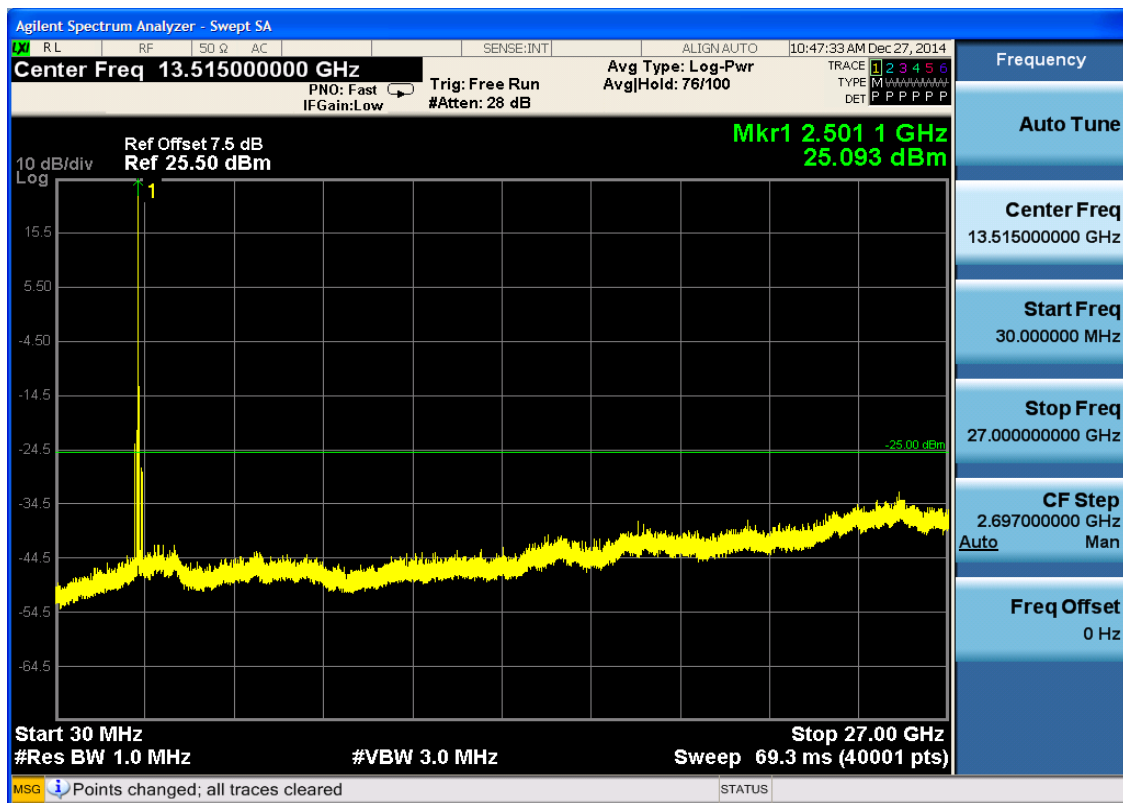
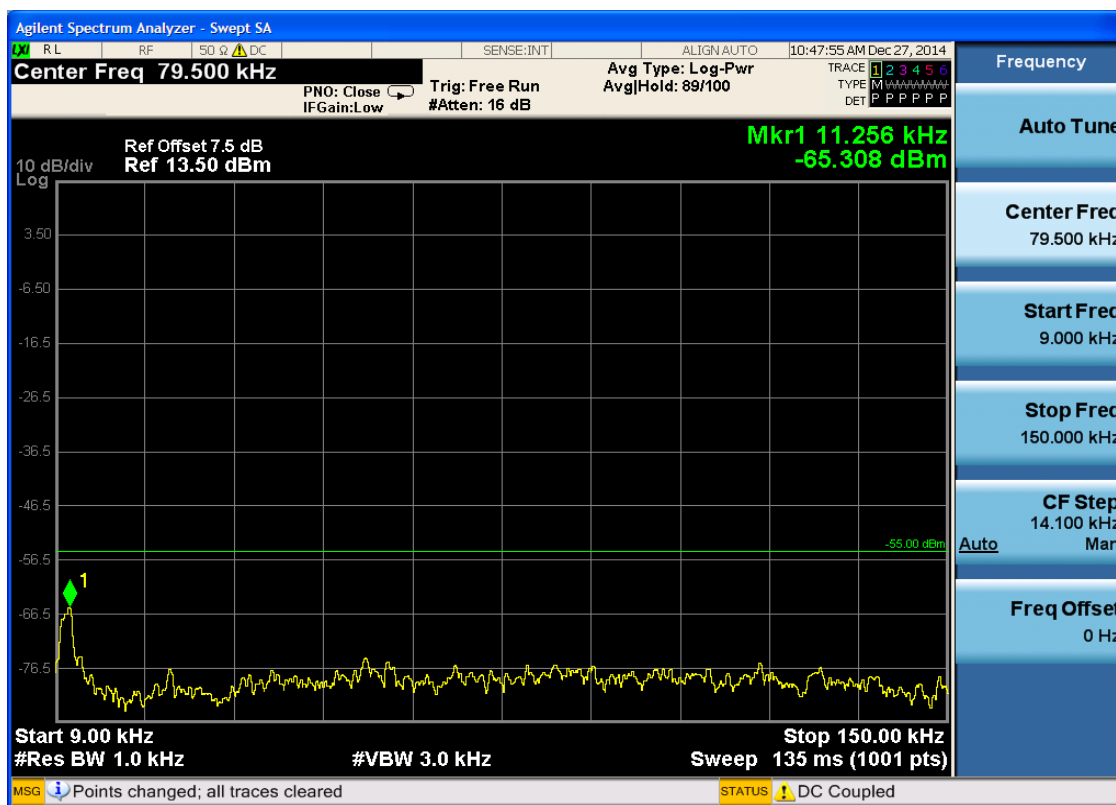
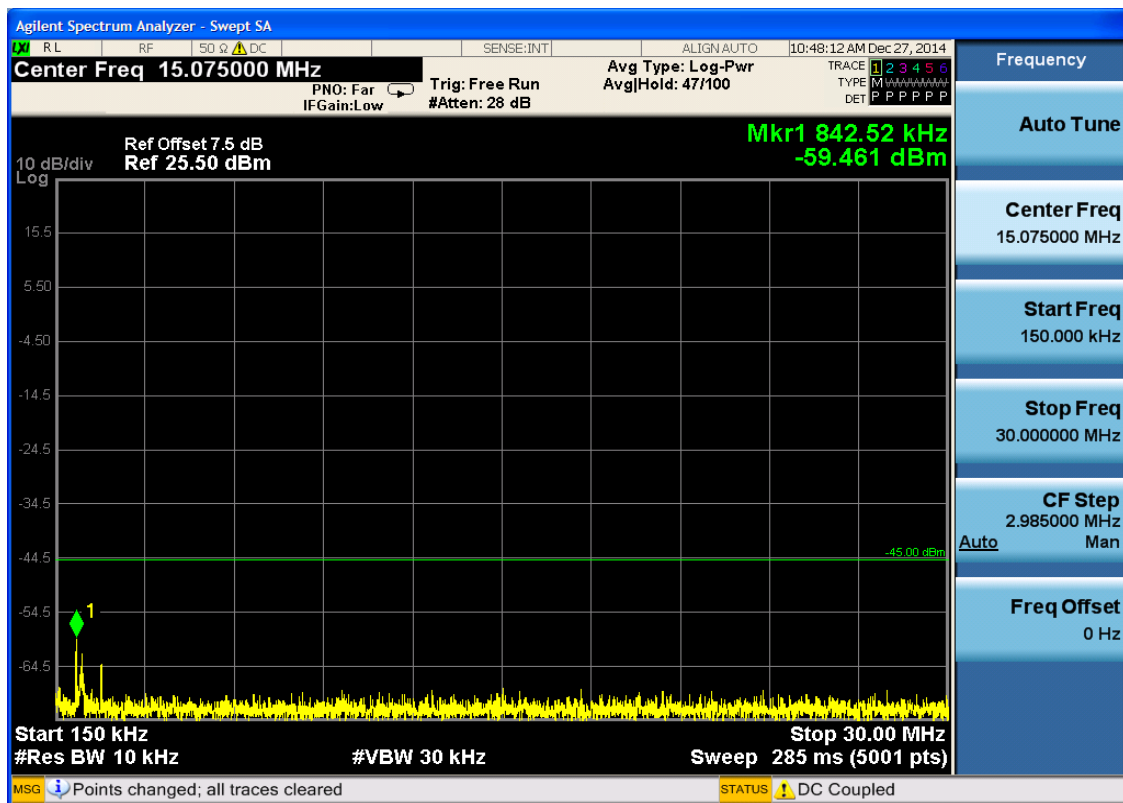


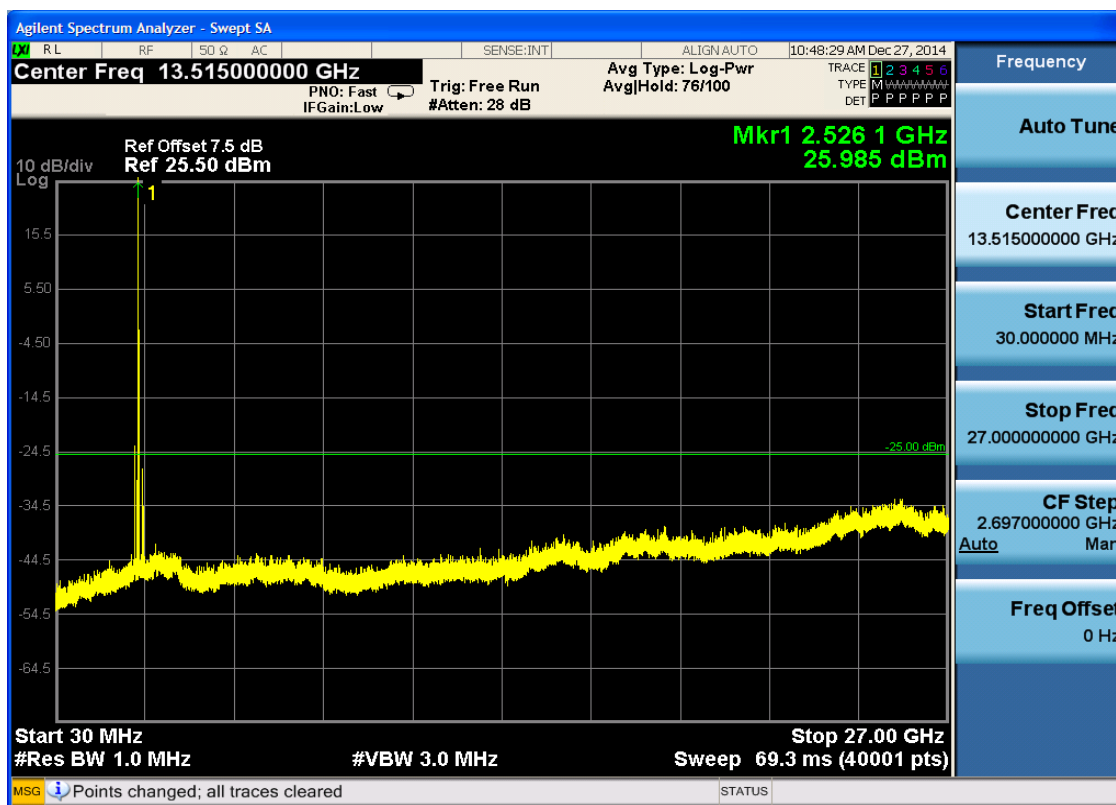


6.3.4.1.4.2 Test Channel = MCH

6.3.4.1.4.2.1 Test RB = RB1#0

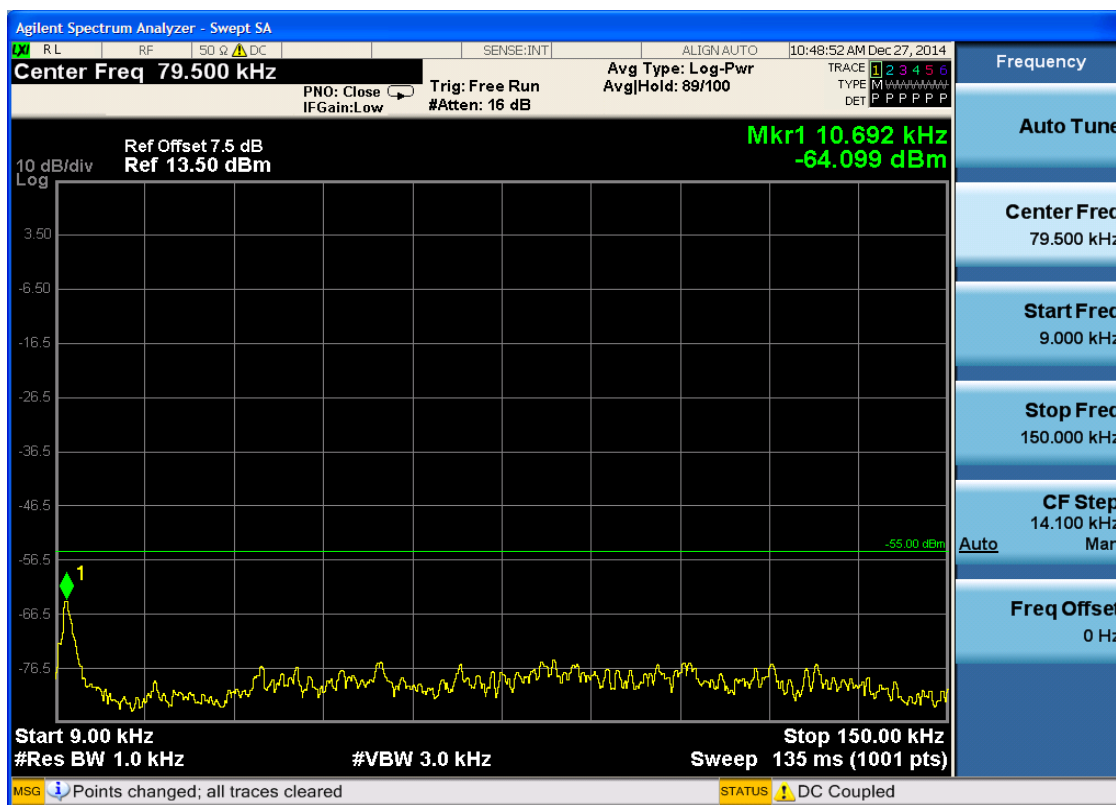


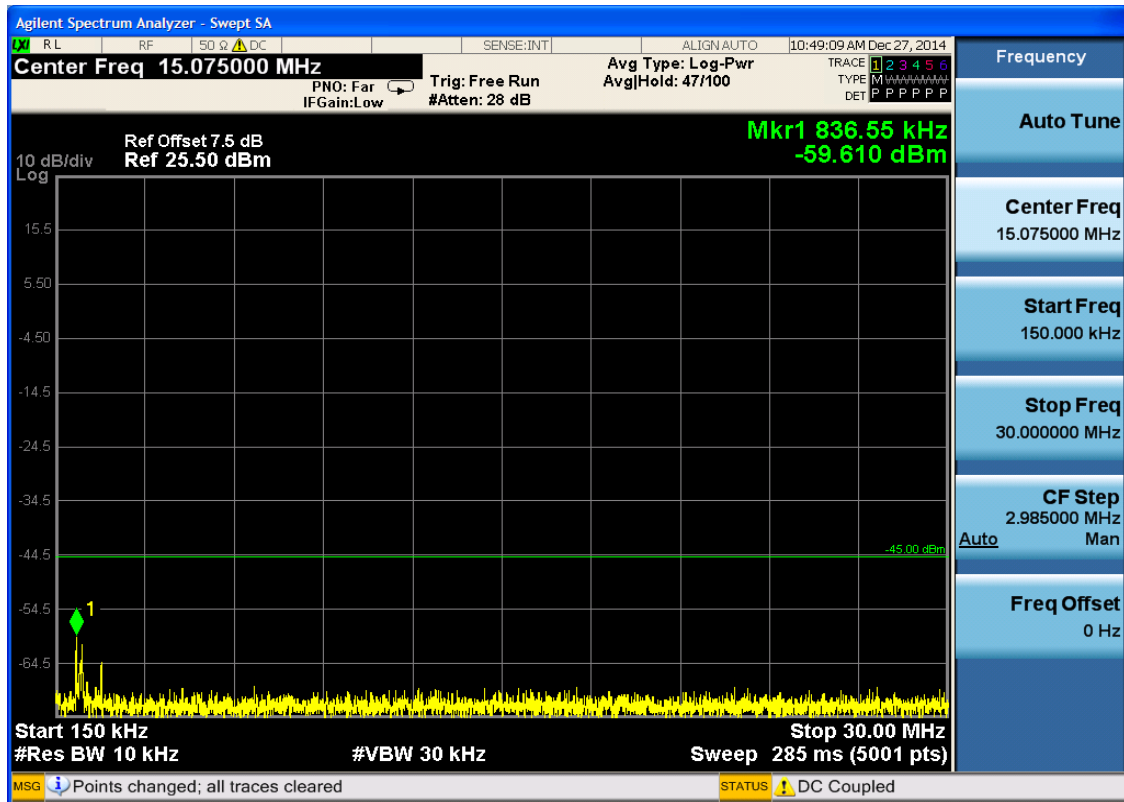


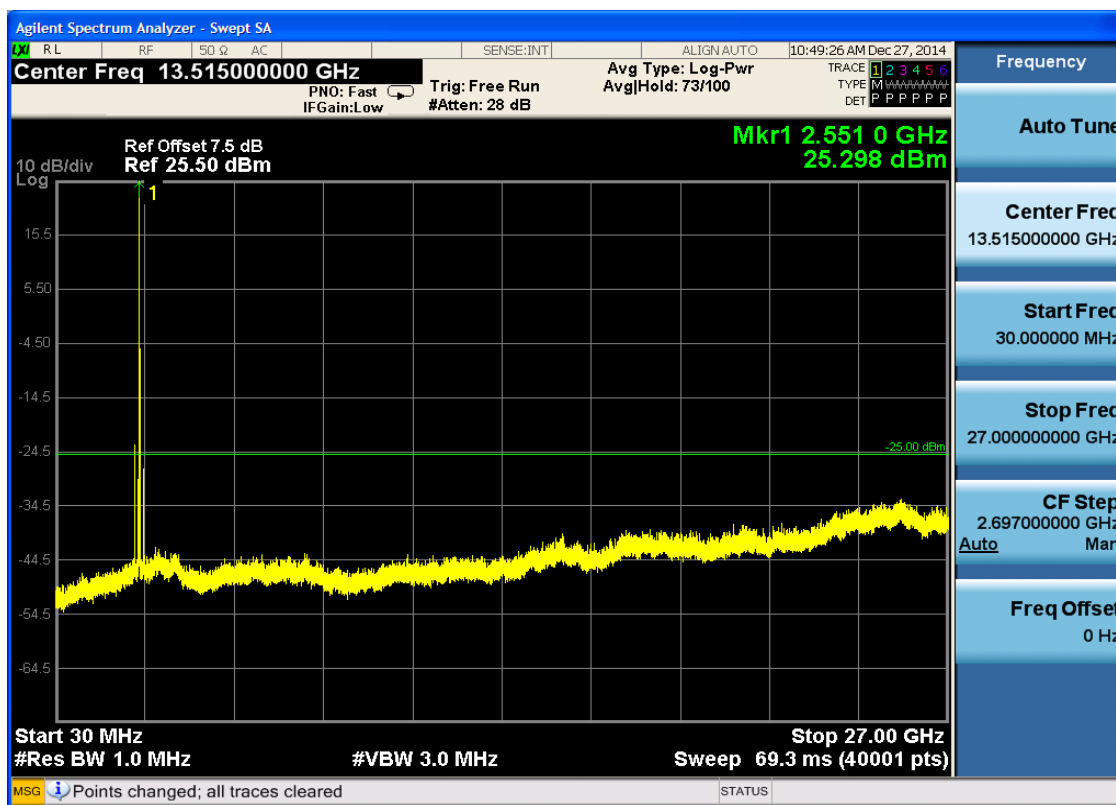


6.3.4.1.4.3 Test Channel = HCH

6.3.4.1.4.3.1 Test RB = RB1#0





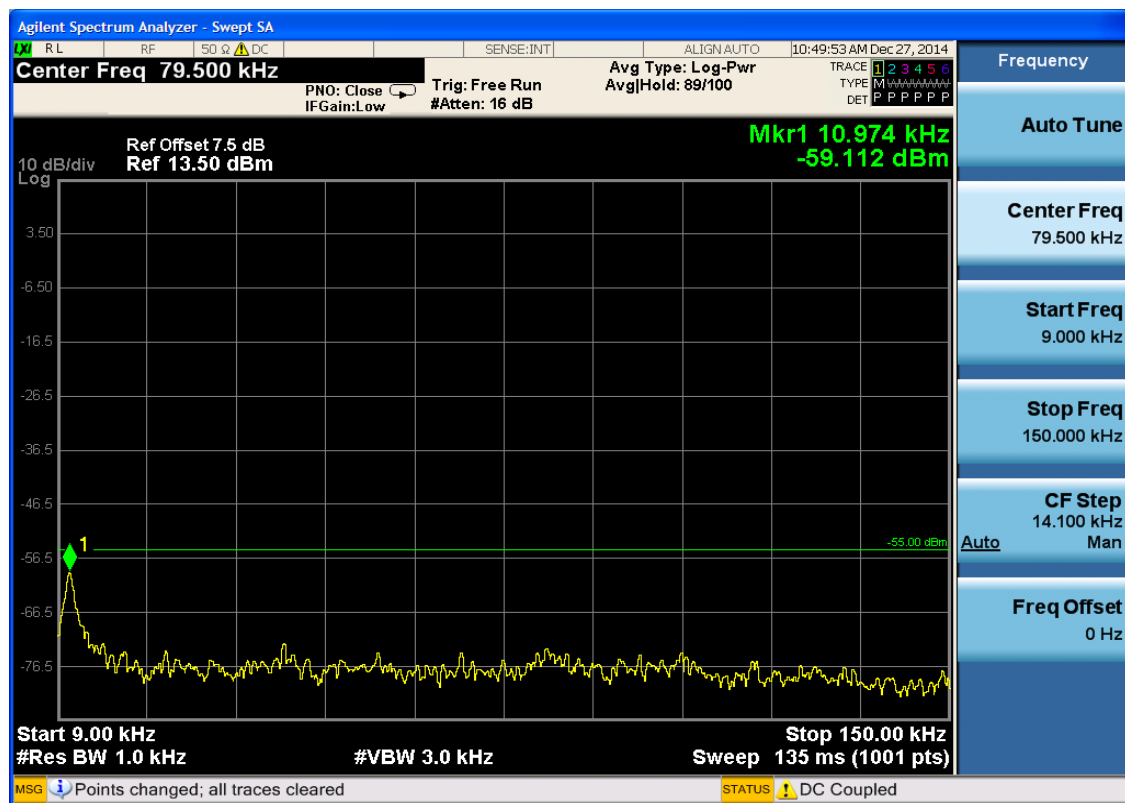


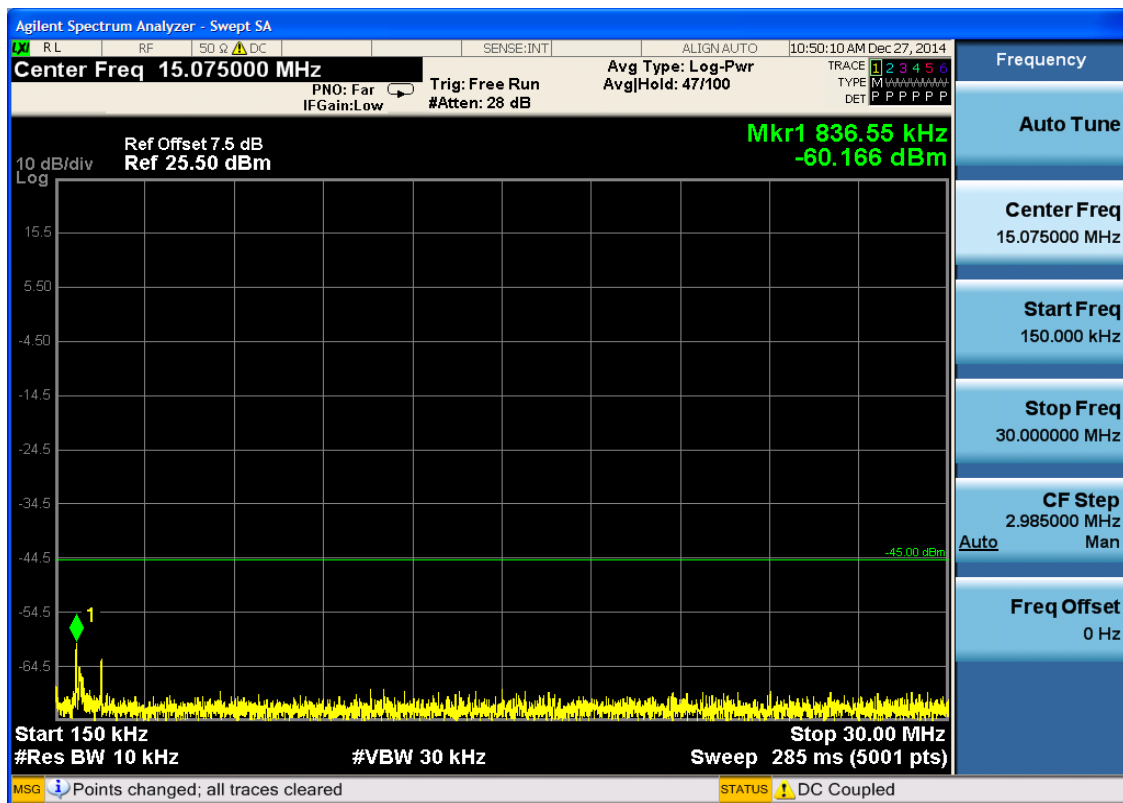
6.3.4.2 Test Mode = LTE/TM2

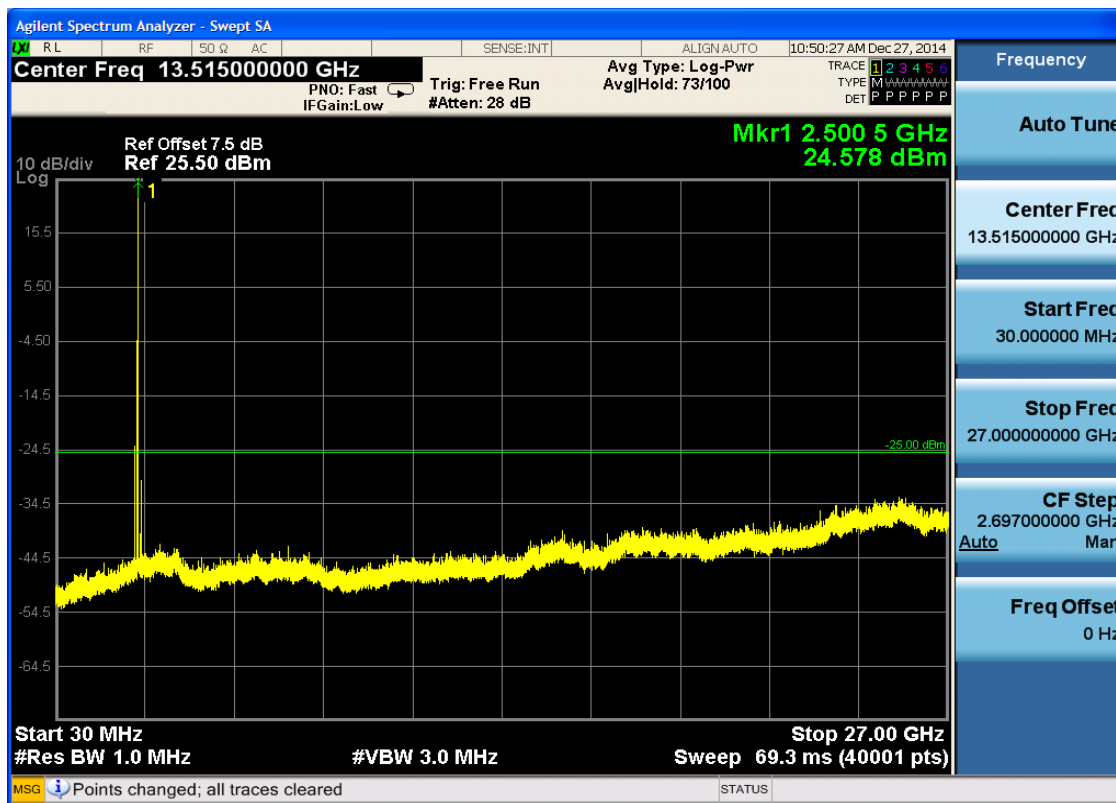
6.3.4.2.1 Test Bandwidth = 5

6.3.4.2.1.1 Test Channel = LCH

6.3.4.2.1.1.1 Test RB = RB1#0

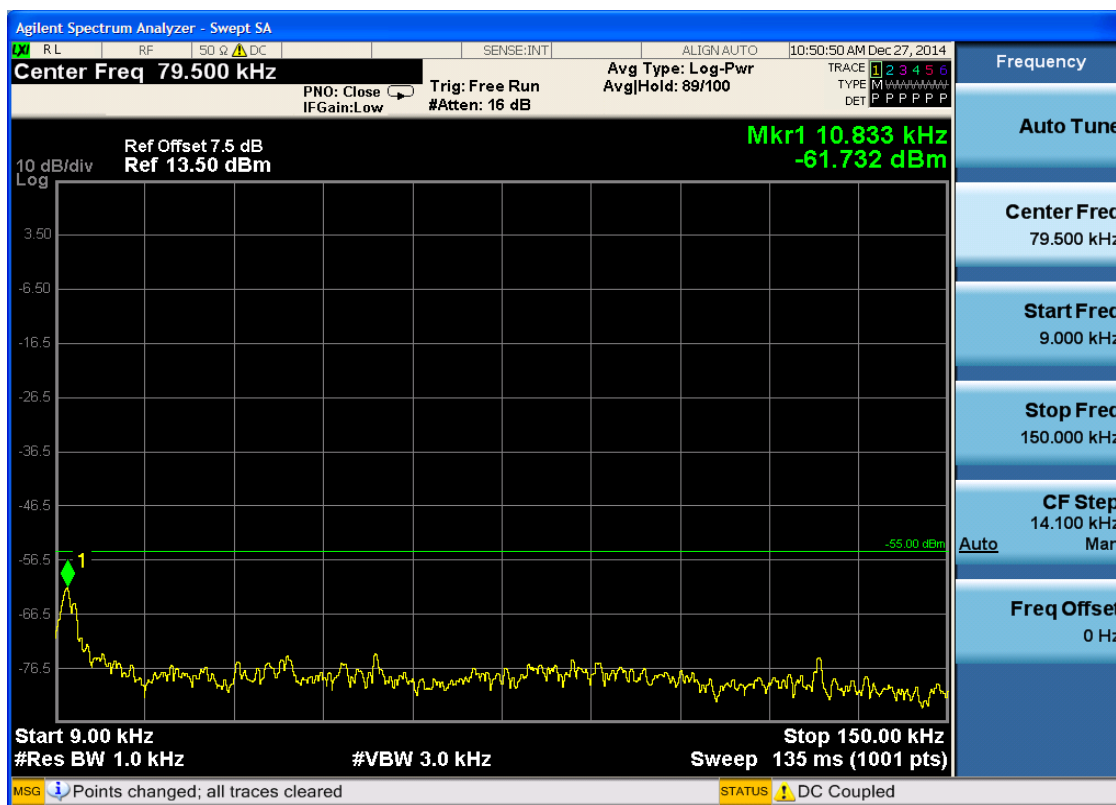


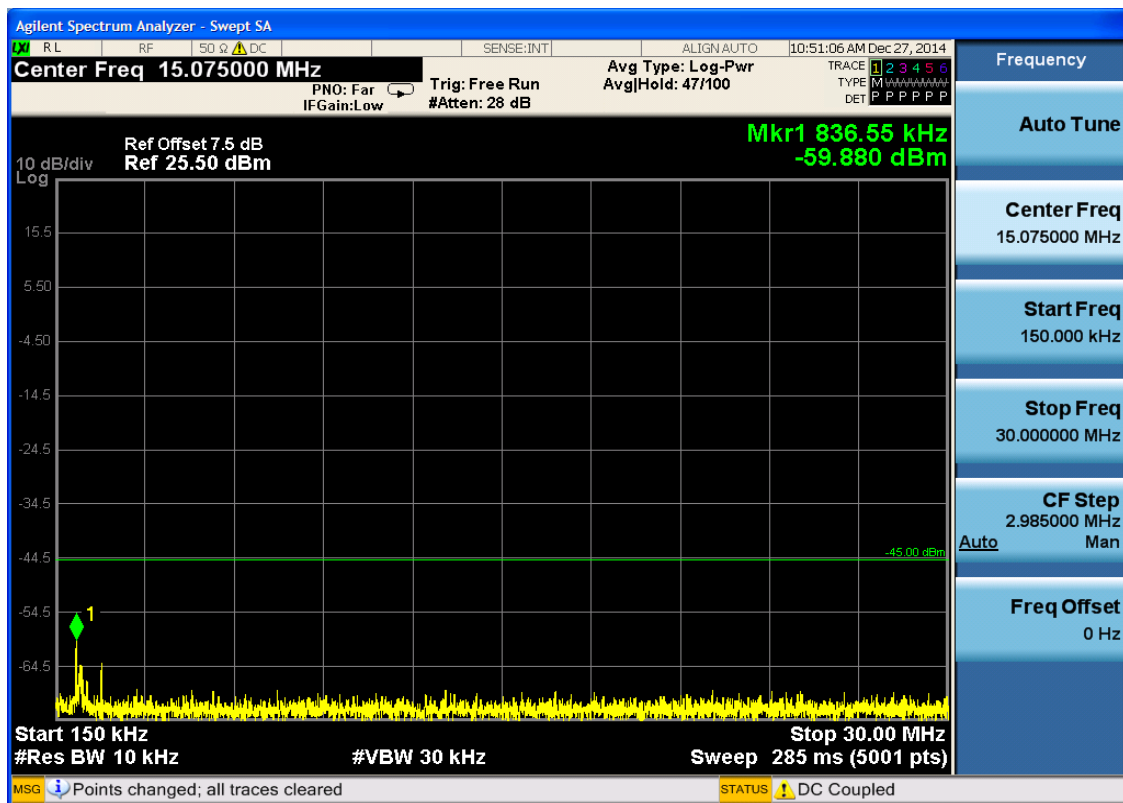


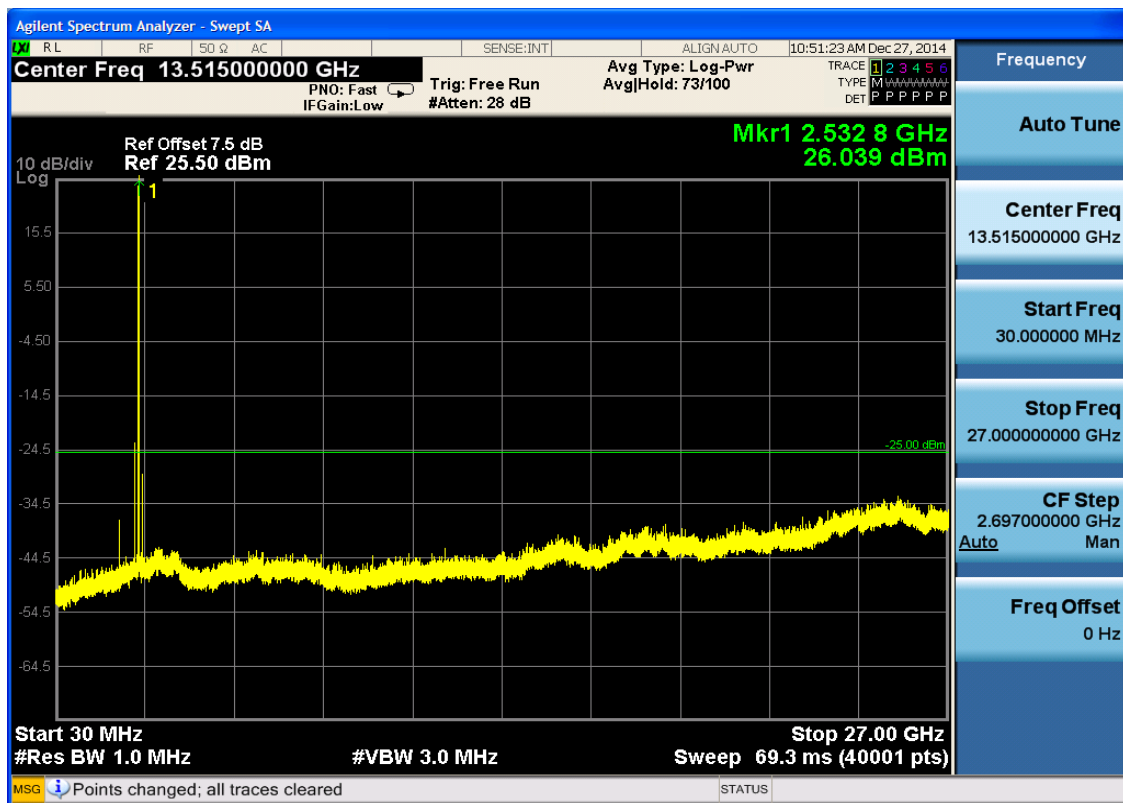


6.3.4.2.1.2 Test Channel = MCH

6.3.4.2.1.2.1 Test RB = RB1#0

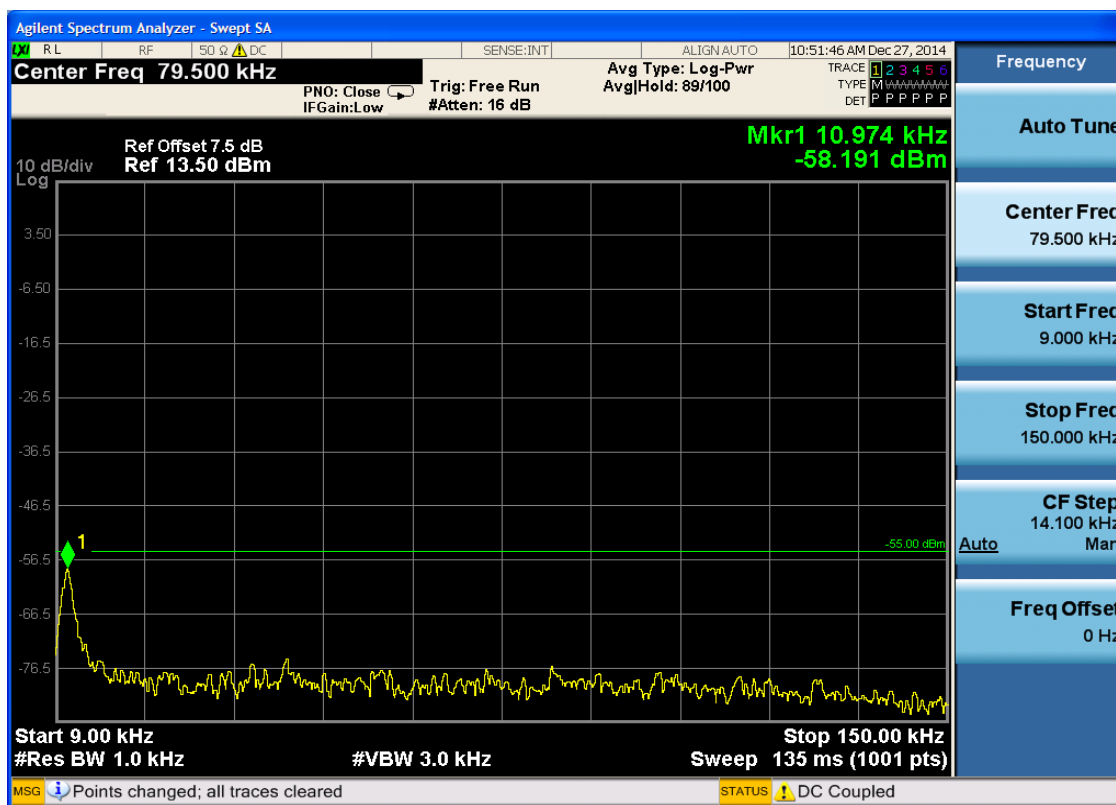


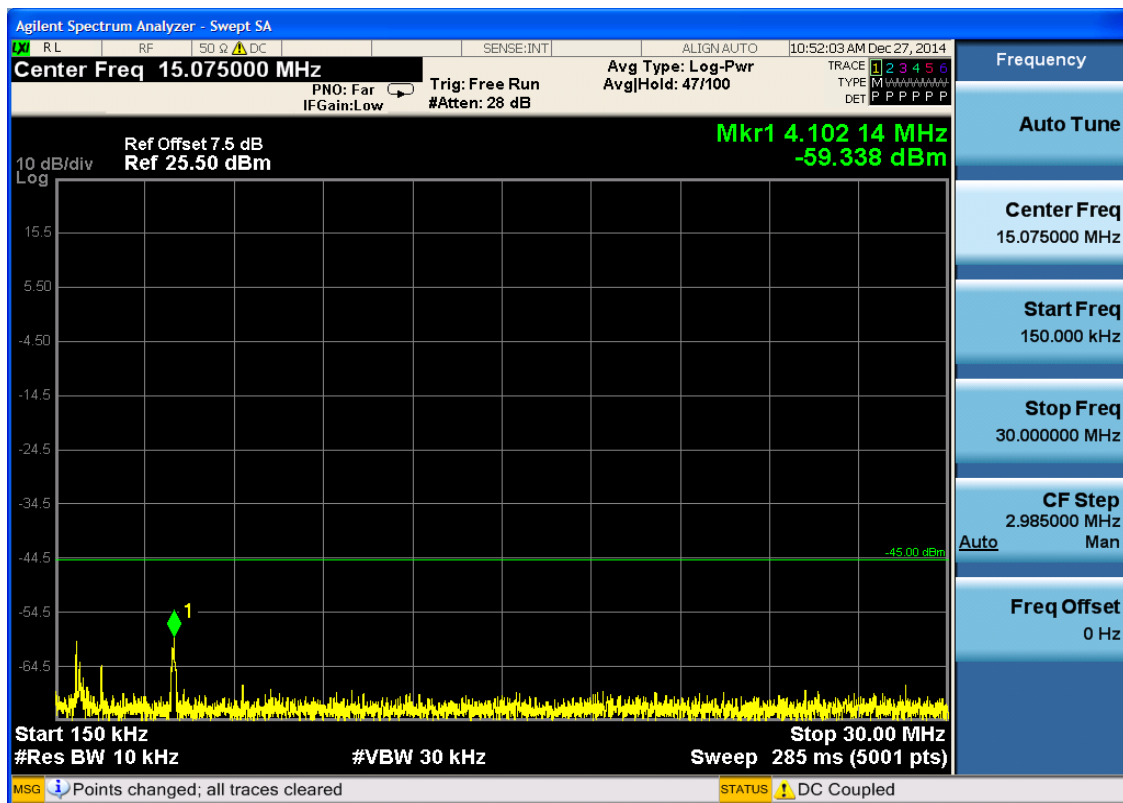


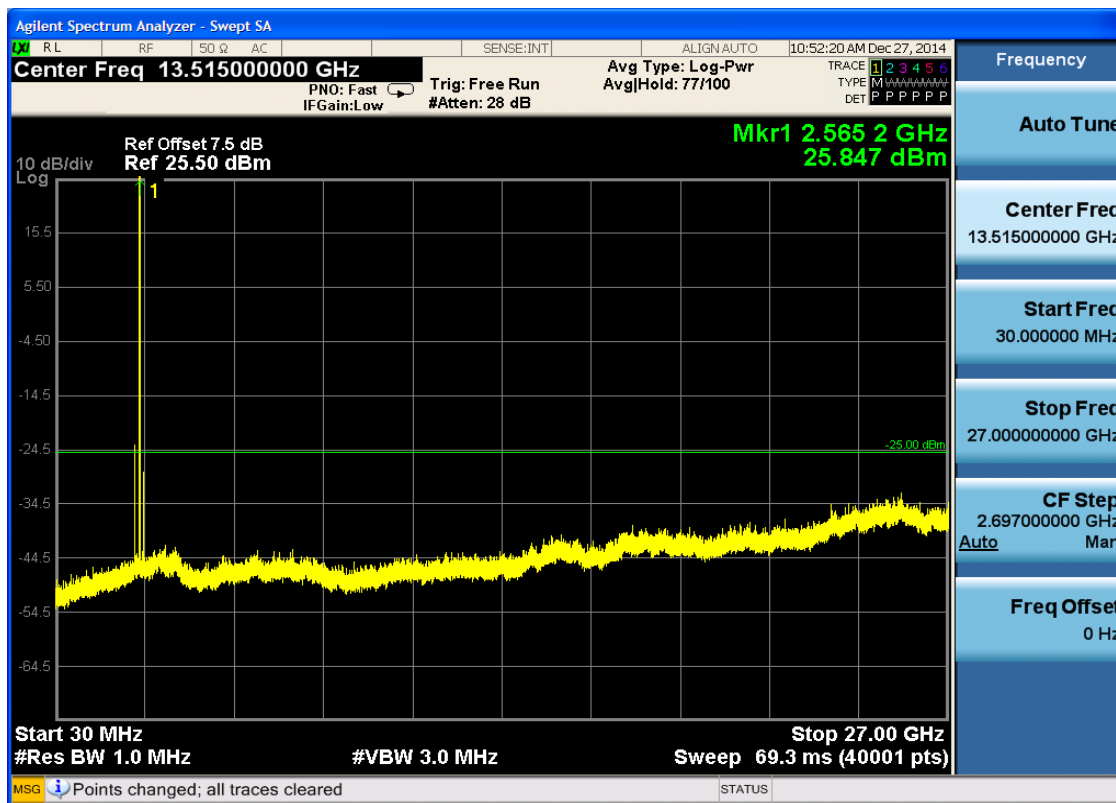


6.3.4.2.1.3 Test Channel = HCH

6.3.4.2.1.3.1 Test RB = RB1#0



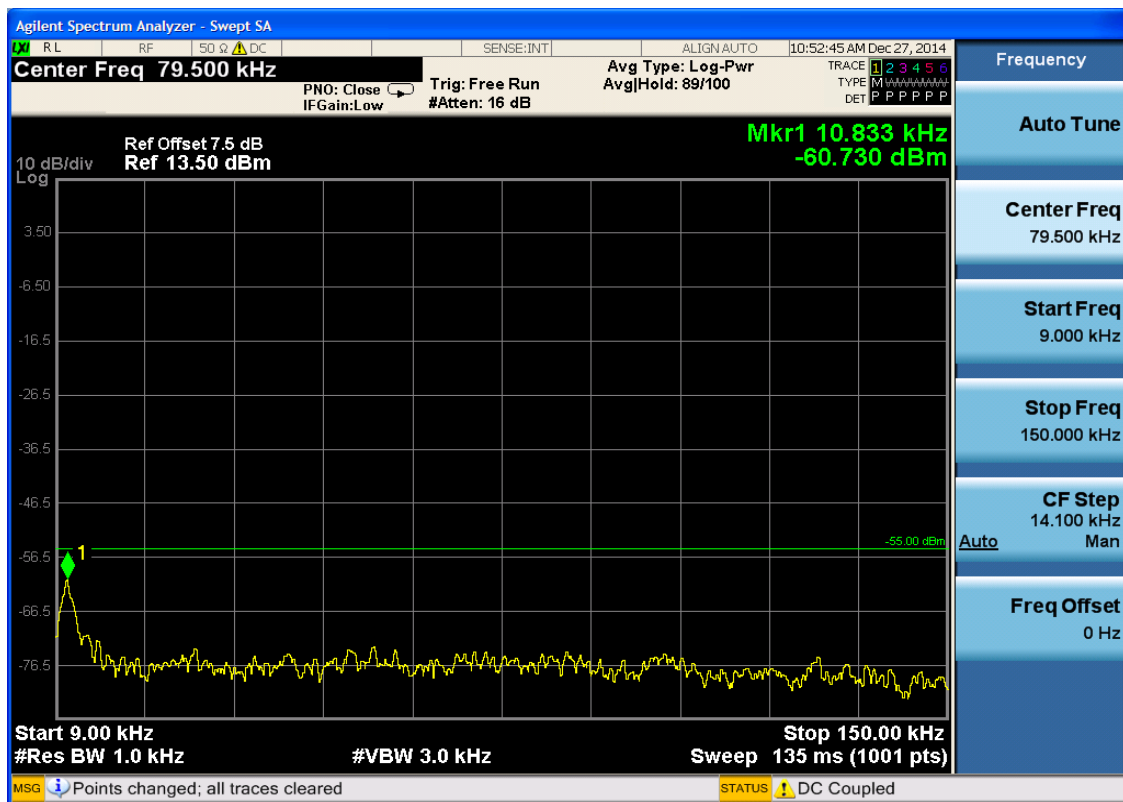


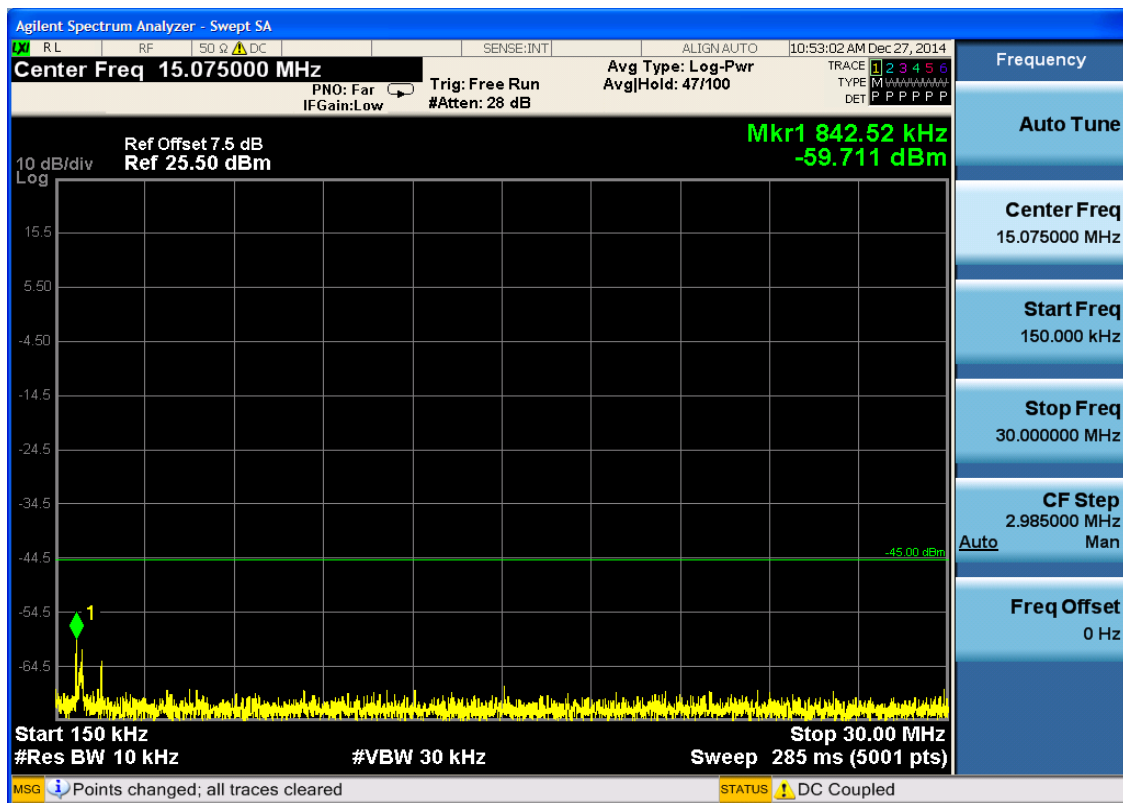


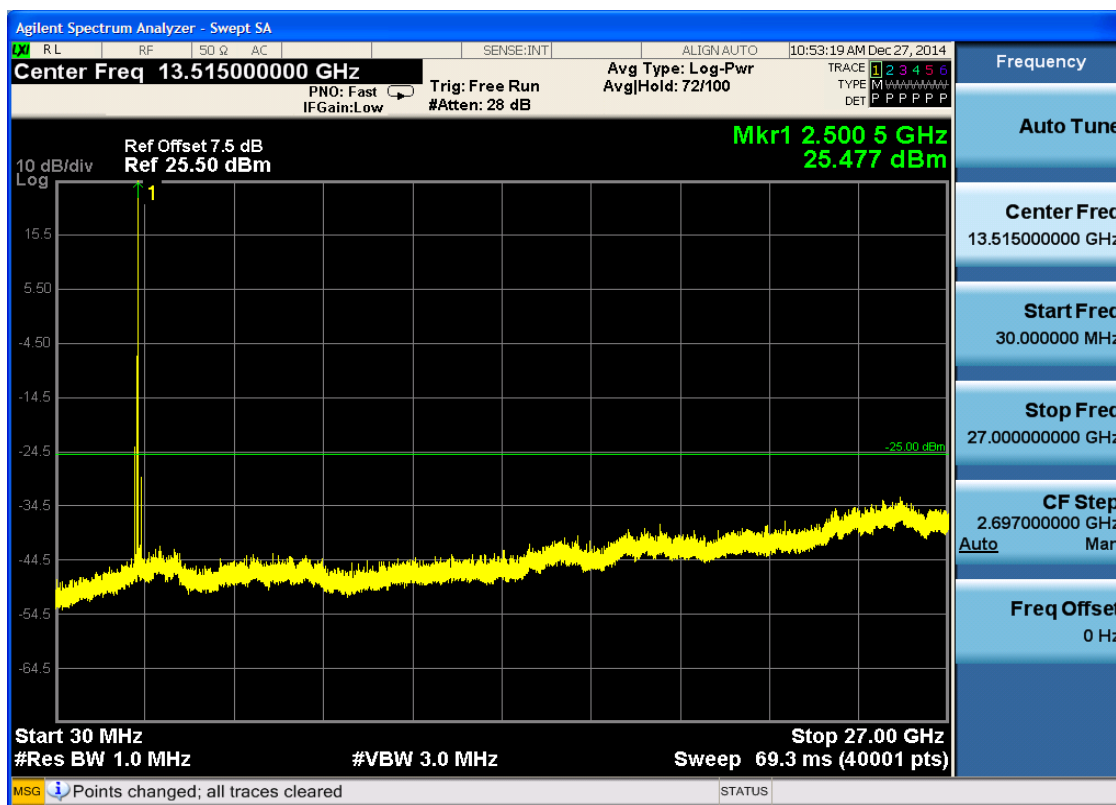
6.3.4.2.2 Test Bandwidth = 10

6.3.4.2.2.1 Test Channel = LCH

6.3.4.2.2.1.1 Test RB = RB1#0

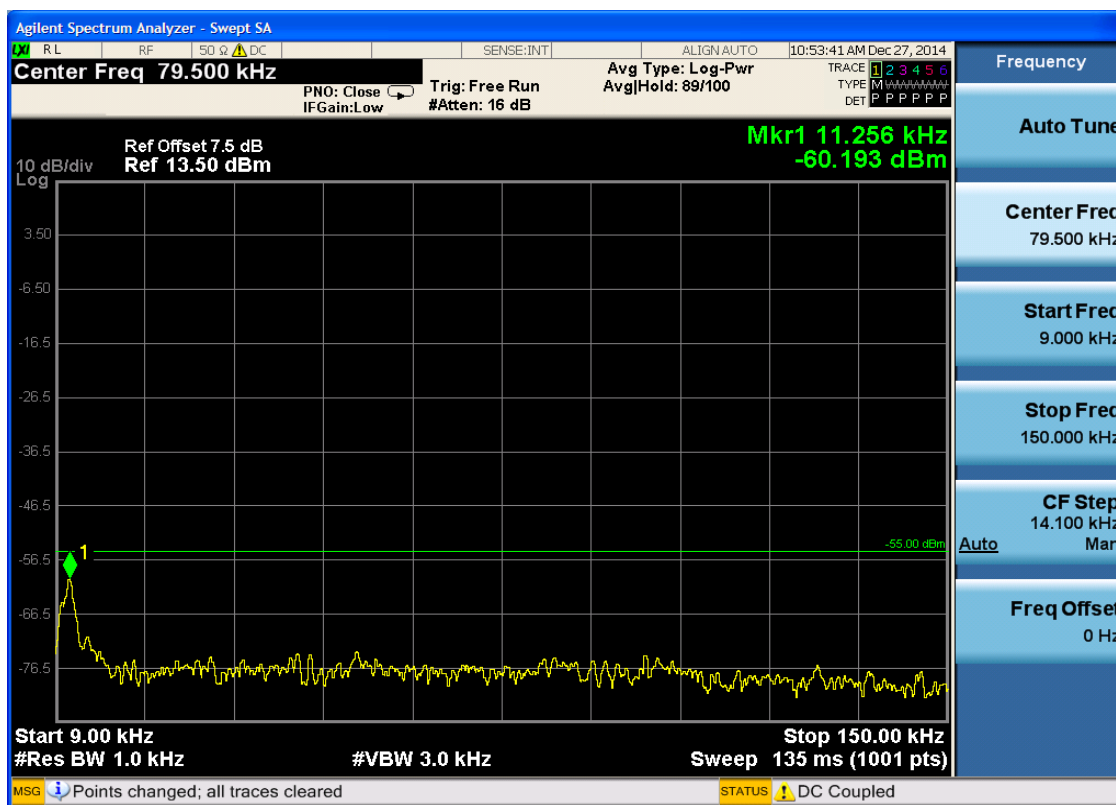


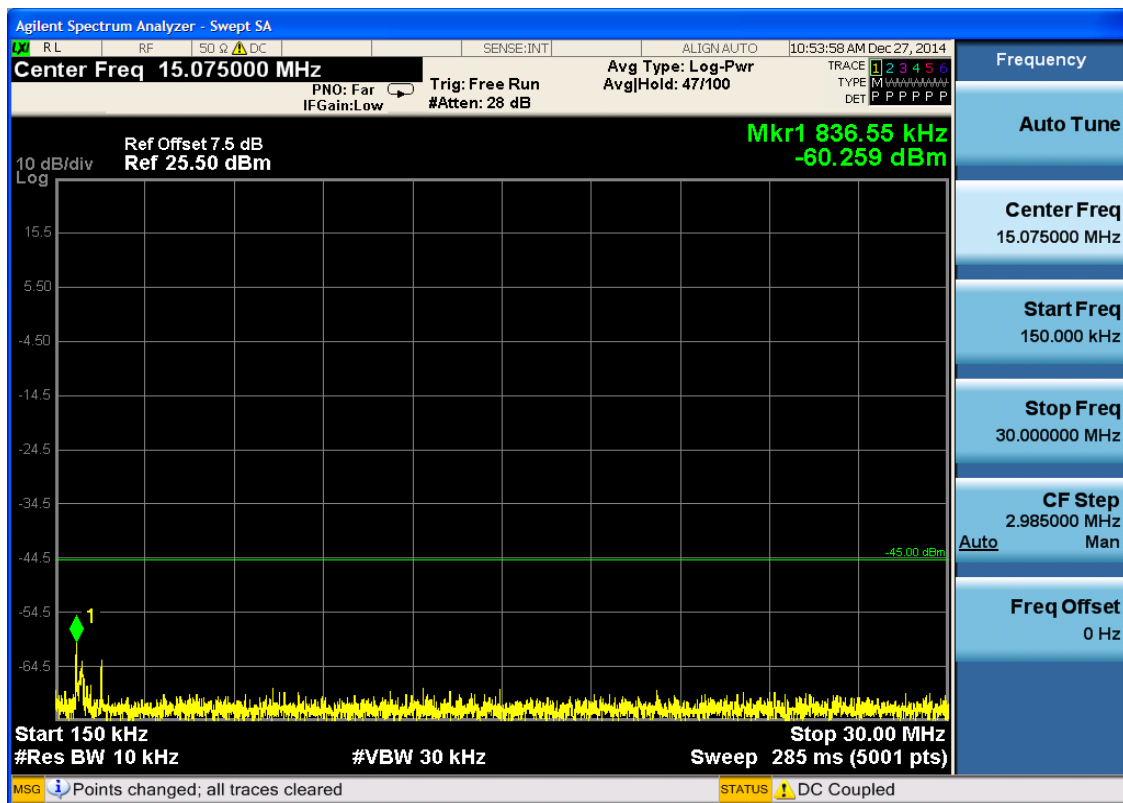


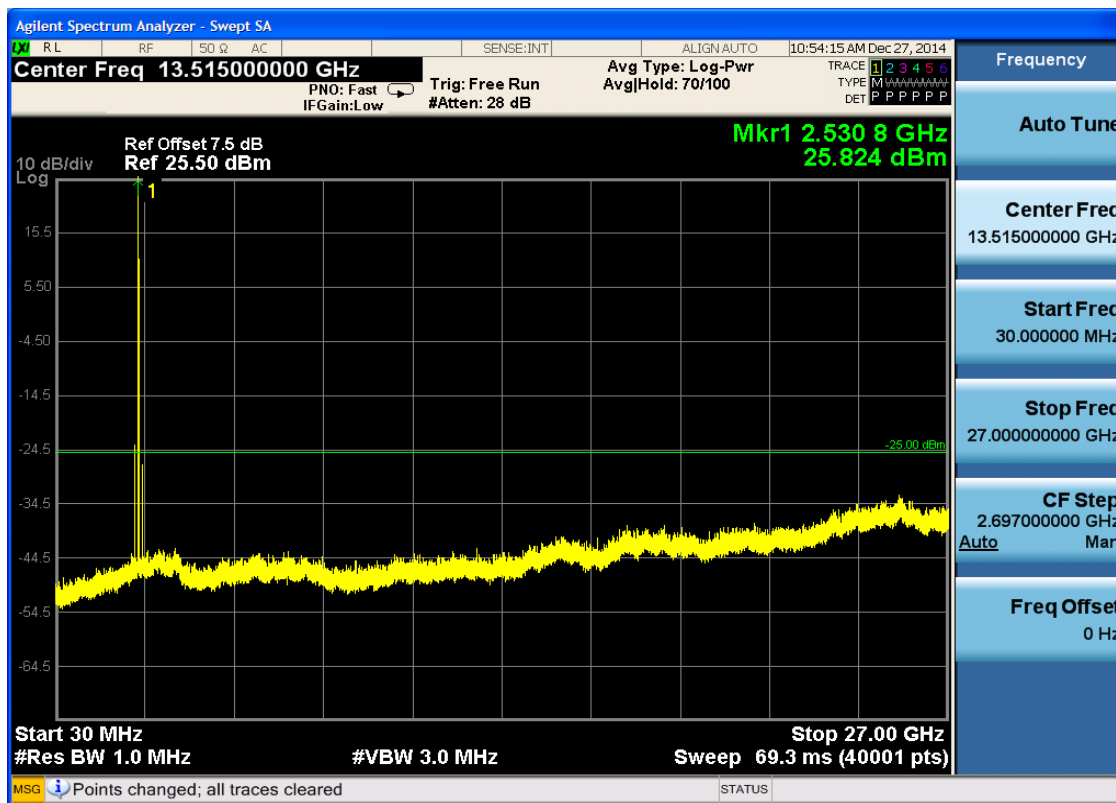


6.3.4.2.2.2 Test Channel = MCH

6.3.4.2.2.2.1 Test RB = RB1#0

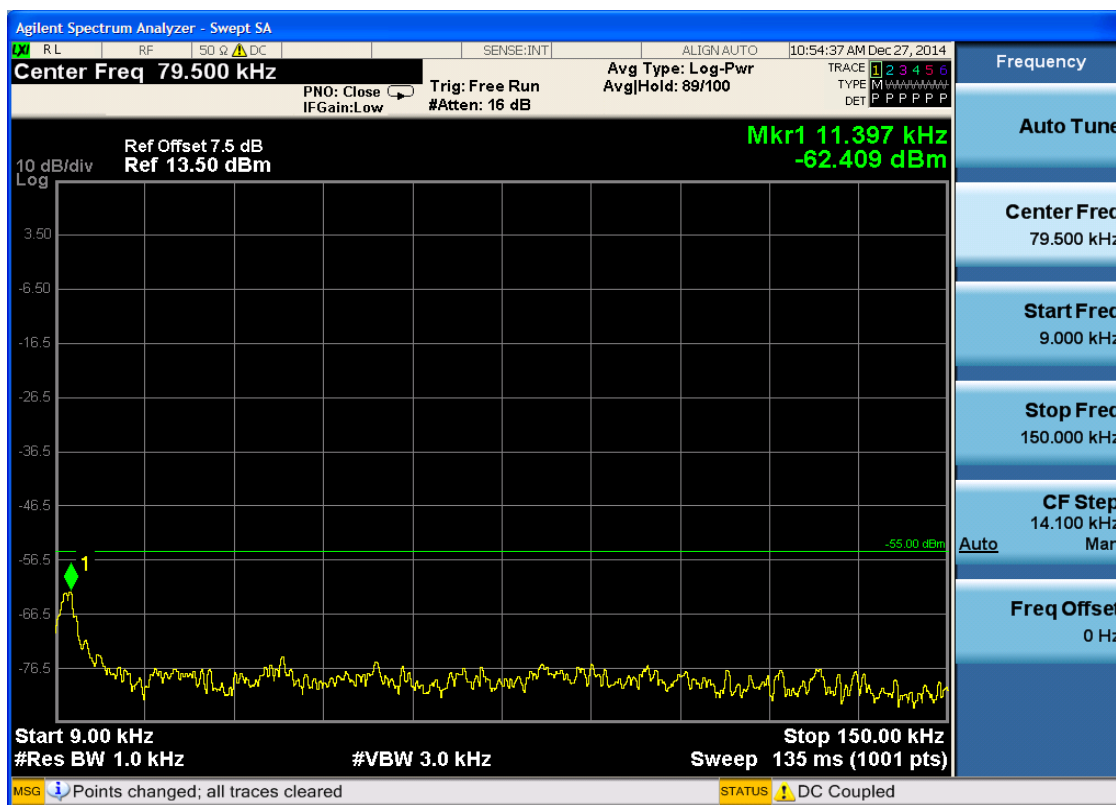


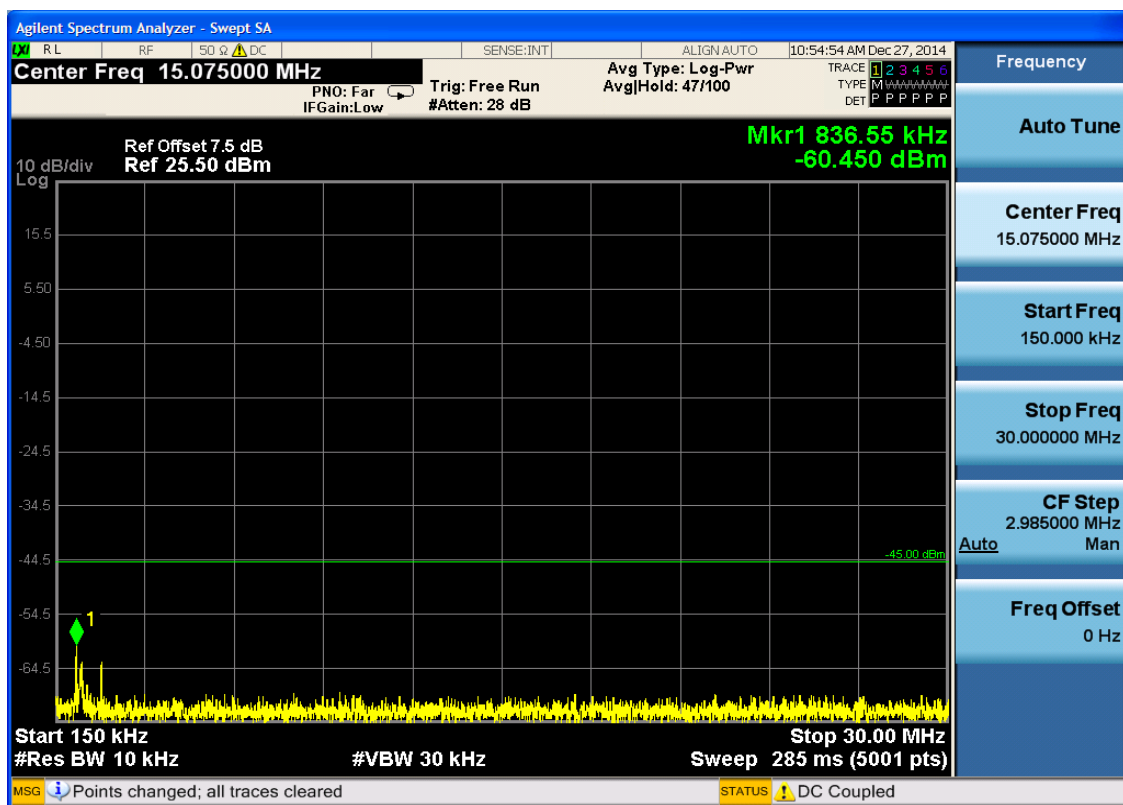


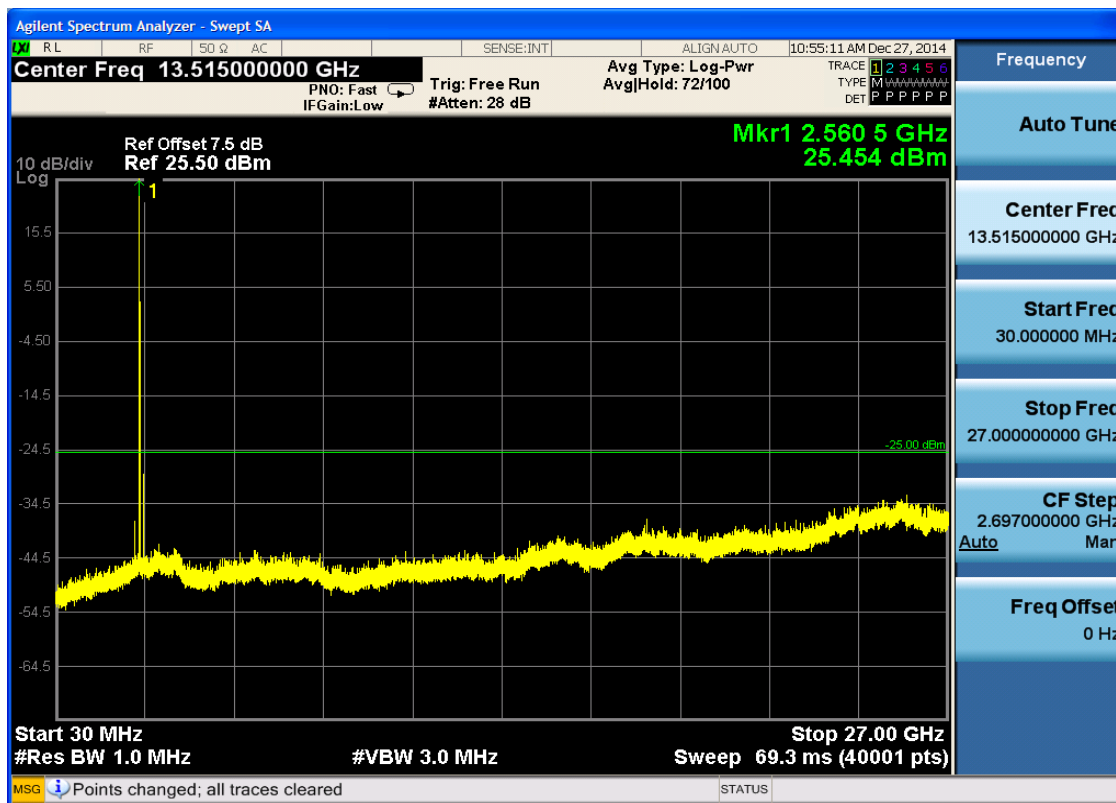


6.3.4.2.2.3 Test Channel = HCH

6.3.4.2.2.3.1 Test RB = RB1#0



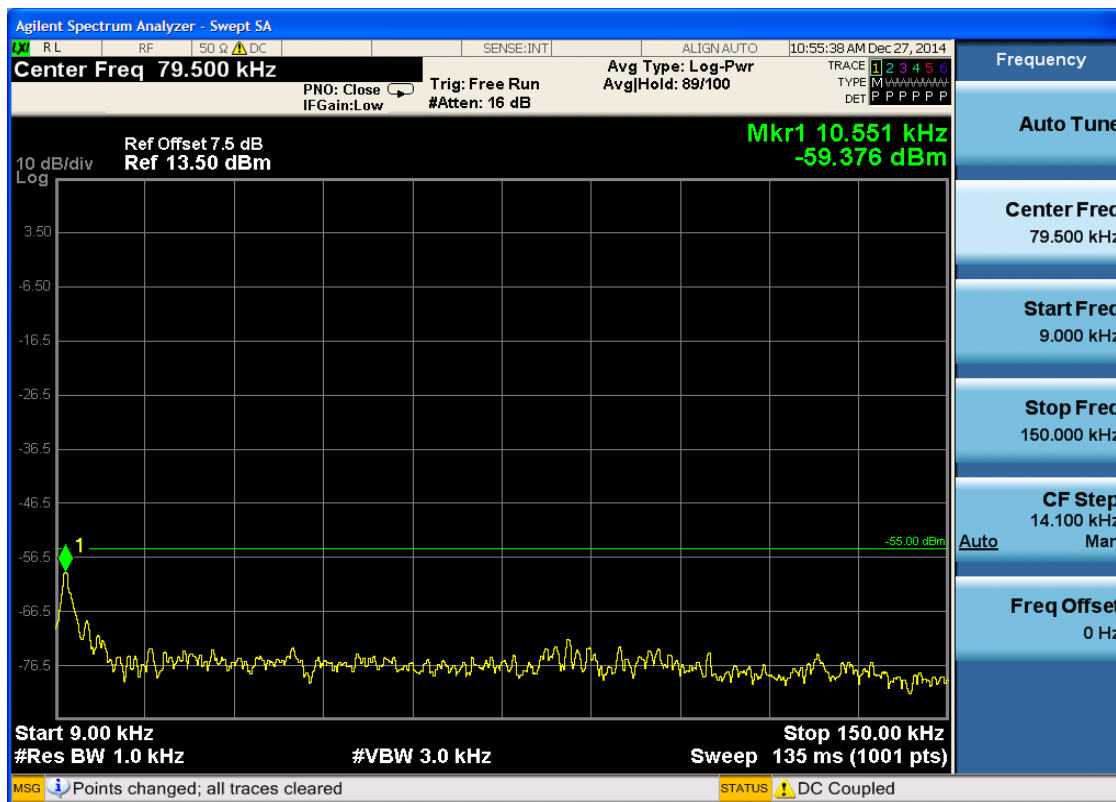


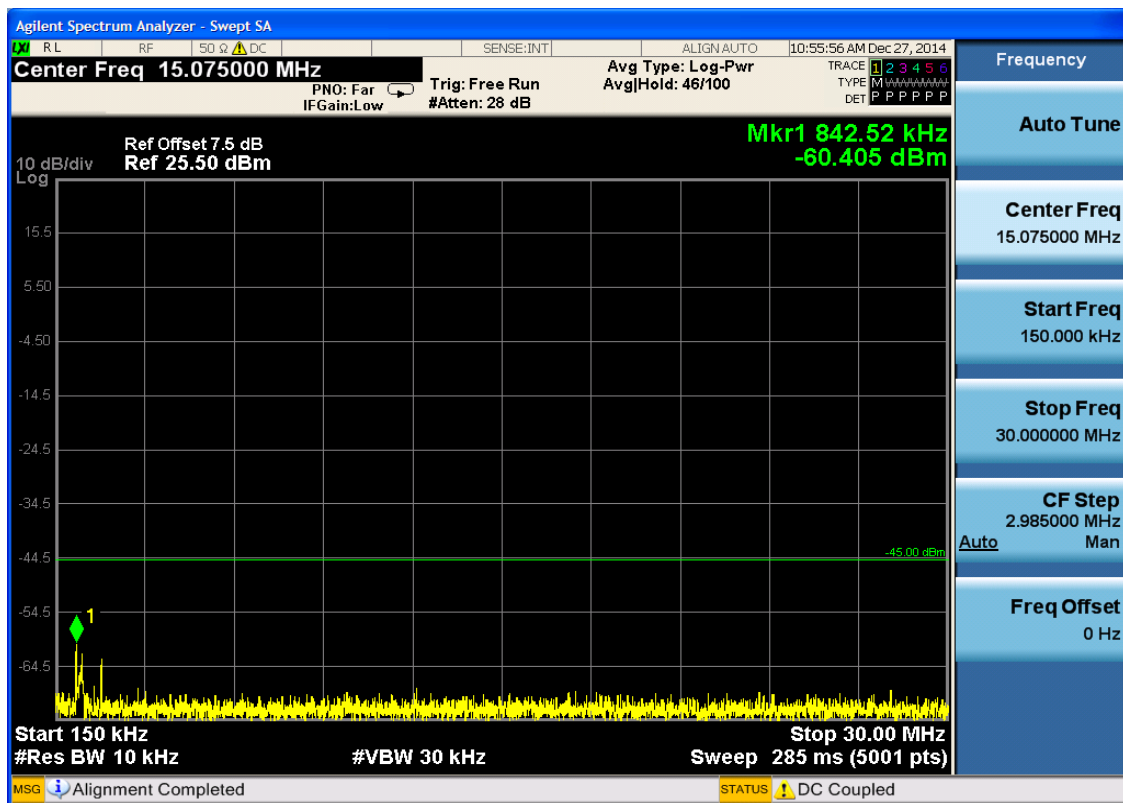


6.3.4.2.3 Test Bandwidth = 15

6.3.4.2.3.1 Test Channel = LCH

6.3.4.2.3.1.1 Test RB = RB1#0

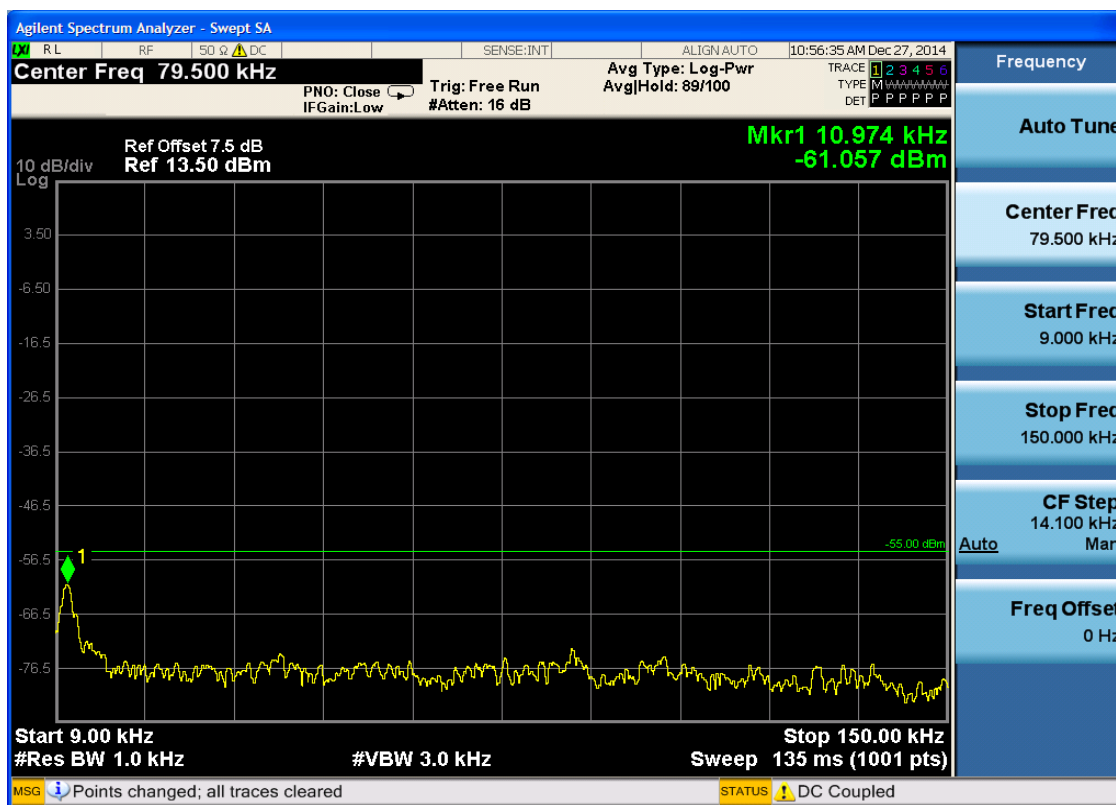


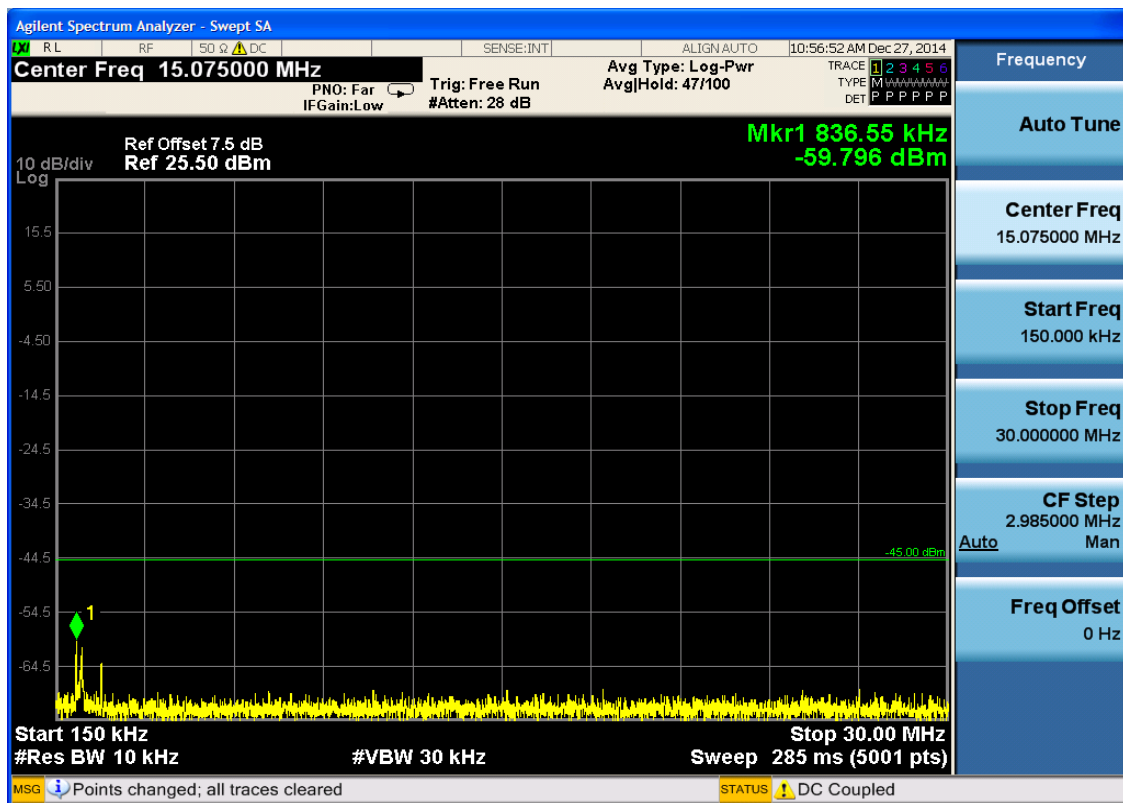


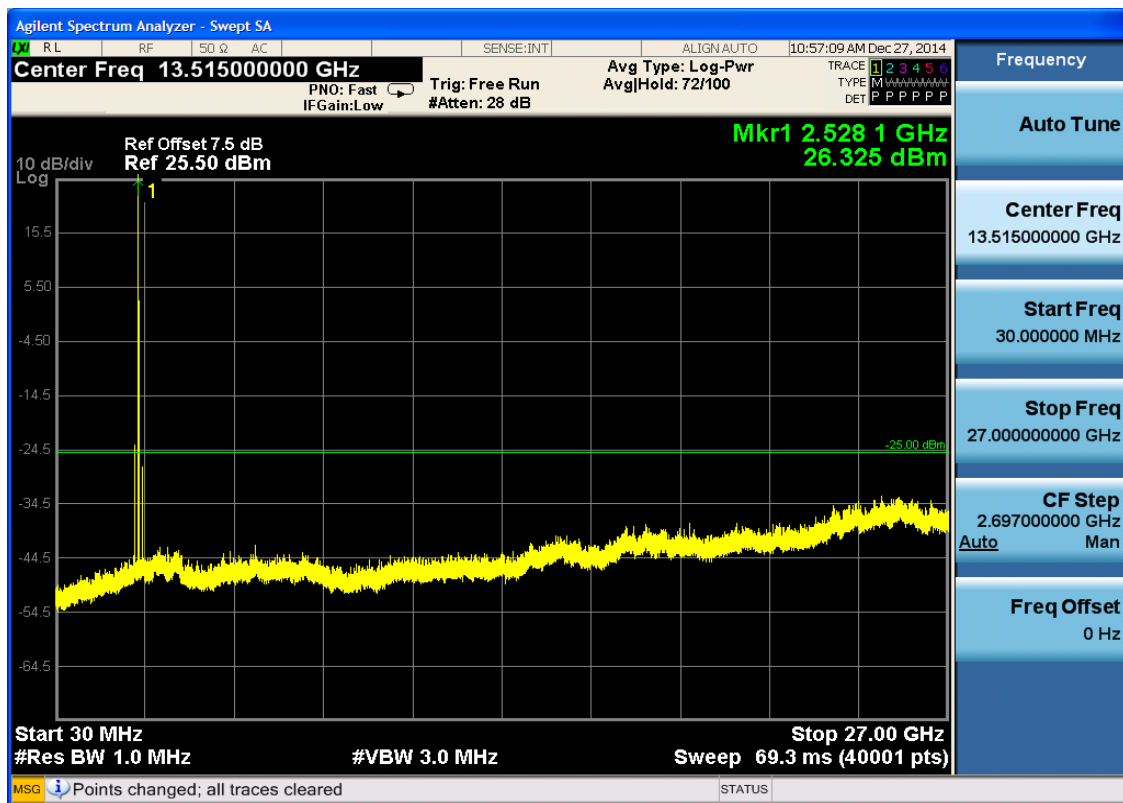


6.3.4.2.3.2 Test Channel = MCH

6.3.4.2.3.2.1 Test RB = RB1#0

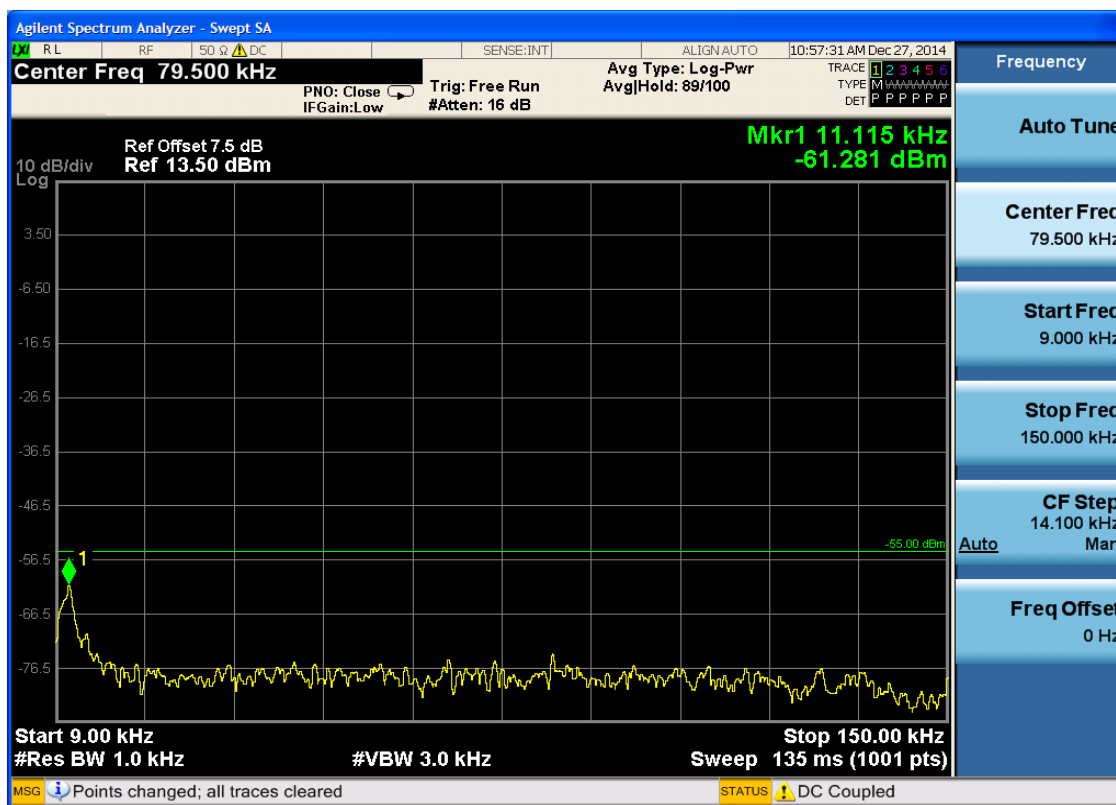


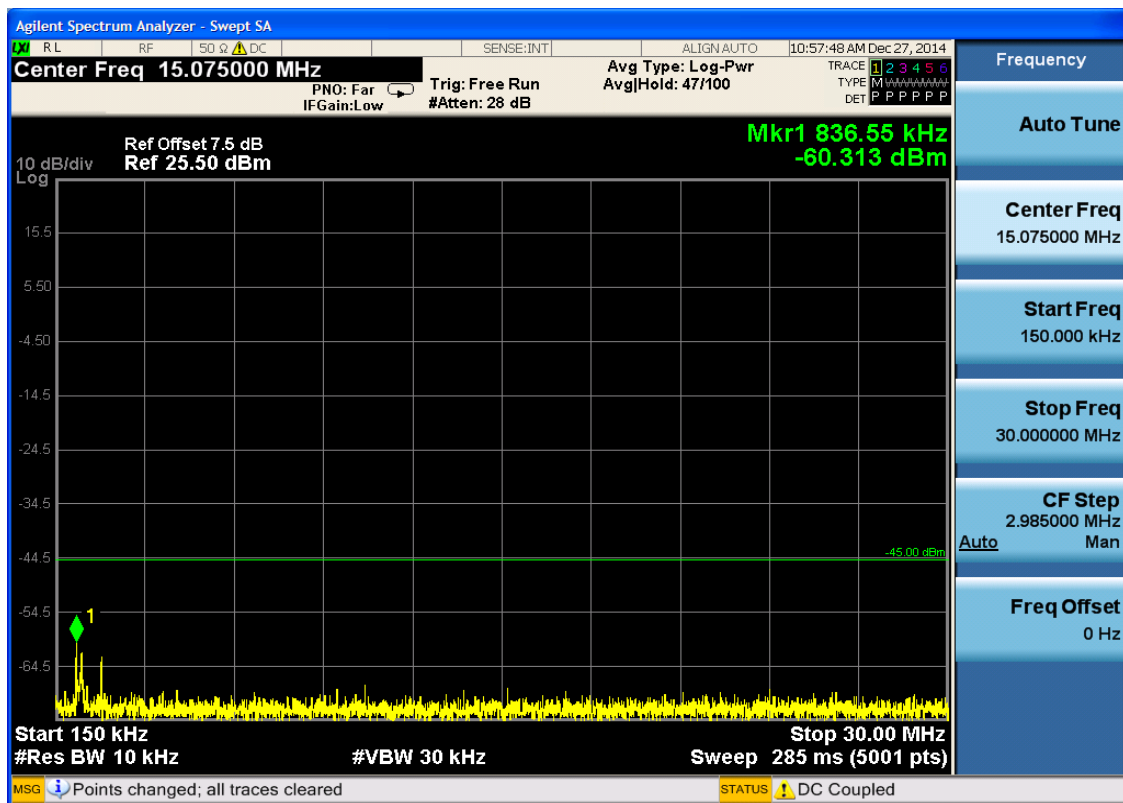


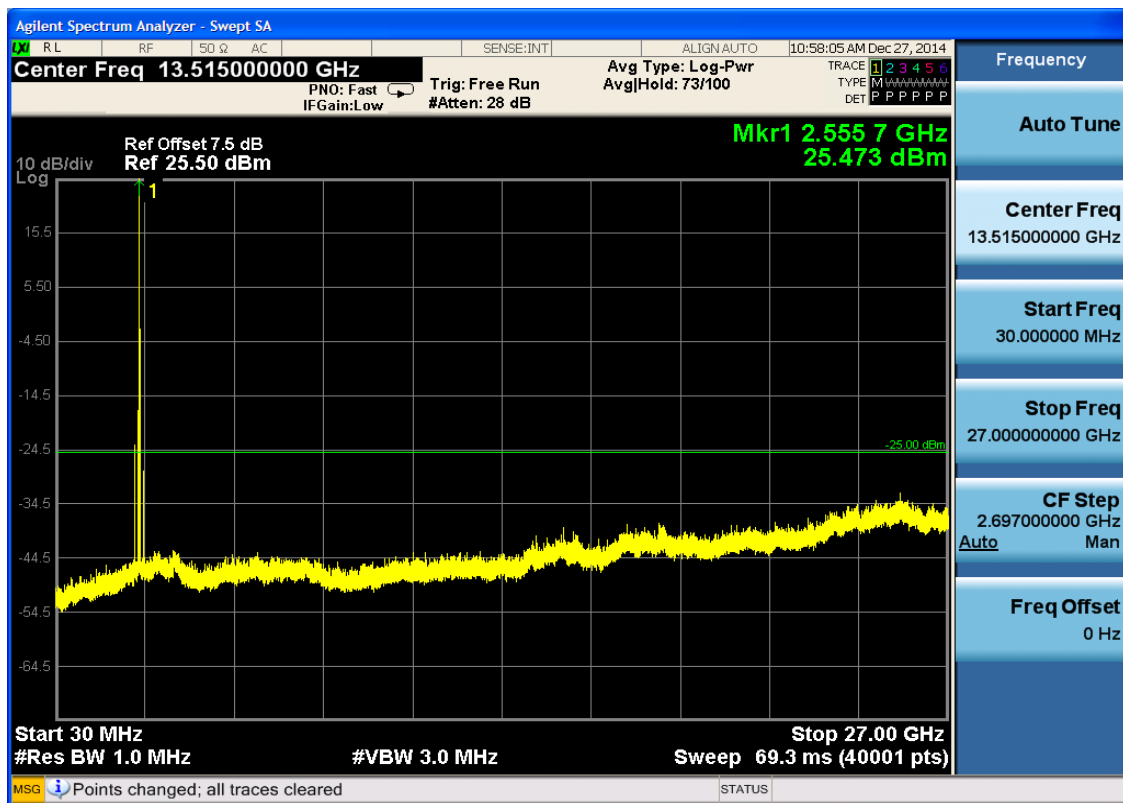


6.3.4.2.3.3 Test Channel = HCH

6.3.4.2.3.3.1 Test RB = RB1#0



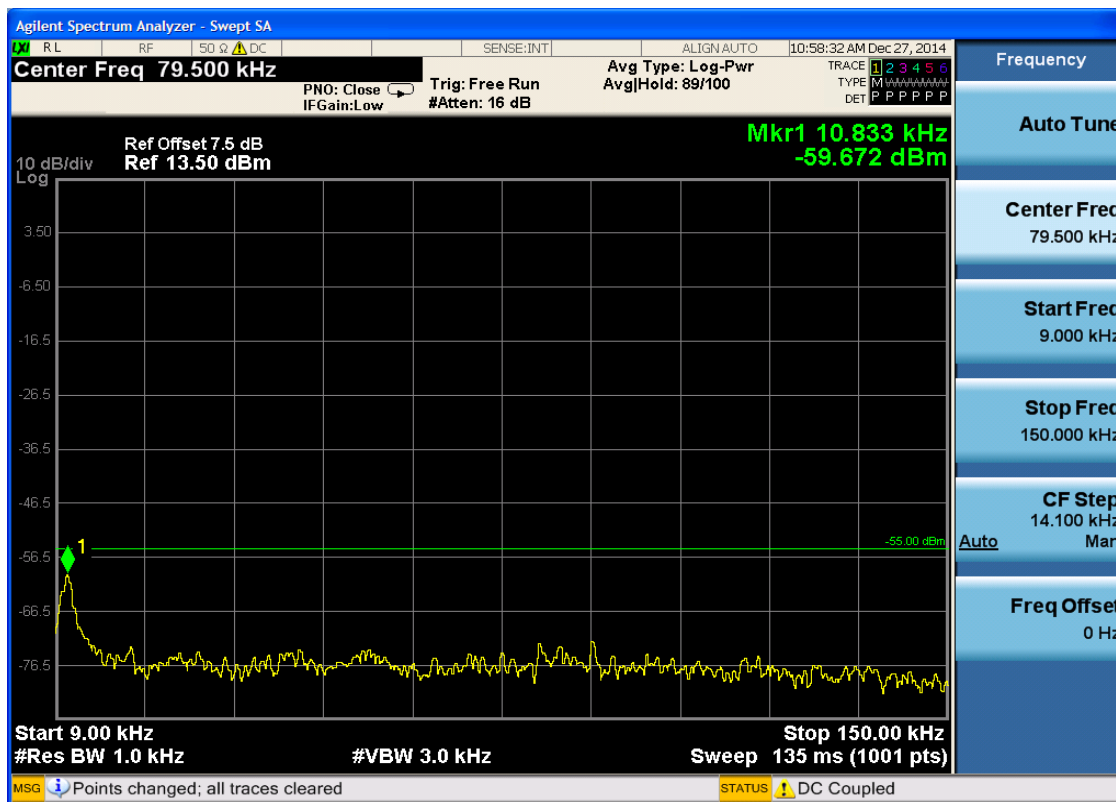


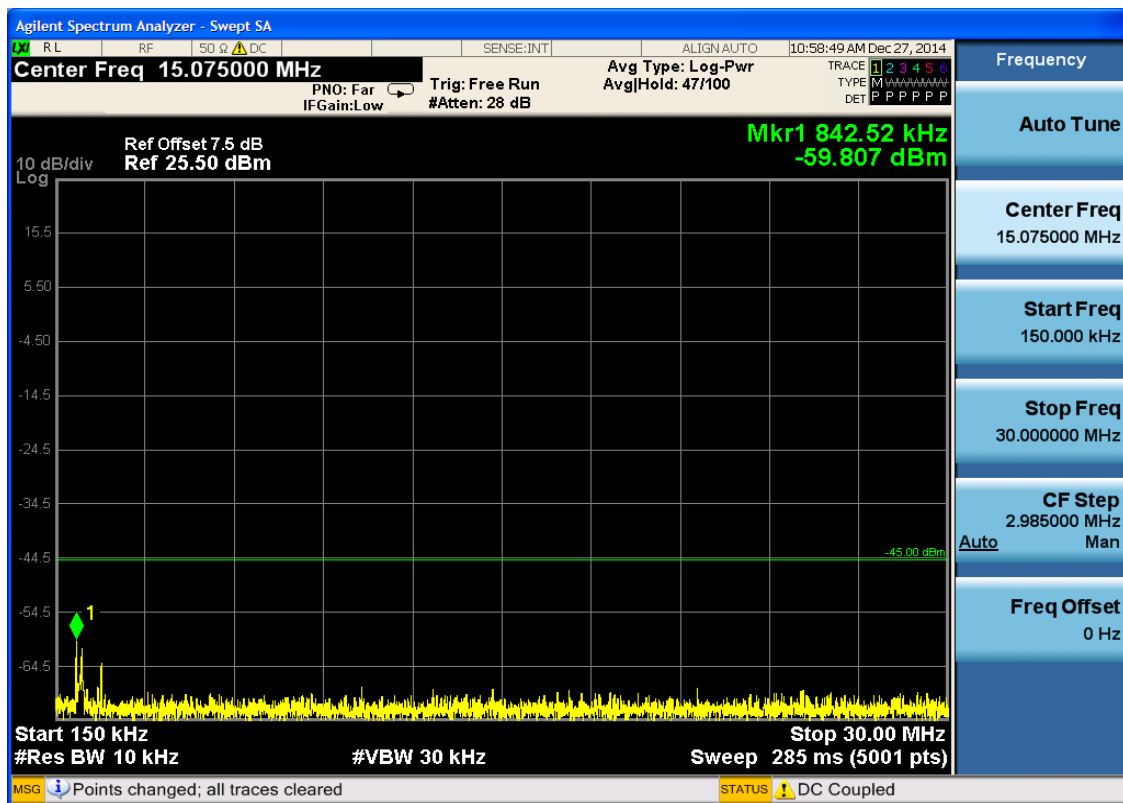


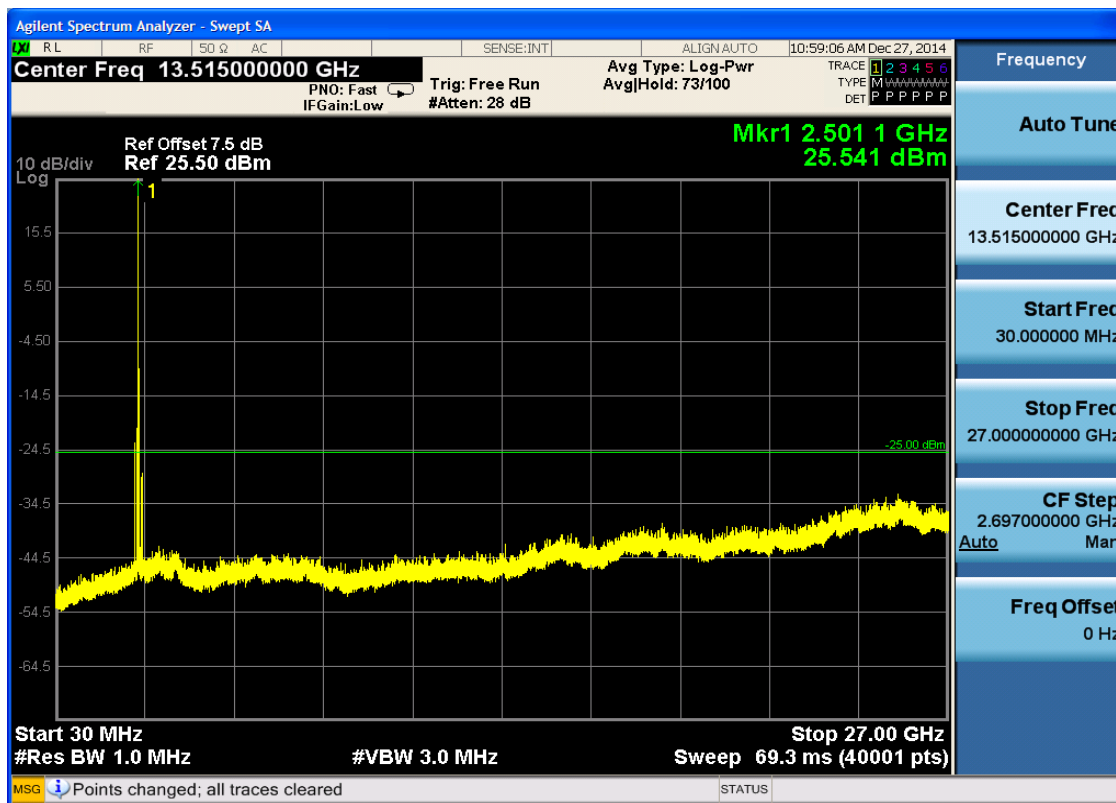
6.3.4.2.4 Test Bandwidth = 20

6.3.4.2.4.1 Test Channel = LCH

6.3.4.2.4.1.1 Test RB = RB1#0

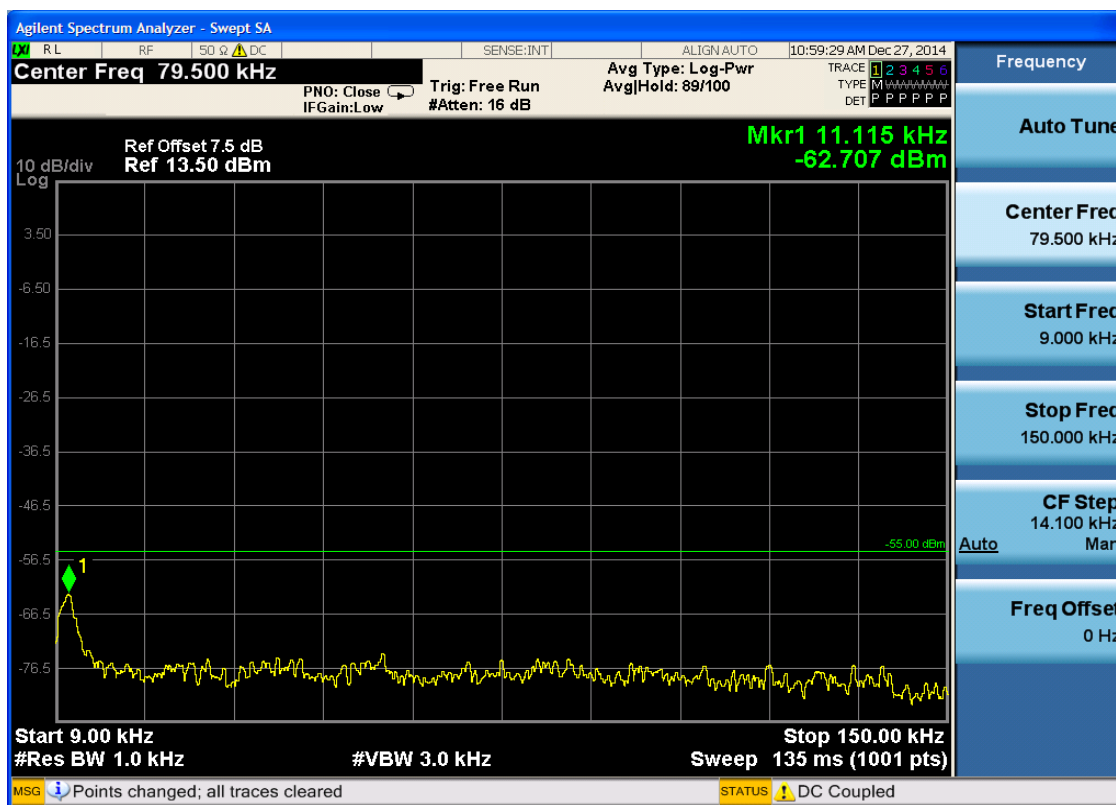


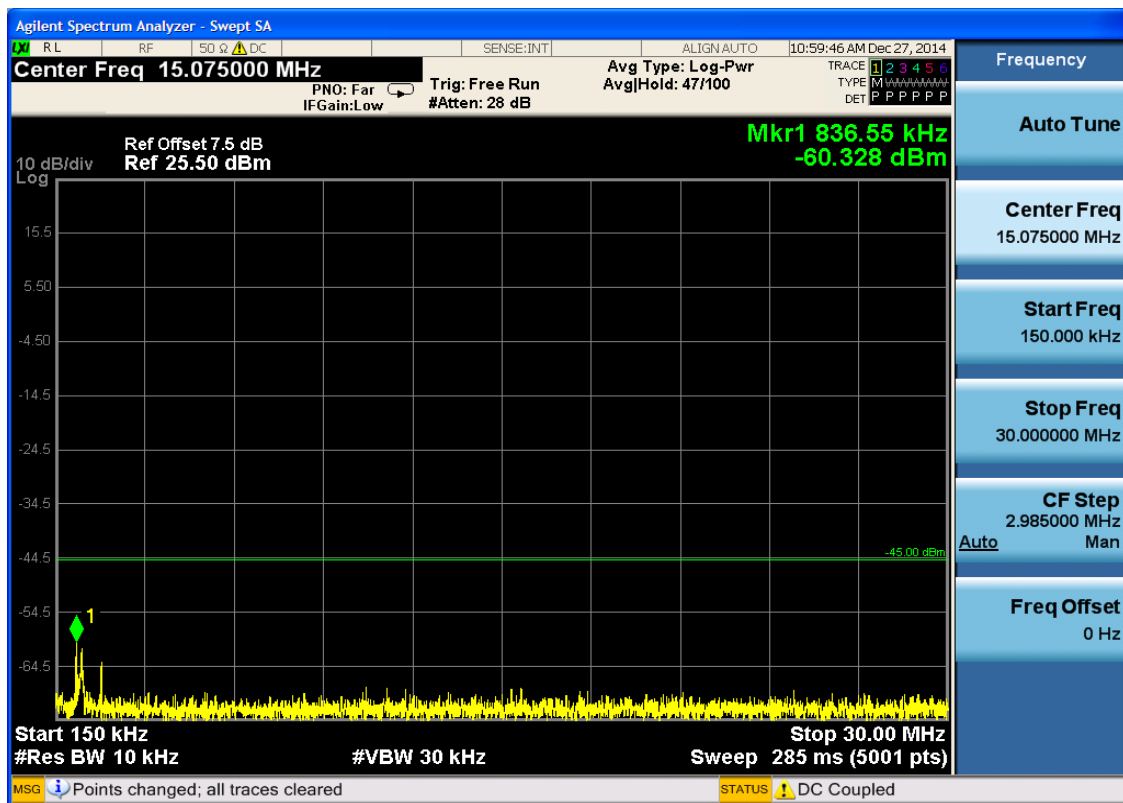


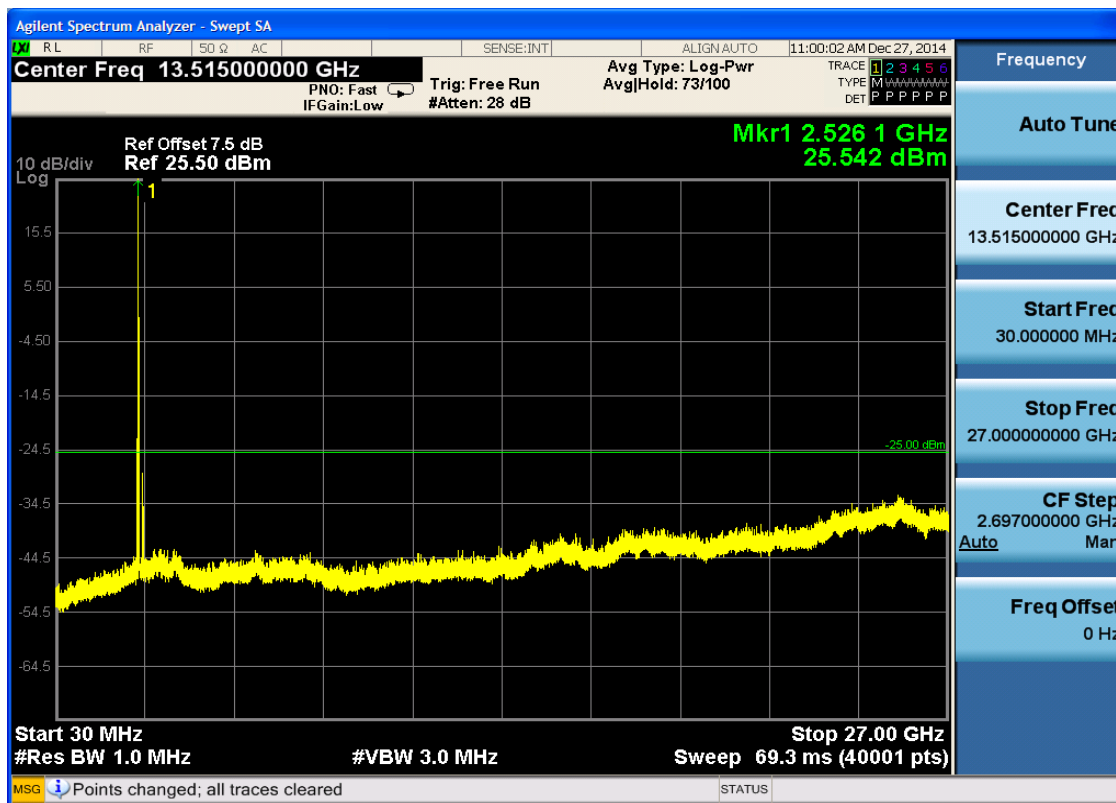


6.3.4.2.4.2 Test Channel = MCH

6.3.4.2.4.2.1 Test RB = RB1#0

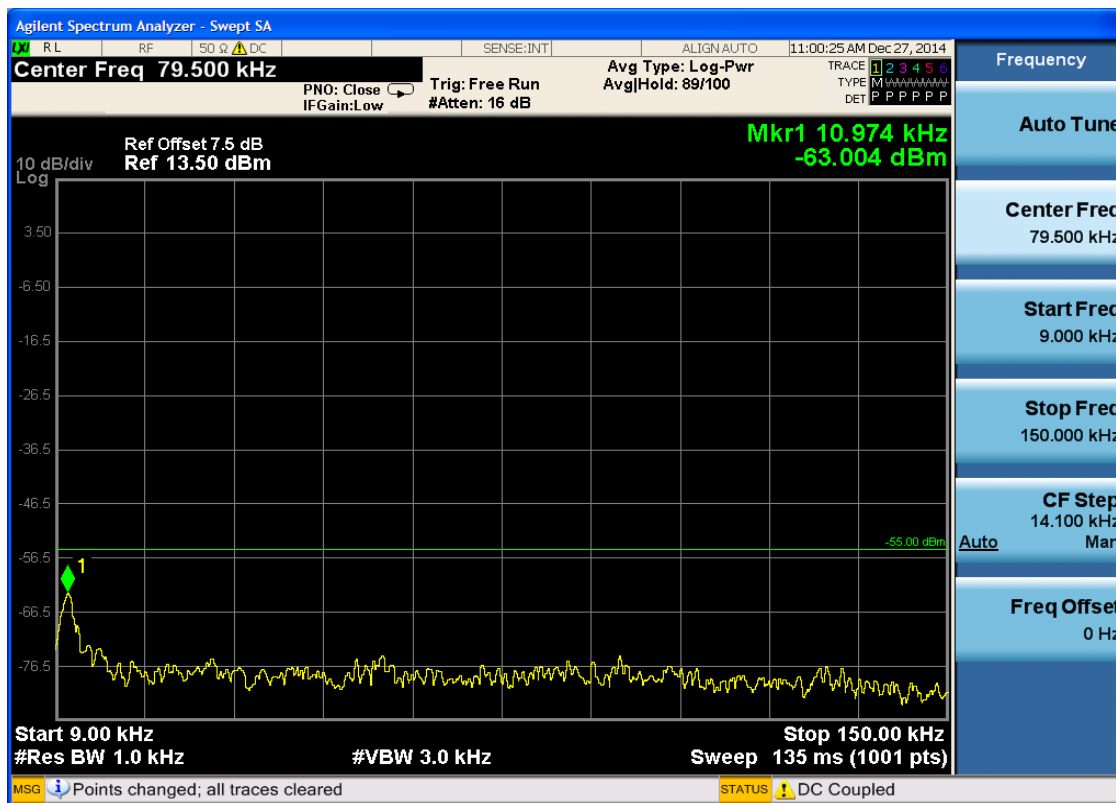


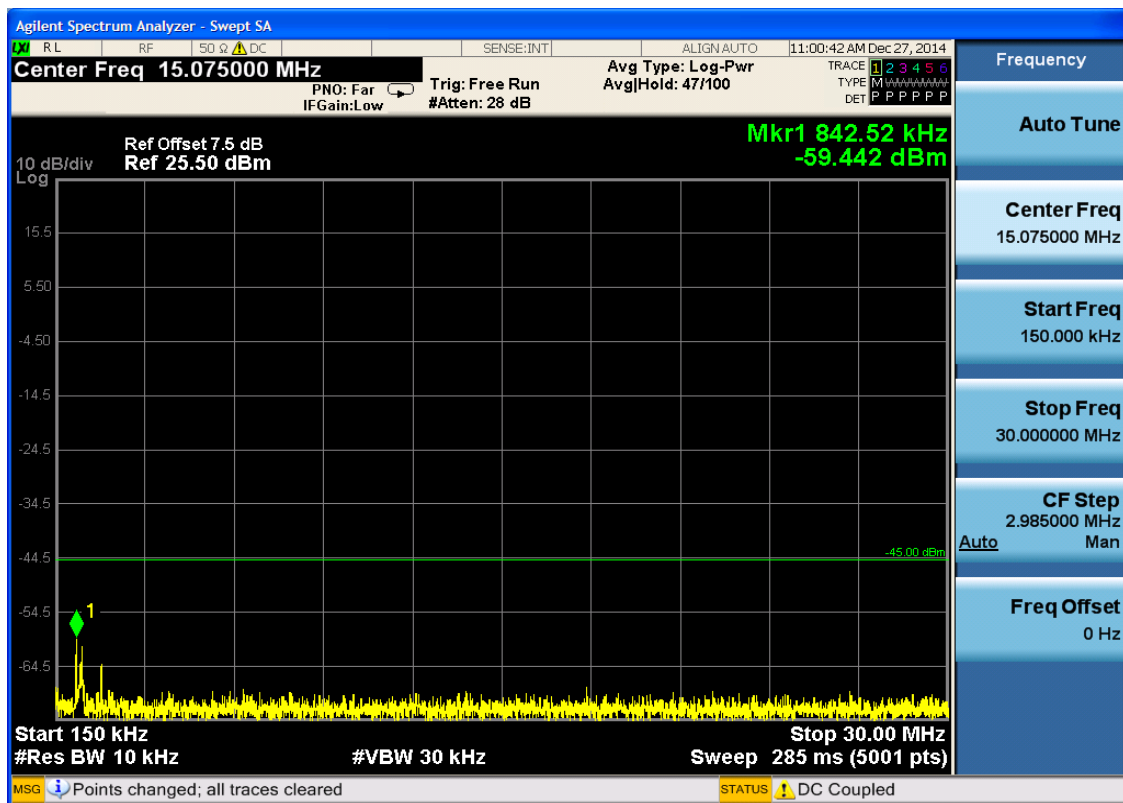


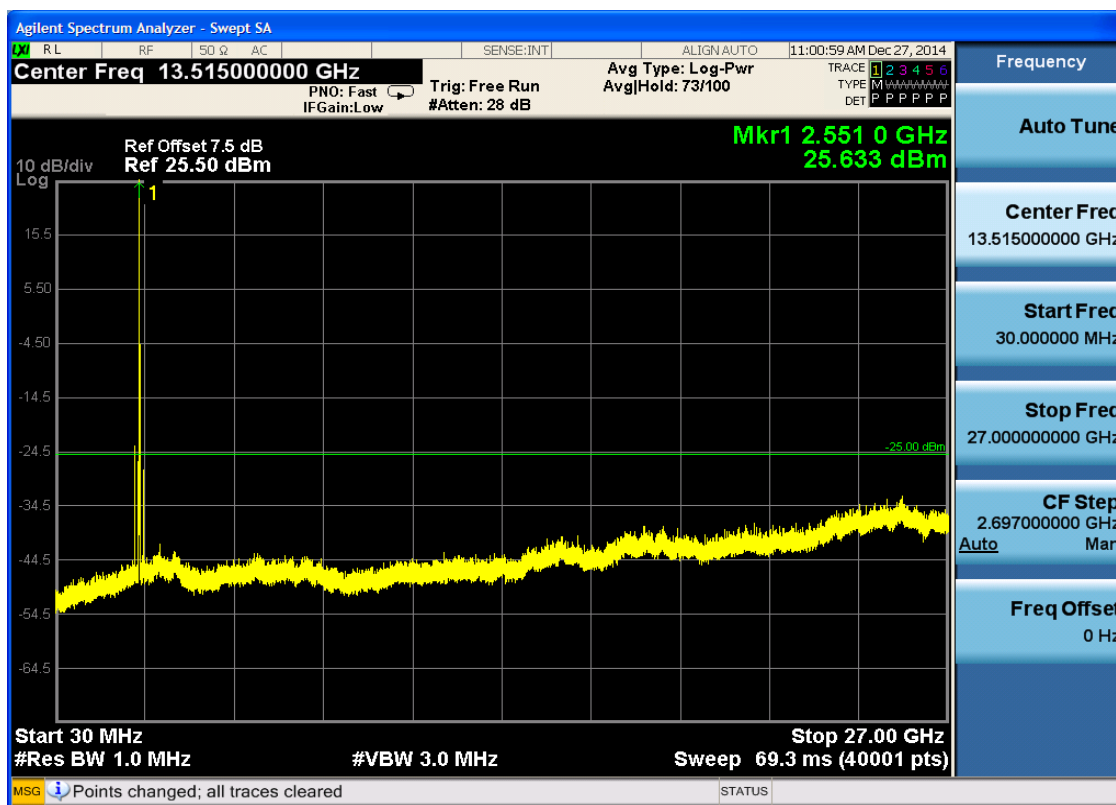


6.3.4.2.4.3 Test Channel = HCH

6.3.4.2.4.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

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

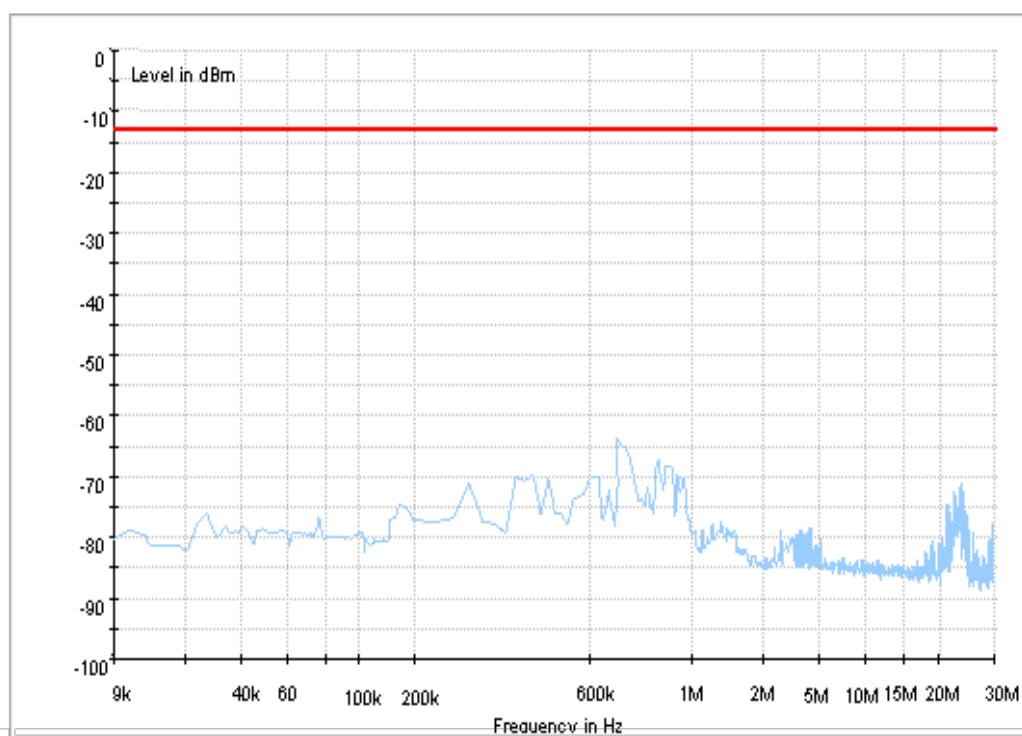
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

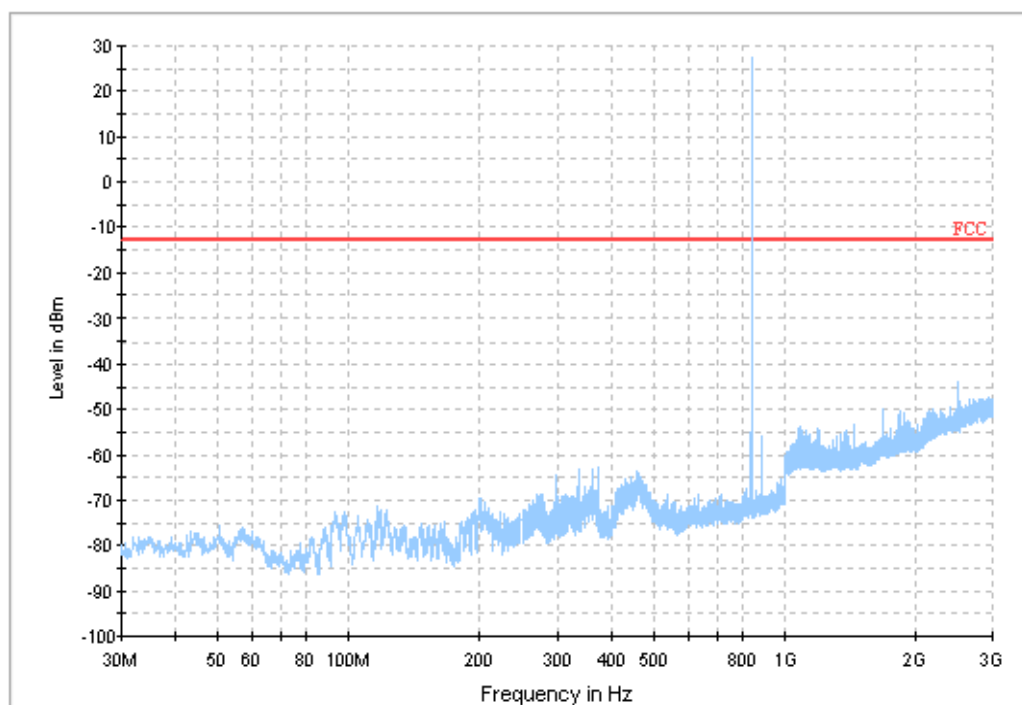
7.1 For GSM

7.1.1 Test Band = GSM850

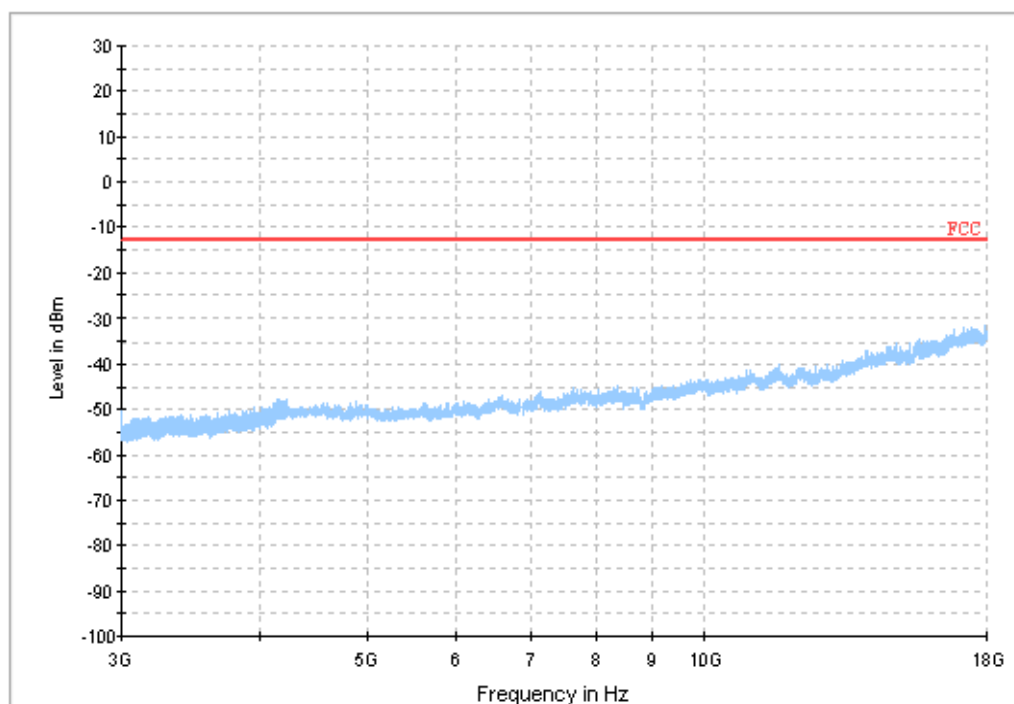
7.1.1.1 Test Mode = GSM/TM1



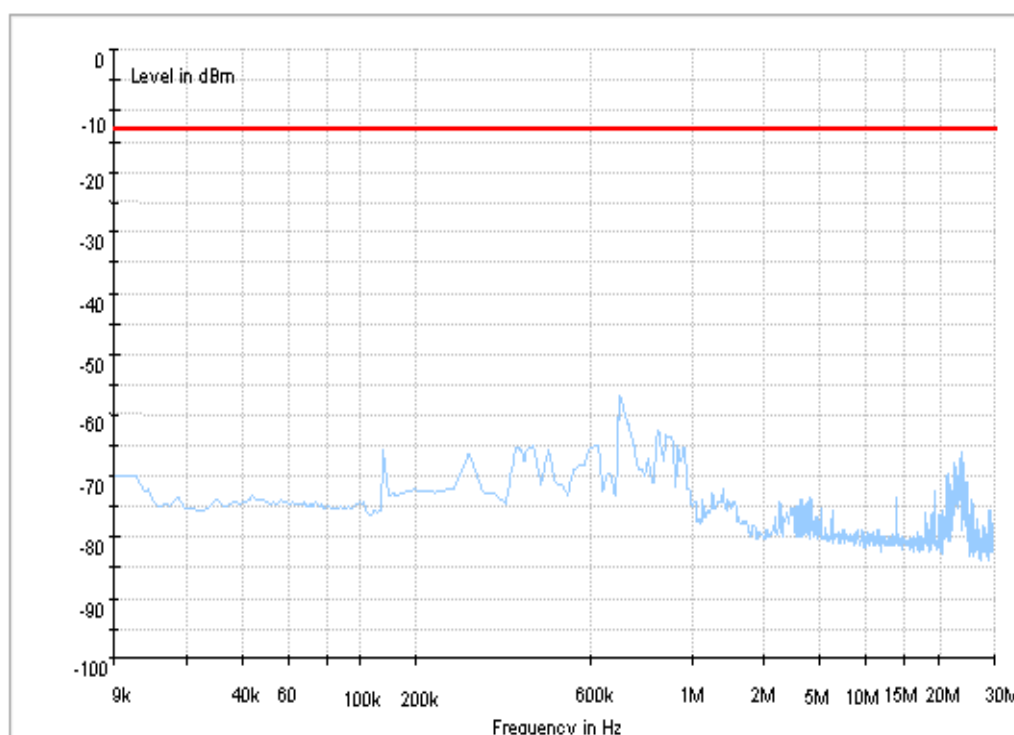
Copy of FCC PART22 GSM850_L



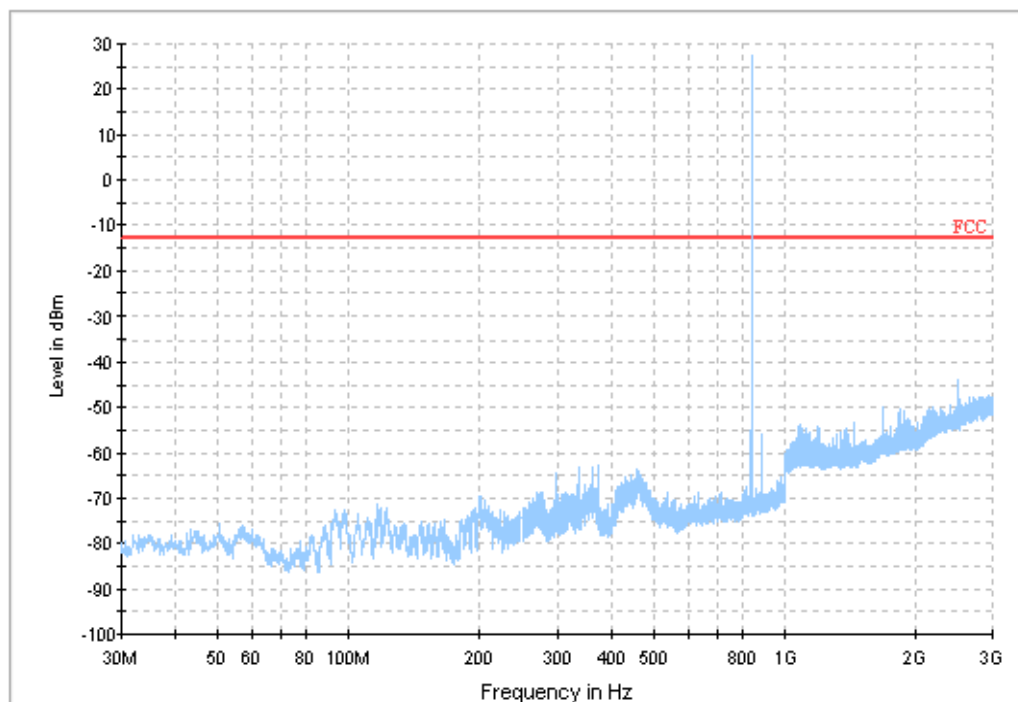
Copy of FCC PART22 GSM850_H



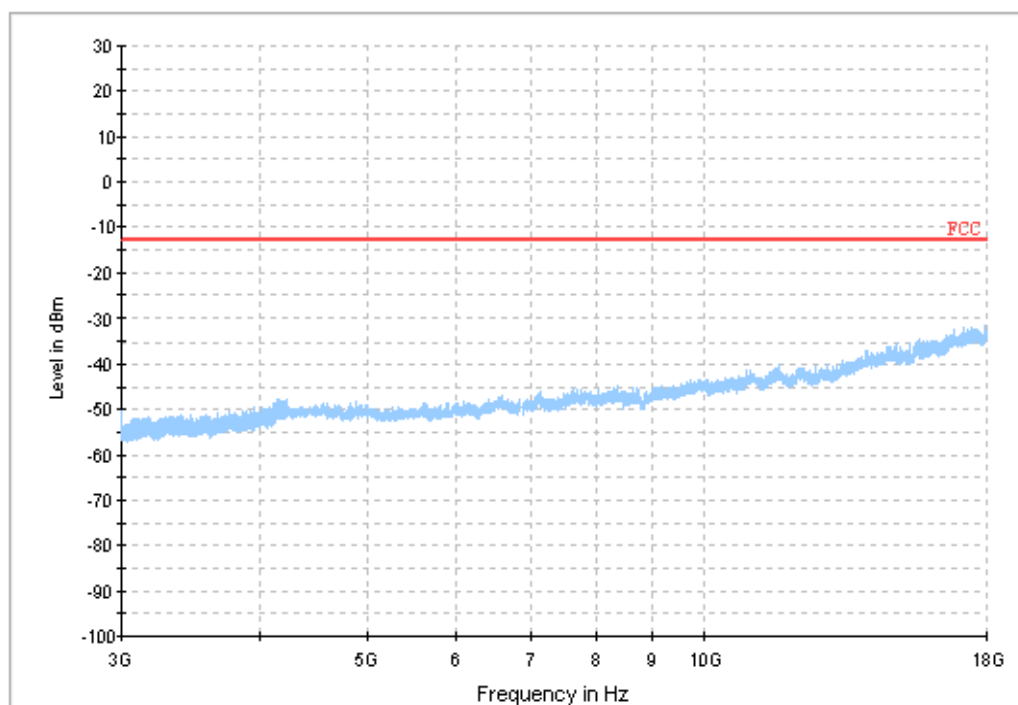
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

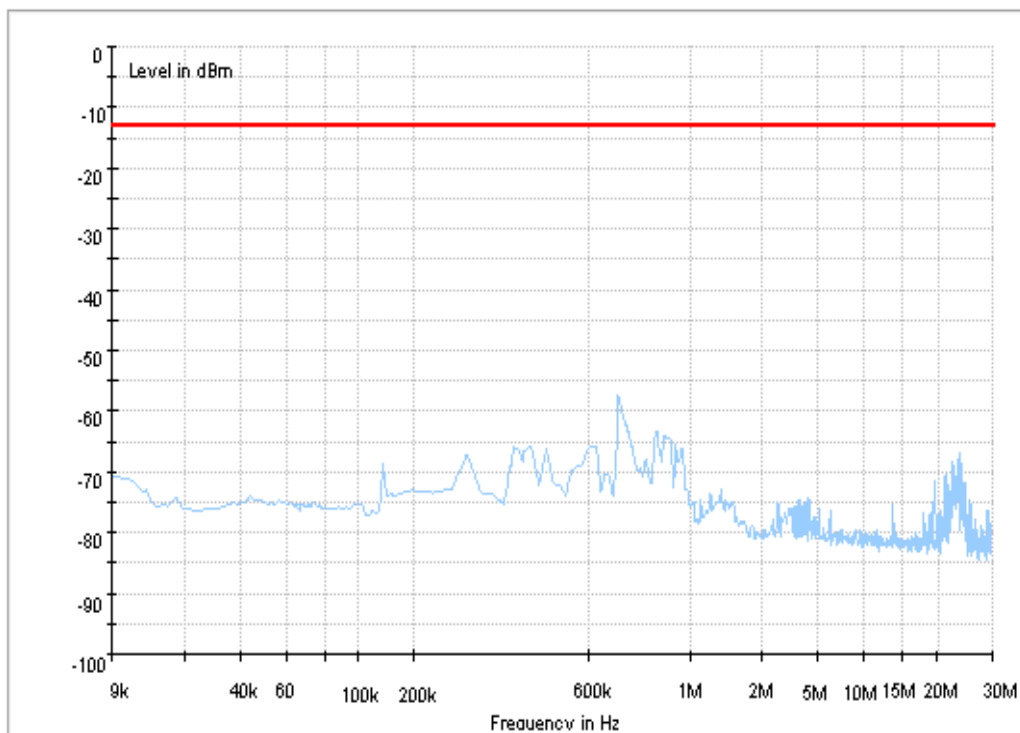


Copy of FCC PART22 GSM850_H

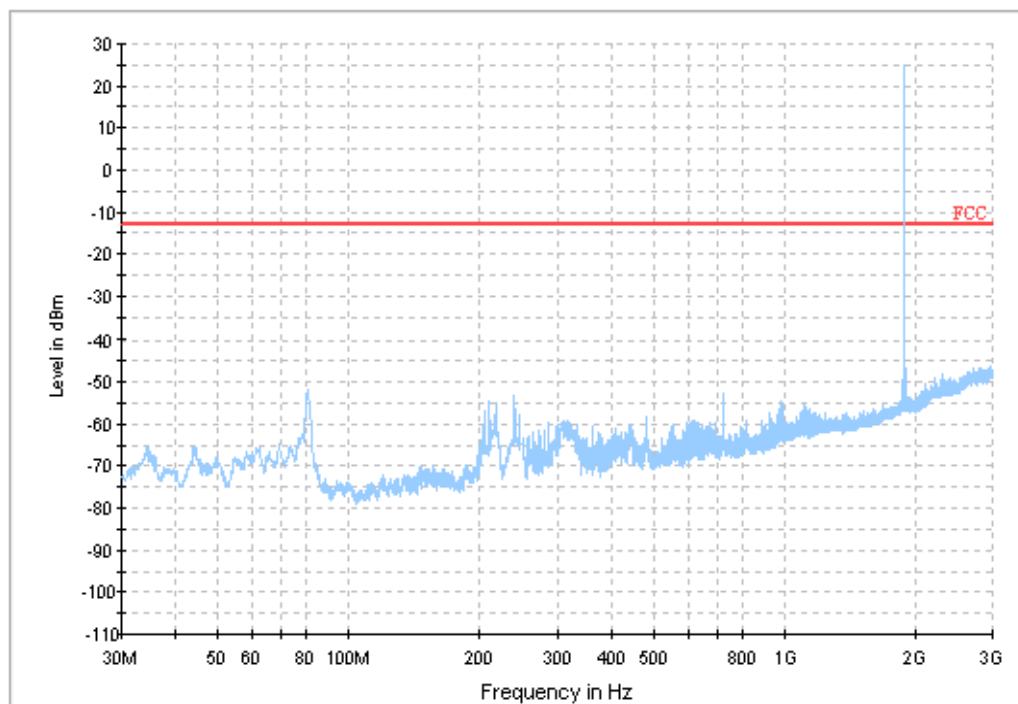


7.1.2 Test Band = GSM1900

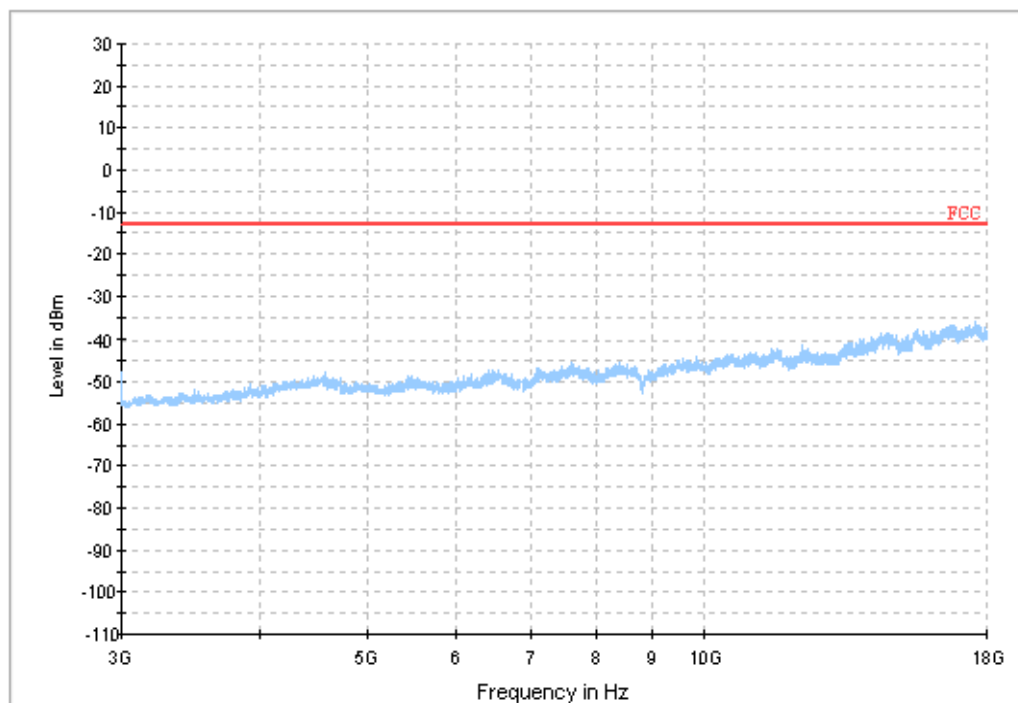
7.1.2.1 Test Mode = GSM/TM1

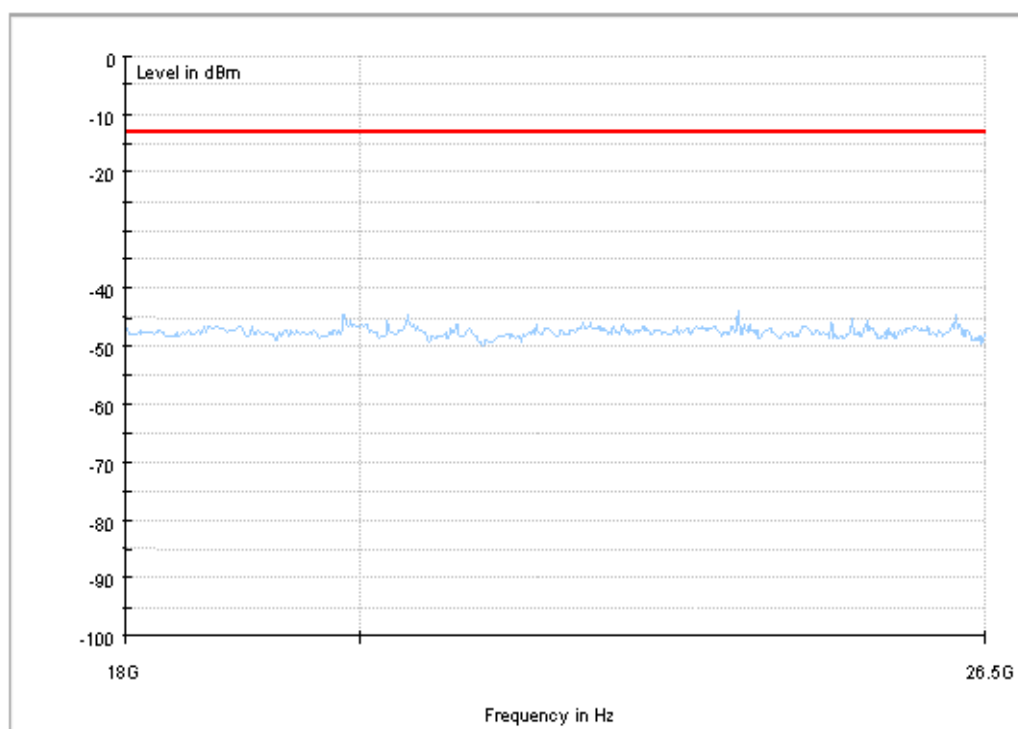


Copy of FCC PART24 GSM1900_L

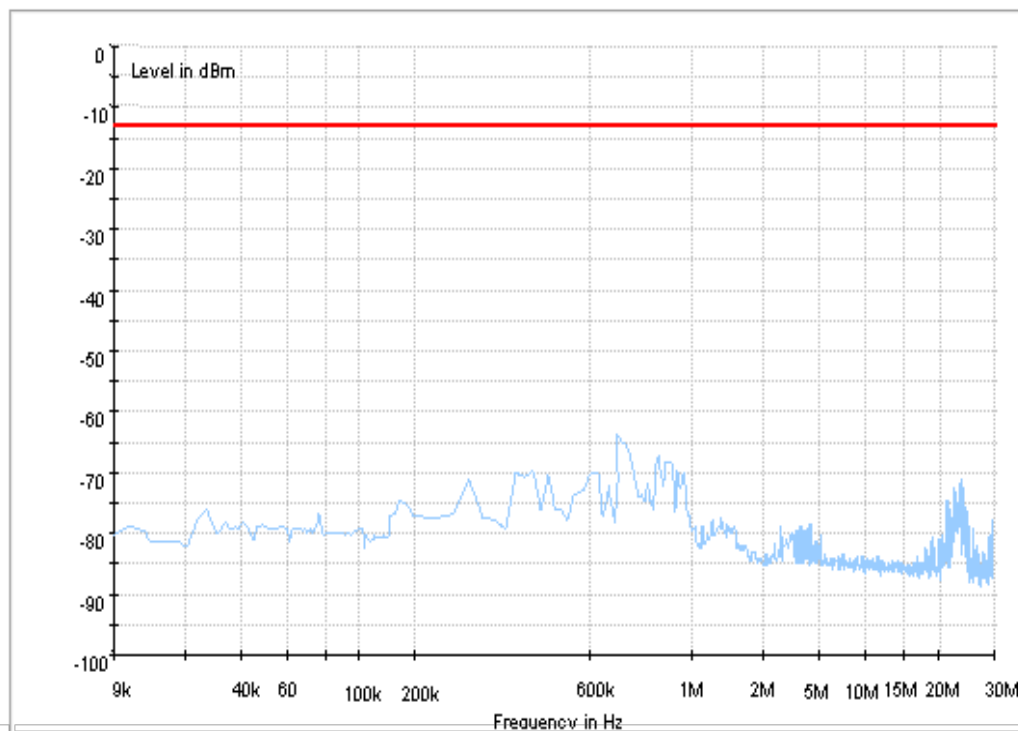


Copy of FCC PART24 GSM1900_H

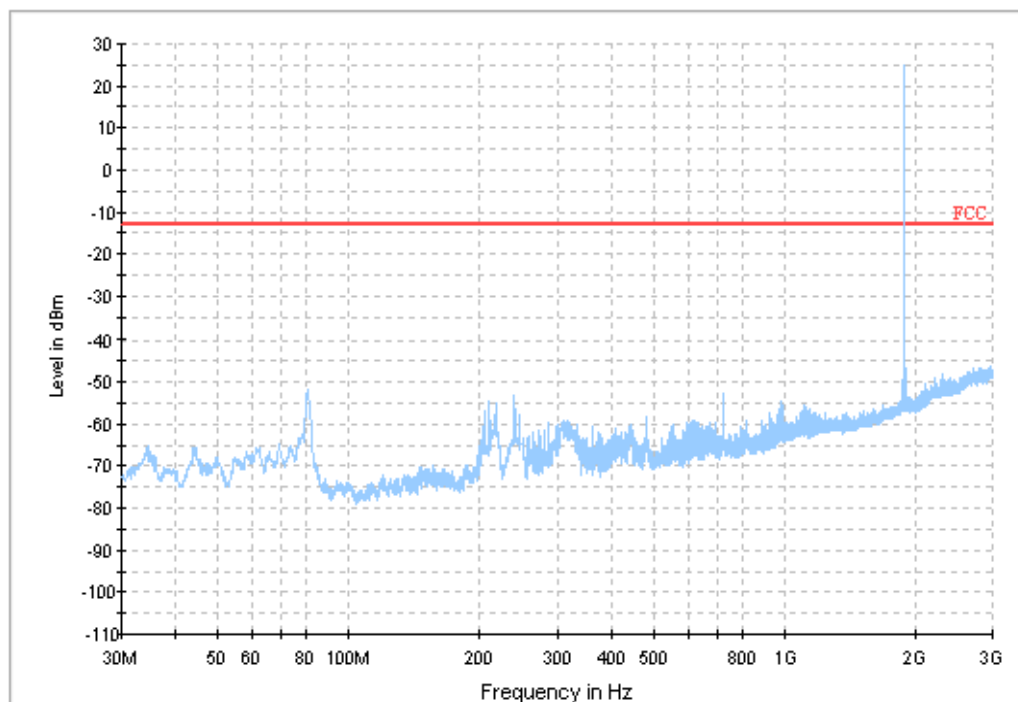




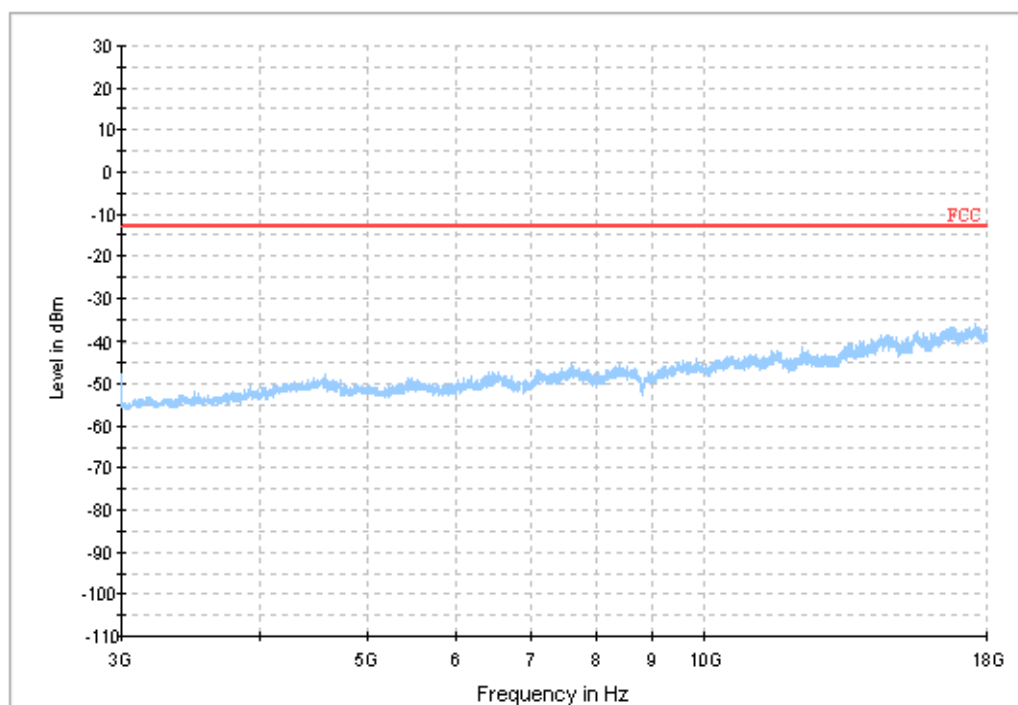
7.1.2.2 Test Mode = GSM/TM2

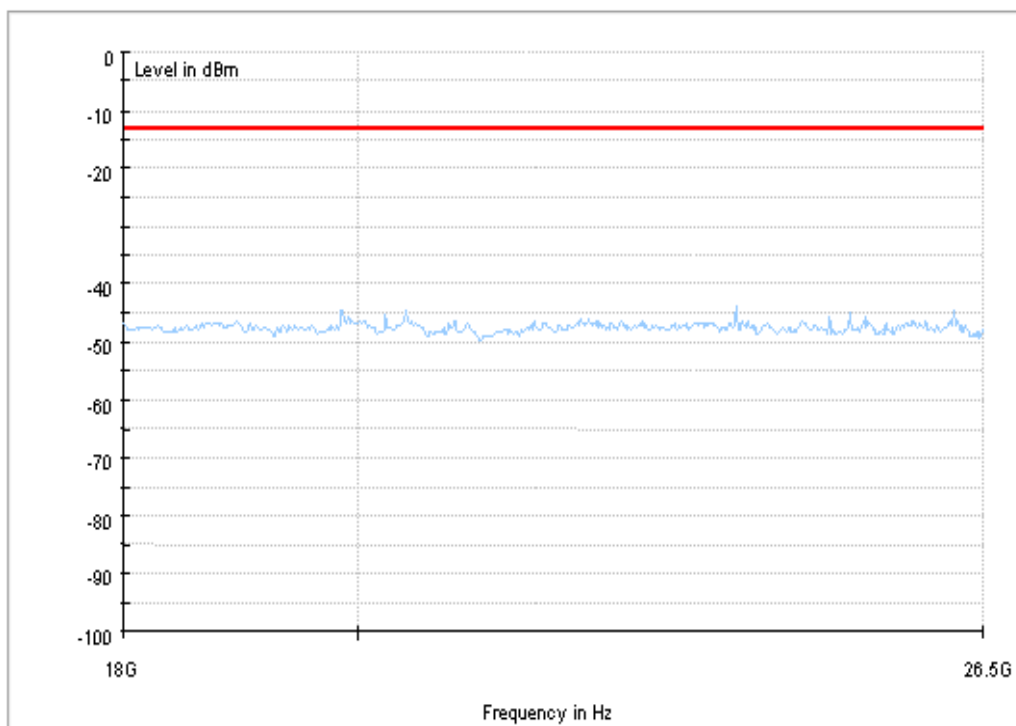


Copy of FCC PART24 GSM1900_L



Copy of FCC PART24 GSM1900_H

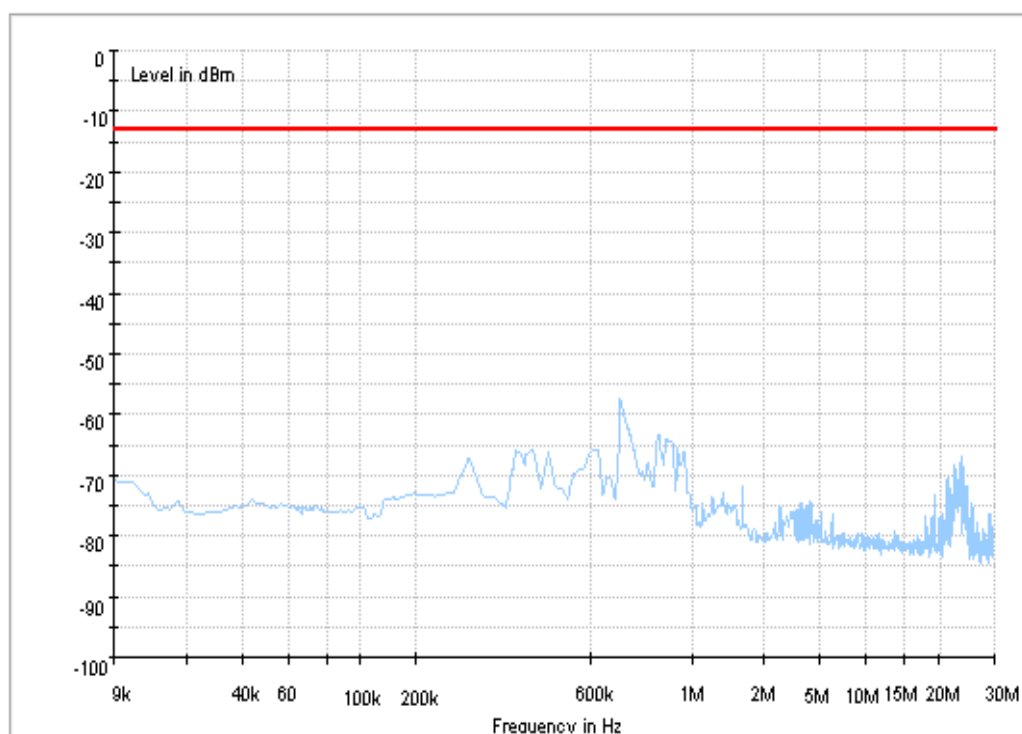




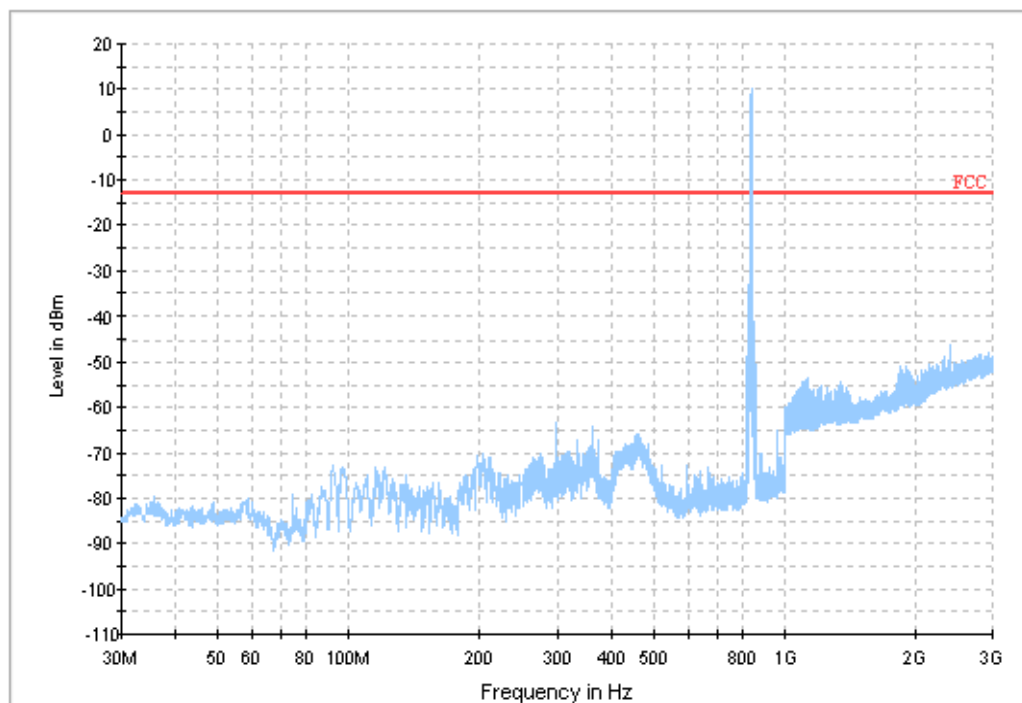
7.2 For UMTS

7.2.1 Test Band = WCDMA850

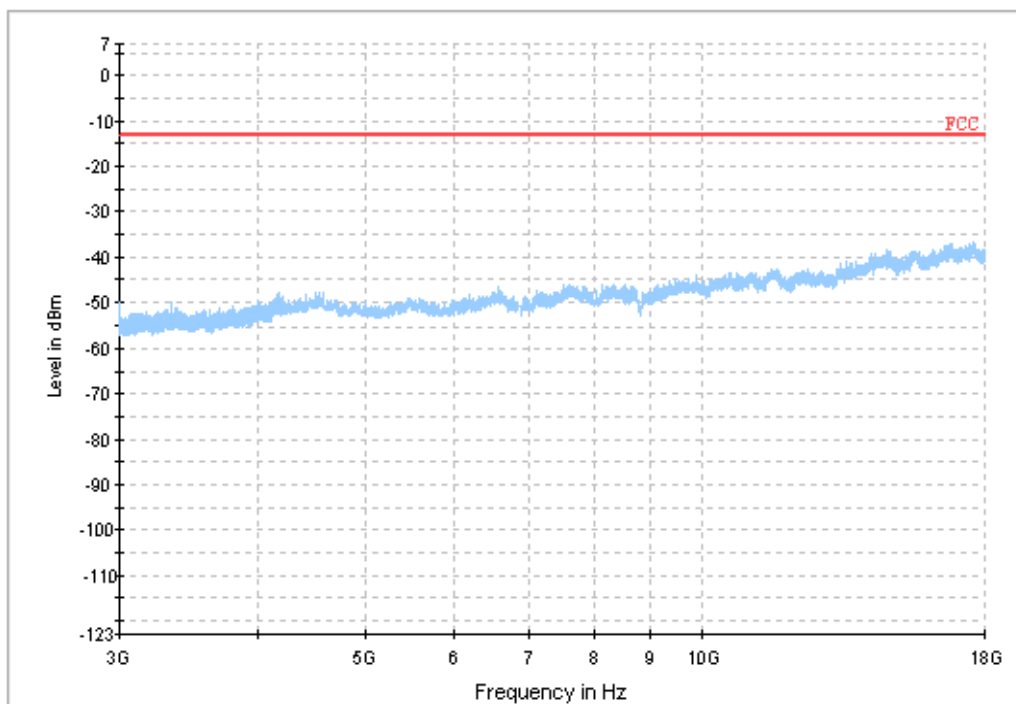
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

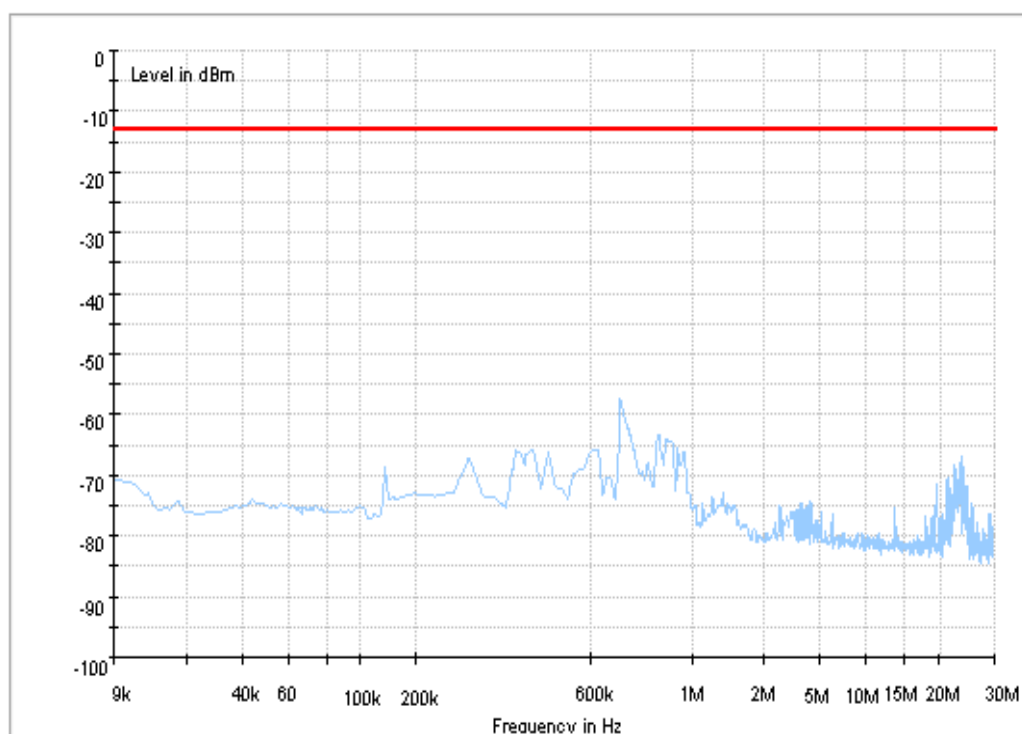


Copy of FCC PART22 WCDMA850_H

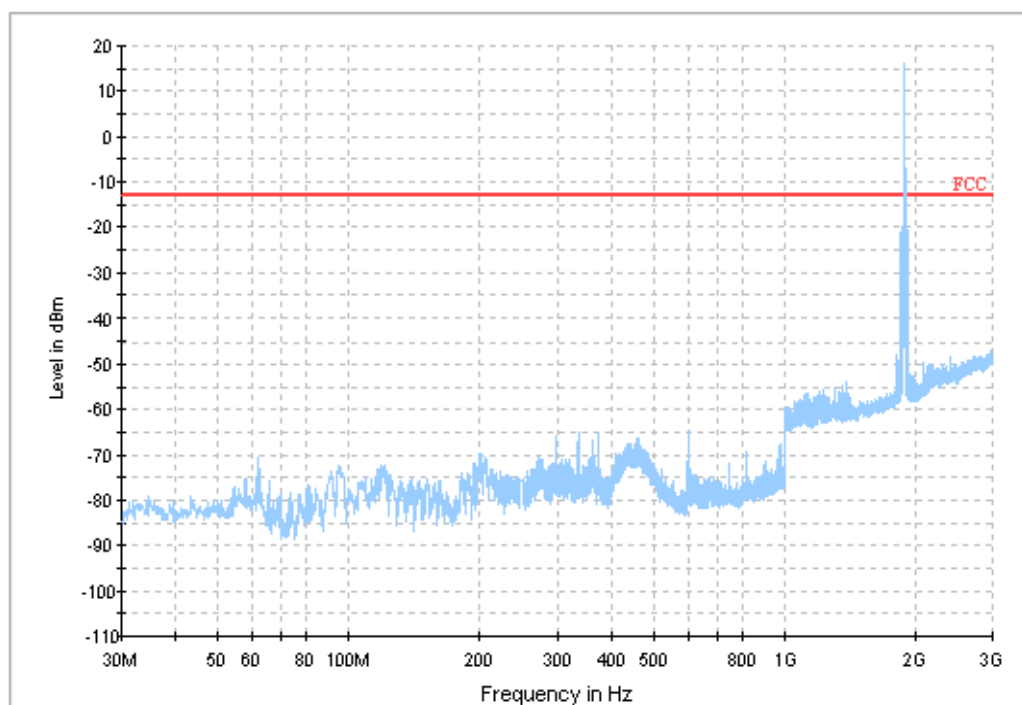


7.2.2 Test Band = WCDMA1900

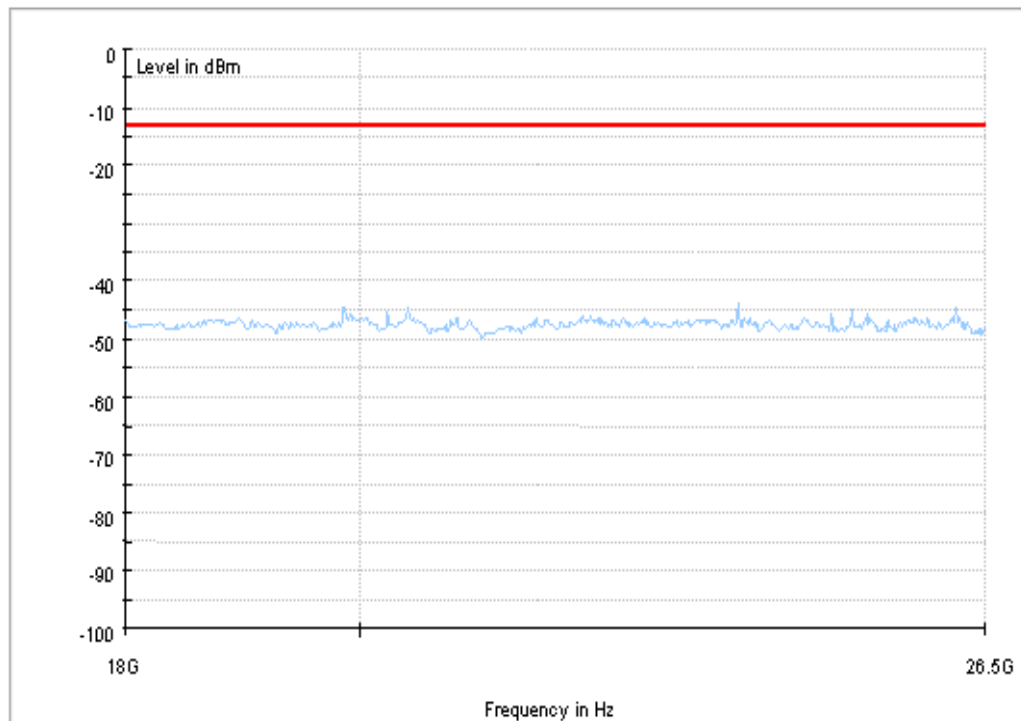
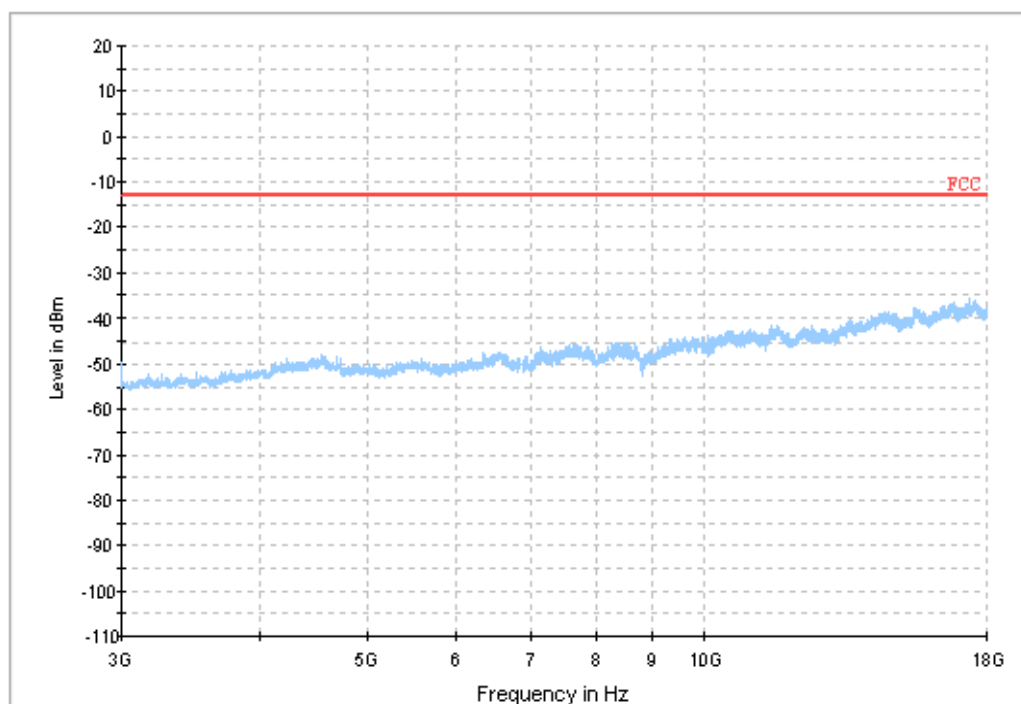
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L

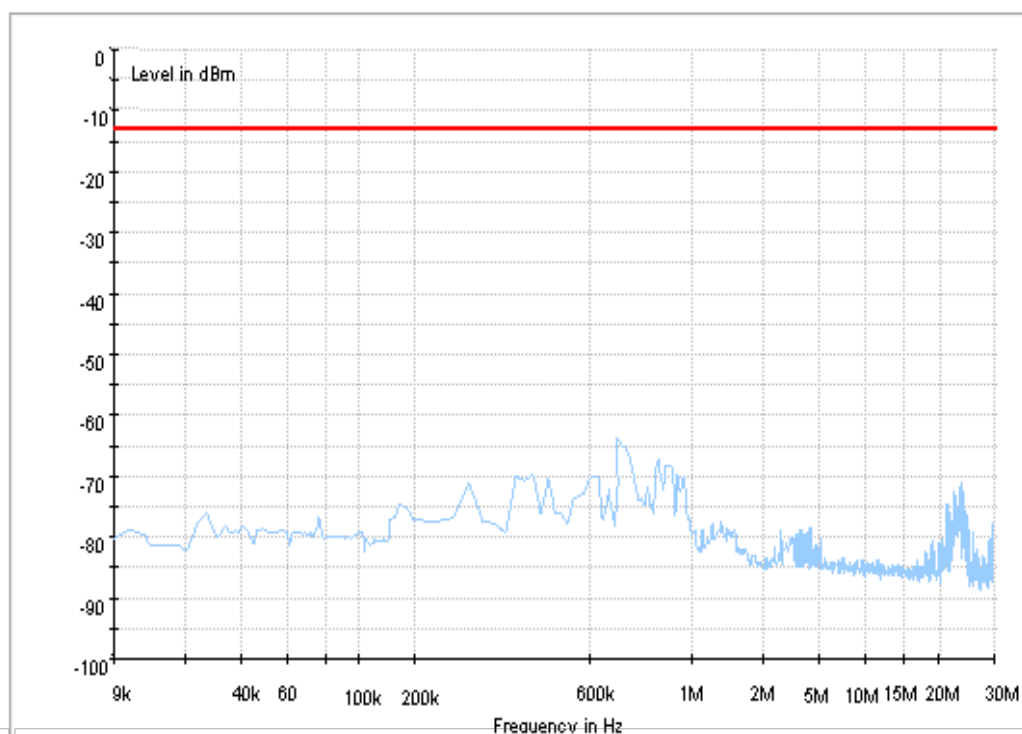


Copy of FCC PART24 WCDMA1900_H

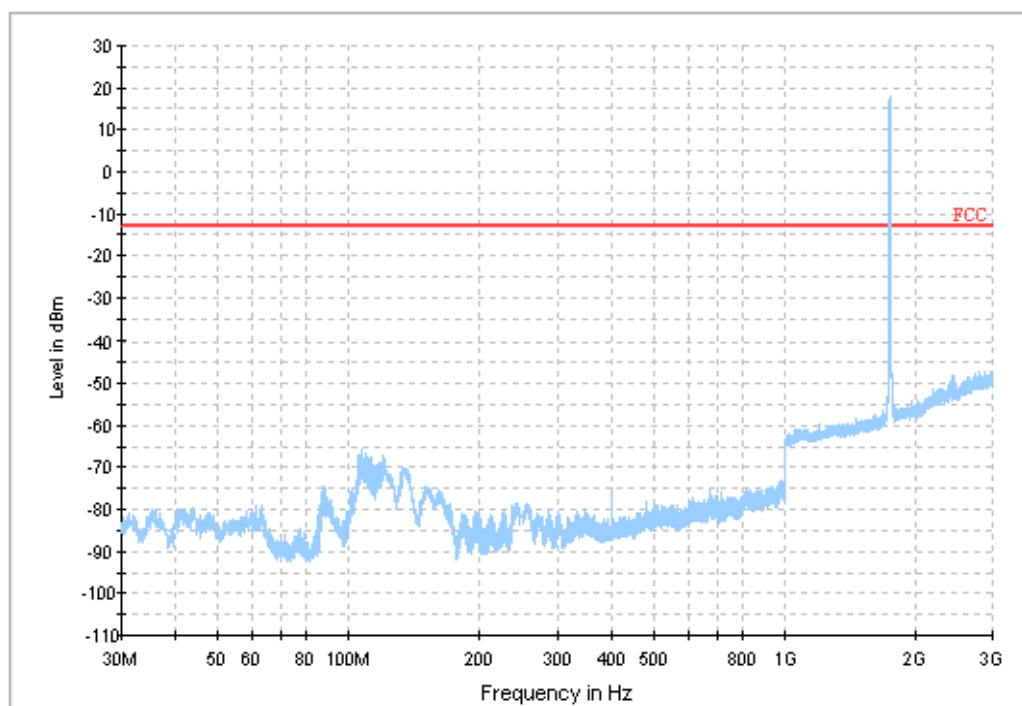


7.2.3 Test Band = WCDMA1700

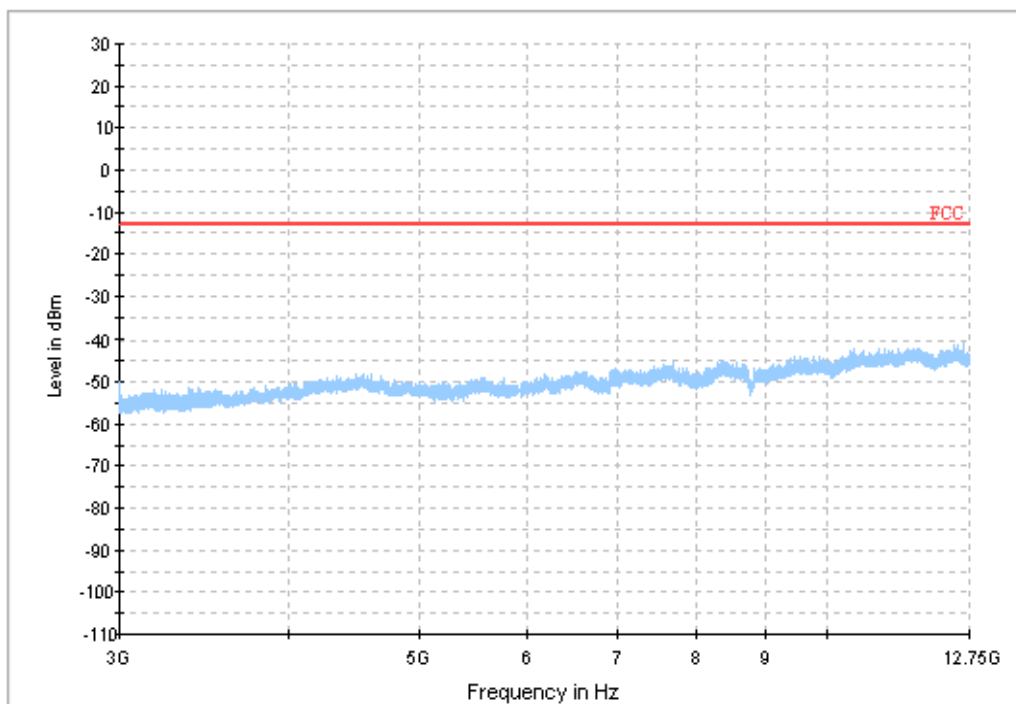
7.2.3.1 Test Mode = UMTS/TM1



Copy of RSE - TX - UMTS BAND IV_L



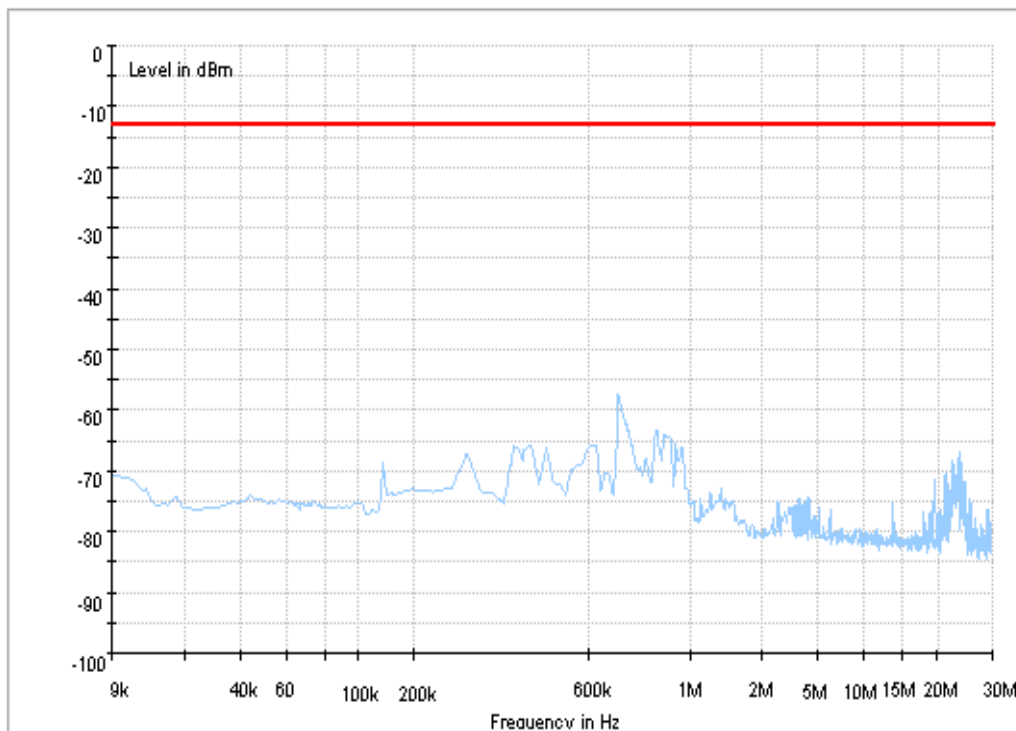
Copy of RSE - TX - UMTS BAND IV_H



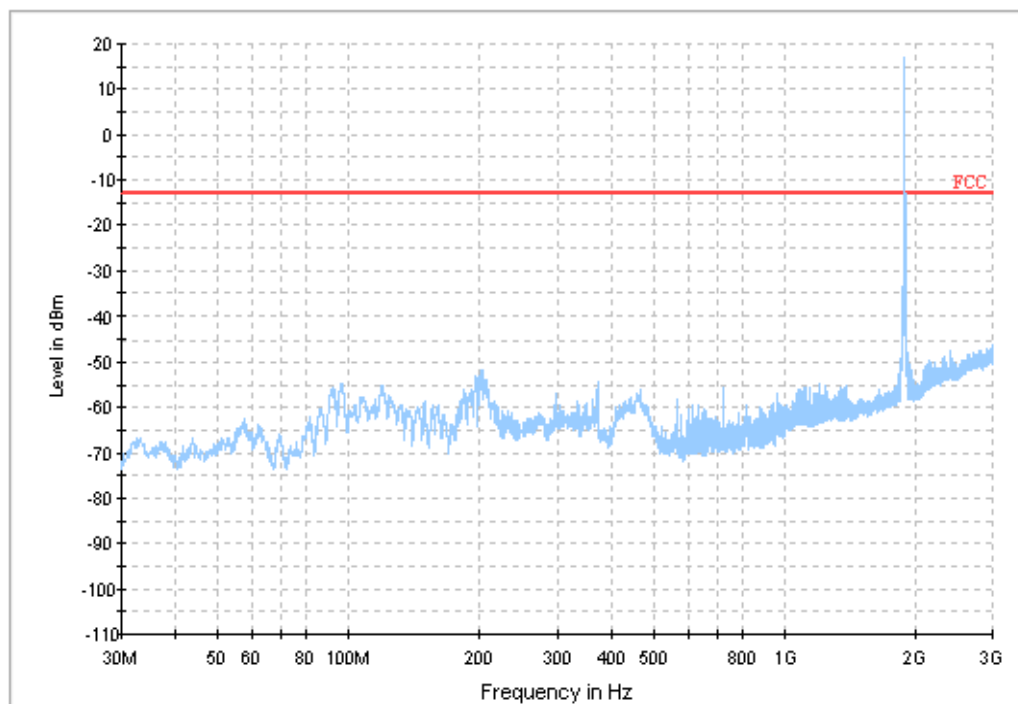
7.3 For LTE

7.3.1 Test Band = BAND2

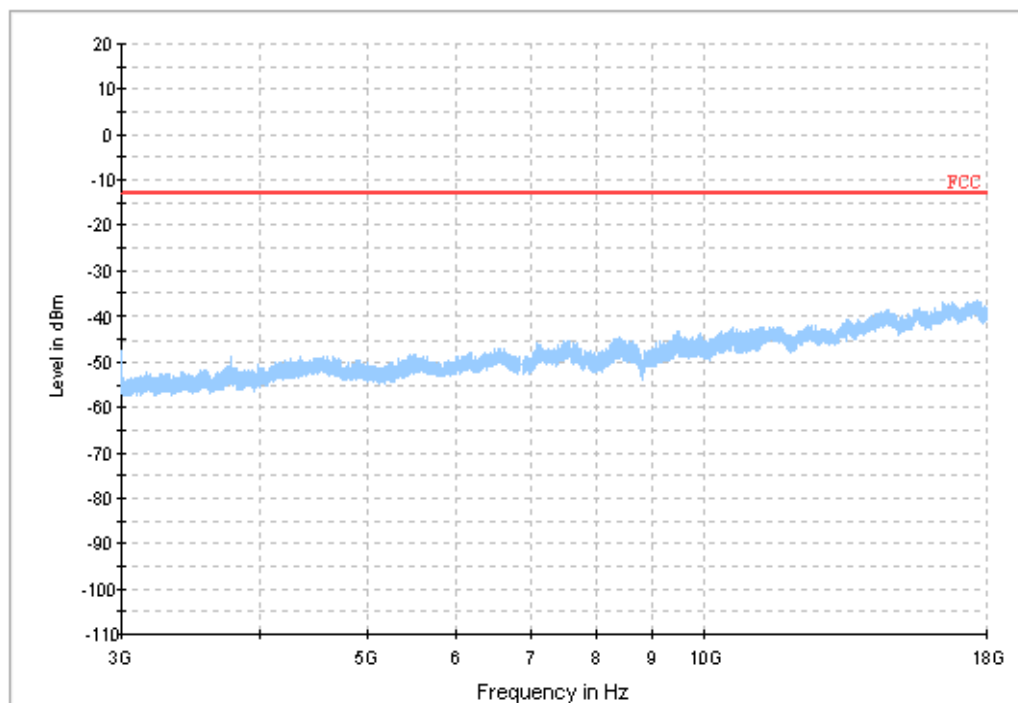
7.3.1.1 Test Bandwidth = 5

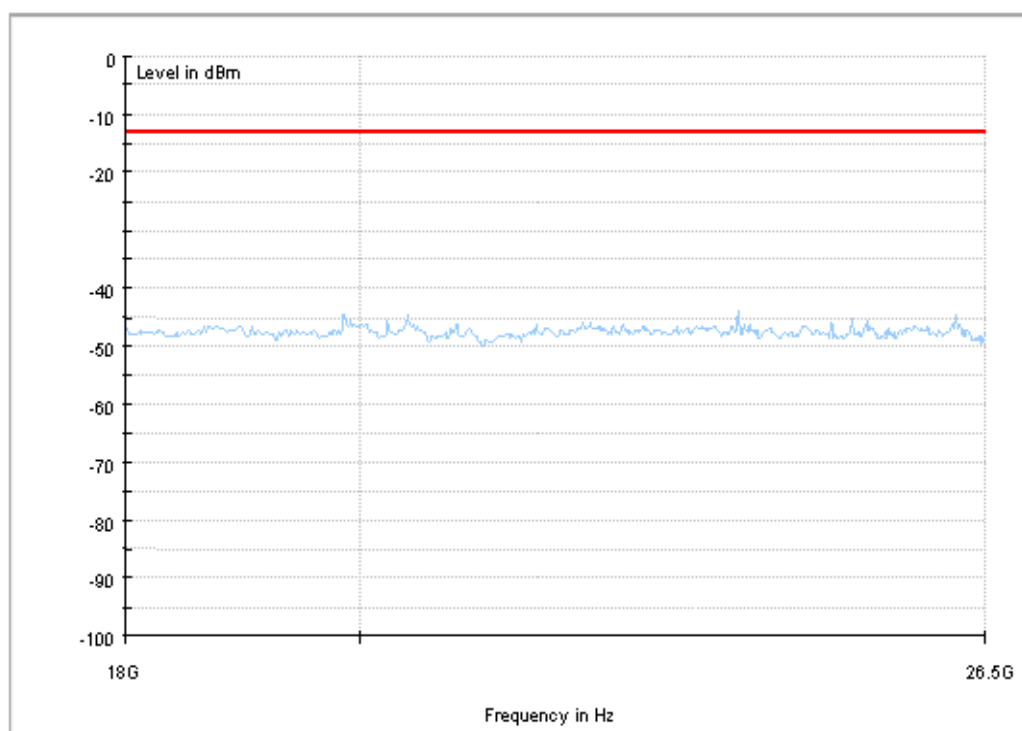


Copy of FCC PART24 LTE Band 2_L

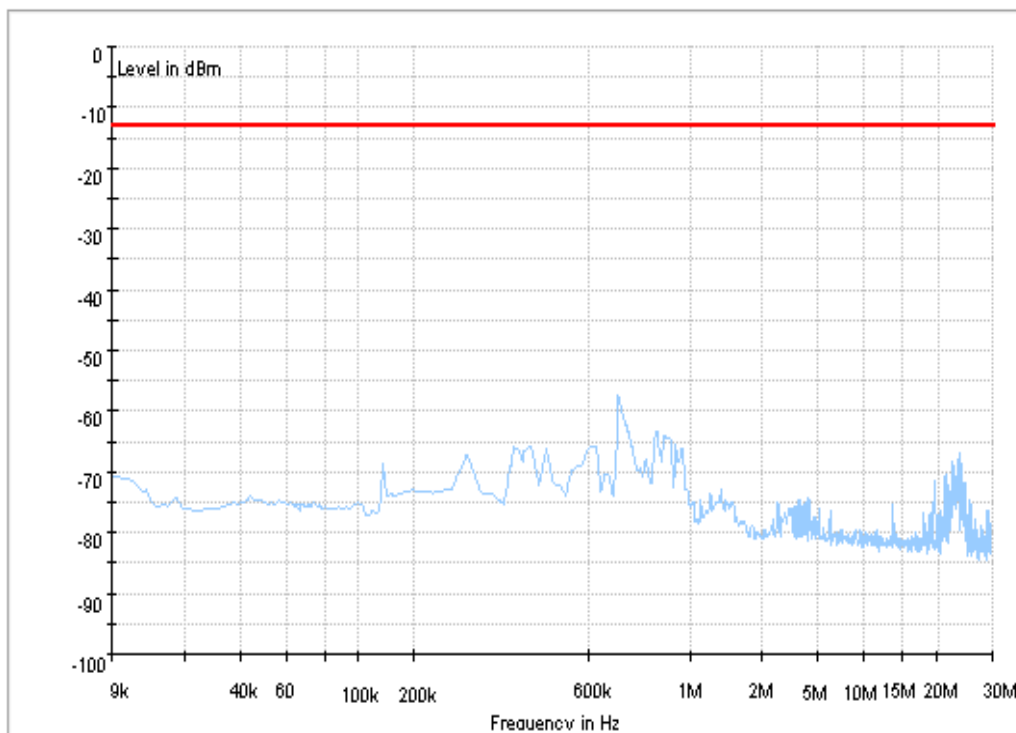


Copy of FCC PART24 LTE Band 2_H

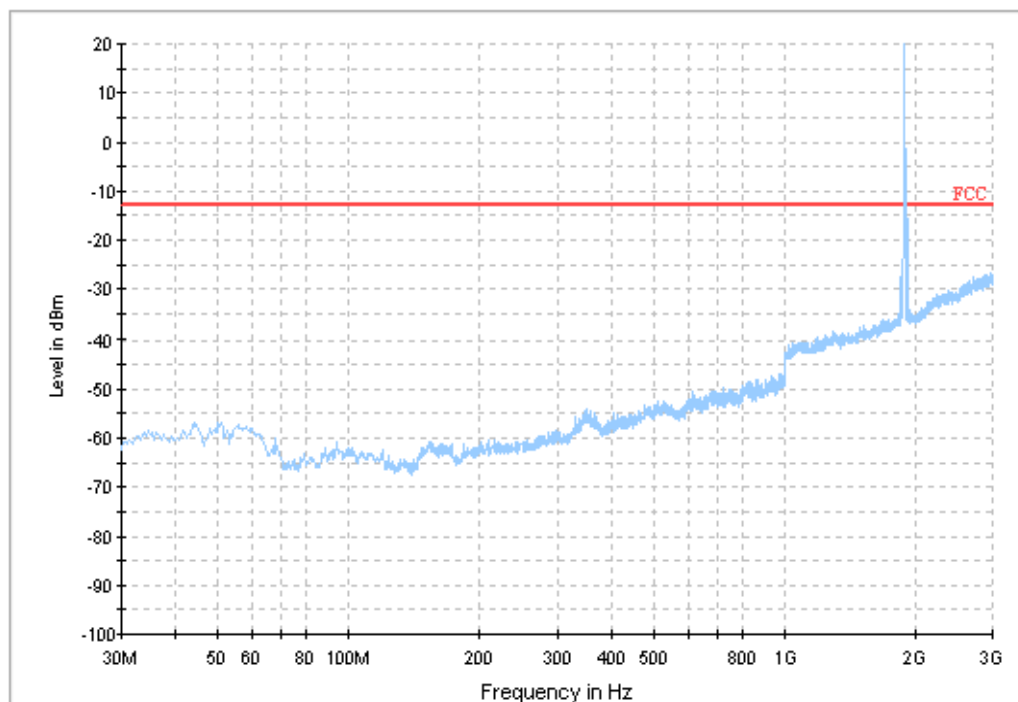




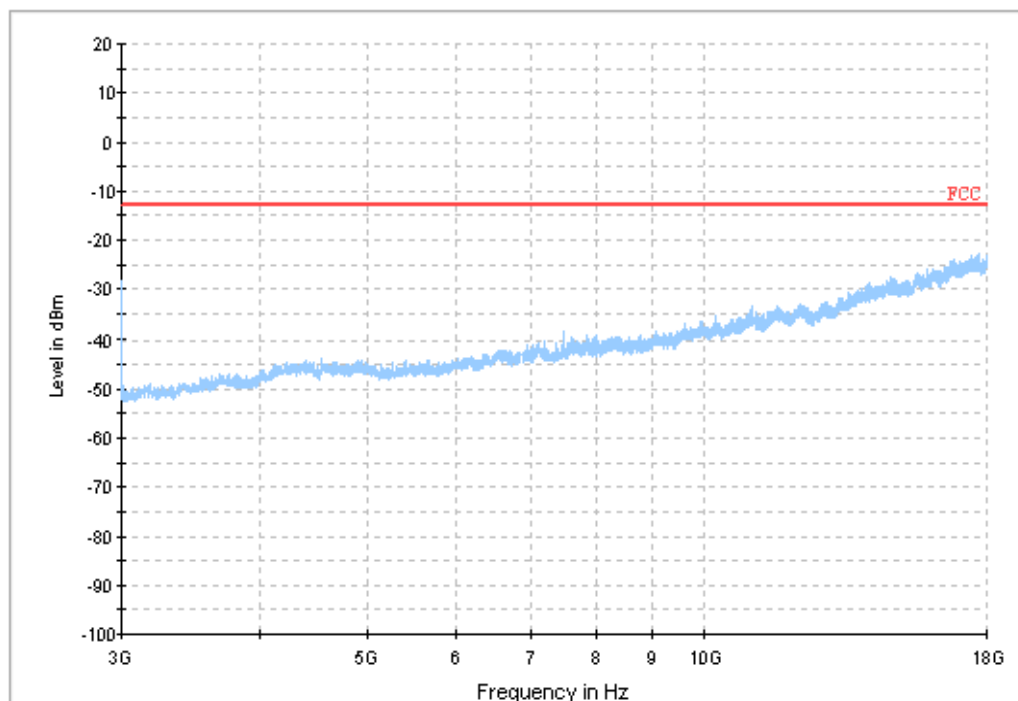
7.3.1.2 Test Bandwidth = 20

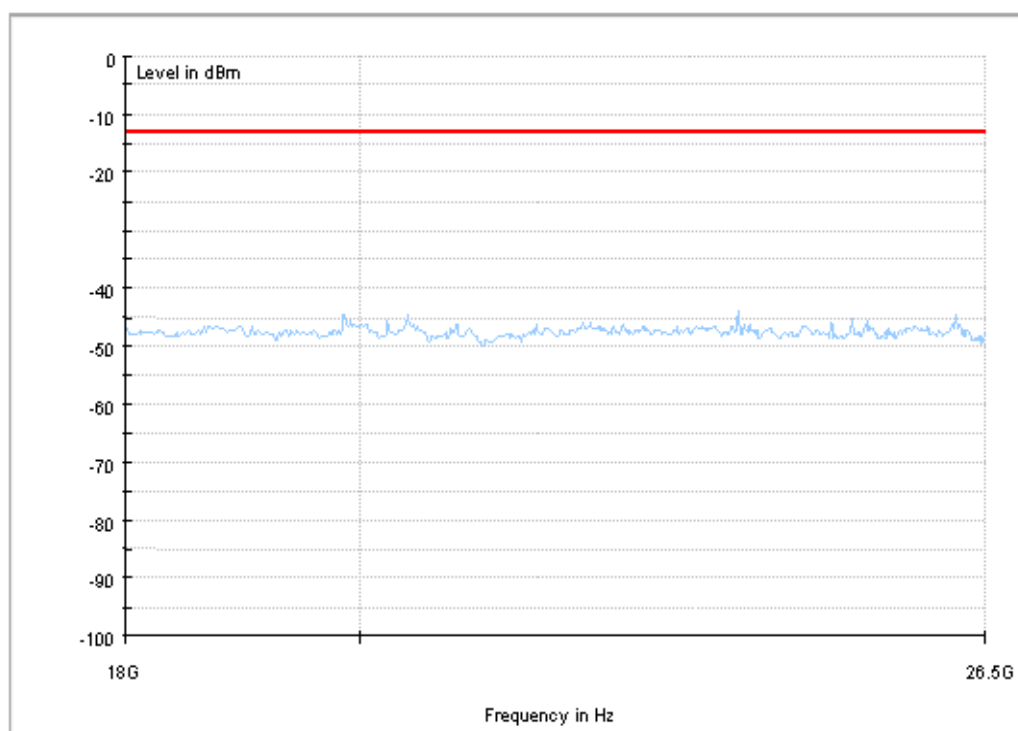


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



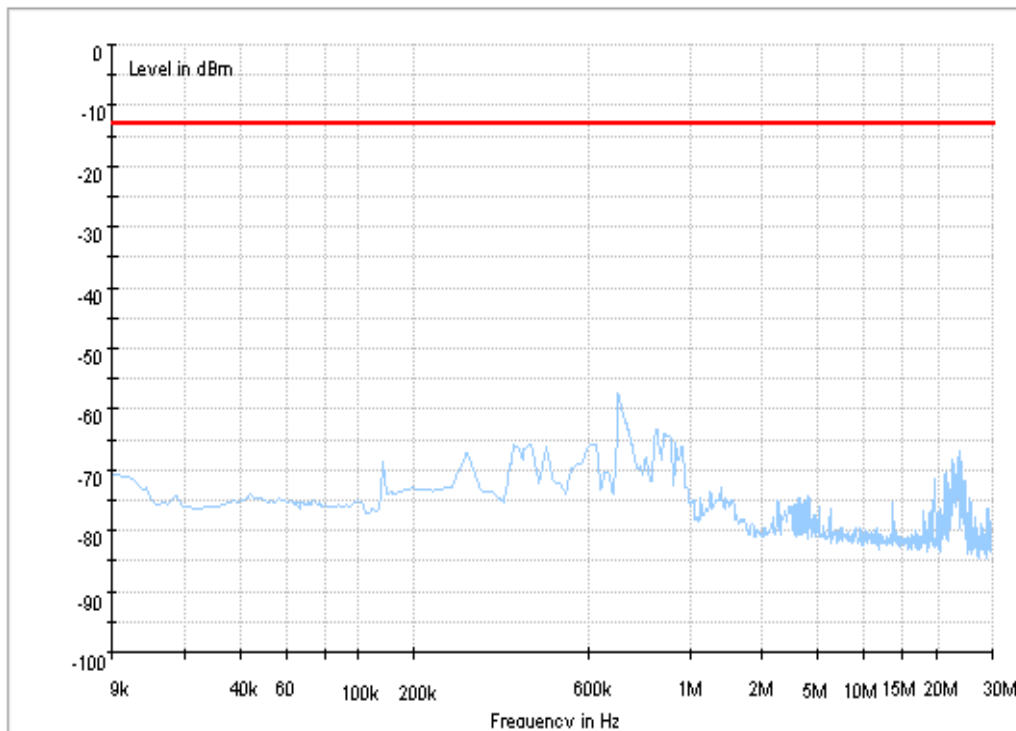
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



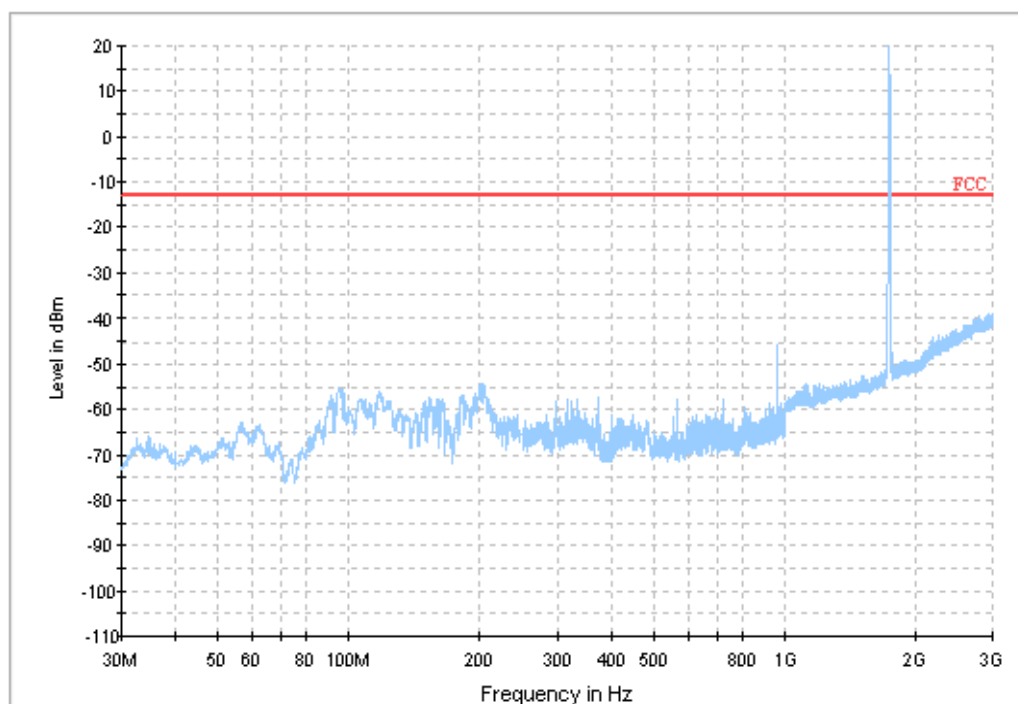


7.3.2 Test Band = BAND4

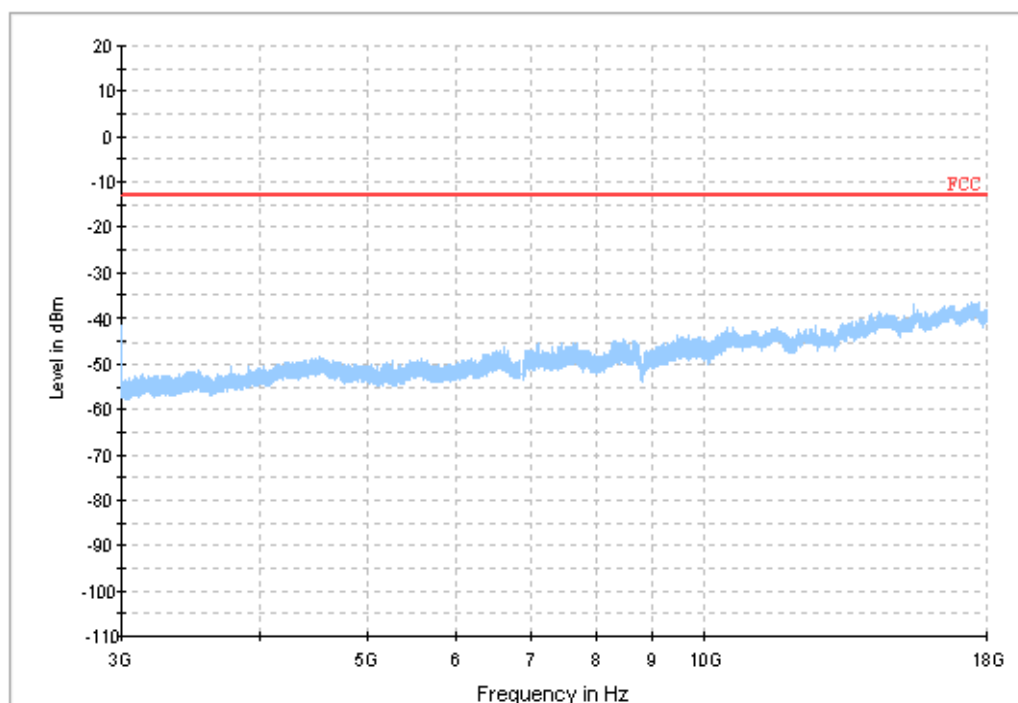
7.3.2.1 Test Bandwidth = 5



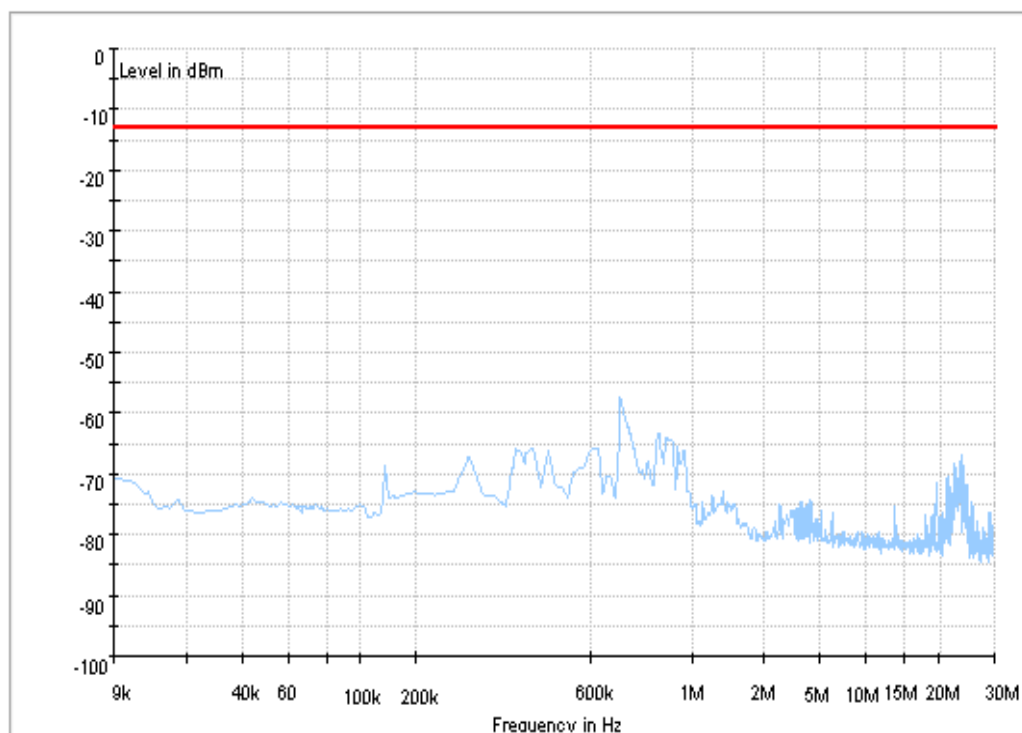
Copy of FCC PART27 LTE Band 4_L



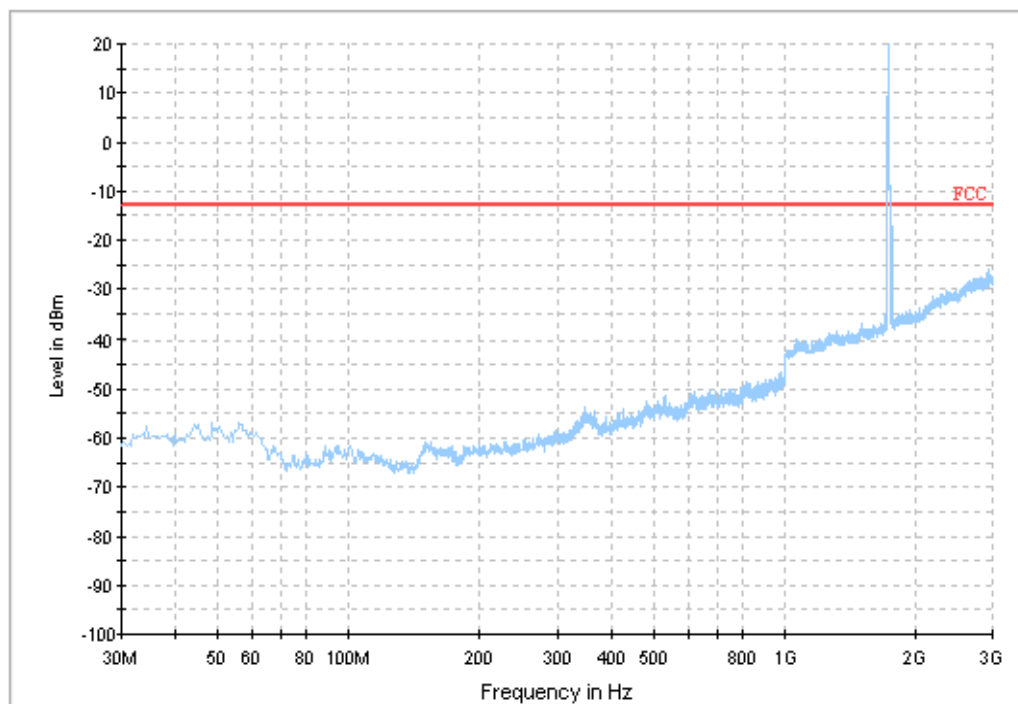
Copy of FCC PART27 LTE Band 4_H



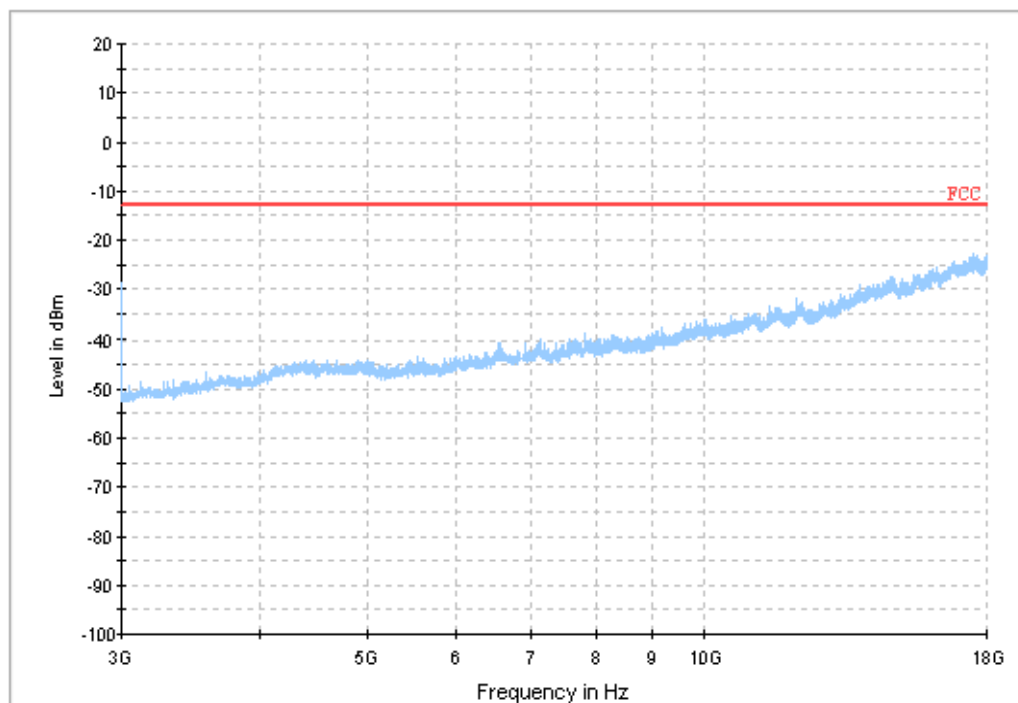
7.3.2.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

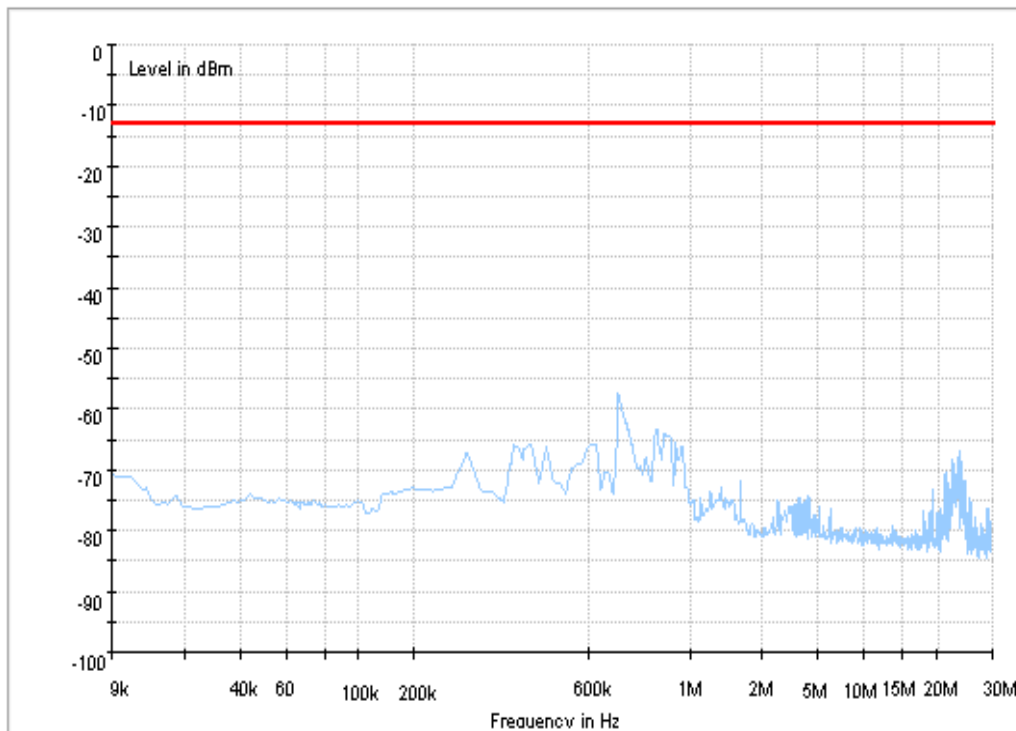


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

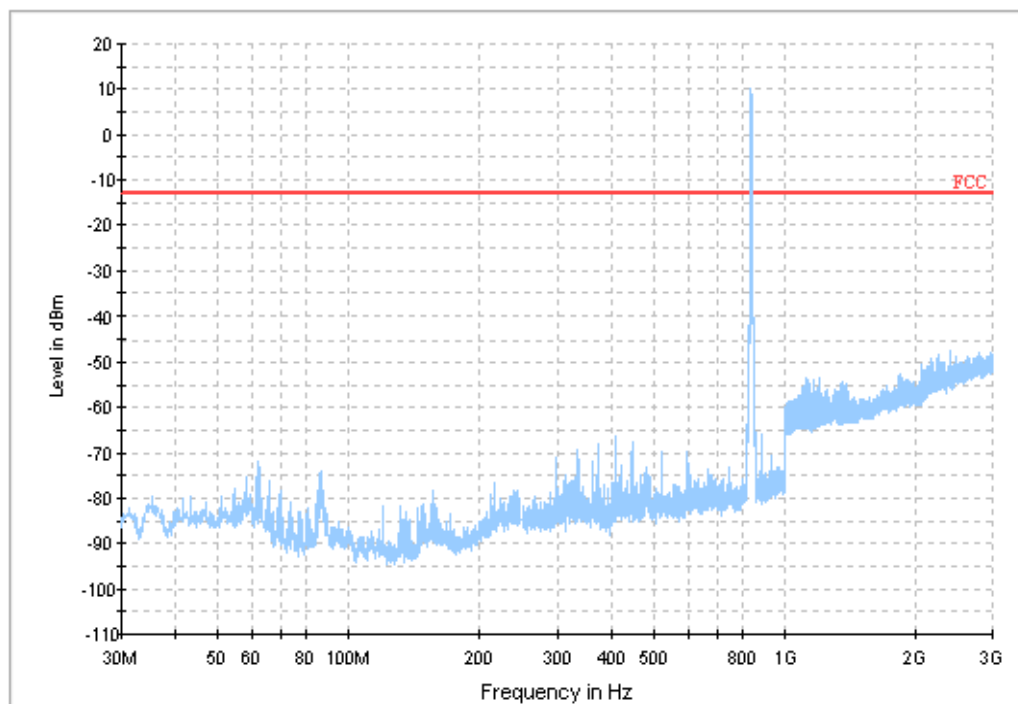


7.3.3 Test Band = BAND5

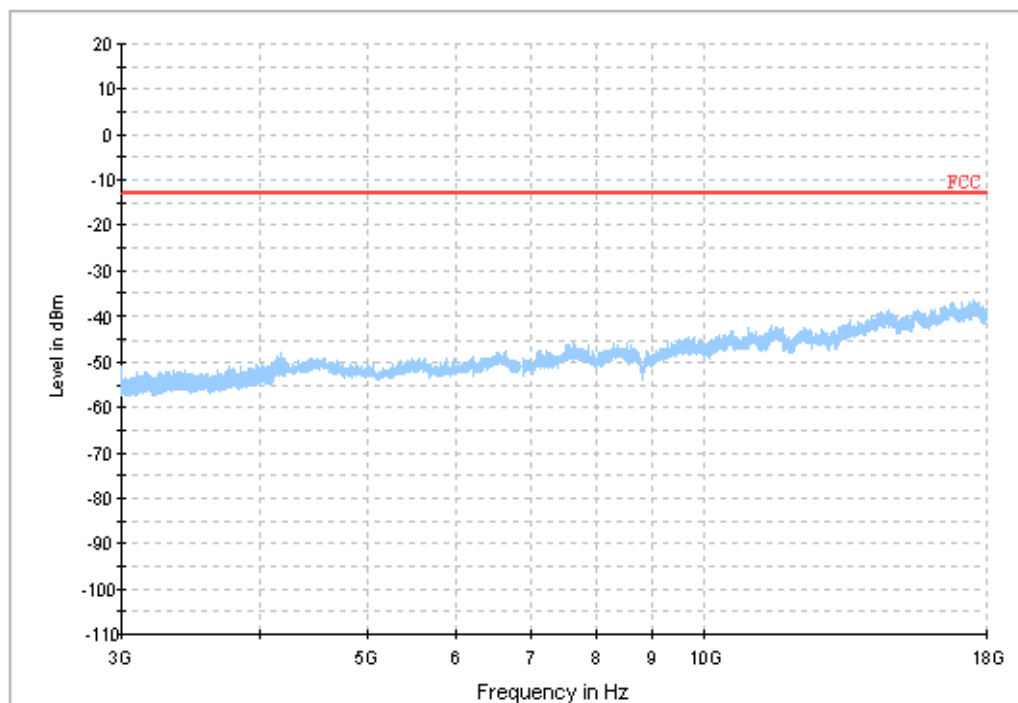
7.3.3.1 Test Bandwidth = 5



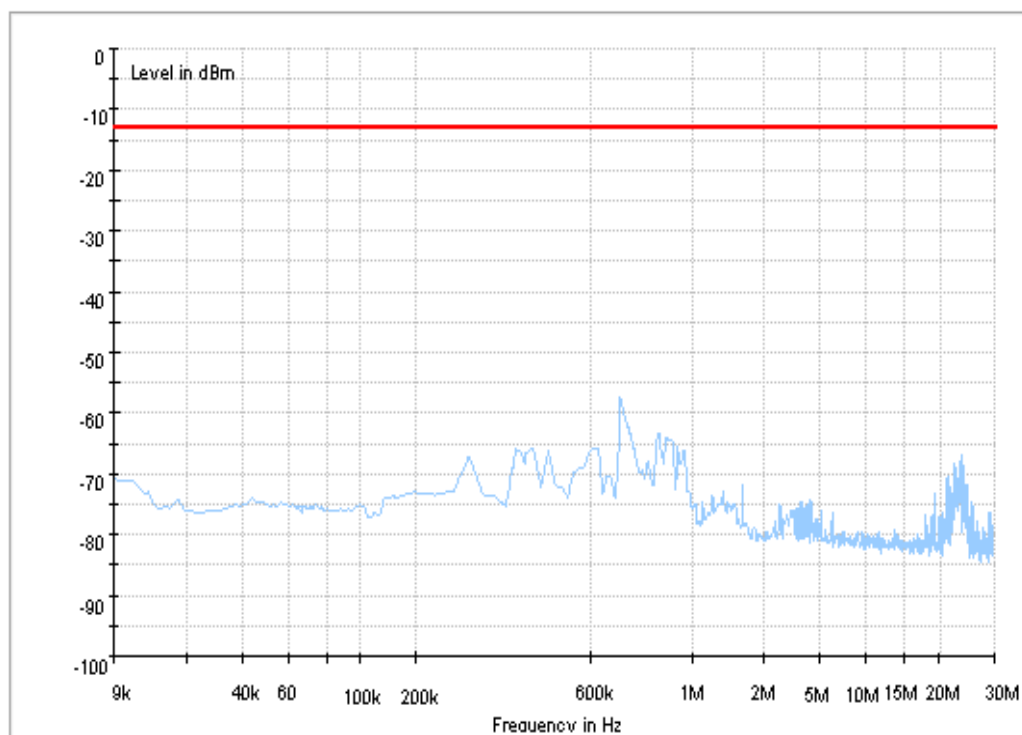
Copy of FCC PART22 LTE Band 5_L



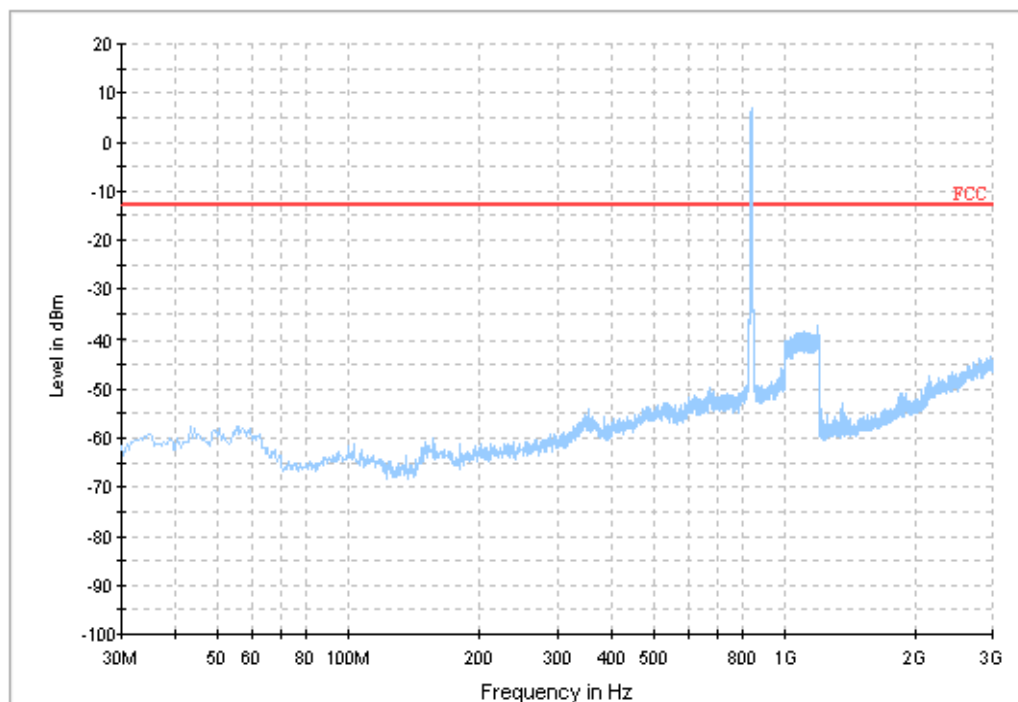
Copy of FCC PART22 LTE Band 5_H



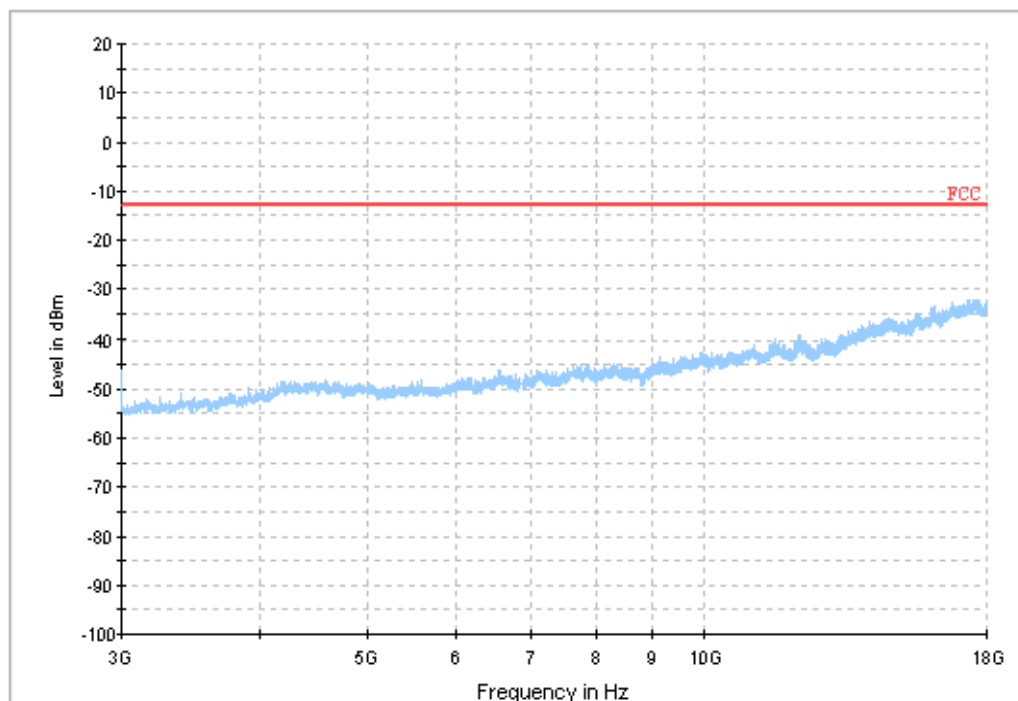
7.3.3.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

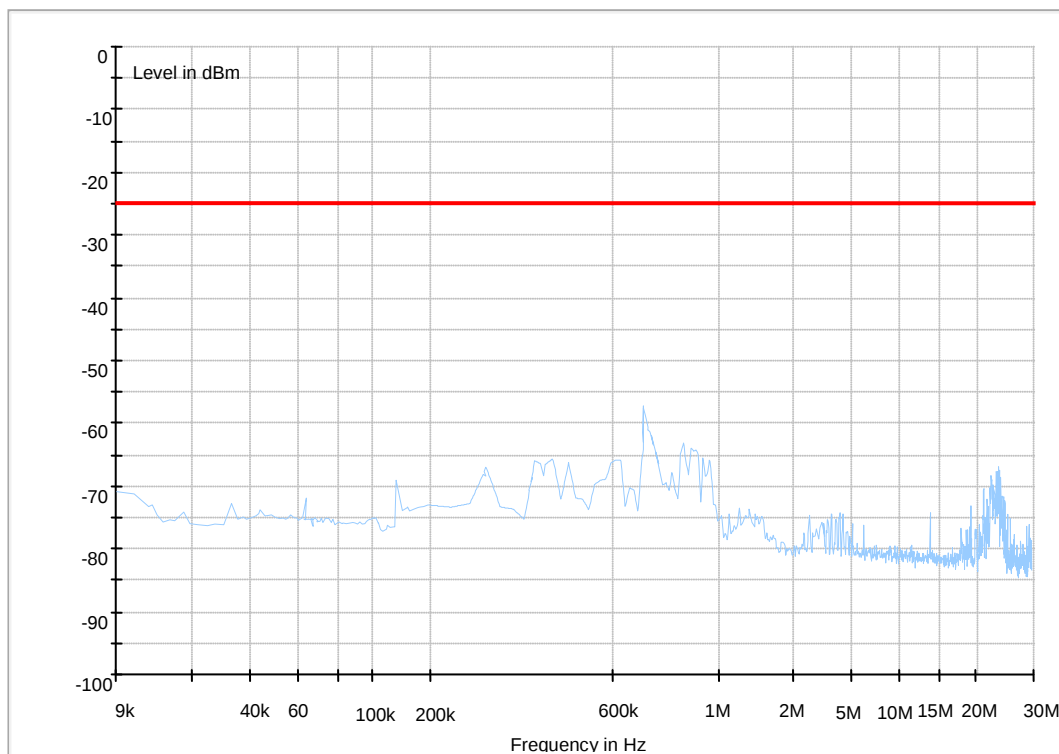


Copy of RSE-TX-DIRECTOR BELOW 1G_H

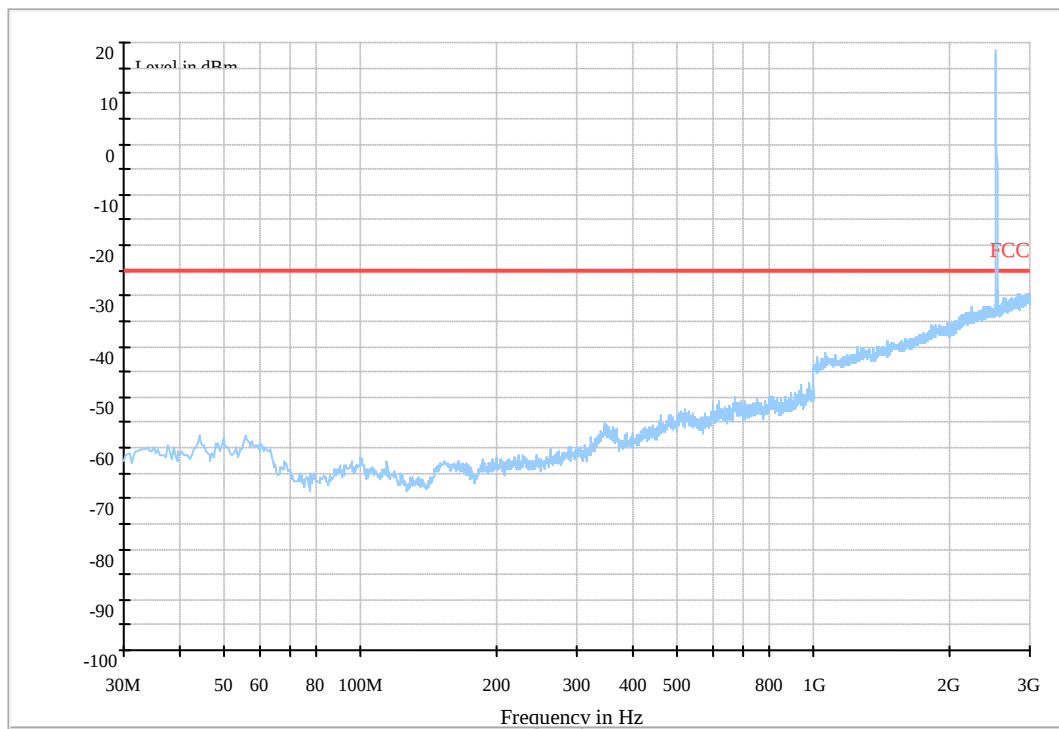


7.3.4 Test Band = BAND7

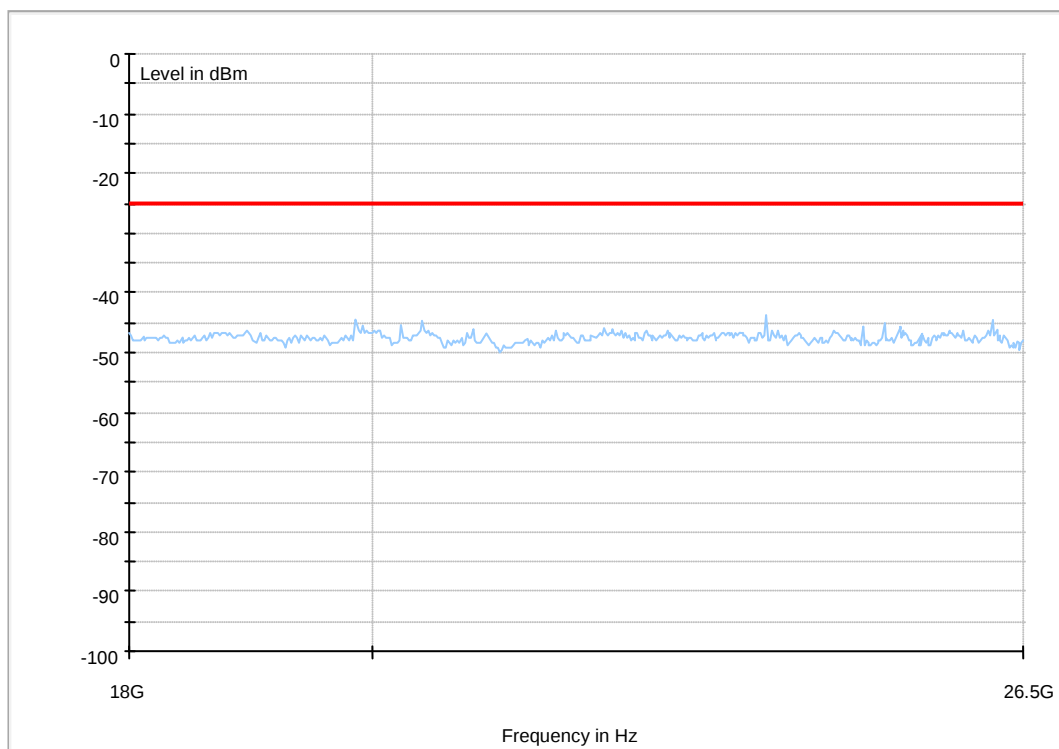
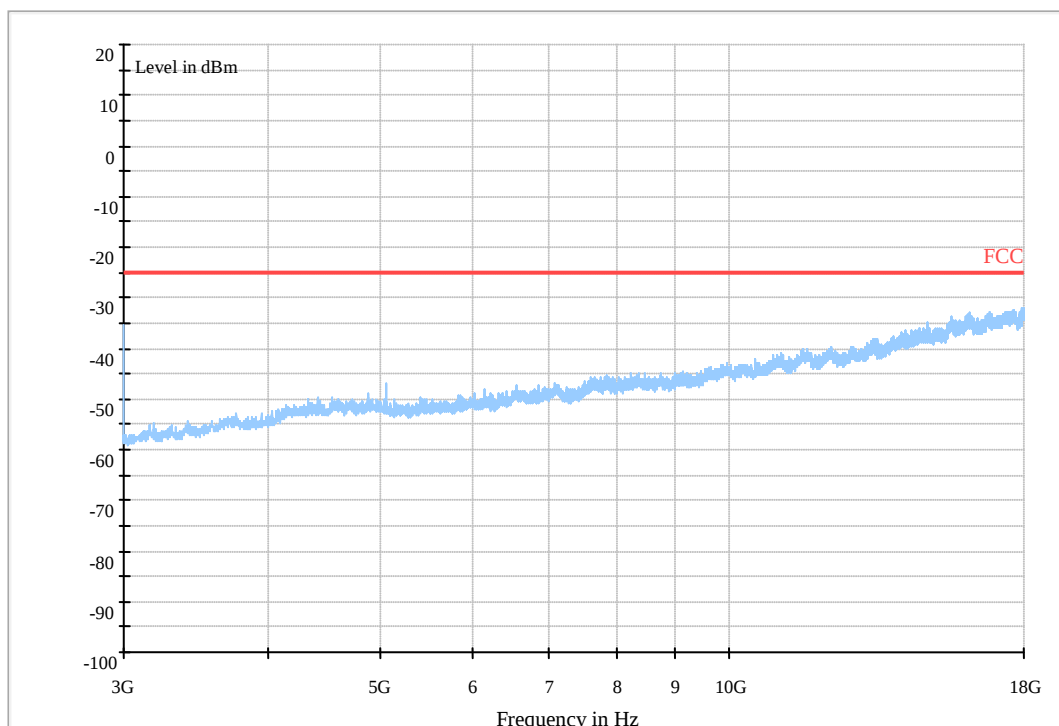
7.3.4.1 Test Bandwidth = 5



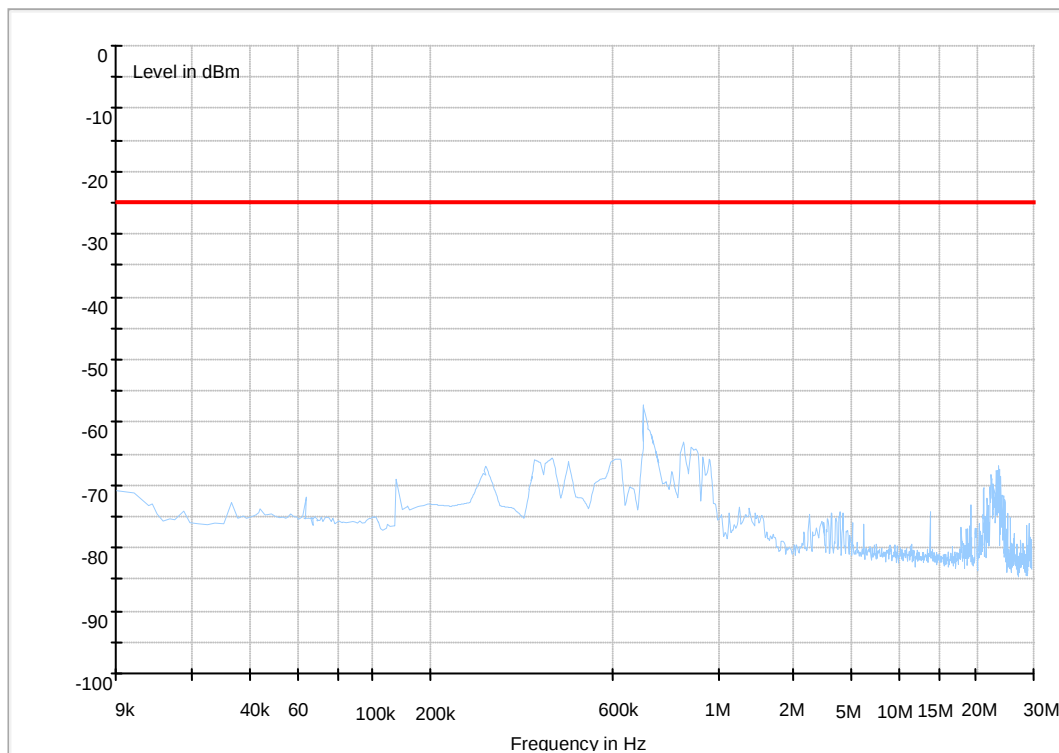
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



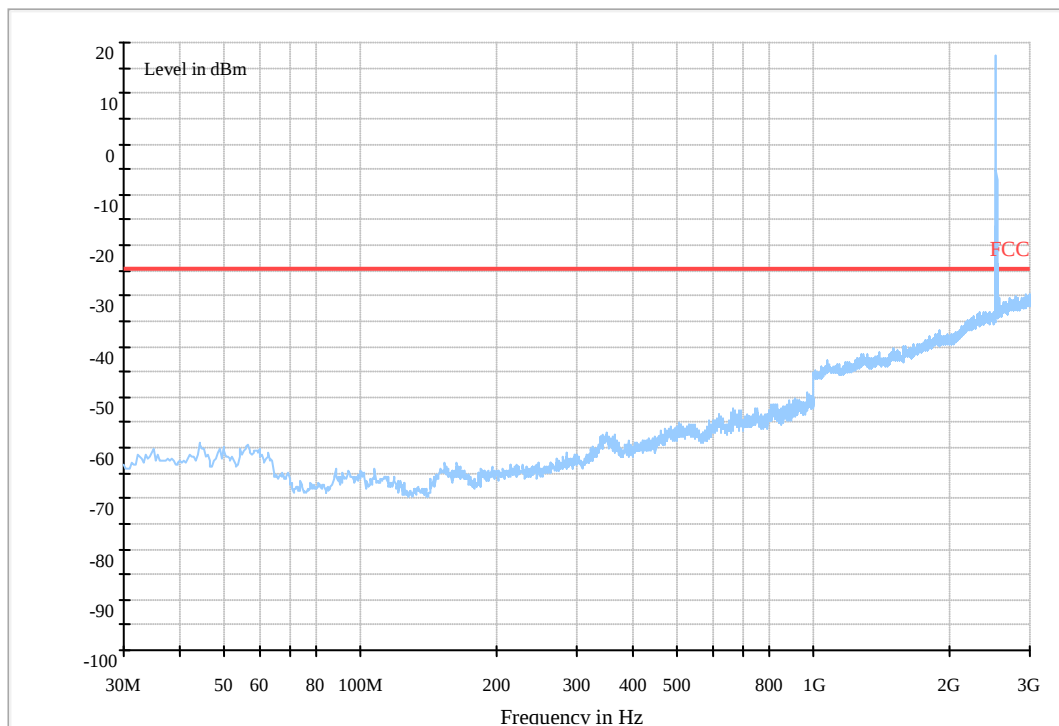
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



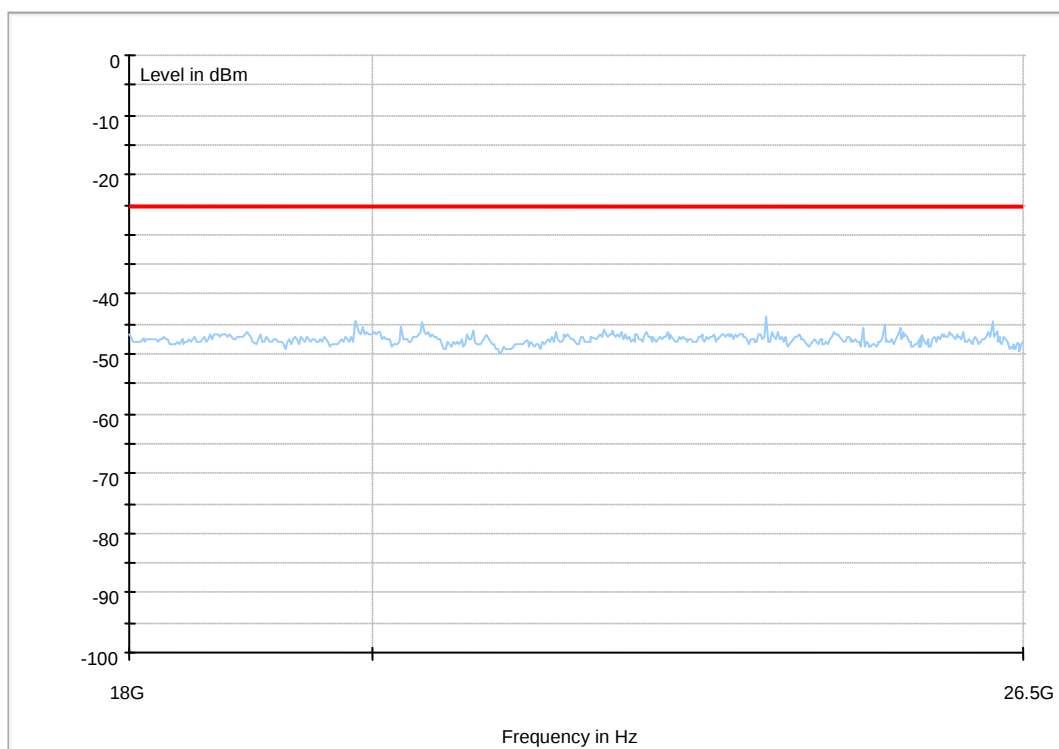
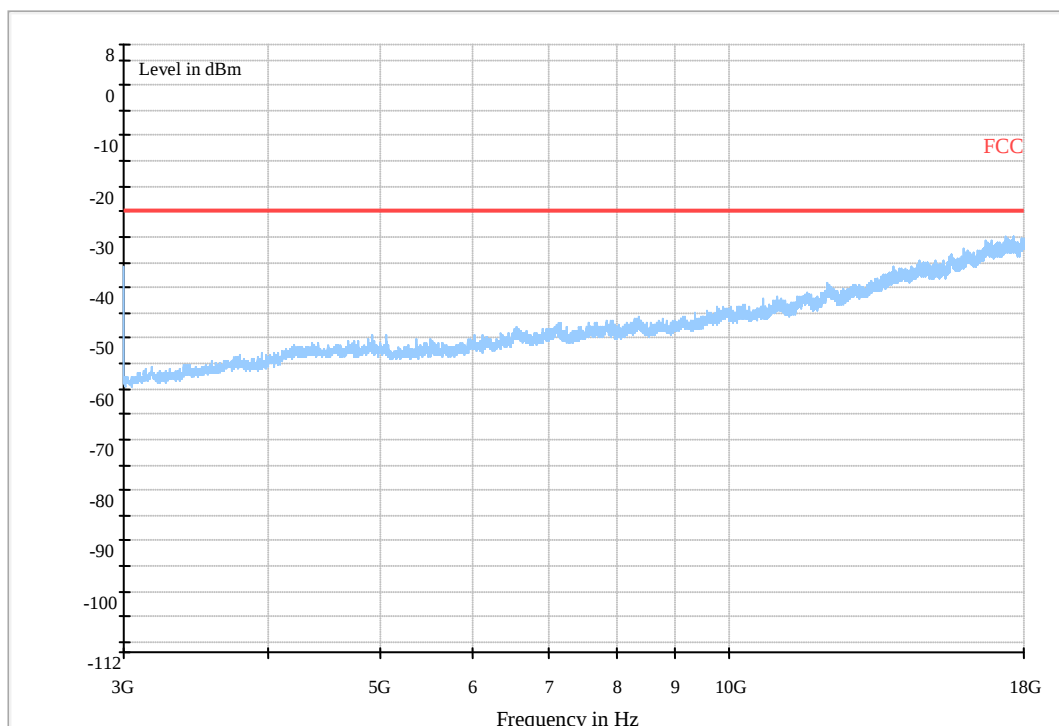
7.3.4.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



8Appendix_H: Frequency Stability

8.1 For GSM

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	-0.52	-0.00063	PASS
				VN	-3.03	-0.00368	PASS
				VH	-2.20	-0.00267	PASS
		MCH	TN	VL	1.68	0.00201	PASS
				VN	0.77	0.00092	PASS
				VH	4.52	0.0054	PASS
		HCH	TN	VL	1.87	0.0022	PASS
				VN	0.97	0.00114	PASS
				VH	-0.84	-0.00099	PASS
	GSM/TM2	LCH	TN	VL	-9.17	-0.01113	PASS
				VN	-10.36	-0.01257	PASS
				VH	-13.88	-0.01684	PASS
		MCH	TN	VL	-11.53	-0.01378	PASS
				VN	-0.94	-0.00112	PASS
				VH	-8.88	-0.01061	PASS
		HCH	TN	VL	-6.68	-0.00787	PASS
				VN	-7.75	-0.00913	PASS
				VH	-6.81	-0.00802	PASS
GSM1900	GSM/TM1	LCH	TN	VL	13.56	0.00733	PASS
				VN	7.30	0.00395	PASS
				VH	8.14	0.0044	PASS
		MCH	TN	VL	20.08	0.01068	PASS
				VN	21.63	0.01151	PASS
				VH	16.14	0.00859	PASS
		HCH	TN	VL	11.11	0.00582	PASS
				VN	13.24	0.00693	PASS
				VH	11.69	0.00612	PASS
	GSM/TM2	LCH	TN	VL	-4.07	-0.0022	PASS
				VN	-4.81	-0.0026	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VH	-2.45	-0.00132	PASS
				VL	2.58	0.00137	PASS
				VN	6.68	0.00355	PASS
				VH	9.65	0.00513	PASS
		HCH	TN	VL	13.85	0.00725	PASS
				VN	-1.39	-0.00073	PASS
				VH	7.81	0.00409	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	-1.87	-0.00227	PASS
				-20	-3.81	-0.00462	PASS
				-10	-4.65	-0.00564	PASS
				0	-3.03	-0.00368	PASS
				10	-1.03	-0.00125	PASS
				20	-0.84	-0.00102	PASS
				30	-2.78	-0.00337	PASS
				40	-1.87	-0.00227	PASS
				50	-0.58	-0.00007	PASS
		MCH	VN	-30	-0.32	-0.00038	PASS
				-20	1.42	0.0017	PASS
				-10	1.03	0.00123	PASS
				0	2.84	0.00339	PASS
				10	0.52	0.00062	PASS
				20	1.87	0.00224	PASS
				30	1.49	0.00178	PASS
				40	2.97	0.00355	PASS
				50	-0.06	-0.00007	PASS
		HCH	VN	-30	4.07	0.0048	PASS
				-20	2.45	0.00289	PASS
				-10	1.29	0.00152	PASS
				0	1.49	0.00176	PASS
				10	2.58	0.00304	PASS
				20	1.81	0.00213	PASS
				30	2.58	0.00304	PASS
				40	3.16	0.00372	PASS
				50	0.58	0.00068	PASS
	GSM/TM2	LCH	VN	-30	-7.62	-0.00925	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-20	-14.21	-0.01724	PASS
				-10	-14.17	-0.01719	PASS
				0	-8.14	-0.00988	PASS
				10	-14.66	-0.01779	PASS
				20	-13.40	-0.01626	PASS
				30	-7.20	-0.00874	PASS
				40	-8.01	-0.00972	PASS
				50	-11.30	-0.01371	PASS
		MCH	VN	-30	-4.78	-0.00571	PASS
				-20	-3.71	-0.00443	PASS
				-10	-6.55	-0.00783	PASS
				0	-12.07	-0.01443	PASS
				10	-11.78	-0.01408	PASS
				20	-3.26	-0.0039	PASS
				30	-9.72	-0.01162	PASS
				40	-7.68	-0.00918	PASS
				50	-9.52	-0.01138	PASS
		HCH	VN	-30	-0.77	-0.00091	PASS
				-20	-7.01	-0.00826	PASS
				-10	-8.04	-0.00947	PASS
				0	-7.04	-0.00829	PASS
				10	-4.84	-0.0057	PASS
				20	-7.43	-0.00875	PASS
				30	-7.39	-0.00871	PASS
				40	-10.40	-0.01225	PASS
				50	-10.20	-0.01202	PASS
GSM1900	GSM/TM1	LCH	VN	-30	3.03	0.00164	PASS
				-20	11.43	0.00618	PASS
				-10	7.94	0.00429	PASS
				0	5.42	0.00293	PASS
				10	9.23	0.00499	PASS
				20	8.46	0.00457	PASS
				30	5.23	0.00283	PASS
				40	6.07	0.00328	PASS
				50	6.20	0.00335	PASS
		MCH	VN	-30	18.85	0.01003	PASS
				-20	18.98	0.0101	PASS
				-10	14.46	0.00769	PASS
				0	19.44	0.01034	PASS
				10	14.08	0.00749	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				20	17.95	0.00955	PASS
				30	21.44	0.0114	PASS
				40	19.57	0.01041	PASS
				50	15.17	0.00807	PASS
		HCH	VN	-30	14.72	0.00771	PASS
				-20	12.66	0.00663	PASS
				-10	8.52	0.00446	PASS
				0	13.43	0.00703	PASS
				10	9.04	0.00473	PASS
				20	12.79	0.0067	PASS
				30	16.27	0.00852	PASS
				40	16.79	0.00879	PASS
				50	19.76	0.01035	PASS
	GSM/TM2	LCH	VN	-30	-8.68	-0.00469	PASS
				-20	-3.97	-0.00215	PASS
				-10	-0.68	-0.00037	PASS
				0	-3.00	-0.00162	PASS
				10	0.68	0.00037	PASS
				20	3.45	0.00186	PASS
				30	-6.10	-0.0033	PASS
				40	5.39	0.00291	PASS
				50	3.13	0.00169	PASS
		MCH	VN	-30	10.85	0.00577	PASS
				-20	16.21	0.00862	PASS
				-10	14.85	0.0079	PASS
				0	9.72	0.00517	PASS
				10	11.07	0.00589	PASS
				20	12.33	0.00656	PASS
				30	15.30	0.00814	PASS
				40	11.78	0.00627	PASS
				50	13.04	0.00694	PASS
		HCH	VN	-30	4.29	0.00225	PASS
				-20	6.20	0.00325	PASS
				-10	3.16	0.00165	PASS
				0	5.68	0.00297	PASS
				10	6.17	0.00323	PASS
				20	-3.00	-0.00157	PASS
				30	-4.49	-0.00235	PASS
				40	6.46	0.00338	PASS
				50	3.91	0.00205	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	-13.11	-0.01586	PASS
				VN	2.81	0.0034	PASS
				VH	-4.67	-0.00565	PASS
		MCH	TN	VL	-3.88	-0.00464	PASS
				VN	-1.37	-0.00164	PASS
				VH	-4.43	-0.0053	PASS
		HCH	TN	VL	-2.47	-0.00292	PASS
				VN	-5.81	-0.00686	PASS
				VH	-3.77	-0.00445	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	7.25	0.00391	PASS
				VN	2.75	0.00148	PASS
				VH	3.42	0.00185	PASS
		MCH	TN	VL	-0.75	-0.0004	PASS
				VN	-8.32	-0.00443	PASS
				VH	-2.85	-0.00152	PASS
		HCH	TN	VL	11.89	0.00623	PASS
				VN	-5.91	-0.0031	PASS
				VH	-0.02	-0.00001	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	15.37	0.00898	PASS
				VN	-6.94	-0.00405	PASS
				VH	-1.66	-0.00097	PASS
		MCH	TN	VL	4.35	0.00251	PASS
				VN	5.37	0.0031	PASS
				VH	0.14	0.00008	PASS
		HCH	TN	VL	3.65	0.00208	PASS
				VN	5.46	0.00312	PASS
				VH	-10.06	-0.00574	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	-15.93	-0.01928	PASS
				-20	-9.52	-0.01152	PASS
				-10	-8.15	-0.00986	PASS
				0	-9.12	-0.01104	PASS
				10	-10.50	-0.01271	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				20	-0.75	-0.00091	PASS
				30	-6.30	-0.00762	PASS
				40	-5.89	-0.00713	PASS
				50	-13.37	-0.01618	PASS
		MCH	VN	-30	-4.64	-0.00555	PASS
				-20	-13.52	-0.01616	PASS
				-10	-8.73	-0.01044	PASS
				0	-4.41	-0.00527	PASS
				10	-7.66	-0.00916	PASS
				20	-0.67	-0.0008	PASS
				30	-0.05	-0.00006	PASS
				40	-12.44	-0.01487	PASS
				50	-4.88	-0.00583	PASS
		HCH	VN	-30	-9.38	-0.01108	PASS
				-20	-12.44	-0.01469	PASS
				-10	-2.61	-0.00308	PASS
				0	-10.71	-0.01265	PASS
				10	-12.15	-0.01435	PASS
				20	-6.71	-0.00793	PASS
				30	-8.47	-0.01	PASS
				40	-8.85	-0.01045	PASS
				50	-4.87	-0.00575	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	-0.90	-0.00049	PASS
				-20	2.04	0.0011	PASS
				-10	0.90	0.00049	PASS
				0	1.68	0.00091	PASS
				10	8.04	0.00434	PASS
				20	6.44	0.00348	PASS
				30	4.67	0.00252	PASS
				40	6.07	0.00328	PASS
				50	4.36	0.00235	PASS
		MCH	VN	-30	0.32	0.00017	PASS
				-20	2.76	0.00147	PASS
				-10	-8.09	-0.0043	PASS
				0	8.18	0.00435	PASS
				10	0.31	0.00016	PASS
				20	-4.82	-0.00256	PASS
				30	2.26	0.0012	PASS
				40	-2.06	-0.0011	PASS
				50	5.37	0.00286	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	0.50	0.00026	PASS
				-20	-3.86	-0.00202	PASS
				-10	9.09	0.00477	PASS
				0	1.21	0.00063	PASS
				10	4.41	0.00231	PASS
				20	1.79	0.00094	PASS
				30	2.56	0.00134	PASS
				40	-0.85	-0.00045	PASS
				50	5.13	0.00269	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	5.87	0.00343	PASS
				-20	6.27	0.00366	PASS
				-10	8.12	0.00474	PASS
				0	4.06	0.00237	PASS
				10	-0.89	-0.00052	PASS
				20	3.11	0.00182	PASS
				30	3.31	0.00193	PASS
				40	-4.73	-0.00276	PASS
				50	0.73	0.00043	PASS
		MCH	VN	-30	3.20	0.00185	PASS
				-20	-2.50	-0.00144	PASS
				-10	-0.35	-0.0002	PASS
				0	3.52	0.00203	PASS
				10	2.82	0.00163	PASS
				20	4.03	0.00233	PASS
				30	0.64	0.00037	PASS
				40	0.69	0.0004	PASS
				50	2.44	0.00141	PASS
		HCH	VN	-30	5.16	0.00294	PASS
				-20	7.54	0.0043	PASS
				-10	2.06	0.00118	PASS
				0	1.88	0.00107	PASS
				10	-1.54	-0.00088	PASS
				20	10.67	0.00609	PASS
				30	-0.87	-0.0005	PASS
				40	8.00	0.00456	PASS
				50	10.86	0.0062	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	10.67	0.00576	PASS
					VN	1.42	0.00077	PASS
					VH	1.26	0.00068	PASS
			MCH	TN	VL	-1.83	-0.00097	PASS
					VN	-1.77	-0.00094	PASS
					VH	-0.33	-0.00018	PASS
			HCH	TN	VL	-0.7	-0.00037	PASS
					VN	-1.95	-0.00102	PASS
					VH	-43.62	-0.02287	PASS
		10	LCH	TN	VL	-1.24	-0.00067	PASS
					VN	1.8	0.00097	PASS
					VH	-0.62	-0.00033	PASS
			MCH	TN	VL	0.54	0.00029	PASS
					VN	-2.42	-0.00129	PASS
					VH	1.09	0.00058	PASS
			HCH	TN	VL	-1.34	-0.0007	PASS
					VN	-0.01	-0.00001	PASS
					VH	0.29	0.00015	PASS
		15	LCH	TN	VL	-1.36	-0.00073	PASS
					VN	-0.53	-0.00029	PASS
					VH	-0.56	-0.0003	PASS
			MCH	TN	VL	-1.54	-0.00082	PASS
					VN	-1.77	-0.00094	PASS
					VH	0.89	0.00047	PASS
			HCH	TN	VL	1.1	0.00058	PASS
					VN	1.46	0.00077	PASS
					VH	0.19	0.0001	PASS
		20	LCH	TN	VL	-0.64	-0.00034	PASS
					VN	0.21	0.00011	PASS
					VH	-2.65	-0.00142	PASS
			MCH	TN	VL	-1.46	-0.00078	PASS
					VN	0.06	0.00003	PASS
					VH	1.7	0.0009	PASS

	LTE/TM2	5	HCH	TN	VL	-2.19	-0.00115	PASS
					VN	1.16	0.00061	PASS
					VH	-0.72	-0.00038	PASS
		10	LCH	TN	VL	0.47	0.00025	PASS
					VN	1.19	0.00064	PASS
					VH	-0.56	-0.0003	PASS
			MCH	TN	VL	0.1	0.00005	PASS
					VN	1.1	0.00059	PASS
					VH	2.45	0.0013	PASS
			HCH	TN	VL	-1.46	-0.00077	PASS
					VN	-2.35	-0.00123	PASS
					VH	-2.17	-0.00114	PASS
		15	LCH	TN	VL	2.17	0.00117	PASS
					VN	-1.65	-0.00089	PASS
					VH	-2	-0.00108	PASS
			MCH	TN	VL	0.21	0.00011	PASS
					VN	-1.9	-0.00101	PASS
					VH	2.1	0.00112	PASS
			HCH	TN	VL	-0.84	-0.00044	PASS
					VN	-0.43	-0.00023	PASS
					VH	1.87	0.00098	PASS
		20	LCH	TN	VL	2.16	0.00116	PASS
					VN	0.34	0.00018	PASS
					VH	-2.23	-0.0012	PASS
			MCH	TN	VL	-1.32	-0.0007	PASS
					VN	-0.13	-0.00007	PASS
					VH	0.03	0.00002	PASS
			HCH	TN	VL	-0.31	-0.00016	PASS
					VN	0.46	0.00024	PASS
					VH	0.03	0.00002	PASS
BAND4	LTE/TM1	5	LCH	TN	VL	1.63	0.00088	PASS
					VN	1.5	0.00081	PASS
					VH	1.03	0.00055	PASS
					VL	-1.22	-0.00065	PASS
					VN	-1.12	-0.0006	PASS
					VH	-1.73	-0.00092	PASS
					VL	-3.1	-0.00163	PASS
					VN	-3.06	-0.00161	PASS
					VH	-5.72	-0.00301	PASS
					VL	0.37	0.00022	PASS
					VN	-1.03	-0.0006	PASS

					VH	-0.66	-0.00039	PASS
					VL	-0.3	-0.00017	PASS
					VN	-0.31	-0.00018	PASS
					VH	1.73	0.001	PASS
					VL	-1.85	-0.00106	PASS
					VN	-1.85	-0.00106	PASS
					VH	-3.39	-0.00193	PASS
					VL	-3.18	-0.00185	PASS
					VN	-2.23	-0.0013	PASS
					VH	-0.74	-0.00043	PASS
					VL	1.23	0.00071	PASS
					VN	-3.25	-0.00188	PASS
					VH	0.11	0.00006	PASS
					VL	-1.37	-0.00078	PASS
					VN	1.24	0.00071	PASS
					VH	0.96	0.00055	PASS
					VL	0.97	0.00056	PASS
					VN	-2.76	-0.00161	PASS
					VH	-2.03	-0.00118	PASS
					VL	-0.89	-0.00051	PASS
					VN	-2.17	-0.00125	PASS
					VH	-0.54	-0.00031	PASS
					VL	2.98	0.00171	PASS
					VN	-1.12	-0.00064	PASS
					VH	0.24	0.00014	PASS
					VL	-2.86	-0.00166	PASS
					VN	-0.43	-0.00025	PASS
					VH	-1.3	-0.00076	PASS
					VL	-0.31	-0.00018	PASS
					VN	-0.69	-0.0004	PASS
					VH	-1.33	-0.00077	PASS
					VL	-2.39	-0.00137	PASS
					VN	-2.42	-0.00139	PASS
					VH	-1.03	-0.00059	PASS
					VL	-1.96	-0.00114	PASS
					VN	-1.19	-0.00069	PASS
					VH	-1.16	-0.00068	PASS
					VL	0.4	0.00023	PASS
					VN	-4.51	-0.0026	PASS
					VH	1.04	0.0006	PASS
					VL	-4.05	-0.00231	PASS

					VN	-1.83	-0.00104	PASS
					VH	-9.07	-0.00518	PASS
					VL	-0.13	-0.00008	PASS
					VN	-2.92	-0.0017	PASS
					VH	-0.5	-0.00029	PASS
					VL	-0.54	-0.00031	PASS
					VN	-5.38	-0.00311	PASS
					VH	1.03	0.00059	PASS
					VL	2.33	0.00133	PASS
					VN	1.29	0.00074	PASS
					VH	-1.66	-0.00095	PASS
					VL	-1.06	-0.00062	PASS
					VN	-1.22	-0.00071	PASS
					VH	2.55	0.00148	PASS
					VL	0.11	0.00006	PASS
					VN	-0.84	-0.00048	PASS
					VH	-2.43	-0.0014	PASS
					VL	-1.44	-0.00082	PASS
					VN	0.44	0.00025	PASS
					VH	-0.3	-0.00017	PASS
					VL	-0.84	-0.00049	PASS
					VN	-0.19	-0.00011	PASS
					VH	-0.5	-0.00029	PASS
					VL	-3.43	-0.00198	PASS
					VN	-1.56	-0.0009	PASS
					VH	-1.73	-0.001	PASS
					VL	-2.49	-0.00143	PASS
					VN	-2.76	-0.00158	PASS
					VH	-6.68	-0.00383	PASS
BAND5	LTE/TM1	5	LCH	TN	VL	-1.66	-0.00201	PASS
					VN	3.36	0.00407	PASS
					VH	11.14	0.01348	PASS
			MCH	TN	VL	3.45	0.00412	PASS
					VN	-2.5	-0.00299	PASS
					VH	4.08	0.00488	PASS
			HCH	TN	VL	-2.16	-0.00255	PASS
					VN	-1.97	-0.00233	PASS
					VH	1.26	0.00149	PASS
		10	LCH	TN	VL	-1.62	-0.00195	PASS
					VN	-1.43	-0.00172	PASS
					VH	3.79	0.00457	PASS

			MCH	TN	VL	-15.11	-0.01806	PASS
					VN	1.92	0.0023	PASS
					VH	7.67	0.00917	PASS
			HCH	TN	VL	0.13	0.00015	PASS
					VN	1.79	0.00212	PASS
					VH	-0.49	-0.00058	PASS
	LTE/TM2	5	LCH	TN	VL	-2.46	-0.00298	PASS
					VN	-2.46	-0.00298	PASS
					VH	0.77	0.00093	PASS
			MCH	TN	VL	2.06	0.00246	PASS
					VN	-6.58	-0.00787	PASS
					VH	-14.29	-0.01708	PASS
			HCH	TN	VL	-5.18	-0.00612	PASS
					VN	10.24	0.0121	PASS
					VH	-1.85	-0.00219	PASS
		10	LCH	TN	VL	-4.72	-0.00569	PASS
					VN	3.92	0.00473	PASS
					VH	0.01	0.00001	PASS
			MCH	TN	VL	-12.65	-0.01512	PASS
					VN	-18.22	-0.02178	PASS
					VH	-11.47	-0.01371	PASS
			HCH	TN	VL	0.23	0.00027	PASS
					VN	-0.24	-0.00028	PASS
					VH	-0.56	-0.00066	PASS
BAND7	LTE/TM1	5	LCH	TN	VL	1.95	0.00078	PASS
					VN	5.04	0.00201	PASS
					VH	2.19	0.00088	PASS
			MCH	TN	VL	0.67	0.00026	PASS
					VN	1.14	0.00045	PASS
					VH	-2.43	-0.00096	PASS
			HCH	TN	VL	2.72	0.00106	PASS
					VN	-0.82	-0.00032	PASS
					VH	1.49	0.00058	PASS
		10	LCH	TN	VL	-1.23	-0.00049	PASS
					VN	-0.37	-0.00015	PASS
					VH	-0.13	-0.00005	PASS
			MCH	TN	VL	-1.02	-0.0004	PASS
					VN	2.05	0.00081	PASS
					VH	-1.23	-0.00049	PASS
			HCH	TN	VL	1.65	0.00064	PASS
					VN	2.92	0.00114	PASS
					VH			

					VH	3.2	0.00125	PASS
					VL	0.04	0.00002	PASS
					VN	0.43	0.00017	PASS
					VH	2.8	0.00112	PASS
					VL	1.59	0.00063	PASS
					VN	-1.73	-0.00068	PASS
					VH	-2.69	-0.00106	PASS
					VL	-0.76	-0.0003	PASS
					VN	1.24	0.00048	PASS
					VH	-0.74	-0.00029	PASS
					VL	-0.21	-0.00008	PASS
					VN	1.83	0.00073	PASS
					VH	5.28	0.0021	PASS
					VL	-0.7	-0.00028	PASS
					VN	-1.32	-0.00052	PASS
					VH	-4.28	-0.00169	PASS
					VL	1.44	0.00056	PASS
					VN	0.36	0.00014	PASS
					VH	3.69	0.00144	PASS
	LTE/TM2				VL	1.42	0.00057	PASS
					VN	-0.21	-0.00008	PASS
					VH	-2.03	-0.00081	PASS
					VL	0.46	0.00018	PASS
					VN	-0.13	-0.00005	PASS
					VH	-3.2	-0.00126	PASS
					VL	2.83	0.0011	PASS
					VN	0.31	0.00012	PASS
					VH	-2.92	-0.00114	PASS
		5	LCH	TN	VL	0.83	0.00033	PASS
					VN	-0.7	-0.00028	PASS
					VH	1.12	0.00045	PASS
			MCH	TN	VL	2.06	0.00081	PASS
					VN	0.6	0.00024	PASS
					VH	1.39	0.00055	PASS
			HCH	TN	VL	-1.5	-0.00058	PASS
					VN	-2.25	-0.00088	PASS
					VH	1.39	0.00054	PASS
					VL	-2.15	-0.00086	PASS
		10	LCH	TN	VN	2.73	0.00109	PASS
					VH	3.96	0.00158	PASS
					VL	-2.99	-0.00118	PASS
			MCH	TN	VL	-2.99	-0.00118	PASS

			HCH	TN	VN	-1.03	-0.00041	PASS
					VH	-1.79	-0.00071	PASS
					VL	0.54	0.00021	PASS
					VN	-1.37	-0.00053	PASS
					VH	-1.44	-0.00056	PASS
		20	LCH	TN	VL	0.7	0.00028	PASS
					VN	-1.12	-0.00045	PASS
					VH	-0.16	-0.00006	PASS
			MCH	TN	VL	-1.16	-0.00046	PASS
					VN	-3.69	-0.00146	PASS
					VH	1.5	0.00059	PASS
			HCH	TN	VL	1.89	0.00074	PASS
					VN	-0.89	-0.00035	PASS
					VH	3.72	0.00145	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	-0.49	-0.00026	PASS
					-20	1.95	0.00105	PASS
					-10	-27.19	-0.01468	PASS
					0	4.92	0.00266	PASS
					10	1.5	0.00081	PASS
					20	2.89	0.00156	PASS
					30	4.33	0.00234	PASS
					40	2.33	0.00126	PASS
					50	1.56	0.00084	PASS
			MCH	VN	-30	-2.36	-0.00126	PASS
					-20	-1.5	-0.0008	PASS
					-10	-1.3	-0.00069	PASS
					0	-22.32	-0.01187	PASS
					10	-2.22	-0.00118	PASS
					20	-0.21	-0.00011	PASS
					30	0.67	0.00036	PASS
					40	-40.54	-0.02156	PASS
					50	-2.98	-0.00159	PASS
			HCH	VN	-30	-1.1	-0.00058	PASS
					-20	1.7	0.00089	PASS
					-10	-0.94	-0.00049	PASS
					0	-1.03	-0.00054	PASS
					10	-1.14	-0.0006	PASS
					20	0.29	0.00015	PASS
					30	-34.66	-0.01817	PASS
					40	-2.72	-0.00143	PASS
					50	-0.67	-0.00035	PASS
		10	LCH	VN	-30	-1.23	-0.00066	PASS
					-20	1.07	0.00058	PASS
					-10	-0.76	-0.00041	PASS
					0	0.87	0.00047	PASS
					10	-1.53	-0.00082	PASS
					20	-0.77	-0.00042	PASS

					30	-1.76	-0.00095	PASS
					40	-0.4	-0.00022	PASS
					50	-0.82	-0.00044	PASS
					-30	-4.72	-0.00251	PASS
					-20	1.47	0.00078	PASS
					-10	0.43	0.00023	PASS
					0	-2.07	-0.0011	PASS
					10	-3.82	-0.00203	PASS
					20	-4.12	-0.00219	PASS
					30	-0.94	-0.0005	PASS
					40	-1.34	-0.00071	PASS
					50	-2.16	-0.00115	PASS
					-30	-0.96	-0.0005	PASS
					-20	3.03	0.00159	PASS
					-10	-0.37	-0.00019	PASS
					0	2.42	0.00127	PASS
					10	3.66	0.00192	PASS
					20	-0.66	-0.00035	PASS
					30	-2.56	-0.00134	PASS
					40	0.43	0.00023	PASS
					50	-1.27	-0.00067	PASS
		15			-30	-2.9	-0.00156	PASS
					-20	-1.63	-0.00088	PASS
					-10	-1.26	-0.00068	PASS
					0	0.56	0.0003	PASS
					10	-2.36	-0.00127	PASS
					20	-0.2	-0.00011	PASS
					30	-0.7	-0.00038	PASS
					40	-2.57	-0.00138	PASS
					50	-1.66	-0.00089	PASS
					-30	0.23	0.00012	PASS
					-20	-1.5	-0.0008	PASS
					-10	0.44	0.00023	PASS
					0	-1.6	-0.00085	PASS
					10	-0.63	-0.00034	PASS
					20	-1.93	-0.00103	PASS
					30	-0.31	-0.00016	PASS
					40	-0.13	-0.00007	PASS
					50	-1.92	-0.00102	PASS
					-30	0.72	0.00038	PASS
					-20	1.17	0.00061	PASS

					-10	-2.86	-0.0015	PASS
					0	-0.5	-0.00026	PASS
					10	-1.03	-0.00054	PASS
					20	-5.85	-0.00307	PASS
					30	1.73	0.00091	PASS
					40	0.59	0.00031	PASS
					50	-2.39	-0.00126	PASS
		20	LCH	VN	-30	-3.89	-0.00209	PASS
					-20	-1.43	-0.00077	PASS
					-10	0.44	0.00024	PASS
					0	0.94	0.00051	PASS
					10	-2.65	-0.00142	PASS
					20	0.59	0.00032	PASS
					30	-6.98	-0.00375	PASS
					40	-6.65	-0.00358	PASS
					50	-0.66	-0.00035	PASS
			MCH	VN	-30	-3.29	-0.00175	PASS
					-20	-1.27	-0.00068	PASS
					-10	-1.54	-0.00082	PASS
					0	-1.32	-0.0007	PASS
					10	-3.02	-0.00161	PASS
					20	-2.79	-0.00148	PASS
					30	-1.87	-0.00099	PASS
					40	1.36	0.00072	PASS
					50	-0.41	-0.00022	PASS
			HCH	VN	-30	-0.72	-0.00038	PASS
					-20	-1.37	-0.00072	PASS
					-10	-2.45	-0.00129	PASS
					0	-3.82	-0.00201	PASS
					10	-2.83	-0.00149	PASS
					20	-2.45	-0.00129	PASS
					30	-1.97	-0.00104	PASS
					40	-3.92	-0.00206	PASS
					50	-5.52	-0.00291	PASS
	LTE/TM2	5	LCH	VN	-30	2.02	0.00109	PASS
					-20	-1.09	-0.00059	PASS
					-10	2.03	0.0011	PASS
					0	-2.43	-0.00131	PASS
					10	-3.86	-0.00208	PASS
					20	-0.11	-0.00006	PASS
					30	0.79	0.00043	PASS

					40	-0.56	-0.0003	PASS
					50	0.9	0.00049	PASS
			MCH	VN	-30	-30.68	-0.01632	PASS
					-20	-2.42	-0.00129	PASS
					-10	-0.11	-0.00006	PASS
					0	1.79	0.00095	PASS
					10	-3.82	-0.00203	PASS
					20	0.5	0.00027	PASS
					30	-0.9	-0.00048	PASS
					40	-0.94	-0.0005	PASS
					50	-2.3	-0.00122	PASS
			HCH	VN	-30	-2.1	-0.0011	PASS
					-20	-14.36	-0.00753	PASS
					-10	-1.62	-0.00085	PASS
					0	-0.97	-0.00051	PASS
					10	-0.3	-0.00016	PASS
					20	-3.13	-0.00164	PASS
					30	-2.19	-0.00115	PASS
					40	-2.42	-0.00127	PASS
					50	-2.8	-0.00147	PASS
		10	LCH	VN	-30	-2.19	-0.00118	PASS
					-20	-4.49	-0.00242	PASS
					-10	0.66	0.00036	PASS
					0	0.4	0.00022	PASS
					10	1.07	0.00058	PASS
					20	-2.69	-0.00145	PASS
					30	-1.09	-0.00059	PASS
					40	0.23	0.00012	PASS
					50	1.73	0.00093	PASS
			MCH	VN	-30	-2.03	-0.00108	PASS
					-20	-0.47	-0.00025	PASS
					-10	-2.07	-0.0011	PASS
					0	0.17	0.00009	PASS
					10	1.29	0.00069	PASS
					20	-2.13	-0.00113	PASS
					30	-2.03	-0.00108	PASS
					40	-1.46	-0.00078	PASS
					50	-1.67	-0.00089	PASS
			HCH	VN	-30	-2.78	-0.00146	PASS
					-20	-1.06	-0.00056	PASS
					-10	-2	-0.00105	PASS

					0	-0.4	-0.00021	PASS
					10	1.63	0.00086	PASS
					20	-1.9	-0.001	PASS
					30	-0.43	-0.00023	PASS
					40	4.36	0.00229	PASS
					50	1.52	0.0008	PASS
		15	LCH	VN	-30	1.75	0.00094	PASS
					-20	-2.79	-0.0015	PASS
					-10	-1.89	-0.00102	PASS
					0	2.09	0.00113	PASS
					10	-1.34	-0.00072	PASS
					20	-1.24	-0.00067	PASS
					30	-3.4	-0.00183	PASS
					40	-1.7	-0.00092	PASS
					50	-1.39	-0.00075	PASS
			MCH	VN	-30	-0.77	-0.00041	PASS
					-20	-0.97	-0.00052	PASS
					-10	0.44	0.00023	PASS
					0	32.13	0.01709	PASS
					10	11.92	0.00634	PASS
					20	-42.14	-0.02241	PASS
					30	-3.46	-0.00184	PASS
					40	-3.66	-0.00195	PASS
					50	-1	-0.00053	PASS
			HCH	VN	-30	-1.77	-0.00093	PASS
					-20	-1.73	-0.00091	PASS
					-10	-0.11	-0.00006	PASS
					0	-0.96	-0.0005	PASS
					10	-0.56	-0.00029	PASS
					20	-1.32	-0.00069	PASS
					30	-2.19	-0.00115	PASS
					40	-1.97	-0.00104	PASS
					50	-0.83	-0.00044	PASS
		20	LCH	VN	-30	-37.57	-0.0202	PASS
					-20	27.49	0.01478	PASS
					-10	-80.28	-0.04316	PASS
					0	-36.08	-0.0194	PASS
					10	10.06	0.00541	PASS
					20	12.83	0.0069	PASS
					30	-7.51	-0.00404	PASS
					40	-12.16	-0.00654	PASS

			MCH	VN	50	-6.67	-0.00359	PASS
					-30	0.47	0.00025	PASS
					-20	-2.45	-0.0013	PASS
					-10	-0.56	-0.0003	PASS
					0	-2.13	-0.00113	PASS
					10	-0.93	-0.00049	PASS
					20	-3.98	-0.00212	PASS
					30	-0.99	-0.00053	PASS
					40	-2.66	-0.00141	PASS
					50	-3.38	-0.0018	PASS
			HCH	VN	-30	-2.68	-0.00141	PASS
					-20	-0.37	-0.00019	PASS
					-10	-2.5	-0.00132	PASS
					0	-1.32	-0.00069	PASS
					10	0.33	0.00017	PASS
					20	-3.03	-0.00159	PASS
					30	-5.19	-0.00273	PASS
					40	-2.82	-0.00148	PASS
					50	-1.07	-0.00056	PASS
BAND4	LTE/TM1	5	LCH	VN	-30	1.52	0.00089	PASS
					-20	1.76	0.00103	PASS
					-10	-15.21	-0.00888	PASS
					0	2.22	0.0013	PASS
					10	0.94	0.00055	PASS
					20	-0.93	-0.00054	PASS
					30	0.51	0.0003	PASS
					40	-2.15	-0.00126	PASS
					50	0.76	0.00044	PASS
			MCH	VN	-30	0.23	0.00013	PASS
					-20	-5.97	-0.00345	PASS
					-10	-0.19	-0.00011	PASS
					0	0.7	0.0004	PASS
					10	-3.33	-0.00192	PASS
					20	-2.93	-0.00169	PASS
					30	-0.46	-0.00027	PASS
					40	2.22	0.00128	PASS
					50	1.69	0.00098	PASS
			HCH	VN	-30	-12.33	-0.00704	PASS
					-20	2.69	0.00153	PASS
					-10	-0.82	-0.00047	PASS
					0	-3.36	-0.00192	PASS

					10	-11.84	-0.00676	PASS
					20	0.2	0.00011	PASS
					30	0.67	0.00038	PASS
					40	-2.09	-0.00119	PASS
					50	-0.57	-0.00033	PASS
		10	LCH	VN	-30	-2.76	-0.00161	PASS
					-20	-1.67	-0.00097	PASS
					-10	-4.39	-0.00256	PASS
					0	1.23	0.00072	PASS
					10	-1.43	-0.00083	PASS
					20	-0.82	-0.00048	PASS
					30	-1.89	-0.0011	PASS
					40	0.04	0.00002	PASS
					50	-1.72	-0.001	PASS
			MCH	VN	-30	2.3	0.00133	PASS
					-20	6.57	0.00379	PASS
					-10	1.72	0.00099	PASS
					0	0.11	0.00006	PASS
					10	-4.72	-0.00272	PASS
					20	-0.79	-0.00046	PASS
					30	-7.87	-0.00454	PASS
					40	1.02	0.00059	PASS
					50	0.4	0.00023	PASS
			HCH	VN	-30	0.76	0.00043	PASS
					-20	-0.06	-0.00003	PASS
					-10	-0.53	-0.0003	PASS
					0	-2.22	-0.00127	PASS
					10	-0.99	-0.00057	PASS
					20	-4.35	-0.00249	PASS
					30	0.51	0.00029	PASS
					40	-4.82	-0.00275	PASS
					50	0.67	0.00038	PASS
		15	LCH	VN	-30	-1.69	-0.00098	PASS
					-20	-0.34	-0.0002	PASS
					-10	-1.4	-0.00082	PASS
					0	-0.87	-0.00051	PASS
					10	-0.43	-0.00025	PASS
					20	-0.92	-0.00054	PASS
					30	-1.33	-0.00077	PASS
					40	-1.6	-0.00093	PASS
					50	-2.16	-0.00126	PASS

			MCH	VN	-30	-0.11	-0.00006	PASS
					-20	2.9	0.00167	PASS
					-10	-0.97	-0.00056	PASS
					0	-0.49	-0.00028	PASS
					10	-0.62	-0.00036	PASS
					20	-2.1	-0.00121	PASS
					30	-0.09	-0.00005	PASS
					40	-3	-0.00173	PASS
					50	0.33	0.00019	PASS
			HCH	VN	-30	0.19	0.00011	PASS
					-20	-0.31	-0.00018	PASS
					-10	-0.34	-0.00019	PASS
					0	-5.02	-0.00287	PASS
					10	-3.35	-0.00192	PASS
					20	0.3	0.00017	PASS
					30	0.93	0.00053	PASS
					40	-1.5	-0.00086	PASS
					50	1.32	0.00076	PASS
			LCH	VN	-30	-2.05	-0.00119	PASS
					-20	-1.17	-0.00068	PASS
					-10	-1.04	-0.0006	PASS
					0	-1.53	-0.00089	PASS
					10	-0.44	-0.00026	PASS
					20	-0.79	-0.00046	PASS
					30	-0.77	-0.00045	PASS
					40	-2	-0.00116	PASS
					50	-2.8	-0.00163	PASS
			MCH	VN	-30	-0.19	-0.00011	PASS
					-20	0.67	0.00039	PASS
					-10	-0.41	-0.00024	PASS
					0	-1.52	-0.00088	PASS
					10	0.49	0.00028	PASS
					20	0.23	0.00013	PASS
					30	-1.76	-0.00102	PASS
					40	0.59	0.00034	PASS
					50	-1.56	-0.0009	PASS
			HCH	VN	-30	-2.1	-0.0012	PASS
					-20	0.49	0.00028	PASS
					-10	0.33	0.00019	PASS
					0	9.8	0.00562	PASS
					10	0.56	0.00032	PASS

	LTE/TM2				20	-1.22	-0.0007	PASS
					30	1.42	0.00081	PASS
					40	-3.68	-0.00211	PASS
					50	-1.09	-0.00062	PASS
			LCH	VN	-30	-0.59	-0.00034	PASS
					-20	-0.31	-0.00018	PASS
					-10	-5.51	-0.00322	PASS
					0	-1.34	-0.00078	PASS
					10	1.99	0.00116	PASS
					20	0.17	0.0001	PASS
					30	-1.2	-0.0007	PASS
					40	-2.7	-0.00158	PASS
					50	-1.65	-0.00096	PASS
			MCH	VN	-30	-1.96	-0.00113	PASS
					-20	0.07	0.00004	PASS
					-10	0.24	0.00014	PASS
					0	-0.04	-0.00002	PASS
					10	-0.99	-0.00057	PASS
					20	-3.98	-0.0023	PASS
					30	-2.29	-0.00132	PASS
					40	-1.14	-0.00066	PASS
					50	-0.54	-0.00031	PASS
			HCH	VN	-30	-1.67	-0.00095	PASS
					-20	1.5	0.00086	PASS
					-10	-10.7	-0.00611	PASS
					0	0.33	0.00019	PASS
					10	-0.94	-0.00054	PASS
					20	-3.05	-0.00174	PASS
					30	2.59	0.00148	PASS
					40	-2.19	-0.00125	PASS
					50	-1.99	-0.00114	PASS
		10	LCH	VN	-30	-2.42	-0.00141	PASS
					-20	-2.19	-0.00128	PASS
					-10	-0.77	-0.00045	PASS
					0	-2.42	-0.00141	PASS
					10	-1.29	-0.00075	PASS
					20	-2.9	-0.00169	PASS
					30	-2.76	-0.00161	PASS
					40	-3.4	-0.00198	PASS
					50	-0.94	-0.00055	PASS
			MCH	VN	-30	-0.66	-0.00038	PASS

					-20	0.54	0.00031	PASS
					-10	-2.47	-0.00143	PASS
					0	-1.89	-0.00109	PASS
					10	1.75	0.00101	PASS
					20	0.13	0.00008	PASS
					30	-2.33	-0.00134	PASS
					40	-0.39	-0.00023	PASS
					50	-0.13	-0.00008	PASS
			HCH	VN	-30	-2.49	-0.00142	PASS
					-20	-3.06	-0.00175	PASS
					-10	1.16	0.00066	PASS
					0	-1.17	-0.00067	PASS
					10	-0.24	-0.00014	PASS
					20	-1.16	-0.00066	PASS
					30	0.14	0.00008	PASS
					40	-0.11	-0.00006	PASS
					50	-0.39	-0.00022	PASS
		15	LCH	VN	-30	0.17	0.0001	PASS
					-20	-3.33	-0.00194	PASS
					-10	-0.86	-0.0005	PASS
					0	-0.09	-0.00005	PASS
					10	0.37	0.00022	PASS
					20	0.01	0.00001	PASS
					30	-3.5	-0.00204	PASS
					40	0.39	0.00023	PASS
					50	3.06	0.00178	PASS
			MCH	VN	-30	-0.27	-0.00016	PASS
					-20	1.12	0.00065	PASS
					-10	1.7	0.00098	PASS
					0	2.32	0.00134	PASS
					10	-2.52	-0.00145	PASS
					20	2.4	0.00139	PASS
					30	2.26	0.0013	PASS
					40	-1.29	-0.00074	PASS
					50	-0.26	-0.00015	PASS
			HCH	VN	-30	-0.73	-0.00042	PASS
					-20	-5.28	-0.00302	PASS
					-10	-0.31	-0.00018	PASS
					0	-2.55	-0.00146	PASS
					10	0.33	0.00019	PASS
					20	-4.18	-0.00239	PASS

					30	0.49	0.00028	PASS
					40	-0.23	-0.00013	PASS
					50	-4.16	-0.00238	PASS
		20	LCH	VN	-30	-1.93	-0.00112	PASS
					-20	-1.13	-0.00066	PASS
					-10	-1.67	-0.00097	PASS
					0	-1.02	-0.00059	PASS
					10	1.8	0.00105	PASS
					20	-0.63	-0.00037	PASS
					30	0.09	0.00005	PASS
					40	1.39	0.00081	PASS
					50	-0.73	-0.00042	PASS
			MCH	VN	-30	0.63	0.00036	PASS
					-20	-0.82	-0.00047	PASS
					-10	-1.52	-0.00088	PASS
					0	-0.57	-0.00033	PASS
					10	-2.42	-0.0014	PASS
					20	-2.12	-0.00122	PASS
					30	-3.22	-0.00186	PASS
					40	-2.1	-0.00121	PASS
					50	2.12	0.00122	PASS
			HCH	VN	-30	-4.53	-0.0026	PASS
					-20	-0.76	-0.00044	PASS
					-10	-4.02	-0.0023	PASS
					0	0.01	0.00001	PASS
					10	0.07	0.00004	PASS
					20	0.07	0.00004	PASS
					30	0.34	0.00019	PASS
					40	-2.68	-0.00154	PASS
					50	-3.26	-0.00187	PASS
BAND5	LTE/TM1	5	LCH	VN	-30	-1.8	-0.00218	PASS
					-20	1.23	0.00149	PASS
					-10	-1.29	-0.00156	PASS
					0	2.75	0.00333	PASS
					10	-0.3	-0.00036	PASS
					20	-2	-0.00242	PASS
					30	-3.36	-0.00407	PASS
					40	-1.17	-0.00142	PASS
					50	2.5	0.00302	PASS
		MCH	VN	-30	-3.52	-0.00421	PASS	
				-20	2.29	0.00274	PASS	

					-10	4.89	0.00585	PASS
					0	6.39	0.00764	PASS
					10	1.37	0.00164	PASS
					20	1.76	0.0021	PASS
					30	4.23	0.00506	PASS
					40	1.26	0.00151	PASS
					50	0.07	0.00008	PASS
			HCH	VN	-30	1.03	0.00122	PASS
					-20	2.02	0.00239	PASS
					-10	1.76	0.00208	PASS
					0	-1.07	-0.00126	PASS
					10	0.87	0.00103	PASS
					20	-0.8	-0.00095	PASS
					30	3.76	0.00444	PASS
					40	-4.16	-0.00491	PASS
					50	-1.27	-0.0015	PASS
		10	LCH	VN	-30	-0.74	-0.00089	PASS
					-20	0.49	0.00059	PASS
					-10	11.39	0.01374	PASS
					0	-5.61	-0.00677	PASS
					10	7.47	0.00901	PASS
					20	-10.27	-0.01239	PASS
					30	3.72	0.00449	PASS
					40	6.12	0.00738	PASS
					50	9.23	0.01113	PASS
			MCH	VN	-30	-14.62	-0.01748	PASS
					-20	-5.25	-0.00628	PASS
					-10	-1.42	-0.0017	PASS
					0	-6.51	-0.00778	PASS
					10	-3	-0.00359	PASS
					20	-2.49	-0.00298	PASS
					30	-3.03	-0.00362	PASS
					40	-10.93	-0.01307	PASS
					50	-4.12	-0.00493	PASS
			HCH	VN	-30	-1.4	-0.00166	PASS
					-20	-0.37	-0.00044	PASS
					-10	-0.54	-0.00064	PASS
					0	-0.92	-0.00109	PASS
					10	-2.22	-0.00263	PASS
					20	-0.2	-0.00024	PASS
					30	-2.66	-0.00315	PASS

	LTE/TM2	5	LCH	VN	40	-0.6	-0.00071	PASS
					50	-3.16	-0.00374	PASS
					-30	3.38	0.00409	PASS
					-20	0.21	0.00025	PASS
					-10	8.3	0.01004	PASS
					0	-0.14	-0.00017	PASS
					10	-2.06	-0.00249	PASS
					20	-1.16	-0.0014	PASS
					30	0.09	0.00011	PASS
					40	-1.3	-0.00157	PASS
			MCH	VN	50	2.98	0.00361	PASS
					-30	9.73	0.01163	PASS
					-20	-0.99	-0.00118	PASS
					-10	2.75	0.00329	PASS
					0	-1.75	-0.00209	PASS
					10	-2.62	-0.00313	PASS
					20	-1.56	-0.00186	PASS
					30	0.34	0.00041	PASS
					40	6.9	0.00825	PASS
					50	3.33	0.00398	PASS
		10	HCH	VN	-30	-3.93	-0.00464	PASS
					-20	-0.72	-0.00085	PASS
					-10	1.17	0.00138	PASS
					0	-0.74	-0.00087	PASS
					10	0.34	0.0004	PASS
					20	0.56	0.00066	PASS
					30	5.19	0.00613	PASS
					40	-0.01	-0.00001	PASS
					50	0.77	0.00091	PASS
			LCH	VN	-30	-0.47	-0.00057	PASS
					-20	0.57	0.00069	PASS
					-10	2.93	0.00353	PASS
					0	1.37	0.00165	PASS
					10	-0.29	-0.00035	PASS
					20	-0.26	-0.00031	PASS
					30	0.83	0.001	PASS
					40	2.07	0.0025	PASS
					50	-0.94	-0.00113	PASS
			MCH	VN	-30	-15.79	-0.01888	PASS
					-20	1.72	0.00206	PASS
					-10	-8.61	-0.01029	PASS

					0	7.35	0.00879	PASS
					10	-1.22	-0.00146	PASS
					20	-8.57	-0.01025	PASS
					30	-2.26	-0.0027	PASS
					40	-0.77	-0.00092	PASS
					50	-5.41	-0.00647	PASS
			HCH	VN	-30	-0.3	-0.00036	PASS
					-20	-0.43	-0.00051	PASS
					-10	-1.77	-0.0021	PASS
					0	0.2	0.00024	PASS
					10	1.24	0.00147	PASS
					20	0.13	0.00015	PASS
					30	0.24	0.00028	PASS
					40	-0.03	-0.00004	PASS
					50	-0.1	-0.00012	PASS
					-30	1.19	0.00048	PASS
BAND7	LTE/TM1	5	LCH	VN	-20	-2.19	-0.00088	PASS
					-10	-3.03	-0.00121	PASS
					0	-5.65	-0.00226	PASS
					10	-2.12	-0.00085	PASS
					20	0.36	0.00014	PASS
					30	2.32	0.00093	PASS
					40	-0.86	-0.00034	PASS
					50	-2.52	-0.00101	PASS
			MCH	VN	-30	-2.57	-0.00101	PASS
					-20	-2.37	-0.00093	PASS
					-10	-1.82	-0.00072	PASS
					0	-1.3	-0.00051	PASS
					10	-2.95	-0.00116	PASS
					20	1.63	0.00064	PASS
					30	0.82	0.00032	PASS
					40	-1.96	-0.00077	PASS
					50	-5.11	-0.00202	PASS
			HCH	VN	-30	-1.17	-0.00046	PASS
					-20	-0.57	-0.00022	PASS
					-10	-1.5	-0.00058	PASS
					0	-3.2	-0.00125	PASS
					10	0.41	0.00016	PASS
					20	-0.51	-0.0002	PASS
					30	-4.18	-0.00163	PASS
					40	-3.83	-0.00149	PASS

		10	LCH	VN	50	-2.89	-0.00113	PASS
					-30	0.03	0.00001	PASS
					-20	0.37	0.00015	PASS
					-10	-5.62	-0.00224	PASS
					0	-0.43	-0.00017	PASS
					10	-3.88	-0.00155	PASS
					20	-3.65	-0.00146	PASS
					30	-3.09	-0.00123	PASS
					40	-1.82	-0.00073	PASS
			MCH	VN	50	-0.64	-0.00026	PASS
					-30	-3.15	-0.00124	PASS
					-20	1.93	0.00076	PASS
					-10	-2.62	-0.00103	PASS
					0	-3.03	-0.0012	PASS
					10	-2.05	-0.00081	PASS
					20	-2.39	-0.00094	PASS
					30	-2.29	-0.0009	PASS
					40	-1.77	-0.0007	PASS
					50	0.49	0.00019	PASS
			HCH	VN	-30	-4.35	-0.0017	PASS
					-20	-4.62	-0.0018	PASS
					-10	-0.96	-0.00037	PASS
					0	-1.47	-0.00057	PASS
					10	-2.03	-0.00079	PASS
					20	-1.2	-0.00047	PASS
					30	0.3	0.00012	PASS
					40	-1.03	-0.0004	PASS
					50	-0.14	-0.00005	PASS
		15	LCH	VN	-30	-0.99	-0.00039	PASS
					-20	-0.31	-0.00012	PASS
					-10	-3.45	-0.00138	PASS
					0	-2.65	-0.00106	PASS
					10	-2.13	-0.00085	PASS
					20	0.2	0.00008	PASS
					30	-0.96	-0.00038	PASS
					40	-3.88	-0.00155	PASS
					50	-3.56	-0.00142	PASS
			MCH	VN	-30	-2.37	-0.00093	PASS
					-20	0.31	0.00012	PASS
					-10	0.47	0.00019	PASS
					0	-1.04	-0.00041	PASS

					10	-2.39	-0.00094	PASS
					20	0.86	0.00034	PASS
					30	1.23	0.00049	PASS
					40	0.59	0.00023	PASS
					50	-2.99	-0.00118	PASS
			HCH	VN	-30	-4.56	-0.00178	PASS
					-20	-3.15	-0.00123	PASS
					-10	-0.74	-0.00029	PASS
					0	-3.58	-0.0014	PASS
					10	-2	-0.00078	PASS
					20	-2.65	-0.00103	PASS
					30	-0.74	-0.00029	PASS
					40	-2.59	-0.00101	PASS
					50	-1.54	-0.0006	PASS
		20	LCH	VN	-30	-2.86	-0.00114	PASS
					-20	-1.17	-0.00047	PASS
					-10	-0.43	-0.00017	PASS
					0	0.14	0.00006	PASS
					10	-1.02	-0.00041	PASS
					20	-3.68	-0.00147	PASS
					30	-2.66	-0.00106	PASS
					40	-4.28	-0.00171	PASS
					50	-2.33	-0.00093	PASS
			MCH	VN	-30	-2.23	-0.00088	PASS
					-20	-2.82	-0.00111	PASS
					-10	-3.26	-0.00129	PASS
					0	-0.17	-0.00007	PASS
					10	-2.57	-0.00101	PASS
					20	-2.25	-0.00089	PASS
					30	-2.16	-0.00085	PASS
					40	0.6	0.00024	PASS
					50	-2.62	-0.00103	PASS
			HCH	VN	-30	2.16	0.00084	PASS
					-20	1.39	0.00054	PASS
					-10	0.5	0.0002	PASS
					0	1.39	0.00054	PASS
					10	2.56	0.001	PASS
					20	2.56	0.001	PASS
					30	2.1	0.00082	PASS
					40	3.32	0.0013	PASS
					50	0.99	0.00039	PASS

	LTE/TM2	5	LCH	VN	-30	-2.43	-0.00097	PASS
					-20	-1.2	-0.00048	PASS
					-10	-0.56	-0.00022	PASS
					0	-0.7	-0.00028	PASS
					10	-1.39	-0.00056	PASS
					20	-3.1	-0.00124	PASS
					30	-0.74	-0.0003	PASS
					40	-0.53	-0.00021	PASS
					50	1.2	0.00048	PASS
			MCH	VN	-30	-4.19	-0.00165	PASS
					-20	-0.93	-0.00037	PASS
					-10	-3.4	-0.00134	PASS
					0	-2.02	-0.0008	PASS
					10	1.22	0.00048	PASS
					20	-3.48	-0.00137	PASS
					30	-4.33	-0.00171	PASS
					40	-2.46	-0.00097	PASS
					50	-7.05	-0.00278	PASS
			HCH	VN	-30	0.3	0.00012	PASS
					-20	-7.3	-0.00284	PASS
					-10	-1.47	-0.00057	PASS
					0	-1.23	-0.00048	PASS
					10	-5.44	-0.00212	PASS
					20	-3.4	-0.00132	PASS
					30	-0.84	-0.00033	PASS
					40	0.86	0.00033	PASS
					50	-2.68	-0.00104	PASS
		10	LCH	VN	-30	-2.7	-0.00108	PASS
					-20	-1.42	-0.00057	PASS
					-10	-3.99	-0.00159	PASS
					0	1.22	0.00049	PASS
					10	-2.82	-0.00113	PASS
					20	-3.36	-0.00134	PASS
					30	-0.14	-0.00006	PASS
					40	-3.43	-0.00137	PASS
					50	-3.82	-0.00152	PASS
			MCH	VN	-30	-3.95	-0.00156	PASS
					-20	-1.6	-0.00063	PASS
					-10	-1.03	-0.00041	PASS
					0	-1.7	-0.00067	PASS
					10	-3.93	-0.00155	PASS

					20	-3.58	-0.00141	PASS
					30	-5.99	-0.00236	PASS
					40	-2.93	-0.00116	PASS
					50	-3.78	-0.00149	PASS
			HCH	VN	-30	-0.13	-0.00005	PASS
					-20	-1.03	-0.0004	PASS
					-10	-3.1	-0.00121	PASS
					0	-2.13	-0.00083	PASS
					10	-0.9	-0.00035	PASS
					20	-3.5	-0.00136	PASS
					30	0.64	0.00025	PASS
					40	-2.57	-0.001	PASS
					50	-1.12	-0.00044	PASS
		15	LCH	VN	-30	-0.2	-0.00008	PASS
					-20	-3.23	-0.00129	PASS
					-10	0.31	0.00012	PASS
					0	0.33	0.00013	PASS
					10	-2.5	-0.001	PASS
					20	-2.95	-0.00118	PASS
					30	0.72	0.00029	PASS
					40	-2.17	-0.00087	PASS
					50	0.36	0.00014	PASS
			MCH	VN	-30	-2.1	-0.00083	PASS
					-20	-2.1	-0.00083	PASS
					-10	-4.09	-0.00161	PASS
					0	-2.95	-0.00116	PASS
					10	-1.16	-0.00046	PASS
					20	-0.06	-0.00002	PASS
					30	-1.96	-0.00077	PASS
					40	-2.62	-0.00103	PASS
					50	-4.68	-0.00185	PASS
			HCH	VN	-30	-1.03	-0.0004	PASS
					-20	-1.67	-0.00065	PASS
					-10	0.93	0.00036	PASS
					0	-2.35	-0.00092	PASS
					10	-1.57	-0.00061	PASS
					20	0.13	0.00005	PASS
					30	-2.2	-0.00086	PASS
					40	-4.18	-0.00163	PASS
					50	-3.66	-0.00143	PASS
		20	LCH	VN	-30	-3.69	-0.00147	PASS

					-20	-1.14	-0.00045	PASS
					-10	0.11	0.00004	PASS
					0	-0.03	-0.00001	PASS
					10	-2.46	-0.00098	PASS
					20	-3.55	-0.00141	PASS
					30	-1.72	-0.00069	PASS
					40	-1.92	-0.00076	PASS
					50	-0.79	-0.00031	PASS
			MCH	VN	-30	-1.72	-0.00068	PASS
					-20	-3.13	-0.00123	PASS
					-10	-1.53	-0.0006	PASS
					0	-3.69	-0.00146	PASS
					10	-3.25	-0.00128	PASS
					20	-1.36	-0.00054	PASS
					30	-4.16	-0.00164	PASS
					40	-5.75	-0.00227	PASS
					50	0.97	0.00038	PASS
			HCH	VN	-30	1.63	0.00064	PASS
					-20	1.16	0.00045	PASS
					-10	-2.78	-0.00109	PASS
					0	0.39	0.00015	PASS
					10	1.9	0.00074	PASS
					20	-0.49	-0.00019	PASS
					30	-1.1	-0.00043	PASS
					40	-0.53	-0.00021	PASS
					50	-2.35	-0.00092	PASS

END