



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	32.25	27.27	38.5	PASS
		MCH	32.61	27.63	38.5	PASS
		HCH	32.98	28	38.5	PASS
	GSM/TM2	LCH	26.52	21.54	38.5	PASS
		MCH	26.5	21.52	38.5	PASS
		HCH	26.48	21.5	38.5	PASS
WCDMA850	UMTS/TM1	LCH	23.41	18.43	38.5	PASS
		MCH	23.62	18.64	38.5	PASS
		HCH	23.28	18.3	38.5	PASS
Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
GSM1900	GSM/TM1	LCH	29.43	28.87	33	PASS
		MCH	29.54	28.98	33	PASS
		HCH	29.51	28.95	33	PASS
	GSM/TM2	LCH	25.2	24.64	33	PASS
		MCH	25.16	24.6	33	PASS
		HCH	25.2	24.64	33	PASS
WCDMA1900	UMTS/TM1	LCH	23.35	22.79	33	PASS
		MCH	22.80	22.24	33	PASS
		HCH	23.34	22.78	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	0.12	13	PASS
		HCH	0.12	13	PASS
	GSM/TM2	LCH	3.04	13	PASS
		MCH	2.98	13	PASS
		HCH	3.02	13	PASS
WCDMA1900	UMTS/TM1	LCH	3.11	13	PASS
		MCH	3.18	13	PASS
		HCH	2.85	13	PASS

3Appendix_C: Modulation Characteristics

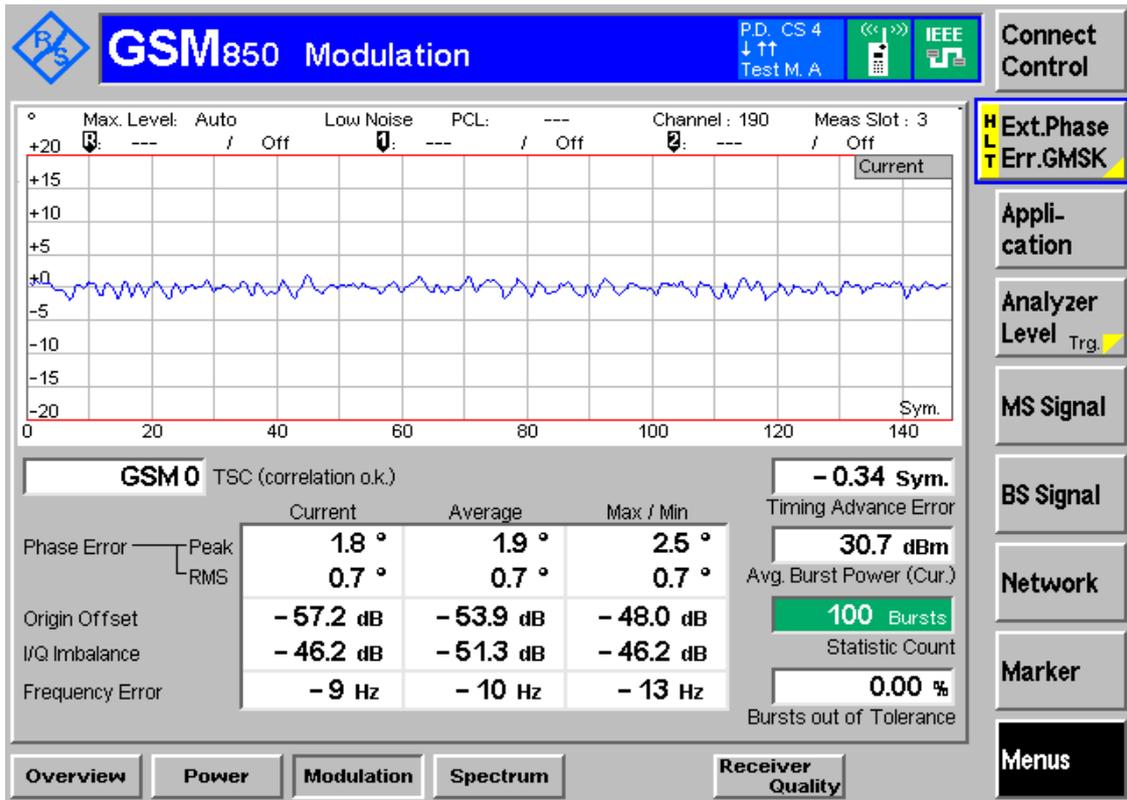
Part I - Test Plots

3.1 For GSM

3.1.1 Test Band = GSM850

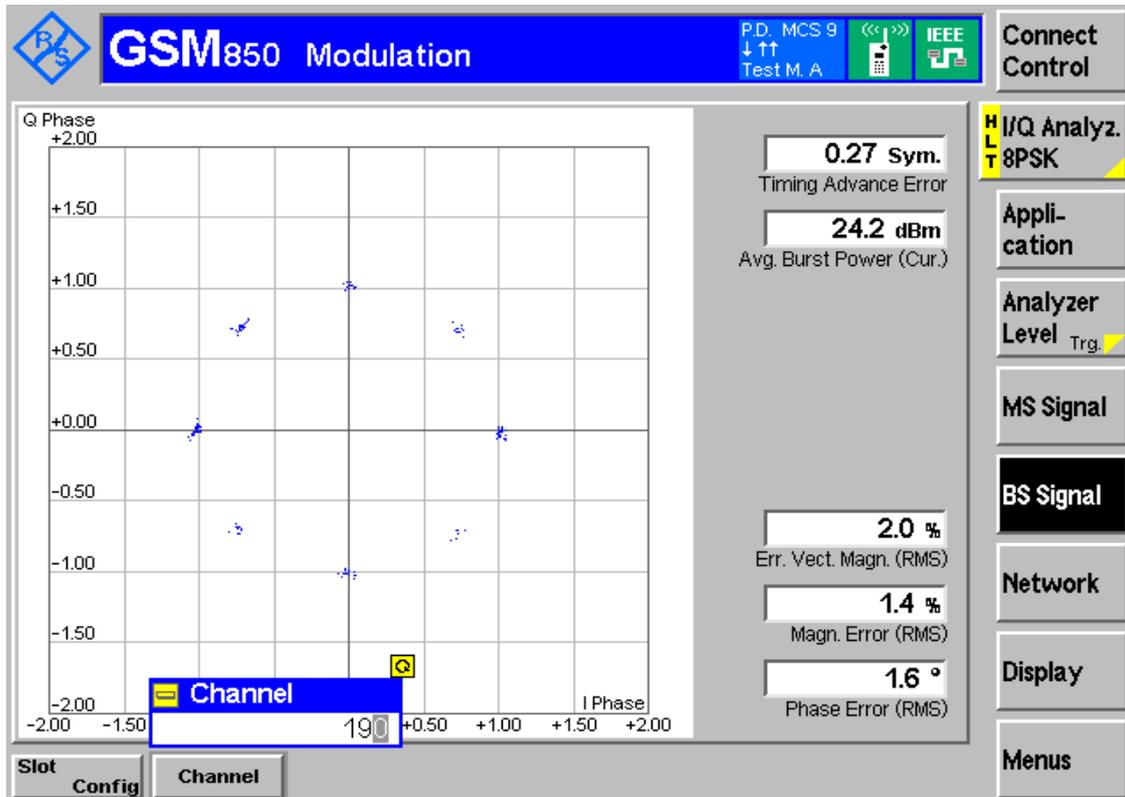
3.1.1.1 Test Mode = GSM/TM1

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = GSM/TM2

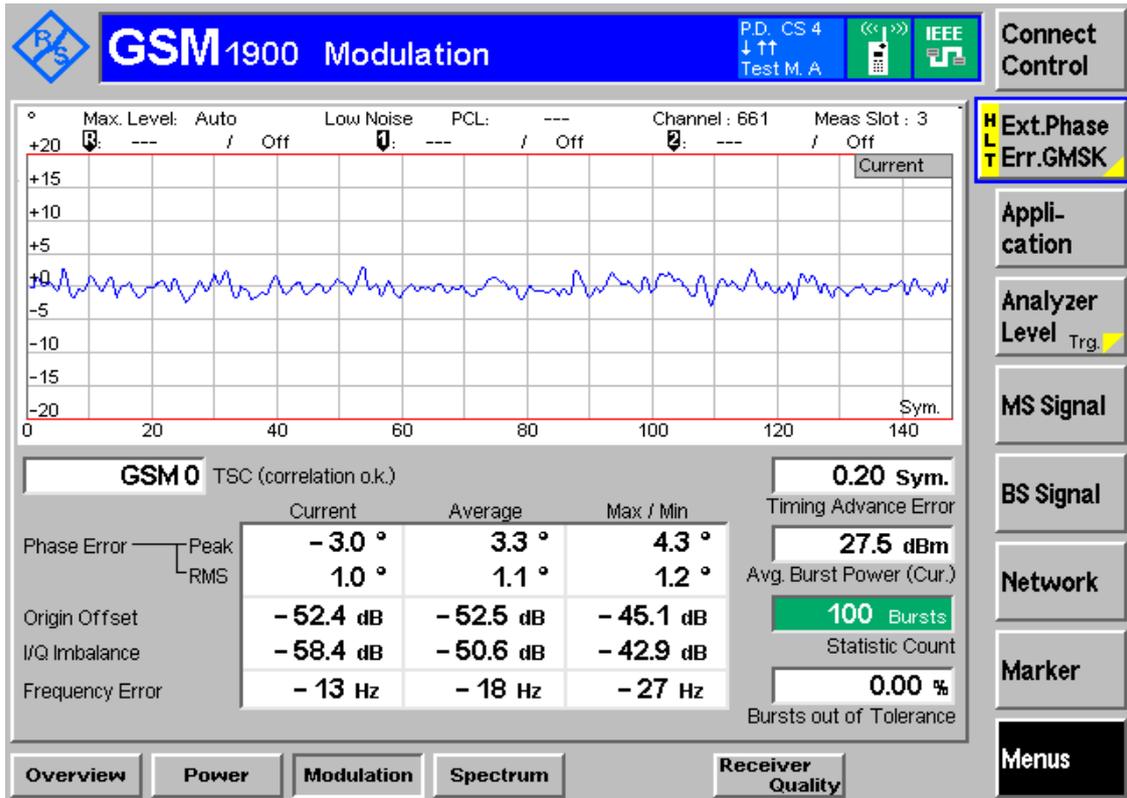
3.1.1.2.1 Test Channel = MCH



3.1.2 Test Band = GSM1900

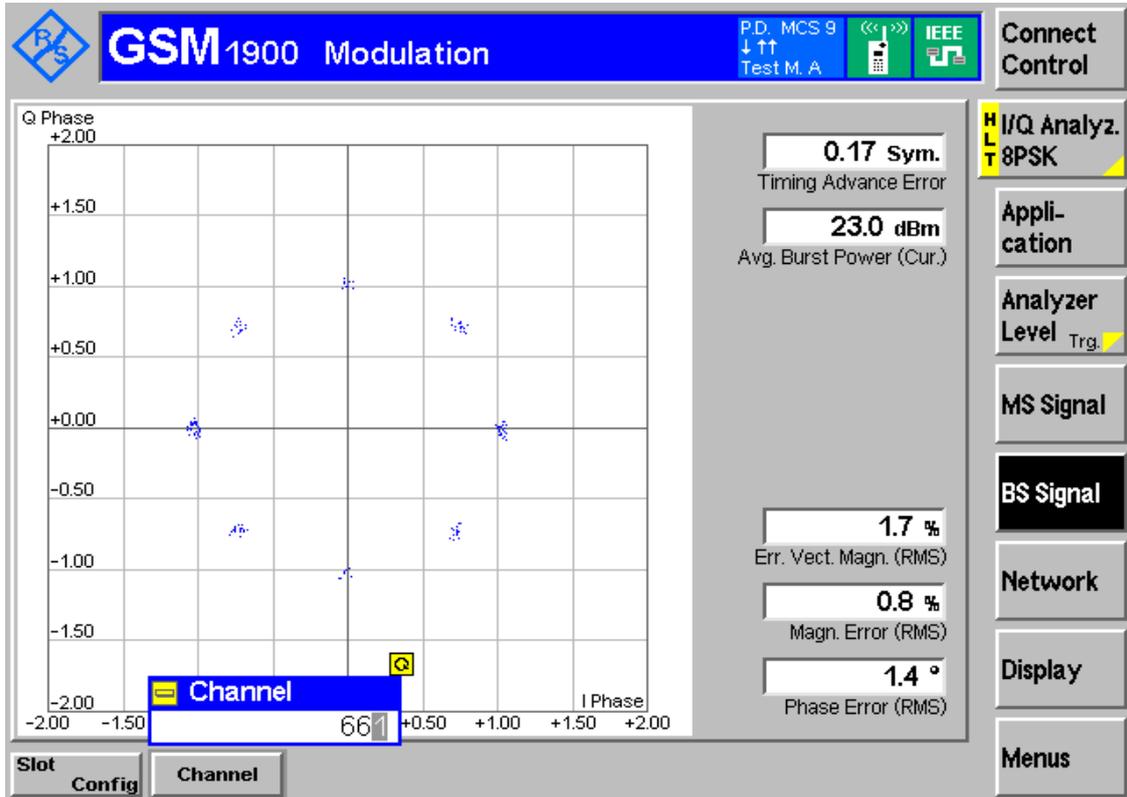
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3.1.2.1.1 Test Channel = MCH



3.1.2.3 Test Mode = GSM/TM2

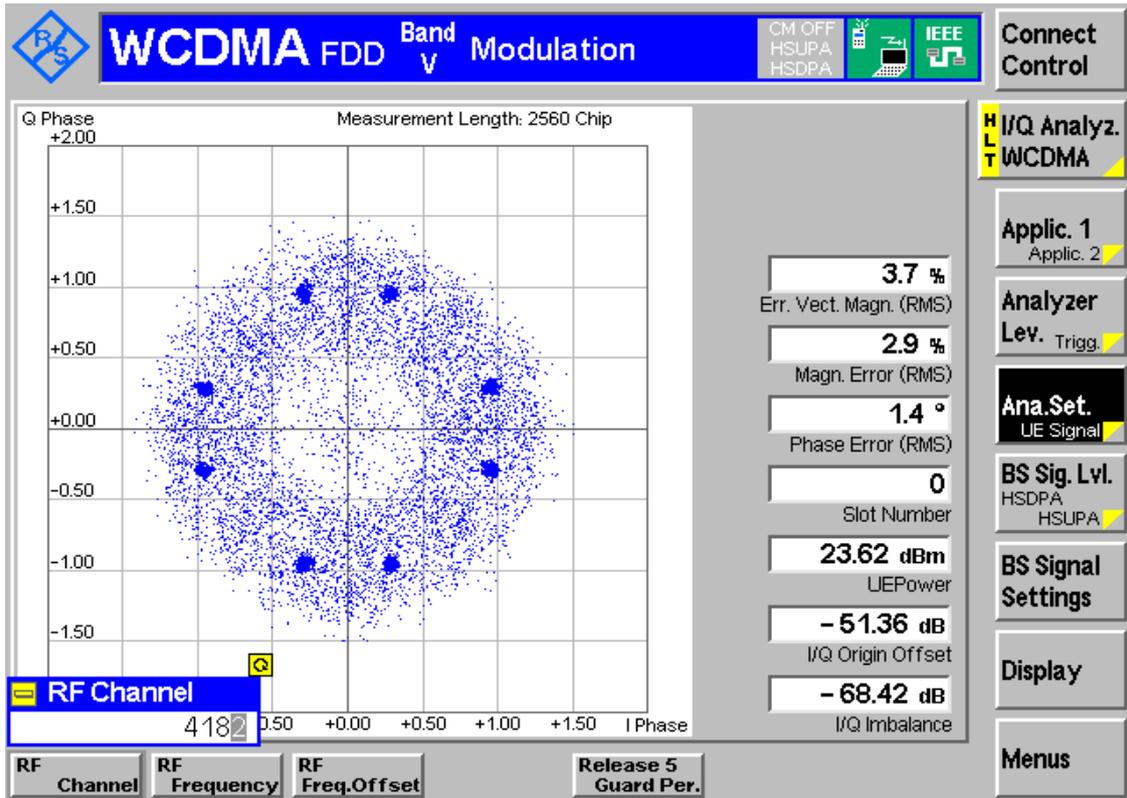
3.1.2.3.1 Test Channel = MCH



3.1.3 Test Band = WCDMA850

3.1.3.1 Test Mode = UMTS/TM1

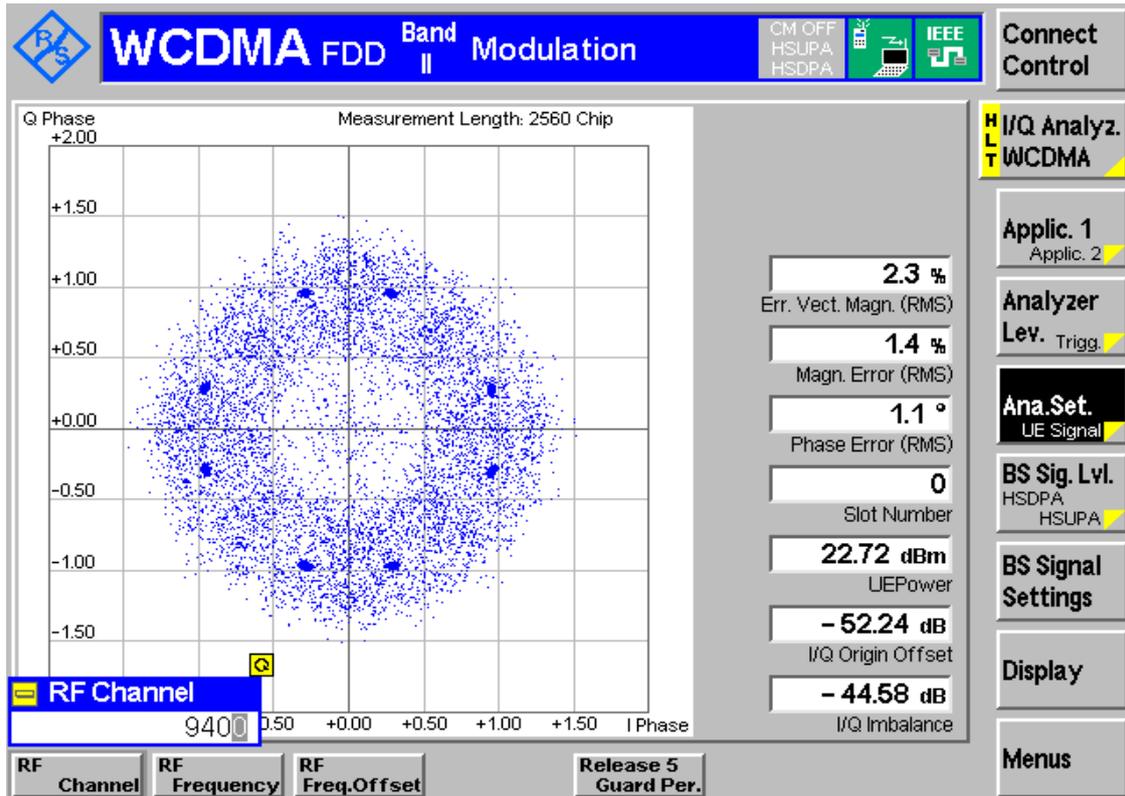
3.1.3.1.1 Test Channel = MCH



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	253.22	325.06	Pass
		MCH	245.49	319.54	Pass
		HCH	245.31	320.05	Pass
	GSM/TM2	LCH	250.48	318.99	Pass
		MCH	245.90	302.16	Pass
		HCH	243.85	303.05	Pass
GSM1900	GSM/TM1	LCH	247.27	323.32	Pass
		MCH	244.03	315.92	Pass
		HCH	245.53	323.75	Pass
	GSM/TM2	LCH	251.92	314.59	Pass
		MCH	248.74	323.34	Pass
		HCH	243.92	310.02	Pass
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.12	4.70	Pass
		MCH	4.15	4.75	Pass
		HCH	4.16	4.73	Pass
WCDMA1900	UMTS/TM1	LCH	4.14	4.73	Pass
		MCH	4.16	4.73	Pass
		HCH	4.15	4.73	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



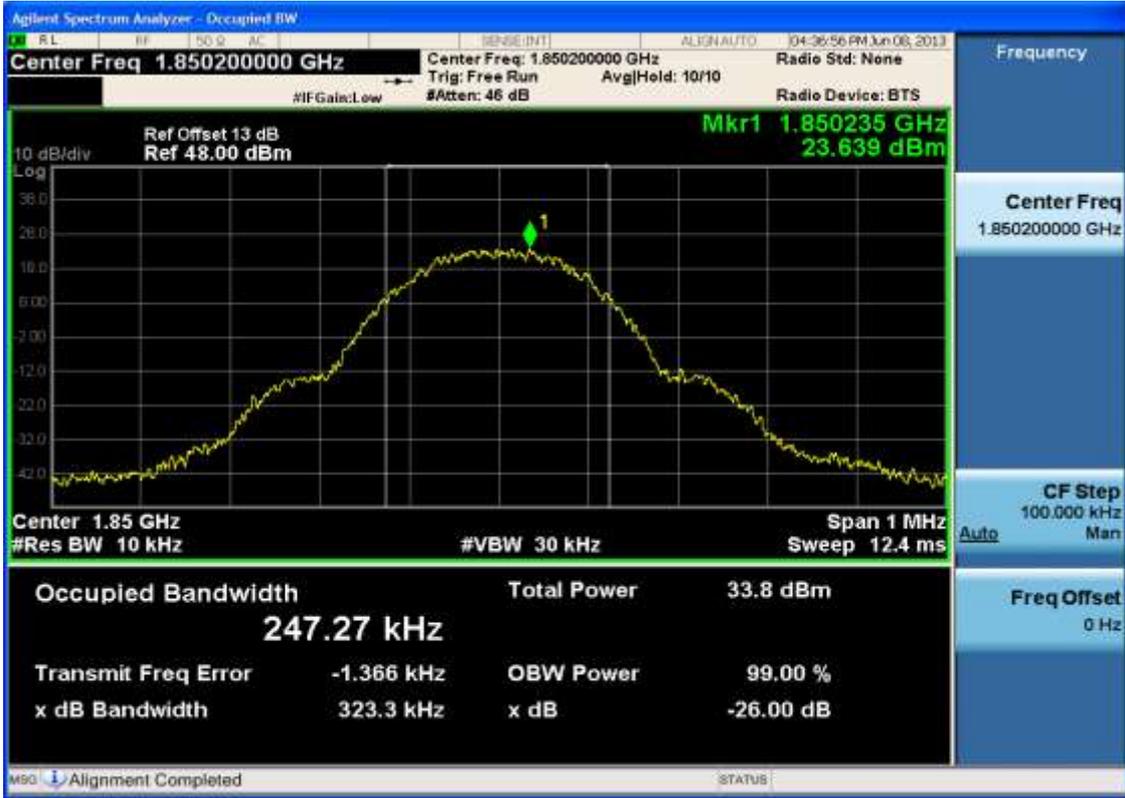
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4.1.2 Test Band = GSM1900

4.1.2.1 Test Mode = GSM/TM1

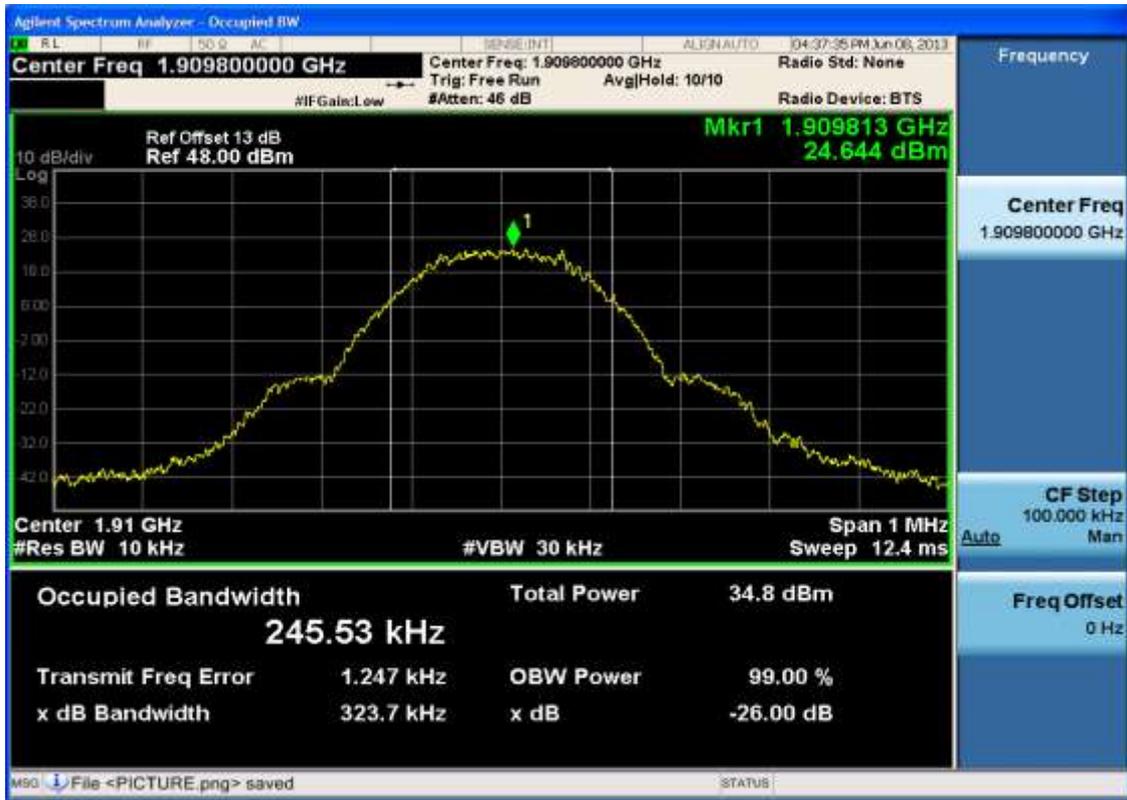
4.1.2.1.1 Test Channel = LCH



4.1.2.1.2 Test Channel = MCH



4.1.2.1.3 Test Channel = HCH

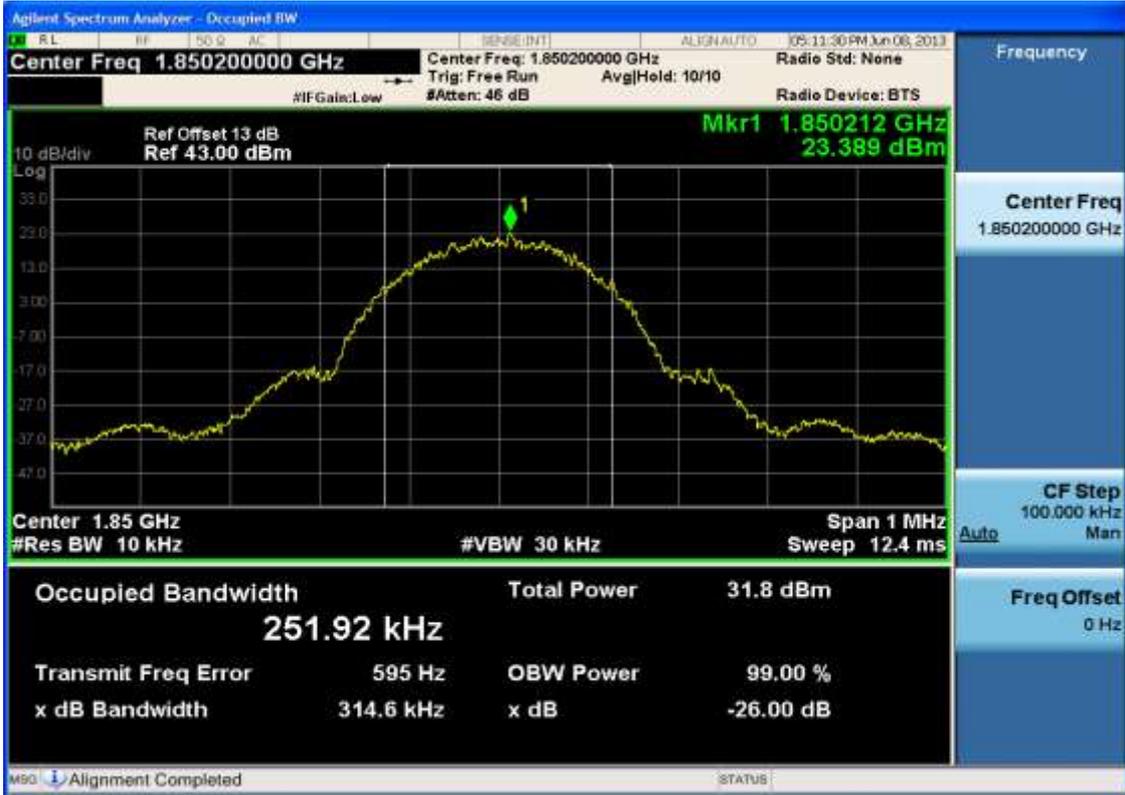


4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel =

4.1.2.3 Test Mode = GSM/TM2

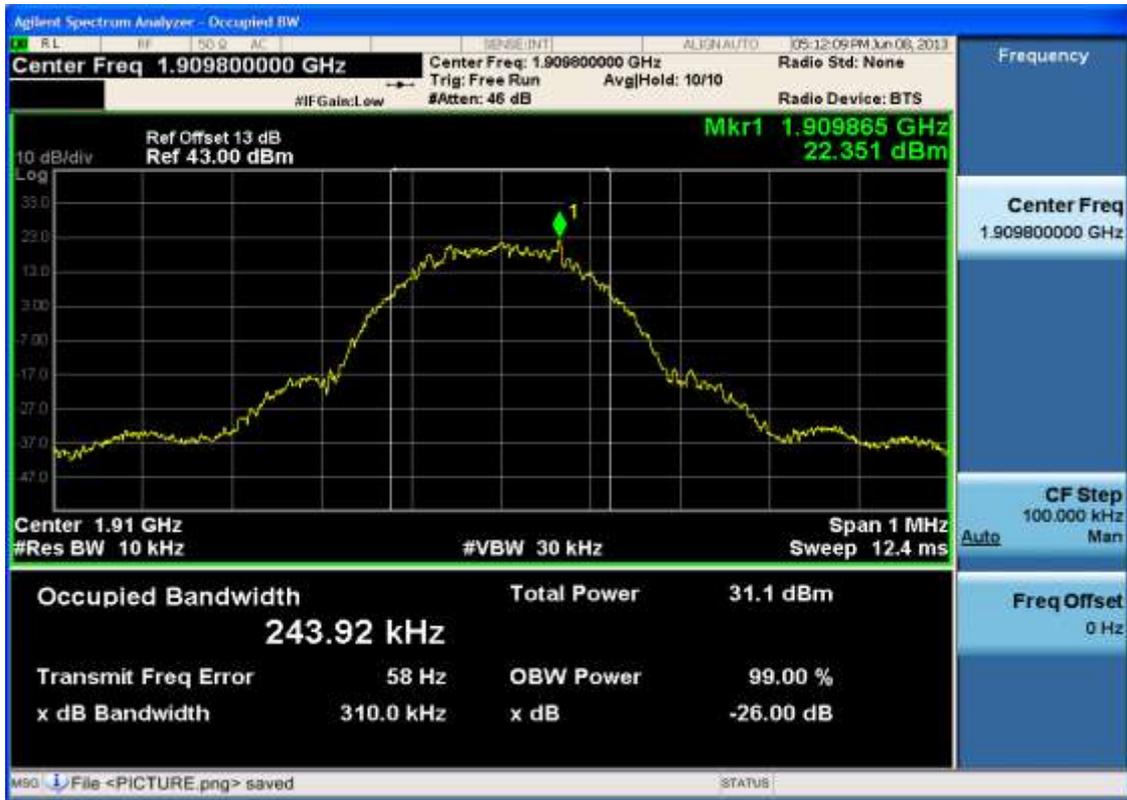
4.1.2.3.1 Test Channel = LCH



4.1.2.3.2 Test Channel = MCH



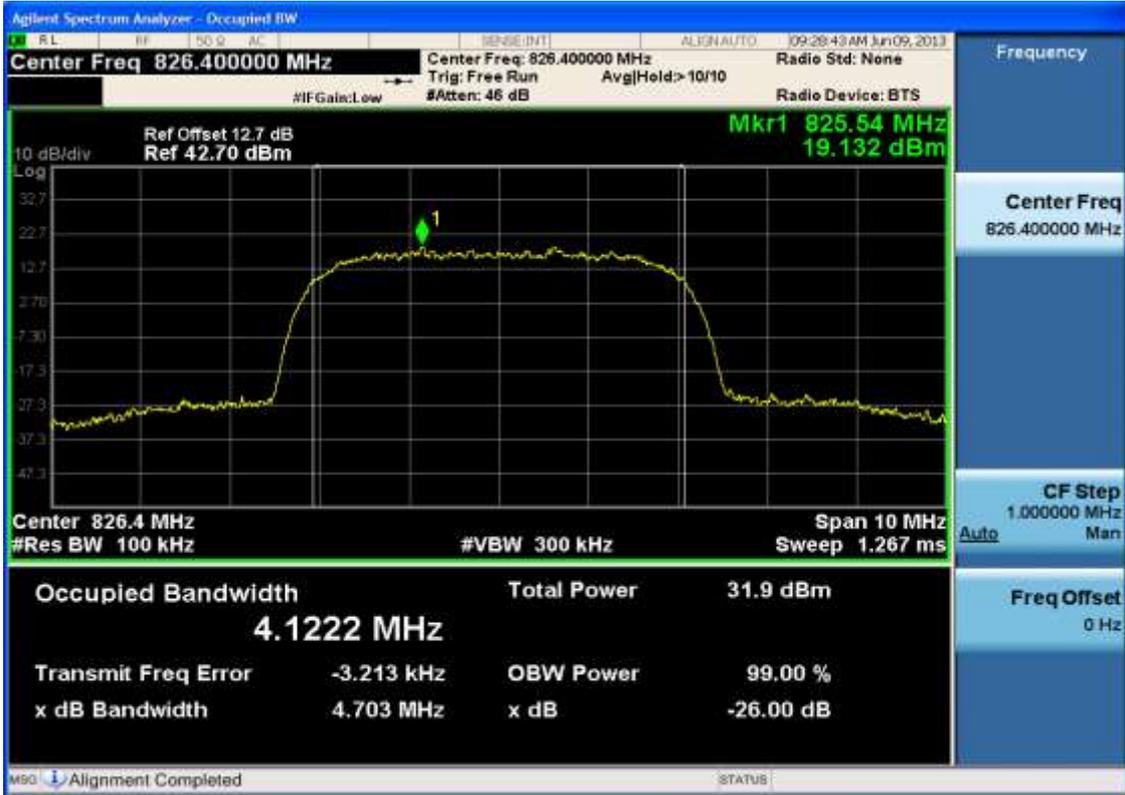
4.1.2.3.3 Test Channel = HCH



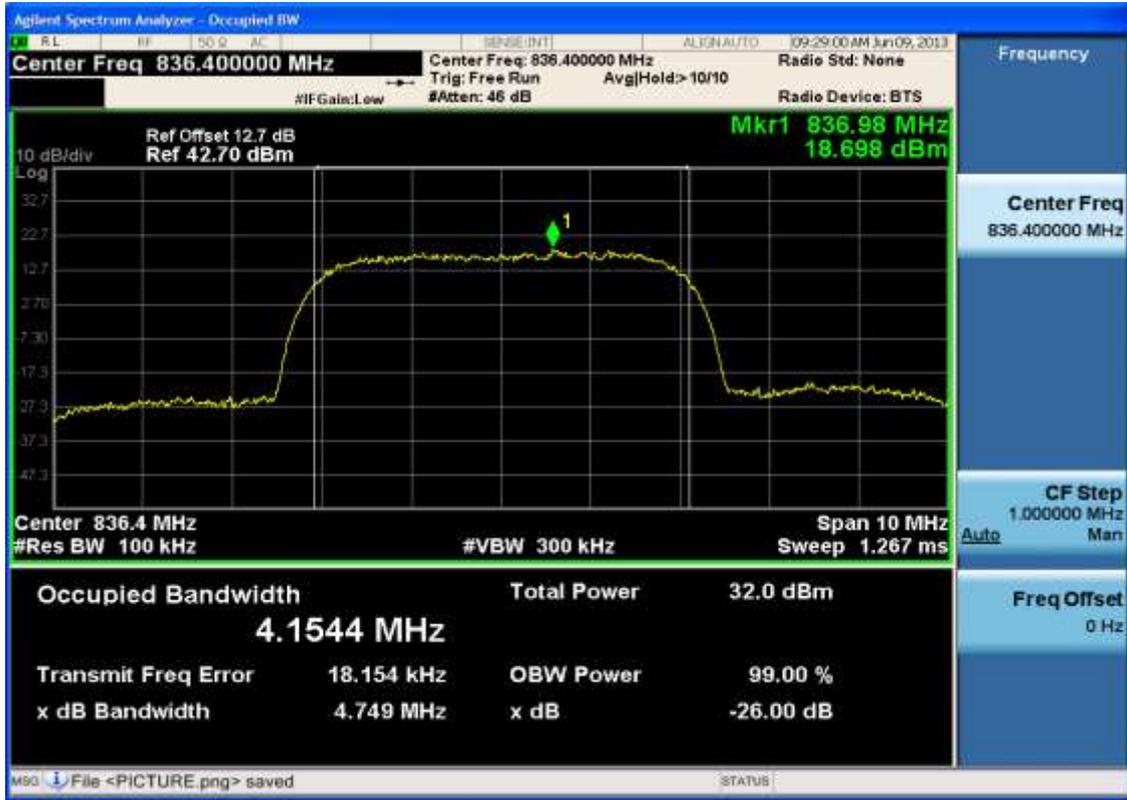
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4.1.3.1 Test Mode = UMTS/TM1

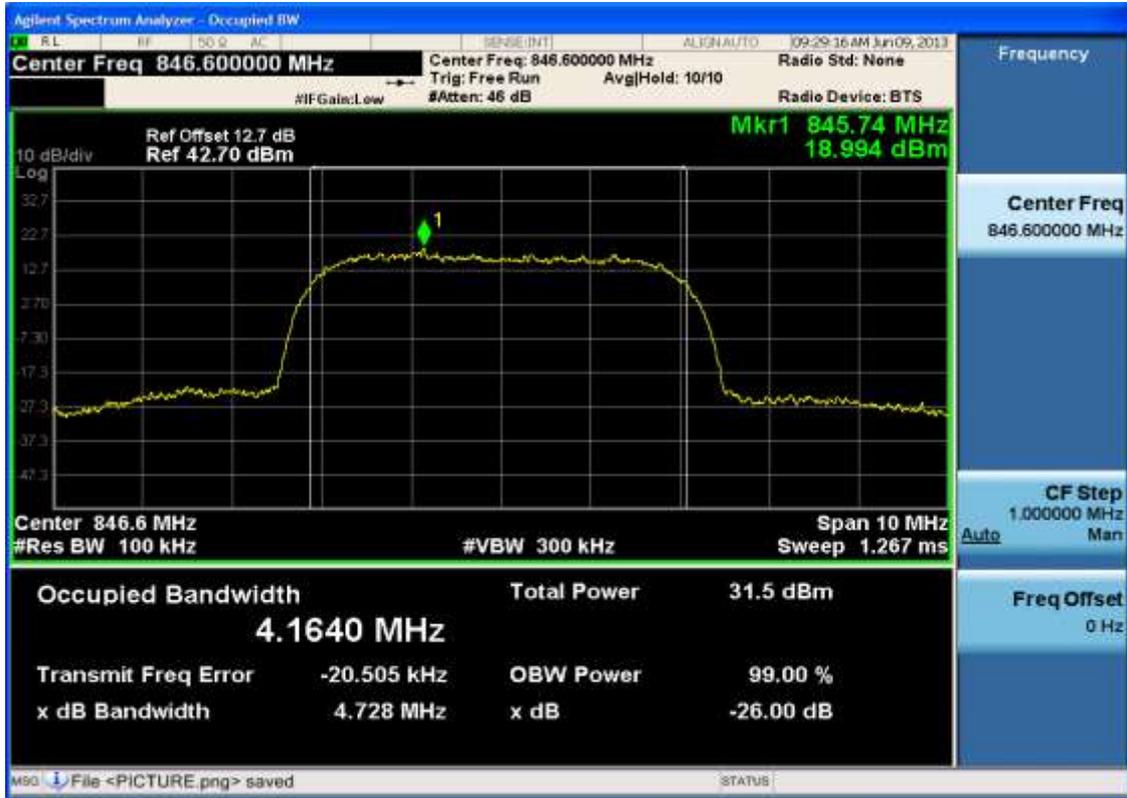
4.1.3.1.1 Test Channel = LCH



4.1.3.1.2 Test Channel = MCH



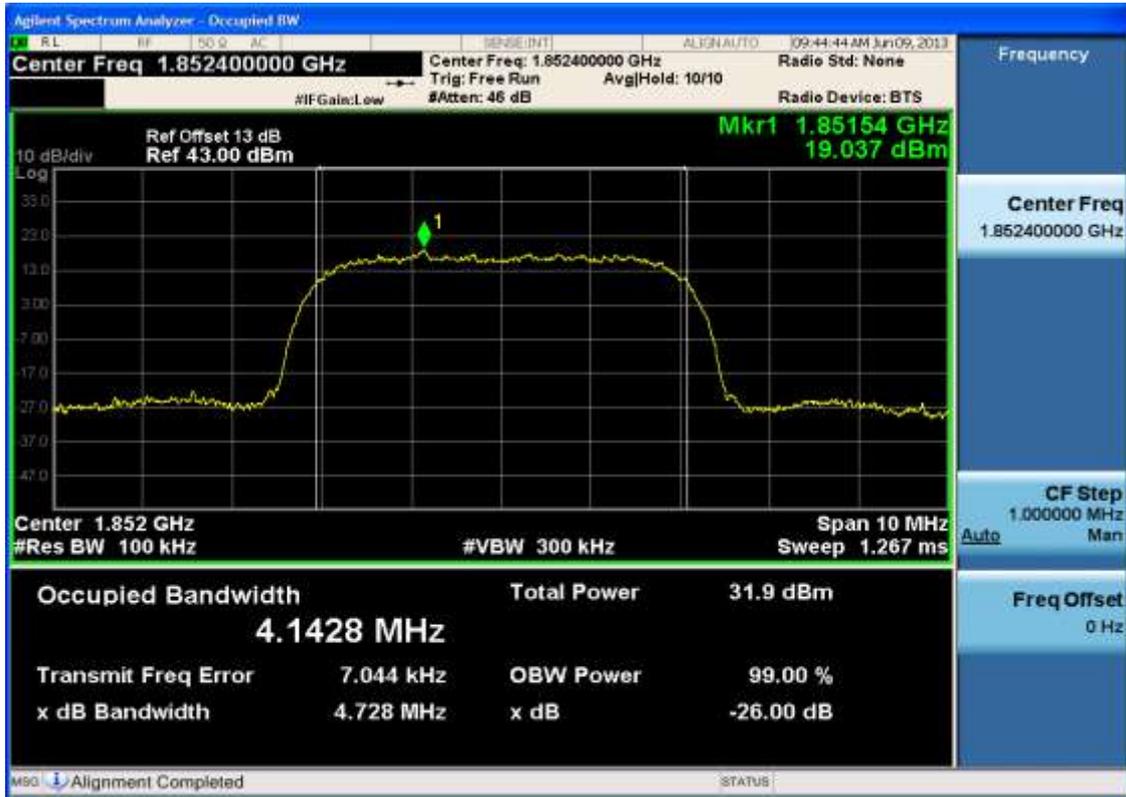
4.1.3.1.3 Test Channel = HCH



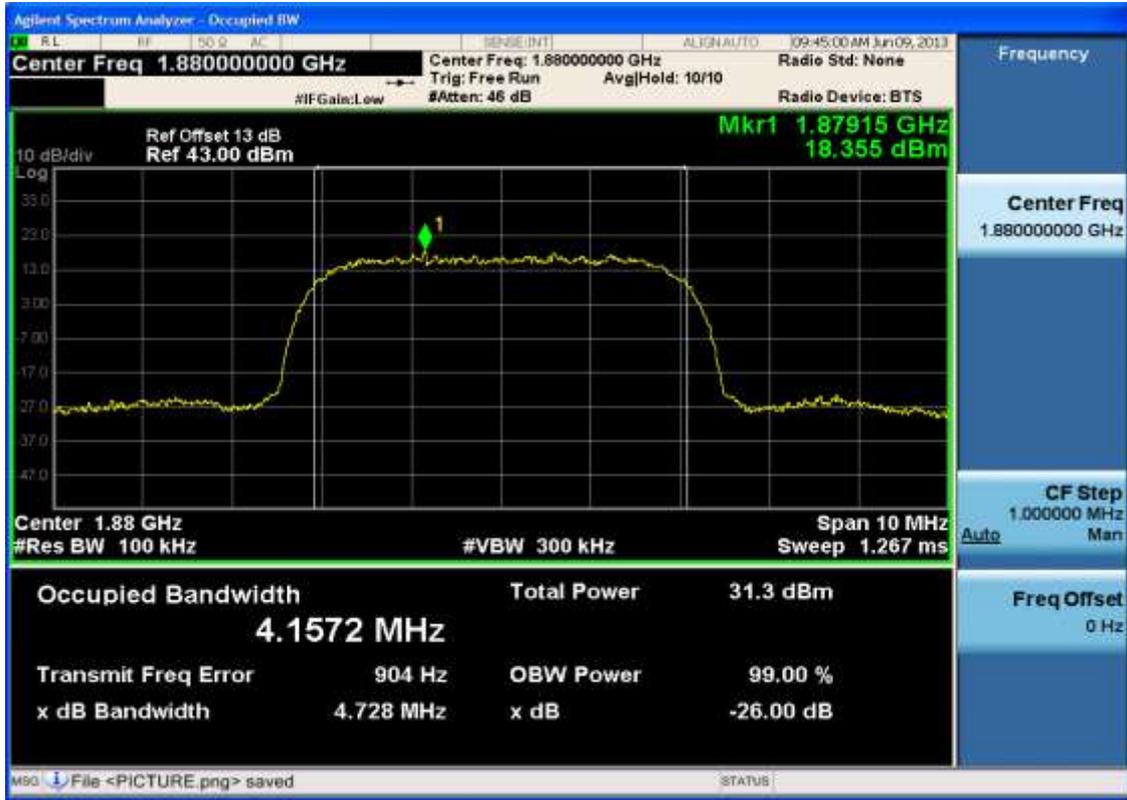
4.1.4 Test Band = WCDMA1900

4.1.4.1 Test Mode = UMTS/TM1

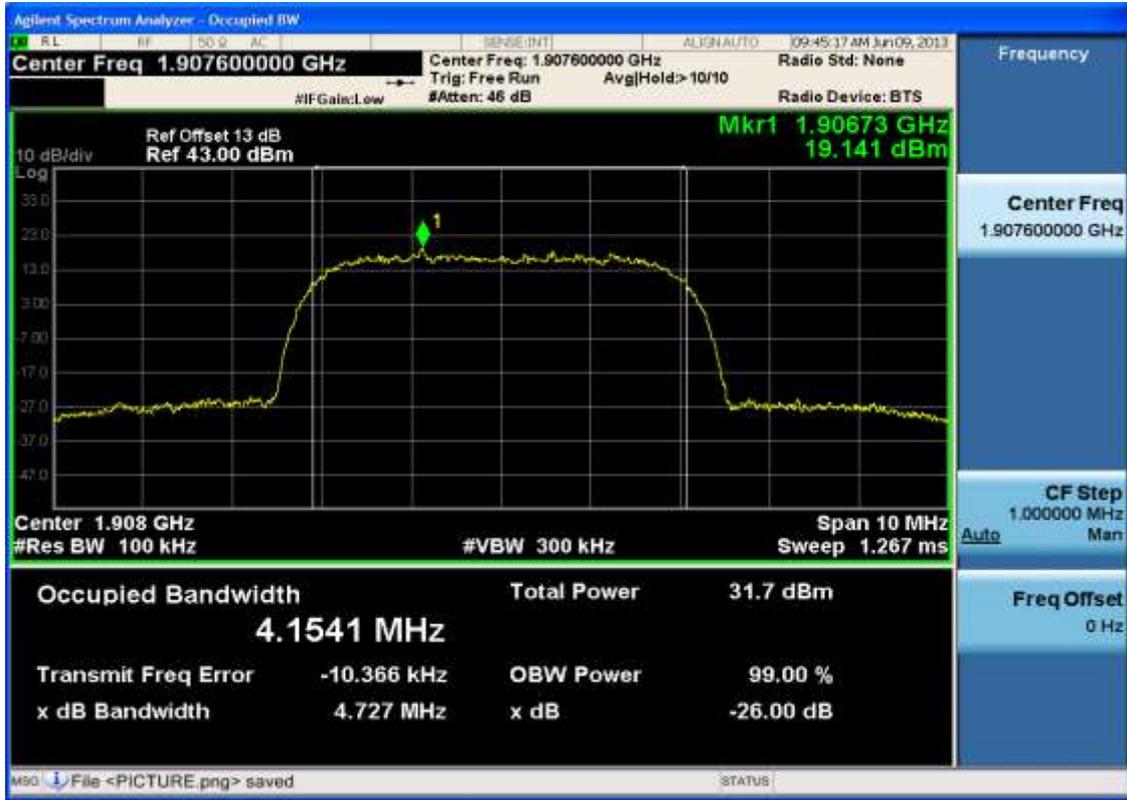
4.1.4.1.1 Test Channel = LCH



4.1.4.1.2 Test Channel = MCH



4.1.4.1.3 Test Channel = HCH



5Appendix_E: Band Edges Compliance

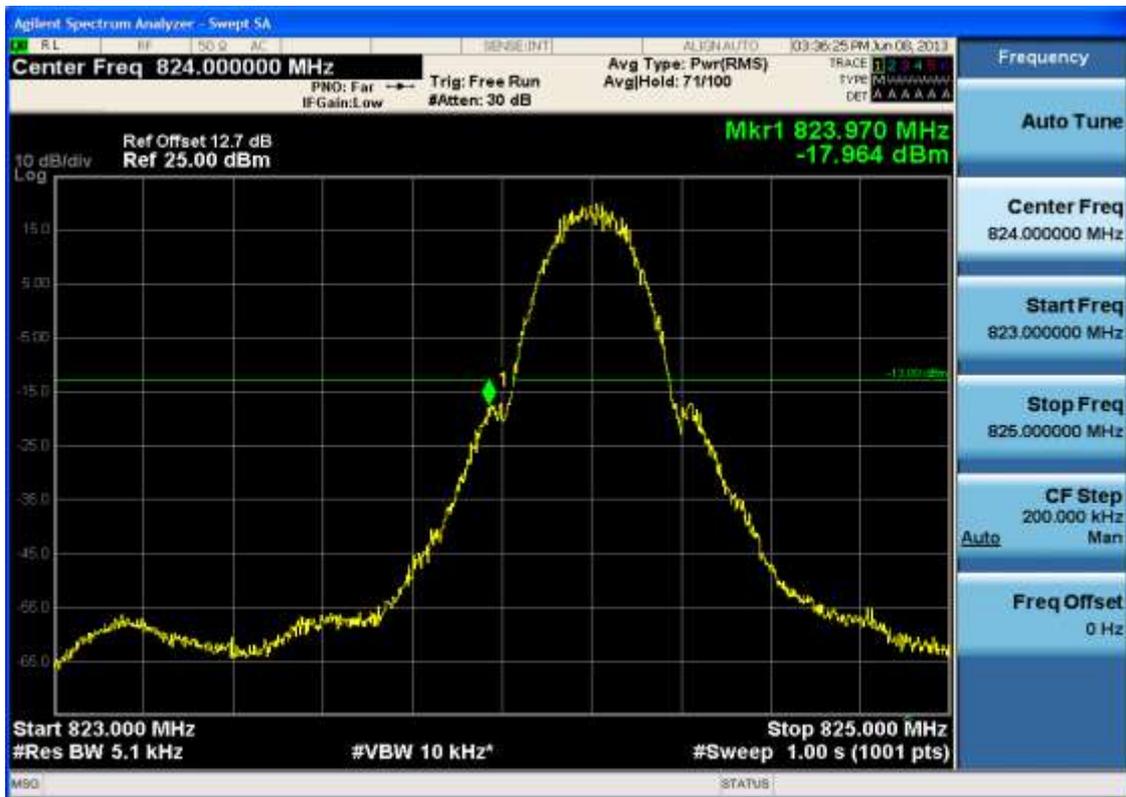
Part I - Test Plots

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5.1.1 Test Band = GSM850

5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH

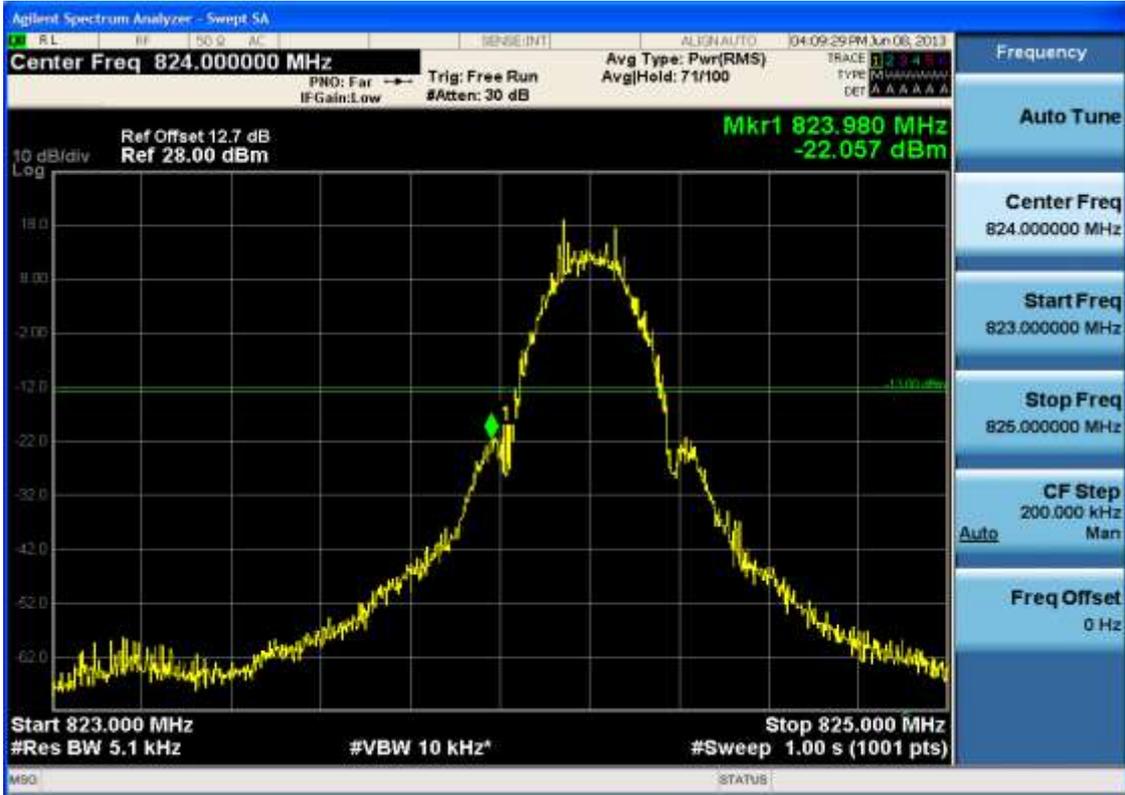


5.1.1.1.2 Test Channel = HCH

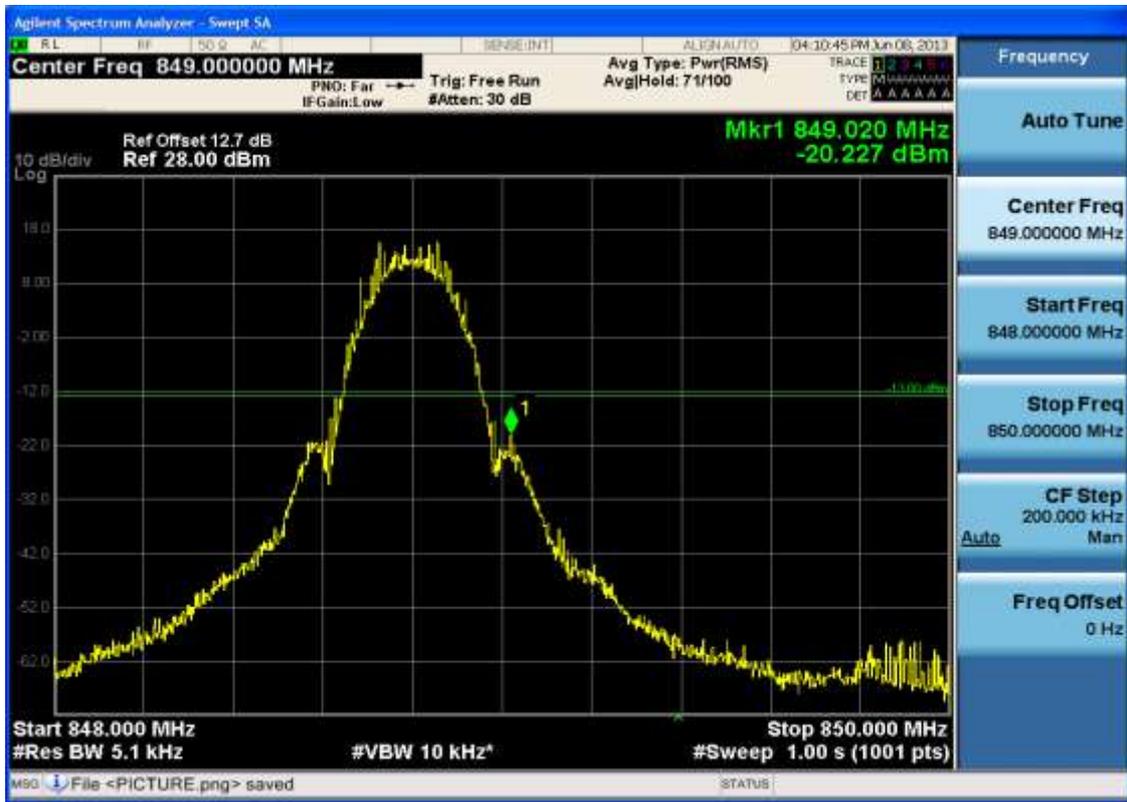


5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH



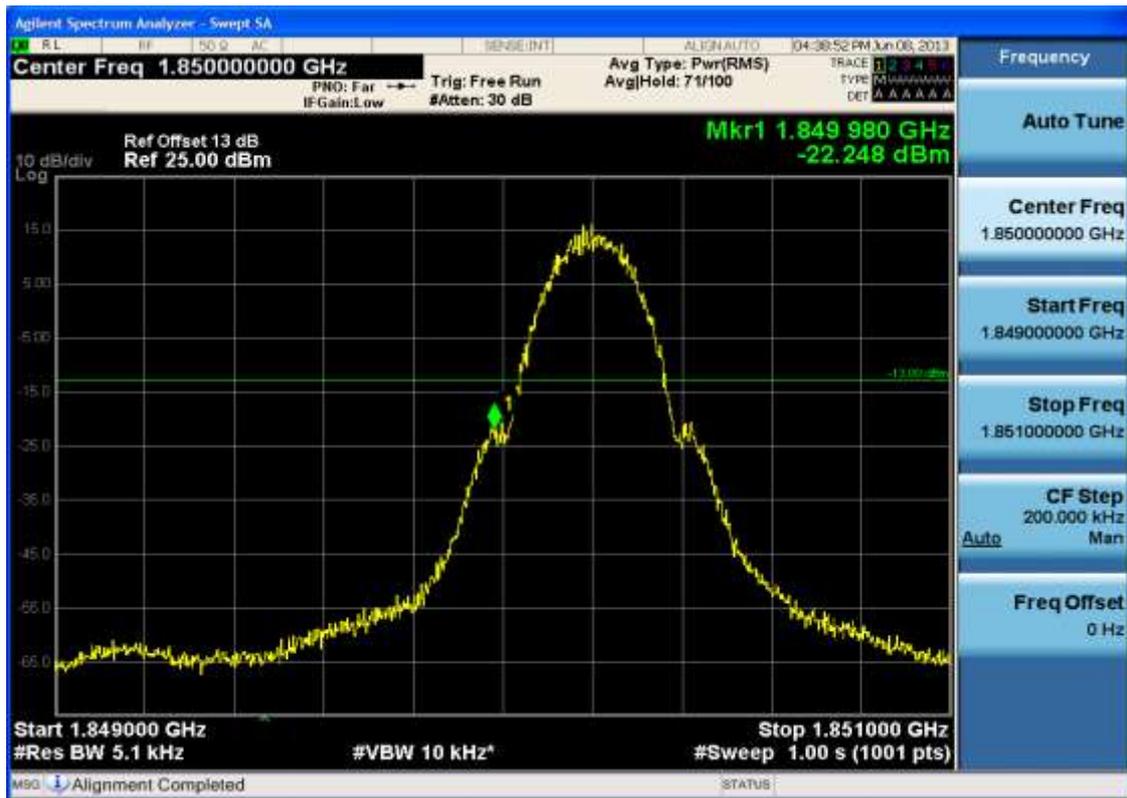
5.1.1.2.2 Test Channel = HCH



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



5.1.3 Test Band = WCDMA850

5.1.3.1 Test Mode = UMTS/TM1

5.1.3.1.1 Test Channel = LCH



5.1.3.1.2 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

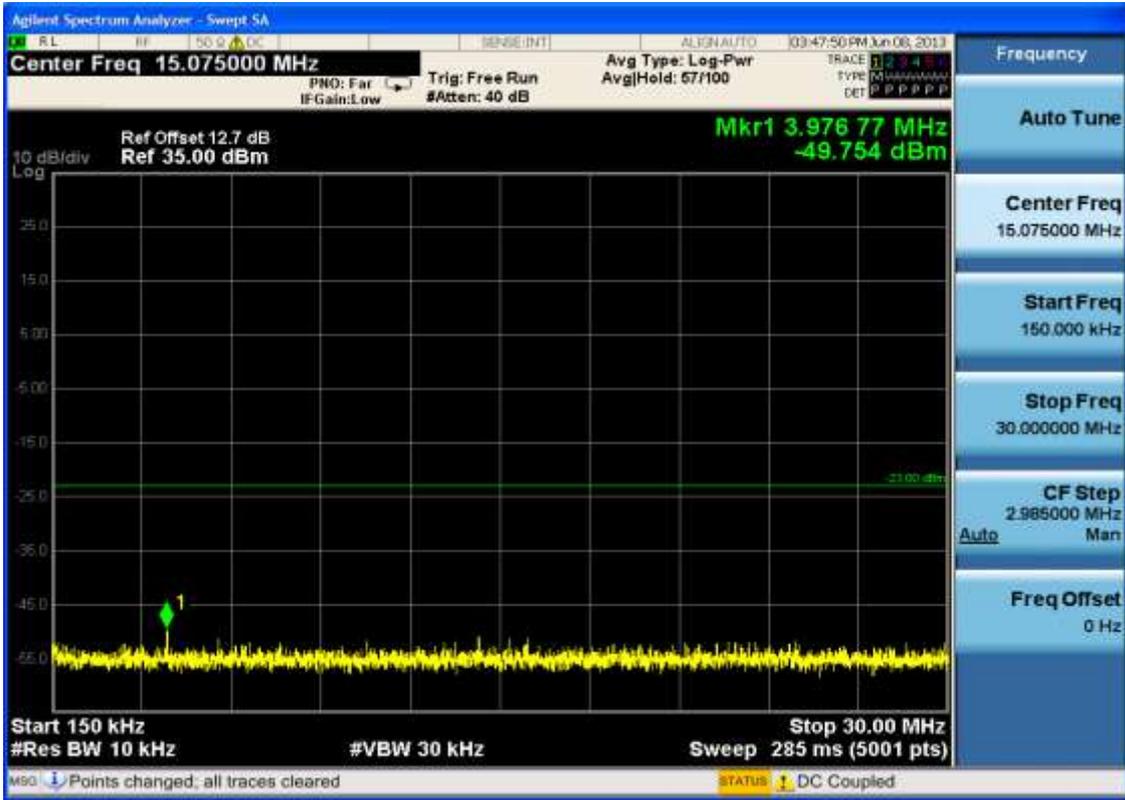
6.1 For GSM

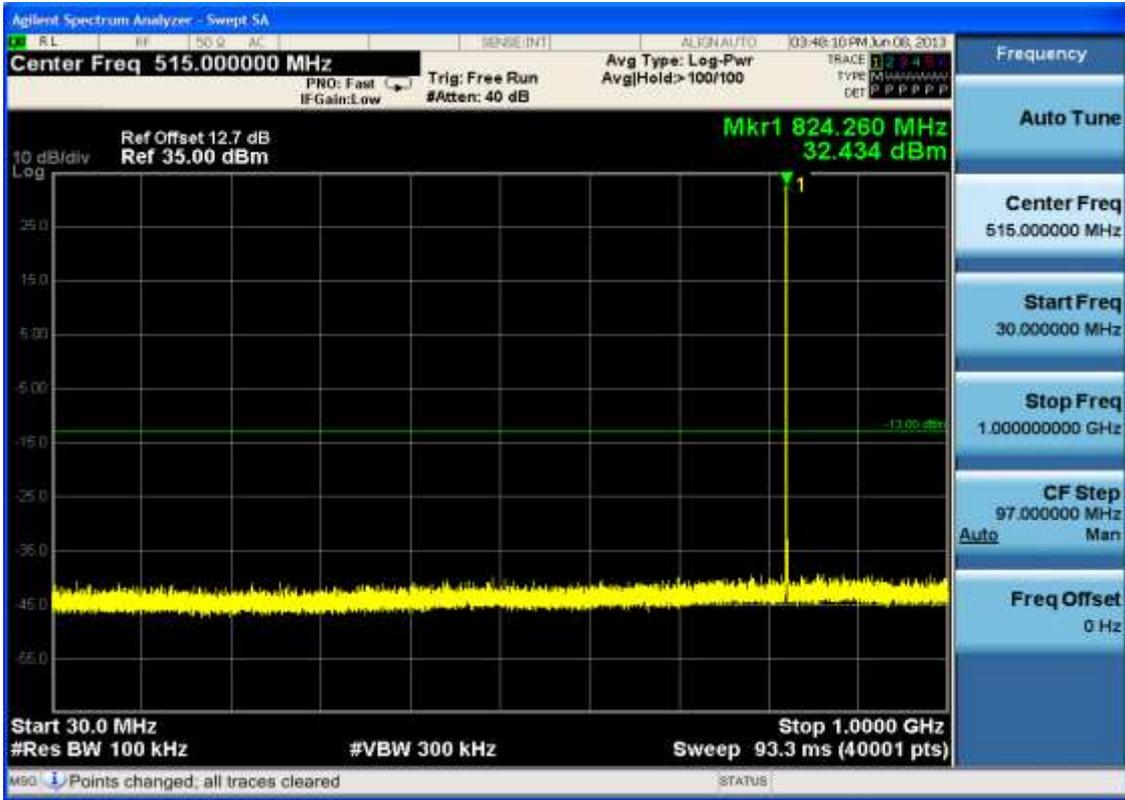
6.1.1 Test Band = GSM850

6.1.1.1 Test Mode = GSM/TM1

6.1.1.1.1 Test Channel = LCH



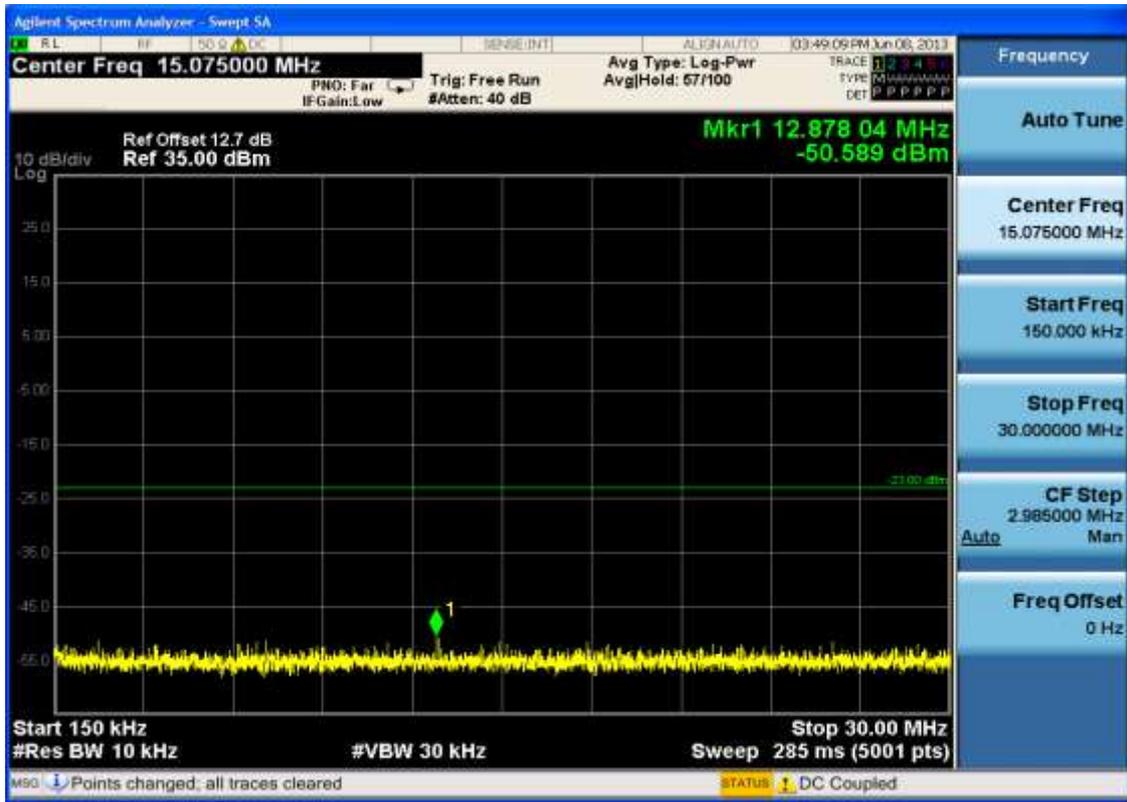






6.1.1.1.2 Test Channel = MCH



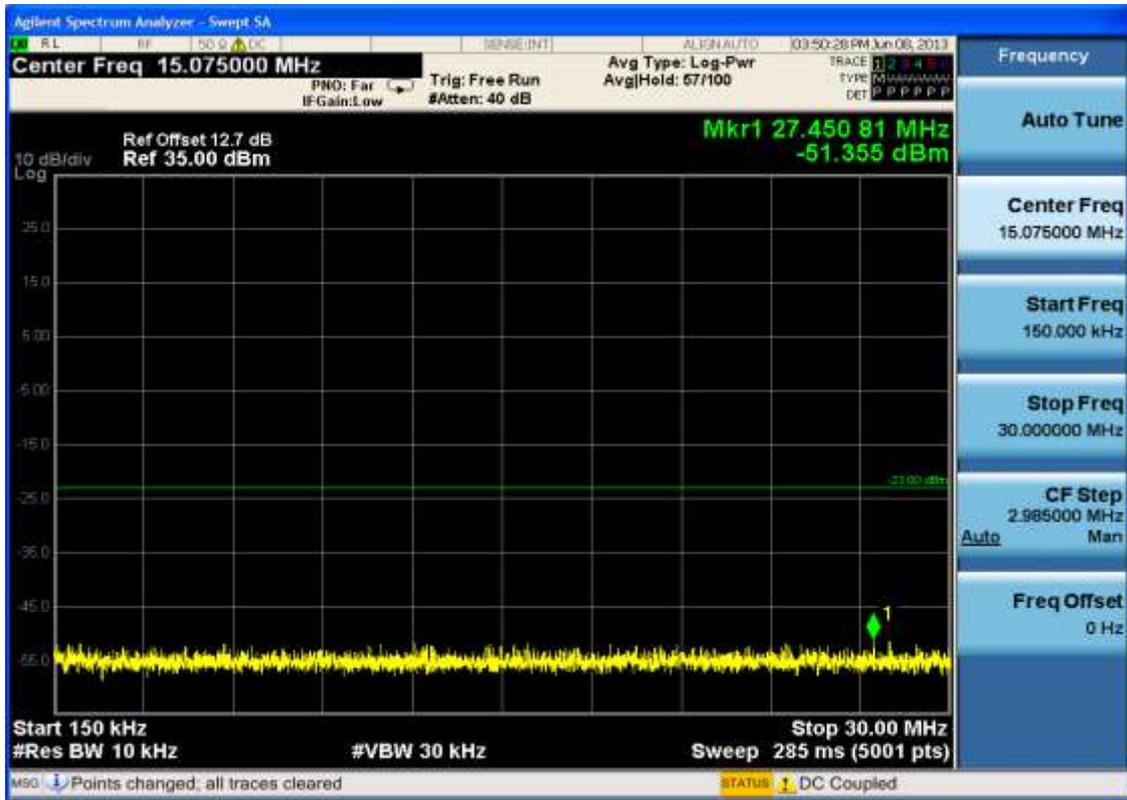


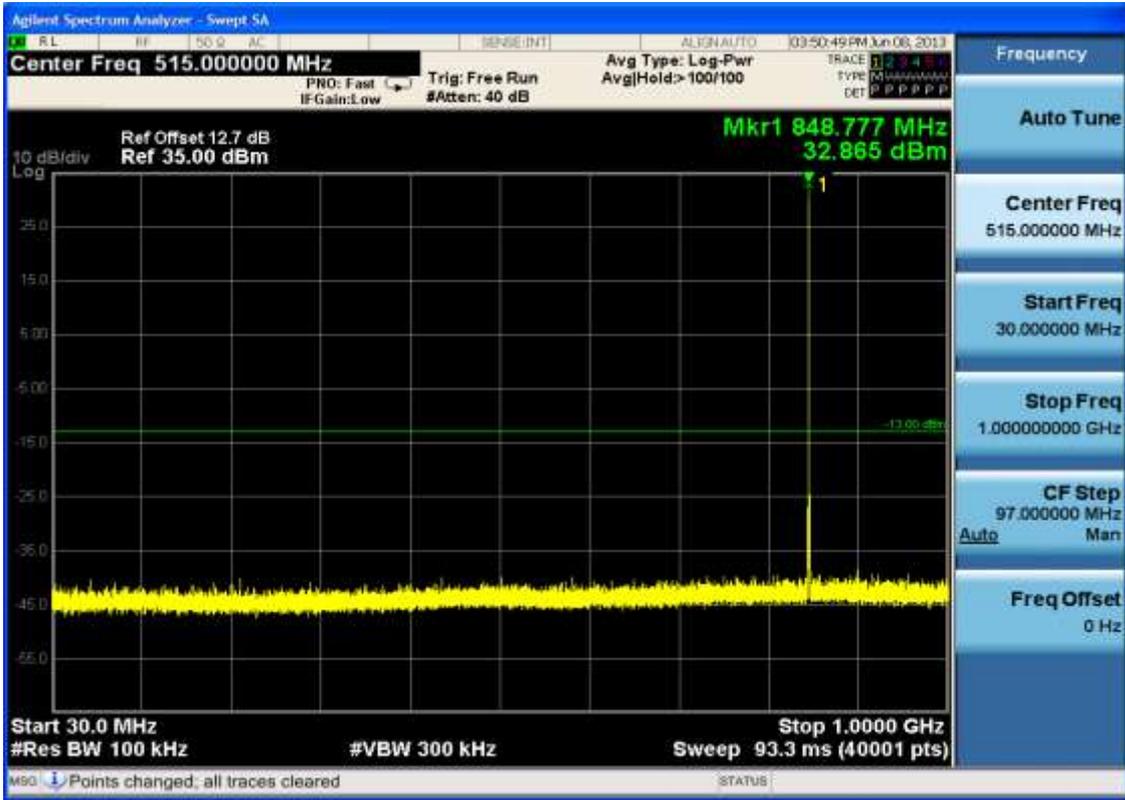




6.1.1.1.3 Test Channel = HCH





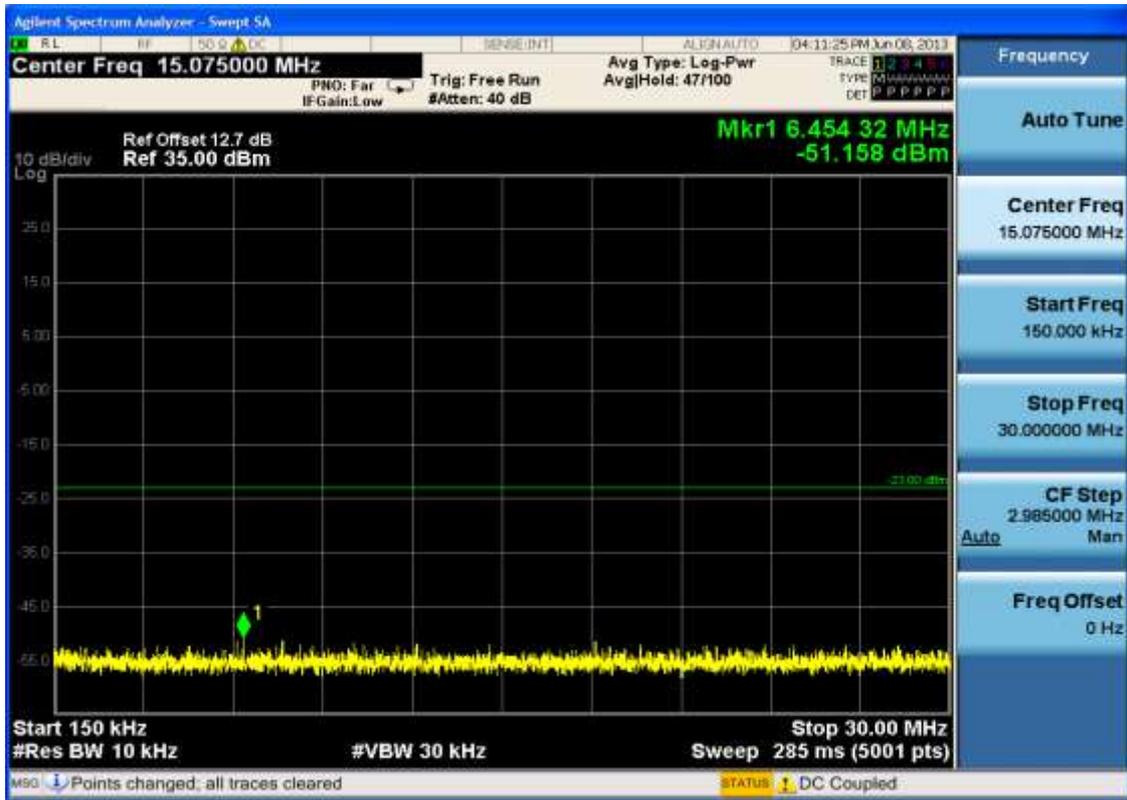


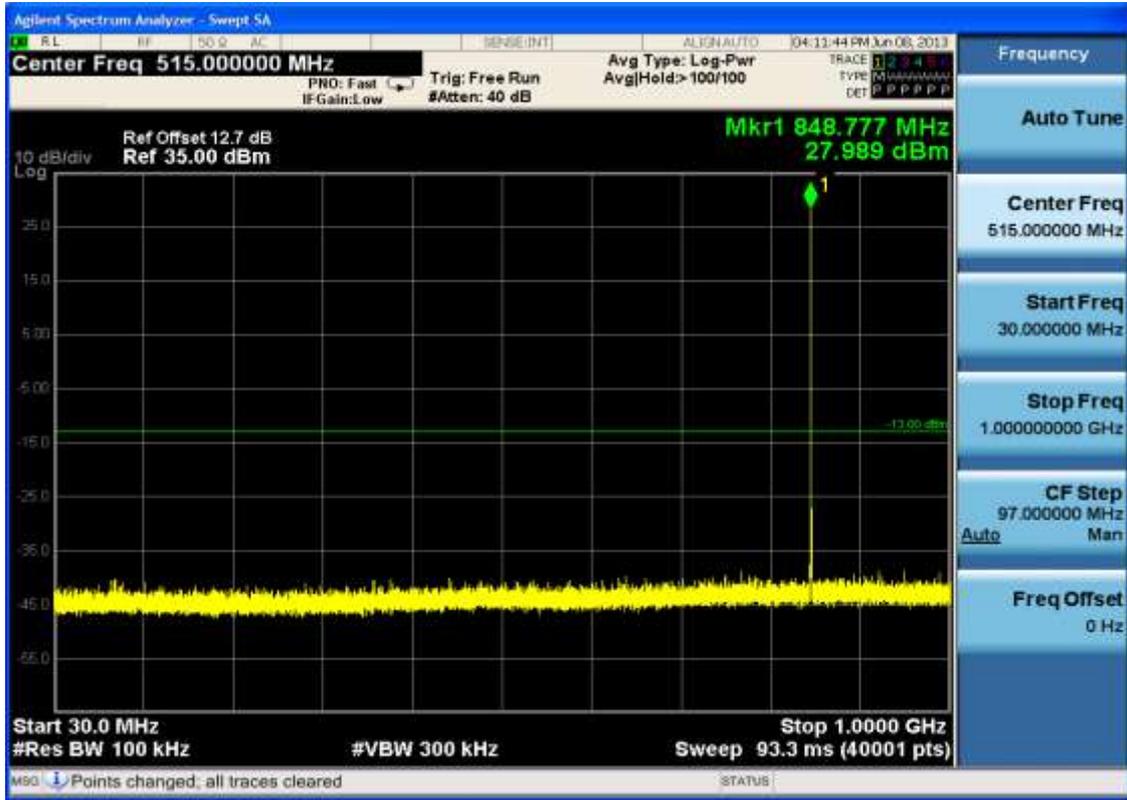


6.1.1.2 Test Mode = GSM/TM2

6.1.1.2.1 Test Channel = LCH



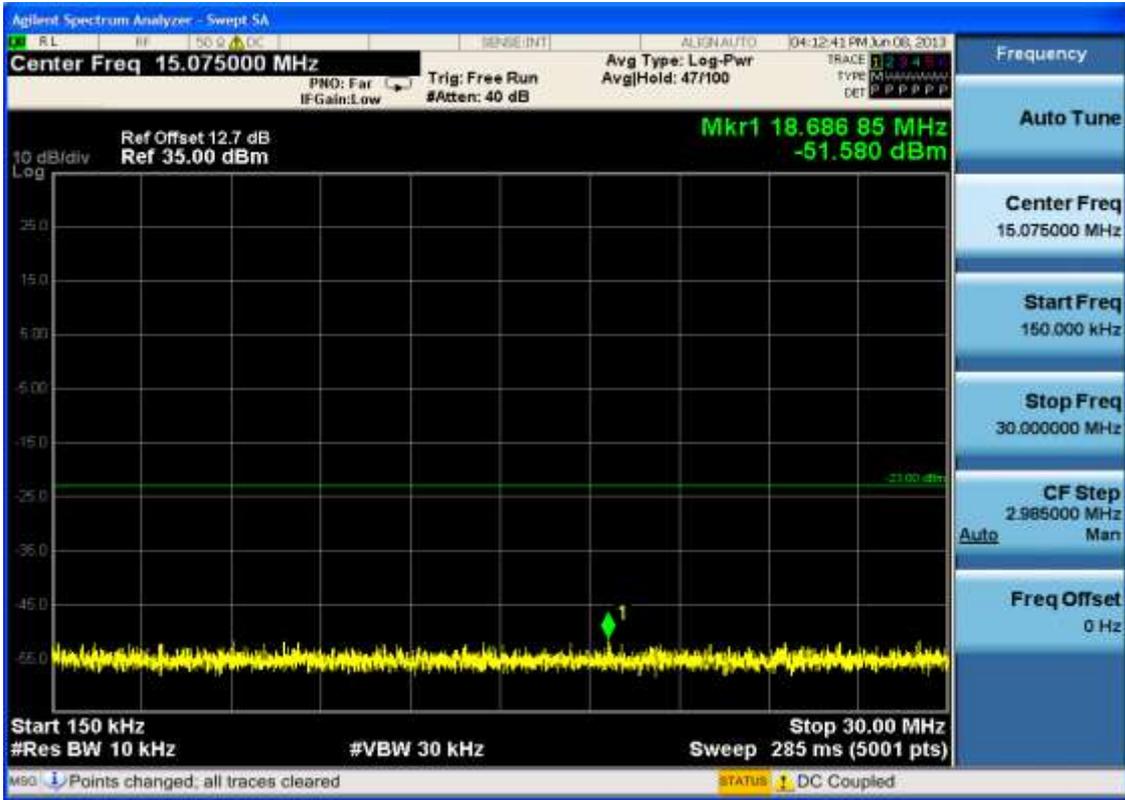


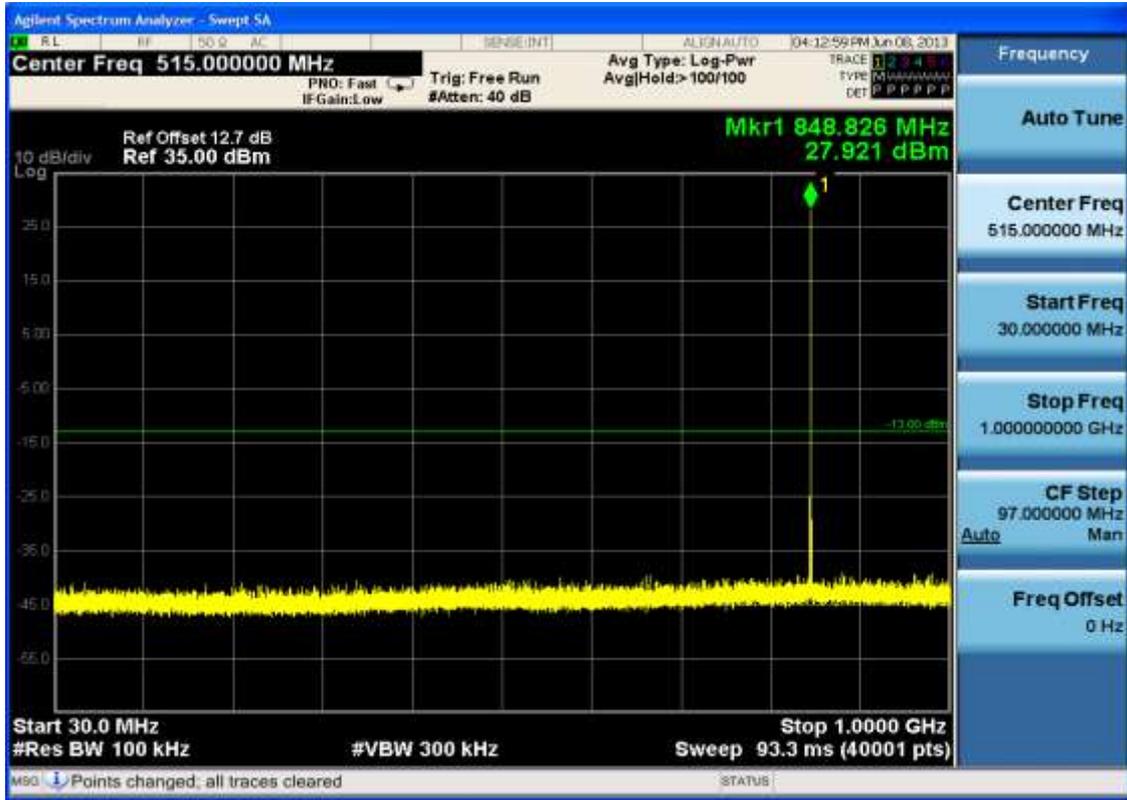


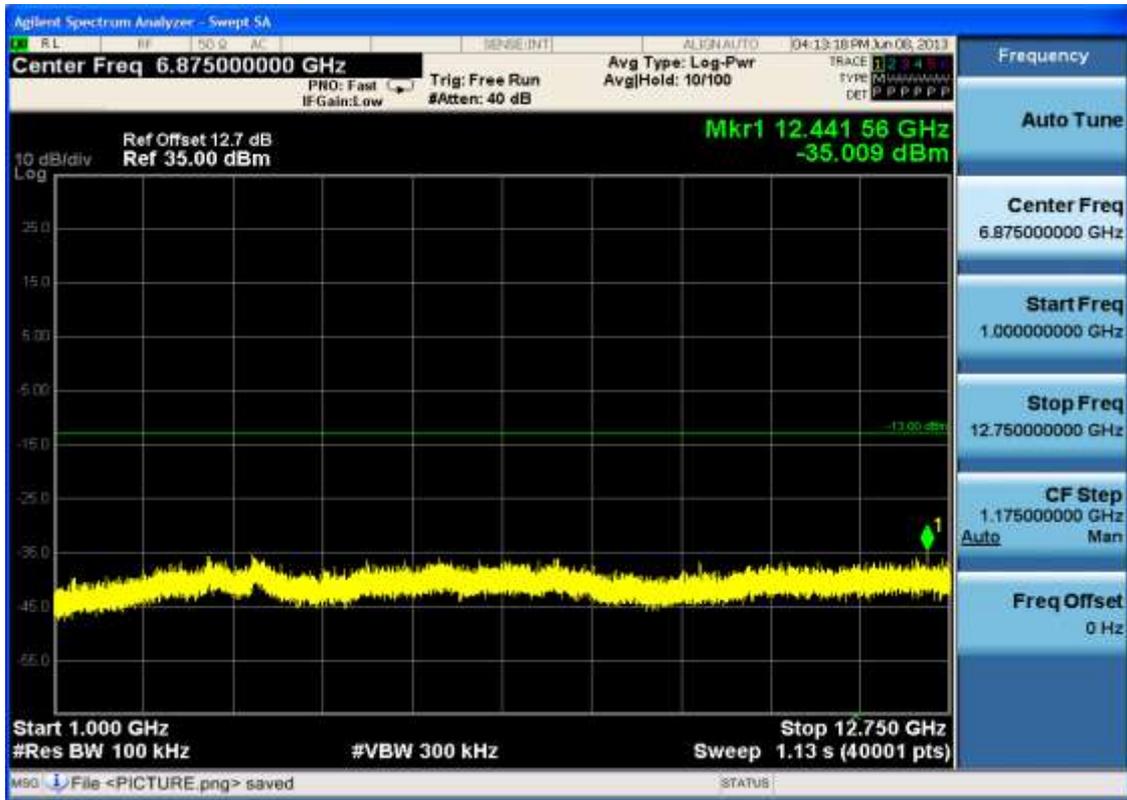


6.1.1.2.2 Test Channel = MCH



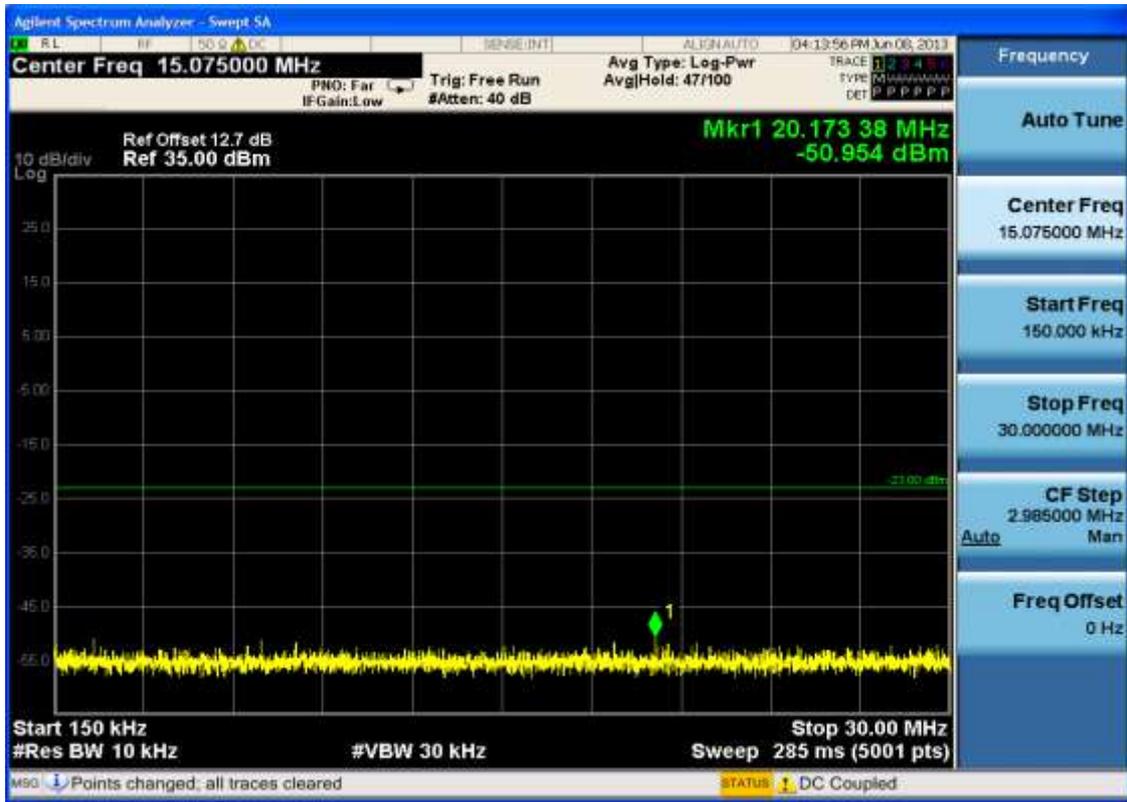






6.1.1.2.3 Test Channel = HCH







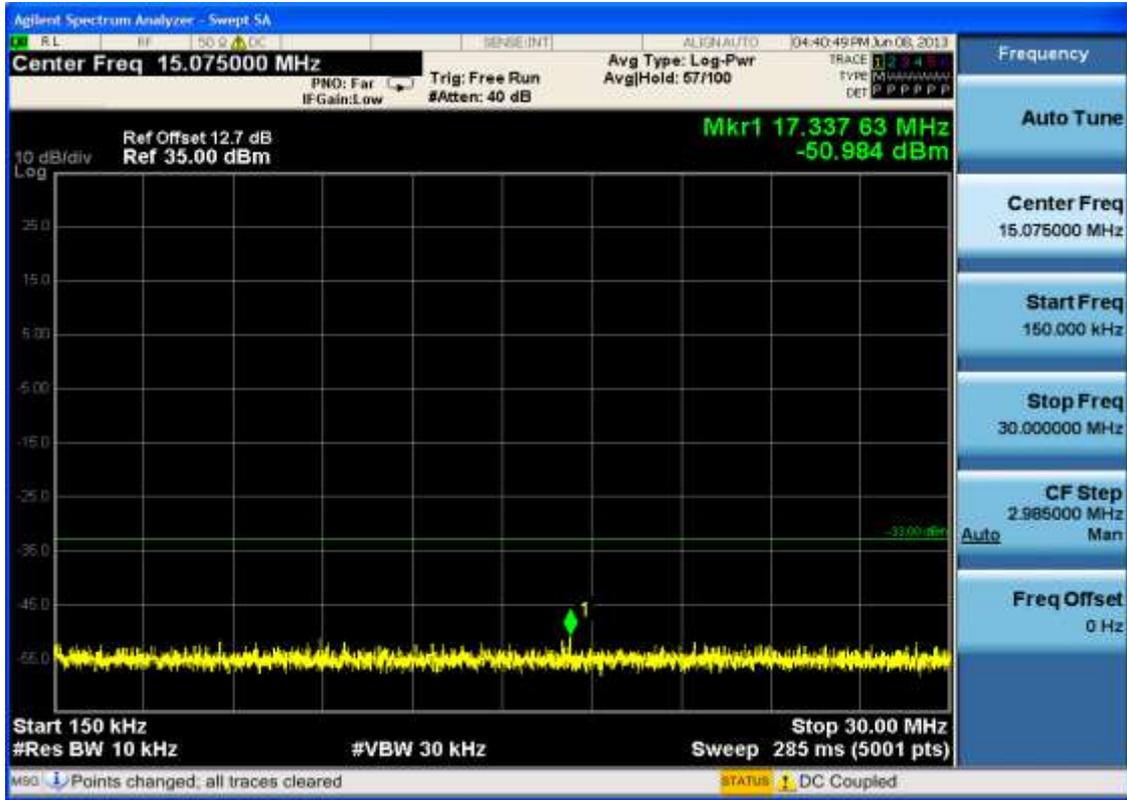


6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

6.1.2.1.1 Test Channel = LCH

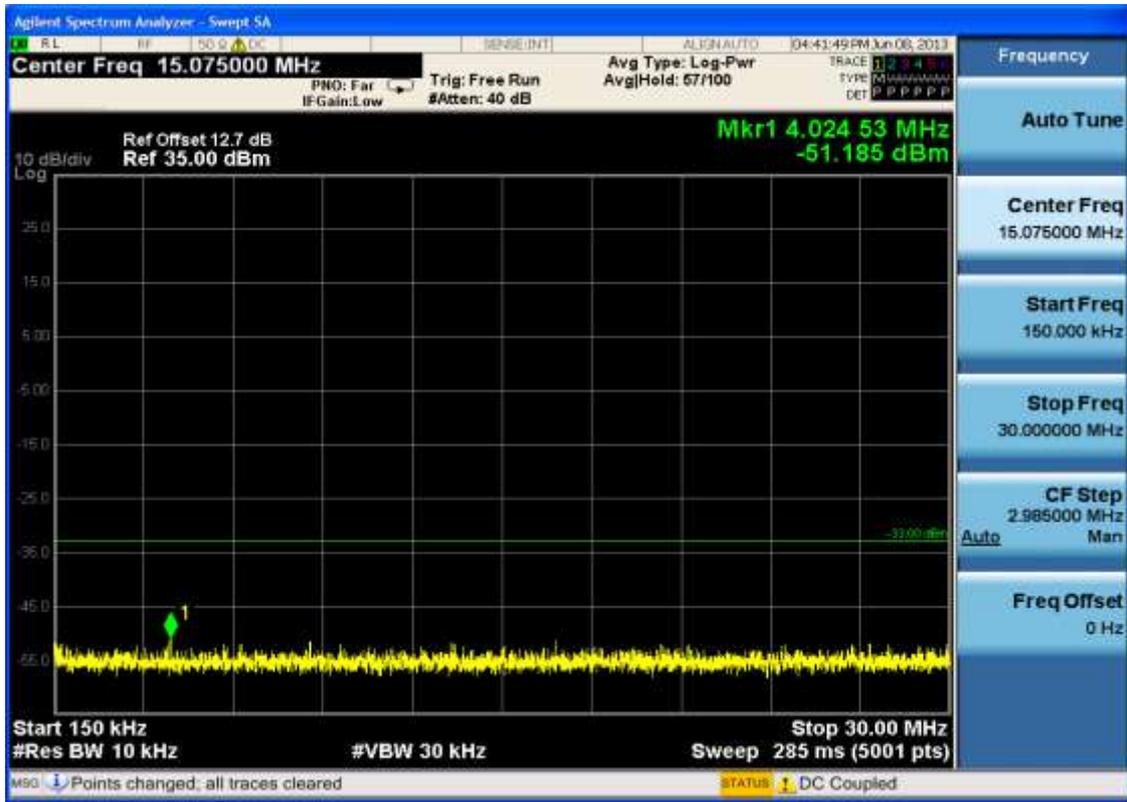


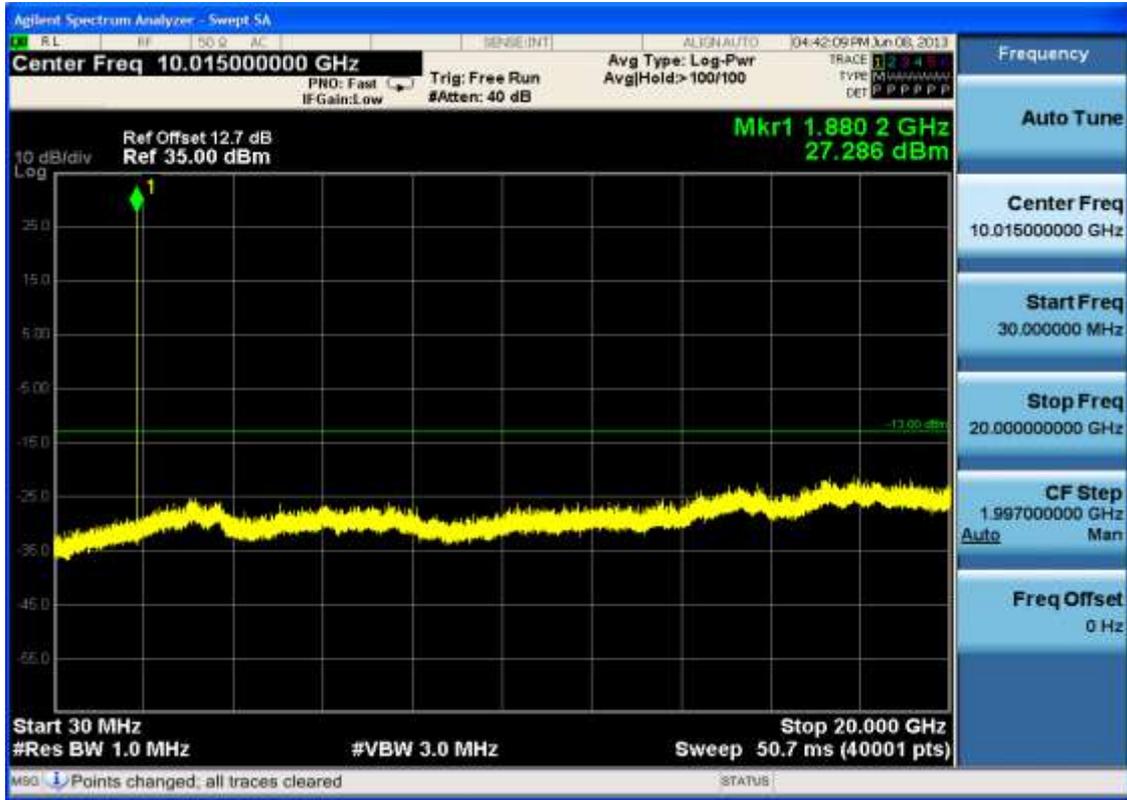




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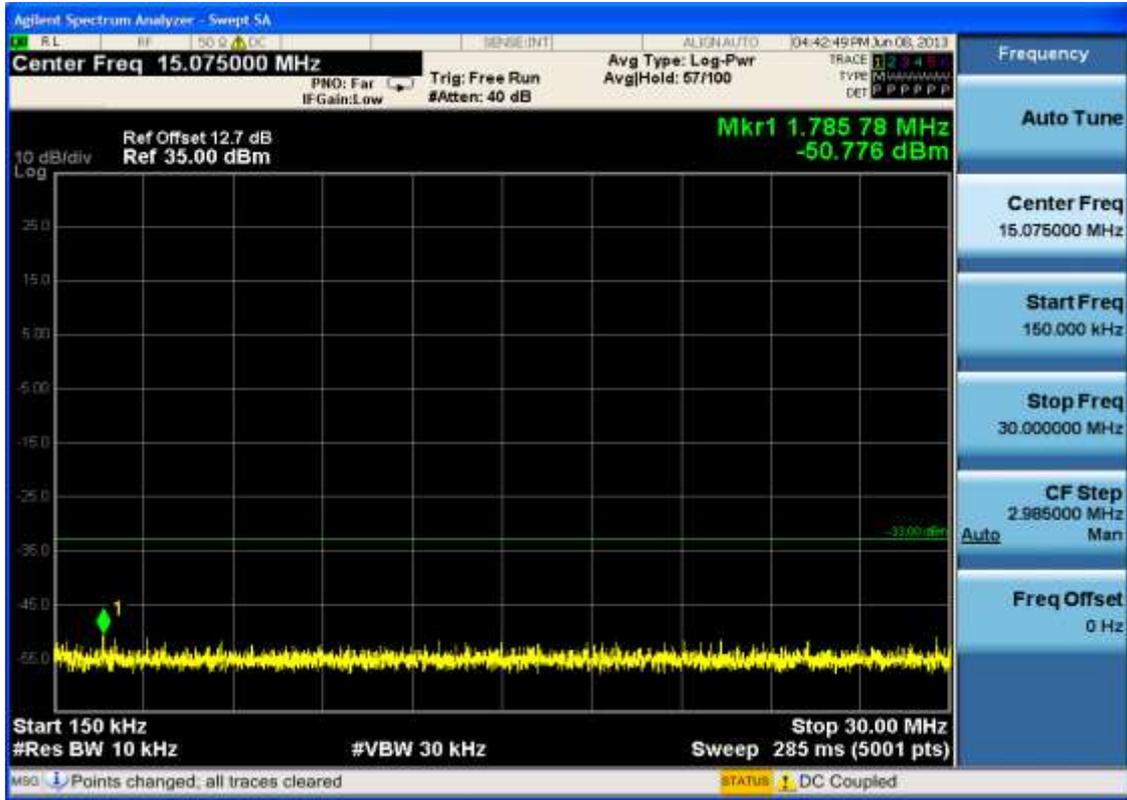






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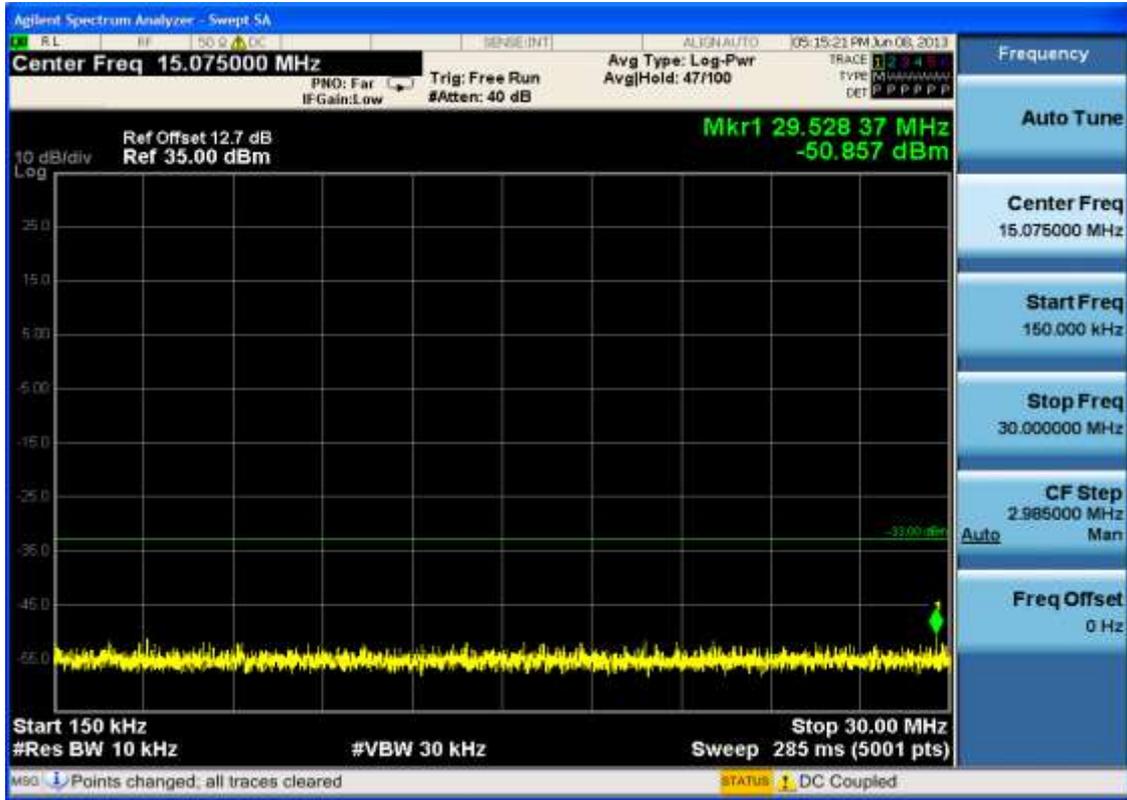




6.1.2.2 Test Mode = GSM/TM2

6.1.2.2.1 Test Channel = LCH

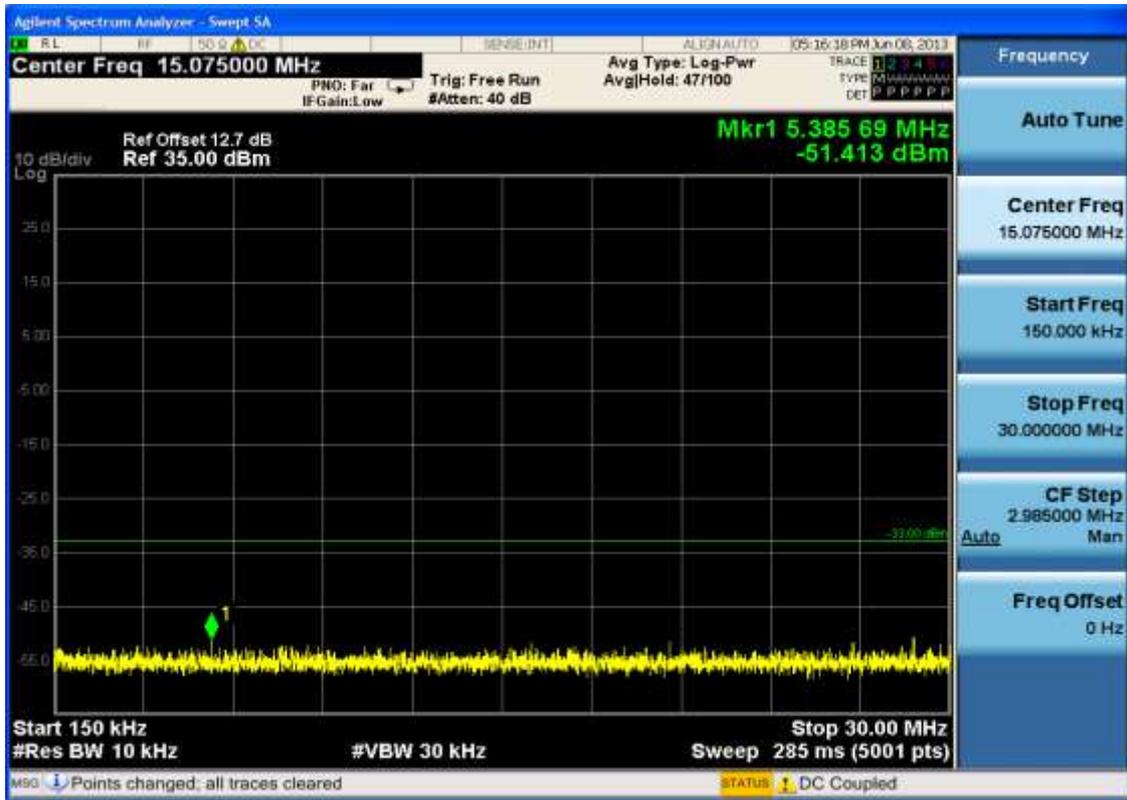






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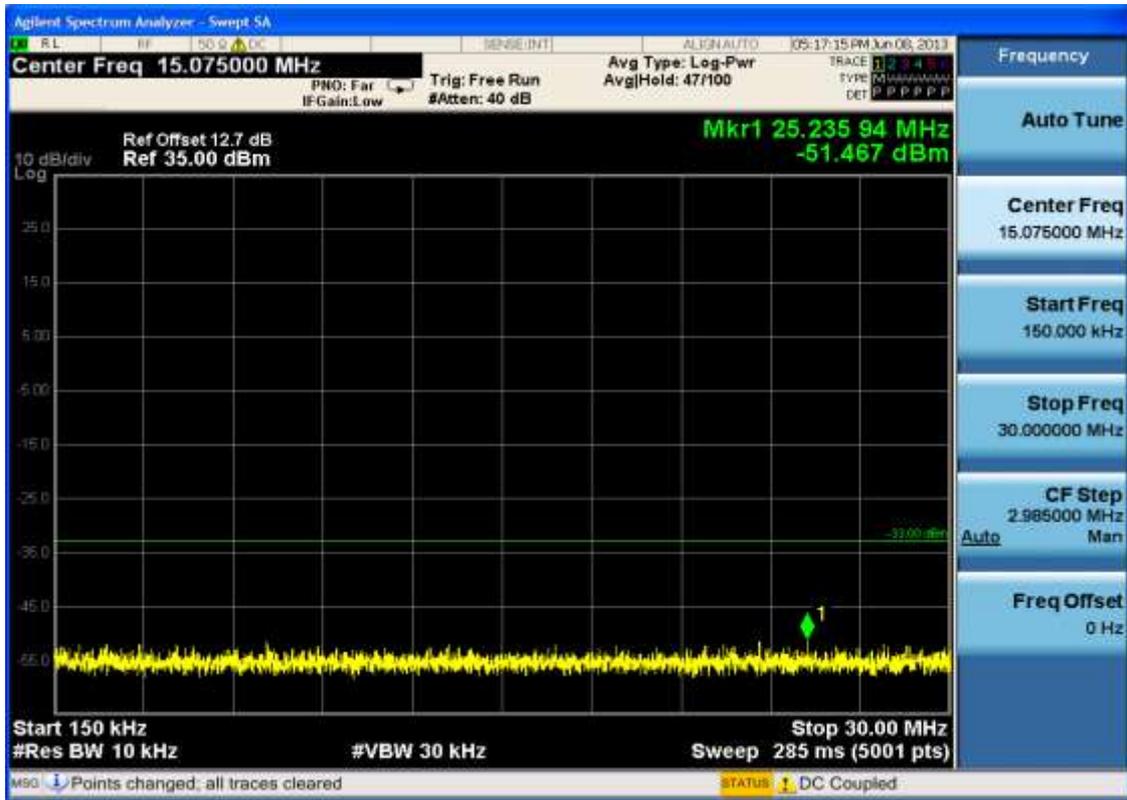






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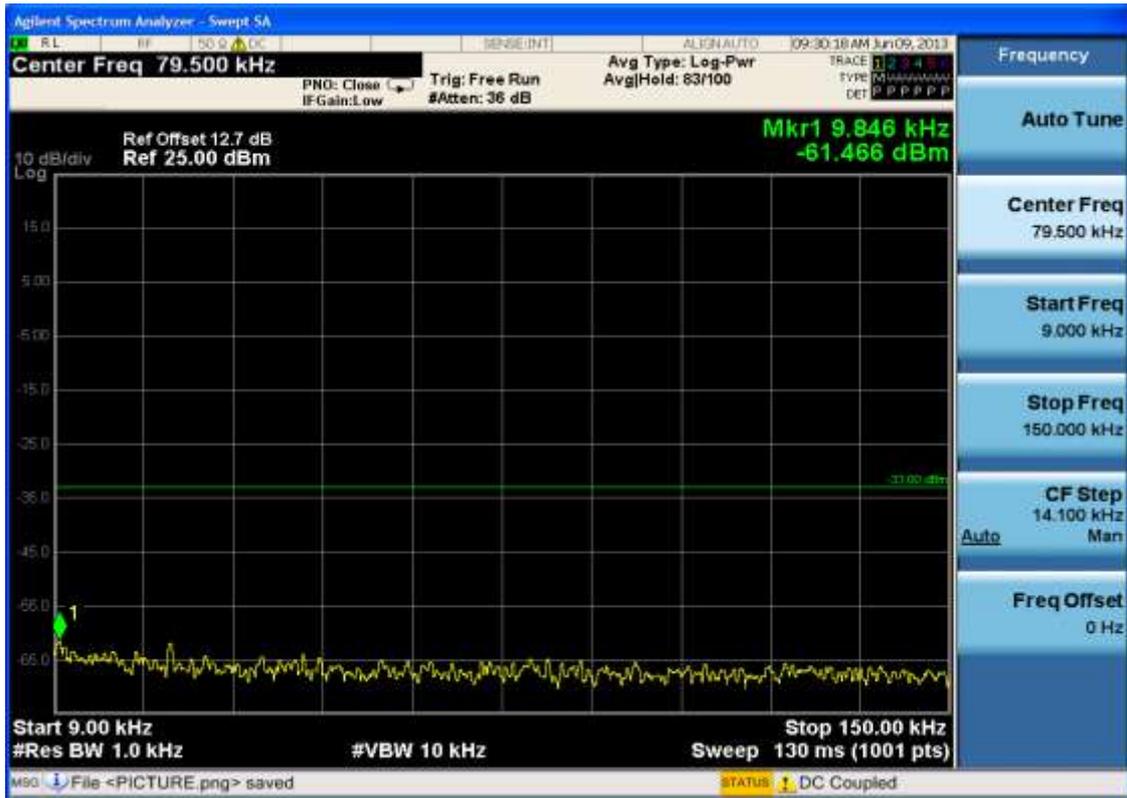


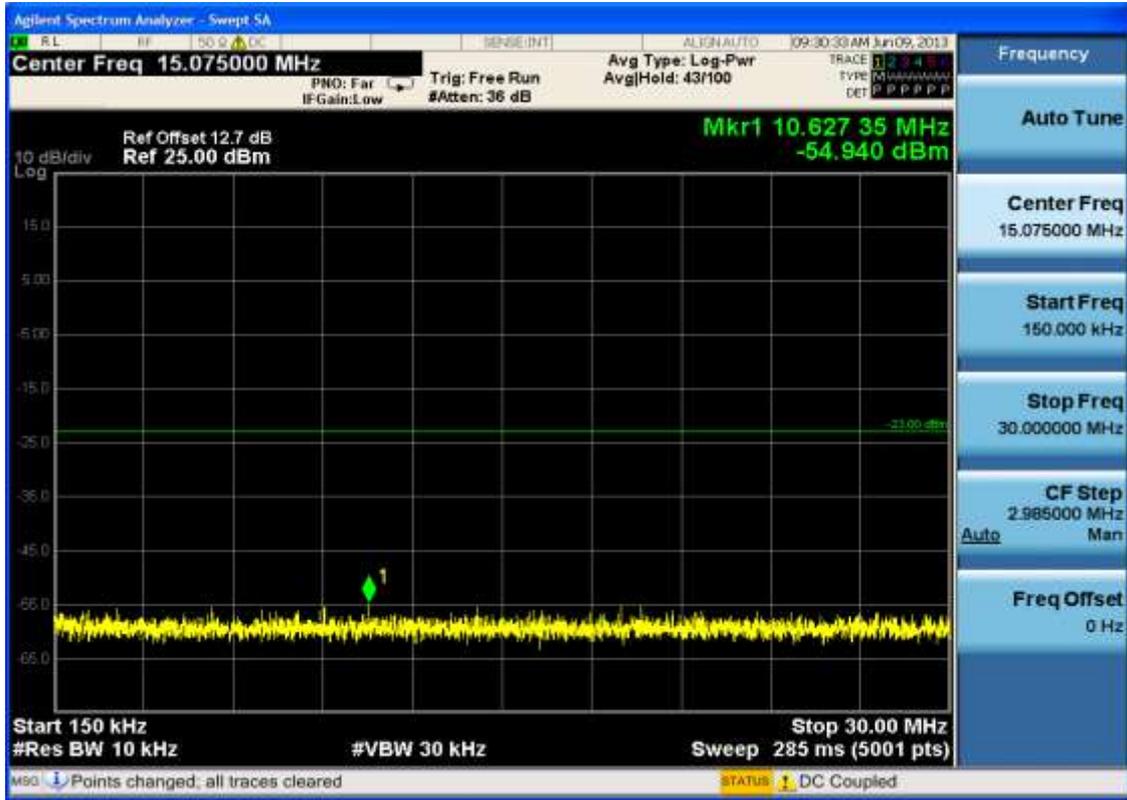


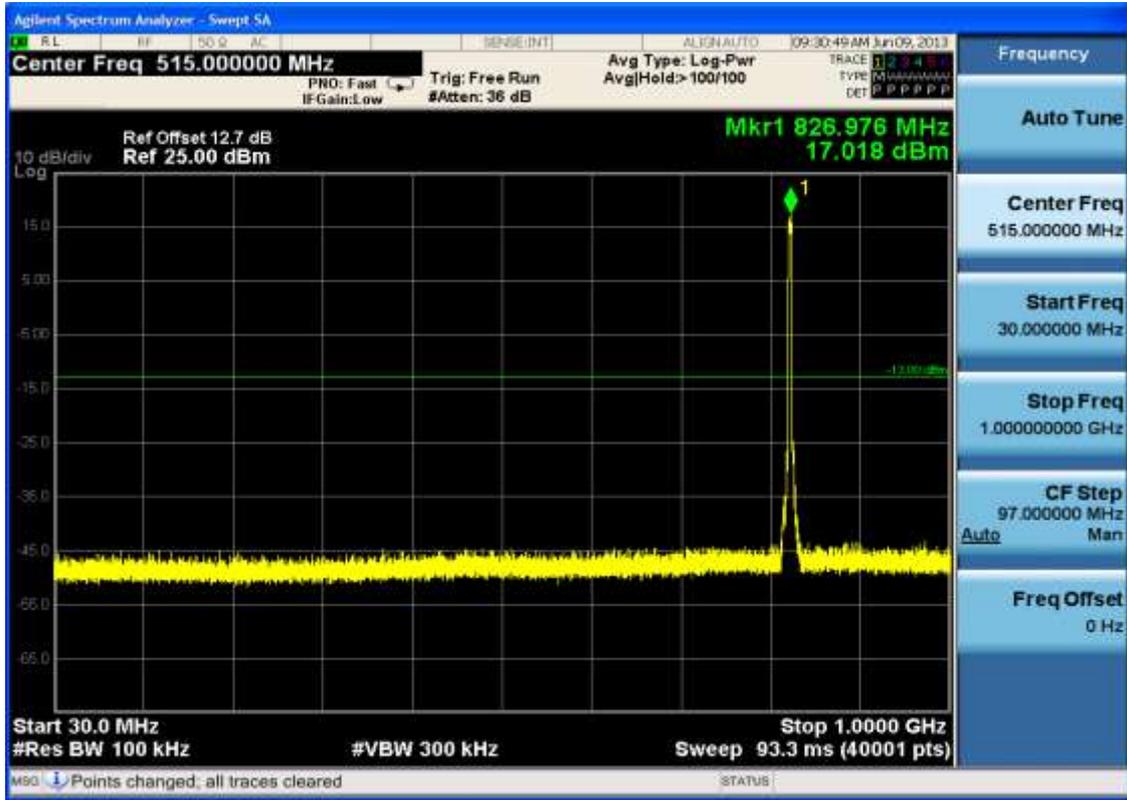
6.1.3 Test Band = WCDMA850

6.1.3.1 Test Mode = UMTS/TM1

6.1.3.1.1 Test Channel = LCH



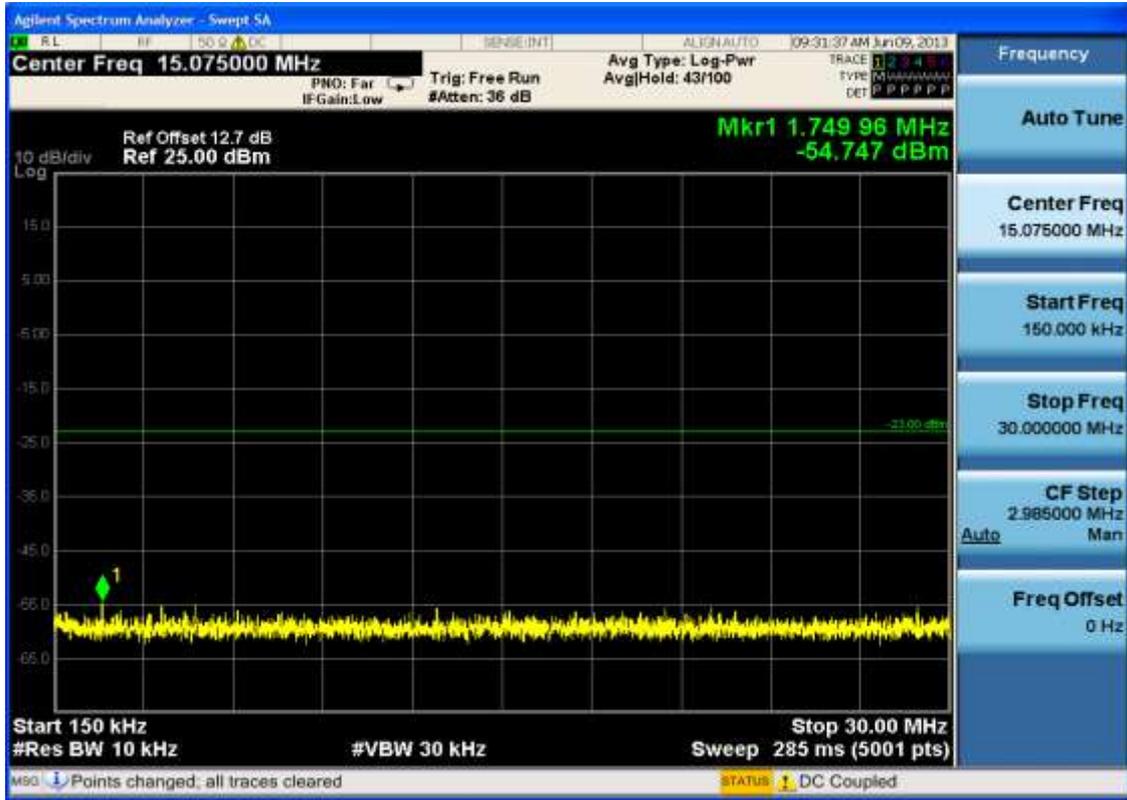


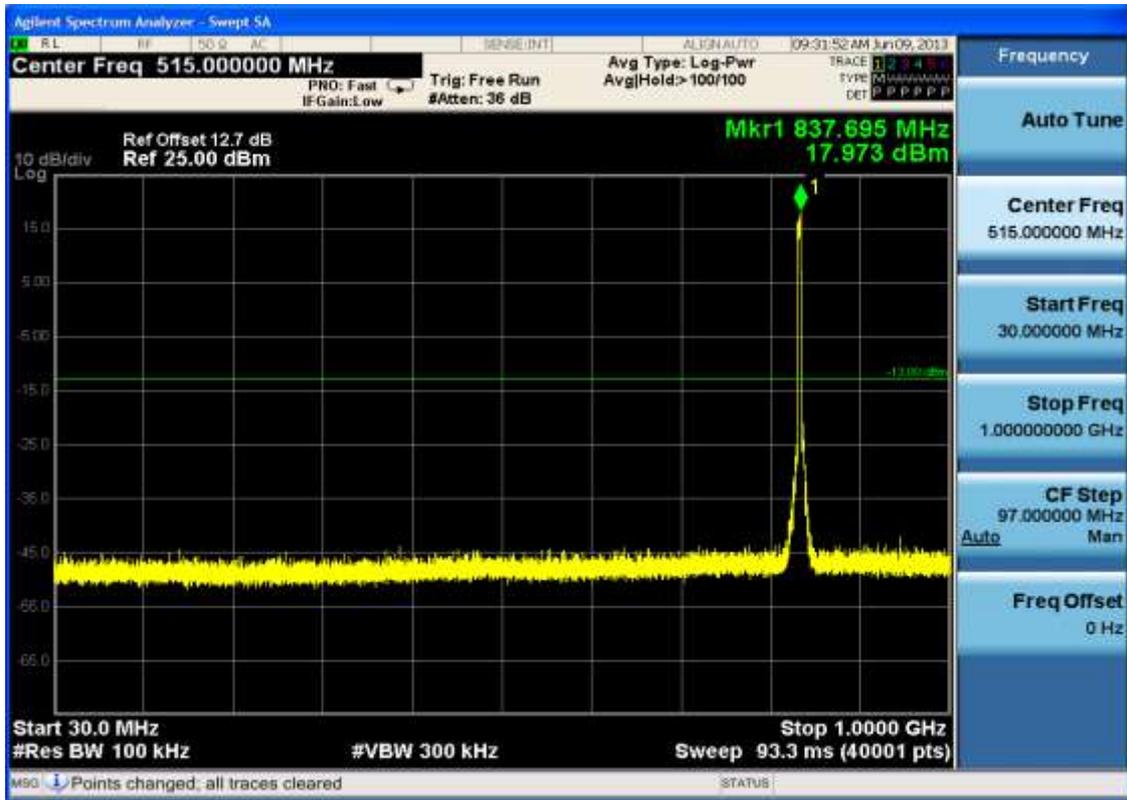


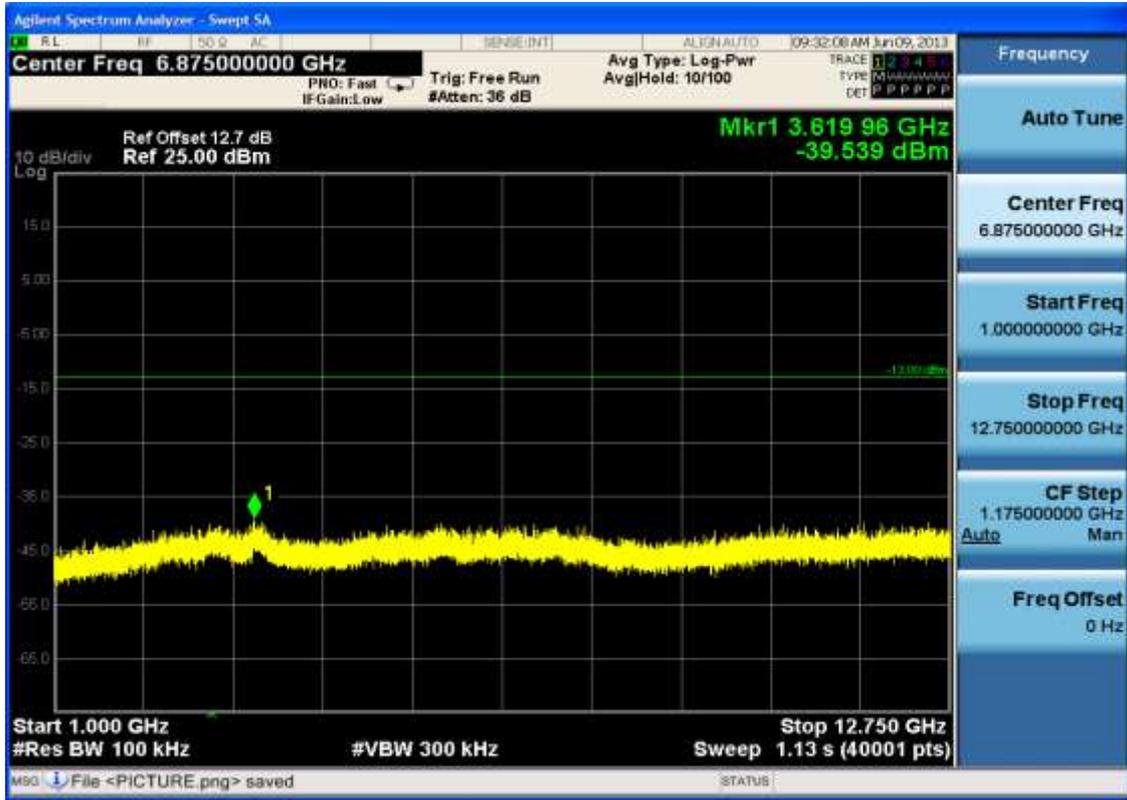


6.1.3.1.2 Test Channel = MCH

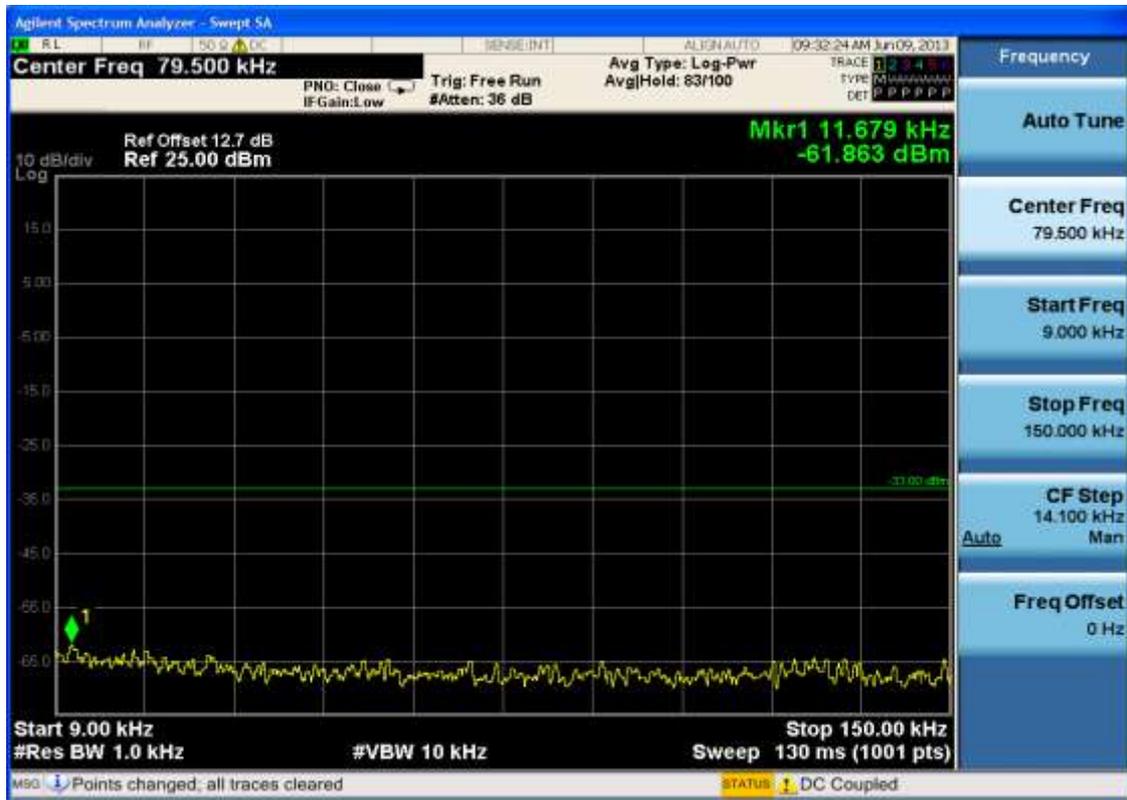


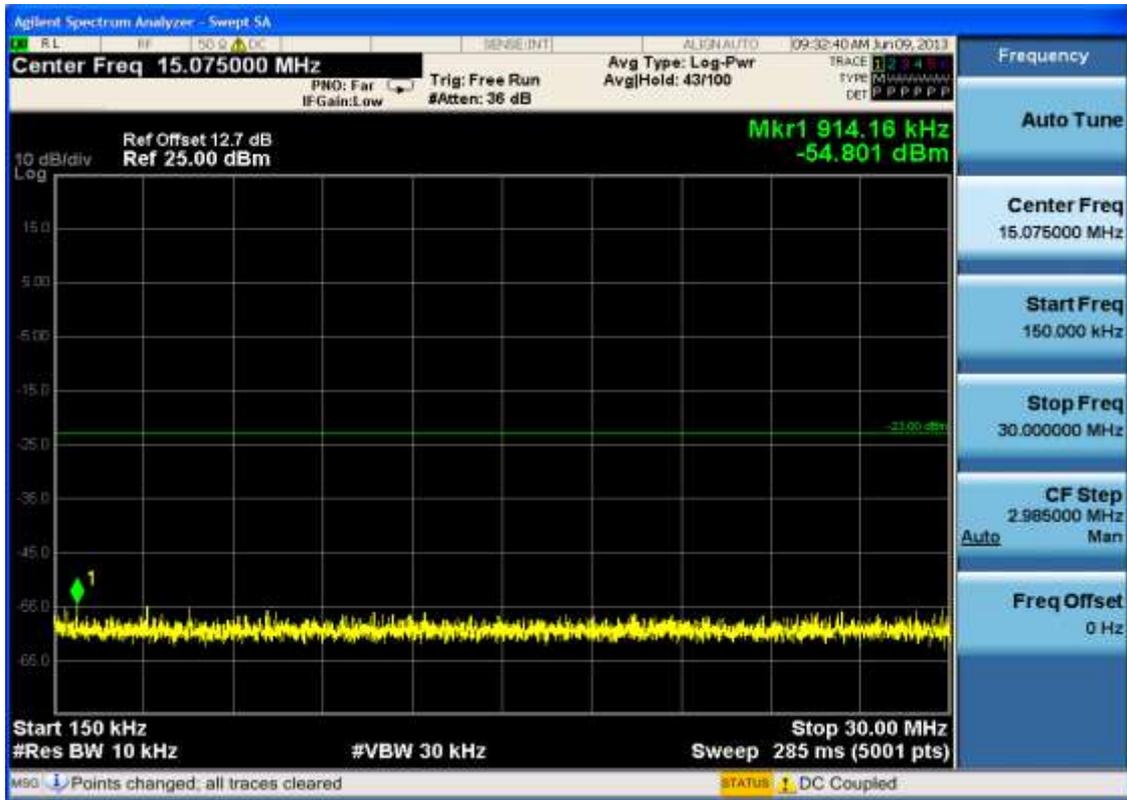


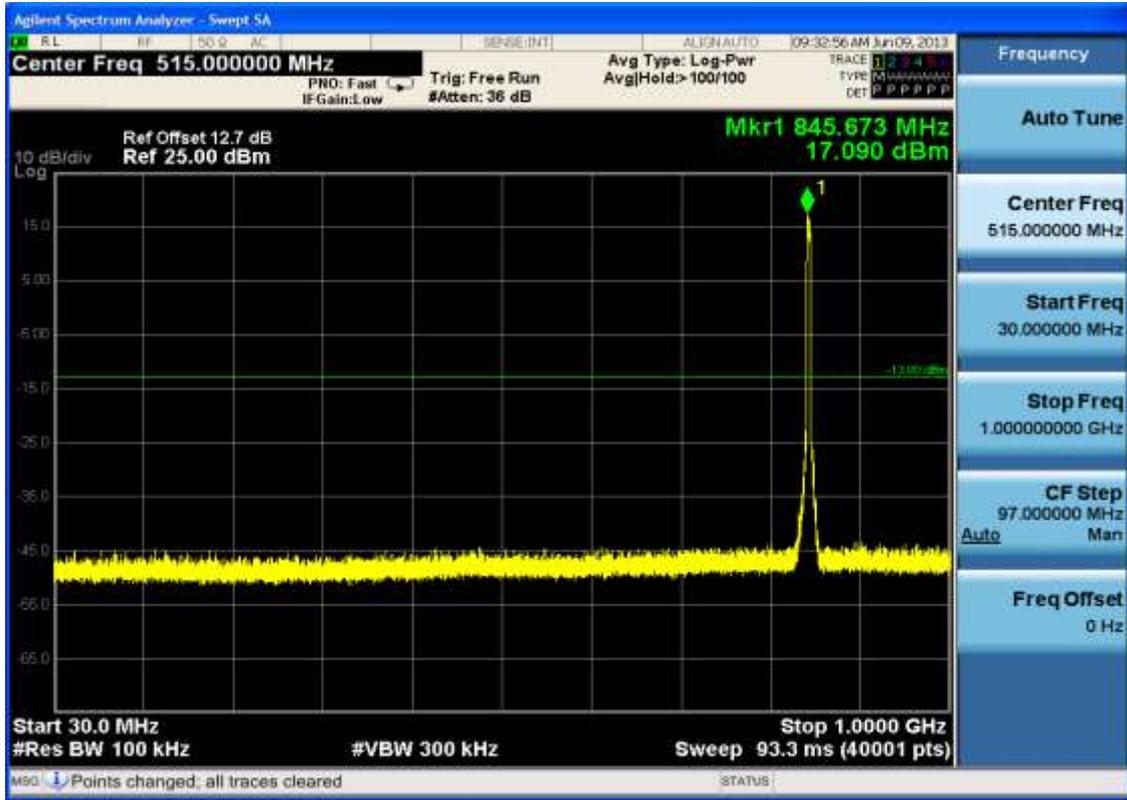


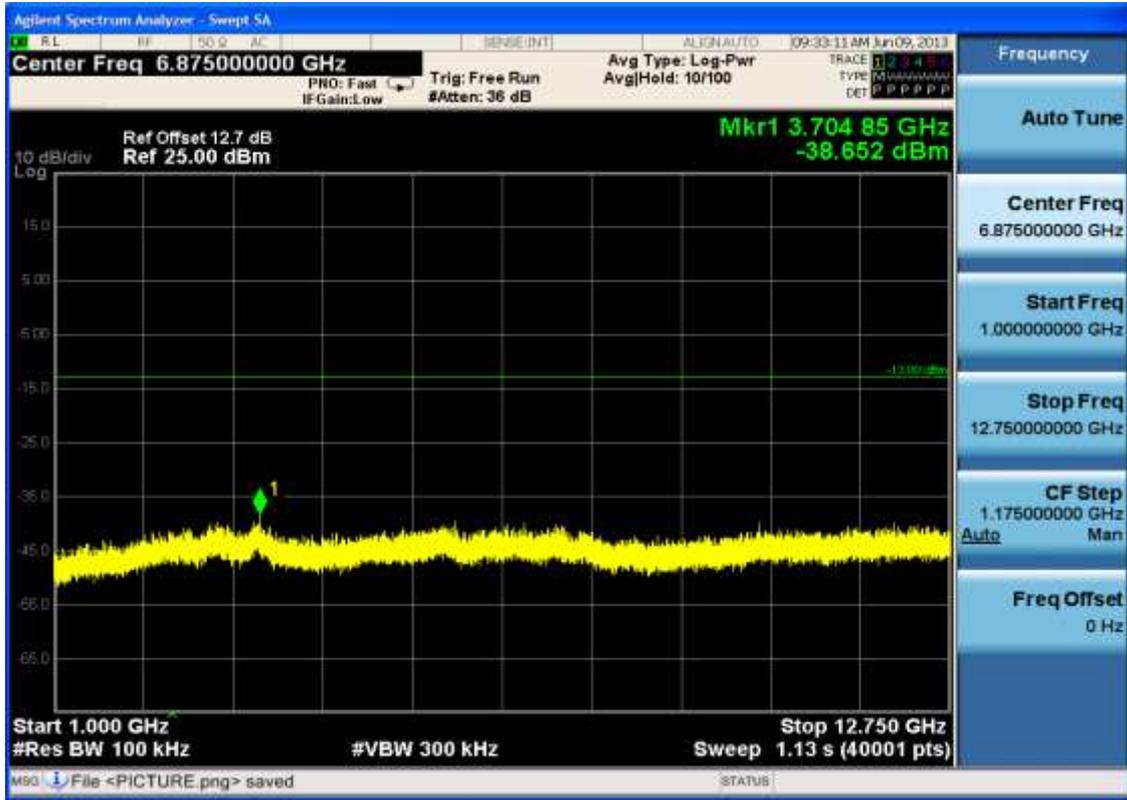


6.1.3.1.3 Test Channel = HCH





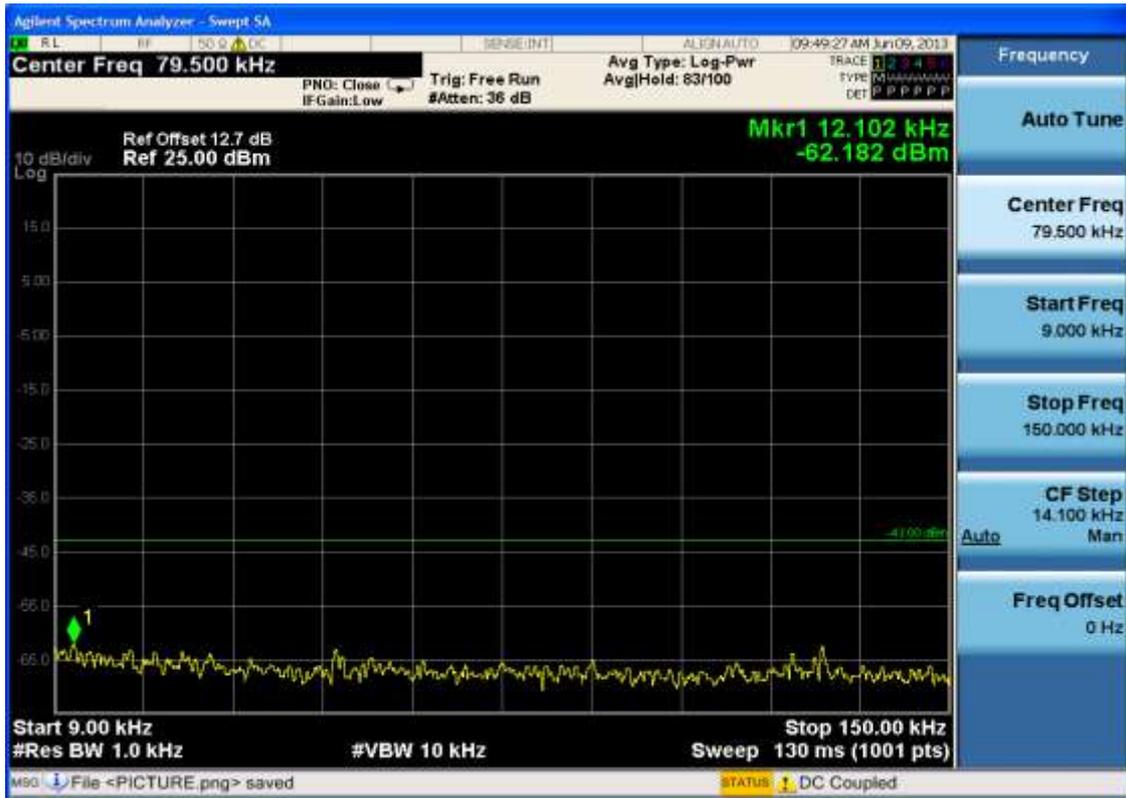


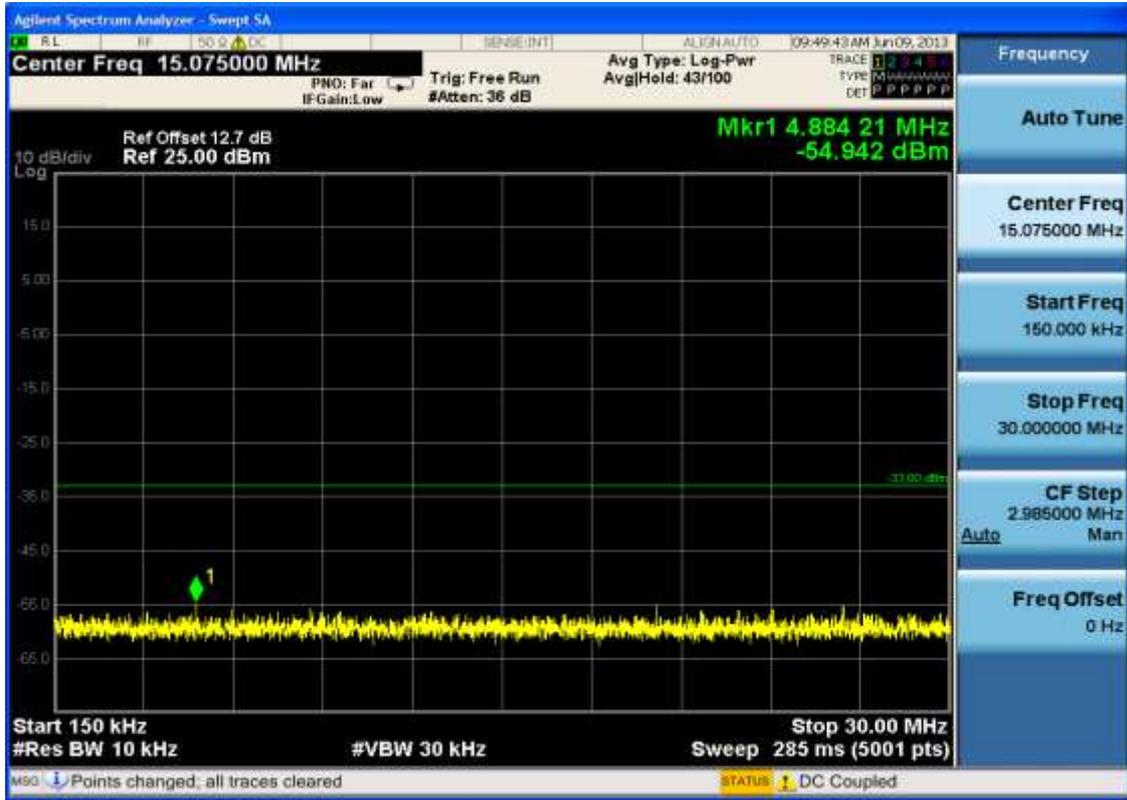


6.1.4 Test Band = WCDMA1900

6.1.4.1 Test Mode = UMTS/TM1

6.1.4.1.1 Test Channel = LCH

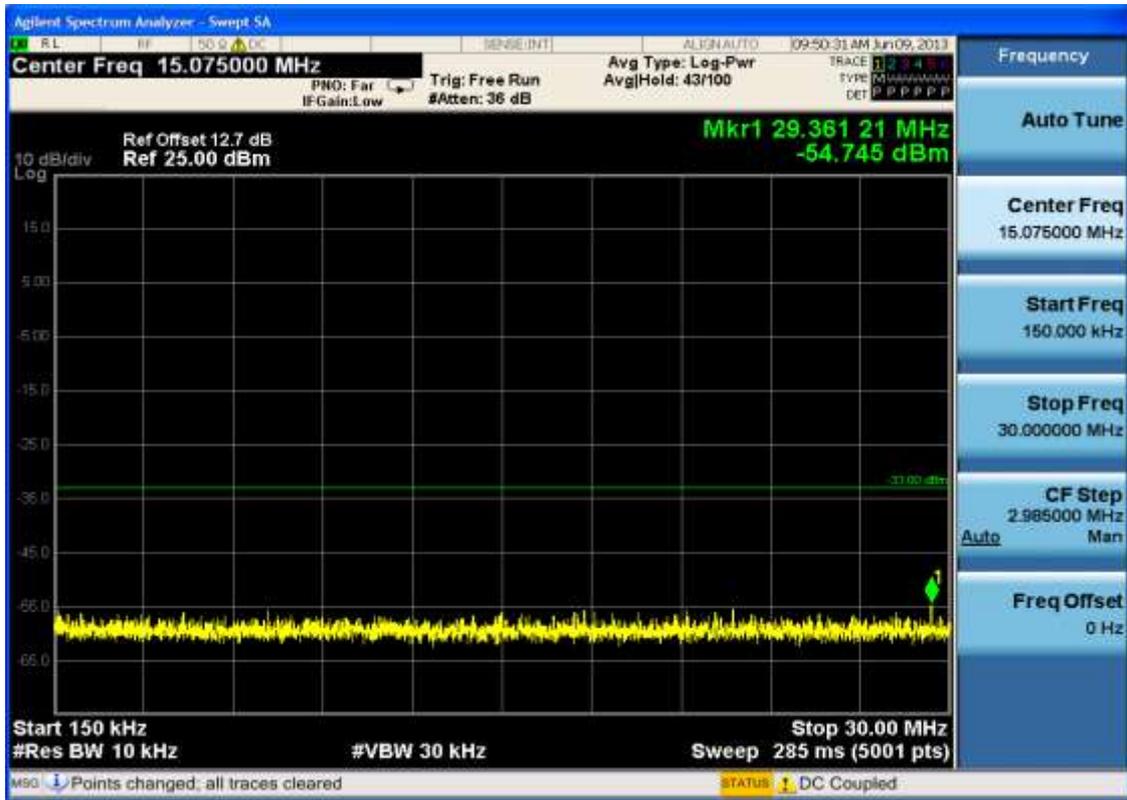






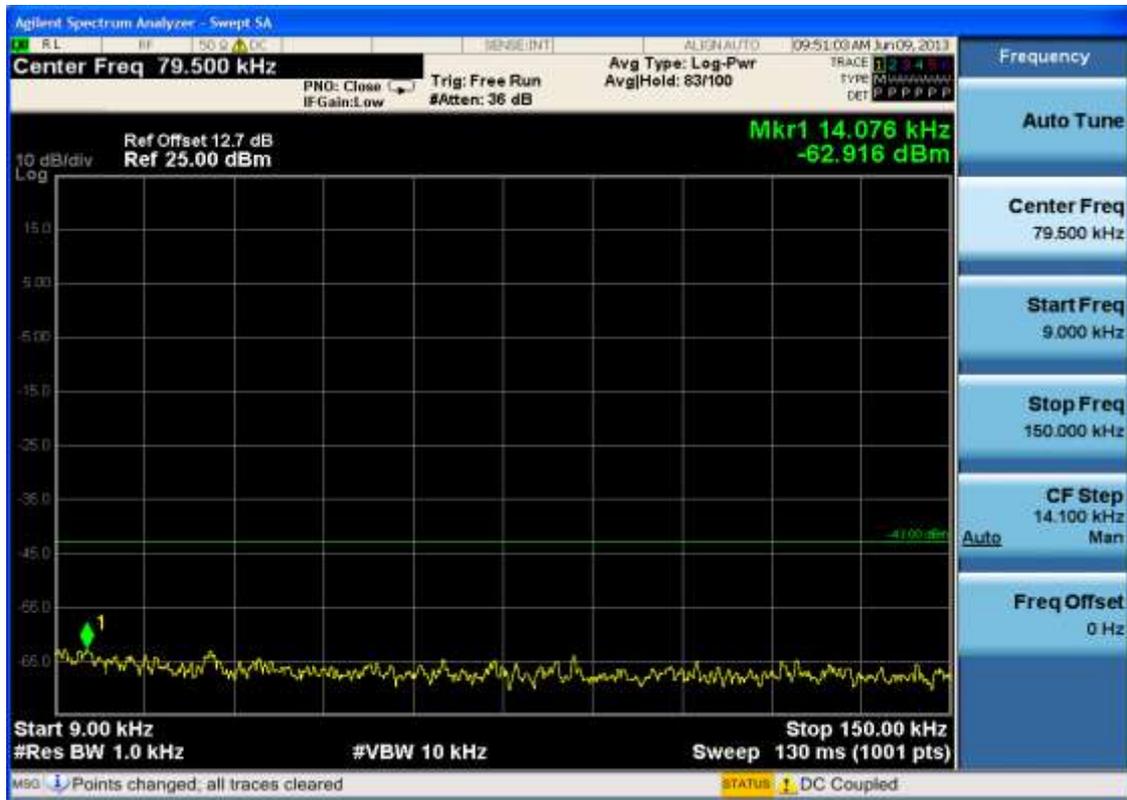
6.1.4.1.2 Test Channel = MCH

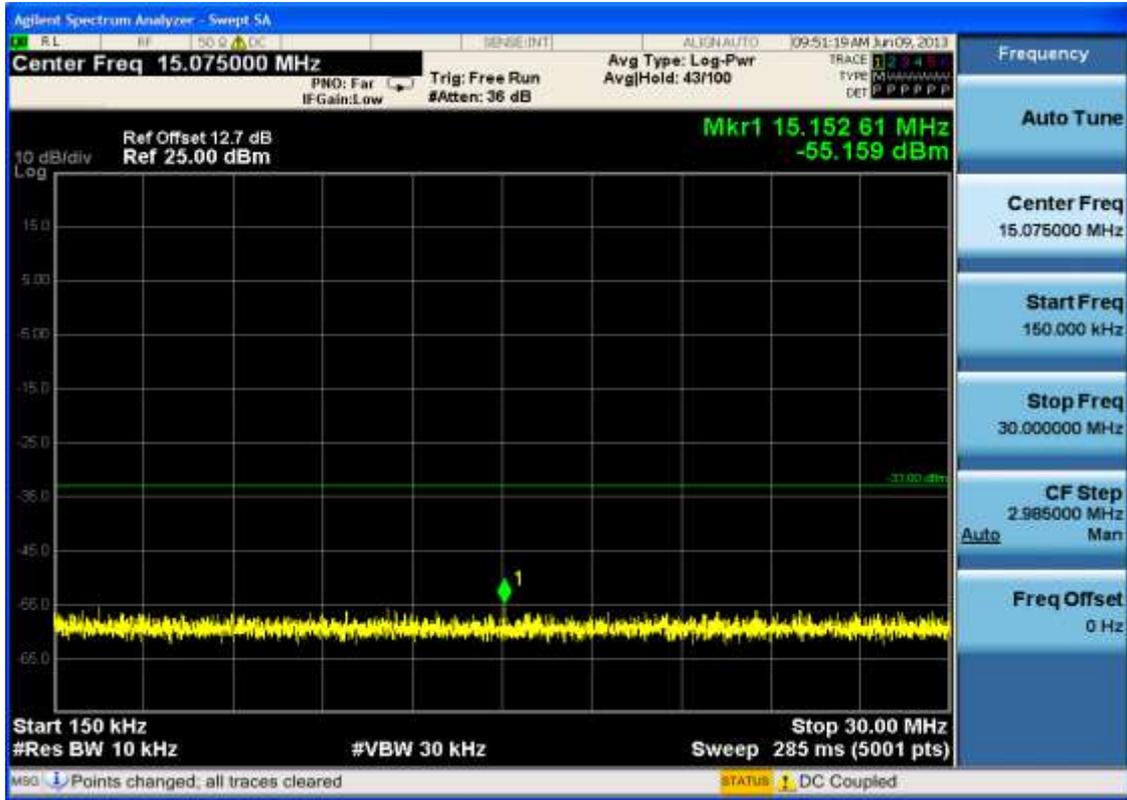






6.1.4.1.3 Test Channel = HCH







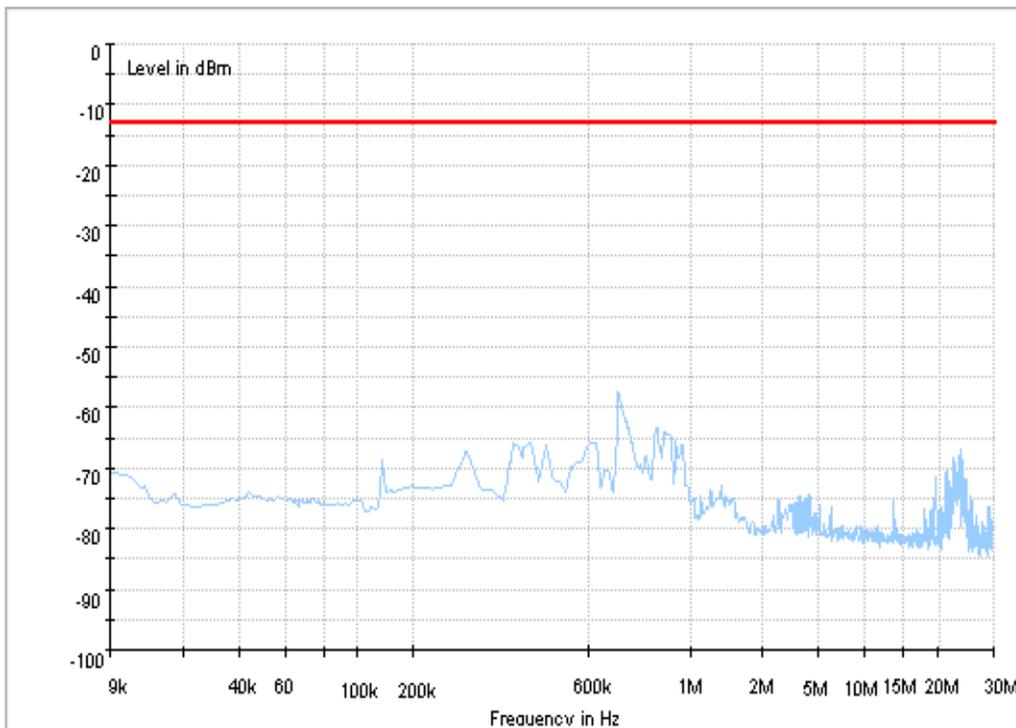
7Appendix_G: Field Strength of Spurious Radiation

Part I - Test Plots

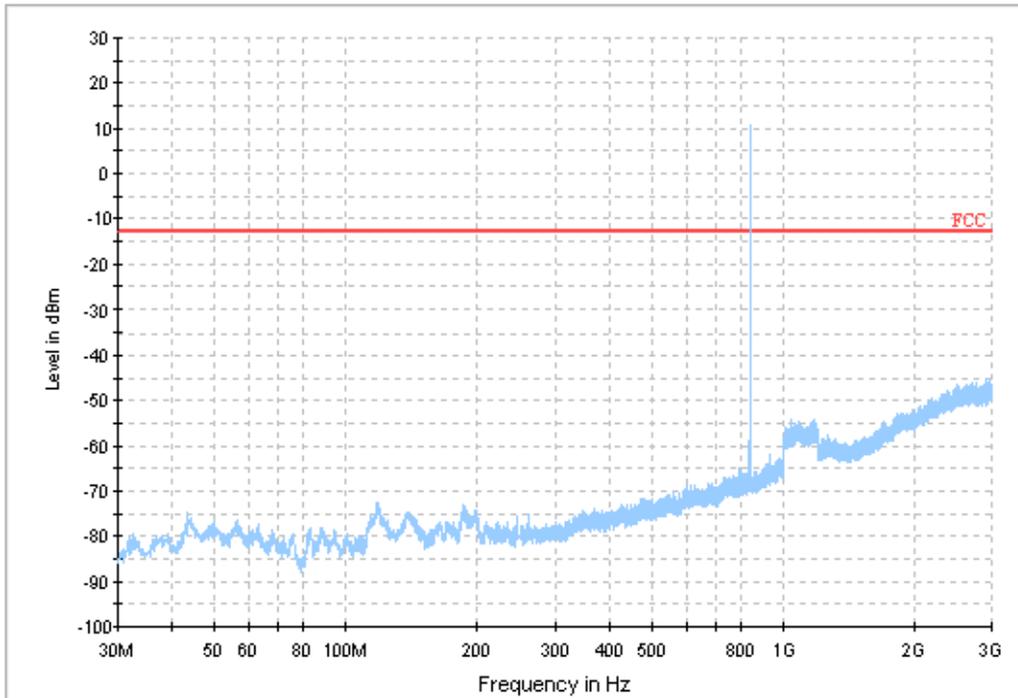
7.1 For GSM

7.1.1 Test Band = GSM850

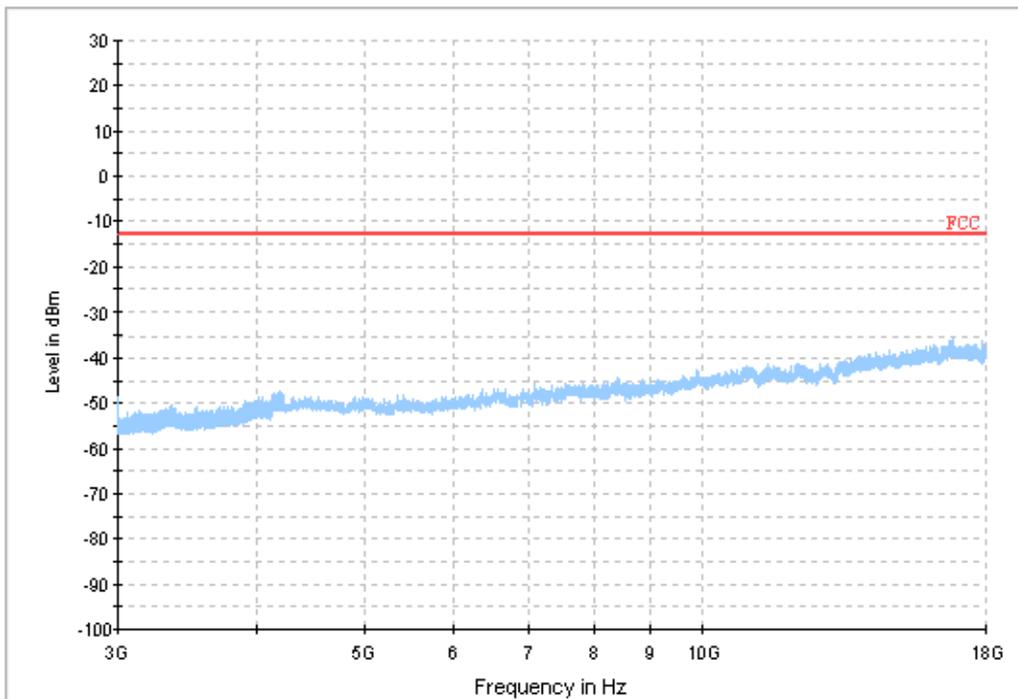
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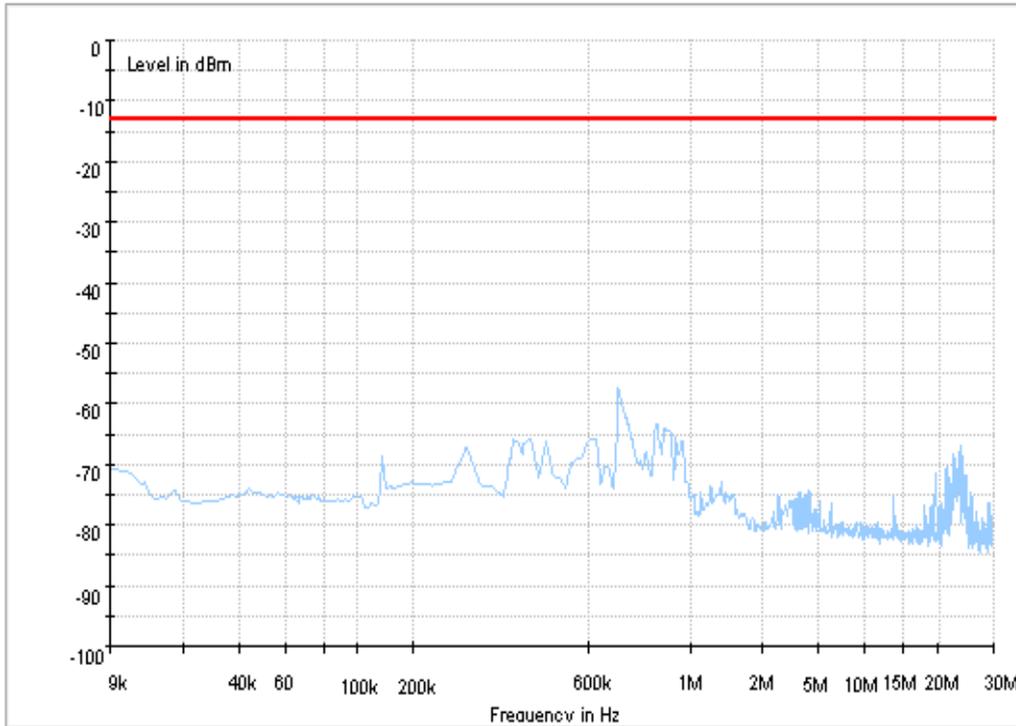
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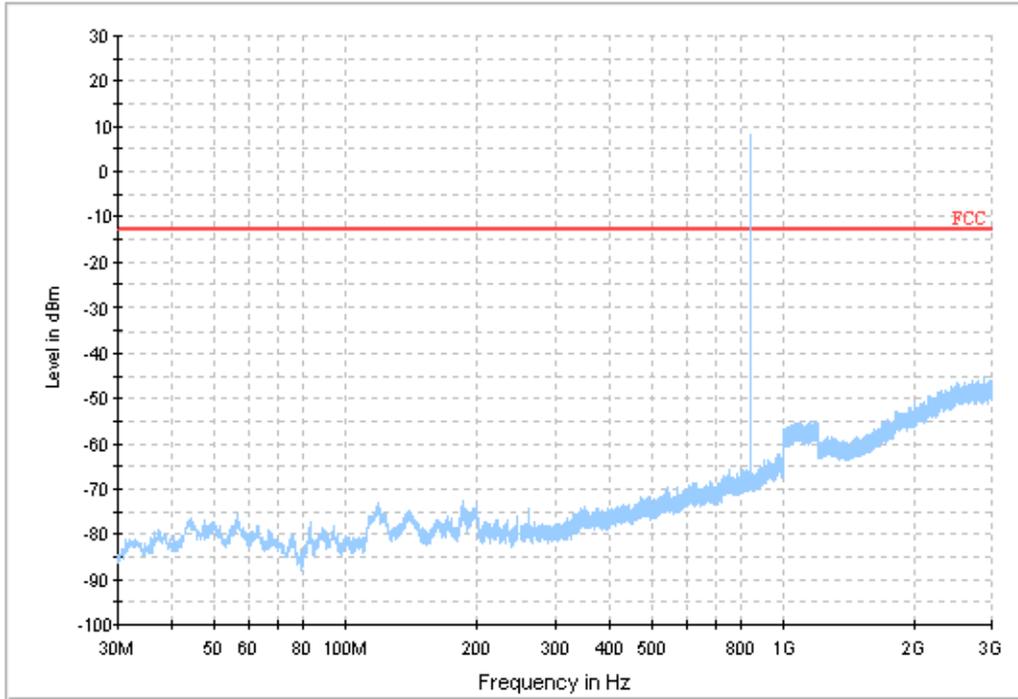
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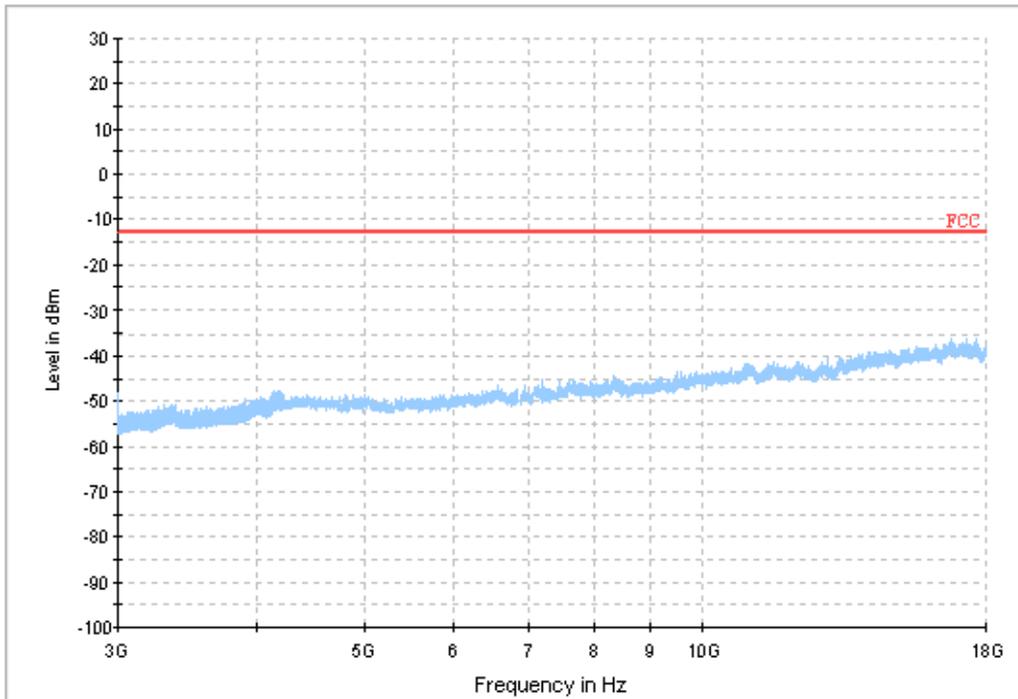
7.1.1.2 Test Mode = GSM/TM2



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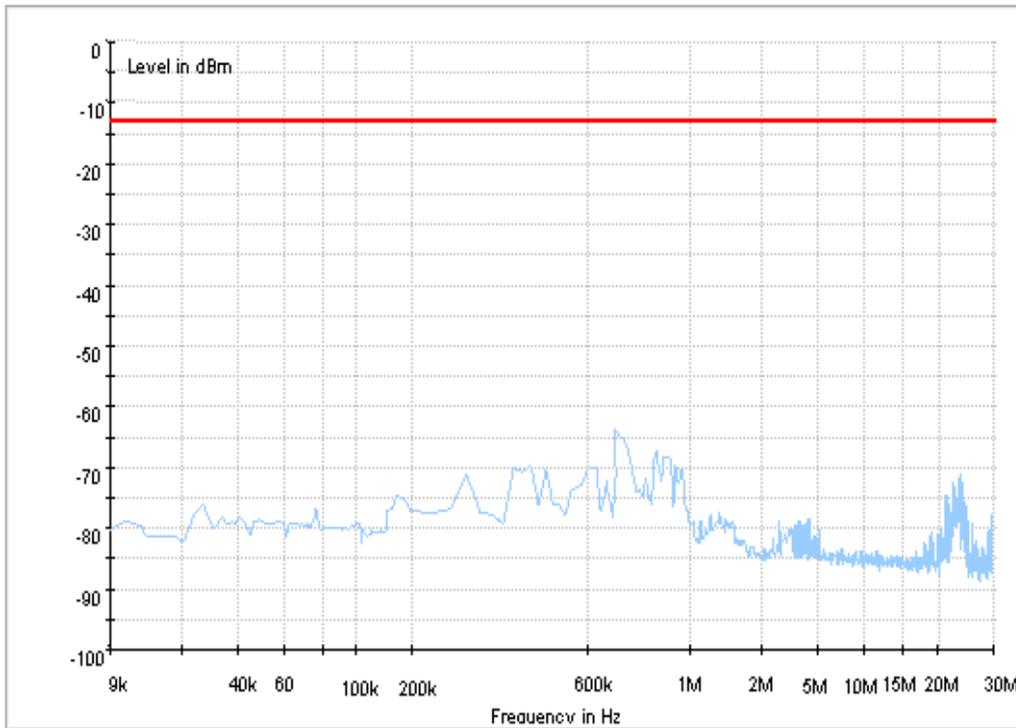


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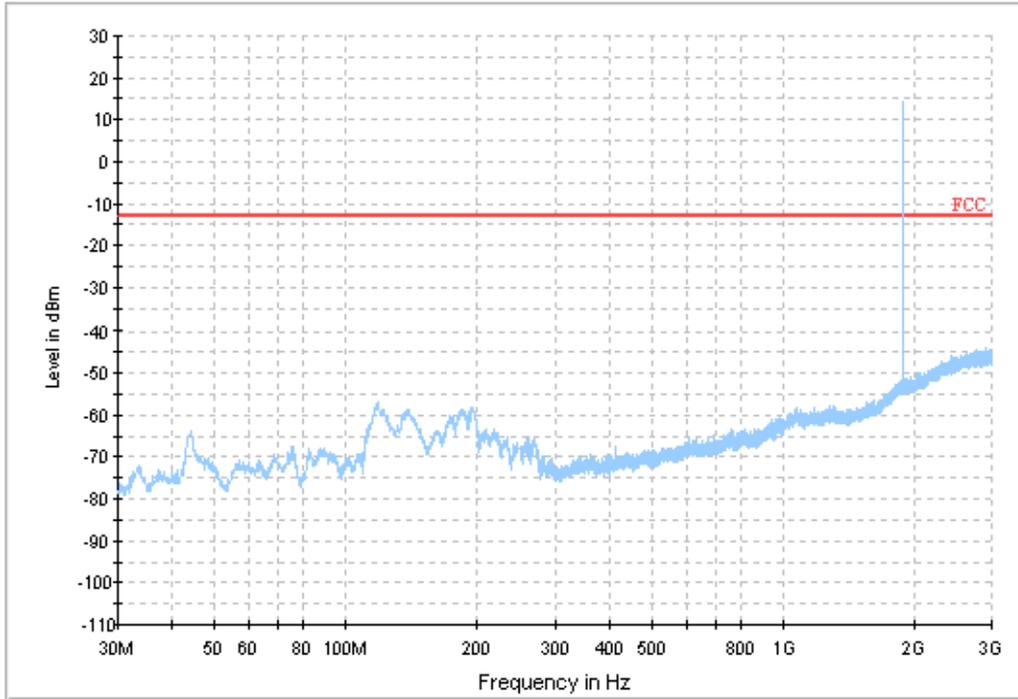


7.1.2 Test Band = GSM1900

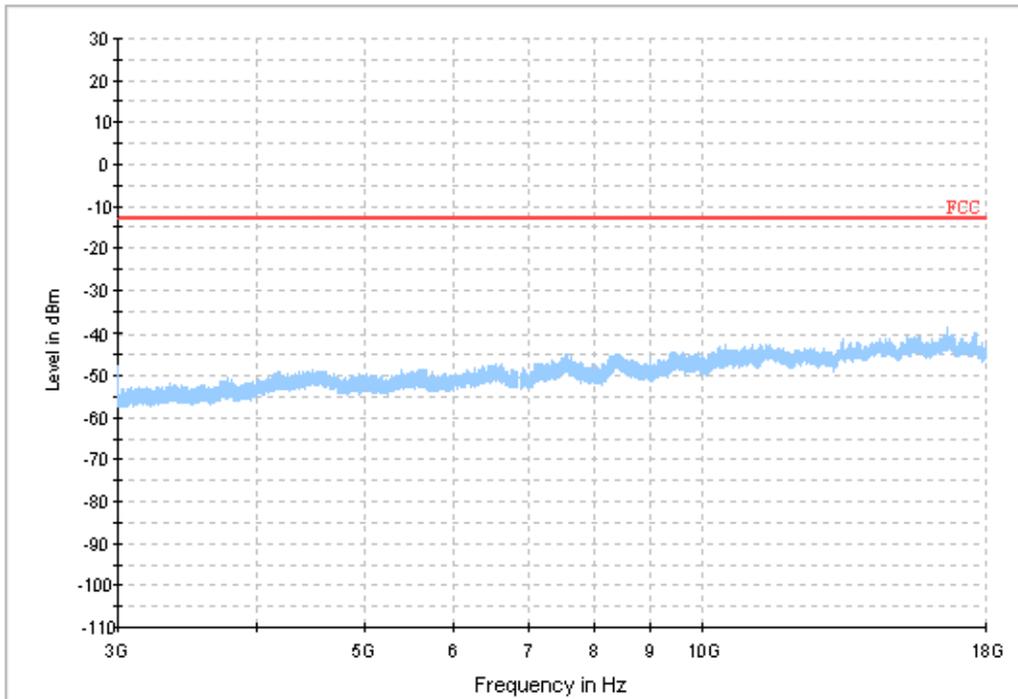
7.1.2.1 Test Mode = GSM/TM1

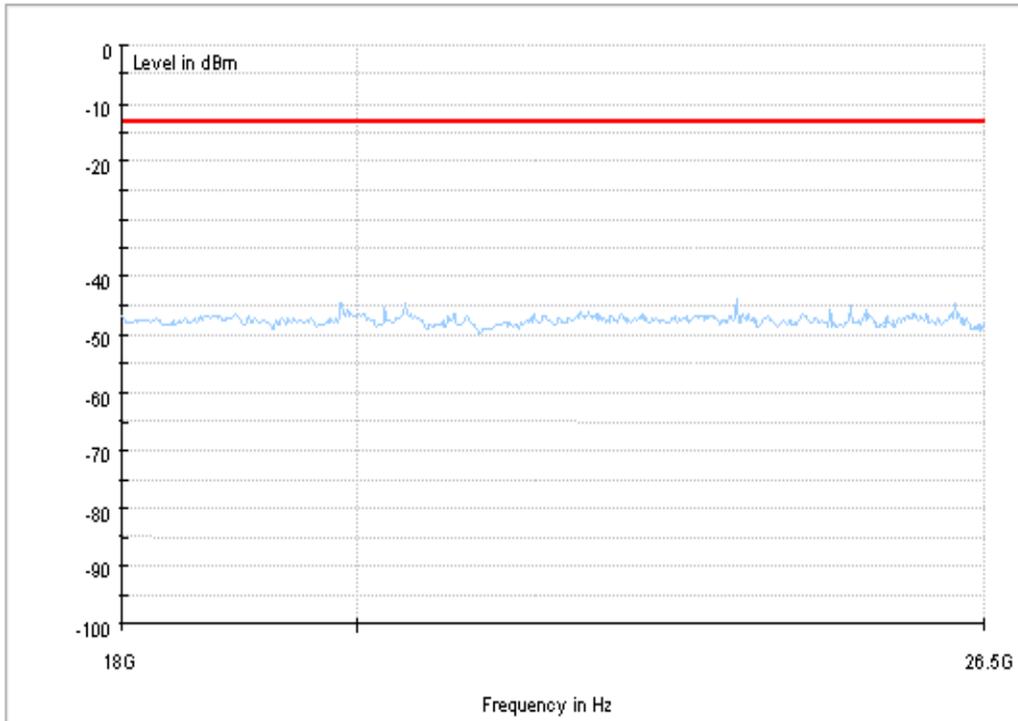


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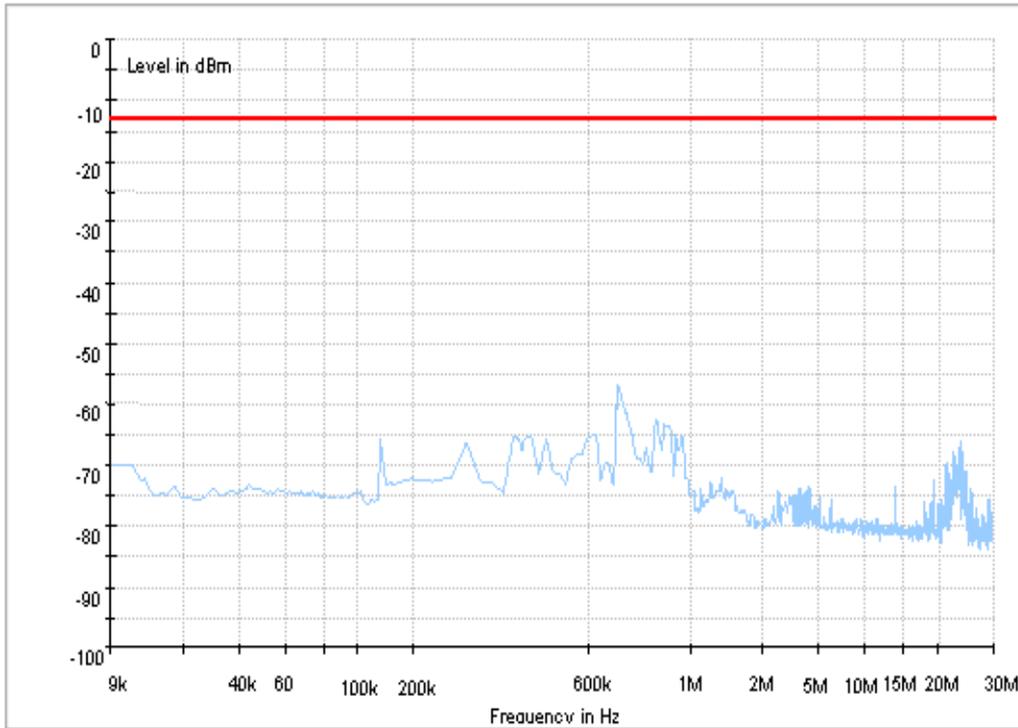


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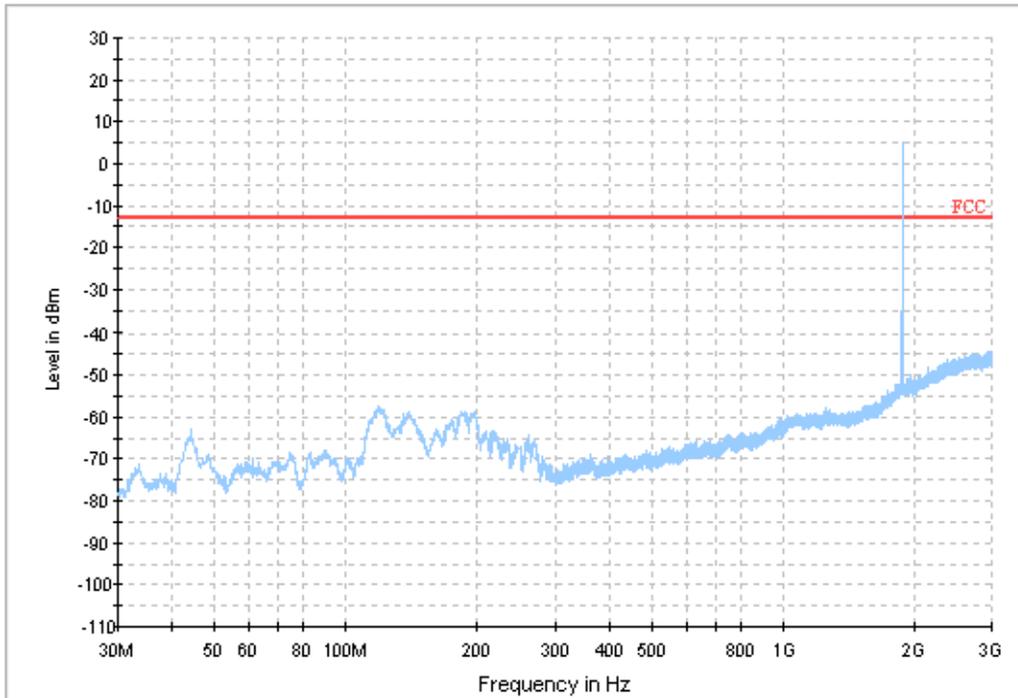




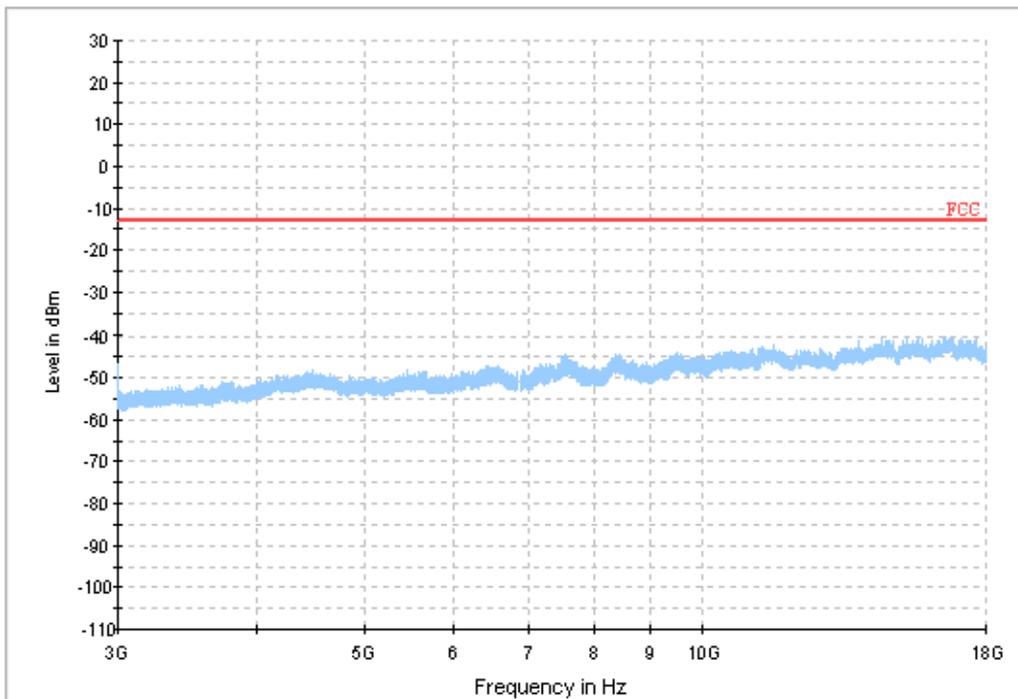
7.1.2.2 Test Mode = GSM/TM2

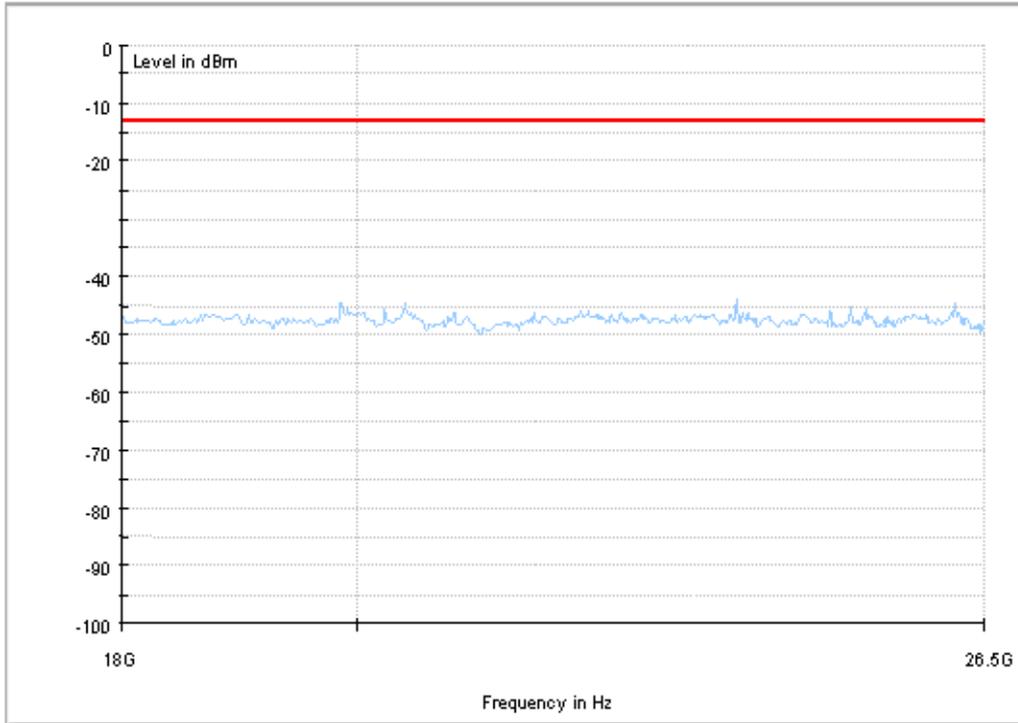


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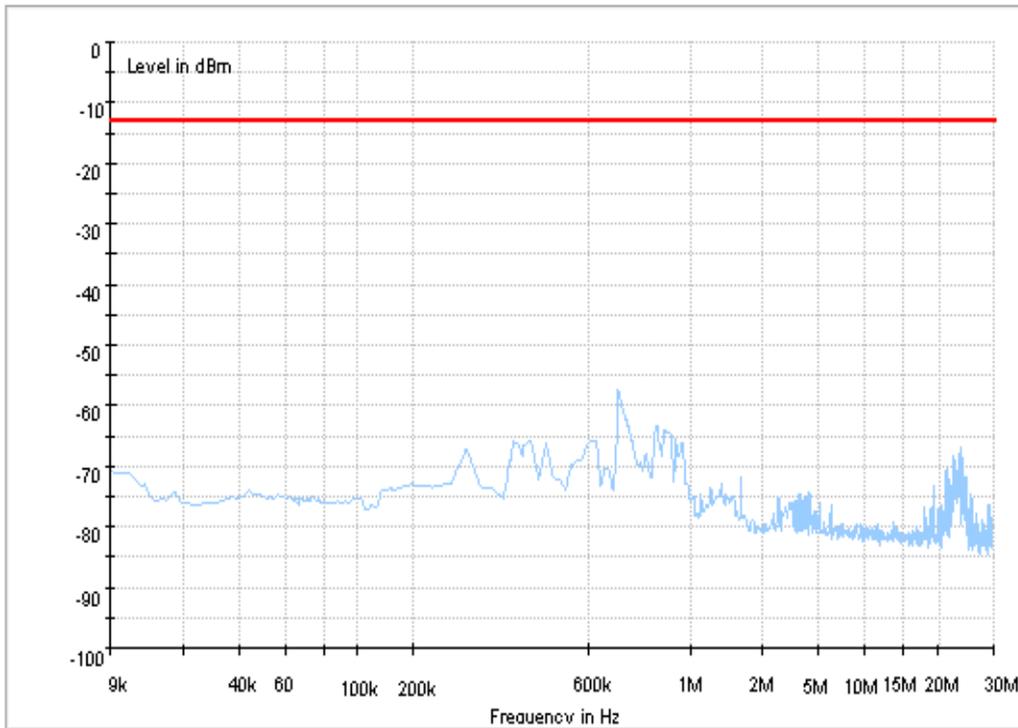
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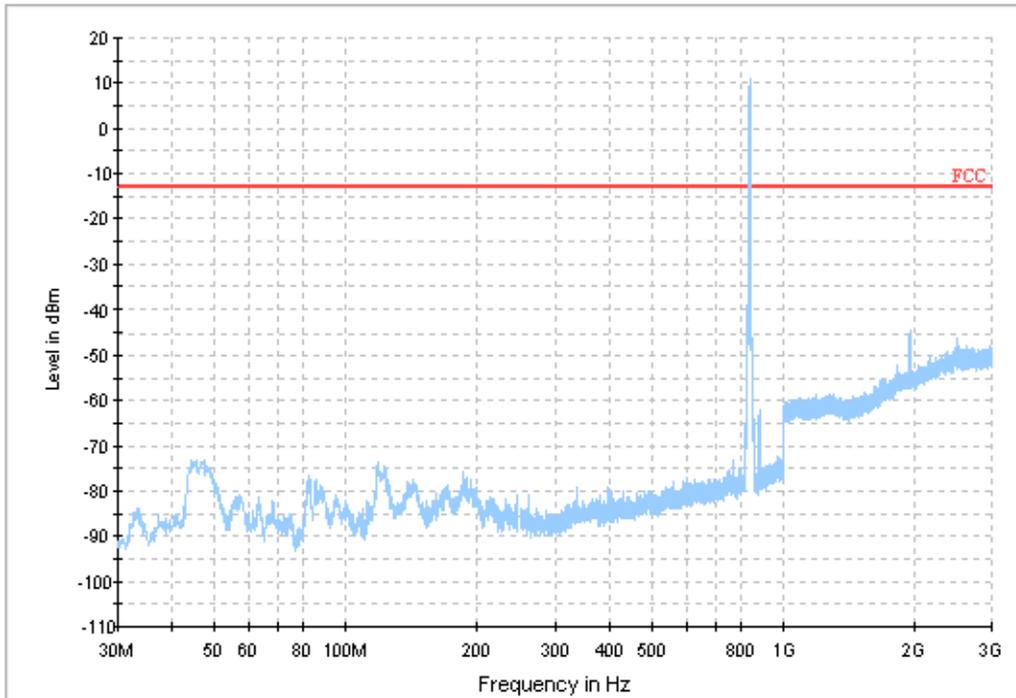


7.1.3 Test Band = WCDMA850

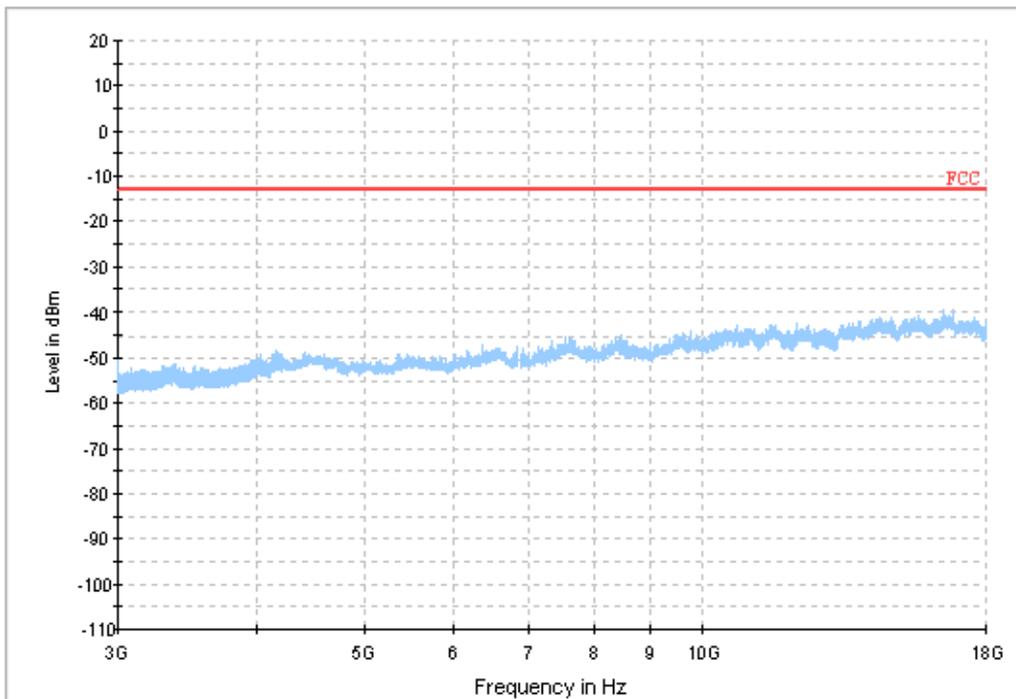
7.1.3.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

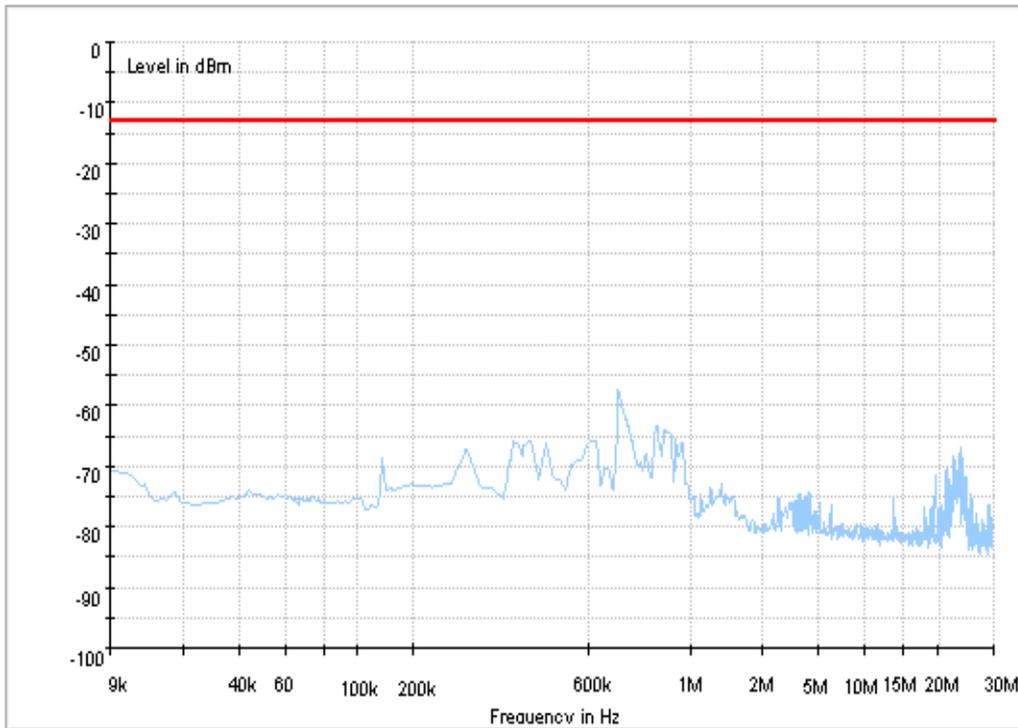


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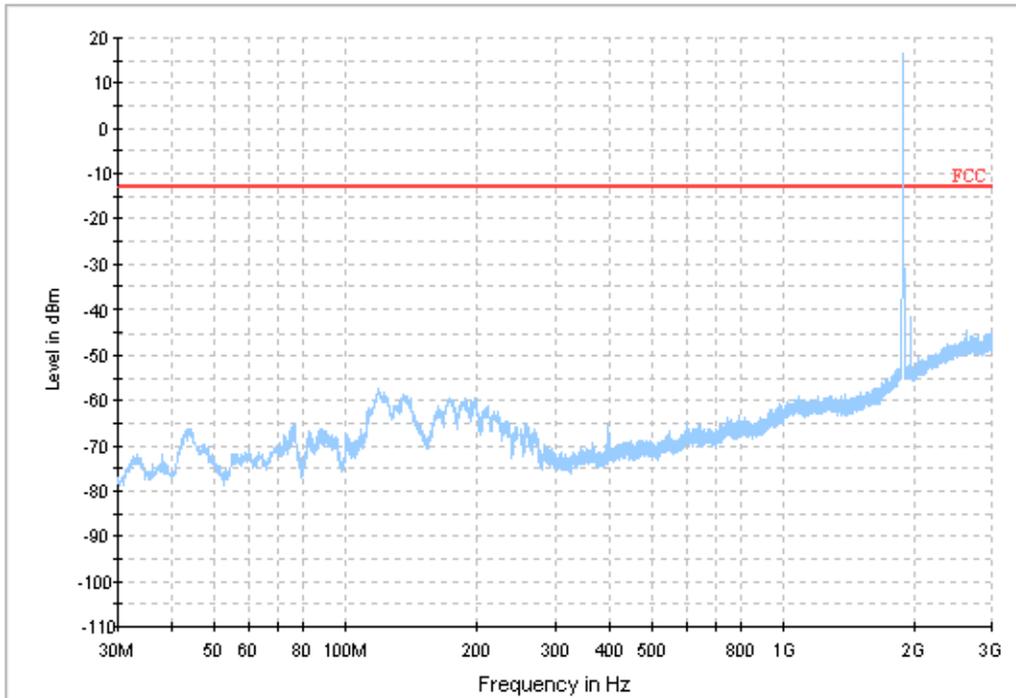


7.1.4 Test Band = WCDMA1900

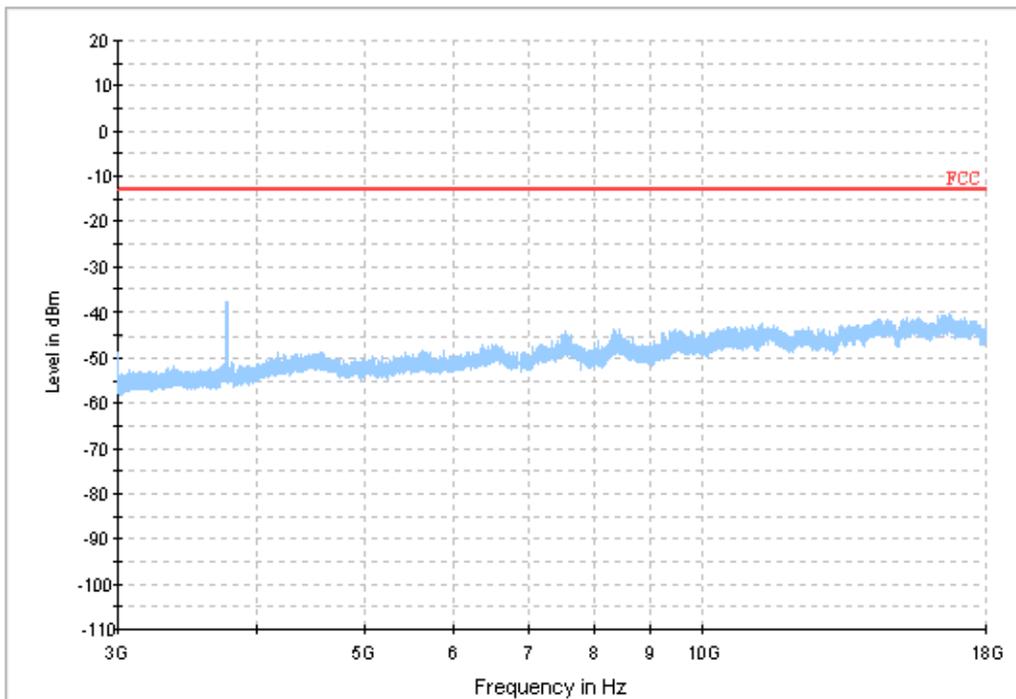
7.1.4.1 Test Mode = UMTS/TM1

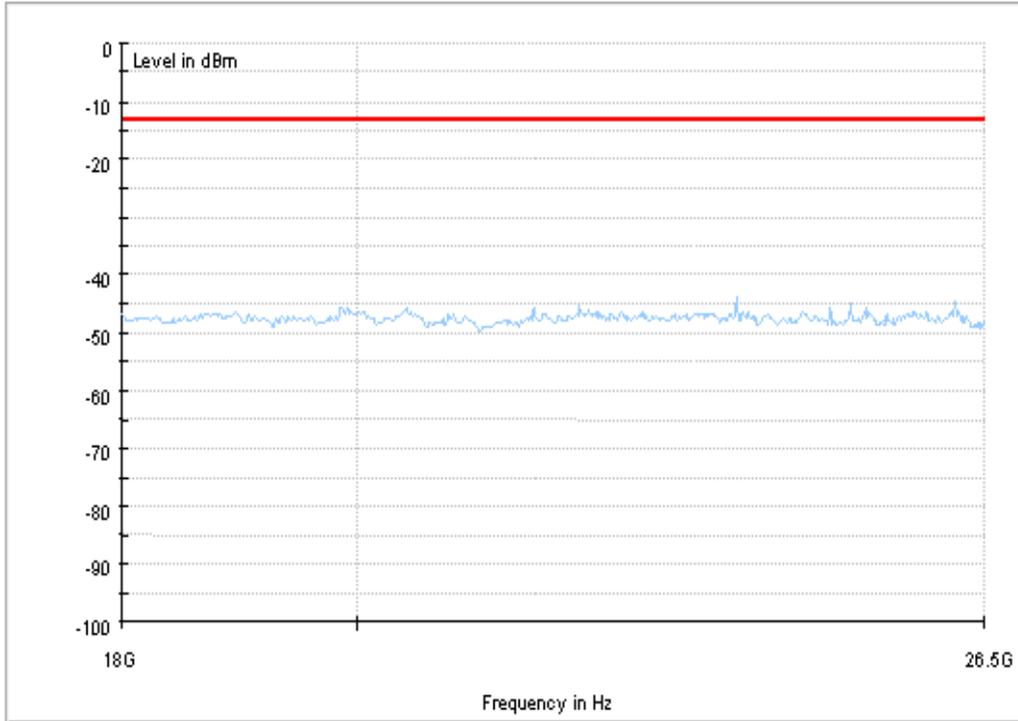


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8Appendix_H: Frequency Stability

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]	Limit [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	4.65	0.00564	±2.5	PASS
				VN	2.52	0.00306	±2.5	PASS
				VH	1.68	0.00204	±2.5	PASS
		MCH	TN	VL	-8.01	-0.00957	±2.5	PASS
				VN	-7.43	-0.00888	±2.5	PASS
				VH	-10.59	-0.01266	±2.5	PASS
		HCH	TN	VL	-3.87	-0.00456	±2.5	PASS
				VN	-3.75	-0.00442	±2.5	PASS
				VH	-3.36	-0.00396	±2.5	PASS
	GSM/TM2	LCH	TN	VL	1.23	0.00149	±2.5	PASS
				VN	1.58	0.00192	±2.5	PASS
				VH	2.74	0.00332	±2.5	PASS
		MCH	TN	VL	-11.88	-0.0142	±2.5	PASS
				VN	-12.07	-0.01443	±2.5	PASS
				VH	-13.27	-0.01586	±2.5	PASS
		HCH	TN	VL	-15.11	-0.0178	±2.5	PASS
				VN	-10.14	-0.01195	±2.5	PASS
				VH	-9.59	-0.0113	±2.5	PASS
GSM1900	GSM/TM1	LCH	TN	VL	15.43	0.00834	±2.5	PASS
				VN	16.40	0.00886	±2.5	PASS
				VH	14.01	0.00757	±2.5	PASS
		MCH	TN	VL	-10.14	-0.00539	±2.5	PASS
				VN	-16.53	-0.00879	±2.5	PASS
				VH	-16.72	-0.00889	±2.5	PASS
		HCH	TN	VL	-10.07	-0.00527	±2.5	PASS
				VN	-3.23	-0.00169	±2.5	PASS
				VH	-9.23	-0.00483	±2.5	PASS
	GSM/TM2	LCH	TN	VL	7.85	0.00424	±2.5	PASS
				VN	15.24	0.00824	±2.5	PASS
				VH	11.11	0.006	±2.5	PASS



Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [ppm]	Verdict
		MCH	TN	VL	-14.63	-0.00778	±2.5	PASS
				VN	-20.21	-0.01075	±2.5	PASS
				VH	-17.37	-0.00924	±2.5	PASS
		HCH	TN	VL	-3.71	-0.00194	±2.5	PASS
				VN	0.74	0.00039	±2.5	PASS
				VH	-7.30	-0.00382	±2.5	PASS
WCDMA850	UMTS/TM1	LCH	TN	VL	-11.15	-0.01349	±2.5	PASS
				VN	-2.84	-0.00344	±2.5	PASS
				VH	-6.93	-0.00839	±2.5	PASS
		MCH	TN	VL	-8.56	-0.01023	±2.5	PASS
				VN	-7.71	-0.00922	±2.5	PASS
				VH	-8.54	-0.01021	±2.5	PASS
		HCH	TN	VL	-13.12	-0.0155	±2.5	PASS
				VN	-6.15	-0.00726	±2.5	PASS
				VH	-6.58	-0.00777	±2.5	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	2.20	0.00119	±2.5	PASS
				VN	-0.92	-0.0005	±2.5	PASS
				VH	-4.30	-0.00232	±2.5	PASS
		MCH	TN	VL	8.07	0.00429	±2.5	PASS
				VN	3.42	0.00182	±2.5	PASS
				VH	0.98	0.00052	±2.5	PASS
		HCH	TN	VL	5.48	0.00287	±2.5	PASS
				VN	-0.73	-0.00038	±2.5	PASS
				VH	0.75	0.00039	±2.5	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]	Limit [ppm]	Verdict
GSM850	GSM/TM1	LCH	VN	-30	-4.13	-0.00501	±2.5	PASS
				-20	-2.71	-0.00329	±2.5	PASS
				-10	-2.32	-0.00281	±2.5	PASS
				0	-3.68	-0.00446	±2.5	PASS
				10	-4.07	-0.00494	±2.5	PASS
				20	-1.42	-0.00172	±2.5	PASS
				30	-0.58	-0.0007	±2.5	PASS
				40	-3.23	-0.00392	±2.5	PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [ppm]	Verdict
		MCH	VN	50	-4.97	-0.00603	±2.5	PASS
				-30	-10.07	-0.01204	±2.5	PASS
				-20	-10.27	-0.01228	±2.5	PASS
				-10	-12.98	-0.01552	±2.5	PASS
				0	-12.07	-0.01443	±2.5	PASS
				10	-12.59	-0.01505	±2.5	PASS
				20	-15.05	-0.01799	±2.5	PASS
				30	-15.82	-0.01891	±2.5	PASS
				40	-12.66	-0.01513	±2.5	PASS
		50	-15.76	-0.01884	±2.5	PASS		
		HCH	VN	-30	-5.81	-0.00684	±2.5	PASS
				-20	-4.07	-0.0048	±2.5	PASS
				-10	-3.94	-0.00464	±2.5	PASS
				0	-1.42	-0.00167	±2.5	PASS
				10	-3.42	-0.00403	±2.5	PASS
				20	-1.49	-0.00176	±2.5	PASS
				30	-5.81	-0.00684	±2.5	PASS
				40	-0.97	-0.00114	±2.5	PASS
	50			-2.00	-0.00236	±2.5	PASS	
	GSM/TM2	LCH	VN	-30	-8.36	-0.01014	±2.5	PASS
				-20	-4.26	-0.00517	±2.5	PASS
				-10	6.88	0.00835	±2.5	PASS
				0	-2.65	-0.00322	±2.5	PASS
				10	-2.20	-0.00267	±2.5	PASS
				20	-4.13	-0.00501	±2.5	PASS
				30	-0.10	-0.00012	±2.5	PASS
				40	-3.52	-0.00427	±2.5	PASS
				50	-1.32	-0.0016	±2.5	PASS
		MCH	VN	-30	-6.39	-0.00764	±2.5	PASS
				-20	-20.60	-0.02462	±2.5	PASS
				-10	-14.21	-0.01699	±2.5	PASS
				0	-14.79	-0.01768	±2.5	PASS
				10	-16.79	-0.02007	±2.5	PASS
				20	-14.66	-0.01752	±2.5	PASS
				30	-24.50	-0.02929	±2.5	PASS
				40	-24.73	-0.02956	±2.5	PASS
50				-23.25	-0.02779	±2.5	PASS	
HCH	VN	-30	-11.88	-0.014	±2.5	PASS		



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [ppm]	Verdict
				-20	-12.82	-0.0151	±2.5	PASS
				-10	-13.85	-0.01632	±2.5	PASS
				0	-4.97	-0.00586	±2.5	PASS
				10	-13.27	-0.01563	±2.5	PASS
				20	-0.26	-0.00031	±2.5	PASS
				30	-8.39	-0.00988	±2.5	PASS
				40	3.62	0.00426	±2.5	PASS
				50	4.84	0.0057	±2.5	PASS
GSM1900	GSM/TM1	LCH	VN	-30	15.37	0.00831	±2.5	PASS
				-20	15.82	0.00855	±2.5	PASS
				-10	19.31	0.01044	±2.5	PASS
				0	7.43	0.00402	±2.5	PASS
				10	13.95	0.00754	±2.5	PASS
				20	16.47	0.0089	±2.5	PASS
				30	19.11	0.01033	±2.5	PASS
				40	7.68	0.00415	±2.5	PASS
		50	9.81	0.0053	±2.5	PASS		
		MCH	VN	-30	-15.63	-0.00831	±2.5	PASS
				-20	-17.63	-0.00938	±2.5	PASS
				-10	-21.44	-0.0114	±2.5	PASS
				0	-21.57	-0.01147	±2.5	PASS
				10	-16.79	-0.00893	±2.5	PASS
				20	-17.76	-0.00945	±2.5	PASS
				30	-20.47	-0.01089	±2.5	PASS
				40	-17.24	-0.00917	±2.5	PASS
		50	-17.18	-0.00914	±2.5	PASS		
		HCH	VN	-30	-6.97	-0.00365	±2.5	PASS
				-20	-10.78	-0.00564	±2.5	PASS
				-10	-7.36	-0.00385	±2.5	PASS
				0	-2.78	-0.00146	±2.5	PASS
				10	1.87	0.00098	±2.5	PASS
				20	3.81	0.00199	±2.5	PASS
	30			-3.29	-0.00172	±2.5	PASS	
	40			-2.20	-0.00115	±2.5	PASS	
	50	-3.87	-0.00203	±2.5	PASS			
	GSM/TM2	LCH	VN	-30	-1.39	-0.00075	±2.5	PASS
				-20	12.56	0.00679	±2.5	PASS
				-10	8.43	0.00456	±2.5	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [ppm]	Verdict		
				0	12.30	0.00665	±2.5	PASS		
				10	3.10	0.00168	±2.5	PASS		
				20	5.65	0.00305	±2.5	PASS		
				30	8.88	0.0048	±2.5	PASS		
				40	10.69	0.00578	±2.5	PASS		
				50	9.52	0.00515	±2.5	PASS		
		MCH	VN	-30	-21.24	-0.0113	±2.5	PASS		
				-20	-16.79	-0.00893	±2.5	PASS		
				-10	-22.60	-0.01202	±2.5	PASS		
				0	-19.37	-0.0103	±2.5	PASS		
				10	-18.08	-0.00962	±2.5	PASS		
				20	-19.34	-0.01029	±2.5	PASS		
				30	-17.21	-0.00915	±2.5	PASS		
				40	-17.92	-0.00953	±2.5	PASS		
		HCH	VN	-30	-9.52	-0.00498	±2.5	PASS		
				-20	1.52	0.0008	±2.5	PASS		
				-10	-10.72	-0.00561	±2.5	PASS		
				0	-4.46	-0.00234	±2.5	PASS		
				10	-5.13	-0.00269	±2.5	PASS		
				20	-3.78	-0.00198	±2.5	PASS		
				30	-8.23	-0.00431	±2.5	PASS		
				40	-10.53	-0.00551	±2.5	PASS		
		WCDMA850	UMTS/TM1	LCH	VN	-30	-7.66	-0.00927	±2.5	PASS
						-20	-7.08	-0.00857	±2.5	PASS
						-10	-11.54	-0.01396	±2.5	PASS
						0	-13.67	-0.01654	±2.5	PASS
						10	-3.04	-0.00368	±2.5	PASS
20	-4.59					-0.00555	±2.5	PASS		
30	-4.65					-0.00563	±2.5	PASS		
40	0.72					0.00087	±2.5	PASS		
50	-5.62			-0.0068	±2.5	PASS				
MCH	VN			-30	-7.98	-0.00954	±2.5	PASS		
				-20	0.41	0.00049	±2.5	PASS		
				-10	-5.71	-0.00683	±2.5	PASS		
				0	3.54	0.00423	±2.5	PASS		
				10	-12.88	-0.0154	±2.5	PASS		

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [ppm]	Verdict		
				20	-0.81	-0.00097	±2.5	PASS		
				30	-9.75	-0.01166	±2.5	PASS		
				40	-6.90	-0.00825	±2.5	PASS		
				50	1.28	0.00153	±2.5	PASS		
		HCH	VN			-30	-7.74	-0.00914	±2.5	PASS
						-20	-7.68	-0.00907	±2.5	PASS
						-10	-11.57	-0.01367	±2.5	PASS
						0	-14.63	-0.01728	±2.5	PASS
						10	-15.20	-0.01795	±2.5	PASS
						20	-14.25	-0.01683	±2.5	PASS
						30	-4.73	-0.00559	±2.5	PASS
						40	1.04	0.00123	±2.5	PASS
						50	-9.22	-0.01089	±2.5	PASS
						WCDMA1900	UMTS/TM1	LCH	VN	-30
-20	-2.94	-0.00159	±2.5	PASS						
-10	-2.04	-0.0011	±2.5	PASS						
0	0.95	0.00051	±2.5	PASS						
10	-5.45	-0.00294	±2.5	PASS						
20	6.04	0.00326	±2.5	PASS						
30	6.06	0.00327	±2.5	PASS						
40	4.29	0.00232	±2.5	PASS						
50	-1.02	-0.00055	±2.5	PASS						
MCH	VN			-30	1.91					0.00102
				-20	0.78			0.00041	±2.5	PASS
				-10	-1.56			-0.00083	±2.5	PASS
				0	2.21			0.00118	±2.5	PASS
				10	4.38			0.00233	±2.5	PASS
				20	-0.99			-0.00053	±2.5	PASS
				30	5.57			0.00296	±2.5	PASS
				40	0.64			0.00034	±2.5	PASS
				50	-3.78			-0.00201	±2.5	PASS
				HCH	VN					-30
-20	-0.21	-0.00011	±2.5							PASS
-10	0.29	0.00015	±2.5							PASS
0	2.11	0.00111	±2.5							PASS
10	-2.55	-0.00134	±2.5							PASS
20	0.96	0.0005	±2.5							PASS
30	2.73	0.00143	±2.5							PASS



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [ppm]	Verdict
				40	-1.60	-0.00084	±2.5	PASS
				50	-0.89	-0.00047	±2.5	PASS

END