



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	31.7	30.07	38.5	PASS
		MCH	31.83	30.2	38.5	PASS
		HCH	31.91	30.28	38.5	PASS
	GSM/TM2	LCH	25.23	23.6	38.5	PASS
		MCH	25.2	23.57	38.5	PASS
		HCH	25.11	23.48	38.5	PASS
WCDMA850	UMTS/TM1	LCH	21.97	20.34	38.5	PASS
		MCH	21.94	20.31	38.5	PASS
		HCH	21.96	20.33	38.5	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.03	31.61	33	PASS
		MCH	28.84	31.42	33	PASS
		HCH	28.69	31.27	33	PASS
	GSM/TM2	LCH	24.71	27.29	33	PASS
		MCH	24.72	27.3	33	PASS
		HCH	24.59	27.17	33	PASS
WCDMA1900	UMTS/TM1	LCH	22.04	24.62	33	PASS
		MCH	21.74	24.32	33	PASS
		HCH	22.15	24.73	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	0.13	13	PASS
		MCH	0.13	13	PASS
		HCH	0.14	13	PASS
	GSM/TM2	LCH	3.15	13	PASS
		MCH	3.13	13	PASS
		HCH	3.15	13	PASS

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	2.77	13	PASS
		MCH	3.15	13	PASS
		HCH	3.09	13	PASS

3Appendix_C: Modulation Characteristics

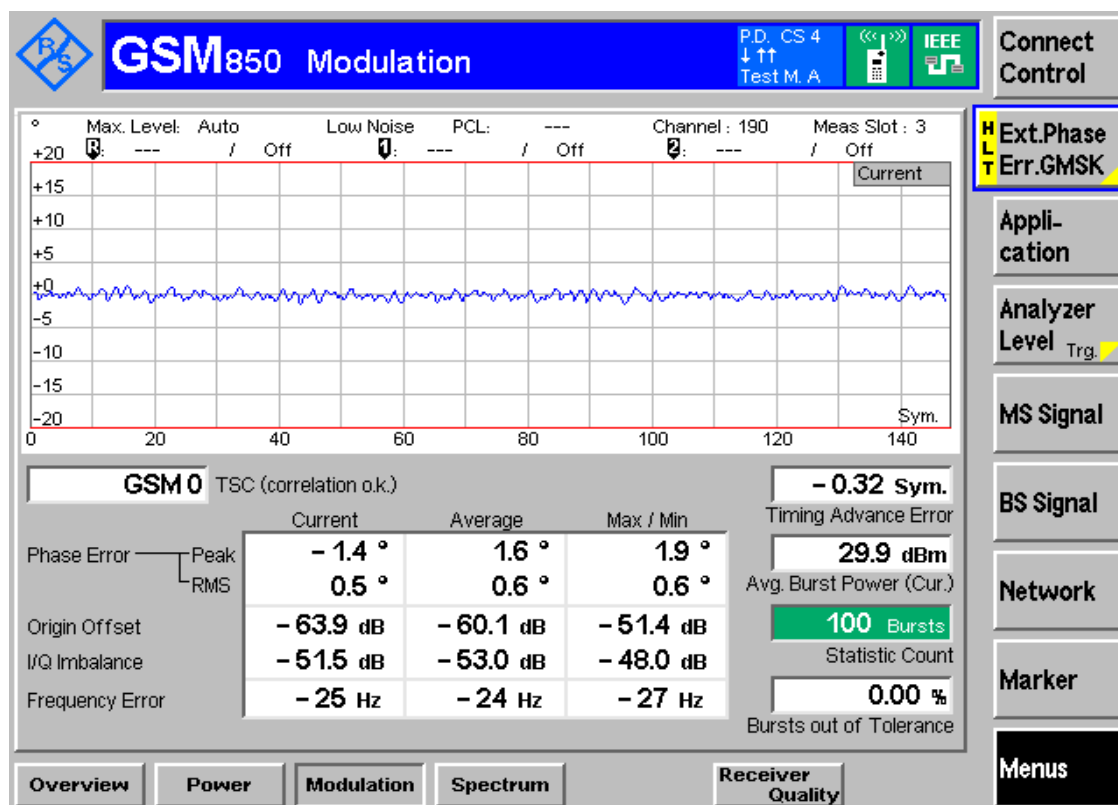
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

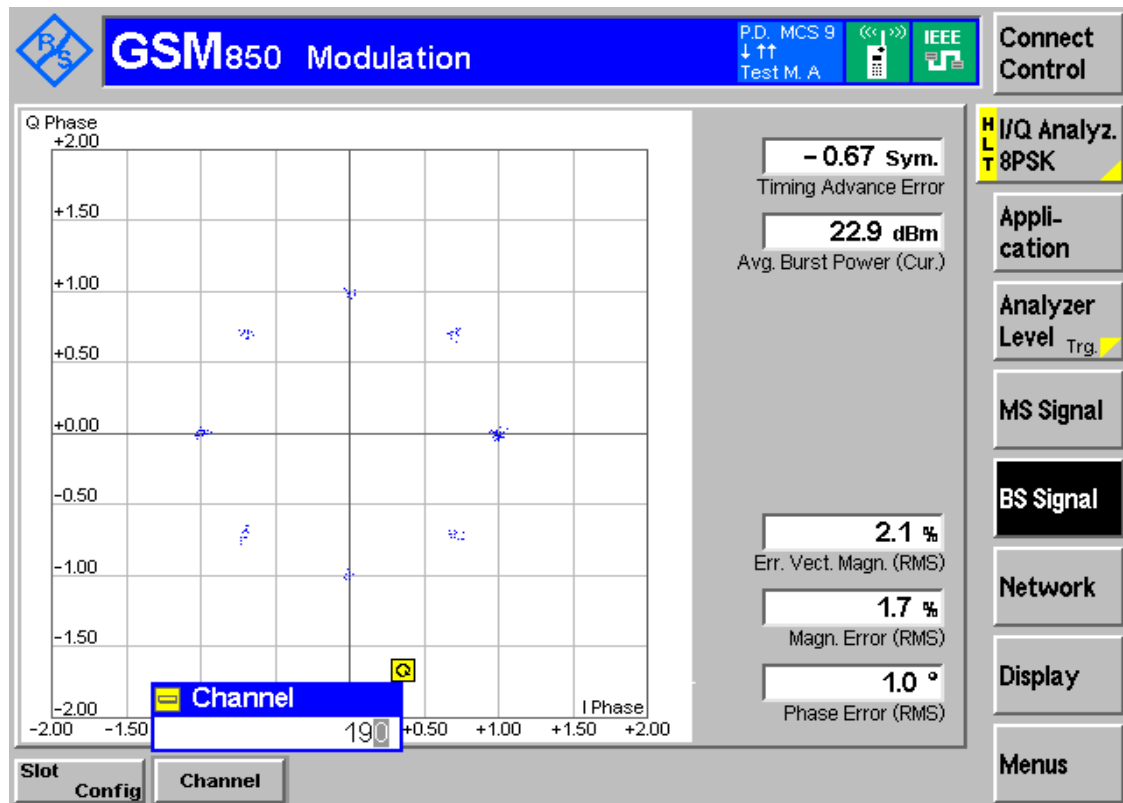
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

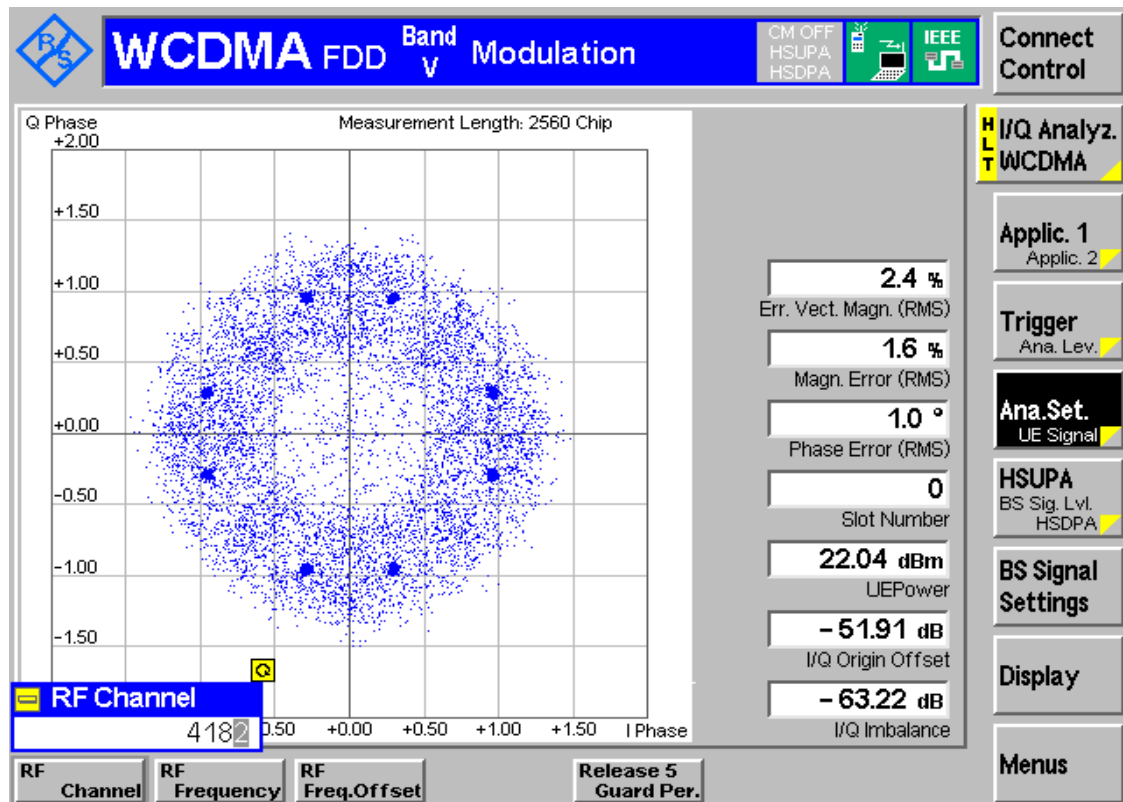
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = WCDMA850

3.1.2.1 Test Mode = UMTS/TM1

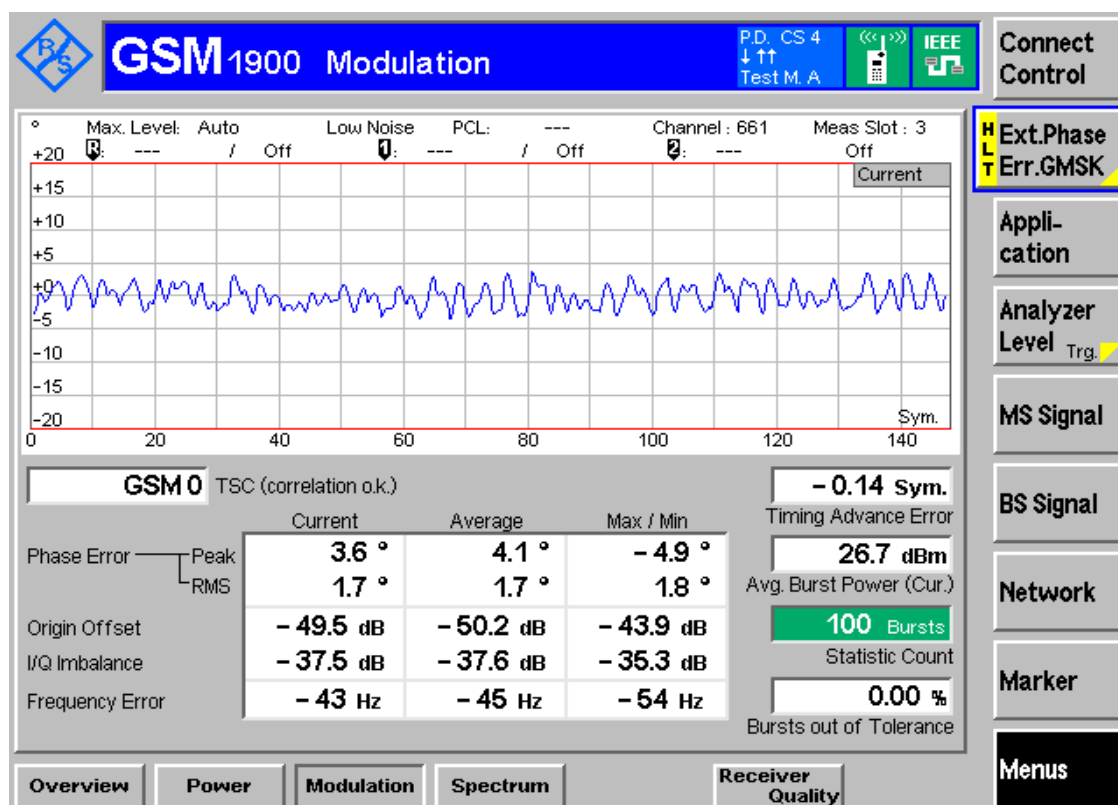
3.1.2.1.1 Test Channel = MCH



3.1.3 Test Band = GSM1900

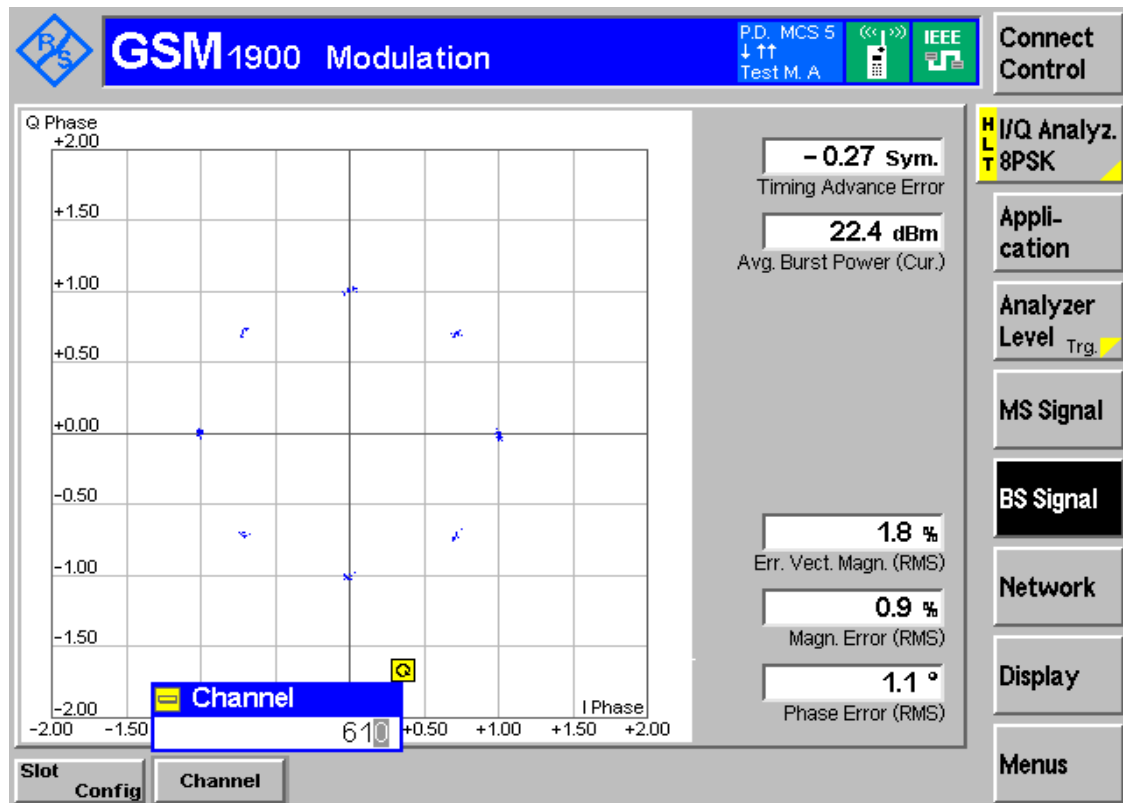
3.1.3.1 Test Mode = GSM/TM1

3.1.3.1.1 Test Channel = MCH



3.1.3.2 Test Mode = GSM/TM2

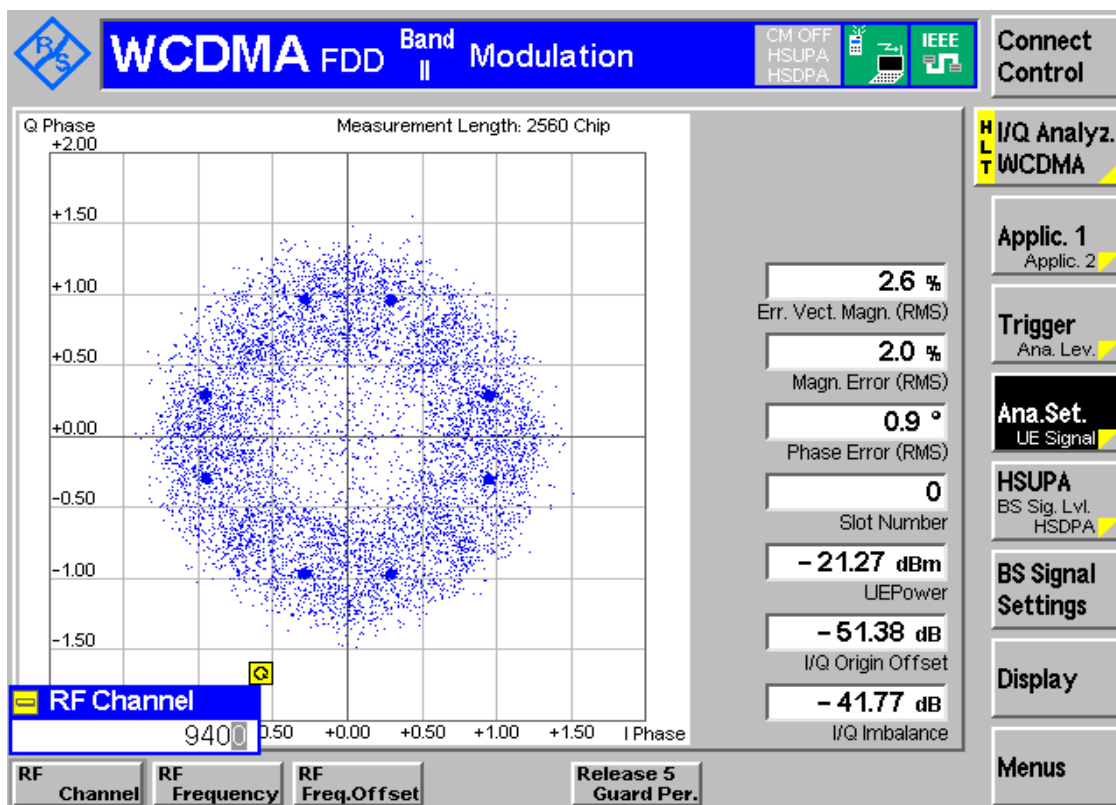
3.1.3.2.1 Test Channel = MCH



3.1.4 Test Band = WCDMA1900

3.1.4.1 Test Mode = UMTS/TM1

3.1.4.1.1 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	240.11	311.35	Pass
		MCH	243.01	317.34	Pass
		HCH	242.52	311.18	Pass
	GSM/TM2	LCH	244.92	308.88	Pass
		MCH	235.71	305.48	Pass
		HCH	233.20	294.99	Pass
WCDMA850	UMTS/TM1	LCH	4.18	4.83	Pass
		MCH	4.17	4.71	Pass
		HCH	4.18	4.78	Pass
GSM1900	GSM/TM1	LCH	242.69	310.44	Pass
		MCH	244.86	316.74	Pass
		HCH	241.97	311.89	Pass
	GSM/TM2	LCH	245.12	317.34	Pass
		MCH	248.40	313.20	Pass
		HCH	245.01	318.58	Pass
WCDMA1900	UMTS/TM1	LCH	4.16	4.72	Pass
		MCH	4.17	4.72	Pass
		HCH	4.15	4.72	Pass

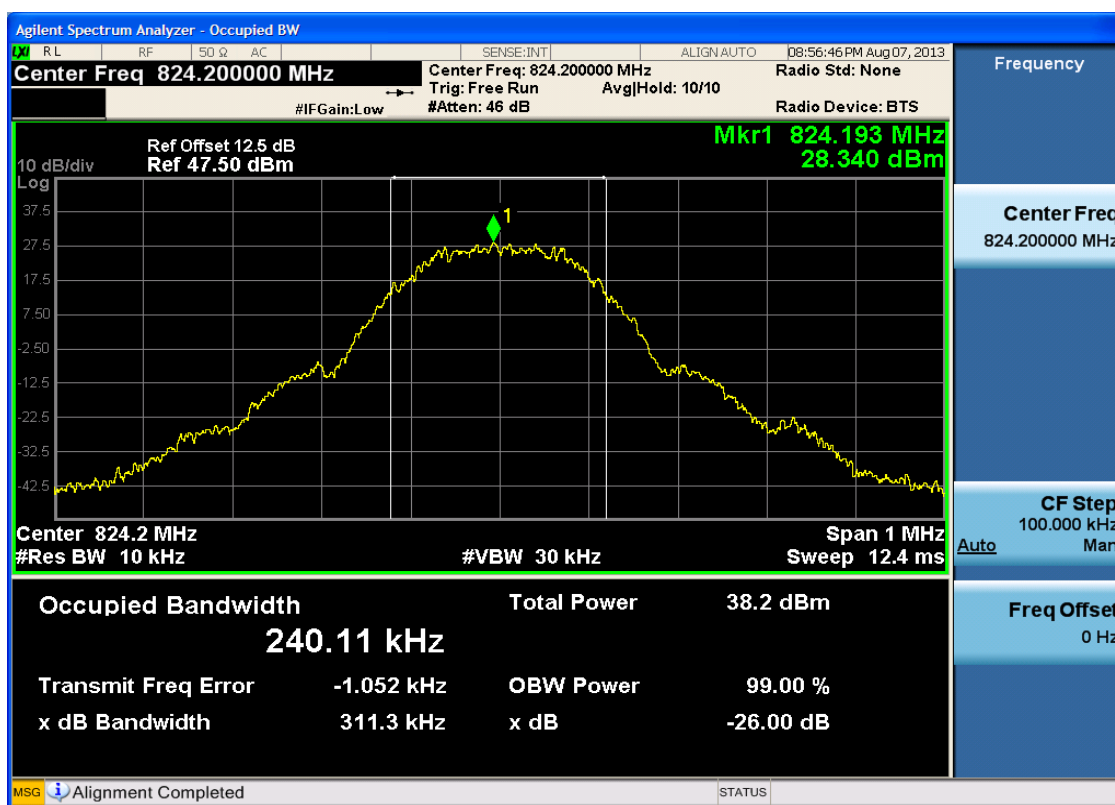
Part II - Test Plots

4.1 For GSM

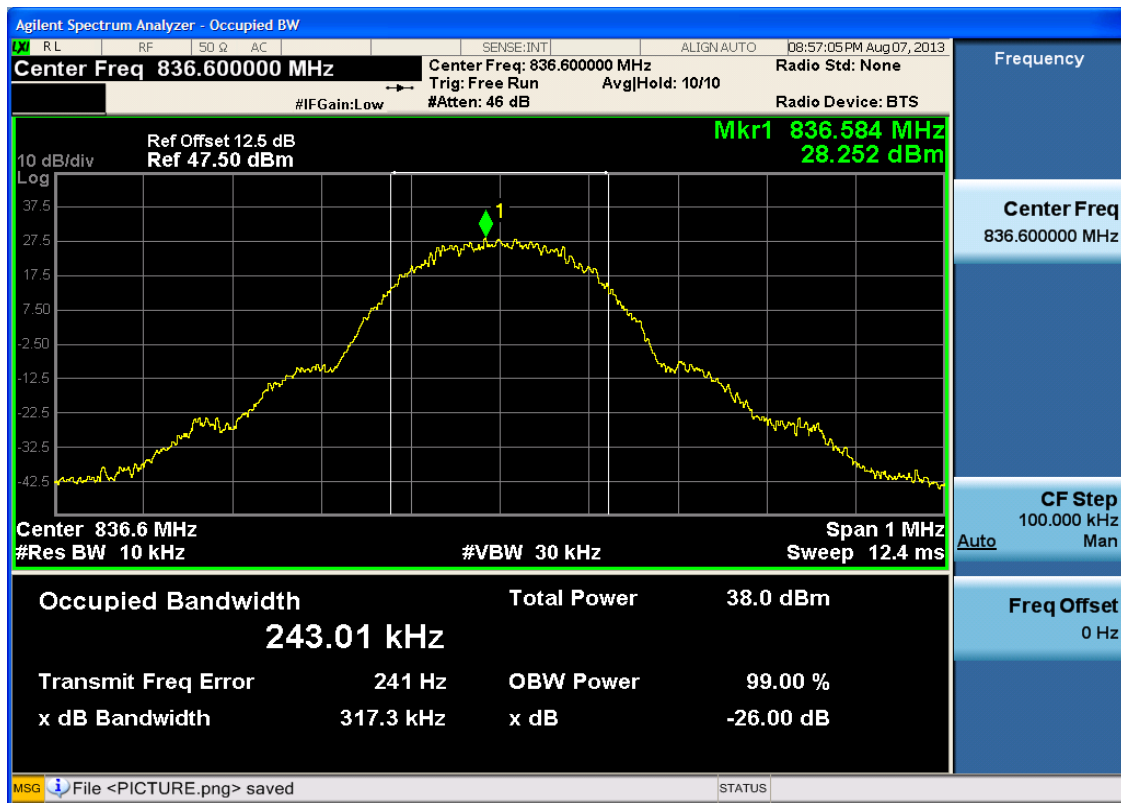
4.1.1 Test Band = GSM850

4.1.1.1 Test Mode = GSM/TM1

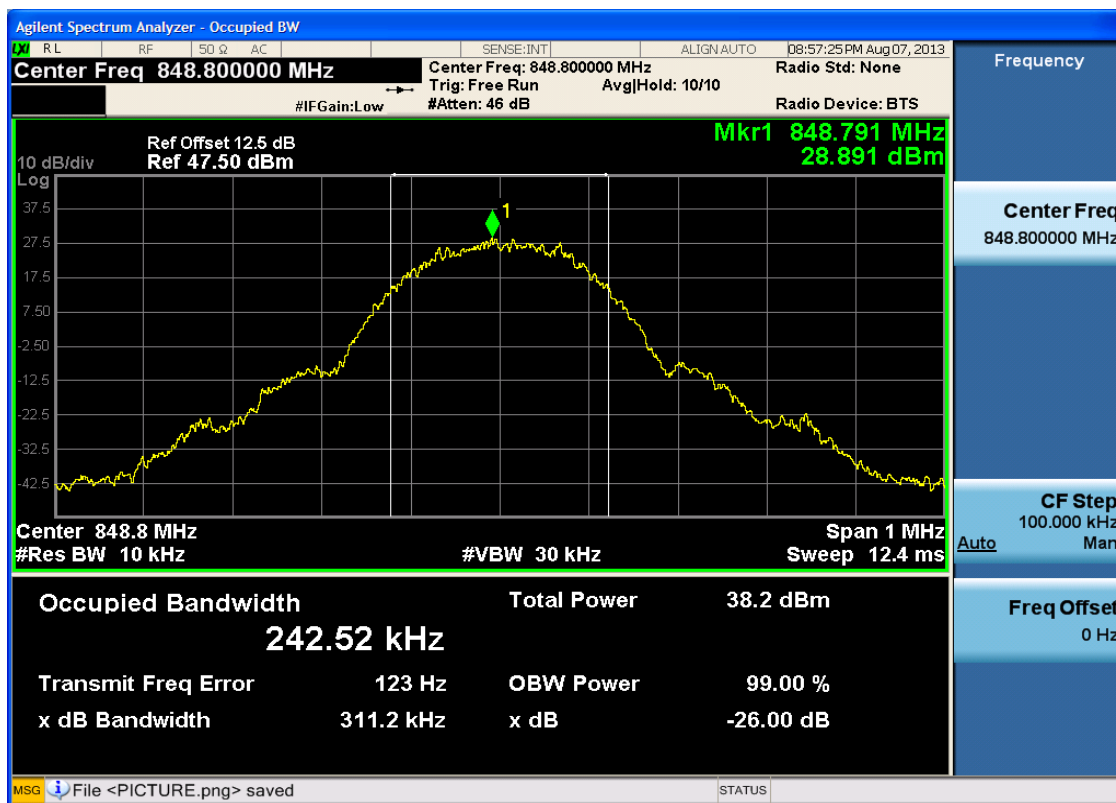
4.1.1.1.1 Test Channel = LCH



4.1.1.1.2 Test Channel = MCH



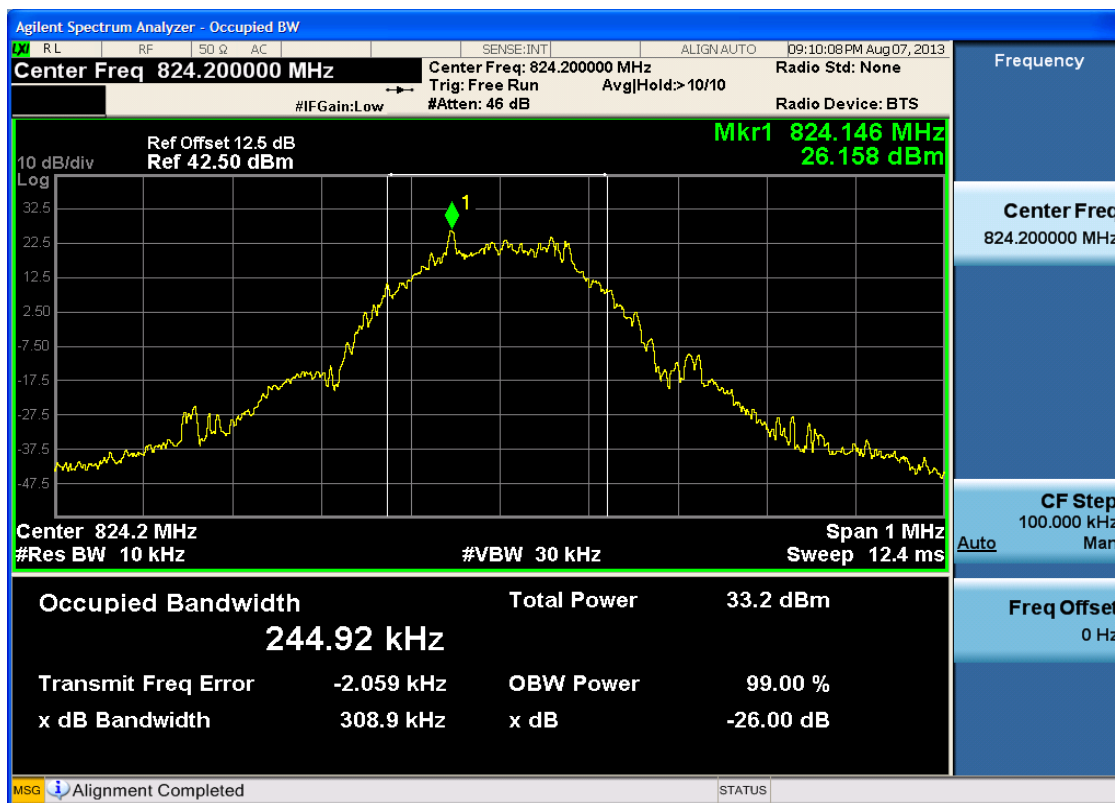
4.1.1.1.3 Test Channel = HCH



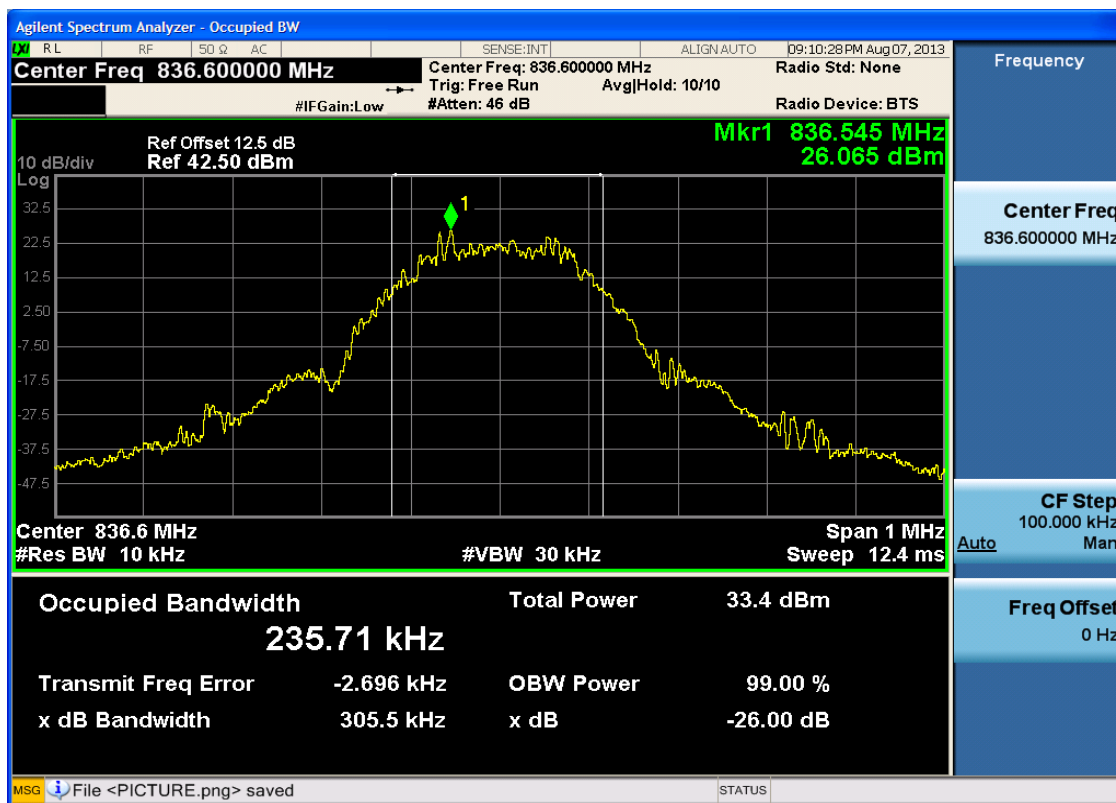


4.1.1.2 Test Mode = GSM/TM2

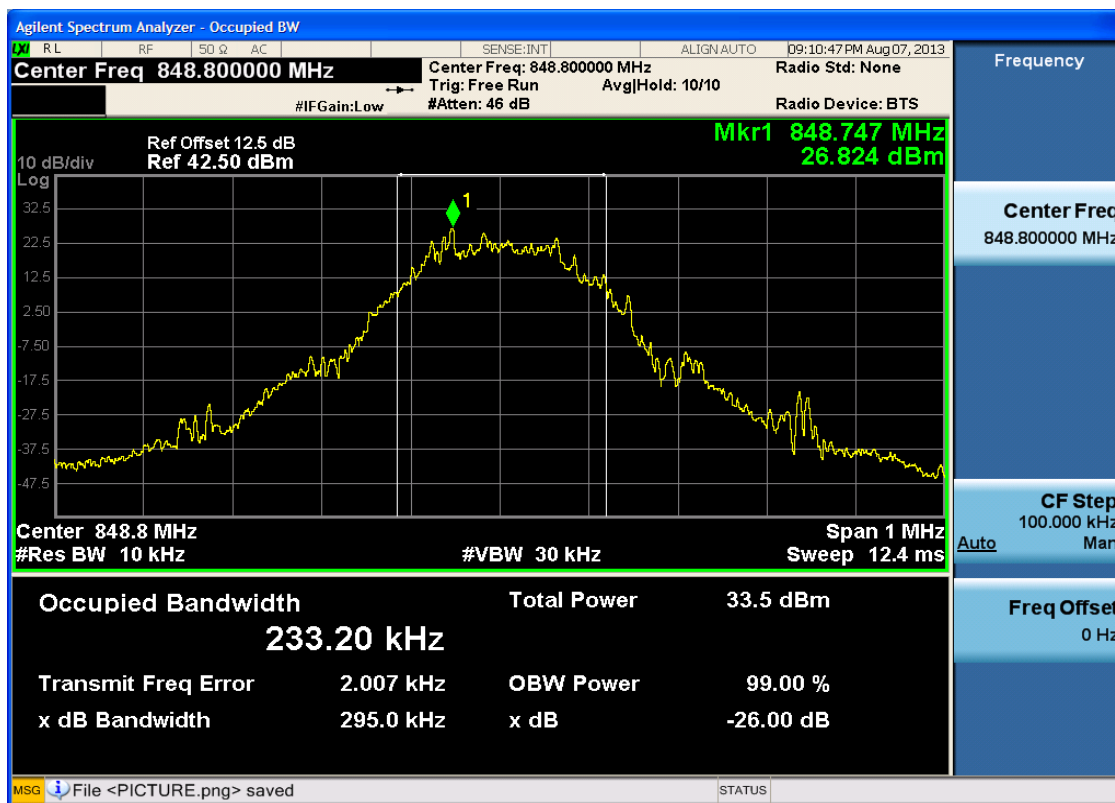
4.1.1.2.1 Test Channel = LCH



4.1.1.2.2 Test Channel = MCH



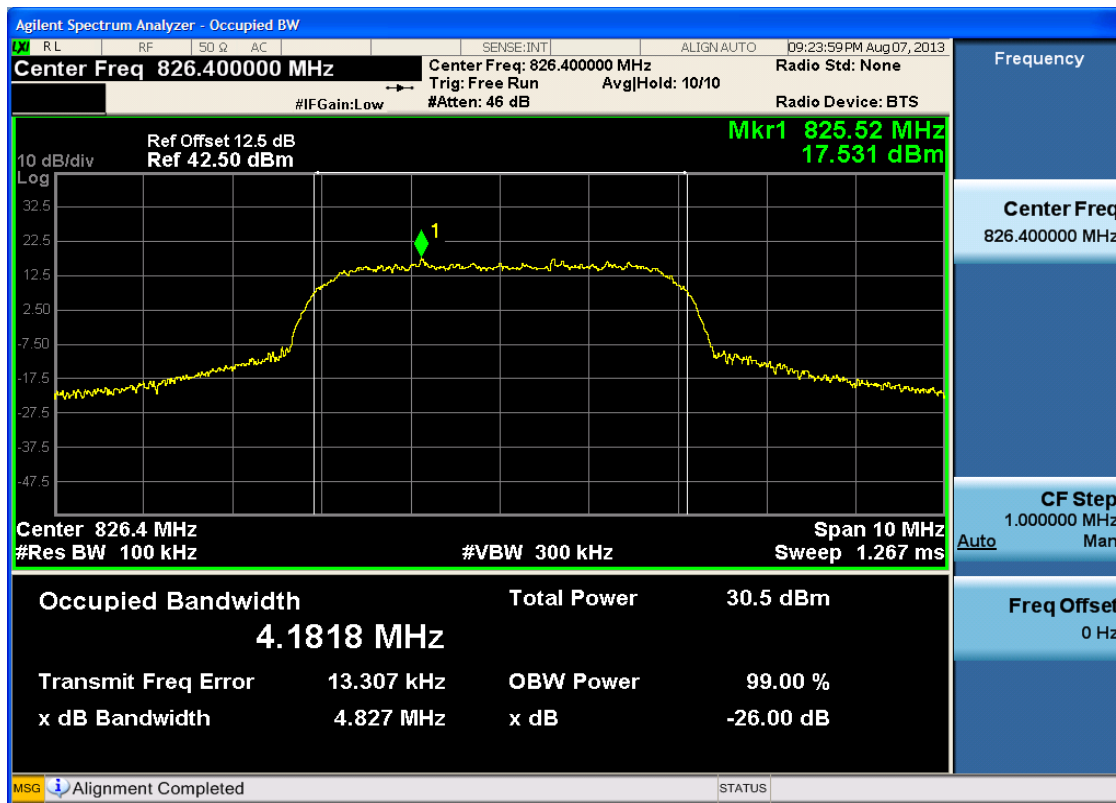
4.1.1.2.3 Test Channel = HCH



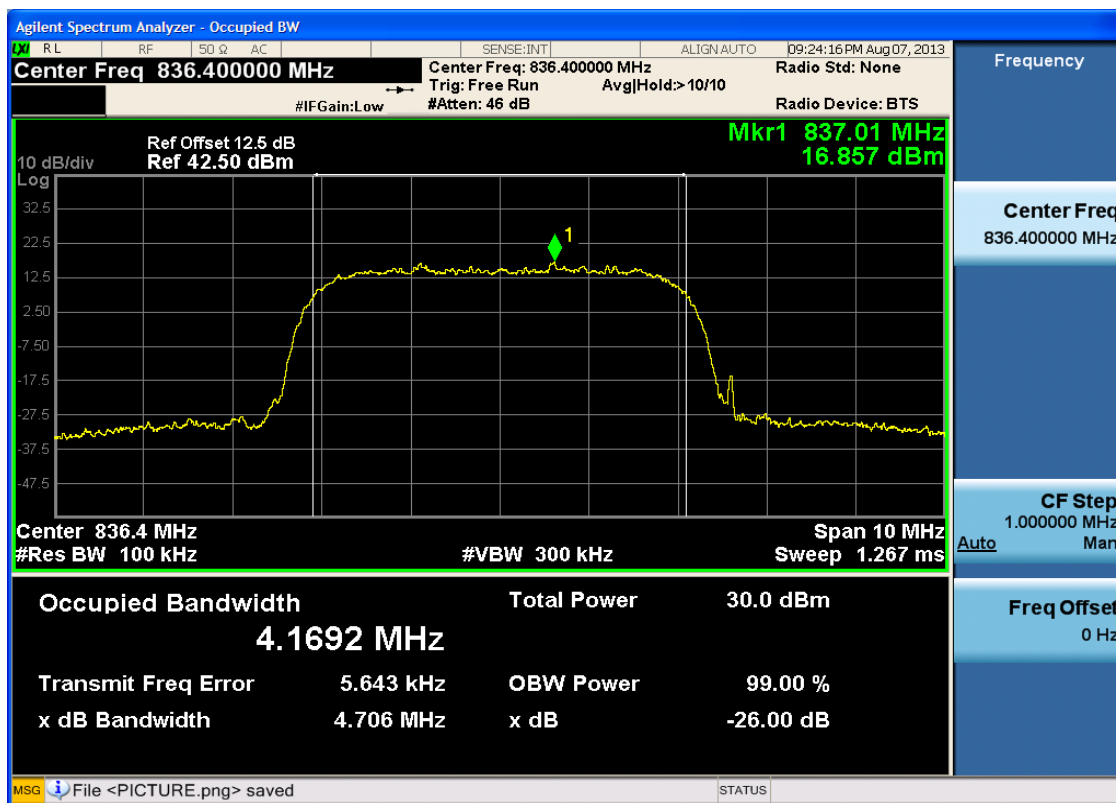
4.1.2 Test Band = WCDMA850

4.1.2.1 Test Mode = UMTS/TM1

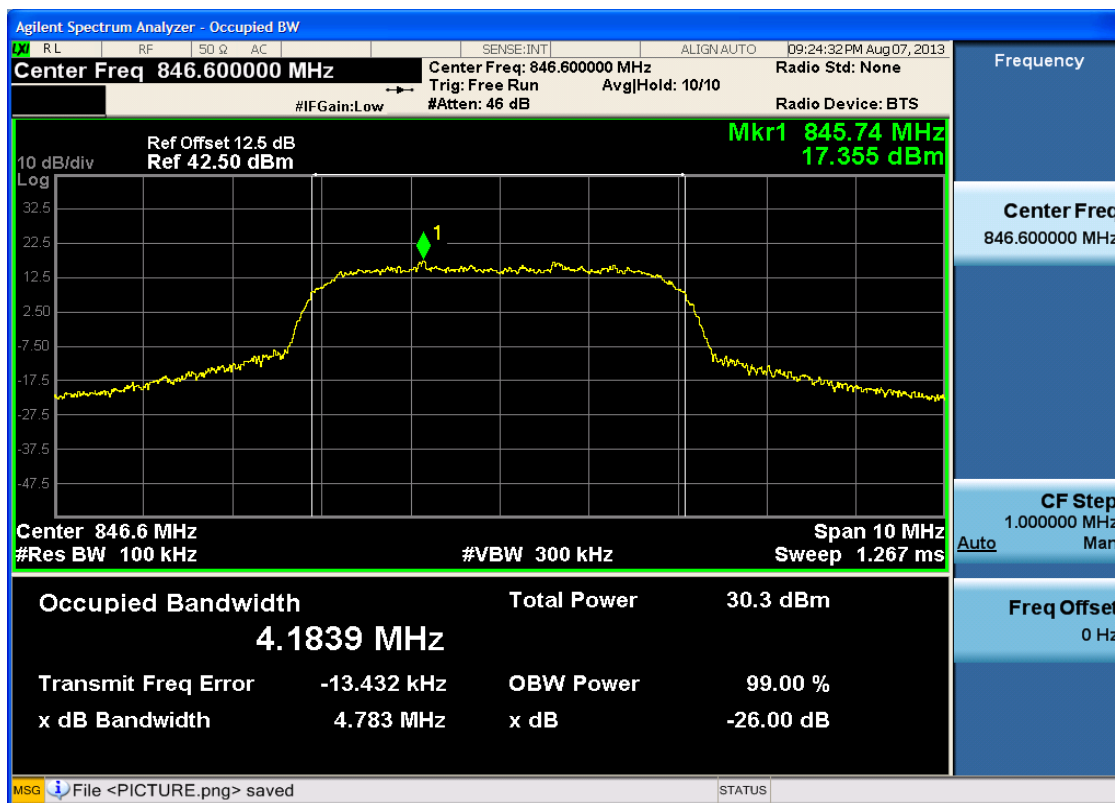
4.1.2.1.1 Test Channel = LCH



4.1.2.1.2 Test Channel = MCH



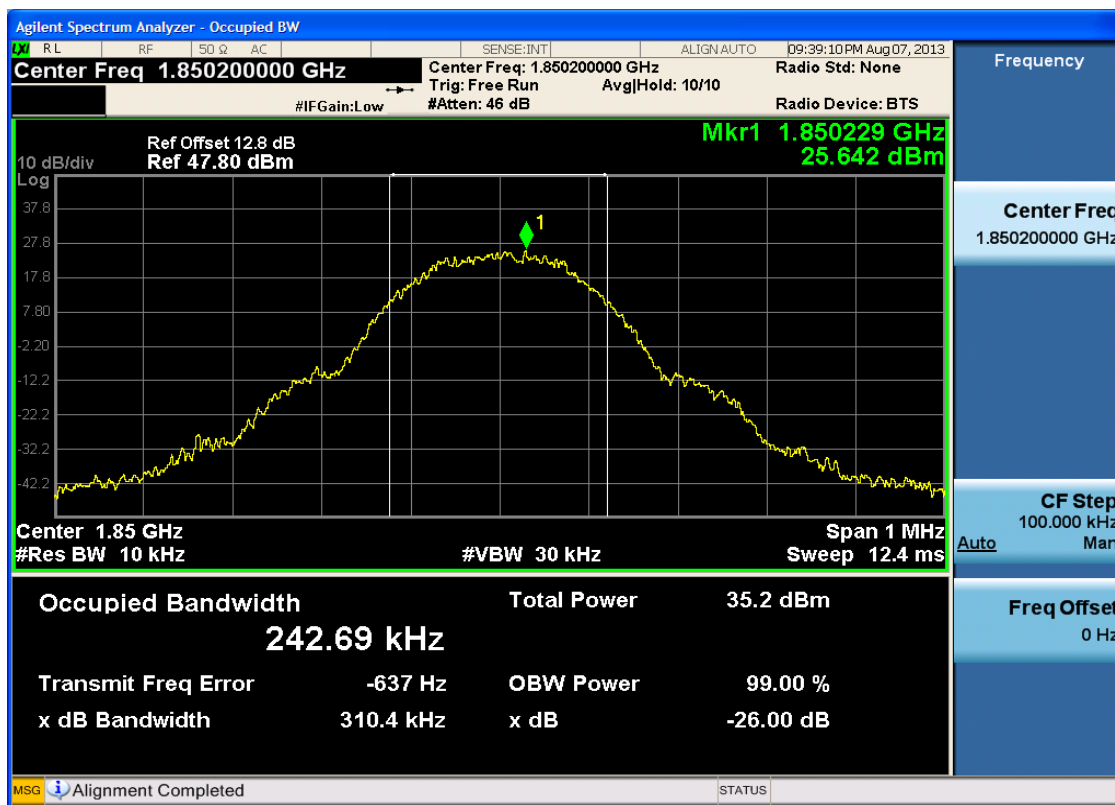
4.1.2.1.3 Test Channel = HCH



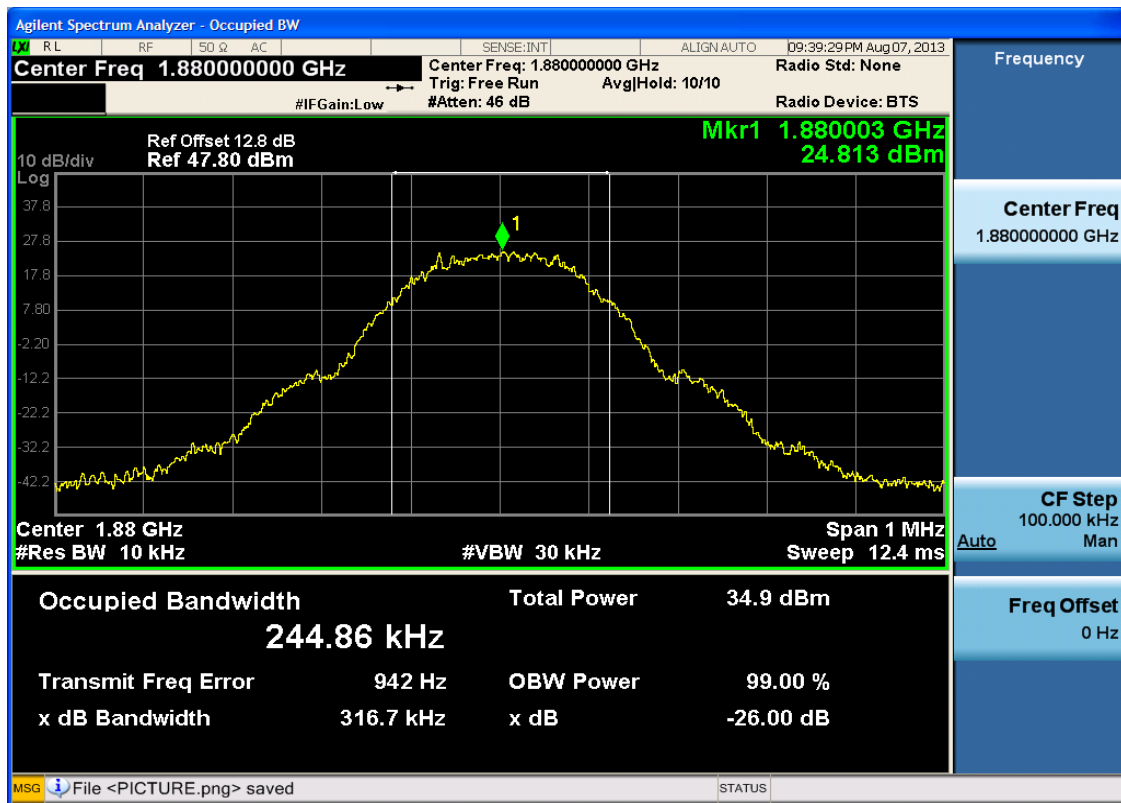
4.1.3 Test Band = GSM1900

4.1.3.1 Test Mode = GSM/TM1

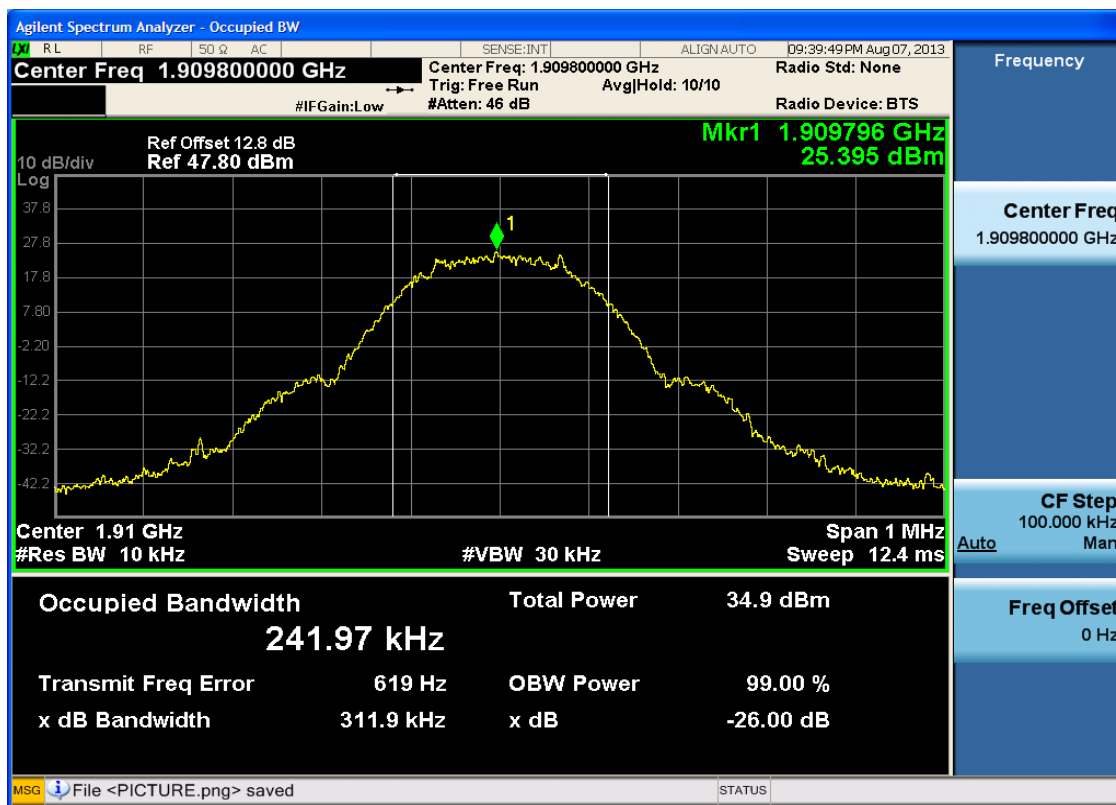
4.1.3.1.1 Test Channel = LCH



4.1.3.1.2 Test Channel = MCH

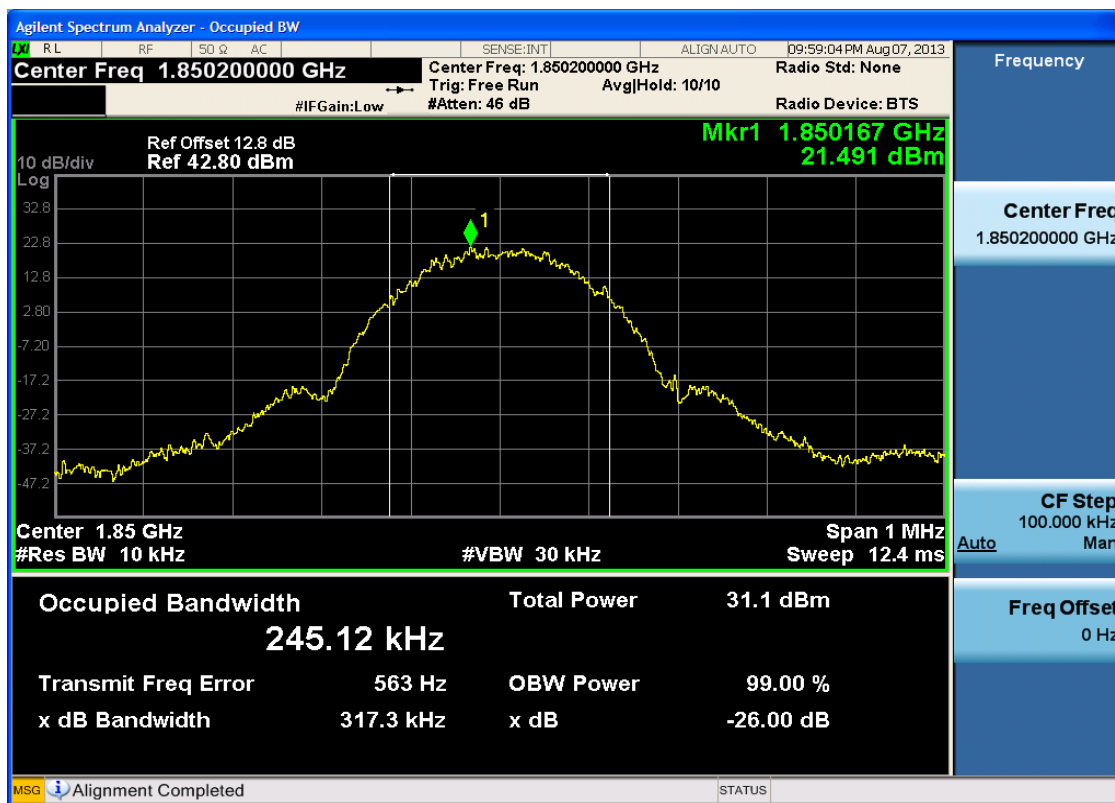


4.1.3.1.3 Test Channel = HCH

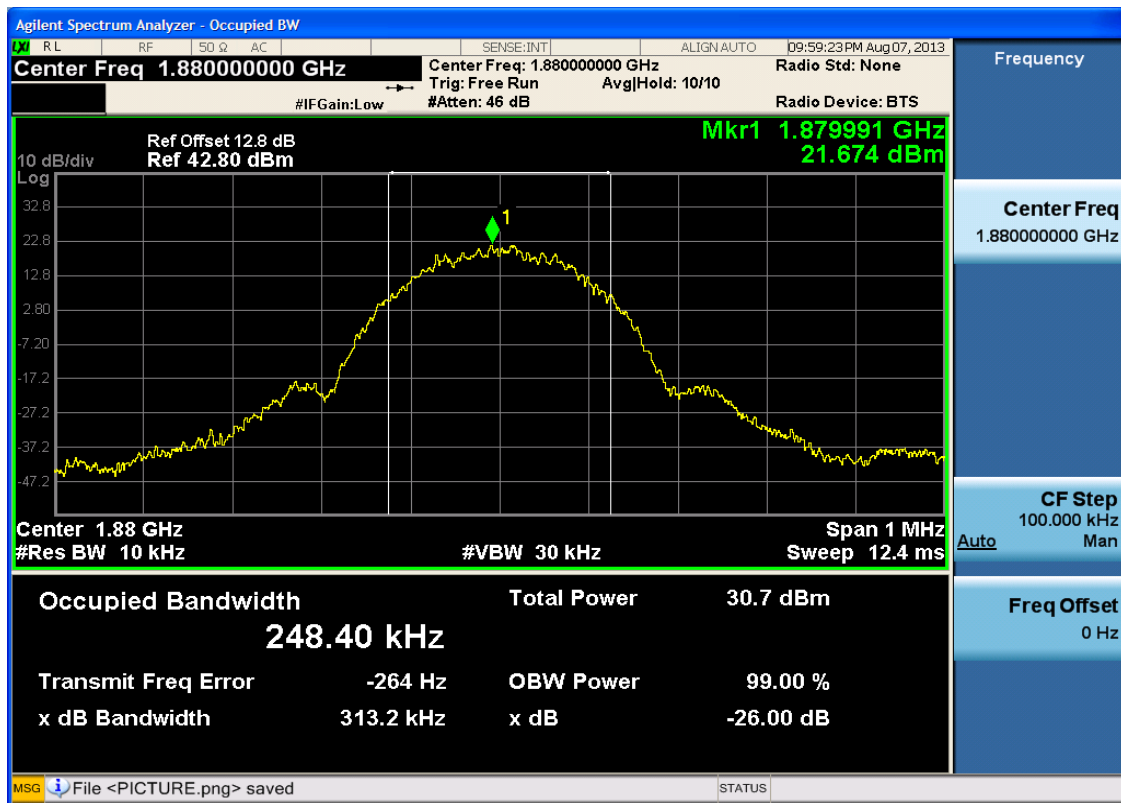


4.1.3.2 Test Mode = GSM/TM2

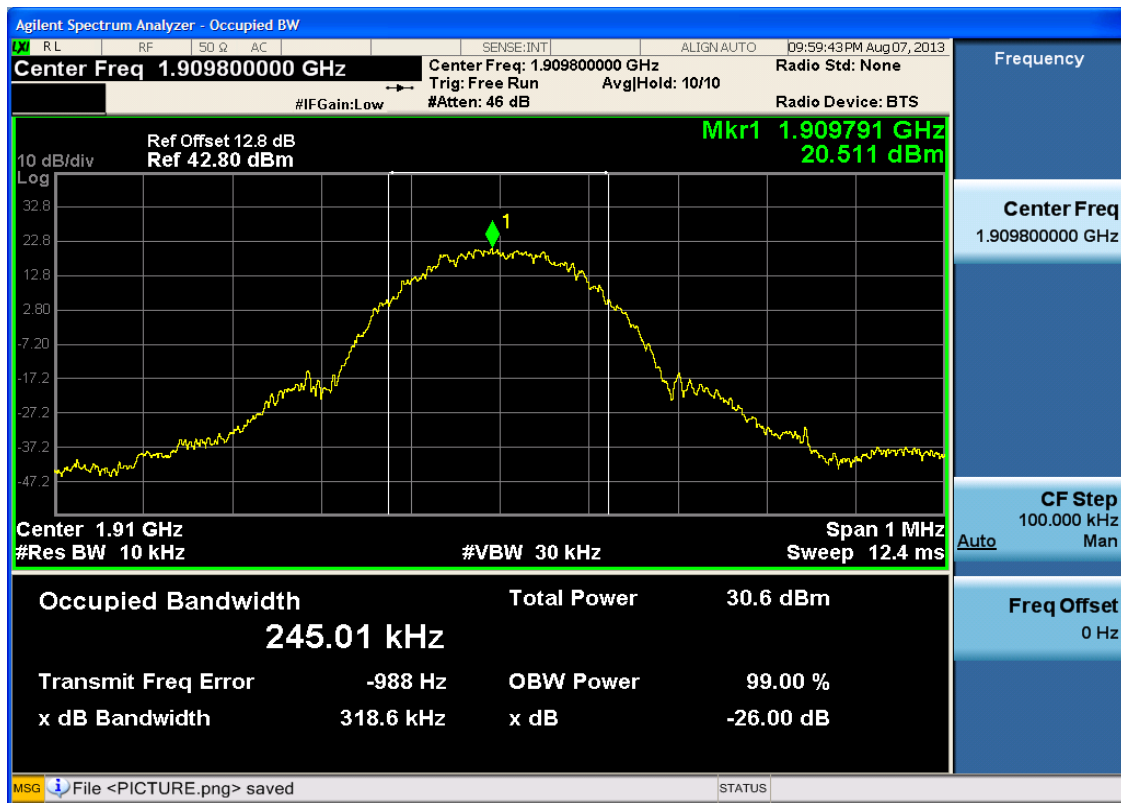
4.1.3.2.1 Test Channel = LCH



4.1.3.2.2 Test Channel = MCH



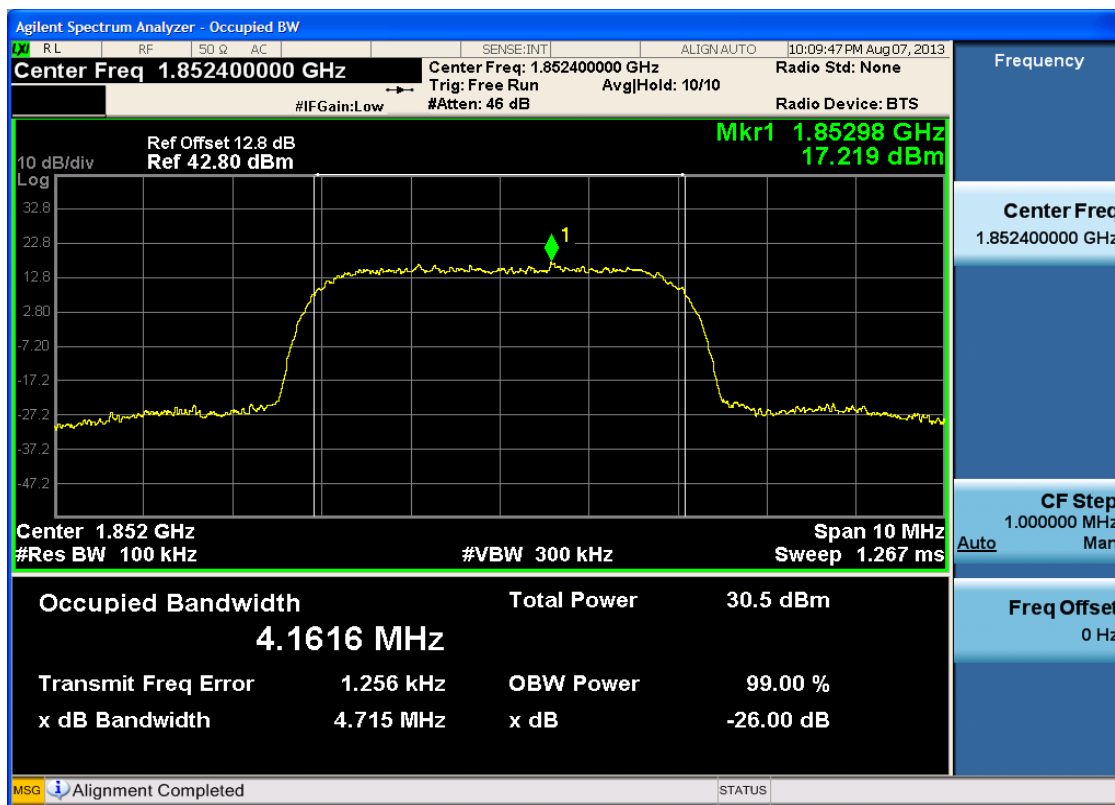
4.1.3.2.3 Test Channel = HCH



4.1.4 Test Band = WCDMA1900

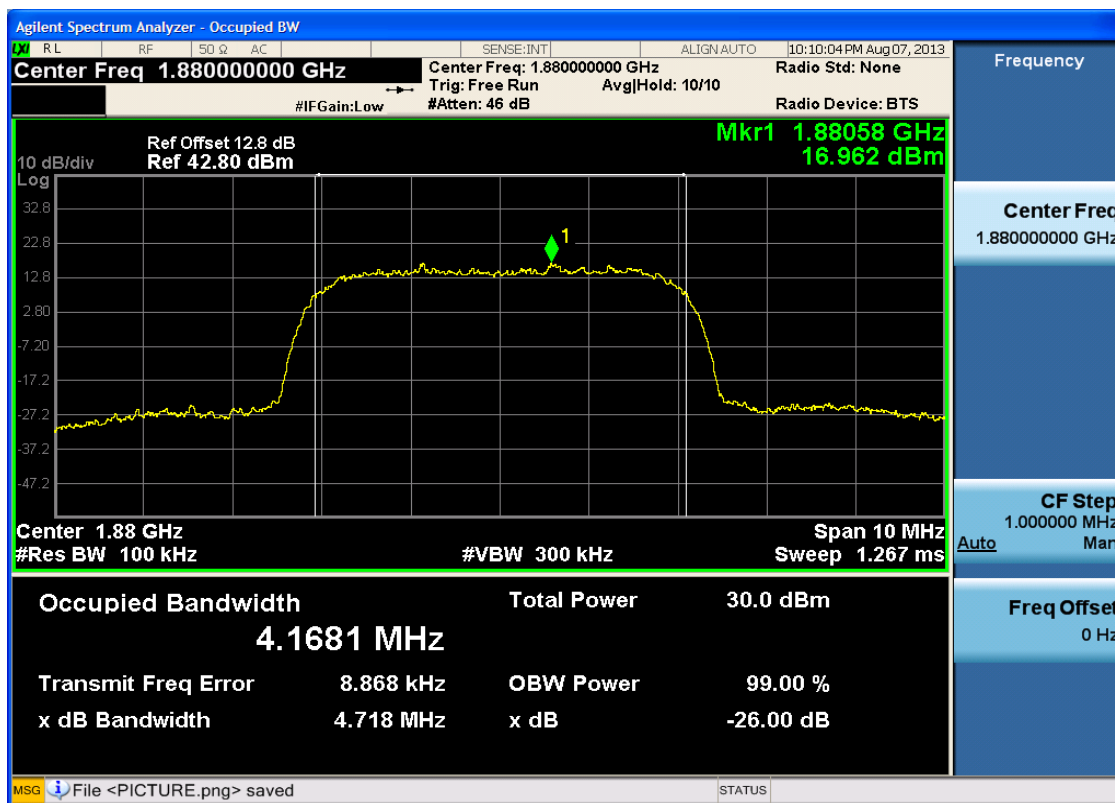
4.1.4.1 Test Mode = UMTS/TM1

4.1.4.1.1 Test Channel = LCH

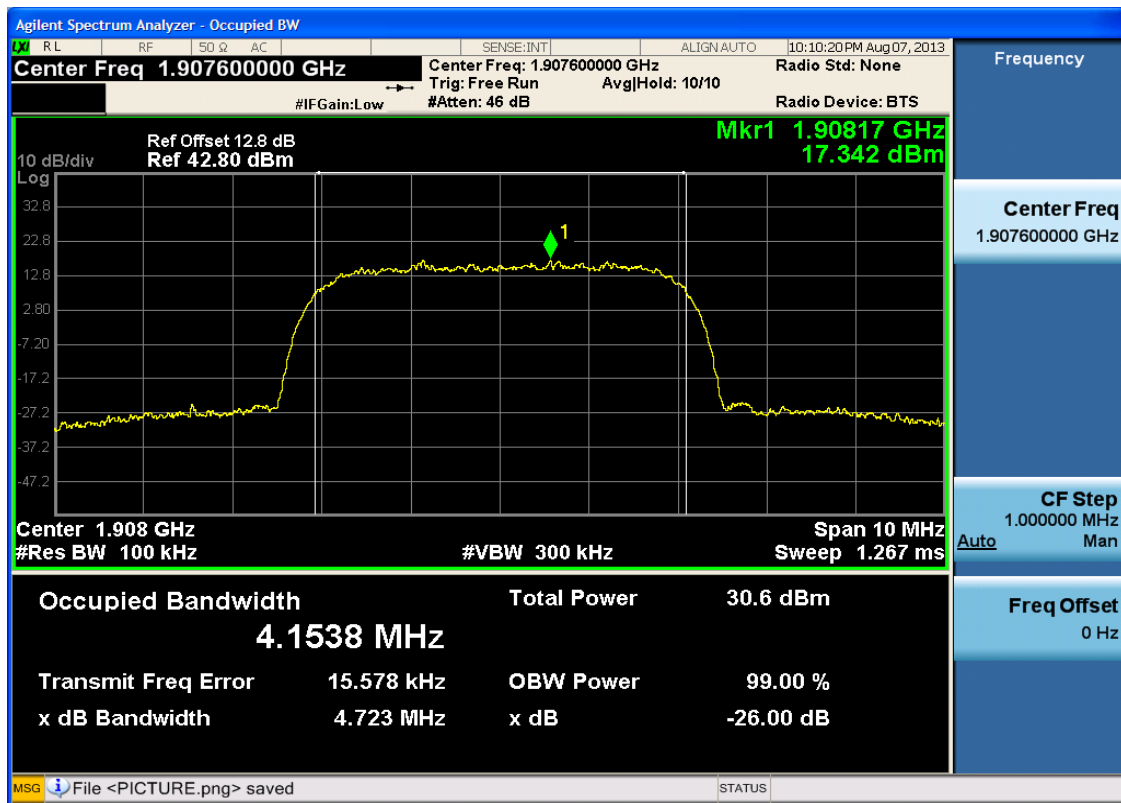




4.1.4.1.2 Test Channel = MCH



4.1.4.1.3 Test Channel = HCH



5Appendix_E: Band Edges Compliance

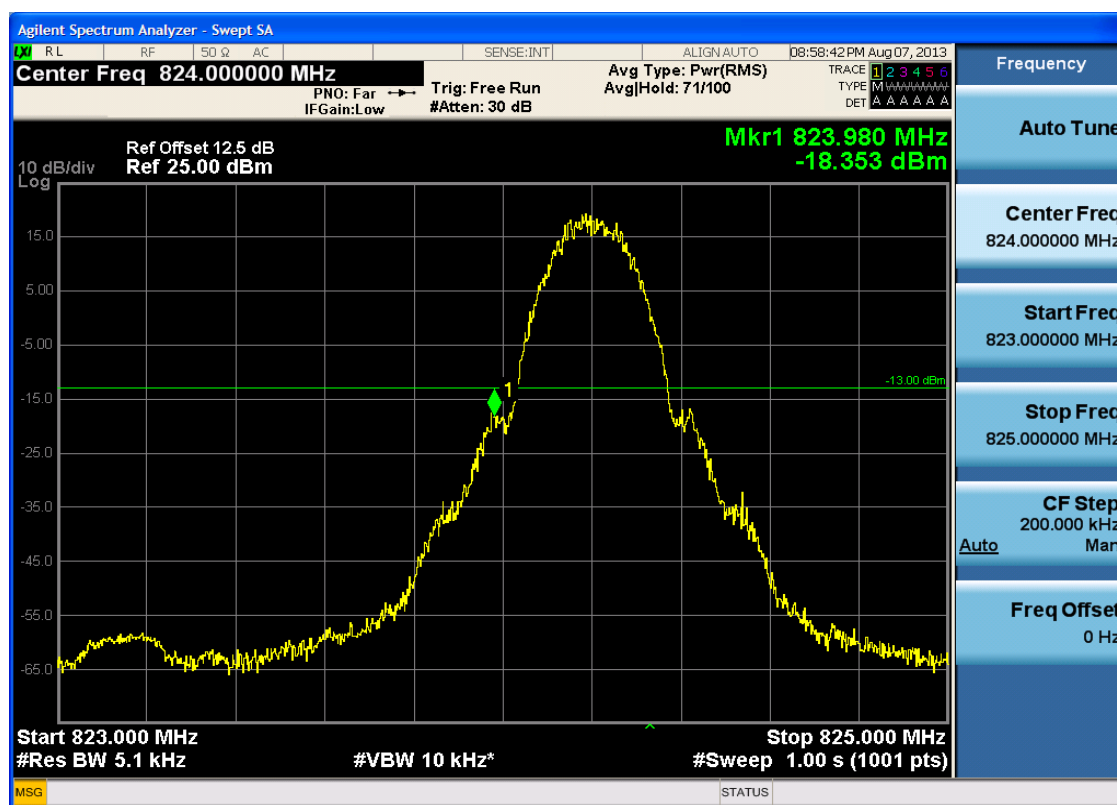
Part I - Test Plots

5.1 For GSM

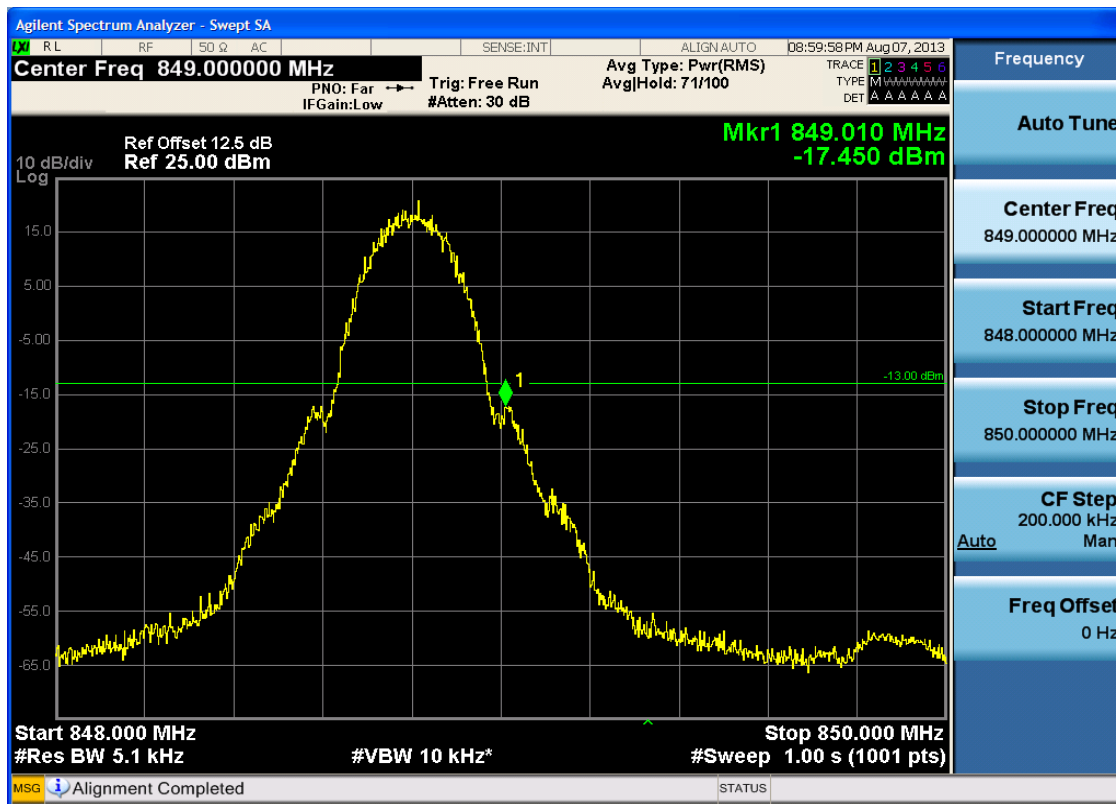
5.1.1 Test Band = GSM850

5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH

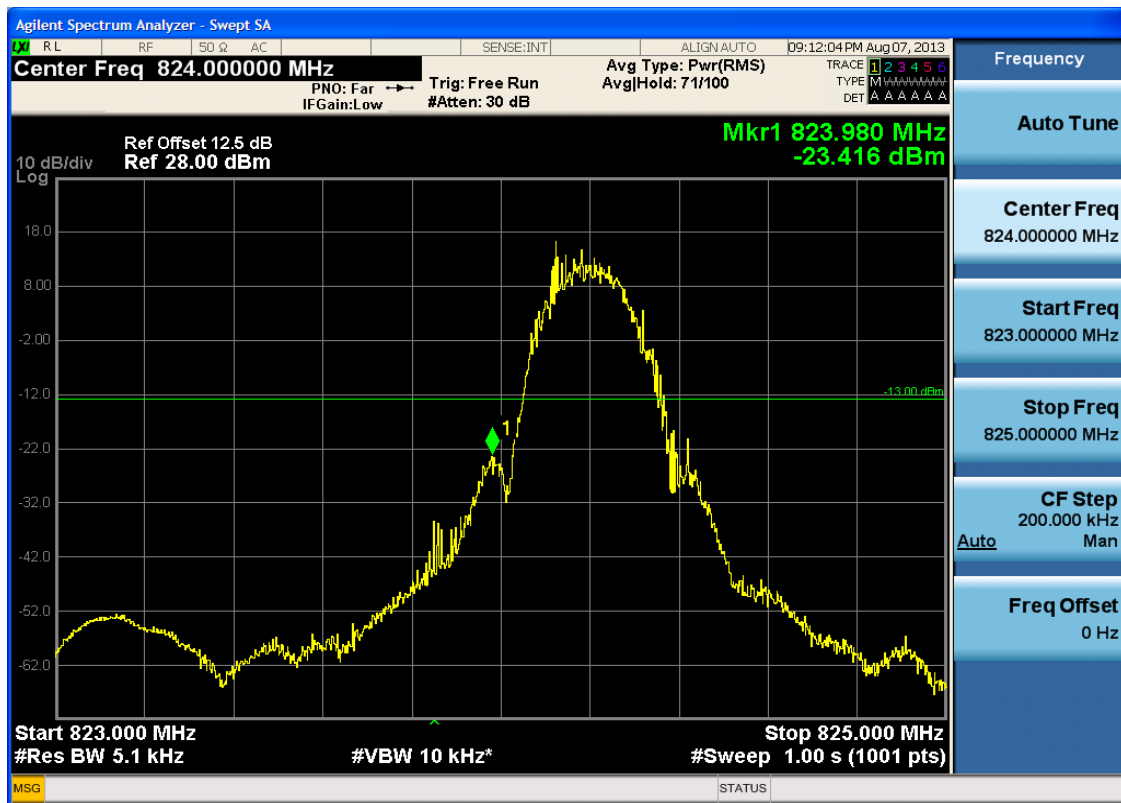


5.1.1.1.2 Test Channel = HCH

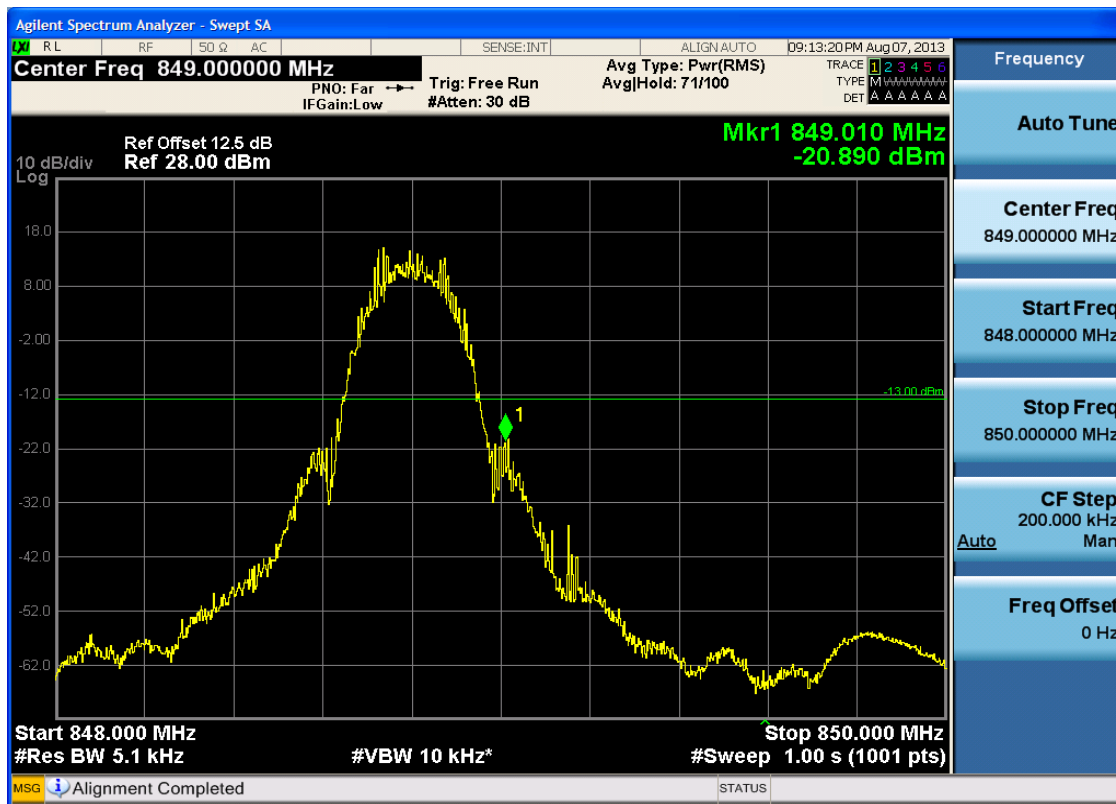


5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH



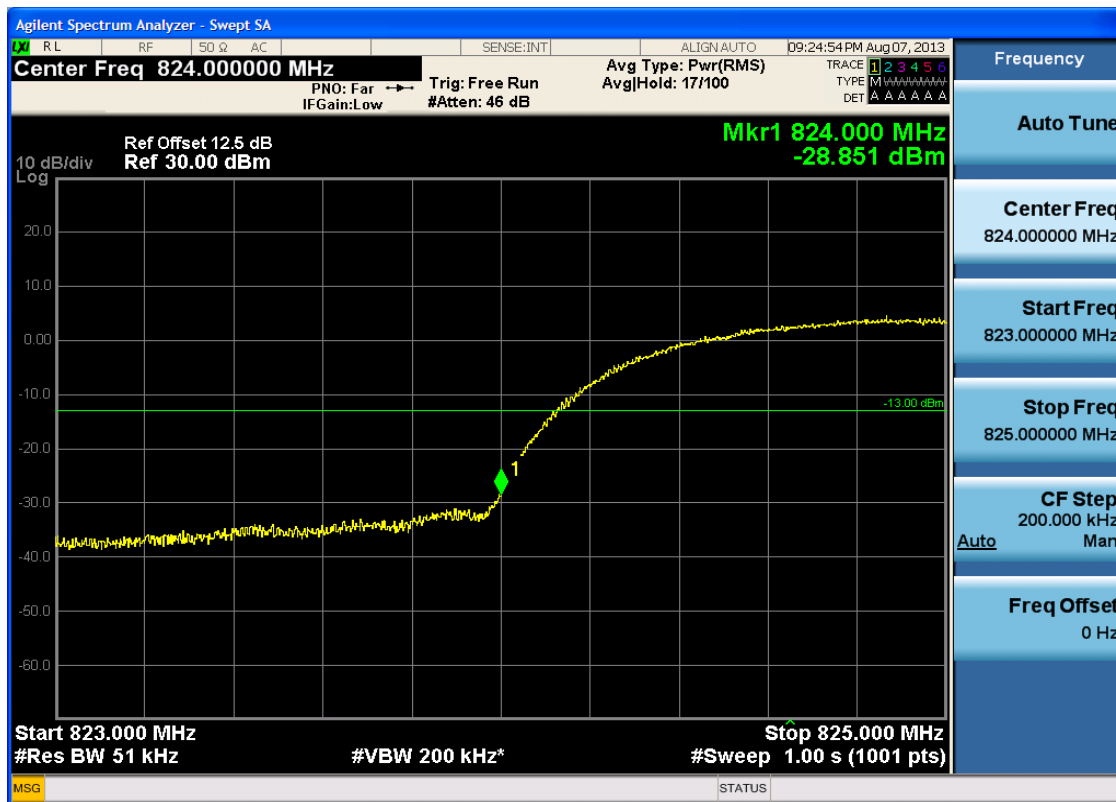
5.1.1.2.2 Test Channel = HCH



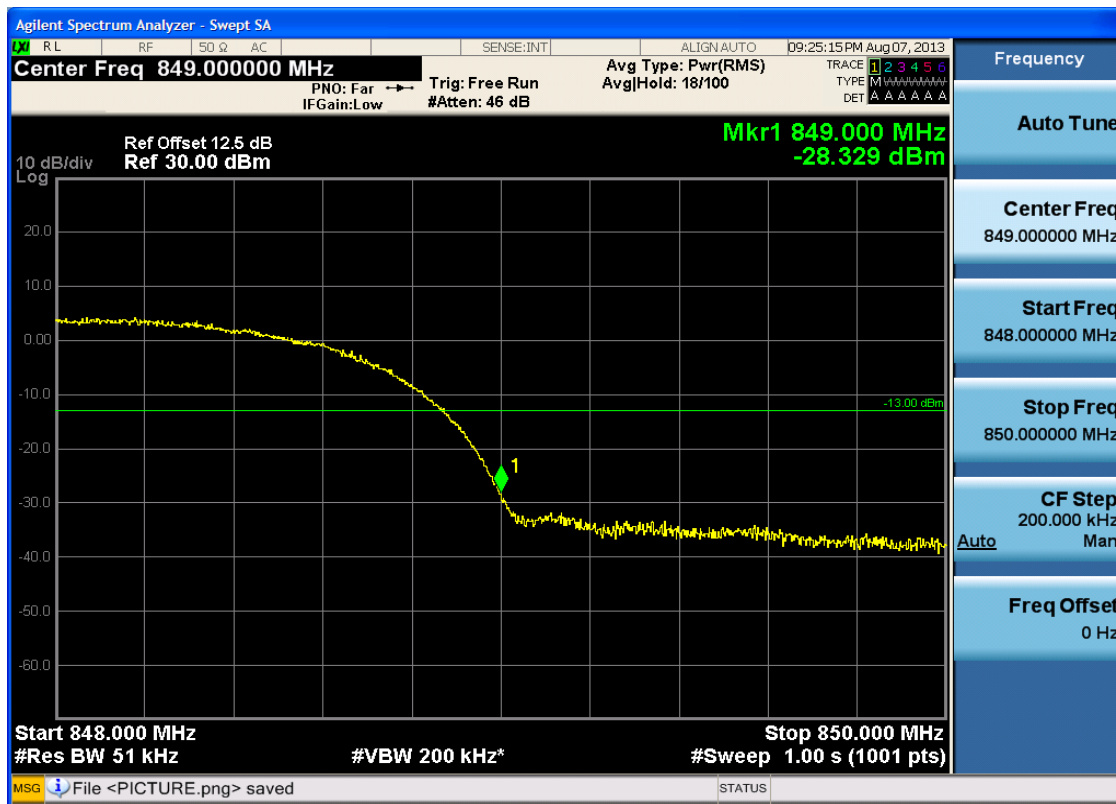
5.1.2 Test Band = WCDMA850

5.1.2.1 Test Mode = UMTS/TM1

5.1.2.1.1 Test Channel = LCH



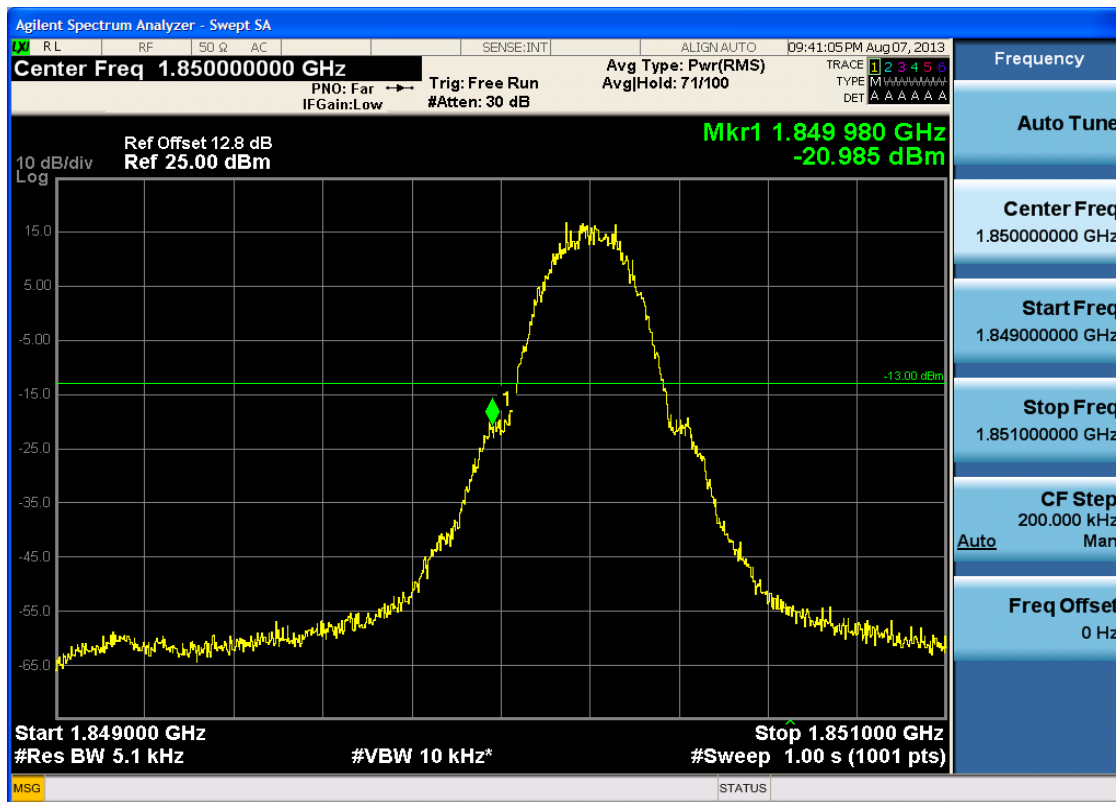
5.1.2.1.2 Test Channel = HCH



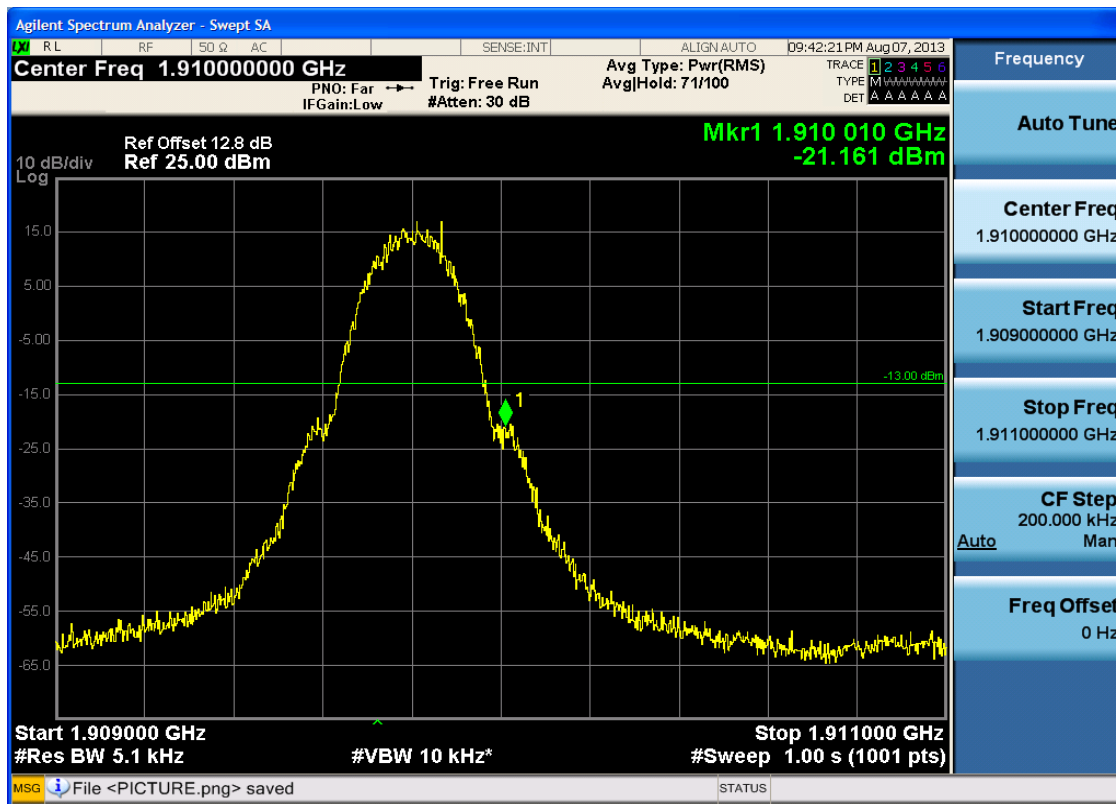
5.1.3 Test Band = GSM1900

5.1.3.1 Test Mode = GSM/TM1

5.1.3.1.1 Test Channel = LCH

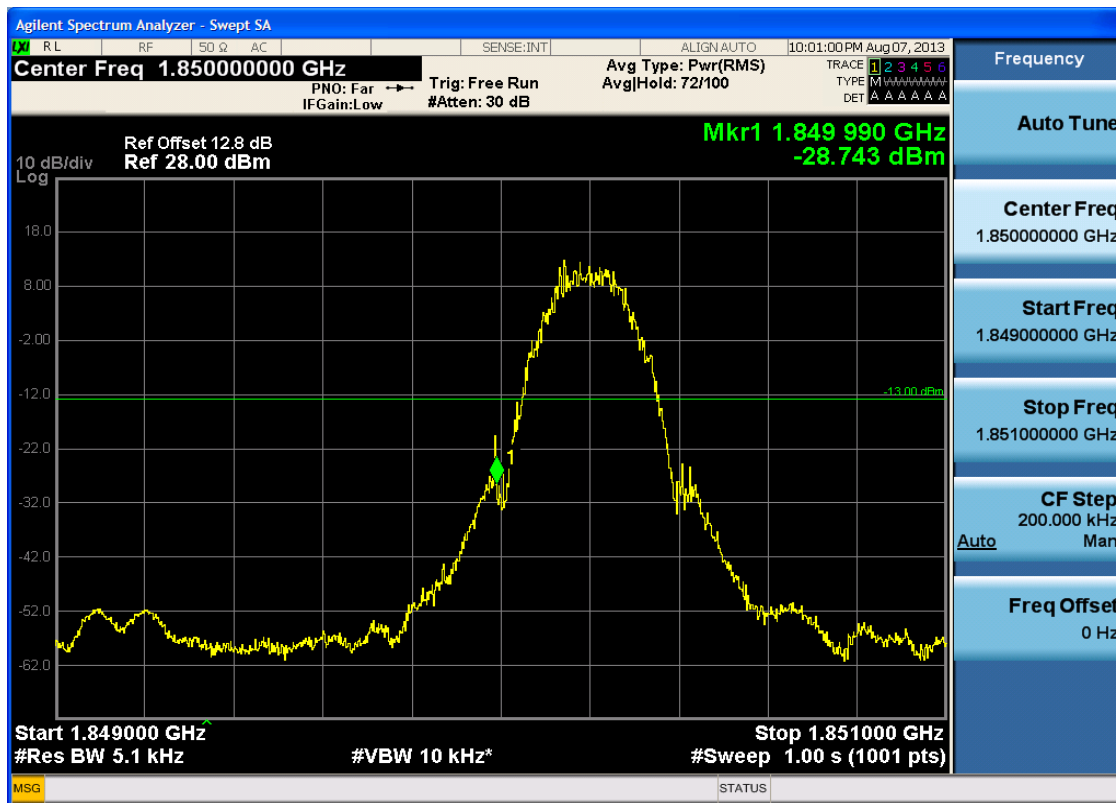


5.1.3.1.2 Test Channel = HCH

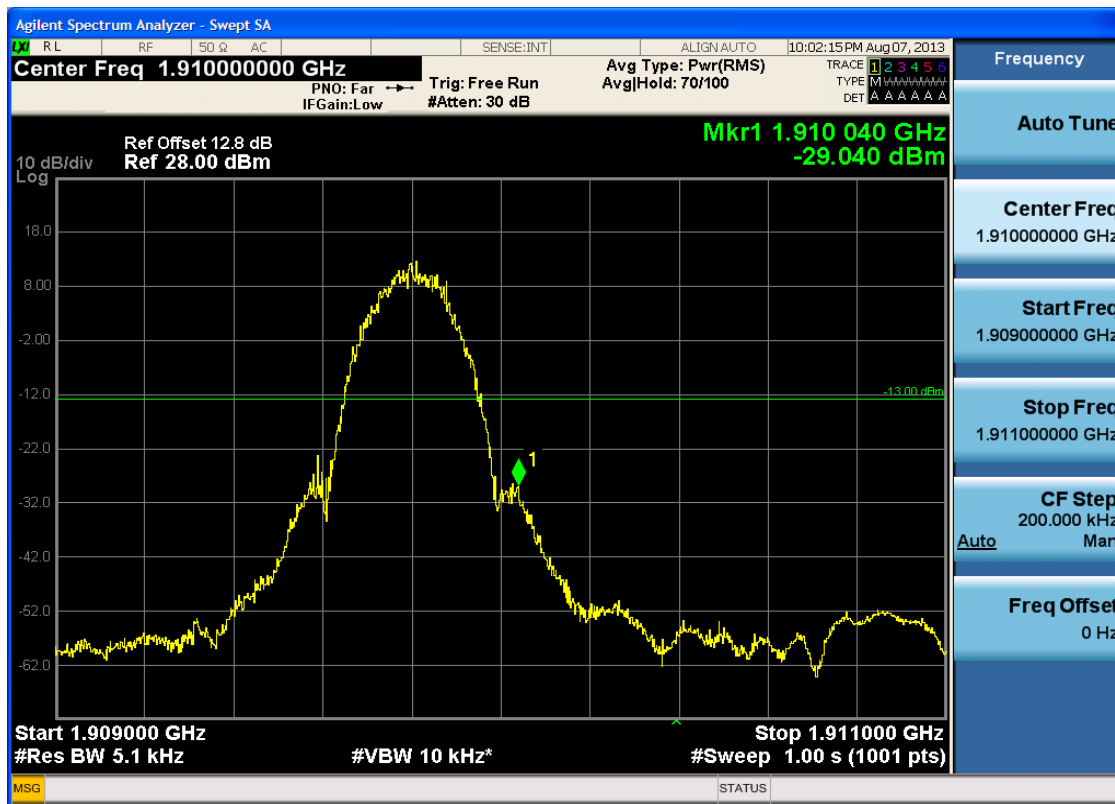


5.1.3.2 Test Mode = GSM/TM2

5.1.3.2.1 Test Channel = LCH



5.1.3.2.2 Test Channel = HCH



5.1.4 Test Band = WCDMA1900

5.1.4.1 Test Mode = UMTS/TM1

5.1.4.1.1 Test Channel = LCH



5.1.4.1.2 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.

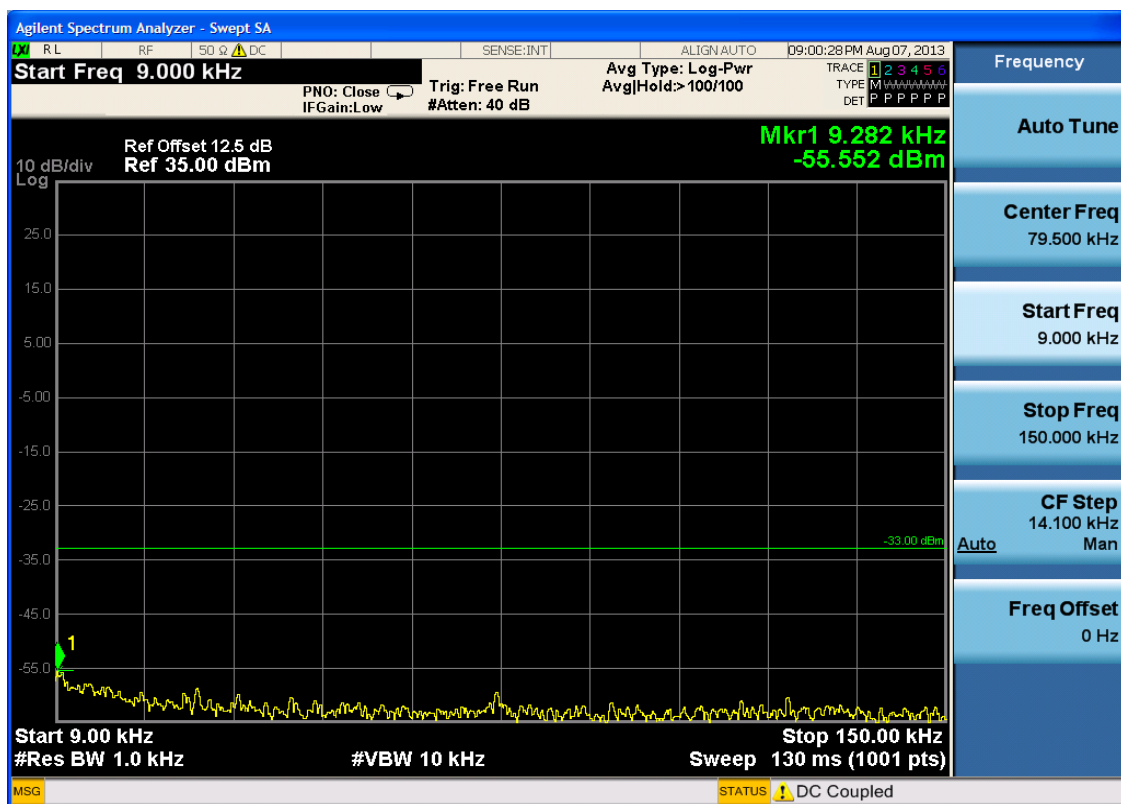
Part I - Test Plots

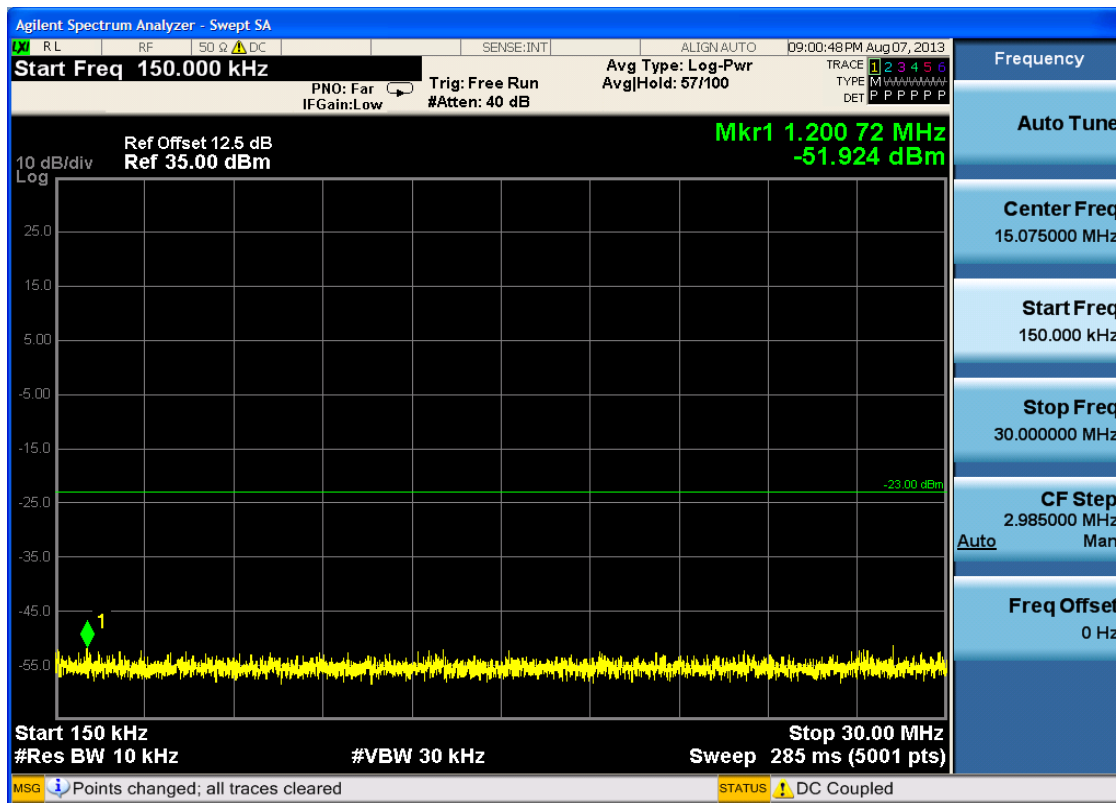
6.1 For GSM

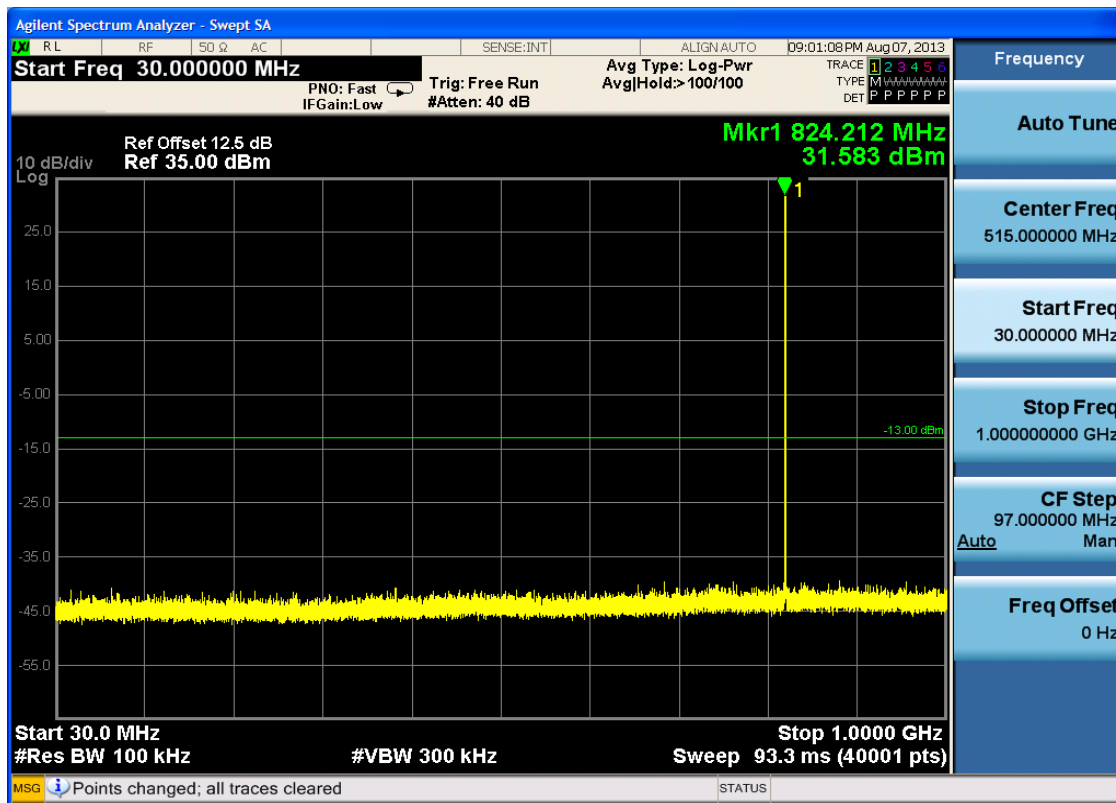
6.1.1 Test Band = GSM850

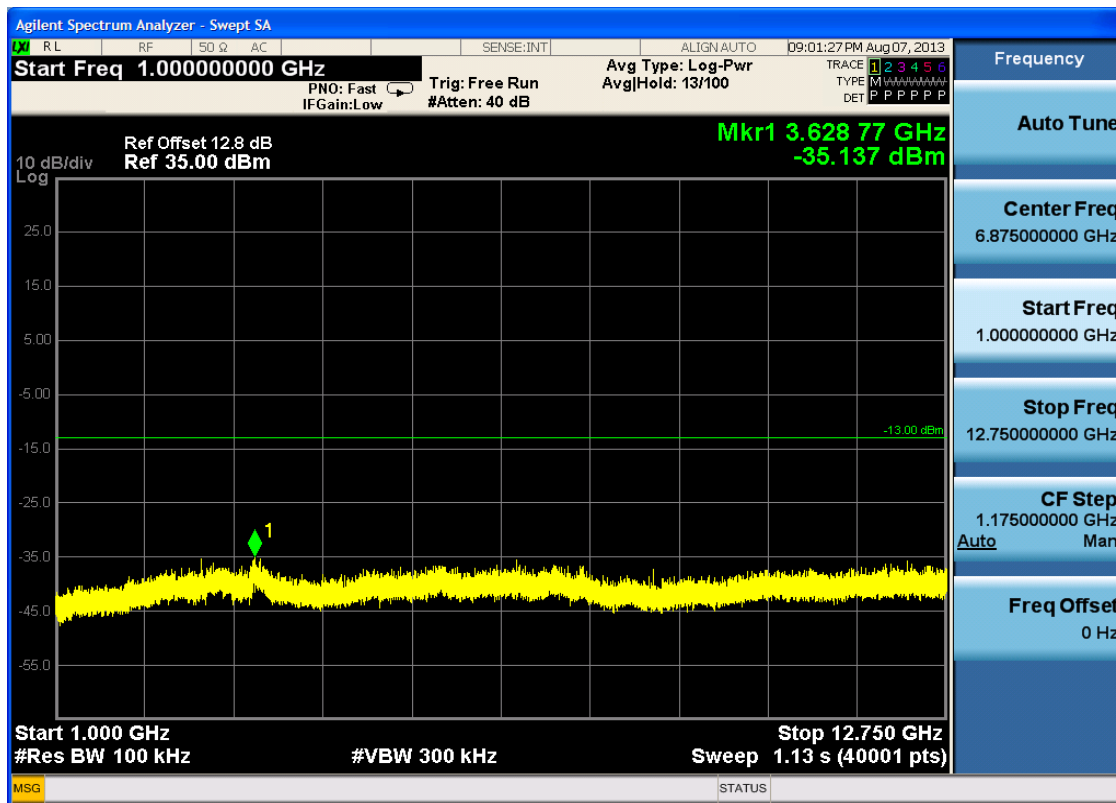
6.1.1.1 Test Mode = GSM/TM1

6.1.1.1.1 Test Channel = LCH



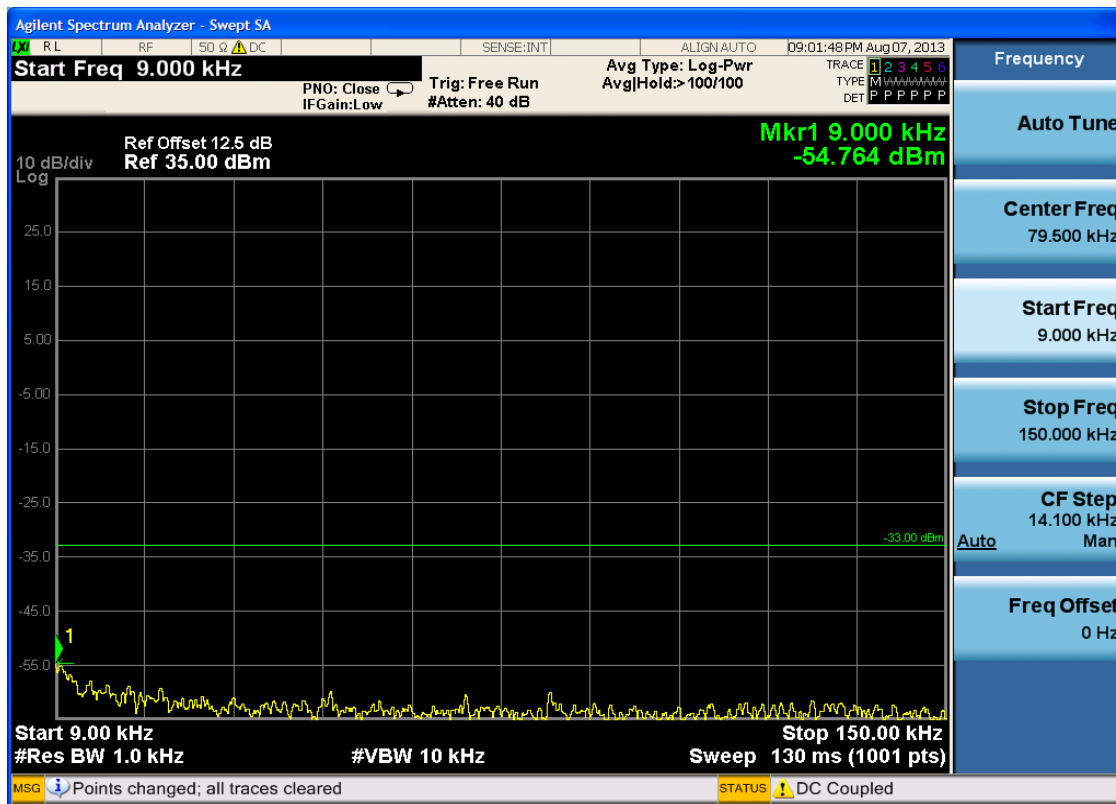


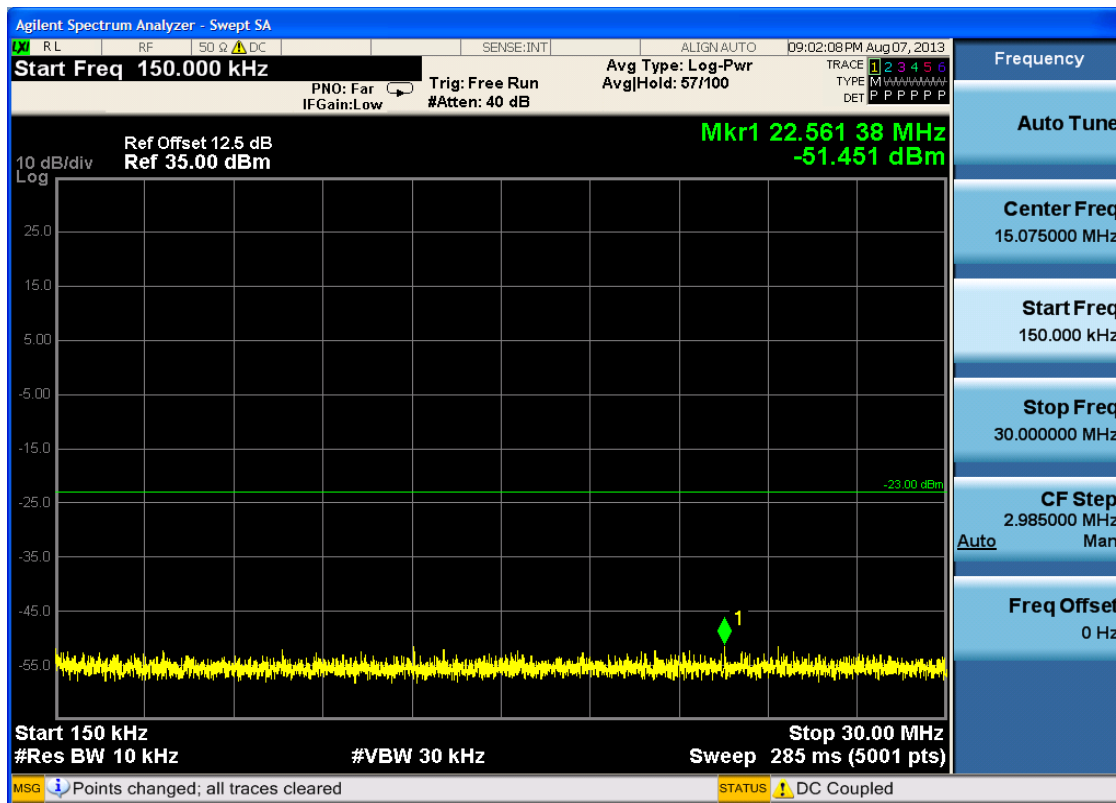


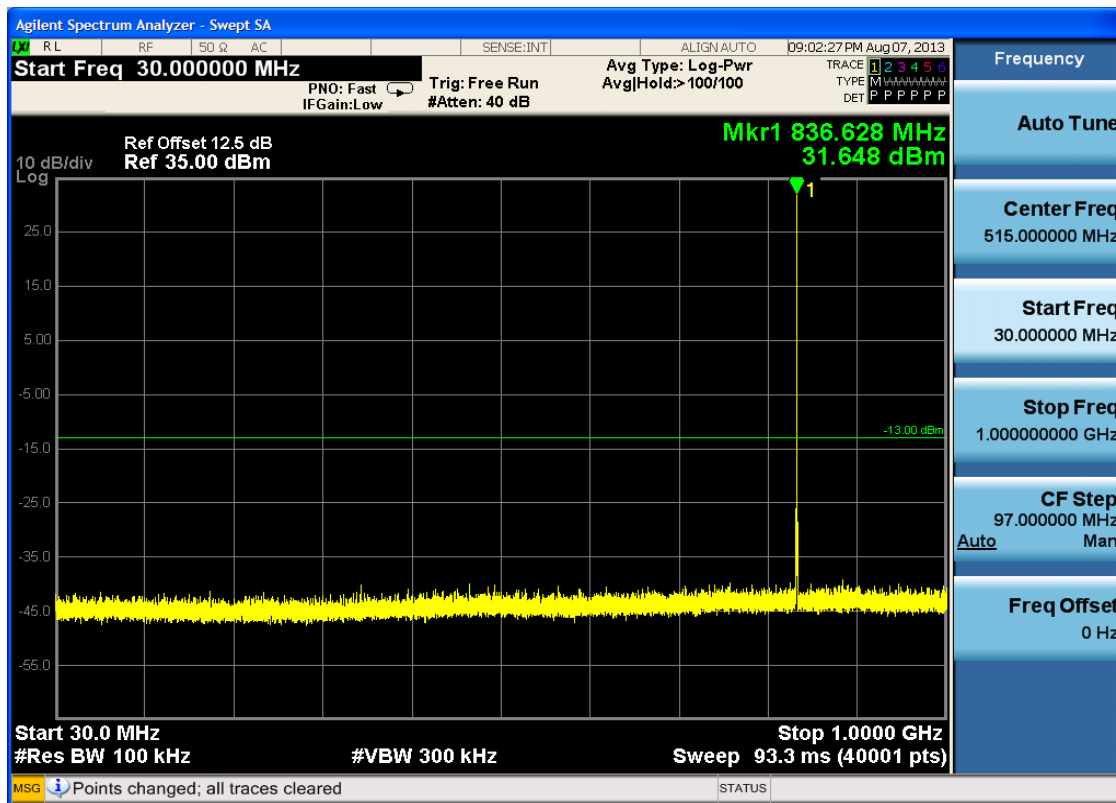


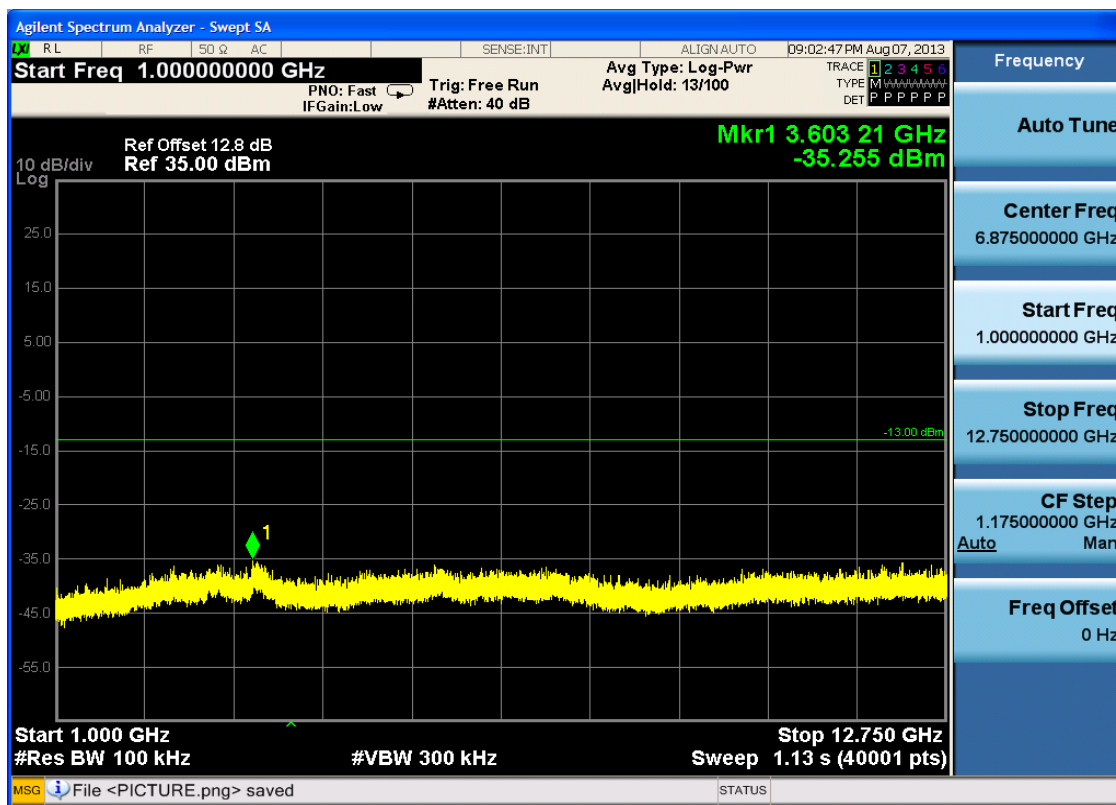


6.1.1.1.2 Test Channel = MCH

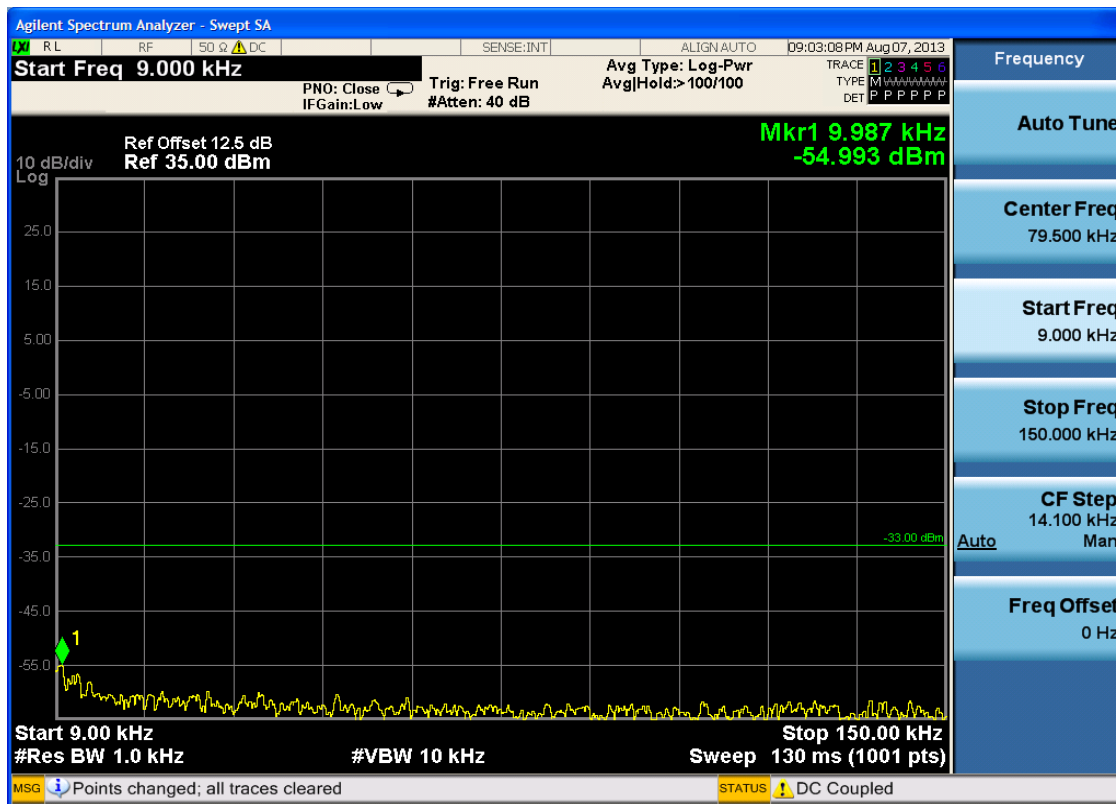


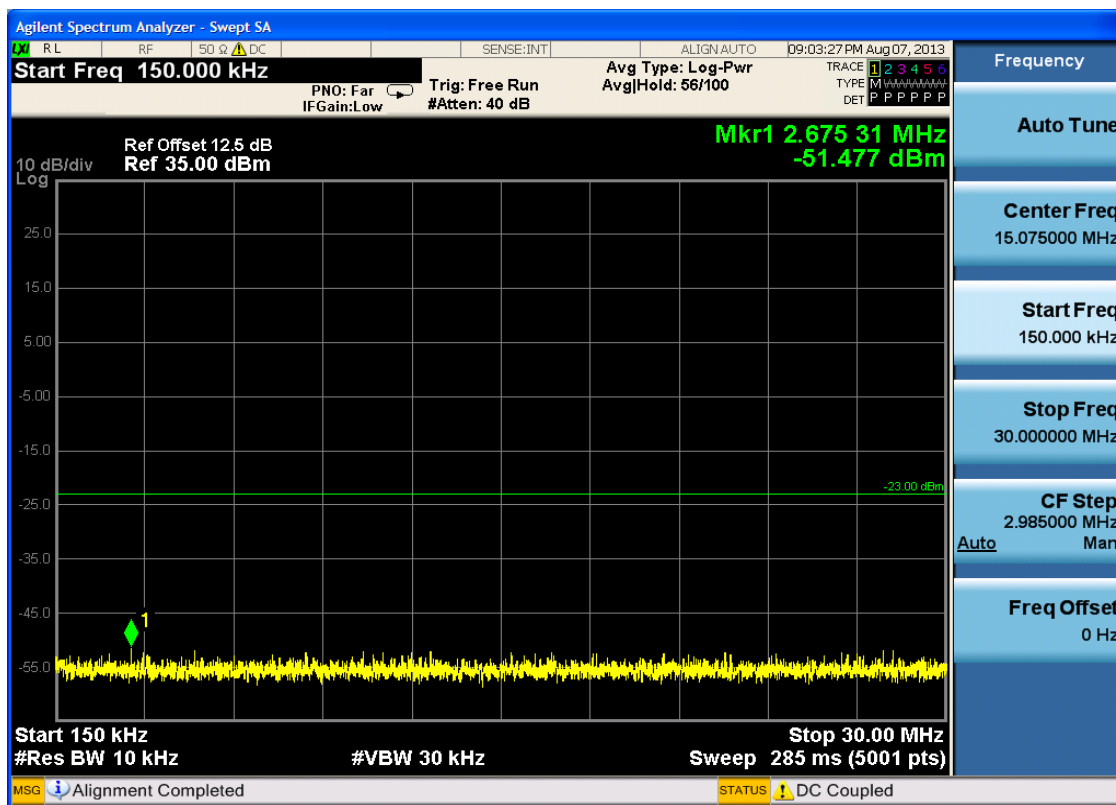


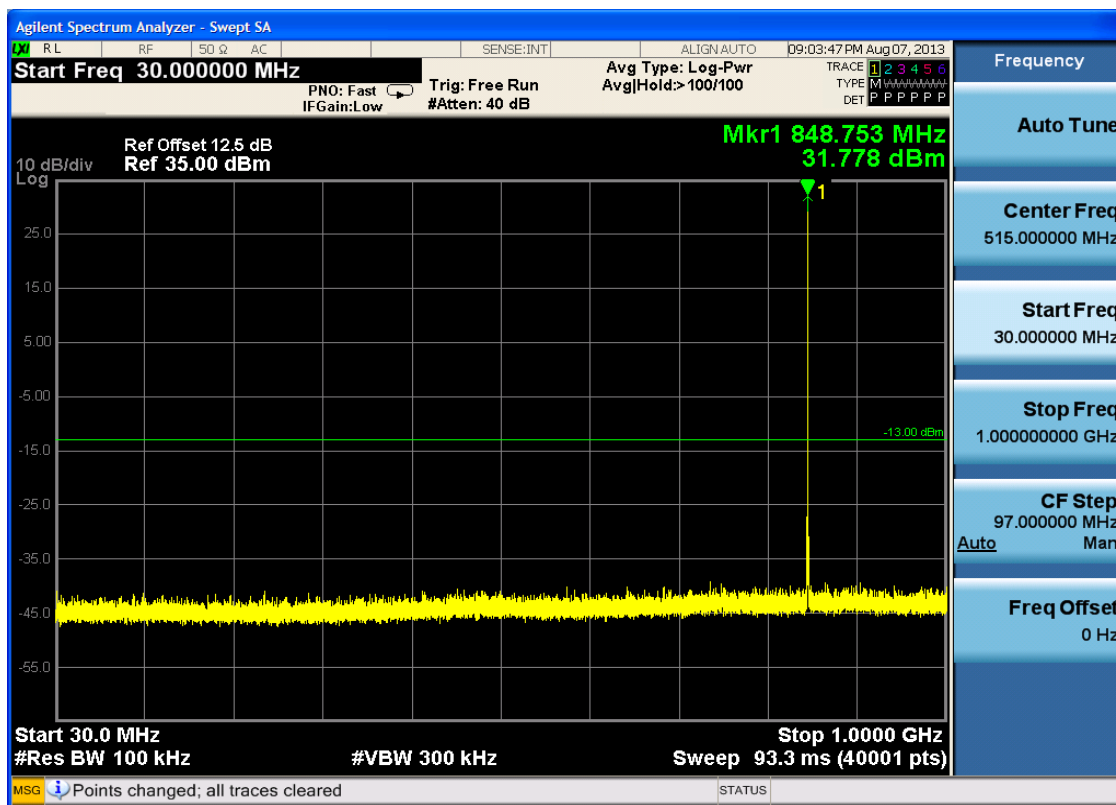


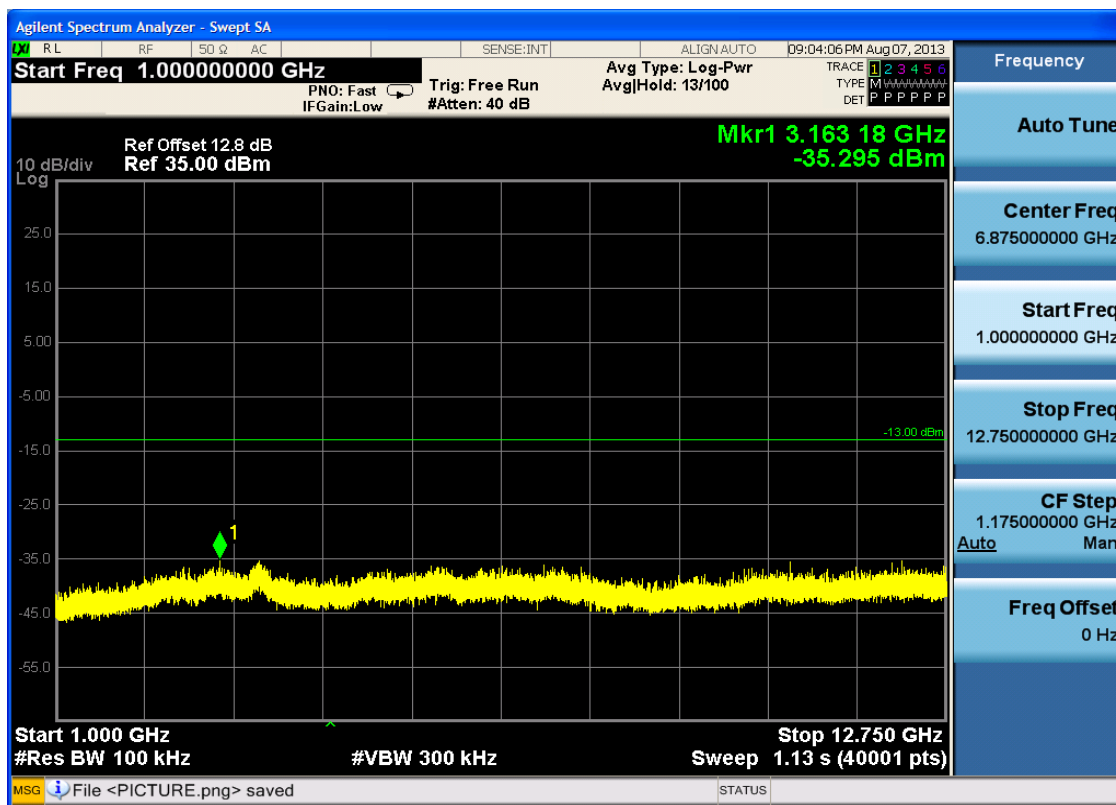


6.1.1.1.3 Test Channel = HCH



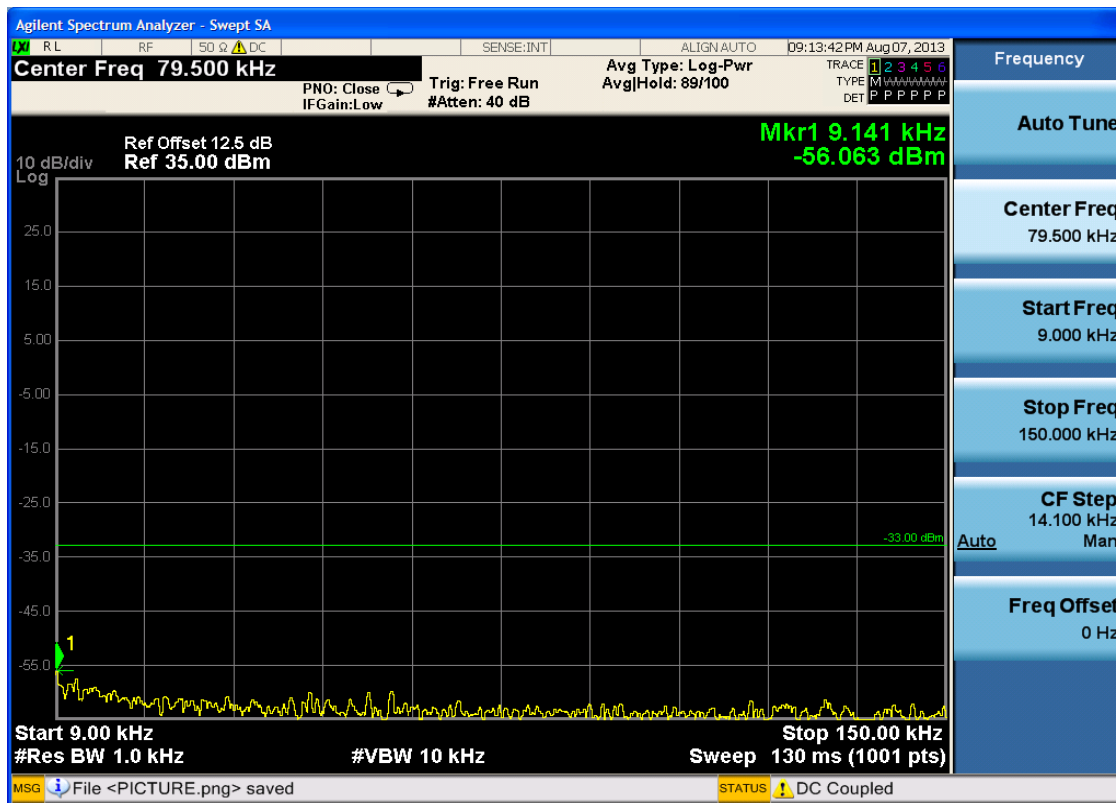


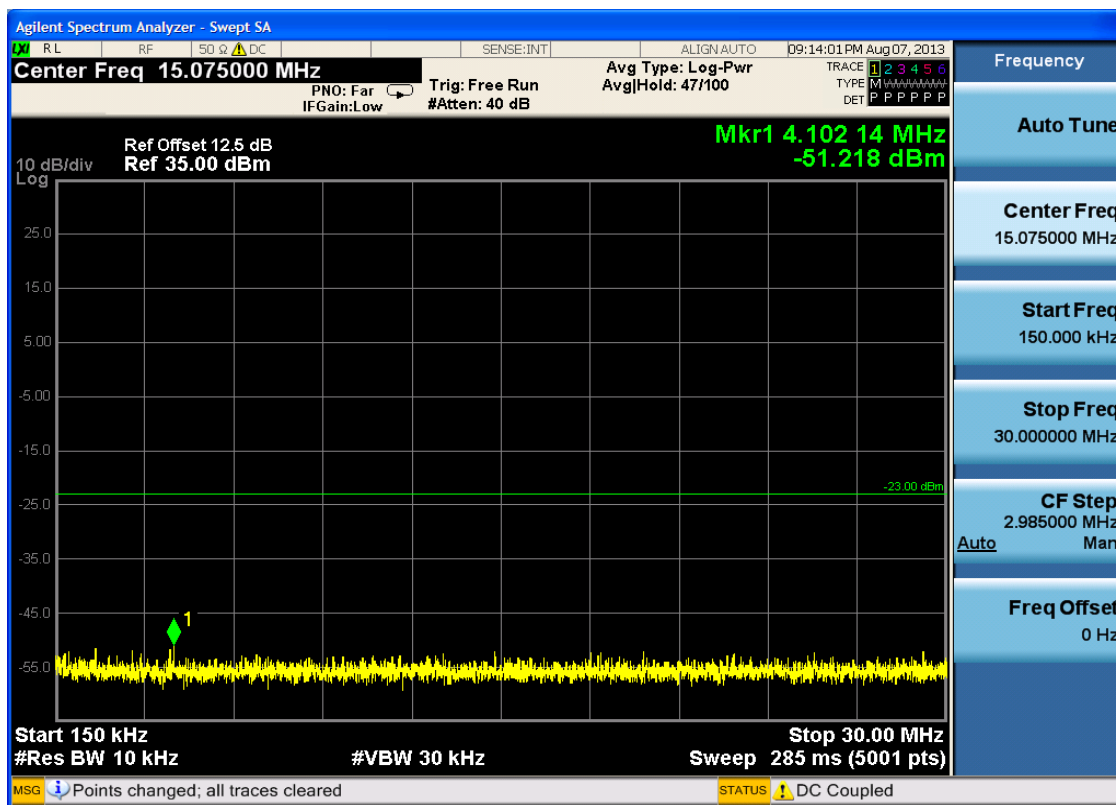


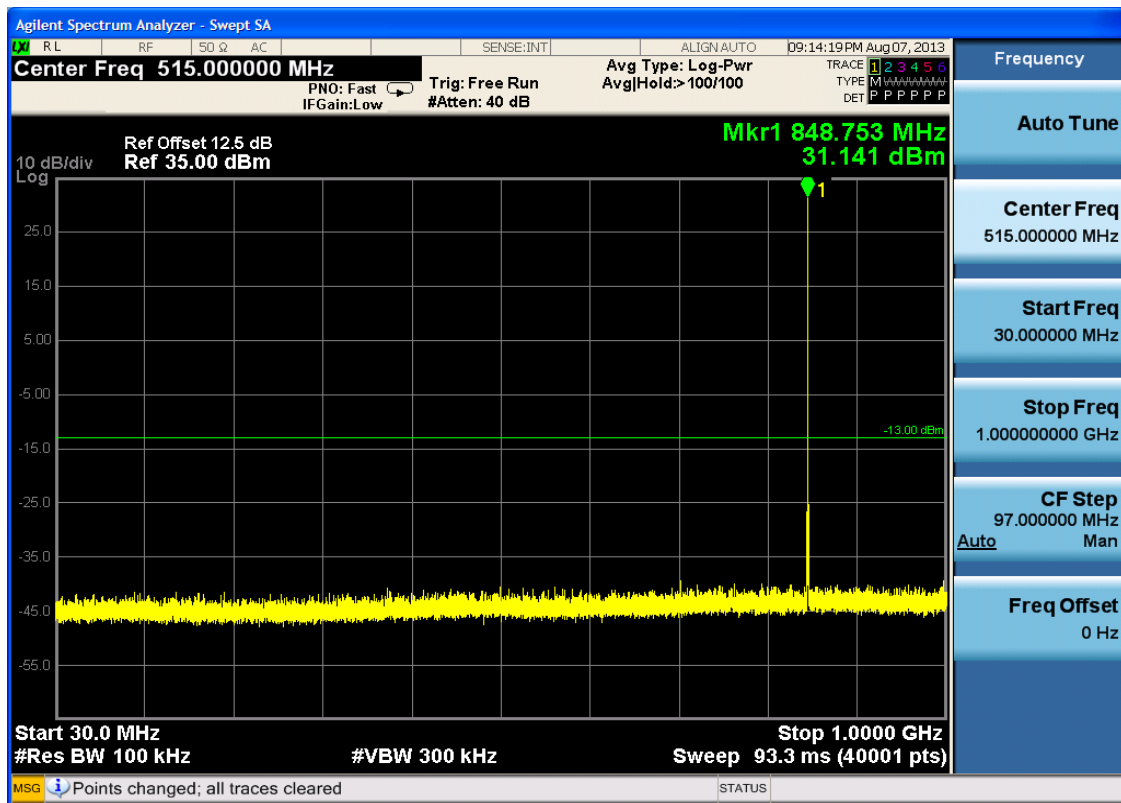


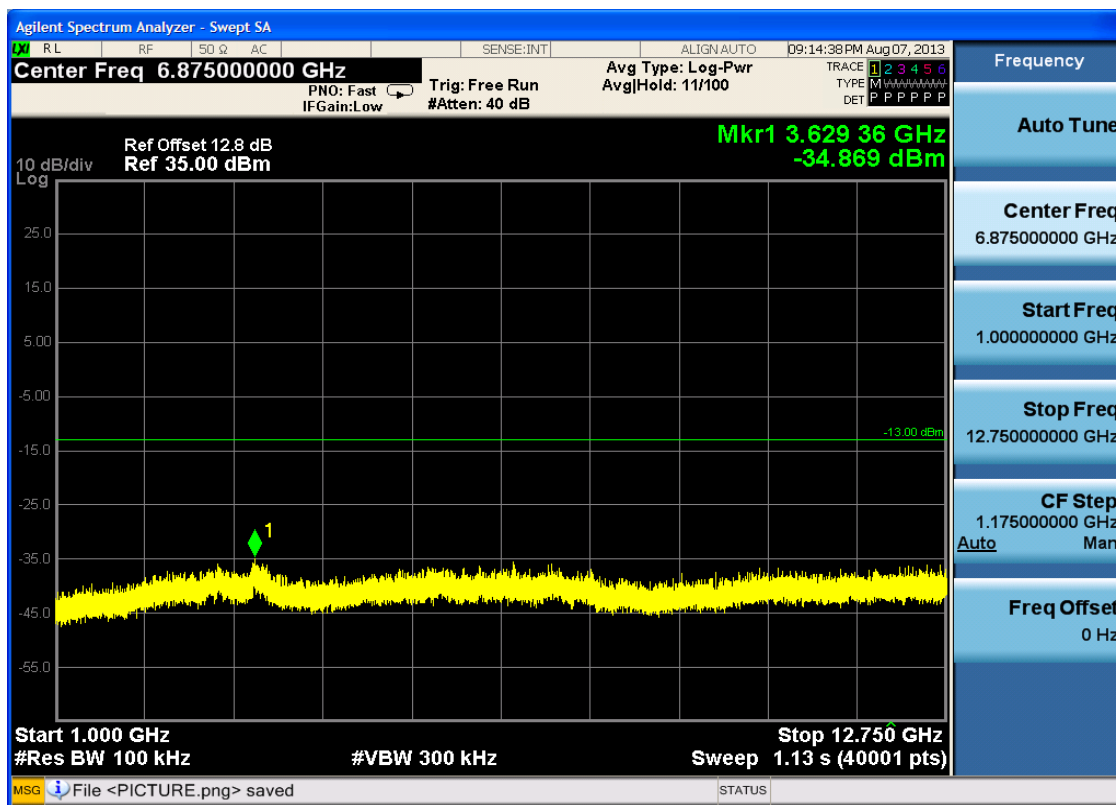
6.1.1.2 Test Mode = GSM/TM2

6.1.1.2.1 Test Channel = LCH

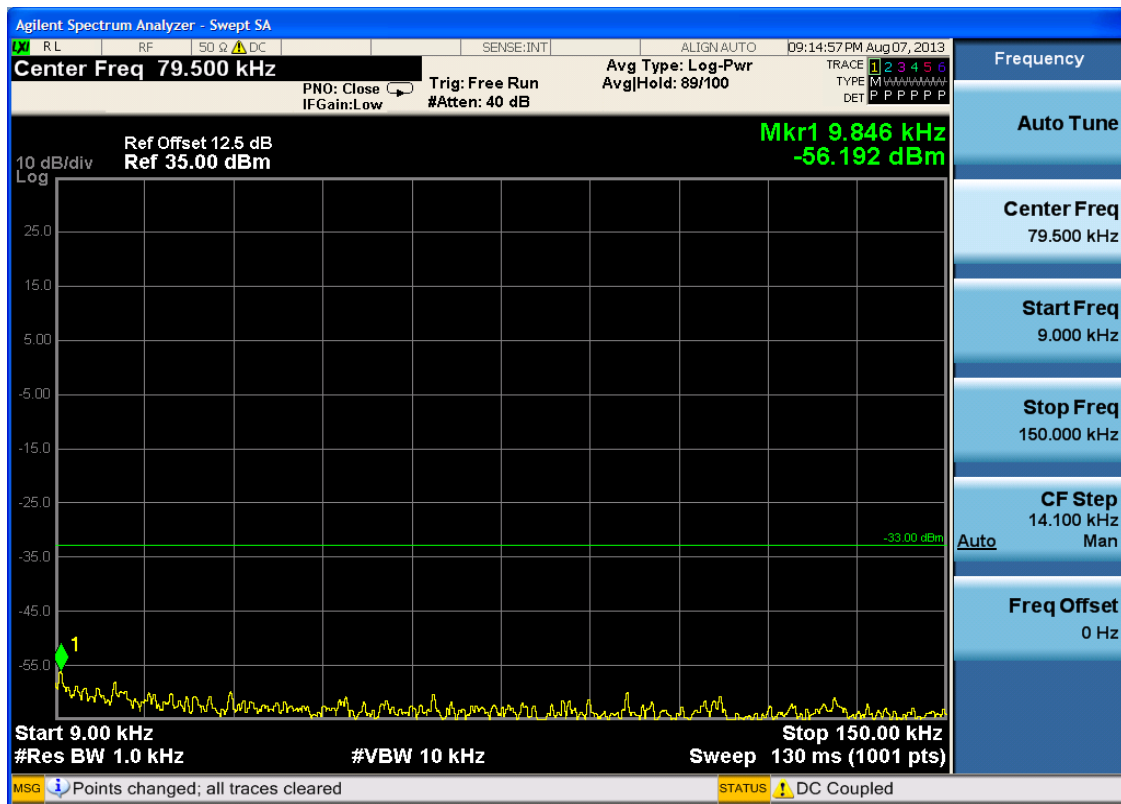


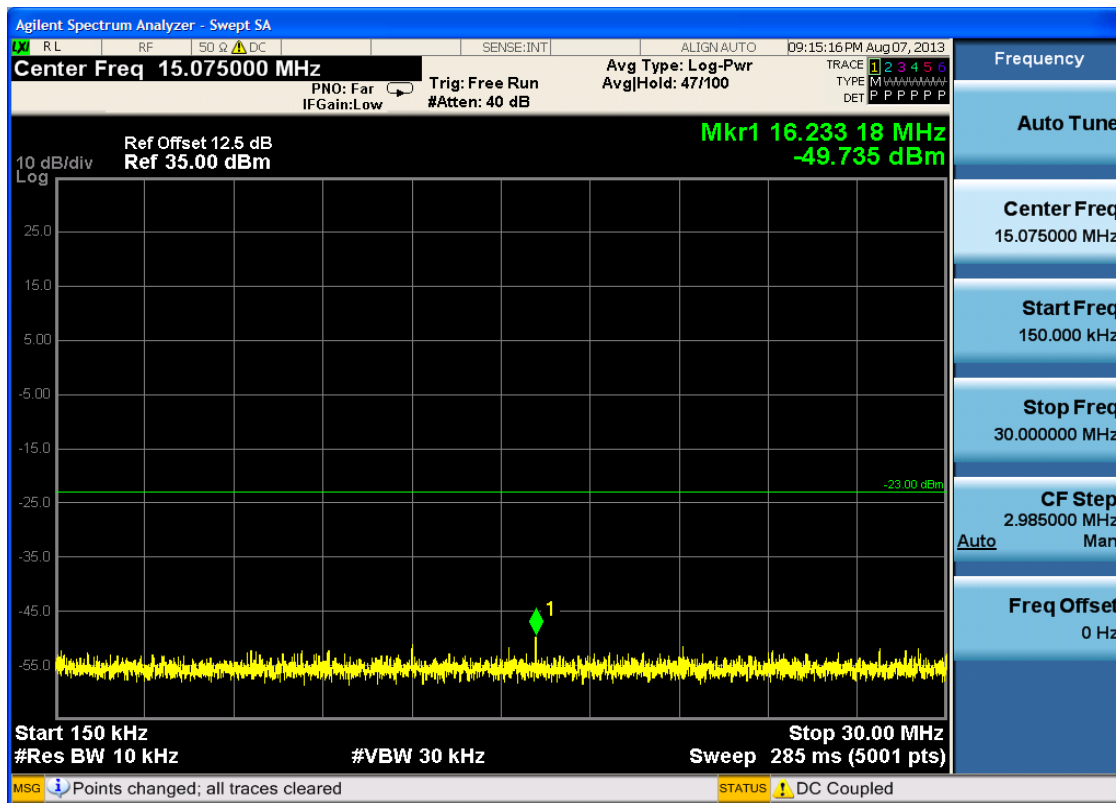


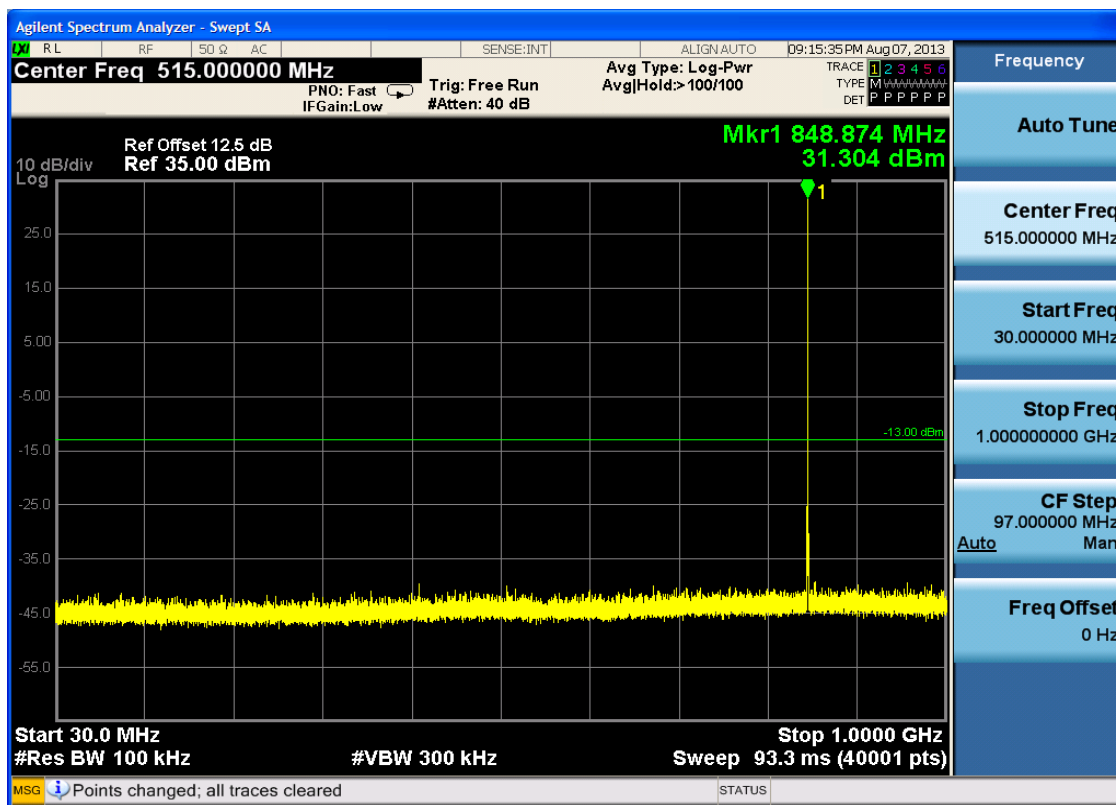


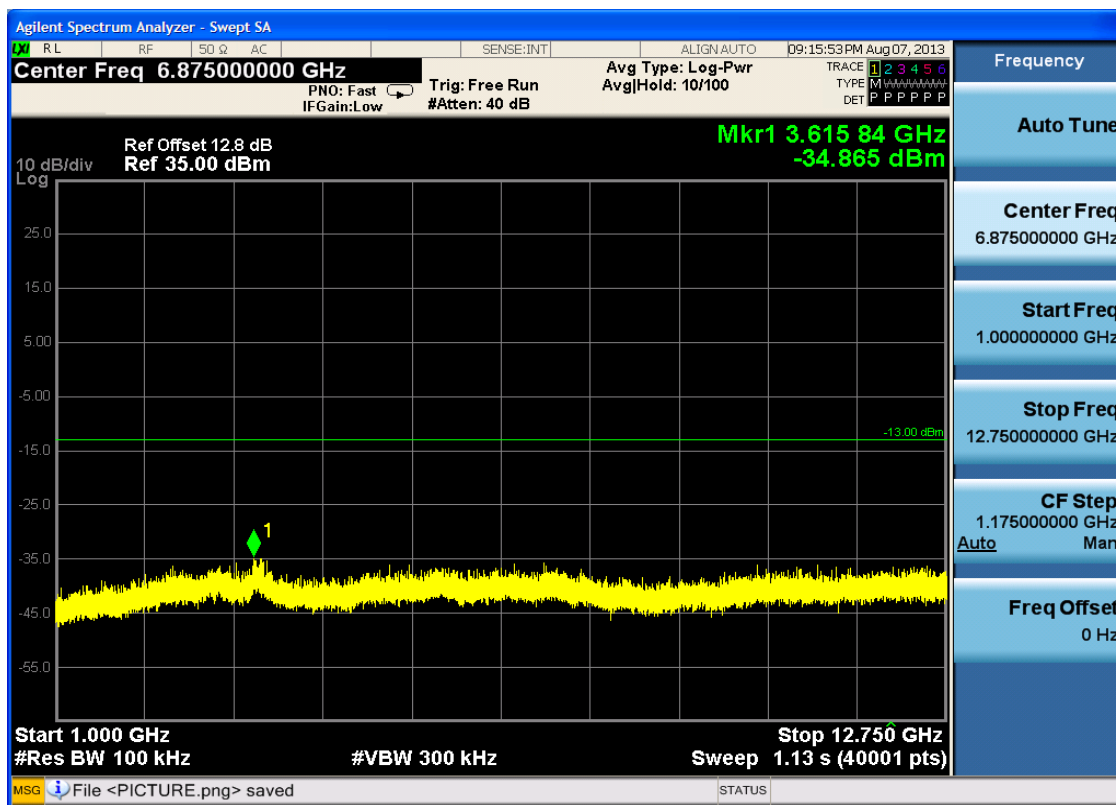


6.1.1.2.2 Test Channel = MCH



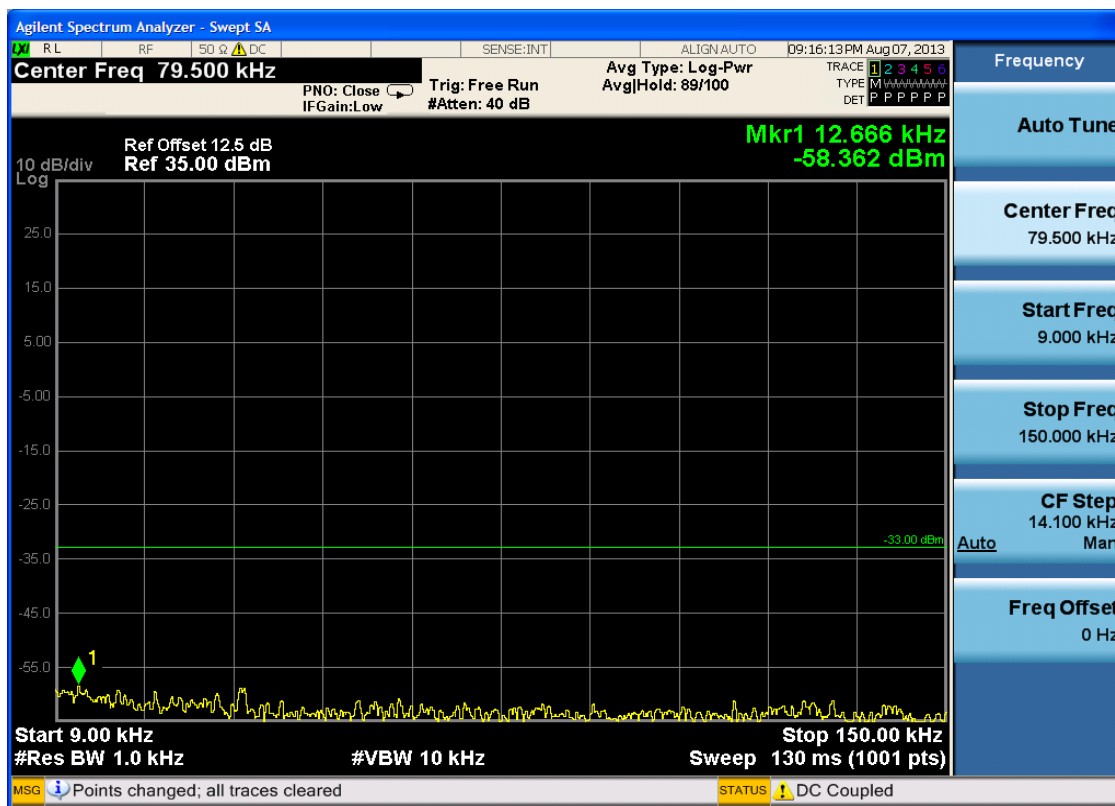


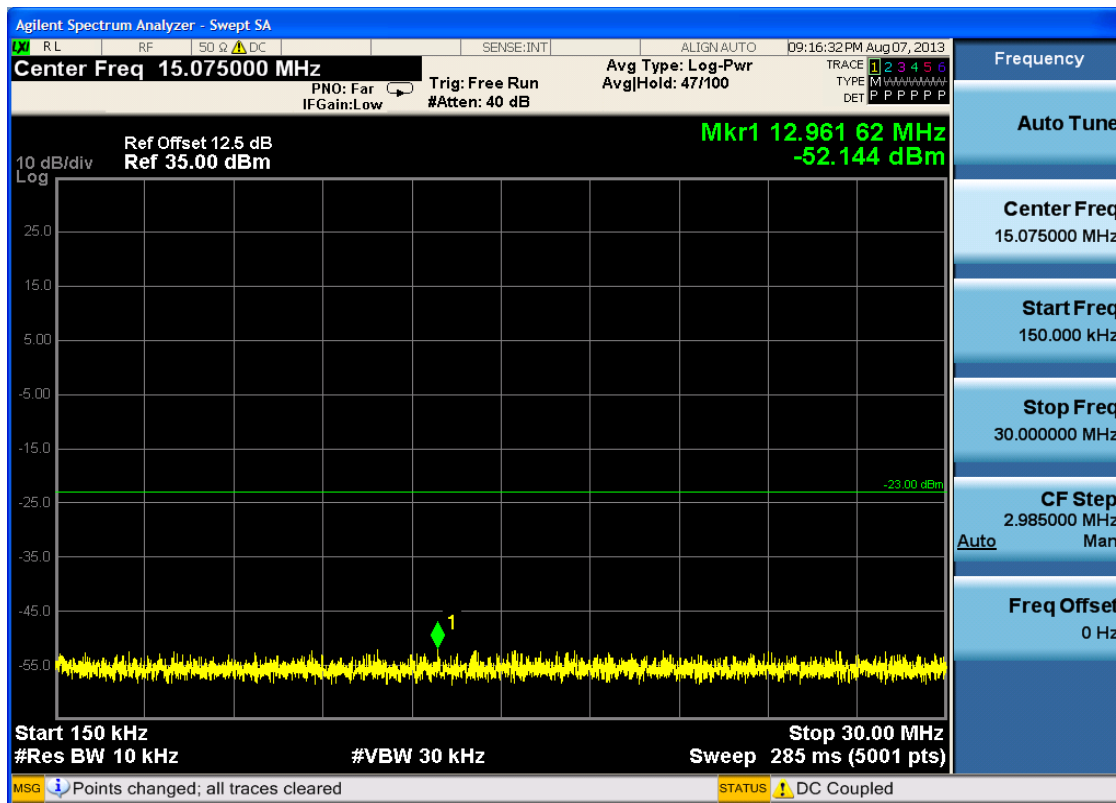


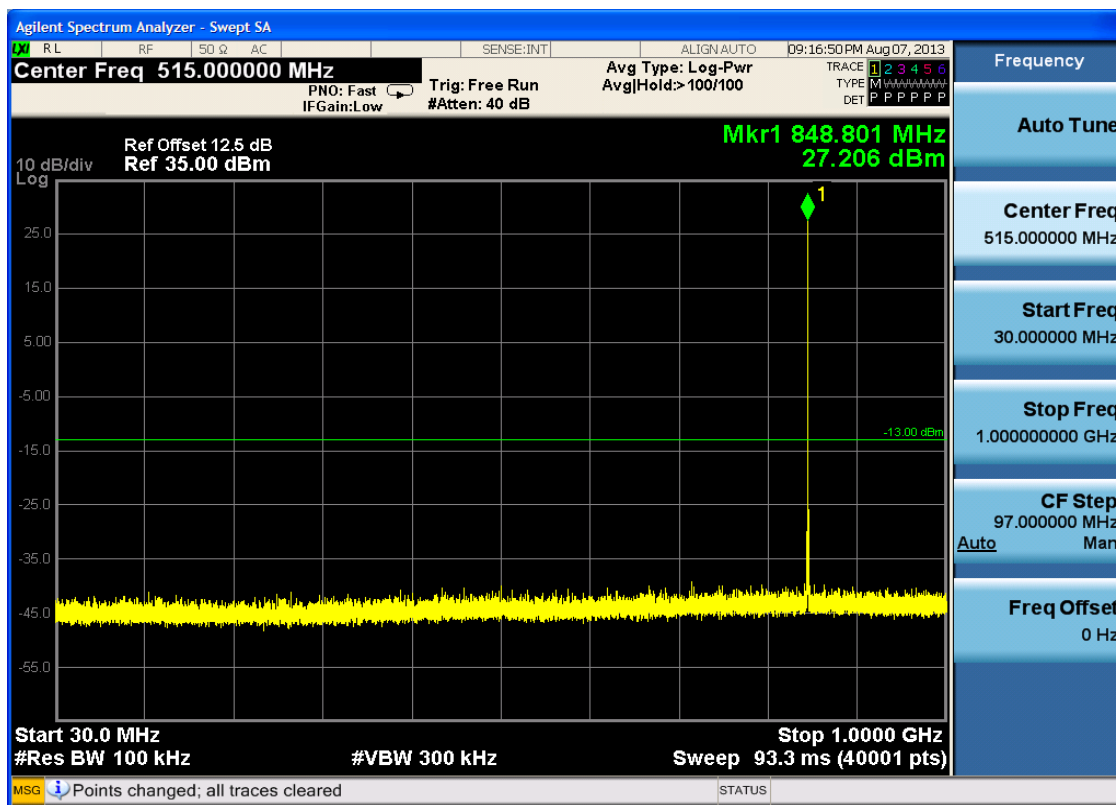


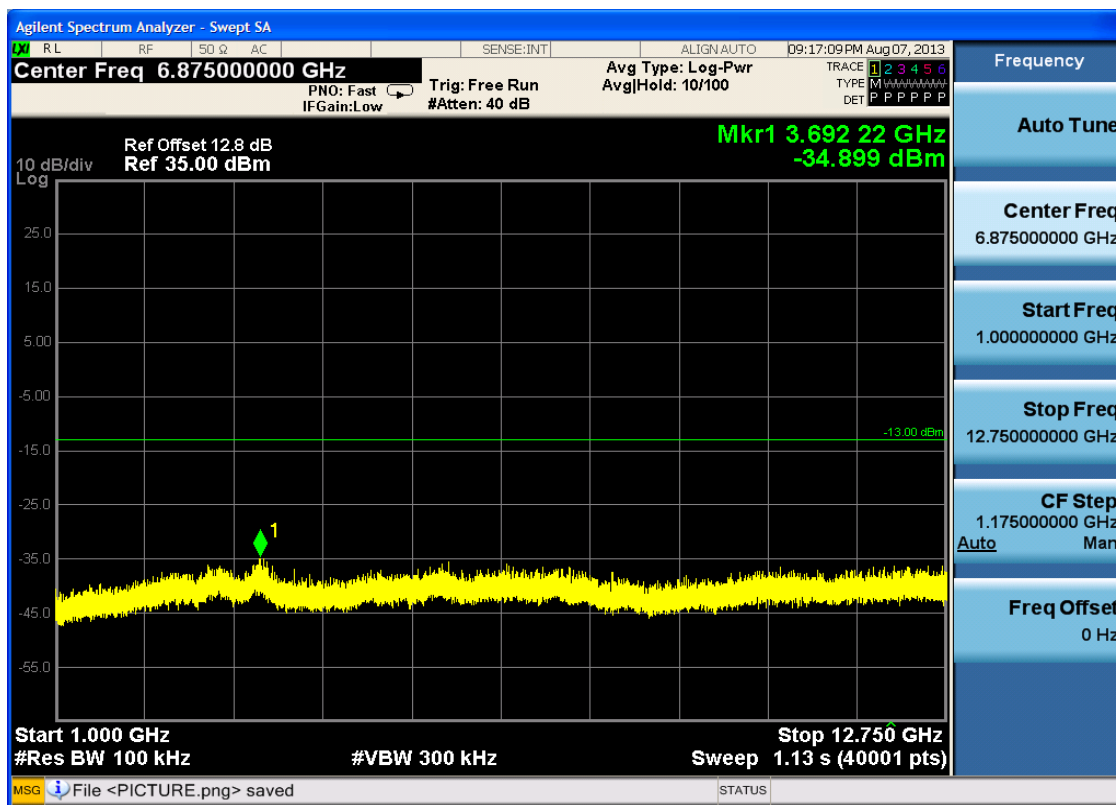


6.1.1.2.3 Test Channel = HCH





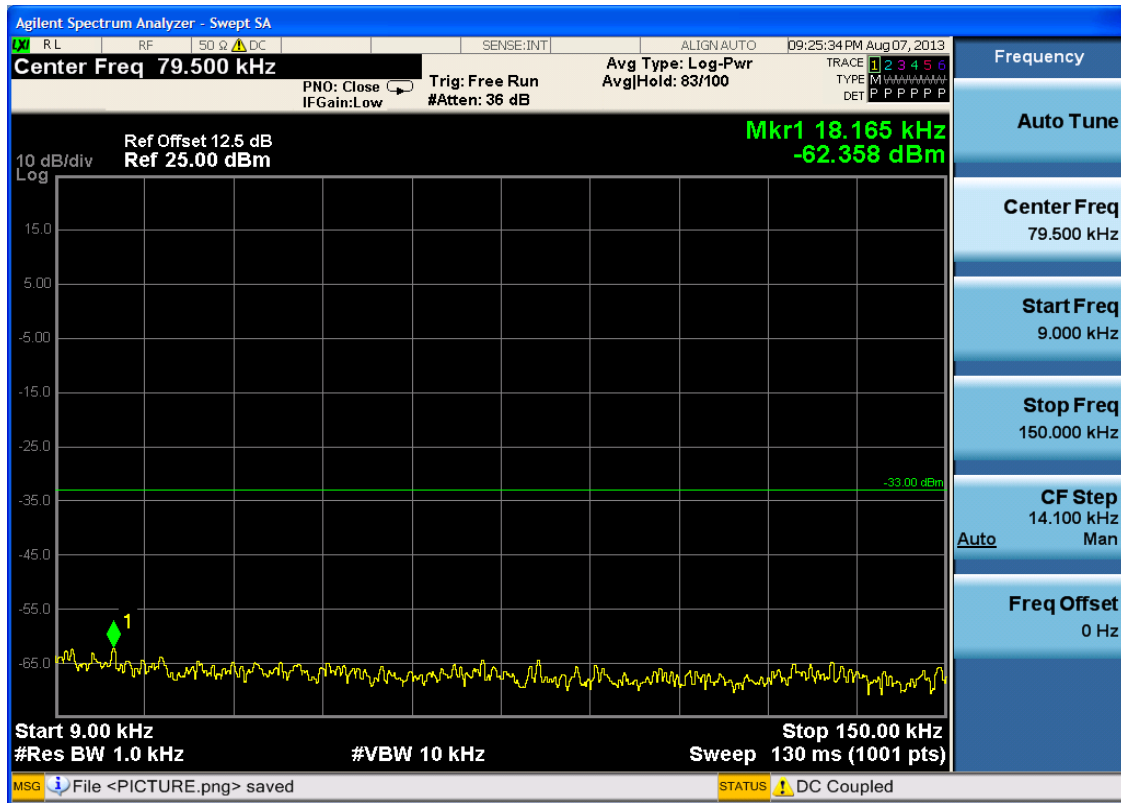


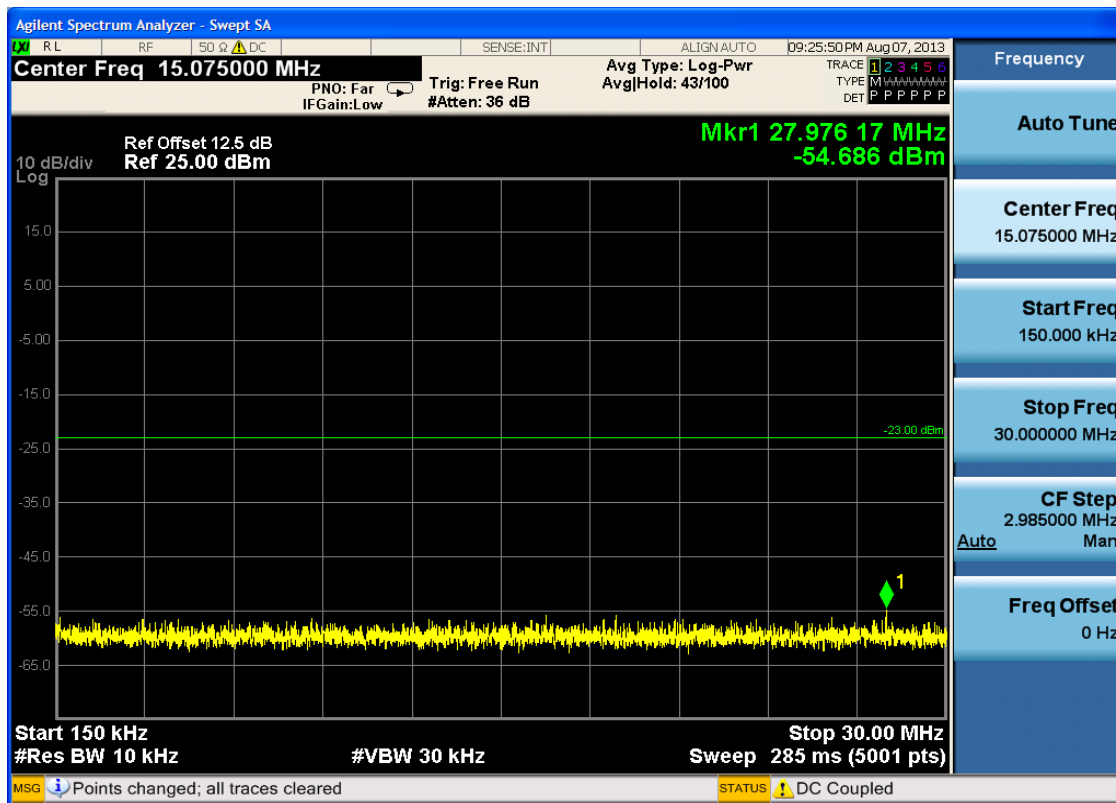


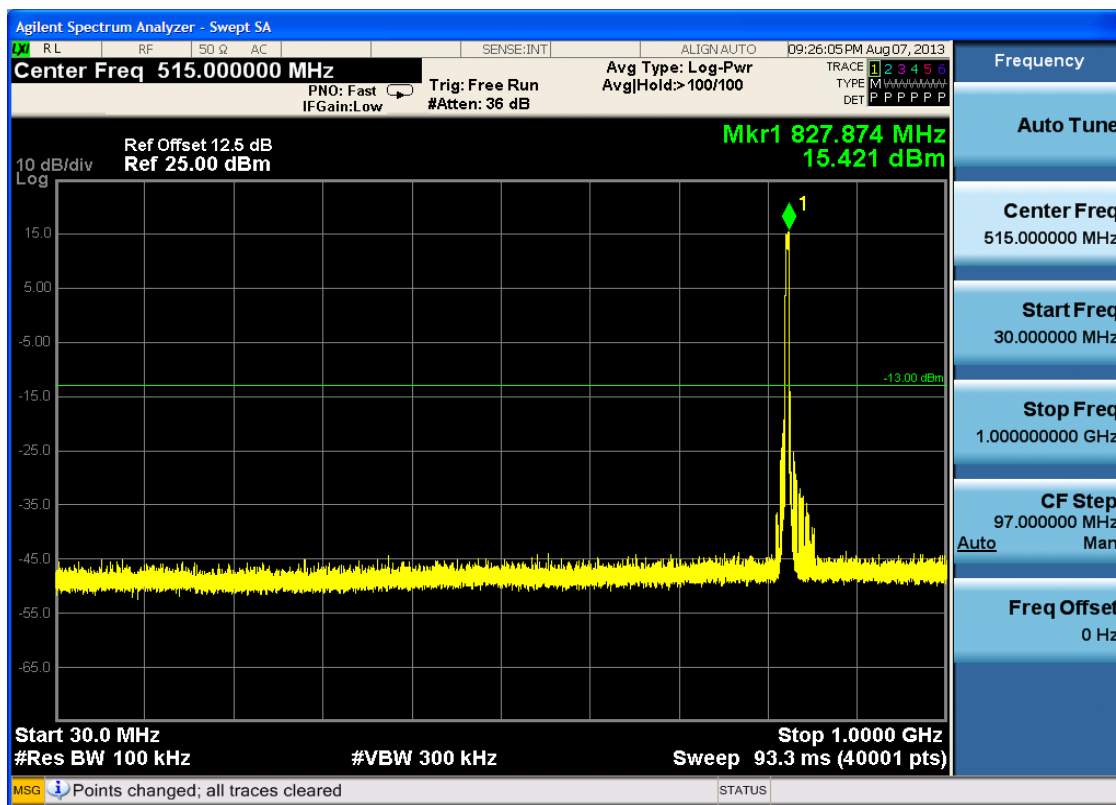
6.1.2 Test Band = WCDMA850

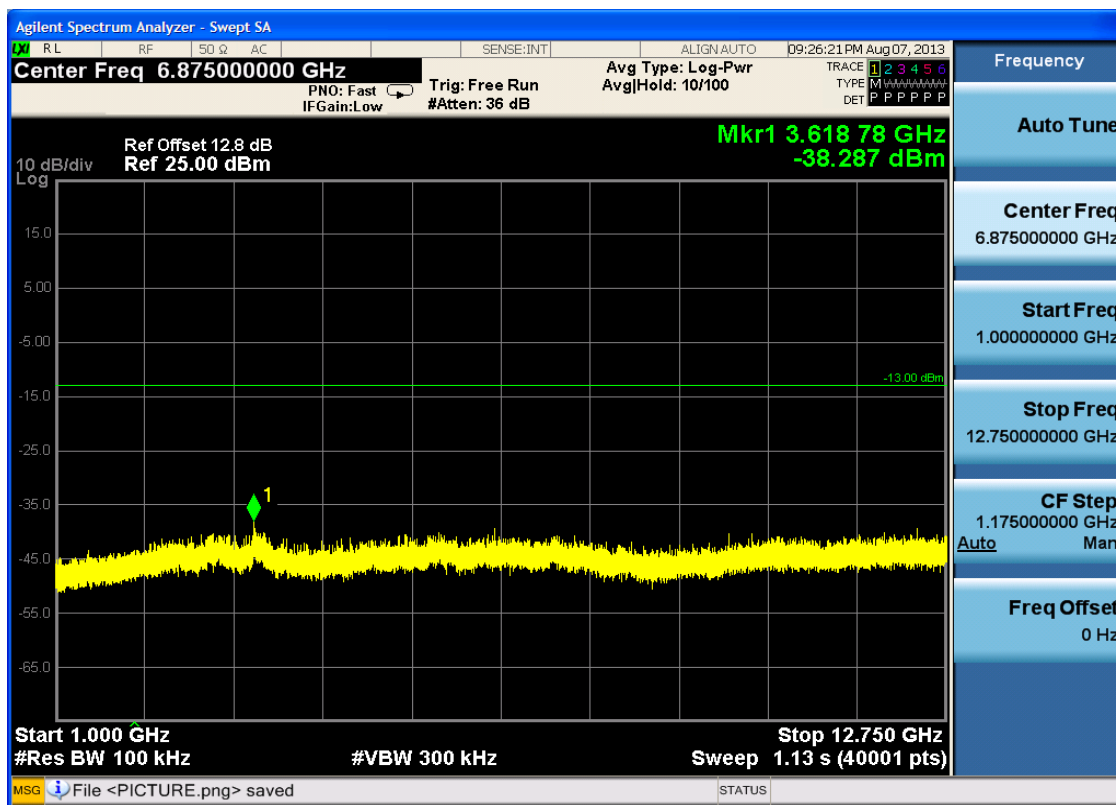
6.1.2.1 Test Mode = UMTS/TM1

6.1.2.1.1 Test Channel = LCH



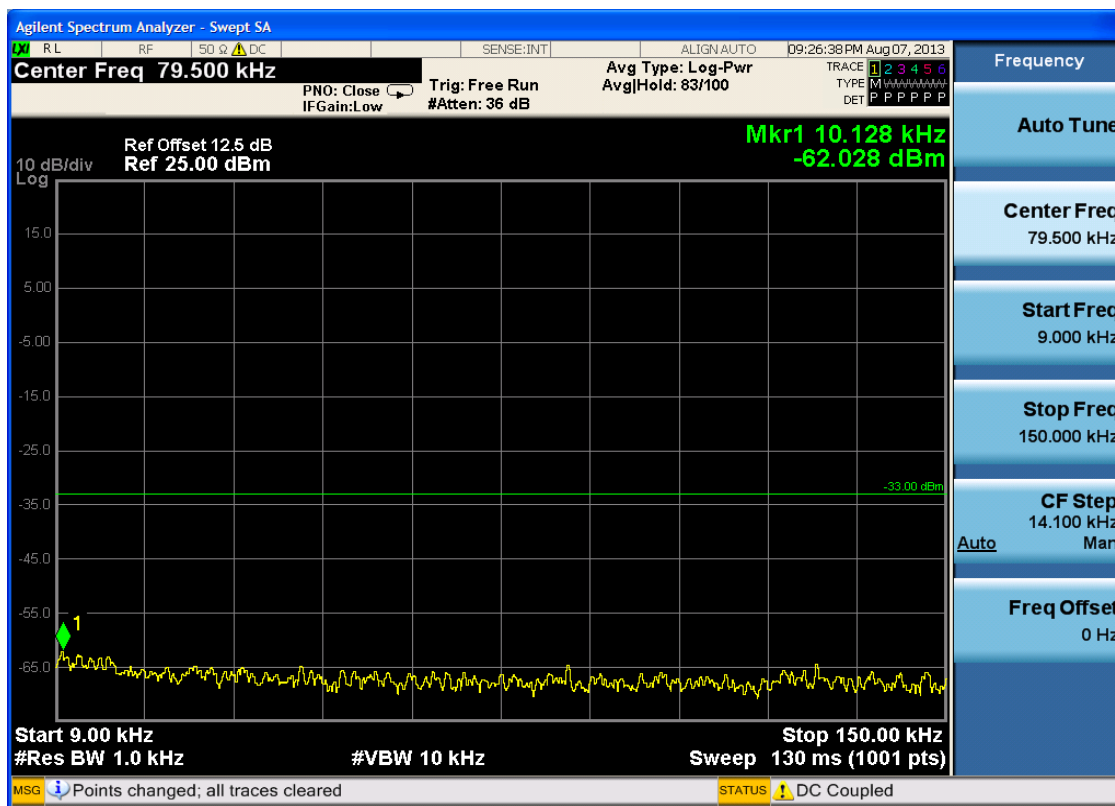


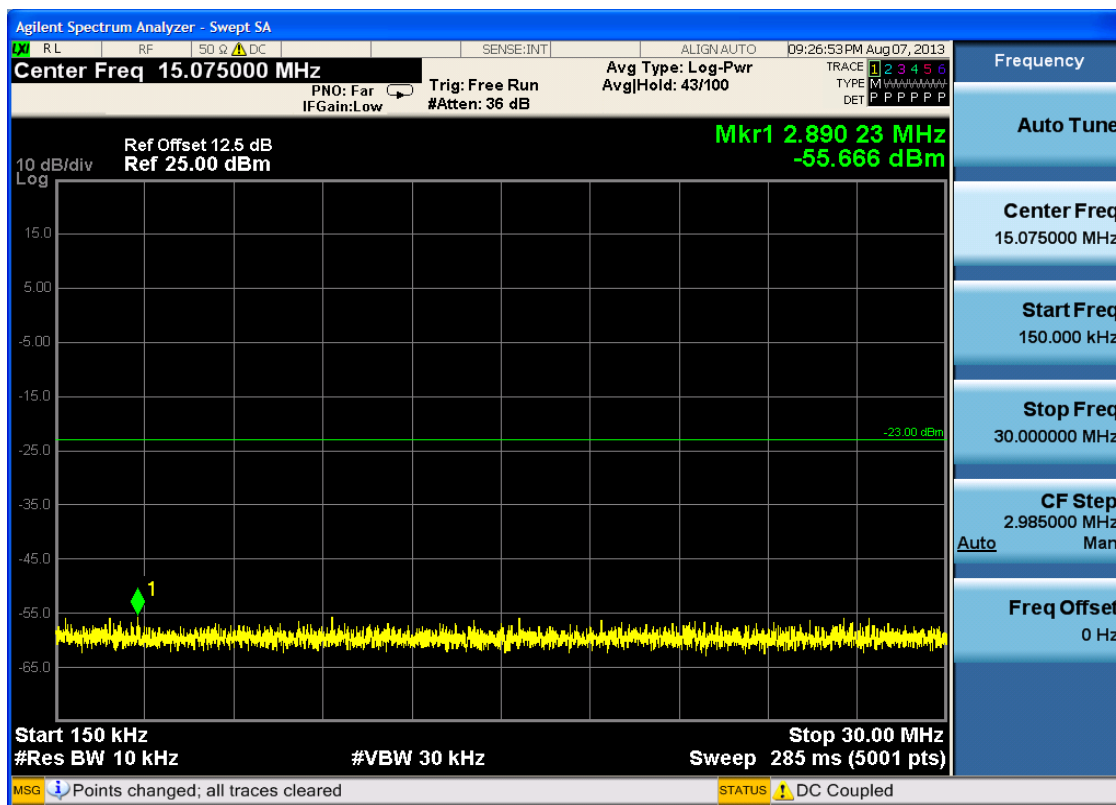


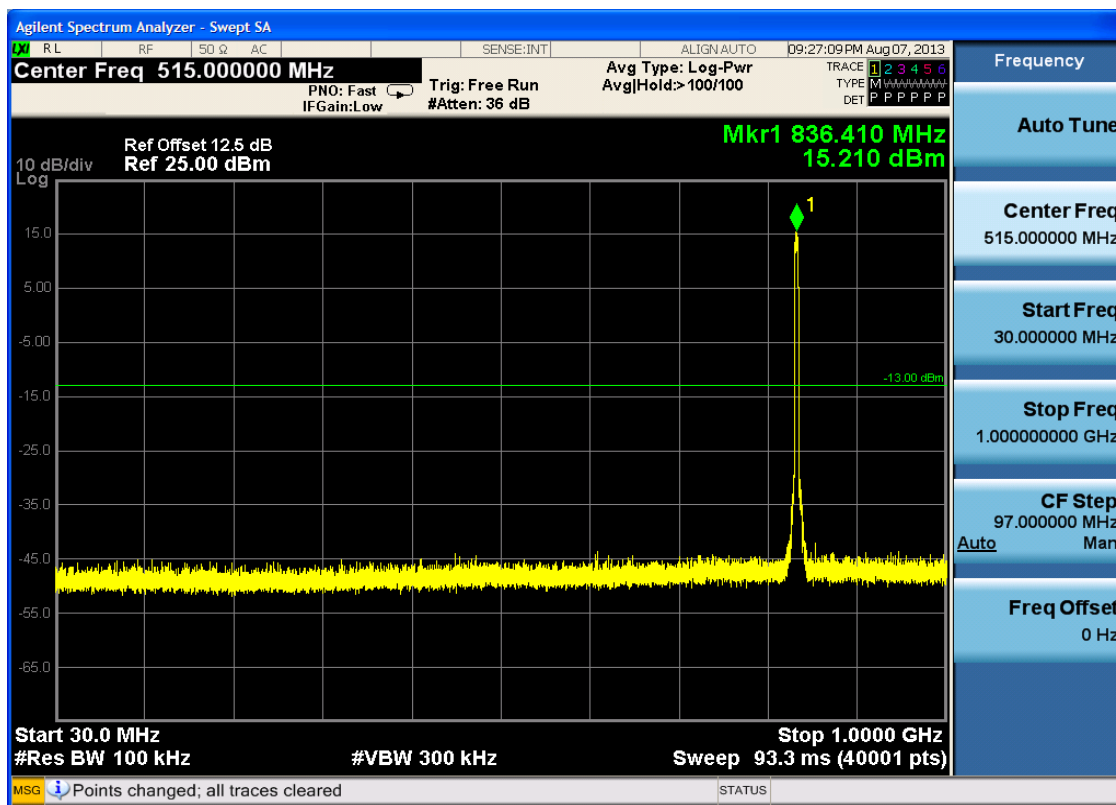


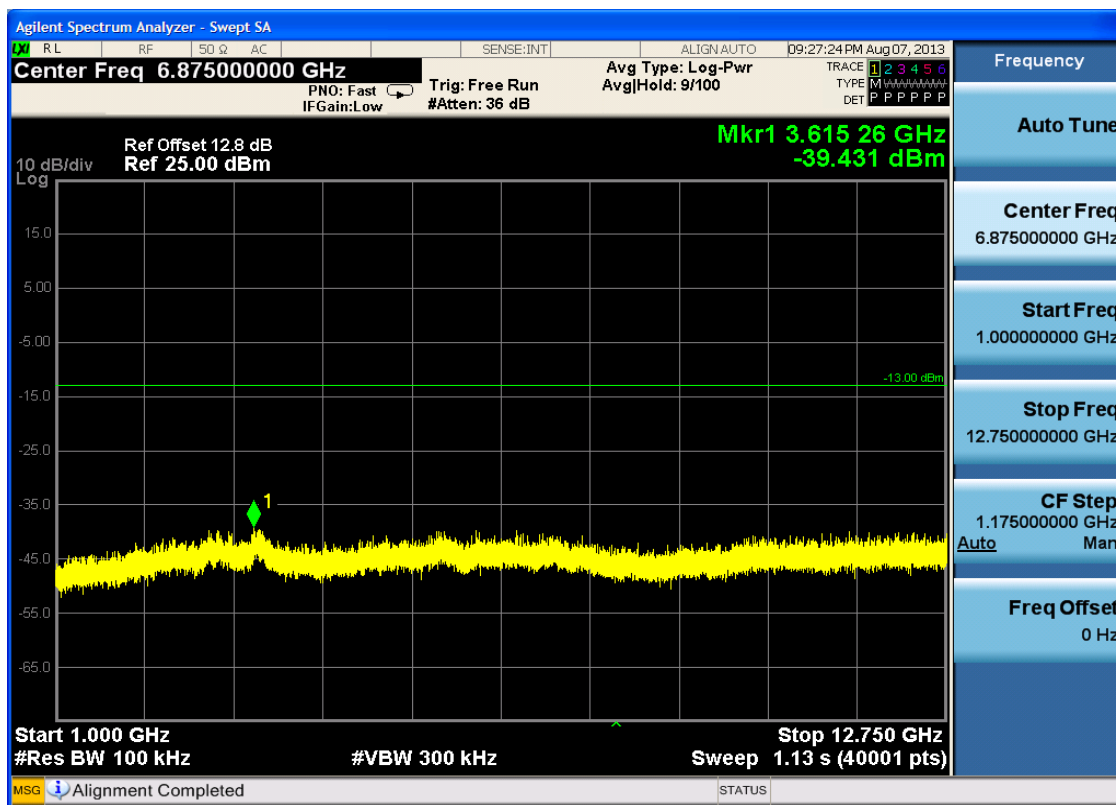


6.1.2.1.2 Test Channel = MCH

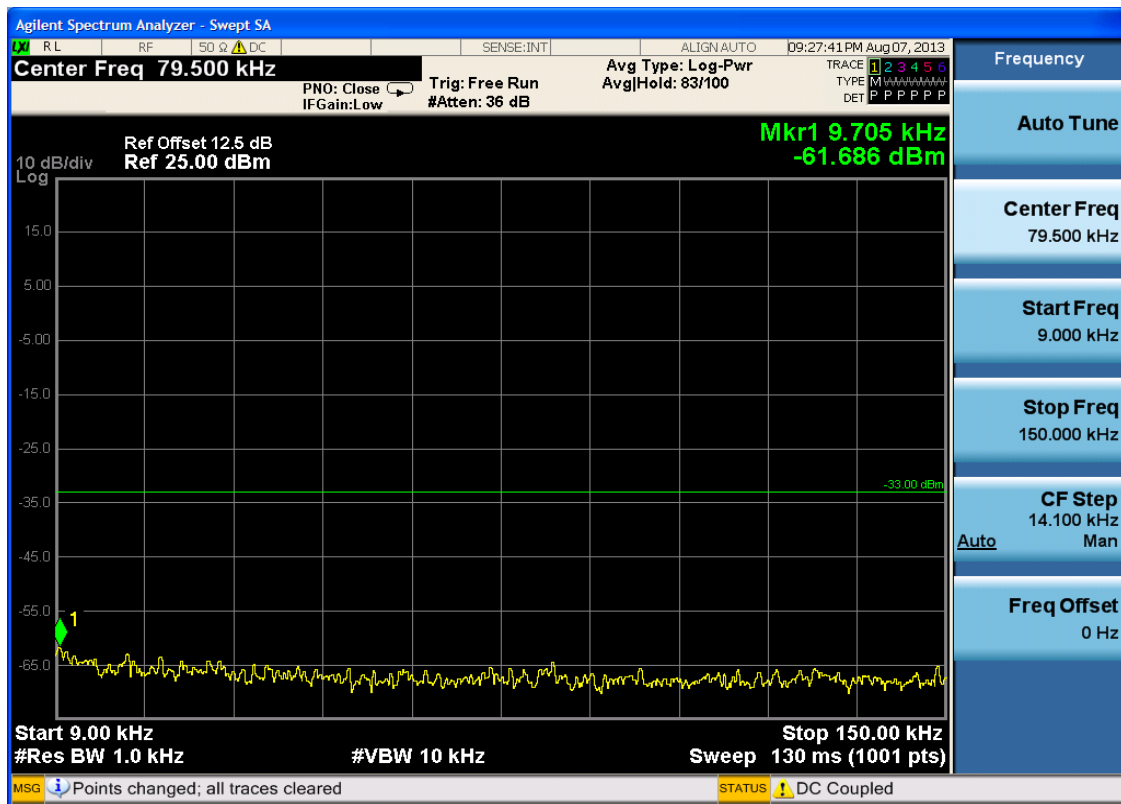


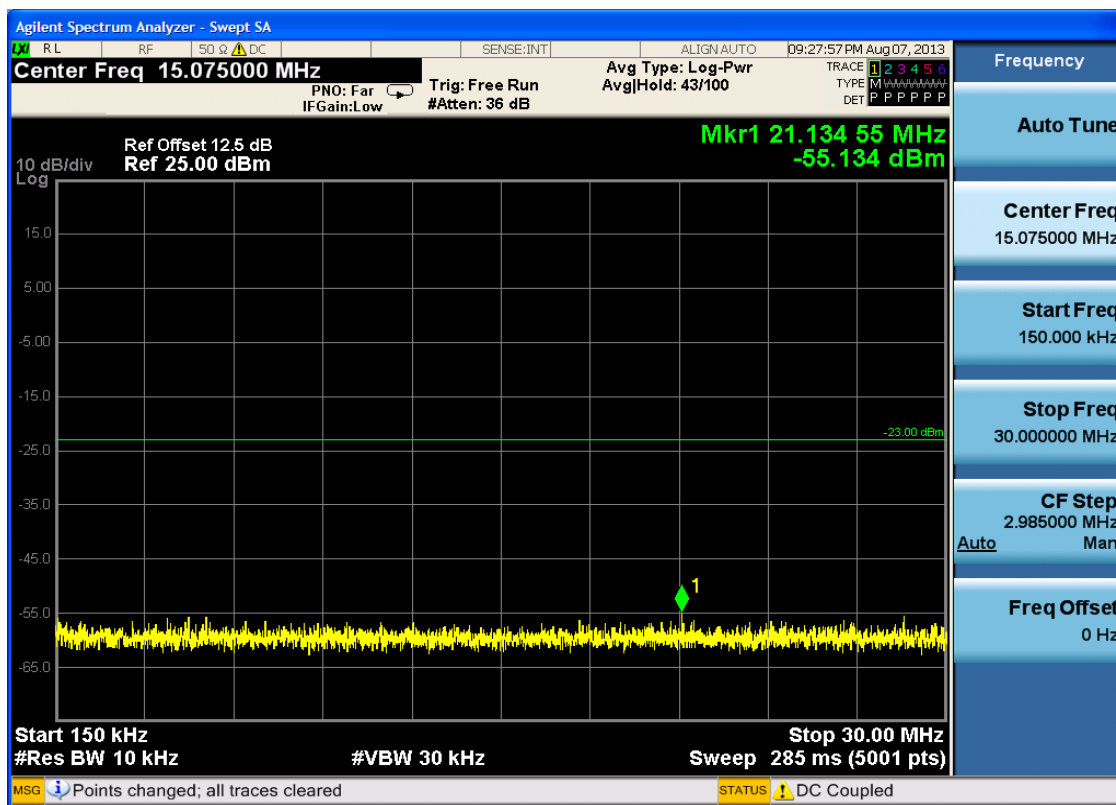


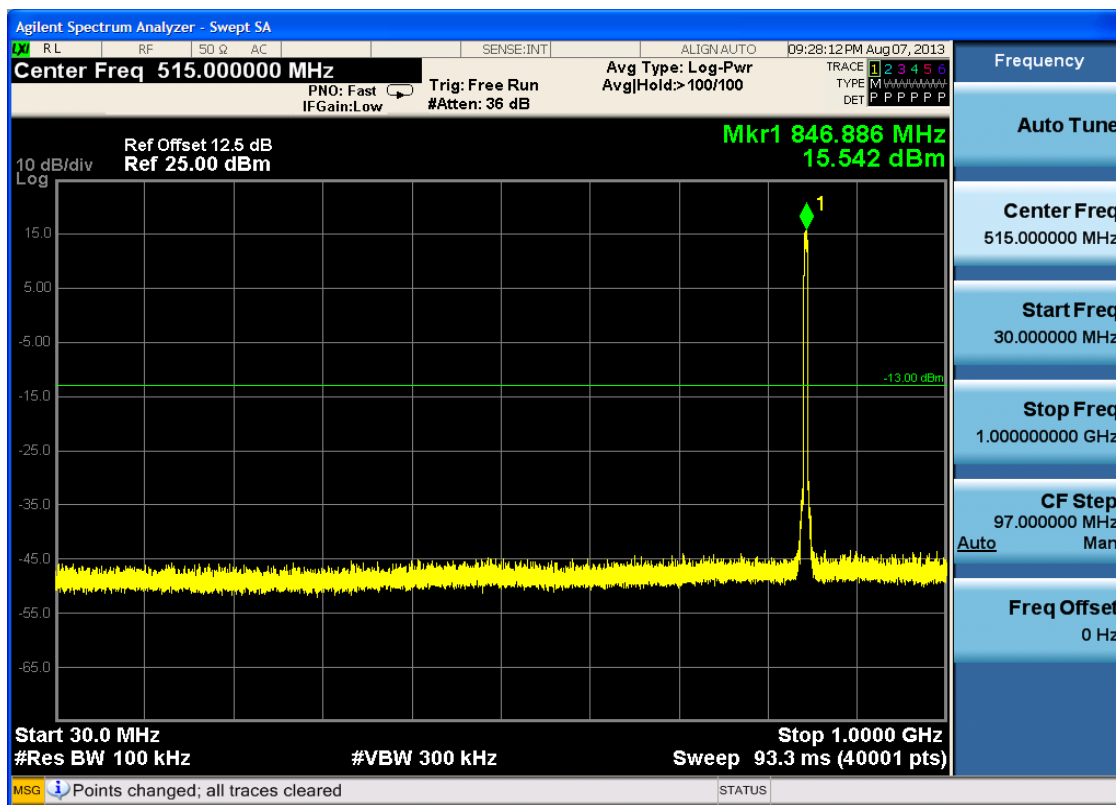


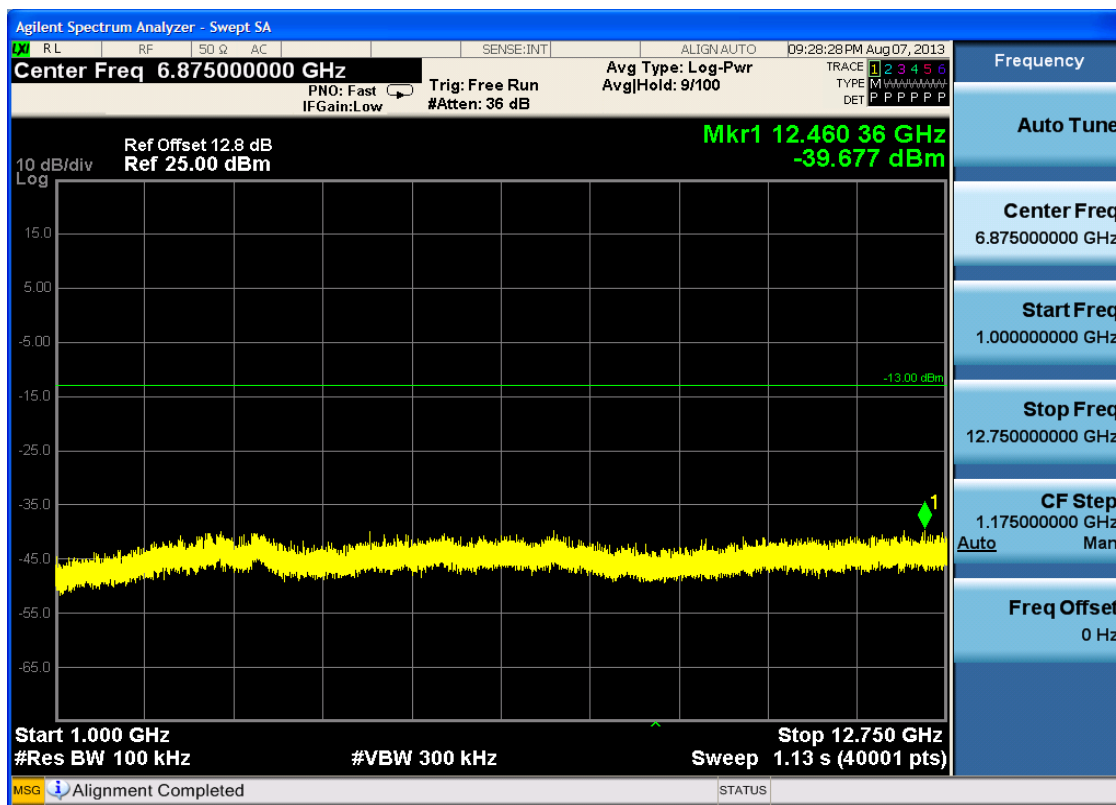


6.1.2.1.3 Test Channel = HCH





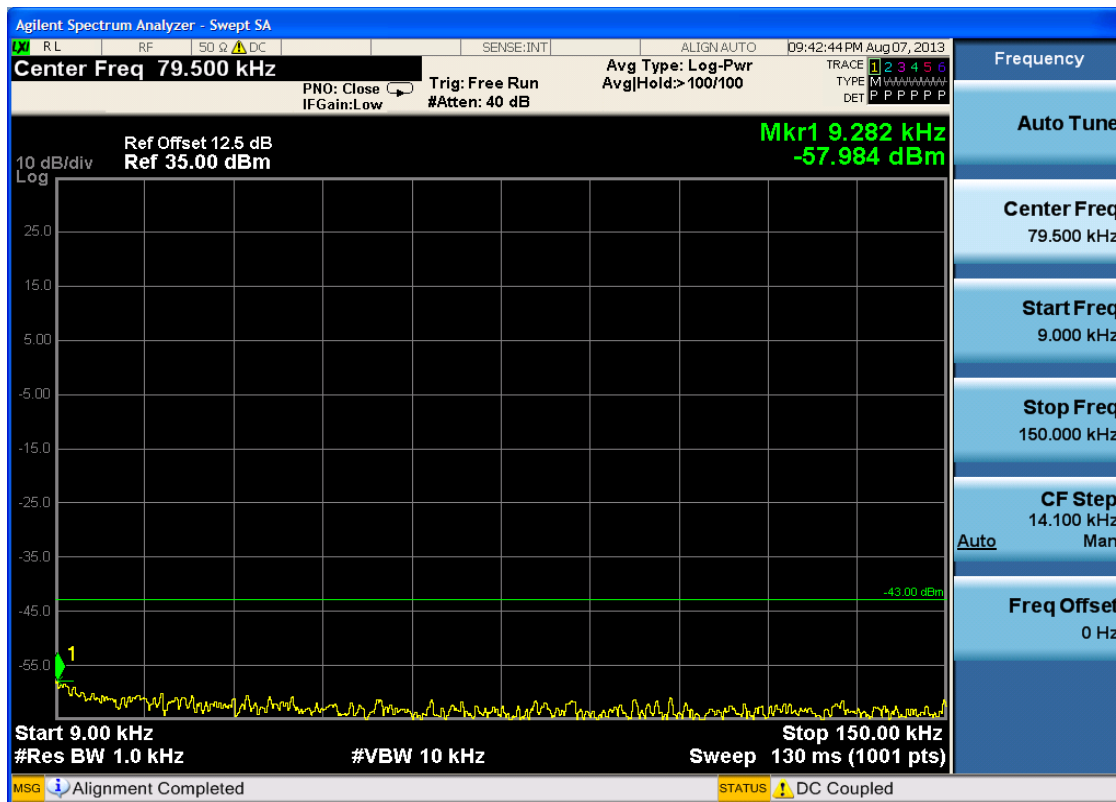


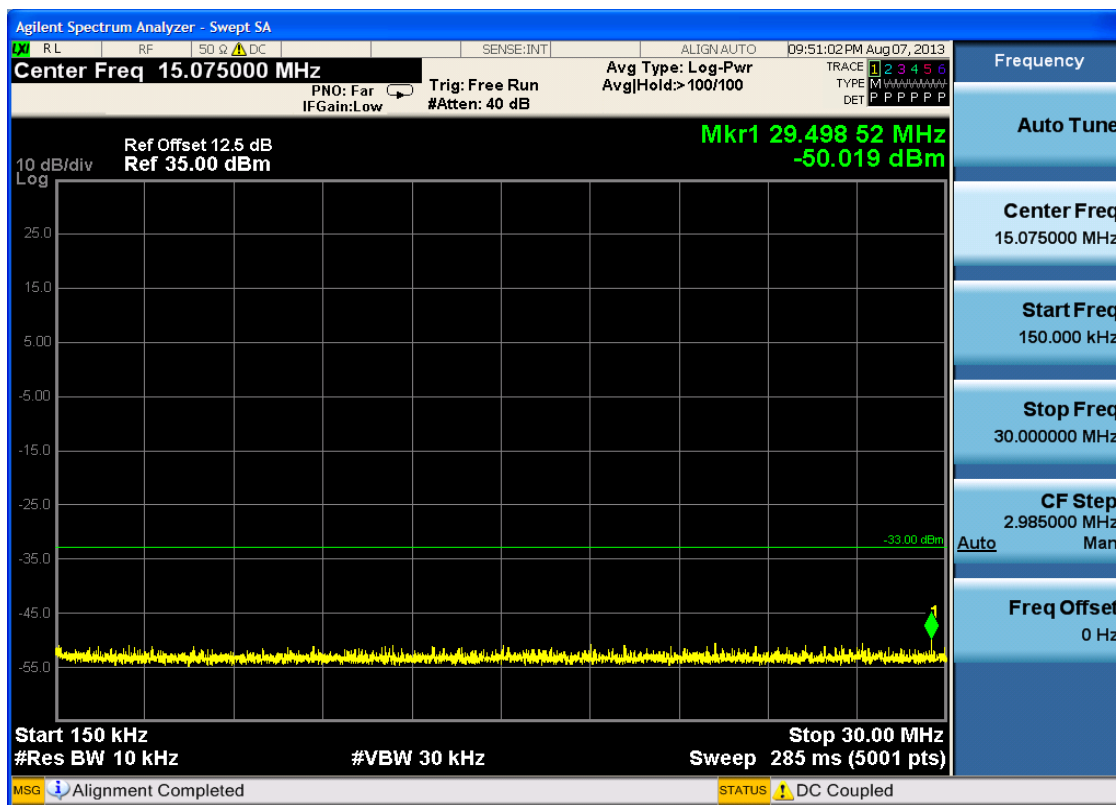


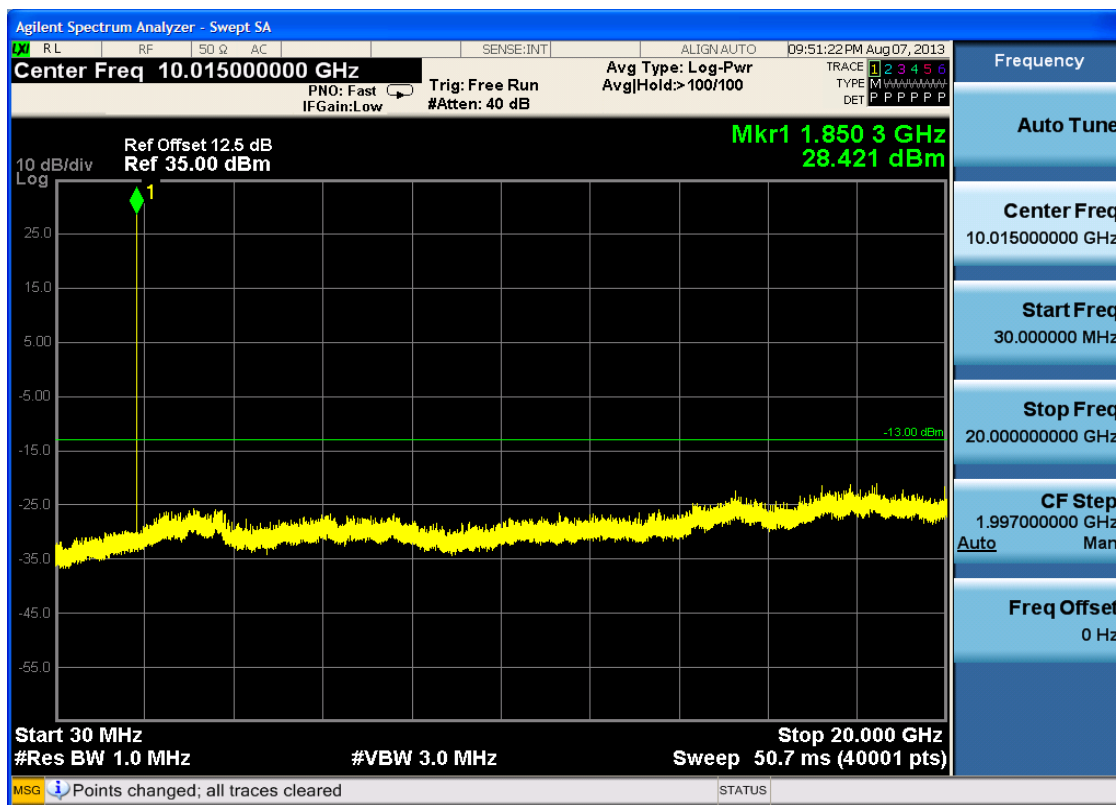
6.1.3 Test Band = GSM1900

6.1.3.1 Test Mode = GSM/TM1

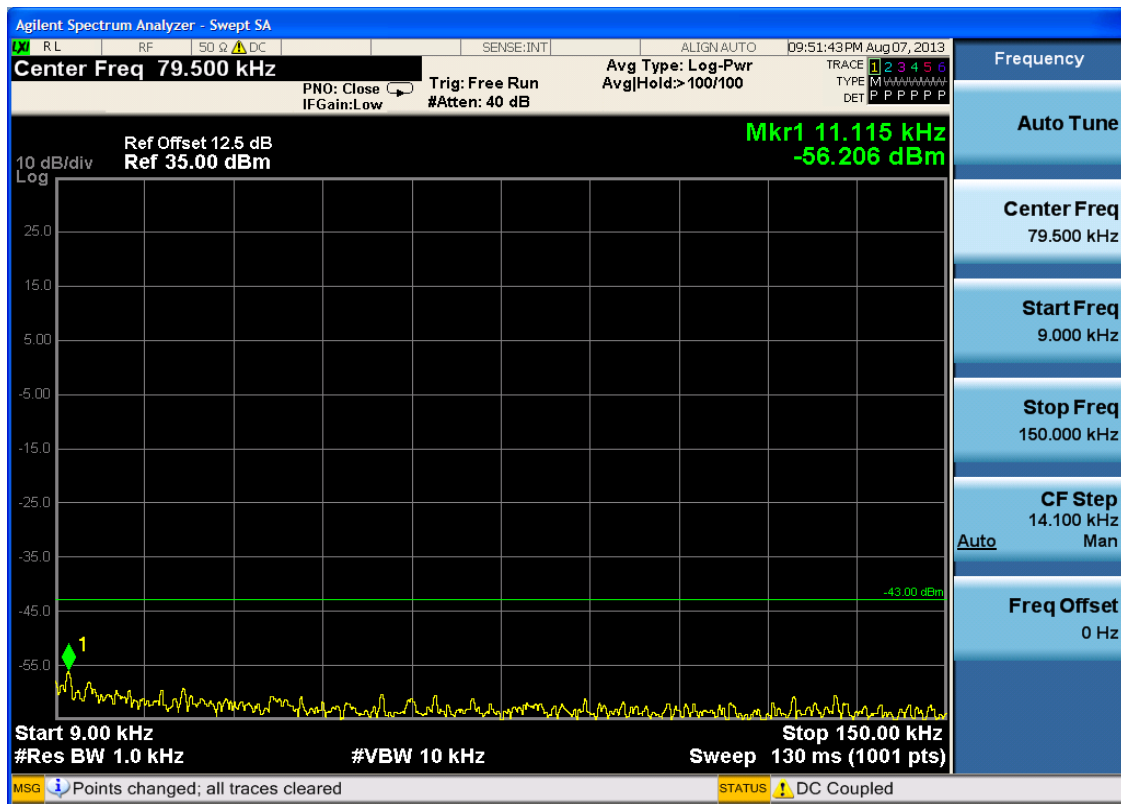
6.1.3.1.1 Test Channel = LCH

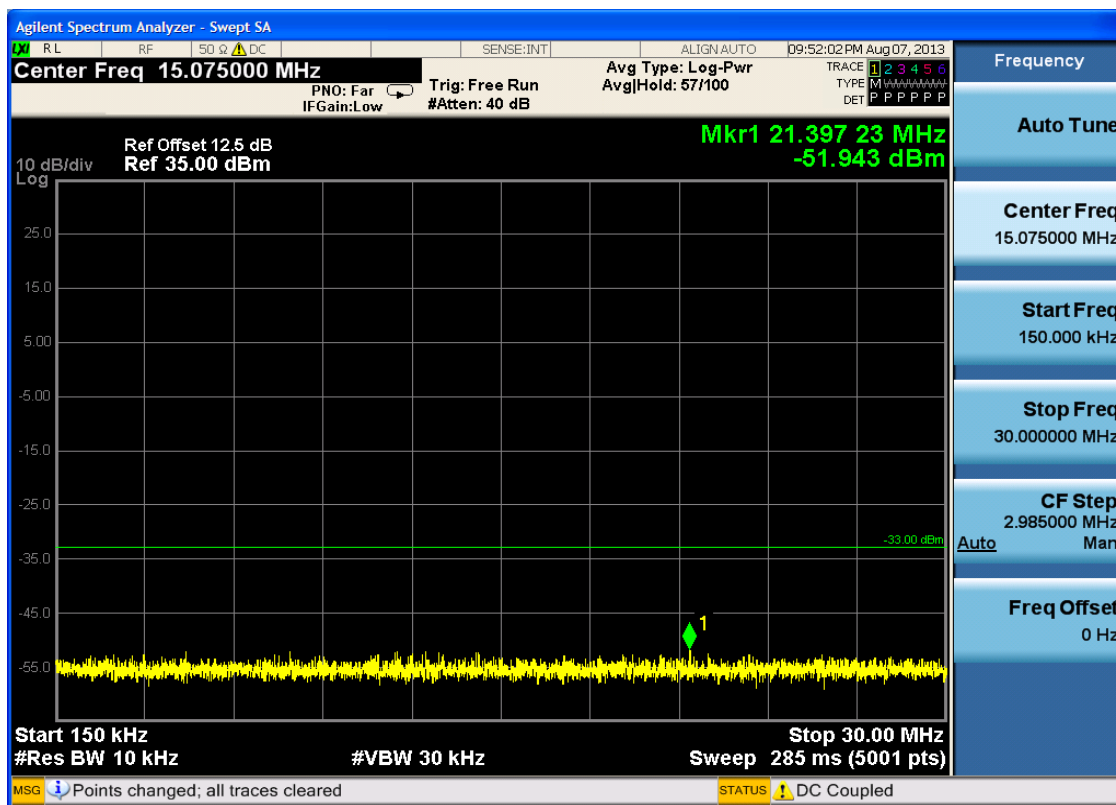


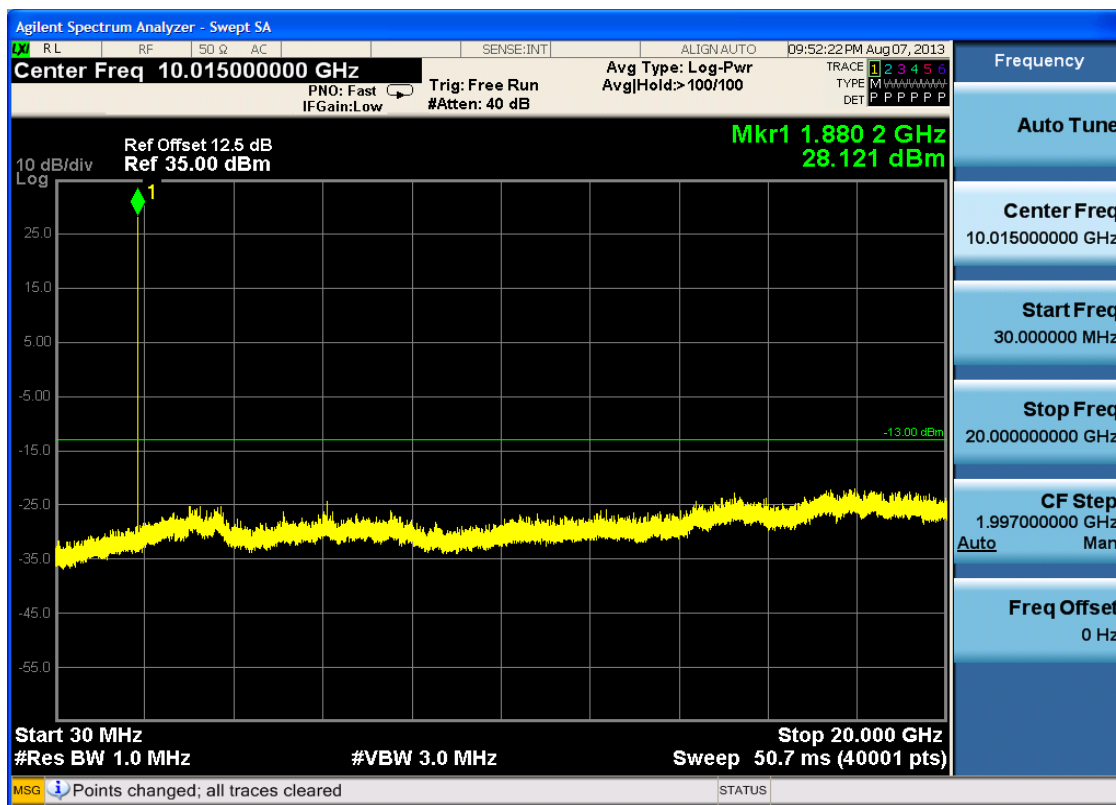




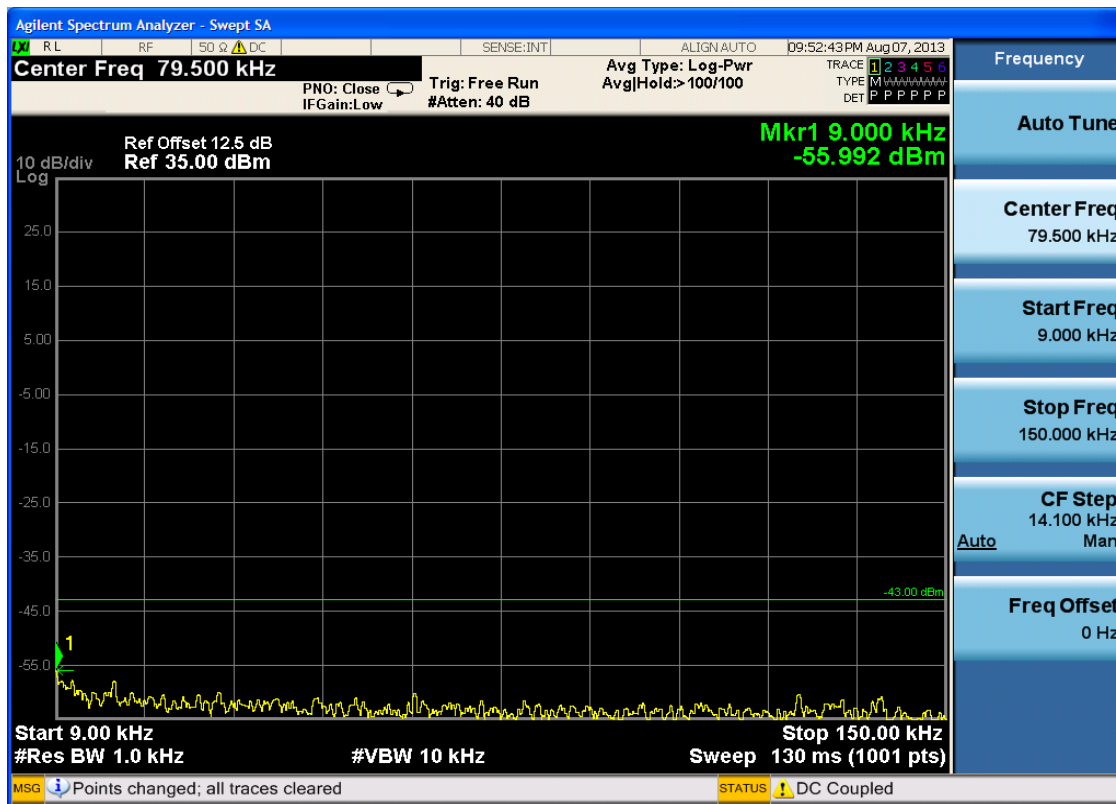
6.1.3.1.2 Test Channel = MCH

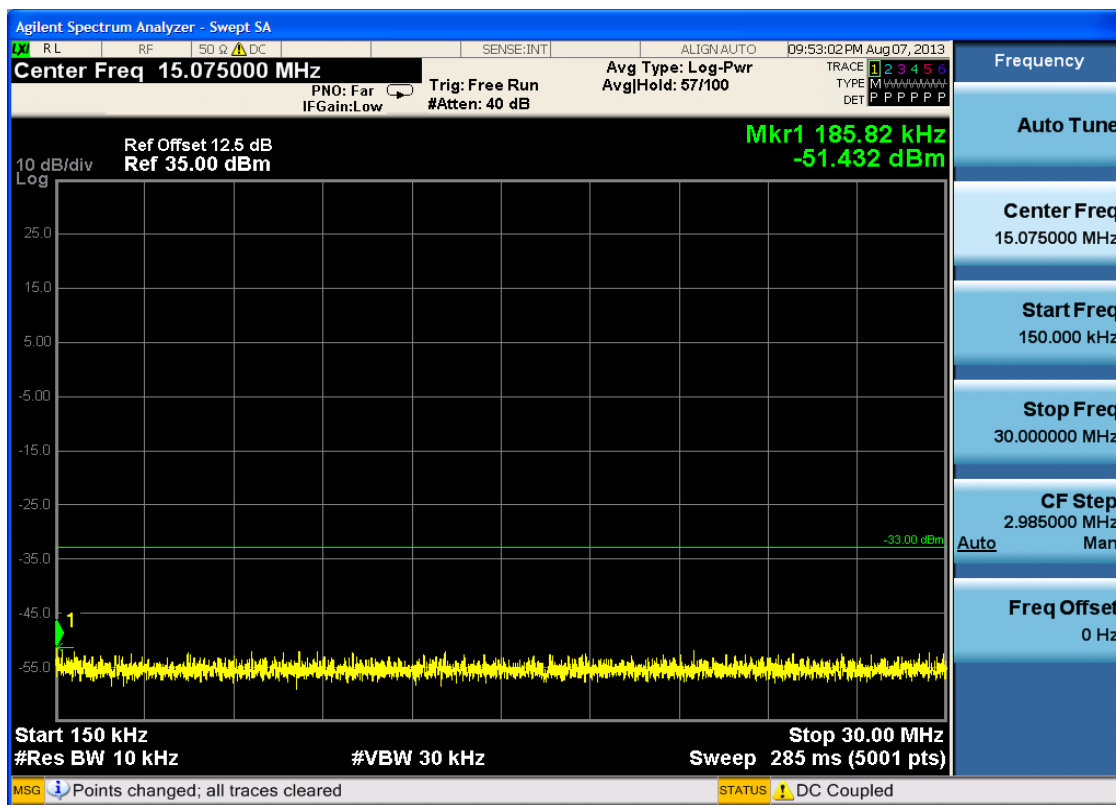


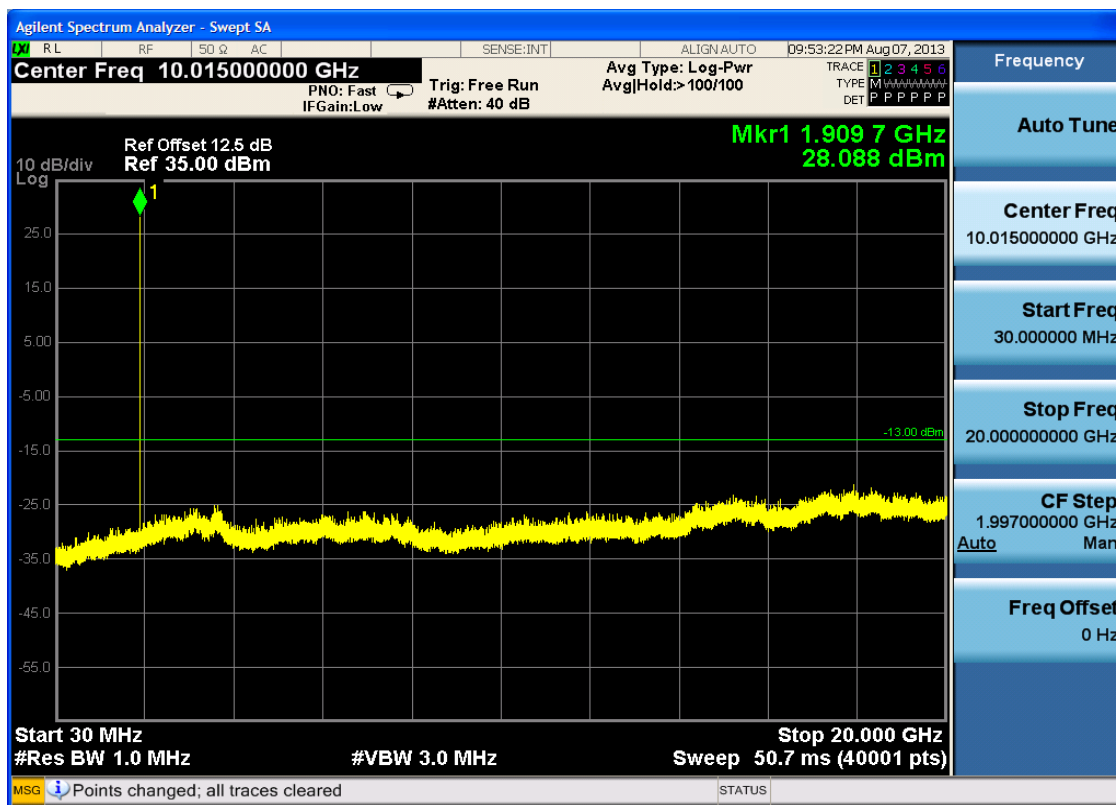




6.1.3.1.3 Test Channel = HCH

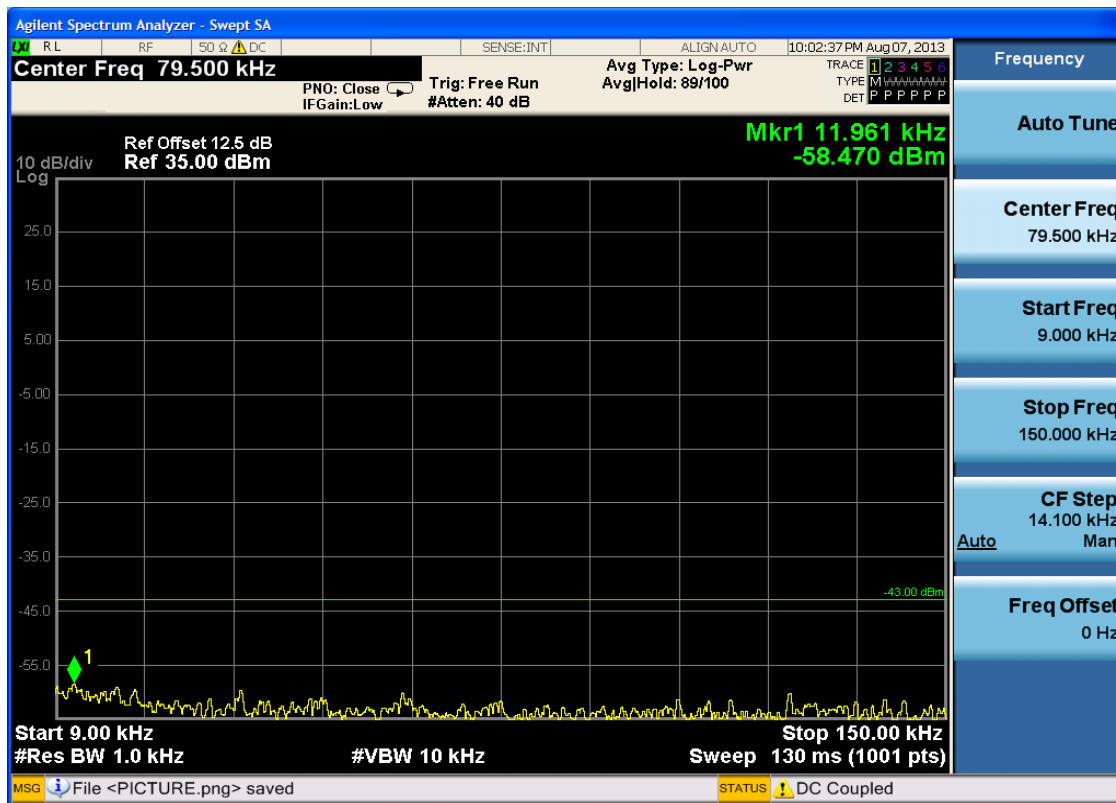


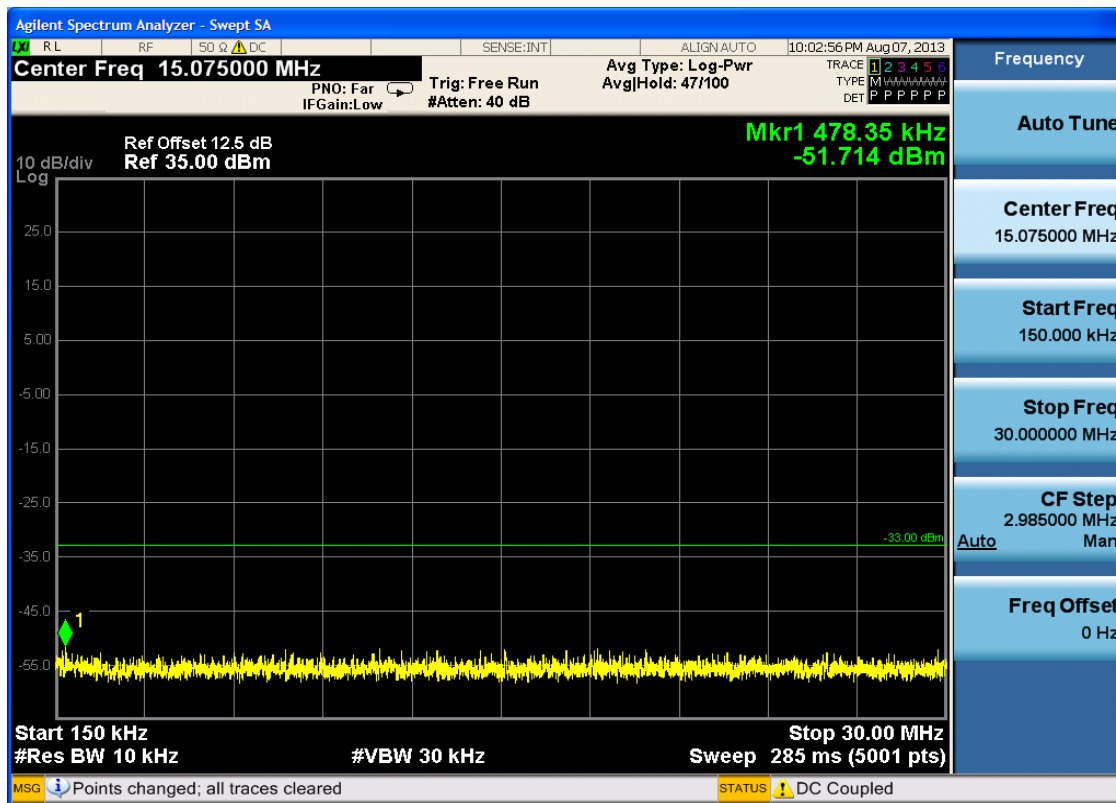


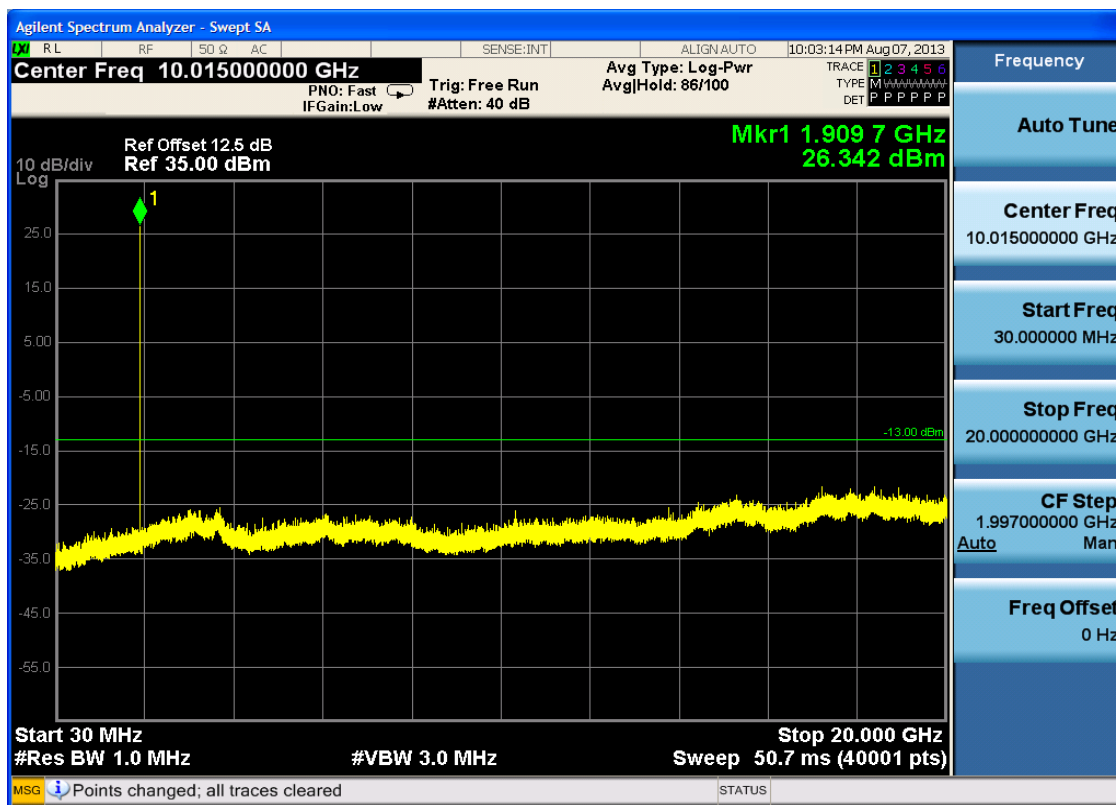


6.1.3.2 Test Mode = GSM/TM2

6.1.3.2.1 Test Channel = LCH

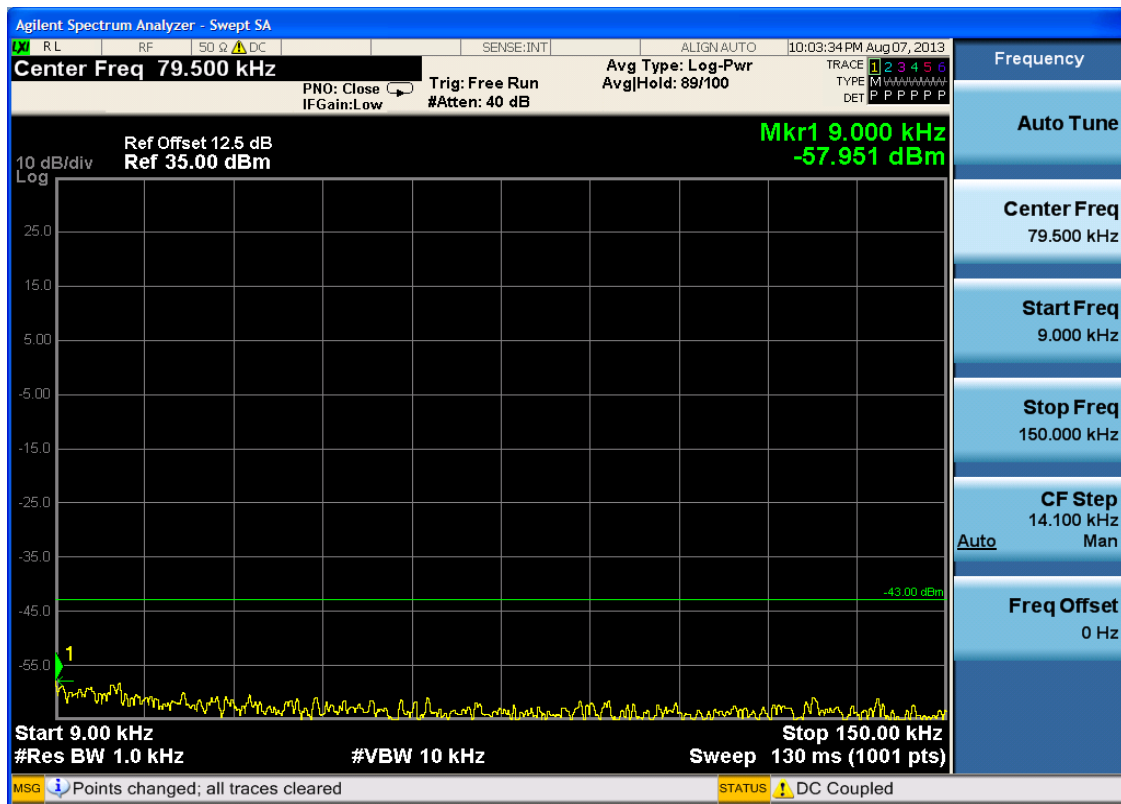


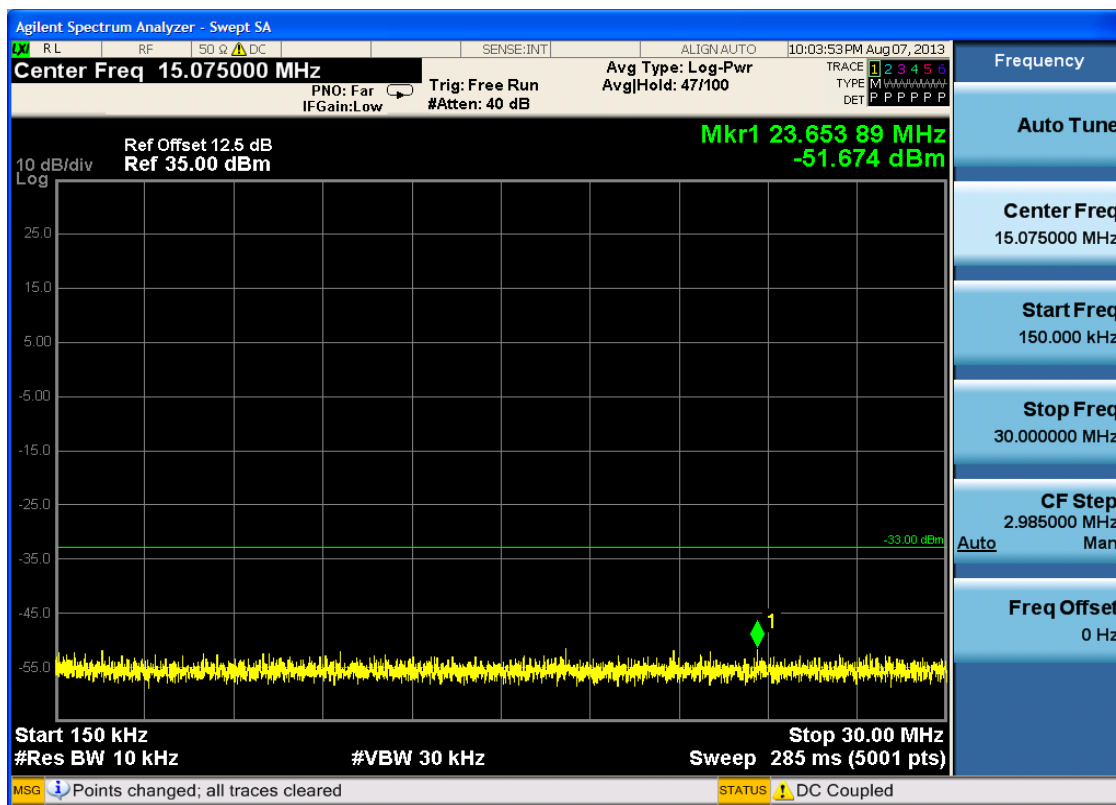


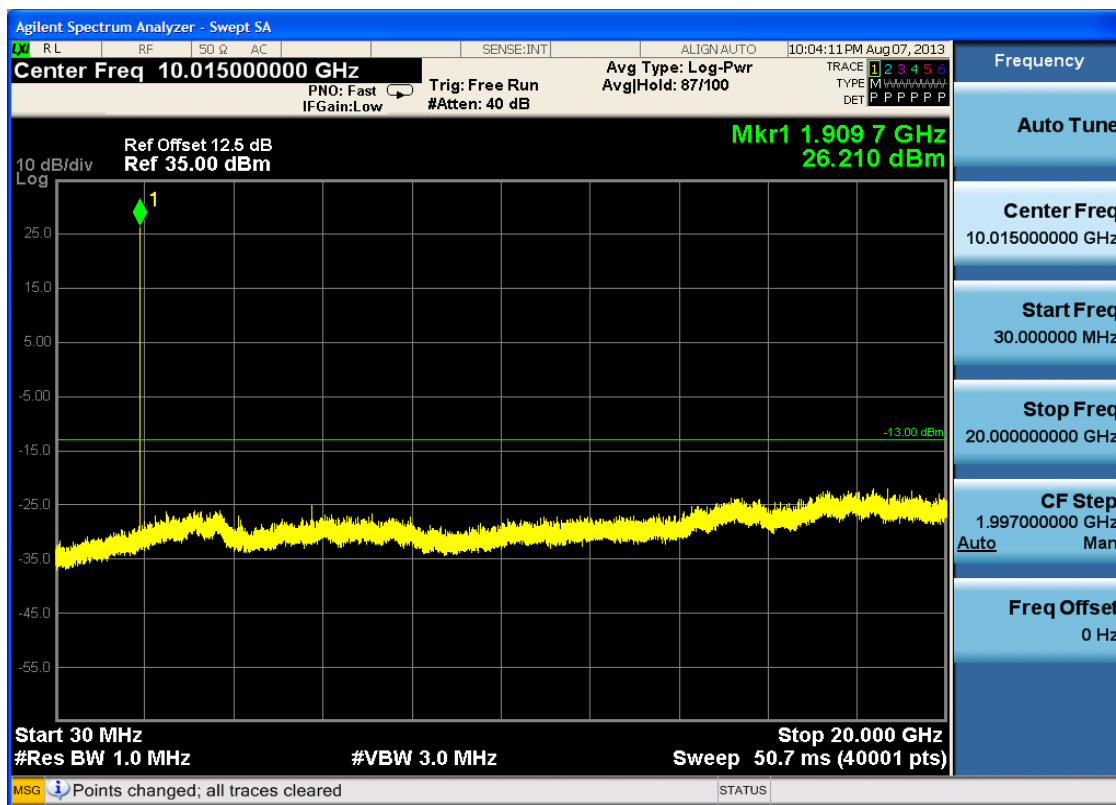




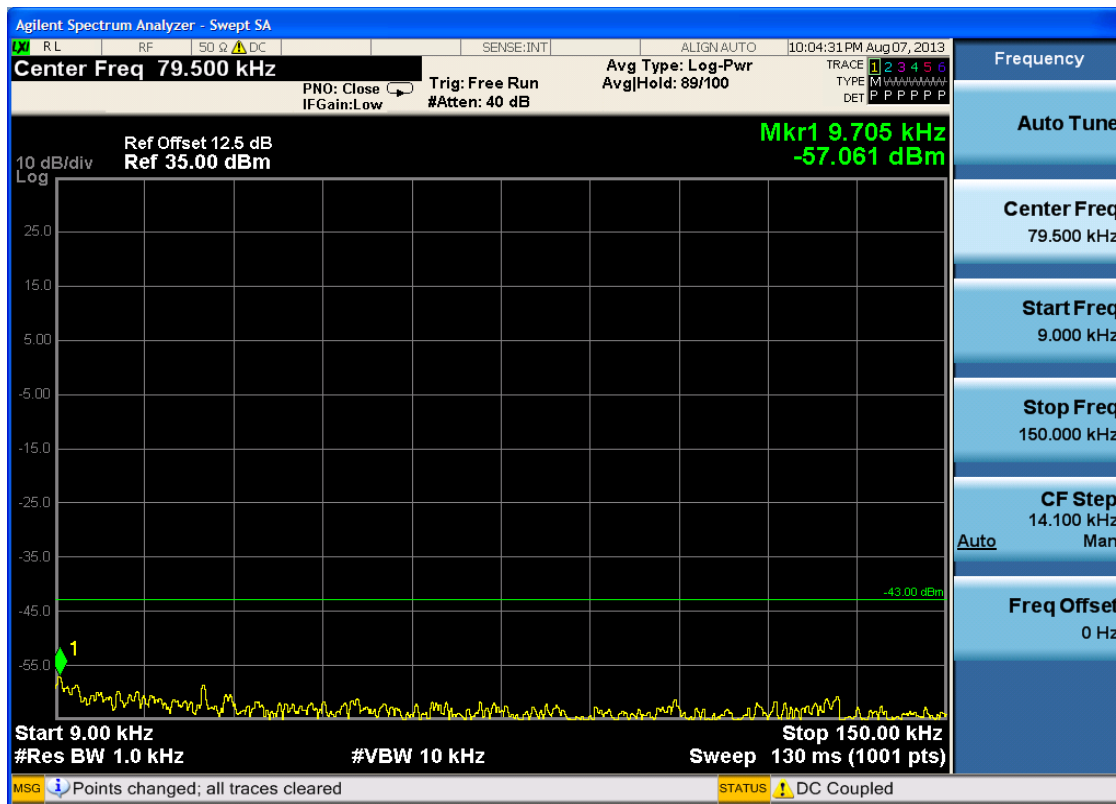
6.1.3.2.2 Test Channel = MCH

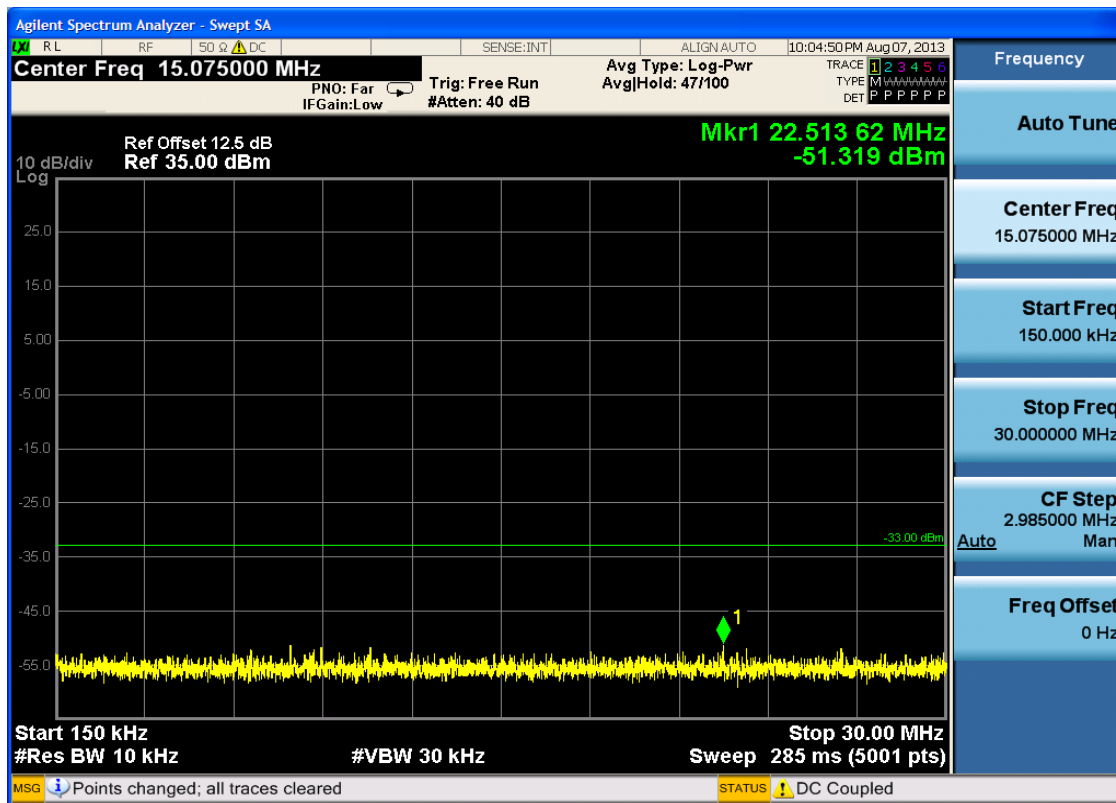


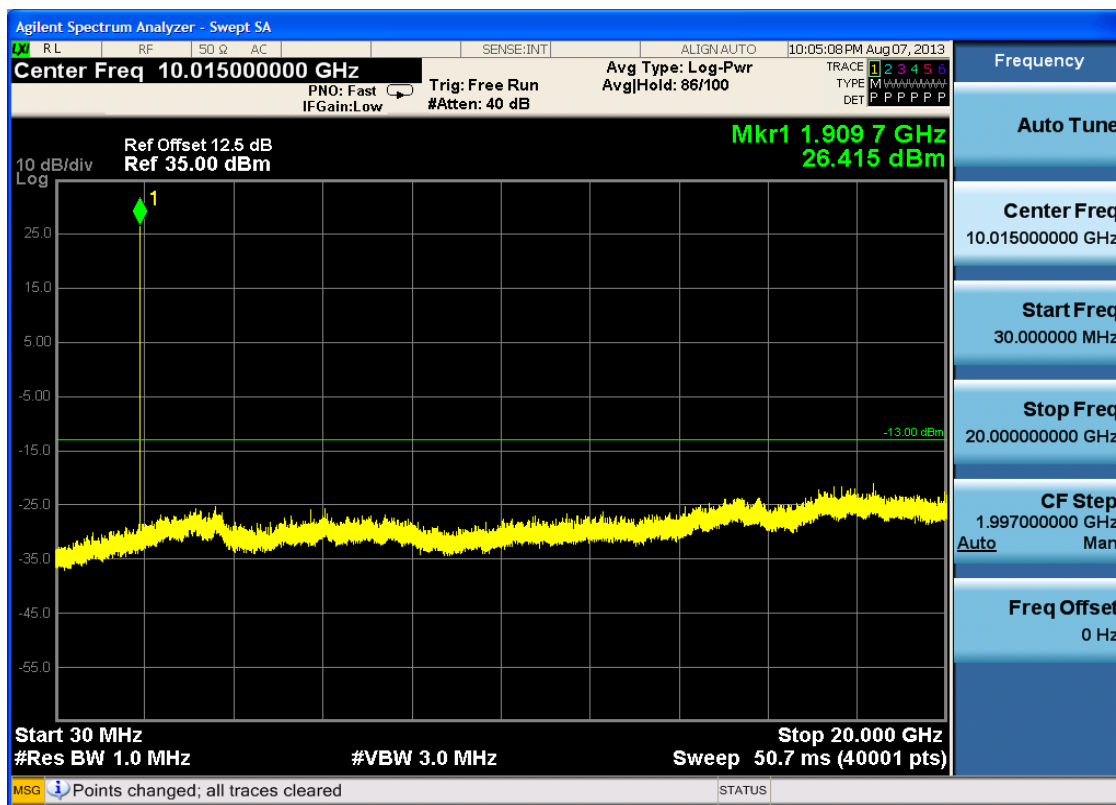




6.1.3.2.3 Test Channel = HCH



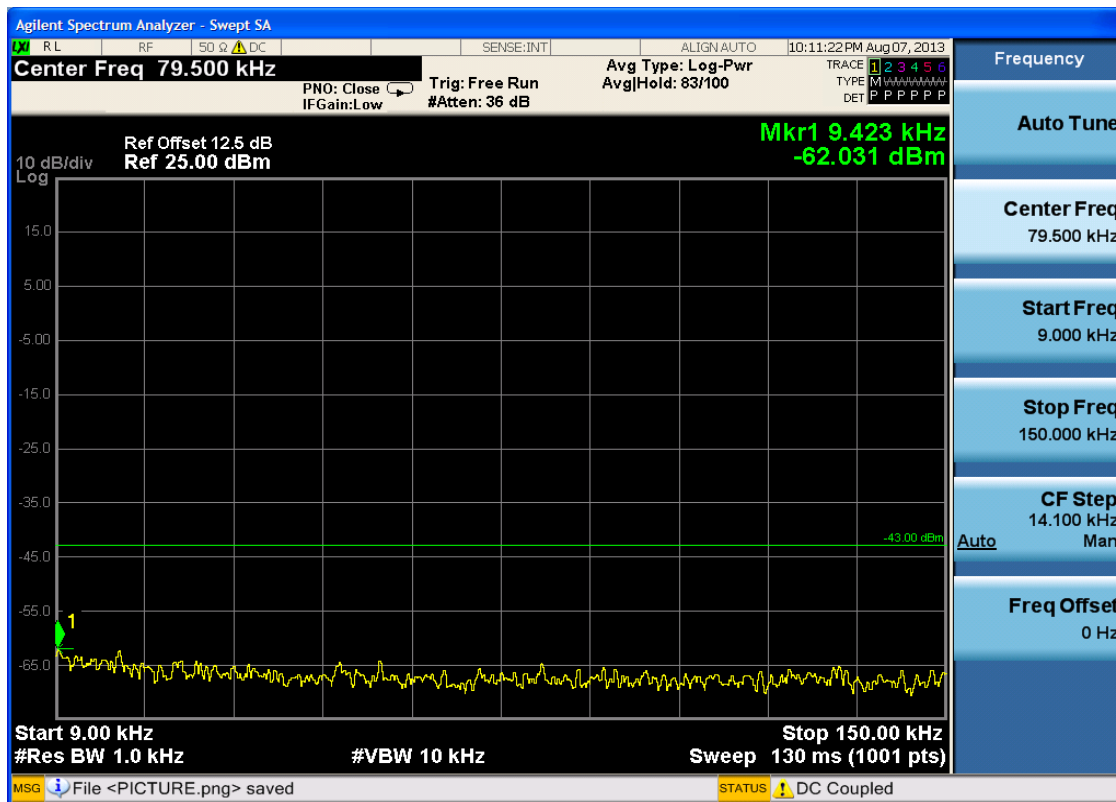


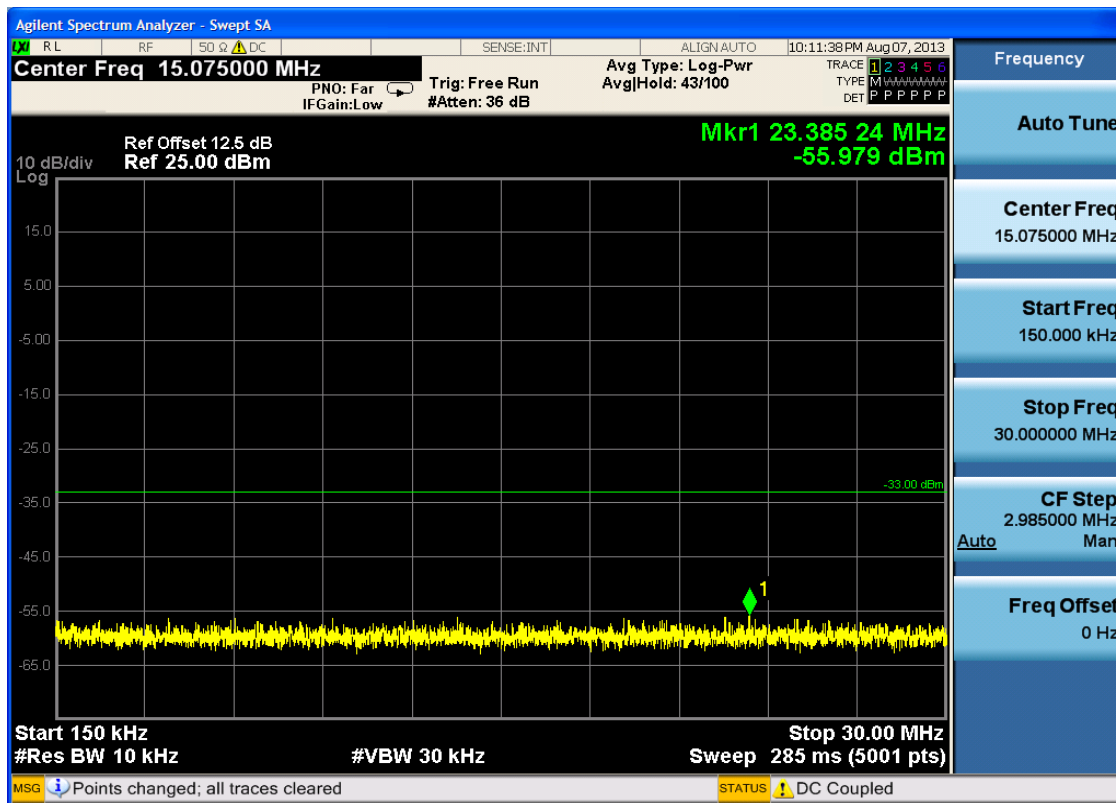


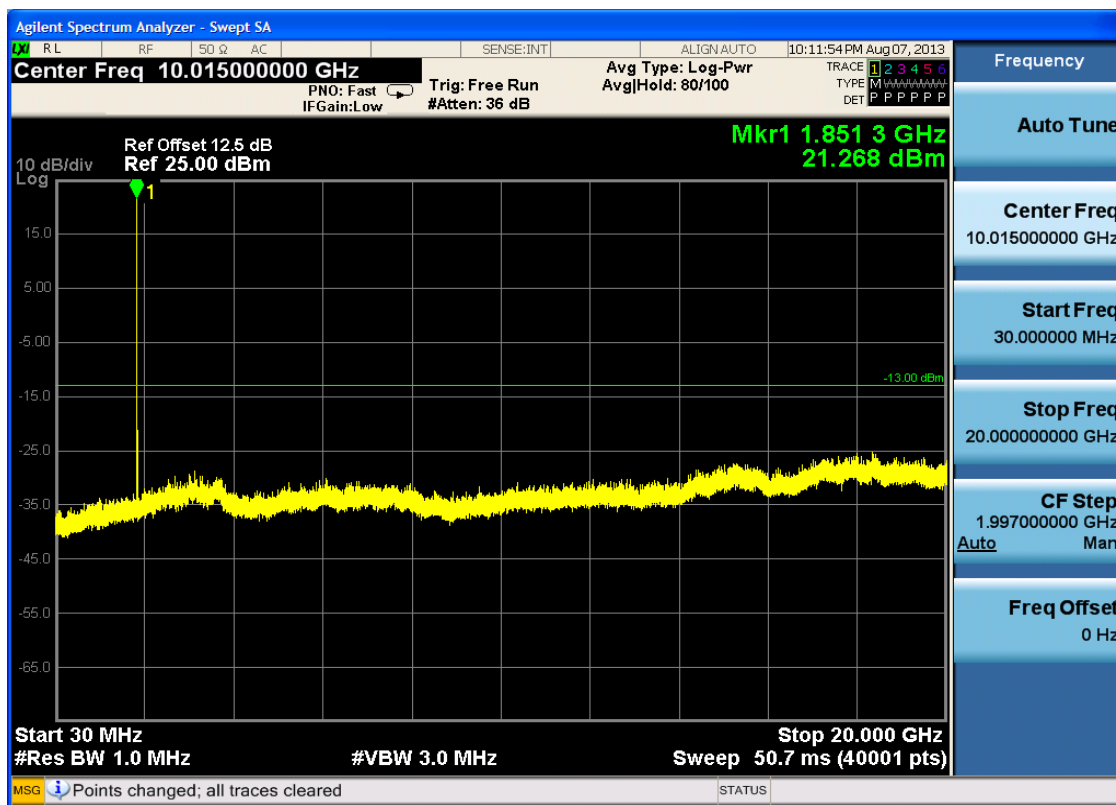
6.1.4 Test Band = WCDMA1900

6.1.4.1 Test Mode = UMTS/TM1

6.1.4.1.1 Test Channel = LCH

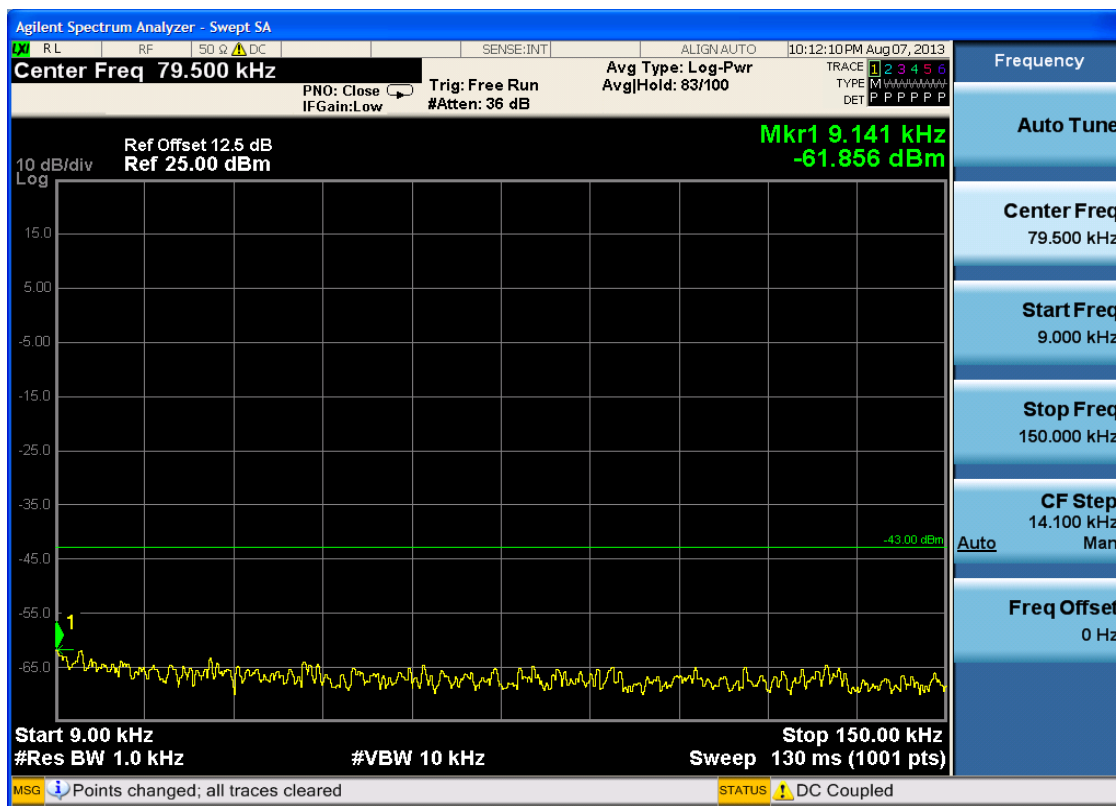


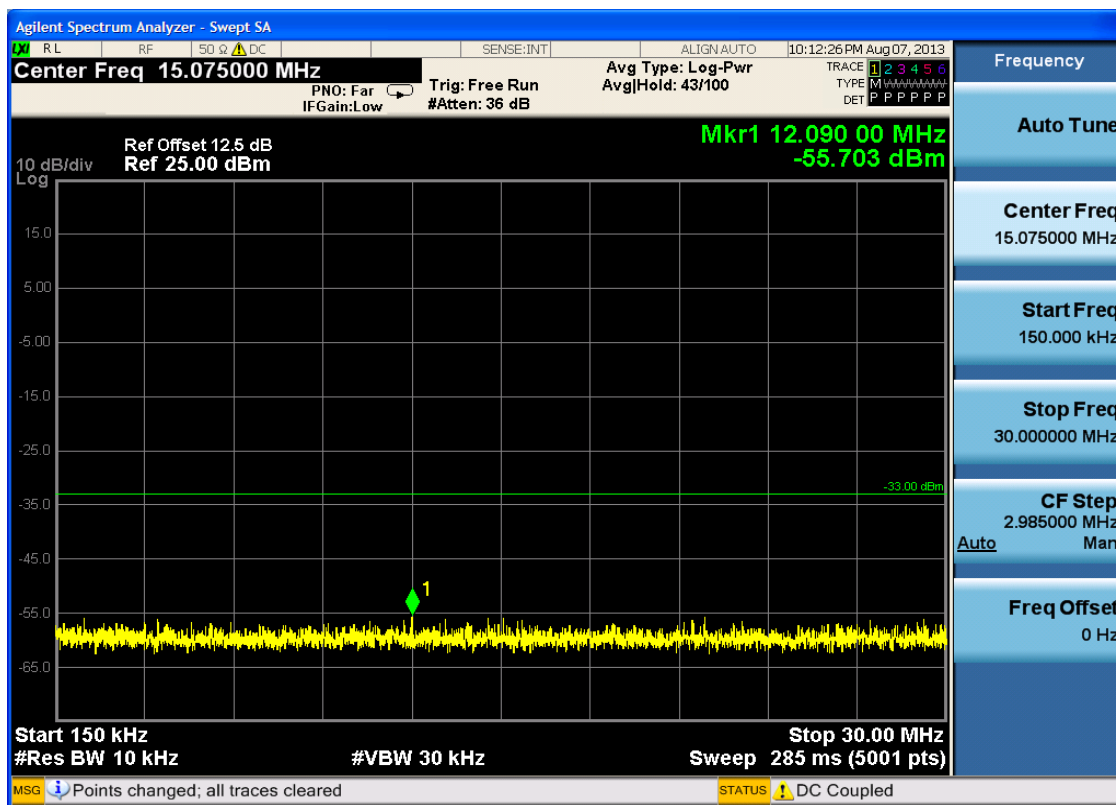


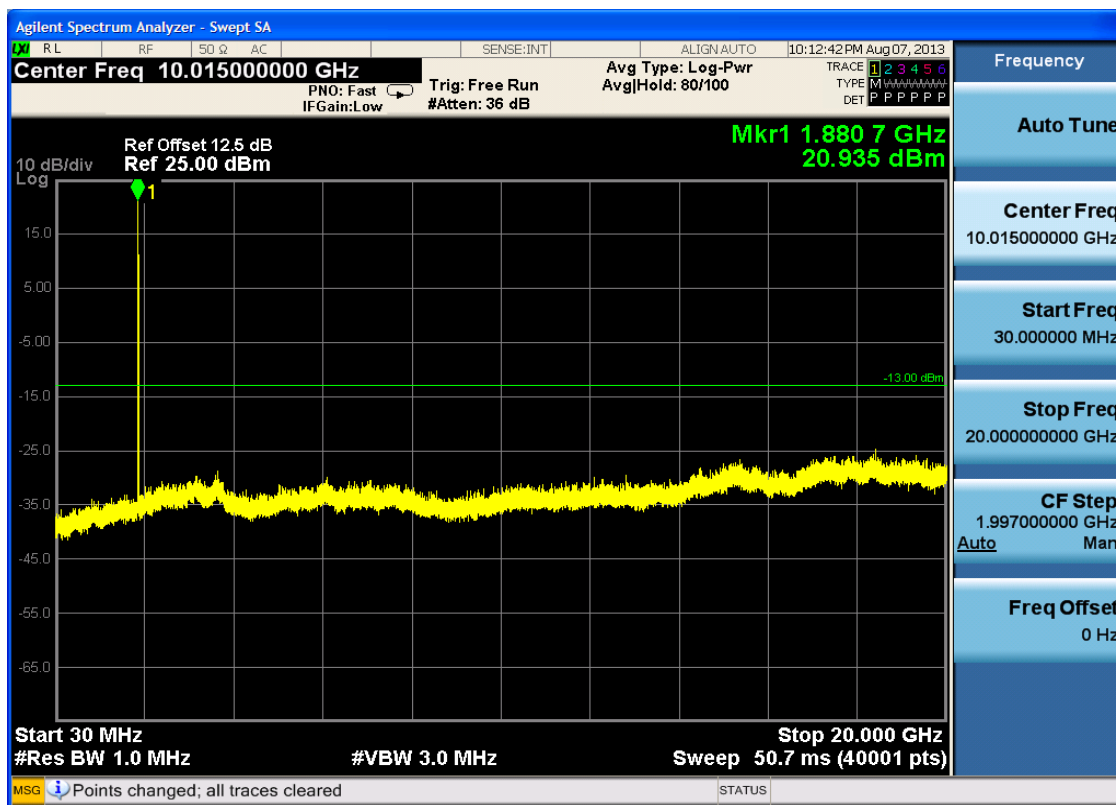




6.1.4.1.2 Test Channel = MCH

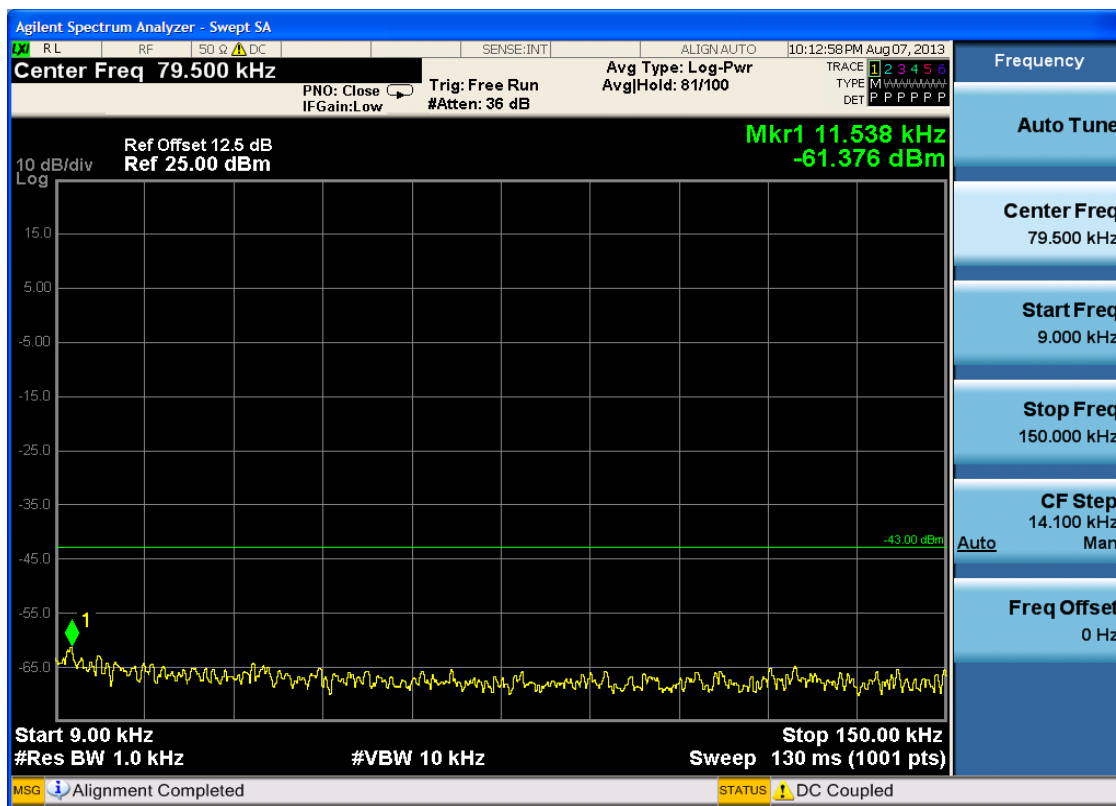


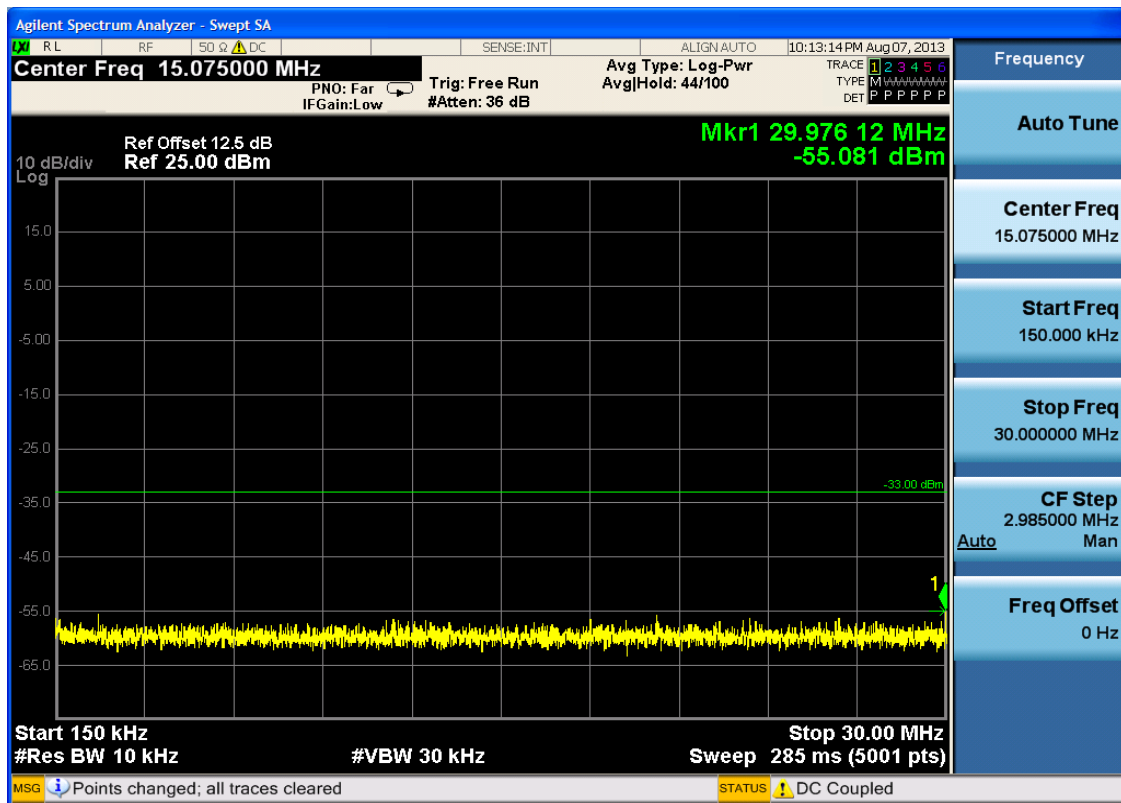


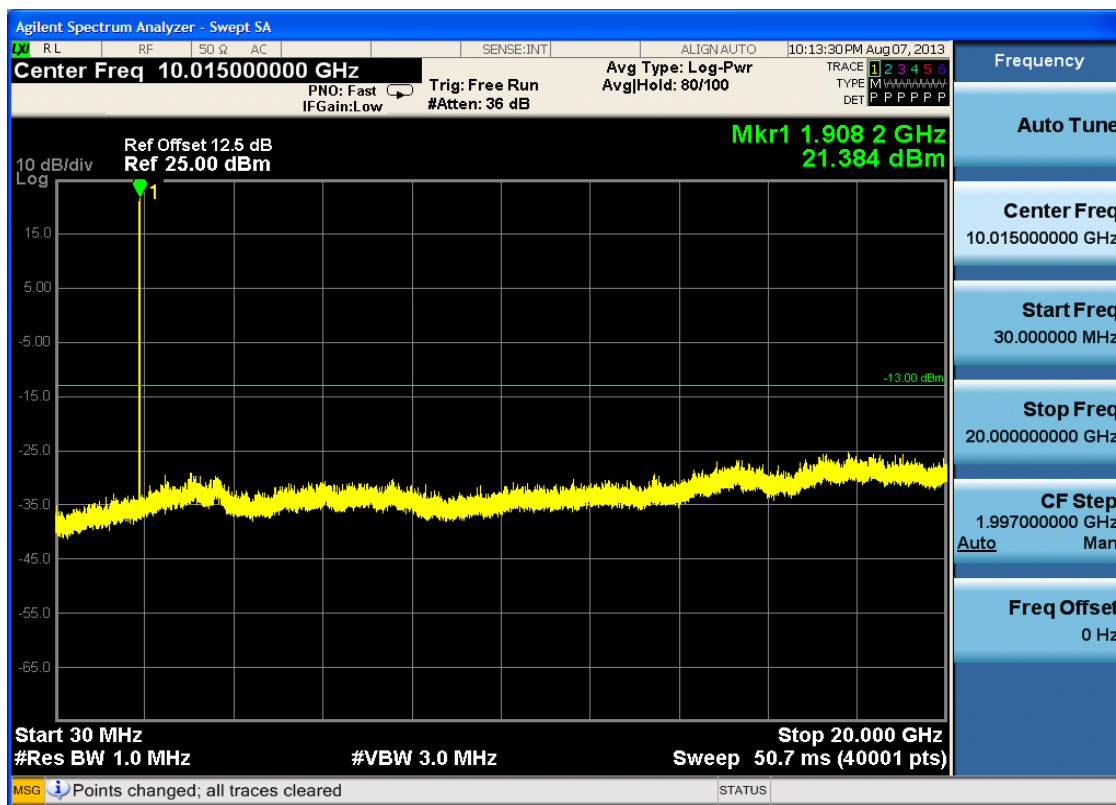




6.1.4.1.3 Test Channel = HCH







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

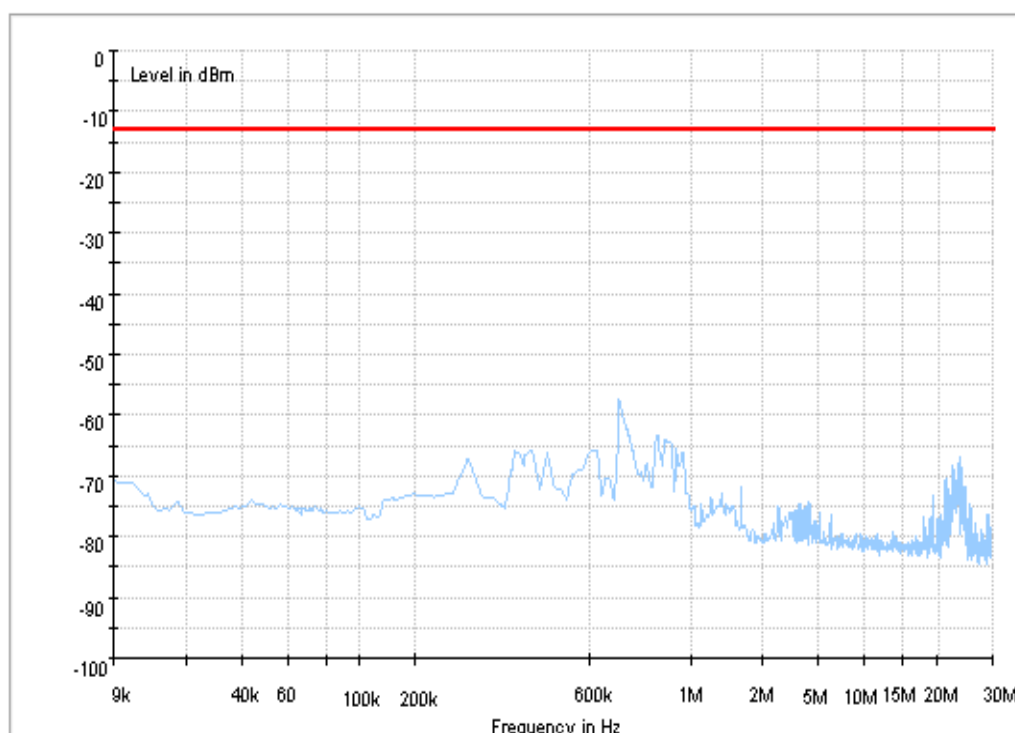
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

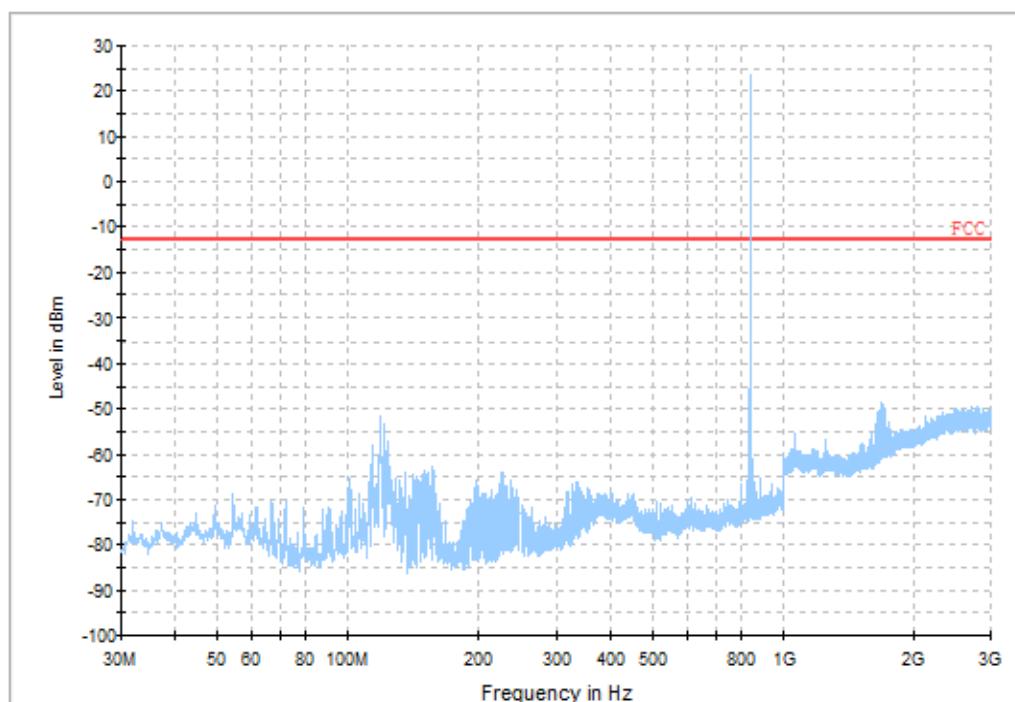
7.1 For GSM

7.1.1 Test Band = GSM850

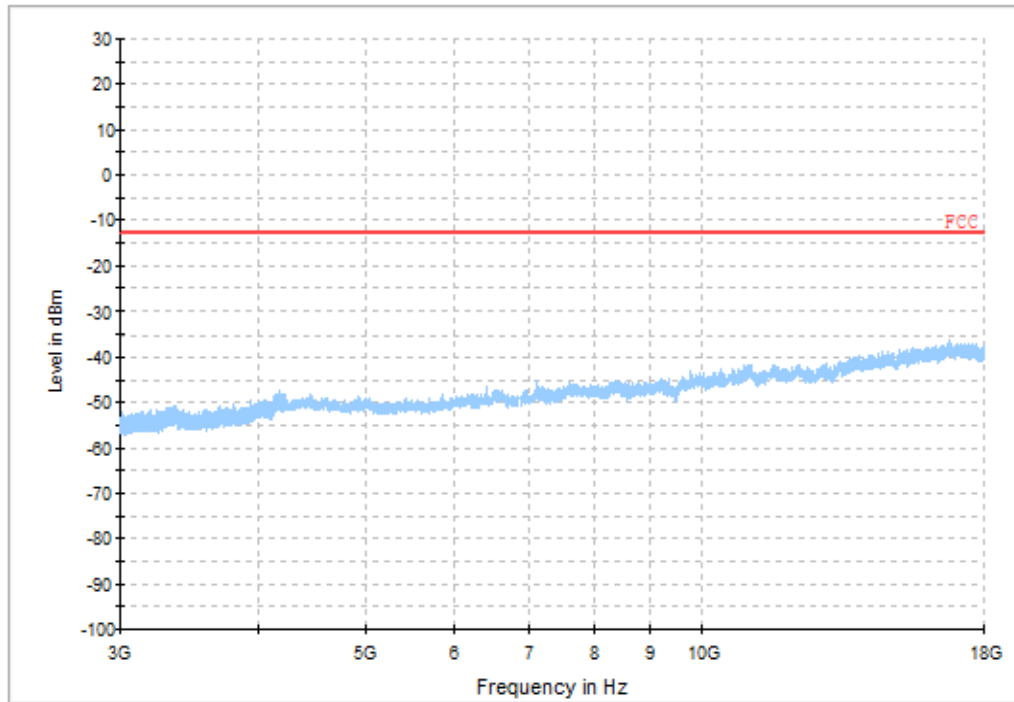
7.1.1.1 Test Mode = GSM/TM1



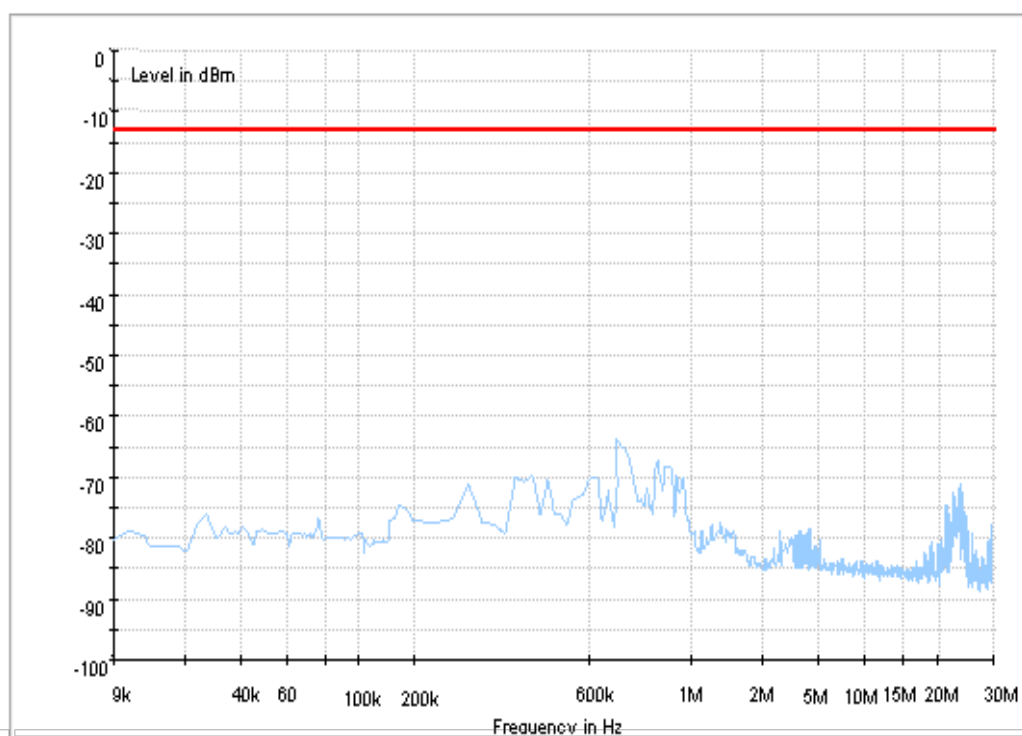
Copy of FCC PART22 GSM850_L



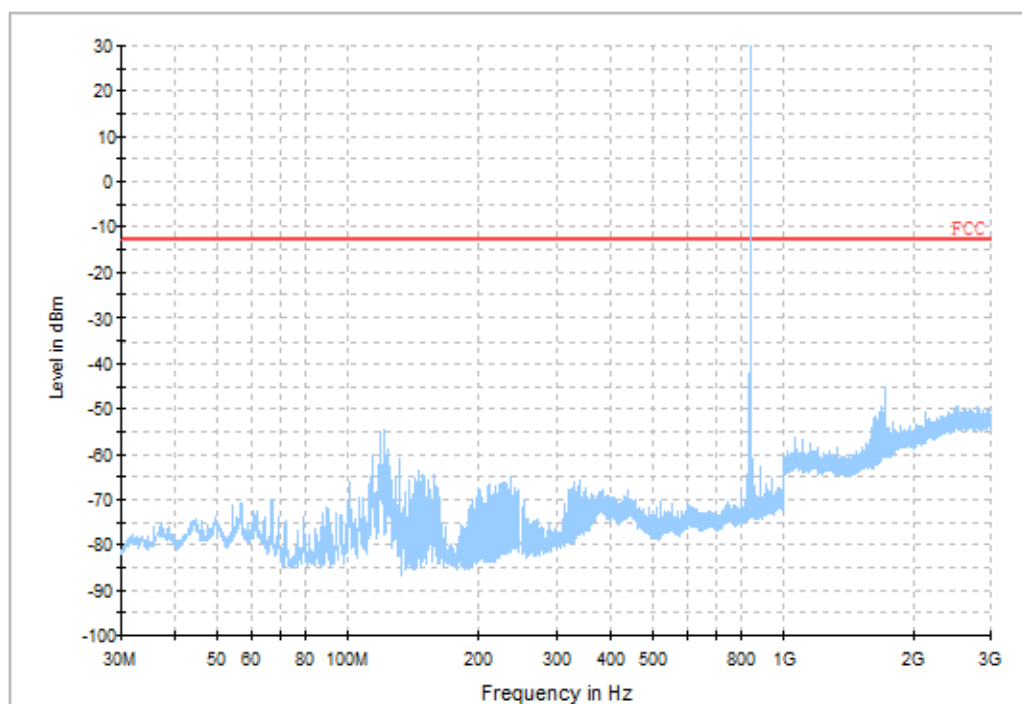
Copy of FCC PART22 GSM850_H



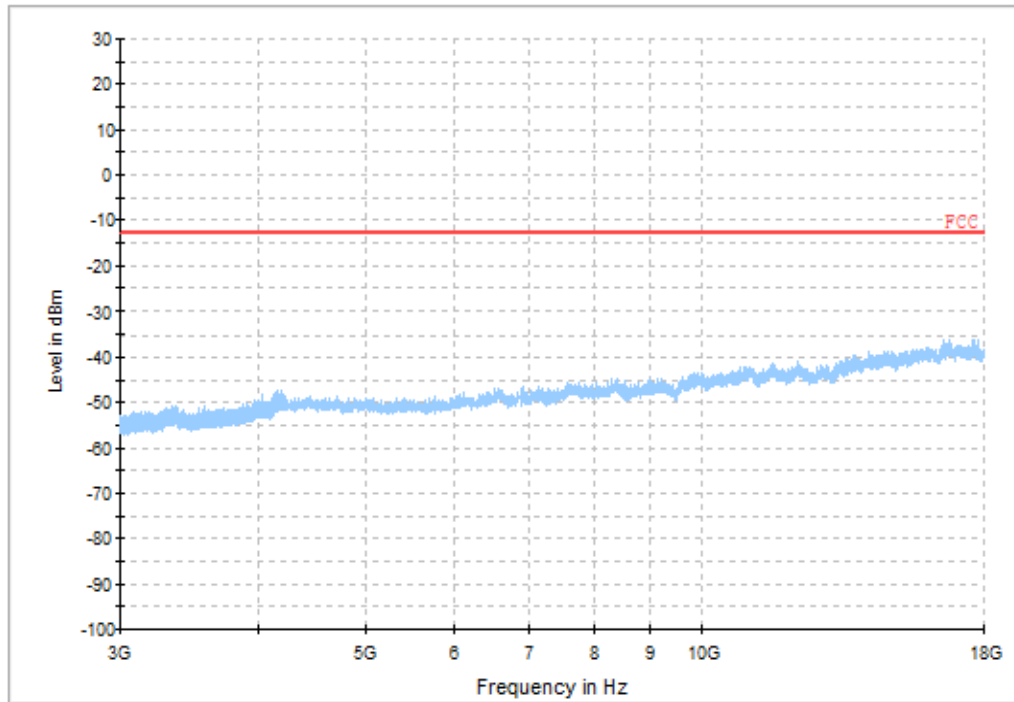
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

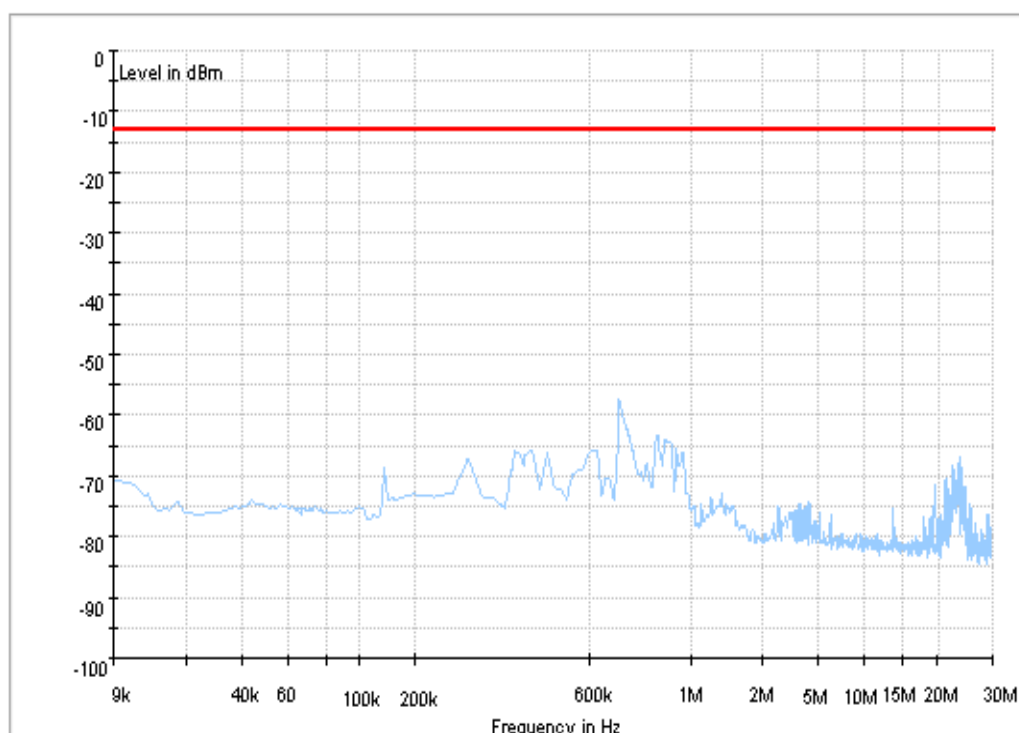


Copy of FCC PART22 GSM850_H

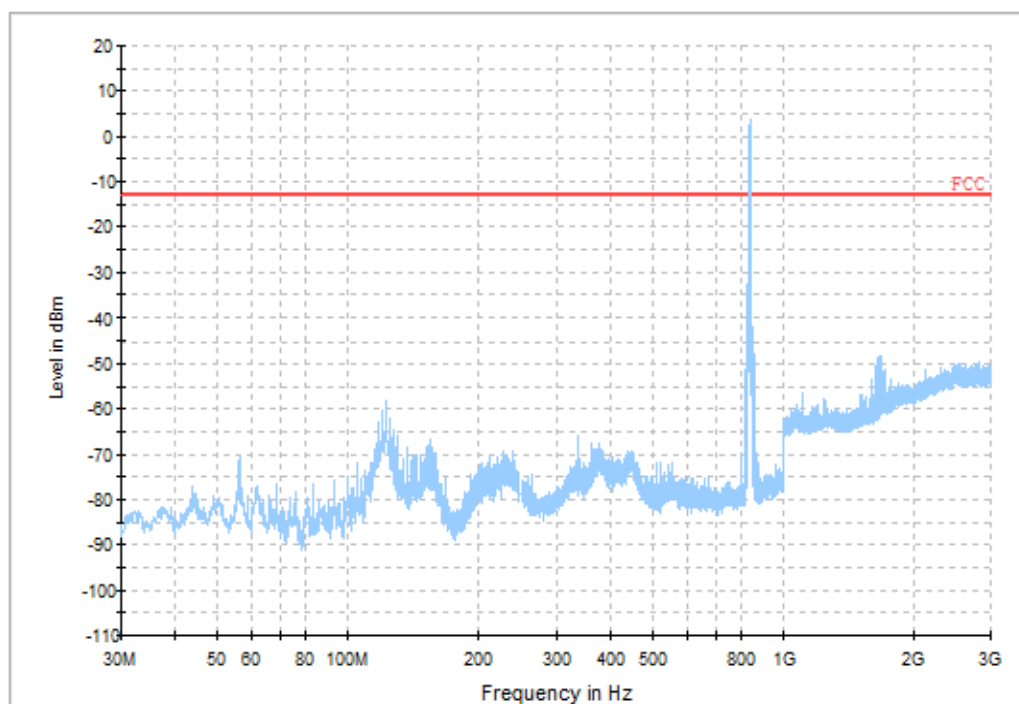


7.1.2 Test Band = WCDMA850

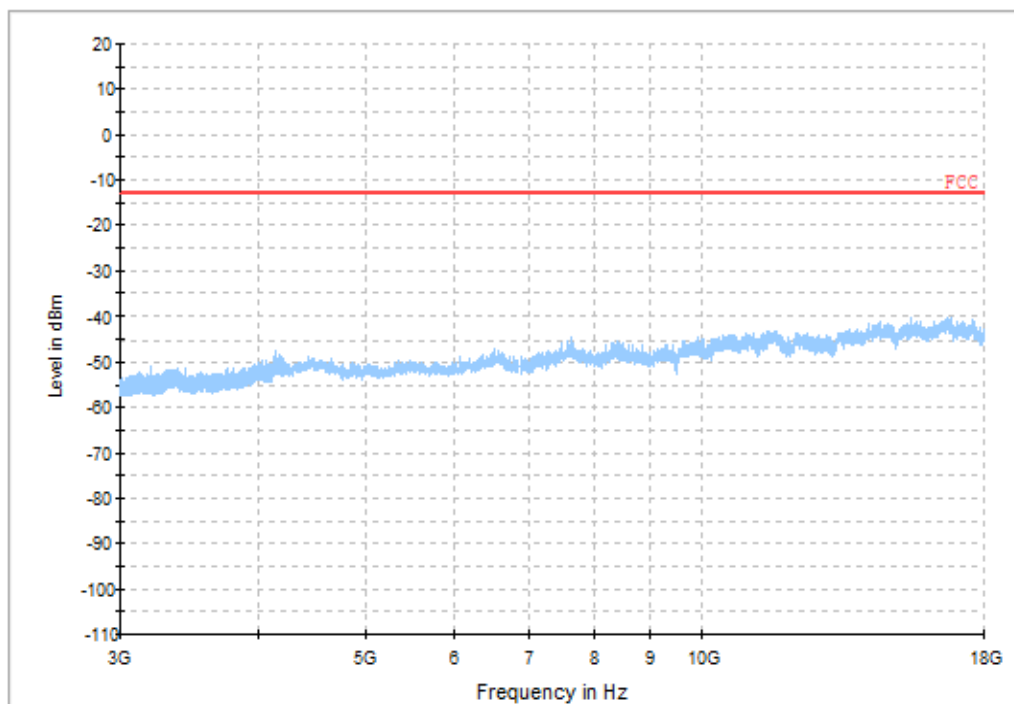
7.1.2.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

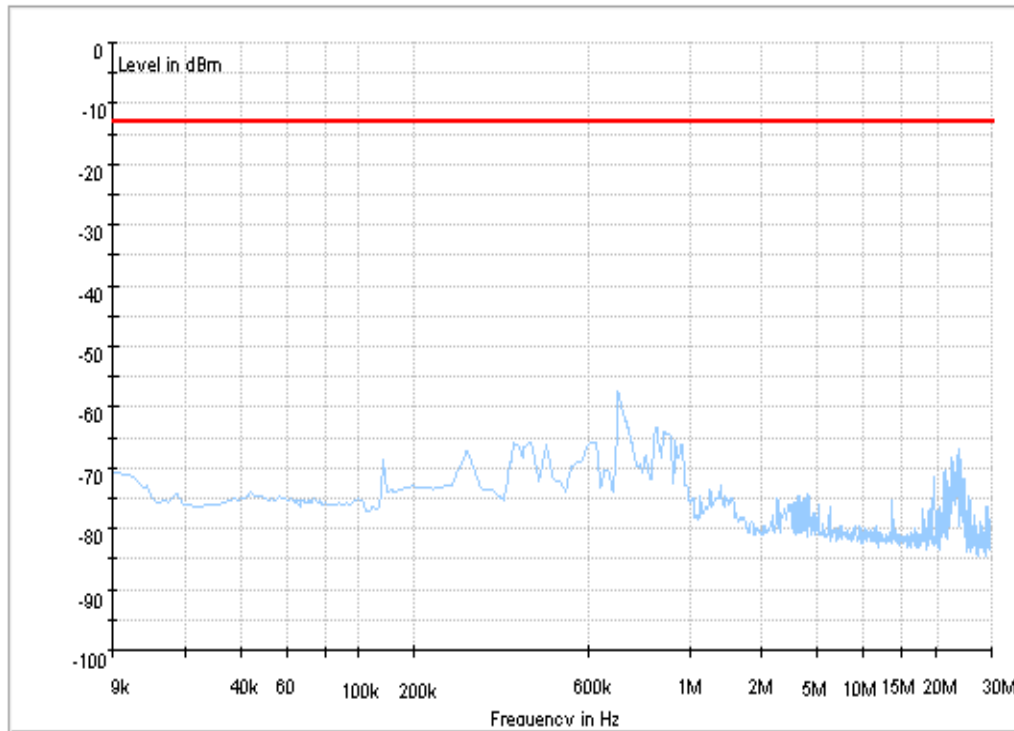


Copy of FCC PART22 WCDMA850_H

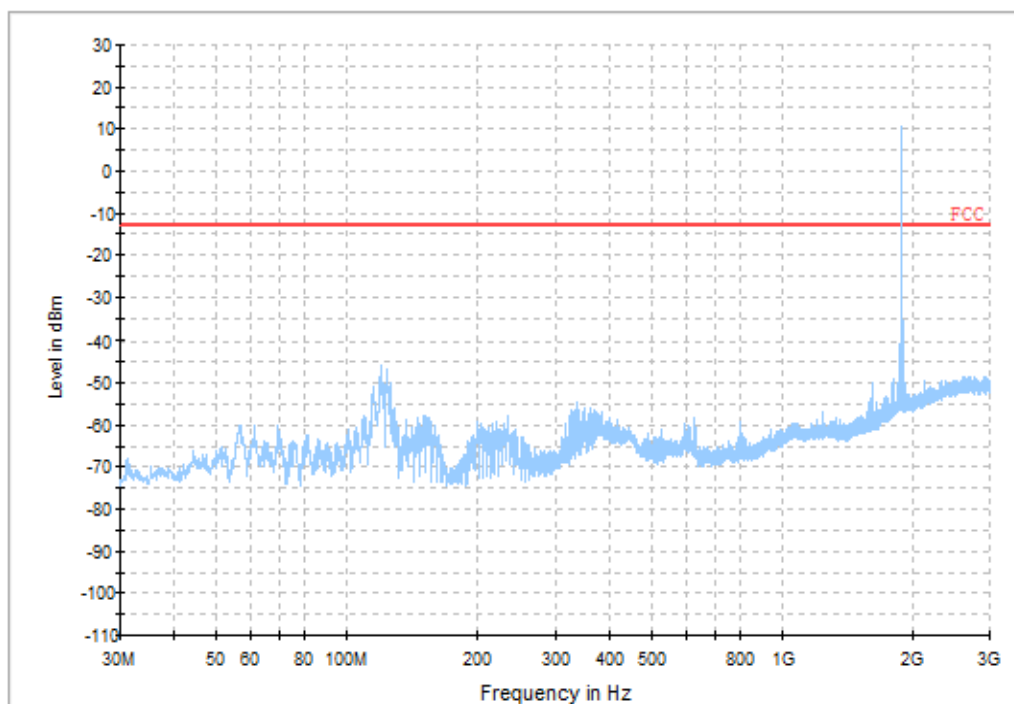


7.1.3 Test Band = GSM1900

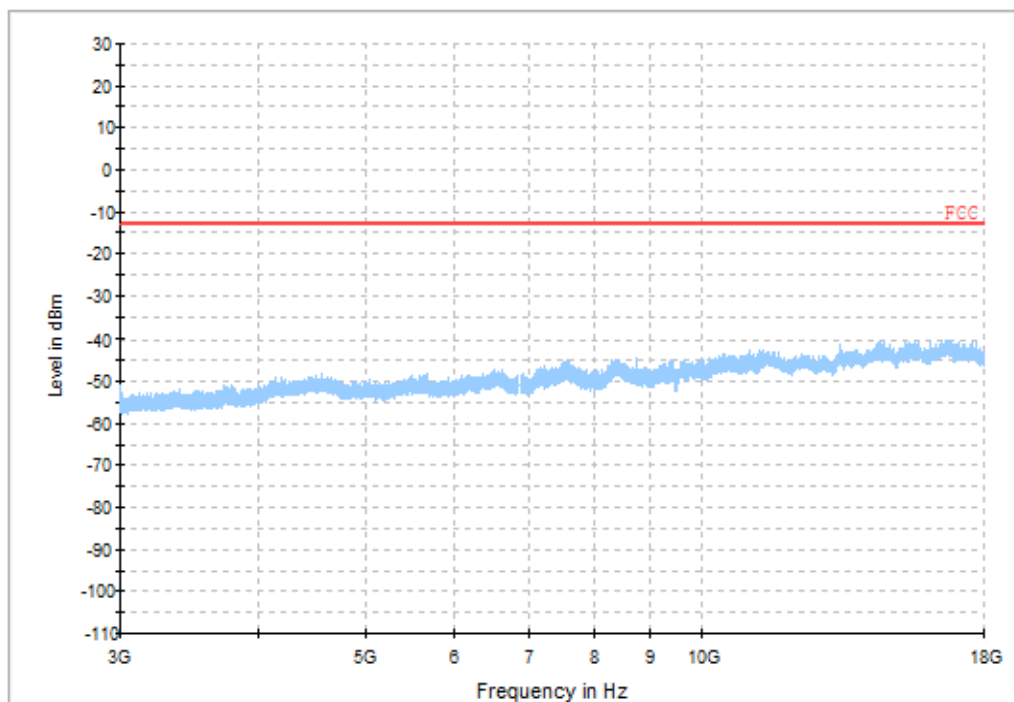
7.1.3.1 Test Mode = GSM/TM1

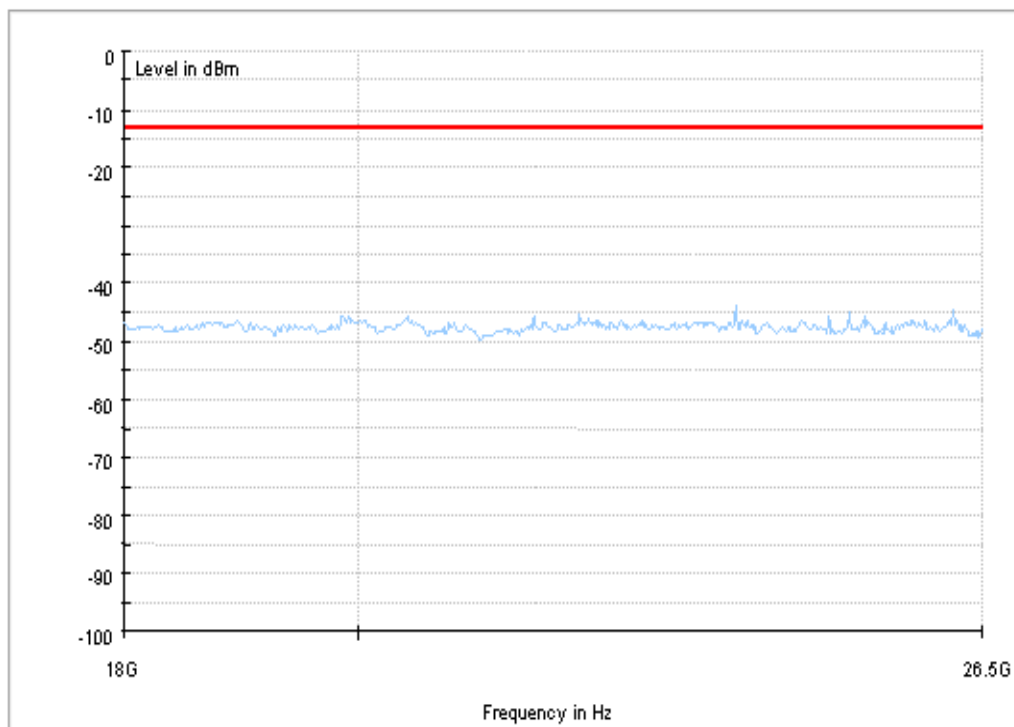


Copy of FCC PART24 GSM1900_L

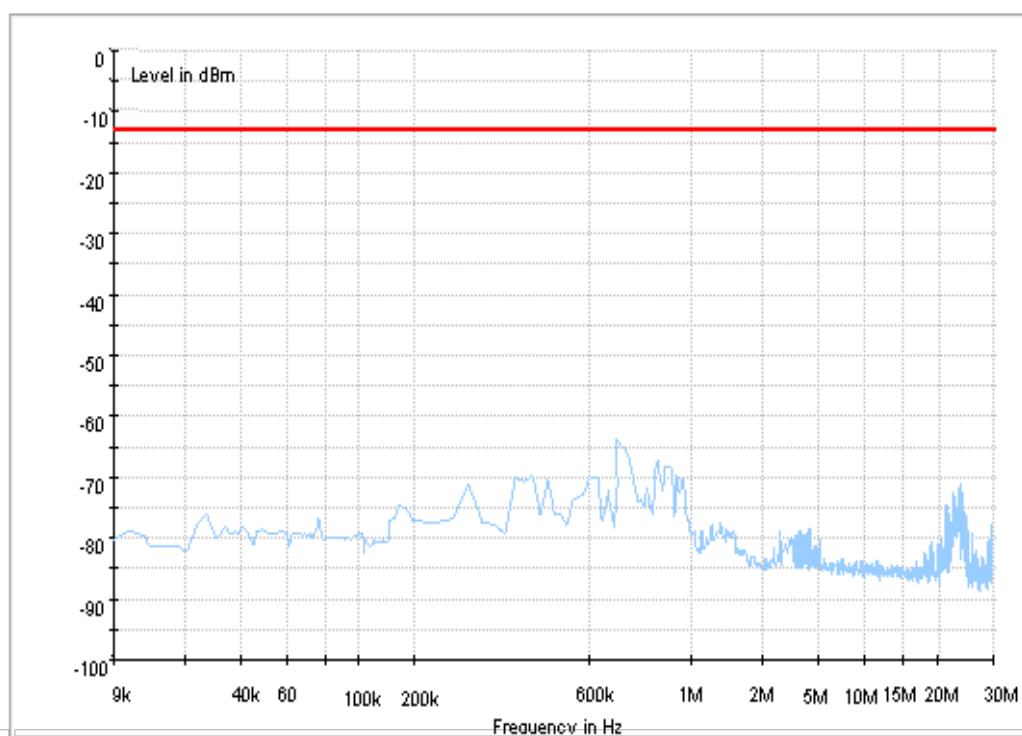


Copy of FCC PART24 GSM1900_H

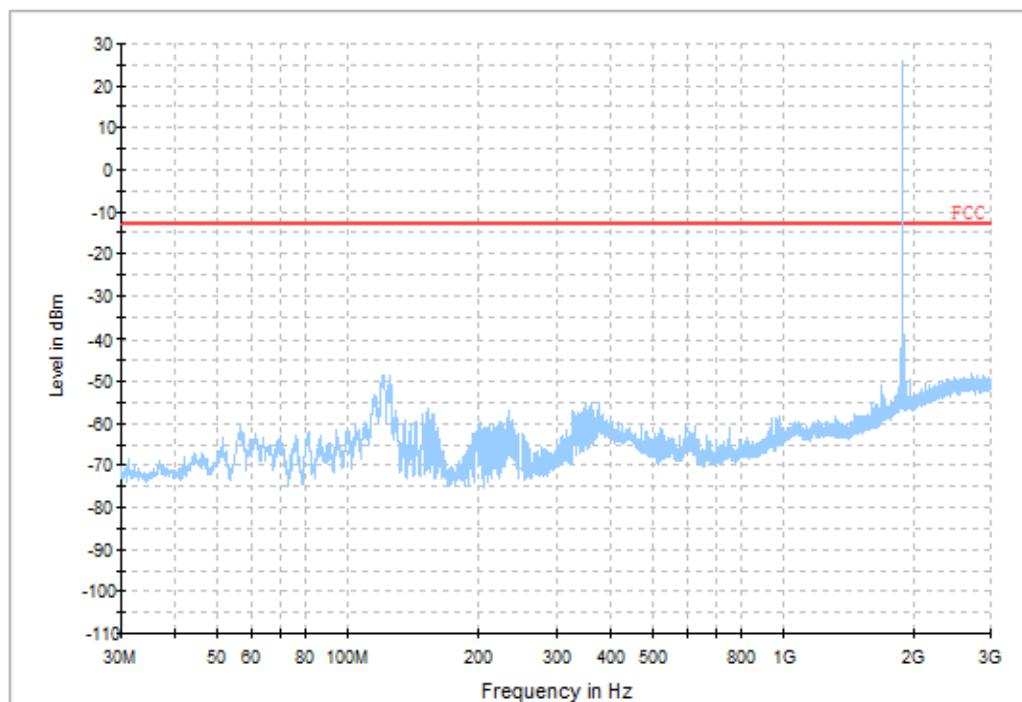




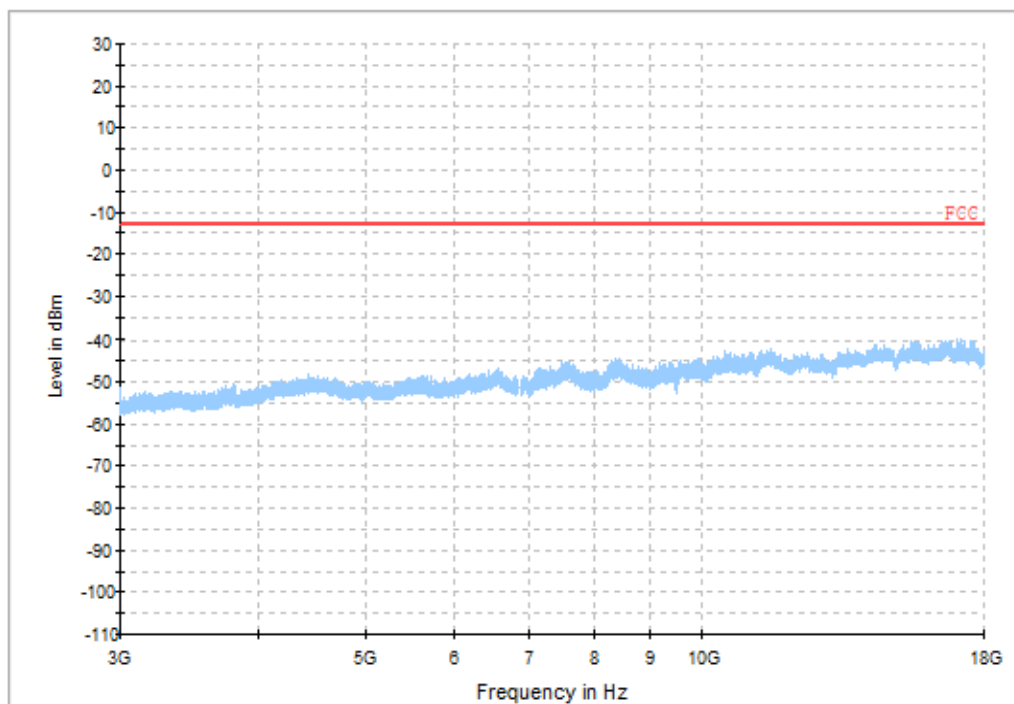
7.1.3.2 Test Mode = GSM/TM2

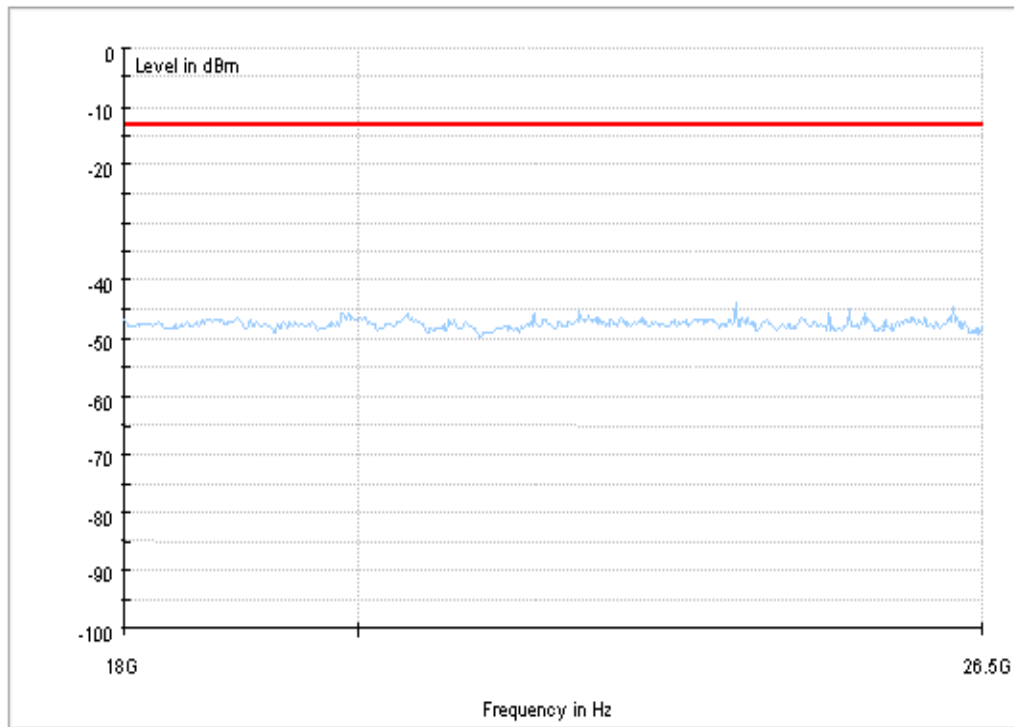


Copy of FCC PART24 GSM1900_L



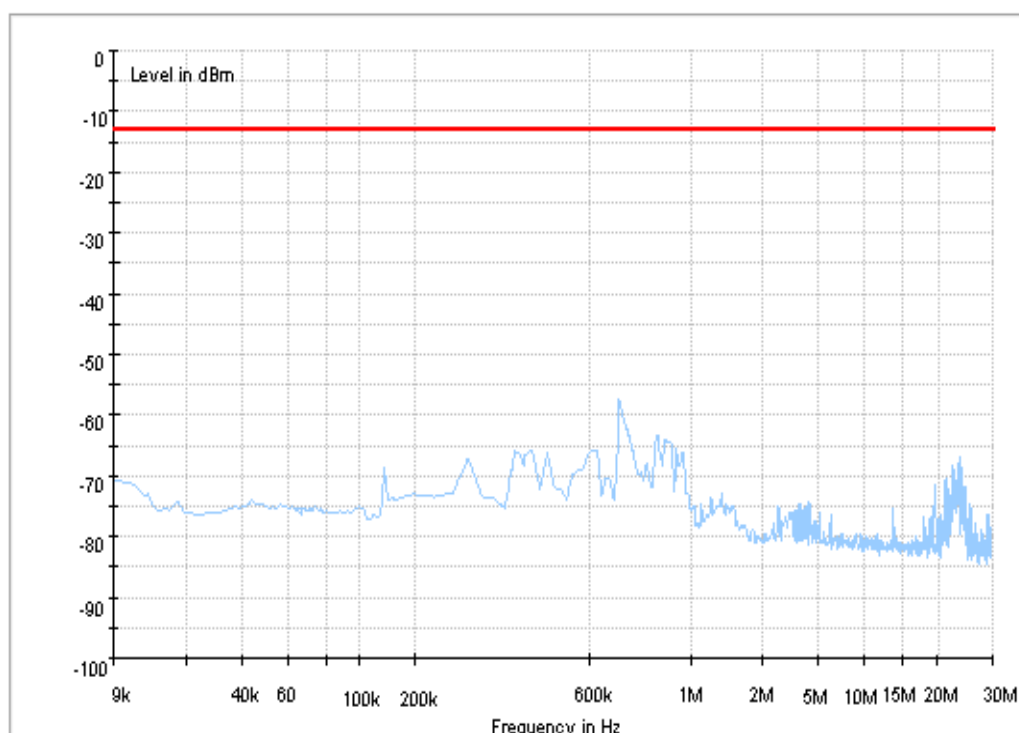
Copy of FCC PART24 GSM1900_H



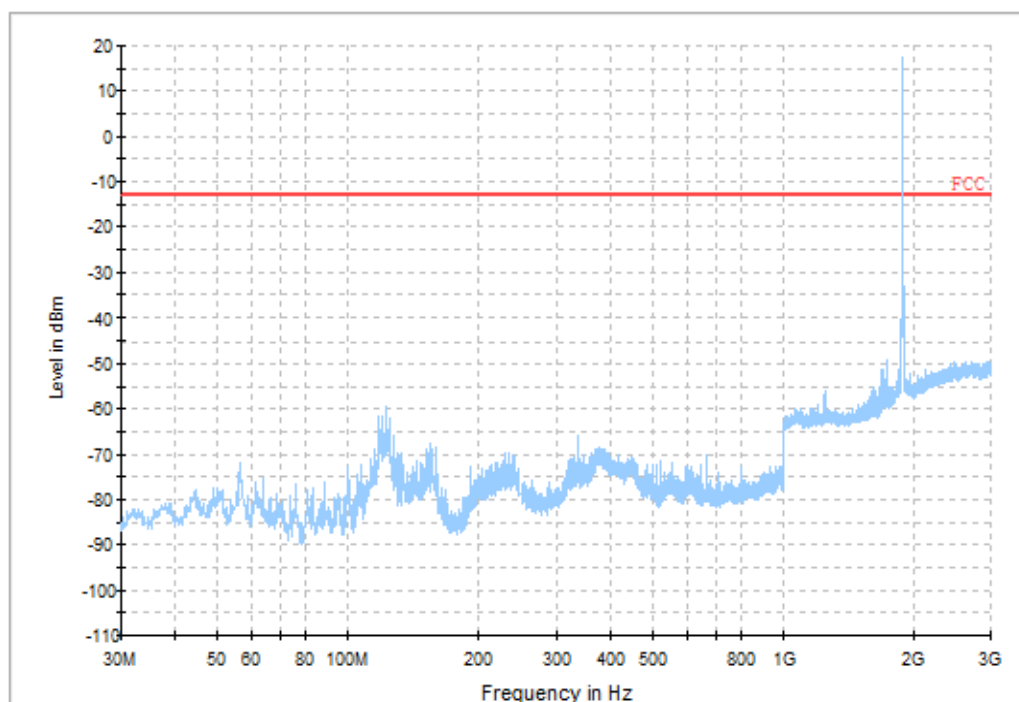


7.1.4 Test Band = WCDMA1900

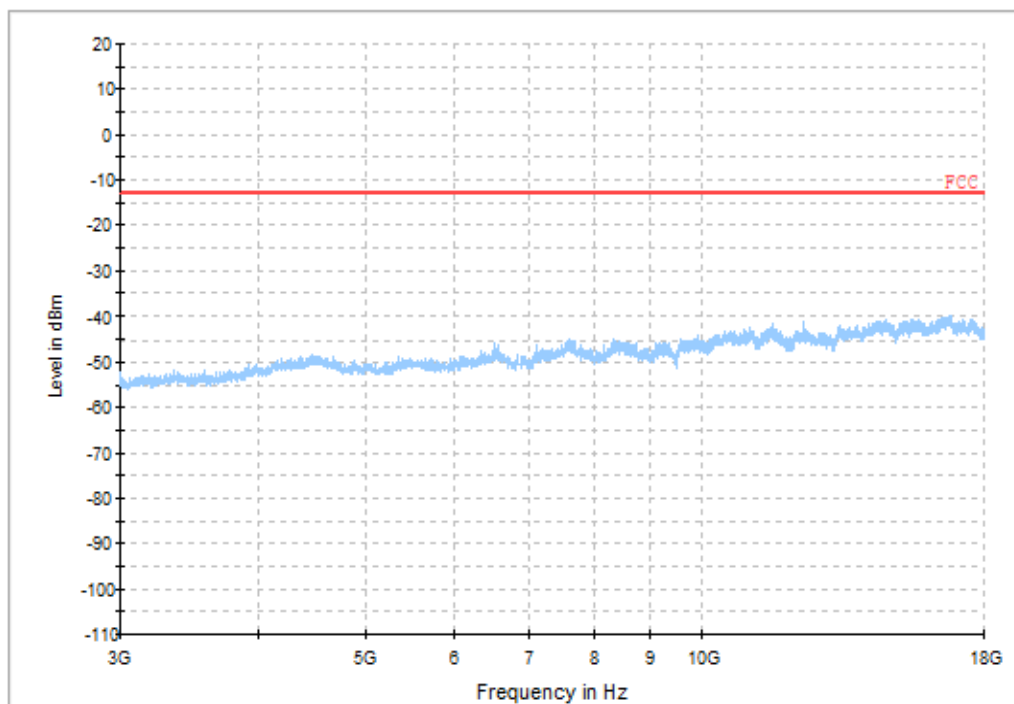
7.1.4.1 Test Mode = UMTS/TM1

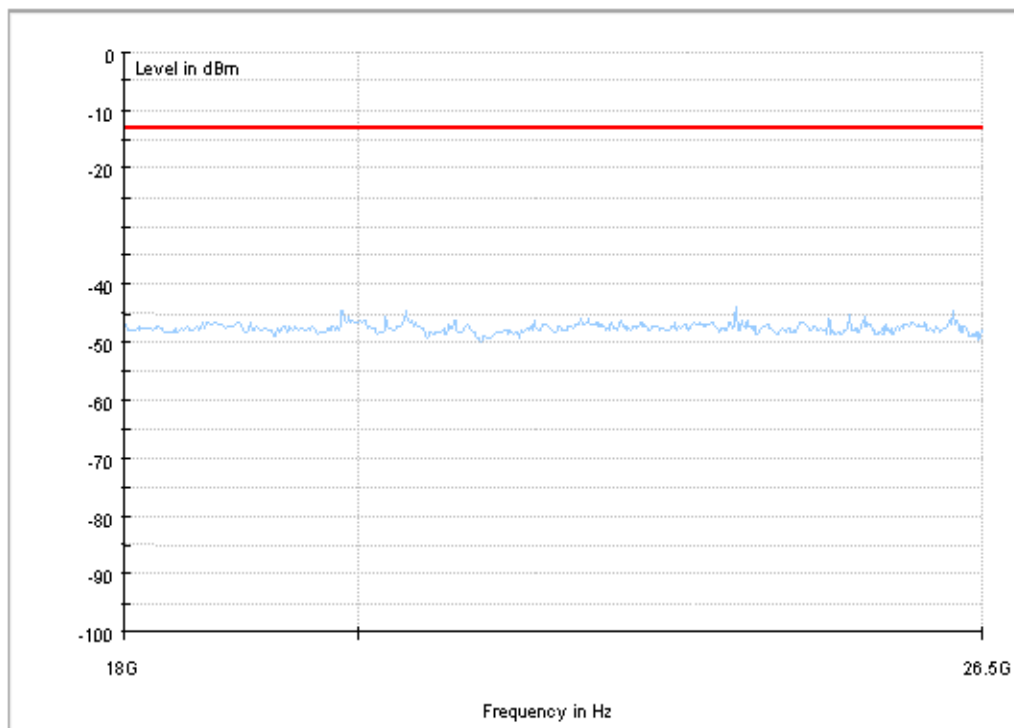


Copy of FCC PART24 WCDMA1900_L



Copy of FCC PART24 WCDMA1900_H





8Appendix_H: Frequency Stability

8.1 For GSM

8.1.1Frequency 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	-22.92	-0.02781	PASS
				VN	-22.21	-0.02695	PASS
				VH	-27.70	-0.03361	PASS
		MCH	TN	VL	-22.86	-0.02732	PASS
				VN	-21.70	-0.02594	PASS
				VH	-23.12	-0.02764	PASS
		HCH	TN	VL	-25.51	-0.03005	PASS
				VN	-21.95	-0.02586	PASS
				VH	-22.79	-0.02685	PASS



Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	GSM/TM2	LCH	TN	VL	-27.44	-0.03329	PASS
				VN	-32.64	-0.0396	PASS
				VH	-27.86	-0.0338	PASS
		MCH	TN	VL	-24.86	-0.02972	PASS
				VN	-27.64	-0.03304	PASS
				VH	-24.73	-0.02956	PASS
		HCH	TN	VL	-36.00	-0.04241	PASS
				VN	-28.80	-0.03393	PASS
				VH	-24.99	-0.02944	PASS
WCDMA850	UMTS/TM1	LCH	TN	VL	0.26	0.00031	PASS
				VN	3.27	0.00396	PASS
				VH	0.53	0.00064	PASS
		MCH	TN	VL	4.21	0.00503	PASS
				VN	8.70	0.0104	PASS
				VH	1.95	0.00233	PASS
		HCH	TN	VL	5.08	0.006	PASS
				VN	6.58	0.00777	PASS
				VH	6.91	0.00816	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-65.28	-0.03528	PASS
				VN	-52.17	-0.0282	PASS
				VH	-51.79	-0.02799	PASS
		MCH	TN	VL	-26.80	-0.01426	PASS
				VN	-31.64	-0.01683	PASS
				VH	-33.96	-0.01806	PASS
		HCH	TN	VL	-55.92	-0.02928	PASS
				VN	-47.01	-0.02462	PASS
				VH	-49.85	-0.0261	PASS
	GSM/TM2	LCH	TN	VL	-53.30	-0.02881	PASS
				VN	-76.58	-0.04139	PASS
				VH	-66.61	-0.036	PASS
		MCH	TN	VL	-21.18	-0.01127	PASS
				VN	-36.58	-0.01946	PASS
				VH	-39.71	-0.02112	PASS
		HCH	TN	VL	-56.50	-0.02958	PASS
				VN	-37.23	-0.01949	PASS
				VH	-62.83	-0.0329	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	-1.56	-0.00084	PASS
				VN	-7.35	-0.00397	PASS
				VH	-0.85	-0.00046	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		MCH	TN	VL	-13.73	-0.0073	PASS
				VN	-4.65	-0.00247	PASS
				VH	-0.26	-0.00014	PASS
		HCH	TN	VL	-4.07	-0.00213	PASS
				VN	-3.66	-0.00192	PASS
				VH	-0.89	-0.00047	PASS

8.1.2Frequency 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	-22.54	-0.02735	PASS
				-20	-22.60	-0.02742	PASS
				-10	-27.31	-0.03314	PASS
				0	-23.12	-0.02805	PASS
				10	-23.76	-0.02883	PASS
				20	-24.99	-0.03032	PASS
				30	-26.15	-0.03173	PASS
				40	-23.76	-0.02883	PASS
				50	-24.28	-0.02946	PASS
		MCH	VN	-30	-21.18	-0.02532	PASS
				-20	-20.60	-0.02462	PASS
				-10	-21.05	-0.02516	PASS
				0	-19.11	-0.02284	PASS
				10	-21.83	-0.02609	PASS
				20	-19.44	-0.02324	PASS
				30	-21.57	-0.02578	PASS
				40	-18.73	-0.02239	PASS
				50	-27.25	-0.03257	PASS
		HCH	VN	-30	-29.06	-0.03424	PASS
				-20	-21.31	-0.02511	PASS
				-10	-25.70	-0.03028	PASS
				0	-25.57	-0.03012	PASS
				10	-21.89	-0.02579	PASS
				20	-25.51	-0.03005	PASS
				30	-26.35	-0.03104	PASS
				40	-24.47	-0.02883	PASS
				50	-24.99	-0.02944	PASS
	GSM/TM2	LCH	VN	-30	-30.96	-0.03756	PASS
				-20	-36.19	-0.04391	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-10	-29.44	-0.03572	PASS
				0	-31.19	-0.03784	PASS
				10	-31.28	-0.03795	PASS
				20	-29.61	-0.03593	PASS
				30	-35.06	-0.04254	PASS
				40	-33.64	-0.04082	PASS
				50	-37.23	-0.04517	PASS
		MCH	VN	-30	-17.56	-0.02099	PASS
				-20	-29.28	-0.035	PASS
				-10	-18.40	-0.02199	PASS
				0	-25.02	-0.02991	PASS
				10	-33.45	-0.03998	PASS
				20	-29.41	-0.03515	PASS
				30	-18.50	-0.02211	PASS
				40	-21.47	-0.02566	PASS
				50	-30.15	-0.03604	PASS
		HCH	VN	-30	-32.12	-0.03784	PASS
				-20	-34.55	-0.0407	PASS
				-10	-32.32	-0.03808	PASS
				0	-31.54	-0.03716	PASS
				10	-28.80	-0.03393	PASS
				20	-30.77	-0.03625	PASS
				30	-32.06	-0.03777	PASS
				40	-40.74	-0.048	PASS
				50	-24.31	-0.02864	PASS
WCDMA850	UMTS/TM1	LCH	VN	-30	-0.15	-0.00018	PASS
				-20	2.15	0.0026	PASS
				-10	-3.13	-0.00379	PASS
				0	2.18	0.00264	PASS
				10	-2.06	-0.00249	PASS
				20	0.67	0.00081	PASS
				30	4.03	0.00488	PASS
				40	-5.43	-0.00657	PASS
				50	-5.22	-0.00632	PASS
		MCH	VN	-30	-3.83	-0.00458	PASS
				-20	5.20	0.00622	PASS
				-10	3.10	0.00371	PASS
				0	2.49	0.00298	PASS
				10	2.15	0.00257	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				20	3.48	0.00416	PASS
				30	21.29	0.02545	PASS
				40	2.90	0.00347	PASS
				50	2.00	0.00239	PASS
		HCH	VN	-30	1.08	0.00128	PASS
				-20	1.34	0.00158	PASS
				-10	6.09	0.00719	PASS
				0	-2.09	-0.00247	PASS
				10	7.25	0.00856	PASS
				20	-3.85	-0.00455	PASS
				30	0.63	0.00074	PASS
				40	7.16	0.00846	PASS
				50	4.79	0.00566	PASS
GSM1900	GSM/TM1	LCH	VN	-30	-54.95	-0.0297	PASS
				-20	-50.43	-0.02726	PASS
				-10	-45.78	-0.02474	PASS
				0	-60.57	-0.03274	PASS
				10	-52.11	-0.02816	PASS
				20	-45.65	-0.02467	PASS
				30	-56.37	-0.03047	PASS
				40	-53.66	-0.029	PASS
				50	-48.17	-0.02604	PASS
		MCH	VN	-30	-27.70	-0.01473	PASS
				-20	-30.03	-0.01597	PASS
				-10	-35.58	-0.01893	PASS
				0	-26.41	-0.01405	PASS
				10	-33.32	-0.01772	PASS
				20	-31.77	-0.0169	PASS
				30	-30.15	-0.01604	PASS
				40	-29.32	-0.0156	PASS
				50	-28.93	-0.01539	PASS
		HCH	VN	-30	-46.94	-0.02458	PASS
				-20	-48.95	-0.02563	PASS
				-10	-49.53	-0.02593	PASS
				0	-46.43	-0.02431	PASS
				10	-46.69	-0.02445	PASS
				20	-43.26	-0.02265	PASS
				30	-39.65	-0.02076	PASS
				40	-52.88	-0.02769	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	GSM/TM2	LCH	VN	50	-46.17	-0.02418	PASS
				-30	-65.06	-0.03516	PASS
				-20	-62.05	-0.03354	PASS
				-10	-66.19	-0.03577	PASS
				0	-57.82	-0.03125	PASS
				10	-46.59	-0.02518	PASS
				20	-69.90	-0.03778	PASS
				30	-77.23	-0.04174	PASS
				40	-65.06	-0.03516	PASS
				50	-71.32	-0.03855	PASS
		MCH	VN	-30	-41.91	-0.02229	PASS
				-20	-34.93	-0.01858	PASS
				-10	-39.52	-0.02102	PASS
				0	-38.19	-0.02031	PASS
				10	-47.07	-0.02504	PASS
				20	-36.06	-0.01918	PASS
				30	-37.71	-0.02006	PASS
				40	-48.62	-0.02586	PASS
				50	-42.52	-0.02262	PASS
		HCH	VN	-30	-54.18	-0.02837	PASS
				-20	-57.66	-0.03019	PASS
				-10	-58.53	-0.03065	PASS
				0	-48.11	-0.02519	PASS
				10	-52.82	-0.02766	PASS
				20	-66.83	-0.03499	PASS
				30	-51.40	-0.02691	PASS
				40	-47.59	-0.02492	PASS
				50	-50.24	-0.02631	PASS
WCDMA1900	UMTS/TM1	LCH	VN	-30	0.27	0.00015	PASS
				-20	-6.94	-0.00375	PASS
				-10	-12.13	-0.00655	PASS
				0	-4.58	-0.00247	PASS
				10	-1.97	-0.00106	PASS
				20	9.38	0.00506	PASS
				30	-0.43	-0.00023	PASS
				40	0.95	0.00051	PASS
				50	-5.16	-0.00279	PASS
		MCH	VN	-30	-9.37	-0.00498	PASS
				-20	-1.27	-0.00068	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-10	-2.08	-0.00111	PASS
				0	-1.50	-0.0008	PASS
				10	-1.21	-0.00064	PASS
				20	-11.99	-0.00638	PASS
				30	-5.62	-0.00299	PASS
				40	0.61	0.00032	PASS
		HCH	VN	50	-8.80	-0.00468	PASS
				-30	-6.81	-0.00357	PASS
				-20	-5.57	-0.00292	PASS
				-10	-5.74	-0.00301	PASS
				0	-3.30	-0.00173	PASS
				10	-4.15	-0.00218	PASS
				20	-8.12	-0.00426	PASS
				30	-4.38	-0.0023	PASS
				40	25.56	0.0134	PASS
				50	1.08	0.00057	PASS

END