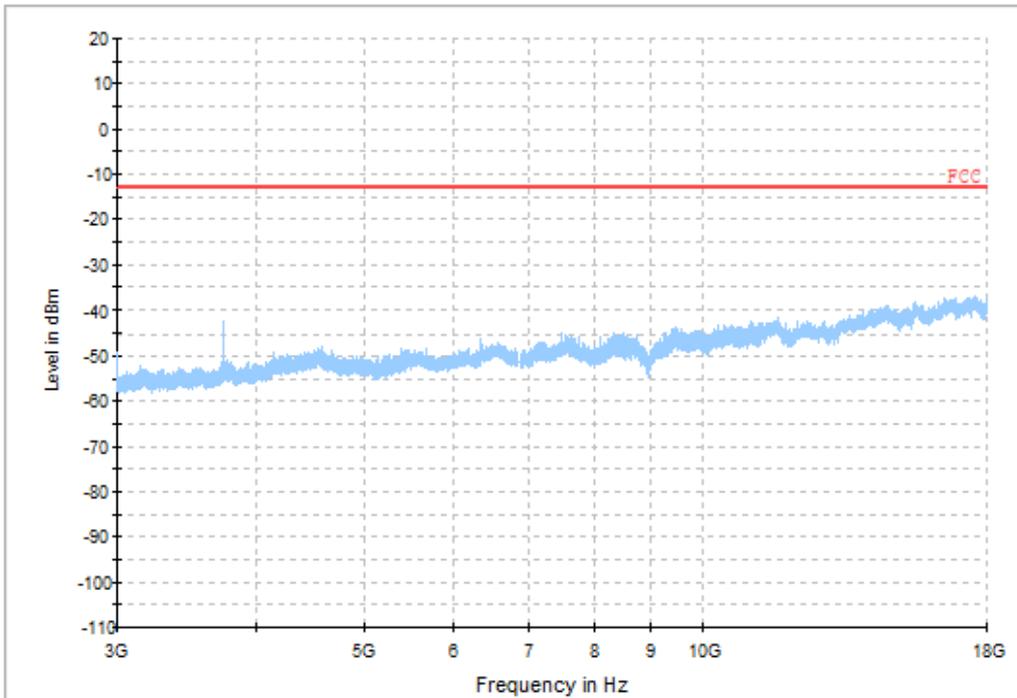
7.3.1.3 Test Bandwidth = 20

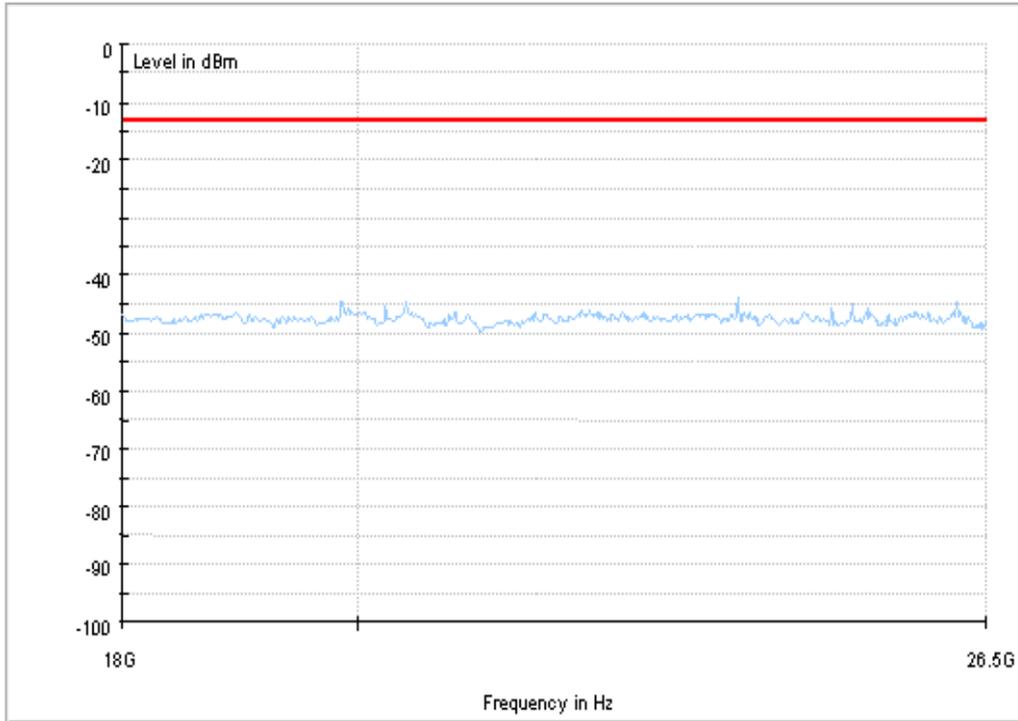


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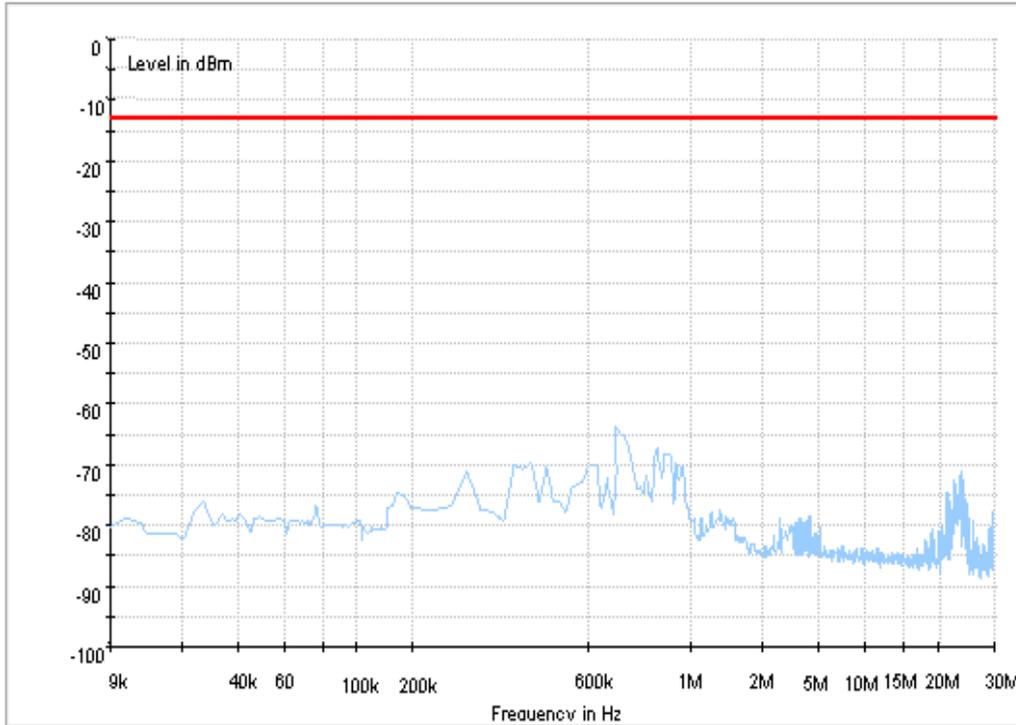
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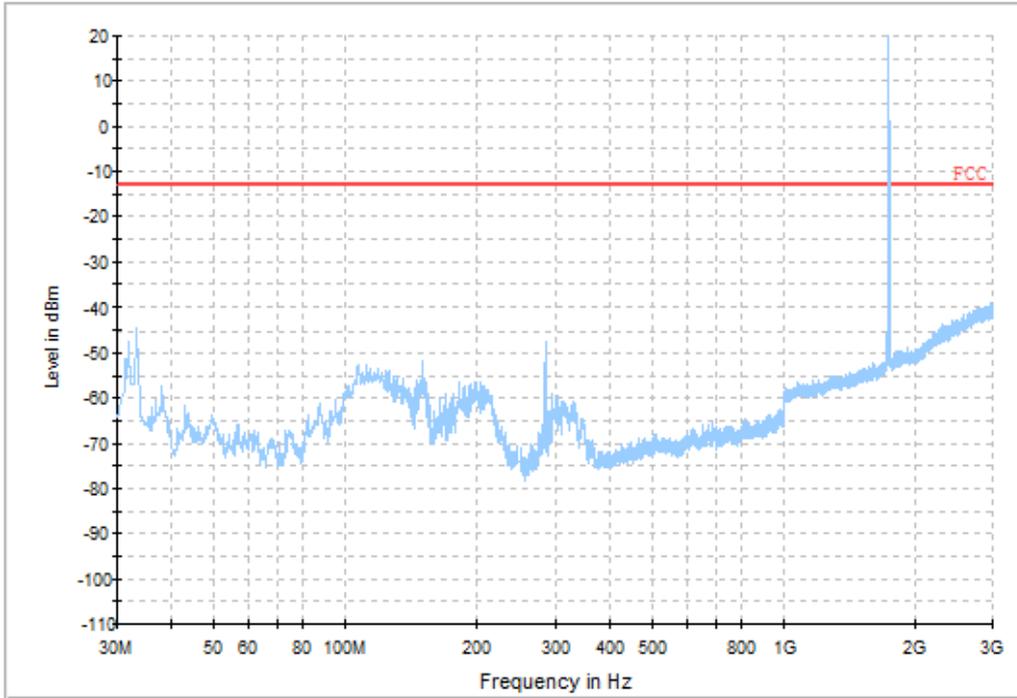


7.3.2 Test Band = BAND4

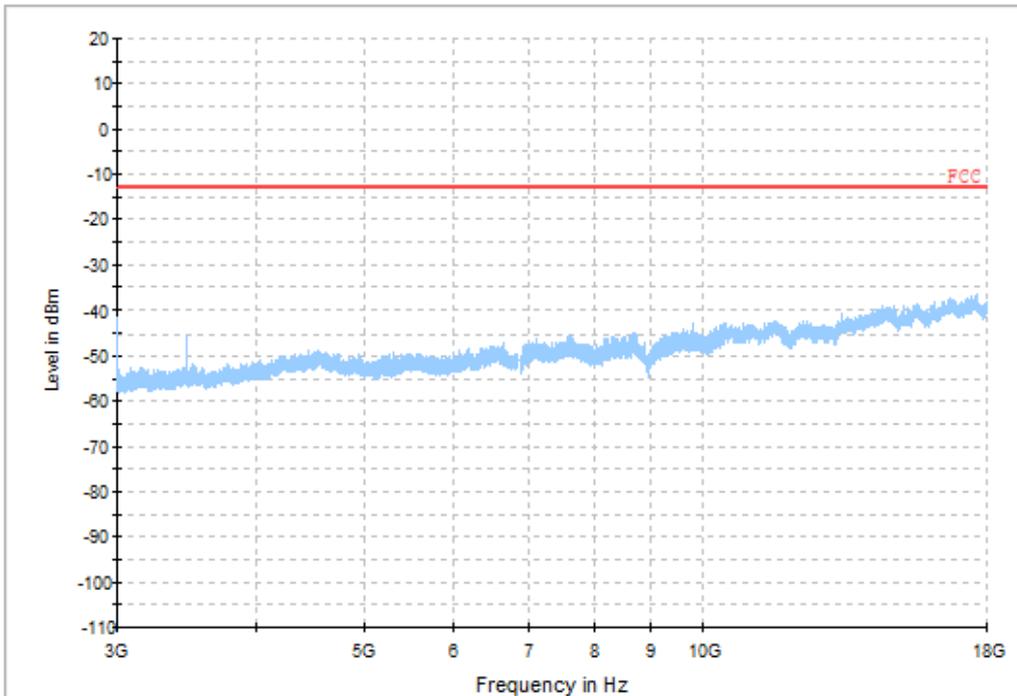
7.3.2.1 Test Bandwidth = 1.4

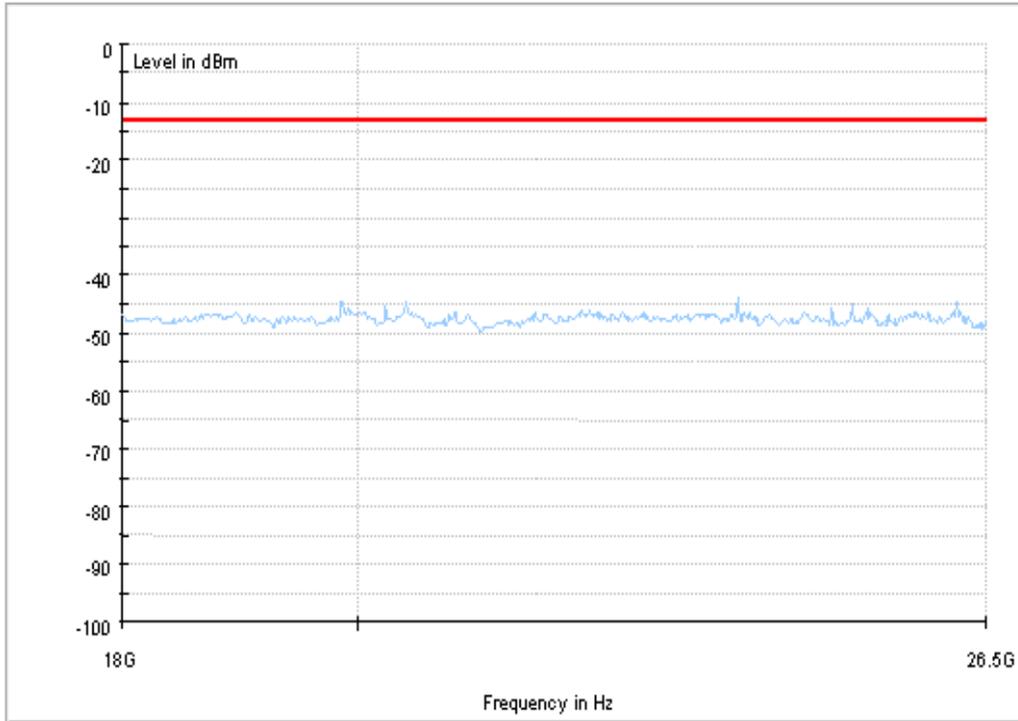


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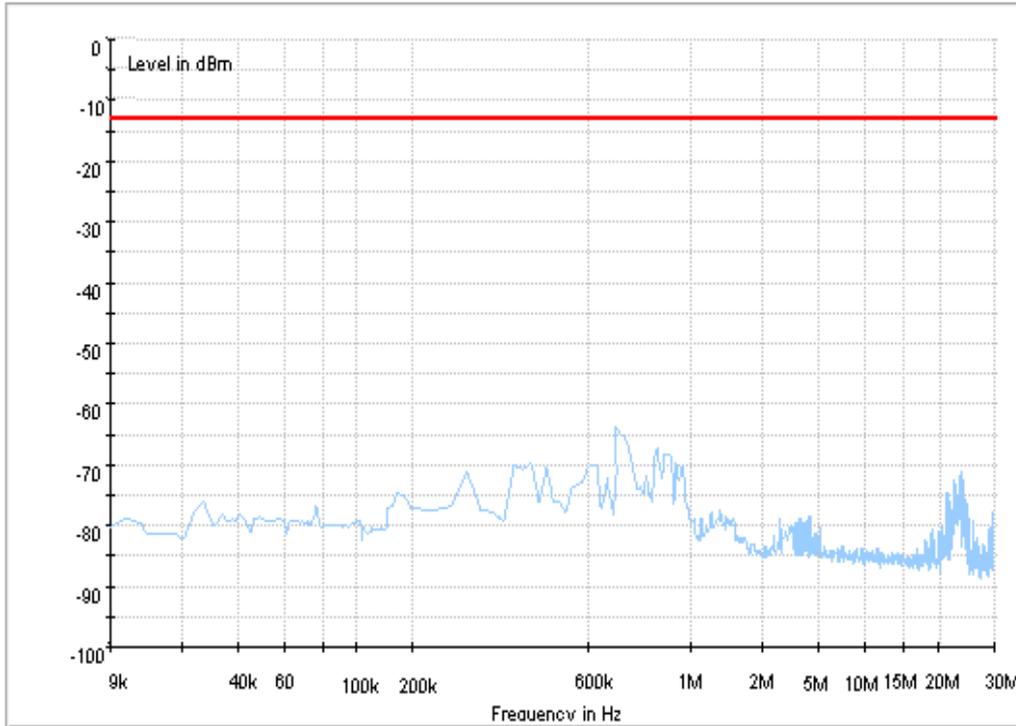


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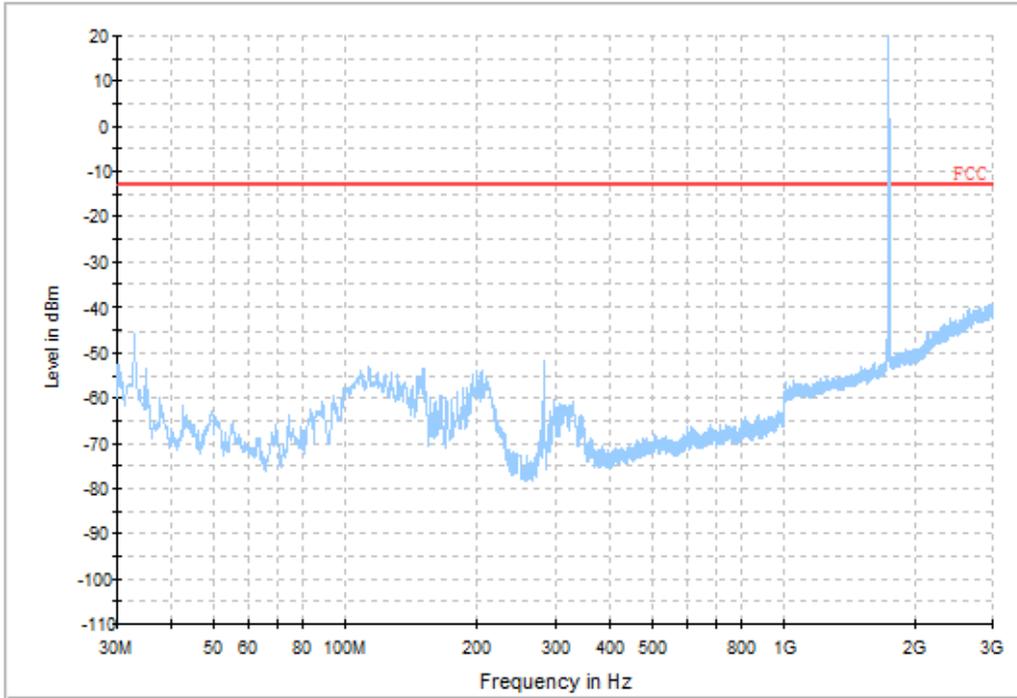




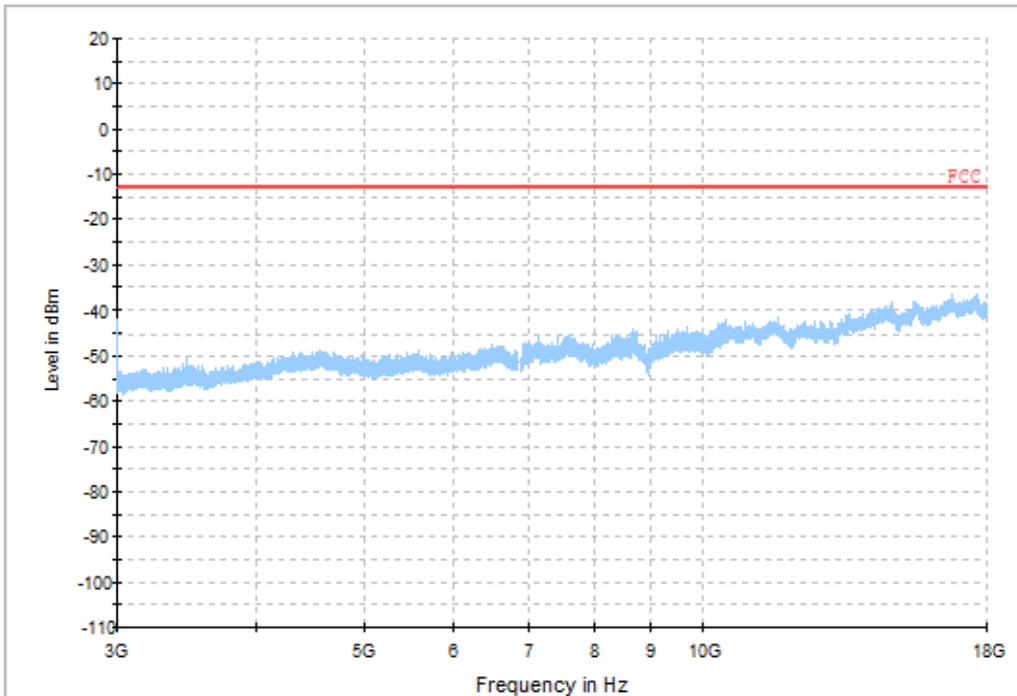
7.3.2.2 Test Bandwidth = 5

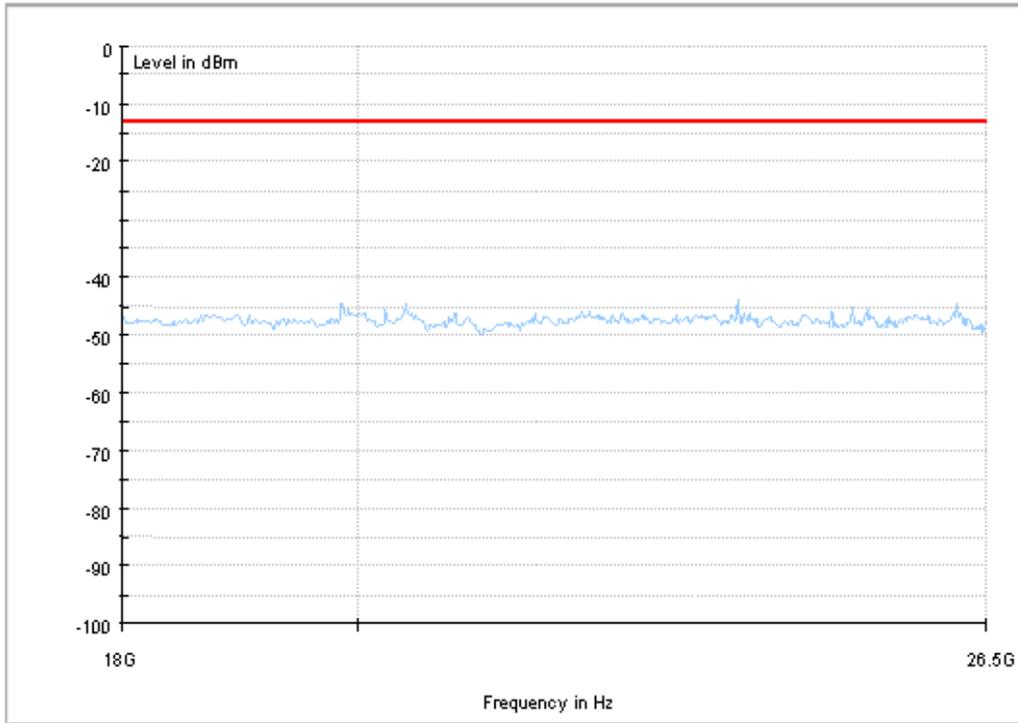


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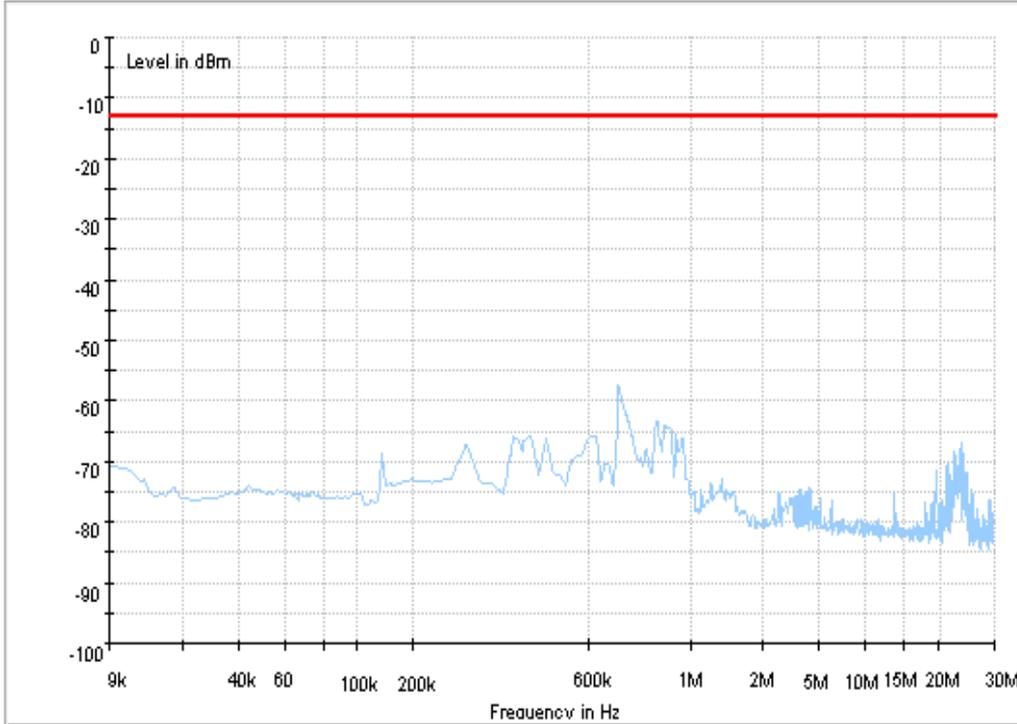


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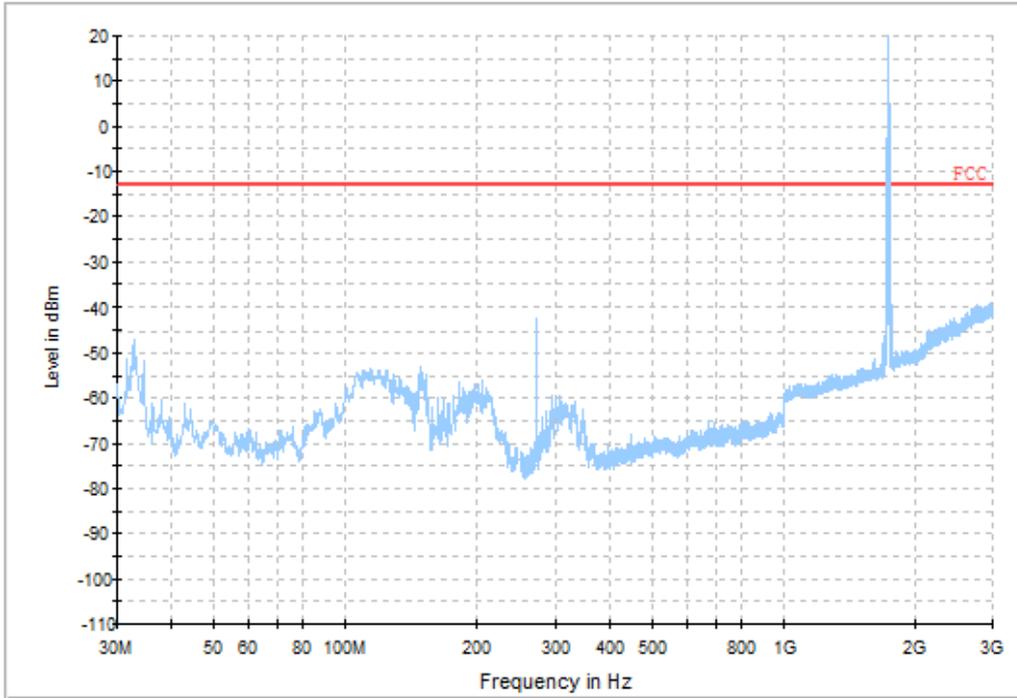




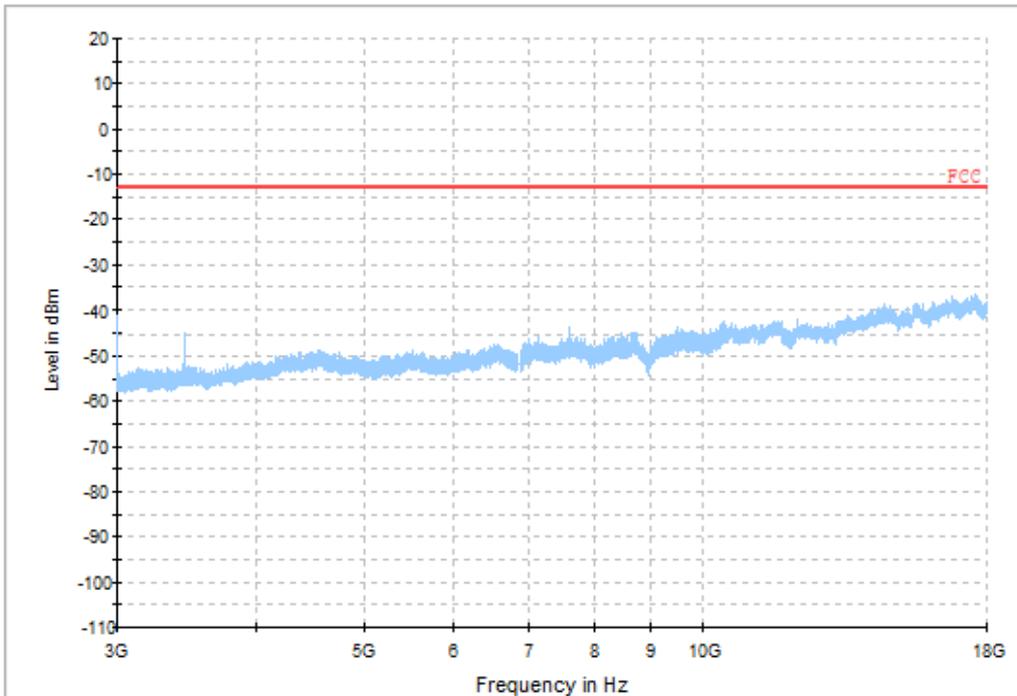
7.3.2.3 Test Bandwidth = 20

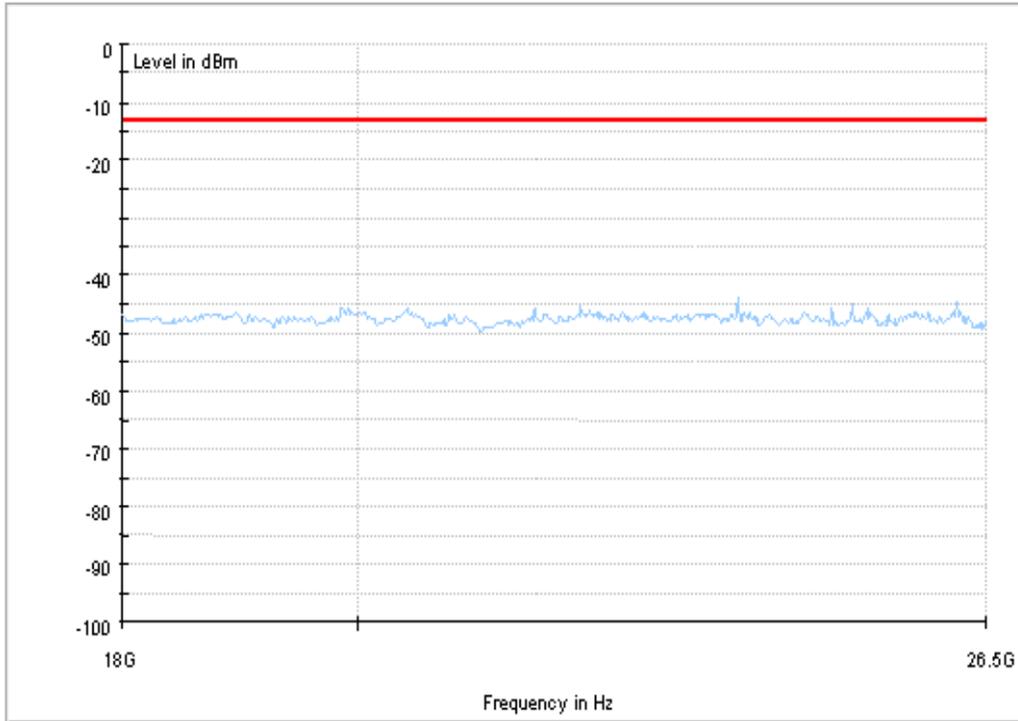


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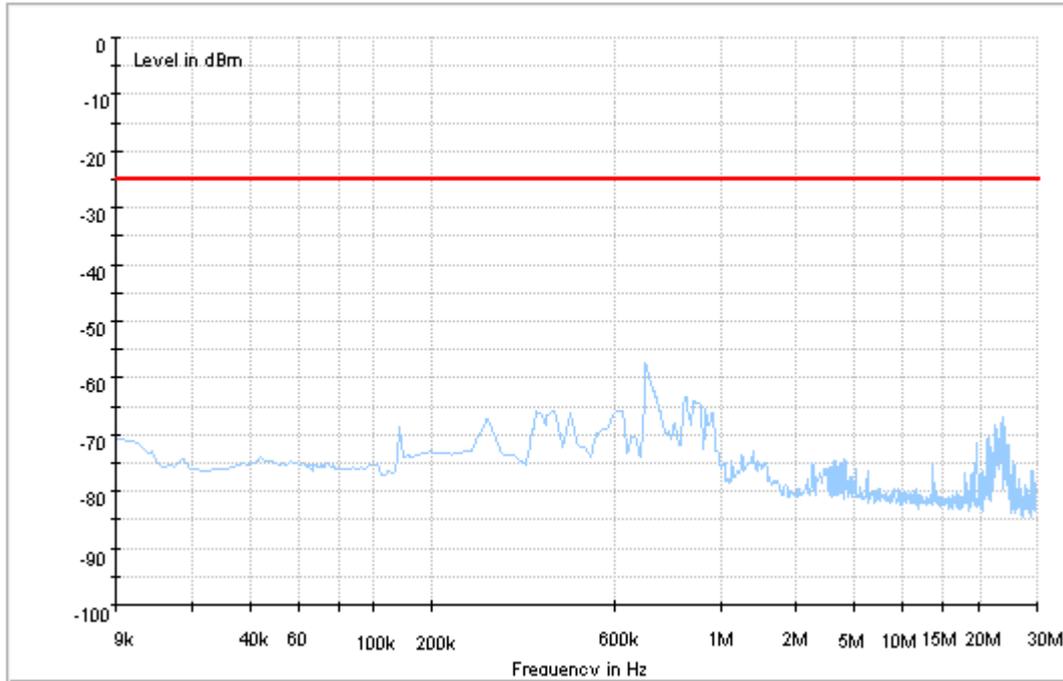
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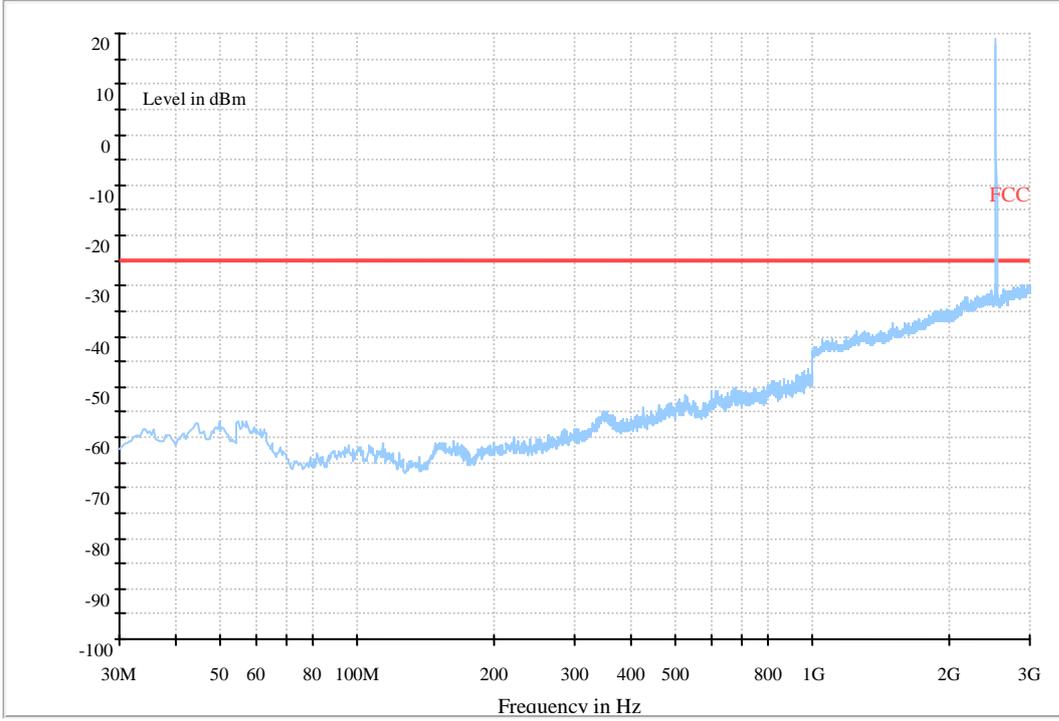


7.3.3 Test Band = BAND7

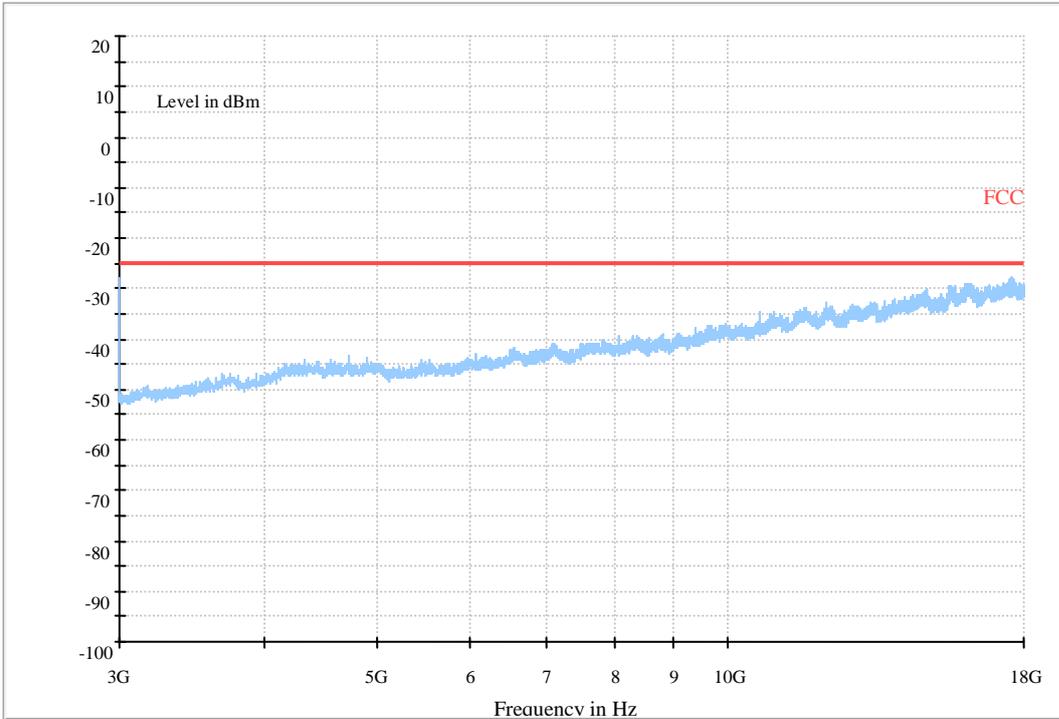
7.3.3.1 Test Bandwidth = 5

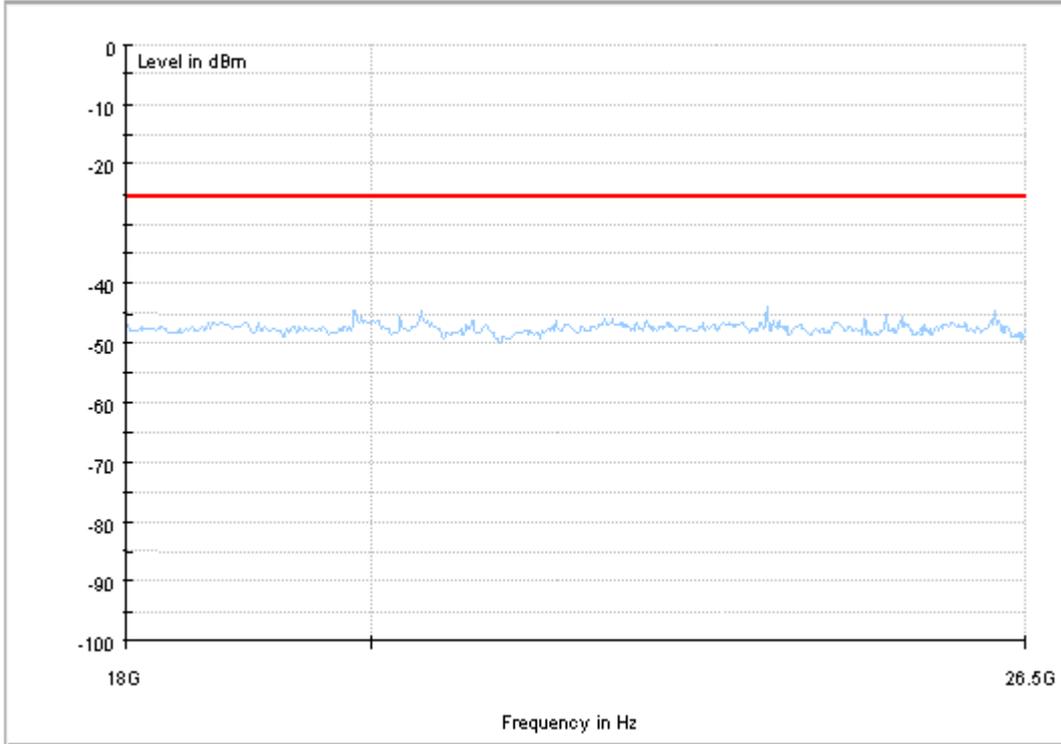


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

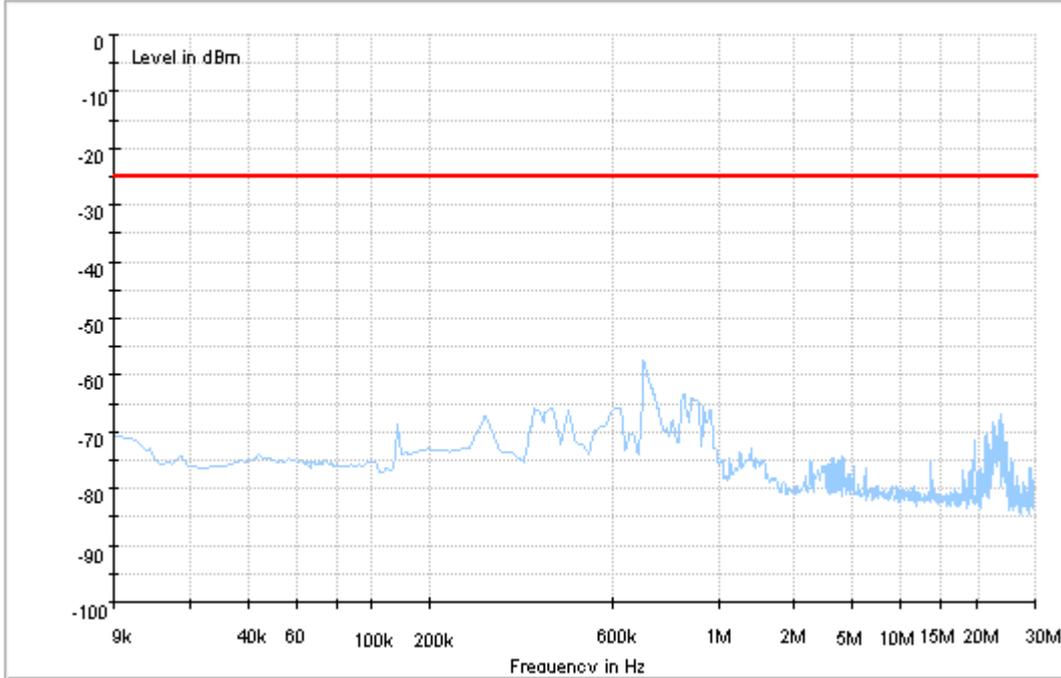


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

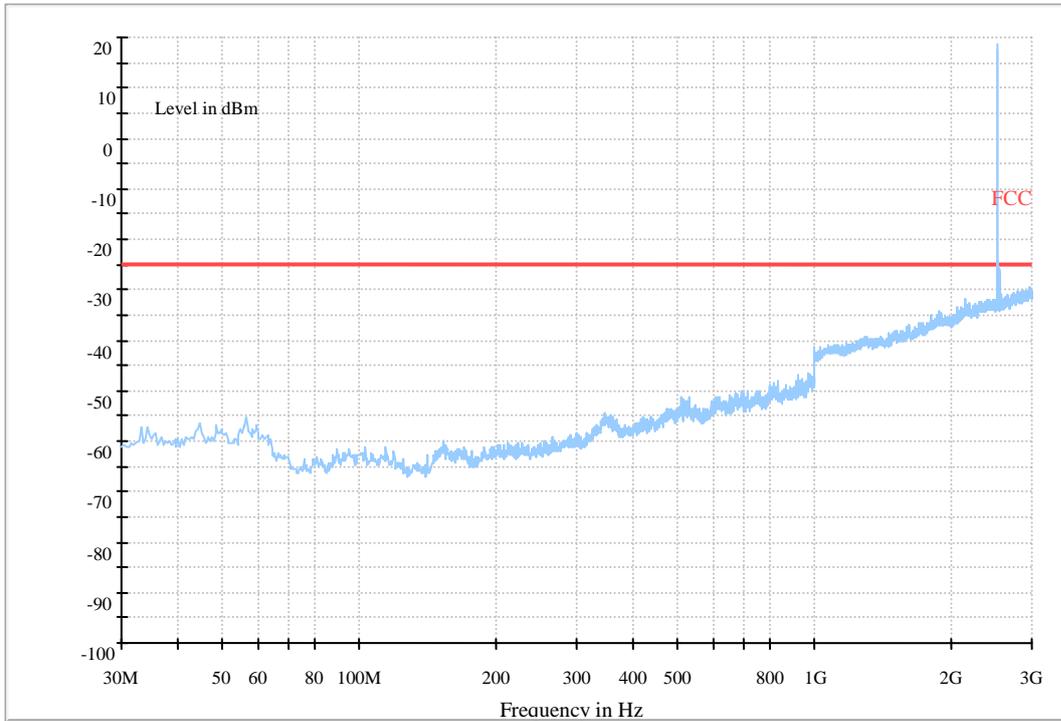




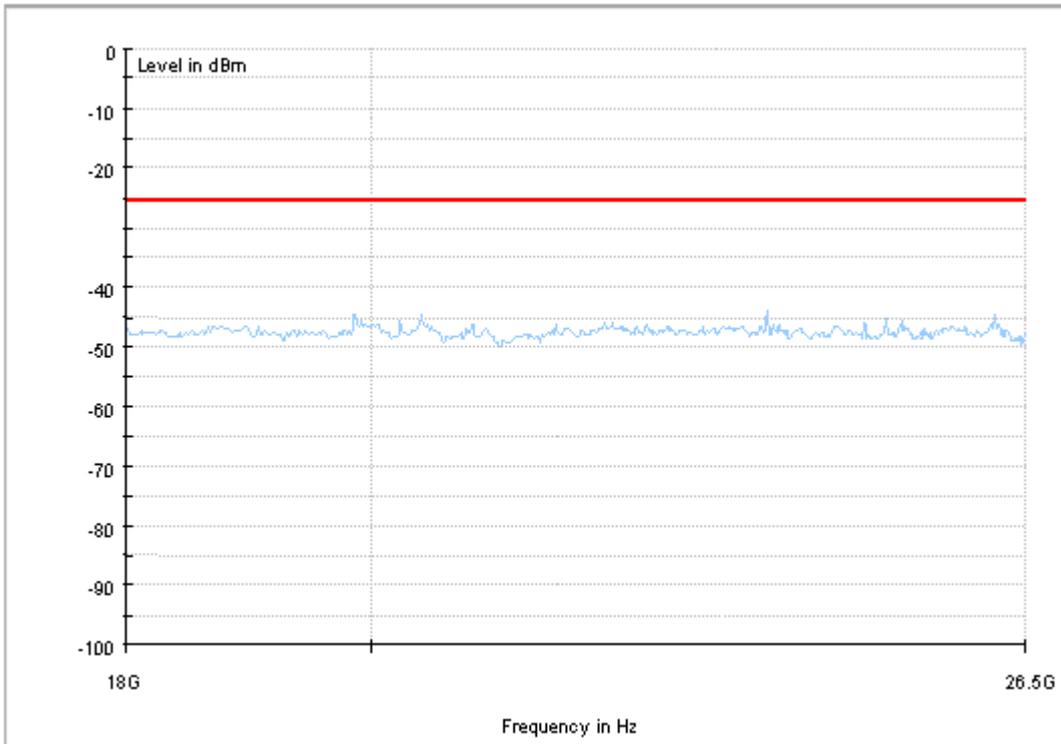
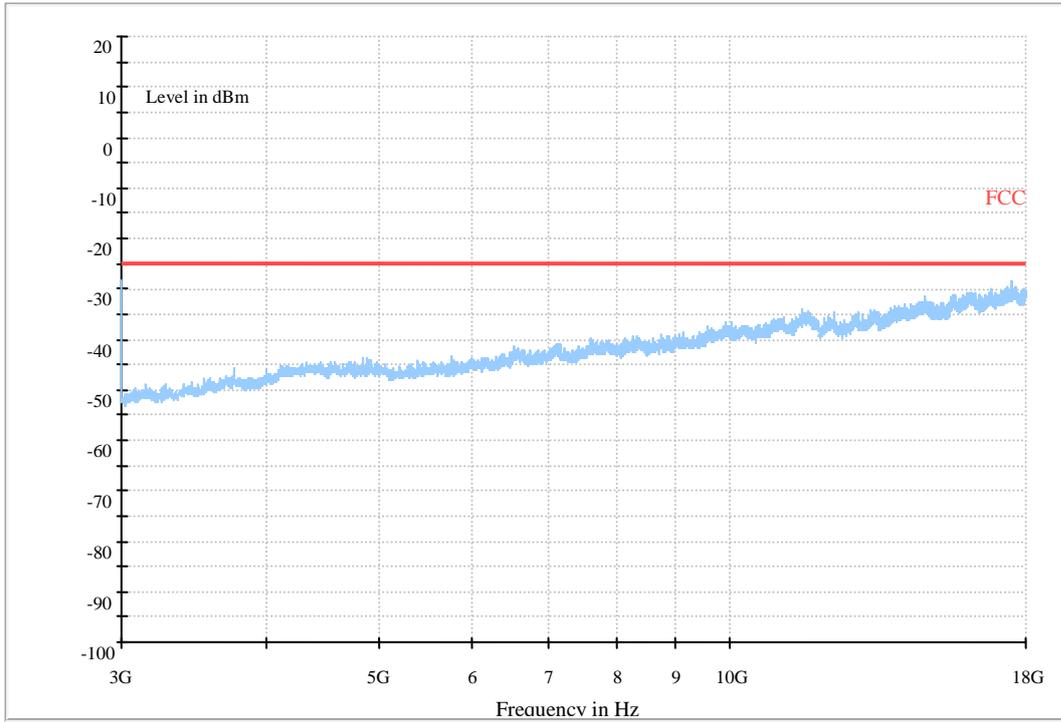
7.3.3.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_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	-3.29	-0.00399	PASS
				VN	-8.27	-0.01003	PASS
				VH	-4.58	-0.00556	PASS
		MCH	TN	VL	0.71	0.00085	PASS
				VN	-2.65	-0.00317	PASS
				VH	-3.68	-0.0044	PASS
		HCH	TN	VL	-5.94	-0.007	PASS
				VN	-4.20	-0.00495	PASS
				VH	-5.81	-0.00684	PASS
	GSM/TM2	LCH	TN	VL	-9.72	-0.01179	PASS
				VN	-4.10	-0.00497	PASS
				VH	-4.52	-0.00548	PASS
		MCH	TN	VL	-8.91	-0.01065	PASS
				VN	-6.59	-0.00788	PASS
				VH	-3.49	-0.00417	PASS
		HCH	TN	VL	-7.10	-0.00836	PASS
				VN	-3.52	-0.00415	PASS
				VH	-4.10	-0.00483	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-7.94	-0.00429	PASS
				VN	-14.92	-0.00806	PASS
				VH	3.03	0.00164	PASS
		MCH	TN	VL	-5.17	-0.00275	PASS
				VN	0.13	0.00007	PASS
				VH	-0.39	-0.00021	PASS
		HCH	TN	VL	-8.52	-0.00446	PASS
				VN	-3.23	-0.00169	PASS
				VH	1.61	0.00084	PASS
	GSM/TM2	LCH	TN	VL	-1.94	-0.00105	PASS
				VN	-2.65	-0.00143	PASS



Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	2.62	0.00142	PASS
		MCH	TN	VL	-5.36	-0.00285	PASS
				VN	-13.01	-0.00692	PASS
				VH	-7.43	-0.00395	PASS
		HCH	TN	VL	-3.42	-0.00179	PASS
				VN	-1.45	-0.00076	PASS
				VH	-3.65	-0.00191	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	-4.84	-0.00587	PASS		
				-20	-4.07	-0.00494	PASS		
				-10	-0.32	-0.00039	PASS		
				0	-4.65	-0.00564	PASS		
				10	-5.49	-0.00666	PASS		
				20	-6.46	-0.00784	PASS		
				30	-5.29	-0.00642	PASS		
				40	-3.49	-0.00423	PASS		
				50	-2.97	-0.0036	PASS		
				MCH	VN	-30	-1.03	-0.00123	PASS
						-20	-4.71	-0.00563	PASS
						-10	-2.13	-0.00255	PASS
						0	-1.94	-0.00232	PASS
						10	-4.58	-0.00547	PASS
						20	3.03	0.00362	PASS
						30	-3.03	-0.00362	PASS
						40	-3.42	-0.00409	PASS
						50	-5.04	-0.00602	PASS
				HCH	VN	-30	-8.33	-0.00981	PASS
						-20	-5.04	-0.00594	PASS
						-10	3.03	0.00357	PASS
						0	-3.62	-0.00426	PASS
						10	2.52	0.00297	PASS
						20	-0.71	-0.00084	PASS
						30	-3.29	-0.00388	PASS
						40	-5.17	-0.00609	PASS
						50	-3.75	-0.00442	PASS
		GSM/TM2	LCH	VN	-30	-9.65	-0.01171	PASS	



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				-20	-0.94	-0.00114	PASS						
				-10	-5.07	-0.00615	PASS						
				0	-3.65	-0.00443	PASS						
				10	-3.07	-0.00372	PASS						
				20	-4.26	-0.00517	PASS						
				30	-1.71	-0.00207	PASS						
				40	-1.71	-0.00207	PASS						
				50	-5.88	-0.00713	PASS						
		MCH	VN			-30	-6.23	-0.00745	PASS				
						-20	-3.36	-0.00402	PASS				
						-10	-3.36	-0.00402	PASS				
						0	-4.07	-0.00486	PASS				
						10	-2.91	-0.00348	PASS				
						20	-2.74	-0.00328	PASS				
						30	-5.55	-0.00663	PASS				
						40	-4.78	-0.00571	PASS				
		HCH	VN			50	-2.58	-0.00308	PASS				
						-30	-4.16	-0.0049	PASS				
						-20	-2.65	-0.00312	PASS				
						-10	-4.62	-0.00544	PASS				
						0	-4.94	-0.00582	PASS				
						10	-4.29	-0.00505	PASS				
						20	-6.42	-0.00756	PASS				
						30	-3.94	-0.00464	PASS				
		GSM1900	GSM/TM1	LCH	VN					40	-4.23	-0.00498	PASS
										50	-6.46	-0.00761	PASS
										-30	-11.30	-0.00611	PASS
-20	-4.58									-0.00248	PASS		
-10	-7.88									-0.00426	PASS		
0	-14.66									-0.00792	PASS		
10	-9.23									-0.00499	PASS		
20	-6.39									-0.00345	PASS		
30	-12.46			-0.00673	PASS								
MCH	VN									40	-9.10	-0.00492	PASS
										50	-7.30	-0.00395	PASS
										-30	-7.36	-0.00391	PASS
										-20	0.77	0.00041	PASS
										-10	-3.94	-0.0021	PASS
		0	0.45							0.00024	PASS		
10	-1.74	-0.00093	PASS										



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				20	2.13	0.00113	PASS		
				30	-10.78	-0.00573	PASS		
				40	-0.19	-0.0001	PASS		
				50	3.87	0.00206	PASS		
		HCH	VN			-30	-11.11	-0.00582	PASS
						-20	-8.72	-0.00457	PASS
						-10	5.75	0.00301	PASS
						0	10.46	0.00548	PASS
						10	-14.27	-0.00747	PASS
						20	5.17	0.00271	PASS
						30	-11.75	-0.00615	PASS
						40	-3.81	-0.00199	PASS
						50	-15.43	-0.00808	PASS
						LCH	VN		
	-20	-12.82	-0.00693	PASS					
	-10	-15.08	-0.00815	PASS					
	0	1.78	0.00096	PASS					
	10	-2.16	-0.00117	PASS					
	20	-8.75	-0.00473	PASS					
	30	1.71	0.00092	PASS					
	40	-10.40	-0.00562	PASS					
	50	-1.65	-0.00089	PASS					
	MCH	VN			-30				
					-20	-2.74	-0.00146	PASS	
					-10	-9.20	-0.00489	PASS	
					0	-3.65	-0.00194	PASS	
					10	-3.16	-0.00168	PASS	
					20	-9.30	-0.00495	PASS	
					30	1.61	0.00086	PASS	
					40	-2.71	-0.00144	PASS	
					50	5.26	0.0028	PASS	
					HCH	VN			-30
	-20	-5.52	-0.00289	PASS					
	-10	-10.75	-0.00563	PASS					
	0	4.94	0.00259	PASS					
	10	4.81	0.00252	PASS					
	20	4.16	0.00218	PASS					
	30	-5.26	-0.00275	PASS					
	40	-0.71	-0.00037	PASS					
	50	-10.53	-0.00551	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	4.96	0.006	PASS
				VN	5.58	0.00675	PASS
				VH	4.30	0.0052	PASS
		MCH	TN	VL	-1.11	-0.00133	PASS
				VN	-0.75	-0.0009	PASS
				VH	0.24	0.00029	PASS
		HCH	TN	VL	-1.30	-0.00154	PASS
				VN	-4.50	-0.00532	PASS
				VH	-7.20	-0.0085	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	0.76	0.00041	PASS
				VN	2.59	0.0014	PASS
				VH	0.35	0.00019	PASS
		MCH	TN	VL	-3.92	-0.00209	PASS
				VN	-7.08	-0.00377	PASS
				VH	-9.72	-0.00517	PASS
		HCH	TN	VL	-13.90	-0.00729	PASS
				VN	-13.53	-0.00709	PASS
				VH	-12.07	-0.00633	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	24.03	0.01403	PASS
				VN	24.49	0.0143	PASS
				VH	24.34	0.01421	PASS
		MCH	TN	VL	2.99	0.00173	PASS
				VN	1.16	0.00067	PASS
				VH	3.48	0.00201	PASS
		HCH	TN	VL	-30.09	-0.01717	PASS
				VN	-31.48	-0.01796	PASS
				VH	-28.37	-0.01619	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	5.72	0.00692	PASS
				-20	3.89	0.00471	PASS
				-10	3.30	0.00399	PASS
				0	2.88	0.00348	PASS
				10	3.62	0.00438	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				20	4.27	0.00517	PASS		
				30	3.88	0.0047	PASS		
				40	3.54	0.00428	PASS		
				50	3.07	0.00371	PASS		
		MCH	VN			-30	-1.11	-0.00133	PASS
						-20	-0.21	-0.00025	PASS
						-10	-0.34	-0.00041	PASS
						0	-1.88	-0.00225	PASS
						10	-0.75	-0.0009	PASS
						20	0.58	0.00069	PASS
						30	-1.65	-0.00197	PASS
						40	-1.48	-0.00177	PASS
						50	-1.37	-0.00164	PASS
						HCH	VN		
		-20	-2.62	-0.00309	PASS				
		-10	-3.60	-0.00425	PASS				
		0	-2.76	-0.00326	PASS				
		10	-4.01	-0.00474	PASS				
		20	-1.39	-0.00164	PASS				
		30	-4.01	-0.00474	PASS				
		40	-2.26	-0.00267	PASS				
		50	-2.00	-0.00236	PASS				
		WCDMA1900	UMTS/TM1	LCH	VN	-30	0.72	0.00039	PASS
						-20	2.78	0.0015	PASS
						-10	0.99	0.00053	PASS
						0	2.99	0.00161	PASS
						10	0.53	0.00029	PASS
						20	0.00	0	PASS
						30	2.12	0.00114	PASS
						40	0.79	0.00043	PASS
50	3.97					0.00214	PASS		
MCH	VN							-30	-2.88
				-20	-6.12			-0.00326	PASS
				-10	-7.19			-0.00382	PASS
				0	-3.81			-0.00203	PASS
				10	-3.52			-0.00187	PASS
				20	-5.14			-0.00273	PASS
				30	-7.08			-0.00377	PASS
				40	-6.81			-0.00362	PASS
				50	-6.10			-0.00324	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	-13.47	-0.00706	PASS
				-20	-14.21	-0.00745	PASS
				-10	-17.44	-0.00914	PASS
				0	-17.00	-0.00891	PASS
				10	-18.19	-0.00954	PASS
				20	-14.13	-0.00741	PASS
				30	-15.06	-0.00789	PASS
				40	-13.99	-0.00733	PASS
				50	-13.52	-0.00709	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	26.95	0.01574	PASS
				-20	21.82	0.01274	PASS
				-10	22.40	0.01308	PASS
				0	22.49	0.01313	PASS
				10	21.04	0.01229	PASS
				20	22.60	0.0132	PASS
				30	24.80	0.01448	PASS
				40	24.19	0.01413	PASS
				50	22.72	0.01327	PASS
		MCH	VN	-30	3.01	0.00174	PASS
				-20	-2.52	-0.00145	PASS
				-10	1.77	0.00102	PASS
				0	1.19	0.00069	PASS
				10	-0.92	-0.00053	PASS
				20	1.46	0.00084	PASS
				30	3.10	0.00179	PASS
				40	-0.69	-0.0004	PASS
				50	-0.32	-0.00018	PASS
		HCH	VN	-30	-28.55	-0.01629	PASS
				-20	-30.00	-0.01712	PASS
				-10	-29.05	-0.01658	PASS
				0	-28.76	-0.01641	PASS
				10	-25.05	-0.01429	PASS
				20	-30.75	-0.01755	PASS
				30	-30.01	-0.01712	PASS
				40	-29.51	-0.01684	PASS
				50	-30.20	-0.01723	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	-10.44	-0.00564	PASS
					VN	-3.65	-0.00197	PASS
					VH	1.00	0.00054	PASS
			MCH	TN	VL	-16.62	-0.00884	PASS
					VN	-12.70	-0.00676	PASS
					VH	-14.31	-0.00761	PASS
			HCH	TN	VL	-0.09	-0.00005	PASS
					VN	-0.86	-0.00045	PASS
					VH	-0.46	-0.00024	PASS
		3	LCH	TN	VL	-6.14	-0.00332	PASS
					VN	-10.96	-0.00592	PASS
					VH	-2.80	-0.00151	PASS
			MCH	TN	VL	-11.86	-0.00631	PASS
					VN	-14.75	-0.00785	PASS
					VH	-15.35	-0.00816	PASS
			HCH	TN	VL	-6.55	-0.00343	PASS
					VN	-10.83	-0.00567	PASS
					VH	0.99	0.00052	PASS
		5	LCH	TN	VL	-1.02	-0.00055	PASS
					VN	1.86	0.001	PASS
					VH	-8.40	-0.00453	PASS
			MCH	TN	VL	-7.54	-0.00401	PASS
					VN	-8.15	-0.00434	PASS
					VH	-7.14	-0.0038	PASS
			HCH	TN	VL	1.42	0.00074	PASS
					VN	3.28	0.00172	PASS
					VH	1.47	0.00077	PASS
		10	LCH	TN	VL	1.49	0.0008	PASS
					VN	-3.23	-0.00174	PASS
					VH	-7.51	-0.00405	PASS
MCH	TN		VL	-12.53	-0.00666	PASS		
			VN	-17.77	-0.00945	PASS		
			VH	-8.83	-0.0047	PASS		
HCH	TN		VL	-1.50	-0.00079	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	-5.21	-0.00273	PASS	
					VH	-8.50	-0.00446	PASS	
					VL	-16.68	-0.00898	PASS	
			MCH	TN	VN	-0.14	-0.00008	PASS	
					VH	-8.51	-0.00458	PASS	
					VL	-17.24	-0.00917	PASS	
		HCH	TN	VN	2.42	0.00129	PASS		
				VH	0.99	0.00053	PASS		
				VL	-5.68	-0.00299	PASS		
		20	LCH	TN	VN	-13.42	-0.00705	PASS	
					VH	-13.98	-0.00735	PASS	
					VL	-2.23	-0.0012	PASS	
			MCH	TN	VN	6.24	0.00335	PASS	
					VH	-2.63	-0.00141	PASS	
					VL	-15.76	-0.00838	PASS	
		HCH	TN	VN	-6.21	-0.0033	PASS		
				VH	-4.98	-0.00265	PASS		
				VL	0.26	0.00014	PASS		
		LTE/TM2	1.4	LCH	TN	VN	-10.07	-0.0053	PASS
						VH	3.82	0.00201	PASS
						VL	5.66	0.00306	PASS
				MCH	TN	VN	9.20	0.00497	PASS
						VH	-0.59	-0.00032	PASS
						VL	-11.93	-0.00635	PASS
			HCH	TN	VN	-11.57	-0.00615	PASS	
					VH	-9.06	-0.00482	PASS	
					VL	-8.01	-0.0042	PASS	
			3	LCH	TN	VN	0.16	0.00008	PASS
						VH	4.05	0.00212	PASS
						VL	-6.51	-0.00352	PASS
				MCH	TN	VN	-6.98	-0.00377	PASS
						VH	-8.75	-0.00473	PASS
						VL	0.10	0.00005	PASS
			HCH	TN	VN	-1.96	-0.00104	PASS	
					VH	-0.87	-0.00046	PASS	
					VL	0.50	0.00026	PASS	
		5	LCH	TN	VN	1.17	0.00061	PASS	
					VH	0.37	0.00019	PASS	
					VL	-6.22	-0.00336	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-5.02	-0.00271	PASS		
					VH	-7.40	-0.00399	PASS		
			MCH	TN	VL	-3.63	-0.00193	PASS		
					VN	2.80	0.00149	PASS		
					VH	0.86	0.00046	PASS		
					HCH	TN	VL	-0.86	-0.00045	PASS
			VN	0.99			0.00052	PASS		
			VH	5.74			0.00301	PASS		
			10	LCH			TN	VL	-14.81	-0.00798
					VN	-6.58		-0.00355	PASS	
					VH	6.45		0.00348	PASS	
				MCH	TN	VL	-3.26	-0.00173	PASS	
		VN				-8.08	-0.0043	PASS		
		VH				6.28	0.00334	PASS		
		HCH	TN	VL	6.44	0.00338	PASS			
				VN	5.36	0.00281	PASS			
				VH	2.43	0.00128	PASS			
		15	LCH	TN	VL	1.02	0.00055	PASS		
					VN	-4.22	-0.00227	PASS		
					VH	-7.45	-0.00401	PASS		
			MCH	TN	VL	-10.49	-0.00558	PASS		
					VN	-12.12	-0.00645	PASS		
					VH	-14.91	-0.00793	PASS		
			HCH	TN	VL	-17.51	-0.0092	PASS		
					VN	-16.94	-0.0089	PASS		
					VH	-16.29	-0.00856	PASS		
		20	LCH	TN	VL	125.61	0.06753	PASS		
					VN	-65.39	-0.03516	PASS		
					VH	96.50	0.05188	PASS		
			MCH	TN	VL	1.30	0.00069	PASS		
					VN	-1.07	-0.00057	PASS		
					VH	0.84	0.00045	PASS		
			HCH	TN	VL	4.28	0.00225	PASS		
					VN	4.29	0.00226	PASS		
					VH	7.85	0.00413	PASS		
		BAND4	LTE/TM1	1.4	LCH	TN	VL	-5.41	-0.00316	PASS
							VN	-5.51	-0.00322	PASS
							VH	-6.79	-0.00397	PASS
					MCH	TN	VL	-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	
					VN	2.95	0.0017	PASS	
					VH	1.93	0.00111	PASS	
			HCH	TN	VL	-5.75	-0.00328	PASS	
					VN	-4.46	-0.00254	PASS	
						VH	-3.88	-0.00221	PASS
						VL	-0.86	-0.0005	PASS
		3	LCH	TN	VN	-3.68	-0.00215	PASS	
					VH	-4.03	-0.00235	PASS	
			MCH	TN	VL	1.06	0.00061	PASS	
					VN	2.49	0.00144	PASS	
						VH	-1.92	-0.00111	PASS
						VL	-6.58	-0.00375	PASS
		5	HCH	TN	VN	-6.04	-0.00344	PASS	
					VH	-6.15	-0.00351	PASS	
			LCH	TN	VL	-4.58	-0.00267	PASS	
					VN	-5.38	-0.00314	PASS	
						VH	-5.02	-0.00293	PASS
						VL	1.10	0.00063	PASS
		10	MCH	TN	VN	1.65	0.00095	PASS	
					VH	-1.17	-0.00068	PASS	
			HCH	TN	VL	-5.54	-0.00316	PASS	
					VN	-5.21	-0.00297	PASS	
						VH	-4.65	-0.00265	PASS
						VL	0.62	0.00036	PASS
		15	LCH	TN	VN	1.65	0.00096	PASS	
					VH	1.19	0.00069	PASS	
			MCH	TN	VL	0.31	0.00018	PASS	
					VN	1.40	0.00081	PASS	
						VH	0.64	0.00037	PASS
						VL	3.79	0.00217	PASS
		15	HCH	TN	VN	5.05	0.00289	PASS	
					VH	3.05	0.00174	PASS	
			LCH	TN	VL	-8.40	-0.00489	PASS	
					VN	-6.90	-0.00402	PASS	
						VH	-6.62	-0.00385	PASS
						VL	0.56	0.00032	PASS
		MCH	TN	VN	0.26	0.00015	PASS		
				VH	2.80	0.00162	PASS		
		HCH	TN	VL	-3.23	-0.00185	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	-3.02	-0.00173	PASS	
					VH	-4.99	-0.00286	PASS	
					VL	-4.02	-0.00234	PASS	
			LCH	TN	VN	-2.42	-0.00141	PASS	
					VH	-3.92	-0.00228	PASS	
					VL	-1.50	-0.00087	PASS	
		MCH	TN	VN	-0.82	-0.00047	PASS		
				VH	1.29	0.00074	PASS		
				VL	2.39	0.00137	PASS		
		HCH	TN	VN	-0.11	-0.00006	PASS		
				VH	1.62	0.00093	PASS		
				VL	-4.15	-0.00243	PASS		
		LTE/TM2	1.4	LCH	TN	VN	-5.71	-0.00334	PASS
						VH	-5.52	-0.00323	PASS
						VL	0.13	0.00008	PASS
	MCH			TN	VN	1.99	0.00115	PASS	
					VH	-0.97	-0.00056	PASS	
					VL	-3.40	-0.00194	PASS	
	HCH			TN	VN	-4.31	-0.00246	PASS	
					VH	-1.49	-0.00085	PASS	
					VL	-1.40	-0.00082	PASS	
	3		LCH	TN	VN	-2.52	-0.00147	PASS	
					VH	-2.57	-0.0015	PASS	
					VL	-0.47	-0.00027	PASS	
			MCH	TN	VN	0.27	0.00016	PASS	
					VH	1.99	0.00115	PASS	
					VL	-4.66	-0.00266	PASS	
			HCH	TN	VN	-3.52	-0.00201	PASS	
					VH	-7.22	-0.00412	PASS	
		VL			-6.25	-0.00365	PASS		
	5	LCH	TN	VN	-5.69	-0.00332	PASS		
				VH	-2.96	-0.00173	PASS		
				VL	0.63	0.00036	PASS		
		MCH	TN	VN	1.44	0.00083	PASS		
				VH	-1.62	-0.00094	PASS		
				VL	-3.19	-0.00182	PASS		
		HCH	TN	VN	-1.66	-0.00095	PASS		
				VH	-2.66	-0.00152	PASS		
				VL	-0.11	-0.00006	PASS		
	10	LCH	TN	VL	-0.11	-0.00006	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-1.02	-0.00059	PASS
					VH	-0.77	-0.00045	PASS
					VL	0.43	0.00025	PASS
			MCH	TN	VN	1.77	0.00102	PASS
					VH	-0.84	-0.00048	PASS
					VL	3.55	0.00203	PASS
			HCH	TN	VN	4.25	0.00243	PASS
					VH	2.47	0.00141	PASS
					VL	-6.55	-0.00381	PASS
		15	LCH	TN	VN	-6.29	-0.00366	PASS
					VH	-6.97	-0.00406	PASS
					VL	1.70	0.00098	PASS
			MCH	TN	VN	-0.64	-0.00037	PASS
					VH	2.27	0.00131	PASS
					VL	-3.42	-0.00196	PASS
			HCH	TN	VN	-2.22	-0.00127	PASS
					VH	-2.57	-0.00147	PASS
					VL	-1.65	-0.00096	PASS
		20	LCH	TN	VN	-3.73	-0.00217	PASS
					VH	-2.80	-0.00163	PASS
					VL	-1.90	-0.0011	PASS
			MCH	TN	VN	-3.03	-0.00175	PASS
					VH	-0.56	-0.00032	PASS
					VL	0.14	0.00008	PASS
			HCH	TN	VN	-0.07	-0.00004	PASS
					VH	-0.11	-0.00006	PASS
					VL	-19.35	-0.00773	PASS
BAND7	LTE/TM1	5	LCH	TN	VN	-16.91	-0.00676	PASS
					VH	0.21	0.00008	PASS
					VL	9.24	0.00364	PASS
			MCH	TN	VN	-7.42	-0.00293	PASS
					VH	12.99	0.00512	PASS
					VL	3.62	0.00141	PASS
			HCH	TN	VN	-8.23	-0.00321	PASS
					VH	7.02	0.00273	PASS
					VL	-3.20	-0.00128	PASS
		10	LCH	TN	VN	0.57	0.00023	PASS
					VH	0.00	0	PASS
					VL	0.20	0.00008	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	1.47	0.00058	PASS	
					VH	8.37	0.0033	PASS	
			HCH	TN	VL	15.22	0.00593	PASS	
					VN	-10.24	-0.00399	PASS	
						VH	-1.36	-0.00053	PASS
						VL	1.76	0.0007	PASS
		15	LCH	TN	VN	-5.11	-0.00204	PASS	
					VH	-7.28	-0.0029	PASS	
			MCH	TN	VL	1.75	0.00069	PASS	
					VN	-16.75	-0.00661	PASS	
						VH	5.95	0.00235	PASS
						VL	-7.91	-0.00309	PASS
		20	HCH	TN	VN	-14.42	-0.00563	PASS	
					VH	-15.88	-0.0062	PASS	
			LCH	TN	VL	-10.30	-0.0041	PASS	
					VN	-16.95	-0.00675	PASS	
						VH	-0.80	-0.00032	PASS
						VL	7.75	0.00306	PASS
		5	MCH	TN	VN	0.90	0.00036	PASS	
					VH	-2.36	-0.00093	PASS	
			HCH	TN	VL	-14.00	-0.00547	PASS	
					VN	-13.39	-0.00523	PASS	
						VH	-9.04	-0.00353	PASS
						VL	-16.94	-0.00677	PASS
		10	LCH	TN	VN	-20.53	-0.0082	PASS	
					VH	-20.14	-0.00805	PASS	
			MCH	TN	VL	-2.83	-0.00112	PASS	
					VN	1.00	0.00039	PASS	
						VH	-11.40	-0.0045	PASS
						VL	8.65	0.00337	PASS
		LTE/TM2	HCH	TN	VN	1.34	0.00052	PASS	
					VH	-6.32	-0.00246	PASS	
			LCH	TN	VL	9.93	0.00396	PASS	
					VN	1.03	0.00041	PASS	
						VH	-5.02	-0.002	PASS
						VL	5.92	0.00234	PASS
		MCH	TN	VN	10.73	0.00423	PASS		
				VH	-20.28	-0.008	PASS		
		HCH	TN	VL	5.71	0.00223	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	-16.81	-0.00655	PASS
					VH	-11.22	-0.00437	PASS
					VL	9.07	0.00362	PASS
			VN		1.37	0.00055	PASS	
			VH		-1.60	-0.00064	PASS	
			VL		-7.88	-0.00311	PASS	
		MCH	TN	VN	3.35	0.00132	PASS	
				VH	-17.95	-0.00708	PASS	
				VL	-14.66	-0.00572	PASS	
				VN	-24.53	-0.00957	PASS	
				VH	3.02	0.00118	PASS	
				VL	-19.18	-0.00764	PASS	
		HCH	TN	VN	-9.34	-0.00372	PASS	
				VH	-2.86	-0.00114	PASS	
				VL	7.98	0.00315	PASS	
				VN	-3.09	-0.00122	PASS	
				VH	-12.50	-0.00493	PASS	
				VL	-11.00	-0.0043	PASS	
20	LCH	TN	VN	-17.14	-0.0067	PASS		
			VH	11.33	0.00443	PASS		
			VL	-11.00	-0.0043	PASS		
	MCH		TN	VN	-17.14	-0.0067	PASS	
				VH	11.33	0.00443	PASS	
				VL	-11.00	-0.0043	PASS	
HCH	TN	VN		-17.14	-0.0067	PASS		
		VH		11.33	0.00443	PASS		
		VL		-11.00	-0.0043	PASS		

8.3.2 Frequency Error vs. Temperature:

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	-10.11	-0.00546	PASS	
					-20	-12.16	-0.00657	PASS	
					-10	-3.53	-0.00191	PASS	
					0	-0.24	-0.00013	PASS	
					10	-9.87	-0.00533	PASS	
					20	5.62	0.00304	PASS	
					30	3.20	0.00173	PASS	
					40	-5.41	-0.00292	PASS	
			MCH		VN	50	5.99	0.00324	PASS
						-30	-9.24	-0.00491	PASS
						-20	-7.00	-0.00372	PASS
						-10	-6.87	-0.00365	PASS
						0	-8.11	-0.00431	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-11.59	-0.00616	PASS		
					20	-18.48	-0.00983	PASS		
					30	-14.83	-0.00789	PASS		
					40	-13.63	-0.00725	PASS		
					50	-18.32	-0.00974	PASS		
			HCH	VN	-30	1.26	0.00066	PASS		
					-20	1.96	0.00103	PASS		
					-10	-5.18	-0.00271	PASS		
					0	3.45	0.00181	PASS		
					10	-4.96	-0.0026	PASS		
					20	4.19	0.00219	PASS		
					30	-4.01	-0.0021	PASS		
			LCH	VN	40	-10.06	-0.00527	PASS		
					50	-1.96	-0.00103	PASS		
					-30	-14.79	-0.00799	PASS		
					-20	-17.07	-0.00922	PASS		
					-10	-16.34	-0.00883	PASS		
					0	-13.46	-0.00727	PASS		
		10			-13.15	-0.0071	PASS			
		MCH	VN	20	-7.41	-0.004	PASS			
				30	-18.35	-0.00991	PASS			
				40	-12.65	-0.00683	PASS			
				50	-10.20	-0.00551	PASS			
				-30	-12.60	-0.0067	PASS			
				-20	-10.81	-0.00575	PASS			
				-10	-13.60	-0.00723	PASS			
				0	-14.88	-0.00791	PASS			
		HCH	VN	10	-14.32	-0.00762	PASS			
				20	-14.52	-0.00772	PASS			
				30	-16.09	-0.00856	PASS			
				40	-15.65	-0.00832	PASS			
				50	-13.46	-0.00716	PASS			
				-30	-10.69	-0.0056	PASS			
				-20	-8.81	-0.00462	PASS			
		-10	-9.26	-0.00485	PASS					
				3			0	-10.31	-0.0054	PASS
							10	-12.67	-0.00664	PASS
							20	-12.46	-0.00653	PASS
							30	-12.23	-0.00641	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-13.19	-0.00691	PASS
					50	-10.07	-0.00528	PASS
		5	LCH	VN	-30	3.42	0.00185	PASS
					-20	2.75	0.00148	PASS
					-10	2.26	0.00122	PASS
					0	1.29	0.0007	PASS
					10	1.75	0.00094	PASS
					20	1.73	0.00093	PASS
					30	0.34	0.00018	PASS
					40	0.23	0.00012	PASS
					50	0.00	0	PASS
					MCH	VN	-30	6.11
			-20	1.66			0.00088	PASS
			-10	-6.59			-0.00351	PASS
			0	1.16			0.00062	PASS
			10	-7.24			-0.00385	PASS
			20	-5.95			-0.00316	PASS
			30	-7.37			-0.00392	PASS
			40	5.88			0.00313	PASS
			HCH	VN	-30	-9.08	-0.00476	PASS
		-20			-7.90	-0.00414	PASS	
		-10			-7.98	-0.00418	PASS	
		0			-10.54	-0.00553	PASS	
		10			-9.96	-0.00522	PASS	
		20			-9.34	-0.0049	PASS	
		30			-9.83	-0.00515	PASS	
		40			-11.77	-0.00617	PASS	
		10	LCH	VN	-30	-0.06	-0.00003	PASS
					-20	-0.20	-0.00011	PASS
					-10	-1.20	-0.00065	PASS
					0	1.00	0.00054	PASS
					10	1.23	0.00066	PASS
					20	-2.09	-0.00113	PASS
					30	-2.82	-0.00152	PASS
					40	-2.00	-0.00108	PASS
					50	-0.34	-0.00018	PASS
					MCH	VN	-30	-1.57



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-0.24	-0.00013	PASS		
					-10	1.90	0.00101	PASS		
					0	-3.76	-0.002	PASS		
					10	4.66	0.00248	PASS		
					20	-6.58	-0.0035	PASS		
					30	4.73	0.00252	PASS		
					40	2.32	0.00123	PASS		
					50	5.24	0.00279	PASS		
			HCH	VN	-30	4.16	0.00218	PASS		
					-20	10.16	0.00533	PASS		
					-10	8.21	0.00431	PASS		
					0	8.97	0.00471	PASS		
					10	-2.09	-0.0011	PASS		
					20	8.15	0.00428	PASS		
					30	8.73	0.00458	PASS		
					40	8.51	0.00447	PASS		
			LCH	VN	-30	-8.78	-0.00473	PASS		
					-20	-5.78	-0.00311	PASS		
					-10	-3.96	-0.00213	PASS		
					0	2.65	0.00143	PASS		
		10			2.72	0.00146	PASS			
		20			-7.41	-0.00399	PASS			
		30			-19.01	-0.01023	PASS			
		40			-13.25	-0.00713	PASS			
		MCH	VN	-30	-11.59	-0.00616	PASS			
				-20	-11.86	-0.00631	PASS			
				-10	-7.64	-0.00406	PASS			
				0	-15.58	-0.00829	PASS			
				10	-15.85	-0.00843	PASS			
				20	-21.72	-0.01155	PASS			
				30	-18.05	-0.0096	PASS			
				40	-8.84	-0.0047	PASS			
		HCH	VN	-30	1.20	0.00063	PASS			
				-20	-7.82	-0.00411	PASS			
				-10	-12.42	-0.00653	PASS			
				0	-16.61	-0.00873	PASS			
		15								

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.50	-0.00079	PASS
					20	-16.05	-0.00844	PASS
					30	-14.71	-0.00773	PASS
					40	-7.94	-0.00417	PASS
					50	-13.06	-0.00686	PASS
			LCH	VN	-30	-2.23	-0.0012	PASS
					-20	-2.33	-0.00125	PASS
					-10	-1.00	-0.00054	PASS
					0	1.89	0.00102	PASS
					10	2.25	0.00121	PASS
		MCH	VN	20	6.19	0.00333	PASS	
				30	7.21	0.00388	PASS	
				40	6.85	0.00368	PASS	
				50	3.95	0.00212	PASS	
				-30	-16.25	-0.00864	PASS	
		HCH	VN	-20	-12.09	-0.00643	PASS	
				-10	-9.76	-0.00519	PASS	
				0	-9.24	-0.00491	PASS	
				10	-7.72	-0.00411	PASS	
				20	-7.02	-0.00373	PASS	
	LCH	VN	30	-3.73	-0.00198	PASS		
			40	-2.00	-0.00106	PASS		
			50	1.07	0.00057	PASS		
			-30	5.28	0.00278	PASS		
			-20	4.49	0.00236	PASS		
			-10	-10.57	-0.00556	PASS		
			0	-14.58	-0.00767	PASS		
			10	-11.93	-0.00628	PASS		
			20	-7.11	-0.00374	PASS		
			30	-4.45	-0.00234	PASS		
	LTE/TM2	1.4	LCH	VN	-30	6.64	0.00359	PASS
					-20	4.32	0.00233	PASS
					-10	-2.17	-0.00117	PASS
					0	-1.54	-0.00083	PASS
					10	3.73	0.00202	PASS
					20	6.57	0.00355	PASS
					30	3.26	0.00176	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.40	0.0013	PASS
					50	-0.77	-0.00042	PASS
			MCH	VN	-30	-8.74	-0.00465	PASS
					-20	-7.81	-0.00415	PASS
					-10	-8.47	-0.00451	PASS
					0	-9.51	-0.00506	PASS
					10	-11.40	-0.00606	PASS
					20	-11.34	-0.00603	PASS
					30	-10.94	-0.00582	PASS
					40	-13.38	-0.00712	PASS
					50	-12.16	-0.00647	PASS
					HCH	VN	-30	-9.44
			-20	-6.79			-0.00356	PASS
			-10	-10.11			-0.0053	PASS
			0	-9.96			-0.00522	PASS
			10	-5.84			-0.00306	PASS
			20	1.52			0.0008	PASS
			30	0.46			0.00024	PASS
			40	-4.03			-0.00211	PASS
			3	LCH	VN	-30	-12.23	-0.00661
		-20				-17.78	-0.0096	PASS
		-10				-13.10	-0.00708	PASS
		0				-12.97	-0.00701	PASS
		10				-13.76	-0.00743	PASS
		20				0.10	0.00005	PASS
		30				-15.69	-0.00847	PASS
		40				-17.50	-0.00945	PASS
		50				-18.14	-0.0098	PASS
		MCH				VN	-30	-11.63
				-20	-9.47		-0.00504	PASS
				-10	-10.70		-0.00569	PASS
				0	-7.78		-0.00414	PASS
				10	-7.58		-0.00403	PASS
				20	-8.77		-0.00466	PASS
				30	-8.15		-0.00434	PASS
				40	-7.88		-0.00419	PASS
		HCH		VN	-30	-6.82	-0.00357	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-6.49	-0.0034	PASS
					-10	-6.62	-0.00347	PASS
					0	-4.75	-0.00249	PASS
					10	-5.48	-0.00287	PASS
					20	-4.61	-0.00242	PASS
					30	-6.07	-0.00318	PASS
					40	-4.11	-0.00215	PASS
					50	-3.81	-0.002	PASS
		5	LCH	VN	-30	-1.90	-0.00103	PASS
					-20	2.89	0.00156	PASS
					-10	0.14	0.00008	PASS
					0	6.57	0.00355	PASS
					10	1.69	0.00091	PASS
					20	-12.47	-0.00673	PASS
					30	-6.57	-0.00355	PASS
					40	-8.63	-0.00466	PASS
			50		2.27	0.00123	PASS	
			MCH		-30	-6.01	-0.0032	PASS
					-20	-3.89	-0.00207	PASS
					-10	-3.65	-0.00194	PASS
					0	-3.06	-0.00163	PASS
					10	-3.16	-0.00168	PASS
					20	-2.49	-0.00132	PASS
					30	-3.43	-0.00182	PASS
					40	-1.73	-0.00092	PASS
			50		-0.27	-0.00014	PASS	
			HCH		-30	3.28	0.00172	PASS
					-20	5.81	0.00305	PASS
					-10	-2.57	-0.00135	PASS
					0	3.26	0.00171	PASS
					10	-15.41	-0.00808	PASS
					20	-10.07	-0.00528	PASS
		30		-5.29	-0.00277	PASS		
		40		6.17	0.00323	PASS		
		50	2.30	0.00121	PASS			
		10	LCH	VN	-30	-7.48	-0.00403	PASS
					-20	-8.81	-0.00475	PASS
					-10	-10.36	-0.00558	PASS
					0	-7.30	-0.00394	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					10	-7.62	-0.00411	PASS								
					20	-7.42	-0.004	PASS								
					30	-9.24	-0.00498	PASS								
					40	-8.74	-0.00471	PASS								
					50	-11.04	-0.00595	PASS								
			MCH	VN				-30	-1.60	-0.00085	PASS					
								-20	-2.06	-0.0011	PASS					
								-10	-2.62	-0.00139	PASS					
								0	-1.49	-0.00079	PASS					
								10	-2.12	-0.00113	PASS					
								20	-4.84	-0.00257	PASS					
								30	-4.21	-0.00224	PASS					
								40	-2.86	-0.00152	PASS					
								50	-2.90	-0.00154	PASS					
								HCH	VN				-30	0.80	0.00042	PASS
			-20	0.00	0	PASS										
			-10	1.17	0.00061	PASS										
			0	1.79	0.00094	PASS										
			10	2.66	0.0014	PASS										
			20	-0.26	-0.00014	PASS										
			30	0.50	0.00026	PASS										
			40	1.76	0.00092	PASS										
			LCH	VN	15			-30	-0.60	-0.00032	PASS					
								-20	-12.85	-0.00692	PASS					
								-10	-16.51	-0.00889	PASS					
								0	-15.61	-0.0084	PASS					
								10	-70.04	-0.03771	PASS					
								20	-12.37	-0.00666	PASS					
								30	-11.64	-0.00627	PASS					
								40	-10.63	-0.00572	PASS					
								50	-7.74	-0.00417	PASS					
								MCH	VN				-30	-2.37	-0.00126	PASS
													-20	-3.30	-0.00176	PASS
													-10	-0.87	-0.00046	PASS
													0	-2.16	-0.00115	PASS
													10	-0.49	-0.00026	PASS
													20	0.90	0.00048	PASS
			30	0.36	0.00019	PASS										



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	3.60	0.00191	PASS
					50	1.60	0.00085	PASS
			HCH	VN	-30	-17.71	-0.00931	PASS
					-20	-19.56	-0.01028	PASS
					-10	-13.89	-0.0073	PASS
					0	-16.04	-0.00843	PASS
					10	-15.58	-0.00819	PASS
					20	-14.22	-0.00747	PASS
					30	-12.29	-0.00646	PASS
					40	-11.77	-0.00619	PASS
					50	-10.96	-0.00576	PASS
					LCH	VN	-30	-3.92
		-20	-1.30	-0.0007			PASS	
		-10	-1.53	-0.00082			PASS	
		0	5.98	0.00322			PASS	
		10	3.59	0.00193			PASS	
		20	-1.85	-0.00099			PASS	
		30	-45.05	-0.02422			PASS	
		40	-47.21	-0.02538			PASS	
		MCH	VN	50	-24.66	-0.01326	PASS	
				-30	-0.17	-0.00009	PASS	
				-20	-0.43	-0.00023	PASS	
				-10	-0.01	-0.00001	PASS	
				0	-2.56	-0.00136	PASS	
				10	0.14	0.00007	PASS	
				20	-13.40	-0.00713	PASS	
				30	-11.53	-0.00613	PASS	
		HCH	VN	40	-16.61	-0.00884	PASS	
				50	-14.75	-0.00785	PASS	
				-30	-13.10	-0.00689	PASS	
				-20	-11.03	-0.00581	PASS	
				-10	-9.86	-0.00519	PASS	
0	-9.30			-0.00489	PASS			
10	-10.33			-0.00544	PASS			
20	-9.78			-0.00515	PASS			
		20			30	-8.48	-0.00446	PASS
					40	-9.61	-0.00506	PASS
					50	-6.88	-0.00362	PASS
BAND4	LTE/TM1	1.4	LCH	VN	-30	-8.23	-0.00481	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-5.85	-0.00342	PASS	
					-10	-3.29	-0.00192	PASS	
					0	-4.28	-0.0025	PASS	
					10	-3.19	-0.00186	PASS	
					20	-5.46	-0.00319	PASS	
					30	-5.78	-0.00338	PASS	
					40	-5.68	-0.00332	PASS	
					50	-3.26	-0.00191	PASS	
			MCH	VN	-30	-1.97	-0.00114	PASS	
					-20	3.65	0.00211	PASS	
					-10	-0.82	-0.00047	PASS	
					0	2.99	0.00173	PASS	
					10	2.37	0.00137	PASS	
					20	5.16	0.00298	PASS	
					30	2.76	0.00159	PASS	
					40	0.66	0.00038	PASS	
			HCH	VN	-30	-3.22	-0.00184	PASS	
					-20	-3.20	-0.00182	PASS	
					-10	-2.70	-0.00154	PASS	
					0	-5.08	-0.0029	PASS	
					10	-4.22	-0.00241	PASS	
					20	-4.41	-0.00251	PASS	
					30	-3.12	-0.00178	PASS	
					40	-4.66	-0.00266	PASS	
			3	LCH	VN	-30	-2.10	-0.00123	PASS
						-20	-2.89	-0.00169	PASS
						-10	-4.12	-0.00241	PASS
						0	-1.00	-0.00058	PASS
		10				-2.79	-0.00163	PASS	
		20				-3.09	-0.00181	PASS	
		30				-1.04	-0.00061	PASS	
		40				-2.92	-0.00171	PASS	
		MCH		VN	-30	2.32	0.00134	PASS	
					-20	0.37	0.00021	PASS	
					-10	2.10	0.00121	PASS	
					0	4.11	0.00237	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.17	0.00068	PASS
					20	2.63	0.00152	PASS
					30	2.45	0.00141	PASS
					40	1.69	0.00098	PASS
					50	2.00	0.00115	PASS
			HCH	VN	-30	-7.18	-0.00409	PASS
					-20	-5.89	-0.00336	PASS
					-10	-6.04	-0.00344	PASS
					0	-4.56	-0.0026	PASS
					10	-6.87	-0.00392	PASS
					20	-7.85	-0.00448	PASS
					30	-5.71	-0.00326	PASS
					40	-5.95	-0.00339	PASS
					50	-7.87	-0.00449	PASS
					LCH	VN	-30	-6.04
		-20	-6.35	-0.00371			PASS	
		-10	-5.25	-0.00307			PASS	
		0	-5.31	-0.0031			PASS	
		10	-5.98	-0.00349			PASS	
		20	-6.38	-0.00373			PASS	
		30	-5.15	-0.00301			PASS	
		40	-5.24	-0.00306			PASS	
		MCH	VN	-30	1.09	0.00063	PASS	
				-20	0.17	0.0001	PASS	
				-10	-1.24	-0.00072	PASS	
				0	-0.07	-0.00004	PASS	
				10	0.67	0.00039	PASS	
				20	1.19	0.00069	PASS	
				30	1.07	0.00062	PASS	
				40	2.37	0.00137	PASS	
		HCH	VN	50	1.75	0.00101	PASS	
				-30	-3.89	-0.00222	PASS	
				-20	-4.96	-0.00283	PASS	
-10	-4.66			-0.00266	PASS			
0	-3.76			-0.00215	PASS			
10	-2.90			-0.00165	PASS			
20	-4.22			-0.00241	PASS			
30	-7.11	-0.00406	PASS					
5								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					40	-3.45	-0.00197	PASS			
					50	-2.22	-0.00127	PASS			
		10	LCH	VN	-30	0.39	0.00023	PASS			
					-20	1.24	0.00072	PASS			
					-10	-0.80	-0.00047	PASS			
					0	-0.63	-0.00037	PASS			
					10	3.33	0.00194	PASS			
					20	0.03	0.00002	PASS			
					30	1.37	0.0008	PASS			
					40	0.46	0.00027	PASS			
					50	2.52	0.00147	PASS			
					-30	0.51	0.00029	PASS			
					-20	0.97	0.00056	PASS			
					-10	2.25	0.0013	PASS			
					0	1.00	0.00058	PASS			
					10	3.46	0.002	PASS			
					20	0.24	0.00014	PASS			
					30	0.87	0.0005	PASS			
					40	-0.24	-0.00014	PASS			
					50	0.86	0.0005	PASS			
		10	MCH	VN	-30	2.68	0.00153	PASS			
					-20	2.49	0.00142	PASS			
					-10	2.36	0.00135	PASS			
					0	1.46	0.00083	PASS			
					10	3.99	0.00228	PASS			
					20	2.33	0.00133	PASS			
					30	2.27	0.0013	PASS			
					40	3.82	0.00218	PASS			
					50	2.80	0.0016	PASS			
					15	LCH	VN	-30	-8.65	-0.00504	PASS
		-20	-6.74	-0.00392				PASS			
		-10	-5.89	-0.00343				PASS			
		0	-7.85	-0.00457				PASS			
		10	-6.28	-0.00366				PASS			
		20	-8.33	-0.00485				PASS			
		30	-7.68	-0.00447				PASS			
		40	-5.91	-0.00344				PASS			
		50	-7.01	-0.00408				PASS			
		15	MCH	VN				-30	1.13	0.00065	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	1.99	0.00115	PASS		
					-10	2.25	0.0013	PASS		
					0	1.30	0.00075	PASS		
					10	1.03	0.00059	PASS		
					20	-0.41	-0.00024	PASS		
					30	1.14	0.00066	PASS		
					40	1.20	0.00069	PASS		
					50	2.37	0.00137	PASS		
			HCH	VN	-30	-4.19	-0.0024	PASS		
					-20	-3.08	-0.00176	PASS		
					-10	-2.85	-0.00163	PASS		
					0	-3.91	-0.00224	PASS		
					10	-2.60	-0.00149	PASS		
					20	-2.88	-0.00165	PASS		
					30	-4.06	-0.00232	PASS		
					40	-3.82	-0.00219	PASS		
			LCH	VN	-30	-0.90	-0.00052	PASS		
					-20	-3.96	-0.0023	PASS		
					-10	-3.26	-0.0019	PASS		
					0	-3.33	-0.00194	PASS		
		10			-2.39	-0.00139	PASS			
		20			-2.47	-0.00144	PASS			
		30			-4.33	-0.00252	PASS			
		40			-4.29	-0.00249	PASS			
		MCH	VN	-30	-0.92	-0.00053	PASS			
				-20	-1.12	-0.00065	PASS			
				-10	-1.52	-0.00088	PASS			
				0	-1.42	-0.00082	PASS			
				10	-2.68	-0.00155	PASS			
				20	-3.62	-0.00209	PASS			
				30	-1.75	-0.00101	PASS			
				40	-3.06	-0.00177	PASS			
		HCH	VN	-30	0.89	0.00051	PASS			
				-20	-0.49	-0.00028	PASS			
				-10	1.20	0.00069	PASS			
				0	-0.24	-0.00014	PASS			
				20						



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	10	-0.07	-0.00004	PASS
					20	-0.07	-0.00004	PASS
					30	1.77	0.00101	PASS
					40	0.66	0.00038	PASS
					50	1.69	0.00097	PASS
			-30		-2.60	-0.00152	PASS	
			-20		-2.80	-0.00164	PASS	
			-10		-3.82	-0.00223	PASS	
			0		-3.92	-0.00229	PASS	
			10		-4.63	-0.00271	PASS	
			20		-7.48	-0.00437	PASS	
			30		-4.41	-0.00258	PASS	
			40		-2.62	-0.00153	PASS	
			50		-0.99	-0.00058	PASS	
			MCH		-30	0.72	0.00042	PASS
	-20	0.19		0.00011	PASS			
	-10	2.46		0.00142	PASS			
	0	2.86		0.00165	PASS			
	10	3.92		0.00226	PASS			
	20	1.47		0.00085	PASS			
	30	2.43		0.0014	PASS			
	40	1.00		0.00058	PASS			
	50	0.31		0.00018	PASS			
	HCH	-30		-1.54	-0.00088	PASS		
		-20		-5.11	-0.00291	PASS		
		-10		-5.25	-0.00299	PASS		
		0		-3.18	-0.00181	PASS		
		10		-3.46	-0.00197	PASS		
		20		-3.06	-0.00174	PASS		
		30	-3.05	-0.00174	PASS			
40		-3.63	-0.00207	PASS				
50	-3.96	-0.00226	PASS					
LCH	-30	-1.46	-0.00085	PASS				
	-20	-0.82	-0.00048	PASS				
	-10	-2.30	-0.00134	PASS				
	0	-0.66	-0.00039	PASS				
	10	-0.40	-0.00023	PASS				
	20	-1.65	-0.00096	PASS				
	30	0.67	0.00039	PASS				
3								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-1.97	-0.00115	PASS
					50	-1.87	-0.00109	PASS
			MCH	VN	-30	2.43	0.0014	PASS
					-20	-0.84	-0.00048	PASS
					-10	1.63	0.00094	PASS
					0	-0.24	-0.00014	PASS
					10	-0.59	-0.00034	PASS
					20	1.39	0.0008	PASS
					30	1.86	0.00107	PASS
					40	-0.53	-0.00031	PASS
					50	1.27	0.00073	PASS
					HCH	VN	-30	-7.24
			-20	-4.72			-0.00269	PASS
			-10	-6.25			-0.00356	PASS
			0	-4.99			-0.00285	PASS
			10	-6.05			-0.00345	PASS
			20	-7.02			-0.004	PASS
			30	-5.76			-0.00328	PASS
			40	-6.28			-0.00358	PASS
			5	LCH	VN	-30	-3.58	-0.00209
		-20				-3.53	-0.00206	PASS
		-10				-4.49	-0.00262	PASS
		0				-2.63	-0.00154	PASS
		10				-3.55	-0.00207	PASS
		20				-3.32	-0.00194	PASS
		30				-3.96	-0.00231	PASS
		40				-3.50	-0.00204	PASS
		50				-3.43	-0.002	PASS
		MCH				VN	-30	2.13
				-20	0.72		0.00042	PASS
				-10	1.46		0.00084	PASS
				0	0.99		0.00057	PASS
				10	2.02		0.00117	PASS
				20	2.15		0.00124	PASS
				30	3.29		0.0019	PASS
				40	4.08		0.00235	PASS
		HCH		VN	-30	-3.25	-0.00185	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-3.72	-0.00212	PASS
					-10	-1.07	-0.00061	PASS
					0	-2.56	-0.00146	PASS
					10	-1.57	-0.0009	PASS
					20	-1.75	-0.001	PASS
					30	-1.99	-0.00114	PASS
					40	-1.34	-0.00076	PASS
					50	-2.05	-0.00117	PASS
		10	LCH	VN	-30	-1.37	-0.0008	PASS
					-20	2.72	0.00159	PASS
					-10	-0.33	-0.00019	PASS
					0	-0.26	-0.00015	PASS
					10	1.99	0.00116	PASS
					20	-1.43	-0.00083	PASS
					30	-0.87	-0.00051	PASS
					40	1.10	0.00064	PASS
			50		-1.13	-0.00066	PASS	
			MCH		-30	1.97	0.00114	PASS
					-20	3.32	0.00192	PASS
					-10	2.60	0.0015	PASS
					0	1.20	0.00069	PASS
					10	1.59	0.00092	PASS
					20	1.89	0.00109	PASS
					30	0.83	0.00048	PASS
					40	0.62	0.00036	PASS
			50		2.56	0.00148	PASS	
			HCH		-30	0.59	0.00034	PASS
					-20	6.88	0.00393	PASS
		-10		3.58	0.00205	PASS		
		0		3.98	0.00227	PASS		
		10		1.46	0.00083	PASS		
		20		2.80	0.0016	PASS		
		30		2.85	0.00163	PASS		
		40		3.72	0.00213	PASS		
		50	2.33	0.00133	PASS			
		15	LCH	VN	-30	-6.51	-0.00379	PASS
					-20	-8.25	-0.0048	PASS
					-10	-7.45	-0.00434	PASS
					0	-5.28	-0.00307	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-7.25	-0.00422	PASS		
					20	-5.54	-0.00323	PASS		
					30	-5.85	-0.00341	PASS		
					40	-8.68	-0.00505	PASS		
					50	-7.58	-0.00441	PASS		
			MCH		-30	0.79	0.00046	PASS		
					-20	1.32	0.00076	PASS		
					-10	2.03	0.00117	PASS		
					0	3.20	0.00185	PASS		
					10	-1.24	-0.00072	PASS		
					20	0.54	0.00031	PASS		
					30	-0.29	-0.00017	PASS		
					40	2.37	0.00137	PASS		
					50	-0.66	-0.00038	PASS		
			HCH		-30	-3.79	-0.00217	PASS		
					-20	-2.85	-0.00163	PASS		
					-10	-2.53	-0.00145	PASS		
					0	-3.22	-0.00184	PASS		
					10	-4.26	-0.00244	PASS		
					20	-3.69	-0.00211	PASS		
					30	-2.09	-0.0012	PASS		
					40	-2.30	-0.00132	PASS		
			20		LCH	-30	-0.67	-0.00039	PASS	
						-20	-4.48	-0.0026	PASS	
		-10		-3.36		-0.00195	PASS			
		0		-5.14		-0.00299	PASS			
		10		-3.56		-0.00207	PASS			
		20		-3.33		-0.00194	PASS			
		MCH		30	-3.73	-0.00217	PASS			
				40	-4.09	-0.00238	PASS			
				50	-2.78	-0.00162	PASS			
				-30	-0.72	-0.00042	PASS			
				-20	-0.16	-0.00009	PASS			
				-10	0.36	0.00021	PASS			
							0	-0.51	-0.00029	PASS
							10	-2.69	-0.00155	PASS
20	-0.73						-0.00042	PASS		
					30	-0.67	-0.00039	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-3.00	-0.00173	PASS
					50	0.14	0.00008	PASS
			HCH	VN	-30	-0.39	-0.00022	PASS
					-20	1.79	0.00103	PASS
					-10	1.27	0.00073	PASS
					0	0.00	0	PASS
					10	0.43	0.00025	PASS
					20	0.51	0.00029	PASS
					30	2.63	0.00151	PASS
					40	3.91	0.00224	PASS
					50	1.76	0.00101	PASS
BAND7	LTE/TM1	5	LCH	VN	-30	-18.58	-0.00742	PASS
					-20	-19.24	-0.00769	PASS
					-10	-2.03	-0.00081	PASS
					0	-10.44	-0.00417	PASS
					10	2.72	0.00109	PASS
					20	-20.59	-0.00823	PASS
					30	-13.98	-0.00559	PASS
					40	-6.72	-0.00269	PASS
					50	-2.50	-0.001	PASS
			MCH	VN	-30	-6.95	-0.00274	PASS
					-20	6.94	0.00274	PASS
					-10	-14.63	-0.00577	PASS
					0	-2.05	-0.00081	PASS
					10	9.43	0.00372	PASS
					20	-12.02	-0.00474	PASS
					30	-7.12	-0.00281	PASS
					40	0.43	0.00017	PASS
					50	7.88	0.00311	PASS
		HCH	VN	-30	2.99	0.00116	PASS	
				-20	10.76	0.00419	PASS	
				-10	-10.93	-0.00426	PASS	
				0	-0.56	-0.00022	PASS	
				10	13.26	0.00516	PASS	
				20	-5.95	-0.00232	PASS	
				30	-6.54	-0.00255	PASS	
				40	0.43	0.00017	PASS	
				50	5.56	0.00217	PASS	
		10	LCH	VN	-30	-13.20	-0.00527	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	8.24	0.00329	PASS	
					-10	-8.47	-0.00338	PASS	
					0	11.63	0.00464	PASS	
					10	-3.62	-0.00145	PASS	
					20	-20.36	-0.00813	PASS	
					30	1.23	0.00049	PASS	
					40	-13.03	-0.0052	PASS	
					50	3.15	0.00126	PASS	
			MCH	VN	-30	5.21	0.00206	PASS	
					-20	8.28	0.00327	PASS	
					-10	-11.42	-0.0045	PASS	
					0	-20.07	-0.00792	PASS	
					10	-19.88	-0.00784	PASS	
					20	-19.67	-0.00776	PASS	
					30	-17.41	-0.00687	PASS	
					40	-13.40	-0.00529	PASS	
			HCH	VN	-30	7.52	0.00293	PASS	
					-20	6.64	0.00259	PASS	
					-10	-19.98	-0.00779	PASS	
					0	-18.41	-0.00718	PASS	
					10	-15.71	-0.00612	PASS	
					20	-13.39	-0.00522	PASS	
					30	-6.74	-0.00263	PASS	
					40	0.34	0.00013	PASS	
			15	LCH	VN	-30	-1.37	-0.00055	PASS
						-20	5.41	0.00216	PASS
						-10	-0.14	-0.00006	PASS
						0	-5.29	-0.00211	PASS
		10				6.29	0.00251	PASS	
		20				-0.03	-0.00001	PASS	
		30				1.24	0.00049	PASS	
		40				-3.79	-0.00151	PASS	
		MCH		VN	-30	0.20	0.00008	PASS	
					-20	-14.49	-0.00572	PASS	
					-10	7.47	0.00295	PASS	
					0	-6.42	-0.00253	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-17.27	-0.00681	PASS		
					20	3.49	0.00138	PASS		
					30	-9.33	-0.00368	PASS		
					40	-1.46	-0.00058	PASS		
					50	-0.40	-0.00016	PASS		
			HCH	VN	-30	-16.98	-0.00663	PASS		
					-20	-20.64	-0.00805	PASS		
					-10	-24.73	-0.00965	PASS		
					0	-24.30	-0.00948	PASS		
					10	-23.39	-0.00913	PASS		
					20	3.40	0.00133	PASS		
					30	-3.02	-0.00118	PASS		
					40	-6.85	-0.00267	PASS		
					50	-12.50	-0.00488	PASS		
			LCH	VN	-30	-14.91	-0.00594	PASS		
					-20	-15.19	-0.00605	PASS		
					-10	-3.42	-0.00136	PASS		
					0	-12.57	-0.00501	PASS		
		10			-11.82	-0.00471	PASS			
		20			-6.68	-0.00266	PASS			
		30			-12.22	-0.00487	PASS			
		40			-21.59	-0.0086	PASS			
		50			-7.40	-0.00295	PASS			
		MCH			VN	-30	0.66	0.00026	PASS	
			-20	2.90		0.00114	PASS			
			-10	-0.86		-0.00034	PASS			
			0	-4.02		-0.00159	PASS			
			10	-9.51		-0.00375	PASS			
			20	-12.92		-0.0051	PASS			
			30	-17.45		-0.00688	PASS			
			40	-21.21		-0.00837	PASS			
			50	-22.53		-0.00889	PASS			
		HCH	VN	-30	-13.85	-0.00541	PASS			
				-20	-14.83	-0.00579	PASS			
				-10	-10.69	-0.00418	PASS			
				0	-3.25	-0.00127	PASS			
				10	-16.71	-0.00653	PASS			
				20	-12.02	-0.0047	PASS			
				30	8.33	0.00325	PASS			
		20					-30	-14.91	-0.00594	PASS
							-20	-15.19	-0.00605	PASS
							-10	-3.42	-0.00136	PASS
0	-12.57						-0.00501	PASS		
10	-11.82						-0.00471	PASS		
20	-6.68						-0.00266	PASS		
30	-12.22						-0.00487	PASS		
40	-21.59						-0.0086	PASS		
50	-7.40						-0.00295	PASS		
-30	0.66						0.00026	PASS		
-20	2.90	0.00114	PASS							
-10	-0.86	-0.00034	PASS							
0	-4.02	-0.00159	PASS							
10	-9.51	-0.00375	PASS							
20	-12.92	-0.0051	PASS							
30	-17.45	-0.00688	PASS							
40	-21.21	-0.00837	PASS							
50	-22.53	-0.00889	PASS							
-30	-13.85	-0.00541	PASS							
-20	-14.83	-0.00579	PASS							
-10	-10.69	-0.00418	PASS							
0	-3.25	-0.00127	PASS							
10	-16.71	-0.00653	PASS							
20	-12.02	-0.0047	PASS							
30	8.33	0.00325	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	40	8.80	0.00344	PASS		
					50	6.68	0.00261	PASS		
					-30	-22.50	-0.00899	PASS		
					-20	-24.38	-0.00974	PASS		
					-10	-14.02	-0.0056	PASS		
					0	-4.41	-0.00176	PASS		
					10	-20.57	-0.00822	PASS		
					20	-1.27	-0.00051	PASS		
					30	-21.39	-0.00855	PASS		
					40	-5.81	-0.00232	PASS		
					50	-16.67	-0.00666	PASS		
					MCH	VN	-30	-5.98	-0.00236	PASS
			-20	8.50			0.00335	PASS		
			-10	-6.68			-0.00264	PASS		
			0	-12.87			-0.00508	PASS		
			10	-2.62			-0.00103	PASS		
			20	-6.62			-0.00261	PASS		
			30	-0.64			-0.00025	PASS		
			40	-15.82			-0.00624	PASS		
			50	2.68			0.00106	PASS		
			HCH	VN			-30	-6.69	-0.00261	PASS
							-20	5.75	0.00224	PASS
							-10	-1.16	-0.00045	PASS
					0	-6.39	-0.00249	PASS		
		10			5.11	0.00199	PASS			
		20			12.80	0.00499	PASS			
		30			-11.04	-0.0043	PASS			
		40			1.59	0.00062	PASS			
		10	LCH	VN	-30	-0.03	-0.00001	PASS		
					-20	-9.63	-0.00384	PASS		
					-10	-20.01	-0.00799	PASS		
					0	8.37	0.00334	PASS		
					10	2.16	0.00086	PASS		
					20	-3.98	-0.00159	PASS		
					30	-12.16	-0.00485	PASS		
					40	-14.69	-0.00586	PASS		
					50	5.85	0.00234	PASS		
					MCH	VN	-30	-0.24	-0.00009	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-7.34	-0.0029	PASS		
					-10	-10.80	-0.00426	PASS		
					0	-12.47	-0.00492	PASS		
					10	-14.66	-0.00578	PASS		
					20	-17.42	-0.00687	PASS		
					30	-18.75	-0.0074	PASS		
					40	-10.00	-0.00394	PASS		
					50	-7.48	-0.00295	PASS		
			HCH	VN	-30	-3.91	-0.00152	PASS		
					-20	-2.93	-0.00114	PASS		
					-10	-0.69	-0.00027	PASS		
					0	5.09	0.00198	PASS		
					10	8.91	0.00347	PASS		
					20	-1.76	-0.00069	PASS		
					30	-7.17	-0.0028	PASS		
					40	3.36	0.00131	PASS		
			LCH	VN	-30	0.17	0.00007	PASS		
					-20	2.33	0.00093	PASS		
					-10	-6.42	-0.00256	PASS		
					0	5.38	0.00215	PASS		
		10			3.60	0.00144	PASS			
		20			6.07	0.00242	PASS			
		30			-0.57	-0.00023	PASS			
		40			-9.03	-0.0036	PASS			
		MCH	VN	-30	-12.45	-0.00491	PASS			
				-20	1.62	0.00064	PASS			
				-10	-11.59	-0.00457	PASS			
				0	-6.69	-0.00264	PASS			
				10	3.79	0.0015	PASS			
				20	-4.05	-0.0016	PASS			
				30	-11.12	-0.00439	PASS			
				40	-15.36	-0.00606	PASS			
		HCH	VN	-30	2.13	0.00083	PASS			
				-20	-4.69	-0.00183	PASS			
				-10	-11.39	-0.00444	PASS			
				0	-15.02	-0.00586	PASS			
		15					-20	-7.34	-0.0029	PASS
							-10	-10.80	-0.00426	PASS
							0	-12.47	-0.00492	PASS
							10	-14.66	-0.00578	PASS
20	-17.42						-0.00687	PASS		
30	-18.75						-0.0074	PASS		
40	-10.00						-0.00394	PASS		
50	-7.48						-0.00295	PASS		
-30	-3.91						-0.00152	PASS		
-20	-2.93						-0.00114	PASS		
-10	-0.69						-0.00027	PASS		
0	5.09						0.00198	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-19.37	-0.00756	PASS		
					20	-20.66	-0.00806	PASS		
					30	-22.27	-0.00869	PASS		
					40	-24.30	-0.00948	PASS		
					50	-22.90	-0.00894	PASS		
		20	LCH	VN	-30	-4.84	-0.00193	PASS		
					-20	-14.05	-0.0056	PASS		
					-10	-10.20	-0.00406	PASS		
					0	-9.68	-0.00386	PASS		
					10	-7.17	-0.00286	PASS		
					20	-18.47	-0.00736	PASS		
					30	-7.62	-0.00304	PASS		
					40	-6.67	-0.00266	PASS		
					50	-23.52	-0.00937	PASS		
					MCH	VN	-30	0.92	0.00036	PASS
							-20	-4.23	-0.00167	PASS
							-10	-6.87	-0.00271	PASS
							0	-4.85	-0.00191	PASS
							10	-5.05	-0.00199	PASS
							20	-5.54	-0.00219	PASS
			30	-6.38			-0.00252	PASS		
			40	-8.00			-0.00316	PASS		
			HCH	VN	-30	-12.25	-0.00479	PASS		
					-20	-0.29	-0.00011	PASS		
					-10	14.26	0.00557	PASS		
					0	14.13	0.00552	PASS		
					10	14.32	0.00559	PASS		
					20	12.69	0.00496	PASS		
					30	9.48	0.0037	PASS		
					40	7.67	0.003	PASS		
					50	5.41	0.00211	PASS		

END