



Appendix for Test Report



1 Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dBm]	ERP[dBm]	Limit [dBm]	Verdict
GSM850	GSM/TM1	LCH	32.33	28.04	38.5	PASS
		MCH	32.32	27.98	38.5	PASS
		HCH	32.28	27.92	38.5	PASS
	GSM/TM2	LCH	25.89	21.68	38.5	PASS
		MCH	26.02	21.96	38.5	PASS
		HCH	26.02	21.58	38.5	PASS
WCDMA850	UMTS/TM1	LCH	22.66	18.33	38.5	PASS
		MCH	22.46	18.18	38.5	PASS
		HCH	22.27	18.11	38.5	PASS
Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP[dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.33	30.14	33	PASS
		MCH	28.9	30.01	33	PASS
		HCH	29.46	30.31	33	PASS
	GSM/TM2	LCH	25.29	26.46	33	PASS
		MCH	25.28	26.21	33	PASS
		HCH	25.27	26.11	33	PASS
WCDMA1900	UMTS/TM1	LCH	22.08	23.08	33	PASS
		MCH	21.85	22.93	33	PASS
		HCH	21.79	22.94	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.



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	0.12	13	PASS
		MCH	0.13	13	PASS
		HCH	0.14	13	PASS
GSM1900	GSM/TM2	LCH	3.1	13	PASS
		MCH	3.07	13	PASS
		HCH	3.08	13	PASS
Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM1	LCH	2.42	13	PASS
		MCH	2.86	13	PASS
		HCH	2.74	13	PASS

3Appendix_C: Modulation Characteristics

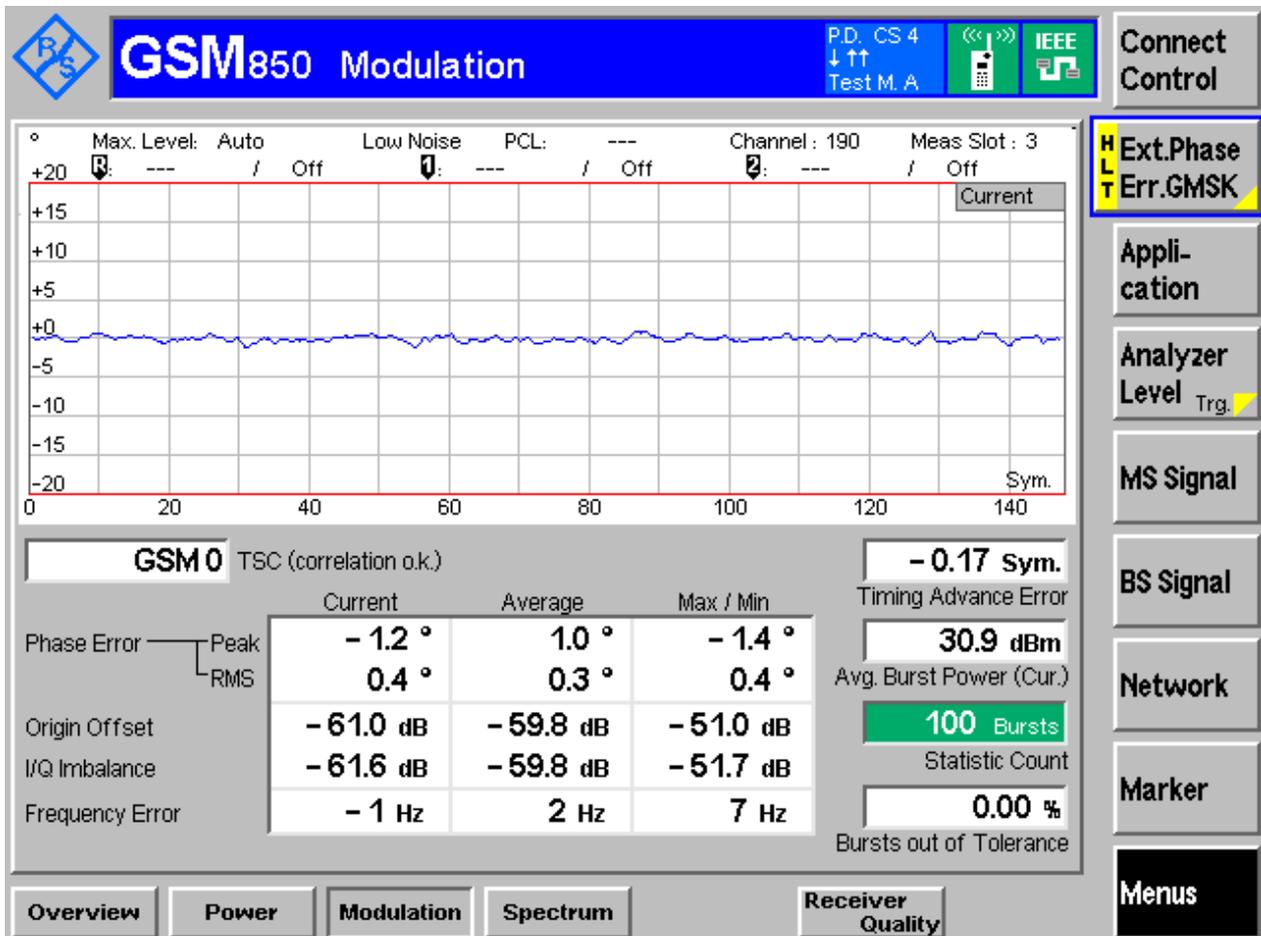
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

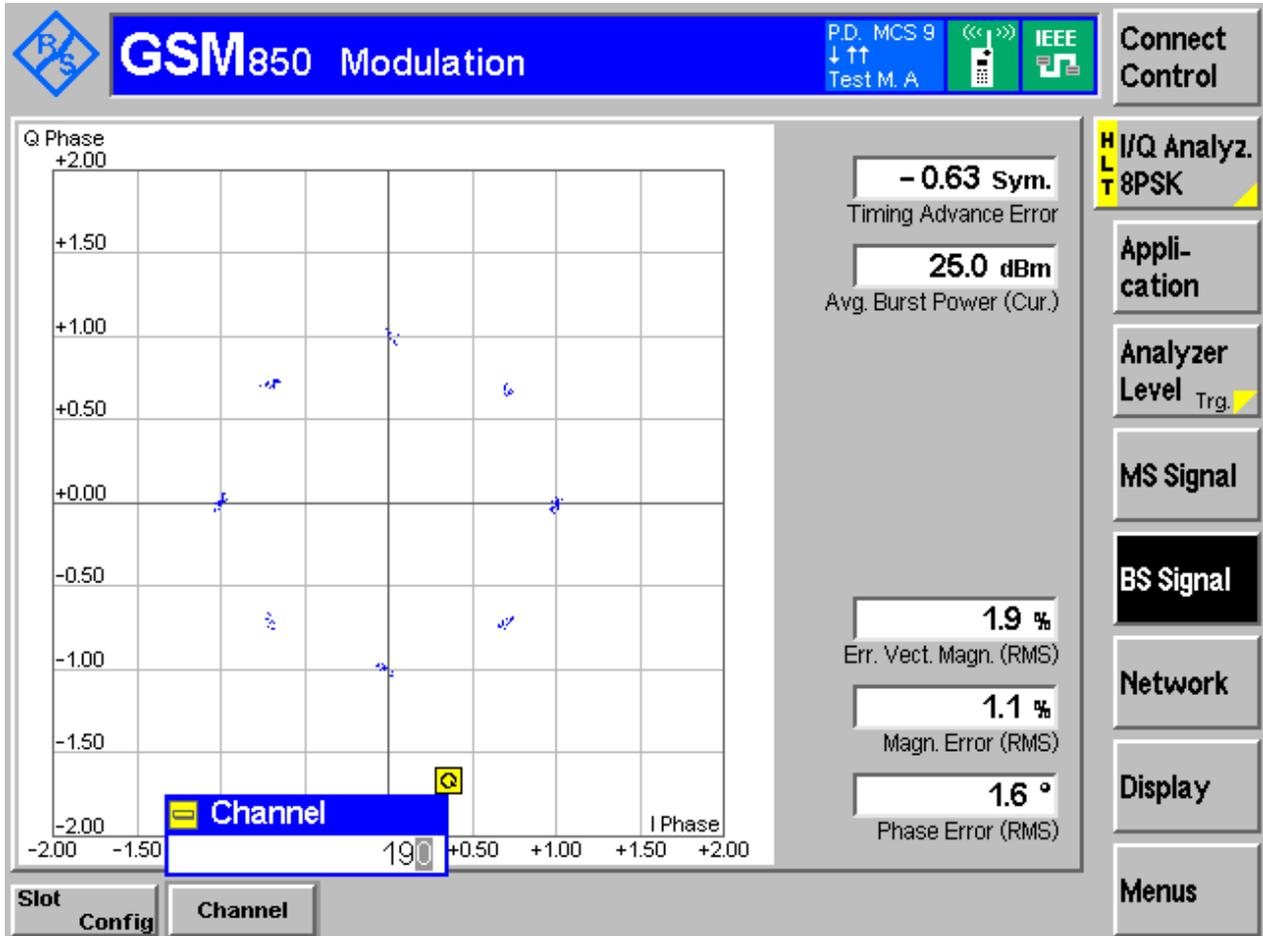
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

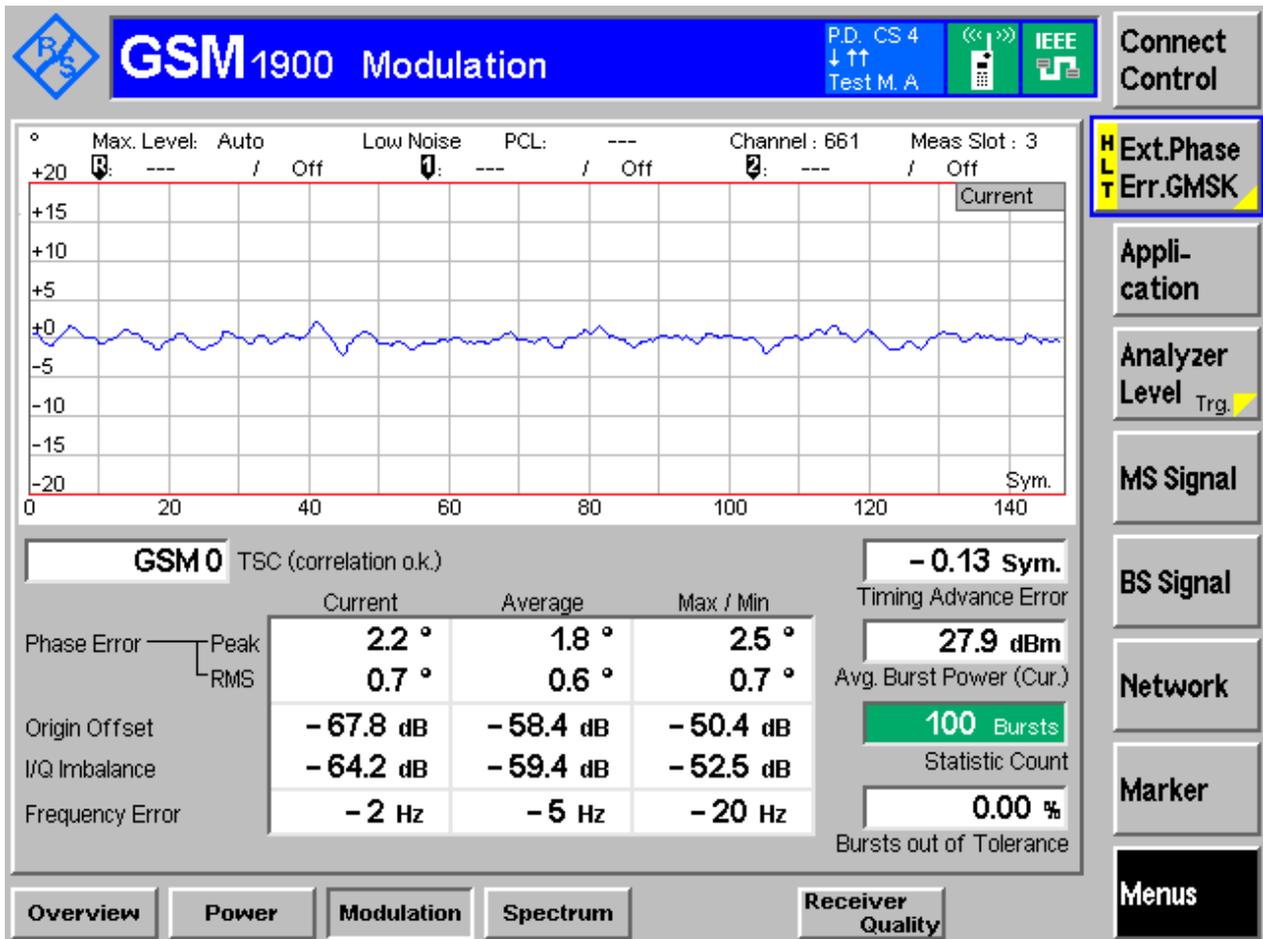
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

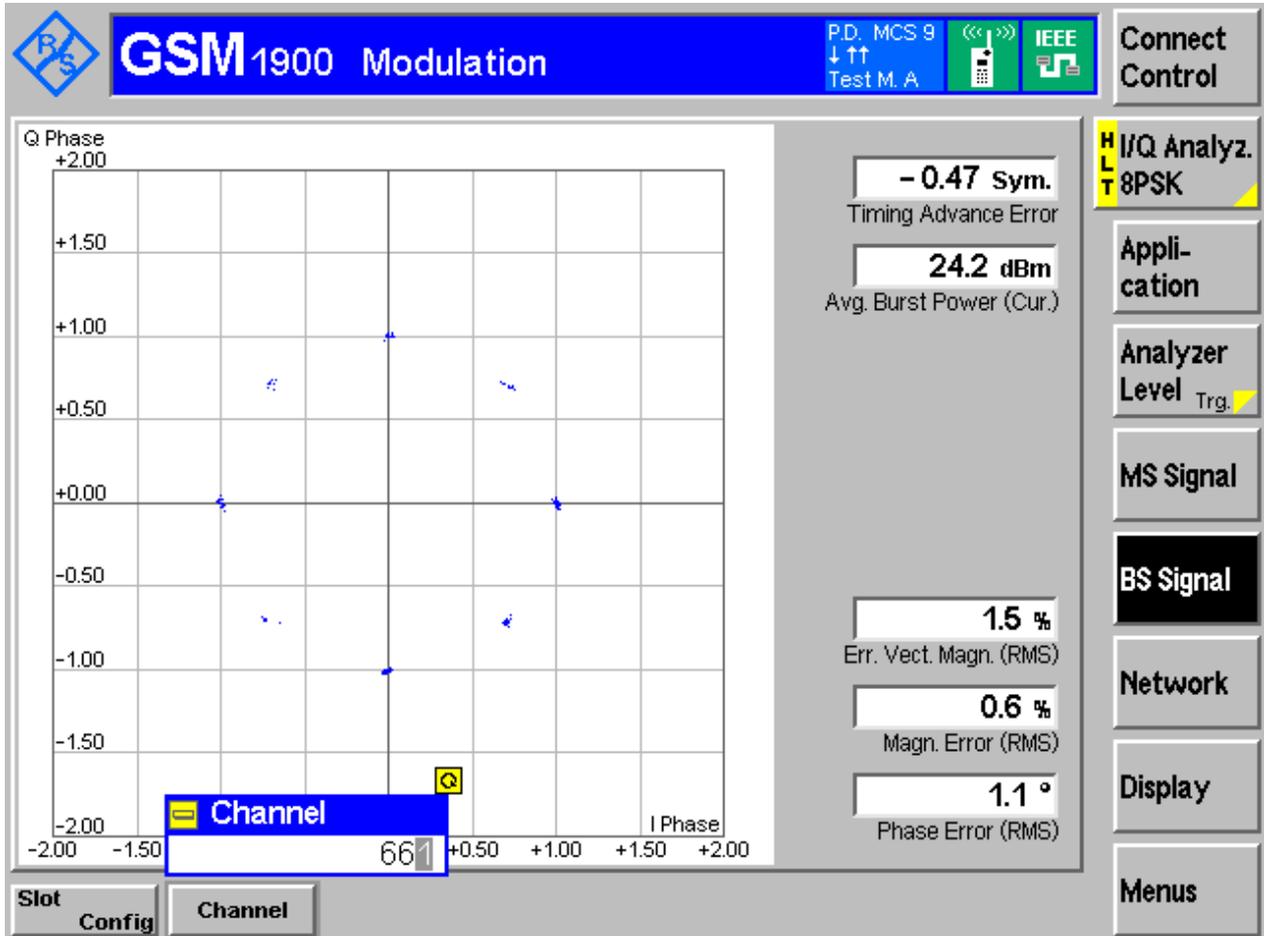
3.1.2.1 Test Mode = GSM/TM1

3.1.2.1.1 Test Channel = MCH



3.1.2.2 Test Mode = GSM/TM2

3.1.2.2.1 Test Channel = MCH

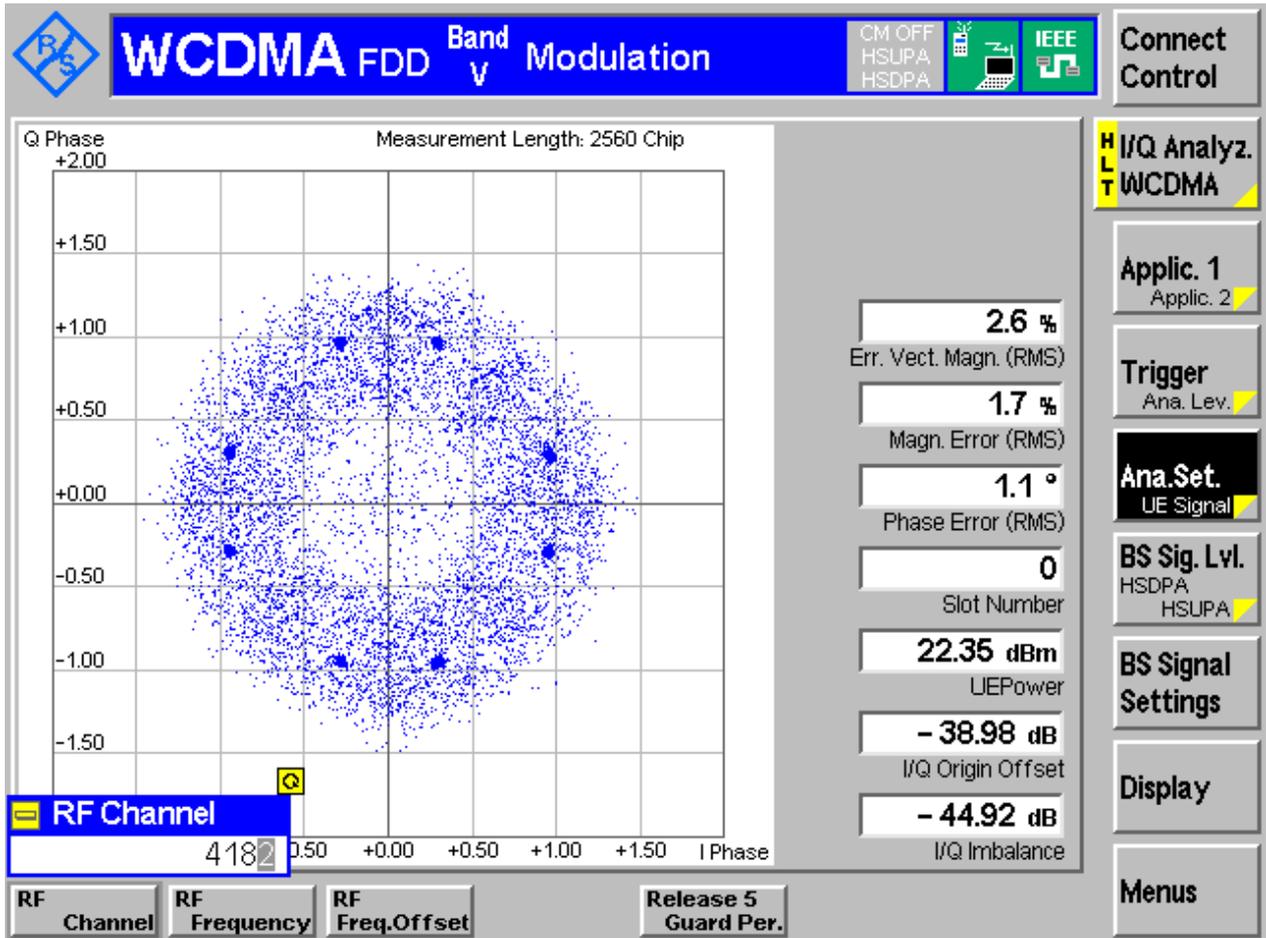


3.2 For UMTS

3.2.1 Test Band = WCDMA850

3.2.1.1 Test Mode = UMTS/TM1

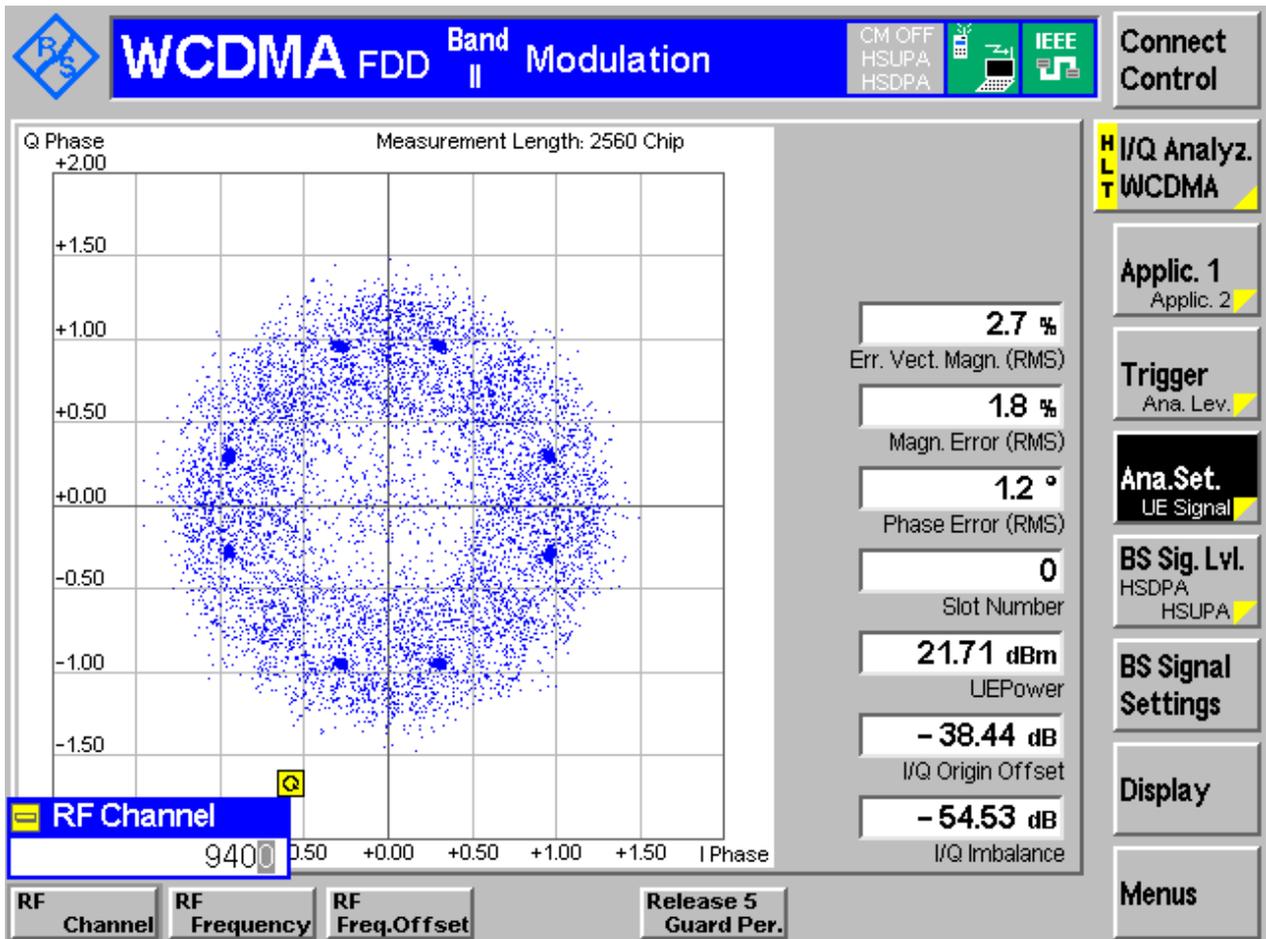
3.2.1.1.1 Test Channel = MCH



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	246.67	323.09	Pass
		MCH	244.33	317.30	Pass
		HCH	246.00	315.55	Pass
	GSM/TM2	LCH	243.57	303.47	Pass
		MCH	247.73	320.21	Pass
		HCH	233.43	296.60	Pass
GSM190 0	GSM/TM1	LCH	246.24	320.91	Pass
		MCH	242.48	315.35	Pass
		HCH	244.87	315.44	Pass
	GSM/TM2	LCH	246.25	314.69	Pass
		MCH	244.98	313.09	Pass
		HCH	239.61	304.17	Pass
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA8 50	UMTS/TM1	LCH	4.16	4.69	Pass
		MCH	4.16	4.70	Pass
		HCH	4.15	4.71	Pass
WCDMA1 900	UMTS/TM1	LCH	4.16	4.73	Pass
		MCH	4.17	4.69	Pass
		HCH	4.16	4.70	Pass



Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

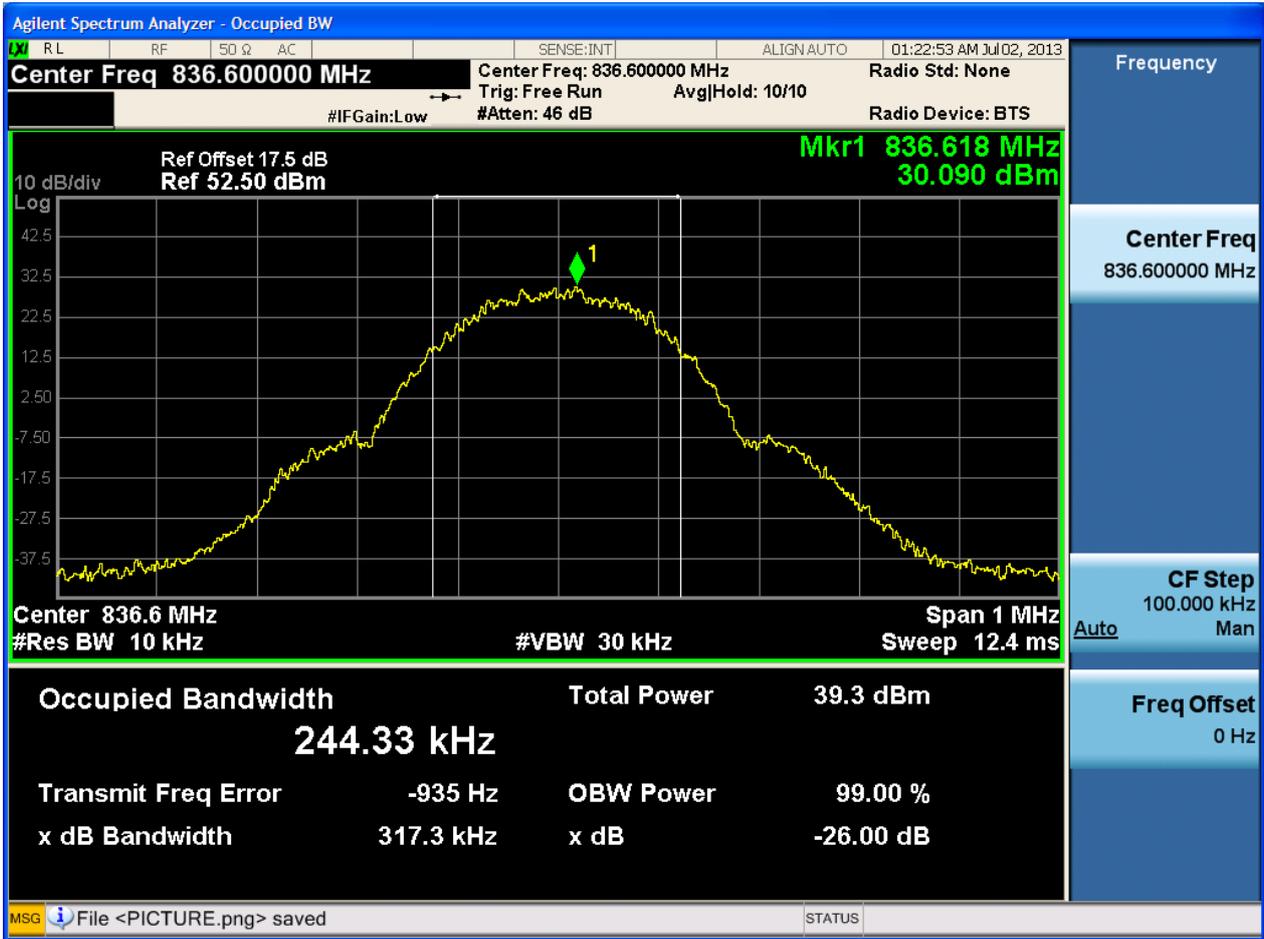
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH



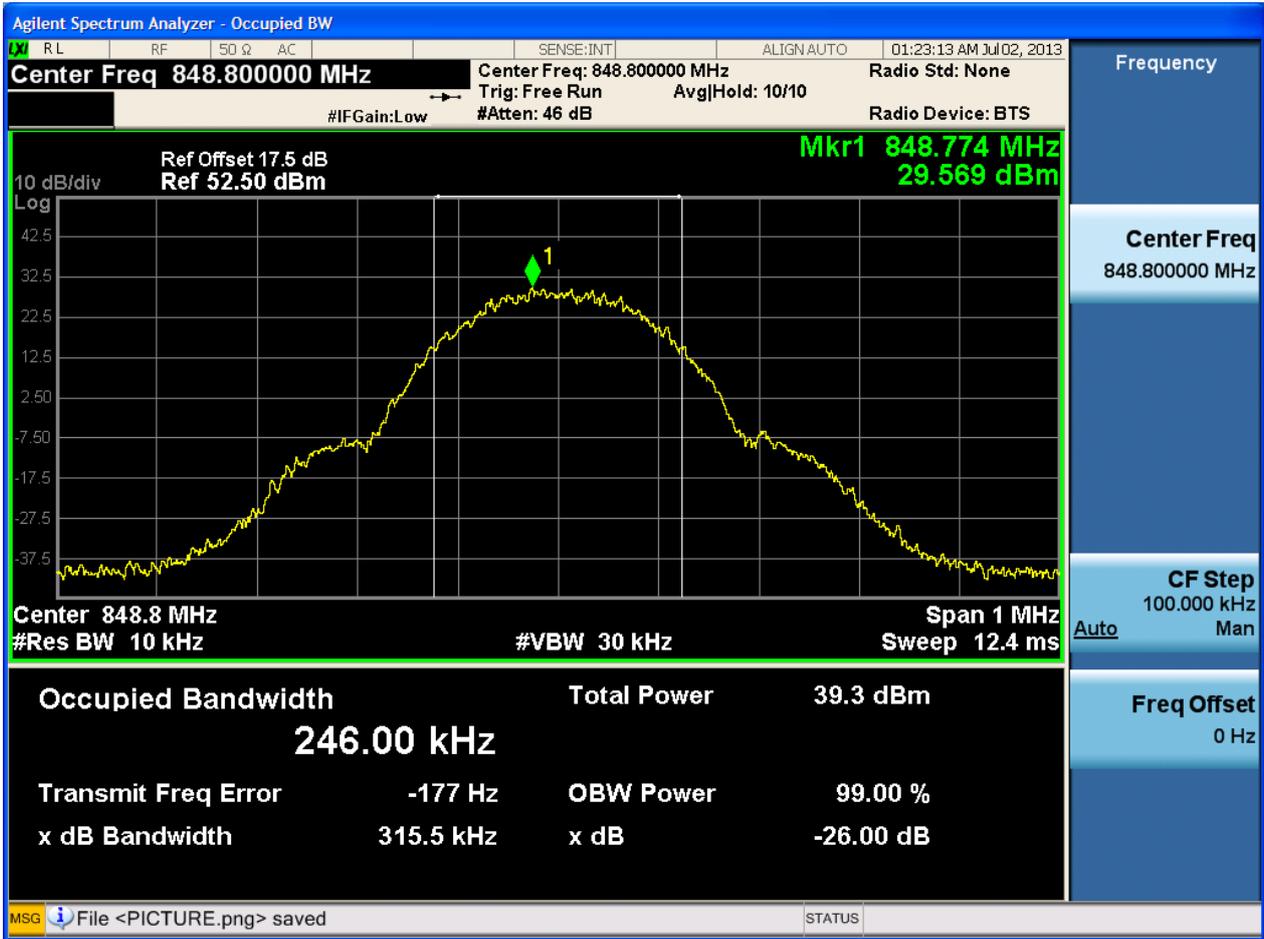


4.1.1.1.2 Test Channel = MCH





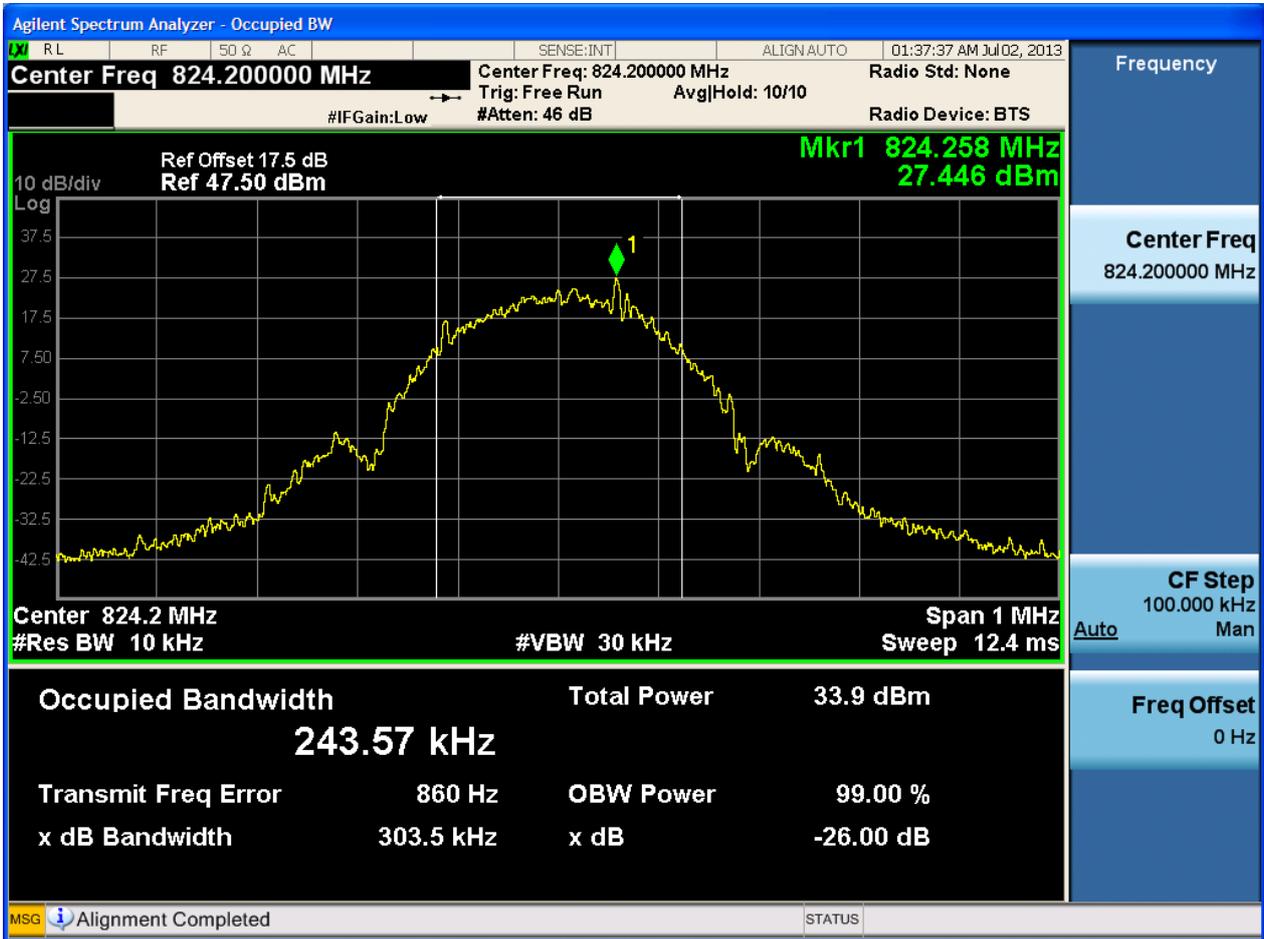
4.1.1.1.3 Test Channel = HCH





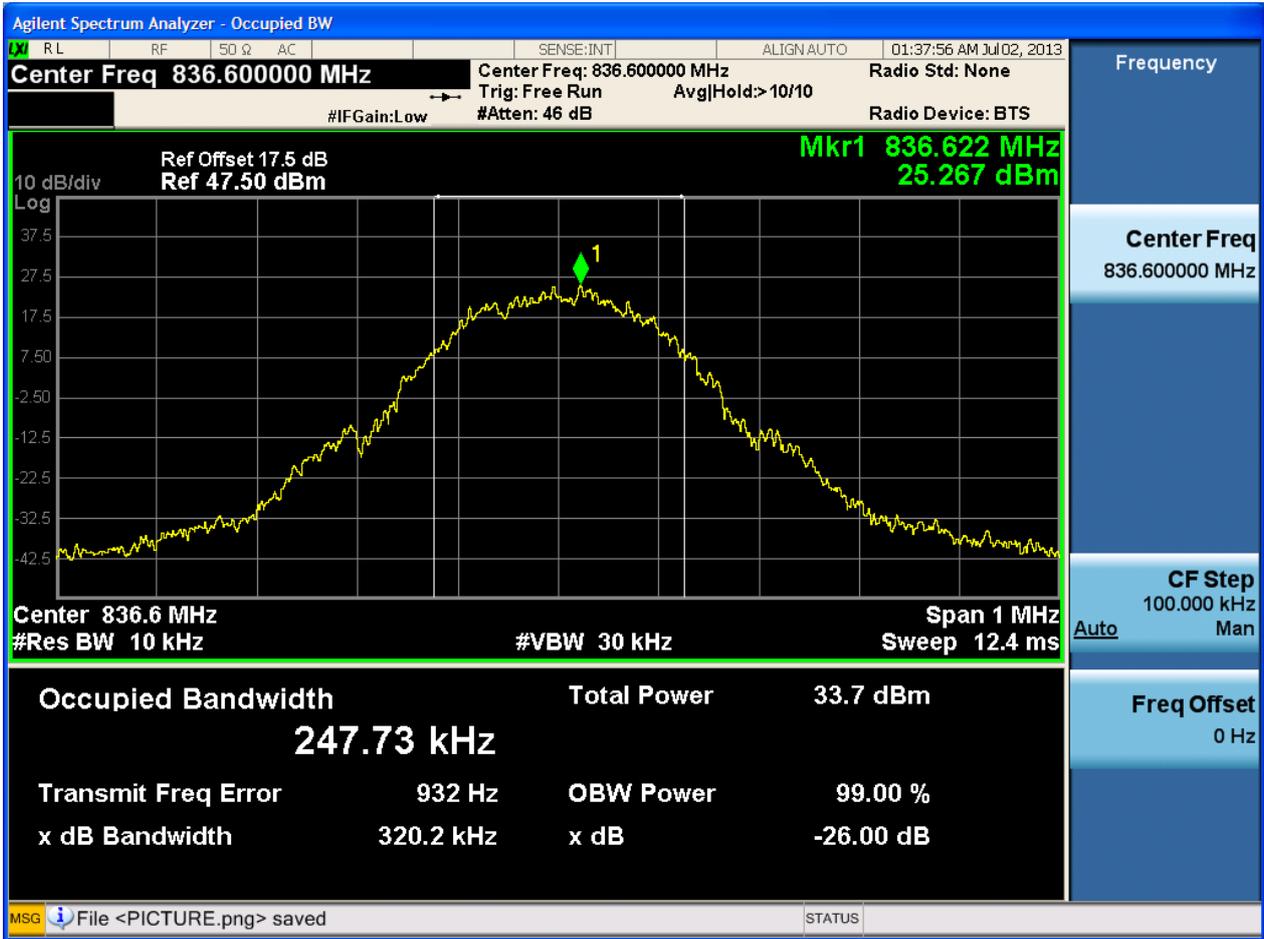
4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



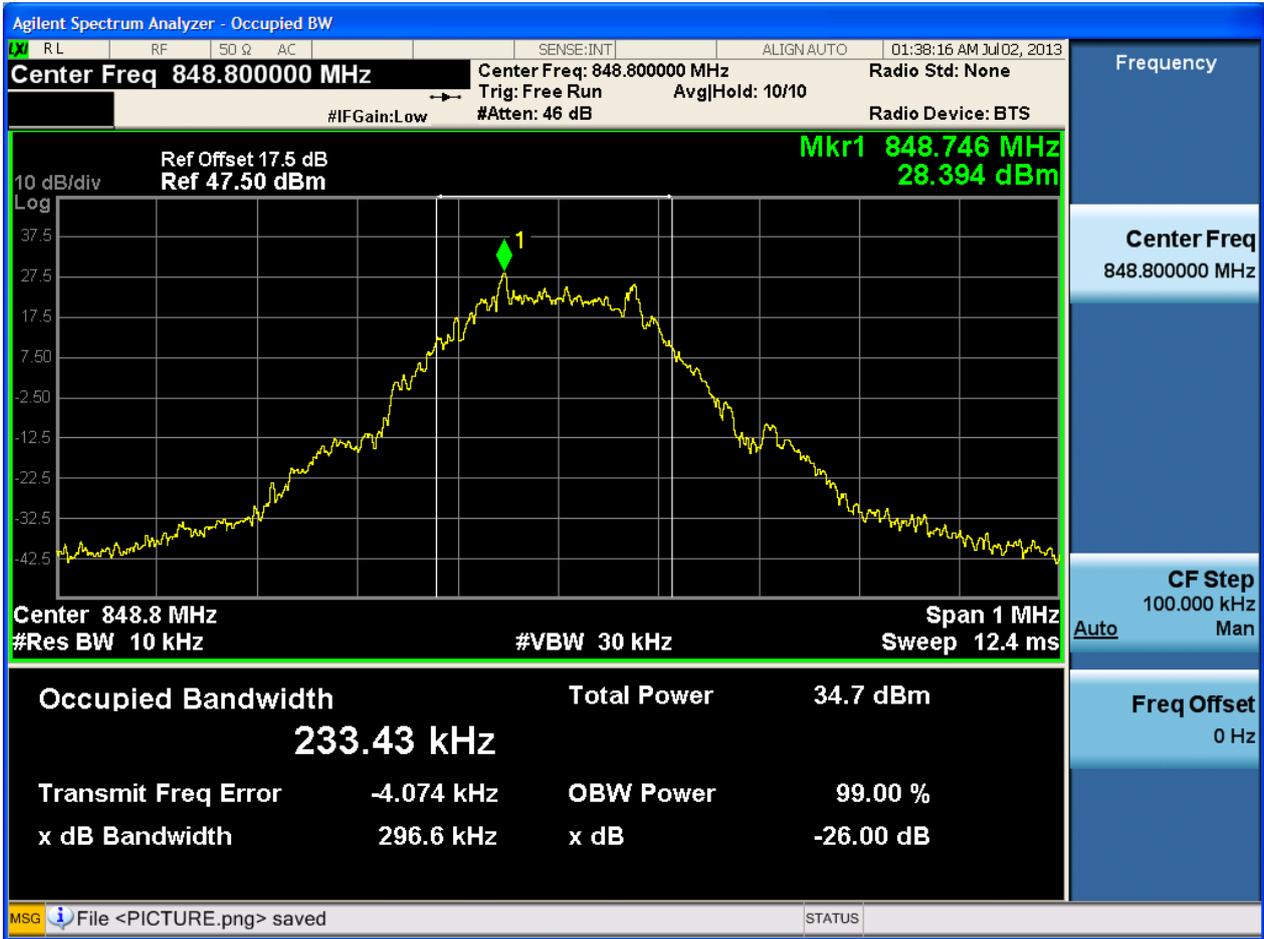


4.1.1.2.2 Test Channel = MCH





4.1.1.2.3 Test Channel = HCH

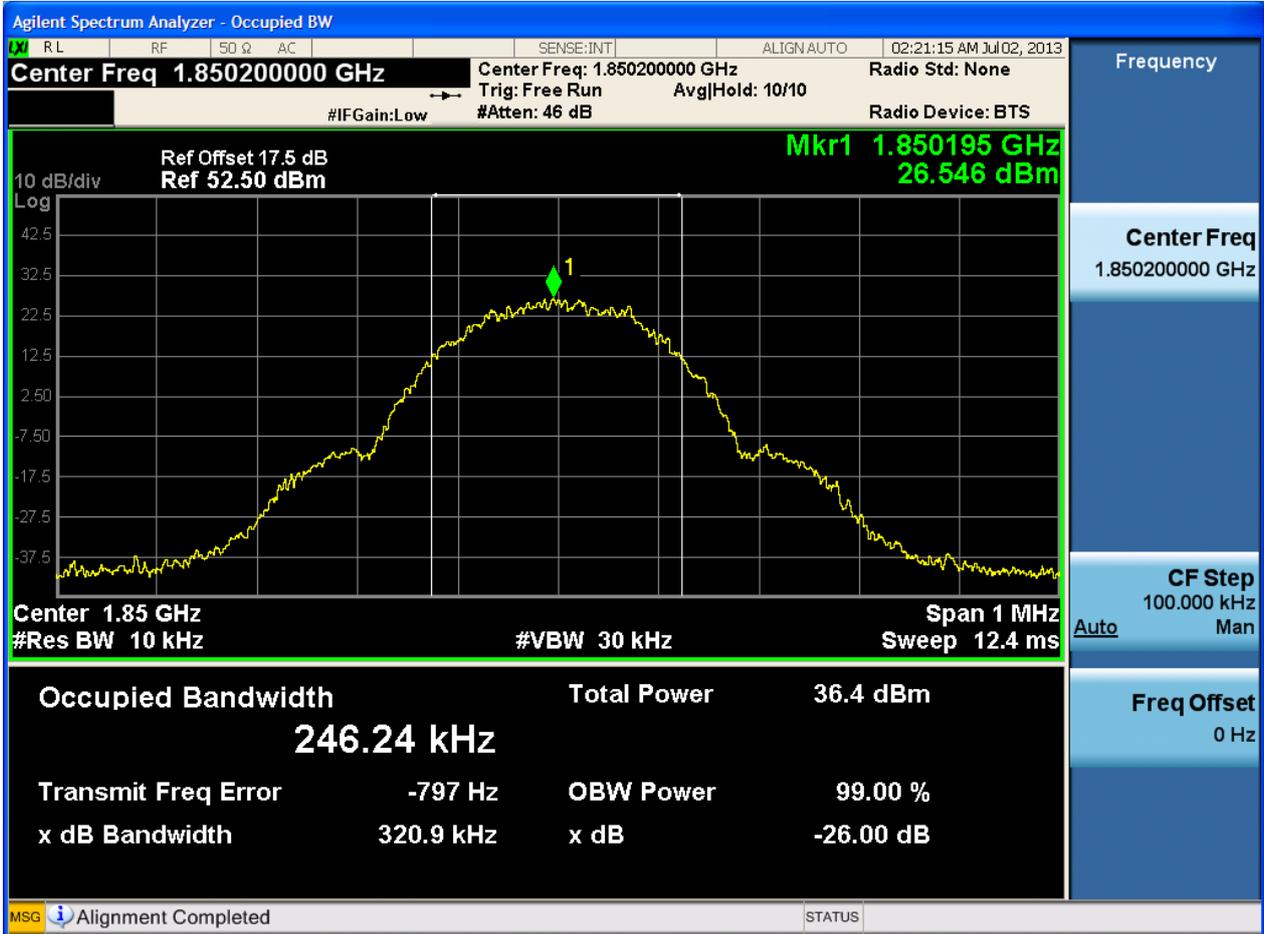




4.1.2 Test Band = GSM1900

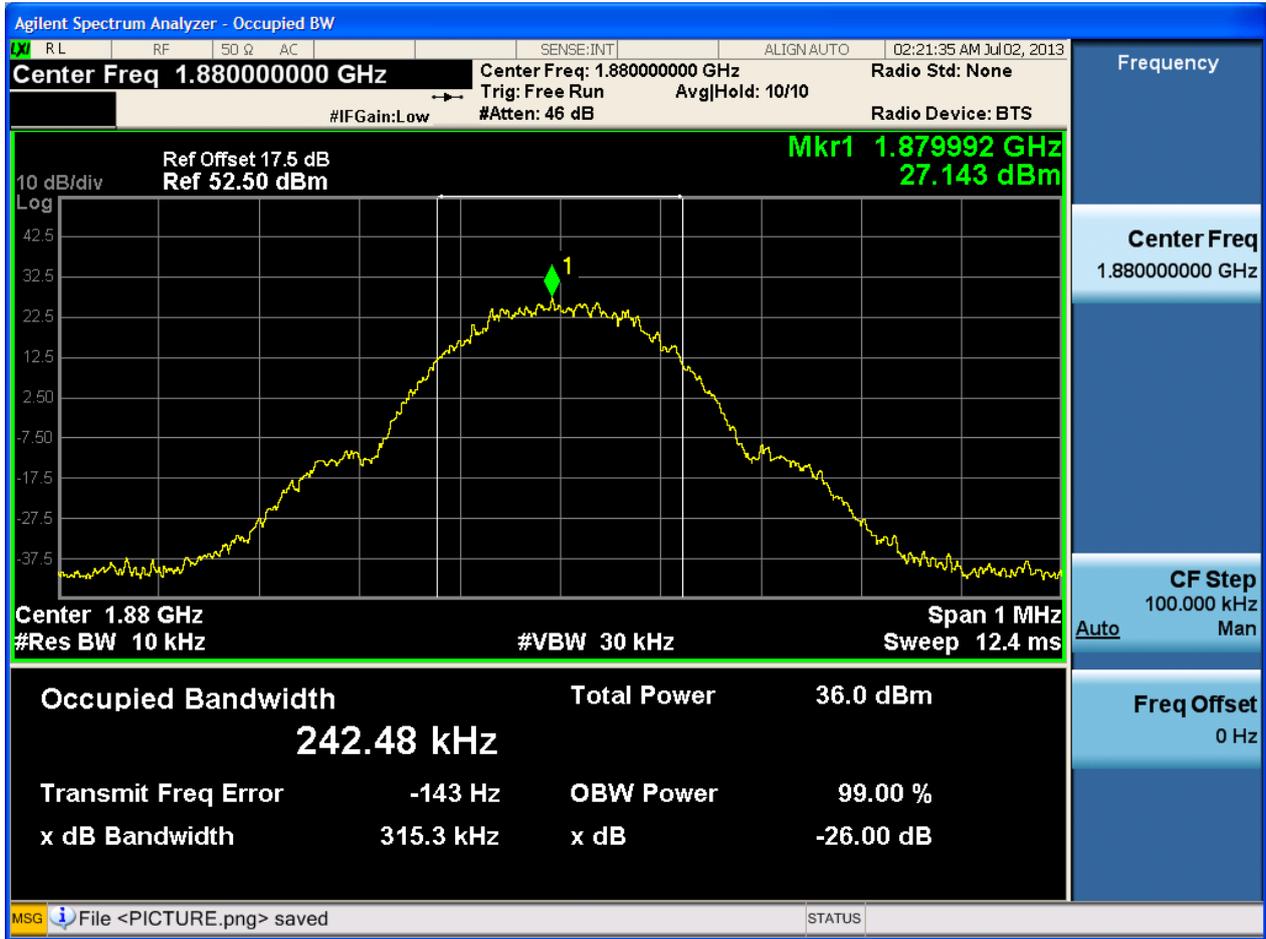
4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



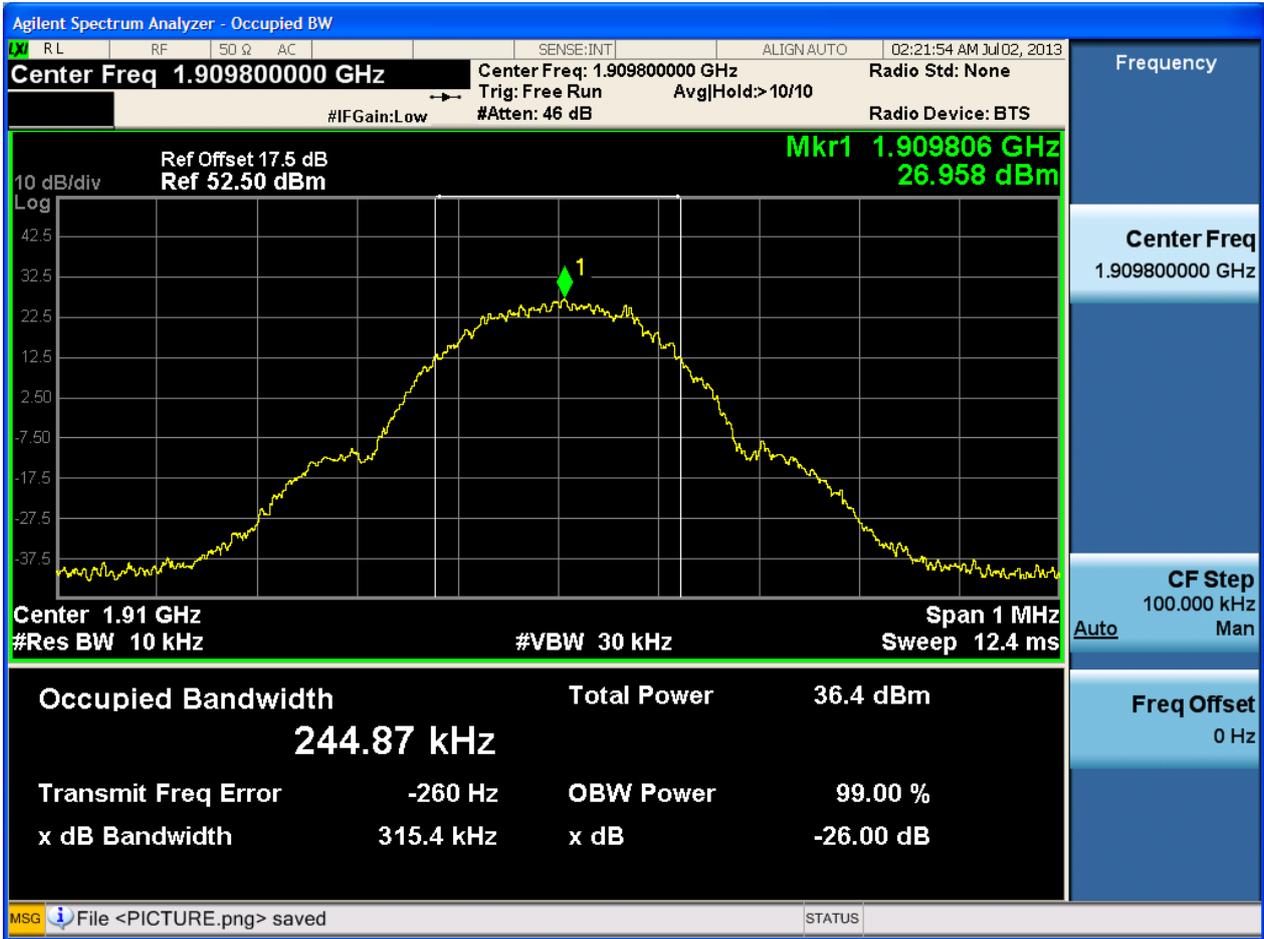


4.1.2.1.2 Test Channel = MCH





4.1.2.1.3 Test Channel = HCH





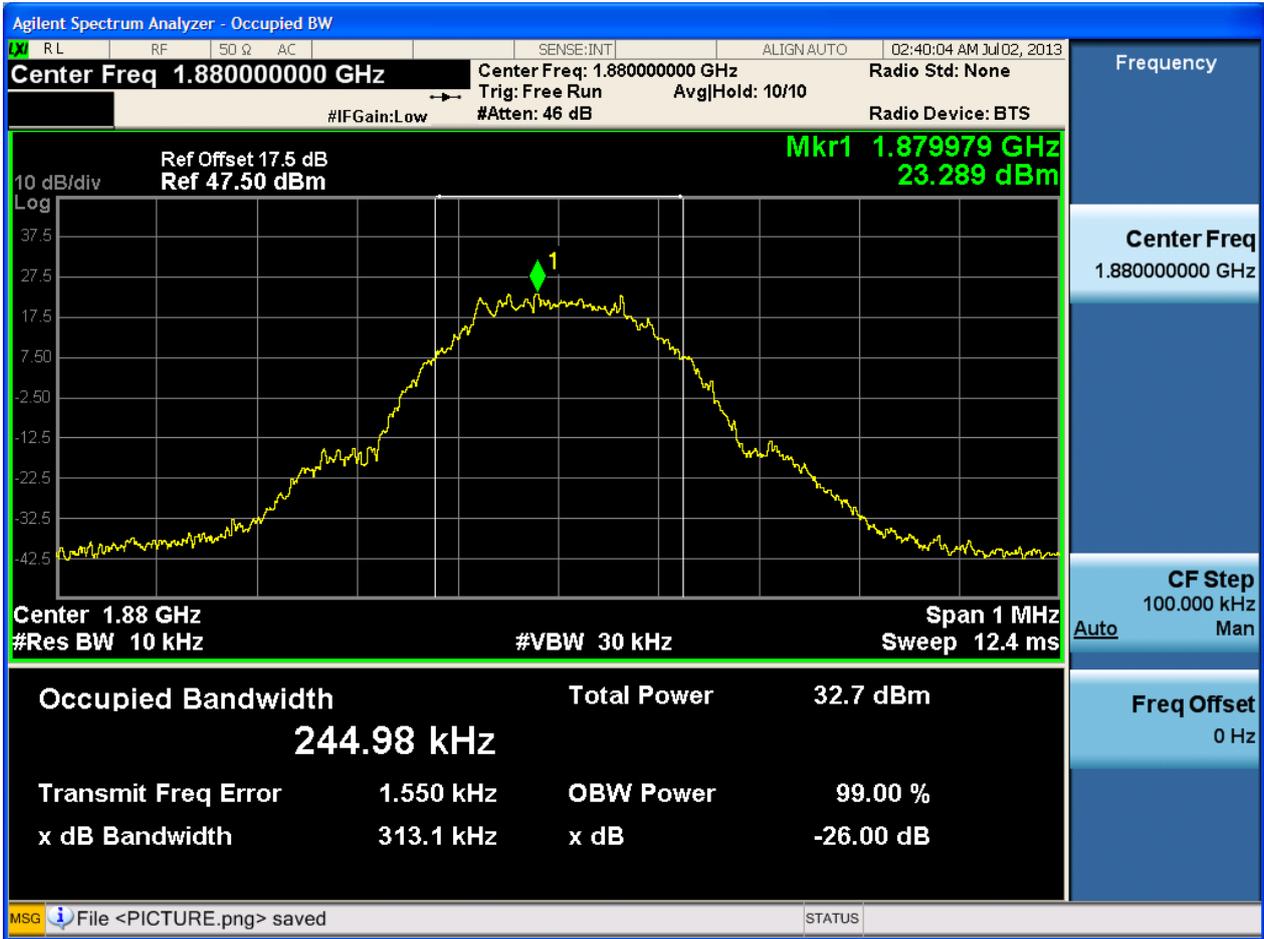
4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH





4.1.2.2.2 Test Channel = MCH





4.1.2.2.3 Test Channel = HCH



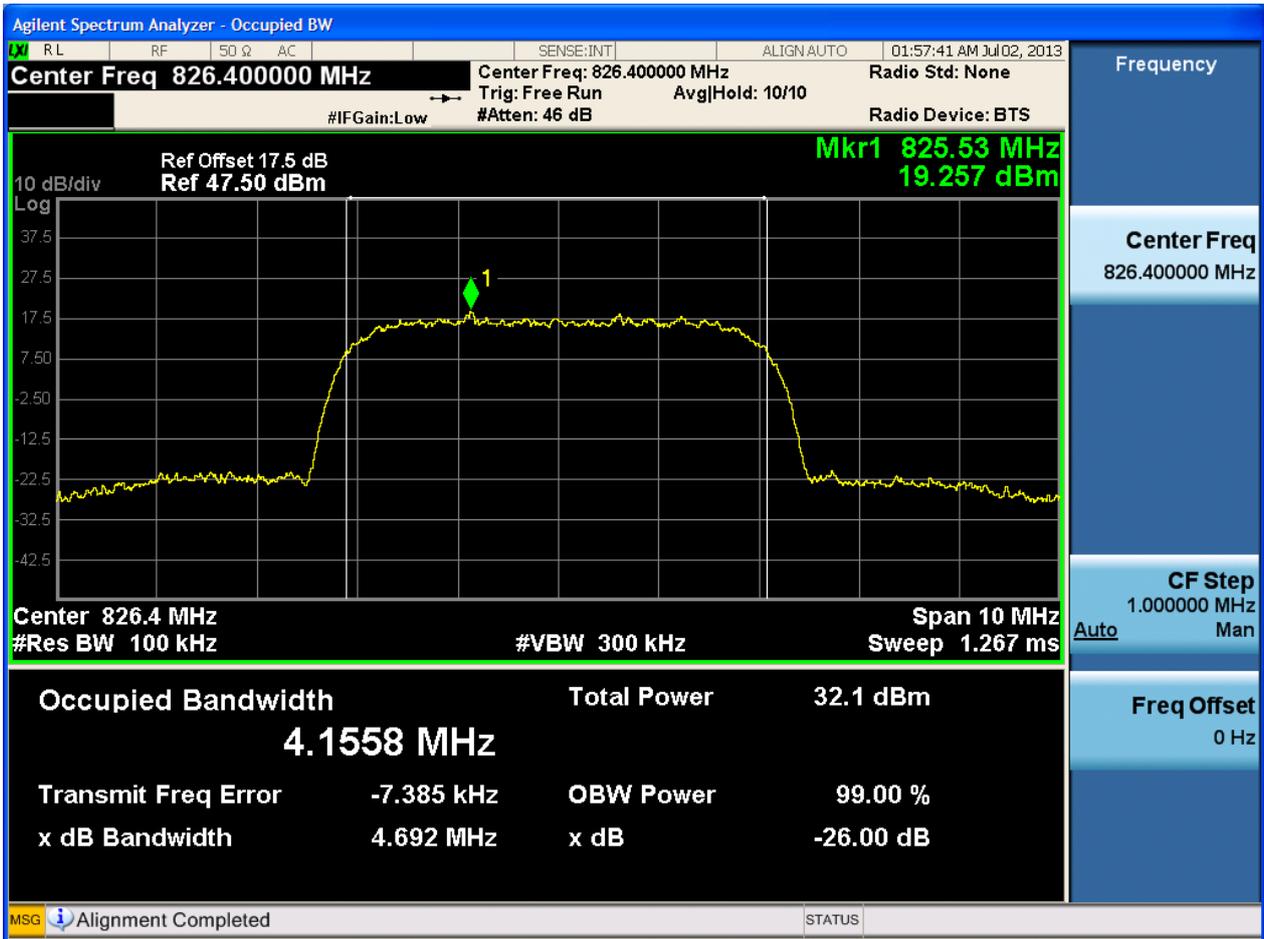


4.2 For UMTS

4.2.1 Test Band = WCDMA850

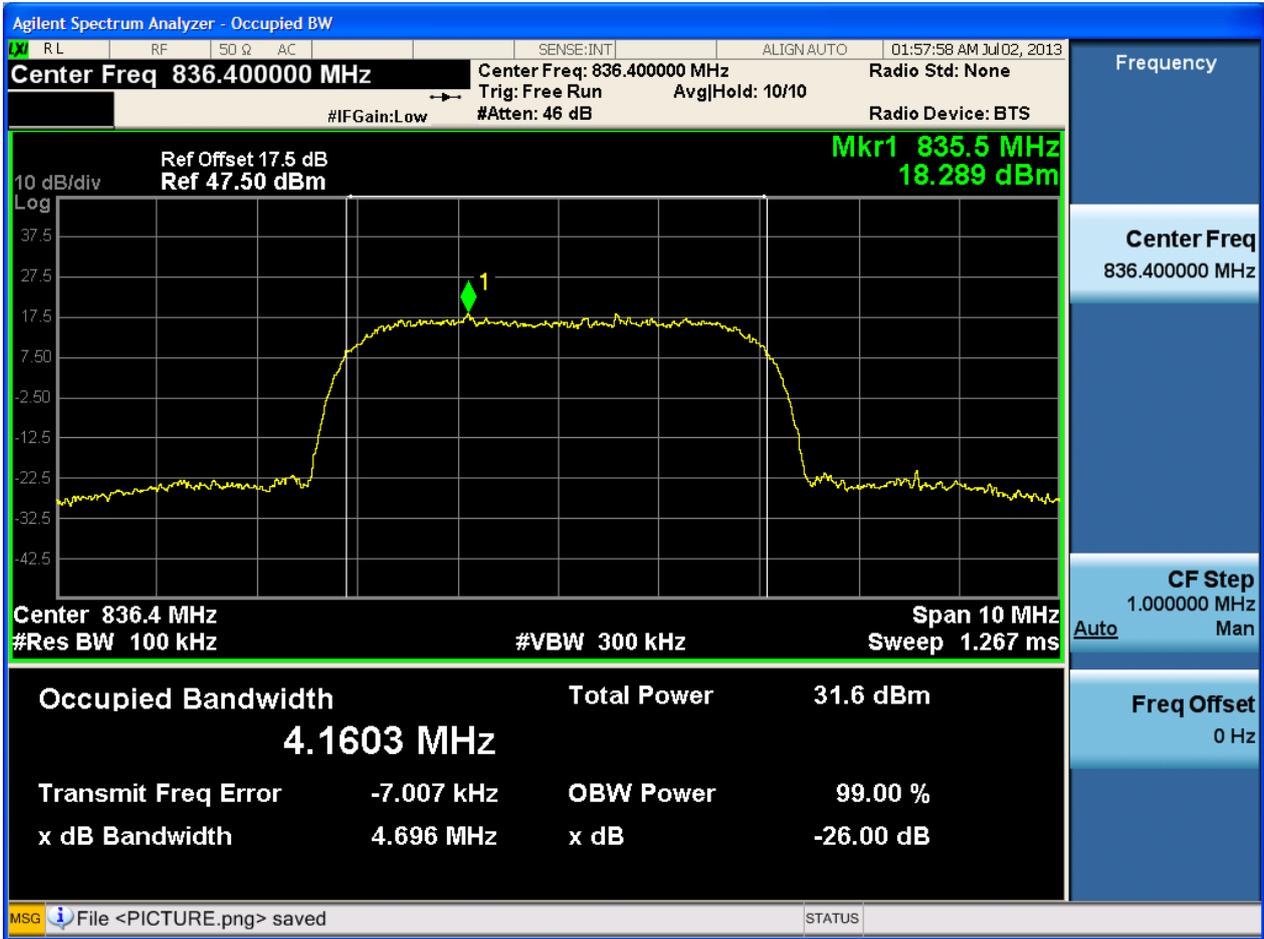
4.2.1.1 Test Mode = UMTS/TM1

4.2.1.1.1 Test Channel = LCH



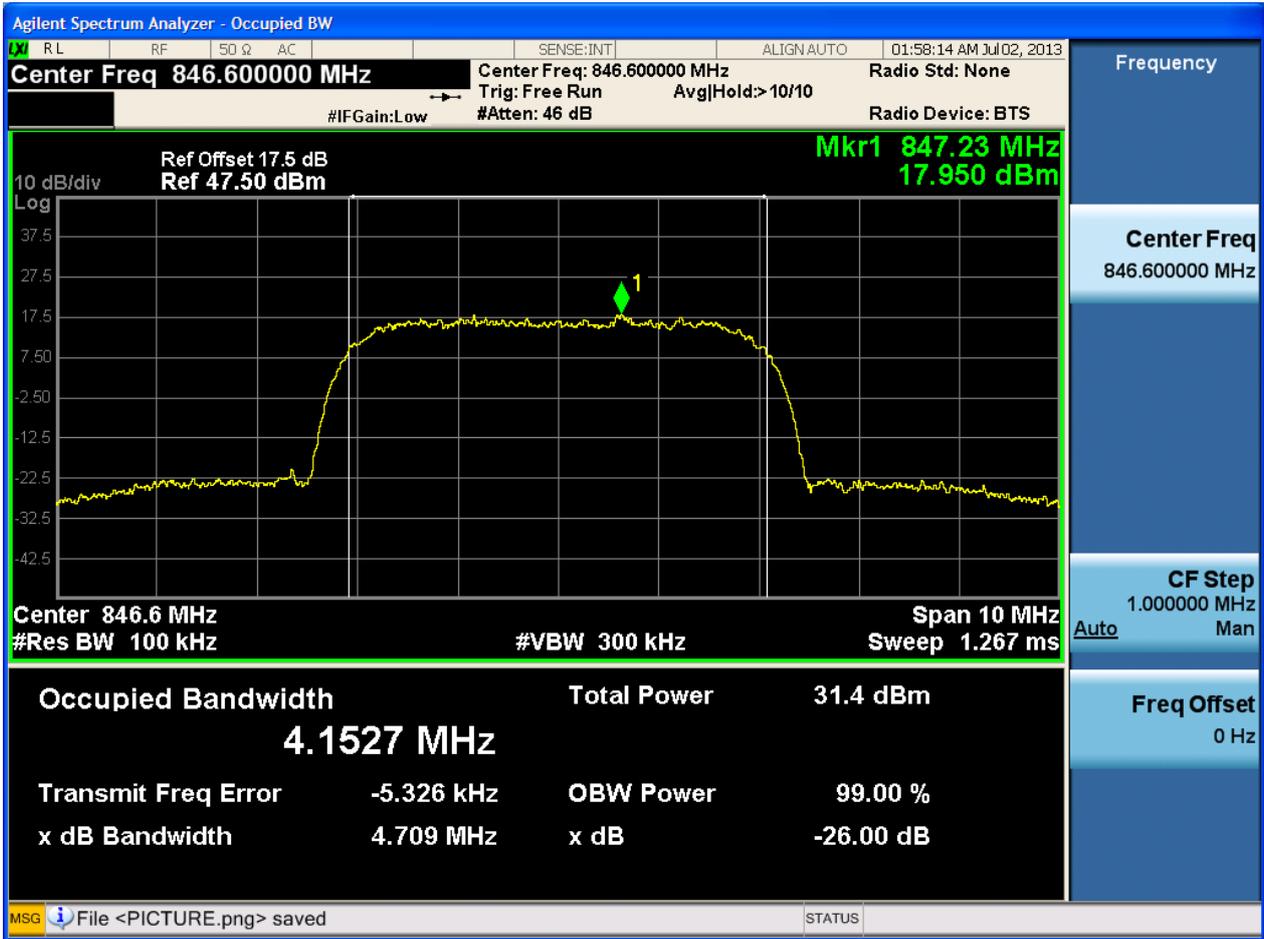


4.2.1.1.2 Test Channel = MCH





4.2.1.1.3 Test Channel = HCH

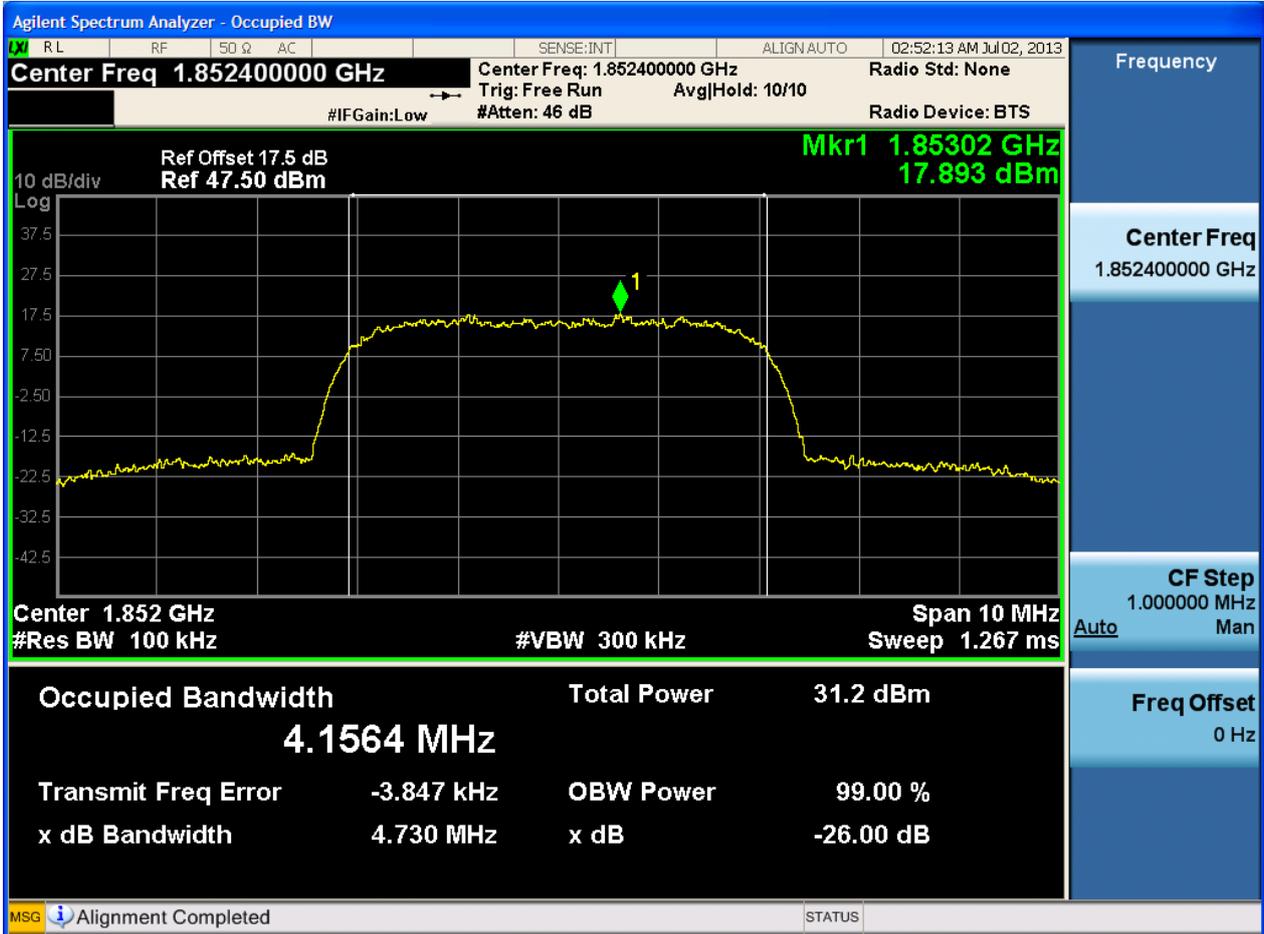




4.2.2 Test Band = WCDMA1900

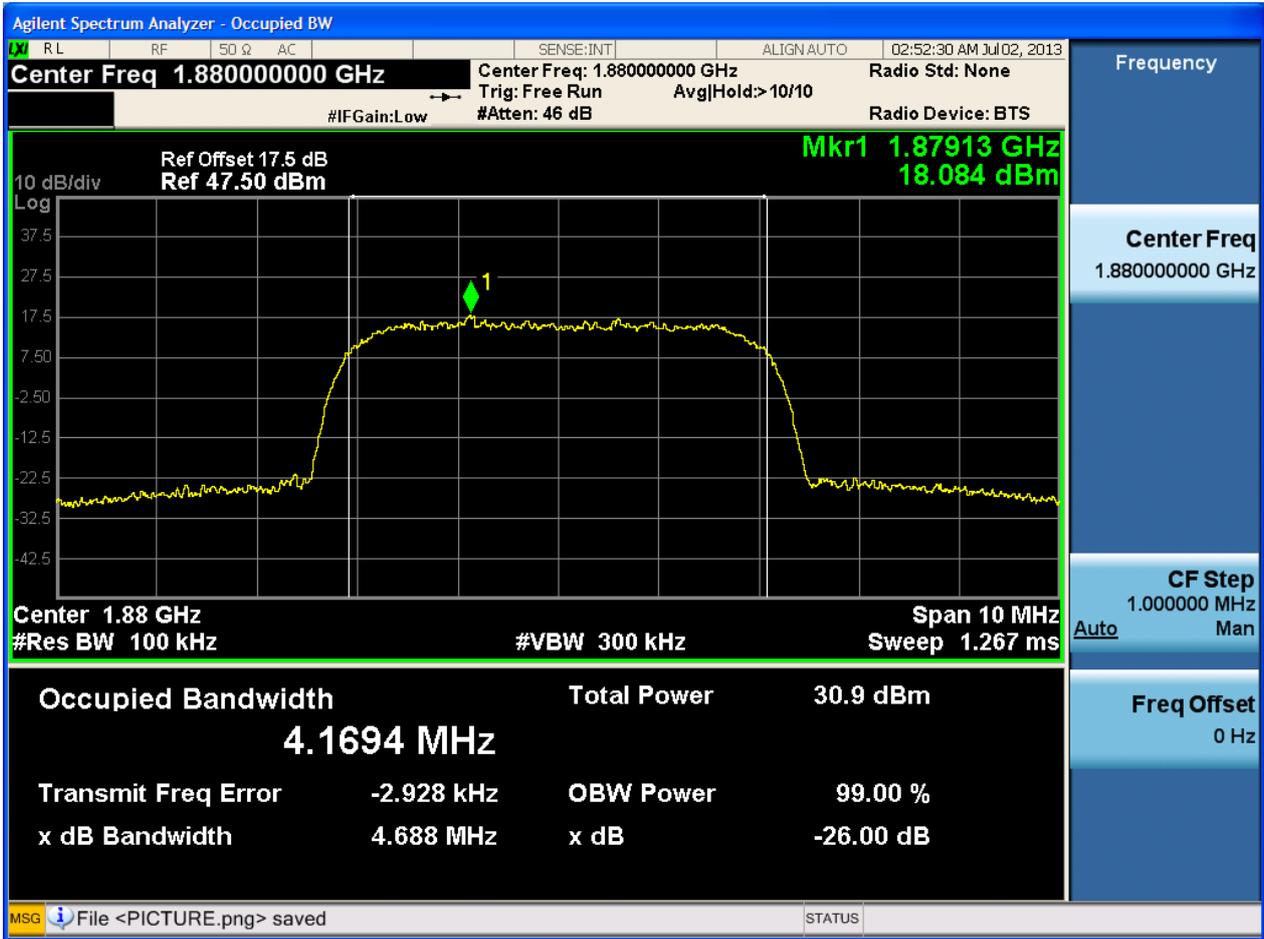
4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH



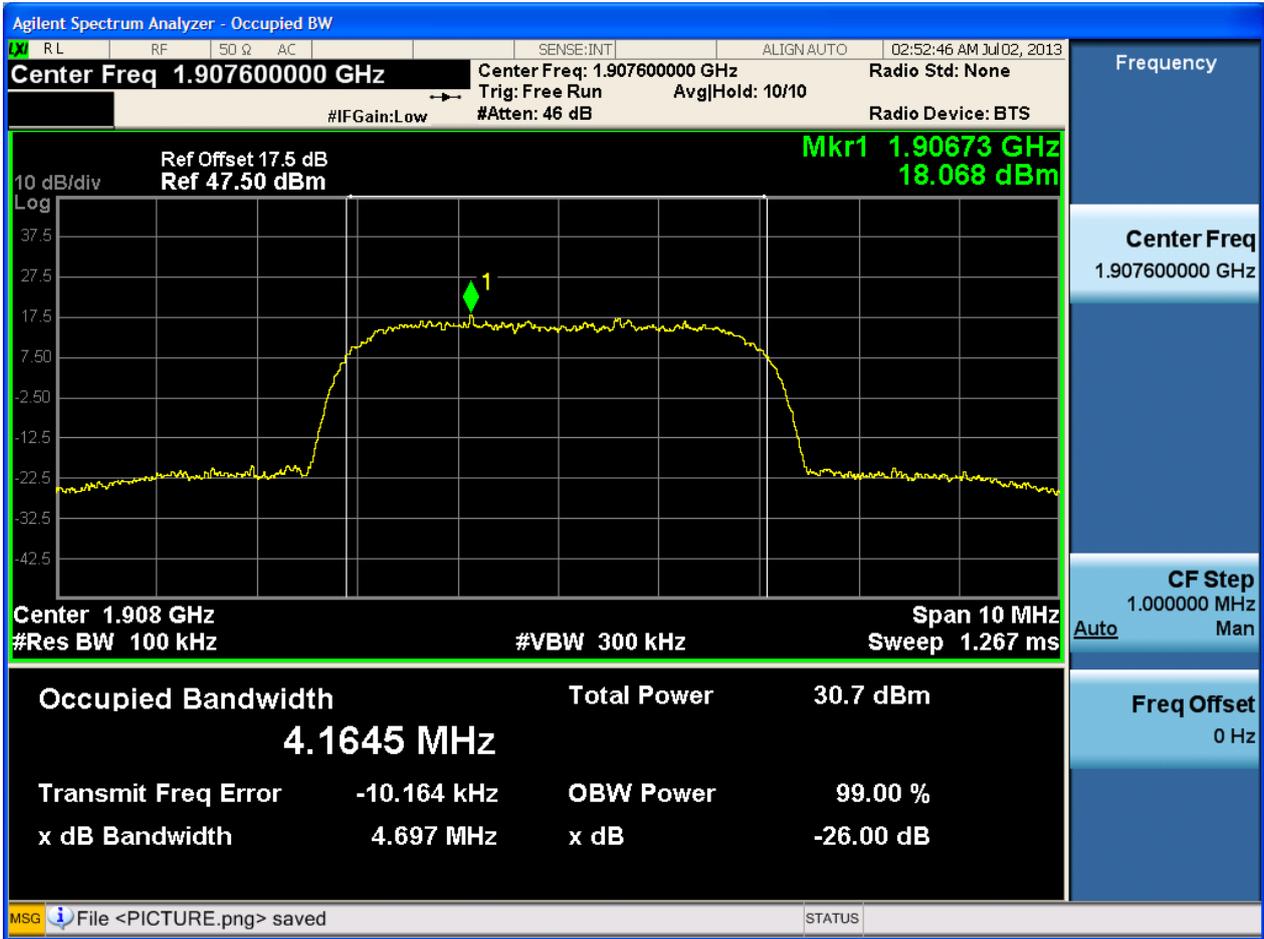


4.2.2.1.2 Test Channel = MCH





4.2.2.1.3 Test Channel = HCH





5Appendix_E: Band Edges Compliance

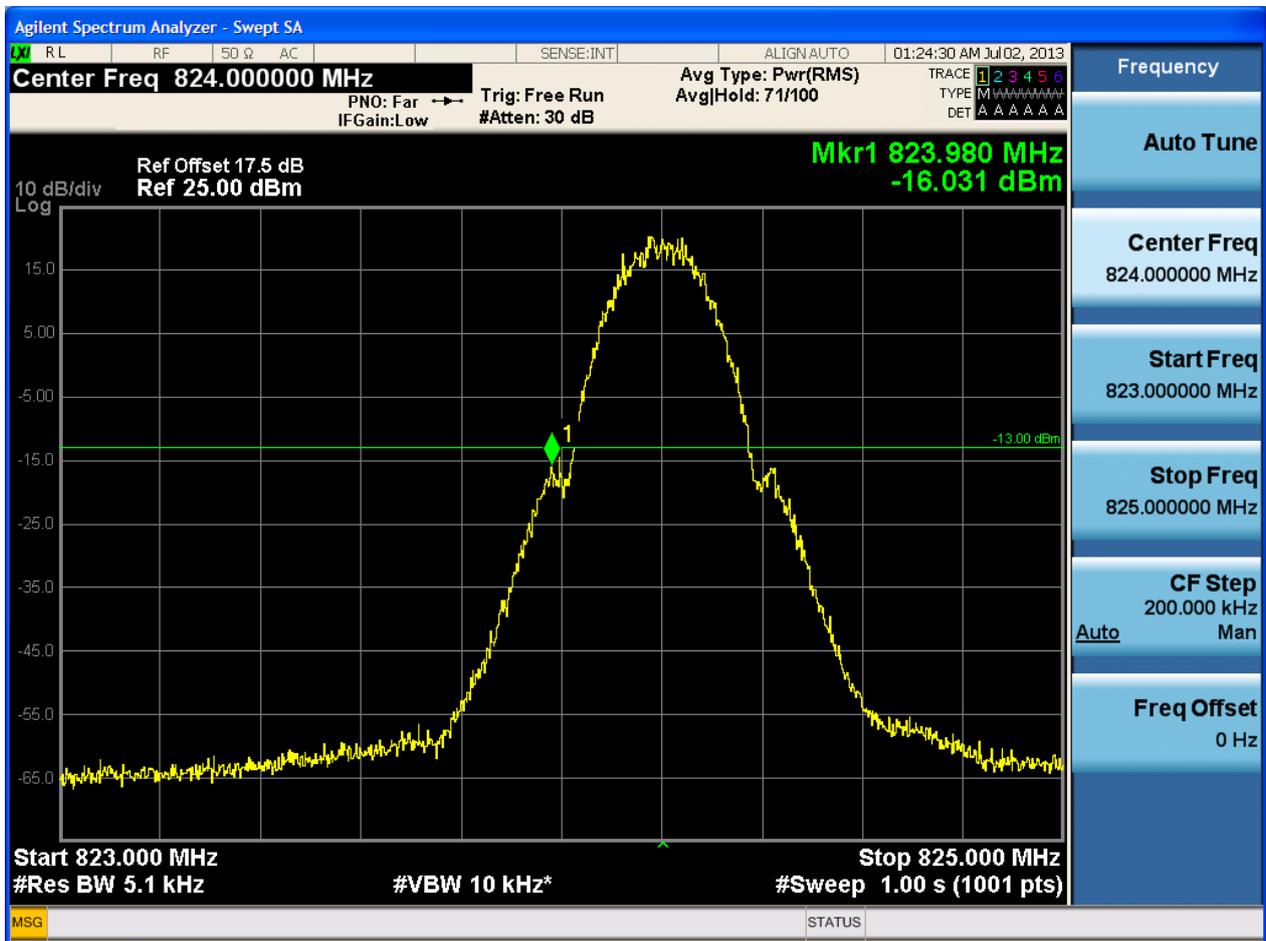
Part I - Test Plots

5.1 For GSM

5.1.1 Test Band = GSM850

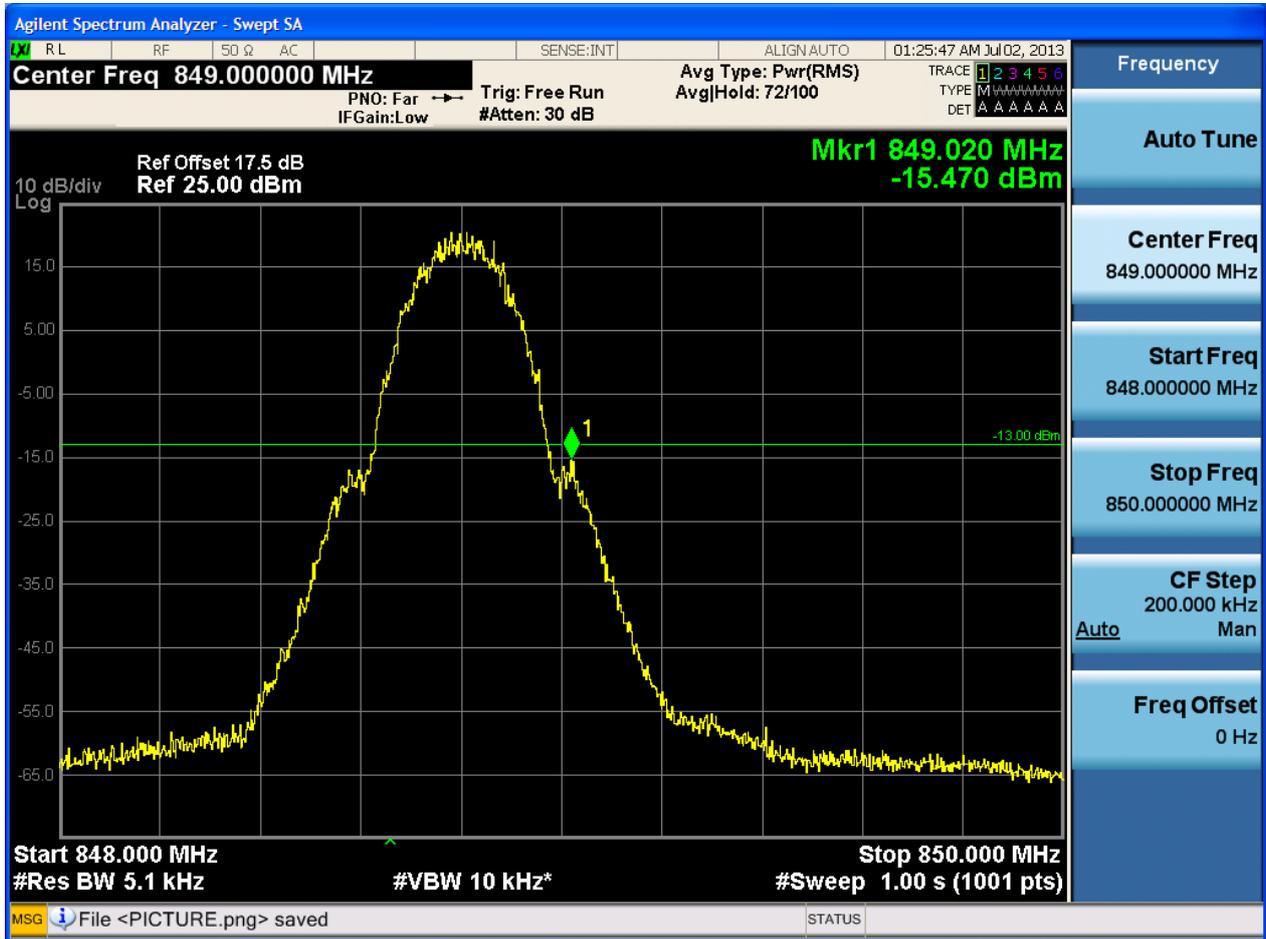
5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH





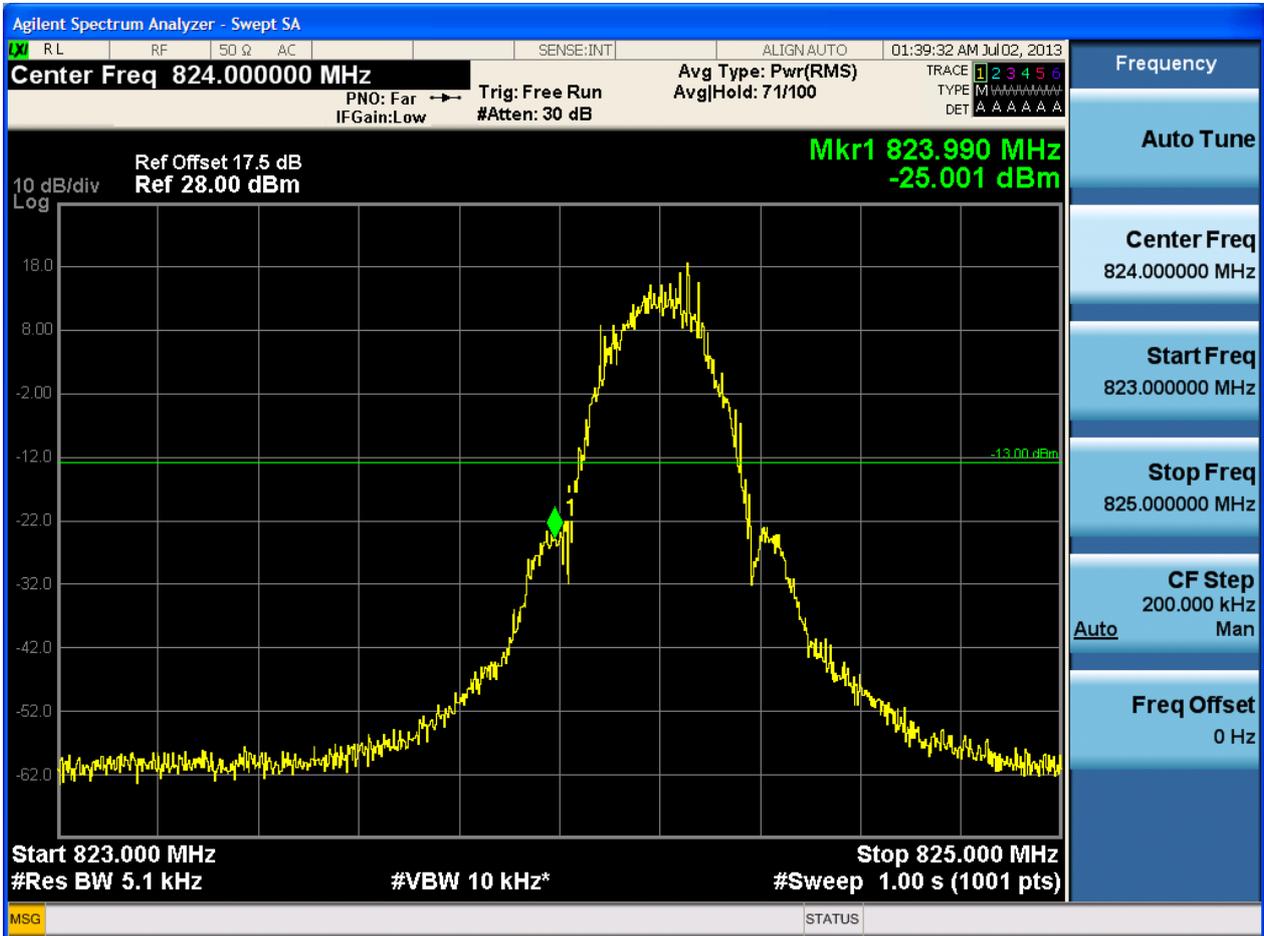
5.1.1.1.2 Test Channel = HCH





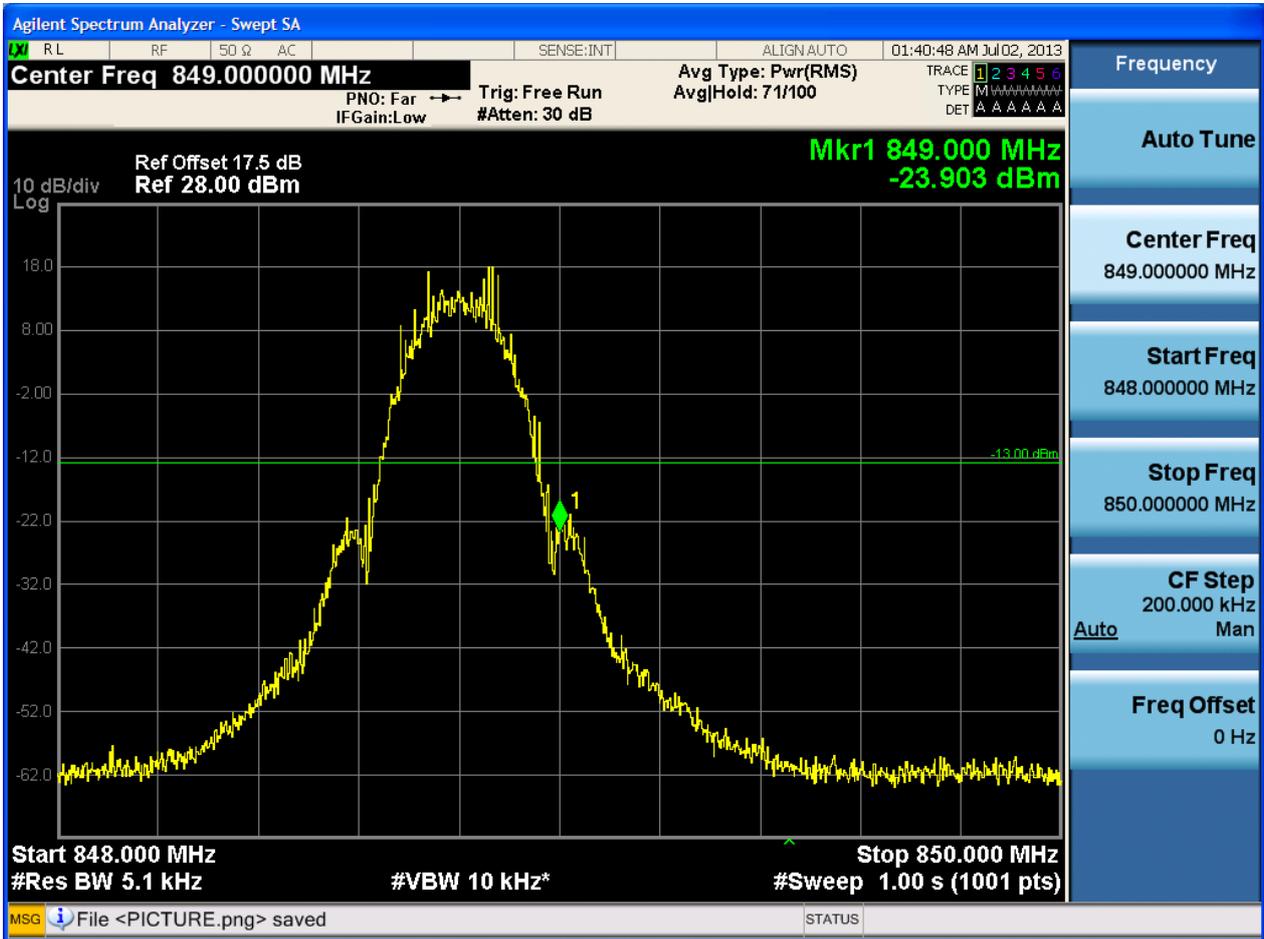
5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH





5.1.1.2.2 Test Channel = HCH

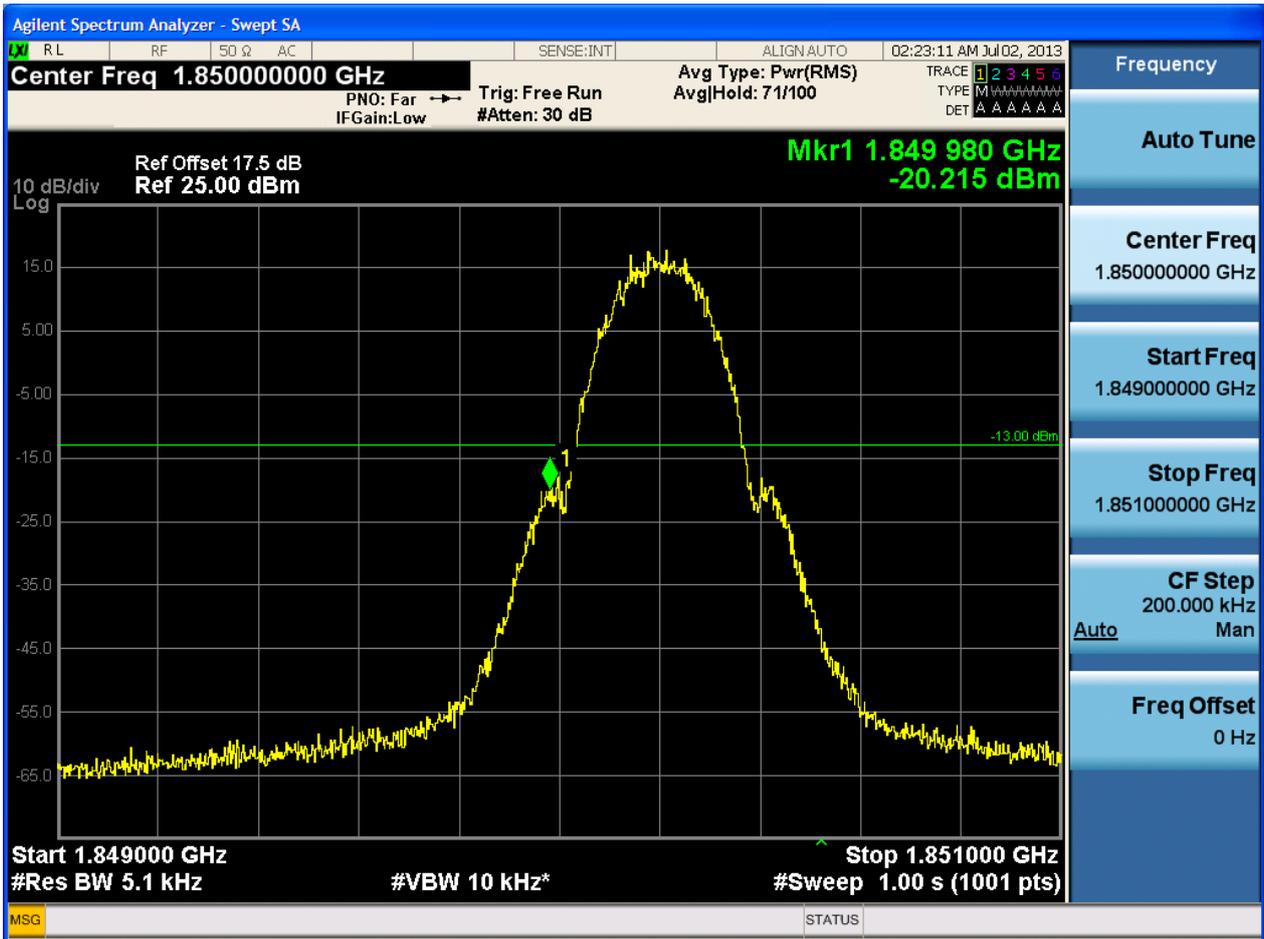




5.1.2 Test Band = GSM1900

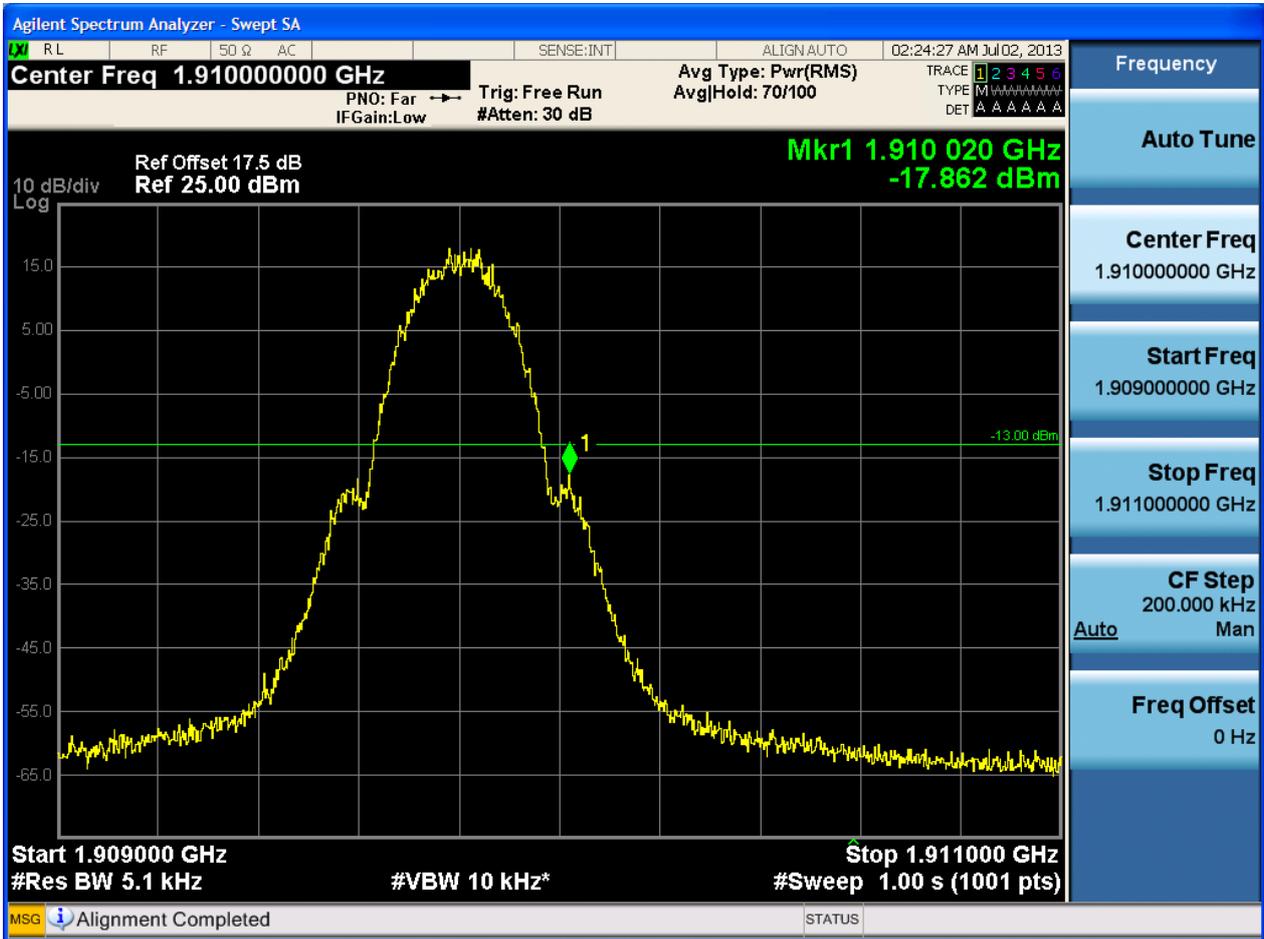
5.1.2.1 Test Mode = GSM/TM1

5.1.2.1.1 Test Channel = LCH





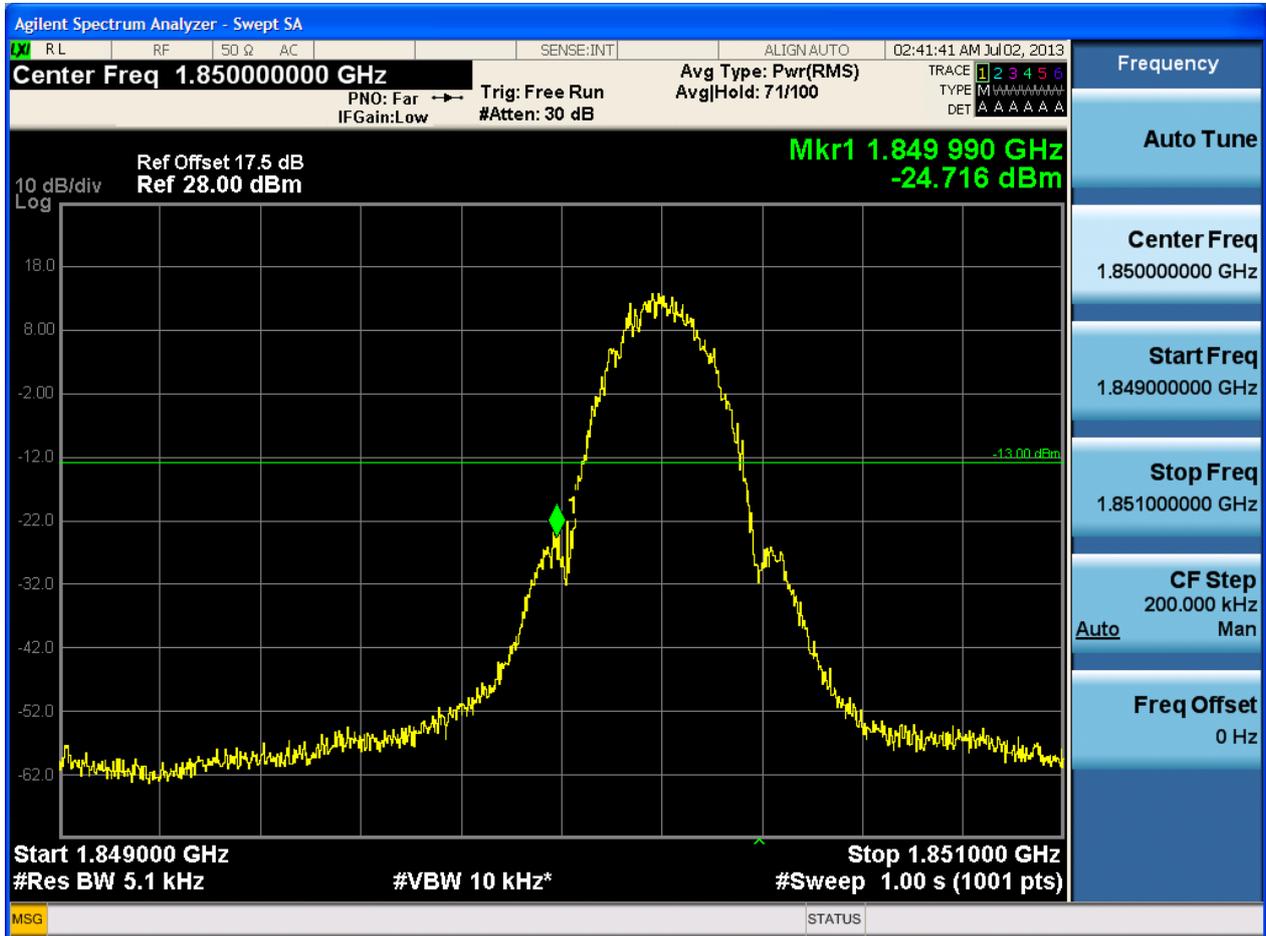
5.1.2.1.2 Test Channel = HCH



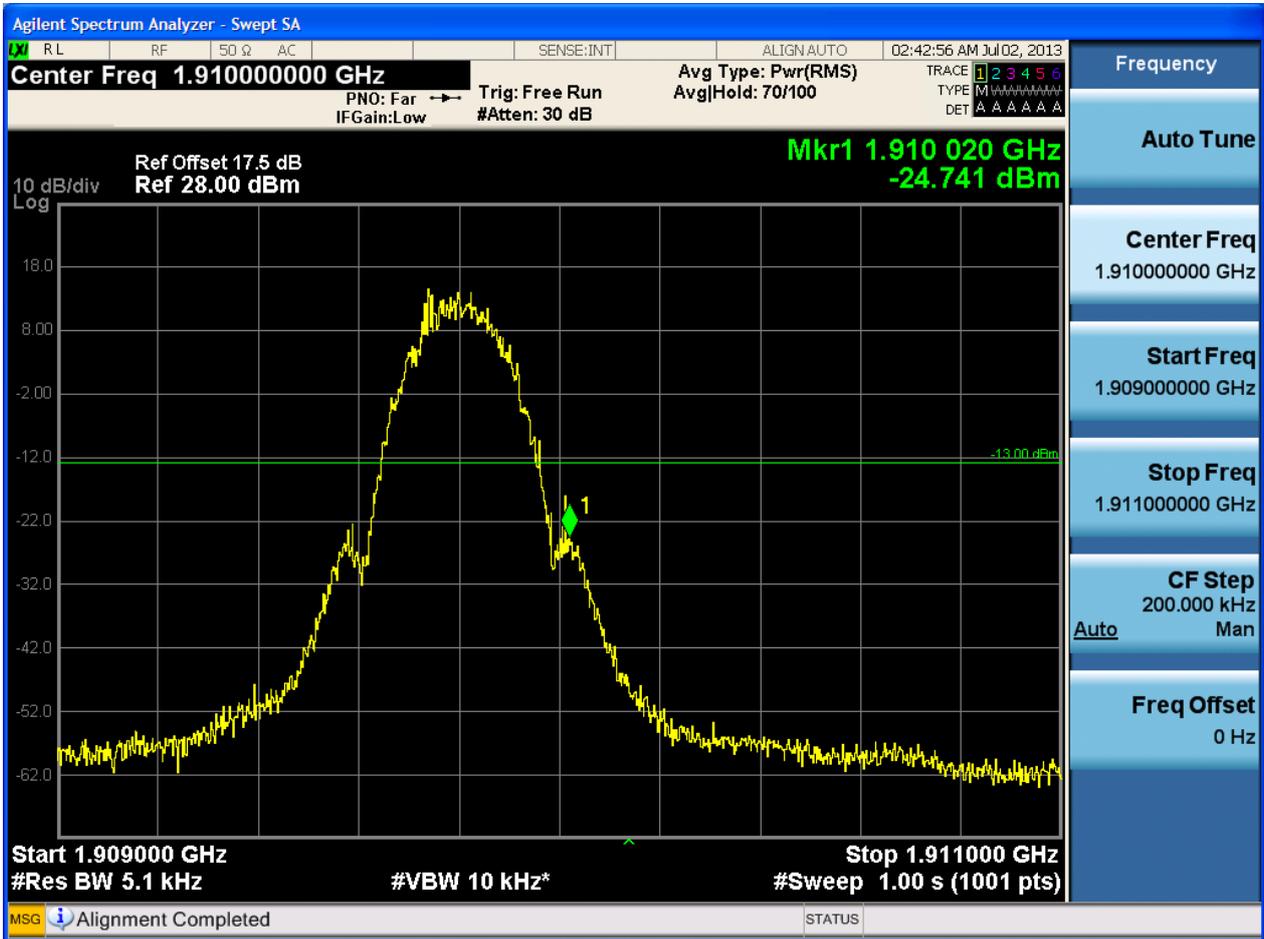


5.1.2.2 Test Mode = GSM/TM2

5.1.2.2.1 Test Channel = LCH



5.1.2.2.2 Test Channel = HCH



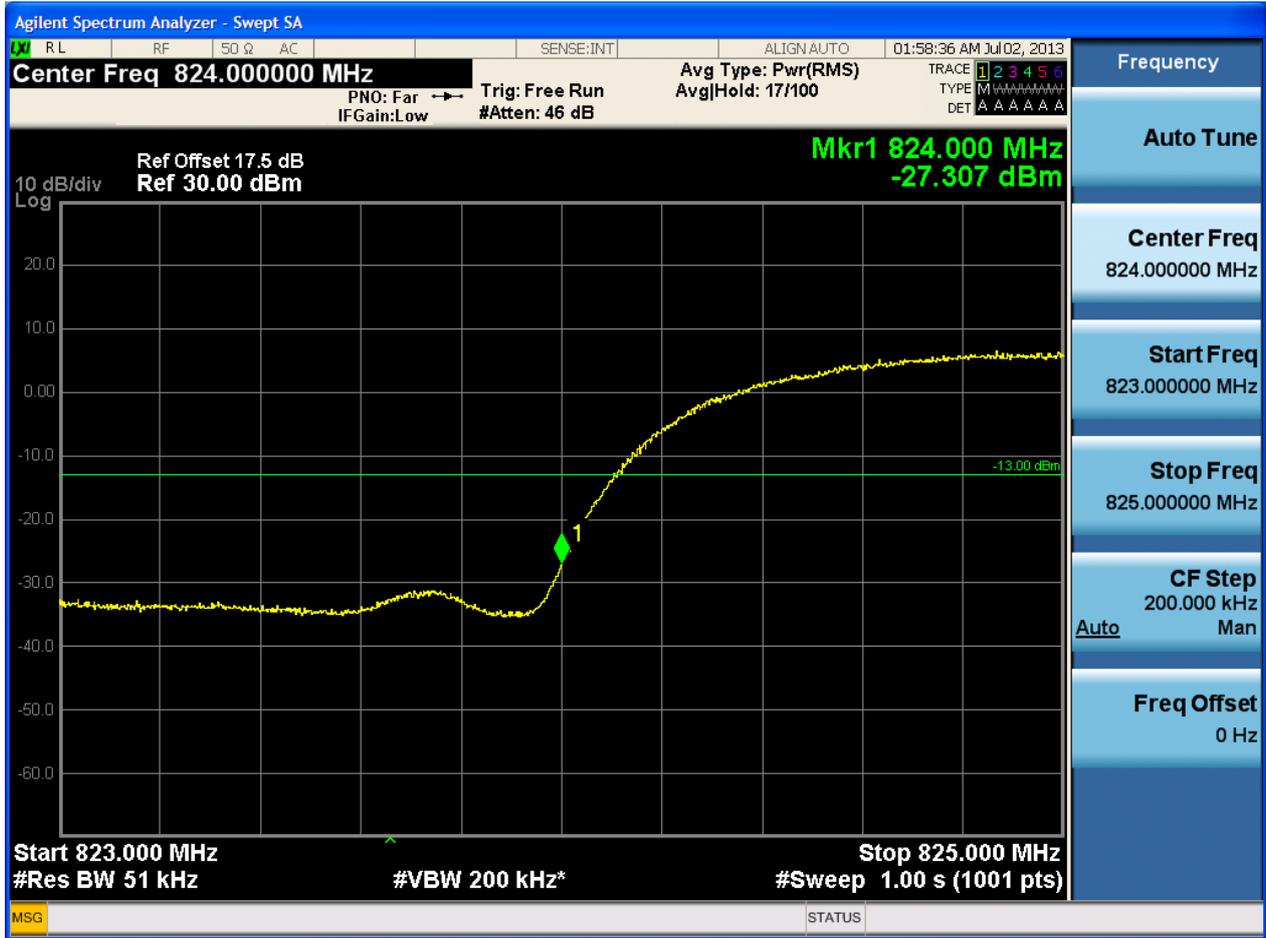


5.2 For UMTS

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.

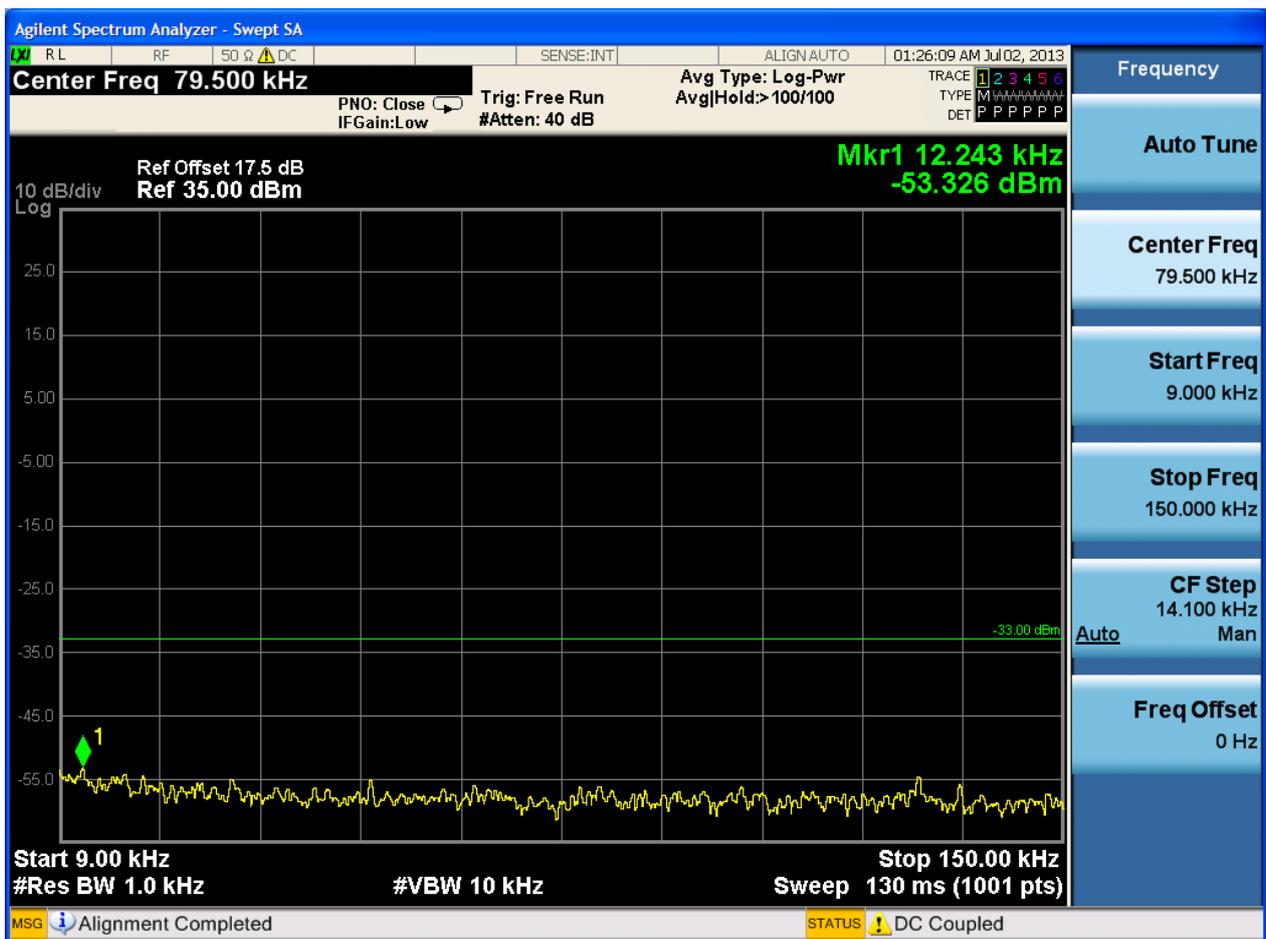
Part I - Test Plots

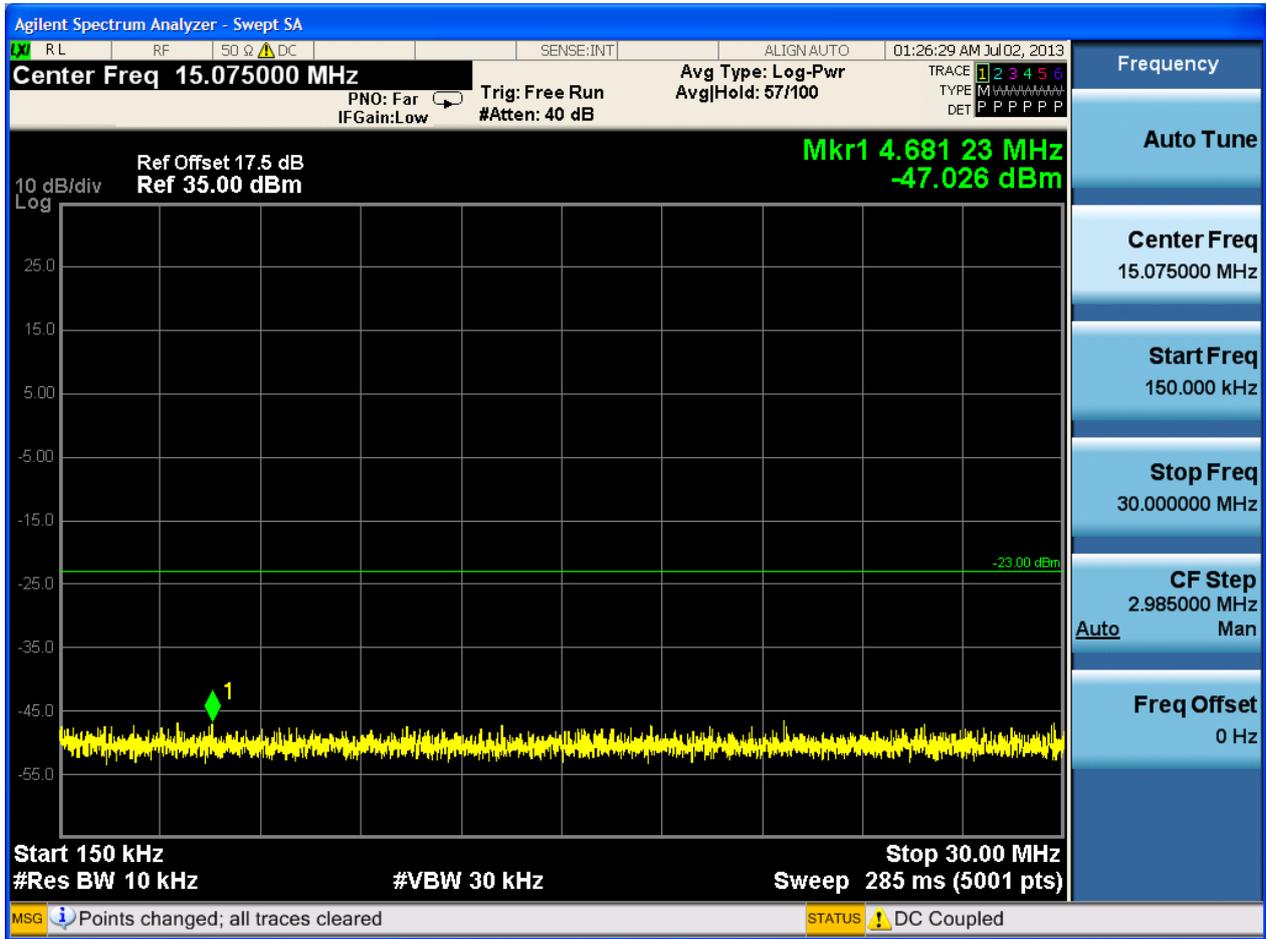
6.1 For GSM

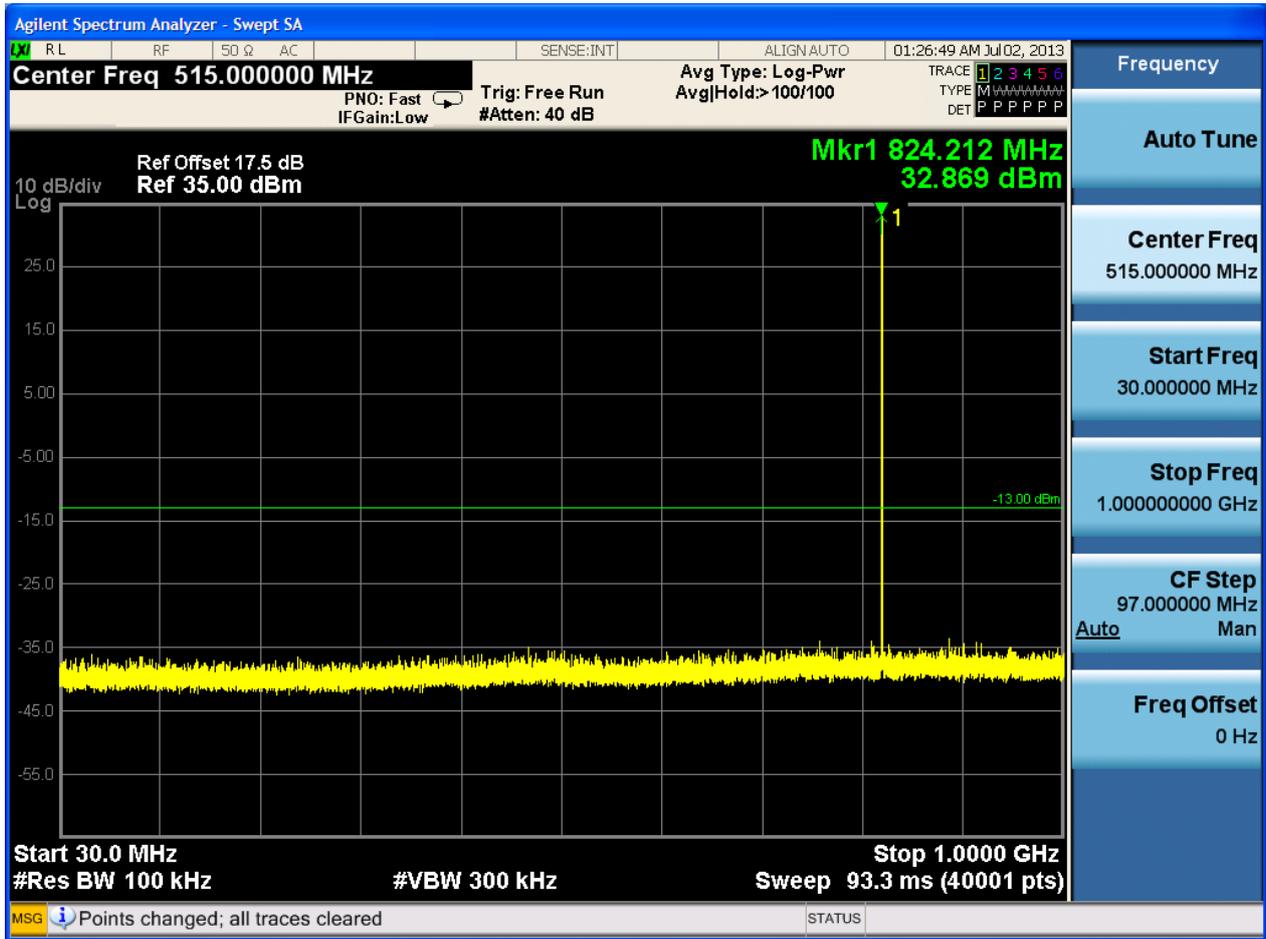
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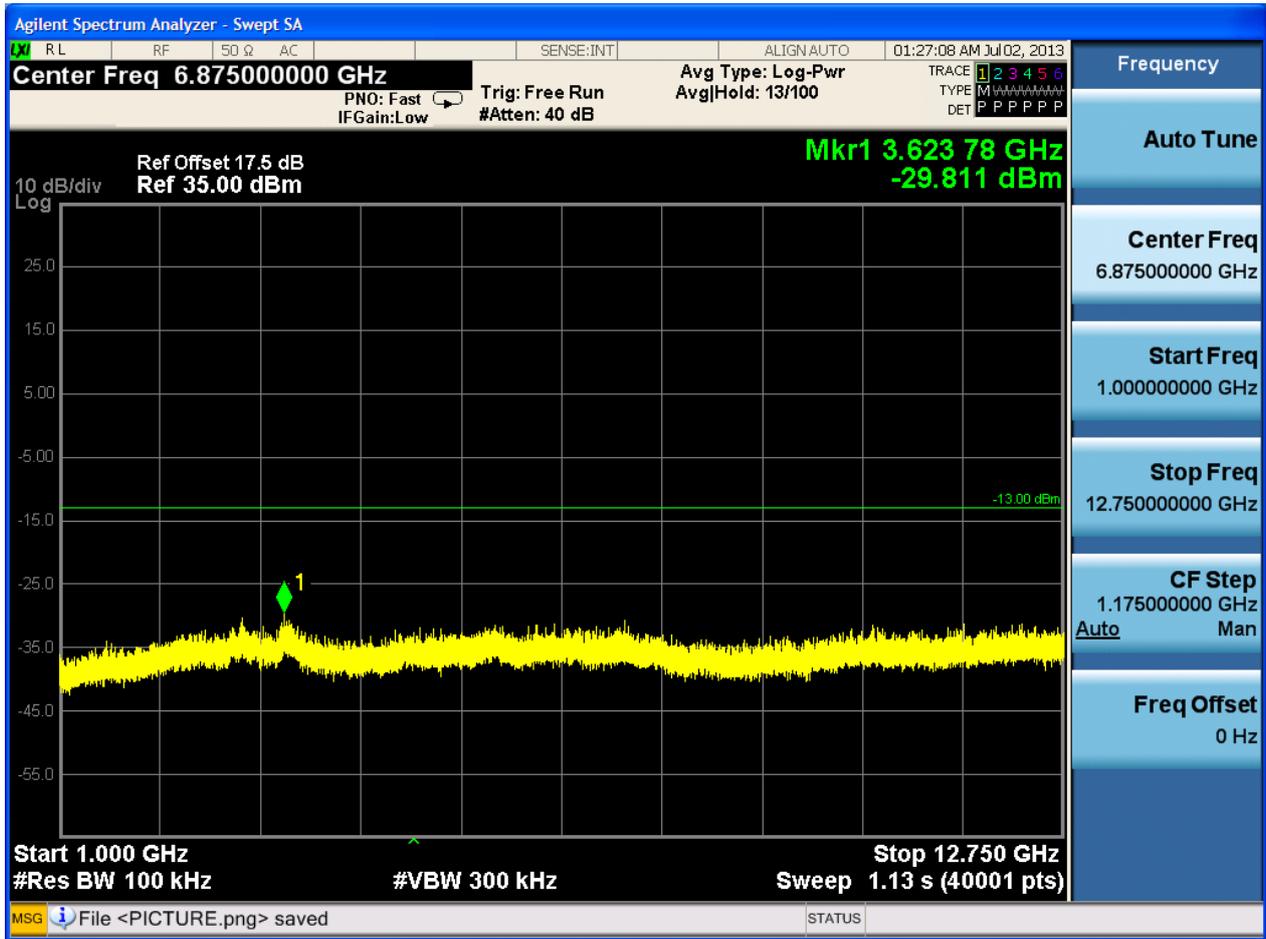
6.1.1.1 Test Mode = GSM/TM1

6.1.1.1.1 Test Channel = LCH



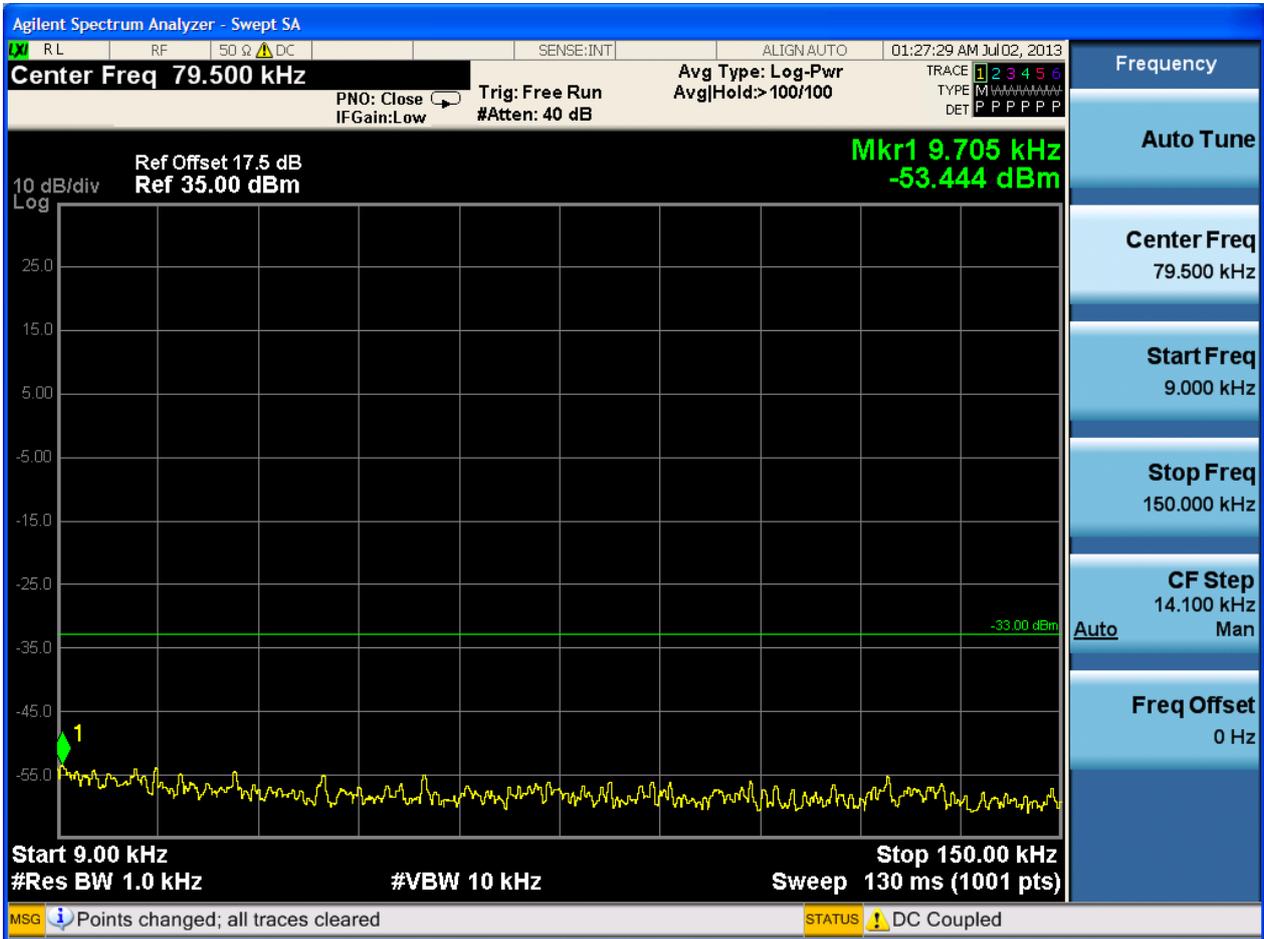


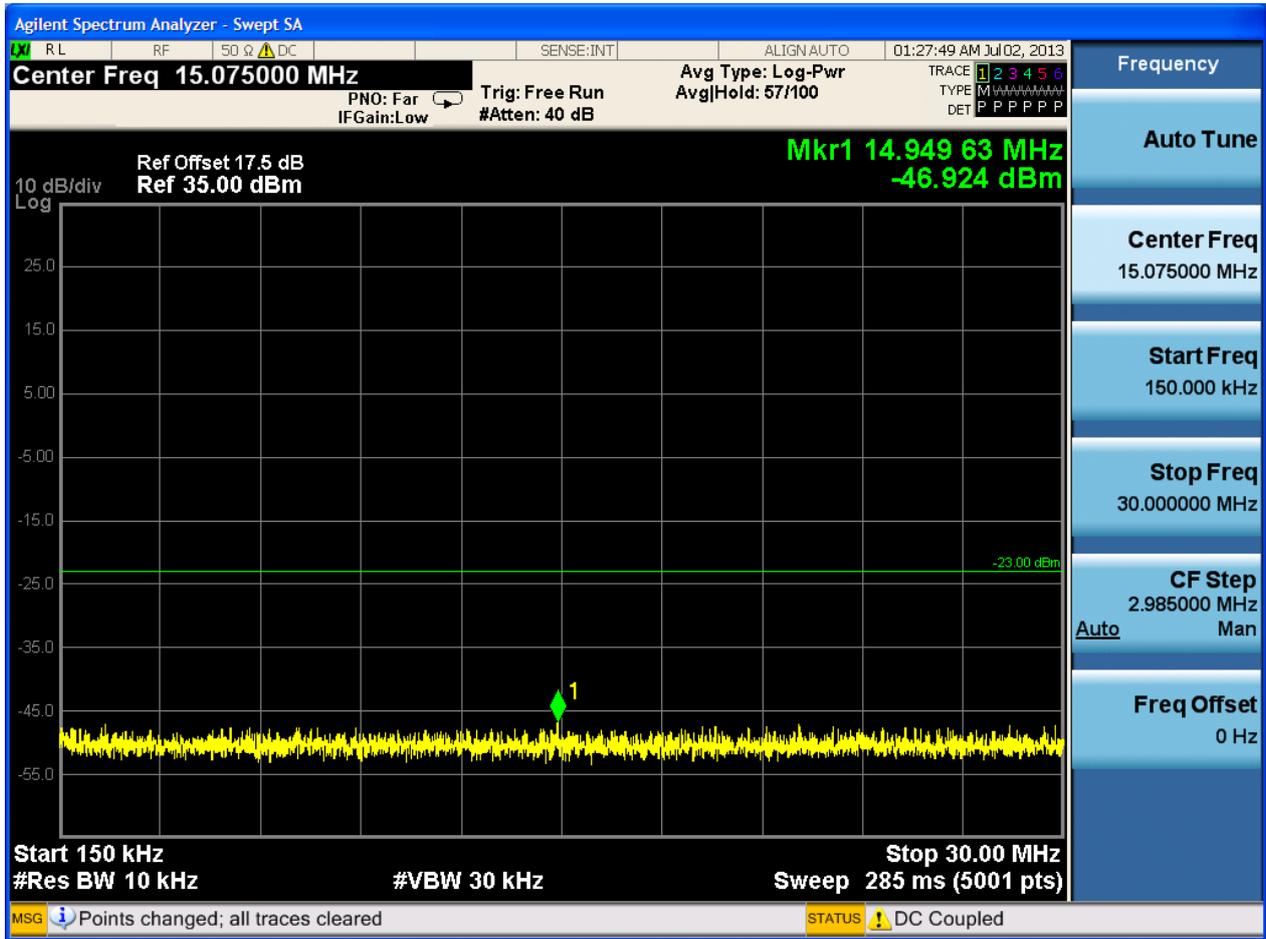


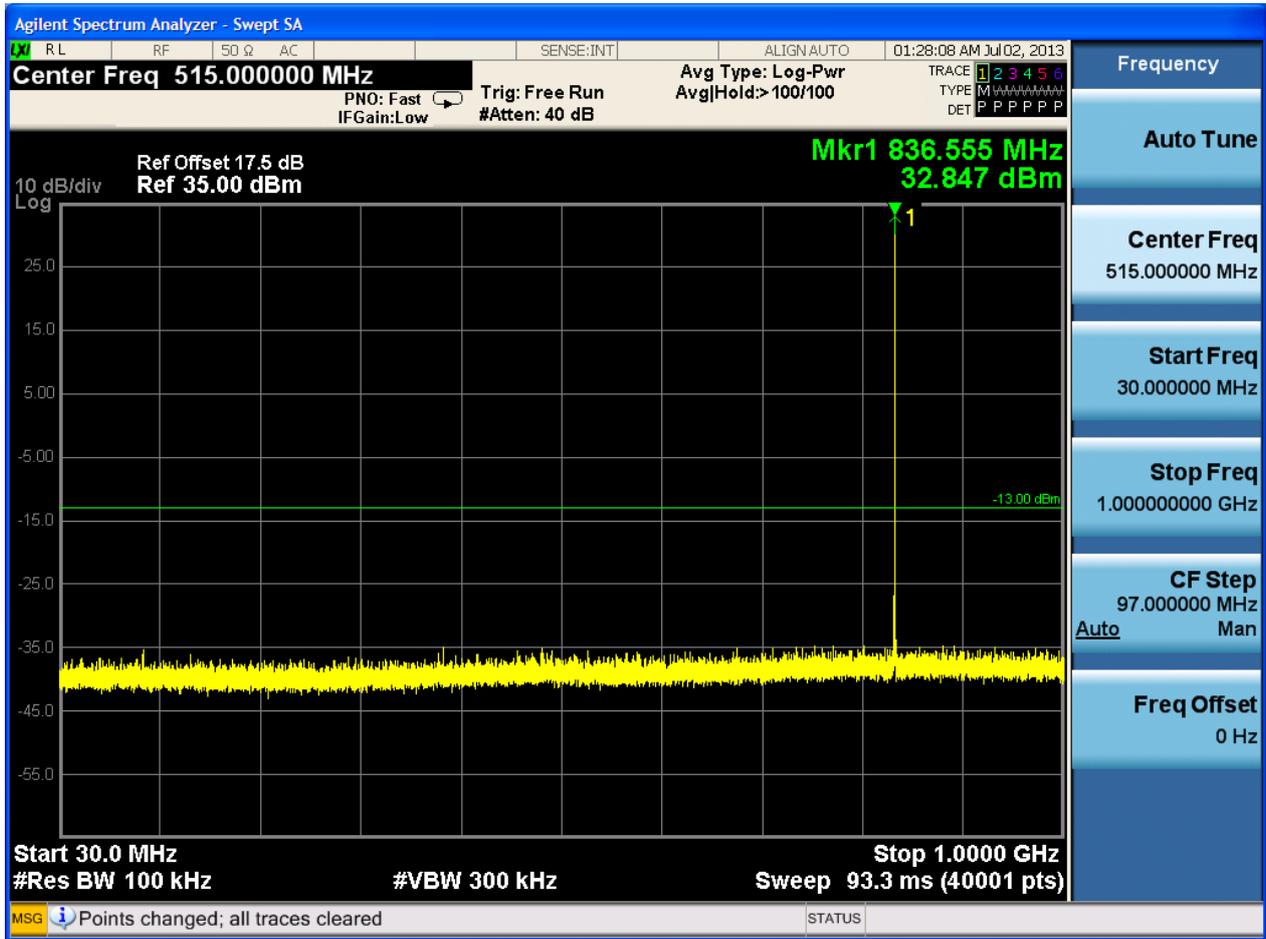




6.1.1.1.2 Test Channel = MCH

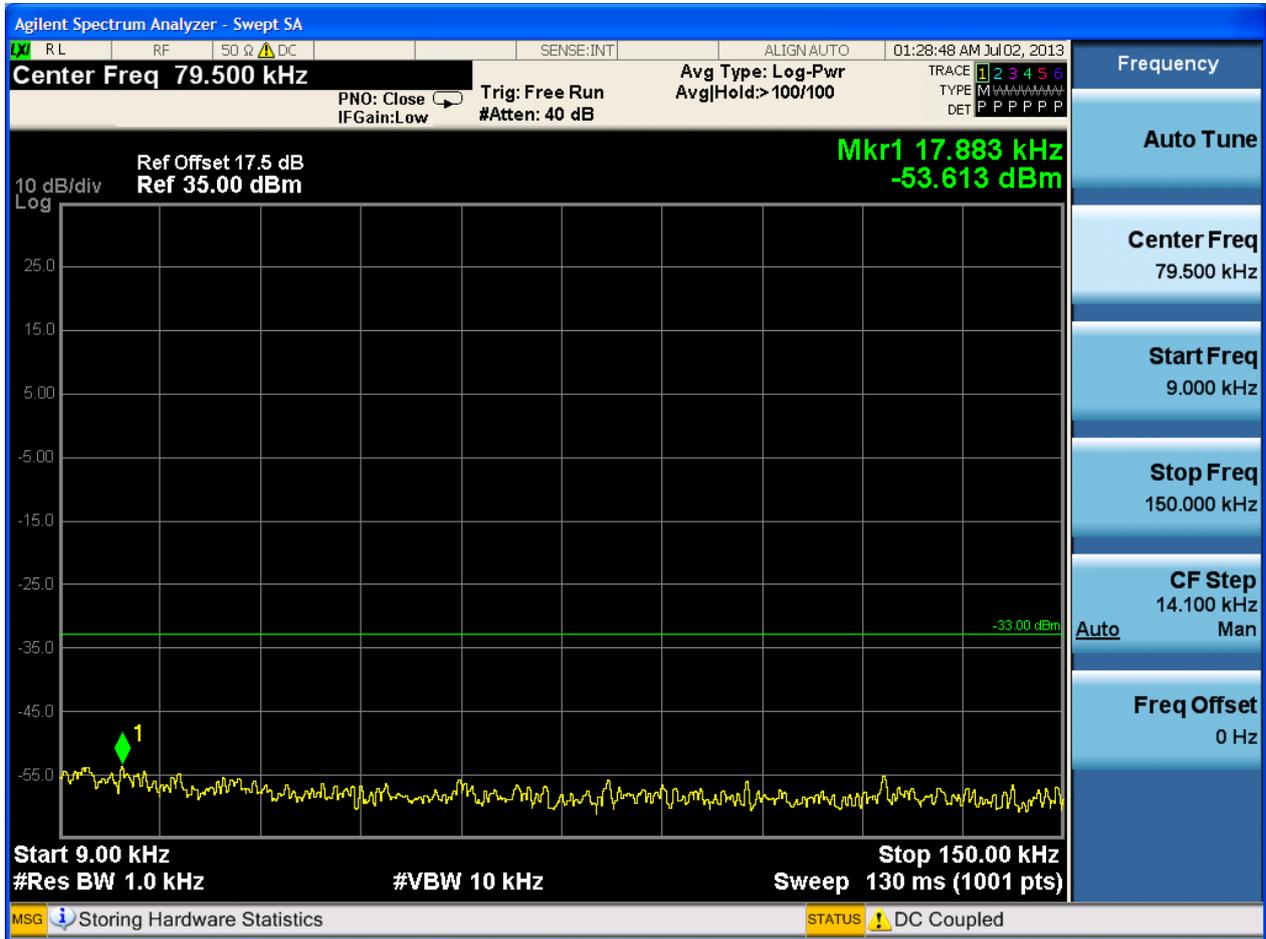


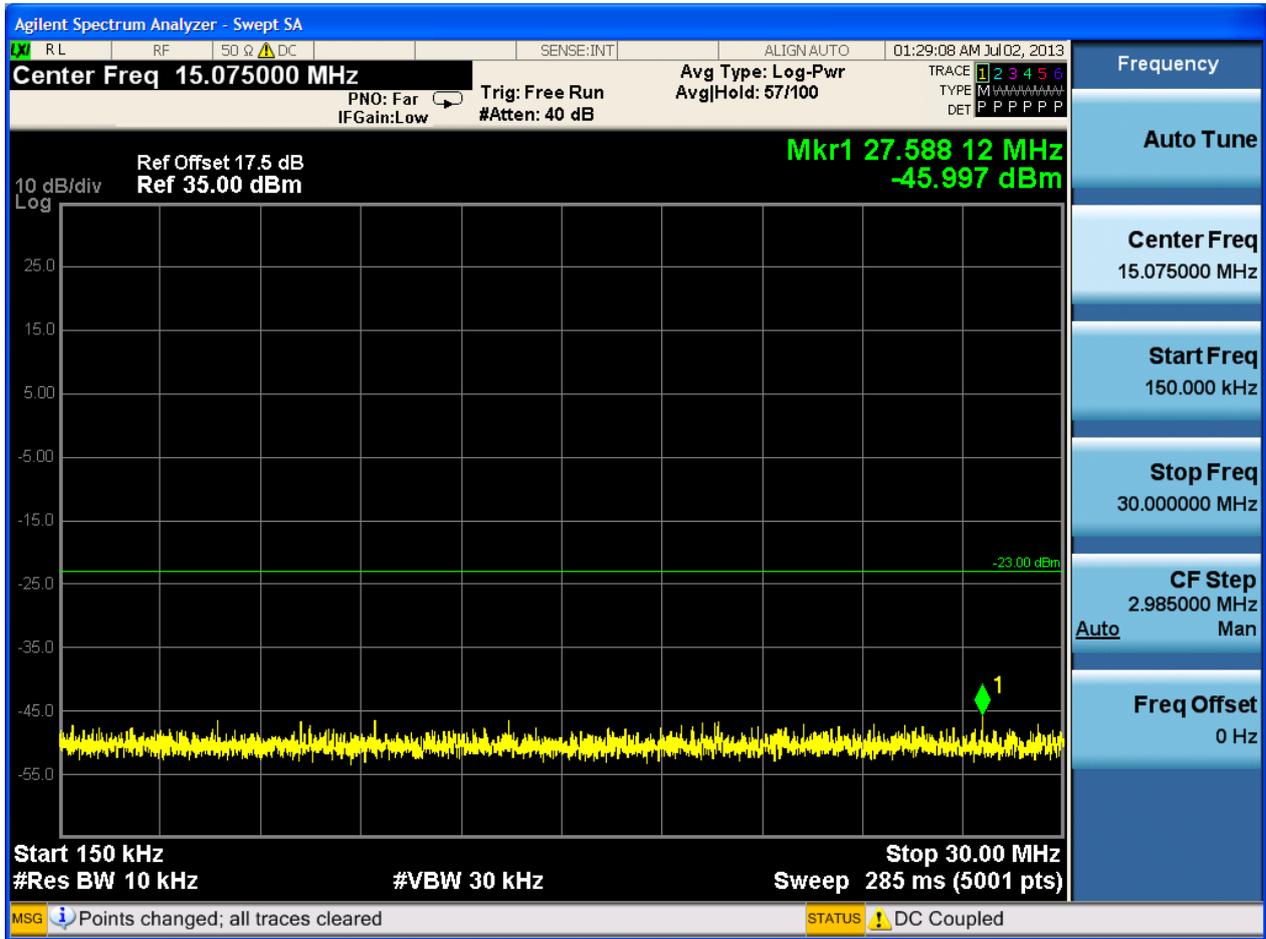


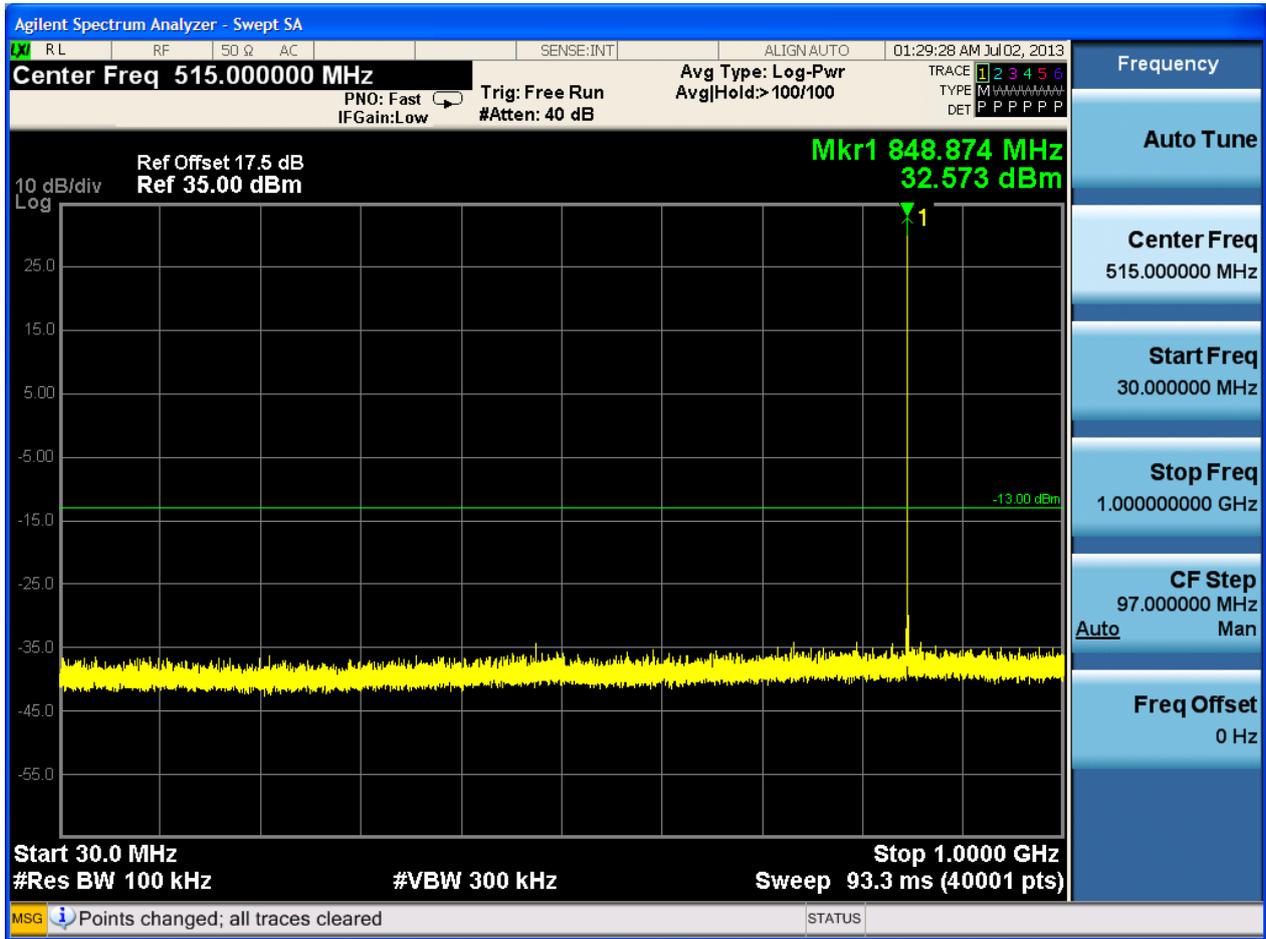


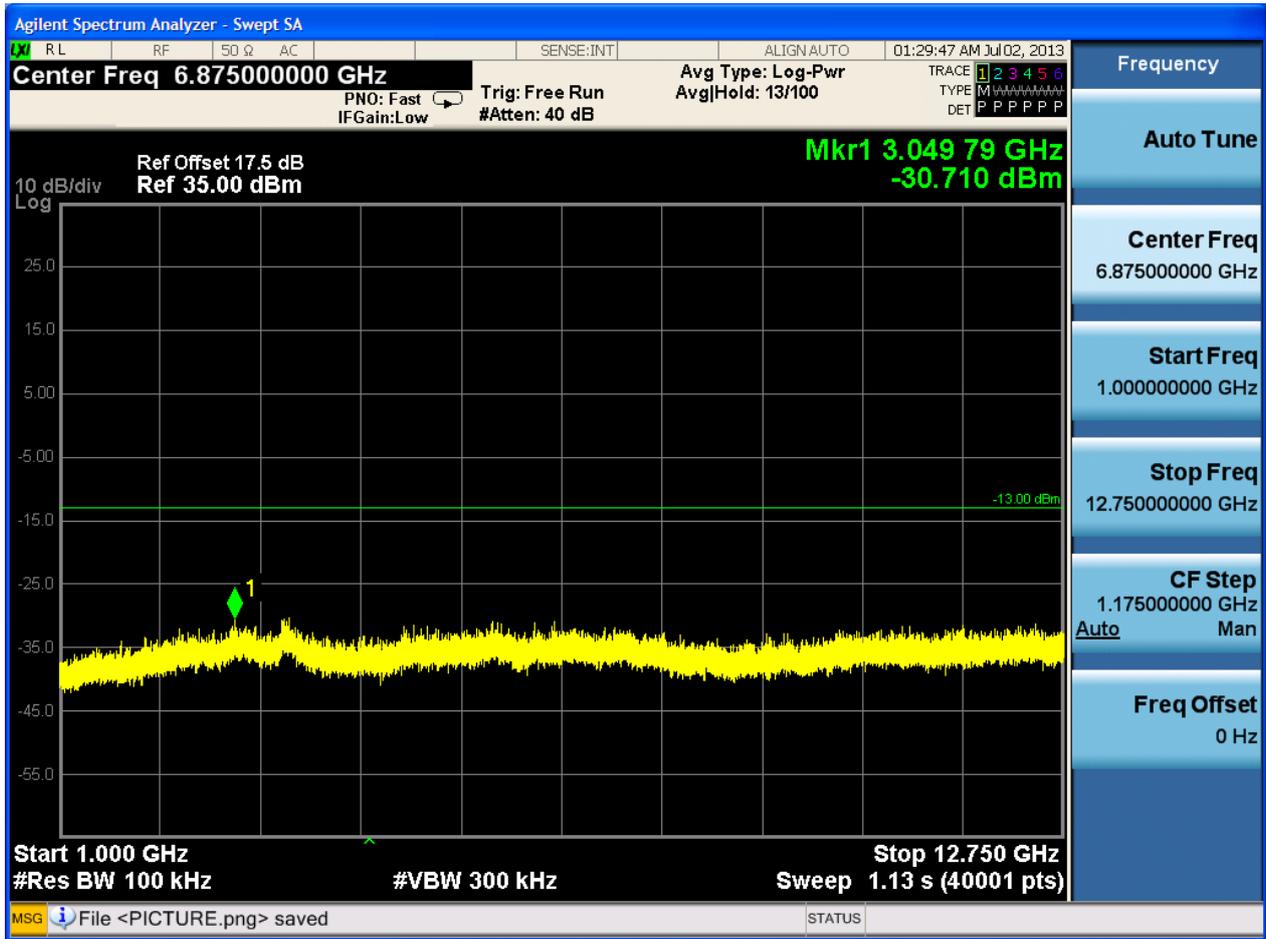


6.1.1.1.3 Test Channel = HCH





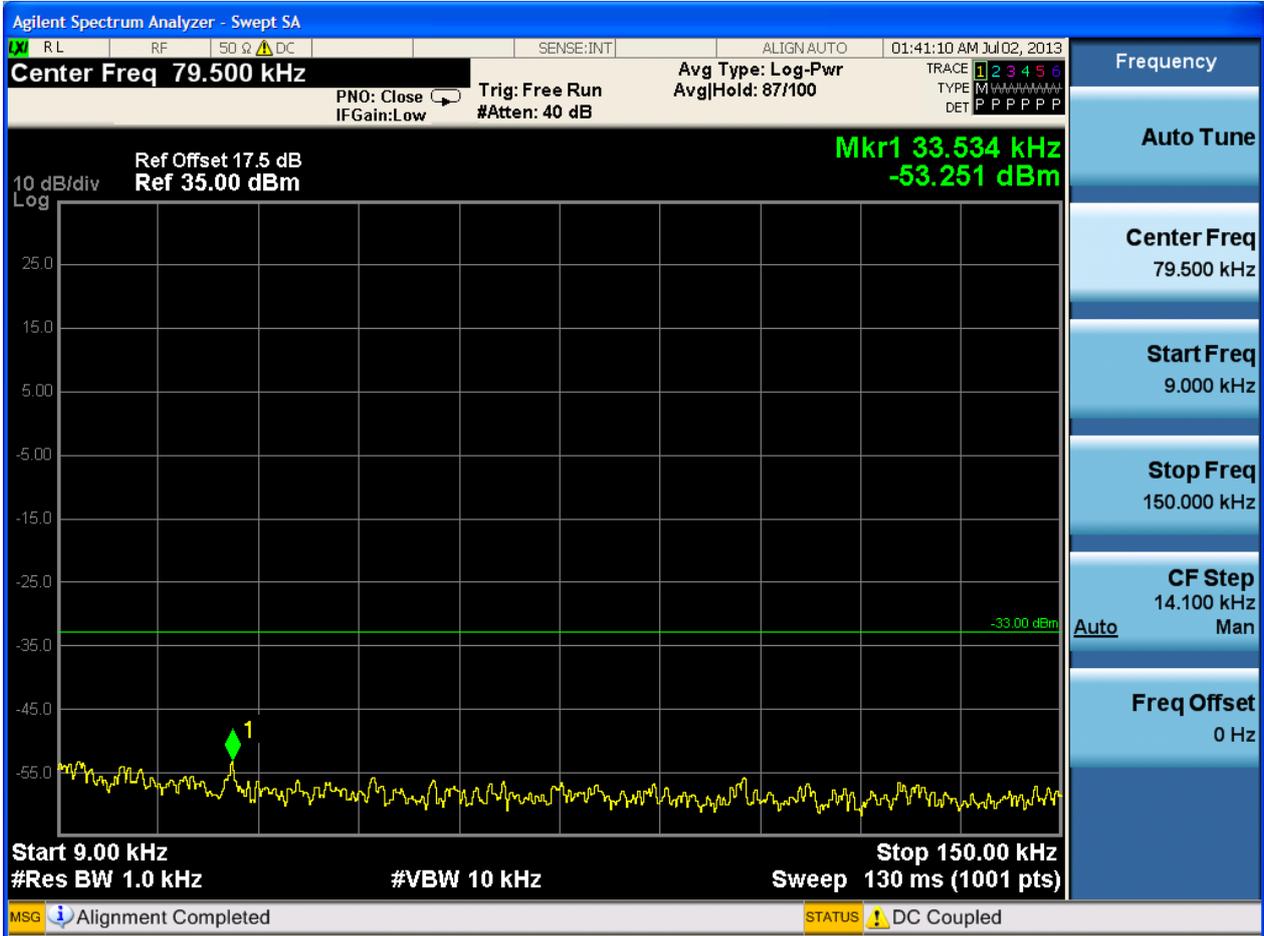


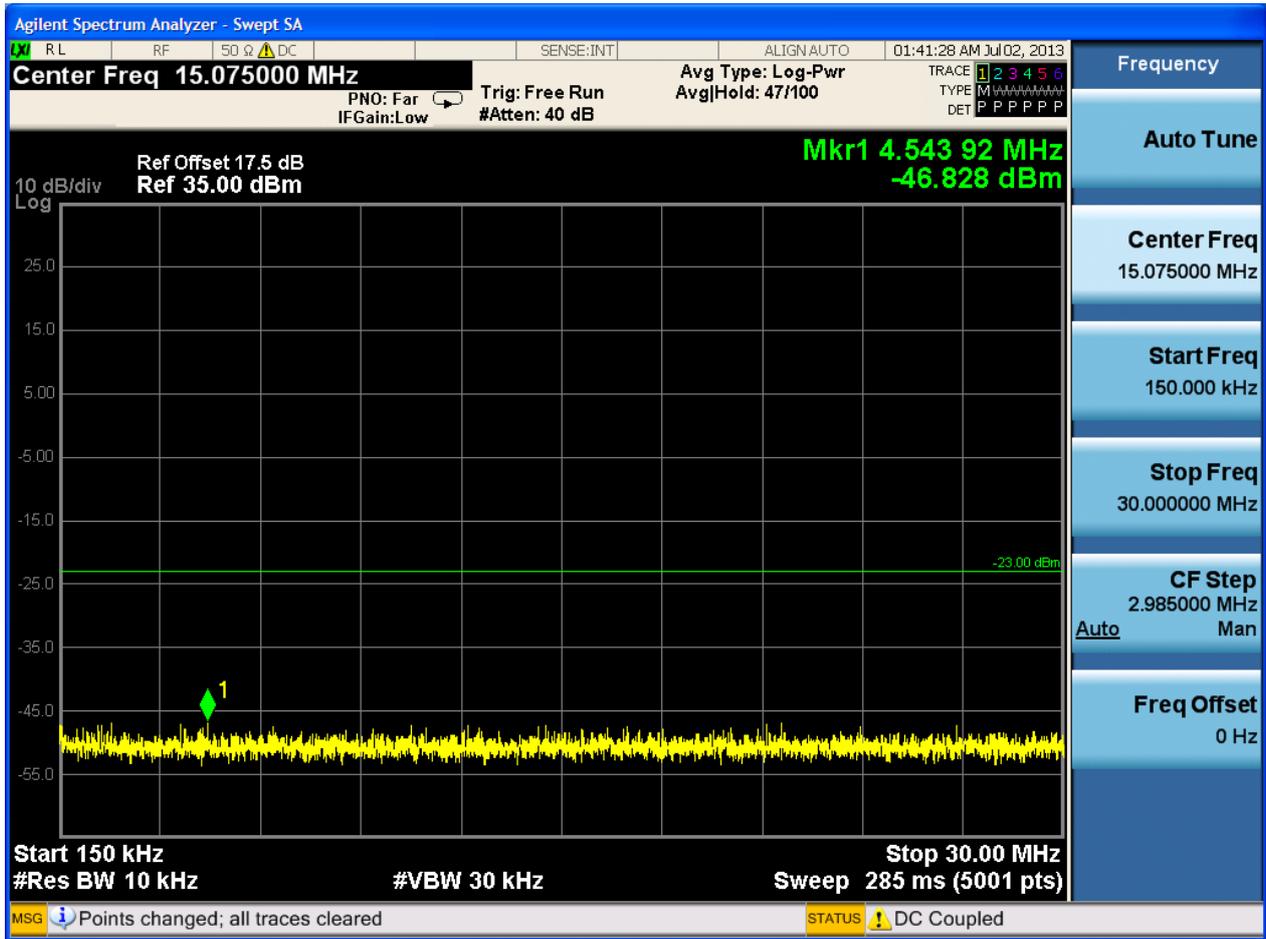


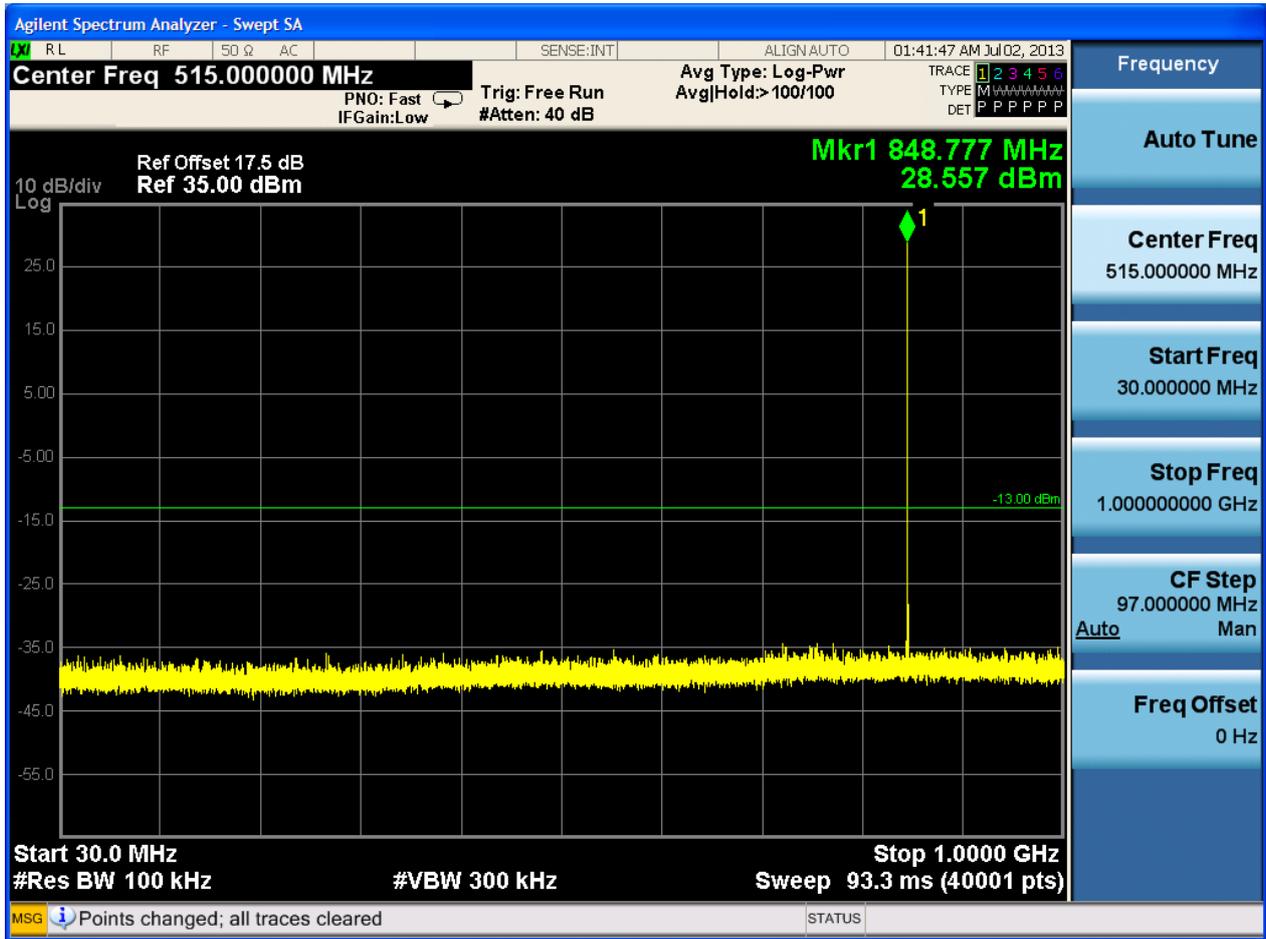


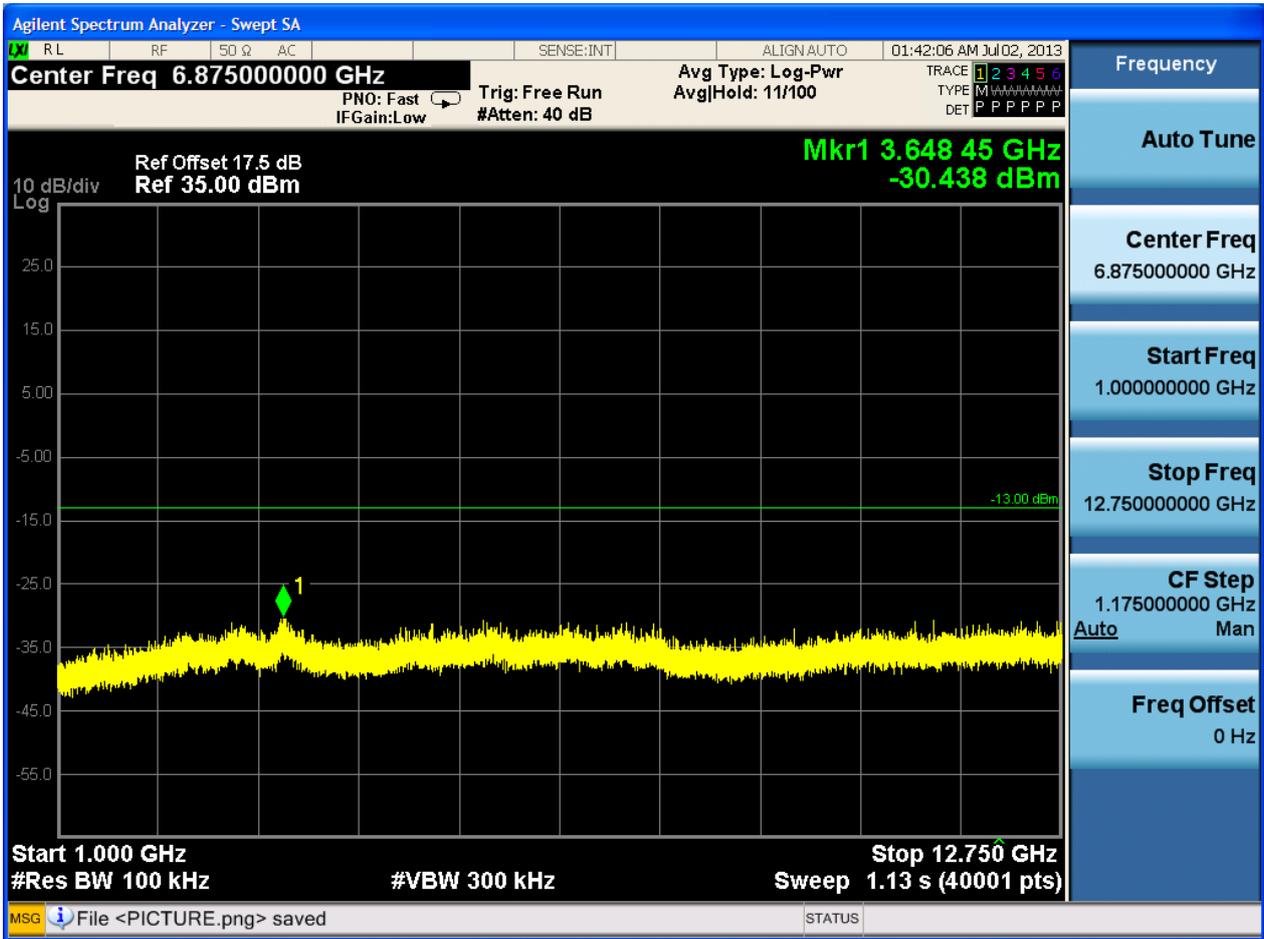
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6.1.1.2.1 Test Channel = LCH



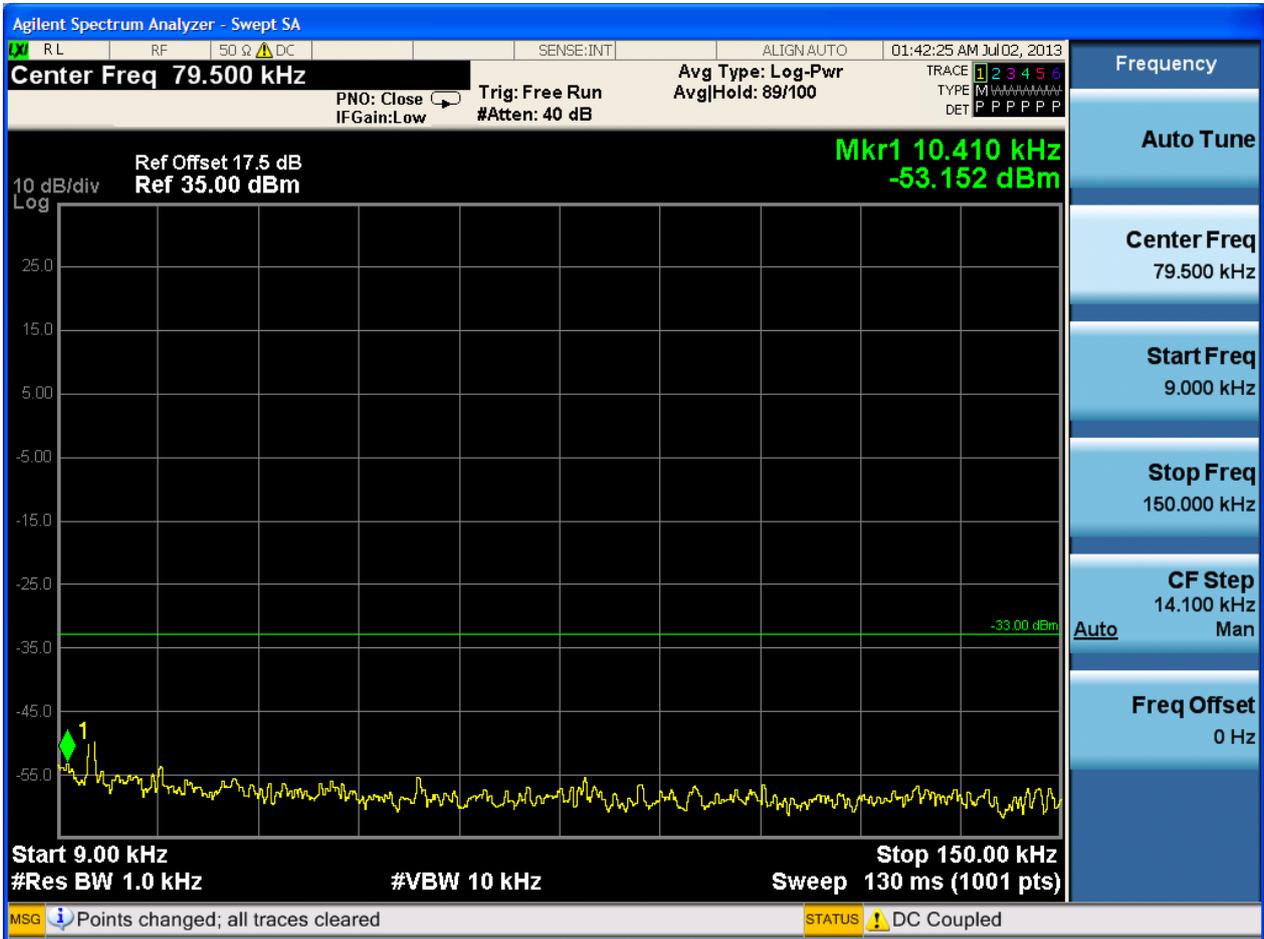


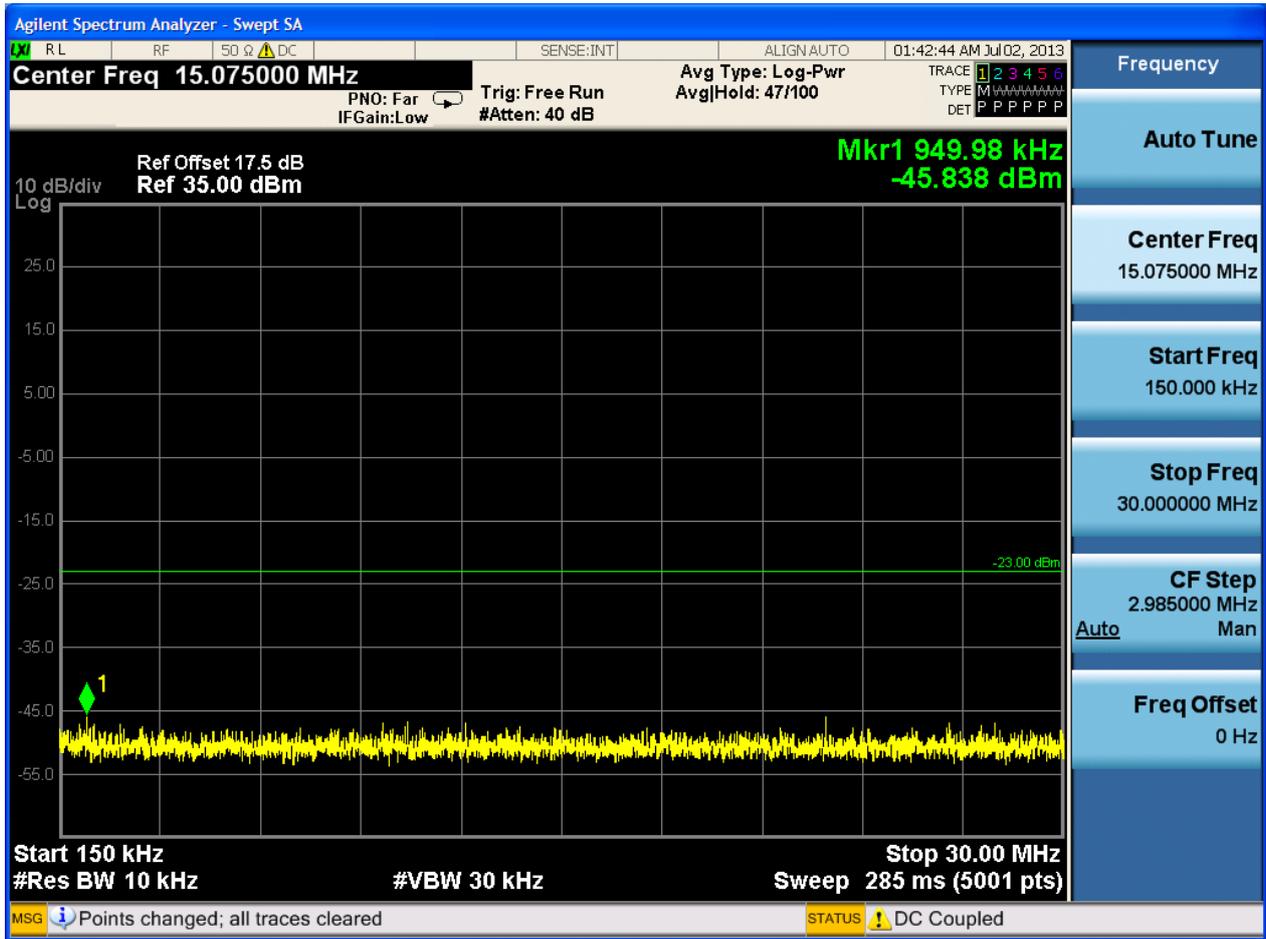


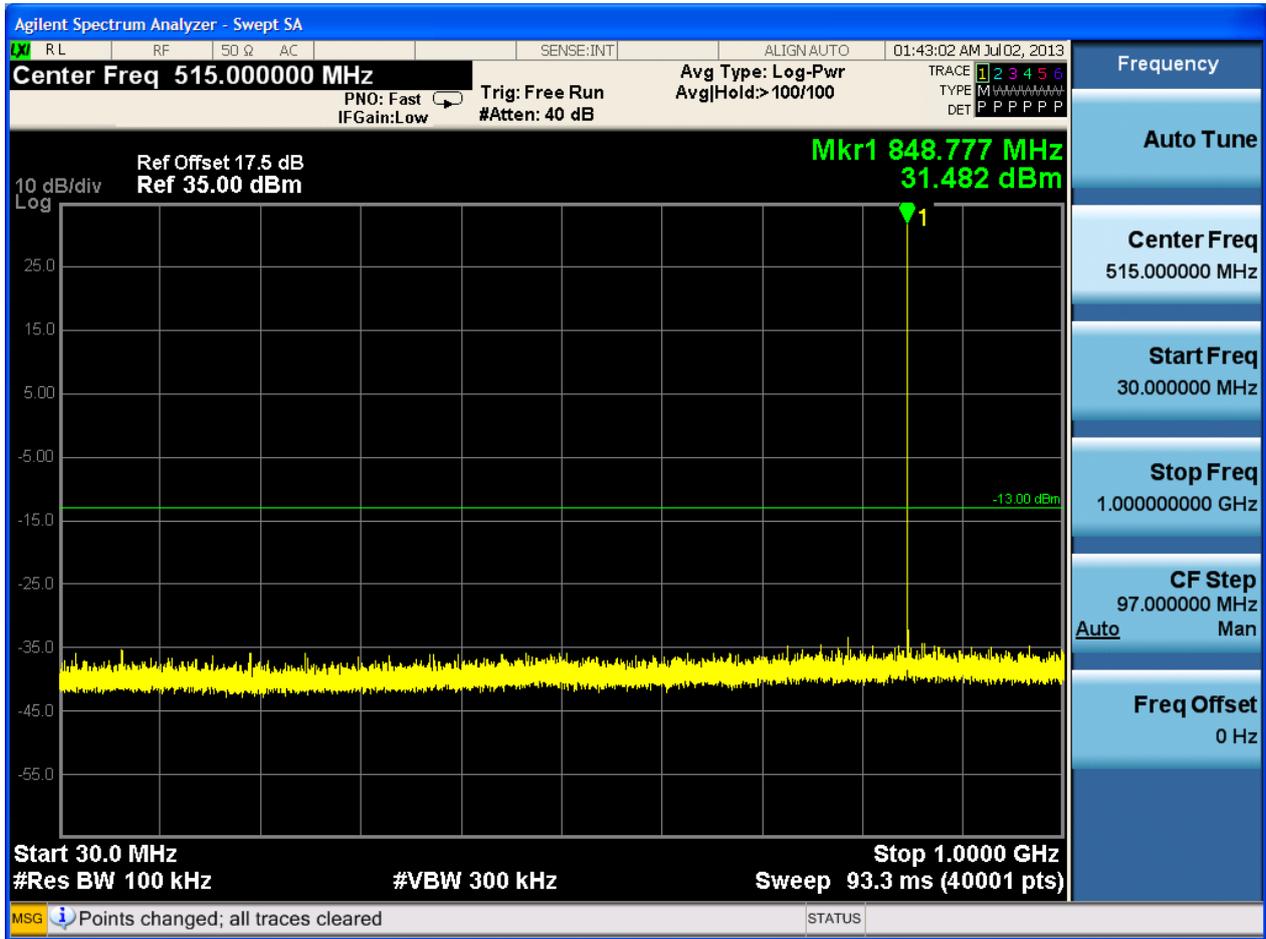


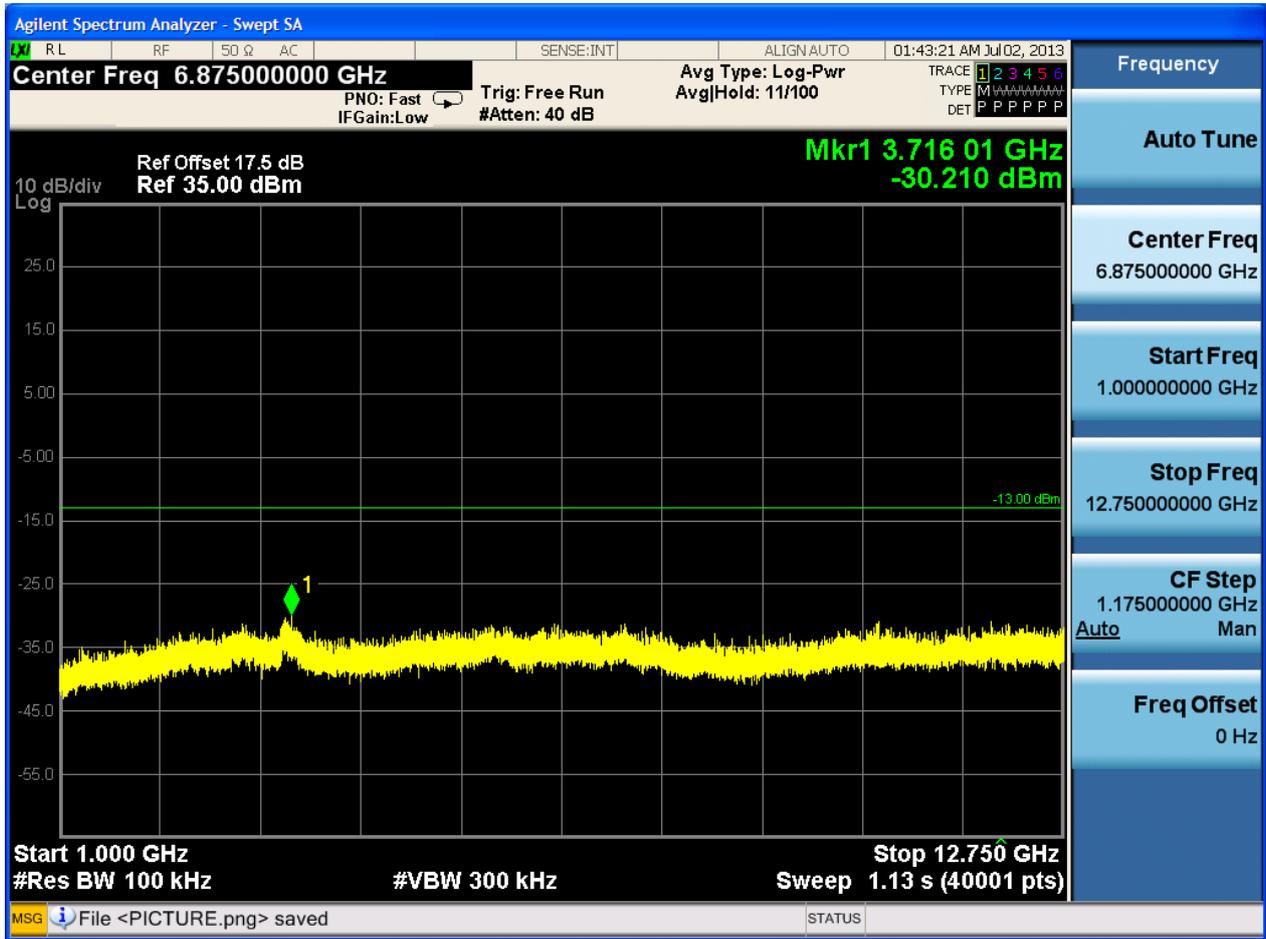


6.1.1.2.2 Test Channel = MCH



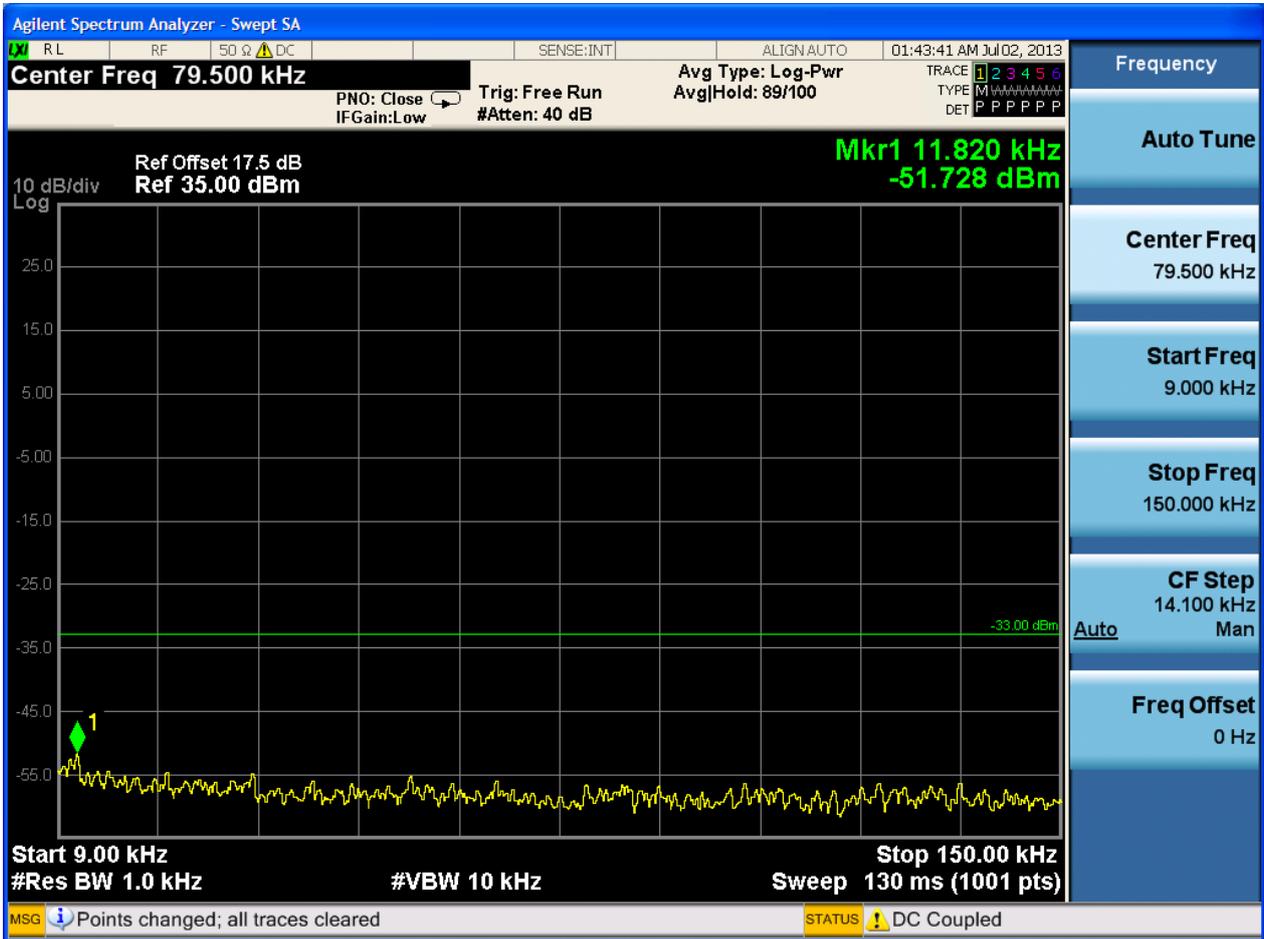


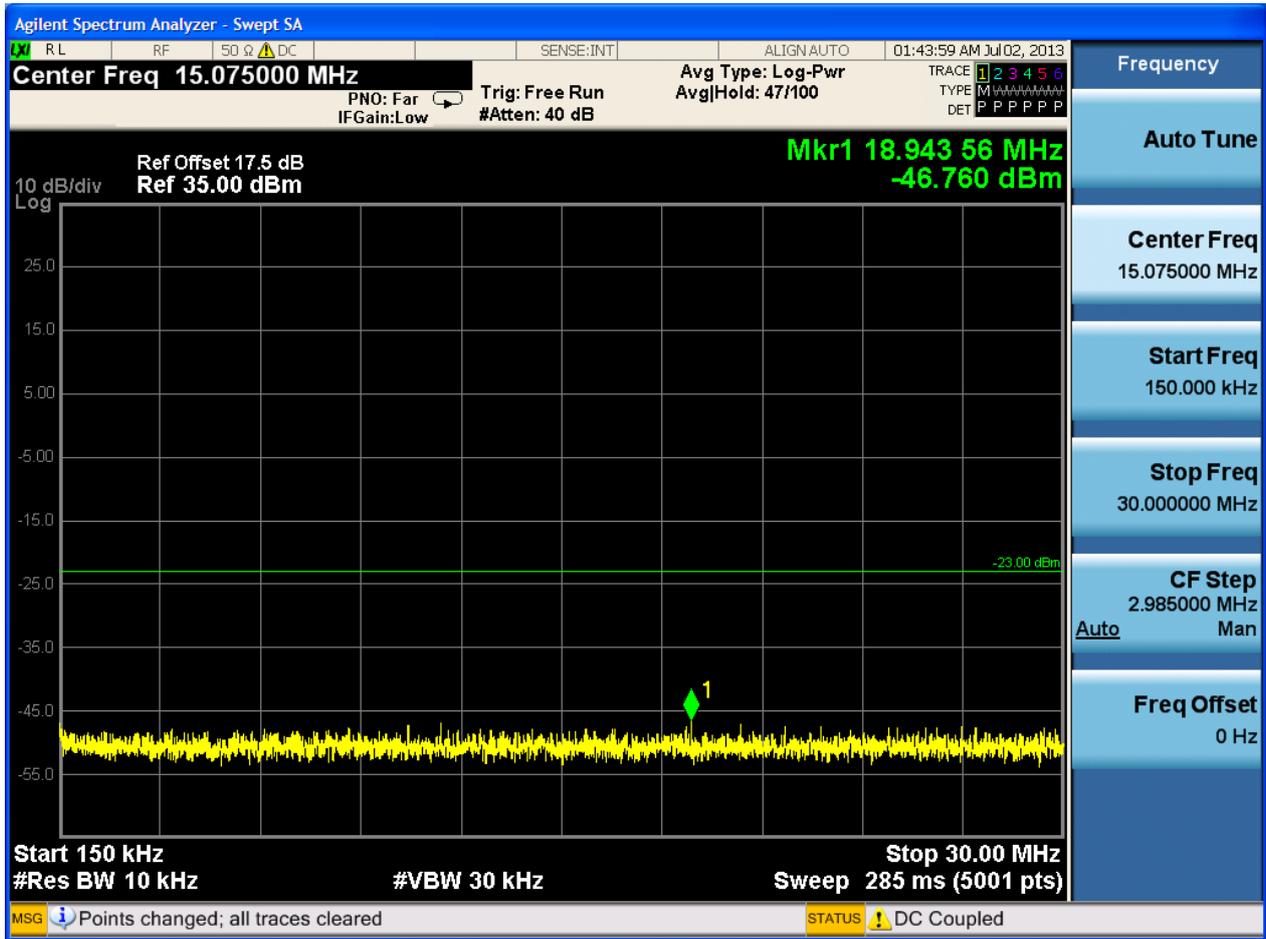


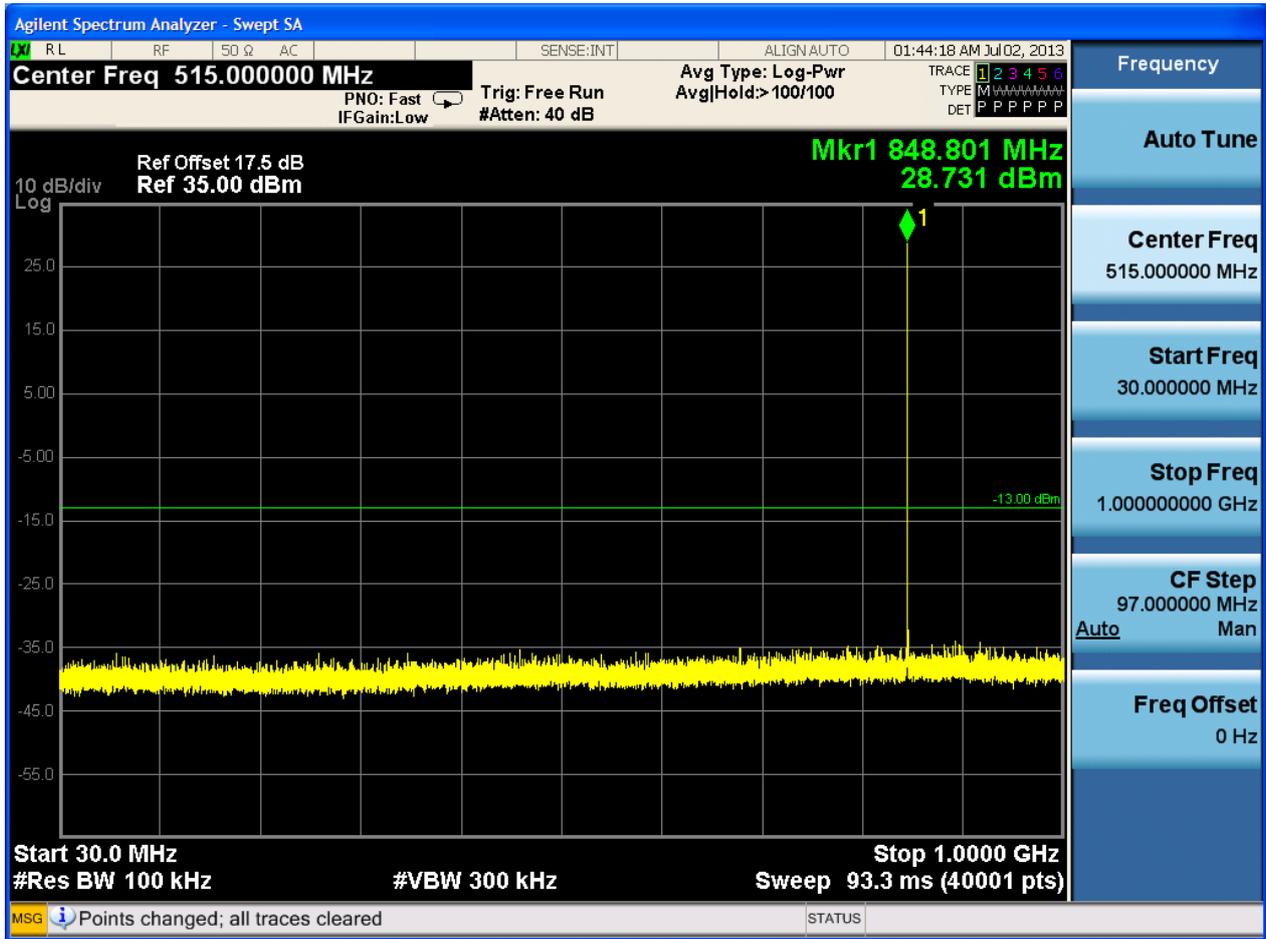


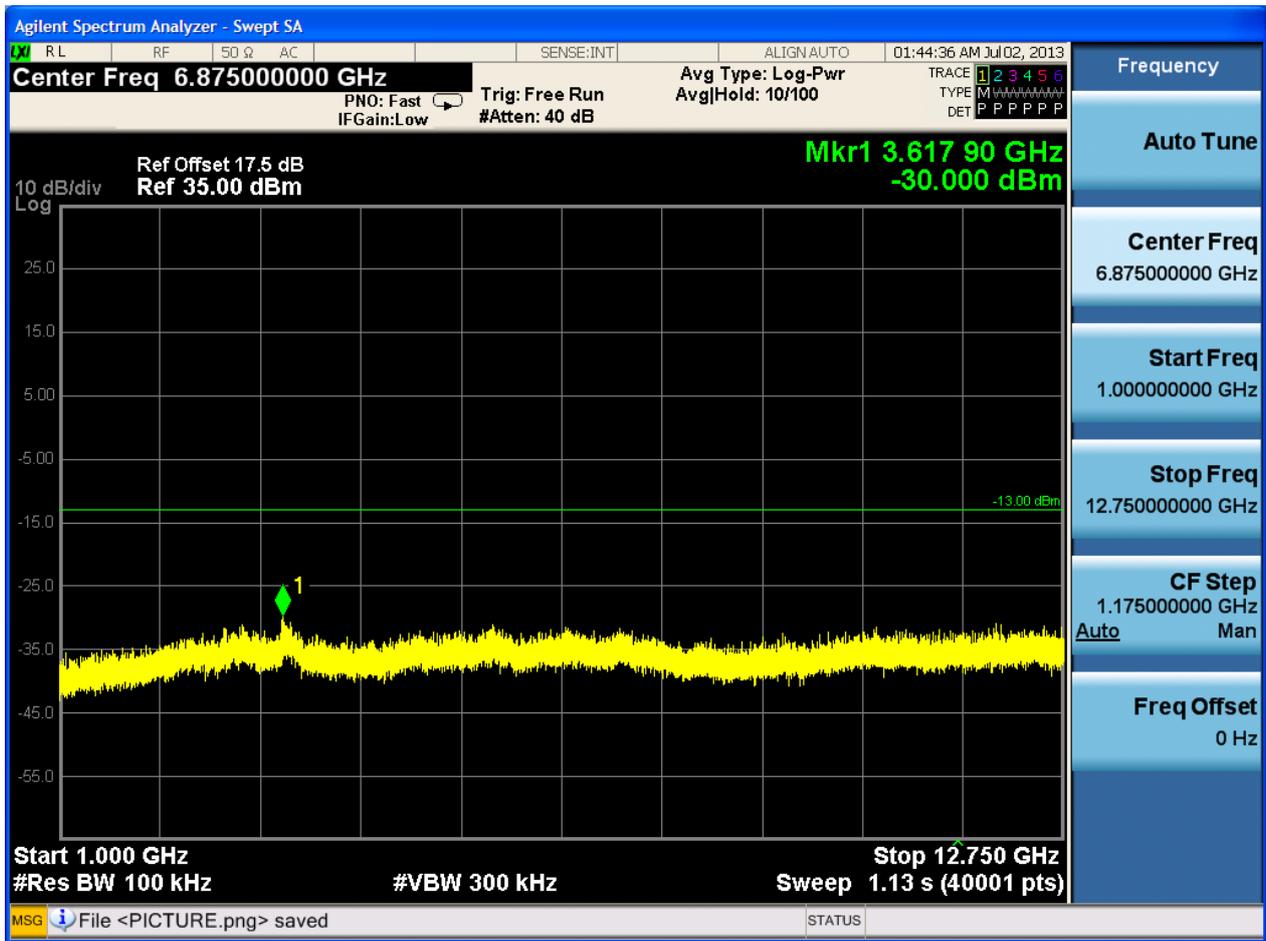


6.1.1.2.3 Test Channel = HCH







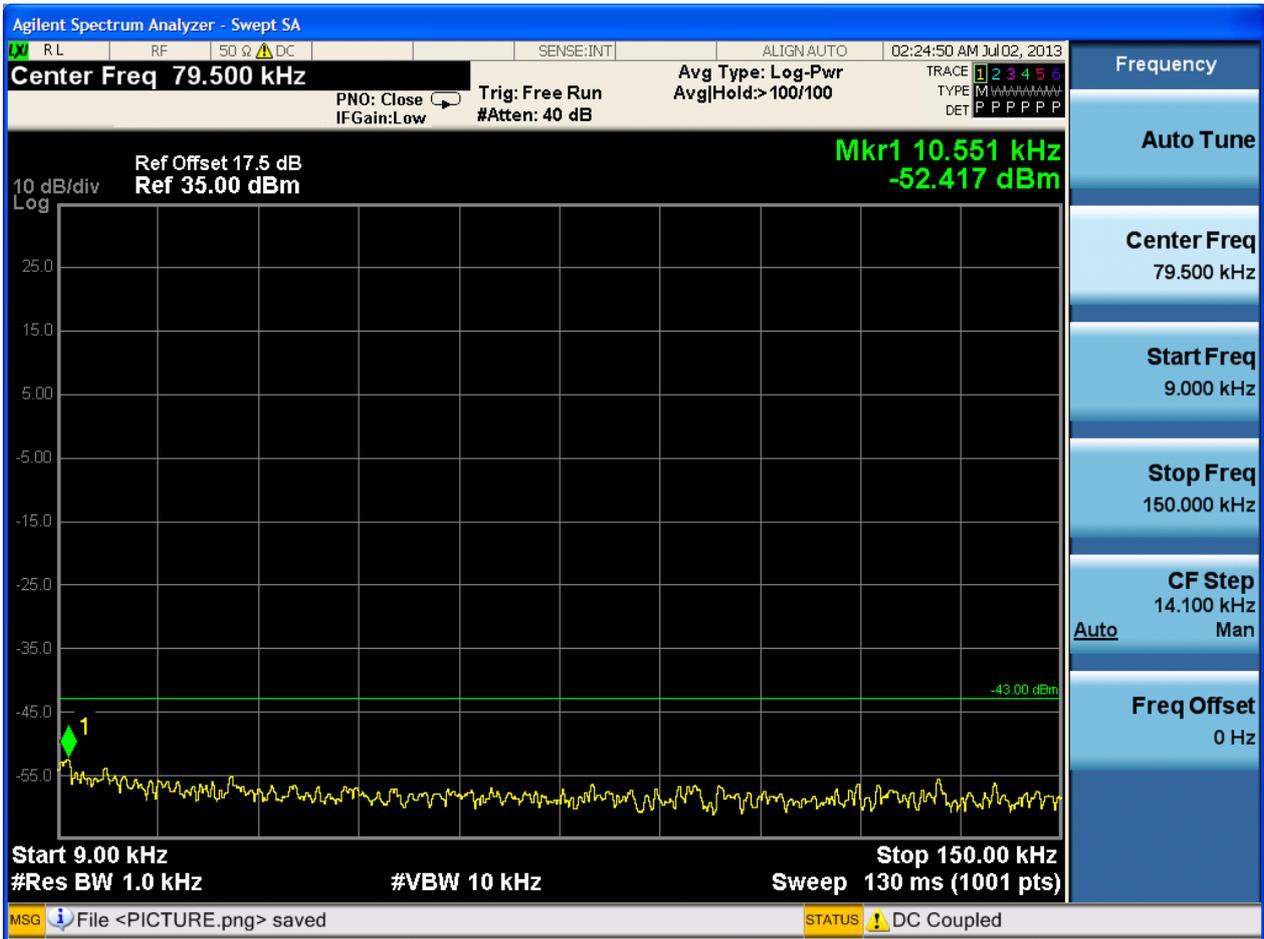


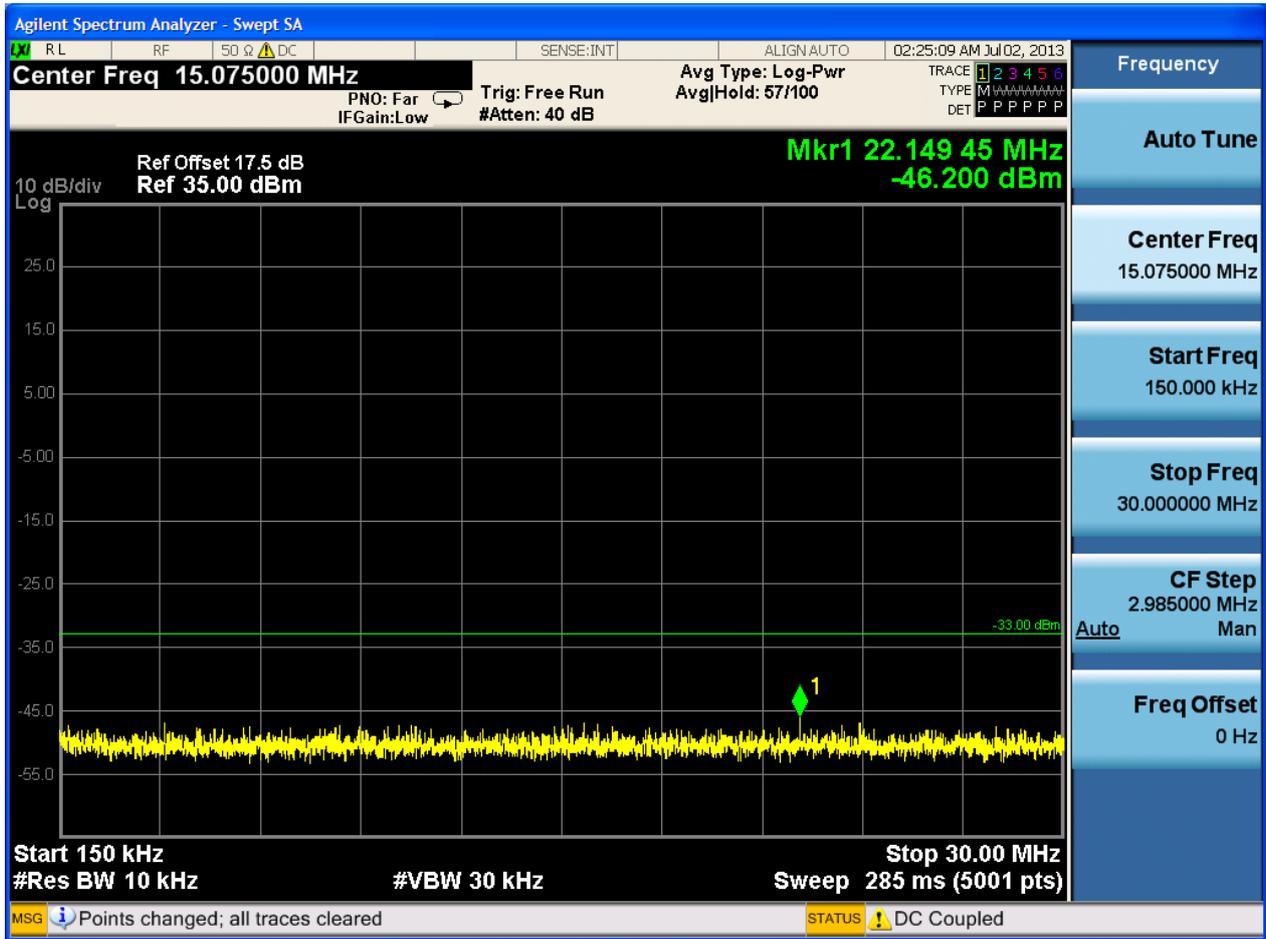


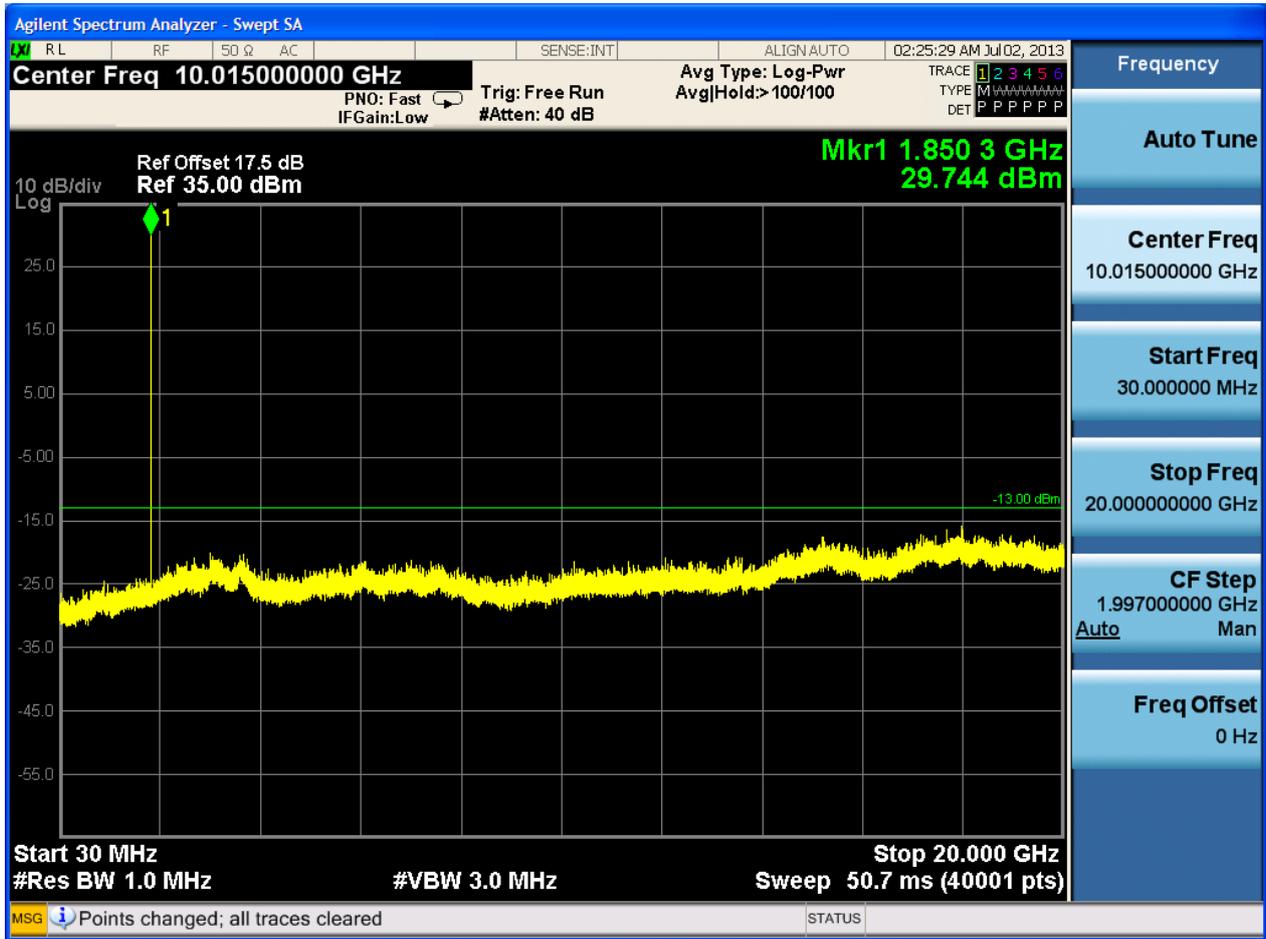
6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

6.1.2.1.1 Test Channel = LCH

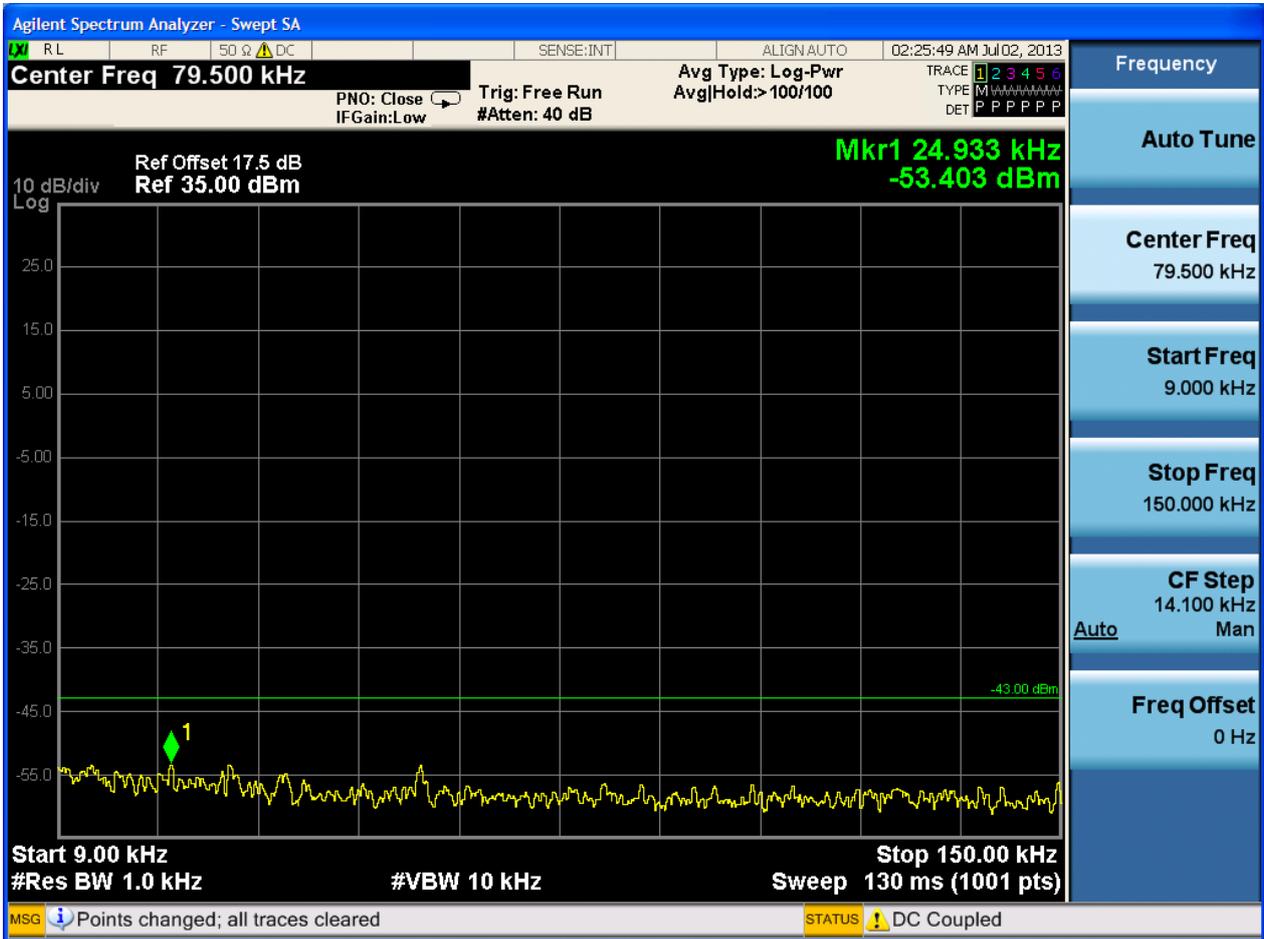


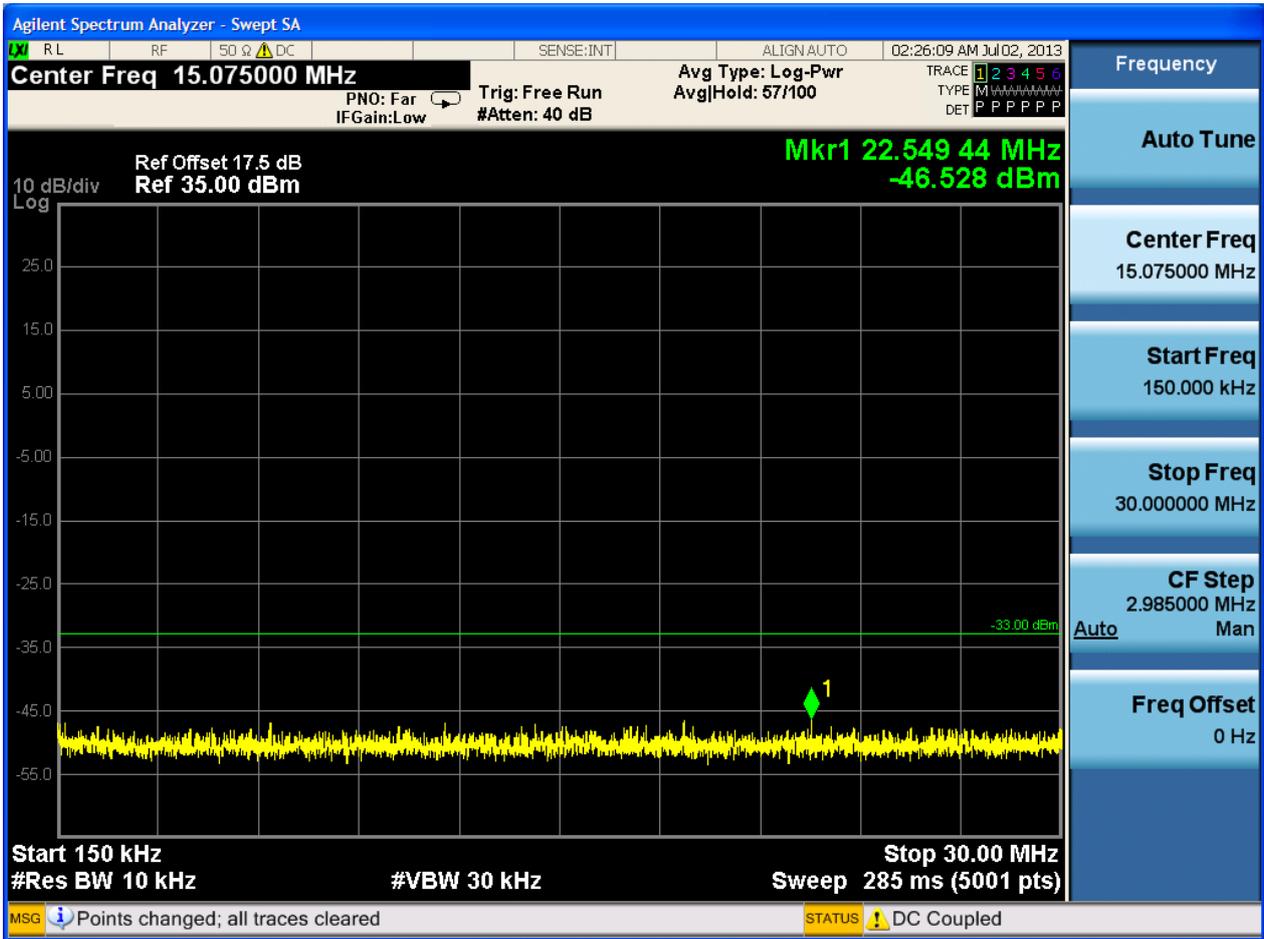


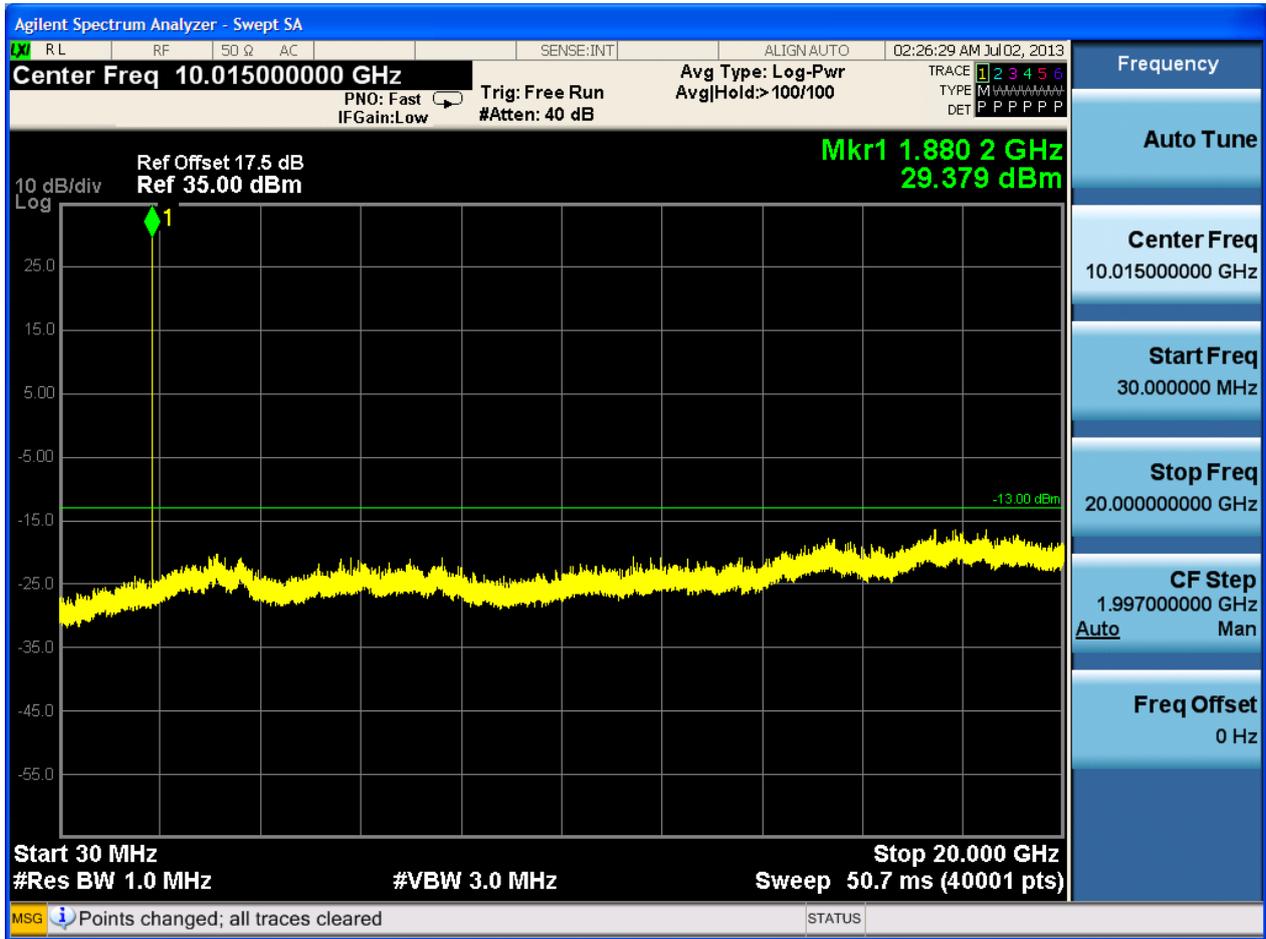




6.1.2.1.2 Test Channel = MCH

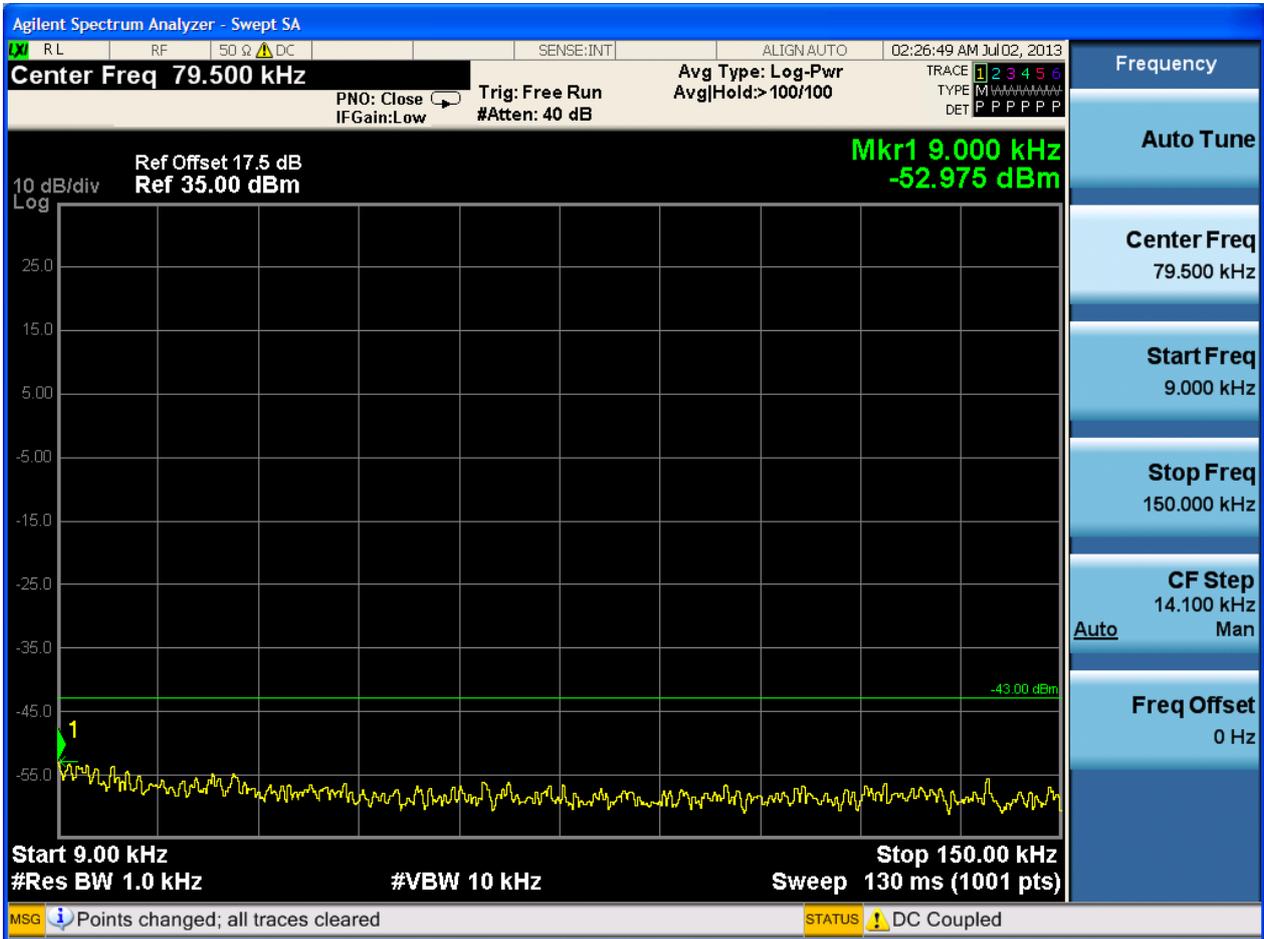


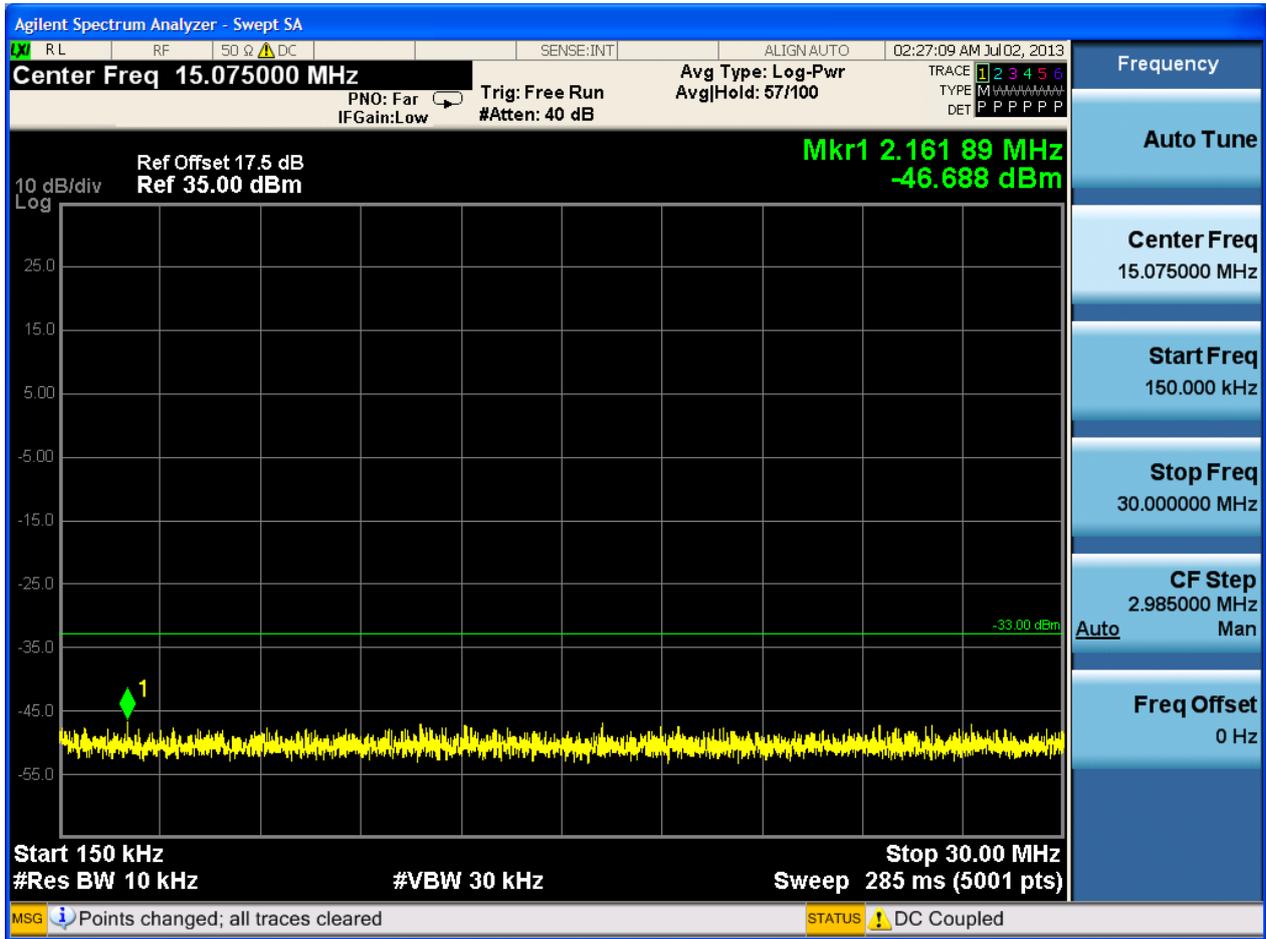


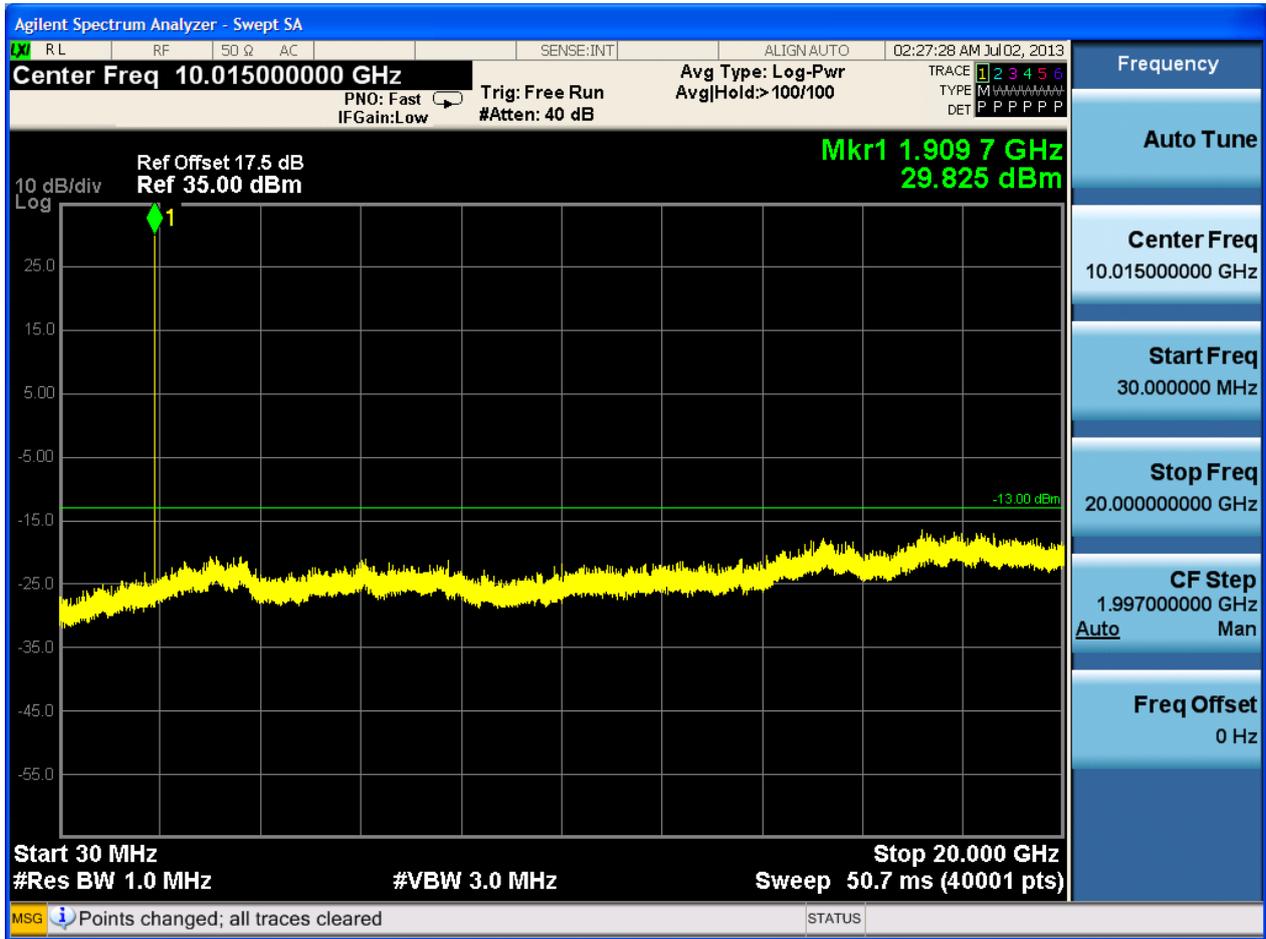




6.1.2.1.3 Test Channel = HCH



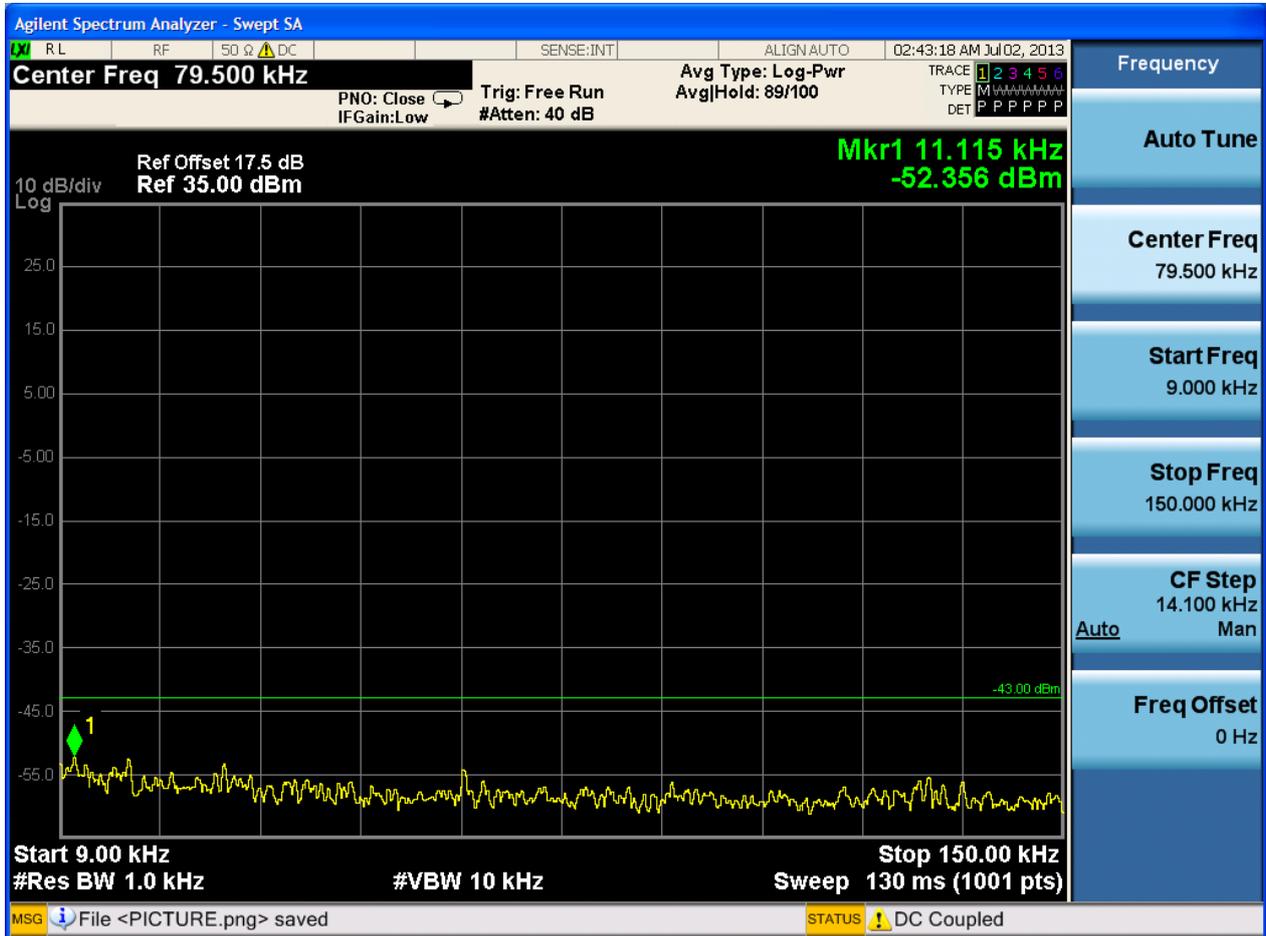


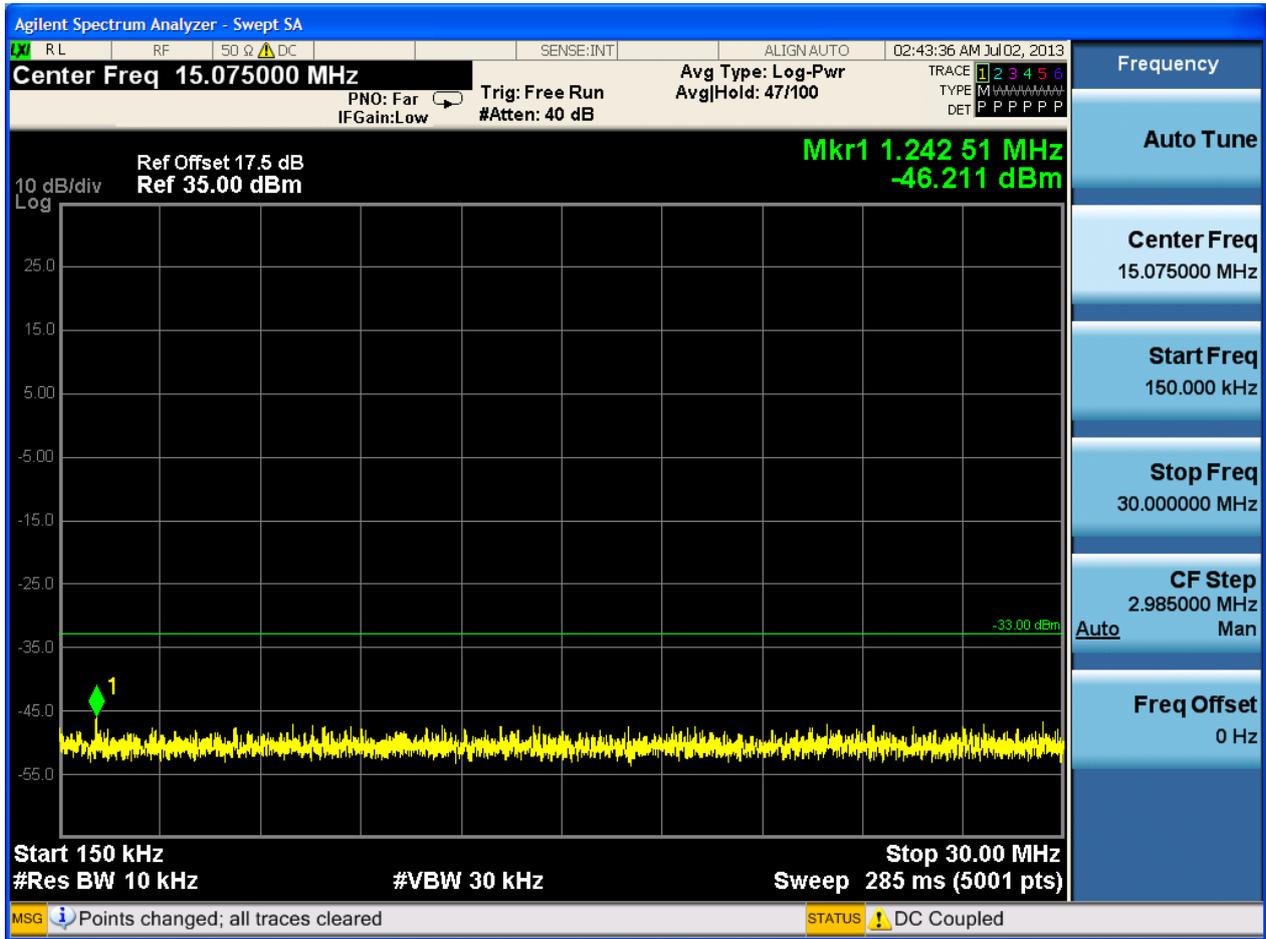


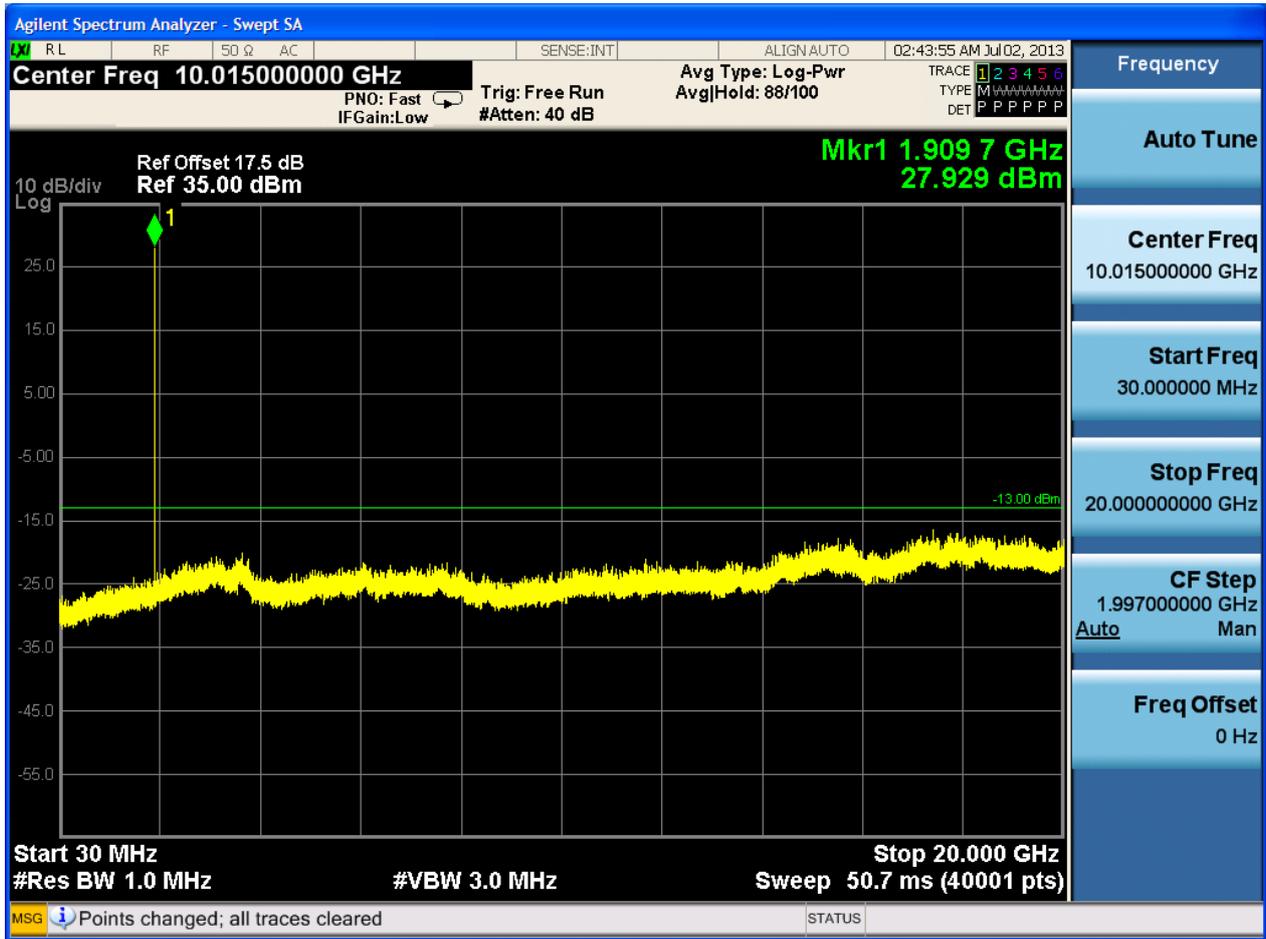


6.1.2.2 Test Mode = GSM/TM2

6.1.2.2.1 Test Channel = LCH

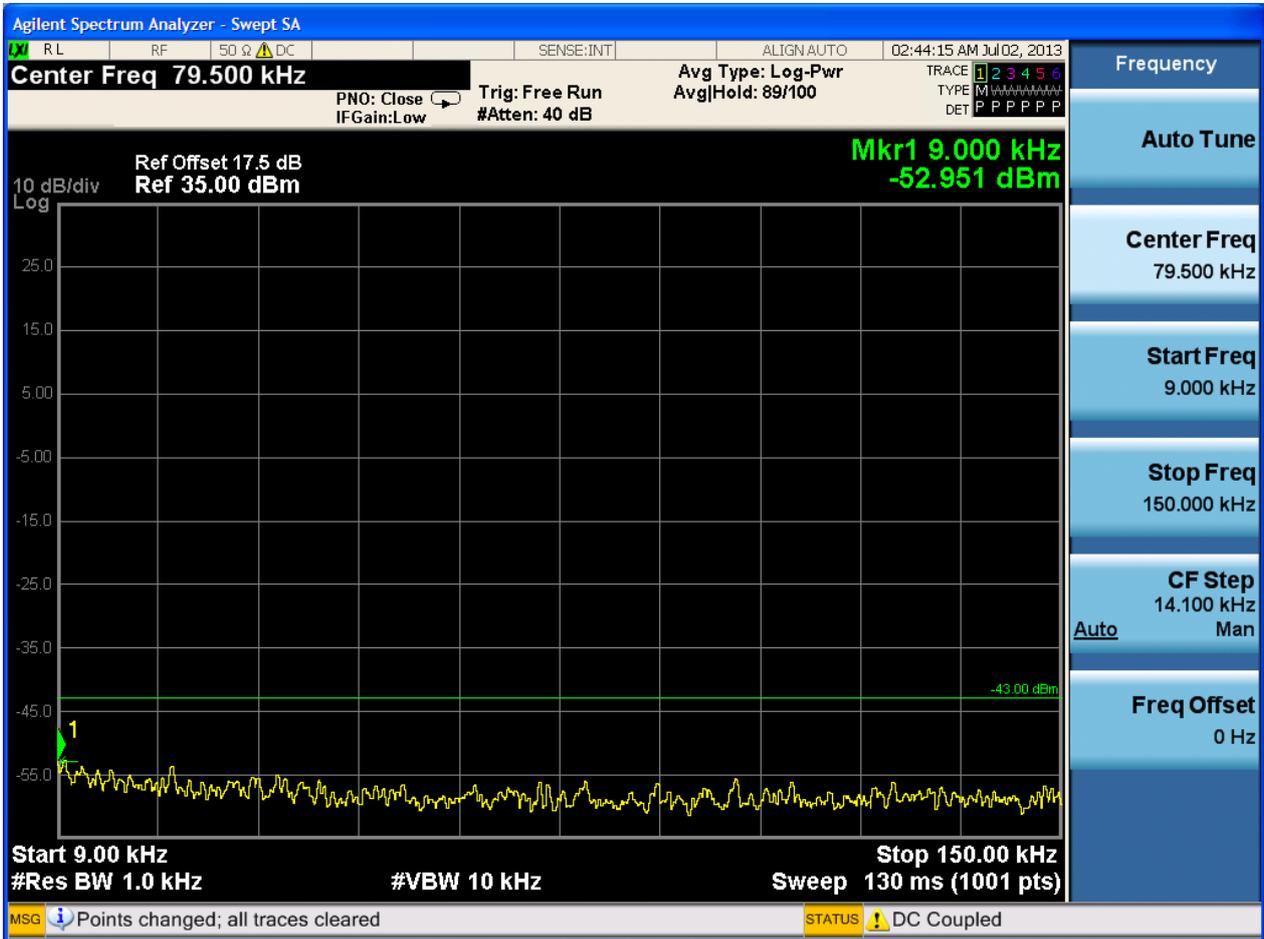


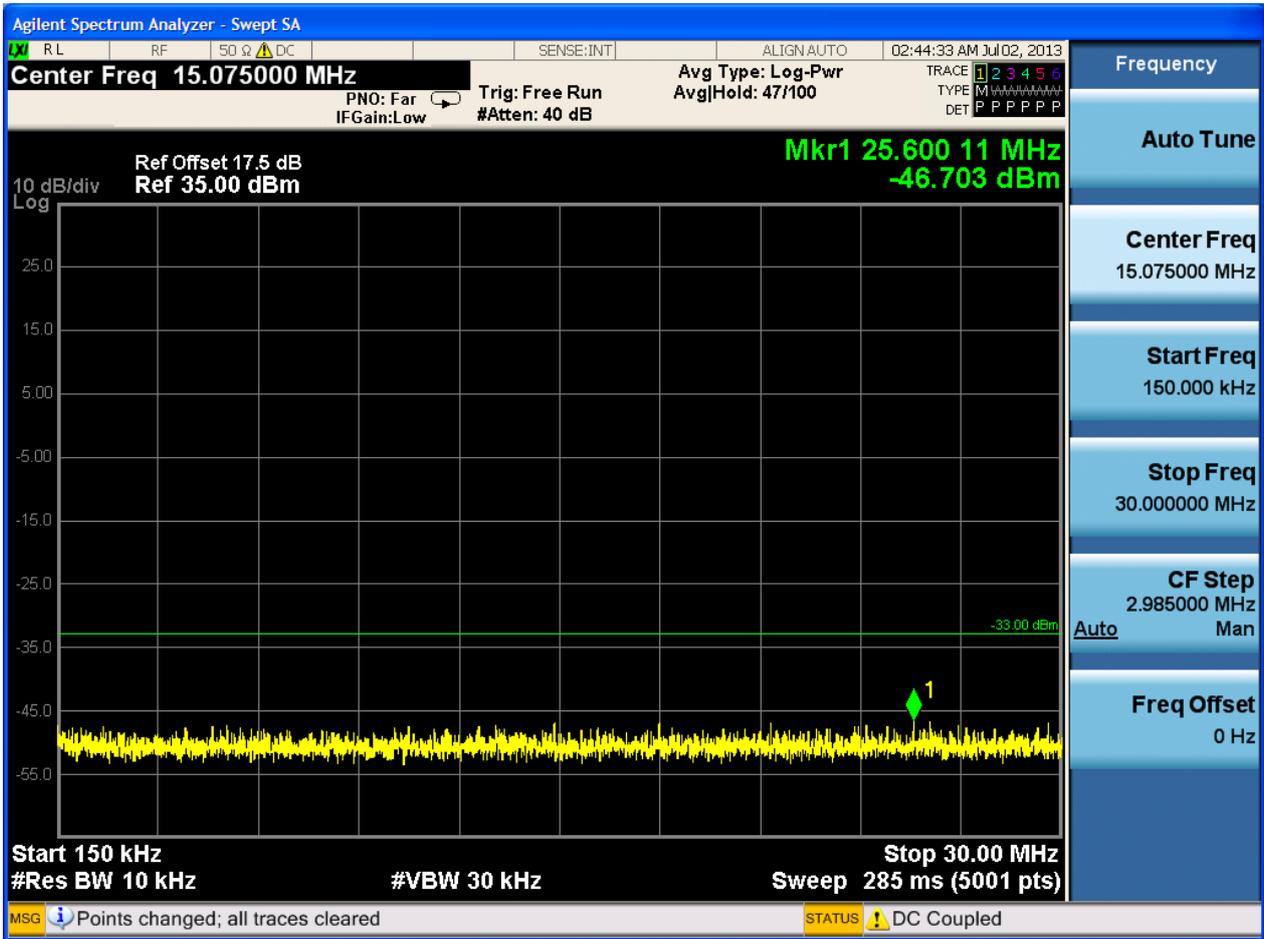


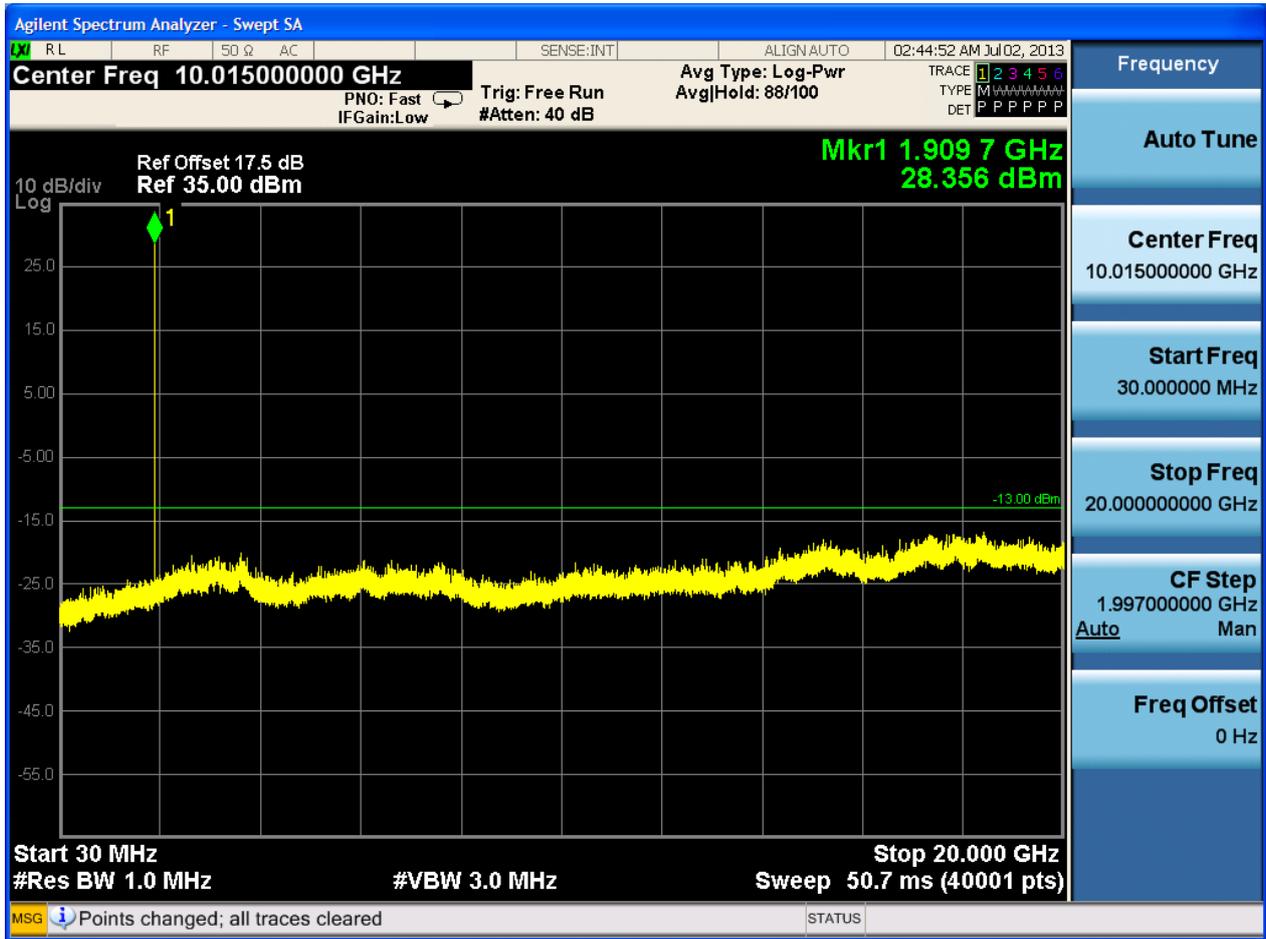




6.1.2.2.2 Test Channel = MCH

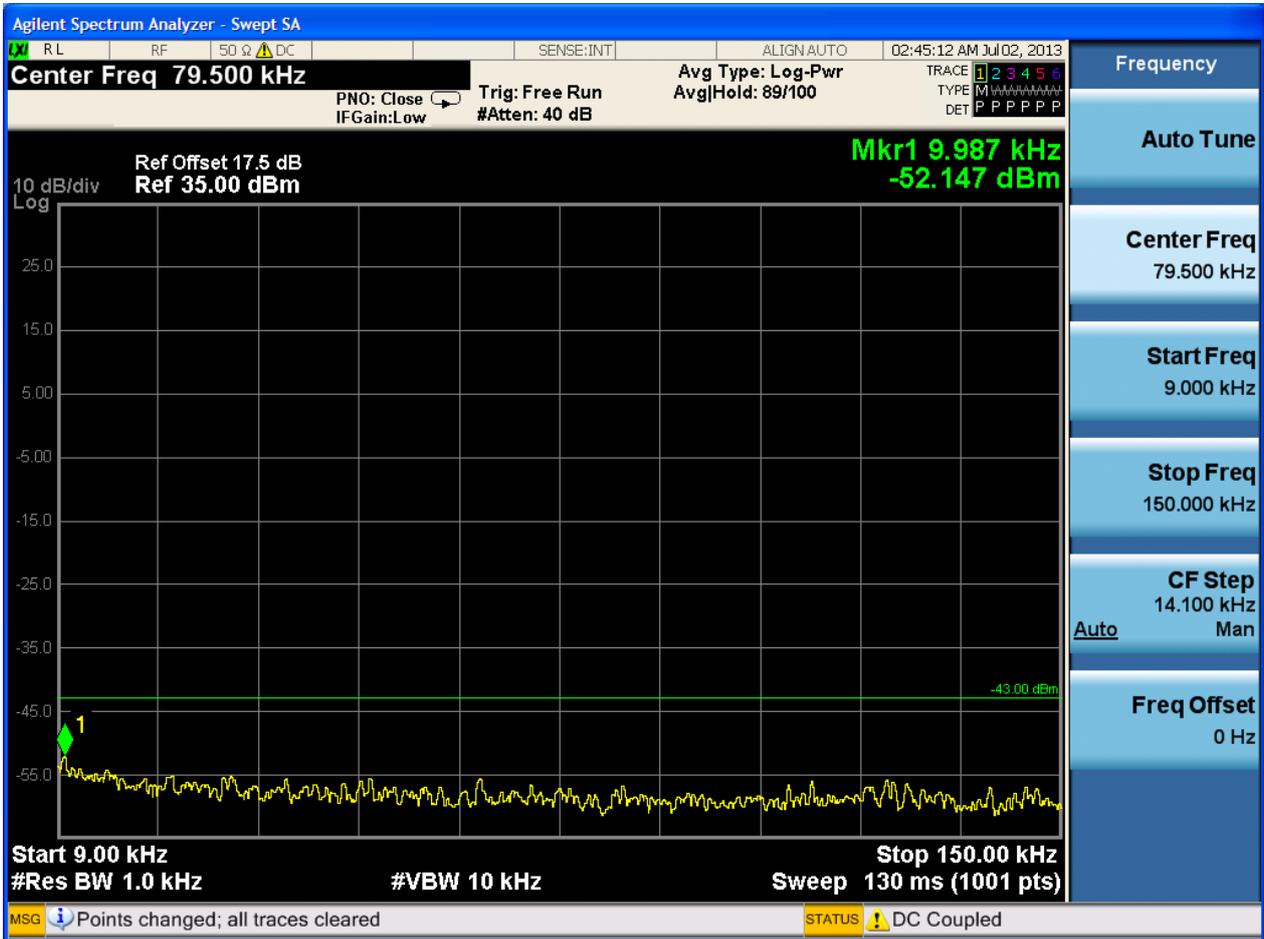


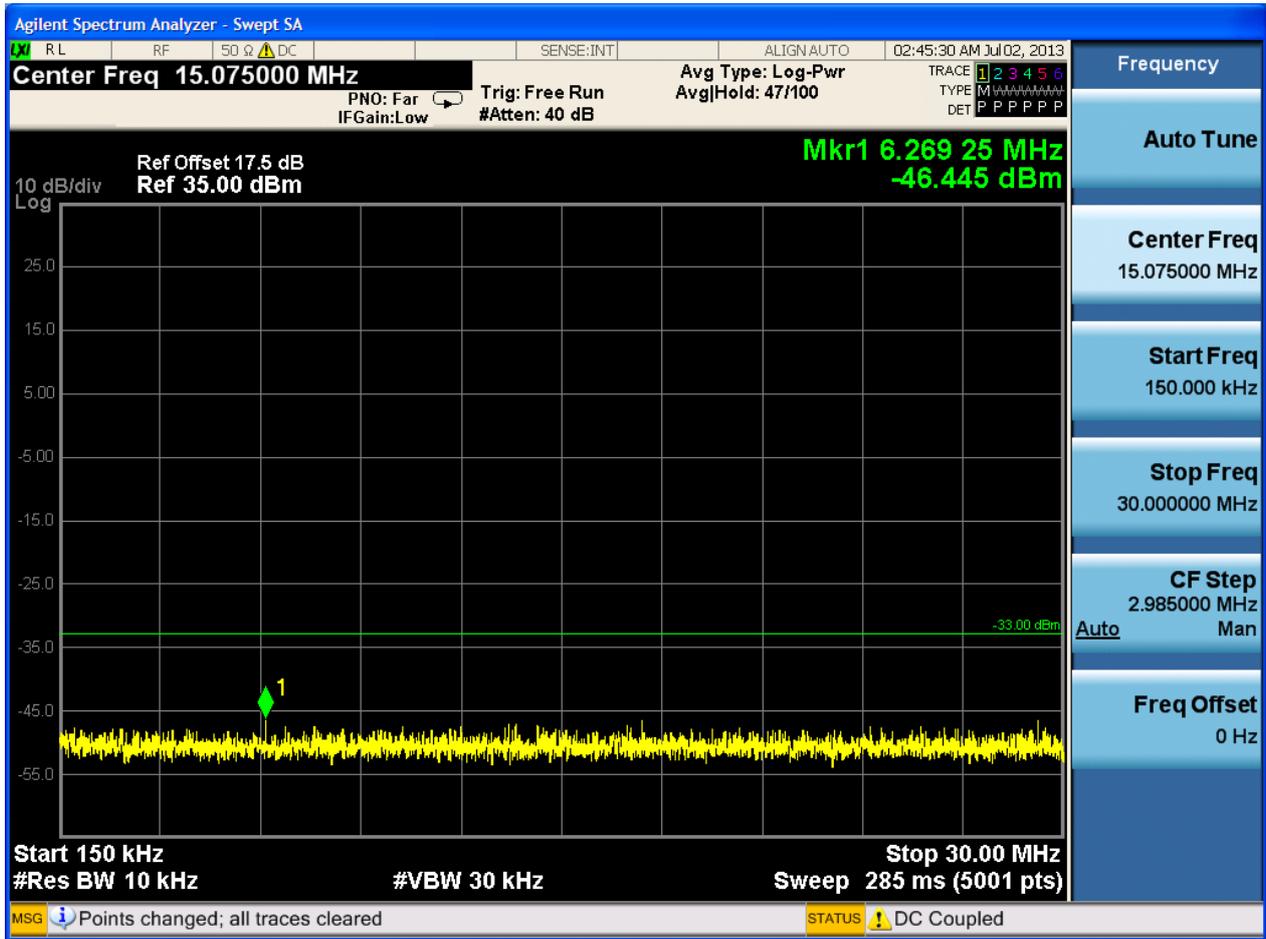






6.1.2.2.3 Test Channel = HCH







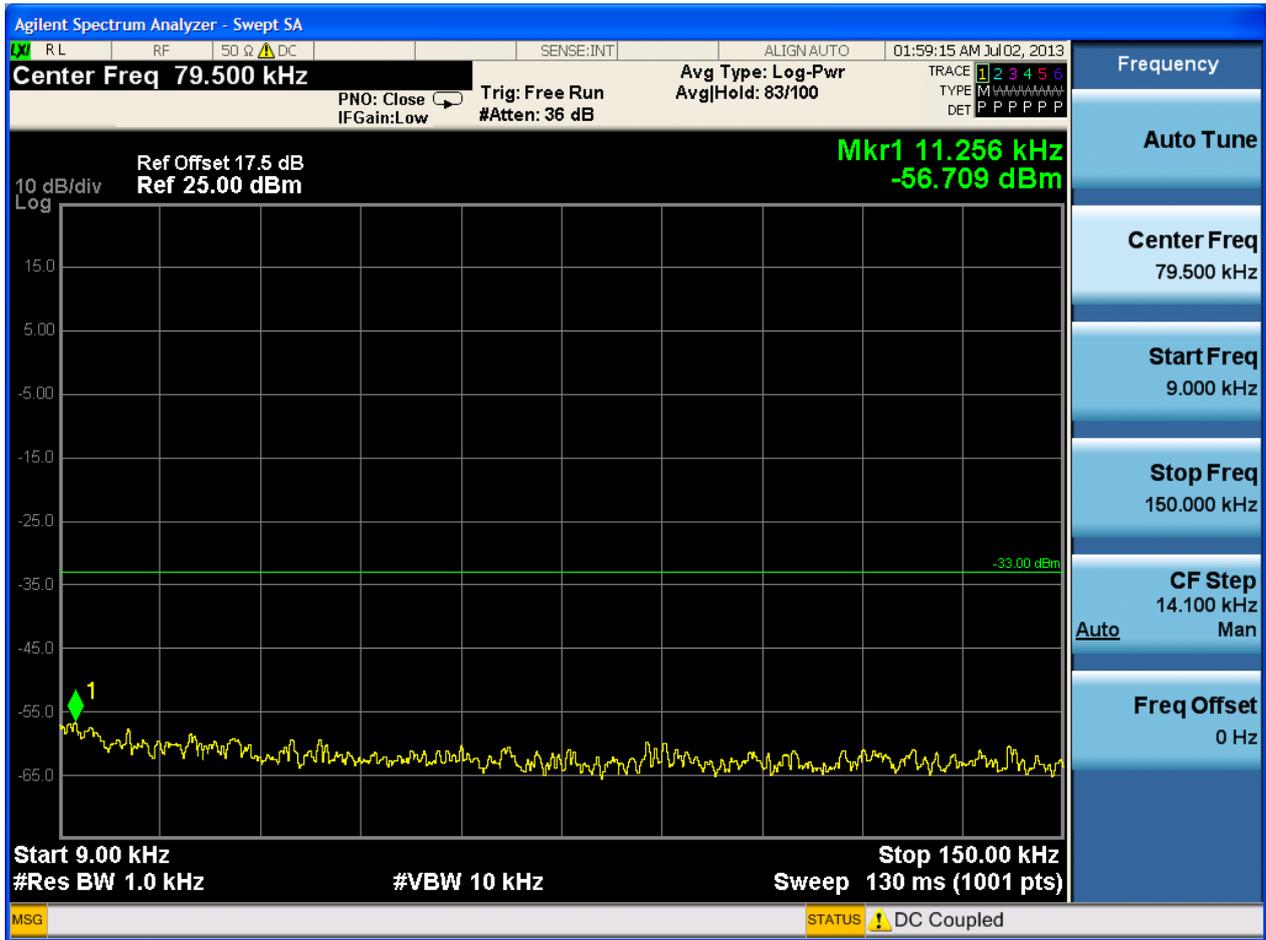


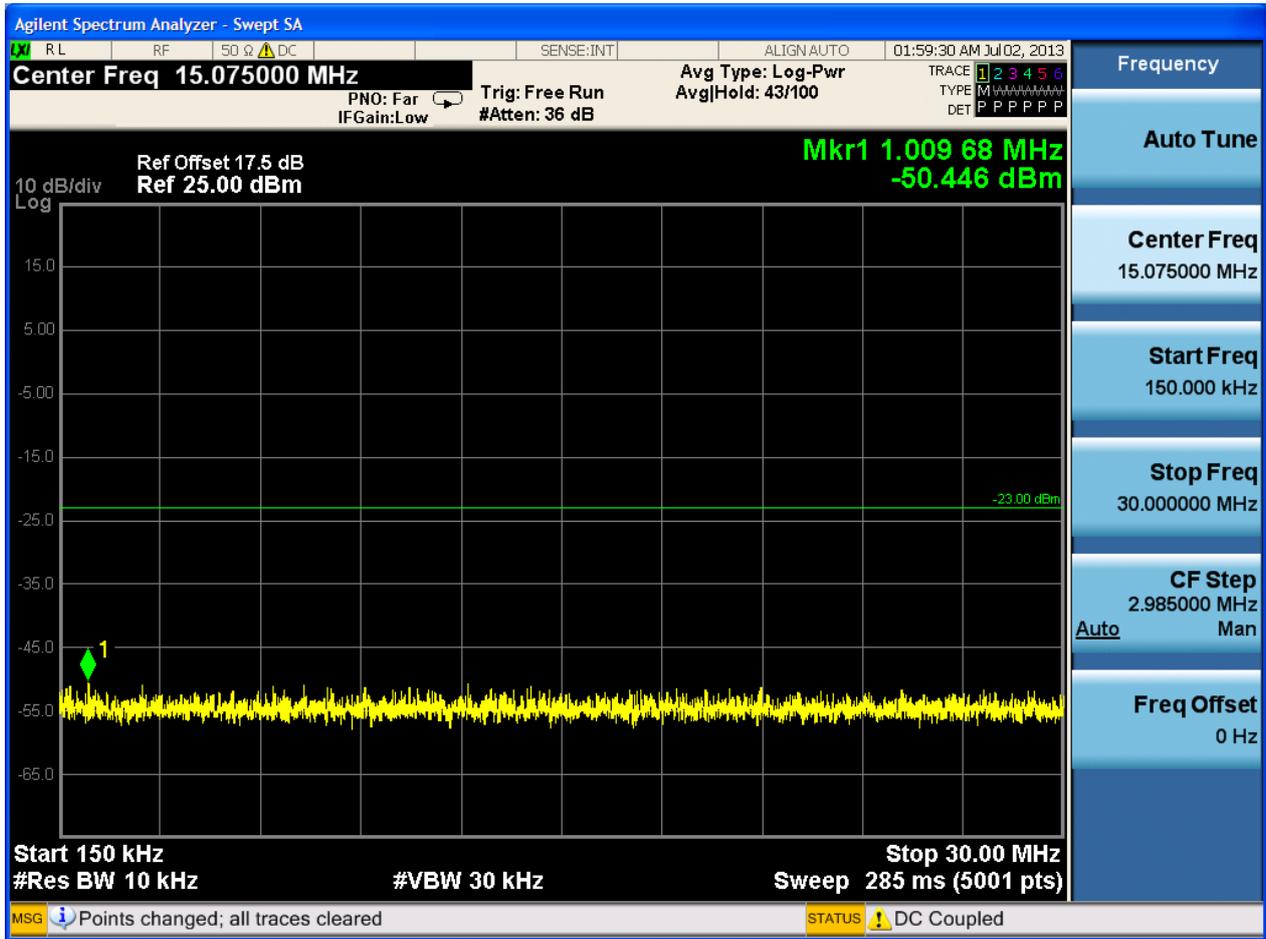
6.2 For UMTS

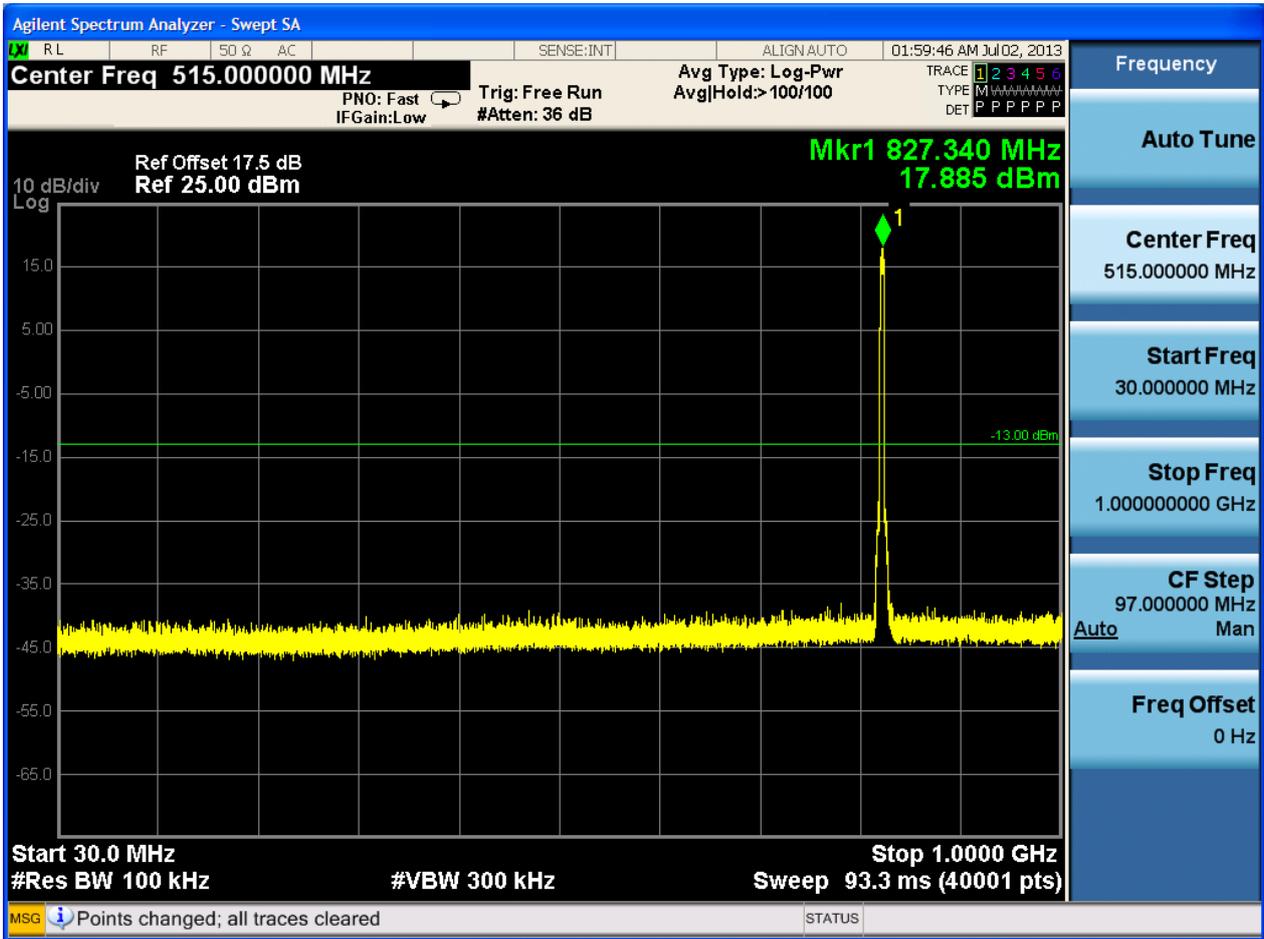
6.2.1 Test Band = WCDMA850

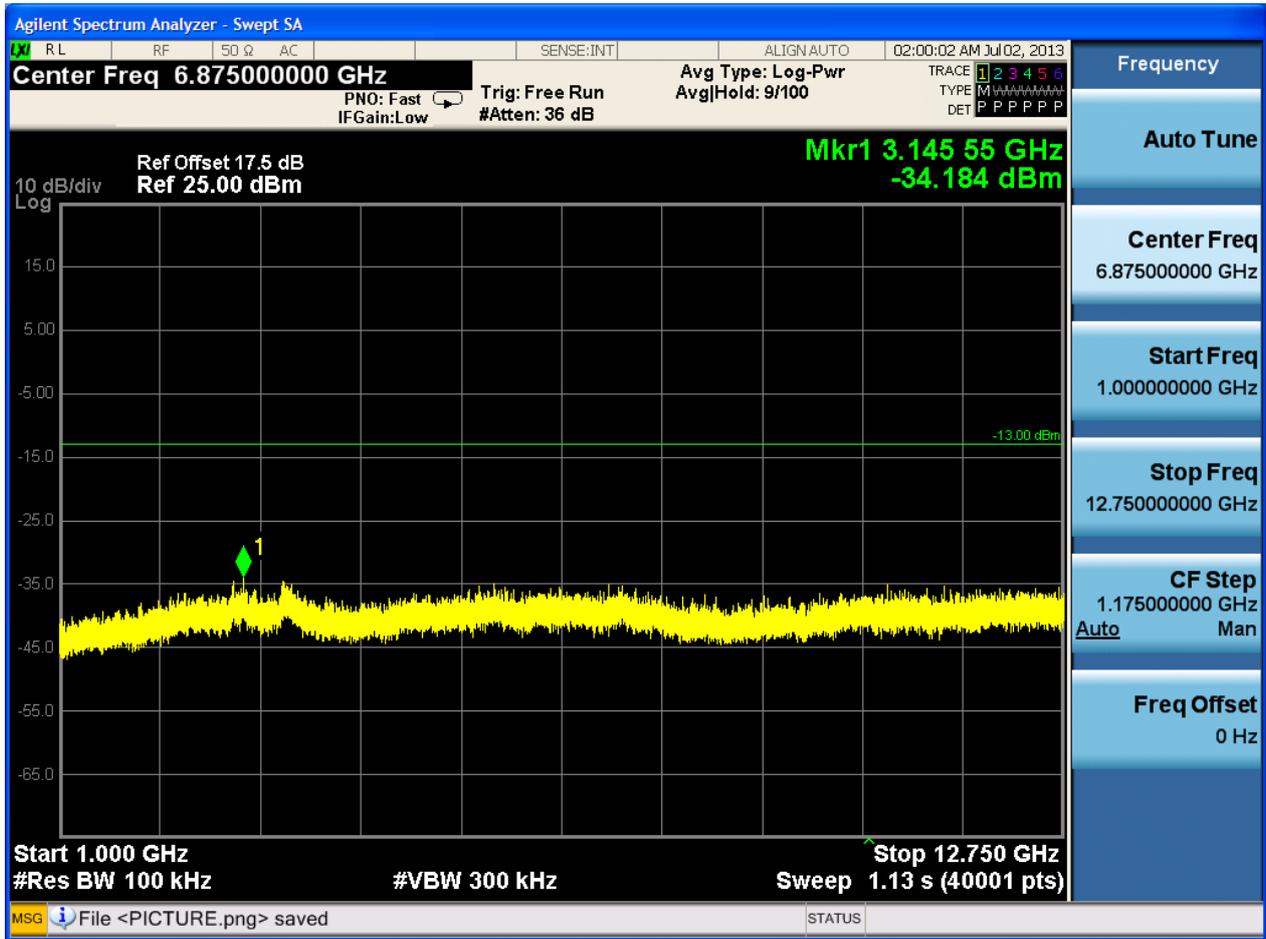
6.2.1.1 Test Mode = UMTS/TM1

6.2.1.1.1 Test Channel = LCH



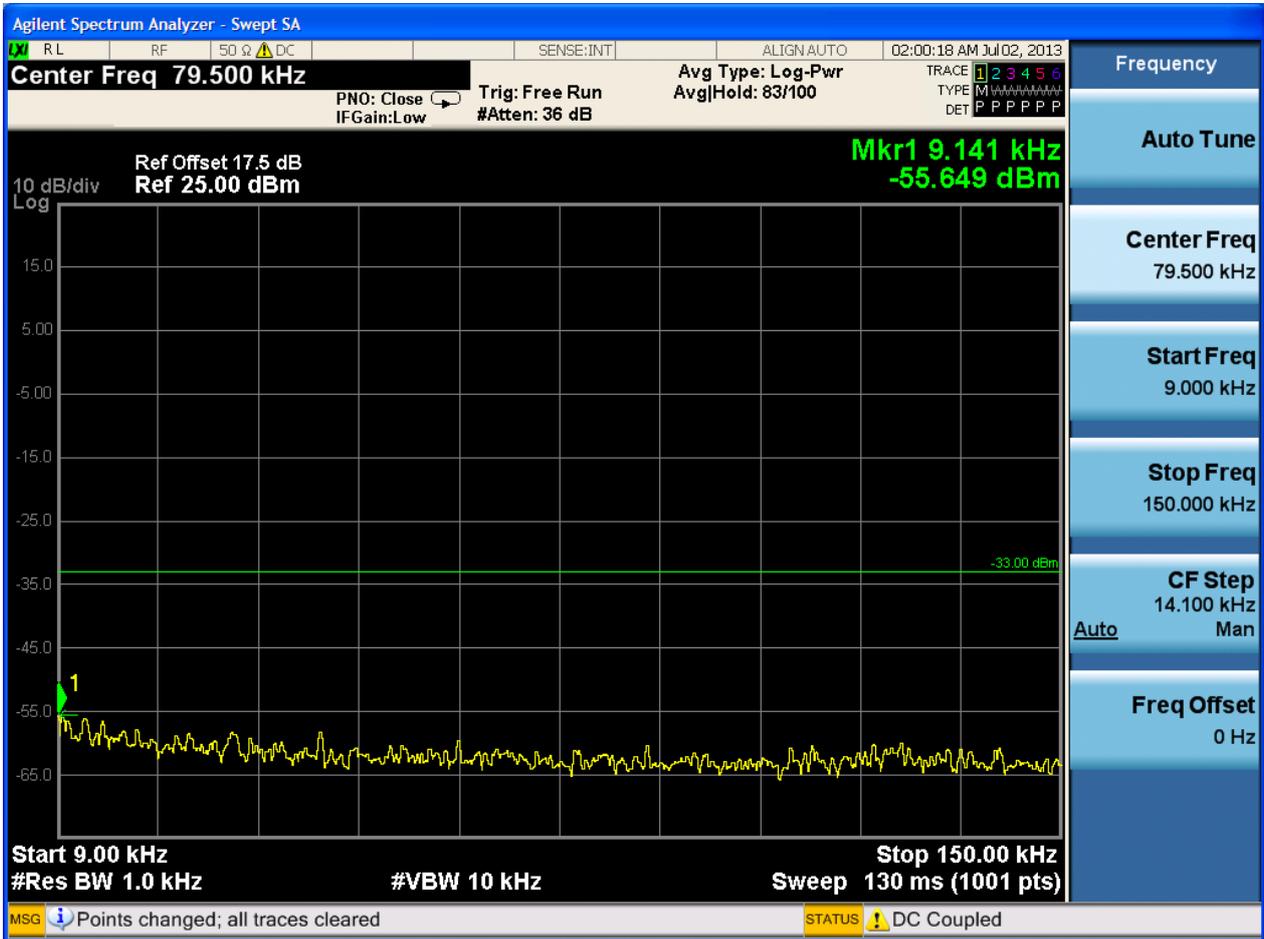


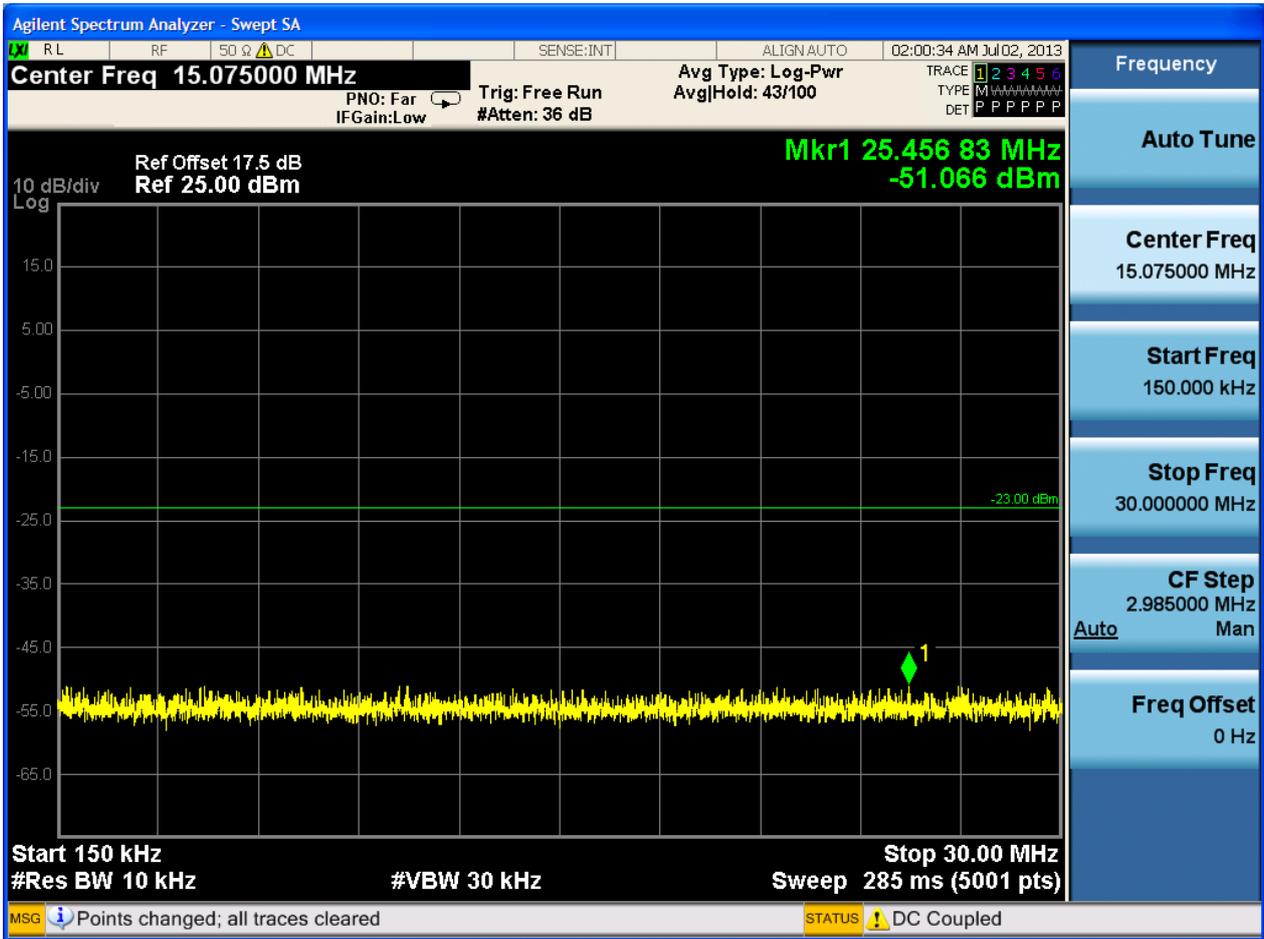


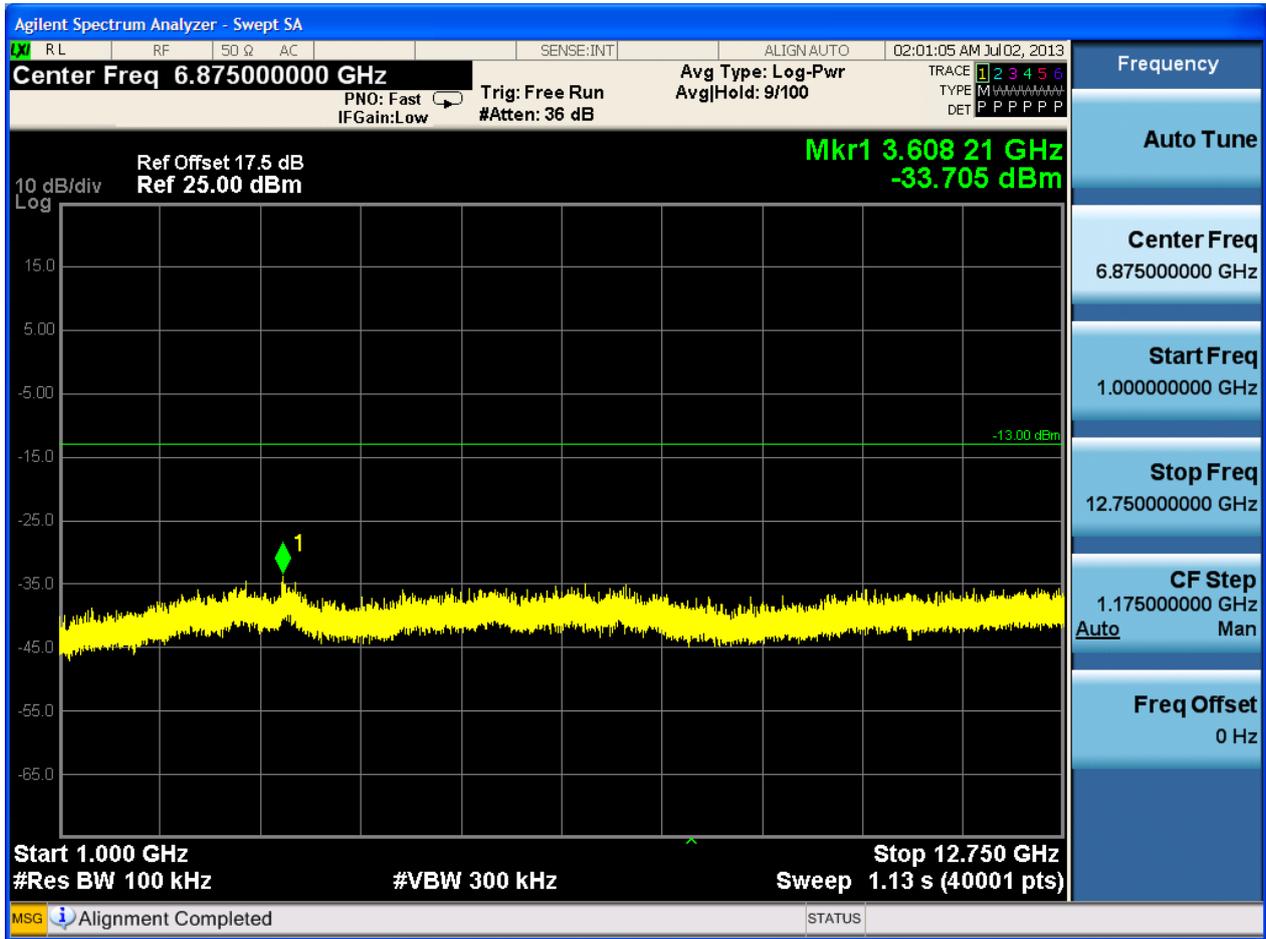




6.2.1.1.2 Test Channel = MCH

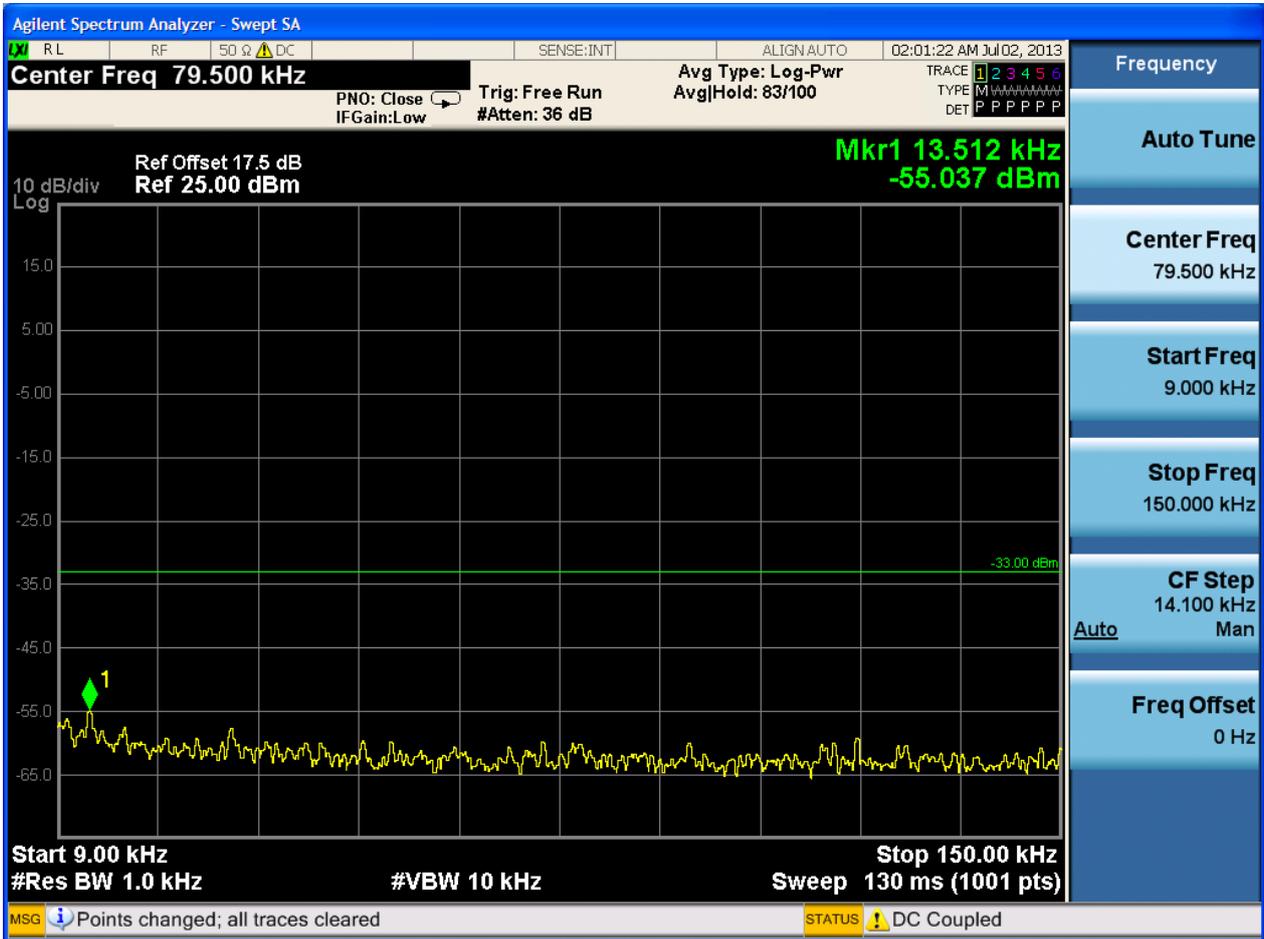


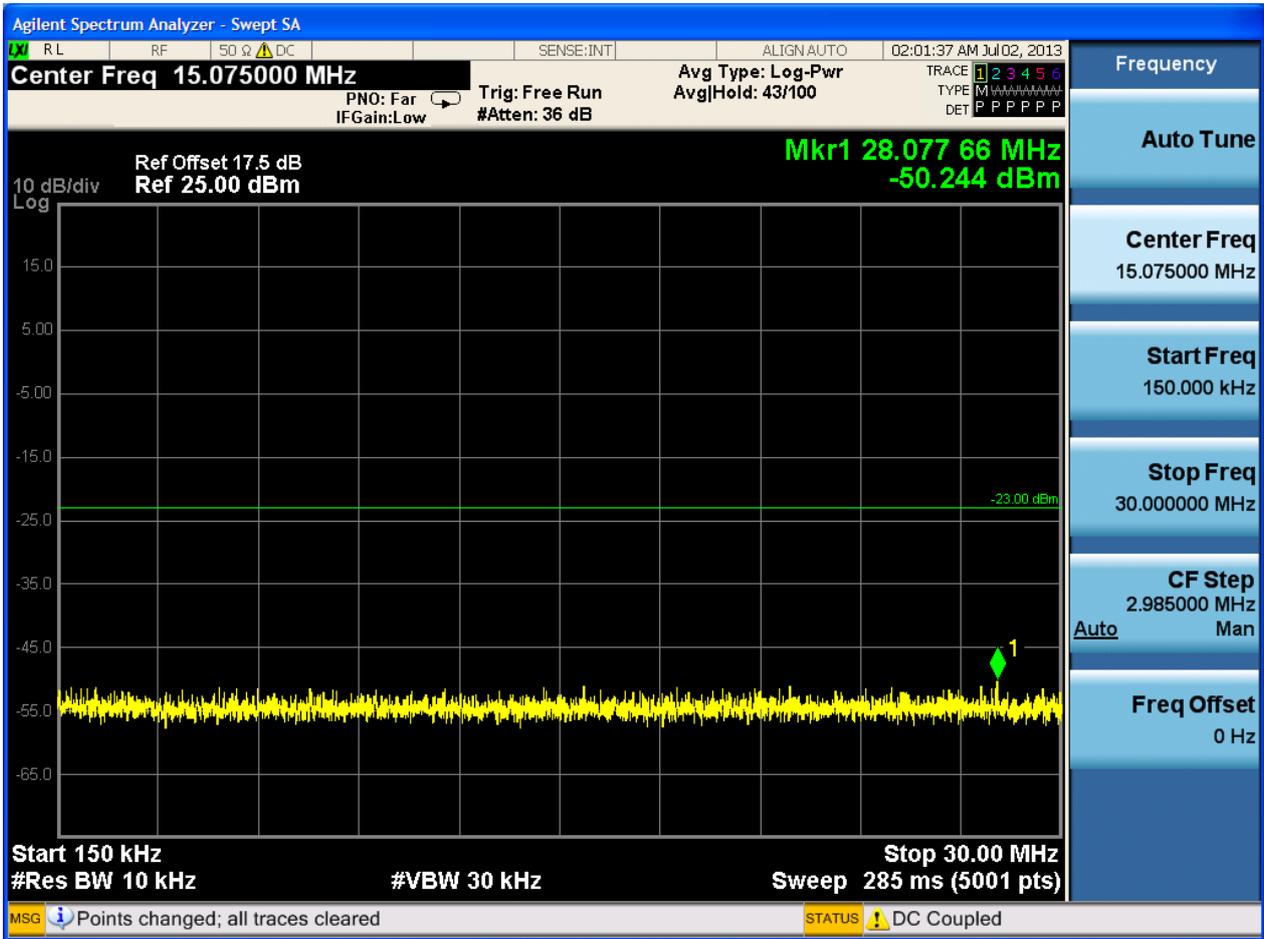


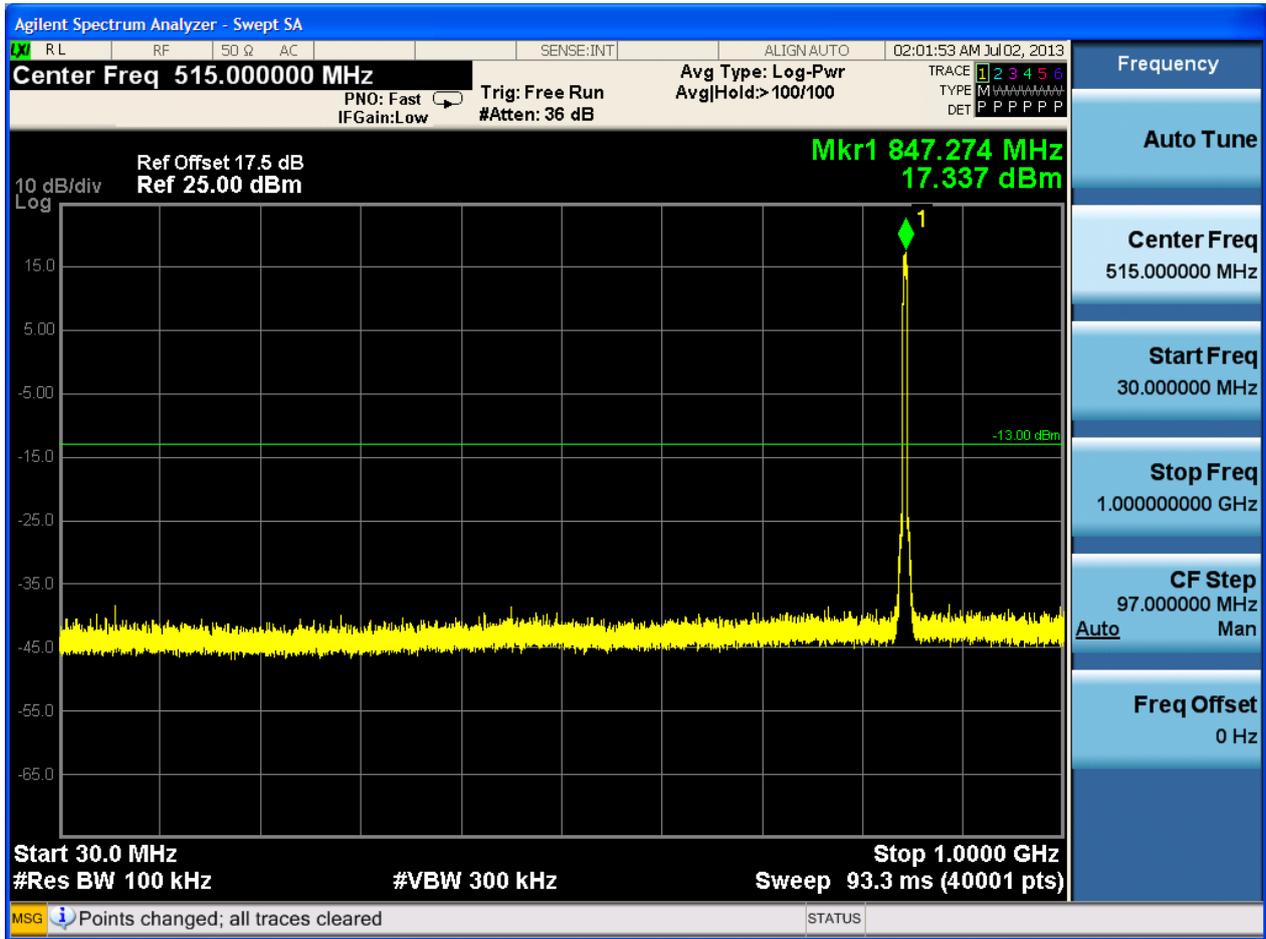


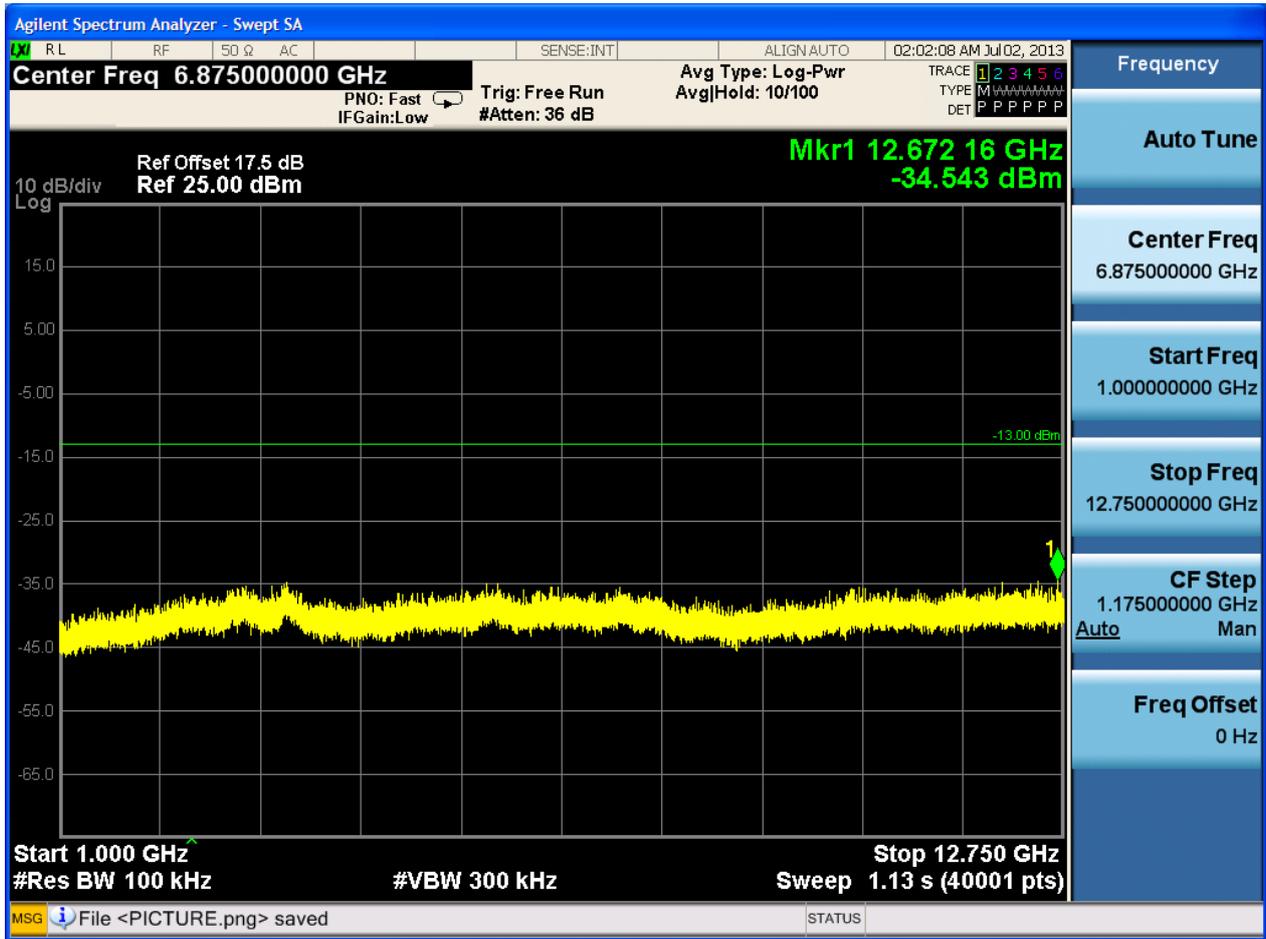


6.2.1.1.3 Test Channel = HCH







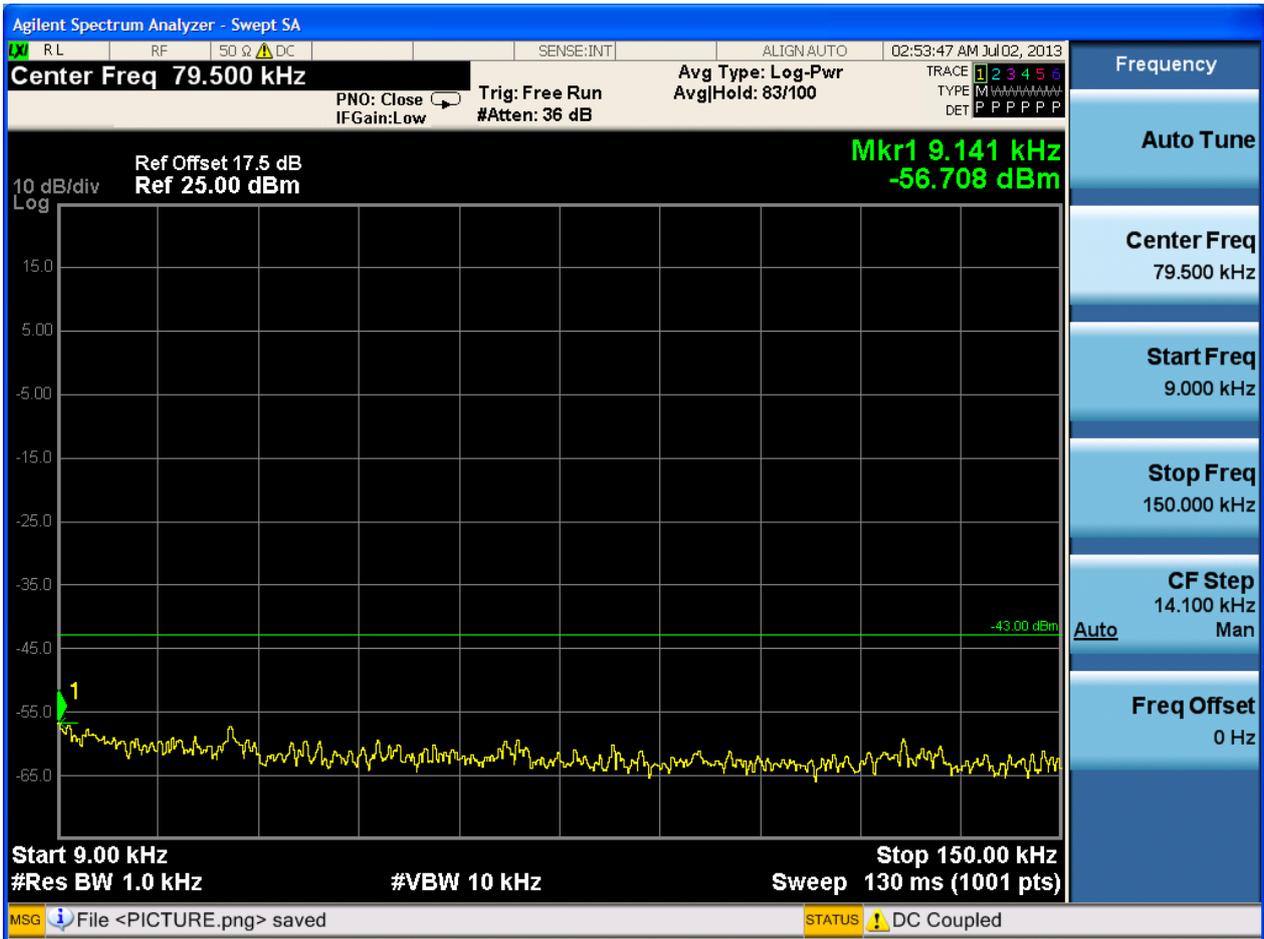


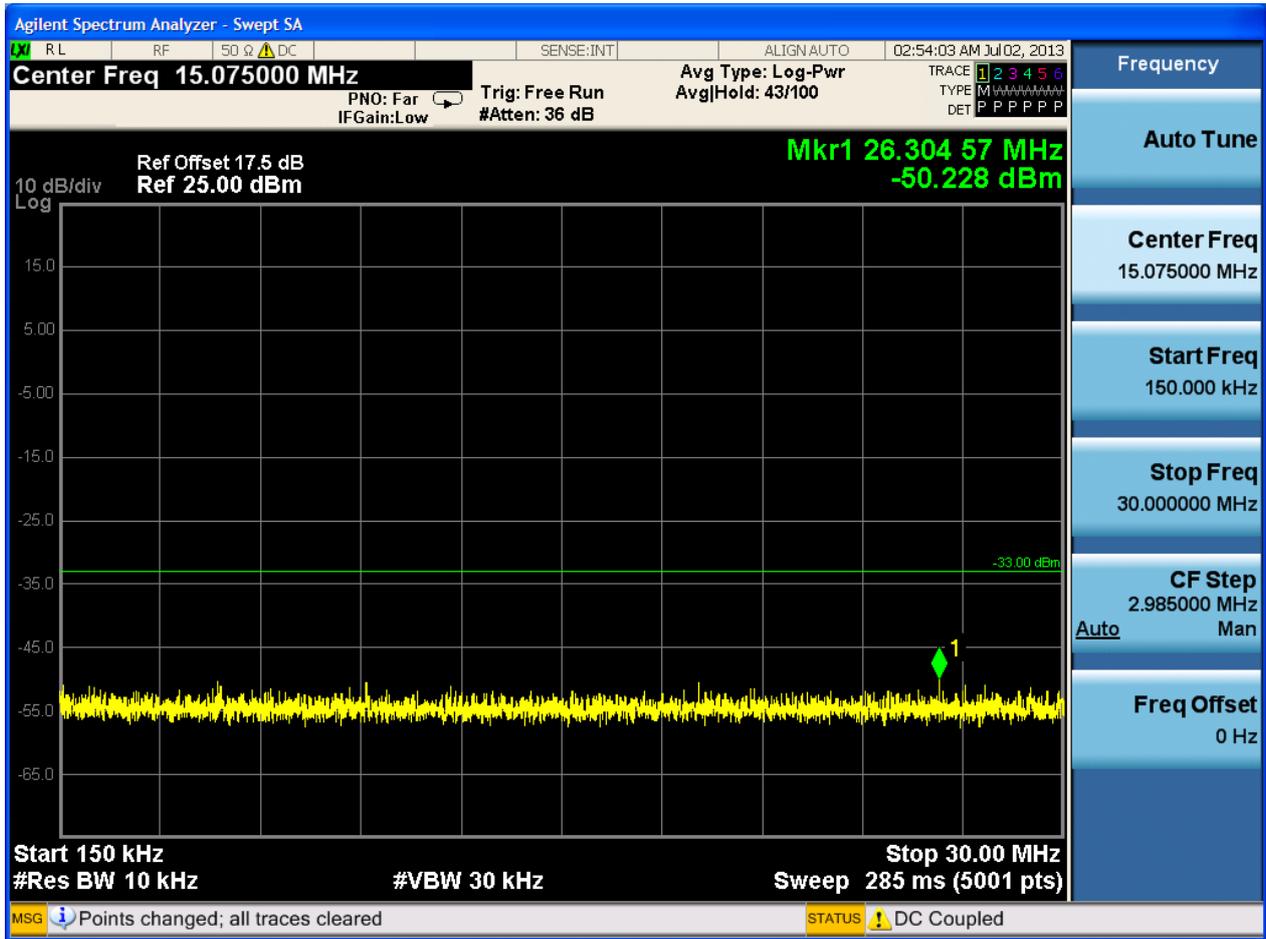


6.2.2 Test Band = WCDMA1900

6.2.2.1 Test Mode = UMTS/TM1

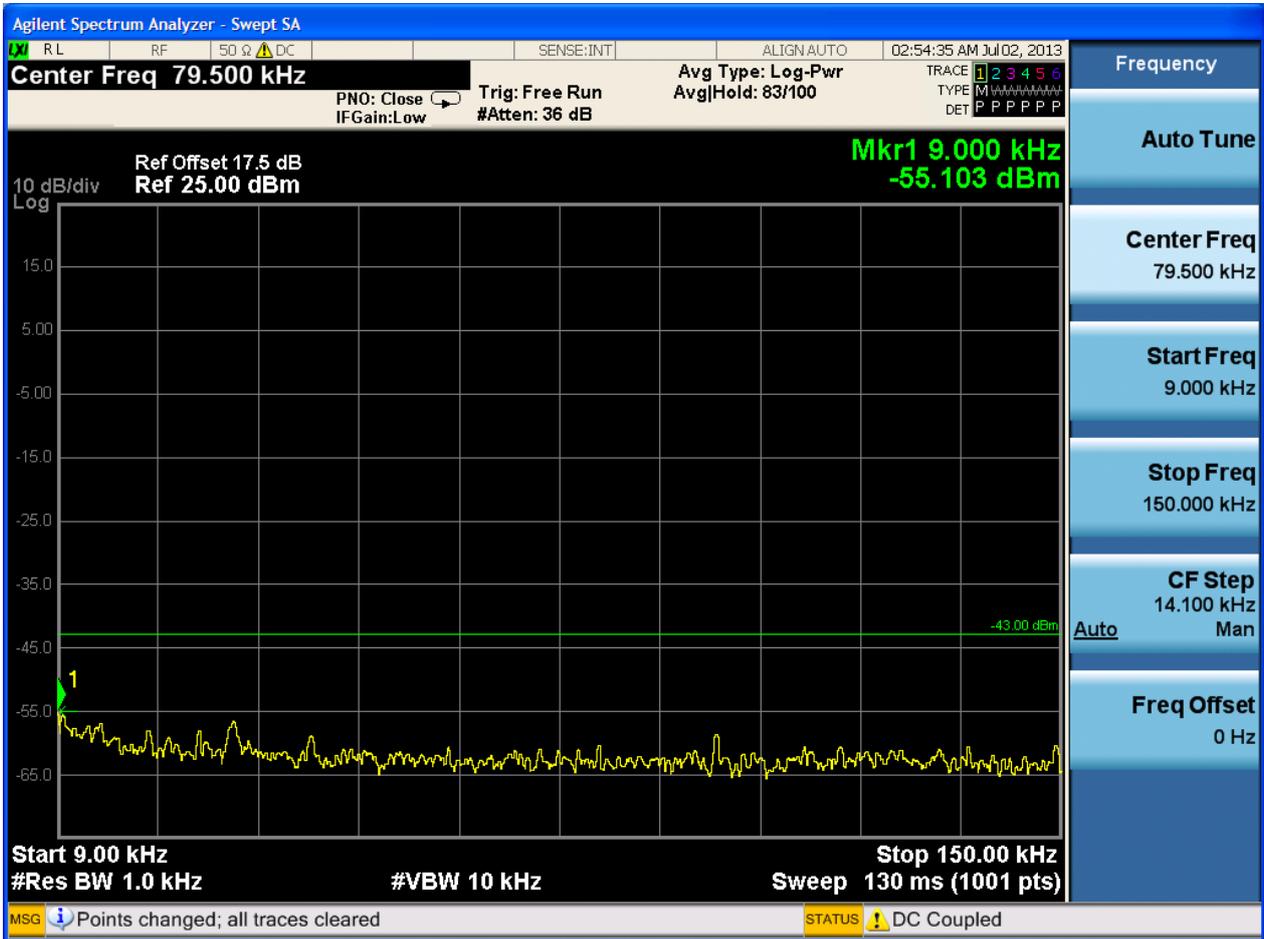
6.2.2.1.1 Test Channel = LCH

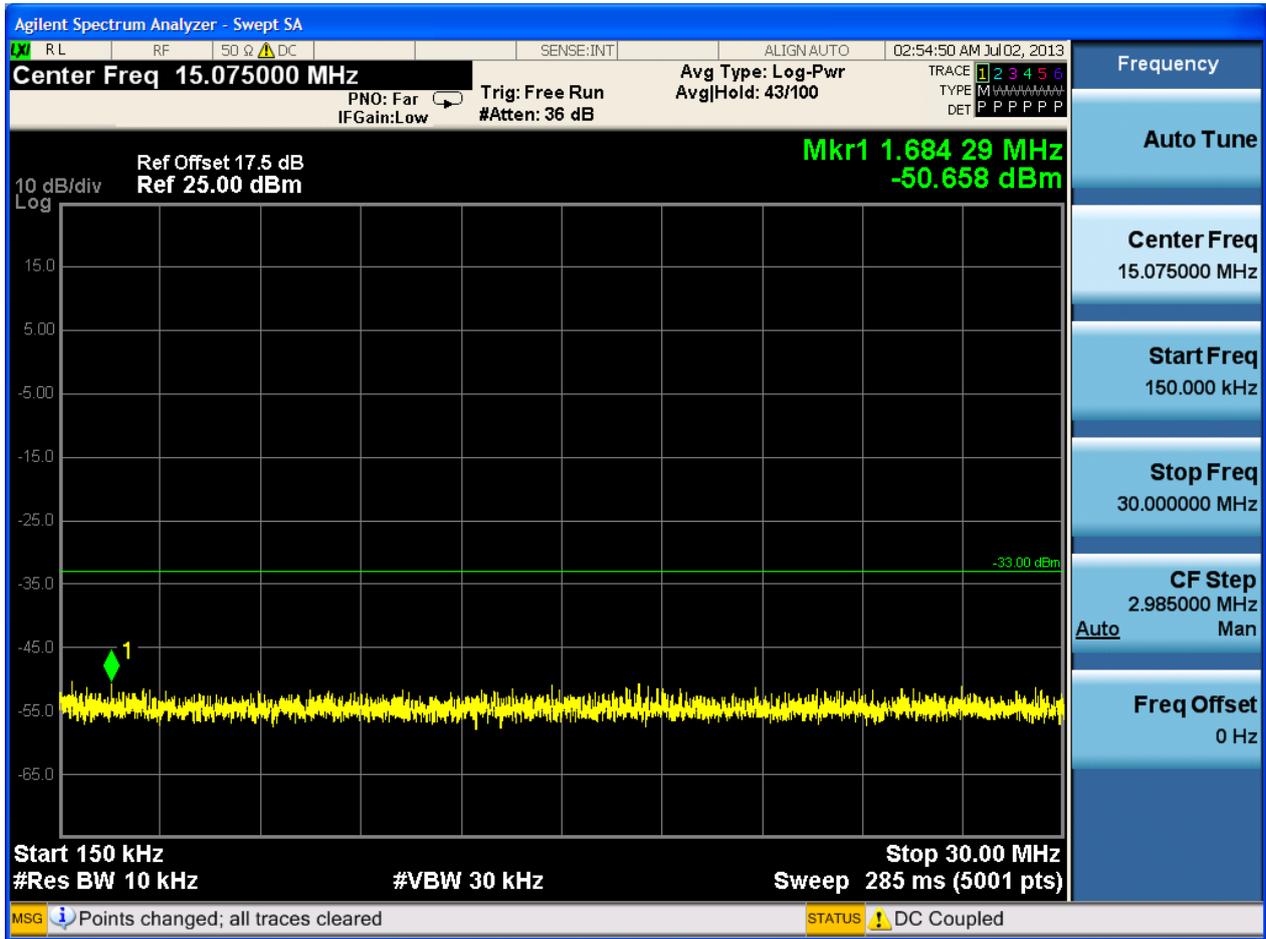






6.2.2.1.2 Test Channel = MCH

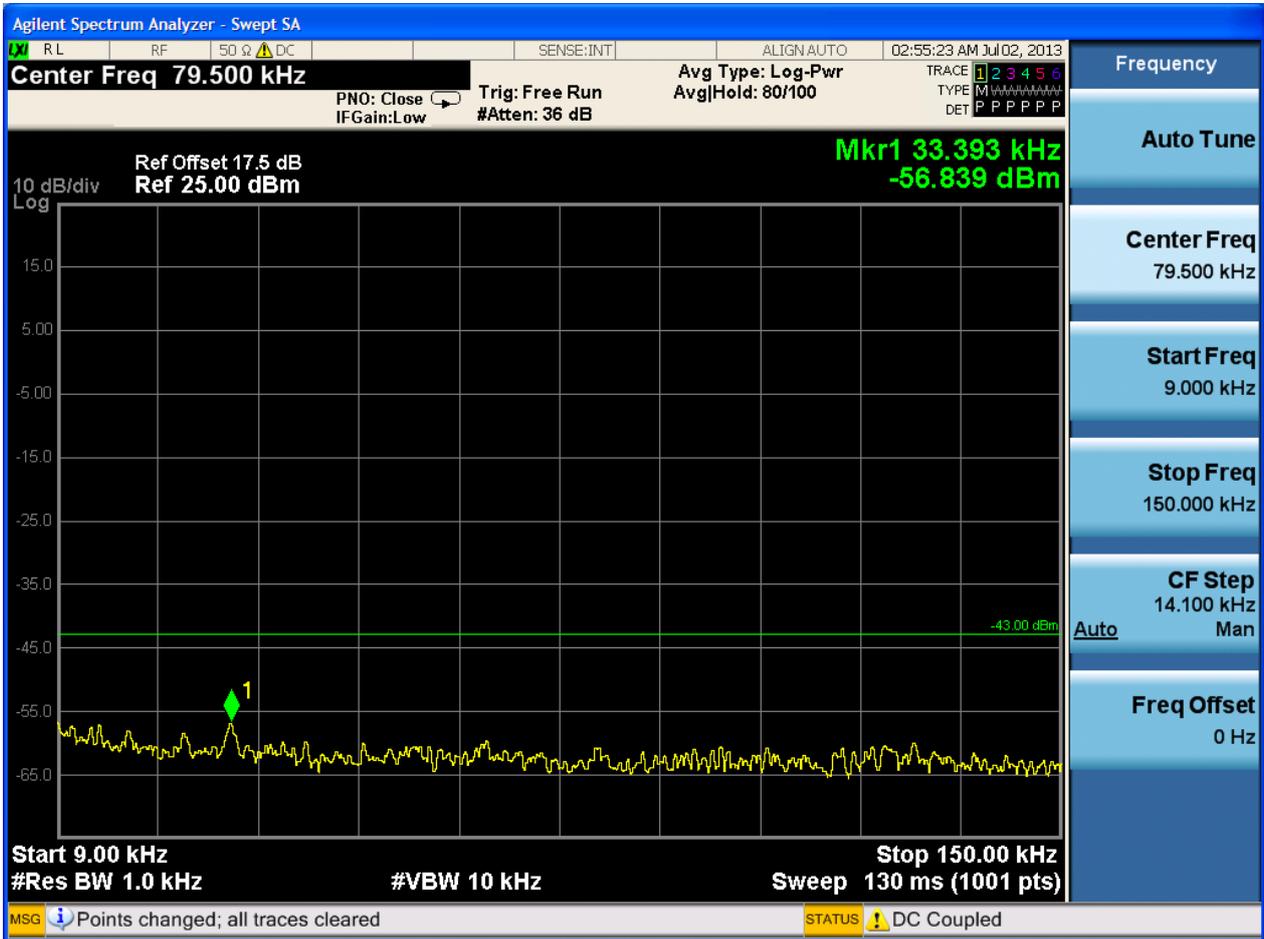


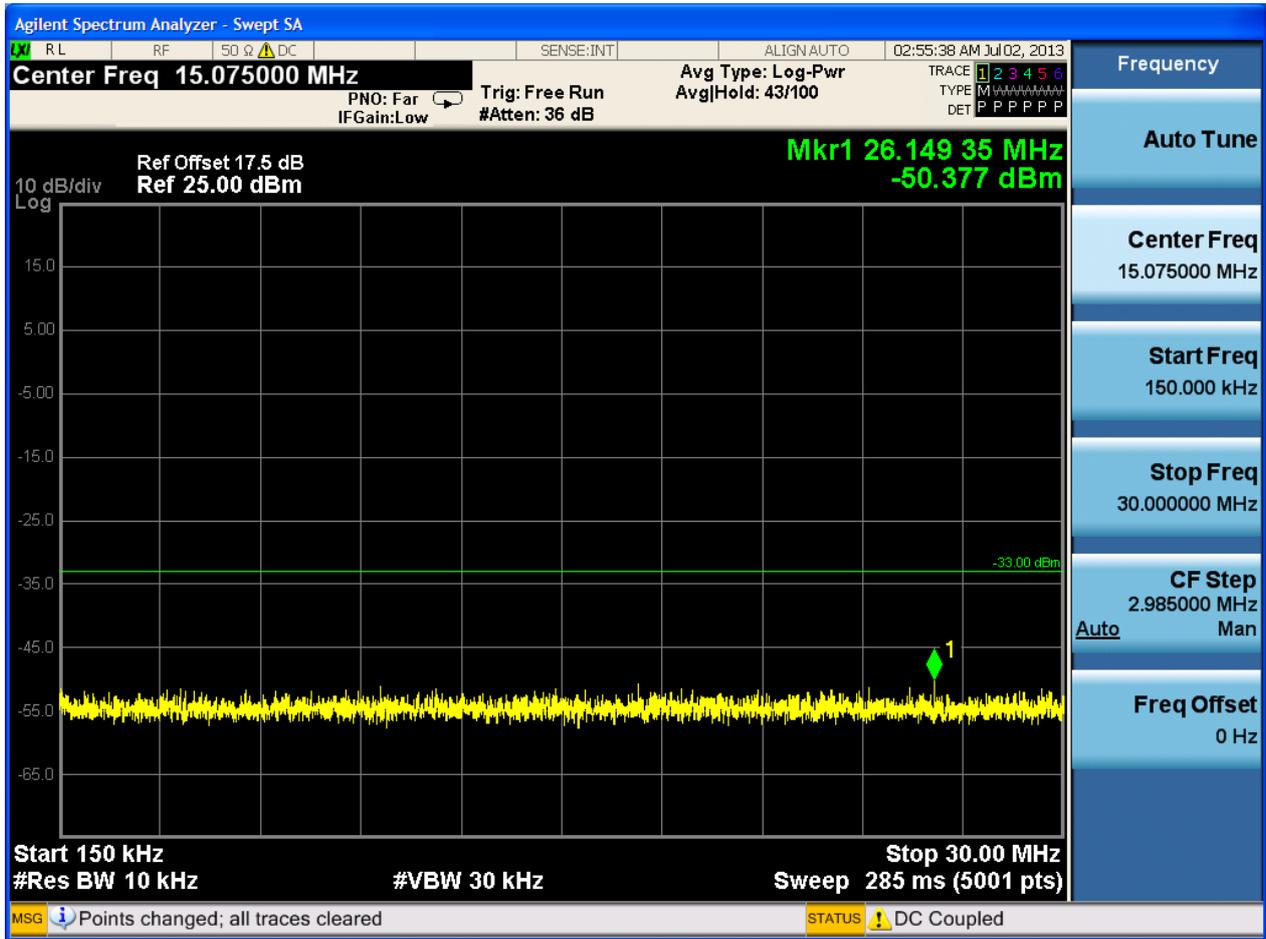






6.2.2.1.3 Test Channel = HCH







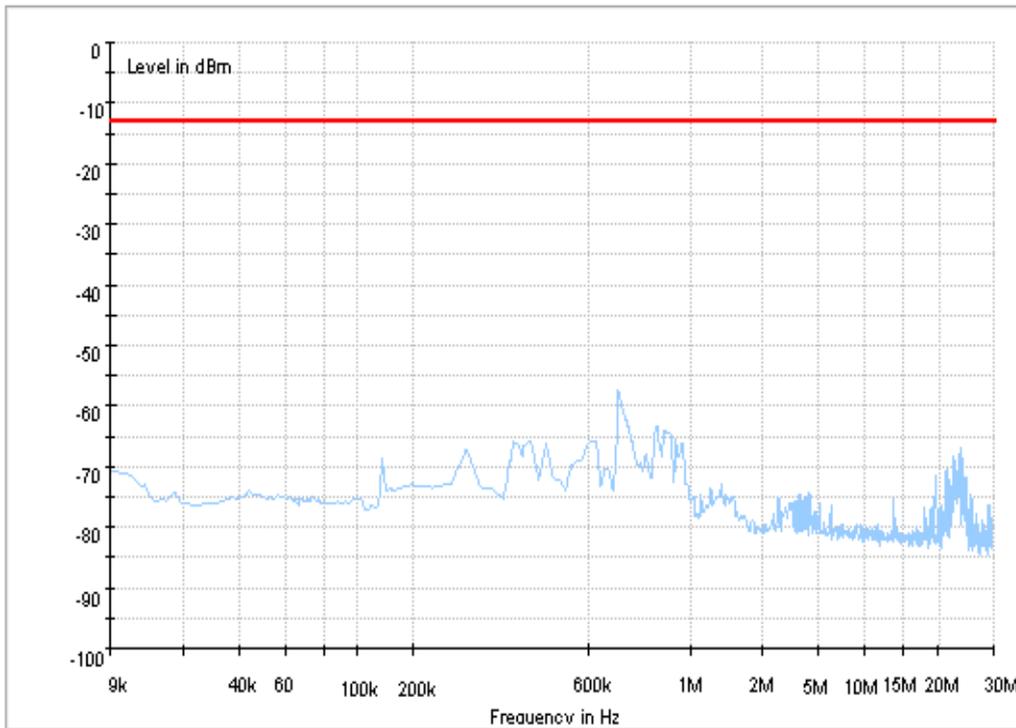
7Appendix_G: Field Strength of Spurious Radiation

Part I - Test Plots

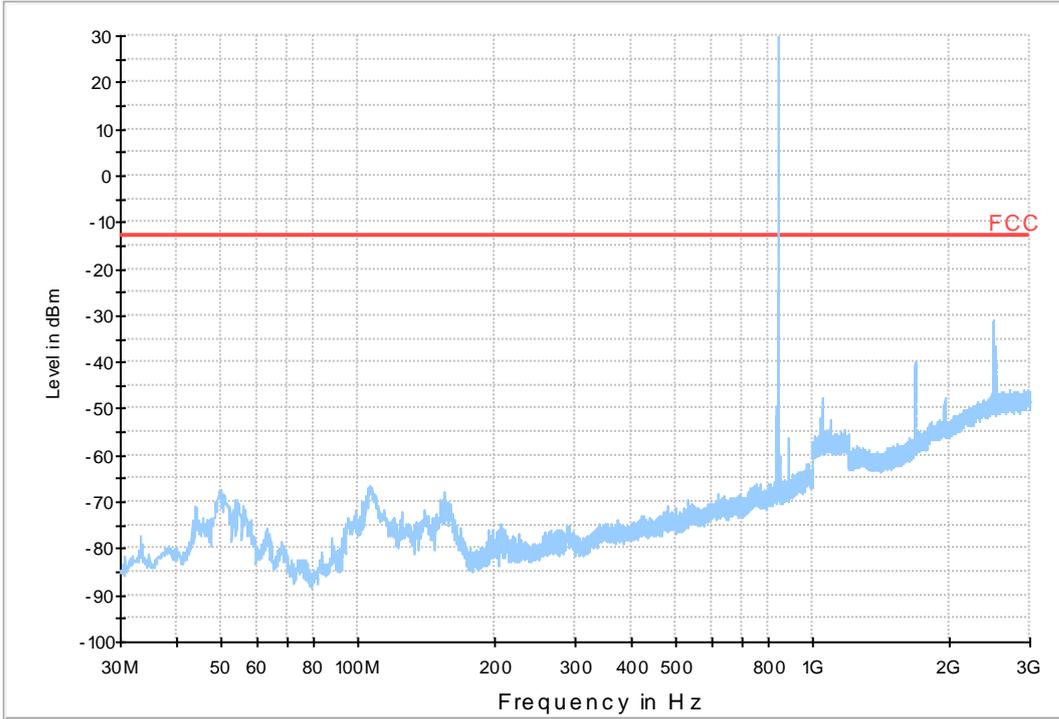
7.1 For GSM

7.1.1 Test Band = GSM850

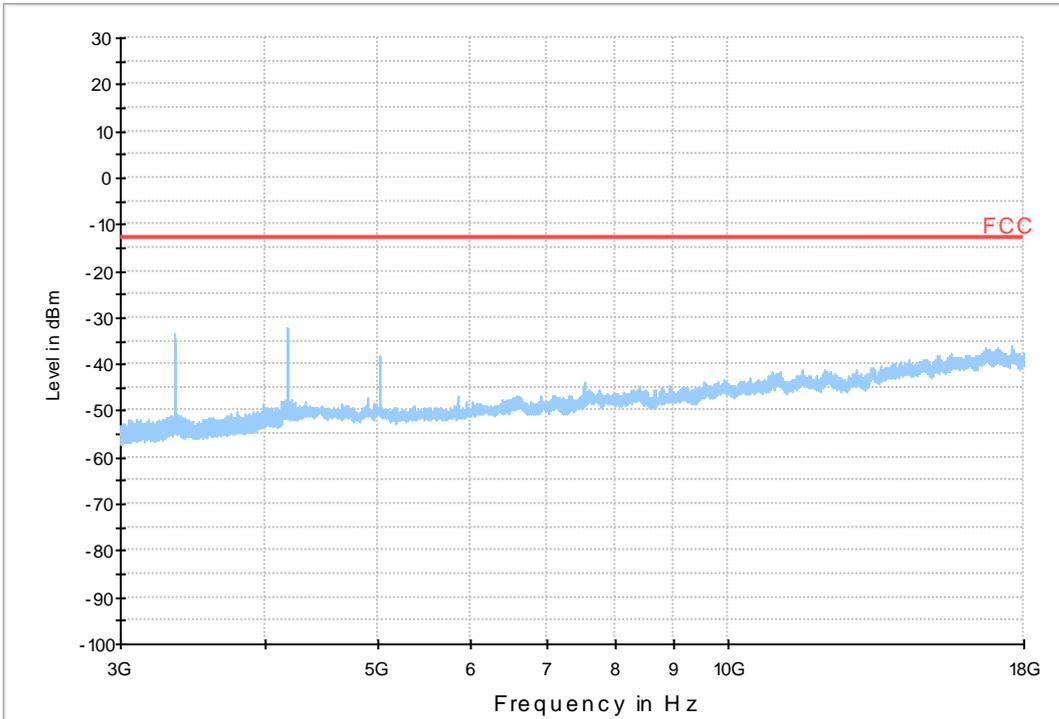
7.1.1.1 Test Mode = GSM/TM1



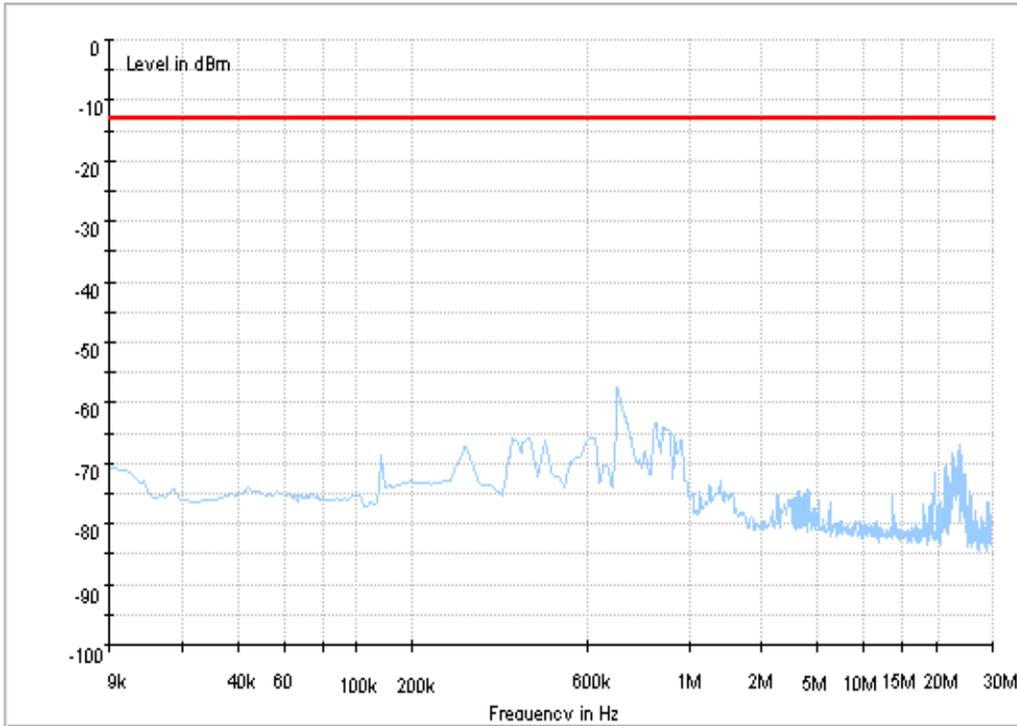
Copy of FCC PART22 GSM850_L



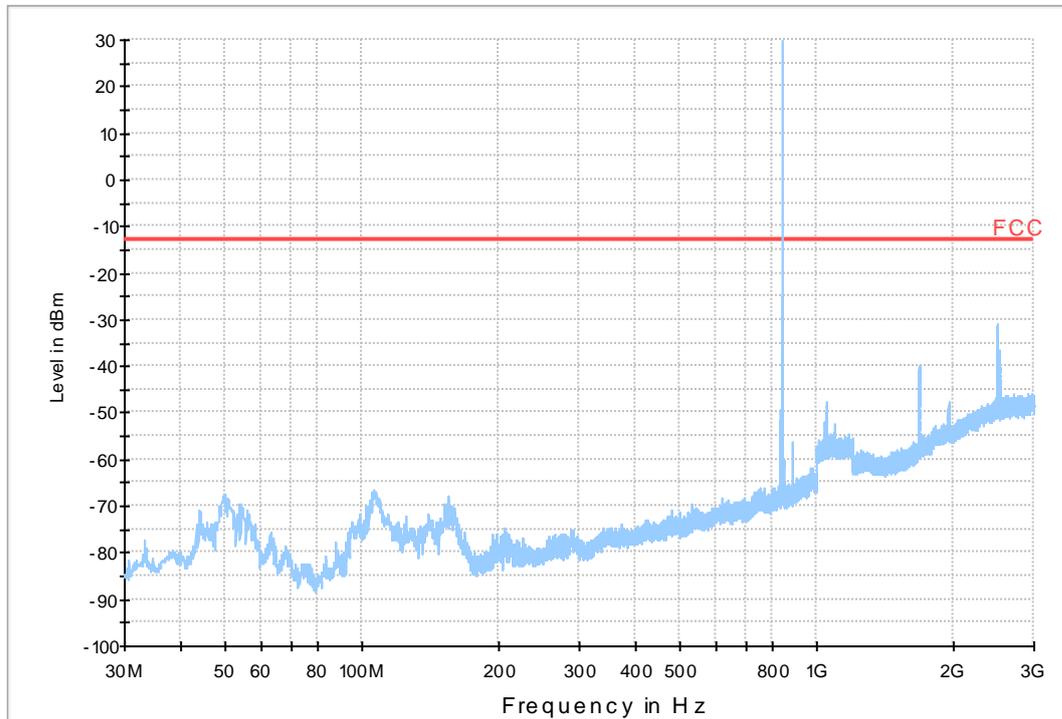
Copy of FCC PART22 GSM850_H



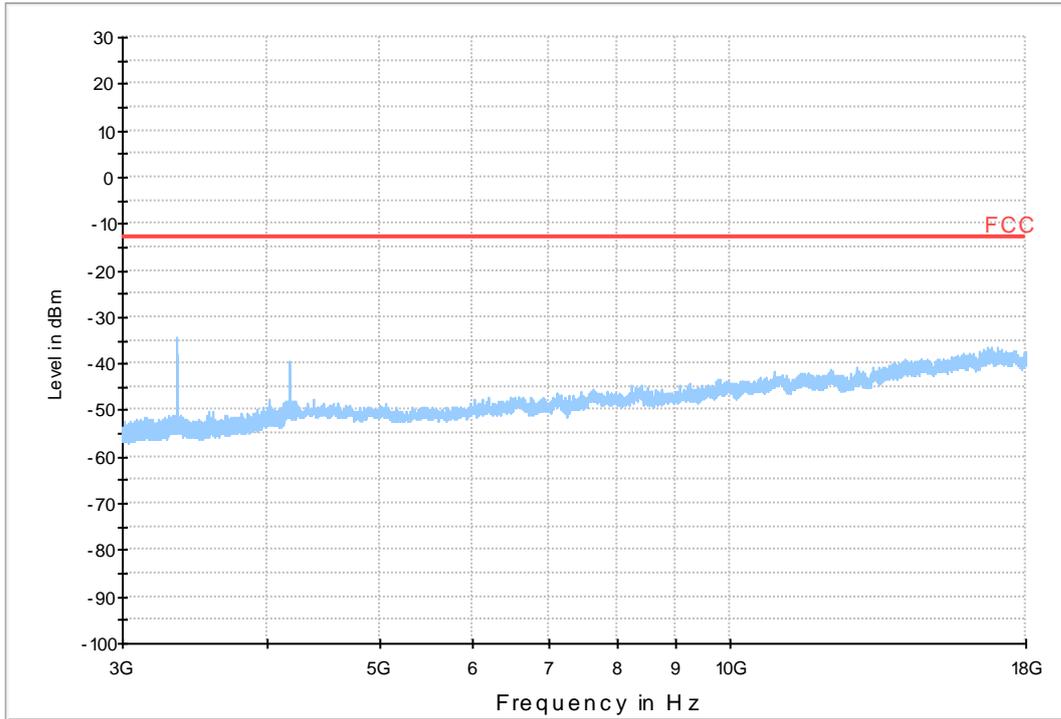
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

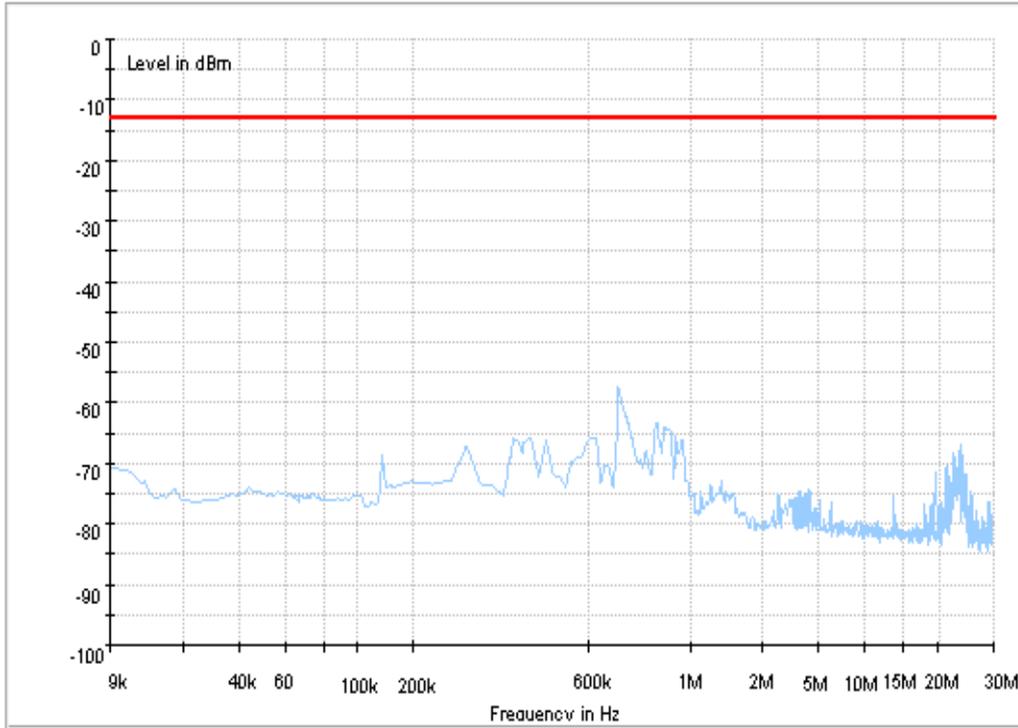


Copy of FCC PART22 GSM850_H

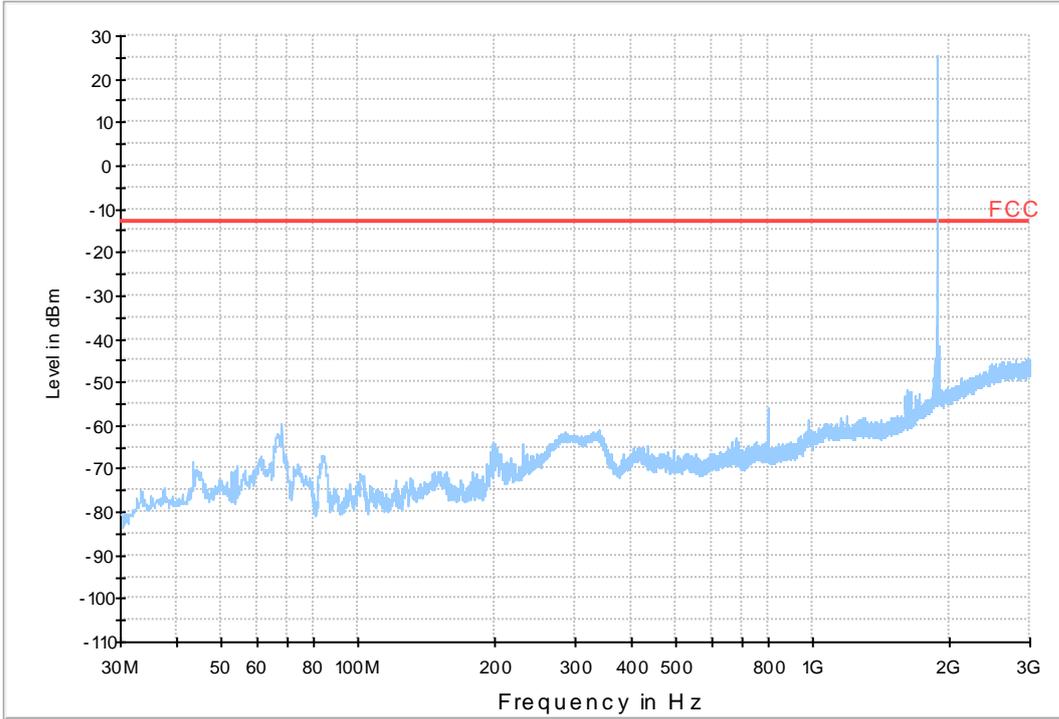


7.1.2 Test Band = GSM1900

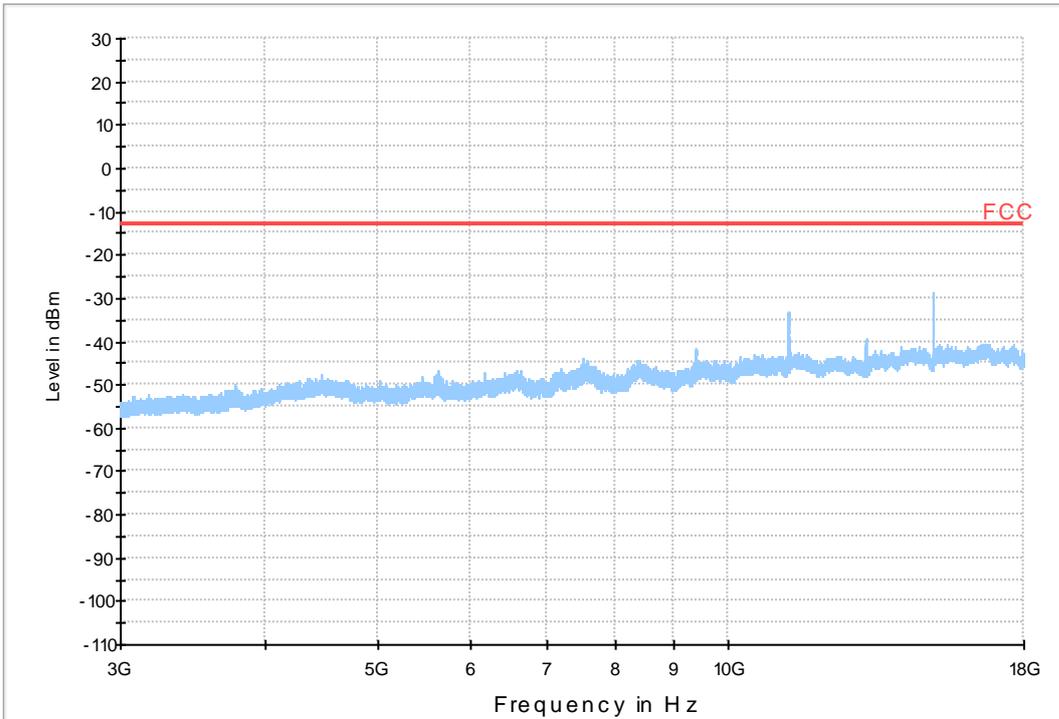
7.1.2.1 Test Mode = GSM/TM1

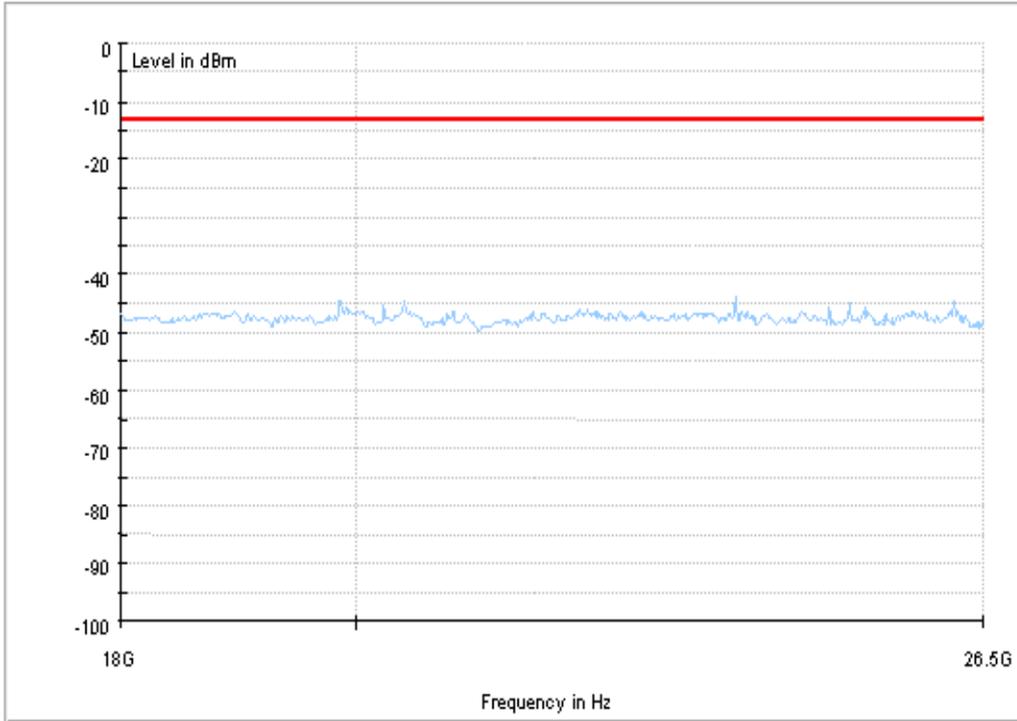


Copy of FCC PART24 GSM1900_L

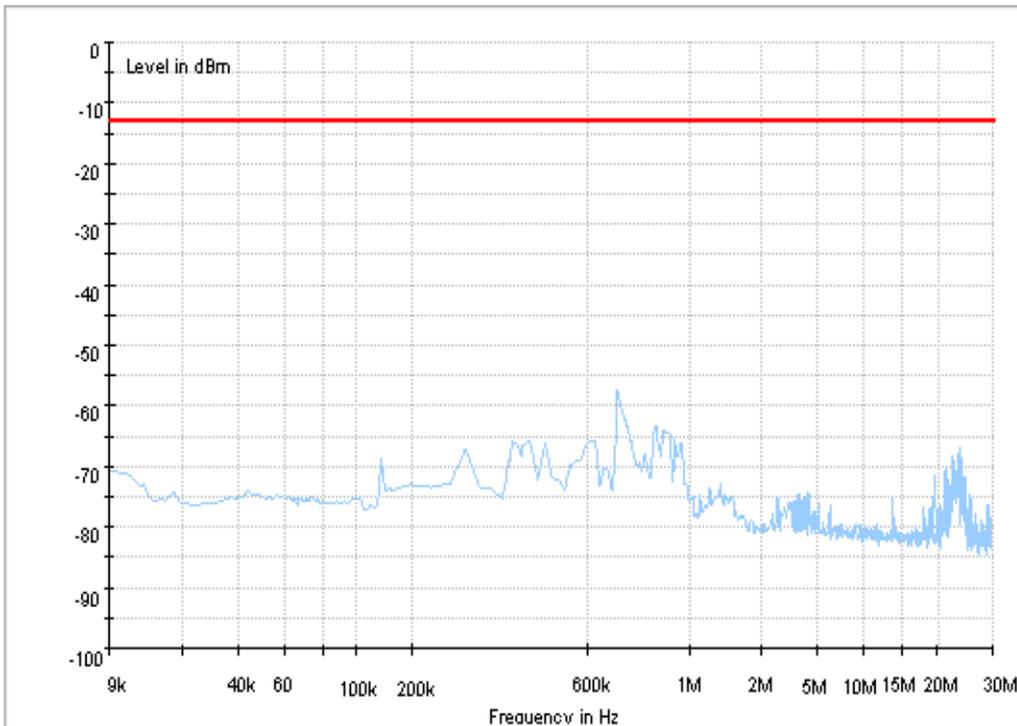


Copy of FCC PART24 GSM1900_H

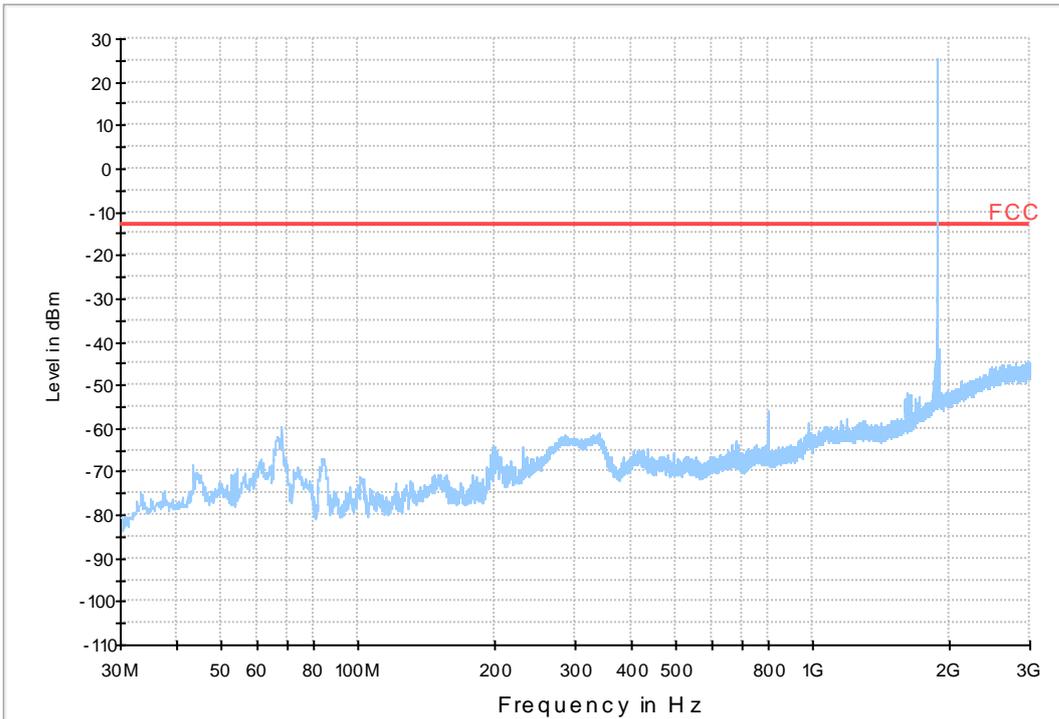




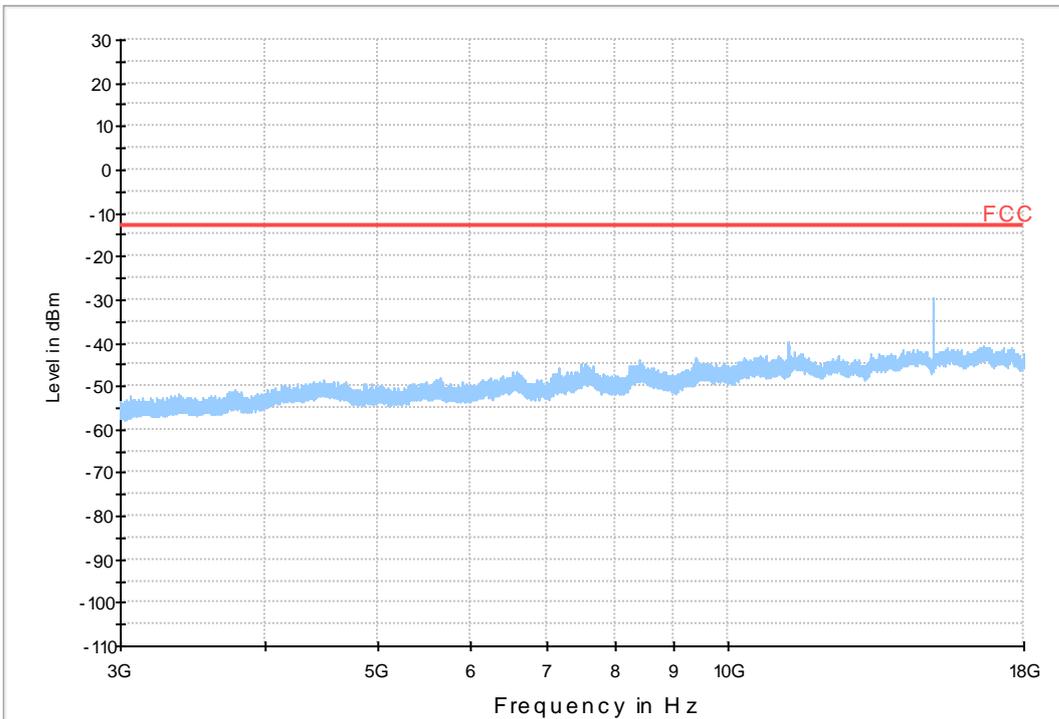
7.1.2.2 Test Mode = GSM/TM2

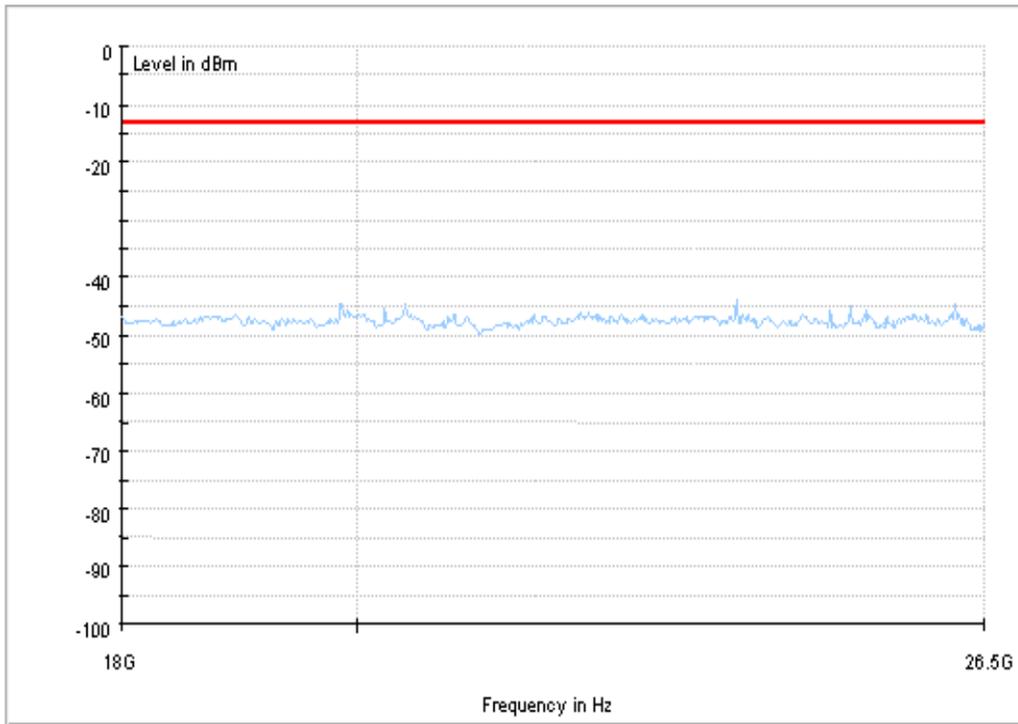


Copy of FCC PART24 GSM1900_L



Copy of FCC PART24 GSM1900_H

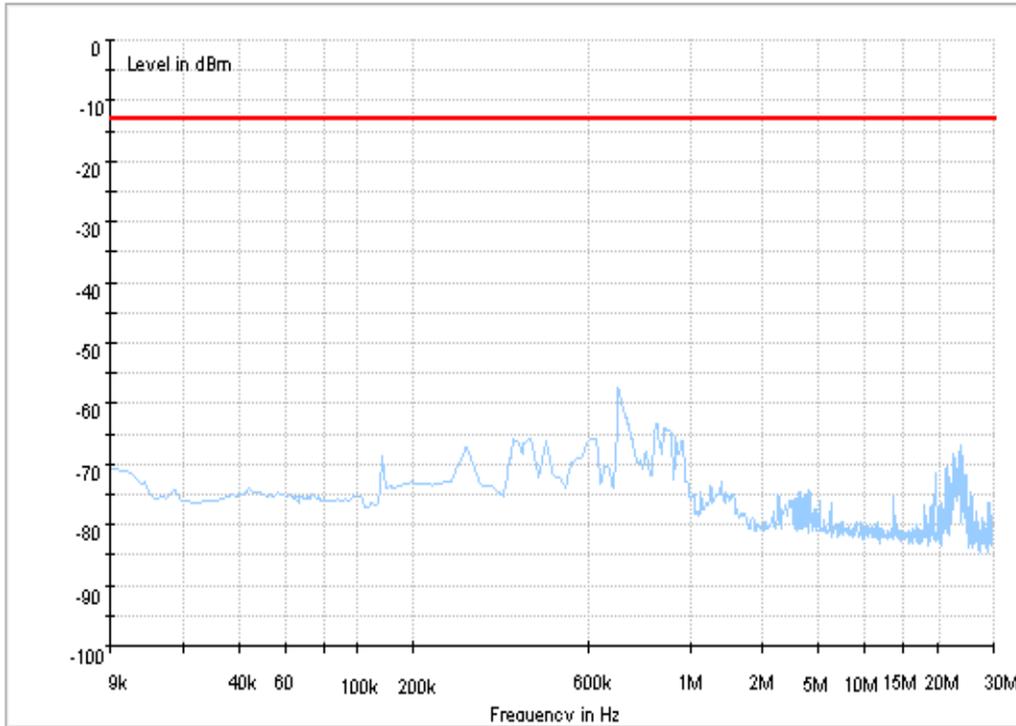




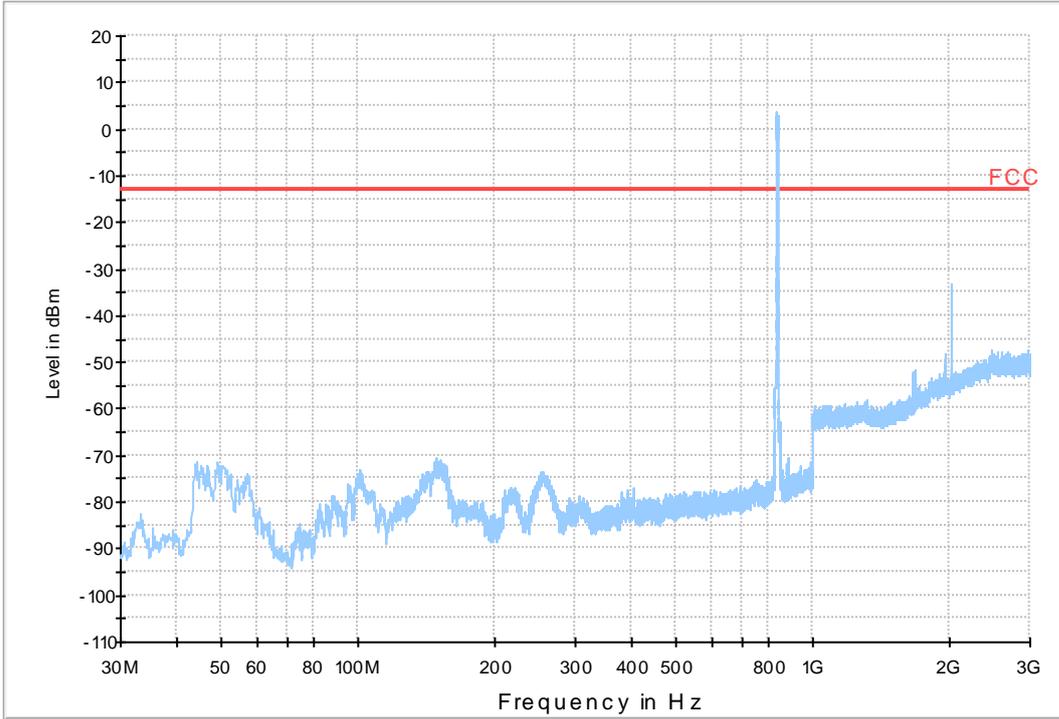
7.2 For UMTS

7.2.1 Test Band = WCDMA850

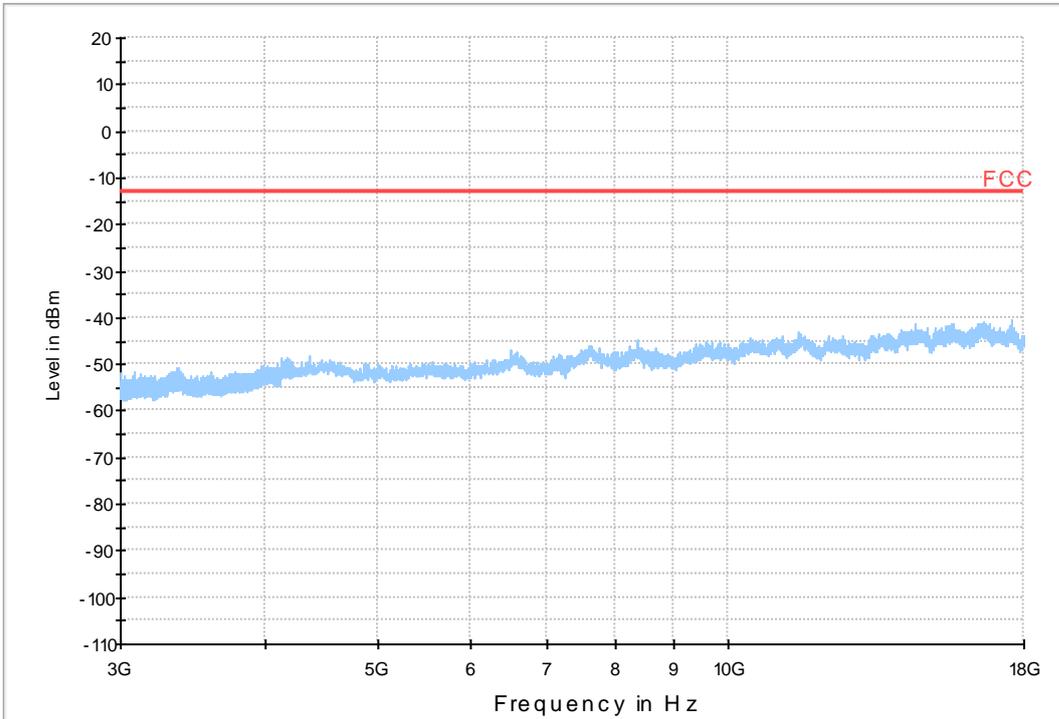
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 W CDMA850_L

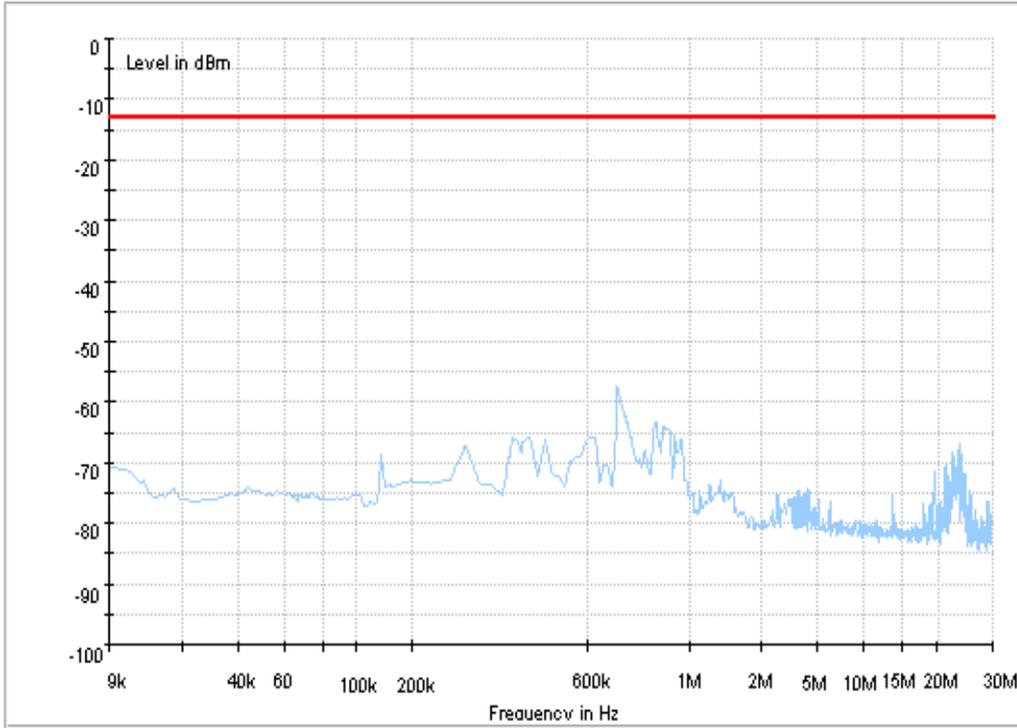


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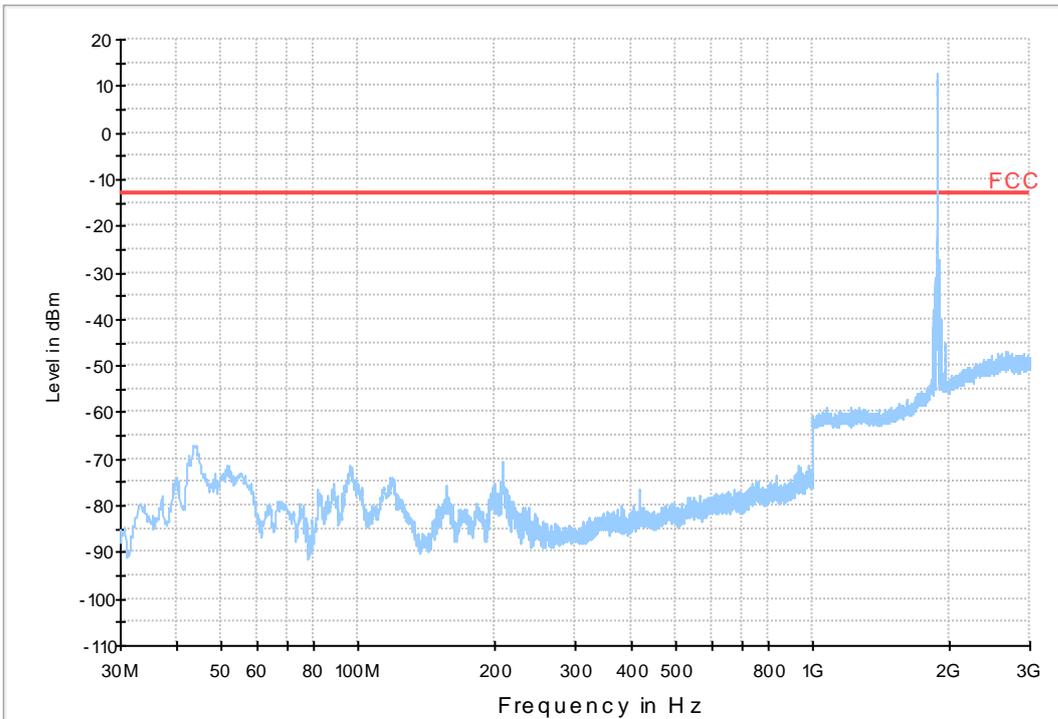


7.2.2 Test Band = WCDMA1900

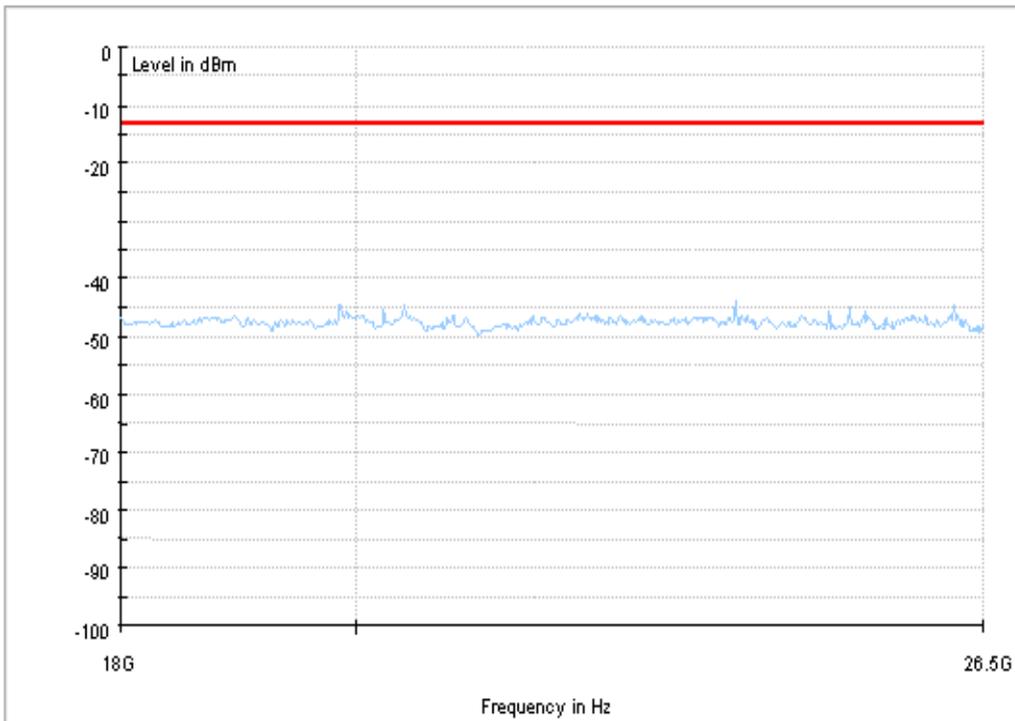
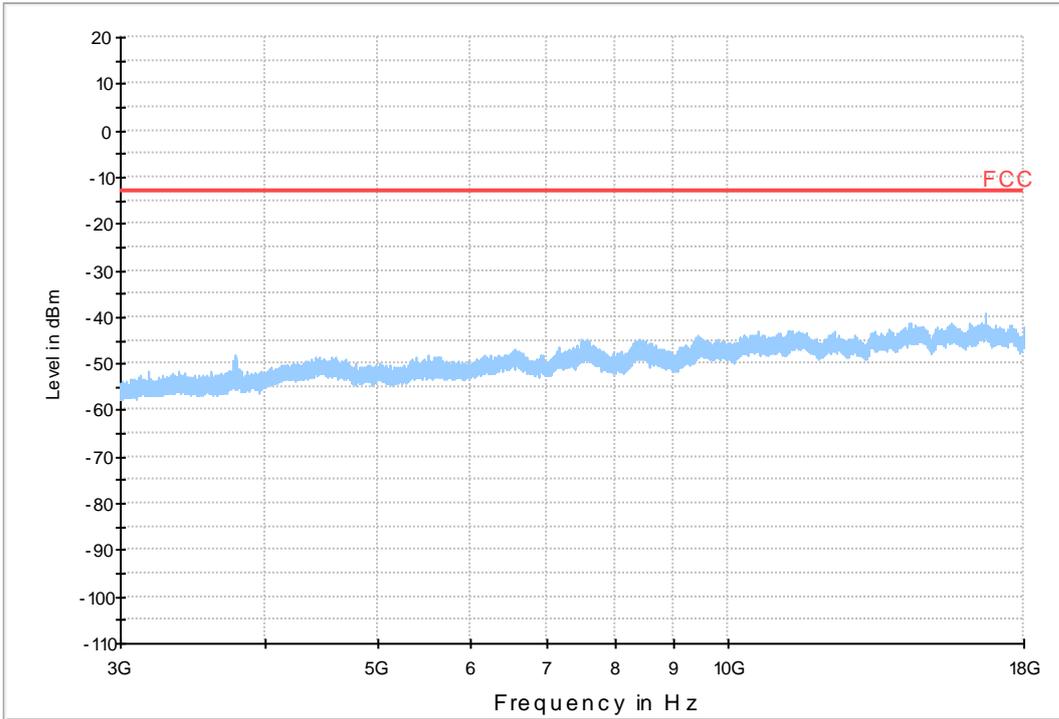
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART 24 W CDMA1900_L



Copy of FCC PART24 W CDMA1900_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	-1.55	-0.00188	PASS
				VN	-3.87	-0.0047	PASS
				VH	0.58	0.0007	PASS
		MCH	TN	VL	1.61	0.00192	PASS
				VN	8.65	0.01034	PASS
				VH	-1.42	-0.0017	PASS
		HCH	TN	VL	-14.66	-0.01727	PASS
				VN	-5.62	-0.00662	PASS
				VH	-6.01	-0.00708	PASS
	GSM/TM2	LCH	TN	VL	-5.75	-0.00698	PASS
				VN	1.29	0.00157	PASS
				VH	6.65	0.00807	PASS
		MCH	TN	VL	-0.06	-0.00007	PASS
				VN	6.13	0.00733	PASS
				VH	7.55	0.00902	PASS
		HCH	TN	VL	-8.46	-0.00997	PASS
				VN	-7.55	-0.00889	PASS
				VH	-4.46	-0.00525	PASS
GSM1900	GSM/TM1	LCH	TN	VL	16.08	0.00869	PASS
				VN	16.92	0.00914	PASS
				VH	22.60	0.01221	PASS
		MCH	TN	VL	-0.52	-0.00028	PASS
				VN	-0.52	-0.00028	PASS
				VH	5.10	0.00271	PASS
		HCH	TN	VL	6.84	0.00358	PASS
				VN	10.01	0.00524	PASS
				VH	14.33	0.0075	PASS
	GSM/TM2	LCH	TN	VL	4.46	0.00241	PASS
				VN	5.88	0.00318	PASS
				VH	20.40	0.01103	PASS
		MCH	TN	VL	-5.13	-0.00273	PASS
				VN	-5.65	-0.00301	PASS
				VH			

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	-9.62	-0.00512	PASS
		HCH	TN	VL	4.16	0.00218	PASS
				VN	4.20	0.0022	PASS
				VH	5.10	0.00267	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	2.26	0.00274	PASS
				-20	-6.39	-0.00775	PASS
				-10	0.52	0.00063	PASS
				0	-0.06	-0.00007	PASS
				10	-0.65	-0.00079	PASS
				20	1.10	0.00133	PASS
				30	4.39	0.00533	PASS
				40	-0.90	-0.00109	PASS
		50	5.62	0.00682	PASS		
		MCH	VN	-30	7.10	0.00849	PASS
				-20	-4.58	-0.00547	PASS
				-10	-2.39	-0.00286	PASS
				0	4.20	0.00502	PASS
				10	2.65	0.00317	PASS
				20	4.71	0.00563	PASS
				30	3.10	0.00371	PASS
				40	3.68	0.0044	PASS
		50	6.59	0.00788	PASS		
		HCH	VN	-30	-4.46	-0.00525	PASS
				-20	-3.49	-0.00411	PASS
				-10	-5.75	-0.00677	PASS
				0	-5.49	-0.00647	PASS
				10	-3.75	-0.00442	PASS
				20	-6.39	-0.00753	PASS
	30			-3.03	-0.00357	PASS	
	40			-6.97	-0.00821	PASS	
	50	-6.20	-0.0073	PASS			
	GSM/TM2	LCH	VN	-30	-1.26	-0.00153	PASS
				-20	2.26	0.00274	PASS
				-10	0.48	0.00058	PASS
				0	0.84	0.00102	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				10	-1.81	-0.0022	PASS		
				20	0.00	0	PASS		
				30	-1.39	-0.00169	PASS		
				40	-2.55	-0.00309	PASS		
				50	3.03	0.00368	PASS		
		MCH	VN	-30	3.52	0.00421	PASS		
				-20	4.68	0.00559	PASS		
				-10	2.13	0.00255	PASS		
				0	1.16	0.00139	PASS		
				10	4.52	0.0054	PASS		
				20	5.04	0.00602	PASS		
				30	0.45	0.00054	PASS		
				40	4.94	0.0059	PASS		
				50	-2.07	-0.00247	PASS		
				HCH	VN	-30	-3.07	-0.00362	PASS
		-20	-3.26			-0.00384	PASS		
		-10	-5.55			-0.00654	PASS		
		0	-1.84			-0.00217	PASS		
		10	-5.59			-0.00659	PASS		
		20	-3.91			-0.00461	PASS		
		30	-9.07			-0.01069	PASS		
		40	-4.26			-0.00502	PASS		
		50	-2.62	-0.00309	PASS				
		GSM1900	GSM/TM1	LCH	VN	-30	26.54	0.01434	PASS
						-20	7.30	0.00395	PASS
						-10	24.02	0.01298	PASS
						0	12.98	0.00702	PASS
						10	16.01	0.00865	PASS
20	17.82					0.00963	PASS		
30	22.34					0.01207	PASS		
40	26.02					0.01406	PASS		
50	15.50					0.00838	PASS		
MCH	VN			-30	1.81	0.00096	PASS		
				-20	5.29	0.00281	PASS		
				-10	3.62	0.00193	PASS		
				0	-6.72	-0.00357	PASS		
				10	-3.49	-0.00186	PASS		
				20	-2.71	-0.00144	PASS		
				30	14.40	0.00766	PASS		
				40	-2.91	-0.00155	PASS		

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		HCH	VN	50	2.97	0.00158	PASS
				-30	11.95	0.00626	PASS
				-20	13.75	0.0072	PASS
				-10	13.17	0.0069	PASS
				0	9.88	0.00517	PASS
				10	13.30	0.00696	PASS
				20	13.30	0.00696	PASS
				30	12.33	0.00646	PASS
				40	11.75	0.00615	PASS
				50	9.36	0.0049	PASS
	GSM/TM2	LCH	VN	-30	20.11	0.01087	PASS
				-20	4.55	0.00246	PASS
				-10	1.90	0.00103	PASS
				0	3.00	0.00162	PASS
				10	0.48	0.00026	PASS
				20	20.86	0.01127	PASS
				30	17.69	0.00956	PASS
				40	6.46	0.00349	PASS
				50	10.33	0.00558	PASS
				MCH	VN	-30	-12.56
		-20	-7.23			-0.00385	PASS
		-10	-8.39			-0.00446	PASS
		0	-8.10			-0.00431	PASS
		10	-11.78			-0.00627	PASS
		20	-7.07			-0.00376	PASS
		30	-13.95			-0.00742	PASS
		40	5.62			0.00299	PASS
		50	-3.16			-0.00168	PASS
		HCH	VN			-30	-2.32
				-20	-3.94	-0.00206	PASS
				-10	9.78	0.00512	PASS
				0	5.81	0.00304	PASS
				10	-6.72	-0.00352	PASS
				20	6.26	0.00328	PASS
				30	-0.29	-0.00015	PASS
				40	2.62	0.00137	PASS
				50	3.49	0.00183	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	2.64	0.00319	PASS
				VN	2.06	0.00249	PASS
				VH	-2.17	-0.00263	PASS
		MCH	TN	VL	5.40	0.00646	PASS
				VN	7.29	0.00872	PASS
				VH	5.71	0.00683	PASS
		HCH	TN	VL	-2.14	-0.00253	PASS
				VN	4.58	0.00541	PASS
				VH	0.14	0.00017	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	9.48	0.00512	PASS
				VN	11.61	0.00627	PASS
				VH	6.74	0.00364	PASS
		MCH	TN	VL	-3.13	-0.00166	PASS
				VN	6.82	0.00363	PASS
				VH	-7.86	-0.00418	PASS
		HCH	TN	VL	-8.32	-0.00436	PASS
				VN	-1.88	-0.00099	PASS
				VH	-7.49	-0.00393	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	5.22	0.00632	PASS
				-20	2.03	0.00246	PASS
				-10	0.35	0.00042	PASS
				0	0.12	0.00015	PASS
				10	4.36	0.00528	PASS
				20	0.12	0.00015	PASS
				30	1.91	0.00231	PASS
				40	9.63	0.01165	PASS
				50	2.14	0.00259	PASS
		MCH	VN	-30	6.39	0.00764	PASS
				-20	1.54	0.00184	PASS
				-10	2.43	0.00291	PASS
				0	4.56	0.00545	PASS
				10	-1.54	-0.00184	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				20	8.71	0.01041	PASS		
				30	0.20	0.00024	PASS		
				40	0.99	0.00118	PASS		
				50	5.75	0.00687	PASS		
		HCH	VN			-30	1.91	0.00226	PASS
						-20	3.16	0.00373	PASS
						-10	6.35	0.0075	PASS
						0	7.68	0.00907	PASS
						10	5.19	0.00613	PASS
						20	2.47	0.00292	PASS
						30	7.06	0.00834	PASS
						40	2.50	0.00295	PASS
						50	3.72	0.00439	PASS
						WCDMA1900	UMTS/TM1	LCH	VN
-20	9.41	0.00508	PASS						
-10	1.75	0.00094	PASS						
0	5.83	0.00315	PASS						
10	0.85	0.00046	PASS						
20	7.54	0.00407	PASS						
30	-1.79	-0.00097	PASS						
40	4.44	0.0024	PASS						
50	0.87	0.00047	PASS						
MCH	VN			-30	2.08			0.00111	PASS
				-20	7.28			0.00387	PASS
				-10	-5.19			-0.00276	PASS
				0	9.89			0.00526	PASS
				10	-8.07			-0.00429	PASS
				20	0.44			0.00023	PASS
				30	11.84			0.0063	PASS
				40	5.62			0.00299	PASS
50	4.44	0.00236	PASS						
HCH	VN			-30	-4.21			-0.00221	PASS
				-20	2.41			0.00126	PASS
				-10	6.24			0.00327	PASS
				0	-10.33			-0.00542	PASS
				10	-7.11			-0.00373	PASS
				20	-3.11			-0.00163	PASS
				30	-4.43			-0.00232	PASS
				40	-4.59			-0.00241	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				50	-9.92	-0.0052	PASS

END