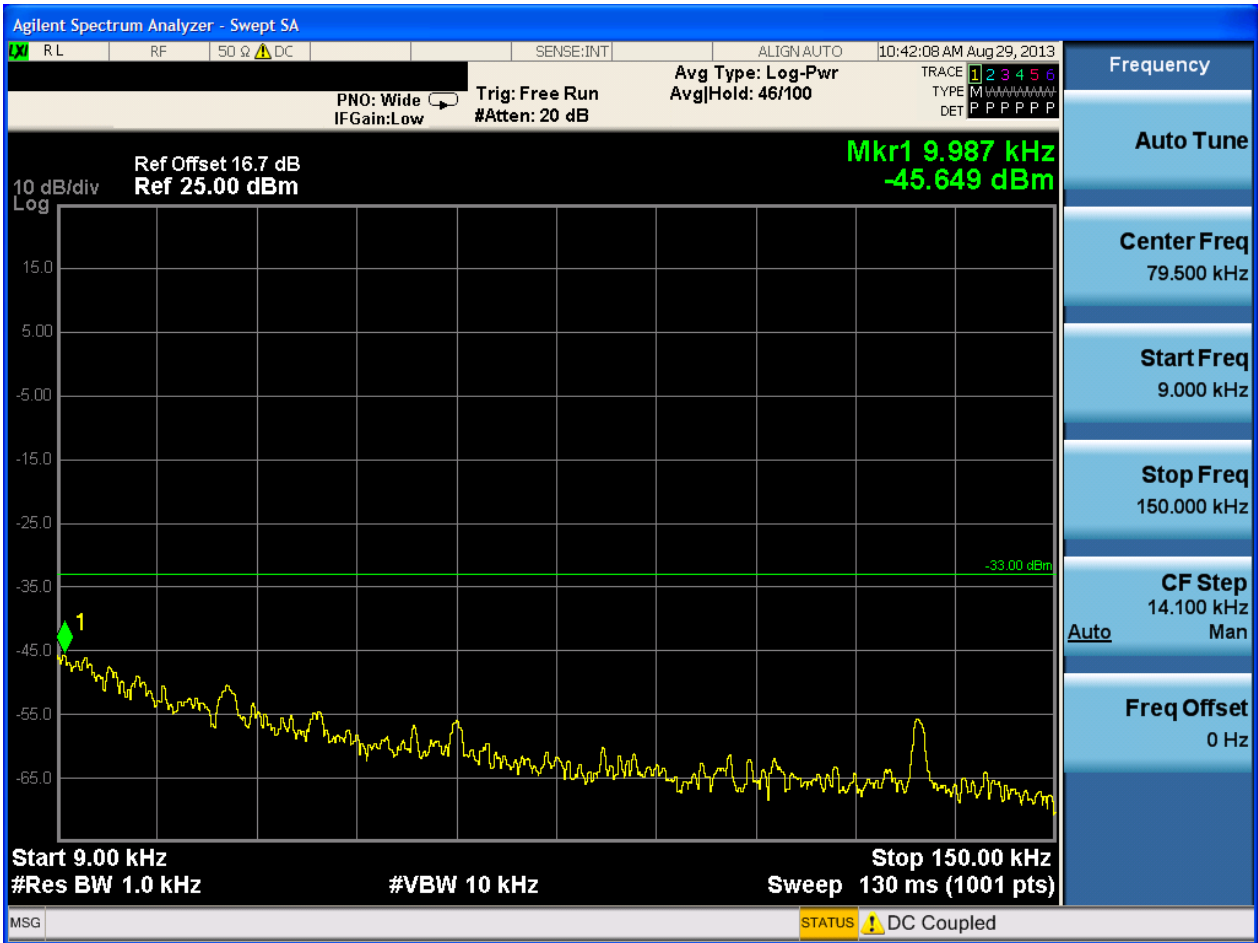
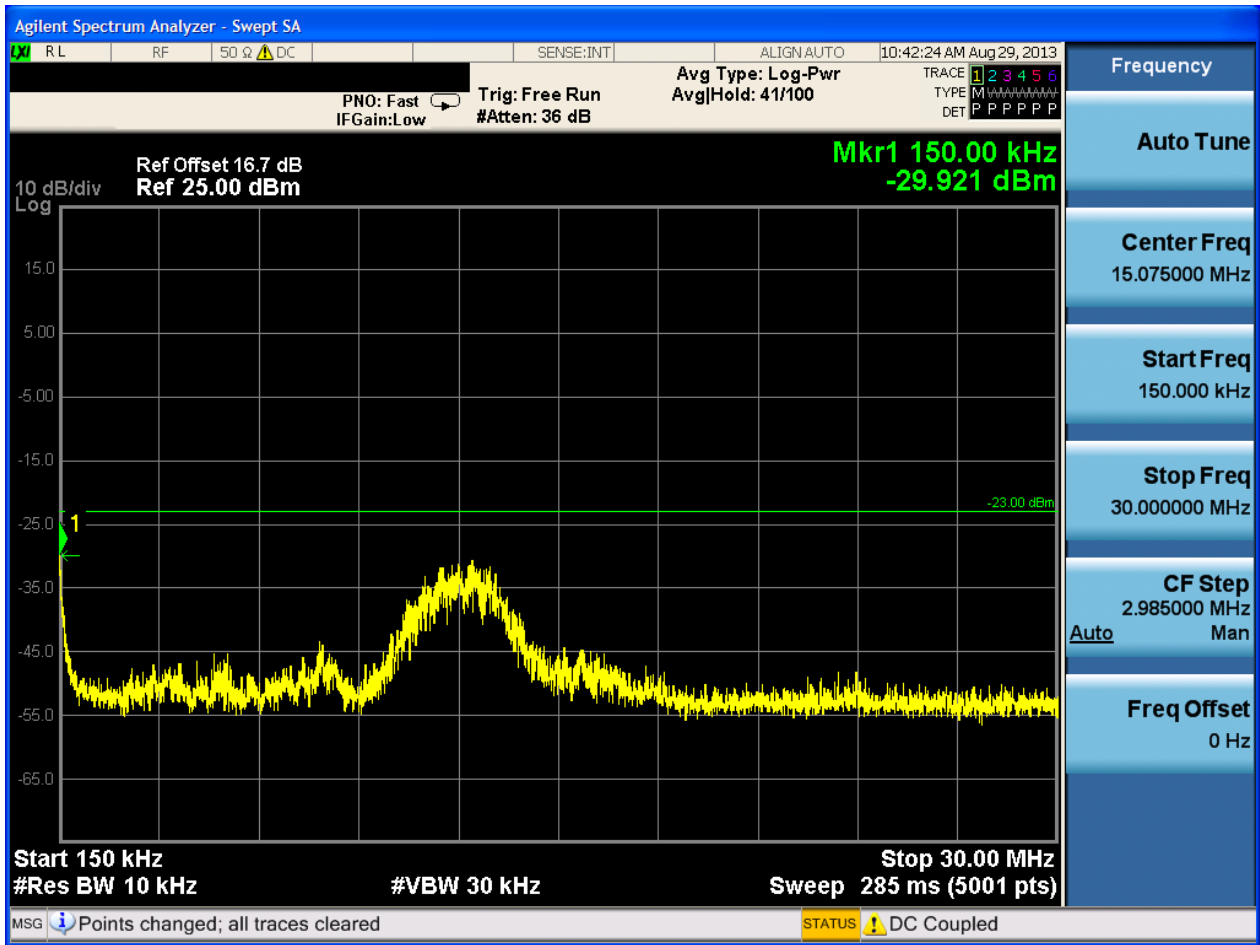
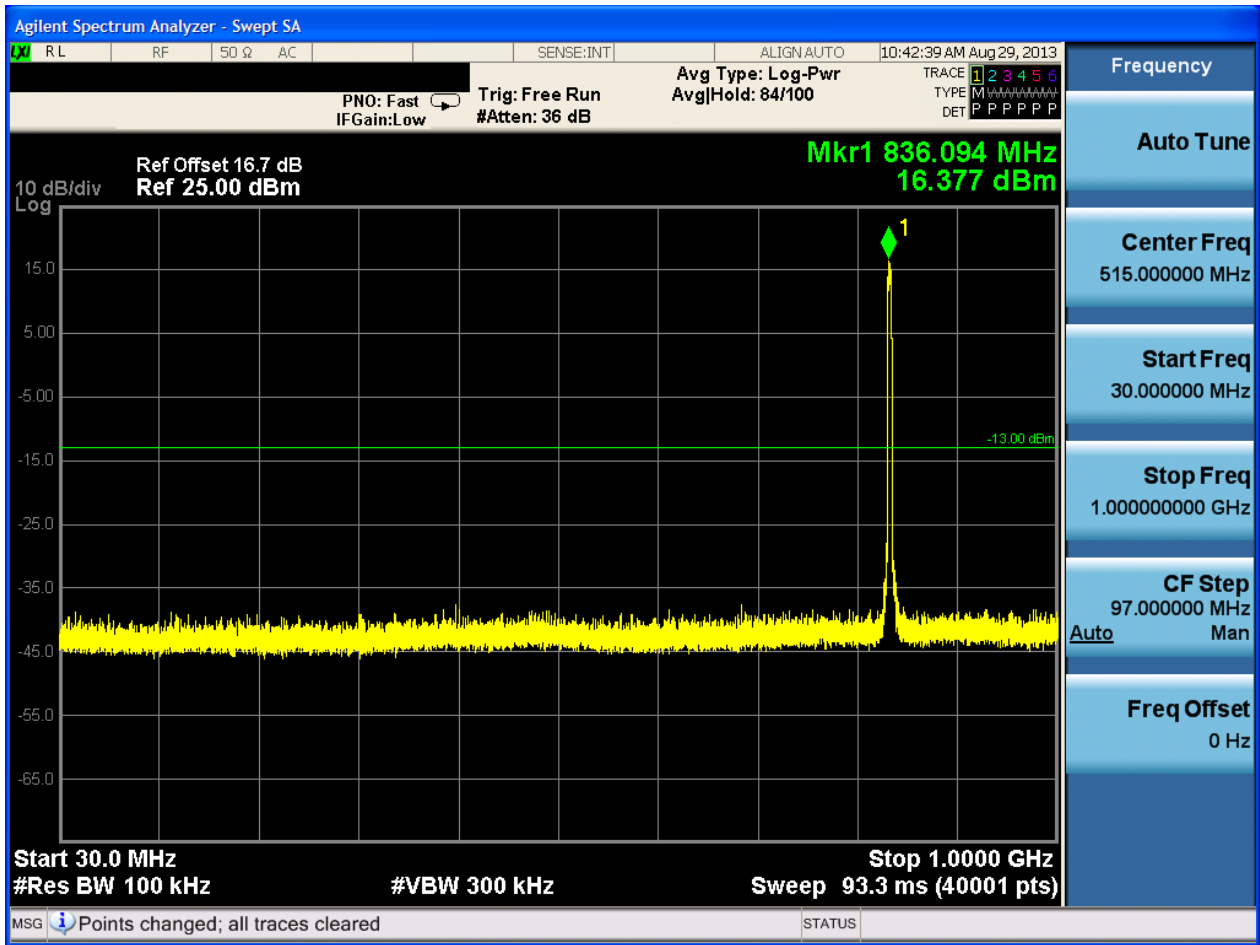


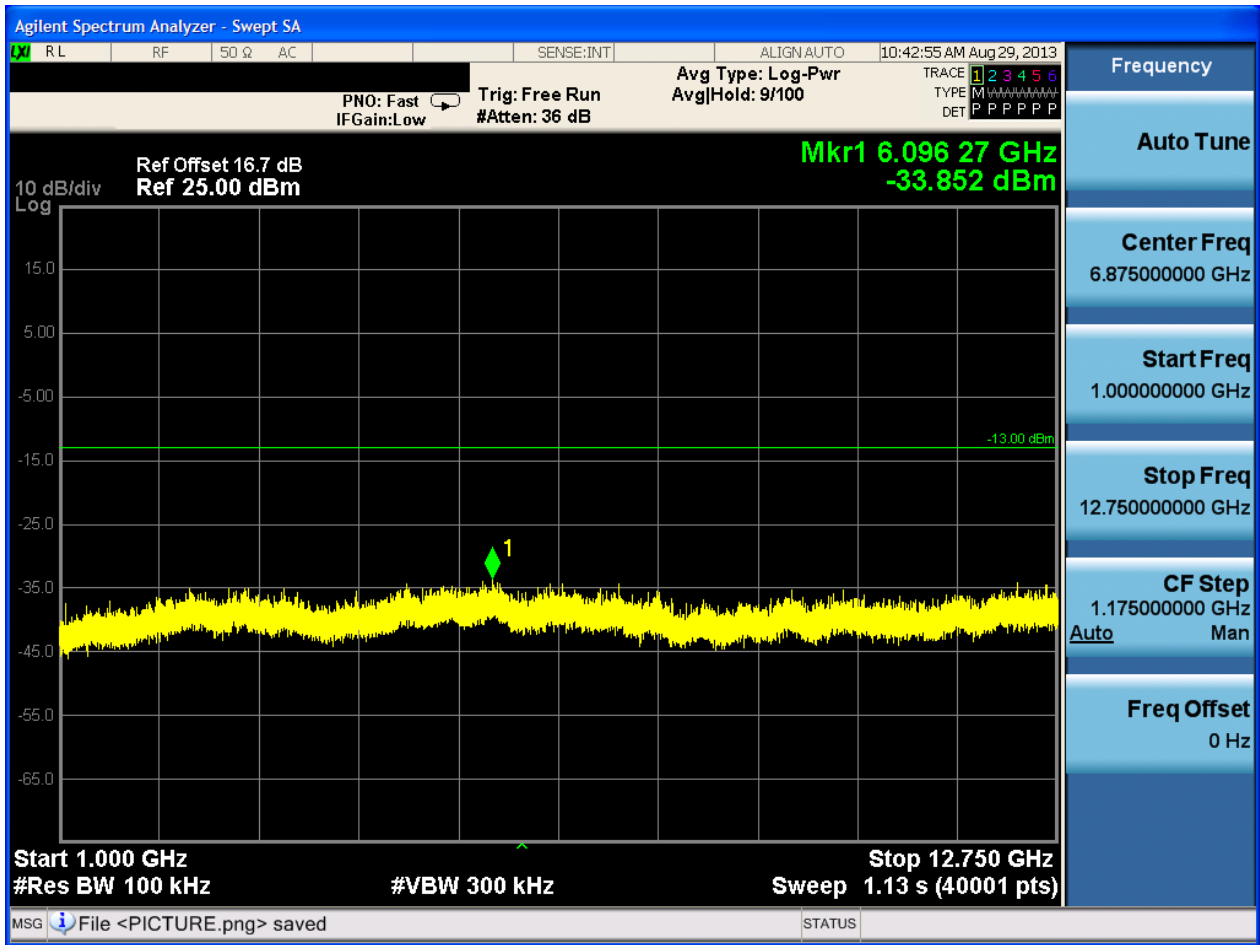


6.2.1.1.2 Test Channel = MCH



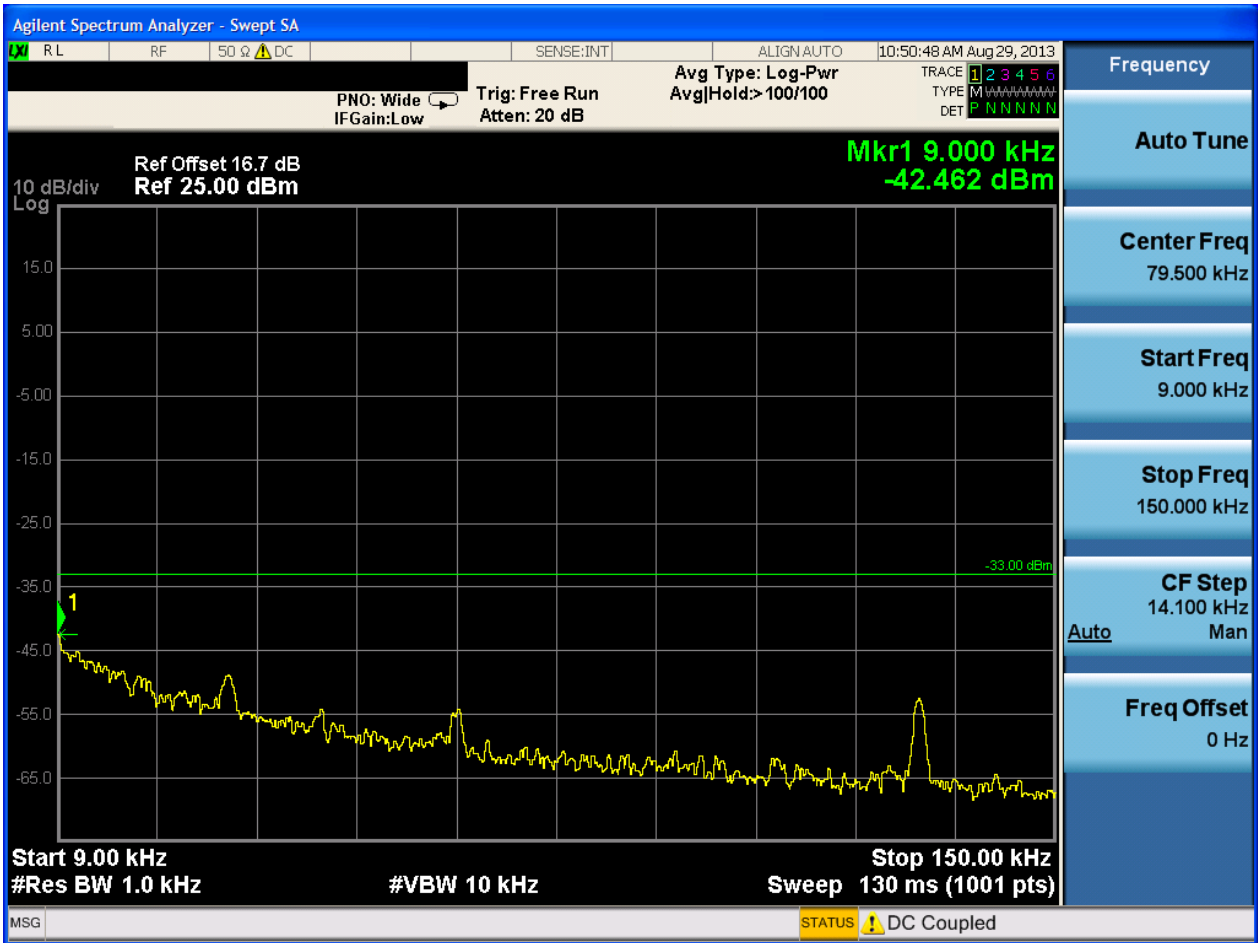


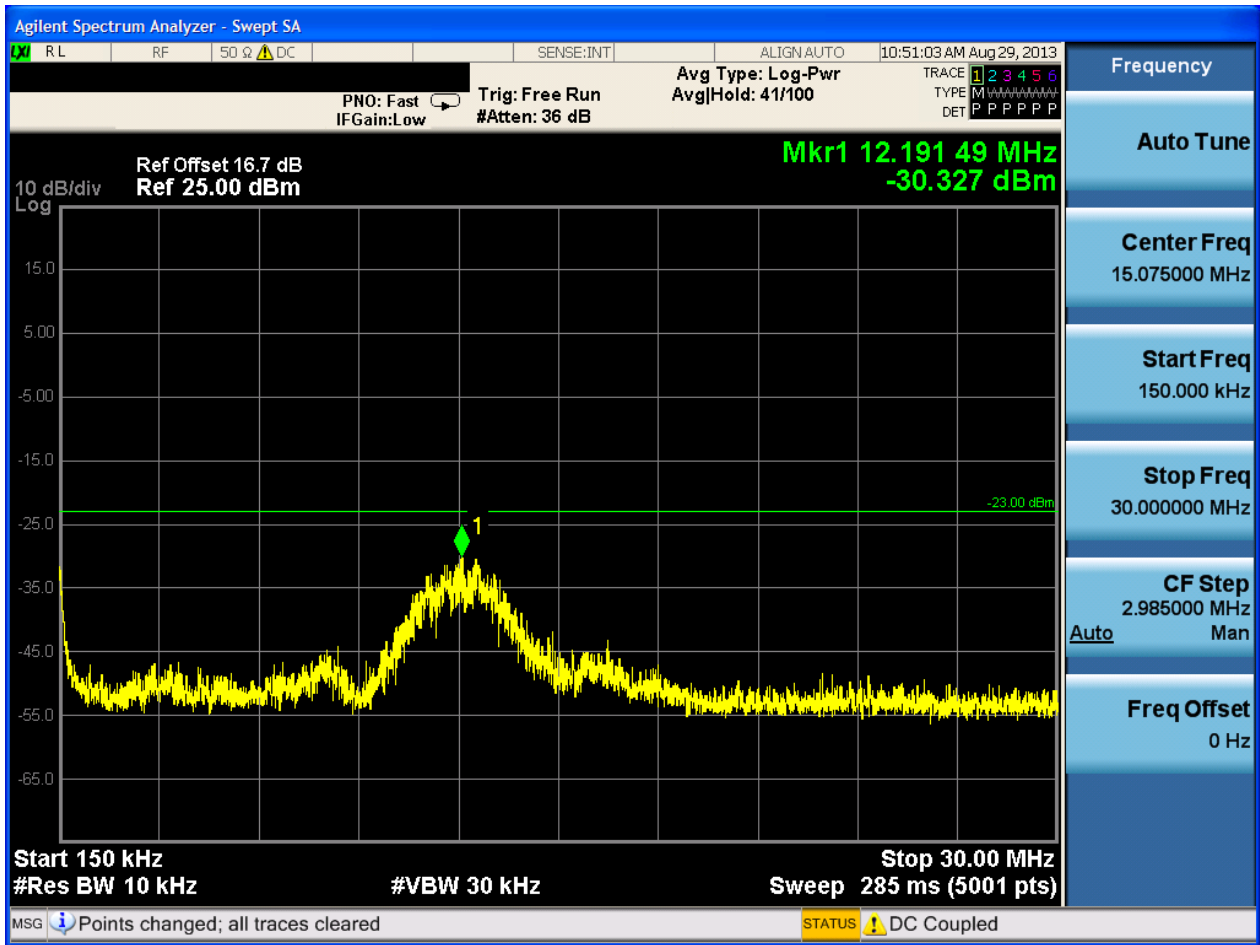


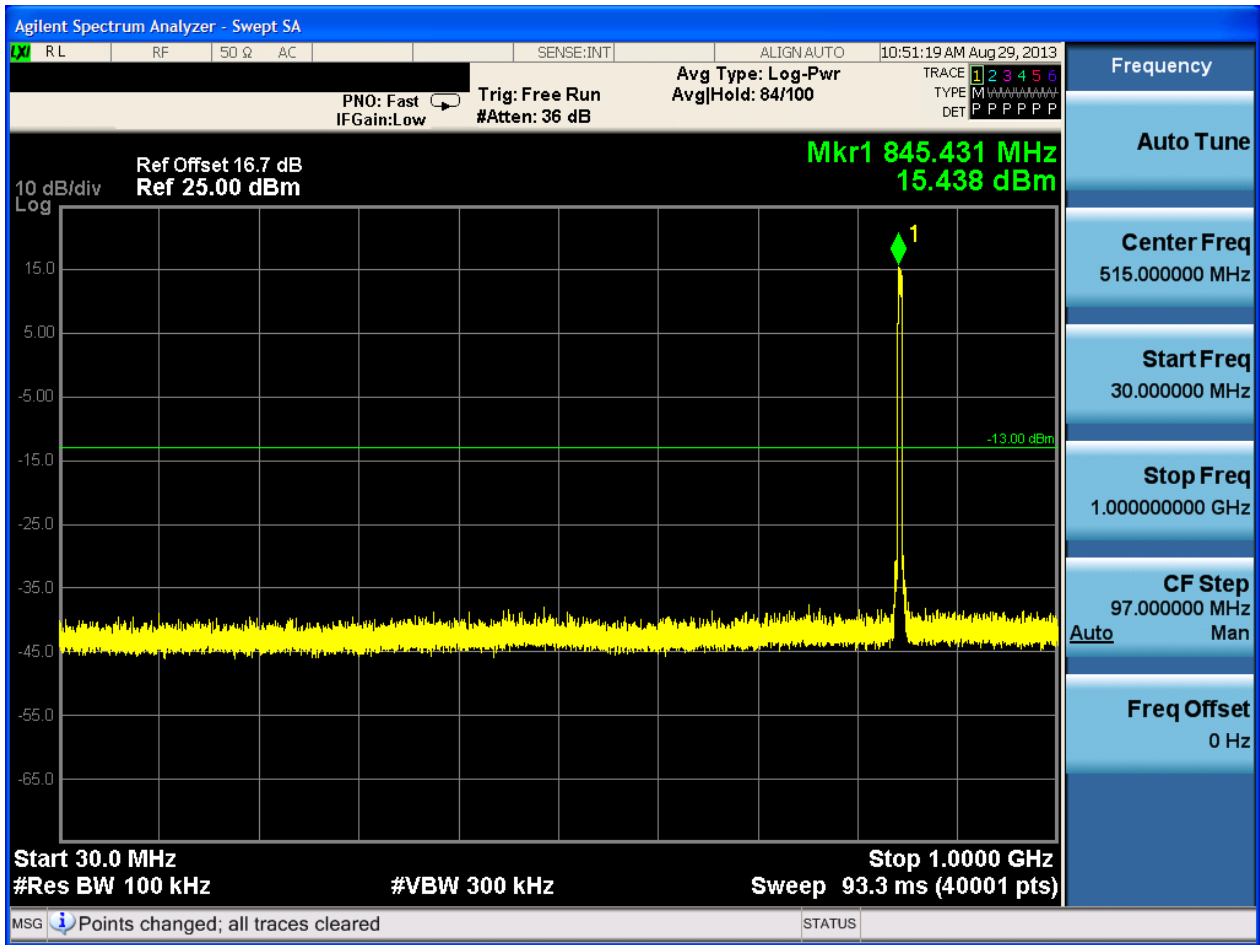


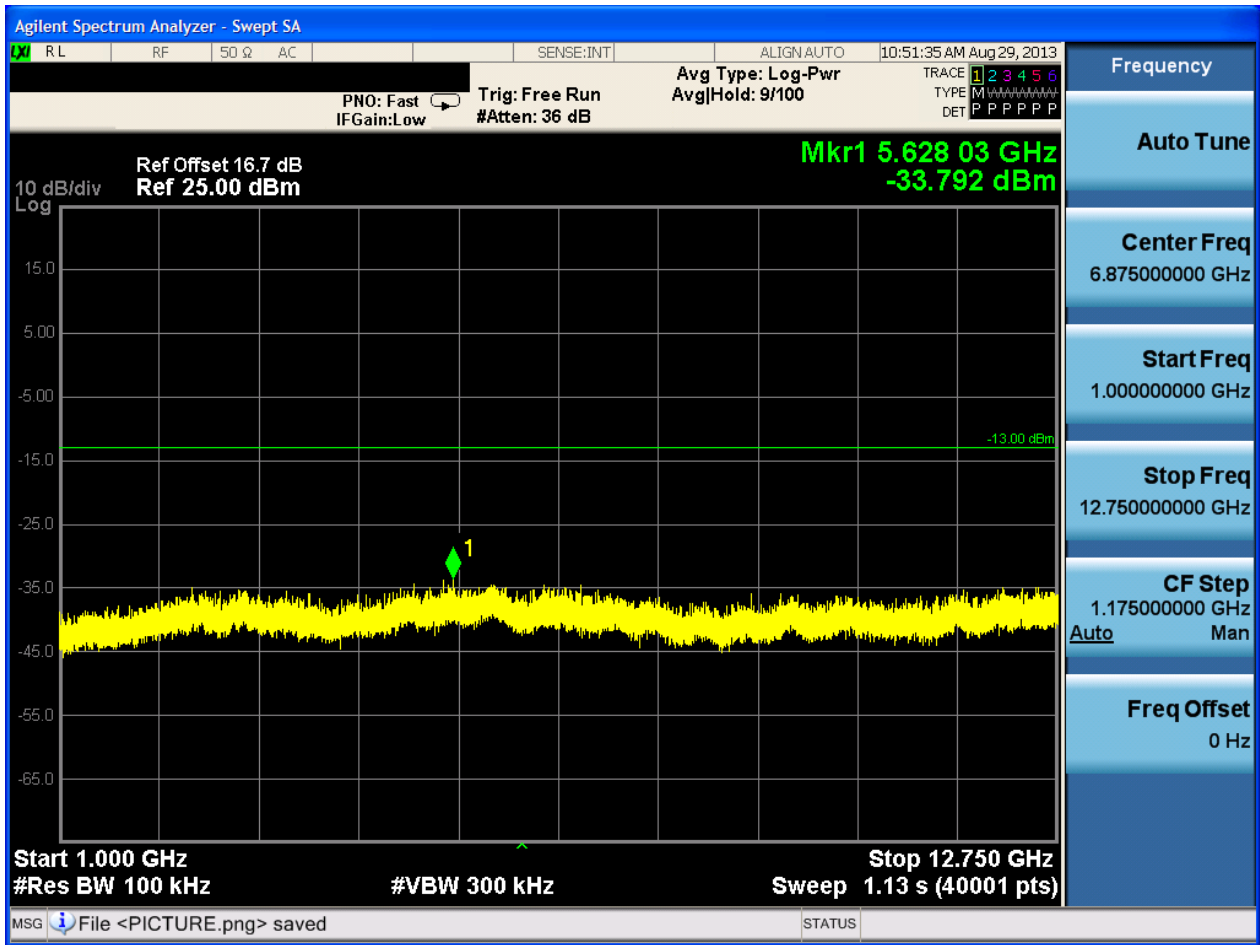


6.2.1.1.3 Test Channel = HCH







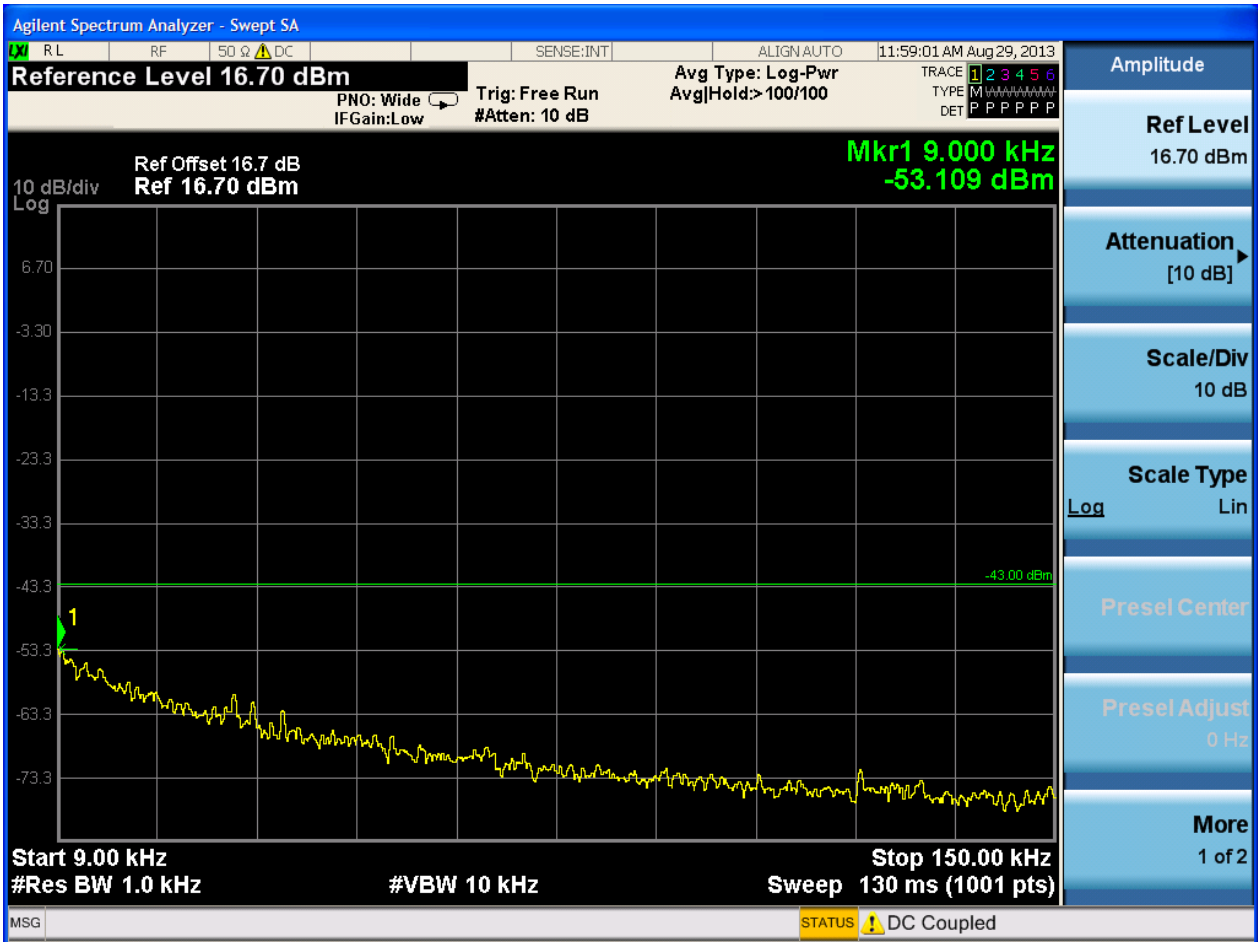


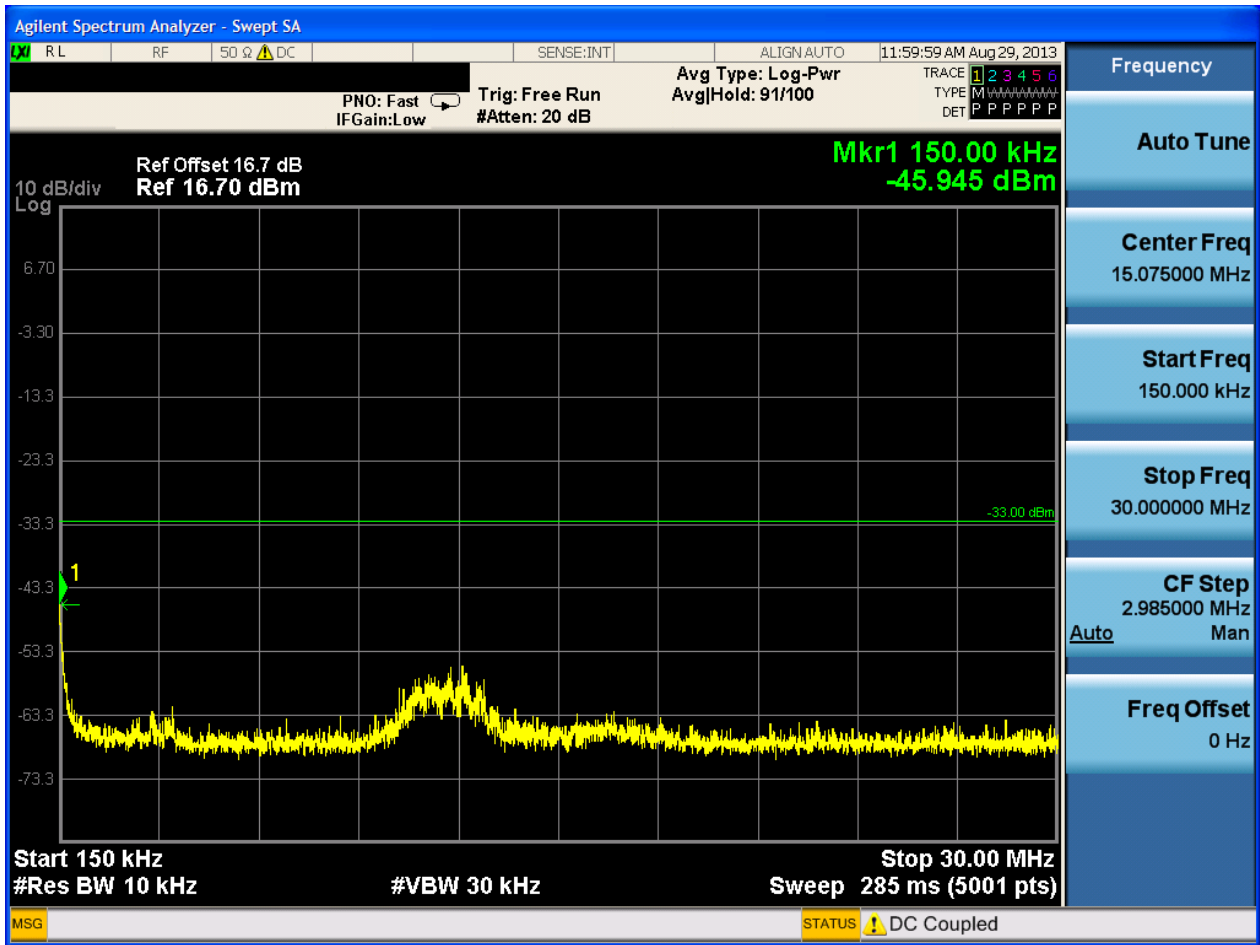


6.2.2 Test Band = WCDMA1900

6.2.2.1 Test Mode = UMTS/TM1

6.2.2.1.1 Test Channel = LCH

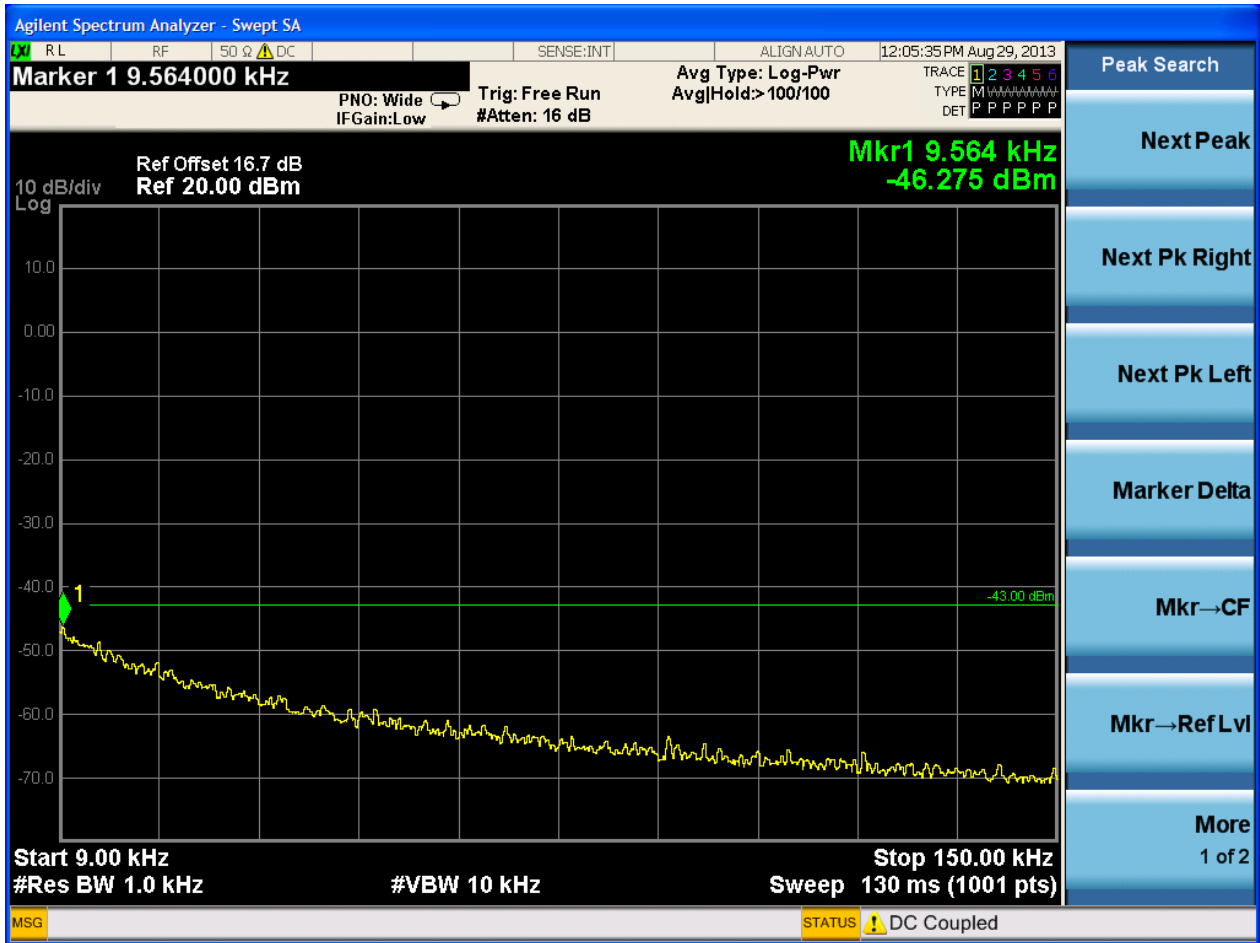


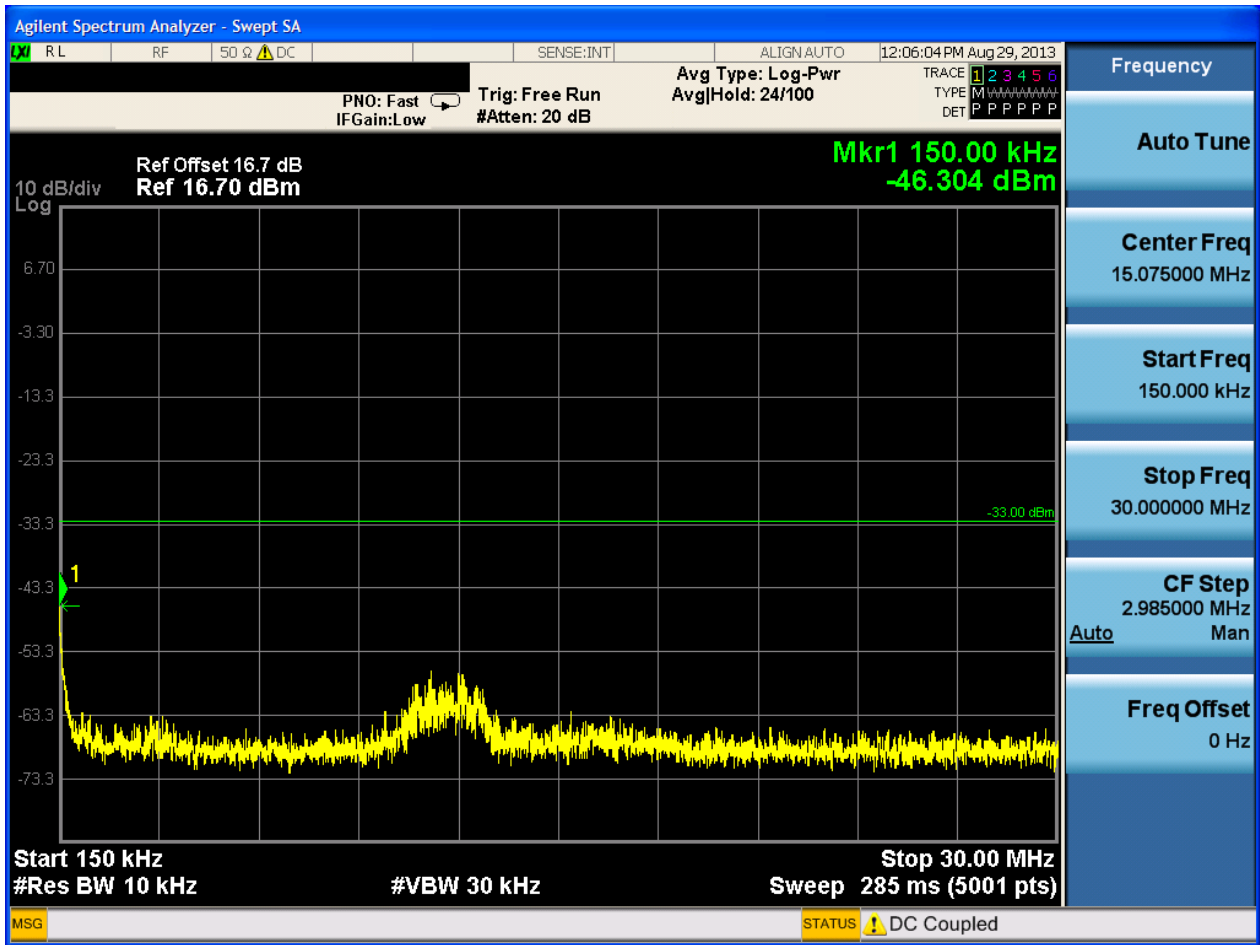


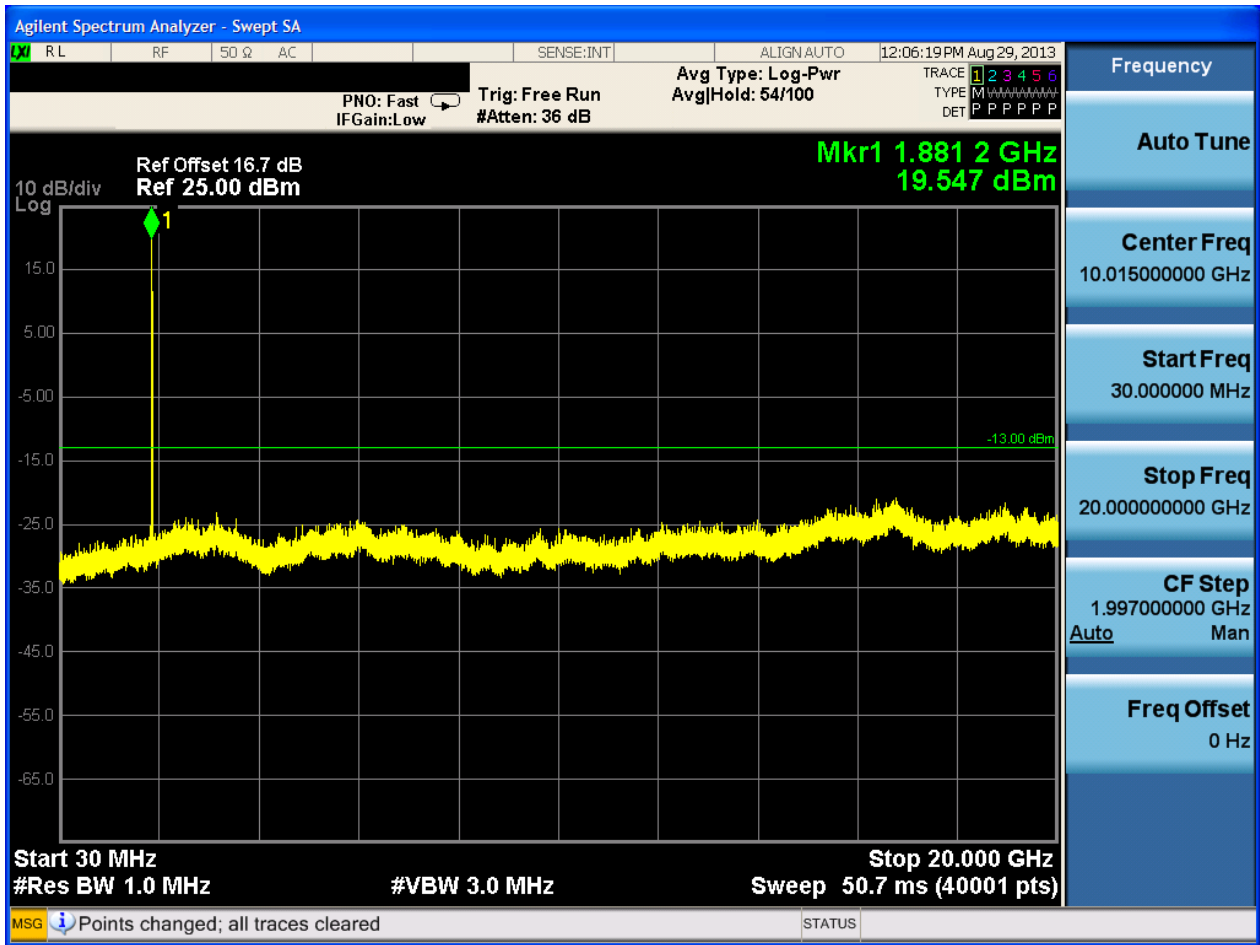




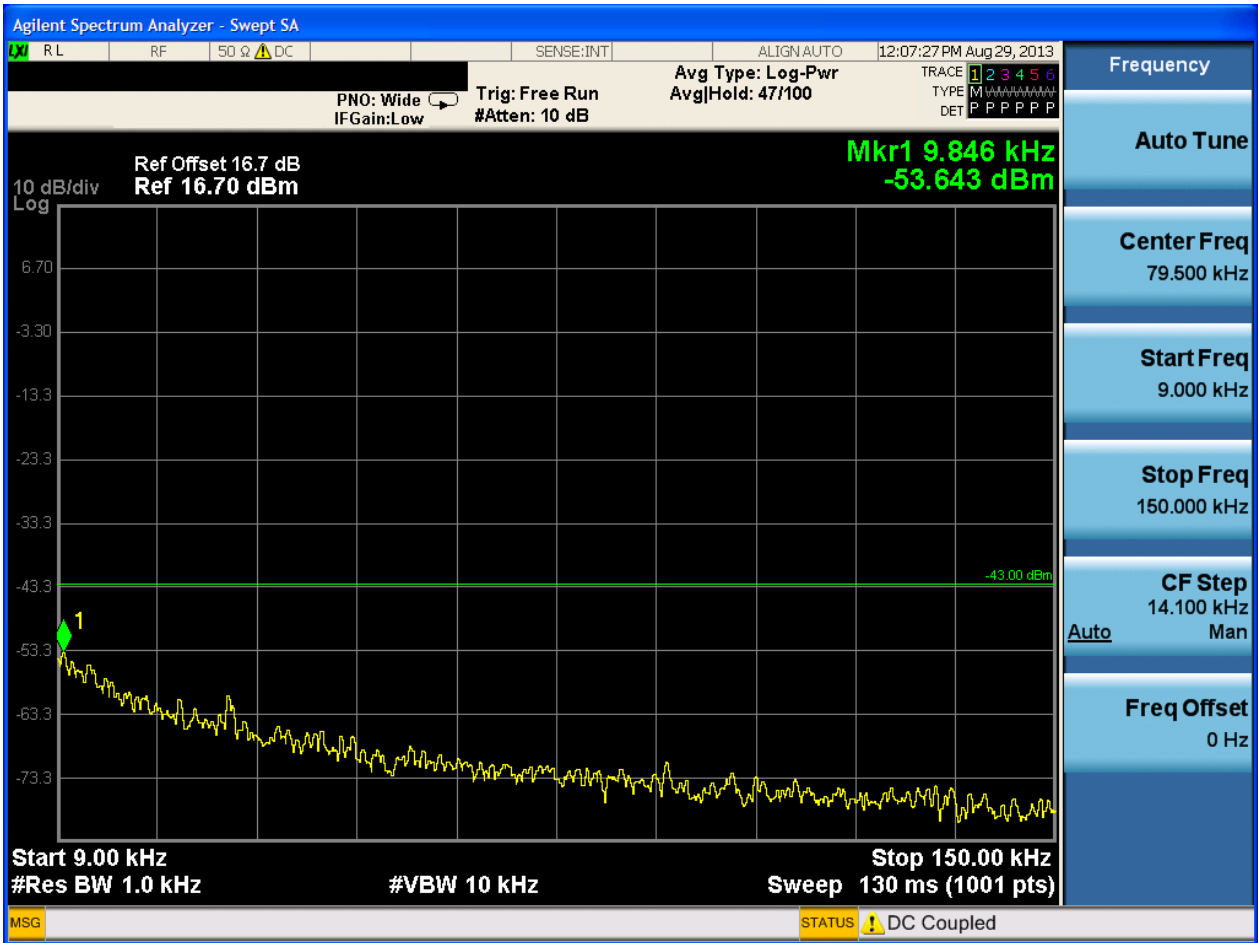
6.2.2.1.2 Test Channel = MCH

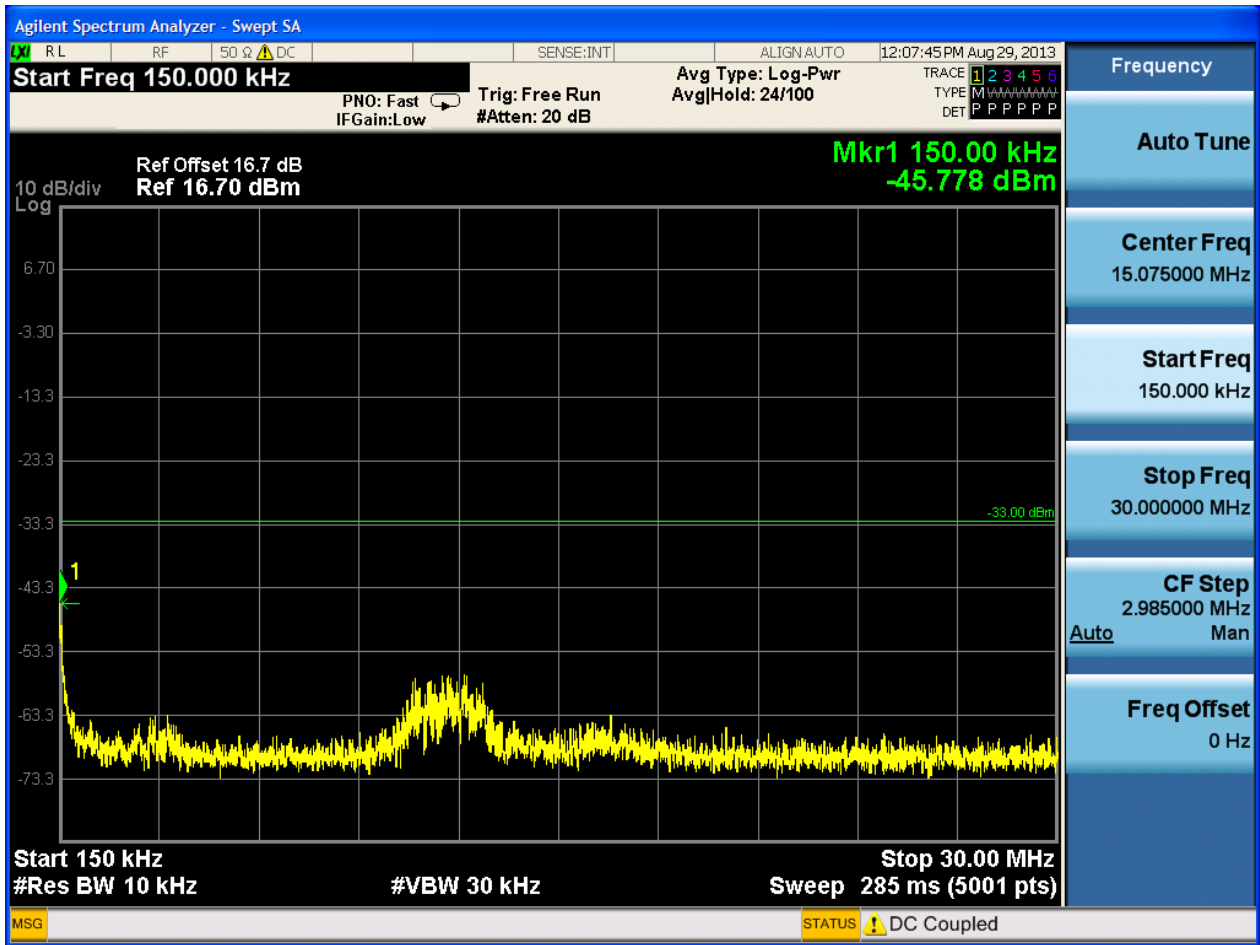


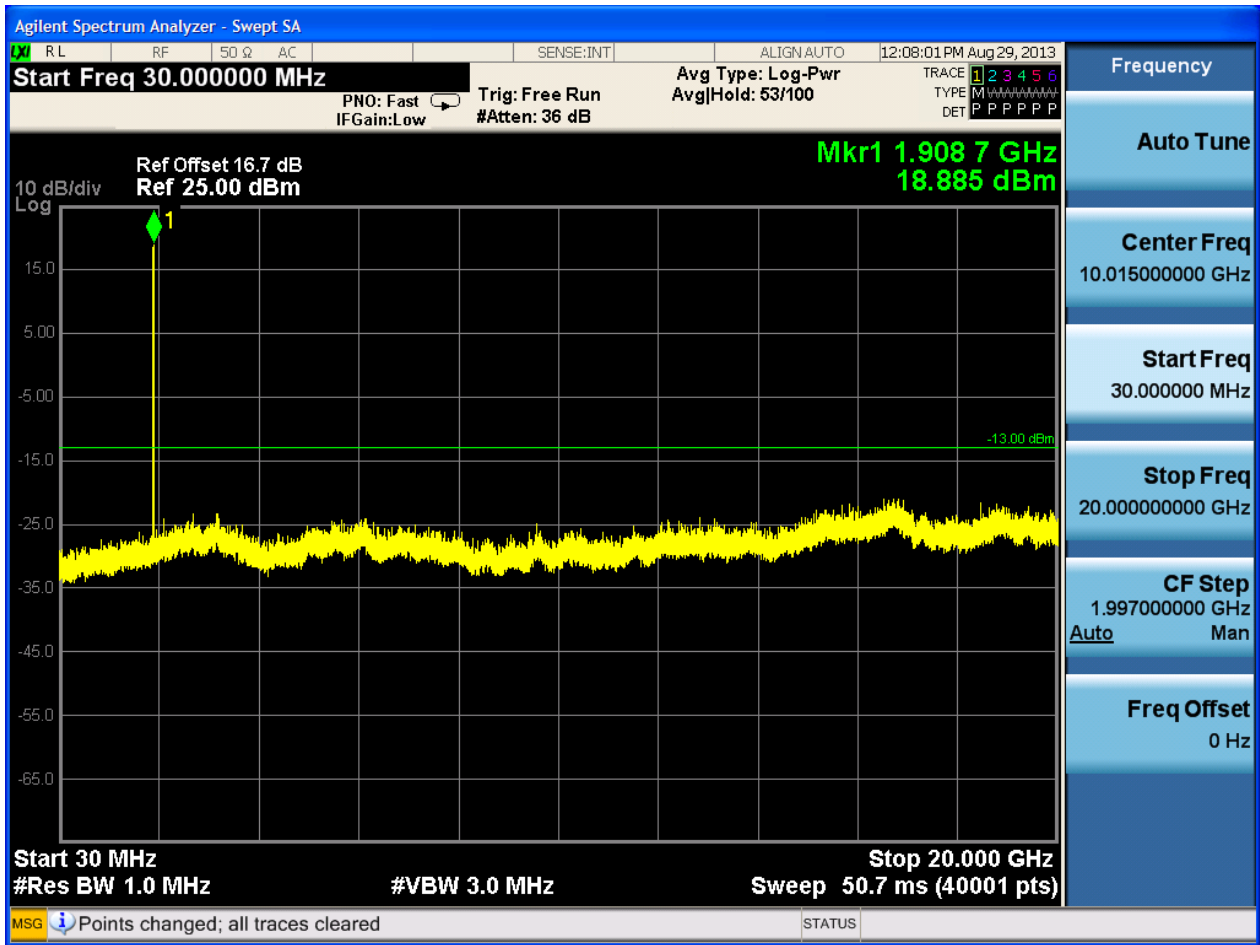




6.2.2.1.3 Test Channel = HCH







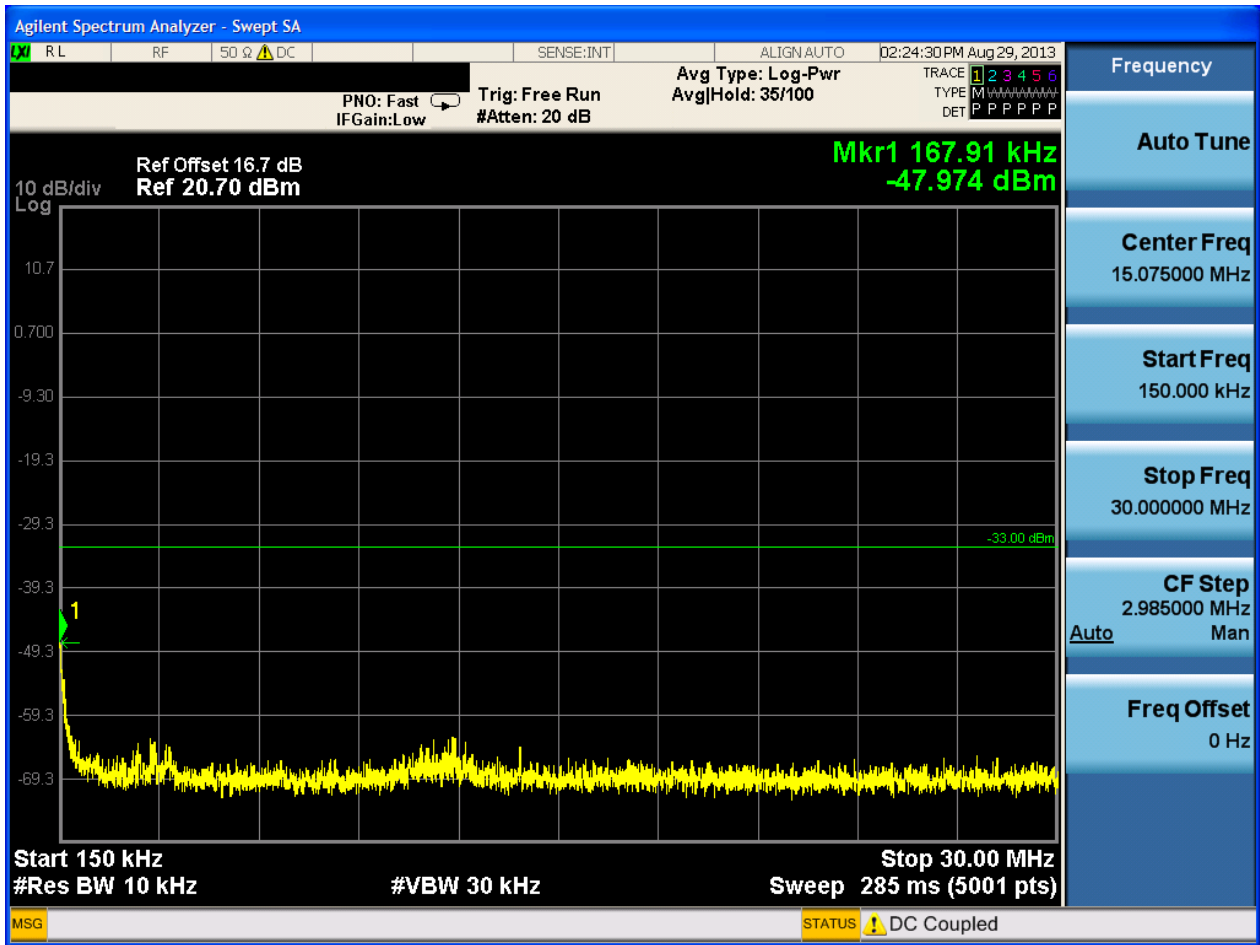


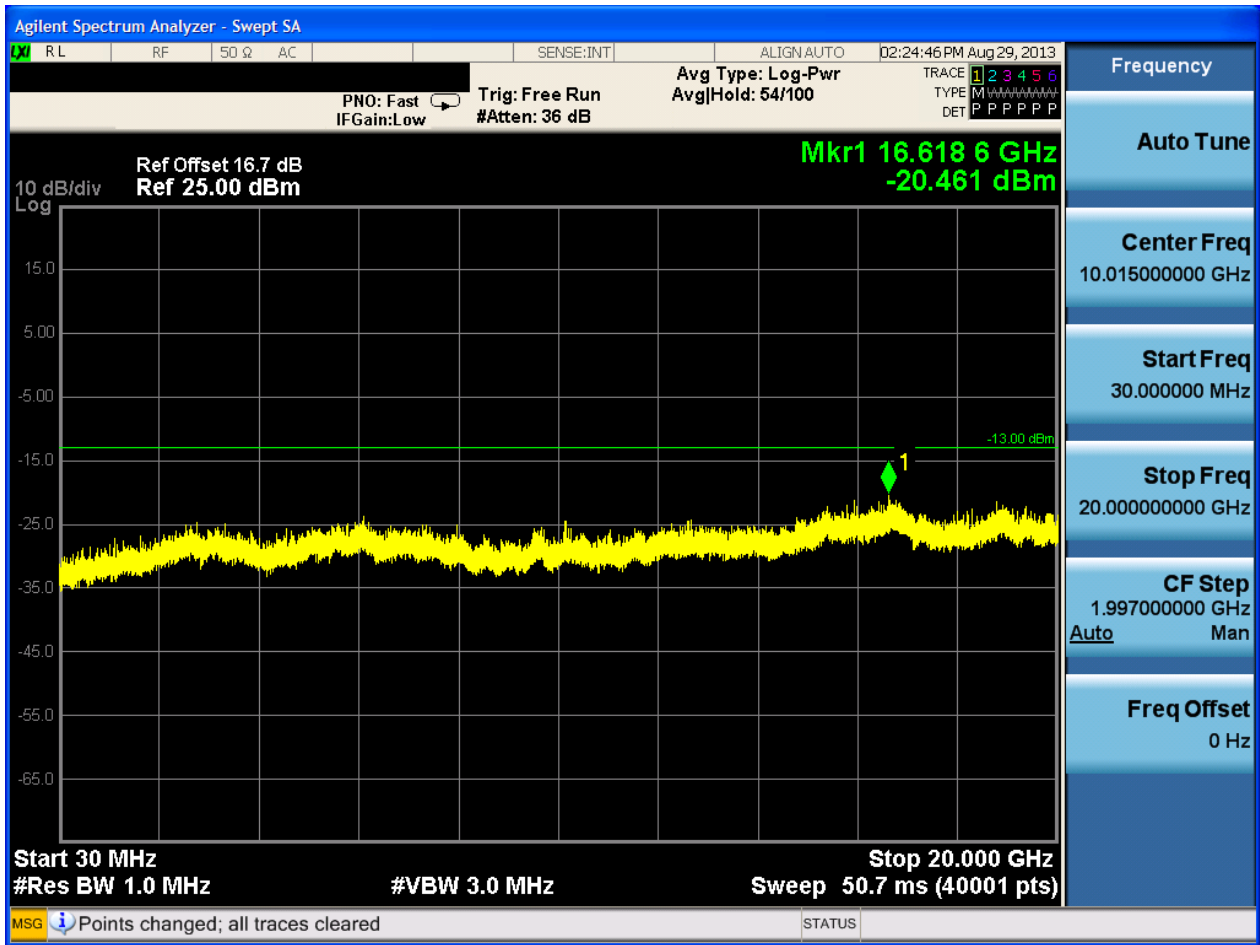
6.2.3 Test Band = WCDMA1700

6.2.3.1 Test Mode = UMTS/TM1

6.2.3.1.1 Test Channel = LCH

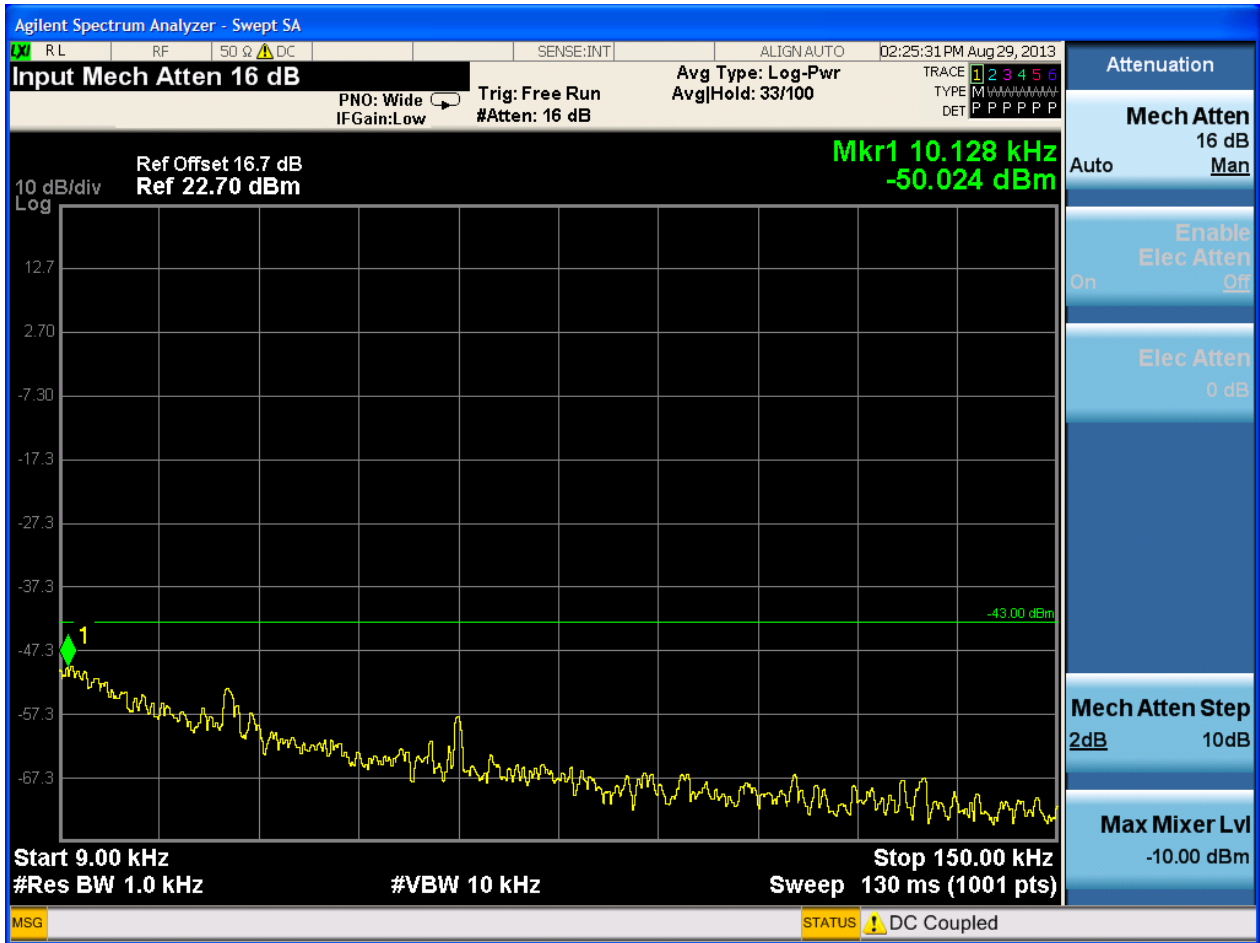


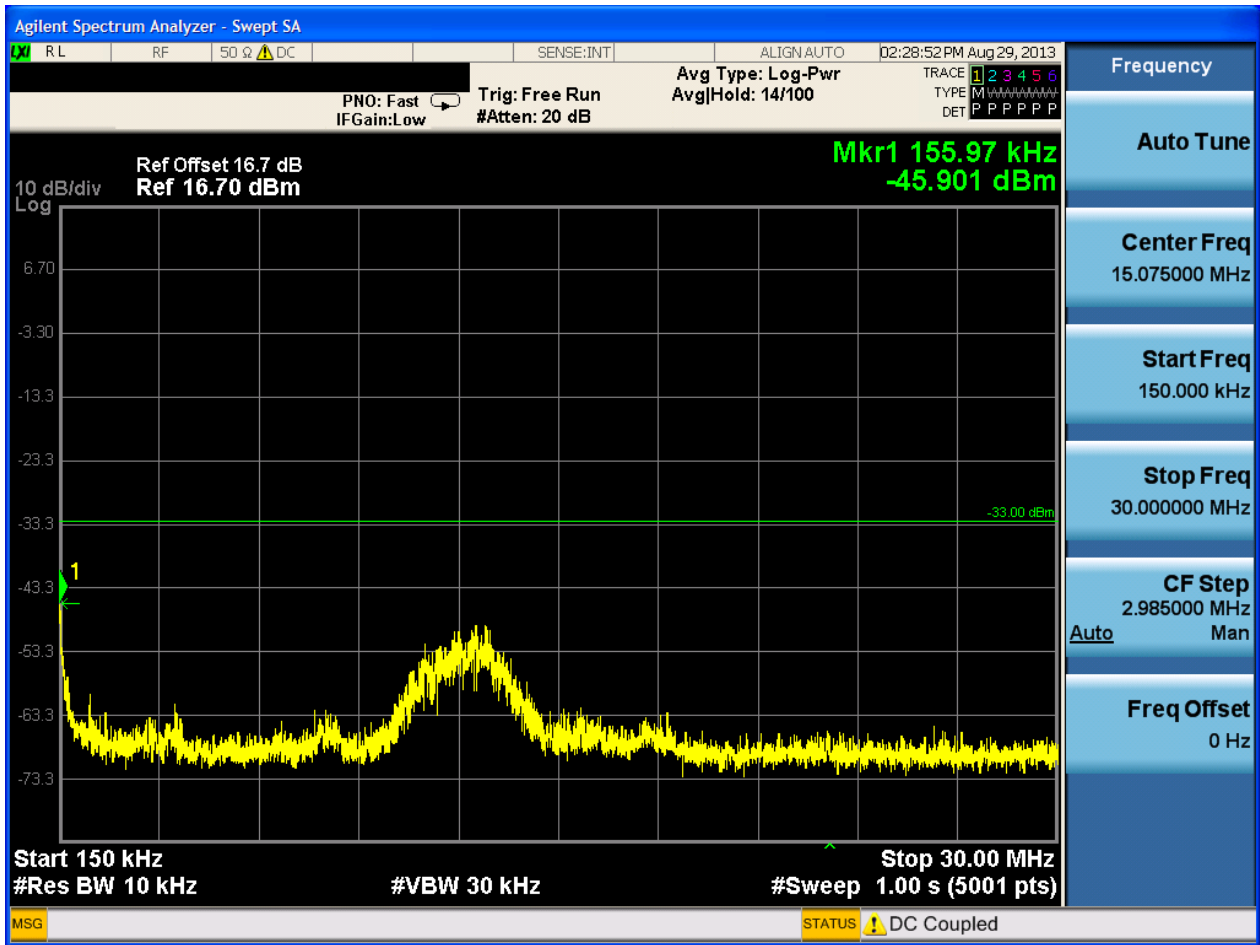


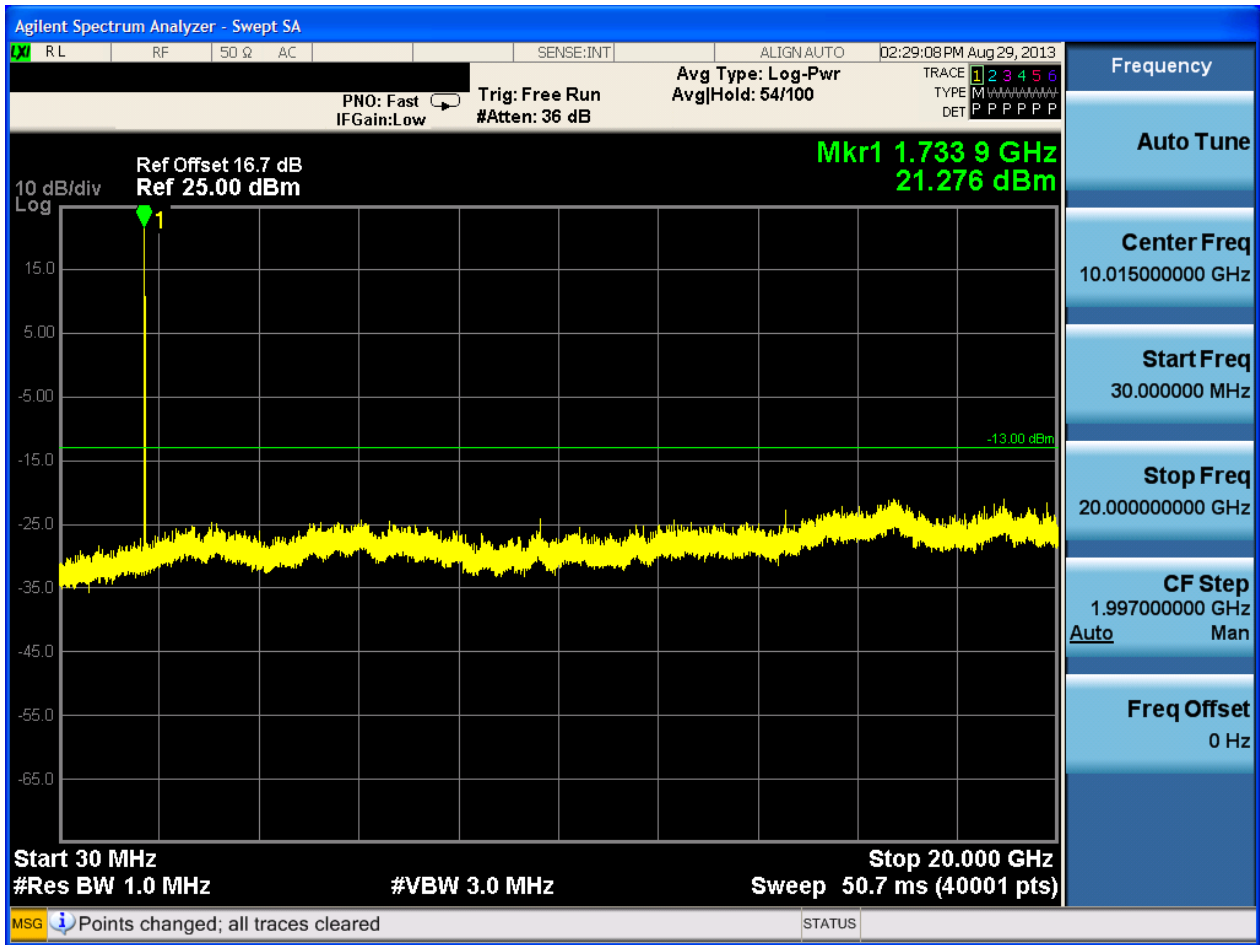




6.2.3.1.2 Test Channel = MCH

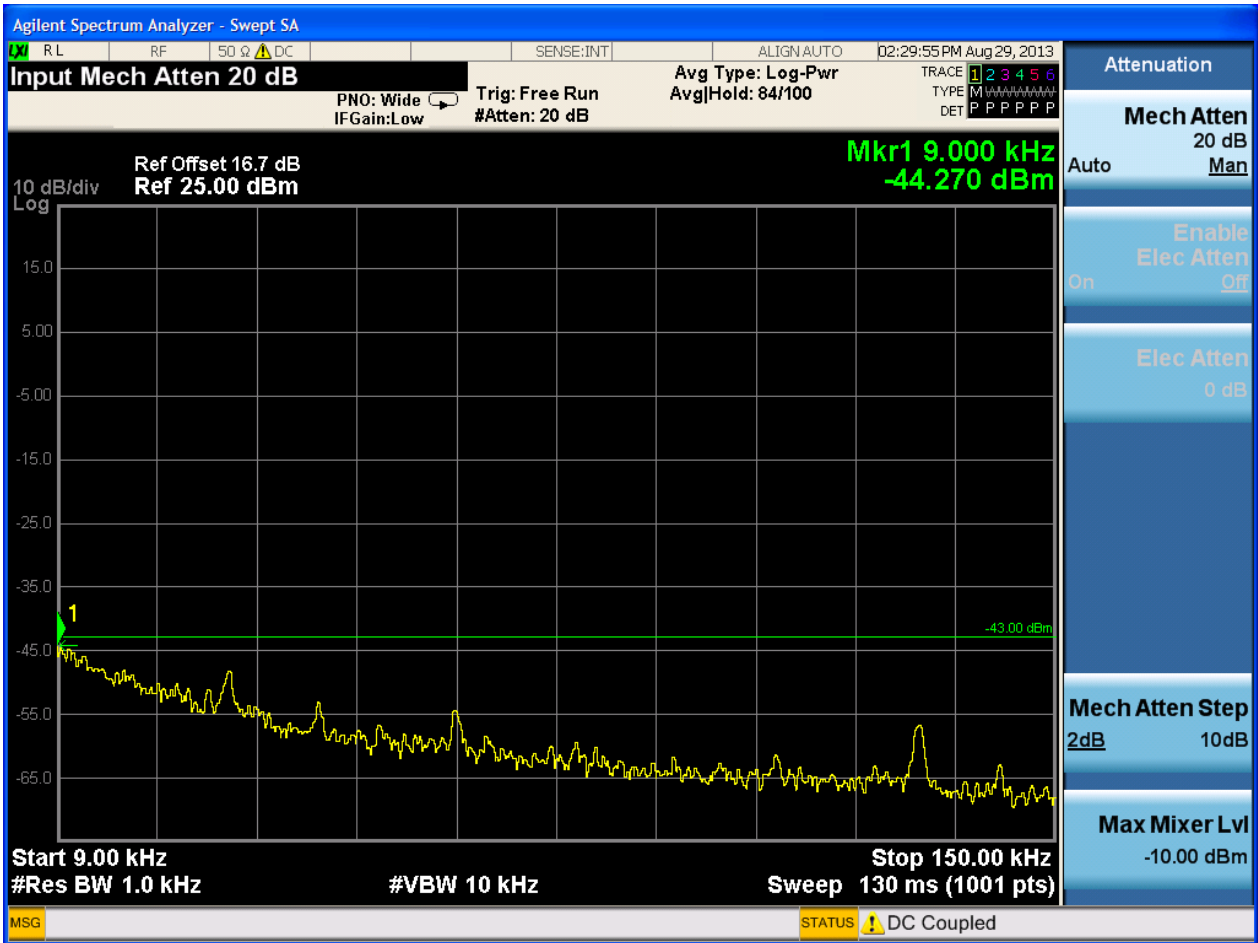


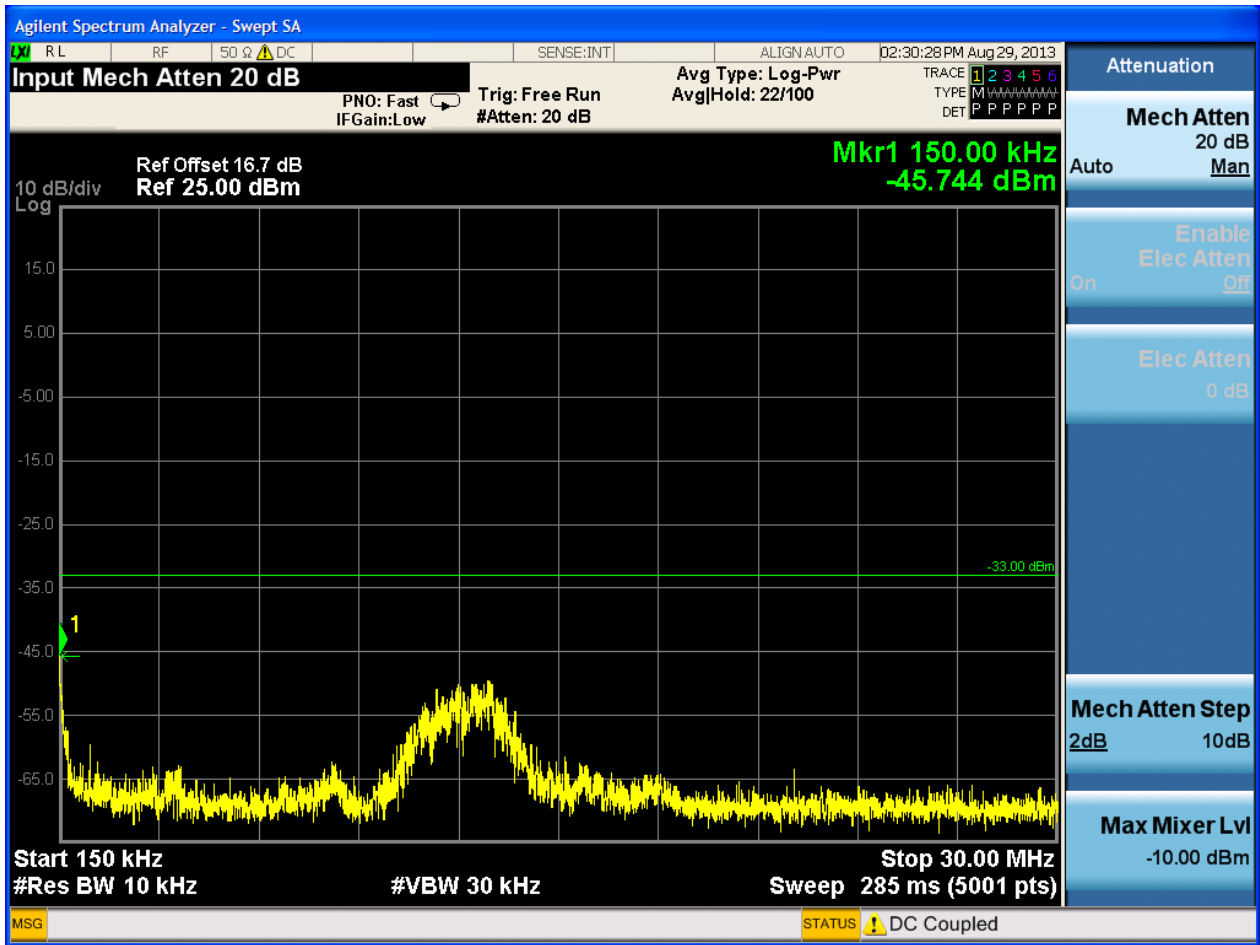


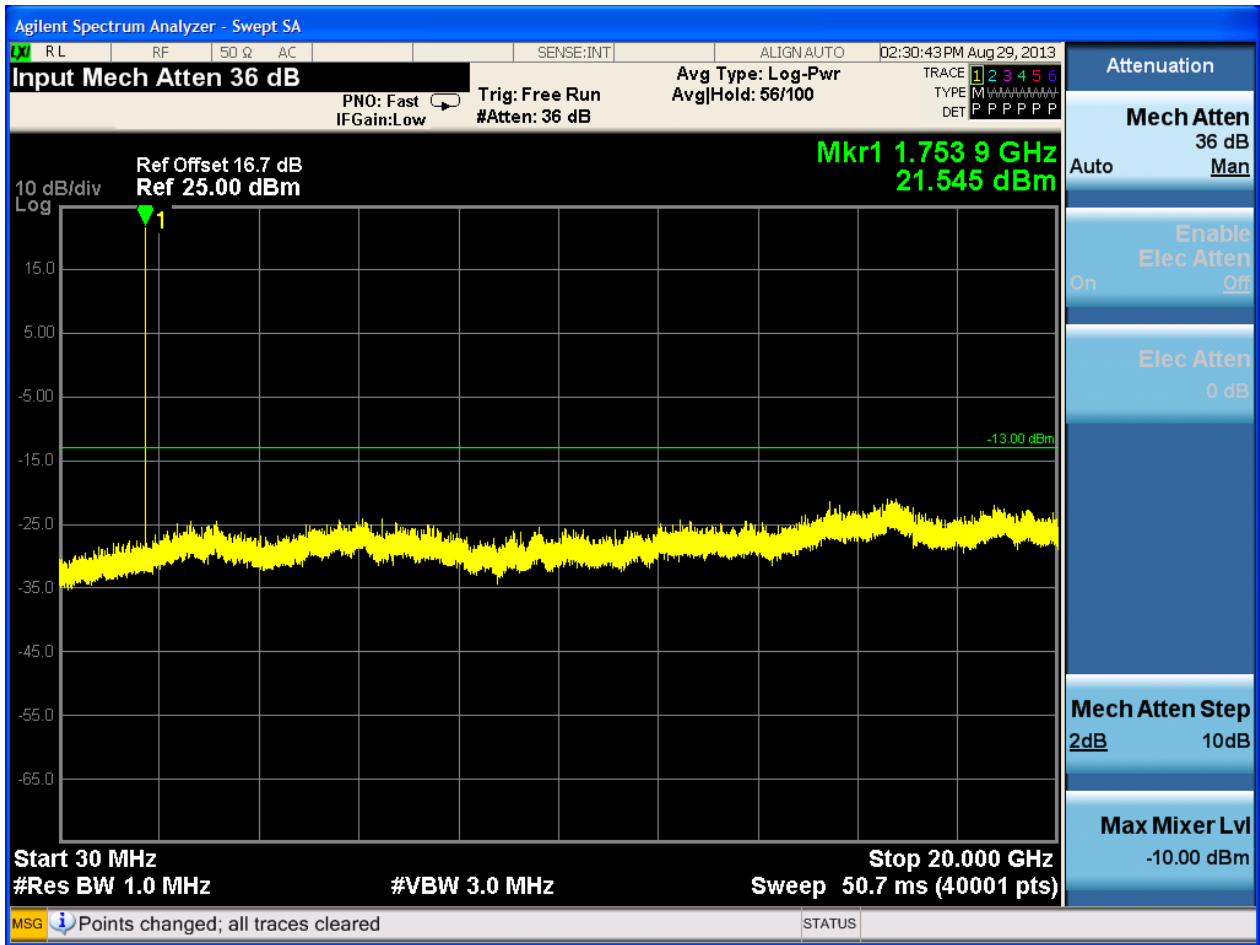




6.2.3.1.3 Test Channel = HCH









7Appendix_G: Field Strength of Spurious Radiation

Note:

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

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

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

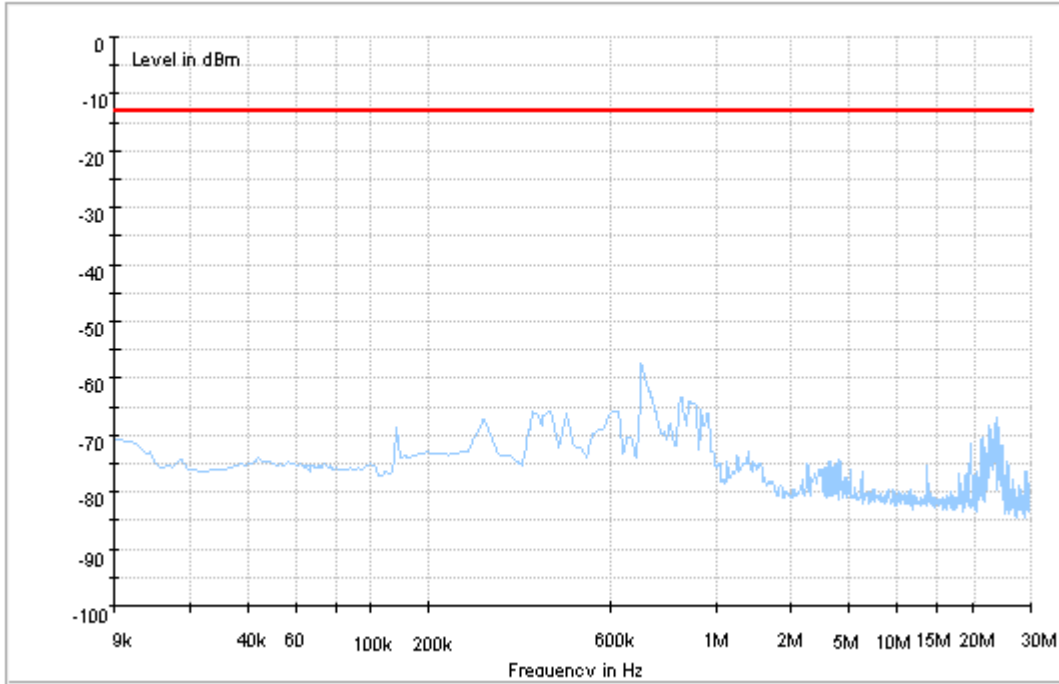
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

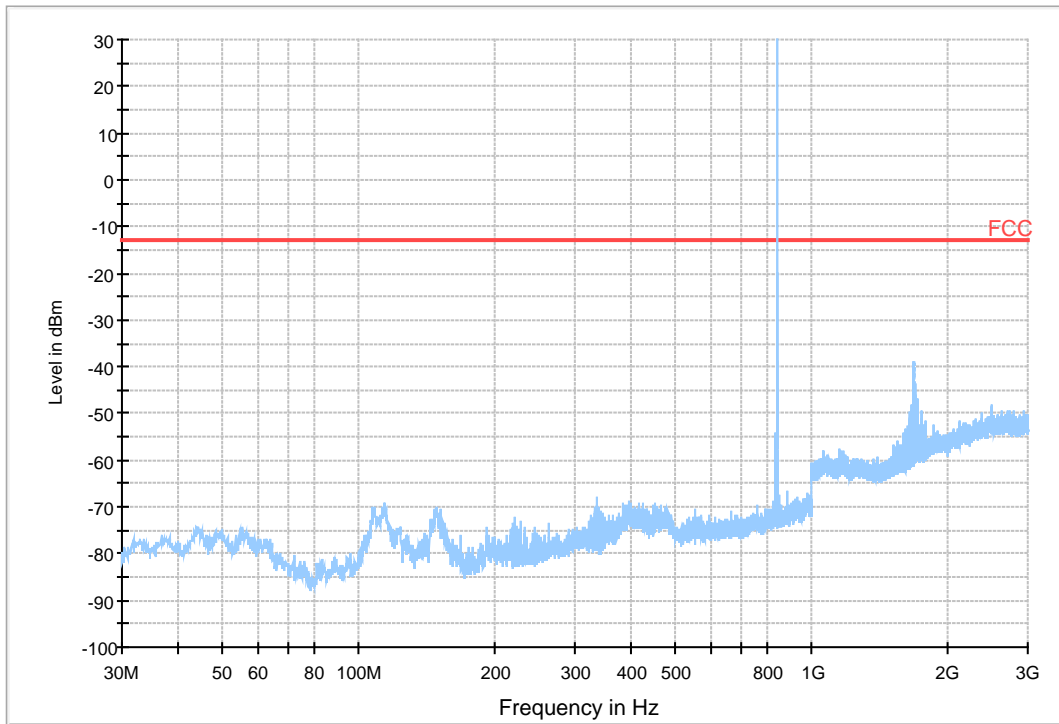
7.1 For GSM

7.1.1 Test Band = GSM850

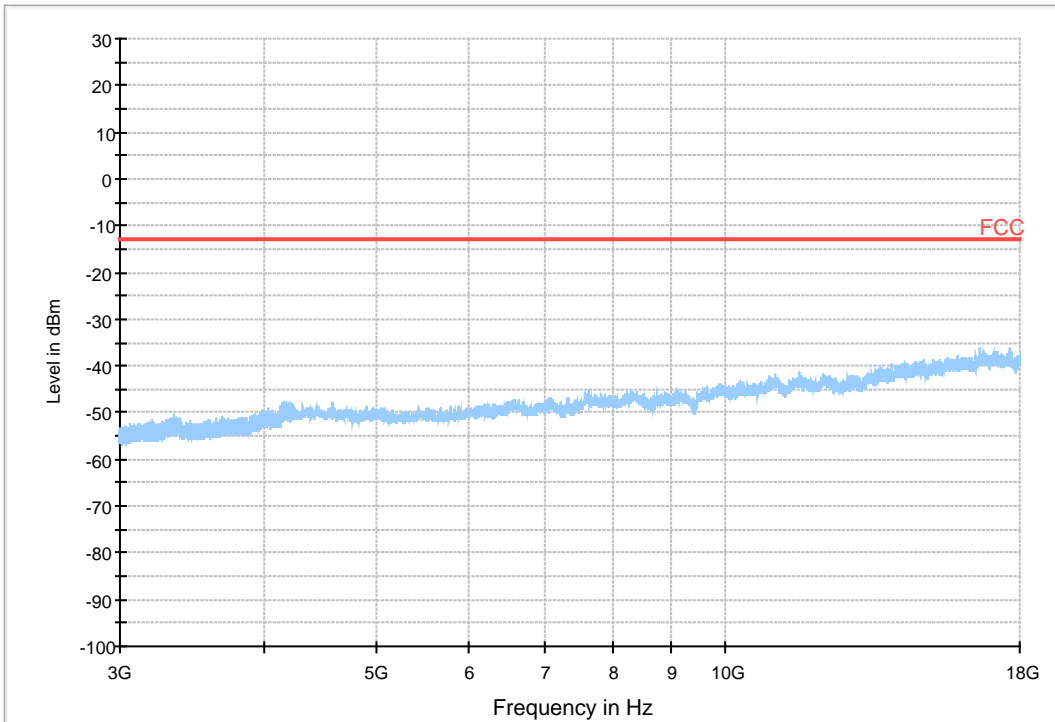
7.1.1.1 Test Mode = GSM/TM1



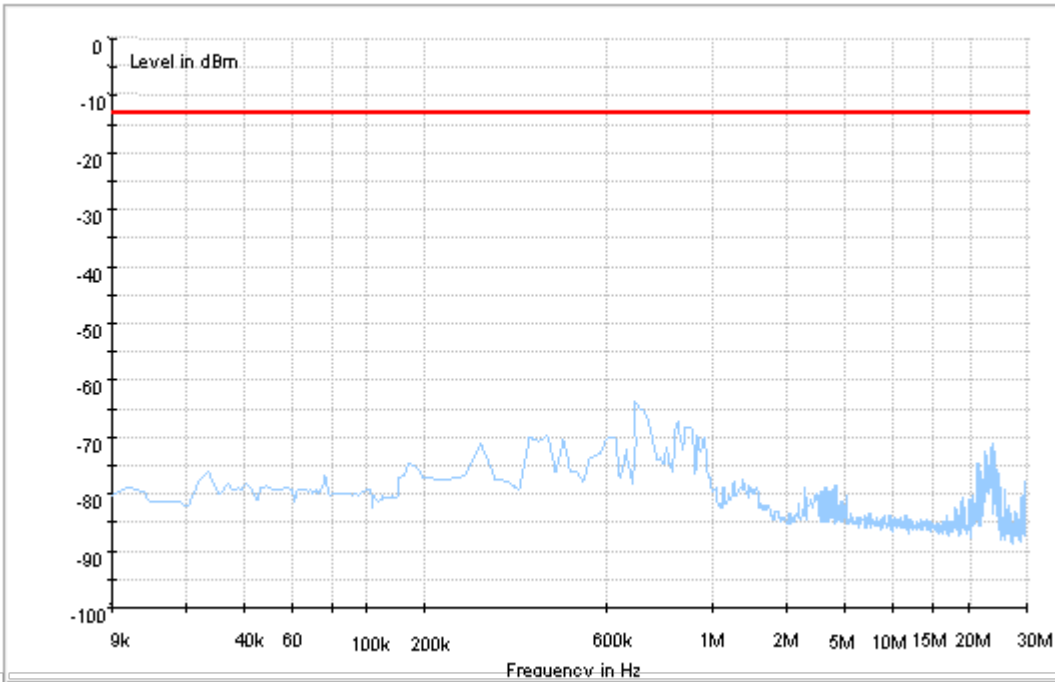
Copy of FCC PART22 GSM850_L



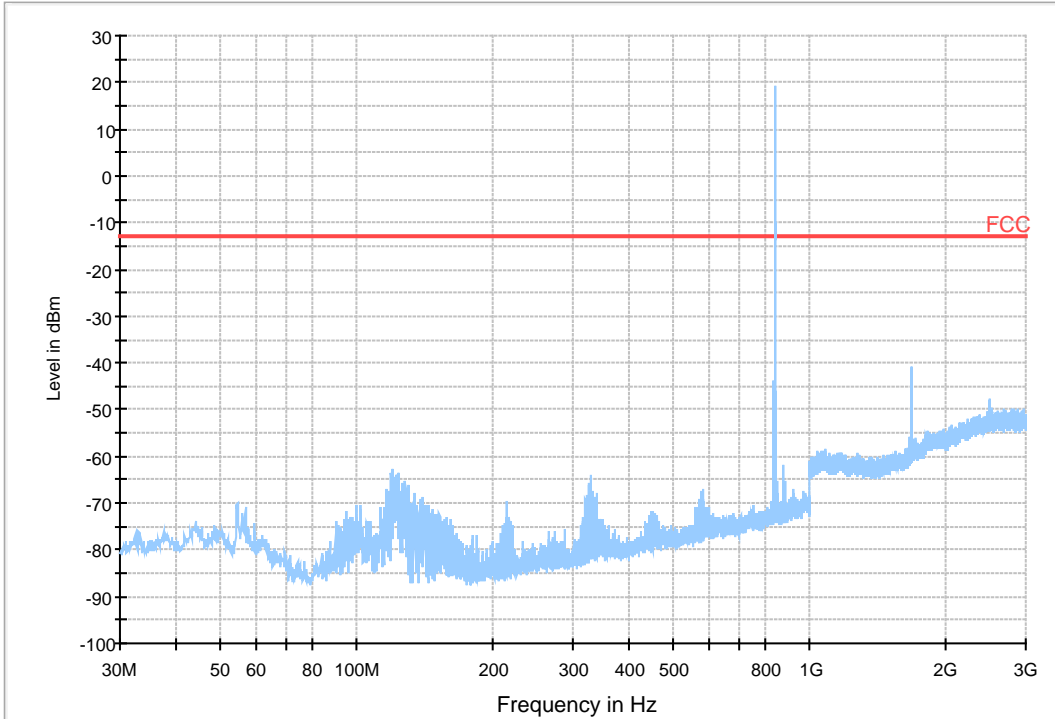
Copy of FCC PART22 GSM850_H



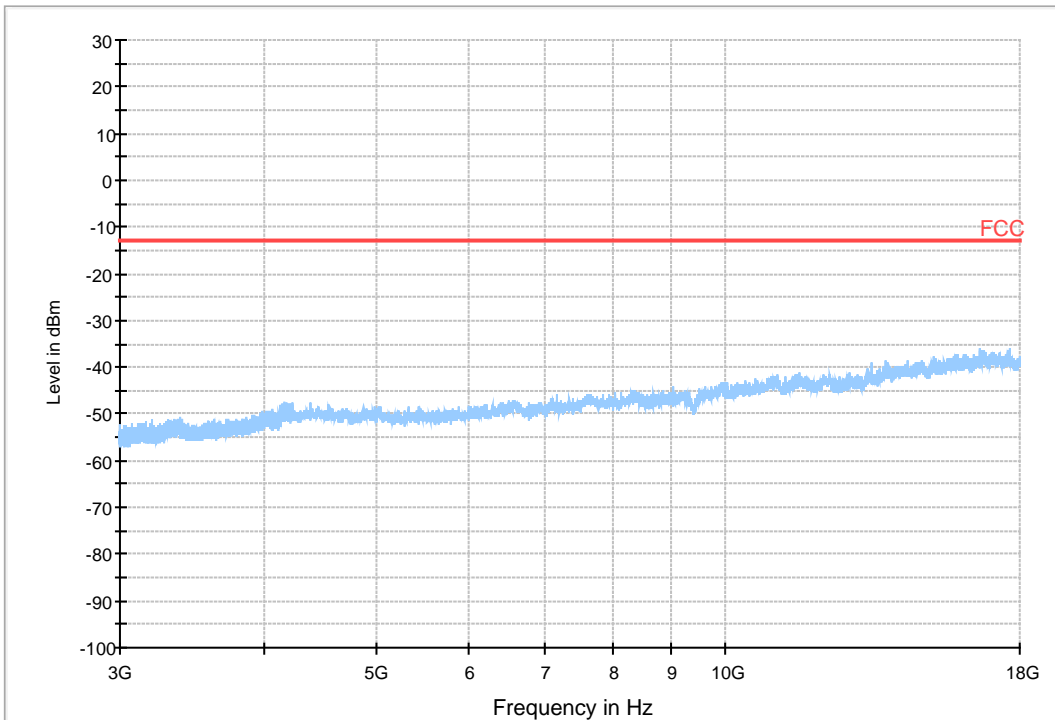
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

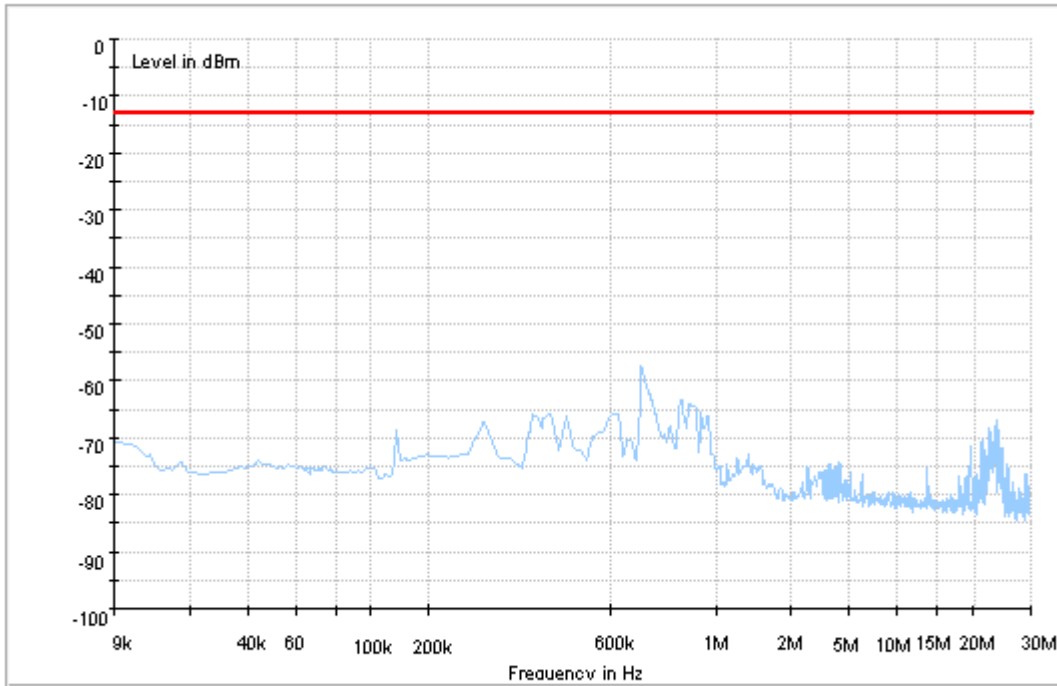


Copy of FCC PART22 GSM850_H

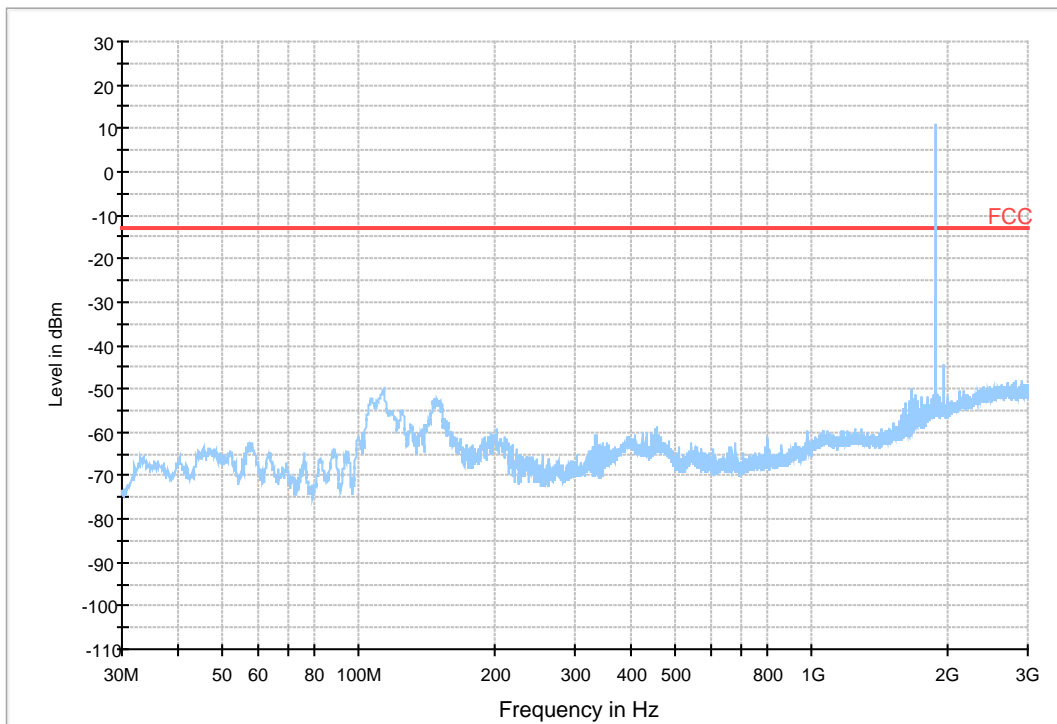


7.1.2 Test Band = GSM1900

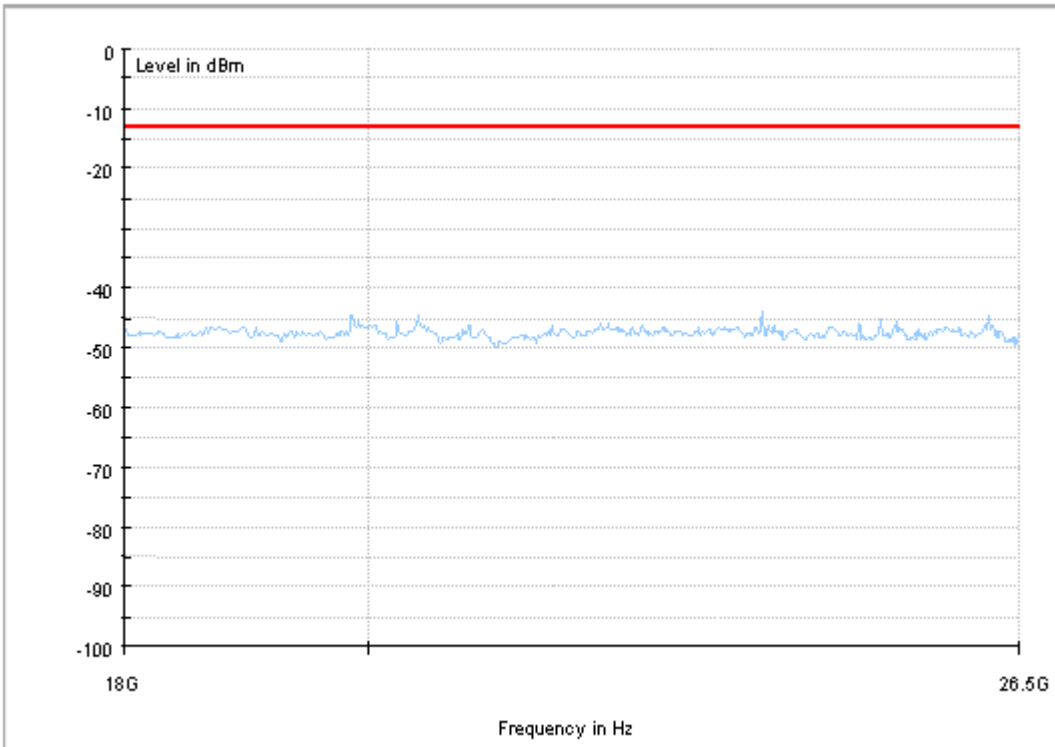
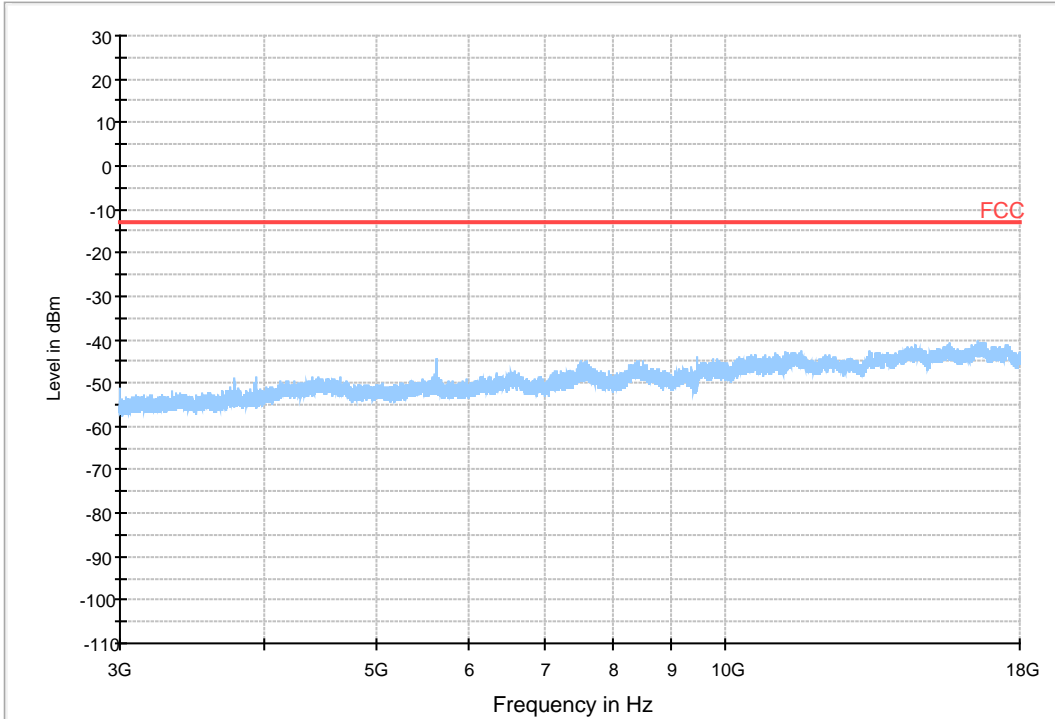
7.1.2.1 Test Mode = GSM/TM1



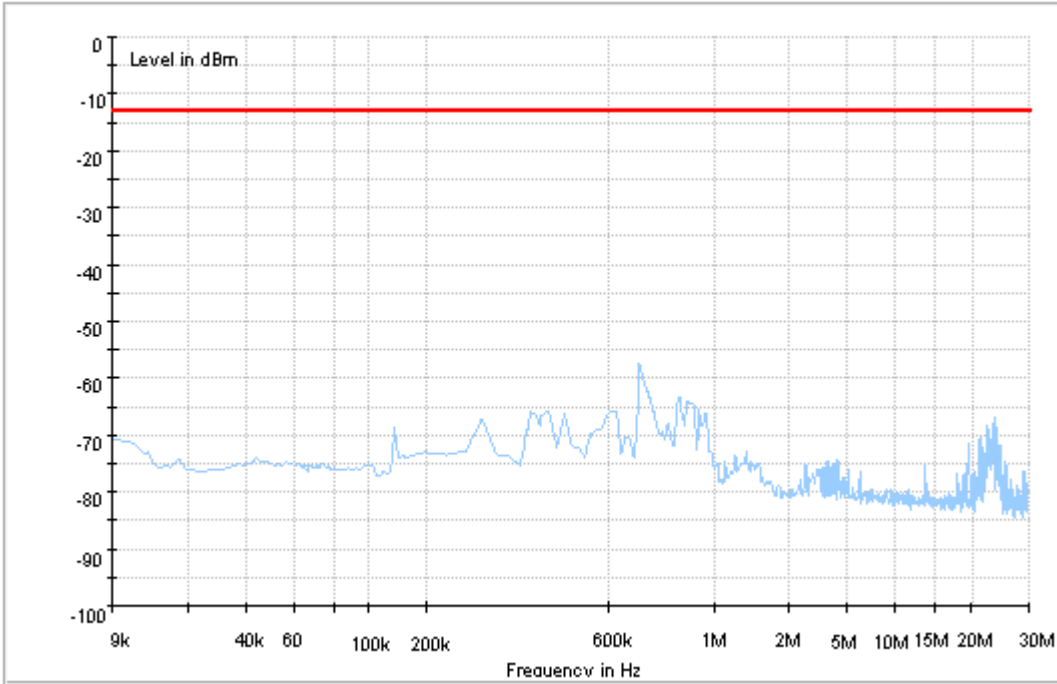
Copy of FCC PART24 GSM1900_L



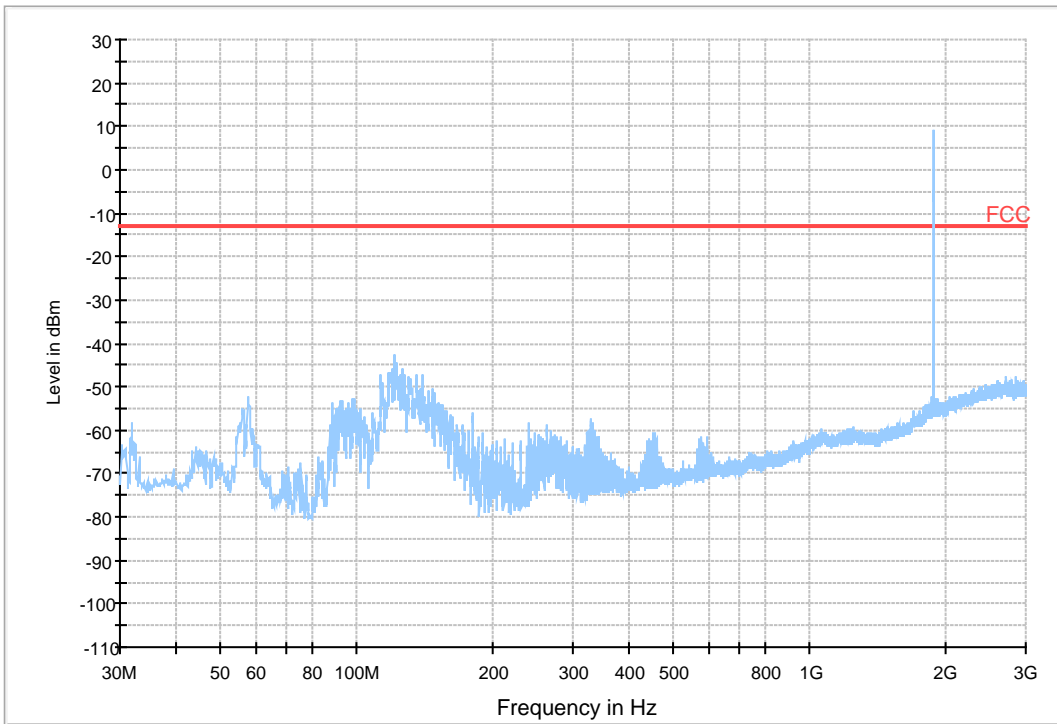
Copy of FCC PART24 GSM1900_H



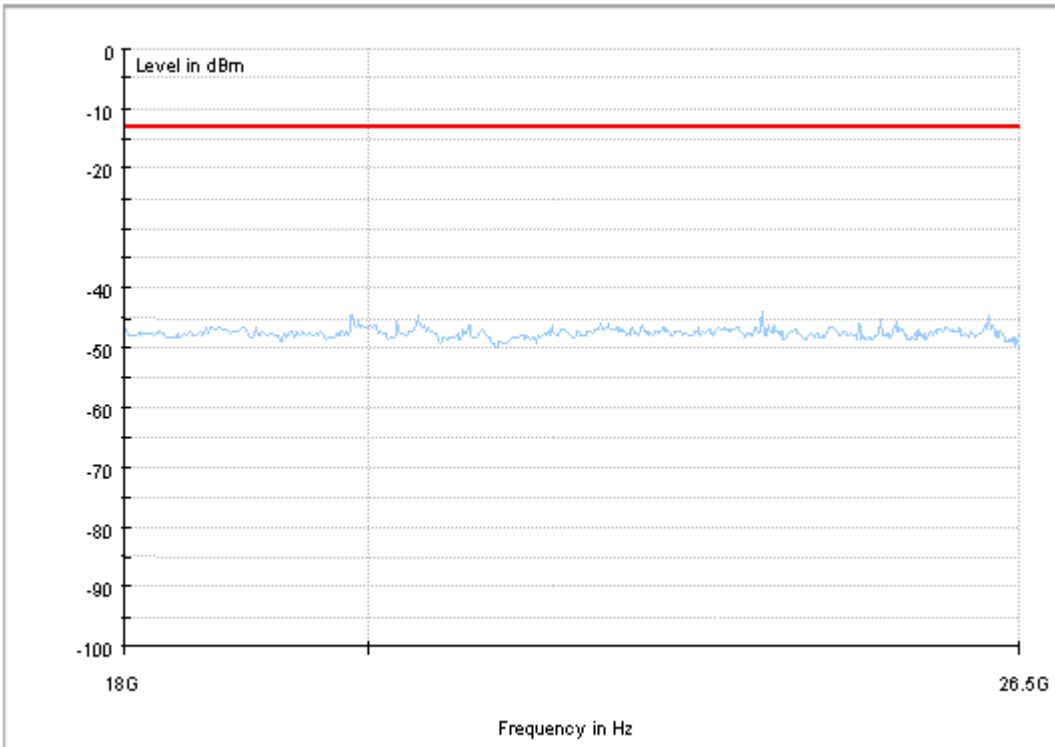
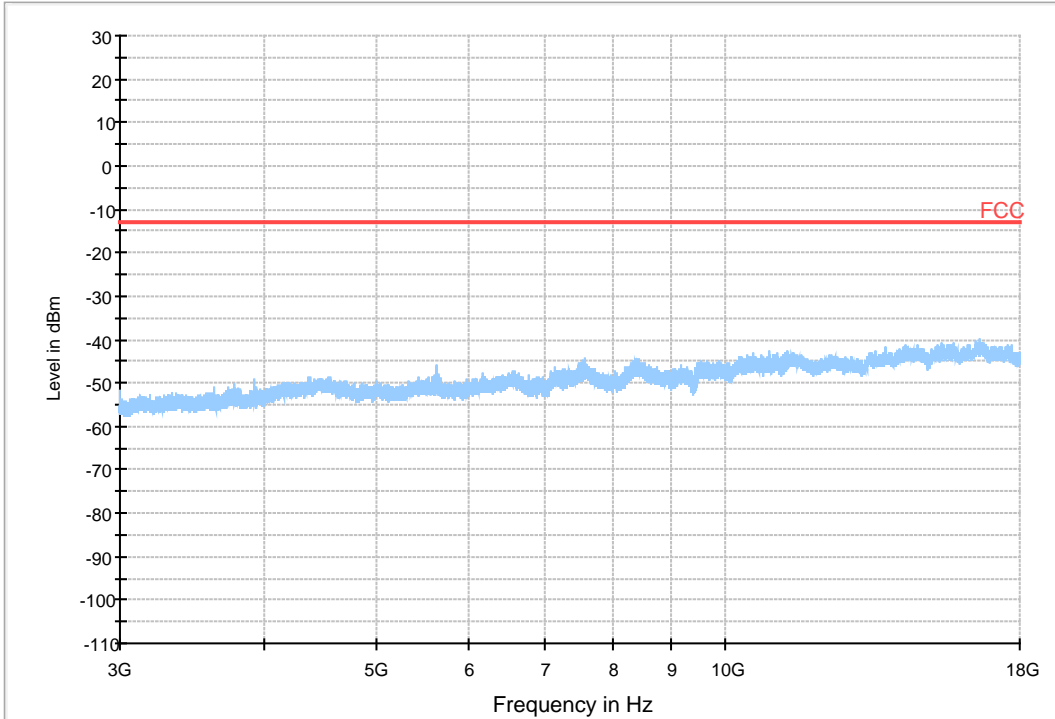
7.1.2.2 Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900_L



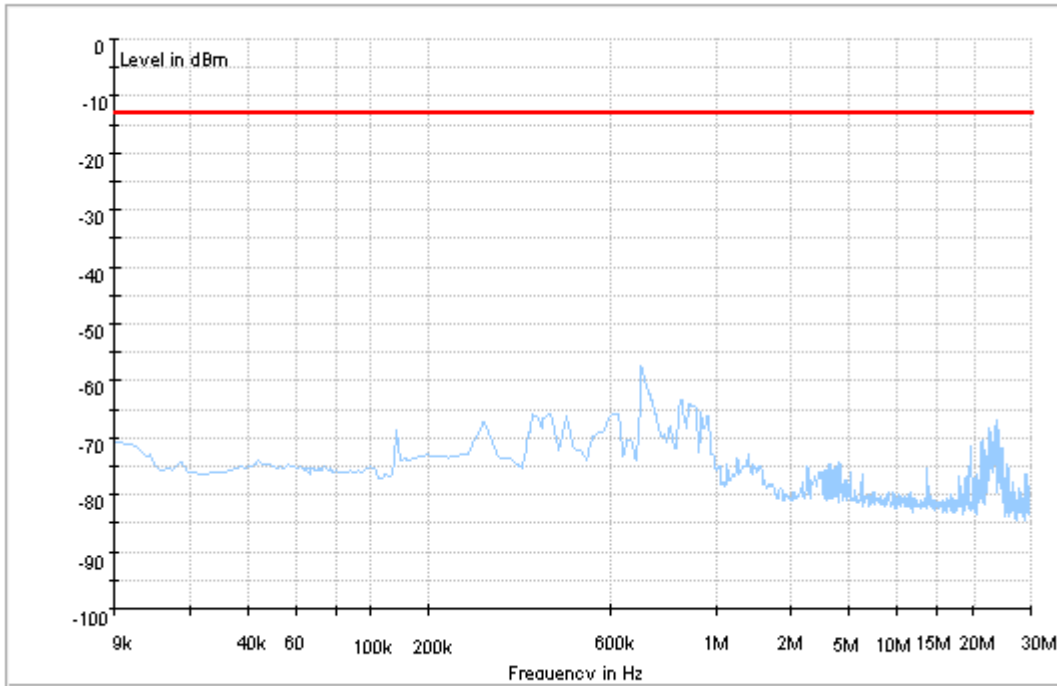
Copy of FCC PART24 GSM1900_H



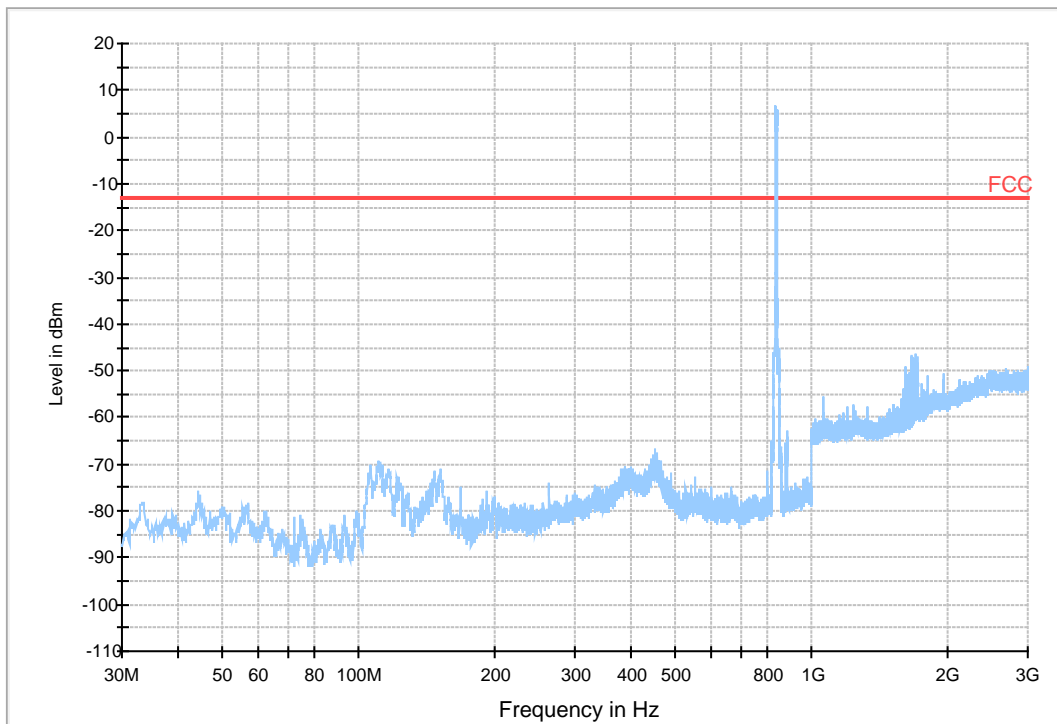
7.2 For UMTS

7.2.1 Test Band = WCDMA850

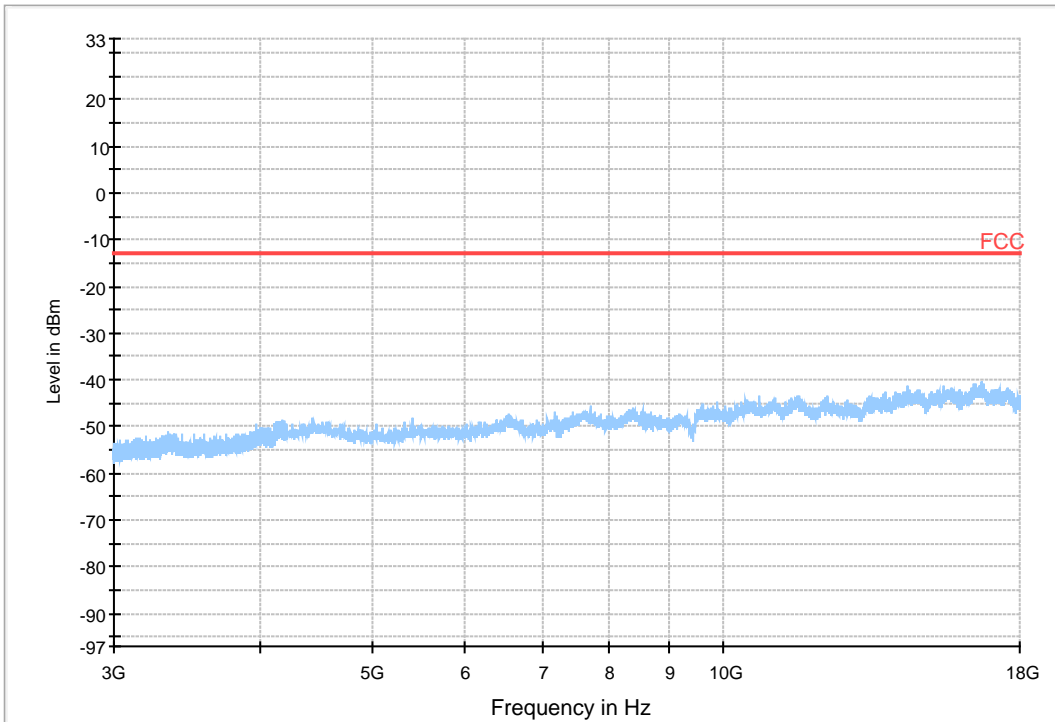
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

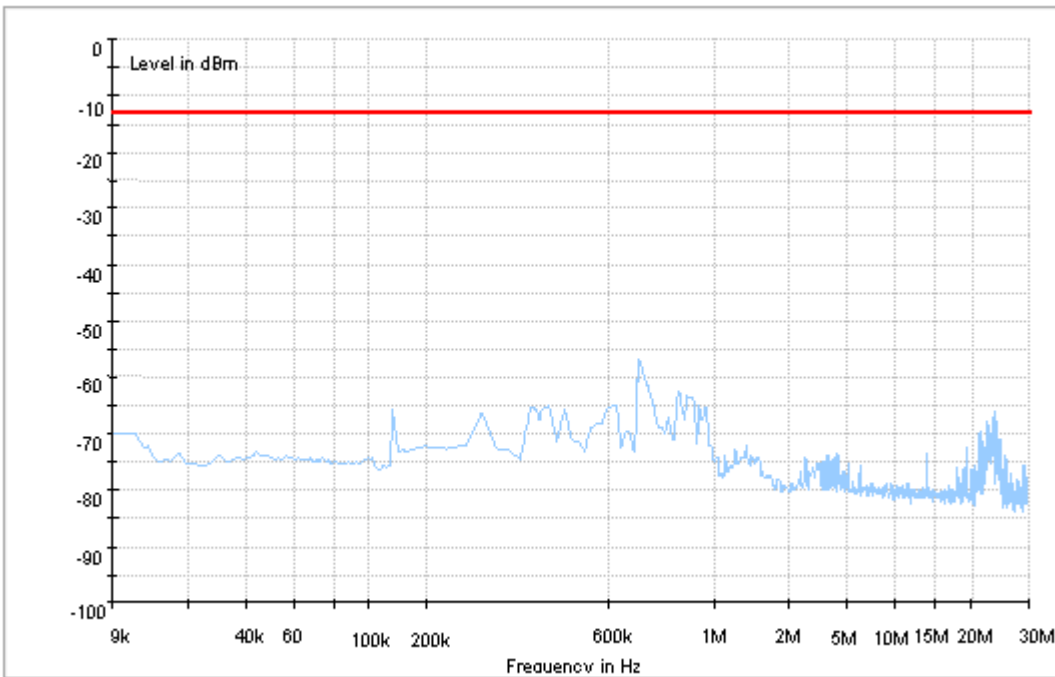


Copy of FCC PART22 WCDMA850_H

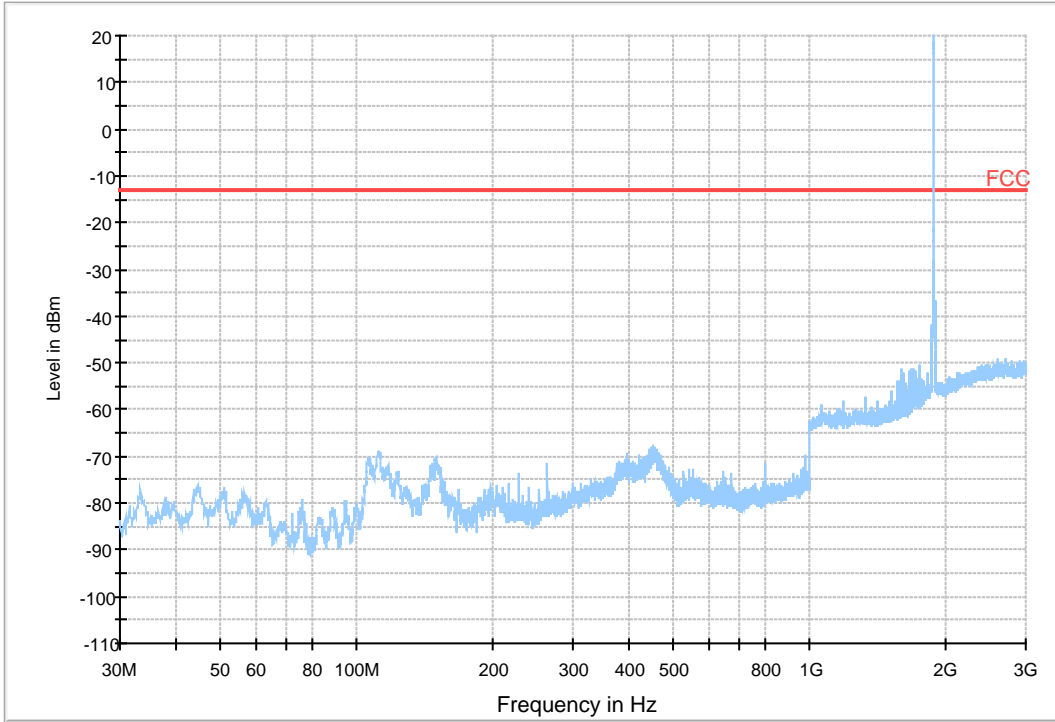


7.2.2 Test Band = WCDMA1900

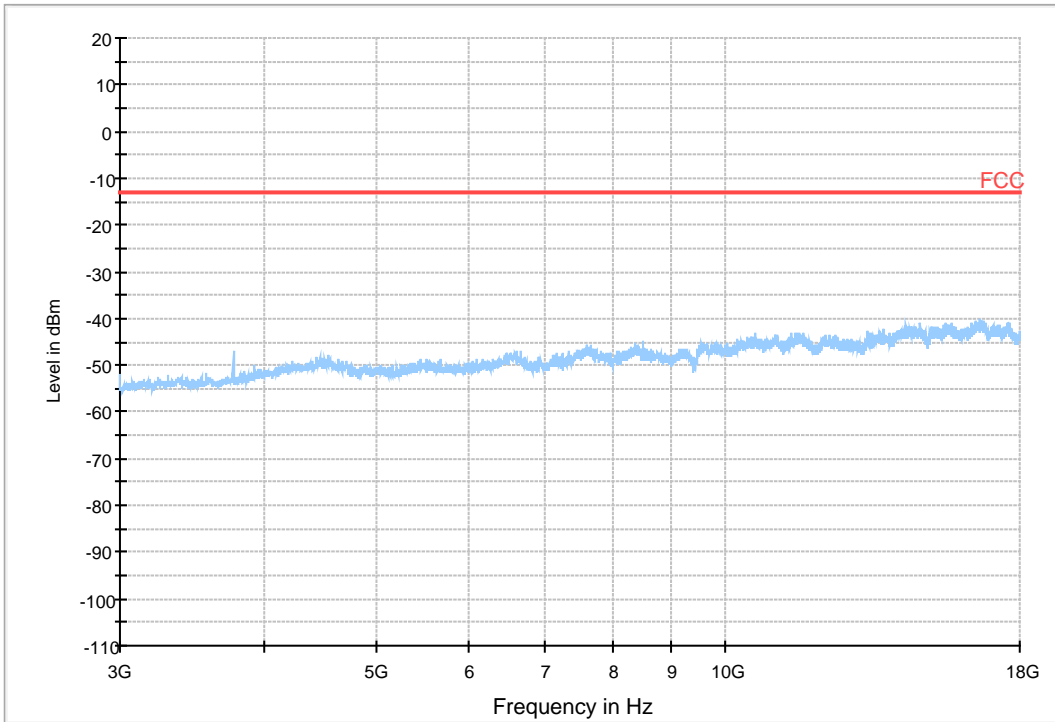
7.2.2.1 Test Mode = UMTS/TM1

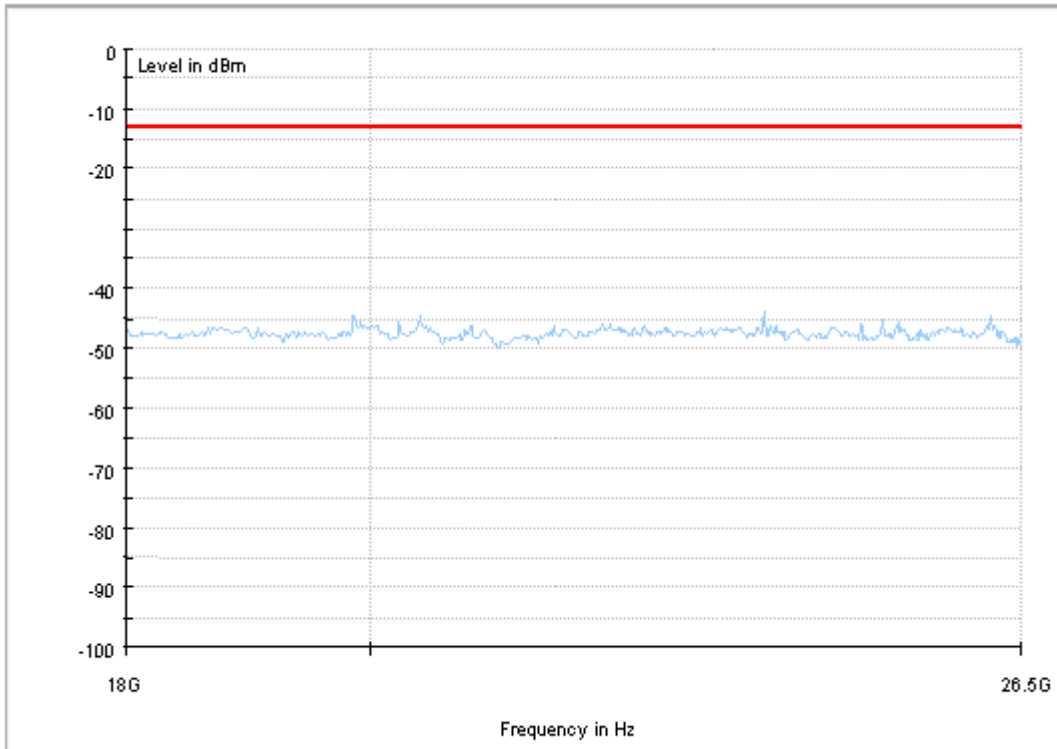


Copy of FCC PART24 WCDMA1900_L



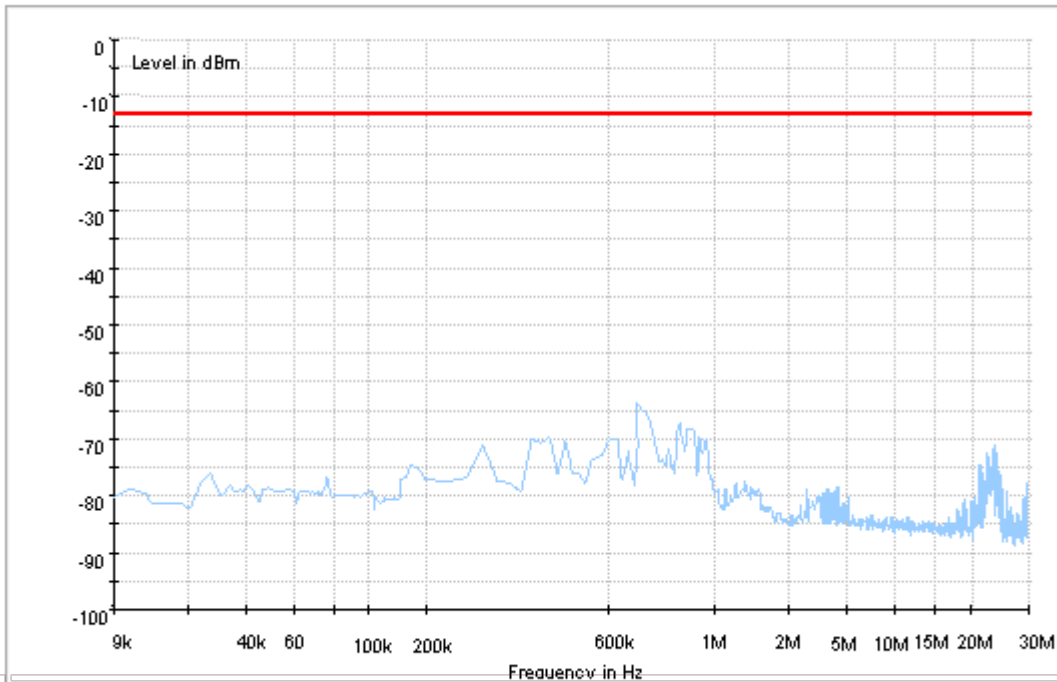
Copy of FCC PART24 WCDMA1900_H



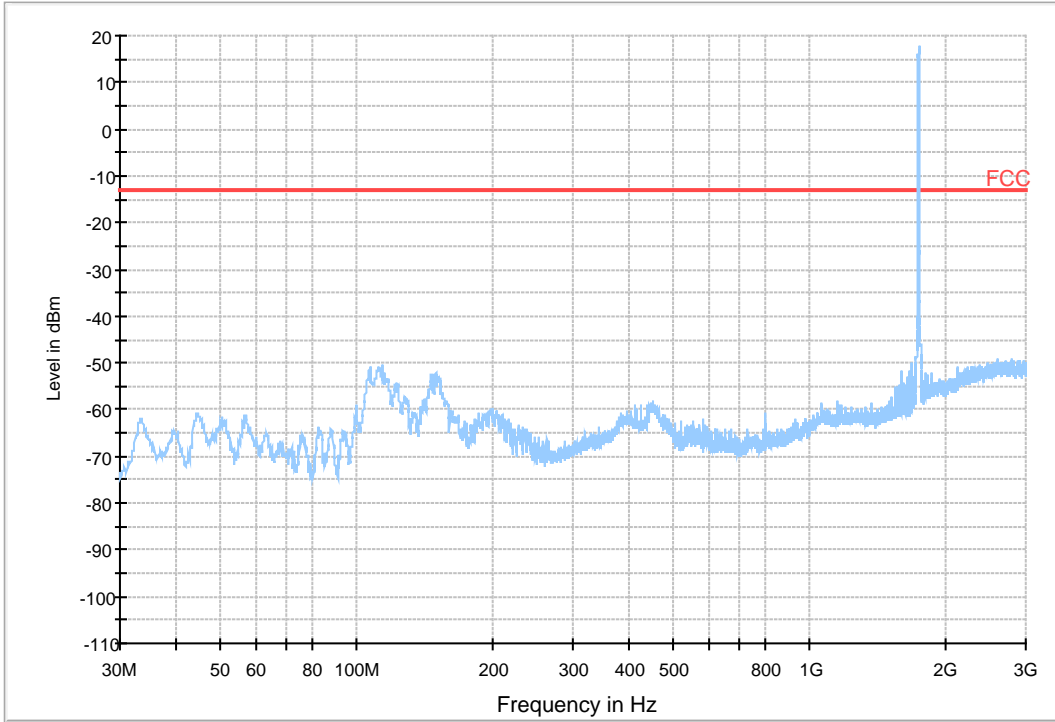


7.2.3 Test Band = WCDMA1700

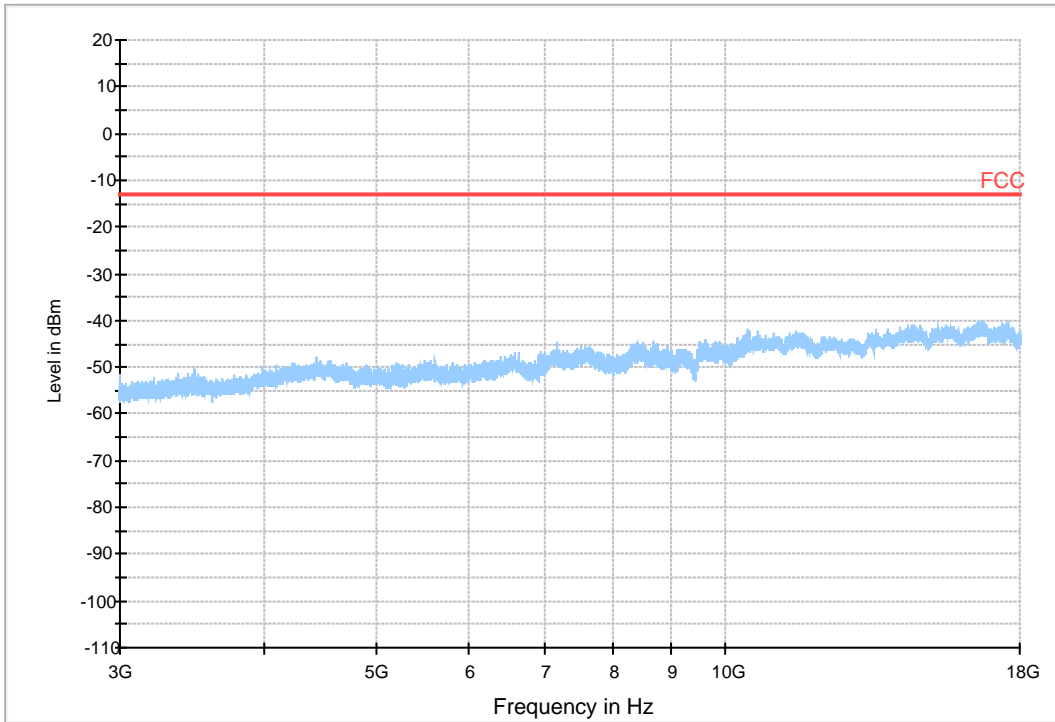
7.2.3.1 Test Mode = UMTS/TM1

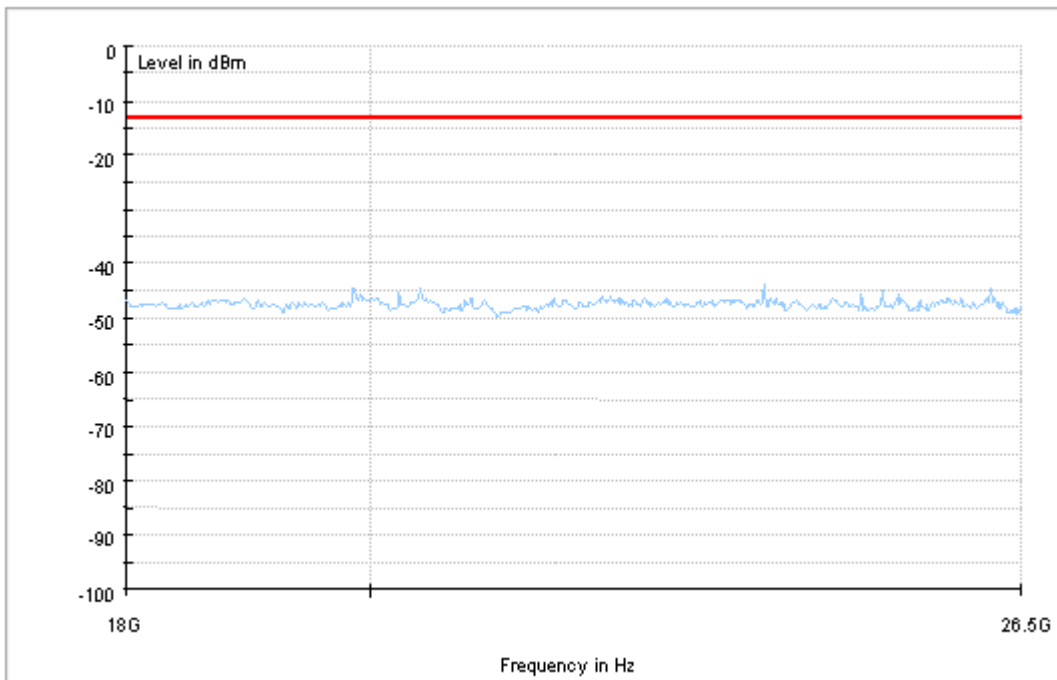


Copy of FCC PART27 WCDMA1700_L



Copy of FCC PART27 WCDMA1700_H





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	-27.57	-0.03345	PASS
				VN	-25.70	-0.03118	PASS
				VH	-23.89	-0.02899	PASS
		MCH	TN	VL	-24.28	-0.02902	PASS
				VN	-22.92	-0.0274	PASS
				VH	-22.92	-0.0274	PASS
		HCH	TN	VL	-26.02	-0.03066	PASS
				VN	-25.96	-0.03058	PASS
				VH	-29.19	-0.03439	PASS
	GSM/TM2	LCH	TN	VL	-30.77	-0.03733	PASS
				VN	-25.51	-0.03095	PASS
				VH	-41.36	-0.05018	PASS
		MCH	TN	VL	-29.28	-0.035	PASS
				VN	-26.51	-0.03169	PASS
				VH	-25.60	-0.0306	PASS
		HCH	TN	VL	-32.54	-0.03834	PASS
				VN	-33.06	-0.03895	PASS
				VH	-27.54	-0.03245	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-68.12	-0.03682	PASS
				VN	-66.44	-0.03591	PASS
				VH	-56.95	-0.03078	PASS
		MCH	TN	VL	-47.33	-0.02518	PASS
				VN	-44.10	-0.02346	PASS
				VH	-41.71	-0.02219	PASS
	HCH	TN	VL	-47.65	-0.02495	PASS	
			VN	-50.43	-0.02641	PASS	
			VH	-57.28	-0.02999	PASS	
	GSM/TM2	LCH	TN	VL	-66.77	-0.03609	PASS
				VN	-73.64	-0.0398	PASS
				VH	-63.18	-0.03415	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	-56.56	-0.03009	PASS
				VN	-61.38	-0.03265	PASS
				VH	-42.36	-0.02253	PASS
		HCH	TN	VL	-69.22	-0.03624	PASS
				VN	-51.85	-0.02715	PASS
				VH	-76.26	-0.03993	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	-25.18	-0.03055	PASS
				-20	-25.70	-0.03118	PASS
				-10	-27.06	-0.03283	PASS
				0	-25.96	-0.0315	PASS
				10	-22.92	-0.02781	PASS
				20	-28.48	-0.03455	PASS
				30	-25.83	-0.03134	PASS
				40	-24.02	-0.02914	PASS
		MCH	VN	-30	-20.79	-0.02485	PASS
				-20	-22.60	-0.02701	PASS
				-10	-19.95	-0.02385	PASS
				0	-19.44	-0.02324	PASS
				10	-24.54	-0.02933	PASS
				20	-29.12	-0.03481	PASS
				30	-22.79	-0.02724	PASS
				40	-21.95	-0.02624	PASS
		HCH	VN	-30	-28.73	-0.03385	PASS
				-20	-30.35	-0.03576	PASS
				-10	-27.06	-0.03188	PASS
				0	-23.63	-0.02784	PASS
				10	-27.96	-0.03294	PASS
				20	-24.09	-0.02838	PASS
				30	-26.02	-0.03066	PASS
				40	-24.92	-0.02936	PASS
	GSM/TM2	LCH	VN	-30	-35.61	-0.04321	PASS
				-20	-30.25	-0.0367	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				-10	-30.83	-0.03741	PASS						
				0	-29.90	-0.03628	PASS						
				10	-33.00	-0.04004	PASS						
				20	-29.99	-0.03639	PASS						
				30	-27.09	-0.03287	PASS						
				40	-33.48	-0.04062	PASS						
				50	-24.83	-0.03013	PASS						
		MCH	VN			-30	-26.22	-0.03134	PASS				
						-20	-35.71	-0.04268	PASS				
						-10	-29.99	-0.03585	PASS				
						0	-29.32	-0.03505	PASS				
						10	-32.16	-0.03844	PASS				
						20	-27.86	-0.0333	PASS				
						30	-29.28	-0.035	PASS				
						40	-28.67	-0.03427	PASS				
						50	-25.12	-0.03003	PASS				
		HCH	VN			-30	-30.87	-0.03637	PASS				
						-20	-28.28	-0.03332	PASS				
						-10	-35.58	-0.04192	PASS				
						0	-32.87	-0.03873	PASS				
						10	-35.13	-0.04139	PASS				
						20	-28.83	-0.03397	PASS				
						30	-29.86	-0.03518	PASS				
						40	-31.19	-0.03675	PASS				
						50	-36.77	-0.04332	PASS				
		GSM1900	GSM/TM1	LCH	VN								
										-30	-62.96	-0.03403	PASS
-20	-52.24									-0.02823	PASS		
-10	-59.21									-0.032	PASS		
0	-54.50									-0.02946	PASS		
10	-64.25									-0.03473	PASS		
20	-52.11									-0.02816	PASS		
30	-64.51									-0.03487	PASS		
40	-57.99									-0.03134	PASS		
50	-62.83			-0.03396	PASS								
MCH	VN												
										-30	-37.32	-0.01985	PASS
										-20	-49.85	-0.02652	PASS
										-10	-44.04	-0.02343	PASS
										0	-40.81	-0.02171	PASS
										10	-37.65	-0.02003	PASS
										20	-44.30	-0.02356	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
				30	-44.62	-0.02373	PASS	
				40	-38.81	-0.02064	PASS	
				50	-44.88	-0.02387	PASS	
		HCH	VN	-30	-52.30	-0.02739	PASS	
				-20	-55.85	-0.02924	PASS	
				-10	-51.72	-0.02708	PASS	
				0	-56.44	-0.02955	PASS	
				10	-47.98	-0.02512	PASS	
				20	-50.17	-0.02627	PASS	
				30	-49.66	-0.026	PASS	
				40	-53.59	-0.02806	PASS	
				50	-41.91	-0.02194	PASS	
		GSM/TM2	LCH	VN	-30	-75.52	-0.04082	PASS
					-20	-76.29	-0.04123	PASS
					-10	-87.37	-0.04722	PASS
	0				-86.46	-0.04673	PASS	
	10				-70.19	-0.03794	PASS	
	20				-64.70	-0.03497	PASS	
	30				-65.28	-0.03528	PASS	
	40				-65.57	-0.03544	PASS	
	MCH		VN	-30	-43.46	-0.02312	PASS	
				-20	-46.04	-0.02449	PASS	
				-10	-35.84	-0.01906	PASS	
				0	-50.88	-0.02706	PASS	
				10	-34.90	-0.01856	PASS	
				20	-46.10	-0.02452	PASS	
				30	-52.21	-0.02777	PASS	
	HCH	VN	-30	-74.32	-0.03892	PASS		
			-20	-38.84	-0.02034	PASS		
			-10	-66.15	-0.03464	PASS		
			0	-44.62	-0.02336	PASS		
			10	-68.32	-0.03577	PASS		
			20	-60.70	-0.03178	PASS		
			30	-45.07	-0.0236	PASS		
			40	-51.46	-0.02695	PASS		
	50	-45.75	-0.02396	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	3.23	0.00391	PASS
				VN	-7.14	-0.00864	PASS
				VH	14.40	0.01742	PASS
		MCH	TN	VL	-9.23	-0.01104	PASS
				VN	-21.62	-0.02585	PASS
				VH	-14.66	-0.01753	PASS
		HCH	TN	VL	-13.34	-0.01576	PASS
				VN	-1.24	-0.00146	PASS
				VH	-8.22	-0.00971	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	2.03	0.0011	PASS
				VN	1.24	0.00067	PASS
				VH	-3.66	-0.00198	PASS
		MCH	TN	VL	-0.66	-0.00035	PASS
				VN	2.70	0.00144	PASS
				VH	0.96	0.00051	PASS
		HCH	TN	VL	-3.19	-0.00167	PASS
				VN	-2.21	-0.00116	PASS
				VH	2.38	0.00125	PASS
WCDMA1700	UMTS/TM1	LCH	TN	VL	-4.23	-0.00247	PASS
				VN	10.31	0.00602	PASS
				VH	-23.50	-0.01372	PASS
		MCH	TN	VL	-4.15	-0.0024	PASS
				VN	11.55	0.00667	PASS
				VH	5.81	0.00335	PASS
		HCH	TN	VL	-6.97	-0.00398	PASS
				VN	-9.83	-0.00561	PASS
				VH	8.33	0.00475	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	2.27	0.00275	PASS
				-20	-0.98	-0.00119	PASS
				-10	-3.97	-0.0048	PASS
				0	5.83	0.00705	PASS
				10	1.37	0.00166	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				20	-2.62	-0.00317	PASS						
				30	4.14	0.00501	PASS						
				40	-24.31	-0.02942	PASS						
				50	1.57	0.0019	PASS						
		MCH	VN			-30	-11.22	-0.01341	PASS				
						-20	4.61	0.00551	PASS				
						-10	11.02	0.01318	PASS				
						0	-10.68	-0.01277	PASS				
						10	-0.32	-0.00038	PASS				
						20	-19.24	-0.023	PASS				
						30	-6.21	-0.00742	PASS				
						40	-12.92	-0.01545	PASS				
						50	-0.08	-0.0001	PASS				
						HCH	VN			-30	3.42	0.00404	PASS
		-20	3.33	0.00393	PASS								
		-10	-19.91	-0.02352	PASS								
		0	-3.04	-0.00359	PASS								
		10	2.17	0.00256	PASS								
		20	-12.30	-0.01453	PASS								
		30	-2.03	-0.0024	PASS								
		40	-18.98	-0.02242	PASS								
		WCDMA1900	UMTS/TM1	LCH	VN					-30	6.20	0.00335	PASS
										-20	-3.22	-0.00174	PASS
										-10	5.58	0.00301	PASS
										0	2.01	0.00109	PASS
										10	7.19	0.00388	PASS
										20	1.42	0.00077	PASS
										30	-3.17	-0.00171	PASS
40	-1.46									-0.00079	PASS		
50	-1.57									-0.00085	PASS		
MCH	VN									-30	8.01	0.00426	PASS
										-20	5.74	0.00305	PASS
										-10	1.95	0.00104	PASS
										0	1.82	0.00097	PASS
										10	-5.37	-0.00286	PASS
										20	0.85	0.00045	PASS
										30	3.63	0.00193	PASS
										40	-0.43	-0.00023	PASS
										50	-0.47	-0.00025	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	-30	0.85	0.00045	PASS
				-20	-3.85	-0.00202	PASS
				-10	-0.87	-0.00046	PASS
				0	5.42	0.00284	PASS
				10	-1.40	-0.00073	PASS
				20	-3.62	-0.0019	PASS
				30	-2.41	-0.00126	PASS
				40	5.08	0.00266	PASS
				50	-5.77	-0.00302	PASS
WCDMA1700	UMTS/TM1	LCH	VN	-30	-11.69	-0.00683	PASS
				-20	-6.39	-0.00373	PASS
				-10	1.63	0.00095	PASS
				0	0.24	0.00014	PASS
				10	-7.60	-0.00444	PASS
				20	-0.90	-0.00053	PASS
				30	-2.61	-0.00152	PASS
				40	6.21	0.00363	PASS
				50	0.44	0.00026	PASS
		MCH	VN	-30	-4.14	-0.00239	PASS
				-20	2.53	0.00146	PASS
				-10	-0.27	-0.00016	PASS
				0	-3.91	-0.00226	PASS
				10	-0.73	-0.00042	PASS
				20	-6.87	-0.00397	PASS
				30	-3.10	-0.00179	PASS
				40	-7.48	-0.00432	PASS
				50	2.35	0.00136	PASS
		HCH	VN	-30	-8.73	-0.00498	PASS
				-20	4.03	0.0023	PASS
				-10	-5.46	-0.00312	PASS
				0	-1.51	-0.00086	PASS
				10	-7.00	-0.00399	PASS
				20	-10.07	-0.00575	PASS
				30	-4.81	-0.00274	PASS
				40	1.45	0.00083	PASS
				50	-5.23	-0.00298	PASS

END