



Appendix for test report



1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	32.53	29.85	38.5	PASS
		MCH	32.4	29.79	38.5	PASS
		HCH	32.2	29.51	38.5	PASS
	GSM/TM2	LCH	25.95	23.37	38.5	PASS
		MCH	25.96	23.35	38.5	PASS
		HCH	25.86	23.27	38.5	PASS
WCDMA850	UMTS/TM1	LCH	23.35	20.79	38.5	PASS
		MCH	23.49	20.81	38.5	PASS
		HCH	23.55	20.93	38.5	PASS
Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	30.25	32.51	33	PASS
		MCH	30.47	32.72	33	PASS
		HCH	30.55	32.81	33	PASS
	GSM/TM2	LCH	25.23	27.58	33	PASS
		MCH	25.33	27.69	33	PASS
		HCH	25.3	27.66	33	PASS
WCDMA1900	UMTS/TM1	LCH	22.79	25.04	33	PASS
		MCH	22.59	24.83	33	PASS
		HCH	22.31	24.64	33	PASS



Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS



2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GSM/TM1	LCH	0.21	13	PASS
		MCH	0.19	13	PASS
		HCH	0.2	13	PASS
	GSM/TM2	LCH	3.35	13	PASS
		MCH	3.38	13	PASS
		HCH	3.43	13	PASS
Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	3.32	13	PASS
		MCH	3.33	13	PASS
		HCH	3.32	13	PASS

3Appendix_C: Modulation Characteristics

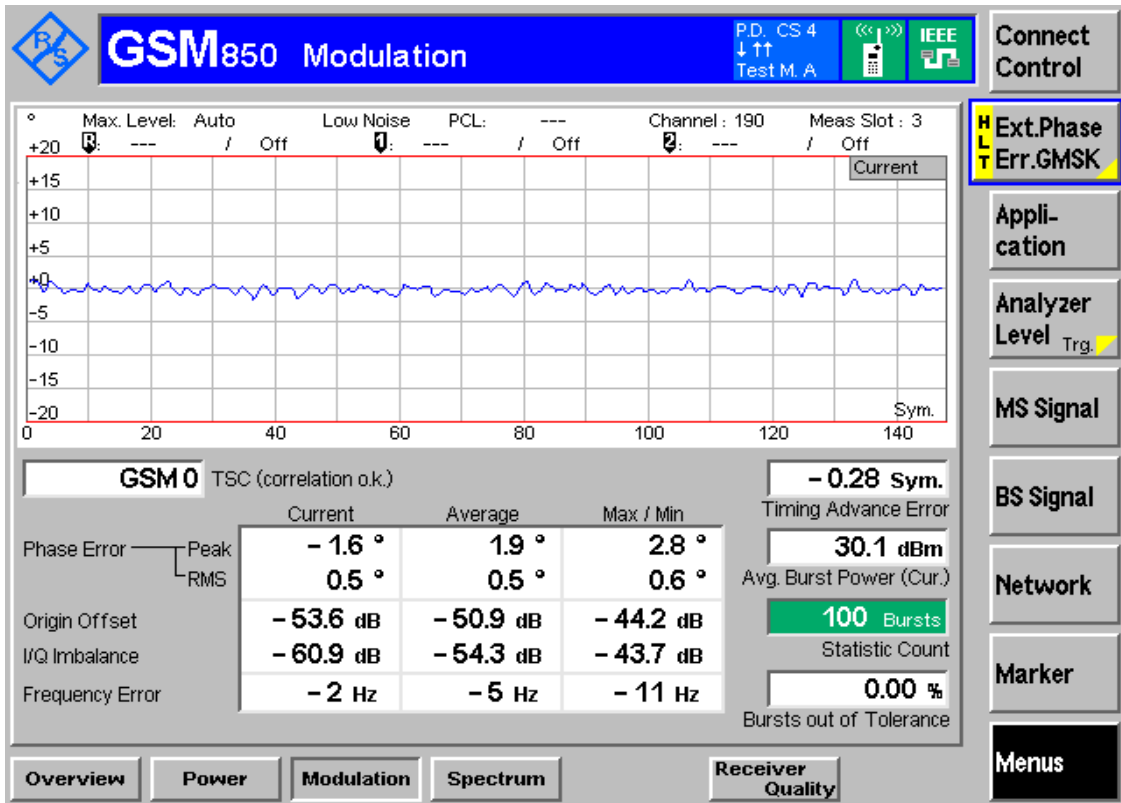
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

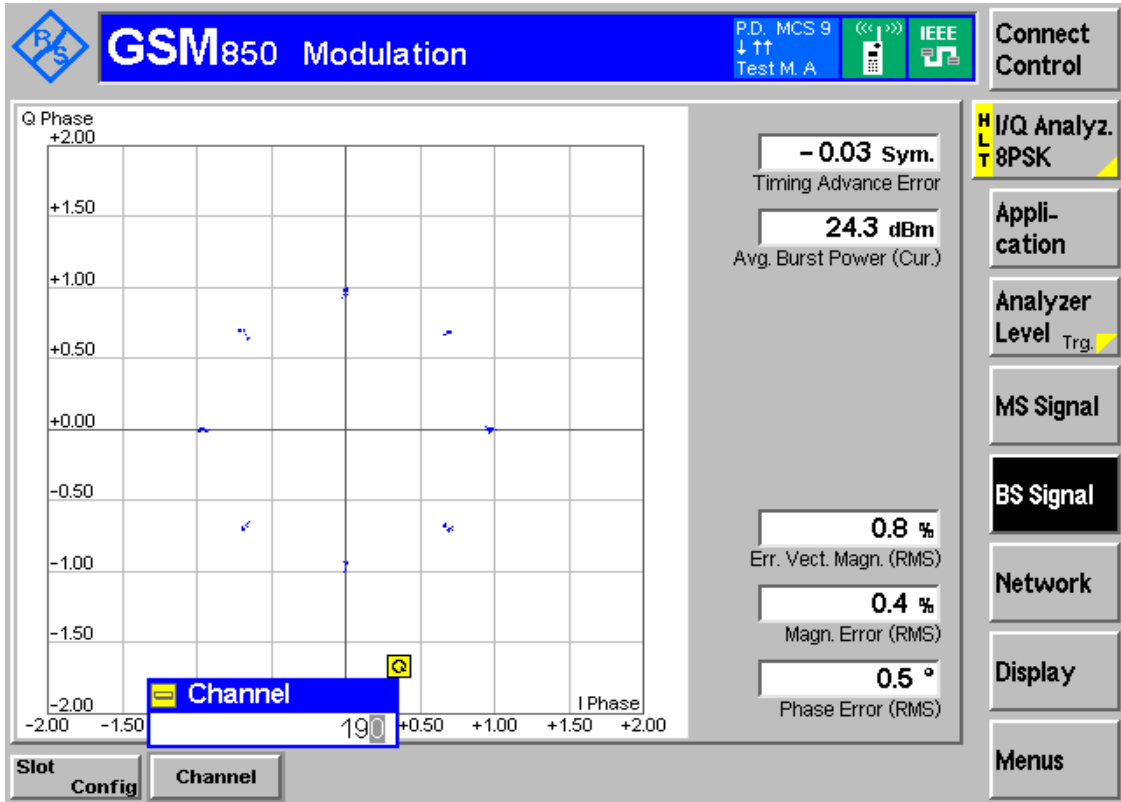
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

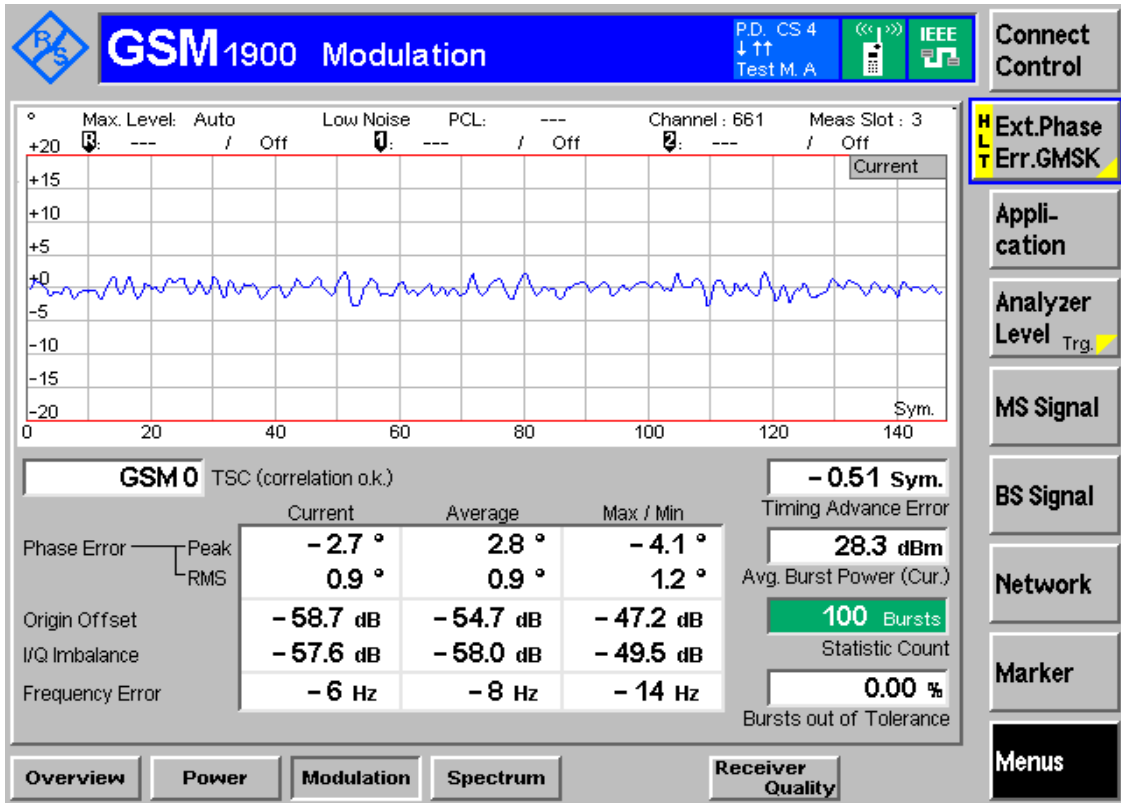
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

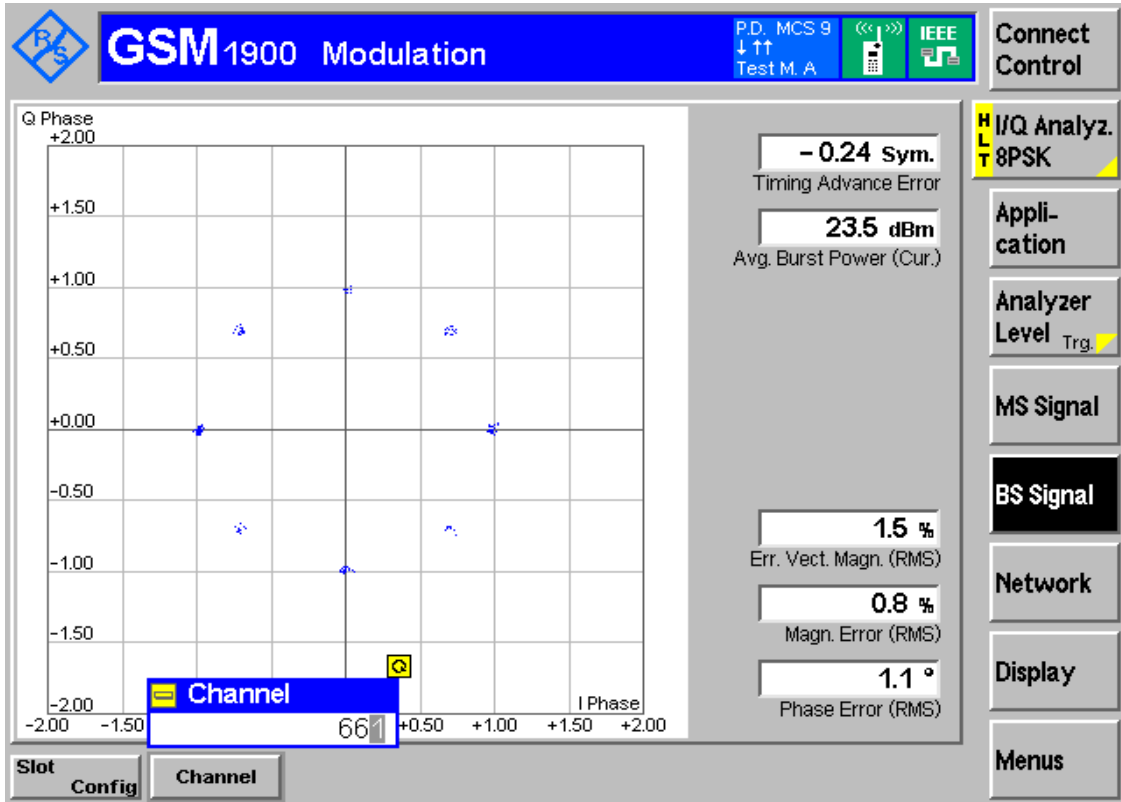
3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH

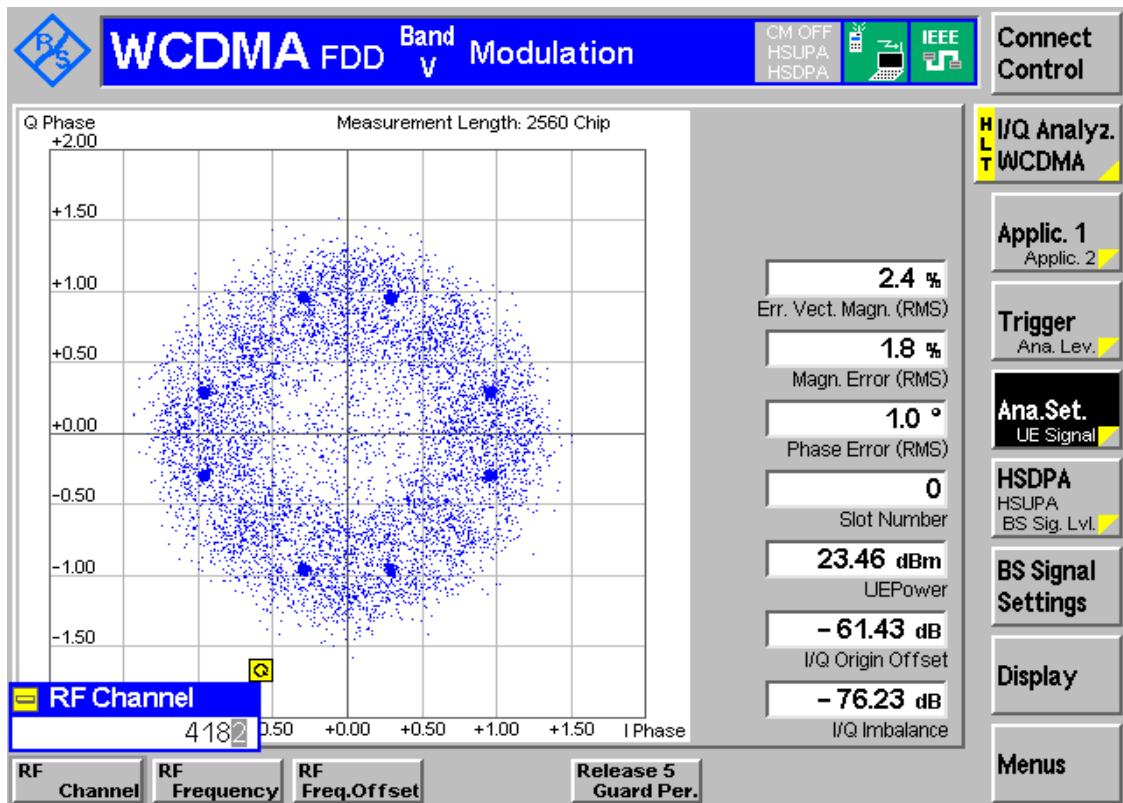


3.2 For UMTS

3.2.1 Test Band = WCDMA850

3.2.1.1 Test Mode = UMTS/TM1

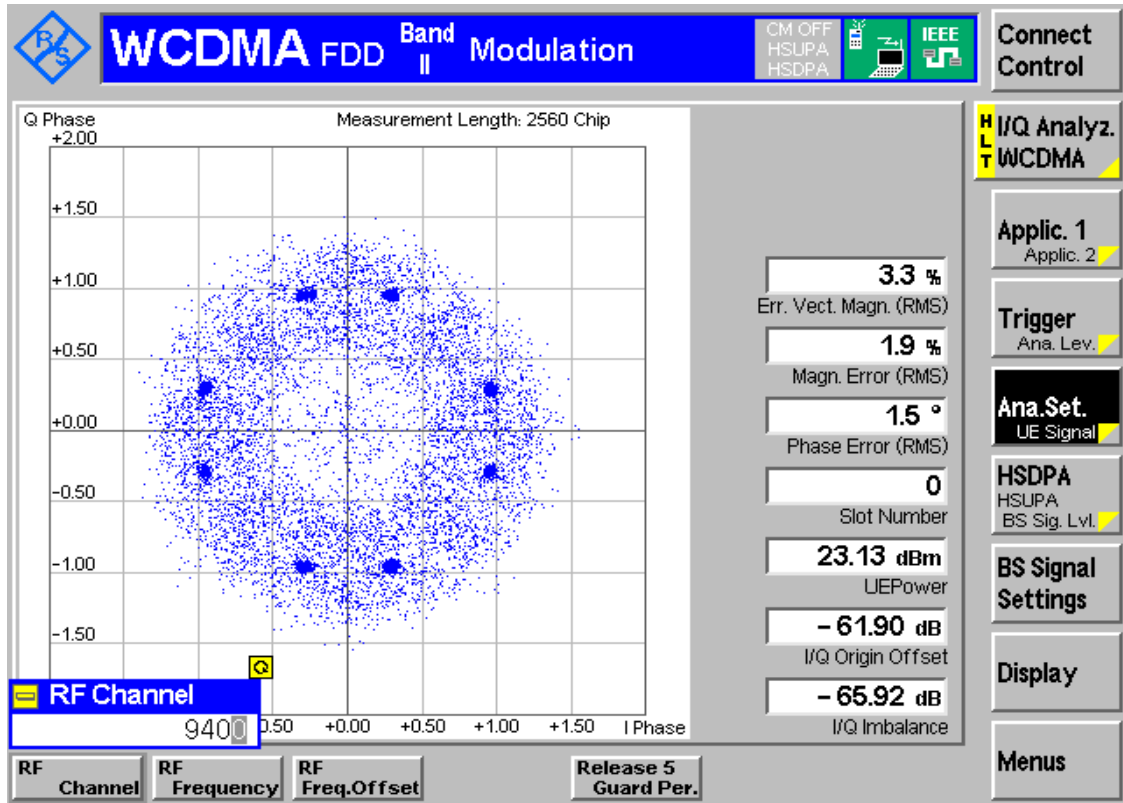
3.2.1.1.1 Test Channel = MCH



3.2.2 Test Band = WCDMA1900

3.2.2.1 Test Mode = UMTS/TM1

3.2.2.1.1 Test Channel = MCH



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	244.02	314.87	Pass
		MCH	243.41	310.59	Pass
		HCH	242.50	309.46	Pass
	GSM/TM2	LCH	233.26	284.21	Pass
		MCH	236.12	288.73	Pass
		HCH	242.53	299.74	Pass
GSM1900	GSM/TM1	LCH	242.78	317.83	Pass
		MCH	240.86	313.12	Pass
		HCH	243.95	316.03	Pass
	GSM/TM2	LCH	240.85	305.05	Pass
		MCH	242.00	312.51	Pass
		HCH	237.06	308.71	Pass
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.16	4.71	Pass
		MCH	4.17	4.73	Pass
		HCH	4.16	4.73	Pass
WCDMA1900	UMTS/TM1	LCH	4.17	4.73	Pass
		MCH	4.17	4.73	Pass
		HCH	4.17	4.75	Pass



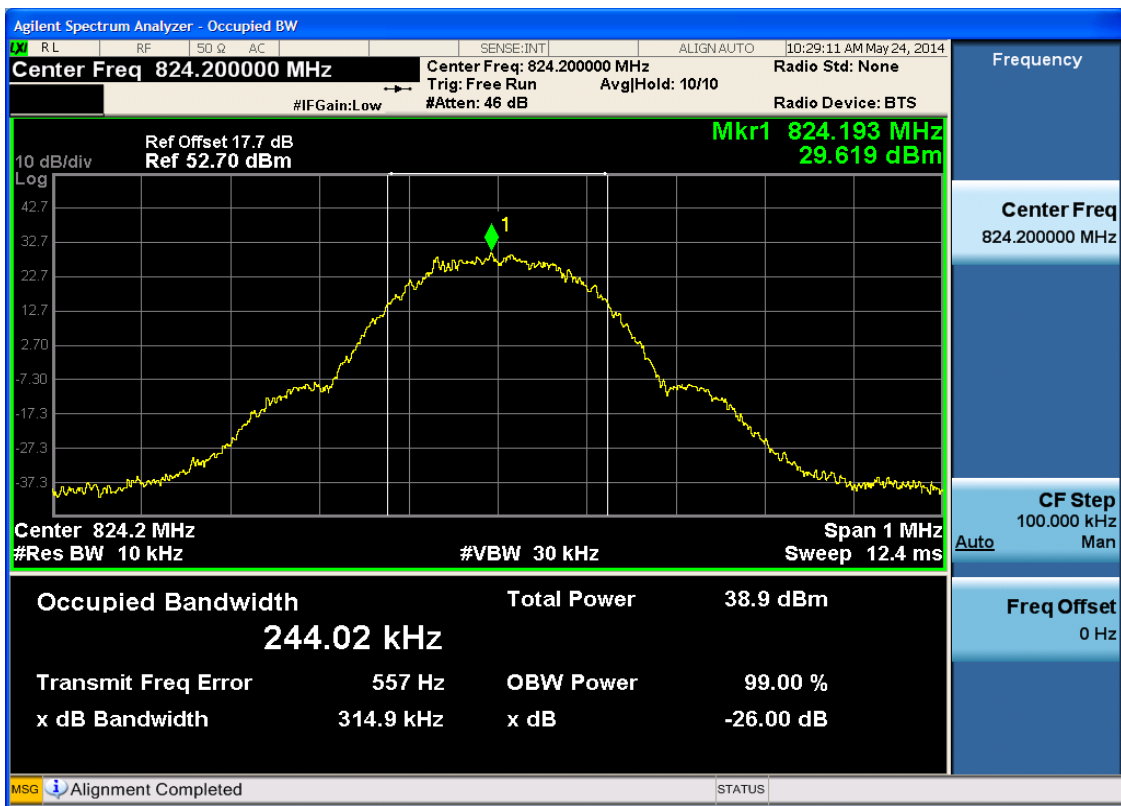
Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

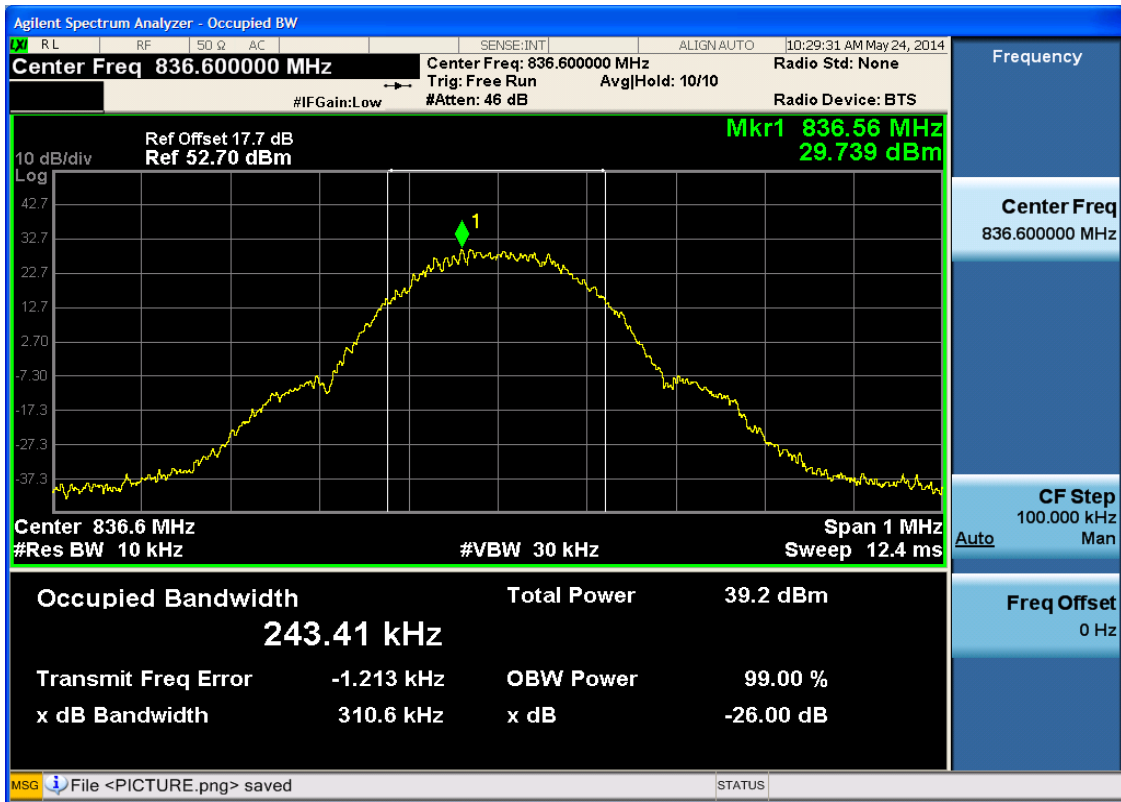
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH



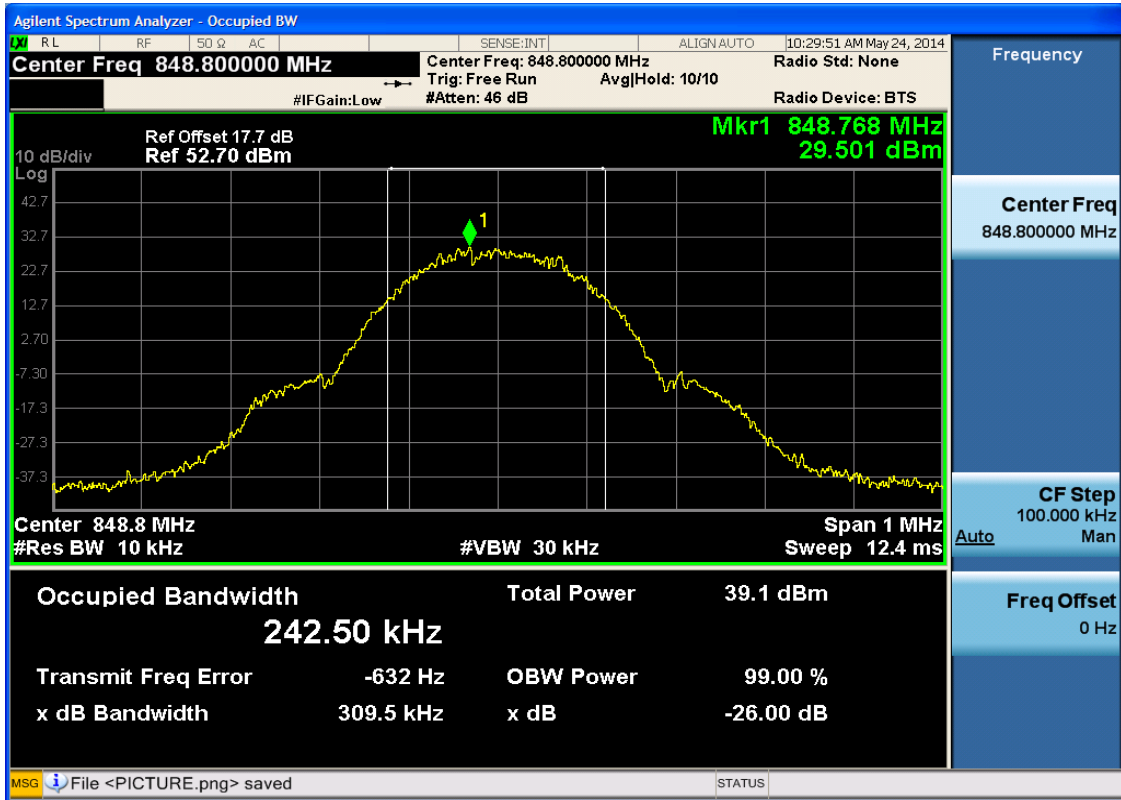


4.1.1.1.2 Test Channel = MCH





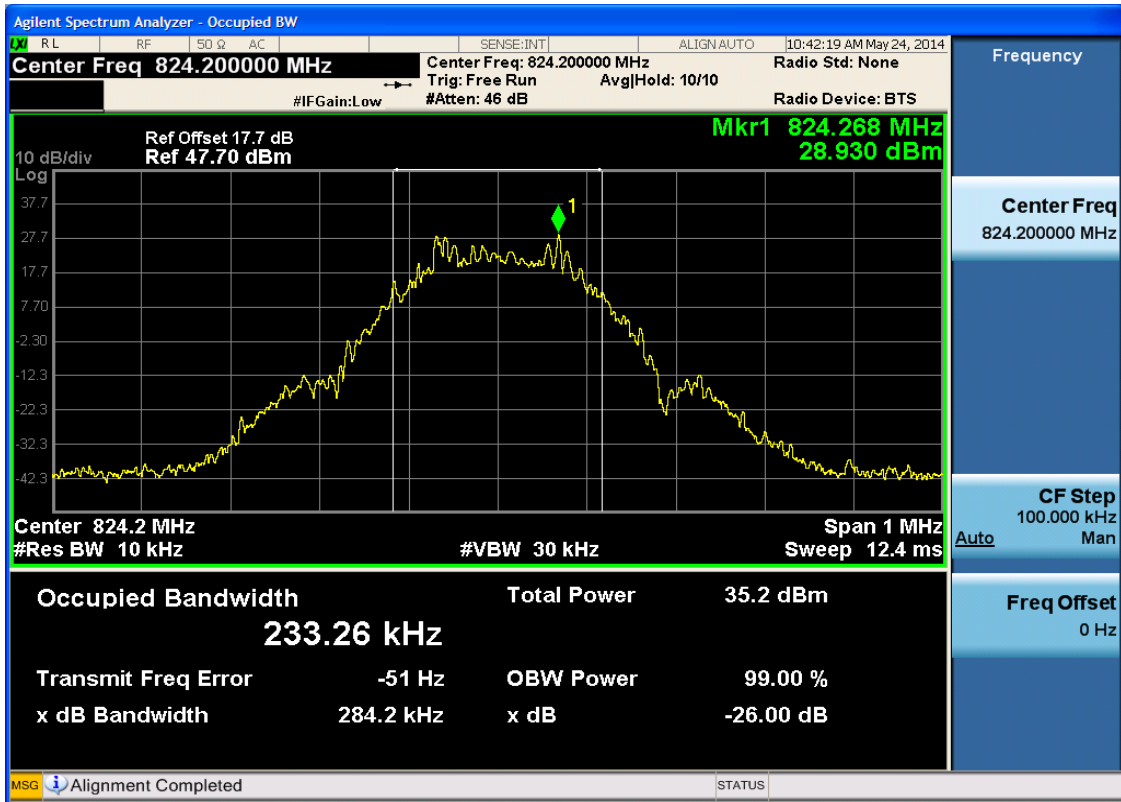
4.1.1.1.3 Test Channel = HCH





4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



4.1.1.2.2 Test Channel = MCH





4.1.1.2.3 Test Channel = HCH

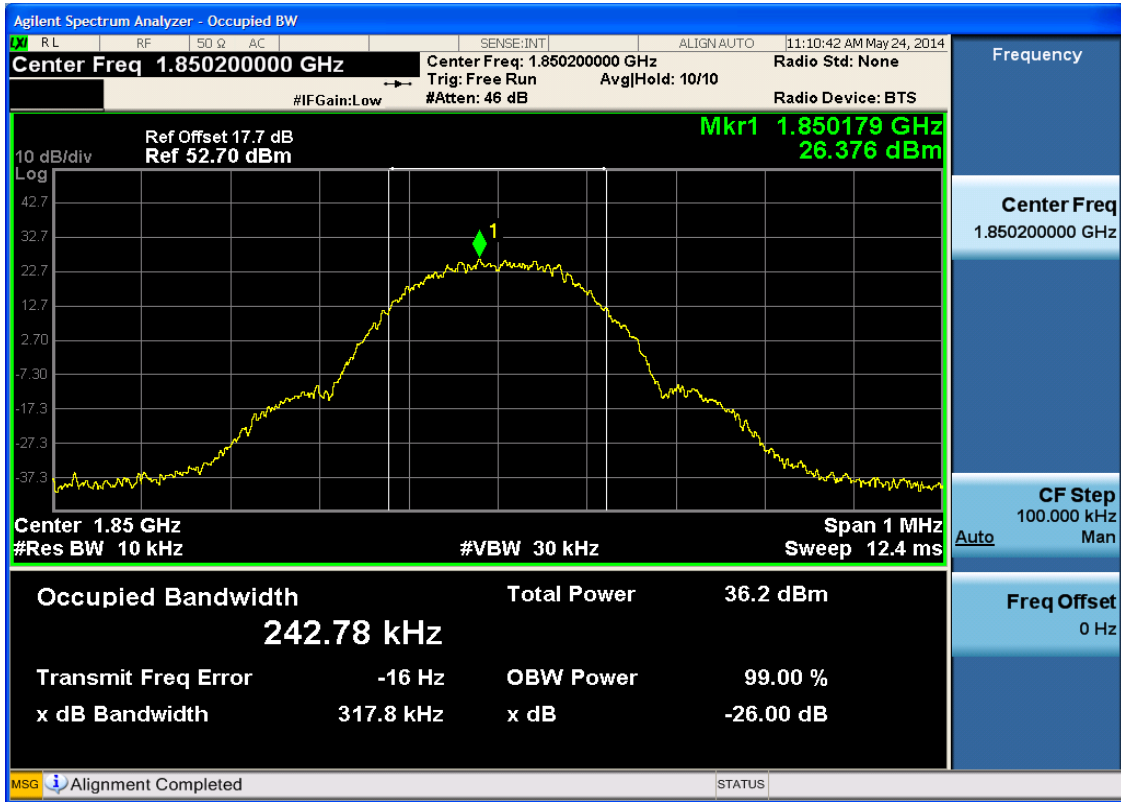




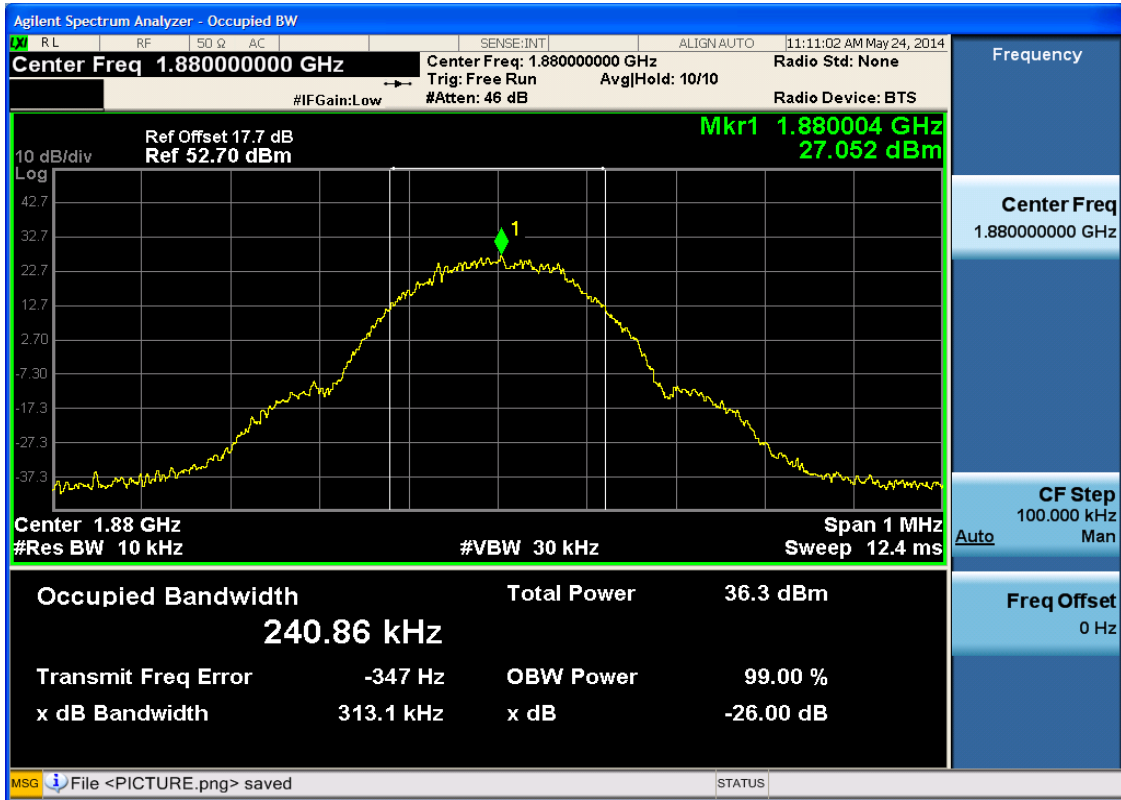
4.1.2 Test Band = GSM1900

4.1.2.1 Test Mode = GSM/TM1

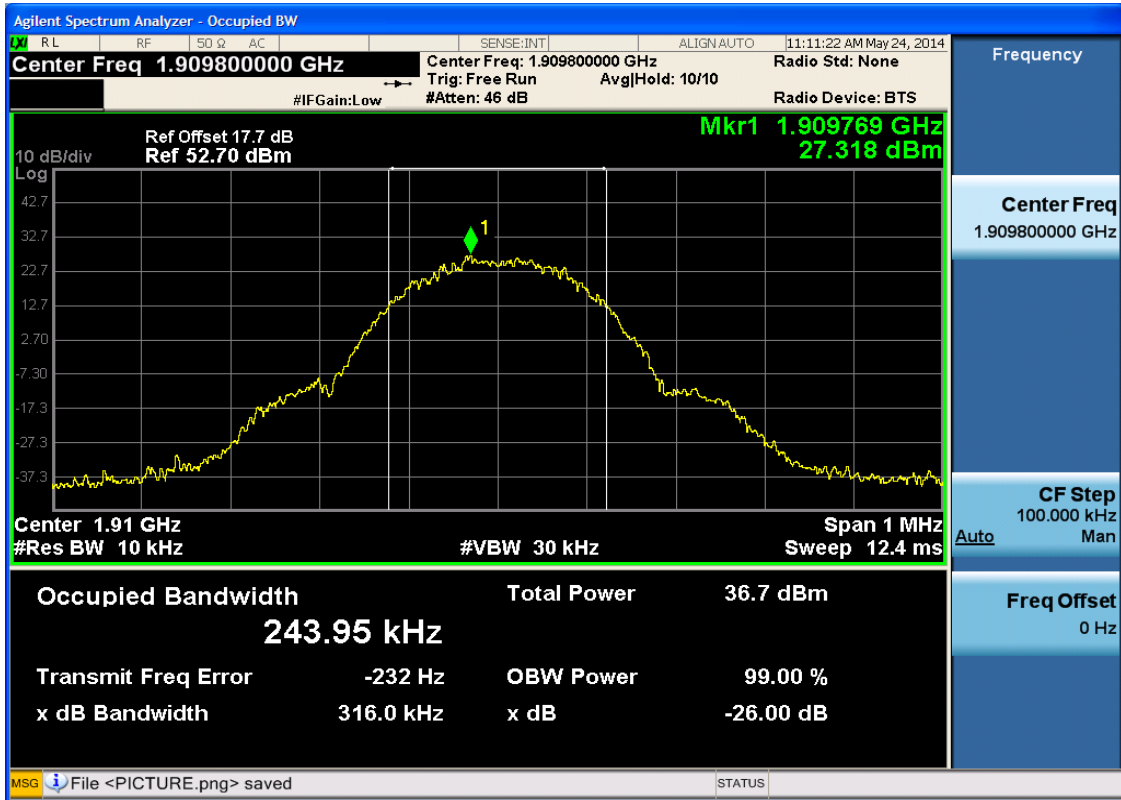
4.1.2.1.1 Test Channel = LCH



4.1.2.1.2 Test Channel = MCH



4.1.2.1.3 Test Channel = HCH



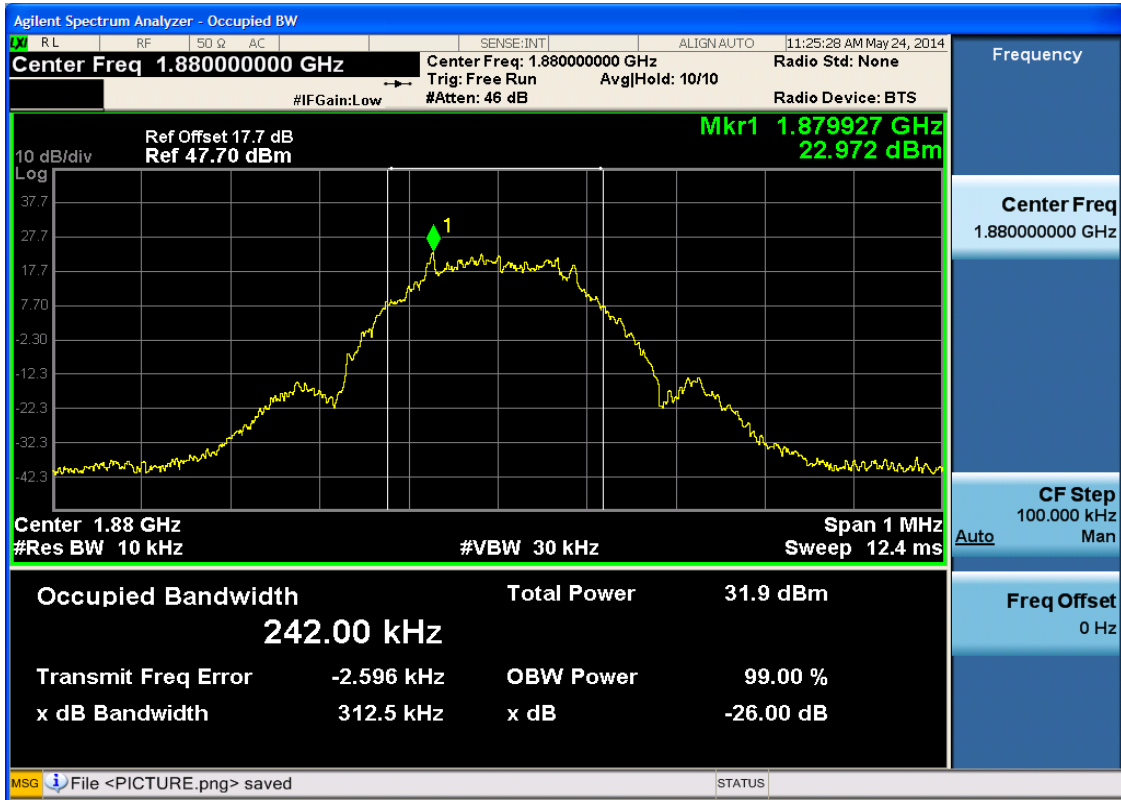


4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH



4.1.2.2.2 Test Channel = MCH



4.1.2.2.3 Test Channel = HCH



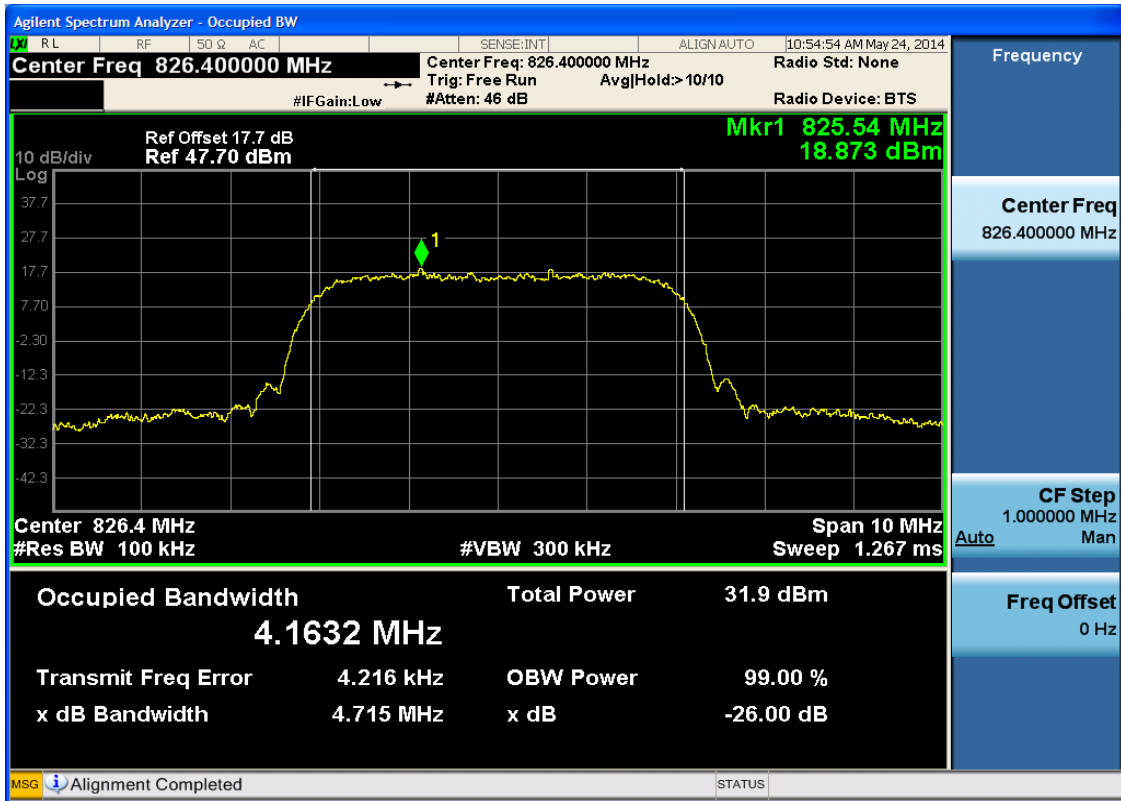


4.2 For UMTS

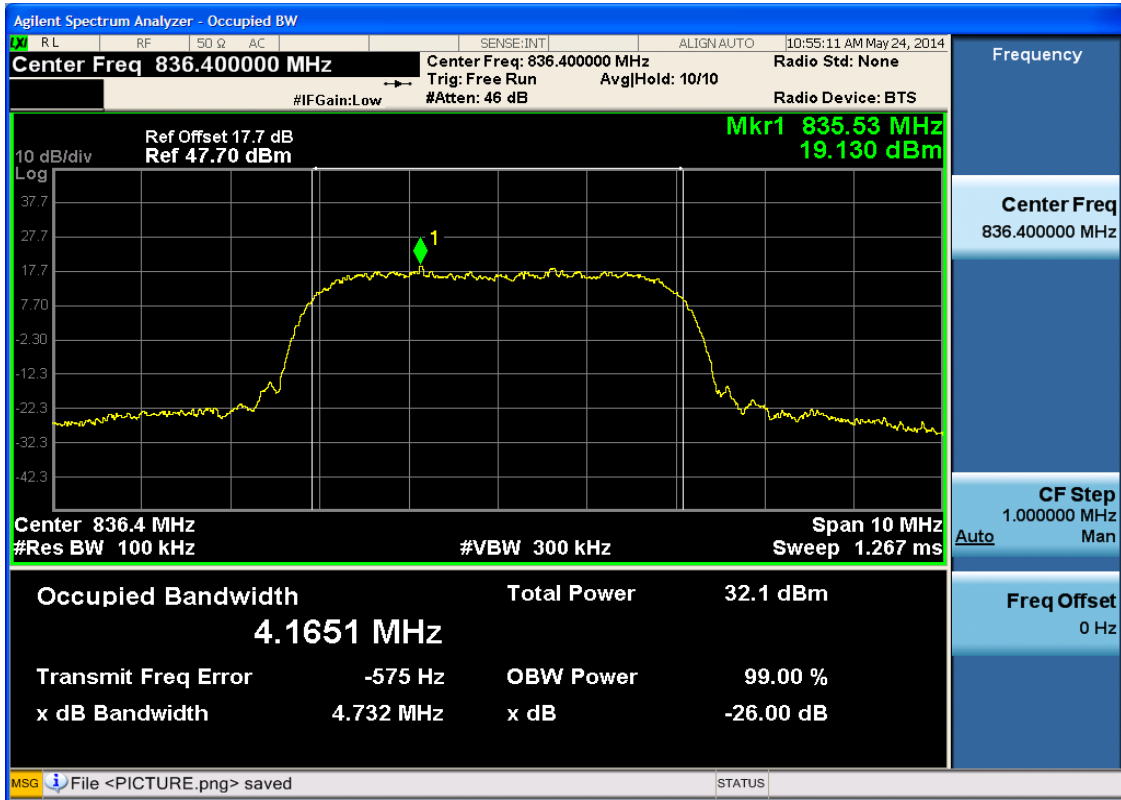
4.2.1 Test Band = WCDMA850

4.2.1.1 Test Mode = UMTS/TM1

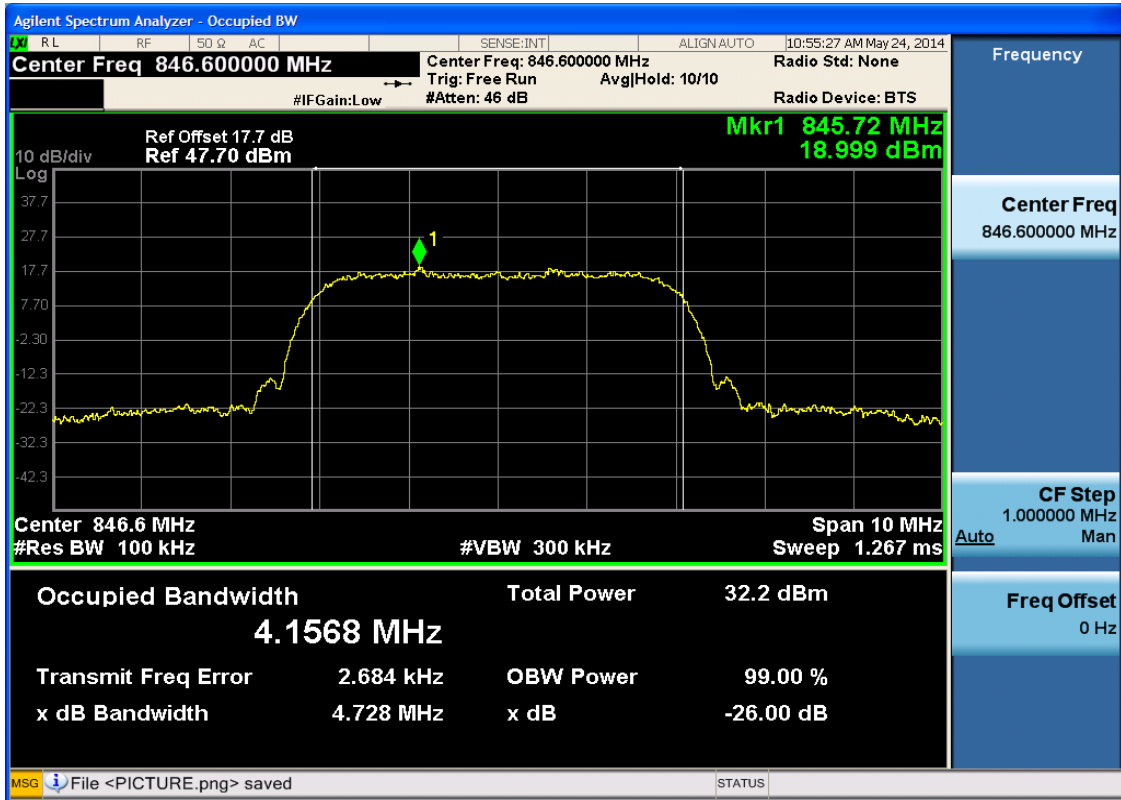
4.2.1.1.1 Test Channel = LCH



4.2.1.1.2 Test Channel = MCH



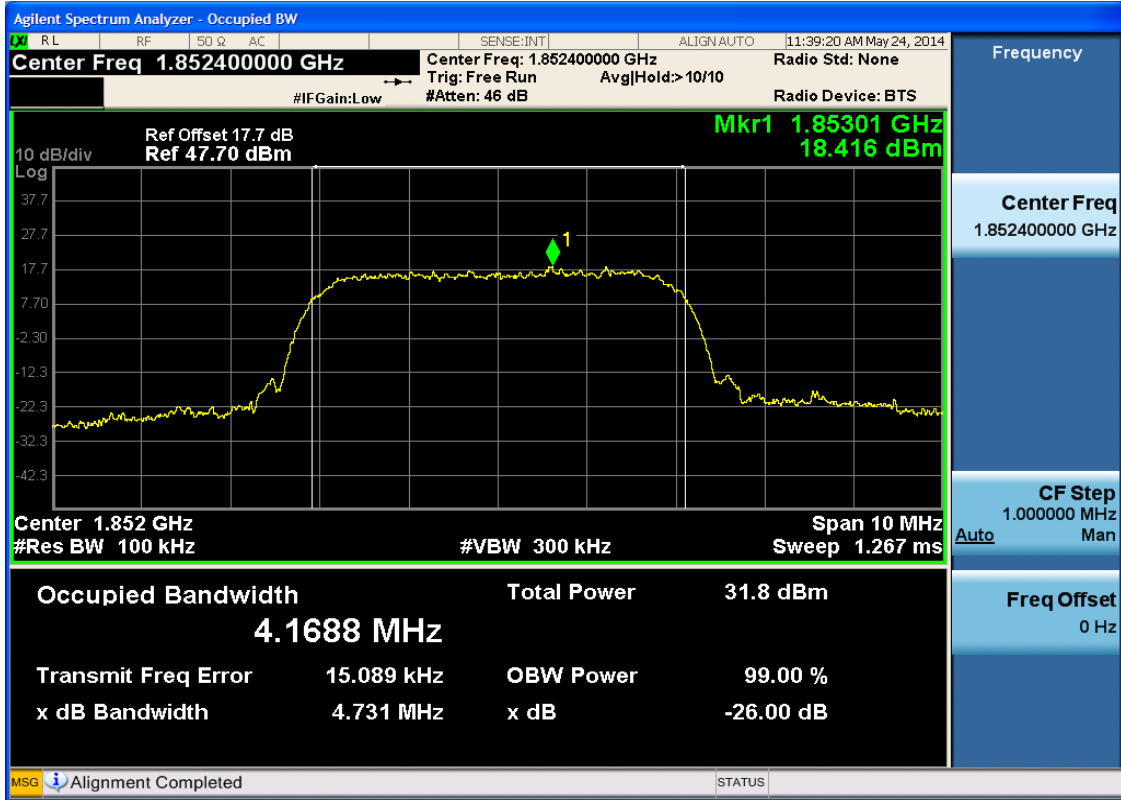
4.2.1.1.3 Test Channel = HCH



4.2.2 Test Band = WCDMA1900

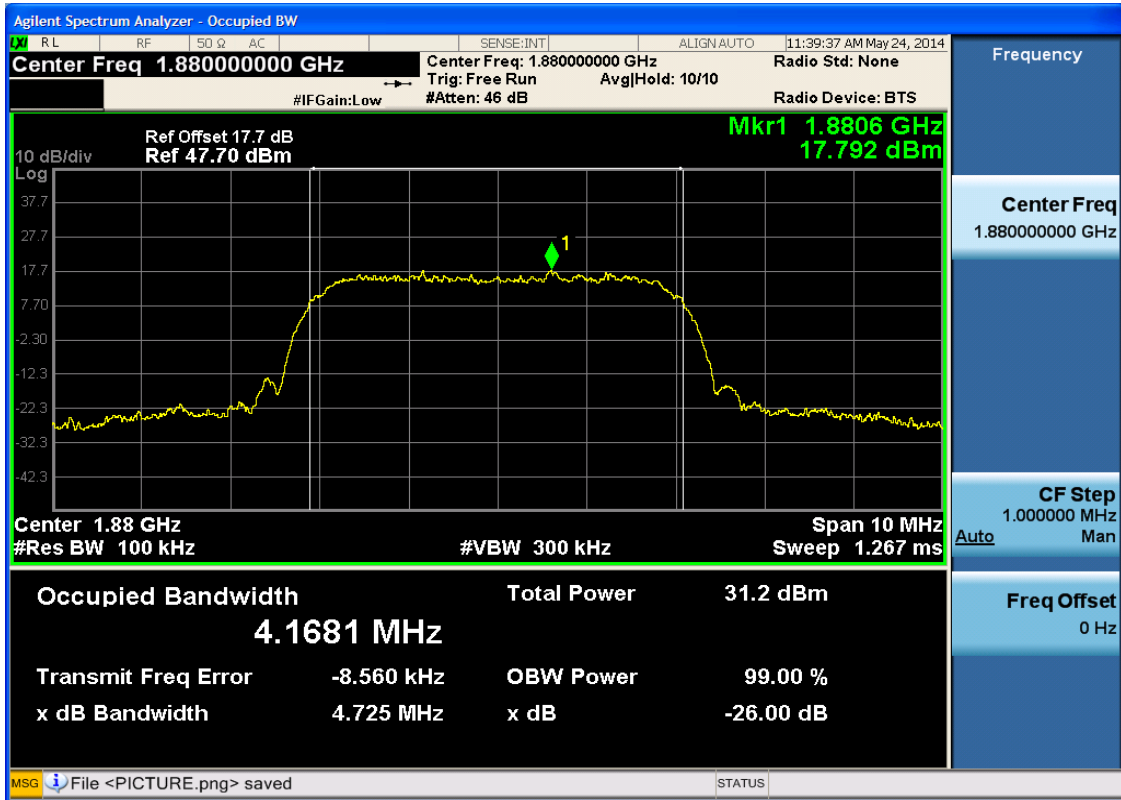
4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH



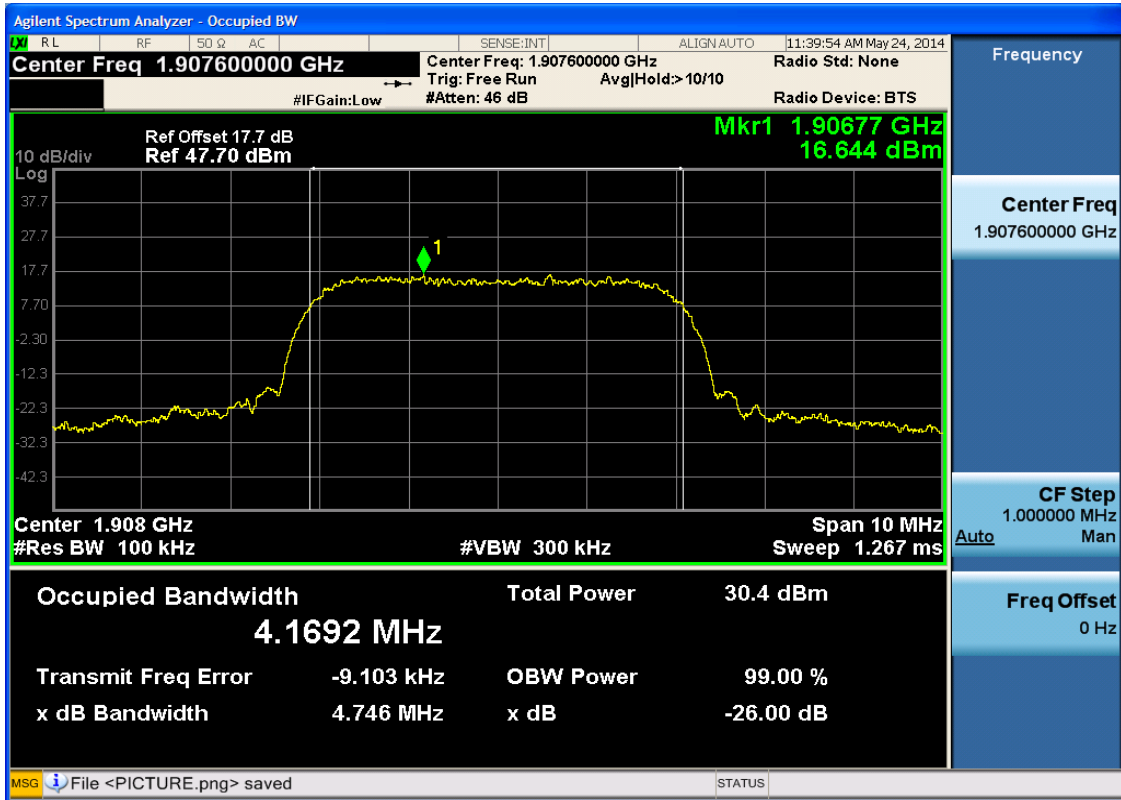


4.2.2.1.2 Test Channel = MCH





4.2.2.1.3 Test Channel = HCH



5Appendix_E: Band Edges Compliance

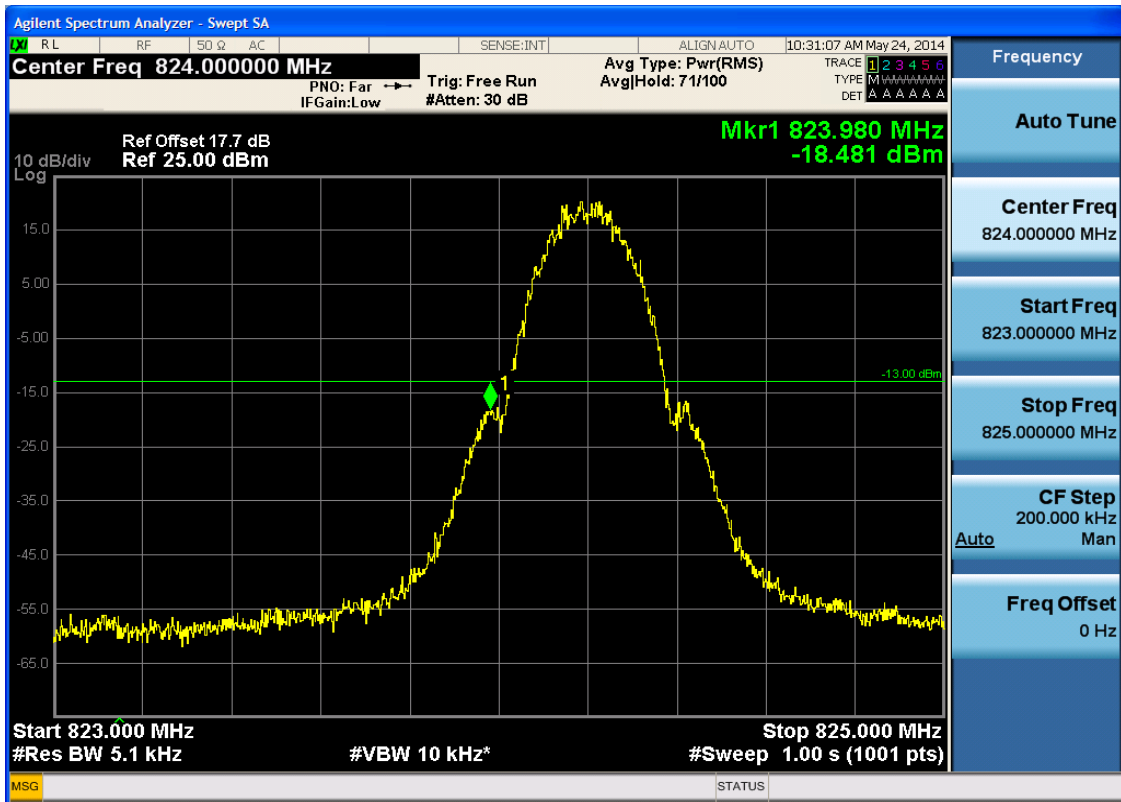
Part I - Test Plots

5.1 For GSM

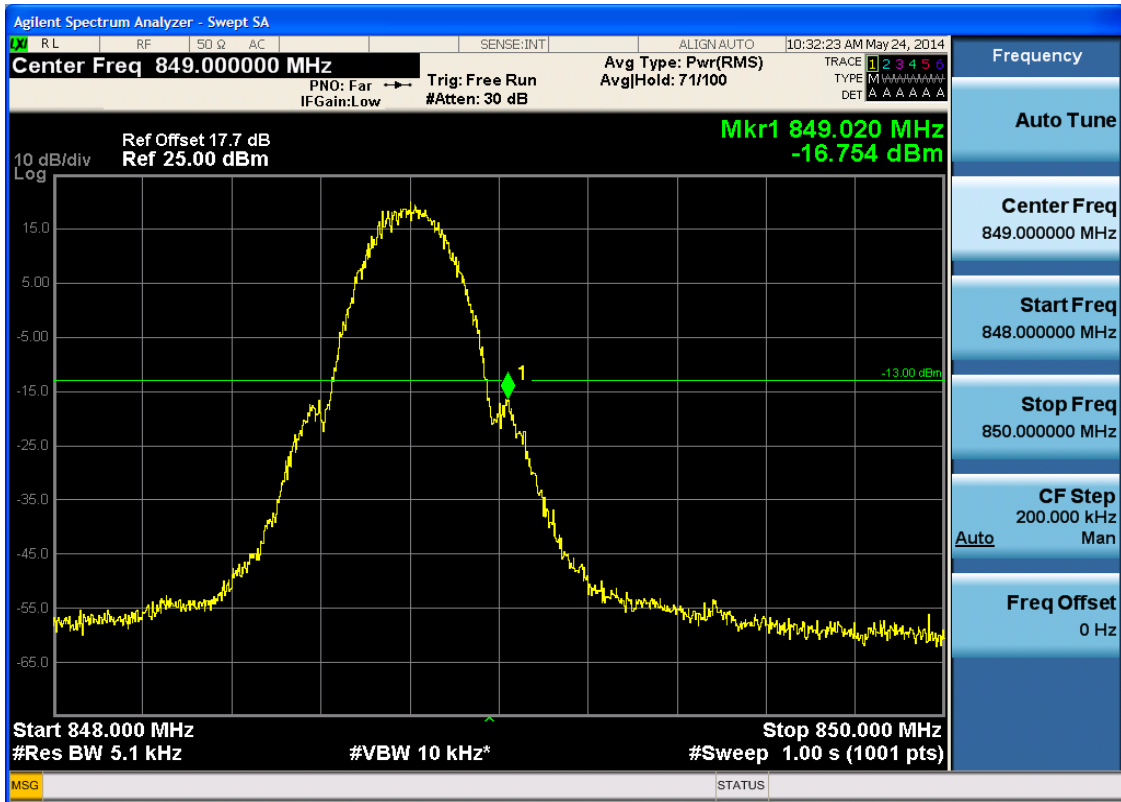
5.1.1 Test Band = GSM850

5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH

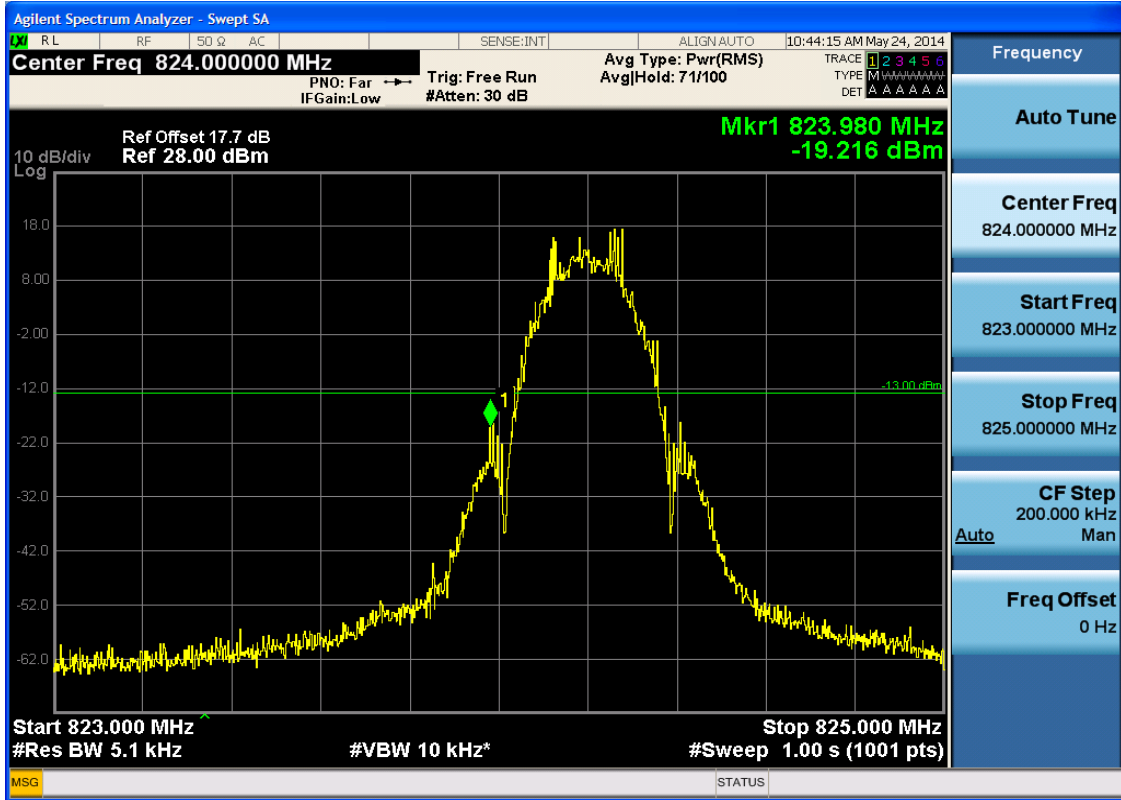


5.1.1.1.2 Test Channel = HCH

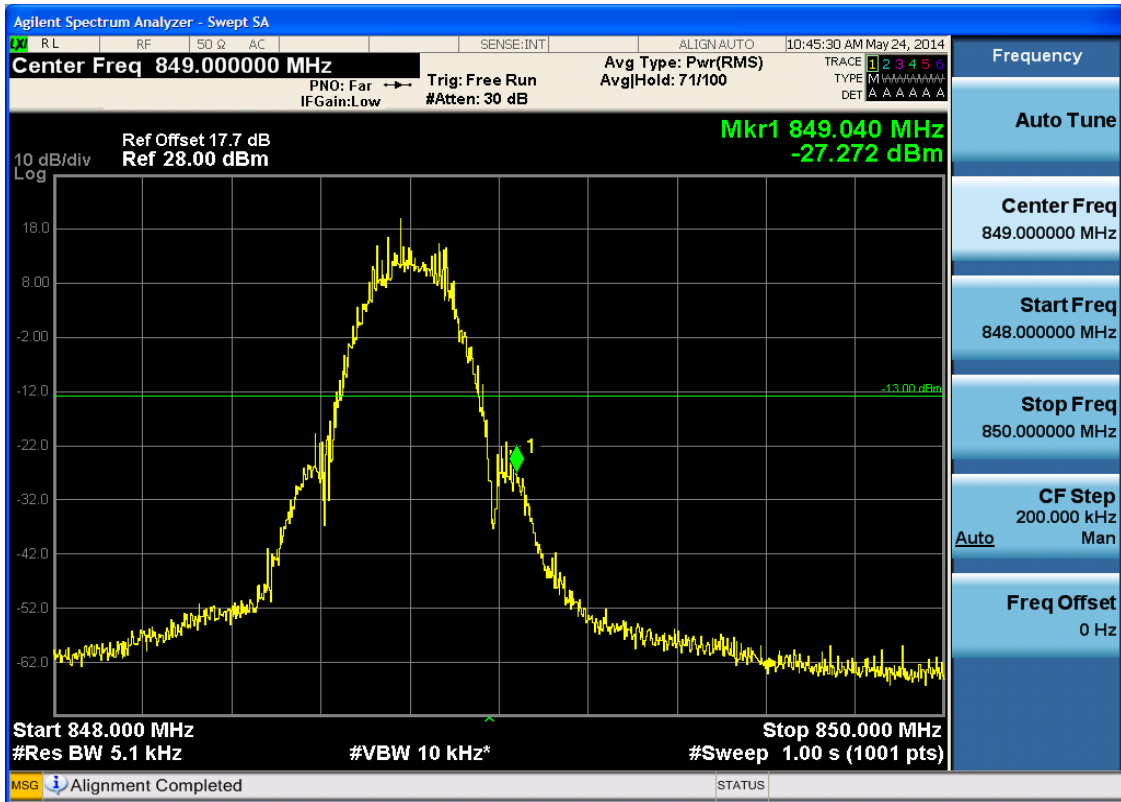


5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH



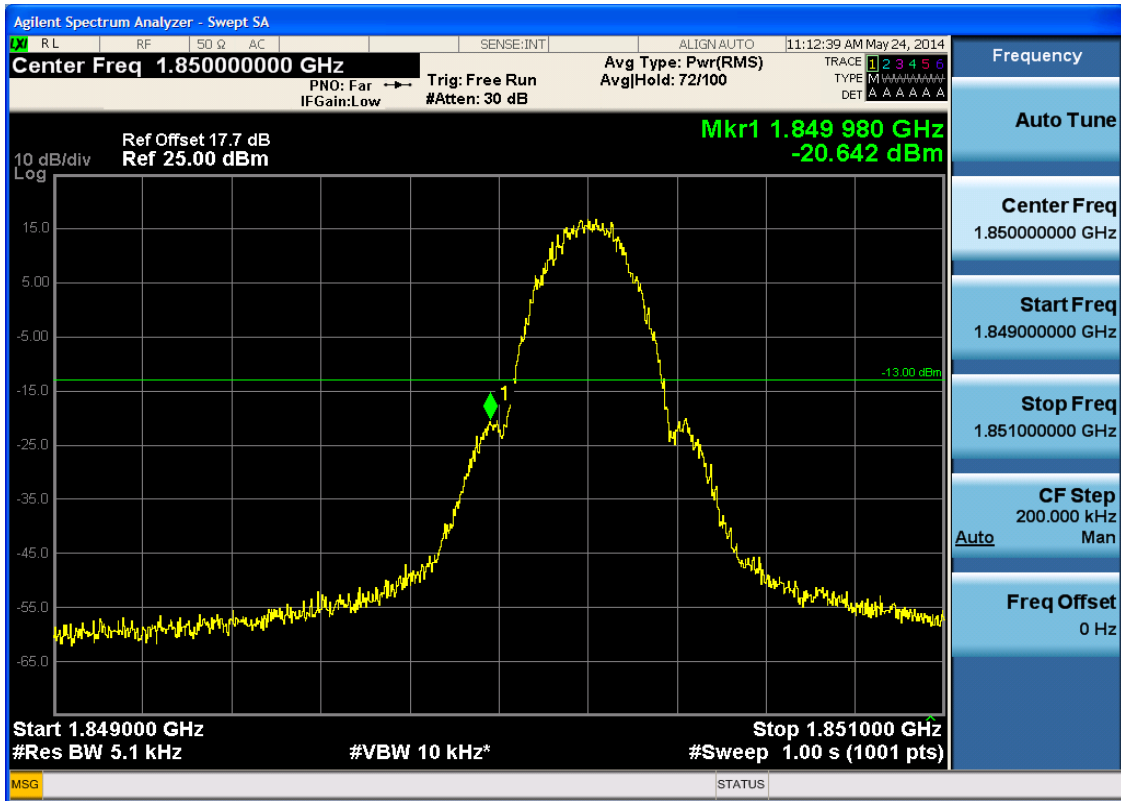
5.1.1.2.2 Test Channel = HCH



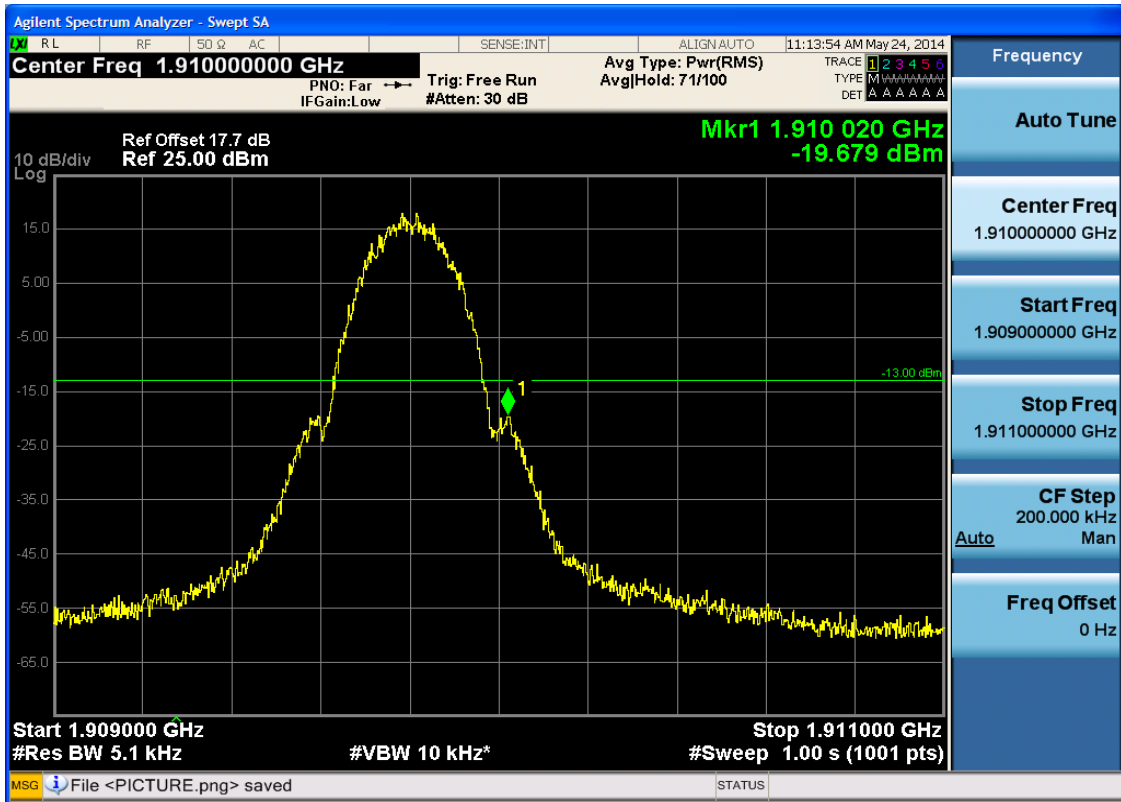
5.1.2 Test Band = GSM1900

5.1.2.1 Test Mode = GSM/TM1

5.1.2.1.1 Test Channel = LCH

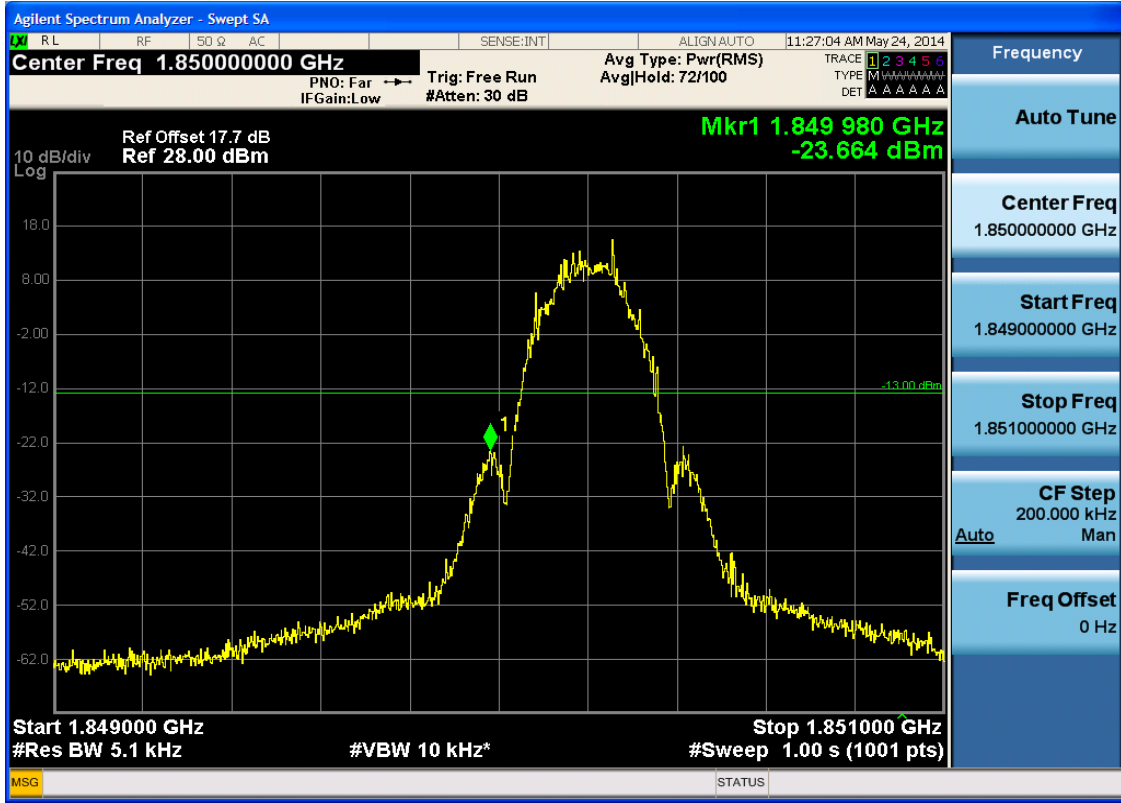


5.1.2.1.2 Test Channel = HCH

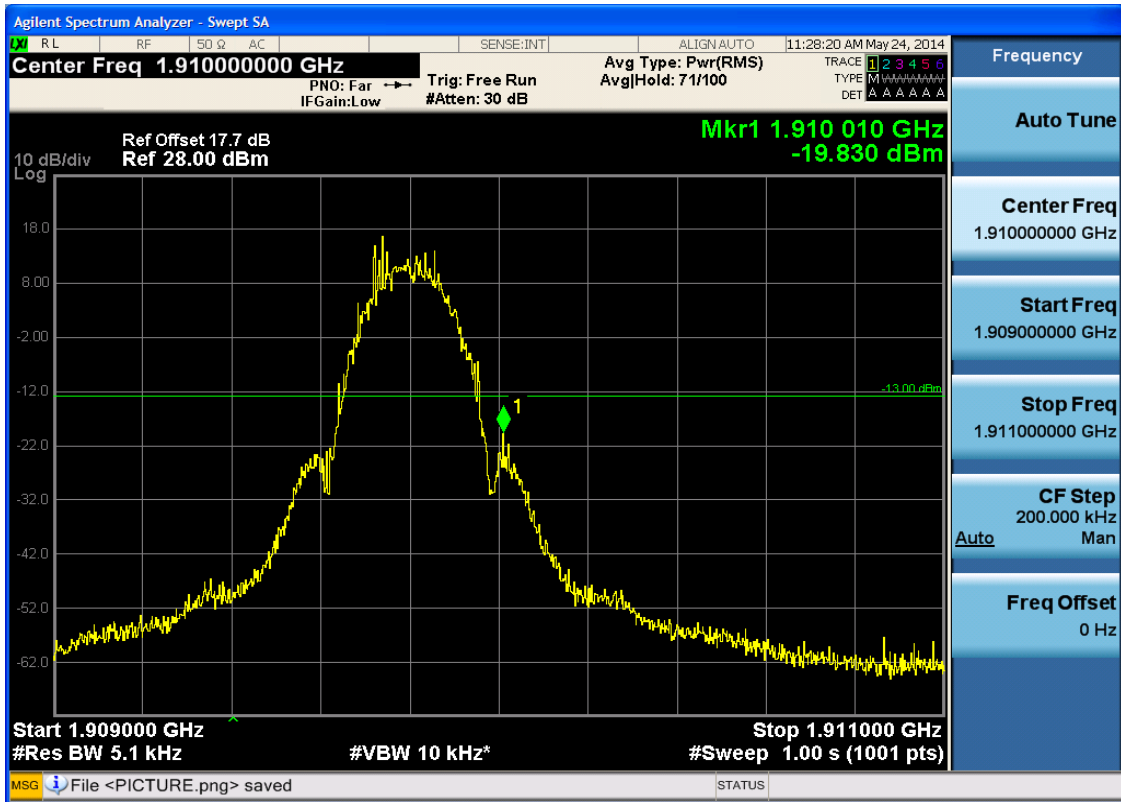


5.1.2.2 Test Mode = GSM/TM2

5.1.2.2.1 Test Channel = LCH



5.1.2.2.2 Test Channel = HCH





5.2 For UMTS

5.2.1 Test Band = WCDMA850

5.2.1.1 Test Mode = UMTS/TM1

5.2.1.1.1 Test Channel = LCH



5.2.1.1.2 Test Channel = HCH



5.2.2 Test Band = WCDMA1900

5.2.2.1 Test Mode = UMTS/TM1

5.2.2.1.1 Test Channel = LCH



5.2.2.1.2 Test Channel = HCH



6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

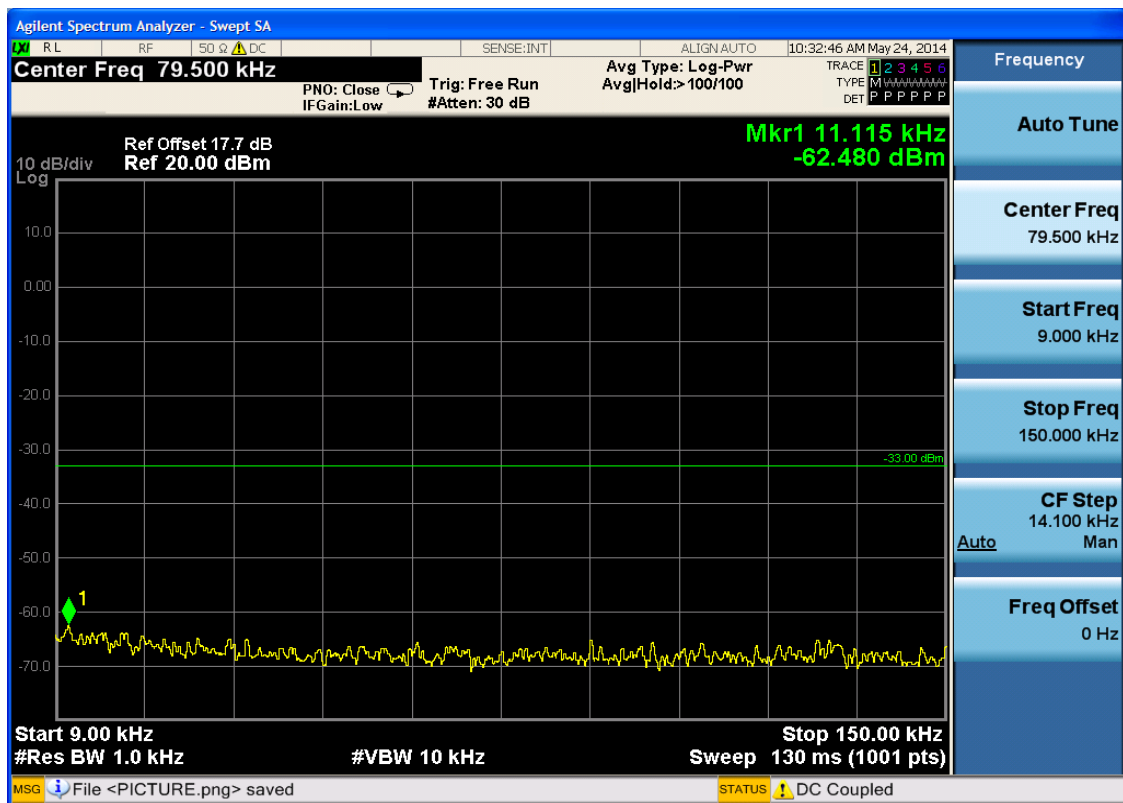
Part I - Test Plots

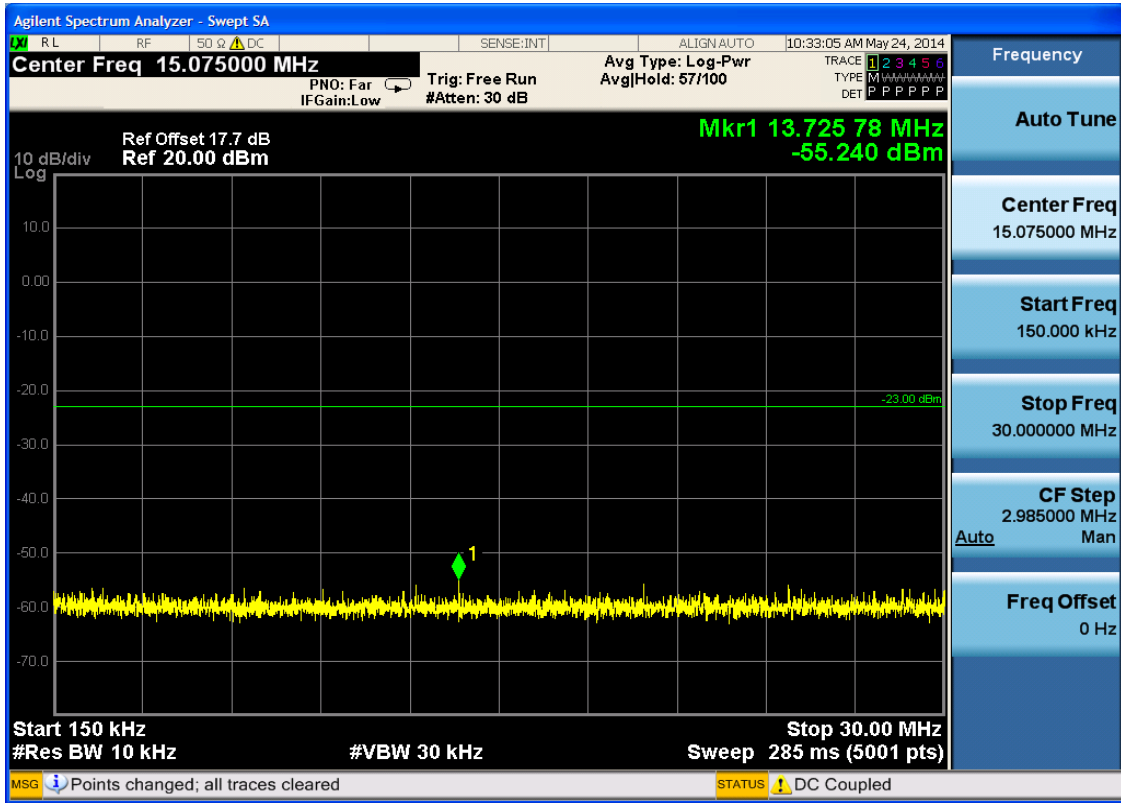
6.1 For GSM

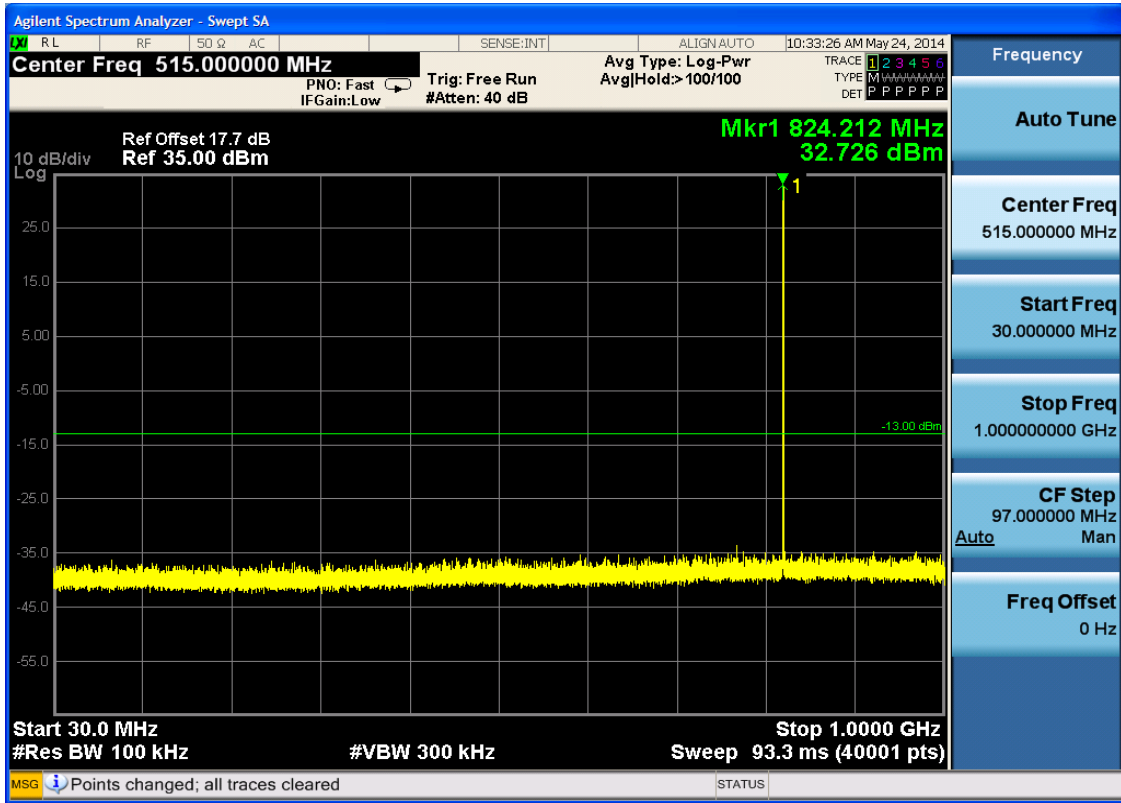
6.1.1 Test Band = GSM850

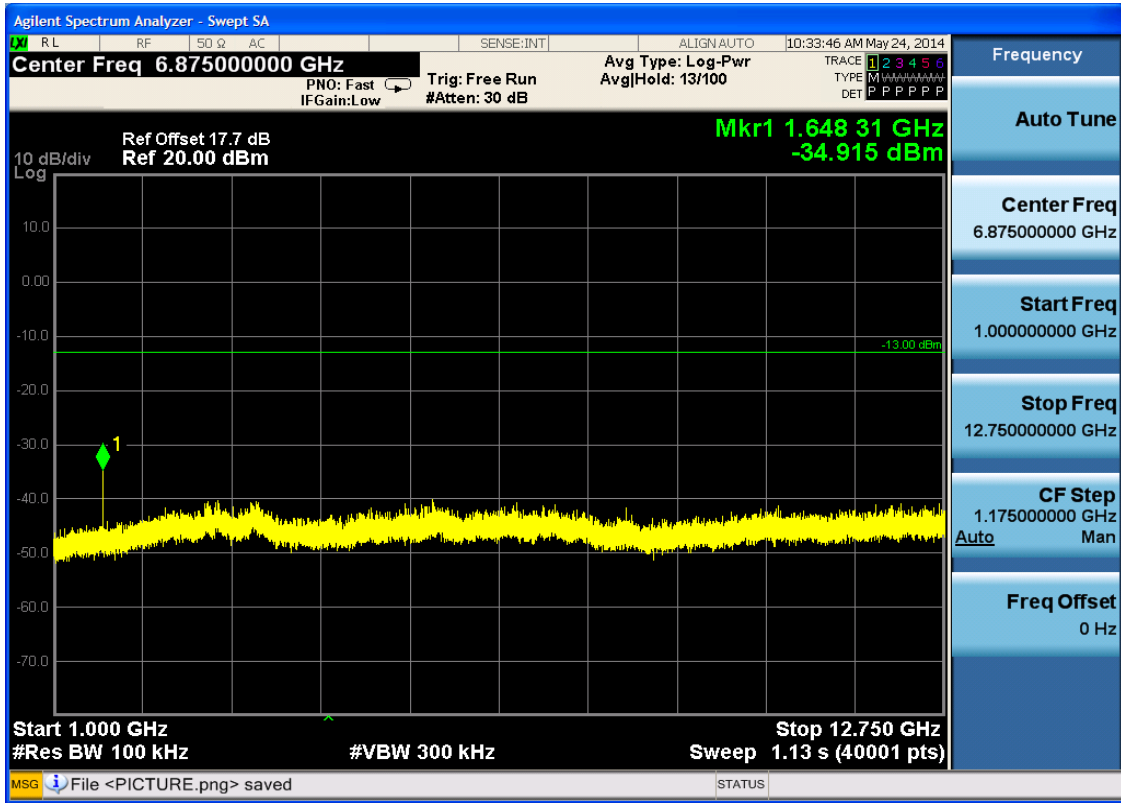
6.1.1.1 Test Mode = GSM/TM1

6.1.1.1.1 Test Channel = LCH



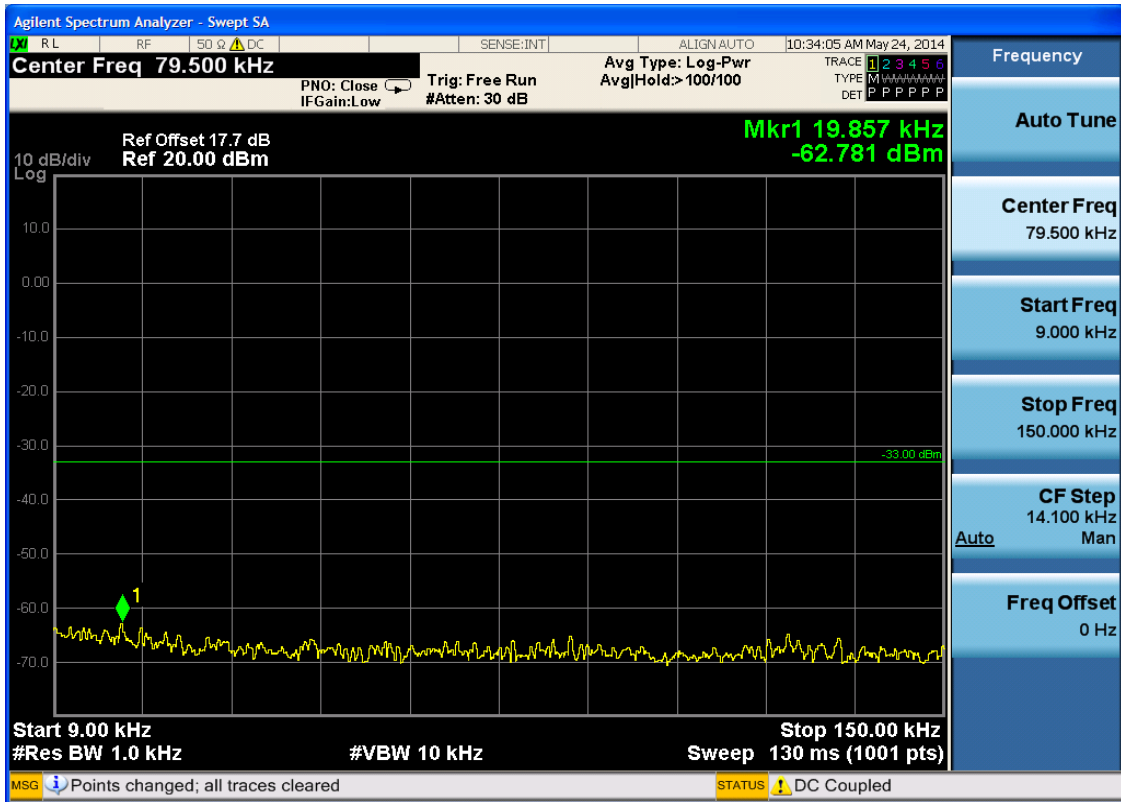


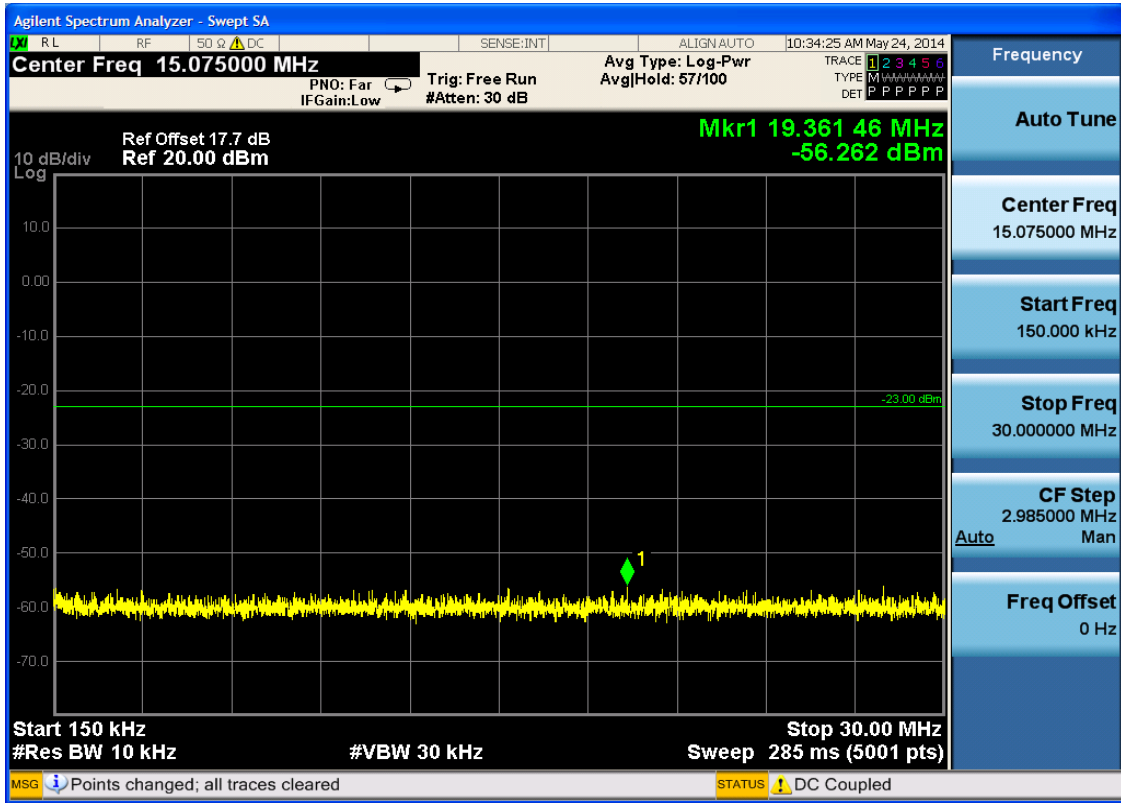


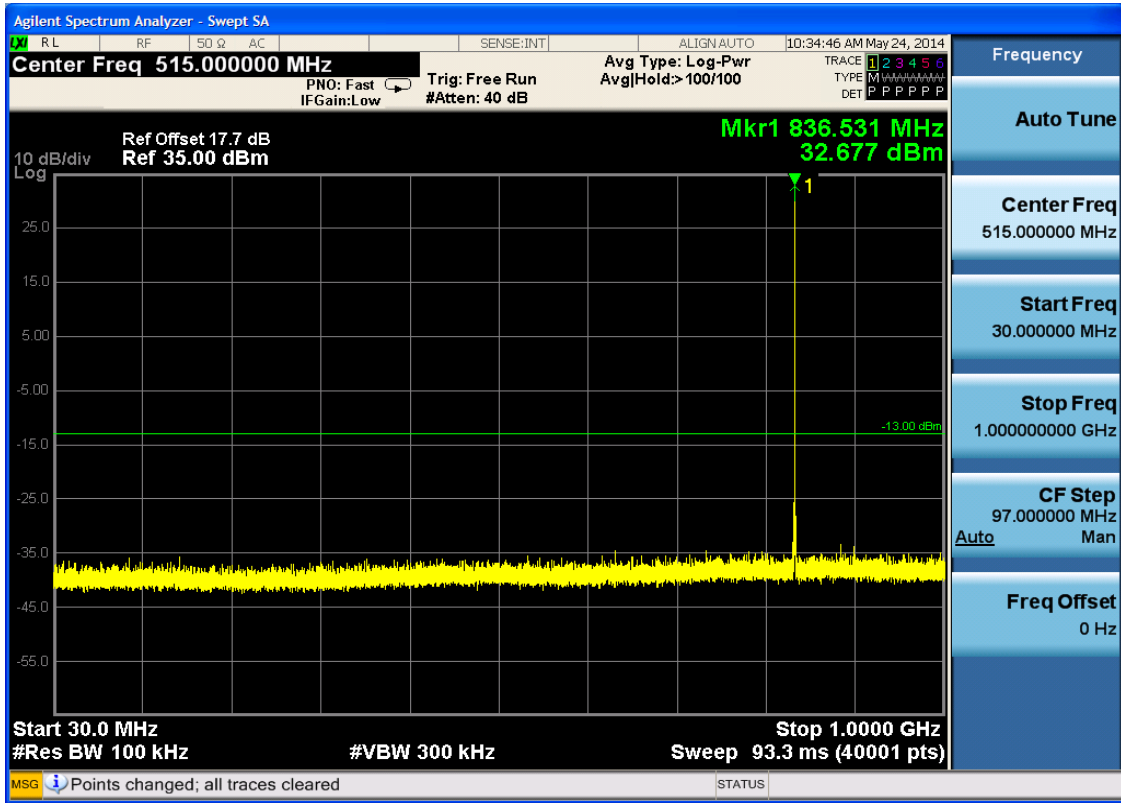


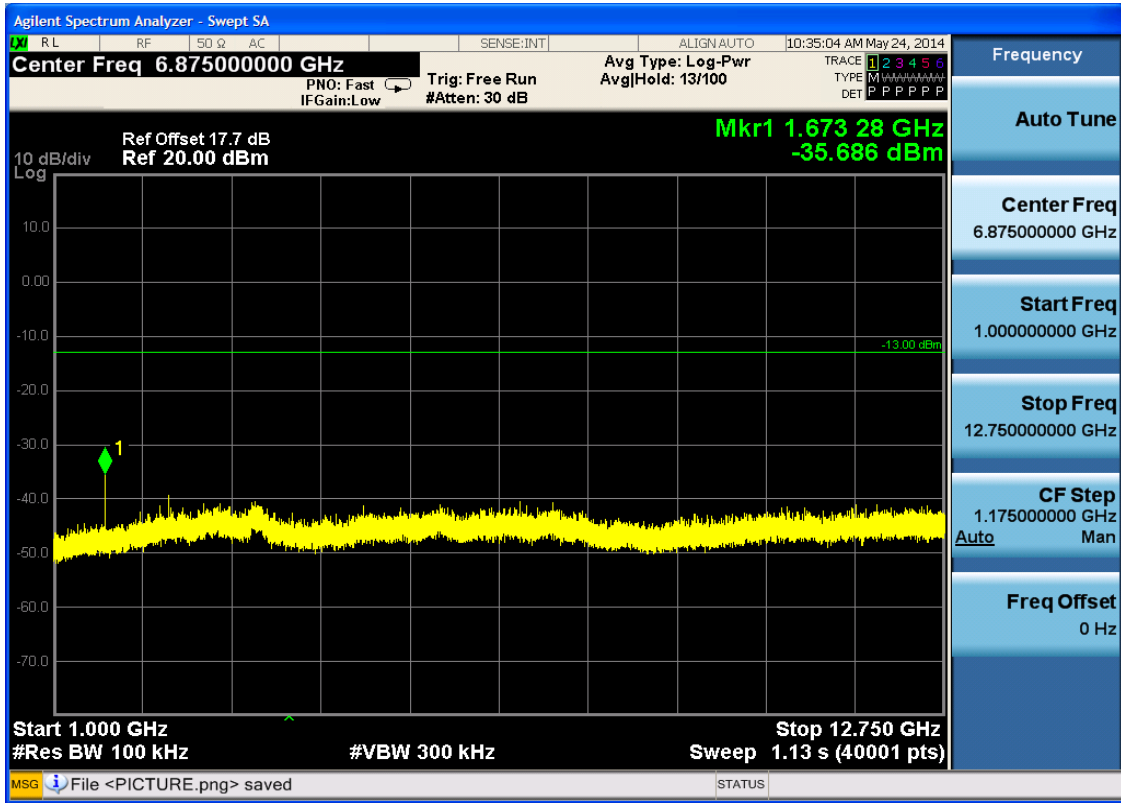


6.1.1.1.2 Test Channel = MCH



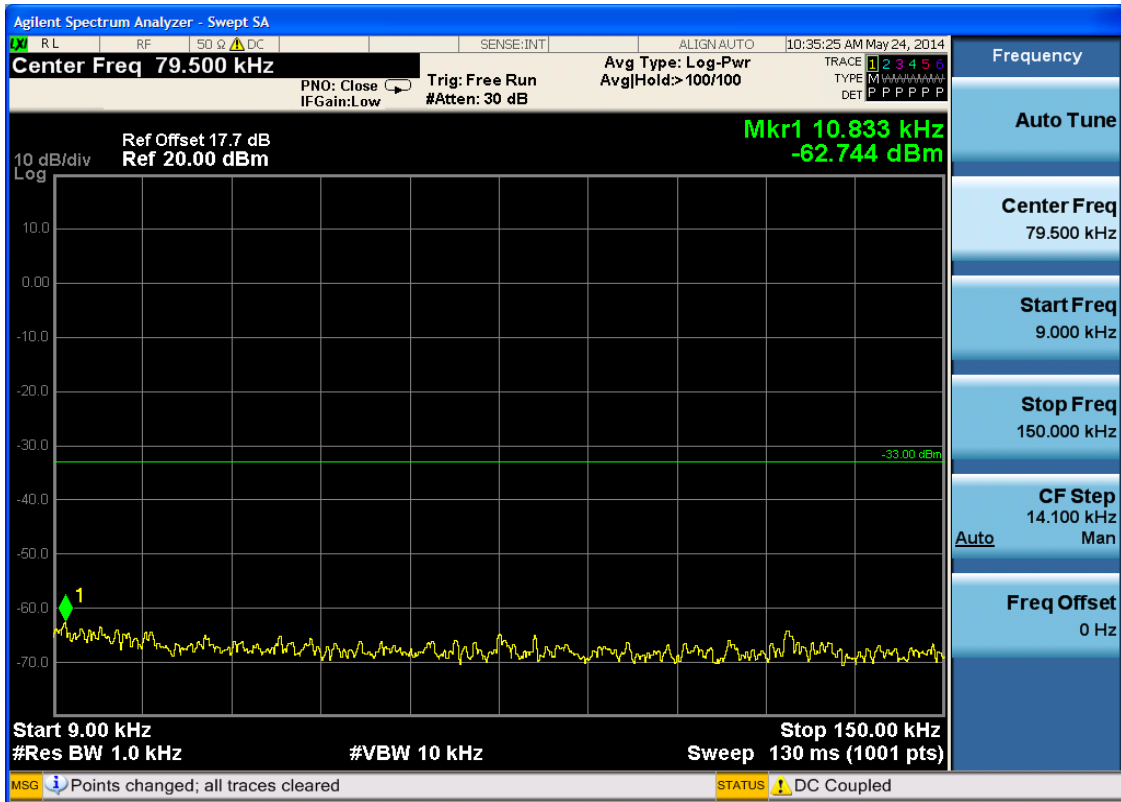


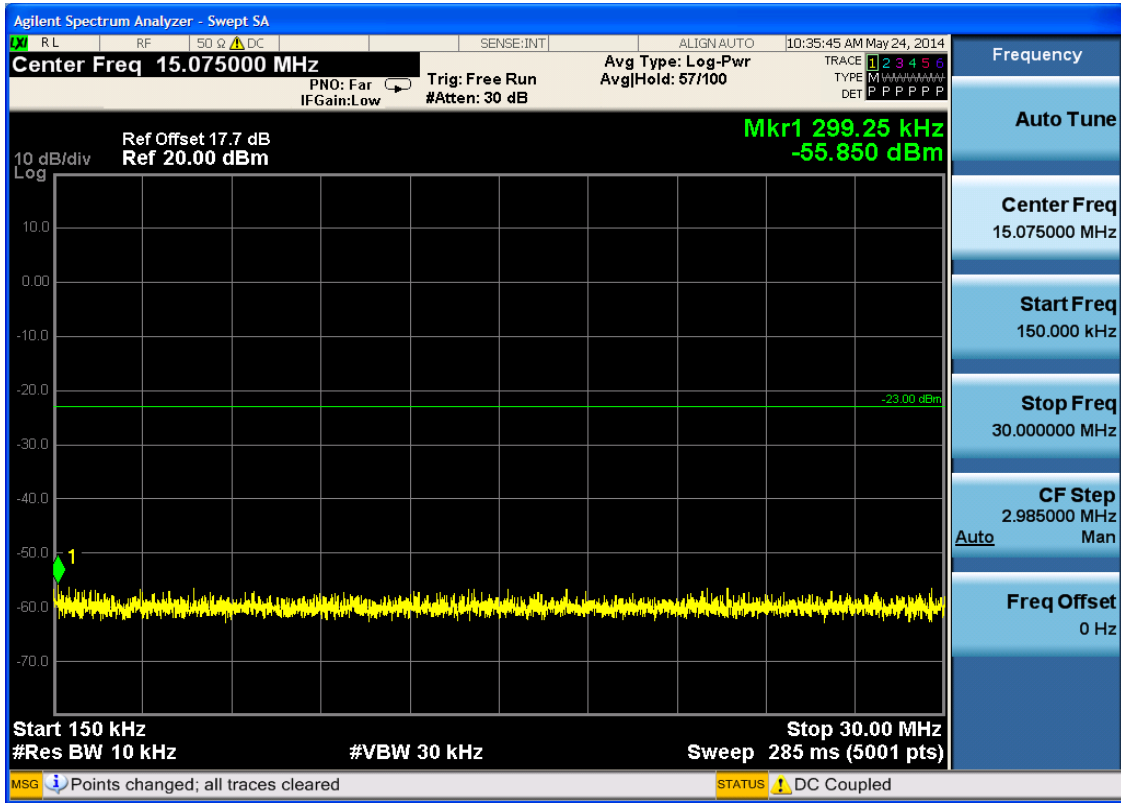


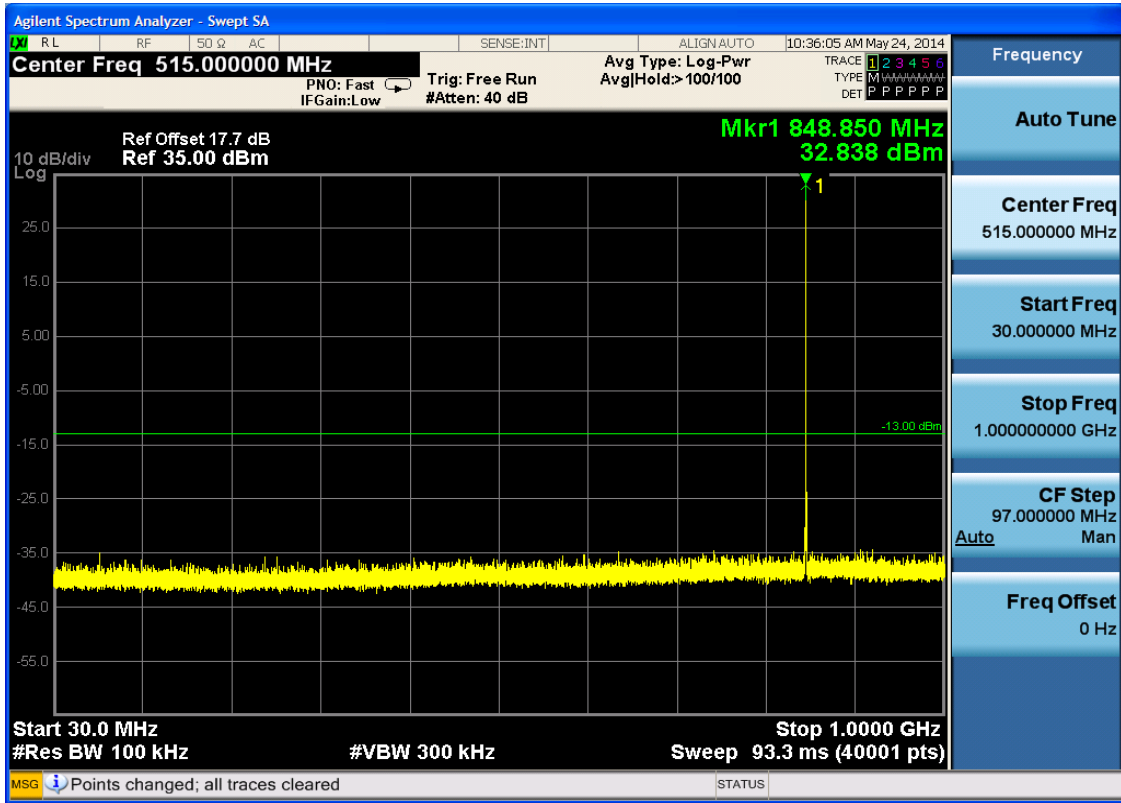


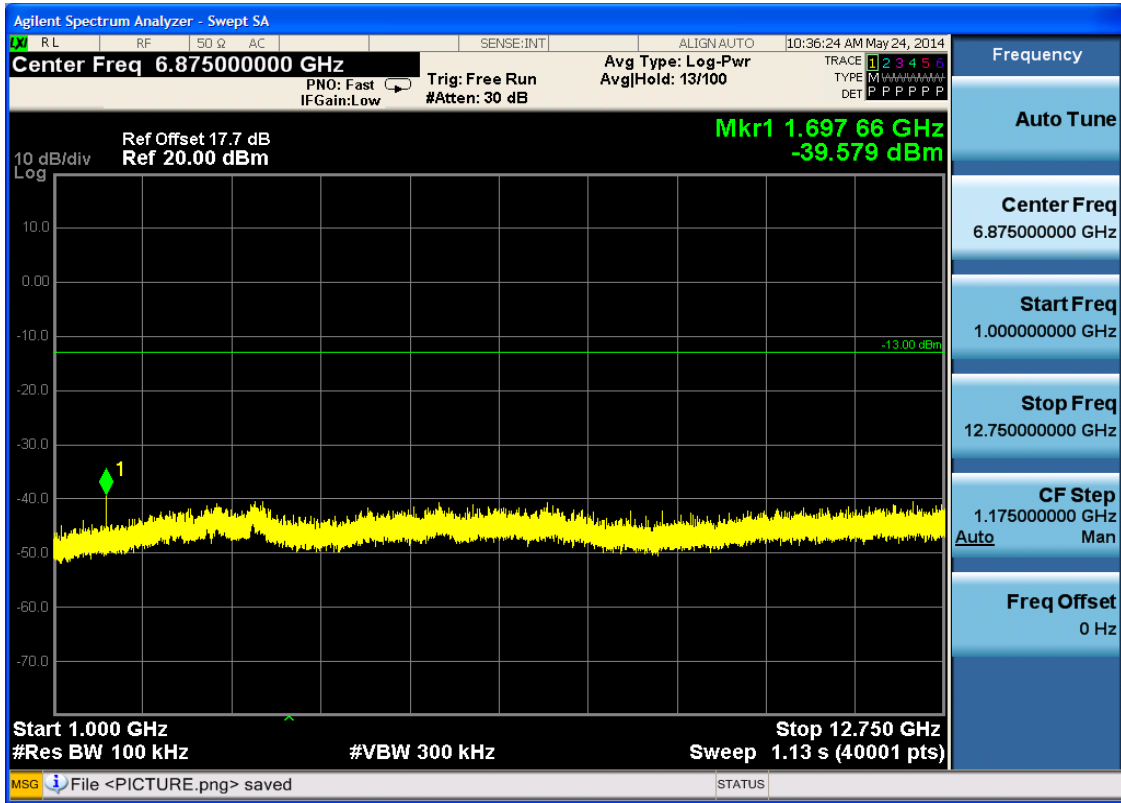


6.1.1.1.3 Test Channel = HCH



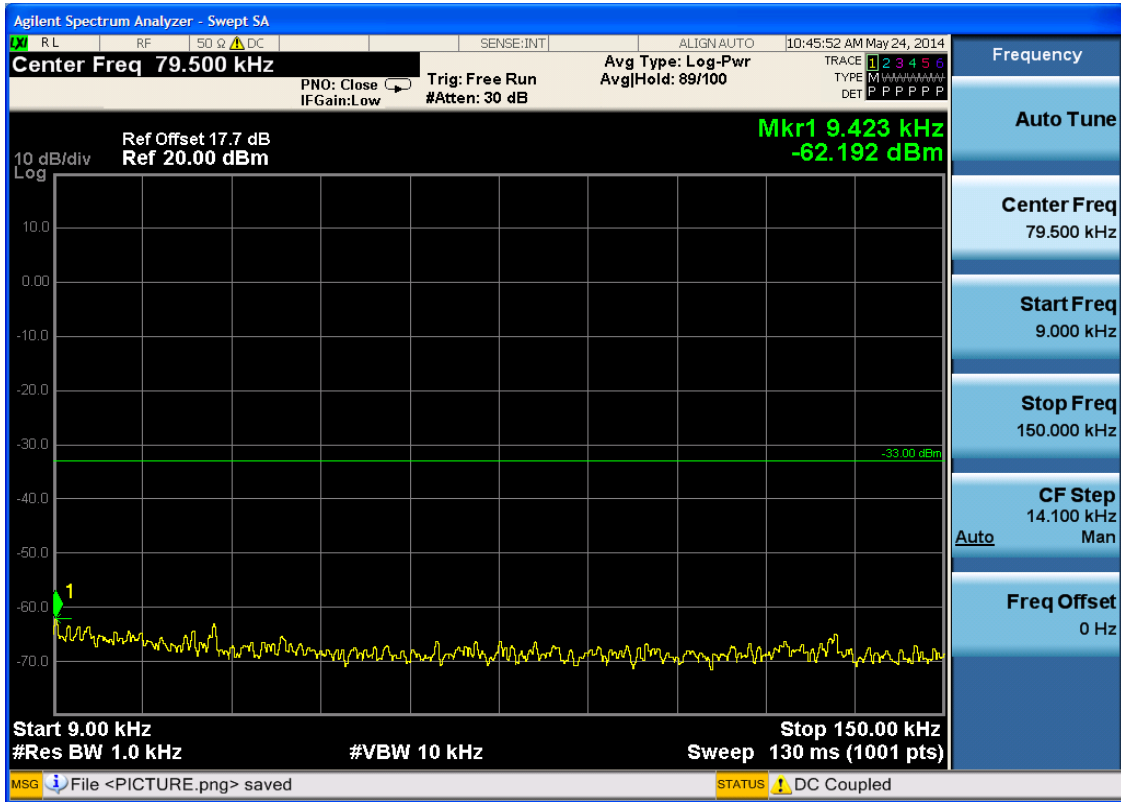


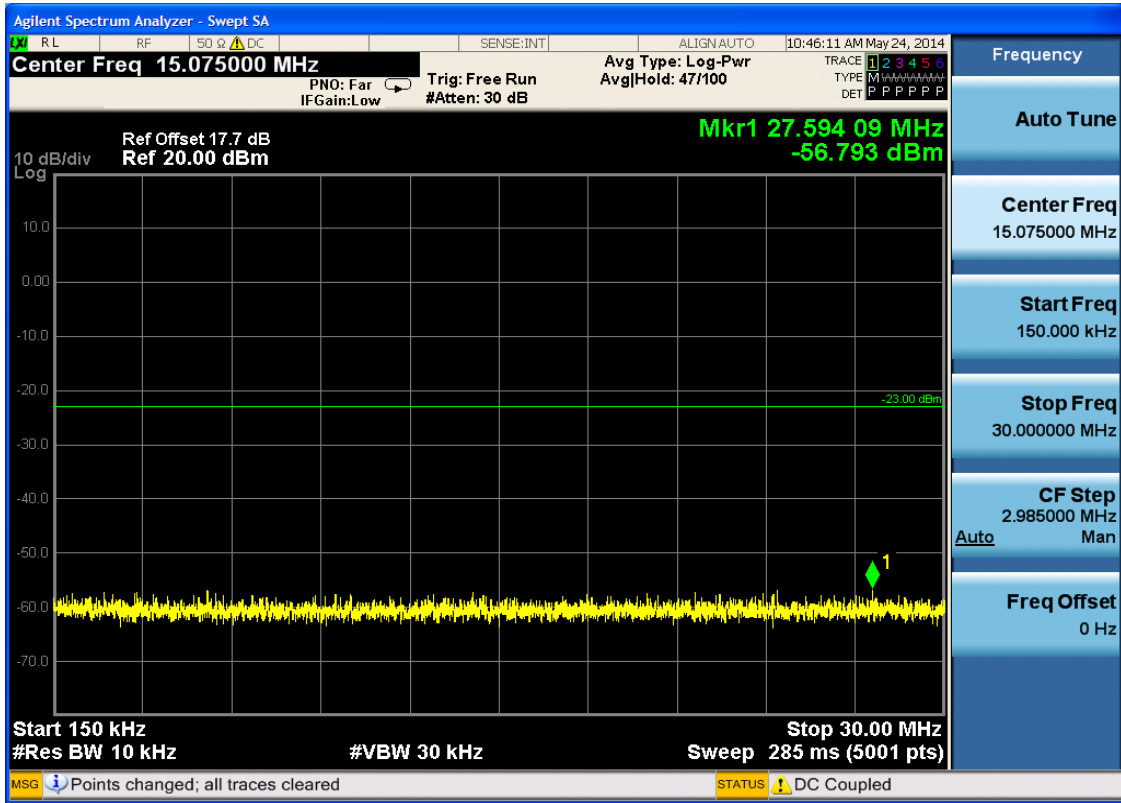


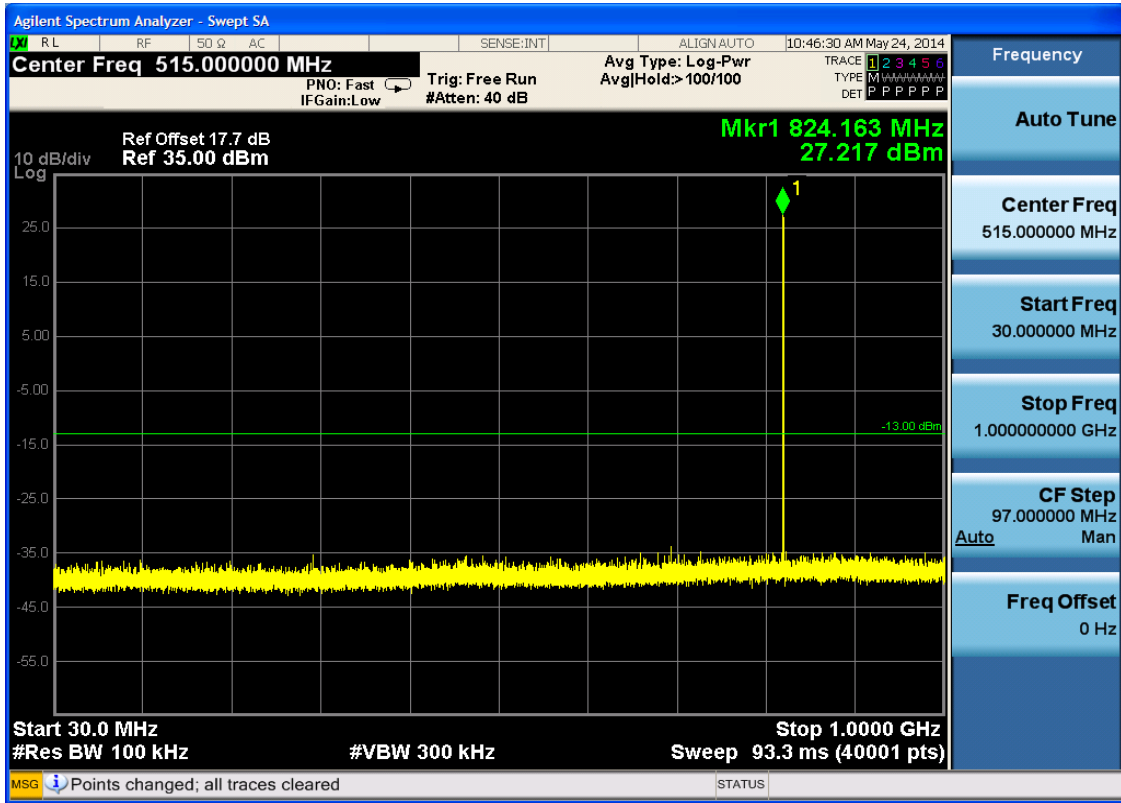


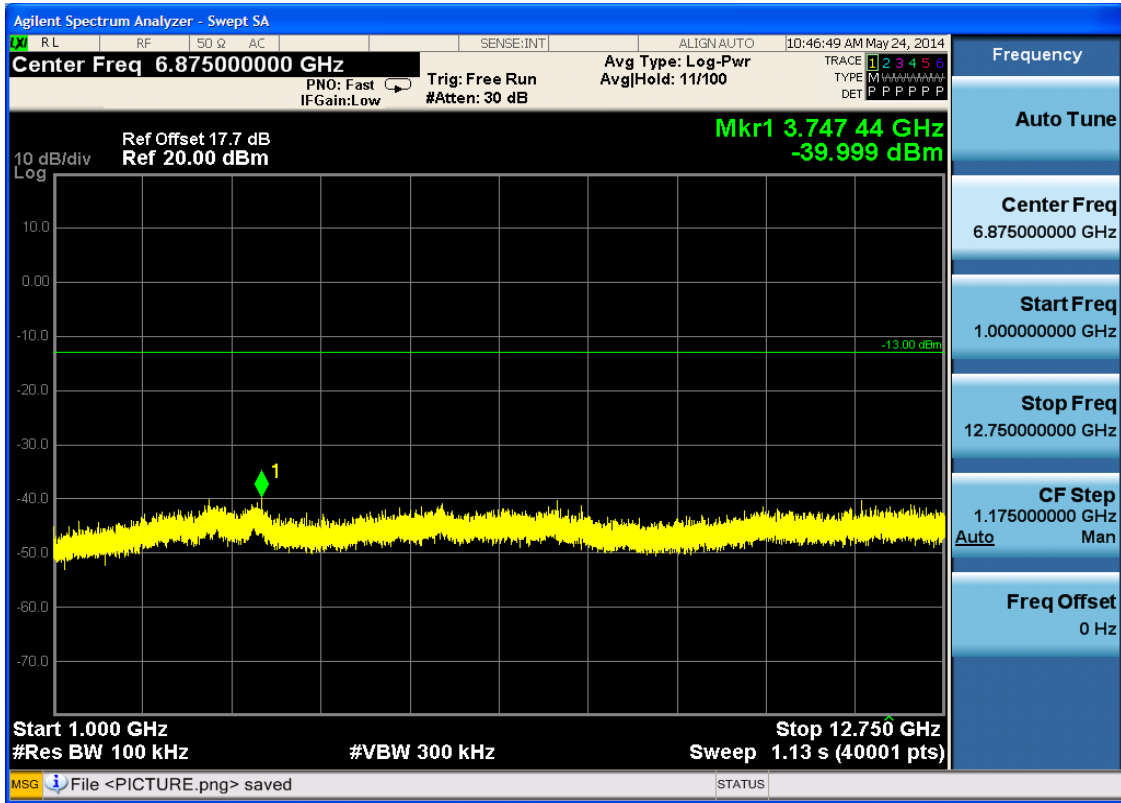
6.1.1.2 Test Mode = GSM/TM2

6.1.1.2.1 Test Channel = LCH



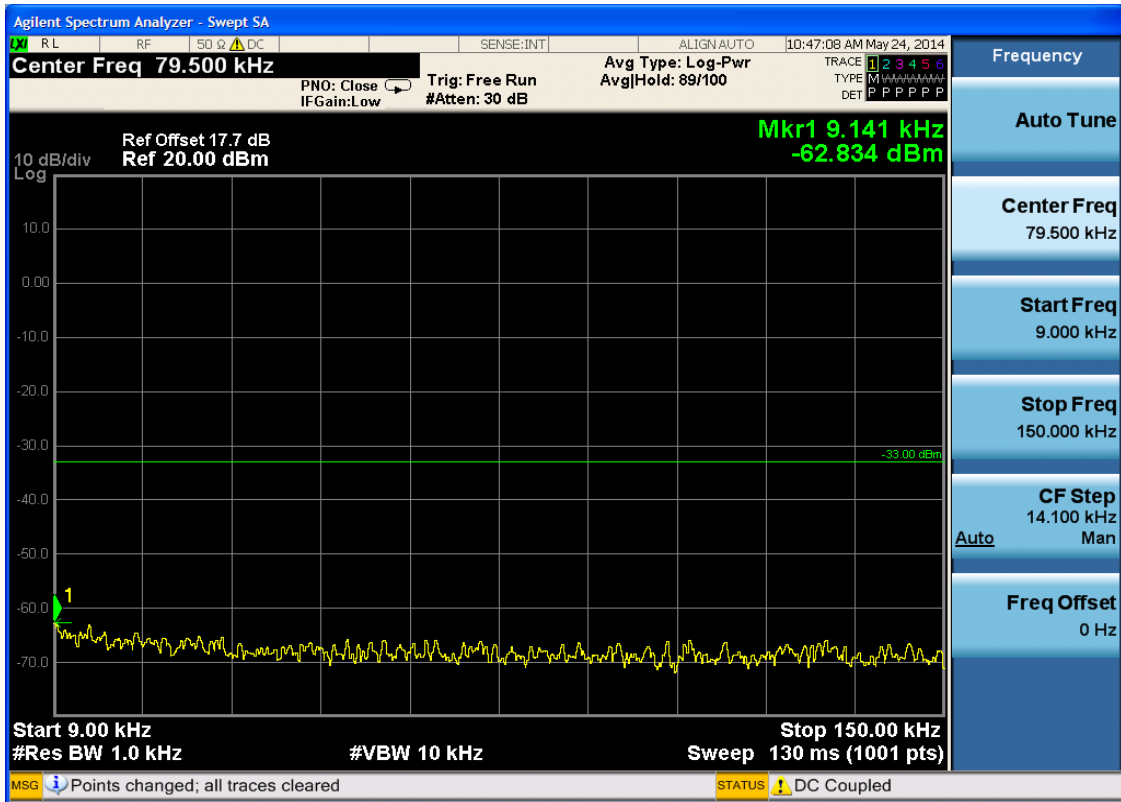


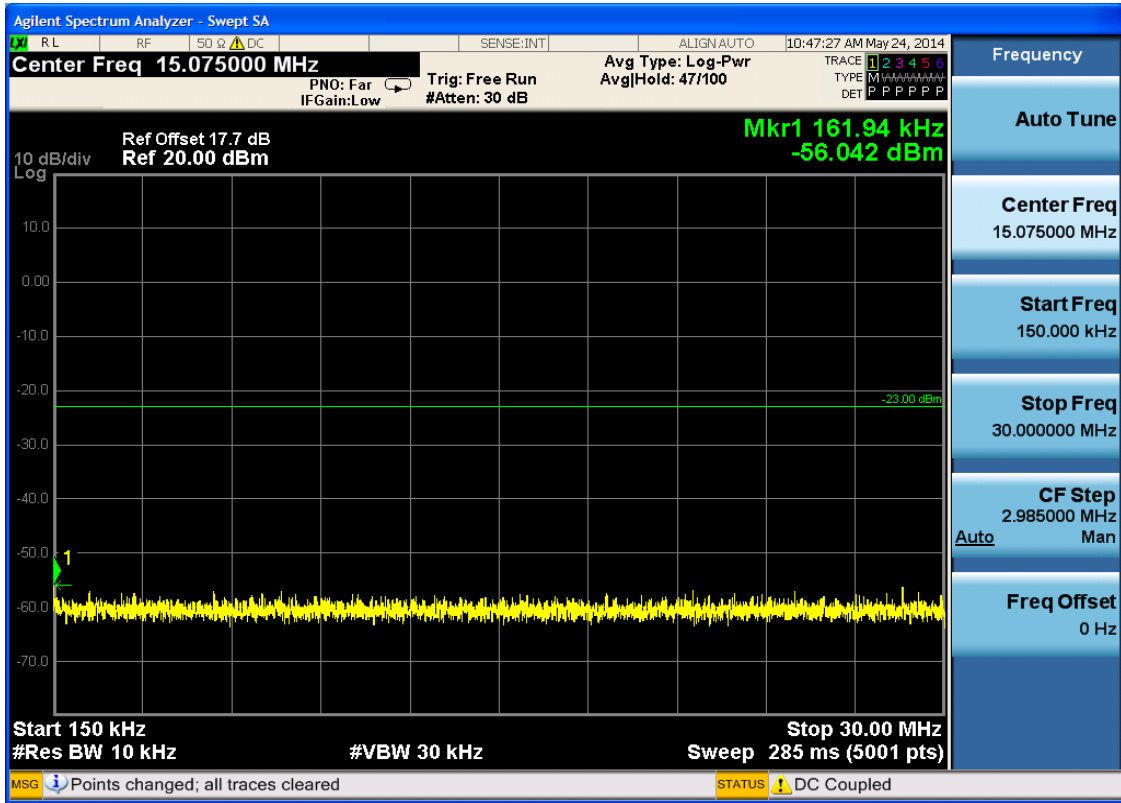


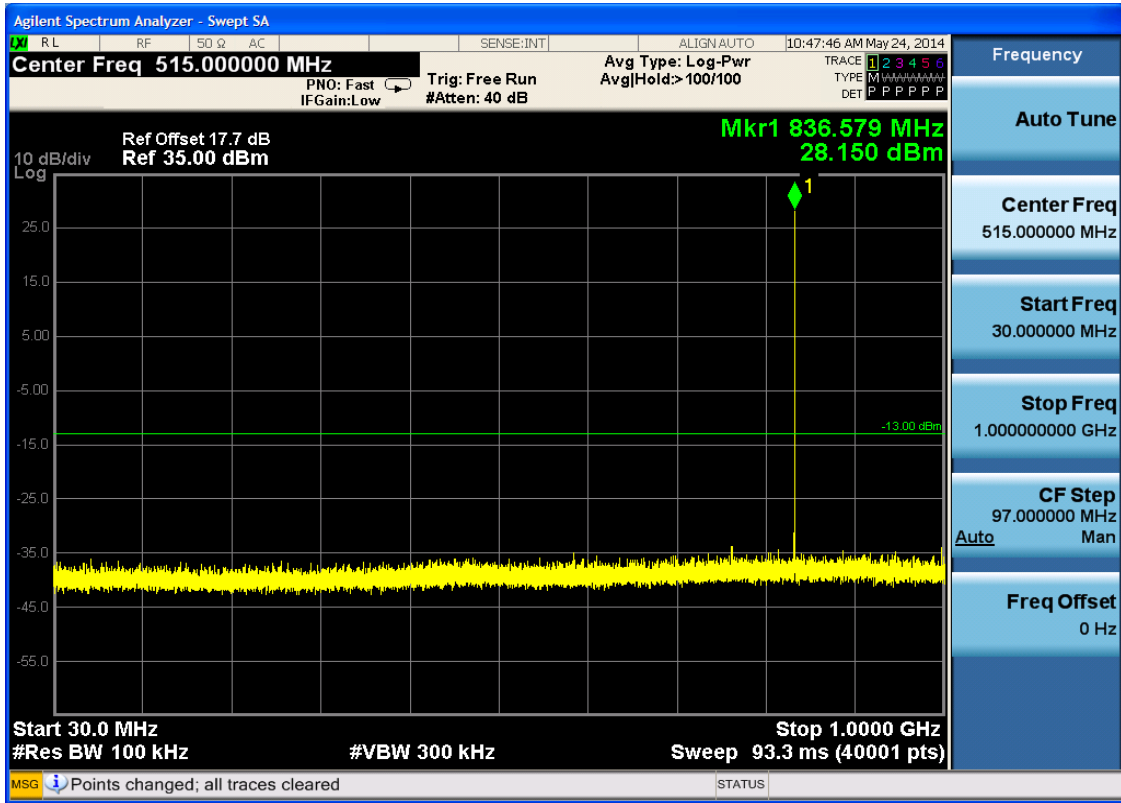


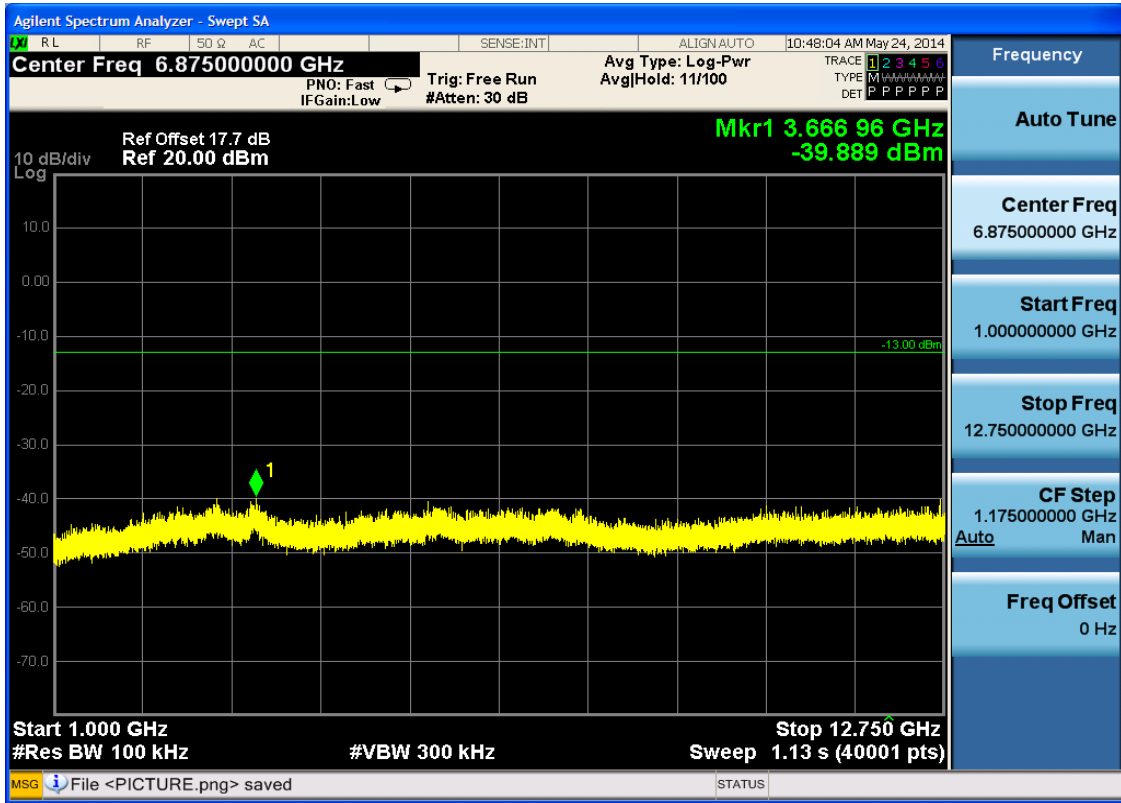


6.1.1.2.2 Test Channel = MCH



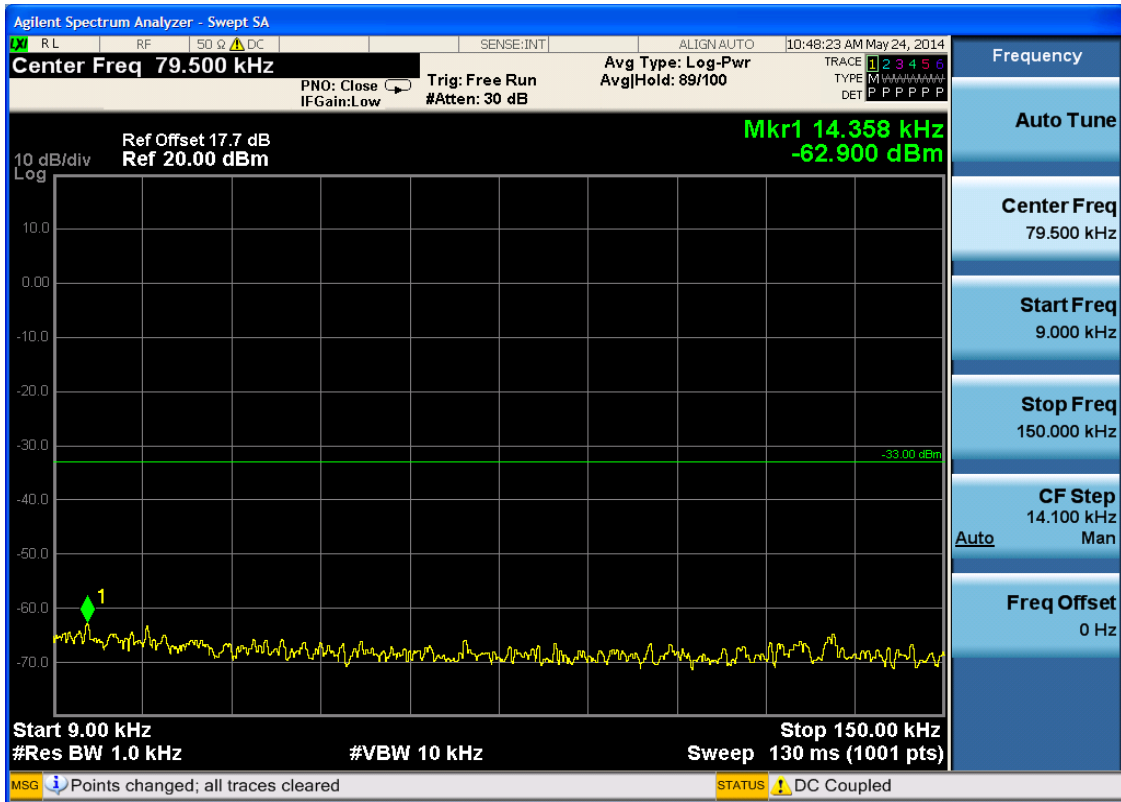


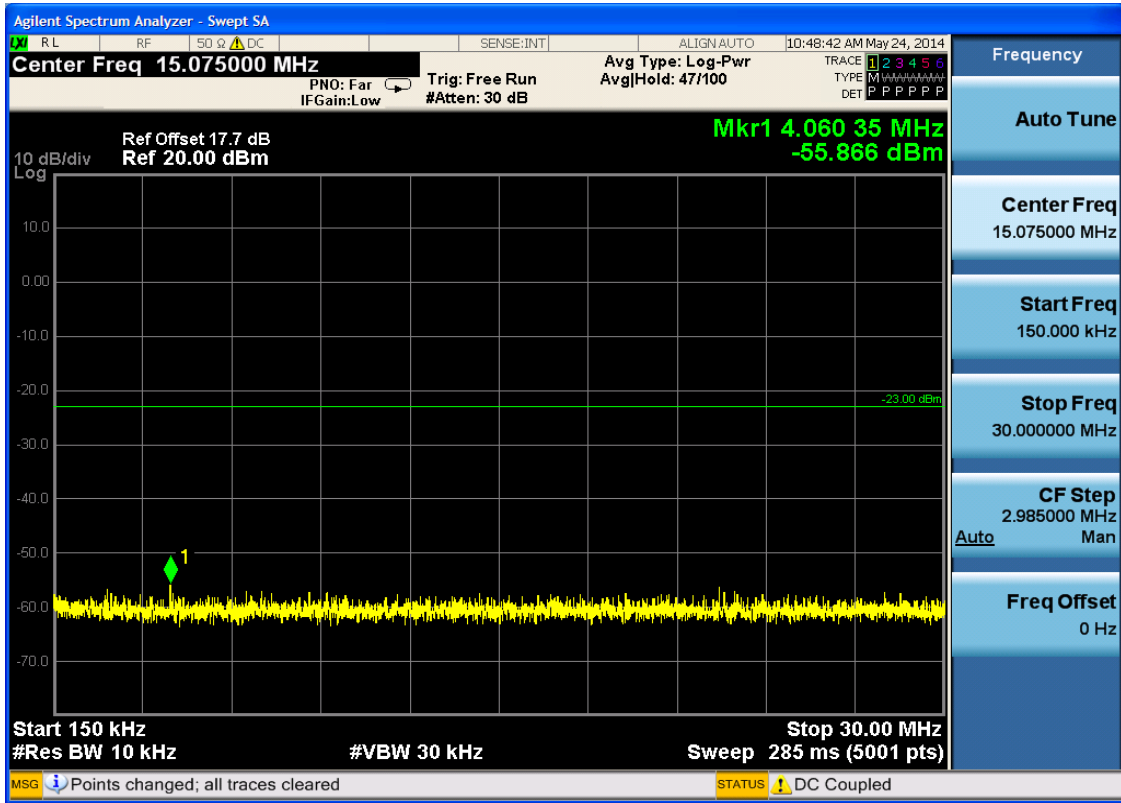


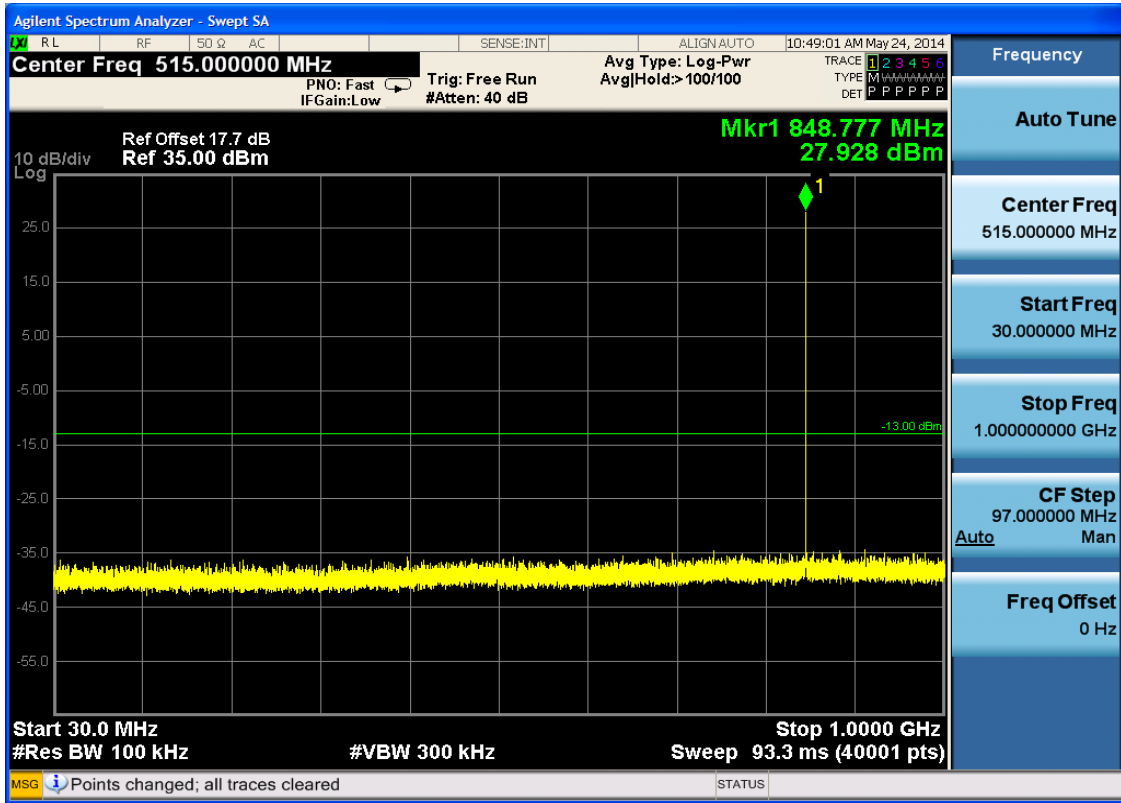


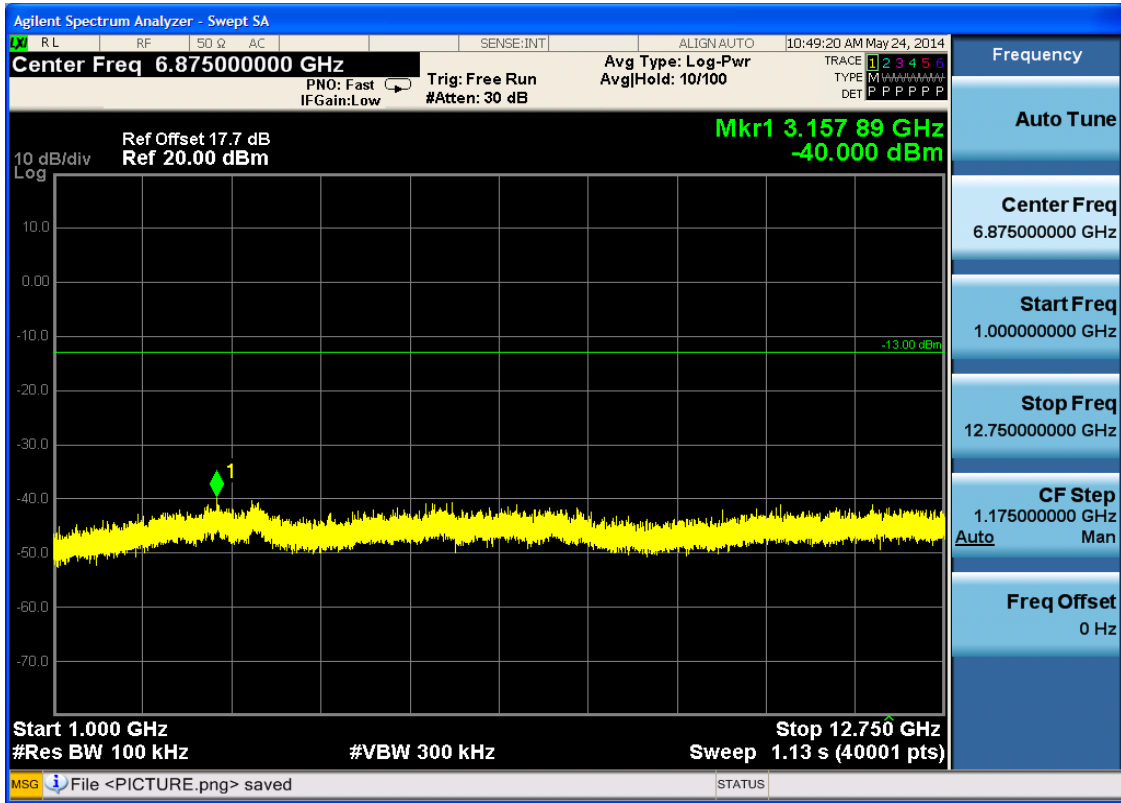


6.1.1.2.3 Test Channel = HCH







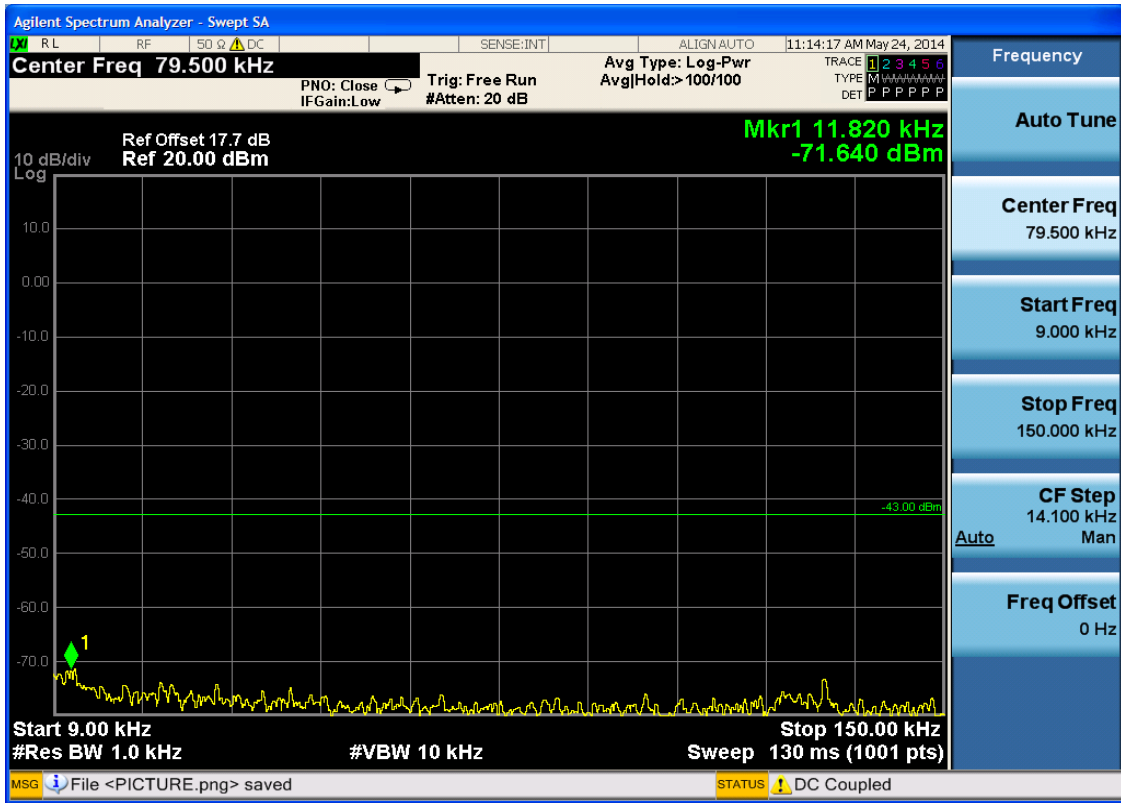


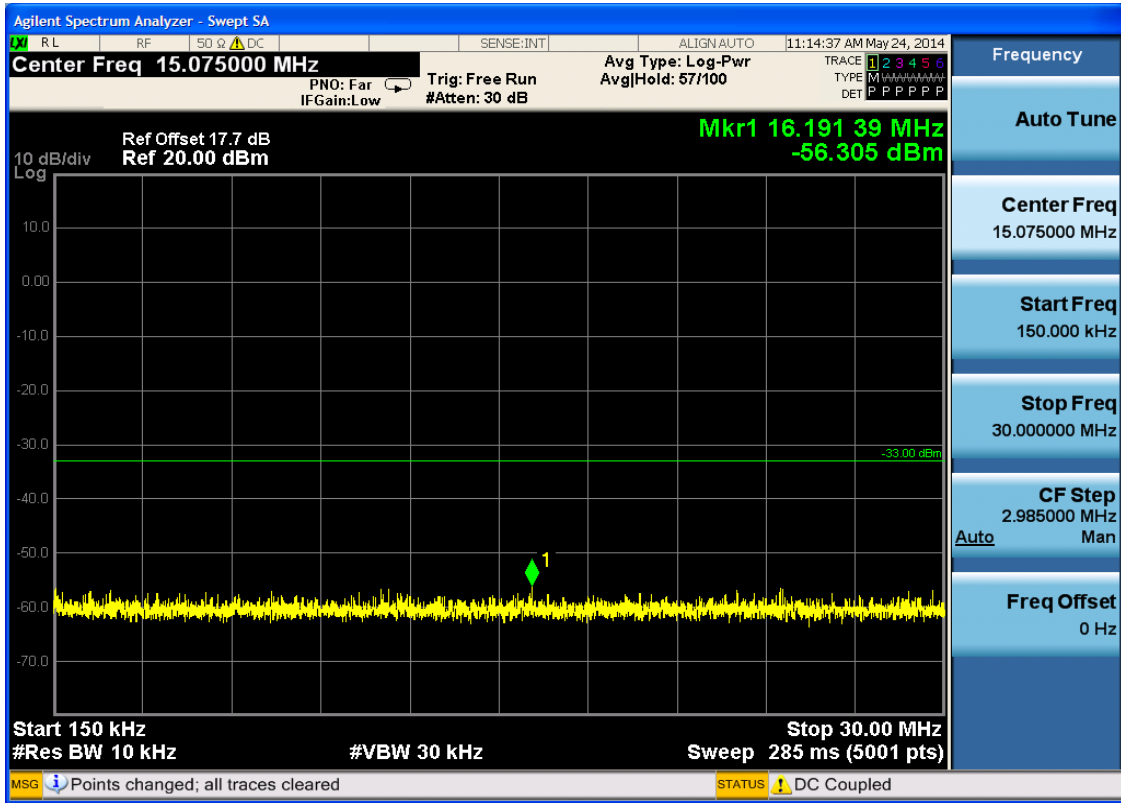


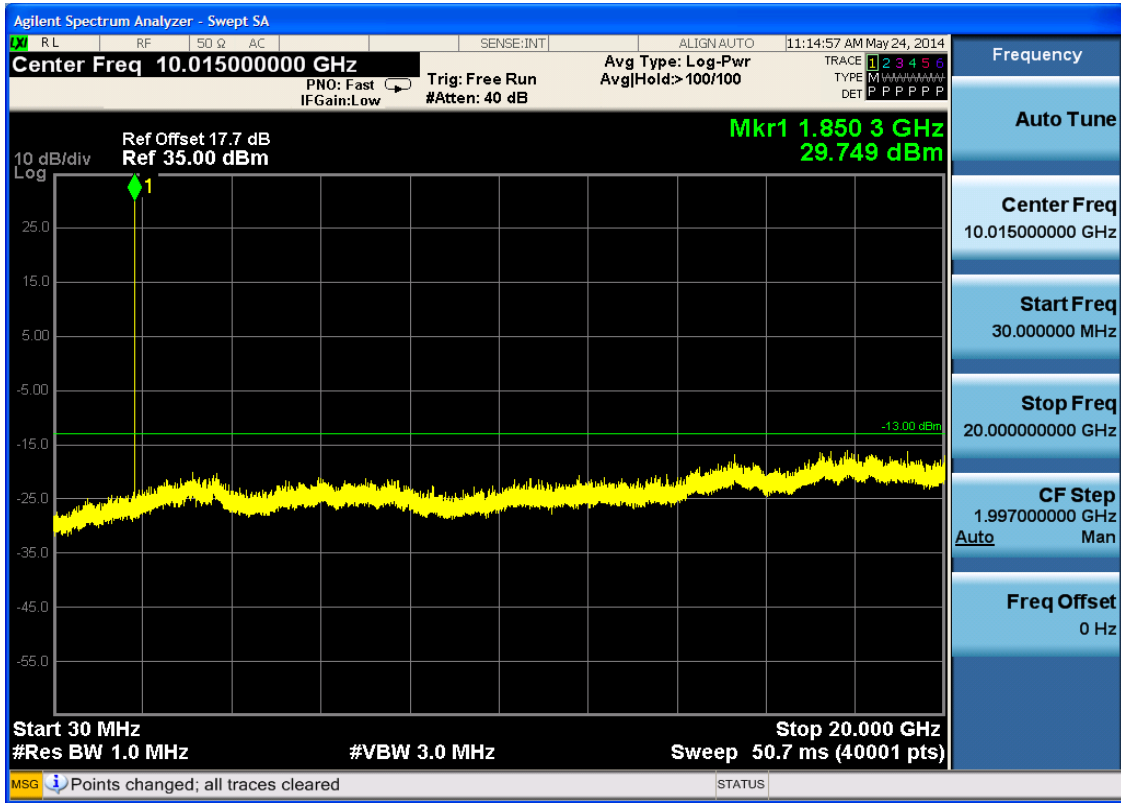
6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

6.1.2.1.1 Test Channel = LCH

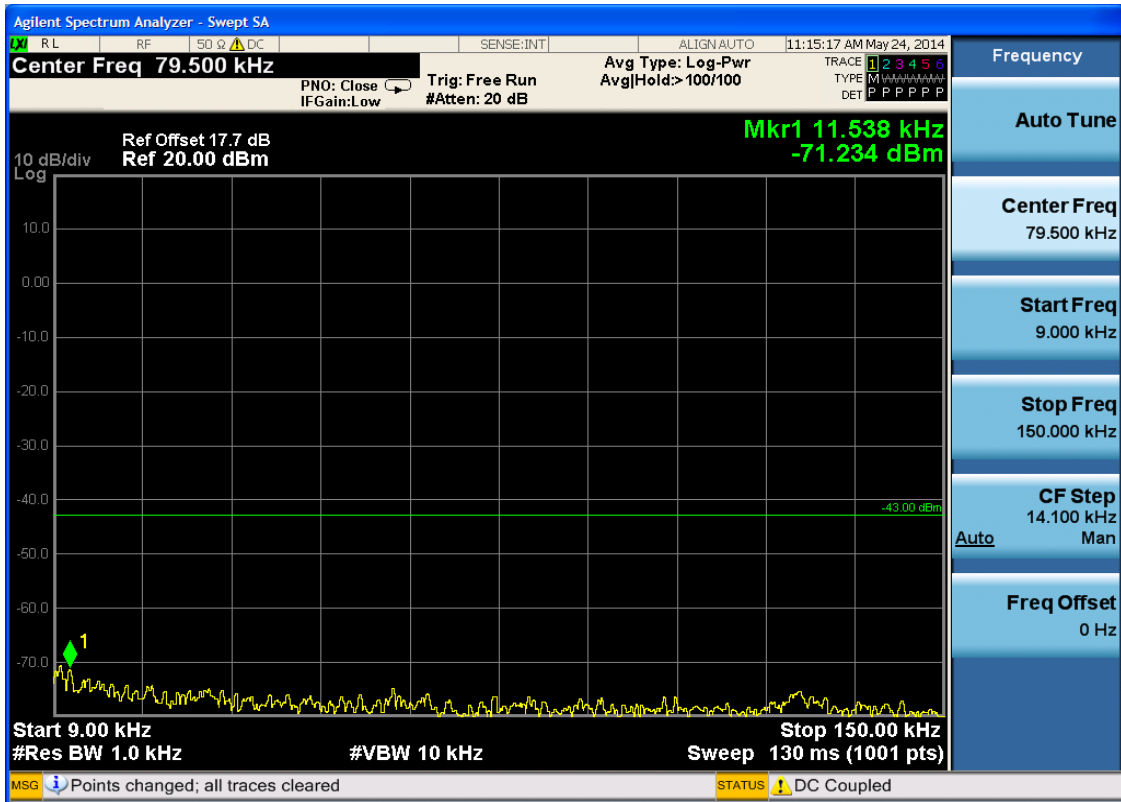


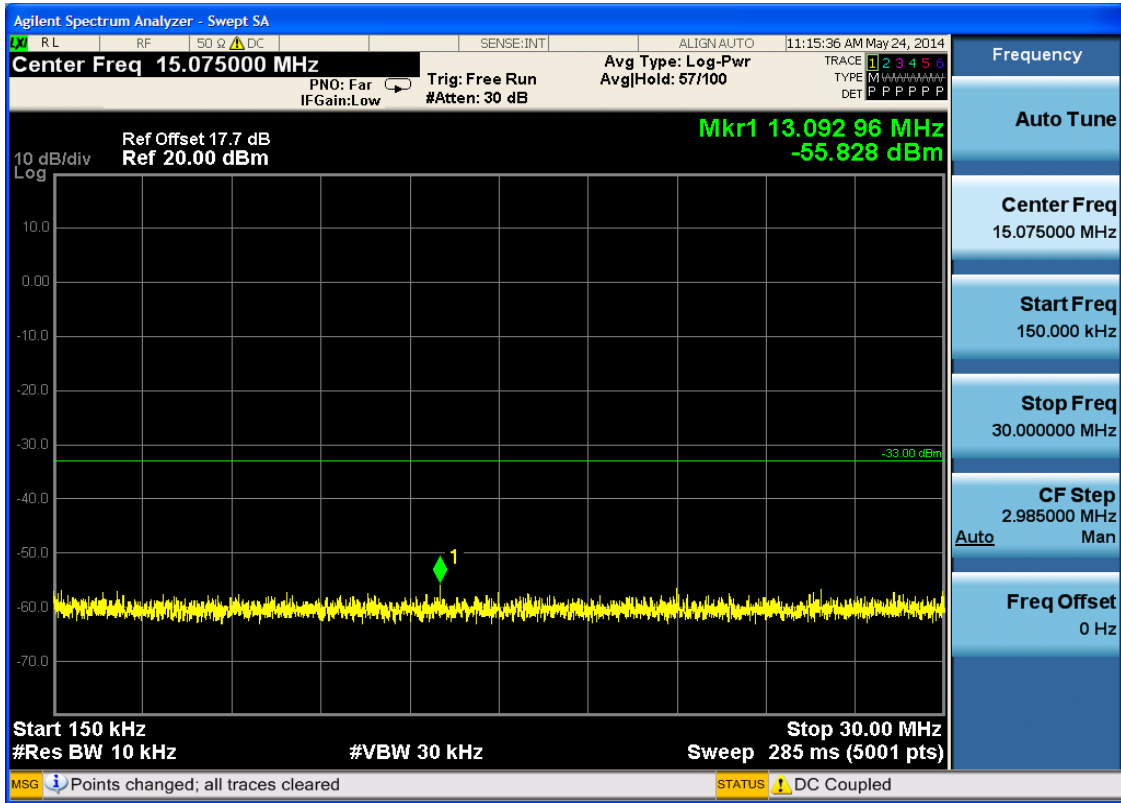


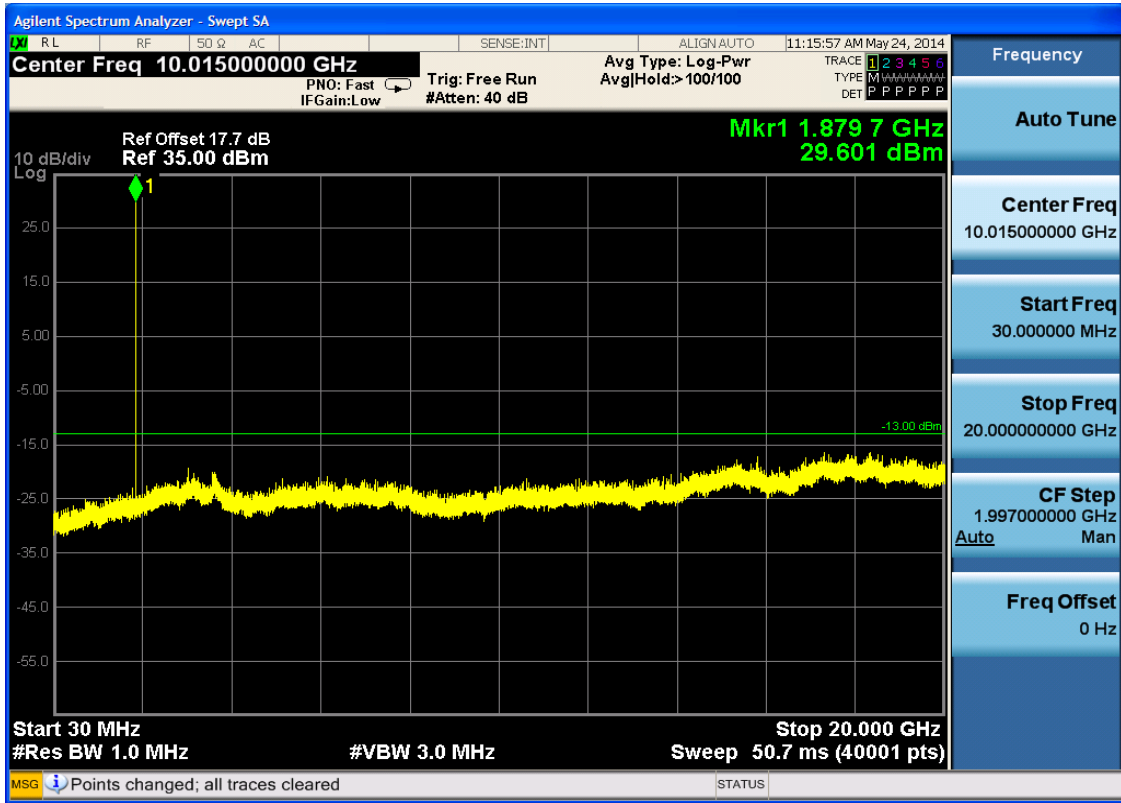




6.1.2.1.2 Test Channel = MCH

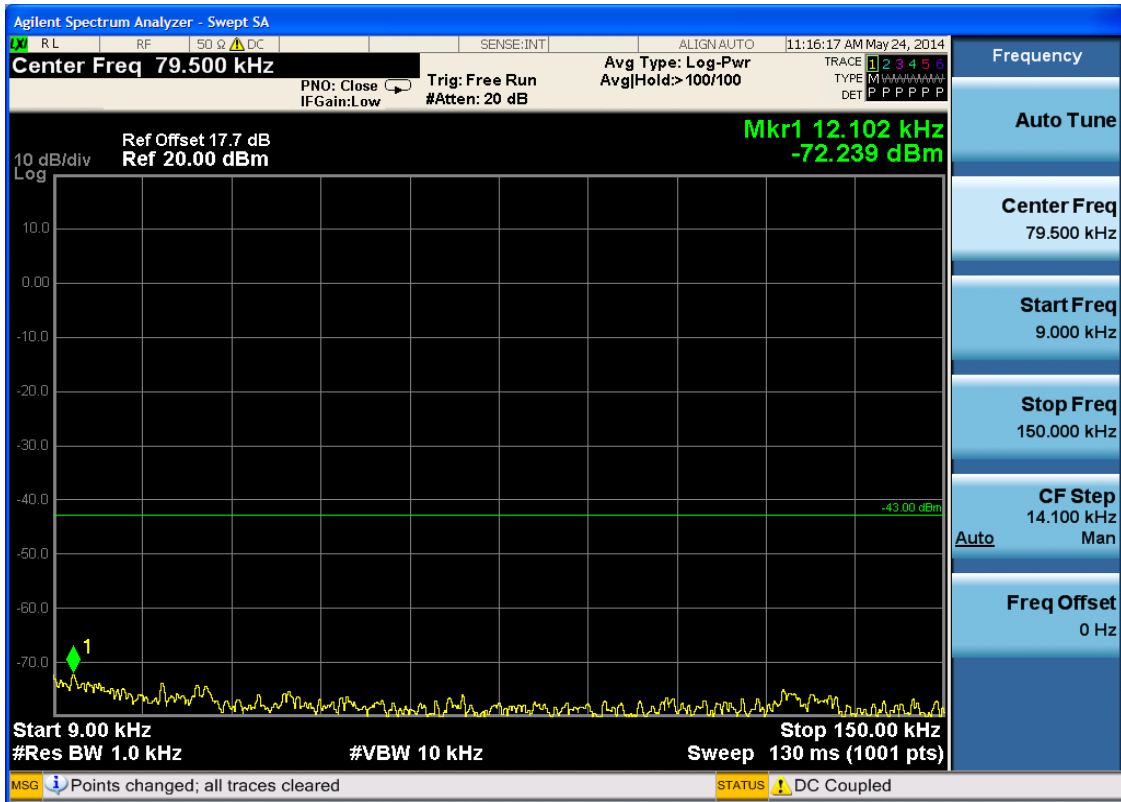


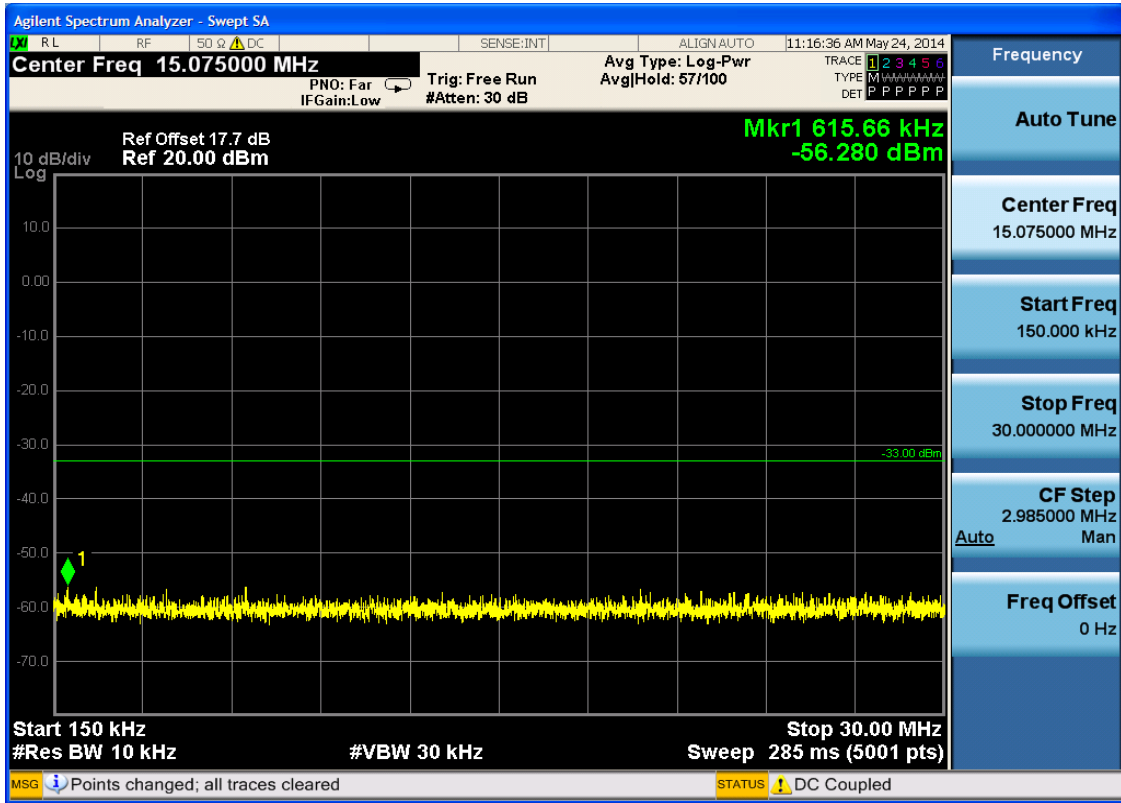


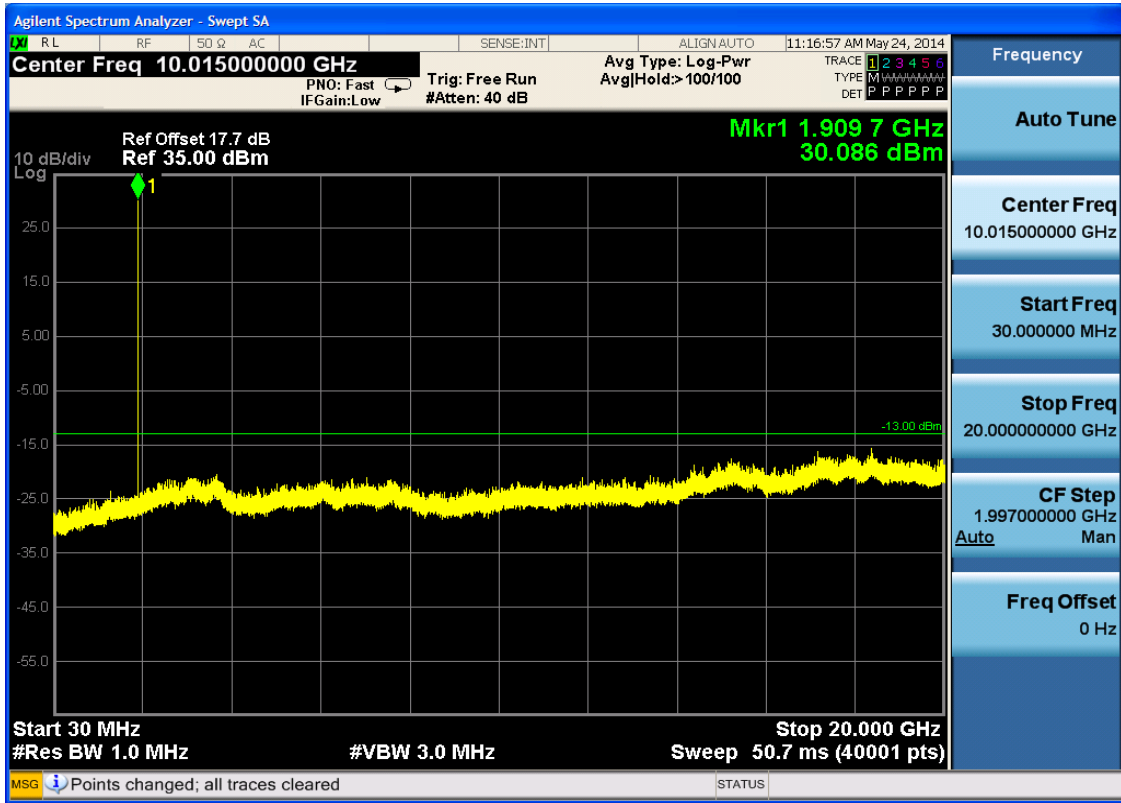




6.1.2.1.3 Test Channel = HCH

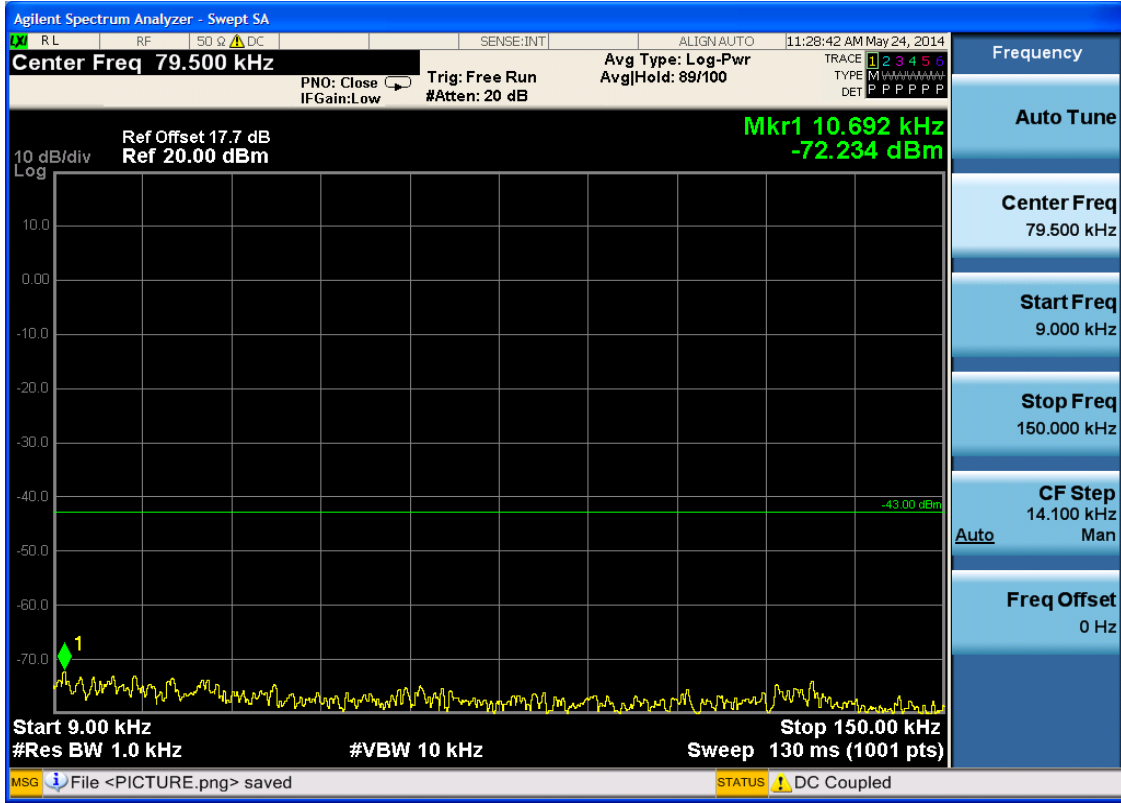


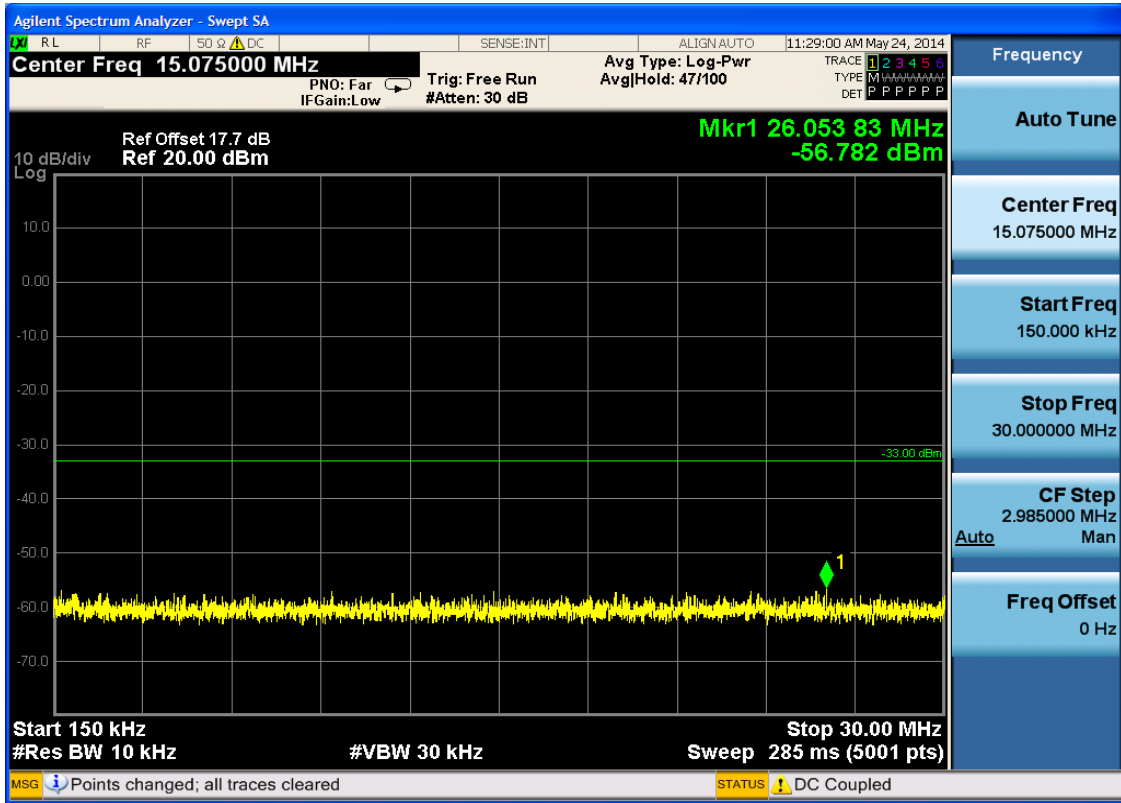


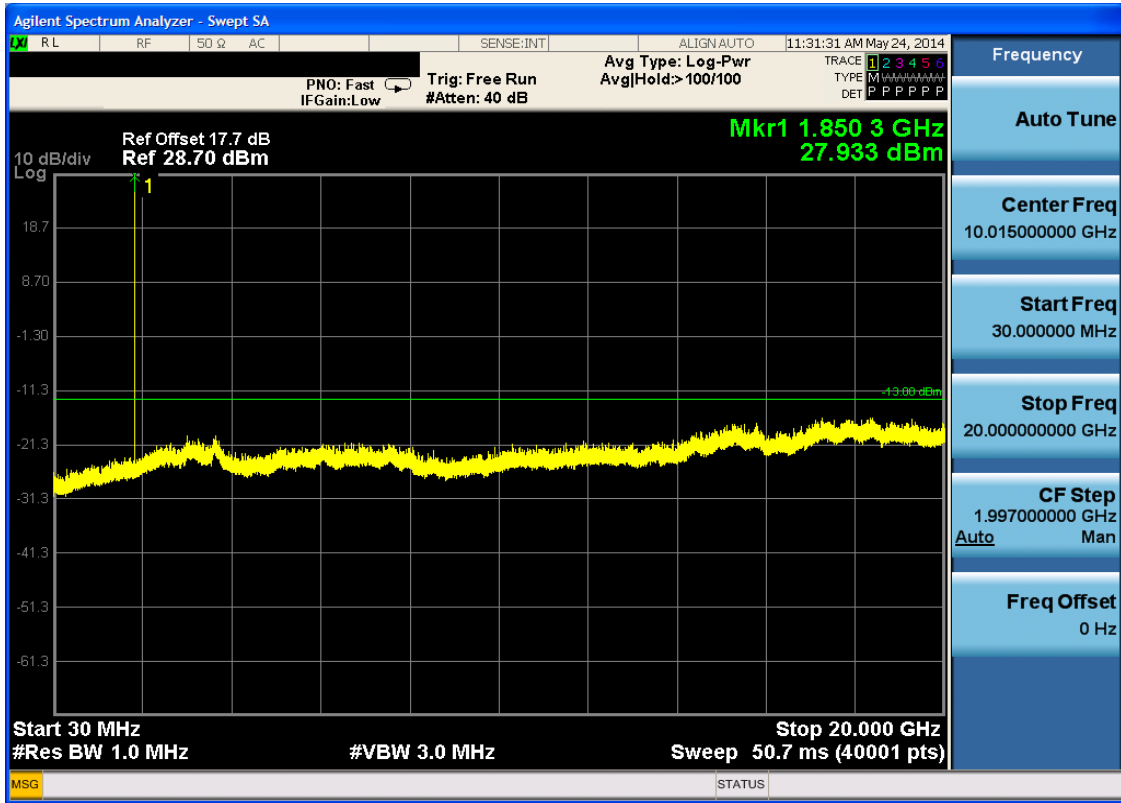


6.1.2.2 Test Mode = GSM/TM2

6.1.2.2.1 Test Channel = LCH

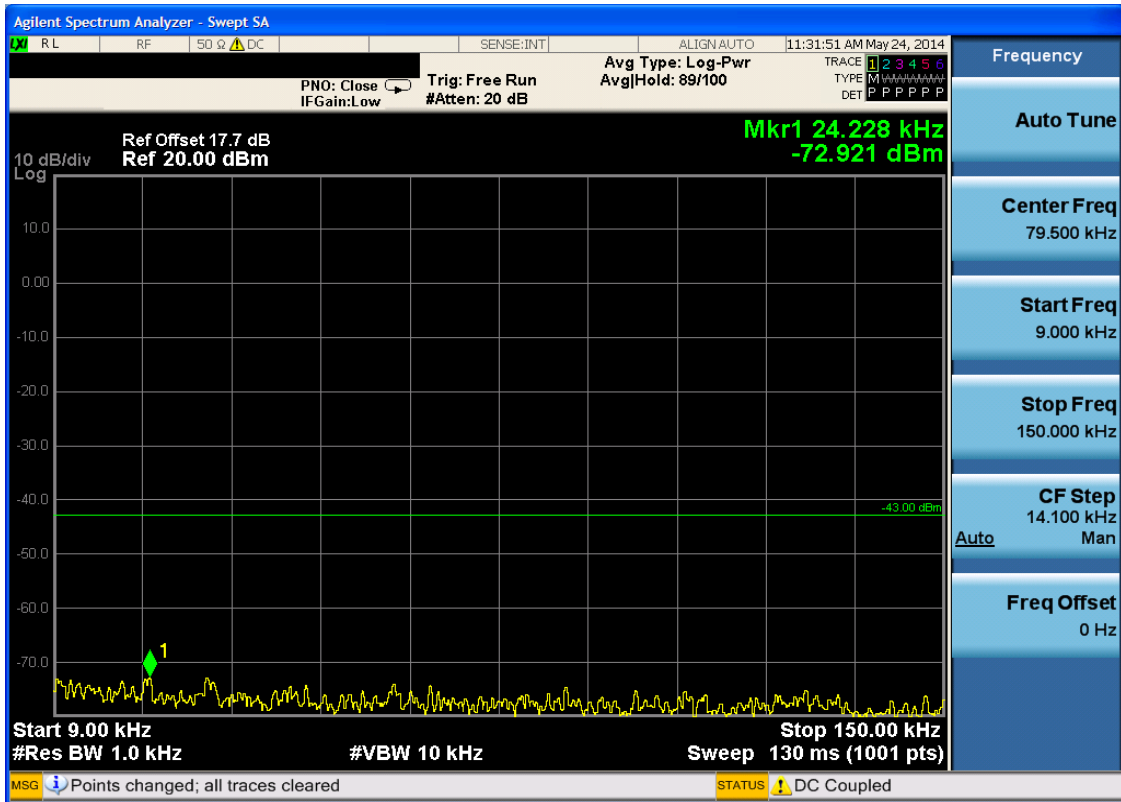


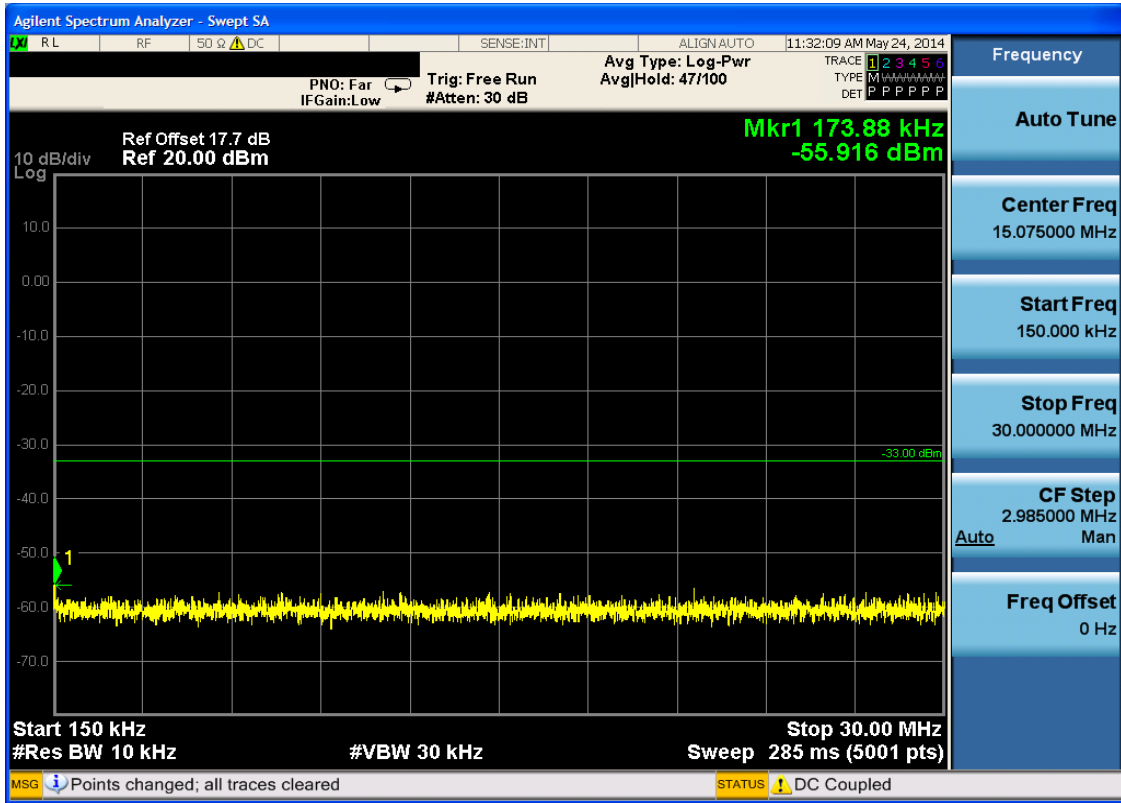






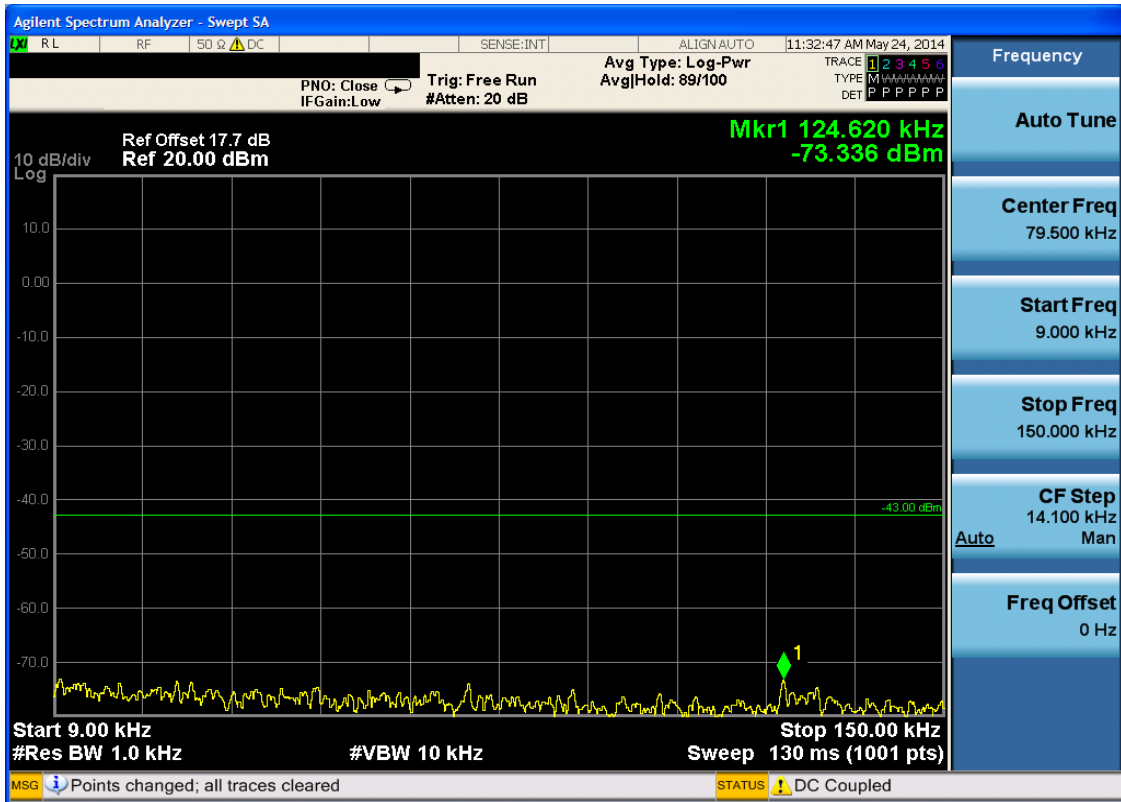
6.1.2.2.2 Test Channel = MCH

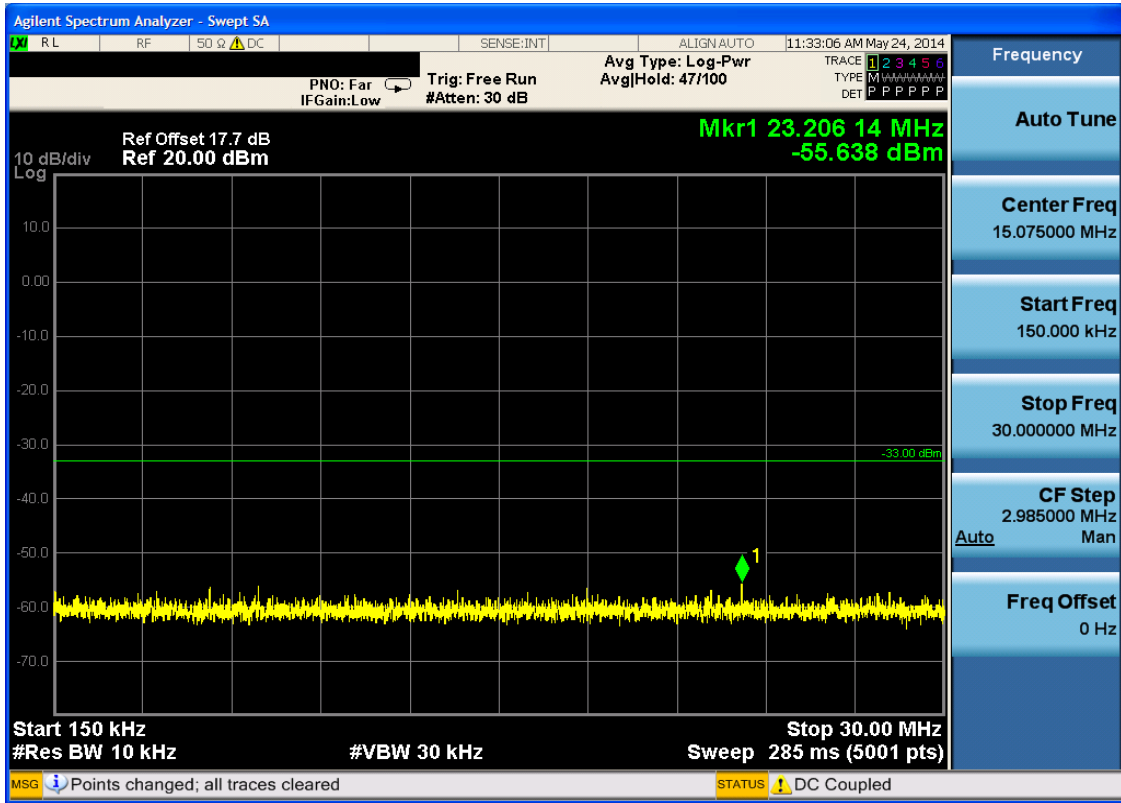


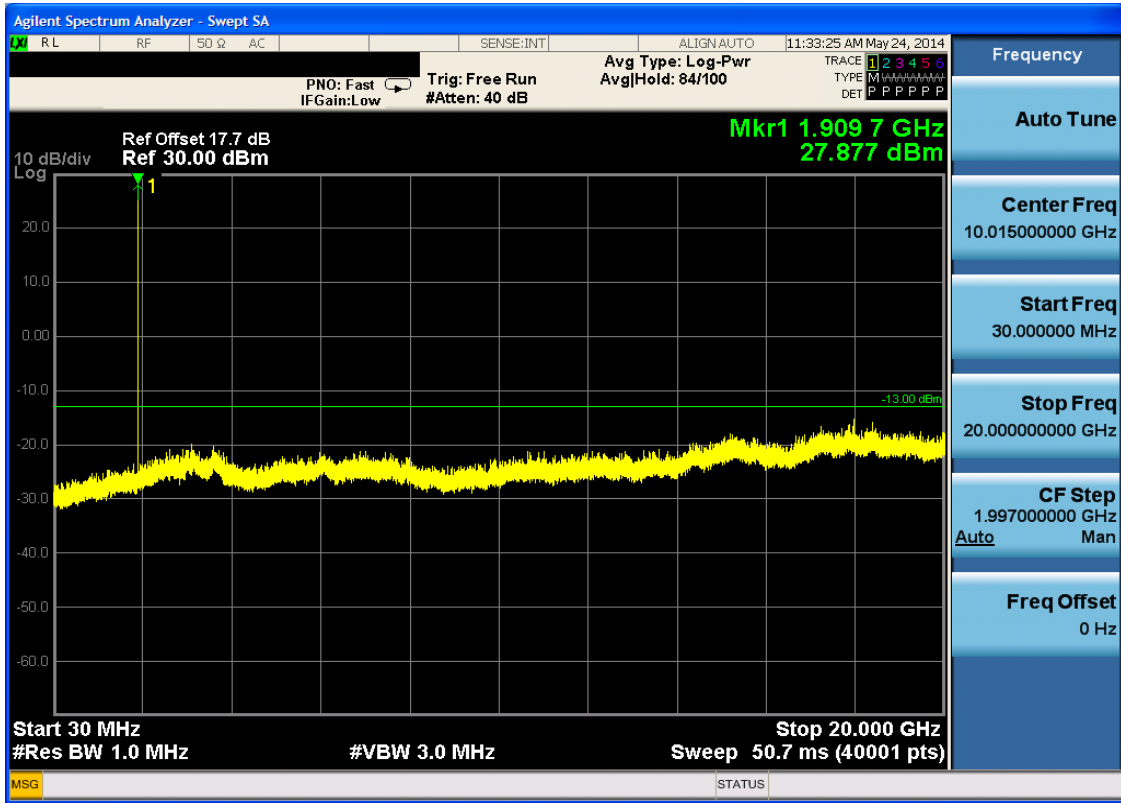




6.1.2.2.3 Test Channel = HCH





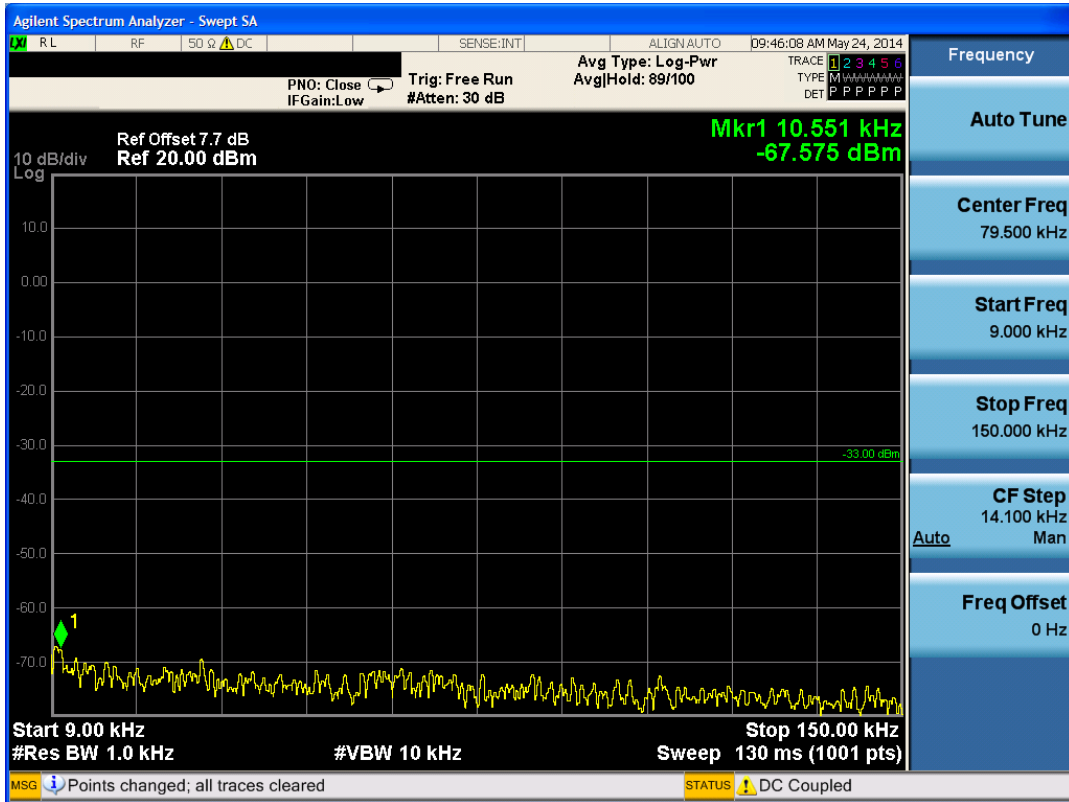


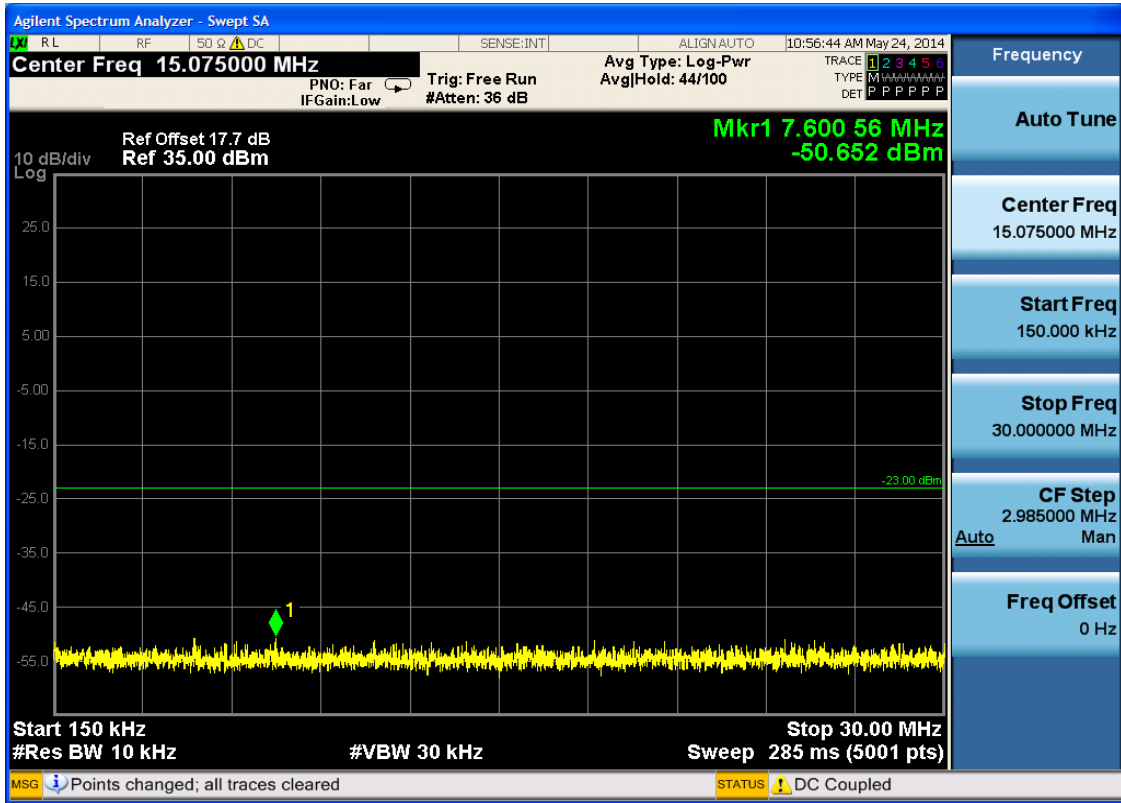
6.2 For UMTS

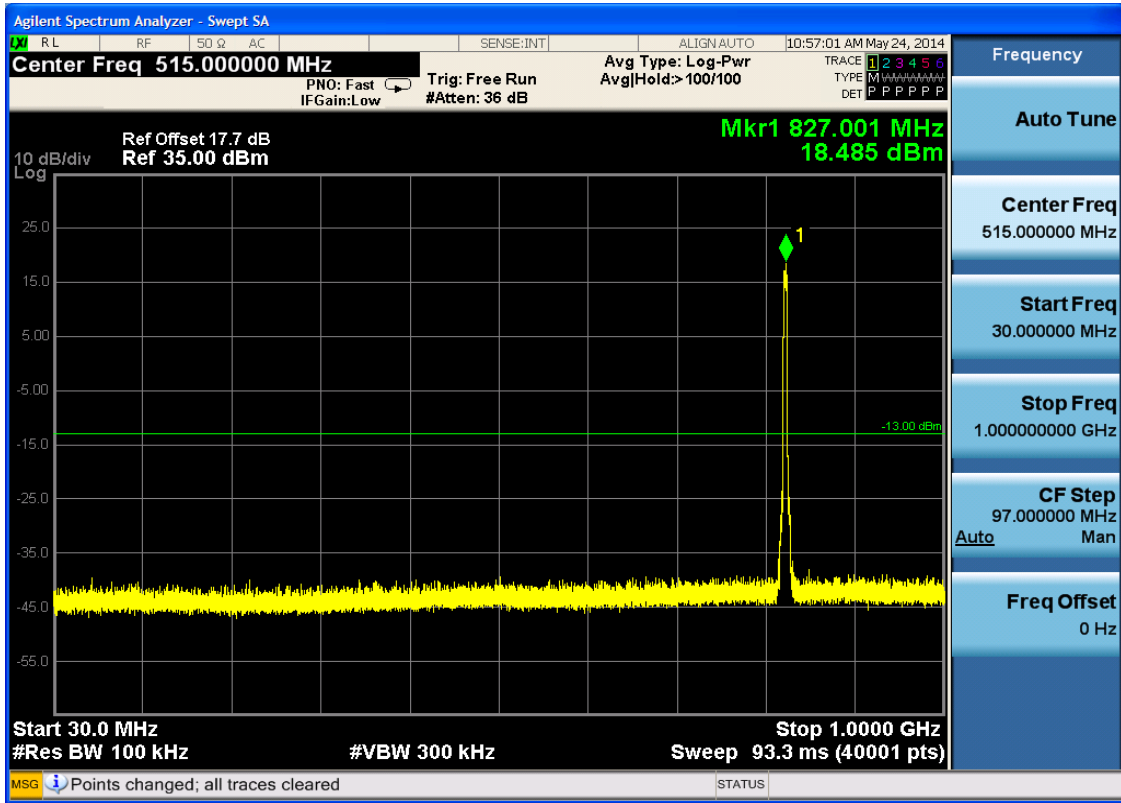
6.2.1 Test Band = WCDMA850

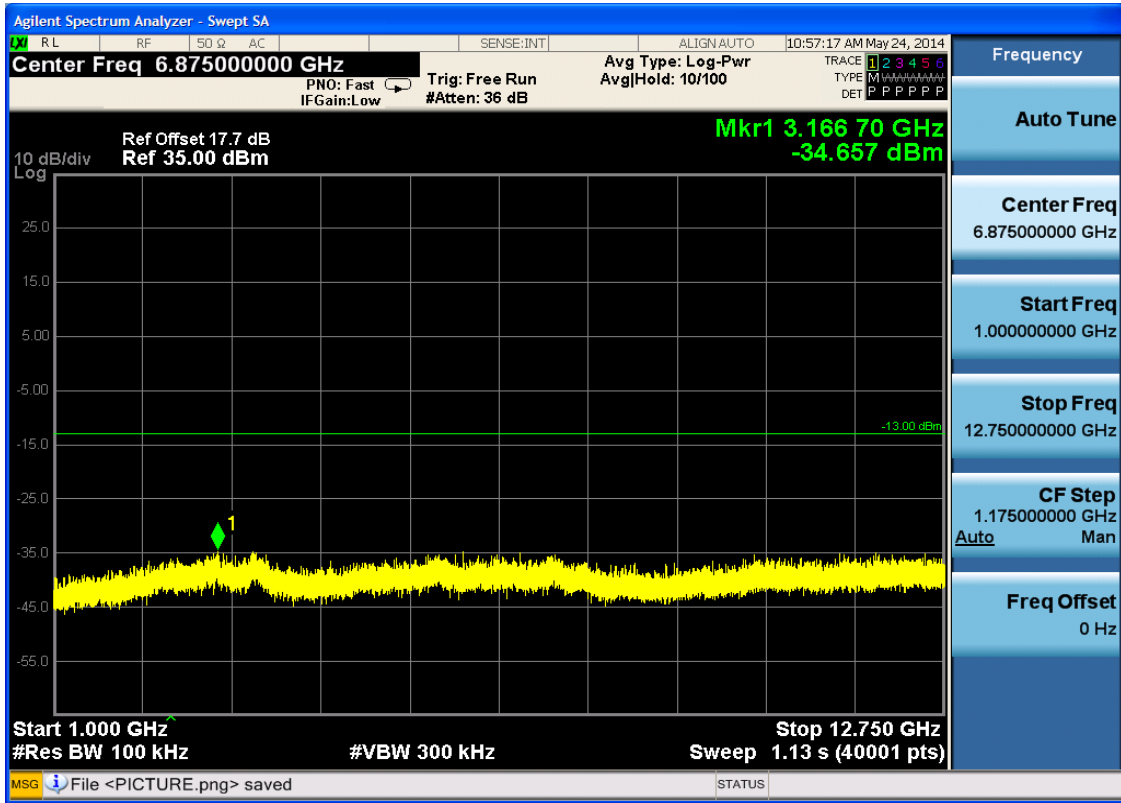
6.2.1.1 Test Mode = UMTS/TM1

6.2.1.1.1 Test Channel = LCH



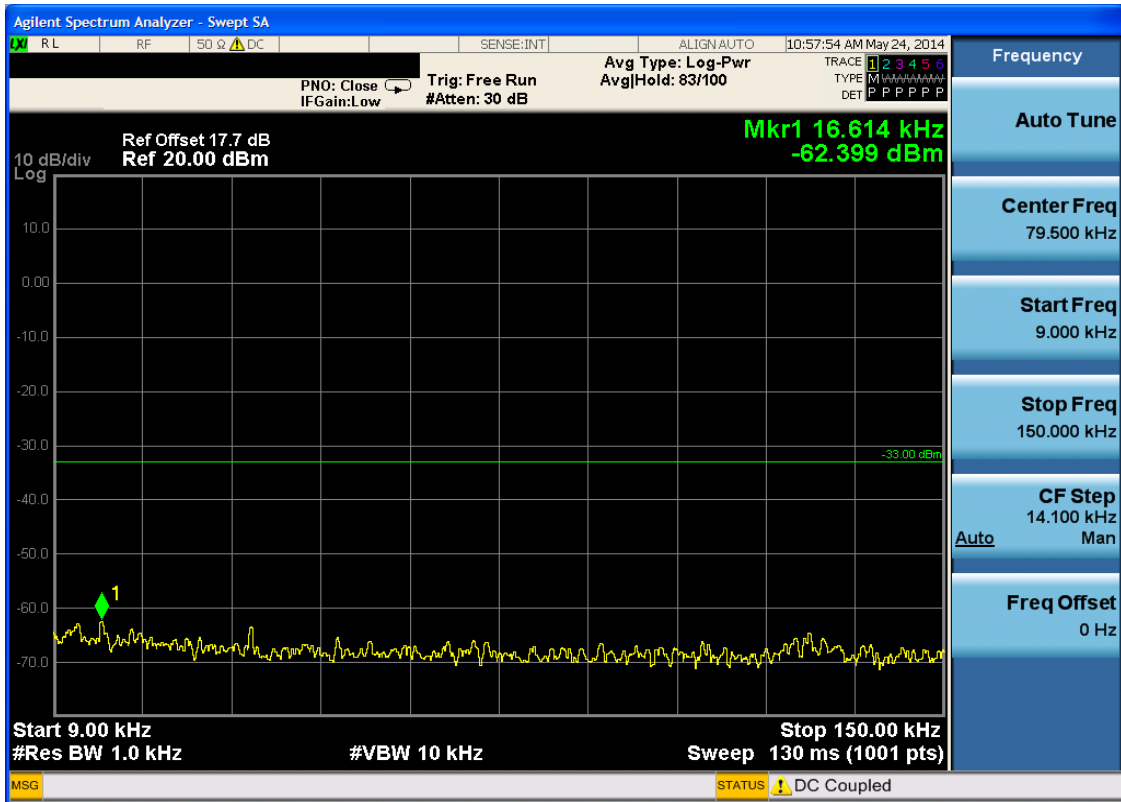


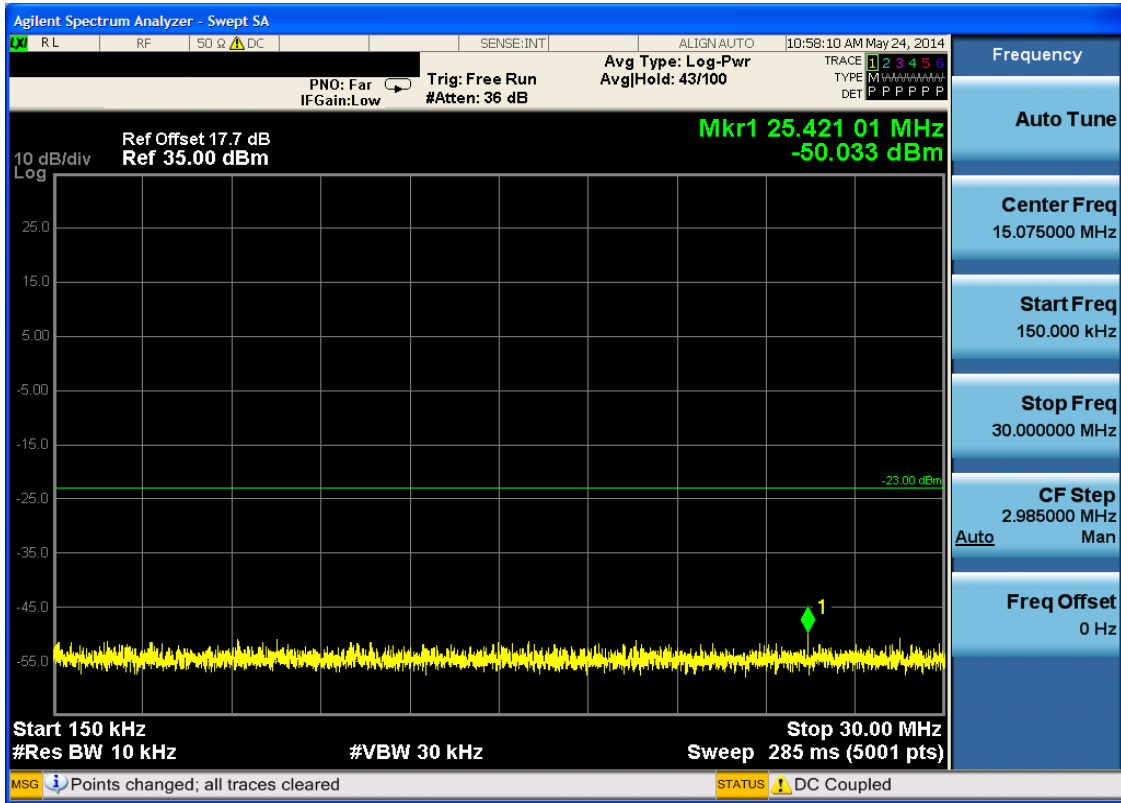


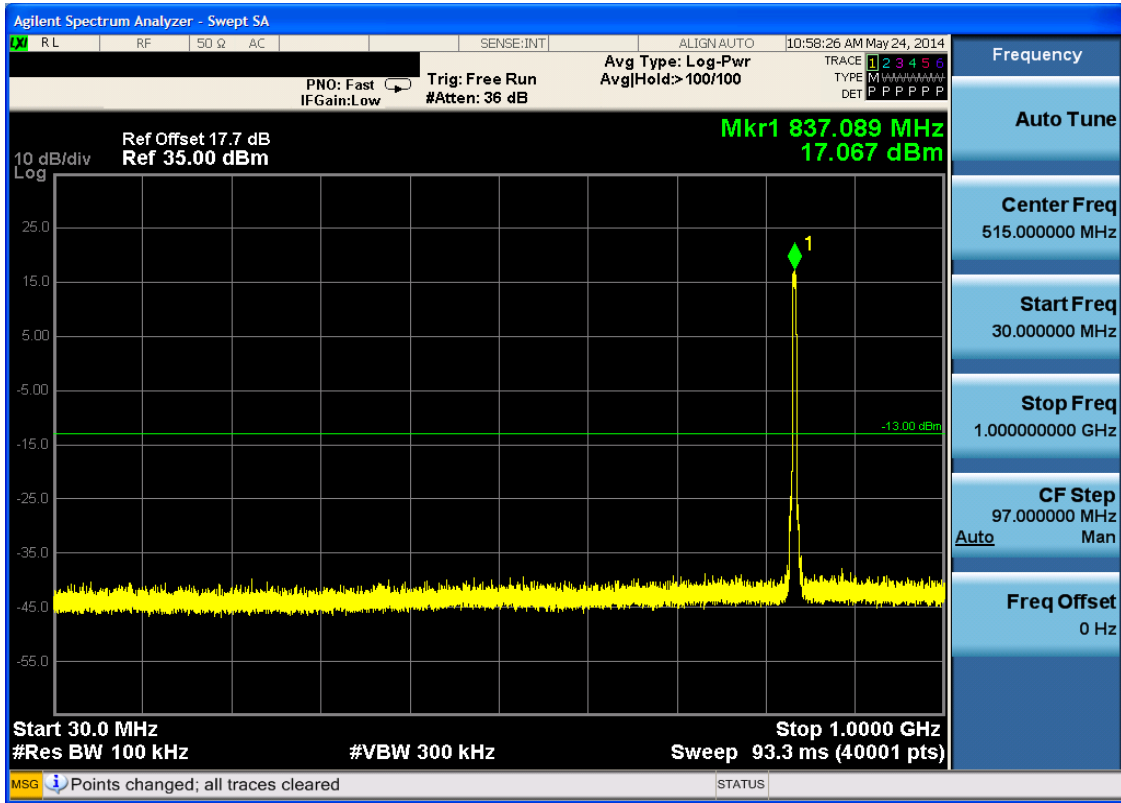


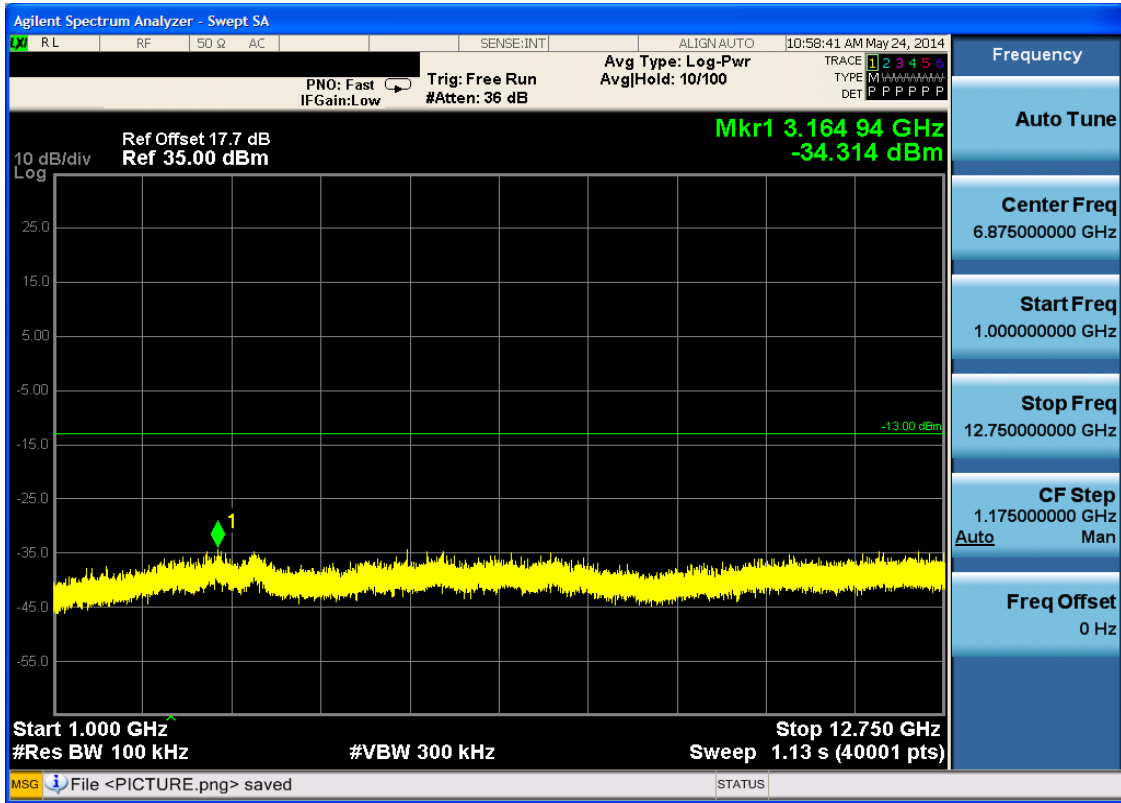


6.2.1.1.2 Test Channel = MCH



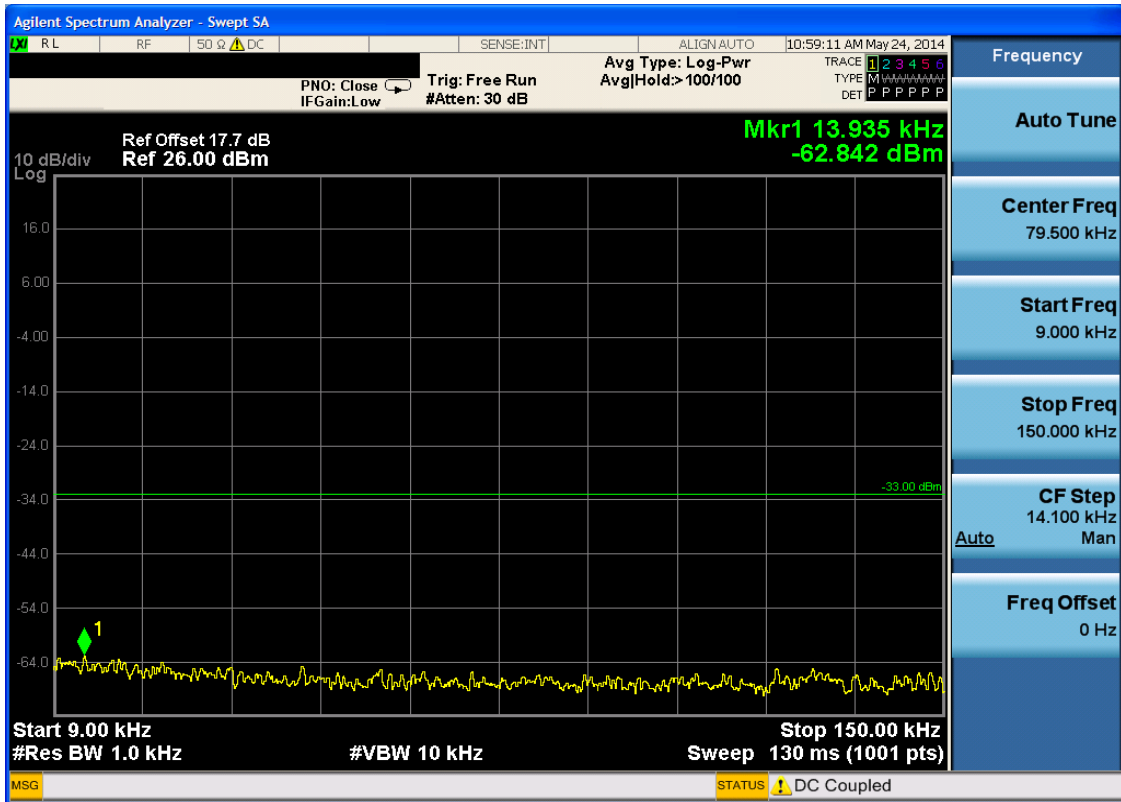


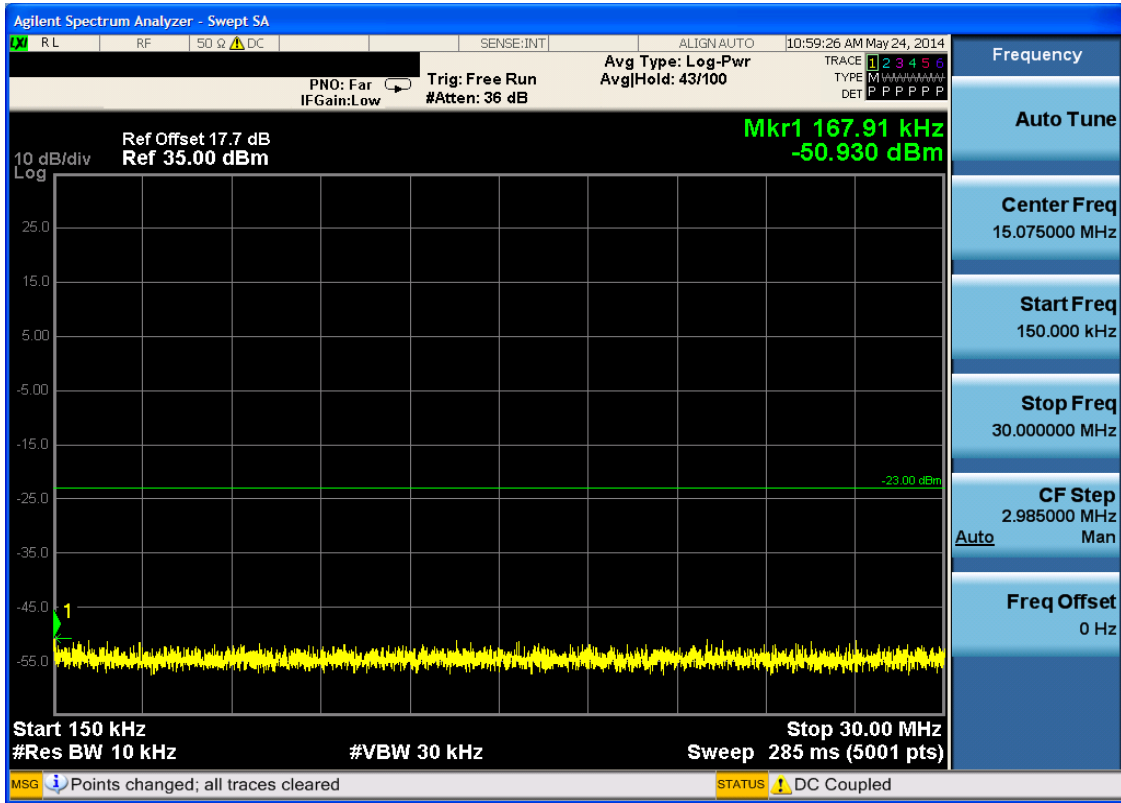


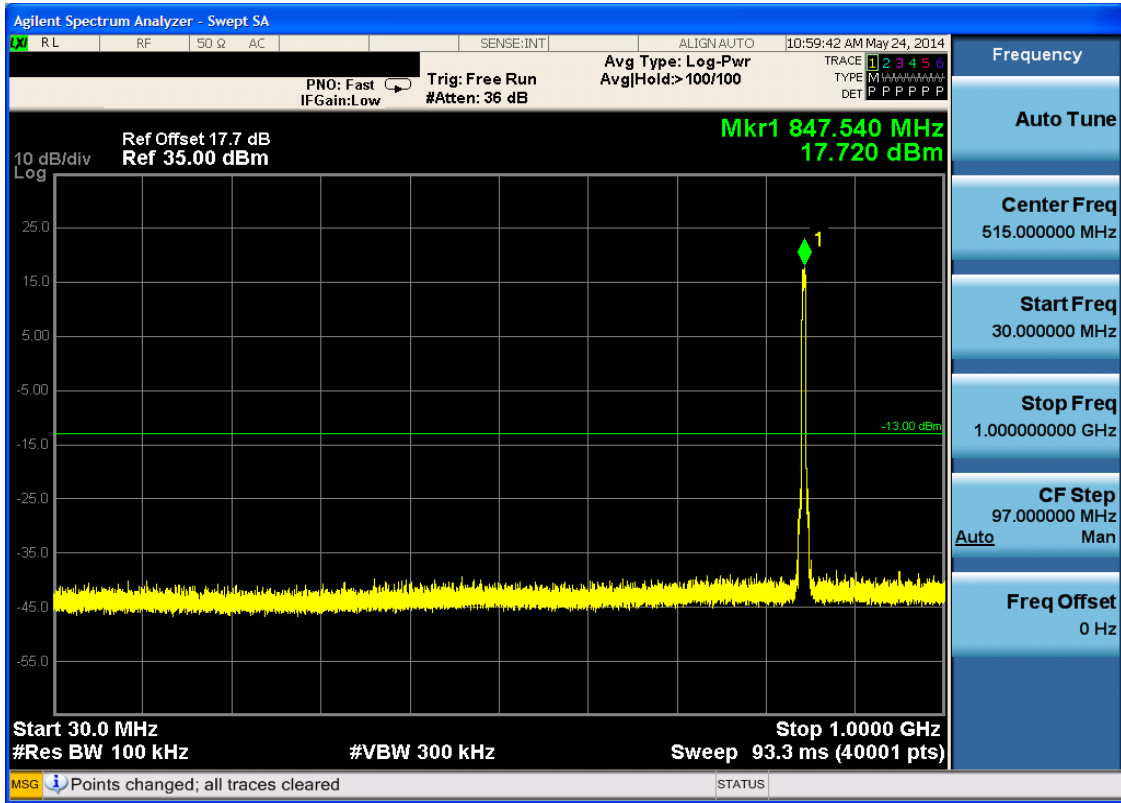


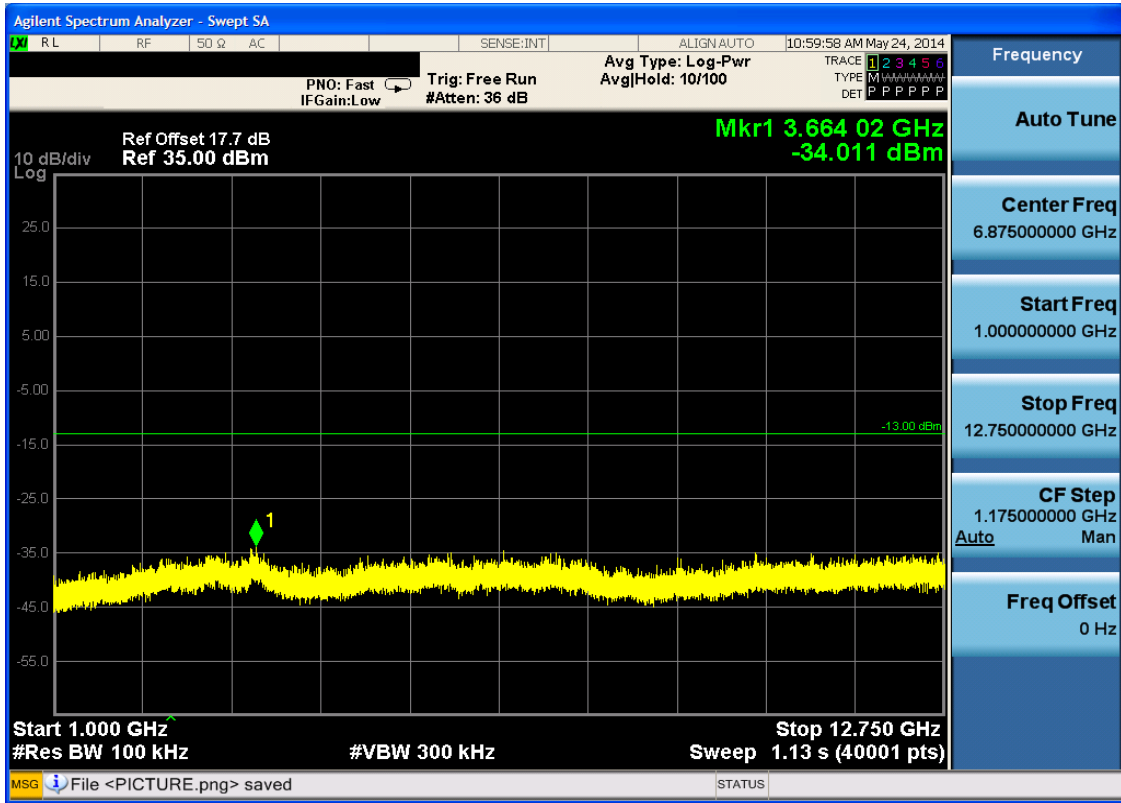


6.2.1.1.3 Test Channel = HCH







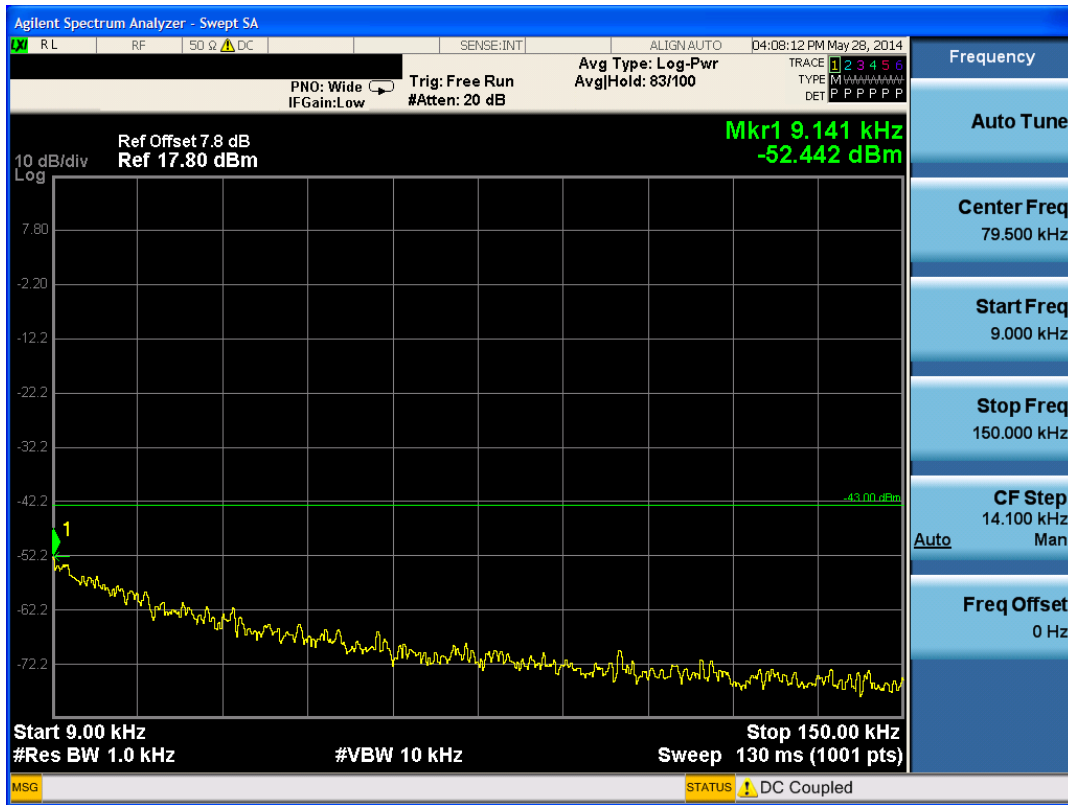


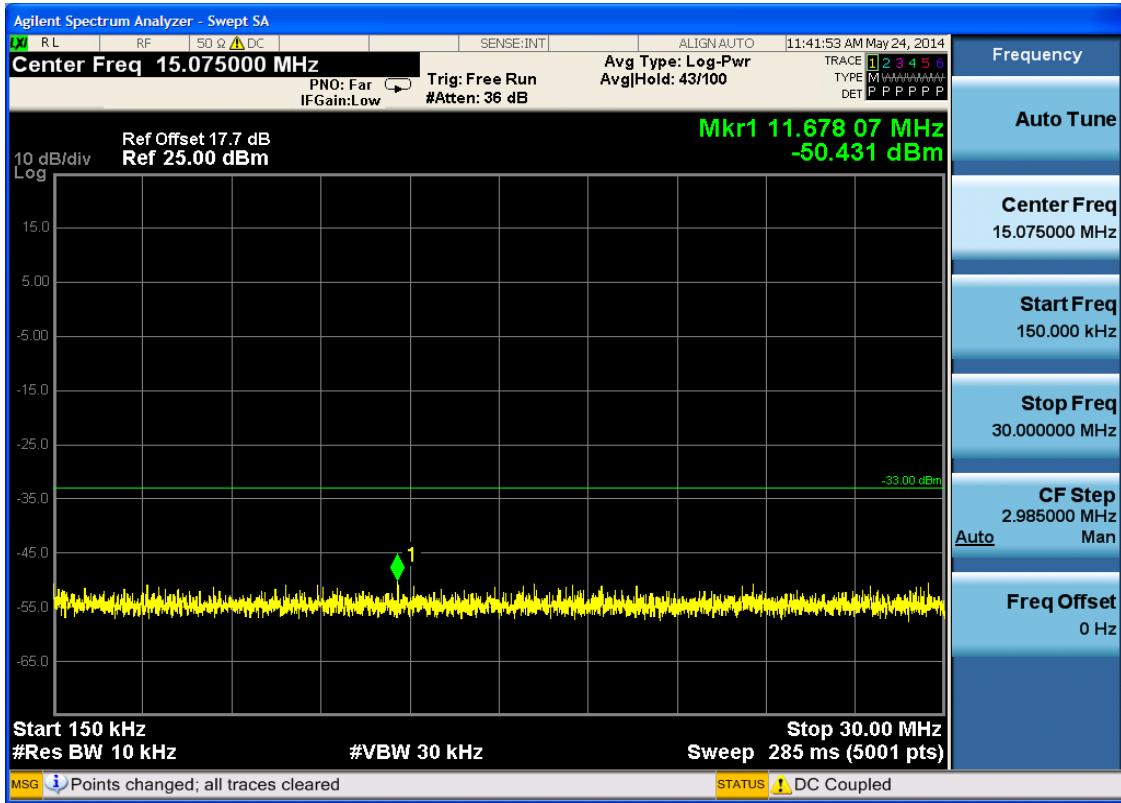


6.2.2 Test Band = WCDMA1900

6.2.2.1 Test Mode = UMTS/TM1

6.2.2.1.1 Test Channel = LCH

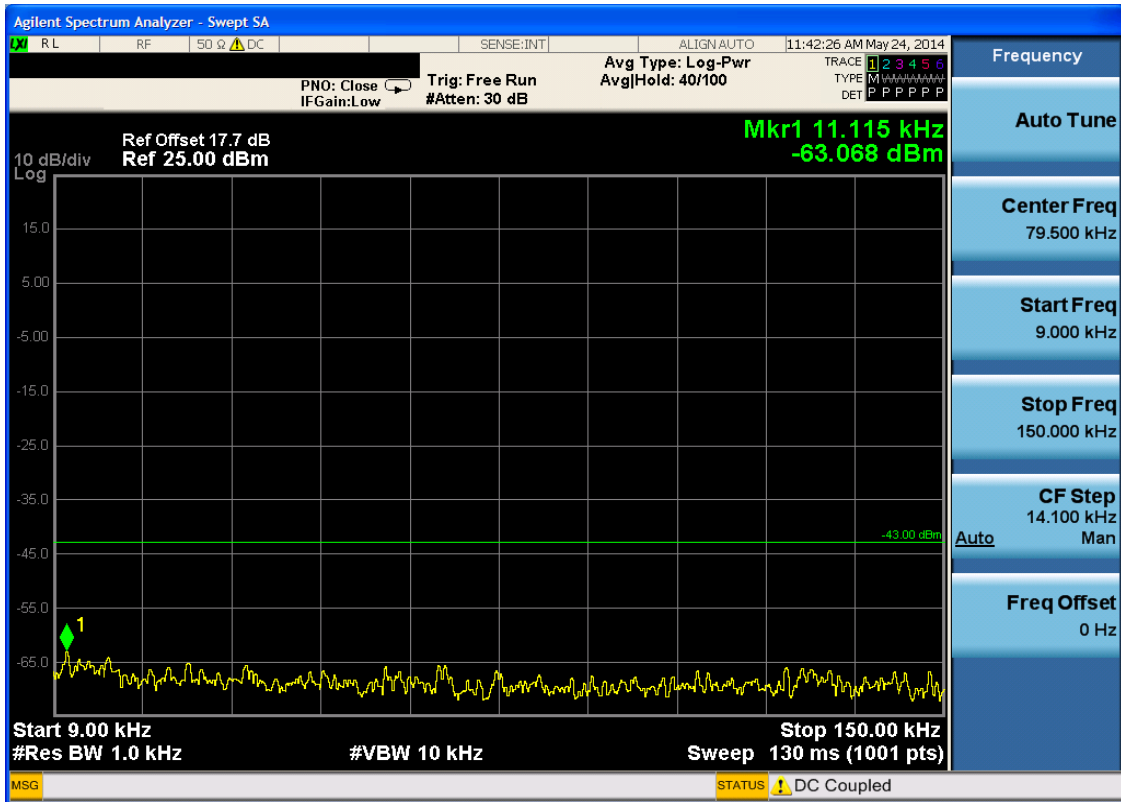


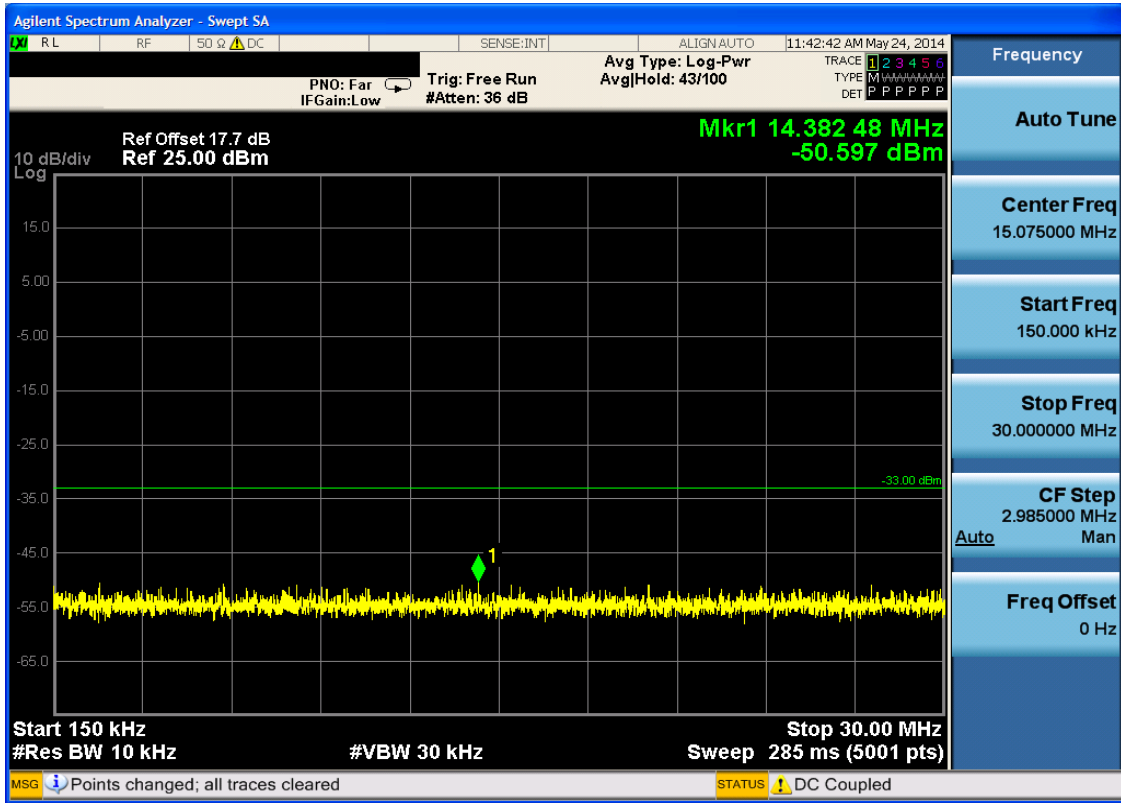


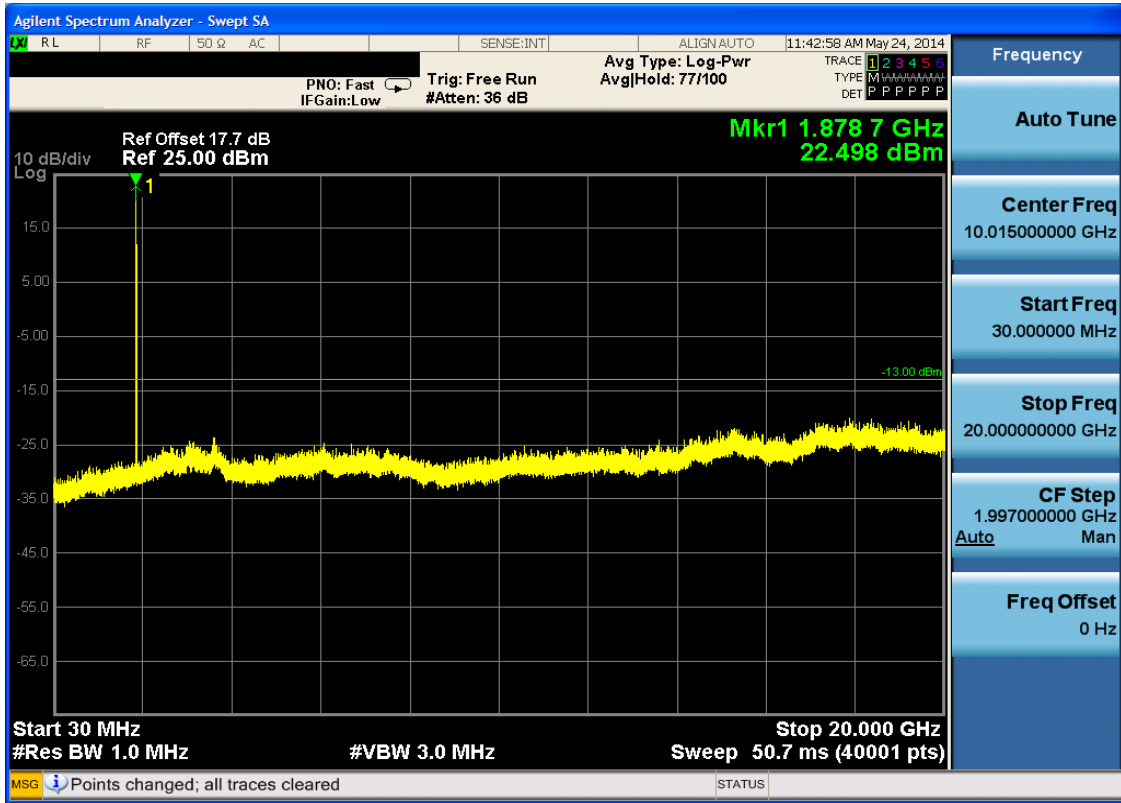




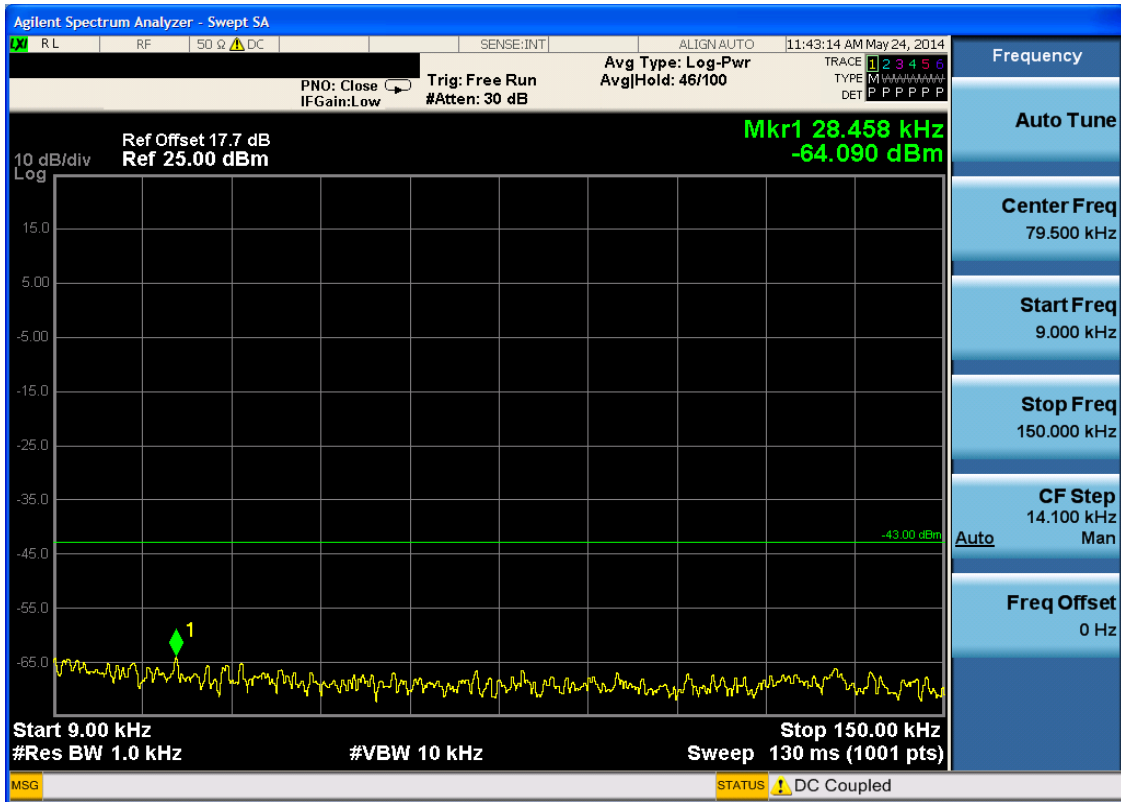
6.2.2.1.2 Test Channel = MCH

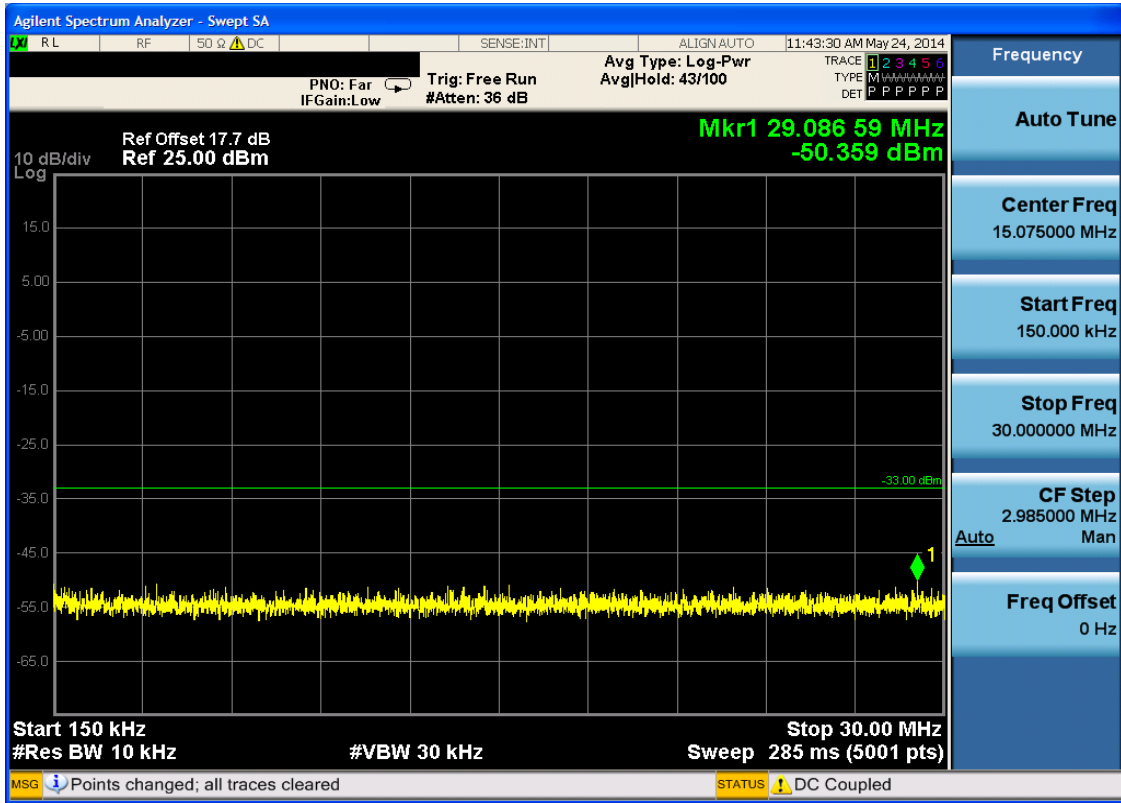






6.2.2.1.3 Test Channel = HCH







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

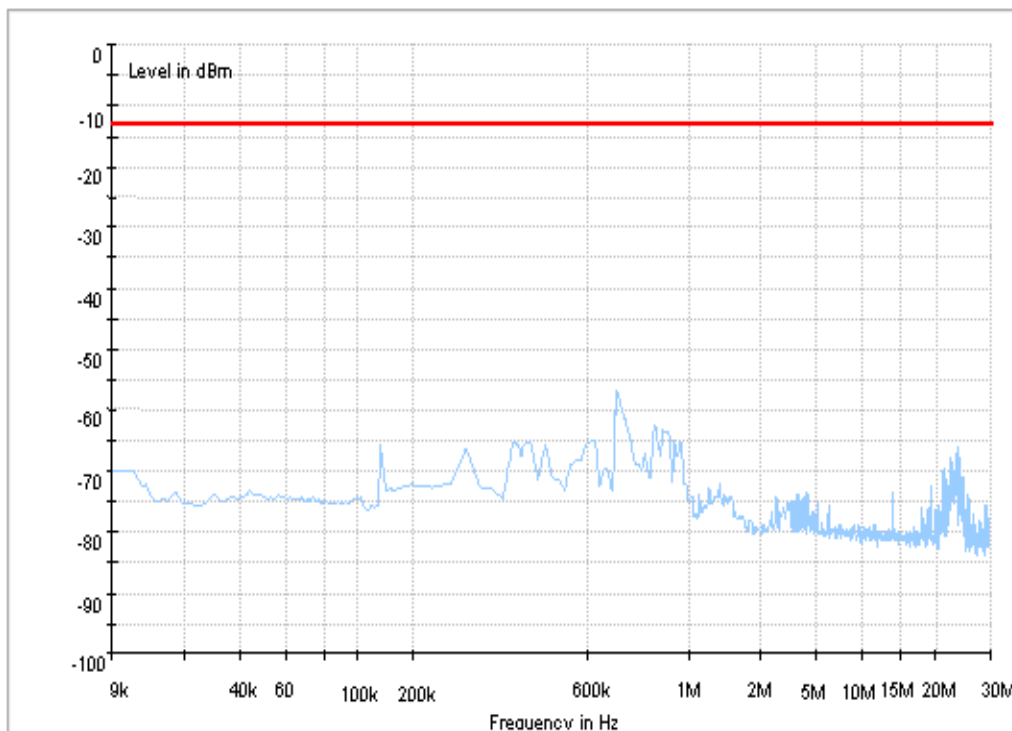
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

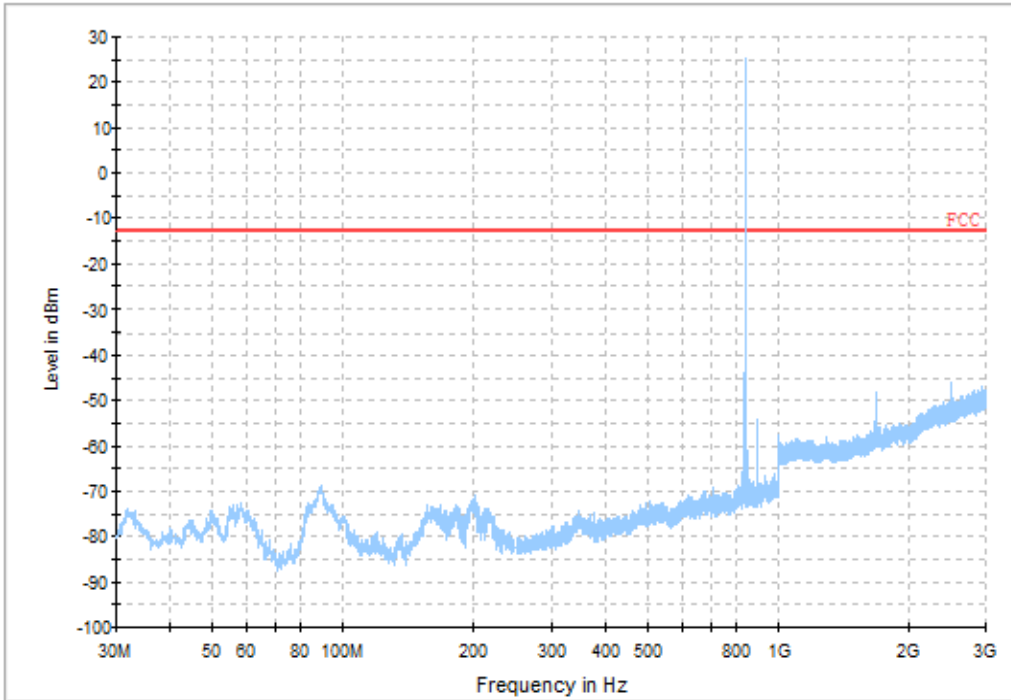
7.1 For GSM

7.1.1 Test Band = GSM850

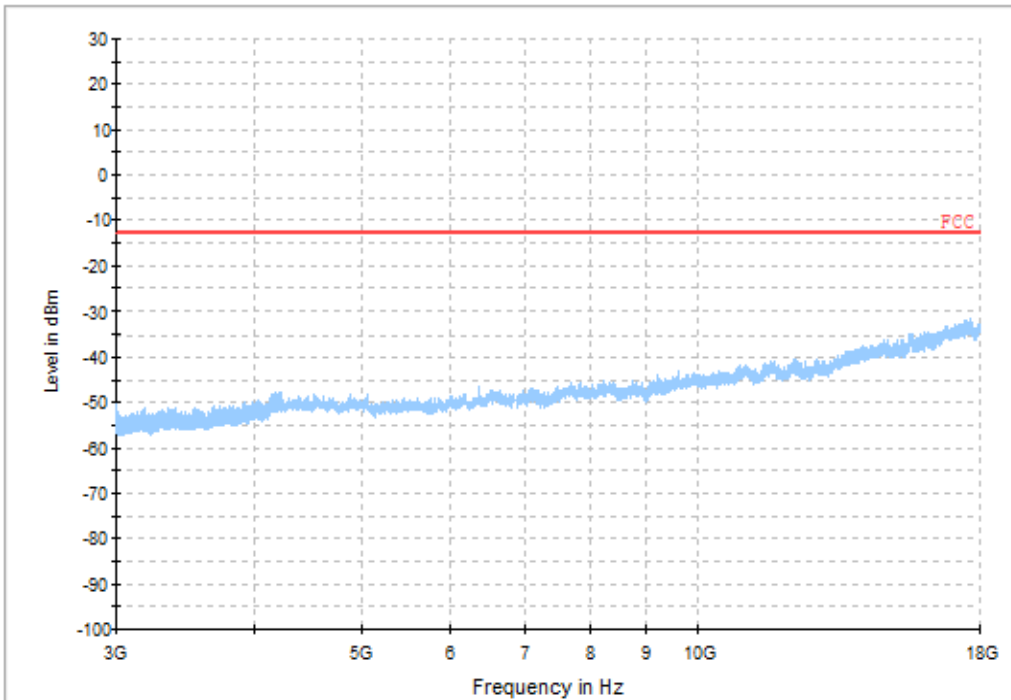
7.1.1.1 Test Mode = GSM/TM1



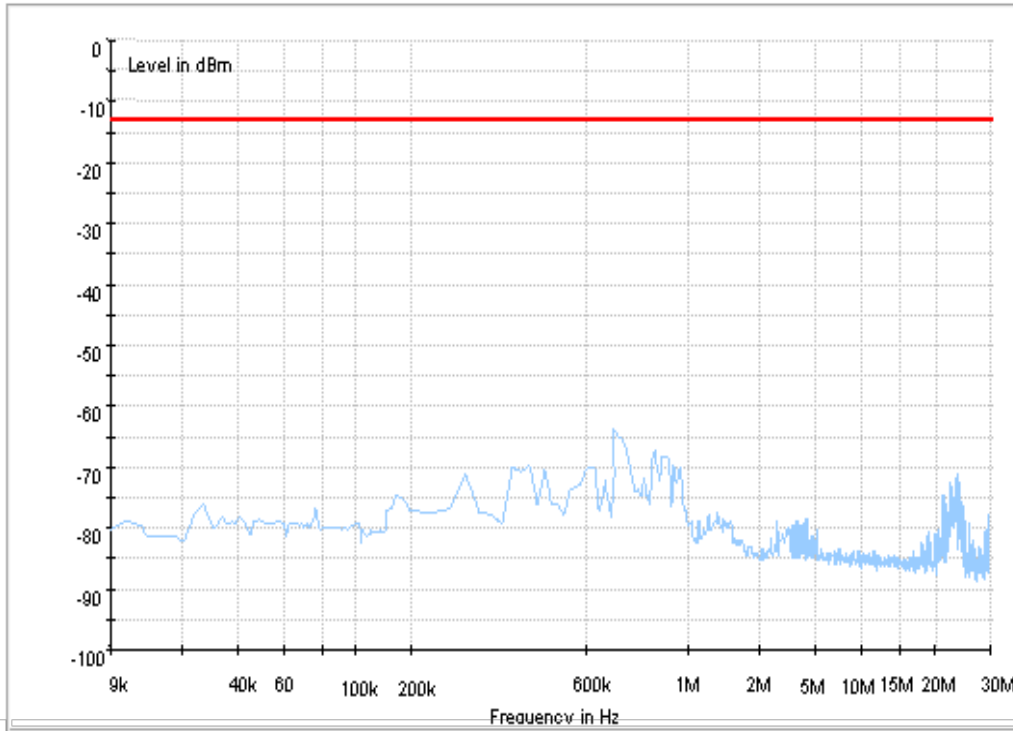
Copy of FCC PART22 GSM850_L



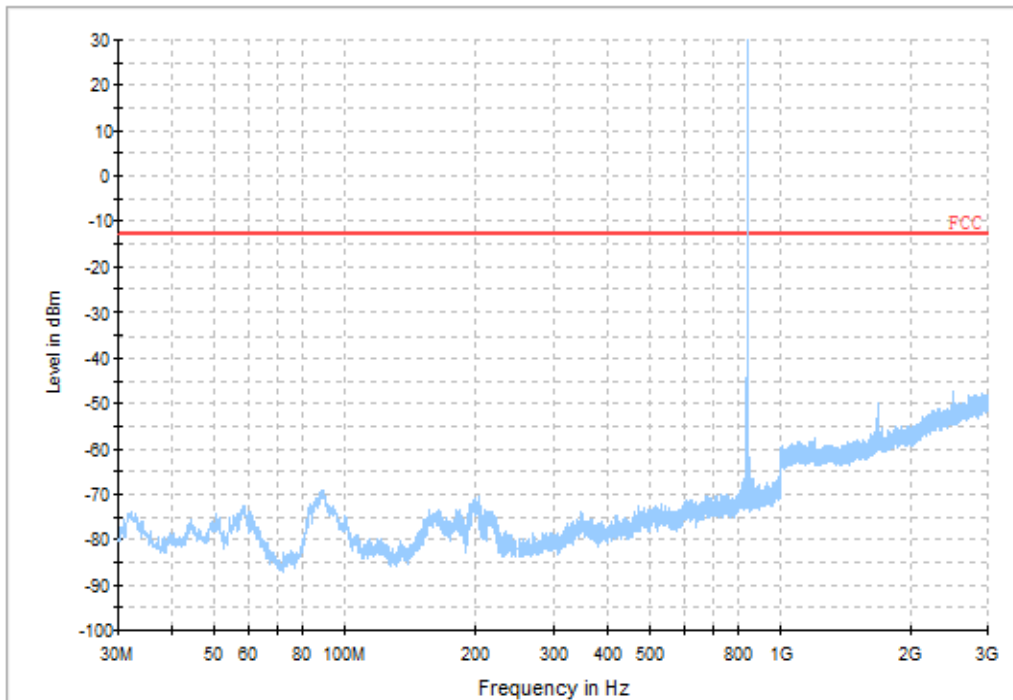
Copy of FCC PART22 GSM850_H



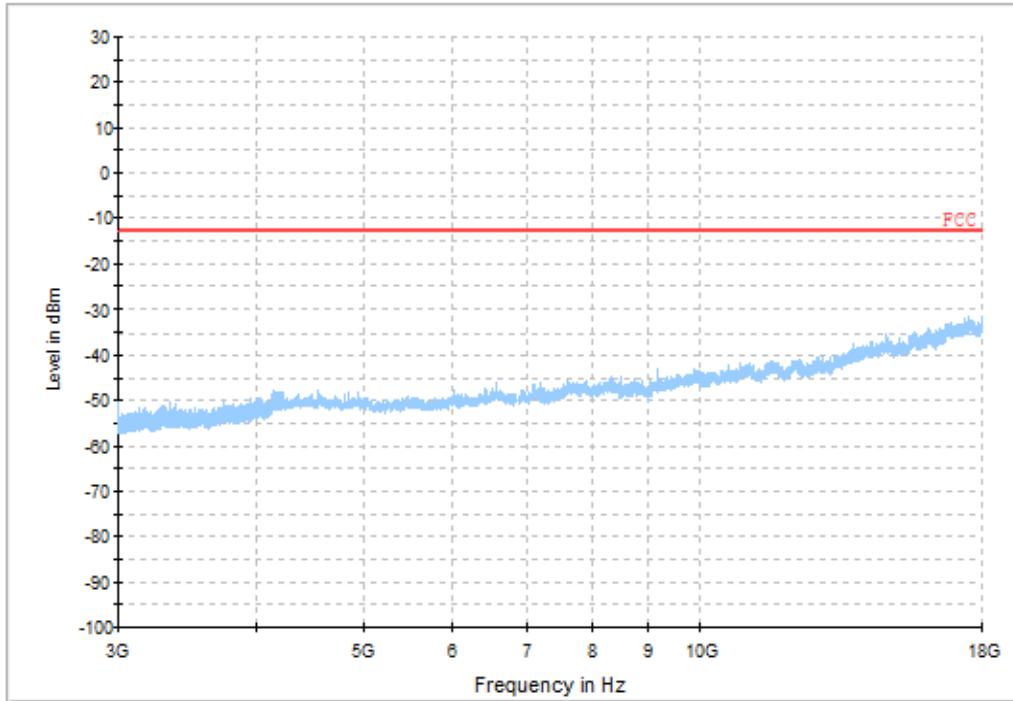
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

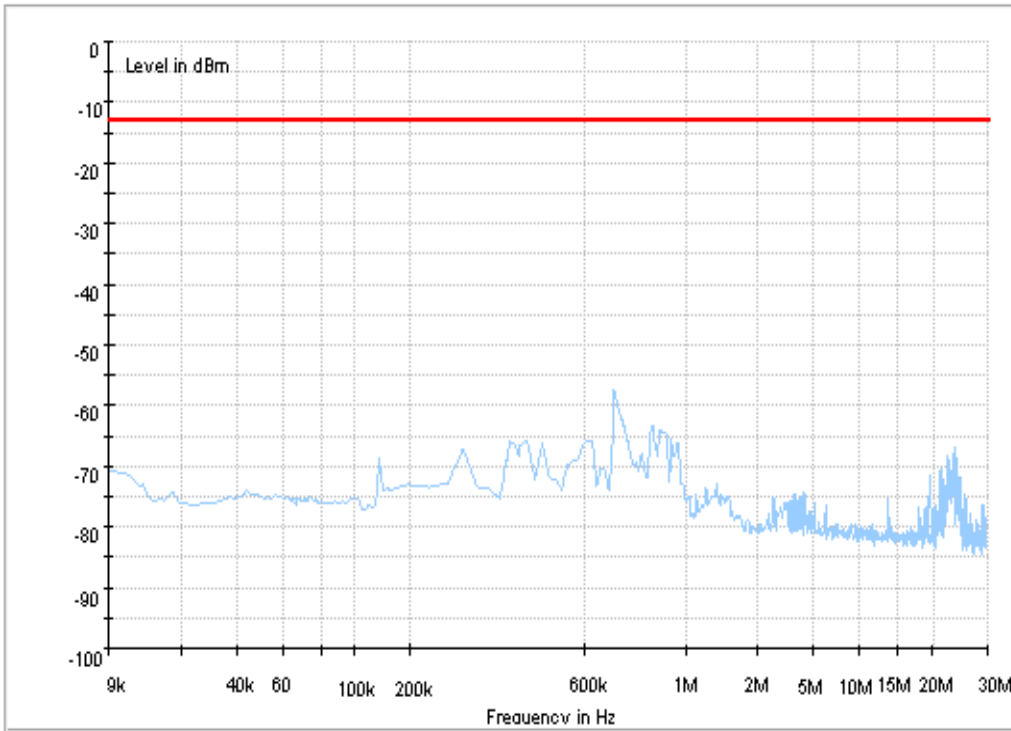


Copy of FCC PART22 GSM850_H

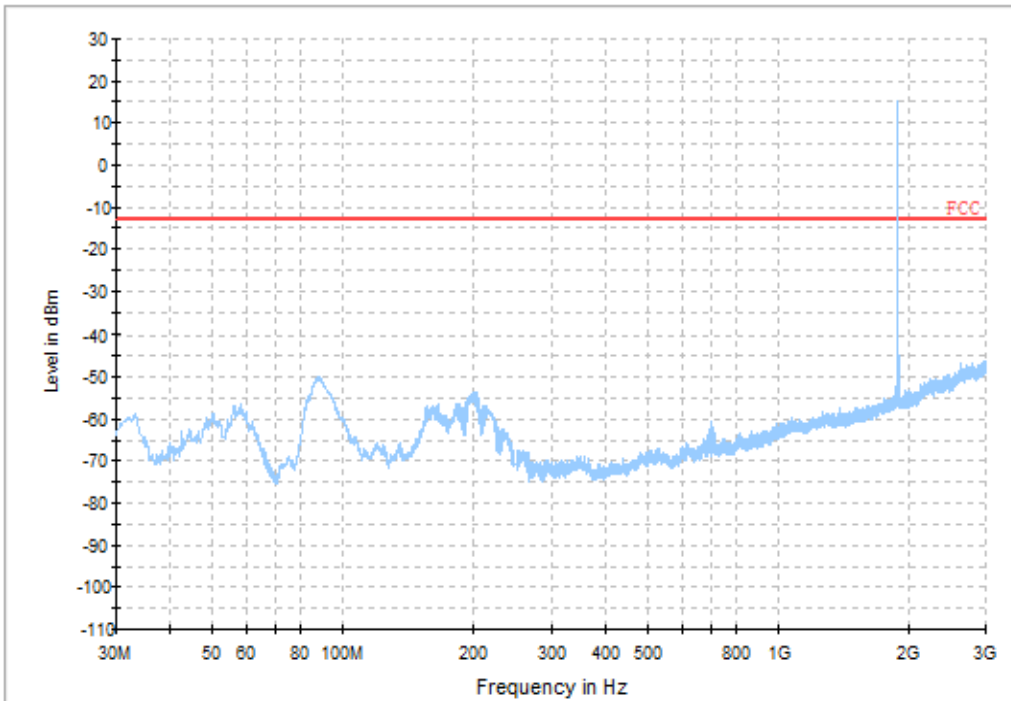


7.1.2 Test Band = GSM1900

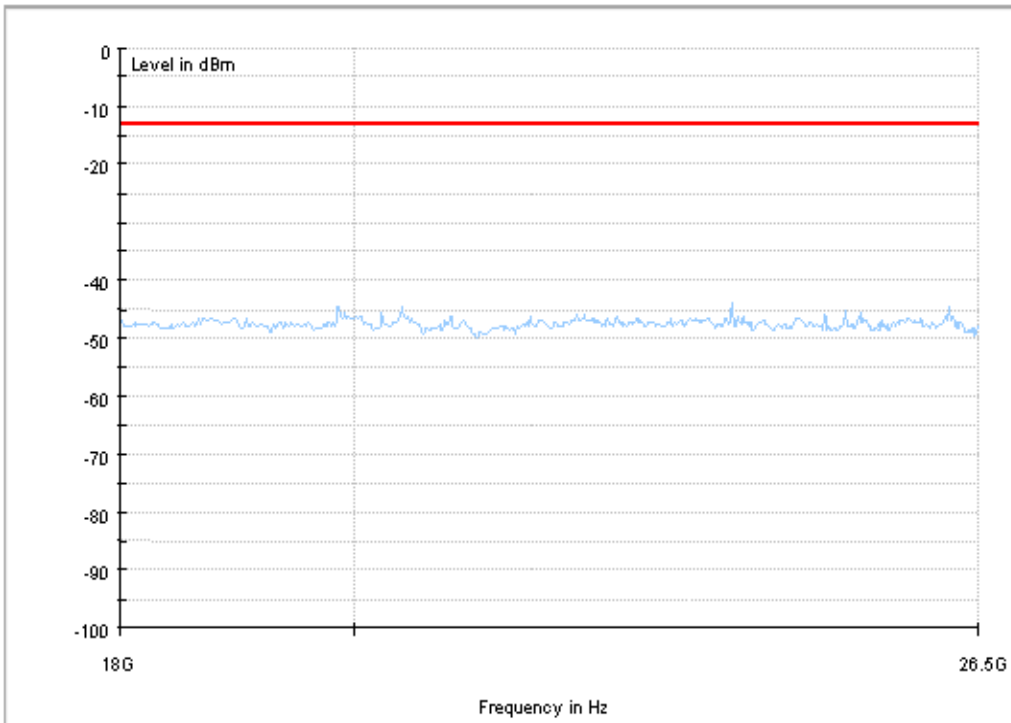
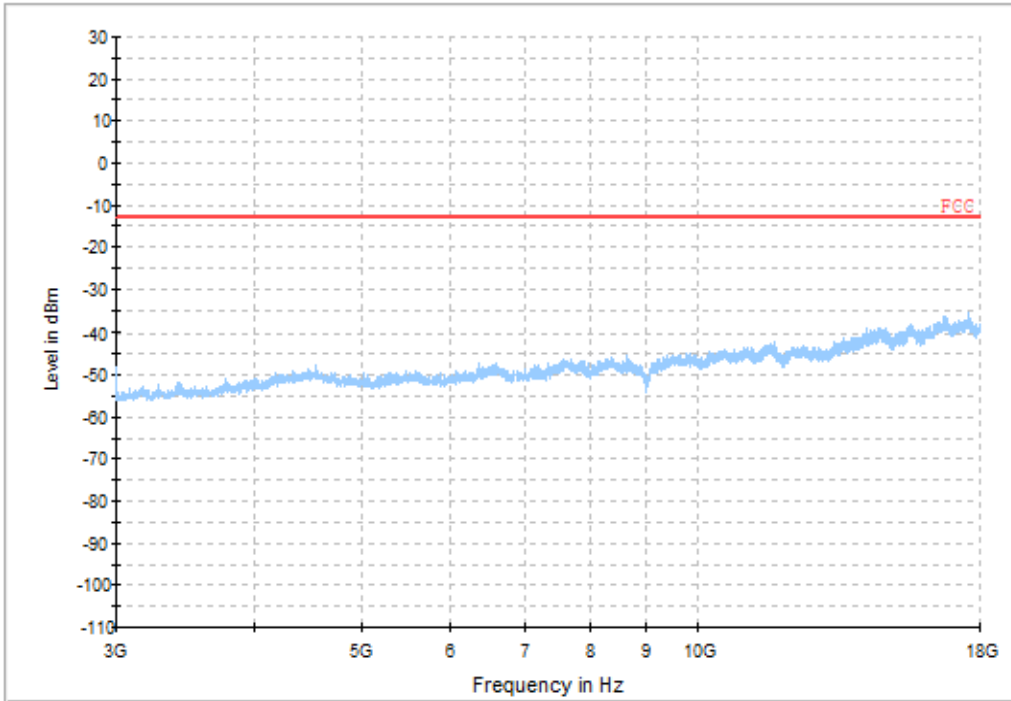
7.1.2.1 Test Mode = GSM/TM1



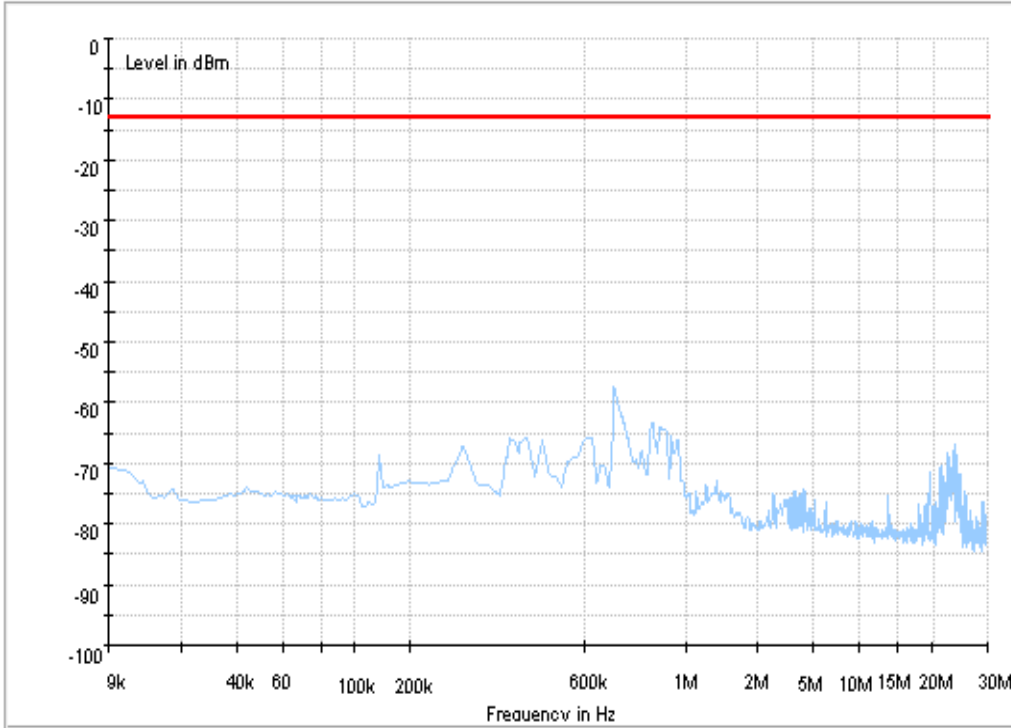
Copy of FCC PART24 GSM1900_L



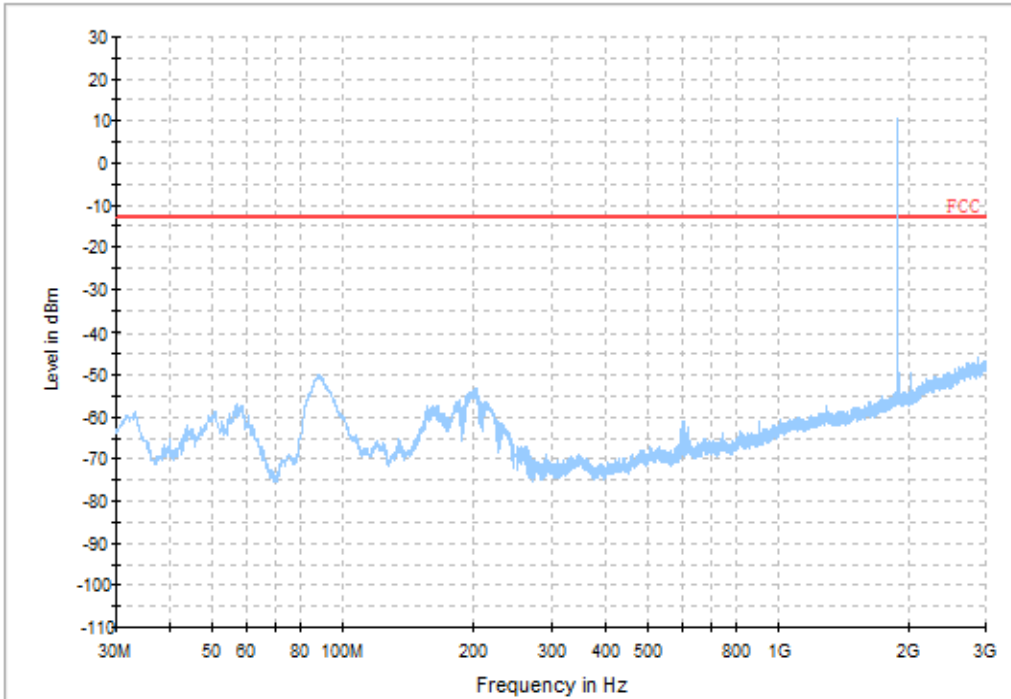
Copy of FCC PART24 GSM1900_H



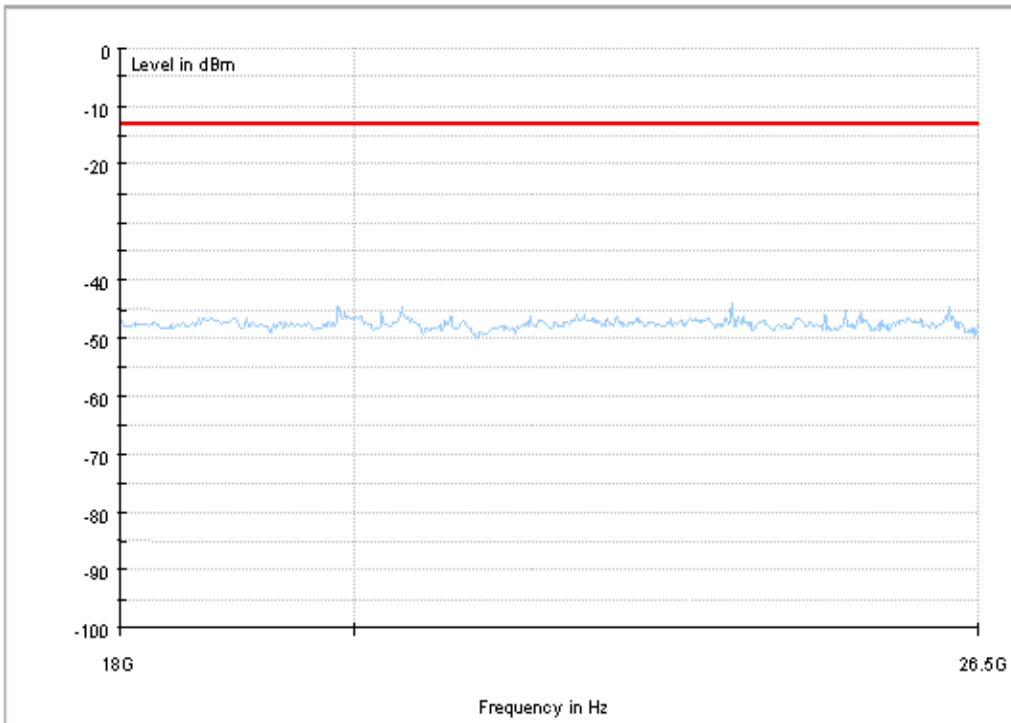
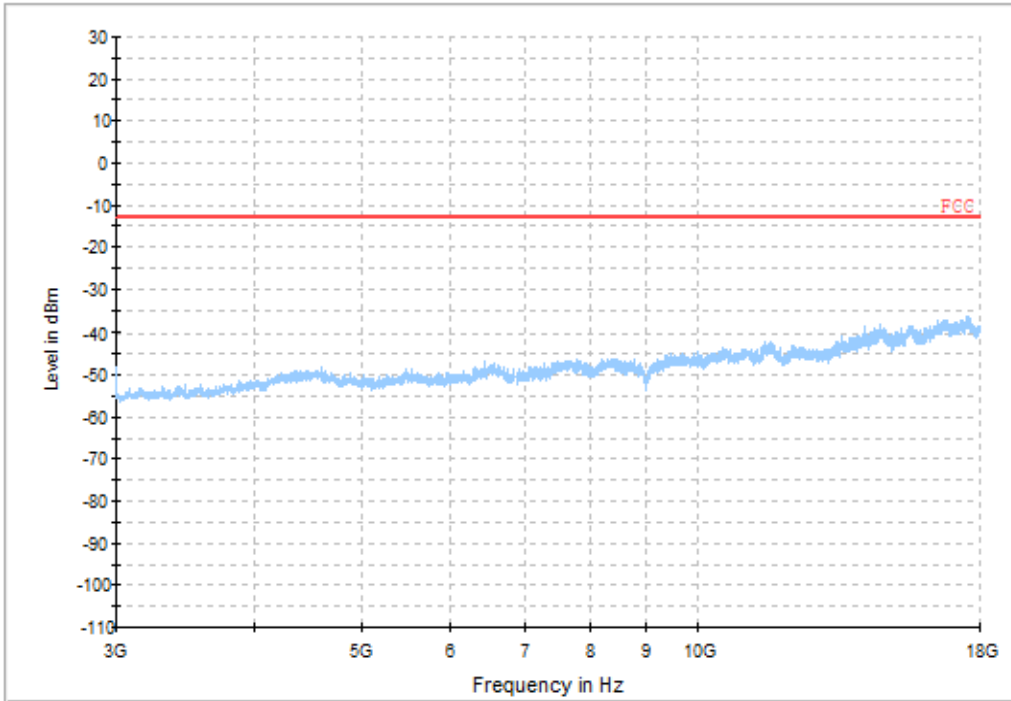
7.1.2.2 Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900_L



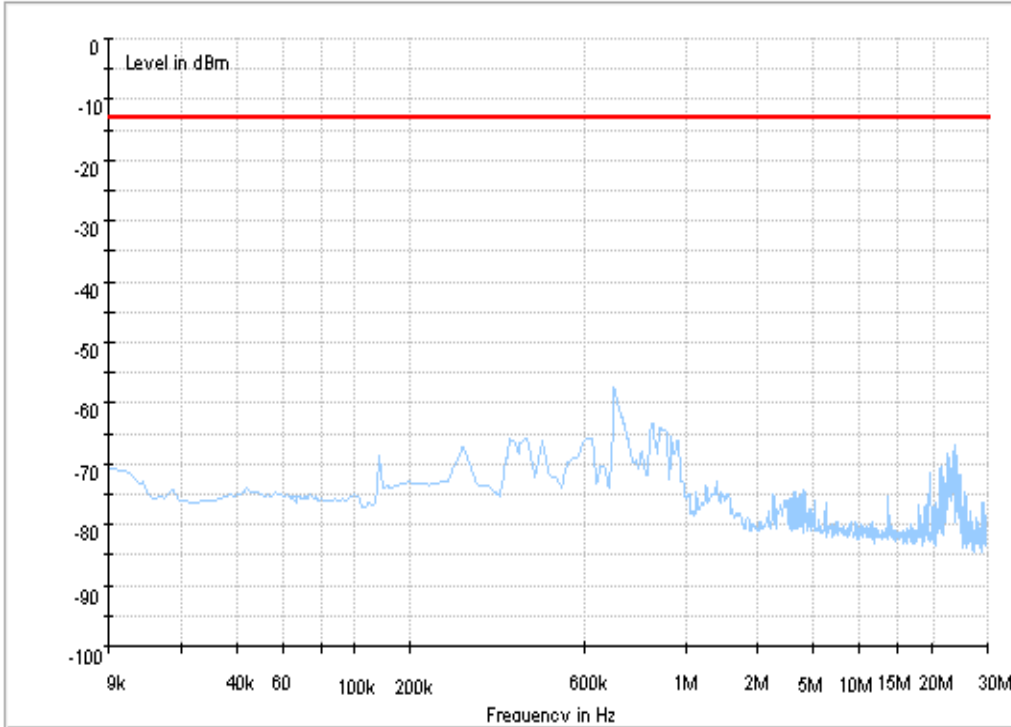
Copy of FCC PART24 GSM1900_H



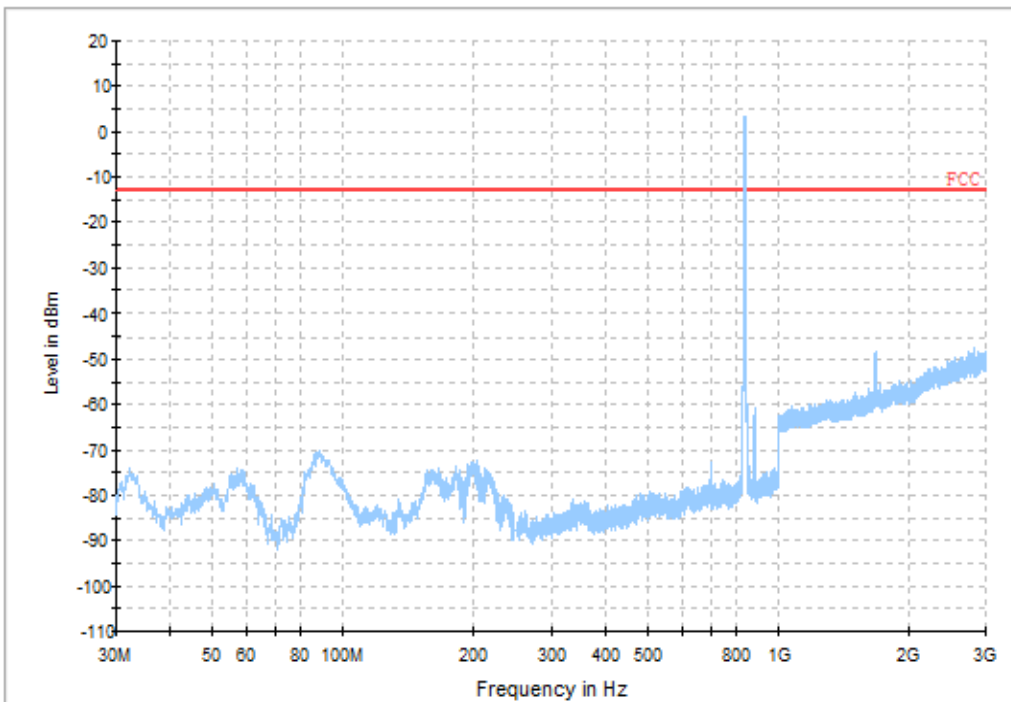
7.2 For UMTS

7.2.1 Test Band = WCDMA850

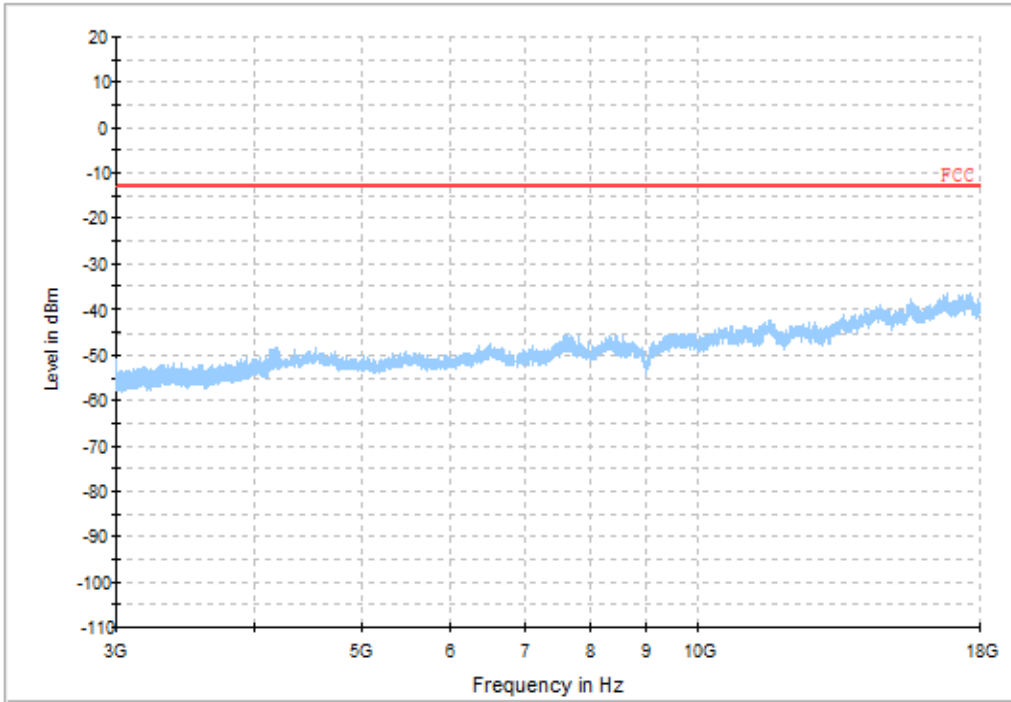
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

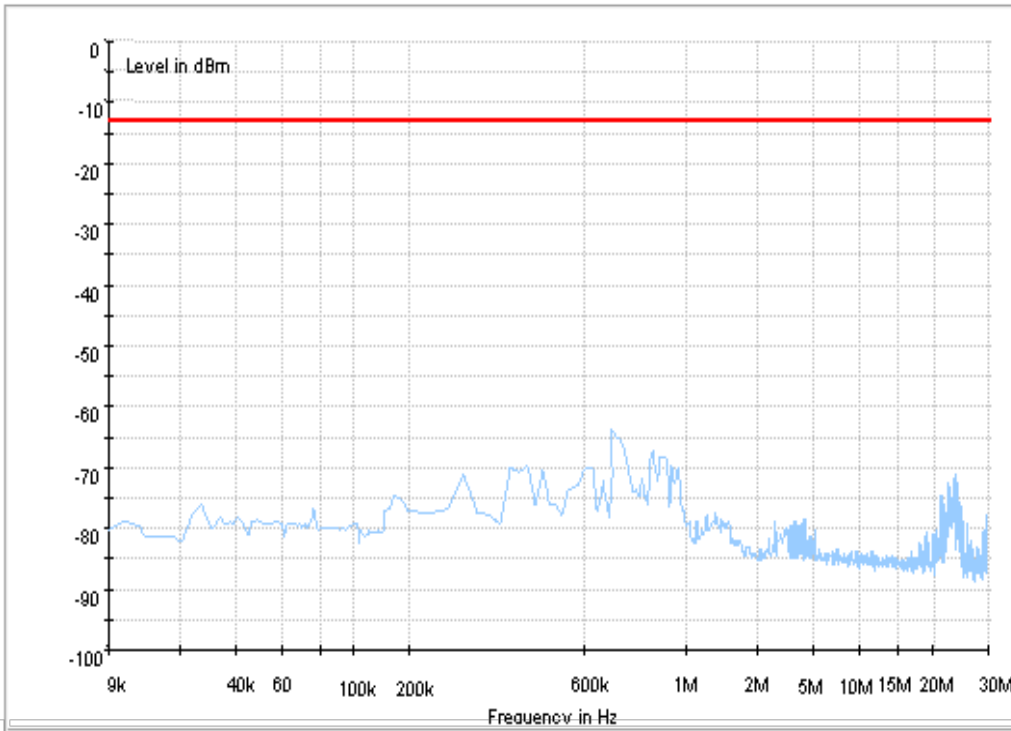


Copy of FCC PART22 WCDMA850_H

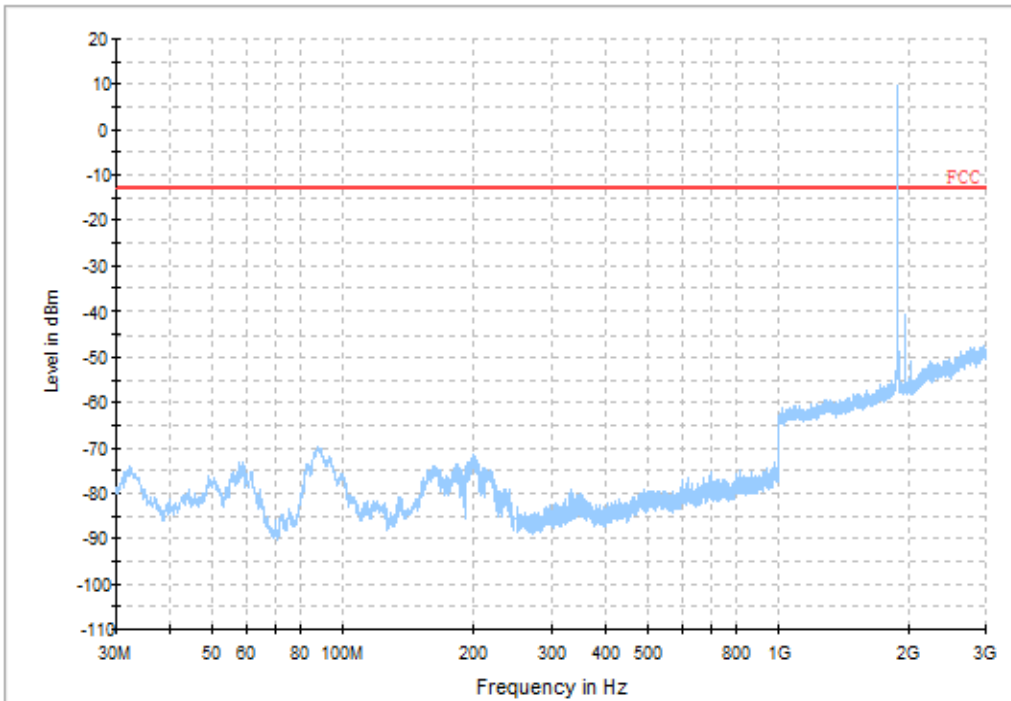


7.2.2 Test Band = WCDMA1900

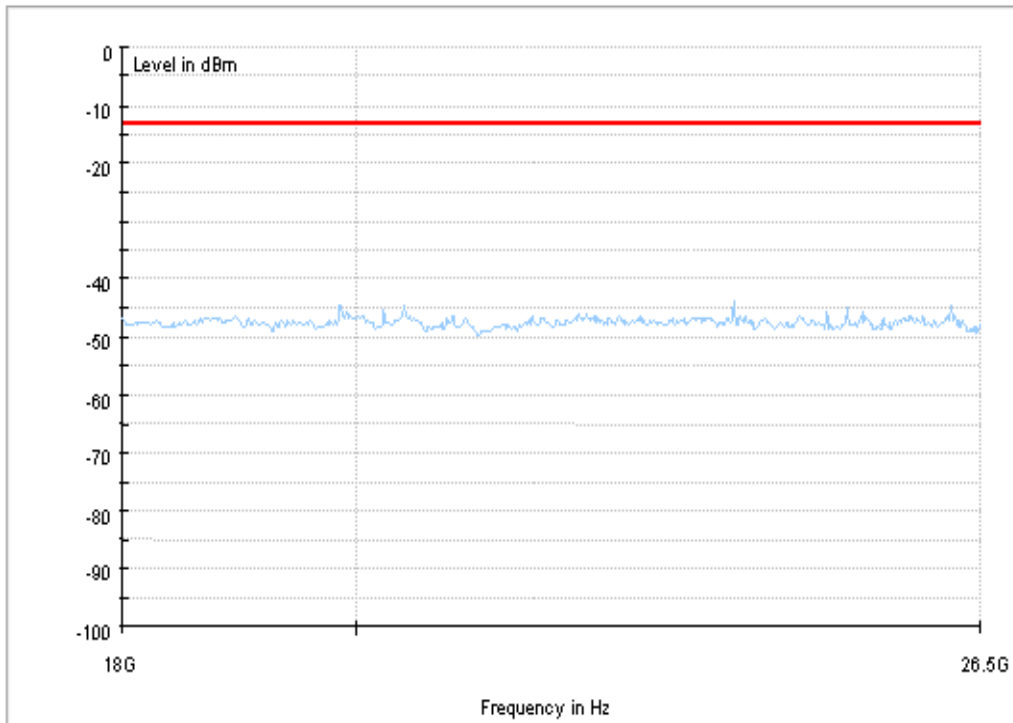
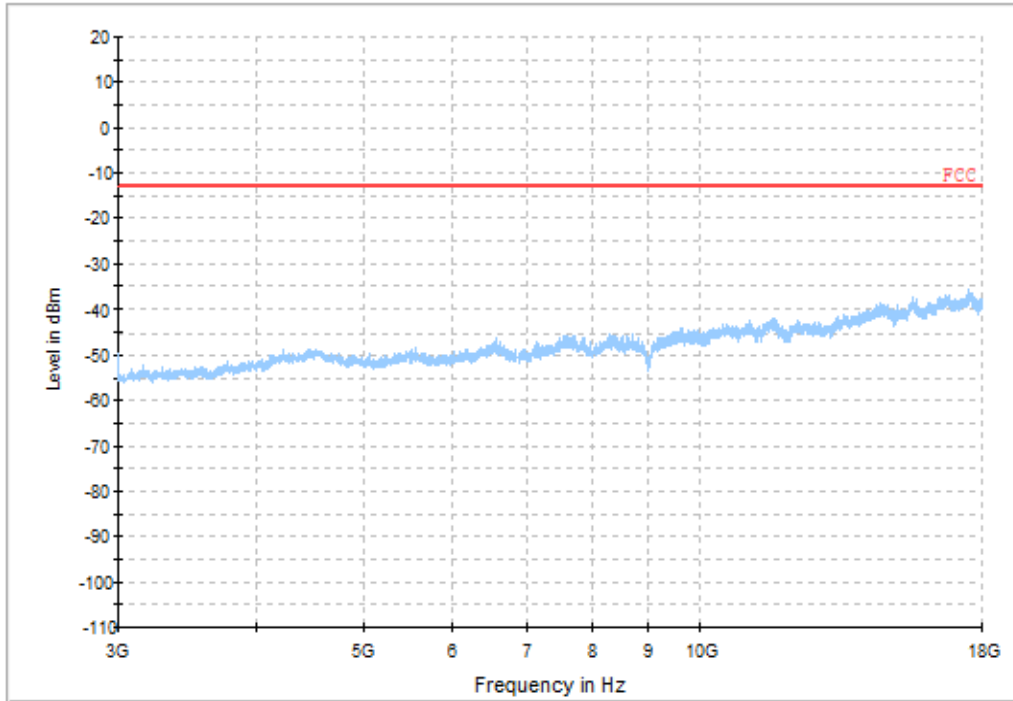
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L



Copy of FCC PART24 WCDMA1900_H



8Appendix_H: Frequency Stability



8.1 For GSM

8.1.1 Frequency 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	-3.1	-0.00376	PASS
				VN	-7.43	-0.00901	PASS
				VH	-6.26	-0.0076	PASS
		MCH	TN	VL	-0.97	-0.00116	PASS
				VN	-3.29	-0.00393	PASS
				VH	0.19	0.00023	PASS
		HCH	TN	VL	-5.04	-0.00594	PASS
				VN	-7.94	-0.00935	PASS
				VH	-2.32	-0.00273	PASS
	GSM/TM2	LCH	TN	VL	-4.2	-0.0051	PASS
				VN	-4.23	-0.00513	PASS
				VH	-8.68	-0.01053	PASS
		MCH	TN	VL	-6.84	-0.00818	PASS
				VN	-9.85	-0.01177	PASS
				VH	-6.46	-0.00772	PASS
		HCH	TN	VL	-10.98	-0.01294	PASS
				VN	-12.4	-0.01461	PASS
				VH	-9.46	-0.01115	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-6.26	-0.00338	PASS
				VN	-10.72	-0.00579	PASS
				VH	-12.27	-0.00663	PASS
		MCH	TN	VL	-11.43	-0.00608	PASS
				VN	-4.65	-0.00247	PASS
				VH	-5.42	-0.00288	PASS
		HCH	TN	VL	-16.72	-0.00875	PASS
				VN	-12.14	-0.00636	PASS
				VH	-13.04	-0.00683	PASS
	GSM/TM2	LCH	TN	VL	-10.88	-0.00588	PASS
				VN	-10.94	-0.00591	PASS
				VH	-14.14	-0.00764	PASS
		MCH	TN	VL	-17.95	-0.00955	PASS
				VN	-16.69	-0.00888	PASS
				VH	-24.31	-0.01293	PASS
		HCH	TN	VL	-26.67	-0.01396	PASS
				VN	-18.53	-0.0097	PASS
				VH	-0.26	-0.00014	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	3.81	0.00462	PASS
				-20	-4.84	-0.00587	PASS
				-10	-5.49	-0.00666	PASS
				0	-3.29	-0.00399	PASS
				10	-7.17	-0.0087	PASS
				20	-5.36	-0.0065	PASS
				30	-3.94	-0.00478	PASS
				40	1.03	0.00125	PASS
		50	-6.78	-0.00823	PASS		
		MCH	VN	-30	0.84	0.001	PASS
				-20	-0.45	-0.00054	PASS
				-10	-1.36	-0.00163	PASS
				0	-5.42	-0.00648	PASS
				10	-5.94	-0.0071	PASS
				20	-10.2	-0.01219	PASS
				30	-1.81	-0.00216	PASS
				40	0.06	0.00007	PASS
		50	0.9	0.00108	PASS		
		HCH	VN	-30	-2.13	-0.00251	PASS
				-20	0.9	0.00106	PASS
				-10	-11.49	-0.01354	PASS
				0	-7.36	-0.00867	PASS
				10	0.52	0.00061	PASS
				20	-7.17	-0.00845	PASS
	30			-6.65	-0.00783	PASS	
	40			-0.06	-0.00007	PASS	
	50	-2.07	-0.00244	PASS			
	GSM/TM2	LCH	VN	-30	-5.71	-0.00693	PASS
				-20	-11.72	-0.01422	PASS
				-10	-10.33	-0.01253	PASS
				0	-9.65	-0.01171	PASS
				10	-13.01	-0.01579	PASS
				20	-10.01	-0.01215	PASS
				30	-8.43	-0.01023	PASS
				40	-10.33	-0.01253	PASS
				50	-7.65	-0.00928	PASS
MCH		VN	-30	-11.78	-0.01408	PASS	
			-20	-7.81	-0.00934	PASS	



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				-10	-5.84	-0.00698	PASS		
				0	-3.68	-0.0044	PASS		
				10	-13.79	-0.01648	PASS		
				20	-4.04	-0.00483	PASS		
				30	-5.78	-0.00691	PASS		
				40	-3.97	-0.00475	PASS		
		HCH	VN	-30	-10.94	-0.01289	PASS		
				-20	-5.71	-0.00673	PASS		
				-10	-9.98	-0.01176	PASS		
				0	-4.97	-0.00586	PASS		
				10	-14.85	-0.0175	PASS		
				20	-6.33	-0.00746	PASS		
		GSM1900	GSM/TM1	LCH	VN	30	-8.52	-0.01004	PASS
						40	-10.65	-0.01255	PASS
						50	-11.88	-0.014	PASS
						-30	-14.85	-0.00803	PASS
						-20	-10.72	-0.00579	PASS
						-10	-9.56	-0.00517	PASS
MCH	VN			0	-10.65	-0.00576	PASS		
				10	-18.47	-0.00998	PASS		
				20	-6.52	-0.00352	PASS		
				30	-8.65	-0.00468	PASS		
				40	-5.88	-0.00318	PASS		
				50	-18.21	-0.00984	PASS		
HCH	VN			-30	-6.65	-0.00354	PASS		
				-20	-6.65	-0.00354	PASS		
				-10	-18.14	-0.00965	PASS		
				0	-22.66	-0.01205	PASS		
				10	-19.95	-0.01061	PASS		
				20	-10.27	-0.00546	PASS		
				30	-6.97	-0.00371	PASS		
				40	-16.4	-0.00872	PASS		
				50	-5.49	-0.00292	PASS		
				-30	-14.53	-0.00761	PASS		
				-20	-7.81	-0.00409	PASS		
				-10	-17.43	-0.00913	PASS		
				0	-21.5	-0.01126	PASS		
				10	-7.43	-0.00389	PASS		
				20	-4.39	-0.0023	PASS		



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	GSM/TM2	LCH	VN	30	-8.39	-0.00439	PASS
				40	-14.08	-0.00737	PASS
				50	-8.14	-0.00426	PASS
				-30	-16.11	-0.00871	PASS
				-20	-12.27	-0.00663	PASS
				-10	-12.24	-0.00662	PASS
				0	-14.4	-0.00778	PASS
				10	-6.07	-0.00328	PASS
				20	-4.81	-0.0026	PASS
				30	-7.88	-0.00426	PASS
		40	-25.28	-0.01366	PASS		
		50	-22.99	-0.01243	PASS		
		MCH	VN	-30	-6.39	-0.0034	PASS
				-20	-13.14	-0.00699	PASS
				-10	-17.31	-0.00921	PASS
				0	-8.23	-0.00438	PASS
				10	-13.56	-0.00721	PASS
				20	-10.17	-0.00541	PASS
				30	-5	-0.00266	PASS
				40	-10.17	-0.00541	PASS
				50	-14.14	-0.00752	PASS
				HCH	VN	-30	-15.43
		-20	-12.75			-0.00668	PASS
		-10	-9.69			-0.00507	PASS
		0	-21.57			-0.01129	PASS
		10	-16.82			-0.00881	PASS
		20	-15.85			-0.0083	PASS
		30	-8.01			-0.00419	PASS
		40	-9.2			-0.00482	PASS
		50	-11.4			-0.00597	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	1.16	0.0014	PASS
				VN	2.06	0.00249	PASS
				VH	2.26	0.00273	PASS



Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	0.26	0.00031	PASS
				VN	-2.14	-0.00256	PASS
				VH	-0.46	-0.00055	PASS
		HCH	TN	VL	-1.04	-0.00123	PASS
				VN	-0.47	-0.00056	PASS
				VH	-2.24	-0.00265	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	-1.82	-0.00098	PASS
				VN	-1.4	-0.00076	PASS
				VH	0.43	0.00023	PASS
		MCH	TN	VL	-8.33	-0.00443	PASS
				VN	-7.69	-0.00409	PASS
				VH	-6.77	-0.0036	PASS
		HCH	TN	VL	-9.32	-0.00489	PASS
				VN	-9.46	-0.00496	PASS
				VH	-8.07	-0.00423	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	3.37	0.00408	PASS
				-20	2.69	0.00326	PASS
				-10	2.84	0.00344	PASS
				0	1.69	0.00205	PASS
				10	2.98	0.00361	PASS
				20	1.21	0.00146	PASS
				30	2.03	0.00246	PASS
				40	1.71	0.00207	PASS
				50	1.6	0.00194	PASS
		MCH	VN	-30	2.32	0.00277	PASS
				-20	-0.47	-0.00056	PASS
				-10	-1.51	-0.00181	PASS
				0	0.24	0.00029	PASS
				10	1.88	0.00225	PASS
				20	2.09	0.0025	PASS
				30	0.34	0.00041	PASS
				40	-1.08	-0.00129	PASS
				50	0.38	0.00045	PASS
		HCH	VN	-30	0.21	0.00025	PASS
				-20	-2.04	-0.00241	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-10	-1.77	-0.00209	PASS
				0	0.27	0.00032	PASS
				10	-2.06	-0.00243	PASS
				20	0.08	0.00009	PASS
				30	-1.36	-0.00161	PASS
				40	-1.57	-0.00185	PASS
				50	-1.42	-0.00168	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	-5.22	-0.00282	PASS
				-20	-1.92	-0.00104	PASS
				-10	-2.41	-0.0013	PASS
				0	-1.77	-0.00096	PASS
				10	-2.49	-0.00134	PASS
				20	-2.46	-0.00133	PASS
				30	0.23	0.00012	PASS
				40	-2.38	-0.00128	PASS
				50	0.18	0.0001	PASS
		MCH	VN	-30	-5.43	-0.00289	PASS
				-20	-7.55	-0.00402	PASS
				-10	-6.9	-0.00367	PASS
				0	-5.94	-0.00316	PASS
				10	-5.46	-0.0029	PASS
				20	-6.09	-0.00324	PASS
				30	-10.04	-0.00534	PASS
				40	-7.37	-0.00392	PASS
				50	-4.56	-0.00243	PASS
		HCH	VN	-30	-10.42	-0.00546	PASS
				-20	-9.7	-0.00508	PASS
				-10	-11.35	-0.00595	PASS
				0	-9.87	-0.00517	PASS
				10	-10.97	-0.00575	PASS
				20	-10.82	-0.00567	PASS
				30	-7.52	-0.00394	PASS
				40	-9.32	-0.00489	PASS
				50	-8.85	-0.00464	PASS

END