Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

void

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

b, SGP=Signal Generator Level

Note2:

SET Span=1.5*OBW

SET RBW=1%of the OBW, not to exceed 1MHz

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

void

3Appendix_C: Modulation Characteristics

Part I - Test Plots

void

4Appendix_D: Bandwidth

Part I - Test Results

void

5Appendix_E: Band Edges Compliance

Part I - Test Plots

void

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

void

7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

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

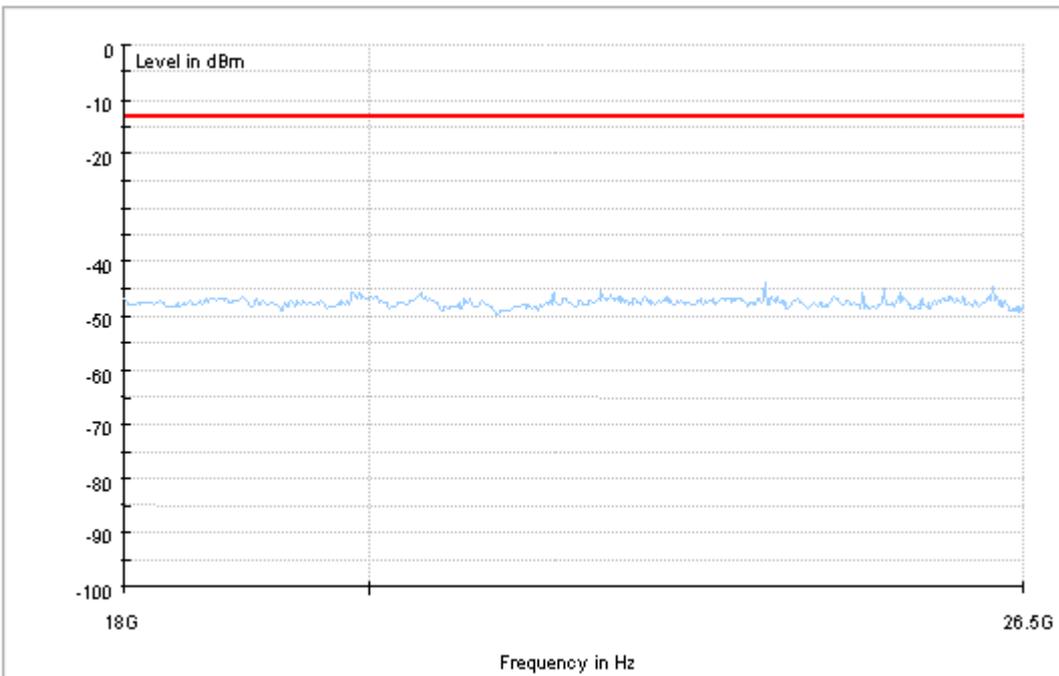**7.1 For UMTS**

7.1.1 Test Band = WCDMA1900_Ant1

7.1.1.1 Test Mode = UMTS/TM1
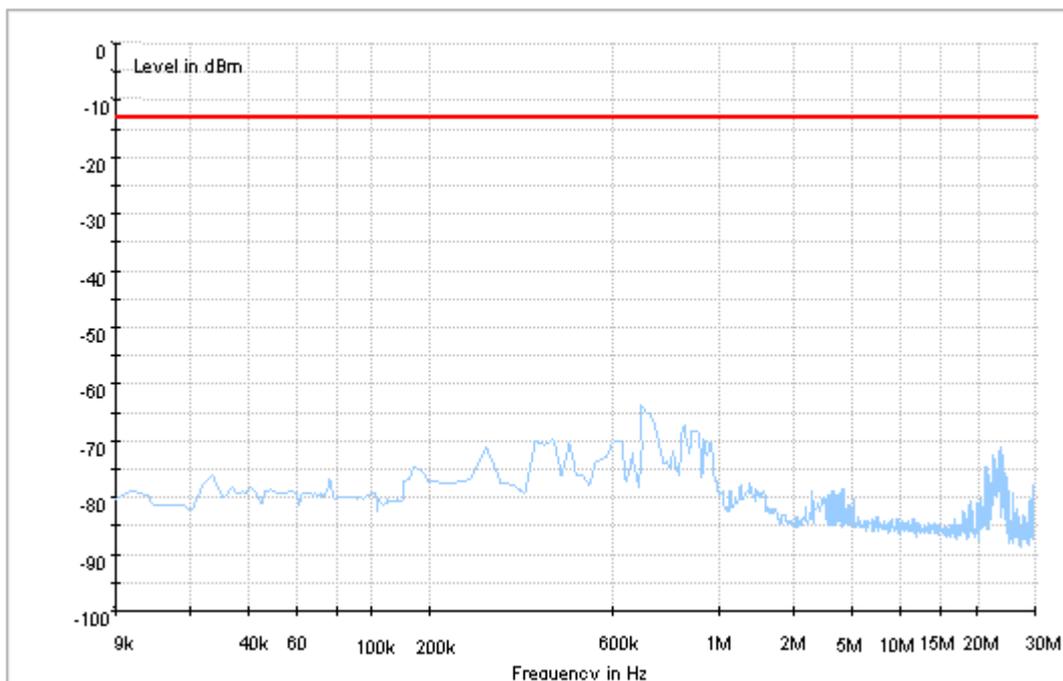
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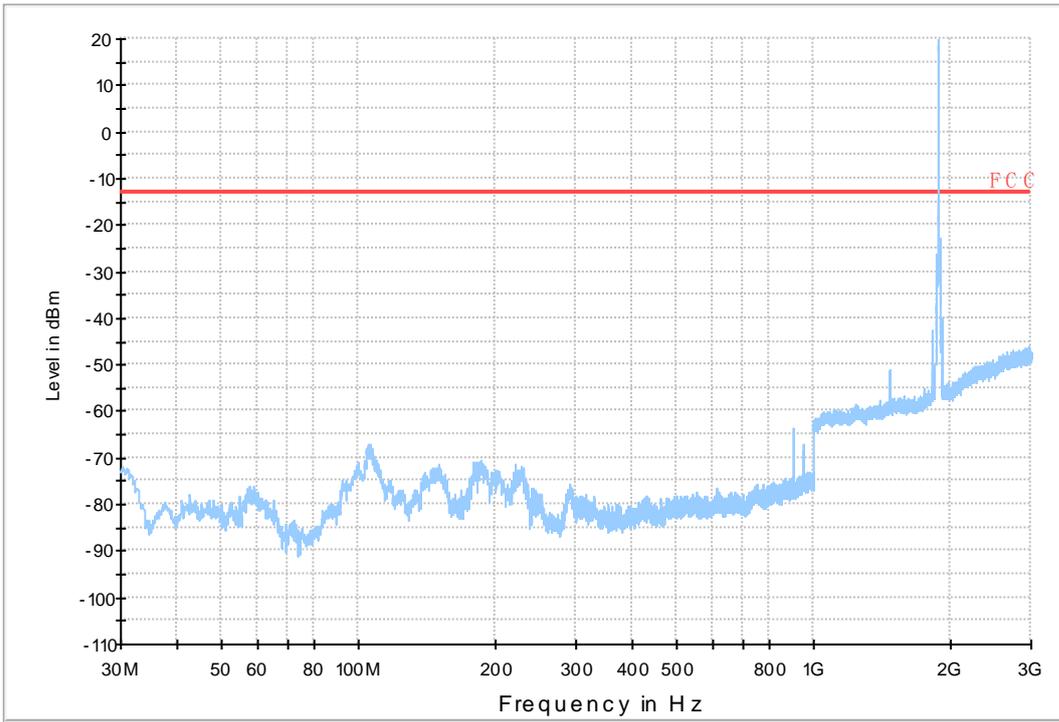
Copy of FCC PART24 WCDMA1900_H
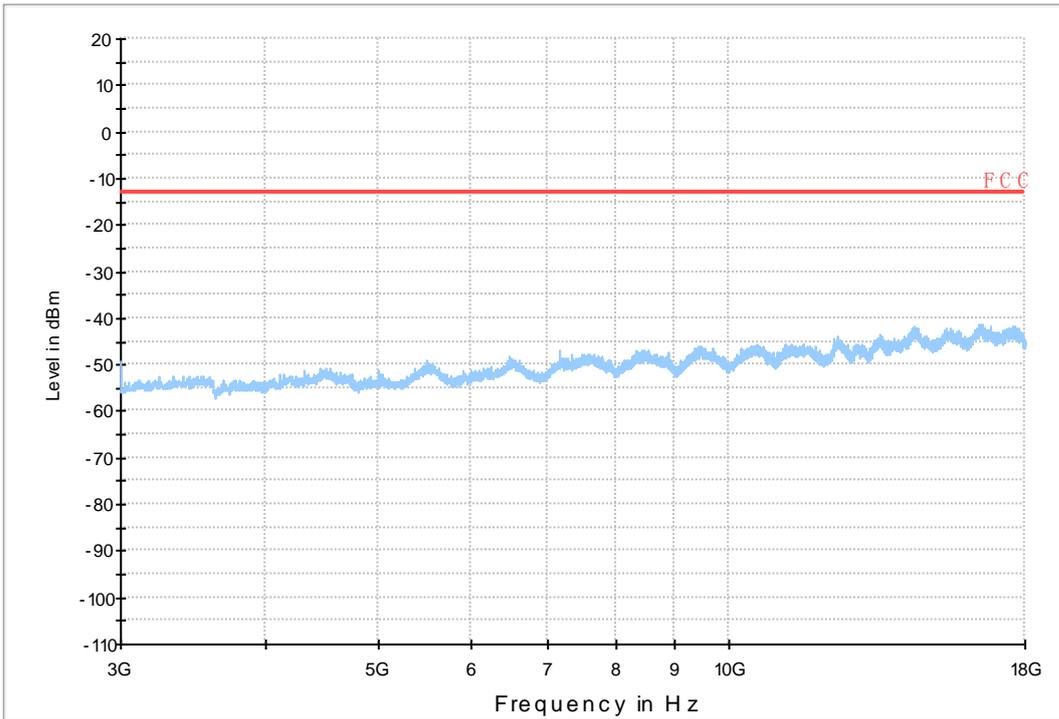
7.1.2 Test Band = WCDMA1900_Ant2

7.1.2.1 Test Mode = UMTS/TM1
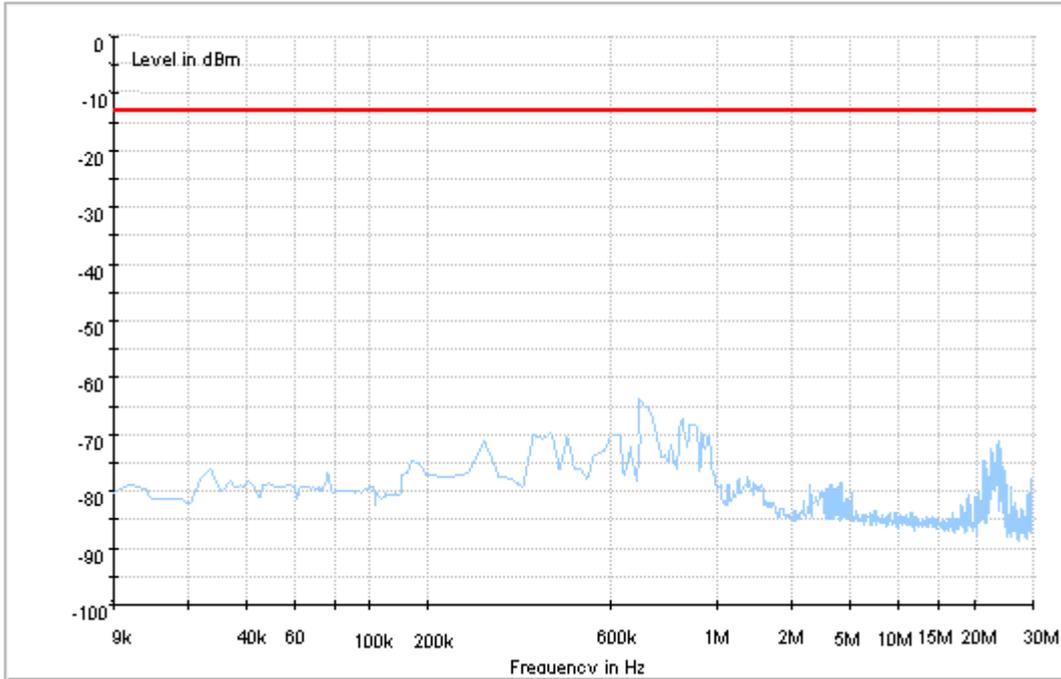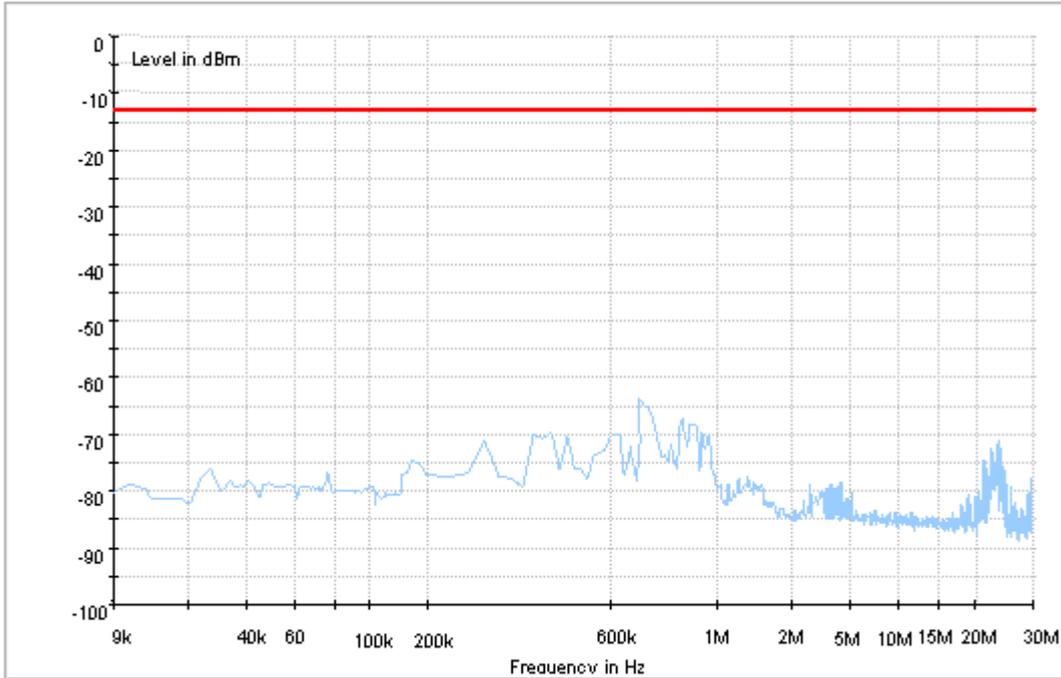

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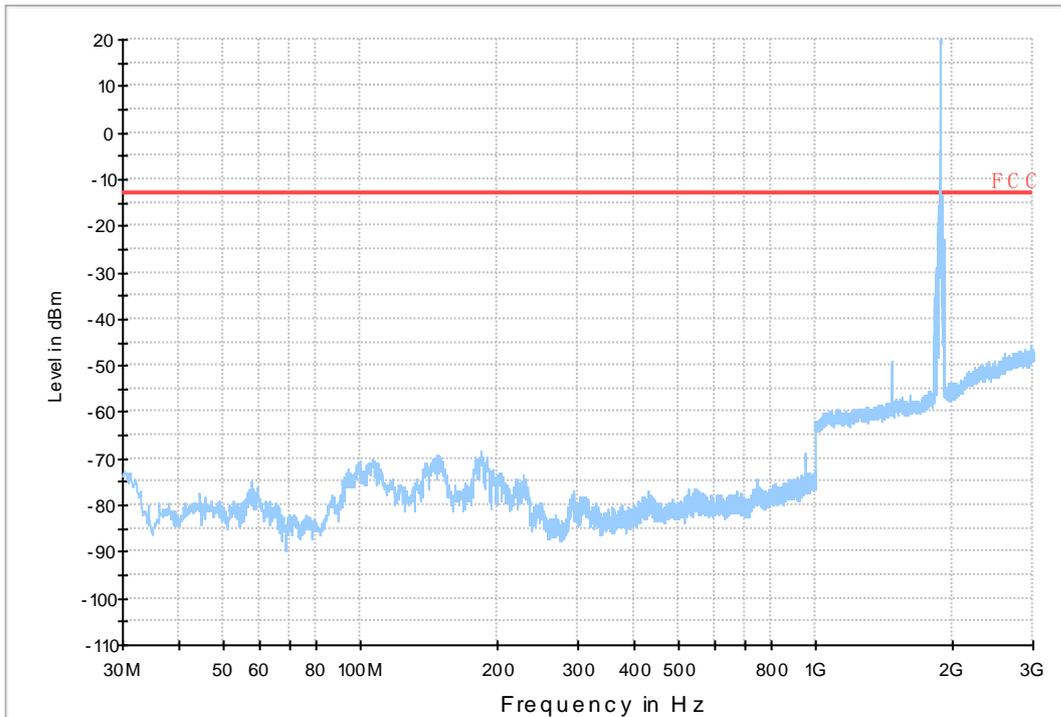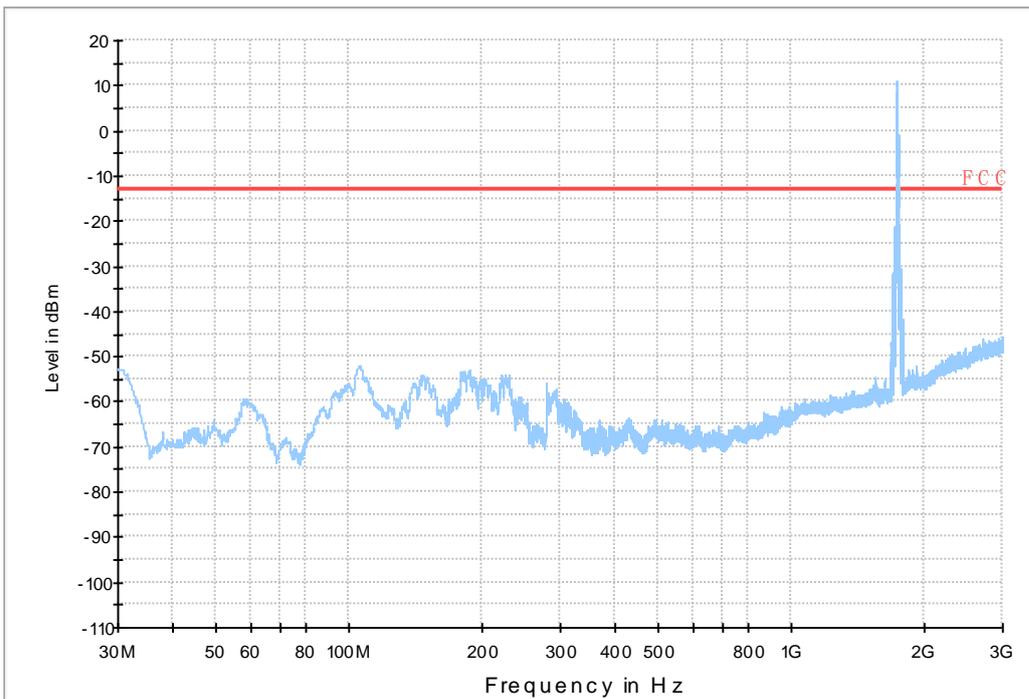
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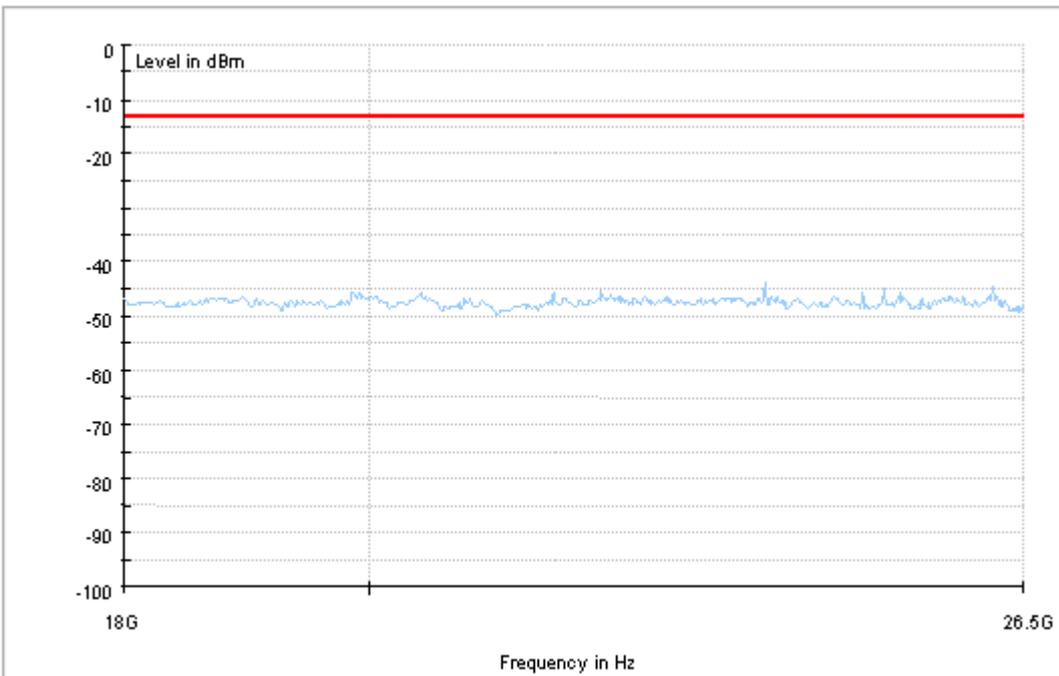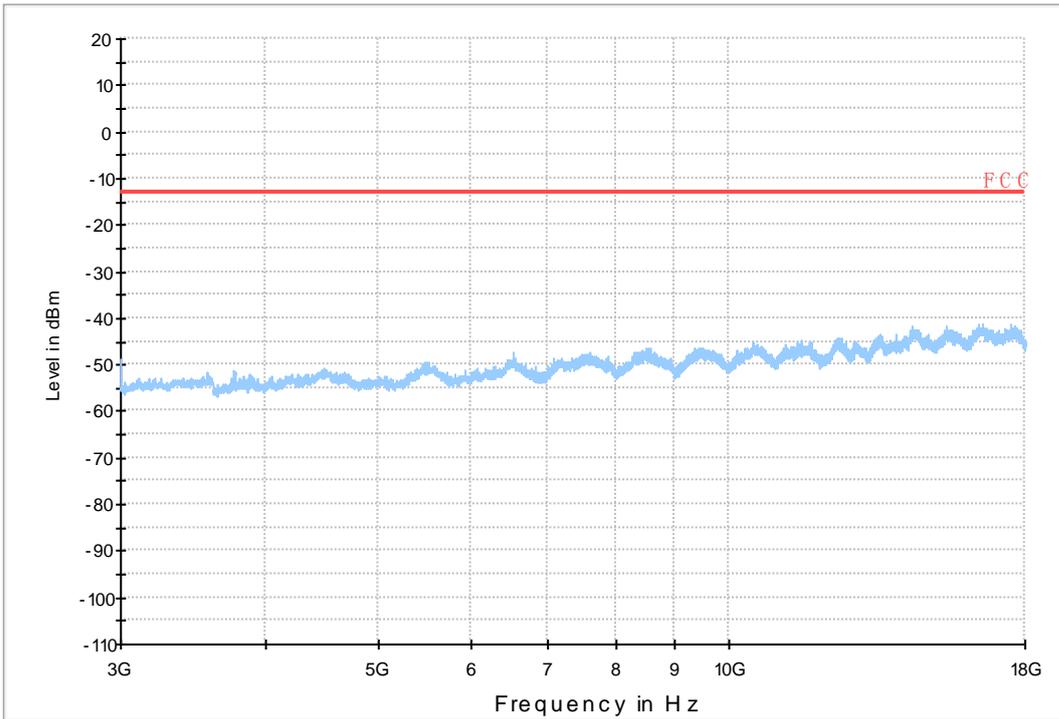
7.2 For UMTS

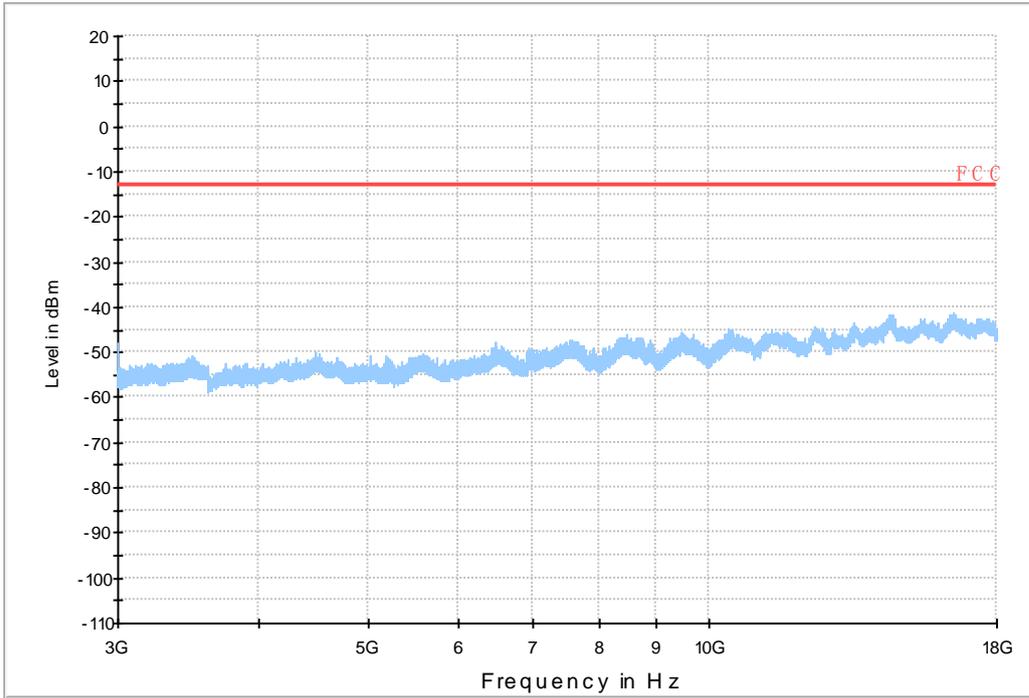### 7.2.1 Test Band = WCDMA1700_Ant1

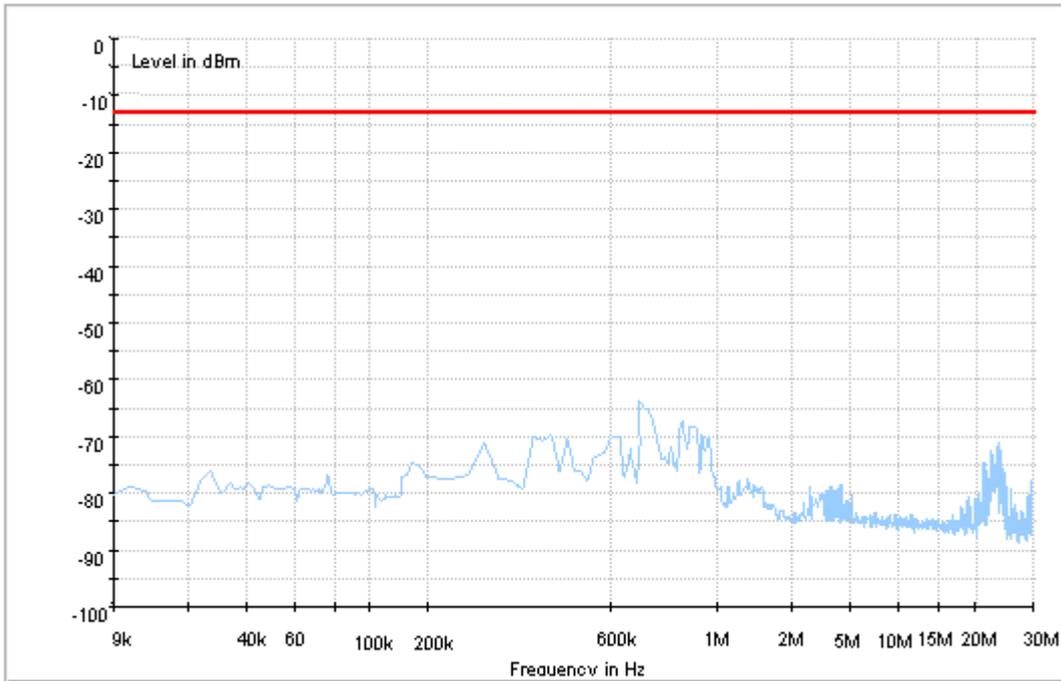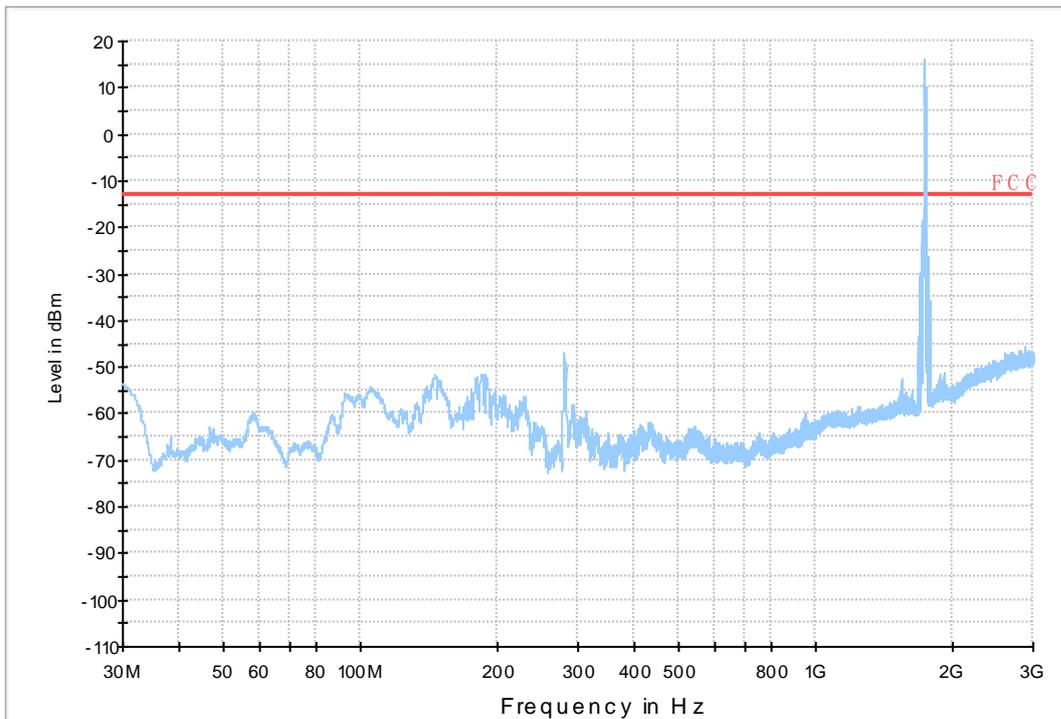#### 7.2.1.1 Test Mode = UMTS/TM1

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Copy of FCC PART27 WCDMA1700_H
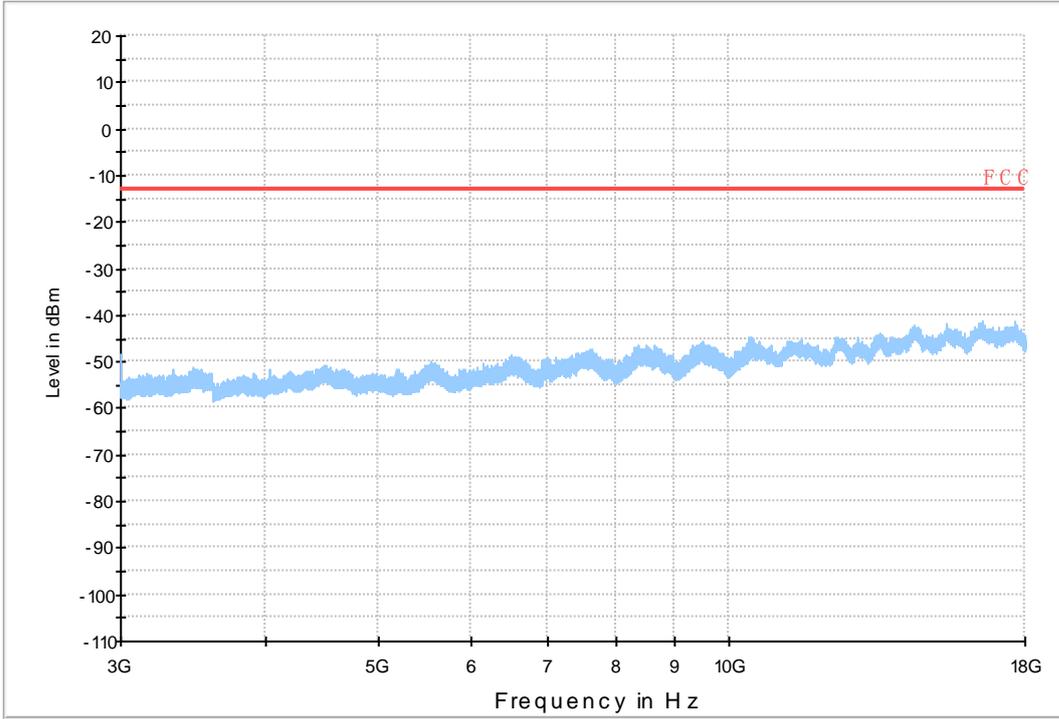
7.2.2 Test Band = WCDMA1700_Ant2

7.2.2.1 Test Mode = UMTS/TM1

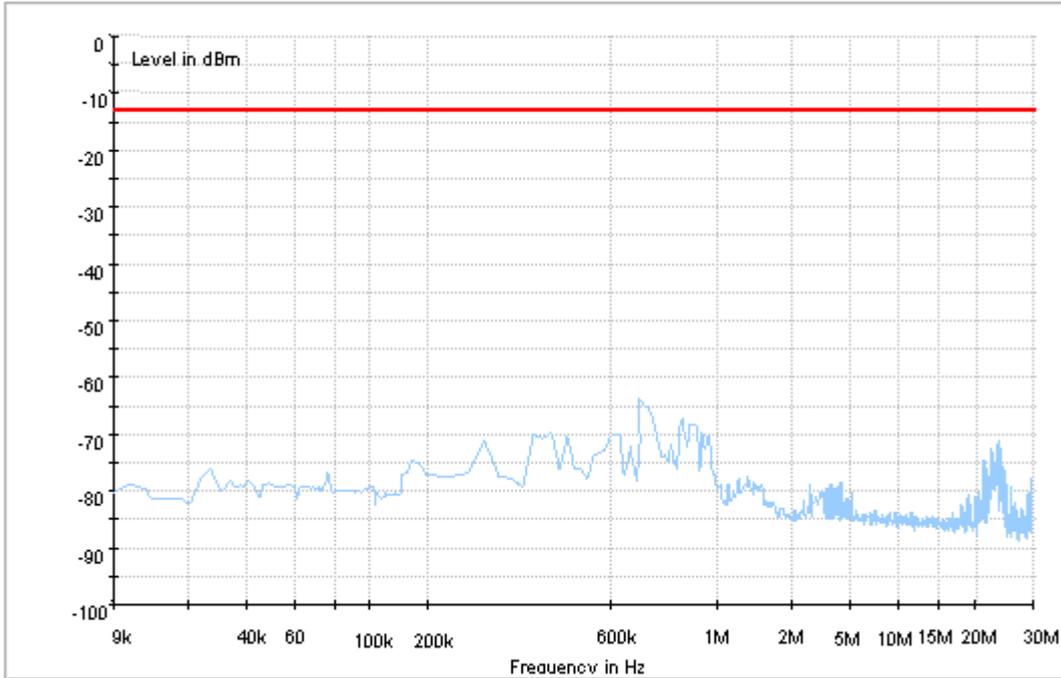Copy of FCC PART27 WCDMA1700_L
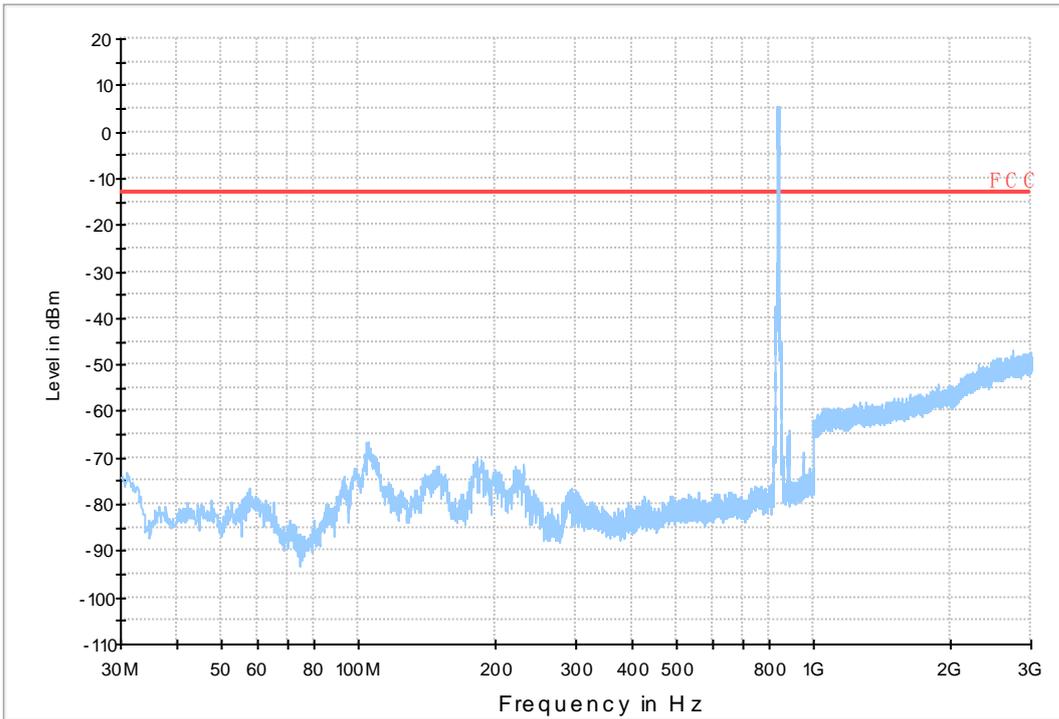
Copy of FCC PART27 WCDMA1700_H

7.3 For UMTS

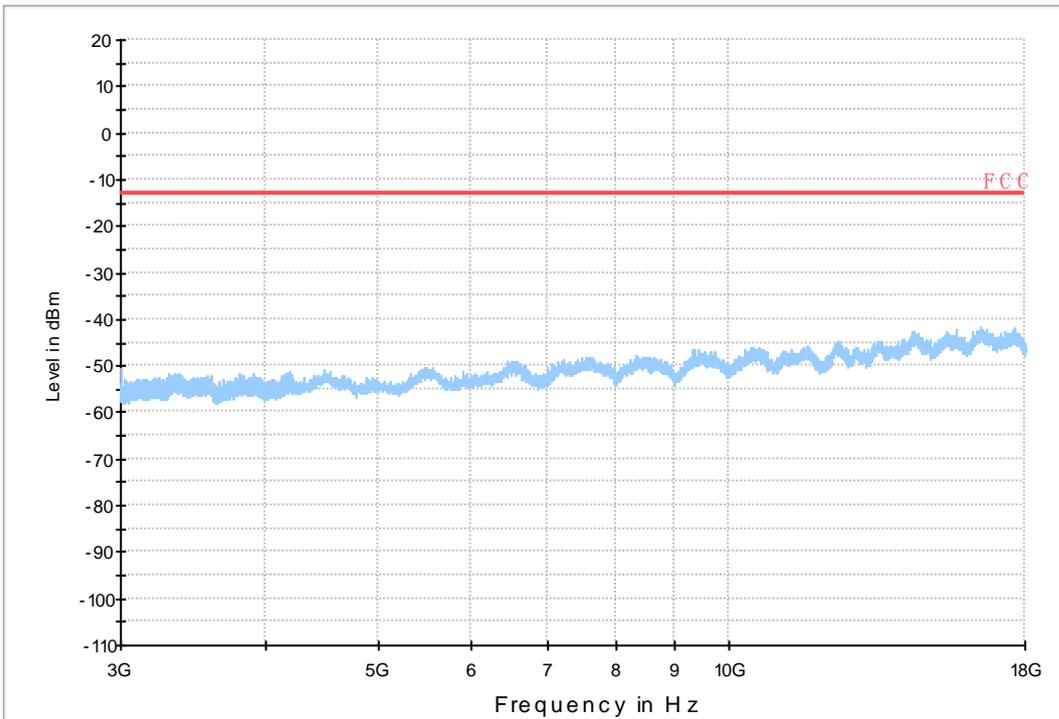### 7.3.1 Test Band = WCDMA850_Ant1

7.3.1.1 Test Mode = UMTS/TM1
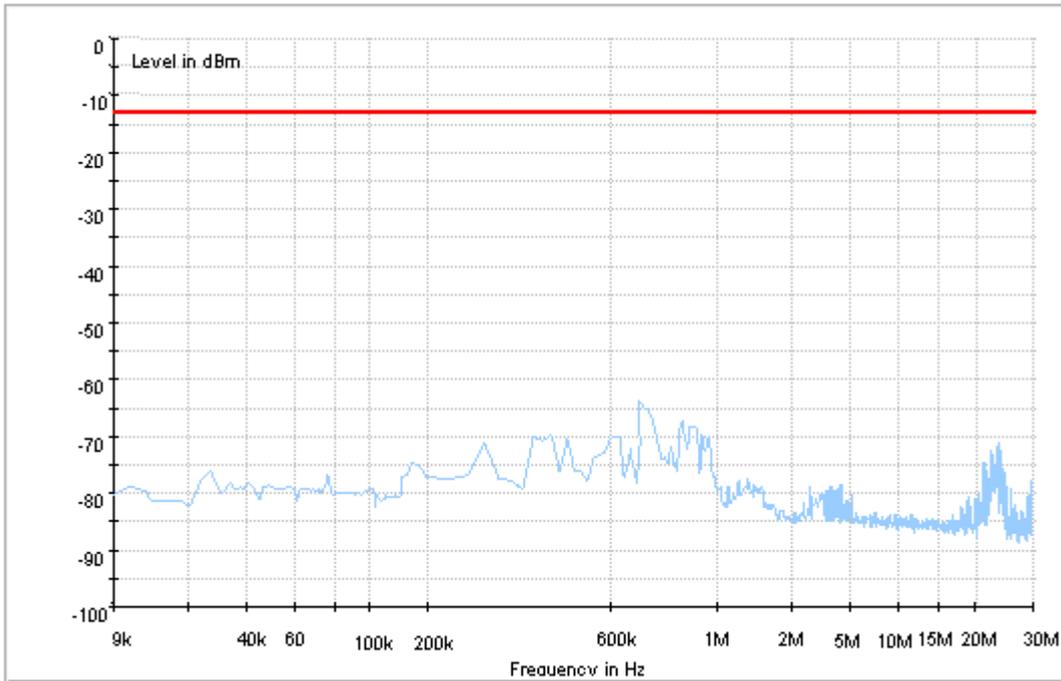
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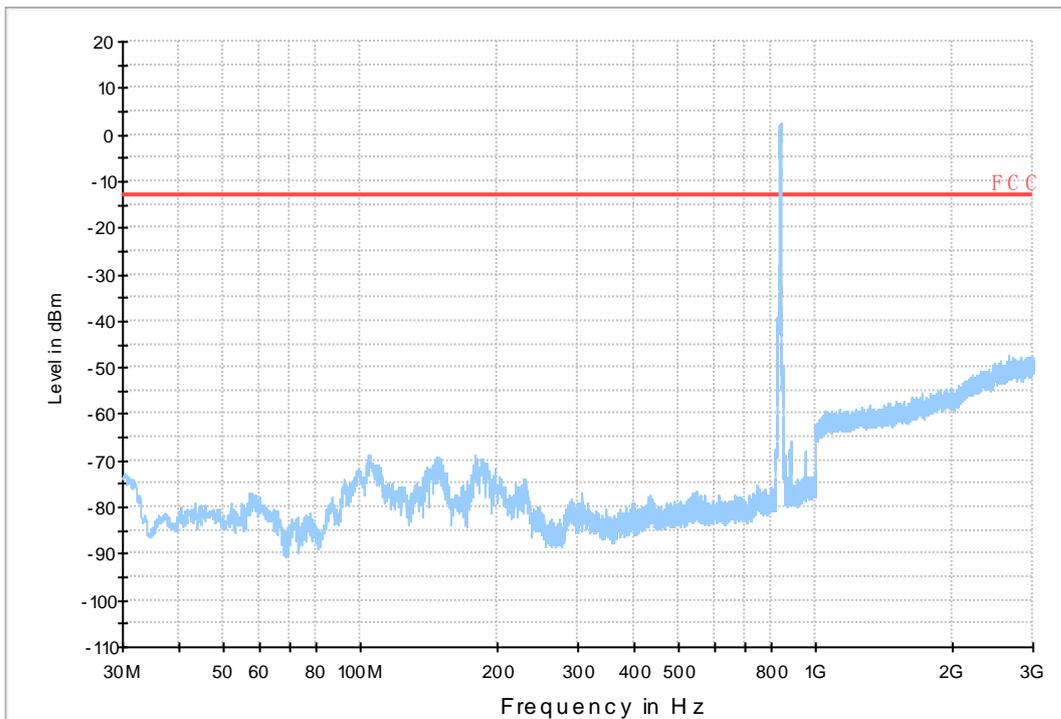

Copy of FCC PART22 WCDMA850_H
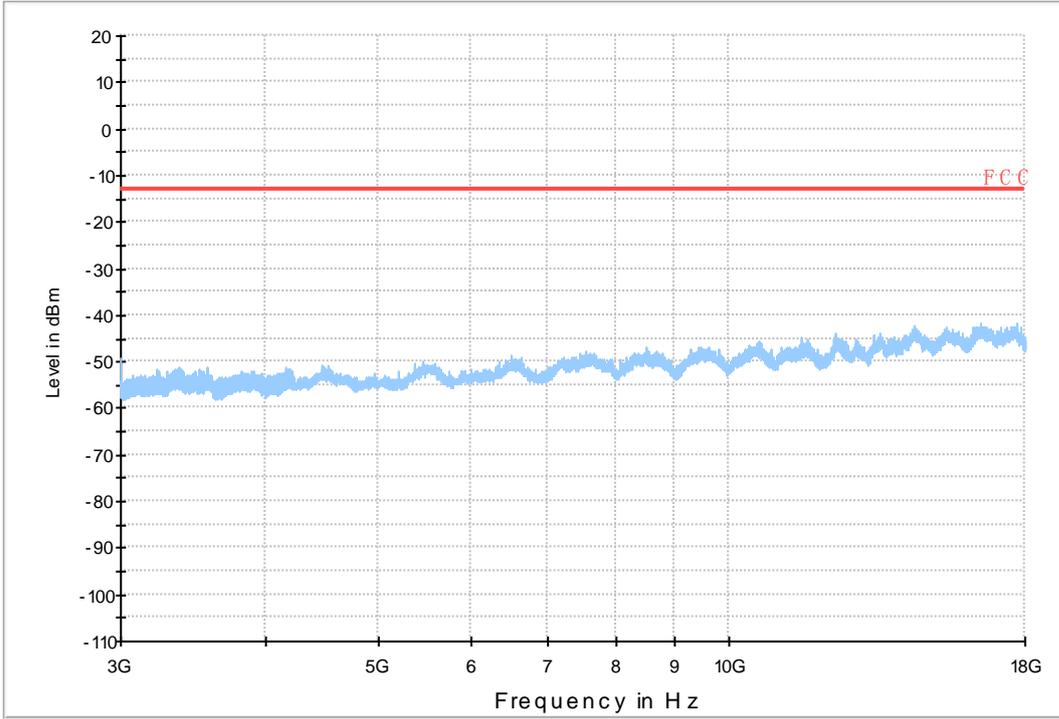
7.3.2 Test Band = WCDMA850_Ant2

7.3.2.1 Test Mode = UMTS/TM1

Copy of FCC PART22 WCDMA850_L

Copy of FCC PART22 WCDMA850_H

8Appendix_H: Frequency Stability

8.1 For UMTS

void

END