

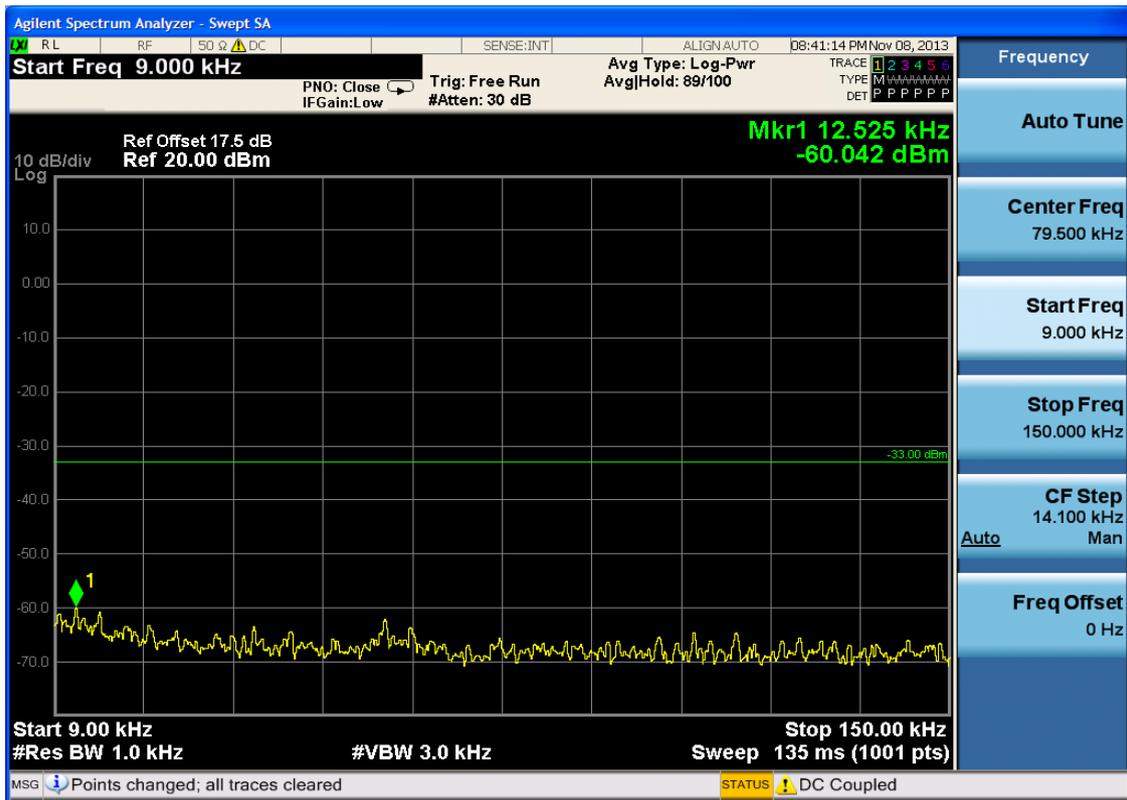


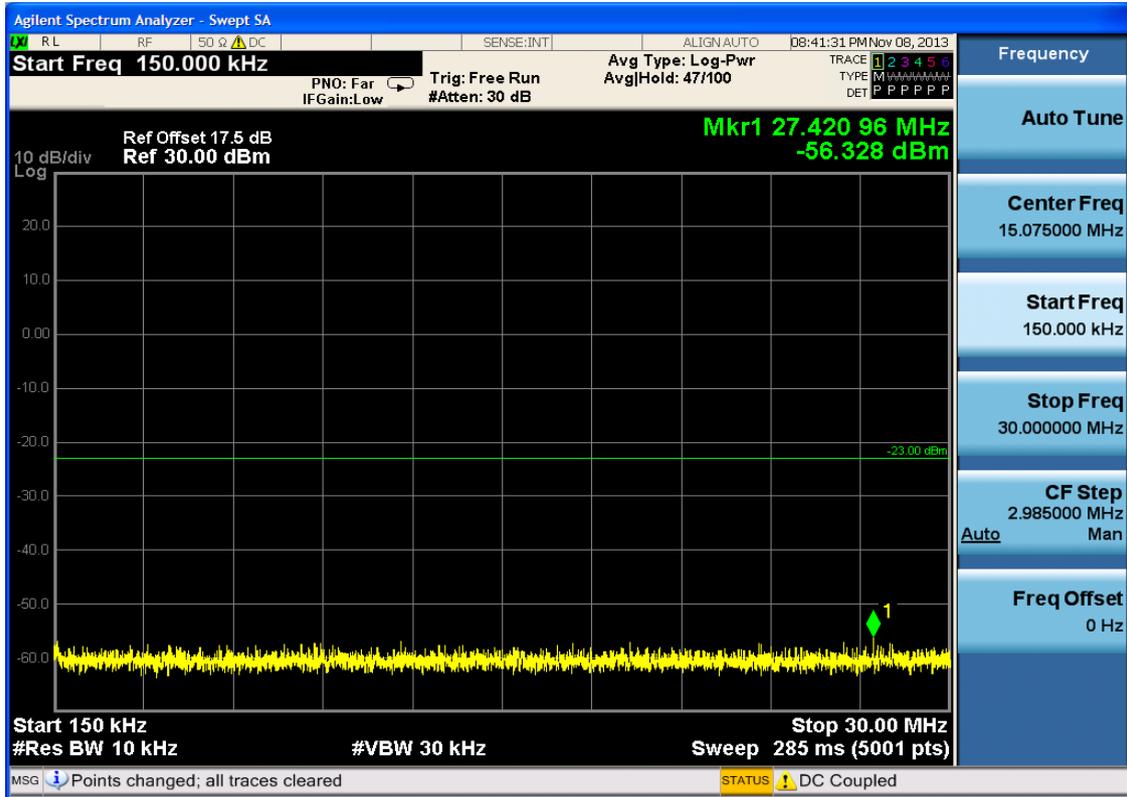
6.3.3.2 Test Mode = LTE/TM2

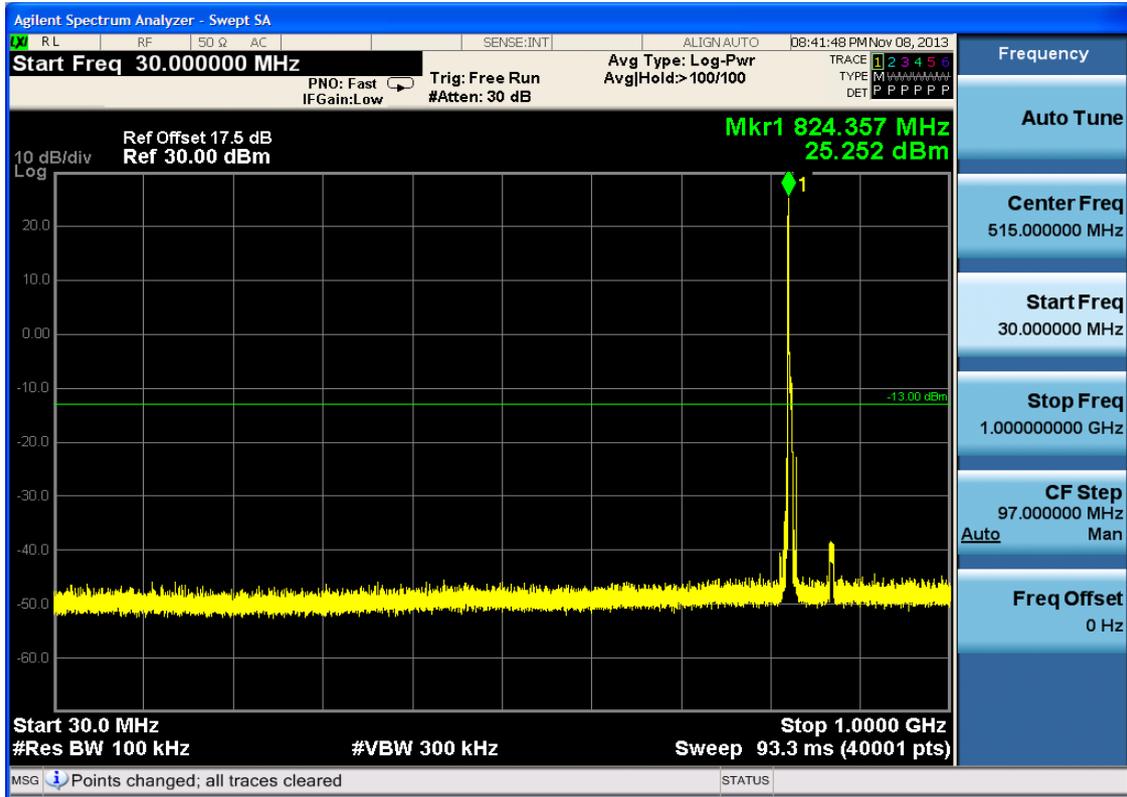
6.3.3.2.1 Test Bandwidth = 5

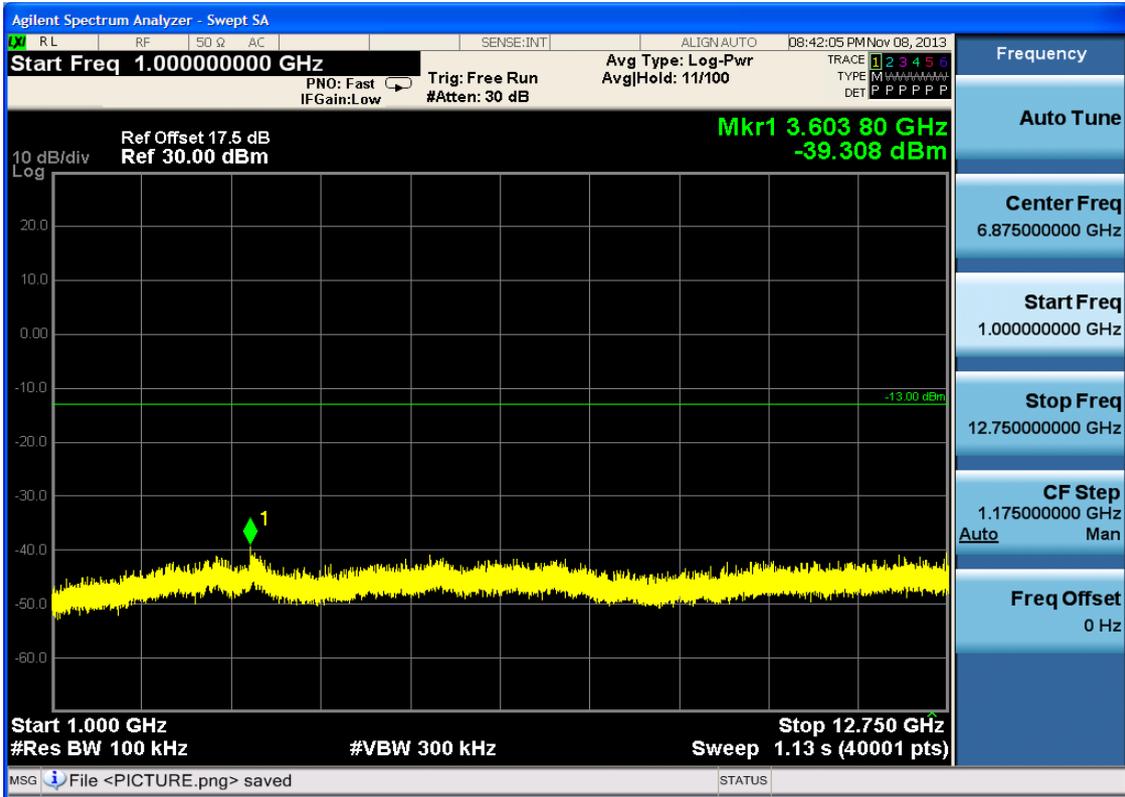
6.3.3.2.1.1 Test Channel = LCH

6.3.3.2.1.1.1 Test RB = RB1#0





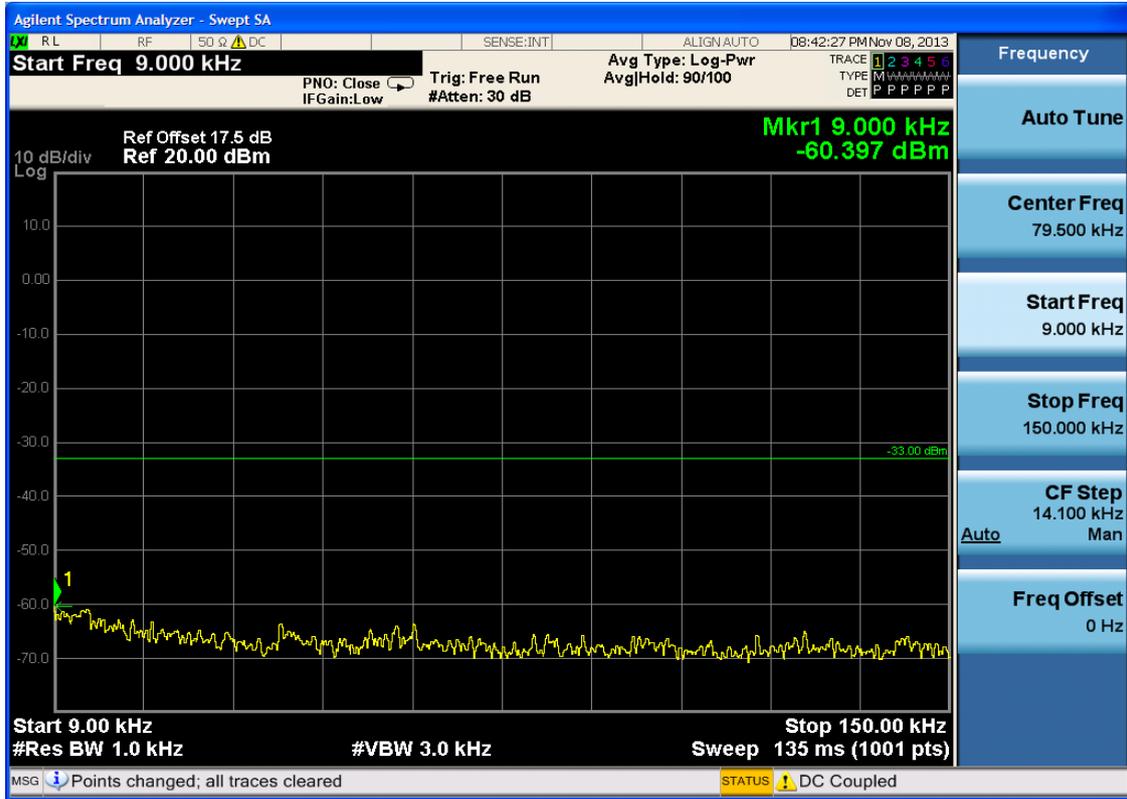


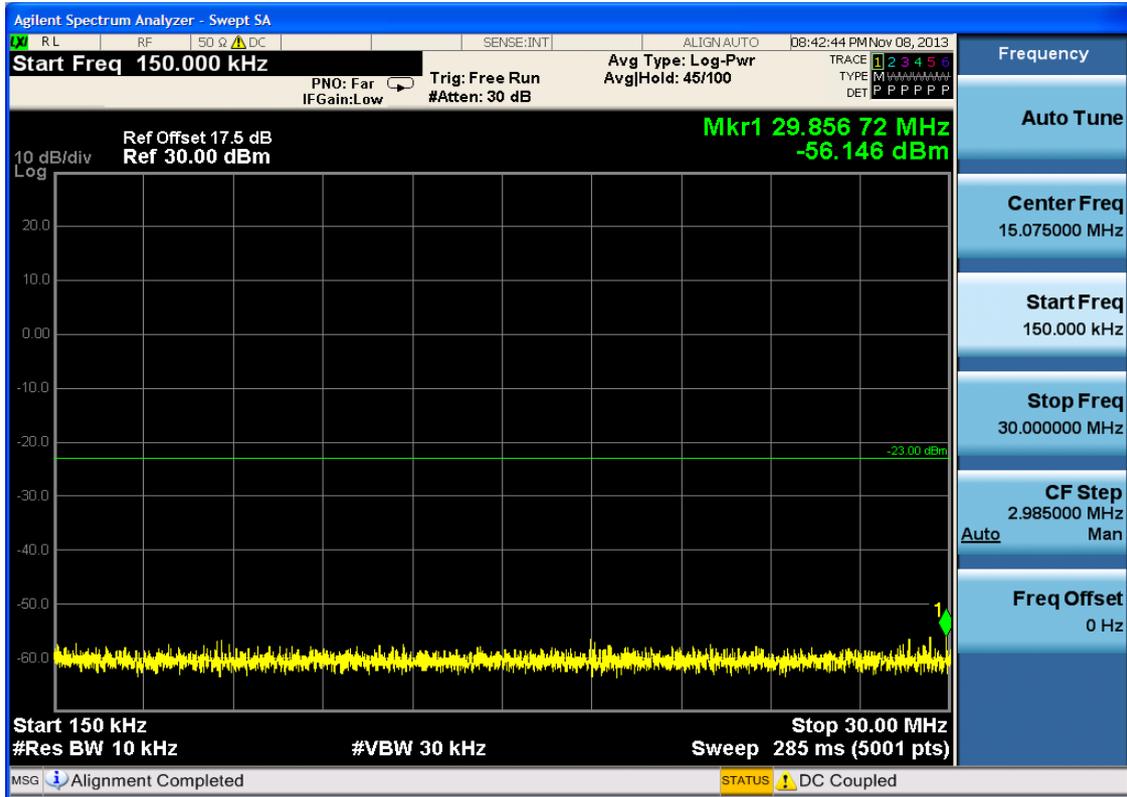


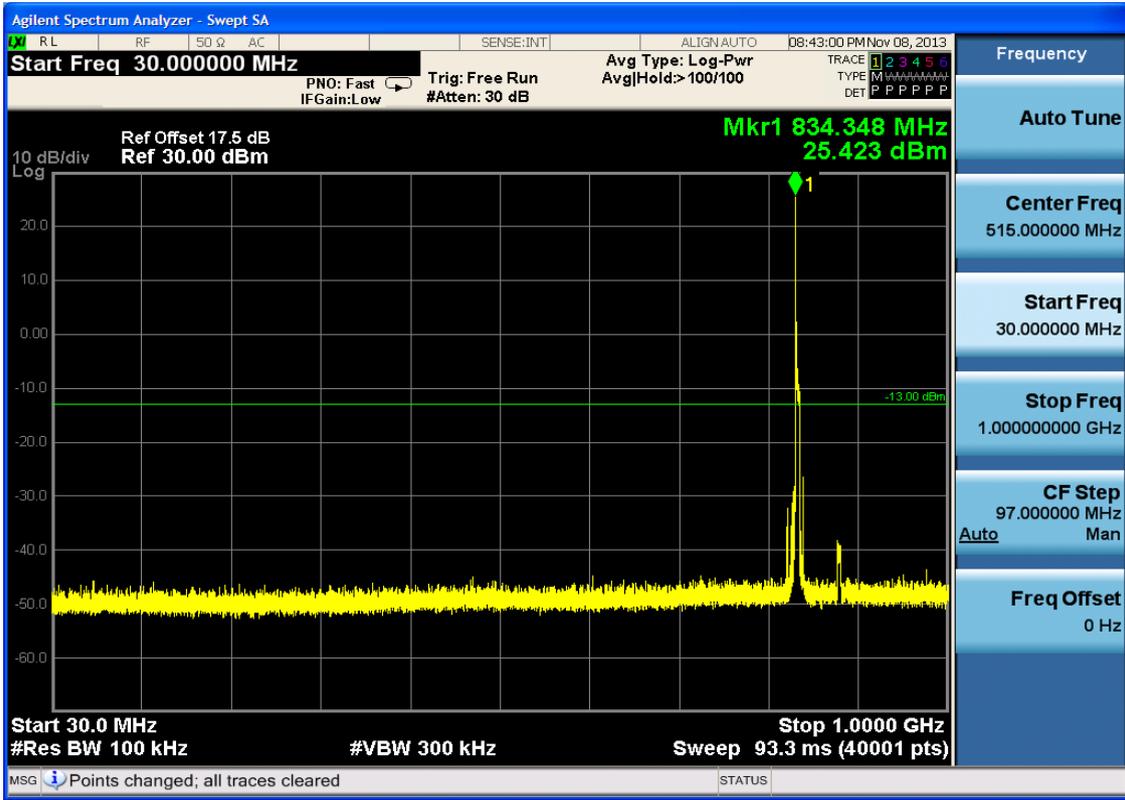


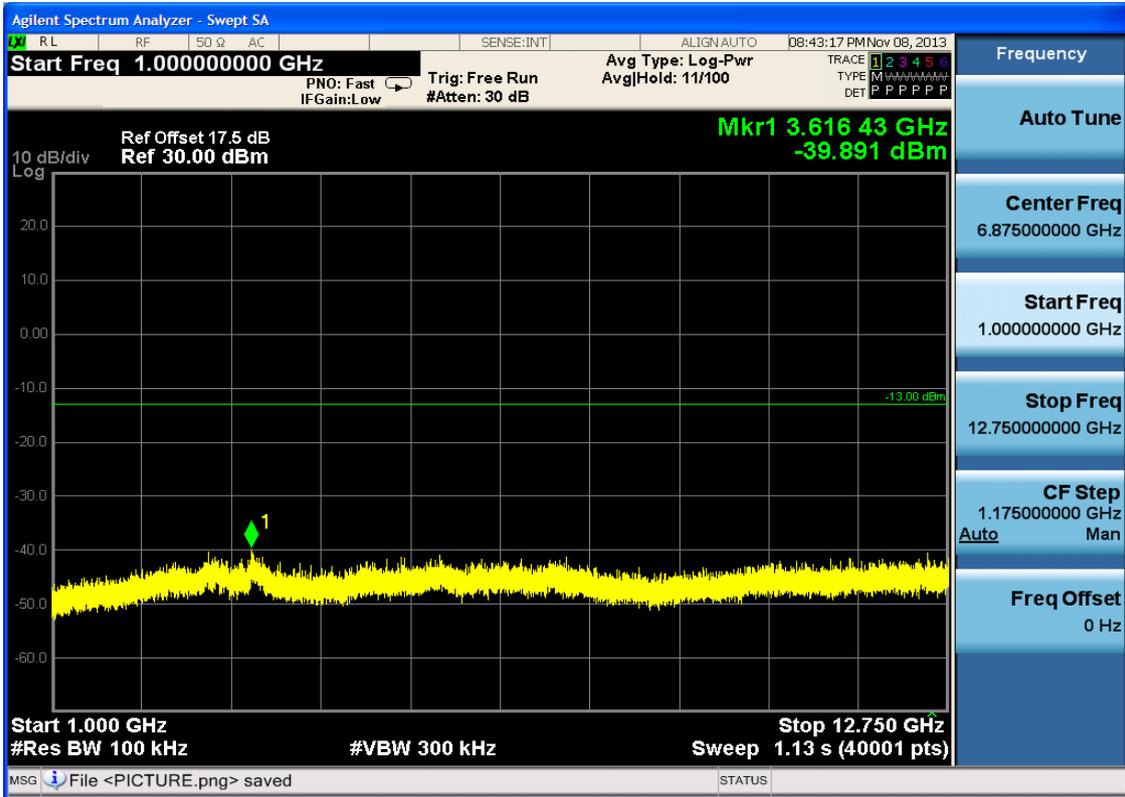
6.3.3.2.1.2 Test Channel = MCH

6.3.3.2.1.2.1 Test RB = RB1#0





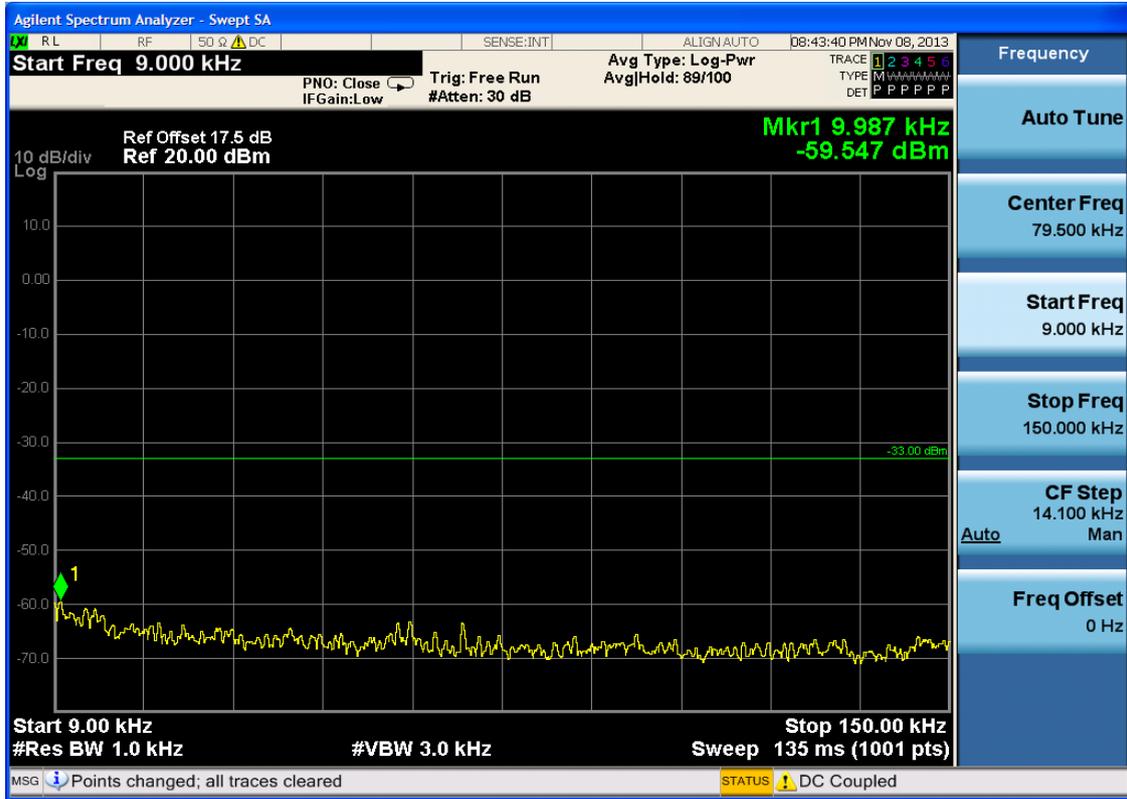


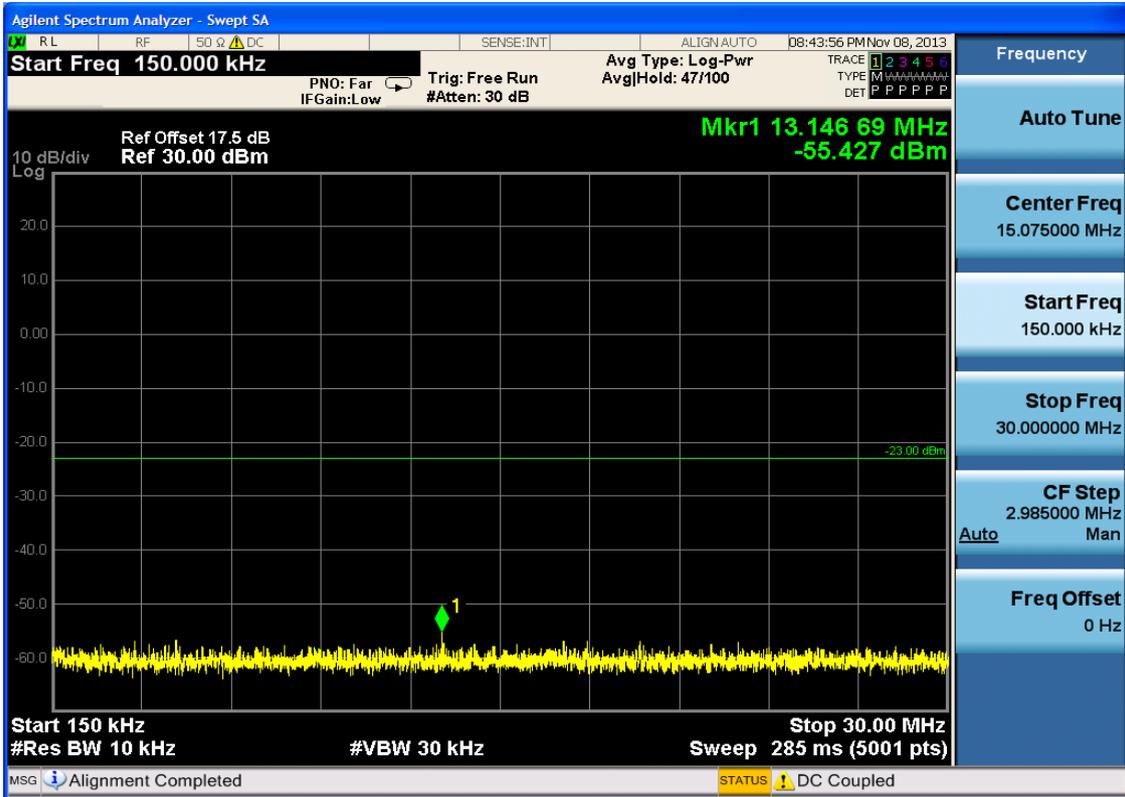


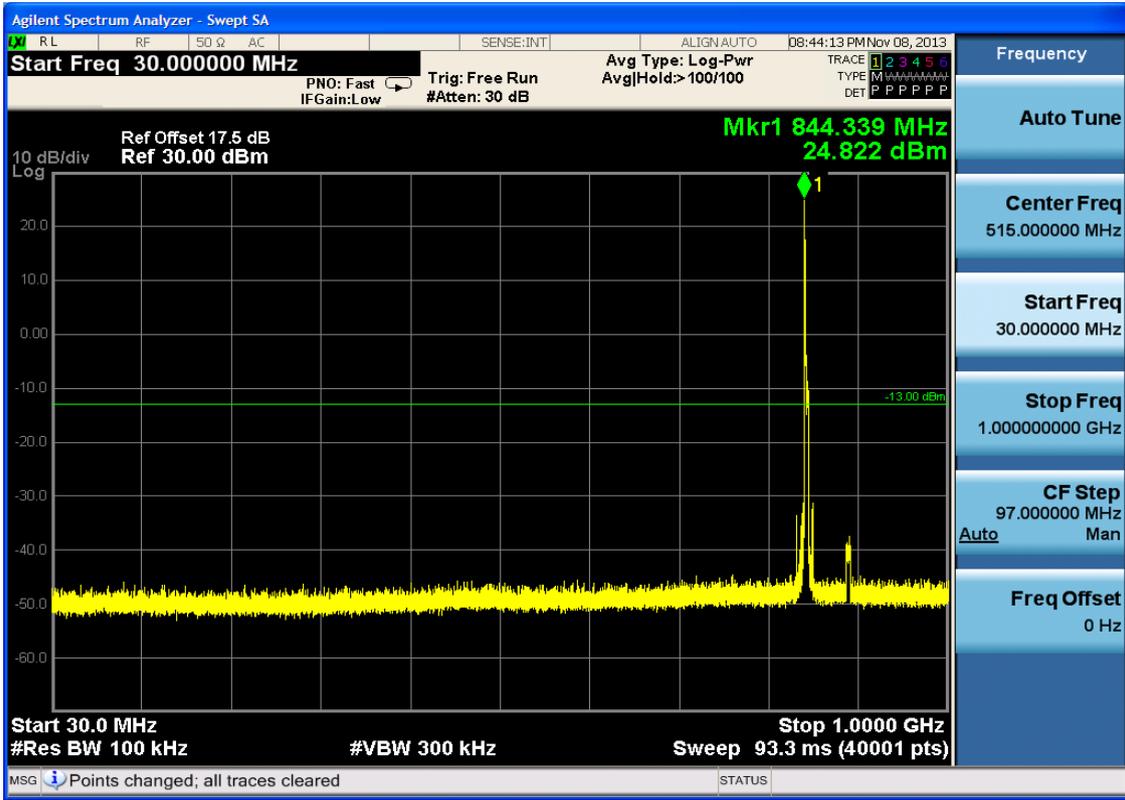


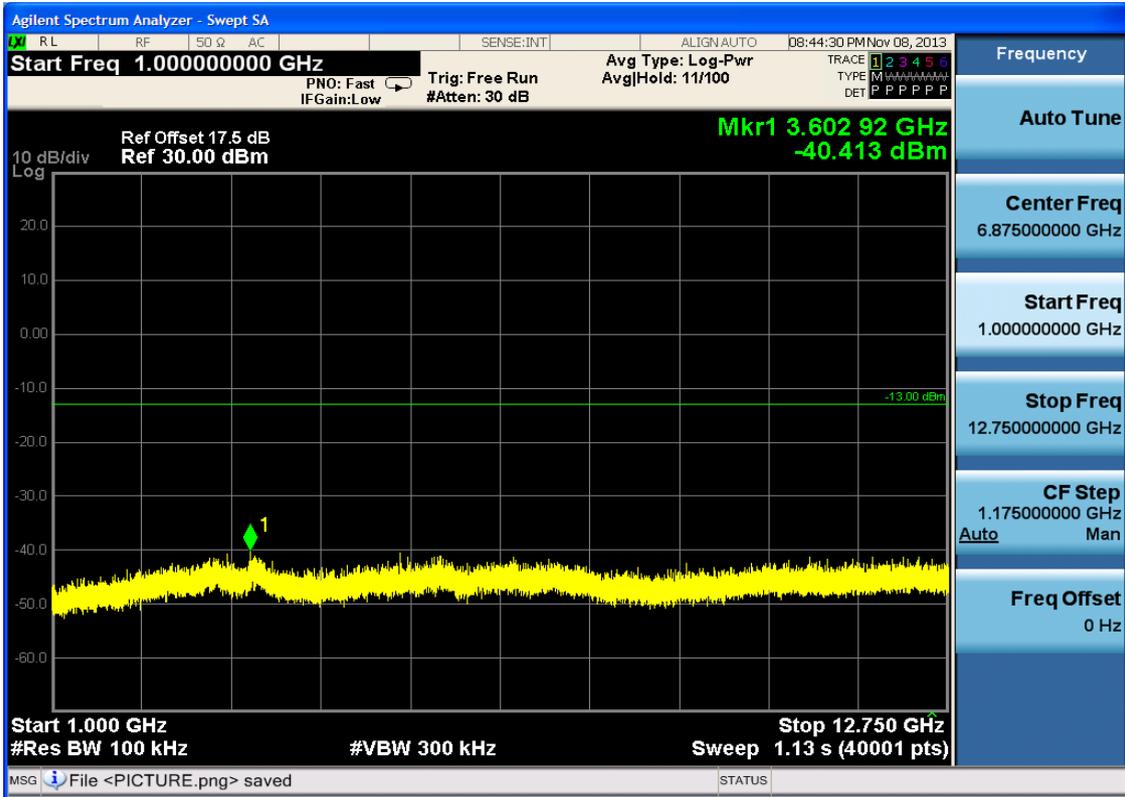
6.3.3.2.1.3 Test Channel = HCH

6.3.3.2.1.3.1 Test RB = RB1#0







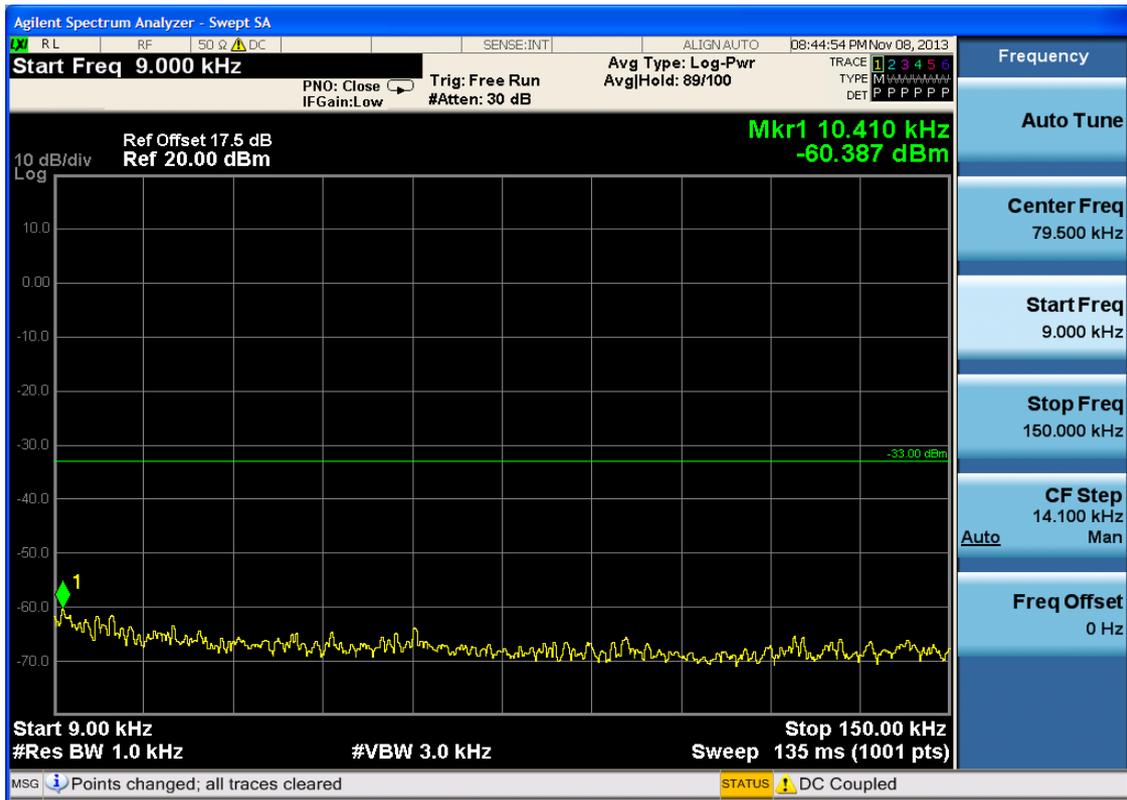


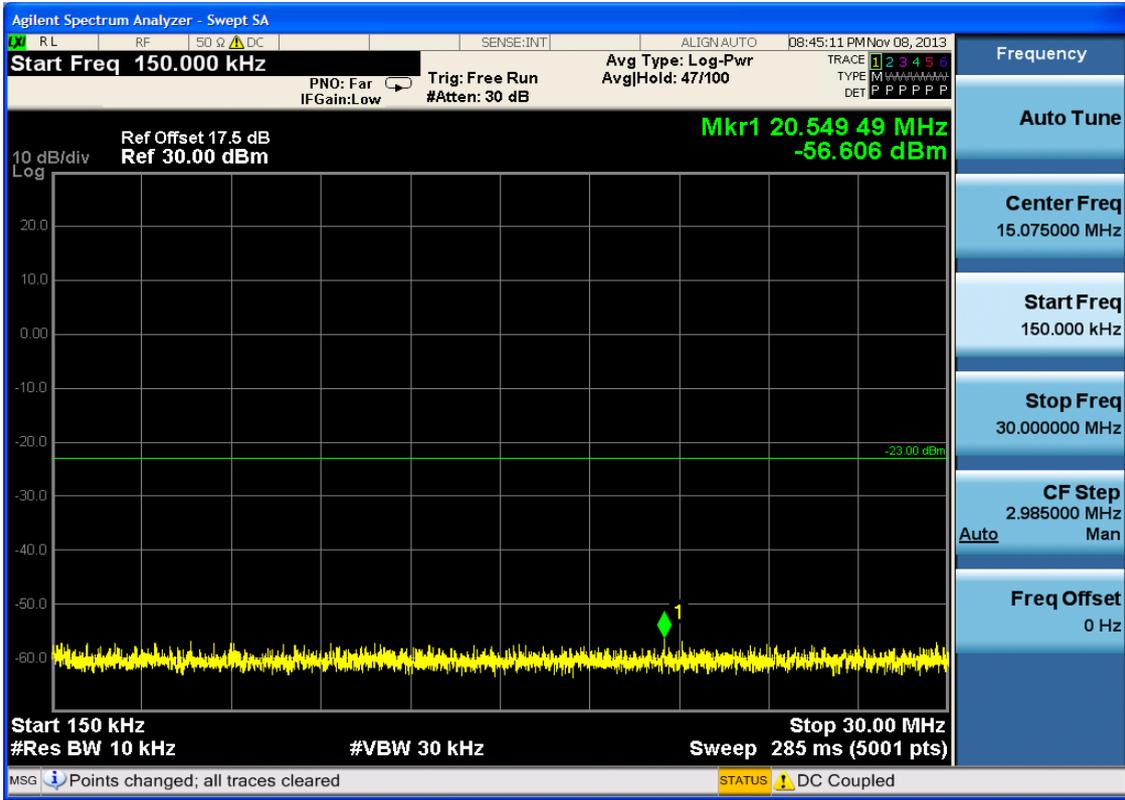


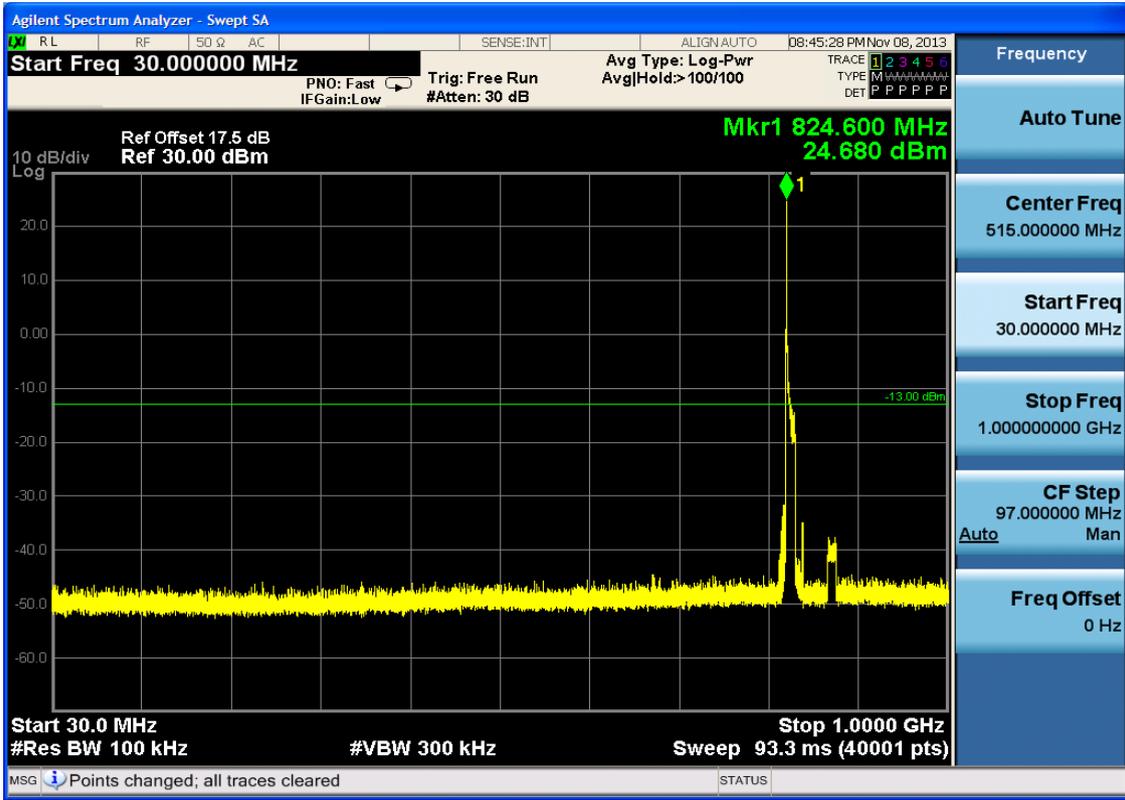
6.3.3.2.2 Test Bandwidth = 10

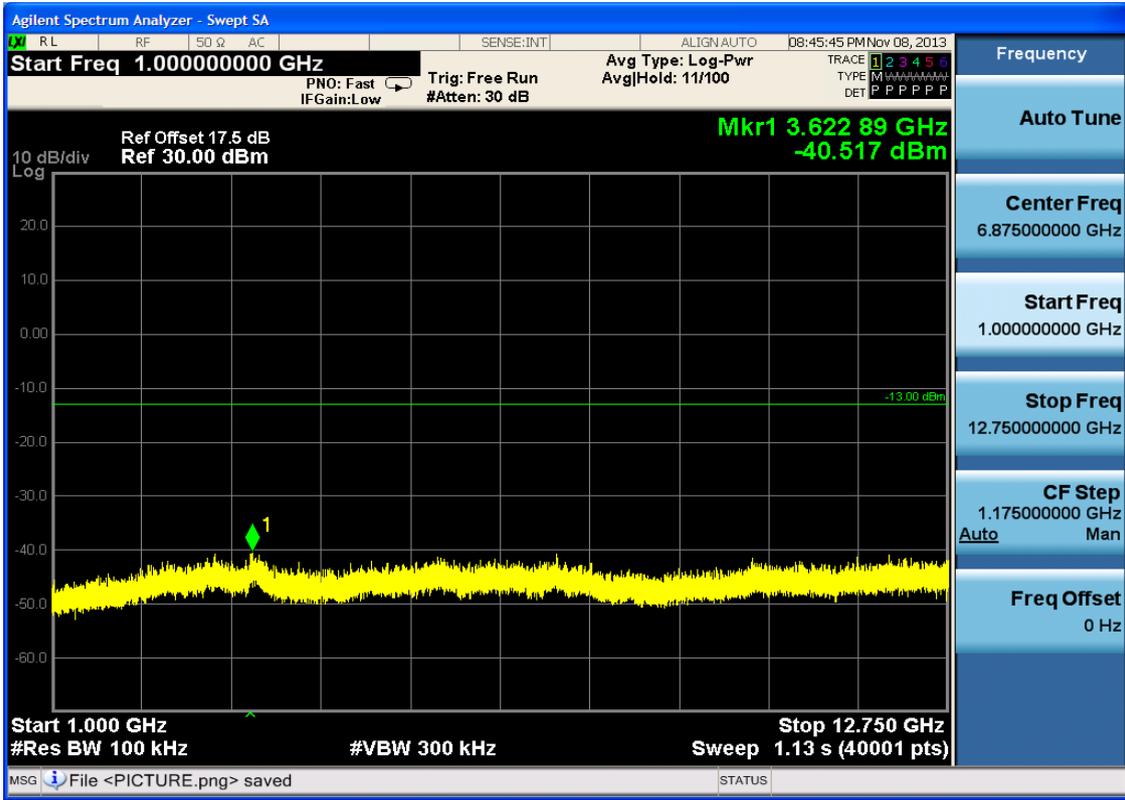
6.3.3.2.2.1 Test Channel = LCH

6.3.3.2.2.1.1 Test RB = RB1#0





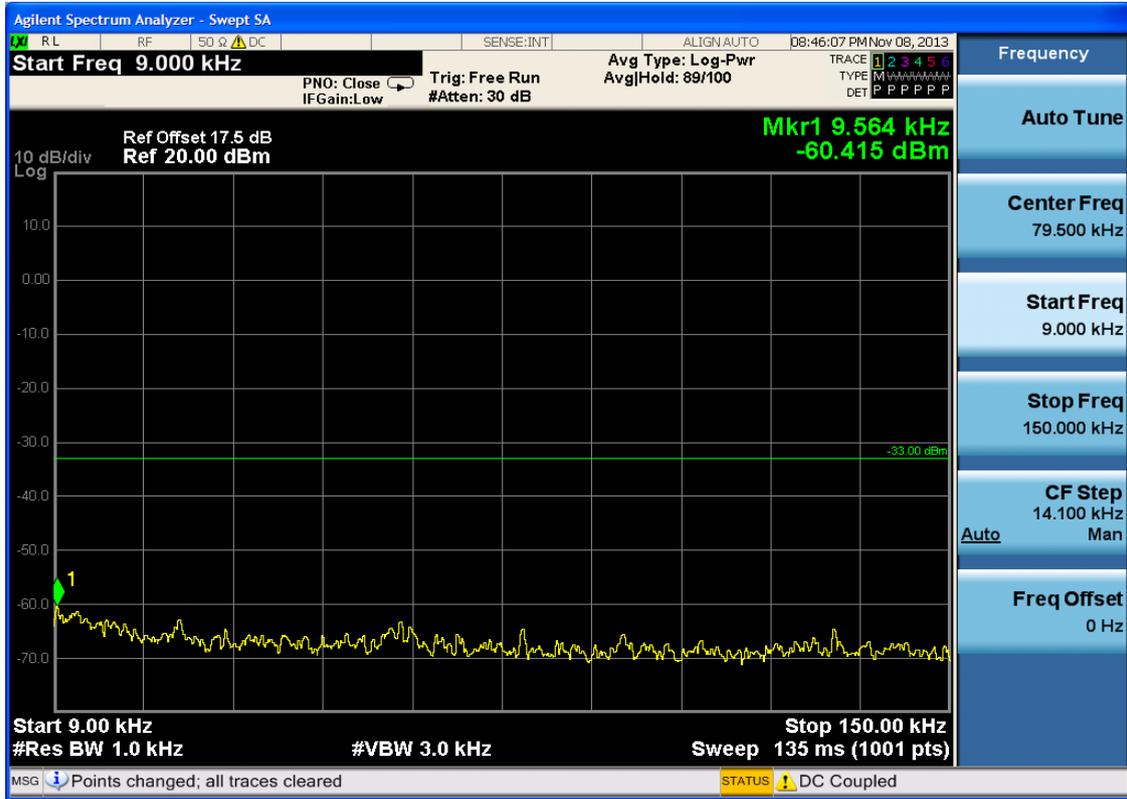


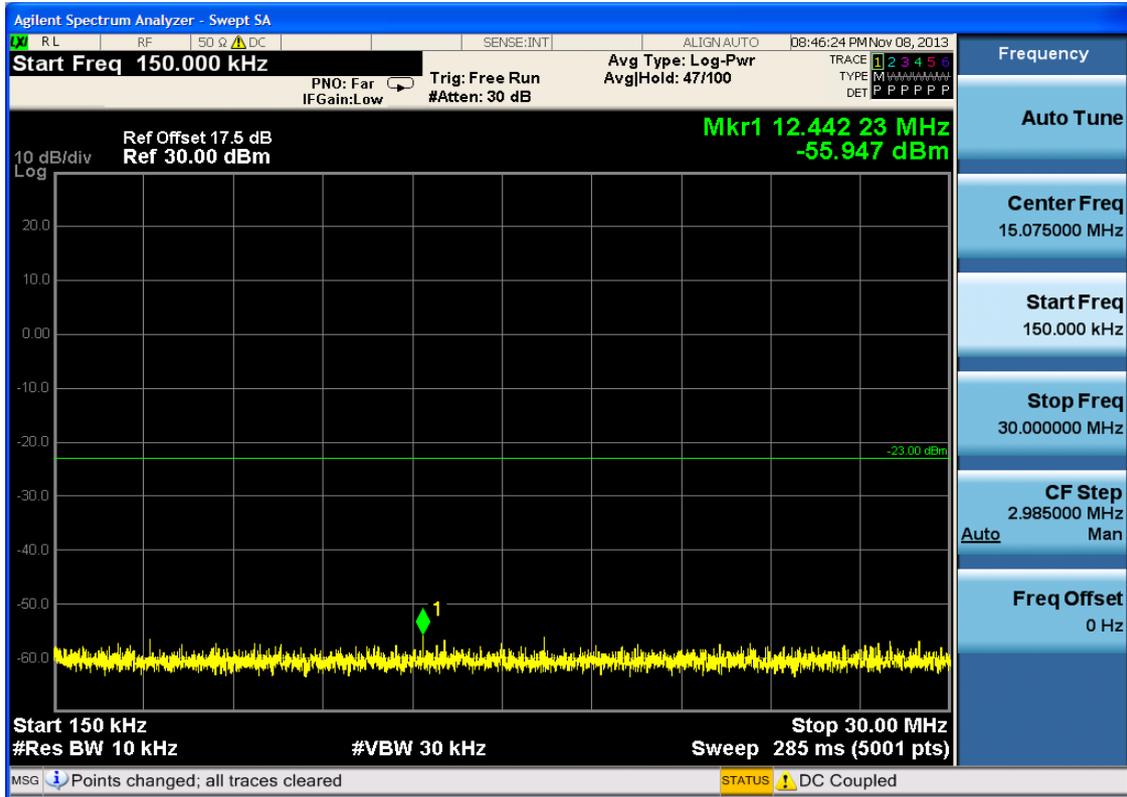


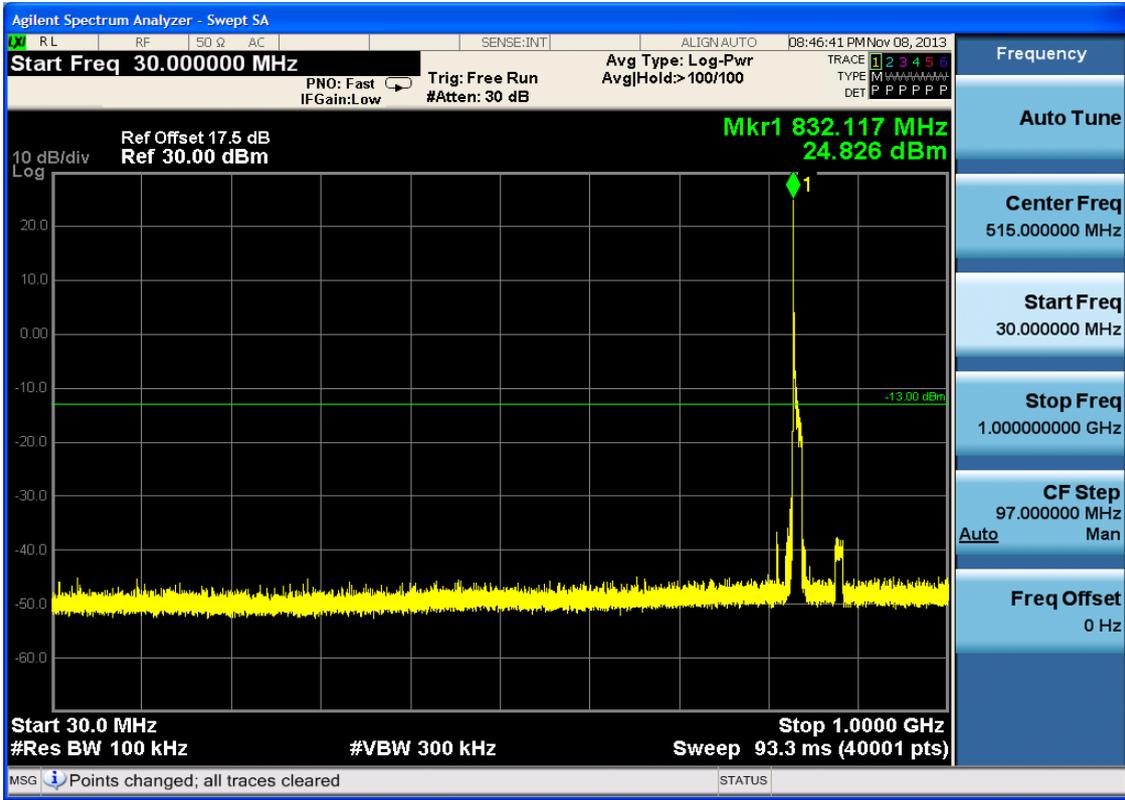


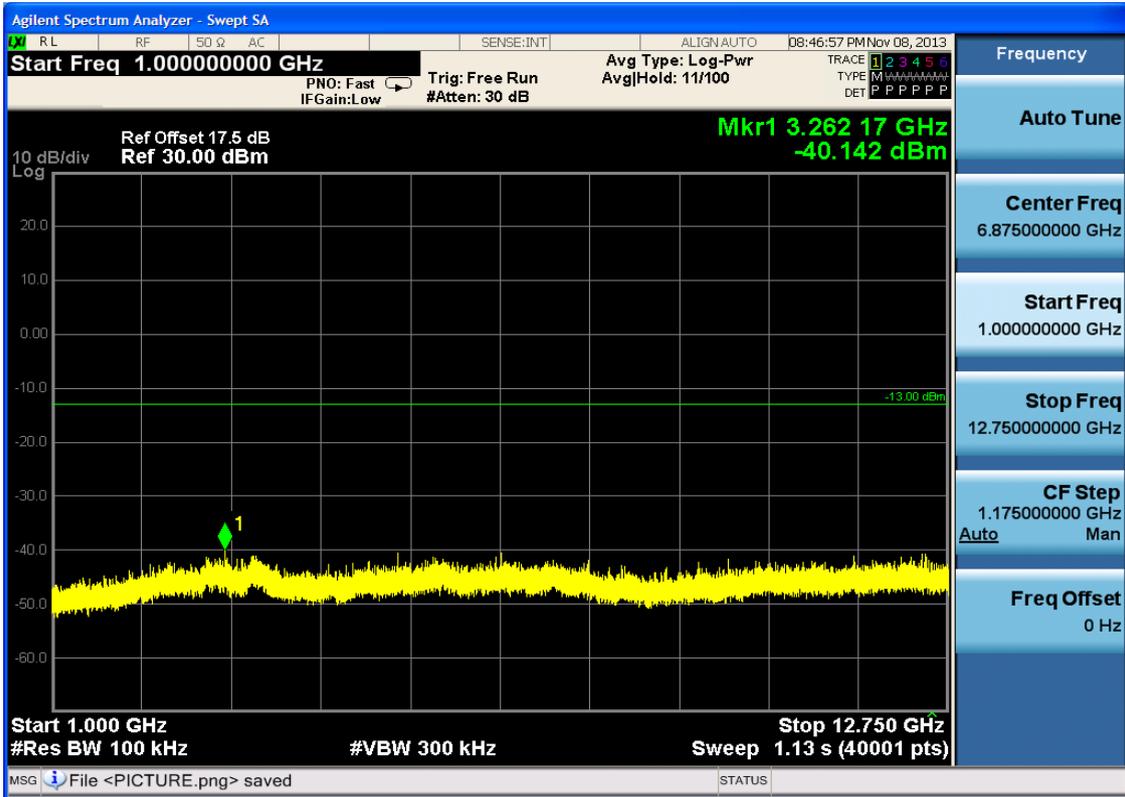
6.3.3.2.2 Test Channel = MCH

6.3.3.2.2.1 Test RB = RB1#0





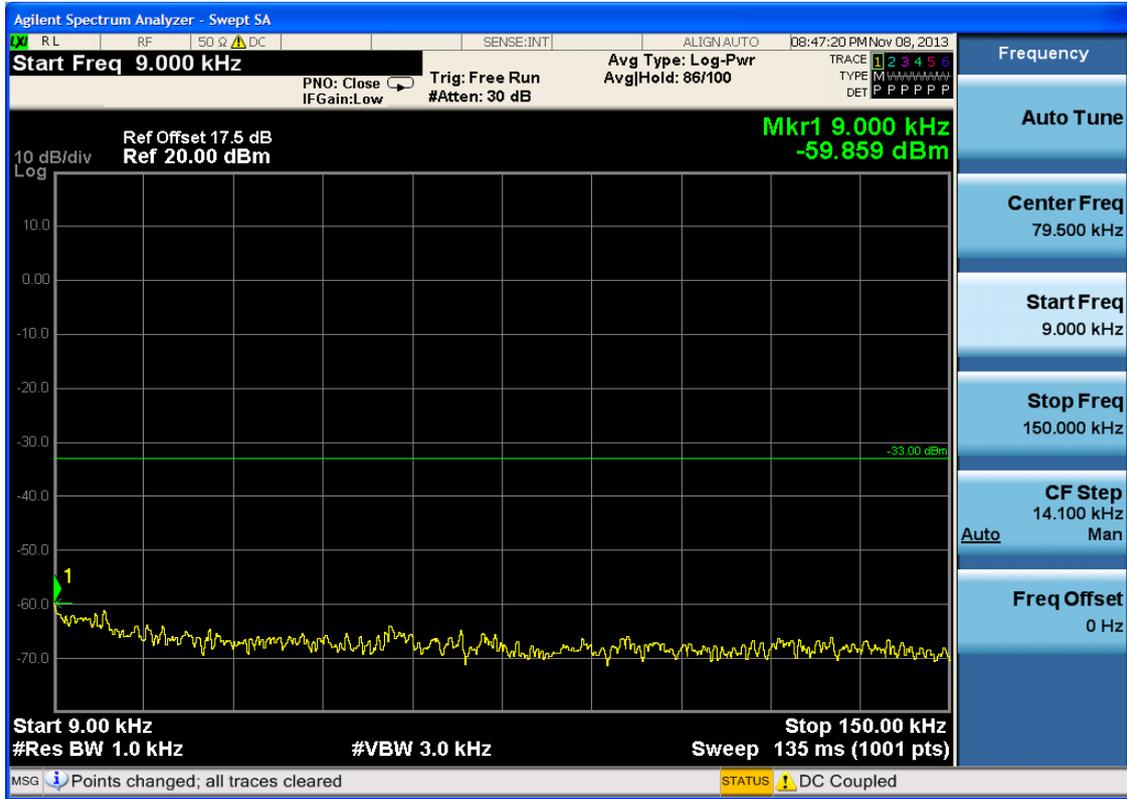


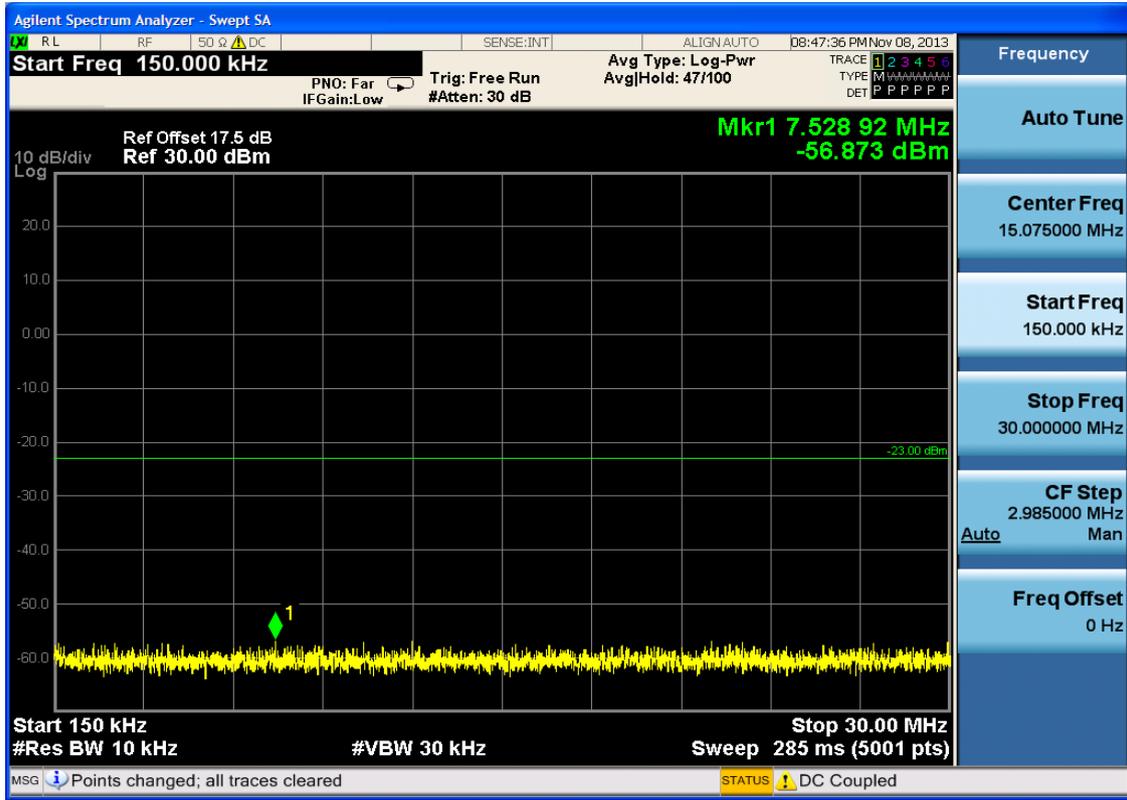


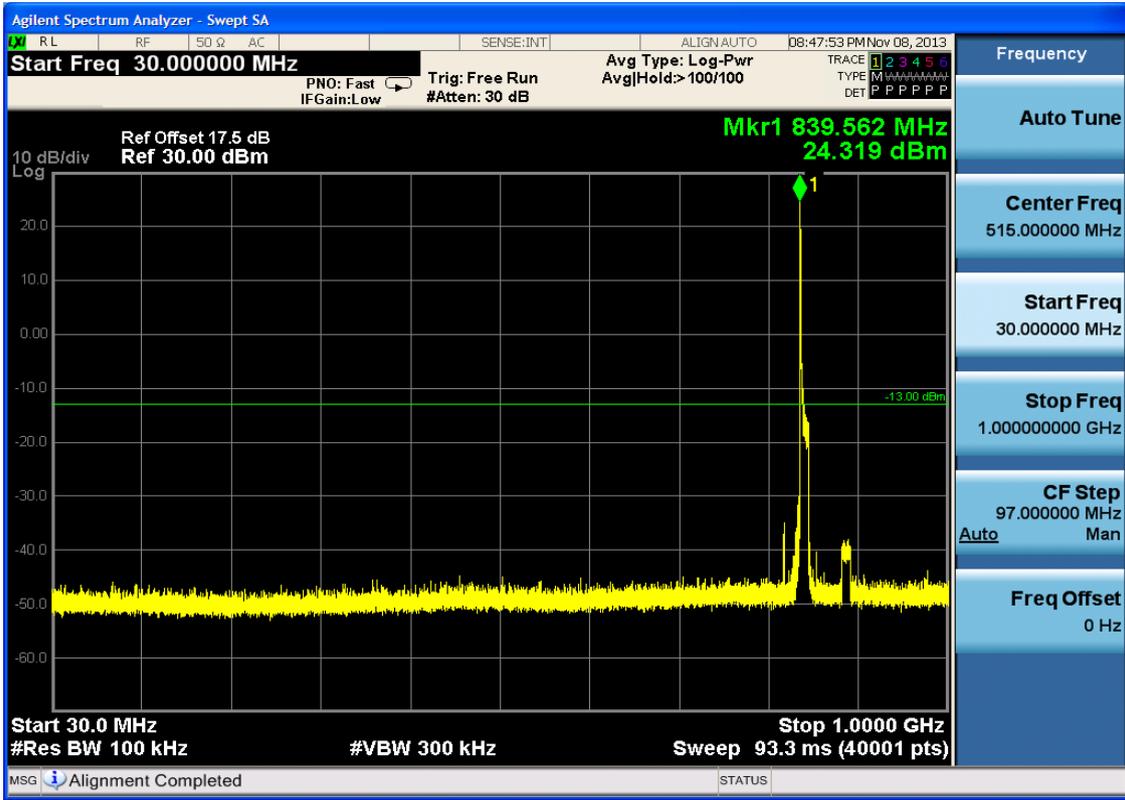


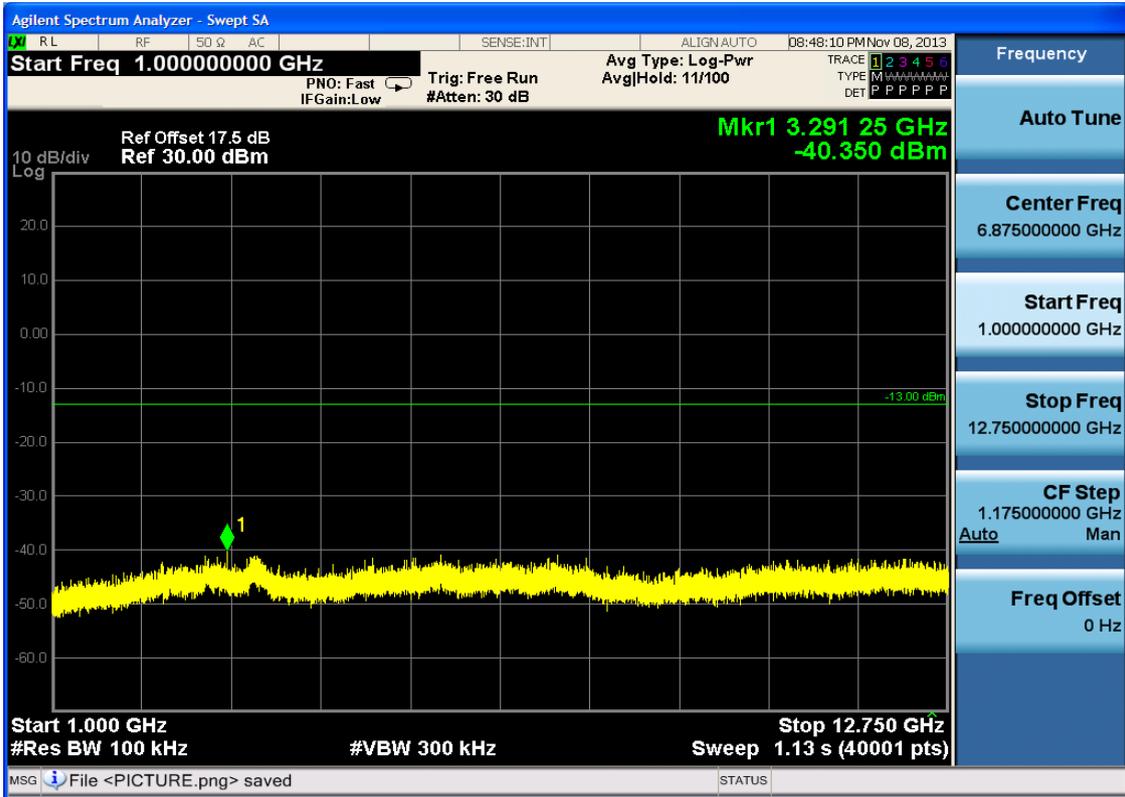
6.3.3.2.2.3 Test Channel = HCH

6.3.3.2.2.3.1 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

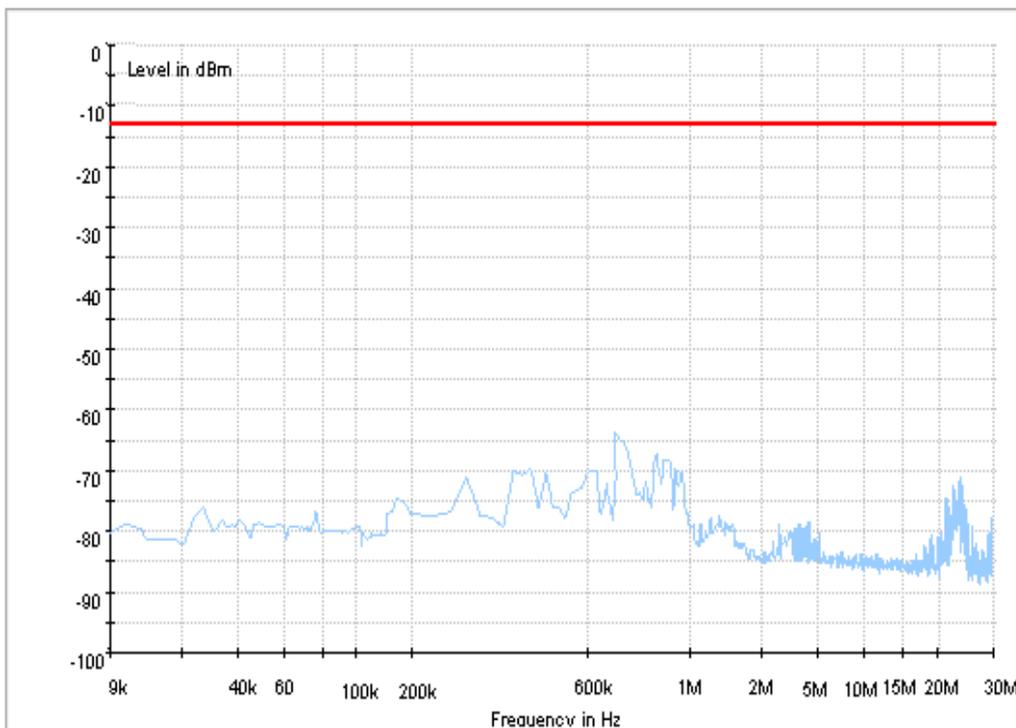
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

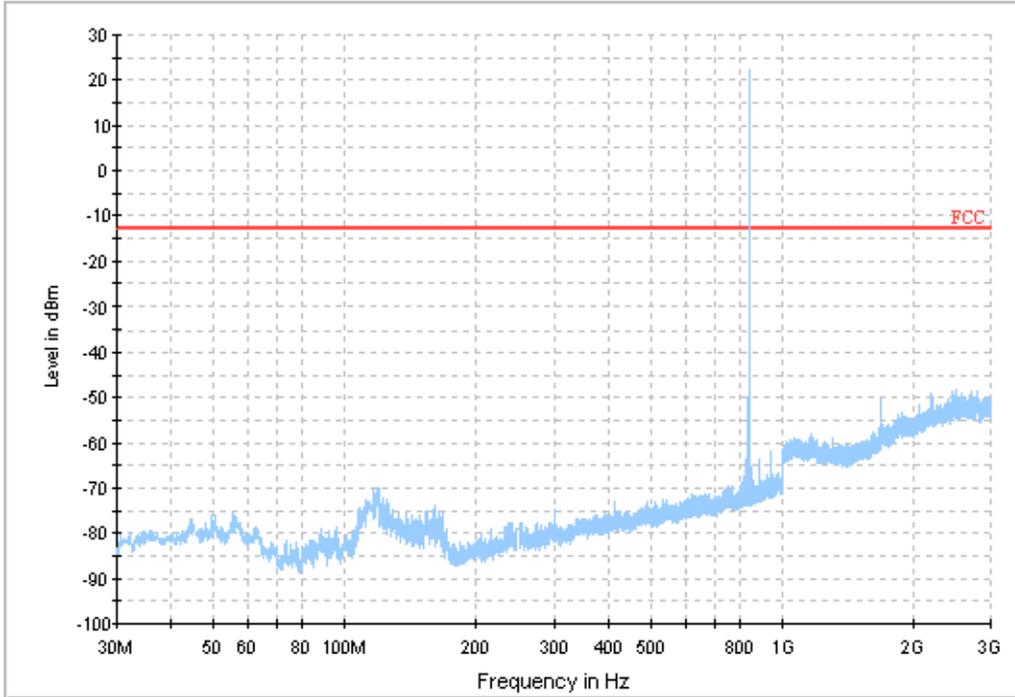
7.1 For GSM

7.1.1 Test Band = GSM850

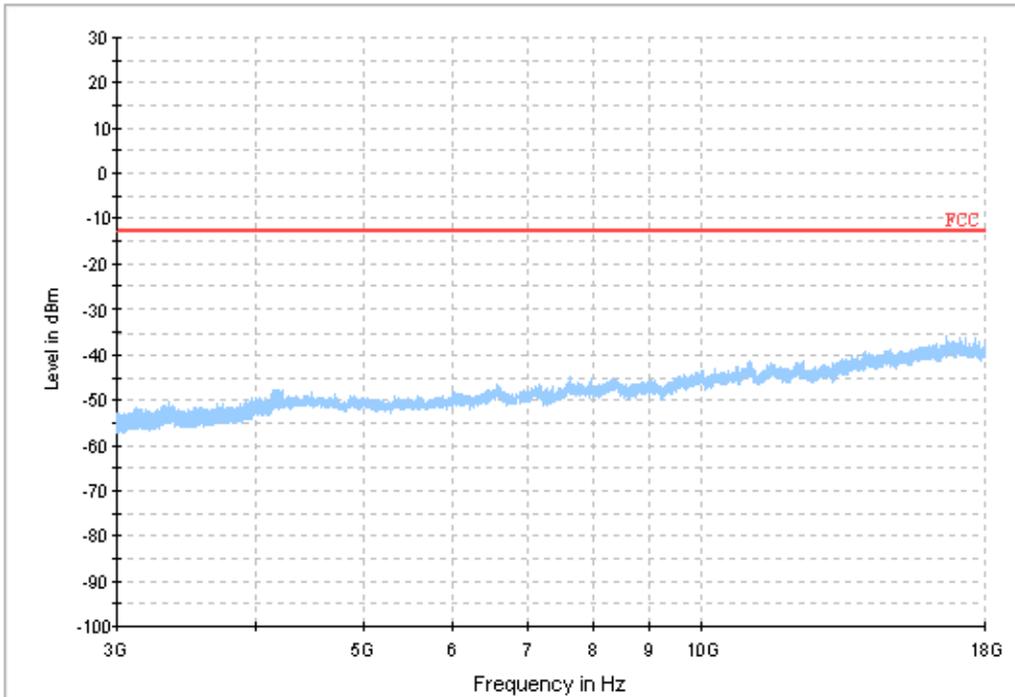
7.1.1.1 Test Mode = GSM/TM1



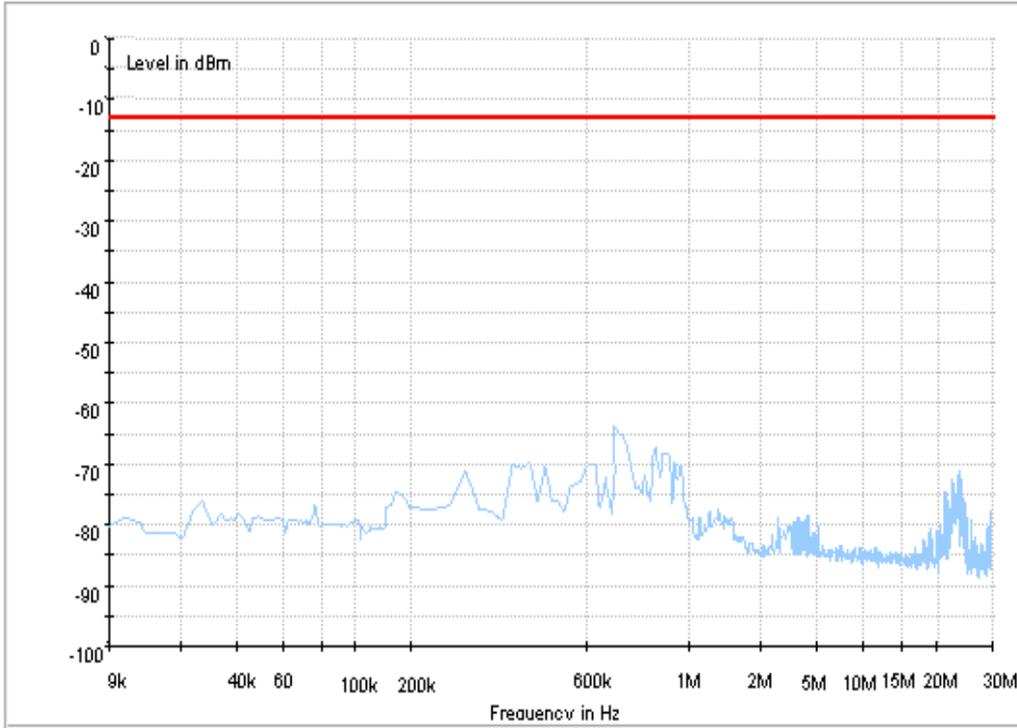
Copy of FCC PART22 GSM850_L



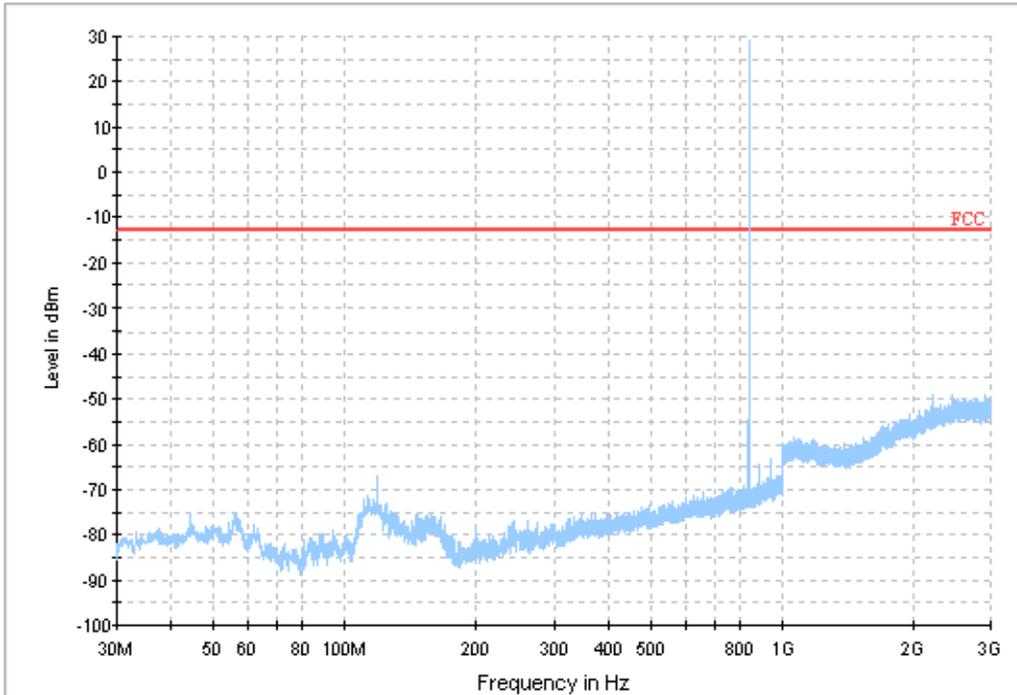
Copy of FCC PART22 GSM850_H



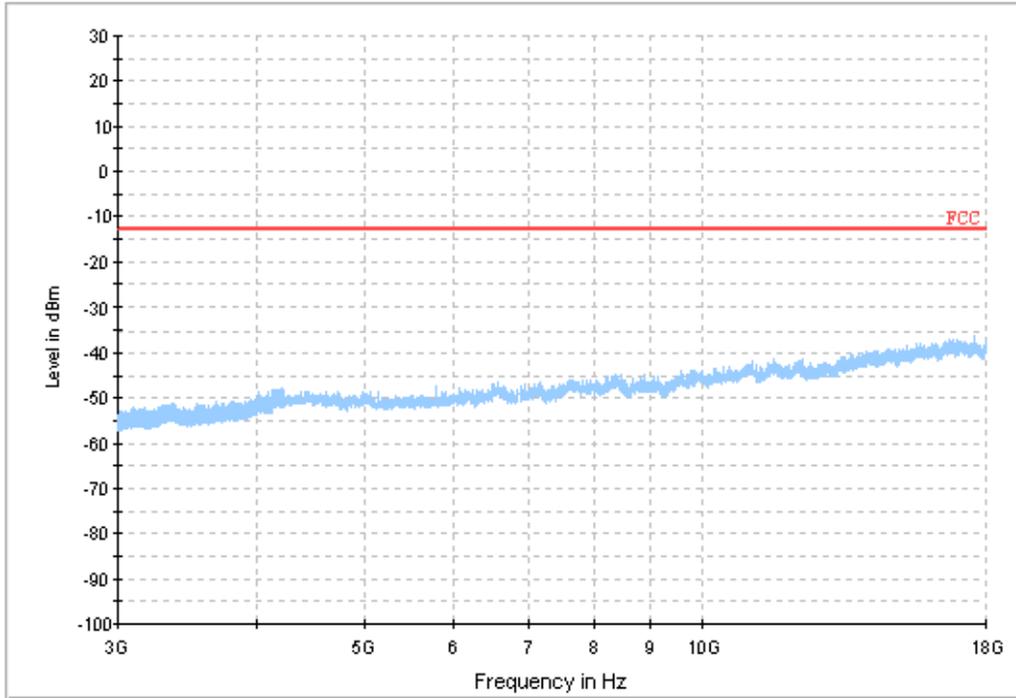
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

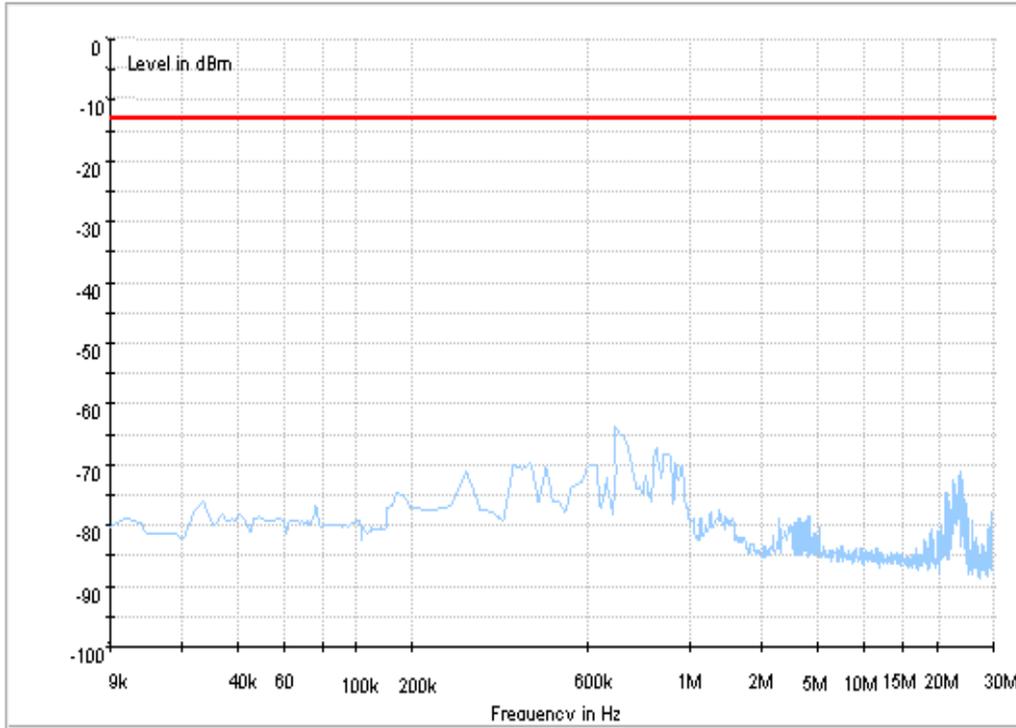


Copy of FCC PART22 GSM850_H

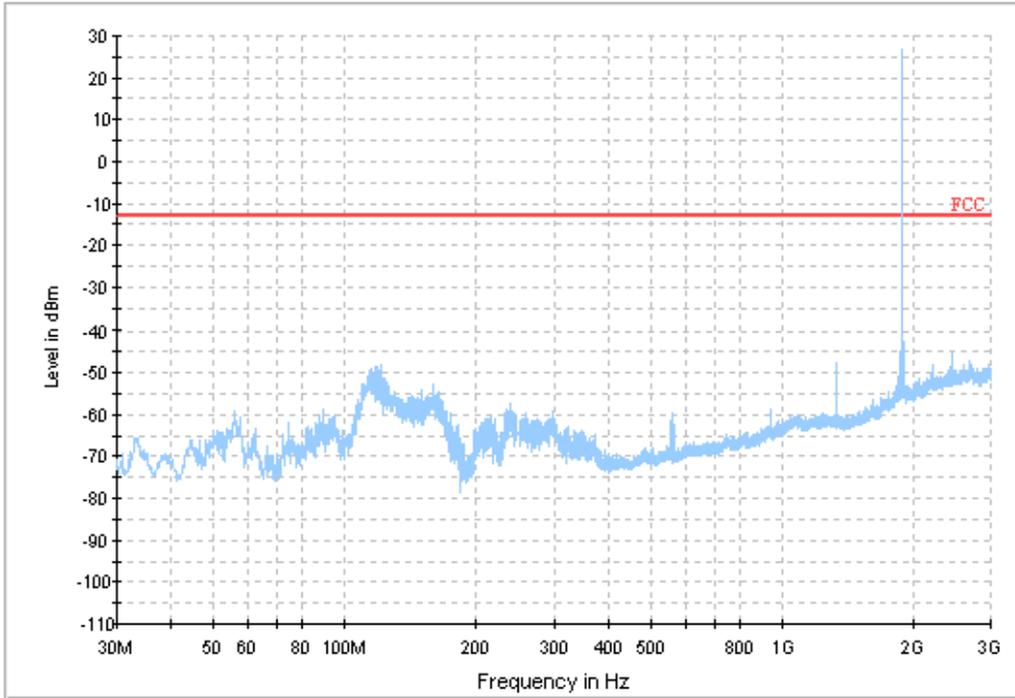


7.1.2 Test Band = GSM1900

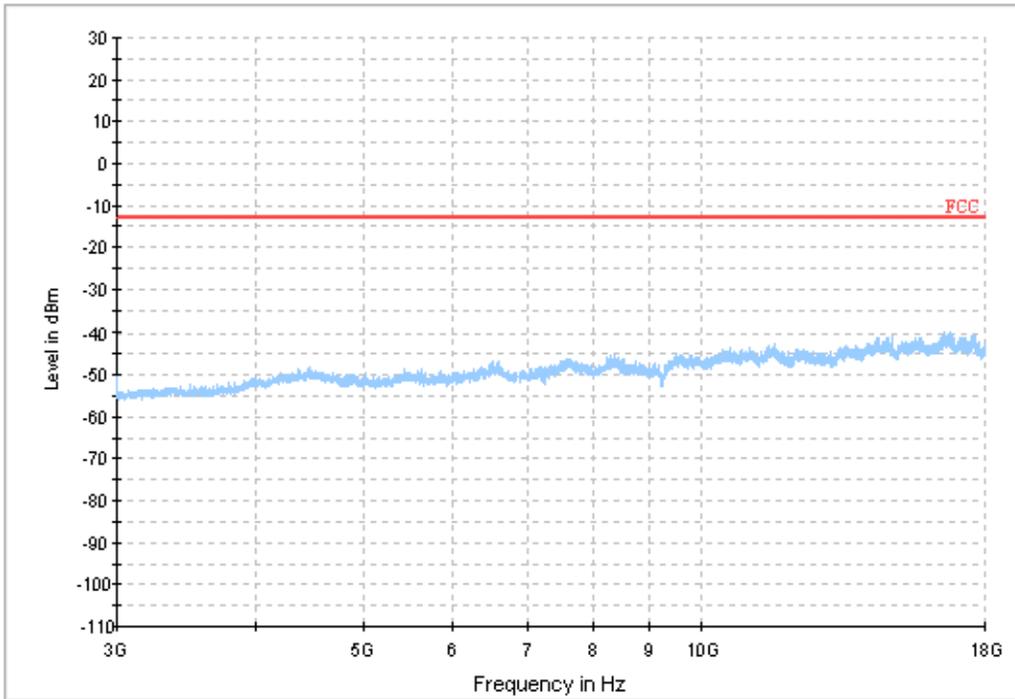
7.1.2.1 Test Mode = GSM/TM1

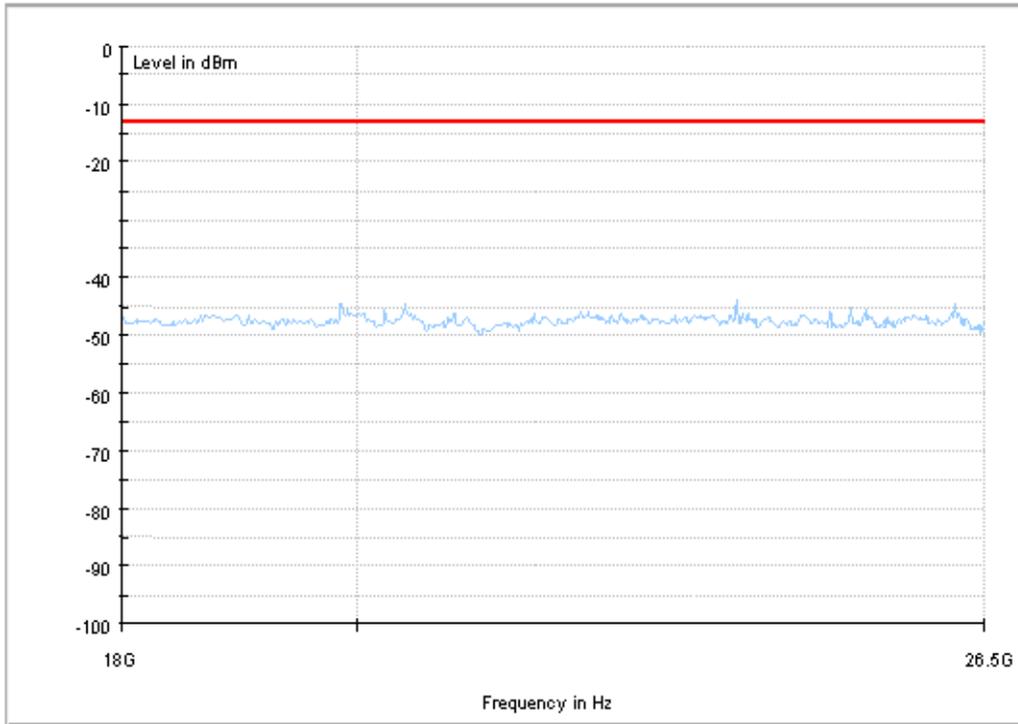


Copy of FCC PART24 GSM1900_L

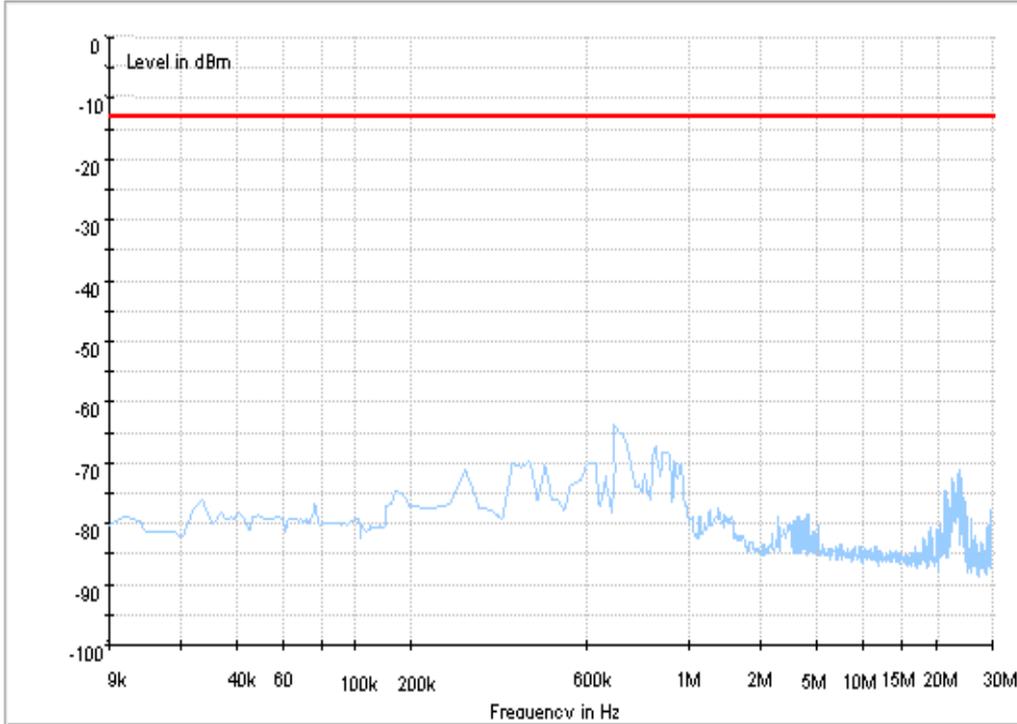


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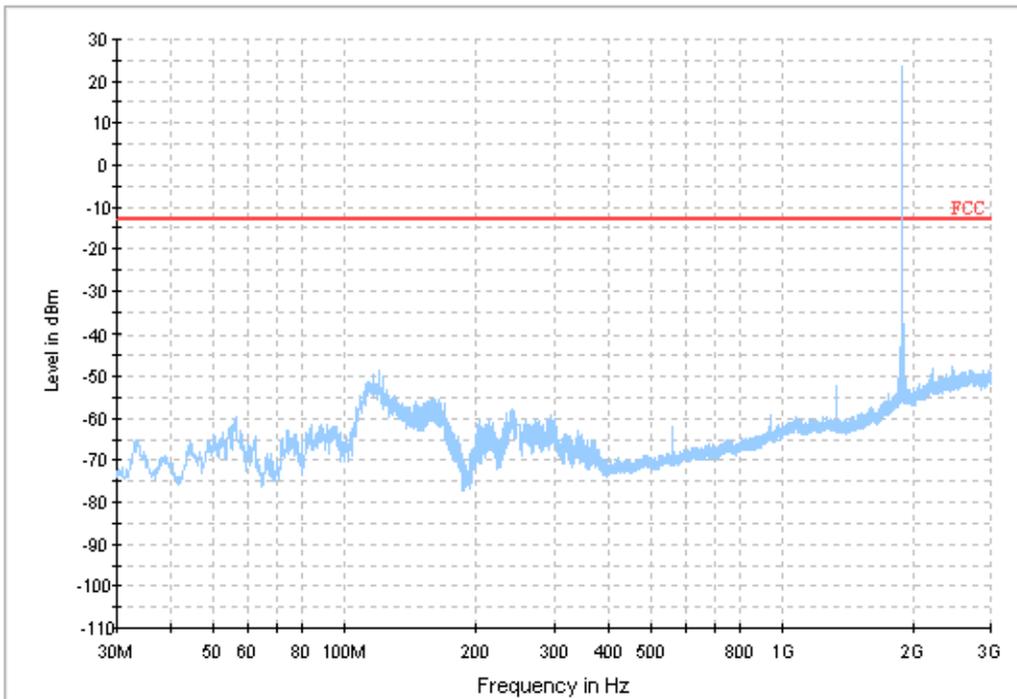




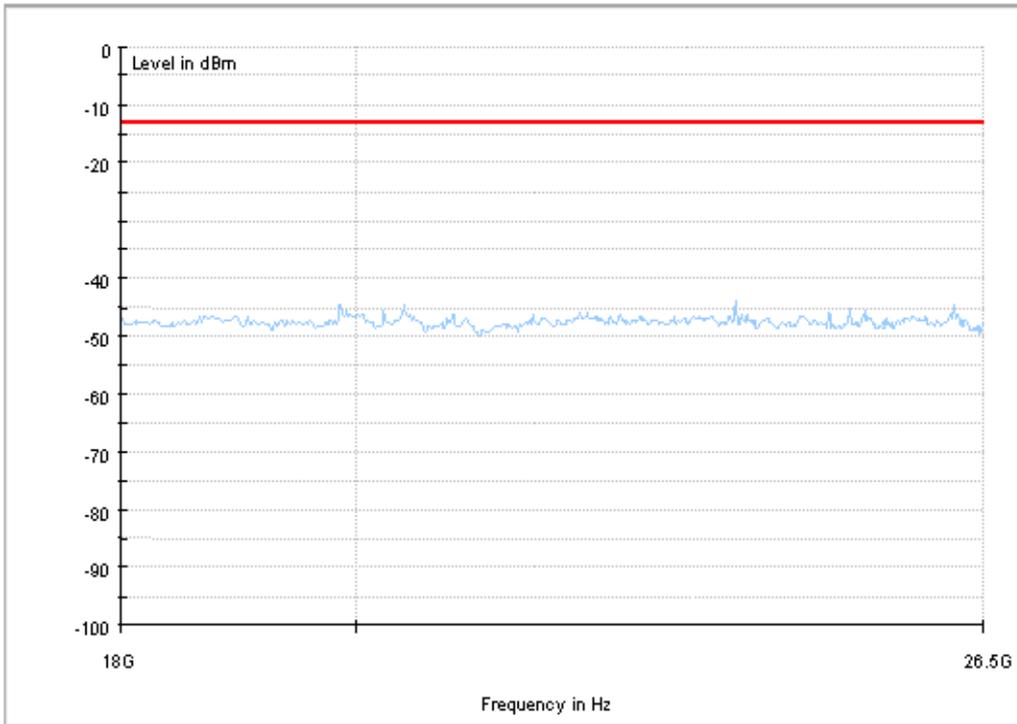
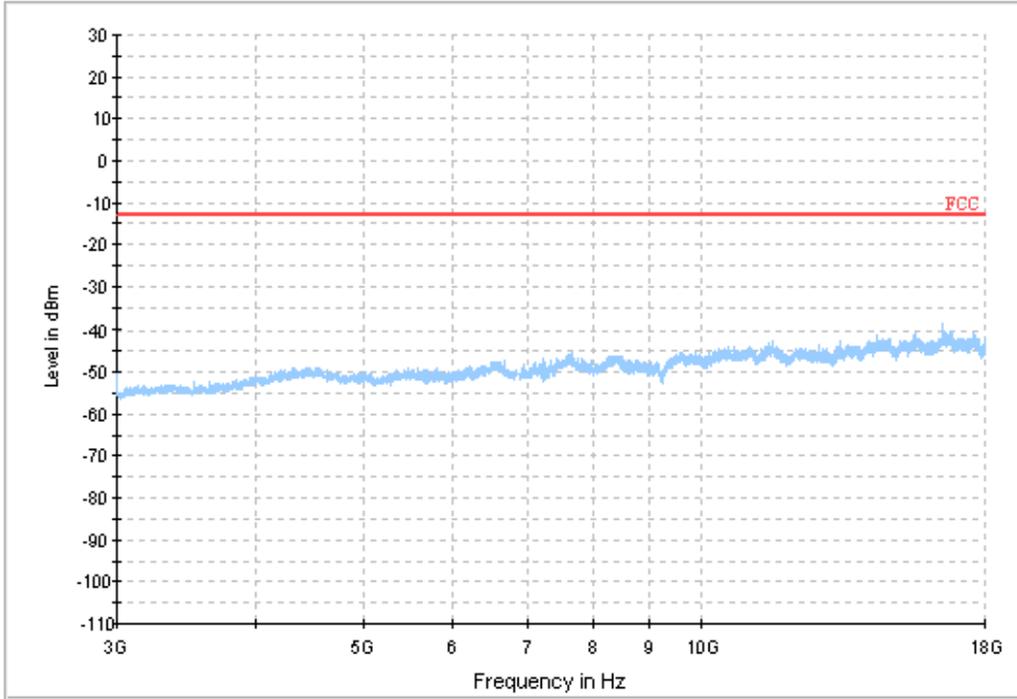
7.1.2.2 Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900_L



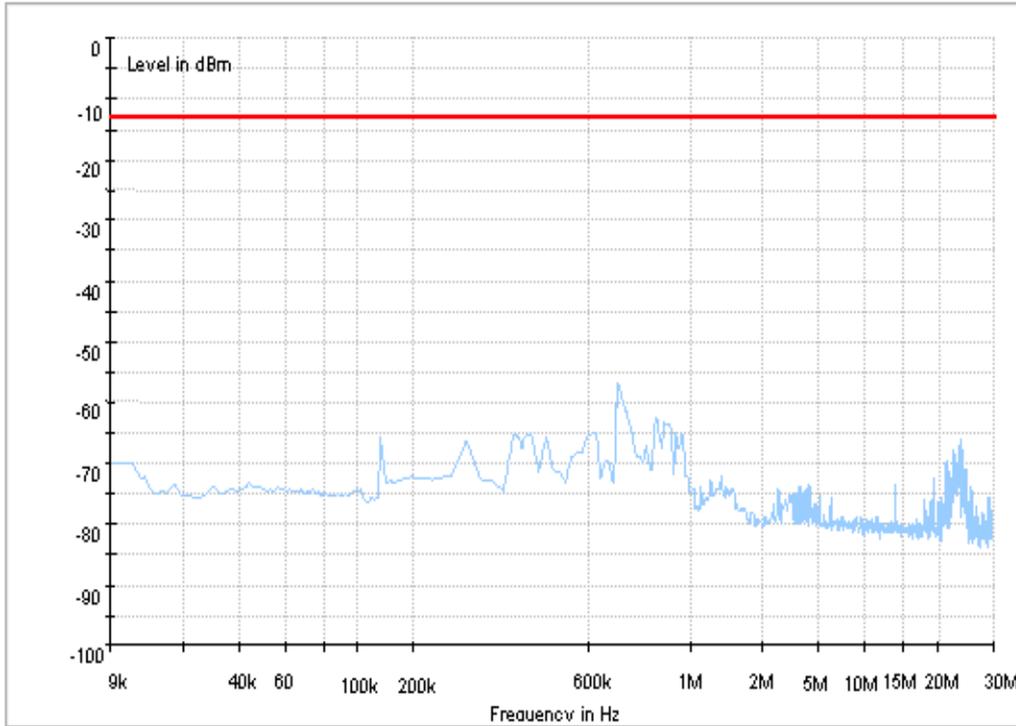
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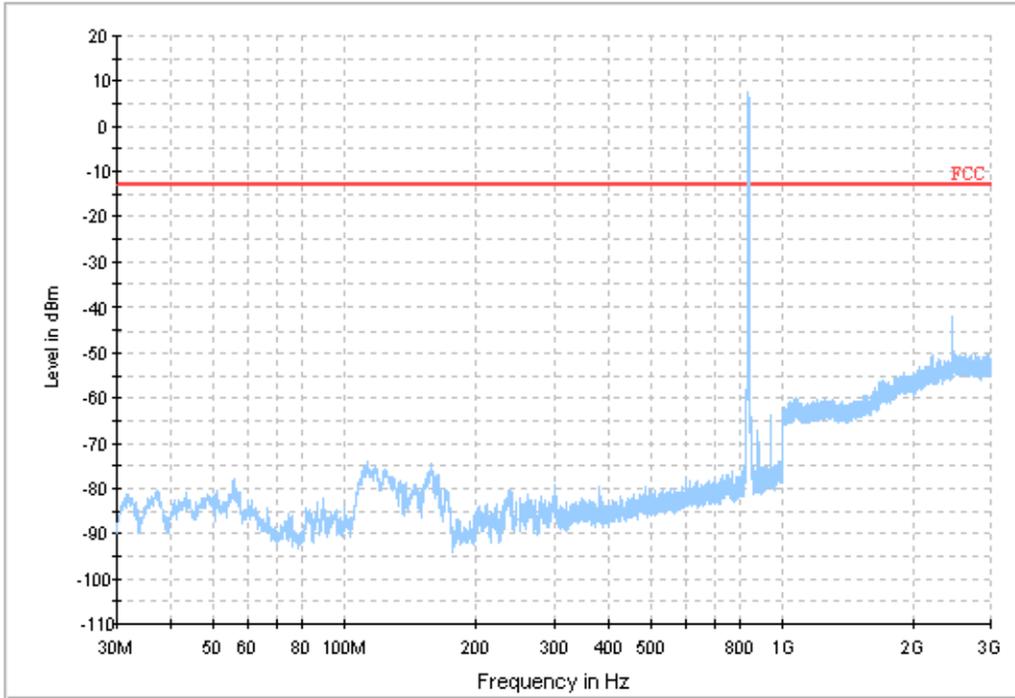
7.2 For UMTS

7.2.1 Test Band = WCDMA850

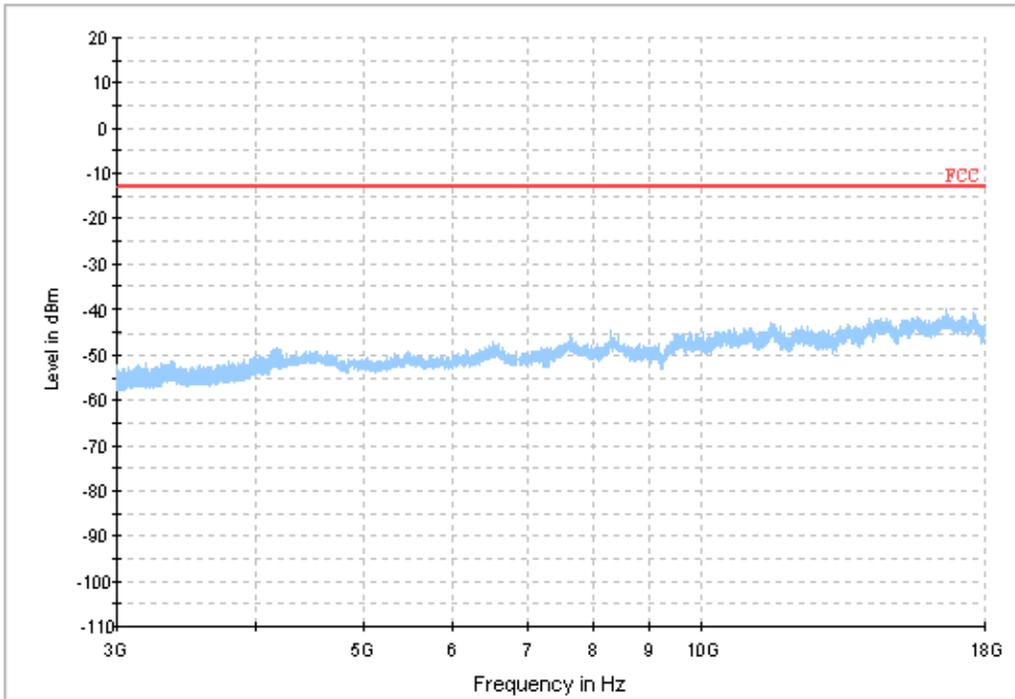
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

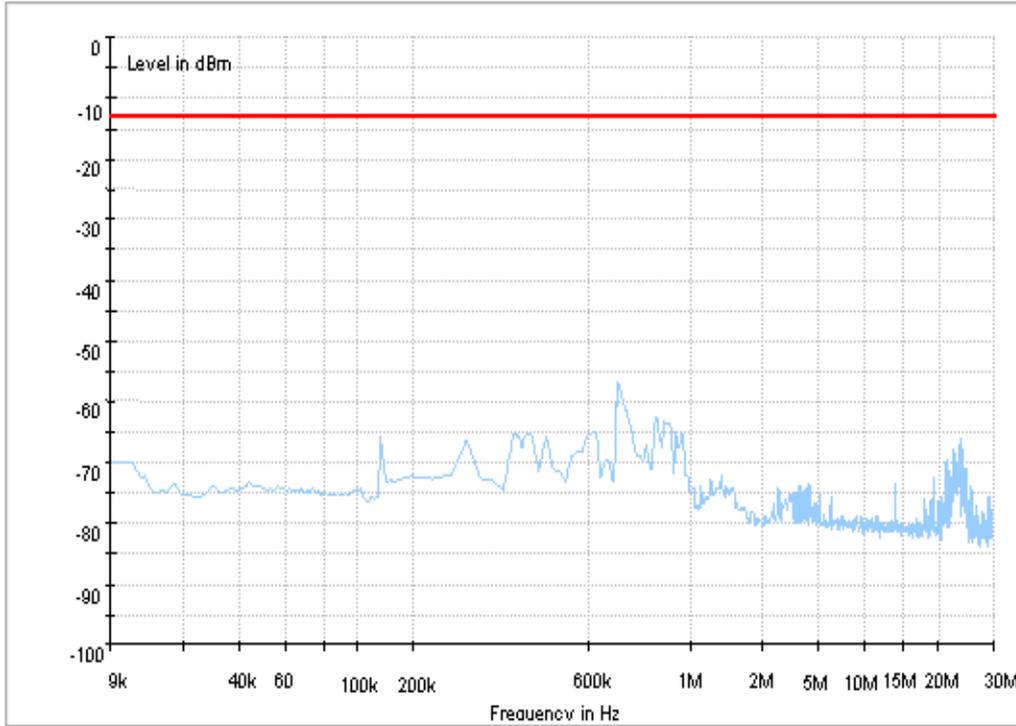


Copy of FCC PART22 WCDMA850_H

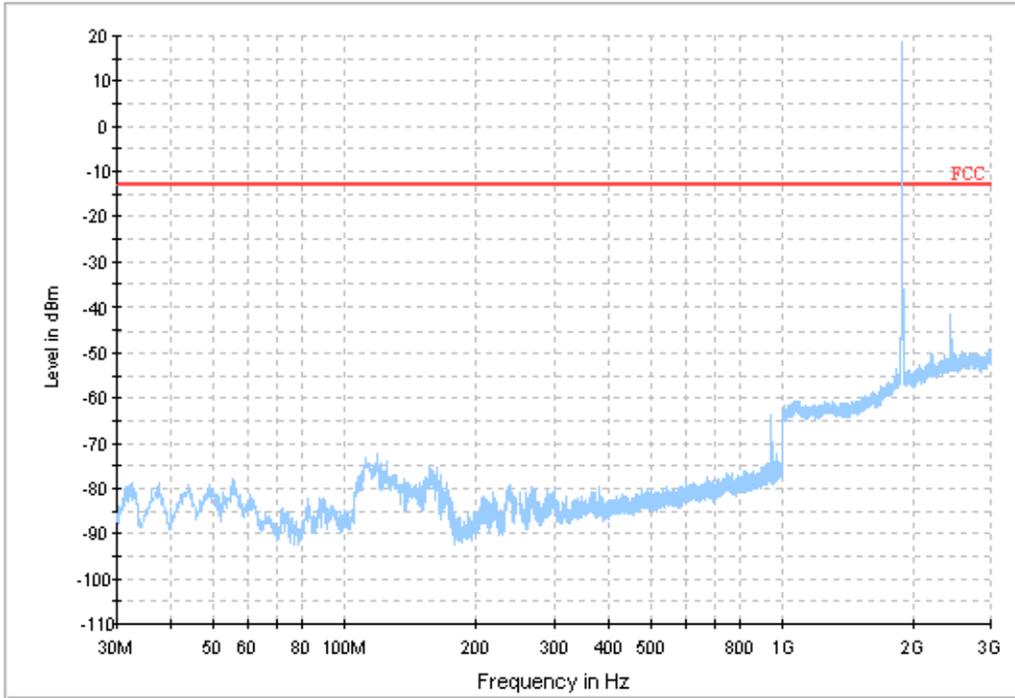


7.2.2 Test Band = WCDMA1900

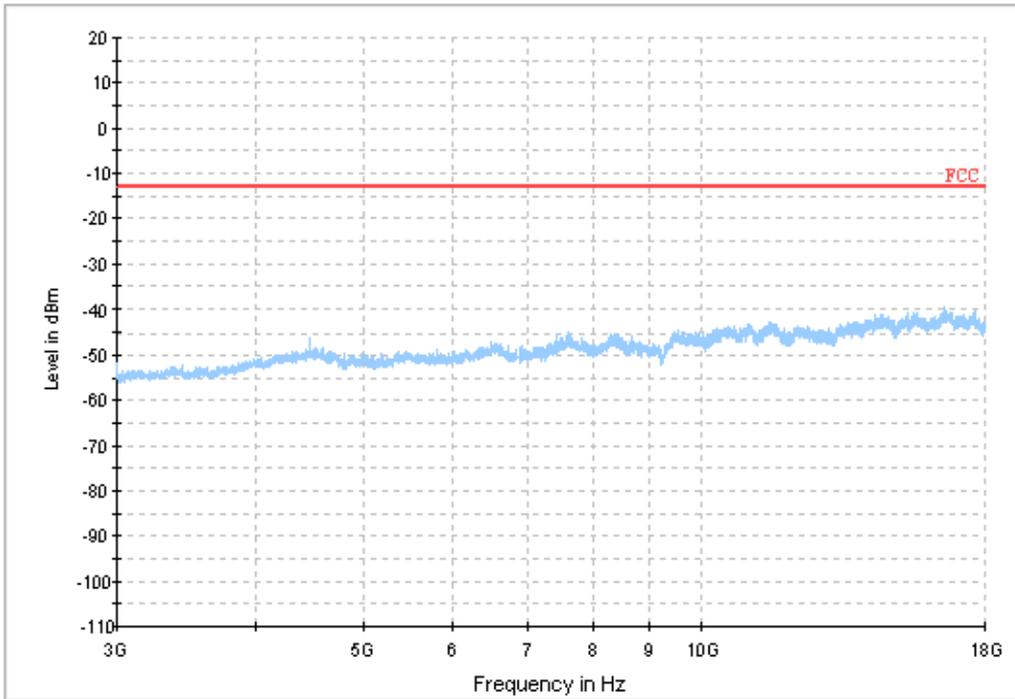
7.2.2.1 Test Mode = UMTS/TM1

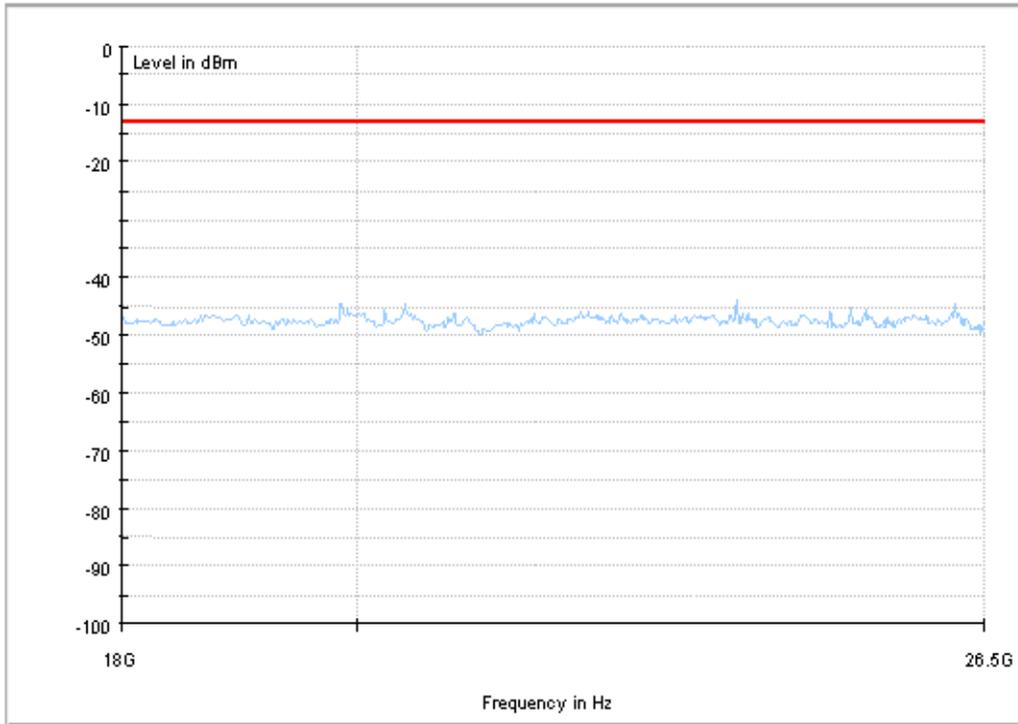


Copy of FCC PART24 WCDMA1900_L



Copy of FCC PART24 WCDMA1900_H

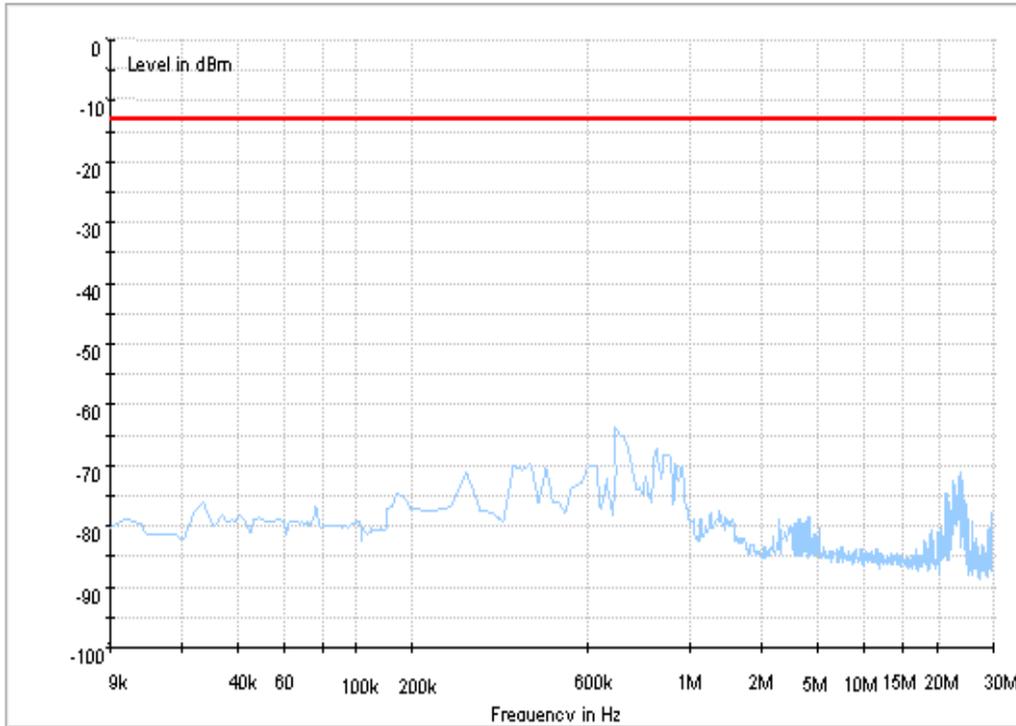




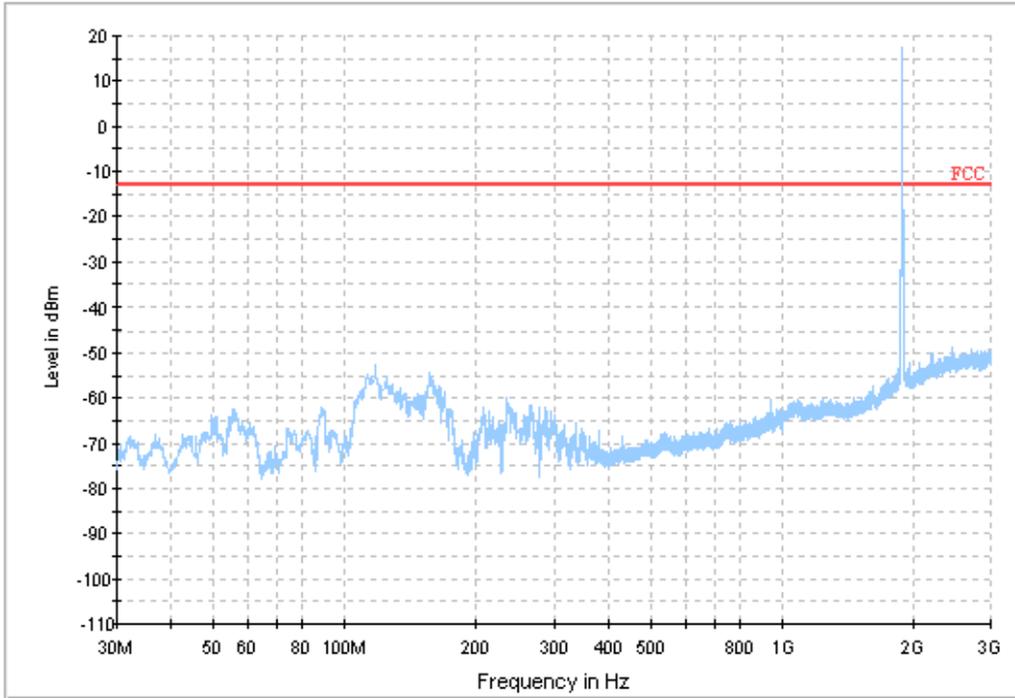
7.3 For LTE

7.3.1 Test Band = BAND2

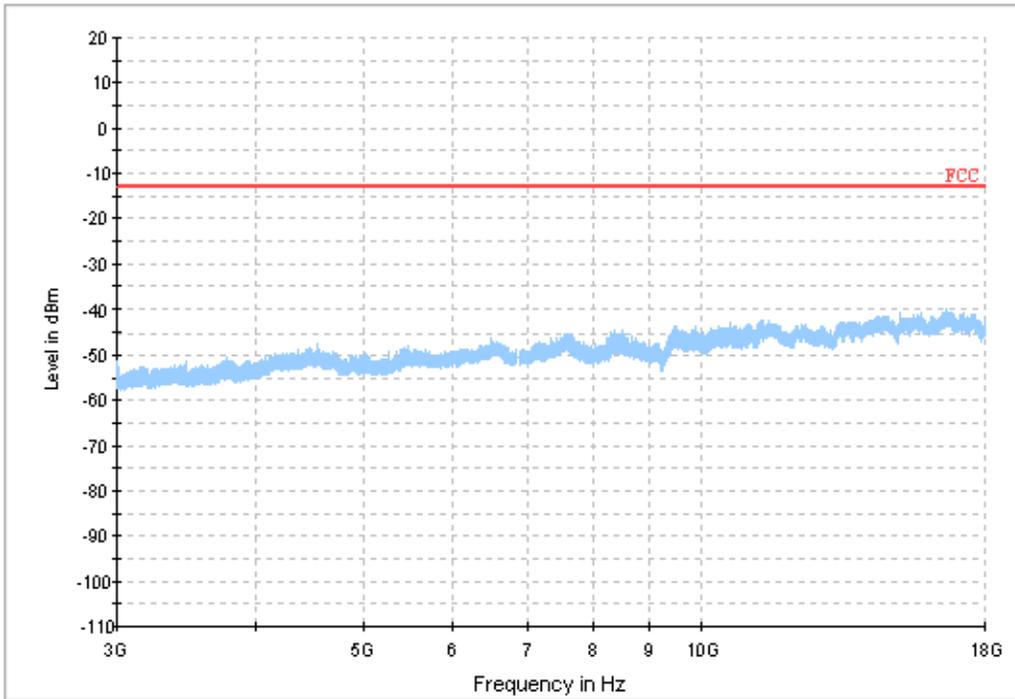
7.3.1.1 Test Bandwidth = 5

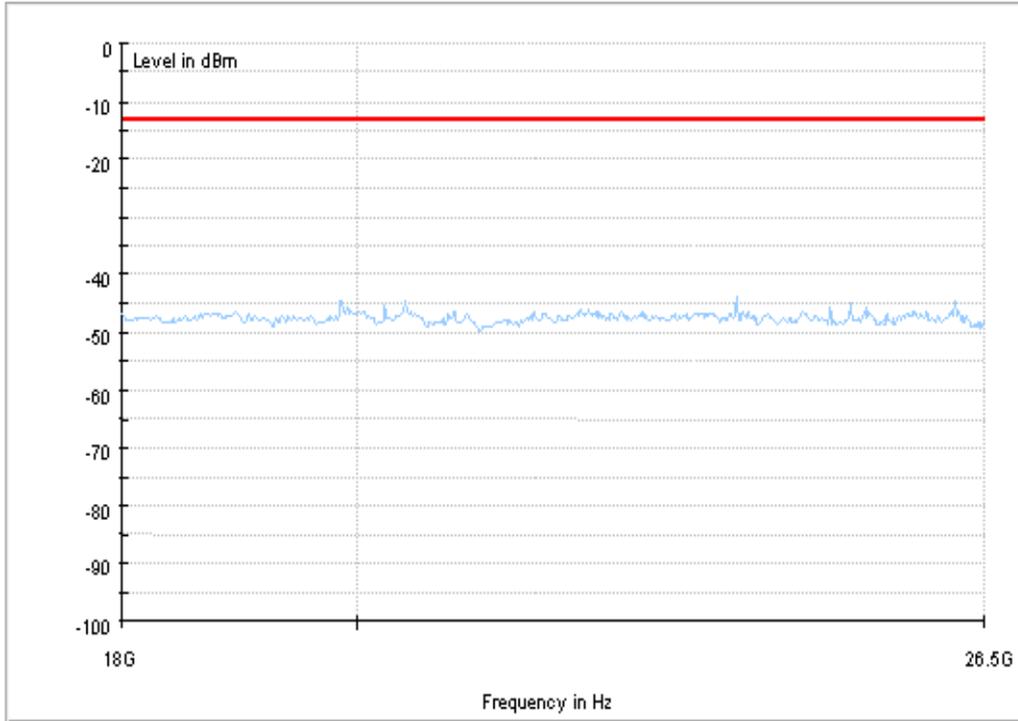


Copy of FCC PART24 LTE Band 2_L

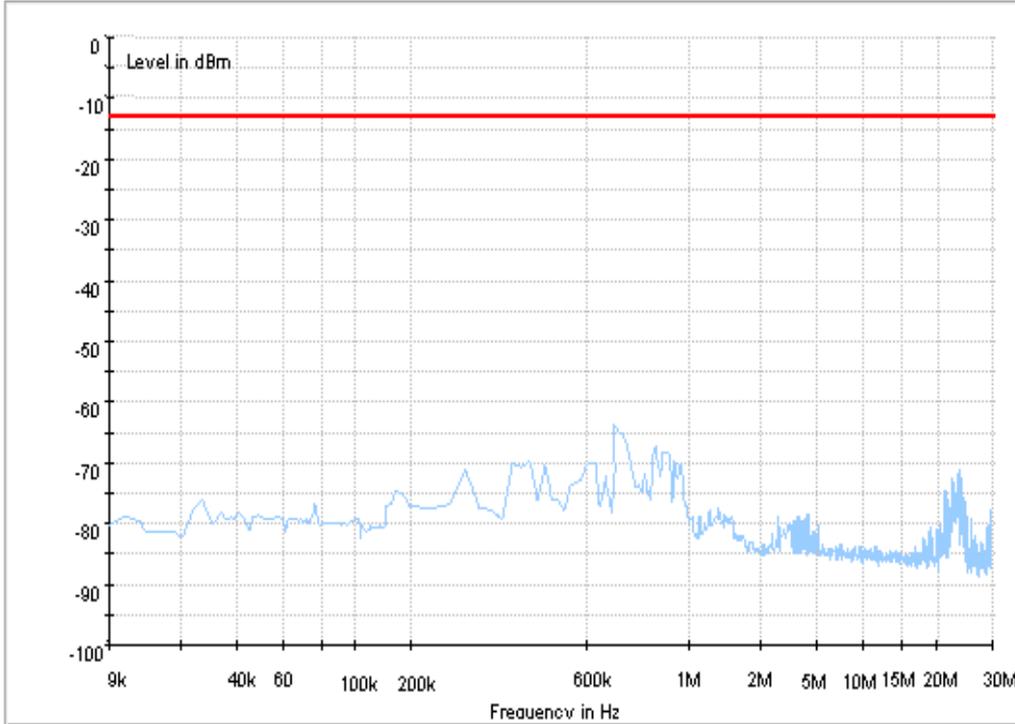


Copy of FCC PART24 LTE Band 2_H

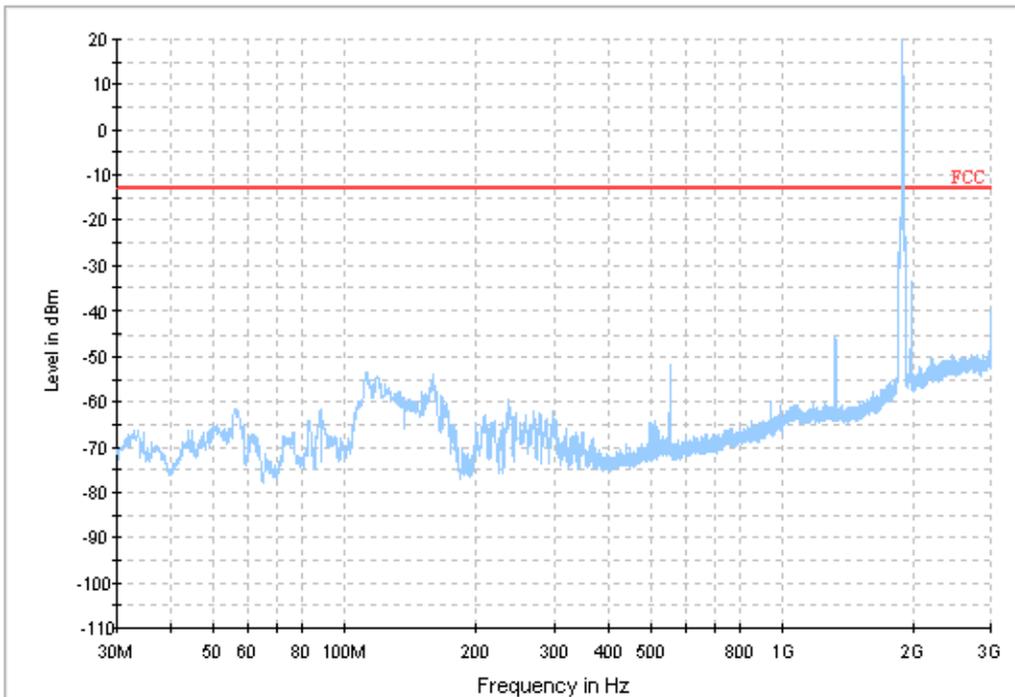




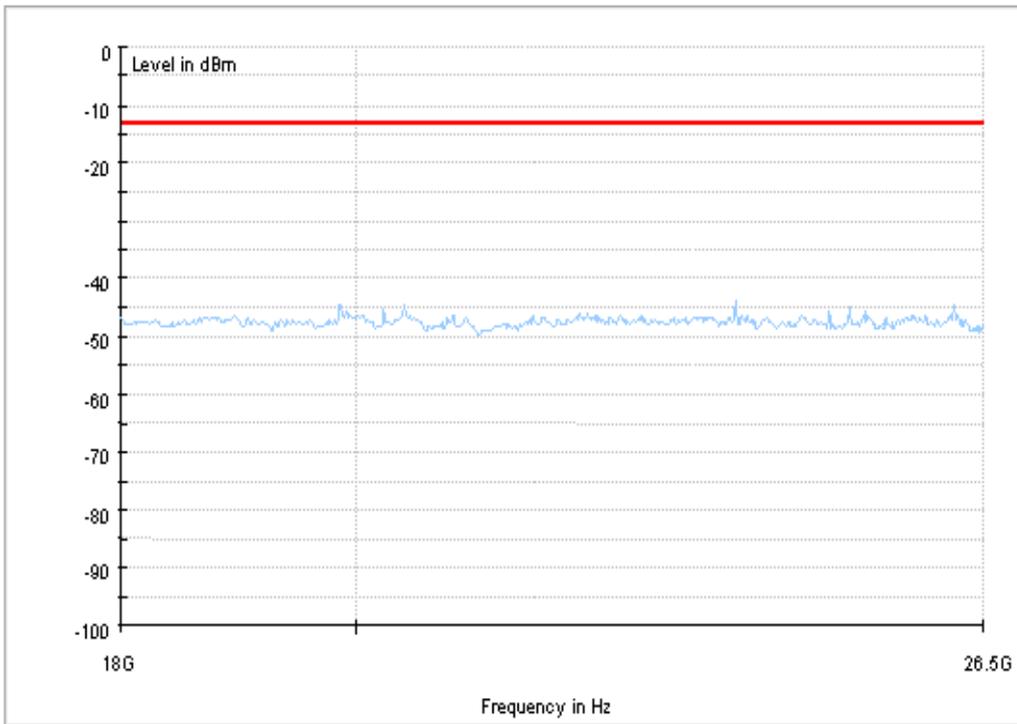
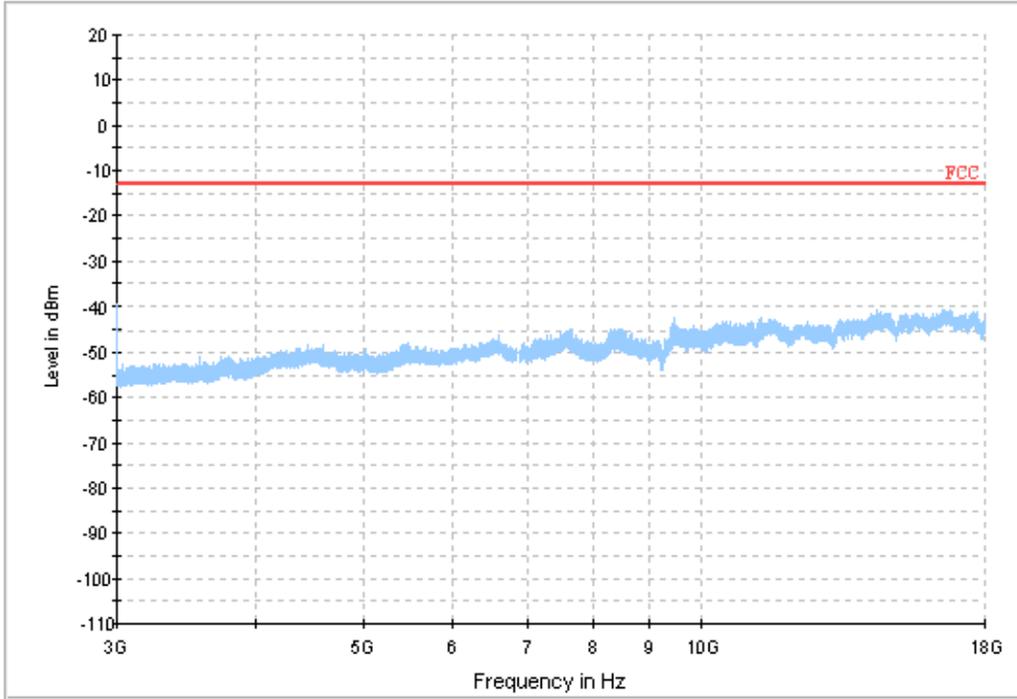
7.3.1.2 Test Bandwidth = 20



Copy of FCC PART24 LTE Band 2_L

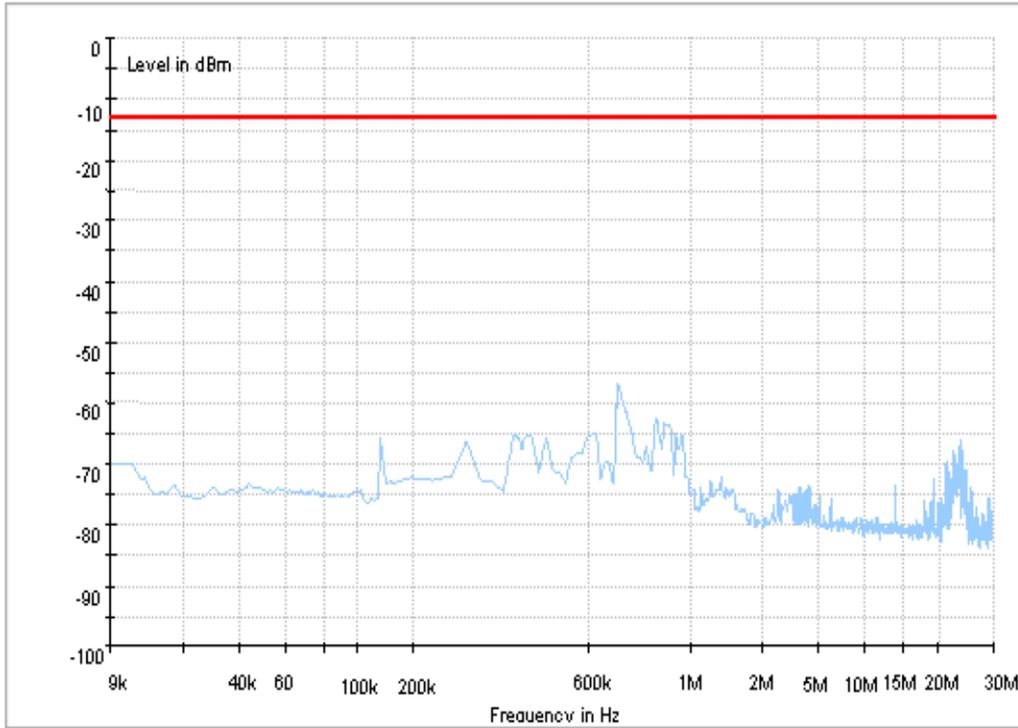


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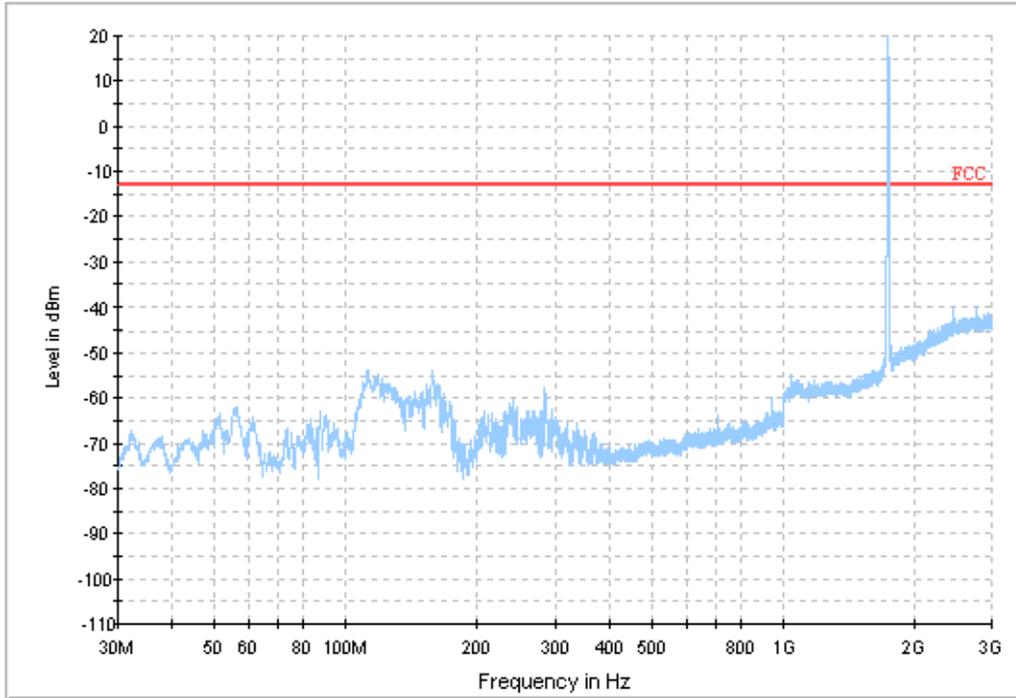


7.3.2 Test Band = BAND4

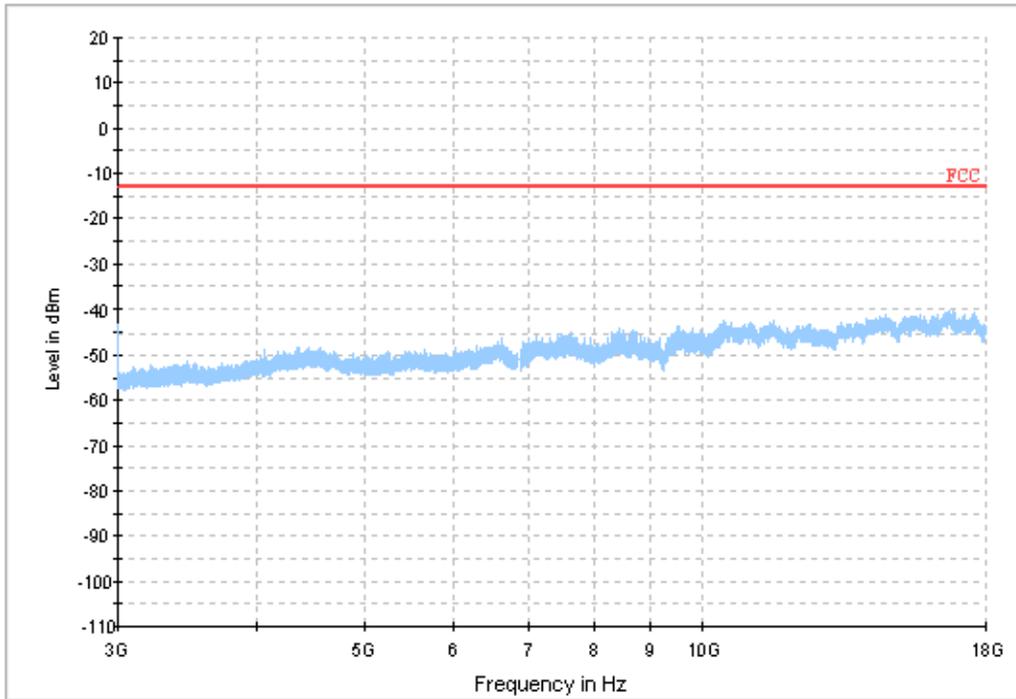
7.3.2.1 Test Bandwidth = 5



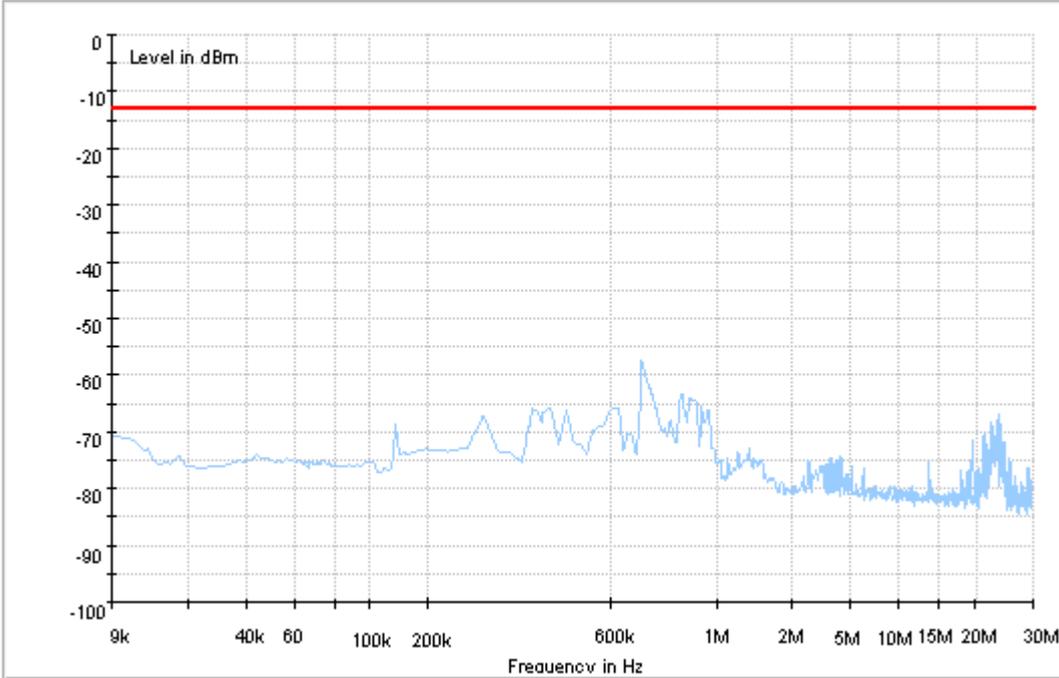
Copy of FCC PART27 LTE Band 4_L



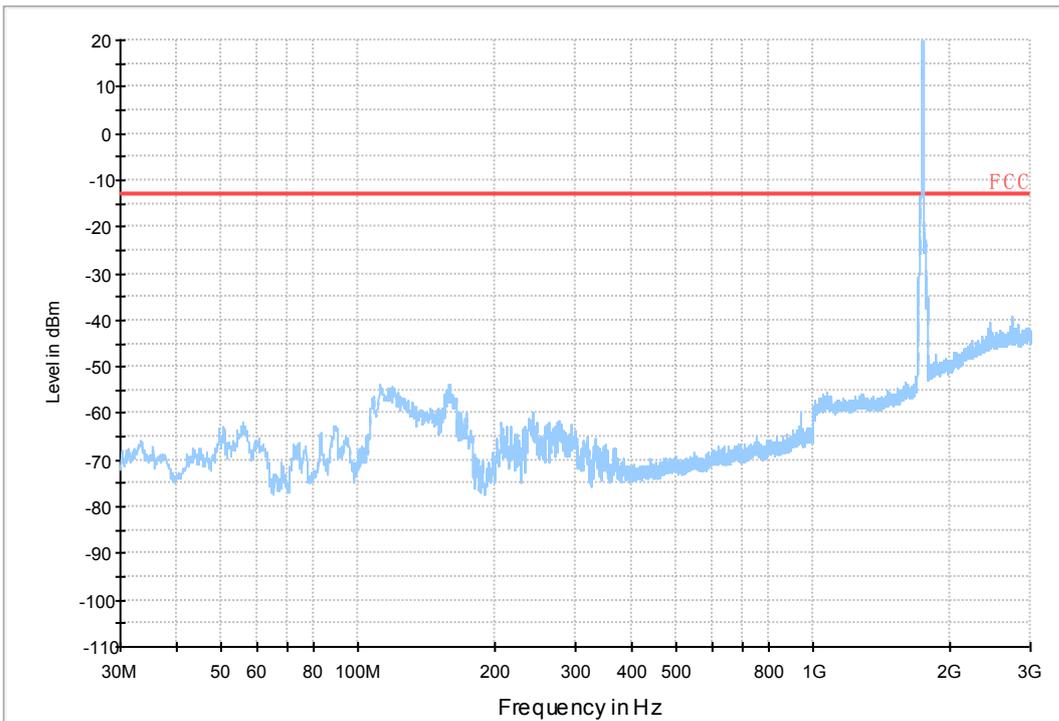
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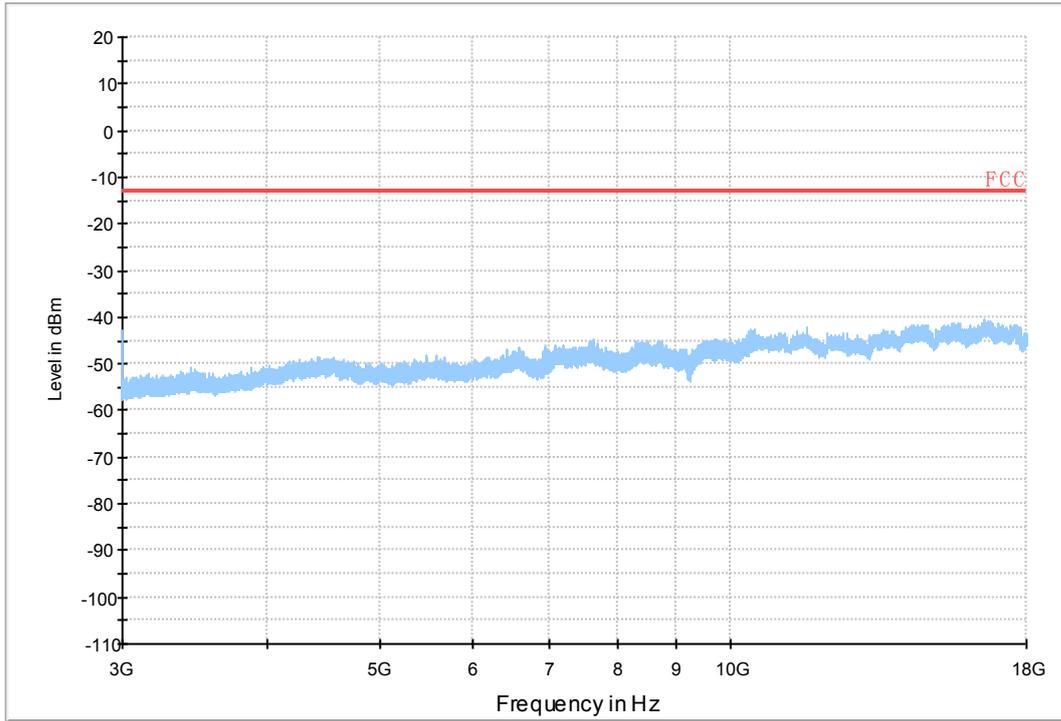
7.3.2.2 Test Bandwidth = 20



Copy of FCC PART 27 LTE Band 4_L

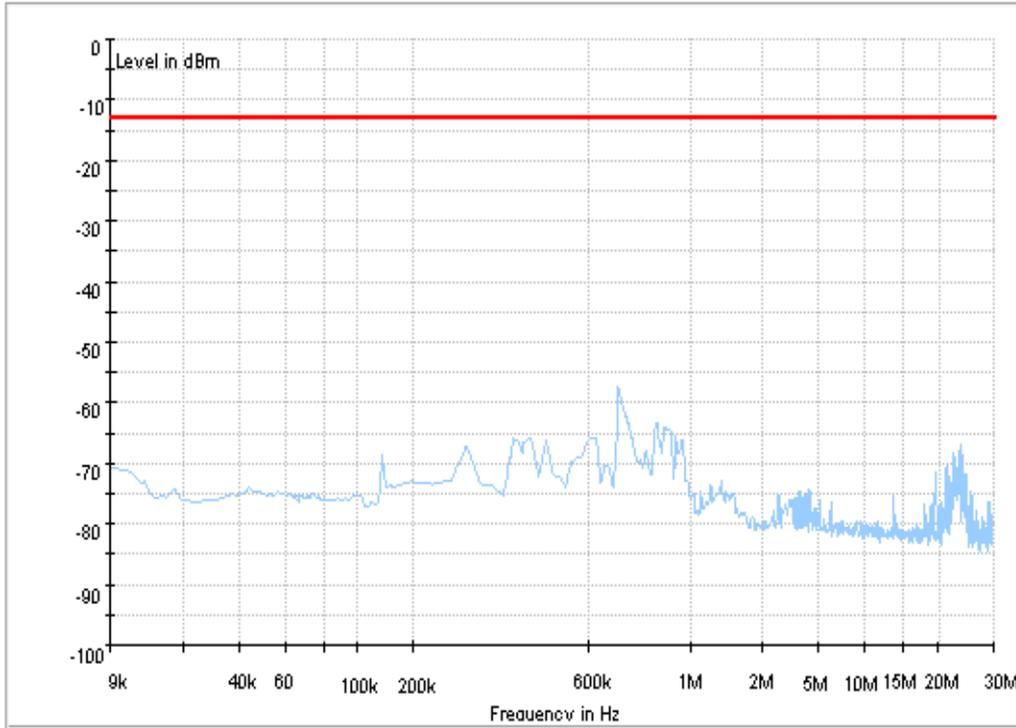


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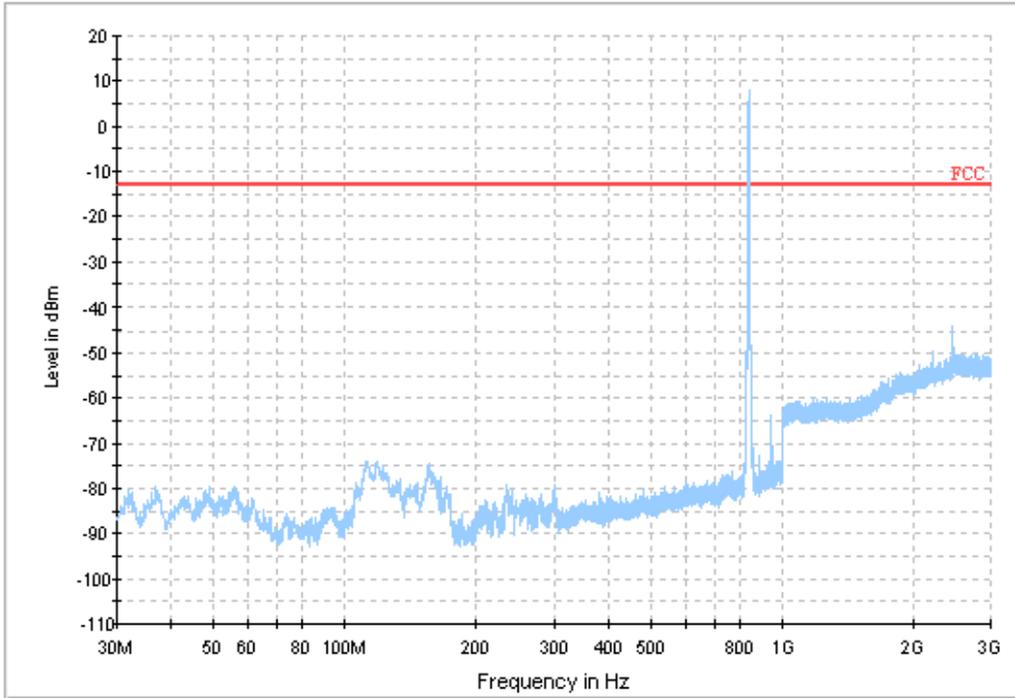


7.3.3 Test Band = BAND5

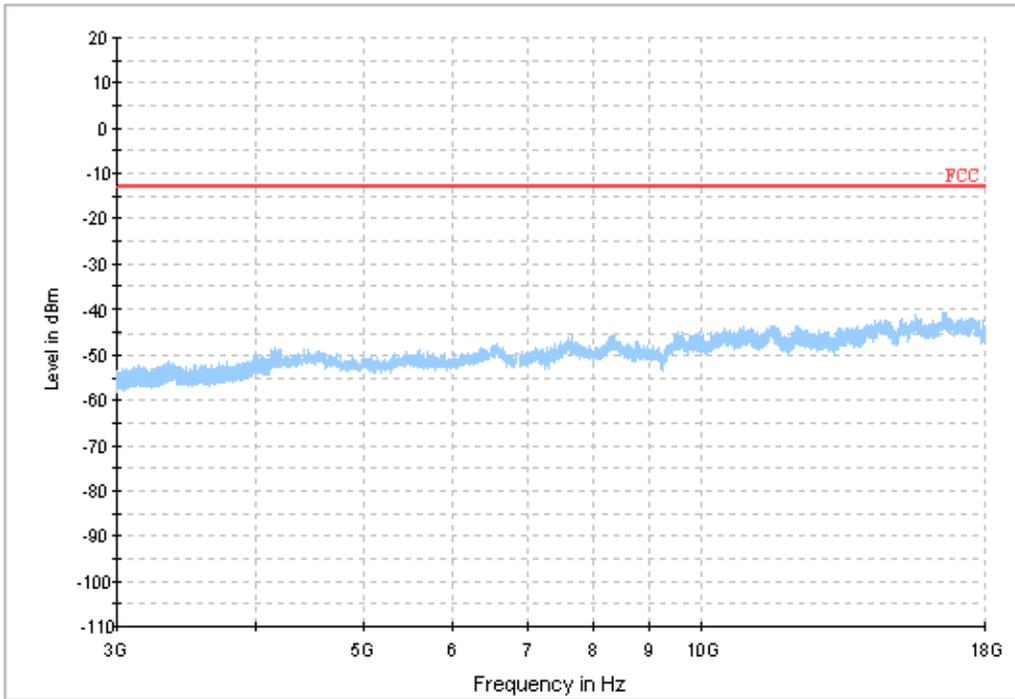
7.3.3.1 Test Bandwidth = 5



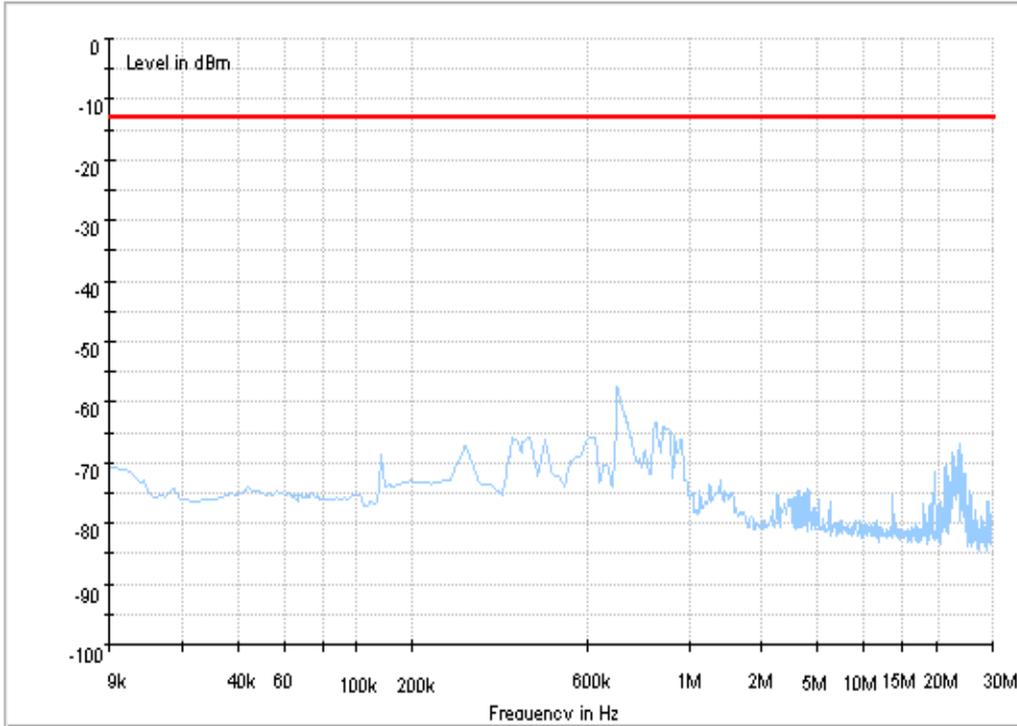
Copy of FCC PART22 LTE Band 5_L



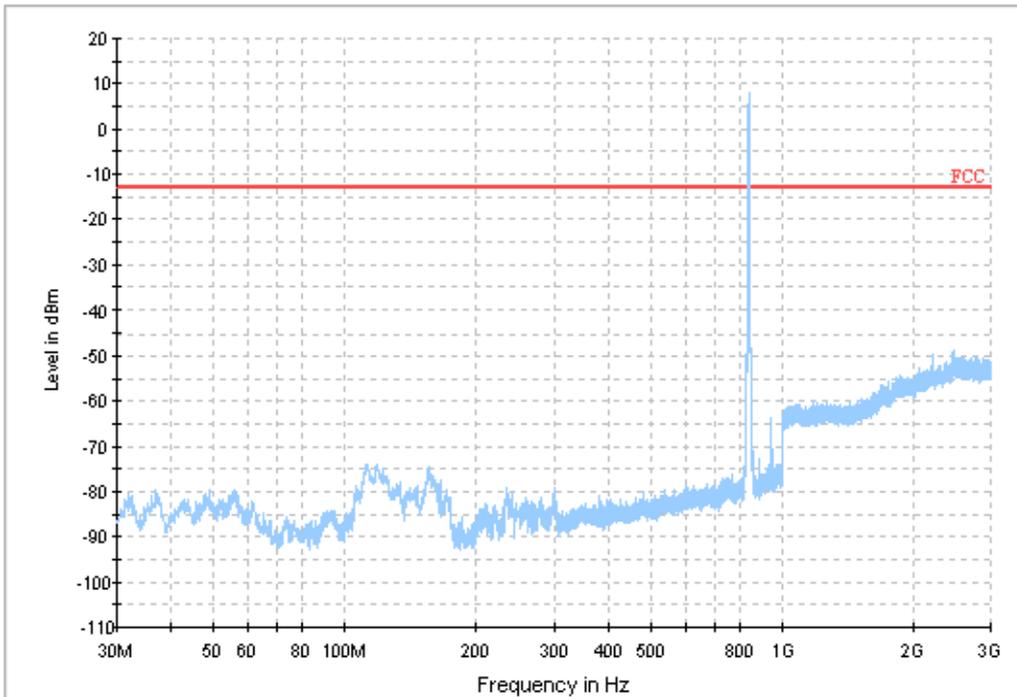
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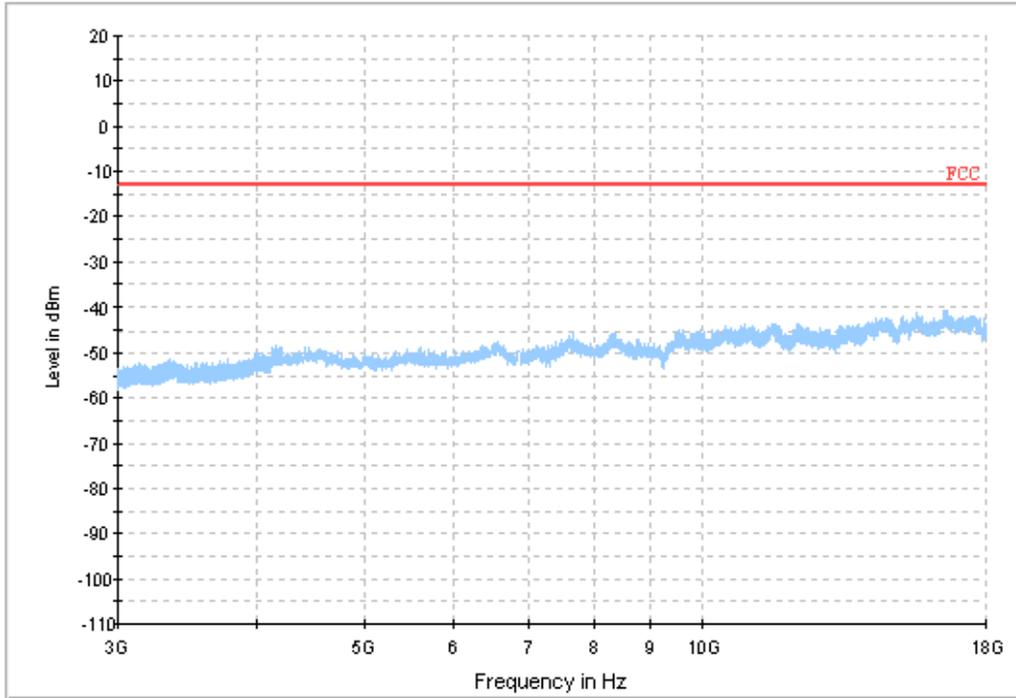
7.3.3.2 Test Bandwidth = 10



Copy of FCC PART22 LTE Band 5_L



Copy of FCC PART22 LTE Band 5_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	-5.88	-0.00713	PASS
				VN	2.71	0.00329	PASS
				VH	4.46	0.00541	PASS
		MCH	TN	VL	-5.94	-0.0071	PASS
				VN	-7.94	-0.00949	PASS
				VH	-10.78	-0.01289	PASS
		HCH	TN	VL	-11.95	-0.01408	PASS
				VN	-4.91	-0.00578	PASS
				VH	-4.84	-0.0057	PASS
	GSM/TM2	LCH	TN	VL	-17.82	-0.02162	PASS
				VN	-17.95	-0.02178	PASS
				VH	-20.92	-0.02538	PASS
		MCH	TN	VL	-20.79	-0.02485	PASS
				VN	-22.21	-0.02655	PASS
				VH	-22.15	-0.02648	PASS
		HCH	TN	VL	-21.57	-0.02541	PASS
				VN	-19.63	-0.02313	PASS
				VH	-22.86	-0.02693	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-15.17	-0.0082	PASS
				VN	-9.69	-0.00524	PASS
				VH	-14.14	-0.00764	PASS
		MCH	TN	VL	-37.84	-0.02013	PASS
				VN	-44.81	-0.02384	PASS
				VH	-38.48	-0.02047	PASS
	HCH	TN	VL	-30.61	-0.01603	PASS	
			VN	-31.90	-0.0167	PASS	
			VH	-26.67	-0.01396	PASS	
	GSM/TM2	LCH	TN	VL	-21.21	-0.01146	PASS
				VN	-16.63	-0.00899	PASS
				VH	-21.44	-0.01159	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	-46.17	-0.02456	PASS
				VN	-44.59	-0.02372	PASS
				VH	-43.36	-0.02306	PASS
		HCH	TN	VL	-43.94	-0.02301	PASS
				VN	-31.87	-0.01669	PASS
				VH	-26.64	-0.01395	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	-8.14	-0.00988	PASS
				-20	-5.94	-0.00721	PASS
				-10	-8.65	-0.0105	PASS
				0	-7.23	-0.00877	PASS
				10	-6.78	-0.00823	PASS
				20	-4.58	-0.00556	PASS
				30	-6.97	-0.00846	PASS
				40	-8.46	-0.01026	PASS
				50	-6.01	-0.00729	PASS
		MCH	VN	-30	-10.27	-0.01228	PASS
				-20	-17.69	-0.02115	PASS
				-10	-12.72	-0.0152	PASS
				0	-13.50	-0.01614	PASS
				10	-13.95	-0.01667	PASS
				20	-15.50	-0.01853	PASS
				30	-15.30	-0.01829	PASS
				40	-13.88	-0.01659	PASS
				50	-16.98	-0.0203	PASS
		HCH	VN	-30	-8.59	-0.01012	PASS
				-20	-7.81	-0.0092	PASS
				-10	-5.17	-0.00609	PASS
				0	-9.56	-0.01126	PASS
				10	-4.65	-0.00548	PASS
				20	-6.59	-0.00776	PASS
				30	-6.13	-0.00722	PASS
				40	-8.59	-0.01012	PASS
				50	-7.36	-0.00867	PASS
	GSM/TM2	LCH	VN	-30	-20.66	-0.02507	PASS
				-20	-18.92	-0.02296	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				-10	-16.66	-0.02021	PASS		
				0	-15.11	-0.01833	PASS		
				10	-17.79	-0.02158	PASS		
				20	-18.73	-0.02273	PASS		
				30	-18.69	-0.02268	PASS		
				40	-16.82	-0.02041	PASS		
				50	-15.37	-0.01865	PASS		
		MCH	VN	-30	-22.12	-0.02644	PASS		
				-20	-23.28	-0.02783	PASS		
				-10	-20.15	-0.02409	PASS		
				0	-26.83	-0.03207	PASS		
				10	-24.96	-0.02984	PASS		
				20	-27.70	-0.03311	PASS		
				30	-27.54	-0.03292	PASS		
				40	-28.67	-0.03427	PASS		
				50	-29.25	-0.03496	PASS		
		HCH	VN	-30	-22.73	-0.02678	PASS		
				-20	-17.66	-0.02081	PASS		
				-10	-22.37	-0.02635	PASS		
				0	-15.85	-0.01867	PASS		
				10	-20.31	-0.02393	PASS		
				20	-22.05	-0.02598	PASS		
				30	-22.57	-0.02659	PASS		
				40	-25.60	-0.03016	PASS		
				50	-25.76	-0.03035	PASS		
		GSM1900	GSM/TM1	LCH	VN	-30	-6.91	-0.00373	PASS
						-20	-6.13	-0.00331	PASS
-10	-8.65					-0.00468	PASS		
0	-7.81					-0.00422	PASS		
10	-5.42					-0.00293	PASS		
20	-16.01					-0.00865	PASS		
30	-8.65					-0.00468	PASS		
40	-4.91					-0.00265	PASS		
50	-13.24					-0.00716	PASS		
MCH	VN			-30	-32.61	-0.01735	PASS		
				-20	-36.87	-0.01961	PASS		
				-10	-37.90	-0.02016	PASS		
				0	-42.81	-0.02277	PASS		
				10	-32.93	-0.01752	PASS		
				20	-32.41	-0.01724	PASS		

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
				30	-34.42	-0.01831	PASS			
				40	-46.23	-0.02459	PASS			
				50	-36.94	-0.01965	PASS			
		HCH	VN	-30	-26.54	-0.0139	PASS			
				-20	-33.38	-0.01748	PASS			
				-10	-24.54	-0.01285	PASS			
				0	-22.92	-0.012	PASS			
				10	-23.31	-0.01221	PASS			
				20	-26.67	-0.01396	PASS			
				30	-24.41	-0.01278	PASS			
				40	-25.31	-0.01325	PASS			
				50	-25.25	-0.01322	PASS			
				GSM/TM2	LCH	VN	-30	-16.40	-0.00886	PASS
							-20	-14.17	-0.00766	PASS
							-10	-17.60	-0.00951	PASS
	0	-19.18	-0.01037				PASS			
	10	-9.56	-0.00517				PASS			
	20	-15.56	-0.00841				PASS			
	30	-15.11	-0.00817				PASS			
	40	-24.31	-0.01314				PASS			
	50	-22.92	-0.01239		PASS					
	MCH	VN	-30		-40.39	-0.02148	PASS			
			-20		-40.16	-0.02136	PASS			
			-10		-45.65	-0.02428	PASS			
			0		-45.88	-0.0244	PASS			
			10		-42.71	-0.02272	PASS			
			20		-41.87	-0.02227	PASS			
			30	-36.90	-0.01963	PASS				
	40	-38.00	-0.02021	PASS						
	50	-42.29	-0.02249	PASS						
	HCH	VN	-30	-40.26	-0.02108	PASS				
			-20	-28.70	-0.01503	PASS				
			-10	-32.38	-0.01695	PASS				
			0	-32.67	-0.01711	PASS				
			10	-38.68	-0.02025	PASS				
			20	-26.99	-0.01413	PASS				
			30	-29.09	-0.01523	PASS				
			40	-26.83	-0.01405	PASS				
	50	-31.35	-0.01642	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	-11.29	-0.01366	PASS
				VN	-1.42	-0.00172	PASS
				VH	-3.16	-0.00382	PASS
		MCH	TN	VL	-9.03	-0.0108	PASS
				VN	0.52	0.00062	PASS
				VH	-4.10	-0.0049	PASS
		HCH	TN	VL	-0.02	-0.00002	PASS
				VN	0.08	0.00009	PASS
				VH	-12.76	-0.01507	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	0.38	0.00021	PASS
				VN	5.74	0.0031	PASS
				VH	6.90	0.00372	PASS
		MCH	TN	VL	2.84	0.00151	PASS
				VN	-3.23	-0.00172	PASS
				VH	0.37	0.0002	PASS
		HCH	TN	VL	2.87	0.0015	PASS
				VN	-2.35	-0.00123	PASS
				VH	-7.86	-0.00412	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	-6.71	-0.00812	PASS
				-20	0.06	0.00007	PASS
				-10	-15.59	-0.01886	PASS
				0	-3.04	-0.00368	PASS
				10	-1.04	-0.00126	PASS
				20	2.52	0.00305	PASS
				30	-1.01	-0.00122	PASS
				40	-0.37	-0.00045	PASS
				50	-0.27	-0.00033	PASS
		MCH	VN	-30	-11.63	-0.0139	PASS
				-20	-6.82	-0.00815	PASS
				-10	-8.41	-0.01005	PASS
				0	2.27	0.00271	PASS
				10	-9.46	-0.01131	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				20	-6.48	-0.00775	PASS		
				30	-5.74	-0.00686	PASS		
				40	-1.89	-0.00226	PASS		
				50	-5.84	-0.00698	PASS		
		HCH	VN			-30	-5.05	-0.00597	PASS
						-20	1.21	0.00143	PASS
						-10	0.82	0.00097	PASS
						0	-5.87	-0.00693	PASS
						10	-5.40	-0.00638	PASS
						20	-9.43	-0.01114	PASS
						30	-9.45	-0.01116	PASS
						40	-4.01	-0.00474	PASS
						50	-4.91	-0.0058	PASS
						WCDMA1900	UMTS/TM1	LCH	VN
-20	6.50	0.00351	PASS						
-10	4.90	0.00265	PASS						
0	6.44	0.00348	PASS						
10	4.01	0.00216	PASS						
20	16.80	0.00907	PASS						
30	2.91	0.00157	PASS						
40	-3.45	-0.00186	PASS						
50	-12.57	-0.00679	PASS						
MCH	VN			-30	-7.45				
				-20	2.44			0.0013	PASS
				-10	-9.25			-0.00492	PASS
				0	2.11			0.00112	PASS
				10	-4.27			-0.00227	PASS
				20	-6.91			-0.00368	PASS
				30	0.73			0.00039	PASS
				40	-6.44			-0.00343	PASS
				50	0.93			0.00049	PASS
				HCH	VN				
-20	-2.33	-0.00122	PASS						
-10	9.23	0.00484	PASS						
0	3.05	0.0016	PASS						
10	-8.26	-0.00433	PASS						
20	-0.47	-0.00025	PASS						
30	0.52	0.00027	PASS						
40	-5.40	-0.00283	PASS						
50	2.41	0.00126	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	5	LCH	TN	VL	4.08	0.0022	PASS
					VN	4.26	0.0023	PASS
					VH	1.04	0.00056	PASS
			MCH	TN	VL	4.36	0.00232	PASS
					VN	5.65	0.00301	PASS
					VH	2.47	0.00131	PASS
			HCH	TN	VL	2.03	0.00106	PASS
					VN	1.63	0.00085	PASS
					VH	2.13	0.00112	PASS
		10	LCH	TN	VL	3.12	0.00168	PASS
					VN	2.15	0.00116	PASS
					VH	2.20	0.00119	PASS
			MCH	TN	VL	-0.14	-0.00007	PASS
					VN	-1.43	-0.00076	PASS
					VH	2.82	0.0015	PASS
			HCH	TN	VL	6.64	0.00349	PASS
					VN	0.67	0.00035	PASS
					VH	5.98	0.00314	PASS
		15	LCH	TN	VL	-0.63	-0.00034	PASS
					VN	1.22	0.00066	PASS
					VH	0.43	0.00023	PASS
			MCH	TN	VL	1.22	0.00065	PASS
					VN	0.76	0.0004	PASS
					VH	-1.93	-0.00103	PASS
			HCH	TN	VL	0.37	0.00019	PASS
					VN	1.39	0.00073	PASS
					VH	2.10	0.0011	PASS
		20	LCH	TN	VL	0.72	0.00039	PASS
					VN	0.60	0.00032	PASS
					VH	0.50	0.00027	PASS
			MCH	TN	VL	1.03	0.00055	PASS
					VN	1.34	0.00071	PASS
					VH	2.05	0.00109	PASS
			HCH	TN	VL	2.35	0.00124	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	TN	VN	2.13	0.00112	PASS
					VH	1.03	0.00054	PASS
					VL	1.22	0.00066	PASS
					VN	4.12	0.00222	PASS
					VH	8.20	0.00443	PASS
					VH	8.20	0.00443	PASS
			MCH	TN	VL	0.84	0.00045	PASS
					VN	4.92	0.00262	PASS
					VH	2.55	0.00136	PASS
					VH	2.55	0.00136	PASS
					VL	3.49	0.00183	PASS
					VN	3.71	0.00194	PASS
		HCH	TN	VH	3.55	0.00186	PASS	
				VH	3.55	0.00186	PASS	
				VL	2.33	0.00126	PASS	
				VN	0.06	0.00003	PASS	
				VH	-0.11	-0.00006	PASS	
				VH	-0.11	-0.00006	PASS	
		10	LCH	TN	VL	0.36	0.00019	PASS
					VN	2.55	0.00136	PASS
					VH	2.65	0.00141	PASS
					VH	2.65	0.00141	PASS
					VL	2.27	0.00119	PASS
					VN	-0.36	-0.00019	PASS
			MCH	TN	VH	1.82	0.00096	PASS
					VH	1.82	0.00096	PASS
					VL	-0.41	-0.00022	PASS
					VN	2.16	0.00116	PASS
					VH	1.24	0.00067	PASS
					VH	1.24	0.00067	PASS
		HCH	TN	VL	1.29	0.00069	PASS	
				VN	-0.84	-0.00045	PASS	
				VH	1.12	0.0006	PASS	
				VH	1.12	0.0006	PASS	
				VL	0.44	0.00023	PASS	
				VN	-0.09	-0.00005	PASS	
		15	LCH	TN	VH	0.94	0.00049	PASS
					VH	0.94	0.00049	PASS
					VL	0.47	0.00025	PASS
					VN	2.79	0.0015	PASS
					VH	1.54	0.00083	PASS
					VH	1.54	0.00083	PASS
MCH	TN		VL	0.53	0.00028	PASS		
			VN	1.23	0.00065	PASS		
			VH	1.85	0.00098	PASS		
			VH	1.85	0.00098	PASS		
			VL	3.42	0.0018	PASS		
			VN	2.78	0.00146	PASS		
HCH	TN	VH	1.69	0.00089	PASS			
		VH	1.69	0.00089	PASS			
		VL	3.42	0.0018	PASS			
		VN	2.78	0.00146	PASS			
		VH	1.69	0.00089	PASS			
		VH	1.69	0.00089	PASS			
BAND4	LTE/TM1	5	LCH	TN	VL	5.08	0.00297	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					VN	4.59	0.00268	PASS				
					VH	5.12	0.00299	PASS				
					MCH	TN	VL	9.63	0.00556	PASS		
							VN	-0.76	-0.00044	PASS		
					VH		VN	-0.09	-0.00005	PASS		
							VH	-0.09	-0.00005	PASS		
			HCH	TN	VL	1.54	0.00088	PASS				
					VN	-0.37	-0.00021	PASS				
					VH	2.62	0.0015	PASS				
					10	LCH	TN	VL	1.86	0.00108	PASS	
								VN	1.10	0.00064	PASS	
								VH	0.87	0.00051	PASS	
		MCH	TN	VL	0.47	0.00027	PASS					
				VN	-4.81	-0.00278	PASS					
				VH	-1.20	-0.00069	PASS					
				HCH	TN	VL	1.66	0.00095	PASS			
						VN	1.54	0.00088	PASS			
						VH	3.12	0.00178	PASS			
		15	LCH	TN	VL	2.16	0.00126	PASS				
					VN	1.40	0.00082	PASS				
					VH	2.12	0.00123	PASS				
			MCH	TN	VL	1.16	0.00067	PASS				
					VN	-0.56	-0.00032	PASS				
					VH	-0.06	-0.00003	PASS				
					HCH	TN	VL	5.97	0.00342	PASS		
							VN	3.71	0.00212	PASS		
							VH	3.63	0.00208	PASS		
		20	LCH	TN	VL	0.73	0.00042	PASS				
					VN	1.36	0.00079	PASS				
					VH	-2.36	-0.00137	PASS				
					MCH	TN	VL	-2.63	-0.00152	PASS		
							VN	-2.32	-0.00134	PASS		
							VH	0.60	0.00035	PASS		
			HCH	TN	VL	-0.44	-0.00025	PASS				
					VN	-0.84	-0.00048	PASS				
					VH	-0.39	-0.00022	PASS				
					LTE/TM2	5	LCH	TN	VL	2.69	0.00157	PASS
									VN	3.38	0.00197	PASS
									VH	1.34	0.00078	PASS
		MCH	TN	VL			2.25	0.0013	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	1.30	0.00075	PASS	
					VH	3.19	0.00184	PASS	
					VL	6.52	0.00372	PASS	
			HCH	TN	VN	-0.82	-0.00047	PASS	
					VH	1.80	0.00103	PASS	
					VL	1.09	0.00064	PASS	
		10	LCH	TN	VN	0.94	0.00055	PASS	
					VH	-0.13	-0.00008	PASS	
					VL	-0.13	-0.00008	PASS	
			MCH	TN	VN	-1.33	-0.00077	PASS	
					VH	3.58	0.00207	PASS	
					VL	3.33	0.0019	PASS	
			HCH	TN	VN	1.39	0.00079	PASS	
					VH	-0.47	-0.00027	PASS	
					VL	0.39	0.00023	PASS	
			15	LCH	TN	VN	-1.33	-0.00077	PASS
						VH	0.50	0.00029	PASS
						VL	-0.51	-0.00029	PASS
		MCH		TN	VN	0.94	0.00054	PASS	
					VH	1.09	0.00063	PASS	
					VL	0.41	0.00023	PASS	
		HCH		TN	VN	1.69	0.00097	PASS	
					VH	-0.66	-0.00038	PASS	
					VL	-1.22	-0.00071	PASS	
		20	LCH	TN	VN	1.10	0.00064	PASS	
					VH	0.16	0.00009	PASS	
					VL	-1.56	-0.0009	PASS	
			MCH	TN	VN	-1.20	-0.00069	PASS	
					VH	1.34	0.00077	PASS	
					VL	-0.92	-0.00053	PASS	
HCH	TN		VN	-1.07	-0.00061	PASS			
			VH	-2.73	-0.00156	PASS			
			VL	2.78	0.00336	PASS			
BAND5	LTE/TM1	5	LCH	TN	VN	0.34	0.00041	PASS	
					VH	3.73	0.00451	PASS	
					VL	3.28	0.00392	PASS	
			MCH	TN	VN	2.76	0.0033	PASS	
					VH	6.91	0.00826	PASS	
			HCH	TN	VL	-0.69	-0.00082	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		10	LCH	TN	VN	-3.05	-0.0036	PASS	
					VH	6.18	0.0073	PASS	
					VL	0.43	0.00052	PASS	
			MCH	TN	VN	0.69	0.00083	PASS	
					VH	-2.40	-0.0029	PASS	
					VL	0.66	0.00079	PASS	
		HCH	TN	VN	2.78	0.00332	PASS		
				VH	4.29	0.00513	PASS		
				VL	-0.99	-0.00117	PASS		
		LTE/TM2	5	LCH	TN	VN	9.61	0.01139	PASS
						VH	1.43	0.00169	PASS
						VL	2.99	0.00362	PASS
				MCH	TN	VN	0.21	0.00025	PASS
						VH	4.31	0.00521	PASS
						VL	7.45	0.00891	PASS
	HCH		TN	VN	1.30	0.00155	PASS		
				VH	6.02	0.0072	PASS		
				VL	-10.84	-0.01281	PASS		
	10		LCH	TN	VN	-1.56	-0.00184	PASS	
					VH	22.86	0.02701	PASS	
					VL	-1.14	-0.00138	PASS	
			MCH	TN	VN	0.94	0.00113	PASS	
					VH	3.12	0.00376	PASS	
					VL	-34.00	-0.04065	PASS	
		HCH	TN	VN	-1.93	-0.00231	PASS		
				VH	7.00	0.00837	PASS		
				VL	-0.80	-0.00095	PASS		
						VN	-1.65	-0.00195	PASS
						VH	7.58	0.00898	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	5	LCH	VN	-30	3.59	0.00194	PASS
					-20	4.68	0.00253	PASS
					-10	3.58	0.00193	PASS
					0	4.01	0.00216	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					10	4.85	0.00262	PASS	
					20	3.78	0.00204	PASS	
					30	7.38	0.00398	PASS	
					40	2.42	0.00131	PASS	
					50	3.20	0.00173	PASS	
			MCH	VN	-30	4.72	0.00251	PASS	
					-20	3.03	0.00161	PASS	
					-10	-0.79	-0.00042	PASS	
					0	3.05	0.00162	PASS	
					10	2.65	0.00141	PASS	
					20	3.20	0.0017	PASS	
					30	2.39	0.00127	PASS	
					40	3.28	0.00174	PASS	
			HCH	VN	50	3.03	0.00161	PASS	
					-30	-0.56	-0.00029	PASS	
					-20	3.76	0.00197	PASS	
					-10	3.45	0.00181	PASS	
					0	1.82	0.00095	PASS	
					10	2.16	0.00113	PASS	
					20	4.41	0.00231	PASS	
					30	-0.70	-0.00037	PASS	
			10	LCH	VN	40	0.90	0.00047	PASS
						50	3.68	0.00193	PASS
						-30	-1.87	-0.00101	PASS
						-20	-0.49	-0.00026	PASS
						-10	2.52	0.00136	PASS
						0	-1.73	-0.00093	PASS
						10	0.37	0.0002	PASS
						20	2.52	0.00136	PASS
						30	0.97	0.00052	PASS
						40	0.59	0.00032	PASS
			MCH	VN	50	-0.20	-0.00011	PASS	
					-30	-2.35	-0.00125	PASS	
-20	3.71	0.00197			PASS				
-10	-1.23	-0.00065			PASS				
0	1.70	0.0009			PASS				
10	0.73	0.00039			PASS				
20	1.44	0.00077			PASS				
30	2.37	0.00126	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-2.75	-0.00146	PASS
					50	4.28	0.00228	PASS
			HCH	VN	-30	1.24	0.00065	PASS
					-20	1.67	0.00088	PASS
					-10	1.47	0.00077	PASS
					0	2.20	0.00115	PASS
					10	-0.24	-0.00013	PASS
					20	2.63	0.00138	PASS
					30	1.40	0.00073	PASS
					40	-0.96	-0.0005	PASS
		50	1.53	0.0008	PASS			
		15	LCH	VN	-30	-2.12	-0.00114	PASS
					-20	4.56	0.00245	PASS
					-10	0.90	0.00048	PASS
					0	1.82	0.00098	PASS
					10	-1.54	-0.00083	PASS
					20	-0.04	-0.00002	PASS
					30	-0.51	-0.00027	PASS
					40	2.43	0.00131	PASS
			50	2.35	0.00127	PASS		
			MCH	VN	-30	2.15	0.00114	PASS
					-20	-0.50	-0.00027	PASS
					-10	0.67	0.00036	PASS
					0	-2.66	-0.00141	PASS
					10	-1.27	-0.00068	PASS
					20	3.32	0.00177	PASS
					30	-4.21	-0.00224	PASS
					40	0.46	0.00024	PASS
			50	-0.33	-0.00018	PASS		
			HCH	VN	-30	-0.83	-0.00044	PASS
					-20	0.03	0.00002	PASS
					-10	2.55	0.00134	PASS
					0	-0.63	-0.00033	PASS
					10	-2.23	-0.00117	PASS
					20	2.43	0.00128	PASS
					30	1.67	0.00088	PASS
					40	0.36	0.00019	PASS
			50	-1.39	-0.00073	PASS		
			20	LCH	VN	-30	-0.03	-0.00002

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	1.10	0.00059	PASS		
					-10	2.33	0.00125	PASS		
					0	2.37	0.00127	PASS		
					10	0.36	0.00019	PASS		
					20	2.93	0.00158	PASS		
					30	1.73	0.00093	PASS		
					40	0.29	0.00016	PASS		
					50	0.82	0.00044	PASS		
			MCH	VN	-30	6.17	0.00328	PASS		
					-20	-0.63	-0.00034	PASS		
					-10	-0.13	-0.00007	PASS		
					0	-1.40	-0.00074	PASS		
					10	1.33	0.00071	PASS		
					20	-2.42	-0.00129	PASS		
					30	0.92	0.00049	PASS		
					40	5.66	0.00301	PASS		
			HCH	VN	-30	-0.03	-0.00002	PASS		
					-20	-2.53	-0.00133	PASS		
					-10	-1.42	-0.00075	PASS		
					0	-1.07	-0.00056	PASS		
					10	0.39	0.00021	PASS		
					20	-2.52	-0.00133	PASS		
					30	1.16	0.00061	PASS		
					40	-0.84	-0.00044	PASS		
			LTE/TM2	5	LCH	VN	-30	4.82	0.0026	PASS
							-20	2.39	0.00129	PASS
							-10	5.62	0.00303	PASS
							0	1.29	0.0007	PASS
	10	4.13					0.00223	PASS		
	20	2.07					0.00112	PASS		
	30	3.08					0.00166	PASS		
	40	6.28					0.00339	PASS		
	50	3.52			0.0019	PASS				
	MCH	VN			-30	2.86	0.00152	PASS		
					-20	4.29	0.00228	PASS		
					-10	3.59	0.00191	PASS		
			0	3.32	0.00177	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	3.09	0.00164	PASS
					20	6.14	0.00327	PASS
					30	0.69	0.00037	PASS
					40	0.20	0.00011	PASS
					50	3.40	0.00181	PASS
			HCH	VN	-30	3.26	0.00171	PASS
					-20	2.03	0.00106	PASS
					-10	2.55	0.00134	PASS
					0	9.50	0.00498	PASS
					10	3.68	0.00193	PASS
					20	1.39	0.00073	PASS
					30	3.09	0.00162	PASS
					40	5.19	0.00272	PASS
					50	1.49	0.00078	PASS
					LCH	VN	-30	-0.07
			-20	-0.24			-0.00013	PASS
			-10	-2.32			-0.00125	PASS
			0	3.58			0.00193	PASS
			10	0.82			0.00044	PASS
			20	-1.29			-0.0007	PASS
		30	0.41	0.00022			PASS	
		40	1.23	0.00066			PASS	
		50	0.17	0.00009			PASS	
		MCH	VN	-30			-0.23	-0.00012
				-20	1.40	0.00074	PASS	
				-10	2.09	0.00111	PASS	
				0	1.65	0.00088	PASS	
				10	-1.80	-0.00096	PASS	
				20	3.53	0.00188	PASS	
				30	0.72	0.00038	PASS	
				40	2.20	0.00117	PASS	
				50	-1.06	-0.00056	PASS	
				HCH	VN	-30	1.96	0.00103
		-20	0.13			0.00007	PASS	
		-10	0.29			0.00015	PASS	
		0	0.41			0.00022	PASS	
		10	-1.79			-0.00094	PASS	
		20	1.67			0.00088	PASS	
		30	-0.10			-0.00005	PASS	
				10			-30	-0.07
-20	-0.24						-0.00013	PASS
-10	-2.32						-0.00125	PASS
0	3.58						0.00193	PASS
10	0.82						0.00044	PASS
LCH	VN				20	-1.29	-0.0007	PASS
					30	0.41	0.00022	PASS
					40	1.23	0.00066	PASS
					50	0.17	0.00009	PASS
					-30	-0.23	-0.00012	PASS
		-20	1.40		0.00074	PASS		
		-10	2.09		0.00111	PASS		
		0	1.65		0.00088	PASS		
		10	-1.80		-0.00096	PASS		
		20	3.53		0.00188	PASS		
MCH	VN	30	0.72		0.00038	PASS		
		40	2.20		0.00117	PASS		
		50	-1.06		-0.00056	PASS		
		-30	1.96		0.00103	PASS		
		-20	0.13		0.00007	PASS		
		-10	0.29	0.00015	PASS			
		0	0.41	0.00022	PASS			
		10	-1.79	-0.00094	PASS			
		20	1.67	0.00088	PASS			
		30	-0.10	-0.00005	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.47	0.00077	PASS
					50	3.39	0.00178	PASS
		15	LCH	VN	-30	2.35	0.00127	PASS
					-20	-1.57	-0.00085	PASS
					-10	1.07	0.00058	PASS
					0	-2.39	-0.00129	PASS
					10	1.23	0.00066	PASS
					20	2.26	0.00122	PASS
					30	-2.96	-0.00159	PASS
					40	0.31	0.00017	PASS
					50	1.76	0.00095	PASS
					MCH	VN	-30	-1.04
			-20	-1.52			-0.00081	PASS
			-10	-0.34			-0.00018	PASS
			0	-0.92			-0.00049	PASS
			10	-1.95			-0.00104	PASS
			20	-0.73			-0.00039	PASS
			30	2.05			0.00109	PASS
			40	-2.39			-0.00127	PASS
			HCH	VN	-30	1.06	0.00056	PASS
		-20			2.59	0.00136	PASS	
		-10			1.32	0.00069	PASS	
		0			1.50	0.00079	PASS	
		10			-0.47	-0.00025	PASS	
		20			0.20	0.00011	PASS	
		30			2.96	0.00156	PASS	
		40			-0.77	-0.0004	PASS	
		20	LCH	VN	-30	3.08	0.00166	PASS
					-20	3.20	0.00172	PASS
					-10	0.51	0.00027	PASS
					0	3.23	0.00174	PASS
					10	3.68	0.00198	PASS
					20	1.83	0.00098	PASS
					30	1.17	0.00063	PASS
					40	2.26	0.00122	PASS
					50	-10.60	-0.0057	PASS
					MCH	VN	-30	-1.30



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					-20	1.87	0.00099	PASS			
					-10	0.53	0.00028	PASS			
					0	0.86	0.00046	PASS			
					10	1.75	0.00093	PASS			
					20	-2.02	-0.00107	PASS			
					30	0.47	0.00025	PASS			
					40	0.09	0.00005	PASS			
					50	0.54	0.00029	PASS			
			HCH	VN	-30	0.66	0.00035	PASS			
					-20	1.95	0.00103	PASS			
					-10	1.76	0.00093	PASS			
					0	1.00	0.00053	PASS			
					10	1.79	0.00094	PASS			
					20	1.09	0.00057	PASS			
					30	0.74	0.00039	PASS			
					40	1.92	0.00101	PASS			
			BAND4	LTE/TM1	5	LCH	VN	-30	5.92	0.00346	PASS
								-20	0.93	0.00054	PASS
-10	0.47	0.00027						PASS			
0	4.39	0.00256						PASS			
10	0.66	0.00039						PASS			
20	4.69	0.00274						PASS			
30	0.83	0.00048						PASS			
40	7.05	0.00412						PASS			
50	-0.04	-0.00002				PASS					
MCH	VN	-30				2.93	0.00169	PASS			
		-20				4.39	0.00253	PASS			
		-10				2.85	0.00165	PASS			
		0				3.46	0.002	PASS			
		10				1.89	0.00109	PASS			
		20				1.33	0.00077	PASS			
		30				3.06	0.00177	PASS			
		40				2.85	0.00165	PASS			
50	2.95	0.0017				PASS					
HCH	VN	-30	-1.52	-0.00087	PASS						
		-20	-0.83	-0.00047	PASS						
		-10	0.04	0.00002	PASS						
		0	-2.82	-0.00161	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.39	-0.00079	PASS
					20	2.80	0.0016	PASS
					30	0.03	0.00002	PASS
					40	2.19	0.00125	PASS
					50	0.80	0.00046	PASS
		10	LCH	VN	-30	0.96	0.00056	PASS
					-20	1.85	0.00108	PASS
					-10	0.36	0.00021	PASS
					0	4.03	0.00235	PASS
					10	1.57	0.00092	PASS
					20	1.19	0.00069	PASS
					30	3.43	0.002	PASS
					40	2.53	0.00148	PASS
					50	-1.57	-0.00092	PASS
					MCH	VN	-30	0.99
			-20	3.22			0.00186	PASS
			-10	1.04			0.0006	PASS
			0	3.12			0.0018	PASS
			10	-1.77			-0.00102	PASS
			20	-2.15			-0.00124	PASS
			30	0.33			0.00019	PASS
			40	-2.22			-0.00128	PASS
			HCH	VN	50	-2.16	-0.00125	PASS
					-30	4.29	0.00245	PASS
					-20	0.27	0.00015	PASS
					-10	0.54	0.00031	PASS
					0	0.09	0.00005	PASS
					10	0.06	0.00003	PASS
		20			0.54	0.00031	PASS	
		15	LCH	VN	30	0.40	0.00023	PASS
					40	0.27	0.00015	PASS
					50	-0.73	-0.00042	PASS
					-30	1.83	0.00107	PASS
-20	0.84				0.00049	PASS		
-10	1.09				0.00063	PASS		
0	2.33				0.00136	PASS		
10	-0.54	-0.00031	PASS					
20	1.07	0.00062	PASS					
30	0.16	0.00009	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.12	0.00065	PASS
					50	2.66	0.00155	PASS
			MCH	VN	-30	-3.78	-0.00218	PASS
					-20	0.20	0.00012	PASS
					-10	-1.23	-0.00071	PASS
					0	2.10	0.00121	PASS
					10	0.79	0.00046	PASS
					20	0.20	0.00012	PASS
					30	2.46	0.00142	PASS
					40	1.19	0.00069	PASS
					50	1.66	0.00096	PASS
					HCH	VN	-30	-0.21
			-20	0.39			0.00022	PASS
			-10	2.45			0.0014	PASS
			0	1.27			0.00073	PASS
			10	0.84			0.00048	PASS
			20	-1.90			-0.00109	PASS
			30	2.17			0.00124	PASS
			40	0.96			0.00055	PASS
			20	LCH	VN	-30	1.29	0.00075
		-20				0.27	0.00016	PASS
		-10				2.17	0.00126	PASS
		0				-0.56	-0.00033	PASS
		10				2.39	0.00139	PASS
		20				0.40	0.00023	PASS
		30				0.83	0.00048	PASS
		40				-0.86	-0.0005	PASS
		50				2.15	0.00125	PASS
		MCH				VN	-30	1.26
				-20	-0.04		-0.00002	PASS
				-10	0.66		0.00038	PASS
				0	-2.37		-0.00137	PASS
				10	1.62		0.00094	PASS
				20	0.97		0.00056	PASS
				30	0.76		0.00044	PASS
				40	3.15		0.00182	PASS
				50	0.99		0.00057	PASS
				HCH	VN		-30	-0.77

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-2.03	-0.00116	PASS	
					-10	-0.59	-0.00034	PASS	
					0	0.29	0.00017	PASS	
					10	-1.62	-0.00093	PASS	
					20	-0.19	-0.00011	PASS	
					30	-0.80	-0.00046	PASS	
					40	-0.54	-0.00031	PASS	
					50	0.17	0.0001	PASS	
	LTE/TM2	5		LCH	VN	-30	-0.31	-0.00018	PASS
						-20	0.06	0.00004	PASS
						-10	4.56	0.00266	PASS
						0	2.93	0.00171	PASS
						10	1.27	0.00074	PASS
						20	4.42	0.00258	PASS
						30	1.70	0.00099	PASS
						40	3.08	0.0018	PASS
				50		2.05	0.0012	PASS	
				MCH		-30	-2.86	-0.00165	PASS
						-20	3.50	0.00202	PASS
						-10	2.93	0.00169	PASS
						0	0.40	0.00023	PASS
						10	1.03	0.00059	PASS
						20	0.46	0.00027	PASS
						30	2.56	0.00148	PASS
						40	0.24	0.00014	PASS
				50		0.29	0.00017	PASS	
				HCH		-30	2.50	0.00143	PASS
						-20	0.67	0.00038	PASS
						-10	2.80	0.0016	PASS
						0	2.92	0.00167	PASS
						10	0.80	0.00046	PASS
						20	0.84	0.00048	PASS
		30	-0.92		-0.00052	PASS			
		40	1.79		0.00102	PASS			
		50	2.05	0.00117	PASS				
		10	LCH		VN	-30	-3.05	-0.00178	PASS
						-20	0.70	0.00041	PASS
						-10	-0.24	-0.00014	PASS
						0	0.51	0.0003	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-1.80	-0.00105	PASS			
					20	1.62	0.00094	PASS			
					30	0.27	0.00016	PASS			
					40	4.45	0.00259	PASS			
					50	0.46	0.00027	PASS			
			MCH	VN	-30	-2.29	-0.00132	PASS			
					-20	3.06	0.00177	PASS			
					-10	1.62	0.00094	PASS			
					0	-0.90	-0.00052	PASS			
					10	0.47	0.00027	PASS			
					20	3.71	0.00214	PASS			
					30	2.99	0.00173	PASS			
					40	-0.67	-0.00039	PASS			
					50	4.11	0.00237	PASS			
					HCH	VN	-30	2.55	0.00146	PASS	
			-20	1.85			0.00106	PASS			
			-10	-1.13			-0.00065	PASS			
			0	0.82			0.00047	PASS			
			10	2.37			0.00135	PASS			
			20	0.51			0.00029	PASS			
			30	0.21			0.00012	PASS			
			40	0.26			0.00015	PASS			
			15			LCH	VN	-30	0.76	0.00044	PASS
								-20	0.86	0.0005	PASS
								-10	0.30	0.00017	PASS
								0	-0.34	-0.0002	PASS
								10	1.53	0.00089	PASS
								20	0.64	0.00037	PASS
								30	0.24	0.00014	PASS
						40	0.13	0.00008	PASS		
						50	-1.10	-0.00064	PASS		
						MCH	VN	-30	-2.40	-0.00139	PASS
								-20	3.62	0.00209	PASS
								-10	0.97	0.00056	PASS
								0	4.11	0.00237	PASS
			10	2.57	0.00148			PASS			
20	5.84	0.00337	PASS								
30	2.90	0.00167	PASS								

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.72	0.00157	PASS
					50	2.59	0.00149	PASS
			HCH	VN	-30	-1.56	-0.00089	PASS
					-20	4.18	0.00239	PASS
					-10	0.14	0.00008	PASS
					0	1.33	0.00076	PASS
					10	1.80	0.00103	PASS
					20	2.85	0.00163	PASS
					30	1.49	0.00085	PASS
					40	1.63	0.00093	PASS
					50	4.88	0.00279	PASS
					20	LCH	VN	-30
		-20	-0.40	-0.00023				PASS
		-10	3.18	0.00185				PASS
		0	0.33	0.00019				PASS
		10	-0.13	-0.00008				PASS
		20	-0.90	-0.00052				PASS
		30	-0.80	-0.00047				PASS
		40	-0.49	-0.00028				PASS
		50	0.83	0.00048				PASS
		MCH	VN	-30		0.34	0.0002	PASS
				-20		2.53	0.00146	PASS
				-10		3.72	0.00215	PASS
				0		1.16	0.00067	PASS
				10		1.37	0.00079	PASS
				20		-0.63	-0.00036	PASS
				30		3.09	0.00178	PASS
				40		1.59	0.00092	PASS
				50		0.37	0.00021	PASS
		HCH	VN	-30	1.86	0.00107	PASS	
				-20	1.82	0.00104	PASS	
				-10	1.53	0.00088	PASS	
0	0.06			0.00003	PASS			
10	0.92			0.00053	PASS			
20	-1.34			-0.00077	PASS			
30	1.33			0.00076	PASS			
40	0.17			0.0001	PASS			
50	2.59	0.00148	PASS					
BAND5	LTE/TM1	5	LCH	VN	-30	1.82	0.0022	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	0.11	0.00013	PASS	
					-10	3.35	0.00405	PASS	
					0	-0.59	-0.00071	PASS	
					10	2.68	0.00324	PASS	
					20	2.90	0.00351	PASS	
					30	4.99	0.00604	PASS	
					40	-1.19	-0.00144	PASS	
					50	2.10	0.00254	PASS	
			MCH	VN	-30	4.51	0.00539	PASS	
					-20	6.61	0.0079	PASS	
					-10	0.92	0.0011	PASS	
					0	1.72	0.00206	PASS	
					10	-0.50	-0.0006	PASS	
					20	5.18	0.00619	PASS	
					30	1.23	0.00147	PASS	
					40	2.32	0.00277	PASS	
			HCH	VN	-30	0.89	0.00105	PASS	
					-20	-14.00	-0.01654	PASS	
					-10	7.12	0.00841	PASS	
					0	11.46	0.01354	PASS	
					10	0.43	0.00051	PASS	
					20	6.04	0.00714	PASS	
					30	-0.24	-0.00028	PASS	
					40	13.83	0.01634	PASS	
			10	LCH	VN	-30	3.15	0.0038	PASS
						-20	1.06	0.00128	PASS
						-10	2.13	0.00257	PASS
						0	12.95	0.01562	PASS
		10				-0.56	-0.00068	PASS	
		20				6.21	0.00749	PASS	
		30				5.39	0.0065	PASS	
		40				-6.47	-0.0078	PASS	
		50		-23.17	-0.02795	PASS			
		MCH		VN	-30	24.52	0.02931	PASS	
					-20	-12.62	-0.01509	PASS	
					-10	38.92	0.04653	PASS	
			0		-53.01	-0.06337	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	33.03	0.03949	PASS
					20	-50.55	-0.06043	PASS
					30	-6.61	-0.0079	PASS
					40	15.06	0.018	PASS
					50	-0.30	-0.00036	PASS
			HCH	VN	-30	1.83	0.00217	PASS
					-20	3.83	0.00454	PASS
					-10	2.19	0.00259	PASS
					0	3.35	0.00397	PASS
					10	1.57	0.00186	PASS
					20	1.22	0.00145	PASS
					30	5.74	0.0068	PASS
					40	1.57	0.00186	PASS
			50	3.35	0.00397	PASS		
			LCH	VN	-30	-0.99	-0.0012	PASS
					-20	8.91	0.01078	PASS
					-10	-10.21	-0.01235	PASS
					0	3.72	0.0045	PASS
	10	3.13			0.00379	PASS		
	20	-0.94			-0.00114	PASS		
	30	4.71			0.0057	PASS		
	40	1.99			0.00241	PASS		
	50	5.19			0.00628	PASS		
	MCH	VN			-30	3.85	0.0046	PASS
					-20	-3.30	-0.00395	PASS
					-10	-0.93	-0.00111	PASS
					0	-2.06	-0.00246	PASS
					10	4.53	0.00542	PASS
					20	5.92	0.00708	PASS
					30	3.96	0.00473	PASS
					40	2.39	0.00286	PASS
	50	0.03			0.00004	PASS		
	HCH	VN	-30	6.15	0.00727	PASS		
			-20	1.89	0.00223	PASS		
			-10	7.44	0.00879	PASS		
			0	1.79	0.00211	PASS		
10			3.65	0.00431	PASS			
20			-3.72	-0.00439	PASS			
30			-0.66	-0.00078	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.47	0.00292	PASS
					50	11.32	0.01337	PASS
		10	LCH	VN	-30	1.54	0.00186	PASS
					-20	-0.40	-0.00048	PASS
					-10	-1.09	-0.00131	PASS
					0	6.35	0.00766	PASS
					10	6.79	0.00819	PASS
					20	0.64	0.00077	PASS
					30	-2.70	-0.00326	PASS
					40	0.49	0.00059	PASS
					50	17.31	0.02088	PASS
					MCH	VN	-30	-2.06
			-20	7.41			0.00886	PASS
			-10	-0.24			-0.00029	PASS
			0	3.16			0.00378	PASS
			10	0.80			0.00096	PASS
			20	-6.91			-0.00826	PASS
			30	2.15			0.00257	PASS
			40	-0.43			-0.00051	PASS
			HCH	VN	50	4.71	0.00563	PASS
					-30	-3.49	-0.00414	PASS
					-20	3.53	0.00418	PASS
					-10	5.82	0.0069	PASS
					0	5.59	0.00662	PASS
					10	6.12	0.00725	PASS
					20	-66.96	-0.07934	PASS
		30			3.30	0.00391	PASS	
		40	1.43	0.00169	PASS			
					50	-45.26	-0.05363	PASS

END