Appendix for test report

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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	32.15	31.07	38.5	PASS
		MCH	32.40	31.25	38.5	PASS
		HCH	32.60	31.34	38.5	PASS
	GSM/TM2	LCH	25.94	24.89	38.5	PASS
		MCH	25.87	24.77	38.5	PASS
		HCH	25.91	24.85	38.5	PASS
WCDMA850	UMTS/TM1	LCH	22.38	21.25	38.5	PASS
		MCH	22.21	21.07	38.5	PASS
		HCH	21.86	20.80	38.5	PASS
Test Band	**Test Mode**	**Test Channel**	**Conducted Power [dBm]**	**EIRP [dBm]**	**Limit [dBm]**	**Verdict**
GSM1900	GSM/TM1	LCH	28.78	29.88	33	PASS
		MCH	28.89	29.97	33	PASS
		HCH	29.12	30.20	33	PASS
	GSM/TM2	LCH	24.00	25.10	33	PASS
		MCH	23.99	25.03	33	PASS
		HCH	23.92	24.99	33	PASS
WCDMA1900	UMTS/TM1	LCH	21.78	22.83	33	PASS
		MCH	21.58	22.59	33	PASS
		HCH	21.84	22.91	33	PASS

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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,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b, SGP=Signal Generator Level

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

Detector: RMS

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2Appendix_B: Peak-to-Average Ratio

(Void)

3Appendix_C: Modulation Characteristics

(Void)

4Appendix_D: Bandwidth

(Void)

5Appendix_E: Band Edges Compliance

(Void)

6Appendix_F: Spurious Emission at Antenna Terminal

(Void)

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7Appendix_G: Field Strength of Spurious Radiation

Note 1:

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

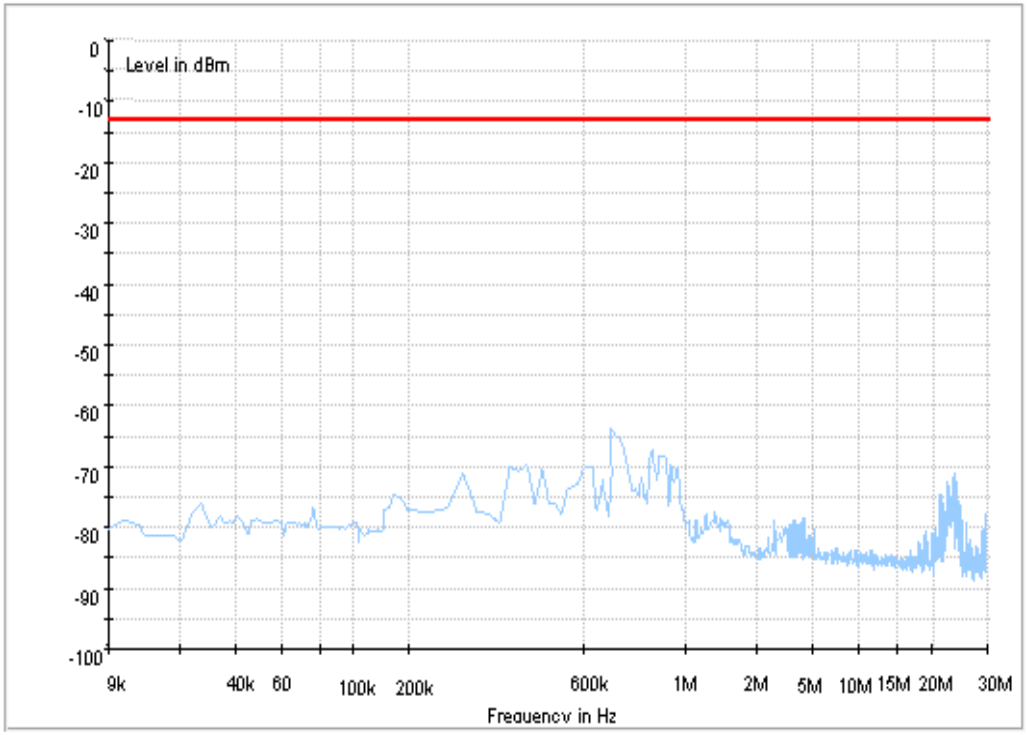
Note 2: The three external antennas all have been tested, only the worst case show as below.

Part I - Test Plots

7.1 For GSM

7.1.1 Test Band = GSM850

7.1.1.1 Test Mode = GSM/TM1



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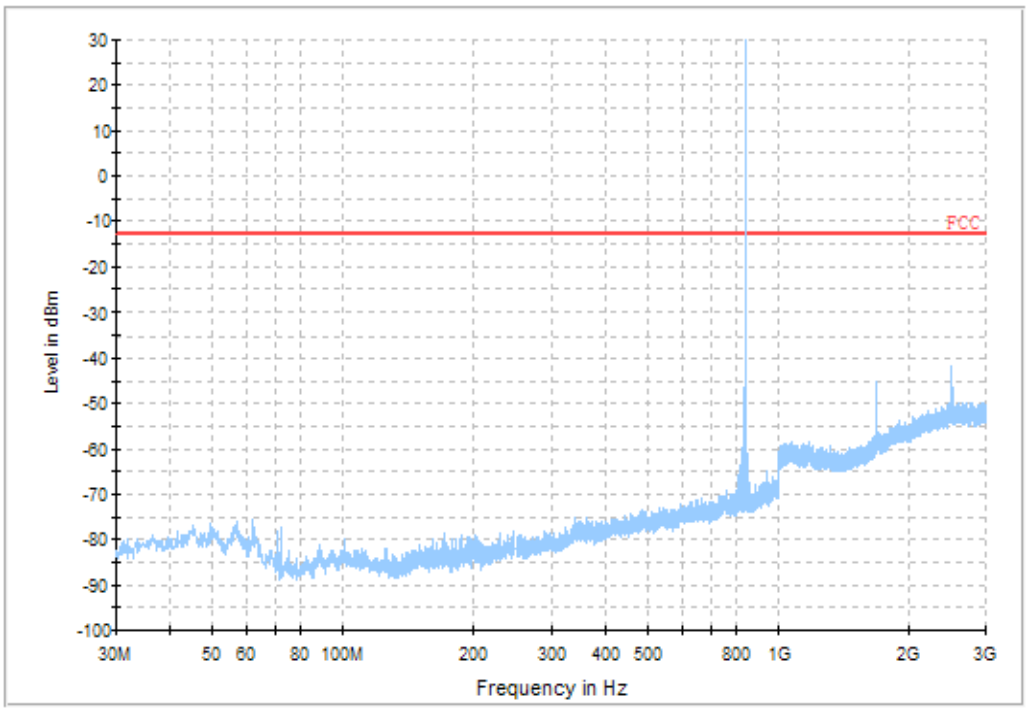
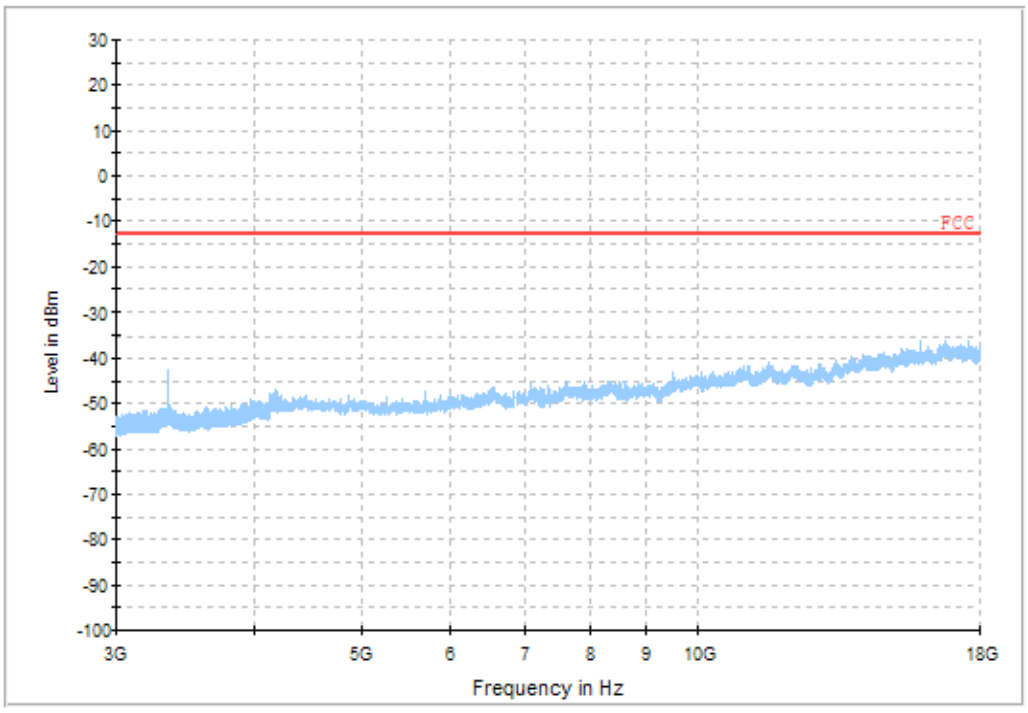
Copy of FCC PART22 GSM850_L



Copy of FCC PART22 GSM850_H



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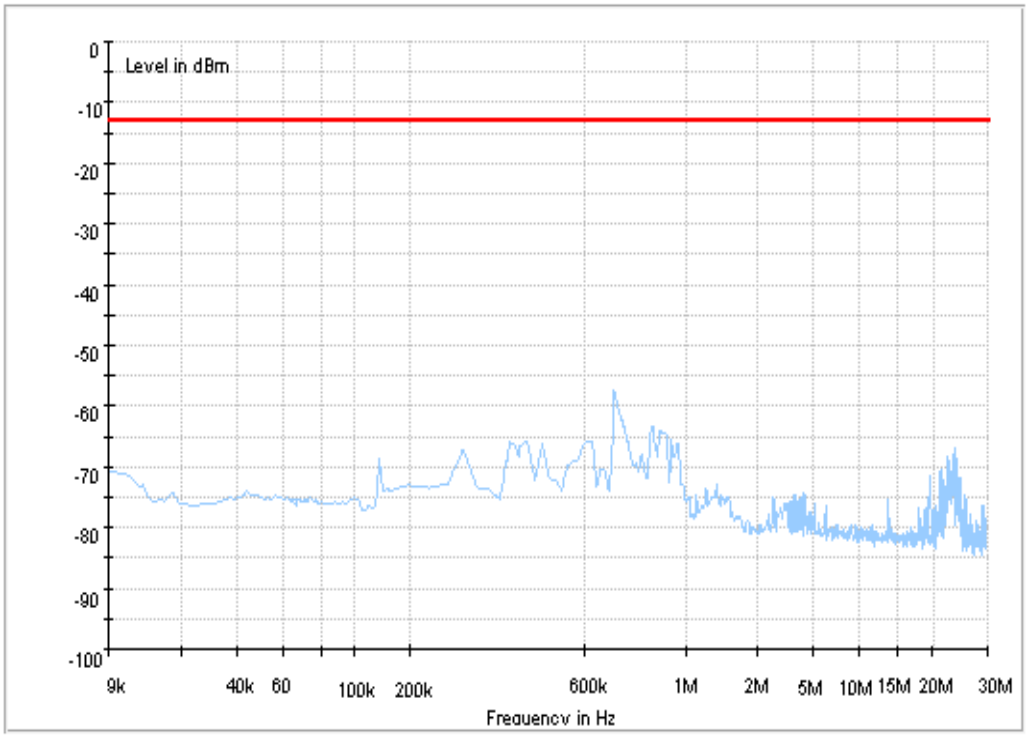
7.1.1.2 Test Mode = GSM/TM2



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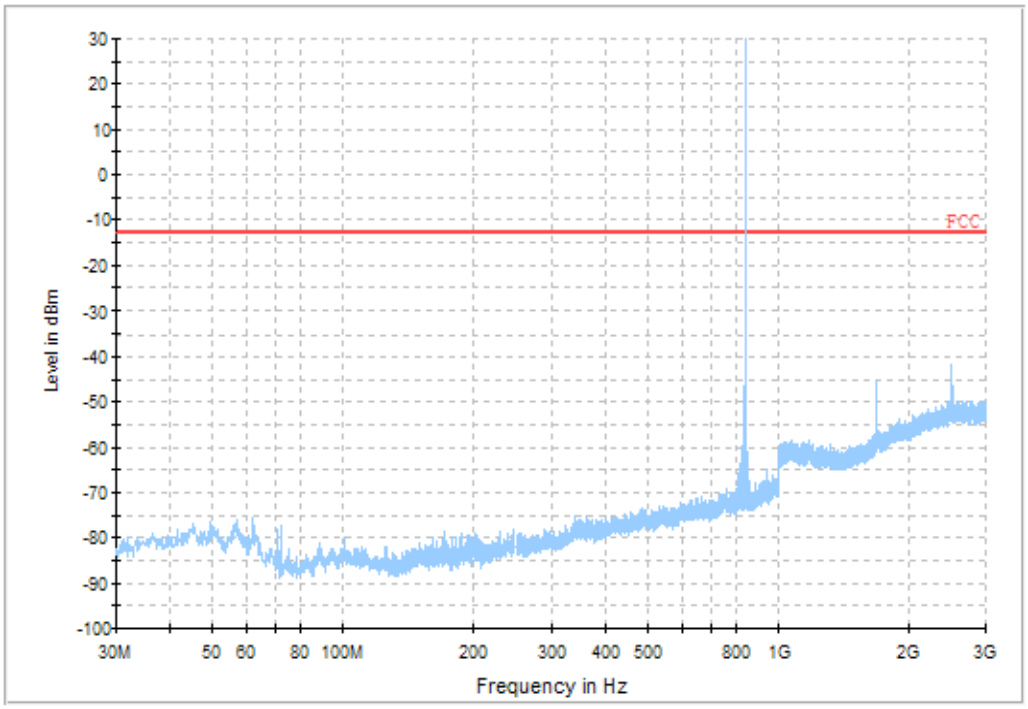
Copy of FCC PART22 GSM850_L



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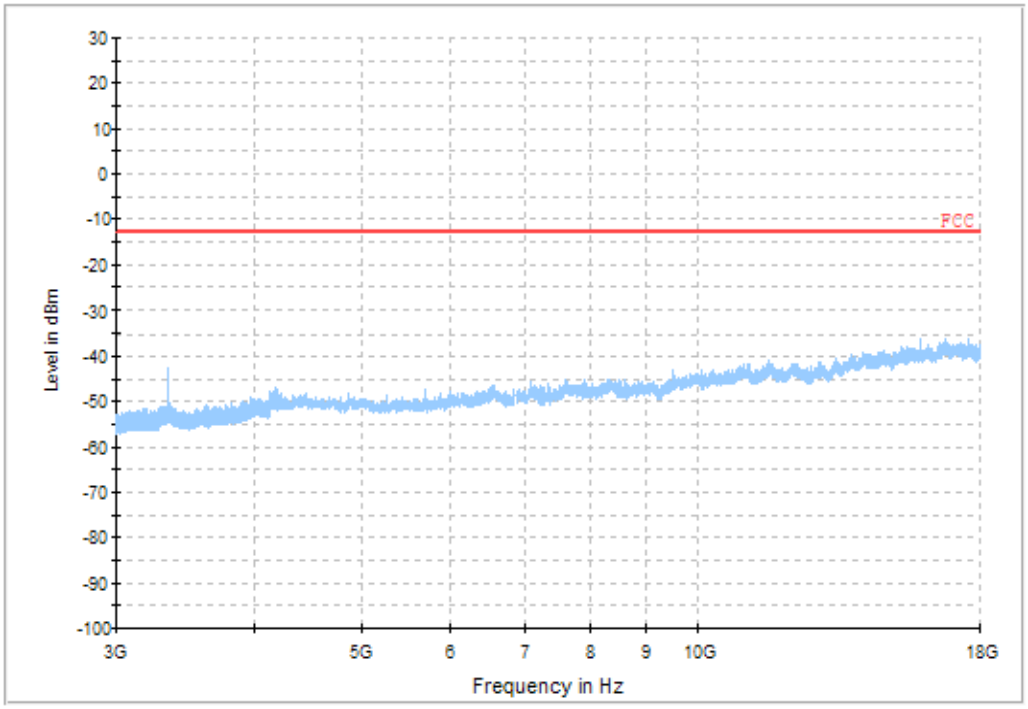

7.1.2 Test Band = GSM1900

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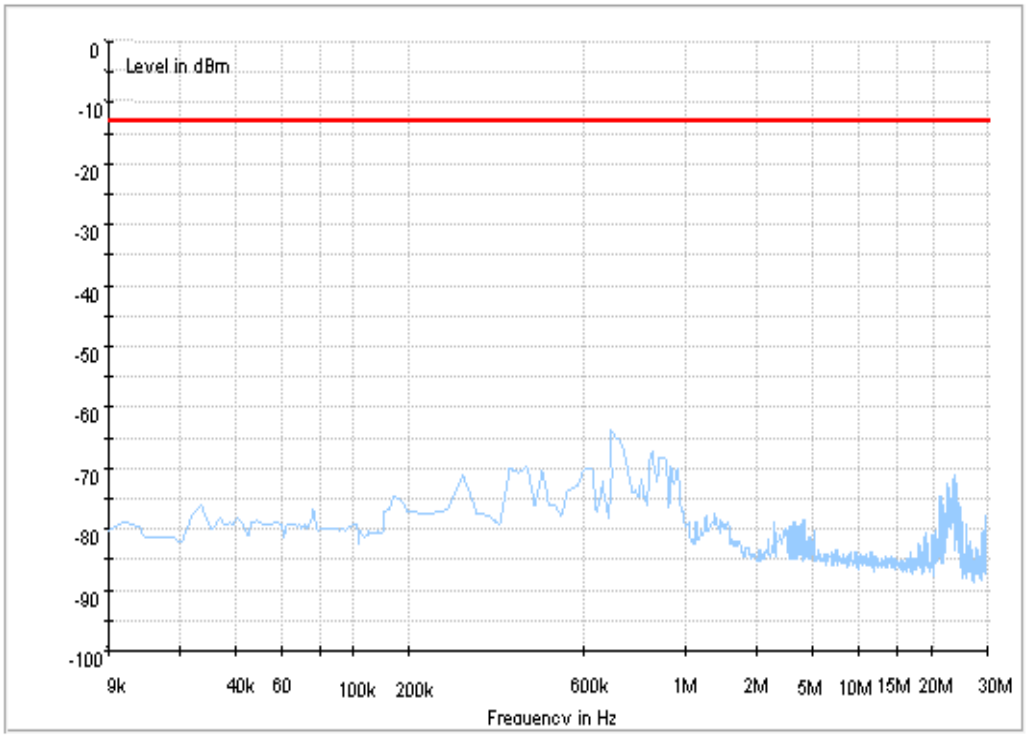
7.1.2.1 Test Mode = GSM/TM1



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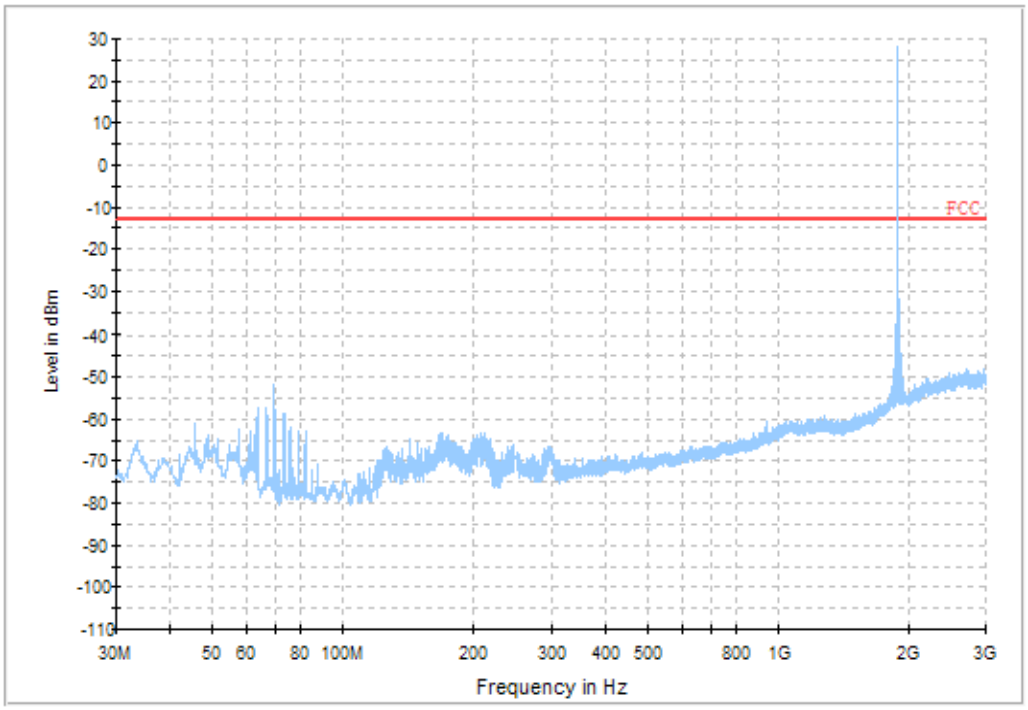

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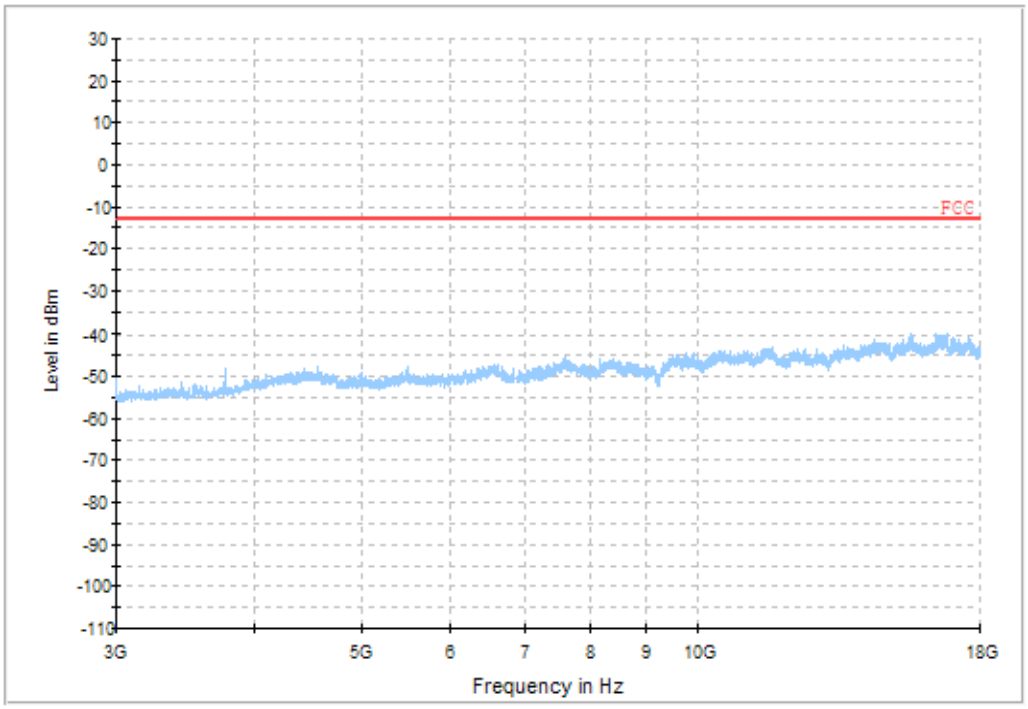

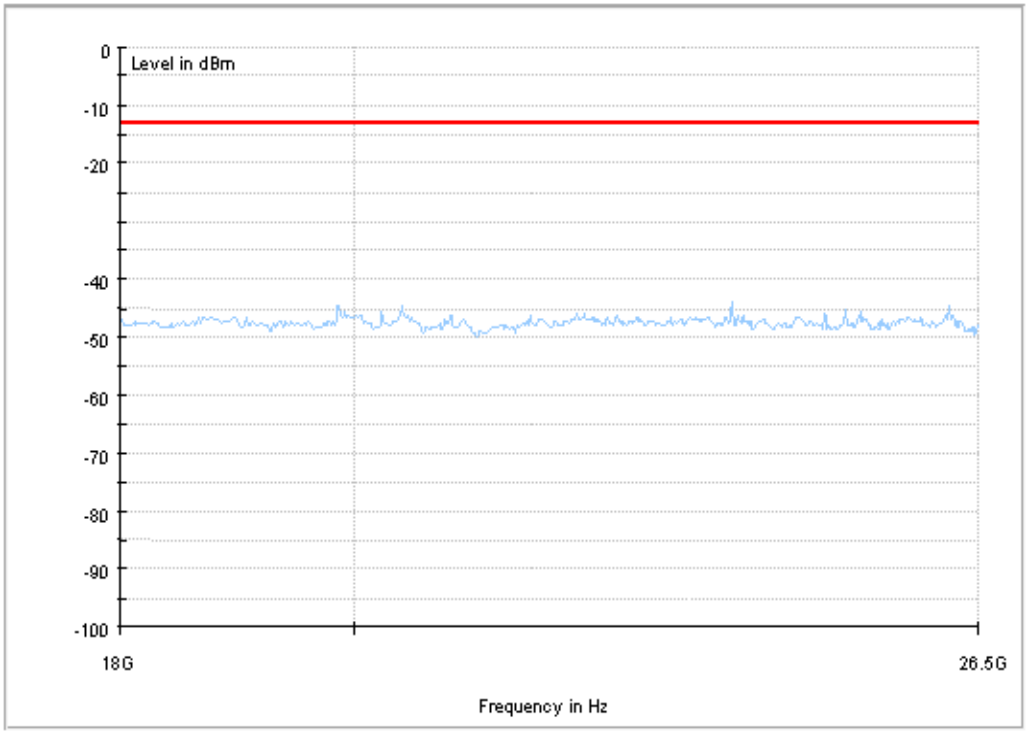

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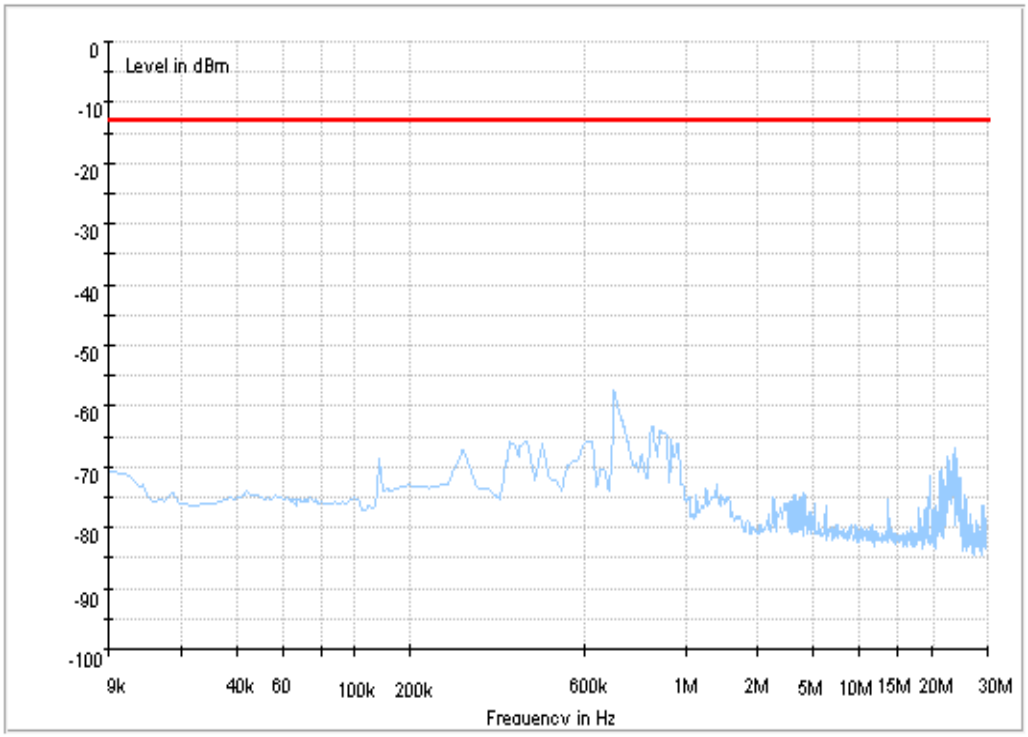
7.1.2.2 Test Mode = GSM/TM2



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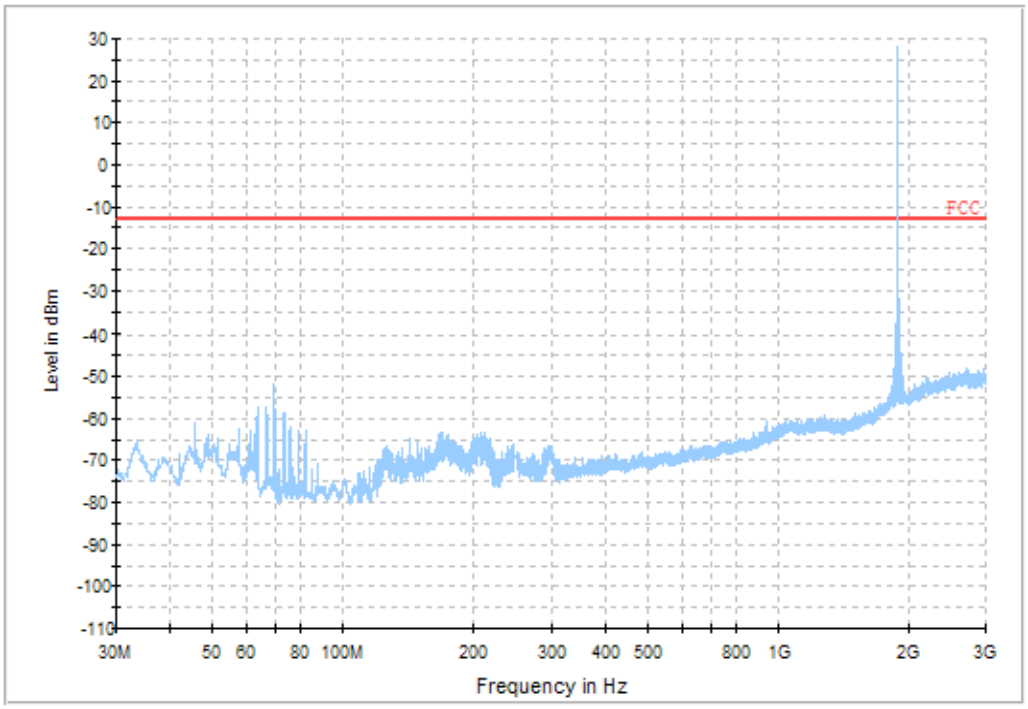

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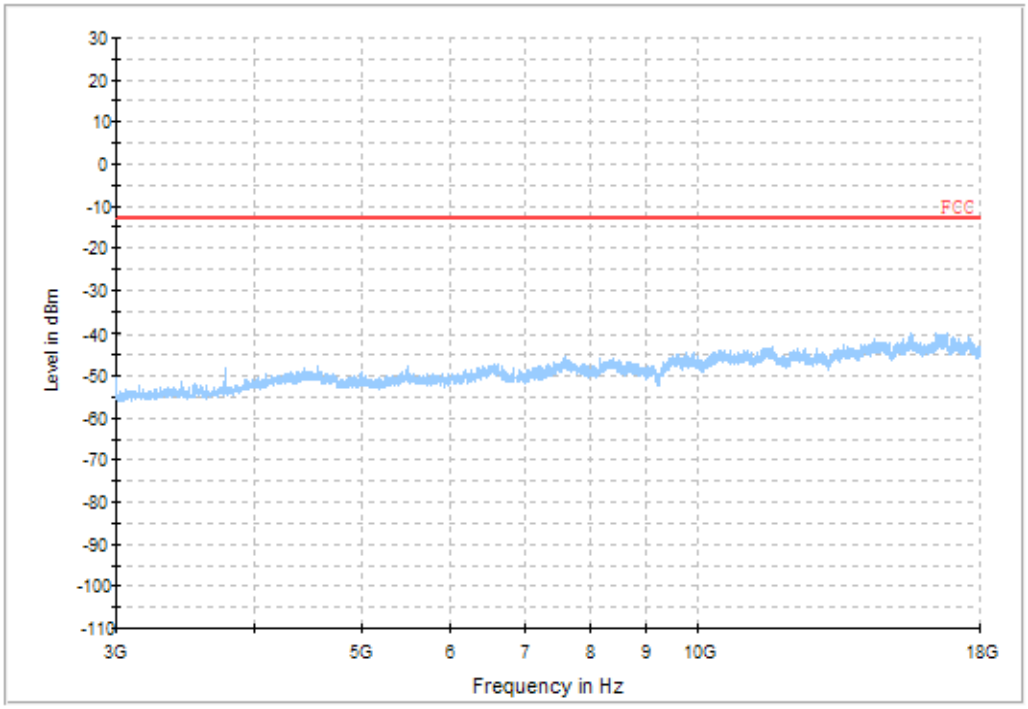

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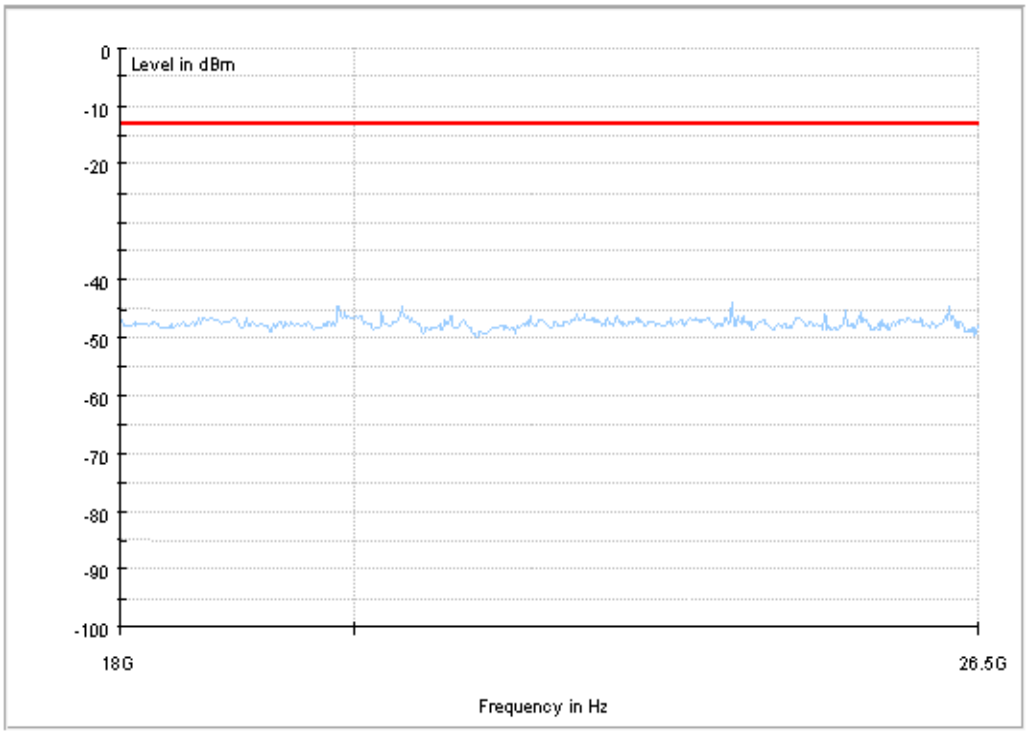

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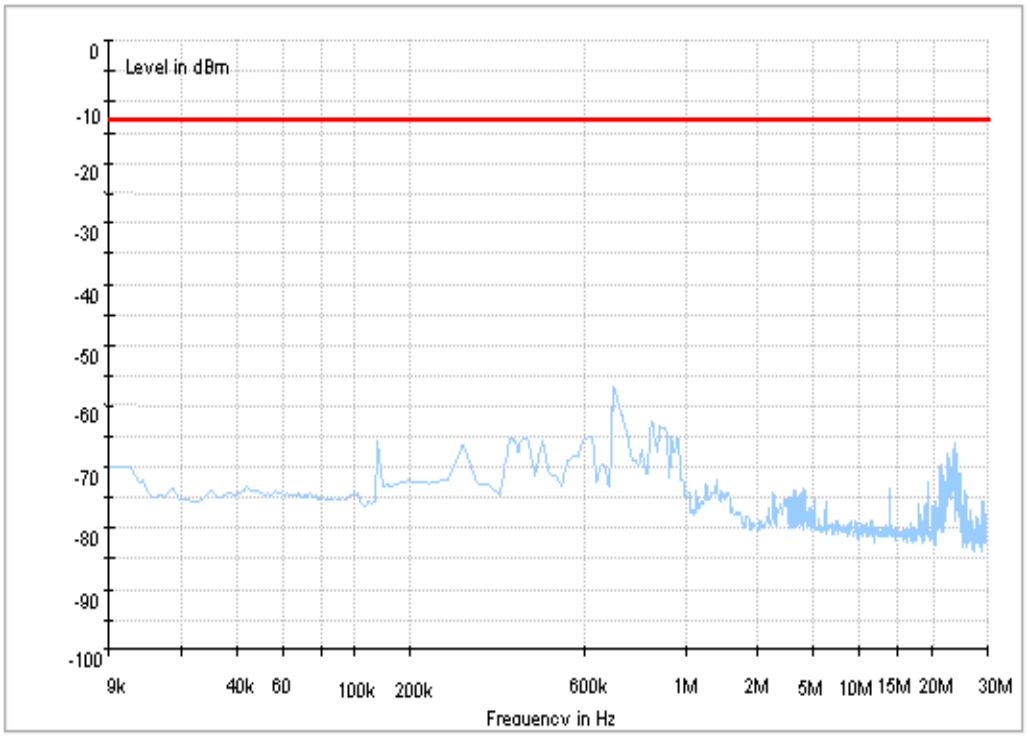
7.2 For UMTS

7.2.1 Test Band = WCDMA850

7.2.1.1 Test Mode = UMTS/TM1



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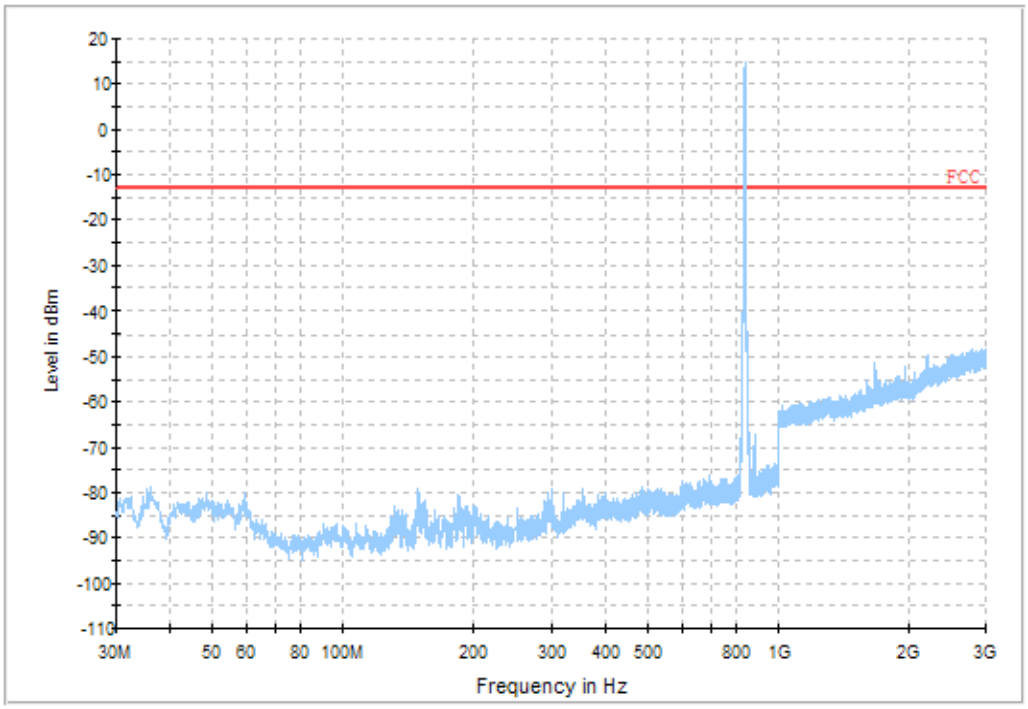
Copy of FCC PART22 WCDMA850_L



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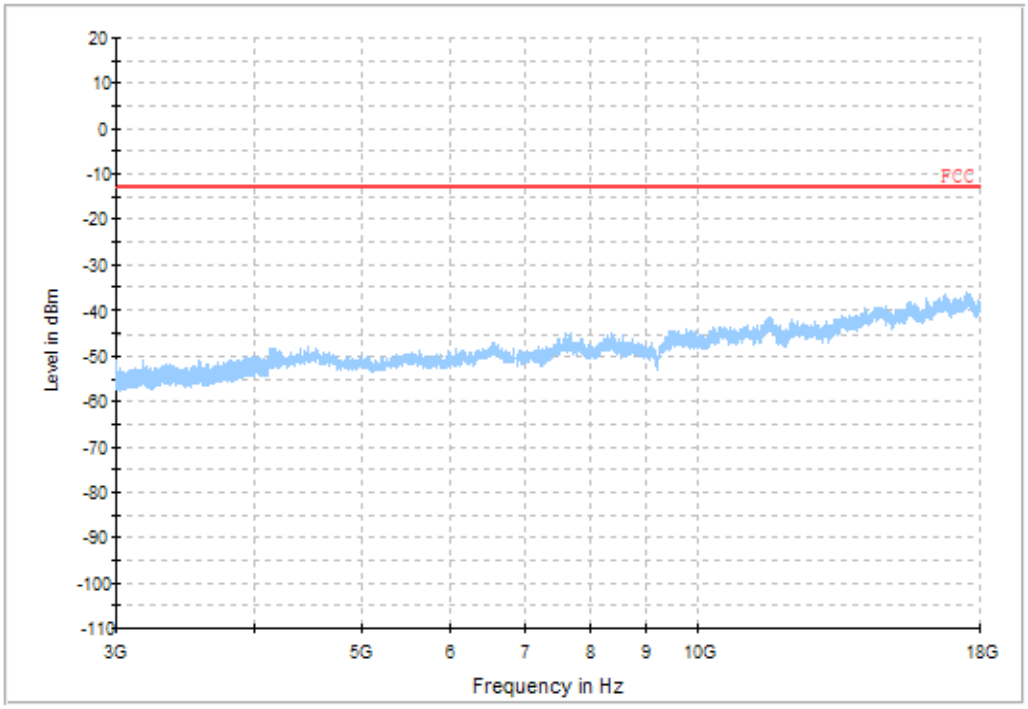

7.2.2 Test Band = WCDMA1900

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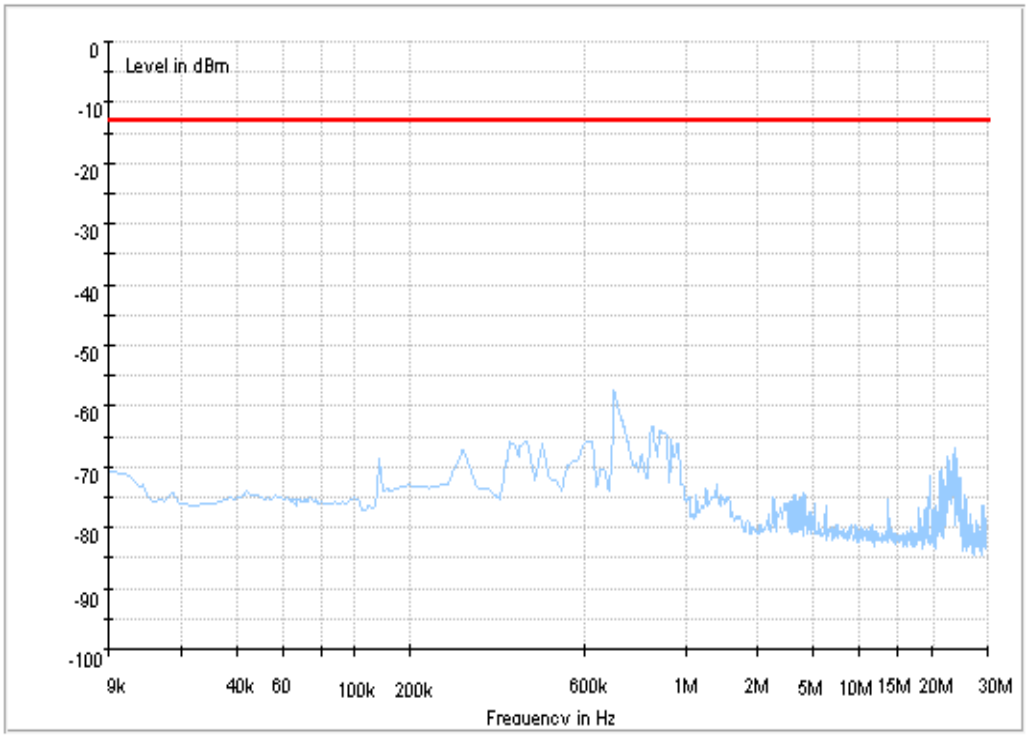
7.2.2.1 Test Mode = UMTS/TM1



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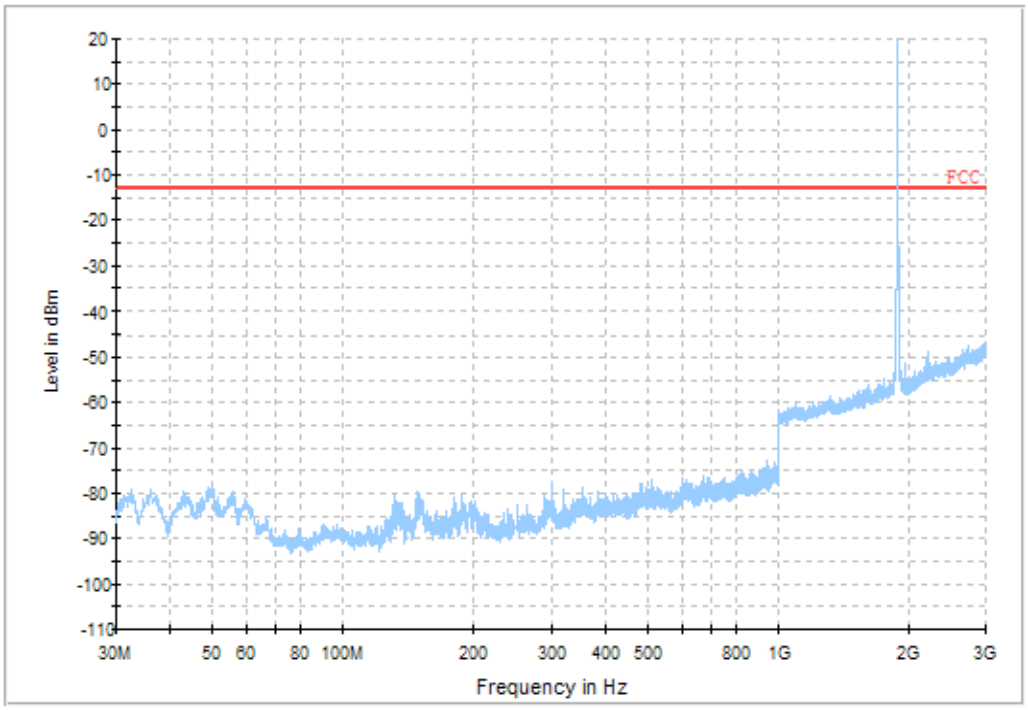

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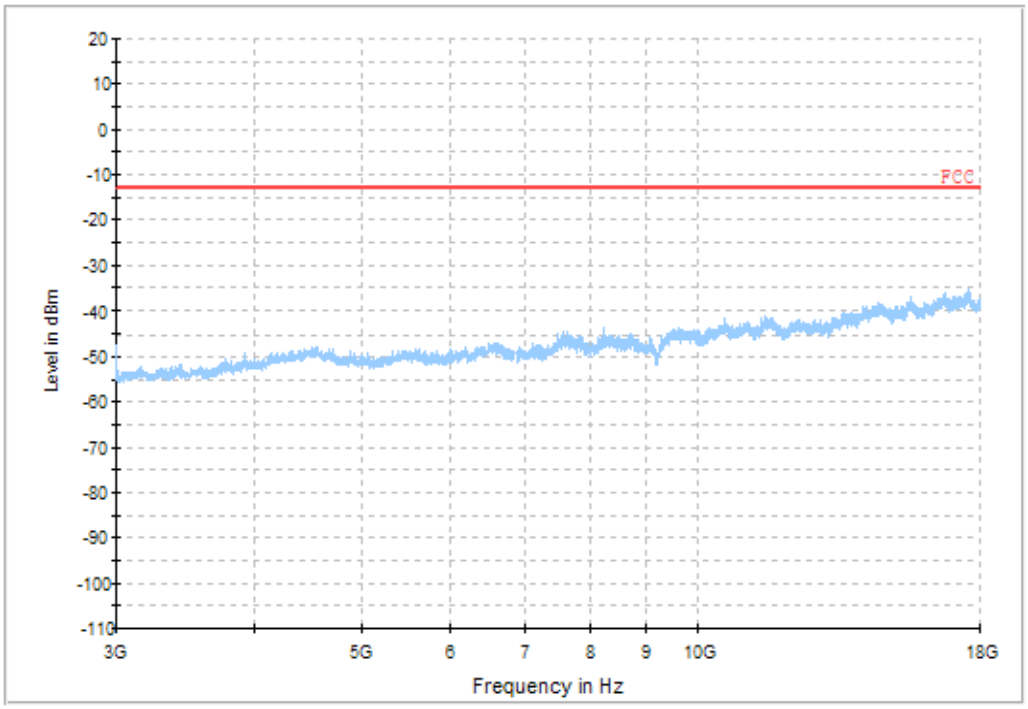

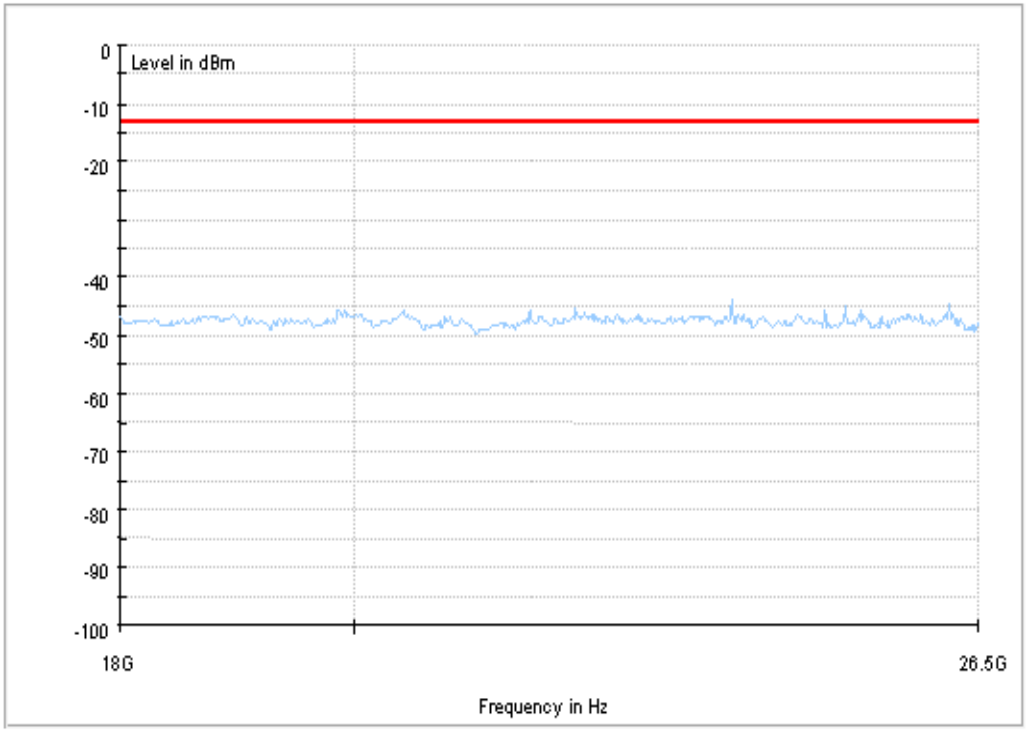

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8Appendix_H: Frequency Stability

(Void)

END

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