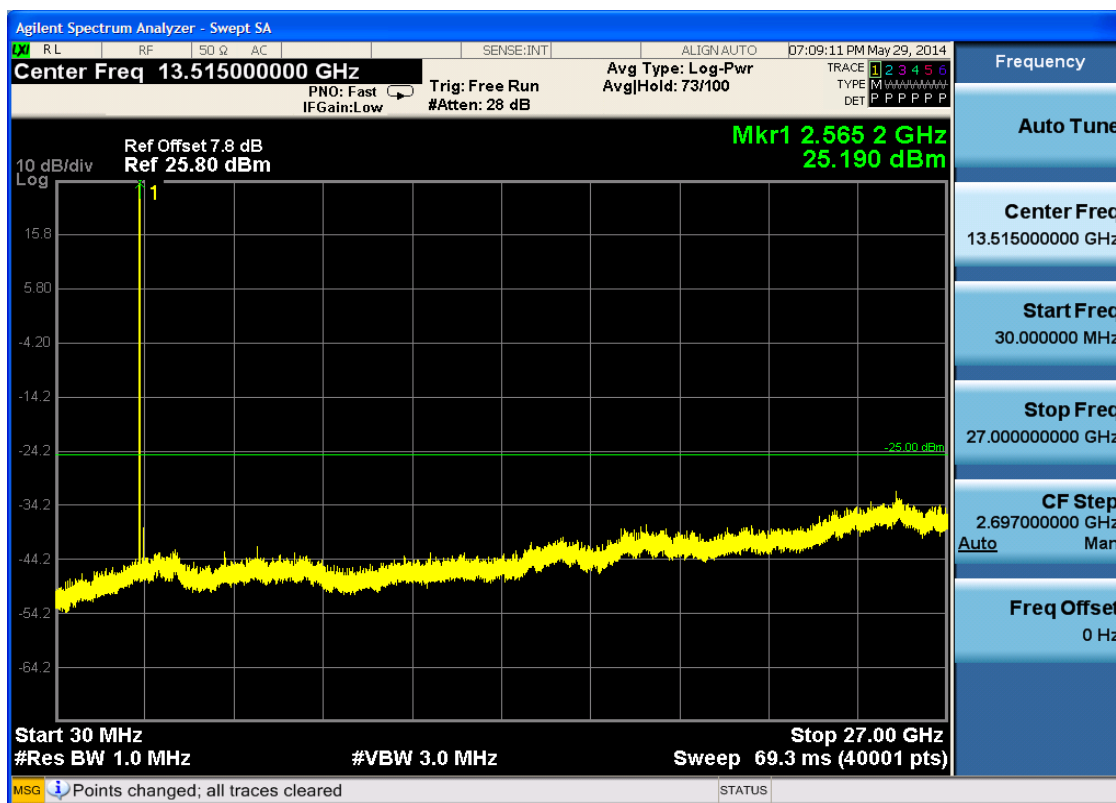
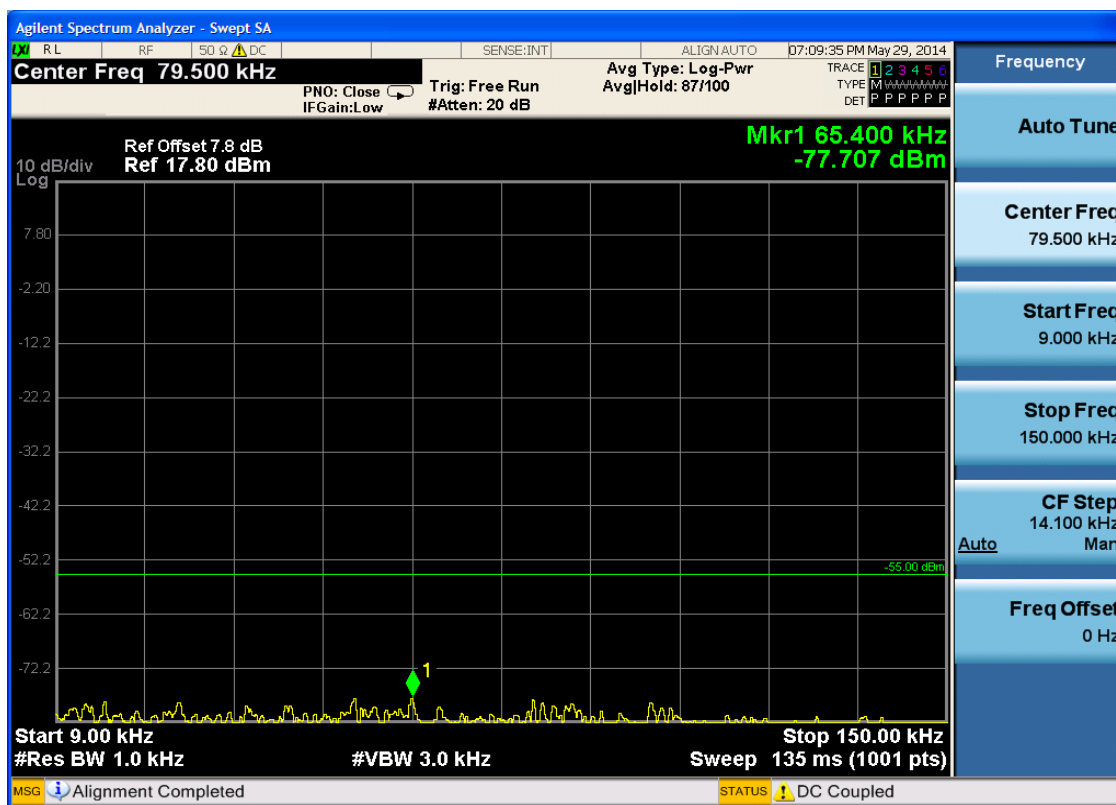


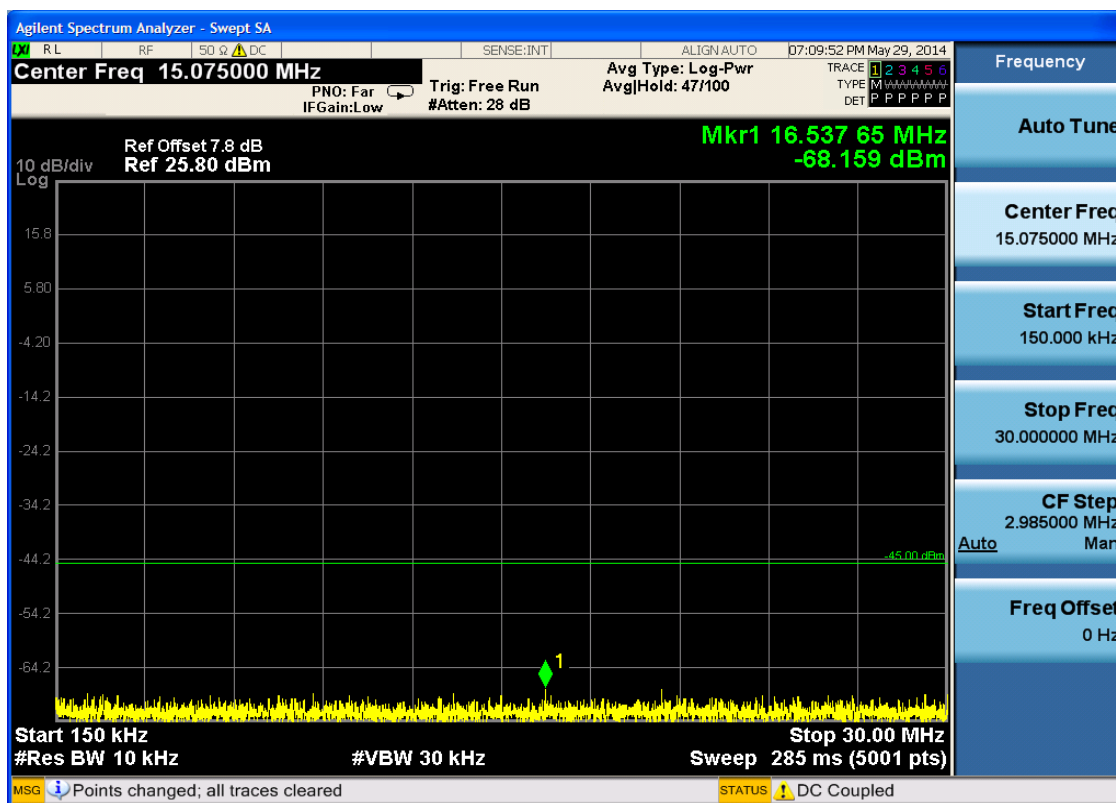


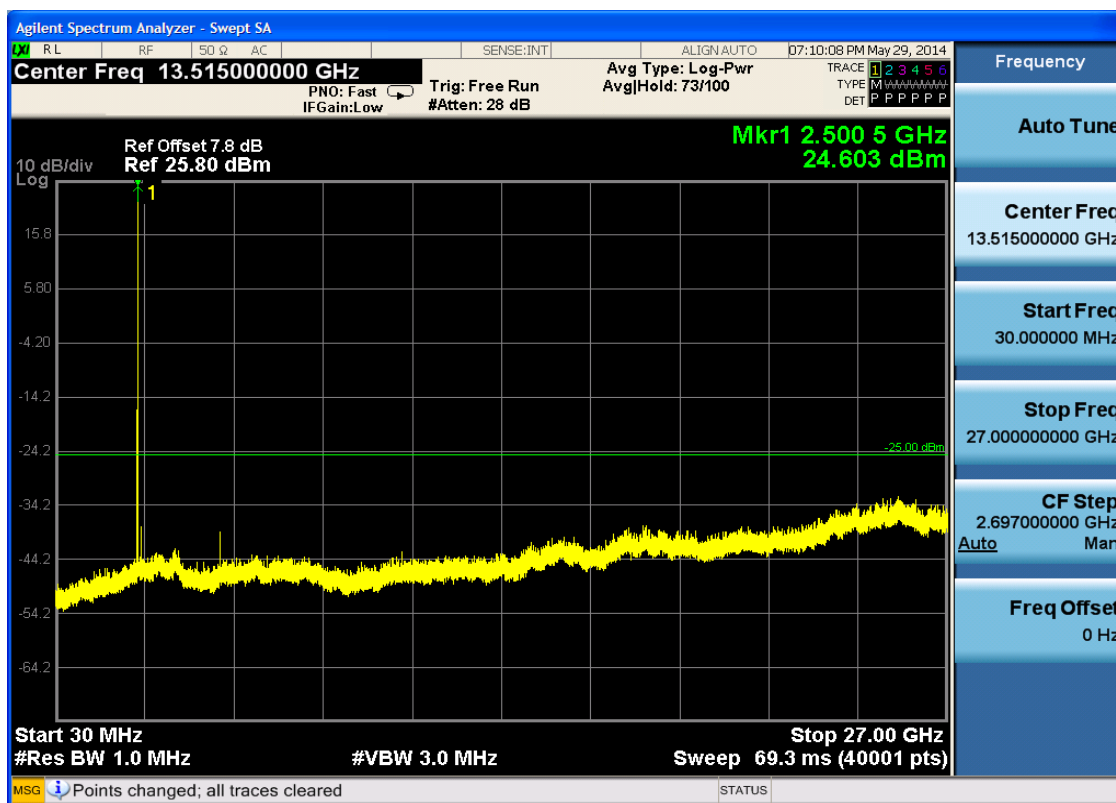
6.3.2.2.2 Test Bandwidth = 10

6.3.2.2.2.1 Test Channel = LCH

6.3.2.2.2.1.1 Test RB = RB1#0

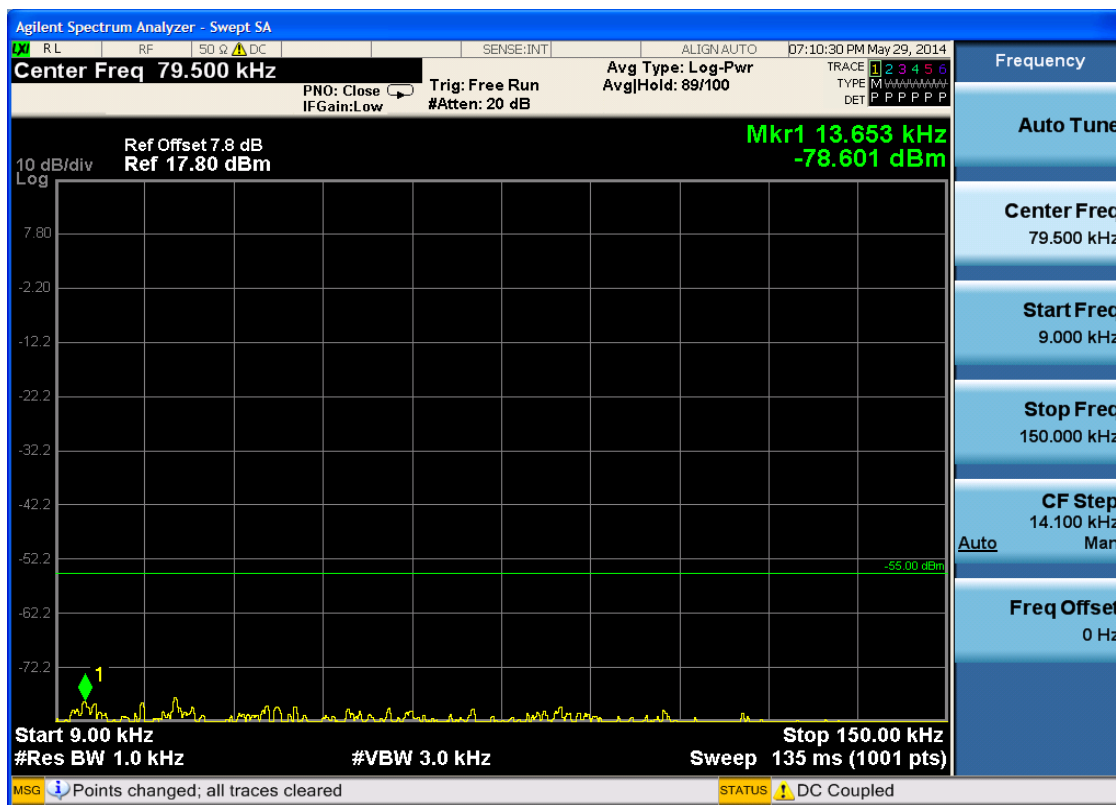


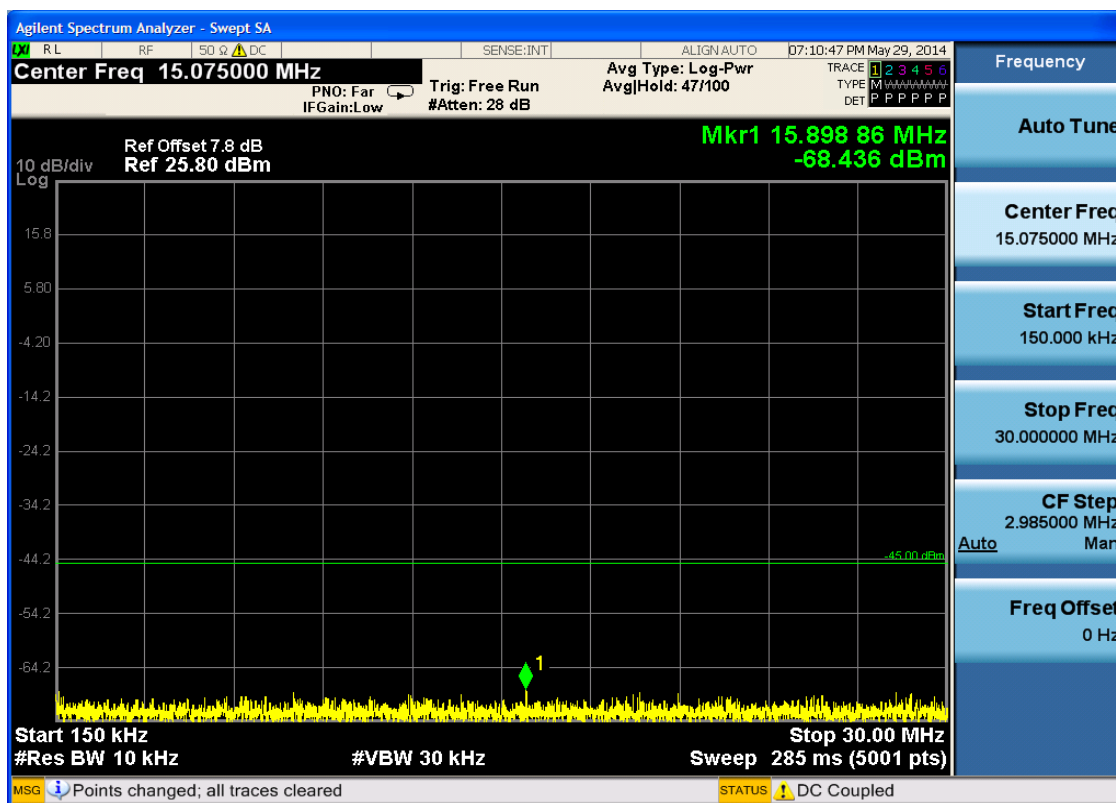


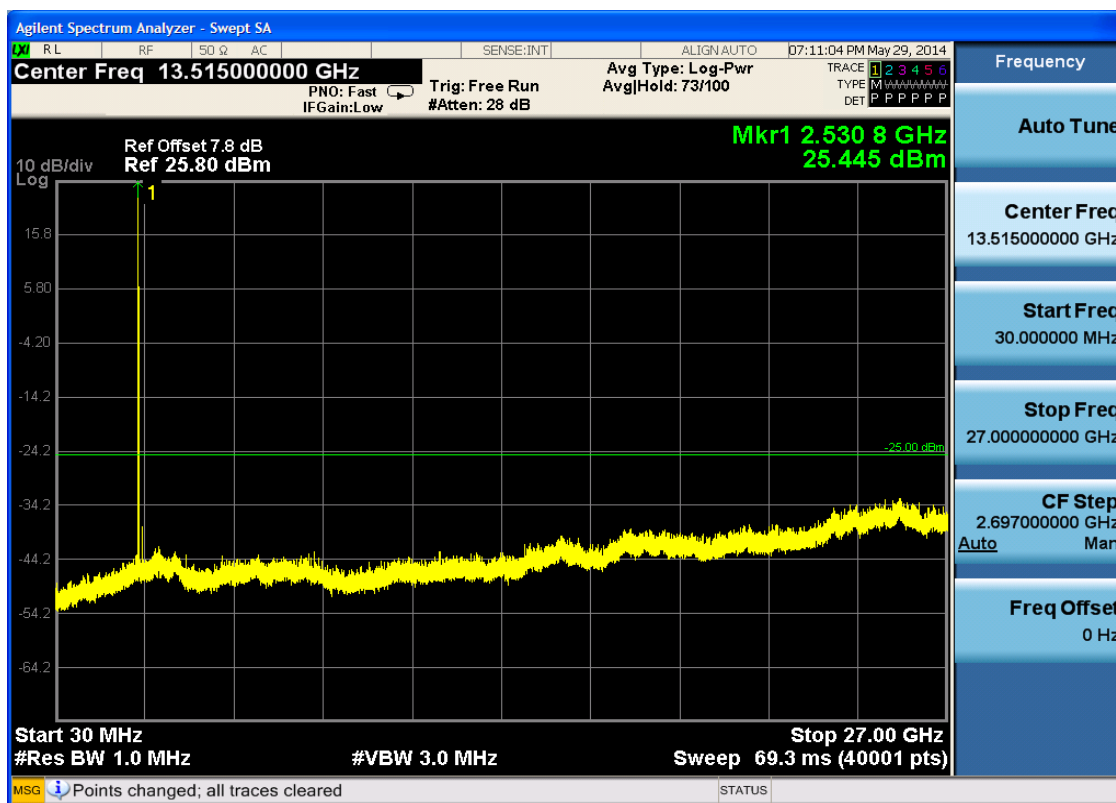


6.3.2.2.2 Test Channel = MCH

6.3.2.2.2.1 Test RB = RB1#0

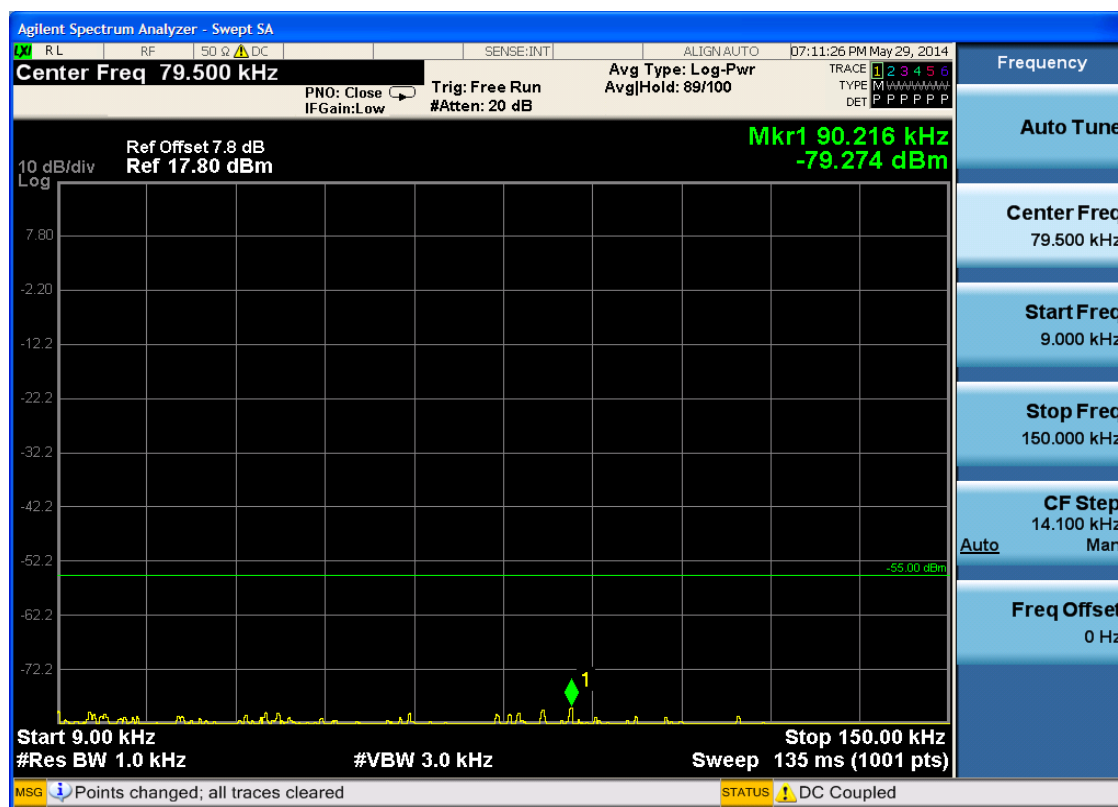


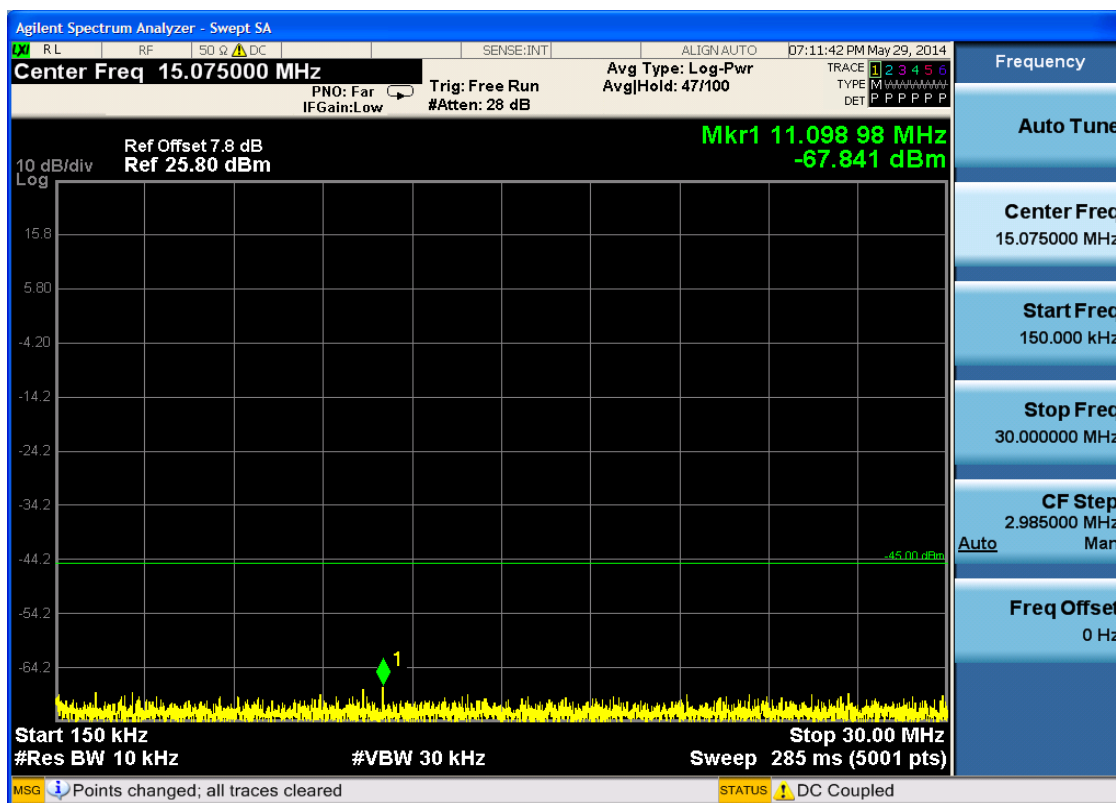


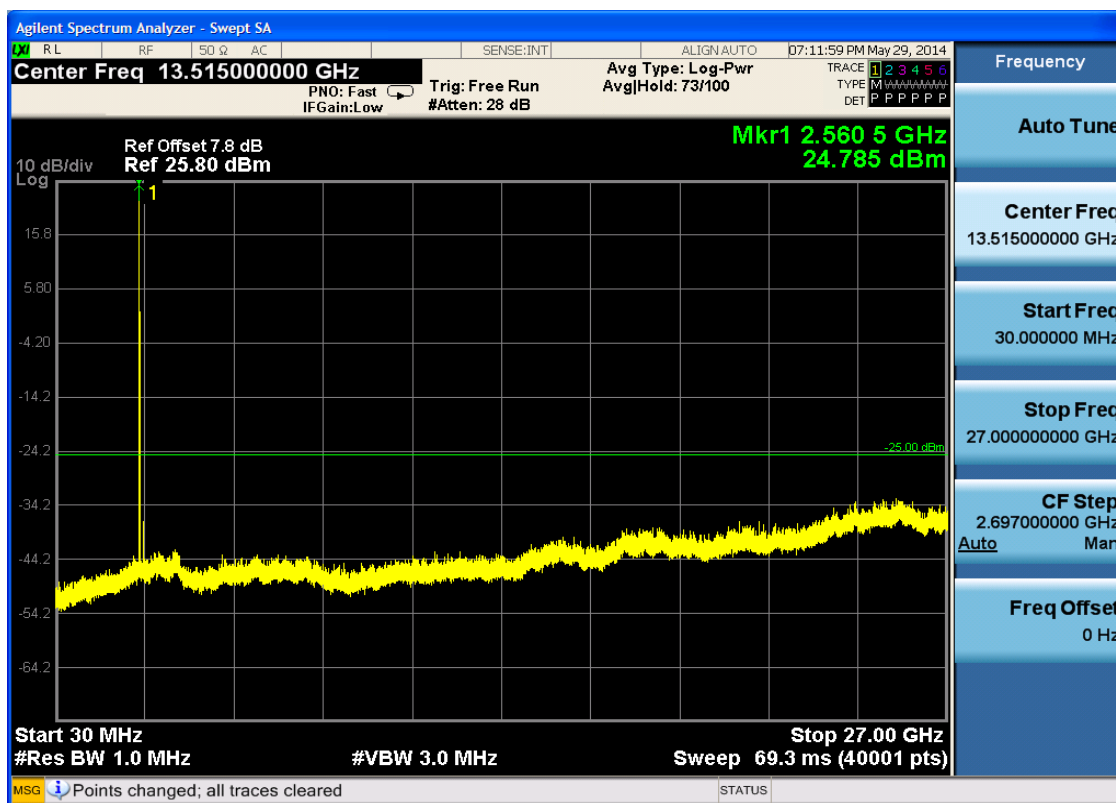


6.3.2.2.2.3 Test Channel = HCH

6.3.2.2.2.3.1 Test RB = RB1#0



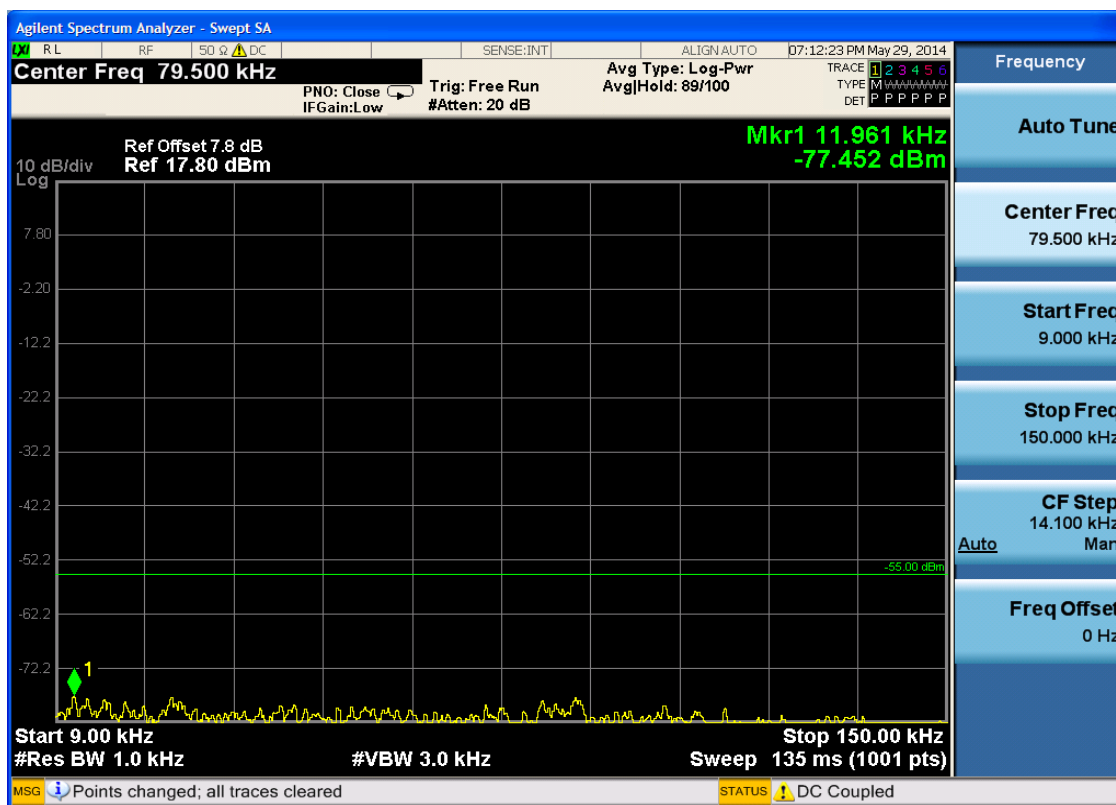


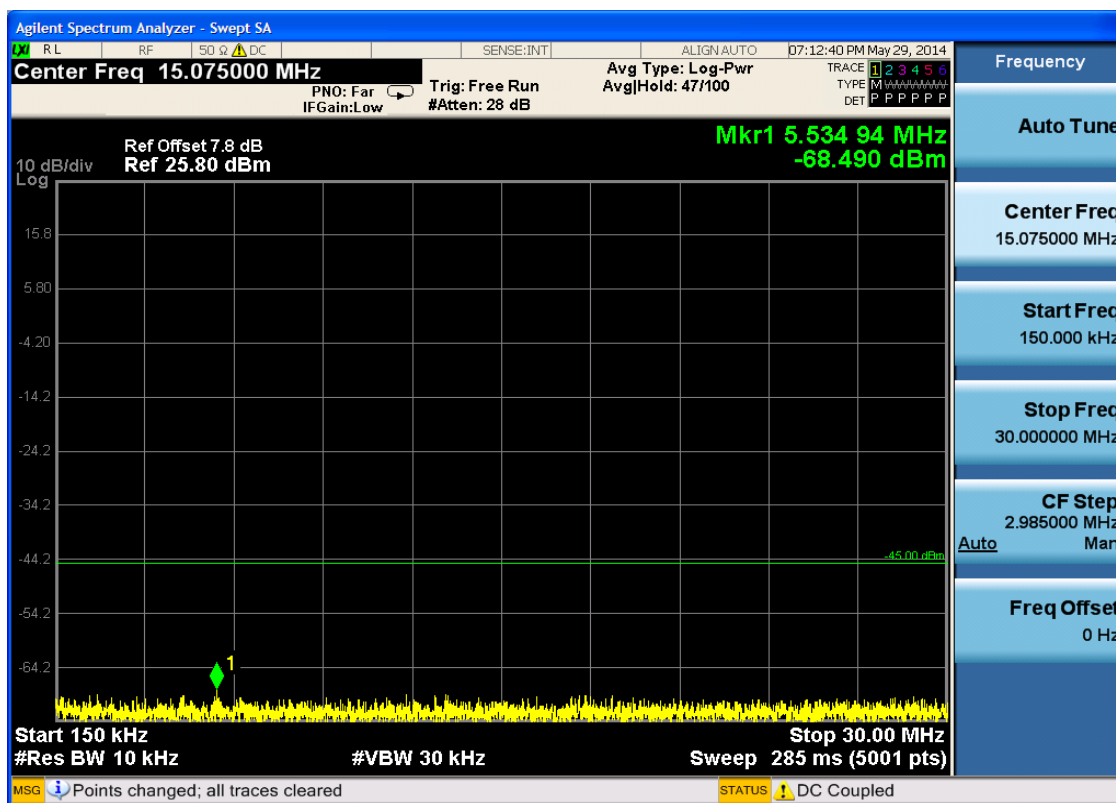


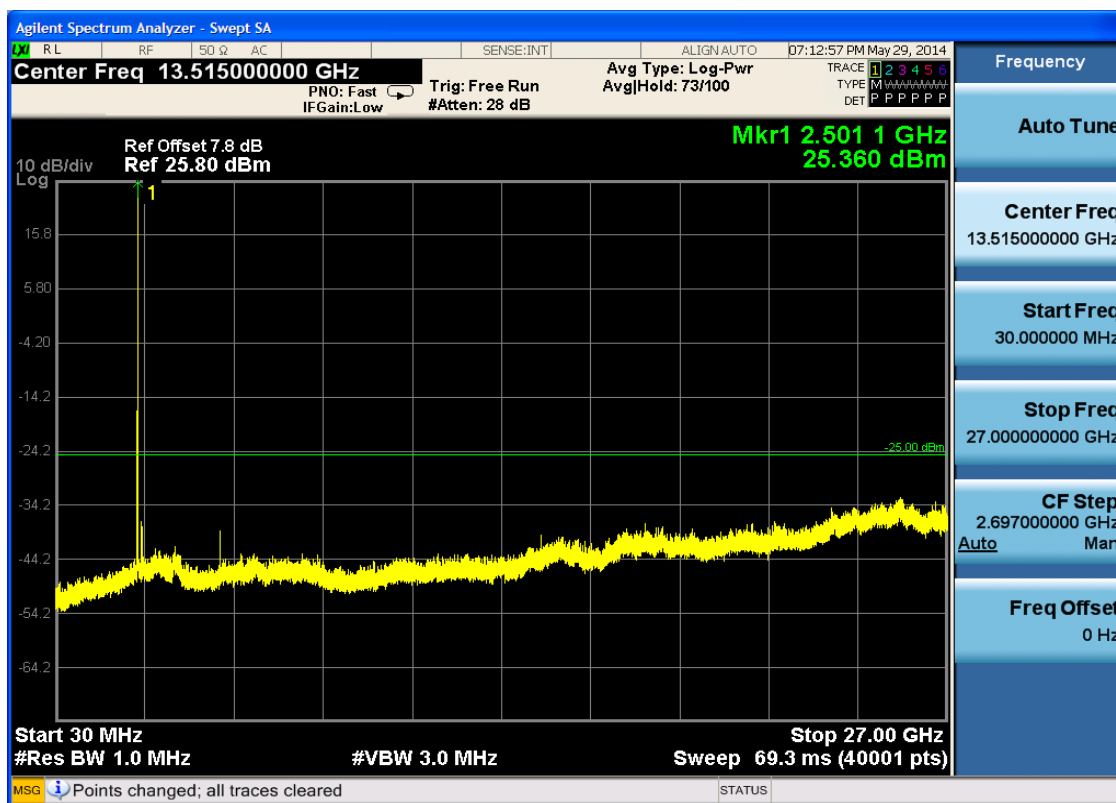
6.3.2.2.3 Test Bandwidth = 15

6.3.2.2.3.1 Test Channel = LCH

6.3.2.2.3.1.1 Test RB = RB1#0

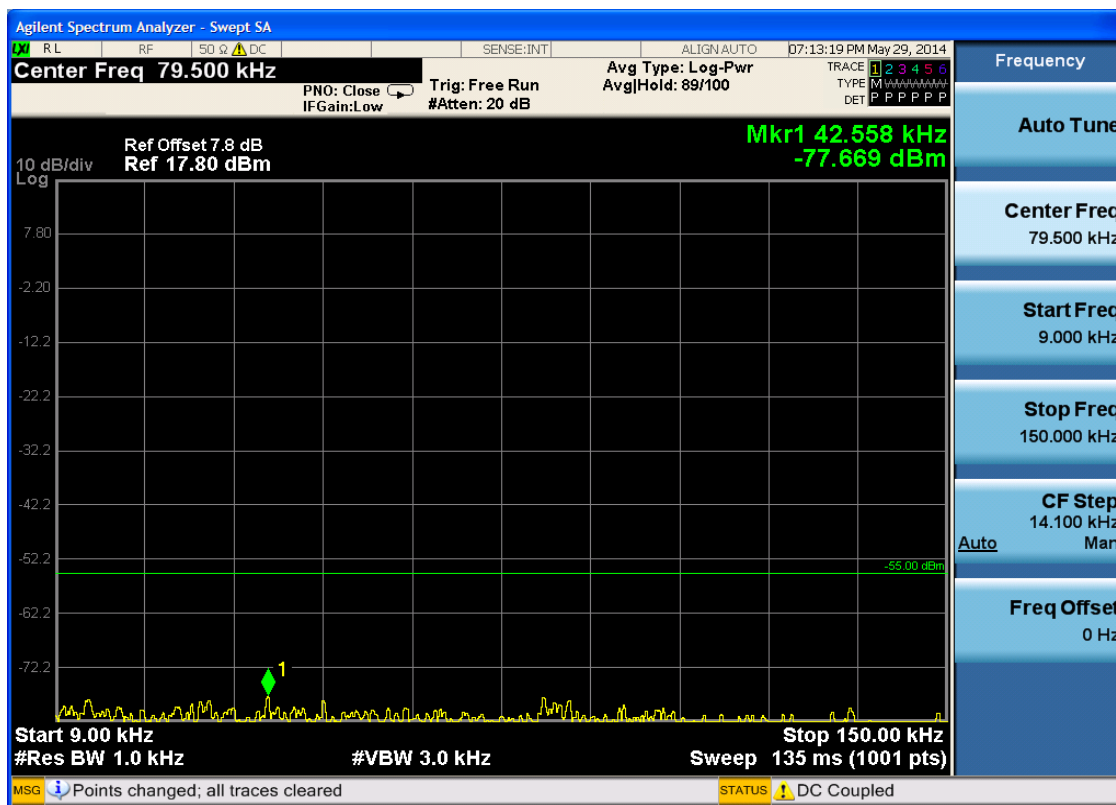


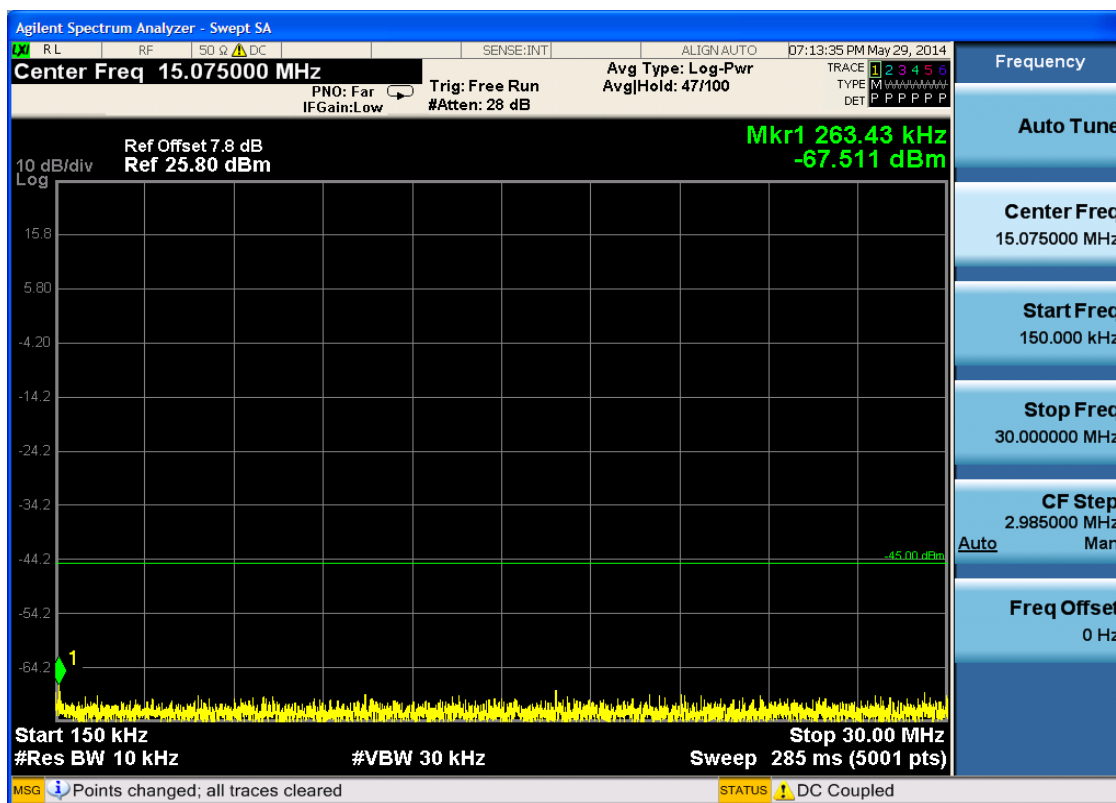


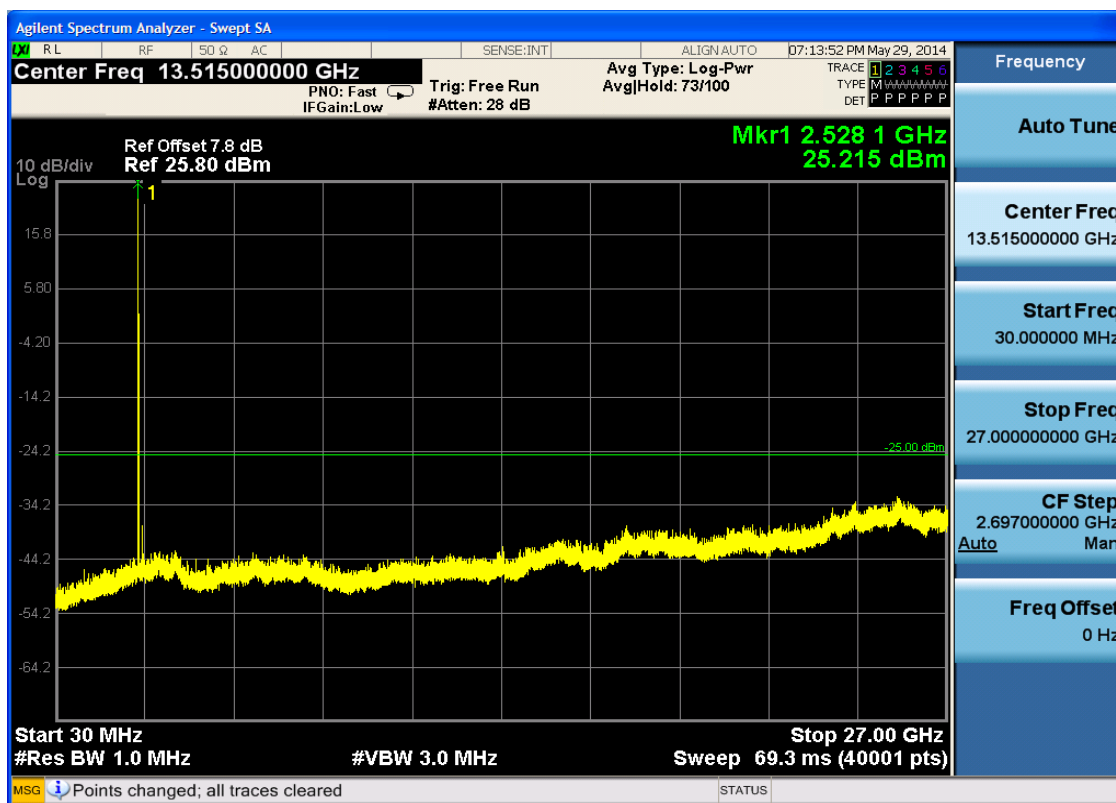


6.3.2.2.3.2 Test Channel = MCH

6.3.2.2.3.2.1 Test RB = RB1#0

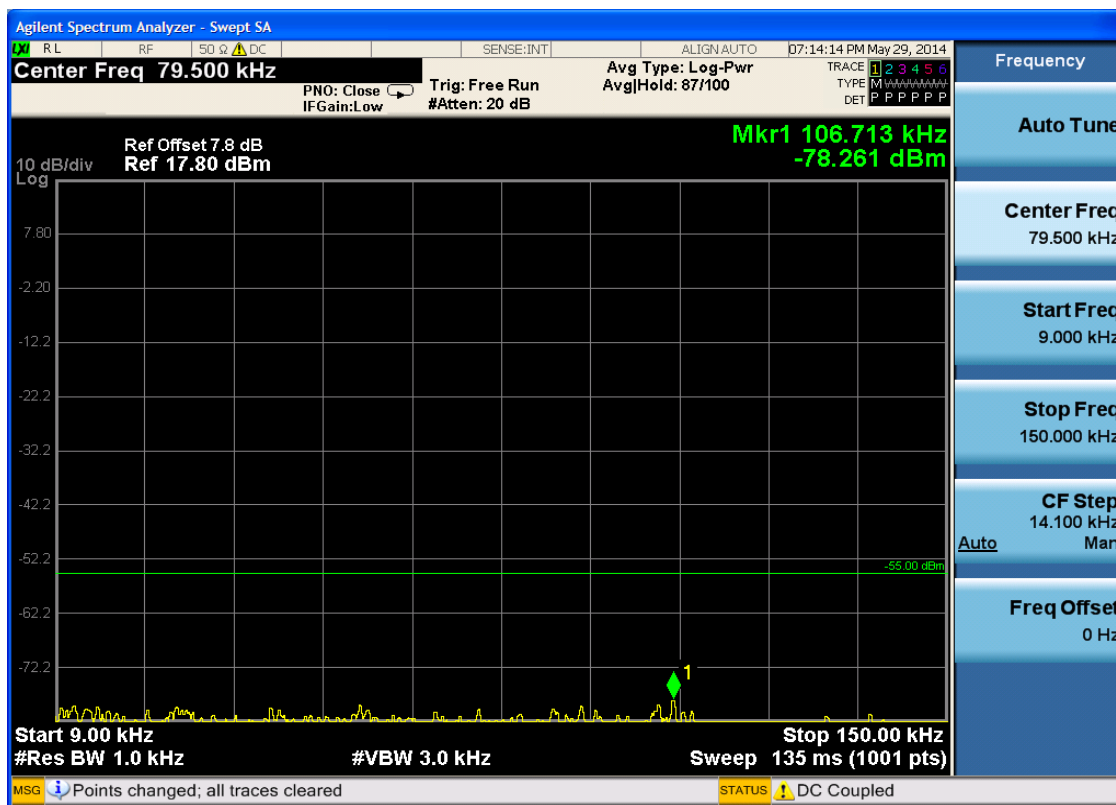


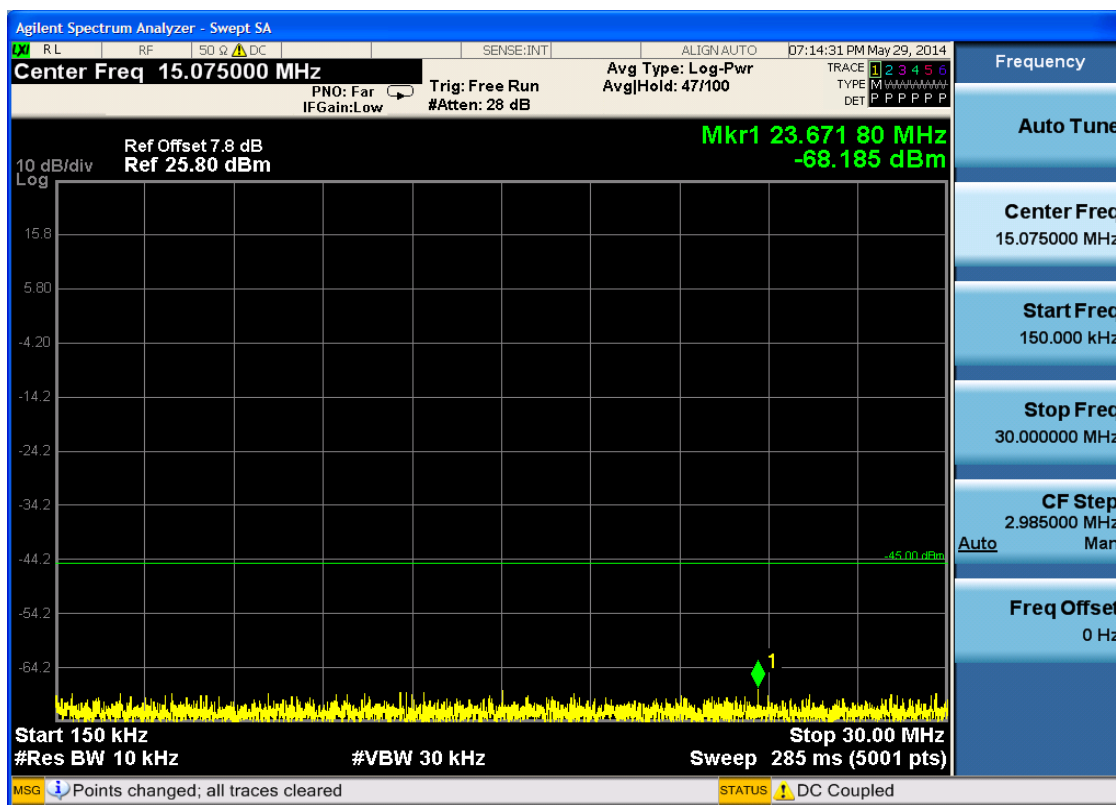


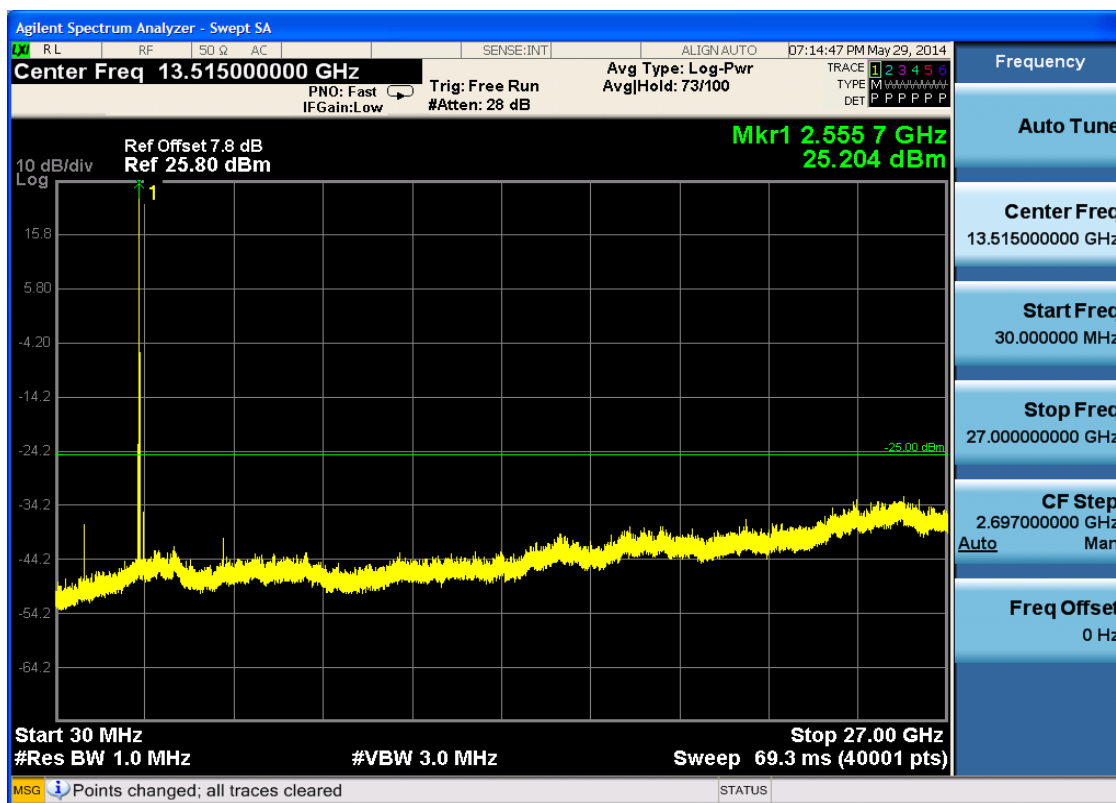


6.3.2.2.3.3 Test Channel = HCH

6.3.2.2.3.3.1 Test RB = RB1#0



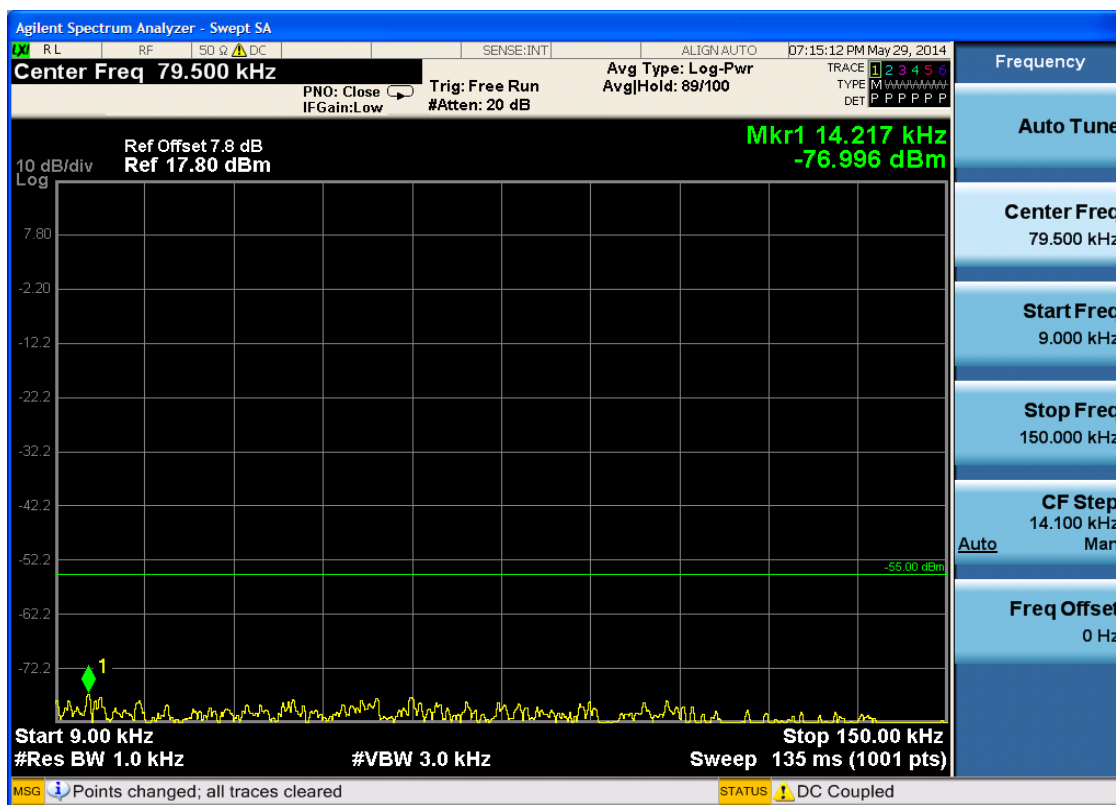


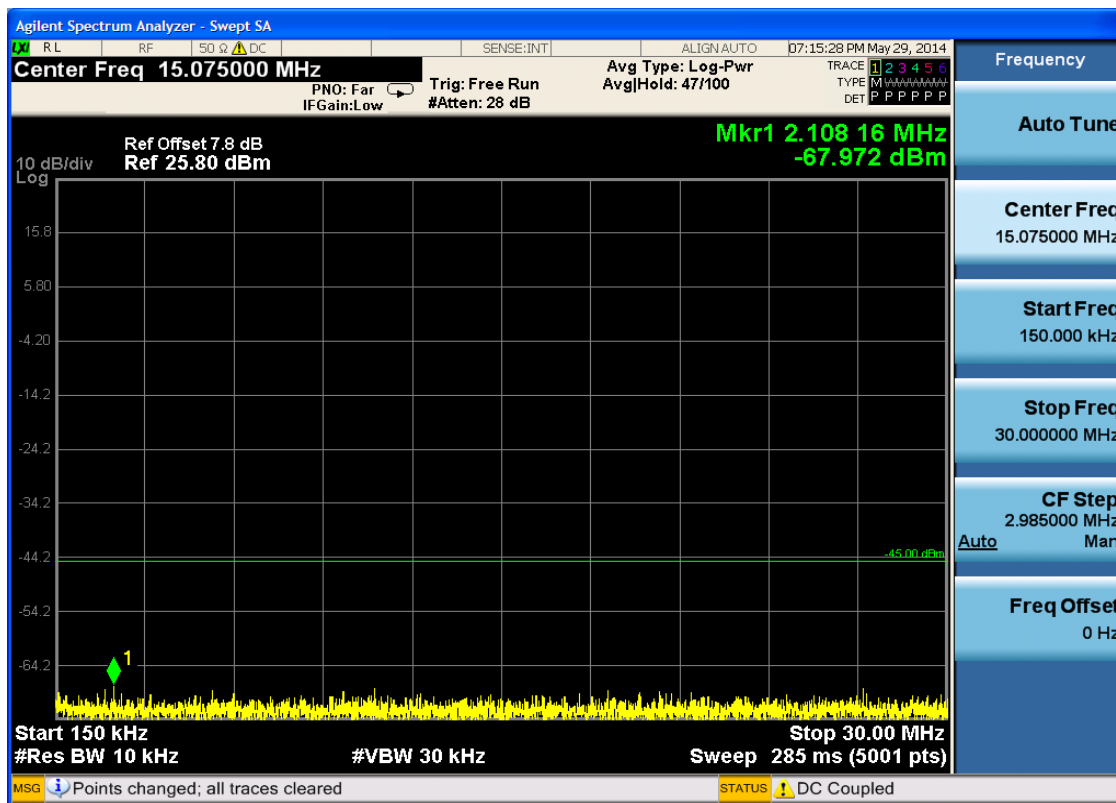


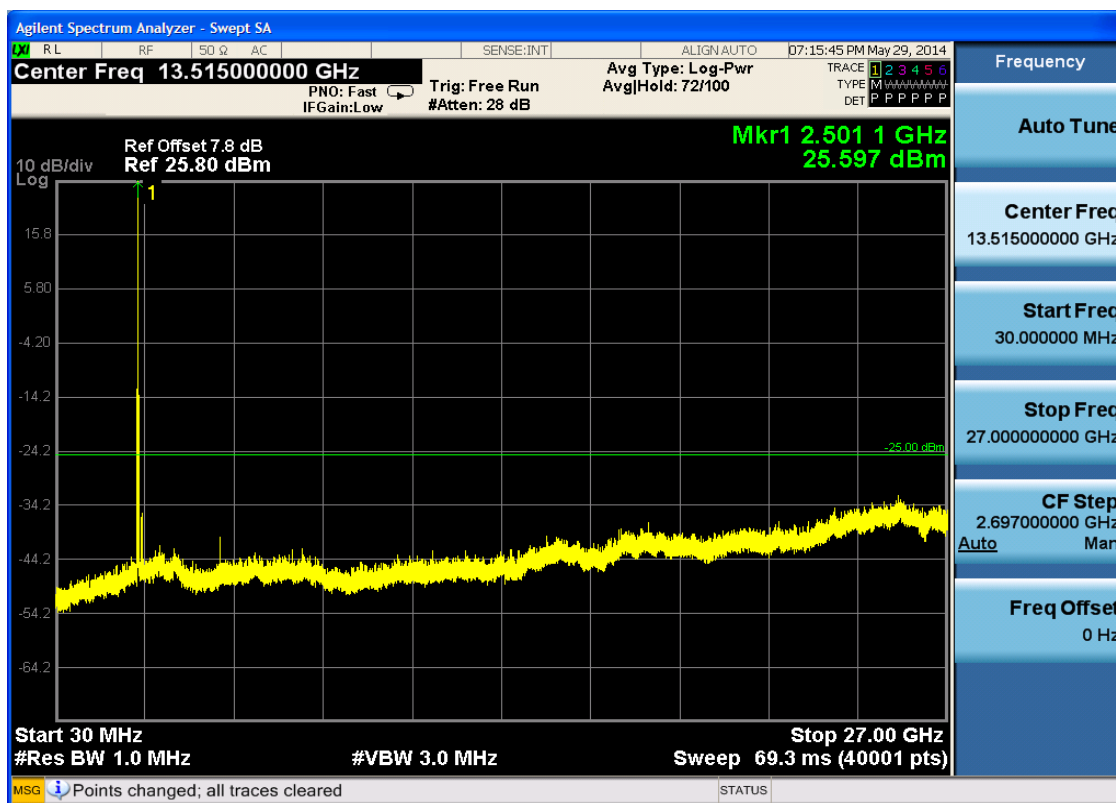
6.3.2.2.4 Test Bandwidth = 20

6.3.2.2.4.1 Test Channel = LCH

6.3.2.2.4.1.1 Test RB = RB1#0

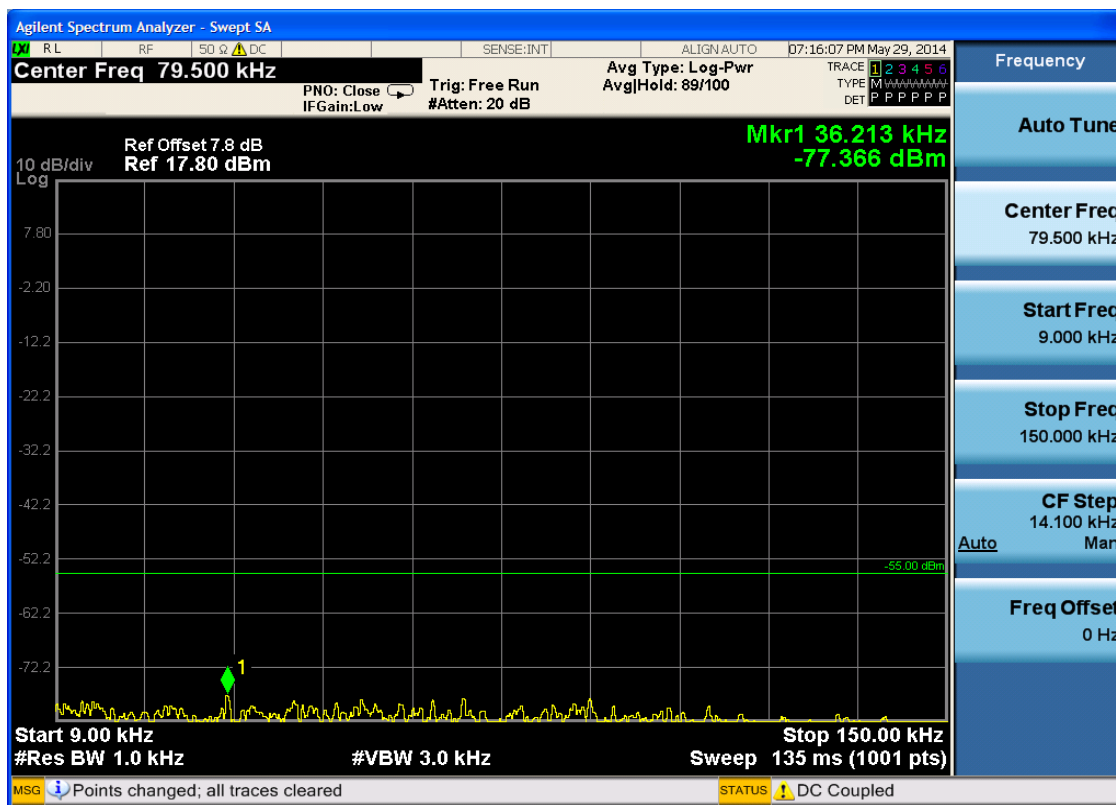


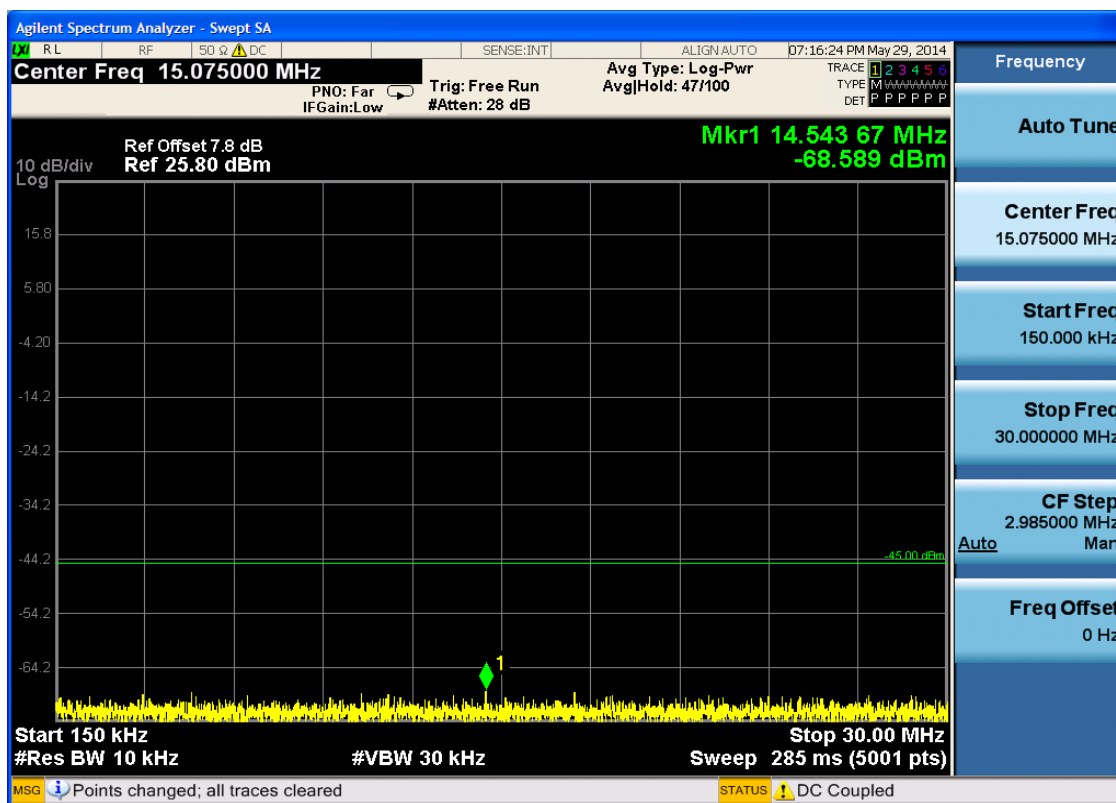


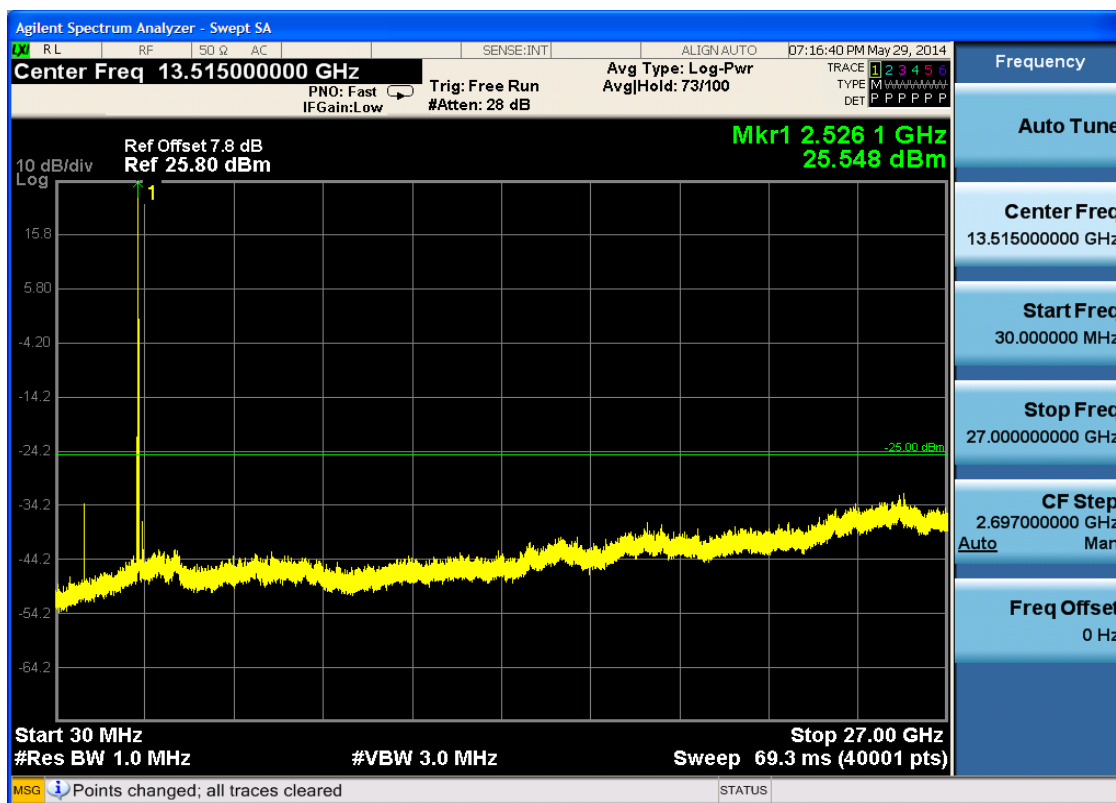


6.3.2.2.4.2 Test Channel = MCH

6.3.2.2.4.2.1 Test RB = RB1#0

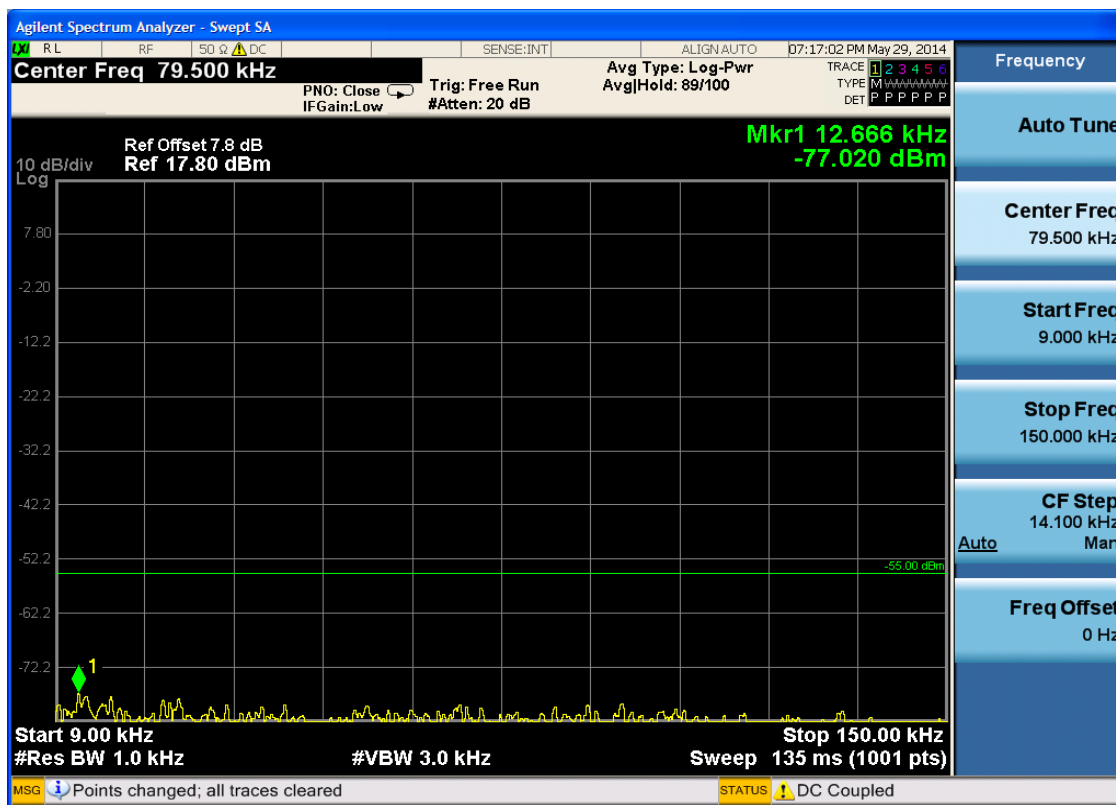


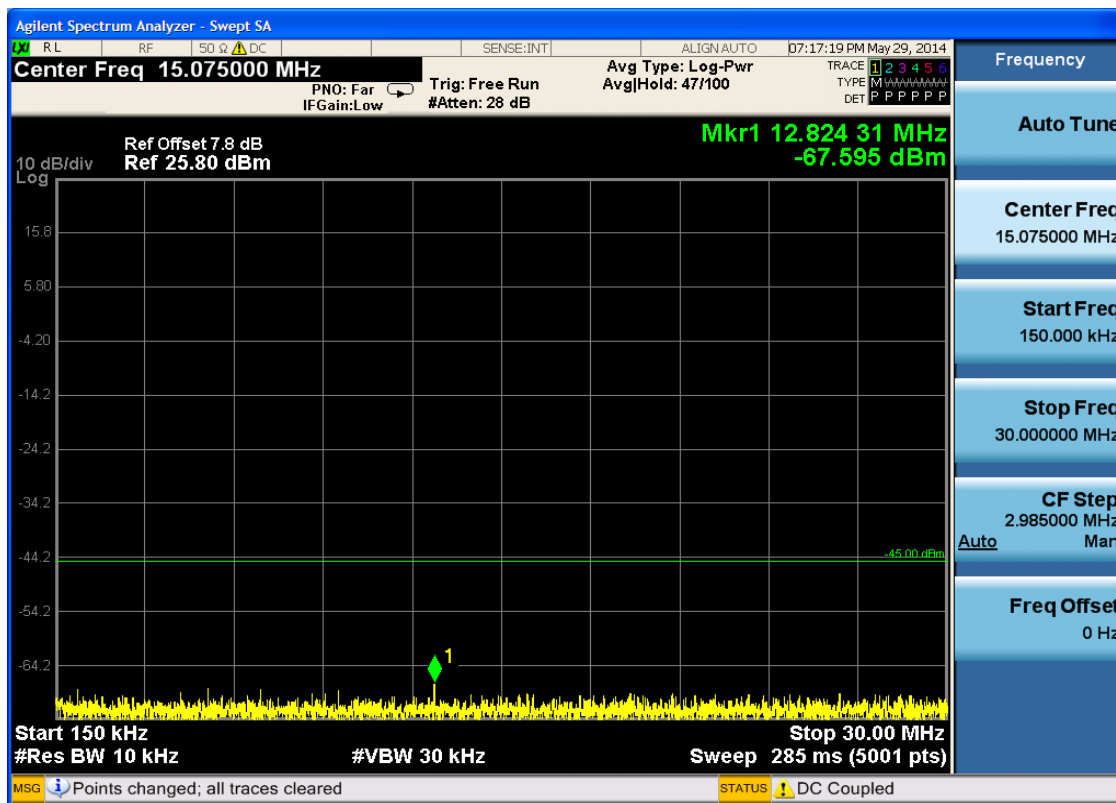


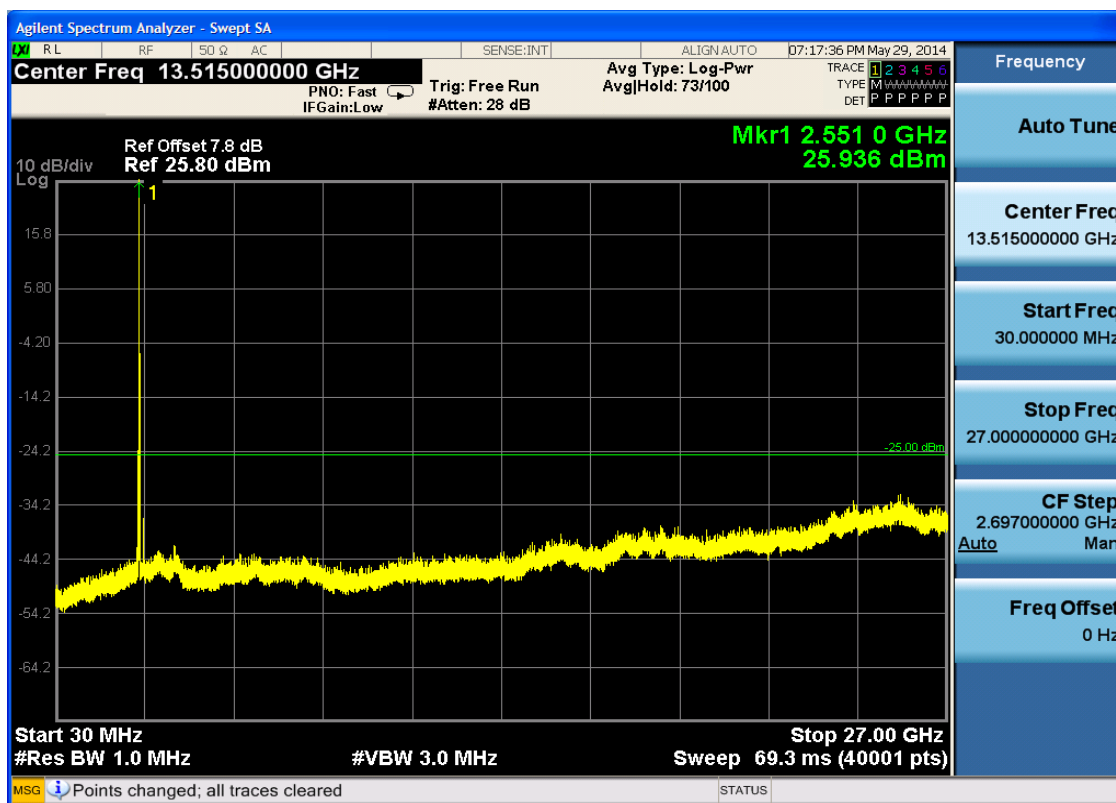


6.3.2.2.4.3 Test Channel = HCH

6.3.2.2.4.3.1 Test RB = RB1#0







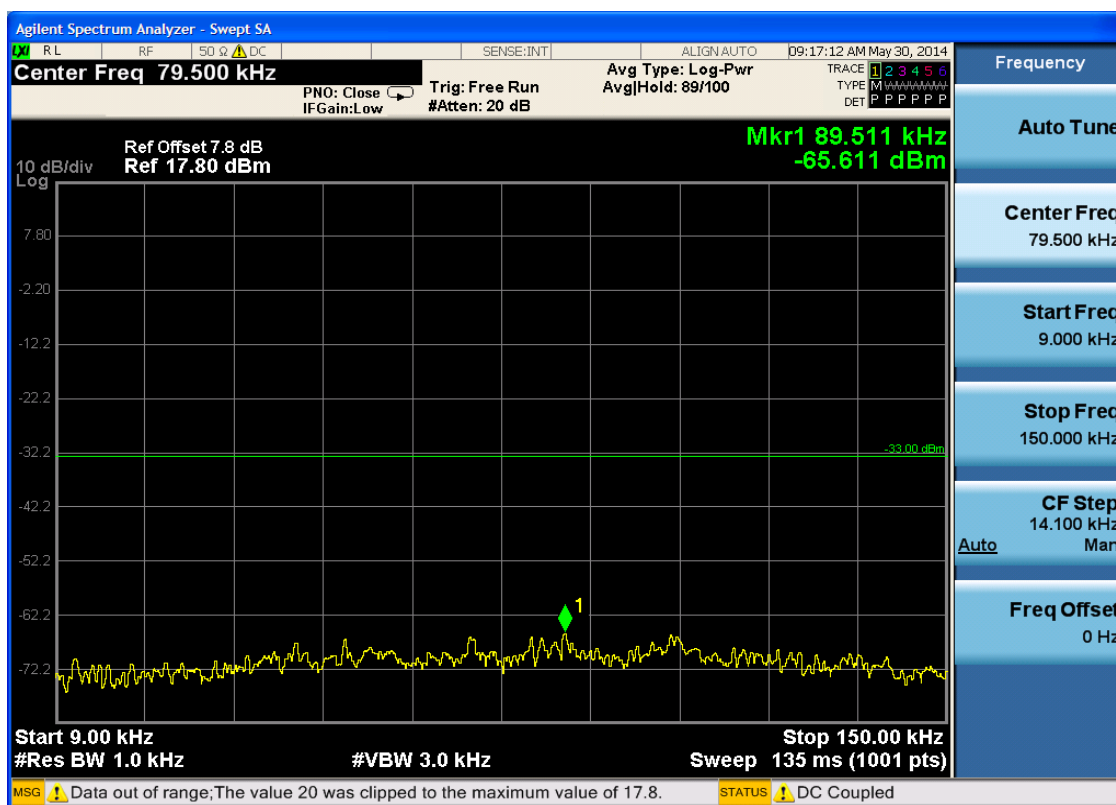
6.3.3 Test Band = BAND17

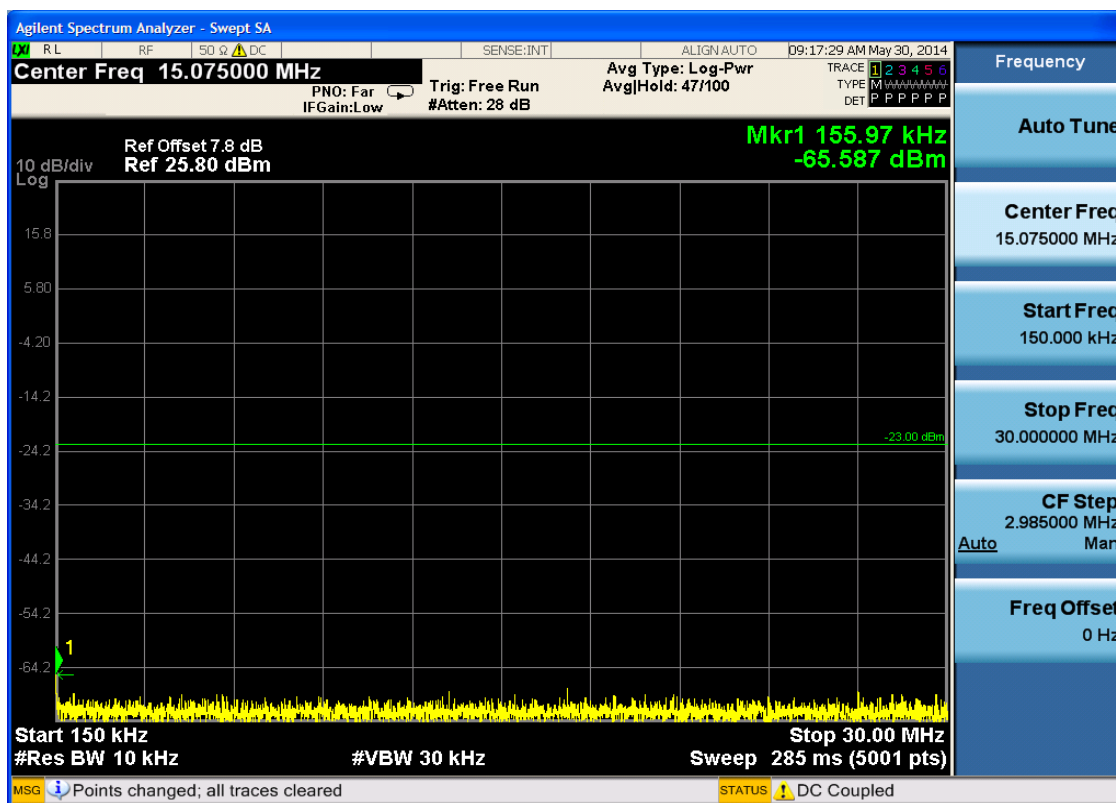
6.3.3.1 Test Mode = LTE/TM1

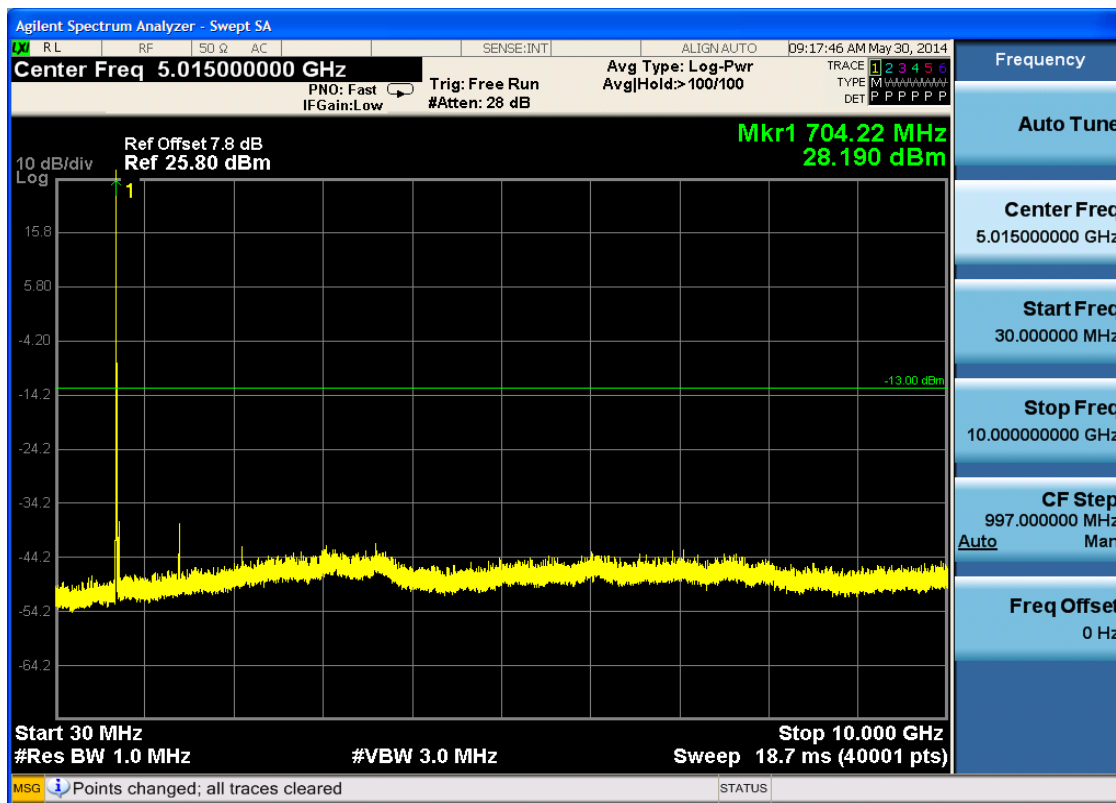
6.3.3.1.1 Test Bandwidth = 5

6.3.3.1.1.1 Test Channel = LCH

6.3.3.1.1.1.1 Test RB = RB1#0

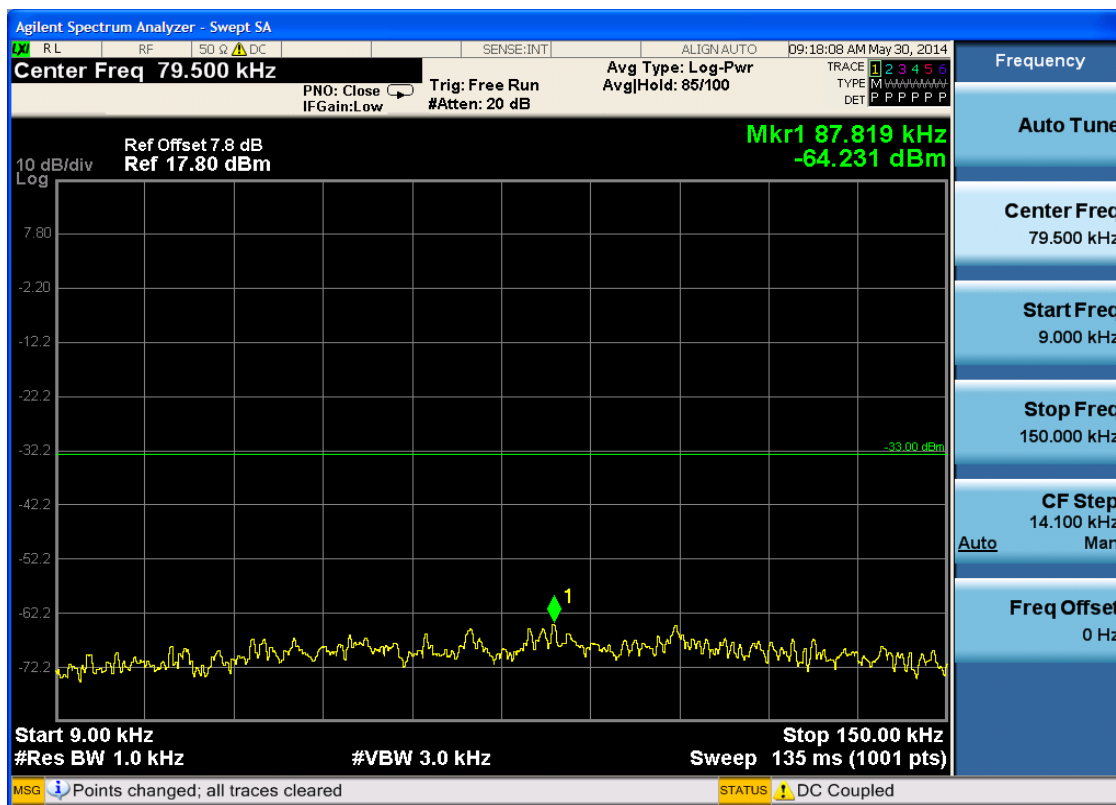


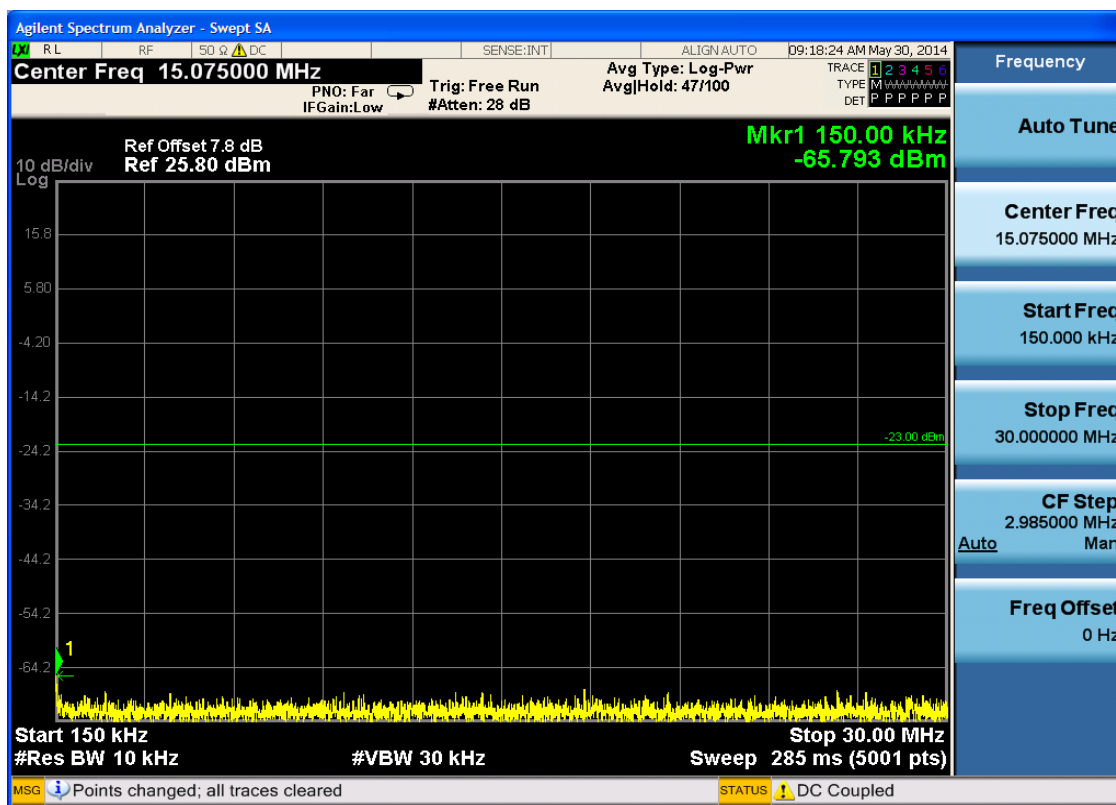


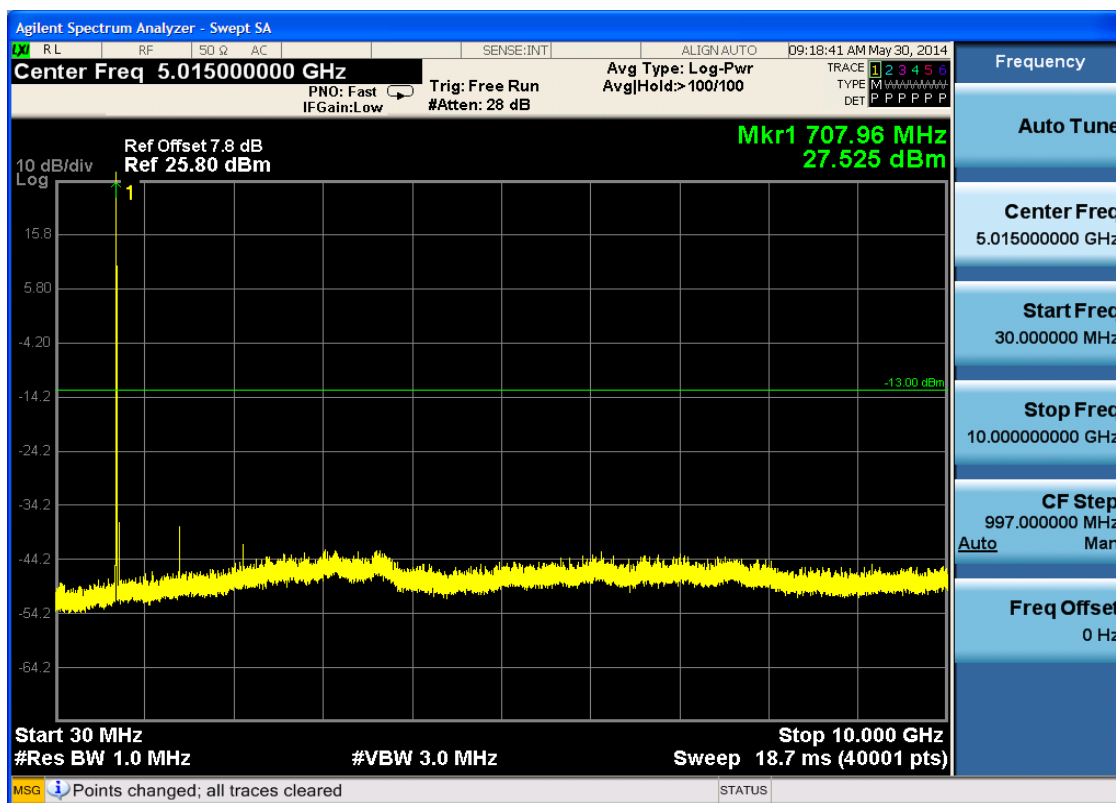


6.3.3.1.1.2 Test Channel = MCH

6.3.3.1.1.2.1 Test RB = RB1#0

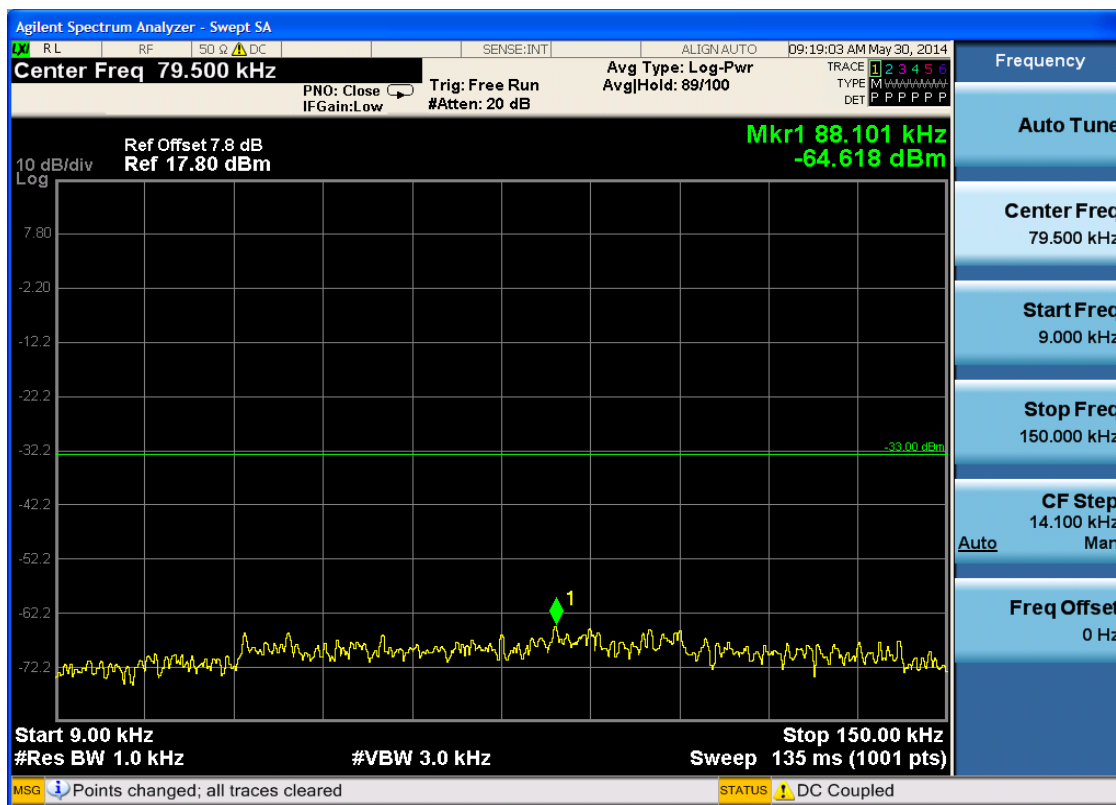


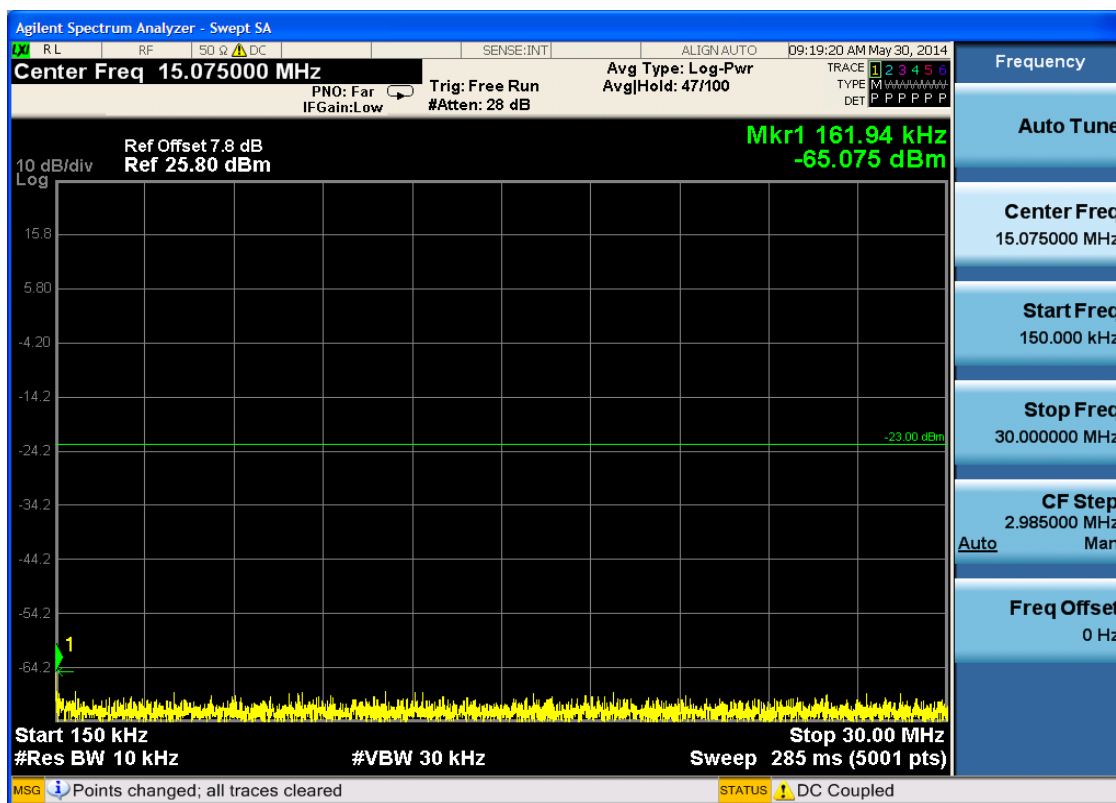


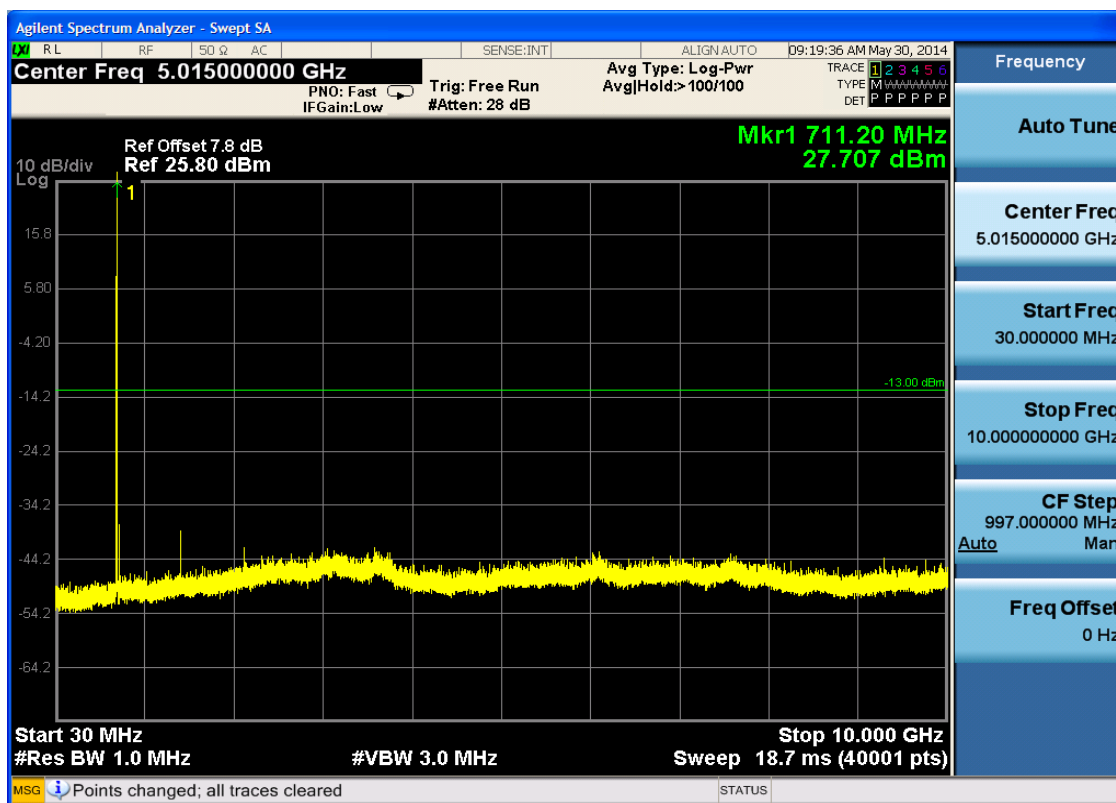


6.3.3.1.1.3 Test Channel = HCH

6.3.3.1.1.3.1 Test RB = RB1#0



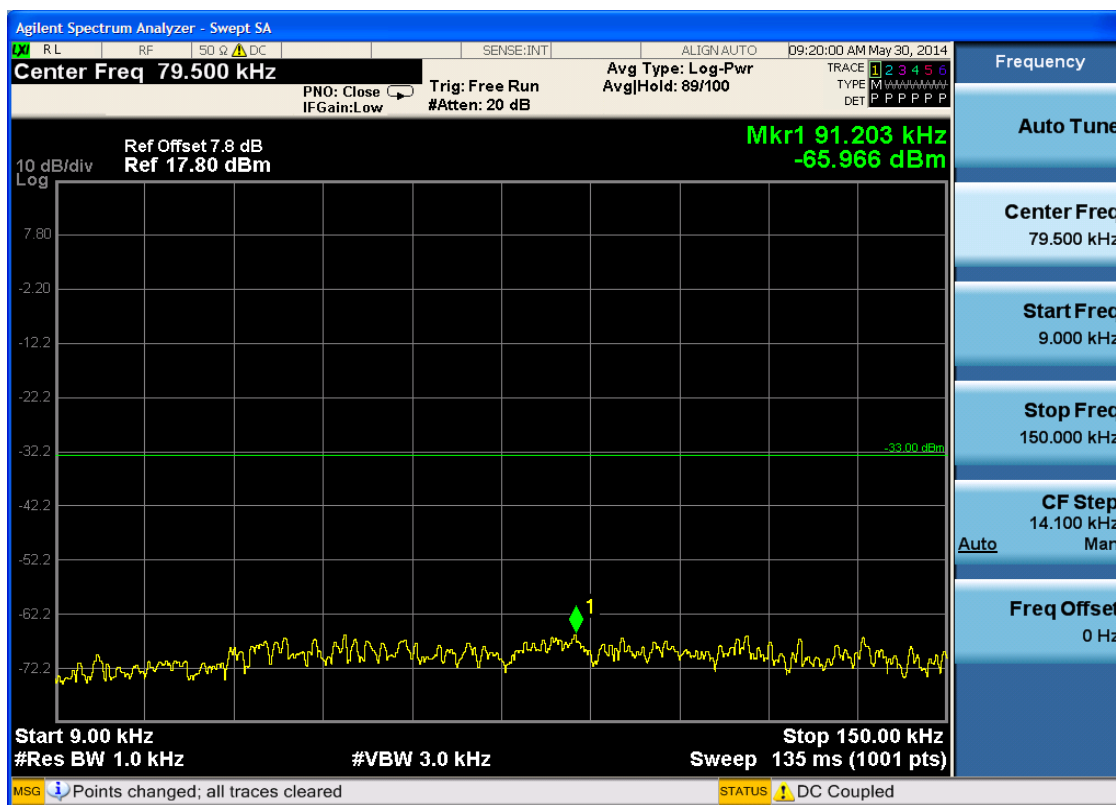


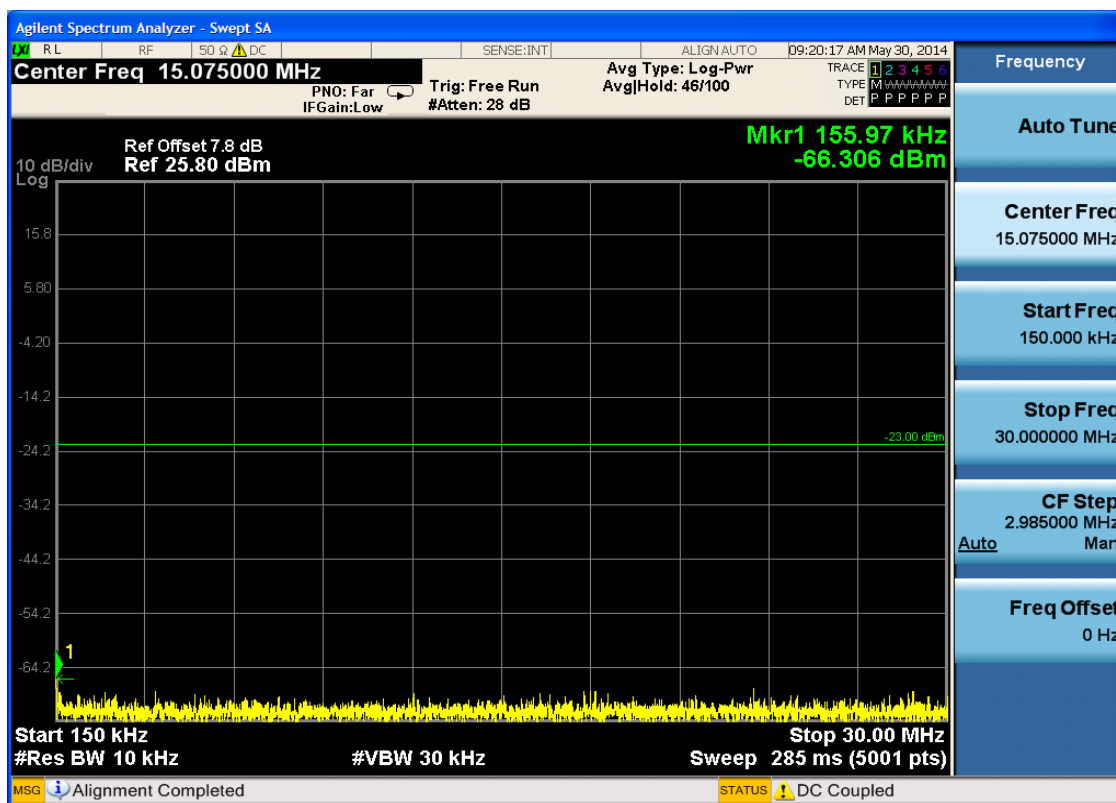


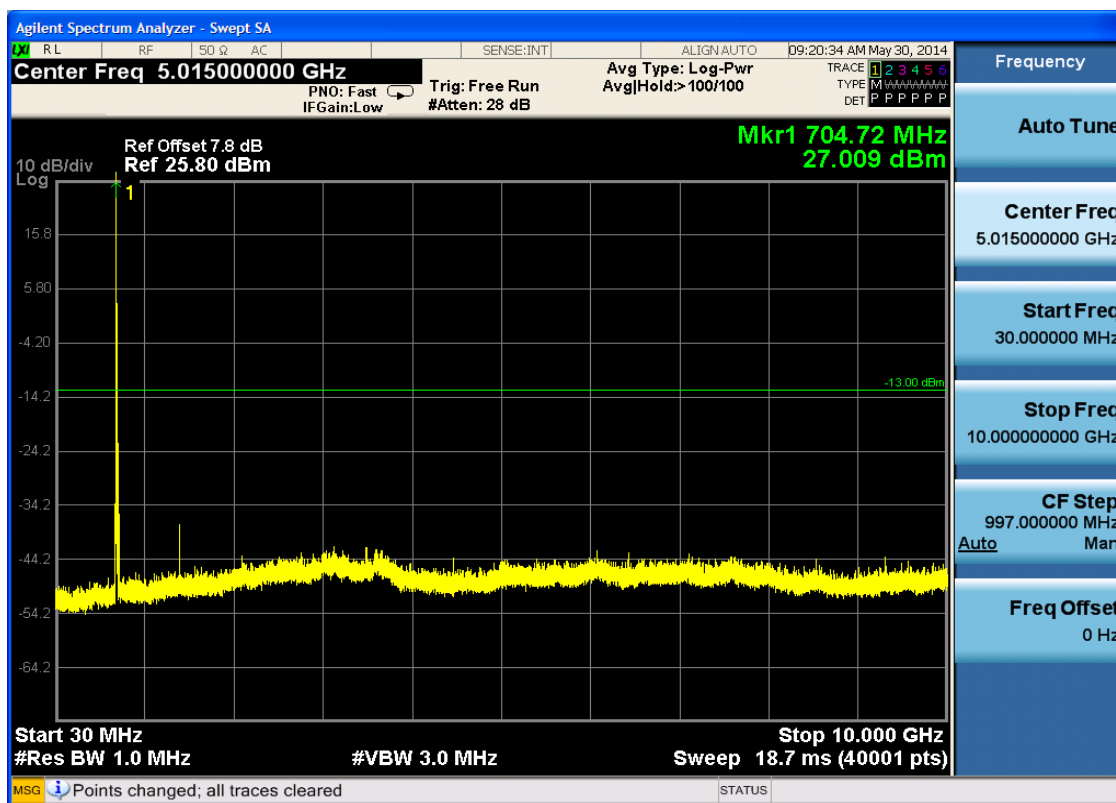
6.3.3.1.2 Test Bandwidth = 10

6.3.3.1.2.1 Test Channel = LCH

6.3.3.1.2.1.1 Test RB = RB1#0

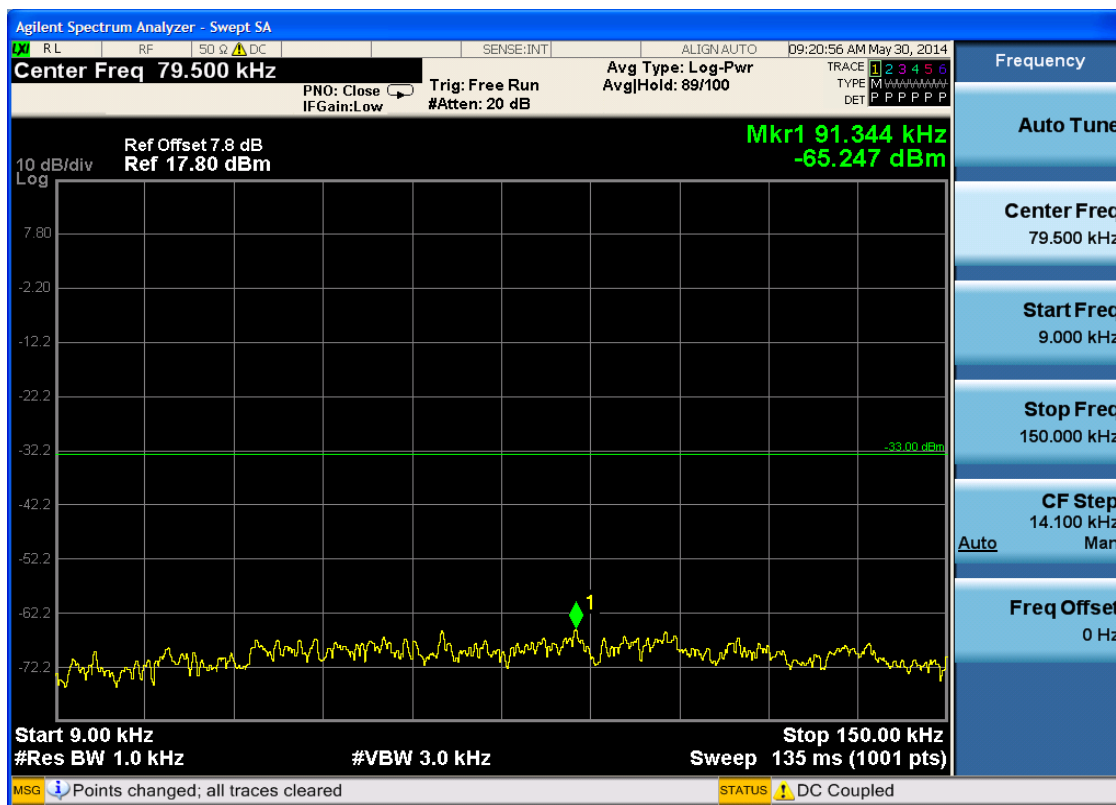


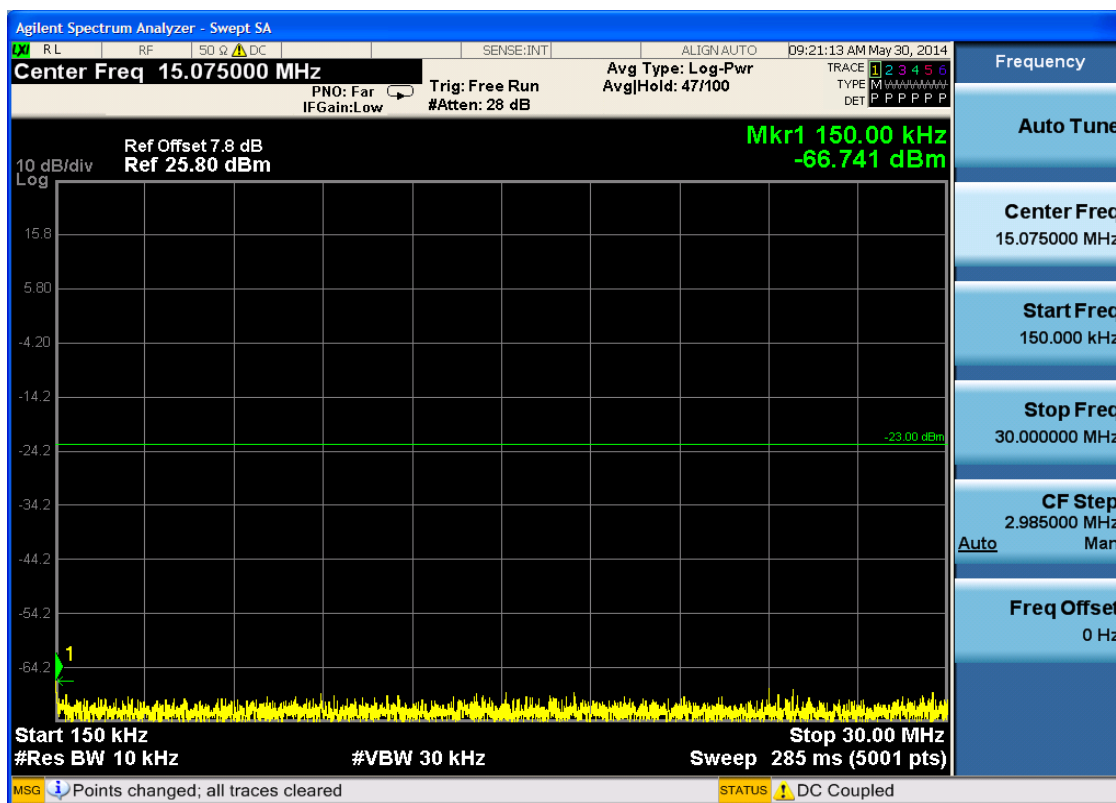


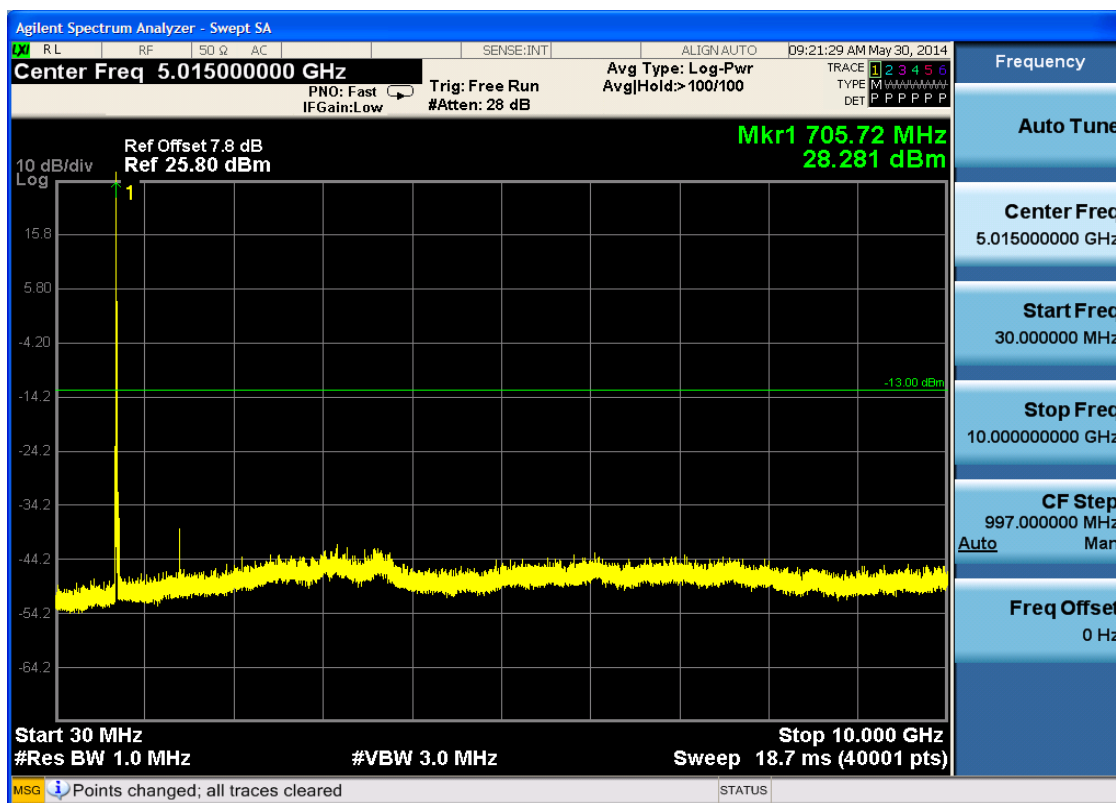


6.3.3.1.2.2 Test Channel = MCH

6.3.3.1.2.2.1 Test RB = RB1#0

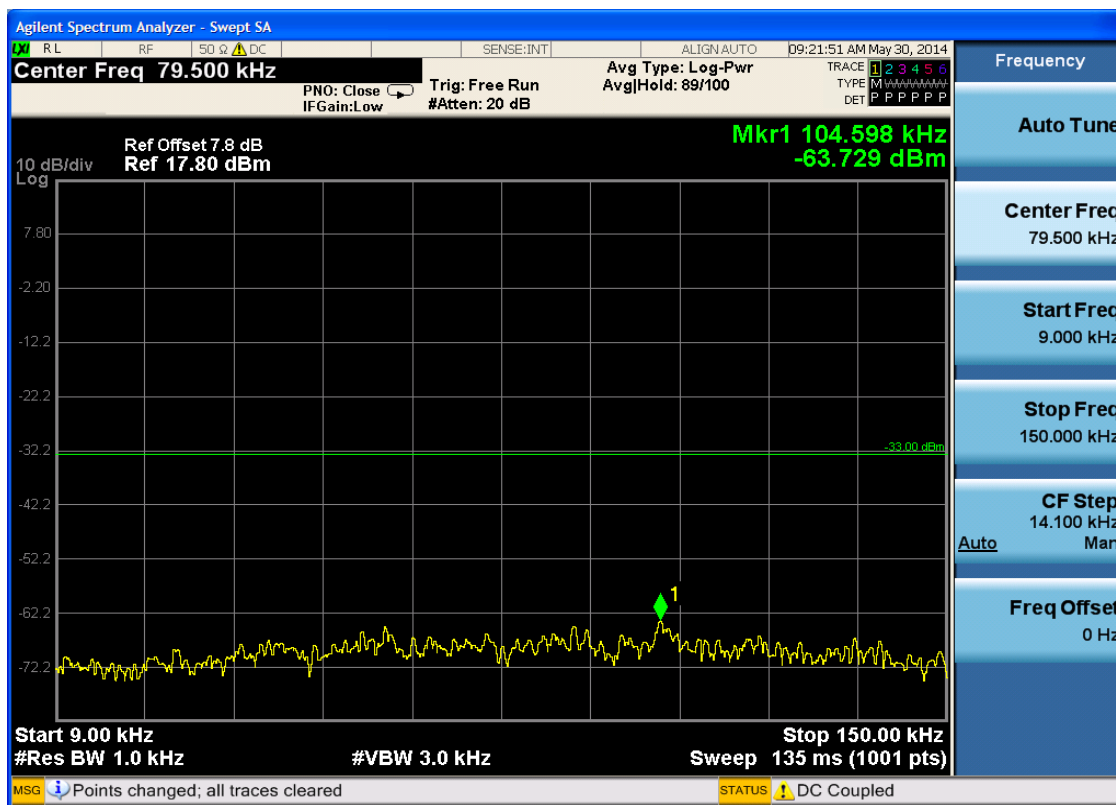


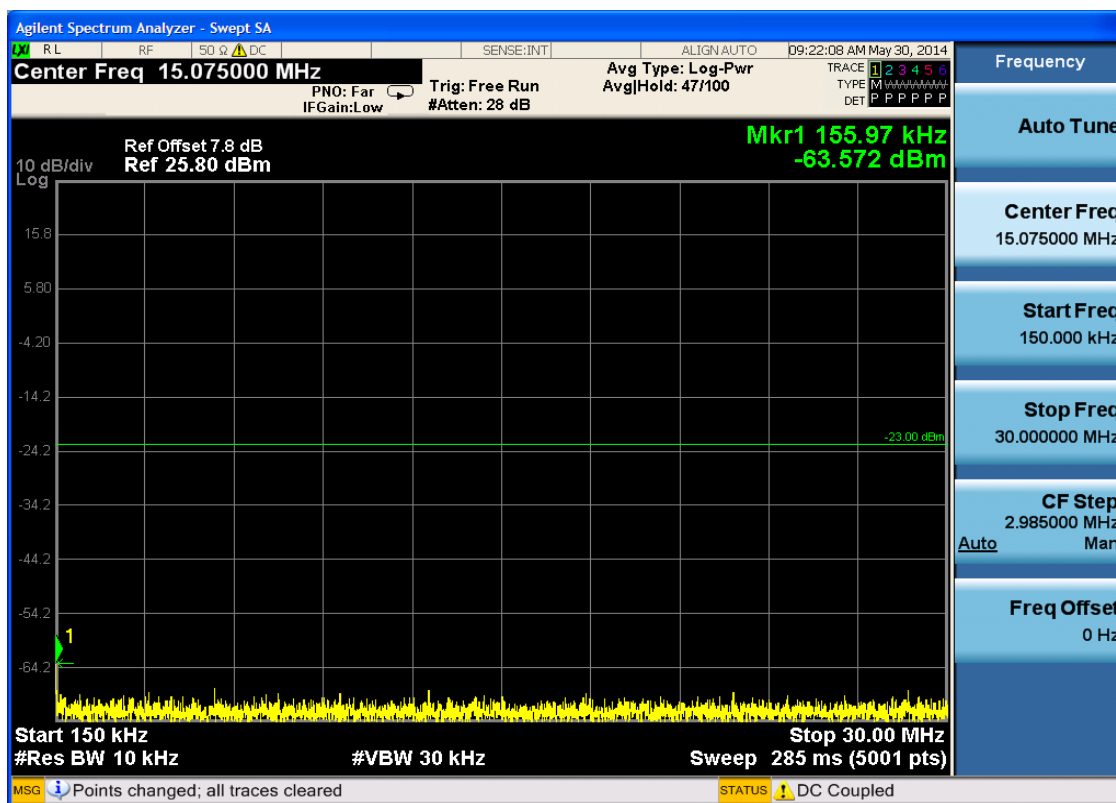


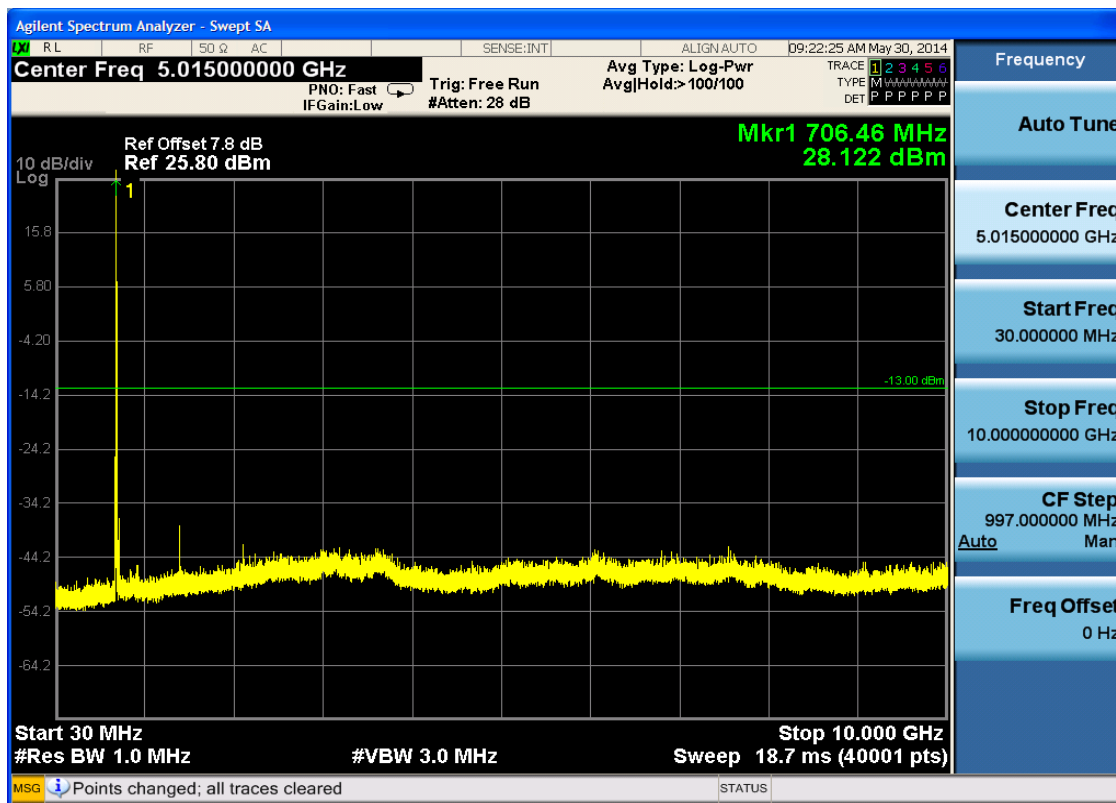


6.3.3.1.2.3 Test Channel = HCH

6.3.3.1.2.3.1 Test RB = RB1#0





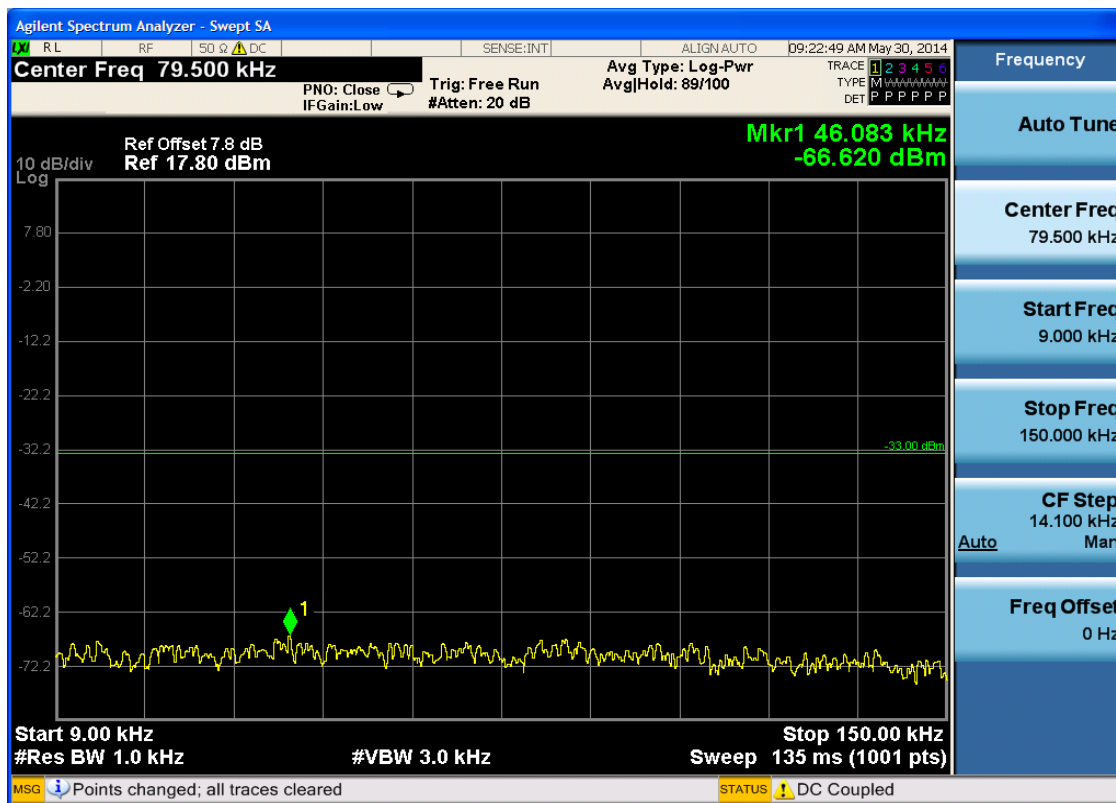


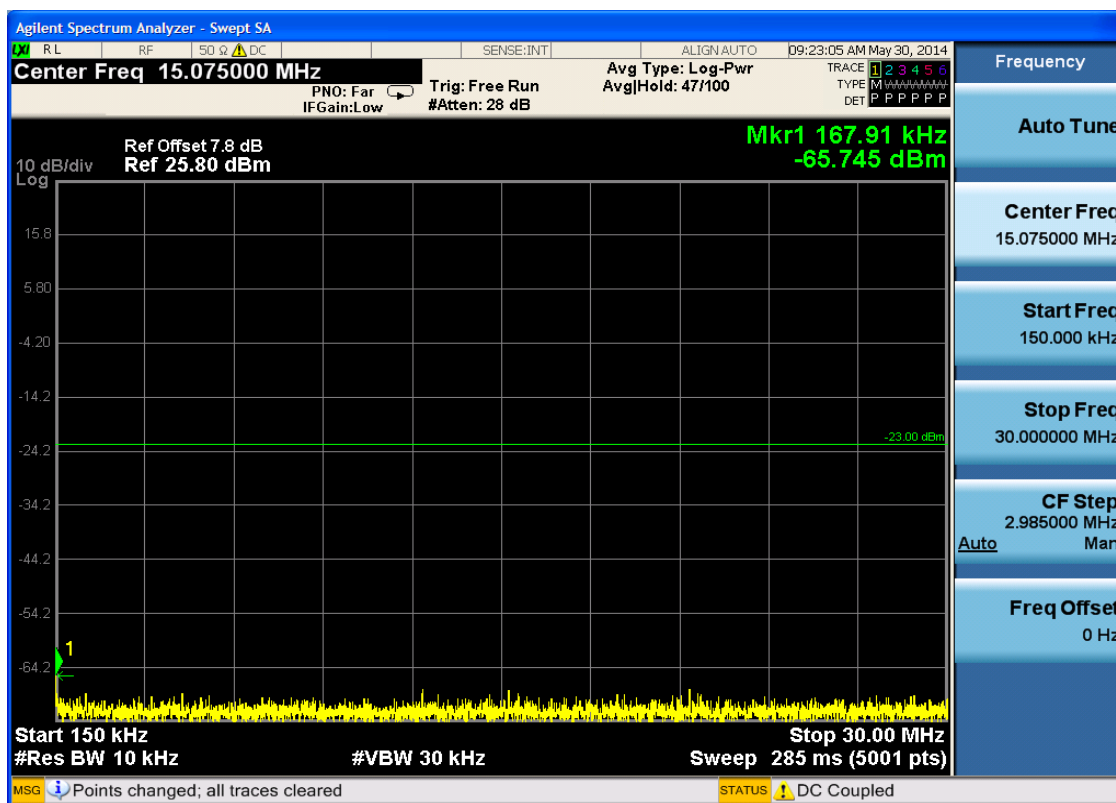
6.3.3.2 Test Mode = LTE/TM2

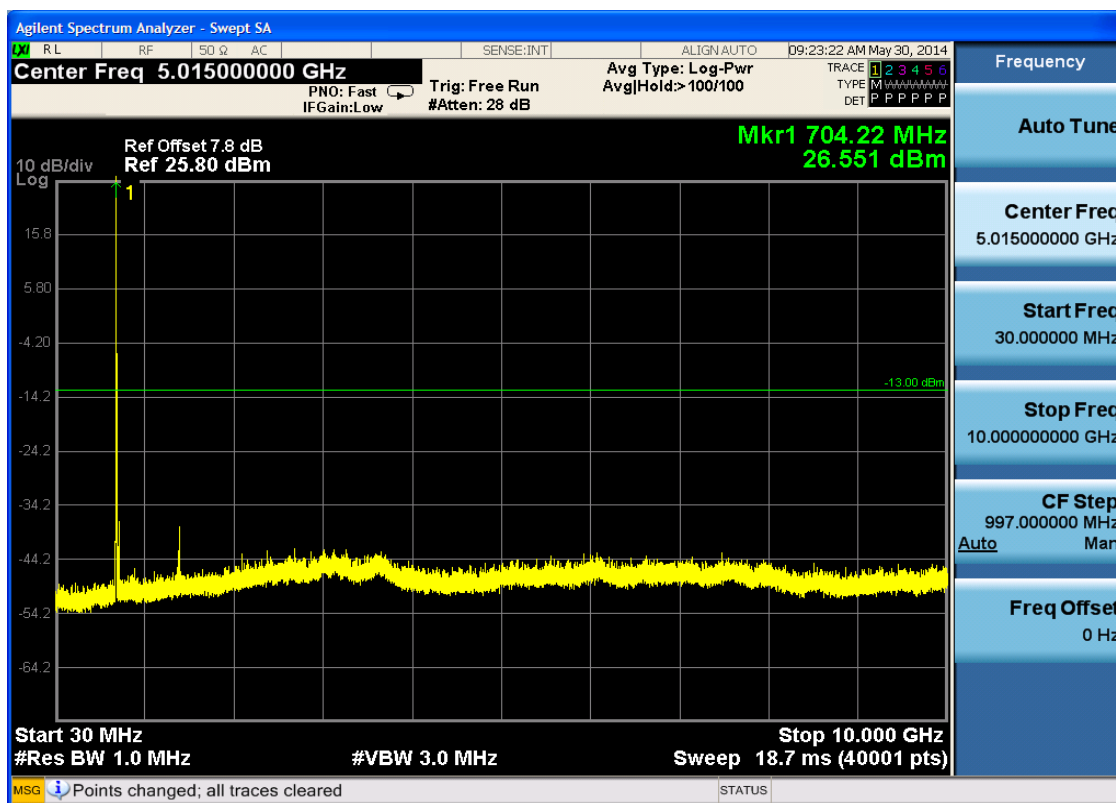
6.3.3.2.1 Test Bandwidth = 5

6.3.3.2.1.1 Test Channel = LCH

6.3.3.2.1.1.1 Test RB = RB1#0

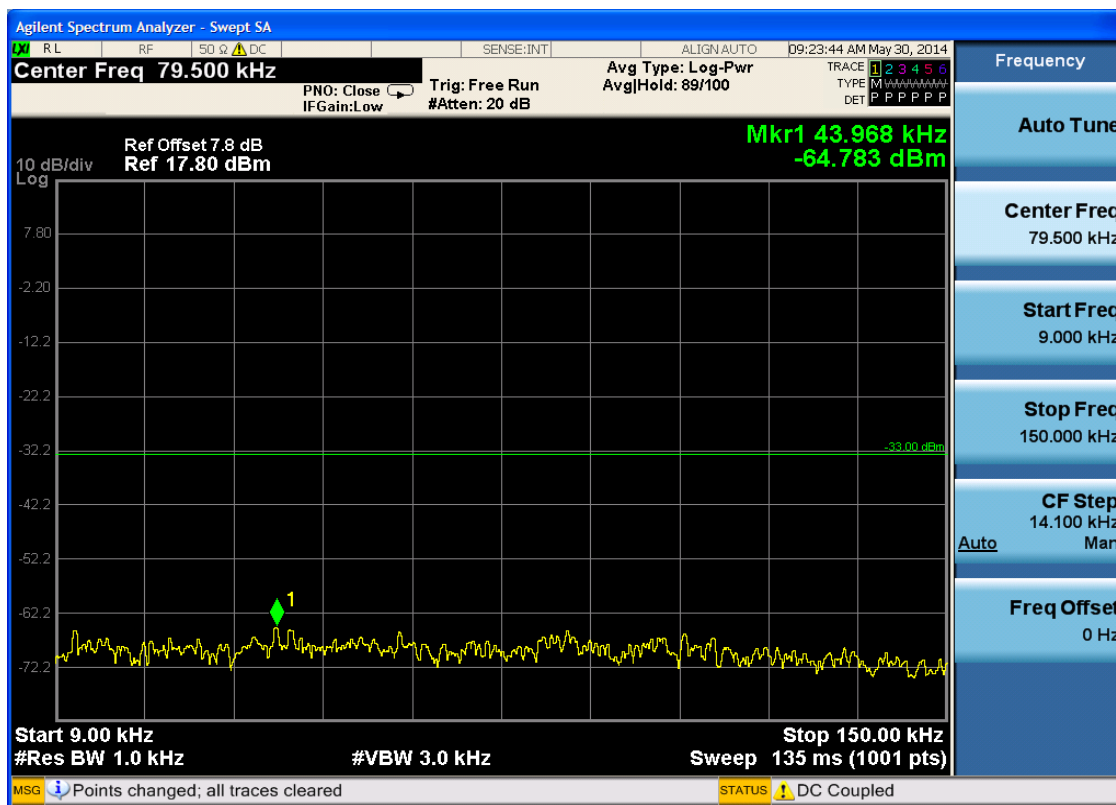


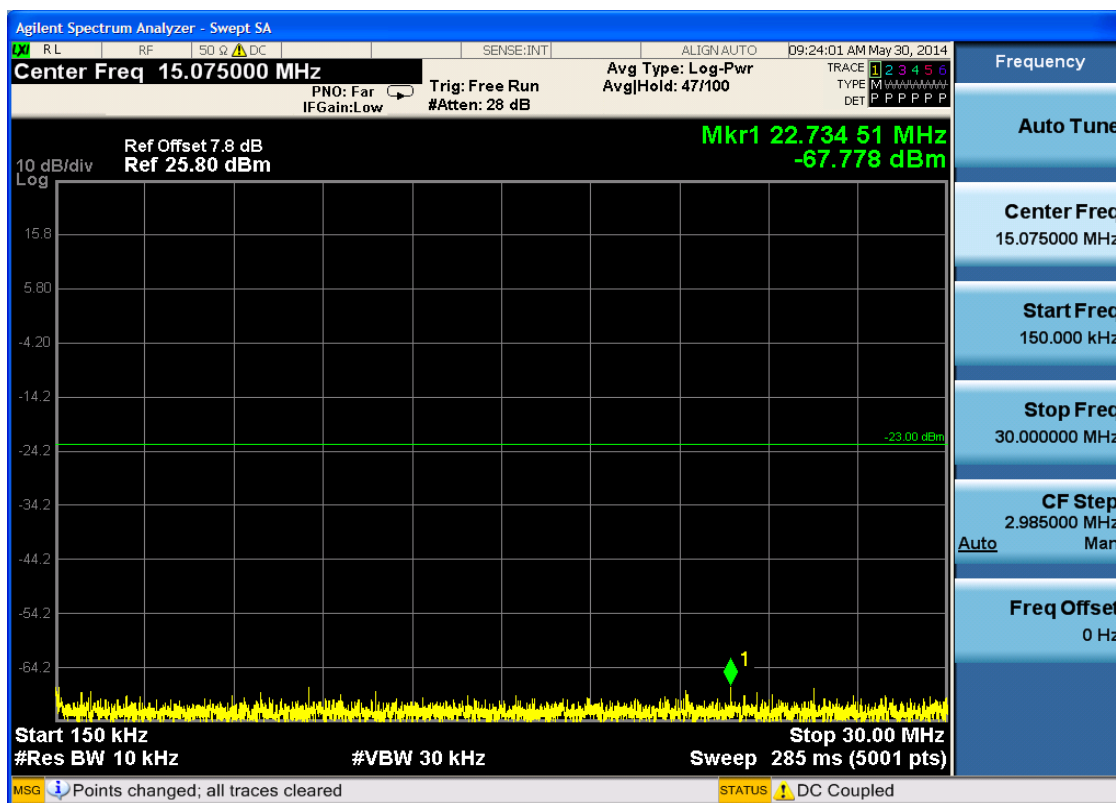


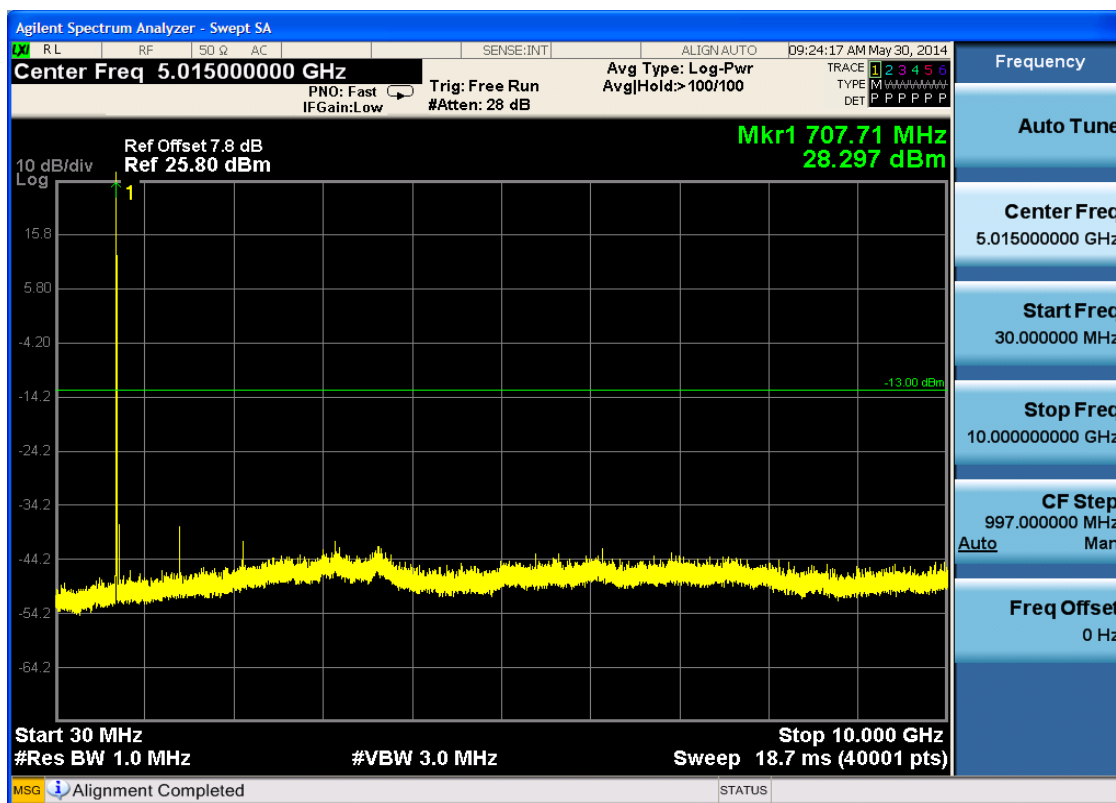


6.3.3.2.1.2 Test Channel = MCH

6.3.3.2.1.2.1 Test RB = RB1#0

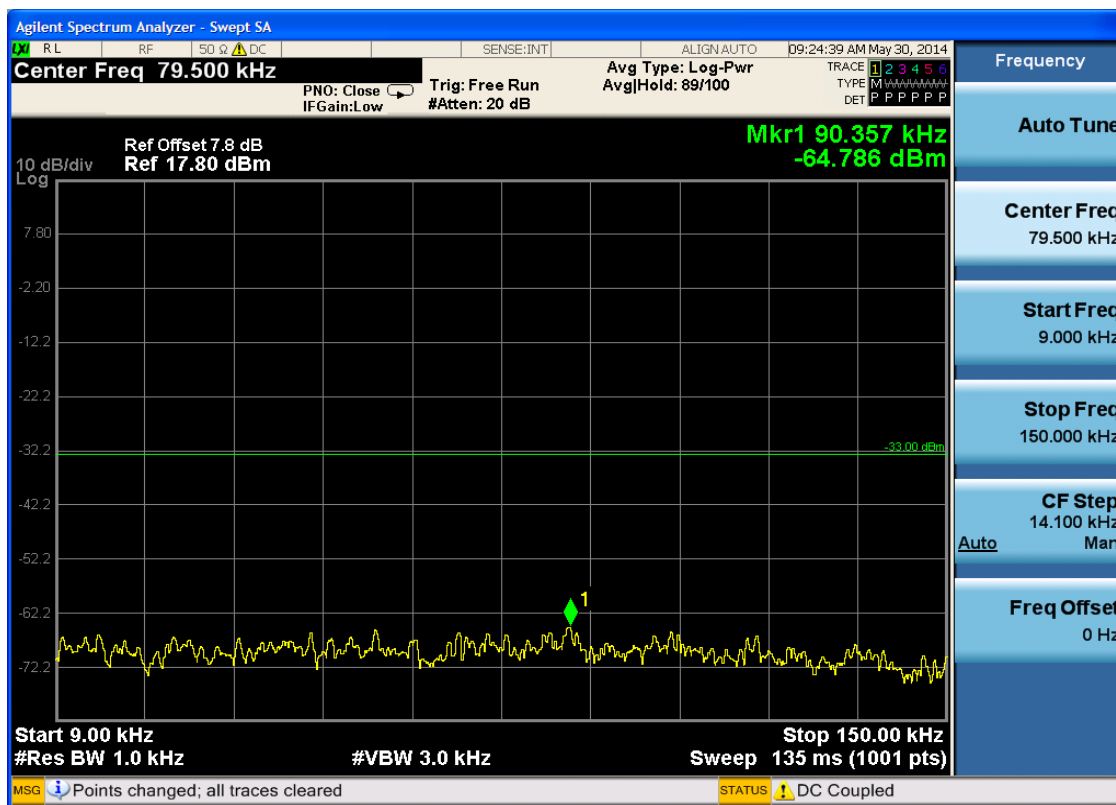


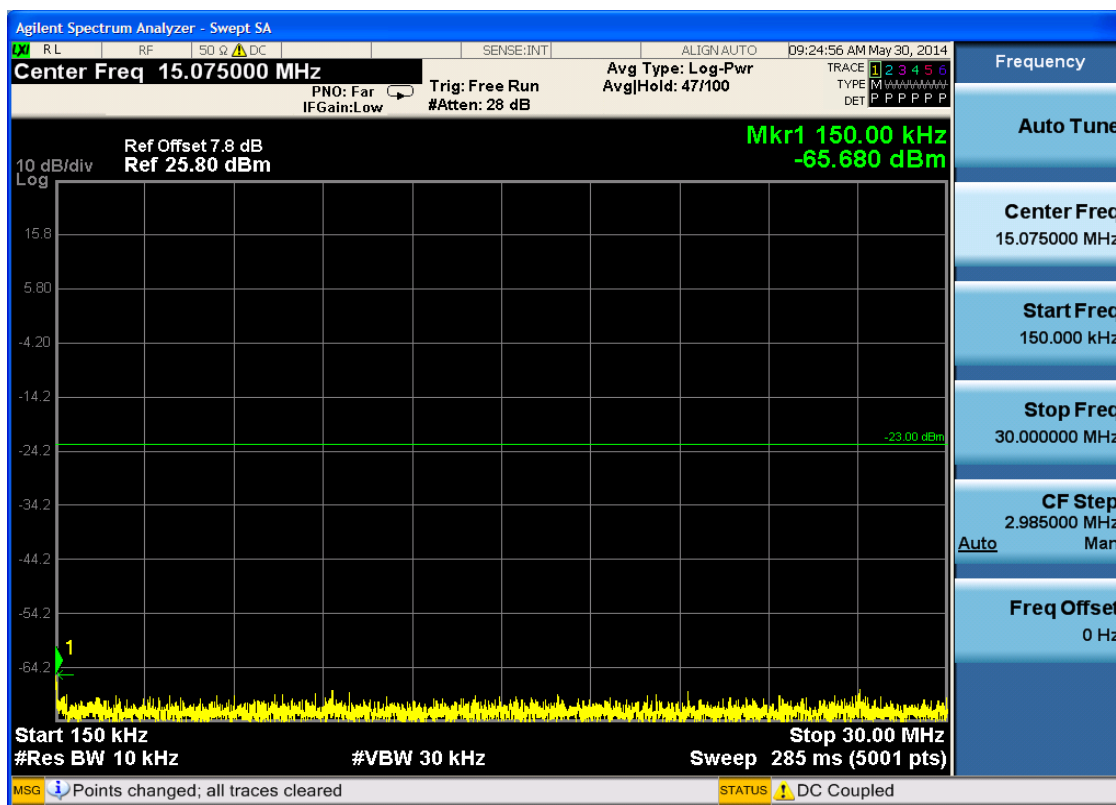


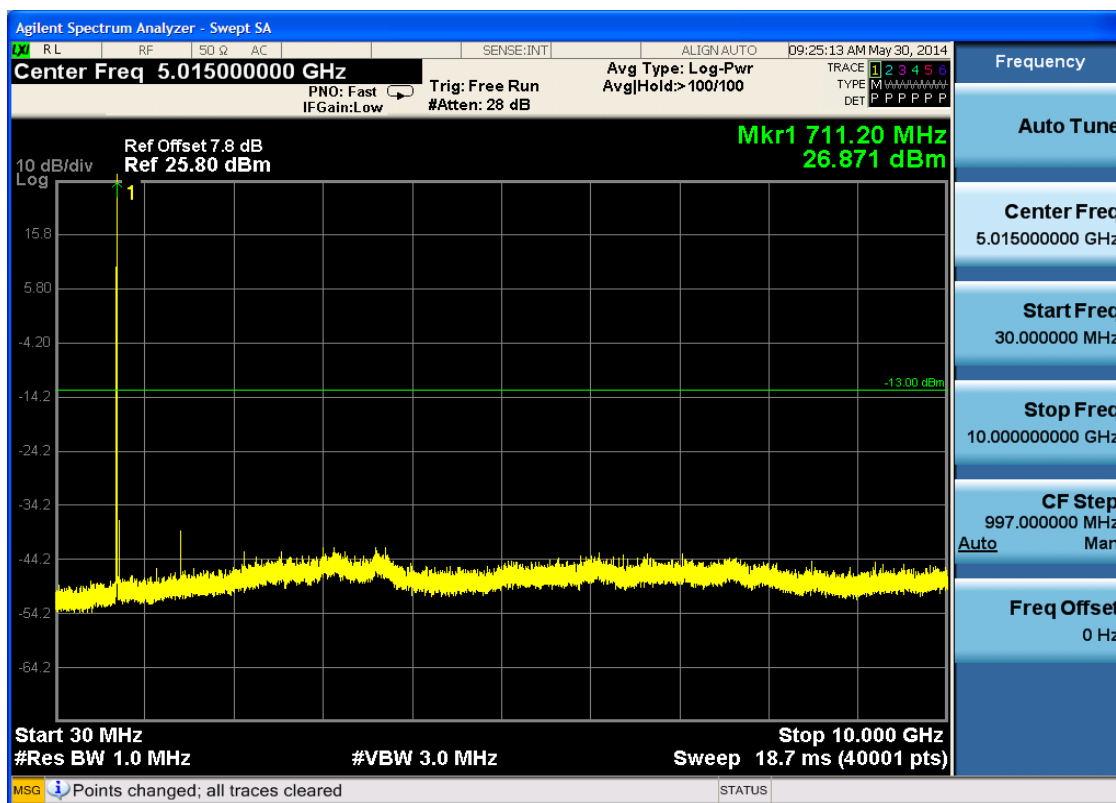


6.3.3.2.1.3 Test Channel = HCH

6.3.3.2.1.3.1 Test RB = RB1#0



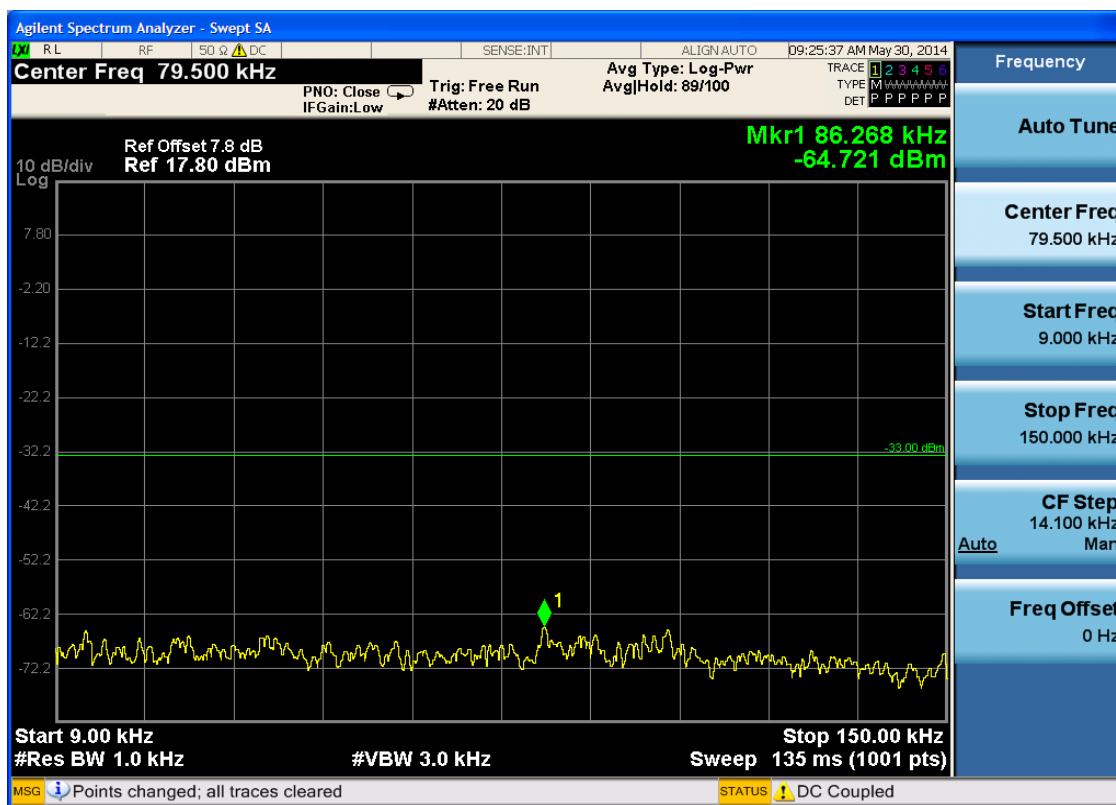


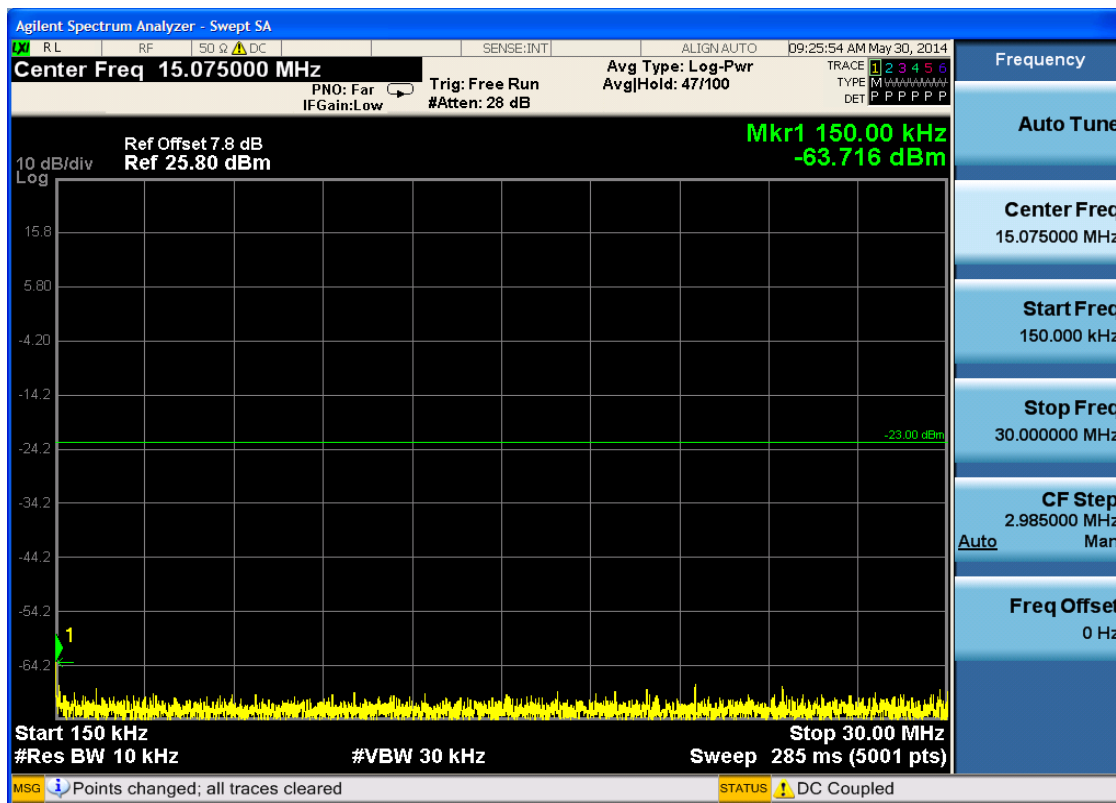


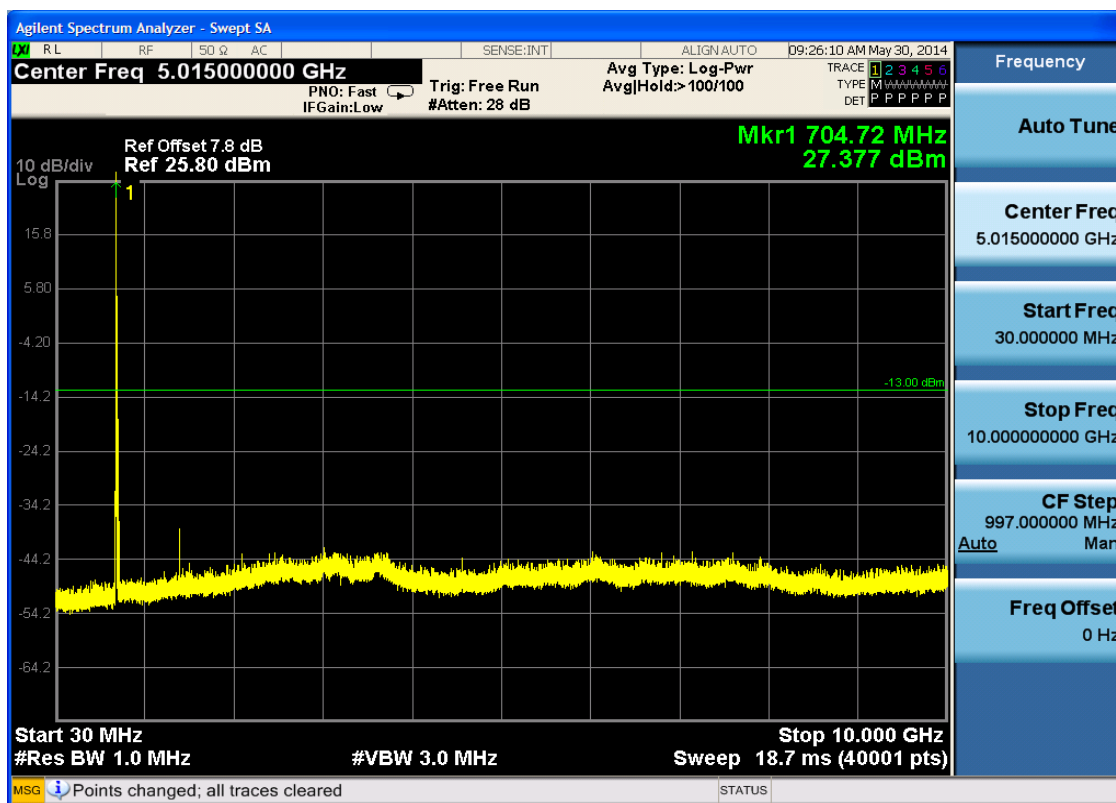
6.3.3.2.2 Test Bandwidth = 10

6.3.3.2.2.1 Test Channel = LCH

6.3.3.2.2.1.1 Test RB = RB1#0

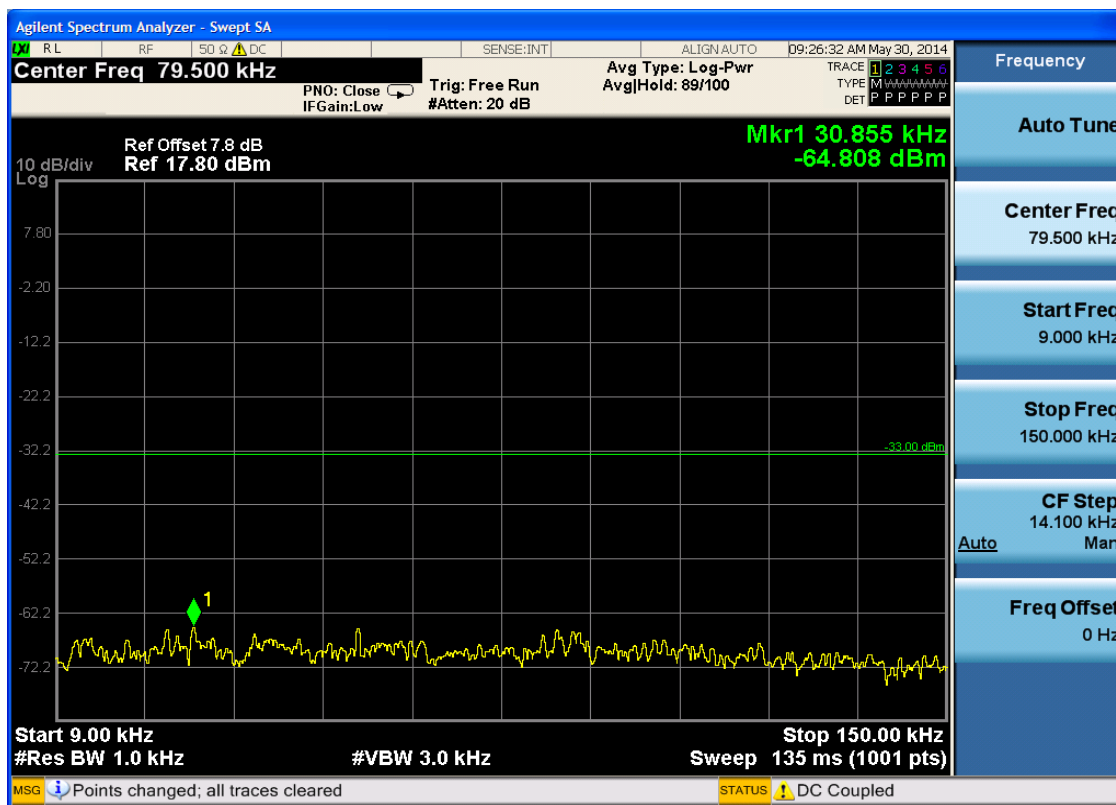


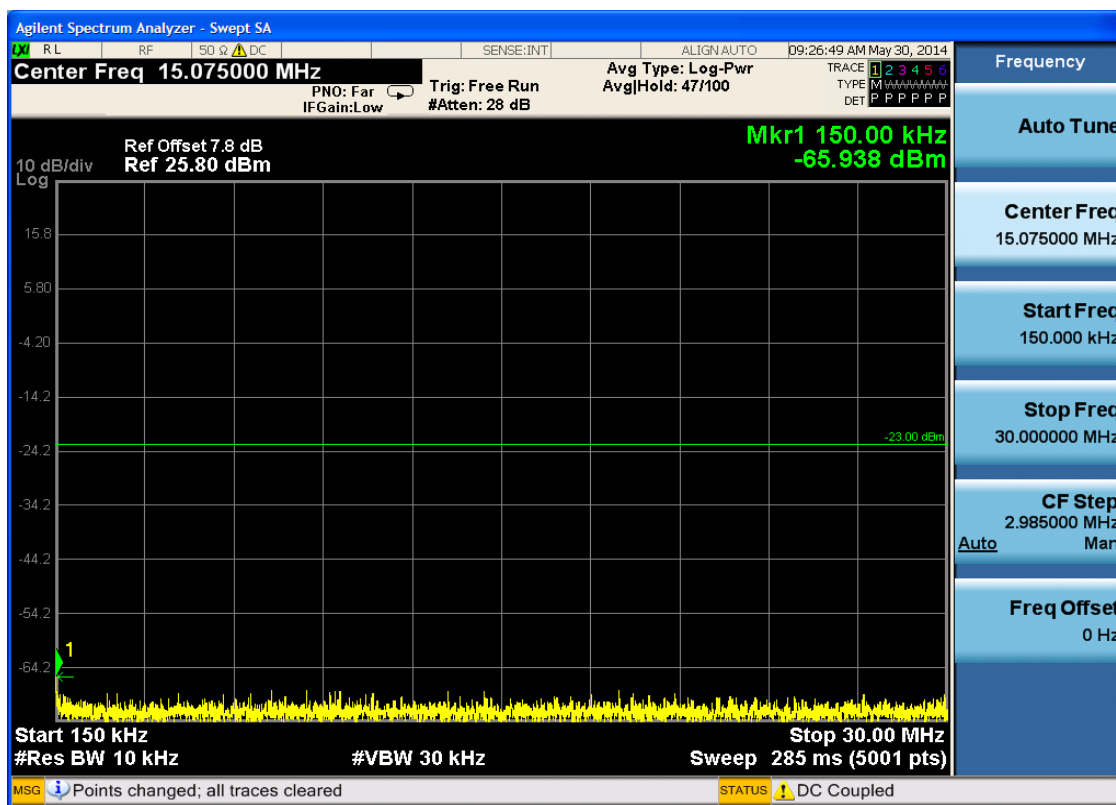


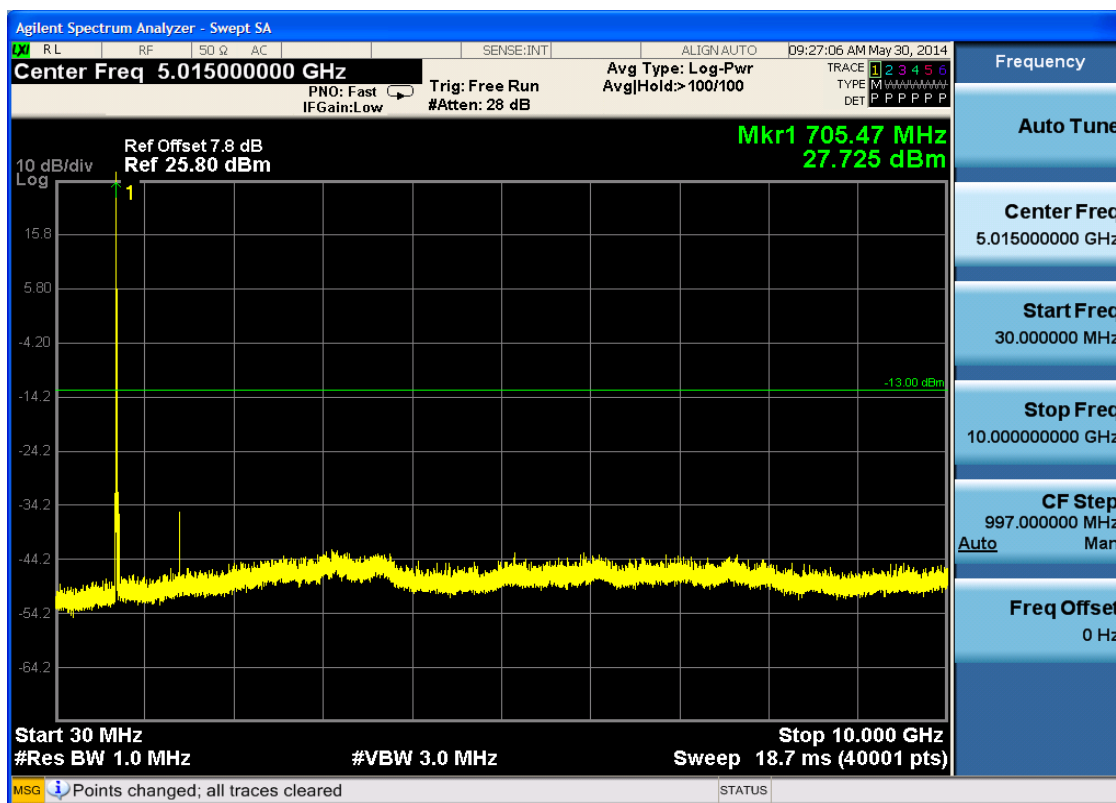


6.3.3.2.2.2 Test Channel = MCH

6.3.3.2.2.2.1 Test RB = RB1#0

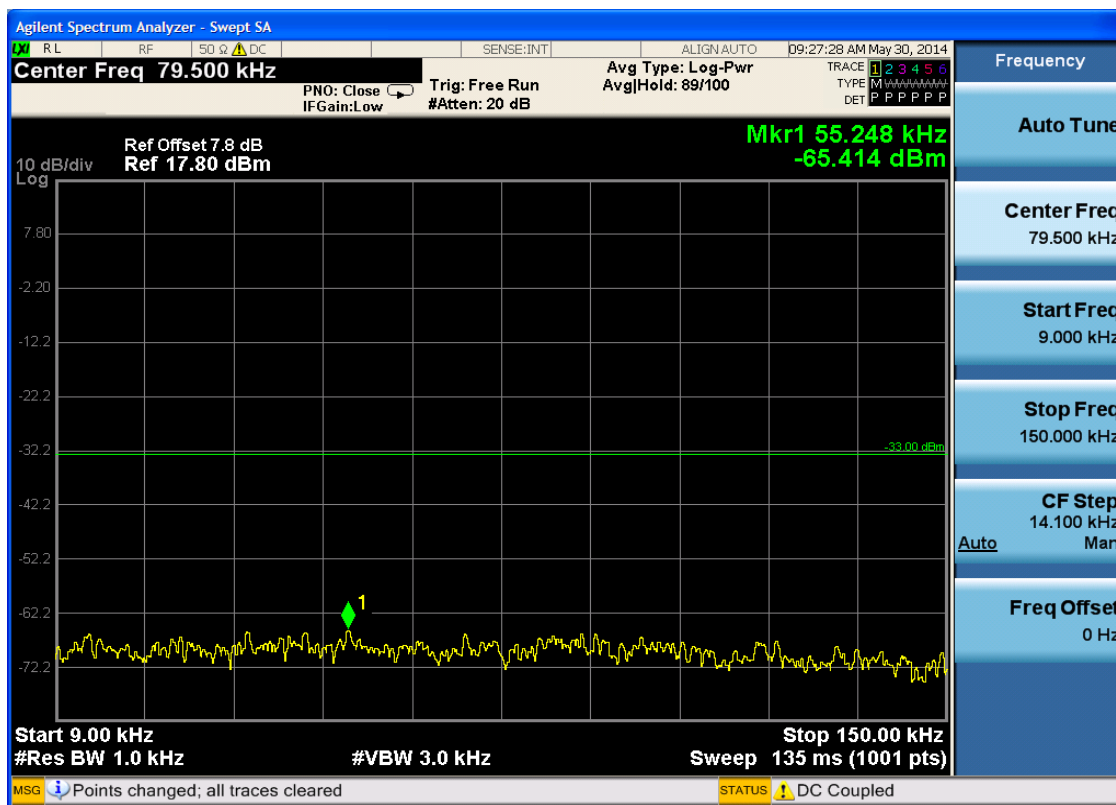


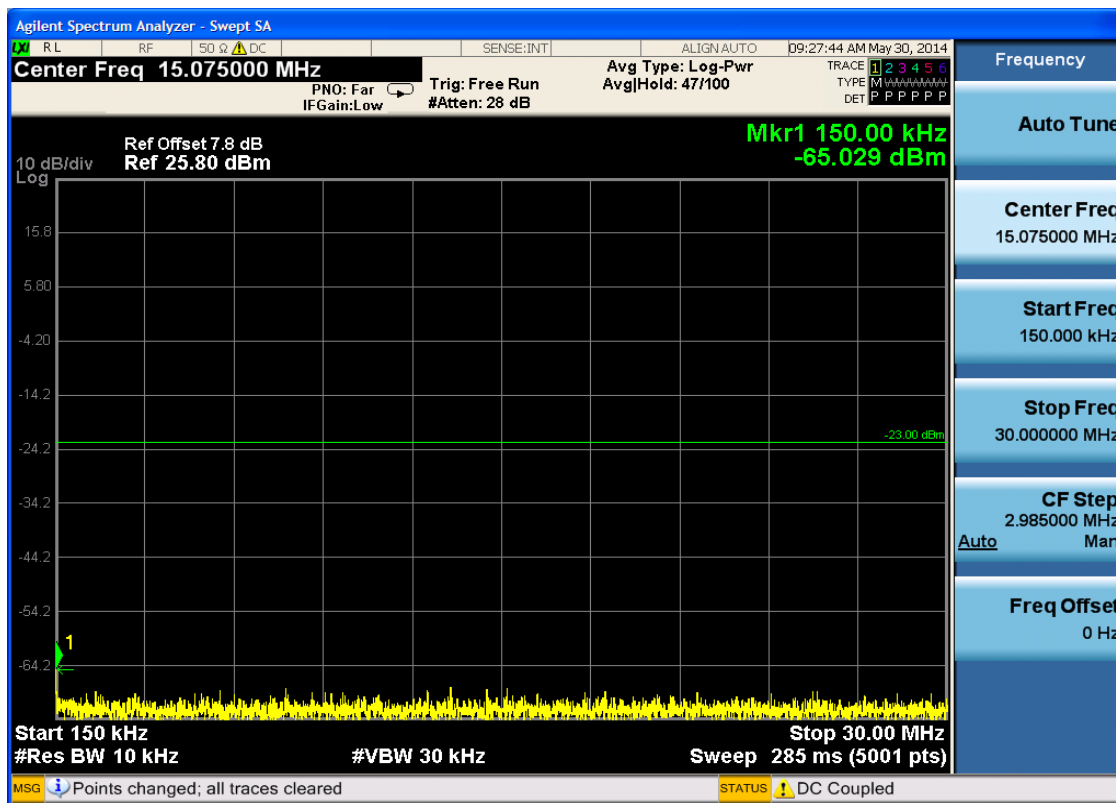


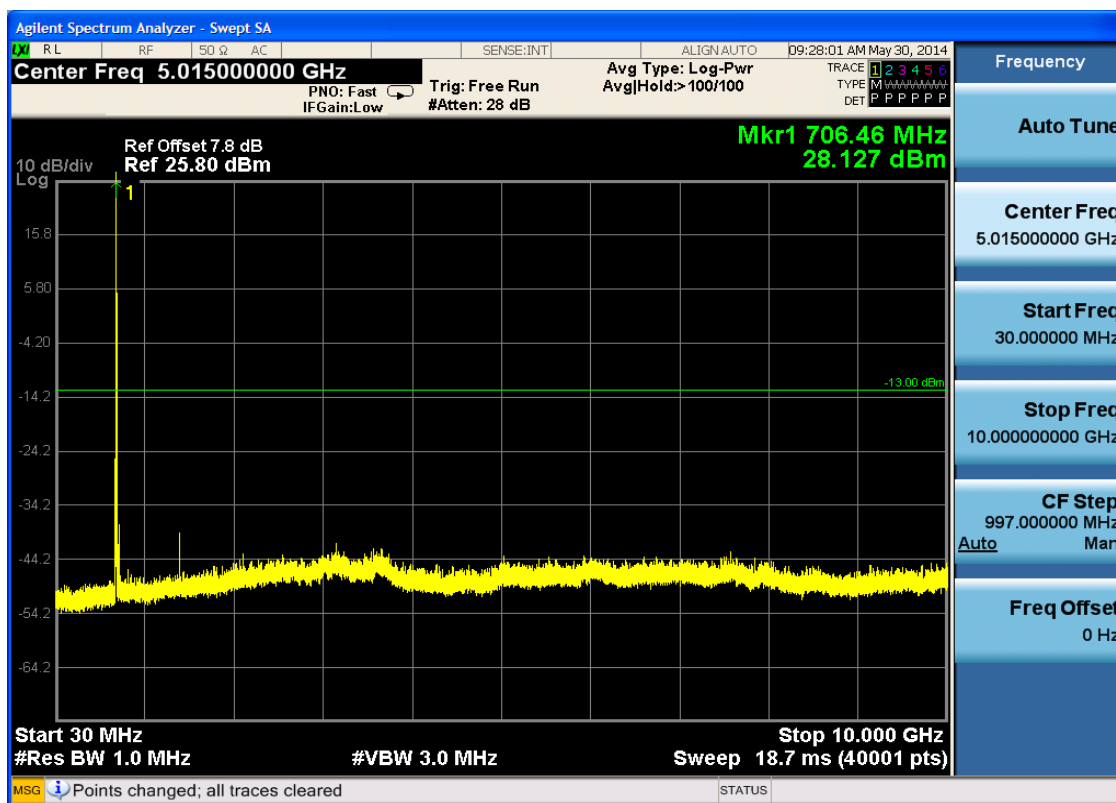


6.3.3.2.2.3 Test Channel = HCH

6.3.3.2.2.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note:

9kHz~150kHz, VBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

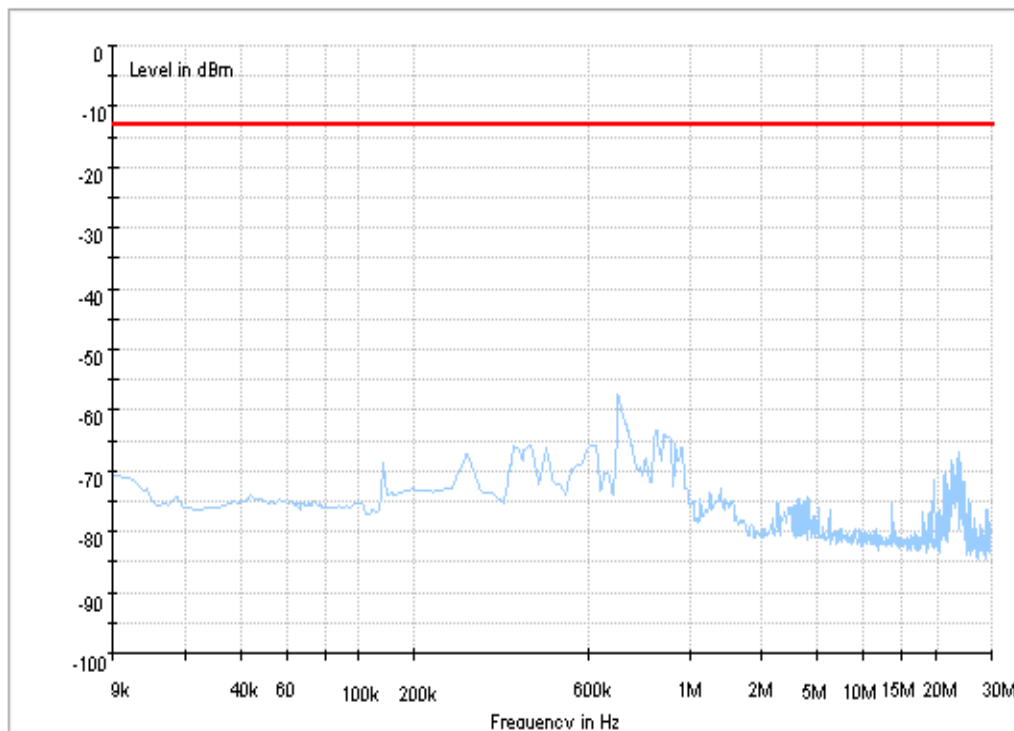
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

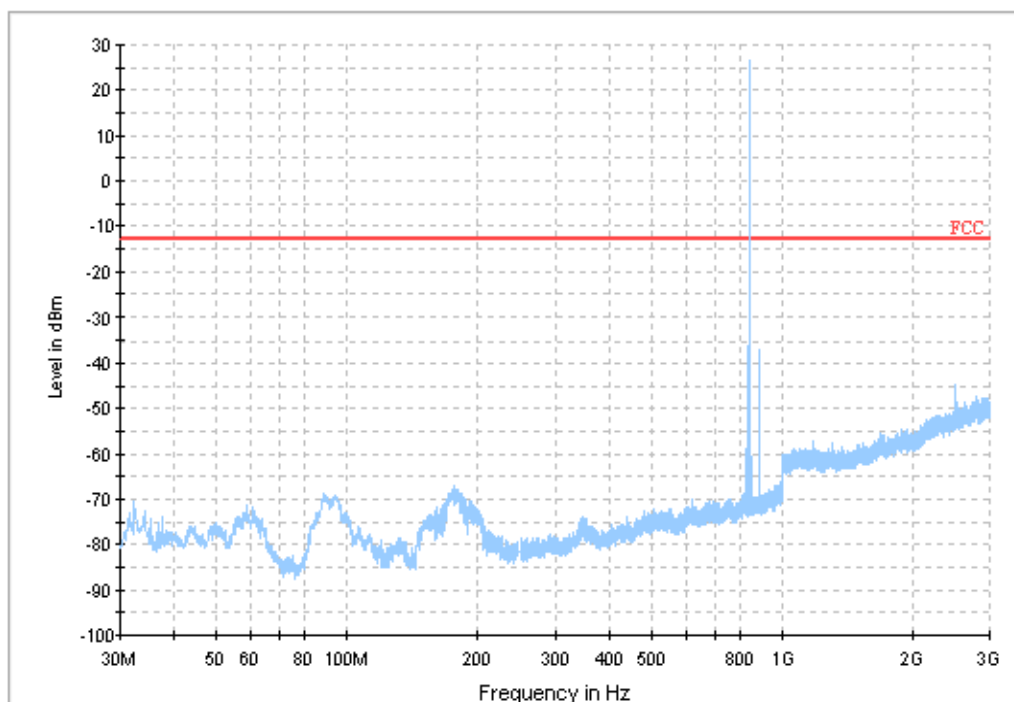
7.1 For GSM

7.1.1 Test Band = GSM850

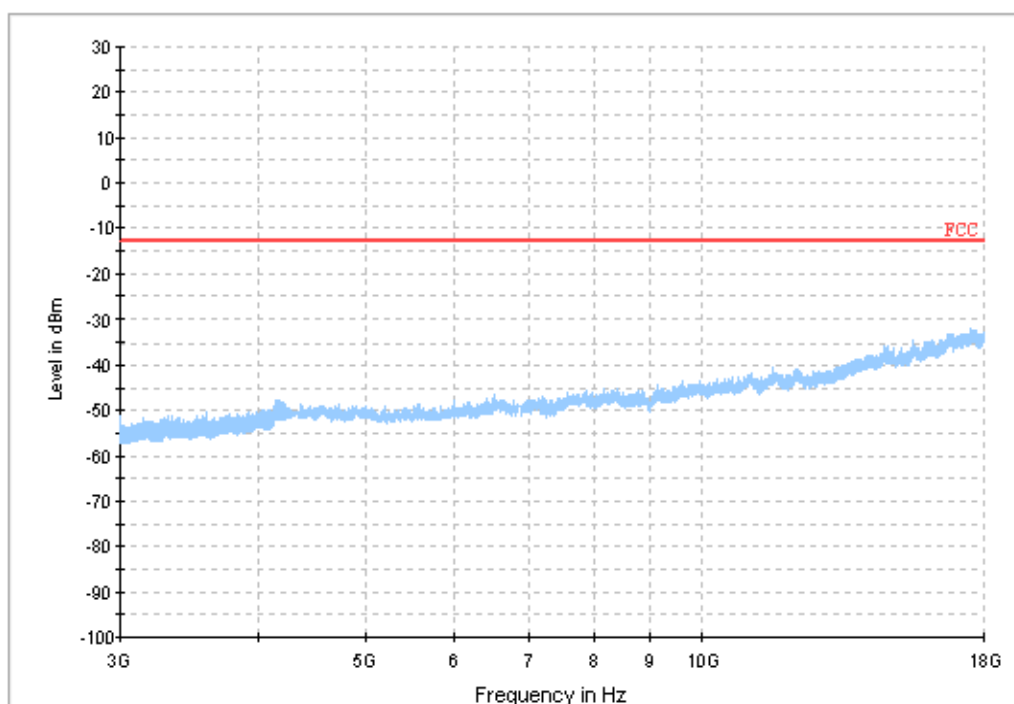
7.1.1.1 Test Mode = GSM/TM1



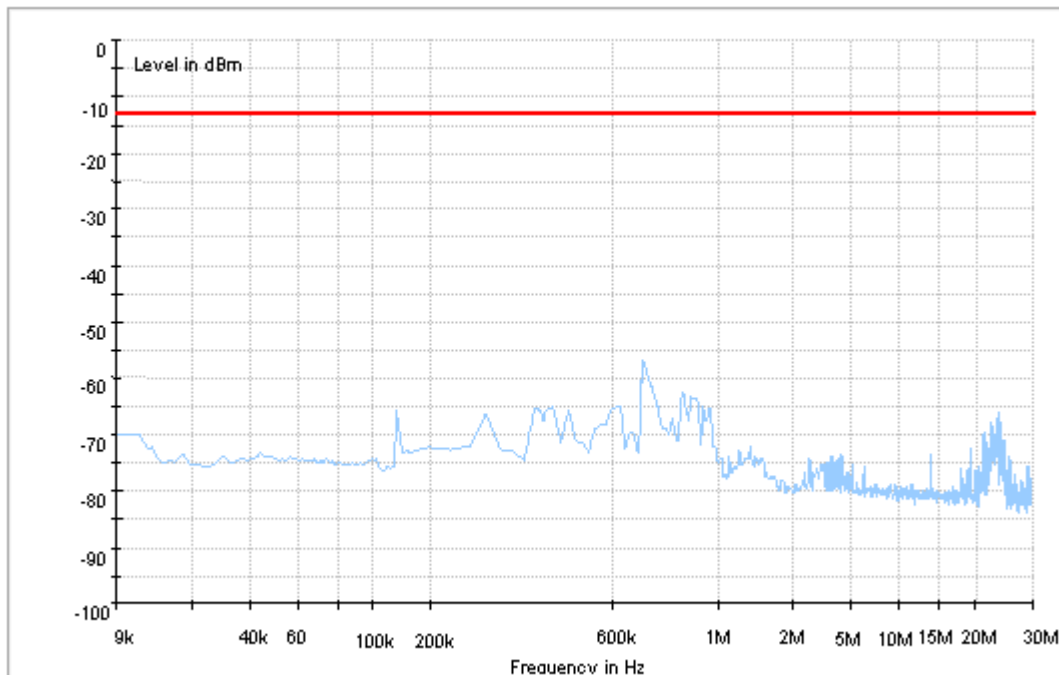
Copy of FCC PART22 GSM850_L



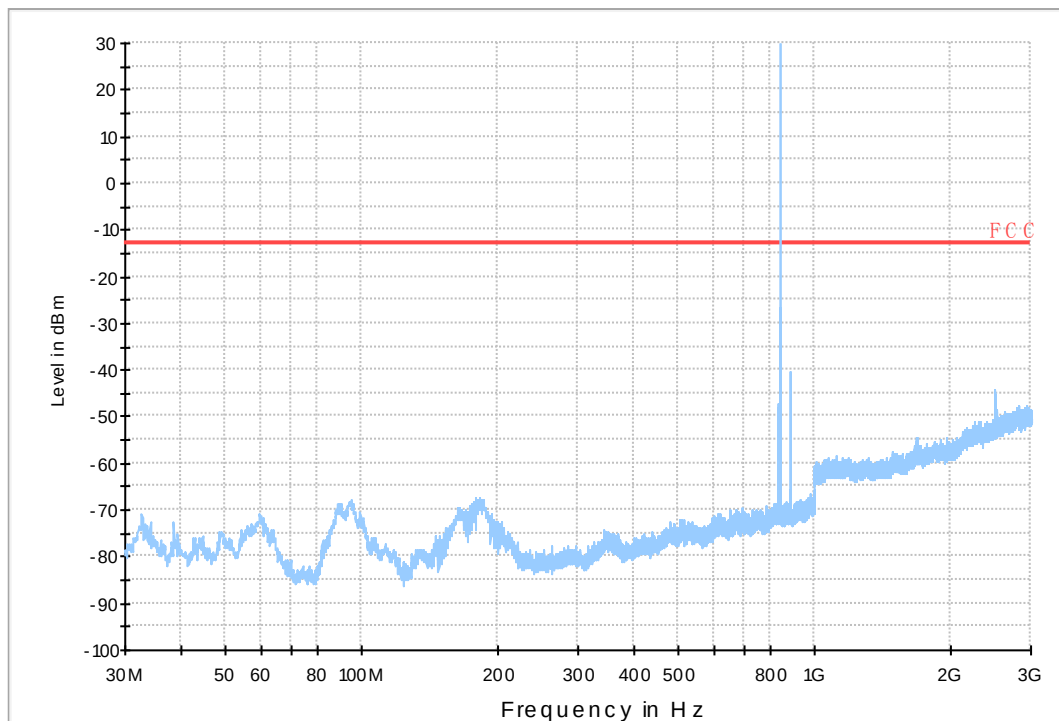
Copy of FCC PART22 GSM850_H



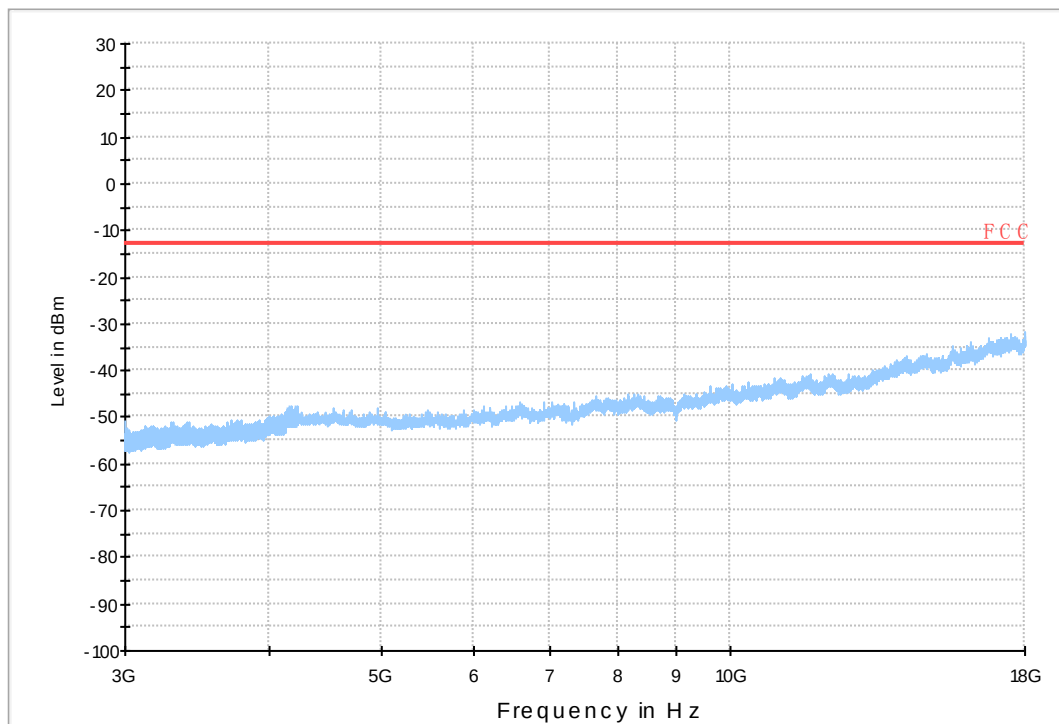
7.1.1.2 Test Mode = GSM/TM2

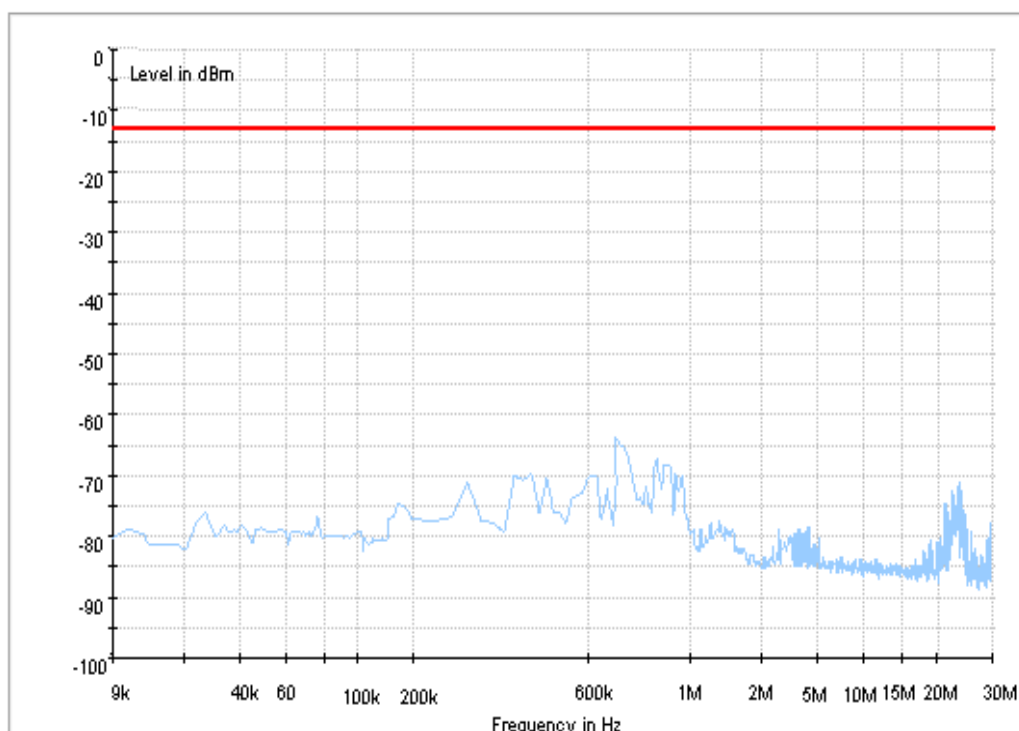


Copy of FCC PART 22 GSM850_L

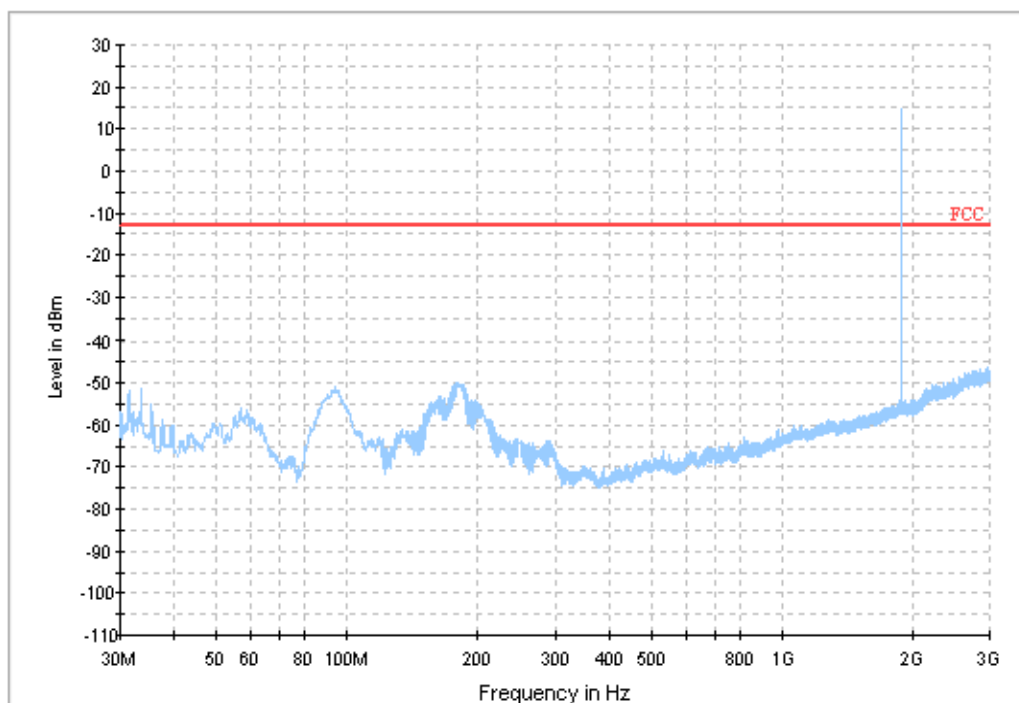


Copy of FCC PART22 GSM850_H

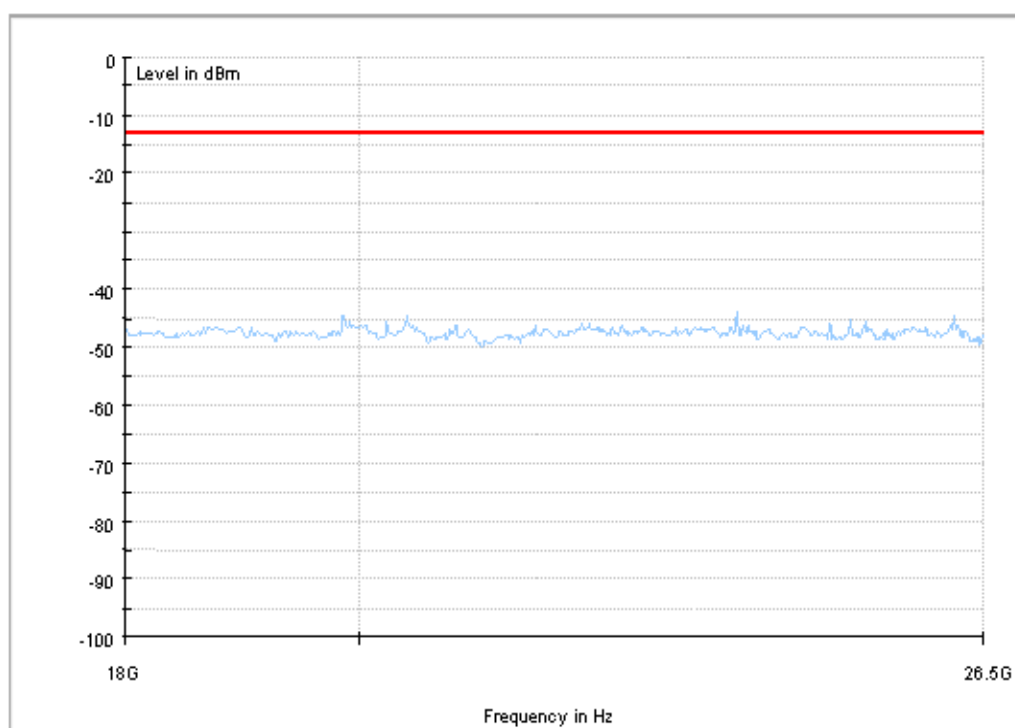
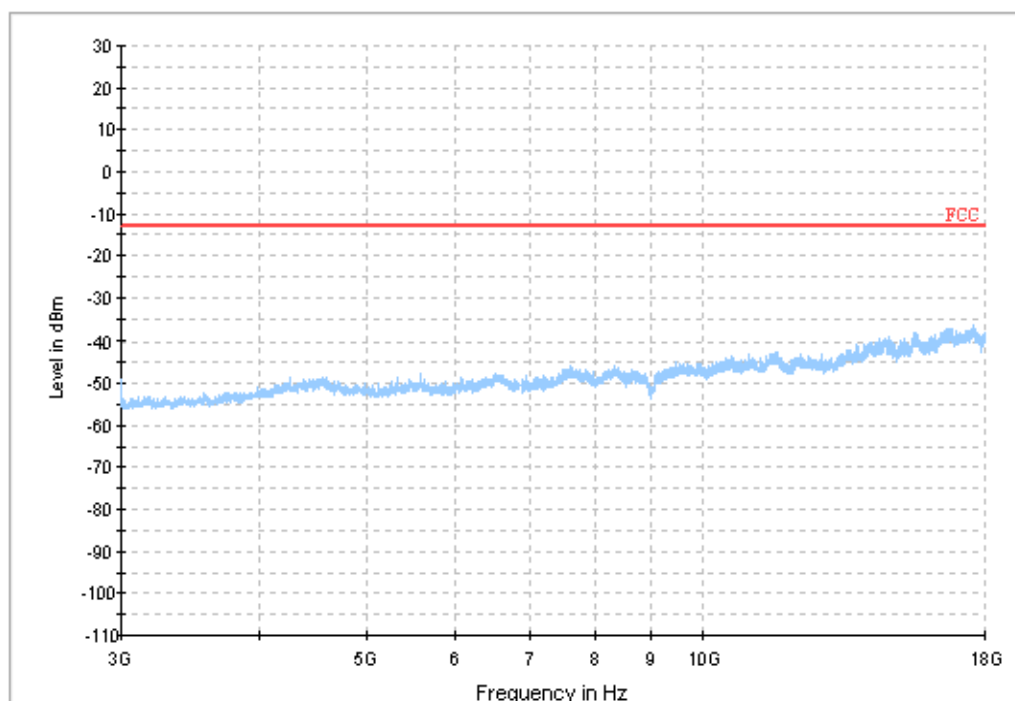
**7.1.2 Test Band = GSM1900****7.1.2.1 Test Mode = GSM/TM1**



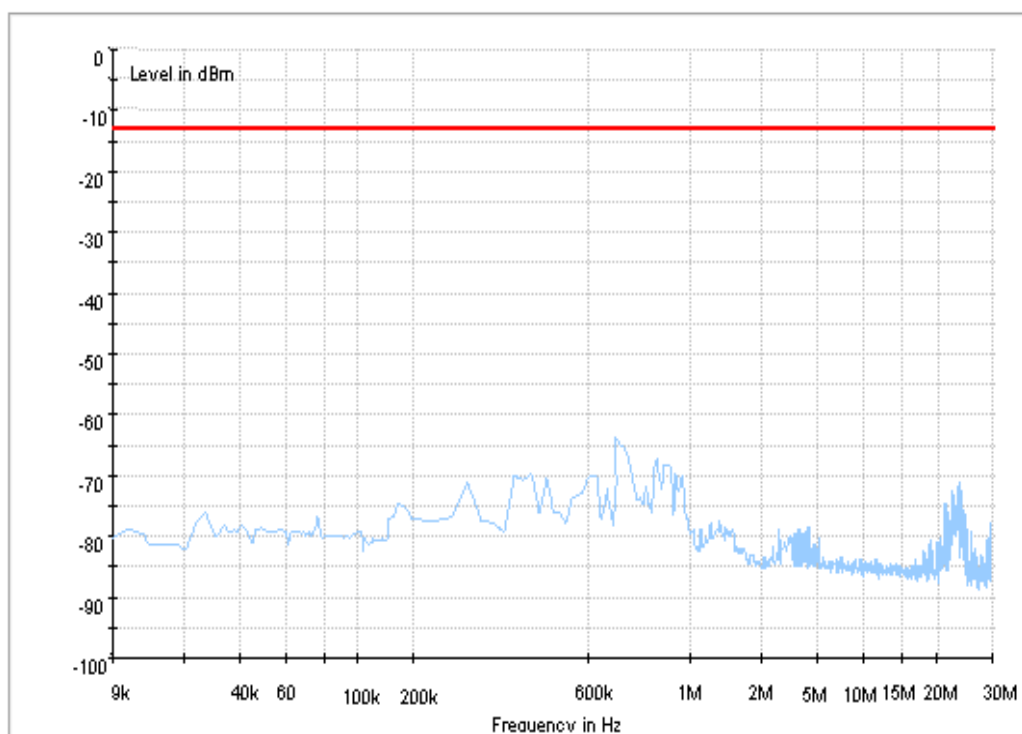
Copy of FCC PART24 GSM1900_L



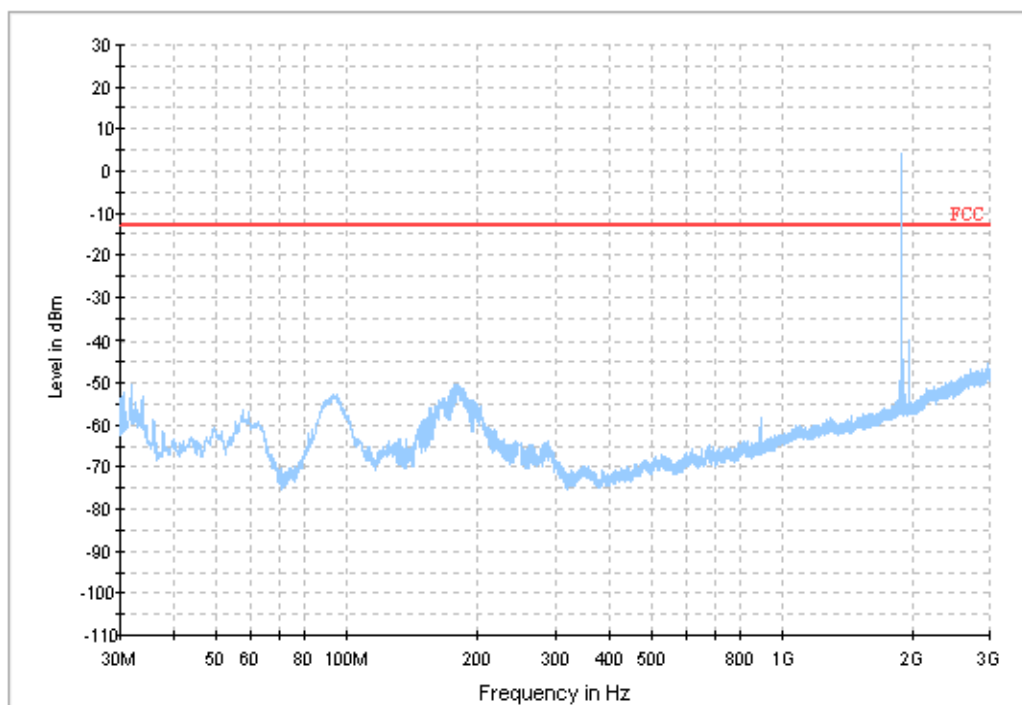
Copy of FCC PART24 GSM1900_H



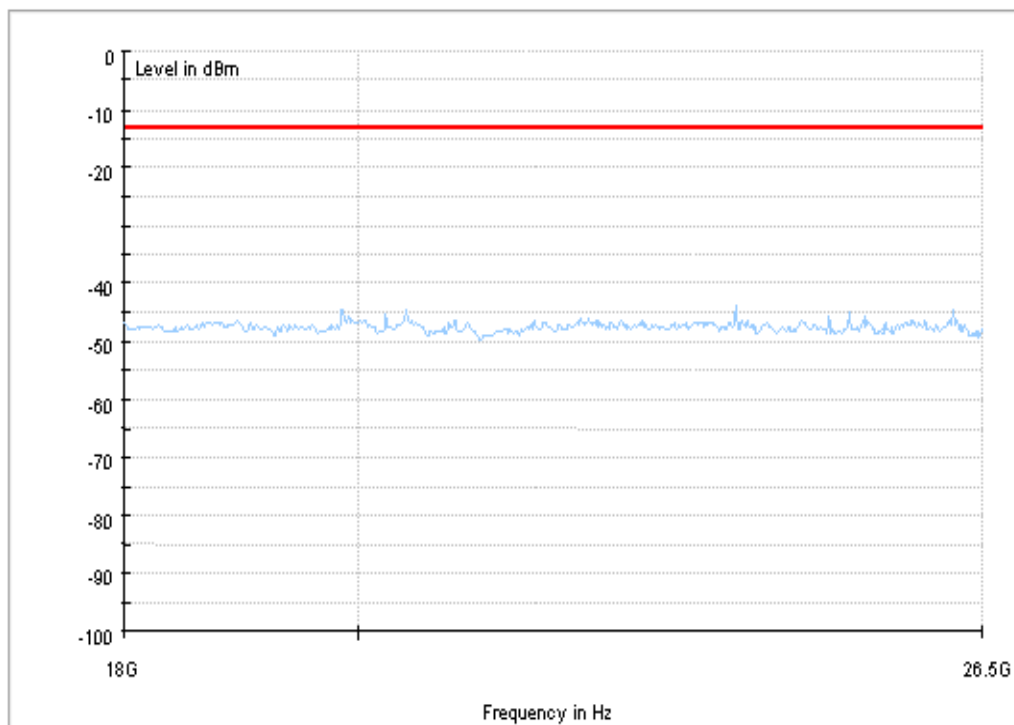
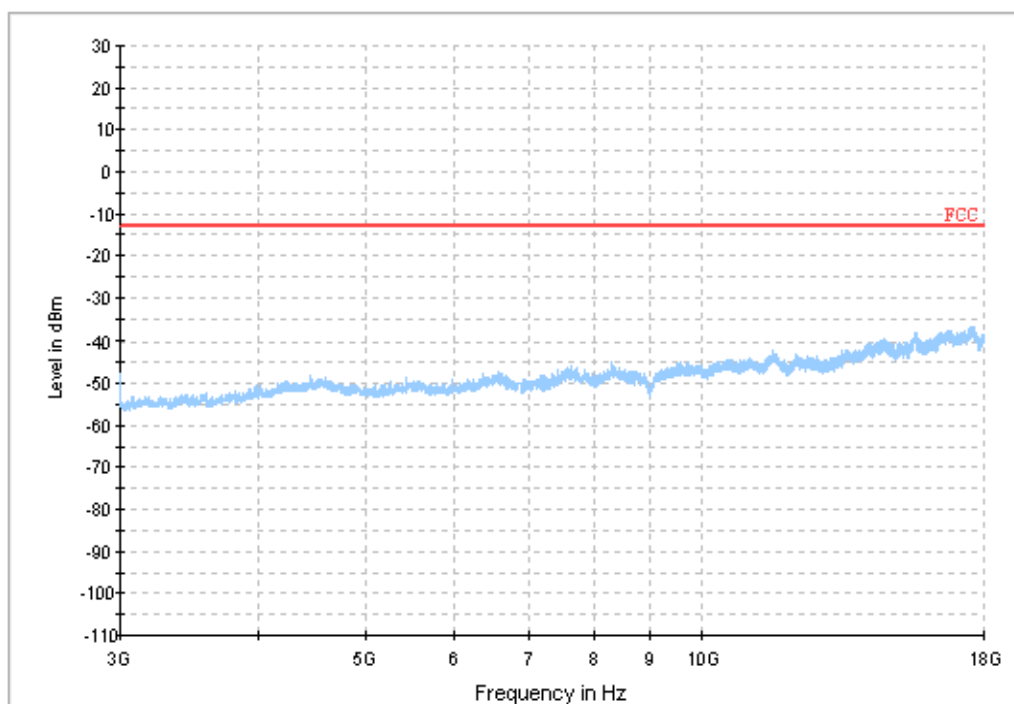
7.1.2.2 Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900_L



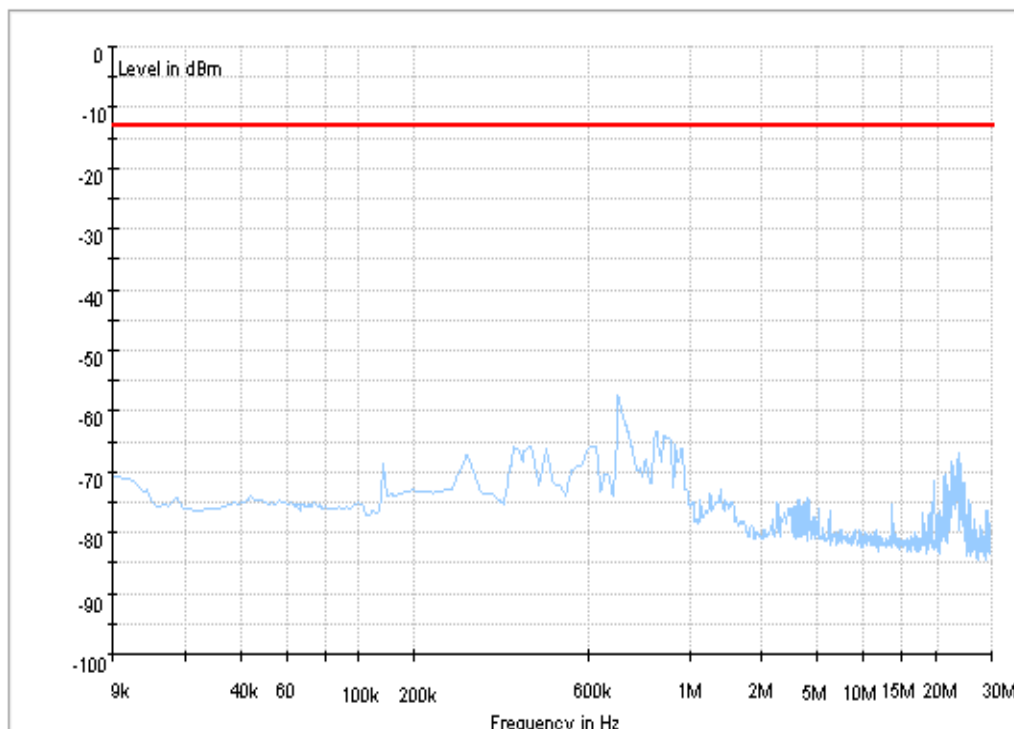
Copy of FCC PART24 GSM1900_H



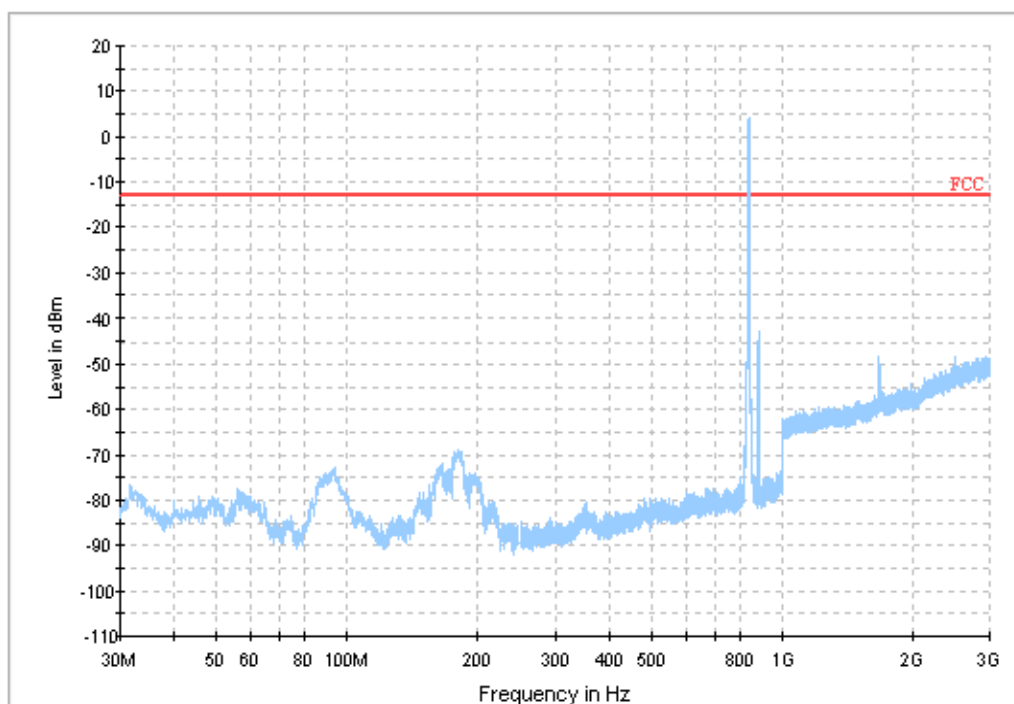
7.2 For UMTS

7.2.1 Test Band = WCDMA850

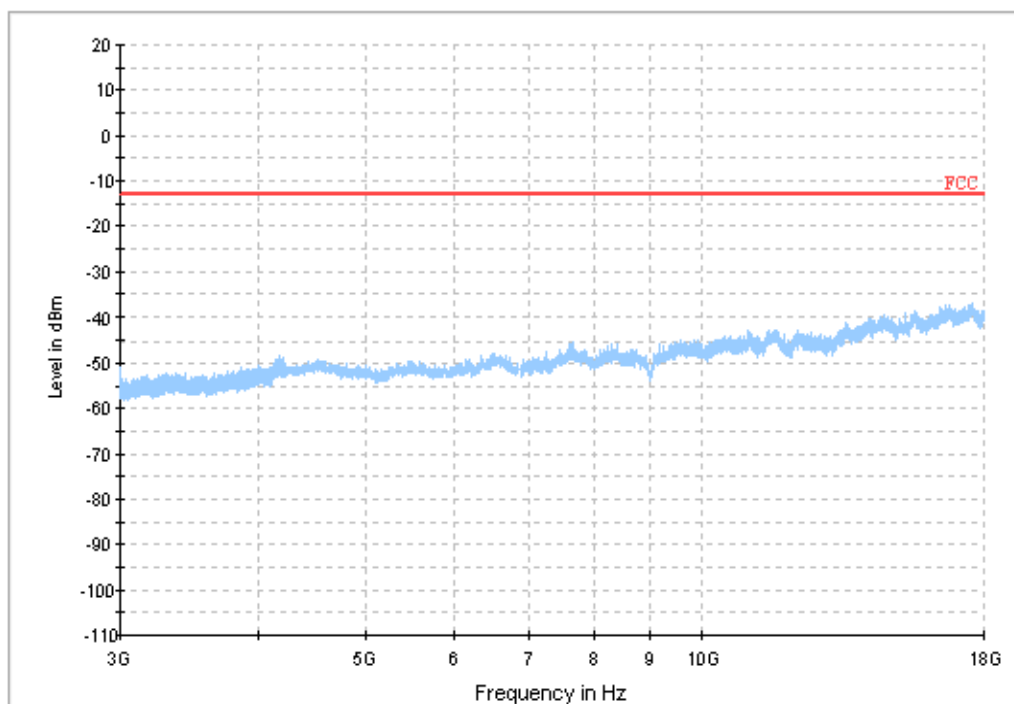
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

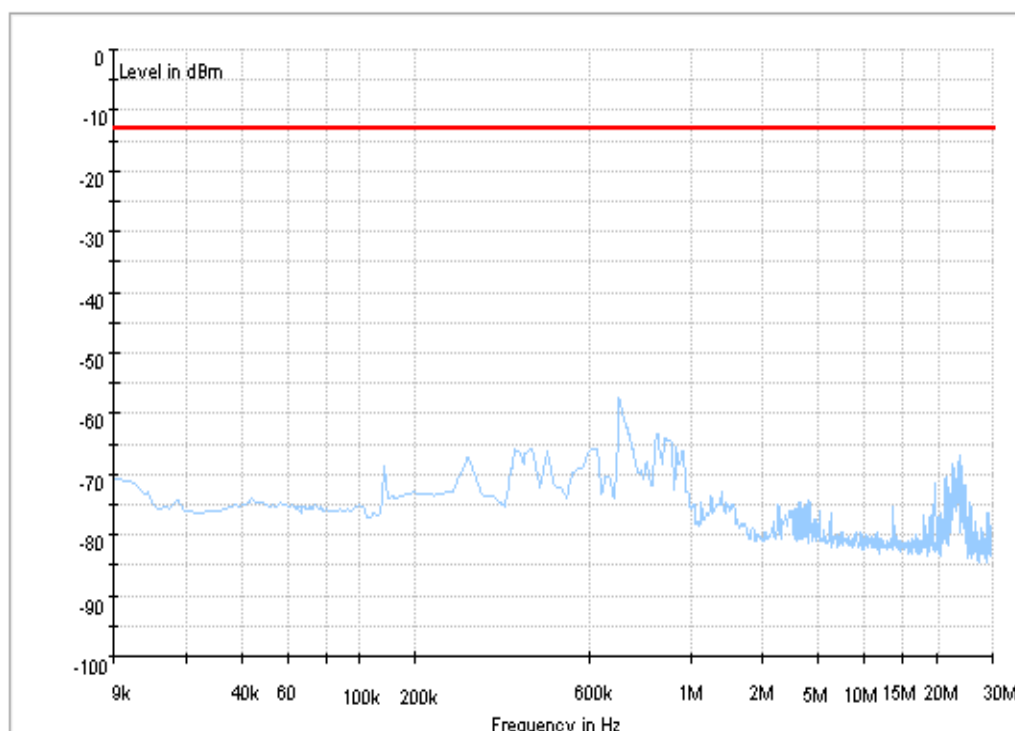


Copy of FCC PART22 WCDMA850_H

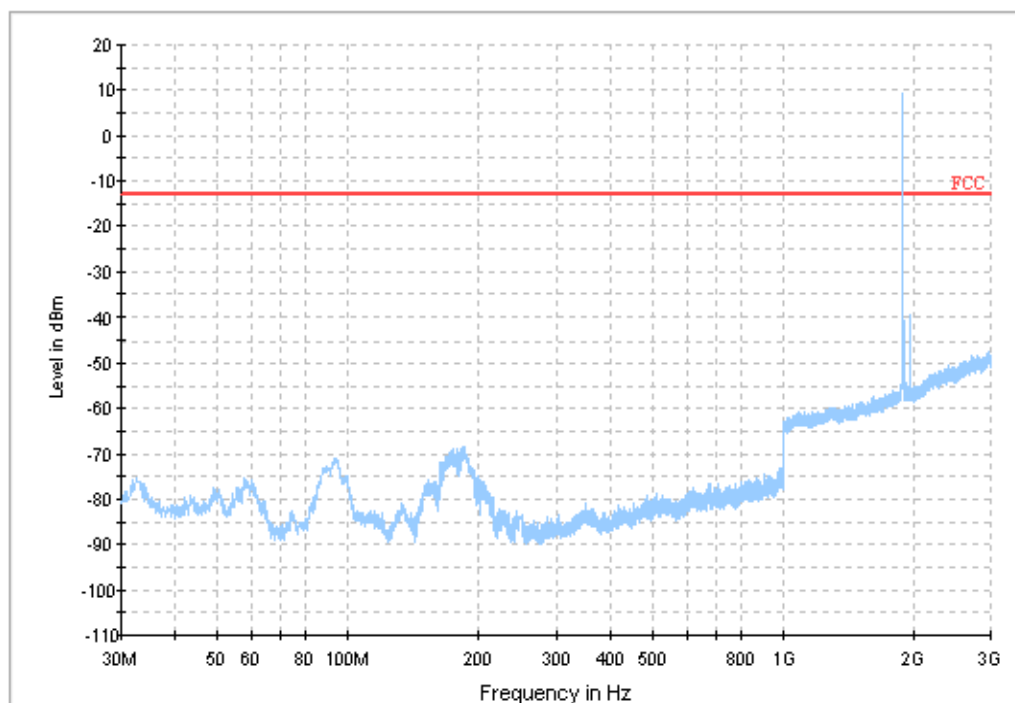


7.2.2 Test Band = WCDMA1900

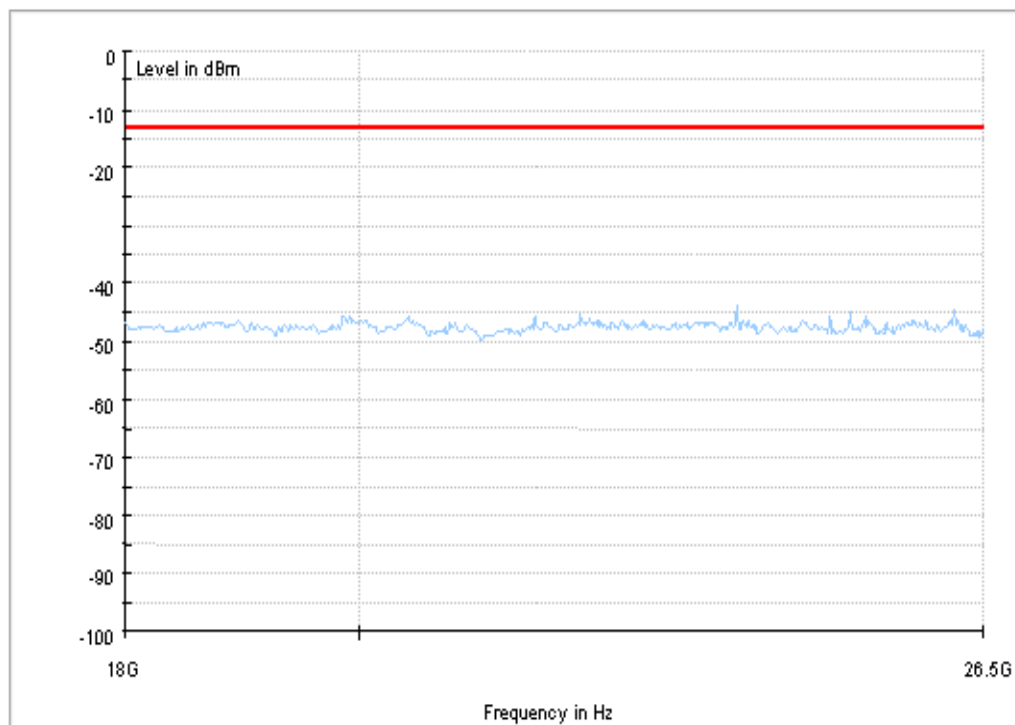
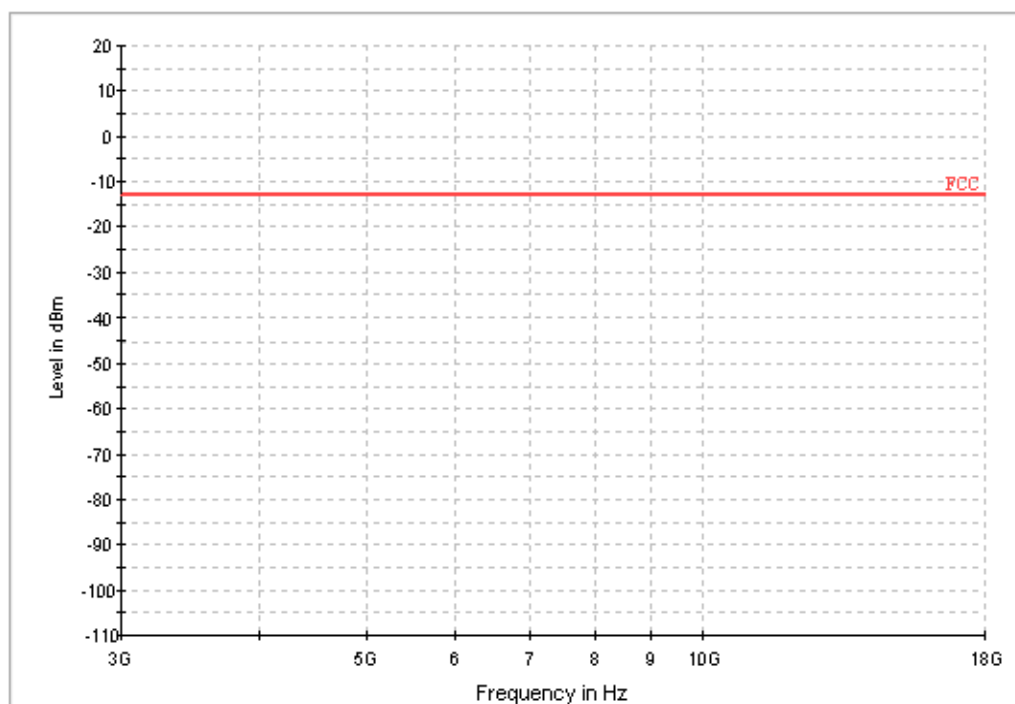
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L

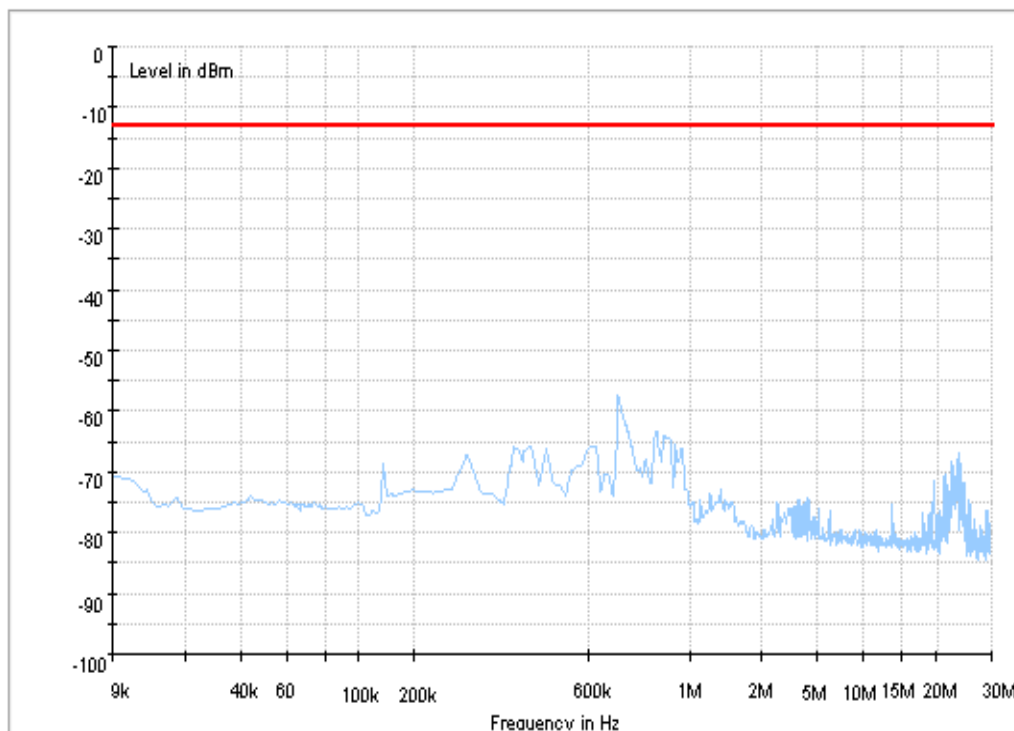


Copy of FCC PART24 WCDMA1900_H

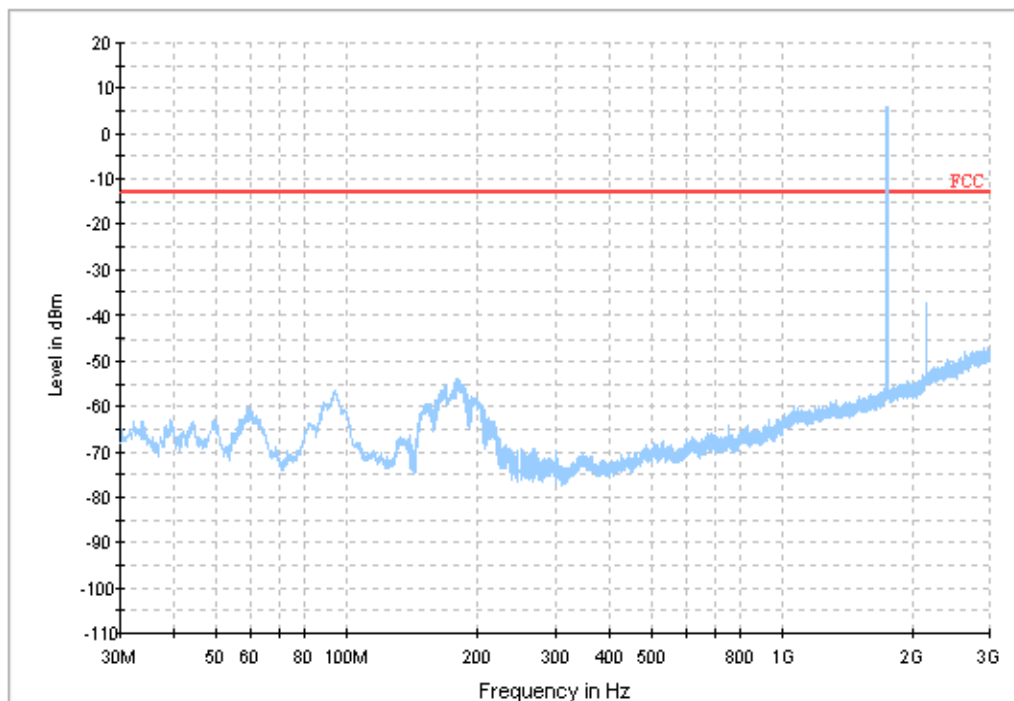


7.2.3 Test Band = WCDMA1700

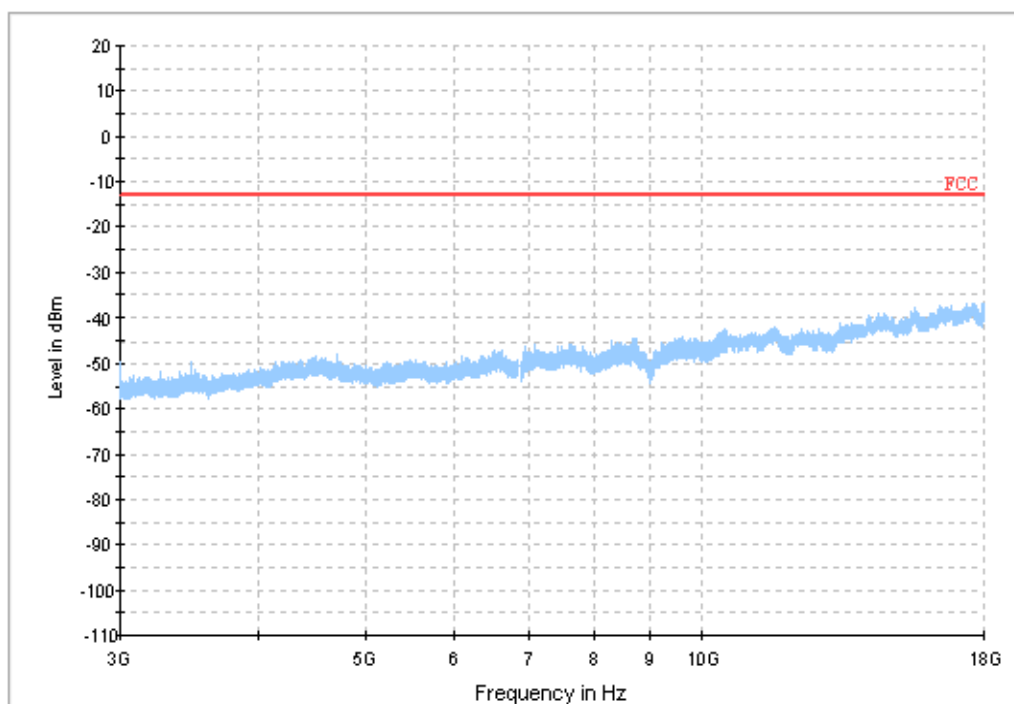
7.2.3.1 Test Mode = UMTS/TM1



Copy of FCC PART27 WCDMA1700_L



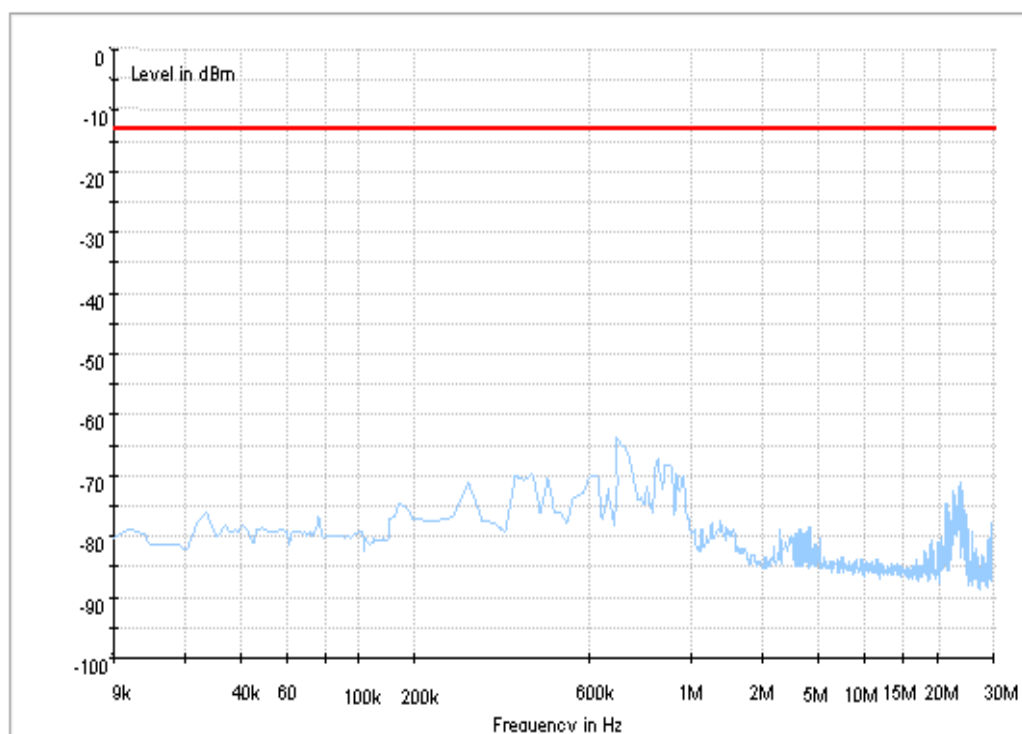
Copy of FCC PART27 WCDMA1700_H



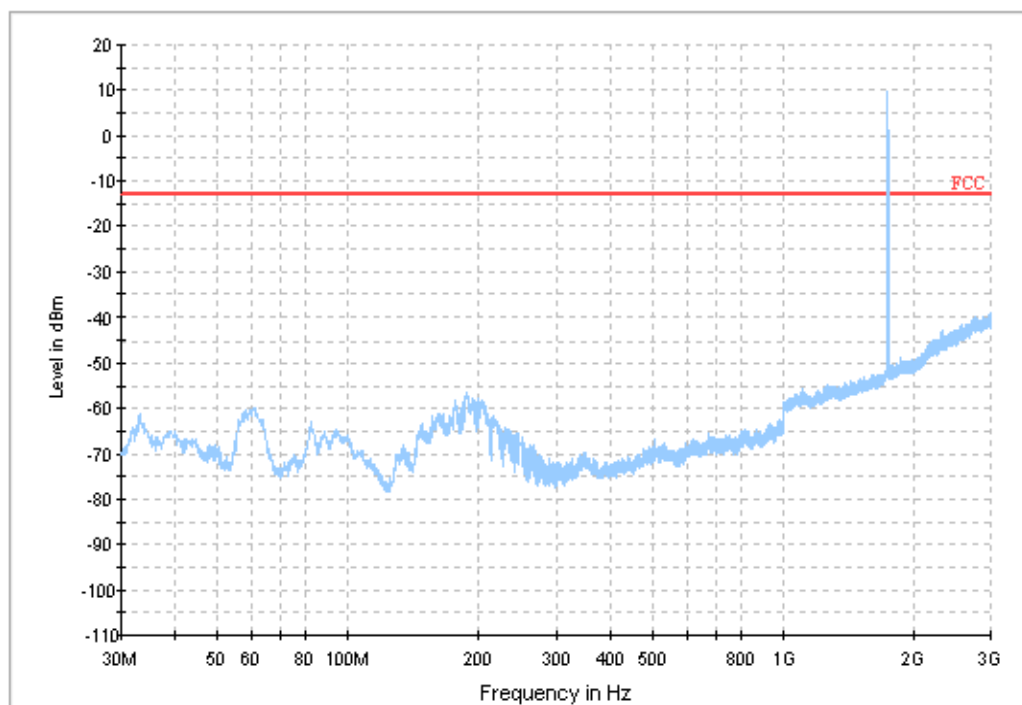
7.3 For LTE

7.3.1 Test Band = BAND4

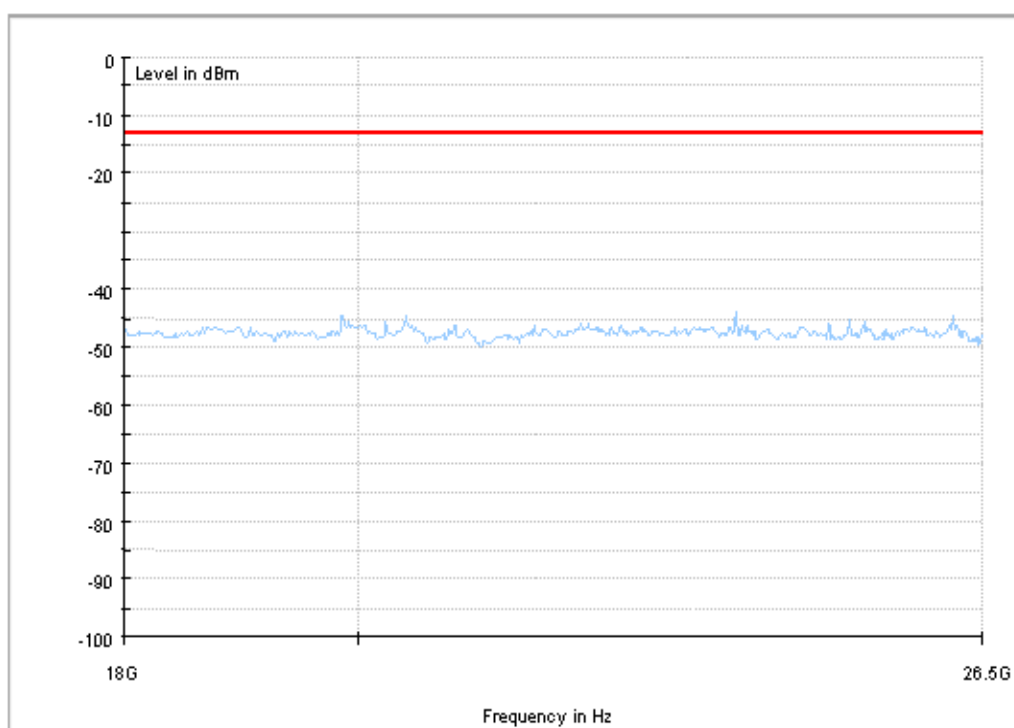
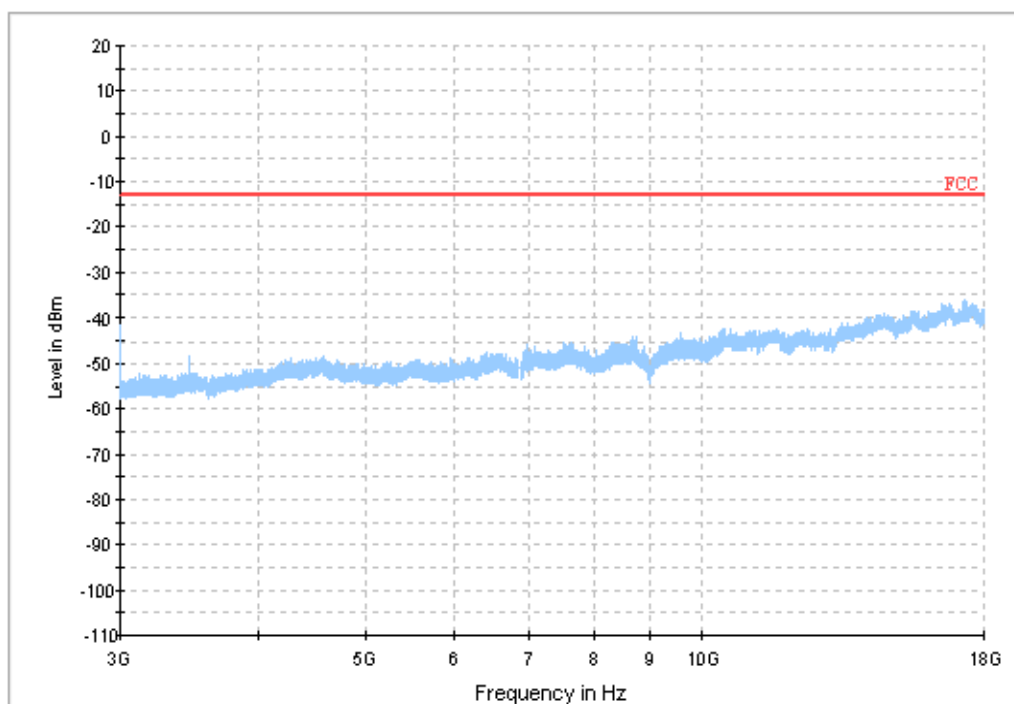
7.3.1.1 Test Bandwidth = 1.4



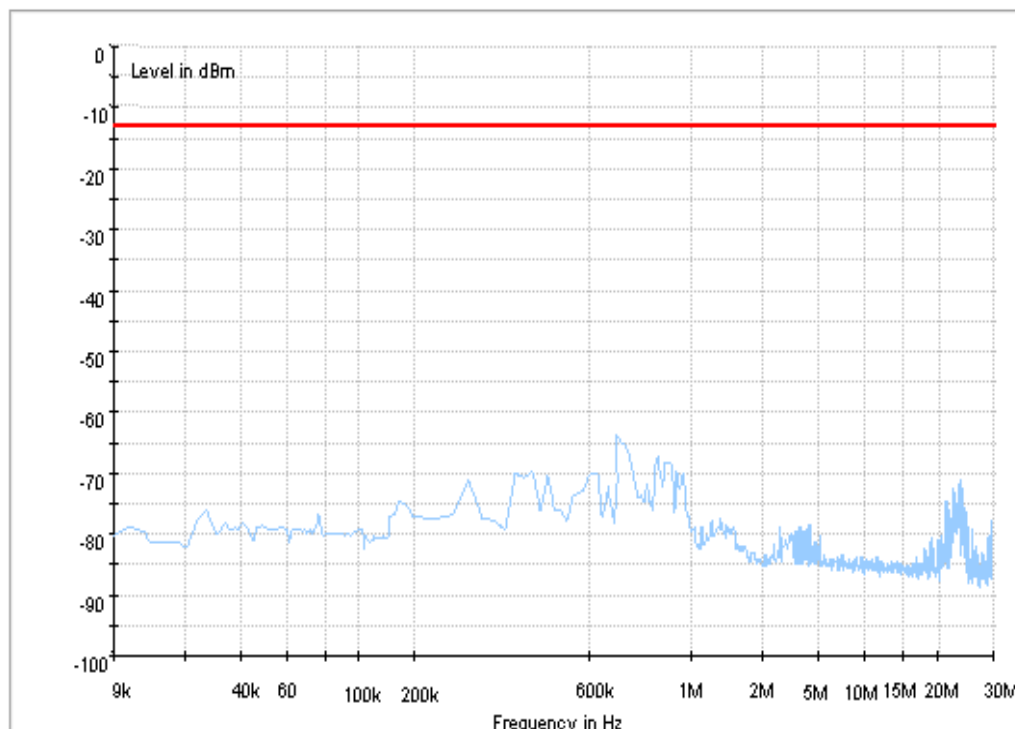
Copy of FCC PART27 LTE Band 4_L



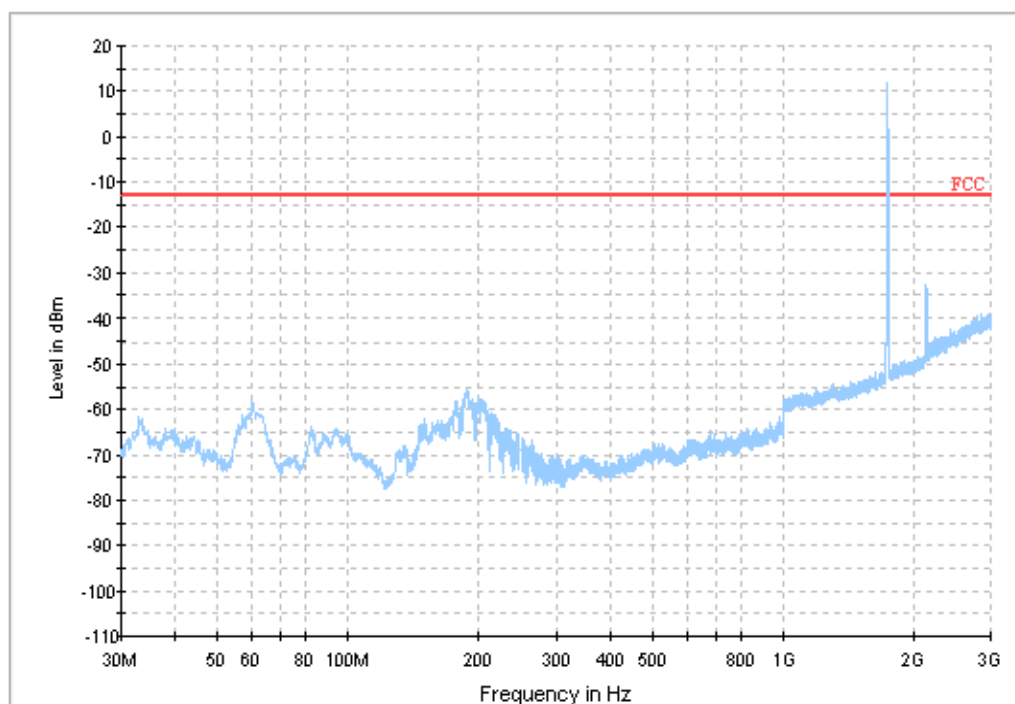
Copy of FCC PART27 LTE Band 4_H



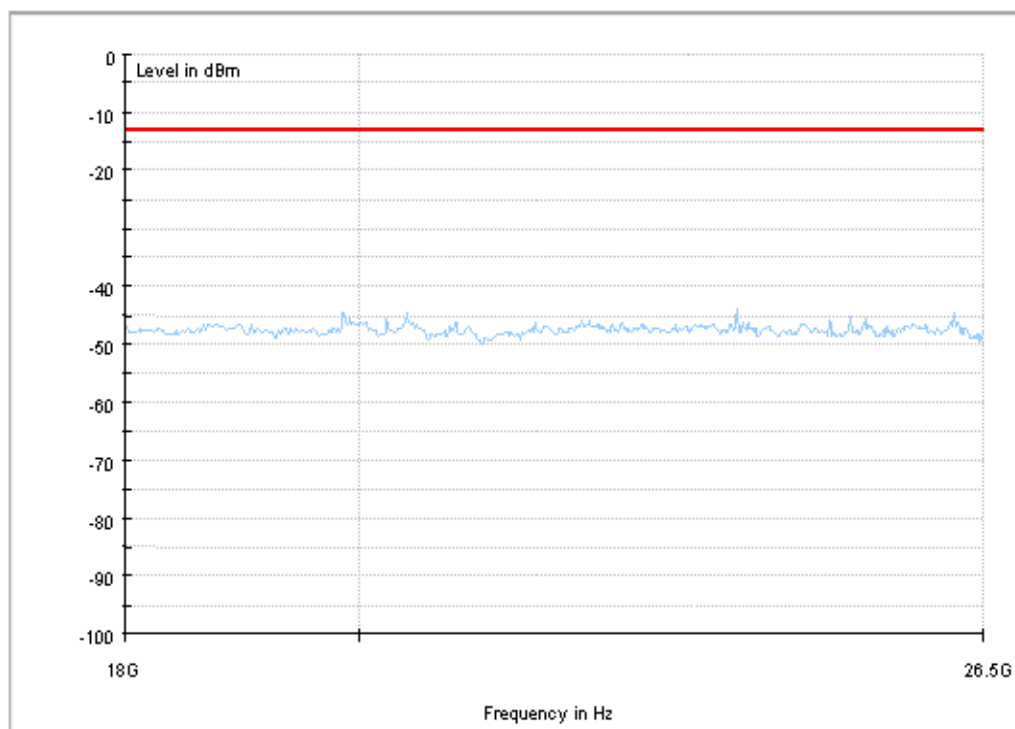
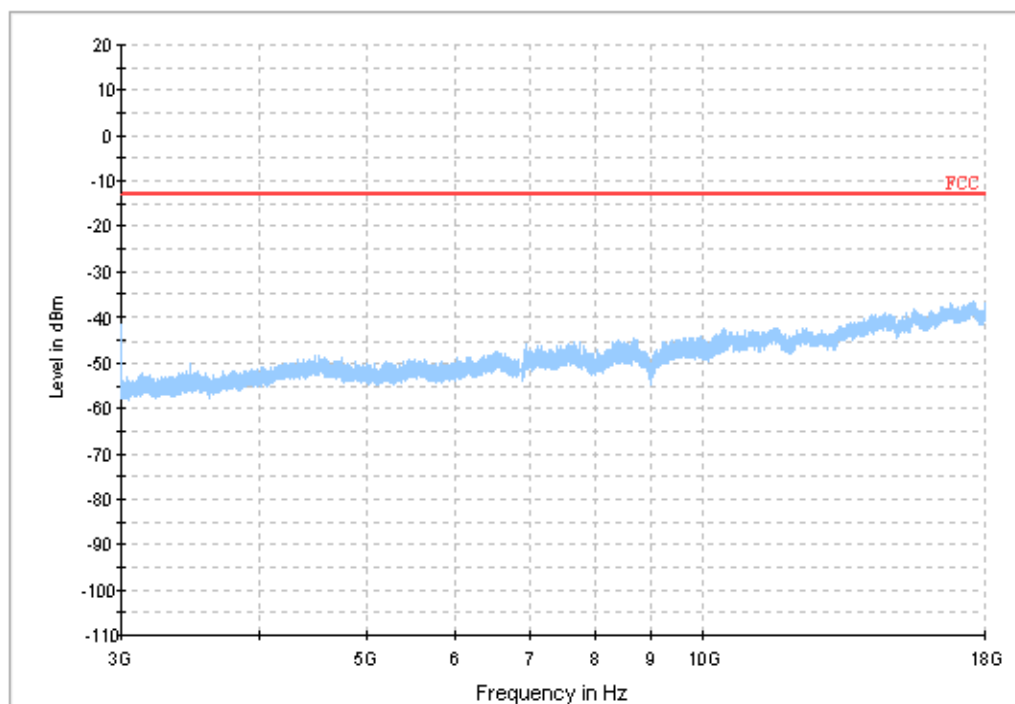
7.3.1.2 Test Bandwidth = 5



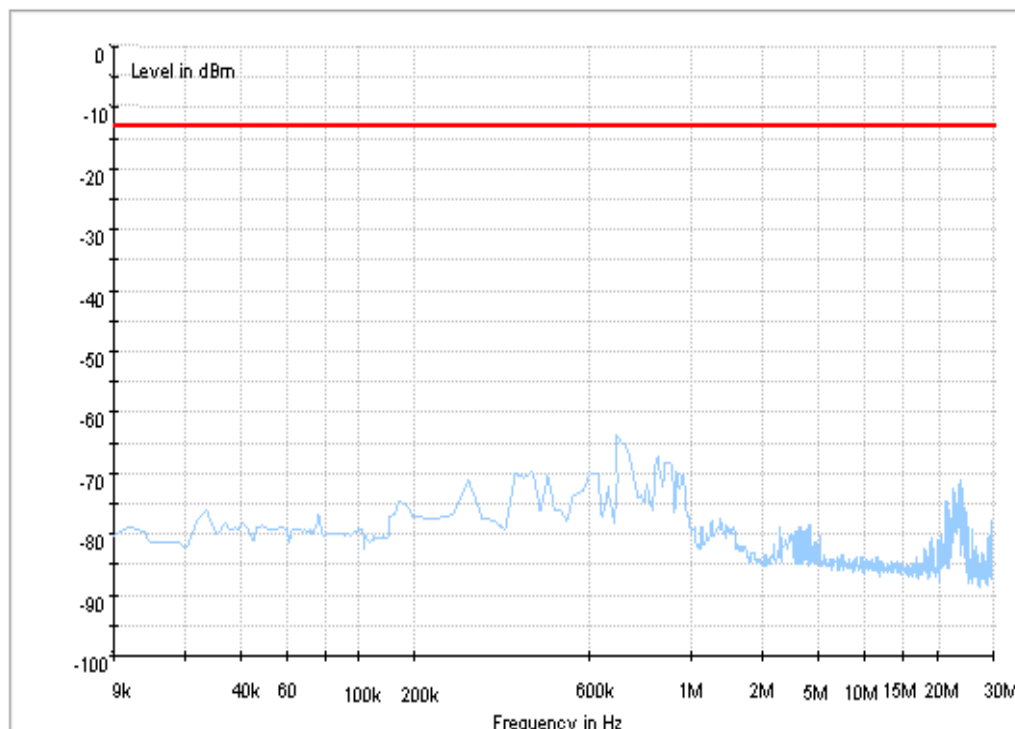
Copy of FCC PART27 LTE Band 4_L



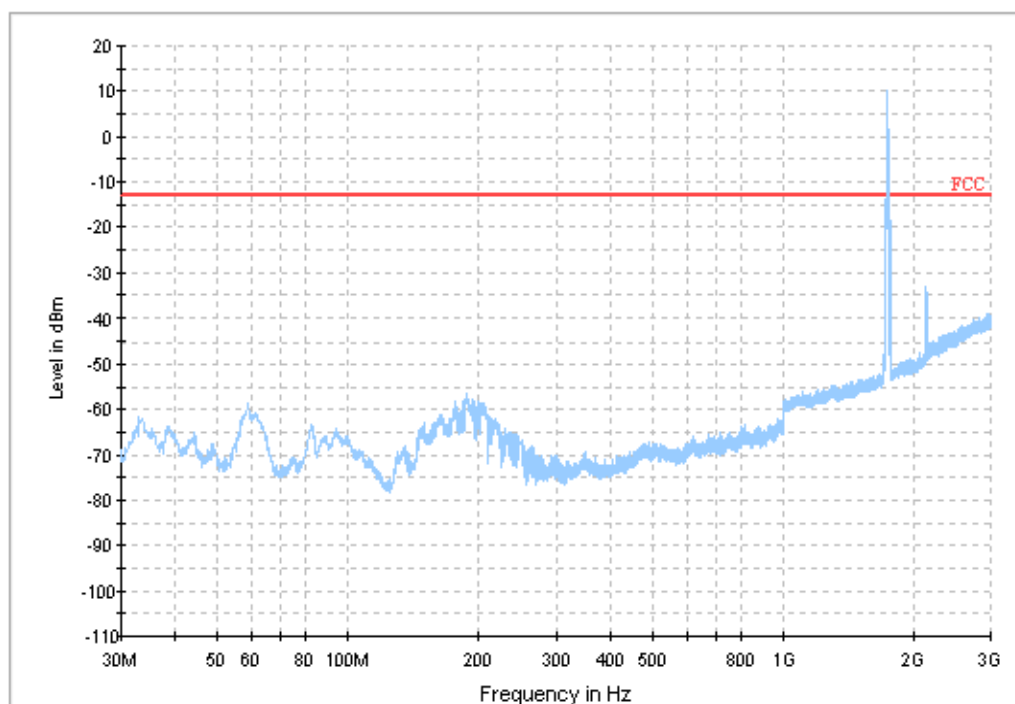
Copy of FCC PART27 LTE Band 4_H



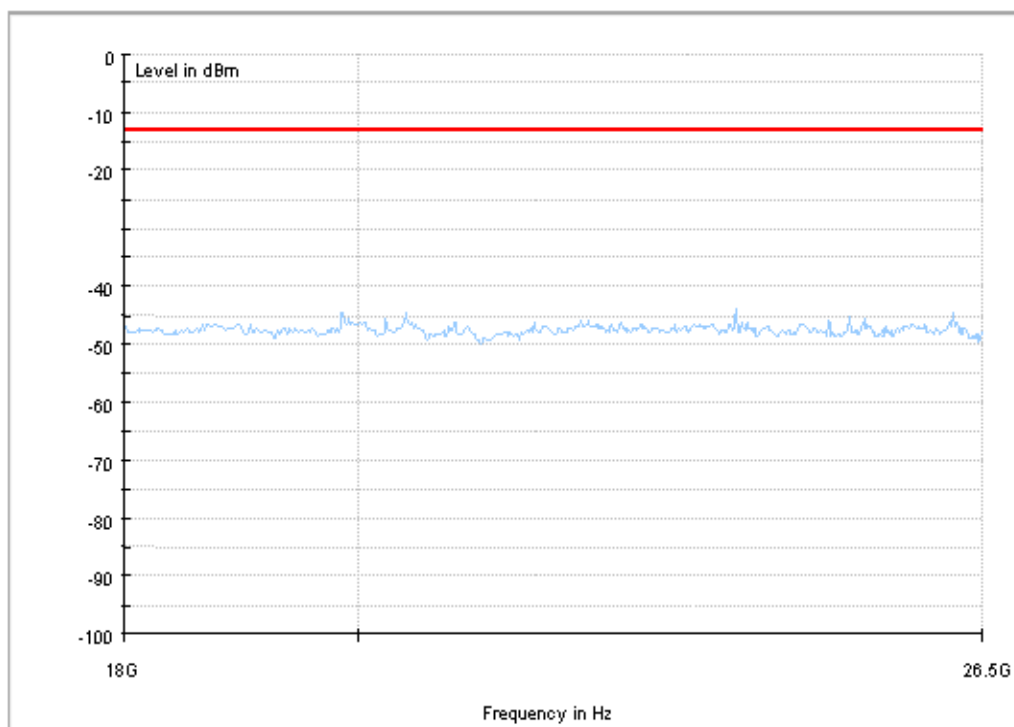
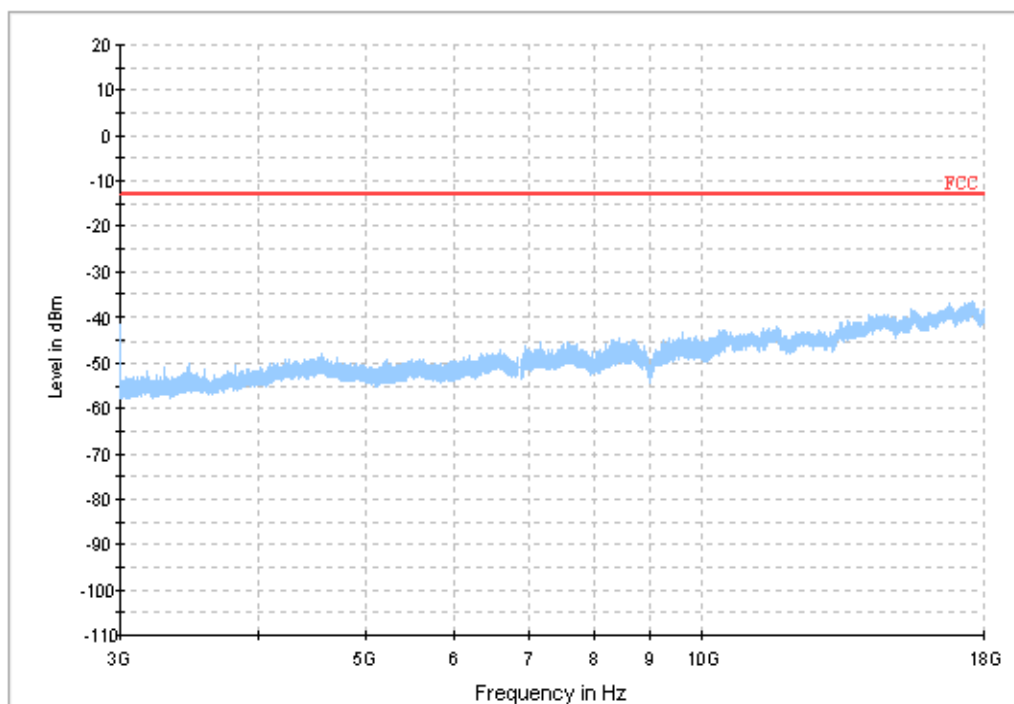
7.3.1.3 Test Bandwidth = 20



Copy of FCC PART27 LTE Band 4_L

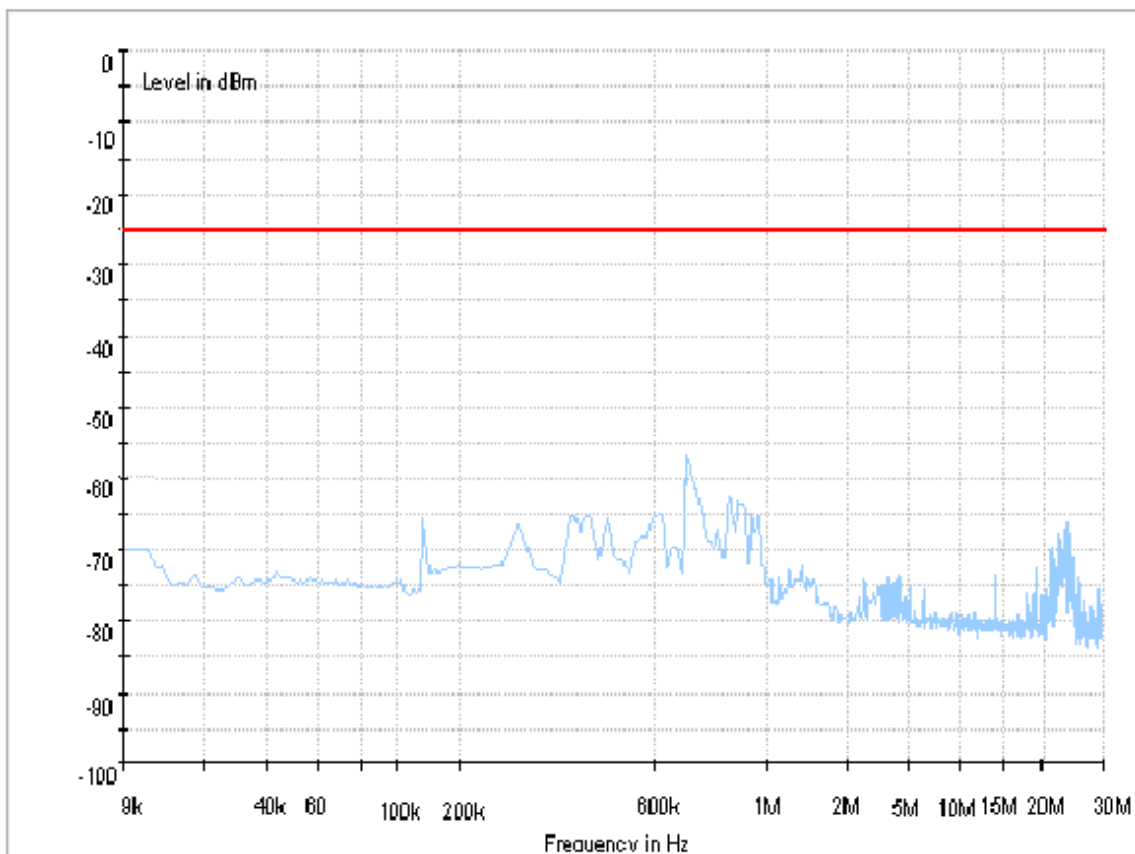


Copy of FCC PART27 LTE Band 4_H

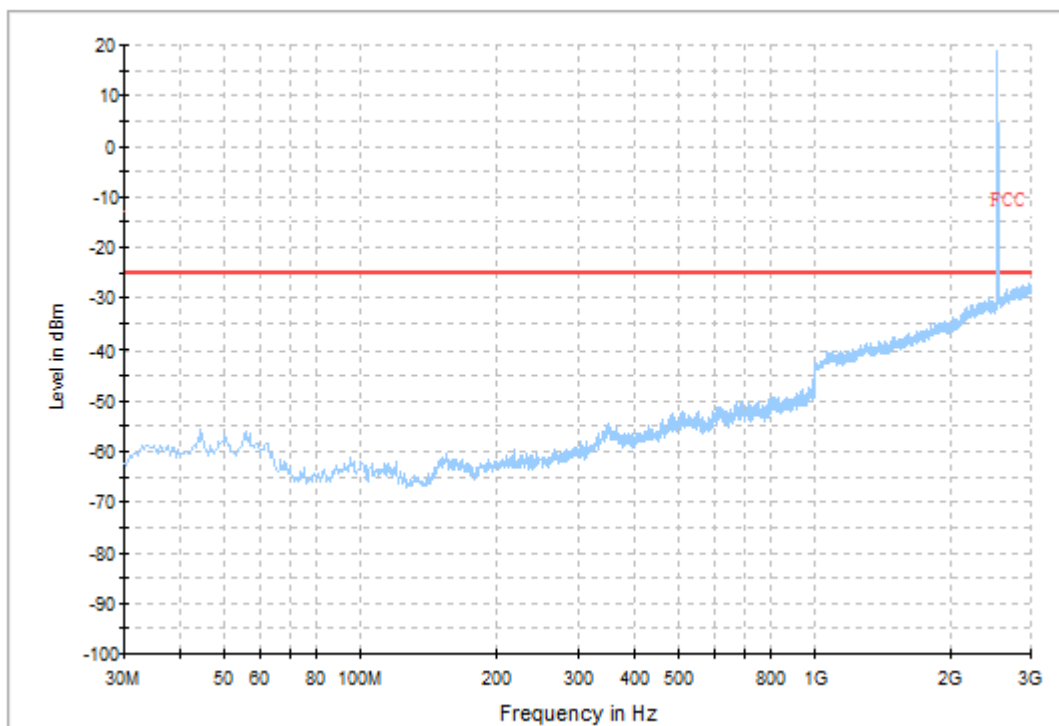


7.3.2 Test Band = BAND7

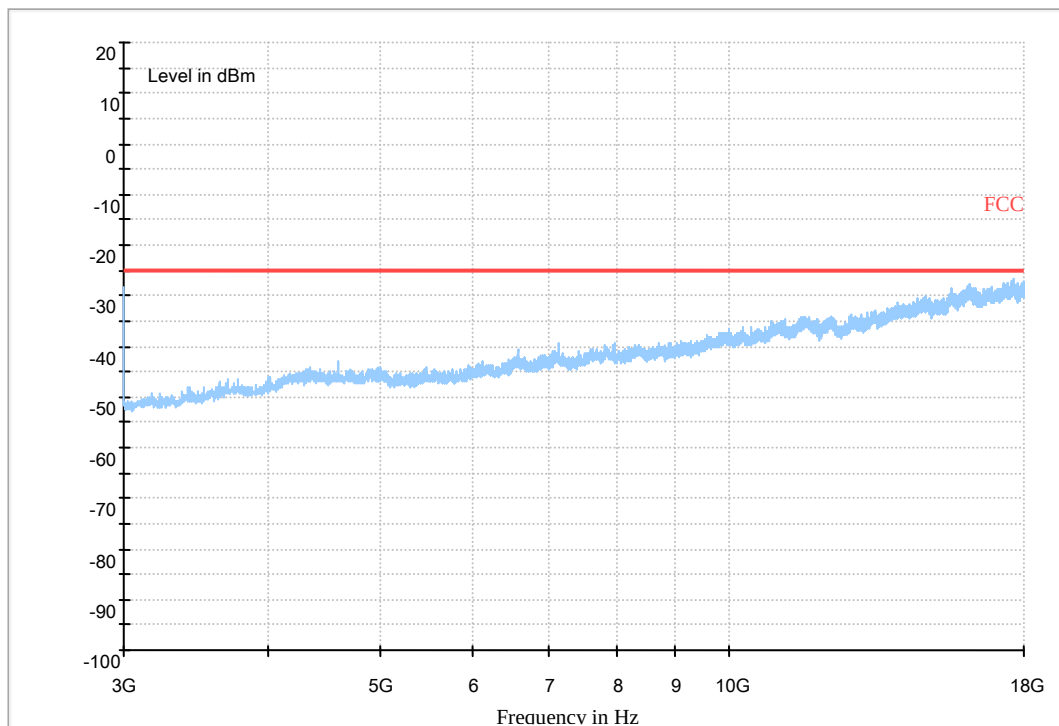
7.3.2.1 Test Bandwidth = 5

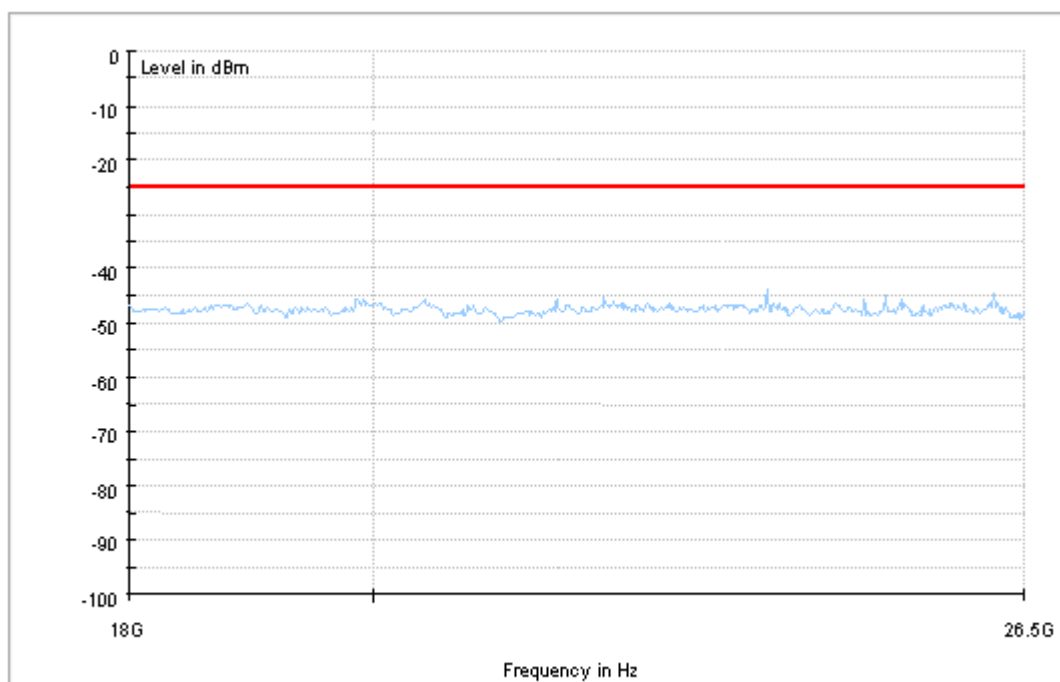


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

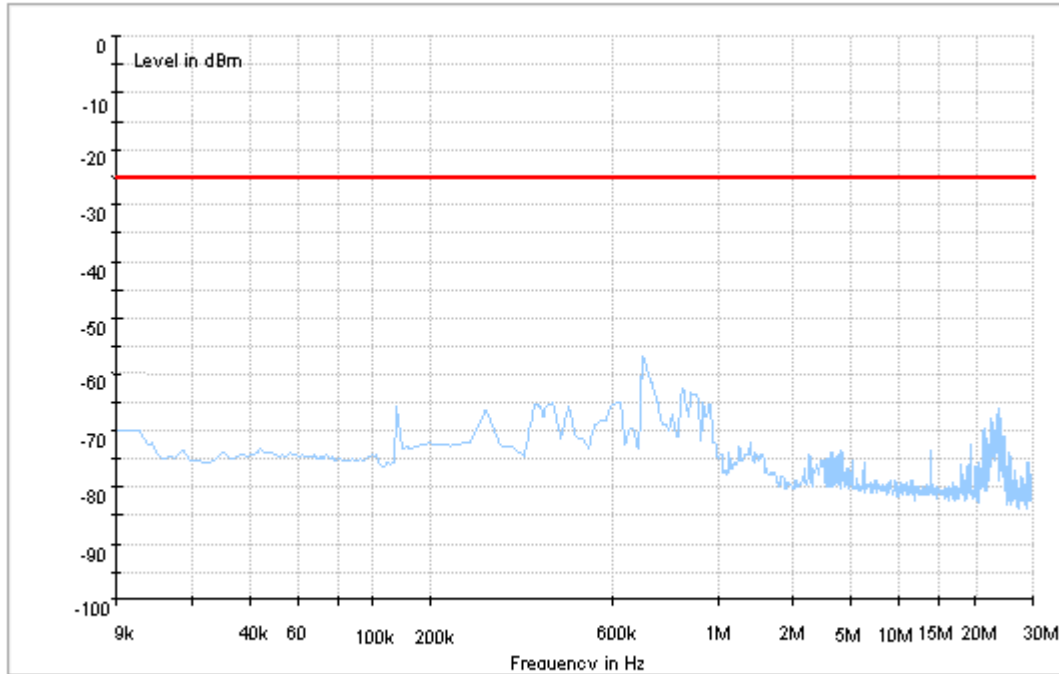


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

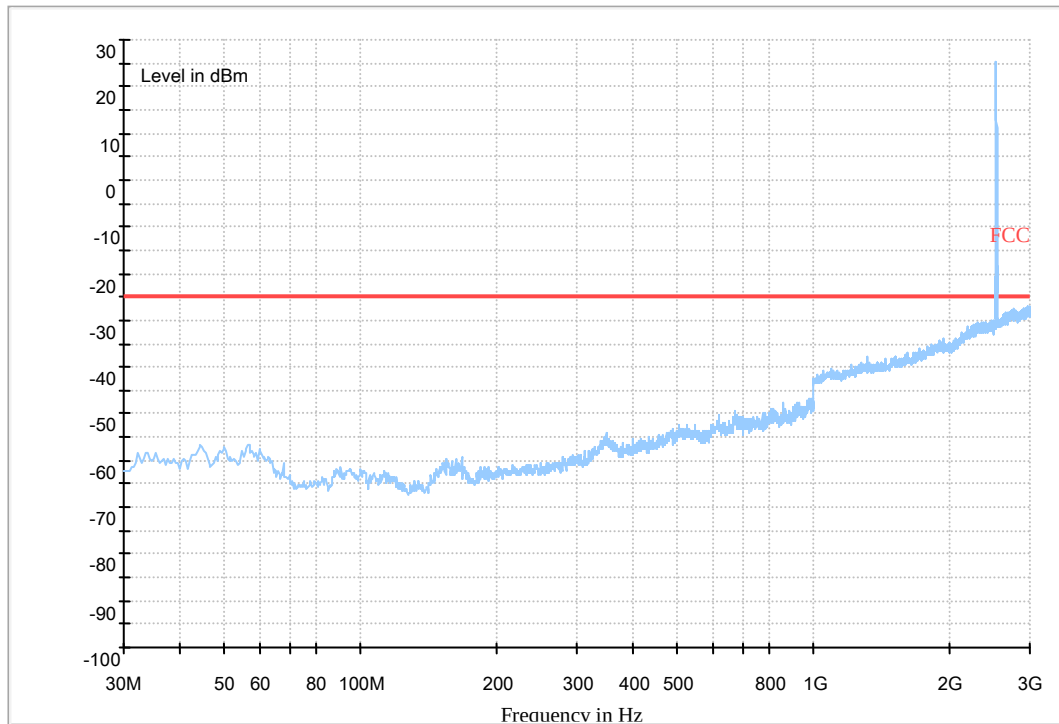




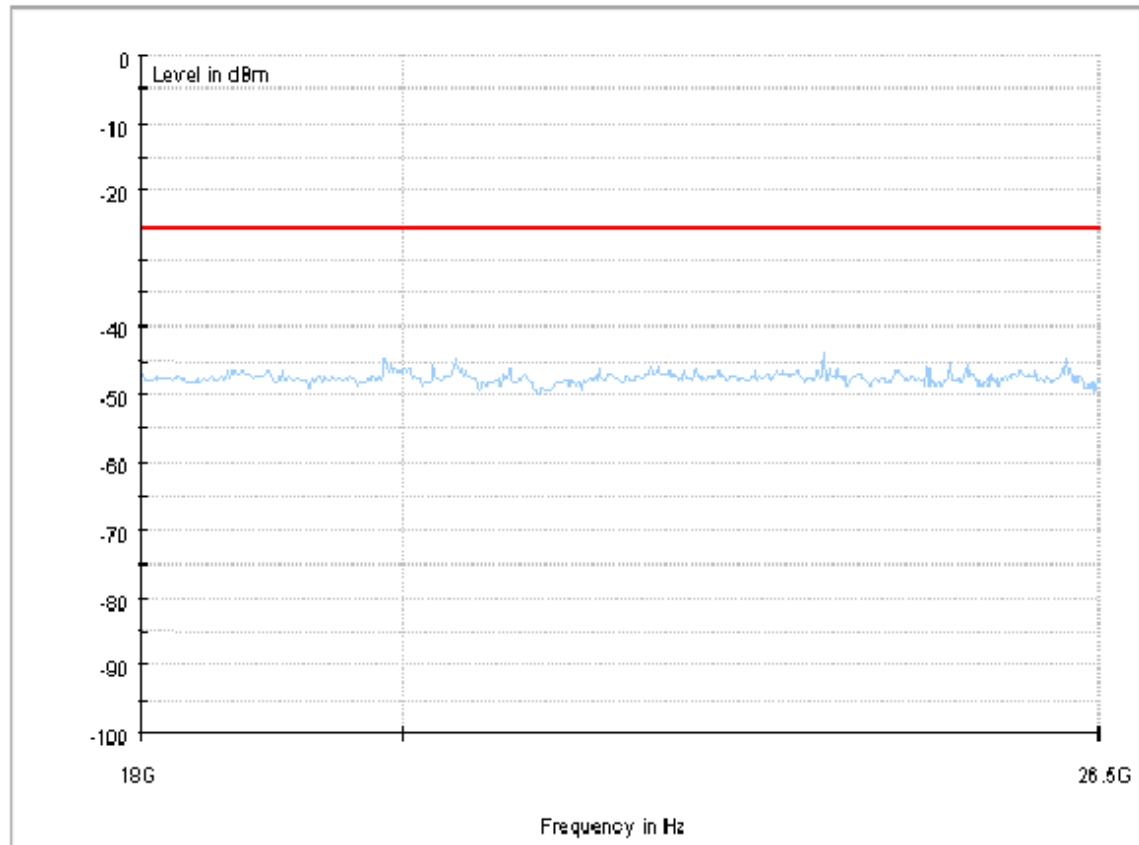
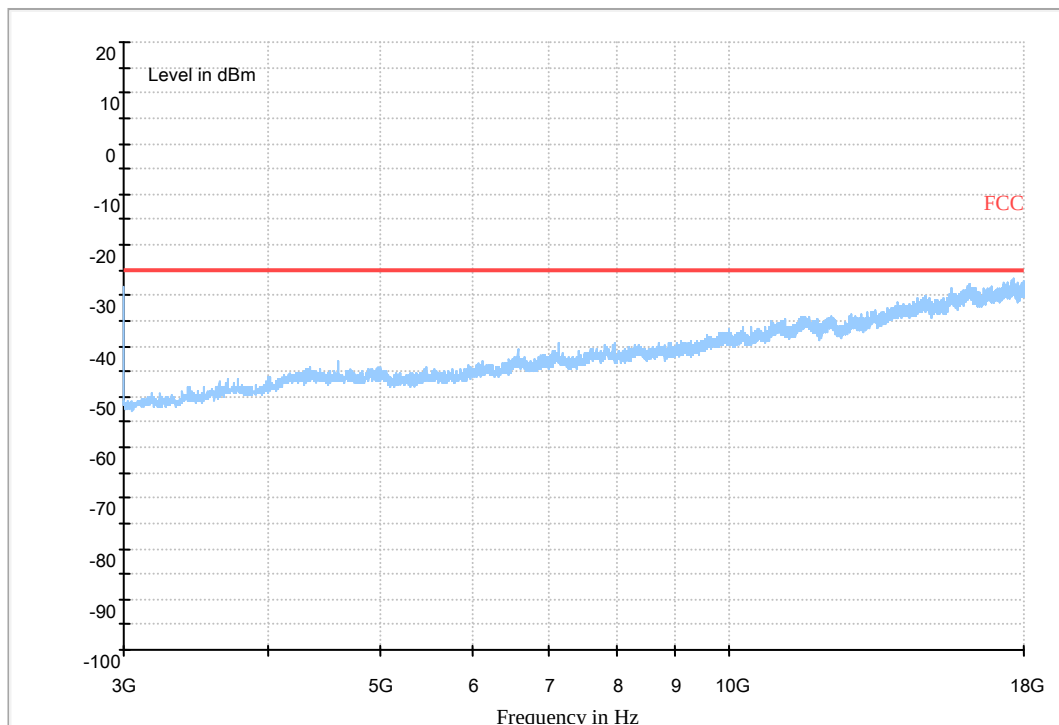
7.3.2.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

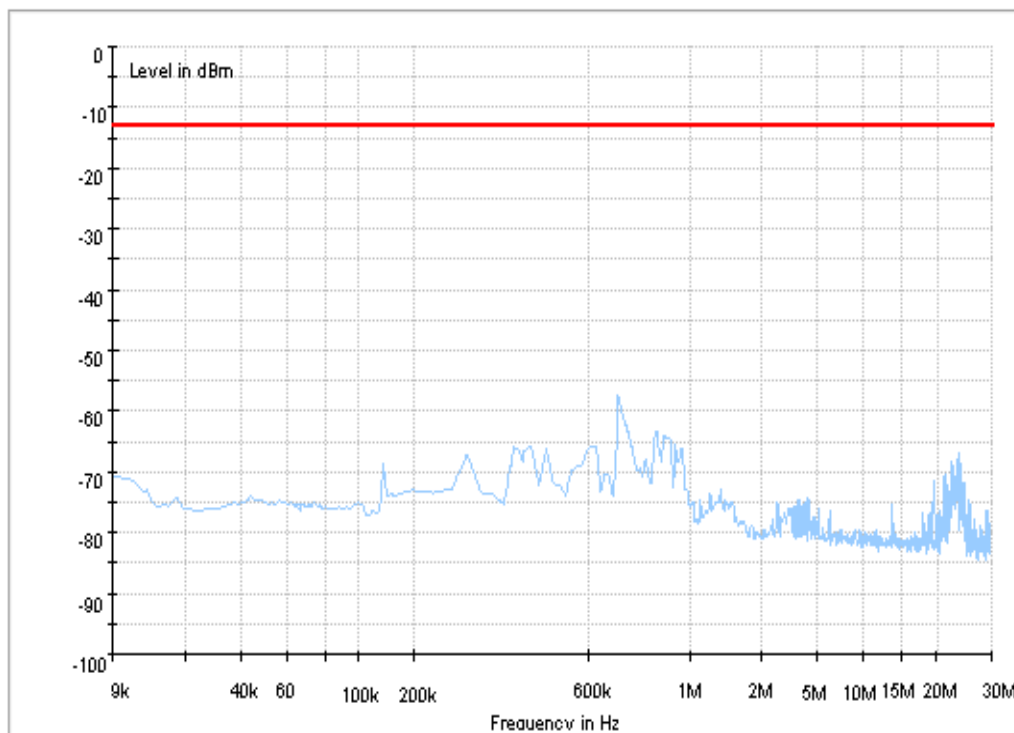


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

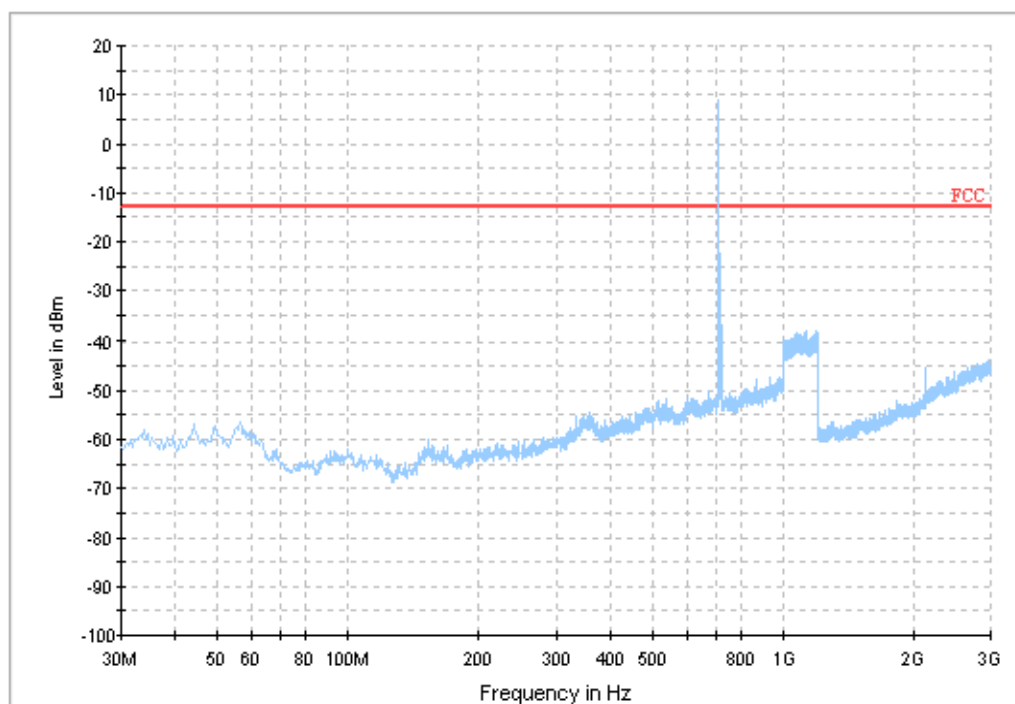


7.3.3 Test Band = BAND17

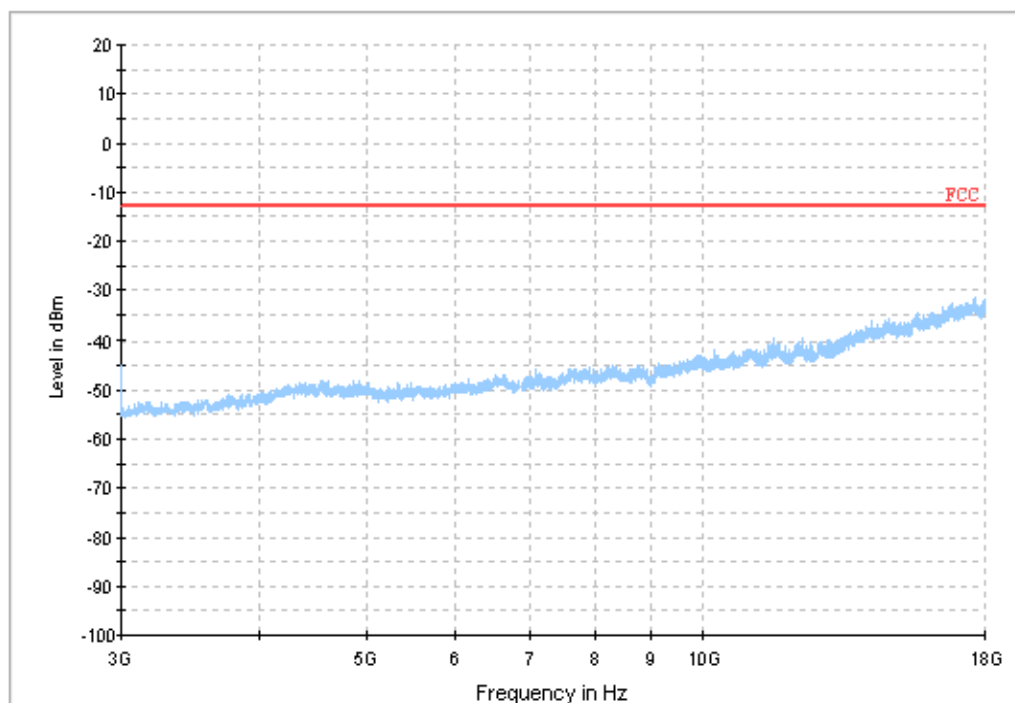
7.3.3.1 Test Bandwidth = 5



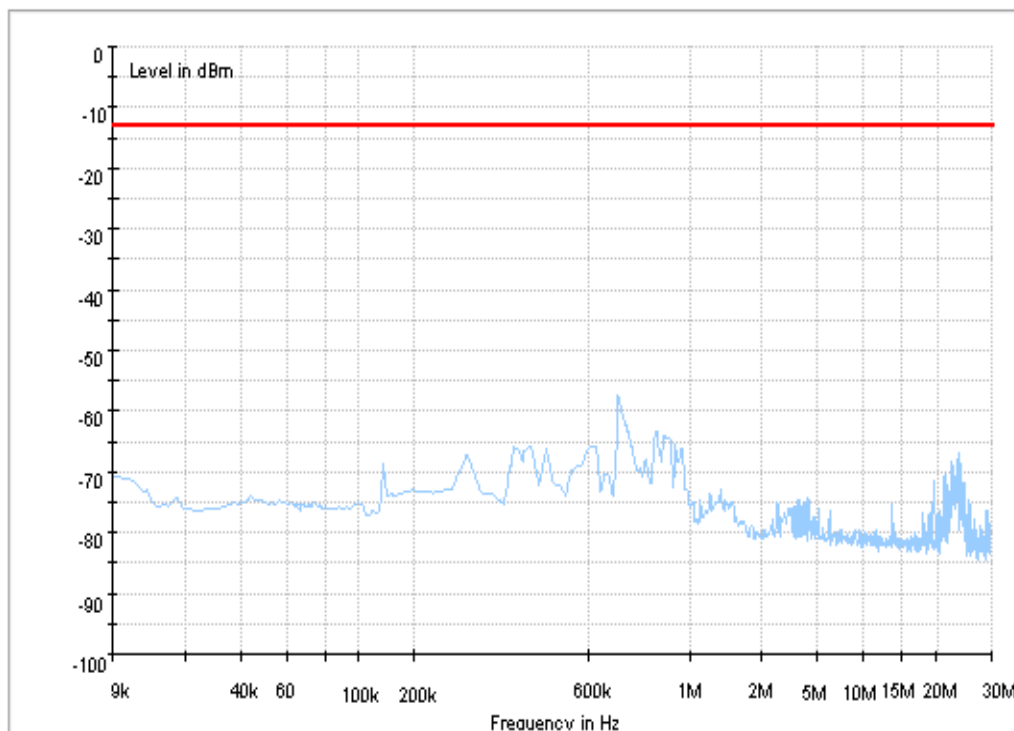
Copy of RSE-TX-DIRECTOR BELOW 1G_L



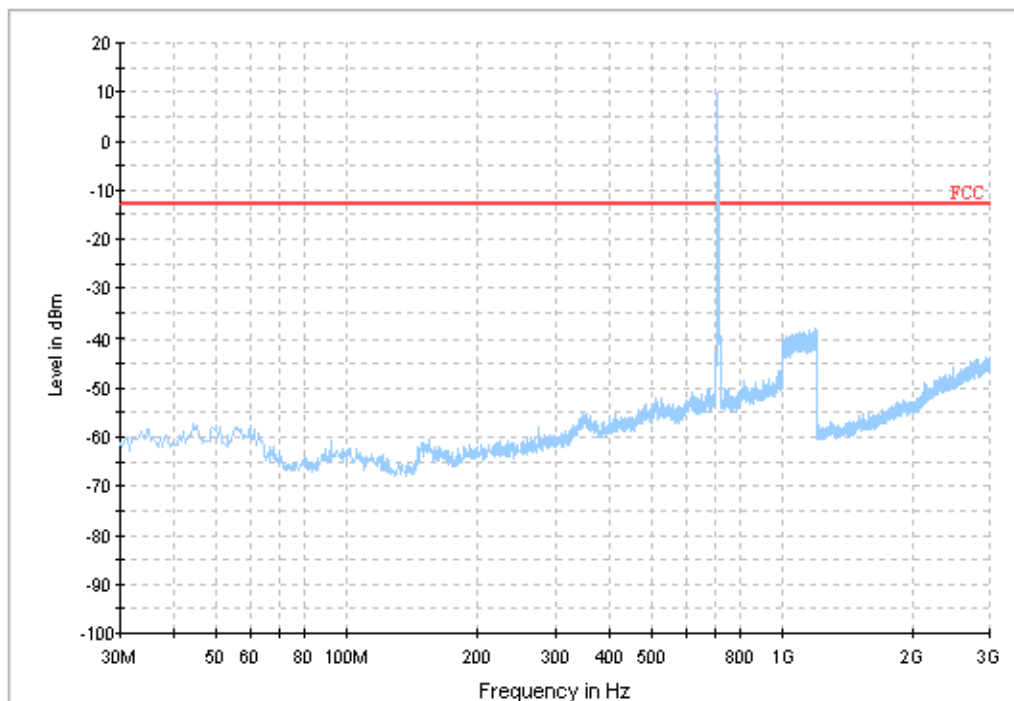
Copy of RSE-TX-DIRECTOR BELOW 1G_H



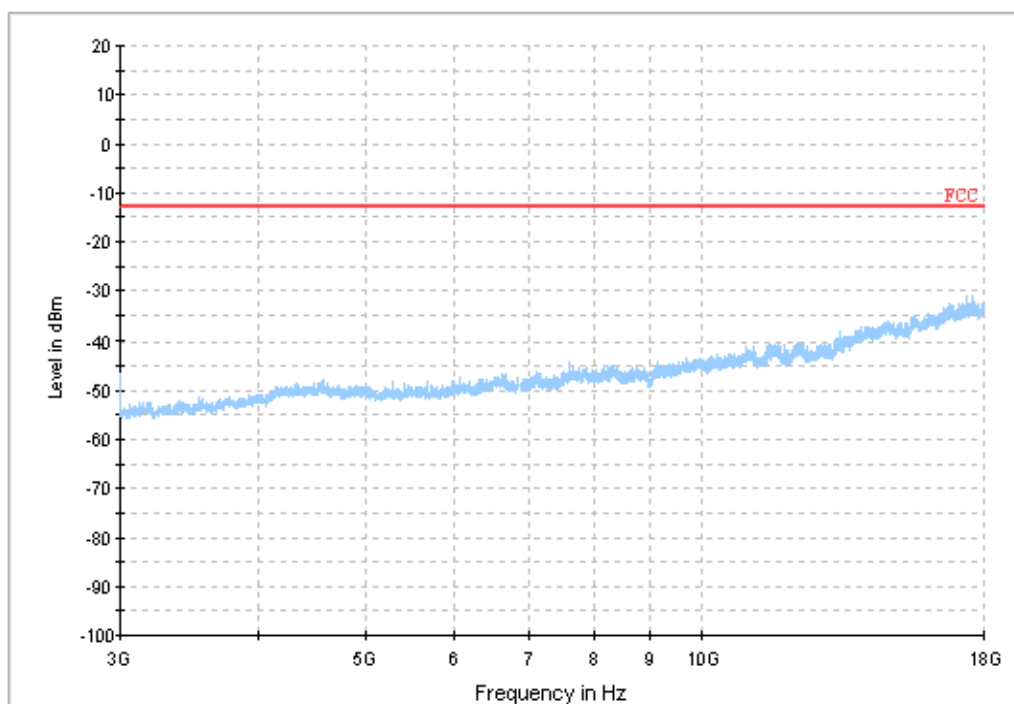
7.3.3.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For GSM

8.1.1Frequency 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	-17.11	-0.02076	PASS
				VN	-20.21	-0.02452	PASS
				VH	-18.27	-0.02217	PASS
		MCH	TN	VL	-19.95	-0.02385	PASS
				VN	-17.31	-0.02069	PASS
				VH	-14.79	-0.01768	PASS
		HCH	TN	VL	-17.43	-0.02053	PASS
				VN	-15.95	-0.01879	PASS
				VH	-13.88	-0.01635	PASS
	GSM/TM2	LCH	TN	VL	-19.5	-0.02366	PASS
				VN	-19.37	-0.0235	PASS
				VH	-16.76	-0.02033	PASS
		MCH	TN	VL	-9.91	-0.01185	PASS
				VN	-7.75	-0.00926	PASS
				VH	-8.39	-0.01003	PASS
		HCH	TN	VL	-12.14	-0.0143	PASS
				VN	-10.62	-0.01251	PASS
				VH	-7.23	-0.00852	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-10.98	-0.00593	PASS
				VN	-17.89	-0.00967	PASS
				VH	-10.65	-0.00576	PASS
		MCH	TN	VL	19.57	0.01041	PASS
				VN	8.98	0.00478	PASS
				VH	8.14	0.00433	PASS
		HCH	TN	VL	7.23	0.00379	PASS
				VN	4.91	0.00257	PASS
				VH	3.29	0.00172	PASS
	GSM/TM2	LCH	TN	VL	1.03	0.00056	PASS
				VN	-8.72	-0.00471	PASS
				VH	-1.19	-0.00064	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	9.07	0.00482	PASS
				VN	18.6	0.00989	PASS
				VH	25.09	0.01335	PASS
		HCH	TN	VL	7.23	0.00379	PASS
				VN	6.78	0.00355	PASS
				VH	1.1	0.00058	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	-18.34	-0.02225	PASS
				-20	-19.11	-0.02319	PASS
				-10	-19.69	-0.02389	PASS
				0	-20.4	-0.02475	PASS
				10	-20.02	-0.02429	PASS
				20	-21.76	-0.0264	PASS
				30	-23.5	-0.02851	PASS
				40	-20.34	-0.02468	PASS
				50	-20.4	-0.02475	PASS
		MCH	VN	-30	-12.59	-0.01505	PASS
				-20	-14.92	-0.01783	PASS
				-10	-16.72	-0.01999	PASS
				0	-14.21	-0.01699	PASS
				10	-11.62	-0.01389	PASS
				20	-14.98	-0.01791	PASS
				30	-7.81	-0.00934	PASS
				40	-10.78	-0.01289	PASS
				50	-10.53	-0.01259	PASS
		HCH	VN	-30	-19.05	-0.02244	PASS
				-20	-12.4	-0.01461	PASS
				-10	-19.05	-0.02244	PASS
				0	-17.05	-0.02009	PASS
				10	-14.01	-0.01651	PASS
				20	-16.34	-0.01925	PASS
				30	-18.14	-0.02137	PASS
				40	-15.76	-0.01857	PASS
				50	-14.92	-0.01758	PASS
	GSM/TM2	LCH	VN	-30	-14.4	-0.01747	PASS
				-20	-14.5	-0.01759	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-10	-14.95	-0.01814	PASS
				0	-15.43	-0.01872	PASS
				10	-17.56	-0.02131	PASS
				20	-17.89	-0.02171	PASS
				30	-16.82	-0.02041	PASS
				40	-17.27	-0.02095	PASS
				50	-18.6	-0.02257	PASS
		MCH	VN	-30	-12.82	-0.01532	PASS
				-20	-13.24	-0.01583	PASS
				-10	-14.3	-0.01709	PASS
				0	-10.88	-0.01301	PASS
				10	-10.3	-0.01231	PASS
				20	-10.62	-0.01269	PASS
				30	-11.88	-0.0142	PASS
				40	-9.94	-0.01188	PASS
				50	-8.94	-0.01069	PASS
		HCH	VN	-30	-11.36	-0.01338	PASS
				-20	-13.82	-0.01628	PASS
				-10	-9.27	-0.01092	PASS
				0	-13.56	-0.01598	PASS
				10	-15.59	-0.01837	PASS
				20	-17.14	-0.02019	PASS
				30	-17.24	-0.02031	PASS
				40	-10.88	-0.01282	PASS
				50	-10.91	-0.01285	PASS
GSM1900	GSM/TM1	LCH	VN	-30	-1.23	-0.00066	PASS
				-20	-4.2	-0.00227	PASS
				-10	-9.56	-0.00517	PASS
				0	-7.04	-0.0038	PASS
				10	-18.79	-0.01016	PASS
				20	-12.33	-0.00666	PASS
				30	-20.34	-0.01099	PASS
				40	-10.2	-0.00551	PASS
				50	-9.36	-0.00506	PASS
		MCH	VN	-30	6.46	0.00344	PASS
				-20	13.11	0.00697	PASS
				-10	16.34	0.00869	PASS
				0	11.82	0.00629	PASS
				10	9.23	0.00491	PASS
				20	13.24	0.00704	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				30	16.4	0.00872	PASS
				40	13.88	0.00738	PASS
				50	13.69	0.00728	PASS
		HCH	VN	-30	1.61	0.00084	PASS
				-20	0.9	0.00047	PASS
				-10	4.2	0.0022	PASS
				0	-1.29	-0.00068	PASS
				10	4.2	0.0022	PASS
				20	-2.71	-0.00142	PASS
				30	-2.84	-0.00149	PASS
				40	3.81	0.00199	PASS
				50	-5.68	-0.00297	PASS
	GSM/TM2	LCH	VN	-30	0.36	0.00019	PASS
				-20	-7.75	-0.00419	PASS
				-10	-6.52	-0.00352	PASS
				0	-9.72	-0.00525	PASS
				10	-7.85	-0.00424	PASS
				20	-11.43	-0.00618	PASS
				30	-4.39	-0.00237	PASS
				40	-7.01	-0.00379	PASS
				50	-4.16	-0.00225	PASS
		MCH	VN	-30	27.77	0.01477	PASS
				-20	20.99	0.01116	PASS
				-10	18.21	0.00969	PASS
				0	34.71	0.01846	PASS
				10	24.18	0.01286	PASS
				20	20.11	0.0107	PASS
				30	21.86	0.01163	PASS
				40	21.05	0.0112	PASS
				50	16.89	0.00898	PASS
		HCH	VN	-30	10.27	0.00538	PASS
				-20	3.94	0.00206	PASS
				-10	6.2	0.00325	PASS
				0	18.69	0.00979	PASS
				10	16.01	0.00838	PASS
				20	6.62	0.00347	PASS
				30	8.43	0.00441	PASS
				40	19.02	0.00996	PASS
				50	13.72	0.00718	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	1.33	0.00161	PASS
				VN	-6.99	-0.00846	PASS
				VH	4.18	0.00506	PASS
		MCH	TN	VL	-3.4	-0.00407	PASS
				VN	0.27	0.00032	PASS
				VH	-5.89	-0.00704	PASS
		HCH	TN	VL	-2.53	-0.00299	PASS
				VN	1.95	0.0023	PASS
				VH	4.43	0.00523	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	-18.45	-0.00996	PASS
				VN	-9.34	-0.00504	PASS
				VH	-16.85	-0.0091	PASS
		MCH	TN	VL	-11.84	-0.0063	PASS
				VN	-6.09	-0.00324	PASS
				VH	3.31	0.00176	PASS
		HCH	TN	VL	-3.23	-0.00169	PASS
				VN	-4.61	-0.00242	PASS
				VH	-15.26	-0.008	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	2.94	0.00172	PASS
				VN	2.76	0.00161	PASS
				VH	-1.02	-0.0006	PASS
		MCH	TN	VL	-8.65	-0.00499	PASS
				VN	2.59	0.00149	PASS
				VH	-0.32	-0.00018	PASS
		HCH	TN	VL	1.45	0.00083	PASS
				VN	2.73	0.00156	PASS
				VH	3.48	0.00199	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	-4.7	-0.00569	PASS
				-20	-2.23	-0.0027	PASS
				-10	0.37	0.00045	PASS
				0	0.56	0.00068	PASS
				10	-4.39	-0.00531	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				20	5.11	0.00618	PASS
				30	1.53	0.00185	PASS
				40	1.3	0.00157	PASS
				50	-0.18	-0.00022	PASS
		MCH	VN	-30	1.36	0.00163	PASS
				-20	1.11	0.00133	PASS
				-10	4.93	0.00589	PASS
				0	0.17	0.0002	PASS
				10	-3.77	-0.00451	PASS
				20	0.32	0.00038	PASS
				30	3.97	0.00475	PASS
				40	3.81	0.00456	PASS
				50	0.96	0.00115	PASS
		HCH	VN	-30	-2.41	-0.00285	PASS
				-20	3.56	0.00421	PASS
				-10	0.76	0.0009	PASS
				0	-7.81	-0.00923	PASS
				10	-4.53	-0.00535	PASS
				20	-3.17	-0.00374	PASS
				30	-0.34	-0.0004	PASS
				40	-1.68	-0.00198	PASS
				50	2.98	0.00352	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	-8.03	-0.00433	PASS
				-20	-7.39	-0.00399	PASS
				-10	-11.66	-0.00629	PASS
				0	-11.35	-0.00613	PASS
				10	-10.65	-0.00575	PASS
				20	0.75	0.0004	PASS
				30	-8.15	-0.0044	PASS
				40	-10.06	-0.00543	PASS
				50	-10.56	-0.0057	PASS
		MCH	VN	-30	-4.09	-0.00218	PASS
				-20	-3.14	-0.00167	PASS
				-10	-7.49	-0.00398	PASS
				0	-12.28	-0.00653	PASS
				10	0.26	0.00014	PASS
				20	-19.56	-0.0104	PASS
				30	-1.86	-0.00099	PASS
				40	-10.25	-0.00545	PASS
				50	-10.47	-0.00557	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	-17.84	-0.00935	PASS
				-20	-8.64	-0.00453	PASS
				-10	-2.93	-0.00154	PASS
				0	-16.19	-0.00849	PASS
				10	-8.48	-0.00445	PASS
				20	2.72	0.00143	PASS
				30	-11.06	-0.0058	PASS
				40	2.46	0.00129	PASS
				50	-6.56	-0.00344	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	-1.74	-0.00102	PASS
				-20	1.51	0.00088	PASS
				-10	4.52	0.00264	PASS
				0	-8.39	-0.0049	PASS
				10	0.79	0.00046	PASS
				20	-5.02	-0.00293	PASS
				30	10.83	0.00632	PASS
				40	2.44	0.00142	PASS
				50	-2.06	-0.0012	PASS
		MCH	VN	-30	8.03	0.00463	PASS
				-20	6.38	0.00368	PASS
				-10	0.98	0.00057	PASS
				0	6.18	0.00357	PASS
				10	0.6	0.00035	PASS
				20	10.3	0.00594	PASS
				30	3.08	0.00178	PASS
				40	-1.6	-0.00092	PASS
				50	8.42	0.00486	PASS
		HCH	VN	-30	5.33	0.00304	PASS
				-20	-9.95	-0.00568	PASS
				-10	-5	-0.00285	PASS
				0	1.57	0.0009	PASS
				10	5.95	0.00339	PASS
				20	4.52	0.00258	PASS
				30	-6.9	-0.00394	PASS
				40	4.24	0.00242	PASS
				50	-6.7	-0.00382	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
BAND4	LTE/TM1	1.4	LCH	TN	VL	10.81	0.00632	PASS
					VN	11.86	0.00693	PASS
					VH	7.4	0.00433	PASS
			MCH	TN	VL	11.33	0.00654	PASS
					VN	8.15	0.0047	PASS
					VH	13.79	0.00796	PASS
			HCH	TN	VL	10.63	0.00606	PASS
					VN	8.5	0.00485	PASS
					VH	8.04	0.00458	PASS
		3	LCH	TN	VL	2.4	0.0014	PASS
					VN	5.56	0.00325	PASS
					VH	6.92	0.00404	PASS
			MCH	TN	VL	3.71	0.00214	PASS
					VN	2.57	0.00148	PASS
					VH	2.17	0.00125	PASS
			HCH	TN	VL	2.37	0.00135	PASS
					VN	1.75	0.001	PASS
					VH	6.05	0.00345	PASS
		5	LCH	TN	VL	2.16	0.00126	PASS
					VN	2.82	0.00165	PASS
					VH	1.67	0.00098	PASS
			MCH	TN	VL	3.09	0.00178	PASS
					VN	2.8	0.00162	PASS
					VH	5.21	0.00301	PASS
			HCH	TN	VL	1.22	0.0007	PASS
					VN	1.93	0.0011	PASS
					VH	2.65	0.00151	PASS
		10	LCH	TN	VL	-1.76	-0.00103	PASS
					VN	2.63	0.00153	PASS
					VH	0.29	0.00017	PASS
			MCH	TN	VL	1.77	0.00102	PASS
					VN	0.96	0.00055	PASS
					VH	0.5	0.00029	PASS
			HCH	TN	VL	1.54	0.00088	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.4	-0.00023	PASS
					VH	1.24	0.00071	PASS
		15	LCH	TN	VL	0.31	0.00018	PASS
					VN	1.03	0.0006	PASS
					VH	2.19	0.00128	PASS
					VL	2.43	0.0014	PASS
			MCH	TN	VN	2.32	0.00134	PASS
					VH	0.89	0.00051	PASS
					VL	1.75	0.001	PASS
			HCH	TN	VN	2.42	0.00138	PASS
					VH	1.87	0.00107	PASS
					VL	-0.92	-0.00053	PASS
		20	LCH	TN	VN	0.62	0.00036	PASS
					VH	1.22	0.00071	PASS
					VL	1.02	0.00059	PASS
			MCH	TN	VN	0.67	0.00039	PASS
					VH	-0.14	-0.00008	PASS
					VL	-0.19	-0.00011	PASS
			HCH	TN	VN	-0.26	-0.00015	PASS
					VH	-0.94	-0.00054	PASS
					VL	5.65	0.0033	PASS
	LTE/TM2	1.4	LCH	TN	VN	3.42	0.002	PASS
					VH	11.04	0.00645	PASS
					VL	9.58	0.00553	PASS
			MCH	TN	VN	12.35	0.00713	PASS
					VH	16.37	0.00945	PASS
					VL	13.48	0.00768	PASS
			HCH	TN	VN	9.04	0.00515	PASS
					VH	8.44	0.00481	PASS
					VL	5.87	0.00343	PASS
		3	LCH	TN	VN	5.62	0.00328	PASS
					VH	4.11	0.0024	PASS
					VL	4.49	0.00259	PASS
			MCH	TN	VN	1.67	0.00096	PASS
					VH	5.15	0.00297	PASS
					VL	3.32	0.00189	PASS
			HCH	TN	VN	3.16	0.0018	PASS
					VH	3.73	0.00213	PASS
					VL	3.16	0.00185	PASS
		5	LCH	TN	VL	3.16	0.00185	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	3.09	0.0018	PASS
					VH	1.93	0.00113	PASS
					VL	3.03	0.00175	PASS
					VN	2.37	0.00137	PASS
			MCH	TN	VH	2.82	0.00163	PASS
					VL	1.57	0.0009	PASS
					VN	3.55	0.00203	PASS
					VH	0.56	0.00032	PASS
		10	LCH	TN	VL	-0.92	-0.00054	PASS
					VN	1.99	0.00116	PASS
					VH	1.75	0.00102	PASS
			MCH	TN	VL	1.44	0.00083	PASS
					VN	1.17	0.00068	PASS
					VH	4.43	0.00256	PASS
			HCH	TN	VL	0.73	0.00042	PASS
					VN	1.5	0.00086	PASS
					VH	1.1	0.00063	PASS
		15	LCH	TN	VL	1.49	0.00087	PASS
					VN	1.83	0.00107	PASS
					VH	2.76	0.00161	PASS
			MCH	TN	VL	1.07	0.00062	PASS
					VN	1.02	0.00059	PASS
					VH	1.12	0.00065	PASS
			HCH	TN	VL	1.06	0.00061	PASS
					VN	1.99	0.00114	PASS
					VH	0.77	0.00044	PASS
		20	LCH	TN	VL	-1.56	-0.00091	PASS
					VN	2.06	0.0012	PASS
					VH	0.47	0.00027	PASS
			MCH	TN	VL	-1.32	-0.00076	PASS
					VN	1.33	0.00077	PASS
					VH	2.6	0.0015	PASS
			HCH	TN	VL	-0.13	-0.00007	PASS
					VN	-0.62	-0.00036	PASS
					VH	0.43	0.00025	PASS
BAND7	LTE/TM1	5	LCH	TN	VL	3.59	0.00143	PASS
					VN	4.03	0.00161	PASS
					VH	-2.79	-0.00111	PASS
			MCH	TN	VL	3.39	0.00134	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.59	0.00102	PASS
					VH	2.88	0.00114	PASS
					VL	-2.2	-0.00086	PASS
					VN	0.92	0.00036	PASS
					VH	0.84	0.00033	PASS
			HCH	TN	VL	-0.13	-0.00005	PASS
					VN	6.61	0.00264	PASS
					VH	-1.99	-0.00079	PASS
					VL	2.73	0.00108	PASS
					VN	4.92	0.00194	PASS
		10	LCH	TN	VH	1.82	0.00072	PASS
					VL	5.18	0.00202	PASS
					VN	4.38	0.00171	PASS
					VH	4.05	0.00158	PASS
			MCH	TN	VL	0.83	0.00033	PASS
					VN	1.07	0.00043	PASS
					VH	2.09	0.00083	PASS
					VL	-2.09	-0.00082	PASS
					VN	2.5	0.00099	PASS
					VH	4.08	0.00161	PASS
		15	LCH	TN	VL	2.9	0.00113	PASS
					VN	2.36	0.00092	PASS
					VH	2.9	0.00113	PASS
			MCH	TN	VL	3.35	0.00133	PASS
					VN	0.94	0.00037	PASS
					VH	1.65	0.00066	PASS
					VL	-0.66	-0.00026	PASS
					VN	1.36	0.00054	PASS
					VH	0.3	0.00012	PASS
		20	LCH	TN	VL	0.37	0.00014	PASS
					VN	0.8	0.00031	PASS
					VH	0.7	0.00027	PASS
			MCH	TN	VL	3.18	0.00127	PASS
					VN	4.45	0.00178	PASS
					VH	4.49	0.00179	PASS
		5	LCH	TN	VL	0.57	0.00022	PASS
					VN	2.09	0.00082	PASS
					VH	7.72	0.00305	PASS
			MCH	TN	VL	-1.19	-0.00046	PASS
			HCH	TN				
	LTE/TM2	5	LCH	TN				
			MCH	TN				
			HCH	TN				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.55	0.00099	PASS
					VH	8.5	0.00331	PASS
		10	LCH	TN	VL	5.31	0.00212	PASS
					VN	4.79	0.00191	PASS
					VH	3.91	0.00156	PASS
					VL	1.34	0.00053	PASS
			MCH	TN	VN	0.62	0.00024	PASS
					VH	3.52	0.00139	PASS
					VL	-0.27	-0.00011	PASS
			HCH	TN	VN	3.26	0.00127	PASS
					VH	-1.26	-0.00049	PASS
					VL	0.1	0.00004	PASS
		15	LCH	TN	VN	3	0.0012	PASS
					VH	2.37	0.00095	PASS
					VL	0.24	0.00009	PASS
			MCH	TN	VN	-1.42	-0.00056	PASS
					VH	2.43	0.00096	PASS
					VL	1.65	0.00064	PASS
			HCH	TN	VN	4.01	0.00156	PASS
					VH	-3.88	-0.00151	PASS
					VL	-1.26	-0.0005	PASS
		20	LCH	TN	VN	-1.6	-0.00064	PASS
					VH	0.09	0.00004	PASS
					VL	-2.15	-0.00085	PASS
			MCH	TN	VN	-2.42	-0.00095	PASS
					VH	-1.57	-0.00062	PASS
					VL	-0.74	-0.00029	PASS
			HCH	TN	VN	0.82	0.00032	PASS
					VH	-2.92	-0.00114	PASS
					VL	5.46	0.00773	PASS
BAND17	LTE/TM1	5	LCH	TN	VN	2.85	0.00403	PASS
					VH	8.51	0.01205	PASS
					VL	3.89	0.00548	PASS
			MCH	TN	VN	6.22	0.00876	PASS
					VH	3.3	0.00465	PASS
					VL	1.6	0.00224	PASS
			HCH	TN	VN	5.29	0.00741	PASS
					VH	5.29	0.00741	PASS
					VL	2.09	0.00295	PASS
		10	LCH	TN	VL	2.09	0.00295	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				TN	VN	-0.21	-0.0003	PASS
					VH	0.37	0.00052	PASS
					VL	0.26	0.00037	PASS
					VN	-0.39	-0.00055	PASS
					VH	-0.36	-0.00051	PASS
					VL	1.4	0.00197	PASS
			HCH	TN	VN	2.4	0.00338	PASS
					VH	-1.12	-0.00158	PASS
			LCH	TN	VL	4.58	0.00648	PASS
					VN	1.16	0.00164	PASS
					VH	6.49	0.00919	PASS
				TN	VL	5.79	0.00815	PASS
					VN	-0.43	-0.00061	PASS
					VH	3.81	0.00537	PASS
				TN	VL	1.65	0.00231	PASS
					VN	6.17	0.00865	PASS
					VH	-2.4	-0.00336	PASS
	LTE/TM2	5	LCH	TN	VL	-0.44	-0.00062	PASS
					VN	2.89	0.00408	PASS
					VH	-1.14	-0.00161	PASS
			MCH	TN	VL	2.57	0.00362	PASS
					VN	-0.01	-0.00001	PASS
					VH	1.79	0.00252	PASS
			HCH	TN	VL	1.69	0.00238	PASS
					VN	-0.07	-0.0001	PASS
					VH	2.99	0.00421	PASS

8.3.2 Frequency Error vs. Temperature::

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	8.7	0.00509	PASS
					-20	11.43	0.00668	PASS
					-10	9.84	0.00575	PASS
					0	7.18	0.0042	PASS
					10	12.72	0.00744	PASS
					20	7.12	0.00416	PASS
					30	10.51	0.00614	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	8.81	0.00515	PASS
					50	7.81	0.00457	PASS
			MCH	VN	-30	7.27	0.0042	PASS
					-20	13.62	0.00786	PASS
					-10	10.29	0.00594	PASS
					0	8.31	0.0048	PASS
					10	9.3	0.00537	PASS
					20	5.45	0.00315	PASS
					30	8.8	0.00508	PASS
					40	8.68	0.00501	PASS
					50	10.4	0.006	PASS
			HCH	VN	-30	6.72	0.00383	PASS
					-20	9.43	0.00538	PASS
					-10	7.18	0.00409	PASS
					0	10.19	0.00581	PASS
					10	5.18	0.00295	PASS
					20	5.78	0.00329	PASS
					30	8.1	0.00462	PASS
					40	8.55	0.00487	PASS
					50	7.64	0.00436	PASS
		3	LCH	VN	-30	1.62	0.00095	PASS
					-20	3.89	0.00227	PASS
					-10	4.81	0.00281	PASS
					0	5.65	0.0033	PASS
					10	4.33	0.00253	PASS
					20	2.39	0.0014	PASS
					30	2.65	0.00155	PASS
					40	3.19	0.00186	PASS
					50	5.66	0.00331	PASS
			MCH	VN	-30	2.56	0.00148	PASS
					-20	3.25	0.00188	PASS
					-10	4.39	0.00253	PASS
					0	3.71	0.00214	PASS
					10	6.17	0.00356	PASS
					20	2.7	0.00156	PASS
					30	4.06	0.00234	PASS
					40	4.58	0.00264	PASS
					50	3.68	0.00212	PASS
			HCH	VN	-30	6.09	0.00347	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	4.76	0.00271	PASS
					-10	5.72	0.00326	PASS
					0	0.83	0.00047	PASS
					10	2.06	0.00117	PASS
					20	5.92	0.00338	PASS
					30	4.79	0.00273	PASS
					40	7.3	0.00416	PASS
					50	4.96	0.00283	PASS
		5	LCH	VN	-30	5.14	0.003	PASS
					-20	3.89	0.00227	PASS
					-10	2.5	0.00146	PASS
					0	4.51	0.00263	PASS
					10	1.83	0.00107	PASS
					20	4.61	0.00269	PASS
					30	4.15	0.00242	PASS
					40	4.29	0.00251	PASS
					50	1.13	0.00066	PASS
			MCH	VN	-30	3.56	0.00205	PASS
					-20	1.3	0.00075	PASS
					-10	3	0.00173	PASS
					0	2.16	0.00125	PASS
					10	3.46	0.002	PASS
					20	3.96	0.00229	PASS
					30	1.73	0.001	PASS
					40	5.18	0.00299	PASS
					50	3.58	0.00207	PASS
			HCH	VN	-30	2.37	0.00135	PASS
					-20	-1.75	-0.001	PASS
					-10	0.47	0.00027	PASS
					0	1.97	0.00112	PASS
					10	-0.93	-0.00053	PASS
					20	0.59	0.00034	PASS
					30	2.13	0.00122	PASS
					40	3.28	0.00187	PASS
					50	-1.2	-0.00068	PASS
		10	LCH	VN	-30	2.03	0.00118	PASS
					-20	2.82	0.00164	PASS
					-10	0.27	0.00016	PASS
					0	-2.88	-0.00168	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	2.02	0.00118	PASS
					20	0.67	0.00039	PASS
					30	1.42	0.00083	PASS
					40	0.73	0.00043	PASS
					50	-0.79	-0.00046	PASS
			MCH	VN	-30	3.29	0.0019	PASS
					-20	-0.47	-0.00027	PASS
					-10	3.88	0.00224	PASS
					0	1.32	0.00076	PASS
					10	2.85	0.00165	PASS
					20	3.25	0.00188	PASS
					30	0.56	0.00032	PASS
					40	2.33	0.00134	PASS
					50	1.63	0.00094	PASS
			HCH	VN	-30	2.13	0.00122	PASS
					-20	3.63	0.00207	PASS
					-10	3.52	0.00201	PASS
					0	7.61	0.00435	PASS
					10	4.73	0.0027	PASS
					20	-0.51	-0.00029	PASS
					30	-0.67	-0.00038	PASS
					40	2.98	0.0017	PASS
					50	3.4	0.00194	PASS
		15	LCH	VN	-30	0.4	0.00023	PASS
					-20	2.25	0.00131	PASS
					-10	0.34	0.0002	PASS
					0	1.99	0.00116	PASS
					10	3.55	0.00207	PASS
					20	1.07	0.00062	PASS
					30	1.57	0.00091	PASS
					40	1.43	0.00083	PASS
					50	4.63	0.0027	PASS
			MCH	VN	-30	-0.76	-0.00044	PASS
					-20	0.73	0.00042	PASS
					-10	2.3	0.00133	PASS
					0	1.34	0.00077	PASS
					10	-1.23	-0.00071	PASS
					20	4.91	0.00283	PASS
					30	3.09	0.00178	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.29	0.00074	PASS
					50	1.97	0.00114	PASS
			HCH	VN	-30	-0.73	-0.00042	PASS
					-20	0.03	0.00002	PASS
					-10	0.8	0.00046	PASS
					0	2.25	0.00129	PASS
					10	1.52	0.00087	PASS
					20	-0.97	-0.00056	PASS
					30	2.42	0.00138	PASS
					40	2	0.00114	PASS
					50	1.13	0.00065	PASS
		20	LCH	VN	-30	-0.04	-0.00002	PASS
					-20	0.94	0.00055	PASS
					-10	-0.47	-0.00027	PASS
					0	0.59	0.00034	PASS
					10	0.9	0.00052	PASS
					20	0.34	0.00002	PASS
					30	1.12	0.00065	PASS
					40	1.19	0.00069	PASS
					50	1.04	0.00006	PASS
			MCH	VN	-30	0.56	0.00032	PASS
					-20	2.9	0.00167	PASS
					-10	-0.74	-0.00043	PASS
					0	0.5	0.00029	PASS
					10	-0.83	-0.00048	PASS
					20	1.29	0.00074	PASS
					30	1.04	0.00006	PASS
					40	0.59	0.00034	PASS
					50	1.29	0.00074	PASS
			HCH	VN	-30	-2.57	-0.00147	PASS
					-20	-1.46	-0.00084	PASS
					-10	1.3	0.00074	PASS
					0	-0.8	-0.00046	PASS
					10	0.23	0.00013	PASS
					20	-1.02	-0.00058	PASS
					30	-0.24	-0.00014	PASS
					40	-1.07	-0.00061	PASS
					50	-0.34	-0.00019	PASS
	LTE/TM2	1.4	LCH	VN	-30	5.19	0.00303	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	11.72	0.00685	PASS
					-10	7.8	0.00456	PASS
					0	10.49	0.00613	PASS
					10	6.79	0.00397	PASS
					20	6.82	0.00399	PASS
					30	9.86	0.00576	PASS
					40	10.66	0.00623	PASS
					50	5.98	0.0035	PASS
			MCH	VN	-30	8.04	0.00464	PASS
					-20	12.29	0.00709	PASS
					-10	8.41	0.00485	PASS
					0	13.35	0.00771	PASS
					10	10.04	0.0058	PASS
					20	9.37	0.00541	PASS
					30	8.4	0.00485	PASS
					40	10.7	0.00618	PASS
					50	8.6	0.00496	PASS
			HCH	VN	-30	13.56	0.00773	PASS
					-20	8.37	0.00477	PASS
					-10	15.15	0.00864	PASS
					0	9.24	0.00527	PASS
					10	10.56	0.00602	PASS
					20	11.63	0.00663	PASS
					30	11.94	0.00681	PASS
					40	10.66	0.00608	PASS
					50	10.16	0.00579	PASS
		3	LCH	VN	-30	3.96	0.00231	PASS
					-20	5.88	0.00344	PASS
					-10	3.58	0.00209	PASS
					0	3.05	0.00178	PASS
					10	4.05	0.00237	PASS
					20	2.19	0.00128	PASS
					30	4.51	0.00264	PASS
					40	2.05	0.0012	PASS
					50	4.13	0.00241	PASS
			MCH	VN	-30	3.08	0.00178	PASS
					-20	3.36	0.00194	PASS
					-10	4.29	0.00248	PASS
					0	3.38	0.00195	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	4.62	0.00267	PASS
					20	3.85	0.00222	PASS
					30	6.35	0.00367	PASS
					40	4.32	0.00249	PASS
					50	0.79	0.00046	PASS
			HCH	VN	-30	2.39	0.00136	PASS
					-20	3.49	0.00199	PASS
					-10	2.78	0.00159	PASS
					0	5.62	0.00321	PASS
					10	5.79	0.0033	PASS
					20	3.76	0.00214	PASS
					30	3.83	0.00218	PASS
					40	9.13	0.00521	PASS
					50	2.6	0.00148	PASS
		5	LCH	VN	-30	3.55	0.00207	PASS
					-20	1.97	0.00115	PASS
					-10	2.37	0.00138	PASS
					0	0.86	0.0005	PASS
					10	4.81	0.00281	PASS
					20	4.56	0.00266	PASS
					30	4.18	0.00244	PASS
					40	0.79	0.00046	PASS
					50	2.96	0.00173	PASS
			MCH	VN	-30	5.09	0.00294	PASS
					-20	-0.47	-0.00027	PASS
					-10	2.23	0.00129	PASS
					0	1.54	0.00089	PASS
					10	3.09	0.00178	PASS
					20	0	0	PASS
					30	4.56	0.00263	PASS
					40	-1.4	-0.00081	PASS
					50	3.48	0.00201	PASS
			HCH	VN	-30	1.89	0.00108	PASS
					-20	1.93	0.0011	PASS
					-10	2.3	0.00131	PASS
					0	1.59	0.00091	PASS
					10	0.73	0.00042	PASS
					20	3.02	0.00172	PASS
					30	2.5	0.00143	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.04	0.00059	PASS
					50	1.66	0.00095	PASS
		10	LCH	VN	-30	1.26	0.00073	PASS
					-20	1.72	0.001	PASS
					-10	-2.15	-0.00125	PASS
					0	-0.59	-0.00034	PASS
					10	3.82	0.00223	PASS
					20	3.56	0.00208	PASS
					30	-1.73	-0.00101	PASS
					40	1.47	0.00086	PASS
					50	1.04	0.00061	PASS
			MCH	VN	-30	1.13	0.00065	PASS
					-20	0.49	0.00028	PASS
					-10	2.86	0.00165	PASS
					0	1.8	0.00104	PASS
					10	1.49	0.00086	PASS
					20	1.24	0.00072	PASS
					30	-0.31	-0.00018	PASS
					40	0.63	0.00036	PASS
					50	-0.04	-0.00002	PASS
			HCH	VN	-30	0.07	0.00004	PASS
					-20	3.3	0.00189	PASS
					-10	2.35	0.00134	PASS
					0	1.73	0.00099	PASS
					10	-0.06	-0.00003	PASS
					20	1.92	0.0011	PASS
					30	2.93	0.00167	PASS
					40	2.52	0.00144	PASS
					50	3.06	0.00175	PASS
		15	LCH	VN	-30	-0.03	-0.00002	PASS
					-20	0.99	0.00058	PASS
					-10	1.92	0.00112	PASS
					0	-1.12	-0.00065	PASS
					10	1.26	0.00073	PASS
					20	2.98	0.00174	PASS
					30	-0.2	-0.00012	PASS
					40	-0.1	-0.00006	PASS
					50	0.04	0.00002	PASS
			MCH	VN	-30	2.56	0.00148	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.31	-0.00018	PASS
					-10	4.18	0.00241	PASS
					0	2	0.00115	PASS
					10	3.85	0.00222	PASS
					20	0.54	0.00031	PASS
					30	-0.03	-0.00002	PASS
					40	3.3	0.0019	PASS
					50	1.82	0.00105	PASS
			HCH	VN	-30	1.6	0.00092	PASS
					-20	-0.17	-0.0001	PASS
					-10	2.02	0.00116	PASS
					0	2.47	0.00141	PASS
					10	1.54	0.00088	PASS
					20	2.39	0.00137	PASS
					30	-1.49	-0.00085	PASS
					40	2.23	0.00128	PASS
					50	1.14	0.00065	PASS
		20	LCH	VN	-30	3.78	0.0022	PASS
					-20	0.69	0.0004	PASS
					-10	1.57	0.00091	PASS
					0	3.52	0.00205	PASS
					10	-1.37	-0.0008	PASS
					20	1.62	0.00094	PASS
					30	-1.5	-0.00087	PASS
					40	-1.75	-0.00102	PASS
					50	1.23	0.00072	PASS
			MCH	VN	-30	1.44	0.00083	PASS
					-20	3.15	0.00182	PASS
					-10	-0.74	-0.00043	PASS
					0	-0.16	-0.00009	PASS
					10	0.31	0.00018	PASS
					20	2.36	0.00136	PASS
					30	0.67	0.00039	PASS
					40	0.9	0.00052	PASS
					50	0.4	0.00023	PASS
			HCH	VN	-30	0.13	0.00007	PASS
					-20	-0.96	-0.00055	PASS
					-10	0.57	0.00033	PASS
					0	1.77	0.00101	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.62	0.00093	PASS
					20	0.06	0.00003	PASS
					30	-1.76	-0.00101	PASS
					40	-0.84	-0.00048	PASS
					50	-0.29	-0.00017	PASS
BAND7	LTE/TM1	5	LCH	VN	-30	1.46	0.00058	PASS
					-20	4.19	0.00167	PASS
					-10	0.53	0.00021	PASS
					0	7.01	0.0028	PASS
					10	3.3	0.00132	PASS
					20	5.32	0.00213	PASS
					30	7.28	0.00291	PASS
					40	4.82	0.00193	PASS
					50	7.48	0.00299	PASS
			MCH	VN	-30	4.39	0.00173	PASS
					-20	2.09	0.00082	PASS
					-10	4.12	0.00163	PASS
					0	-1.16	-0.00046	PASS
					10	1.23	0.00049	PASS
					20	2.65	0.00105	PASS
					30	0.66	0.00026	PASS
					40	5.24	0.00207	PASS
					50	5.59	0.00221	PASS
			HCH	VN	-30	1.13	0.00044	PASS
					-20	2	0.00078	PASS
					-10	4.58	0.00178	PASS
					0	2.75	0.00107	PASS
					10	-1.65	-0.00064	PASS
					20	-3	-0.00117	PASS
					30	1.86	0.00072	PASS
					40	3.91	0.00152	PASS
					50	0.87	0.00034	PASS
		10	LCH	VN	-30	-0.36	-0.00014	PASS
					-20	3.88	0.00155	PASS
					-10	-2.79	-0.00111	PASS
					0	0.51	0.0002	PASS
					10	1.82	0.00073	PASS
					20	6.61	0.00264	PASS
					30	4.31	0.00172	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	3.03	0.00121	PASS
					50	1.47	0.00059	PASS
			MCH	VN	-30	8.31	0.00328	PASS
					-20	2.22	0.00088	PASS
					-10	4.22	0.00166	PASS
					0	0.76	0.0003	PASS
					10	9.5	0.00375	PASS
					20	2.1	0.00083	PASS
					30	0.86	0.00034	PASS
					40	5.21	0.00206	PASS
					50	3.15	0.00124	PASS
			HCH	VN	-30	4.03	0.00157	PASS
					-20	3.09	0.0012	PASS
					-10	2.89	0.00113	PASS
					0	1.96	0.00076	PASS
					10	1.63	0.00064	PASS
					20	4.52	0.00176	PASS
					30	1.26	0.00049	PASS
					40	5.81	0.00227	PASS
					50	3.96	0.00154	PASS
		15	LCH	VN	-30	4.21	0.00168	PASS
					-20	-1.52	-0.00061	PASS
					-10	1.27	0.00051	PASS
					0	1.79	0.00071	PASS
					10	3.22	0.00128	PASS
					20	0.47	0.00019	PASS
					30	5.76	0.0023	PASS
					40	4.08	0.00163	PASS
					50	-2.27	-0.00091	PASS
			MCH	VN	-30	-0.14	-0.00006	PASS
					-20	0.54	0.00021	PASS
					-10	-0.4	-0.00016	PASS
					0	0.76	0.0003	PASS
					10	0.24	0.00009	PASS
					20	-2.26	-0.00089	PASS
					30	0.93	0.00037	PASS
					40	3.76	0.00148	PASS
					50	-1.33	-0.00052	PASS
			HCH	VN	-30	-2.78	-0.00108	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	2.03	0.00079	PASS
					-10	-0.47	-0.00018	PASS
					0	3.33	0.0013	PASS
					10	0.13	0.00005	PASS
					20	4.96	0.00194	PASS
					30	-1.43	-0.00056	PASS
					40	1.72	0.00067	PASS
					50	4.35	0.0017	PASS
		20	LCH	VN	-30	0.73	0.00029	PASS
					-20	2.55	0.00102	PASS
					-10	-1.23	-0.00049	PASS
					0	2.15	0.00086	PASS
					10	2.25	0.0009	PASS
					20	3.5	0.00139	PASS
					30	0.72	0.00029	PASS
					40	2.05	0.00082	PASS
					50	0.9	0.00036	PASS
			MCH	VN	-30	2.53	0.001	PASS
					-20	0.06	0.00002	PASS
					-10	1.92	0.00076	PASS
					0	-0.96	-0.00038	PASS
					10	1.97	0.00078	PASS
					20	3.65	0.00144	PASS
					30	0.2	0.00008	PASS
					40	-0.23	-0.00009	PASS
					50	-0.34	-0.00013	PASS
			HCH	VN	-30	1.04	0.00041	PASS
					-20	1.44	0.00056	PASS
					-10	1.86	0.00073	PASS
					0	2.29	0.00089	PASS
					10	0.82	0.00032	PASS
					20	-3.08	-0.0012	PASS
					30	0.06	0.00002	PASS
					40	-1.07	-0.00042	PASS
					50	0.96	0.00038	PASS
	LTE/TM2	5	LCH	VN	-30	6.94	0.00277	PASS
					-20	6.68	0.00267	PASS
					-10	7.35	0.00294	PASS
					0	2.13	0.00085	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-0.82	-0.00033	PASS
					20	7.77	0.0031	PASS
					30	4.36	0.00174	PASS
					40	4.94	0.00197	PASS
					50	5.16	0.00206	PASS
			MCH	VN	-30	6.69	0.00264	PASS
					-20	5.42	0.00214	PASS
					-10	3.1	0.00122	PASS
					0	2.98	0.00118	PASS
					10	7.58	0.00299	PASS
					20	4.42	0.00174	PASS
					30	-0.04	-0.00002	PASS
					40	2.1	0.00083	PASS
					50	4.16	0.00164	PASS
			HCH	VN	-30	3.63	0.00141	PASS
					-20	6.21	0.00242	PASS
					-10	5.99	0.00233	PASS
					0	7	0.00273	PASS
					10	2.05	0.0008	PASS
					20	4.39	0.00171	PASS
					30	3.58	0.00139	PASS
					40	2.29	0.00089	PASS
					50	3.06	0.00119	PASS
		10	LCH	VN	-30	1.87	0.00075	PASS
					-20	11.59	0.00463	PASS
					-10	0.51	0.0002	PASS
					0	2.22	0.00089	PASS
					10	-0.21	-0.00008	PASS
					20	1.24	0.0005	PASS
					30	2.89	0.00115	PASS
					40	1.76	0.0007	PASS
					50	-0.9	-0.00036	PASS
			MCH	VN	-30	0.9	0.00036	PASS
					-20	-0.6	-0.00024	PASS
					-10	0.33	0.00013	PASS
					0	2.9	0.00114	PASS
					10	0.76	0.0003	PASS
					20	1.97	0.00078	PASS
					30	2.66	0.00105	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.59	-0.00023	PASS
					50	6.07	0.00239	PASS
			HCH	VN	-30	3.36	0.00131	PASS
					-20	4.69	0.00183	PASS
					-10	2.65	0.00103	PASS
					0	-0.26	-0.0001	PASS
					10	-0.82	-0.00032	PASS
					20	5.38	0.0021	PASS
					30	0.79	0.00031	PASS
					40	-2.46	-0.00096	PASS
					50	2.79	0.00109	PASS
		15	LCH	VN	-30	0.69	0.00028	PASS
					-20	-0.3	-0.00012	PASS
					-10	1.14	0.00045	PASS
					0	3.5	0.0014	PASS
					10	4.05	0.00162	PASS
					20	-1	-0.0004	PASS
					30	-0.1	-0.00004	PASS
					40	-0.07	-0.00003	PASS
					50	1.66	0.00066	PASS
			MCH	VN	-30	2.03	0.0008	PASS
					-20	2.9	0.00114	PASS
					-10	1.16	0.00046	PASS
					0	3.5	0.00138	PASS
					10	1.2	0.00047	PASS
					20	0.7	0.00028	PASS
					30	1.23	0.00049	PASS
					40	4.71	0.00186	PASS
					50	5.54	0.00219	PASS
			HCH	VN	-30	1	0.00039	PASS
					-20	1.8	0.0007	PASS
					-10	3.26	0.00127	PASS
					0	-2.06	-0.0008	PASS
					10	0.39	0.00015	PASS
					20	0.27	0.00011	PASS
					30	3.79	0.00148	PASS
					40	0.5	0.0002	PASS
					50	1.3	0.00051	PASS
		20	LCH	VN	-30	0.16	0.00006	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.56	0.00062	PASS
					-10	0.21	0.00008	PASS
					0	2.13	0.00085	PASS
					10	-0.49	-0.0002	PASS
					20	2.03	0.00081	PASS
					30	2.49	0.00099	PASS
					40	1.69	0.00067	PASS
					50	3.26	0.0013	PASS
			MCH	VN	-30	1.46	0.00058	PASS
					-20	2.85	0.00112	PASS
					-10	0.87	0.00034	PASS
					0	3.98	0.00157	PASS
					10	2.55	0.00101	PASS
					20	0.3	0.00012	PASS
					30	2.15	0.00085	PASS
					40	0.06	0.00002	PASS
					50	0.26	0.00001	PASS
			HCH	VN	-30	2.92	0.00114	PASS
					-20	-1.62	-0.00063	PASS
					-10	1.23	0.00048	PASS
					0	4.48	0.00175	PASS
					10	2.53	0.00099	PASS
					20	1.42	0.00055	PASS
					30	0.89	0.00035	PASS
					40	2.19	0.00086	PASS
					50	0.54	0.00021	PASS
BAND17	LTE/TM1	5	LCH	VN	-30	3.79	0.00536	PASS
					-20	2.83	0.00401	PASS
					-10	5.94	0.00841	PASS
					0	3.52	0.00498	PASS
					10	2.53	0.00358	PASS
					20	6.78	0.0096	PASS
					30	2.93	0.00415	PASS
					40	5.51	0.0078	PASS
					50	4.31	0.0061	PASS
			MCH	VN	-30	10.87	0.01531	PASS
					-20	-1.19	-0.00168	PASS
					-10	3.93	0.00554	PASS
					0	6.59	0.00928	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.79	0.00252	PASS
					20	4.06	0.00572	PASS
					30	2.75	0.00387	PASS
					40	4.58	0.00645	PASS
					50	6.75	0.00951	PASS
			HCH	VN	-30	8.75	0.01226	PASS
					-20	8.21	0.01151	PASS
					-10	5.06	0.00709	PASS
					0	7.05	0.00988	PASS
					10	4.46	0.00625	PASS
					20	7.17	0.01005	PASS
					30	4.94	0.00692	PASS
					40	0.43	0.0006	PASS
					50	2.55	0.00357	PASS
		10	LCH	VN	-30	1.92	0.00271	PASS
					-20	0.47	0.00066	PASS
					-10	-0.09	-0.00013	PASS
					0	0.73	0.00103	PASS
					10	1.3	0.00183	PASS
					20	1.24	0.00175	PASS
					30	-0.01	-0.00001	PASS
					40	-0.96	-0.00135	PASS
					50	2.5	0.00353	PASS
			MCH	VN	-30	-0.53	-0.00075	PASS
					-20	2.8	0.00394	PASS
					-10	2.15	0.00303	PASS
					0	2.39	0.00337	PASS
					10	0.43	0.00061	PASS
					20	0.66	0.00093	PASS
					30	3.99	0.00562	PASS
					40	2.26	0.00318	PASS
					50	0.34	0.00048	PASS
			HCH	VN	-30	0.49	0.00069	PASS
					-20	0.2	0.00028	PASS
					-10	-0.2	-0.00028	PASS
					0	-0.2	-0.00028	PASS
					10	-0.33	-0.00046	PASS
					20	2.2	0.00309	PASS
					30	-0.14	-0.0002	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5			40	1.9	0.00267	PASS
					50	3.19	0.00449	PASS
			LCH	VN	-30	4.28	0.00606	PASS
					-20	6.21	0.00879	PASS
					-10	4.86	0.00688	PASS
					0	10.39	0.01471	PASS
					10	1.37	0.00194	PASS
					20	6.18	0.00875	PASS
					30	3.53	0.005	PASS
					40	2.02	0.00286	PASS
					50	7.65	0.01083	PASS
			MCH	VN	-30	6.14	0.00865	PASS
					-20	5.61	0.0079	PASS
					-10	3.76	0.0053	PASS
					0	6.01	0.00846	PASS
					10	2.46	0.00346	PASS
					20	5.85	0.00824	PASS
					30	2.35	0.00331	PASS
					40	3.93	0.00554	PASS
					50	1.5	0.00211	PASS
			HCH	VN	-30	5.44	0.00762	PASS
					-20	5.48	0.00768	PASS
					-10	3.2	0.00448	PASS
					0	7.28	0.0102	PASS
					10	9.96	0.01396	PASS
					20	-2.78	-0.0039	PASS
					30	-2.2	-0.00308	PASS
					40	6.95	0.00974	PASS
					50	5.87	0.00823	PASS
		10	LCH	VN	-30	4.58	0.00646	PASS
					-20	-2.83	-0.00399	PASS
					-10	-0.56	-0.00079	PASS
					0	2.13	0.003	PASS
					10	1.04	0.00147	PASS
					20	-0.03	-0.00004	PASS
					30	0.04	0.00006	PASS
					40	3.16	0.00446	PASS
					50	2.7	0.00381	PASS
			MCH	VN	-30	1.87	0.00263	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.82	0.00256	PASS
					-10	-0.1	-0.00014	PASS
					0	-6.67	-0.00939	PASS
					10	-0.57	-0.0008	PASS
					20	0.11	0.00015	PASS
					30	1.8	0.00254	PASS
					40	2.26	0.00318	PASS
					50	0.23	0.00032	PASS
			HCH	VN	-30	-0.76	-0.00107	PASS
					-20	2.15	0.00302	PASS
					-10	0.36	0.00051	PASS
					0	2.06	0.0029	PASS
					10	1.04	0.00146	PASS
					20	2.98	0.00419	PASS
					30	0.4	0.00056	PASS
					40	1.67	0.00235	PASS
					50	-0.47	-0.00066	PASS

END