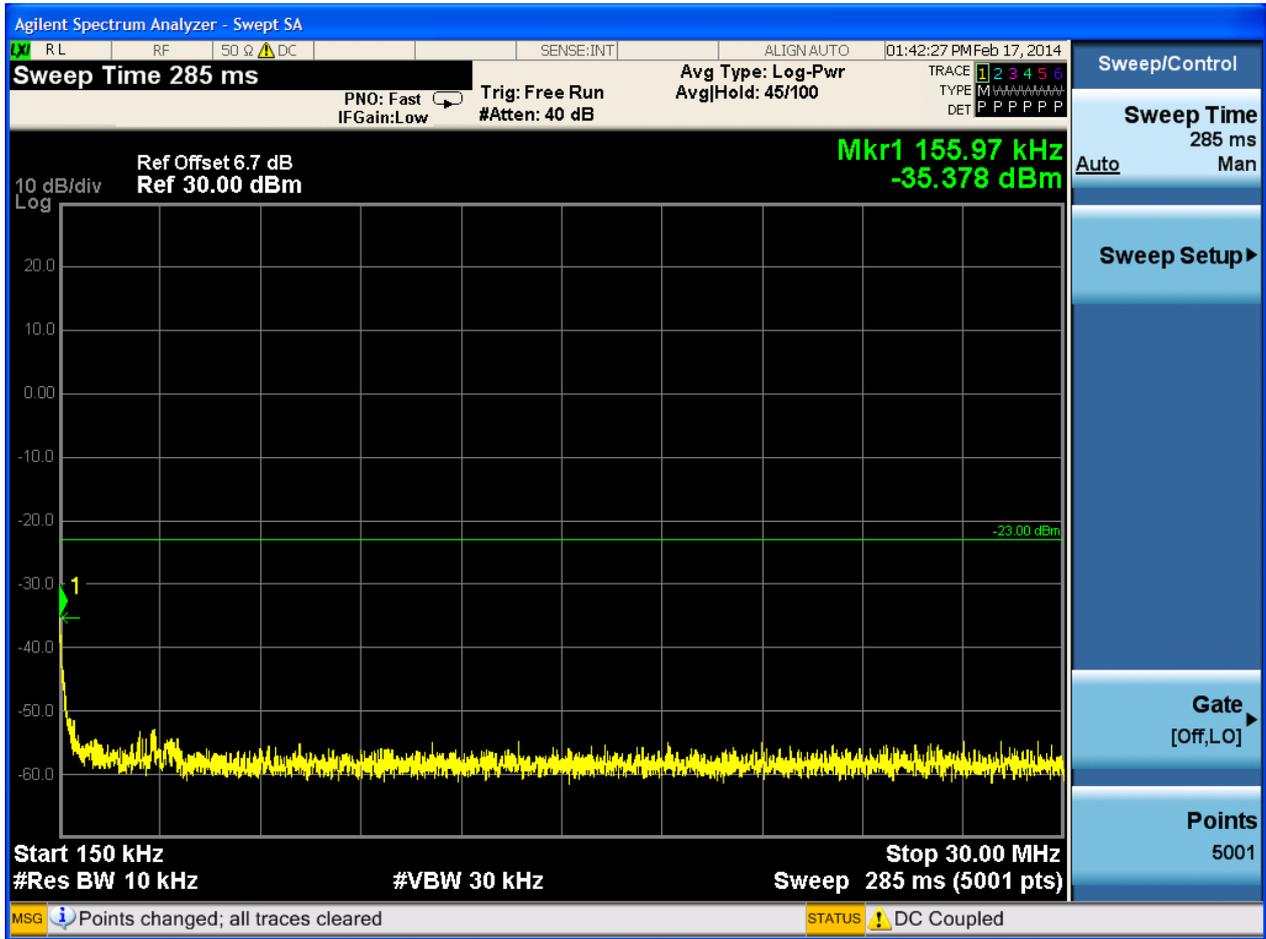
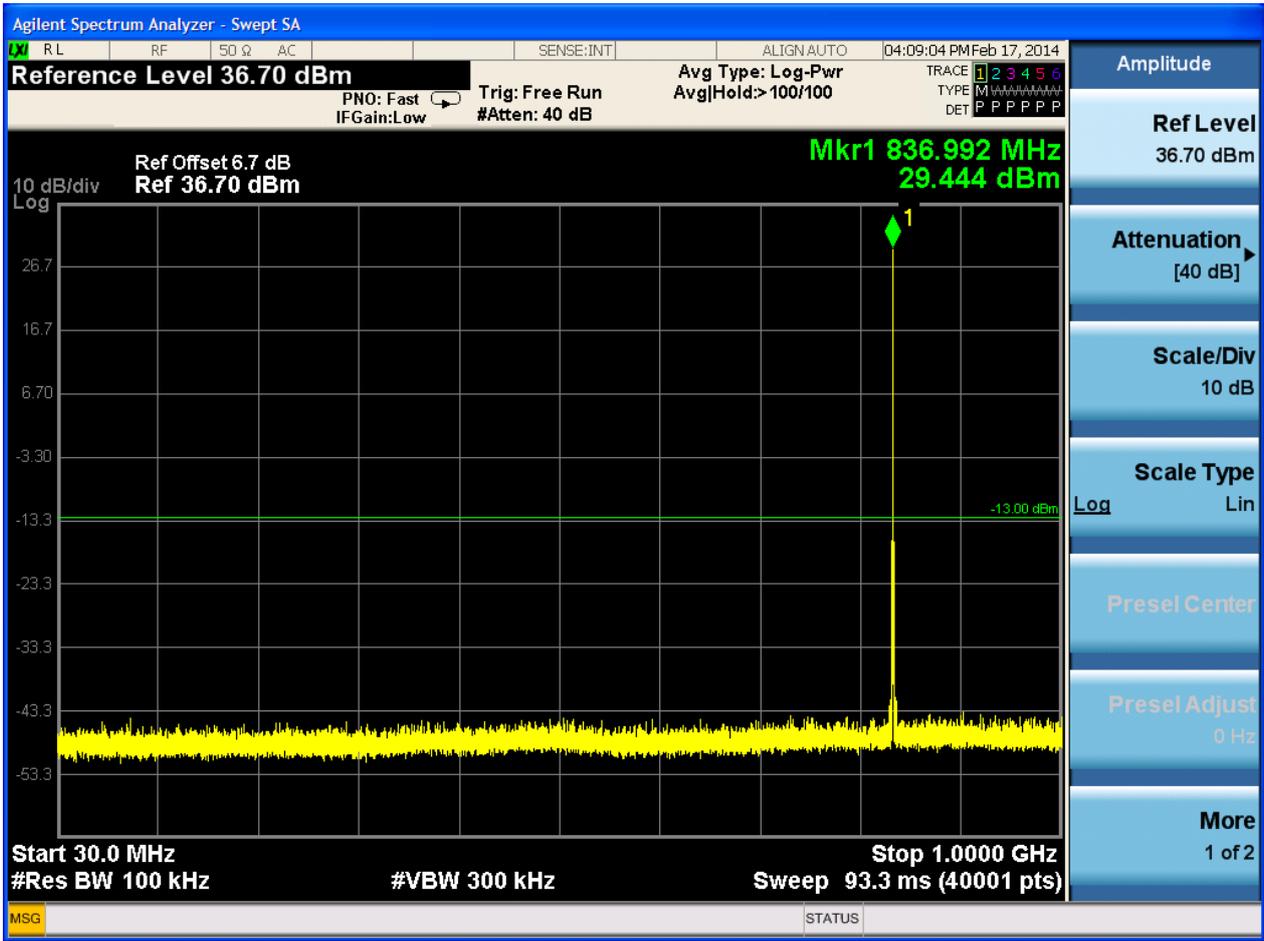
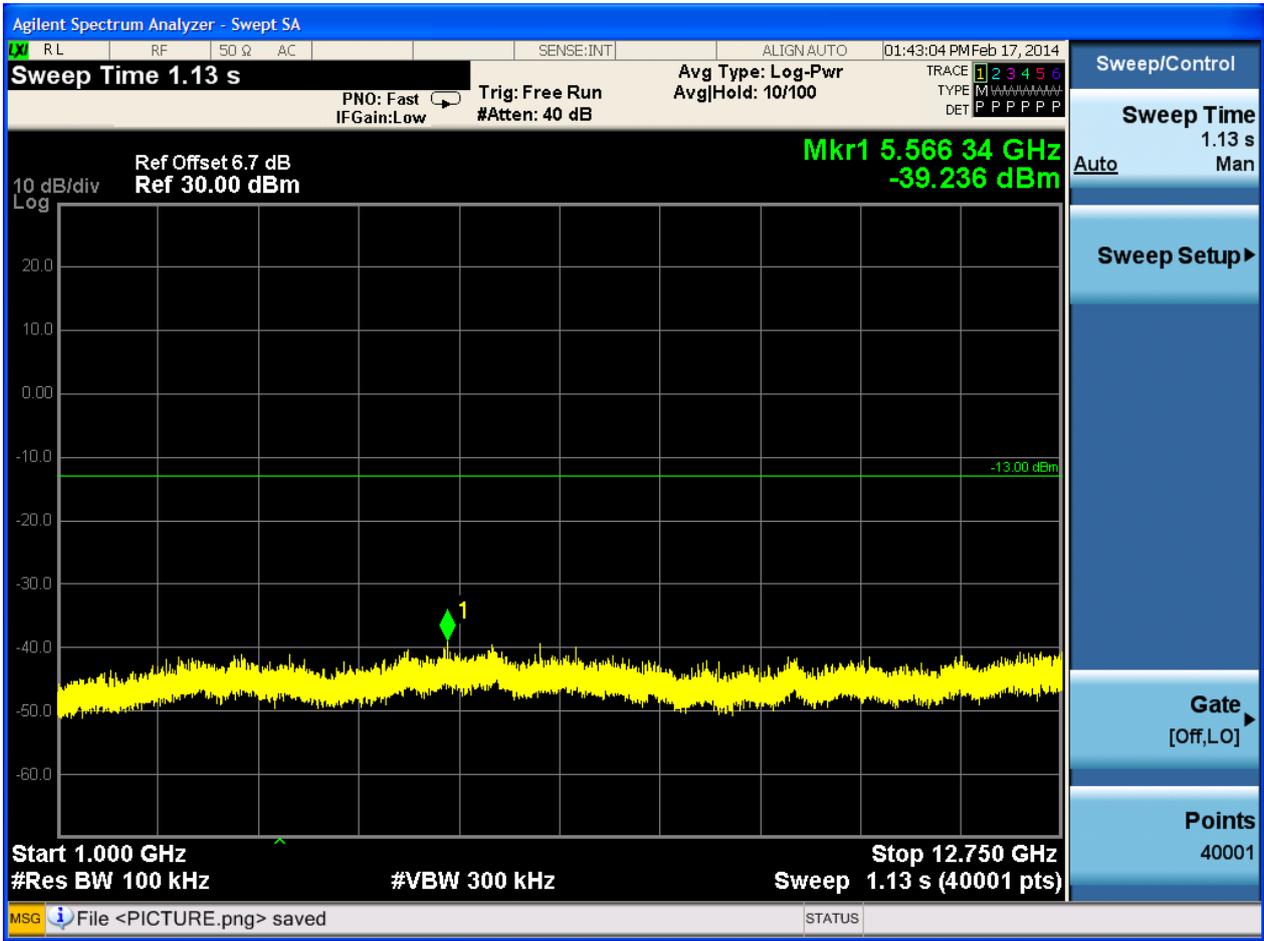


6.1.1.2.3 Test Channel = HCH









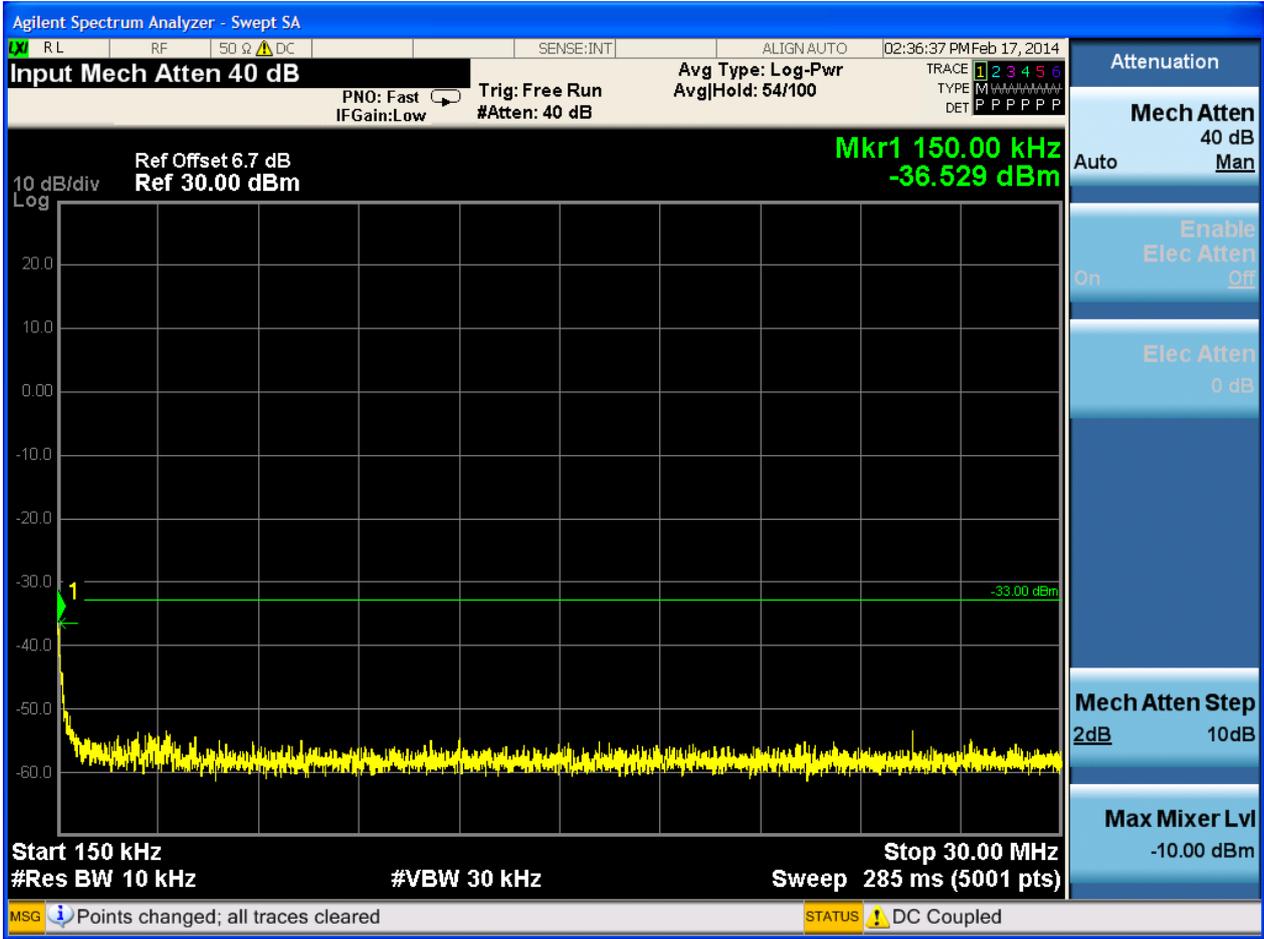


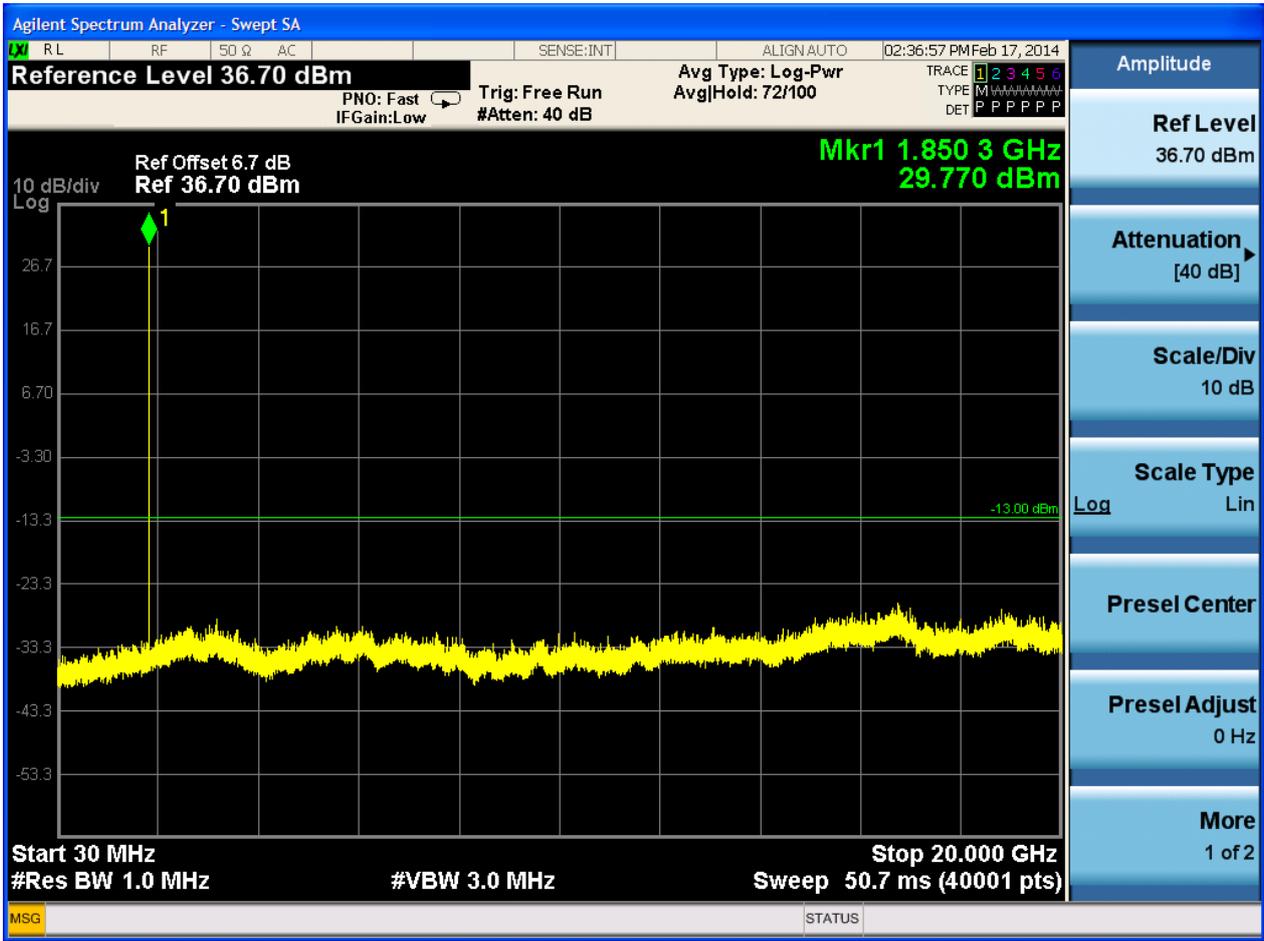
6.1.3 Test Band = GSM1900

6.1.3.1 Test Mode = GSM/TM1

6.1.3.1.1 Test Channel = LCH

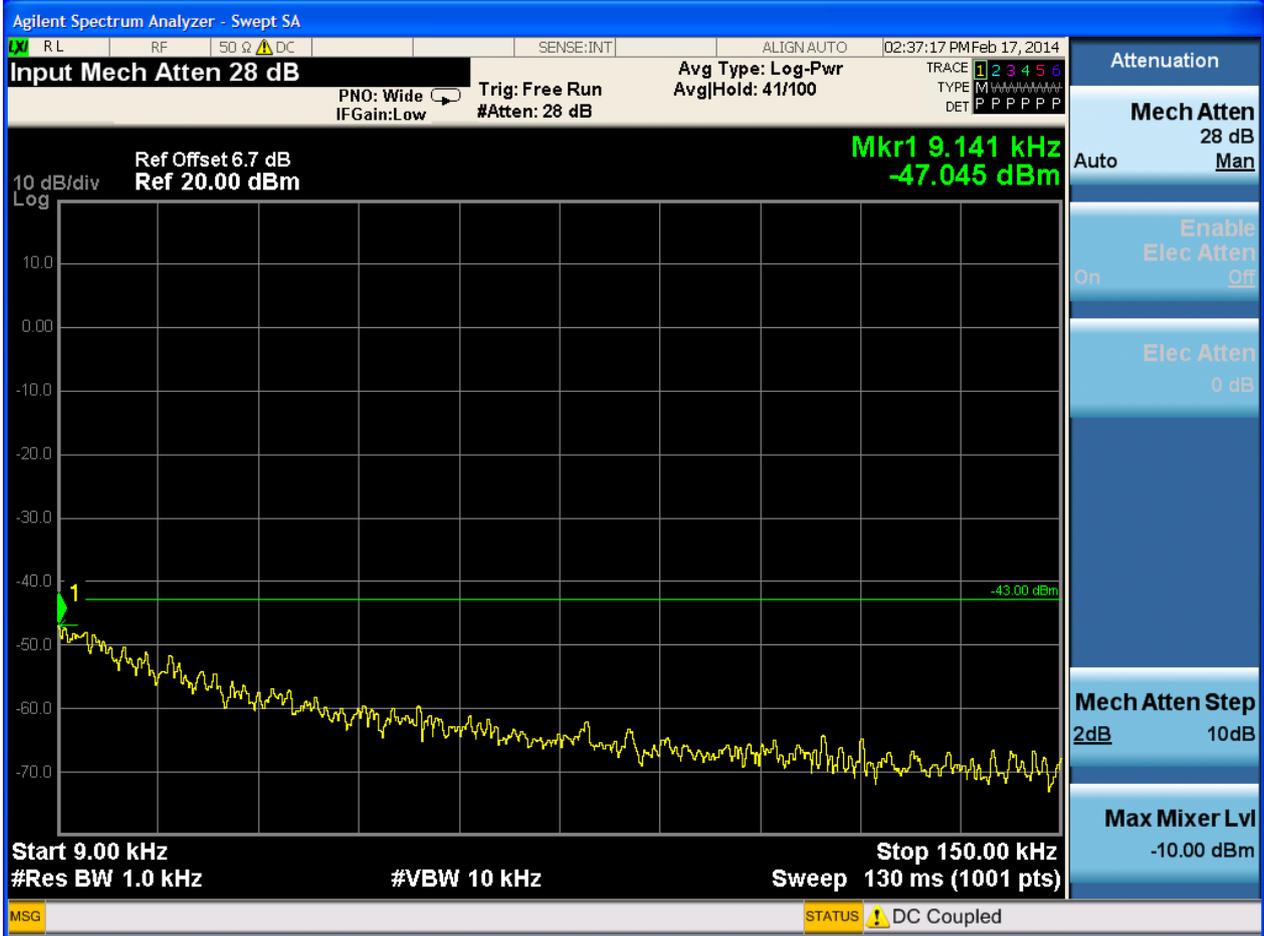


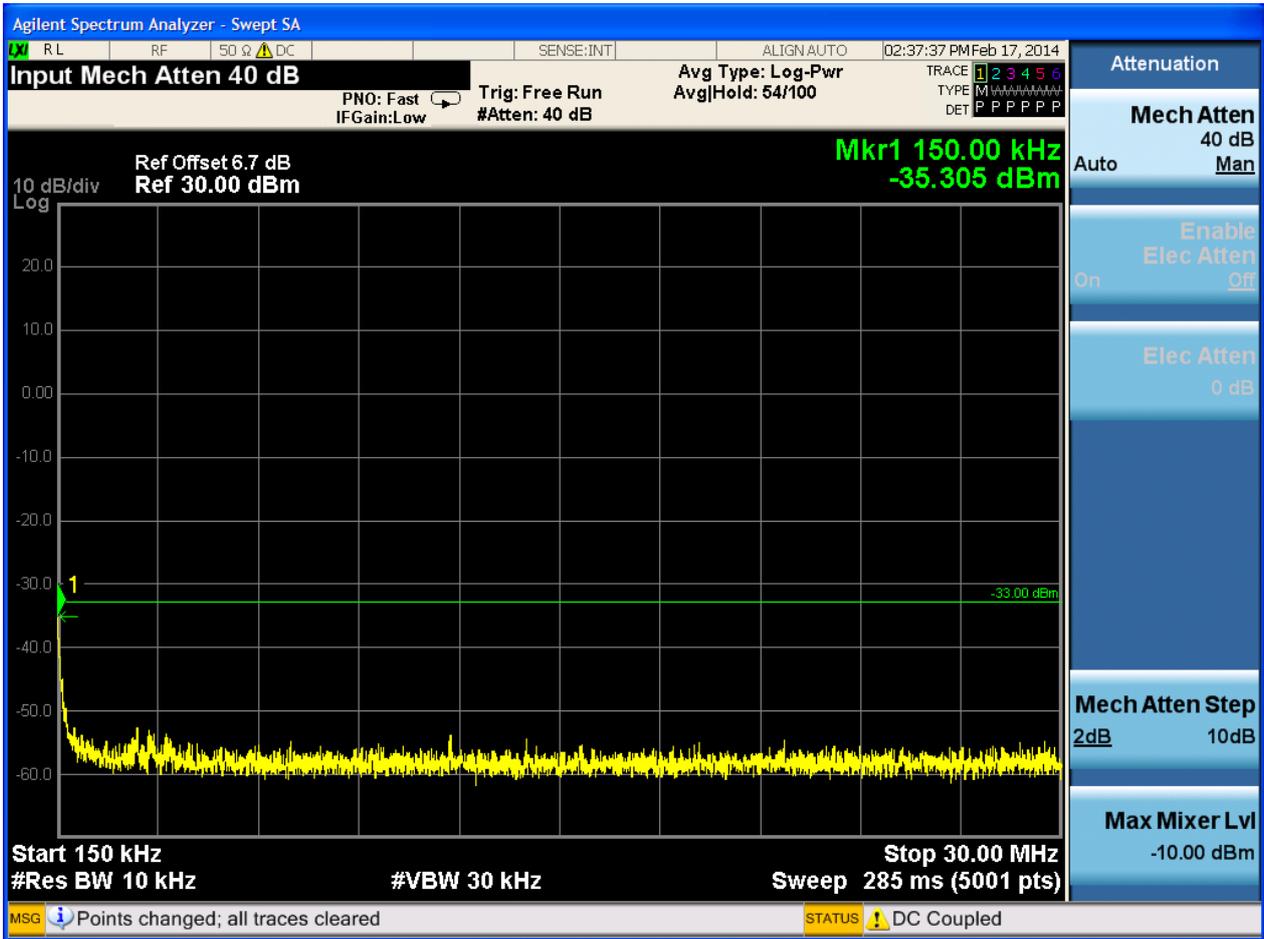


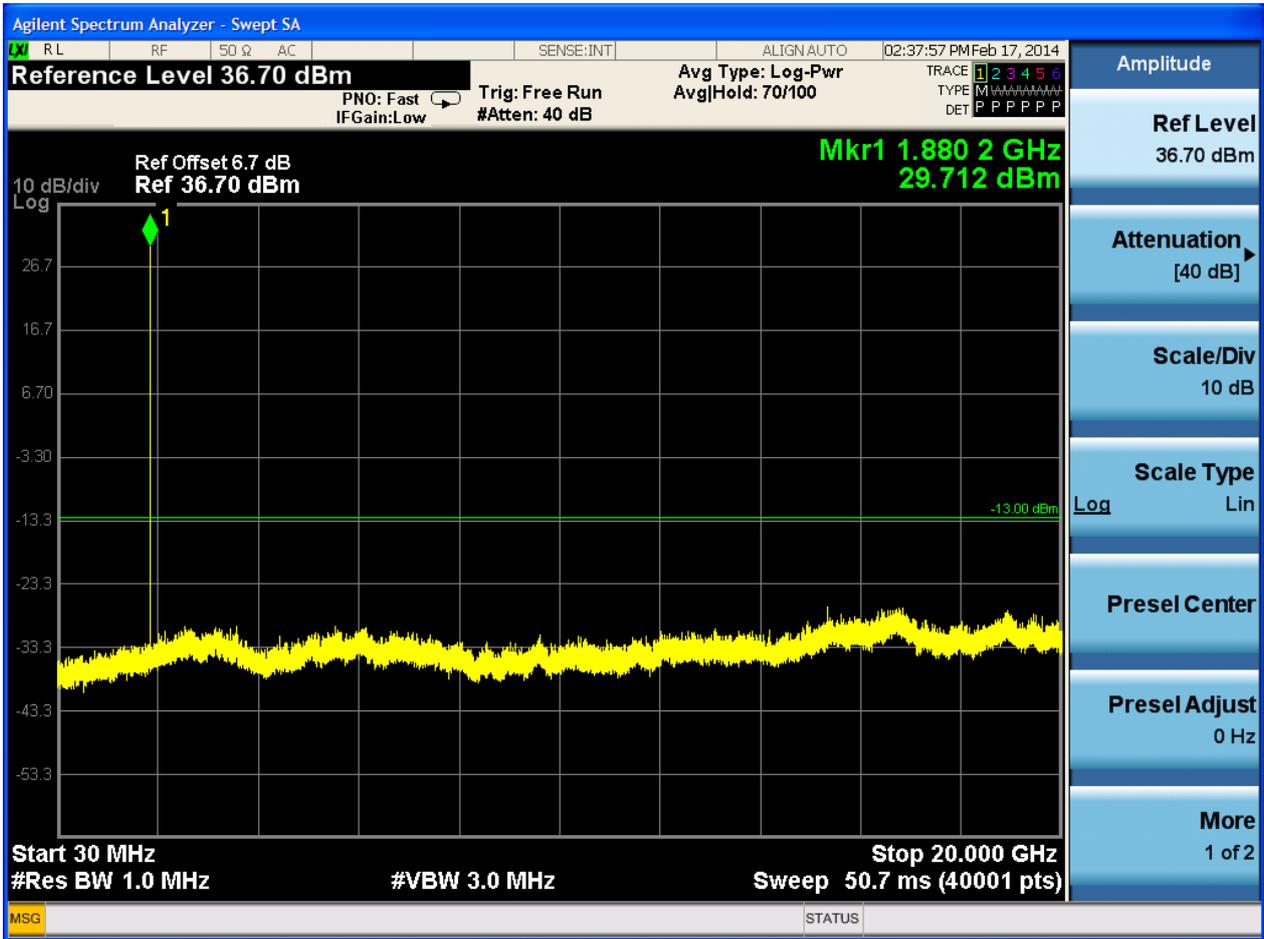




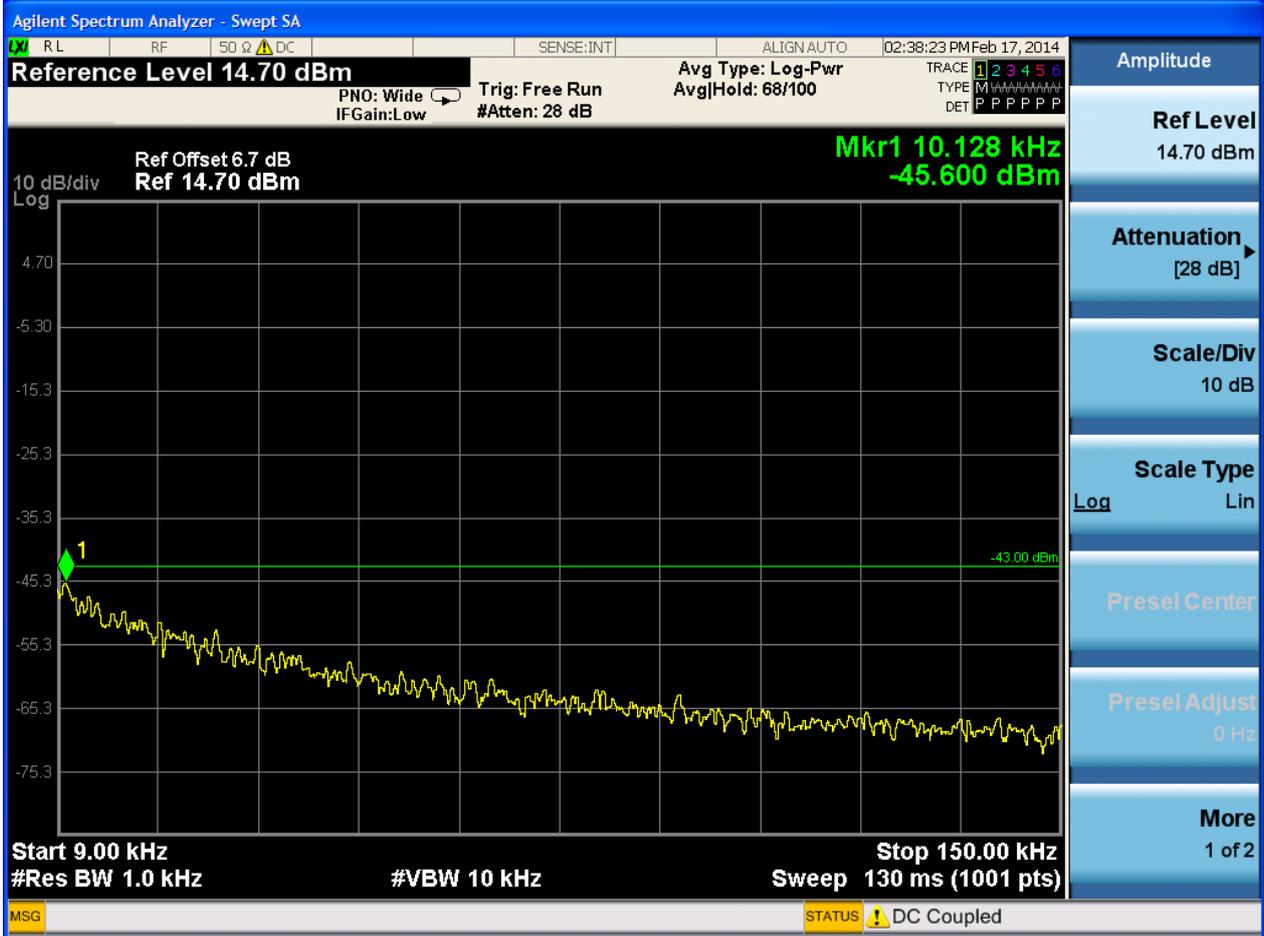
6.1.3.1.2 Test Channel = MCH

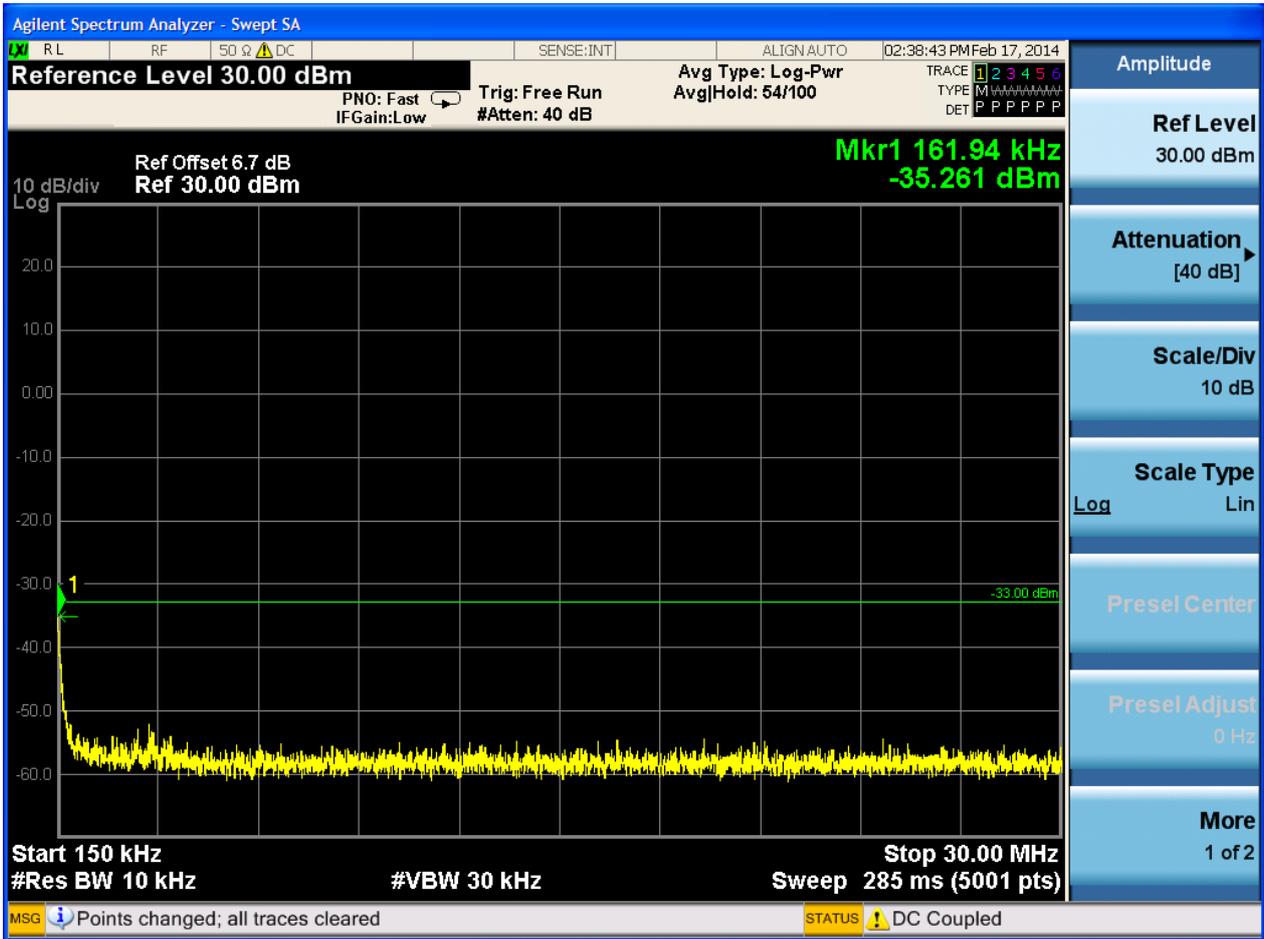


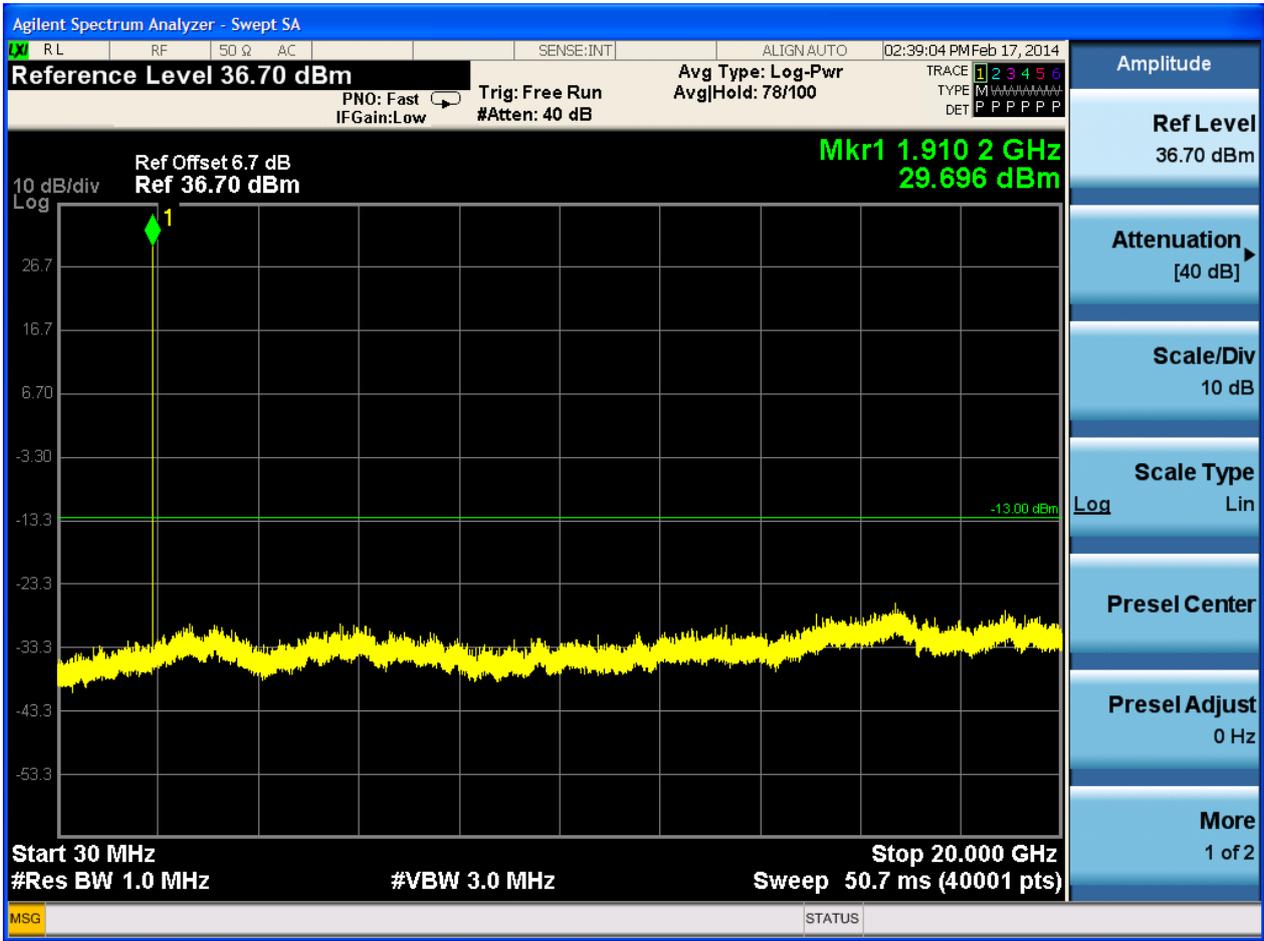




6.1.3.1.3 Test Channel = HCH





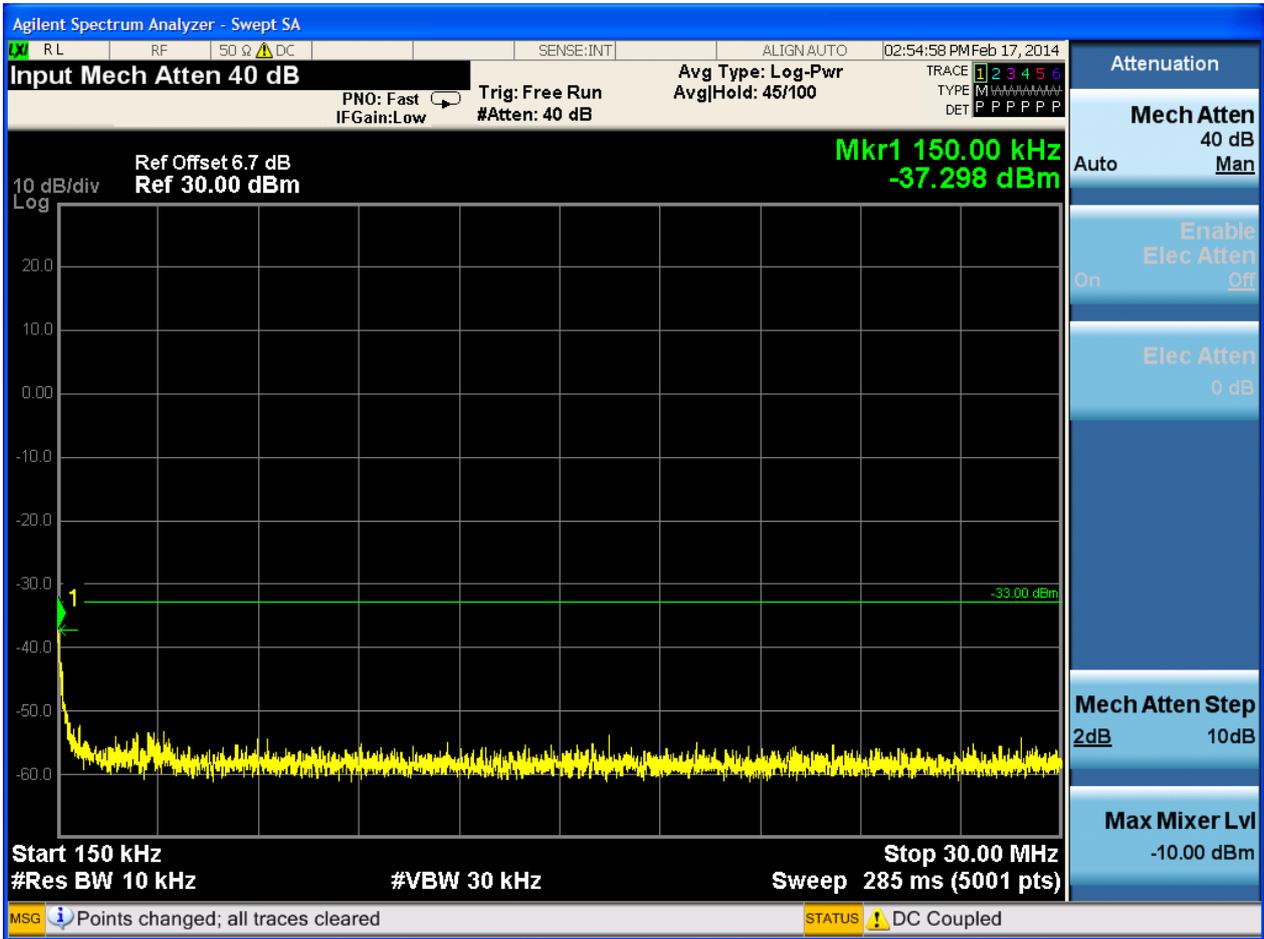


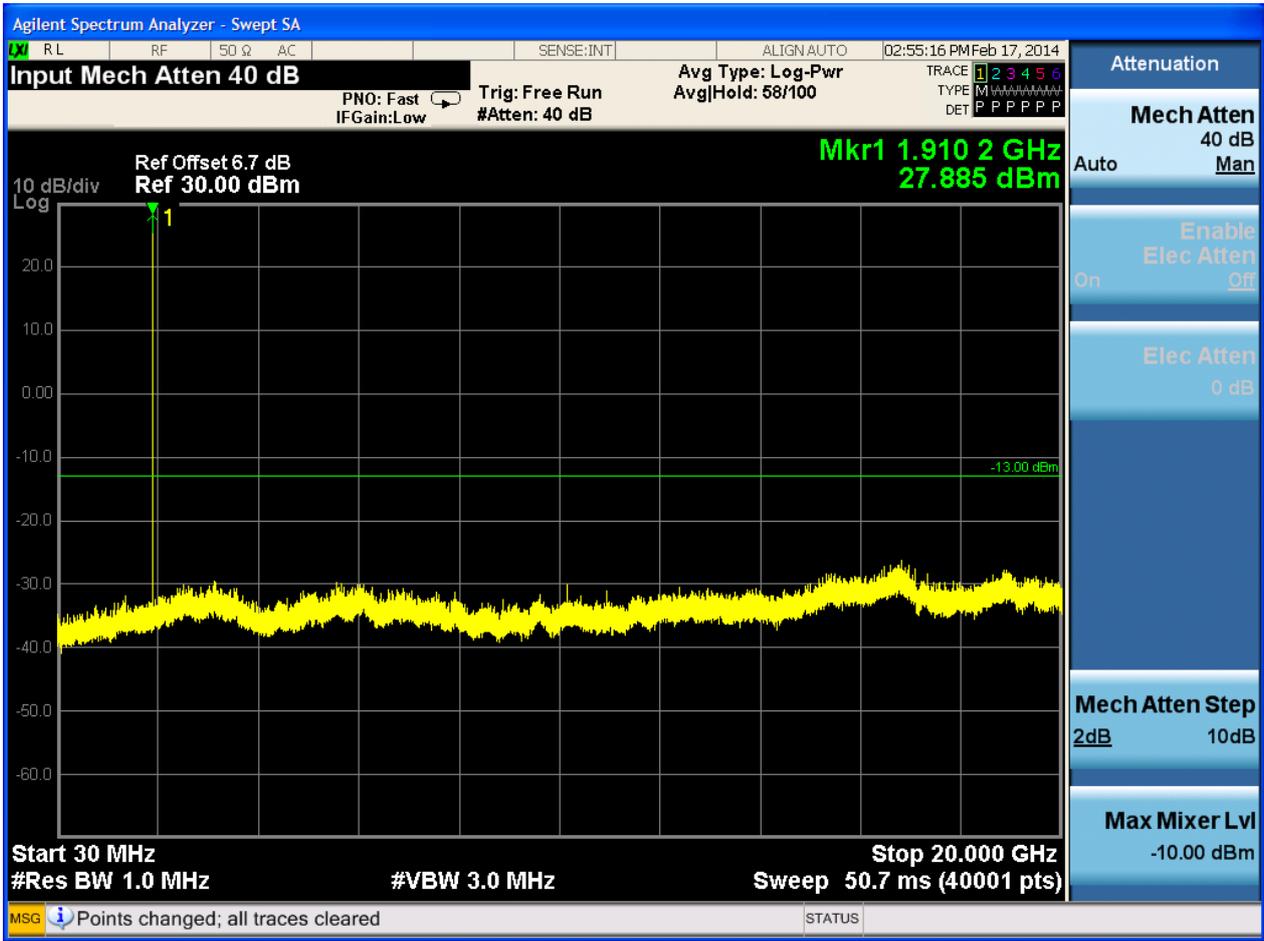


6.1.3.2 Test Mode = GSM/TM2

6.1.3.2.1 Test Channel = LCH

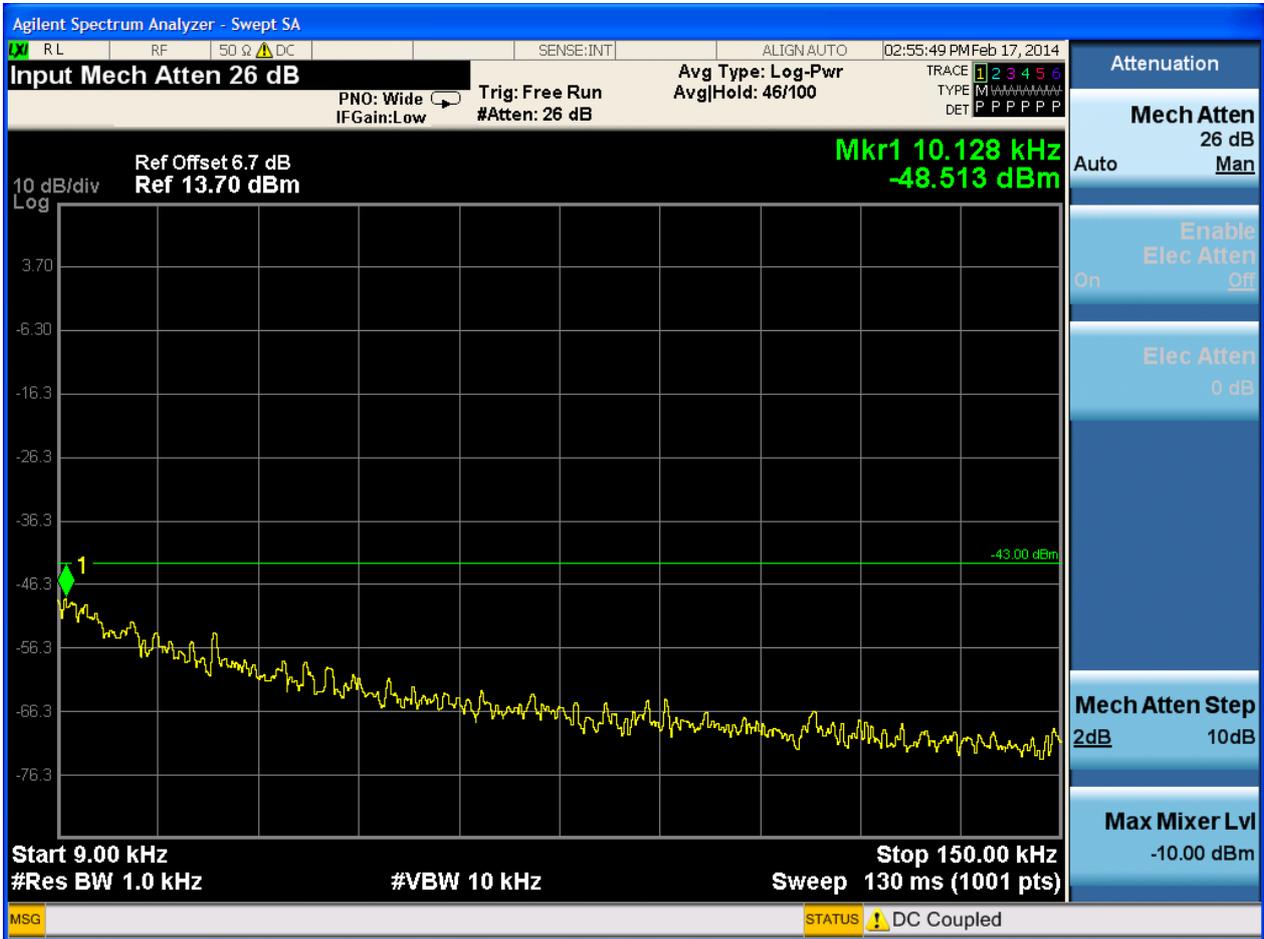


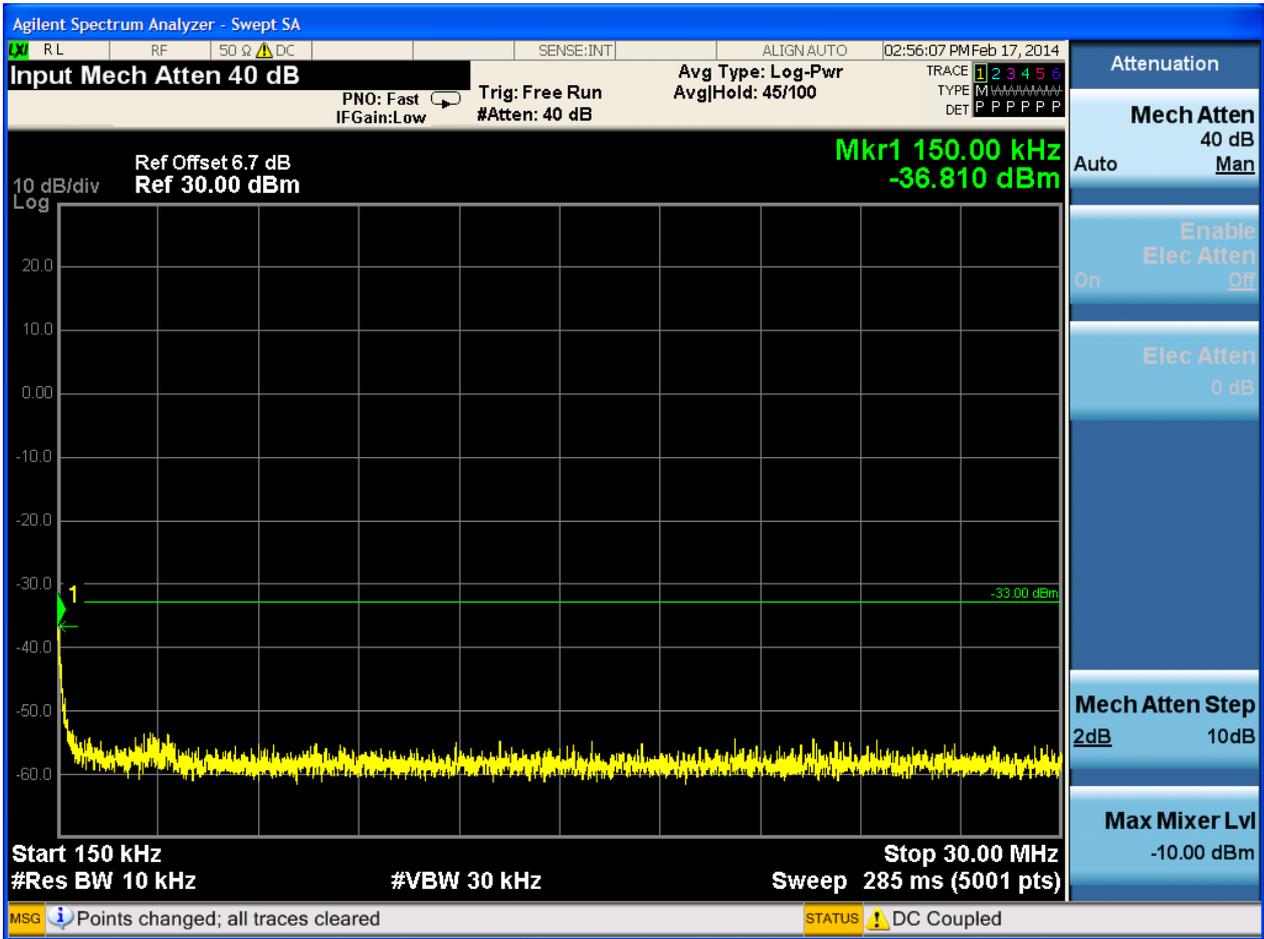


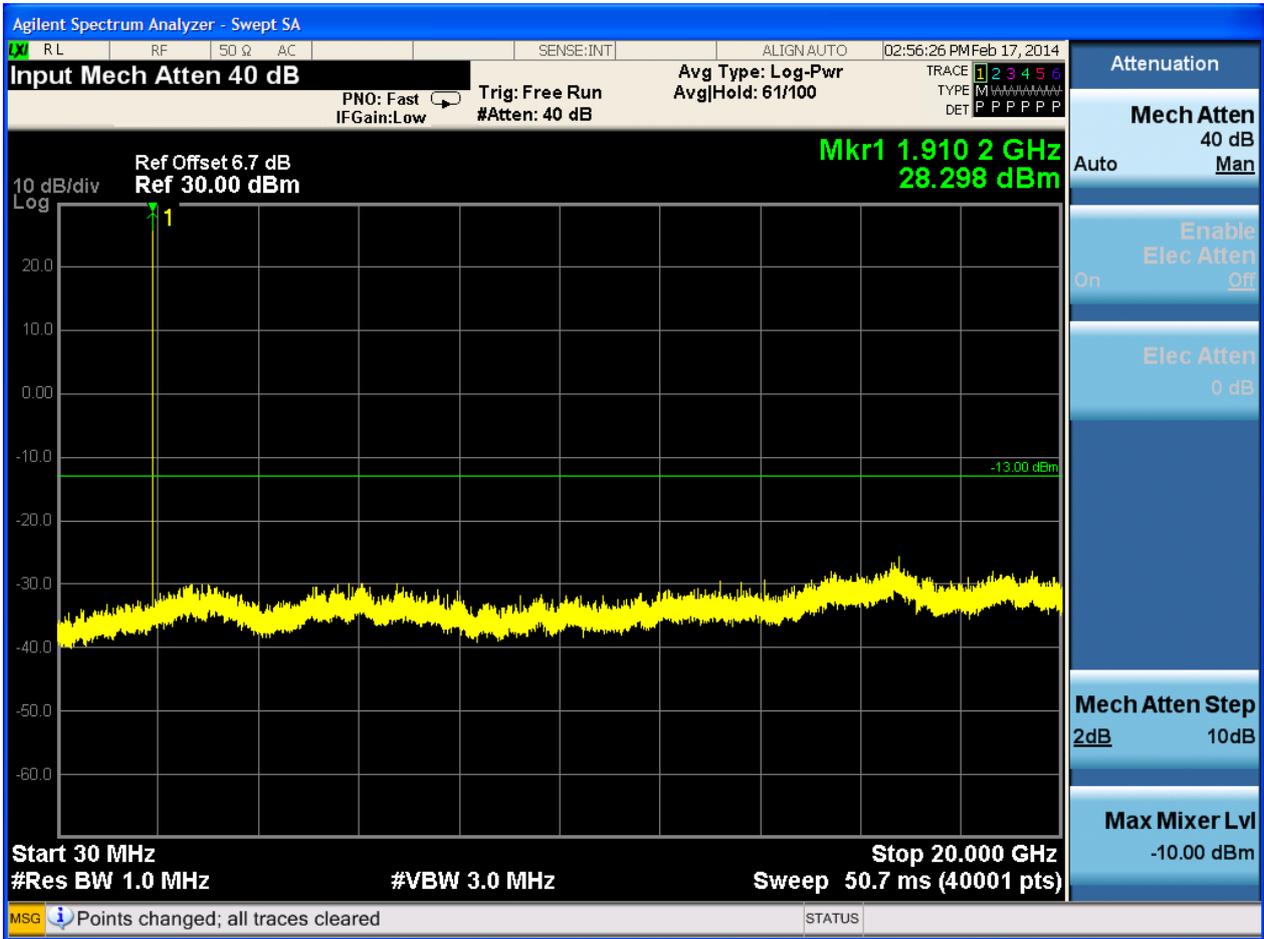




6.1.3.2.2 Test Channel = MCH

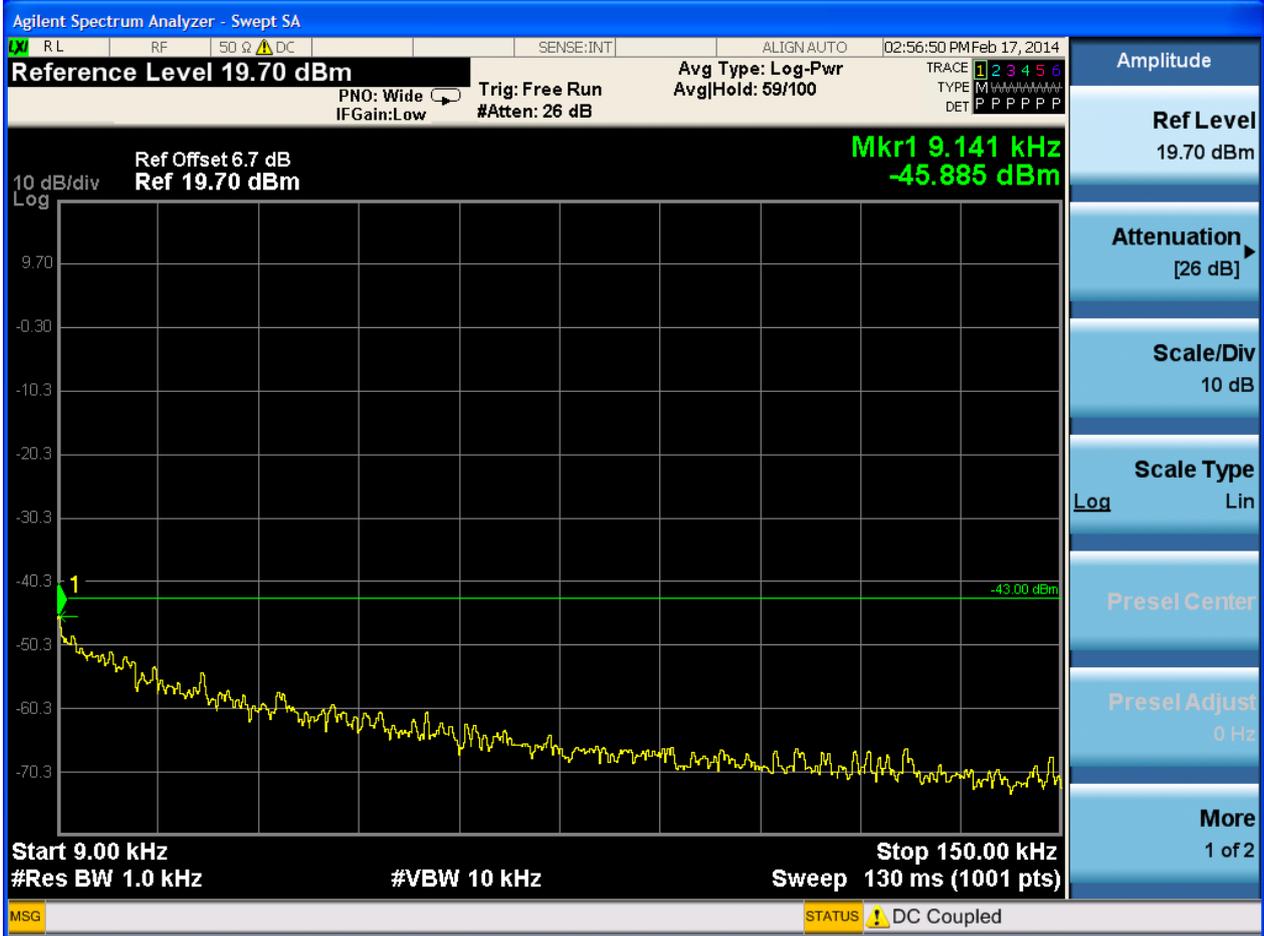


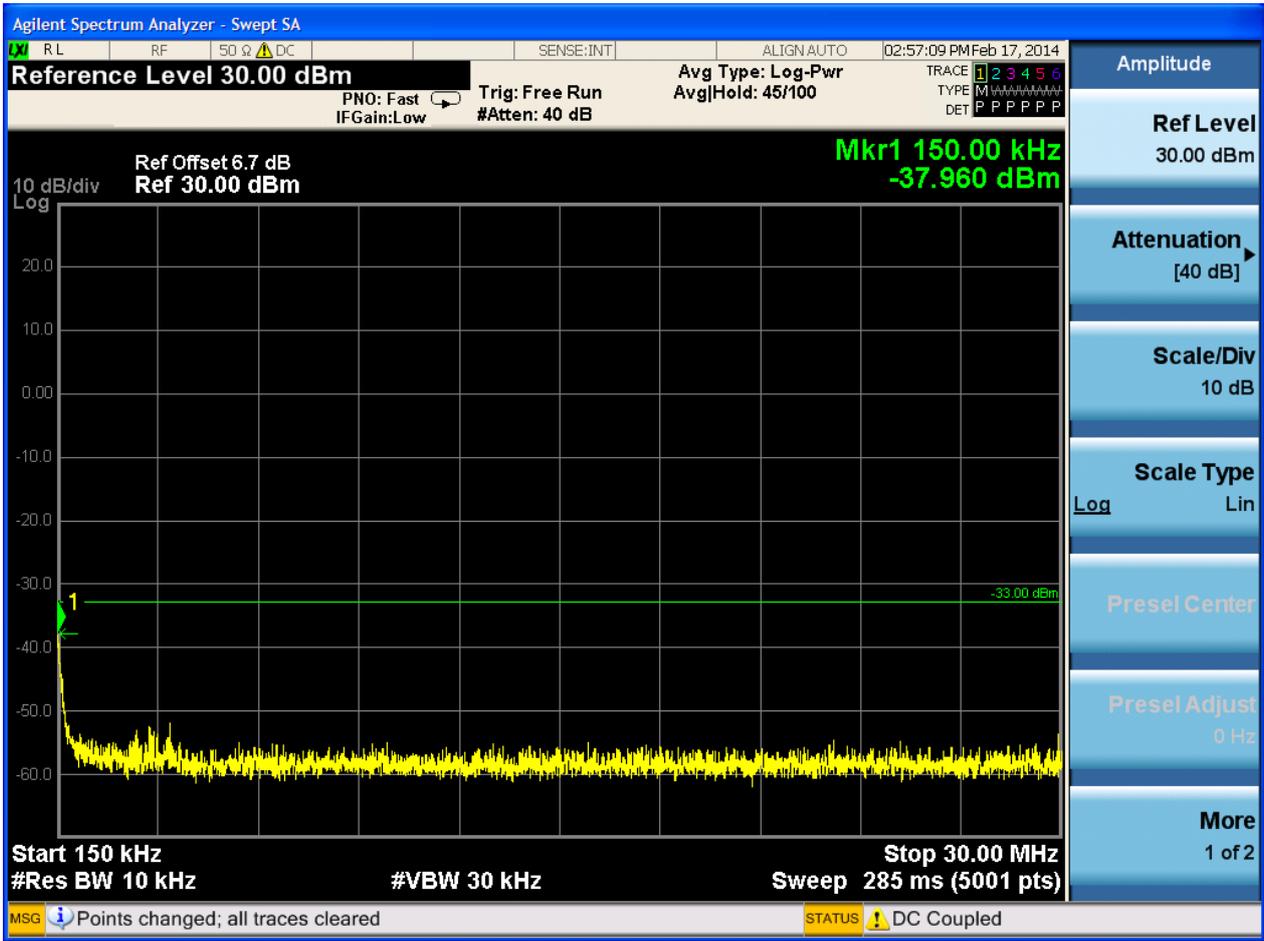






6.1.3.2.3 Test Channel = HCH







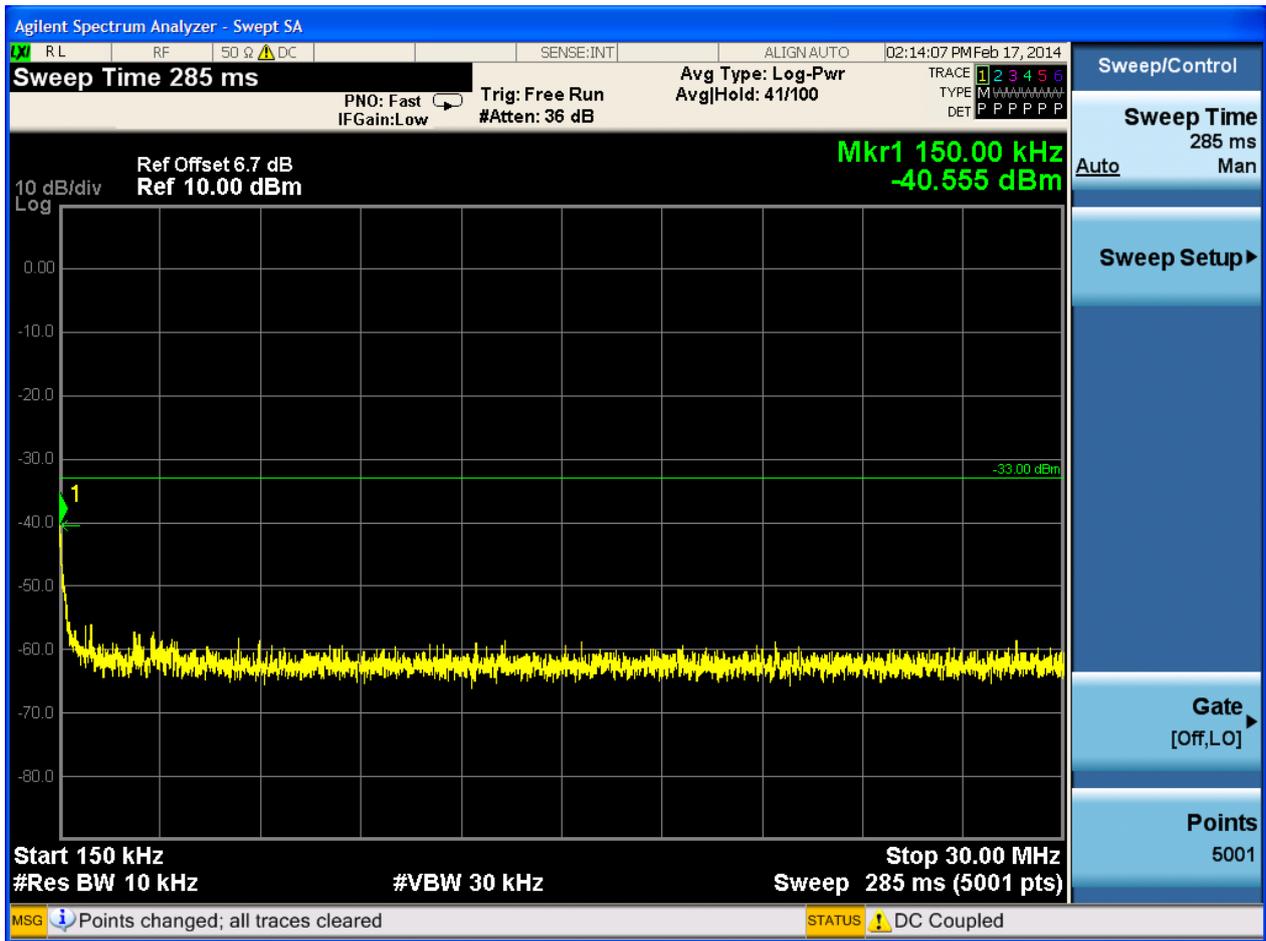
6.2 For UMTS

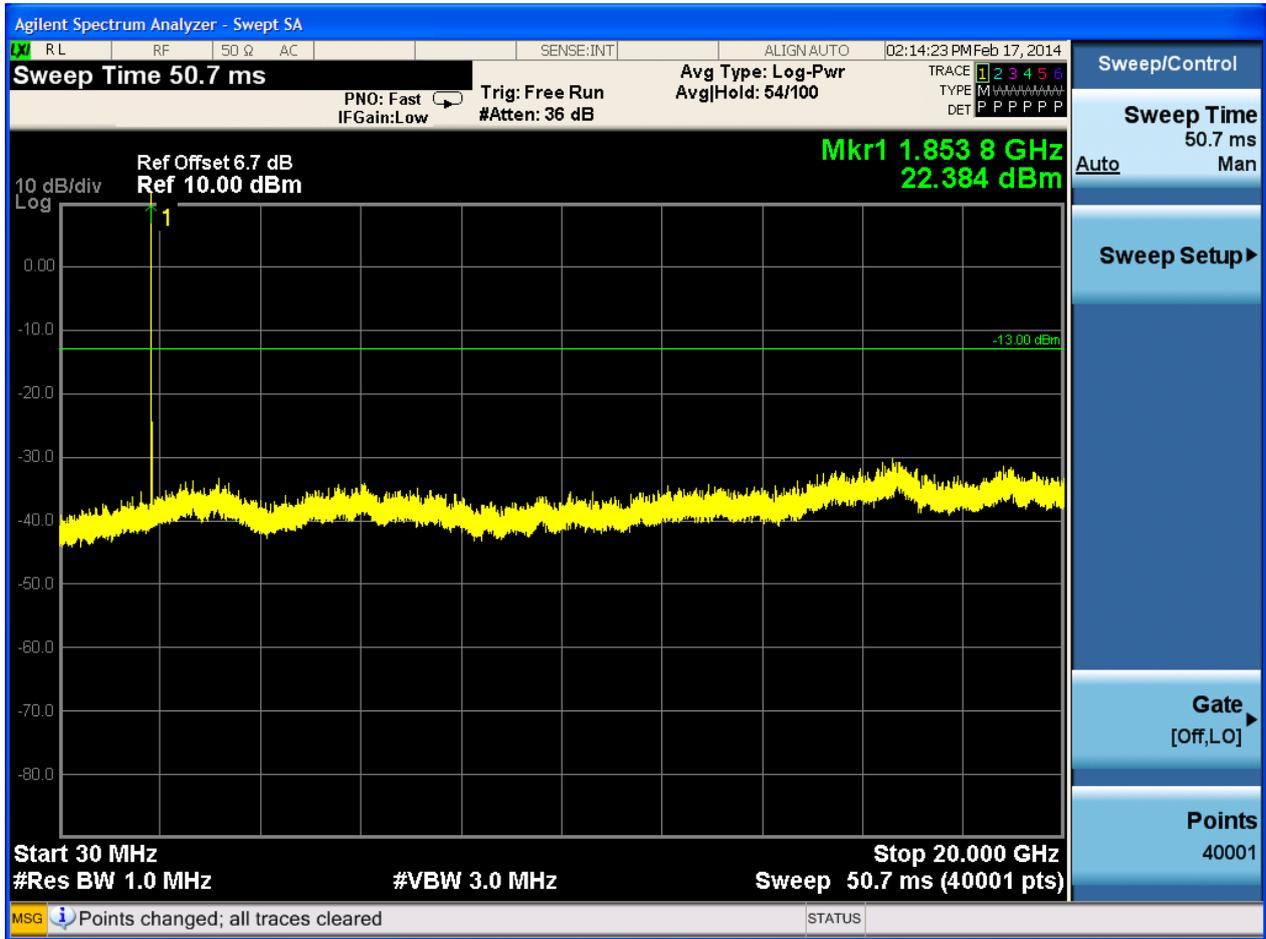
6.2.1 Test Band = WCDMA1900

6.2.1.1 Test Mode = UMTS/TM1

6.2.1.1.1 Test Channel = LCH



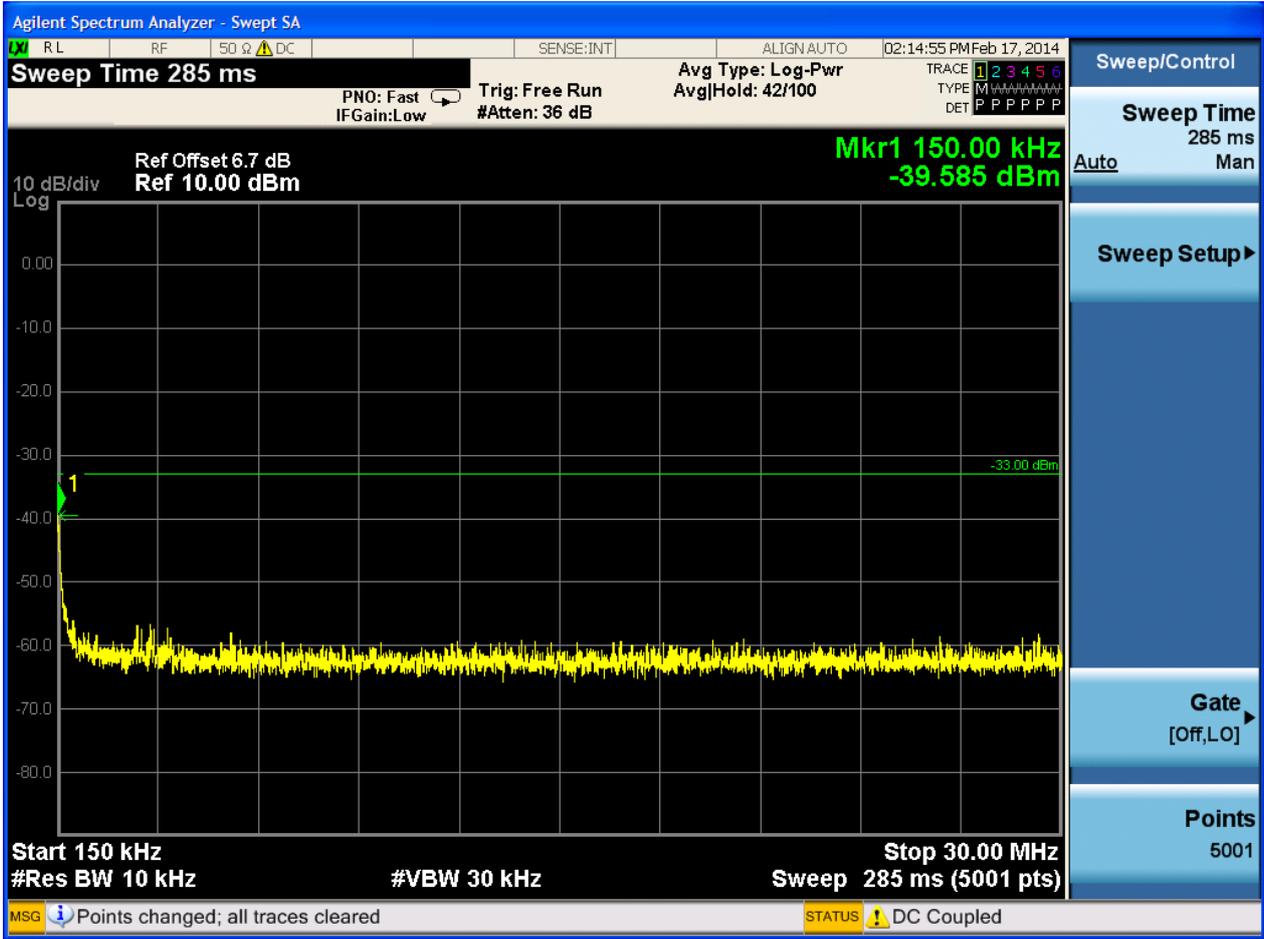


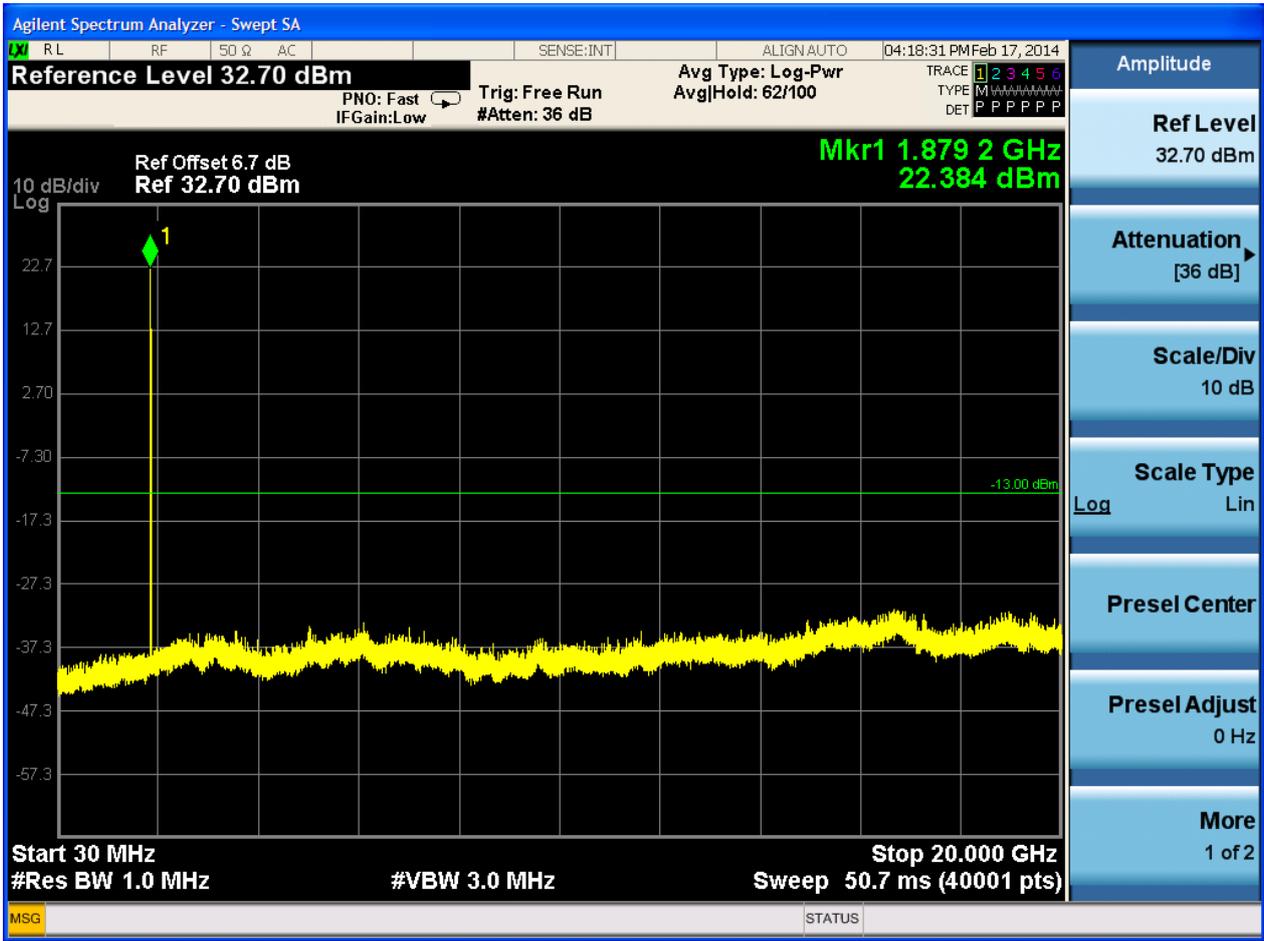




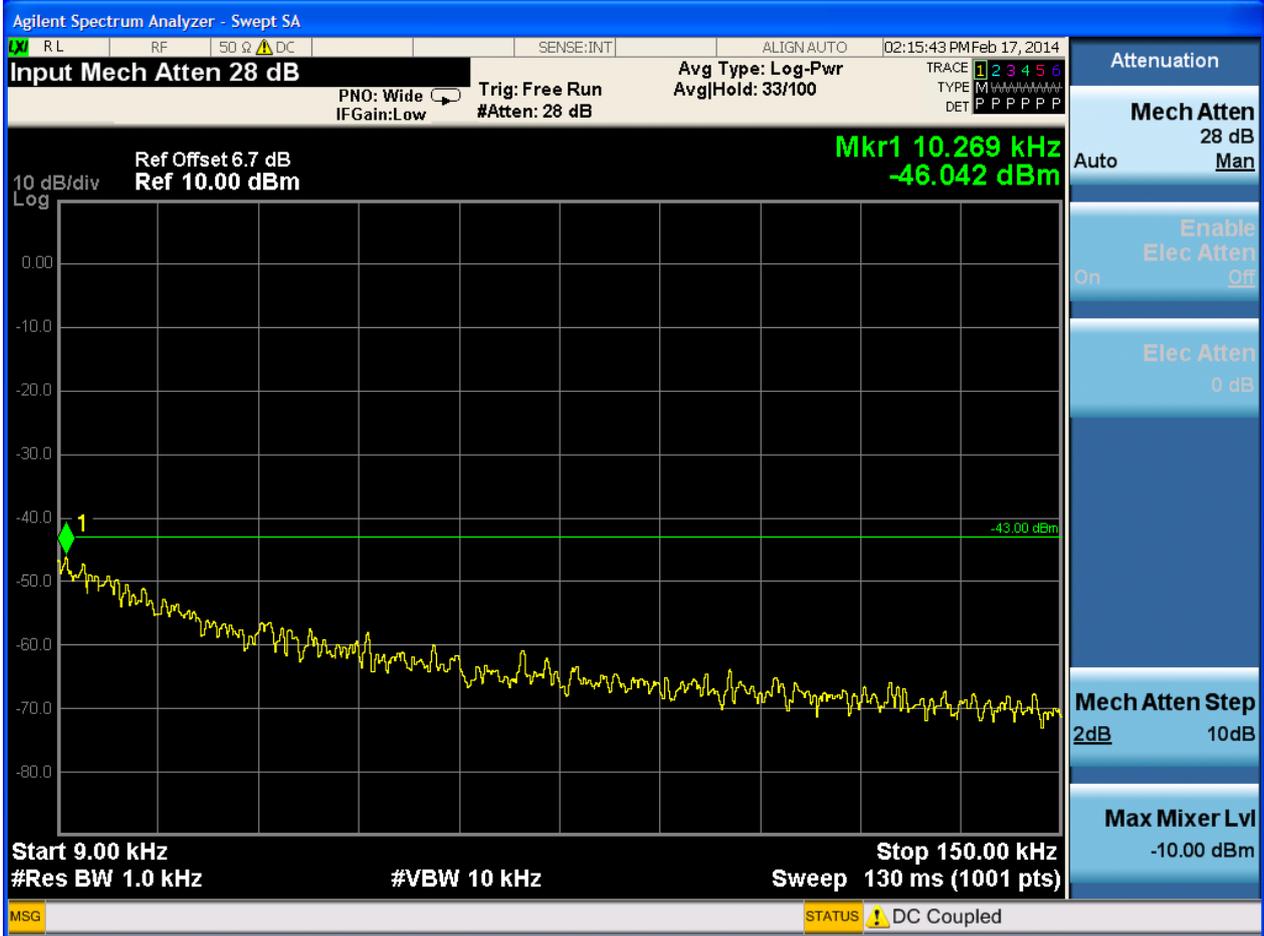
6.2.1.1.2 Test Channel = MCH

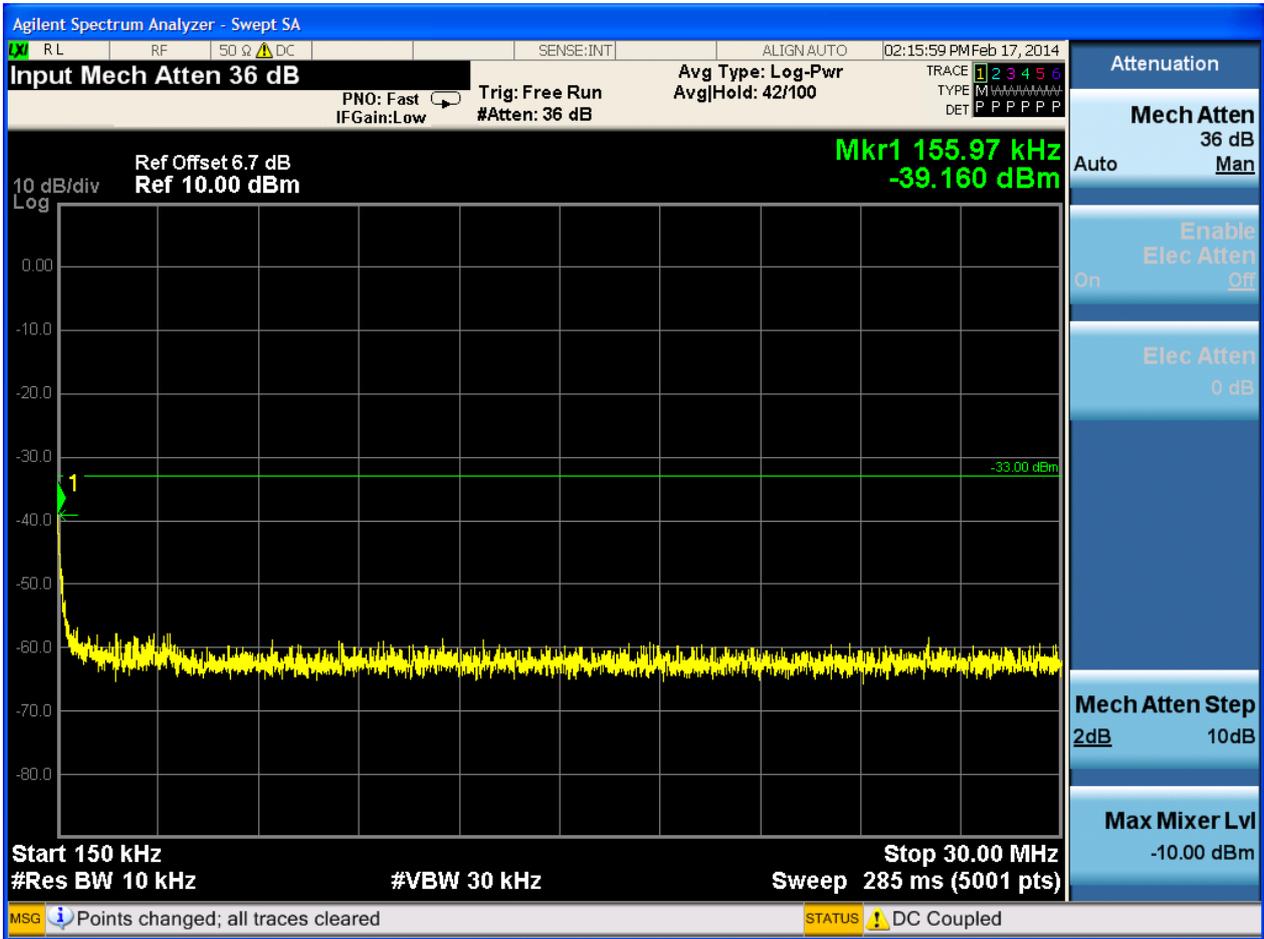


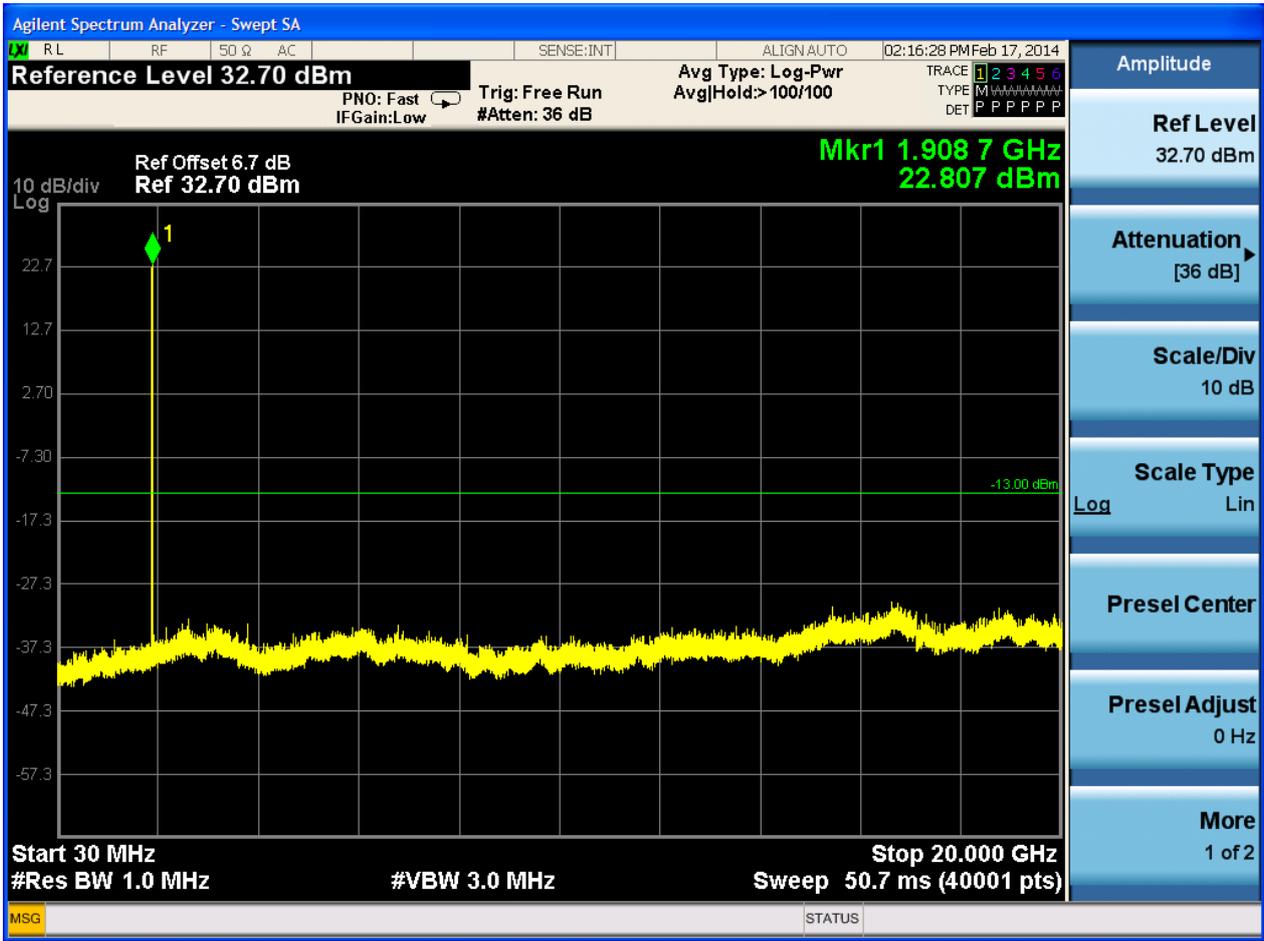




6.2.1.1.3 Test Channel = HCH







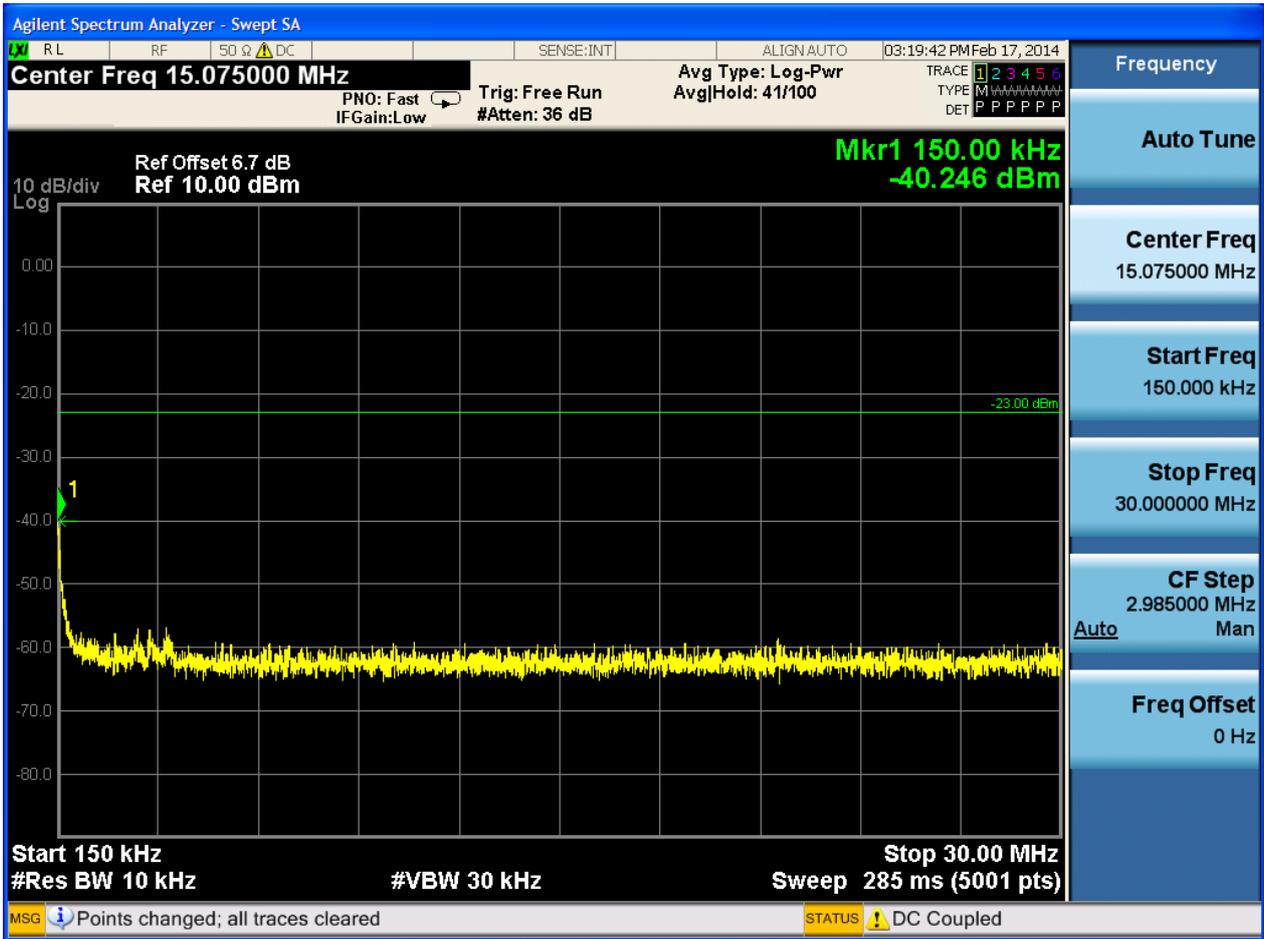


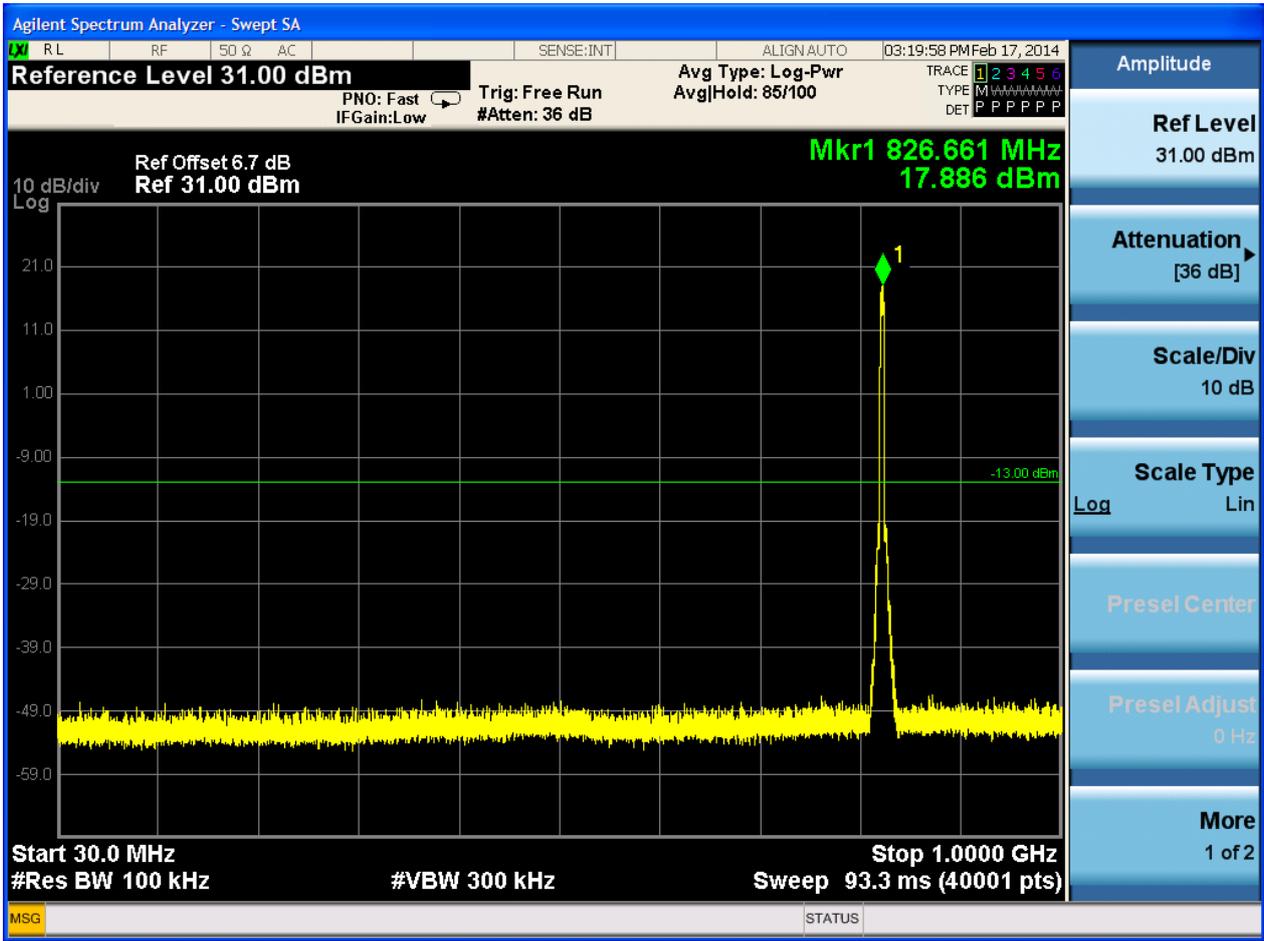
6.2.2 Test Band = WCDMA850

6.2.2.1 Test Mode = UMTS/TM1

6.2.2.1.1 Test Channel = LCH

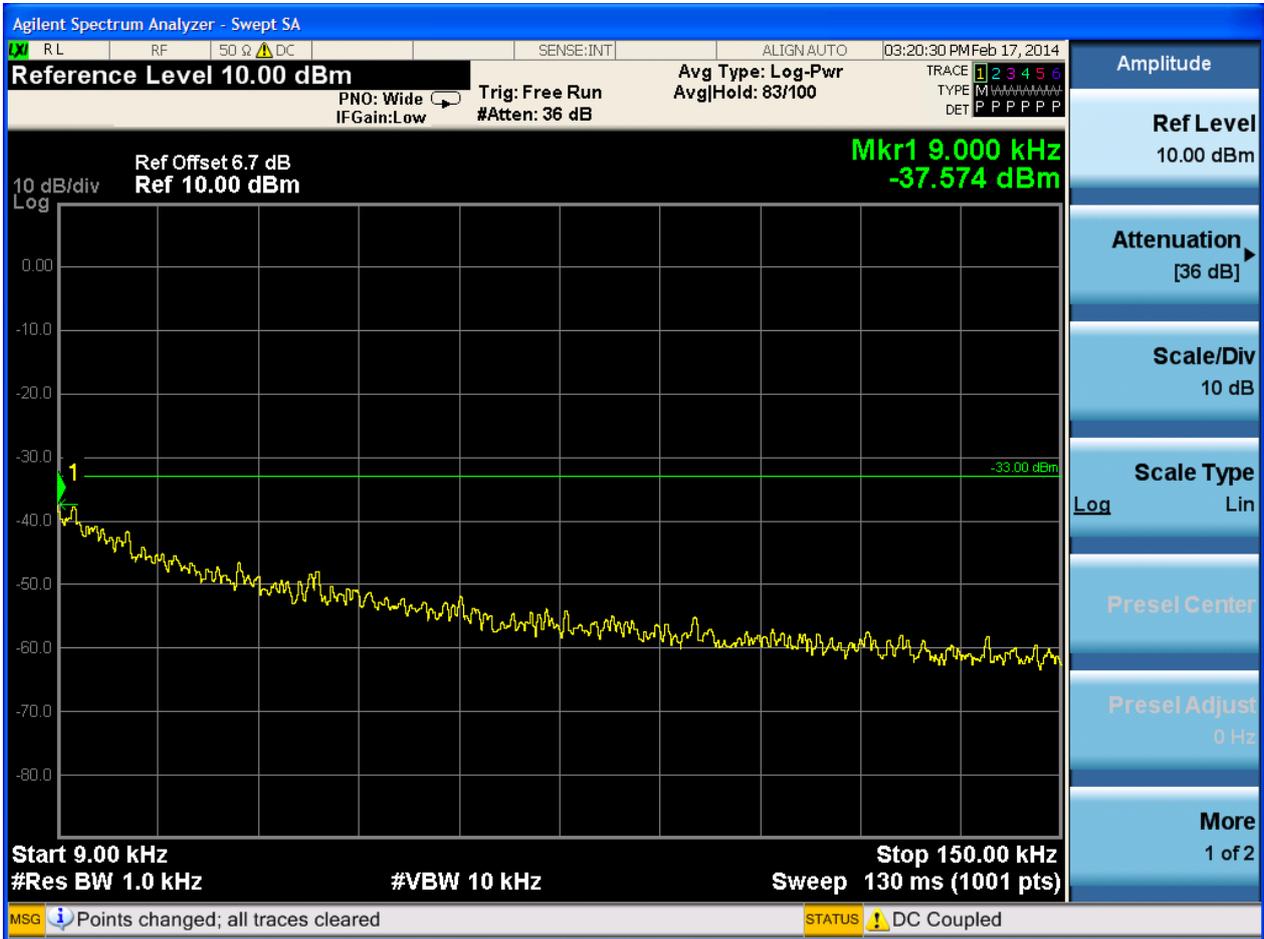


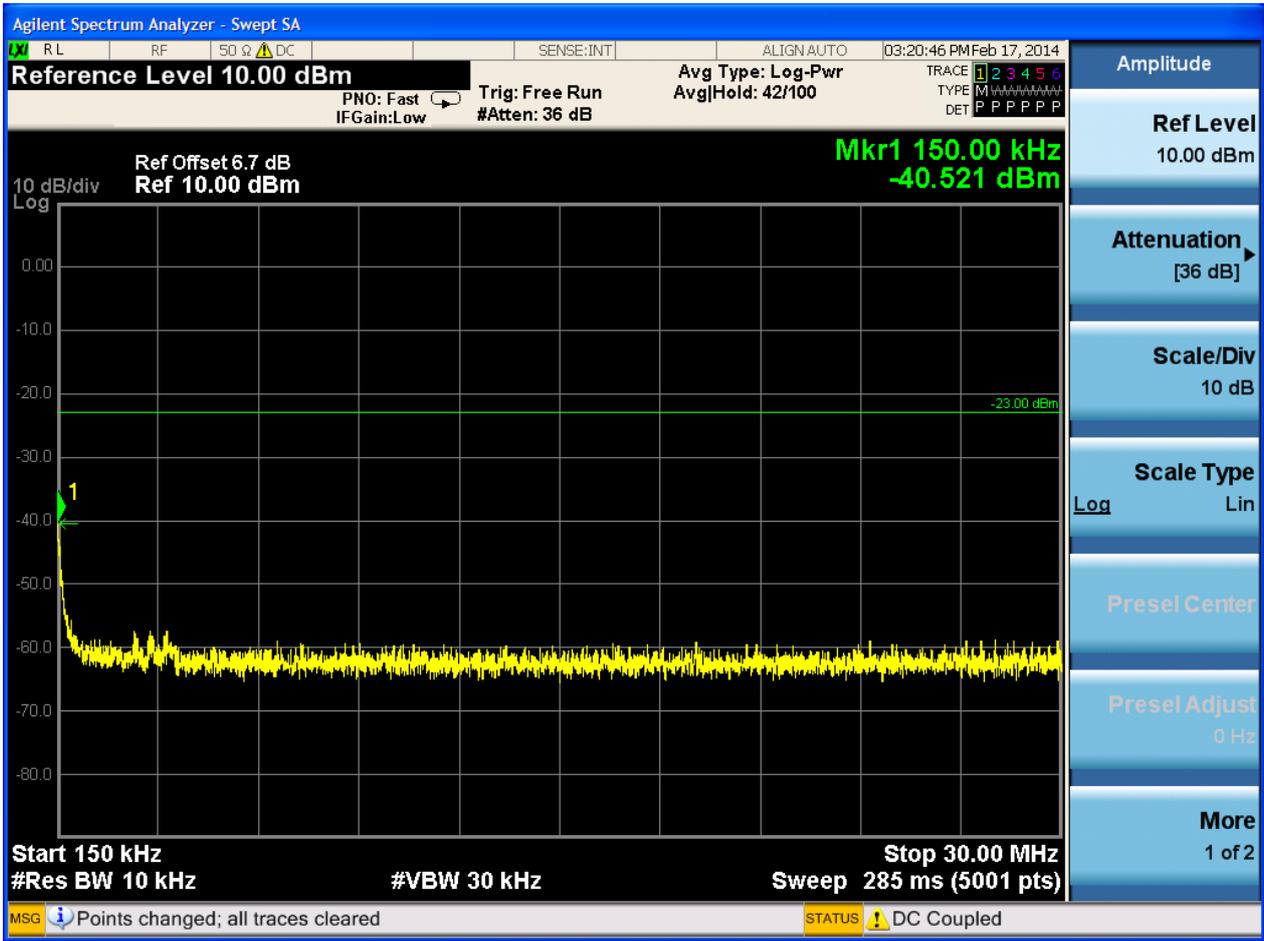


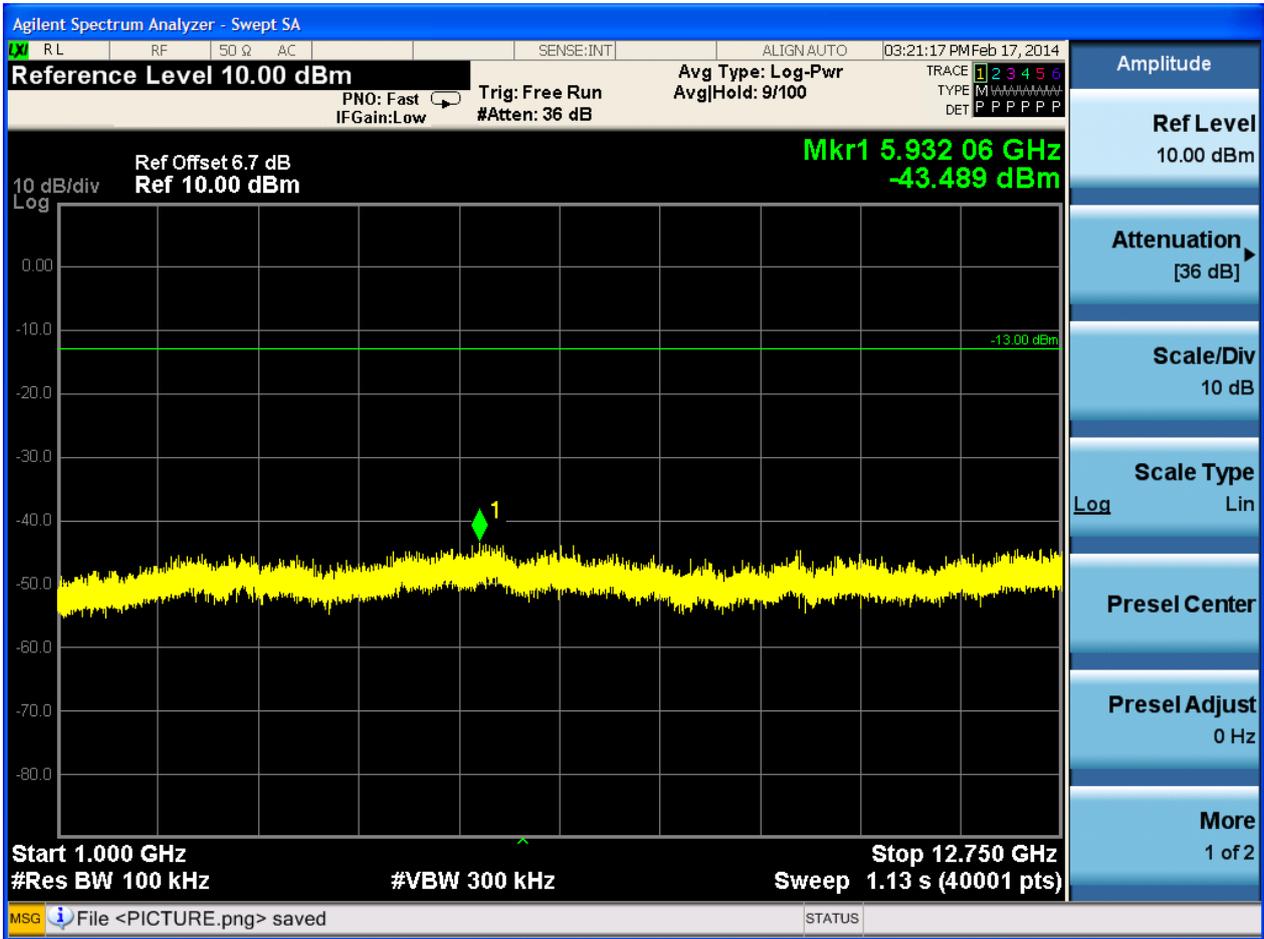


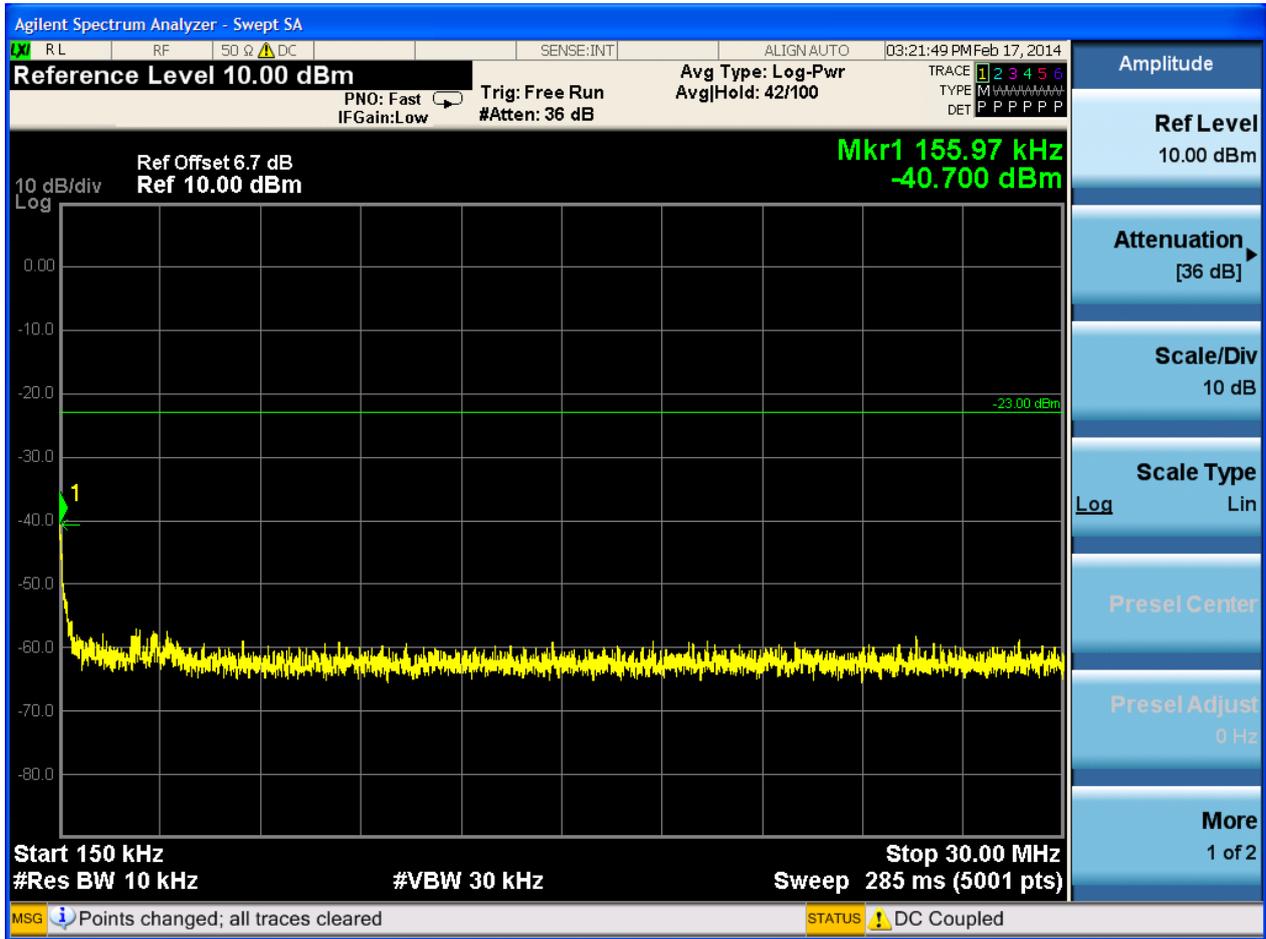


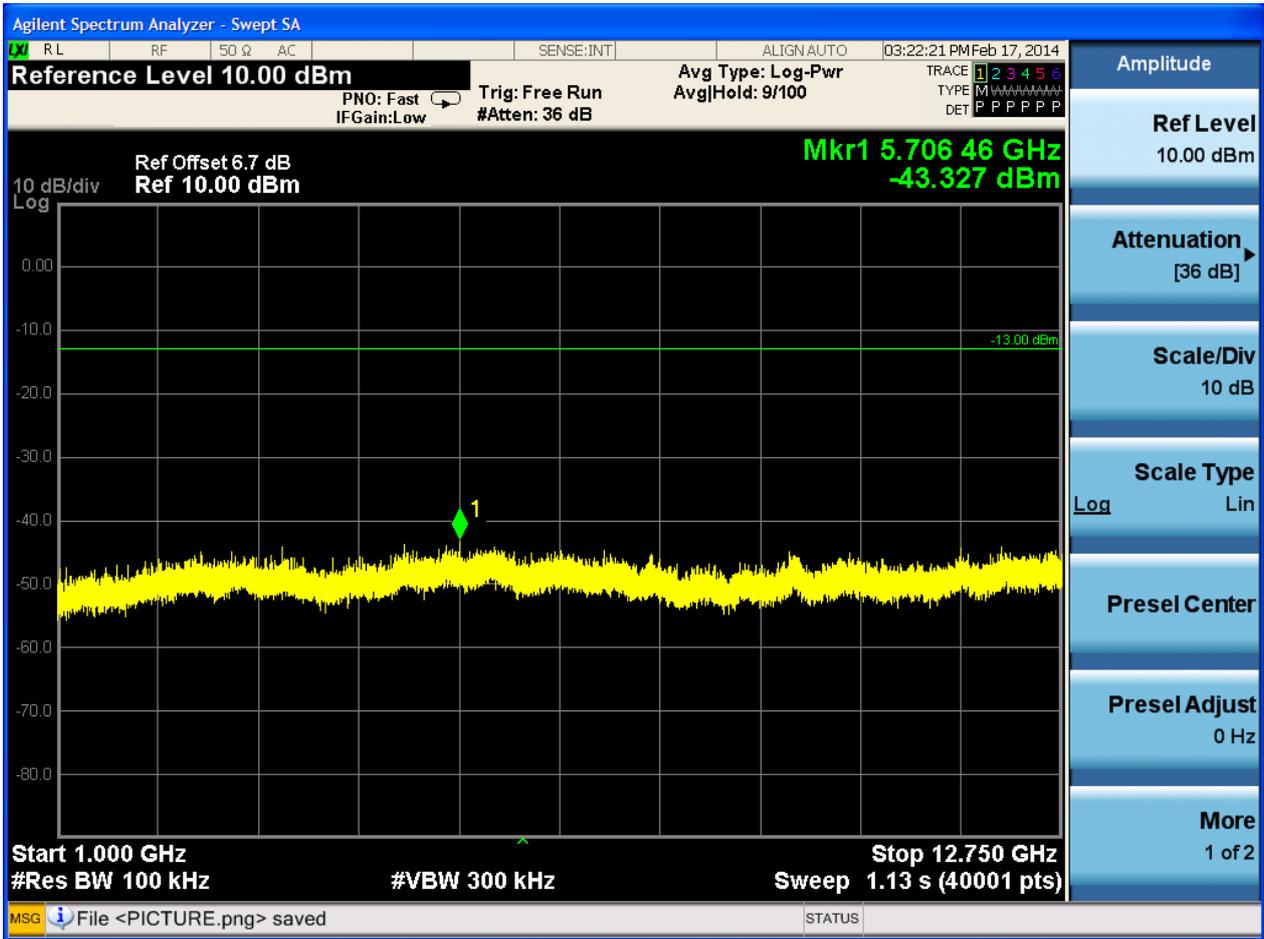
6.2.2.1.2 Test Channel = MCH











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

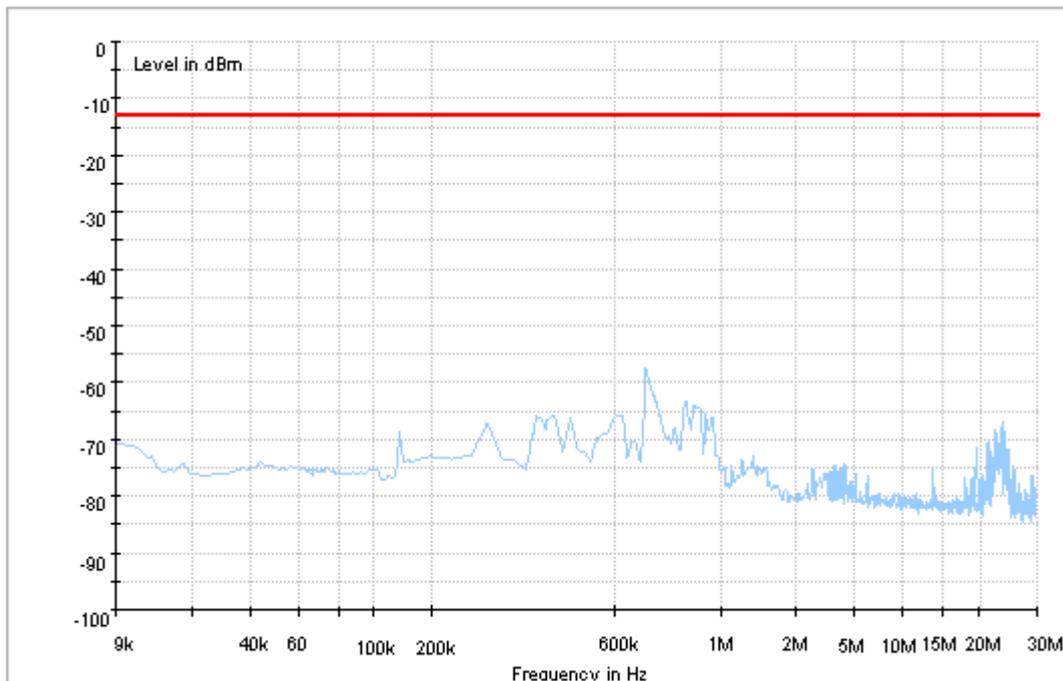
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

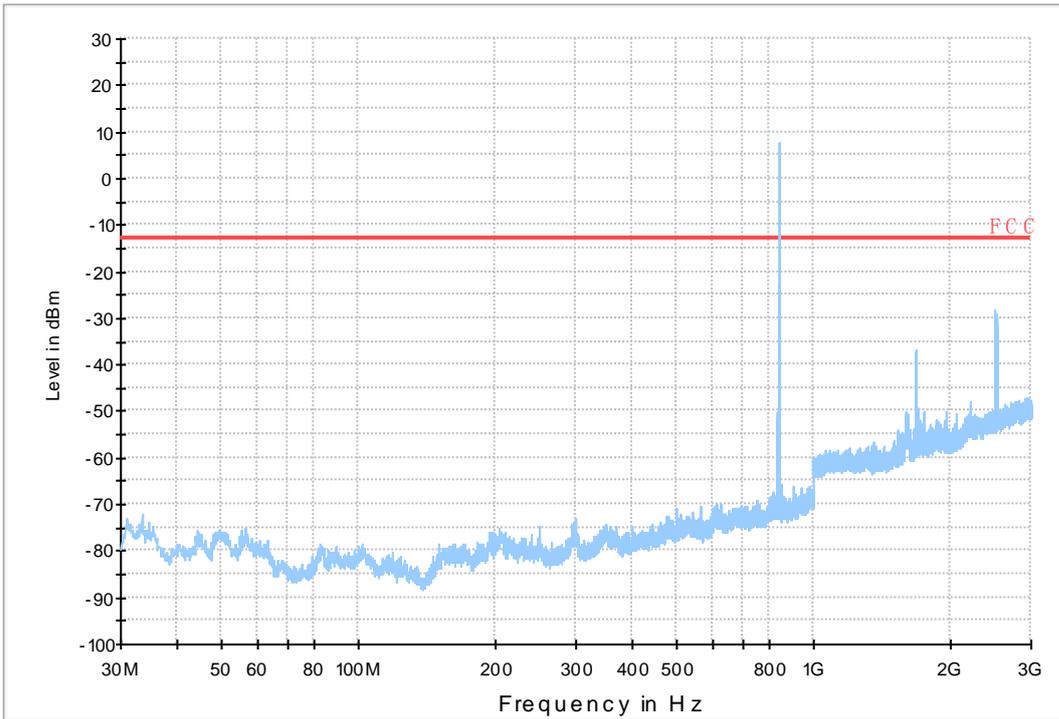
7.1 For GSM

7.1.1 Test Band = GSM850

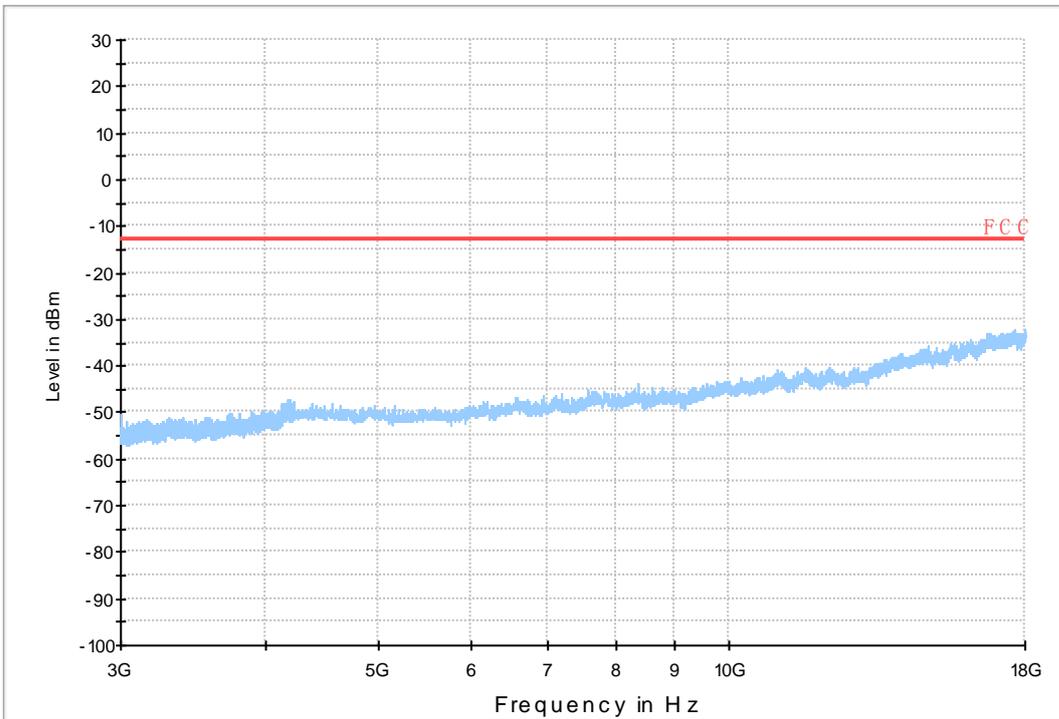
7.1.1.1 Test Mode = GSM/TM1



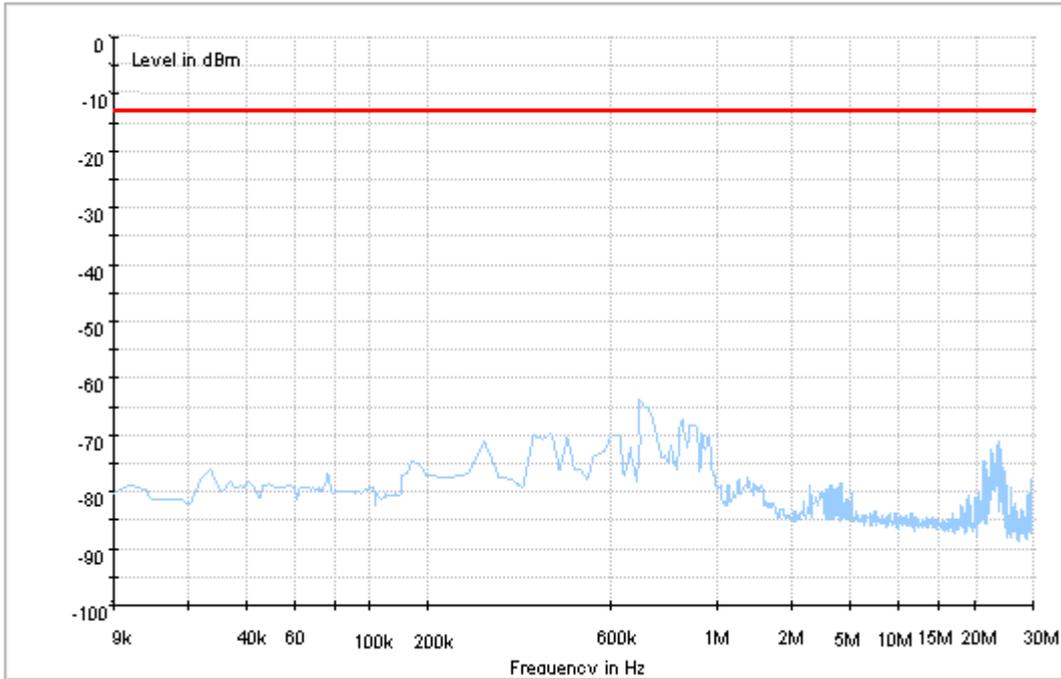
Copy of FCC PART22 GSM850_L



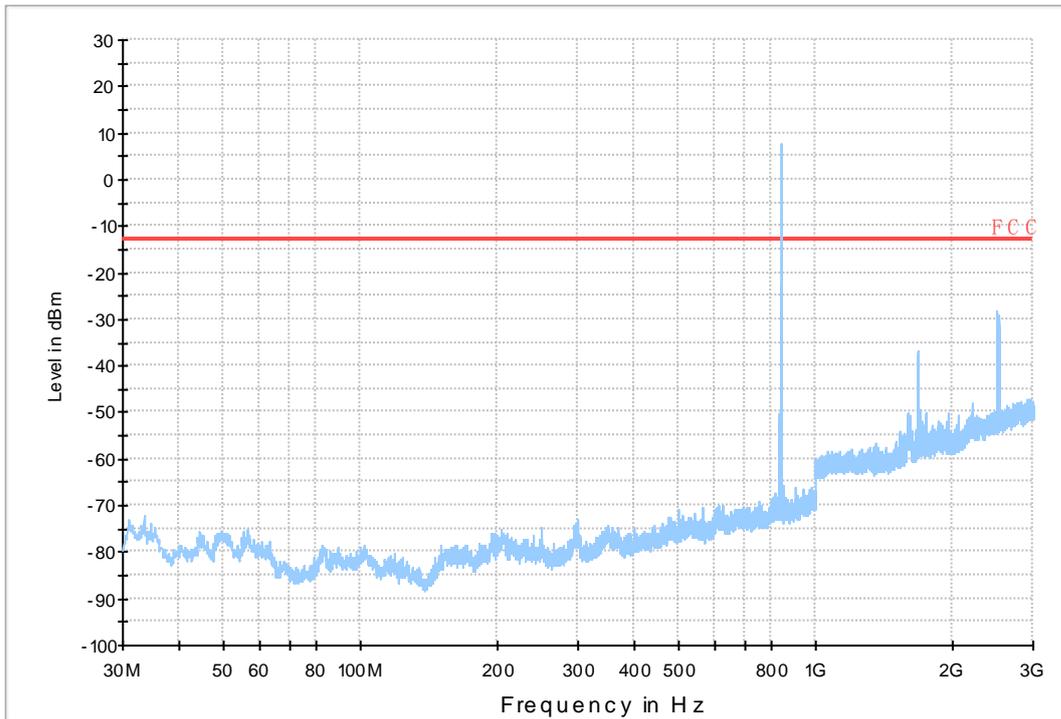
Copy of FCC PART22 GSM850_H



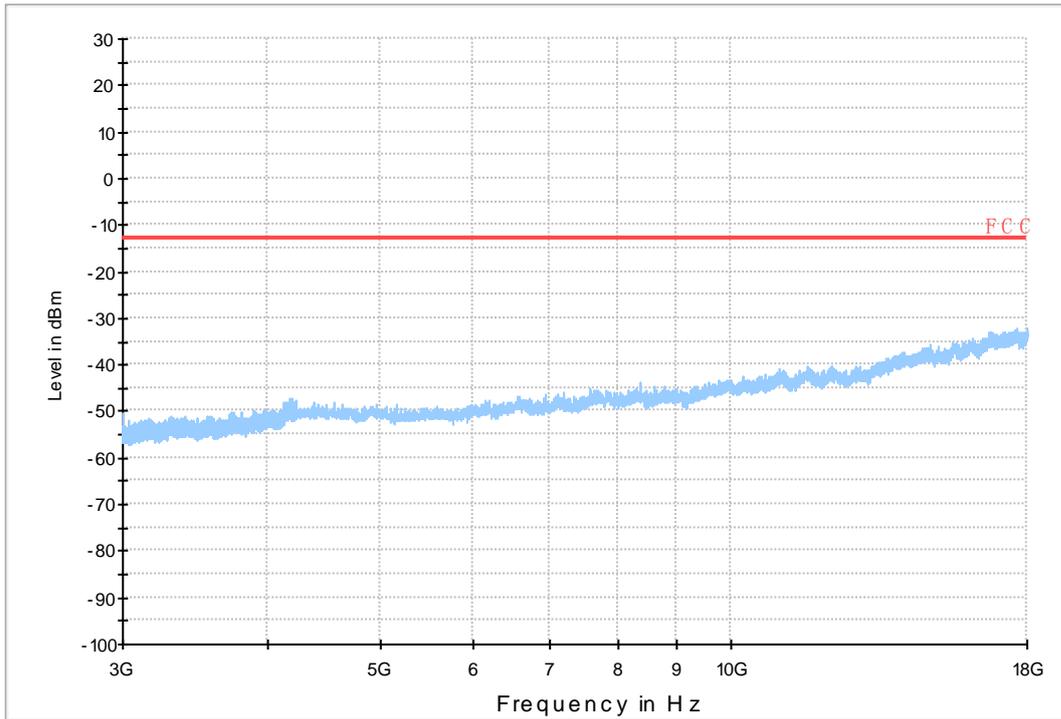
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

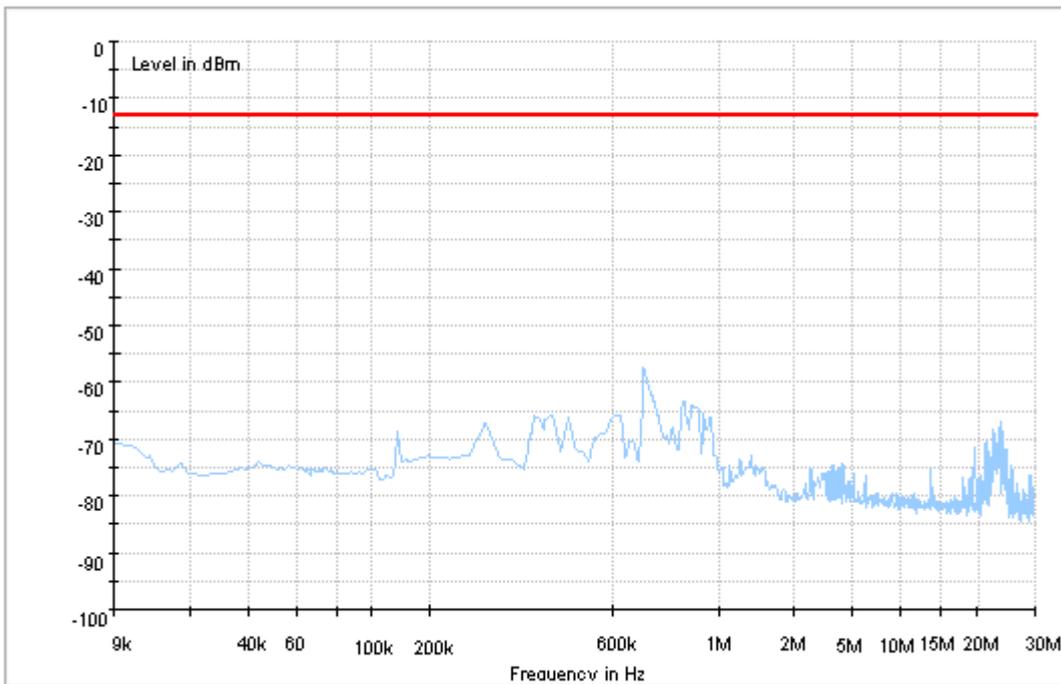


Copy of FCC PART22 GSM850_H

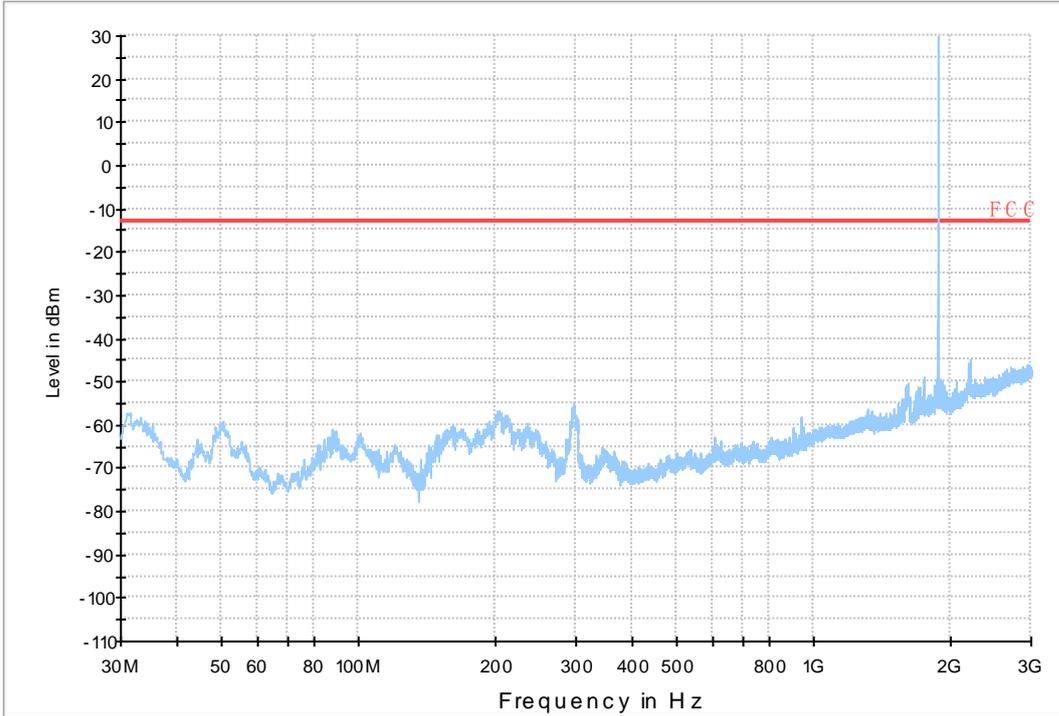


7.1.2 Test Band = GSM1900

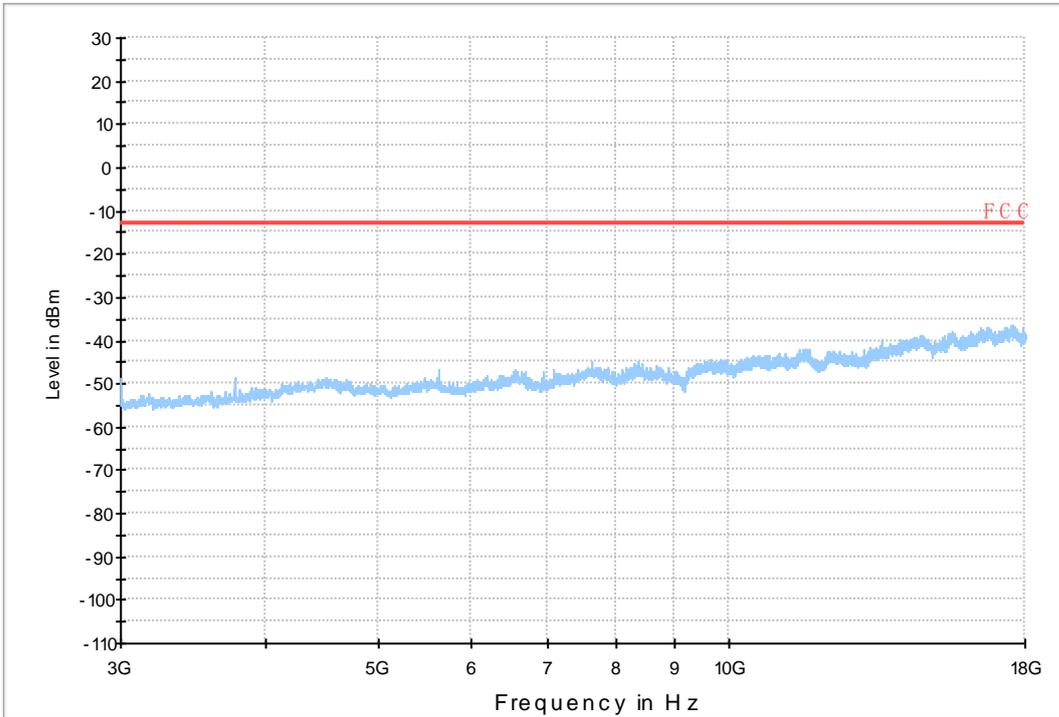
7.1.2.1 Test Mode = GSM/TM1

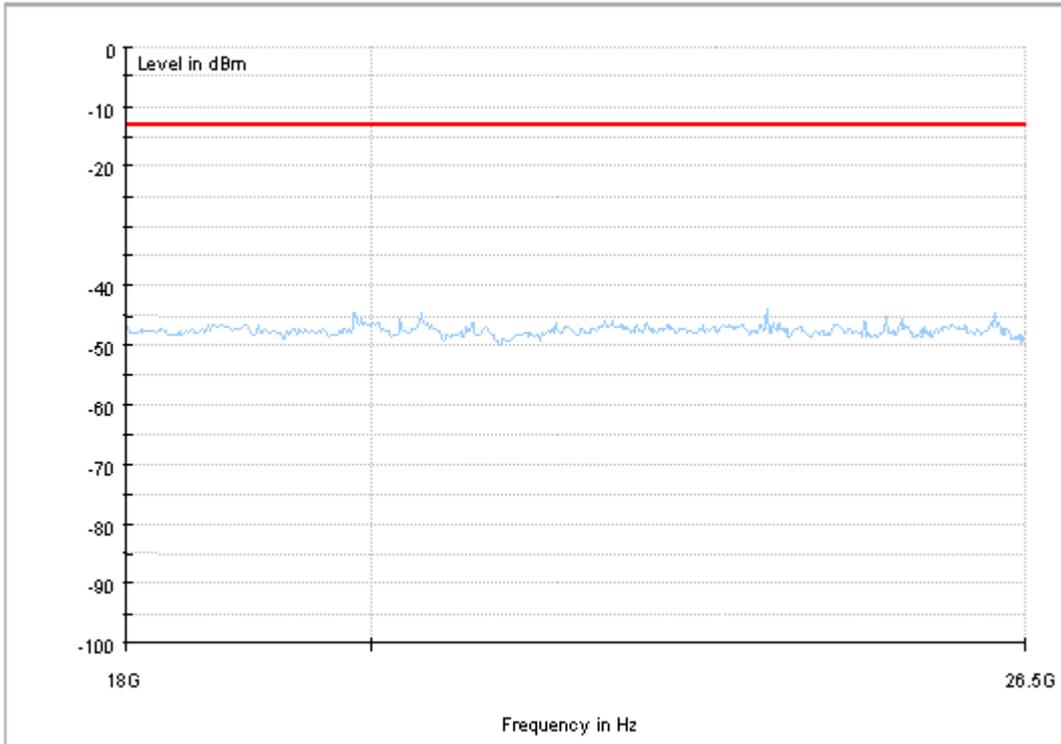


Copy of FCC PART24 GSM1900_L

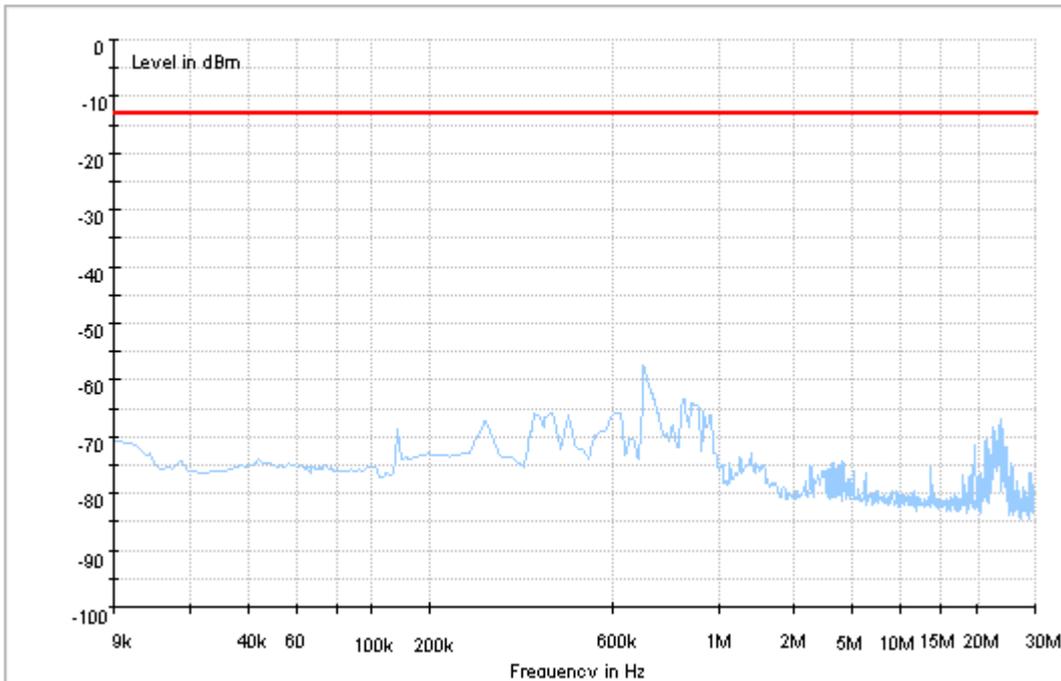


Copy of FCC PART24 GSM1900_H

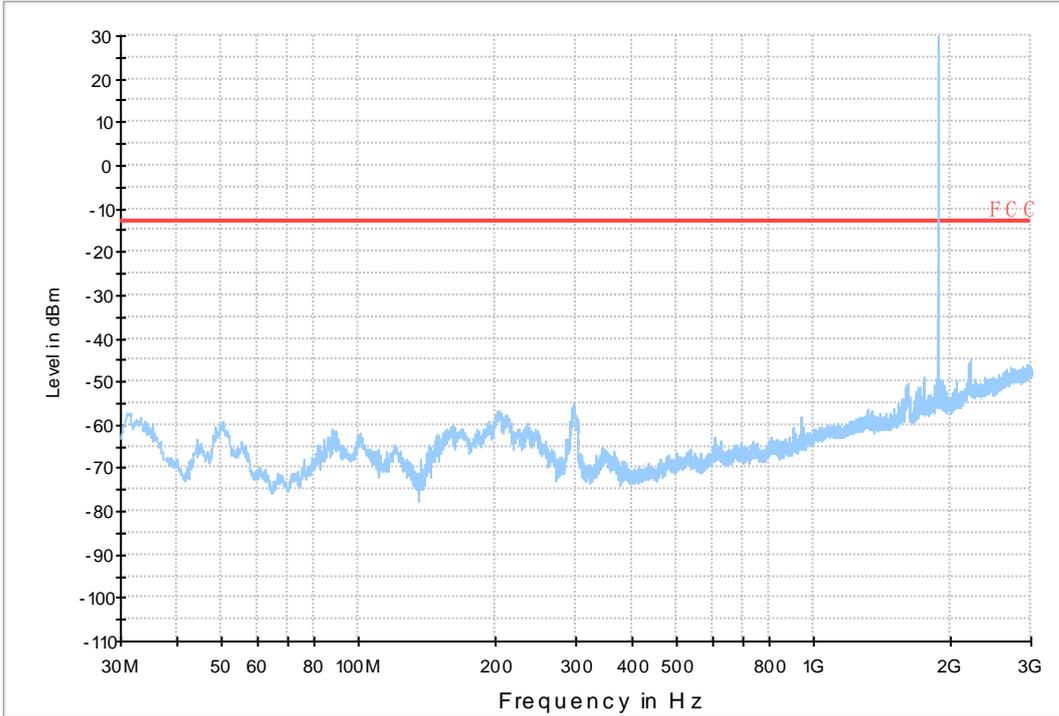




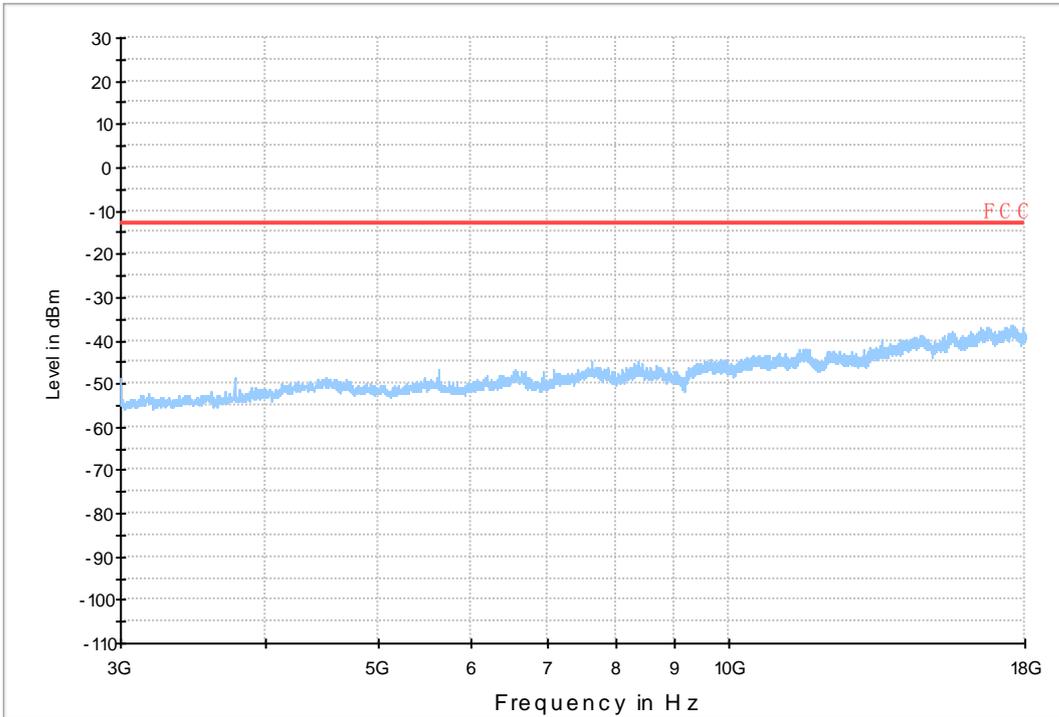
7.1.2.2 Test Mode = GSM/TM2

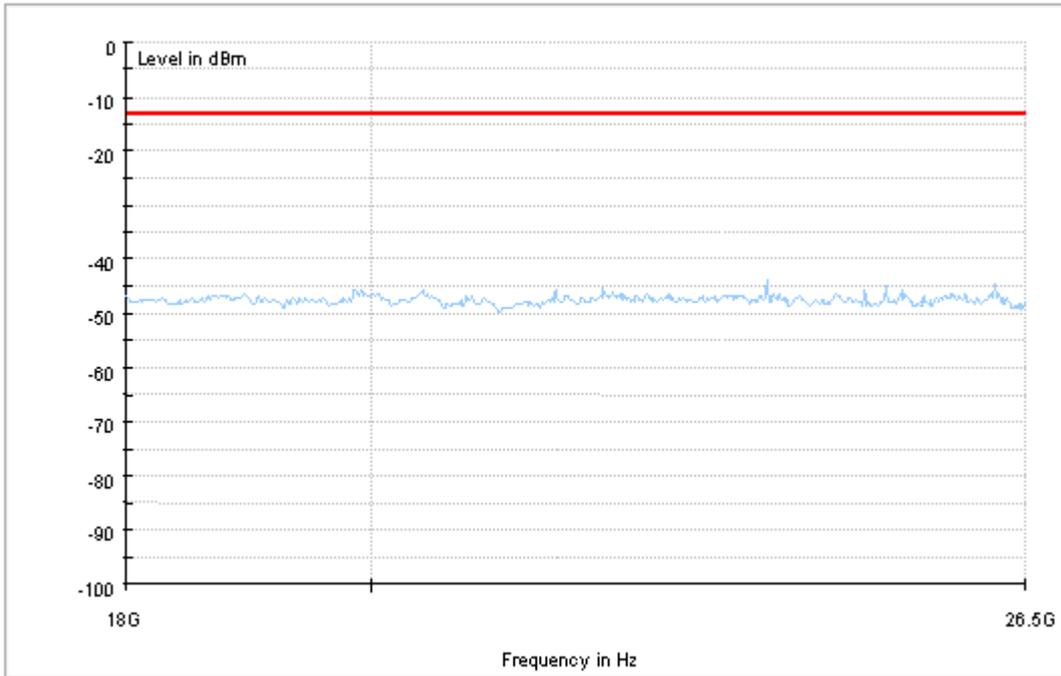


Copy of FCC PART24 GSM1900_L



Copy of FCC PART24 GSM1900_H

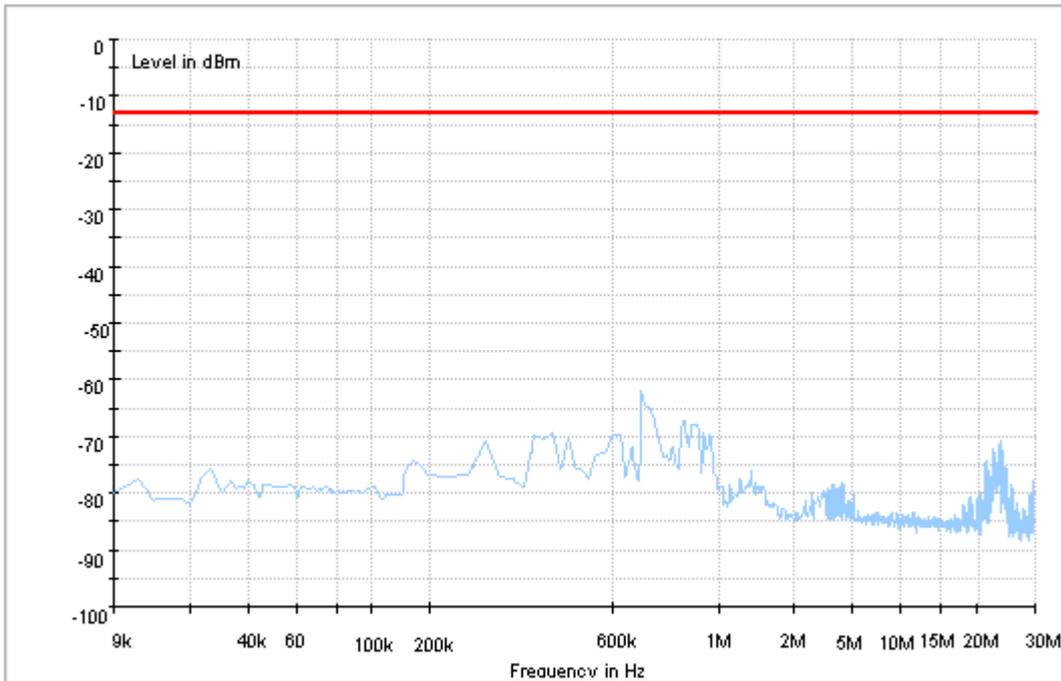




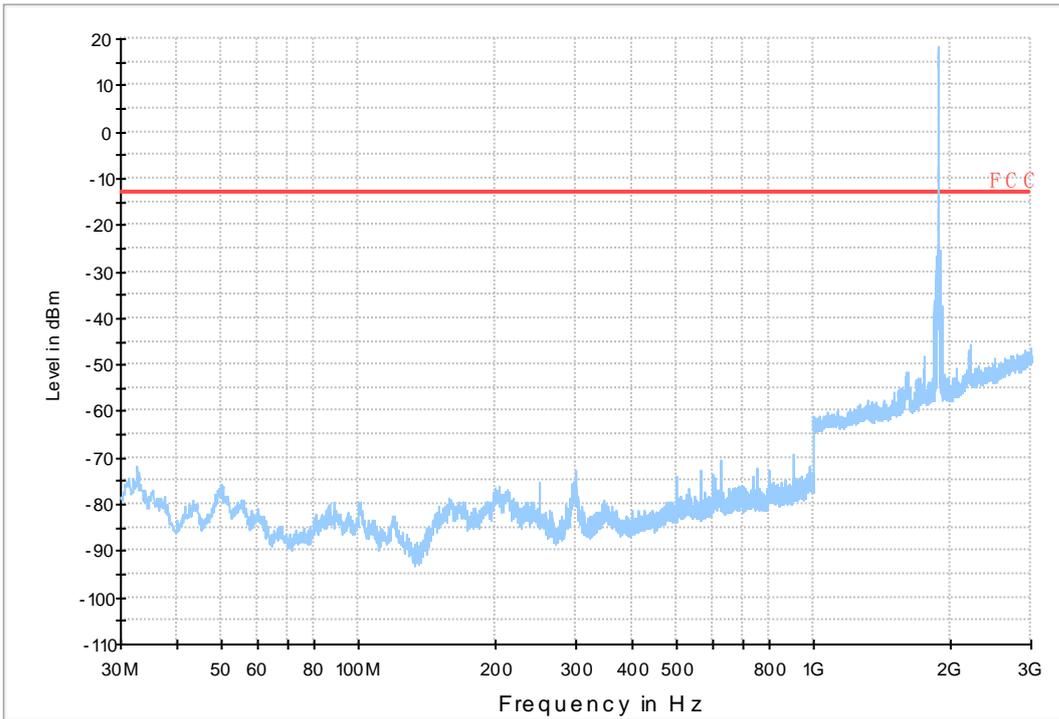
7.2 For UMTS

7.2.1 Test Band = WCDMA1900

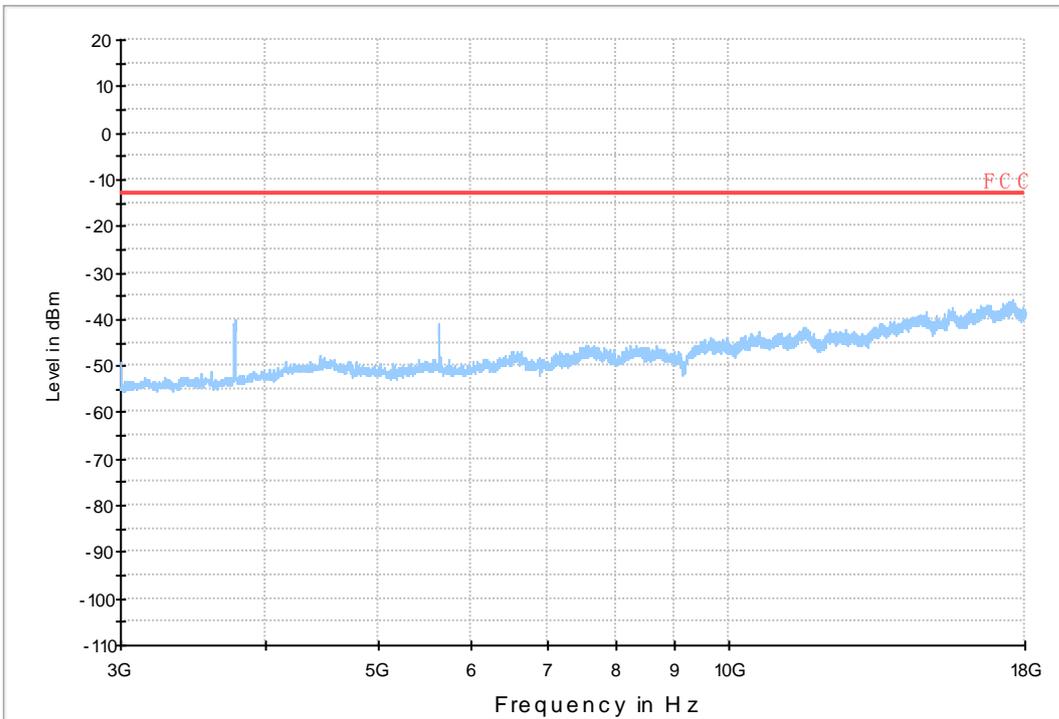
7.2.1.1 Test Mode = UMTS/TM1

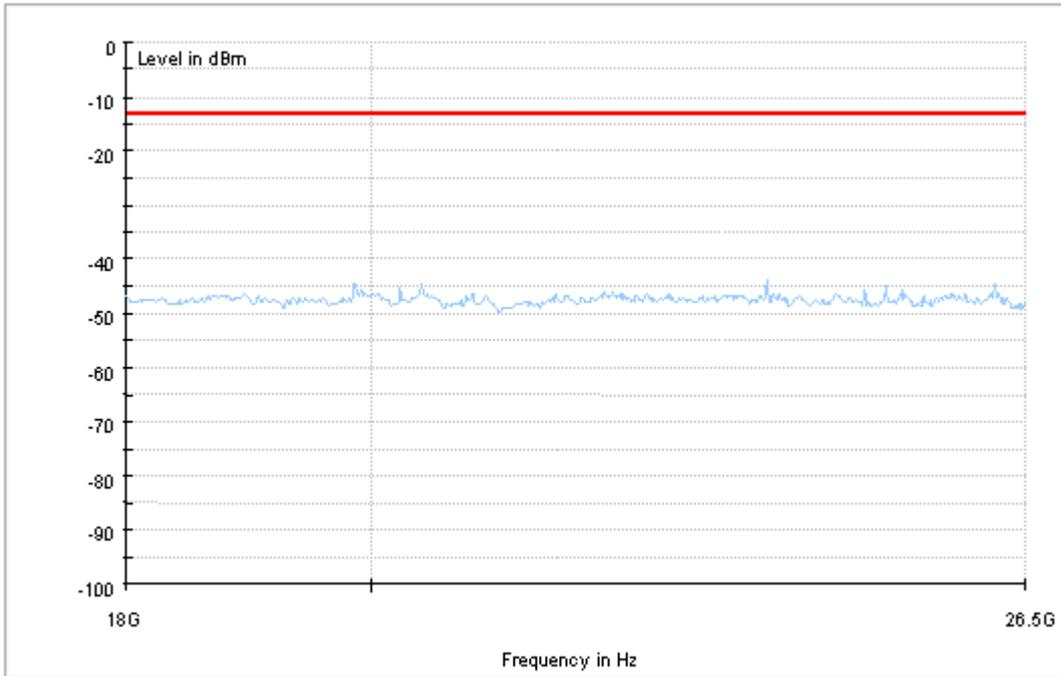


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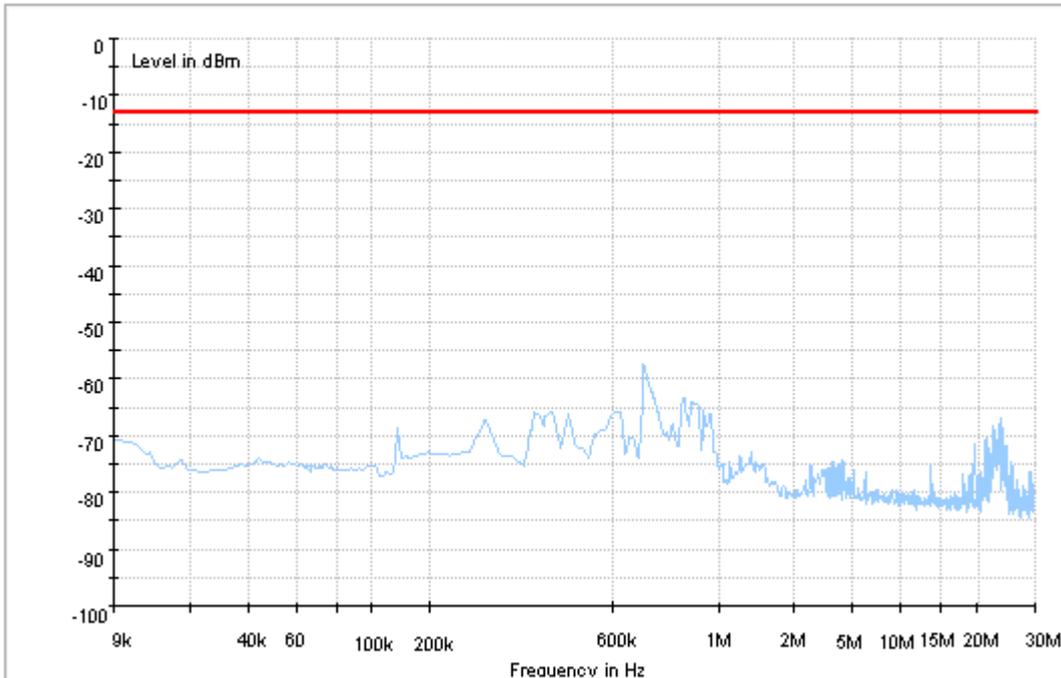
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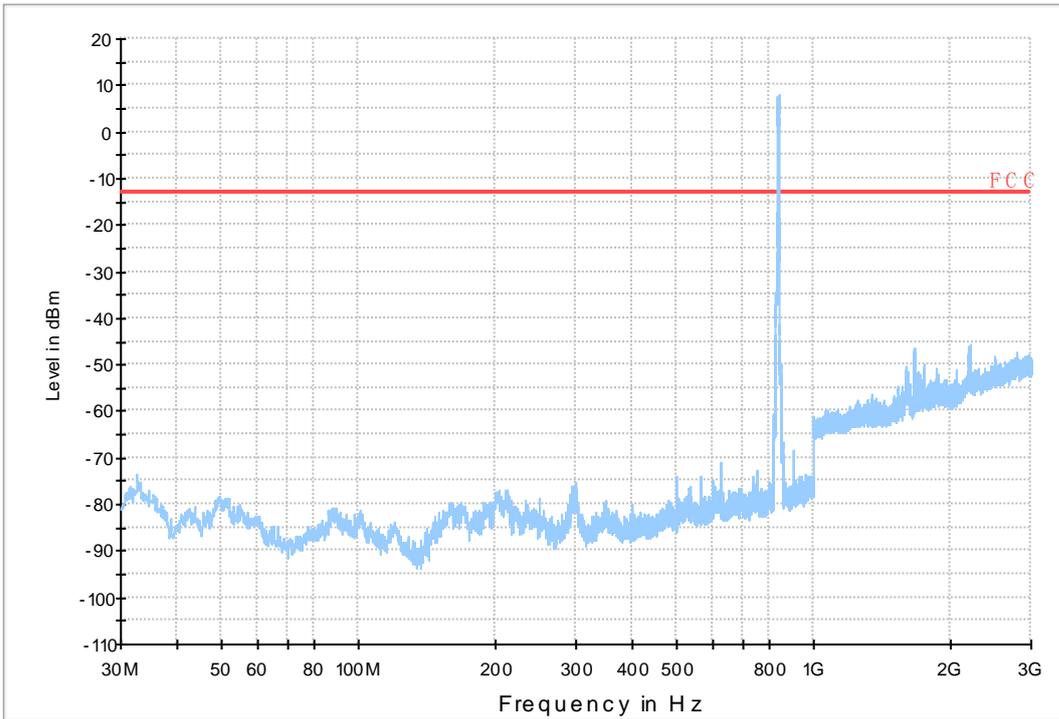


7.2.2 Test Band = WCDMA850

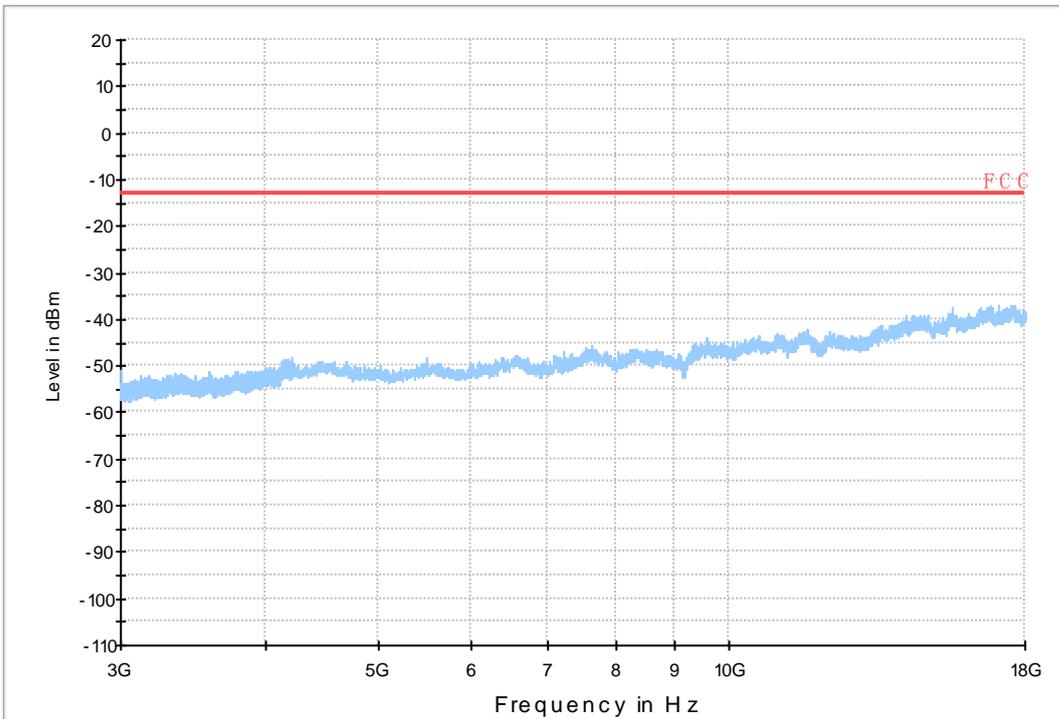
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART22 W CDMA850_L



Copy of FCC PART22 W CDMA850_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	-8.91	-0.01081	PASS
				VN	-5.10	-0.00619	PASS
				VH	-3.10	-0.00376	PASS
		MCH	TN	VL	-2.26	-0.0027	PASS
				VN	-4.58	-0.00547	PASS
				VH	-4.65	-0.00556	PASS
		HCH	TN	VL	-3.42	-0.00403	PASS
				VN	-5.88	-0.00693	PASS
				VH	-4.00	-0.00471	PASS
	GSM/TM2	LCH	TN	VL	-14.85	-0.01802	PASS
				VN	-12.43	-0.01508	PASS
				VH	-15.50	-0.01881	PASS
		MCH	TN	VL	-6.42	-0.00767	PASS
				VN	-3.87	-0.00463	PASS
				VH	-4.52	-0.0054	PASS
		HCH	TN	VL	-1.55	-0.00183	PASS
				VN	-3.81	-0.00449	PASS
				VH	-1.32	-0.00156	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-2.71	-0.00146	PASS
				VN	-3.16	-0.00171	PASS
				VH	-2.52	-0.00136	PASS
		MCH	TN	VL	15.37	0.00818	PASS
				VN	17.56	0.00934	PASS
				VH	22.60	0.01202	PASS
		HCH	TN	VL	7.23	0.00379	PASS
				VN	2.39	0.00125	PASS
				VH	-6.39	-0.00335	PASS
	GSM/TM2	LCH	TN	VL	1.87	0.00101	PASS
				VN	-2.26	-0.00122	PASS
				VH	-5.26	-0.00284	PASS
		MCH	TN	VL	19.79	0.01053	PASS
				VN	22.34	0.01188	PASS
				VH			

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	28.09	0.01494	PASS
		HCH	TN	VL	-2.71	-0.00142	PASS
				VN	9.56	0.00501	PASS
				VH	-2.13	-0.00112	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	-6.78	-0.00823	PASS
				-20	-10.33	-0.01253	PASS
				-10	-8.52	-0.01034	PASS
				0	-7.94	-0.00963	PASS
				10	-7.55	-0.00916	PASS
				20	-9.30	-0.01128	PASS
				30	-7.68	-0.00932	PASS
				40	-9.30	-0.01128	PASS
		50	-11.56	-0.01403	PASS		
		MCH	VN	-30	-6.33	-0.00757	PASS
				-20	-6.07	-0.00726	PASS
				-10	-4.00	-0.00478	PASS
				0	-5.04	-0.00602	PASS
				10	-3.75	-0.00448	PASS
				20	-3.87	-0.00463	PASS
				30	-4.26	-0.00509	PASS
				40	-3.23	-0.00386	PASS
		50	-3.36	-0.00402	PASS		
		HCH	VN	-30	-5.55	-0.00654	PASS
				-20	-6.26	-0.00738	PASS
				-10	-5.17	-0.00609	PASS
				0	-2.39	-0.00282	PASS
				10	-5.29	-0.00623	PASS
				20	-5.29	-0.00623	PASS
	30			-8.01	-0.00944	PASS	
	40			-4.71	-0.00555	PASS	
	50	-8.46	-0.00997	PASS			
	GSM/TM2	LCH	VN	-30	-9.69	-0.01176	PASS
				-20	-13.17	-0.01598	PASS
				-10	-13.79	-0.01673	PASS
				0	-14.30	-0.01735	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				10	-10.56	-0.01281	PASS						
				20	-12.33	-0.01496	PASS						
				30	-13.82	-0.01677	PASS						
				40	-12.01	-0.01457	PASS						
				50	-10.78	-0.01308	PASS						
		MCH	VN			-30	-7.17	-0.00857	PASS				
						-20	-2.16	-0.00258	PASS				
						-10	-10.04	-0.012	PASS				
						0	-5.29	-0.00632	PASS				
						10	-6.75	-0.00807	PASS				
						20	-3.42	-0.00409	PASS				
						30	-3.29	-0.00393	PASS				
						40	0.68	0.00081	PASS				
						50	-1.10	-0.00131	PASS				
						HCH	VN			-30	-4.91	-0.00578	PASS
		-20	-7.30	-0.0086	PASS								
		-10	-0.58	-0.00068	PASS								
		0	-5.88	-0.00693	PASS								
		10	-9.10	-0.01072	PASS								
		20	-9.43	-0.01111	PASS								
		30	-3.42	-0.00403	PASS								
		40	-12.75	-0.01502	PASS								
		50	-8.39	-0.00988	PASS								
		GSM1900	GSM/TM1	LCH	VN								
										-30	-9.30	-0.00503	PASS
										-20	-4.00	-0.00216	PASS
										-10	-4.65	-0.00251	PASS
										0	-2.20	-0.00119	PASS
10	-5.42									-0.00293	PASS		
20	-3.10									-0.00168	PASS		
30	-9.30									-0.00503	PASS		
40	-3.55									-0.00192	PASS		
50	-2.20			-0.00119	PASS								
MCH	VN												
										-30	19.69	0.01047	PASS
										-20	22.15	0.01178	PASS
										-10	22.34	0.01188	PASS
										0	18.98	0.0101	PASS
										10	23.96	0.01274	PASS
										20	20.40	0.01085	PASS
										30	16.01	0.00852	PASS
		40	27.70							0.01473	PASS		

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	50	27.64	0.0147	PASS
				-30	0.71	0.00037	PASS
				-20	6.59	0.00345	PASS
				-10	0.71	0.00037	PASS
				0	3.10	0.00162	PASS
				10	-5.55	-0.00291	PASS
				20	2.58	0.00135	PASS
				30	-8.20	-0.00429	PASS
				40	6.72	0.00352	PASS
				50	-1.74	-0.00091	PASS
	GSM/TM2	LCH	VN	-30	0.97	0.00052	PASS
				-20	0.36	0.00019	PASS
				-10	-8.98	-0.00485	PASS
				0	-2.42	-0.00131	PASS
				10	-7.72	-0.00417	PASS
				20	-13.59	-0.00735	PASS
				30	-10.17	-0.0055	PASS
				40	-7.75	-0.00419	PASS
				50	-8.43	-0.00456	PASS
				MCH	VN	-30	18.50
		-20	24.38			0.01297	PASS
		-10	31.12			0.01655	PASS
		0	27.67			0.01472	PASS
		10	27.54			0.01465	PASS
		20	32.51			0.01729	PASS
		30	28.19			0.01499	PASS
		40	20.53			0.01092	PASS
		50	24.34			0.01295	PASS
		HCH	VN			-30	6.10
				-20	0.06	0.00003	PASS
				-10	-14.40	-0.00754	PASS
				0	-5.84	-0.00306	PASS
10	-1.03			-0.00054	PASS		
20	-4.84			-0.00253	PASS		
30	-2.78			-0.00146	PASS		
40	-4.16			-0.00218	PASS		
50	8.56	0.00448	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
WCDMA1900	UMTS/TM1	LCH	TN	VL	-4.49	-0.00242	PASS
				VN	-0.41	-0.00022	PASS
				VH	-4.53	-0.00245	PASS
		MCH	TN	VL	-0.93	-0.00049	PASS
				VN	0.84	0.00045	PASS
				VH	-0.44	-0.00023	PASS
		HCH	TN	VL	1.65	0.00086	PASS
				VN	2.47	0.00129	PASS
				VH	4.62	0.00242	PASS
WCDMA850	UMTS/TM1	LCH	TN	VL	2.84	0.00344	PASS
				VN	-1.14	-0.00138	PASS
				VH	-2.85	-0.00345	PASS
		MCH	TN	VL	2.49	0.00298	PASS
				VN	0.49	0.00059	PASS
				VH	5.31	0.00635	PASS
		HCH	TN	VL	4.47	0.00528	PASS
				VN	-0.12	-0.00014	PASS
				VH	1.77	0.00209	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
WCDMA1900	UMTS/TM1	LCH	VN	-30	-3.36	-0.00181	PASS
				-20	-6.59	-0.00356	PASS
				-10	5.49	0.00296	PASS
				0	-1.57	-0.00085	PASS
				10	0.69	0.00037	PASS
				20	-2.37	-0.00128	PASS
				30	0.24	0.00013	PASS
				40	1.91	0.00103	PASS
		MCH	VN	50	-5.65	-0.00305	PASS
				-30	-1.97	-0.00105	PASS
				-20	-6.73	-0.00358	PASS
				-10	4.06	0.00216	PASS
				0	-4.52	-0.0024	PASS
				10	-0.53	-0.00028	PASS
		20	2.46	0.00131	PASS		

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				30	3.83	0.00204	PASS						
				40	-2.29	-0.00122	PASS						
				50	-0.69	-0.00037	PASS						
		HCH	VN			-30	7.34	0.00385	PASS				
						-20	-3.37	-0.00177	PASS				
						-10	1.36	0.00071	PASS				
						0	8.27	0.00434	PASS				
						10	-0.95	-0.0005	PASS				
						20	-4.32	-0.00226	PASS				
						30	2.93	0.00154	PASS				
						40	-0.18	-0.00009	PASS				
						50	0.27	0.00014	PASS				
						WCDMA850	UMTS/TM1	LCH	VN				
-20	-0.93	-0.00113	PASS										
-10	7.81	0.00945	PASS										
0	0.96	0.00116	PASS										
10	0.85	0.00103	PASS										
20	2.06	0.00249	PASS										
30	-3.91	-0.00473	PASS										
40	2.44	0.00295	PASS										
50	6.56	0.00794	PASS										
MCH	VN												
										-30	1.89	0.00226	PASS
										-20	2.52	0.00301	PASS
										-10	2.23	0.00267	PASS
						0	1.94			0.00232	PASS		
						10	-1.04			-0.00124	PASS		
						20	4.53			0.00542	PASS		
						30	2.55			0.00305	PASS		
40	-4.33	-0.00518	PASS										
50	-1.22	-0.00146	PASS										
HCH	VN												
								-30	1.98	0.00234	PASS		
								-20	3.52	0.00416	PASS		
								-10	-1.46	-0.00172	PASS		
								0	6.97	0.00823	PASS		
								10	5.71	0.00674	PASS		
								20	-0.92	-0.00109	PASS		
								30	-3.81	-0.0045	PASS		
40	2.00	0.00236	PASS										
50	2.14	0.00253	PASS										



END