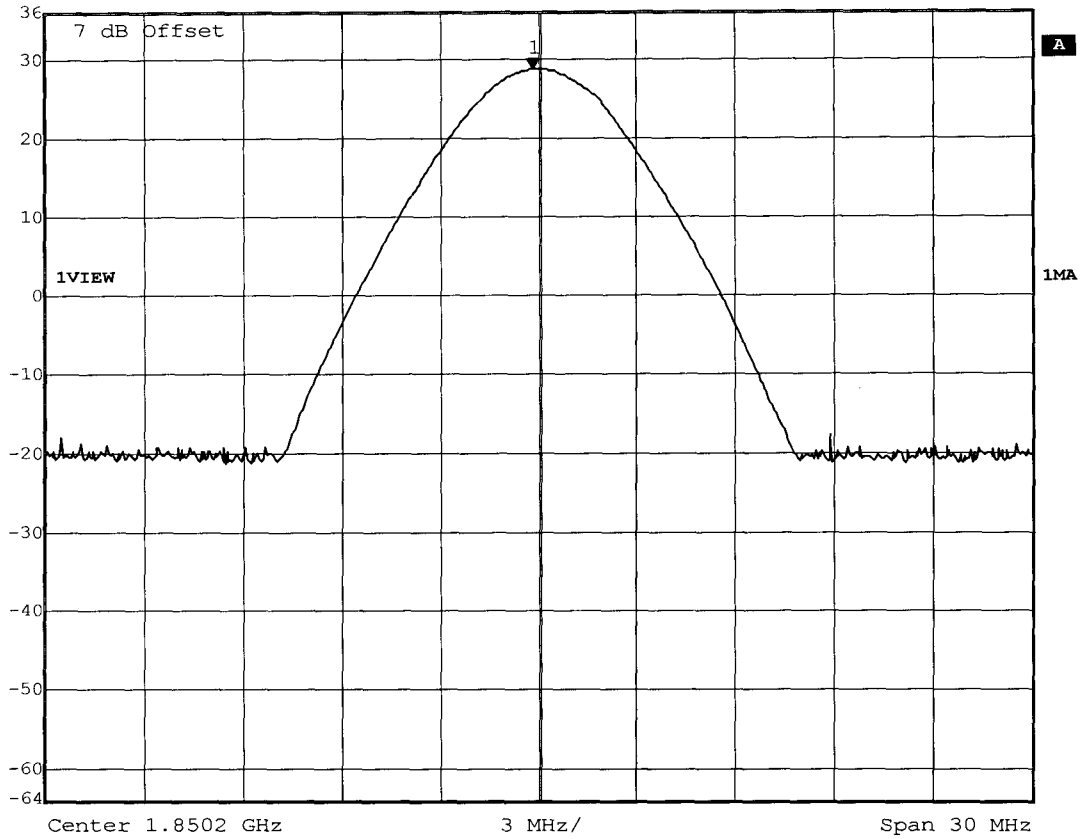


## **Appendix B**

RF Power Output



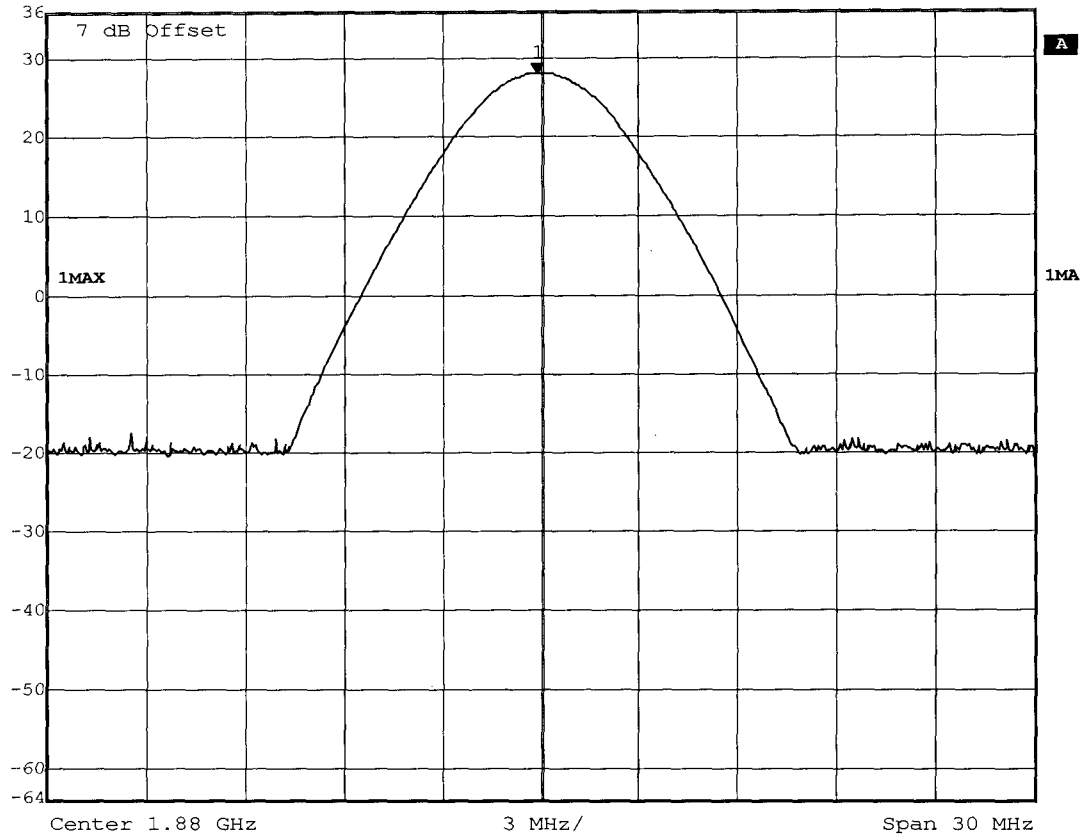
|         |                |     |       |        |       |
|---------|----------------|-----|-------|--------|-------|
| Ref Lvl | Marker 1 [T1]  | RBW | 3 MHz | RF Att | 50 dB |
| 36 dBm  | 28.56 dBm      | VBW | 3 MHz |        |       |
|         | 1.85004970 GHz | SWT | 5 ms  | Unit   | dBm   |



Title: Output power conducted / Channel: 512  
Comment A: PG-6100  
Date: 9.SEP.2005 11:26:30



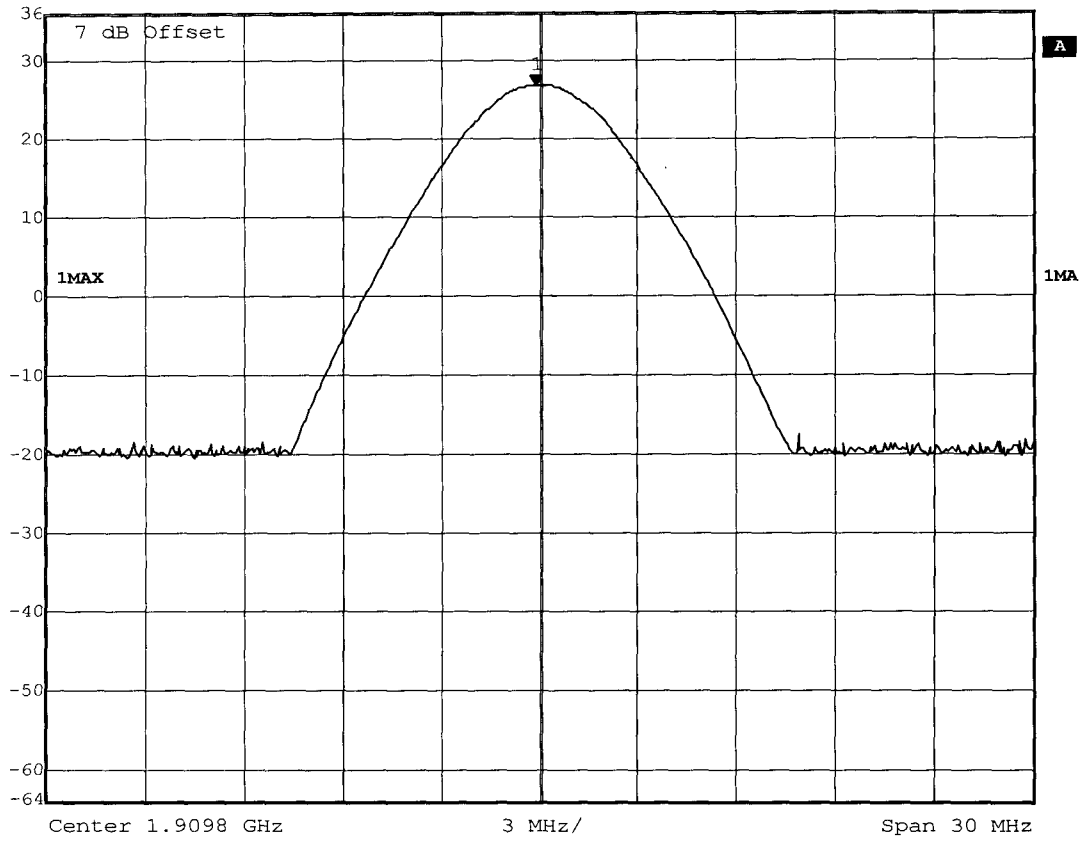
|         |                |     |       |        |       |
|---------|----------------|-----|-------|--------|-------|
| Ref Lvl | Marker 1 [T1]  | RBW | 3 MHz | RF Att | 50 dB |
| 36 dBm  | 27.94 dBm      | VBW | 3 MHz |        |       |
|         | 1.87990982 GHz | SWT | 5 ms  | Unit   | dBm   |



Title: Output power conducted / Channel: 661  
Comment A: PG-6100  
Date: 9.SEP.2005 11:28:04



Marker 1 [T1] RBW 3 MHz RF Att 50 dB  
Ref Lvl 26.67 dBm VBW 3 MHz  
36 dBm 1.90970982 GHz SWT 5 ms Unit dBm



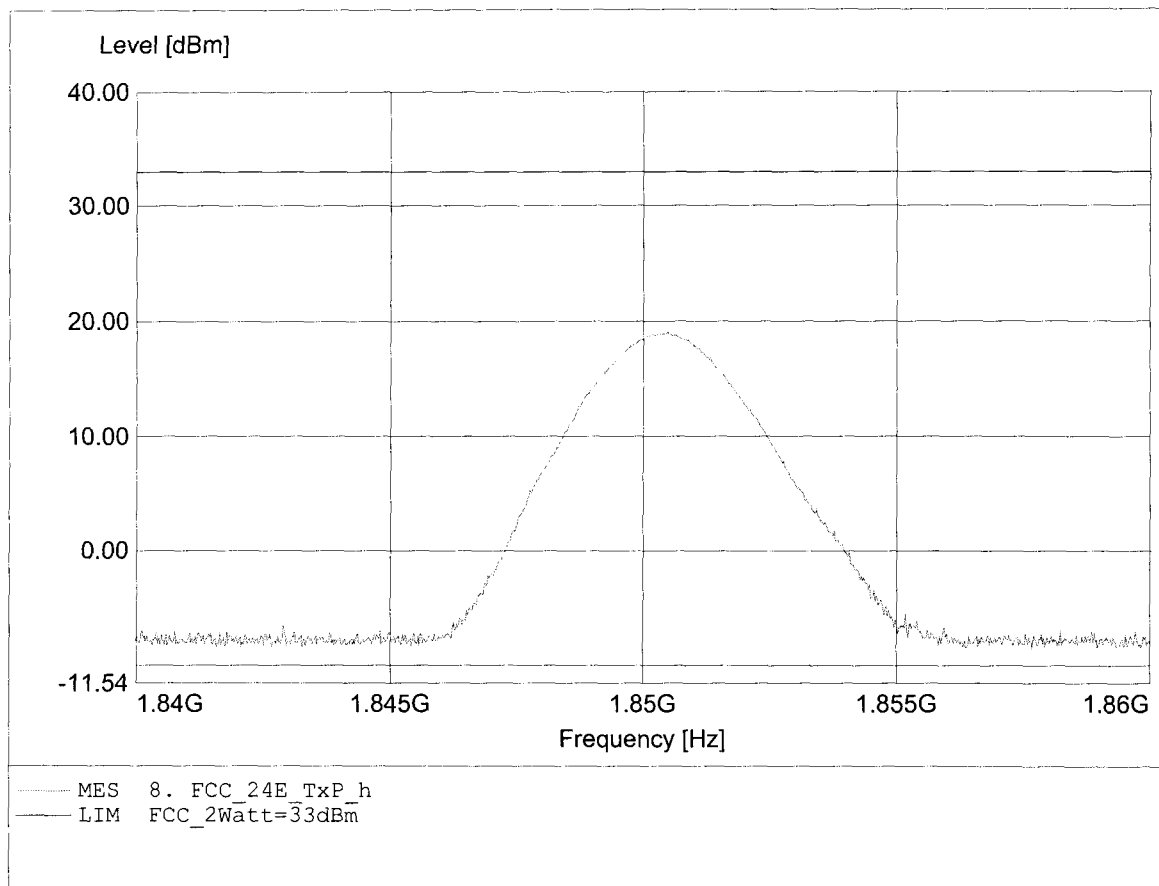
Title: Output power conducted / Channel: 810  
Comment A: PG-6100  
Date: 9.SEP.2005 11:29:11

## Appendix C

Radiated Power

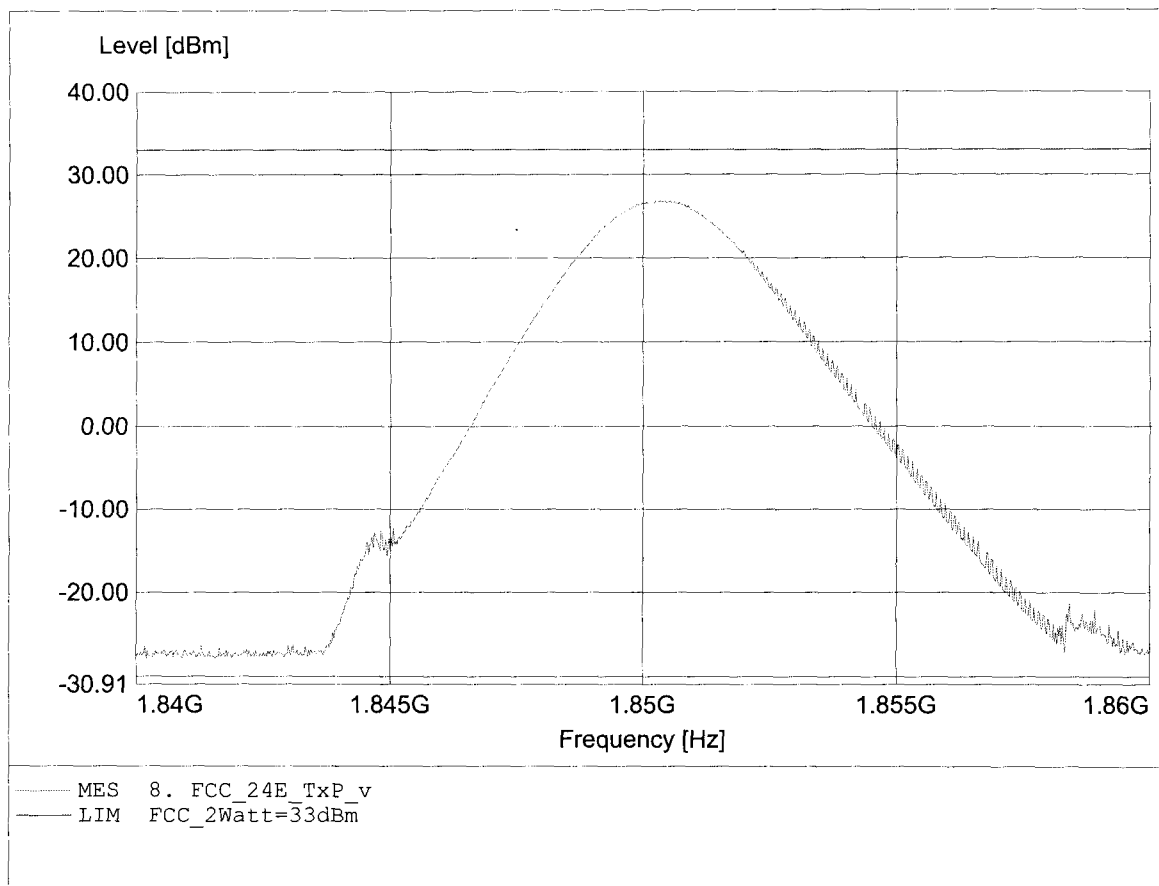
**Equivalent Isotropically Radiated Power**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 19.03dBm, RBW: 3MHz



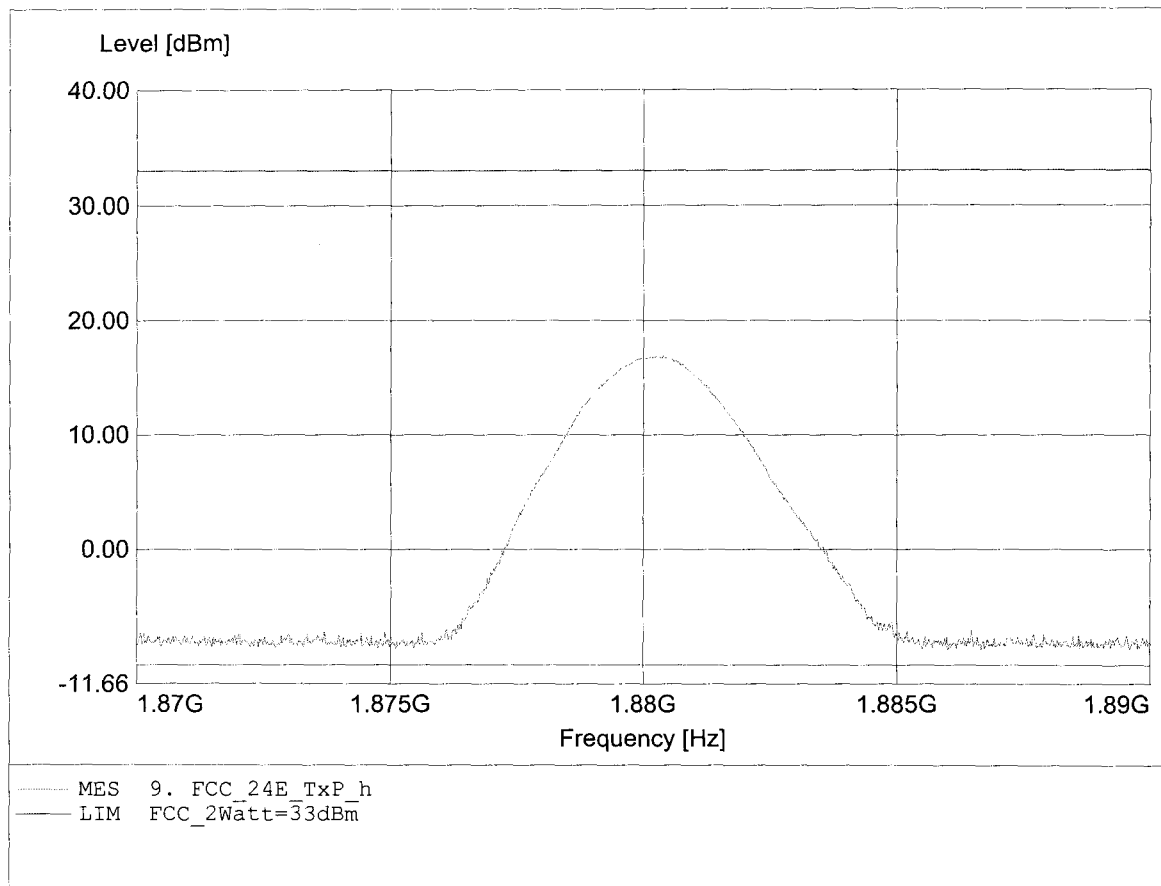
**Equivalent Isotropically Radiated Power**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 26.85dBm, RBW: 3MHz



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

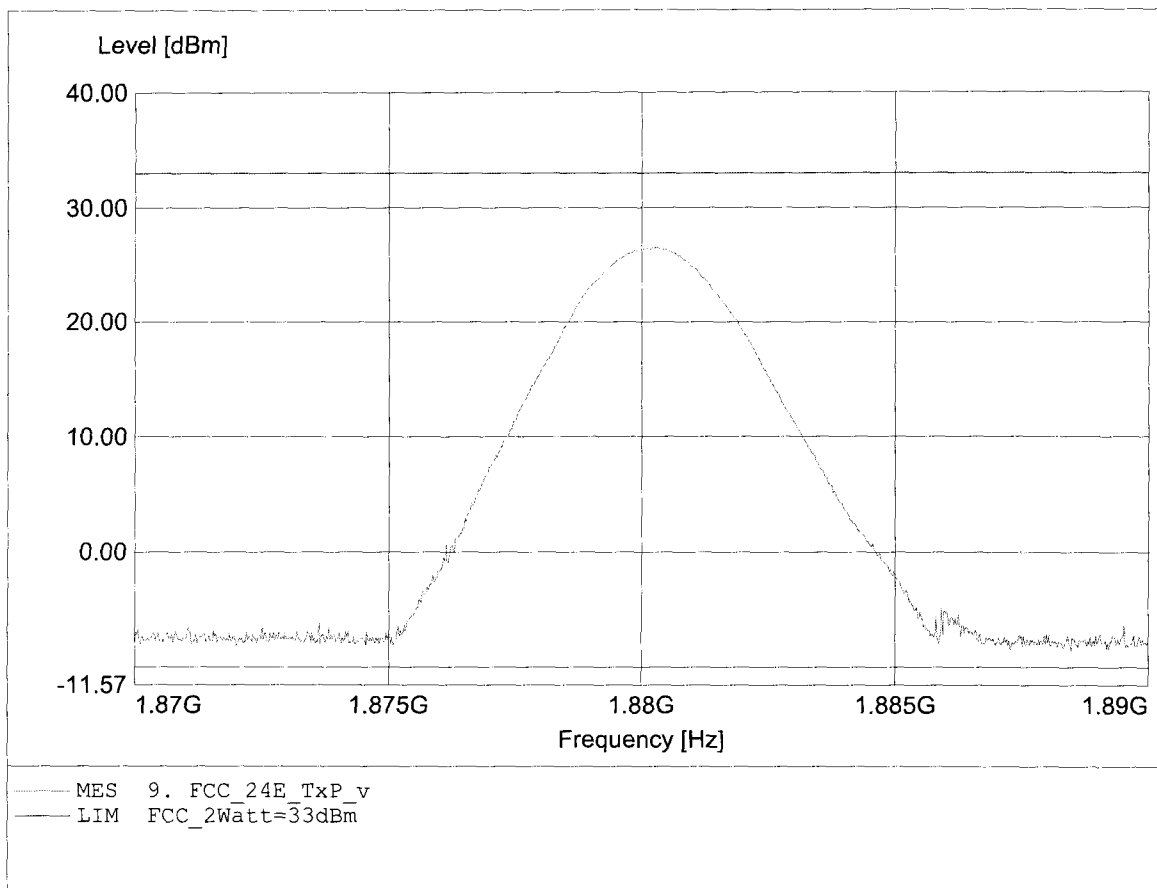
Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 16.91dBm, RBW: 3MHz





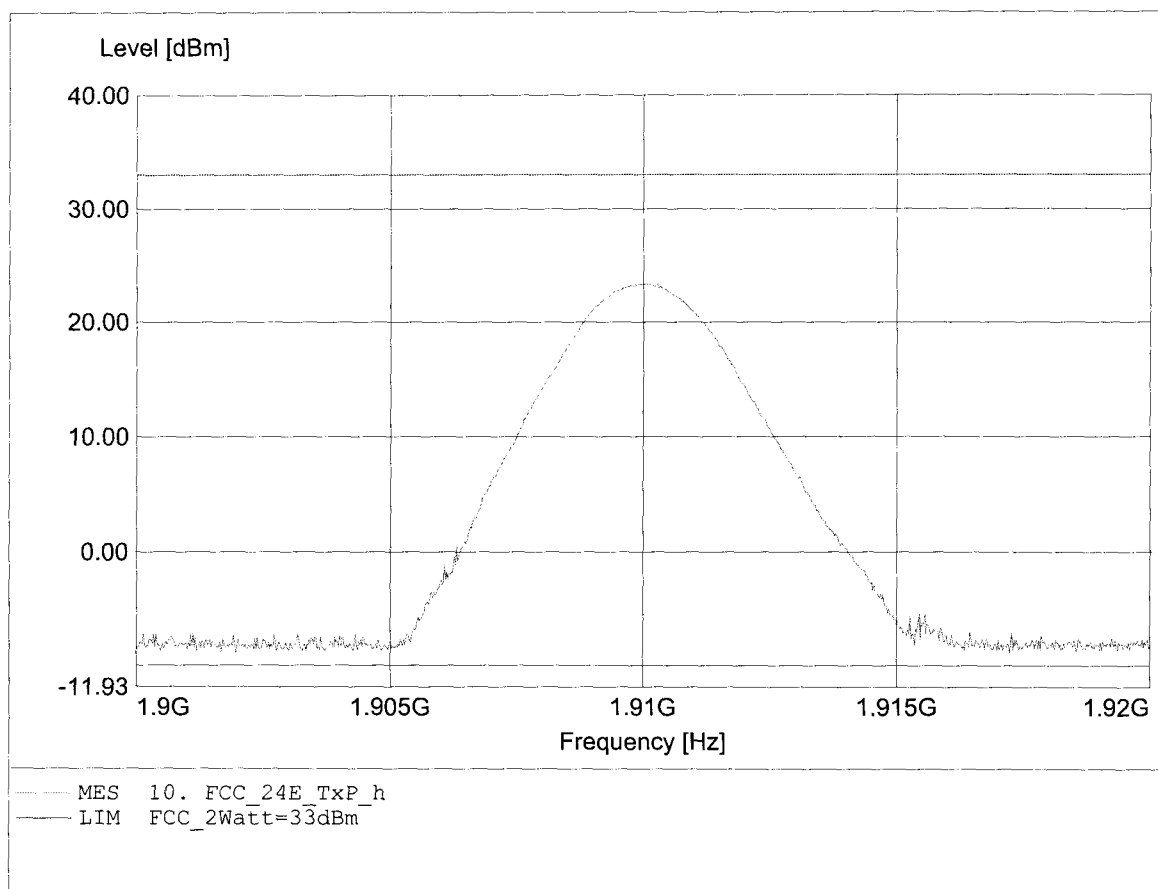
**Equivalent Isotropically Radiated Power**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 26.58dBm, RBW: 3MHz



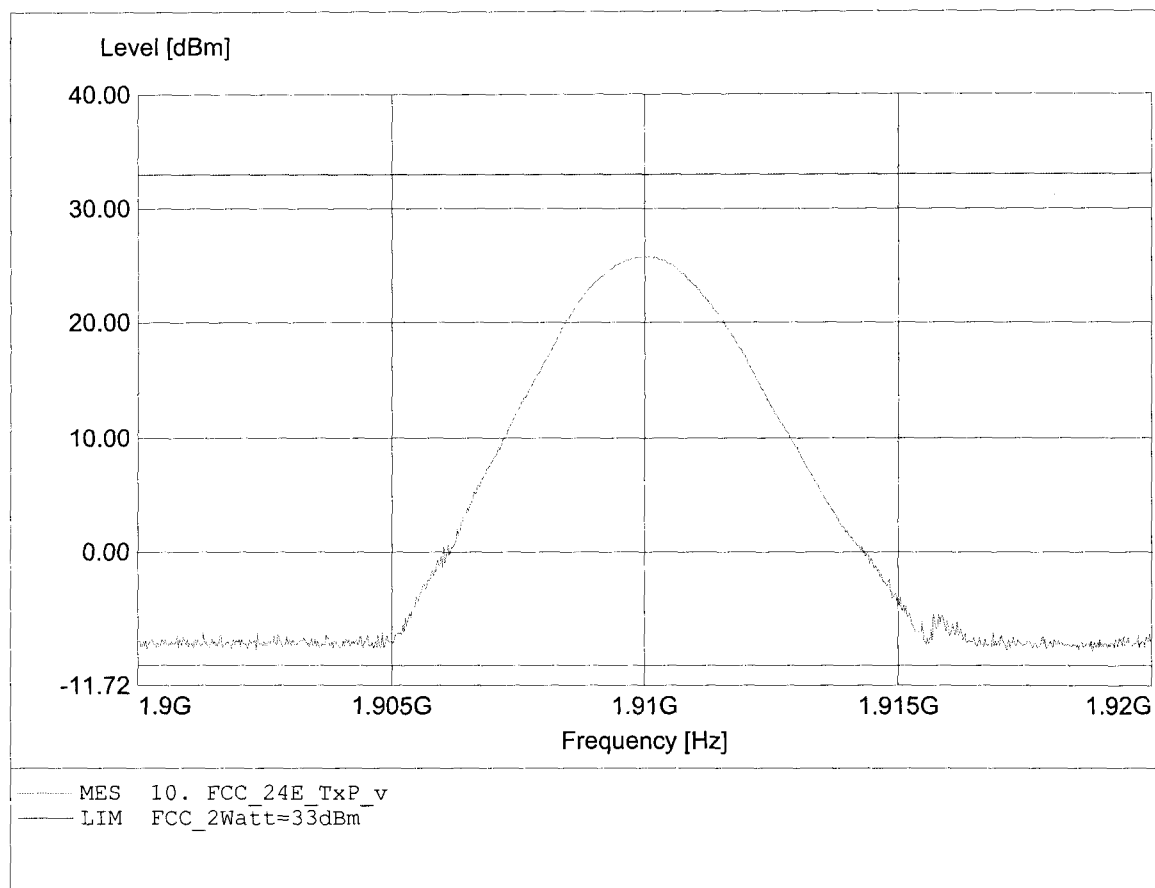
**Equivalent Isotropically Radiated Power**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 23.37dBm, RBW: 3MHz



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

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 25.75dBm, RBW: 3MHz

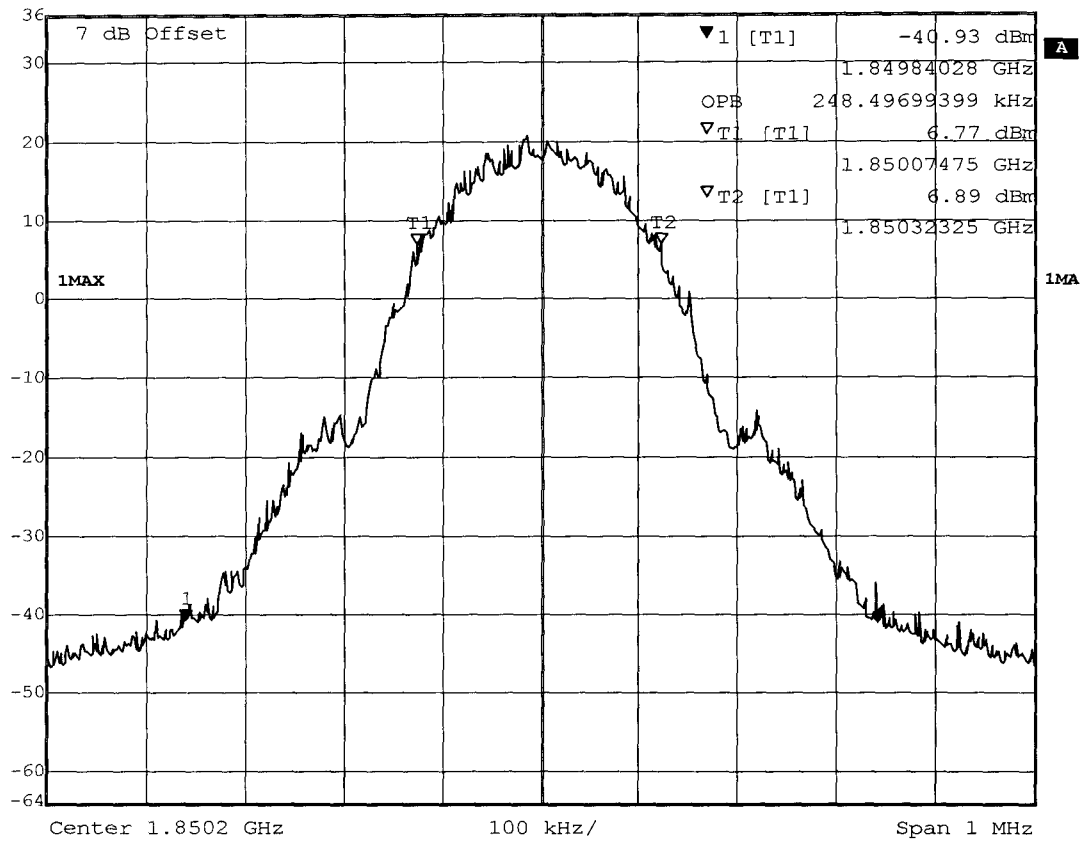


## Appendix D

Occupied Bandwidth



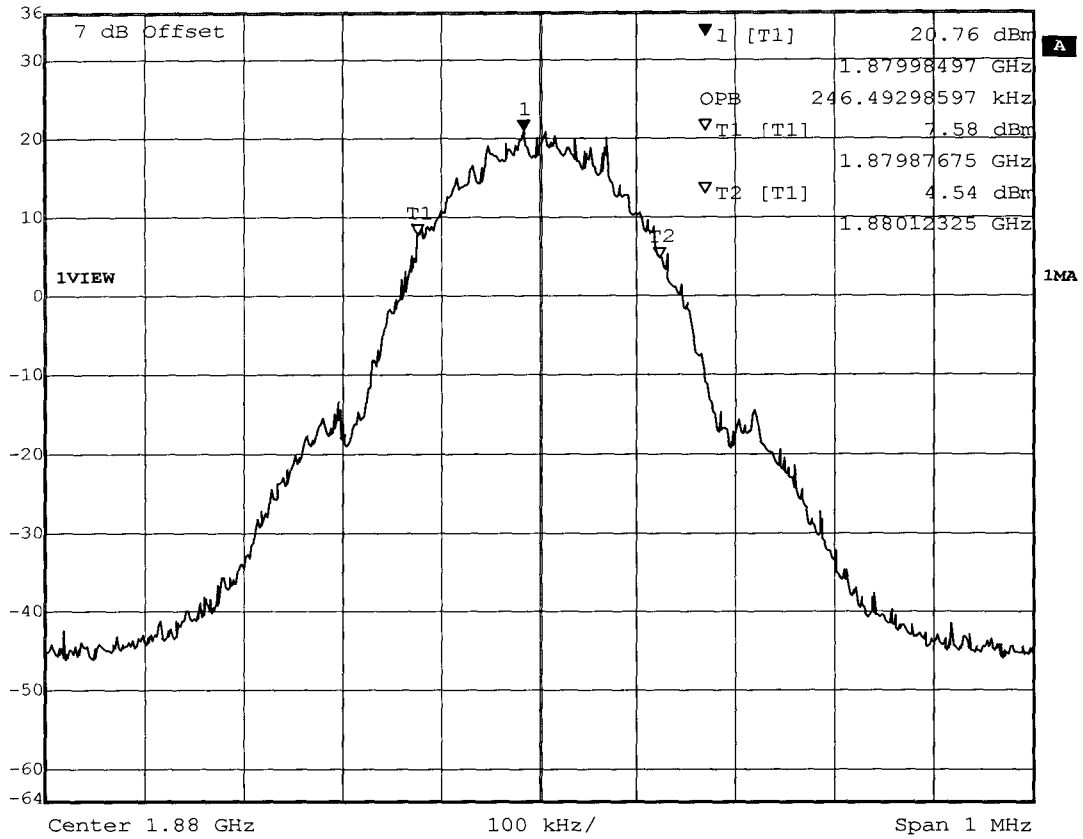
Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl -40.93 dBm VBW 3 kHz  
36 dBm 1.84984028 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth \ Channel: 512  
Comment A: PG-6100  
Date: 9.SEP.2005 11:47:37



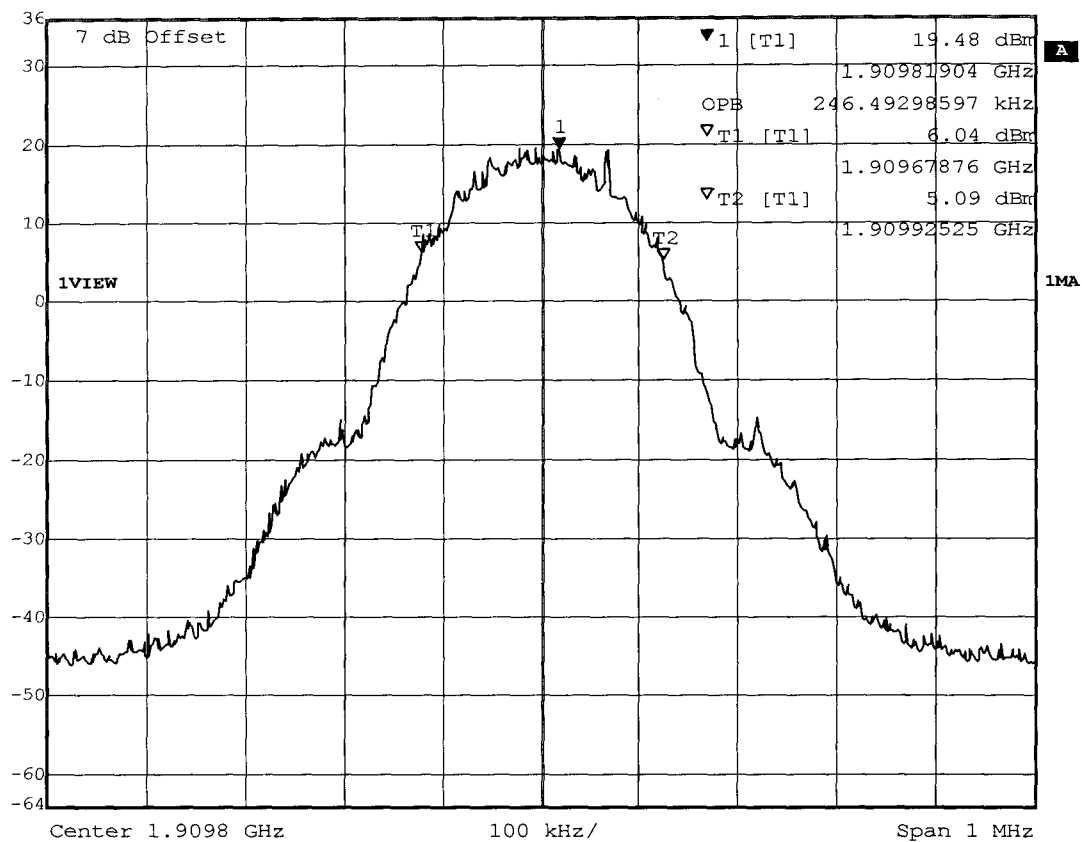
Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
Ref Lvl 20.76 dBm VBW 3 kHz  
36 dBm 1.87998497 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth / Channel: 661  
Comment A: PG-6100  
Date: 9.SEP.2005 11:53:19



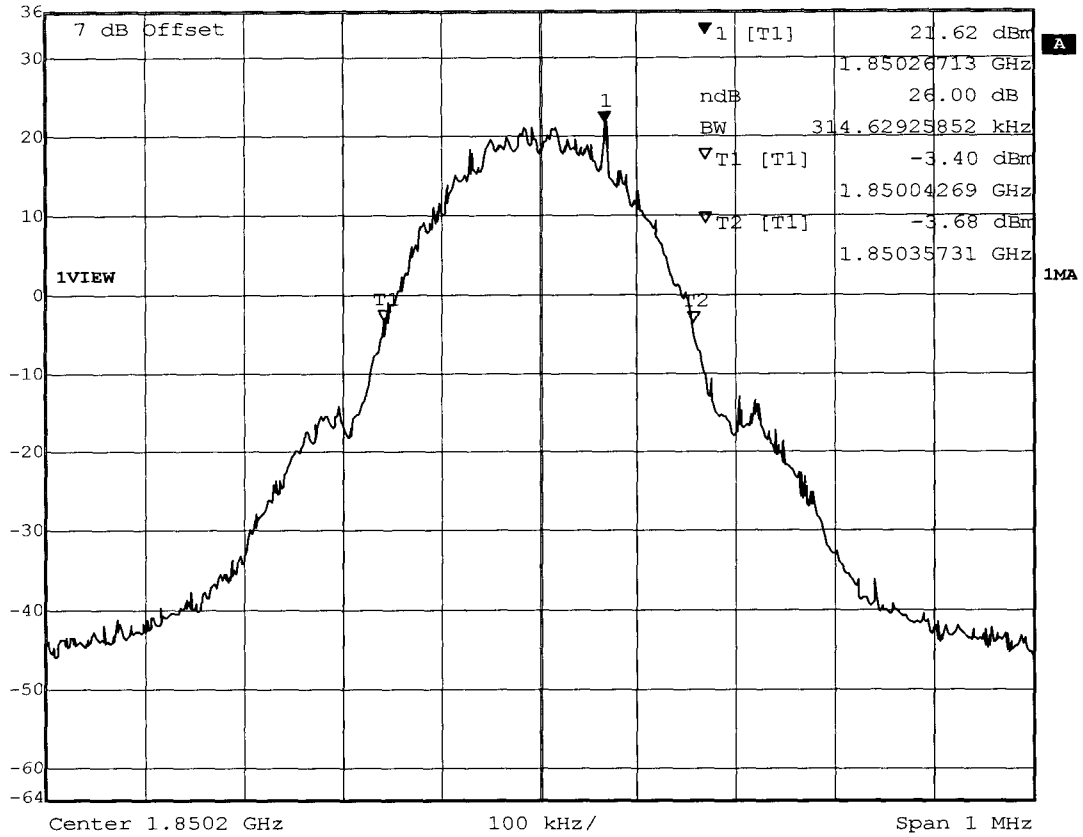
|         |                |     |        |        |       |
|---------|----------------|-----|--------|--------|-------|
| Ref Lvl | Marker 1 [T1]  | RBW | 3 kHz  | RF Att | 50 dB |
| 36 dBm  | 19.48 dBm      | VBW | 3 kHz  |        |       |
|         | 1.90981904 GHz | SWT | 280 ms | Unit   | dBm   |



Title: Occupied Bandwidth / Channel: 810  
Comment A: PG-6100  
Date: 9.SEP.2005 12:20:31



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

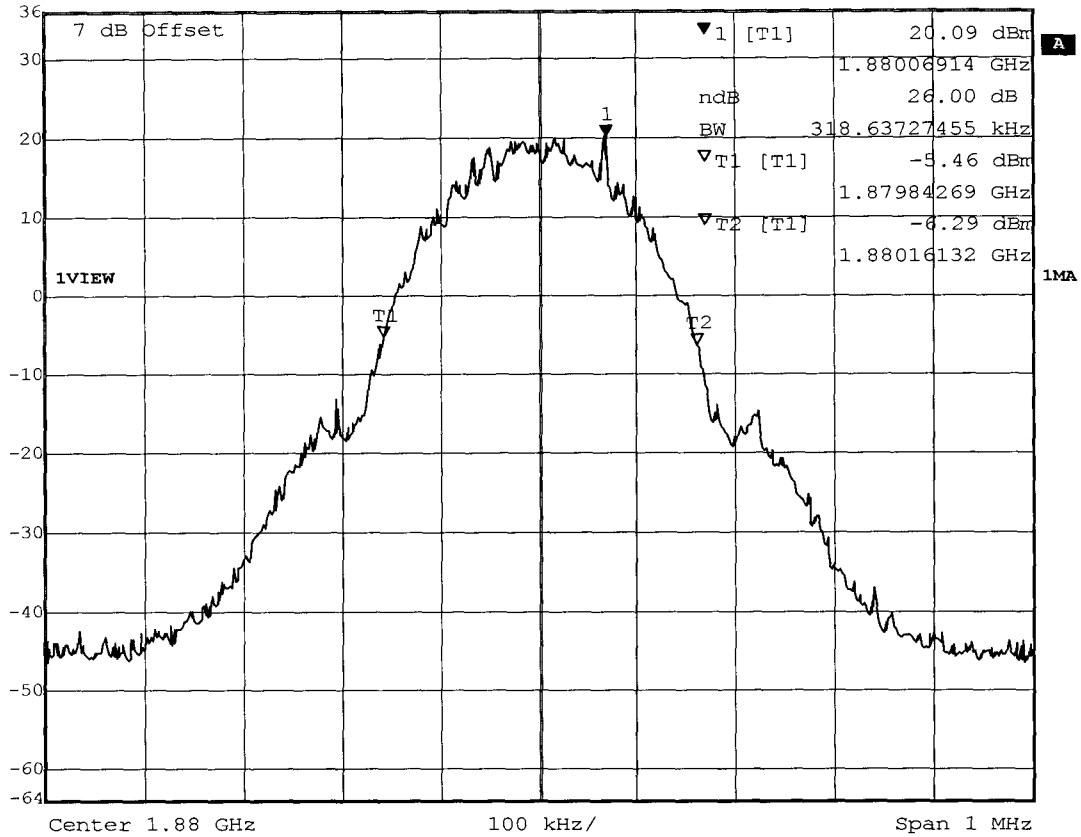


Title: Emission Bandwidth (-26 dB) / Channel: 512  
Comment A: PG-6100  
Date: 9.SEP.2005 11:45:34





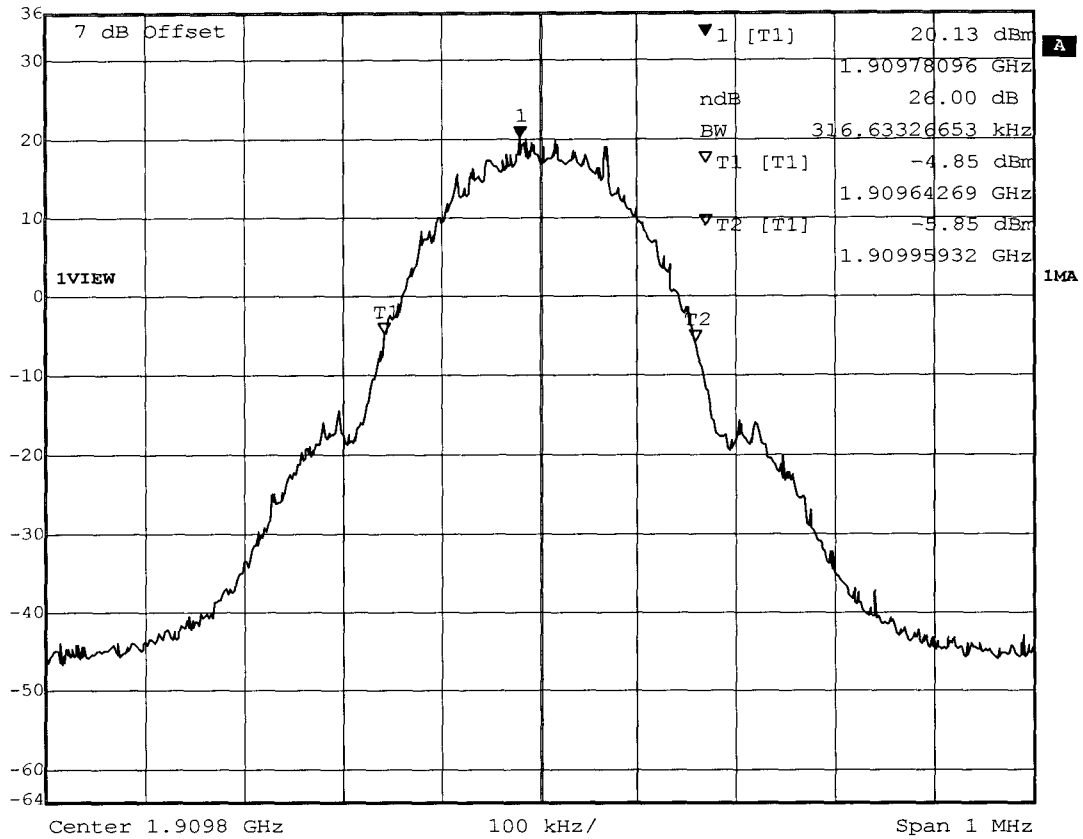
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB  
Ref Lvl ndB 26.00 dB VBW 3 kHz  
36 dBm BW 318.63727455 kHz SWT 280 ms Unit dBm



Title: Emission Bandwidth (-26 dB) / Channel: 661  
Comment A: PG-6100  
Date: 9.SEP.2005 11:56:48



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



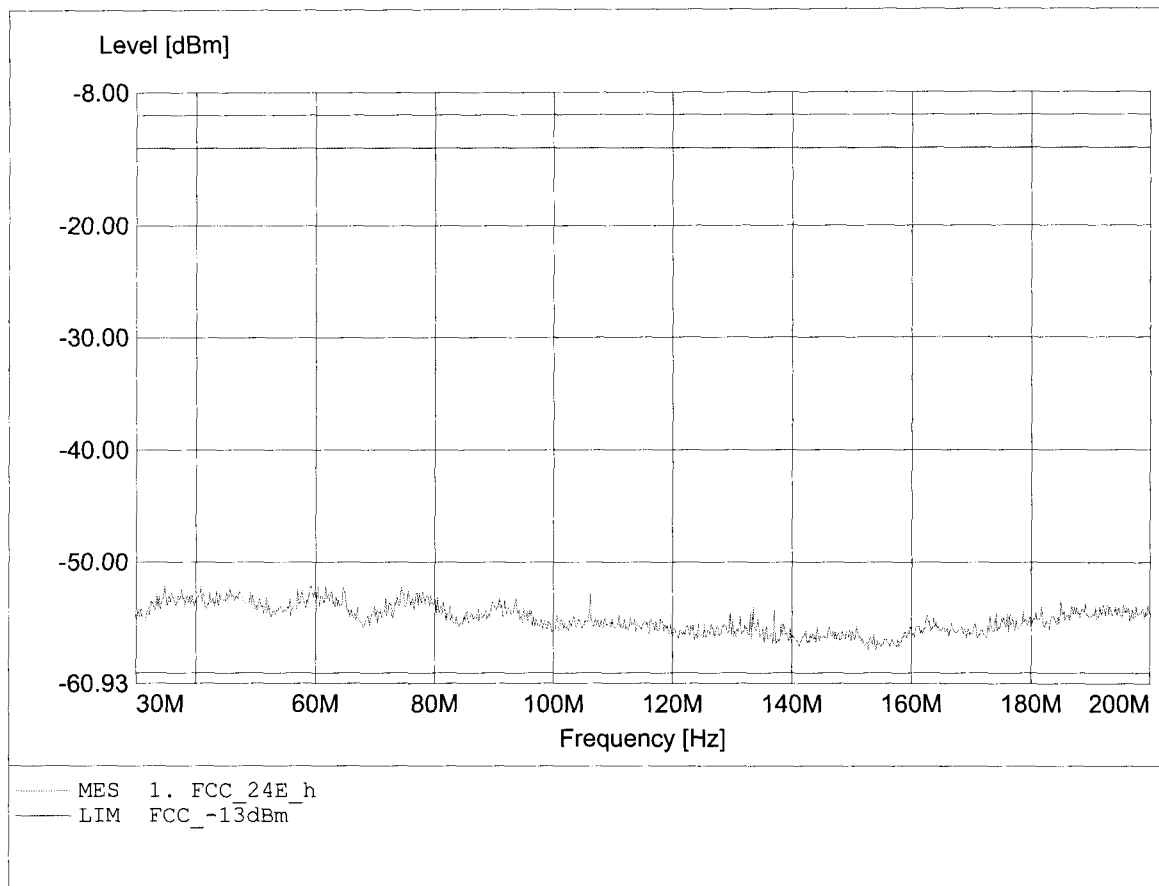
Title: Emission Bandwidth (-26 dB) / Channel: 810  
Comment A: PG-6100  
Date: 9.SEP.2005 12:09:16

## **Appendix E**

### Spurious Radiation

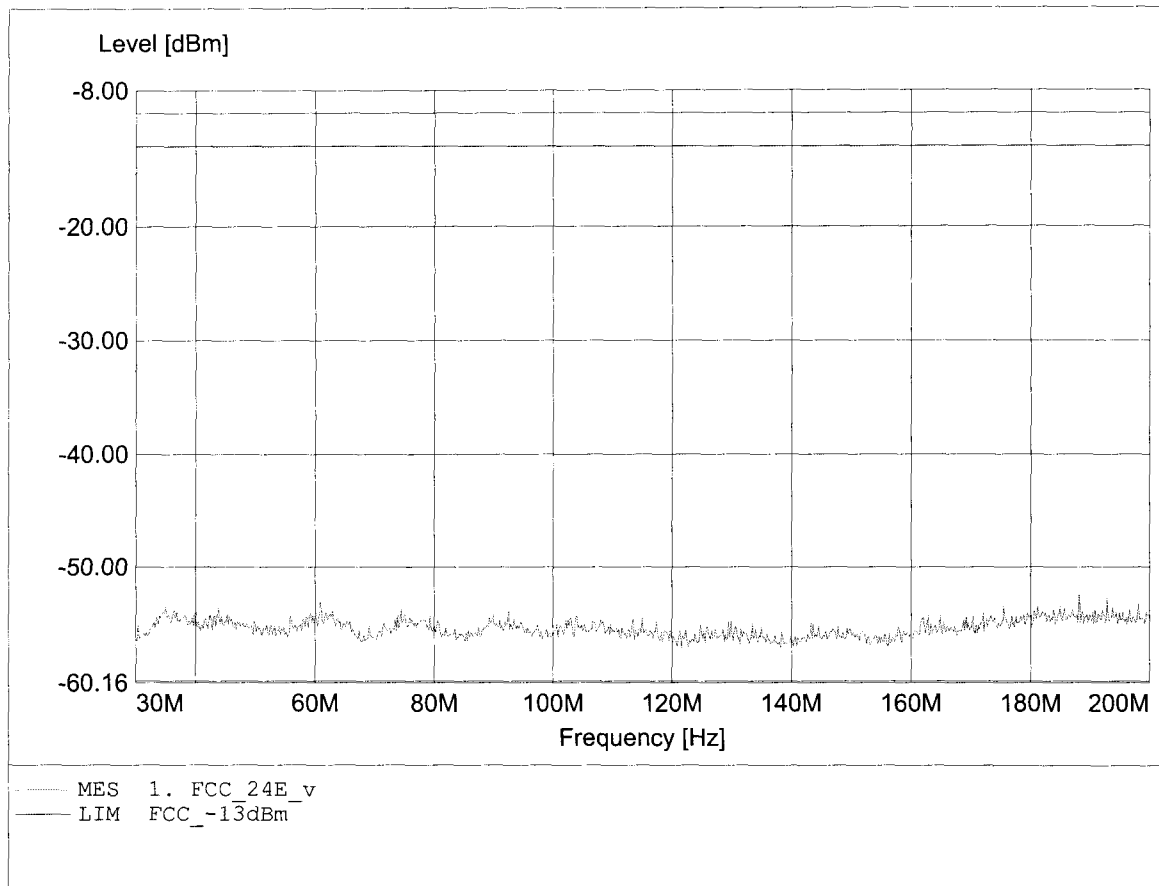
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 61.733MHz, Pmax: -52.12dBm, RBW: 1MHz



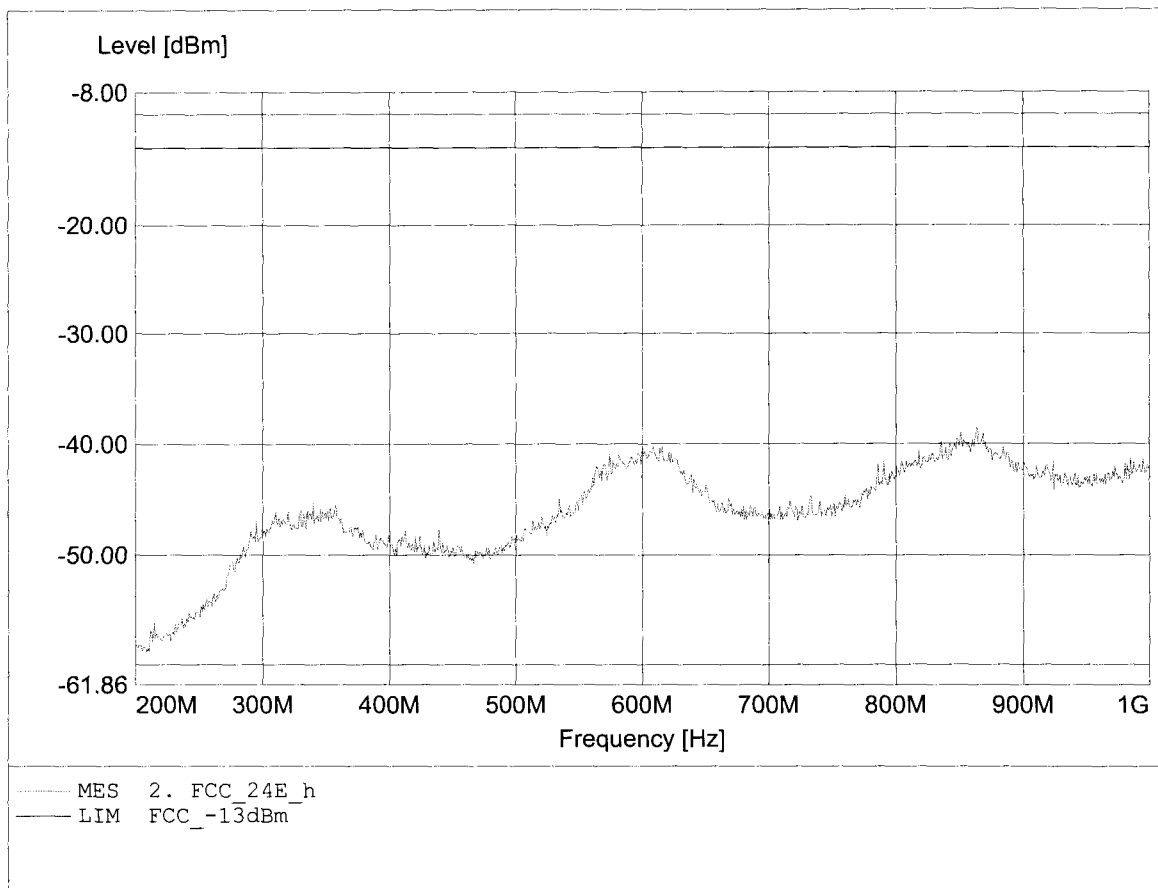
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 188.100MHz, Pmax: -52.18dBm, RBW: 1MHz



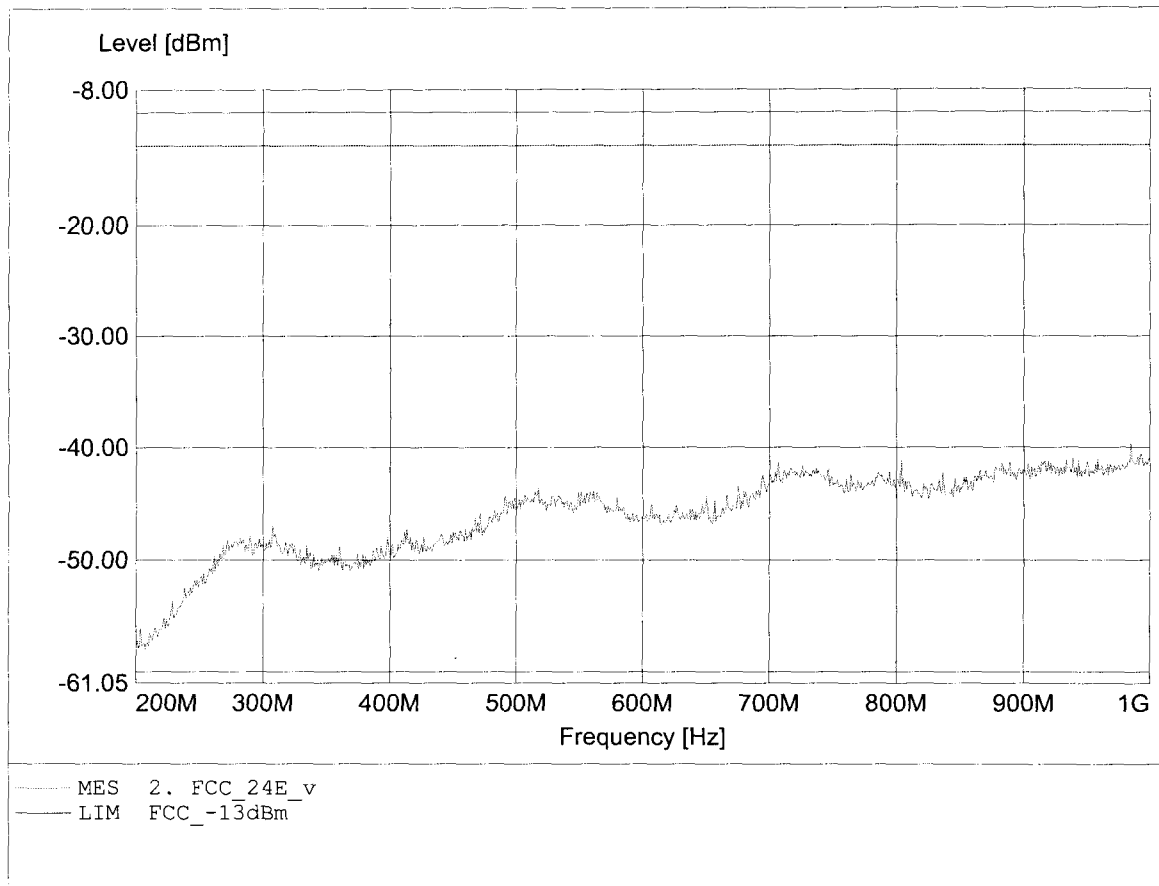
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 863.111MHz, Pmax: -38.51dBm, RBW: 1MHz



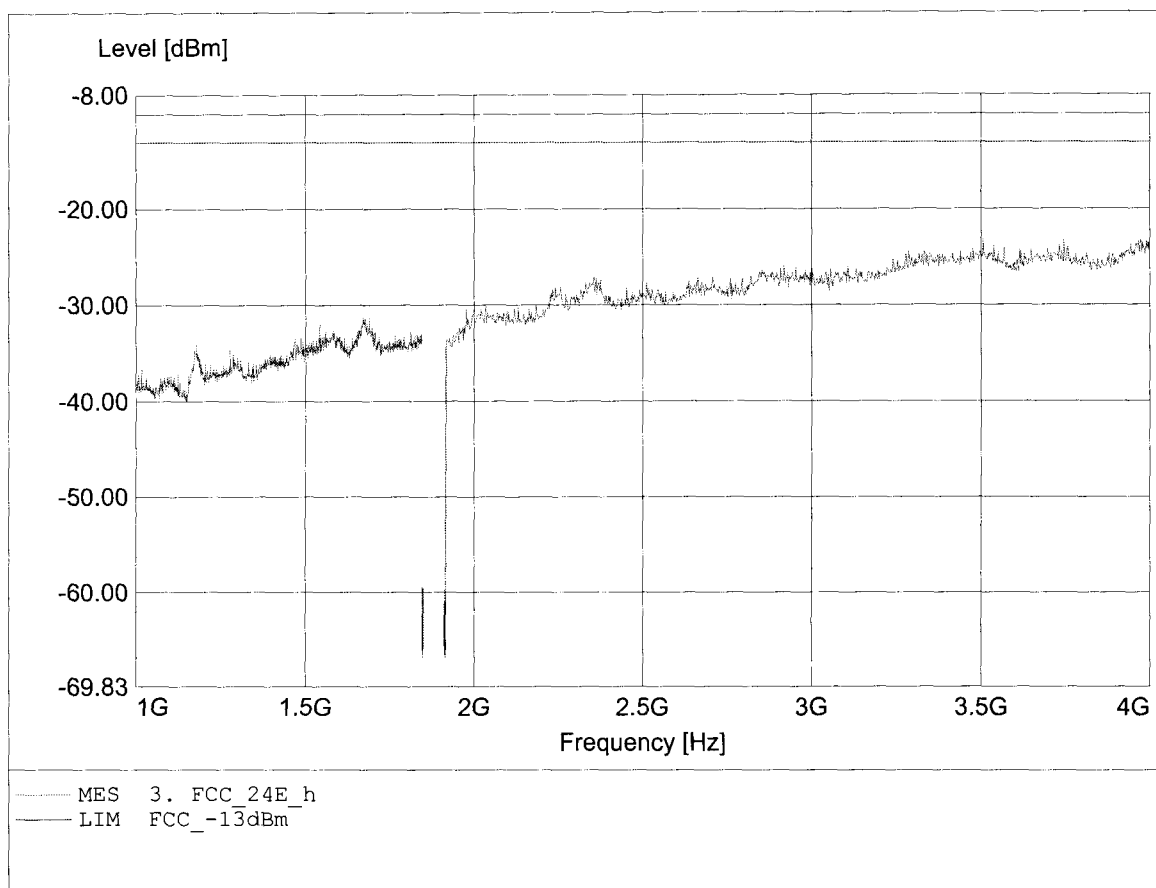
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 984.889MHz, Pmax: -39.57dBm, RBW: 1MHz



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

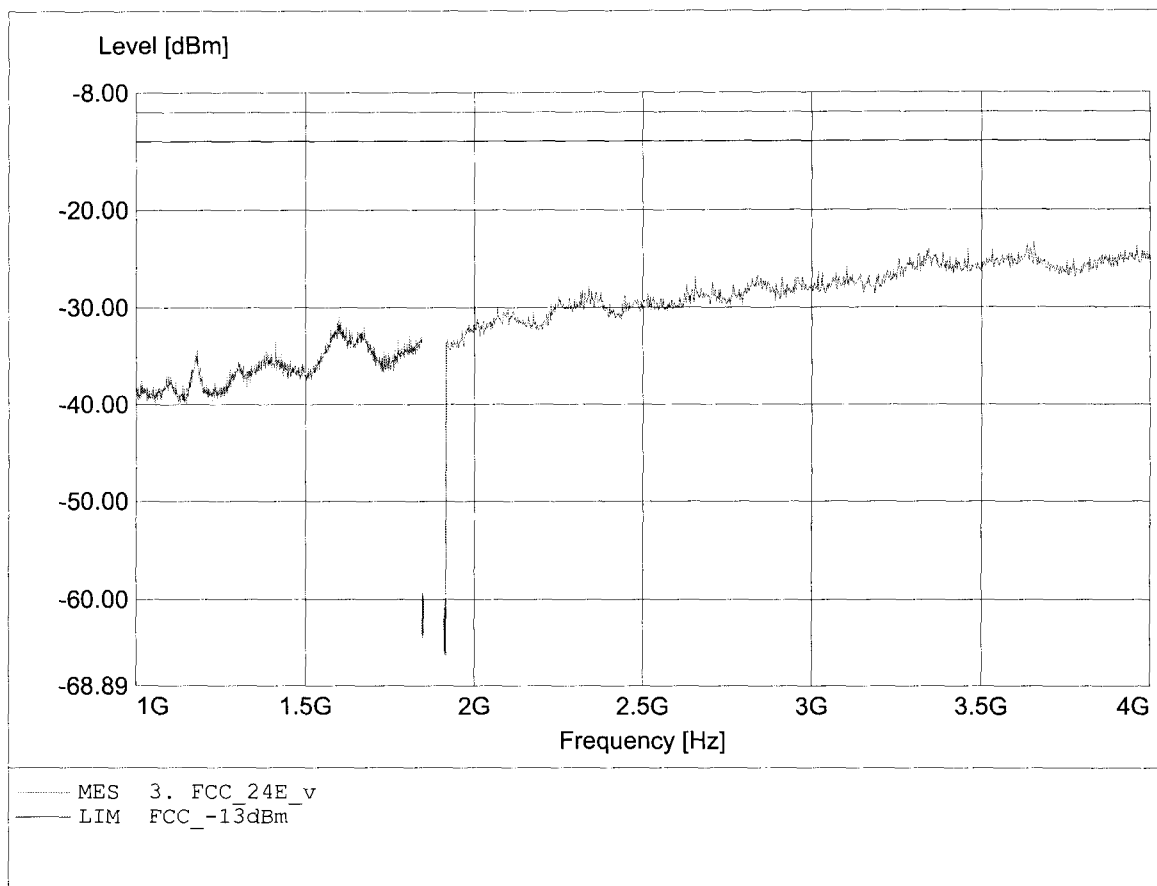
Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.507GHz, Pmax: -23.28dBm, RBW: 1MHz/3kHz





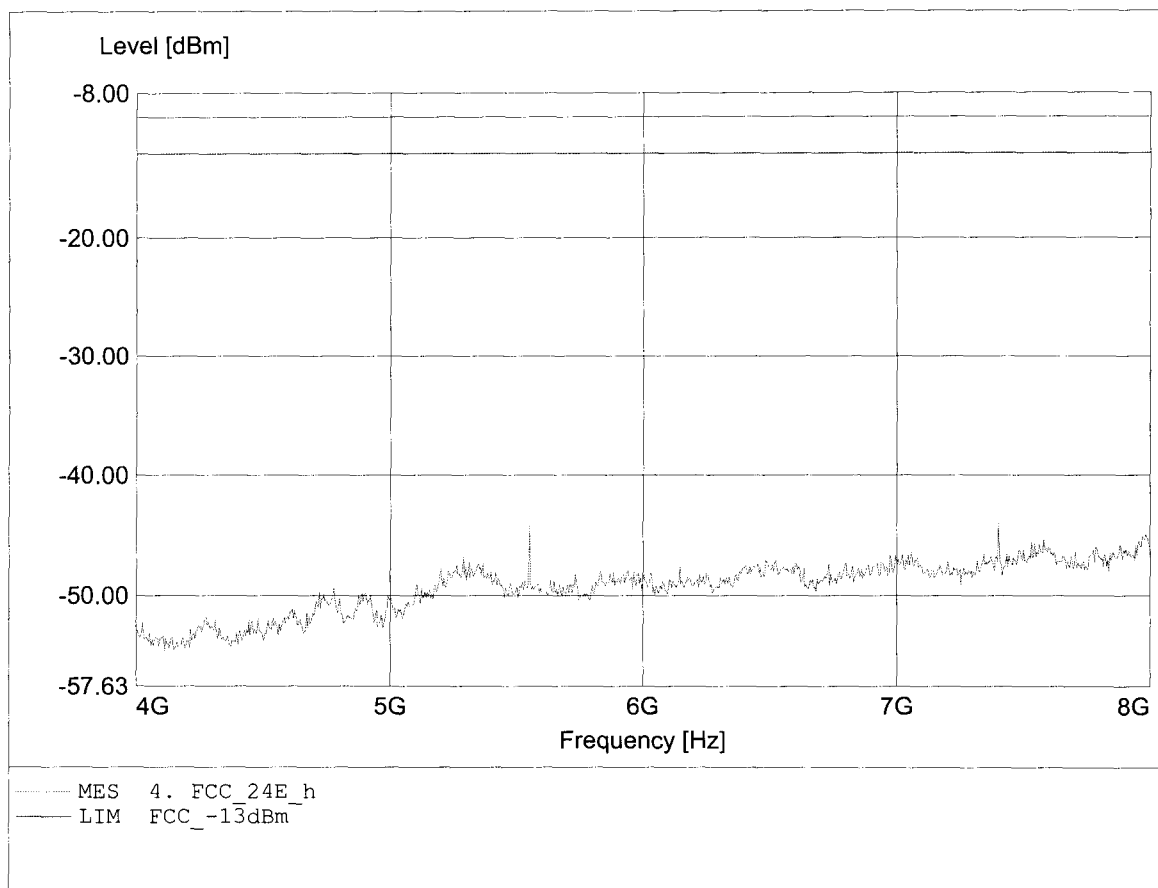
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.655GHz, Pmax: -23.27dBm, RBW: 1MHz/3kHz



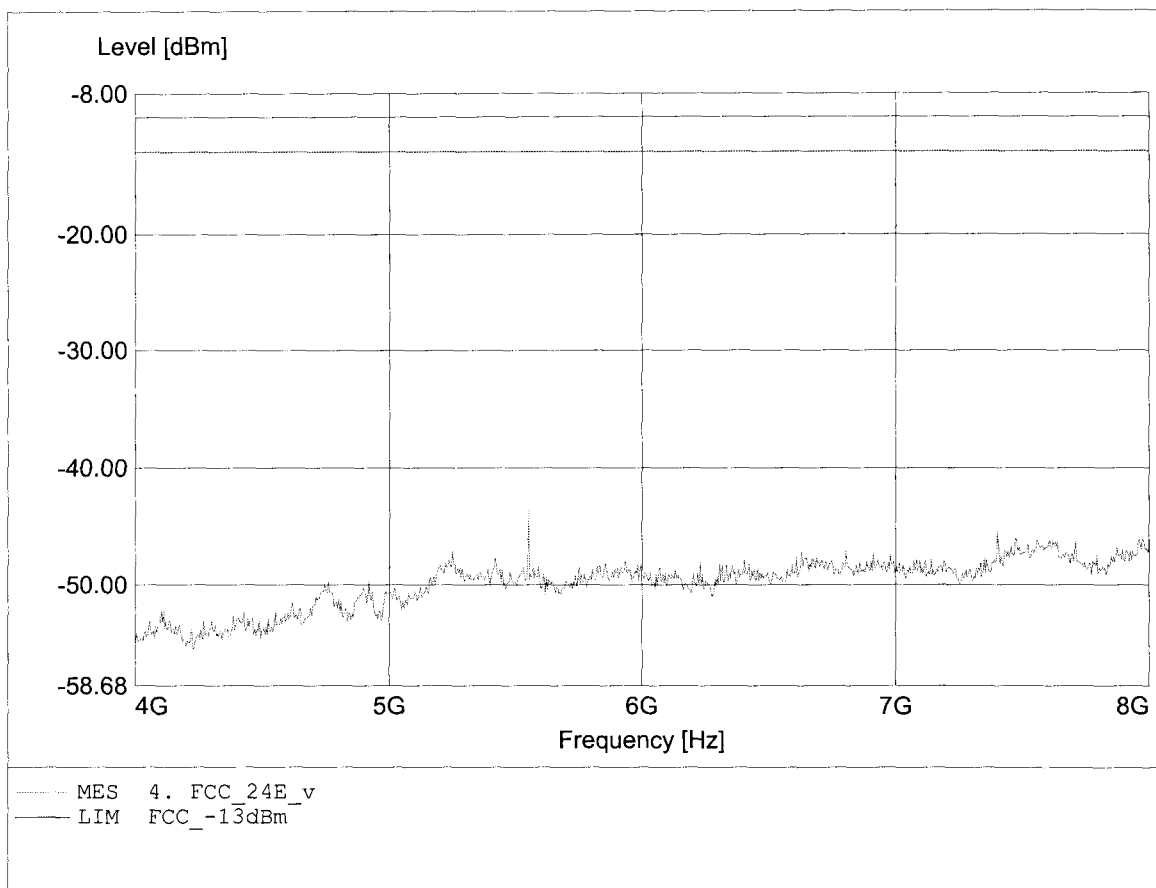
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.400GHz, Pmax: -44.04dBm, RBW: 1MHz



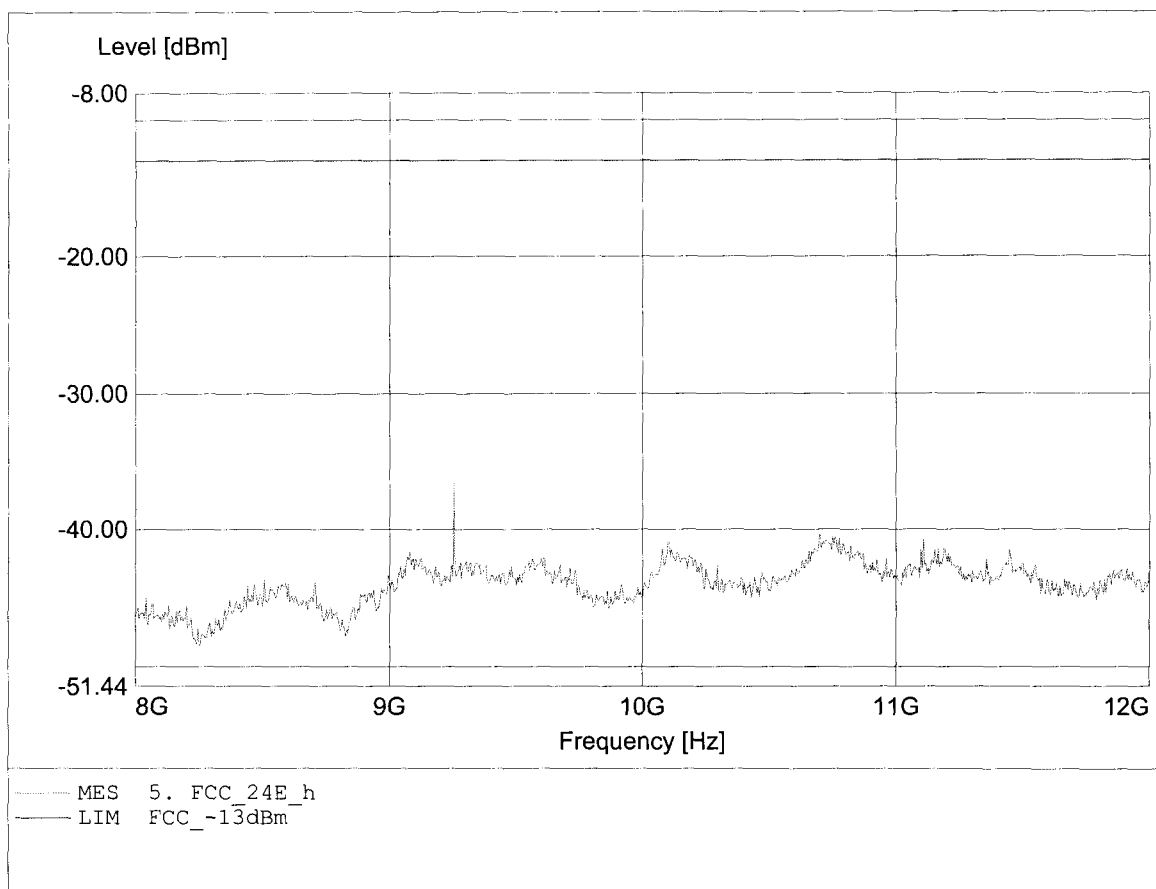
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.551GHz, Pmax: -43.64dBm, RBW: 1MHz



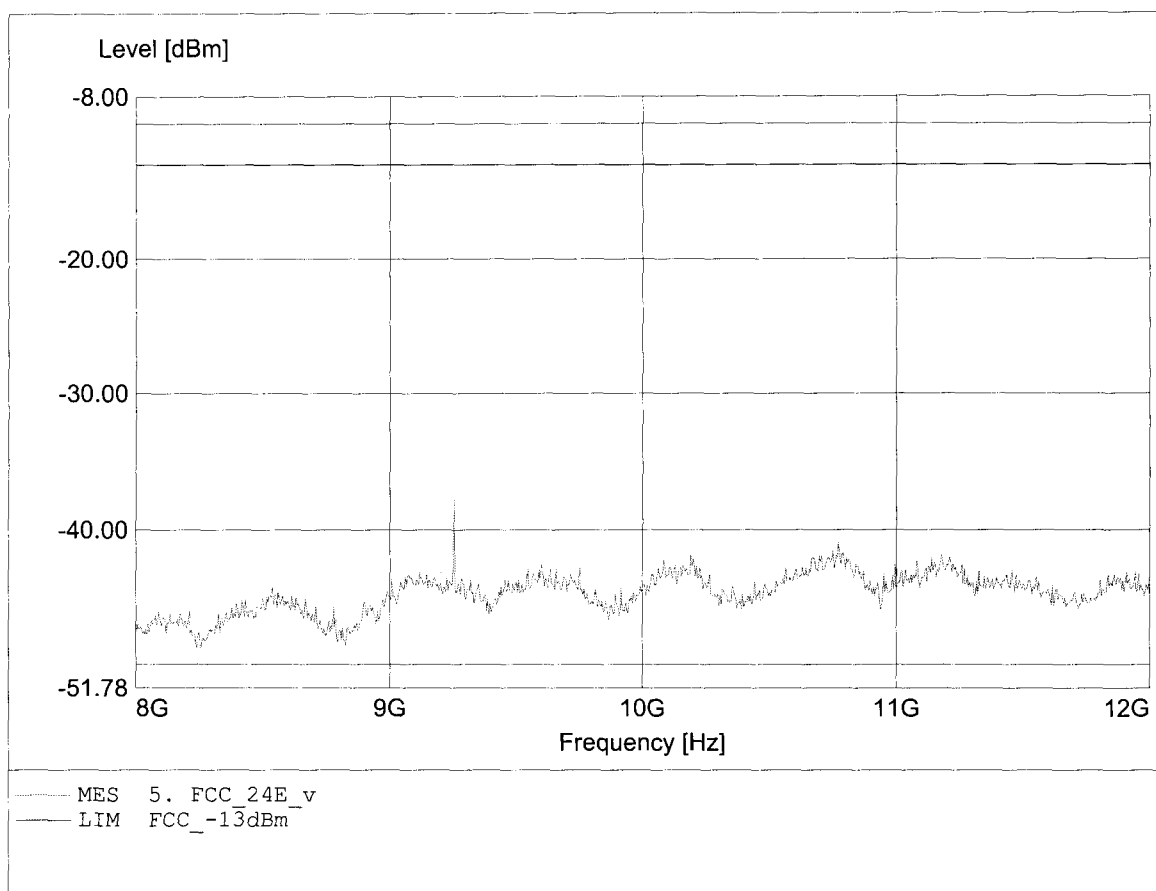
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.253GHz, Pmax: -36.50dBm, RBW: 1MHz



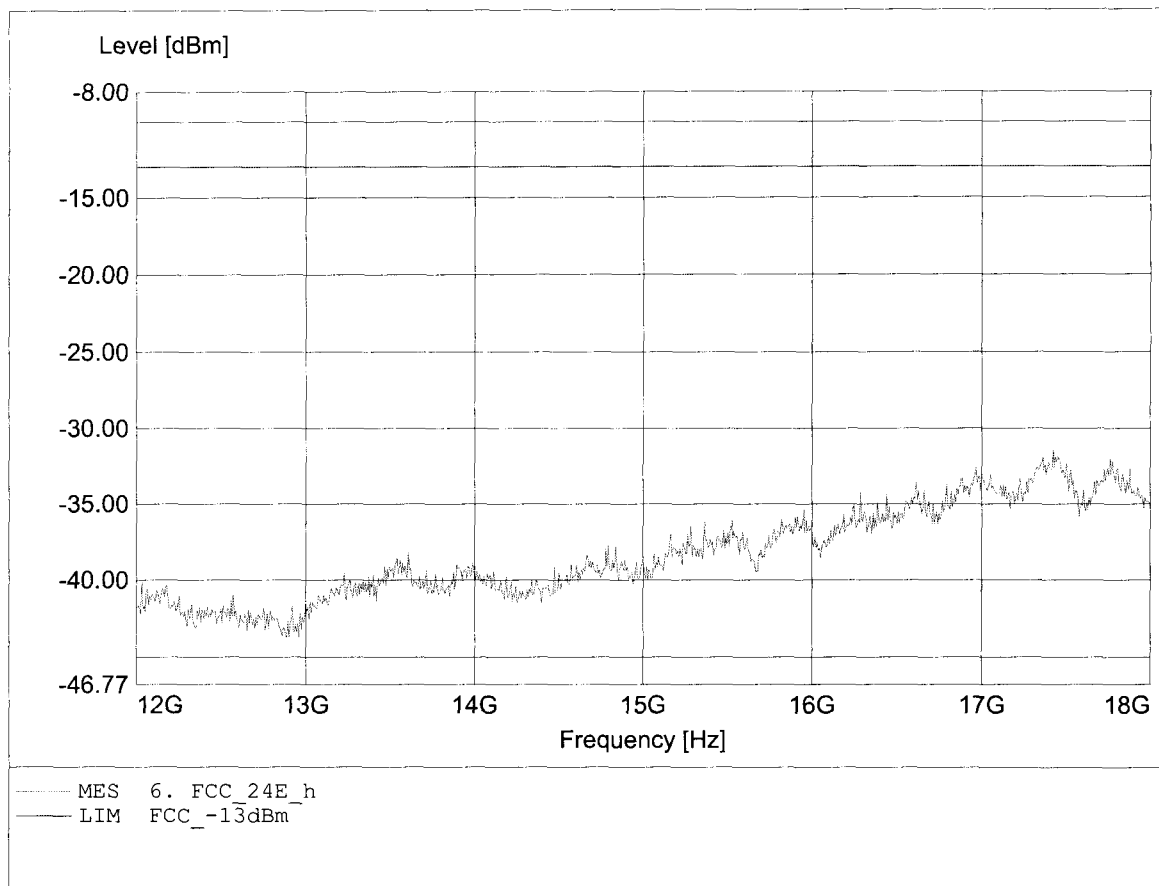
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.253GHz, Pmax: -37.78dBm, RBW: 1MHz



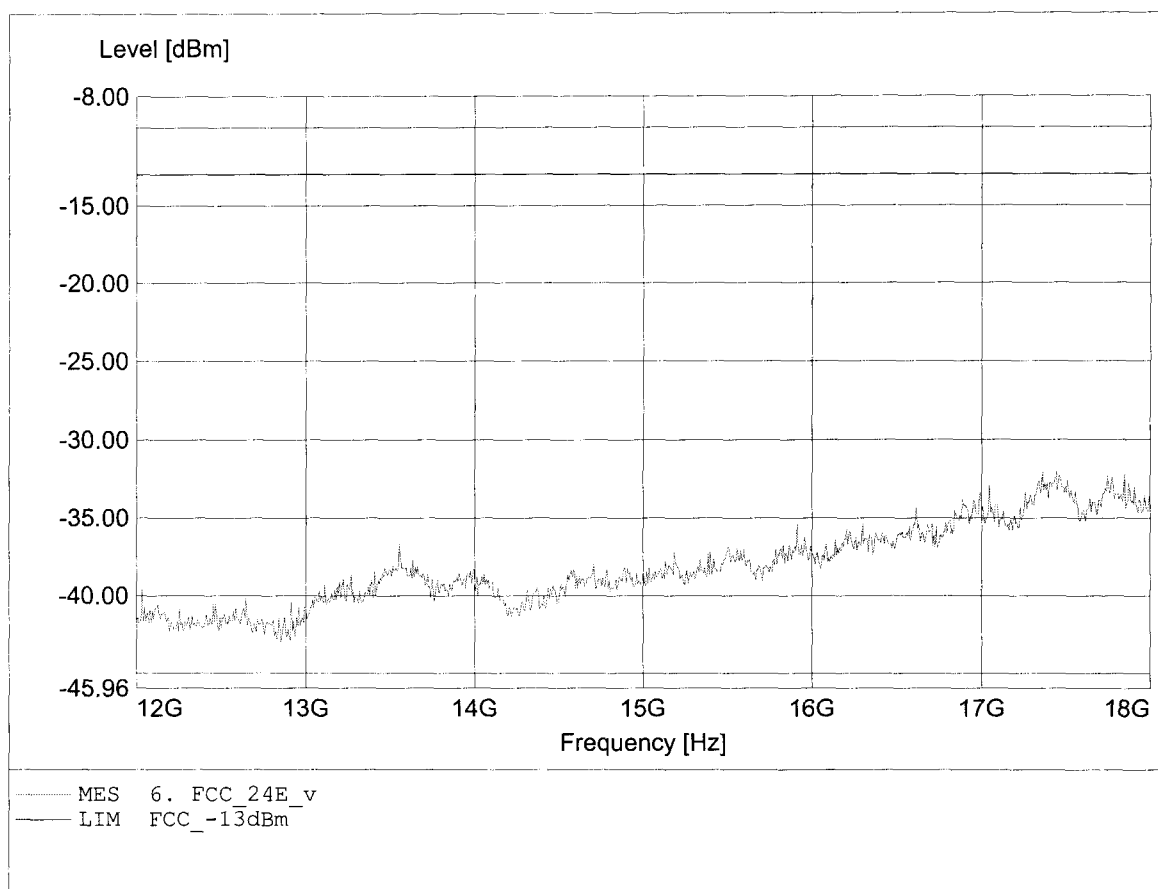
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.420GHz, Pmax: -31.35dBm, RBW: 1MHz



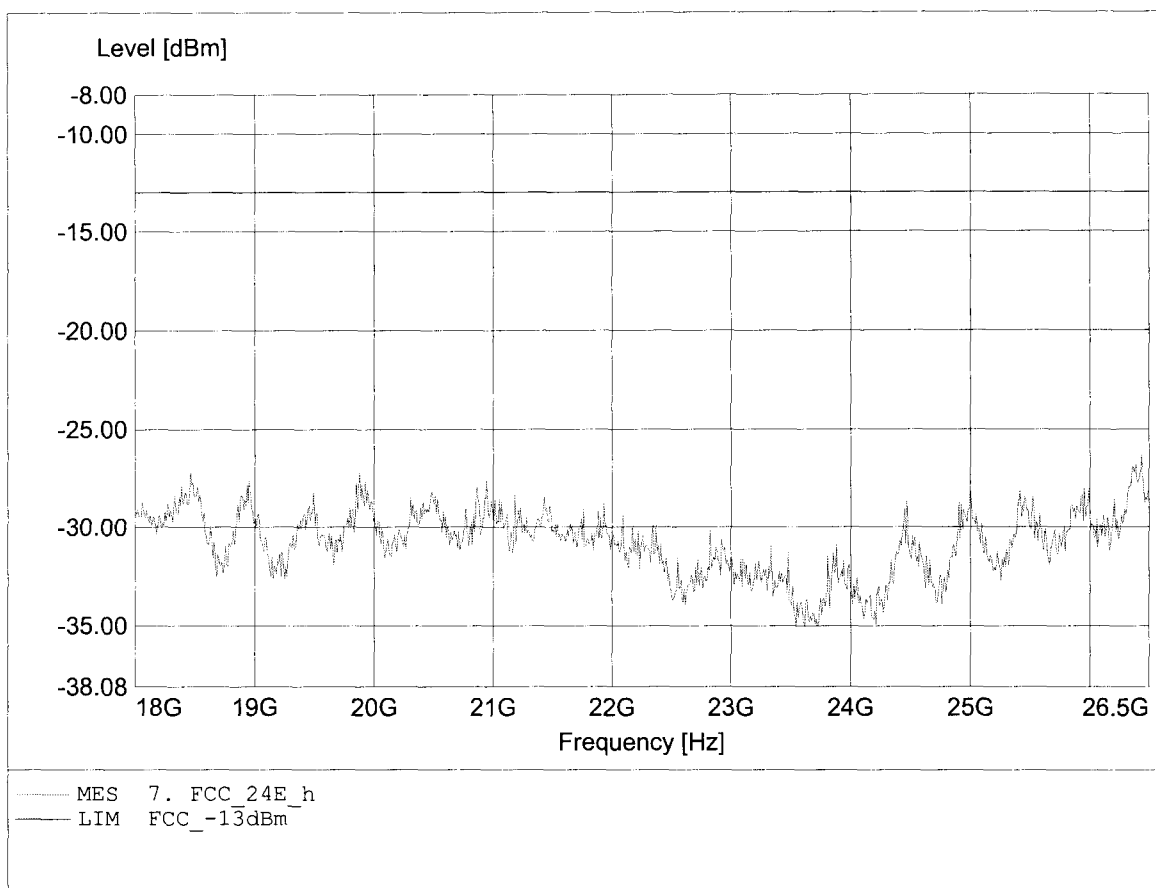
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.360GHz, Pmax: -32.02dBm, RBW: 1MHz



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

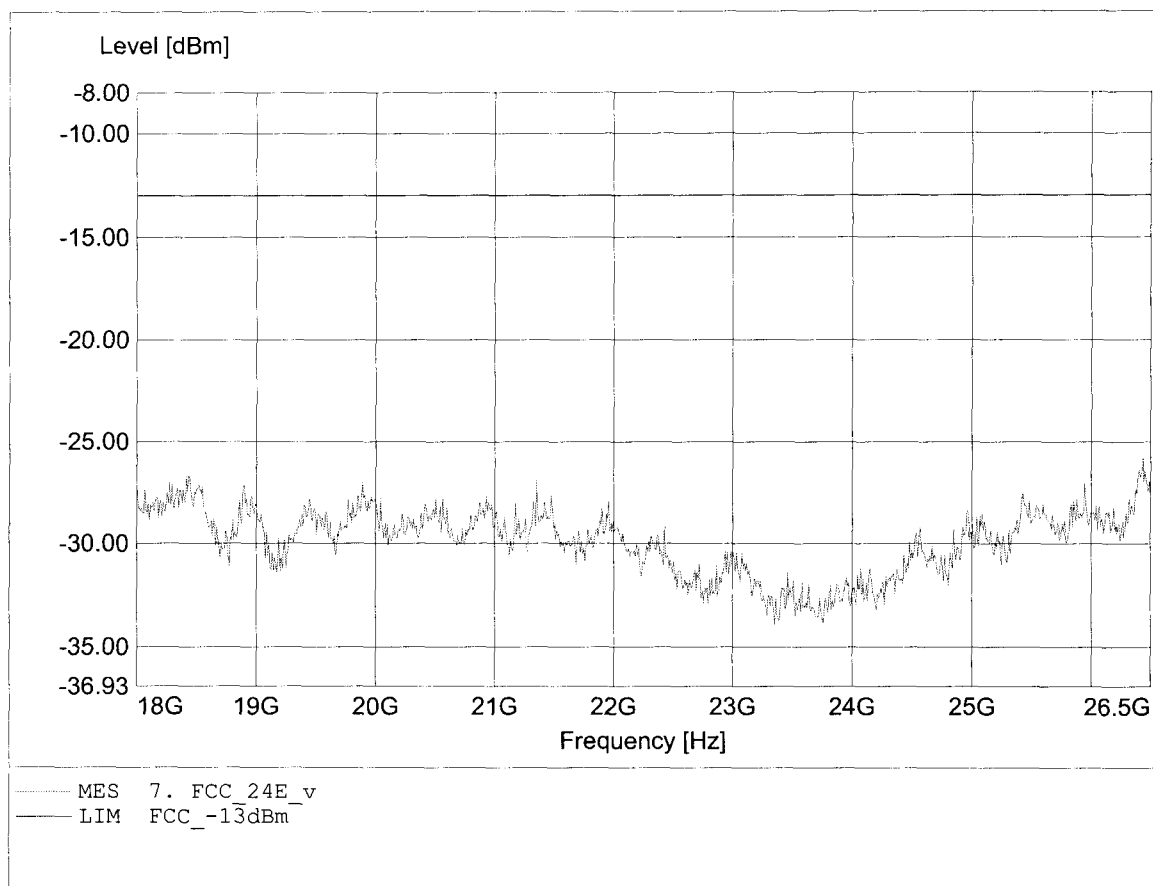
Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.434GHz, Pmax: -26.34dBm, RBW: 1MHz





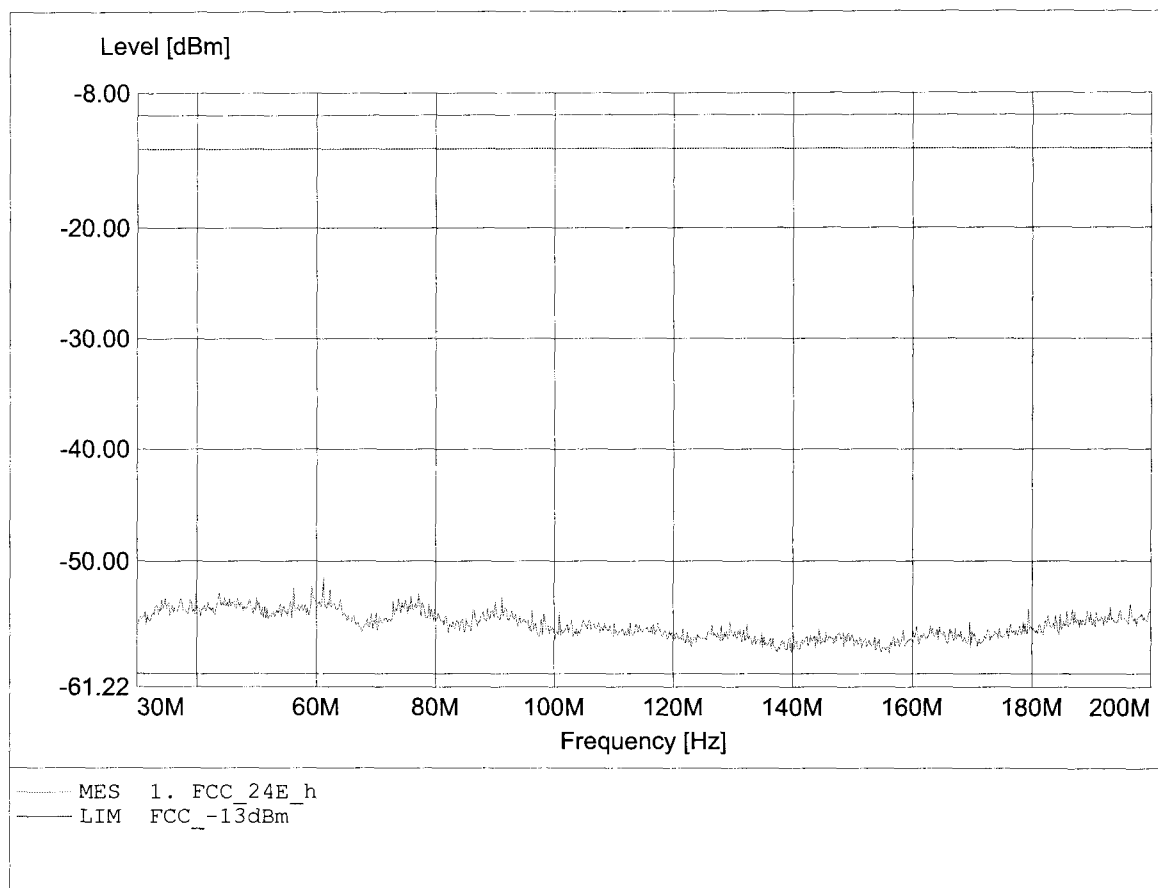
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 512  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.434GHz, Pmax: -25.80dBm, RBW: 1MHz



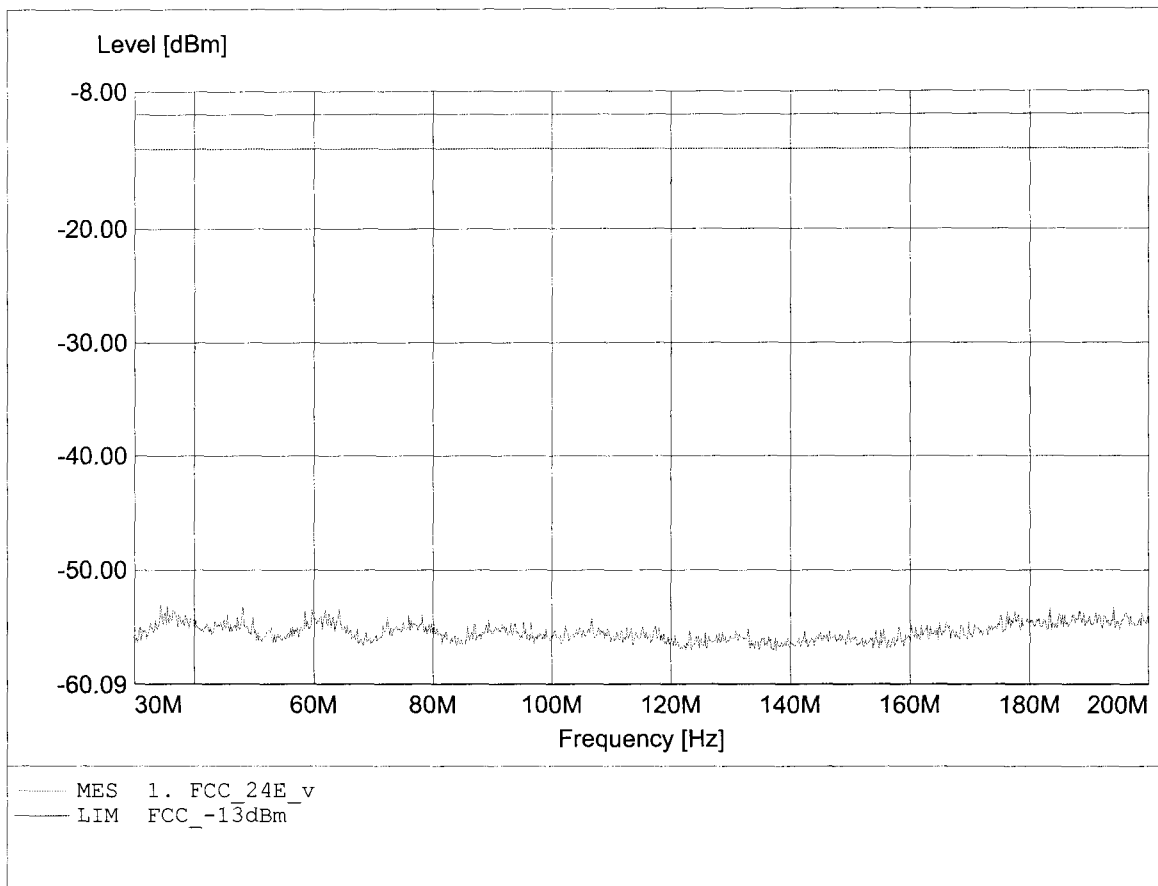
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 61.167MHz, Pmax: -51.44dBm, RBW: 1MHz



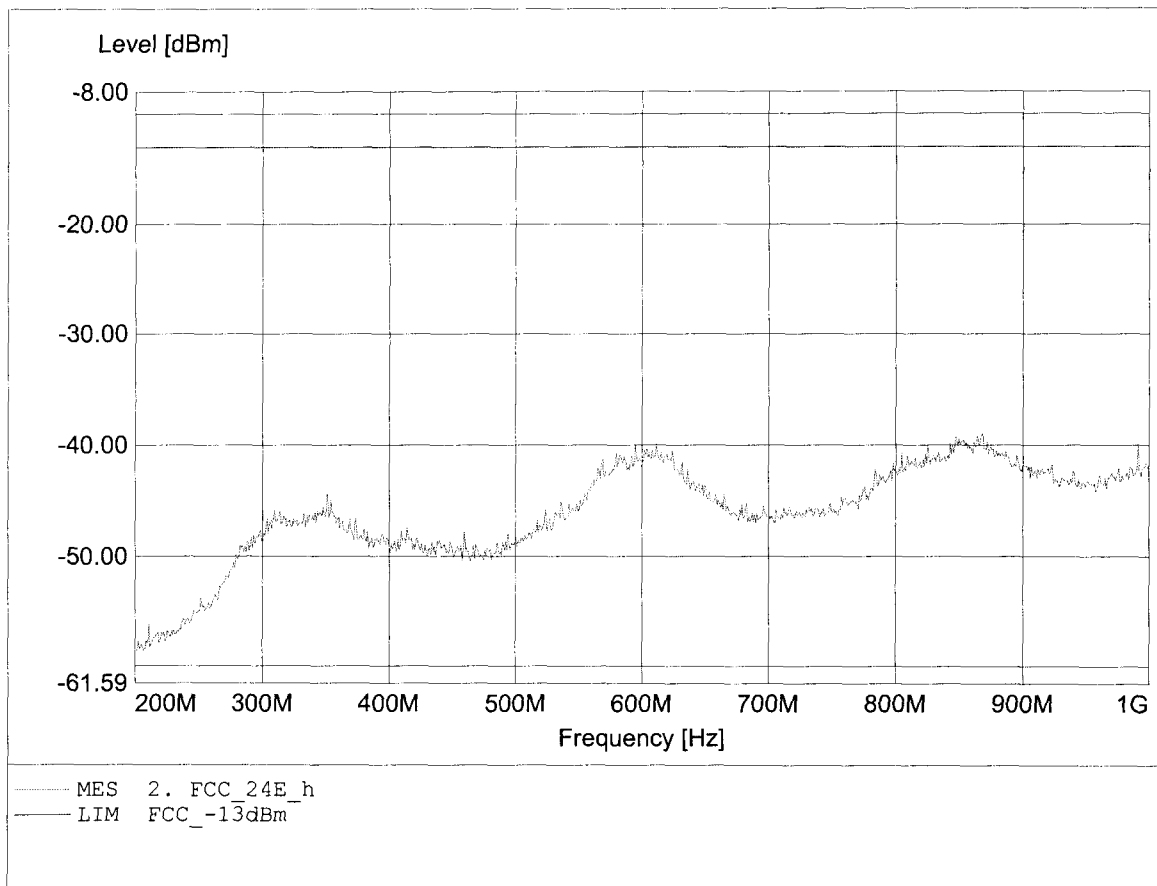
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 34.344MHz, Pmax: -52.97dBm, RBW: 1MHz



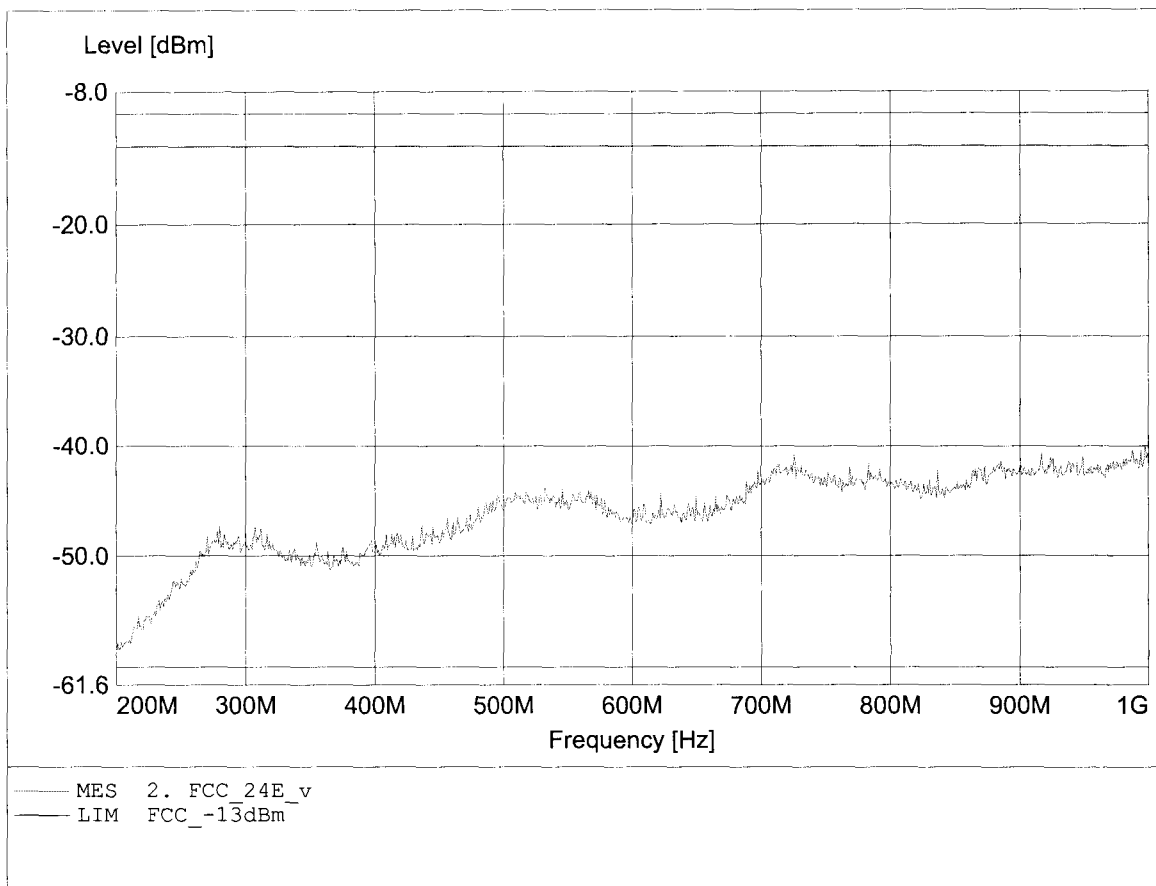
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 868.444MHz, Pmax: -38.93dBm, RBW: 1MHz



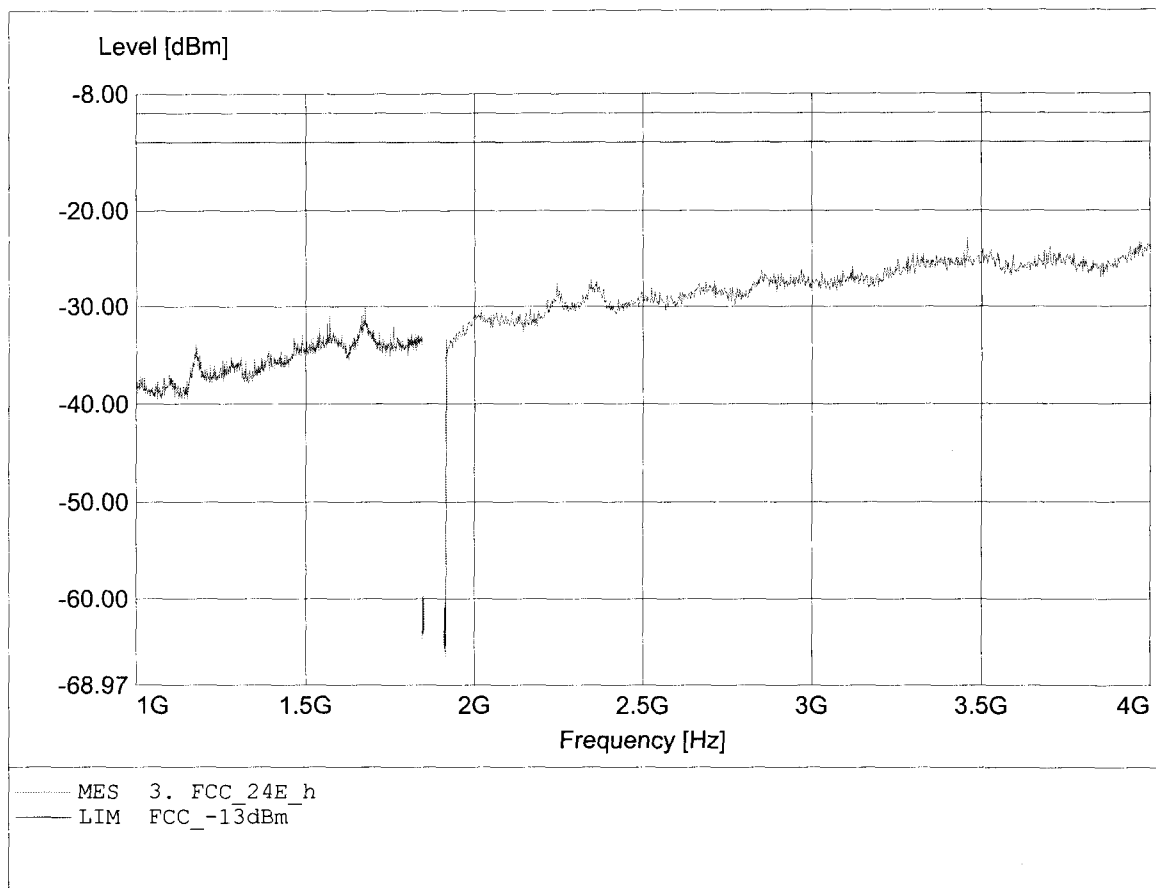
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 997.333MHz, Pmax: -39.90dBm, RBW: 1MHz



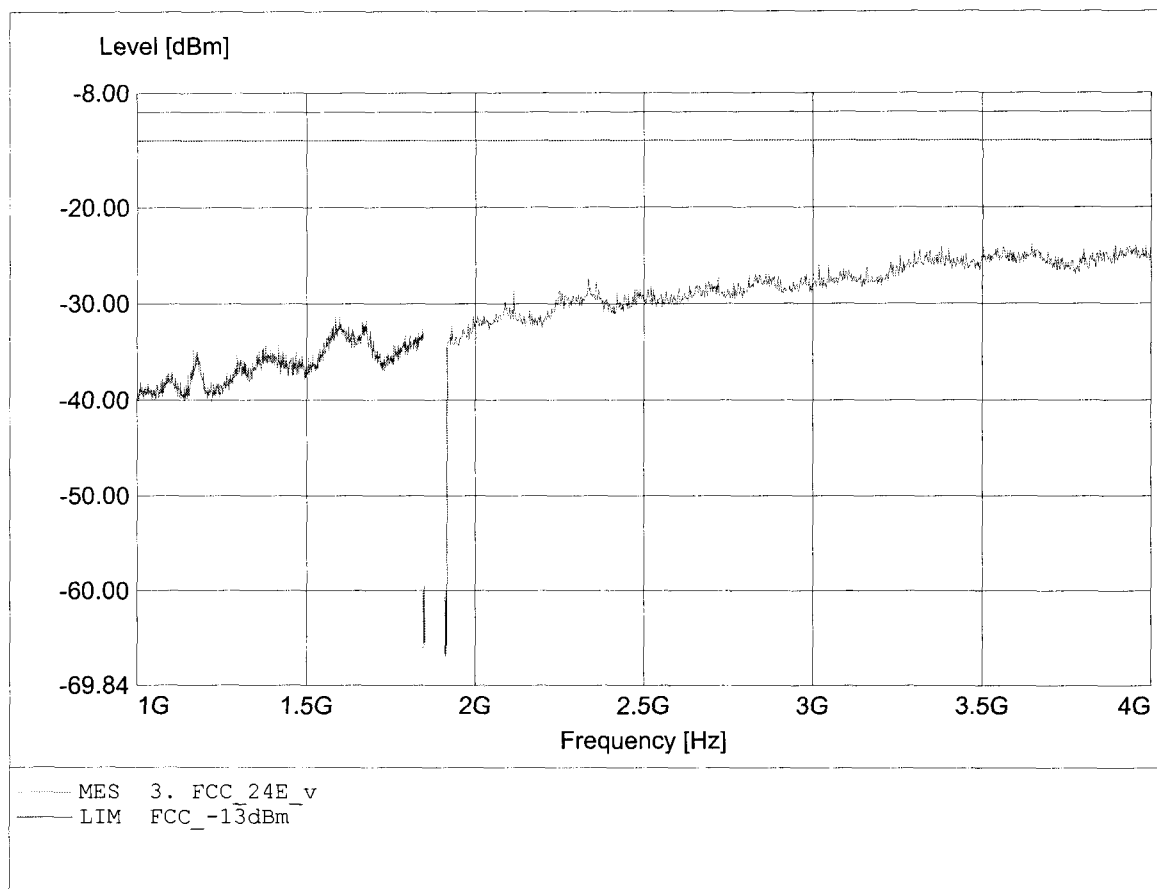
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.458GHz, Pmax: -22.73dBm, RBW: 1MHz/3kHz



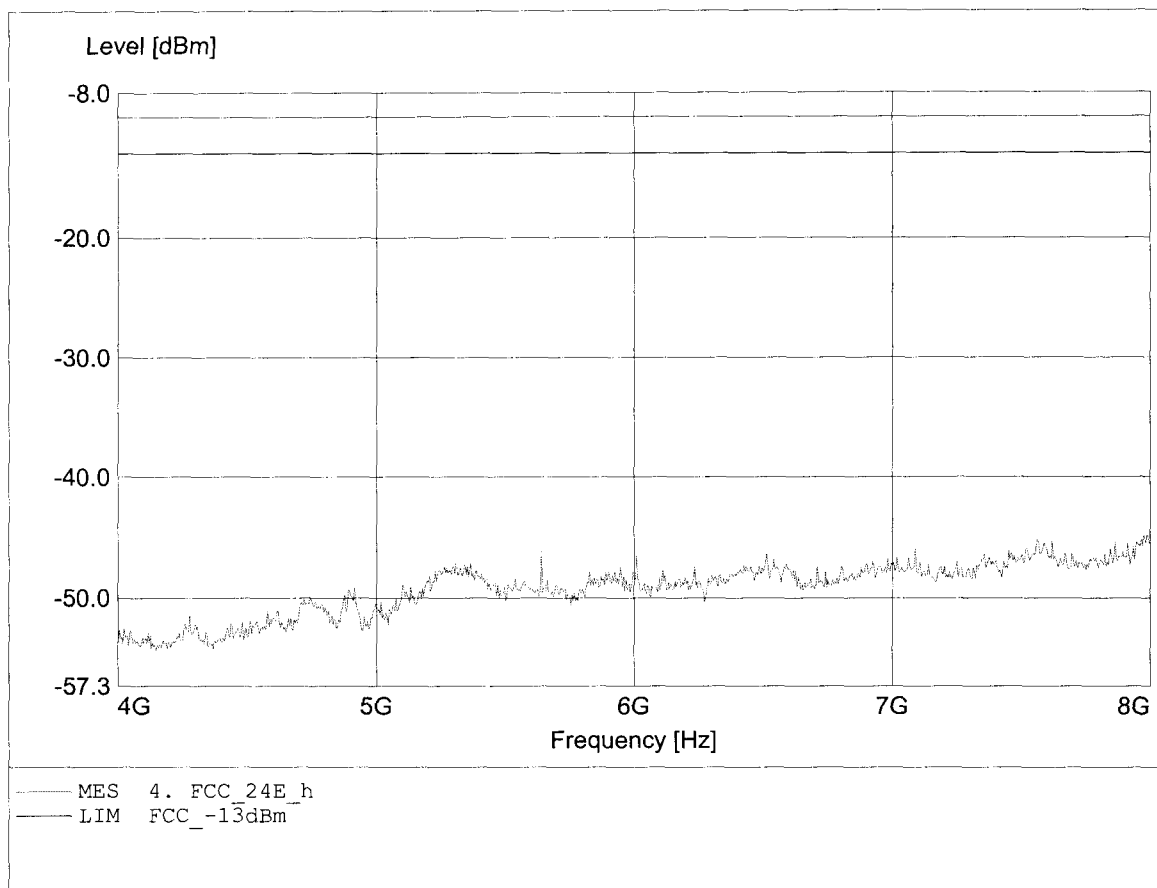
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.646GHz, Pmax: -23.80dBm, RBW: 1MHz/3kHz



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

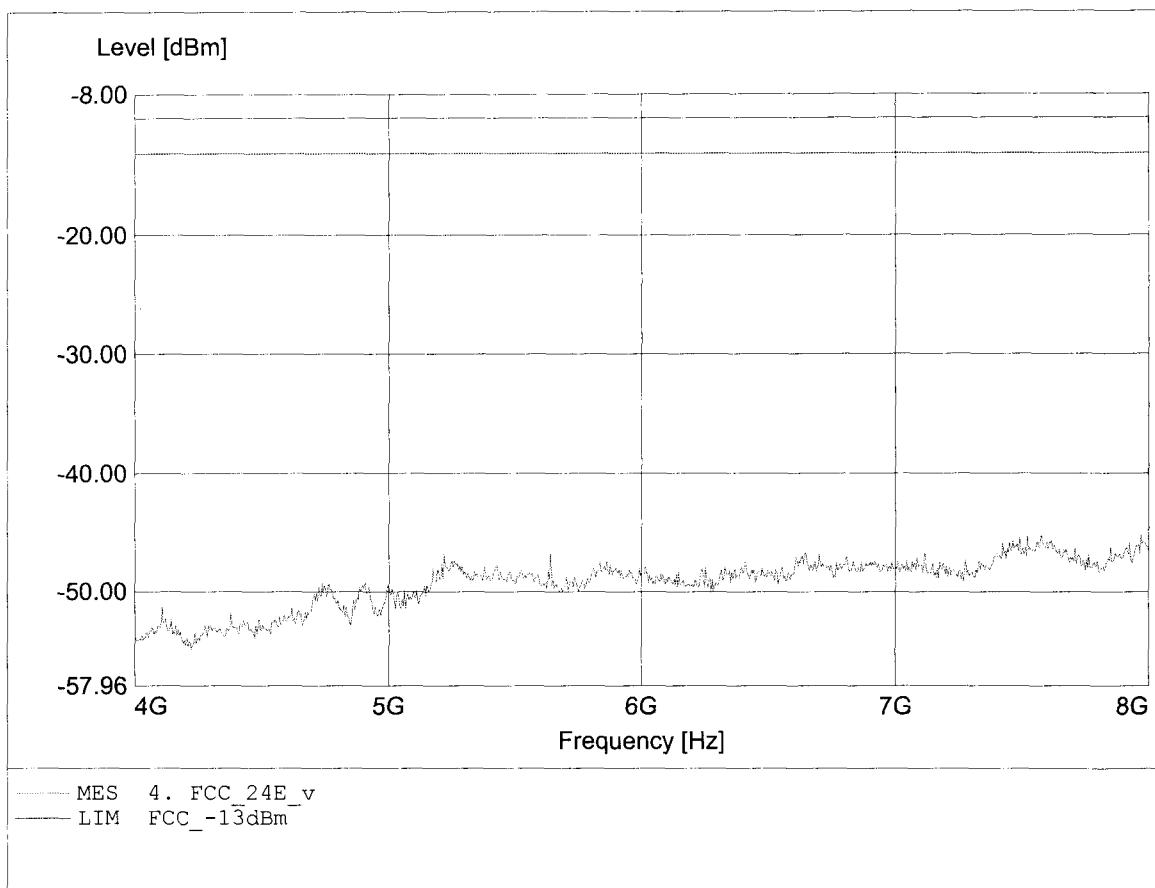
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EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.973GHz, Pmax: -44.83dBm, RBW: 1MHz





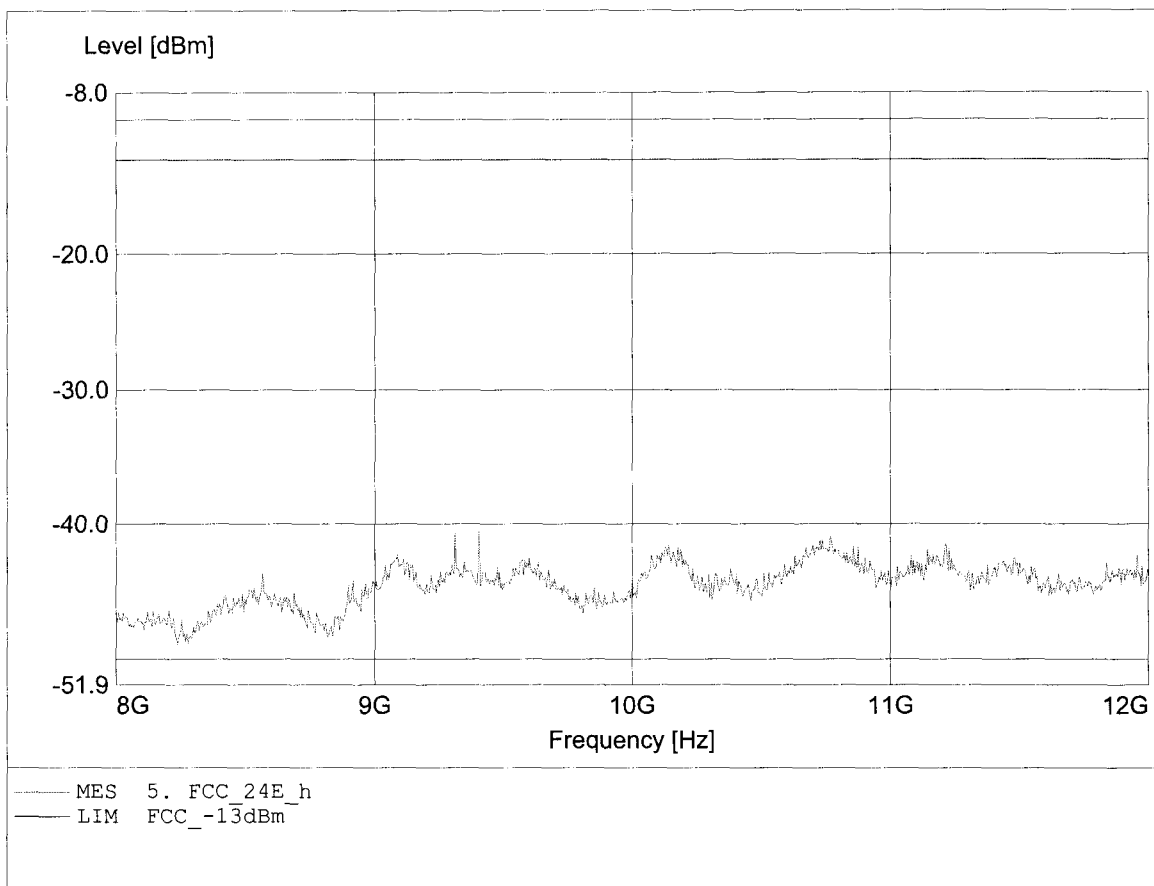
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.573GHz, Pmax: -45.14dBm, RBW: 1MHz



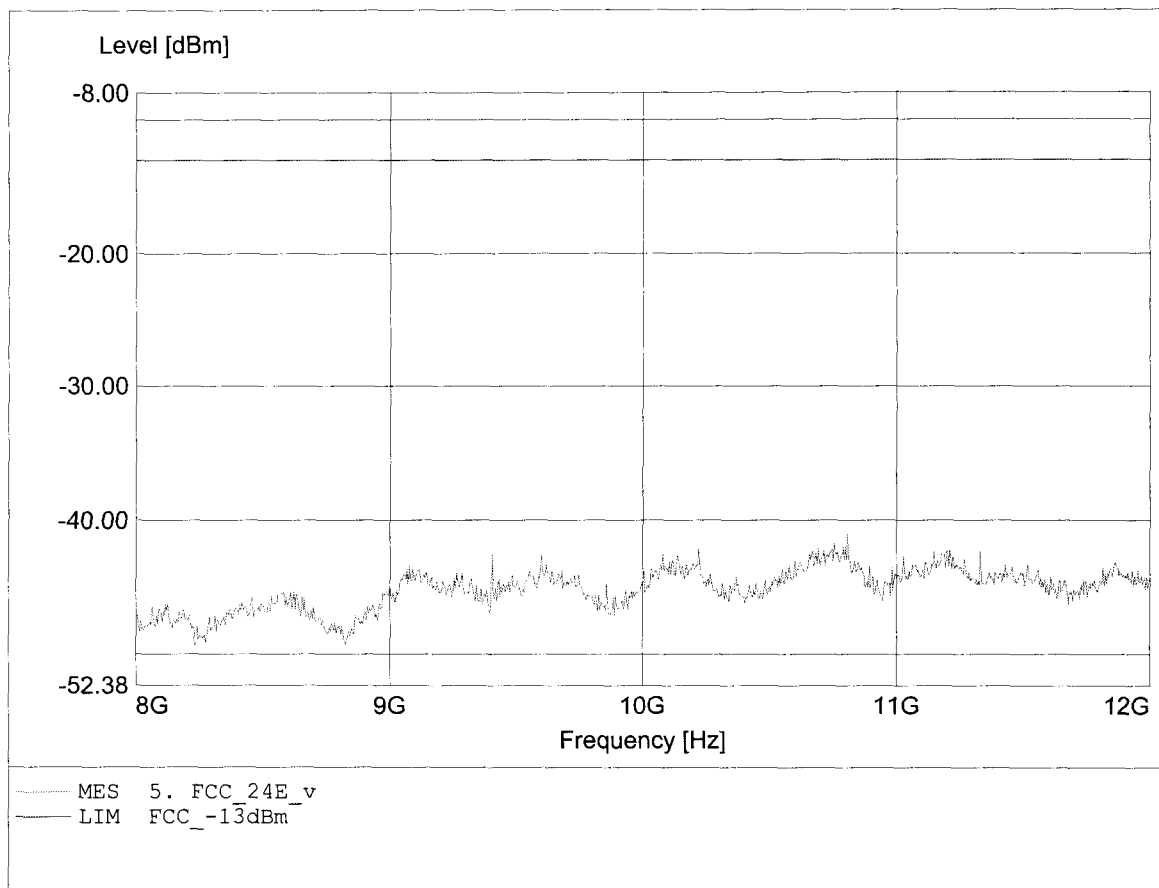
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.311GHz, Pmax: -40.36dBm, RBW: 1MHz



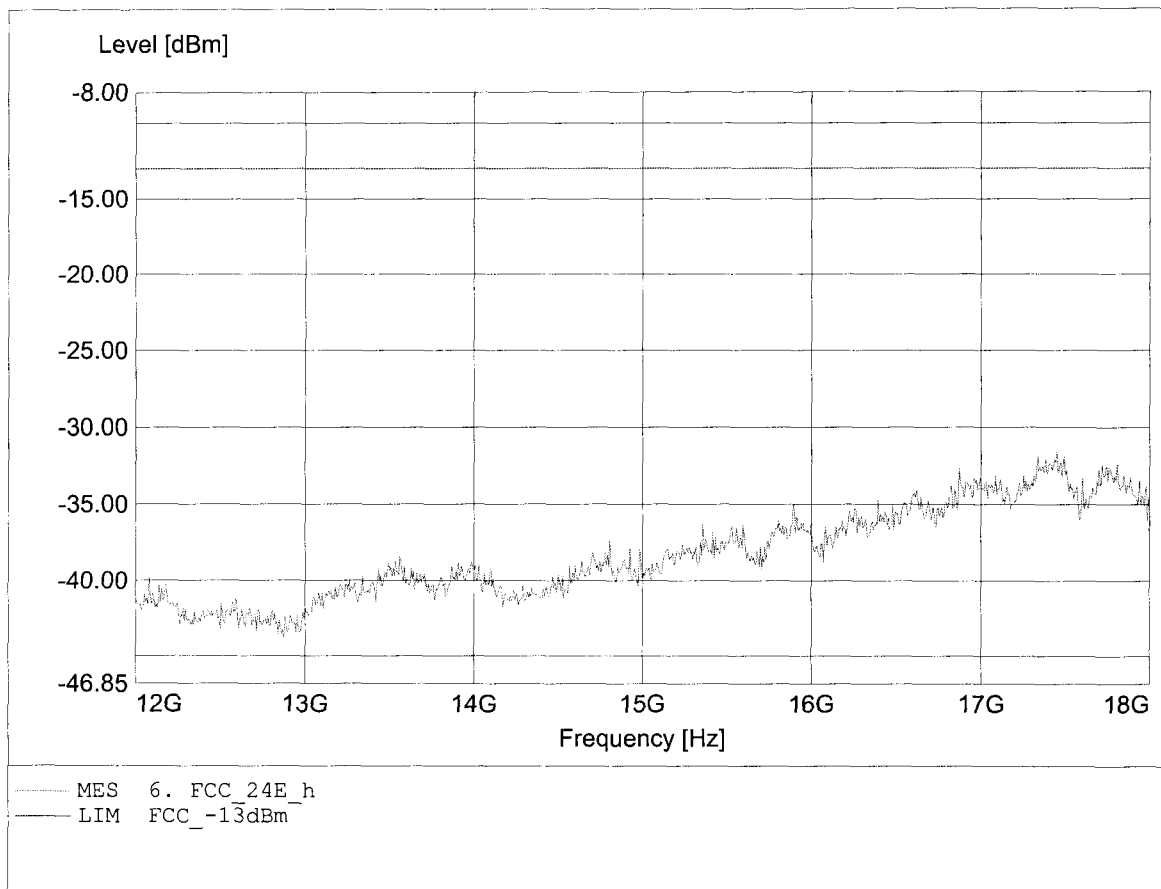
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.809GHz, Pmax: -40.97dBm, RBW: 1MHz



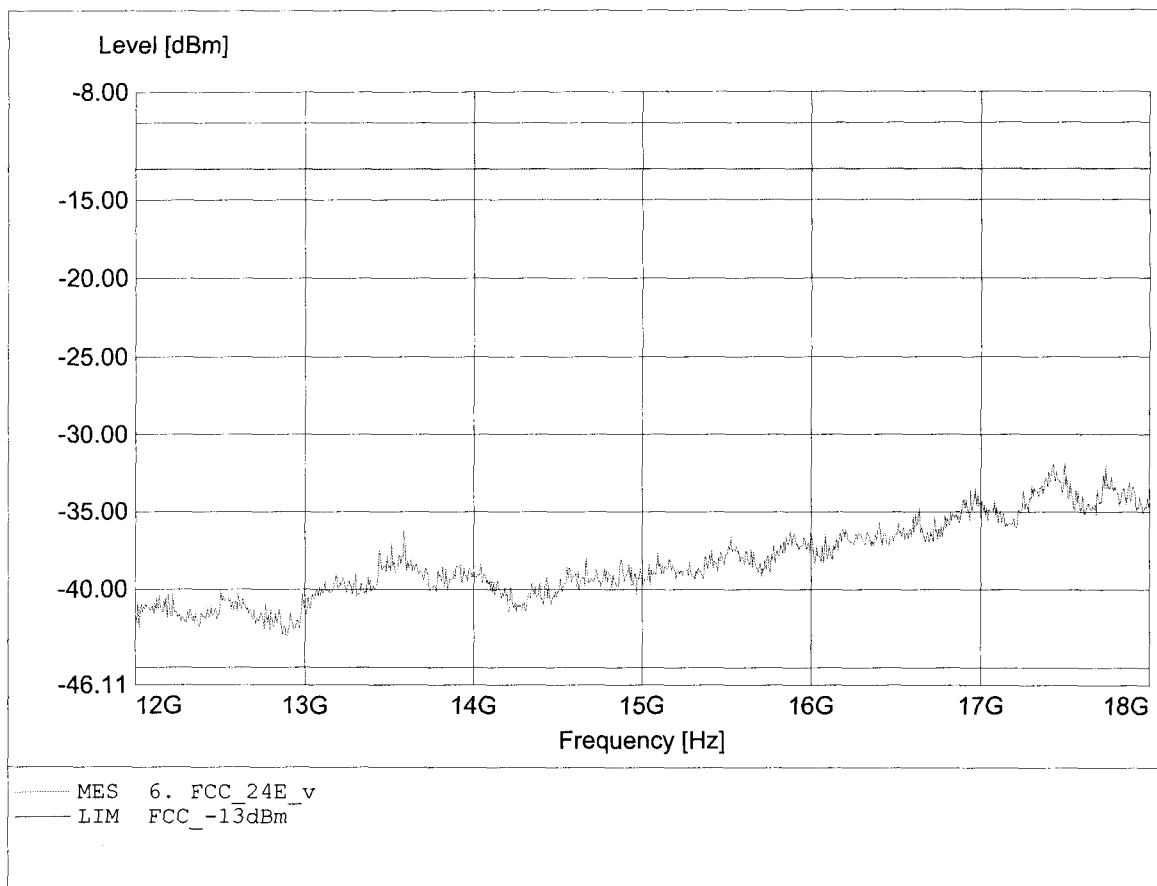
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**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.447GHz, Pmax: -31.58dBm, RBW: 1MHz



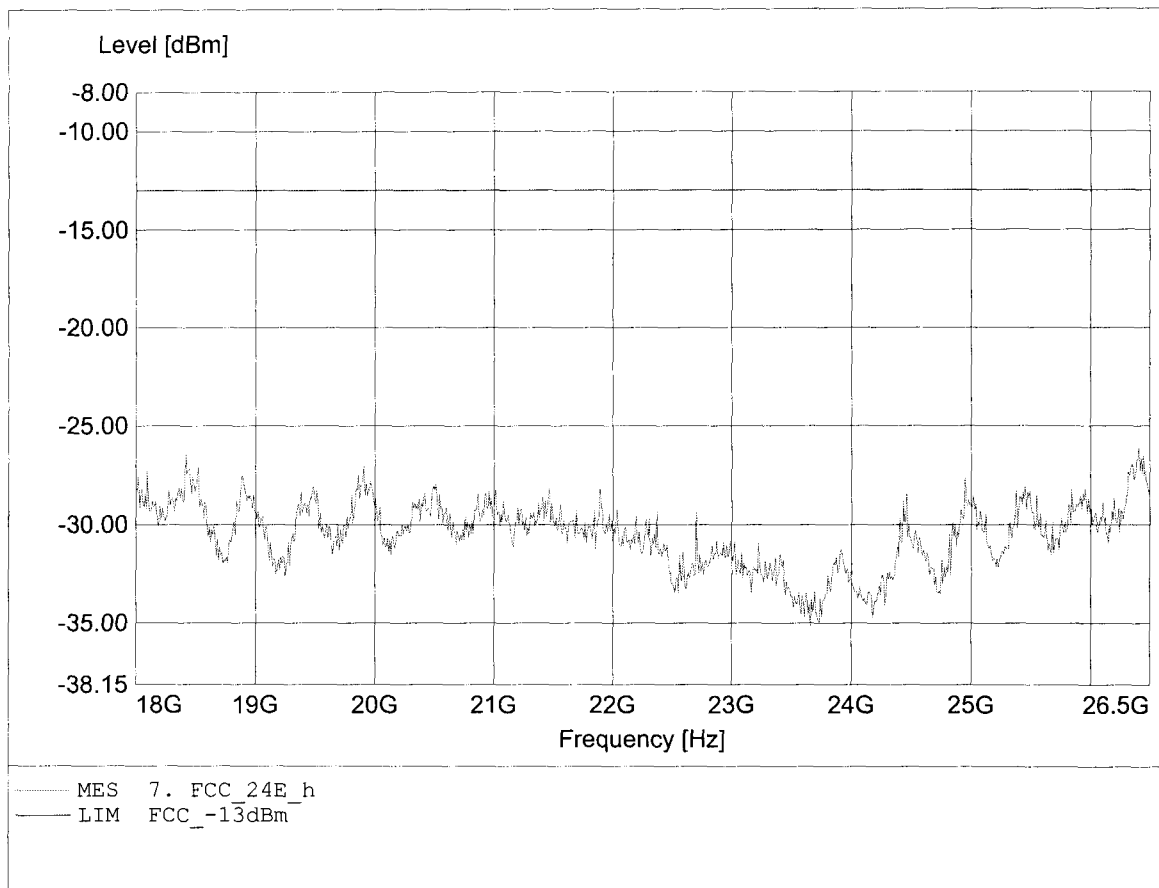
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**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.493GHz, Pmax: -31.87dBm, RBW: 1MHz



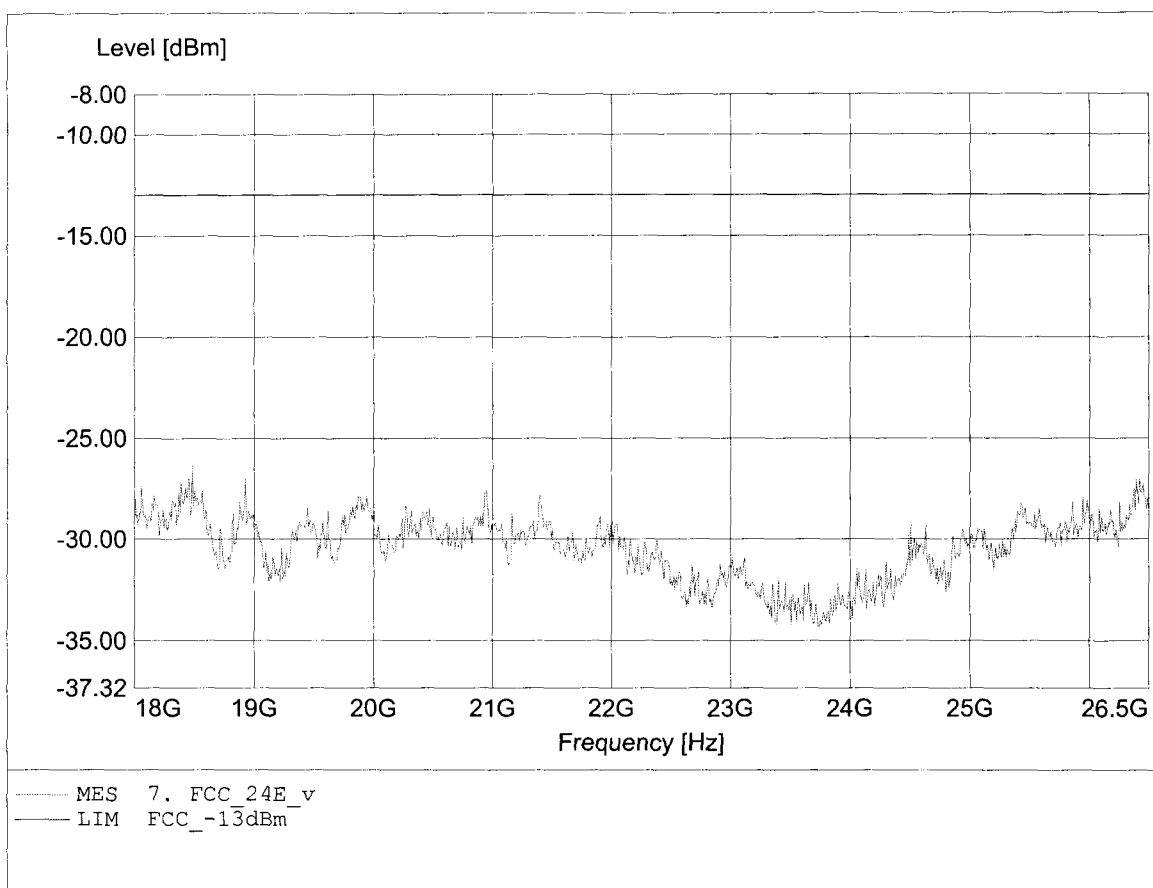
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.406GHz, Pmax: -26.14dBm, RBW: 1MHz



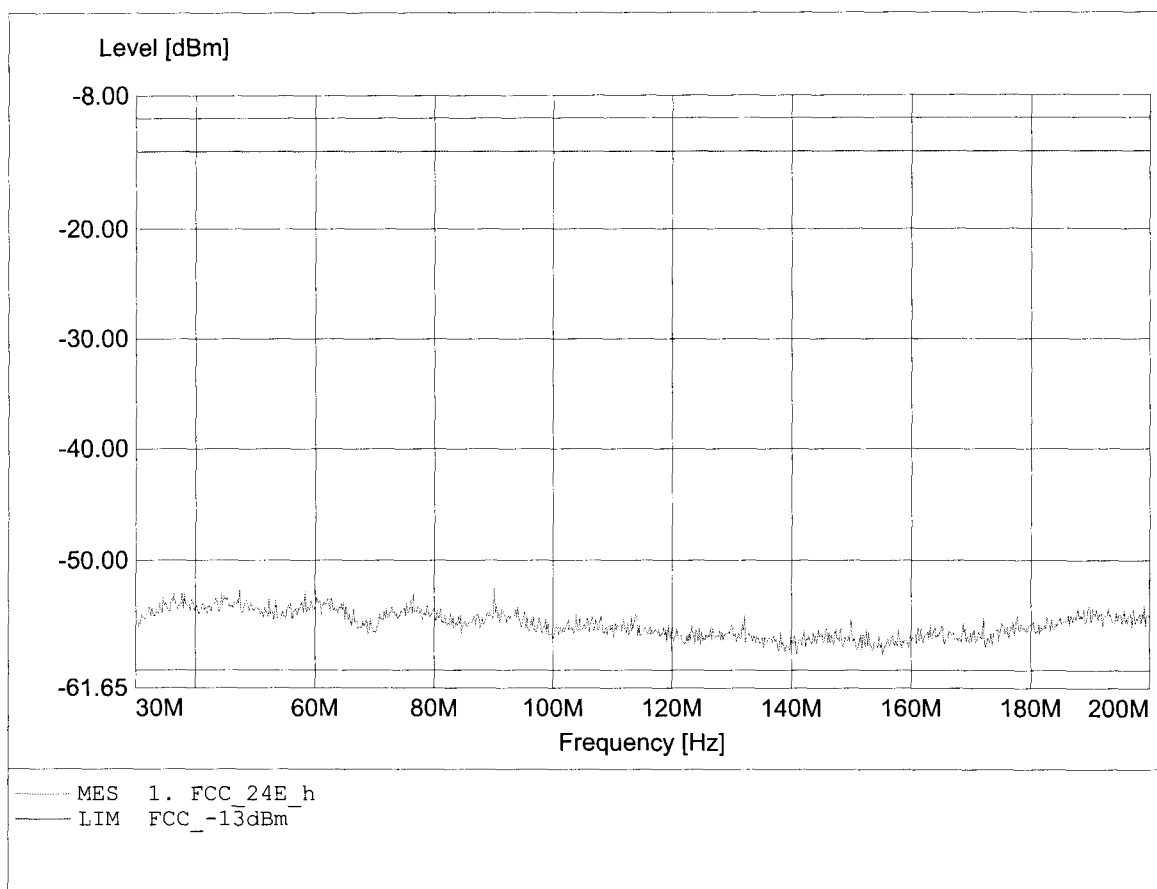
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 661  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.482GHz, Pmax: -26.35dBm, RBW: 1MHz



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

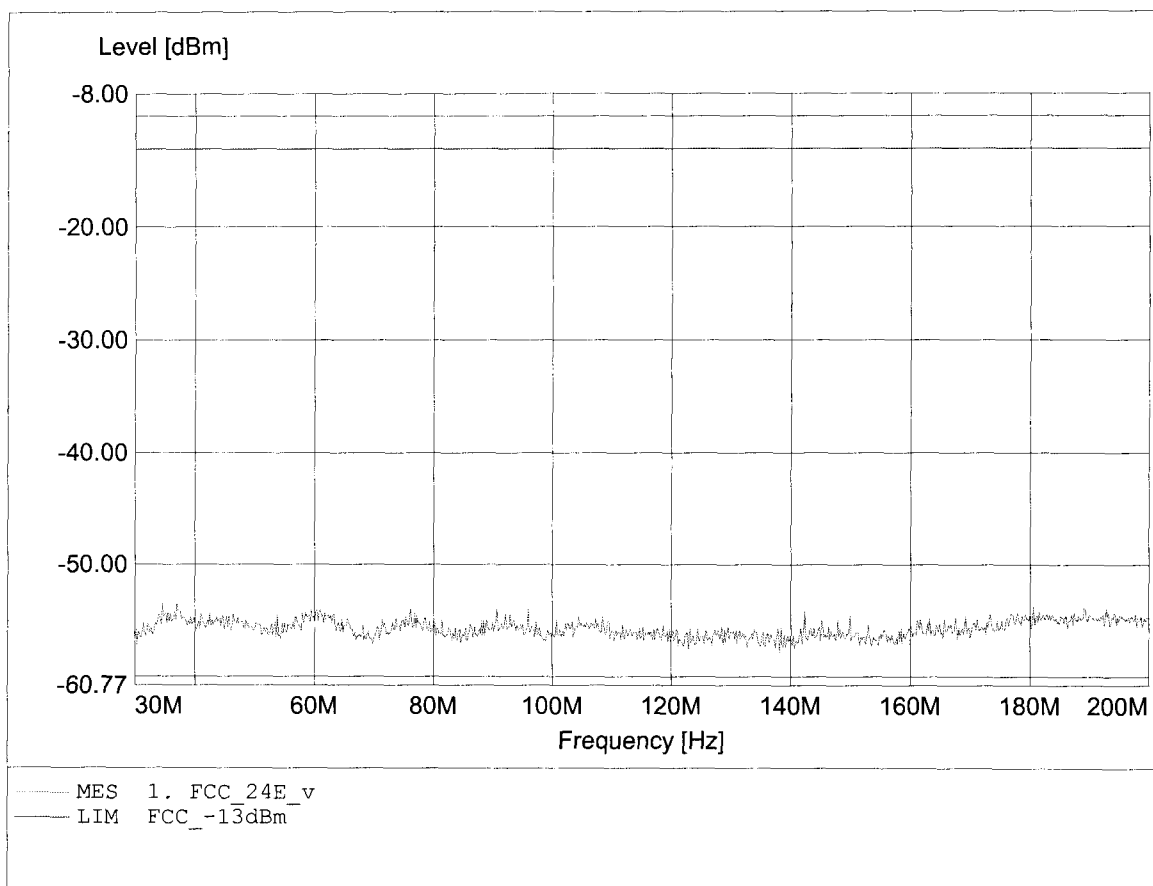
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EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 47.378MHz, Pmax: -52.41dBm, RBW: 1MHz





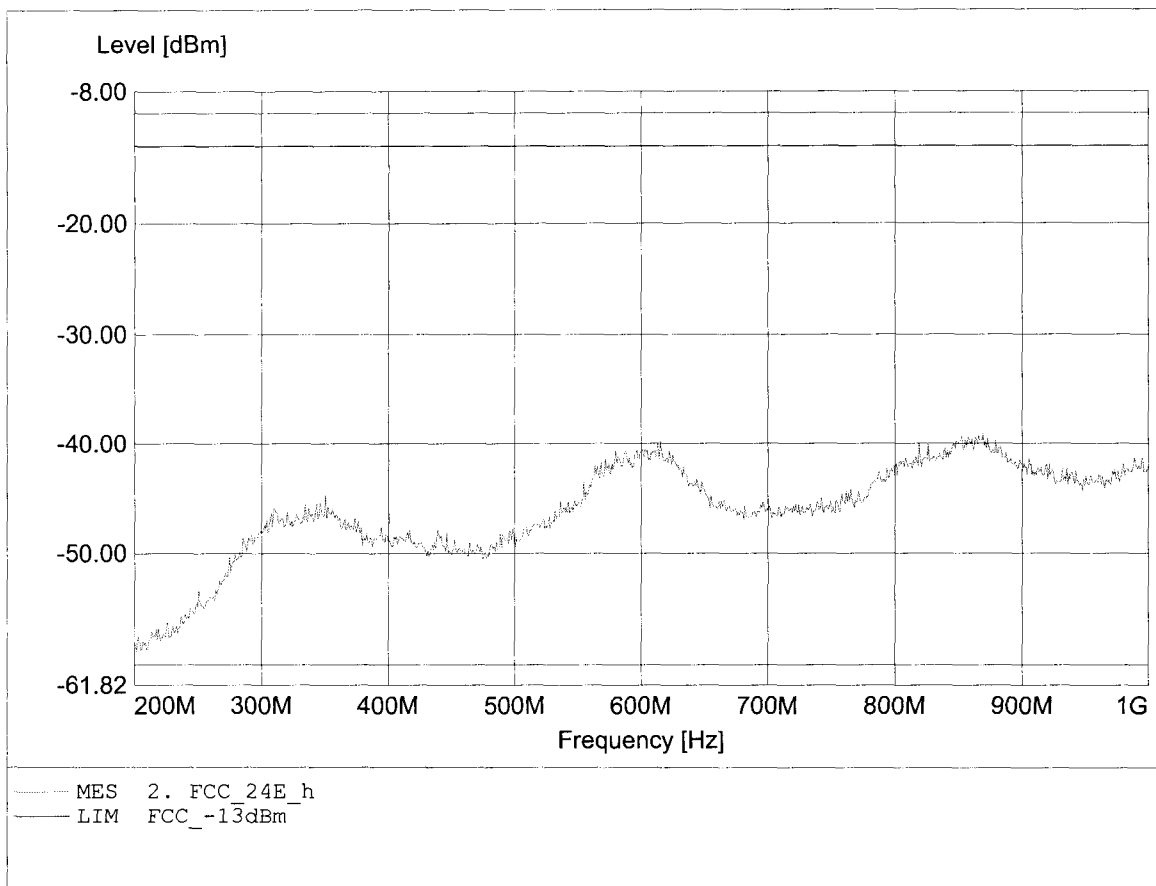
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 36.989MHz, Pmax: -53.50dBm, RBW: 1MHz



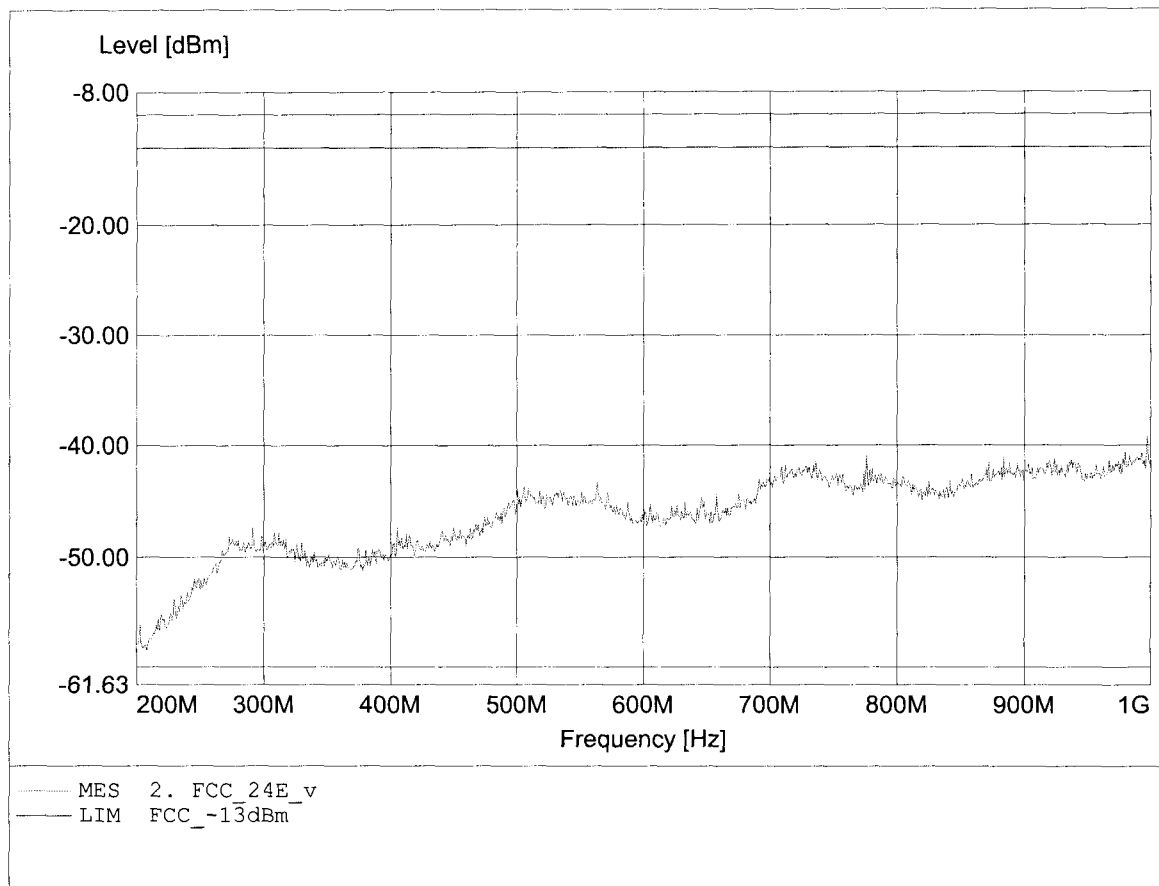
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 869.333MHz, Pmax: -39.05dBm, RBW: 1MHz



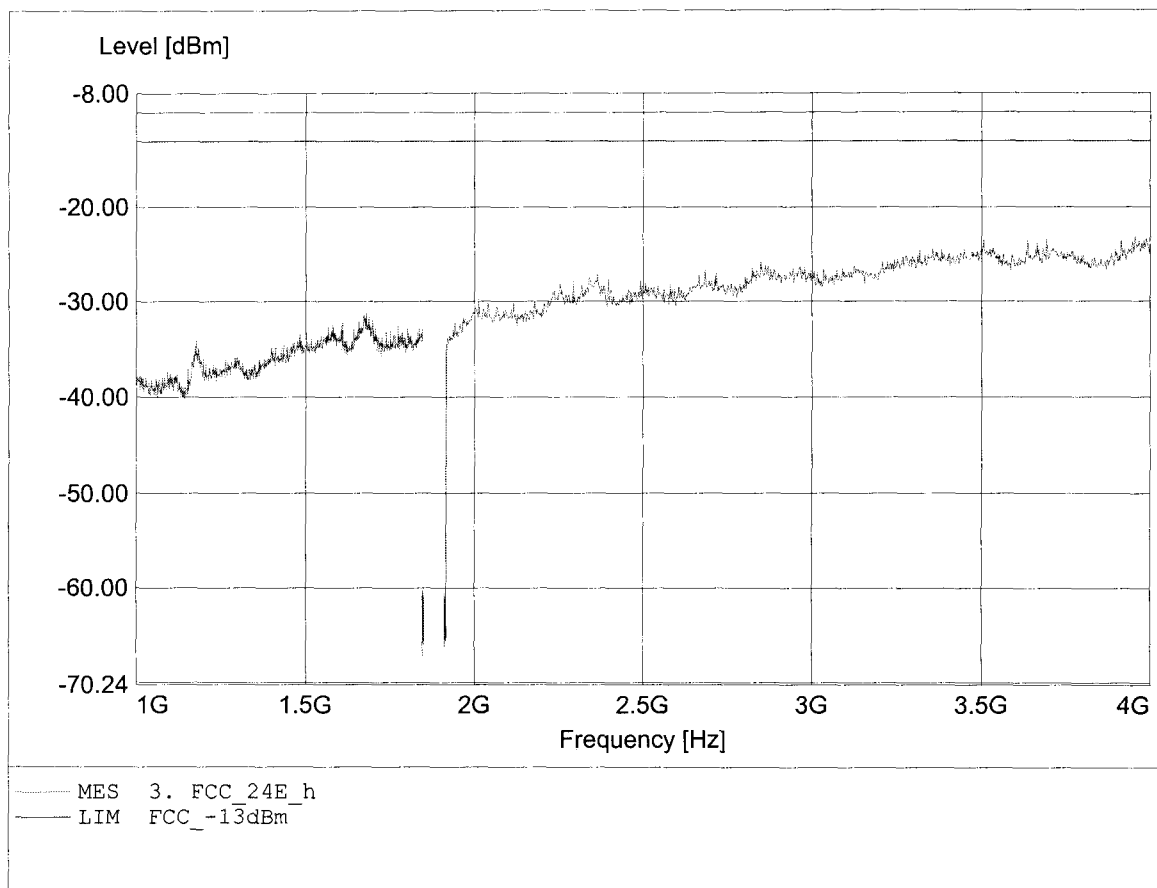
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 997.333MHz, Pmax: -39.19dBm, RBW: 1MHz



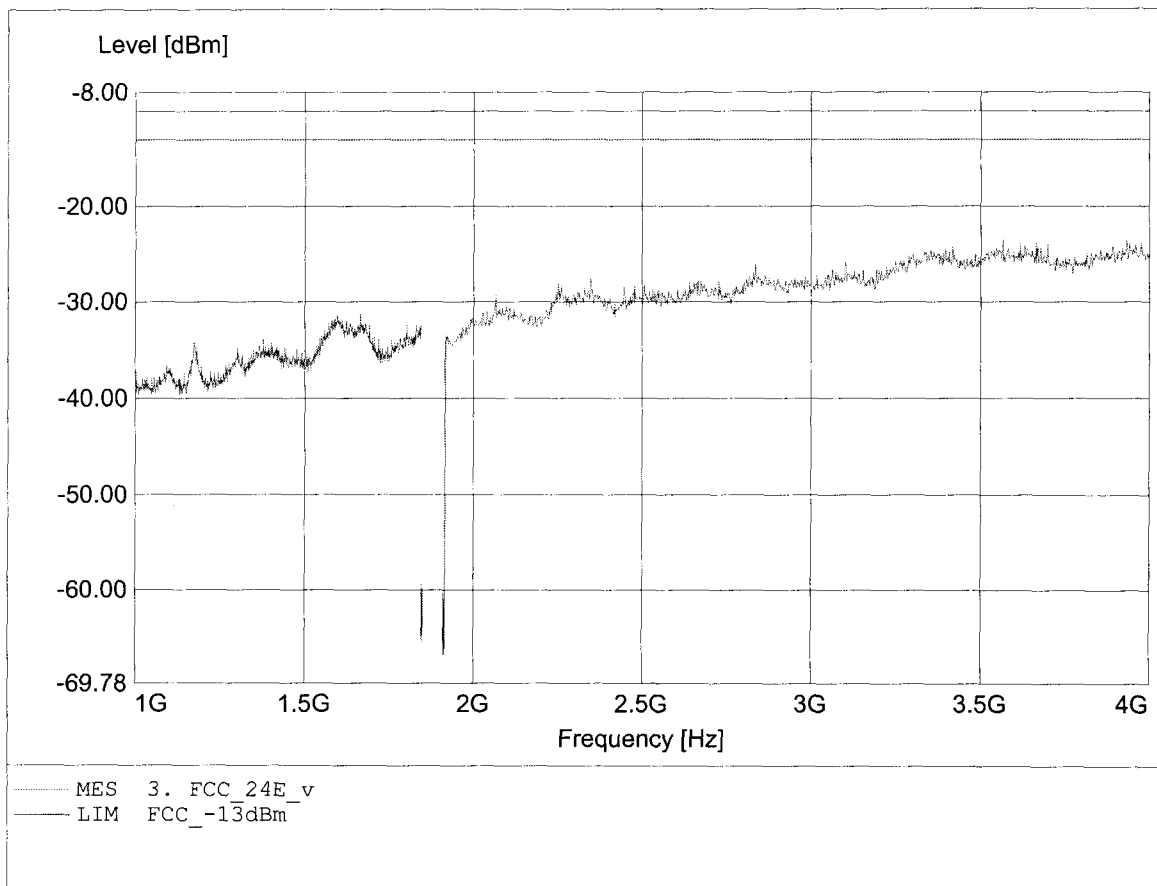
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.956GHz, Pmax: -23.04dBm, RBW: 1MHz/3kHz



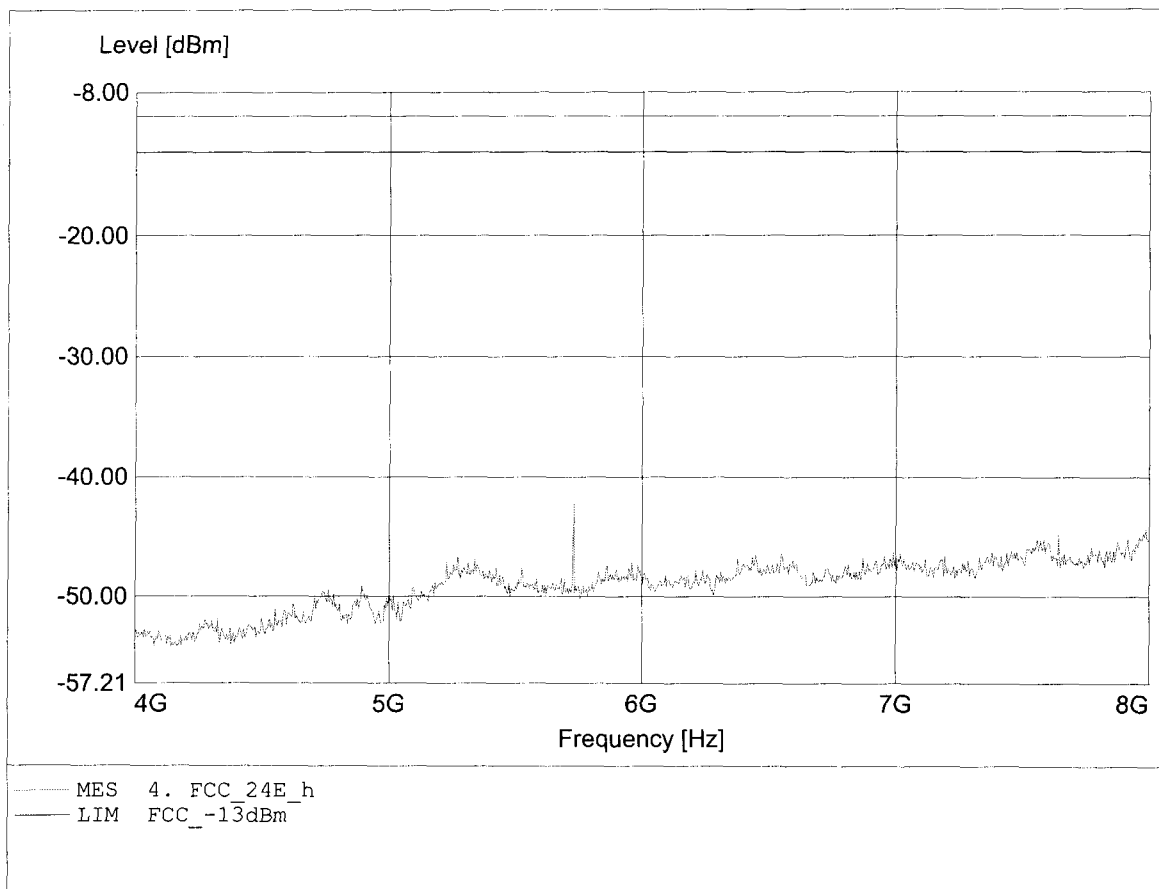
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.933GHz, Pmax: -23.45dBm, RBW: 1MHz/3kHz



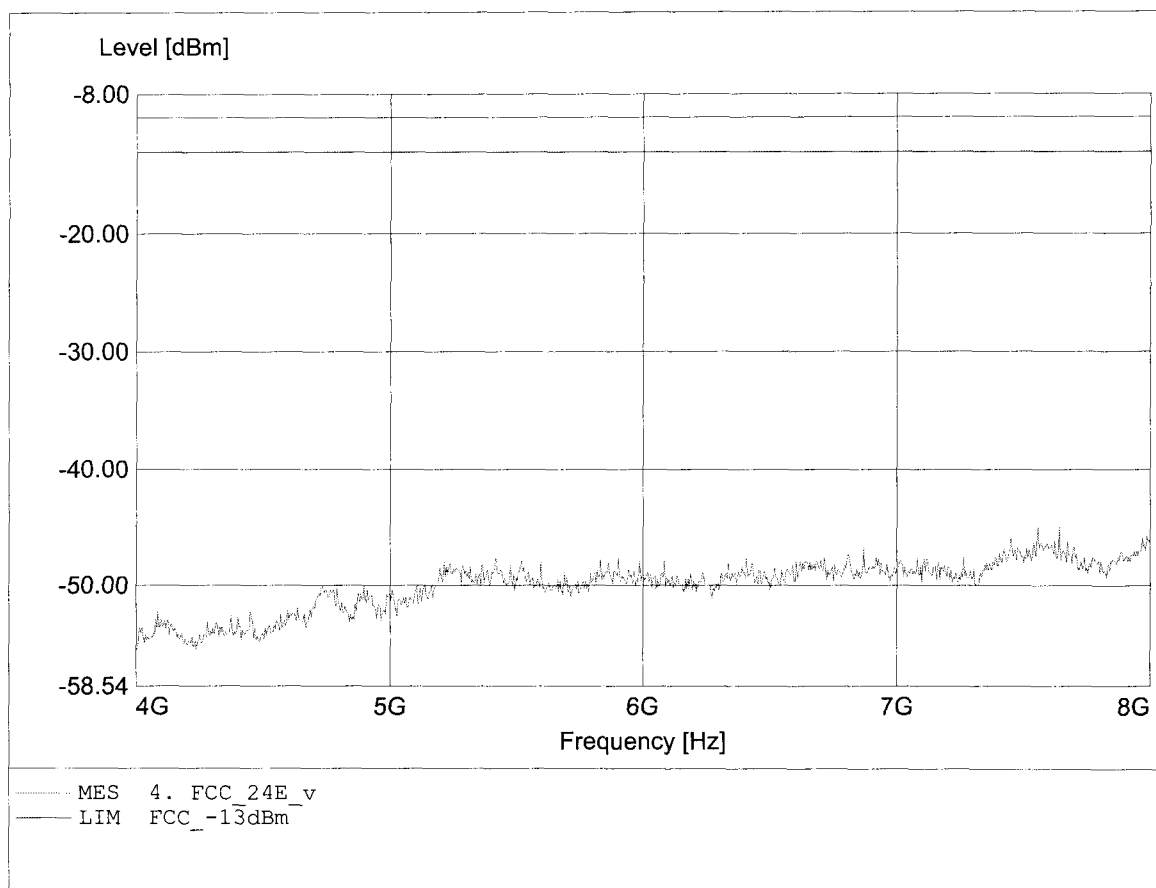
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.729GHz, Pmax: -42.15dBm, RBW: 1MHz



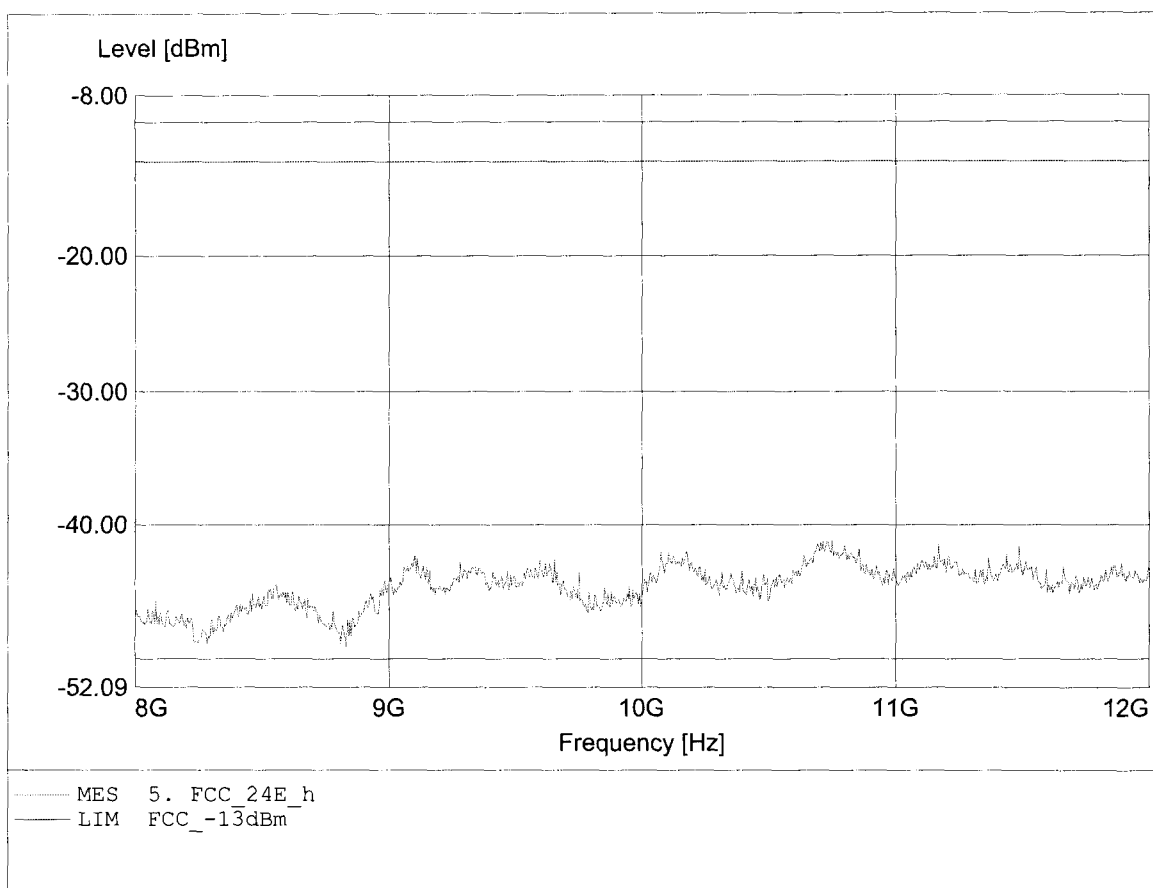
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.640GHz, Pmax: -44.88dBm, RBW: 1MHz



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

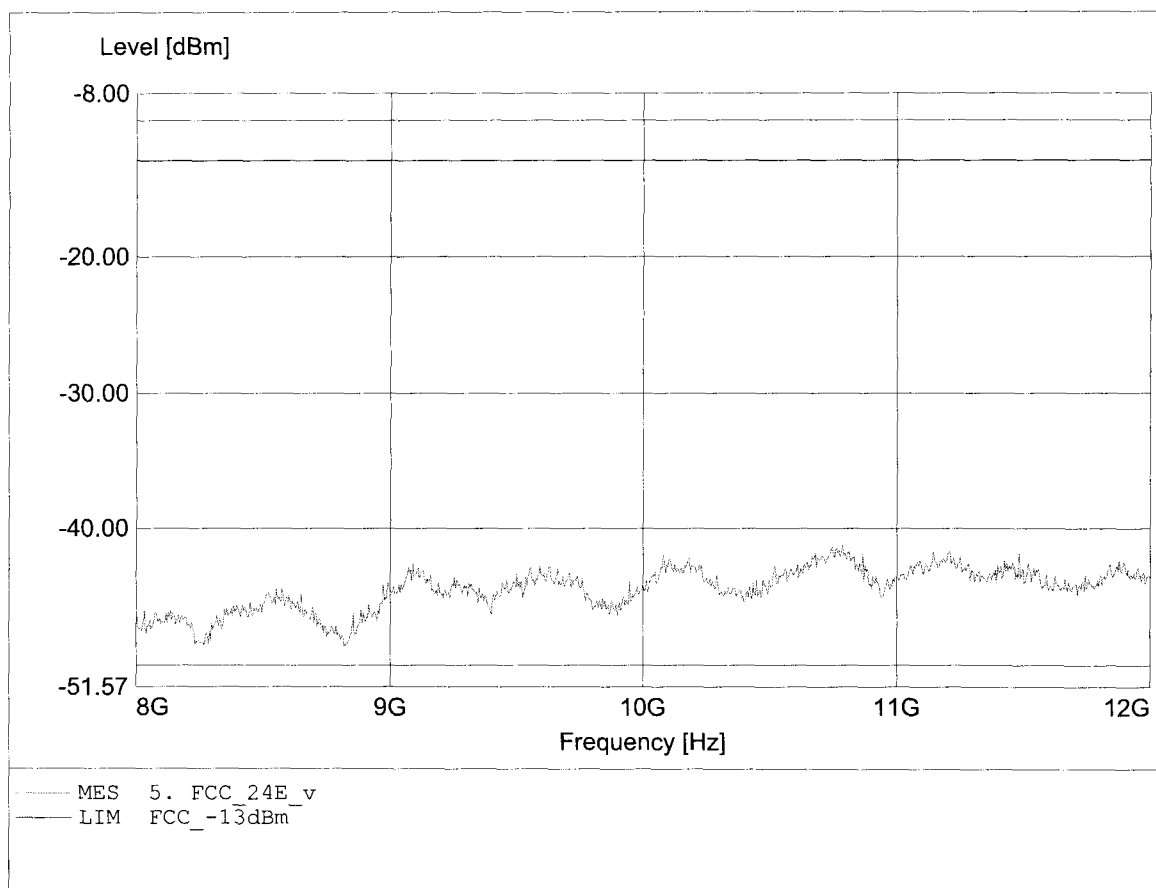
Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.751GHz, Pmax: -41.15dBm, RBW: 1MHz





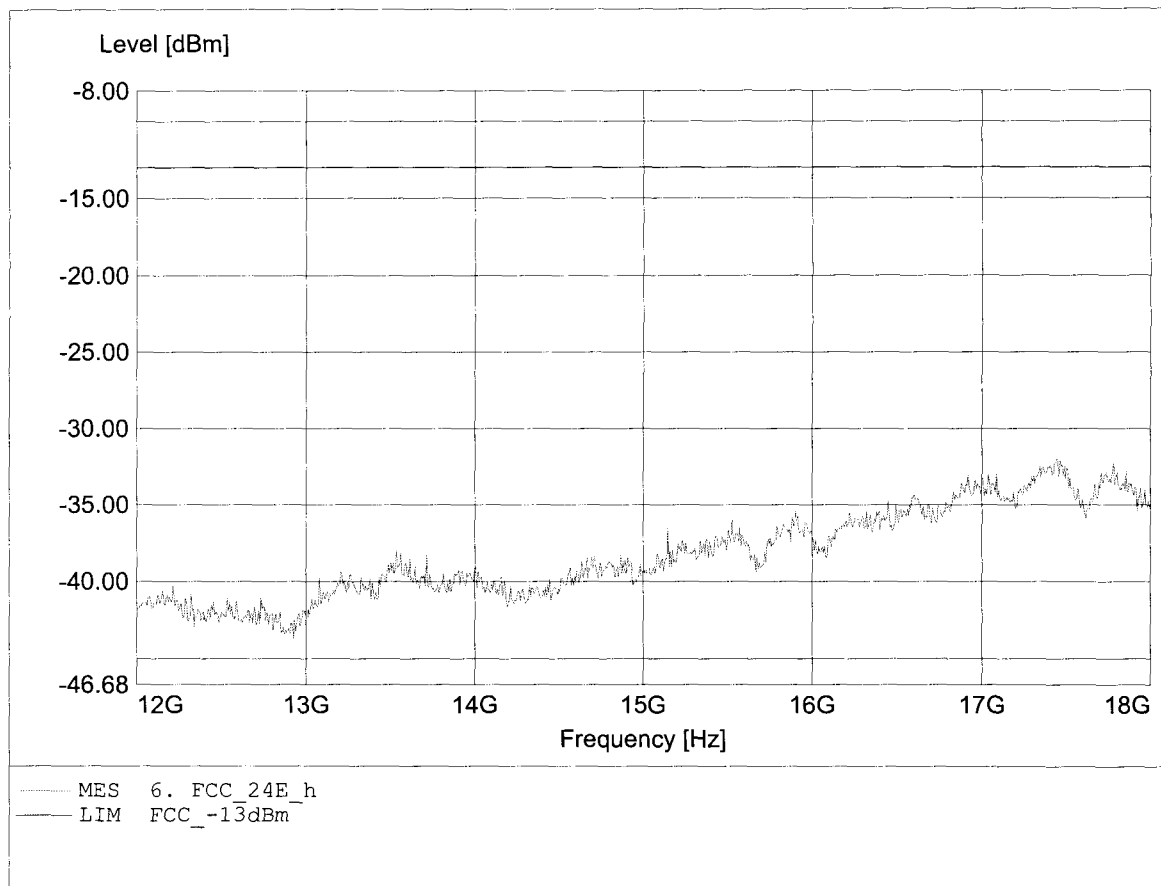
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Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.787GHz, Pmax: -41.24dBm, RBW: 1MHz



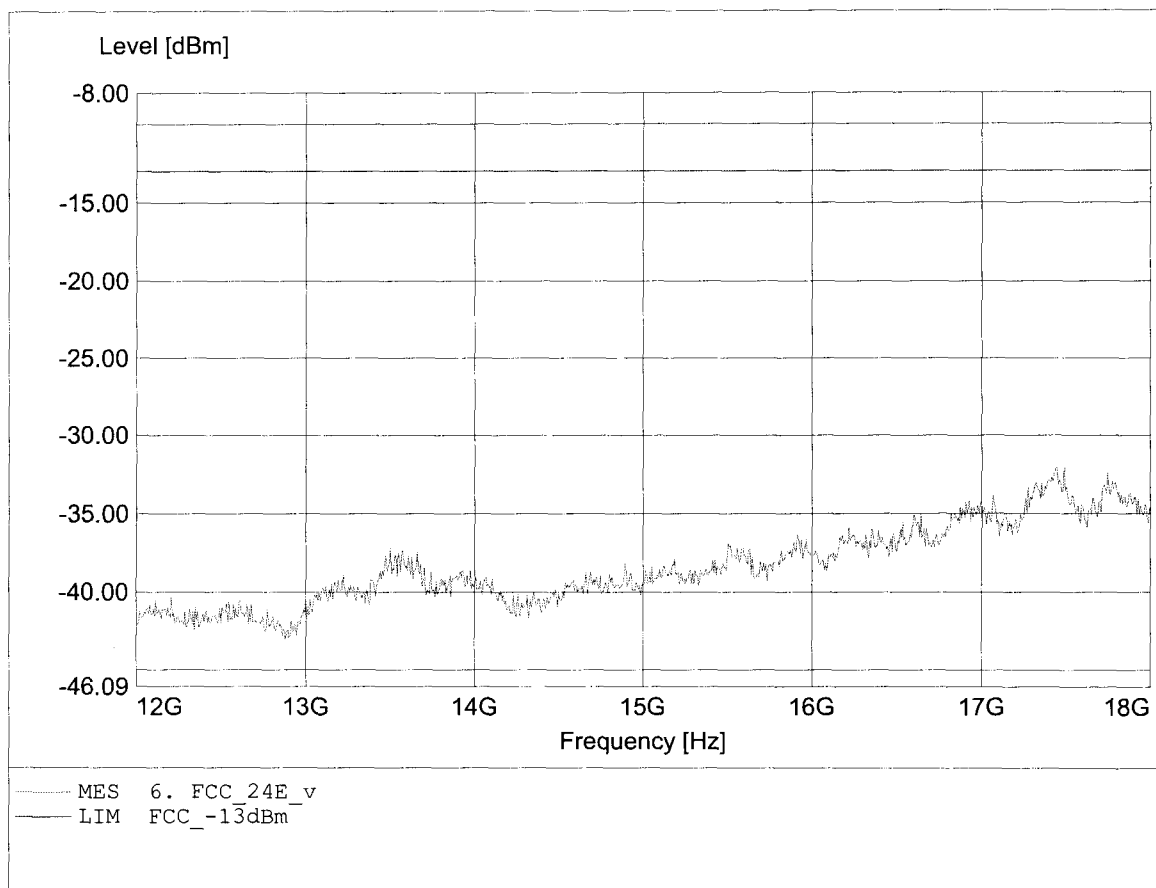
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.440GHz, Pmax: -31.99dBm, RBW: 1MHz



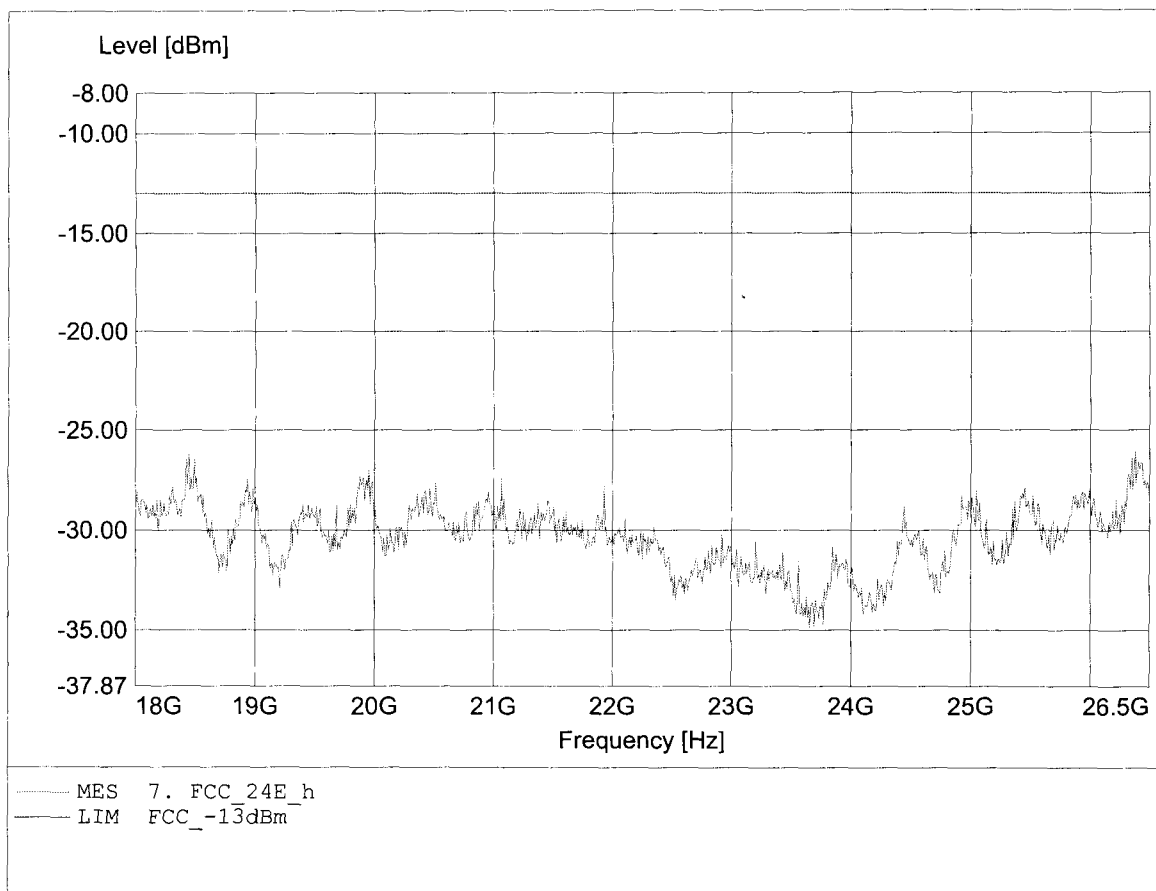
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.440GHz, Pmax: -32.05dBm, RBW: 1MHz



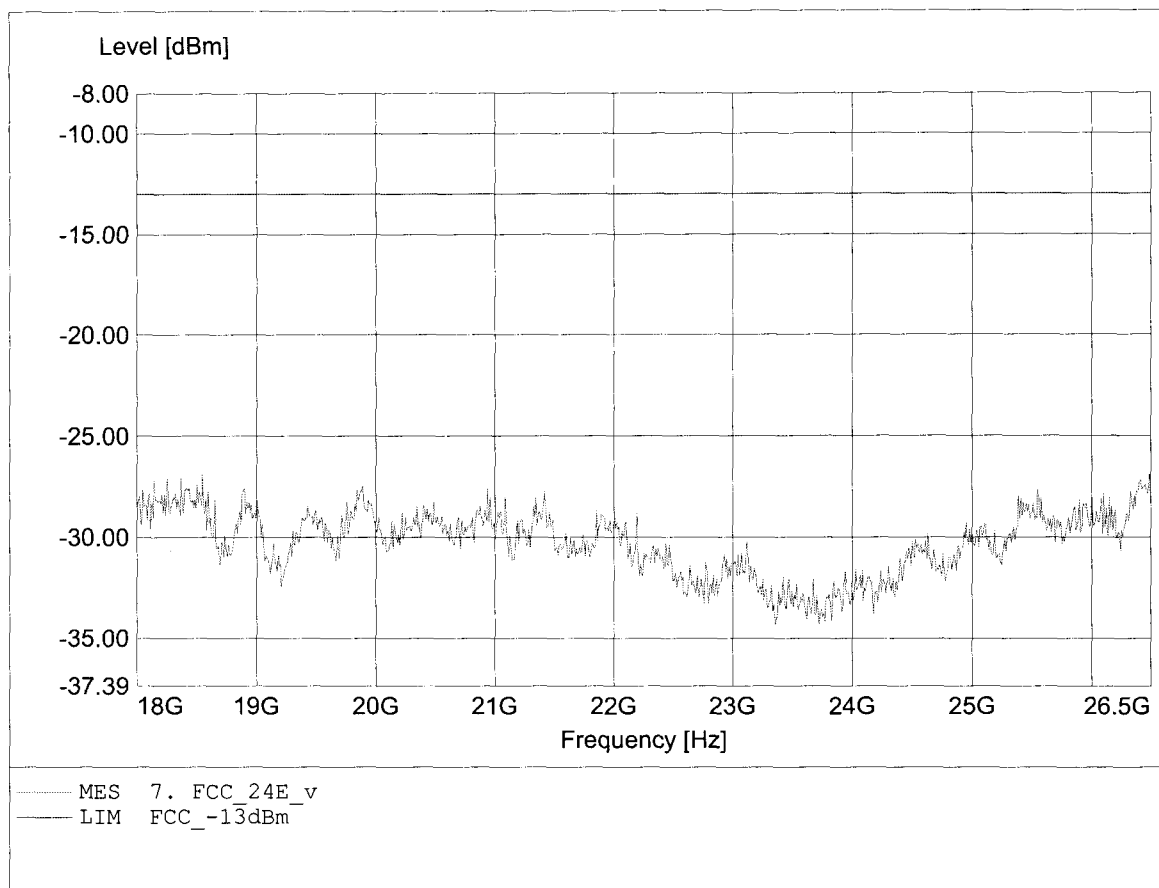
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.377GHz, Pmax: -26.05dBm, RBW: 1MHz



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

Applicant: Pantech CO., LTD.  
EUT: Triple Band GSM900 / DCS1800 / PCS1900 (with WAP & GPRS)  
Model / Channel: PG-6100 // Ch: 810  
Temperature/ Voltage: Temp.: 23°C, Unom.: 4,20 V (Battery)  
Test Site / Operator: ETS / Mr. Pfeufer  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.548GHz, Pmax: -26.86dBm, RBW: 1MHz

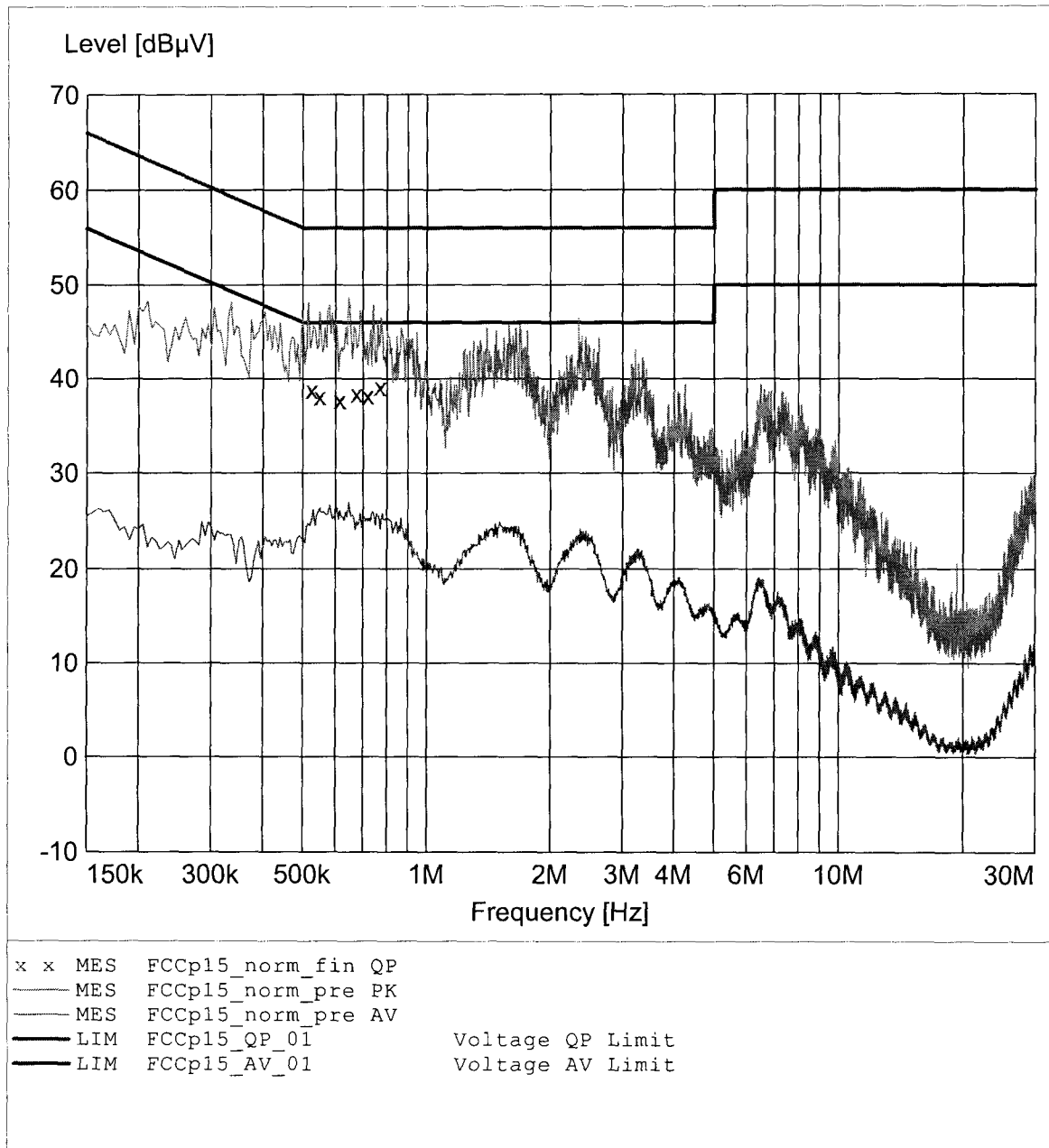


## Appendix F

### Line Conducted Emissions

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

EUT: Triple Band GSM 900 (E-GSM)/DCS1800/PCS 1900 (with WAP & GPR)  
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: PG-6100  
ADAPTOR: ANAM model: TA3521-EU



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

EUT: Triple Band GSM 900 (E-GSM)/DCS1800/PCS 1900 (with WAP & GPR)  
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 (N)  
Comment: model: PG-6100  
ADAPTOR: ANAM model: TA3521-EU

