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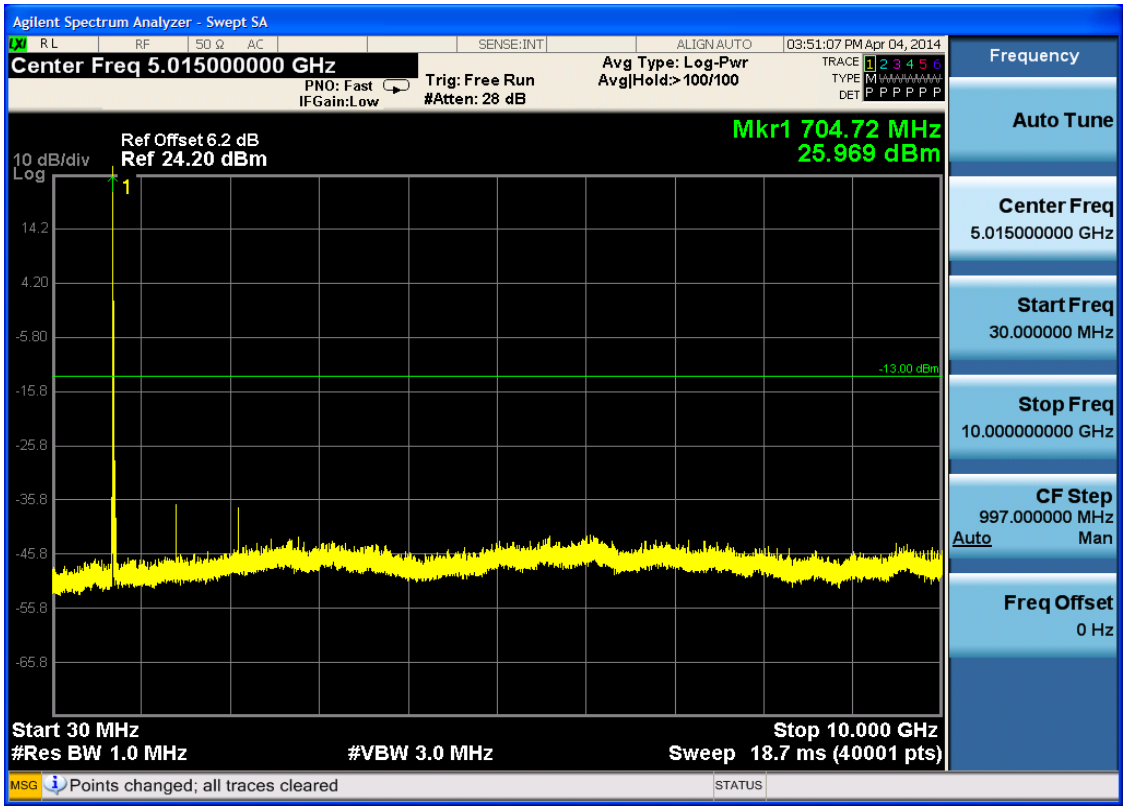

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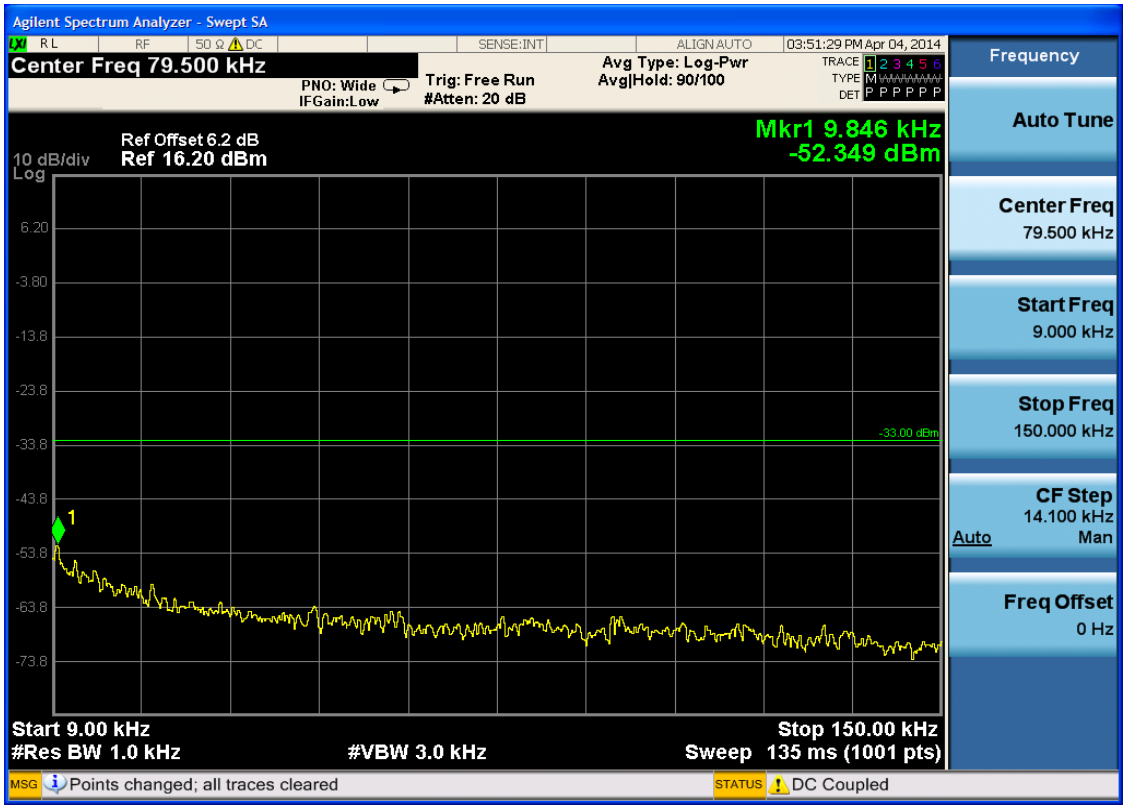
6.3.3.1.2.2 Test Channel = MCH

6.3.3.1.2.2.1 Test RB = RB1#0



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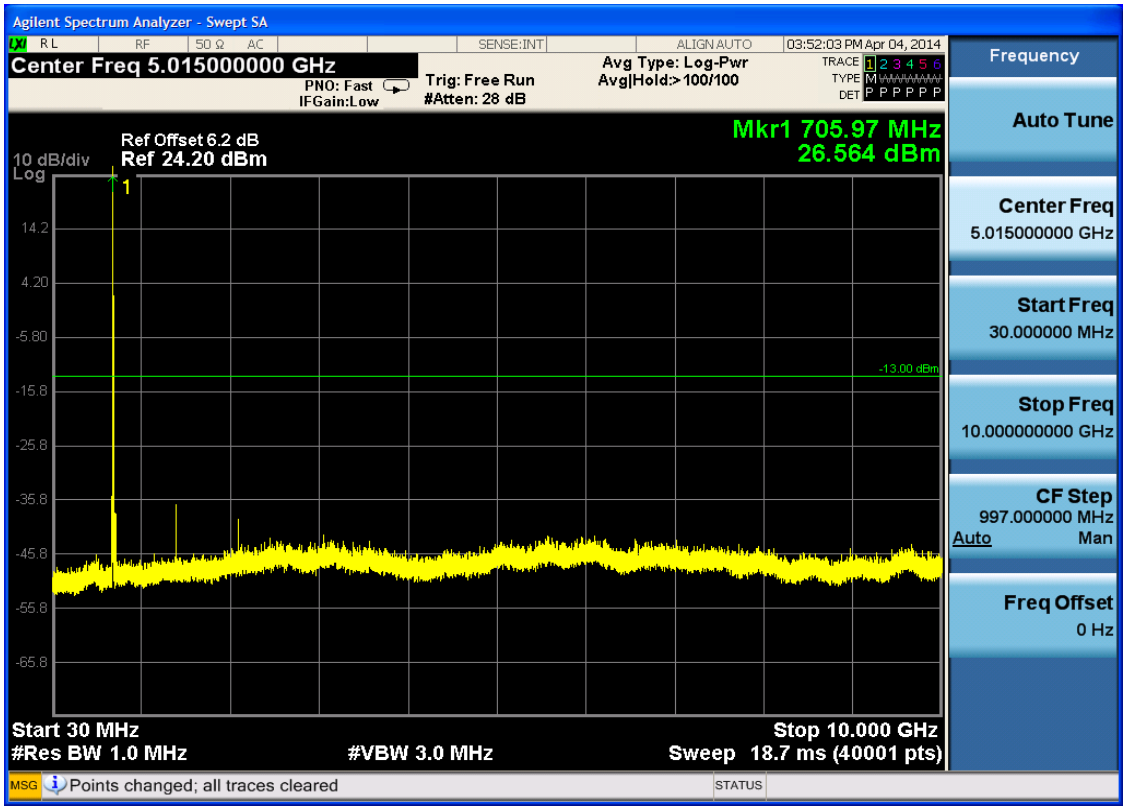

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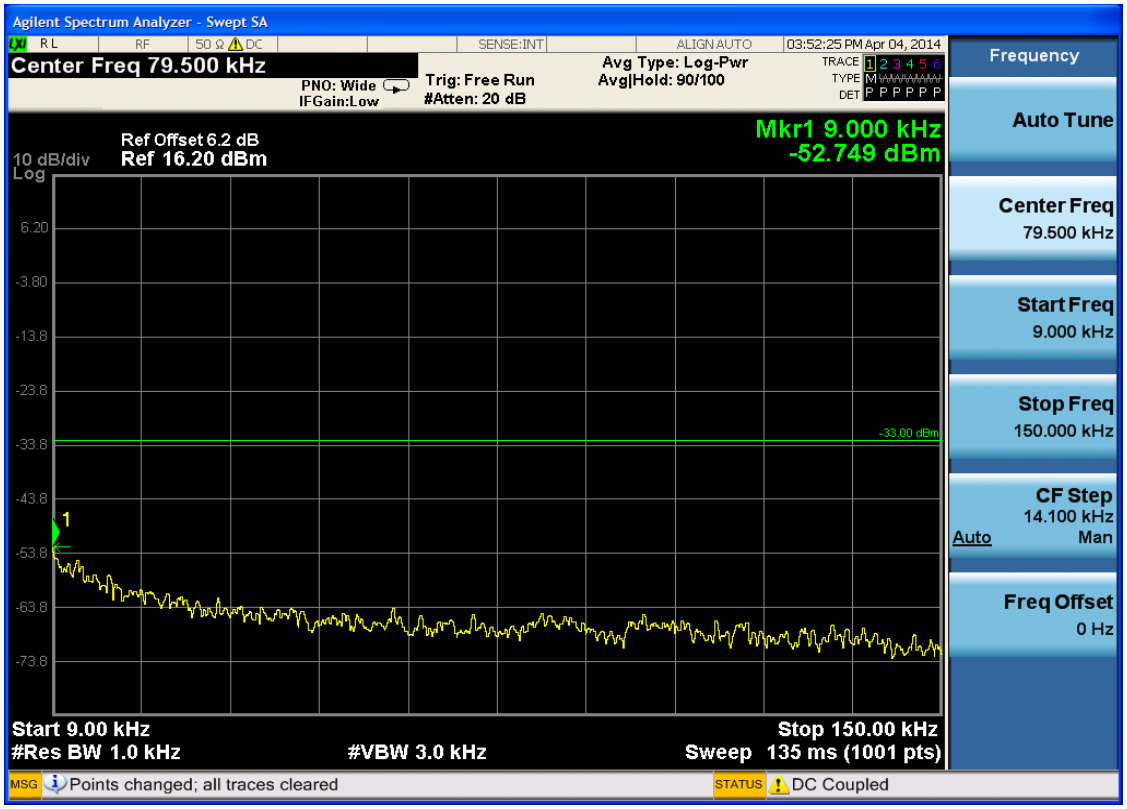
6.3.3.1.2.3 Test Channel = HCH

6.3.3.1.2.3.1 Test RB = RB1#0



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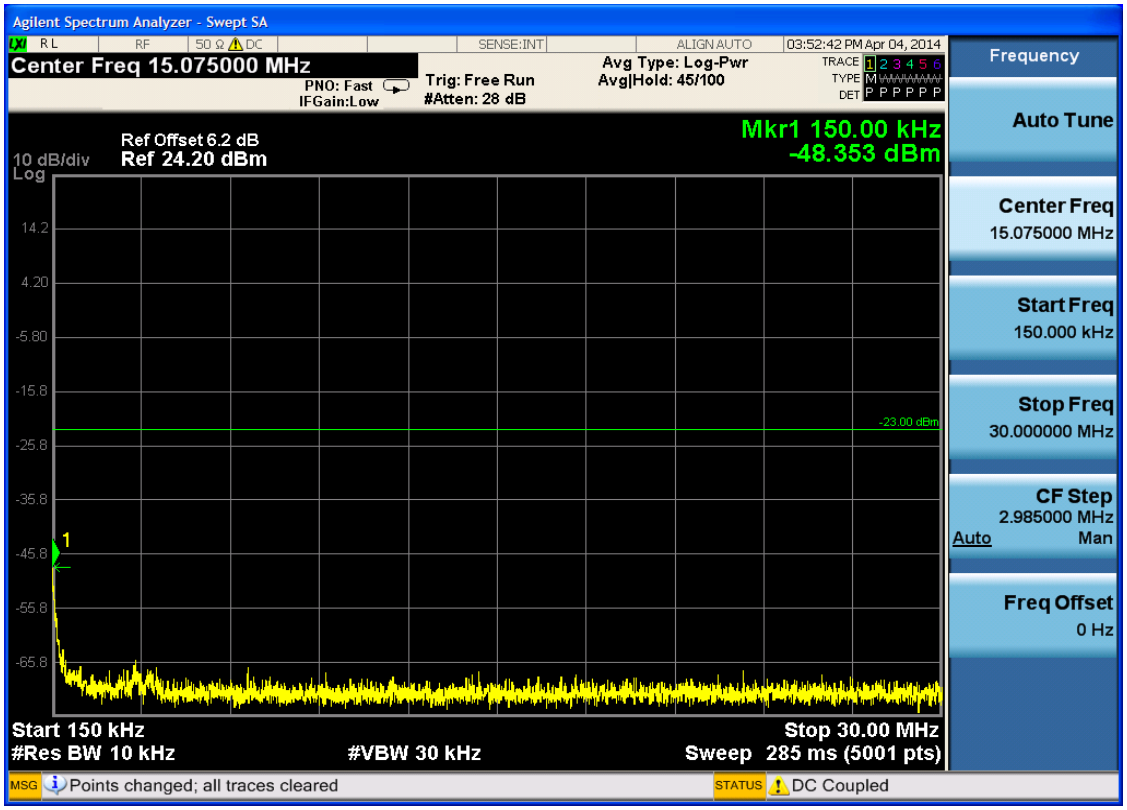

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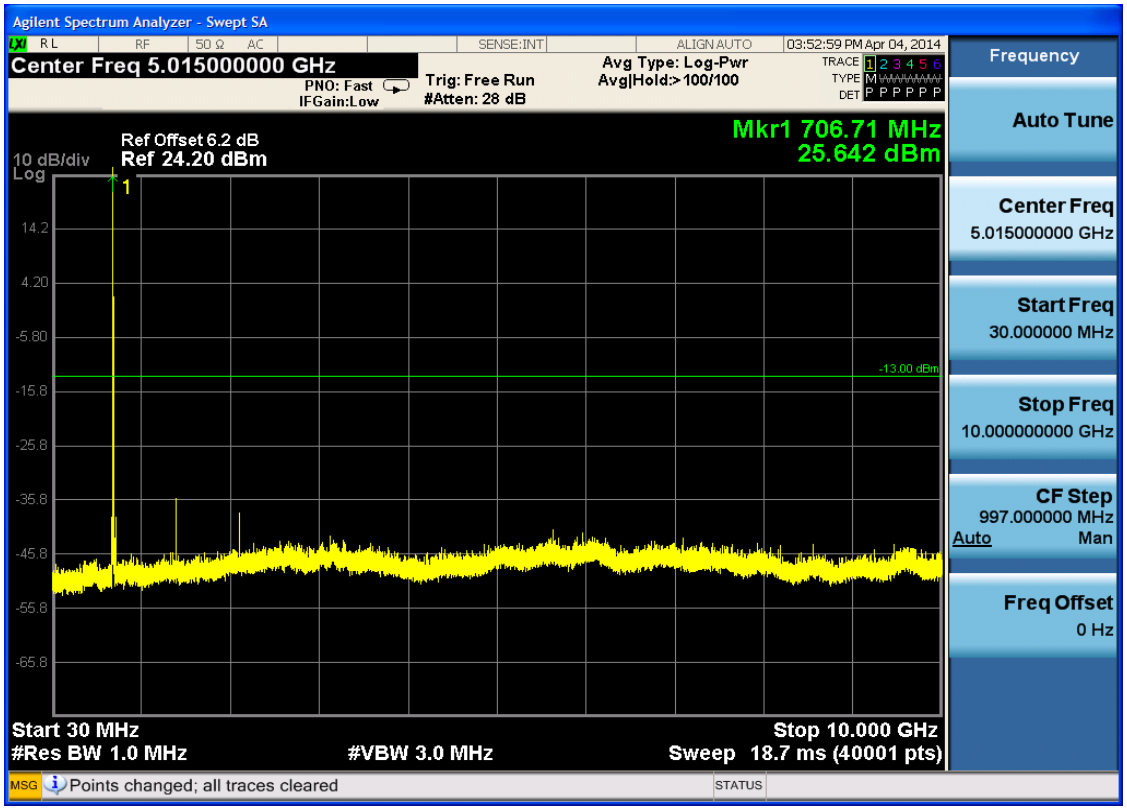

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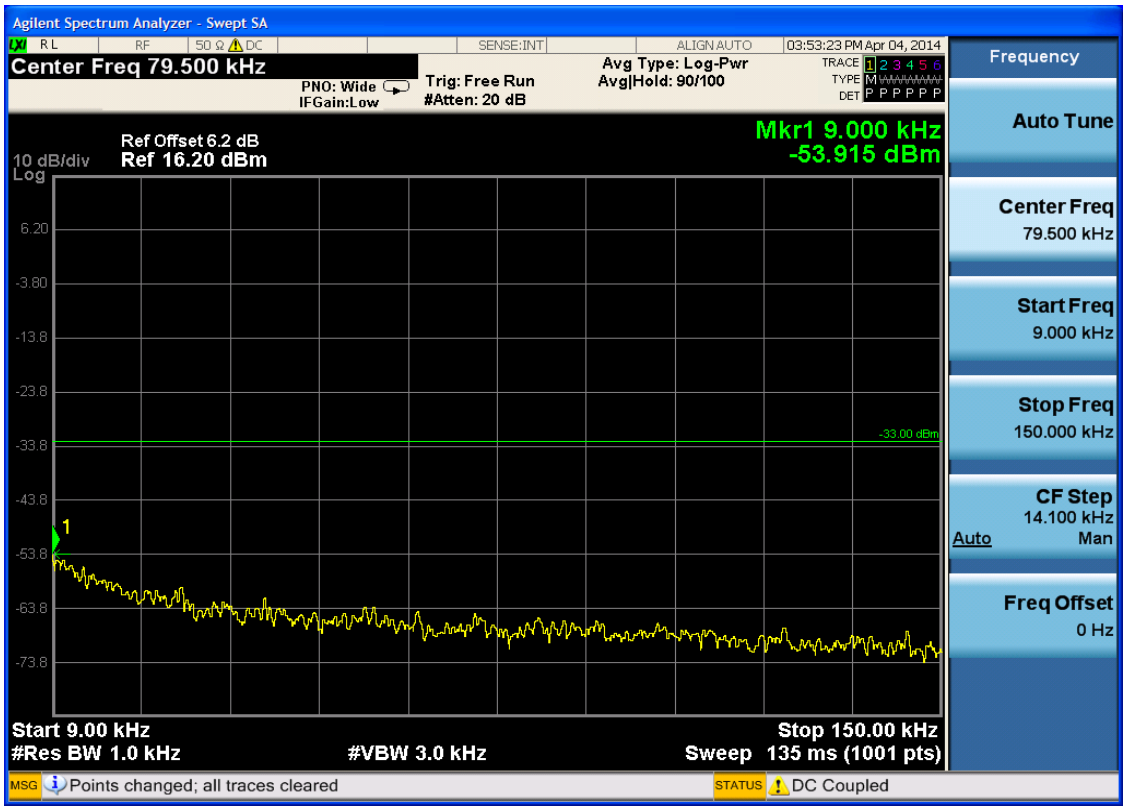
6.3.3.2 Test Mode = LTE/TM2

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



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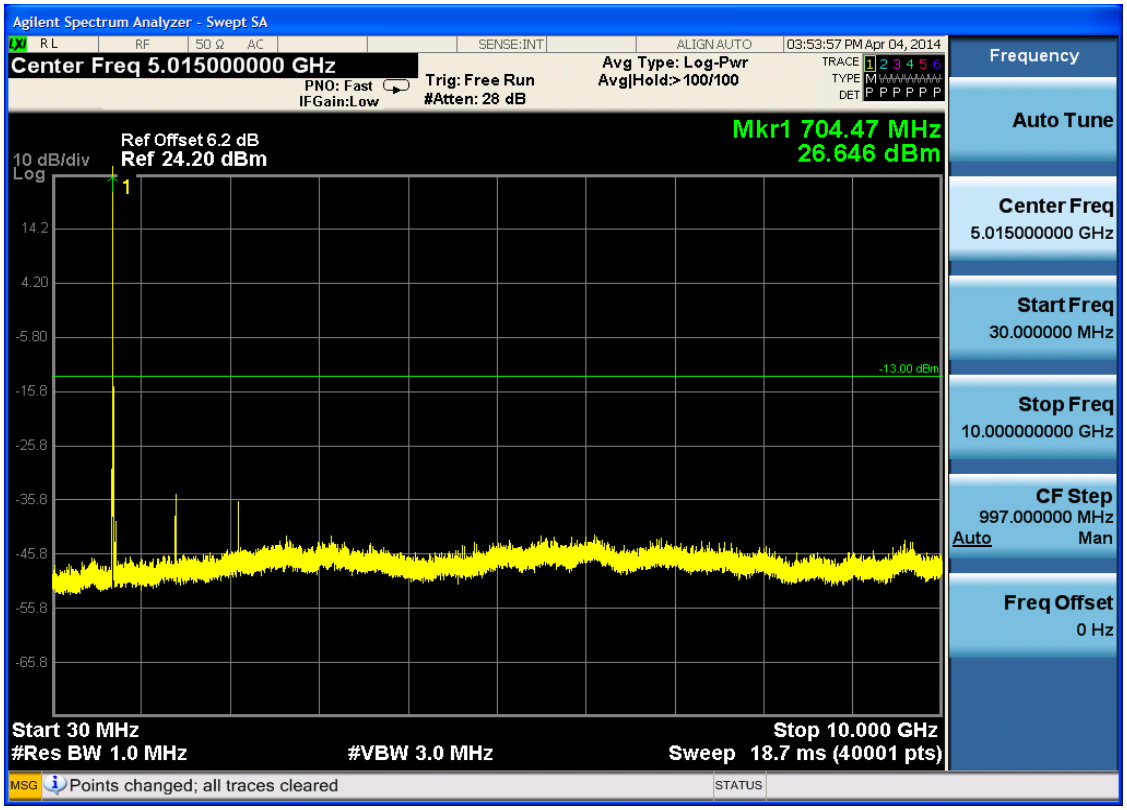

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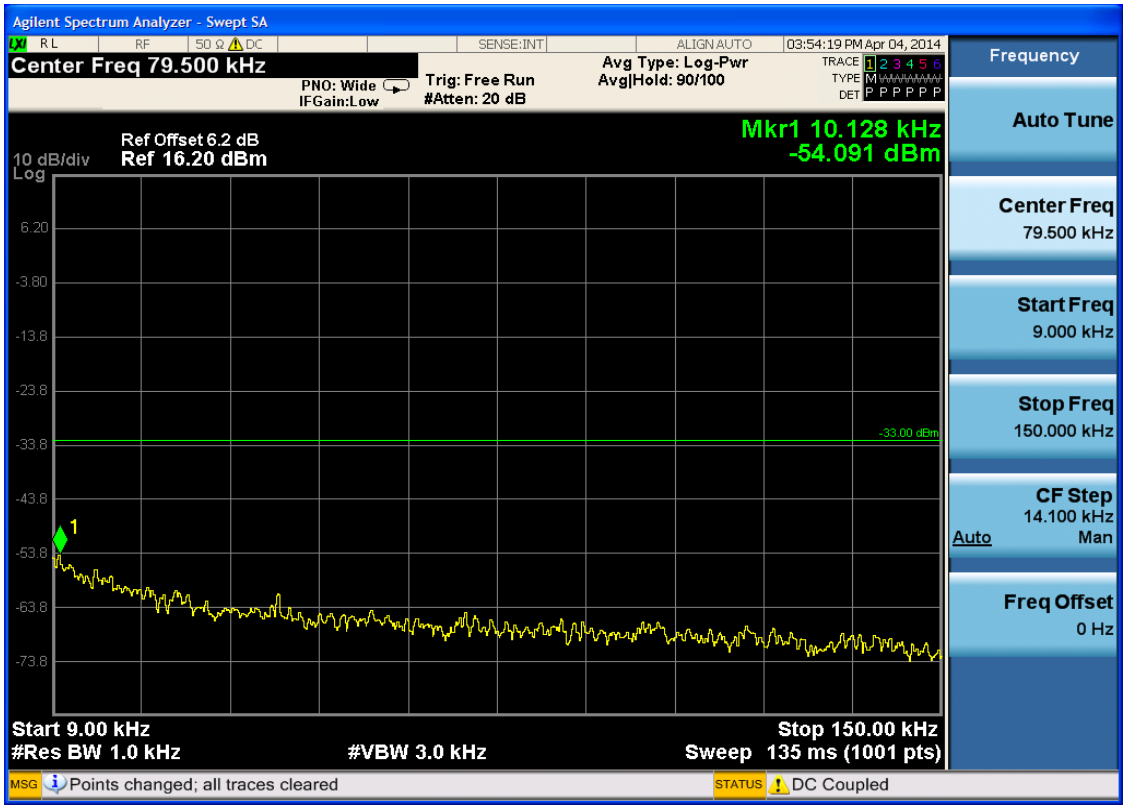
6.3.3.2.1.2 Test Channel = MCH

6.3.3.2.1.2.1 Test RB = RB1#0



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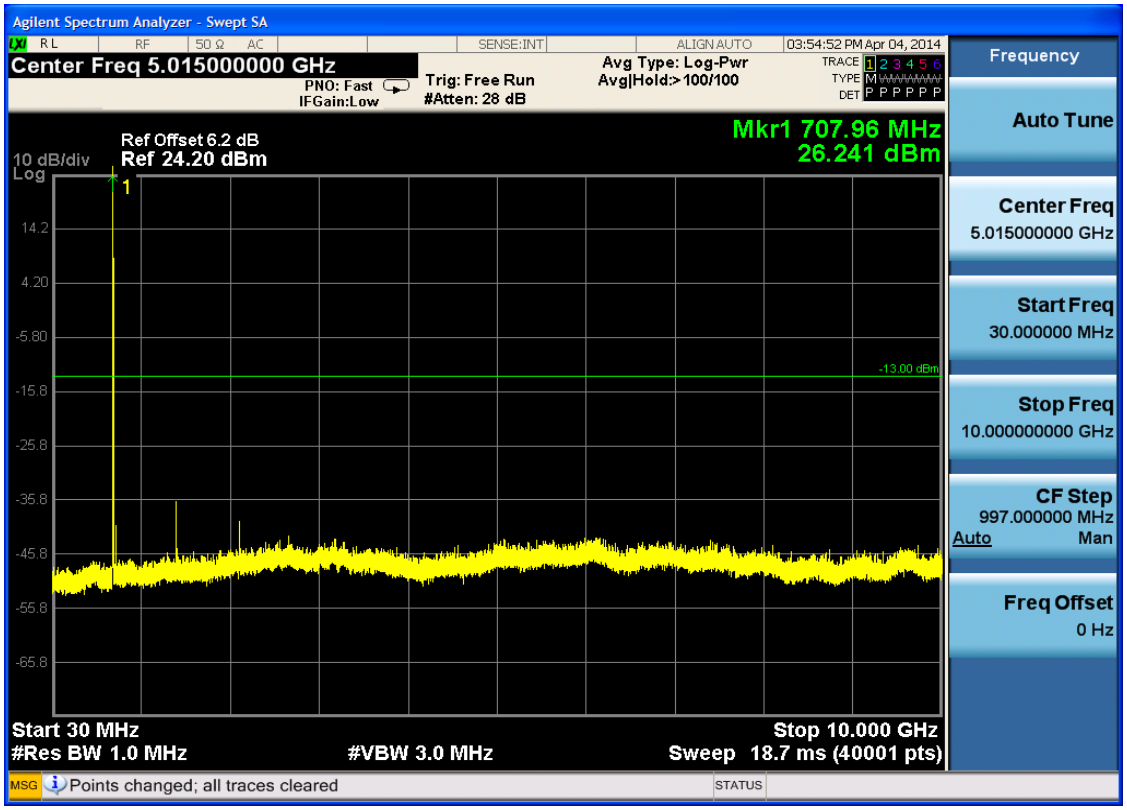

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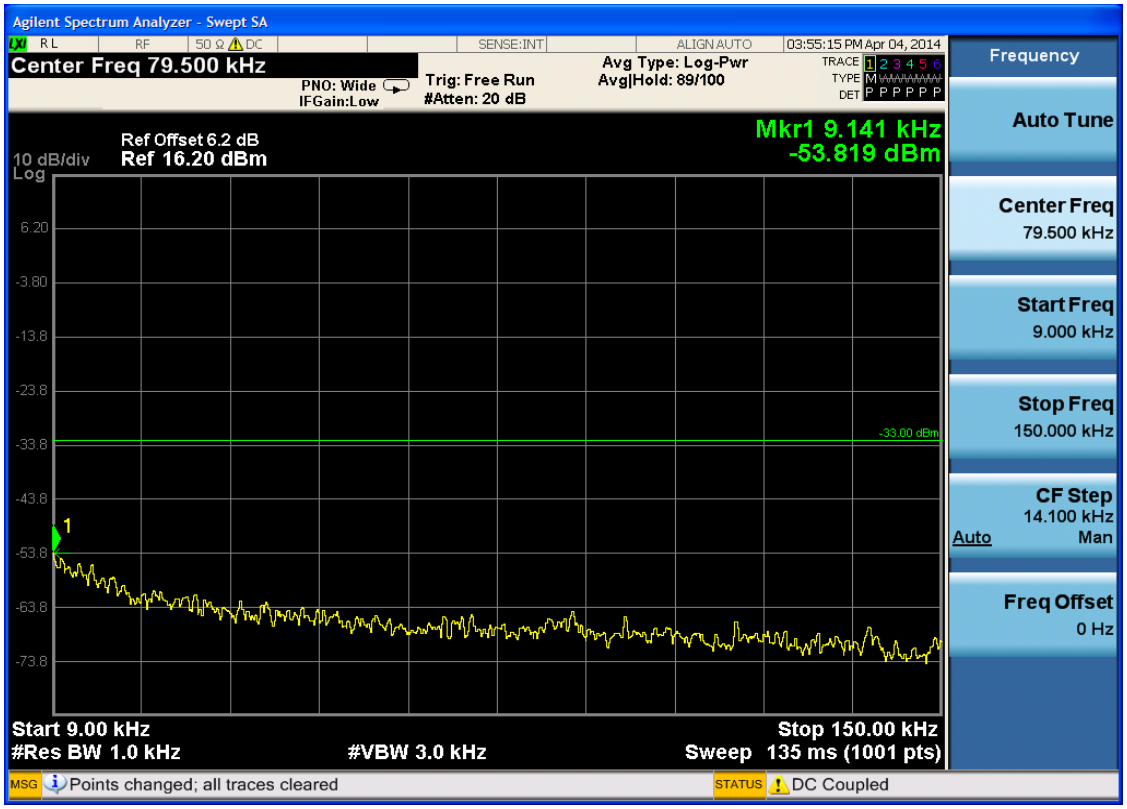
6.3.3.2.1.3 Test Channel = HCH

6.3.3.2.1.3.1 Test RB = RB1#0



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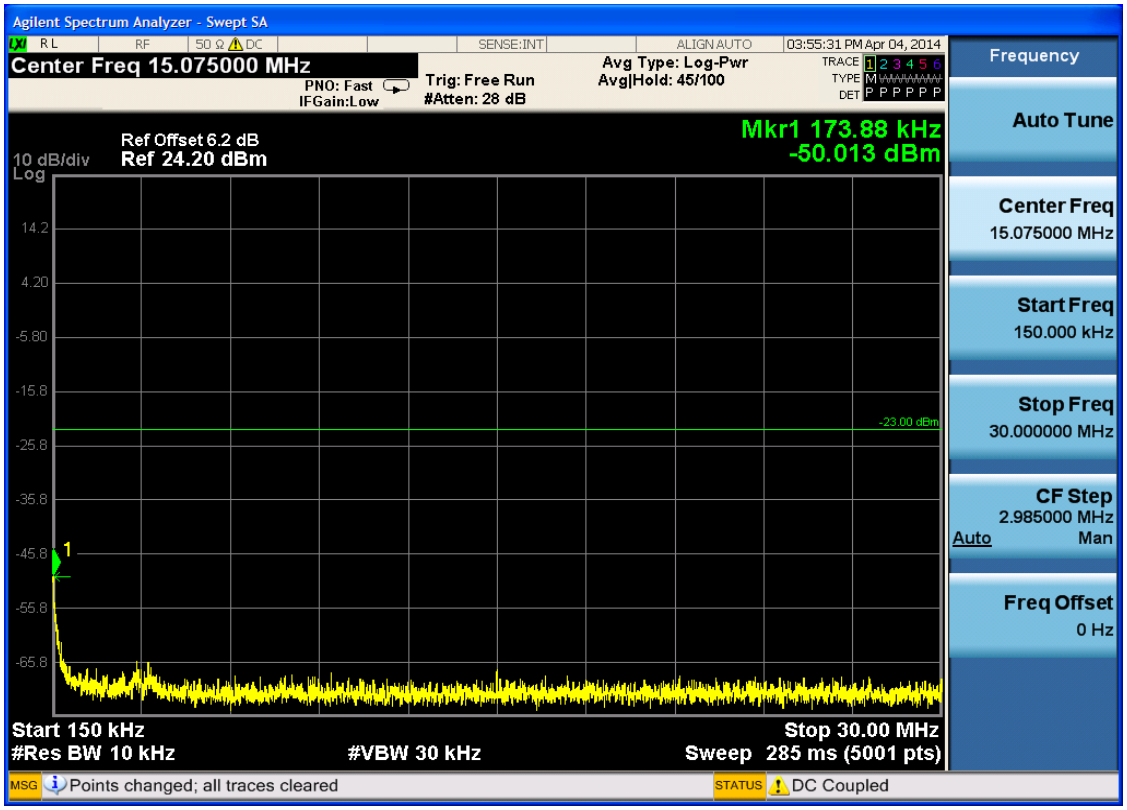

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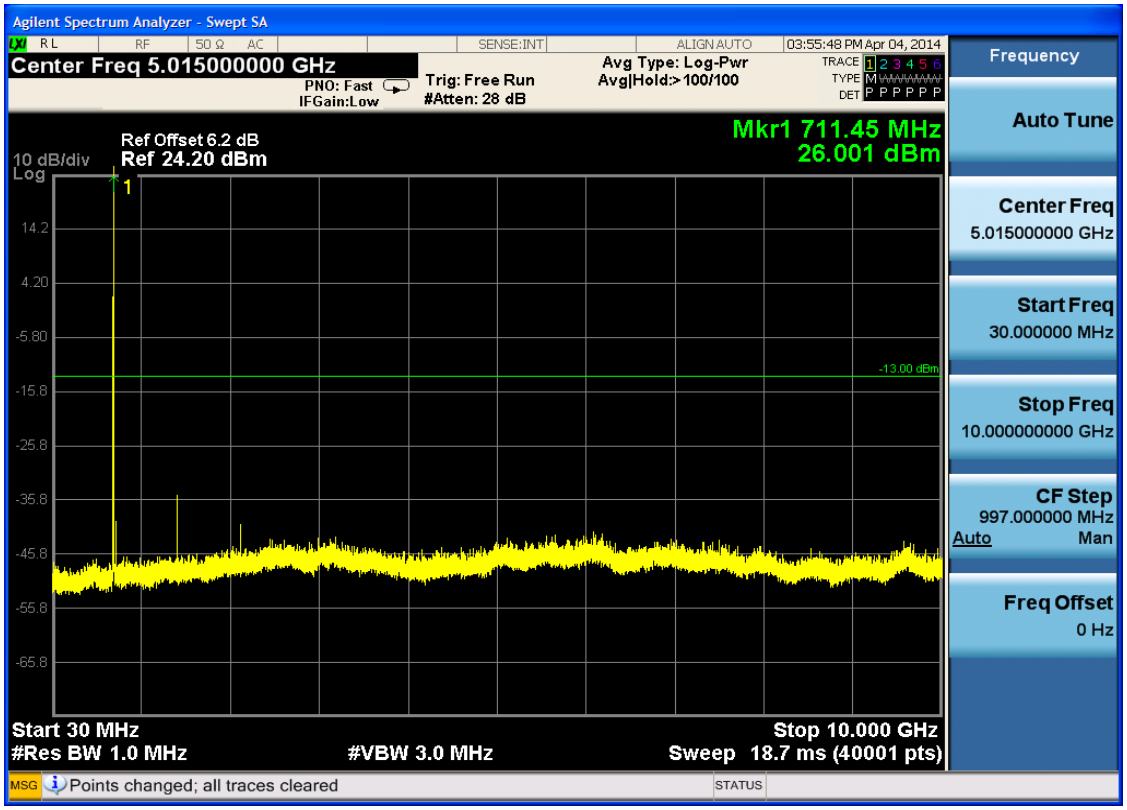

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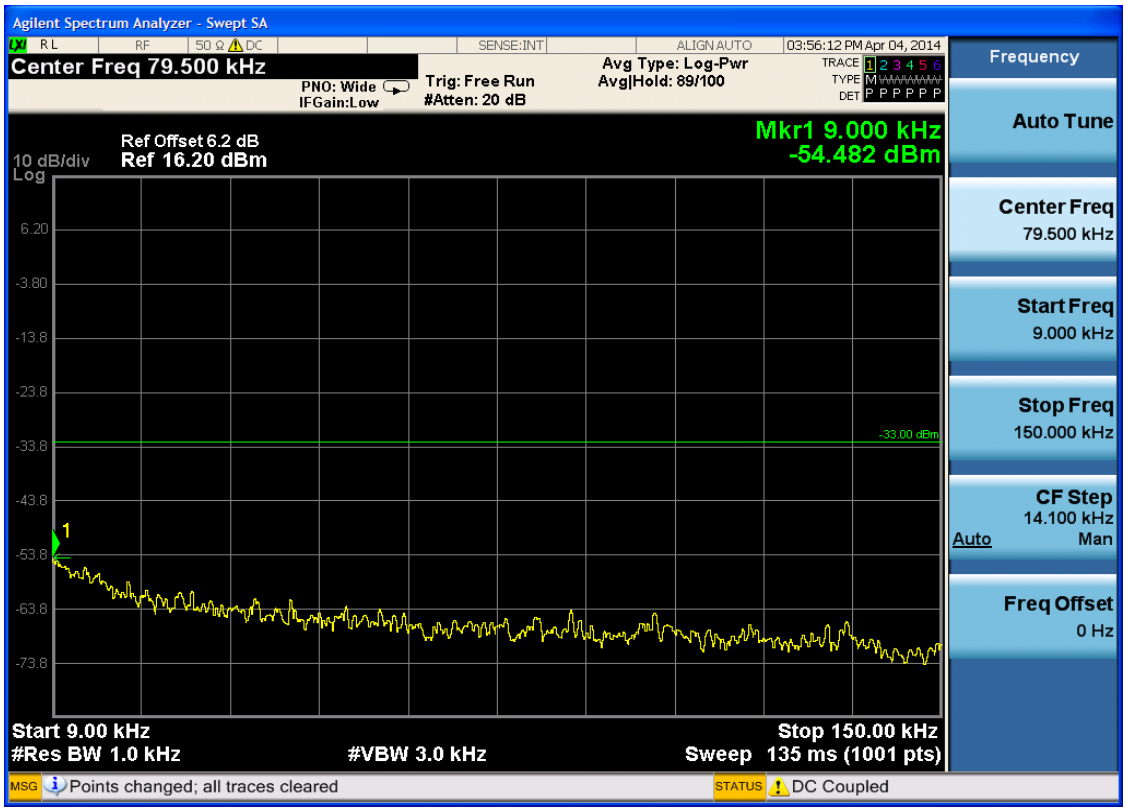
6.3.3.2.2 Test Bandwidth = 10

6.3.3.2.2.1 Test Channel = LCH

6.3.3.2.2.1.1 Test RB = RB1#0



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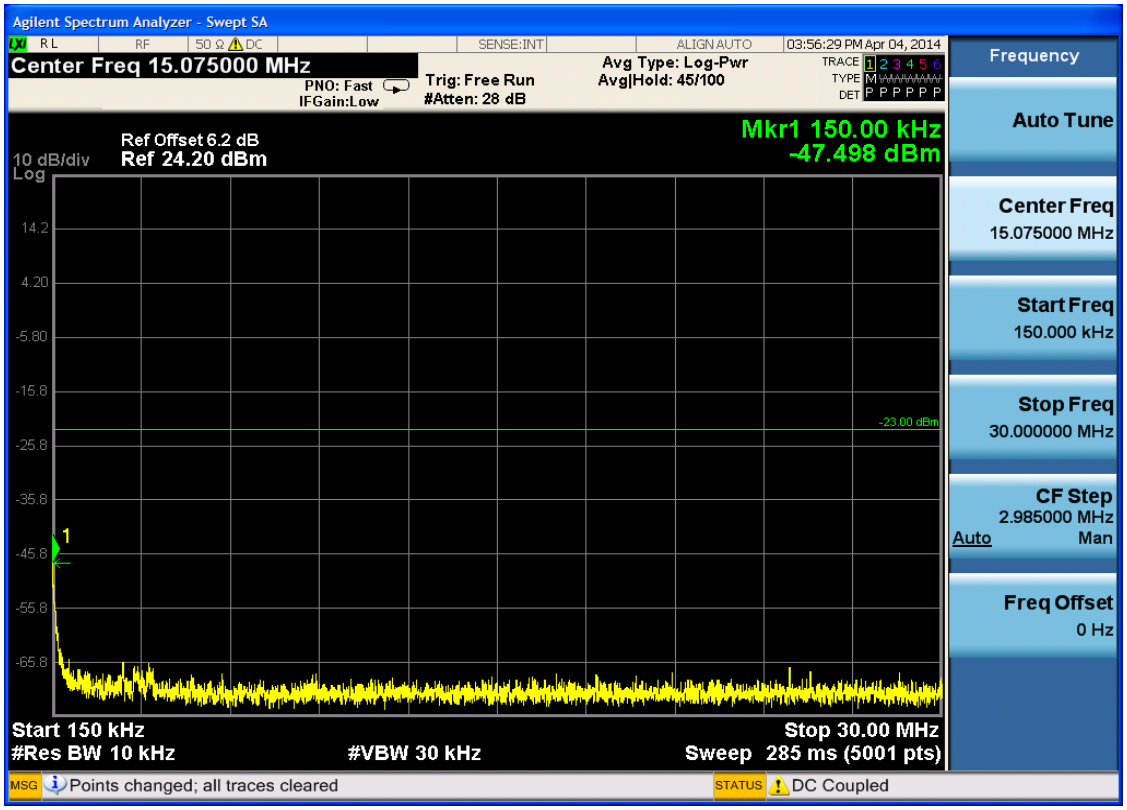

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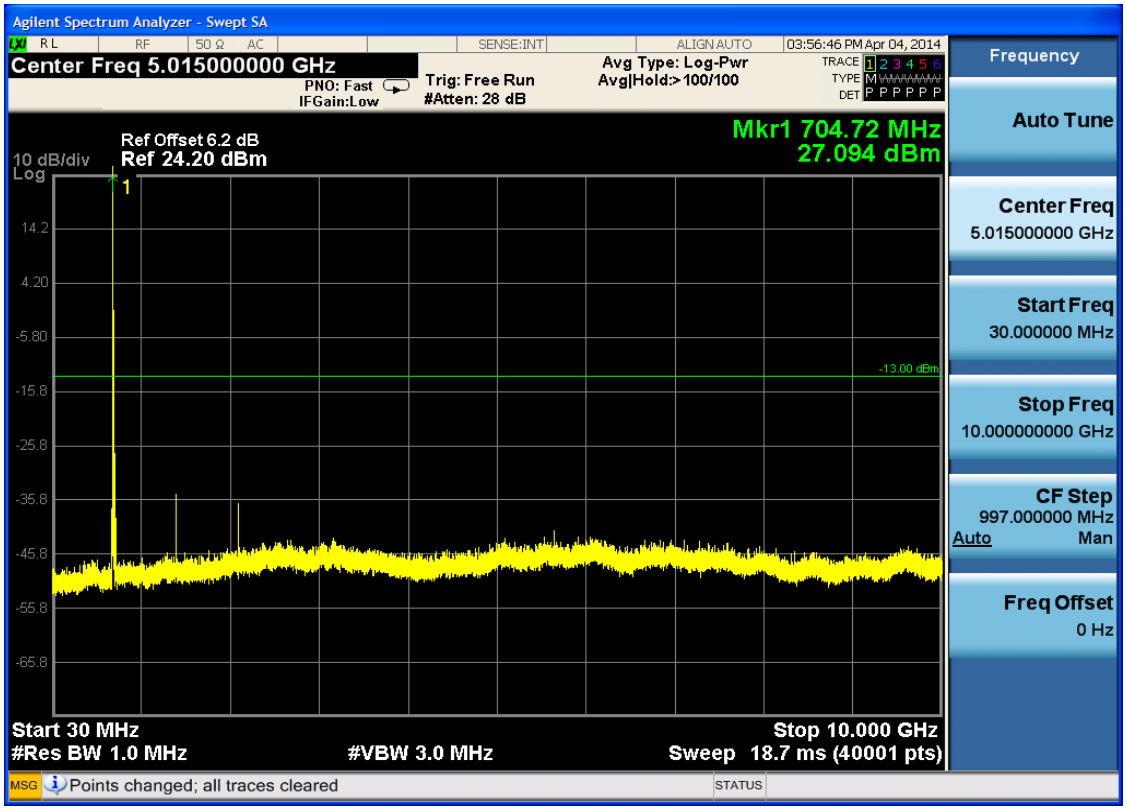

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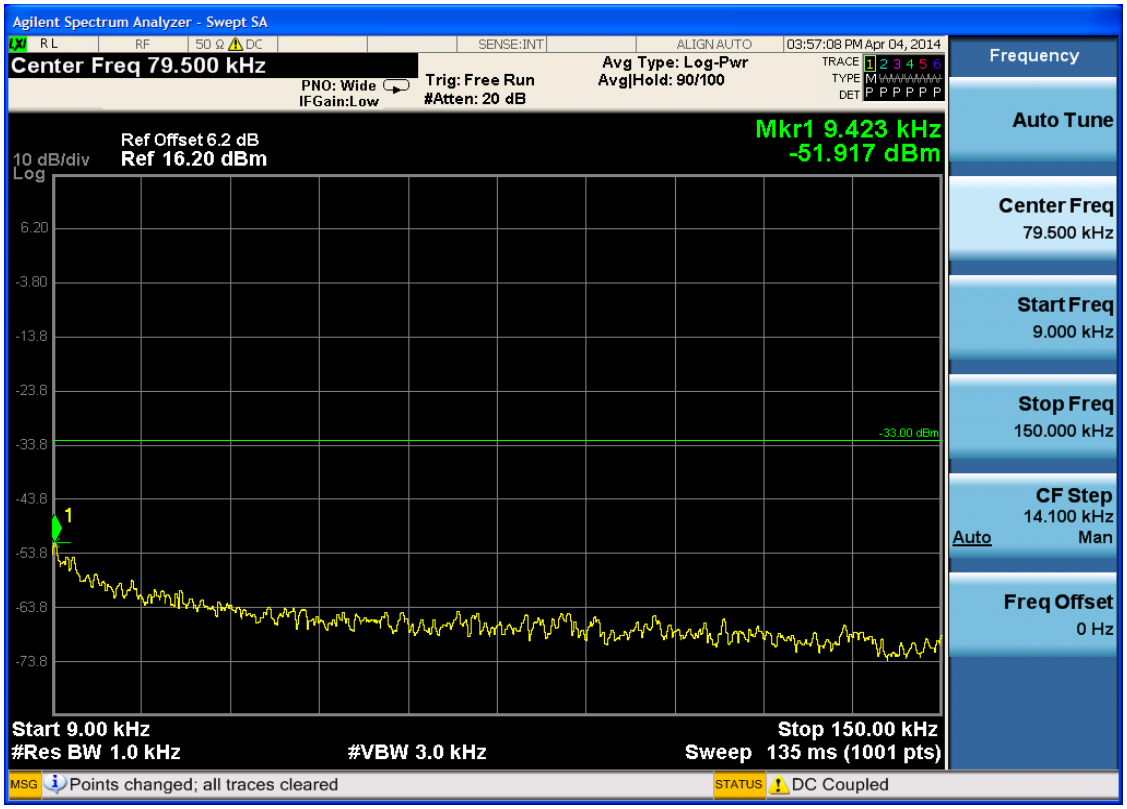
6.3.3.2.2.2 Test Channel = MCH

6.3.3.2.2.2.1 Test RB = RB1#0



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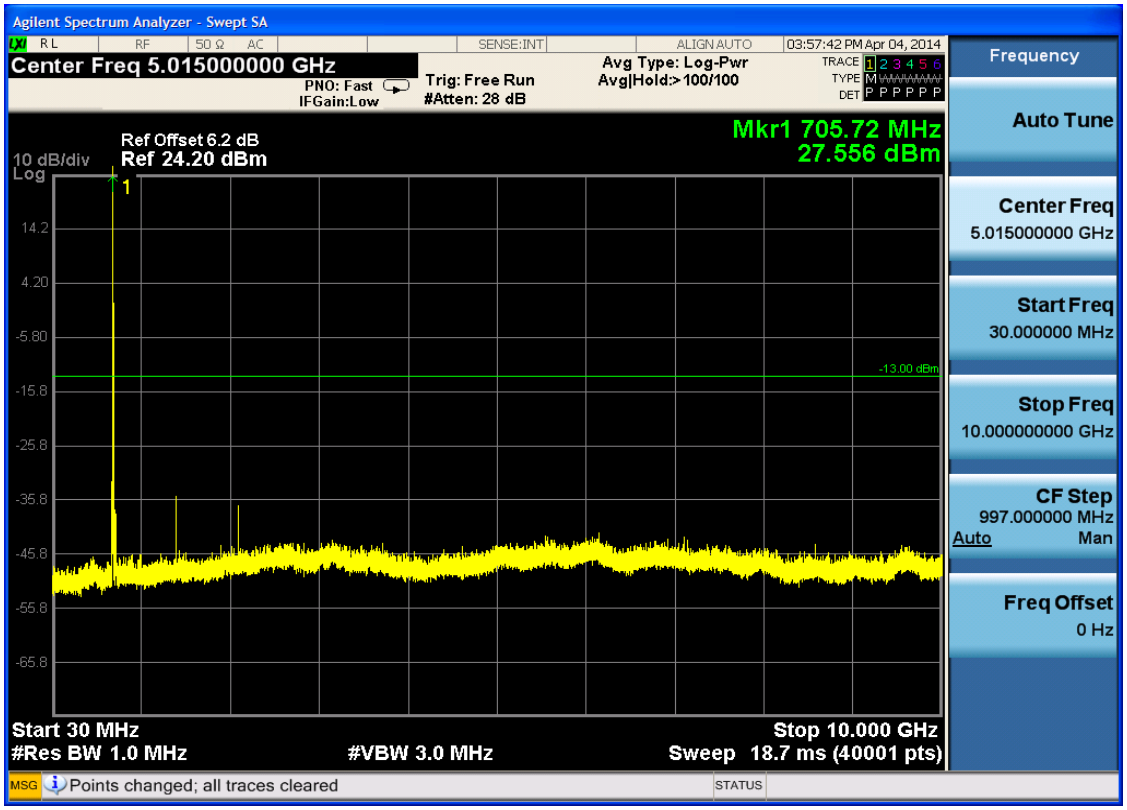

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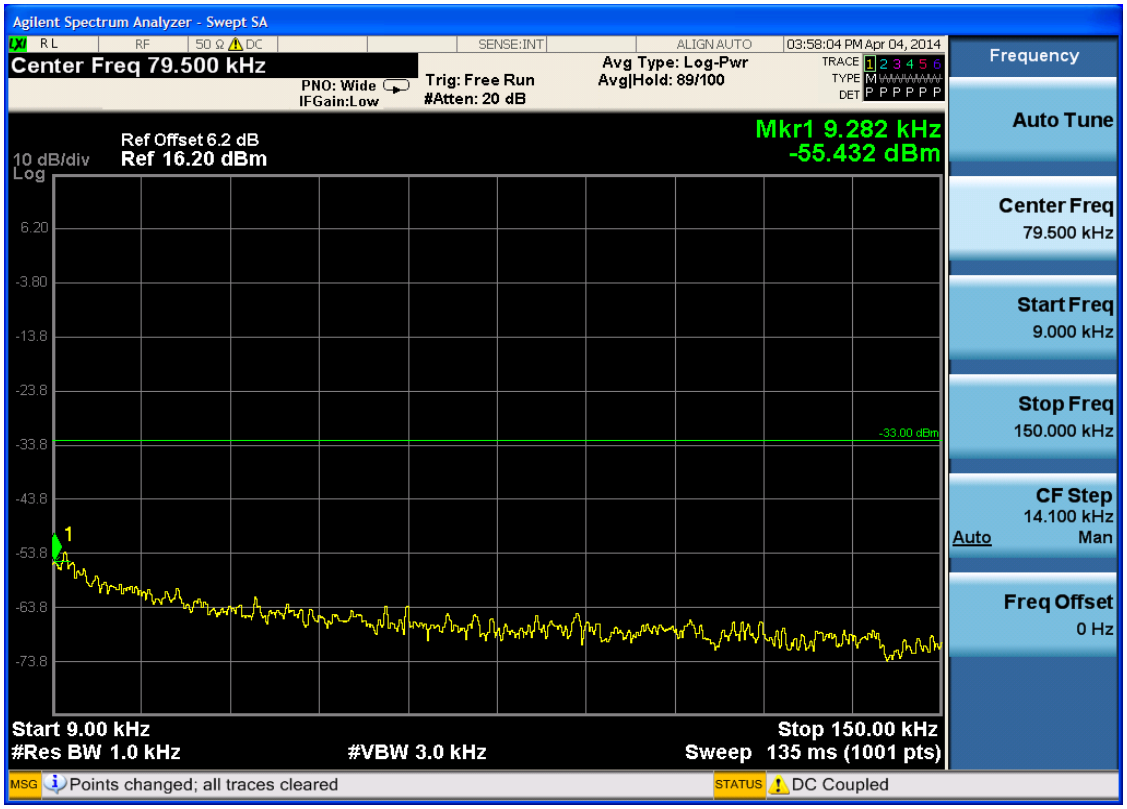
6.3.3.2.2.3 Test Channel = HCH

6.3.3.2.2.3.1 Test RB = RB1#0



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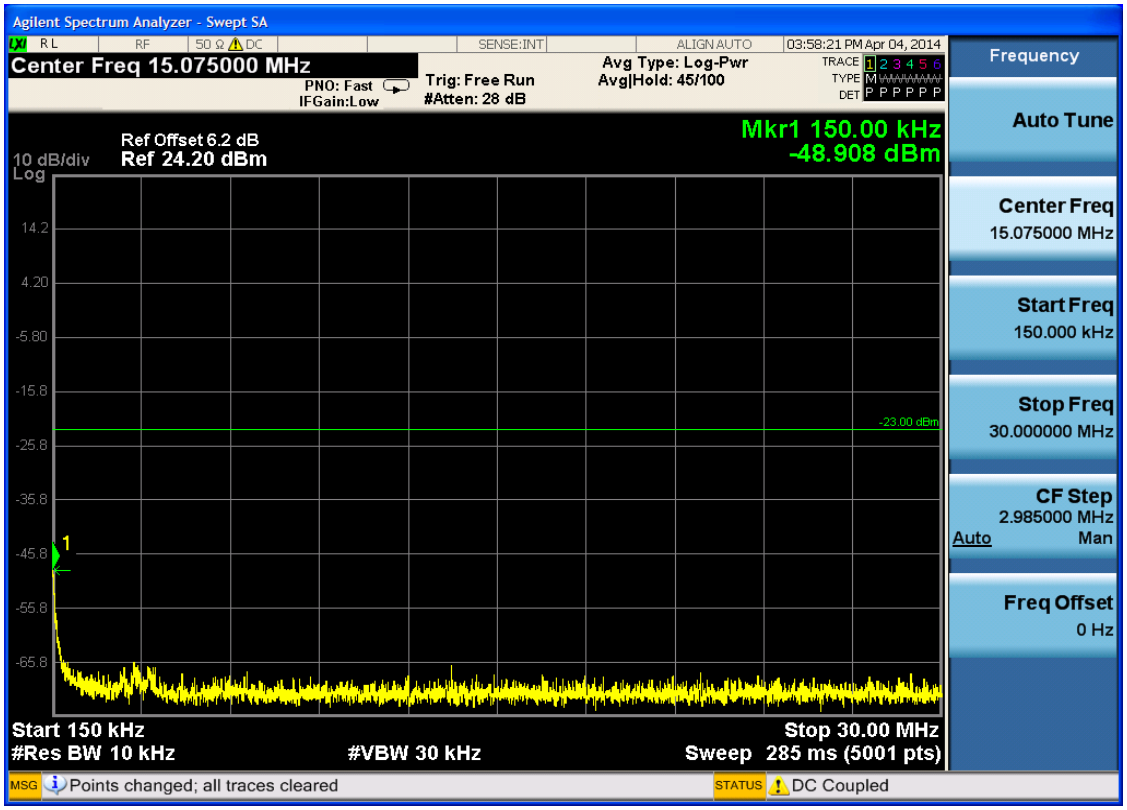

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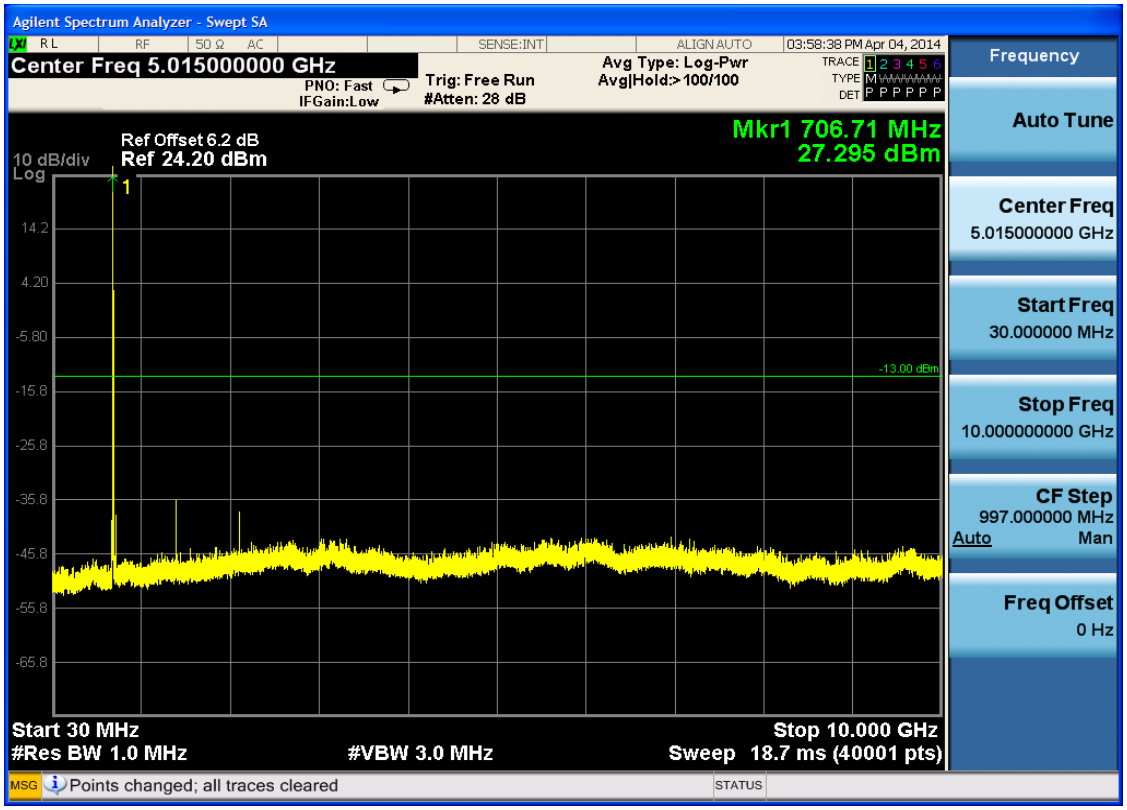

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7Appendix_G: Field Strength of Spurious Radiation

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

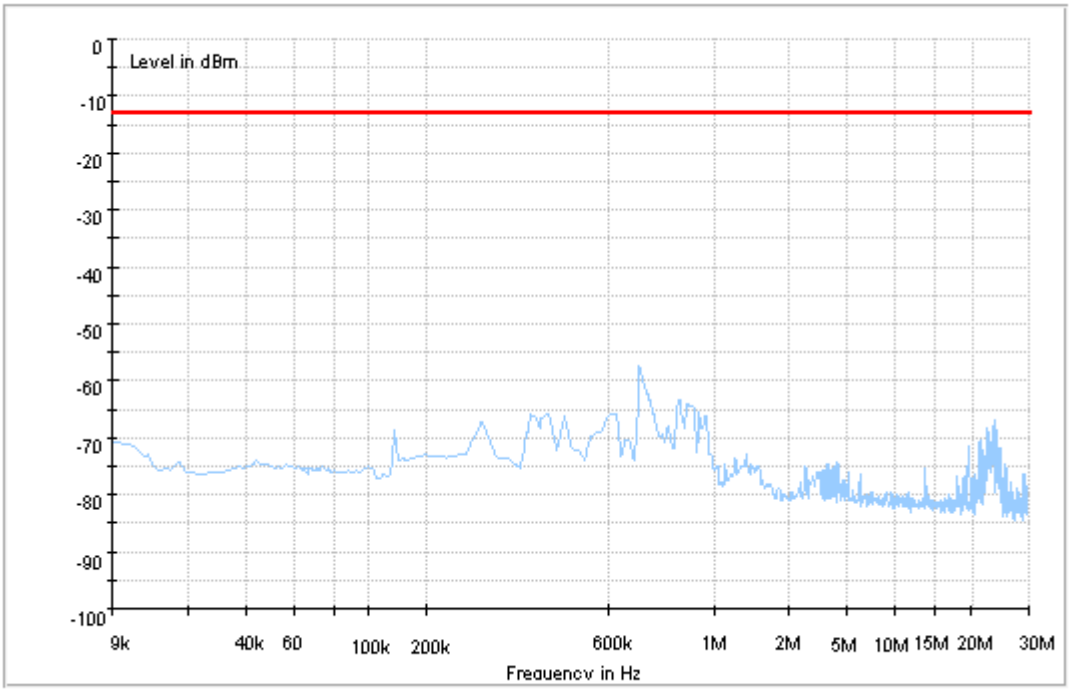
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For GSM

7.1.1 Test Band = GSM850

7.1.1.1 Test Mode = GSM/TM1



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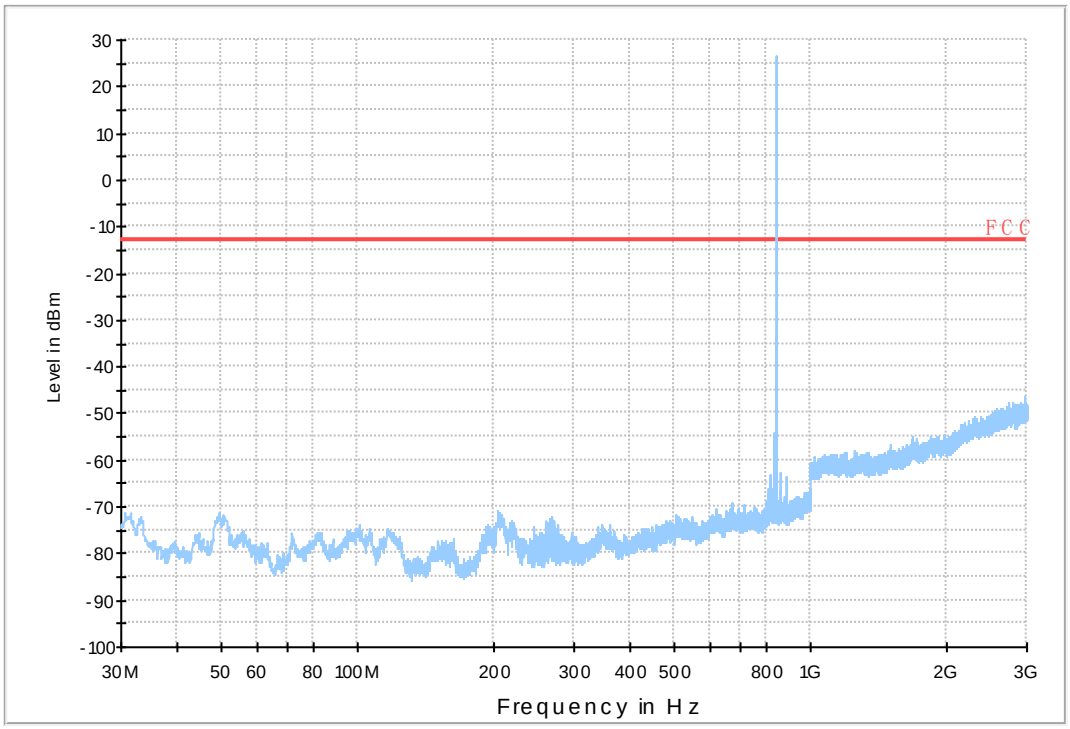
Copy of FCC PART22 GSM850_L



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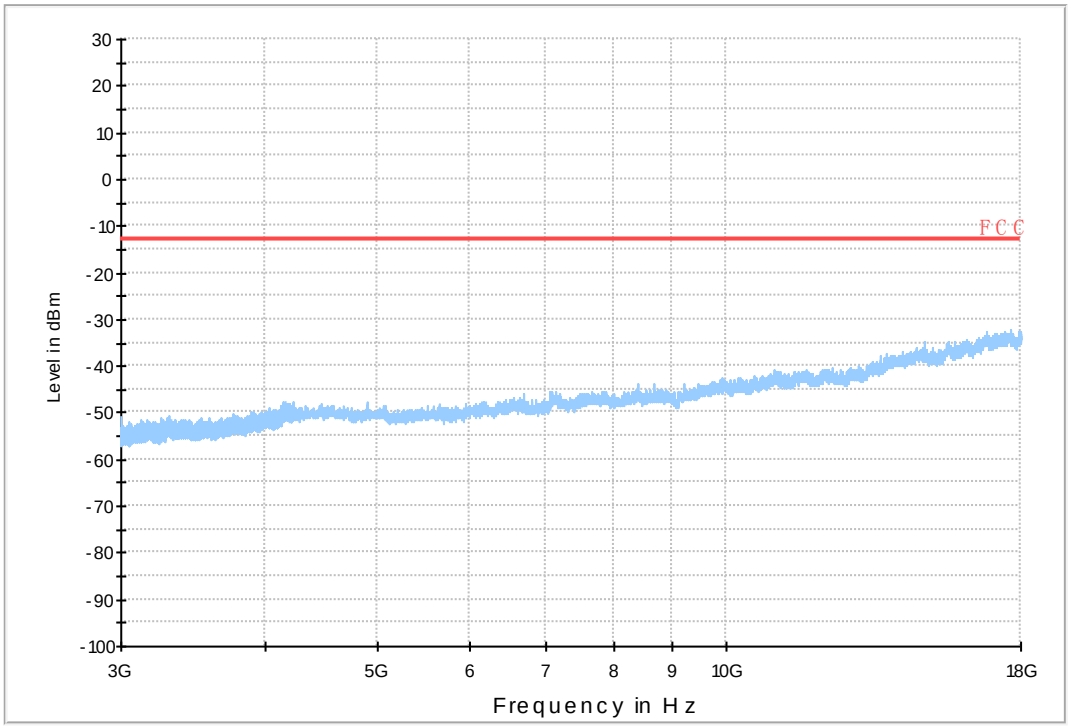

7.1.1.2 Test Mode = GSM/TM2

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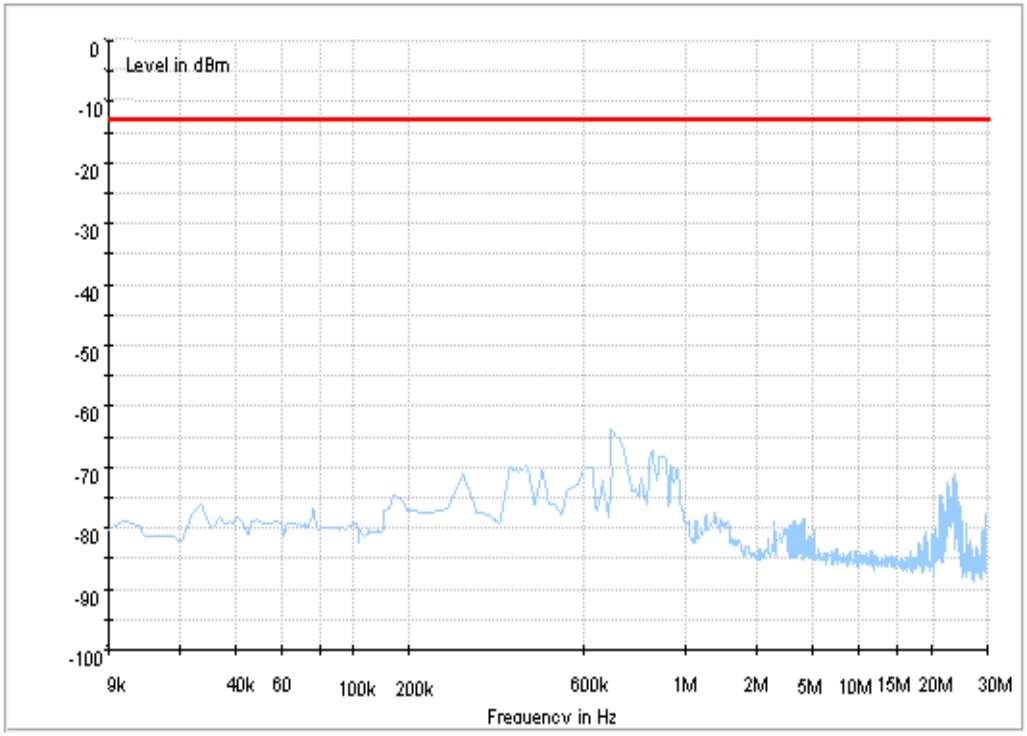

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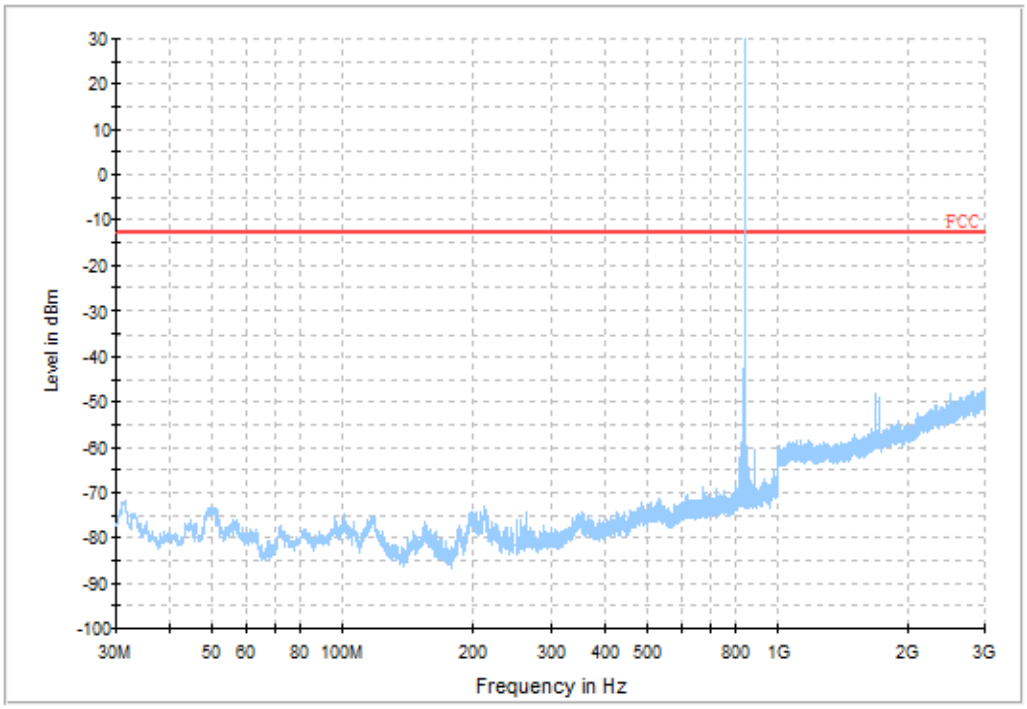

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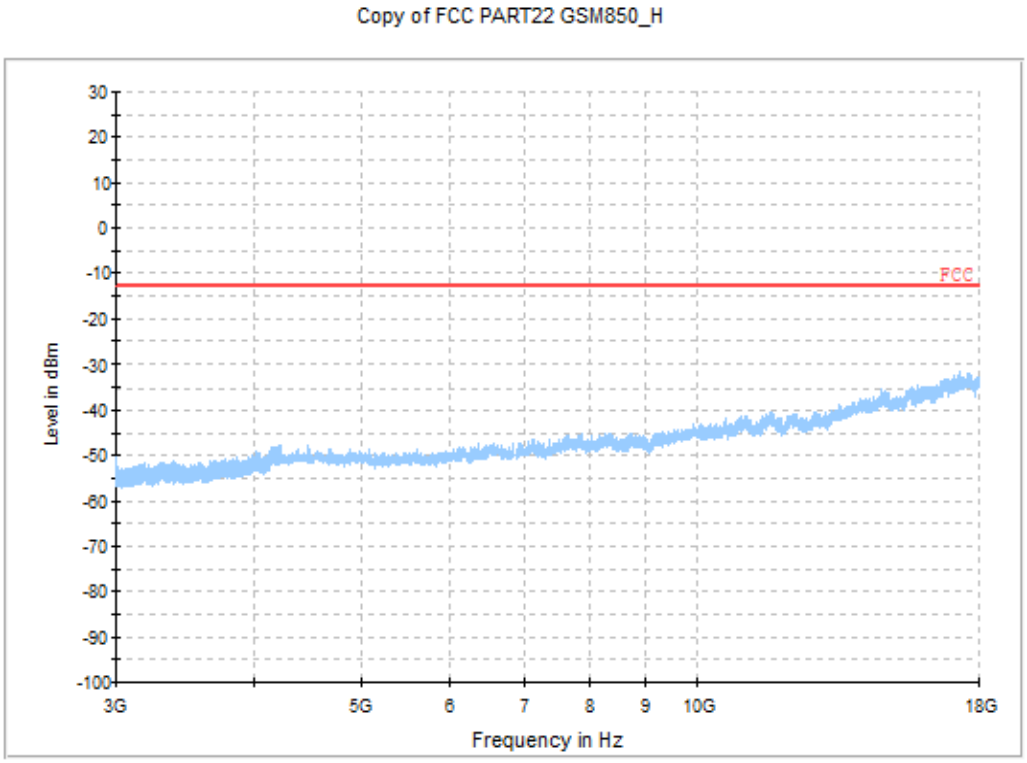
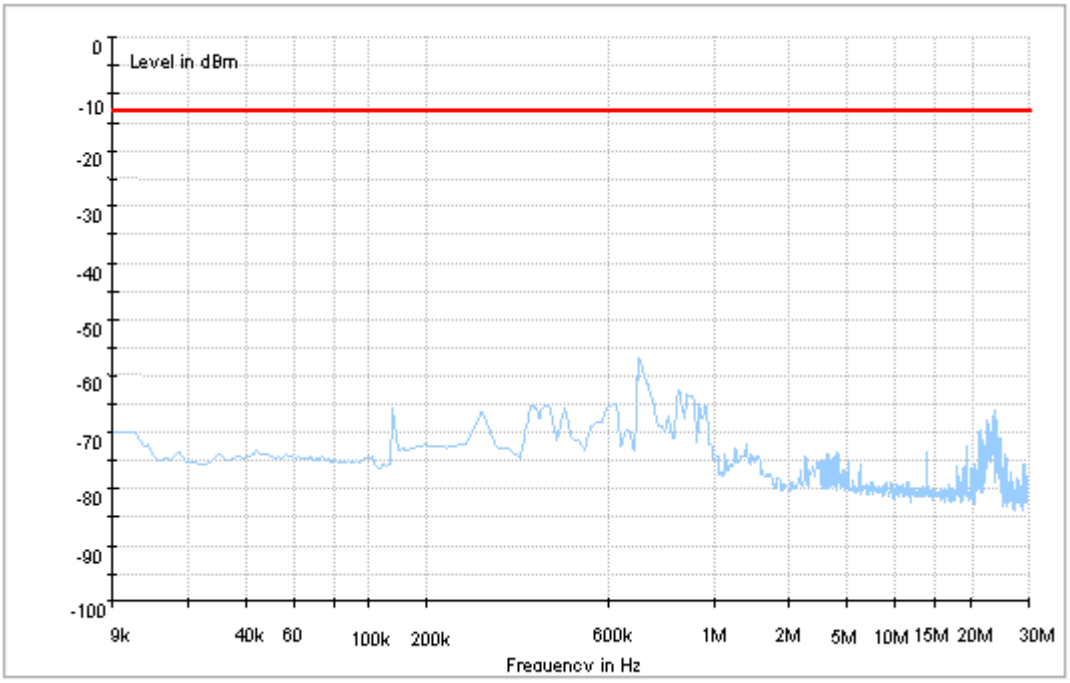


7.1.2 Test Band = GSM1900

7.1.2.1 Test Mode = GSM/TM1



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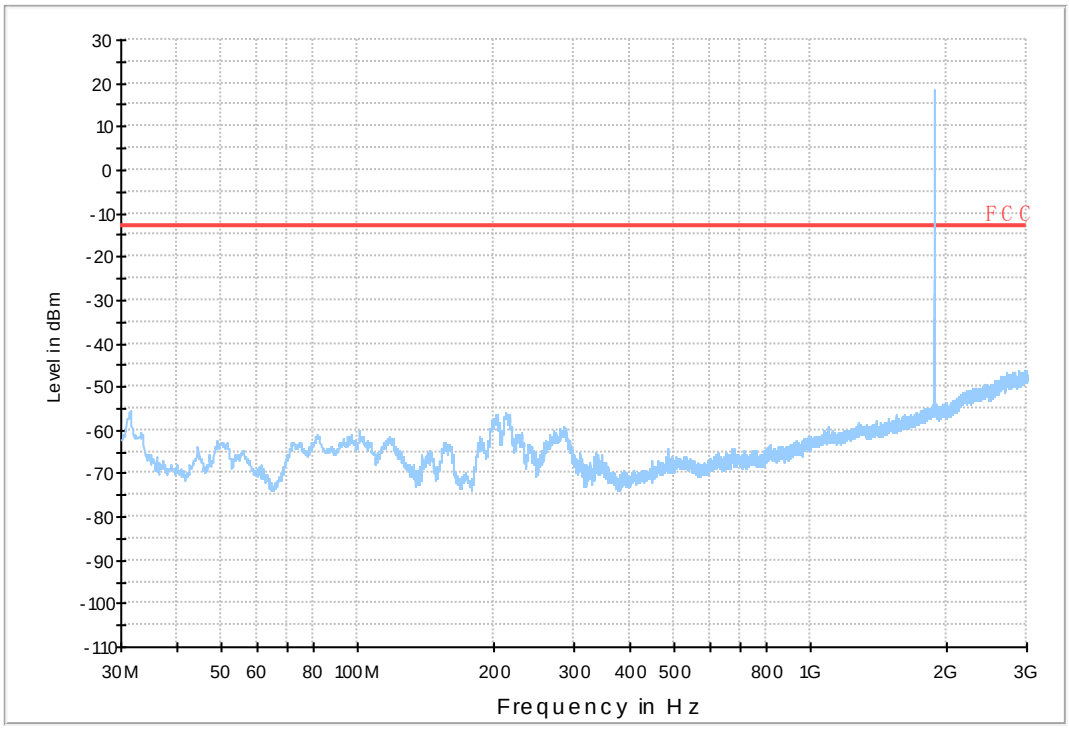
Copy of FCC PART24 GSM1900_L



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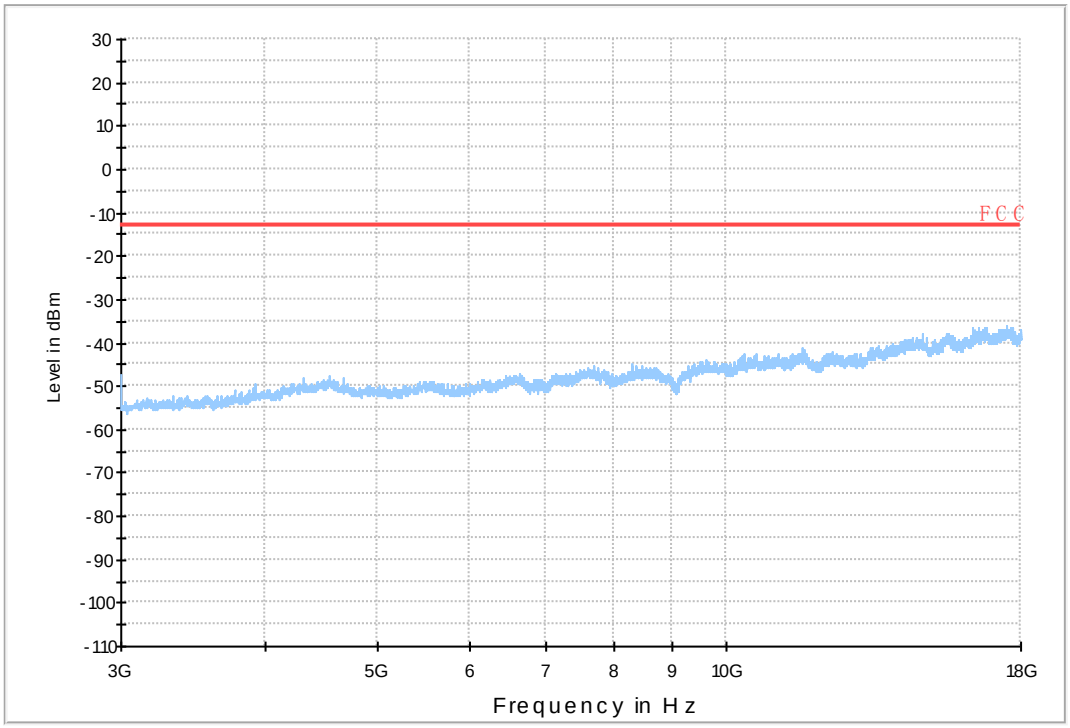

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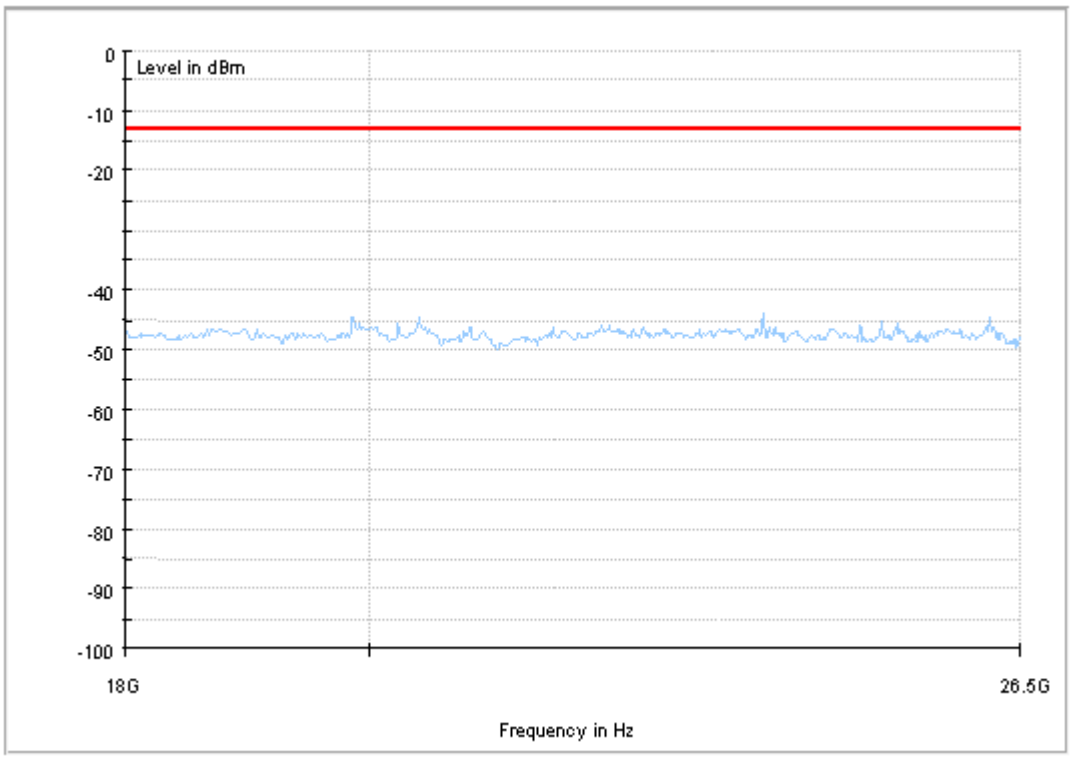
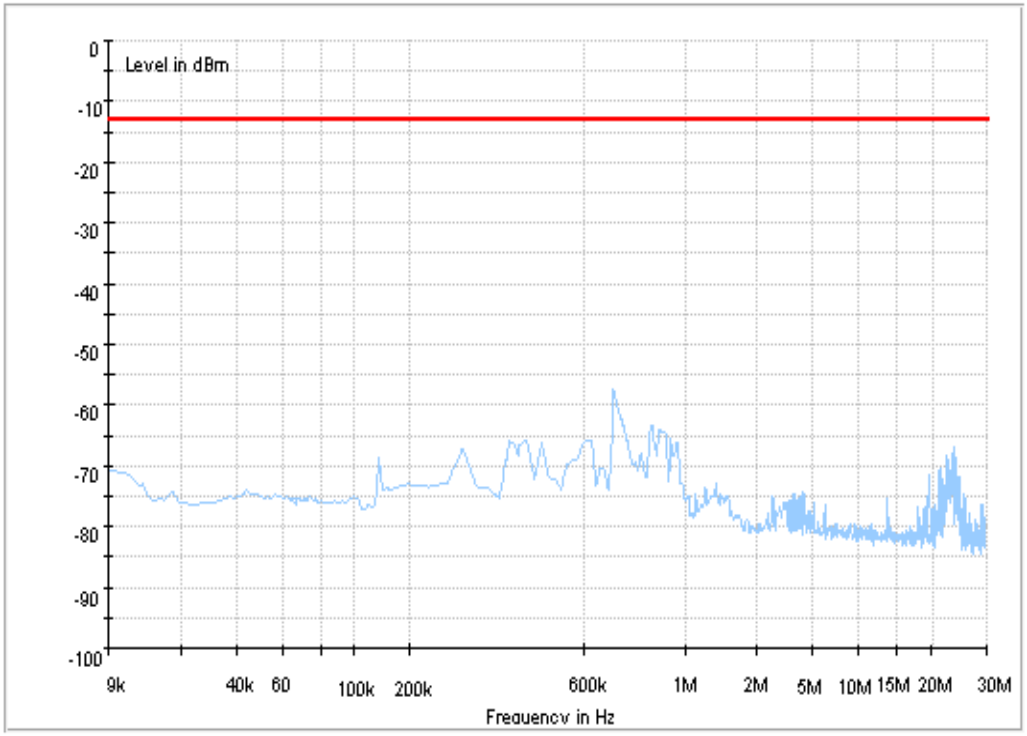


7.1.2.2 Test Mode = GSM/TM2



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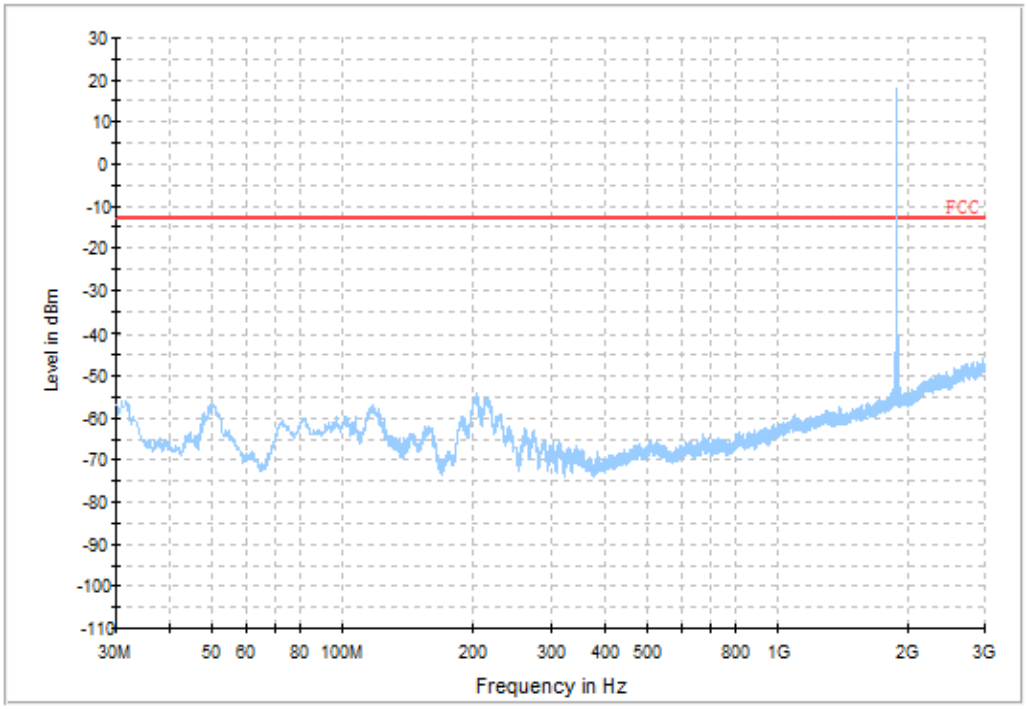
Copy of FCC PART24 GSM1900_L



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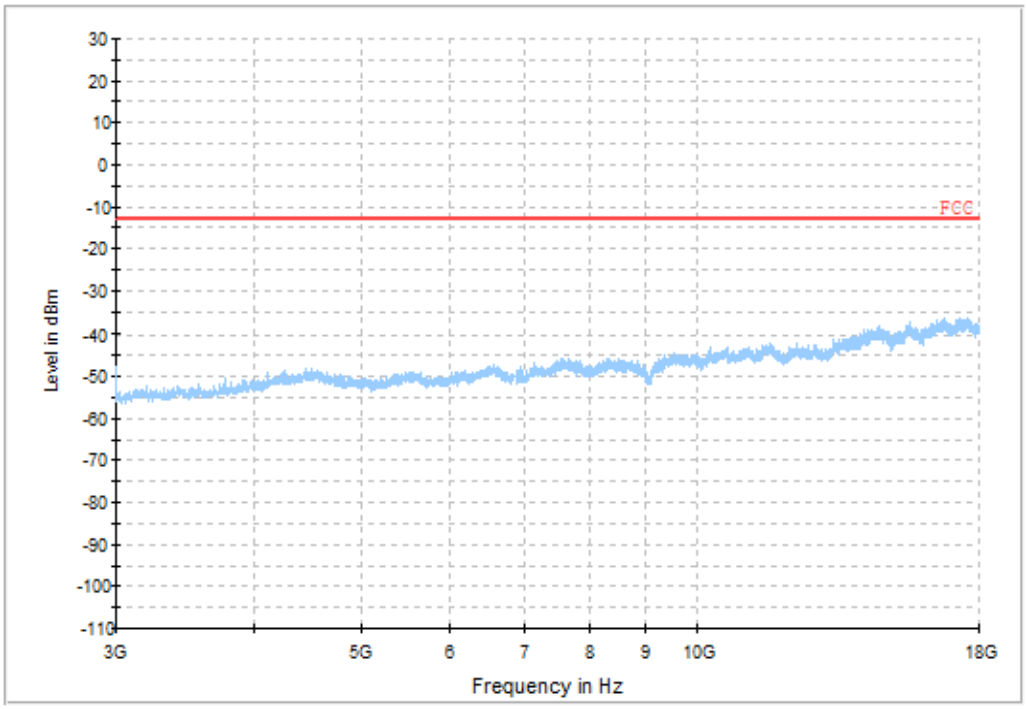

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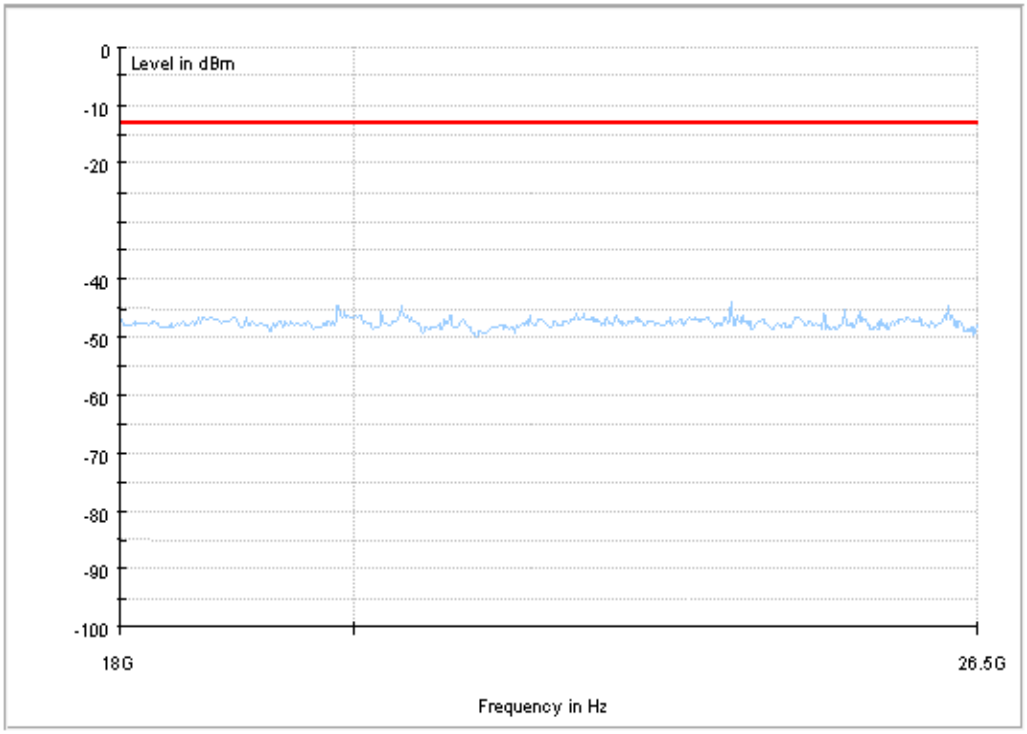

7.2 For UMTS

7.2.1 Test Band = WCDMA850

7.2.1.1 Test Mode = UMTS/TM1

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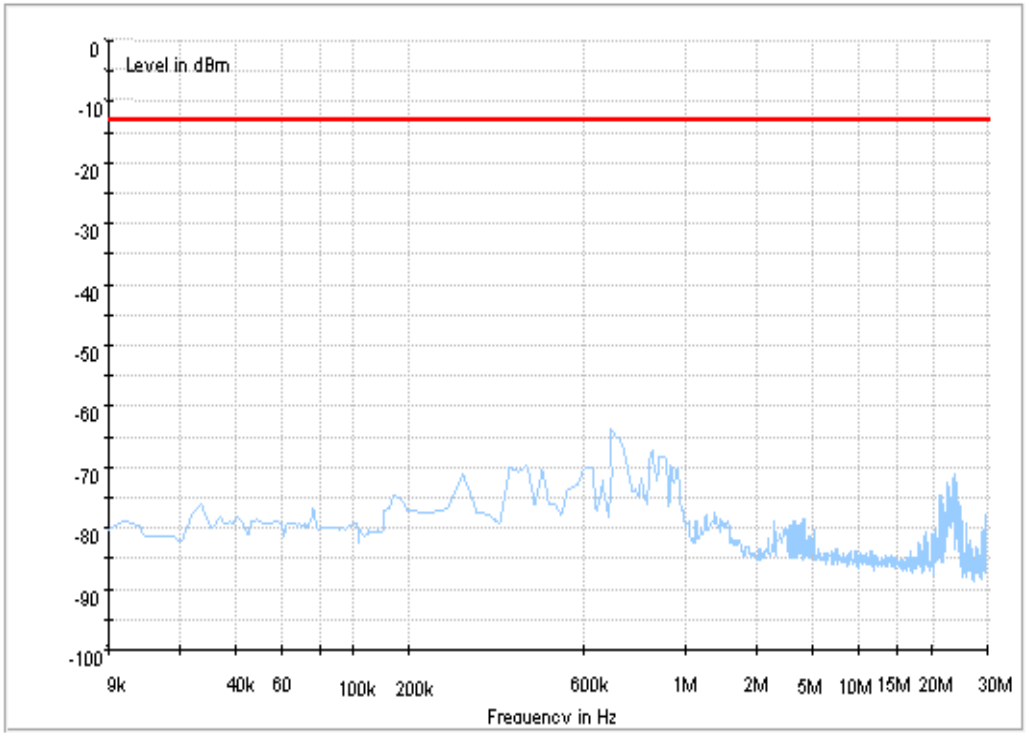

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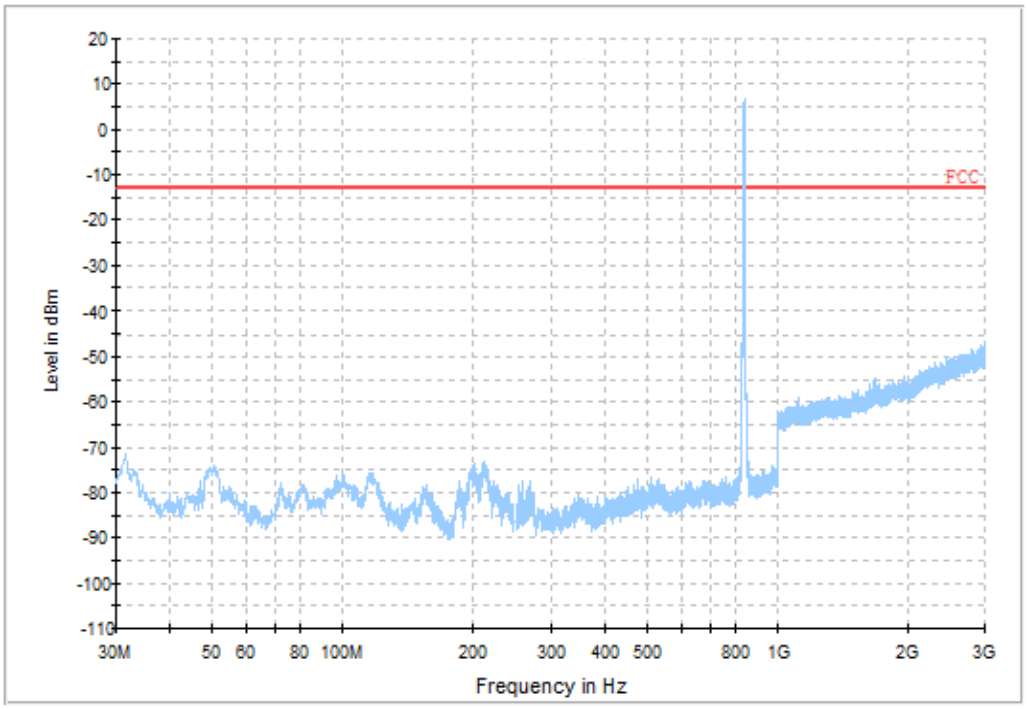

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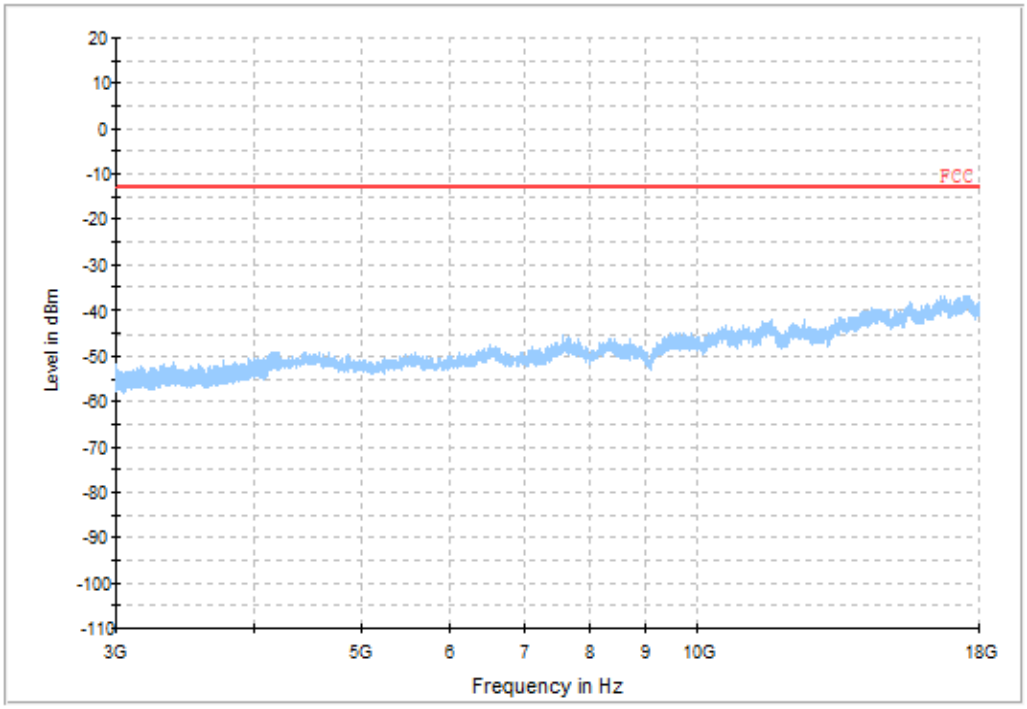
Copy of FCC PART22 WCDMA850_H



7.2.2 Test Band = WCDMA1900

7.2.2.1 Test Mode = UMTS/TM1

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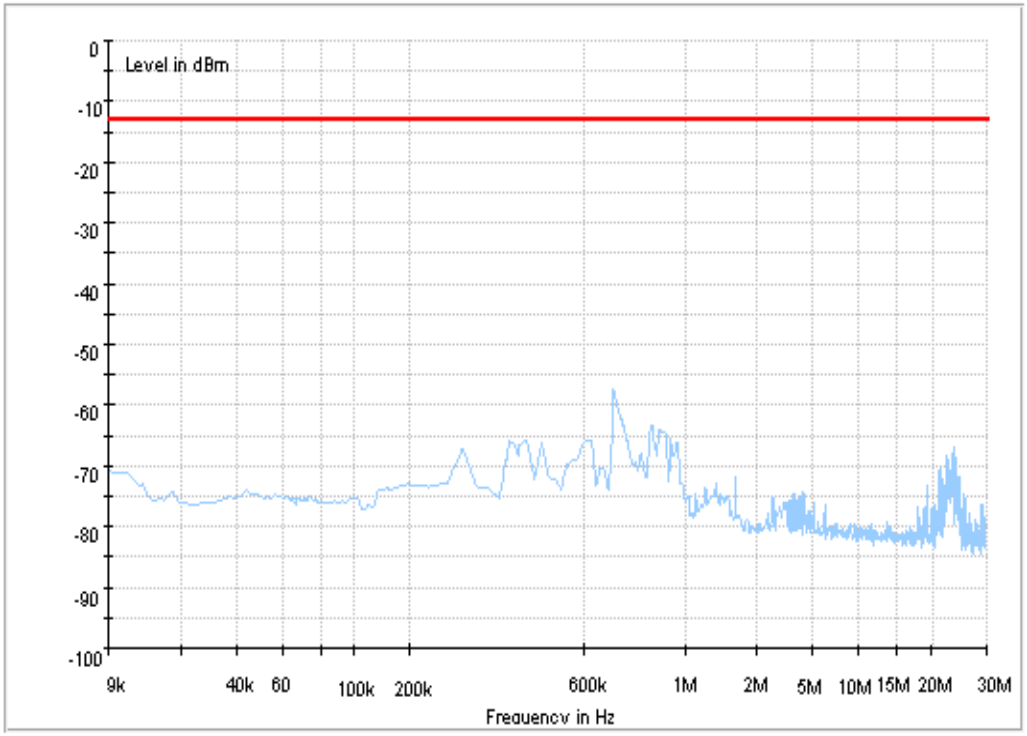

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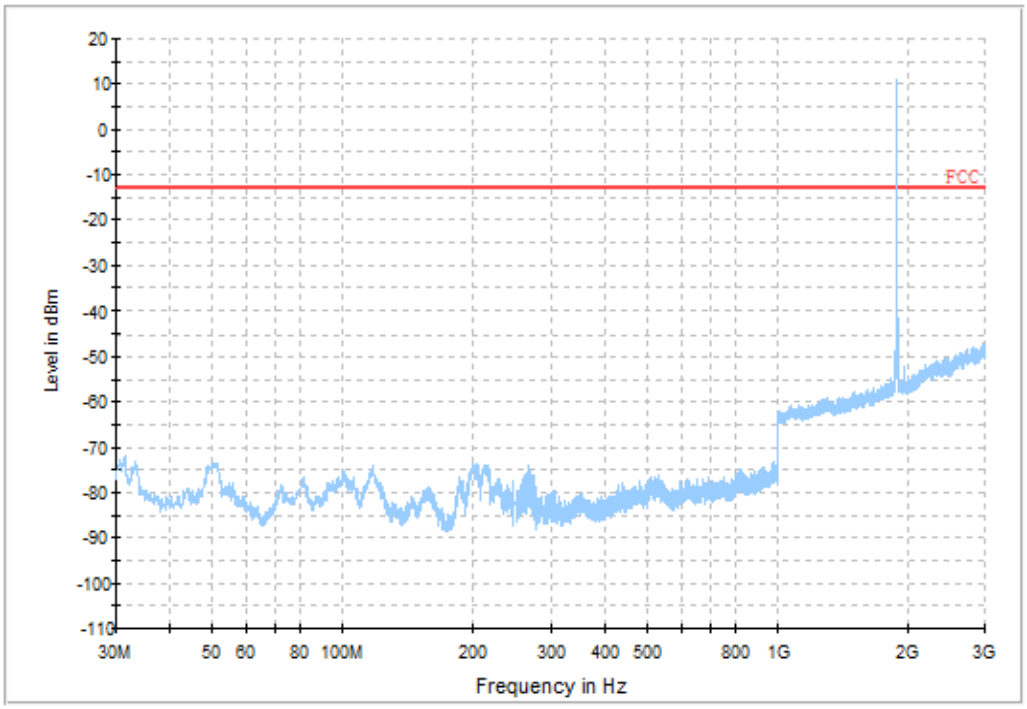

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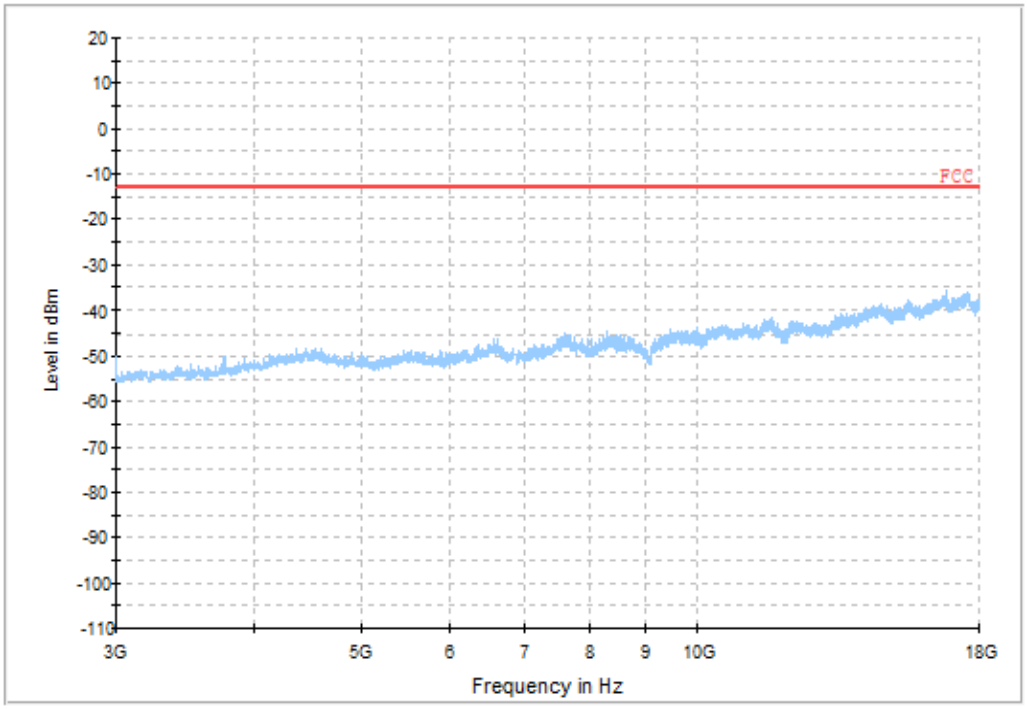

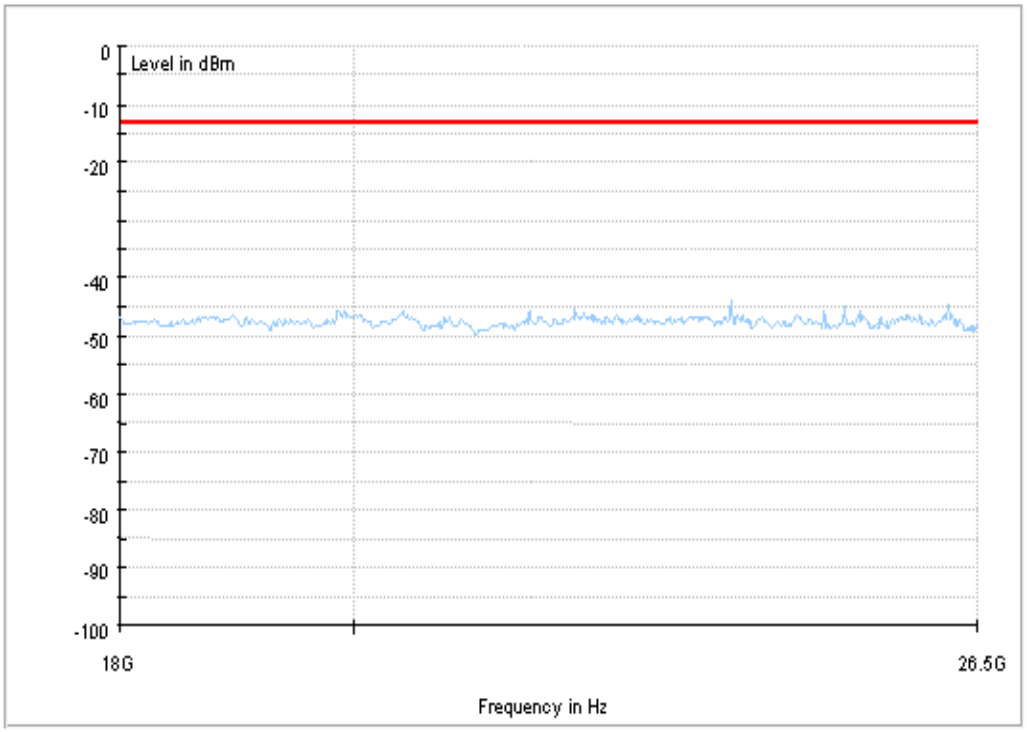

7.2.3 Test Band = WCDMA1700

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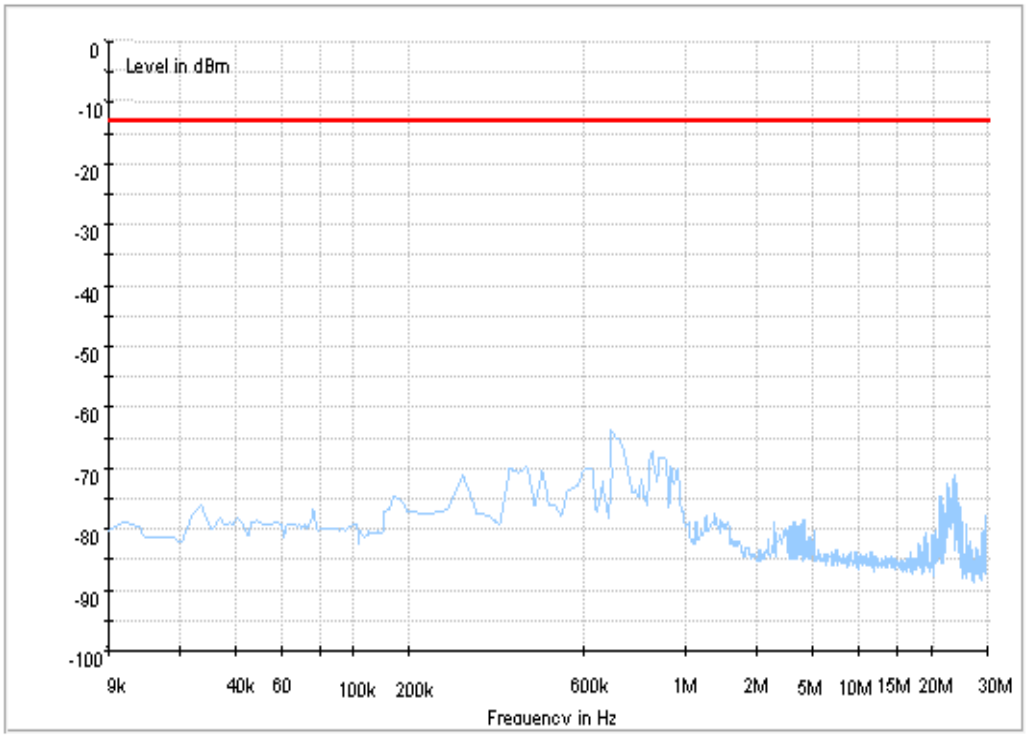
7.2.3.1 Test Mode = UMTS/TM1



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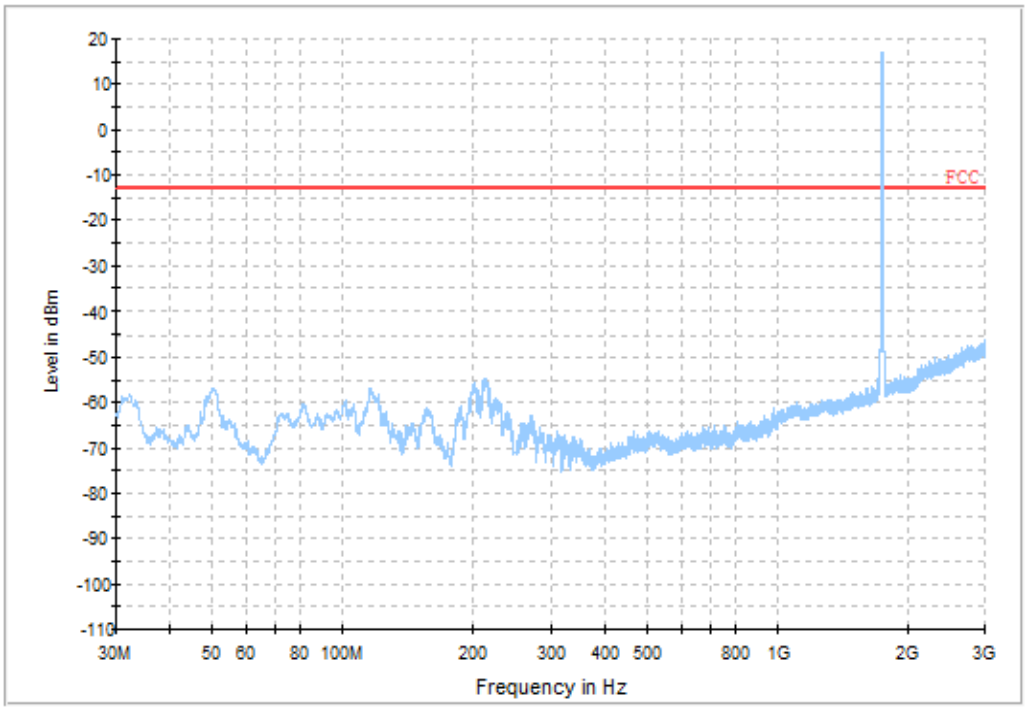

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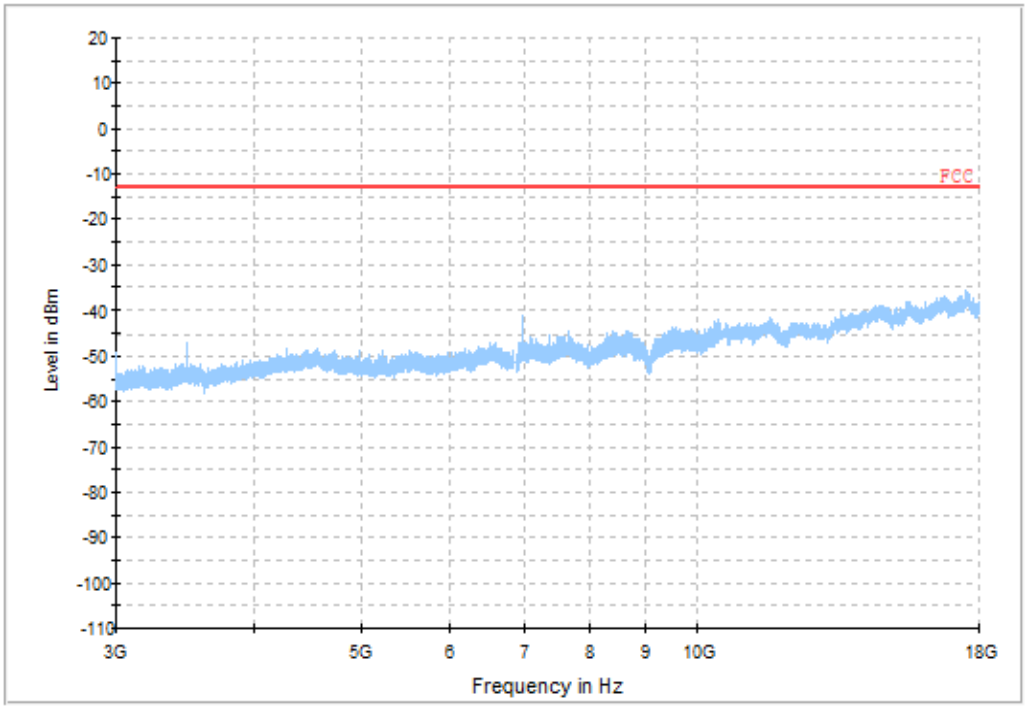

7.3 For LTE

7.3.1 Test Band = BAND4

7.3.1.1 Test Bandwidth = 1.4

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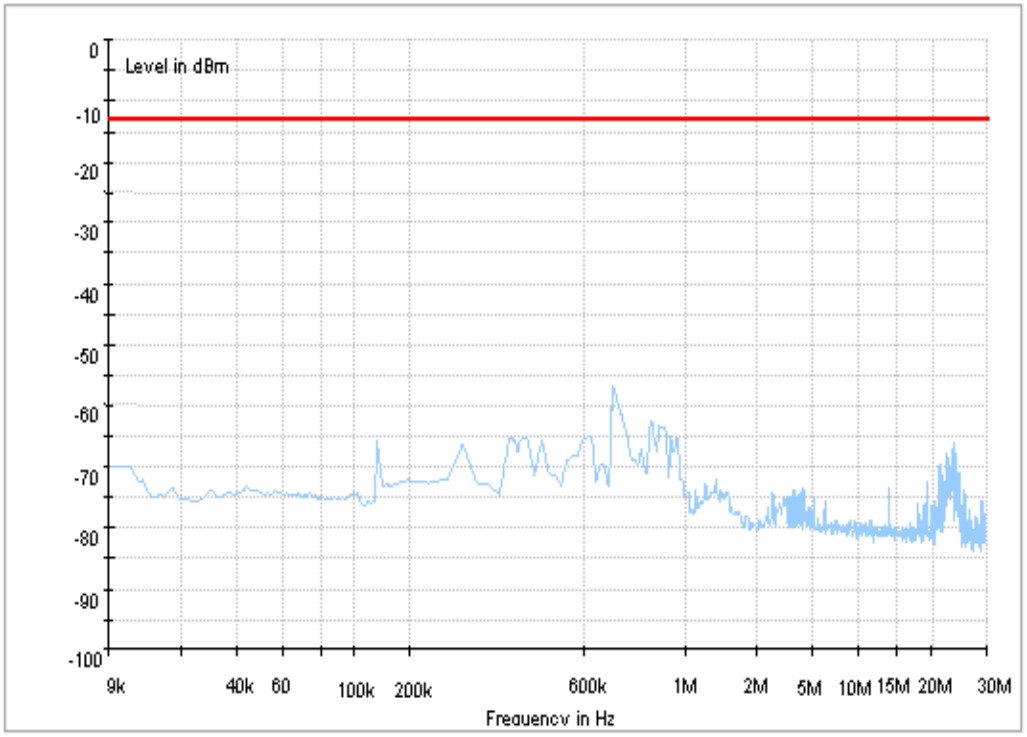

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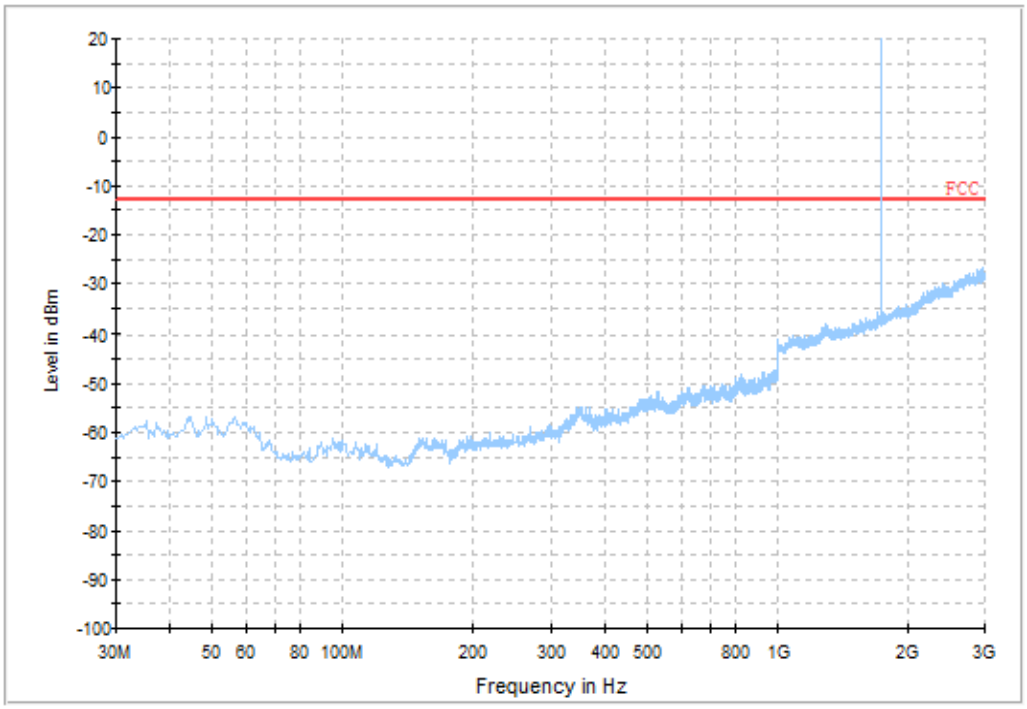

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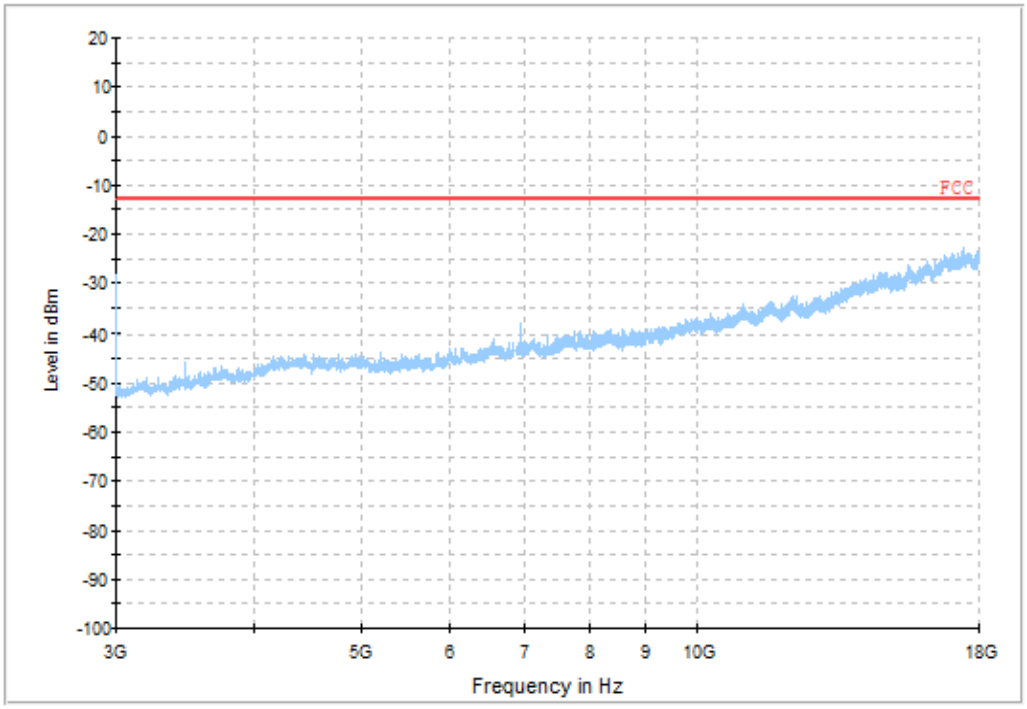

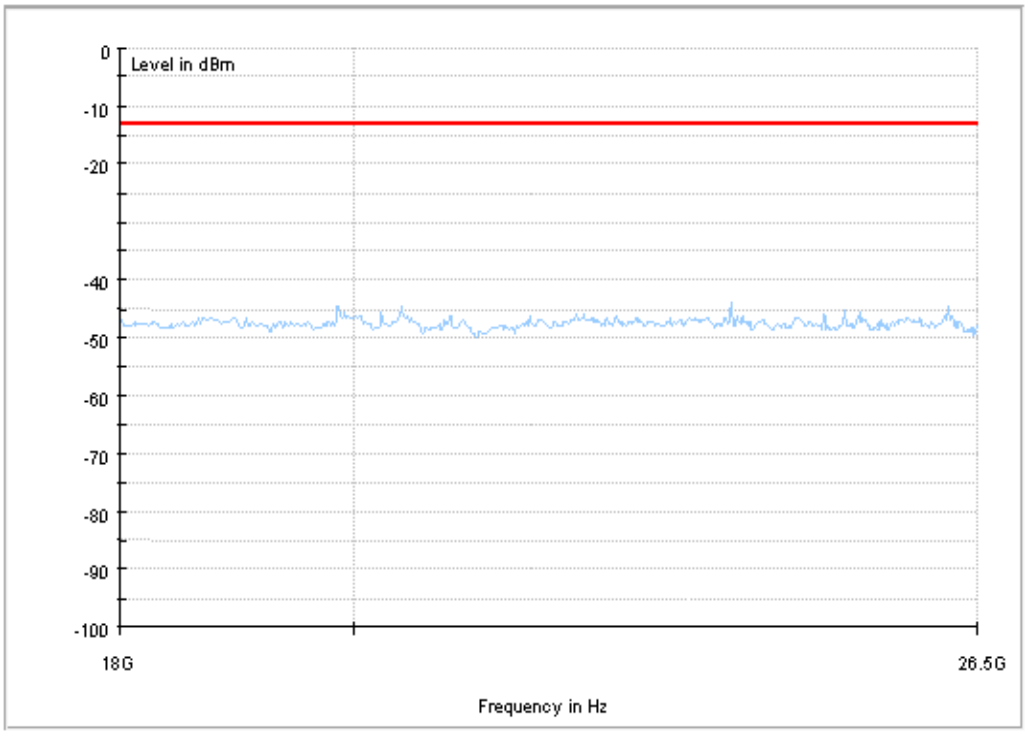

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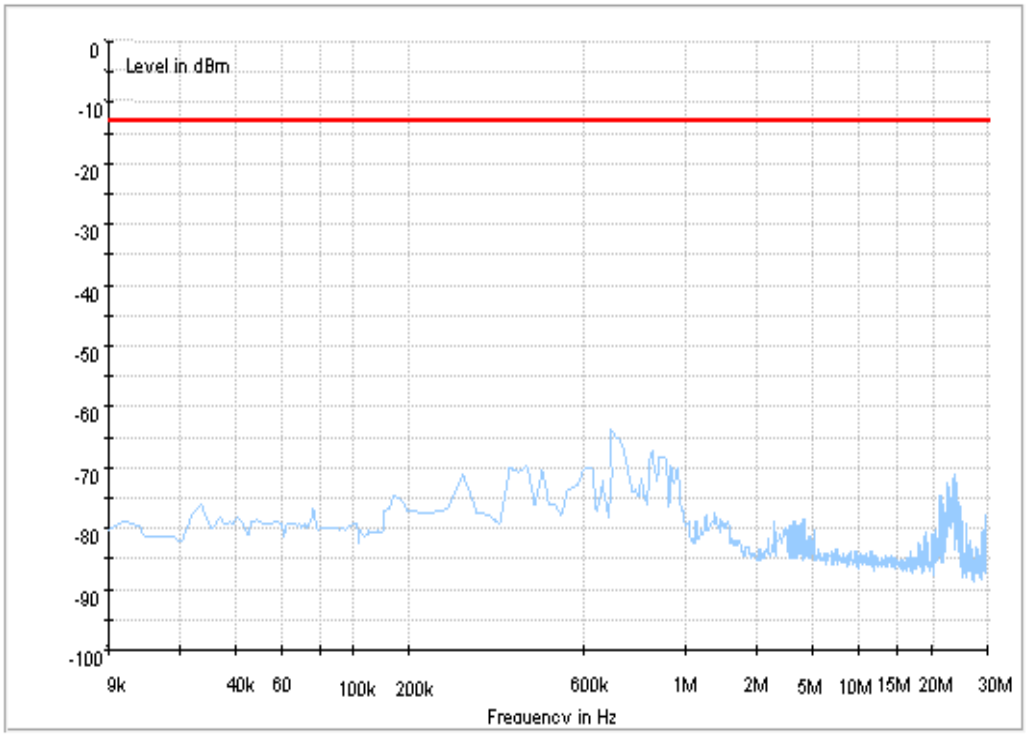
7.3.1.2 Test Bandwidth = 5



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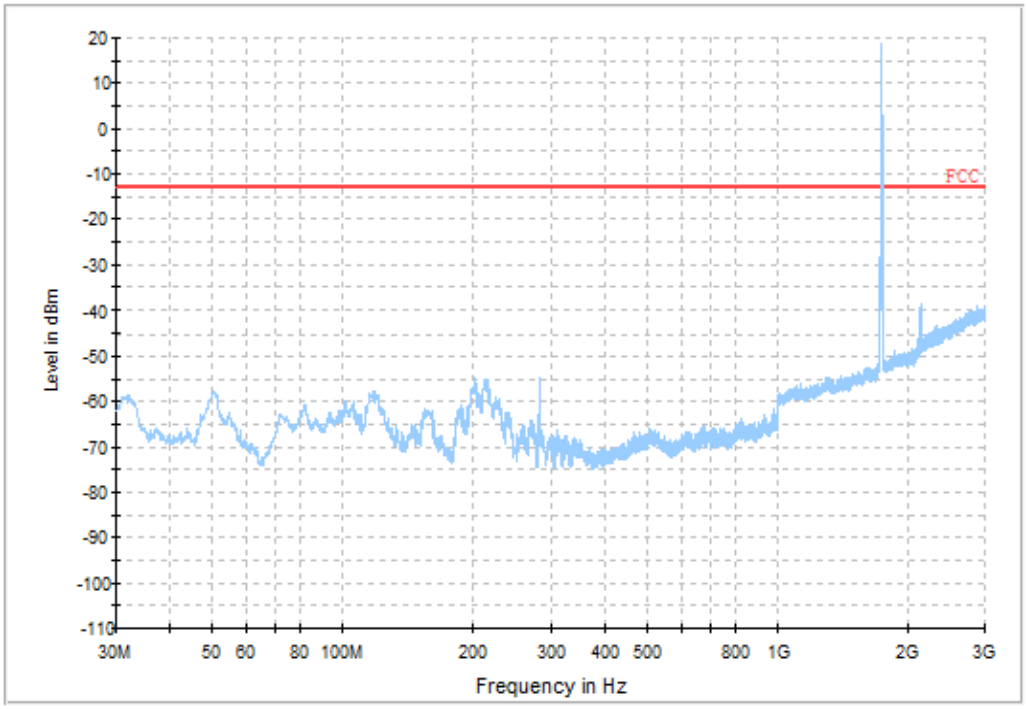
Copy of FCC PART27 LTE Band 4_L



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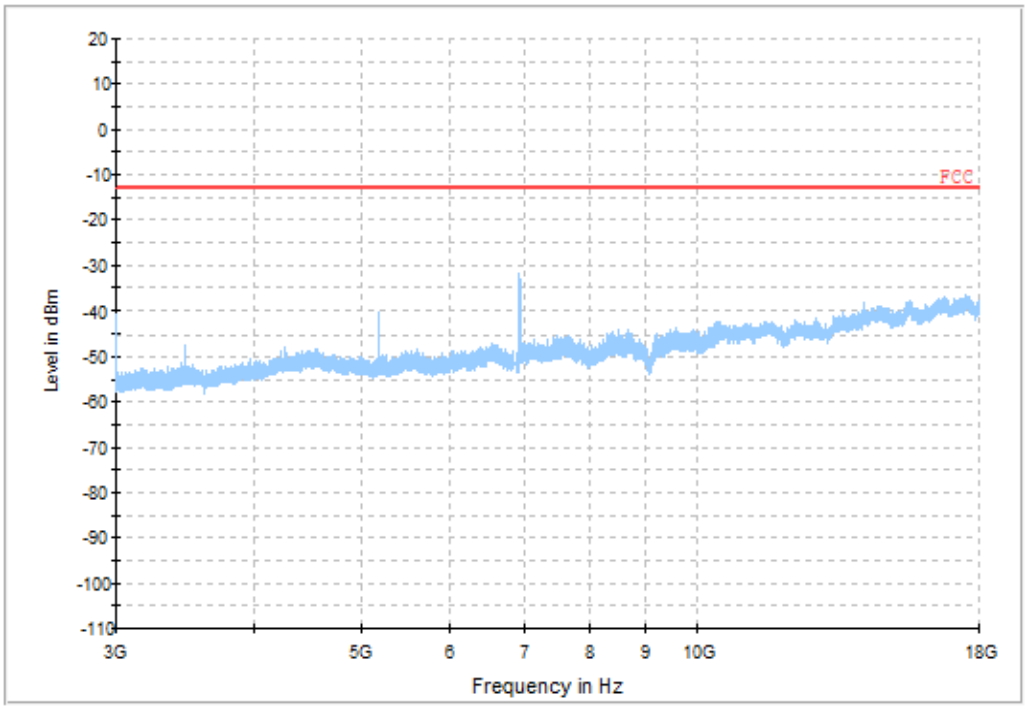

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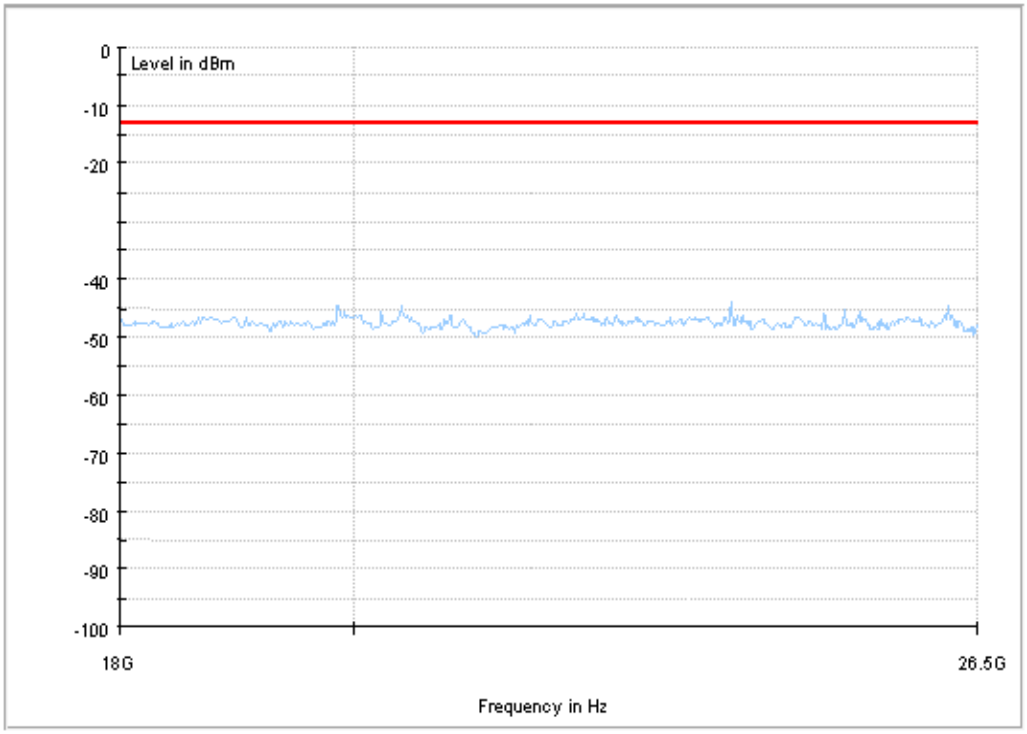

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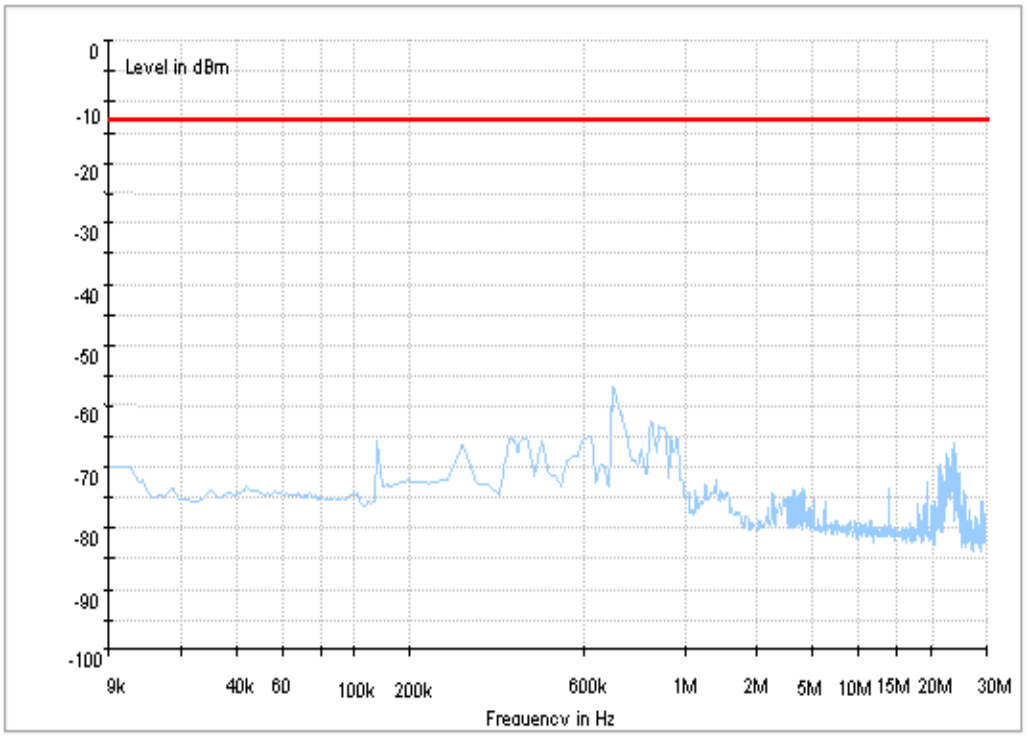
7.3.1.3 Test Bandwidth = 20



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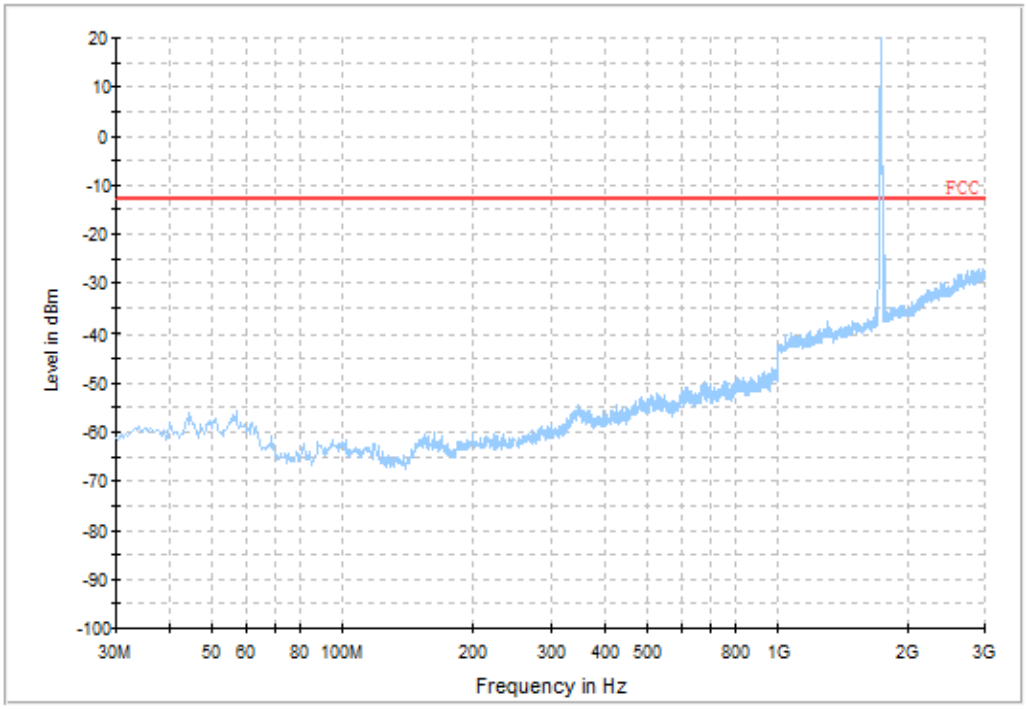

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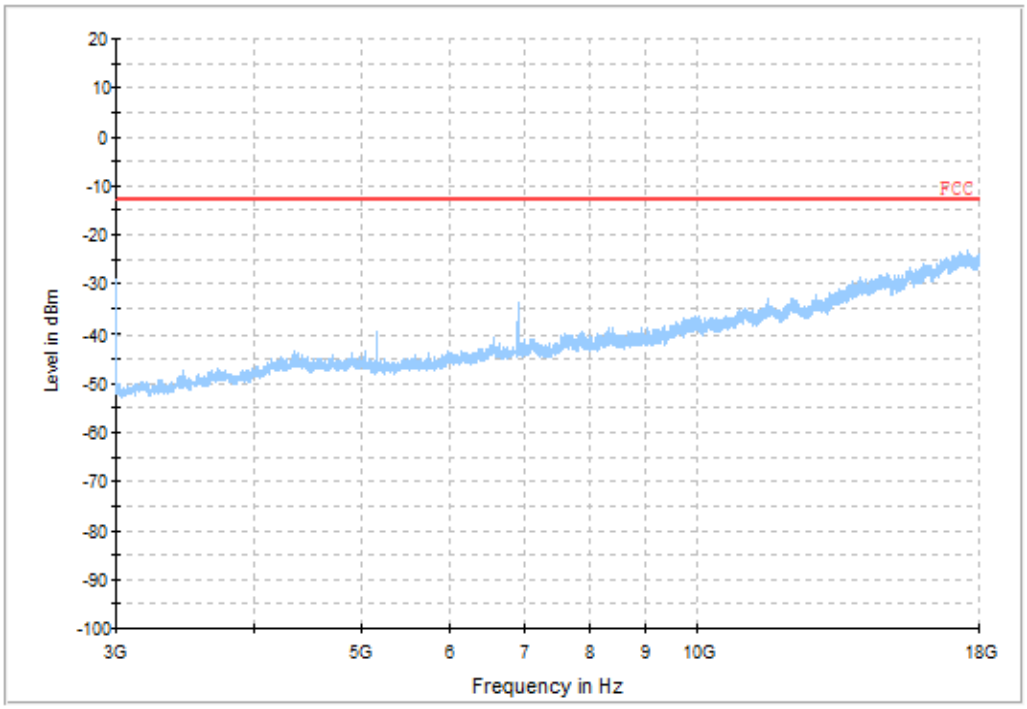

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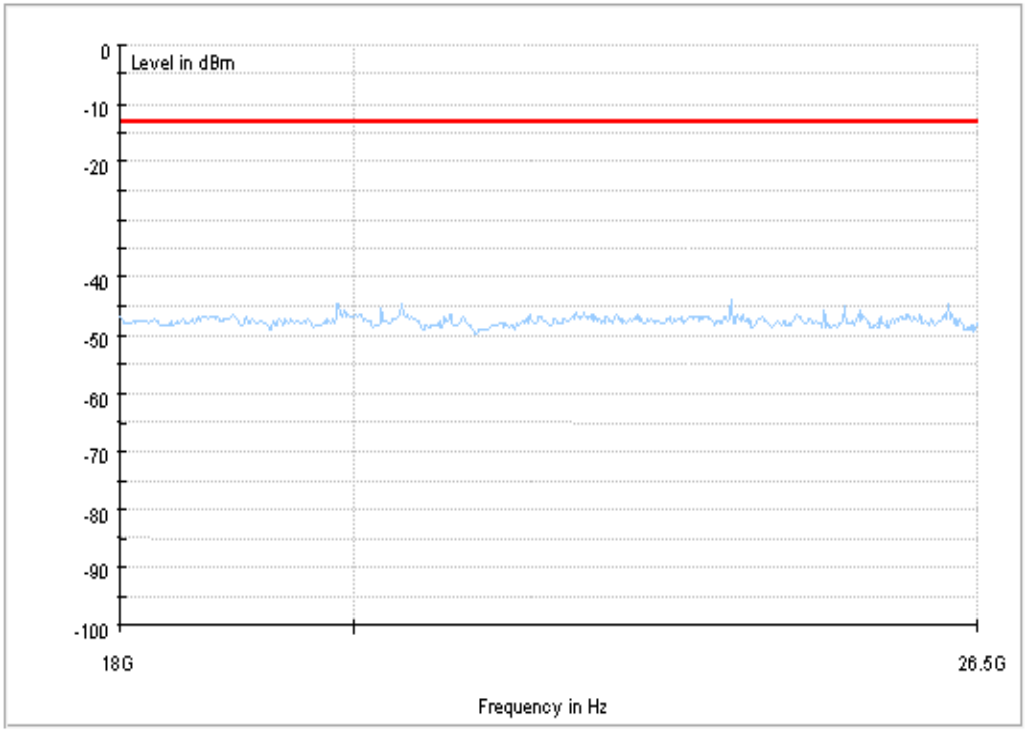

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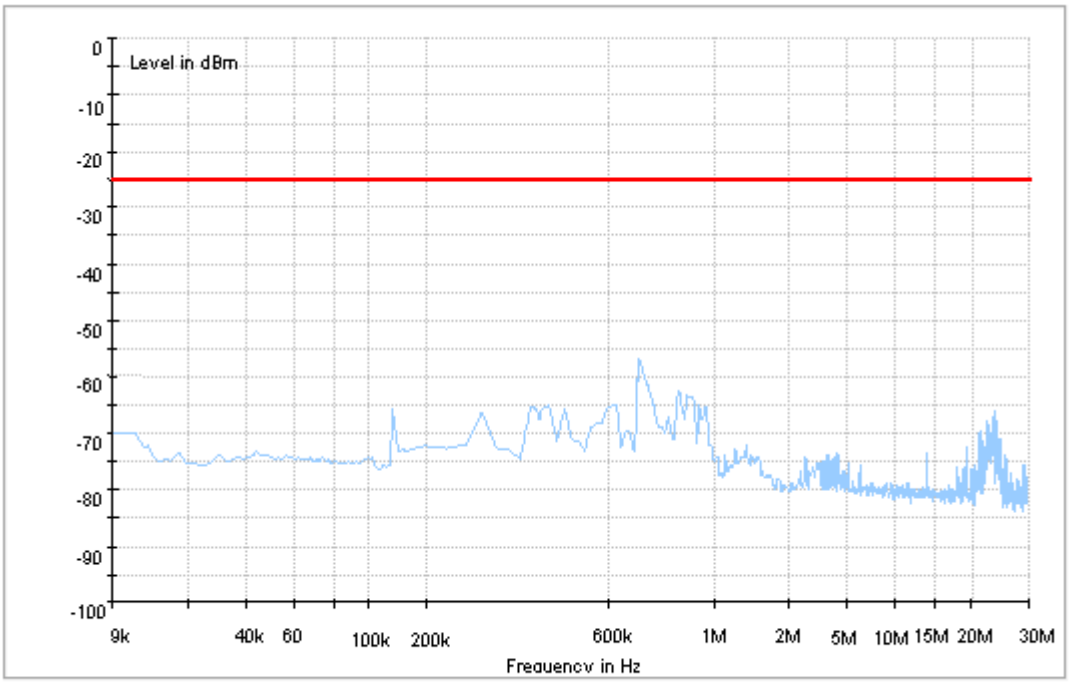
7.3.2 Test Band = BAND7

7.3.2.1 Test Bandwidth = 5



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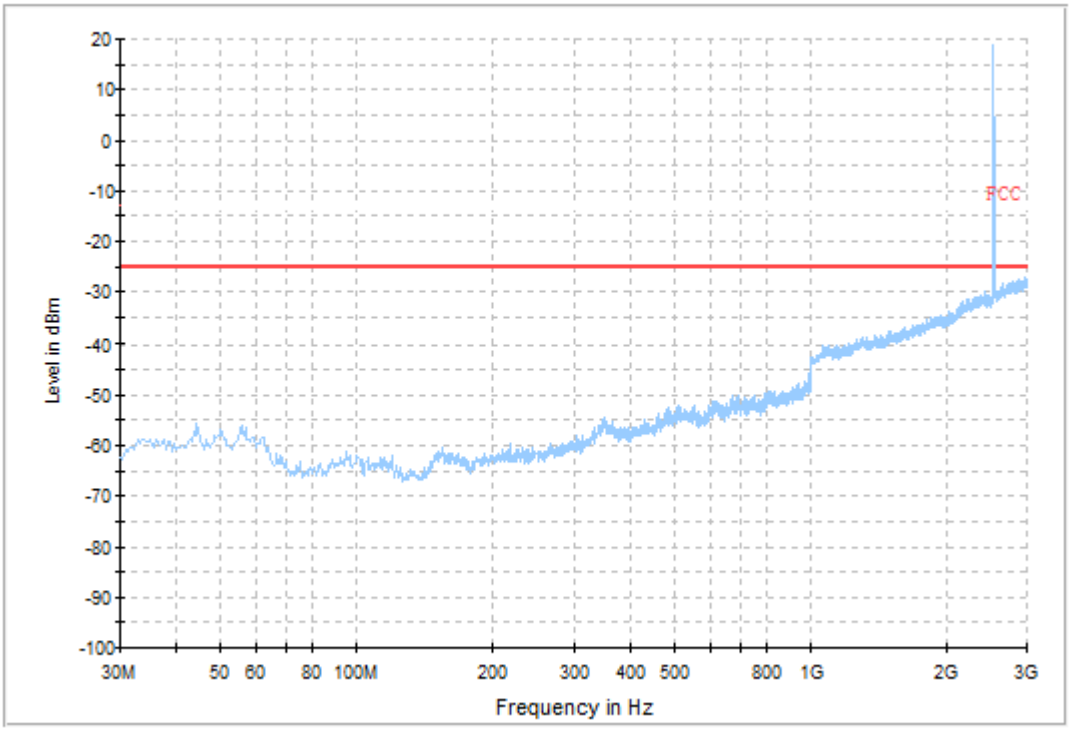

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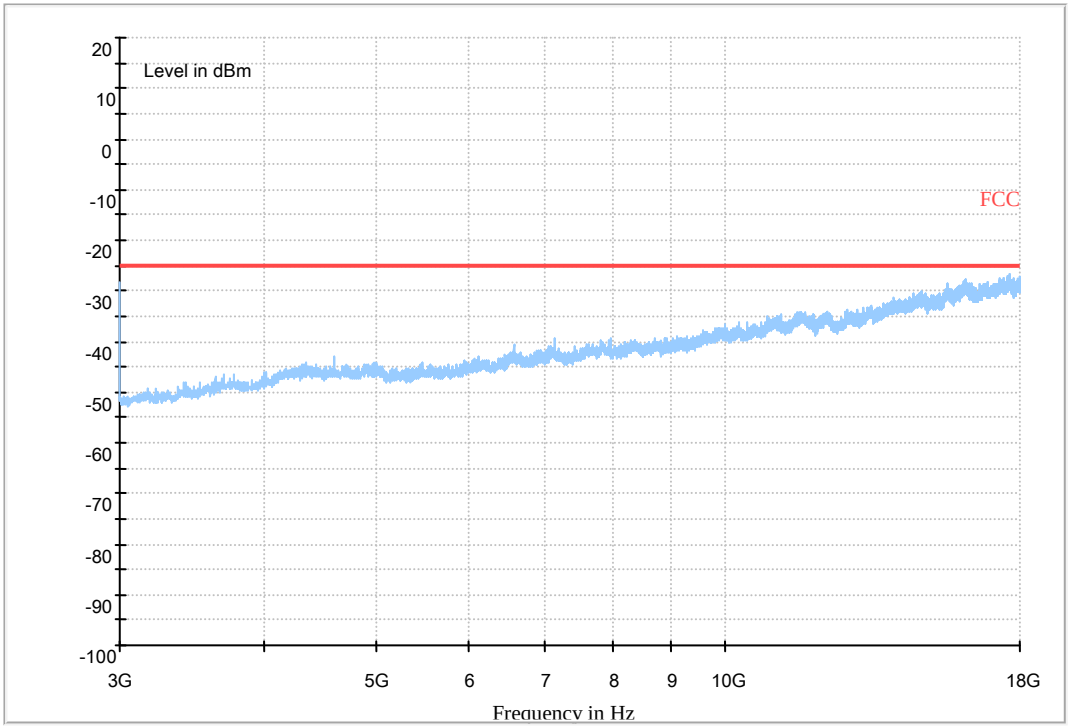

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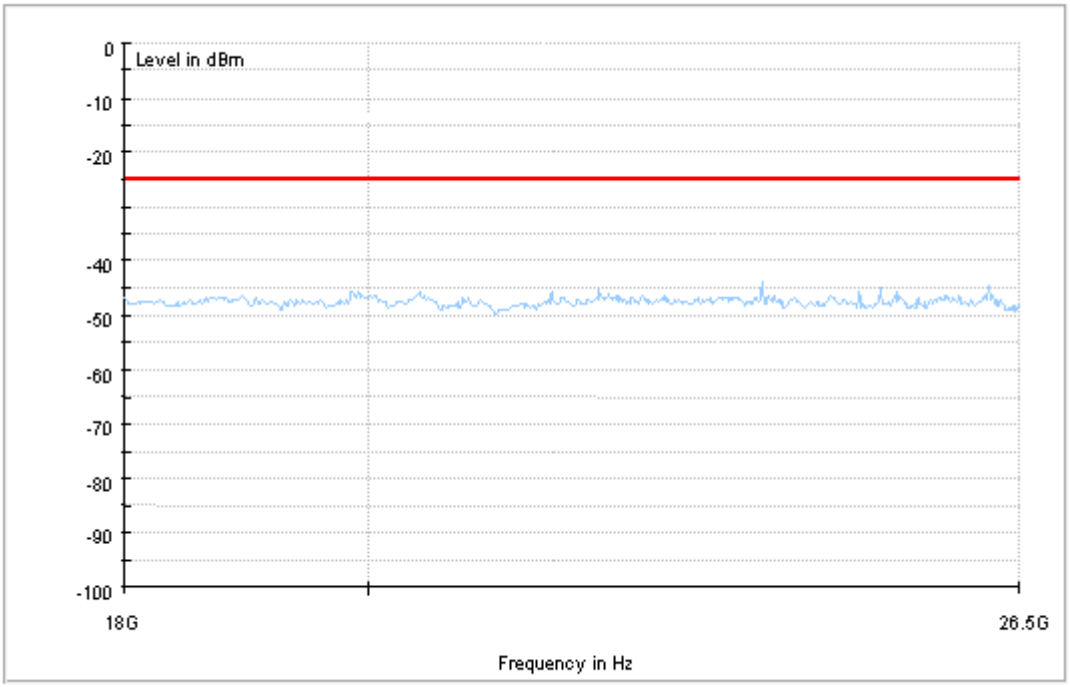

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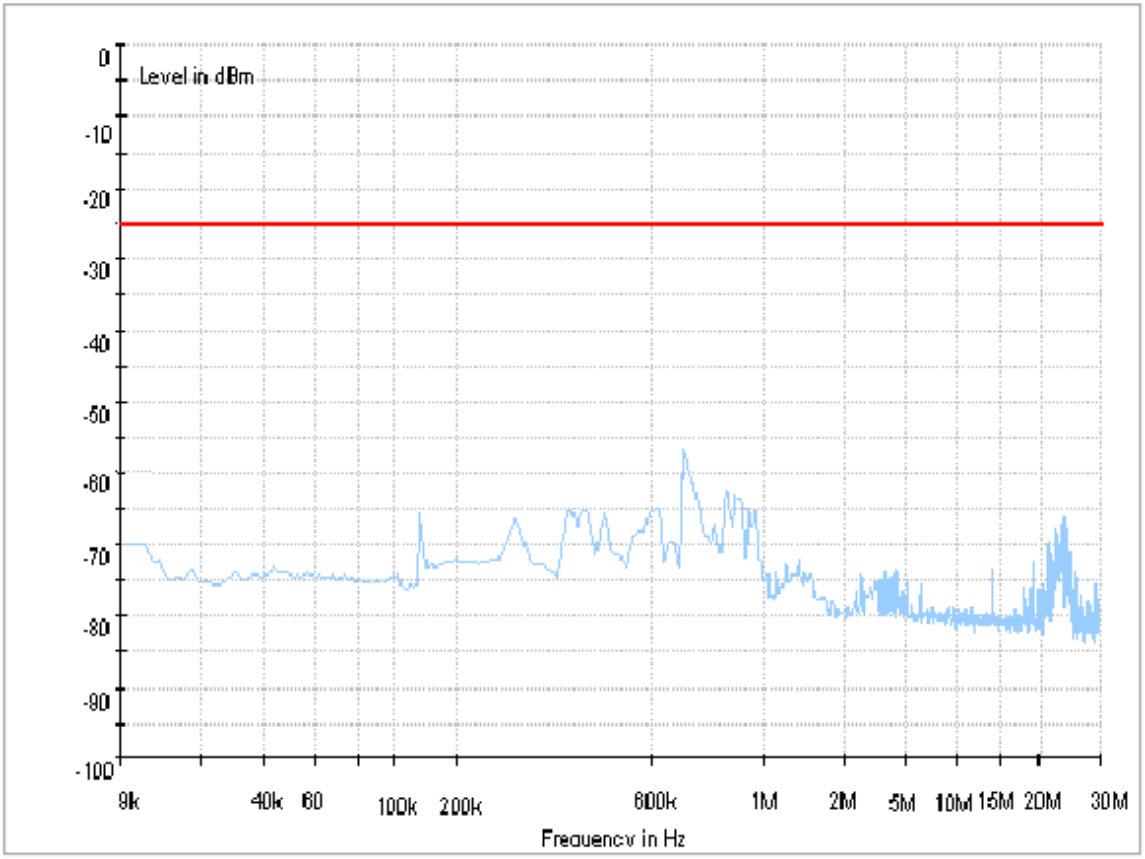
7.3.2.2 Test Bandwidth = 20



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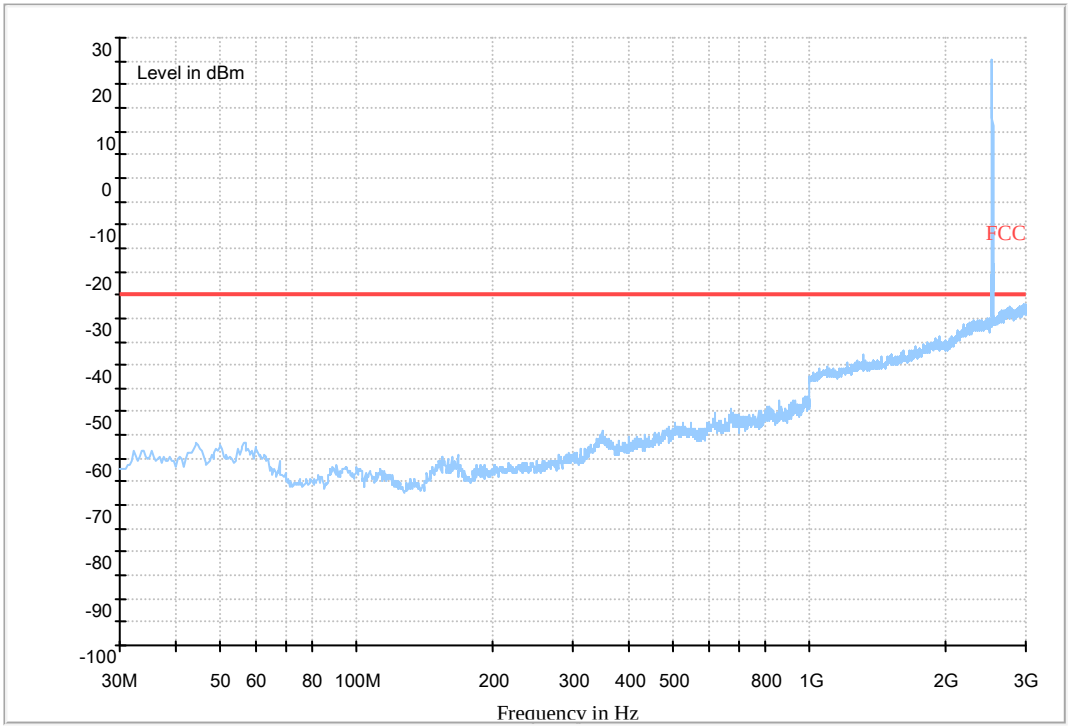

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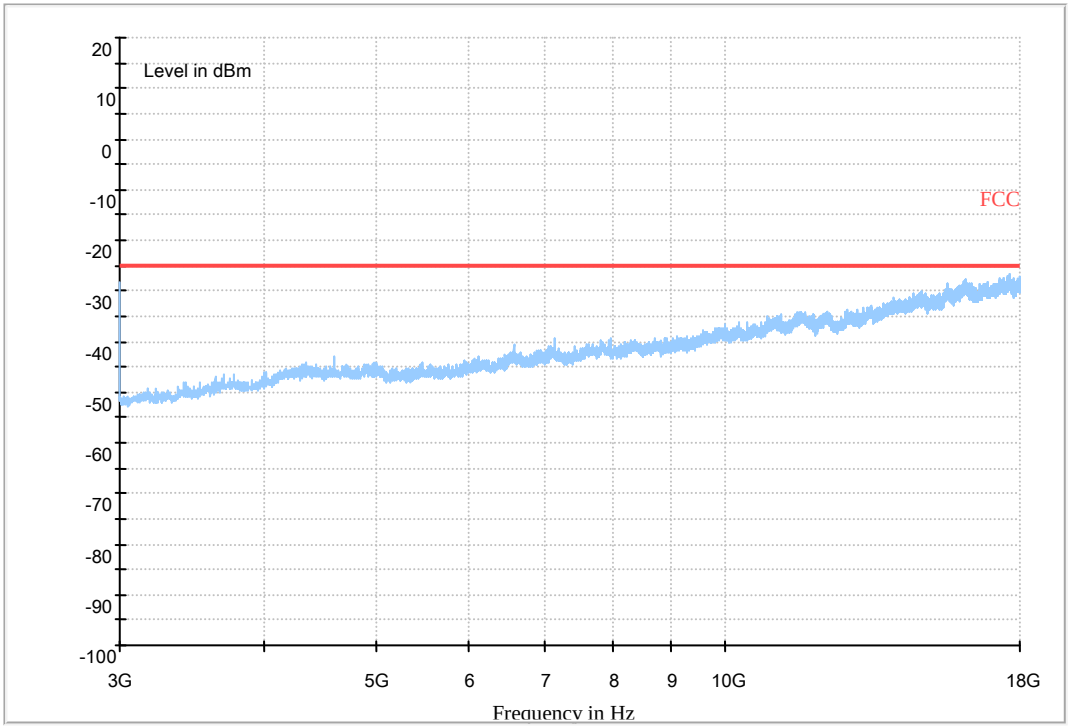

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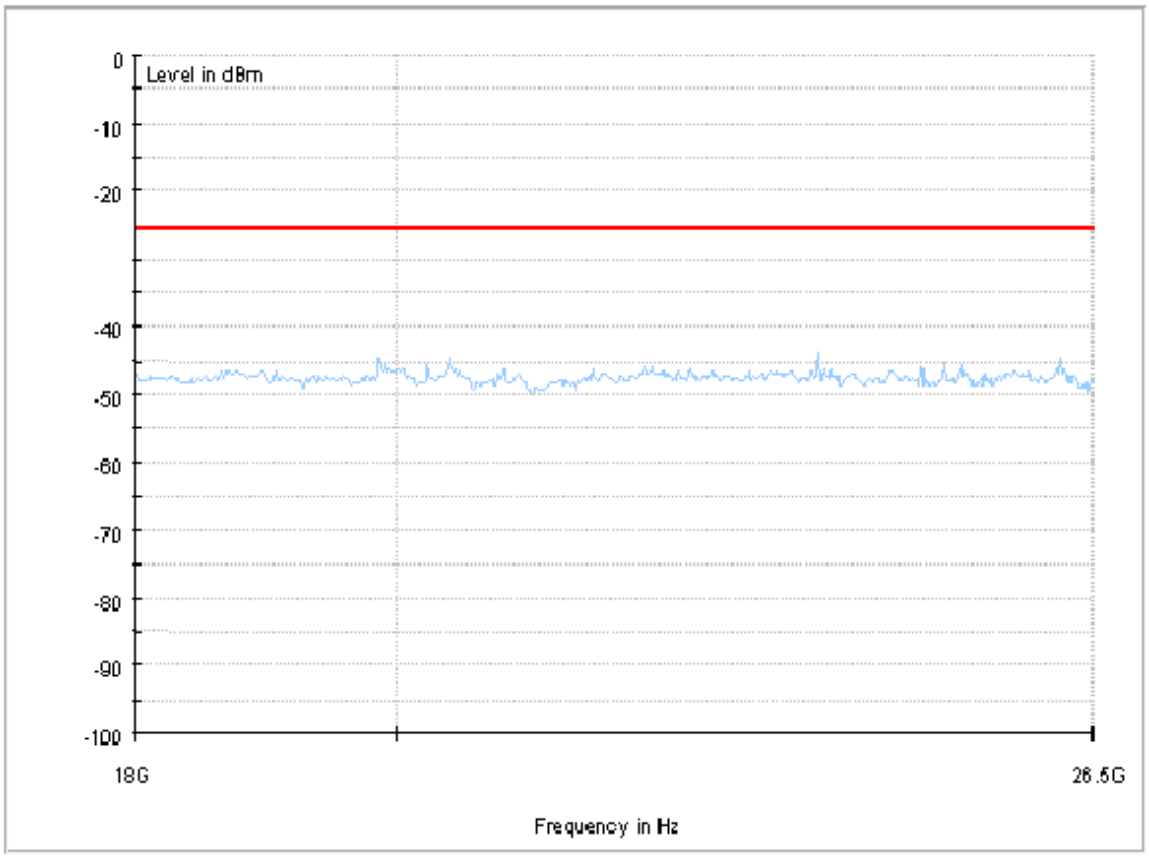

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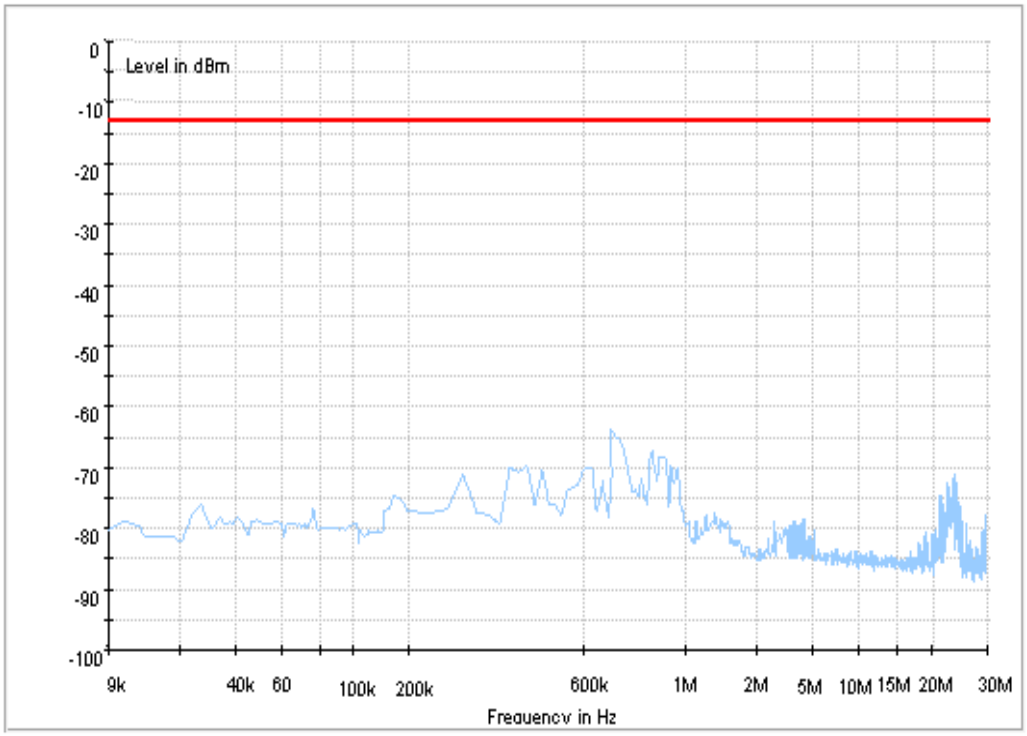
7.3.3 Test Band = BAND17

7.3.3.1 Test Bandwidth = 5



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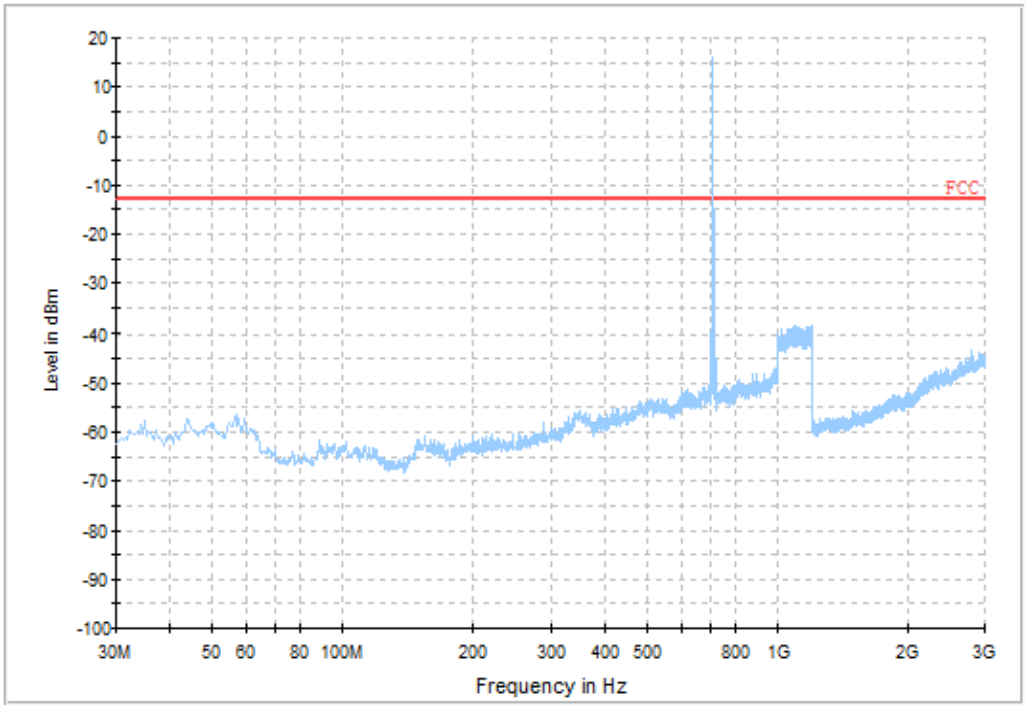
Copy of RSE-TX-DIRECTOR BELOW 1G_L



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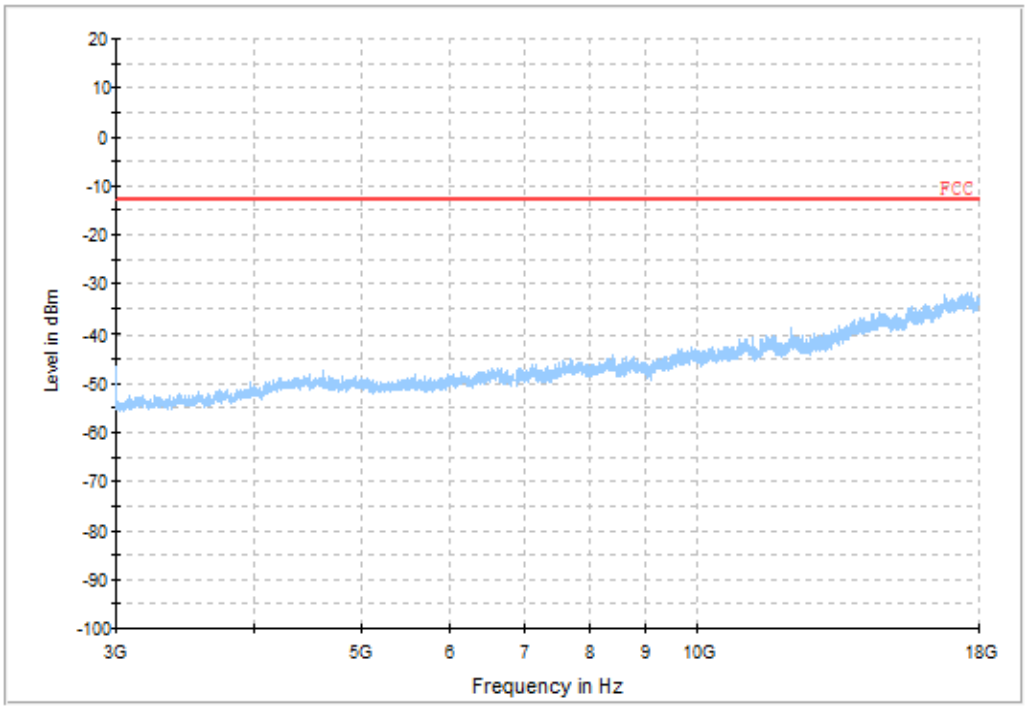

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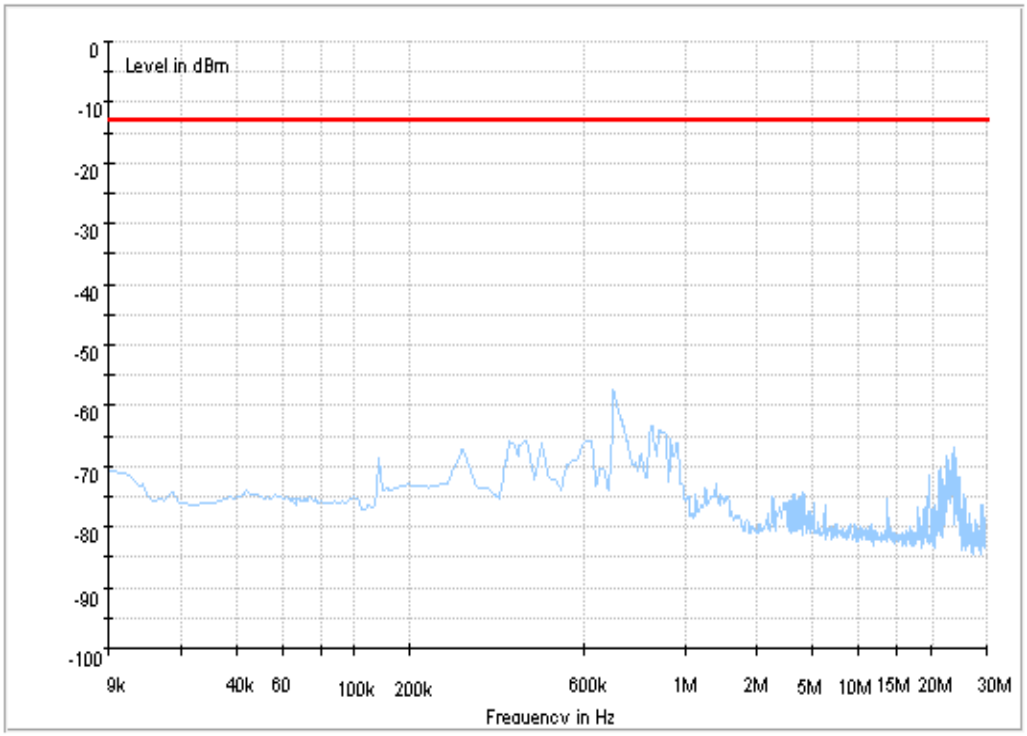

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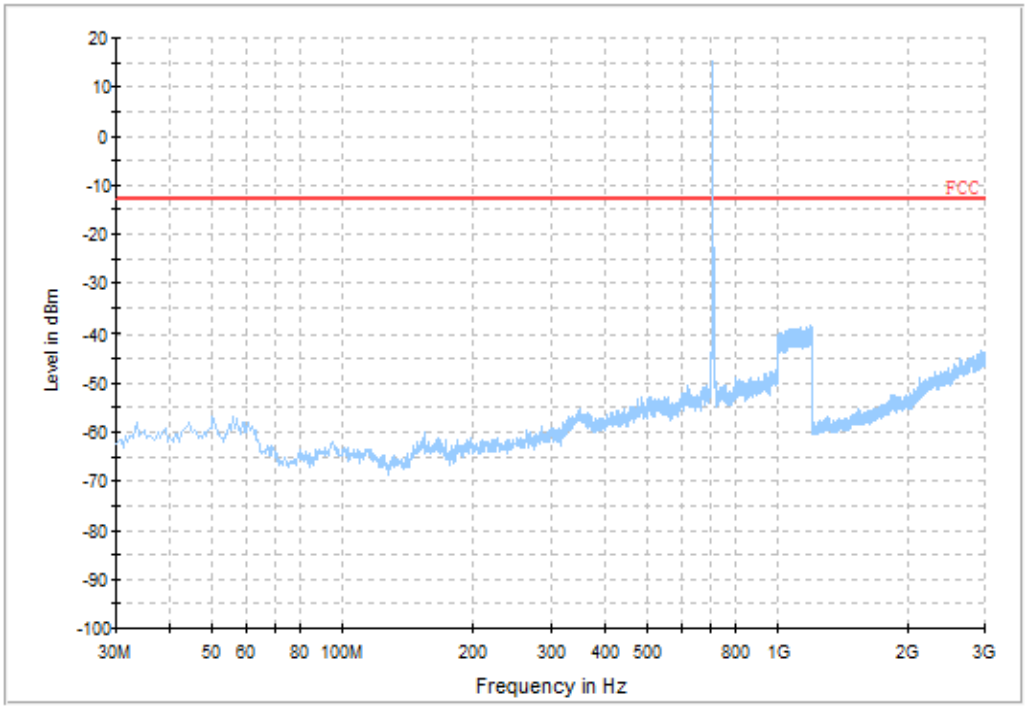

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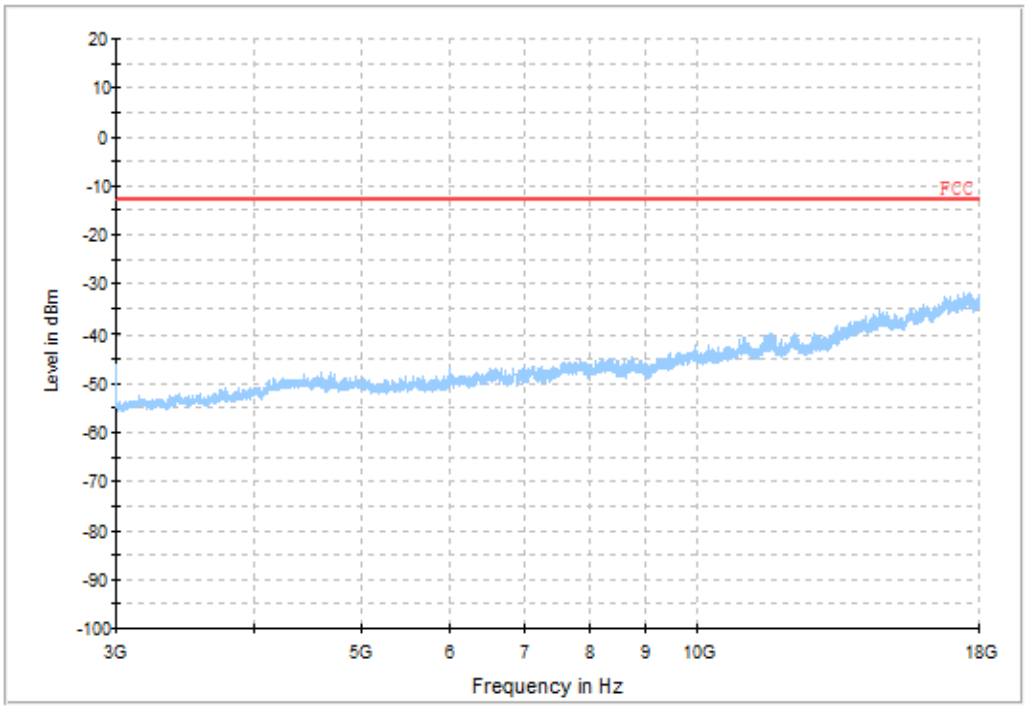

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8Appendix_H: Frequency Stability

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	-9.23	-0.0112	PASS
				VN	-14.21	-0.01724	PASS
				VH	-10.40	-0.01262	PASS
		MCH	TN	VL	-12.53	-0.01498	PASS
				VN	-9.43	-0.01127	PASS
				VH	-8.98	-0.01073	PASS
		HCH	TN	VL	-9.75	-0.01149	PASS
				VN	-9.56	-0.01126	PASS
				VH	-10.27	-0.0121	PASS
	GSM/TM2	LCH	TN	VL	-20.21	-0.02452	PASS
				VN	-17.18	-0.02084	PASS
				VH	-15.76	-0.01912	PASS
		MCH	TN	VL	-16.27	-0.01945	PASS
				VN	-21.53	-0.02574	PASS
				VH	-17.82	-0.0213	PASS
		HCH	TN	VL	-17.43	-0.02053	PASS
				VN	-18.53	-0.02183	PASS
				VH	-20.60	-0.02427	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-3.62	-0.00196	PASS
				VN	-12.27	-0.00663	PASS
				VH	-12.66	-0.00684	PASS
		MCH	TN	VL	11.04	0.00587	PASS
				VN	22.47	0.01195	PASS
				VH	21.11	0.01123	PASS
		HCH	TN	VL	3.10	0.00162	PASS
				VN	-1.61	-0.00084	PASS
				VH	-2.45	-0.00128	PASS
	GSM/TM2	LCH	TN	VL	-11.24	-0.00608	PASS
				VN	-12.49	-0.00675	PASS
				VH	-25.93	-0.01401	PASS

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Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	7.94	0.00422	PASS
				VN	11.88	0.00632	PASS
				VH	9.36	0.00498	PASS
		HCH	TN	VL	4.29	0.00225	PASS
				VN	3.49	0.00183	PASS
				VH	4.26	0.00223	PASS

8.1.2Frequency 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	-10.46	-0.01269	PASS
				-20	-9.75	-0.01183	PASS
				-10	-14.33	-0.01739	PASS
				0	-12.98	-0.01575	PASS
				10	-13.04	-0.01582	PASS
				20	-11.49	-0.01394	PASS
				30	-13.62	-0.01653	PASS
				40	-13.75	-0.01668	PASS
				50	-11.49	-0.01394	PASS
		MCH	VN	-30	-7.94	-0.00949	PASS
				-20	-8.33	-0.00996	PASS
				-10	-9.69	-0.01158	PASS
				0	-6.84	-0.00818	PASS
				10	-8.59	-0.01027	PASS
				20	-10.91	-0.01304	PASS
				30	-10.98	-0.01312	PASS
				40	-8.20	-0.0098	PASS
				50	-7.49	-0.00895	PASS
		HCH	VN	-30	-8.65	-0.01019	PASS
				-20	-5.42	-0.00639	PASS
				-10	-10.85	-0.01278	PASS
				0	-11.62	-0.01369	PASS
				10	-11.88	-0.014	PASS
				20	-14.14	-0.01666	PASS
				30	-12.33	-0.01453	PASS
				40	-12.46	-0.01468	PASS
				50	-10.91	-0.01285	PASS
	GSM/TM2	LCH	VN	-30	-17.92	-0.02174	PASS
				-20	-18.89	-0.02292	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-10	-21.86	-0.02652	PASS
				0	-22.89	-0.02777	PASS
				10	-16.01	-0.01942	PASS
				20	-12.62	-0.01531	PASS
				30	-14.43	-0.01751	PASS
				40	-15.40	-0.01868	PASS
				50	-19.66	-0.02385	PASS
		MCH	VN	-30	-11.78	-0.01408	PASS
				-20	-18.34	-0.02192	PASS
				-10	-14.63	-0.01749	PASS
				0	-19.44	-0.02324	PASS
				10	-13.04	-0.01559	PASS
				20	-13.40	-0.01602	PASS
				30	-15.17	-0.01813	PASS
				40	-10.72	-0.01281	PASS
				50	-14.98	-0.01791	PASS
		HCH	VN	-30	-13.85	-0.01632	PASS
				-20	-10.56	-0.01244	PASS
				-10	-13.50	-0.0159	PASS
				0	-15.11	-0.0178	PASS
				10	-17.31	-0.02039	PASS
				20	-16.37	-0.01929	PASS
				30	-20.02	-0.02359	PASS
				40	-15.27	-0.01799	PASS
				50	-16.79	-0.01978	PASS
GSM1900	GSM/TM1	LCH	VN	-30	-10.91	-0.0059	PASS
				-20	-13.37	-0.00723	PASS
				-10	-14.92	-0.00806	PASS
				0	-6.07	-0.00328	PASS
				10	-15.56	-0.00841	PASS
				20	-9.36	-0.00506	PASS
				30	-16.92	-0.00914	PASS
				40	-11.56	-0.00625	PASS
				50	-15.17	-0.0082	PASS
		MCH	VN	-30	12.46	0.00663	PASS
				-20	22.99	0.01223	PASS
				-10	20.92	0.01113	PASS
				0	18.34	0.00976	PASS
				10	18.92	0.01006	PASS
				20	18.27	0.00972	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				30	22.15	0.01178	PASS
				40	27.38	0.01456	PASS
				50	22.54	0.01199	PASS
		HCH	VN	-30	3.16	0.00165	PASS
				-20	-1.36	-0.00071	PASS
				-10	-0.39	-0.0002	PASS
				0	2.20	0.00115	PASS
				10	2.91	0.00152	PASS
				20	5.04	0.00264	PASS
				30	0.77	0.0004	PASS
				40	-4.20	-0.0022	PASS
				50	-1.68	-0.00088	PASS
	GSM/TM2	LCH	VN	-30	-20.53	-0.0111	PASS
				-20	-18.69	-0.0101	PASS
				-10	-14.82	-0.00801	PASS
				0	-23.99	-0.01297	PASS
				10	-22.37	-0.01209	PASS
				20	-27.25	-0.01473	PASS
				30	-22.83	-0.01234	PASS
				40	-18.76	-0.01014	PASS
				50	-26.12	-0.01412	PASS
		MCH	VN	-30	13.40	0.00713	PASS
				-20	19.53	0.01039	PASS
				-10	20.28	0.01079	PASS
				0	26.93	0.01432	PASS
				10	15.24	0.00811	PASS
				20	19.31	0.01027	PASS
				30	20.63	0.01097	PASS
				40	21.50	0.01144	PASS
				50	22.99	0.01223	PASS
		HCH	VN	-30	-3.68	-0.00193	PASS
				-20	-11.85	-0.0062	PASS
				-10	-6.13	-0.00321	PASS
				0	0.48	0.00025	PASS
				10	-0.90	-0.00047	PASS
				20	1.10	0.00058	PASS
				30	2.65	0.00139	PASS
				40	4.88	0.00256	PASS
				50	-2.10	-0.0011	PASS

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8.2 For UMTS

8.2.1Frequency 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	8.54	0.01033	PASS
				VN	-0.09	-0.00011	PASS
				VH	-3.36	-0.00407	PASS
		MCH	TN	VL	-0.18	-0.00022	PASS
				VN	7.39	0.00884	PASS
				VH	5.58	0.00667	PASS
		HCH	TN	VL	4.91	0.0058	PASS
				VN	0.78	0.00092	PASS
				VH	4.23	0.005	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	3.78	0.00204	PASS
				VN	6.90	0.00372	PASS
				VH	1.19	0.00064	PASS
		MCH	TN	VL	-0.24	-0.00013	PASS
				VN	-0.61	-0.00032	PASS
				VH	0.05	0.00003	PASS
		HCH	TN	VL	3.97	0.00208	PASS
				VN	2.21	0.00116	PASS
				VH	4.21	0.00221	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	1.19	0.00069	PASS
				VN	12.50	0.0073	PASS
				VH	12.21	0.00713	PASS
		MCH	TN	VL	4.33	0.0025	PASS
				VN	6.96	0.00402	PASS
				VH	-2.73	-0.00158	PASS
		HCH	TN	VL	4.35	0.00248	PASS
				VN	-3.19	-0.00182	PASS
				VH	1.85	0.00106	PASS

8.2.2Frequency 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	9.60	0.01162	PASS
				-20	2.69	0.00326	PASS
				-10	-3.45	-0.00417	PASS
				0	6.18	0.00748	PASS
				10	5.07	0.00614	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				20	10.79	0.01306	PASS
				30	6.21	0.00751	PASS
				40	2.53	0.00306	PASS
				50	-1.54	-0.00186	PASS
		MCH	VN	-30	-5.46	-0.00653	PASS
				-20	8.07	0.00965	PASS
				-10	8.61	0.01029	PASS
				0	6.15	0.00735	PASS
				10	4.29	0.00513	PASS
				20	9.28	0.0111	PASS
				30	6.79	0.00812	PASS
				40	-0.41	-0.00049	PASS
				50	2.59	0.0031	PASS
		HCH	VN	-30	5.98	0.00706	PASS
				-20	9.16	0.01082	PASS
				-10	1.69	0.002	PASS
				0	0.95	0.00112	PASS
				10	7.93	0.00937	PASS
				20	0.41	0.00048	PASS
				30	2.73	0.00322	PASS
				40	4.85	0.00573	PASS
				50	-1.36	-0.00161	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	12.82	0.00692	PASS
				-20	1.51	0.00082	PASS
				-10	-0.85	-0.00046	PASS
				0	7.95	0.00429	PASS
				10	13.03	0.00703	PASS
				20	2.91	0.00157	PASS
				30	4.23	0.00228	PASS
				40	-1.16	-0.00063	PASS
				50	-1.95	-0.00105	PASS
		MCH	VN	-30	7.63	0.00406	PASS
				-20	12.19	0.00648	PASS
				-10	12.79	0.0068	PASS
				0	6.18	0.00329	PASS
				10	9.80	0.00521	PASS
				20	5.77	0.00307	PASS
				30	2.09	0.00111	PASS
				40	9.90	0.00527	PASS
				50	10.80	0.00574	PASS

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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	5.07	0.00266	PASS
				-20	-0.49	-0.00026	PASS
				-10	5.68	0.00298	PASS
				0	11.61	0.00609	PASS
				10	6.64	0.00348	PASS
				20	12.12	0.00635	PASS
				30	-2.09	-0.0011	PASS
				40	1.42	0.00074	PASS
				50	12.77	0.00669	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	2.15	0.00126	PASS
				-20	-3.94	-0.0023	PASS
				-10	11.46	0.00669	PASS
				0	-0.46	-0.00027	PASS
				10	-3.68	-0.00215	PASS
				20	13.23	0.00773	PASS
				30	12.89	0.00753	PASS
				40	8.19	0.00478	PASS
				50	-5.11	-0.00298	PASS
		MCH	VN	-30	10.51	0.00607	PASS
				-20	3.31	0.00191	PASS
				-10	4.55	0.00263	PASS
				0	2.96	0.00171	PASS
				10	9.95	0.00574	PASS
				20	14.91	0.00861	PASS
				30	7.14	0.00412	PASS
				40	3.43	0.00198	PASS
				50	-1.95	-0.00113	PASS
		HCH	VN	-30	4.61	0.00263	PASS
				-20	8.10	0.00462	PASS
				-10	5.37	0.00306	PASS
				0	1.95	0.00111	PASS
				10	7.63	0.00435	PASS
				20	0.21	0.00012	PASS
				30	1.42	0.00081	PASS
				40	1.54	0.00088	PASS
				50	5.00	0.00285	PASS

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8.3 For LTE

8.3.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	TN	VL	9.96	0.00582	PASS
					VN	8.73	0.0051	PASS
					VH	7.70	0.0045	PASS
			MCH	TN	VL	10.91	0.0063	PASS
					VN	13.85	0.00799	PASS
					VH	10.30	0.00595	PASS
			HCH	TN	VL	12.53	0.00714	PASS
					VN	8.21	0.00468	PASS
					VH	9.11	0.00519	PASS
		3	LCH	TN	VL	3.02	0.00176	PASS
					VN	2.12	0.00124	PASS
					VH	6.29	0.00368	PASS
			MCH	TN	VL	10.29	0.00594	PASS
					VN	3.66	0.00211	PASS
					VH	5.16	0.00298	PASS
			HCH	TN	VL	5.54	0.00316	PASS
					VN	2.76	0.00157	PASS
					VH	5.88	0.00335	PASS
		5	LCH	TN	VL	4.06	0.00237	PASS
					VN	3.86	0.00225	PASS
					VH	1.97	0.00115	PASS
			MCH	TN	VL	4.46	0.00257	PASS
					VN	2.95	0.0017	PASS
					VH	2.55	0.00147	PASS
			HCH	TN	VL	-1.06	-0.0006	PASS
					VN	1.04	0.00059	PASS
					VH	3.36	0.00192	PASS
		10	LCH	TN	VL	1.59	0.00093	PASS
					VN	1.32	0.00077	PASS
					VH	1.92	0.00112	PASS
			MCH	TN	VL	4.72	0.00272	PASS
					VN	2.96	0.00171	PASS
					VH	3.05	0.00176	PASS
			HCH	TN	VL	5.92	0.00338	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	1.83	0.00105	PASS
					VH	2.76	0.00158	PASS
		15	LCH	TN	VL	2.45	0.00143	PASS
					VN	2.06	0.0012	PASS
					VH	1.77	0.00103	PASS
			MCH	TN	VL	1.79	0.00103	PASS
					VN	1.72	0.00099	PASS
					VH	0.26	0.00015	PASS
			HCH	TN	VL	0.59	0.00034	PASS
					VN	1.62	0.00093	PASS
					VH	0.39	0.00022	PASS
		20	LCH	TN	VL	3.16	0.00184	PASS
					VN	1.83	0.00106	PASS
					VH	2.52	0.00147	PASS
			MCH	TN	VL	0.74	0.00043	PASS
					VN	0.24	0.00014	PASS
					VH	0.26	0.00015	PASS
			HCH	TN	VL	1.02	0.00058	PASS
					VN	0.86	0.00049	PASS
					VH	0.93	0.00053	PASS
	LTE/TM2	1.4	LCH	TN	VL	11.33	0.00662	PASS
					VN	10.13	0.00592	PASS
					VH	12.77	0.00746	PASS
			MCH	TN	VL	20.61	0.0119	PASS
					VN	10.23	0.0059	PASS
					VH	7.64	0.00441	PASS
			HCH	TN	VL	10.00	0.0057	PASS
					VN	12.87	0.00734	PASS
					VH	7.37	0.0042	PASS
		3	LCH	TN	VL	7.52	0.00439	PASS
					VN	7.67	0.00448	PASS
					VH	5.11	0.00299	PASS
			MCH	TN	VL	10.51	0.00607	PASS
					VN	3.82	0.0022	PASS
					VH	2.59	0.00149	PASS
			HCH	TN	VL	6.07	0.00346	PASS
					VN	5.74	0.00327	PASS
					VH	5.59	0.00319	PASS
		5	LCH	TN	VL	3.16	0.00185	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	3.79	0.00221	PASS
					VH	2.36	0.00138	PASS
			MCH	TN	VL	3.60	0.00208	PASS
					VN	0.83	0.00048	PASS
					VH	3.89	0.00225	PASS
			HCH	TN	VL	1.80	0.00103	PASS
					VN	2.82	0.00161	PASS
					VH	2.99	0.00171	PASS
		10	LCH	TN	VL	1.86	0.00108	PASS
					VN	1.73	0.00101	PASS
					VH	1.59	0.00093	PASS
			MCH	TN	VL	3.08	0.00178	PASS
					VN	1.32	0.00076	PASS
					VH	1.75	0.00101	PASS
			HCH	TN	VL	1.09	0.00062	PASS
					VN	3.12	0.00178	PASS
					VH	0.92	0.00053	PASS
		15	LCH	TN	VL	1.04	0.00061	PASS
					VN	0.86	0.0005	PASS
					VH	1.20	0.0007	PASS
			MCH	TN	VL	0.16	0.00009	PASS
					VN	0.94	0.00054	PASS
					VH	4.59	0.00265	PASS
			HCH	TN	VL	-0.86	-0.00049	PASS
					VN	1.80	0.00103	PASS
					VH	2.46	0.00141	PASS
		20	LCH	TN	VL	1.72	0.001	PASS
					VN	3.52	0.00205	PASS
					VH	0.89	0.00052	PASS
			MCH	TN	VL	1.24	0.00072	PASS
					VN	3.86	0.00223	PASS
					VH	0.97	0.00056	PASS
			HCH	TN	VL	0.57	0.00033	PASS
					VN	0.17	0.0001	PASS
					VH	-0.06	-0.00003	PASS
BAND7	LTE/TM1	5	LCH	TN	VL	3.42	0.00137	PASS
					VN	-0.13	-0.00005	PASS
					VH	1.37	0.00055	PASS
			MCH	TN	VL	2.75	0.00108	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.17	-0.00007	PASS
					VH	-2.45	-0.00097	PASS
			HCH	TN	VL	-0.27	-0.00011	PASS
					VN	-5.09	-0.00198	PASS
					VH	4.06	0.00158	PASS
		10	LCH	TN	VL	0.53	0.00021	PASS
					VN	2.93	0.00117	PASS
					VH	2.75	0.0011	PASS
			MCH	TN	VL	3.43	0.00135	PASS
					VN	4.02	0.00159	PASS
					VH	2.37	0.00093	PASS
			HCH	TN	VL	1.56	0.00061	PASS
					VN	-1.46	-0.00057	PASS
					VH	2.72	0.00106	PASS
		15	LCH	TN	VL	1.43	0.00057	PASS
					VN	-2.22	-0.00089	PASS
					VH	0.60	0.00024	PASS
			MCH	TN	VL	-0.83	-0.00033	PASS
					VN	2.36	0.00093	PASS
					VH	0.53	0.00021	PASS
			HCH	TN	VL	0.92	0.00036	PASS
					VN	1.33	0.00052	PASS
					VH	-1.49	-0.00058	PASS
		20	LCH	TN	VL	0.74	0.00029	PASS
					VN	-0.43	-0.00017	PASS
					VH	3.00	0.0012	PASS
			MCH	TN	VL	1.07	0.00042	PASS
					VN	0.83	0.00033	PASS
					VH	3.29	0.0013	PASS
			HCH	TN	VL	0.23	0.00009	PASS
					VN	0.51	0.0002	PASS
					VH	3.05	0.00119	PASS
	LTE/TM2	5	LCH	TN	VL	0.20	0.00008	PASS
					VN	2.33	0.00093	PASS
					VH	-3.12	-0.00125	PASS
			MCH	TN	VL	0.57	0.00022	PASS
					VN	-0.37	-0.00015	PASS
					VH	-1.75	-0.00069	PASS
			HCH	TN	VL	-1.50	-0.00058	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	0.79	0.00031	PASS
					VH	-1.70	-0.00066	PASS
		10	LCH	TN	VL	1.17	0.00047	PASS
					VN	0.40	0.00016	PASS
					VH	1.82	0.00073	PASS
			MCH	TN	VL	-3.10	-0.00122	PASS
					VN	1.39	0.00055	PASS
					VH	-0.03	-0.00001	PASS
			HCH	TN	VL	0.44	0.00017	PASS
					VN	-0.67	-0.00026	PASS
					VH	0.67	0.00026	PASS
		15	LCH	TN	VL	0.06	0.00002	PASS
					VN	1.82	0.00073	PASS
					VH	0.11	0.00004	PASS
			MCH	TN	VL	2.29	0.0009	PASS
					VN	1.34	0.00053	PASS
					VH	0.14	0.00006	PASS
			HCH	TN	VL	1.33	0.00052	PASS
					VN	-1.29	-0.0005	PASS
					VH	0.77	0.0003	PASS
		20	LCH	TN	VL	3.62	0.00144	PASS
					VN	0.20	0.00008	PASS
					VH	0.77	0.00031	PASS
			MCH	TN	VL	4.23	0.00167	PASS
					VN	2.92	0.00115	PASS
					VH	0.54	0.00021	PASS
			HCH	TN	VL	0.74	0.00029	PASS
					VN	-0.23	-0.00009	PASS
					VH	0.89	0.00035	PASS
BAND17	LTE/TM1	5	LCH	TN	VL	0.63	0.00089	PASS
					VN	-2.78	-0.00393	PASS
					VH	-3.63	-0.00514	PASS
			MCH	TN	VL	-5.74	-0.00808	PASS
					VN	0.51	0.00072	PASS
					VH	3.43	0.00483	PASS
			HCH	TN	VL	1.12	0.00157	PASS
					VN	3.60	0.00505	PASS
					VH	3.66	0.00513	PASS
		10	LCH	TN	VL	0.30	0.00042	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.89	-0.00126	PASS
					VH	3.45	0.00487	PASS
			MCH	TN	VL	0.17	0.00024	PASS
					VN	-0.70	-0.00099	PASS
					VH	-0.64	-0.0009	PASS
			HCH	TN	VL	-0.77	-0.00108	PASS
					VN	-0.67	-0.00094	PASS
					VH	-1.29	-0.00181	PASS
	LTE/TM2	5	LCH	TN	VL	3.06	0.00433	PASS
					VN	5.58	0.0079	PASS
					VH	-0.31	-0.00044	PASS
			MCH	TN	VL	1.73	0.00244	PASS
					VN	1.95	0.00275	PASS
					VH	6.24	0.00879	PASS
			HCH	TN	VL	-9.28	-0.01301	PASS
					VN	10.81	0.01515	PASS
					VH	1.27	0.00178	PASS
		10	LCH	TN	VL	0.90	0.00127	PASS
					VN	-2.85	-0.00402	PASS
					VH	1.52	0.00214	PASS
			MCH	TN	VL	1.17	0.00165	PASS
					VN	-0.37	-0.00052	PASS
					VH	0.43	0.00061	PASS
			HCH	TN	VL	-2.13	-0.003	PASS
					VN	0.79	0.00111	PASS
					VH	1.37	0.00193	PASS

8.3.2Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	12.99	0.00759	PASS
					-20	9.36	0.00547	PASS
					-10	13.49	0.00789	PASS
					0	10.26	0.006	PASS
					10	9.41	0.0055	PASS
					20	14.56	0.00851	PASS
					30	9.36	0.00547	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	9.06	0.0053	PASS
					50	11.62	0.00679	PASS
			MCH	VN	-30	10.93	0.00631	PASS
					-20	9.64	0.00556	PASS
					-10	8.96	0.00517	PASS
					0	9.27	0.00535	PASS
					10	11.23	0.00648	PASS
					20	10.70	0.00618	PASS
					30	7.22	0.00417	PASS
					40	7.35	0.00424	PASS
					50	10.09	0.00582	PASS
			HCH	VN	-30	9.80	0.00559	PASS
					-20	11.29	0.00644	PASS
					-10	12.32	0.00702	PASS
					0	11.76	0.0067	PASS
					10	11.64	0.00664	PASS
					20	9.63	0.00549	PASS
					30	8.27	0.00471	PASS
					40	11.34	0.00646	PASS
					50	10.66	0.00608	PASS
		3	LCH	VN	-30	2.42	0.00141	PASS
					-20	4.68	0.00273	PASS
					-10	5.46	0.00319	PASS
					0	0.43	0.00025	PASS
					10	4.85	0.00283	PASS
					20	3.50	0.00204	PASS
					30	4.21	0.00246	PASS
					40	5.46	0.00319	PASS
					50	6.87	0.00401	PASS
			MCH	VN	-30	2.99	0.00173	PASS
					-20	3.72	0.00215	PASS
					-10	8.57	0.00495	PASS
					0	2.85	0.00165	PASS
					10	7.31	0.00422	PASS
					20	5.14	0.00297	PASS
					30	6.35	0.00367	PASS
					40	6.34	0.00366	PASS
					50	12.13	0.007	PASS
			HCH	VN	-30	6.34	0.00362	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	5.85	0.00334	PASS
					-10	1.97	0.00112	PASS
					0	6.22	0.00355	PASS
					10	6.64	0.00379	PASS
					20	1.82	0.00104	PASS
					30	5.66	0.00323	PASS
					40	3.52	0.00201	PASS
					50	5.31	0.00303	PASS
		5	LCH	VN	-30	1.75	0.00102	PASS
					-20	2.78	0.00162	PASS
					-10	5.42	0.00316	PASS
					0	1.73	0.00101	PASS
					10	3.98	0.00232	PASS
					20	3.60	0.0021	PASS
					30	5.34	0.00312	PASS
					40	1.95	0.00114	PASS
					50	3.78	0.00221	PASS
			MCH	VN	-30	5.52	0.00319	PASS
					-20	2.30	0.00133	PASS
					-10	3.75	0.00216	PASS
					0	2.99	0.00173	PASS
					10	4.41	0.00255	PASS
					20	7.02	0.00405	PASS
					30	1.32	0.00076	PASS
					40	2.37	0.00137	PASS
					50	2.66	0.00154	PASS
			HCH	VN	-30	2.96	0.00169	PASS
					-20	2.82	0.00161	PASS
					-10	0.00	0	PASS
					0	0.76	0.00043	PASS
					10	1.60	0.00091	PASS
					20	2.57	0.00147	PASS
					30	3.60	0.00205	PASS
					40	1.79	0.00102	PASS
					50	1.39	0.00079	PASS
		10	LCH	VN	-30	2.15	0.00125	PASS
					-20	-1.06	-0.00062	PASS
					-10	-0.14	-0.00008	PASS
					0	1.03	0.0006	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.63	0.00037	PASS
					20	4.53	0.00264	PASS
					30	2.17	0.00127	PASS
					40	1.72	0.001	PASS
					50	-0.07	-0.00004	PASS
			MCH	VN	-30	1.72	0.00099	PASS
					-20	0.96	0.00055	PASS
					-10	3.45	0.00199	PASS
					0	0.87	0.0005	PASS
					10	2.56	0.00148	PASS
					20	1.95	0.00113	PASS
					30	2.96	0.00171	PASS
					40	0.46	0.00027	PASS
					50	1.09	0.00063	PASS
			HCH	VN	-30	2.53	0.00145	PASS
					-20	4.01	0.00229	PASS
					-10	0.04	0.00002	PASS
					0	2.47	0.00141	PASS
					10	2.99	0.00171	PASS
					20	0.40	0.00023	PASS
					30	1.30	0.00074	PASS
					40	3.88	0.00222	PASS
					50	-1.36	-0.00078	PASS
		15	LCH	VN	-30	2.57	0.0015	PASS
					-20	2.63	0.00153	PASS
					-10	1.52	0.00089	PASS
					0	0.76	0.00044	PASS
					10	2.79	0.00162	PASS
					20	3.23	0.00188	PASS
					30	0.83	0.00048	PASS
					40	2.90	0.00169	PASS
					50	3.33	0.00194	PASS
			MCH	VN	-30	0.09	0.00005	PASS
					-20	-0.93	-0.00054	PASS
					-10	3.43	0.00198	PASS
					0	1.89	0.00109	PASS
					10	1.59	0.00092	PASS
					20	3.23	0.00186	PASS
					30	1.76	0.00102	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.53	0.00088	PASS
					50	-0.64	-0.00037	PASS
			HCH	VN	-30	1.80	0.00103	PASS
					-20	1.26	0.00072	PASS
					-10	1.27	0.00073	PASS
					0	0.31	0.00018	PASS
					10	1.14	0.00065	PASS
					20	2.86	0.00164	PASS
					30	1.70	0.00097	PASS
					40	1.86	0.00106	PASS
					50	0.40	0.00023	PASS
		20	LCH	VN	-30	1.12	0.00065	PASS
					-20	-0.24	-0.00014	PASS
					-10	2.95	0.00172	PASS
					0	1.97	0.00115	PASS
					10	-0.26	-0.00015	PASS
					20	2.02	0.00117	PASS
					30	1.34	0.00078	PASS
					40	2.36	0.00137	PASS
					50	1.75	0.00102	PASS
			MCH	VN	-30	2.20	0.00127	PASS
					-20	1.00	0.00058	PASS
					-10	2.06	0.00119	PASS
					0	0.64	0.00037	PASS
					10	-0.51	-0.00029	PASS
					20	0.03	0.00002	PASS
					30	1.20	0.00069	PASS
					40	0.77	0.00044	PASS
					50	1.83	0.00106	PASS
			HCH	VN	-30	0.87	0.0005	PASS
					-20	0.93	0.00053	PASS
					-10	-0.39	-0.00022	PASS
					0	1.14	0.00065	PASS
					10	0.89	0.00051	PASS
					20	-0.93	-0.00053	PASS
					30	1.89	0.00108	PASS
					40	1.32	0.00076	PASS
					50	-0.73	-0.00042	PASS
	LTE/TM2	1.4	LCH	VN	-30	12.85	0.00751	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	13.02	0.00761	PASS
					-10	10.56	0.00617	PASS
					0	15.58	0.00911	PASS
					10	14.16	0.00828	PASS
					20	16.19	0.00946	PASS
					30	12.22	0.00714	PASS
					40	14.79	0.00865	PASS
					50	14.39	0.00841	PASS
			MCH	VN	-30	6.34	0.00366	PASS
					-20	9.53	0.0055	PASS
					-10	11.90	0.00687	PASS
					0	12.32	0.00711	PASS
					10	10.13	0.00585	PASS
					20	9.13	0.00527	PASS
					30	12.66	0.00731	PASS
					40	10.50	0.00606	PASS
					50	12.56	0.00725	PASS
			HCH	VN	-30	11.09	0.00632	PASS
					-20	11.79	0.00672	PASS
					-10	8.48	0.00483	PASS
					0	7.32	0.00417	PASS
					10	13.43	0.00766	PASS
					20	10.17	0.0058	PASS
					30	13.30	0.00758	PASS
					40	8.85	0.00504	PASS
					50	9.50	0.00542	PASS
		3	LCH	VN	-30	7.71	0.0045	PASS
					-20	4.95	0.00289	PASS
					-10	4.31	0.00252	PASS
					0	6.87	0.00401	PASS
					10	5.09	0.00297	PASS
					20	3.26	0.0019	PASS
					30	4.61	0.00269	PASS
					40	7.12	0.00416	PASS
					50	4.53	0.00265	PASS
			MCH	VN	-30	0.27	0.00016	PASS
					-20	7.21	0.00416	PASS
					-10	6.71	0.00387	PASS
					0	2.98	0.00172	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.65	-0.00153	PASS
					20	3.89	0.00225	PASS
					30	10.46	0.00604	PASS
					40	5.97	0.00345	PASS
					50	3.81	0.0022	PASS
			HCH	VN	-30	4.92	0.00281	PASS
					-20	4.49	0.00256	PASS
					-10	3.50	0.002	PASS
					0	5.64	0.00322	PASS
					10	3.55	0.00202	PASS
					20	4.82	0.00275	PASS
					30	6.07	0.00346	PASS
					40	6.07	0.00346	PASS
					50	4.81	0.00274	PASS
		5	LCH	VN	-30	1.06	0.00062	PASS
					-20	2.89	0.00169	PASS
					-10	3.13	0.00183	PASS
					0	4.06	0.00237	PASS
					10	2.12	0.00124	PASS
					20	6.94	0.00405	PASS
					30	3.73	0.00218	PASS
					40	2.13	0.00124	PASS
					50	2.63	0.00154	PASS
			MCH	VN	-30	3.65	0.00211	PASS
					-20	4.21	0.00243	PASS
					-10	3.93	0.00227	PASS
					0	4.09	0.00236	PASS
					10	4.76	0.00275	PASS
					20	3.02	0.00174	PASS
					30	5.24	0.00302	PASS
					40	1.67	0.00096	PASS
					50	0.21	0.00012	PASS
			HCH	VN	-30	2.65	0.00151	PASS
					-20	2.55	0.00146	PASS
					-10	1.76	0.001	PASS
					0	3.29	0.00188	PASS
					10	2.80	0.0016	PASS
					20	1.65	0.00094	PASS
					30	2.95	0.00168	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	3.98	0.00227	PASS
					50	1.47	0.00084	PASS
		10	LCH	VN	-30	0.83	0.00048	PASS
					-20	3.60	0.0021	PASS
					-10	2.60	0.00152	PASS
					0	1.92	0.00112	PASS
					10	2.88	0.00168	PASS
					20	-0.07	-0.00004	PASS
					30	-0.56	-0.00033	PASS
					40	-0.92	-0.00054	PASS
					50	3.29	0.00192	PASS
			MCH	VN	-30	1.13	0.00065	PASS
					-20	1.89	0.00109	PASS
					-10	2.12	0.00122	PASS
					0	2.07	0.00119	PASS
					10	1.54	0.00089	PASS
					20	3.18	0.00184	PASS
					30	3.71	0.00214	PASS
					40	-0.59	-0.00034	PASS
					50	3.39	0.00196	PASS
			HCH	VN	-30	0.73	0.00042	PASS
					-20	2.22	0.00127	PASS
					-10	2.49	0.00142	PASS
					0	2.62	0.0015	PASS
					10	1.93	0.0011	PASS
					20	2.49	0.00142	PASS
					30	-0.10	-0.00006	PASS
					40	1.34	0.00077	PASS
					50	5.12	0.00293	PASS
		15	LCH	VN	-30	3.30	0.00192	PASS
					-20	1.10	0.00064	PASS
					-10	3.43	0.002	PASS
					0	3.05	0.00178	PASS
					10	2.42	0.00141	PASS
					20	2.27	0.00132	PASS
					30	2.03	0.00118	PASS
					40	1.86	0.00108	PASS
					50	2.16	0.00126	PASS
			MCH	VN	-30	0.84	0.00048	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	0.72	0.00042	PASS
					-10	0.11	0.00006	PASS
					0	0.29	0.00017	PASS
					10	2.79	0.00161	PASS
					20	2.40	0.00139	PASS
					30	2.43	0.0014	PASS
					40	2.16	0.00125	PASS
					50	2.03	0.00117	PASS
			HCH	VN	-30	1.22	0.0007	PASS
					-20	2.80	0.0016	PASS
					-10	4.92	0.00282	PASS
					0	4.42	0.00253	PASS
					10	3.63	0.00208	PASS
					20	2.59	0.00148	PASS
					30	3.93	0.00225	PASS
					40	3.38	0.00193	PASS
					50	1.97	0.00113	PASS
		20	LCH	VN	-30	1.82	0.00106	PASS
					-20	0.92	0.00053	PASS
					-10	1.65	0.00096	PASS
					0	2.00	0.00116	PASS
					10	1.69	0.00098	PASS
					20	-0.39	-0.00023	PASS
					30	1.07	0.00062	PASS
					40	2.02	0.00117	PASS
					50	-0.01	-0.00001	PASS
			MCH	VN	-30	-1.20	-0.00069	PASS
					-20	-0.30	-0.00017	PASS
					-10	-0.37	-0.00021	PASS
					0	0.44	0.00025	PASS
					10	0.47	0.00027	PASS
					20	2.35	0.00136	PASS
					30	1.73	0.001	PASS
					40	0.01	0.00001	PASS
					50	0.36	0.00021	PASS
			HCH	VN	-30	-1.87	-0.00107	PASS
					-20	-0.14	-0.00008	PASS
					-10	1.19	0.00068	PASS
					0	0.11	0.00006	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-0.11	-0.00006	PASS
					20	-1.63	-0.00093	PASS
					30	0.60	0.00034	PASS
					40	2.76	0.00158	PASS
					50	-0.39	-0.00022	PASS
BAND7	LTE/TM1	5	LCH	VN	-30	-0.41	-0.00016	PASS
					-20	0.59	0.00024	PASS
					-10	-0.51	-0.0002	PASS
					0	0.13	0.00005	PASS
					10	-0.30	-0.00012	PASS
					20	0.14	0.00006	PASS
					30	3.36	0.00134	PASS
					40	4.15	0.00166	PASS
					50	-0.14	-0.00006	PASS
			MCH	VN	-30	2.47	0.00097	PASS
					-20	-0.06	-0.00002	PASS
					-10	0.54	0.00021	PASS
					0	-2.09	-0.00082	PASS
					10	0.17	0.00007	PASS
					20	-1.67	-0.00066	PASS
					30	3.20	0.00126	PASS
					40	0.09	0.00004	PASS
					50	1.67	0.00066	PASS
			HCH	VN	-30	-0.09	-0.00004	PASS
					-20	2.30	0.0009	PASS
					-10	-0.86	-0.00033	PASS
					0	1.72	0.00067	PASS
					10	1.53	0.0006	PASS
					20	-2.10	-0.00082	PASS
					30	3.50	0.00136	PASS
					40	2.26	0.00088	PASS
					50	-0.37	-0.00014	PASS
		10	LCH	VN	-30	1.29	0.00051	PASS
					-20	2.10	0.00084	PASS
					-10	0.14	0.00006	PASS
					0	1.23	0.00049	PASS
					10	-0.56	-0.00022	PASS
					20	1.97	0.00079	PASS
					30	0.26	0.0001	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.07	0.00003	PASS
					50	2.27	0.00091	PASS
			MCH	VN	-30	-0.54	-0.00021	PASS
					-20	-0.16	-0.00006	PASS
					-10	0.96	0.00038	PASS
					0	0.90	0.00036	PASS
					10	-1.26	-0.0005	PASS
					20	-1.60	-0.00063	PASS
					30	0.24	0.00009	PASS
					40	2.42	0.00095	PASS
					50	1.72	0.00068	PASS
			HCH	VN	-30	-0.46	-0.00018	PASS
					-20	1.52	0.00059	PASS
					-10	-3.40	-0.00133	PASS
					0	0.06	0.00002	PASS
					10	-2.46	-0.00096	PASS
					20	3.05	0.00119	PASS
					30	2.29	0.00089	PASS
					40	1.17	0.00046	PASS
					50	1.23	0.00048	PASS
		15	LCH	VN	-30	-0.29	-0.00012	PASS
					-20	0.24	0.0001	PASS
					-10	1.43	0.00057	PASS
					0	3.62	0.00144	PASS
					10	2.09	0.00083	PASS
					20	2.12	0.00085	PASS
					30	0.72	0.00029	PASS
					40	2.30	0.00092	PASS
					50	1.24	0.00049	PASS
			MCH	VN	-30	2.36	0.00093	PASS
					-20	1.34	0.00053	PASS
					-10	2.29	0.0009	PASS
					0	1.16	0.00046	PASS
					10	1.42	0.00056	PASS
					20	1.77	0.0007	PASS
					30	1.97	0.00078	PASS
					40	-0.19	-0.00007	PASS
					50	-0.56	-0.00022	PASS
			HCH	VN	-30	-0.69	-0.00027	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	3.32	0.0013	PASS
					-10	-0.19	-0.00007	PASS
					0	0.19	0.00007	PASS
					10	3.28	0.00128	PASS
					20	2.23	0.00087	PASS
					30	-2.07	-0.00081	PASS
					40	2.73	0.00107	PASS
					50	0.44	0.00017	PASS
		20	LCH	VN	-30	2.00	0.0008	PASS
					-20	1.65	0.00066	PASS
					-10	2.02	0.0008	PASS
					0	0.09	0.00004	PASS
					10	0.10	0.00004	PASS
					20	-0.41	-0.00016	PASS
					30	0.72	0.00029	PASS
					40	2.10	0.00084	PASS
					50	2.50	0.001	PASS
			MCH	VN	-30	0.27	0.00011	PASS
					-20	2.65	0.00105	PASS
					-10	-0.39	-0.00015	PASS
					0	0.74	0.00029	PASS
					10	-0.10	-0.00004	PASS
					20	3.42	0.00135	PASS
					30	0.93	0.00037	PASS
					40	0.03	0.00001	PASS
					50	1.72	0.00068	PASS
			HCH	VN	-30	0.34	0.00013	PASS
					-20	0.30	0.00012	PASS
					-10	2.53	0.00099	PASS
					0	-0.24	-0.00009	PASS
					10	3.36	0.00131	PASS
					20	1.65	0.00064	PASS
					30	-1.32	-0.00052	PASS
					40	-0.23	-0.00009	PASS
					50	1.46	0.00057	PASS
	LTE/TM2	5	LCH	VN	-30	2.36	0.00093	PASS
					-20	-0.53	-0.00021	PASS
					-10	1.07	0.00043	PASS
					0	-2.46	-0.00098	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.43	-0.00097	PASS
					20	-1.53	-0.00061	PASS
					30	0.40	0.00016	PASS
					40	-1.09	-0.00044	PASS
					50	-1.03	-0.00041	PASS
			MCH	VN	-30	2.20	0.00087	PASS
					-20	-0.37	-0.00015	PASS
					-10	2.56	0.00101	PASS
					0	2.15	0.00085	PASS
					10	-0.69	-0.00027	PASS
					20	-0.17	-0.00007	PASS
					30	2.20	0.00087	PASS
					40	0.47	0.00019	PASS
					50	-0.92	-0.00036	PASS
			HCH	VN	-30	3.35	0.0013	PASS
					-20	-0.34	-0.00013	PASS
					-10	-0.23	-0.00009	PASS
					0	2.88	0.00112	PASS
					10	-2.60	-0.00101	PASS
					20	-1.97	-0.00077	PASS
					30	-0.04	-0.00002	PASS
					40	-1.72	-0.00067	PASS
					50	-0.13	-0.00005	PASS
		10	LCH	VN	-30	4.03	0.00161	PASS
					-20	0.89	0.00036	PASS
					-10	0.24	0.0001	PASS
					0	-0.26	-0.0001	PASS
					10	2.55	0.00102	PASS
					20	3.08	0.00123	PASS
					30	-0.87	-0.00035	PASS
					40	3.26	0.0013	PASS
					50	-1.75	-0.0007	PASS
			MCH	VN	-30	0.06	0.00002	PASS
					-20	3.16	0.00125	PASS
					-10	5.38	0.00212	PASS
					0	0.96	0.00038	PASS
					10	6.77	0.00267	PASS
					20	-1.82	-0.00072	PASS
					30	0.54	0.00021	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-1.86	-0.00073	PASS
					50	2.36	0.00093	PASS
			HCH	VN	-30	1.73	0.00067	PASS
					-20	-1.86	-0.00073	PASS
					-10	-1.24	-0.00048	PASS
					0	0.59	0.00023	PASS
					10	2.98	0.00116	PASS
					20	-0.23	-0.00009	PASS
					30	0.30	0.00012	PASS
					40	1.86	0.00073	PASS
					50	-0.17	-0.00007	PASS
		15	LCH	VN	-30	-4.13	-0.00165	PASS
					-20	1.96	0.00078	PASS
					-10	-0.46	-0.00018	PASS
					0	-0.86	-0.00034	PASS
					10	0.97	0.00039	PASS
					20	2.29	0.00091	PASS
					30	2.63	0.00105	PASS
					40	0.53	0.00021	PASS
					50	0.07	0.00003	PASS
			MCH	VN	-30	3.63	0.00143	PASS
					-20	1.44	0.00057	PASS
					-10	1.50	0.00059	PASS
					0	2.99	0.00118	PASS
					10	-0.66	-0.00026	PASS
					20	-0.03	-0.00001	PASS
					30	0.29	0.00011	PASS
					40	2.52	0.00099	PASS
					50	0.49	0.00019	PASS
			HCH	VN	-30	4.38	0.00171	PASS
					-20	1.99	0.00078	PASS
					-10	0.39	0.00015	PASS
					0	-0.60	-0.00023	PASS
					10	0.03	0.00001	PASS
					20	0.67	0.00026	PASS
					30	0.41	0.00016	PASS
					40	2.00	0.00078	PASS
					50	-0.93	-0.00036	PASS
		20	LCH	VN	-30	0.84	0.00033	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.19	0.00047	PASS
					-10	-0.04	-0.00002	PASS
					0	-1.02	-0.00041	PASS
					10	-1.47	-0.00059	PASS
					20	0.99	0.00039	PASS
					30	0.29	0.00012	PASS
					40	1.60	0.00064	PASS
					50	1.37	0.00055	PASS
			MCH	VN	-30	0.92	0.00036	PASS
					-20	-0.86	-0.00034	PASS
					-10	-1.13	-0.00045	PASS
					0	-0.93	-0.00037	PASS
					10	0.57	0.00022	PASS
					20	-0.70	-0.00028	PASS
					30	2.03	0.0008	PASS
					40	0.37	0.00015	PASS
					50	0.90	0.00036	PASS
			HCH	VN	-30	0.10	0.00004	PASS
					-20	0.29	0.00011	PASS
					-10	-1.85	-0.00072	PASS
					0	0.63	0.00025	PASS
					10	1.22	0.00048	PASS
					20	-0.06	-0.00002	PASS
					30	-1.79	-0.0007	PASS
					40	-0.63	-0.00025	PASS
					50	2.45	0.00096	PASS
BAND17	LTE/TM1	5	LCH	VN	-30	0.72	0.00102	PASS
					-20	0.49	0.00069	PASS
					-10	1.95	0.00276	PASS
					0	3.45	0.00488	PASS
					10	-5.44	-0.0077	PASS
					20	2.23	0.00316	PASS
					30	0.29	0.00041	PASS
					40	-3.85	-0.00545	PASS
					50	-0.20	-0.00028	PASS
			MCH	VN	-30	1.69	0.00238	PASS
					-20	-1.44	-0.00203	PASS
					-10	-3.65	-0.00514	PASS
					0	-4.99	-0.00703	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-5.88	-0.00828	PASS
					20	-3.40	-0.00479	PASS
					30	-2.43	-0.00342	PASS
					40	-4.06	-0.00572	PASS
					50	6.82	0.00961	PASS
			HCH	VN	-30	-7.44	-0.01043	PASS
					-20	1.49	0.00209	PASS
					-10	5.14	0.0072	PASS
					0	-1.70	-0.00238	PASS
					10	0.82	0.00115	PASS
					20	3.72	0.00521	PASS
					30	-2.52	-0.00353	PASS
					40	-7.18	-0.01006	PASS
					50	-4.15	-0.00582	PASS
		10	LCH	VN	-30	3.13	0.00441	PASS
					-20	1.65	0.00233	PASS
					-10	-2.82	-0.00398	PASS
					0	-4.48	-0.00632	PASS
					10	0.09	0.00013	PASS
					20	-0.09	-0.00013	PASS
					30	-2.70	-0.00381	PASS
					40	1.52	0.00214	PASS
					50	-2.86	-0.00403	PASS
			MCH	VN	-30	-1.29	-0.00182	PASS
					-20	-2.33	-0.00328	PASS
					-10	1.16	0.00163	PASS
					0	-0.11	-0.00015	PASS
					10	0.06	0.00008	PASS
					20	-1.02	-0.00144	PASS
					30	-1.66	-0.00234	PASS
					40	-0.60	-0.00085	PASS
					50	3.56	0.00501	PASS
			HCH	VN	-30	0.83	0.00117	PASS
					-20	-0.37	-0.00052	PASS
					-10	-0.60	-0.00084	PASS
					0	-0.59	-0.00083	PASS
					10	1.13	0.00159	PASS
					20	0.27	0.00038	PASS
					30	2.52	0.00354	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.06	-0.00008	PASS
					50	-0.11	-0.00015	PASS
	LTE/TM2	5	LCH	VN	-30	4.82	0.00682	PASS
					-20	-0.87	-0.00123	PASS
					-10	2.65	0.00375	PASS
					0	7.25	0.01026	PASS
					10	2.35	0.00333	PASS
					20	4.99	0.00706	PASS
					30	-3.83	-0.00542	PASS
					40	1.95	0.00276	PASS
					50	3.08	0.00436	PASS
			MCH	VN	-30	-0.01	-0.00001	PASS
					-20	0.84	0.00118	PASS
					-10	-0.97	-0.00137	PASS
					0	-0.24	-0.00034	PASS
					10	0.33	0.00046	PASS
					20	4.11	0.00579	PASS
					30	6.41	0.00903	PASS
					40	-0.24	-0.00034	PASS
					50	0.84	0.00118	PASS
			HCH	VN	-30	0.83	0.00116	PASS
					-20	0.96	0.00135	PASS
					-10	2.09	0.00293	PASS
					0	-2.59	-0.00363	PASS
					10	-0.63	-0.00088	PASS
					20	-2.68	-0.00376	PASS
					30	1.09	0.00153	PASS
					40	1.12	0.00157	PASS
					50	-3.60	-0.00505	PASS
		10	LCH	VN	-30	-4.82	-0.0068	PASS
					-20	-0.56	-0.00079	PASS
					-10	-1.10	-0.00155	PASS
					0	1.60	0.00226	PASS
					10	1.89	0.00267	PASS
					20	-4.13	-0.00583	PASS
					30	2.16	0.00305	PASS
					40	2.68	0.00378	PASS
					50	-0.03	-0.00004	PASS
			MCH	VN	-30	0.44	0.00062	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-1.26	-0.00177	PASS
					-10	-0.66	-0.00093	PASS
					0	-2.66	-0.00375	PASS
					10	0.93	0.00131	PASS
					20	-0.16	-0.00023	PASS
					30	-1.30	-0.00183	PASS
					40	0.04	0.00006	PASS
					50	1.53	0.00215	PASS
			HCH	VN	-30	-0.62	-0.00087	PASS
					-20	-0.30	-0.00042	PASS
					-10	2.20	0.00309	PASS
					0	-0.07	-0.0001	PASS
					10	0.30	0.00042	PASS
					20	-0.27	-0.00038	PASS
					30	-0.03	-0.00004	PASS
					40	-0.97	-0.00136	PASS
					50	-0.82	-0.00115	PASS

END

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