

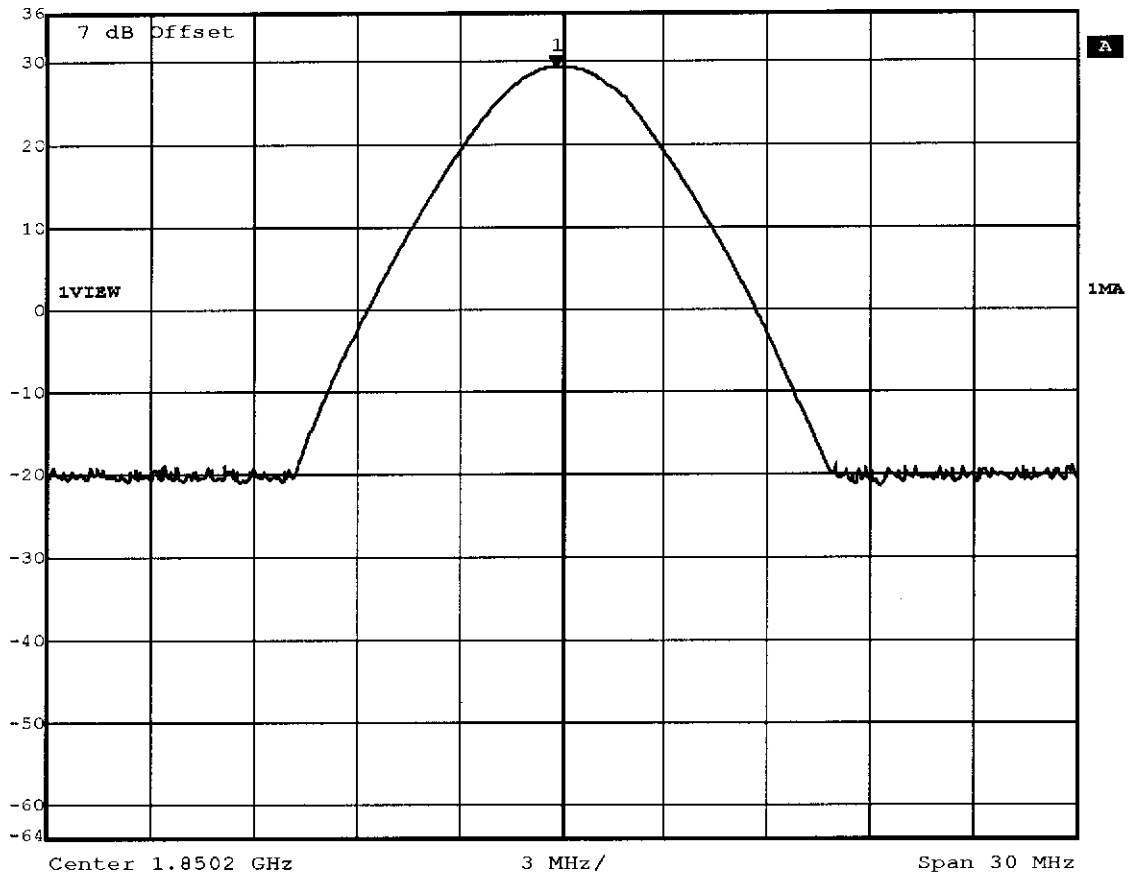


## Appendix B

RF Power Output



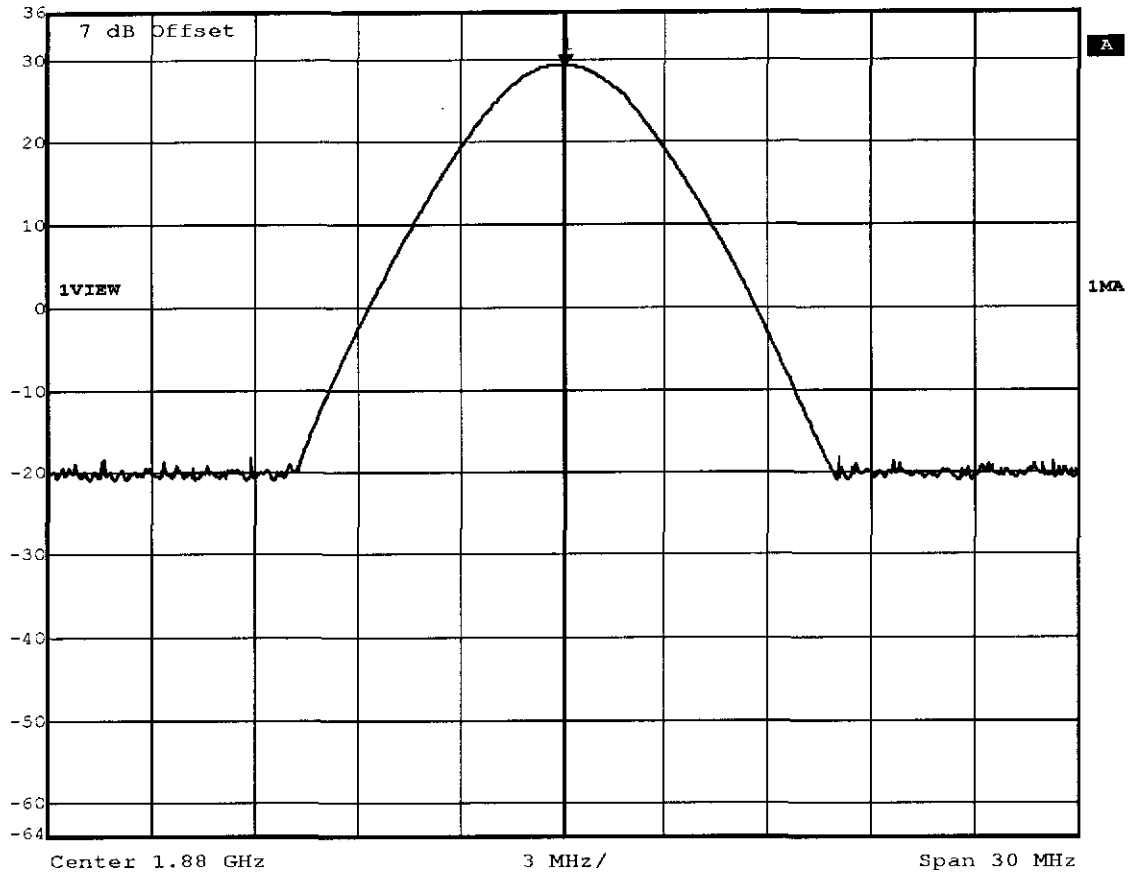
Marker 1 [T1]      RBW    3 MHz    RF Att    50 dB  
Ref Lvl                    29.20 dBm    VBW    3 MHz  
36 dBm                    1.85004970 GHz    SWT    5 ms    Unit            dBm



Title:            Output power conducted / Channel: 512  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date:            8.FEB.2005 10:01:45



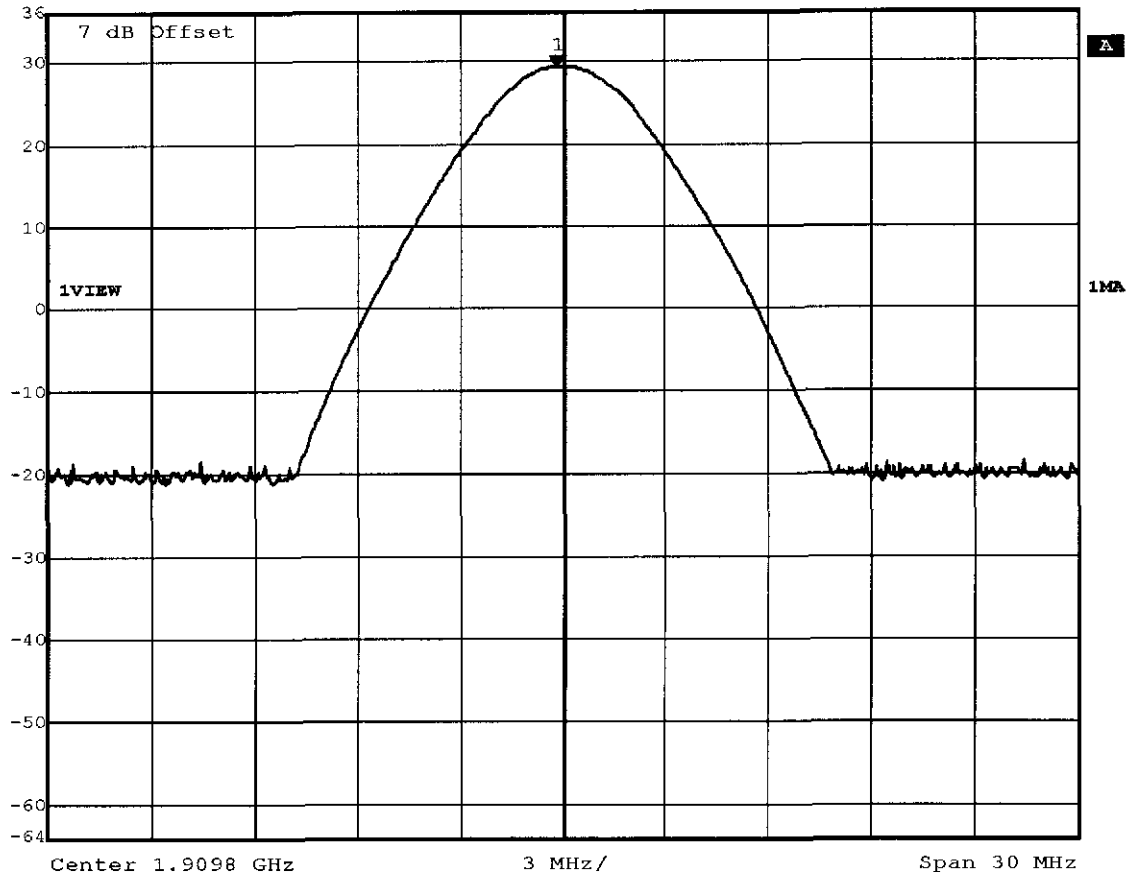
Marker 1 [T1] RBW 3 MHz RF Att 50 dB  
Ref Lvl 29.18 dBm VBW 3 MHz  
36 dBm 1.88009018 GHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 661  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 10:02:49



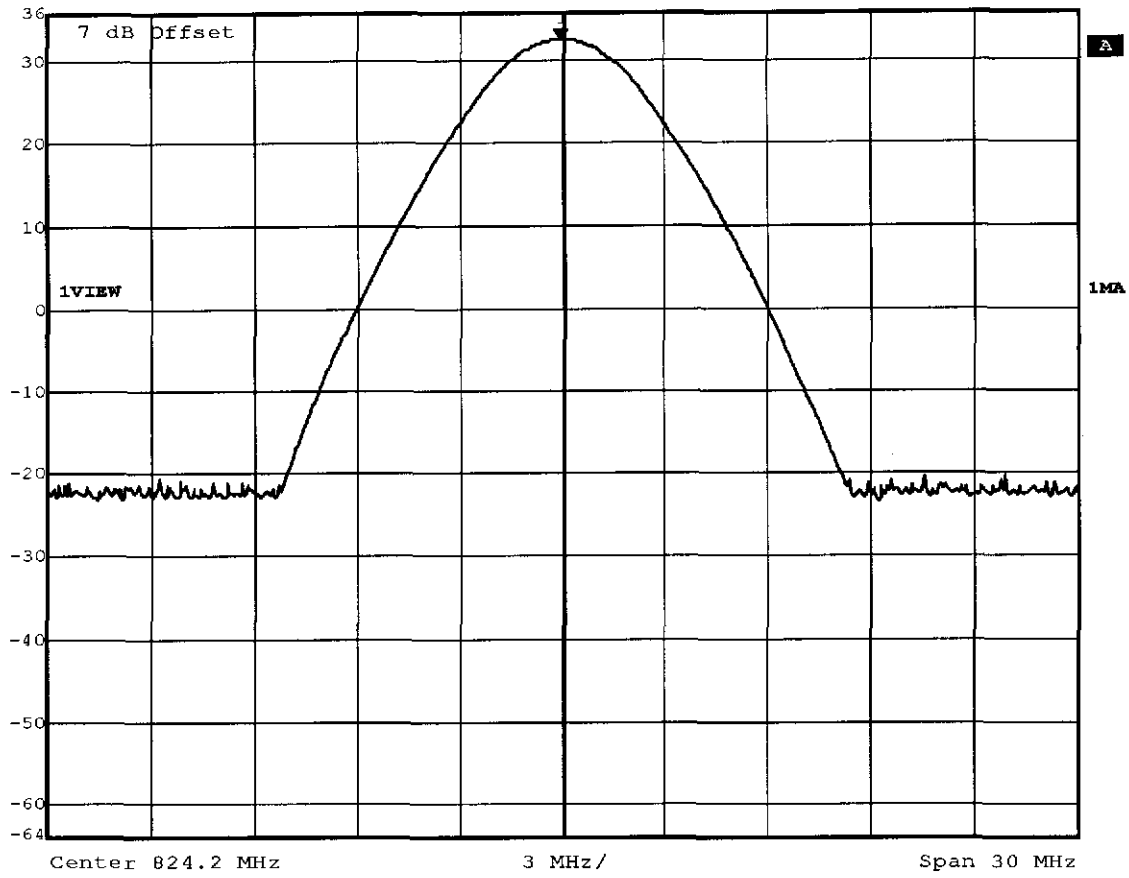
Marker 1 [T1] RBW 3 MHz RF Att 50 dB  
Ref Lvl 29.18 dBm VBW 3 MHz  
36 dBm 1.90964970 GHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 810  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 10:03:47



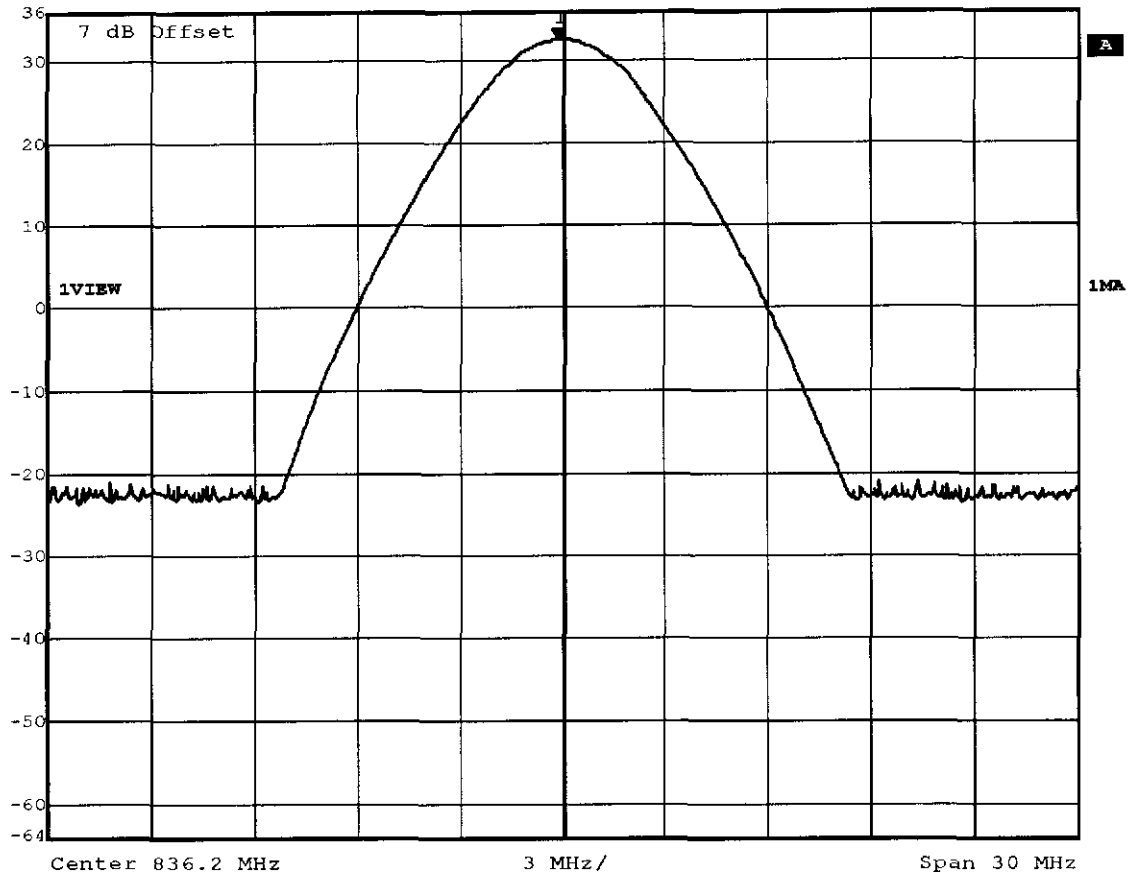
Marker 1 [T1] RBW 3 MHz RF Att 50 dB  
Ref Lvl 32.40 dBm VBW 3 MHz  
36 dBm 824.16993988 MHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 128  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 11:03:08



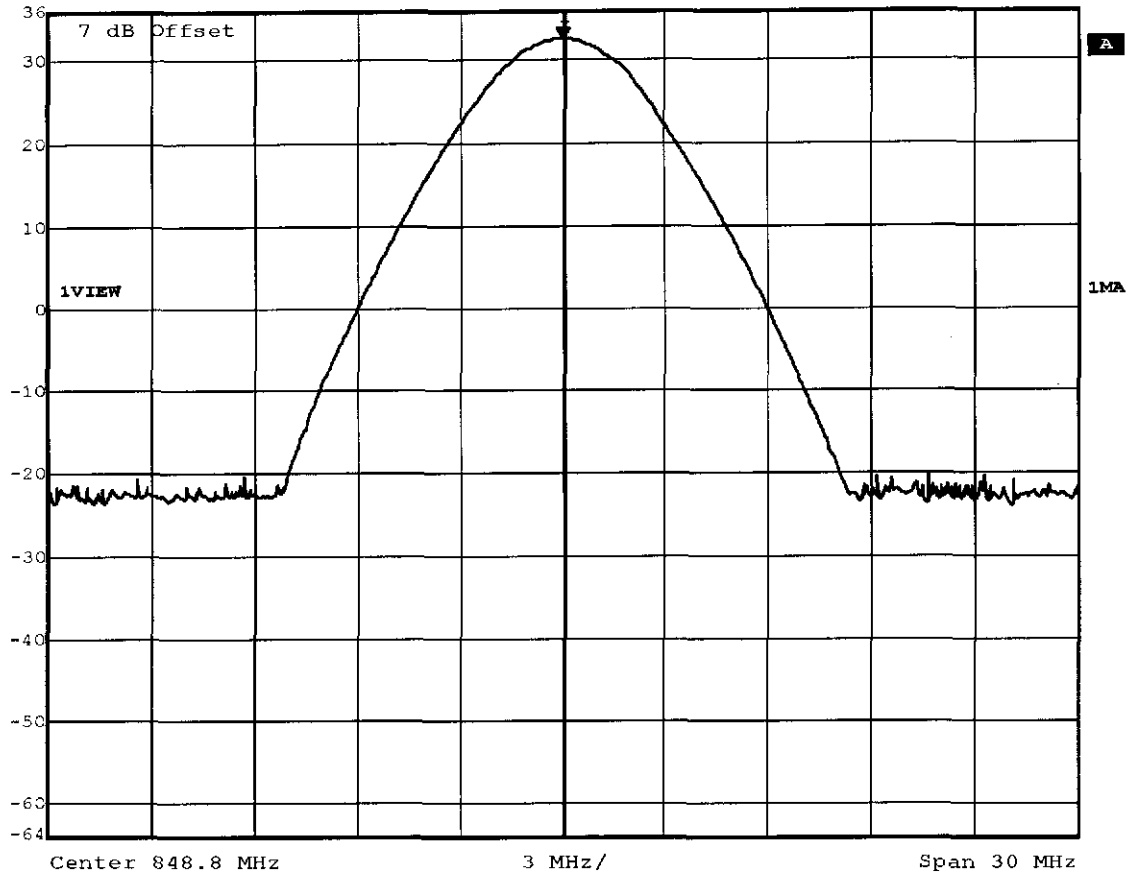
Marker 1 [T1] RBW 3 MHz RF Att 50 dB  
Ref Lvl 32.33 dBm VBW 3 MHz  
36 dBm 836.10981964 MHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 188  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 11:03:59



Marker 1 [T1] RBW 3 MHz RF Att 50 dB  
Ref Lvl 32.33 dBm VBW 3 MHz  
36 dBm 848.83006012 MHz SWT 5 ms Unit dBm



Title: Output power conducted / Channel: 251  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 11:04:53



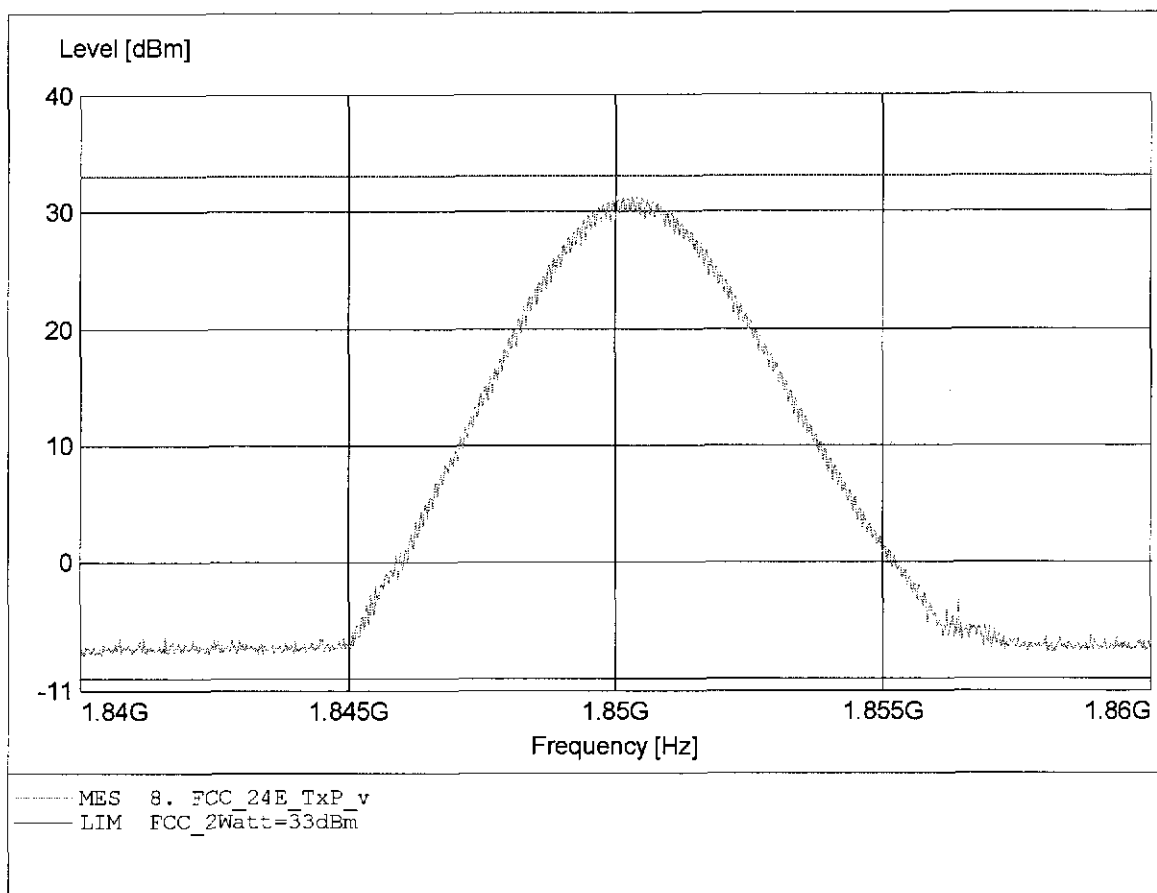
## Appendix C

ERP, EIRP



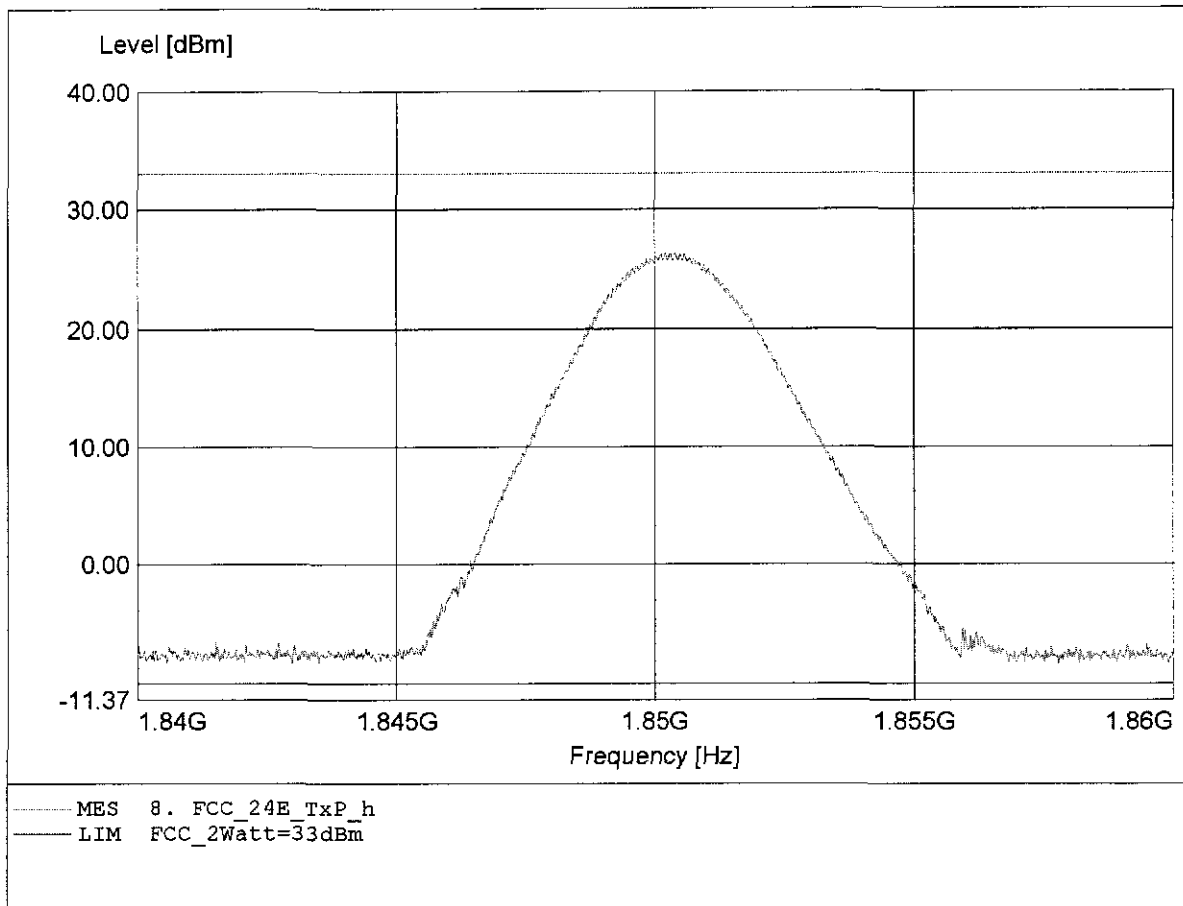
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 31.19dBm, RBW: 3MHz



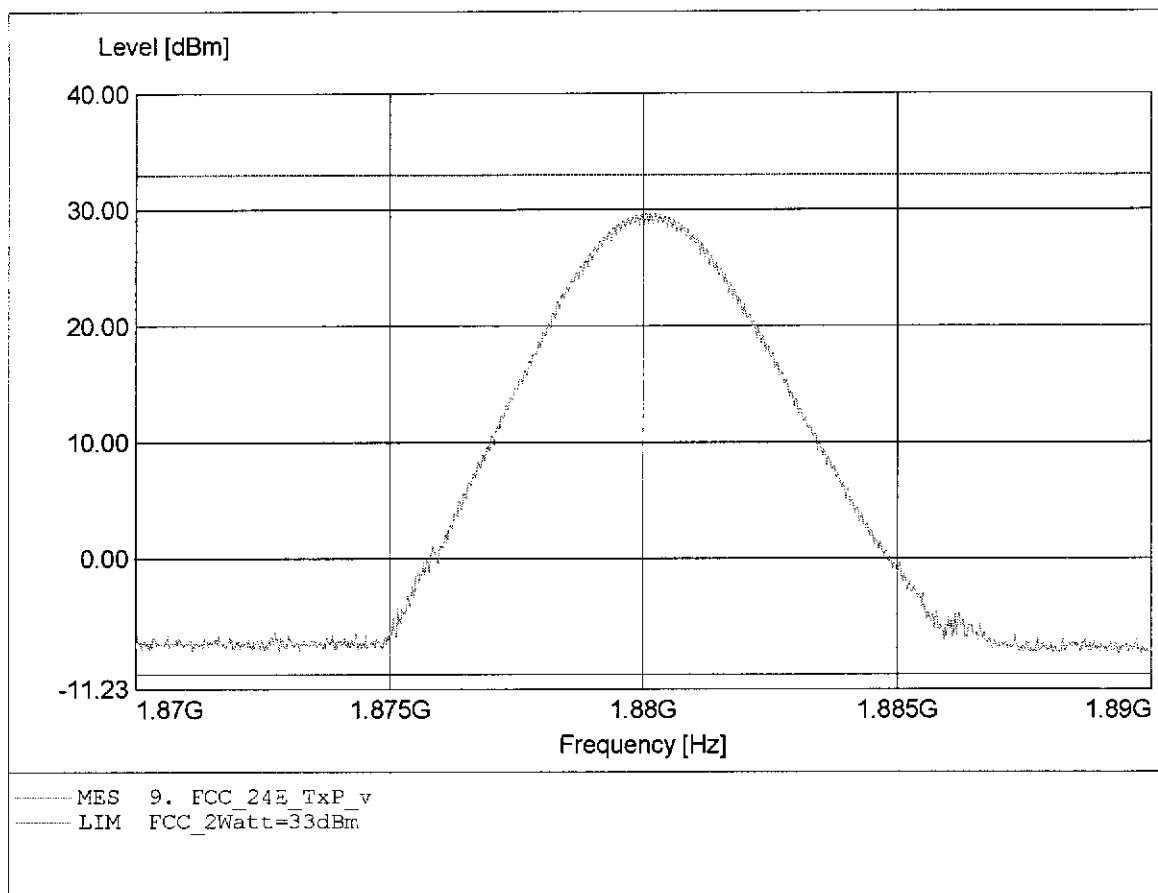
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 26.35dBm, RBW: 3MHz



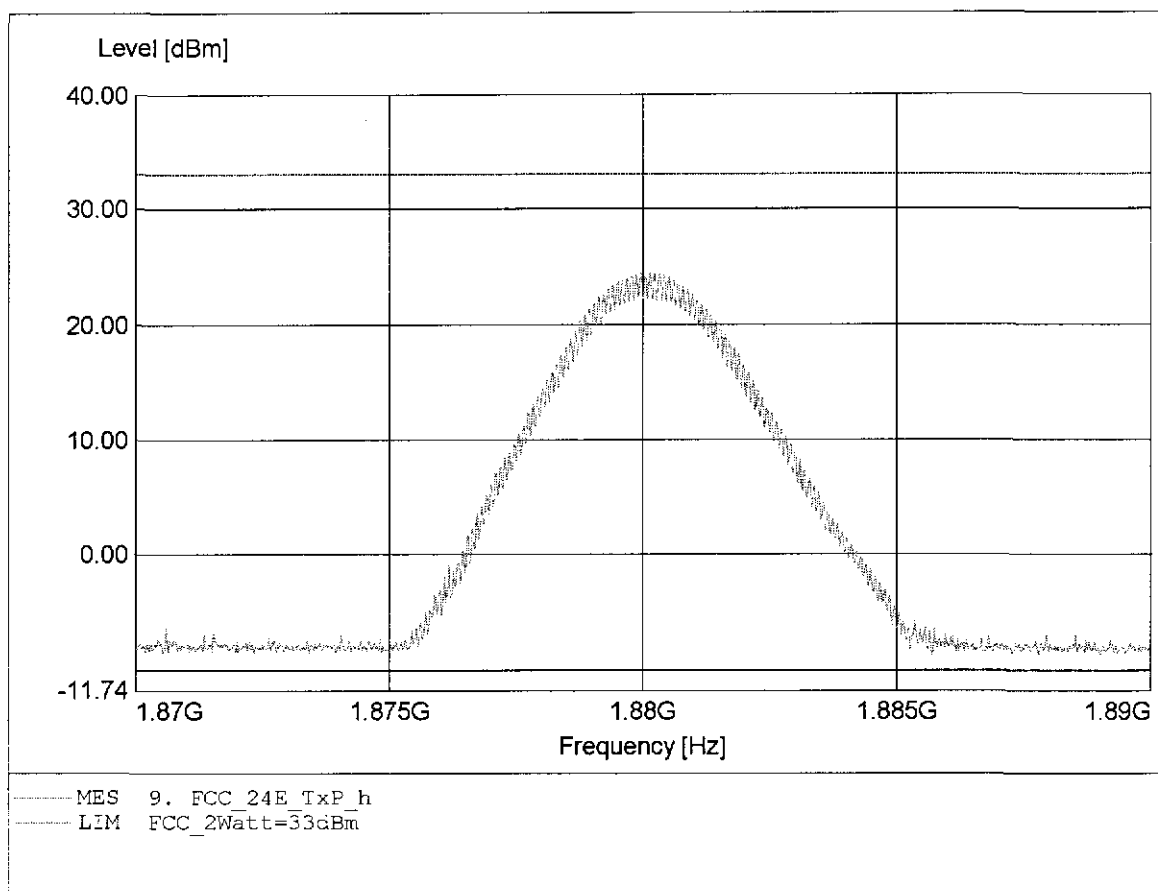
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 29.68dBm, RBW: 3MHz



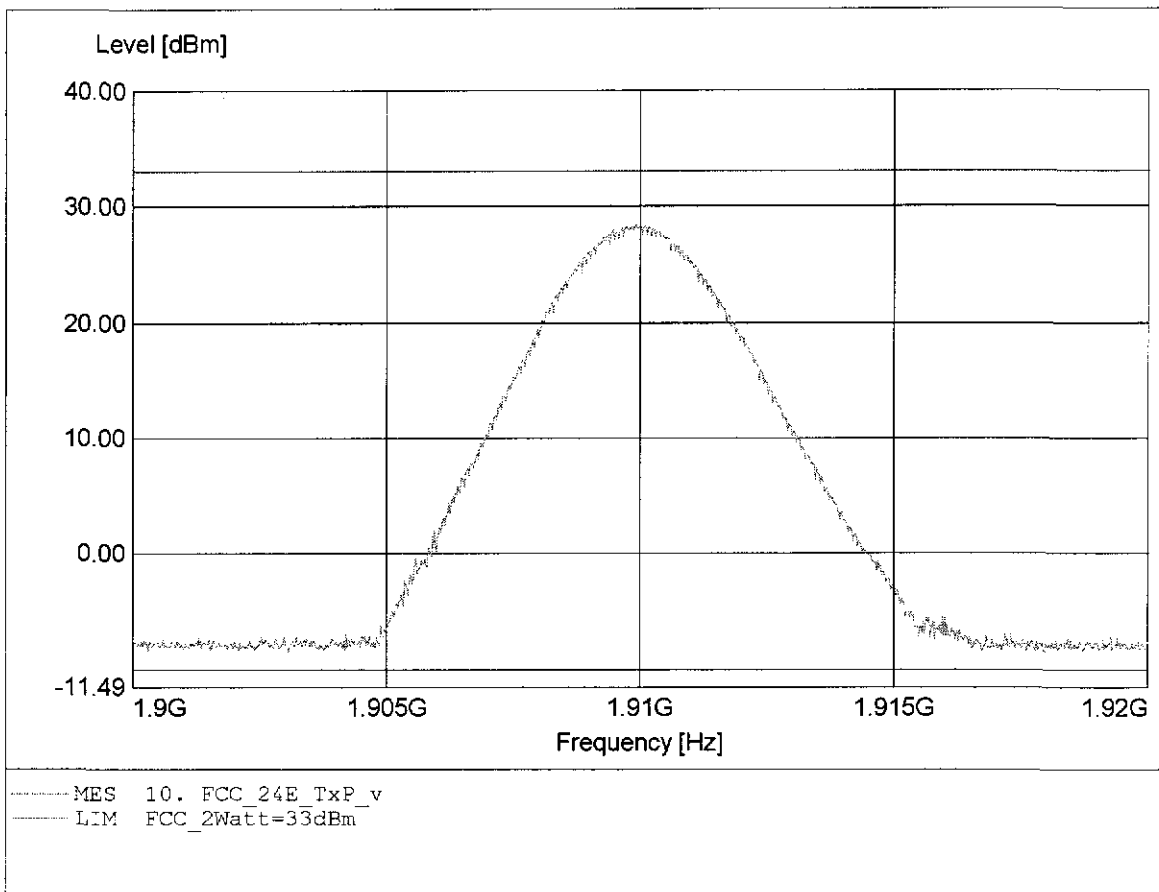
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 24.50dBm, RBW: 3MHz



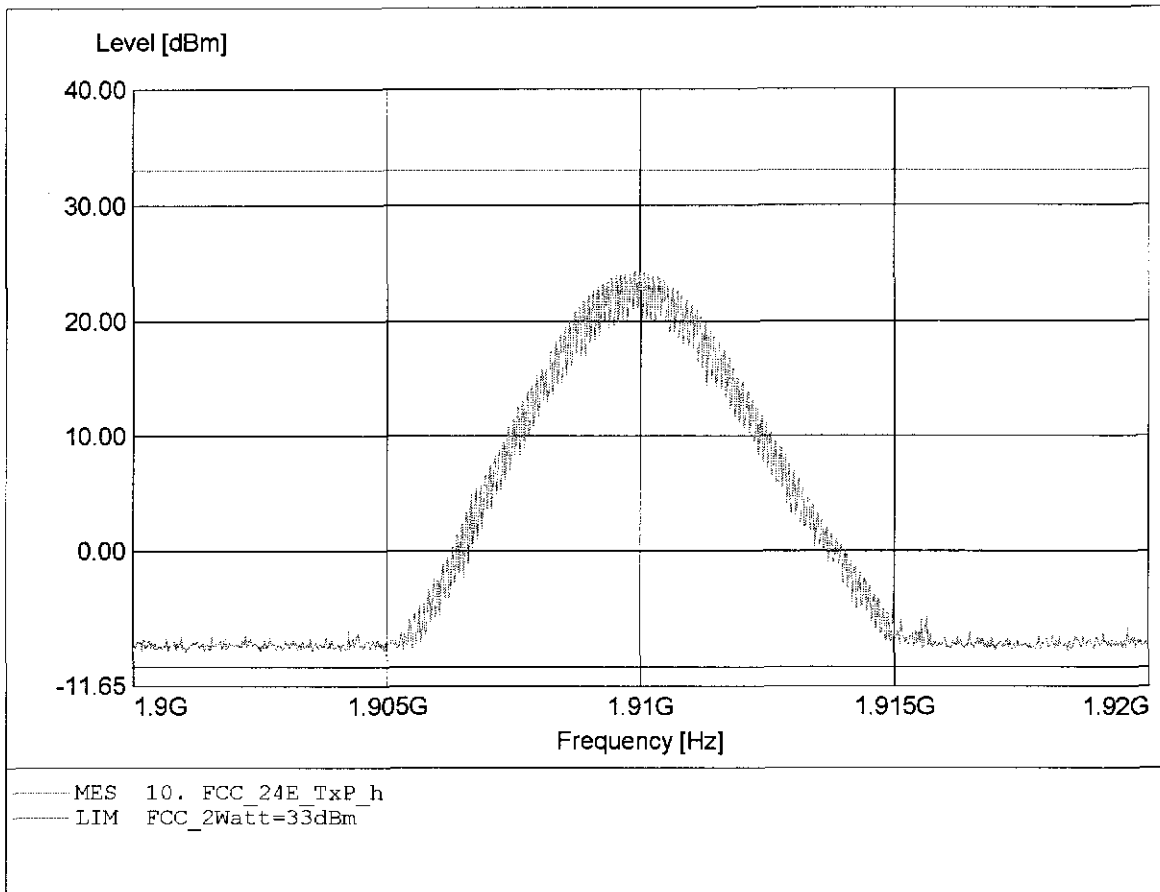
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 28.47dBm, RBW: 3MHz



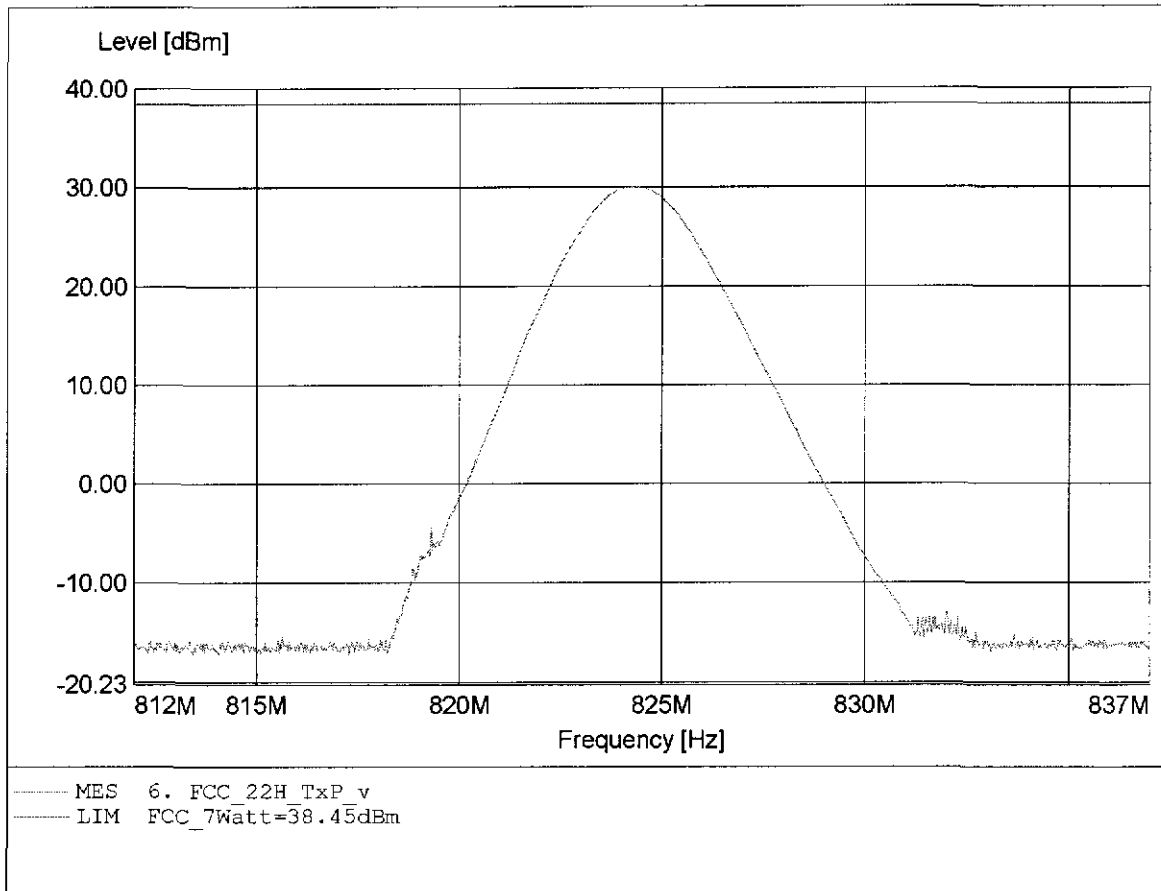
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 24.28dBm, RBW: 3MHz



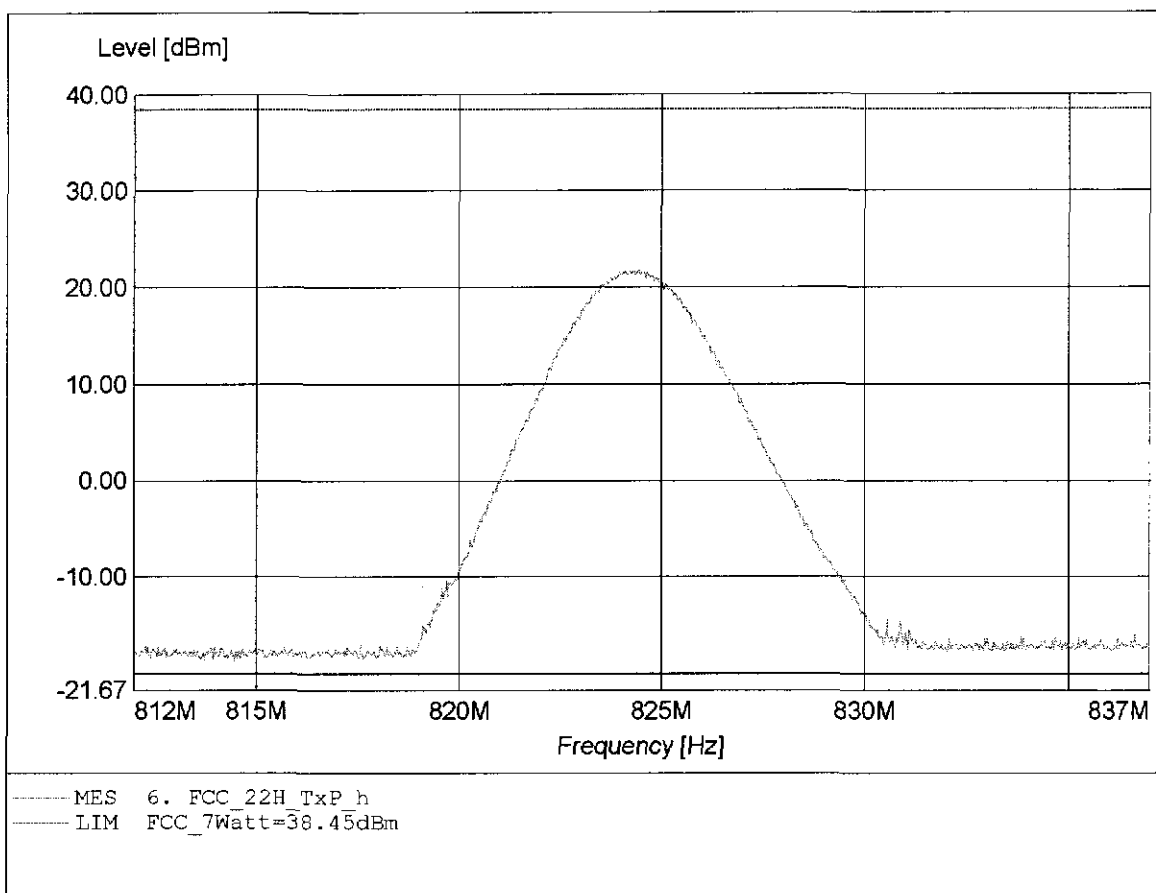
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.500MHz, Pmax: 30.02dBm, RBW: 3MHz



**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

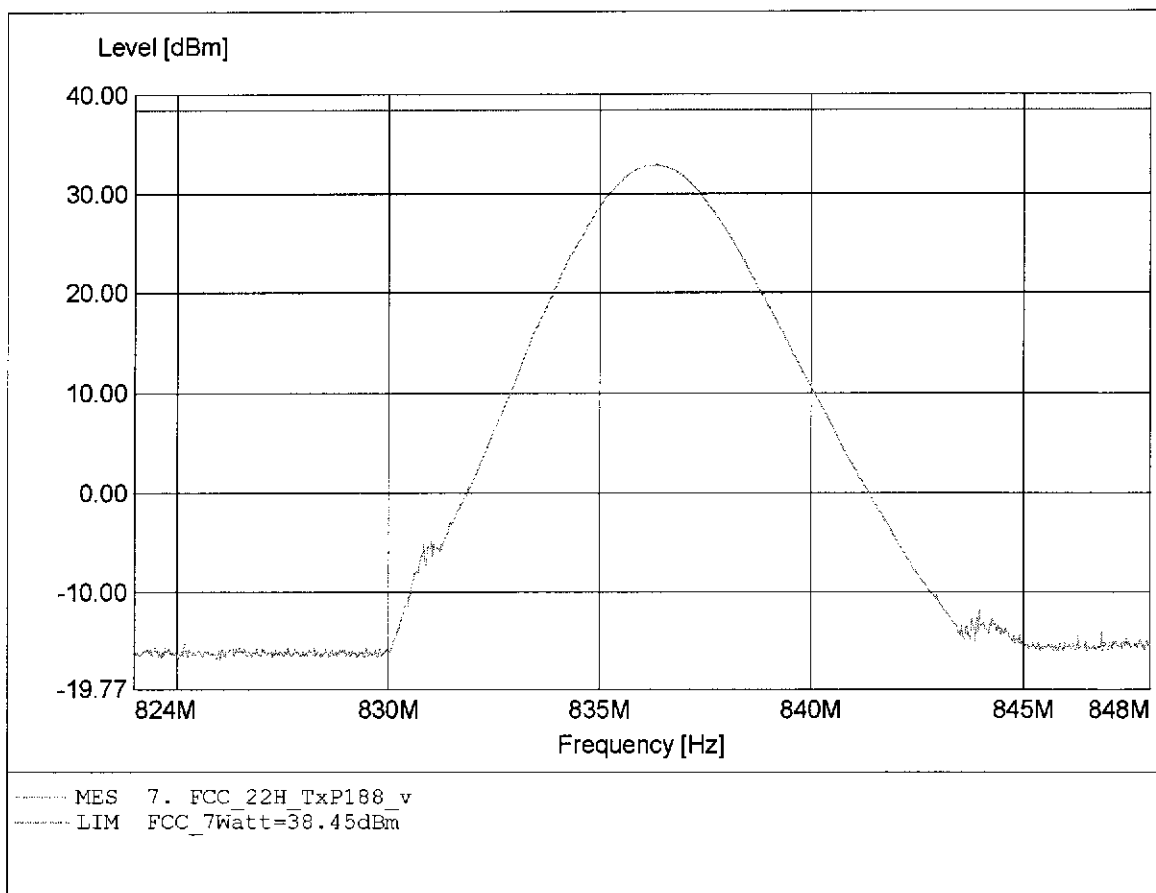
Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.444MHz, Pmax: 21.69dBm, RBW: 3MHz





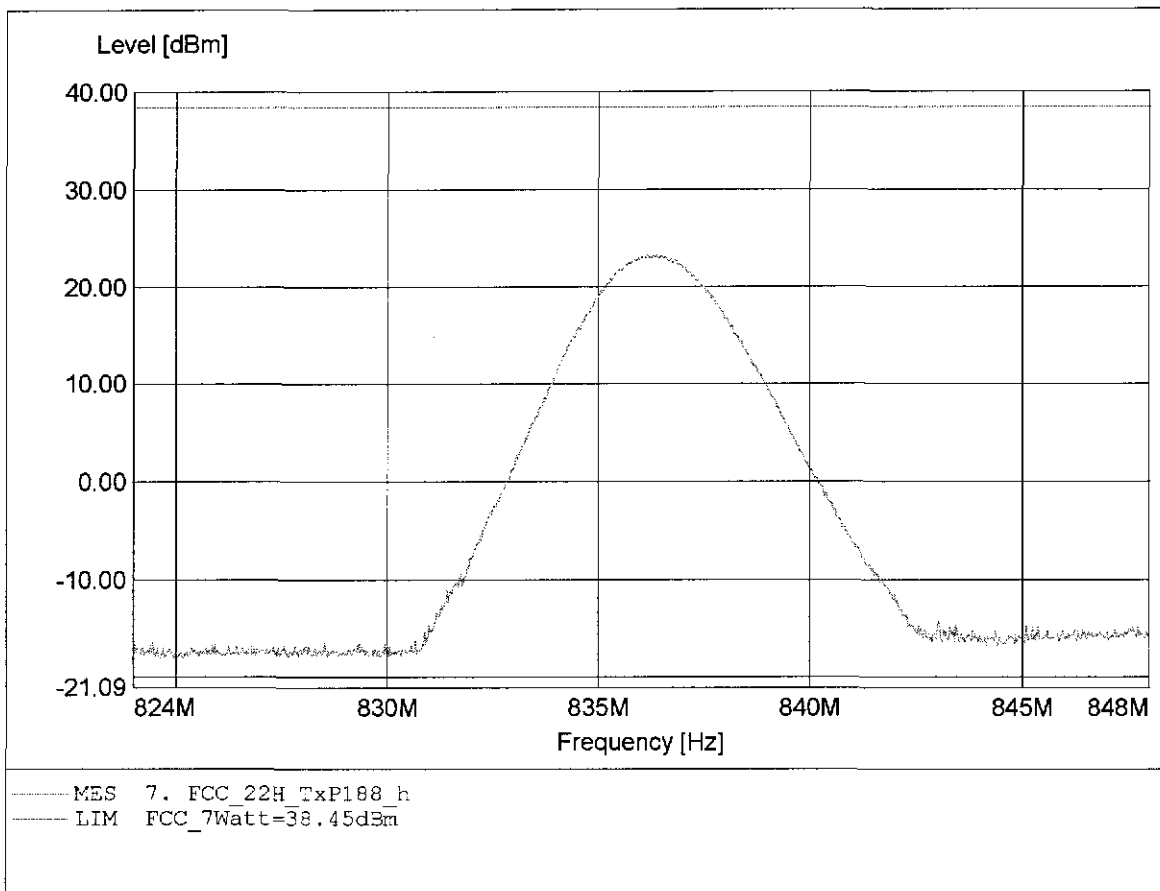
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.347MHz, Pmax: 32.97dBm, RBW: 3MHz



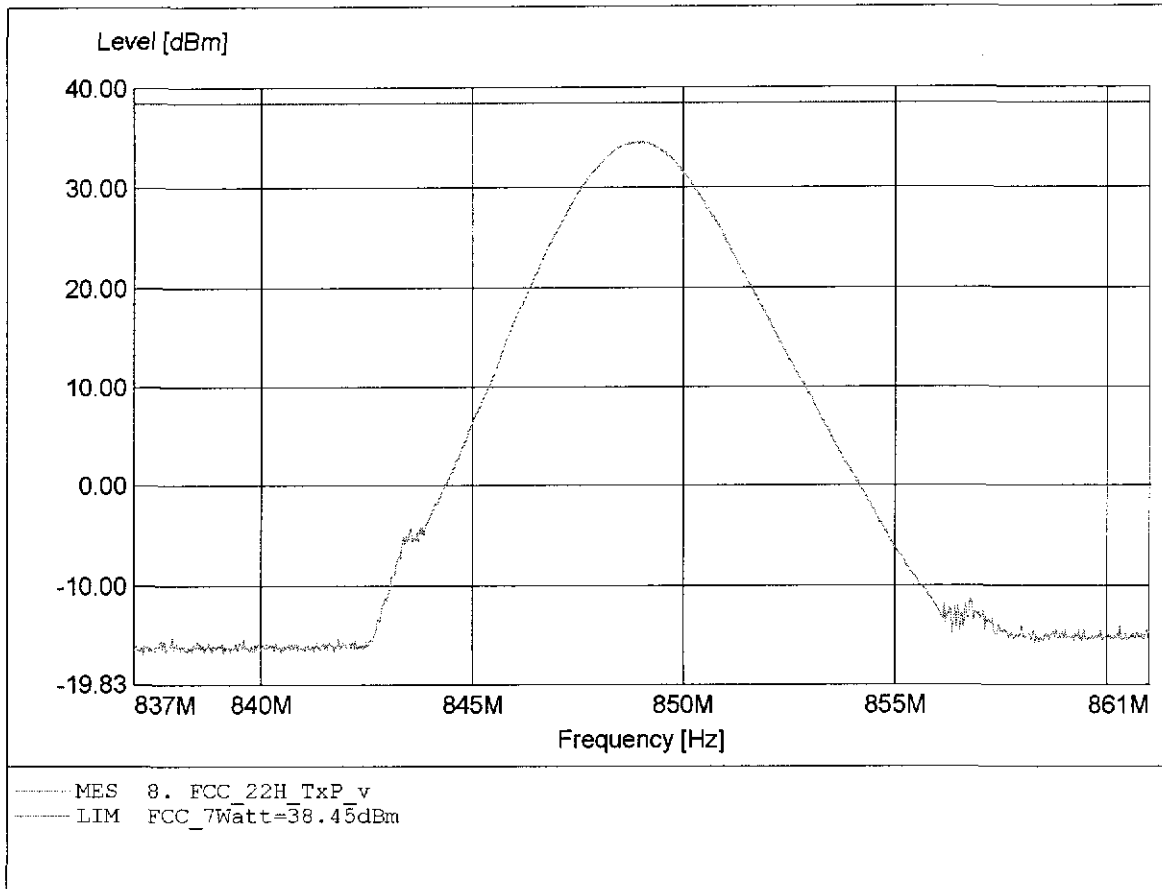
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.373MHz, Pmax: 23.32dBm, RBW: 3MHz



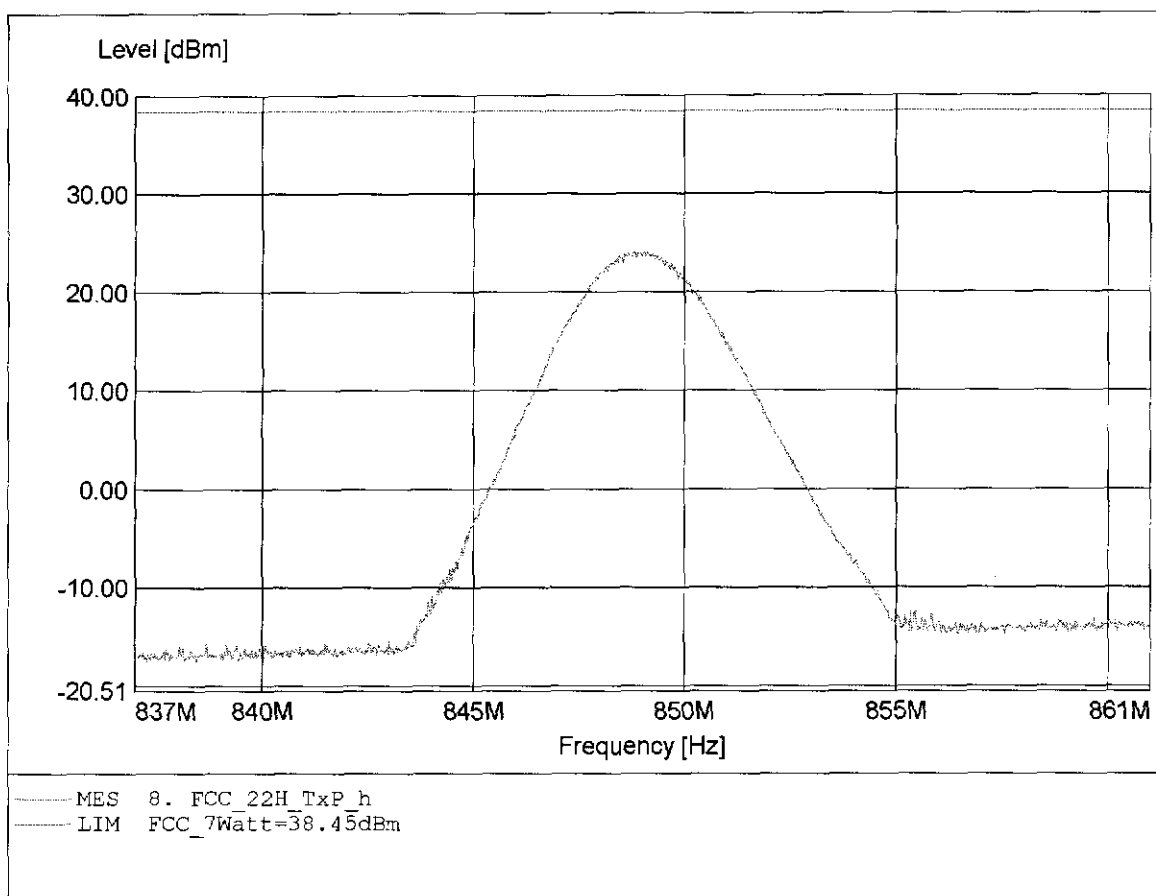
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 849.053MHz, Pmax: 34.60dBm, RBW: 3MHz



**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.787MHz, Pmax: 24.19dBm, RBW: 3MHz





## Appendix D

### Modulation Requirements



## Appendix E

### Audio Filter Characteristics



## Appendix F

Emission Limitation



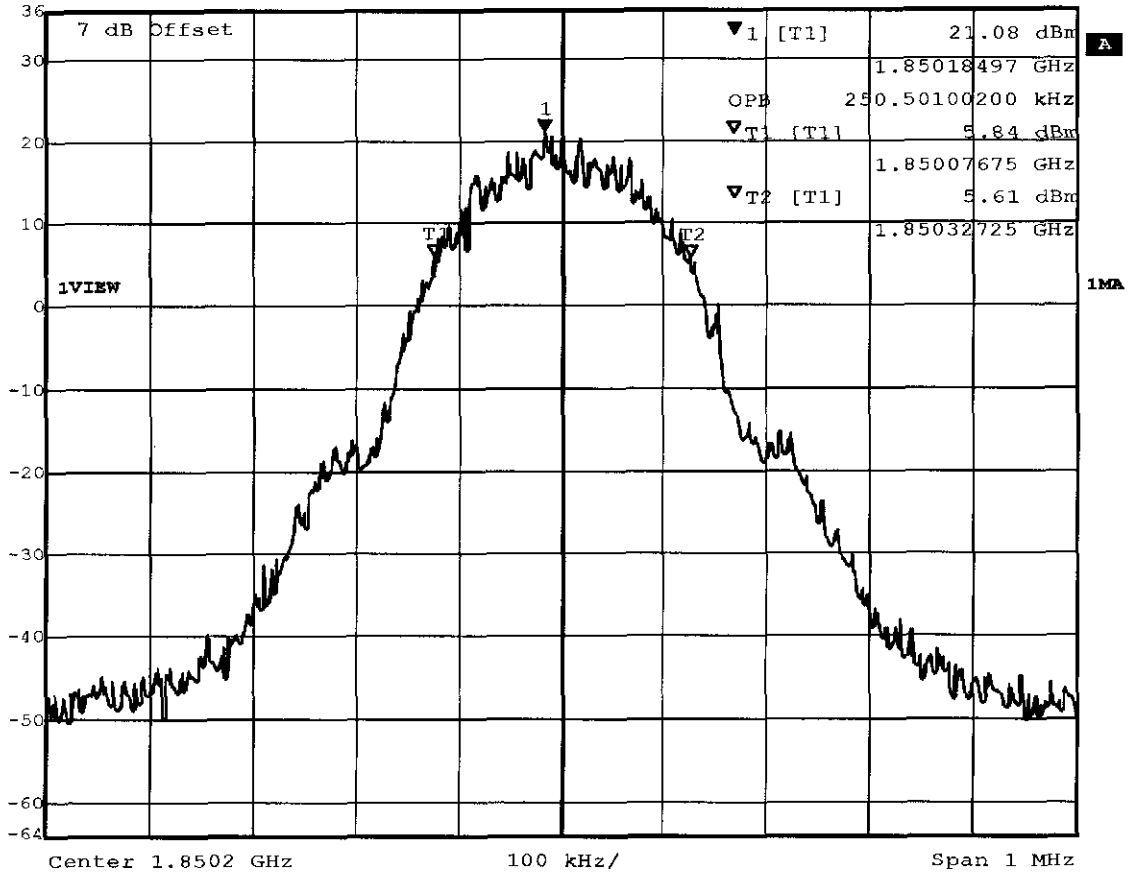
## Appendix G

Occupied Bandwidth





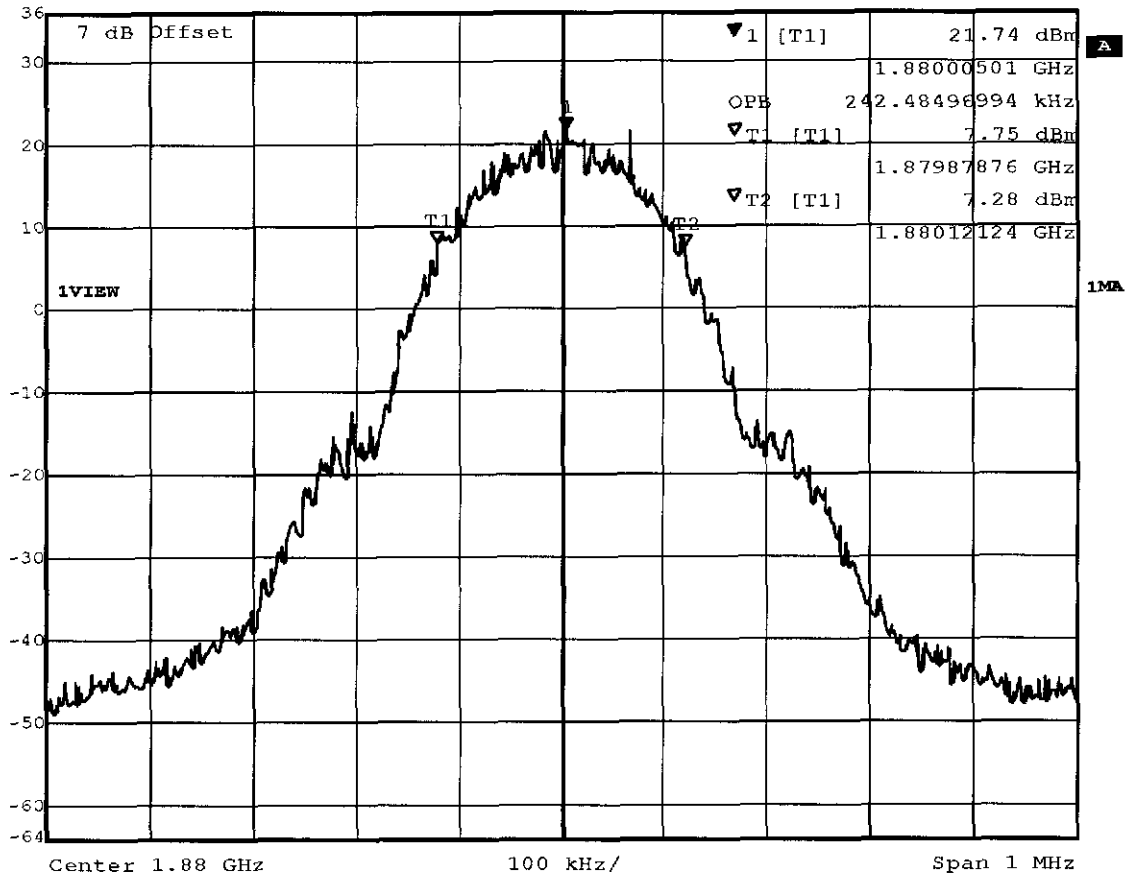
Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl 21.08 dBm VBW 3 kHz  
36 dBm 1.85018497 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth \ Channel: 512  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 10:06:55



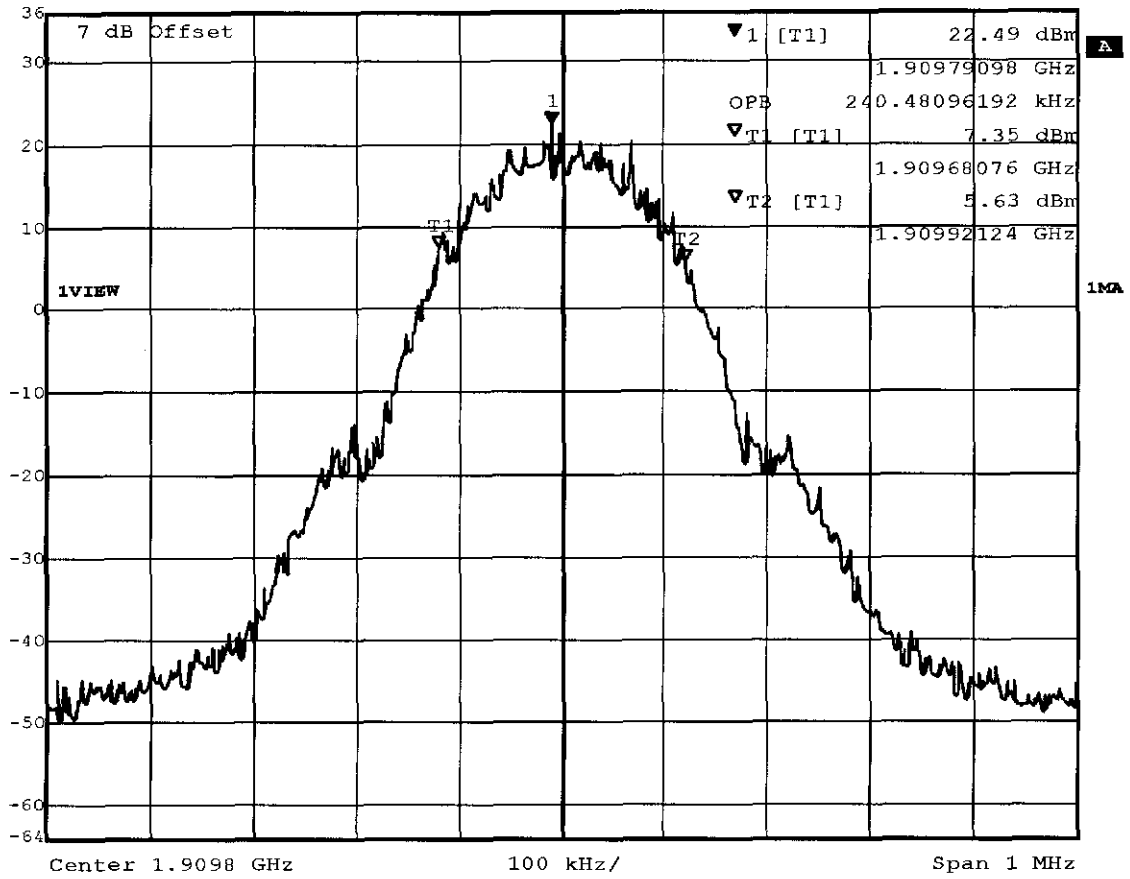
Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl 21.74 dBm VBW 3 kHz  
36 dBm 1.88000501 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 661  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 10:10:08



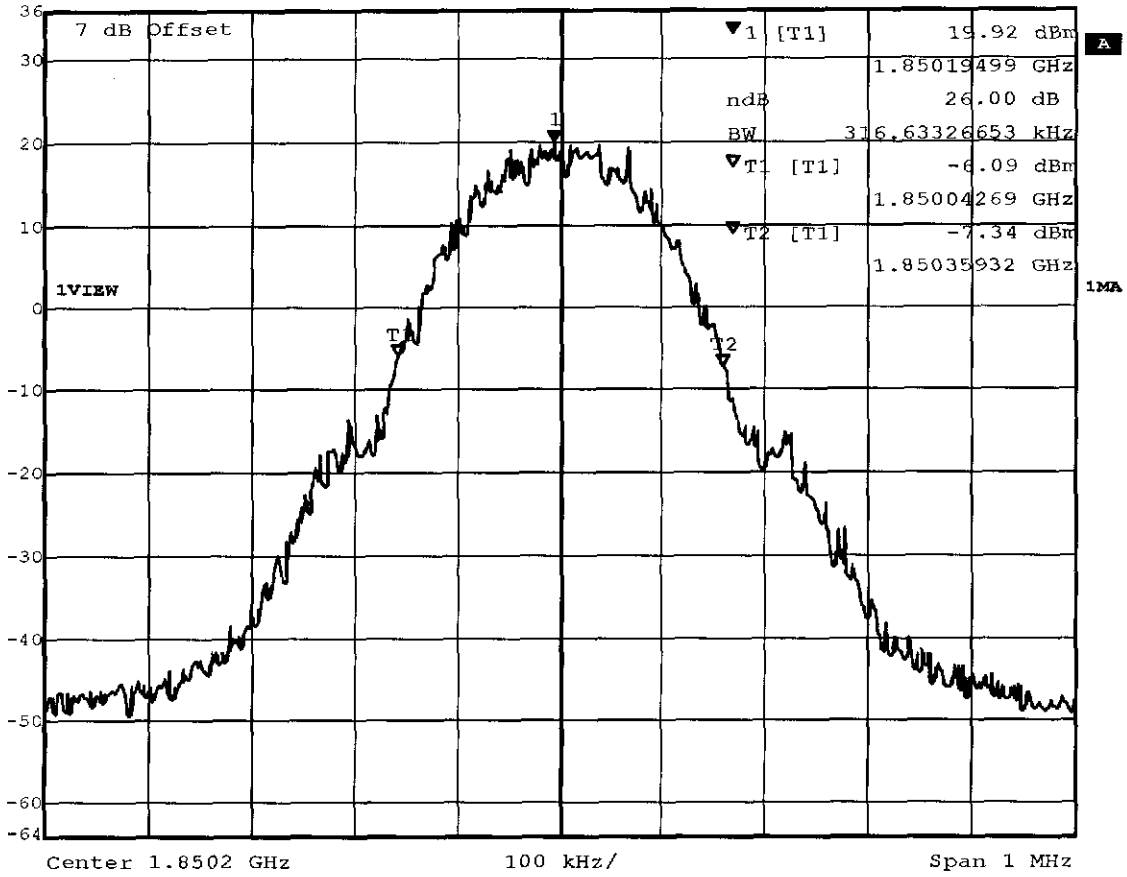
Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl 22.49 dBm VBW 3 kHz  
36 dBm 1.90979098 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 810  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 10:12:16



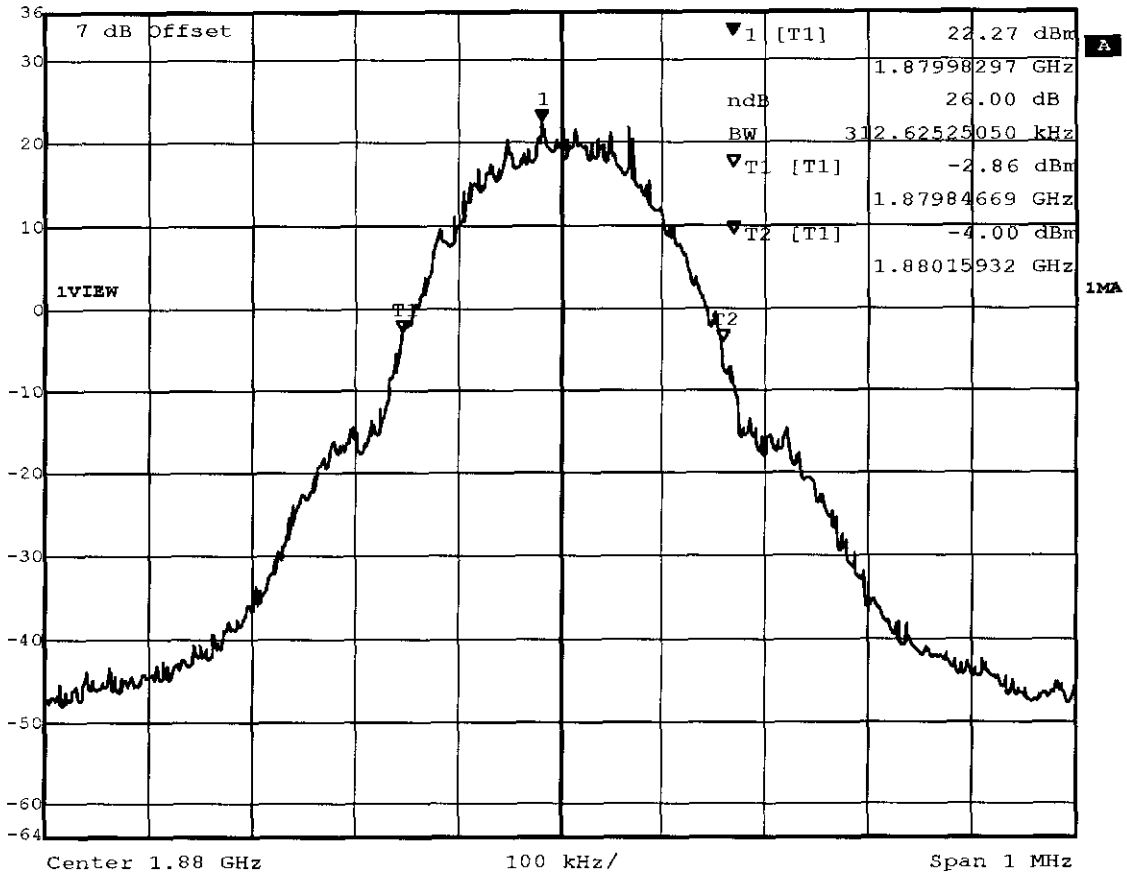
Marker 1 [T1 ndB]      RBW    3 kHz    RF Att    50 dB  
 Ref Lvl            ndB            26.00 dB    VBW    3 kHz  
 36 dBm            BW    316.63326653 kHz    SWT    280 ms    Unit            dBm



Title:      Emission Bandwidth (-26 dB) / Channel: 512  
 Comment A: Triple Band GSM/DCS/PCS / PG-3210  
 Date:      8.FEB.2005 10:15:26



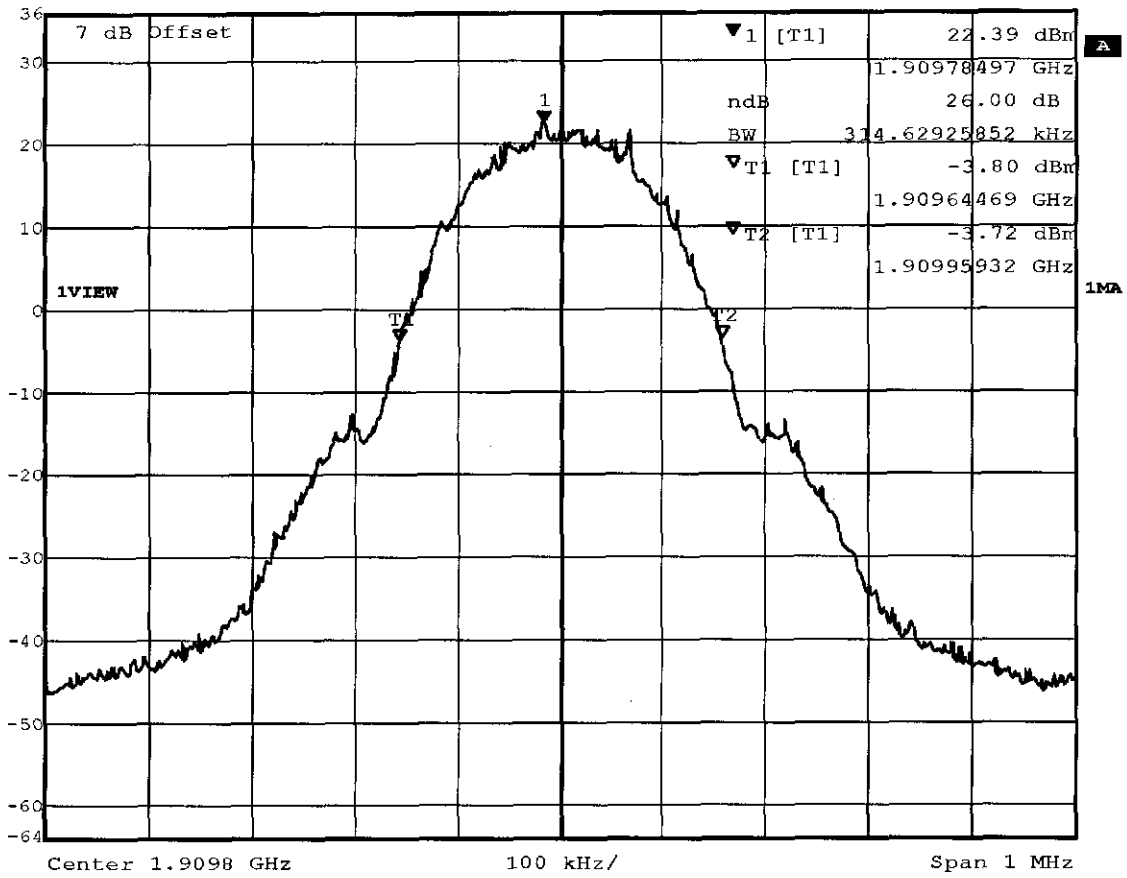
Marker 1 [T1 ndB]      RBW    3 kHz    RF Att    50 dB  
 Ref Lvl            ndB            26.00 dB    VBW    3 kHz  
 36 dBm            BW    312.62525050 kHz    SWT    280 ms    Unit            dBm



Title:      Emission Bandwidth (-26 dB) / Channel: 661  
 Comment A: Triple Band GSM/DCS/PCS / PG-3210  
 Date:      8.FEB.2005 10:18:57



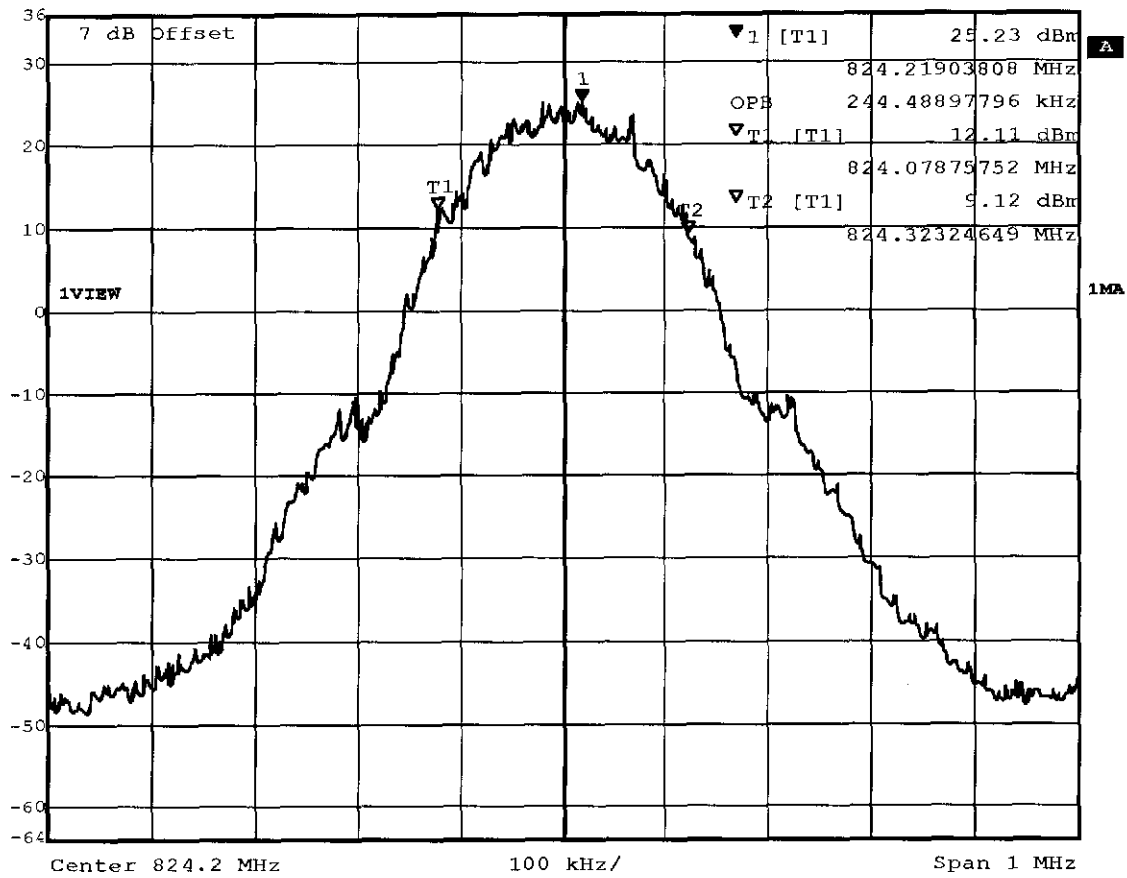
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB  
Ref Lvl ndB 26.00 dB VBW 3 kHz  
36 dBm BW 314.62925852 kHz SWT 280 ms Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 810  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 10:54:33



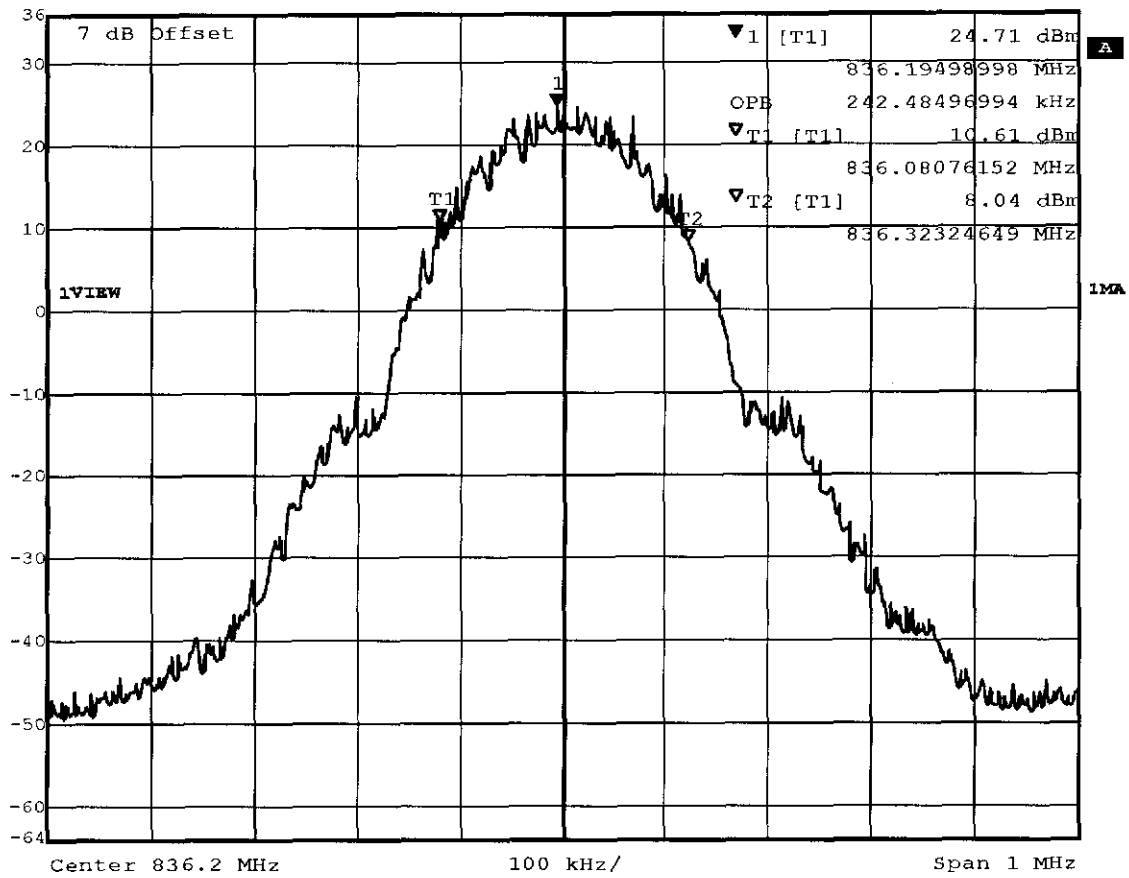
Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl 25.23 dBm VBW 3 kHz  
36 dBm 824.21903808 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 128  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 11:09:42



Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl 24.71 dBm VBW 3 kHz  
36 dBm 836.19498998 MHz SWT 280 ns Unit dBm

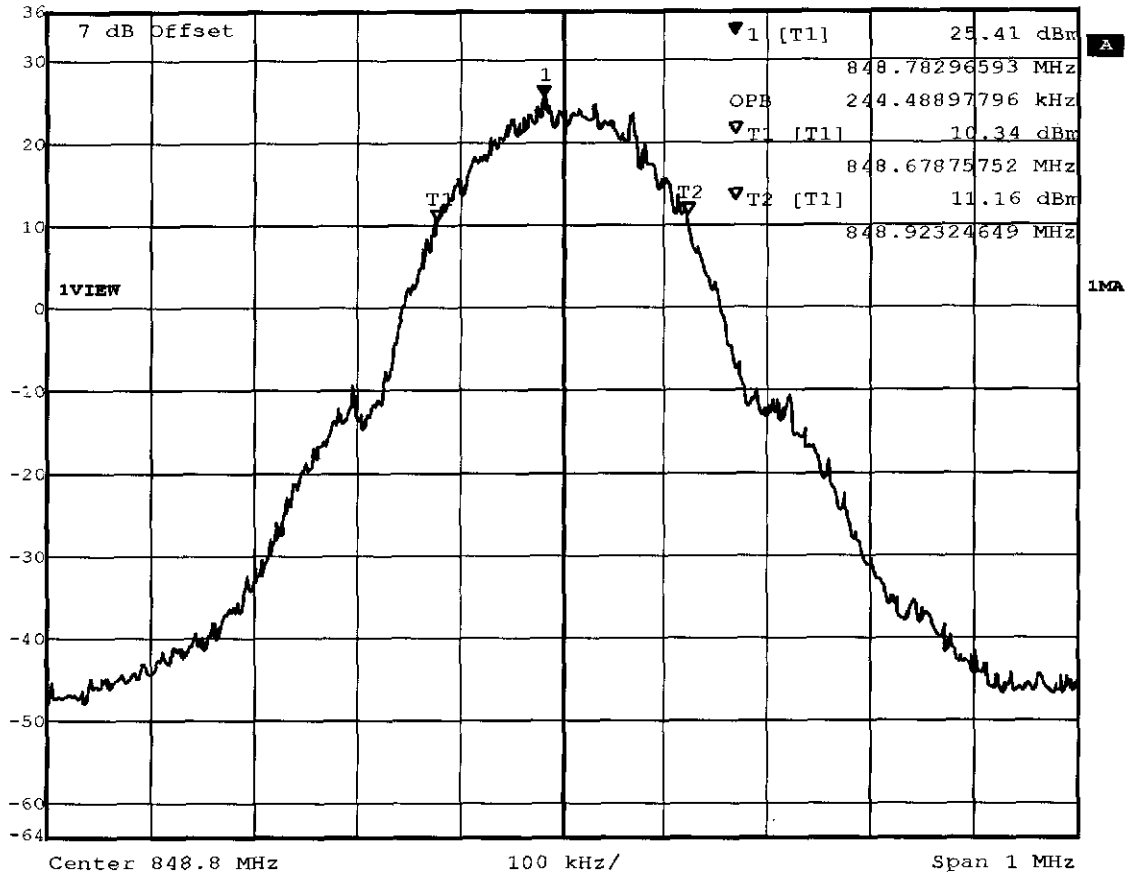


Title: Occupied Bandwidth / Channel: 188  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 11:11:30





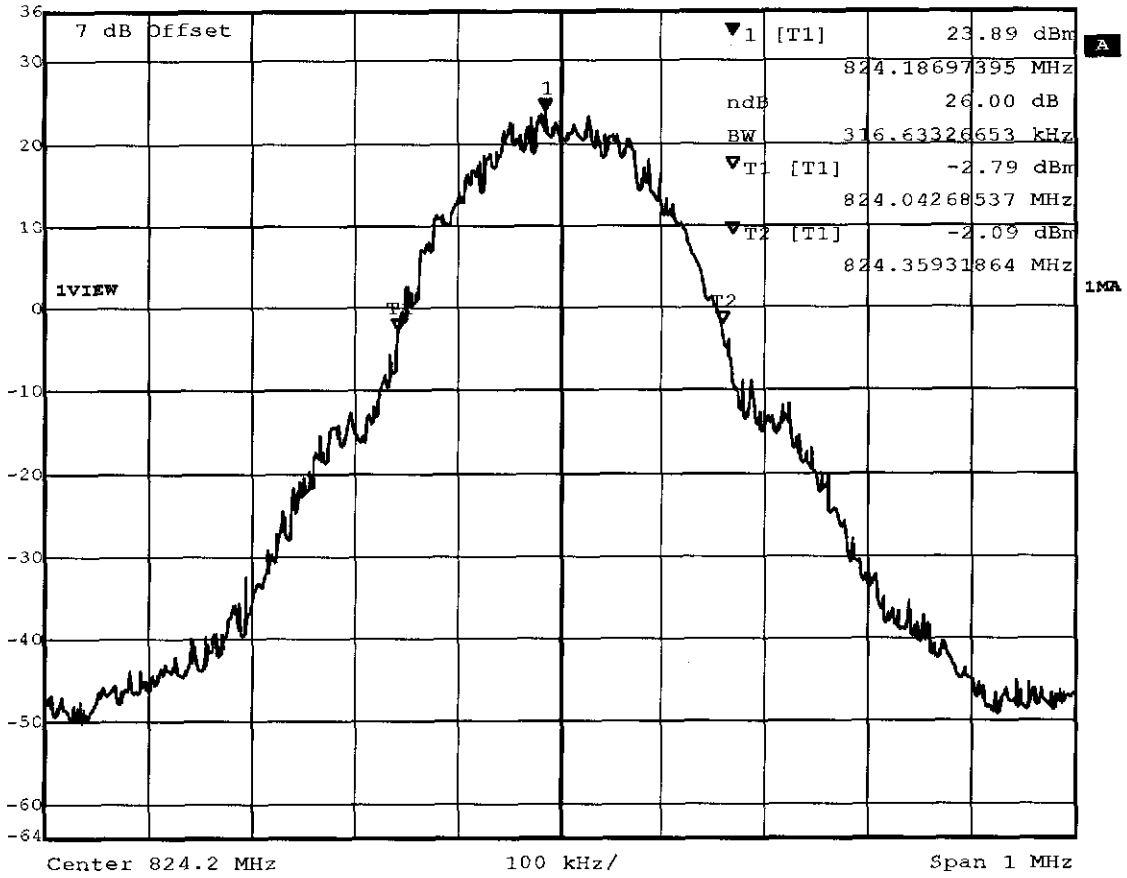
Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl 25.41 dBm VBW 3 kHz  
36 dBm 848.78296593 MHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 251  
Comment A: Triple Band GSM/DCS/PCS / EG-3210  
Date: 8.FEB.2005 11:18:01



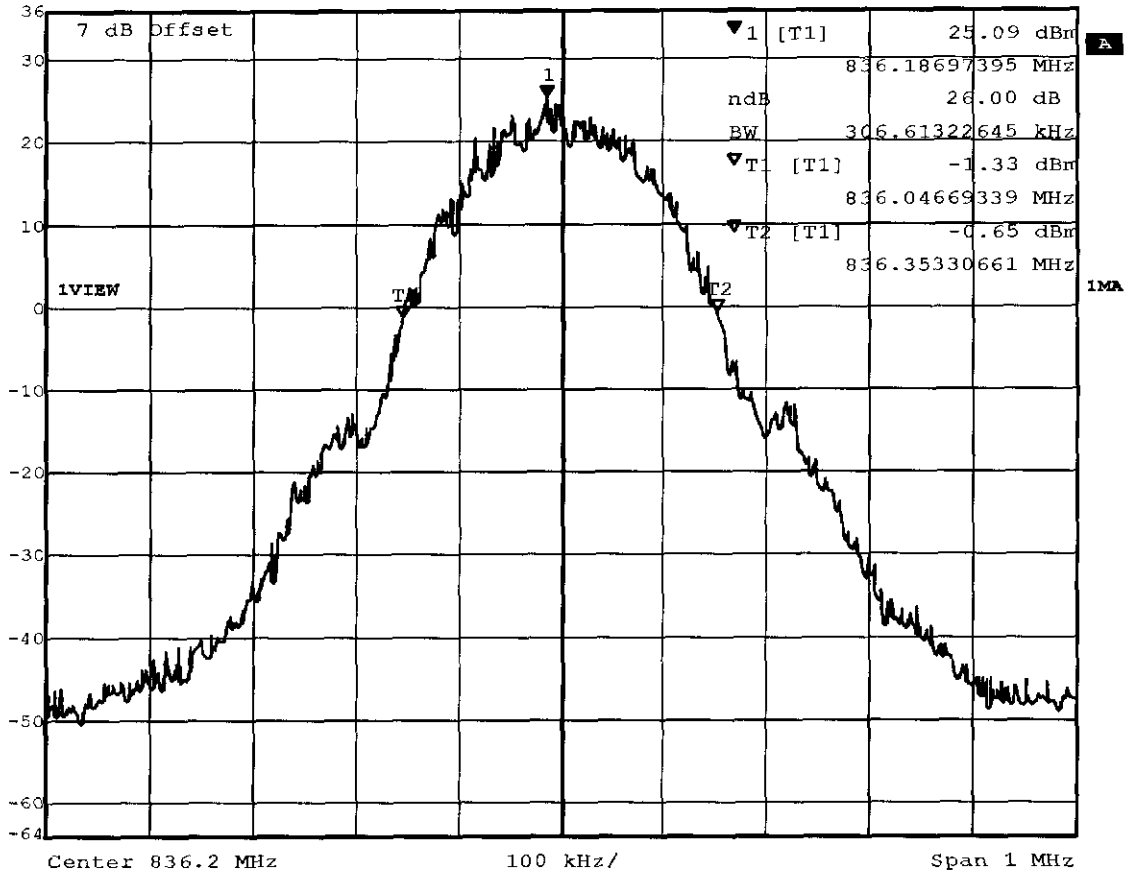
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB  
Ref Lvl ndB 26.00 dB VBW 3 kHz  
36 dBm BW 316.63326653 kHz SWT 280 ms Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 128  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 11:21:14



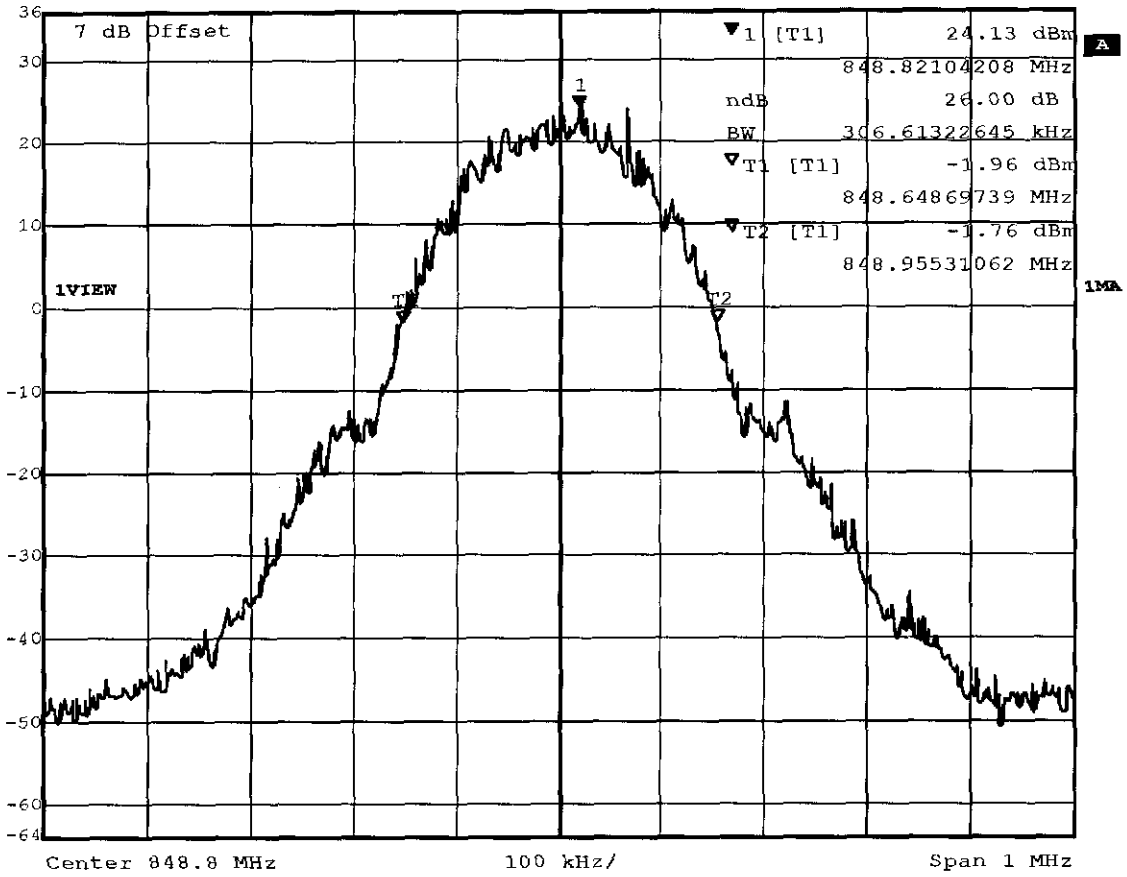
Marker 1 [T1 ndB]      RBW    3 kHz    RF Att    50 dB  
 Ref Lvl            ndB            26.00 dB    VBW    3 kHz  
 36 dBm            BW    306.61322645 kHz    SWT    280 ms    Unit            dBm



Title:      Emission Bandwidth (-26 dB) / Channel: 188  
 Comment A: Triple Band GSM/DCS/PCS / PG-3210  
 Date:      8.FEB.2005 11:23:12



Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB  
Ref Lvl ndB 26.00 dB VBW 3 kHz  
36 dBm BW 306.61322645 kHz SWT 200 ms Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 251  
Comment A: Triple Band GSM/DCS/PCS / PG-3210  
Date: 8.FEB.2005 11:24:55



## Appendix H

Out of Band Emission at Antenna Terminals Mobile Emissions In Base Frequency Range

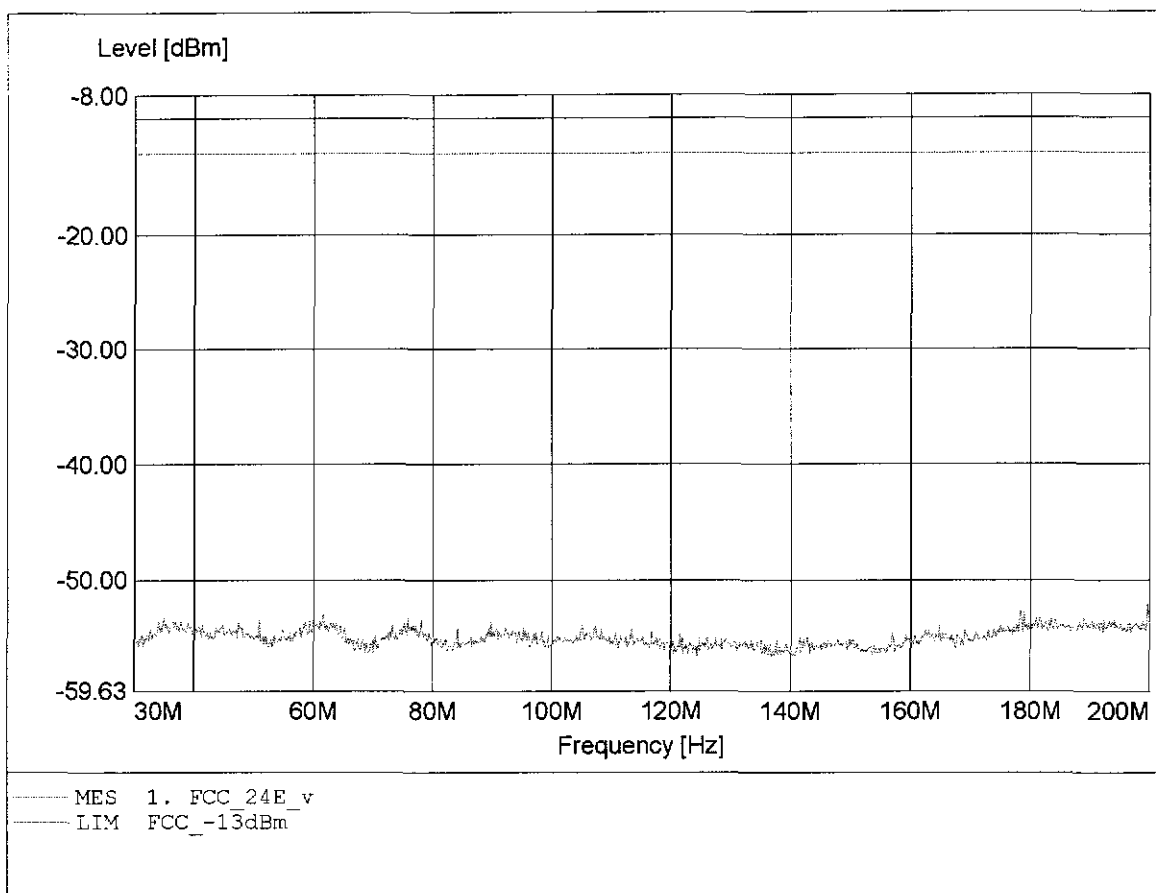


## Appendix I

Field Strength of Spurious Radiation

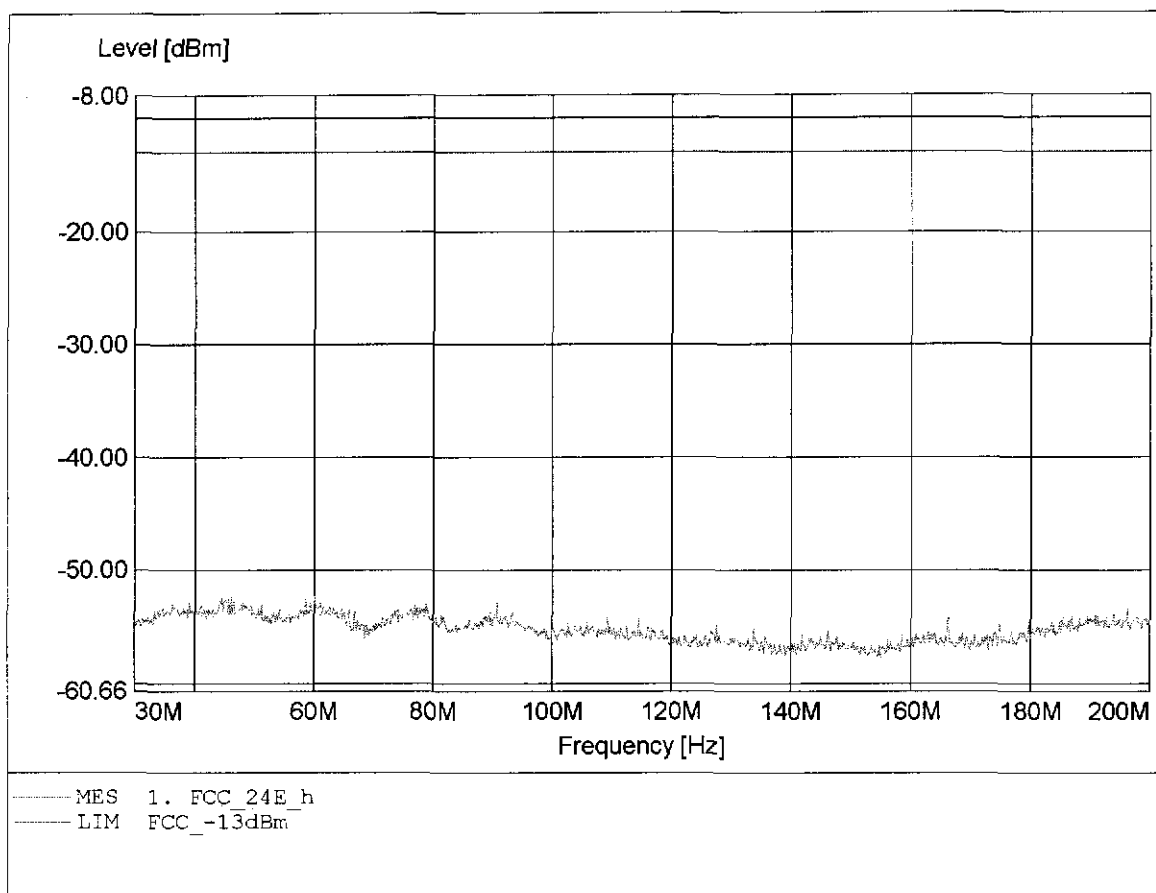
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 199.622MHz, Pmax: -52.03dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

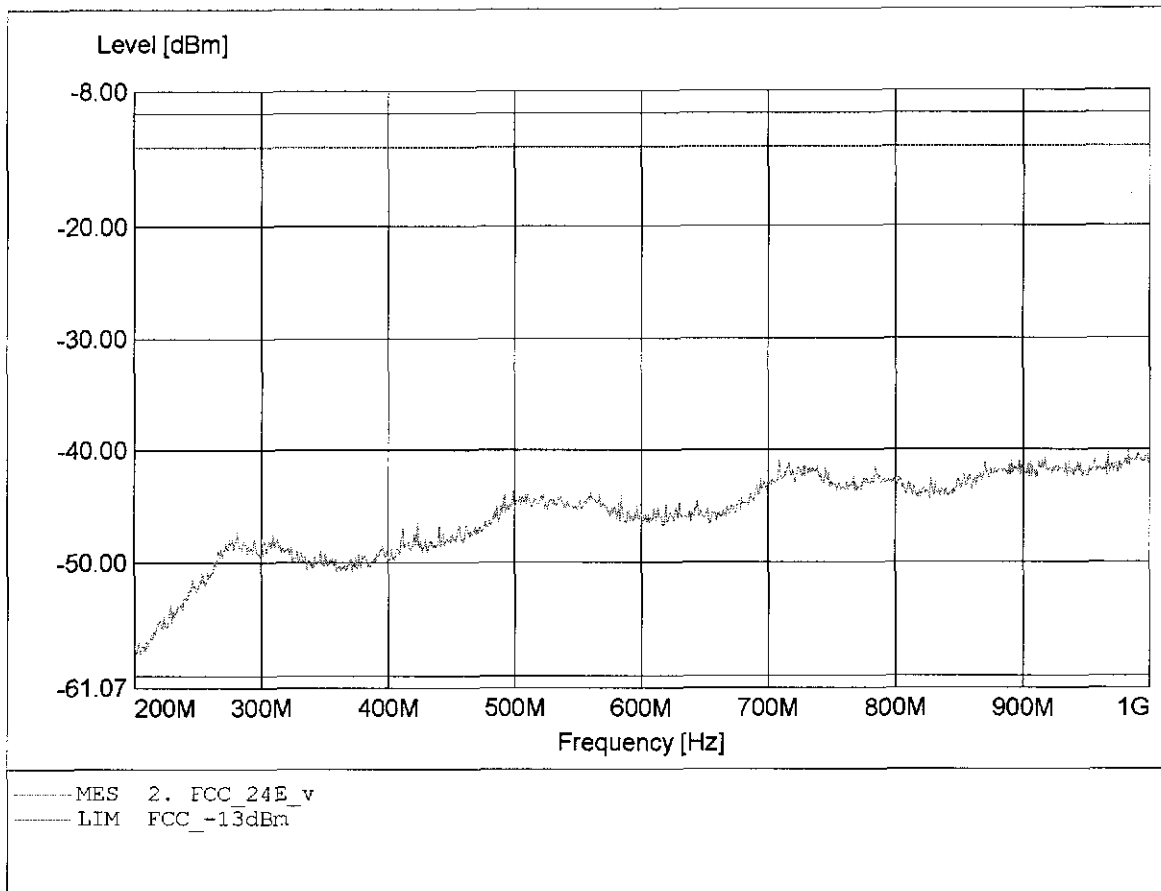
Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 46.056MHz, Pmax: -52.24dBm, RBW: 1MHz





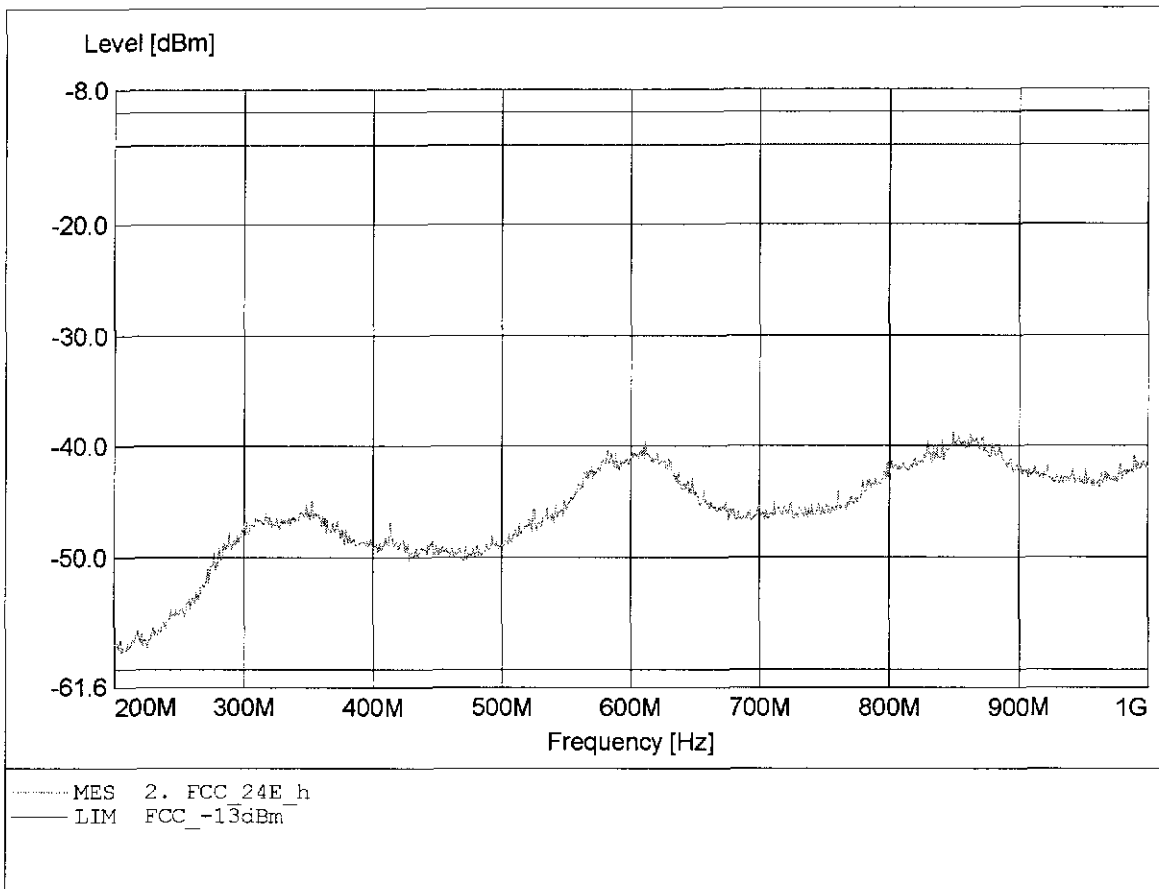
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 983.111MHz, Pmax: -40.03dBm, RBW: 1MHz



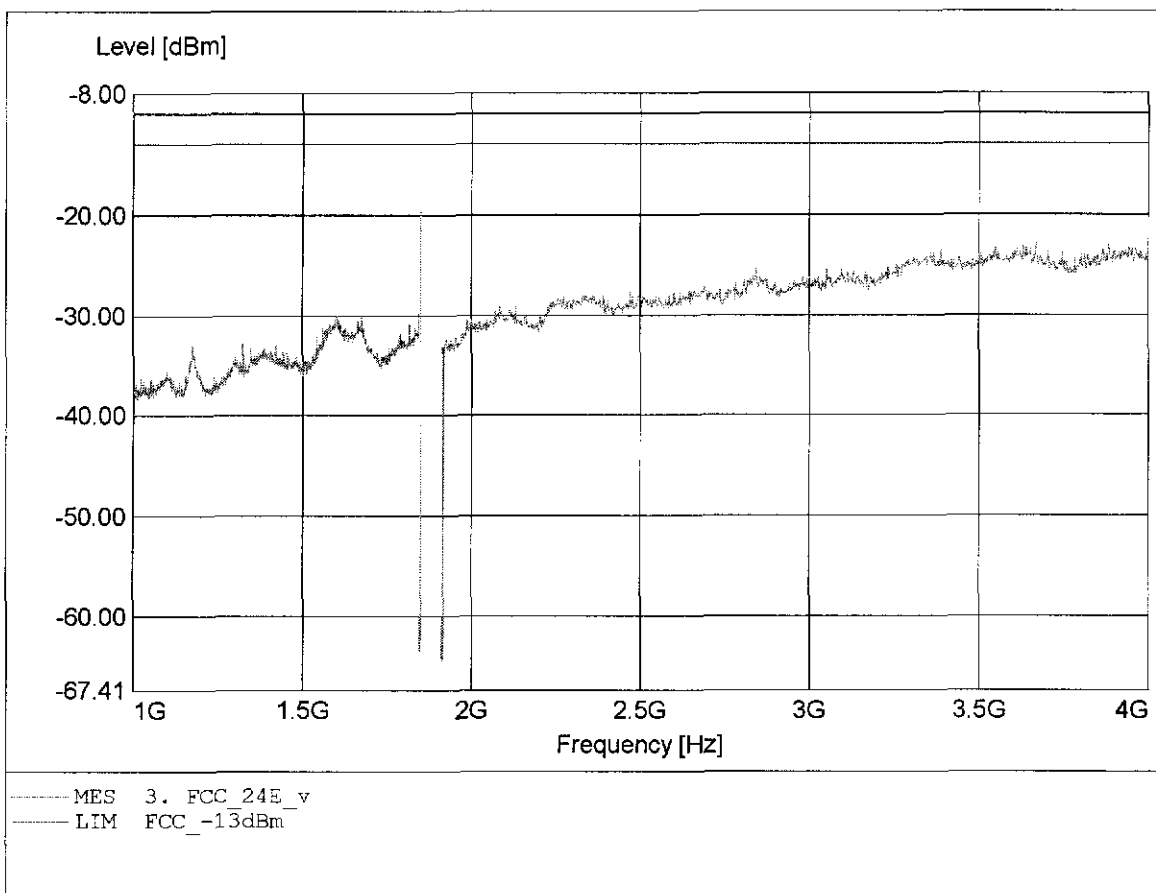
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 848.889MHz, Pmax: -38.61dBm, RBW: 1MHz



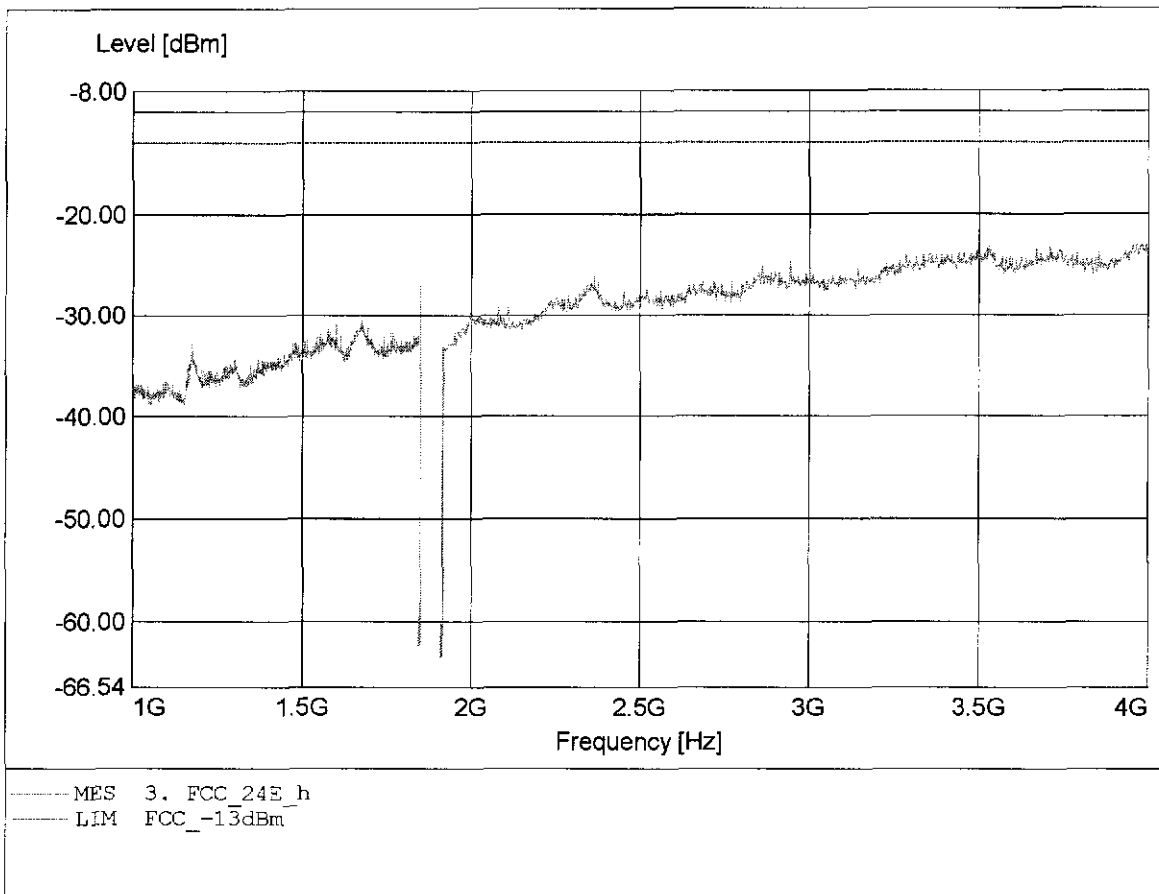
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.850GHz, Pmax: -19.58dBm, RBW: 1MHz/3kHz



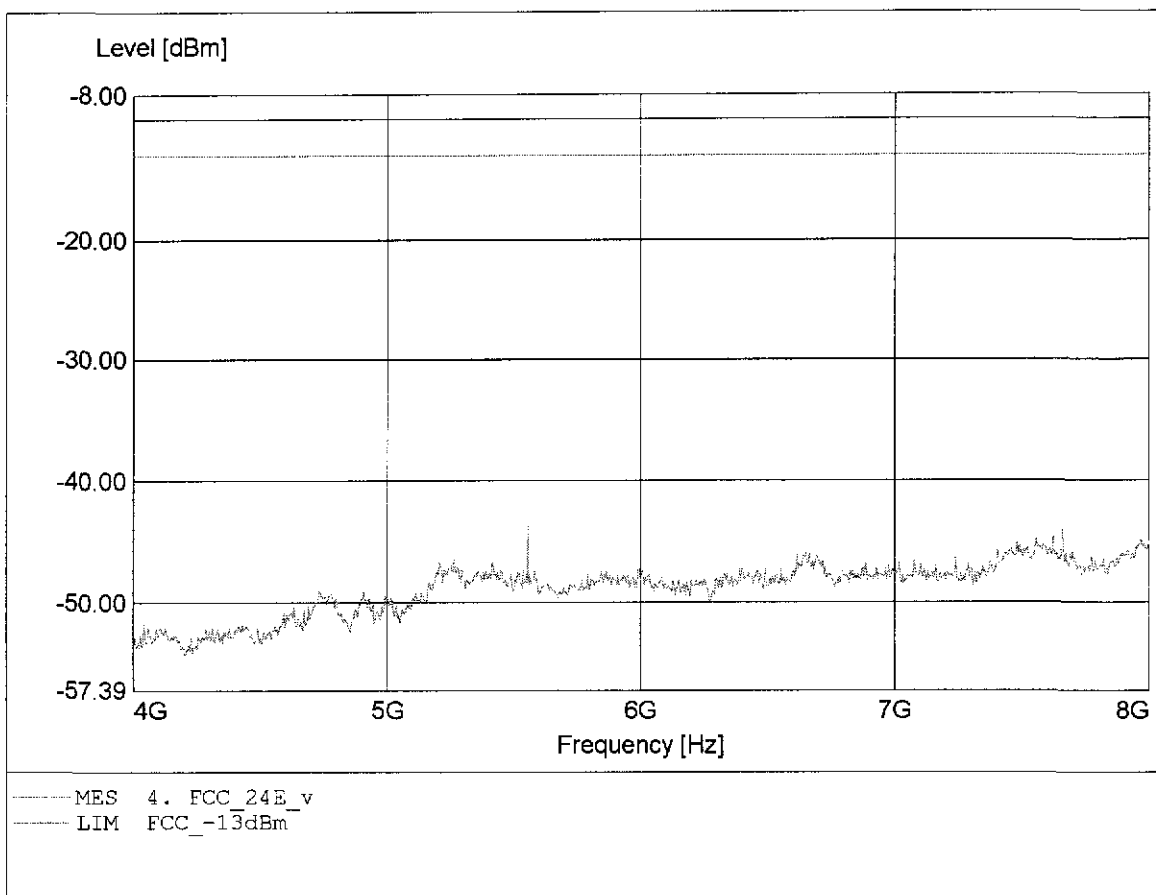
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.965GHz, Pmax: -23.01dBm, RBW: 1MHz/3kHz



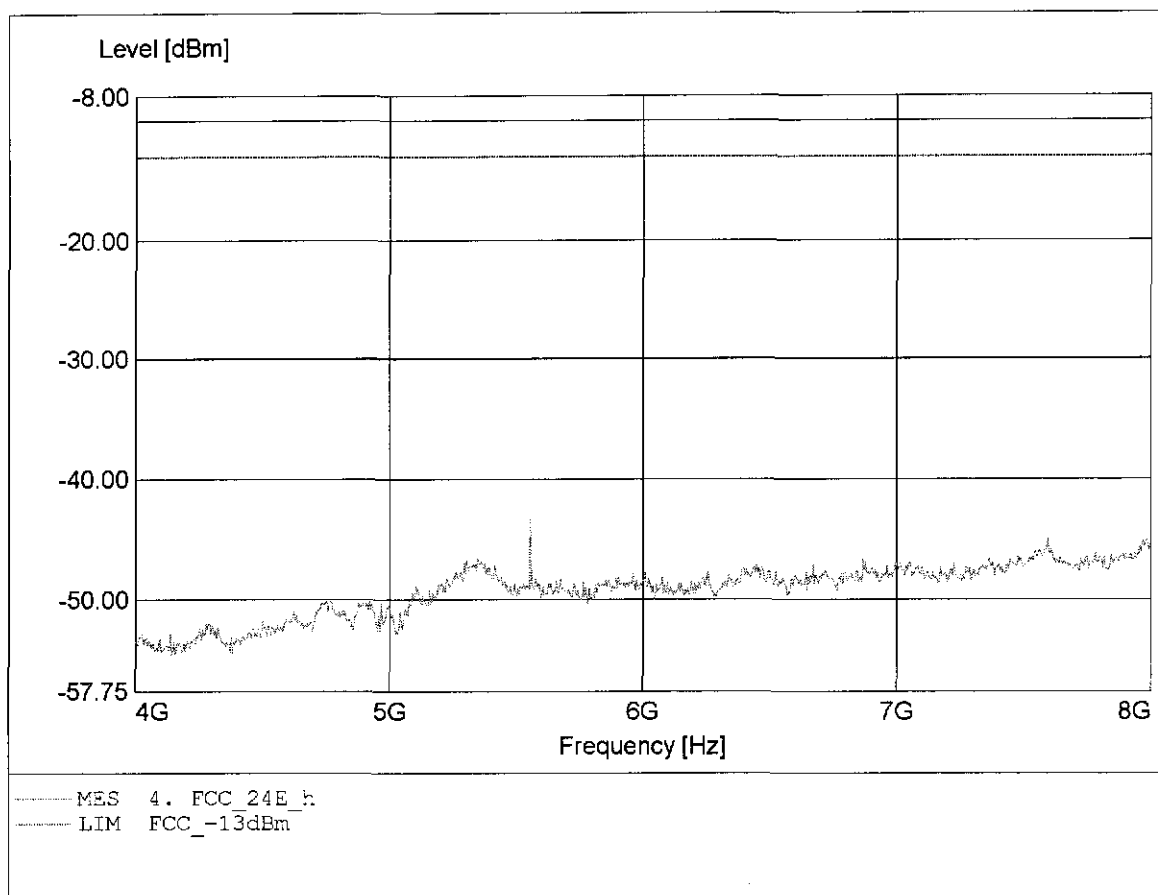
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.556GHz, Pmax: -43.58dBm, RBW: 1MHz



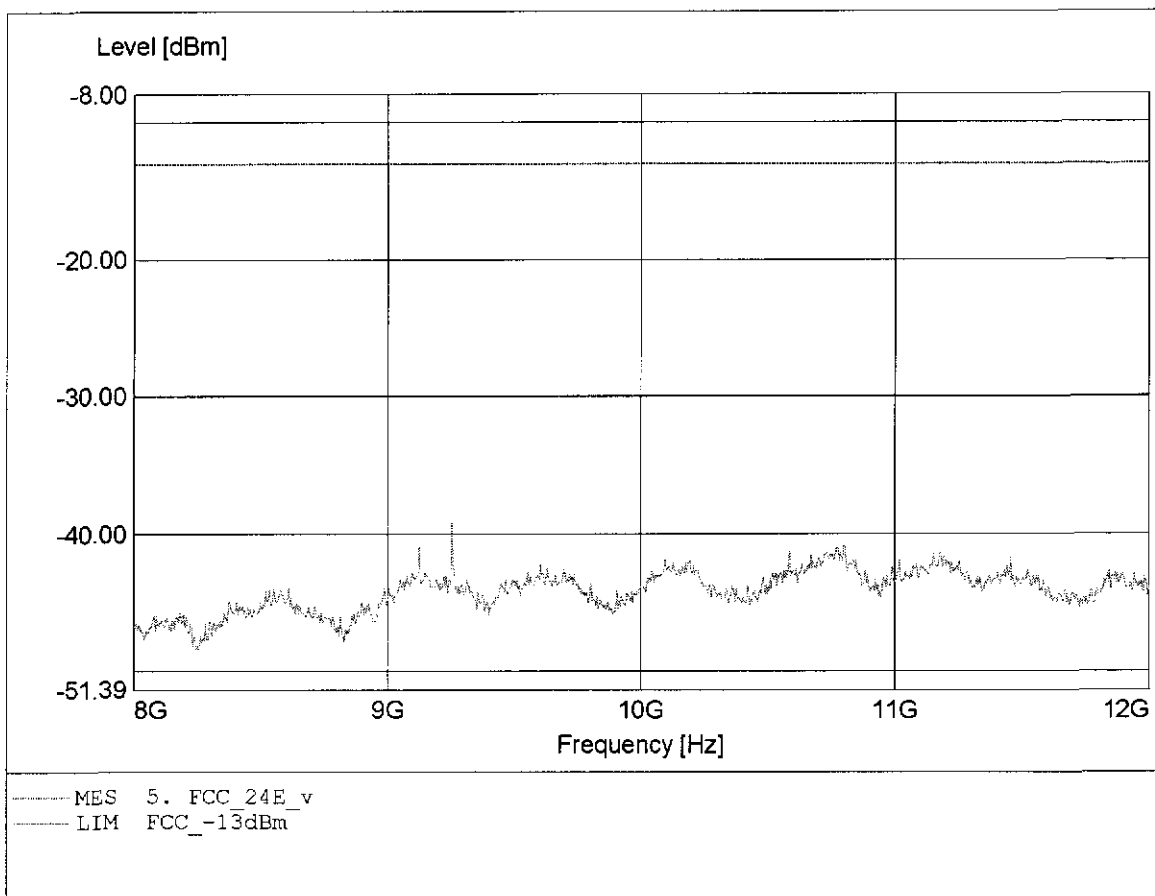
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.556GHz, Pmax: -43.27dBm, RBW: 1MHz



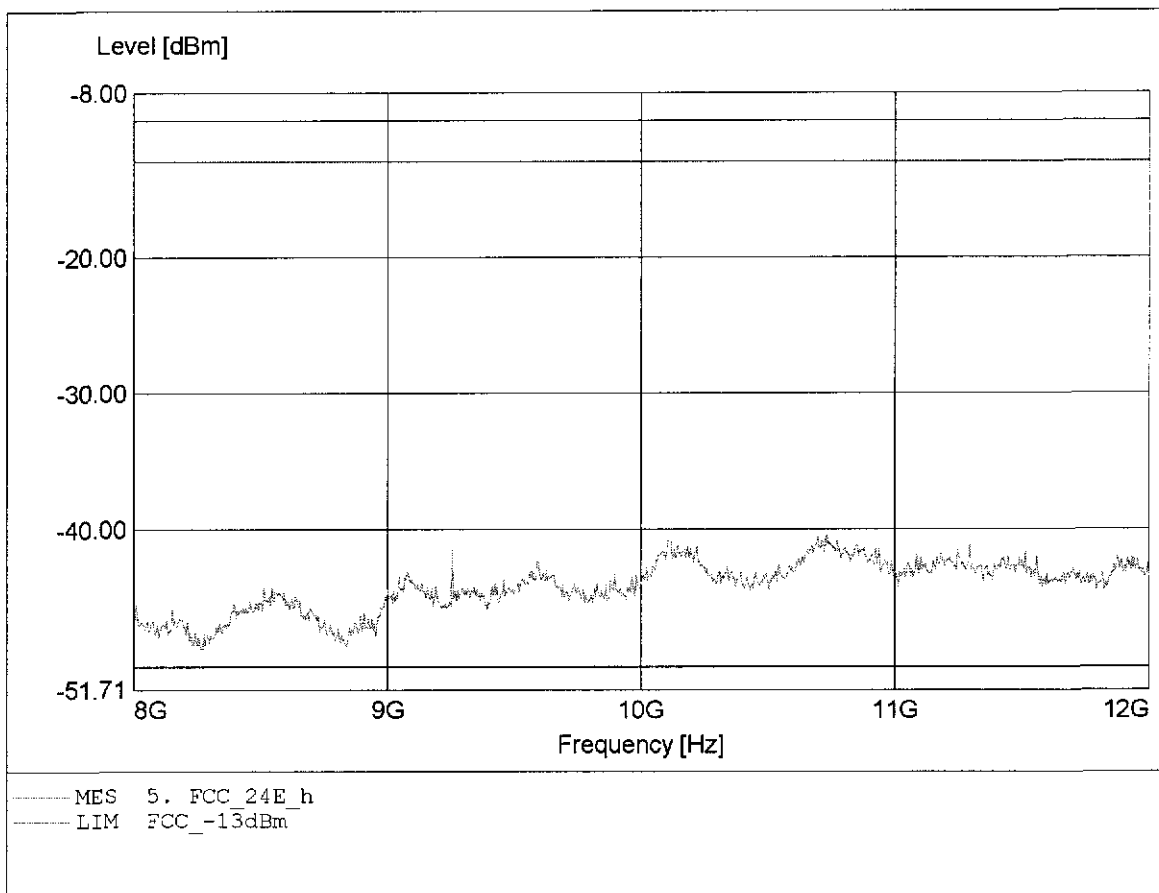
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.253GHz, Pmax: -39.15dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

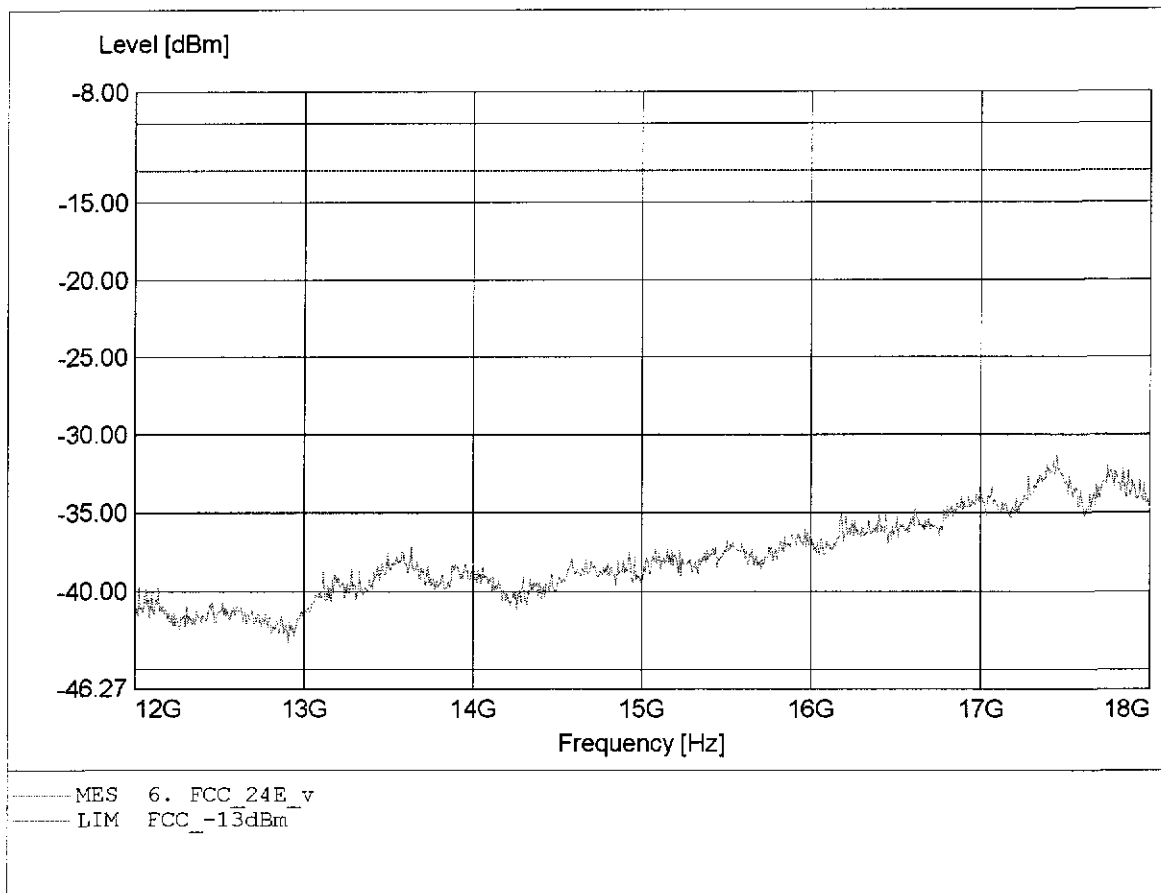
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EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.733GHz, Pmax: -40.38dBm, RBW: 1MHz





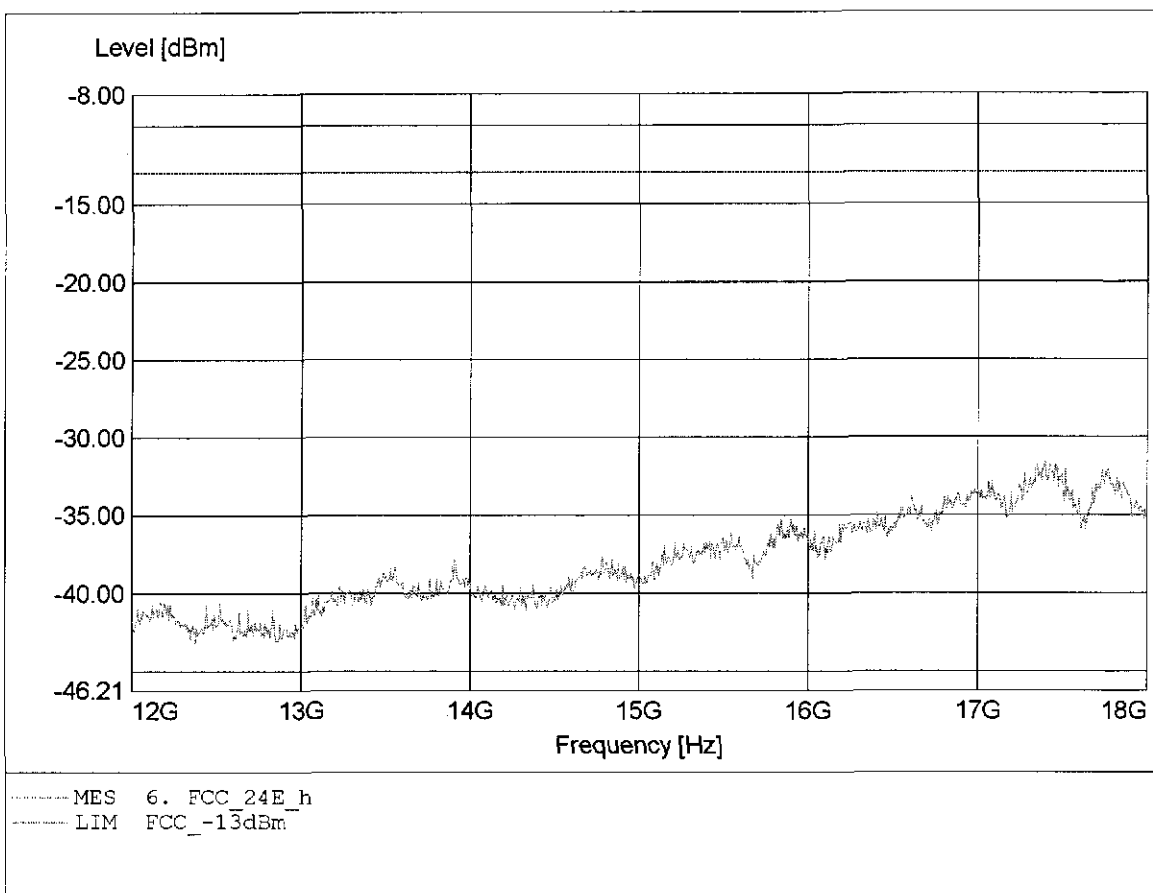
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.447GHz, Pmax: -31.37dBm, RBW: 1MHz



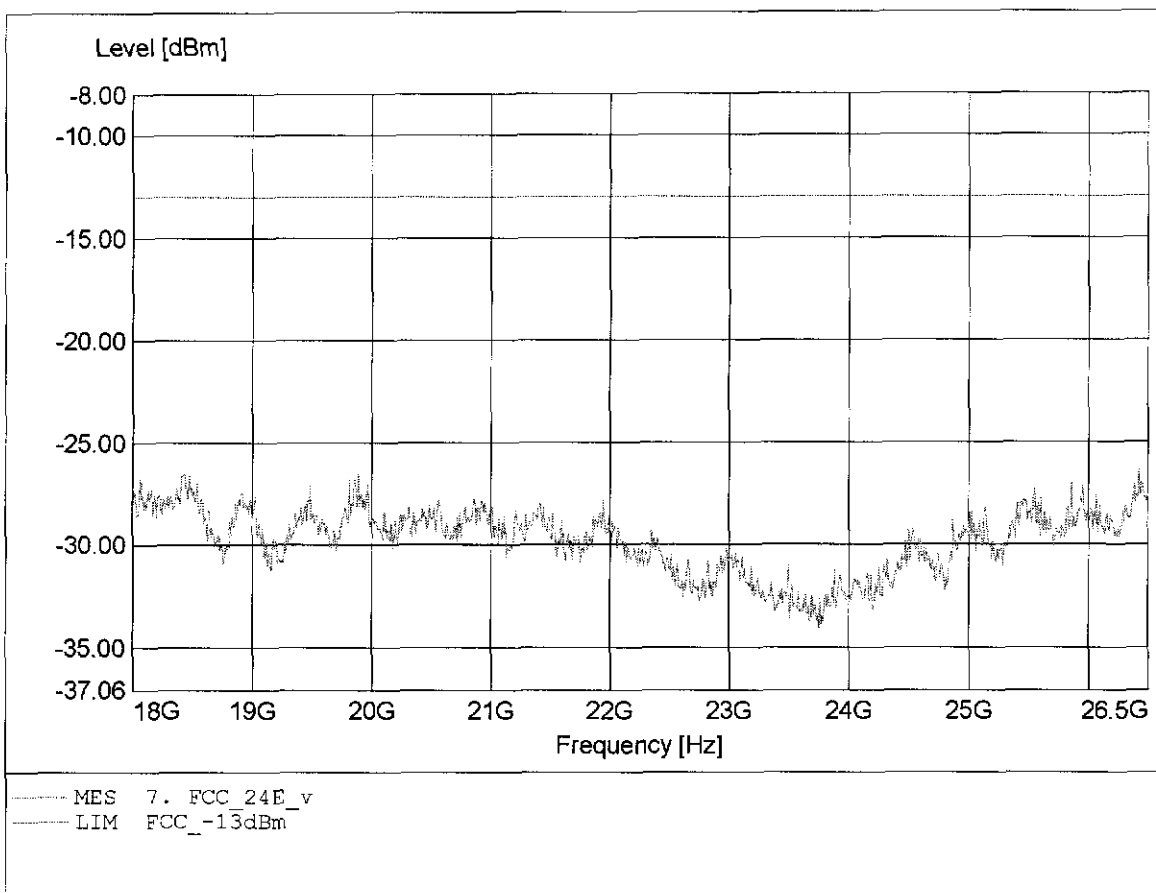
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.393GHz, Pmax: -31.53dBm, RBW: 1MHz



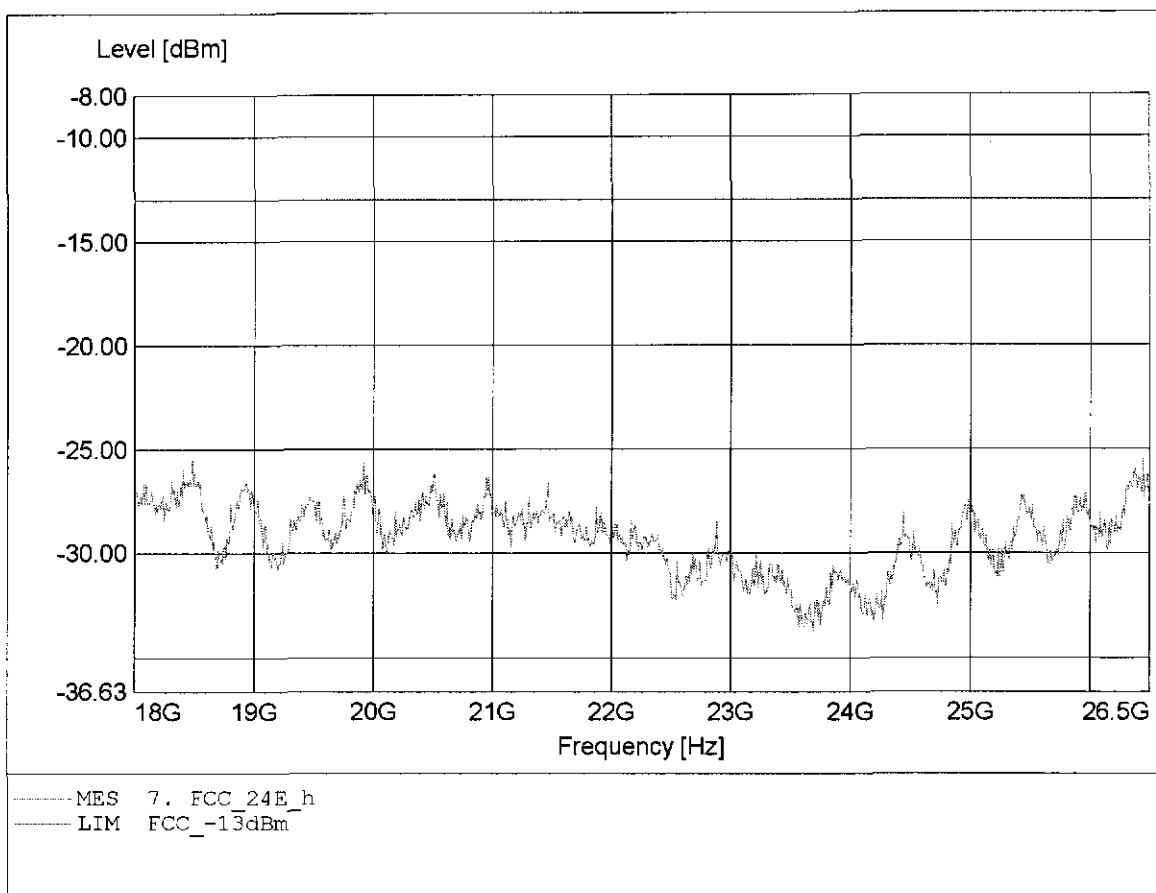
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.424GHz, Pmax: -26.33dBm, RBW: 1MHz



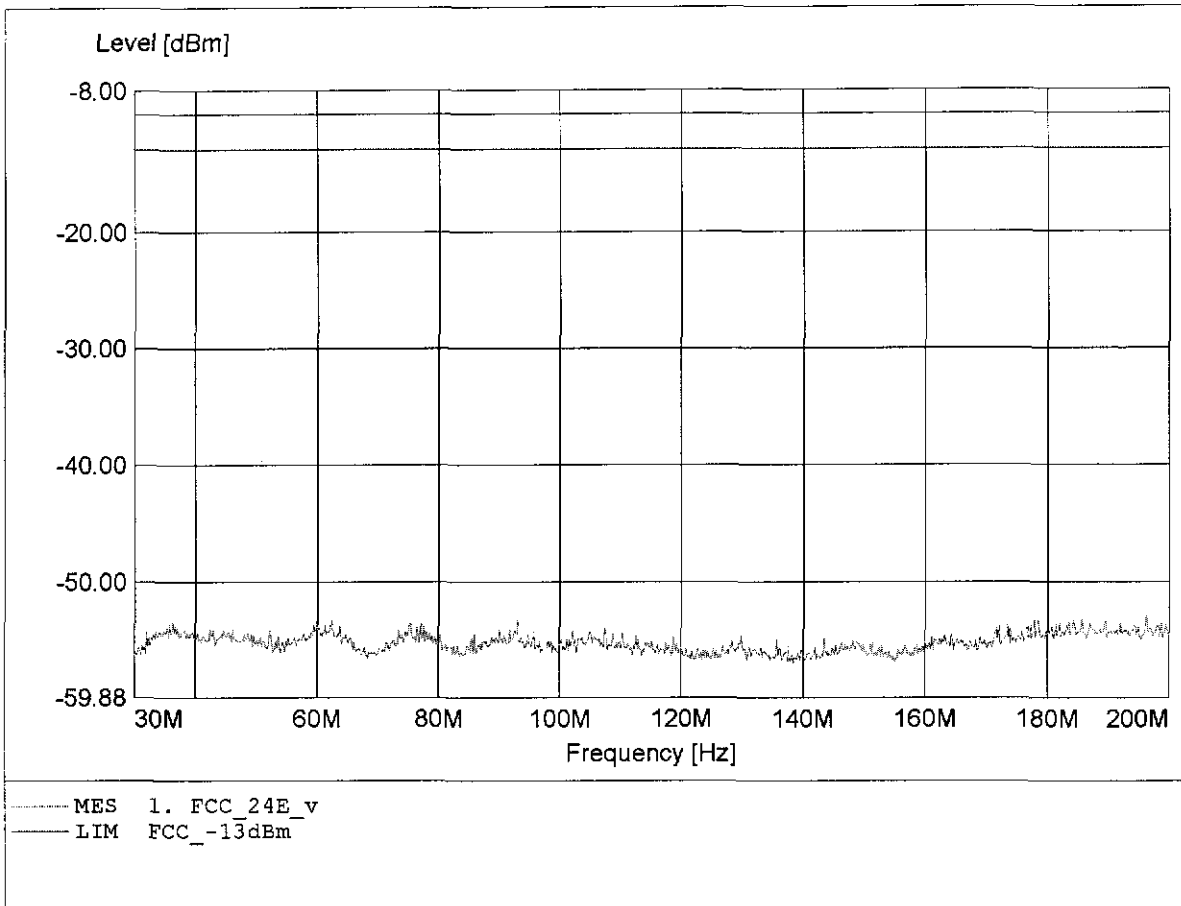
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.443GHz, Pmax: -25.50dBm, RBW: 1MHz



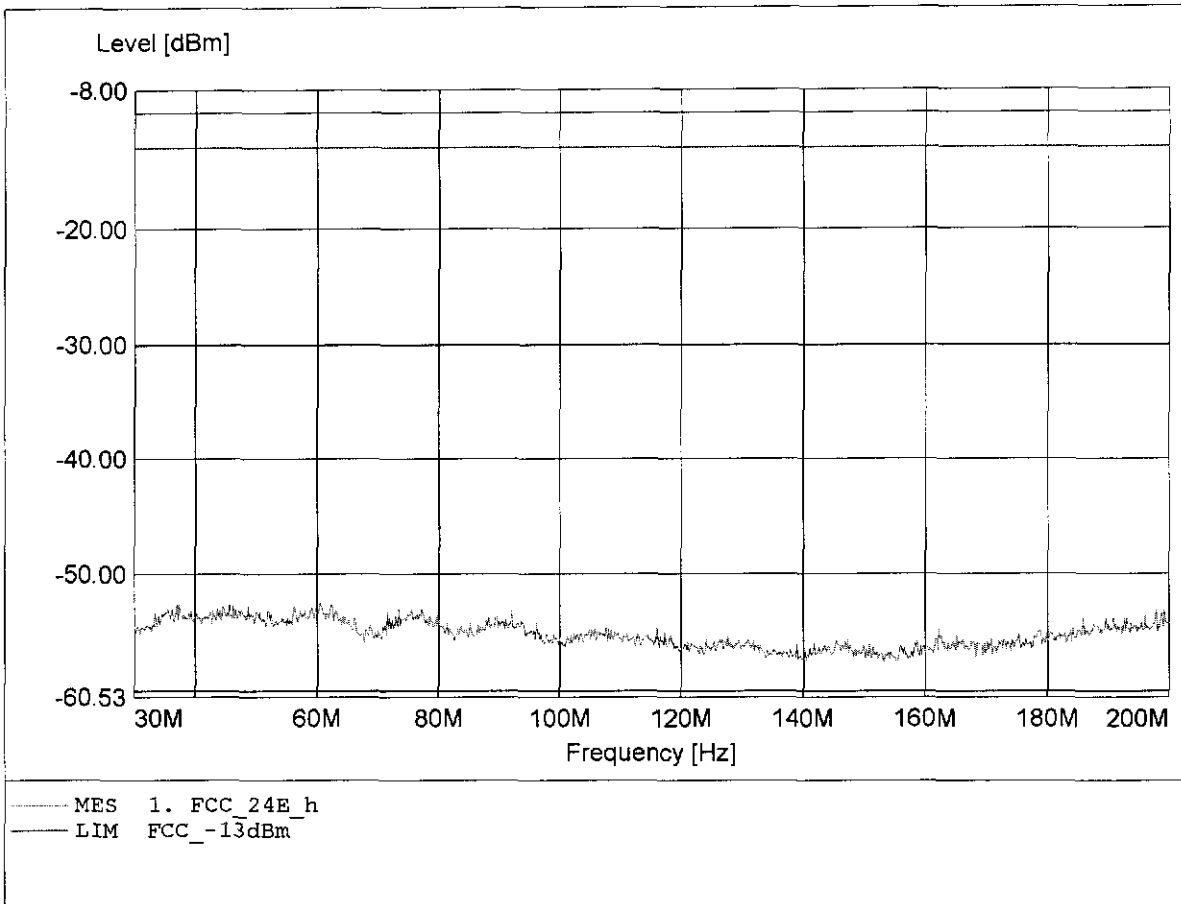
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 196.222MHz, Pmax: -52.79dBm, RBW: 1MHz



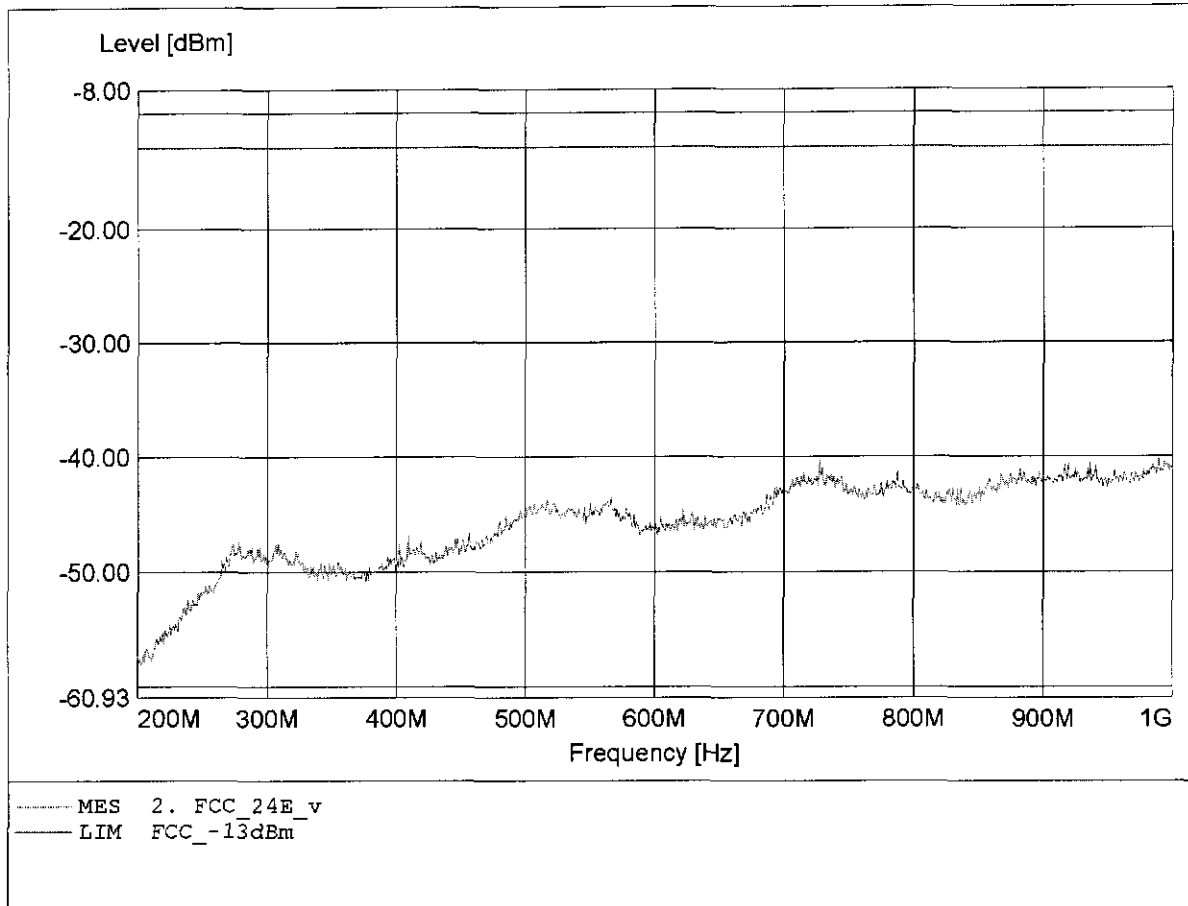
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 36.989MHz, Pmax: -52.44dBm, RBW: 1MHz



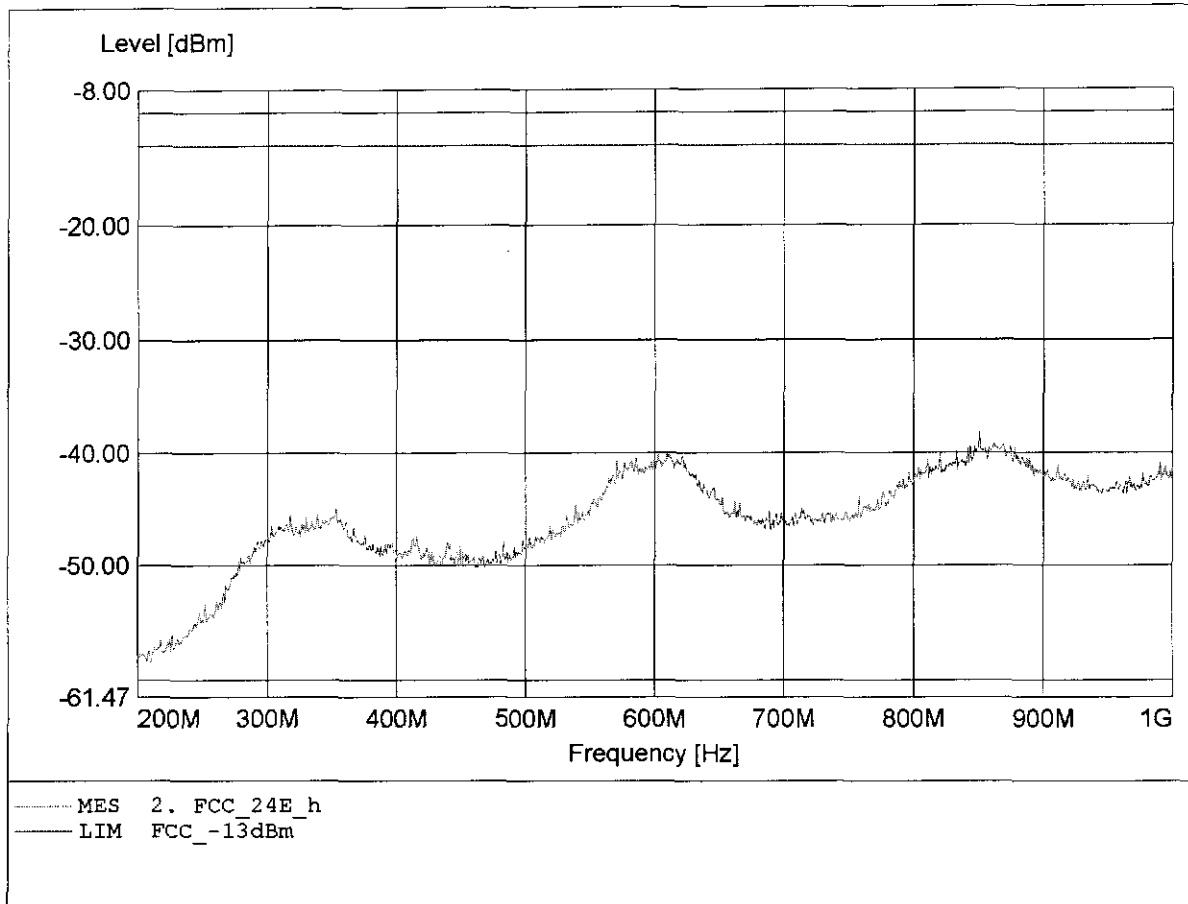
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**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 989.333MHz, Pmax: -40.29dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

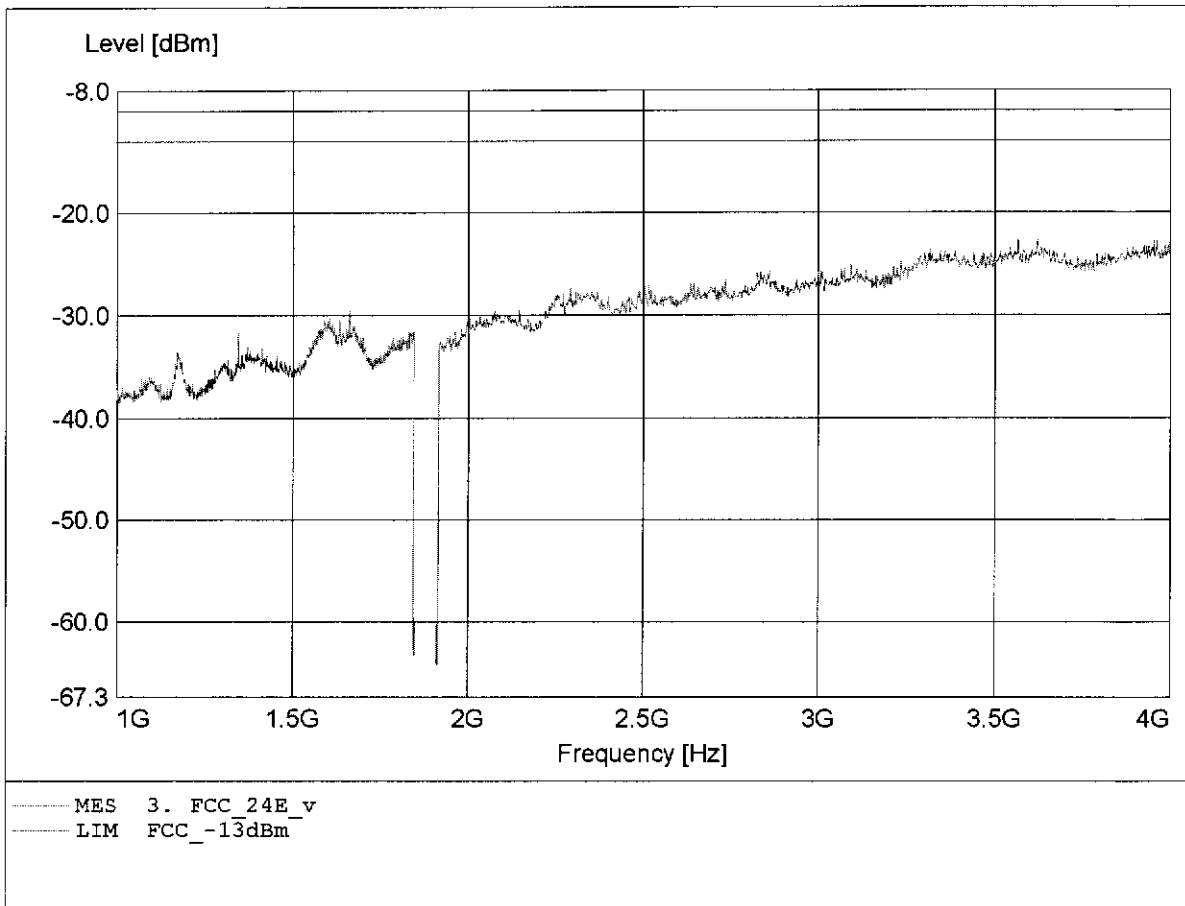
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EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 850.667MHz, Pmax: -38.19dBm, RBW: 1MHz





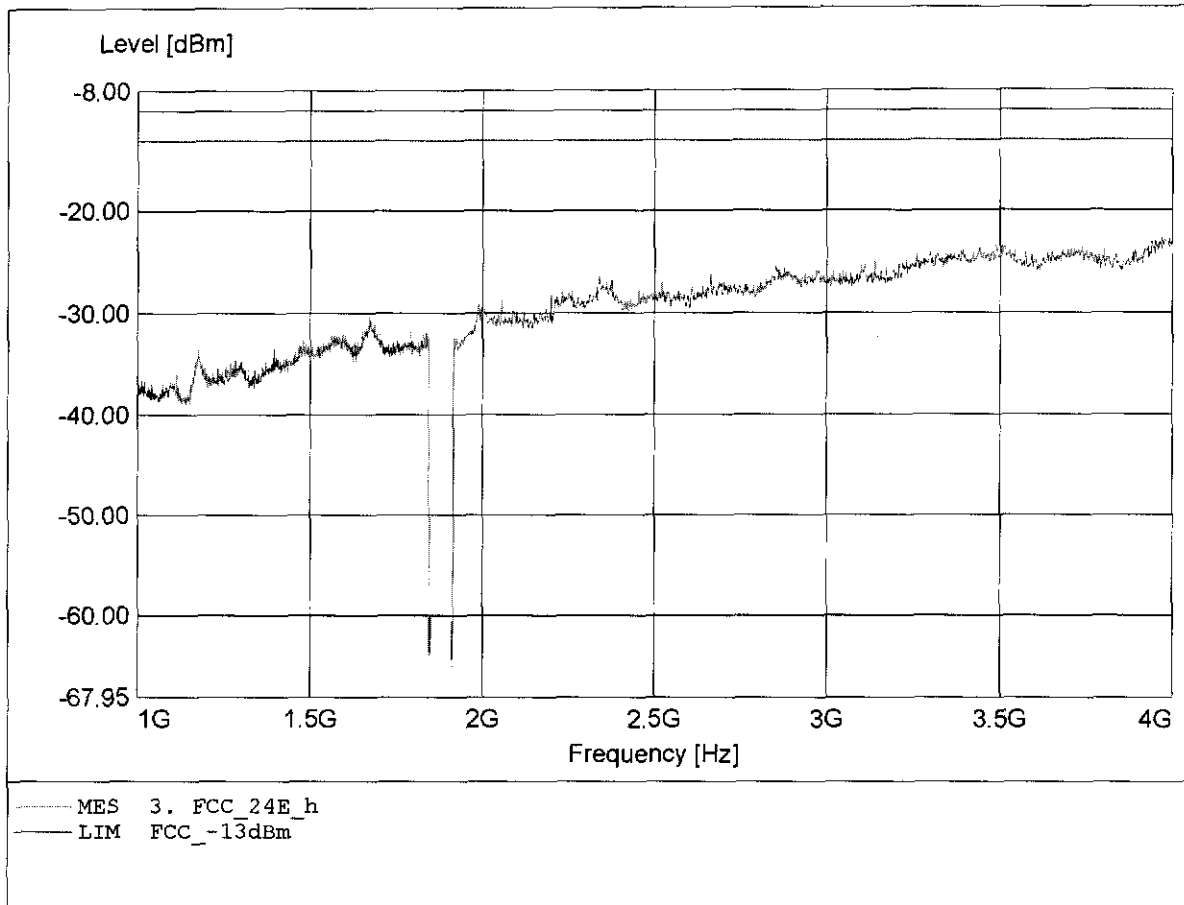
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.620GHz, Pmax: -22.64dBm, RBW: 1MHz/3kHz



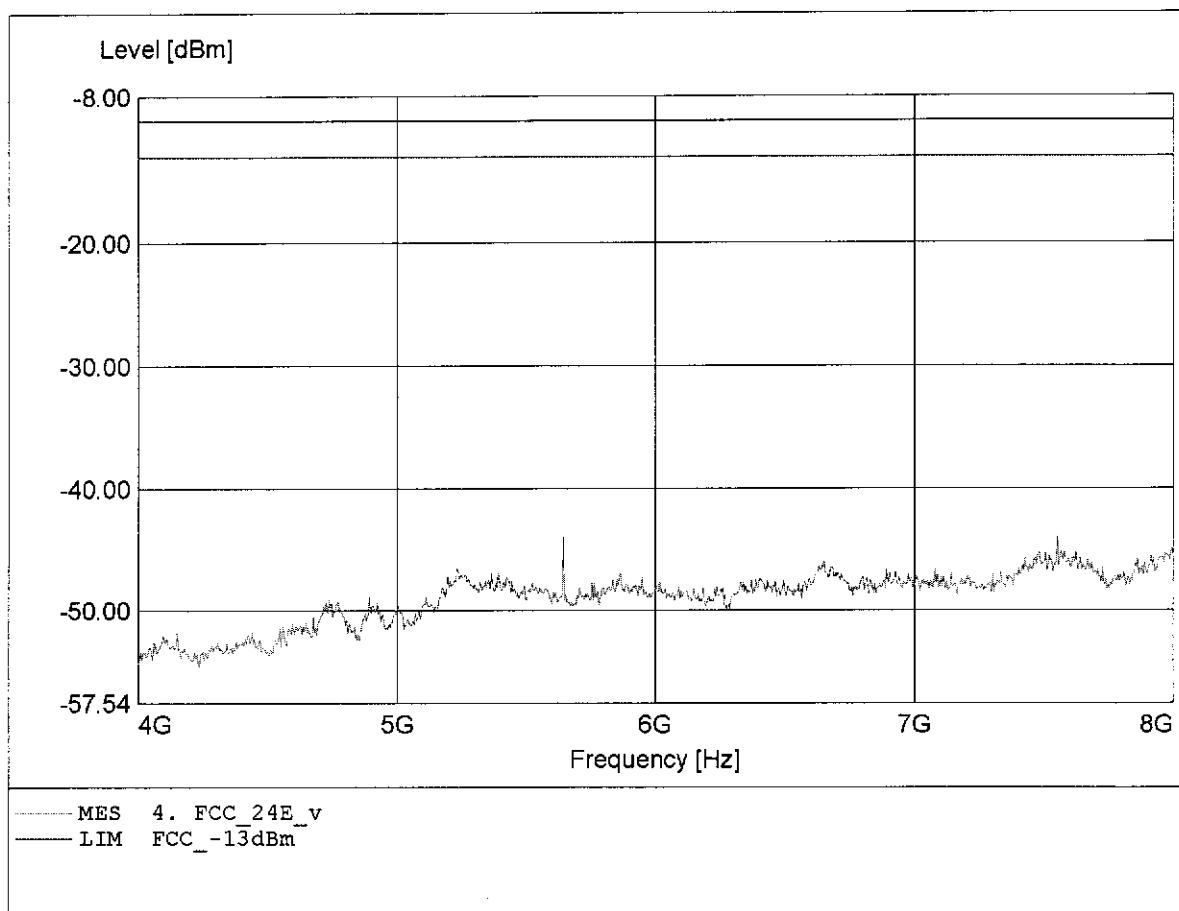
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.970GHz, Pmax: -22.71dBm, RBW: 1MHz/3kHz



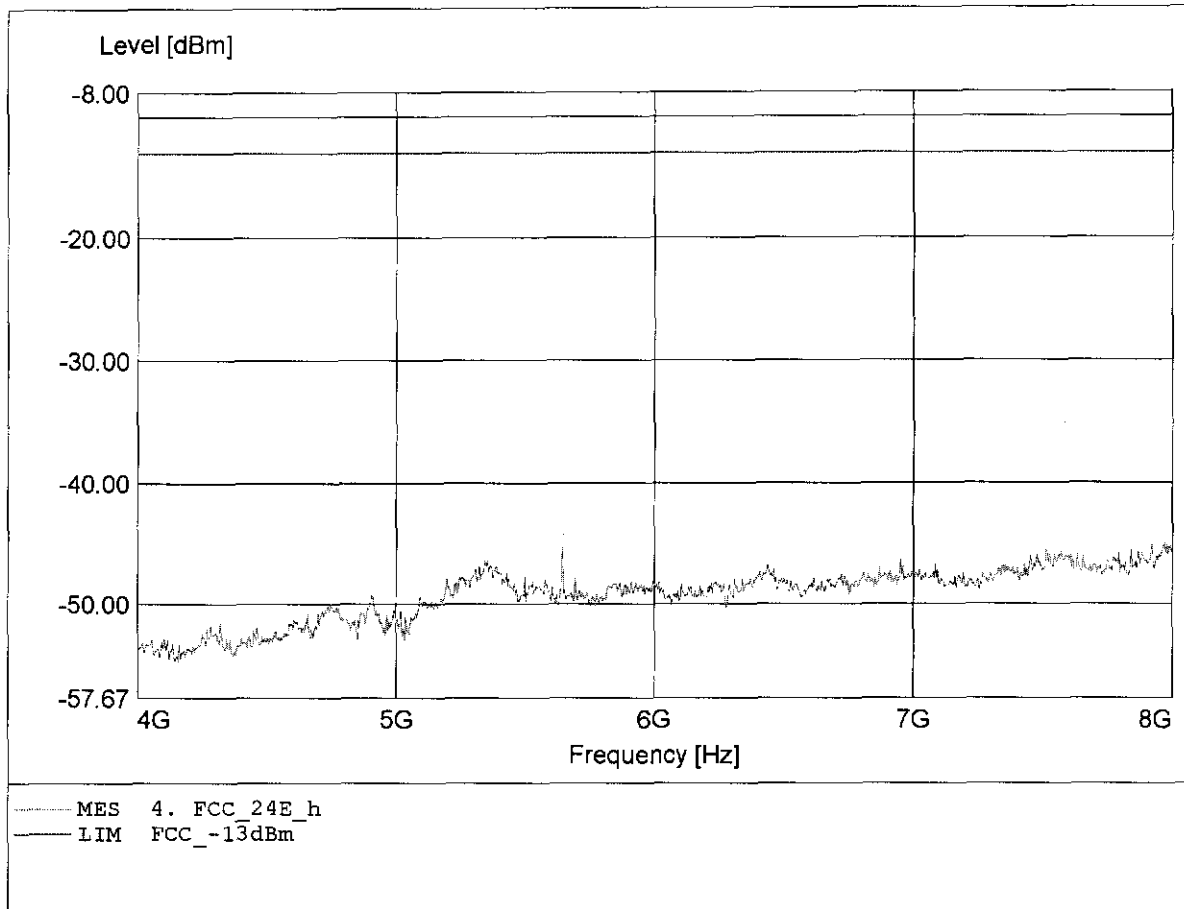
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.551GHz, Pmax: -43.61dBm, RBW: 1MHz



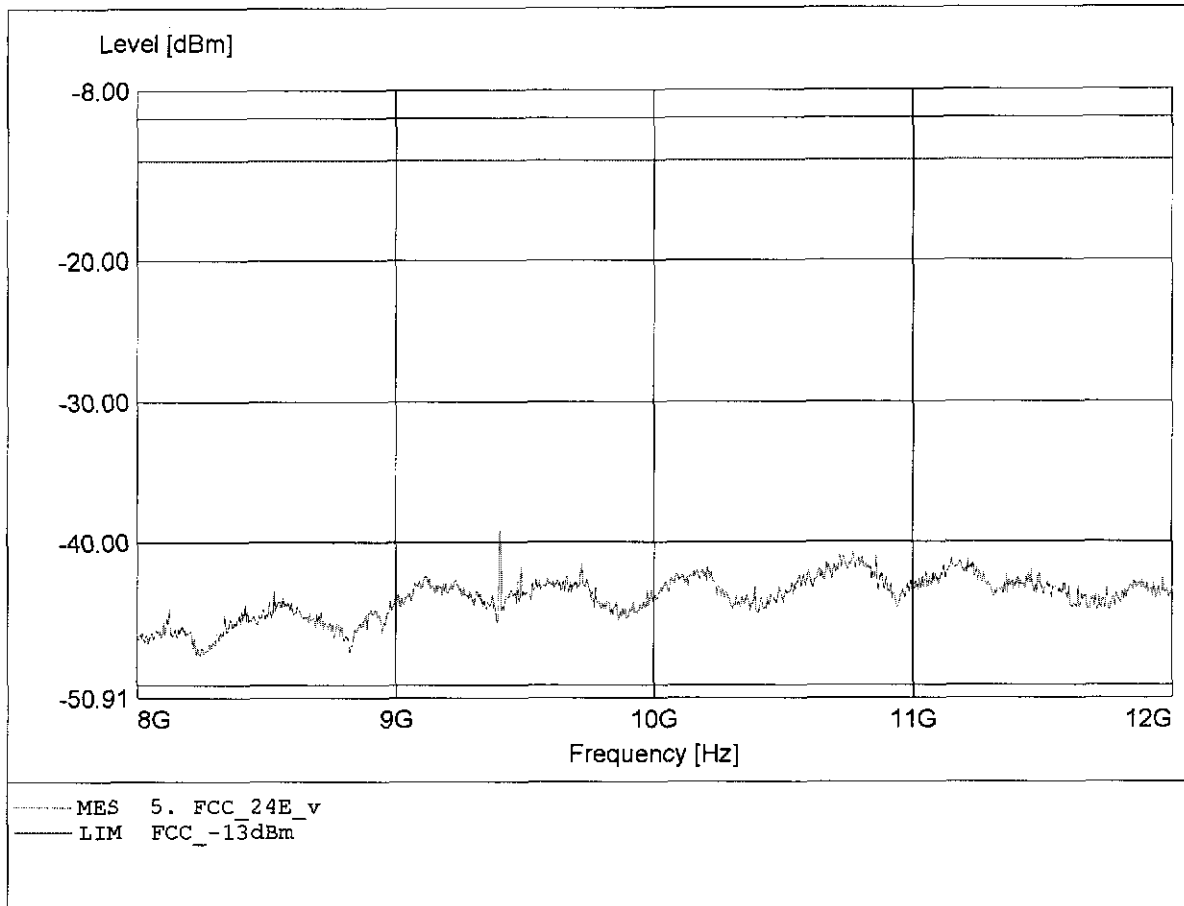
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HLO25, ampl.+HP.  
Comment 2: Freq: 5.644GHz, Pmax: -44.16dBm, RBW: 1MHz



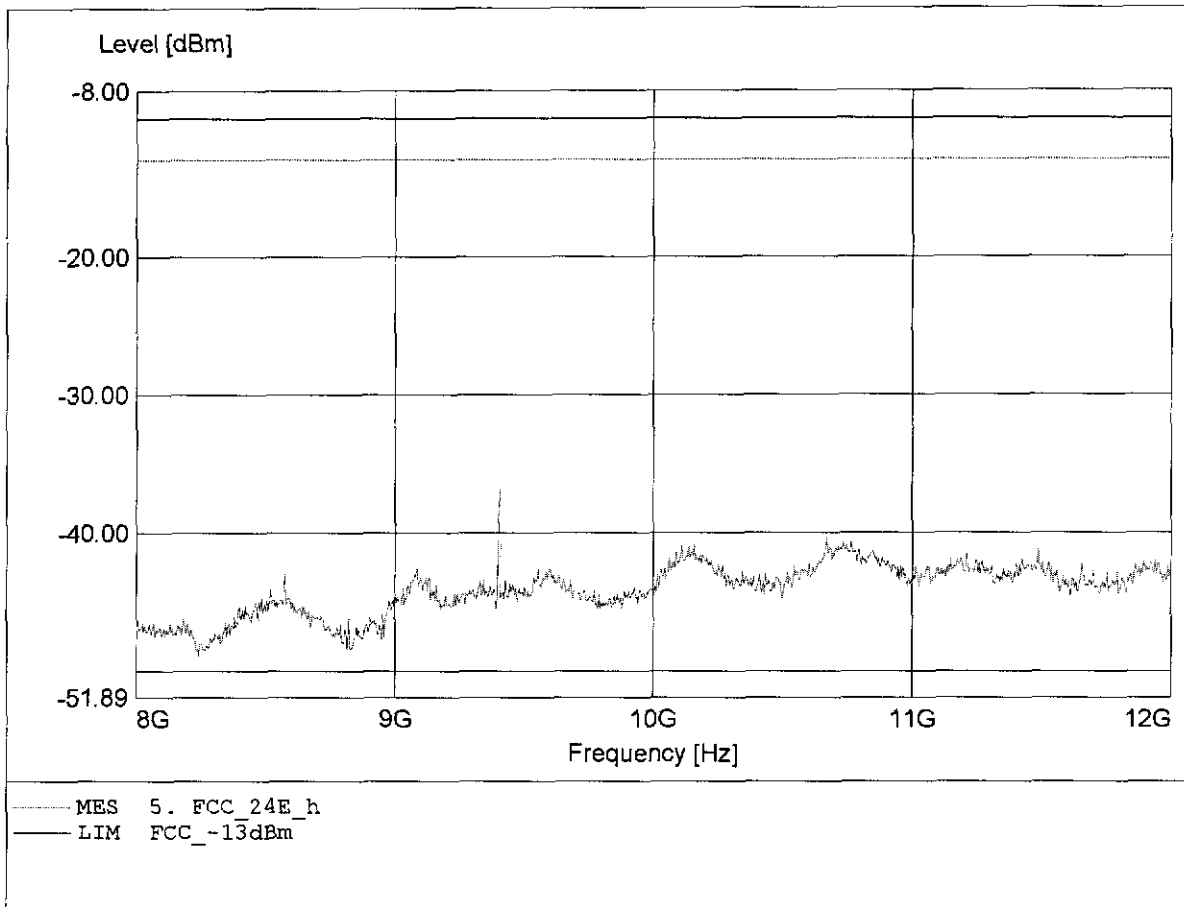
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.404GHz, Pmax: -39.12dBm, RBW: 1MHz



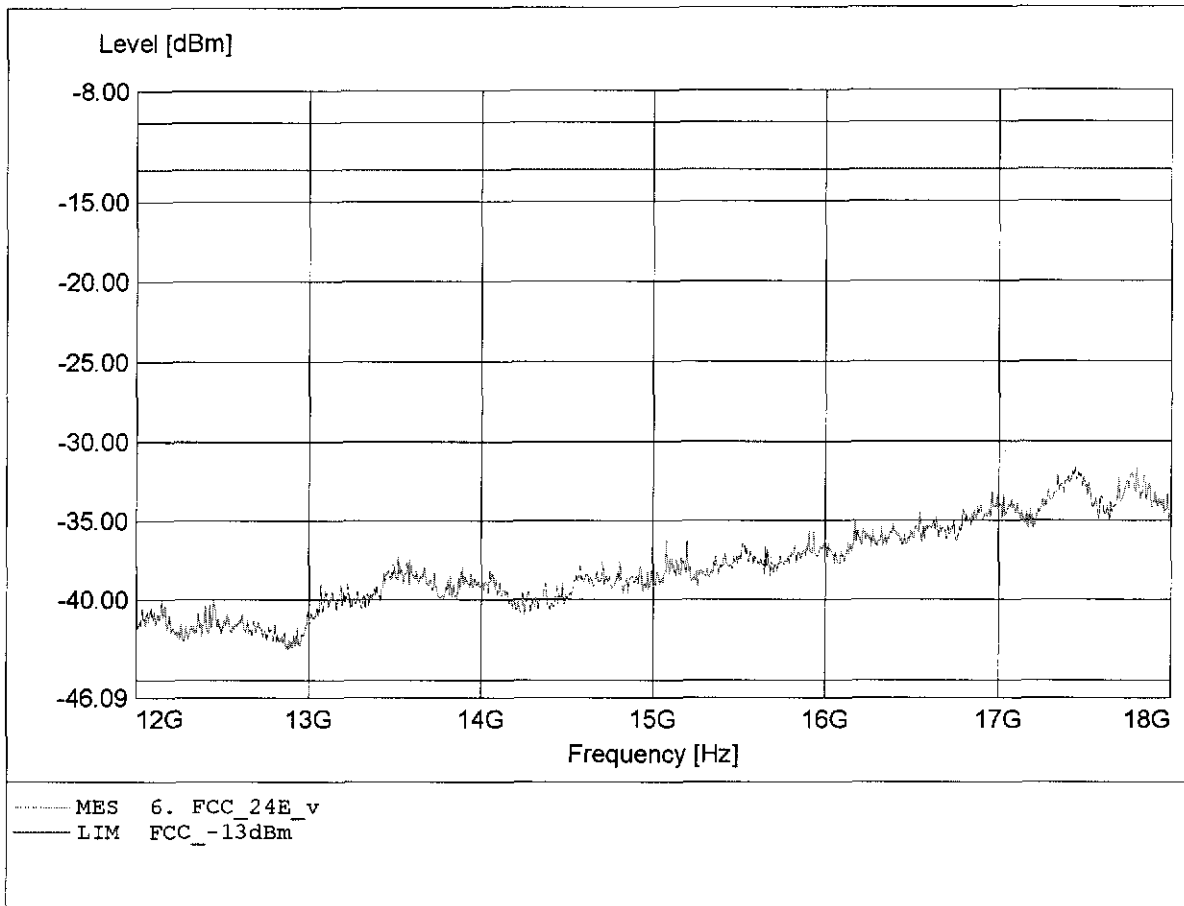
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.404GHz, Pmax: -36.80dBm, RBW: 1MHz



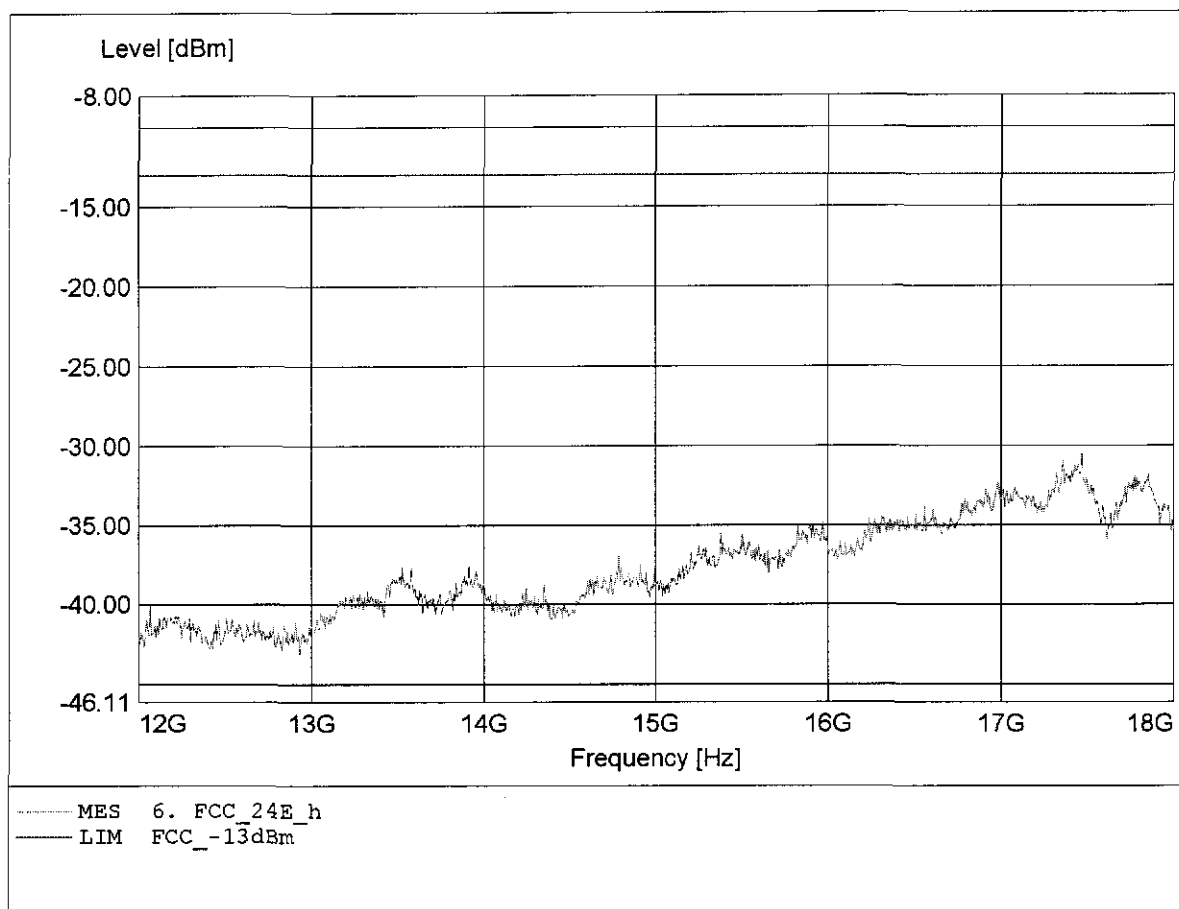
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.440GHz, Pmax: -31.64dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

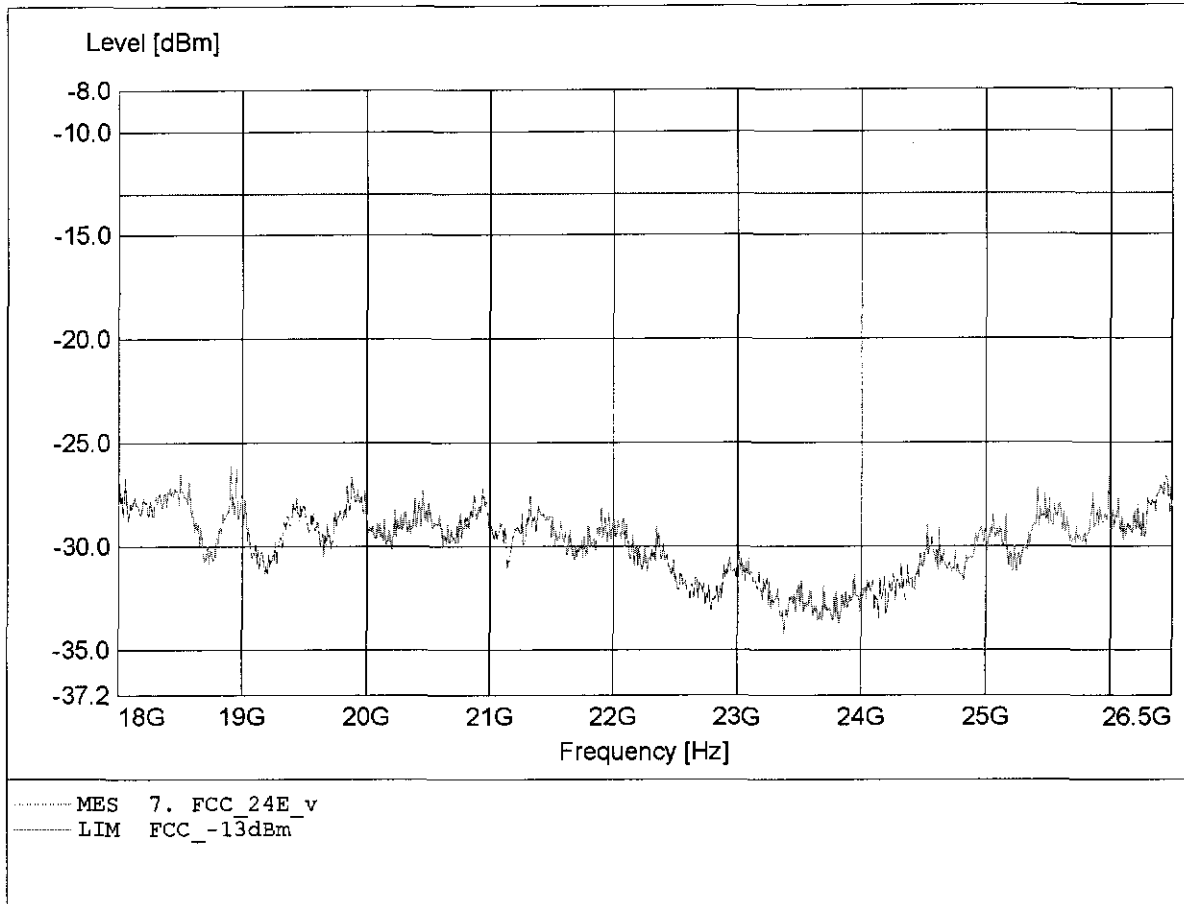
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EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.467GHz, Pmax: -30.53dBm, RBW: 1MHz





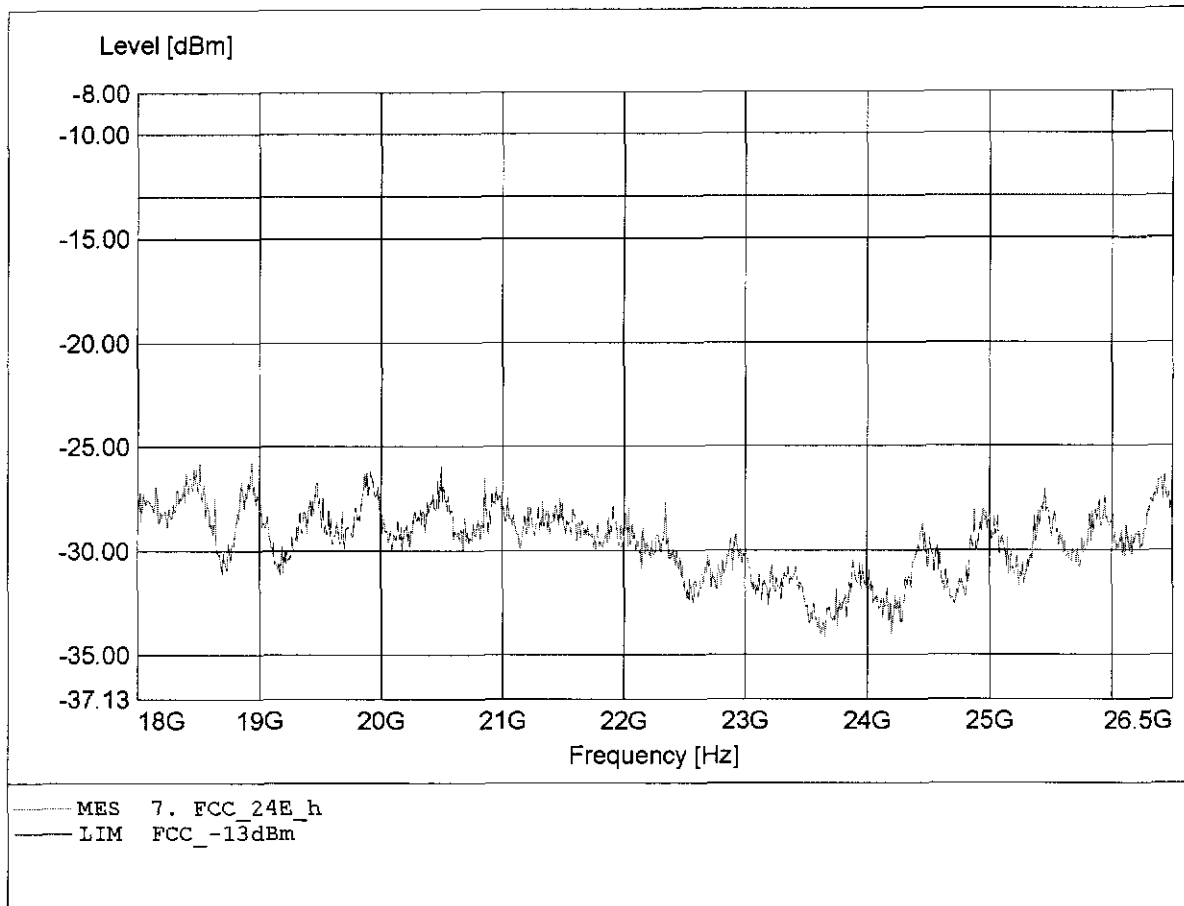
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.907GHz, Pmax: -26.09dBm, RBW: 1MHz



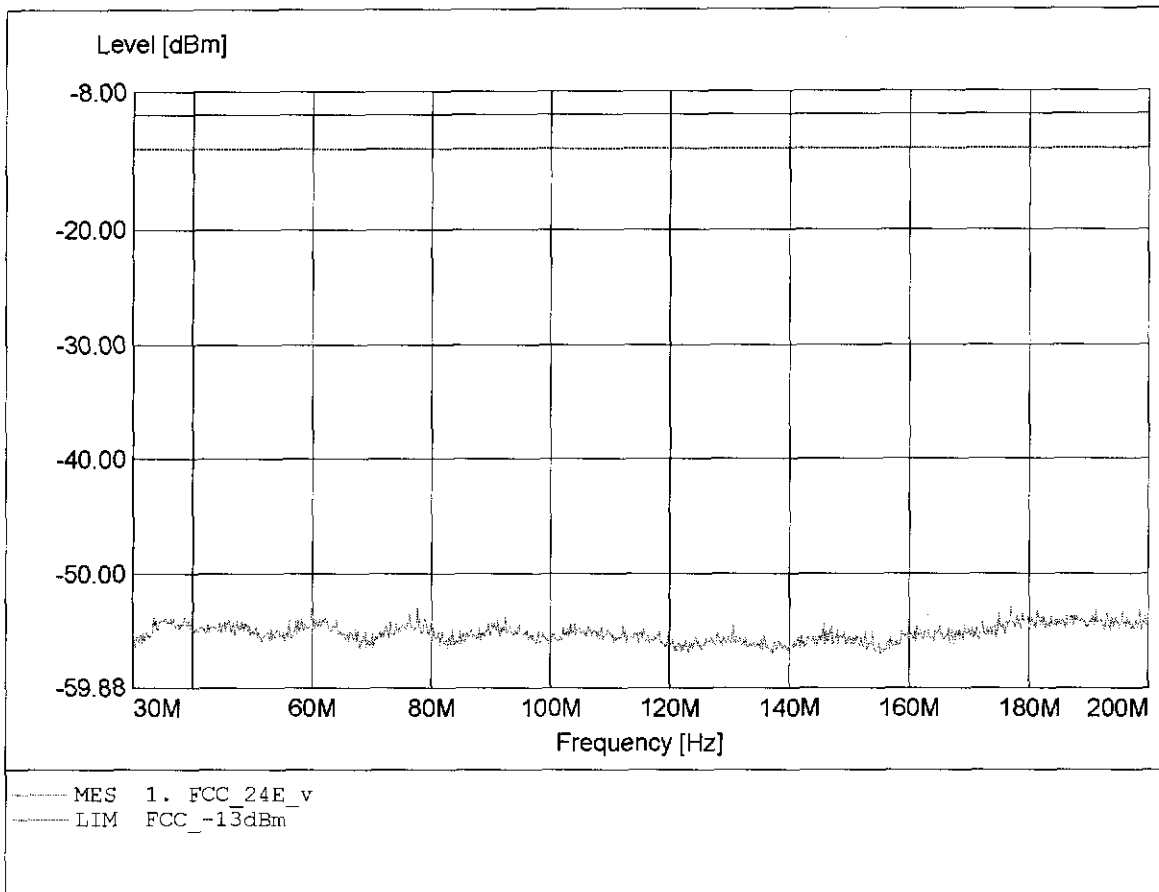
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.935GHz, Pmax: -25.81dBm, RBW: 1MHz



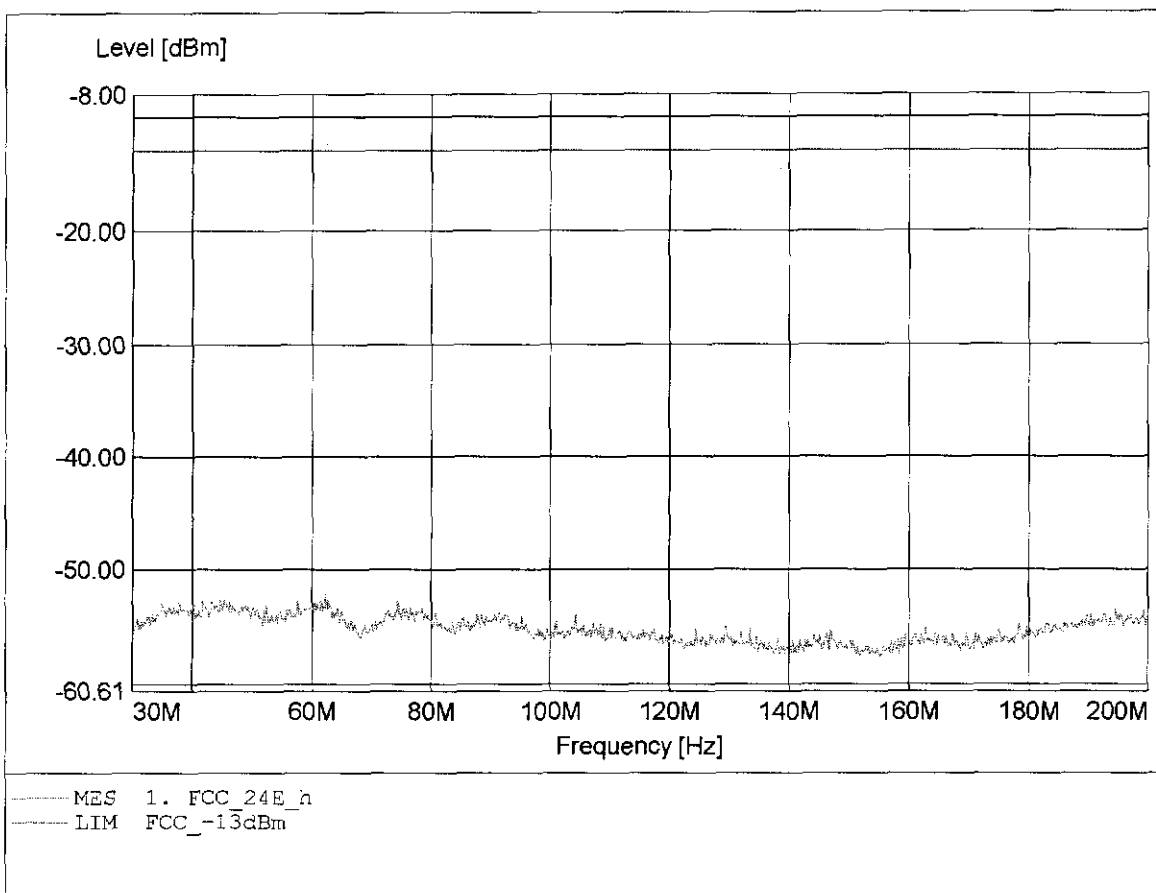
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 176.956MHz, Pmax: -52.82dBm, RBW: 1MHz



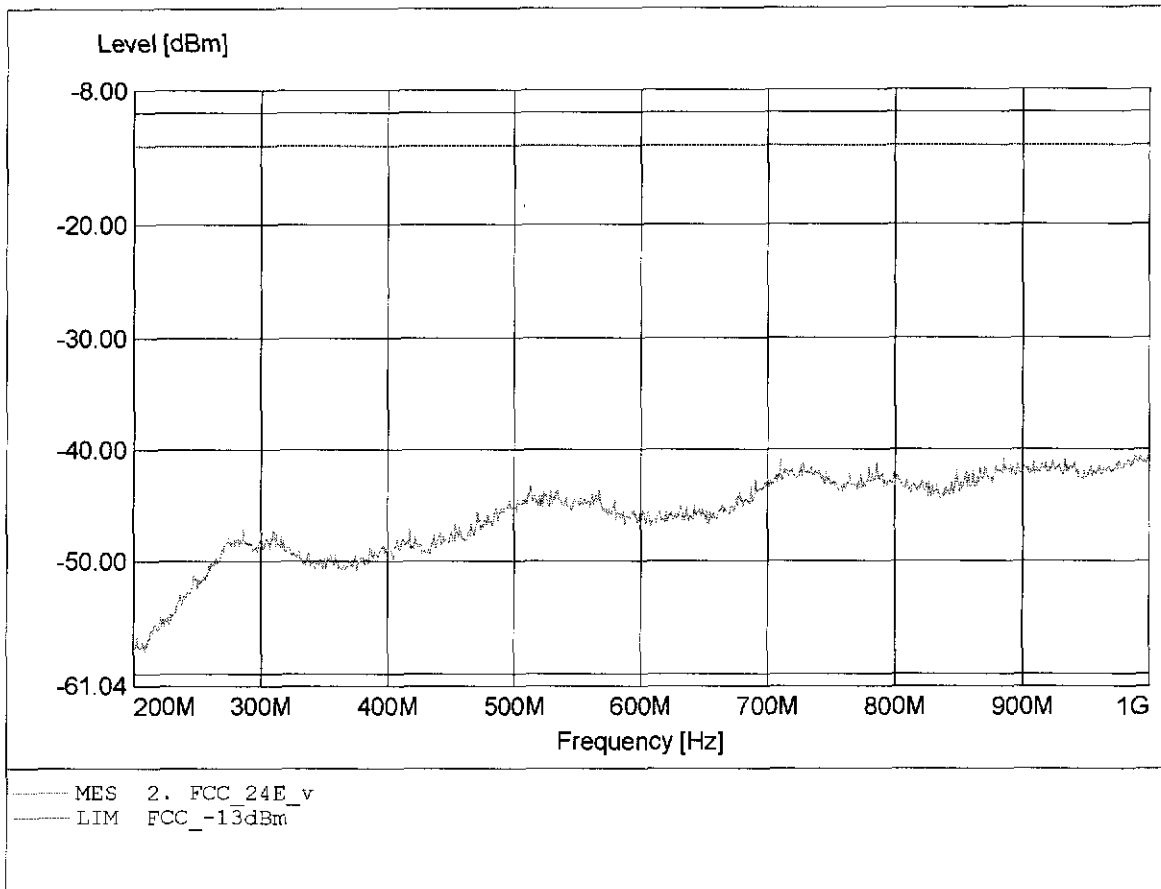
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 62.300MHz, Pmax: -52.08dBm, RBW: 1MHz



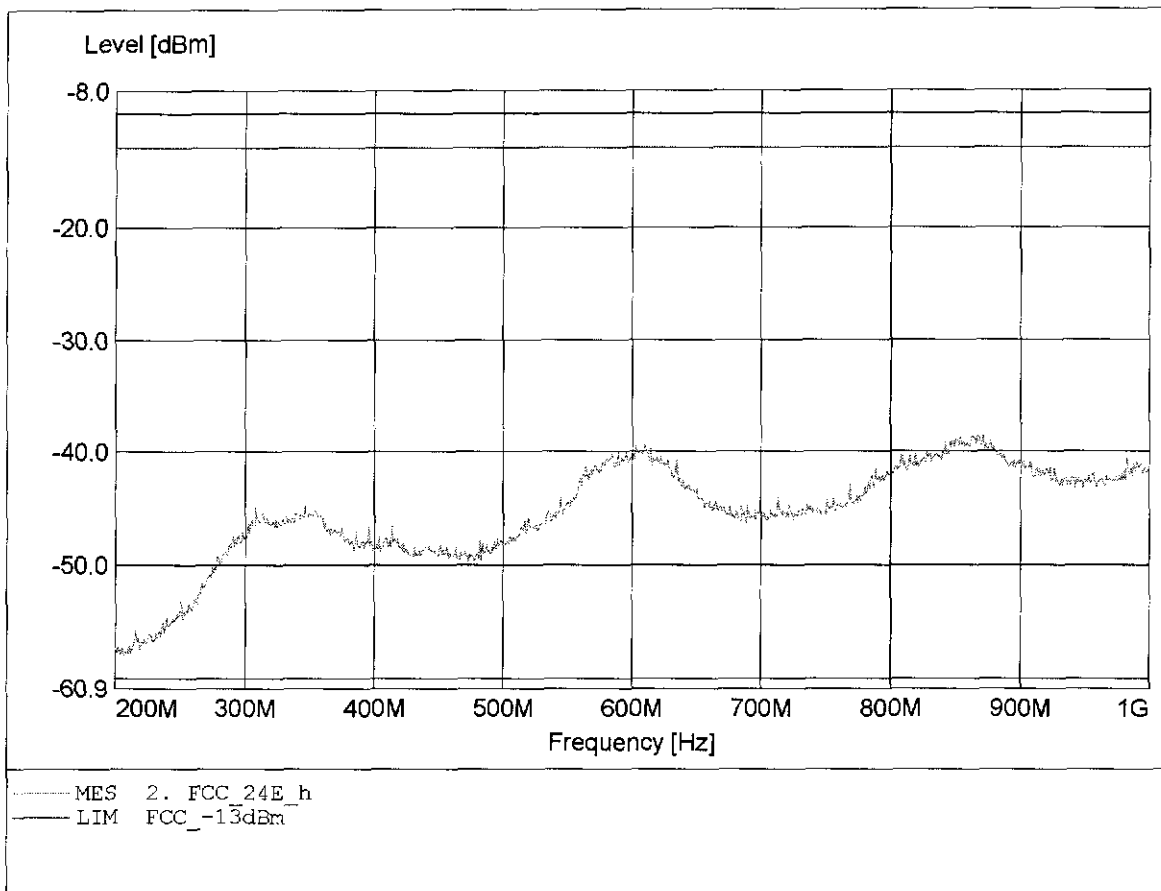
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 1000.000MHz, Pmax: -40.46dBm, RBW: 1MHz



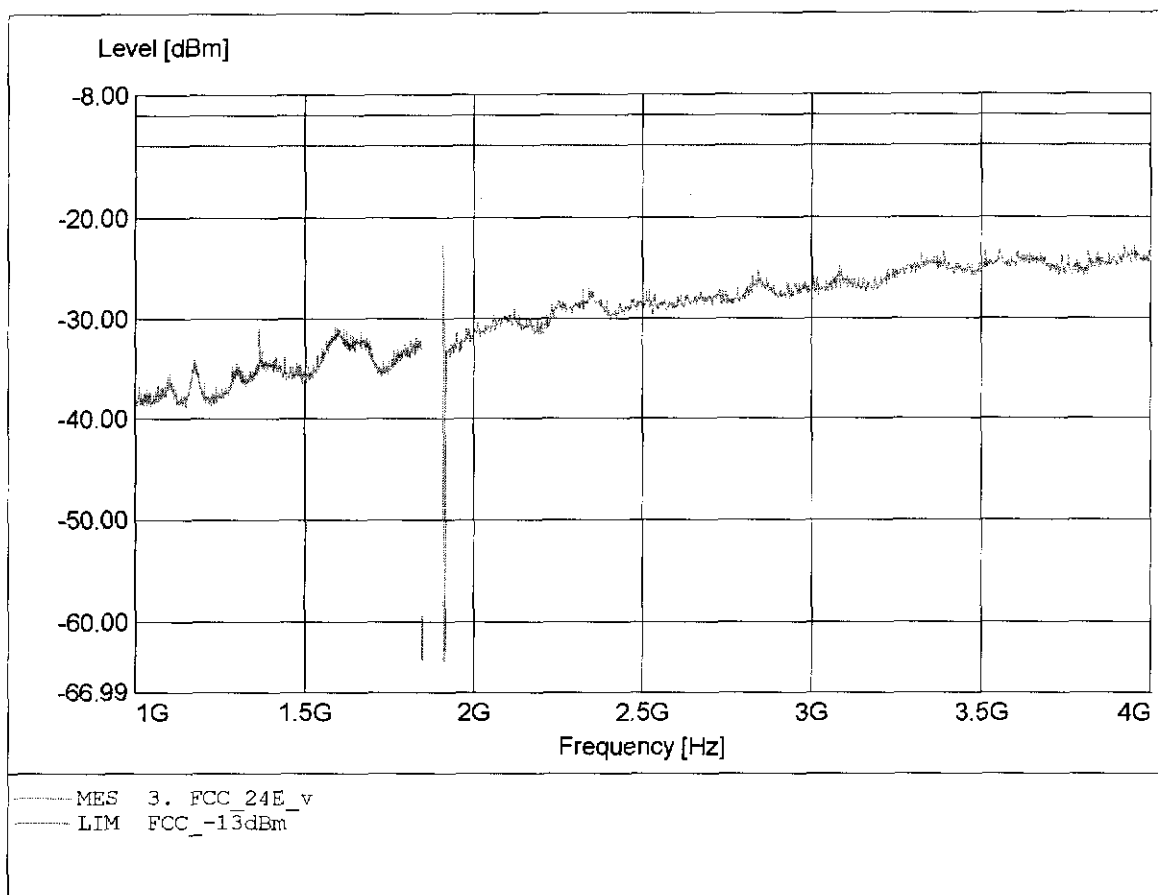
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 862.222MHz, Pmax: -38.42dBm, RBW: 1MHz



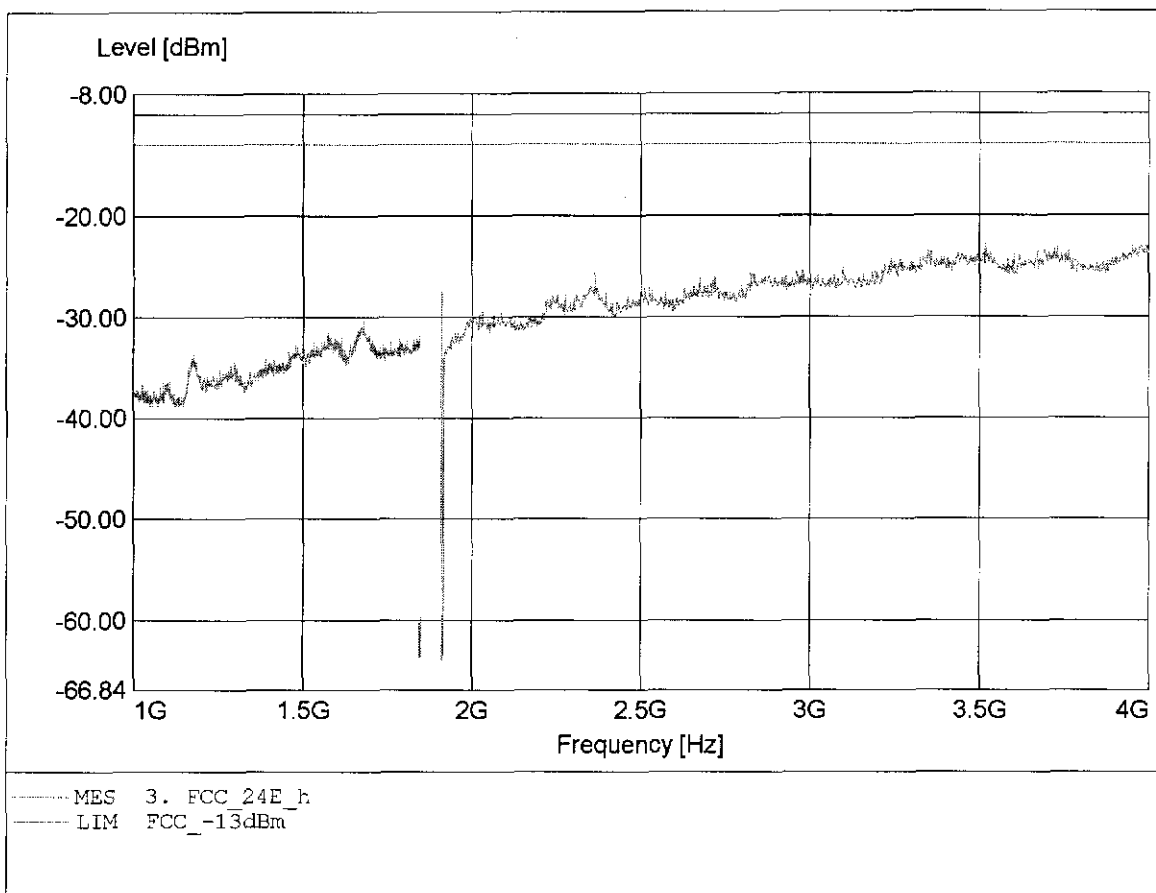
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.954GHz, Pmax: -22.62dBm, RBW: 1MHz/3kHz



**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

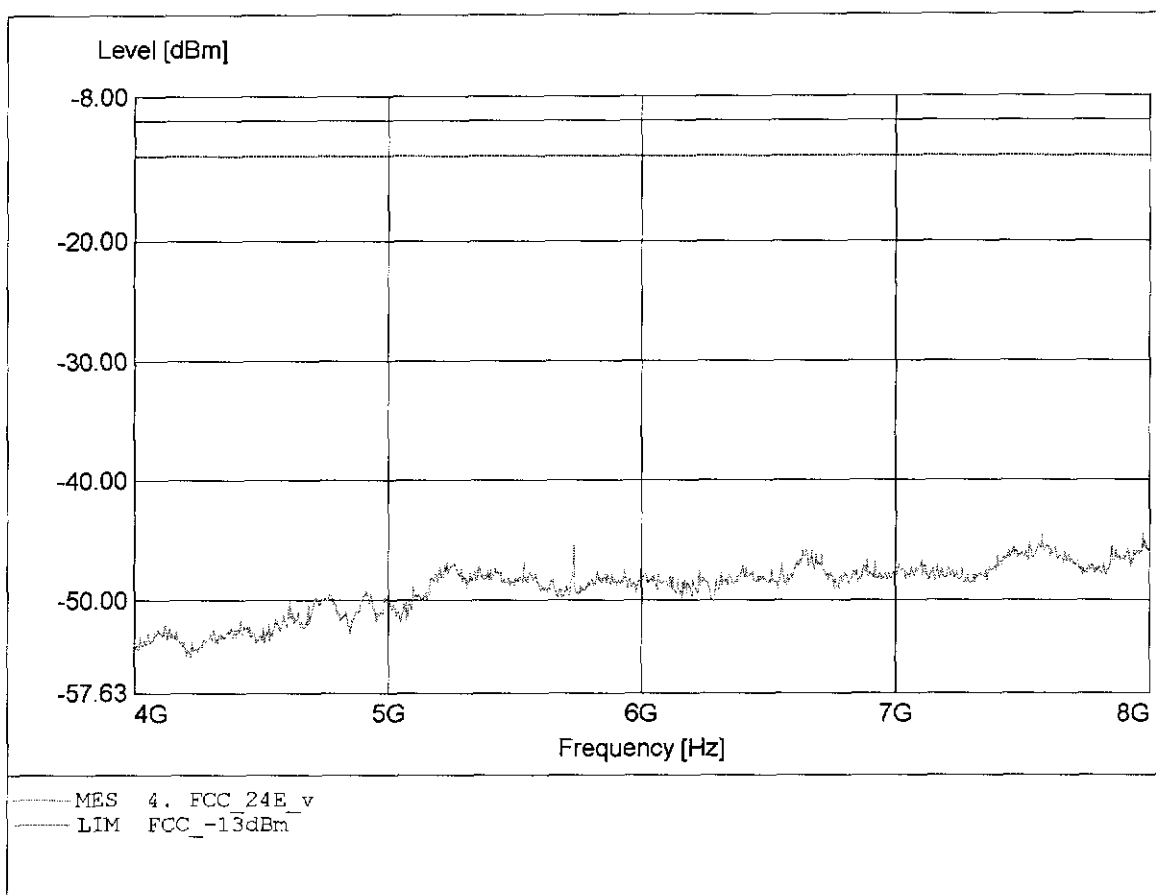
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EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.518GHz, Pmax: -22.84dBm, RBW: 1MHz/3kHz





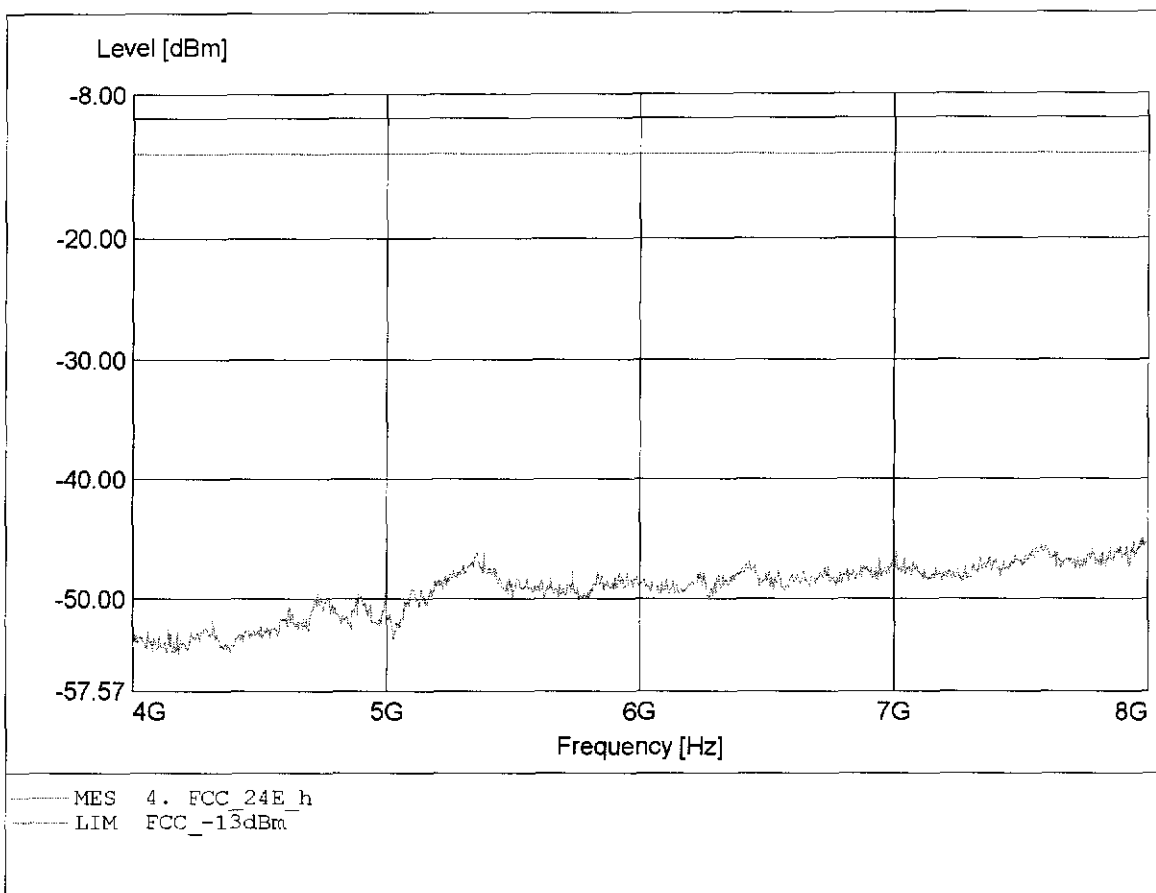
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.973GHz, Pmax: -44.49dBm, RBW: 1MHz



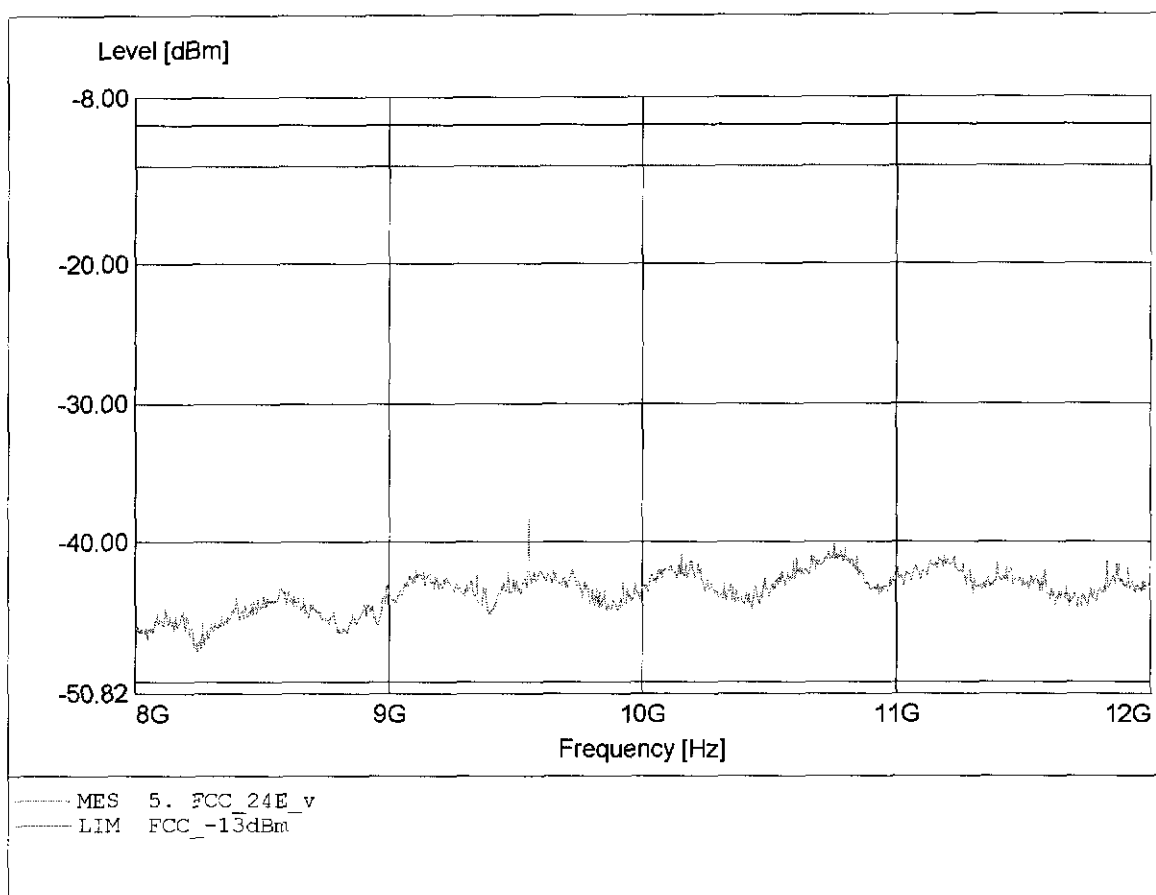
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.969GHz, Pmax: -44.96dBm, RBW: 1MHz



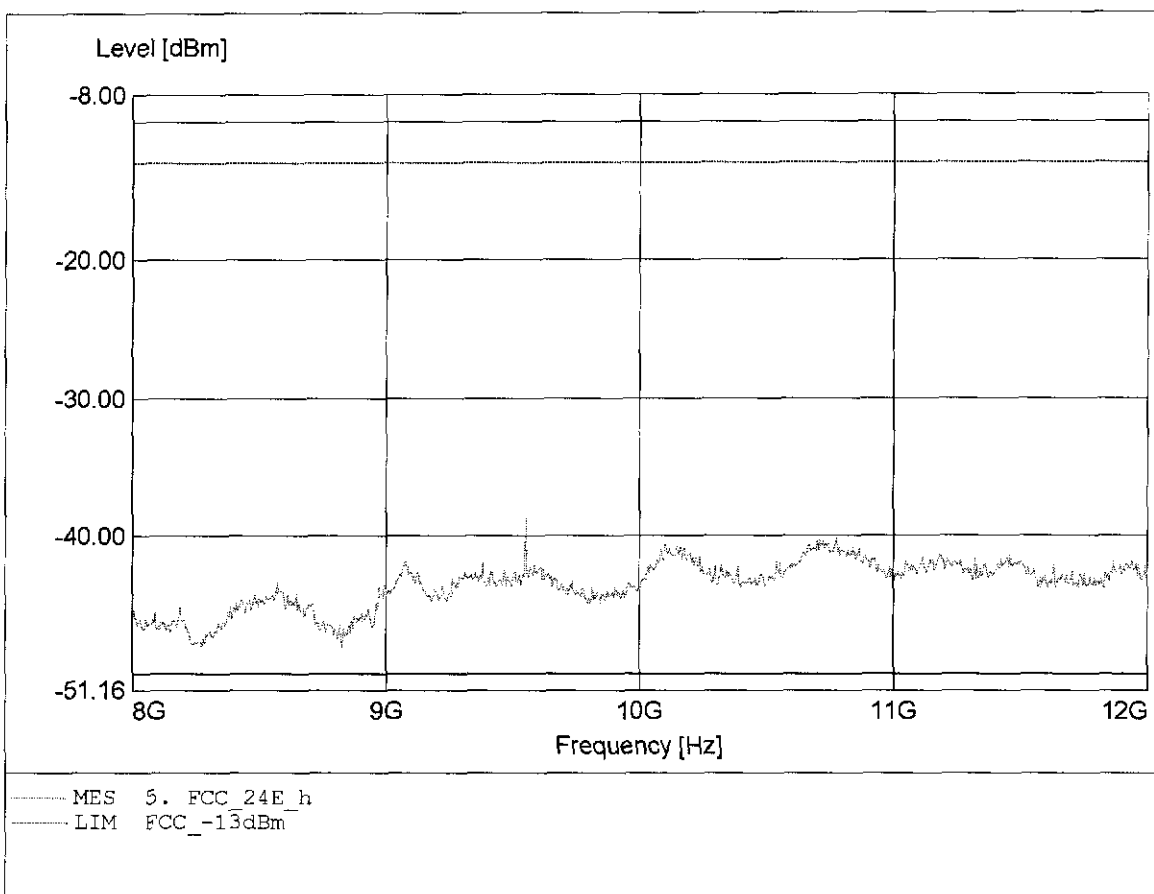
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.551GHz, Pmax: -38.38dBm, RBW: 1MHz



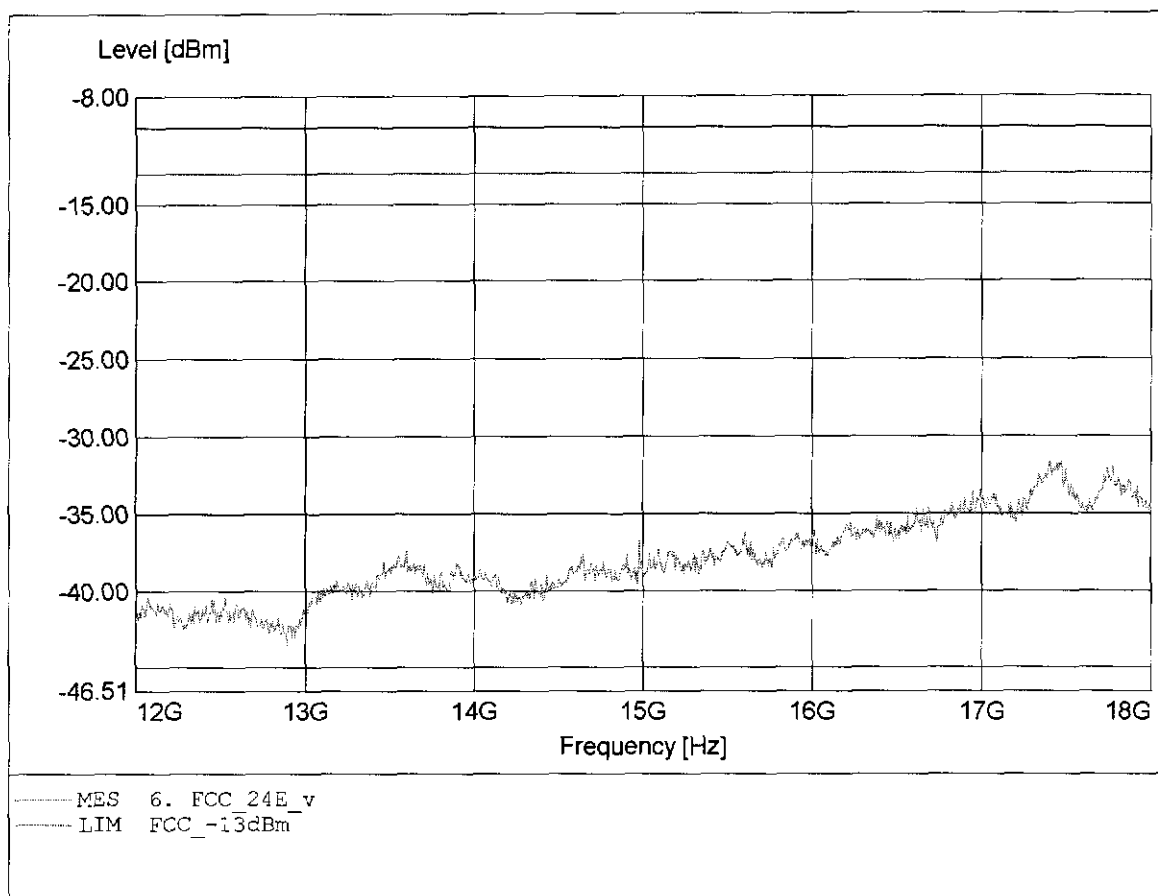
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.551GHz, Pmax: -38.79dBm, RBW: 1MHz



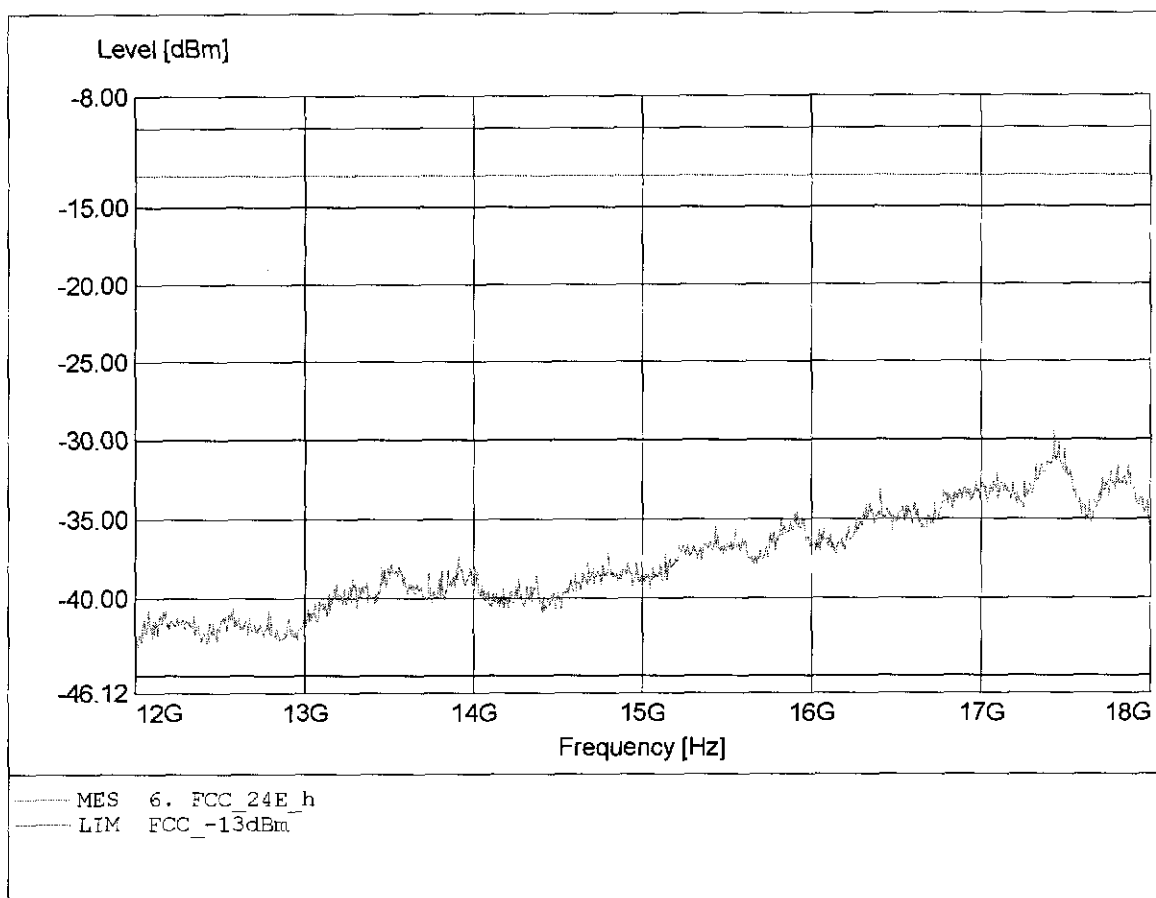
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.467GHz, Pmax: -31.66dBm, RBW: 1MHz



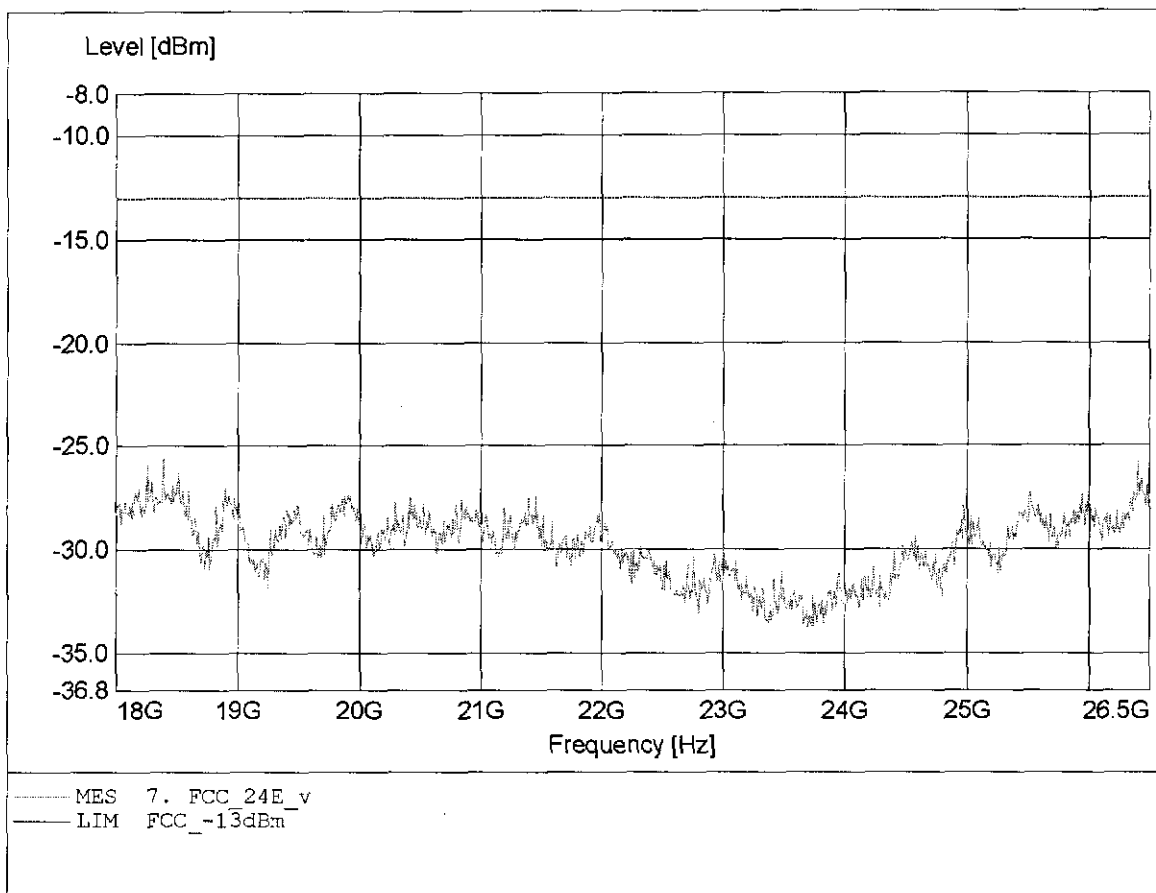
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.427GHz, Pmax: -29.36dBm, RBW: 1MHz



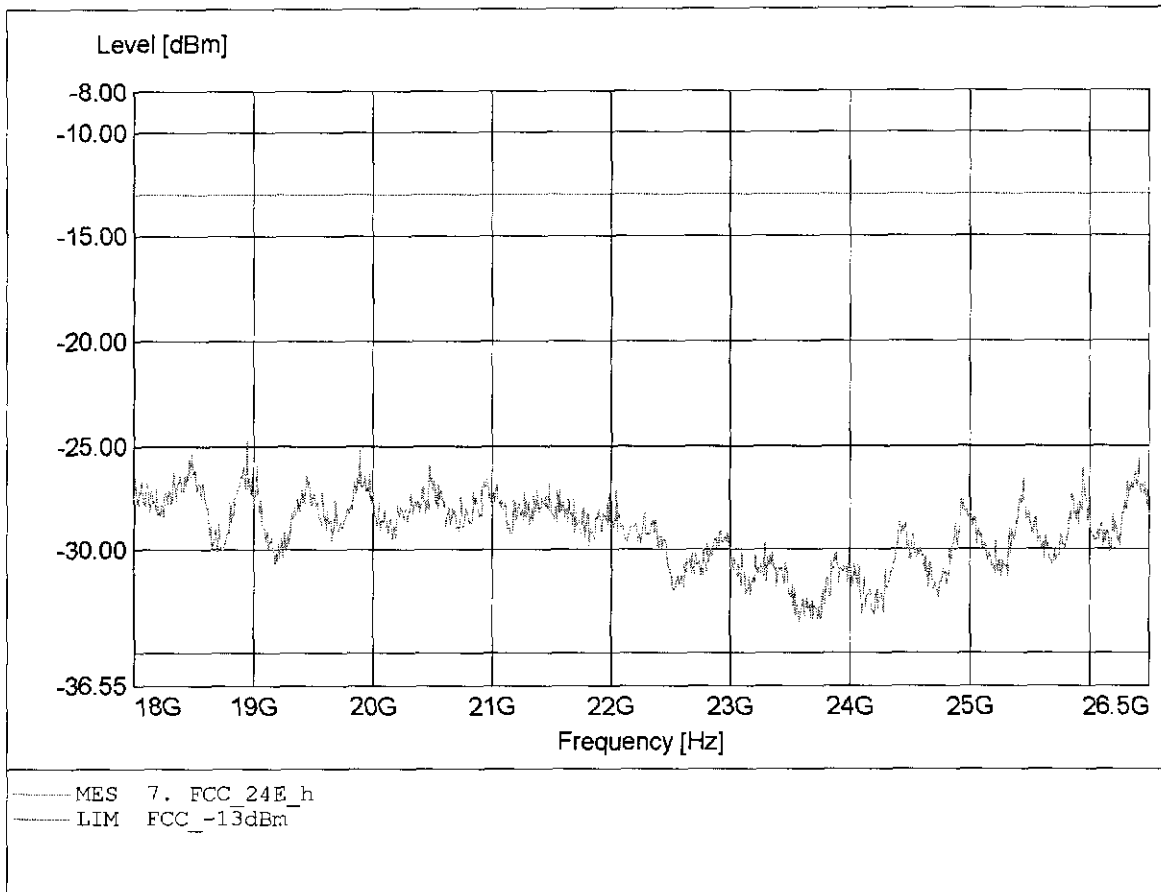
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.387GHz, Pmax: -25.66dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

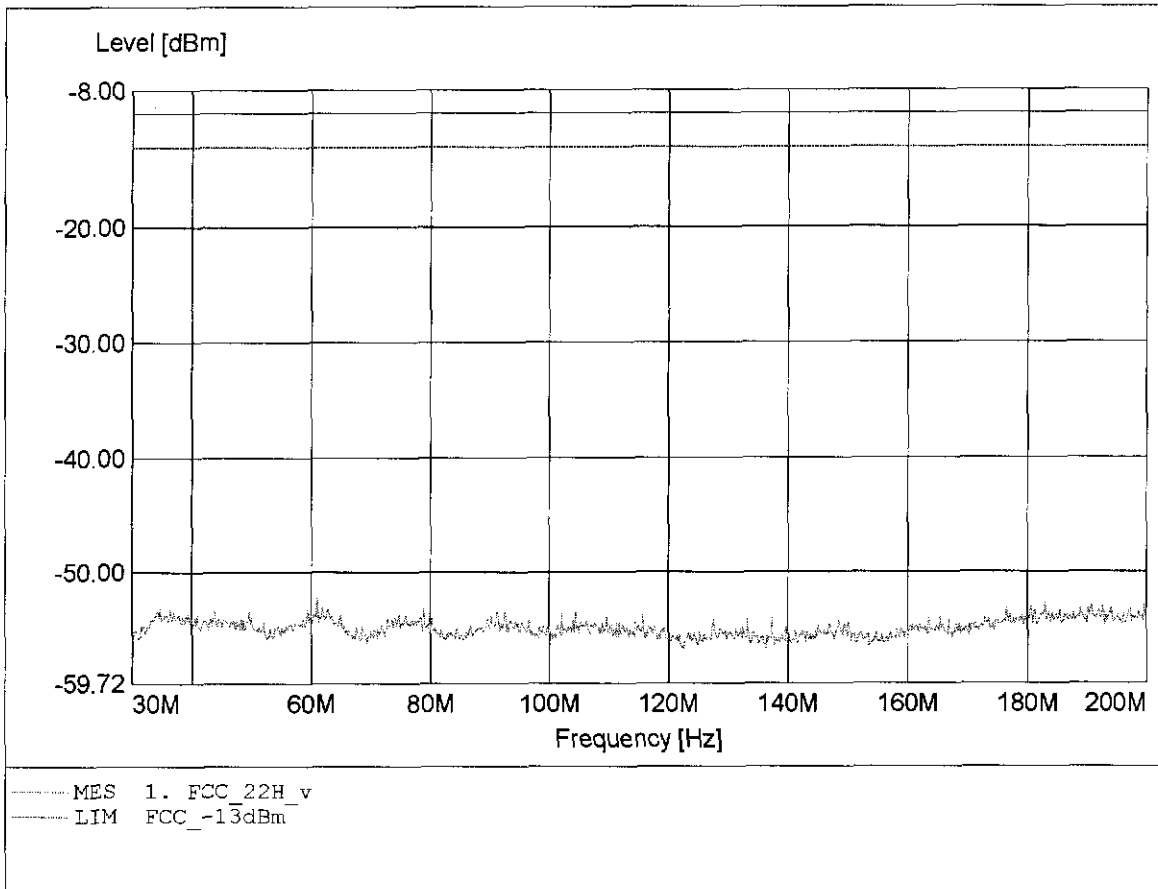
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EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.944GHz, Pmax: -24.74dBm, RBW: 1MHz





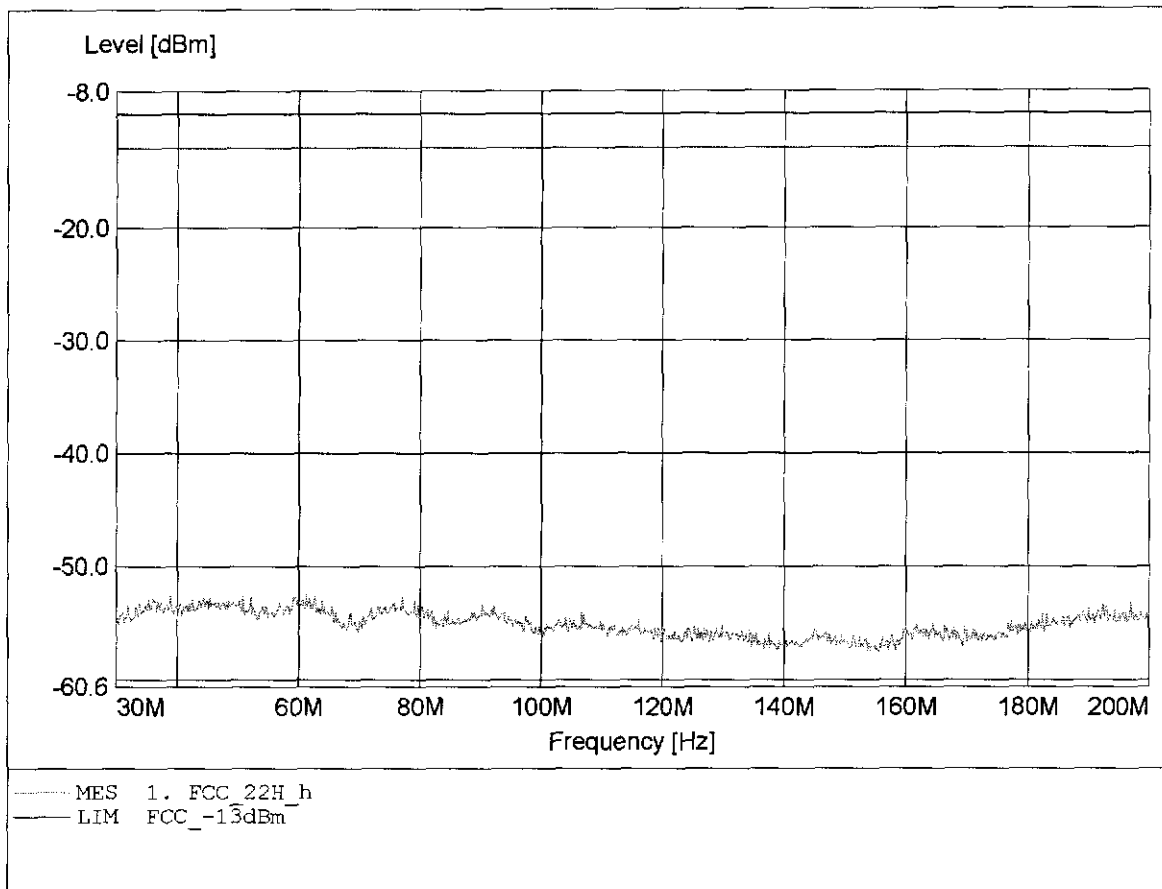
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK116  
Comment 2: Freq: 60.978MHz, Pmax: -52.24dBm, RBW: 1MHz



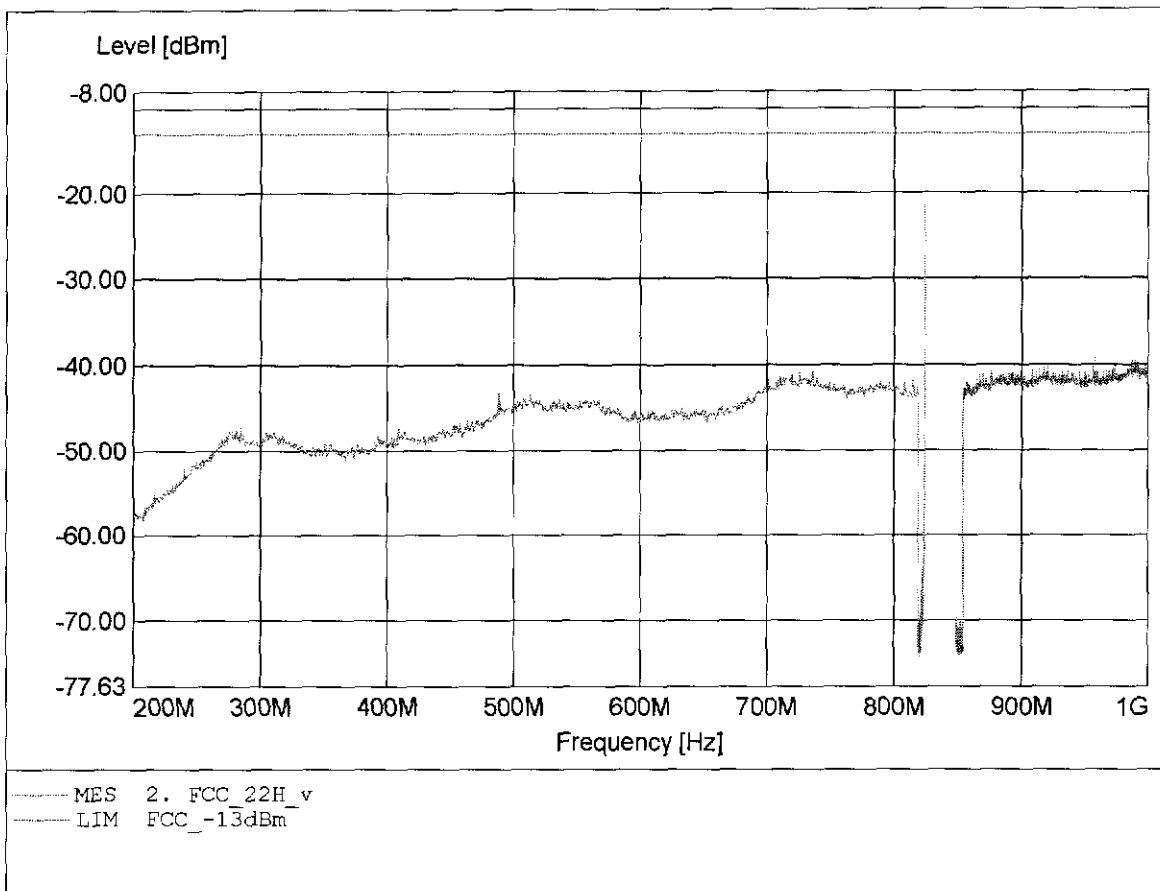
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 62.678MHz, Pmax: -52.40dBm, RBW: 1MHz



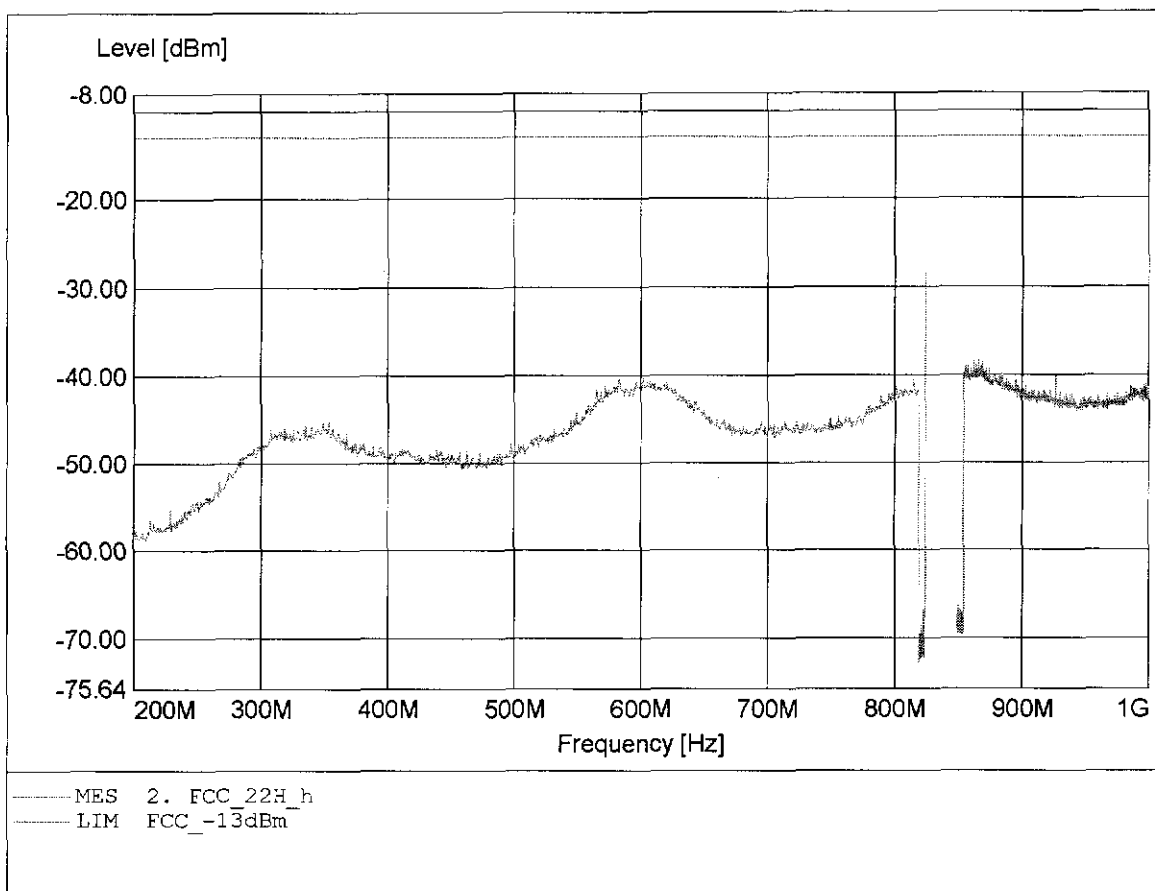
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 823.994MHz, Pmax: -21.39dBm, RBW: 1MHz



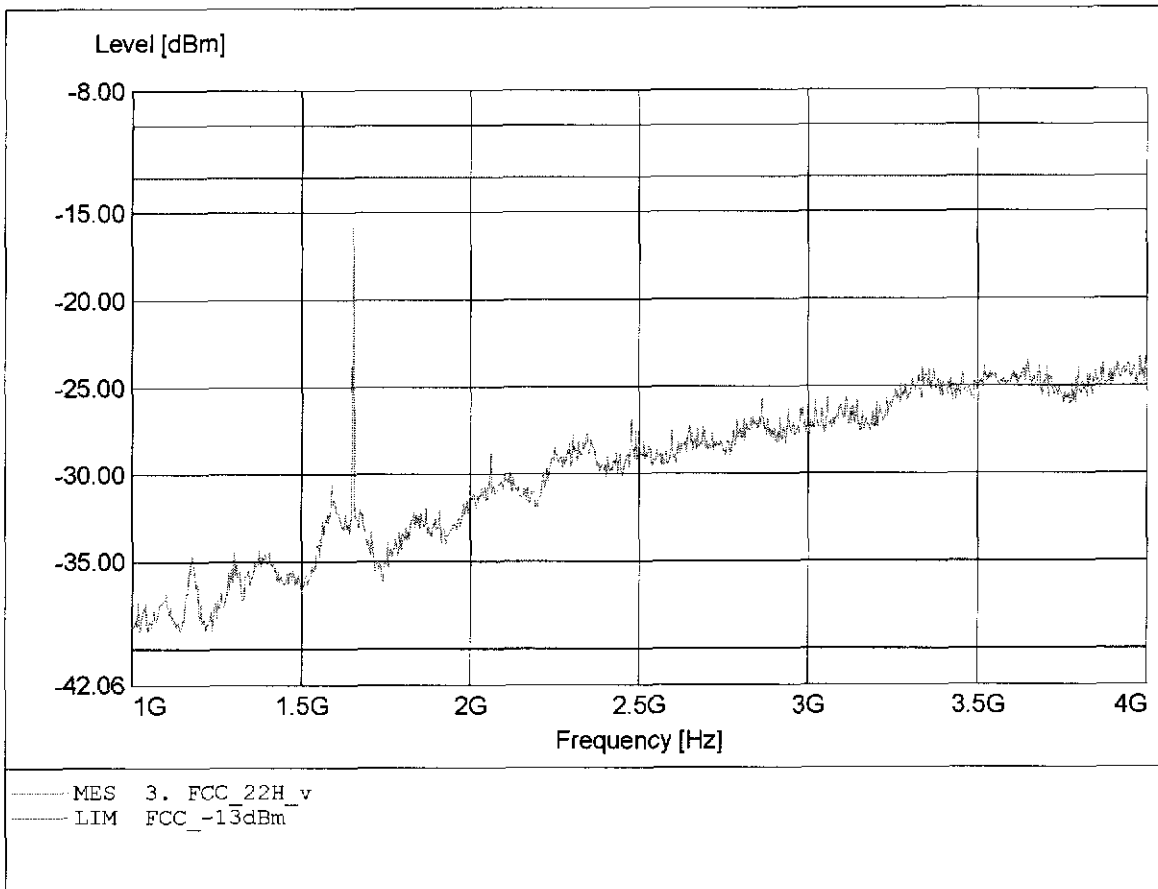
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 823.994MHz, Pmax: -28.47dBm, RBW: 1MHz



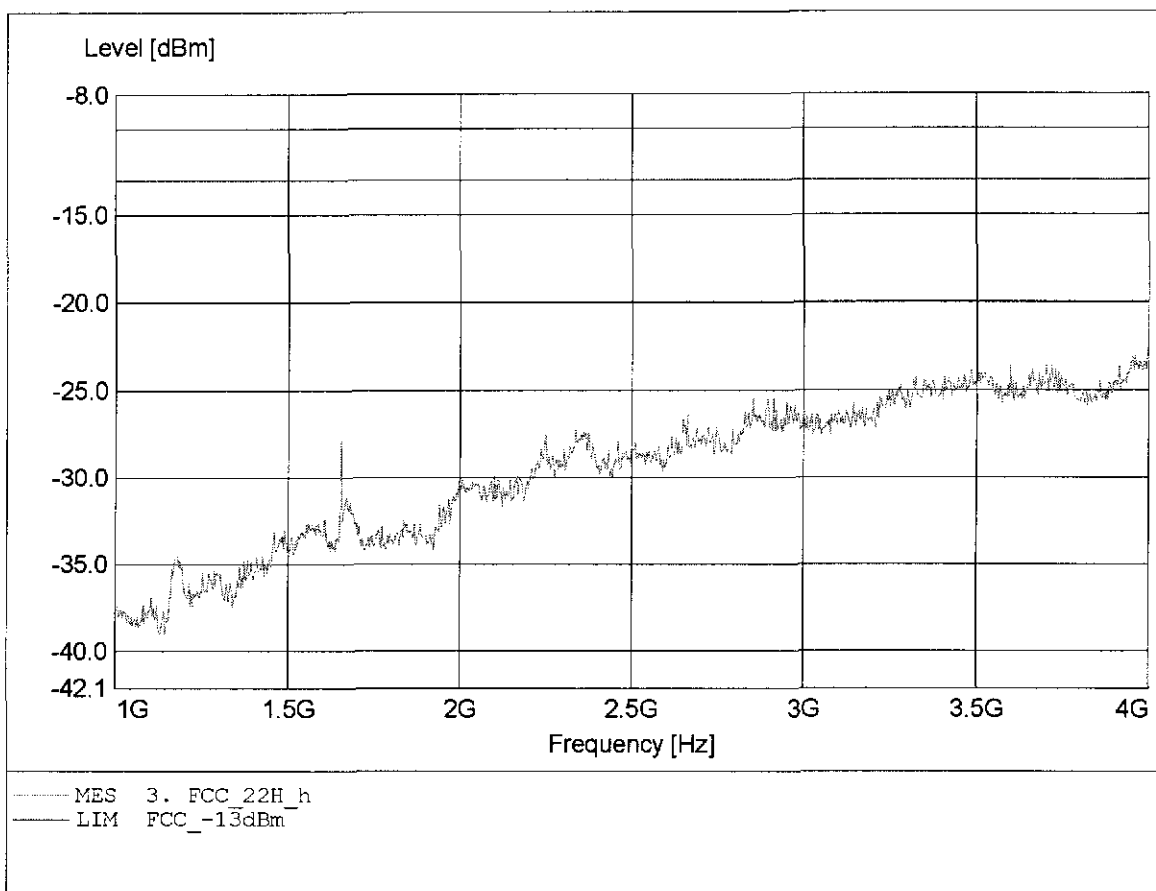
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.653GHz, Pmax: -15.80dBm, RBW: 1MHz



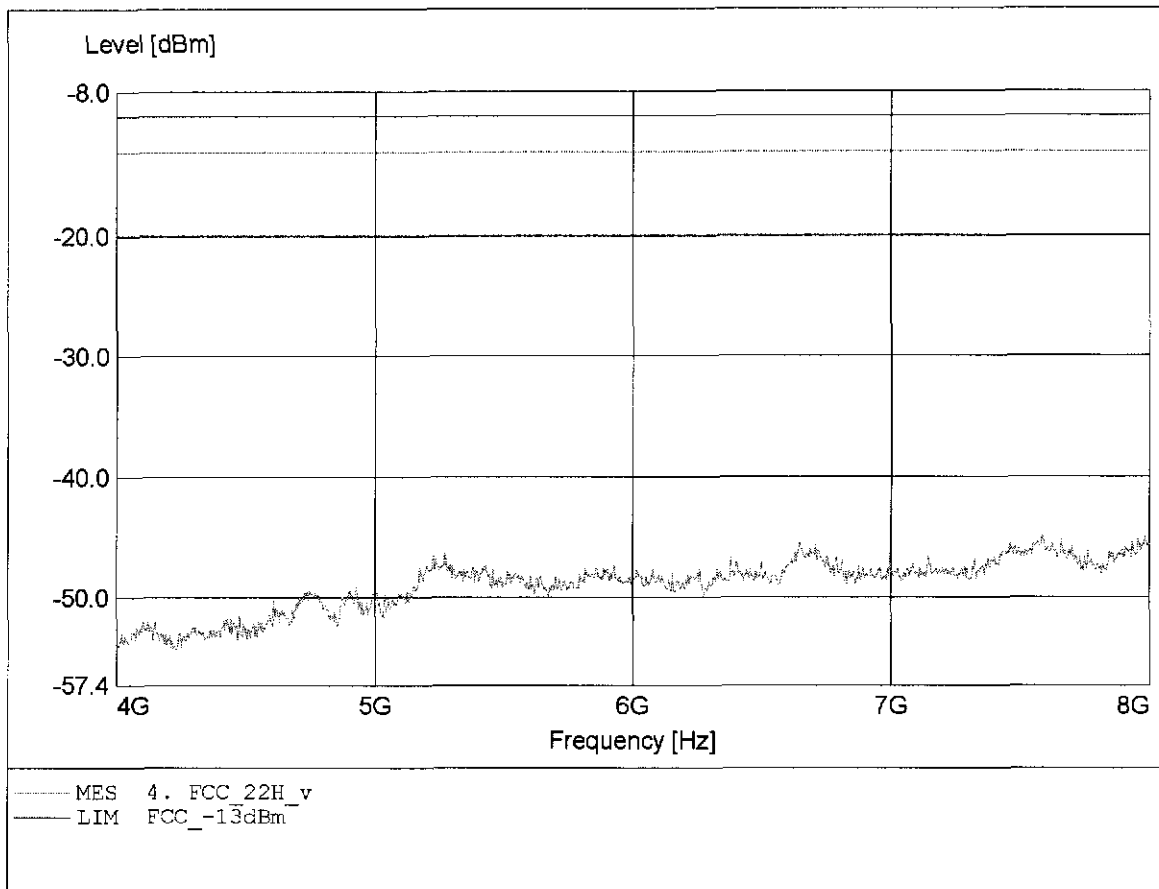
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.997GHz, Pmax: -22.65dBm, RBW: 1MHz



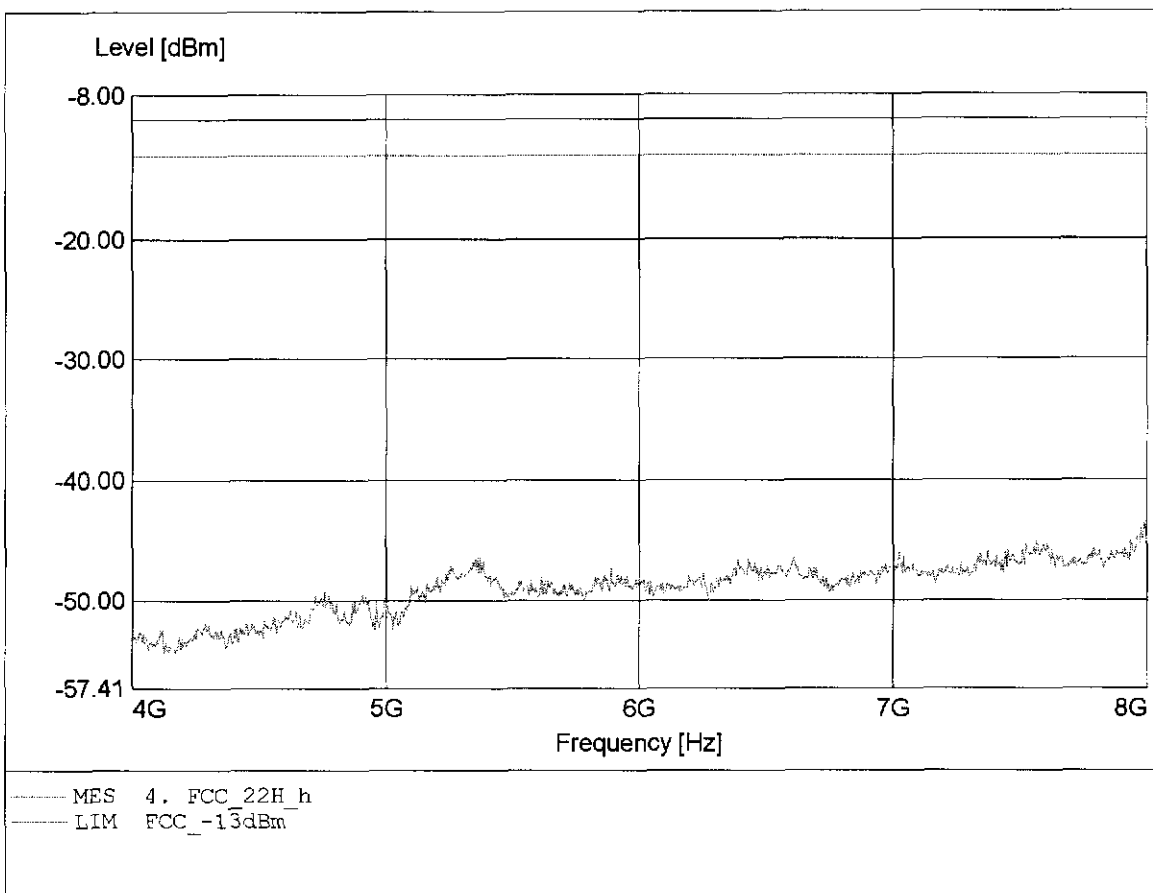
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.582GHz, Pmax: -44.93dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

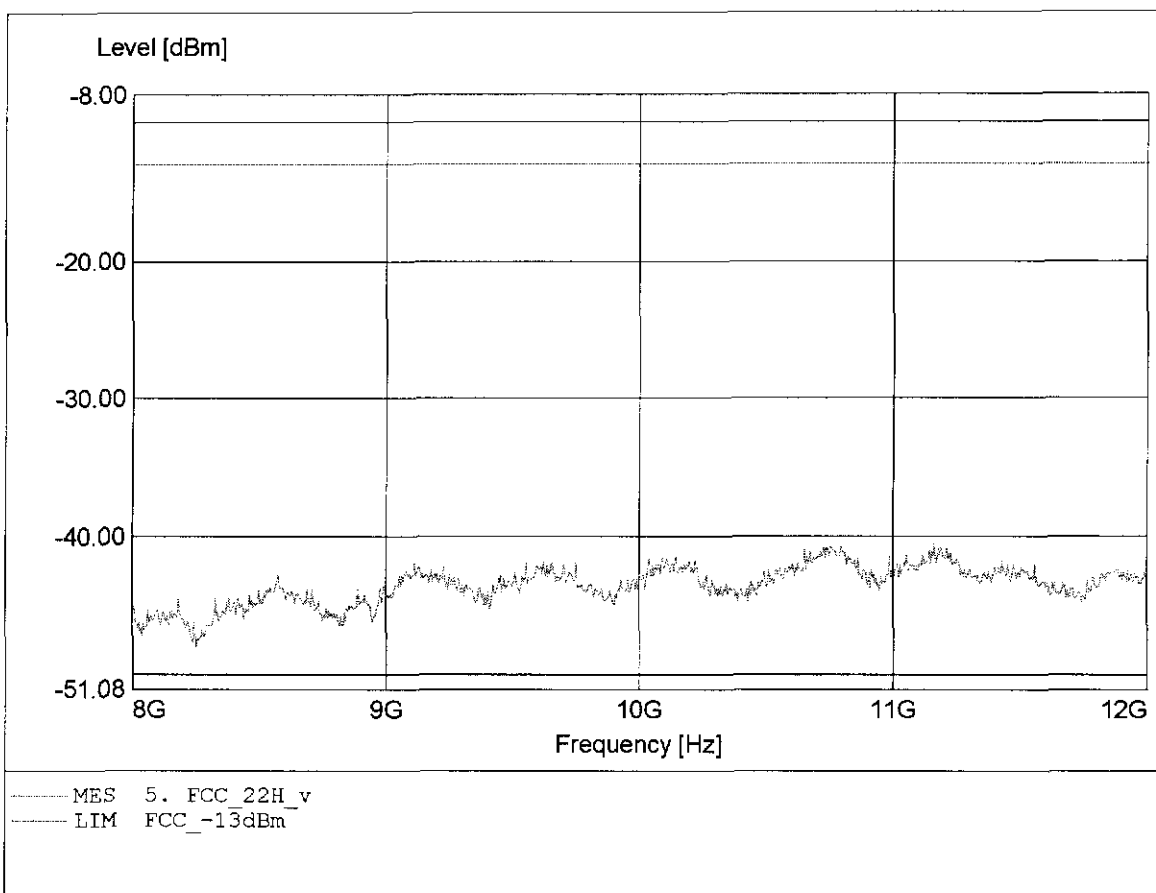
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EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.991GHz, Pmax: -43.64dBm, RBW: 1MHz





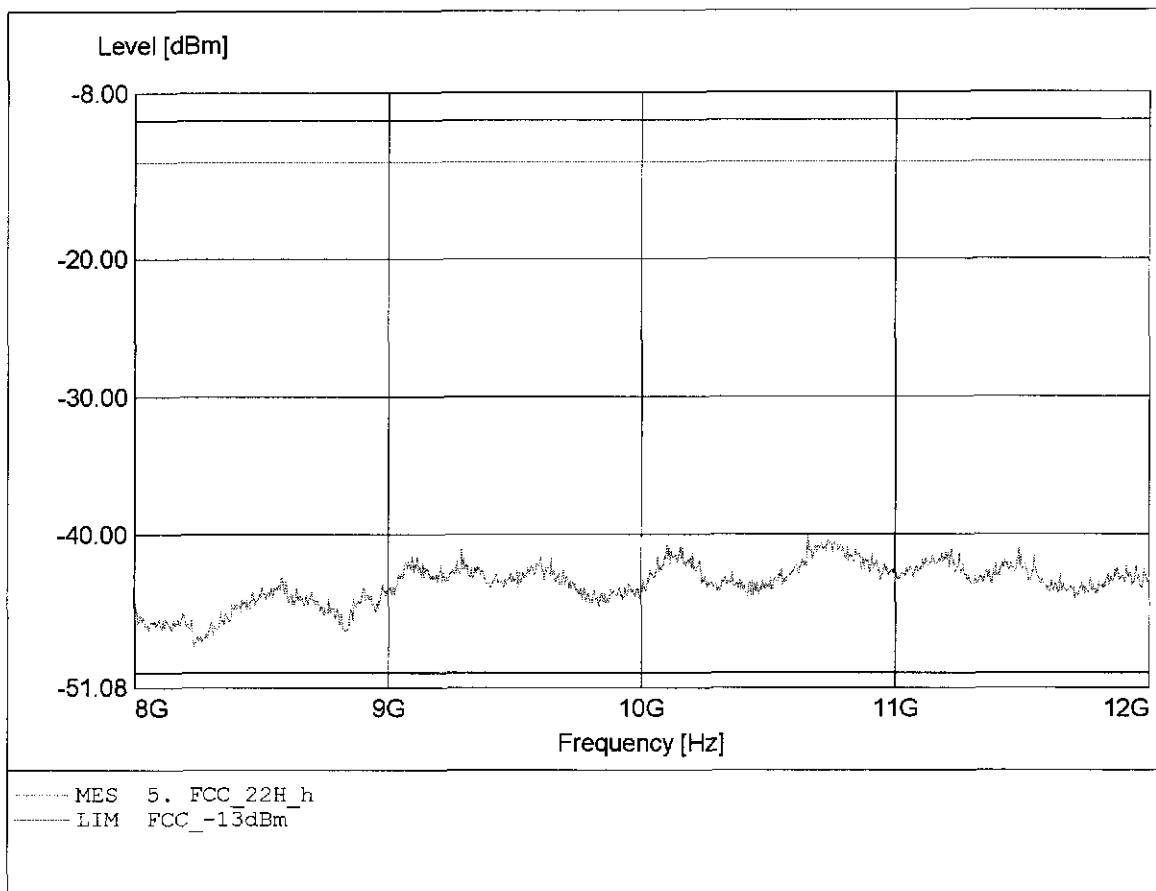
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.160GHz, Pmax: -40.55dBm, RBW: 1MHz



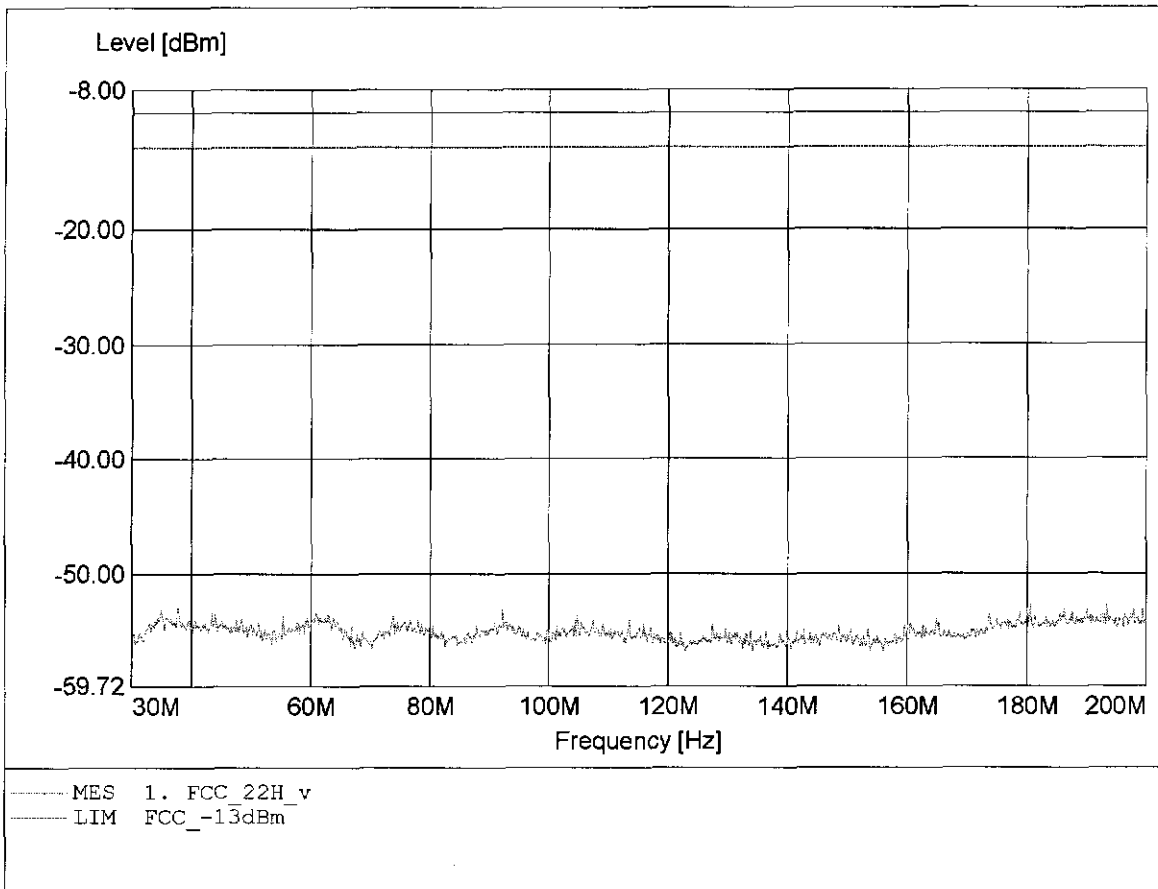
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 128  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.658GHz, Pmax: -40.09dBm, RBW: 1MHz



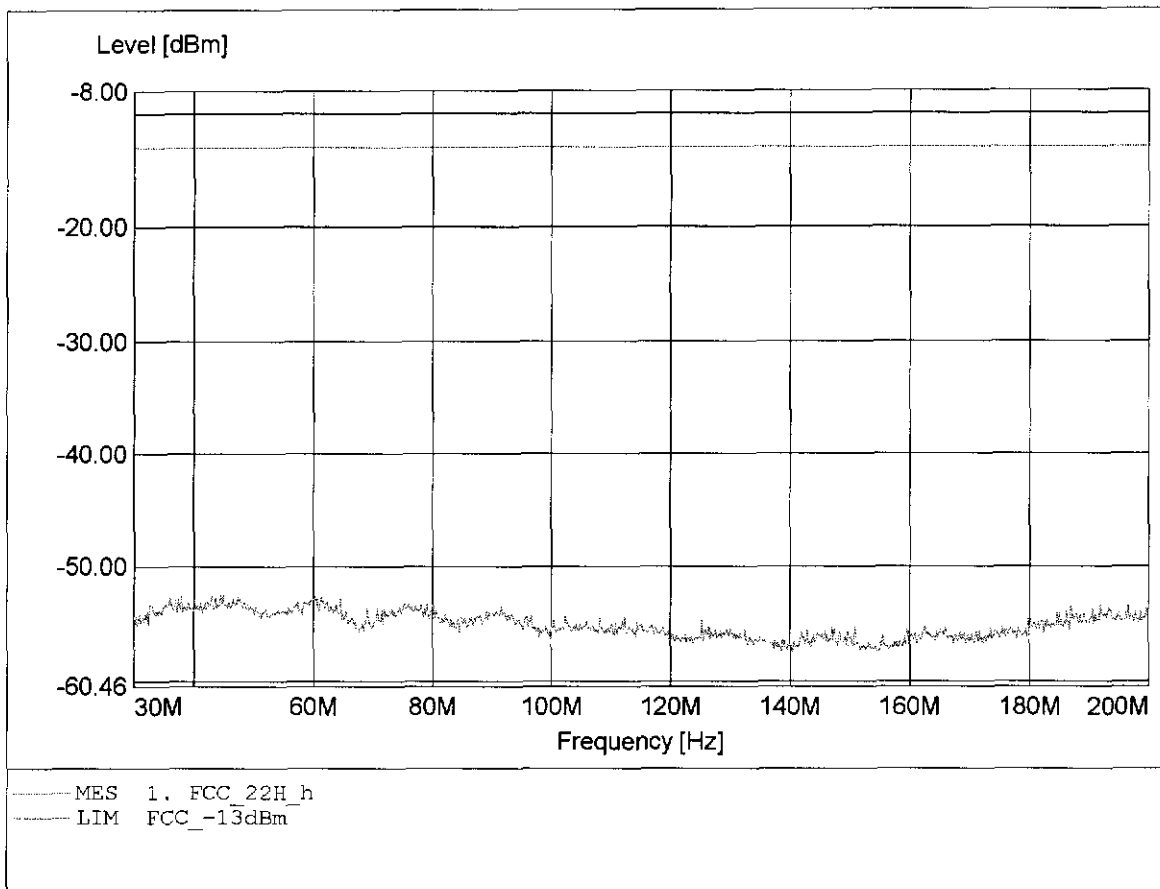
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 193.389MHz, Pmax: -52.60dBm, RBW: 1MHz



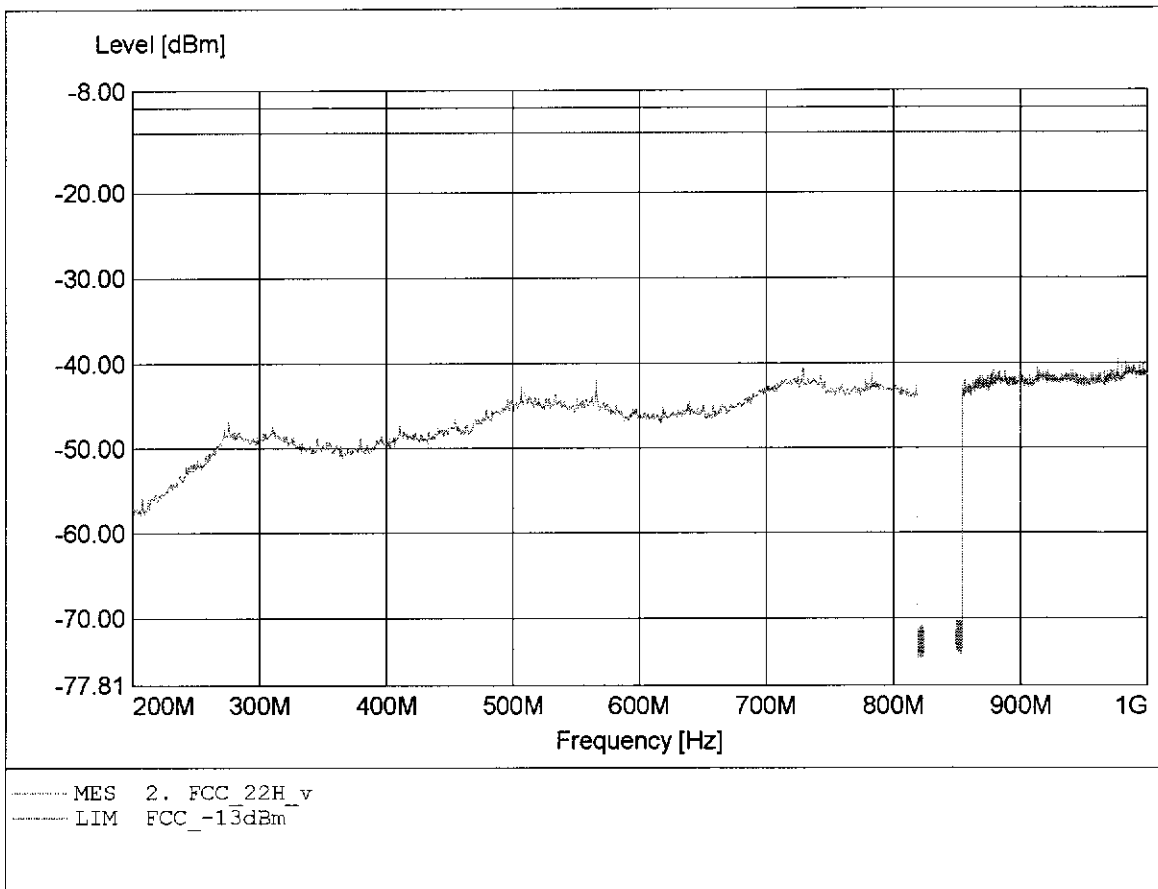
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 44.544MHz, Pmax: -52.48dBm, RBW: 1MHz



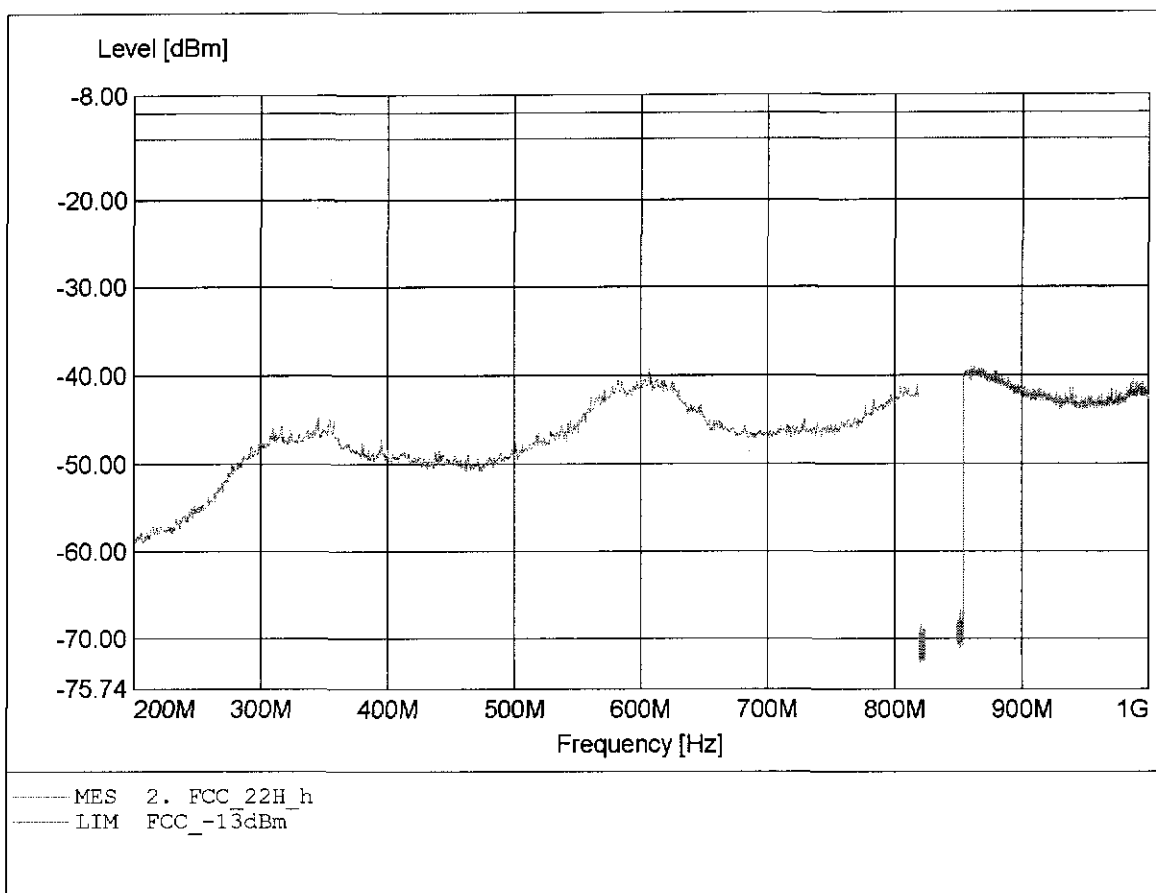
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 976.640MHz, Pmax: -39.34dBm, RBW: 1MHz



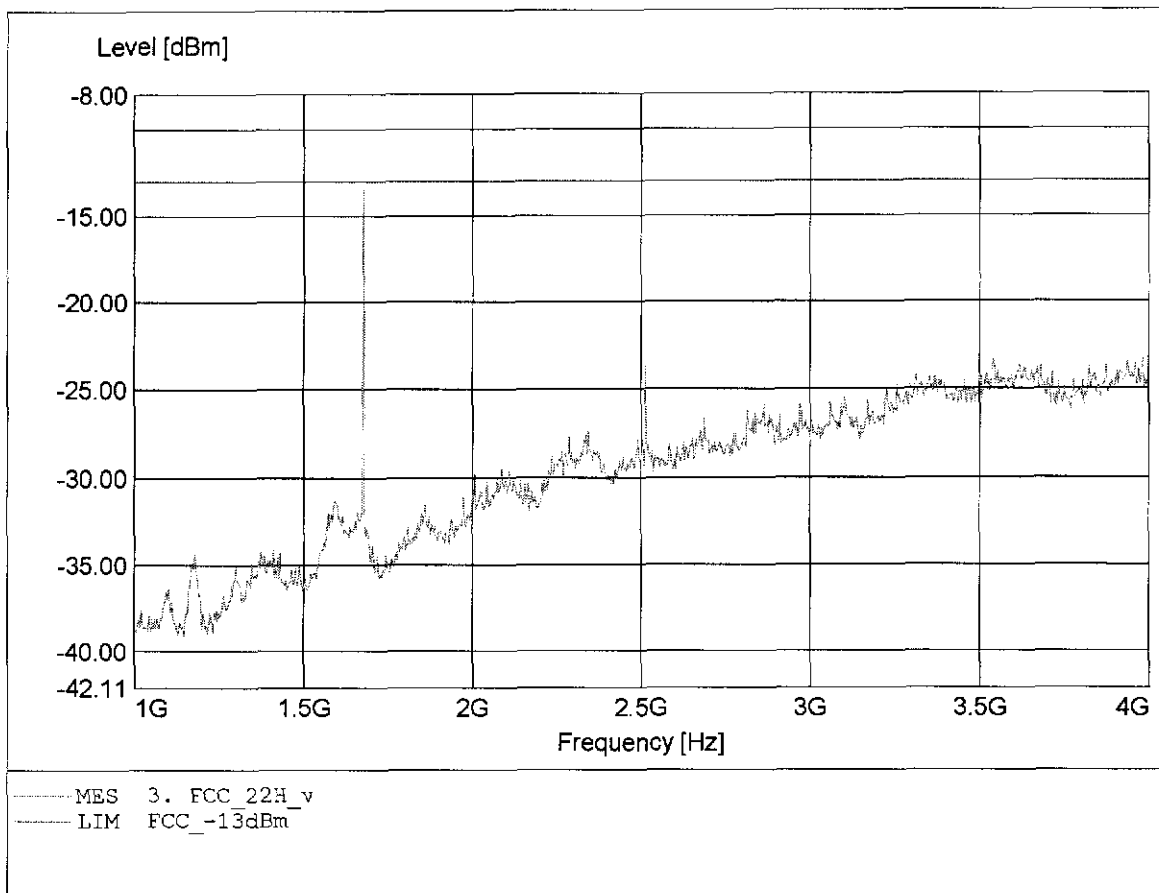
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 862.436MHz, Pmax: -38.86dBm, RBW: 1MHz



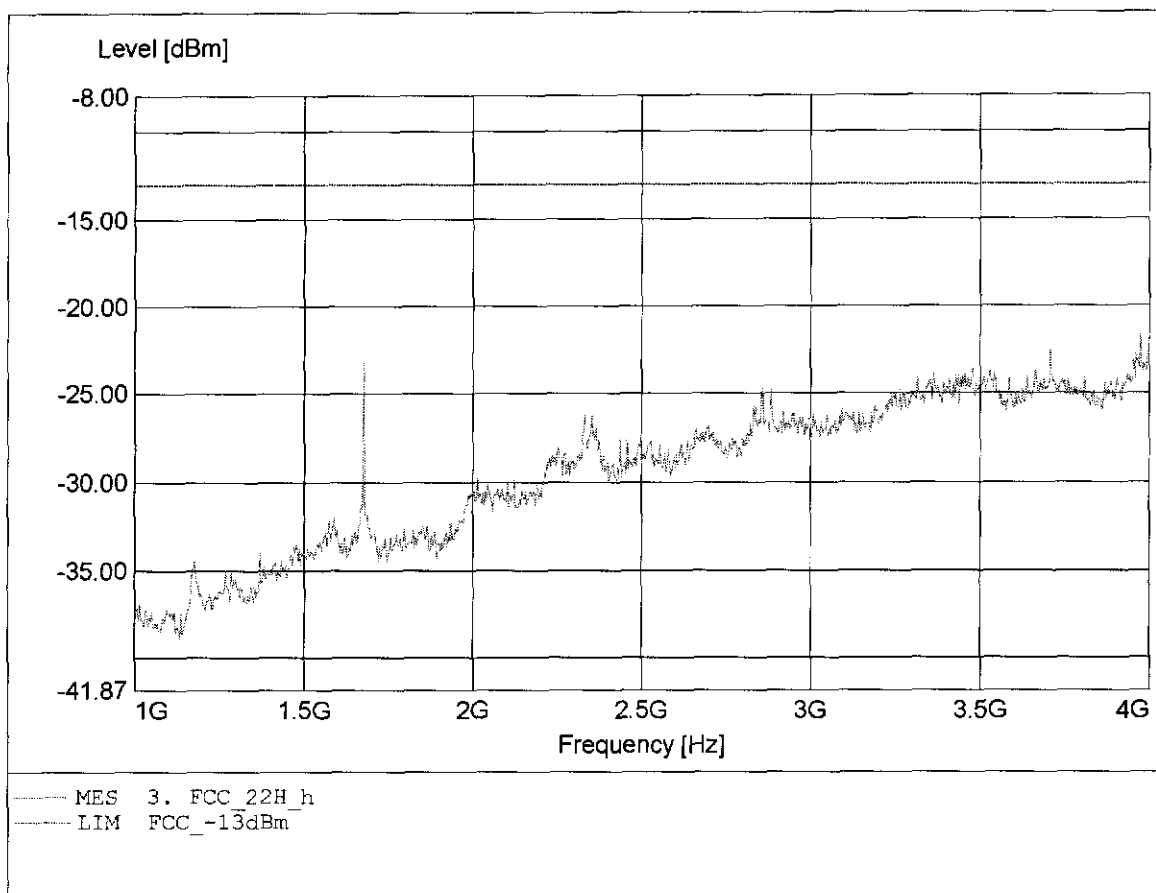
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.677GHz, Pmax: -13.44dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

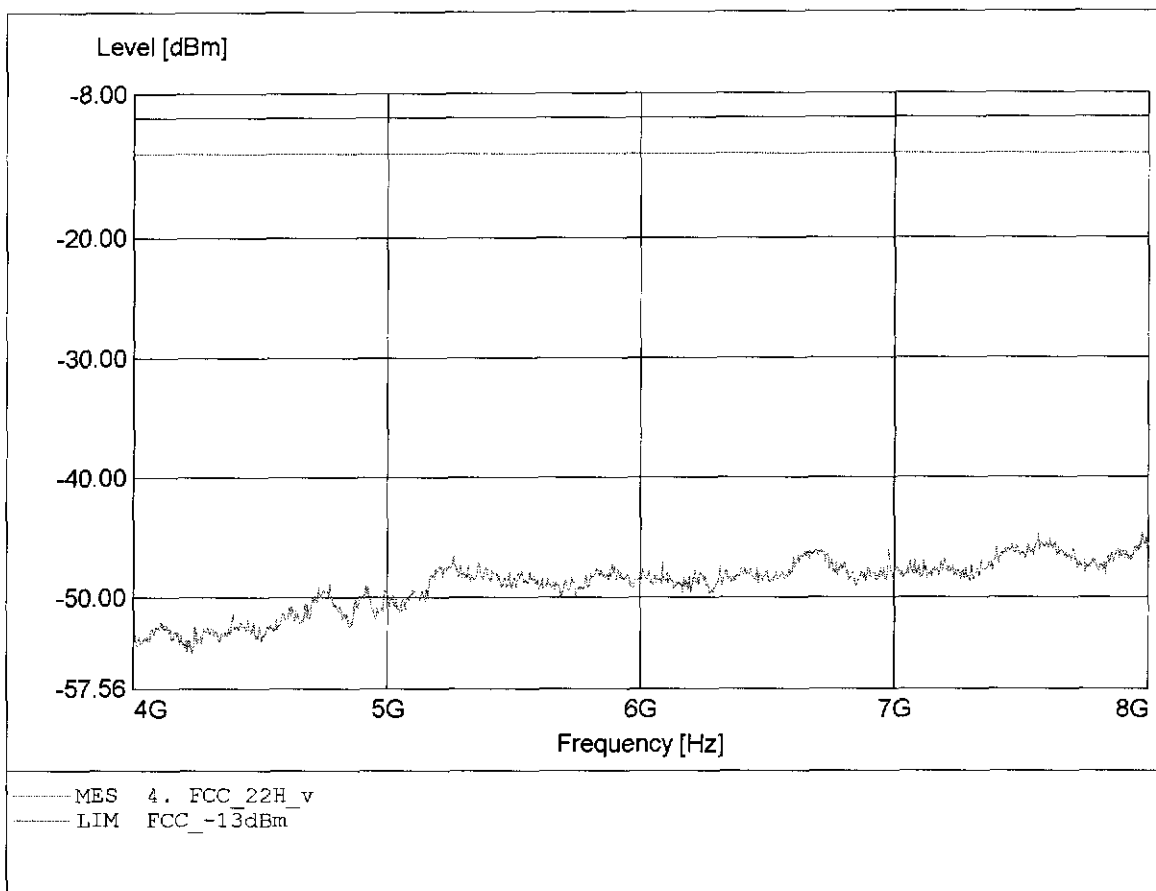
Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.973GHz, Pmax: -21.65dBm, RBW: 1MHz





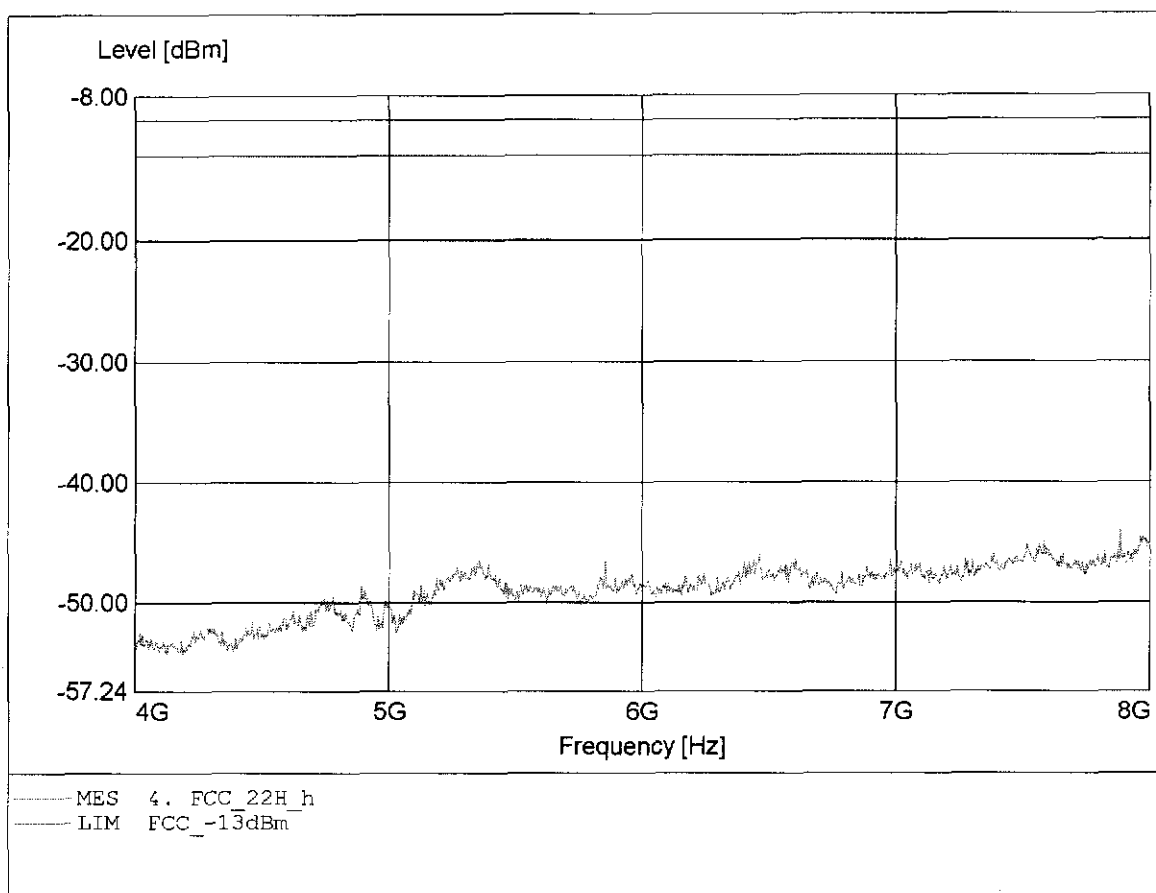
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.973GHz, Pmax: -44.52dBm, RBW: 1MHz



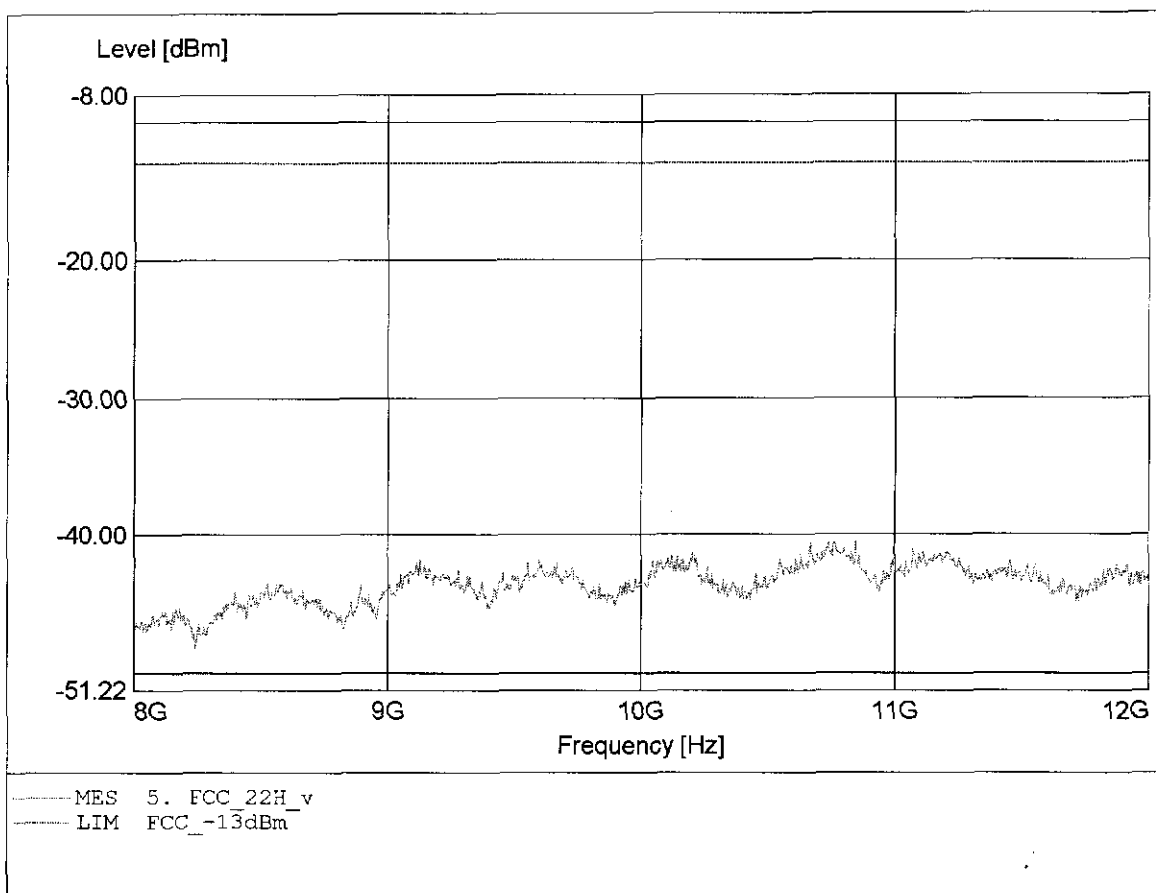
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.884GHz, Pmax: -44.01dBm, RBW: 1MHz



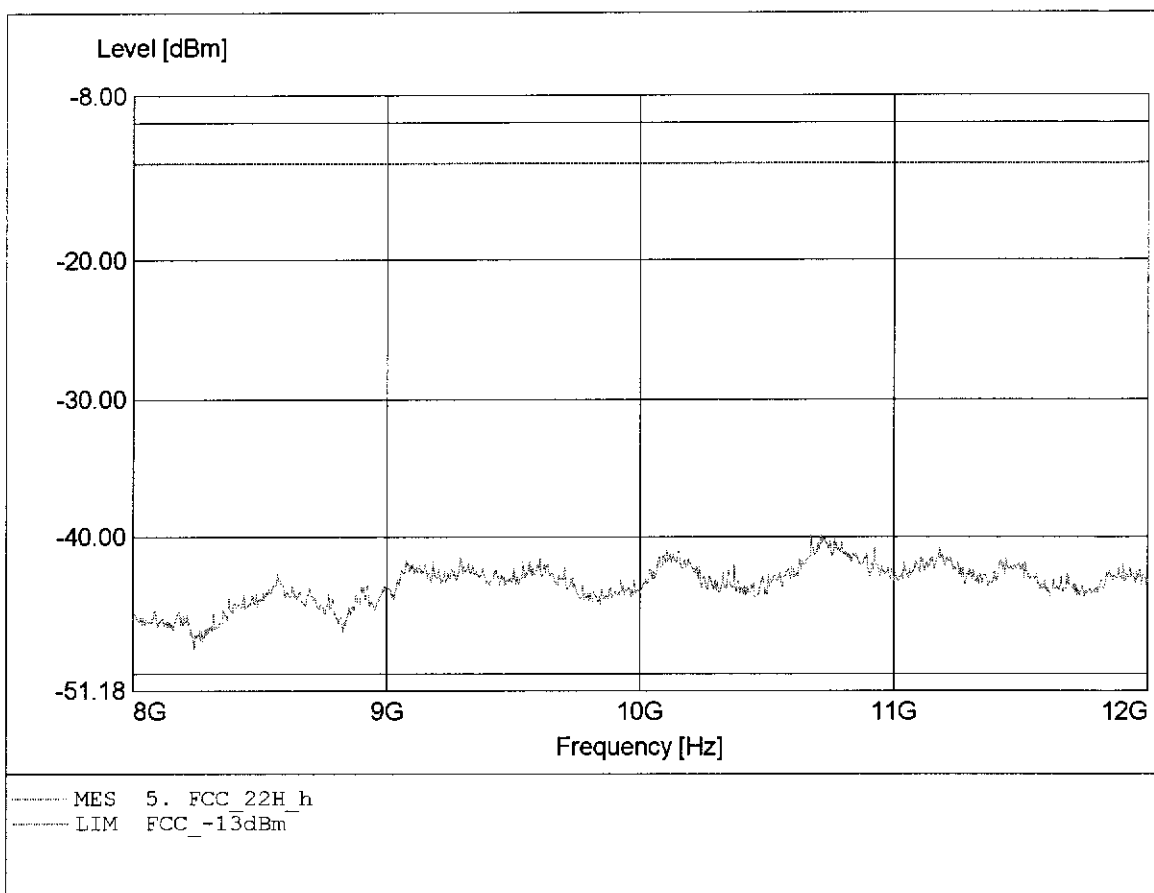
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.849GHz, Pmax: -40.46dBm, RBW: 1MHz



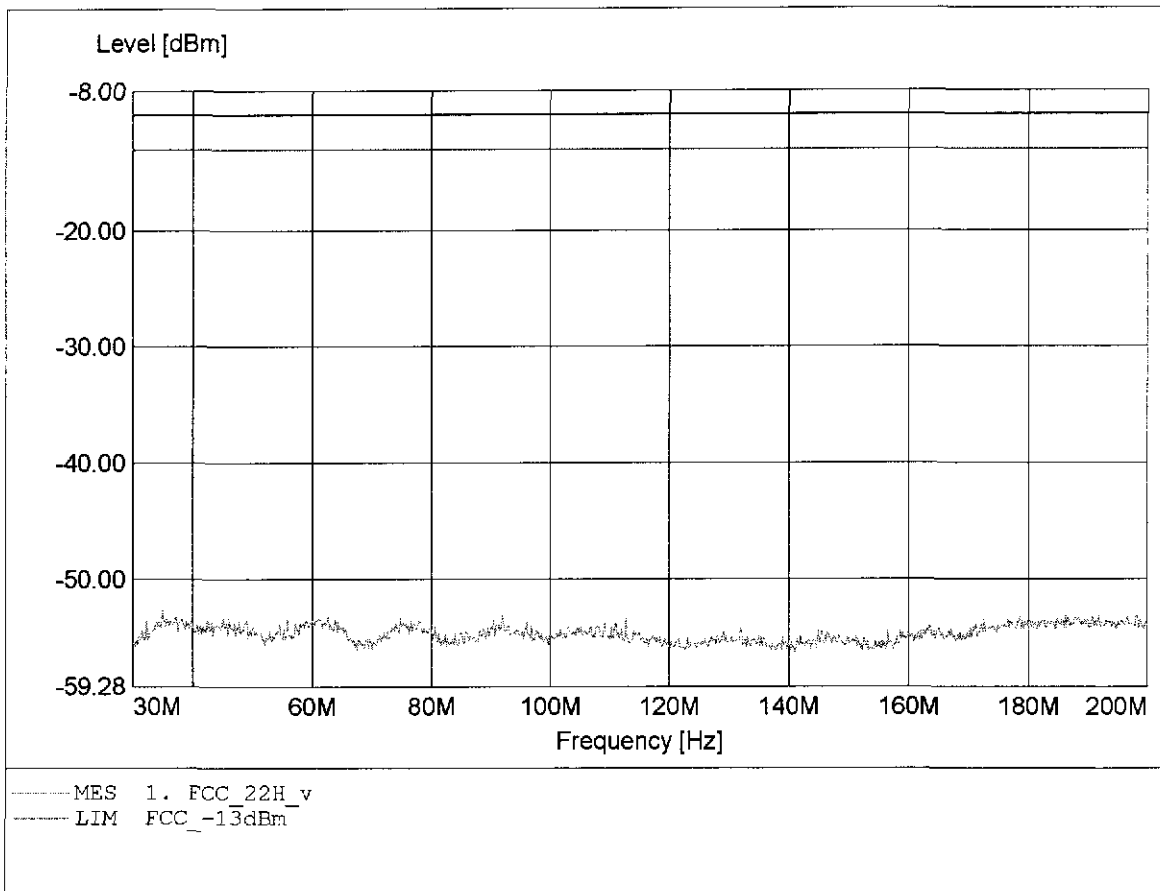
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 188  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.716GHz, Pmax: -39.79dBm, RBW: 1MHz



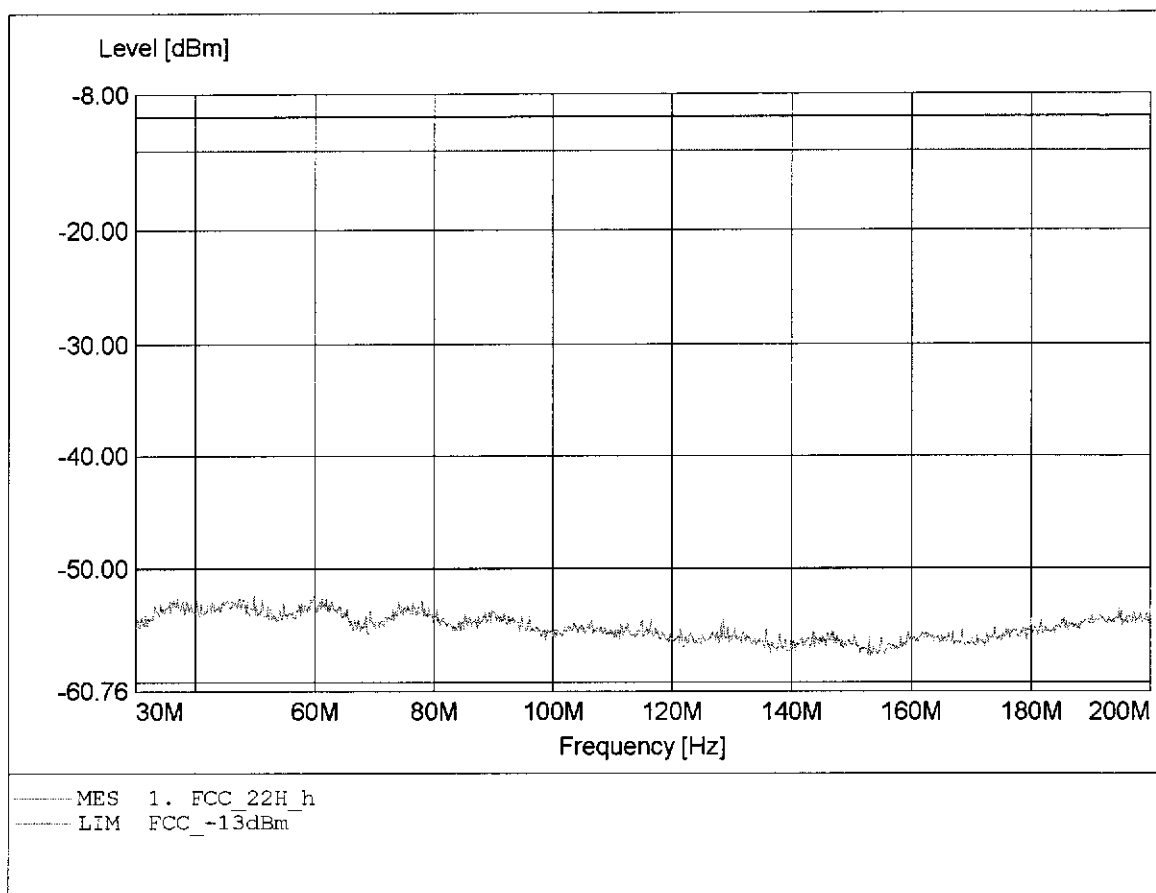
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 34.911MHz, Pmax: -52.69dBm, RBW: 1MHz



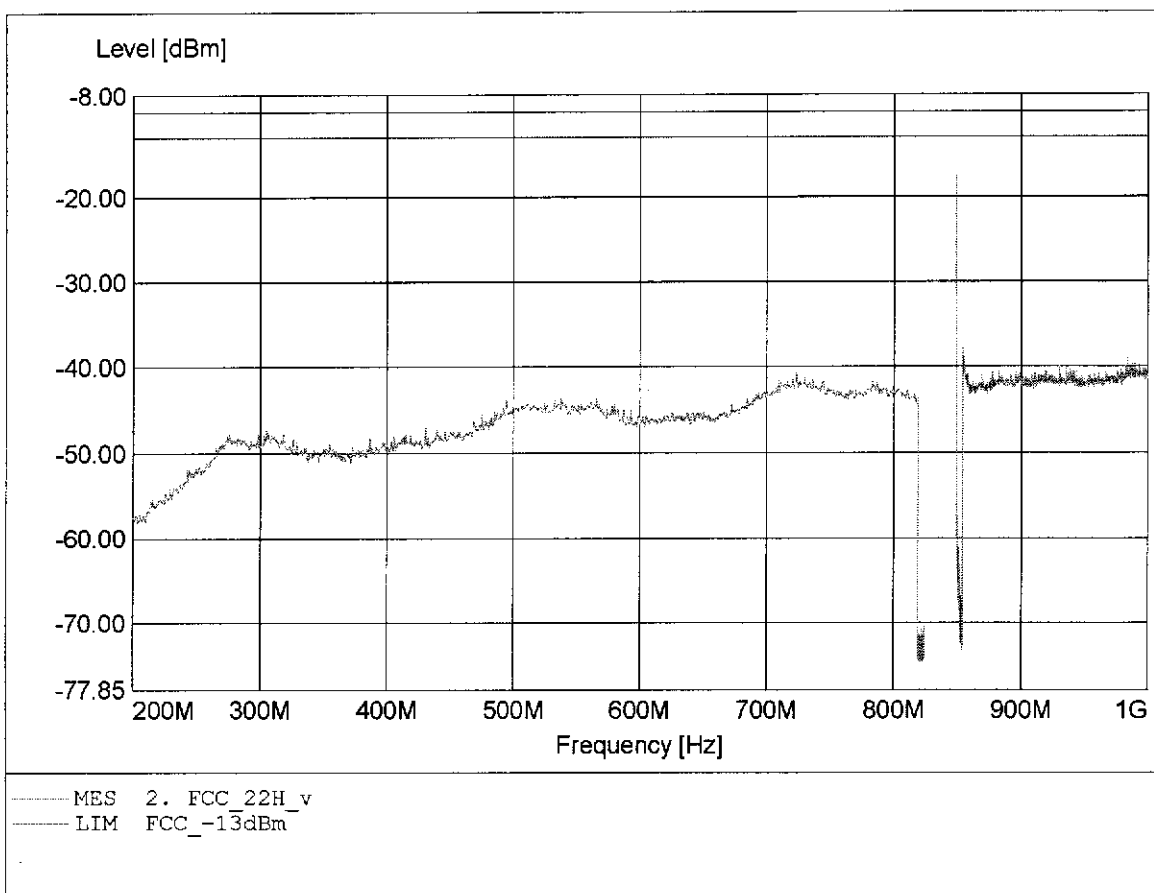
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 49.833MHz, Pmax: -52.14dBm, RBW: 1MHz



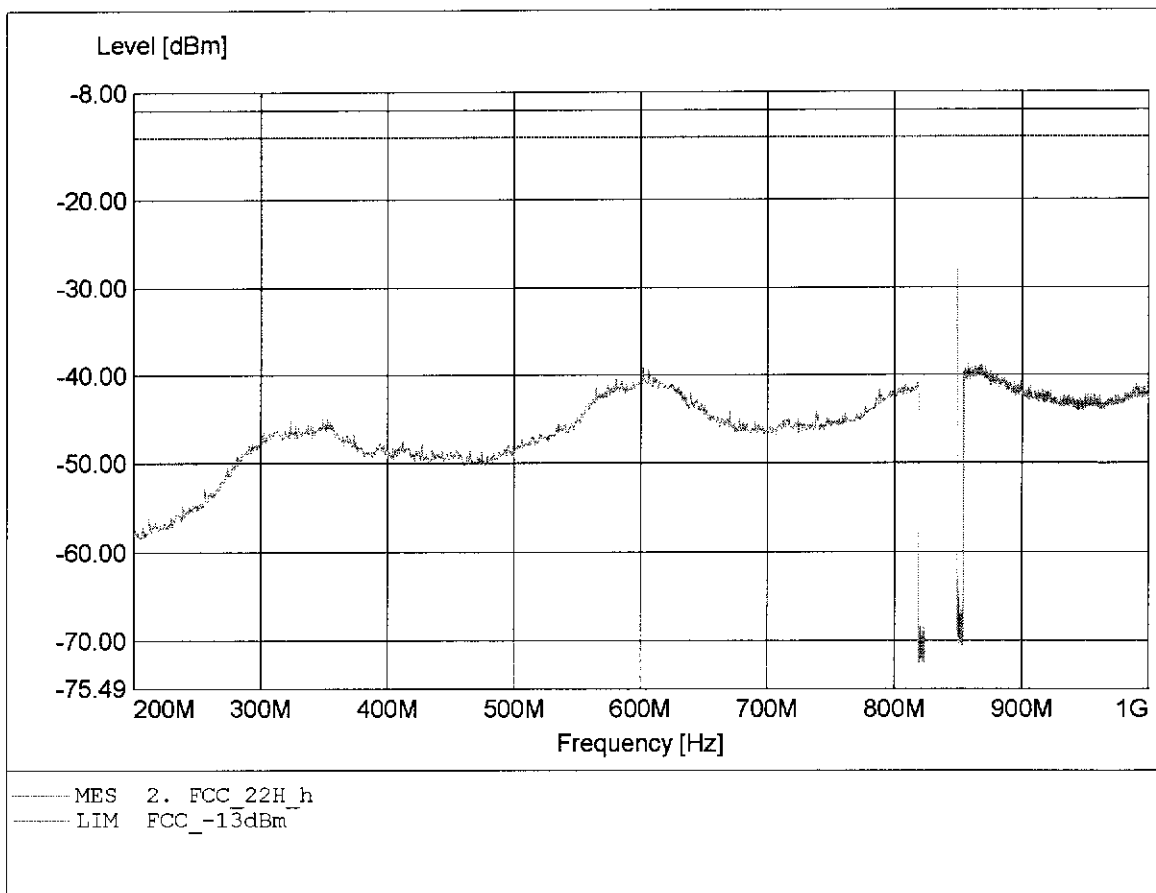
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 849.017MHz, Pmax: -17.40dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

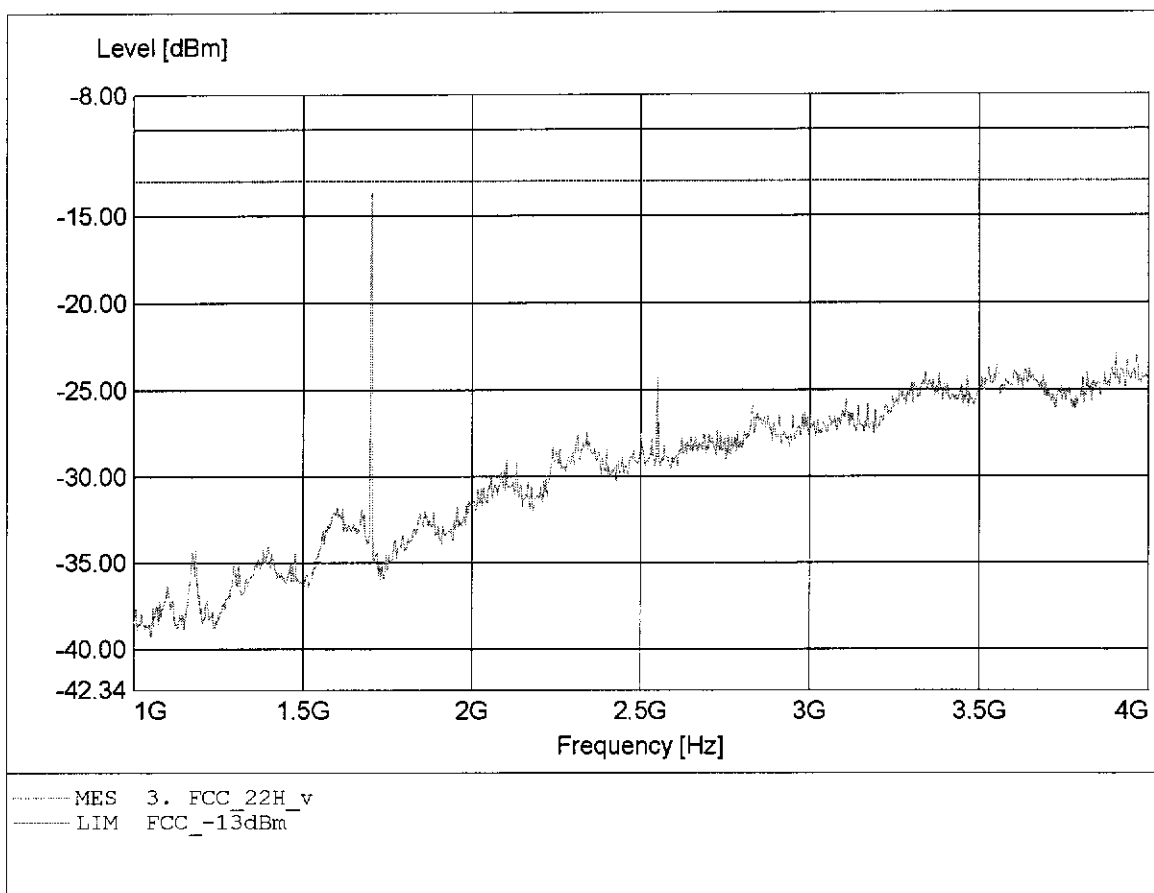
Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 849.006MHz, Pmax: -27.75dBm, RBW: 1MHz





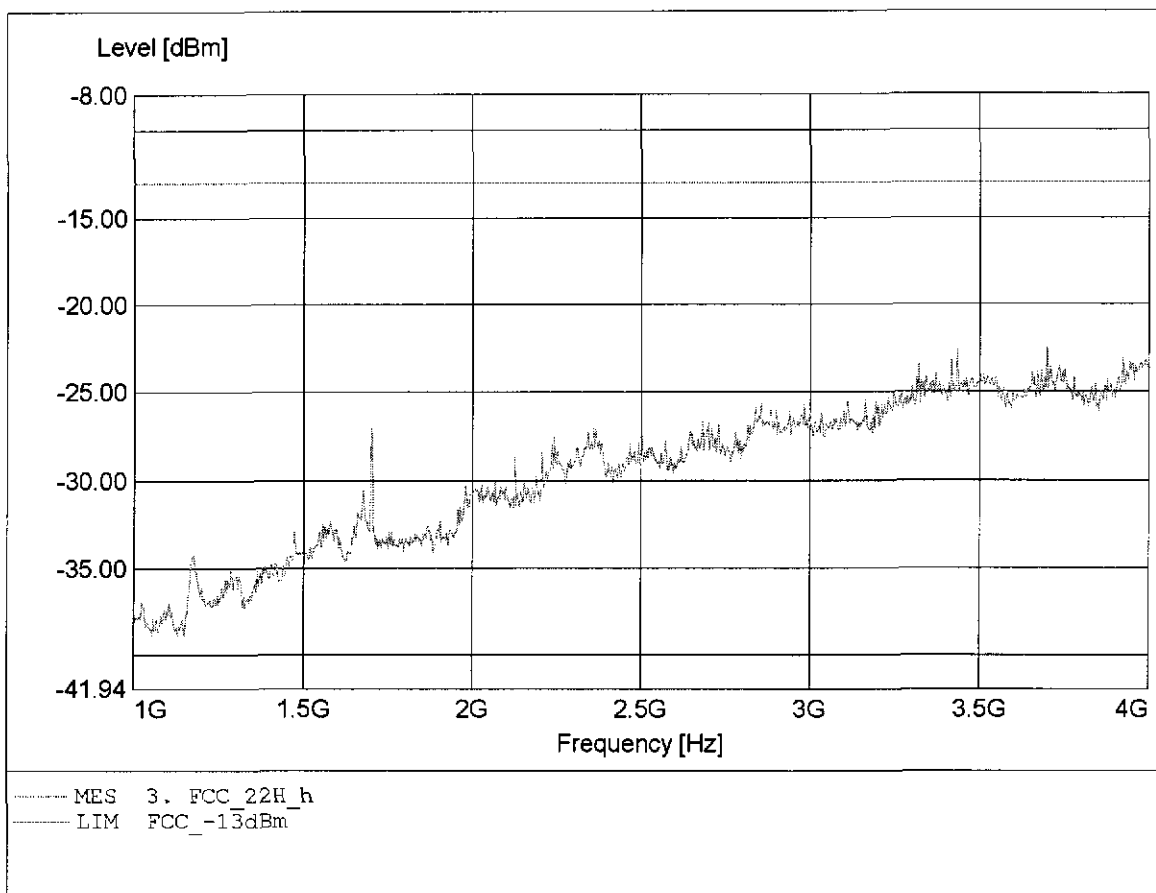
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.703GHz, Pmax: -13.71dBm, RBW: 1MHz



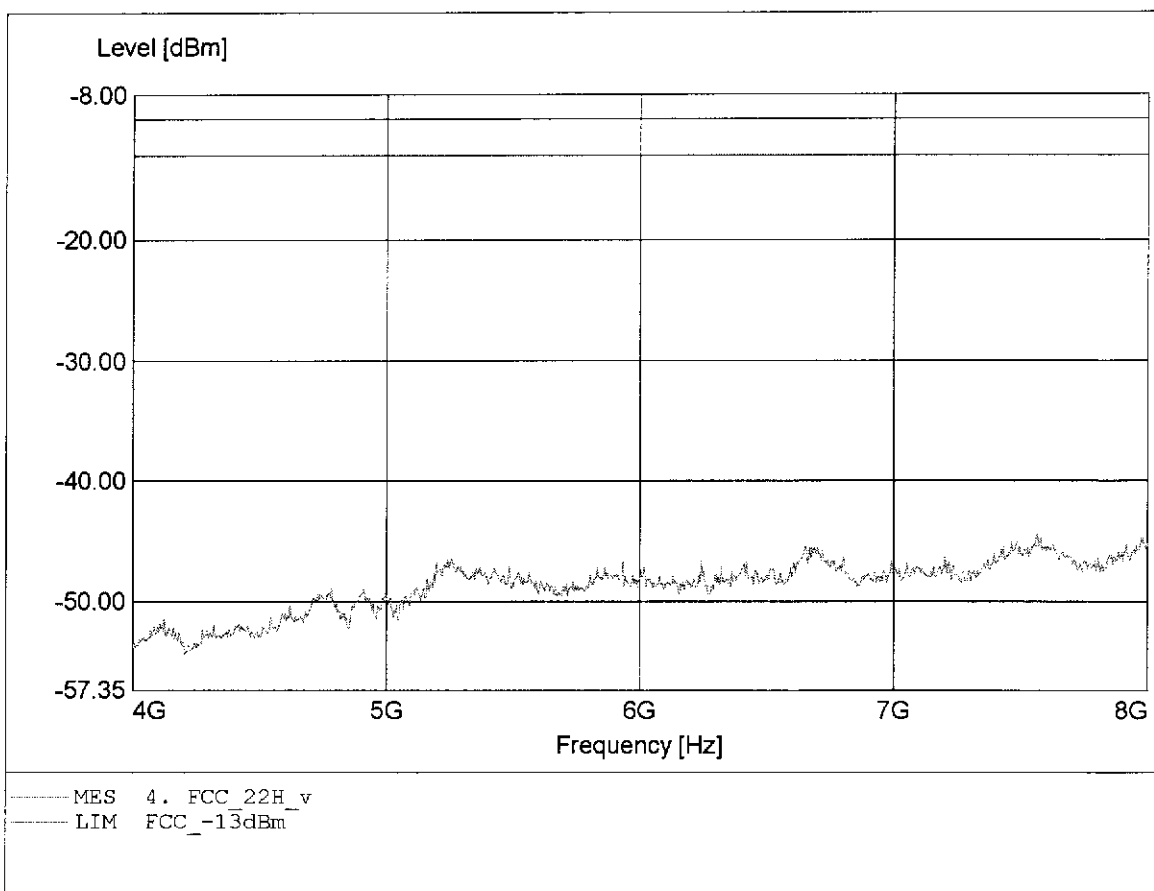
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.697GHz, Pmax: -22.47dBm, RBW: 1MHz



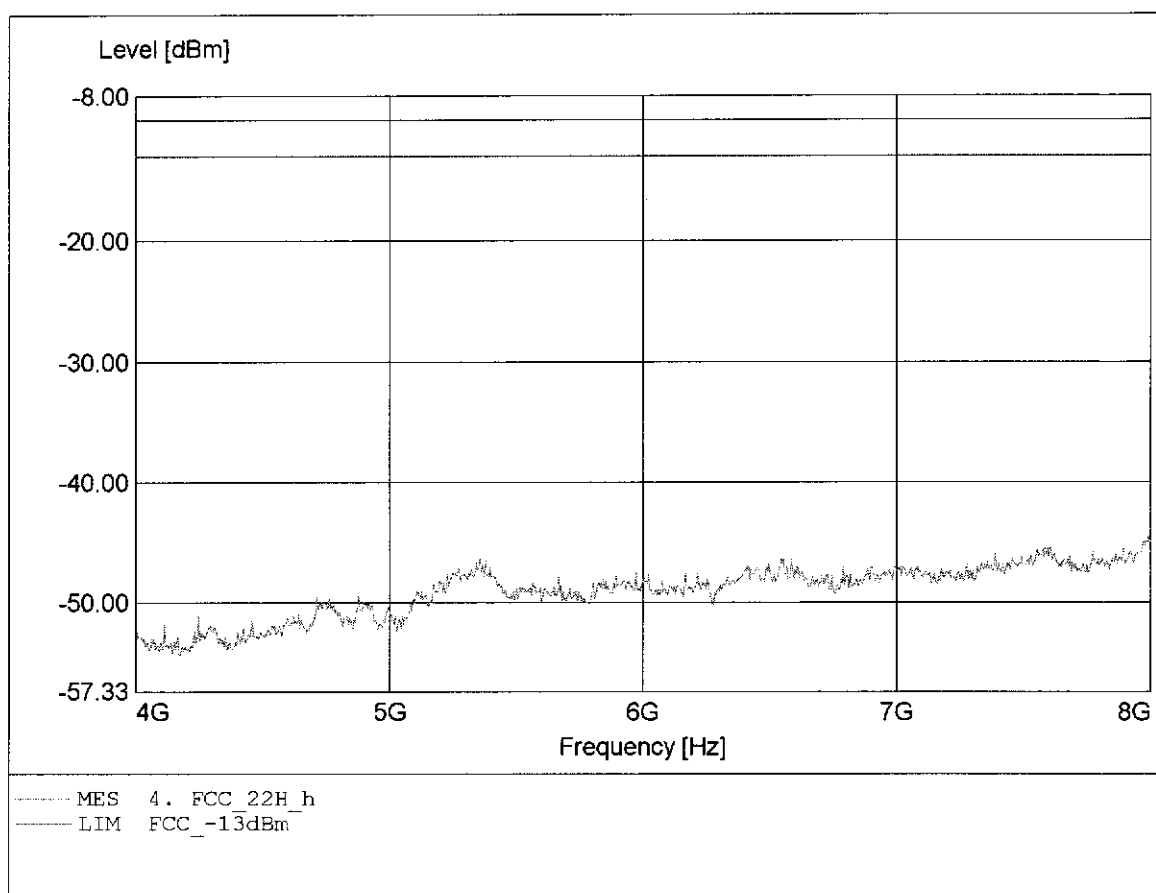
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.560GHz, Pmax: -44.39dBm, RBW: 1MHz



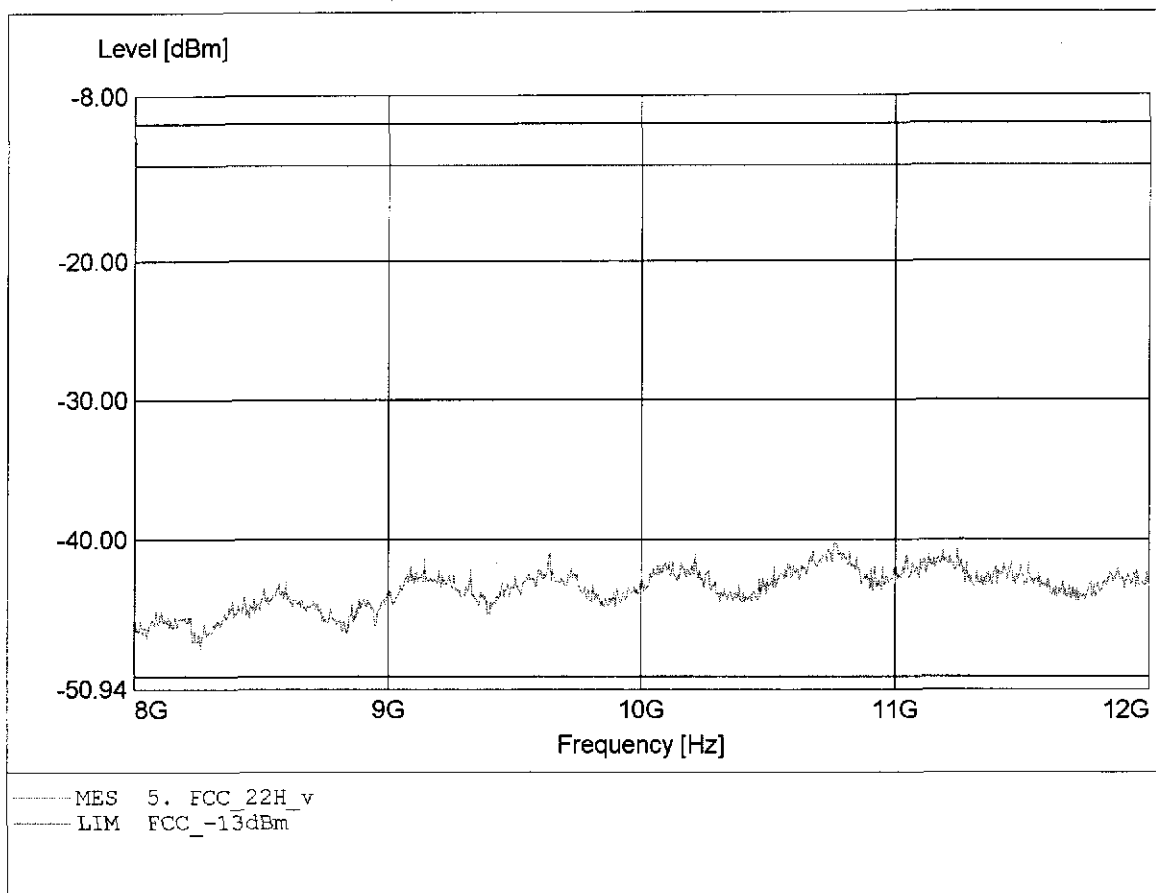
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.991GHz, Pmax: -44.51dBm, RBW: 1MHz



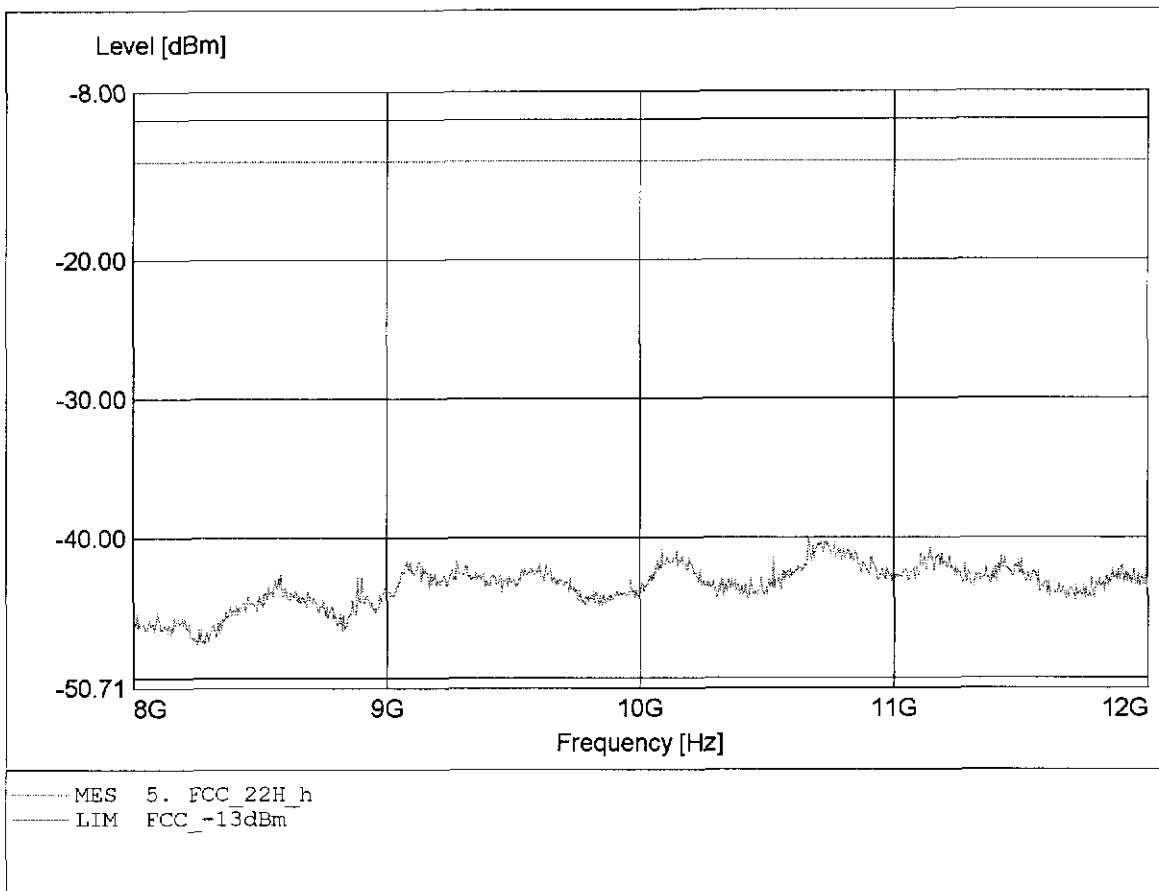
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.769GHz, Pmax: -40.25dBm, RBW: 1MHz



**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Applicant: Pantech Co., Ltd.  
EUT: Triple Band GSM 850 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)  
Model: PG-3210 / Channel: 251  
Temperature/ Voltage: Temp.: 23°C, Uncom.: 4.20 VDC  
Test Site / Operator: ETS / Mr. Handrik  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.667GHz, Pmax: -39.91dBm, RBW: 1MHz



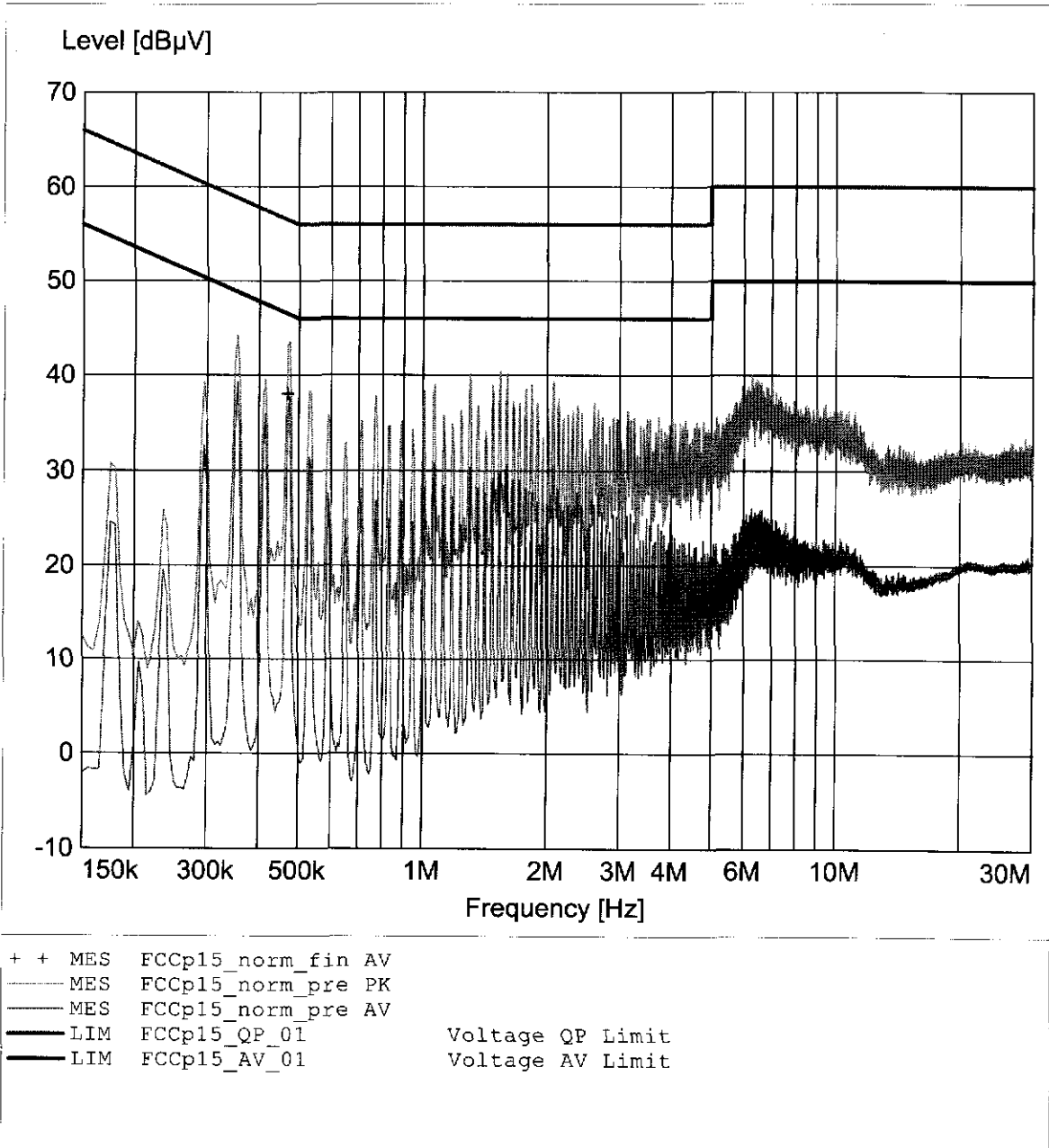


## Appendix J

Line Conducted Emissions

**EMI voltage test in the ac-mains according to FCC part 15**

EUT: Triple Band GSM 850 (E\_GSM)/DCS 1800 /PCS 1900 (with WAP & G  
 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: PG3210





**EMI voltage test in the ac-mains according to FCC part 15**

EUT: Triple Band GSM 850 (E\_GSM)/DCS 1800 /PCS 1900 (with WAP & G  
Manufacturer: Pantech Co., Ltd.  
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Thom: 23°C  
Test Site: ETS  
Operator: Mr. Pflug  
Test Specification: V-Network: ESH2-Z5 (L1)  
Comment: model: PG3210

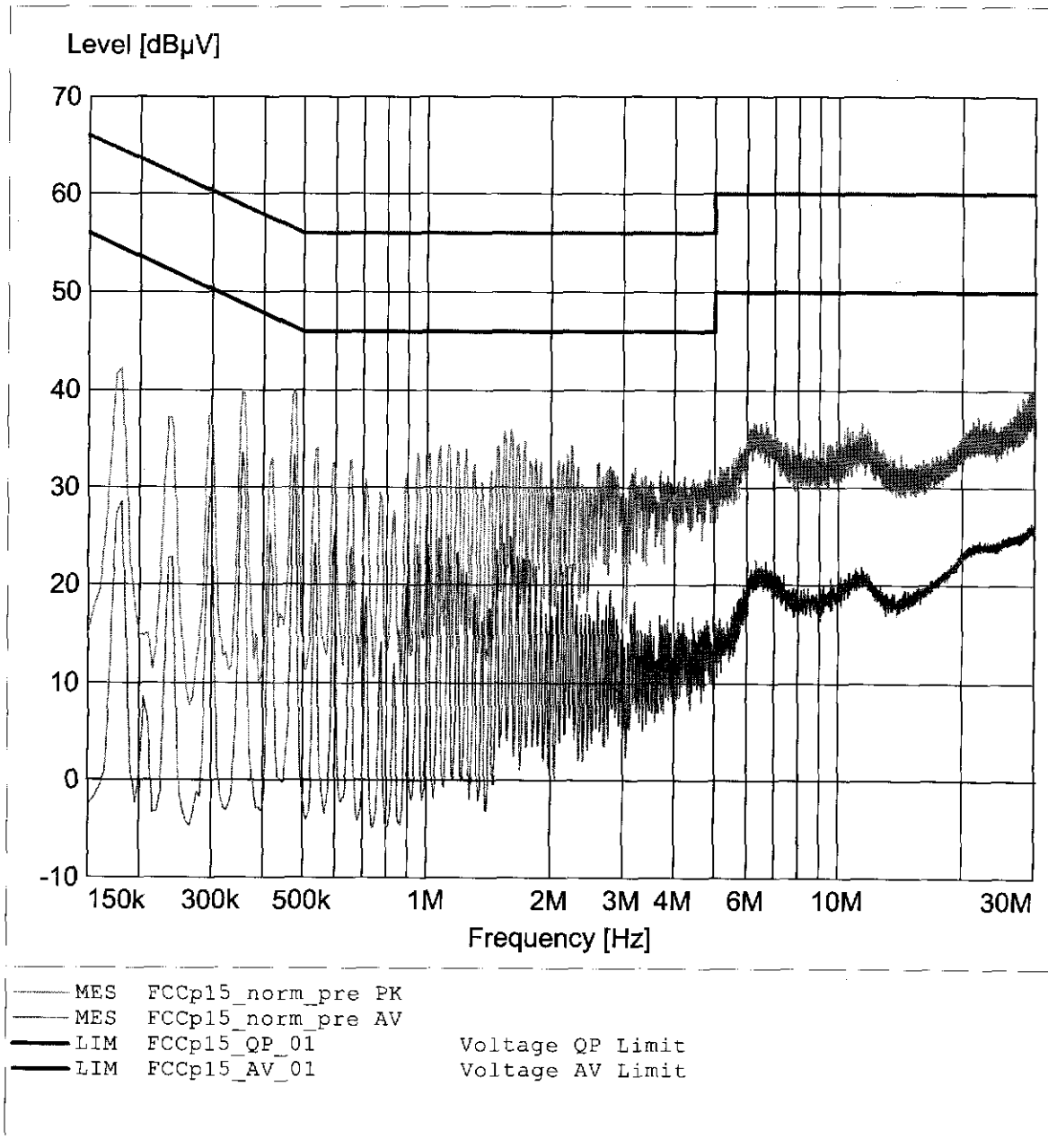
**MEASUREMENT RESULT: "FCCp15\_norm\_fin AV"**

24.02.2005 10:17

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.470000	38.00	10.0	47	8.5	---	---

# EMI voltage test in the ac-mains according to FCC part 15

EUT: Triple Band GSM 850 (E\_GSM)/DCS 1800 /PCS 1900 (with WAP & G  
Manufacturer: Pantech Co., Ltd.  
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Thom: 23°C  
Test Site: ETS  
Operator: Mr. Pflug  
Test Specification: V-Network: ESH2-Z5 (N)  
Comment: model: PG3210





## Appendix K

### Frequency Stability vs. Temperature

No diagrams  
Refer to point 13.2



## Appendix L

### Frequency Stability vs. Voltage

No diagrams  
Refer to point 14.2