



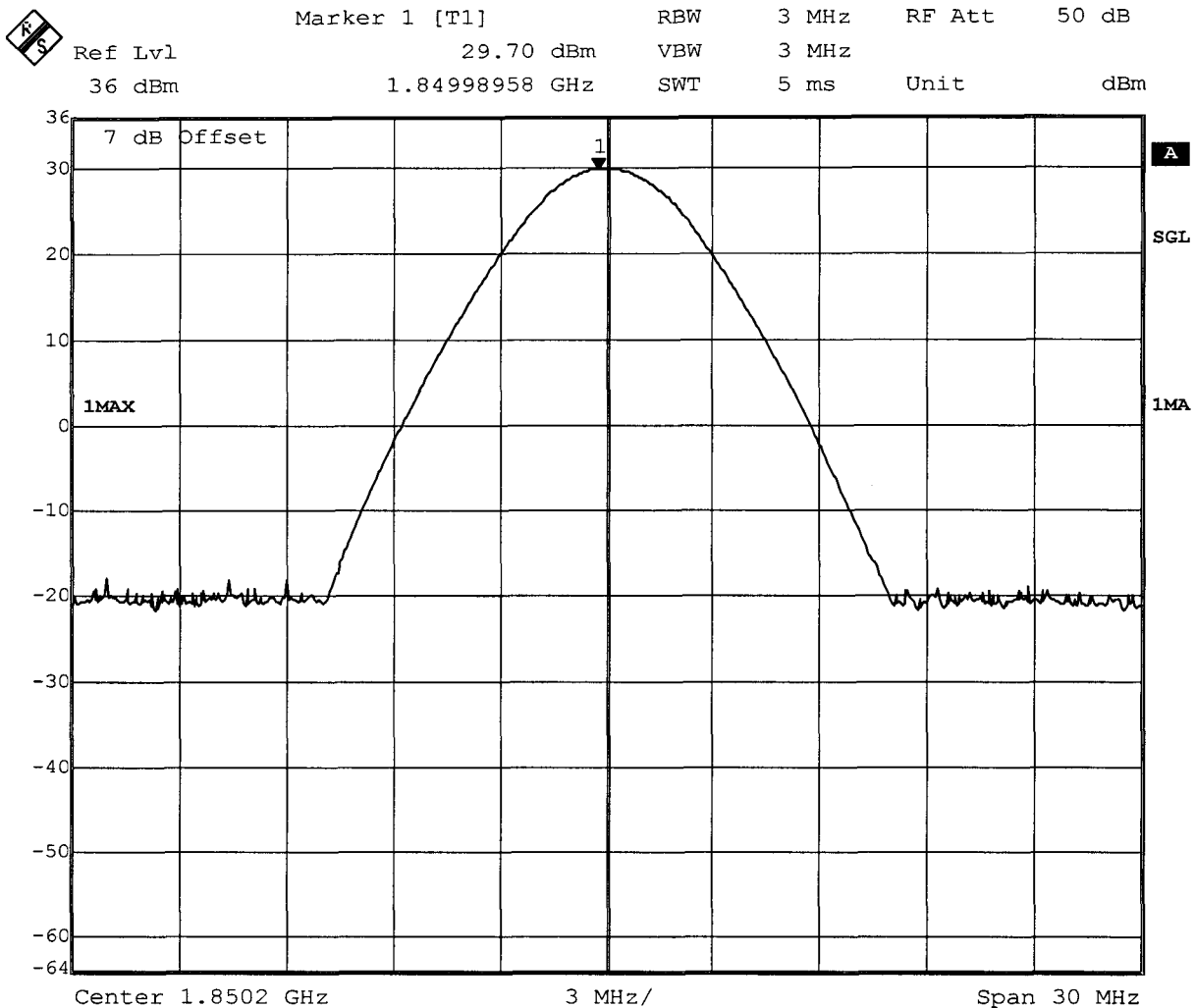
## Appendix B

RF Power Output



**FCC Part 24 E**  
**Output power conducted**

EUT	Triple Band GSM 850 /DCS 1800 /PCS 1900 (with WAP & GPRS)
Model	PG - 3810
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 512
Comment 1	
Comment 2	



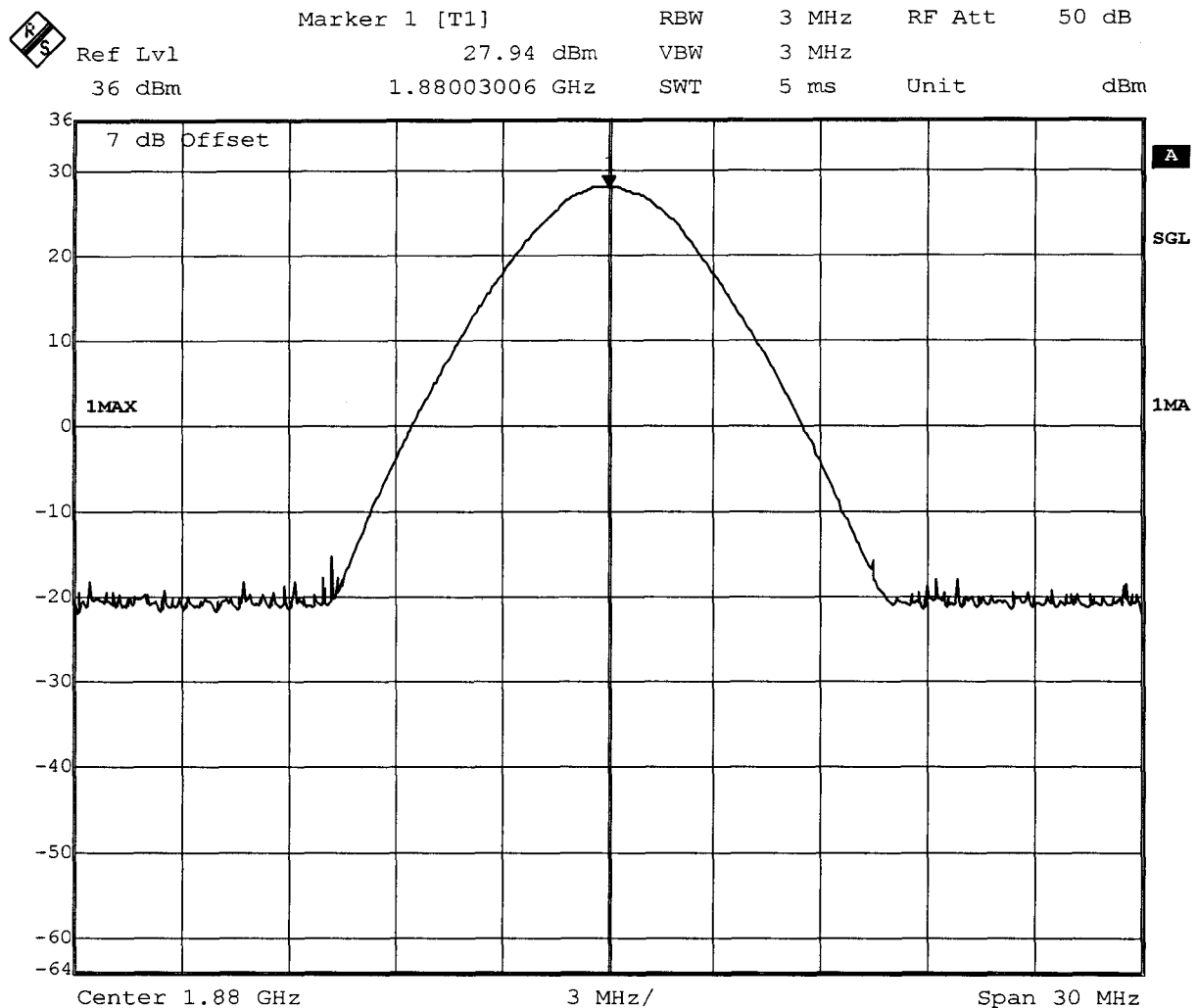
Date: 13.MAR.2006 21:25:56

Measurement diagram



**FCC Part 24 E**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)
Model	PG - 1810
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS / Mr. Schostek
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 661
Comment 1	
Comment 2	



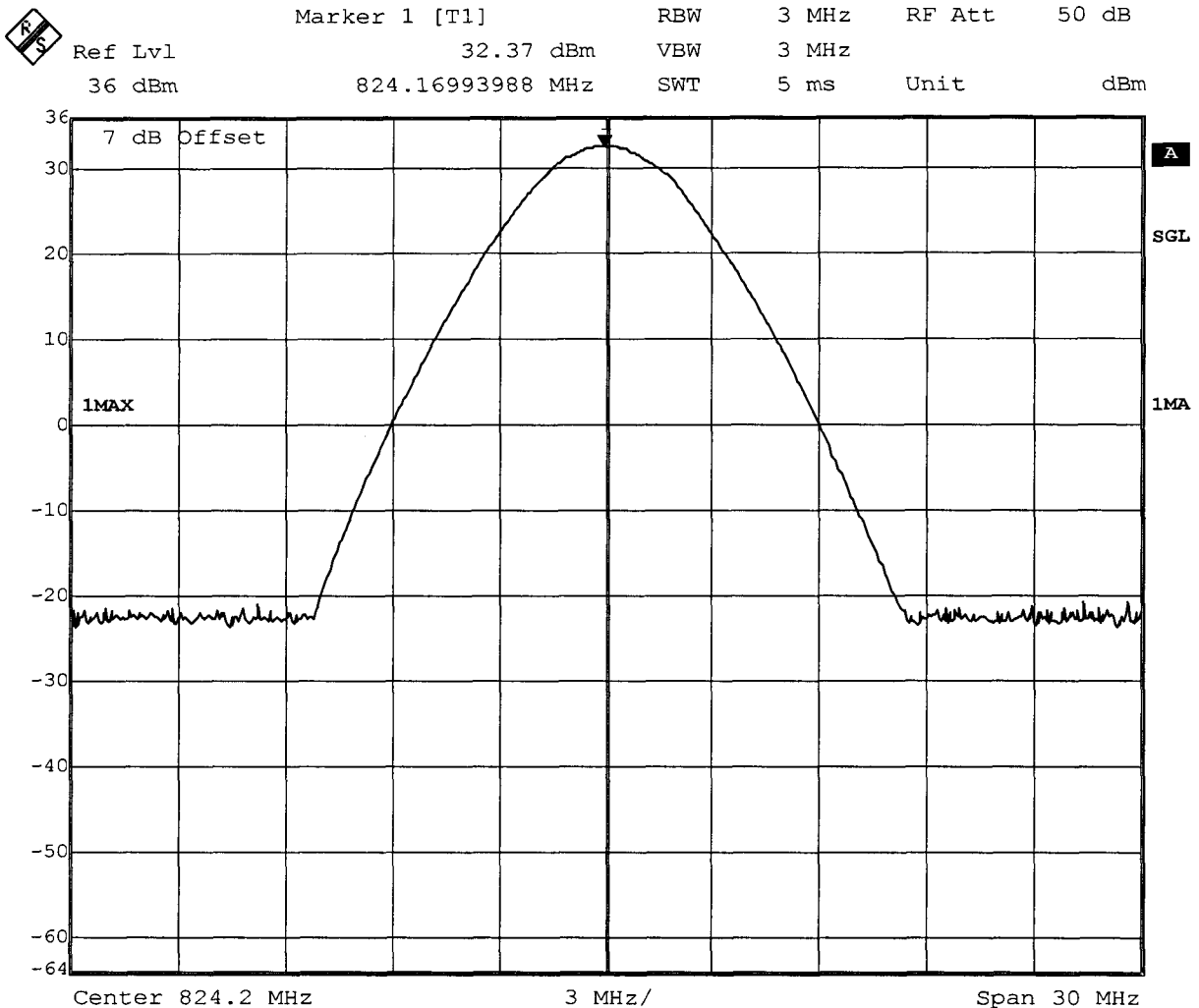
Date: 13.MAR.2006 20:26:05

Measurement diagram



**FCC Part 22 H**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)
Model	PG - 1810
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 128
Comment 1	
Comment 2	



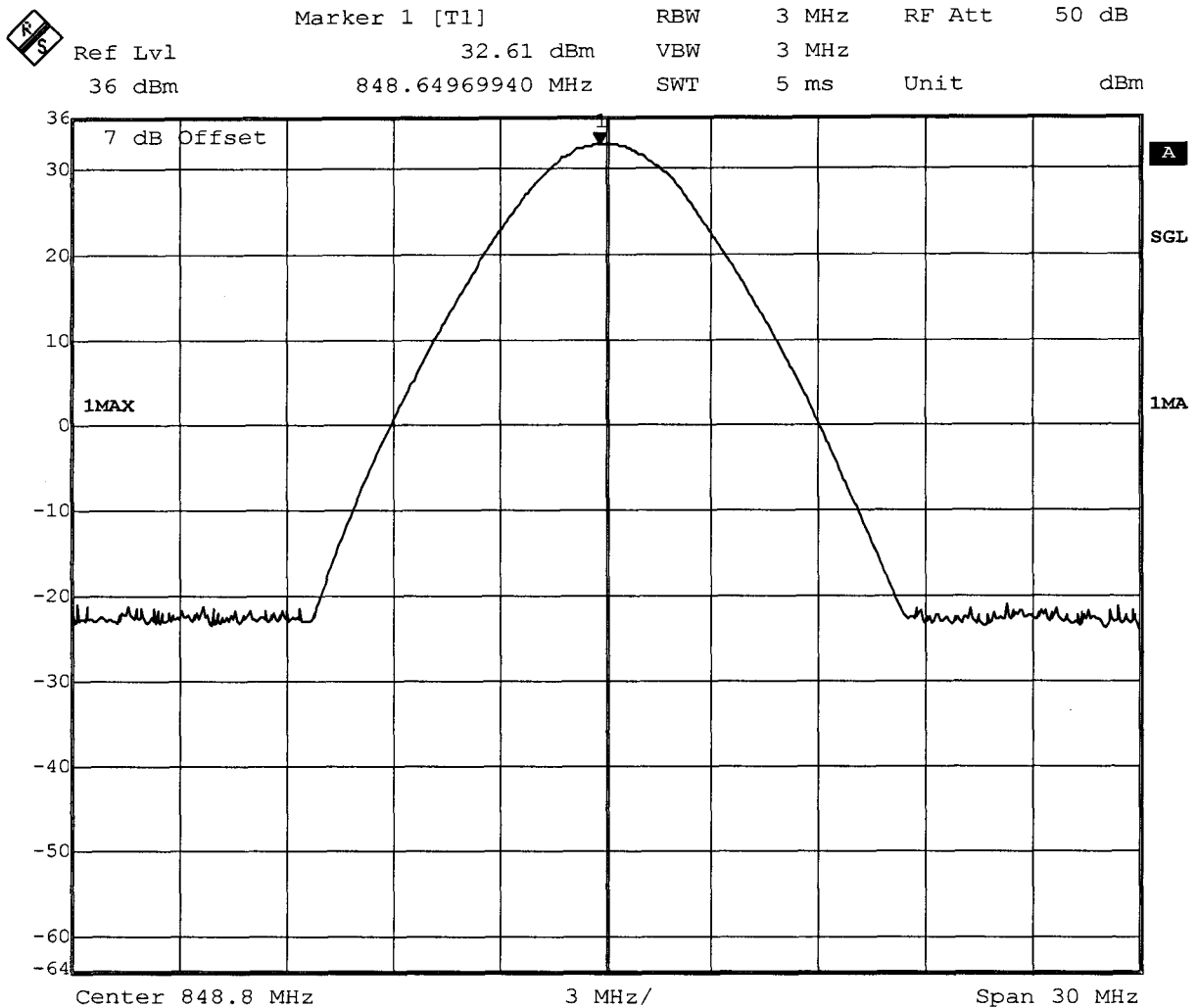
Date: 14.MAR.2006 10:30:23

Measurement diagram



**FCC Part 22 H  
Output power conducted**

EUT	Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)
Model	PG - 1810
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 251
Comment 1	
Comment 2	



Date: 14.MAR.2006 10:36:05

Measurement diagram



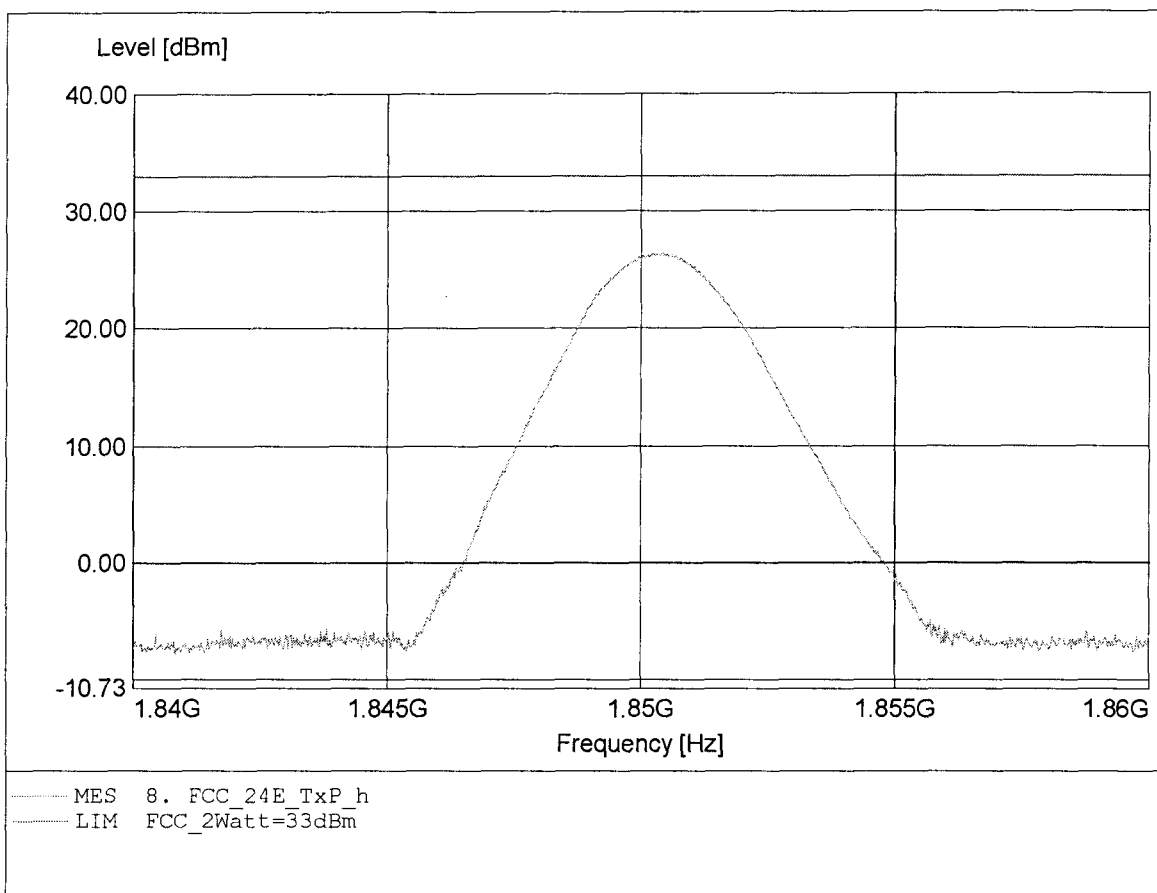
## Appendix C

ERP, EIRP



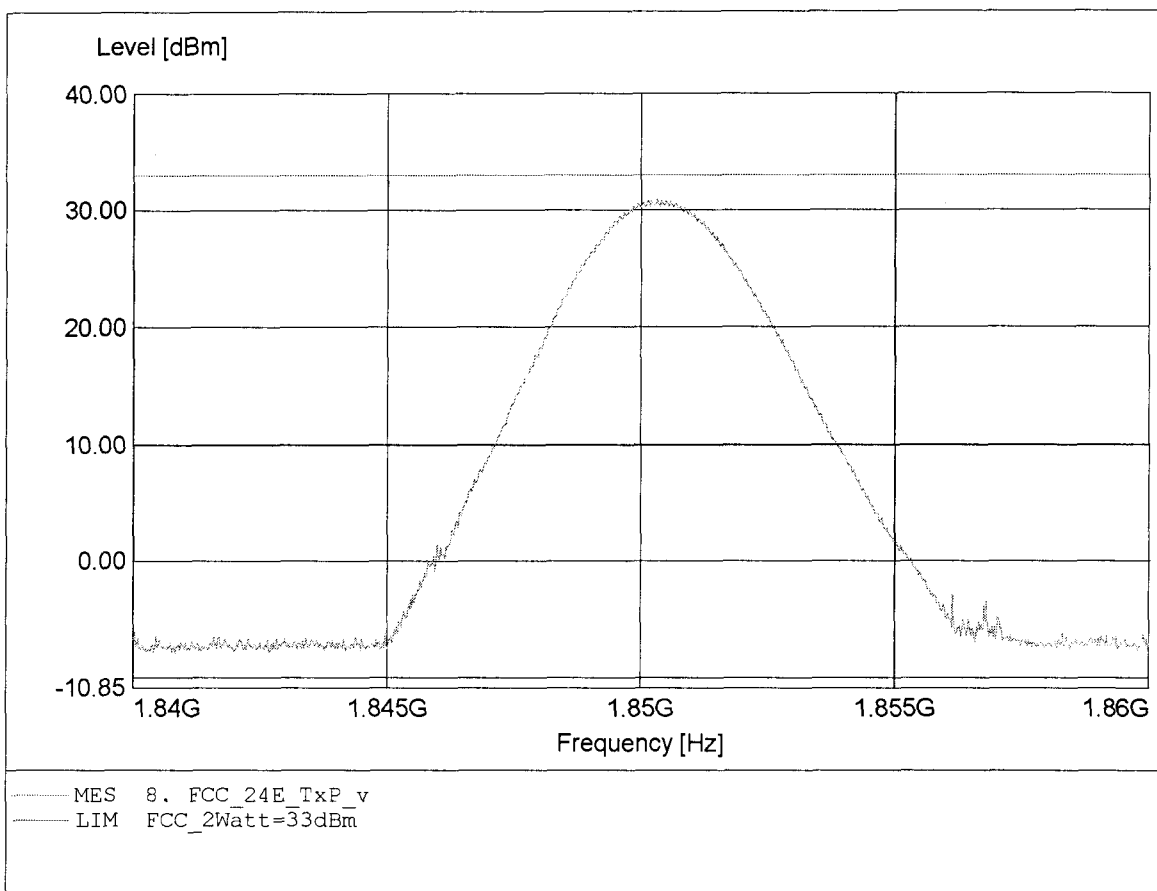
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 26.40dBm, RBW: 3MHz



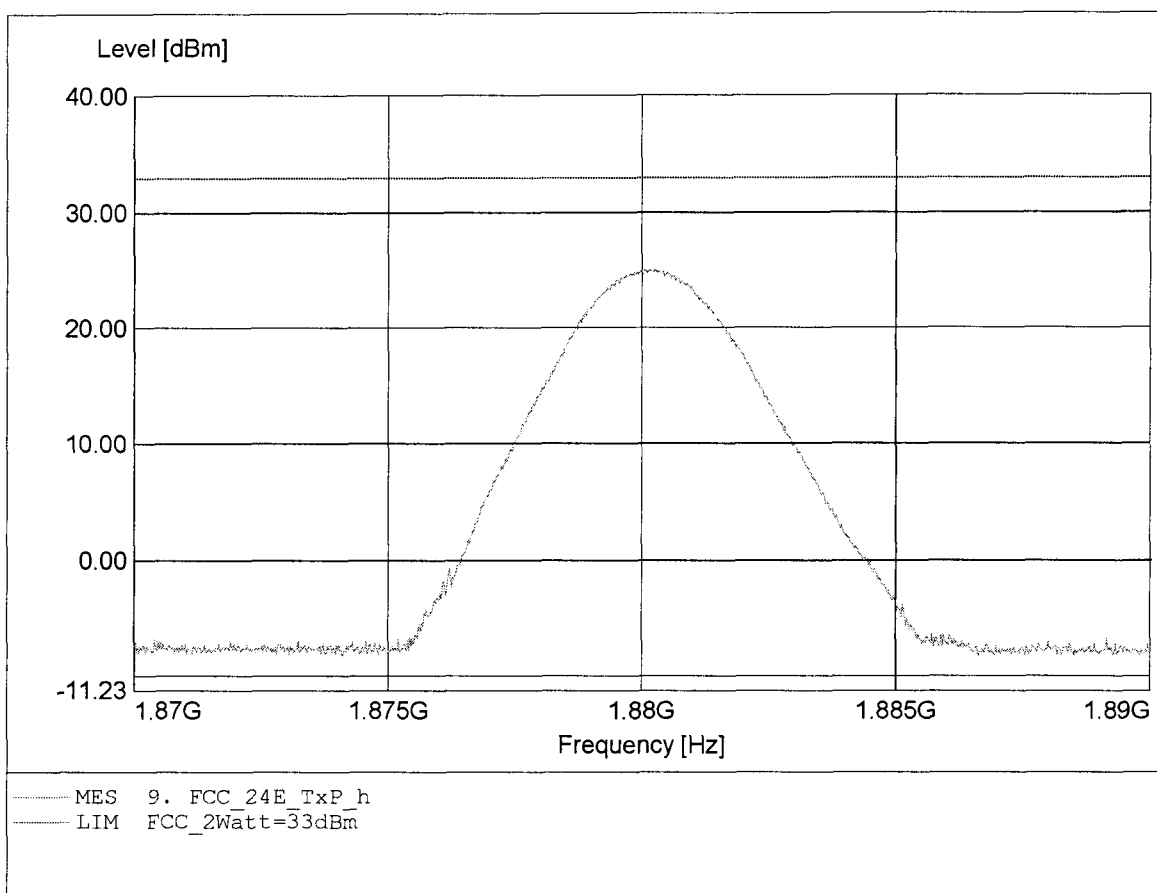
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 30.86dBm, RBW: 3MHz



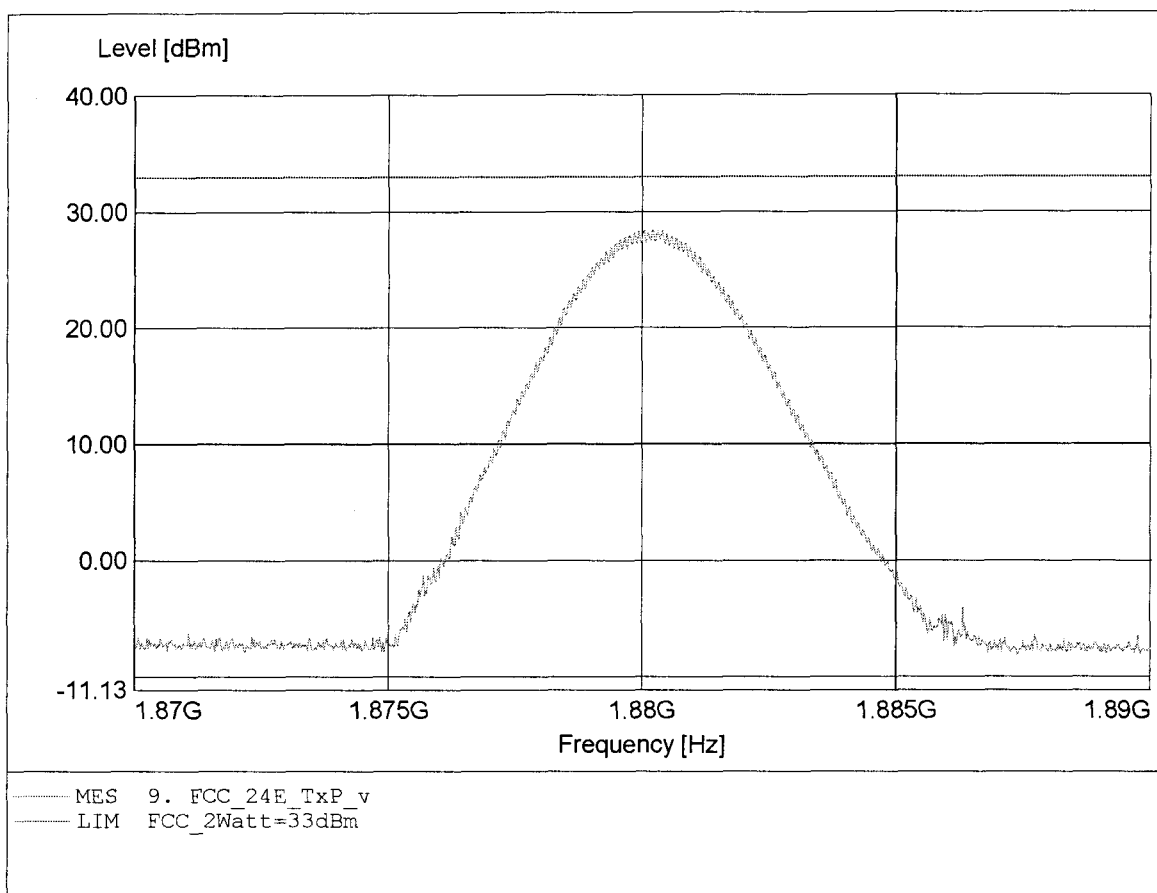
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 25.04dBm, RBW: 3MHz



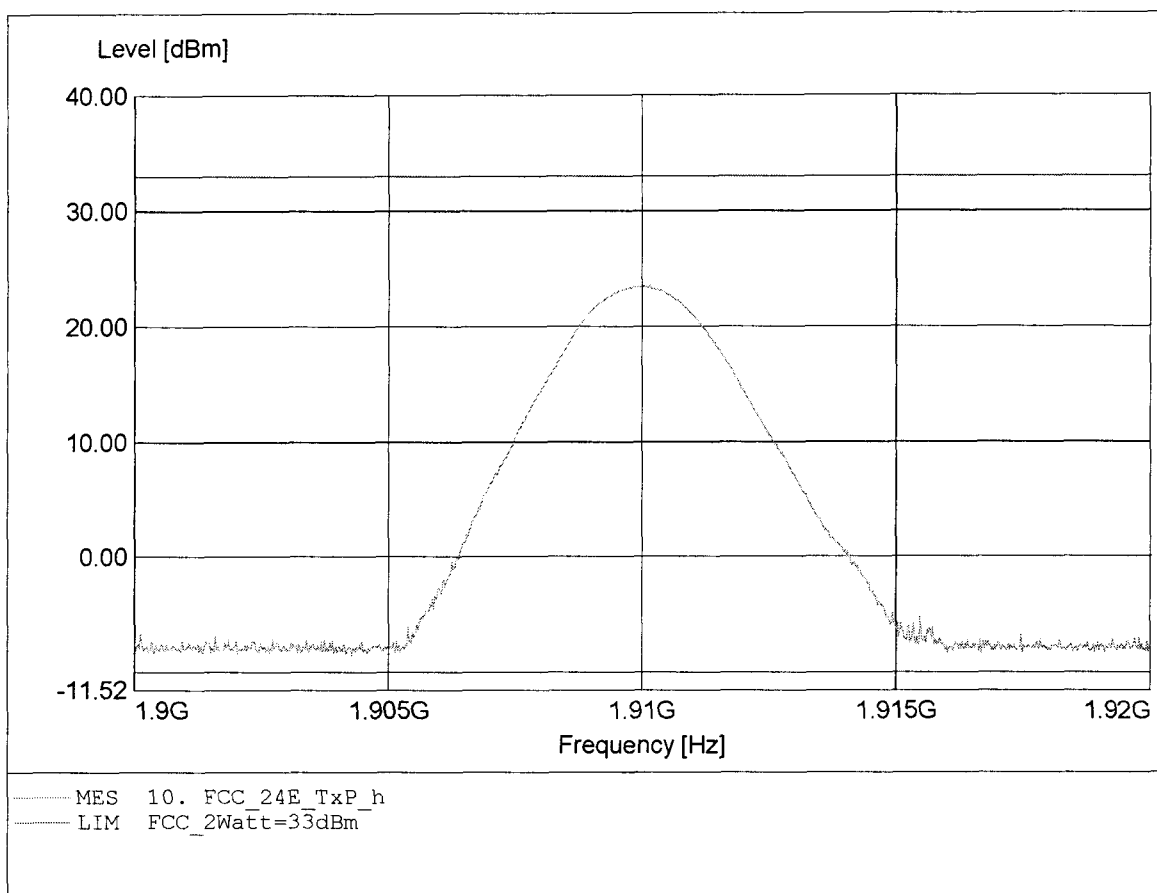
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 28.41dBm, RBW: 3MHz



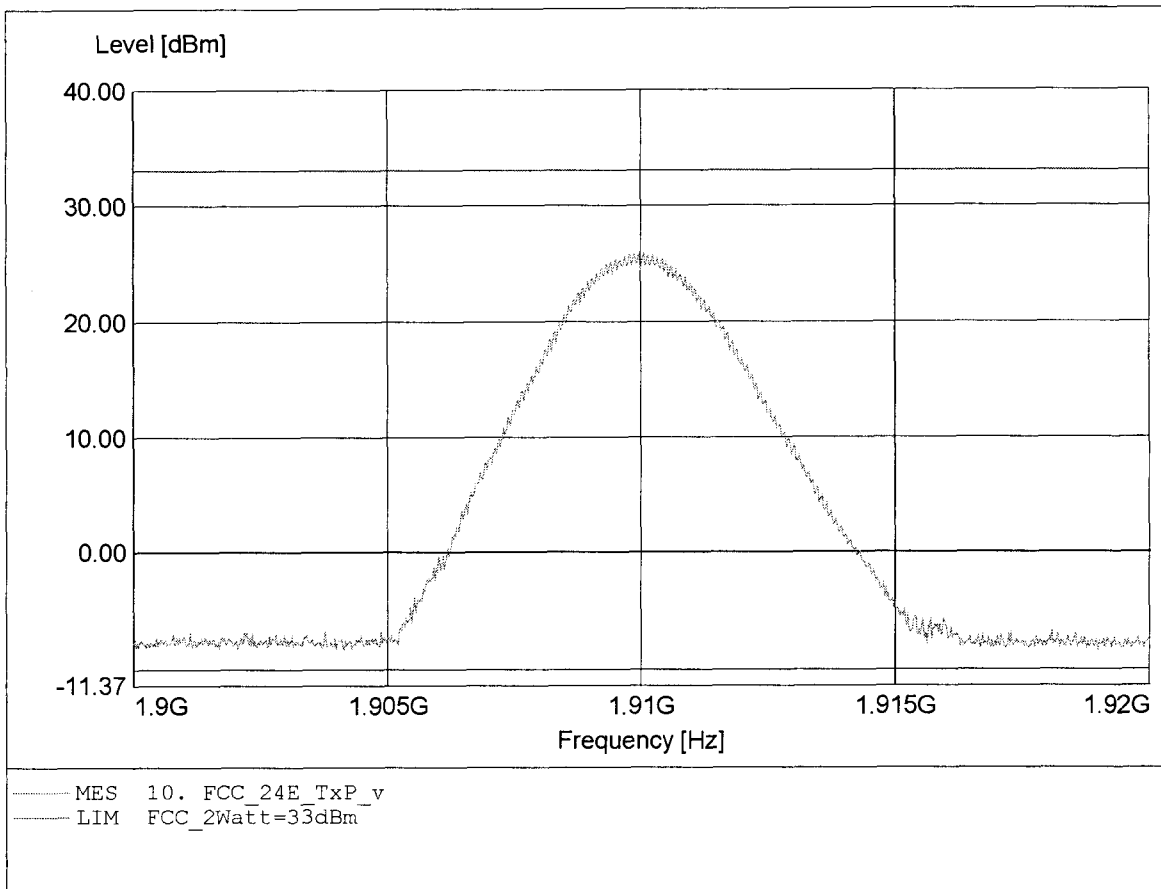
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 23.55dBm, RBW: 3MHz



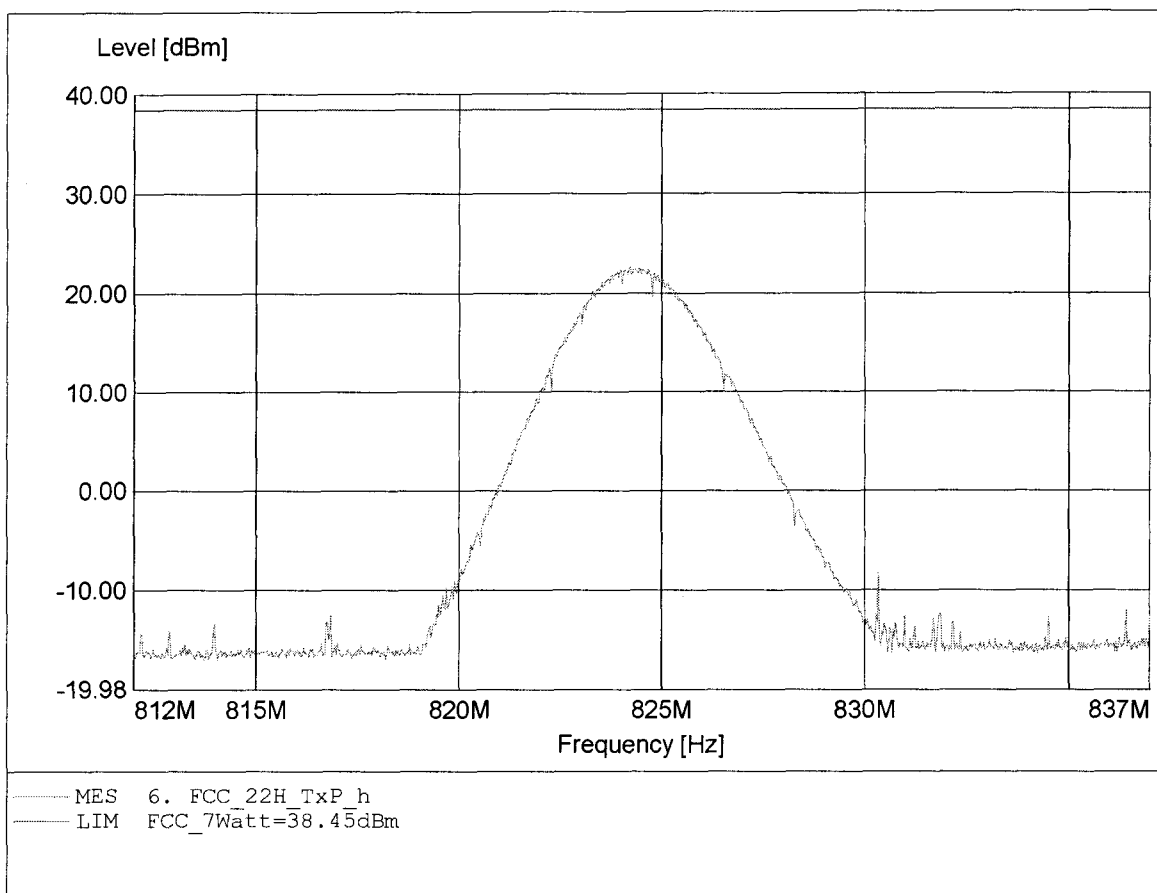
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 25.88dBm, RBW: 3MHz



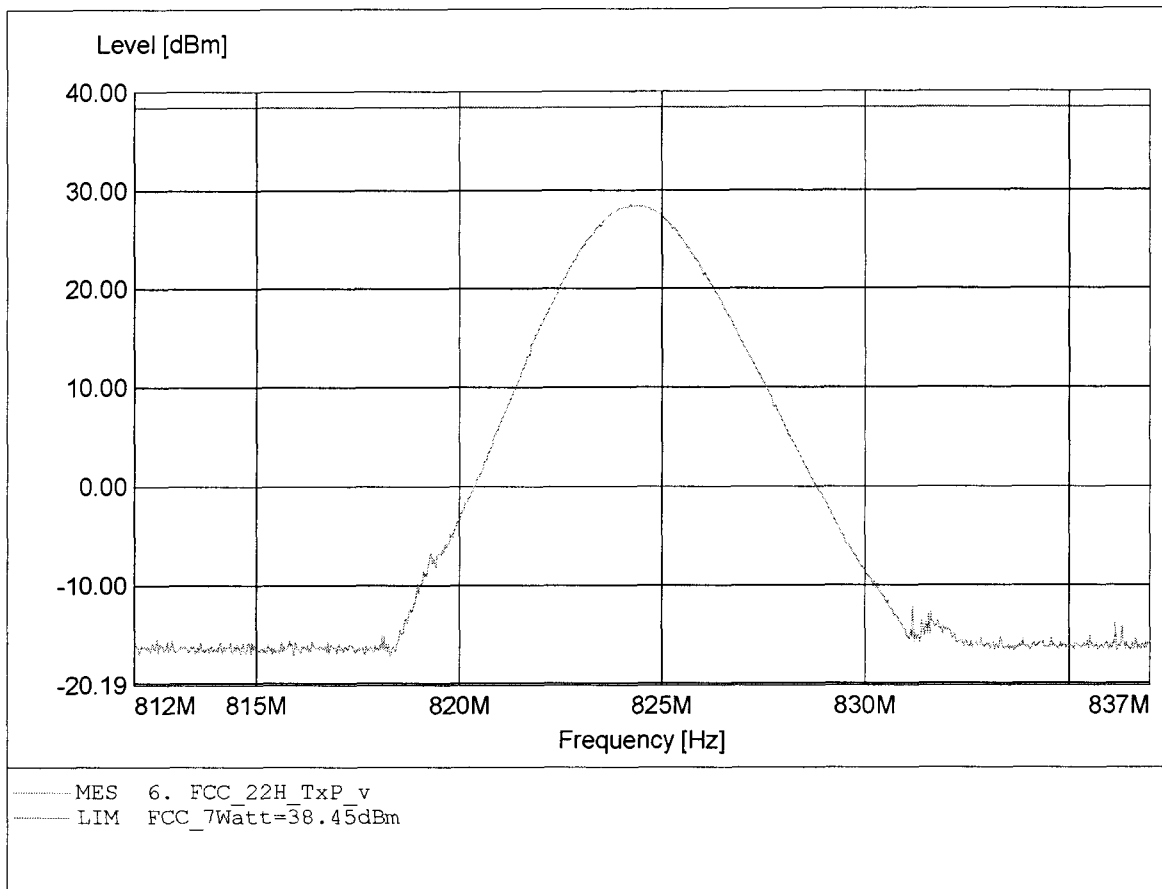
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.444MHz, Pmax: 22.58dBm, RBW: 3MHz



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

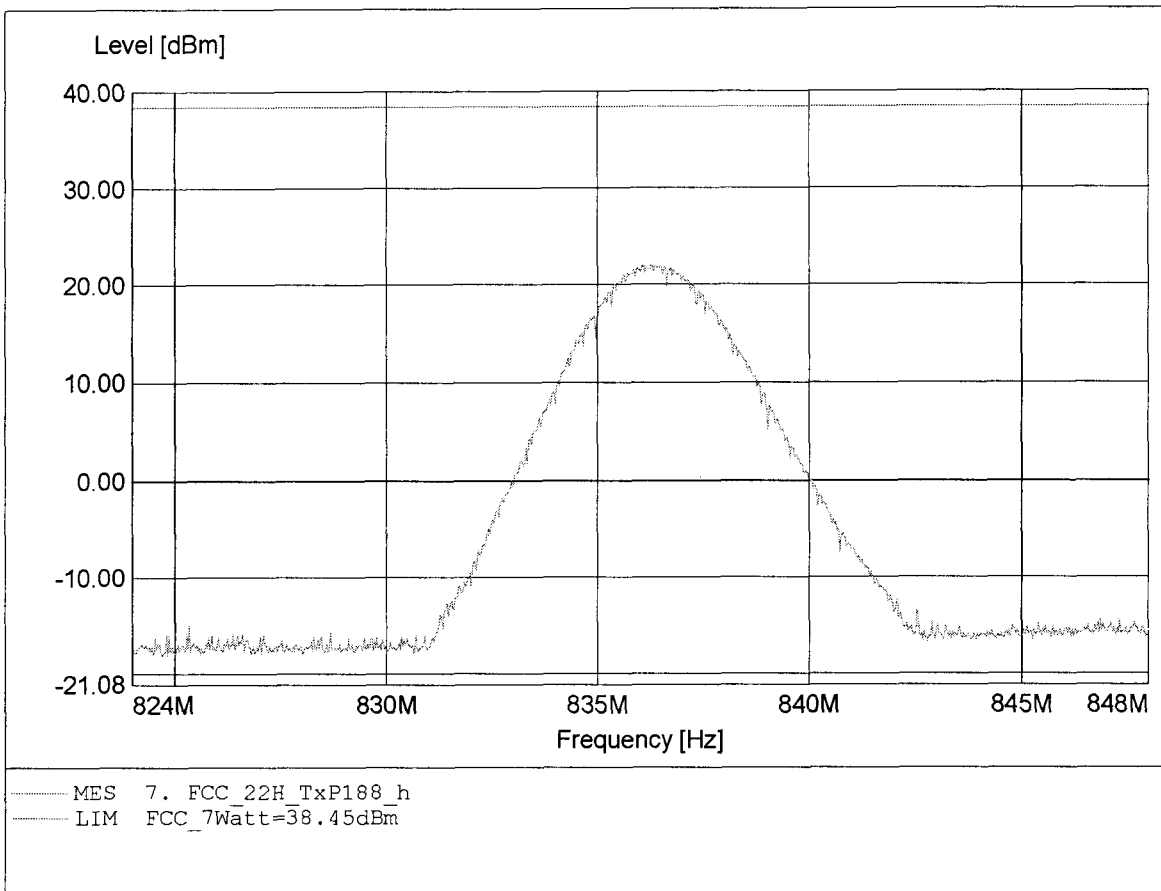
Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.222MHz, Pmax: 28.53dBm, RBW: 3MHz





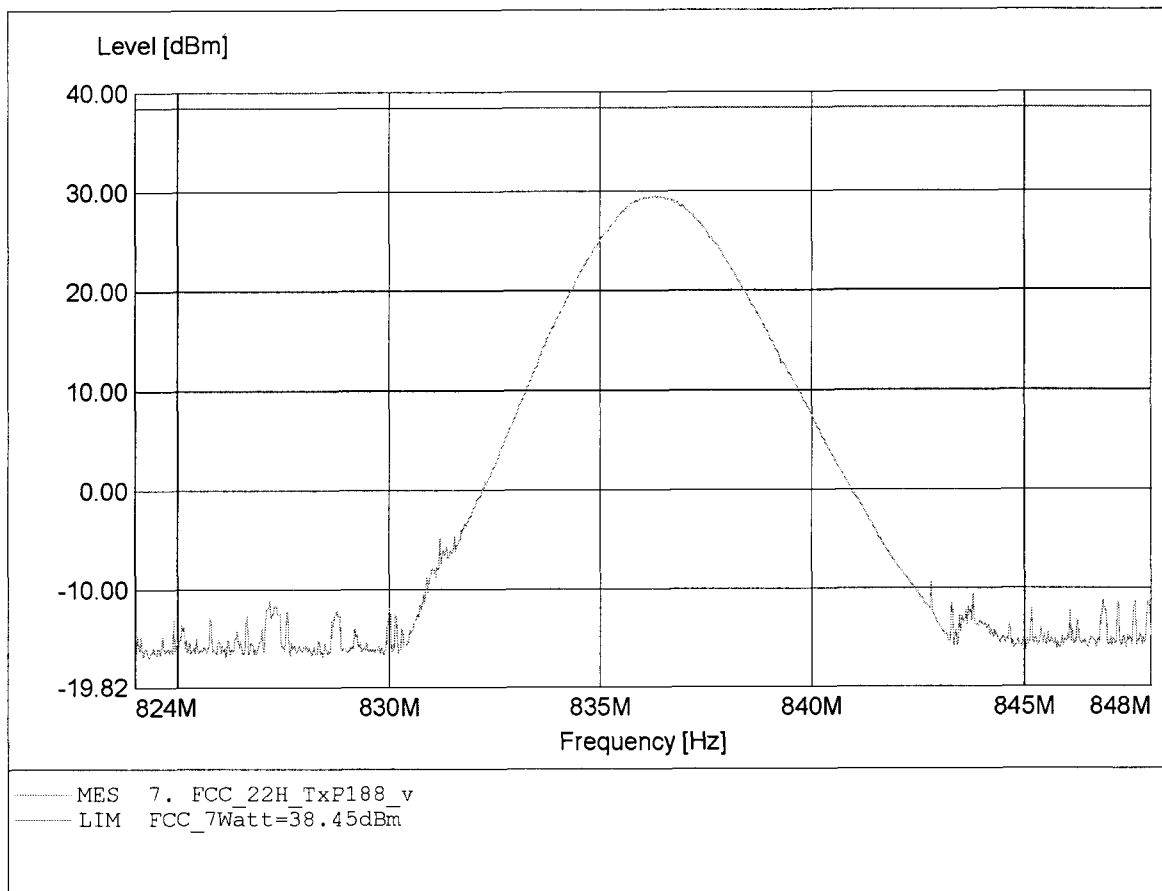
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.480MHz, Pmax: 22.00dBm, RBW: 3MHz



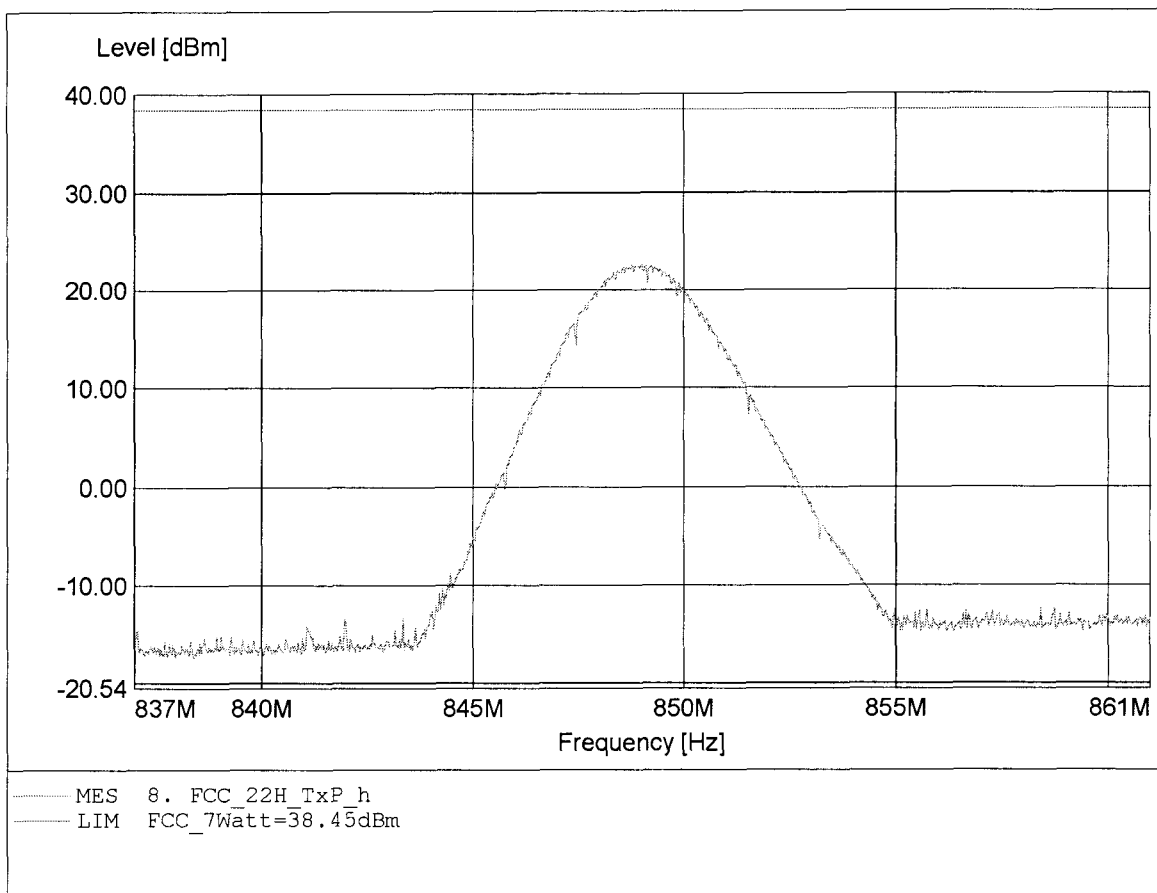
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.320MHz, Pmax: 29.54dBm, RBW: 3MHz



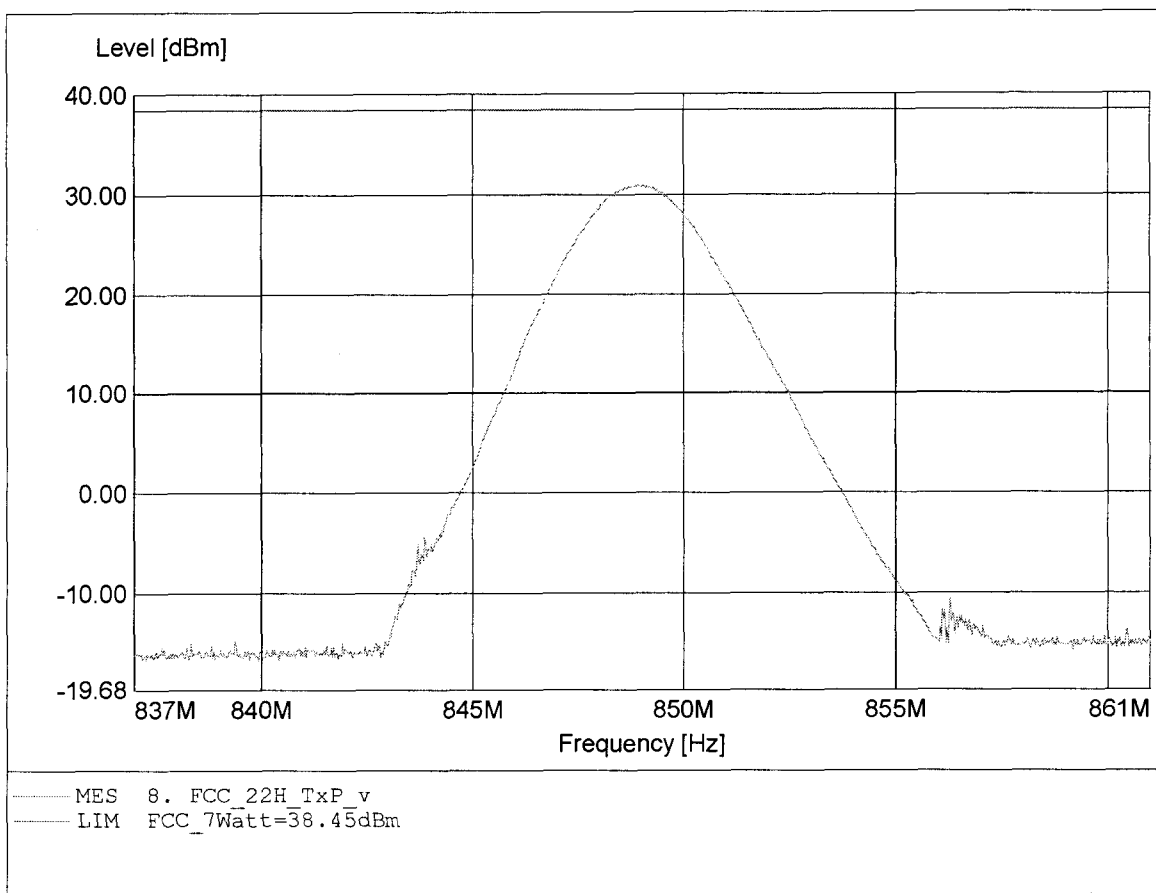
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.867MHz, Pmax: 22.60dBm, RBW: 3MHz



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

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.947MHz, Pmax: 30.96dBm, RBW: 3MHz





## Appendix D

### Modulation Requirements



## Appendix E

Audio Filter Characteristics



## Appendix F

Emission Limitation



## Appendix G

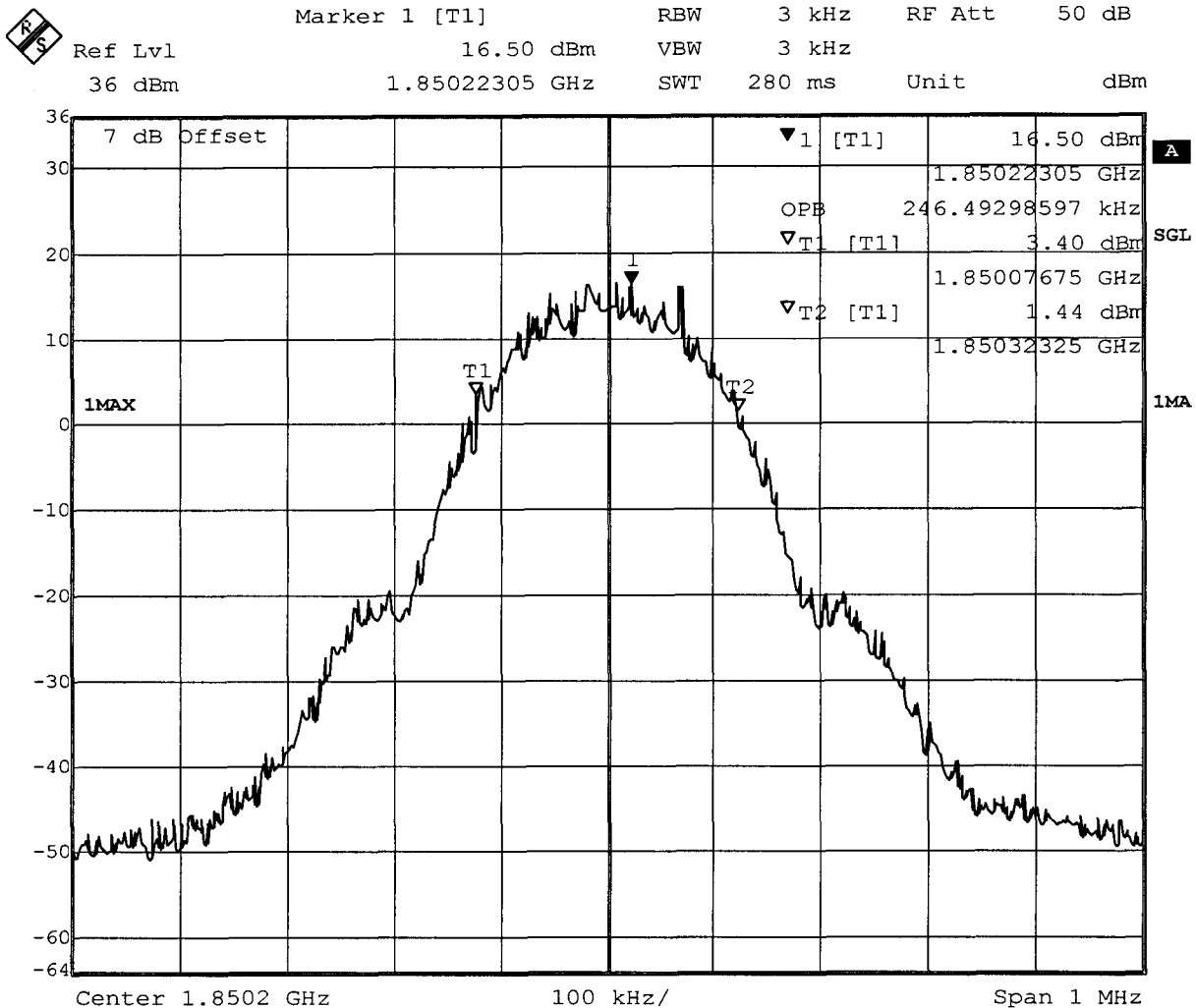
Occupied Bandwidth





**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.2 V DC  
 Test Site / Operator ETS / Mr. Schostek  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 512  
 Comment 1  
 Comment 2



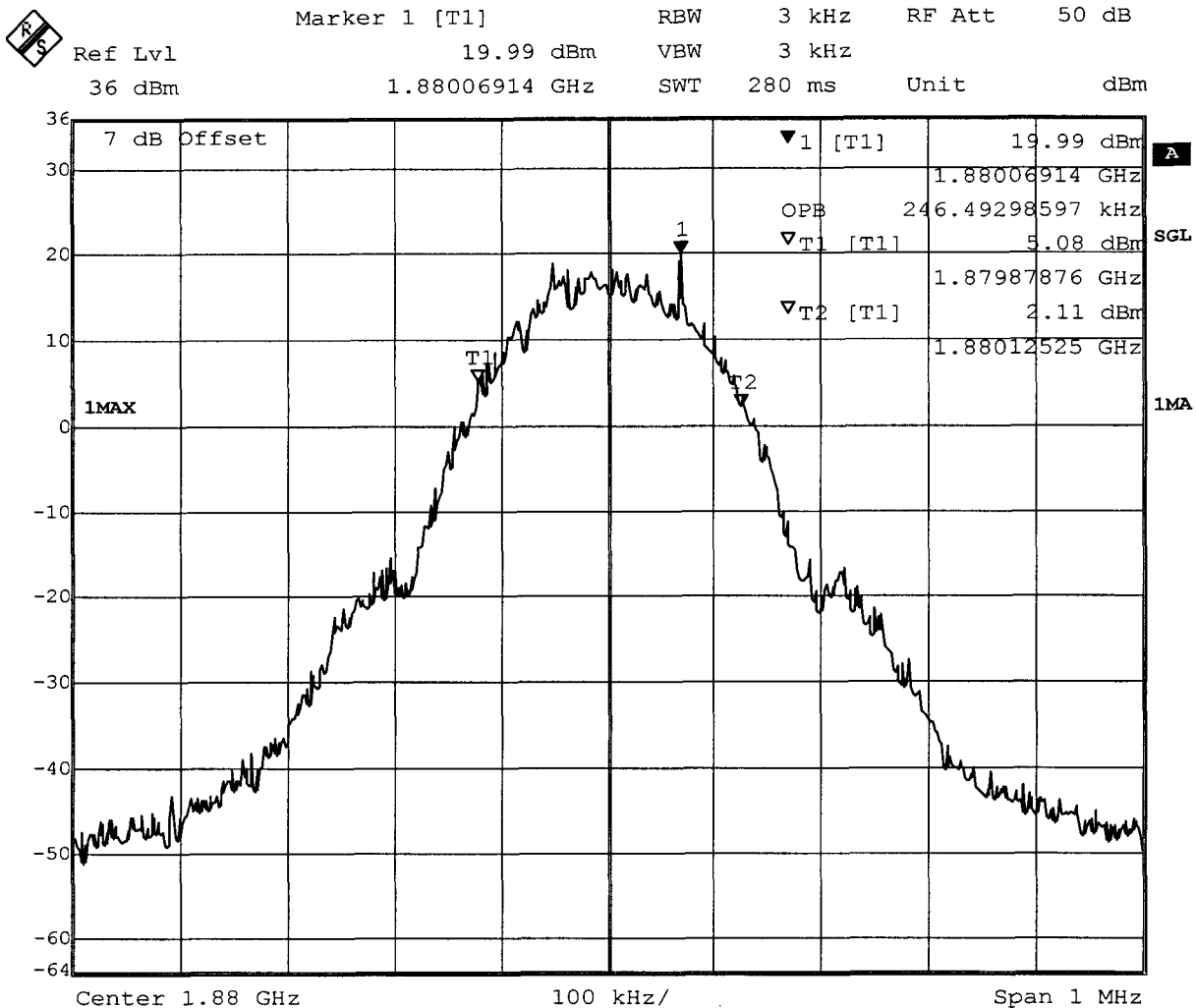
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Measurement diagram



**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.2 V DC  
 Test Site / Operator ETS / Mr. Schostek  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 661  
 Comment 1  
 Comment 2



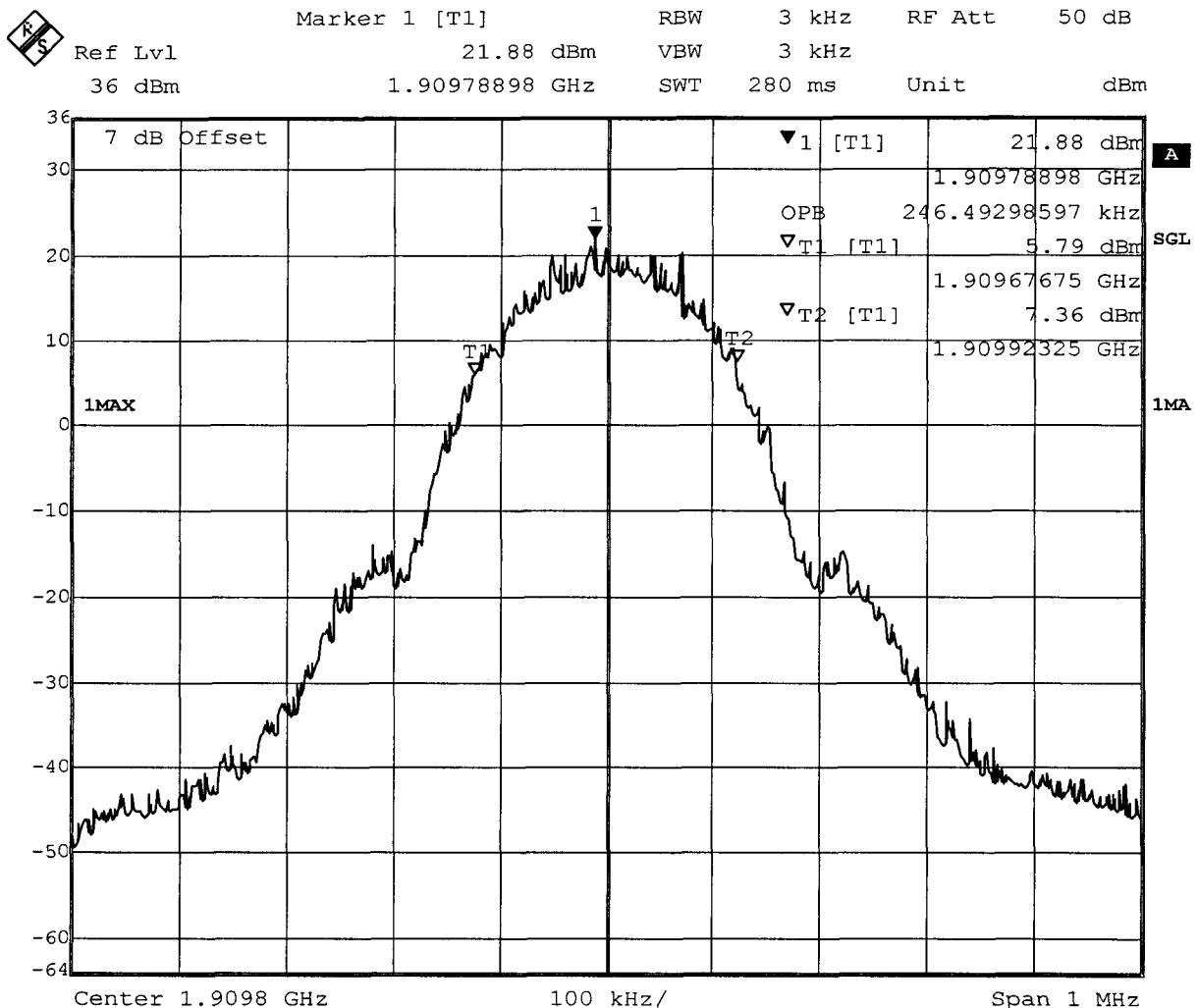
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Measurement diagram



FCC Part 24 E  
Occupied Bandwidth

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.2 V DC  
 Test Site / Operator ETS / Mr. Schostek  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 810  
 Comment 1  
 Comment 2



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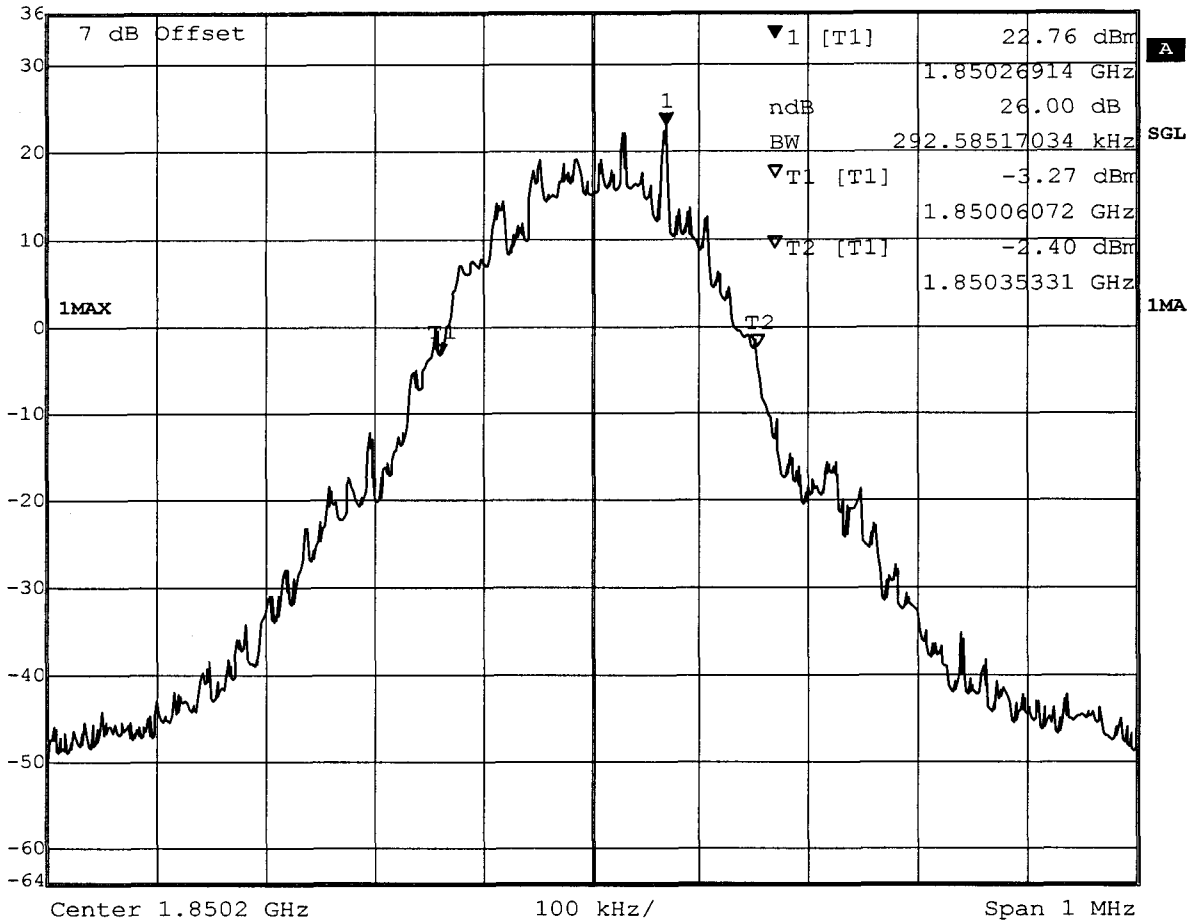
Measurement diagram



FCC Part 24 E  
Emission Bandwidth

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Walter  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 512  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2

Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB  
 Ref Lvl ndB 26.00 dB VBW 3 kHz  
 36 dBm BW 292.58517034 kHz SWT 280 ms Unit dBm



Date: 14.MAR.2006 10:56:44

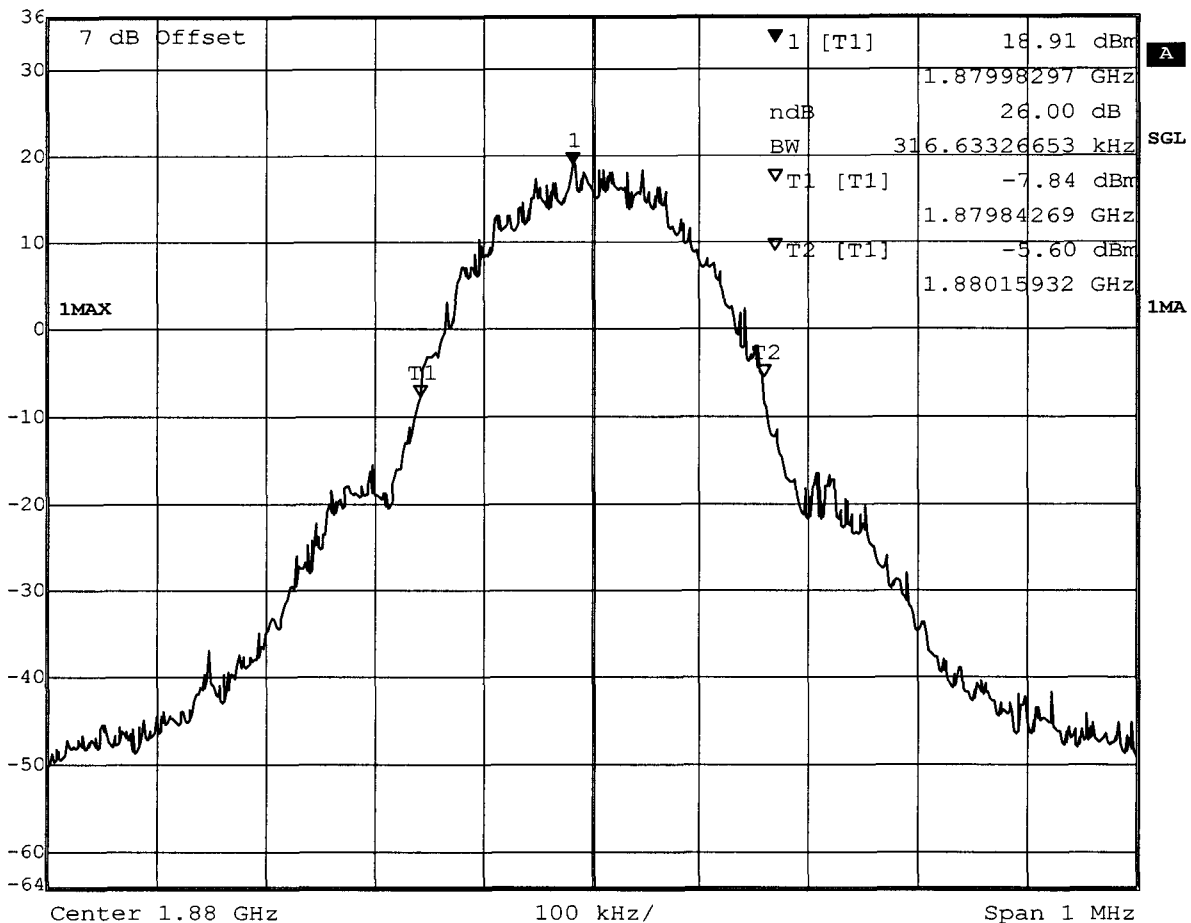
Measurement diagram



**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.2 V DC  
 Test Site / Operator ETS / Mr. Schostek  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 661  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2

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



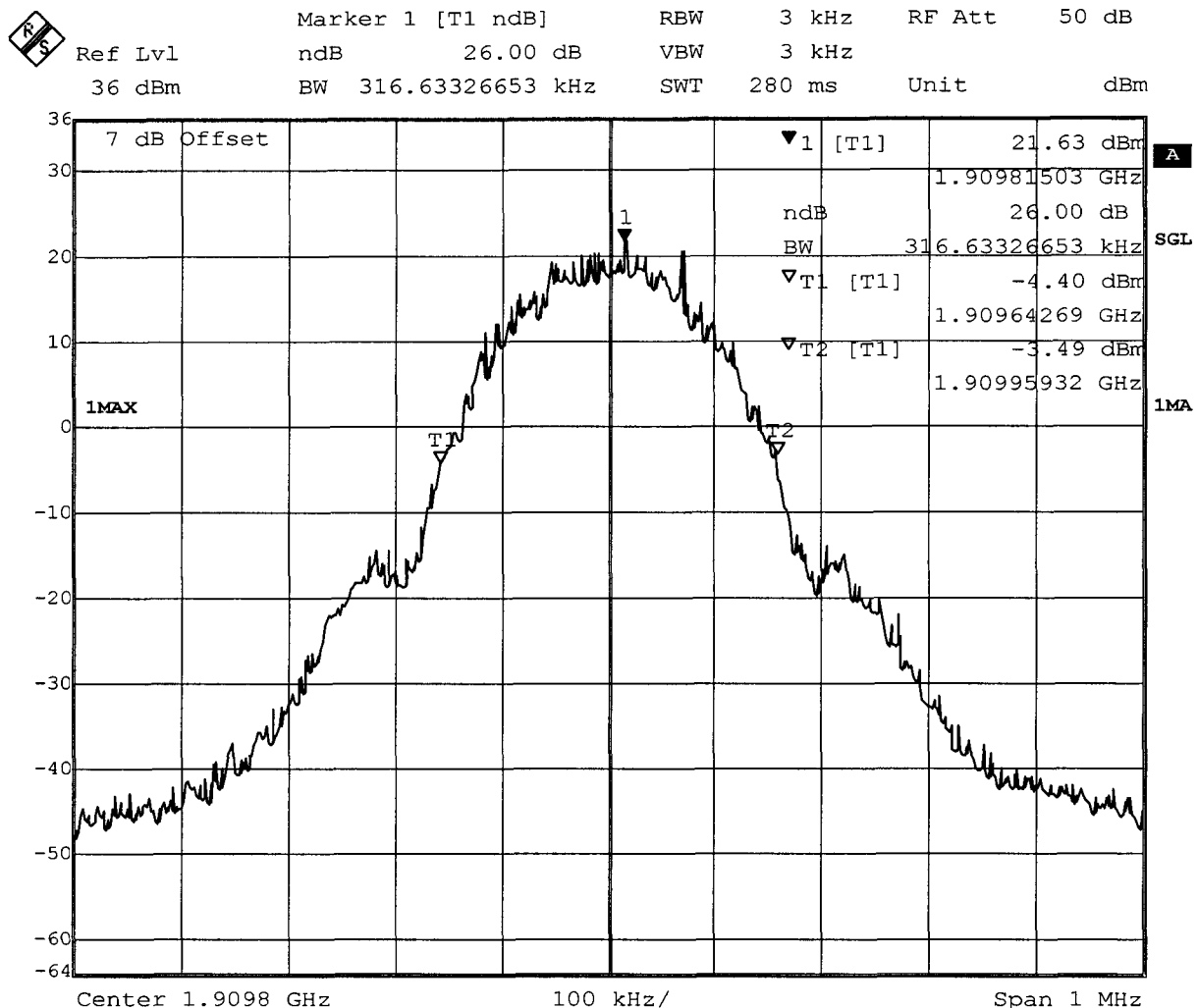
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Measurement diagram



FCC Part 24 E  
Emission Bandwidth

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.2 V DC  
 Test Site / Operator ETS / Mr. Schostek  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 810  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



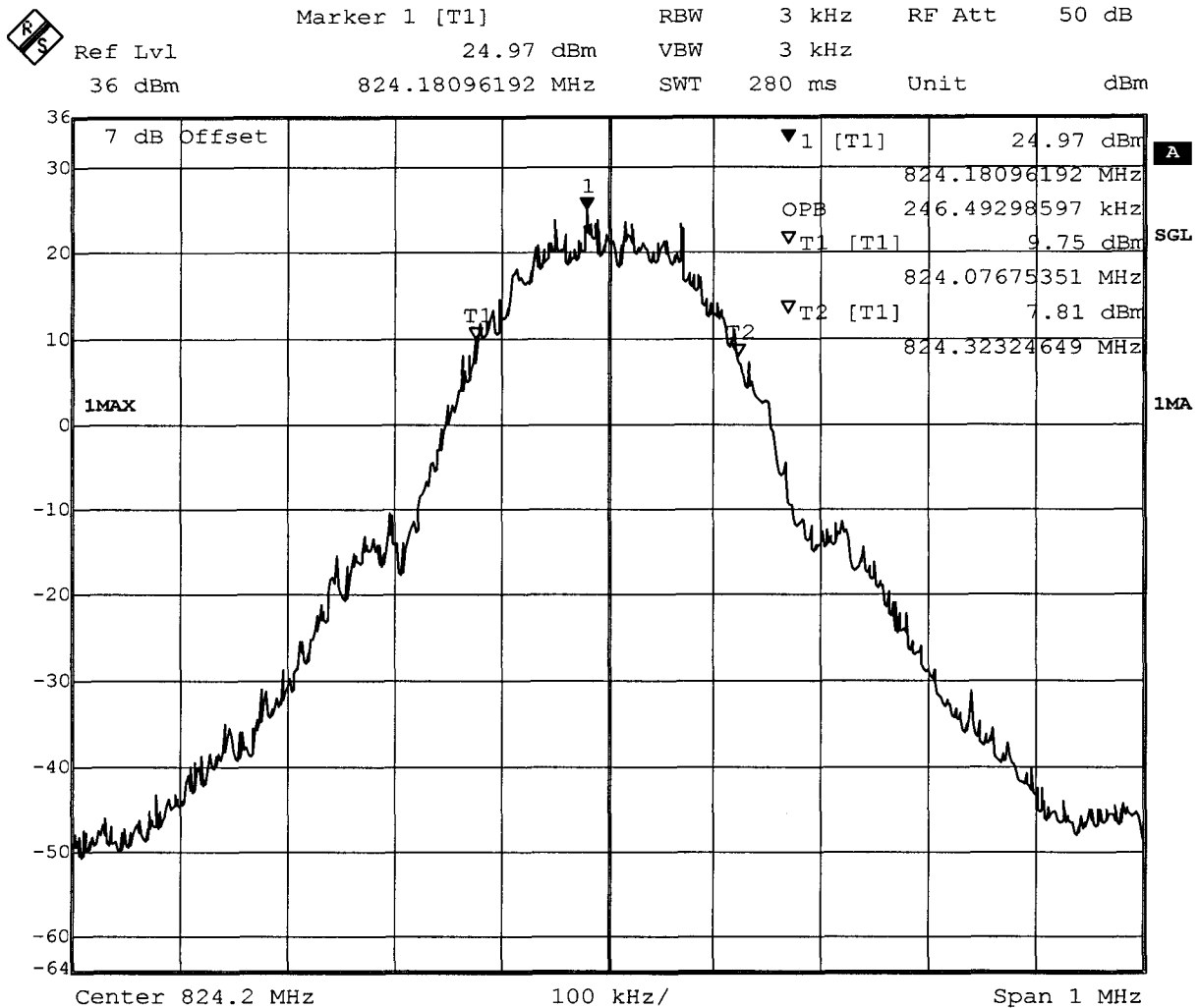
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Measurement diagram



**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Walter  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 128  
 Comment 1  
 Comment 2

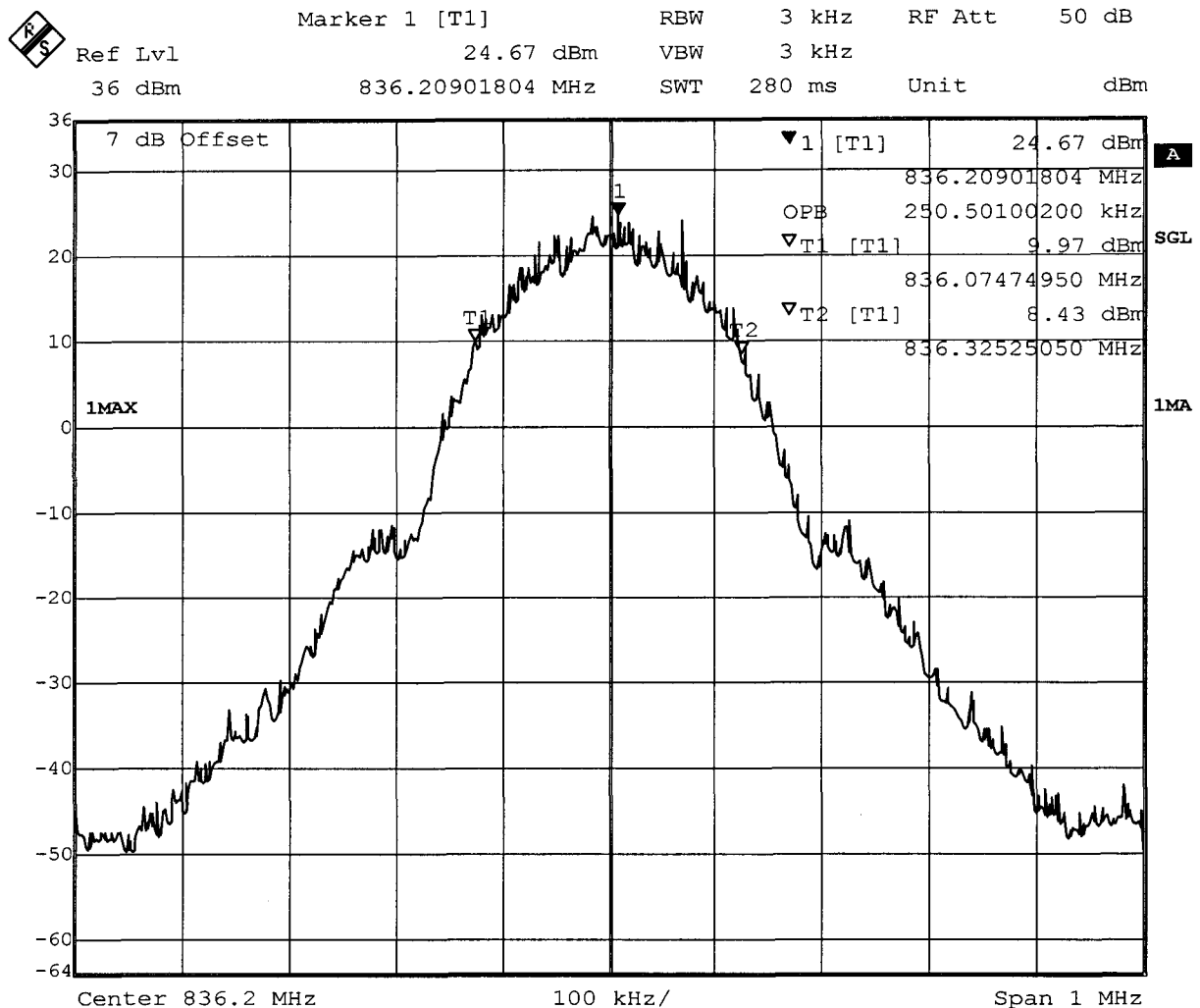


Date: 14.MAR.2006 10:42:23

Measurement diagram

**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Walter  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 188  
 Comment 1  
 Comment 2



Date: 14.MAR.2006 10:40:19

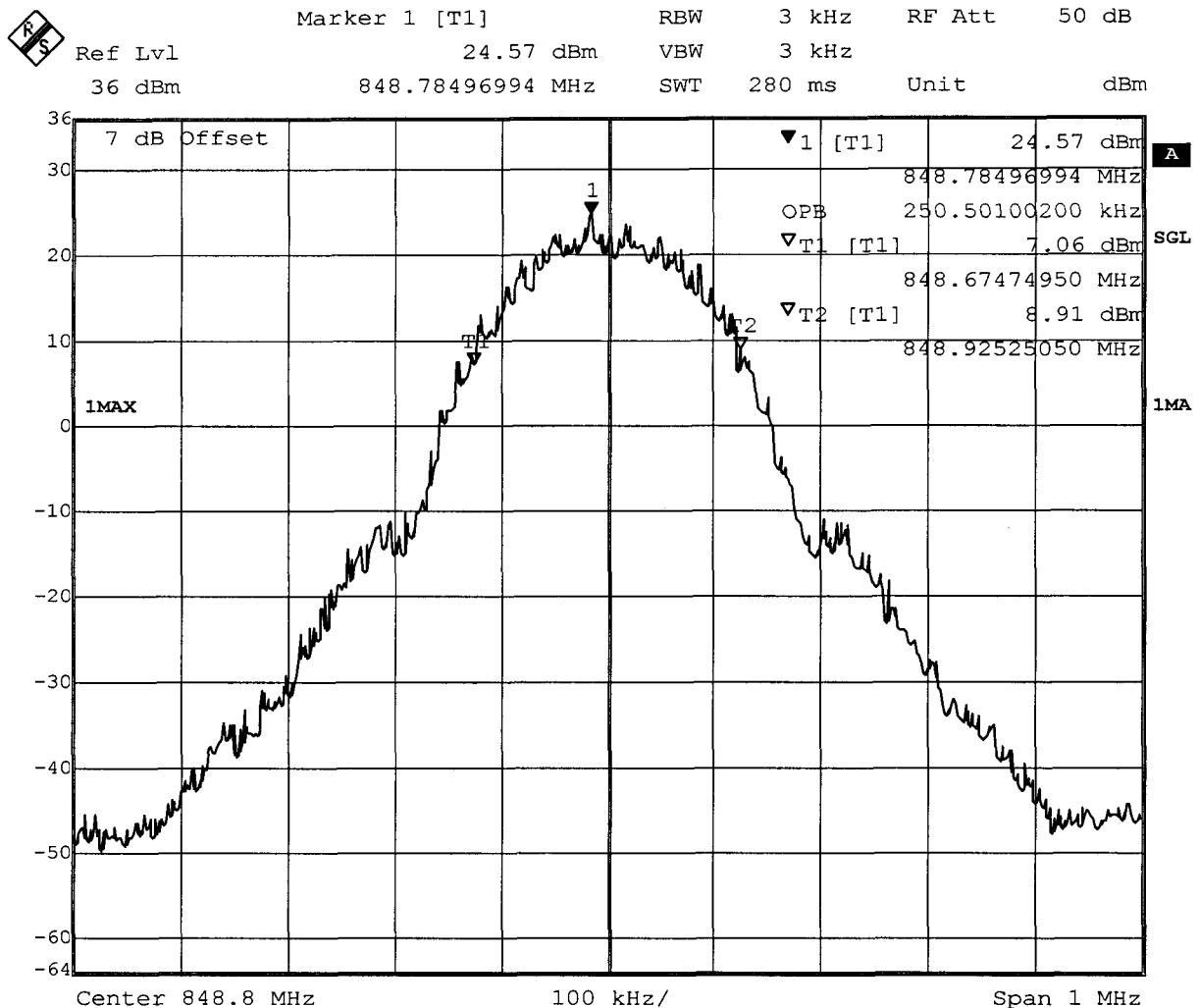
Measurement diagram





**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Walter  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 251  
 Comment 1  
 Comment 2



Date: 14.MAR.2006 10:38:08

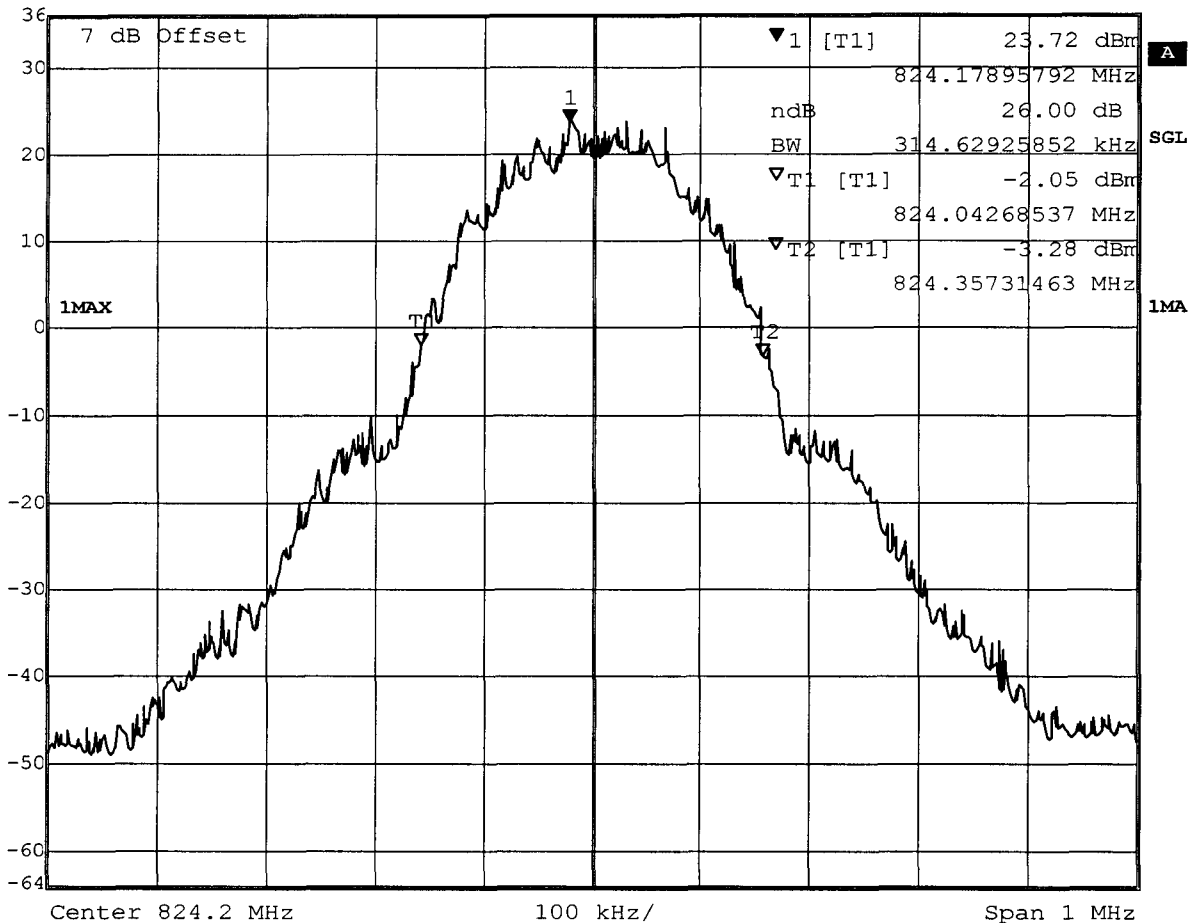
Measurement diagram



**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Walter  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 128  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2

	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



Date: 14.MAR.2006 10:44:07

Measurement diagram

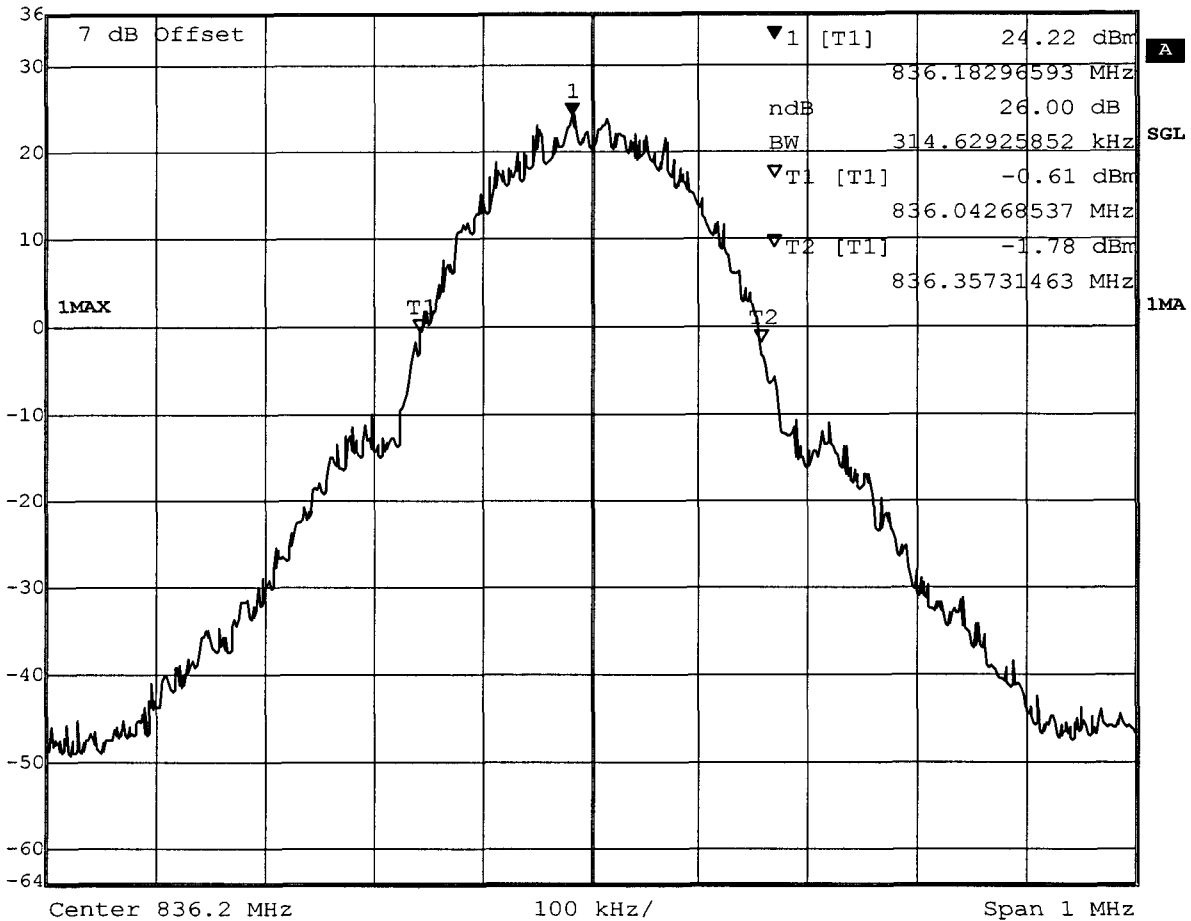


**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Walter  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 188  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



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



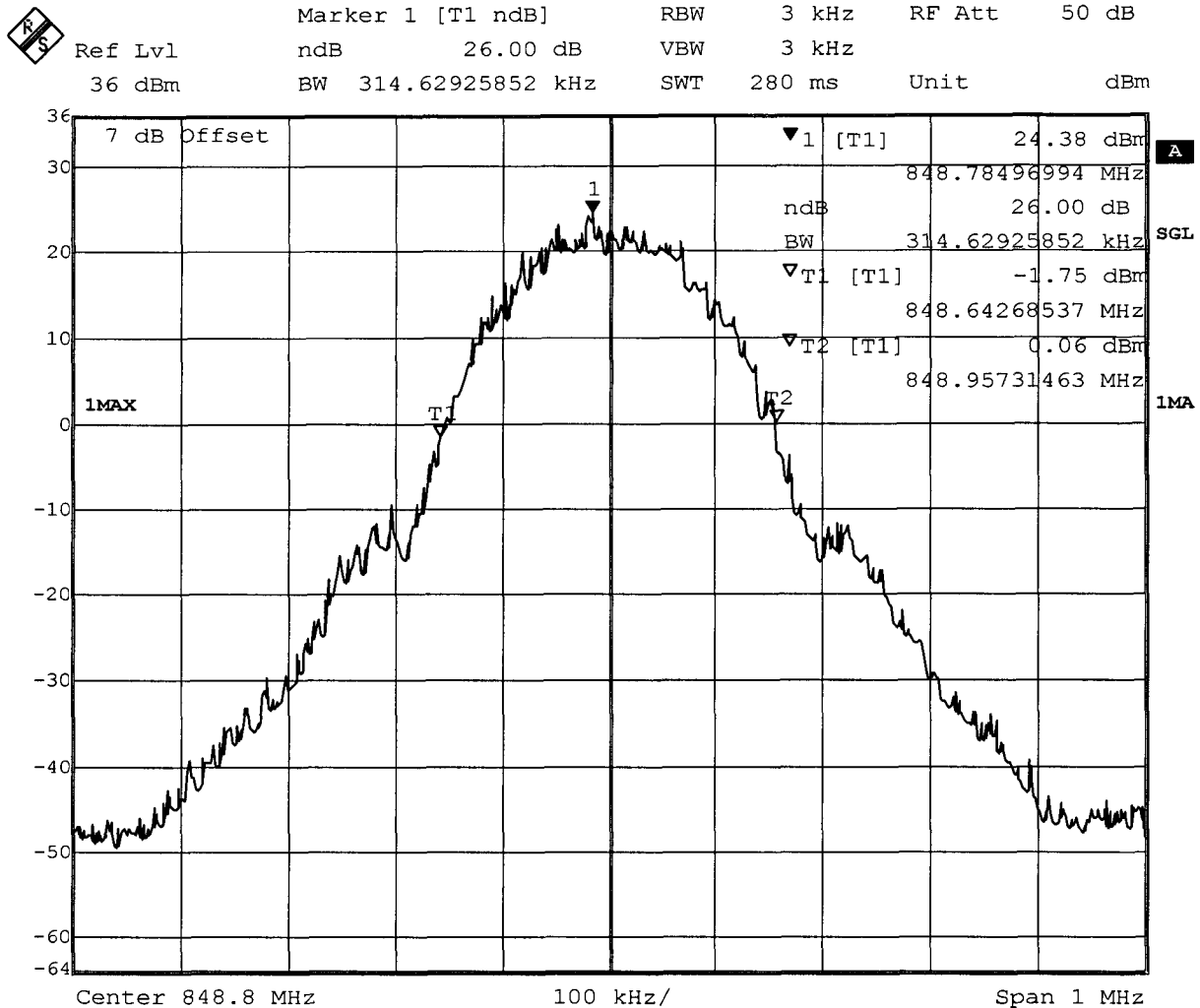
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Measurement diagram



**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
 Model PG - 1810  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Walter  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 251  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



Date: 14.MAR.2006 10:51:06

Measurement diagram



## Appendix H

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

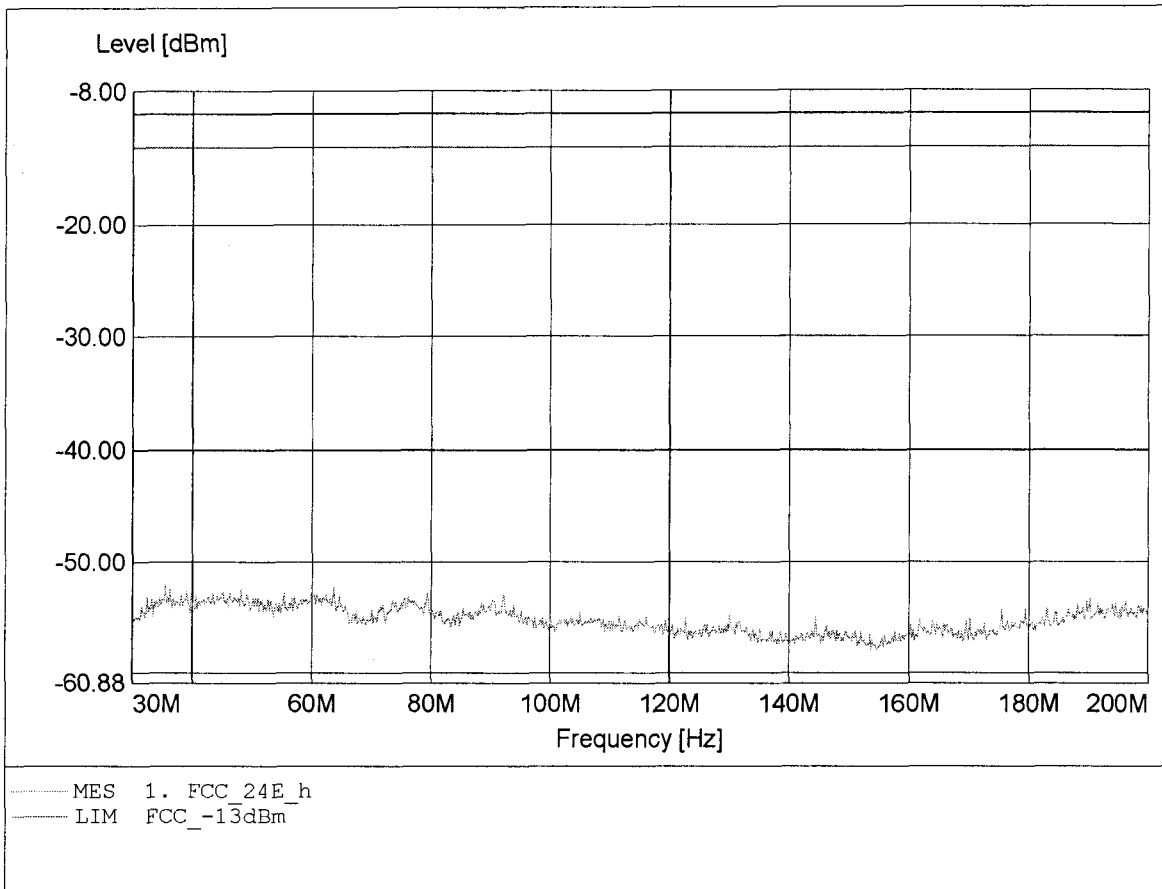


## Appendix I

Spurious Radiation

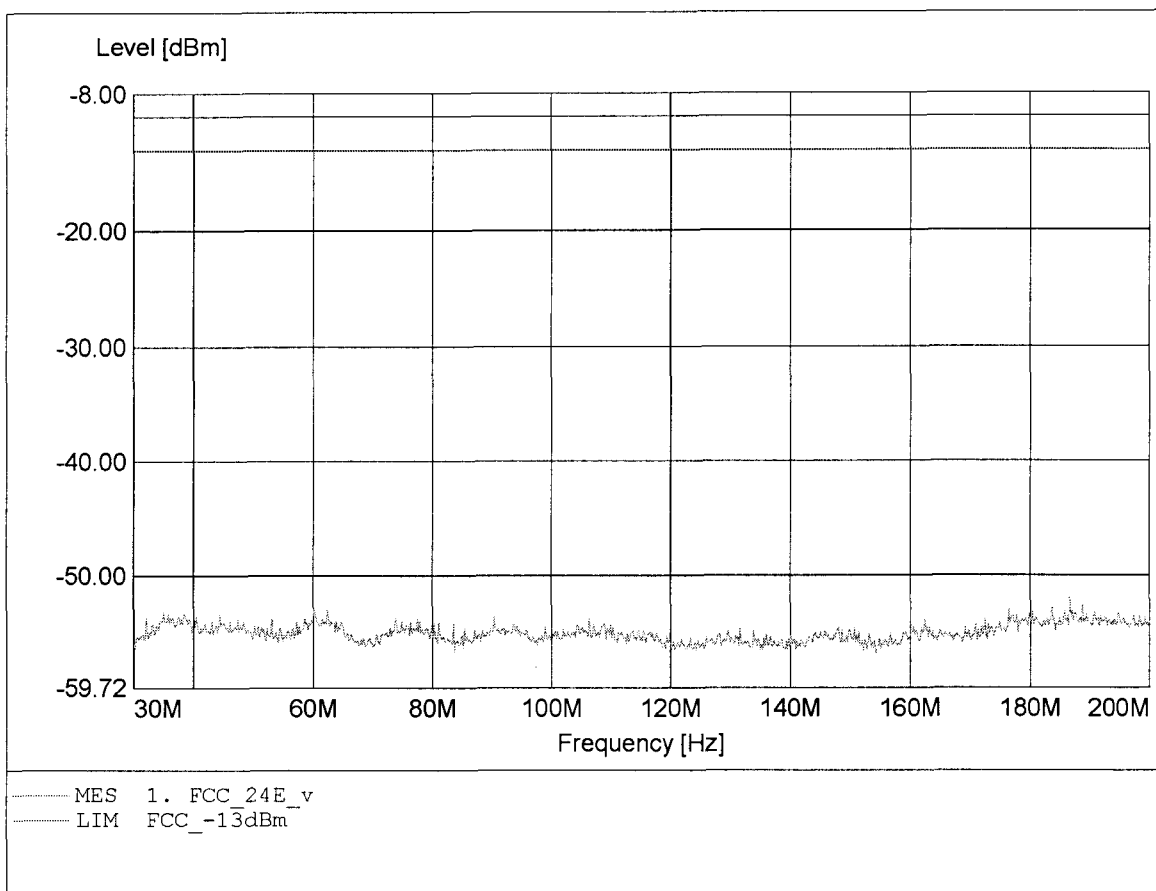
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 35.478MHz, Pmax: -52.05dBm, RBW: 1MHz



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

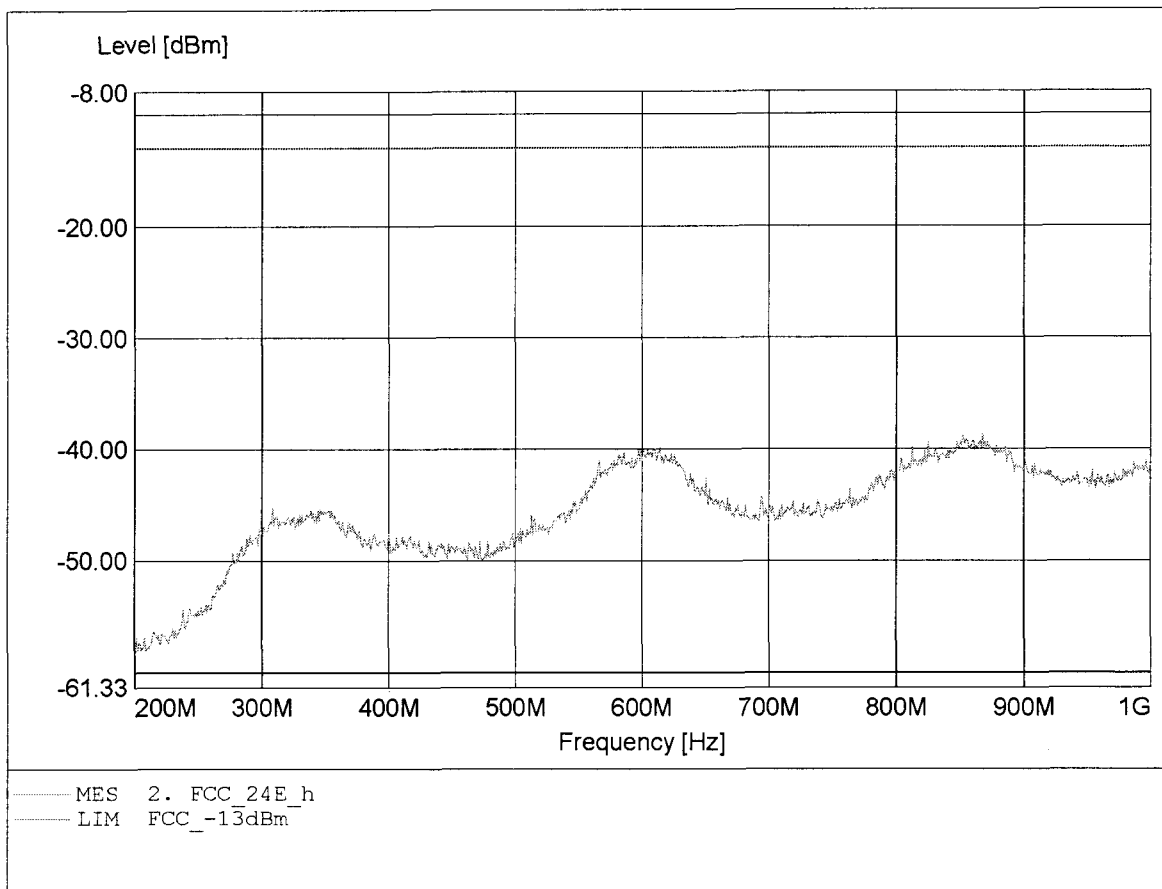
Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 186.589MHz, Pmax: -52.01dBm, RBW: 1MHz





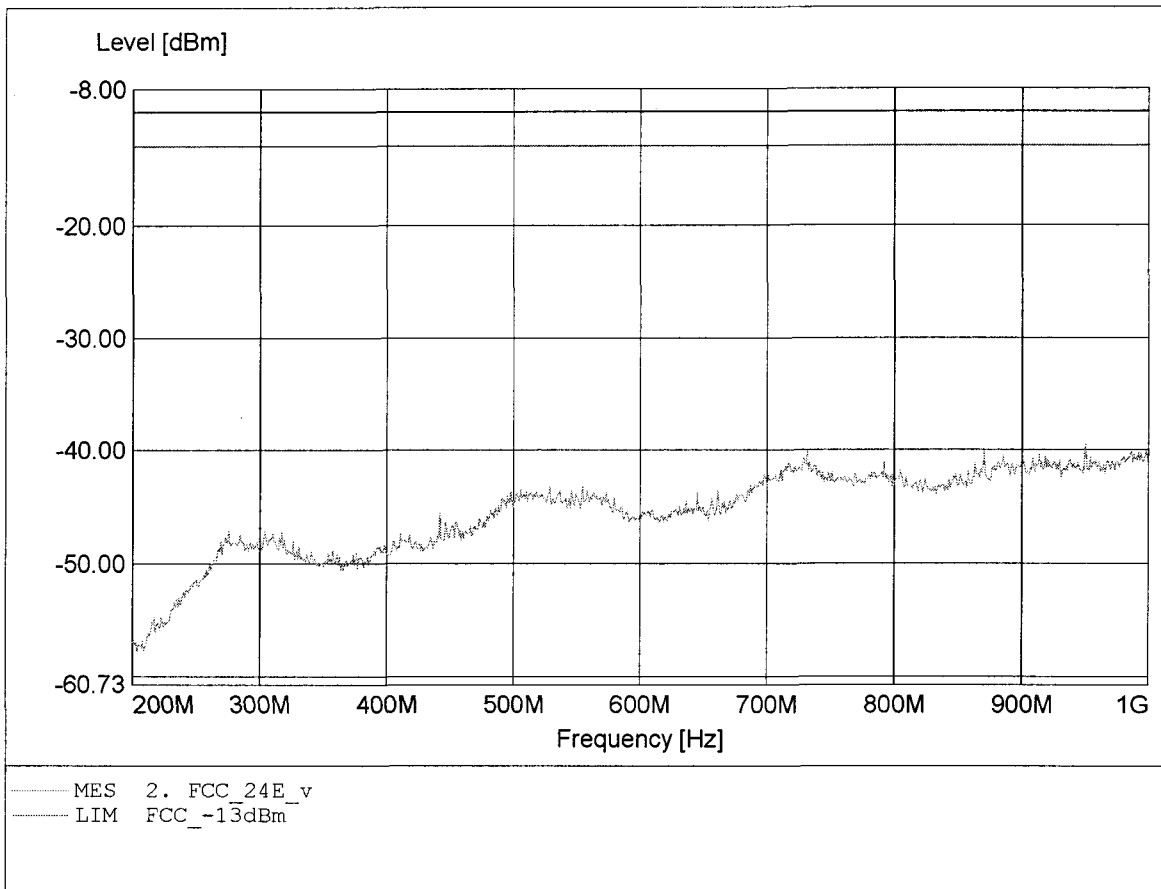
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 867.556MHz, Pmax: -38.66dBm, RBW: 1MHz



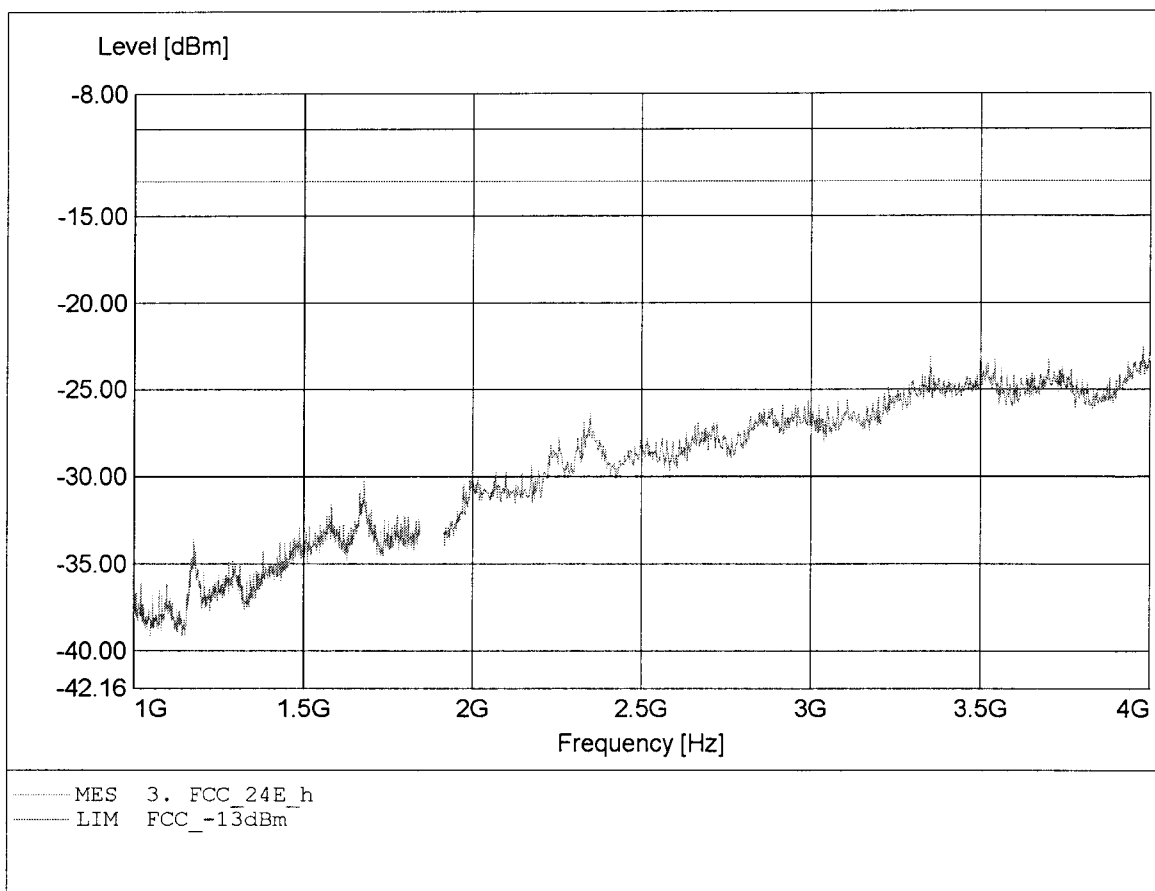
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 950.222MHz, Pmax: -39.51dBm, RBW: 1MHz



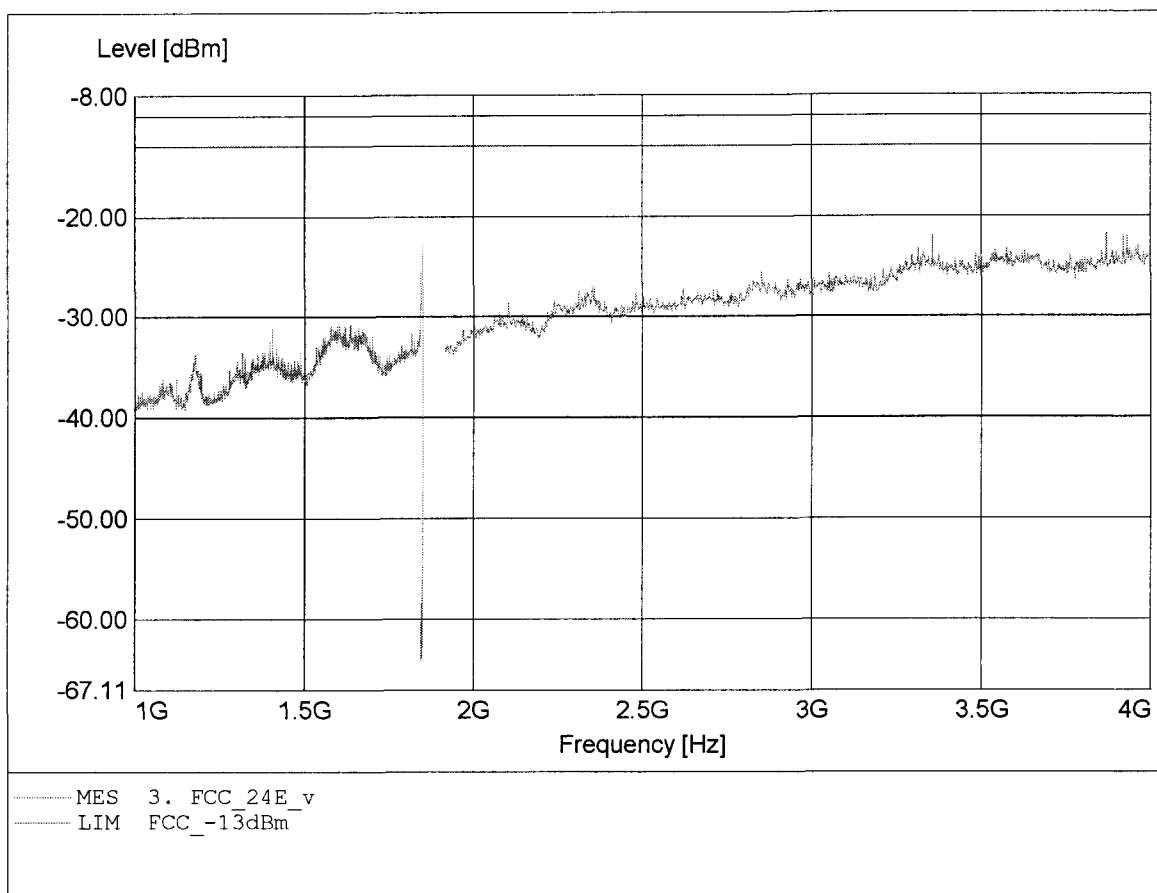
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.979GHz, Pmax: -22.47dBm, RBW: 1MHz/3kHz



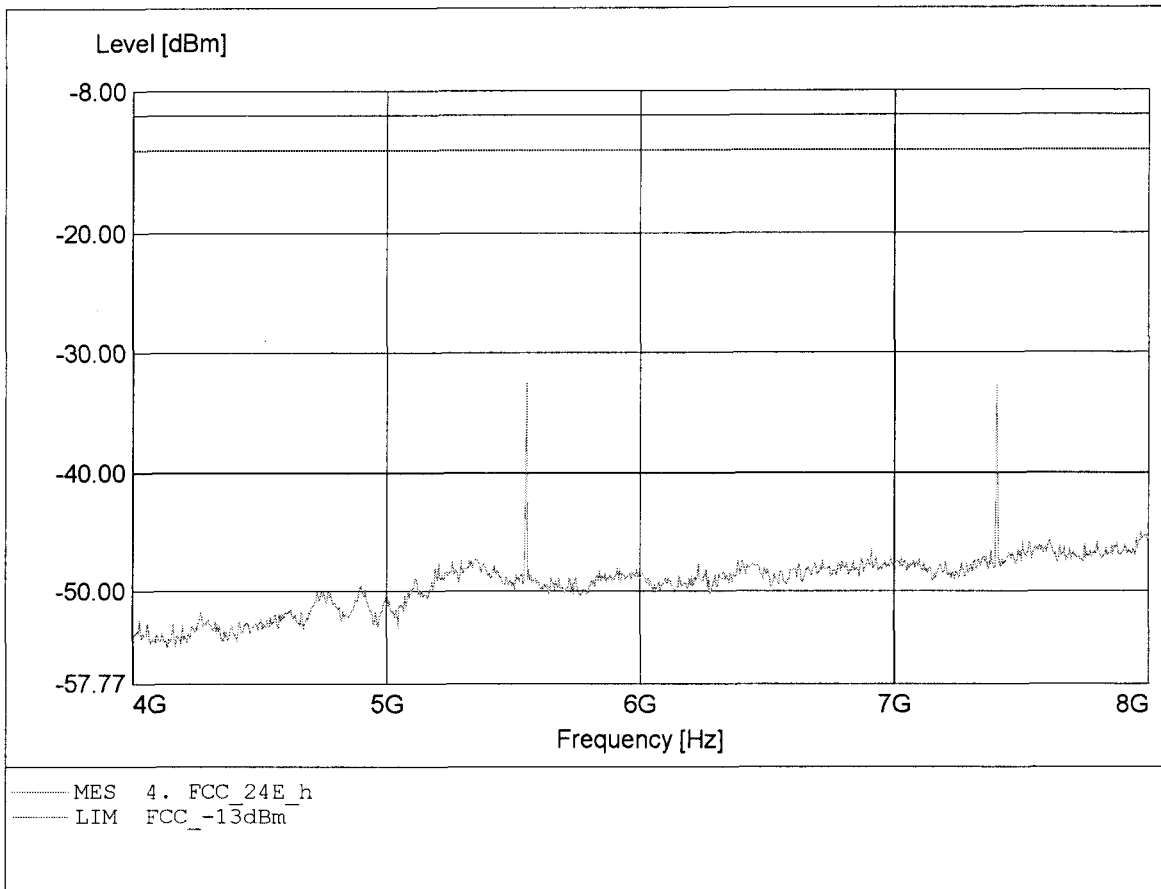
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.868GHz, Pmax: -21.68dBm, RBW: 1MHz/3kHz



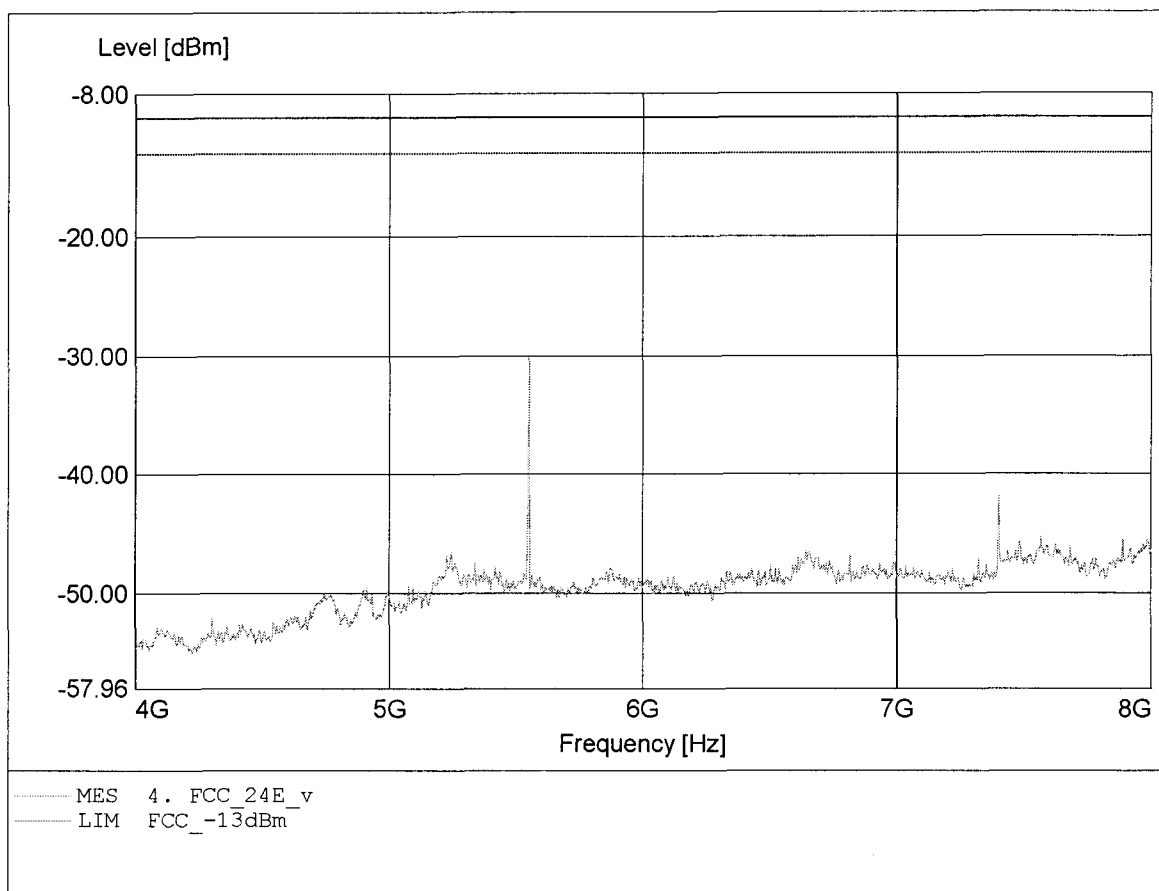
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.551GHz, Pmax: -32.48dBm, RBW: 1MHz



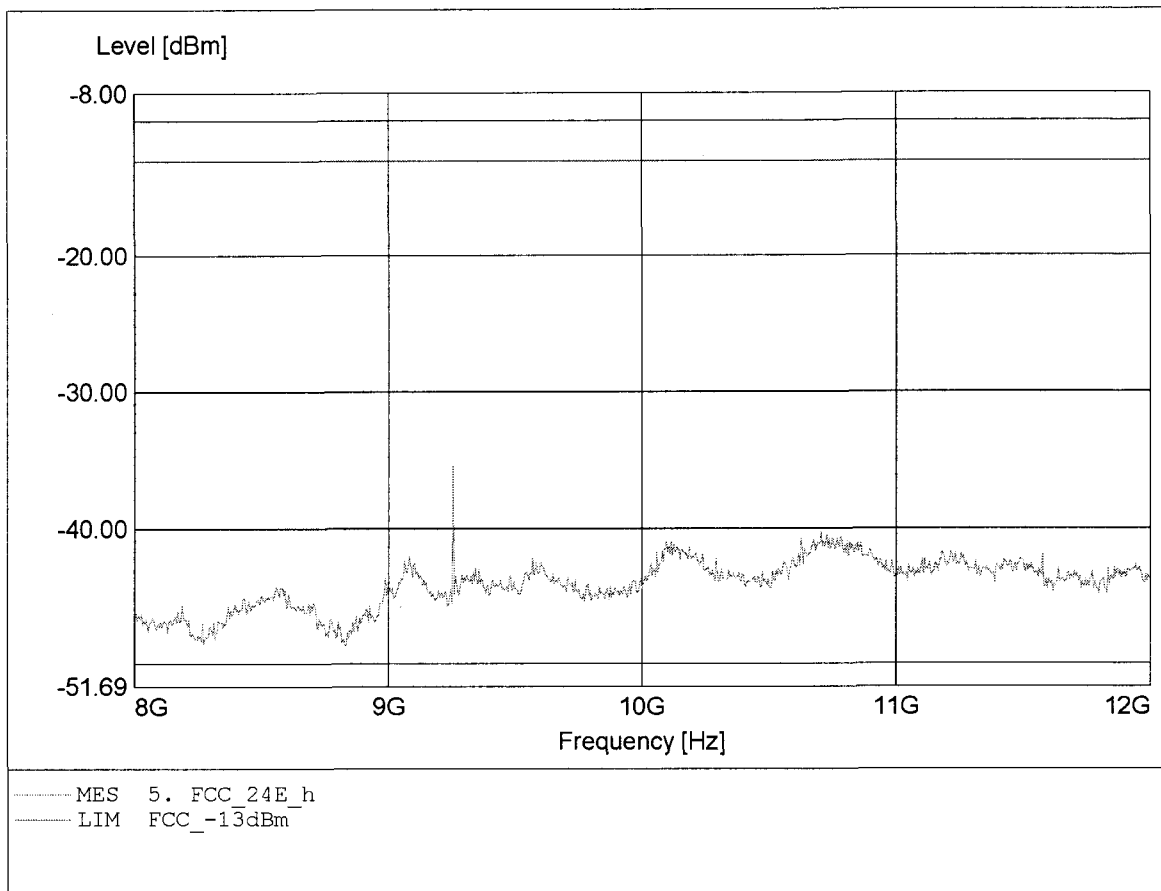
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.551GHz, Pmax: -30.01dBm, RBW: 1MHz



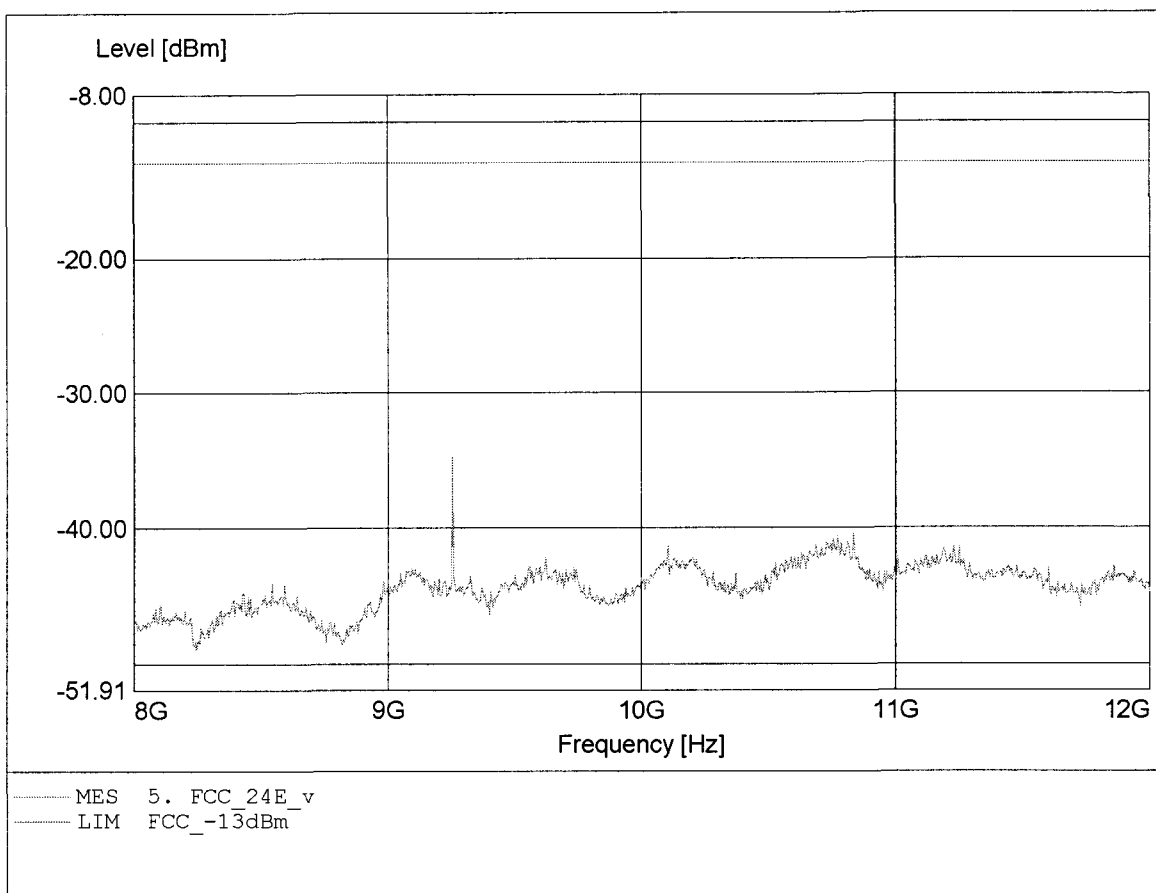
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.253GHz, Pmax: -35.38dBm, RBW: 1MHz



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

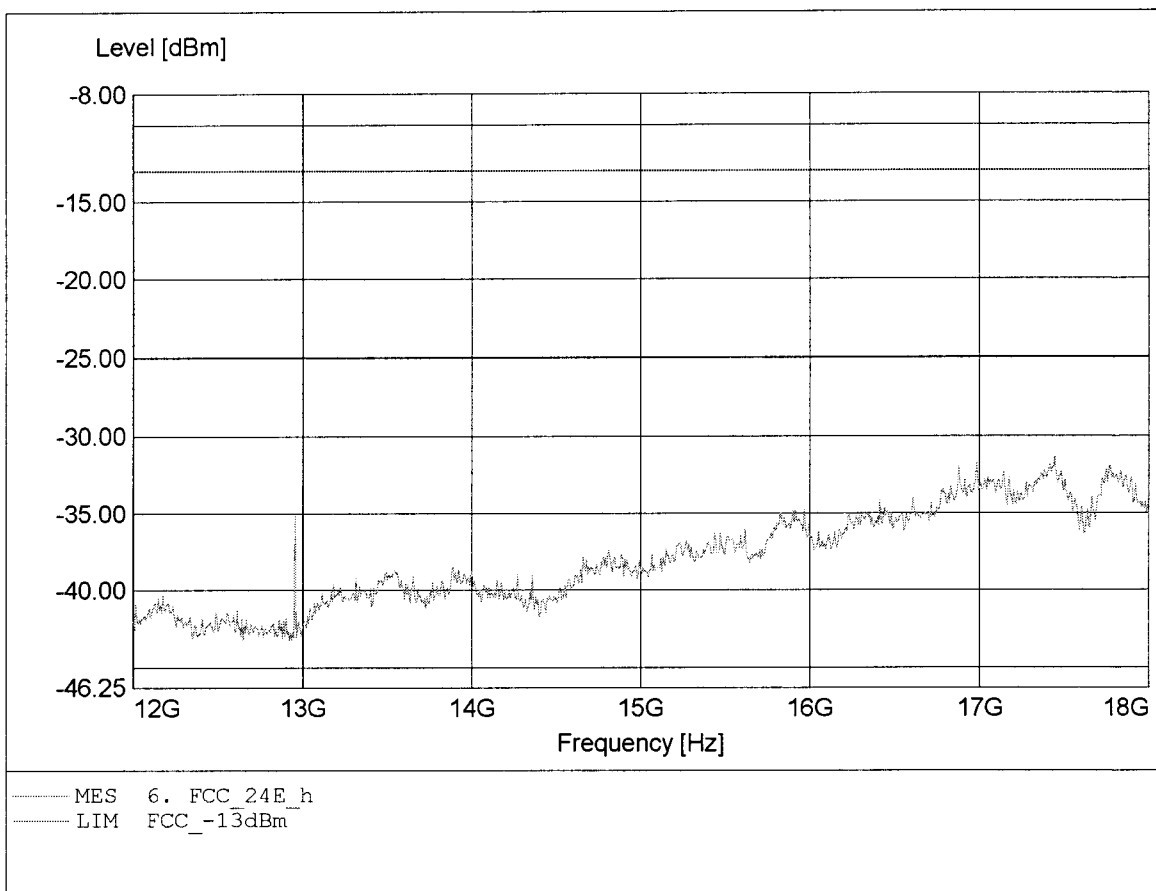
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Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.253GHz, Pmax: -34.73dBm, RBW: 1MHz





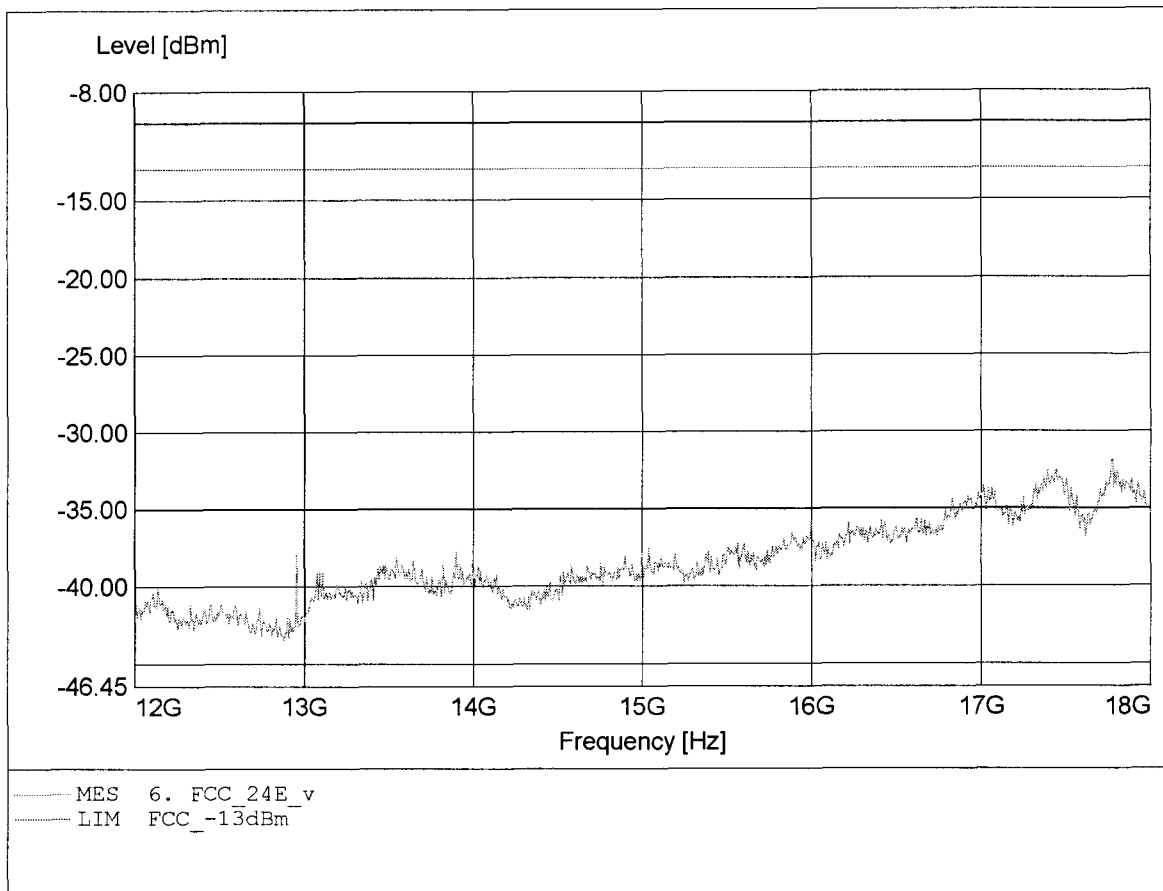
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.440GHz, Pmax: -31.36dBm, RBW: 1MHz



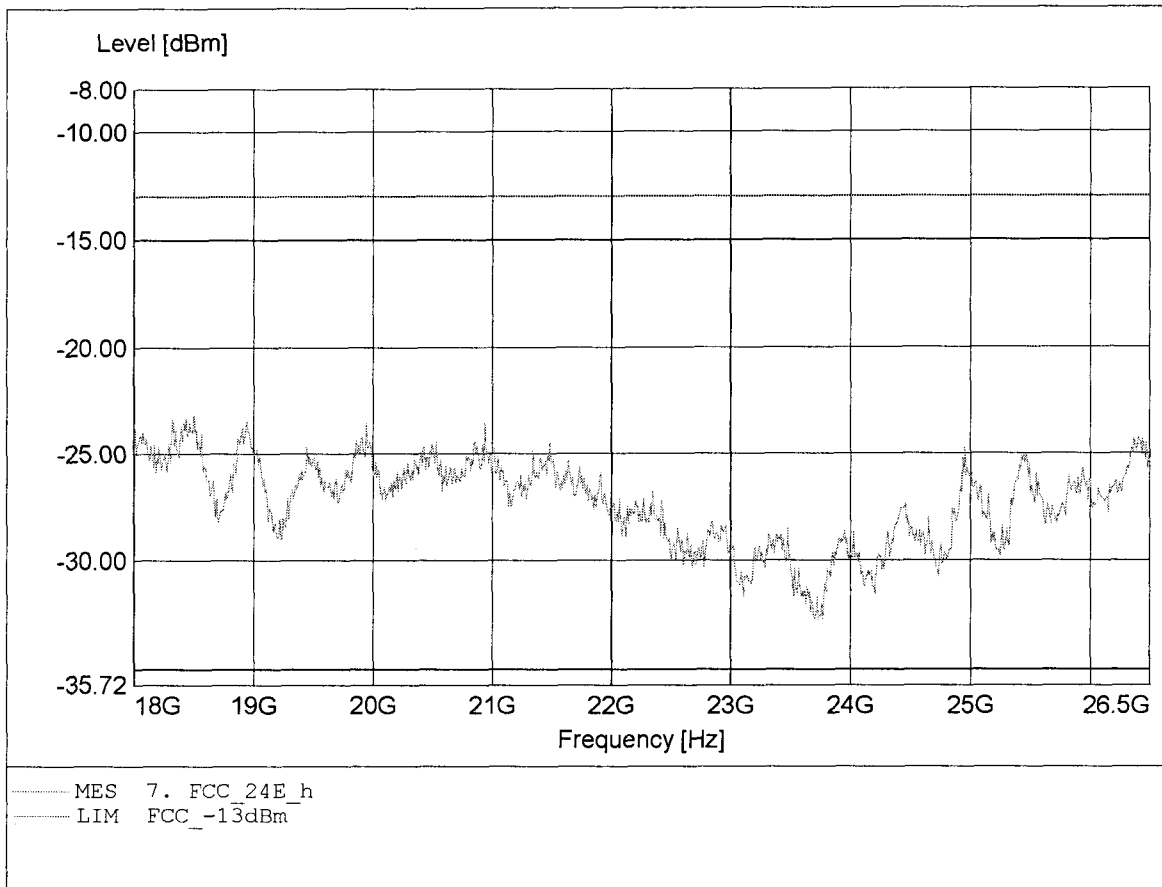
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.773GHz, Pmax: -31.87dBm, RBW: 1MHz



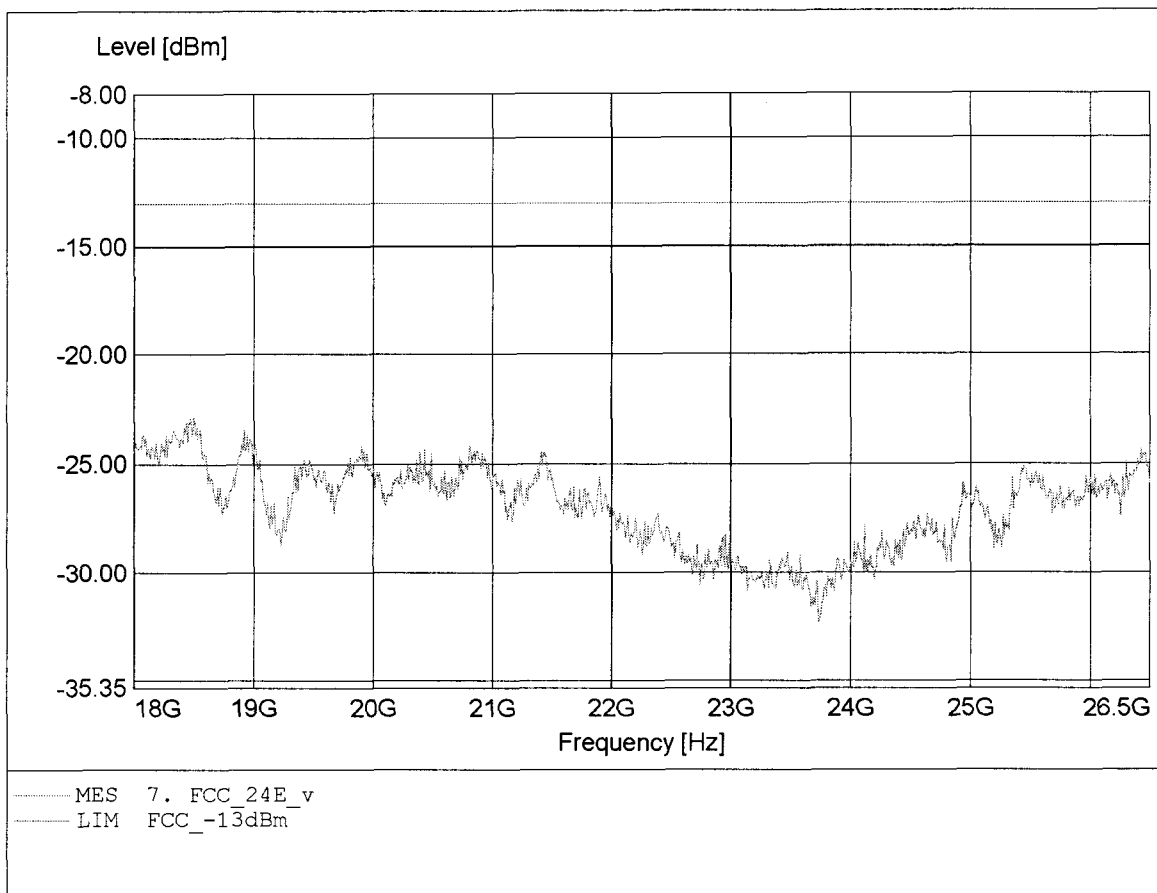
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.501GHz, Pmax: -23.19dBm, RBW: 1MHz



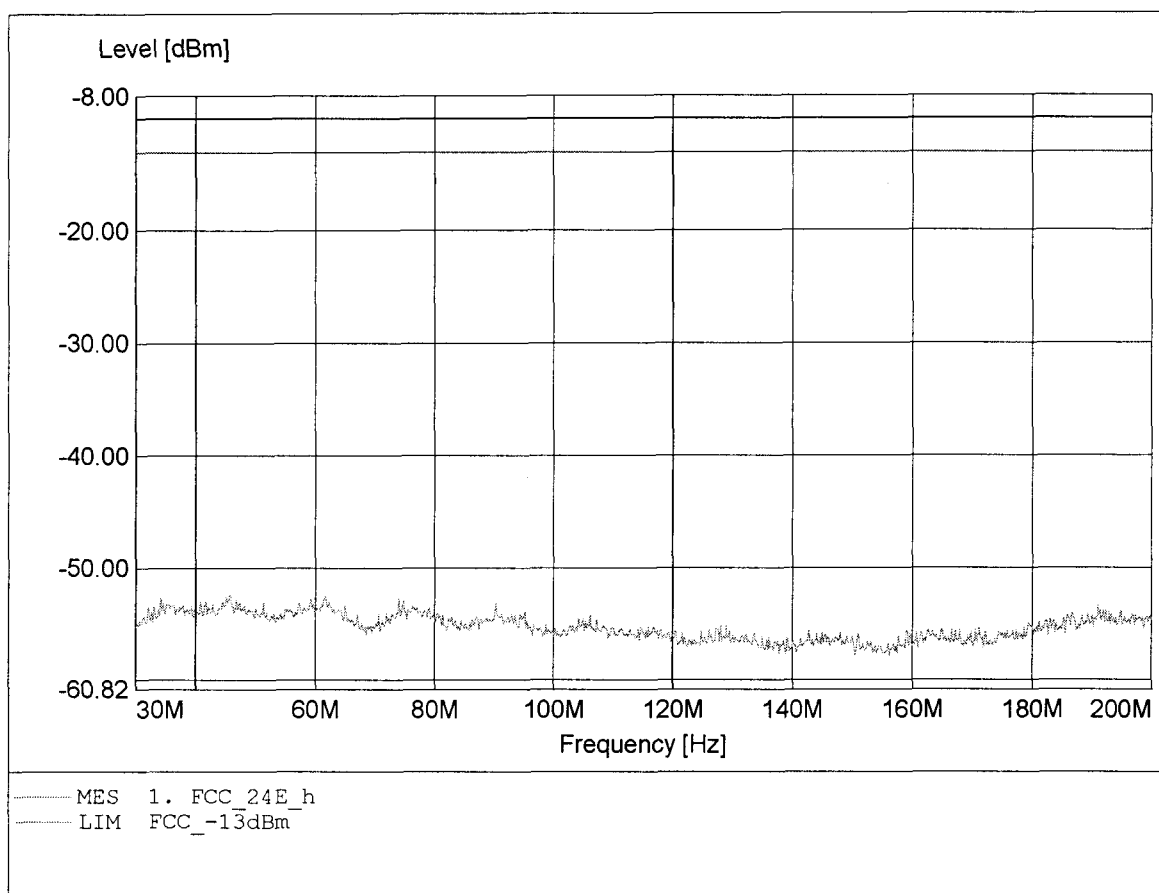
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 512  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.501GHz, Pmax: -22.84dBm, RBW: 1MHz



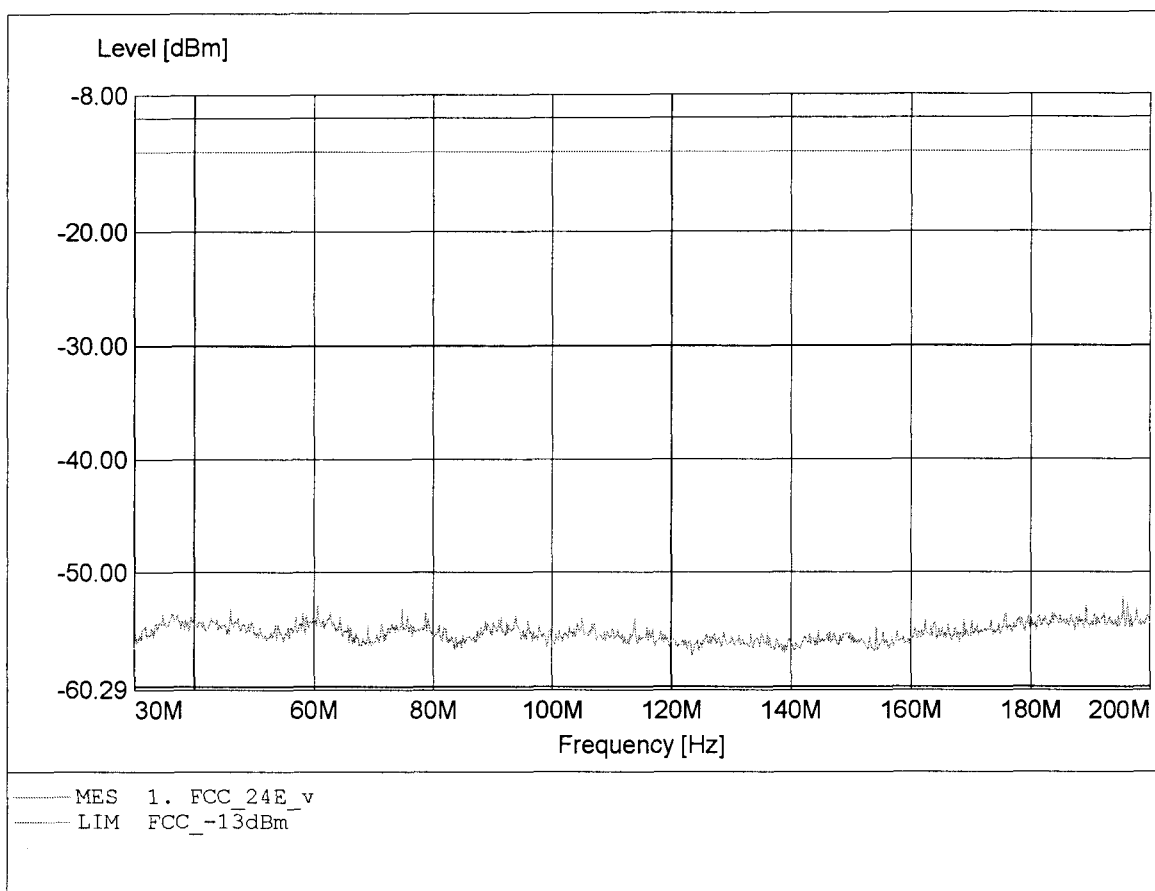
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 45.678MHz, Pmax: -52.40dBm, RBW: 1MHz



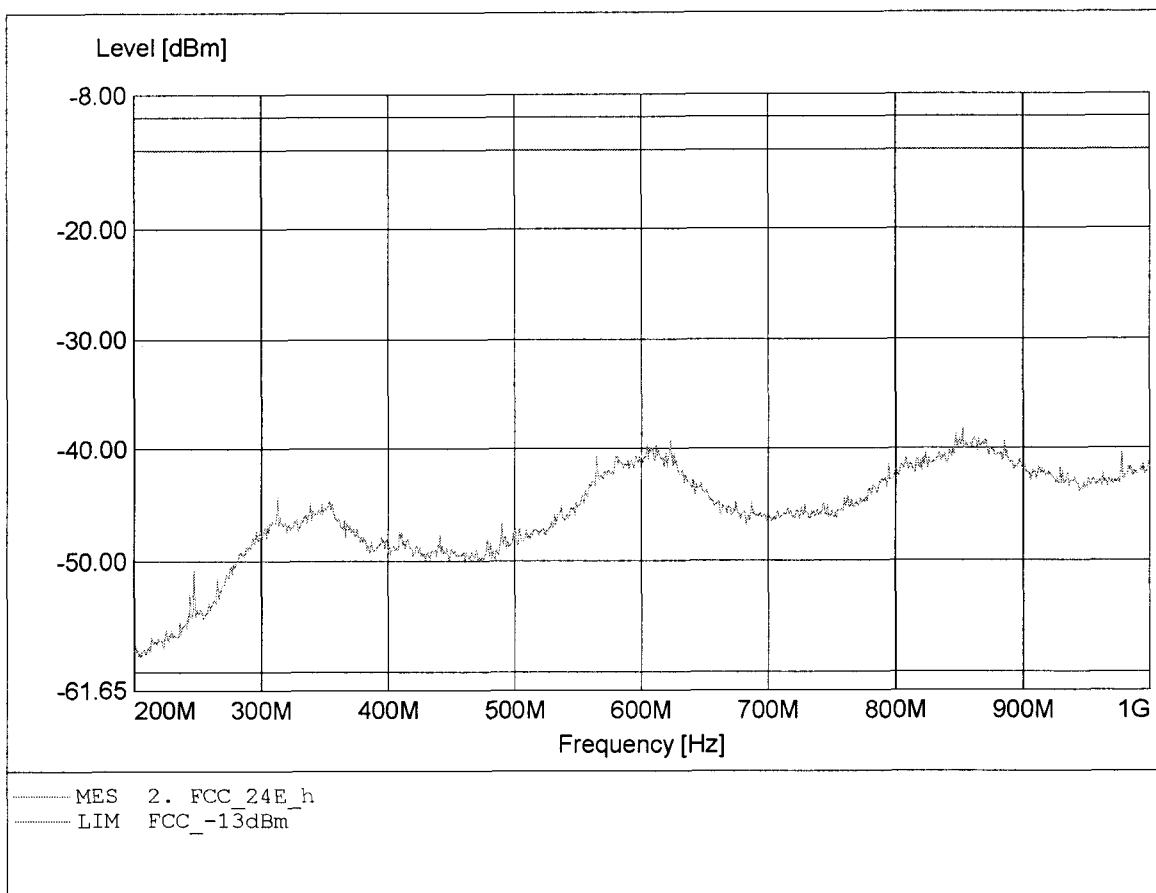
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 195.467MHz, Pmax: -51.99dBm, RBW: 1MHz



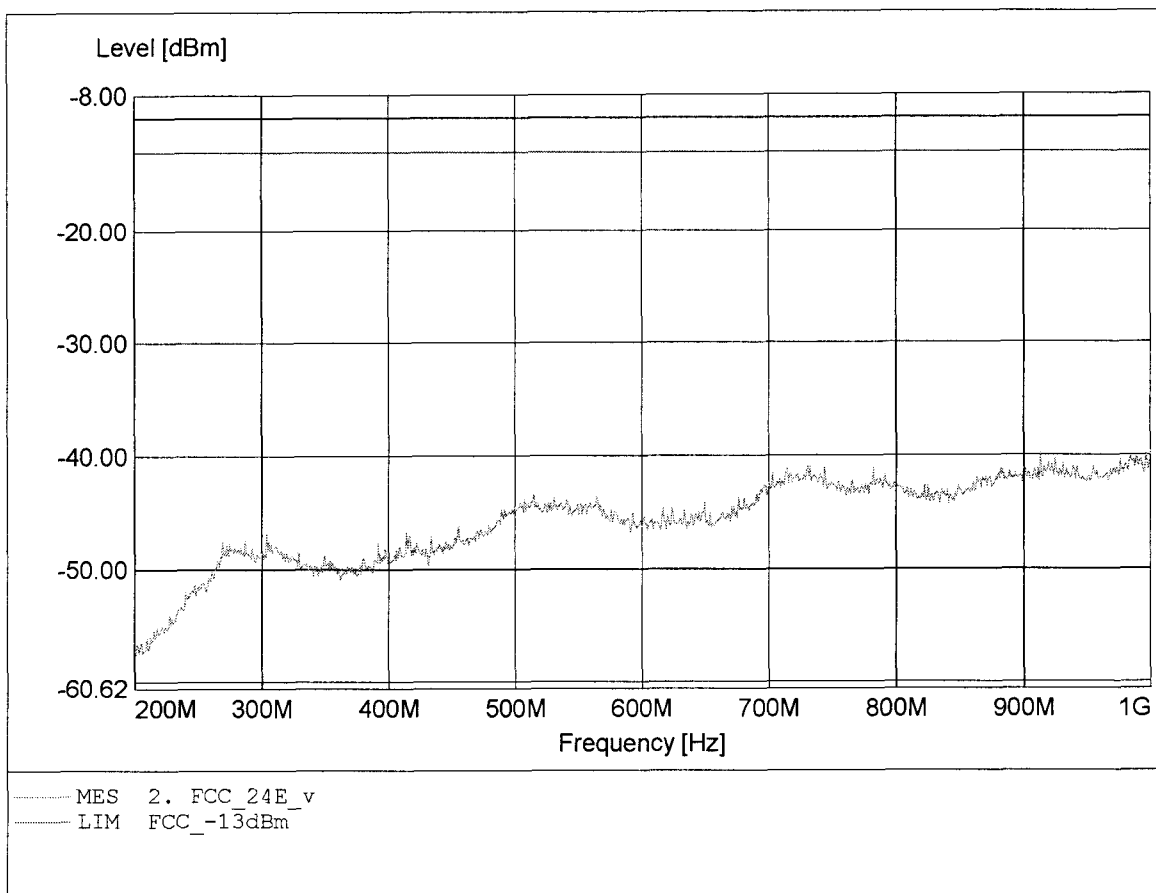
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 852.444MHz, Pmax: -38.17dBm, RBW: 1MHz



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

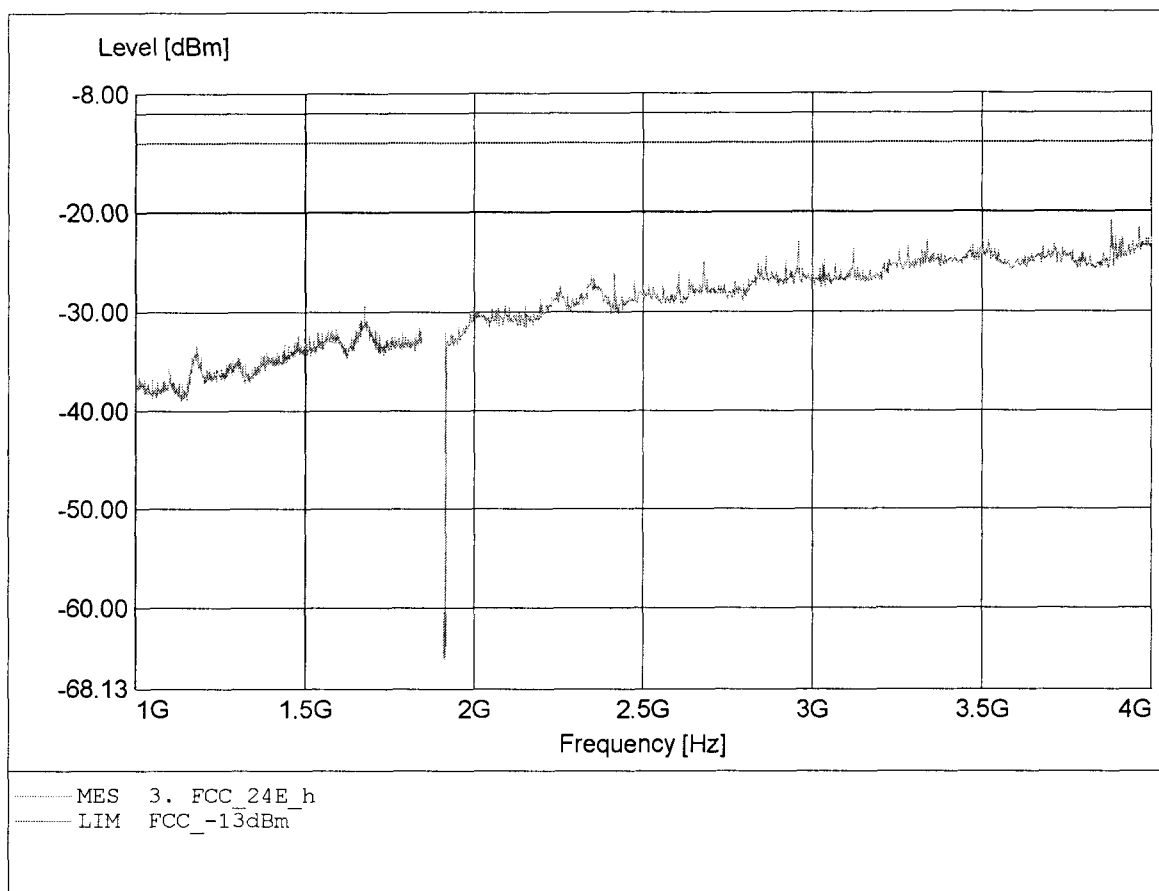
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EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 1000.000MHz, Pmax: -39.62dBm, RBW: 1MHz





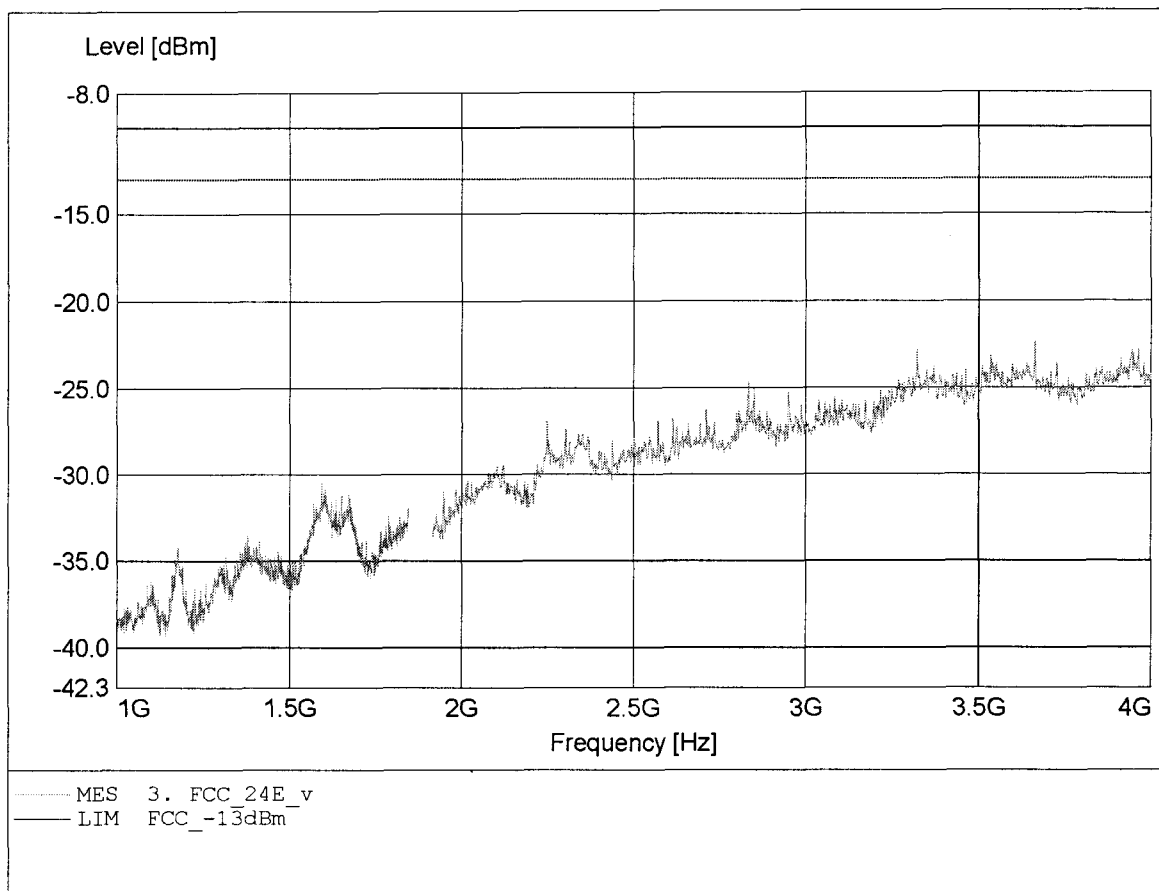
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.880GHz, Pmax: -20.97dBm, RBW: 1MHz/3kHz



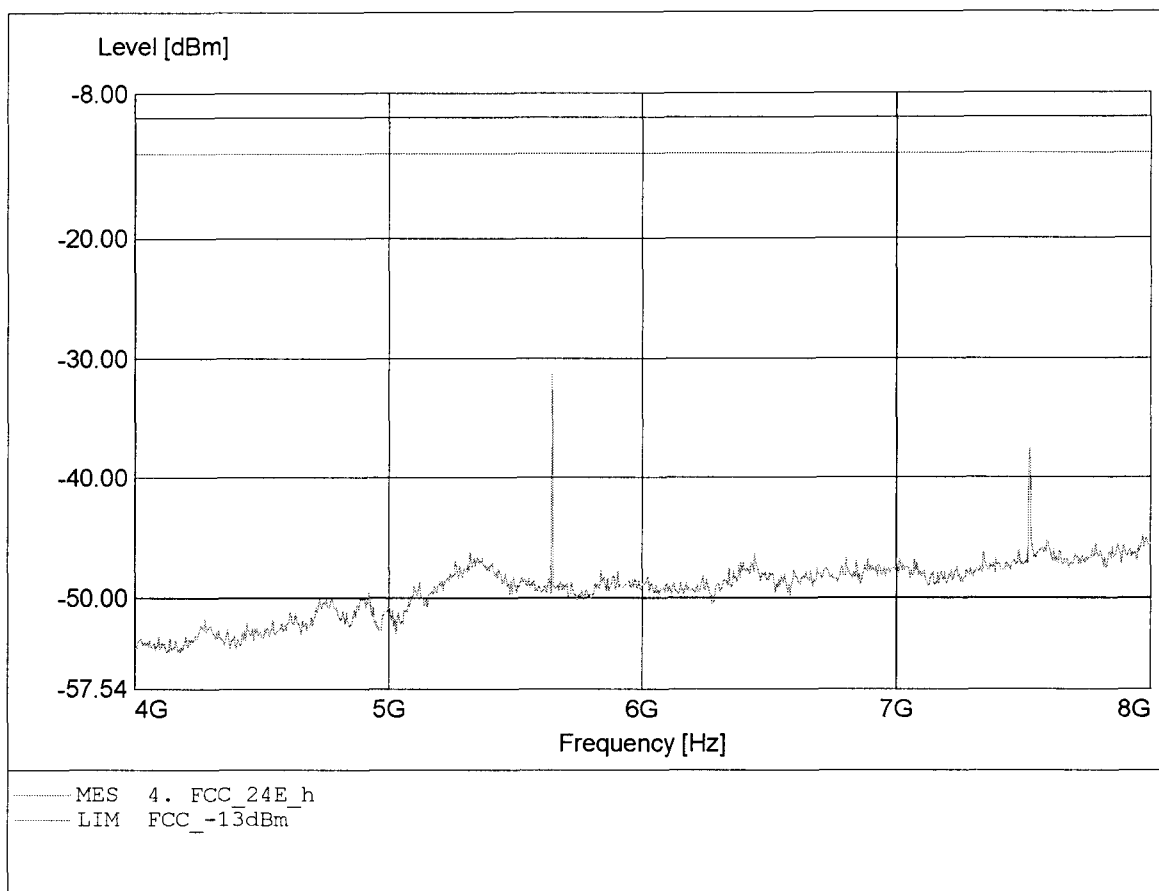
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.662GHz, Pmax: -22.33dBm, RBW: 1MHz/3kHz



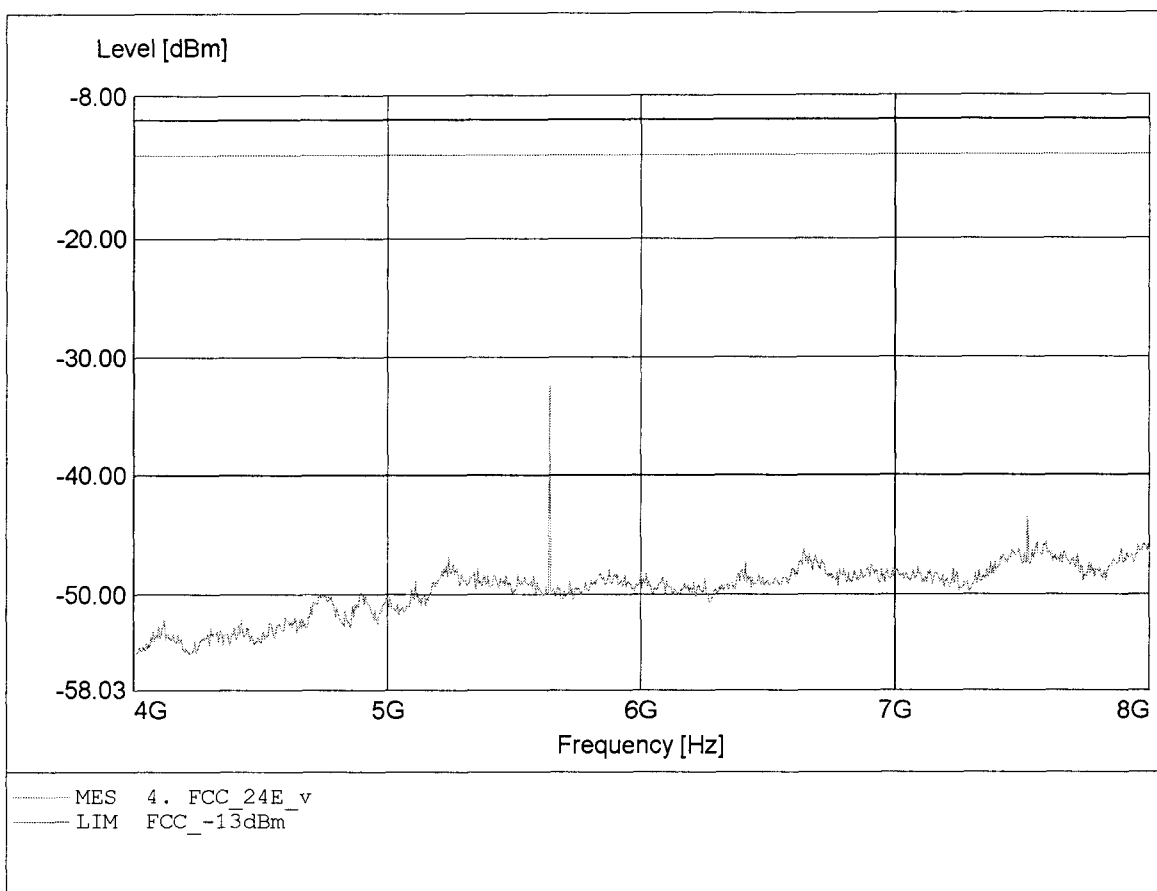
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.644GHz, Pmax: -31.26dBm, RBW: 1MHz



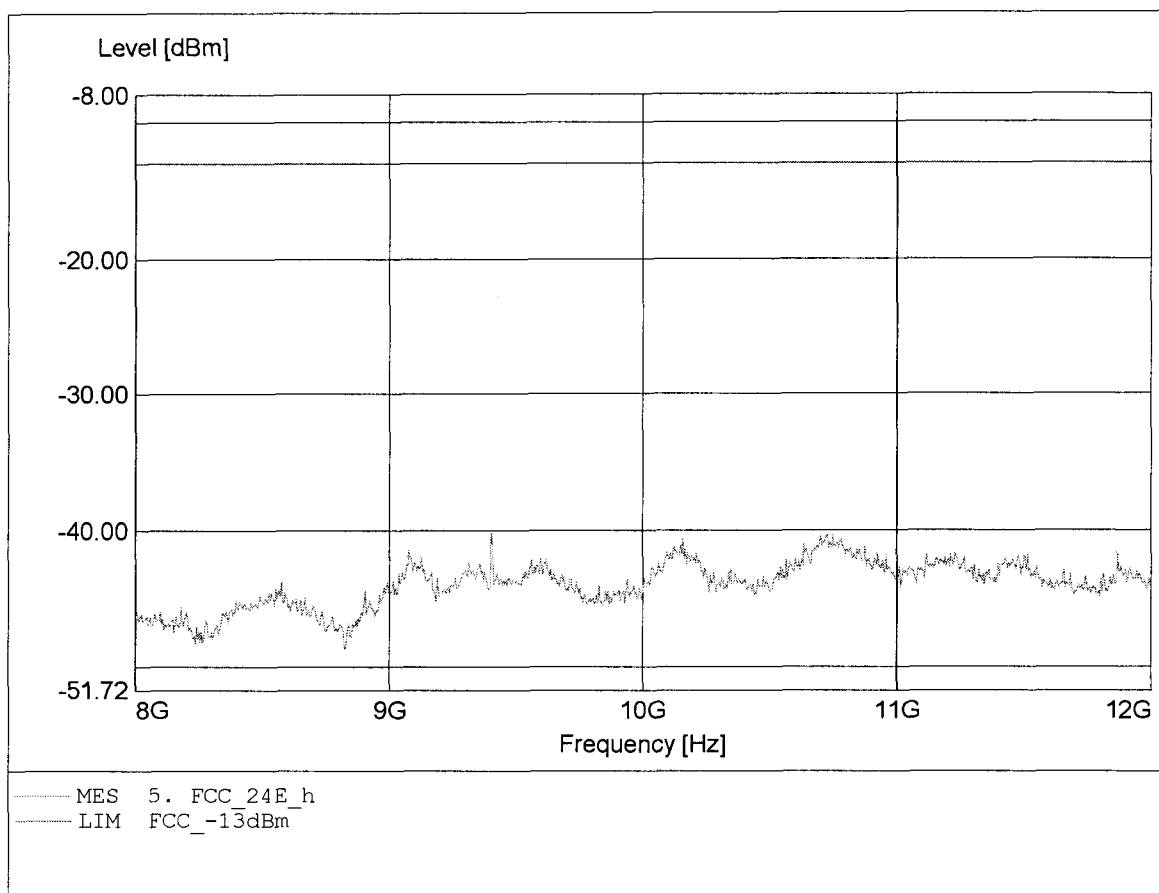
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.640GHz, Pmax: -32.43dBm, RBW: 1MHz



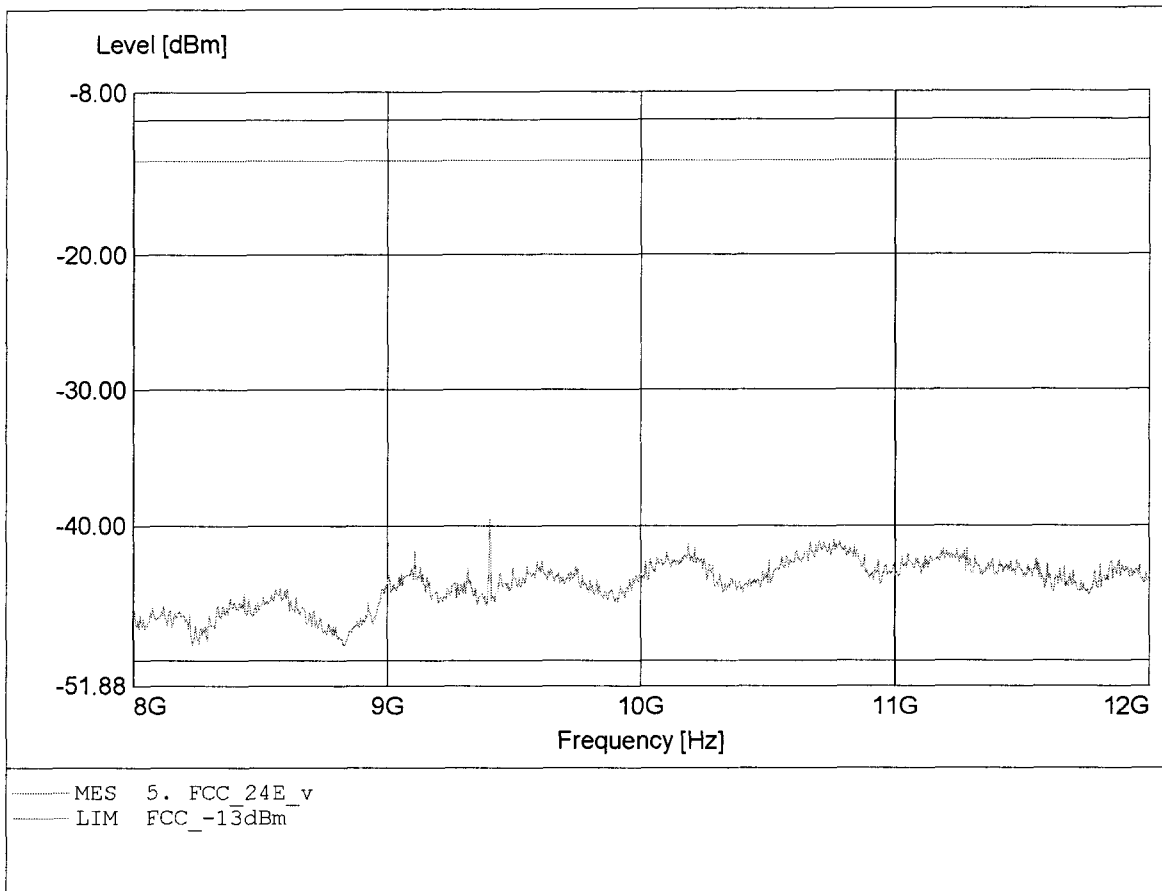
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.404GHz, Pmax: -40.05dBm, RBW: 1MHz



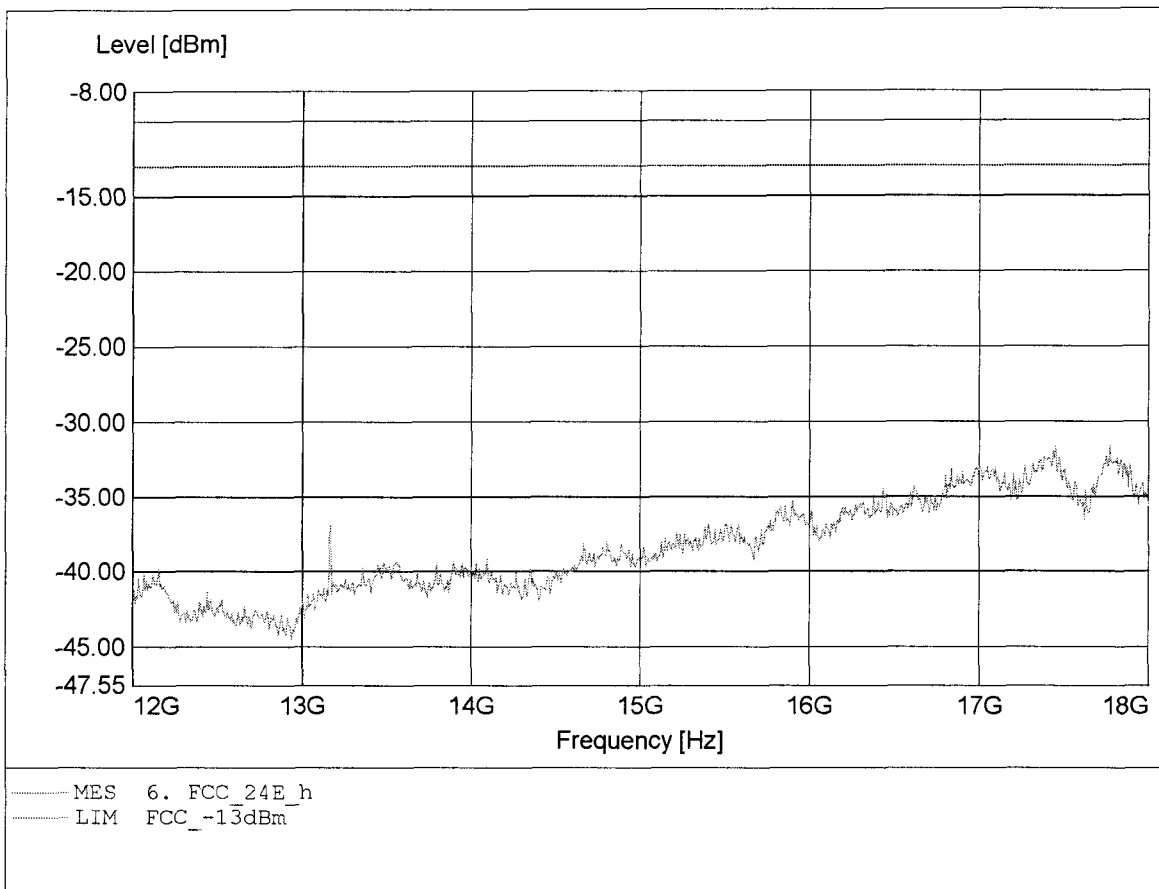
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.404GHz, Pmax: -39.56dBm, RBW: 1MHz



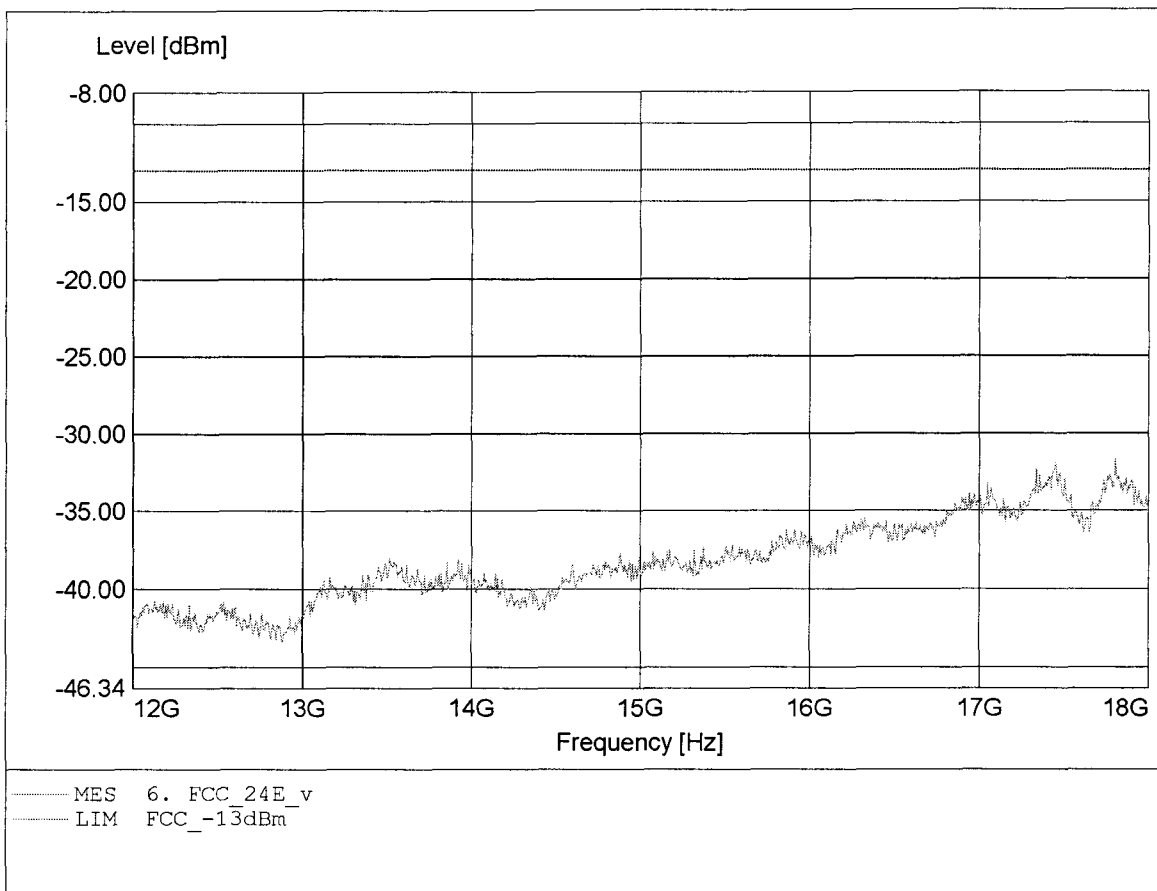
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.767GHz, Pmax: -31.63dBm, RBW: 1MHz



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

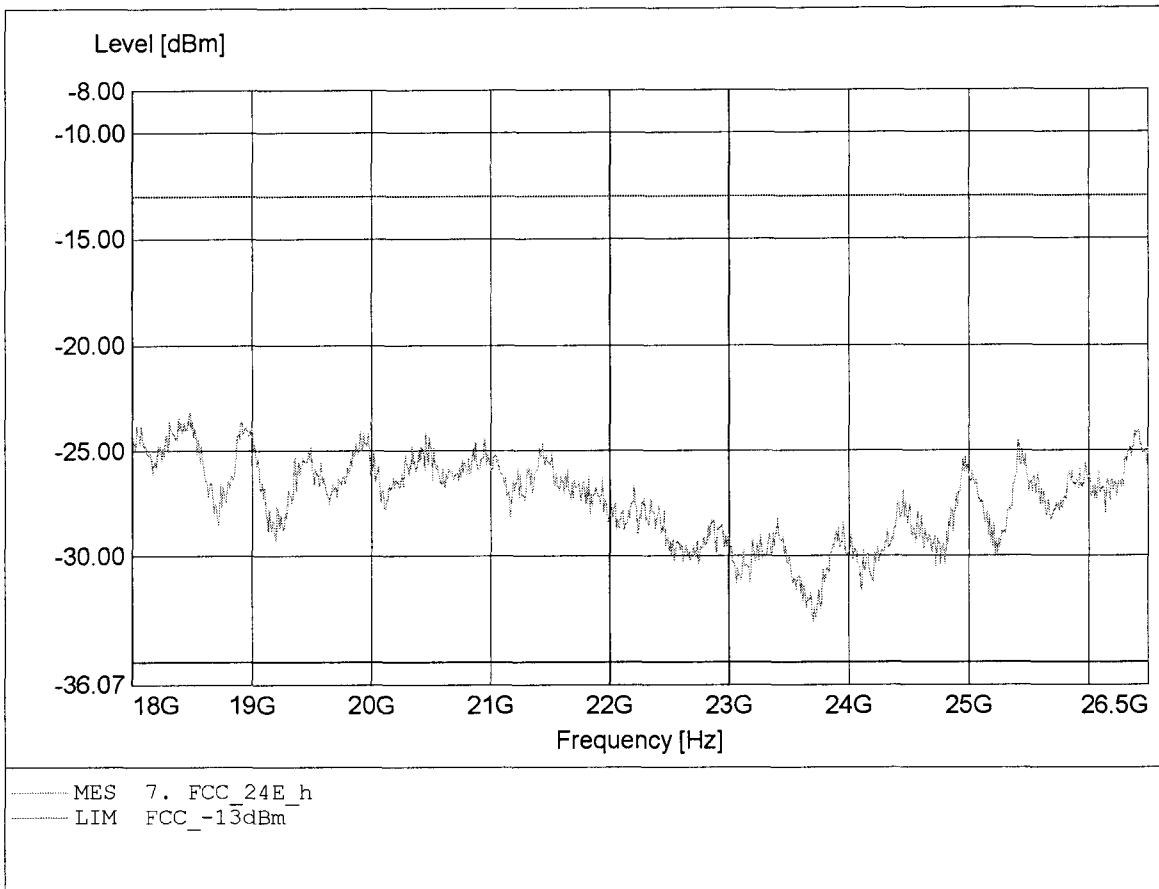
Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.800GHz, Pmax: -31.67dBm, RBW: 1MHz





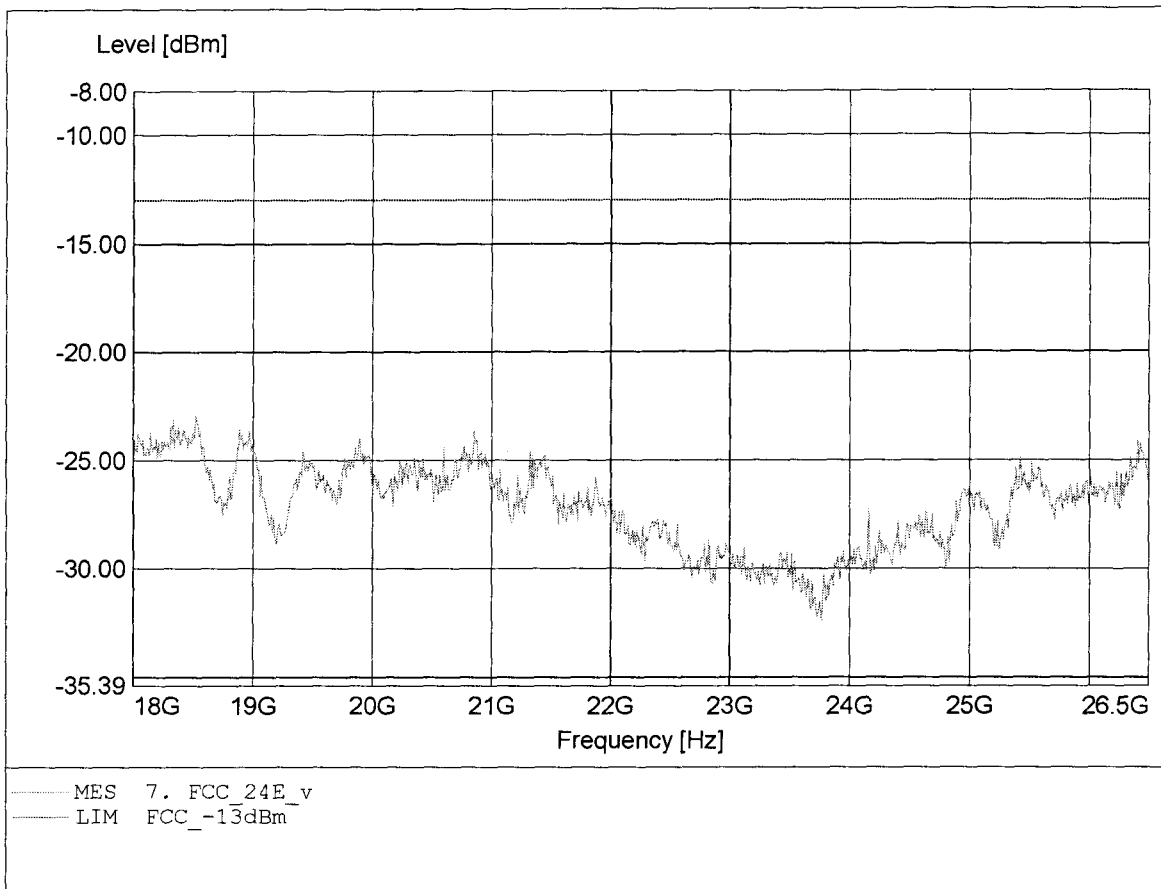
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.482GHz, Pmax: -23.18dBm, RBW: 1MHz



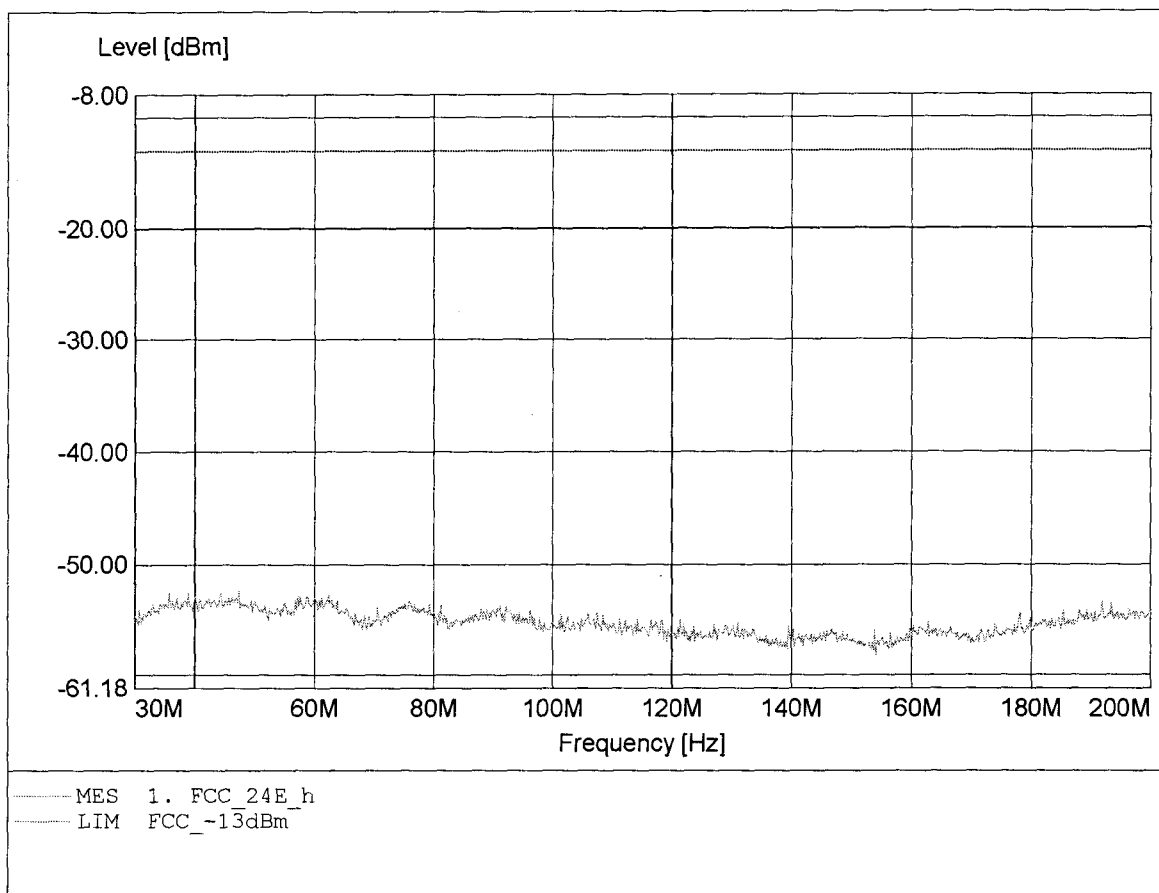
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 661  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.519GHz, Pmax: -22.98dBm, RBW: 1MHz



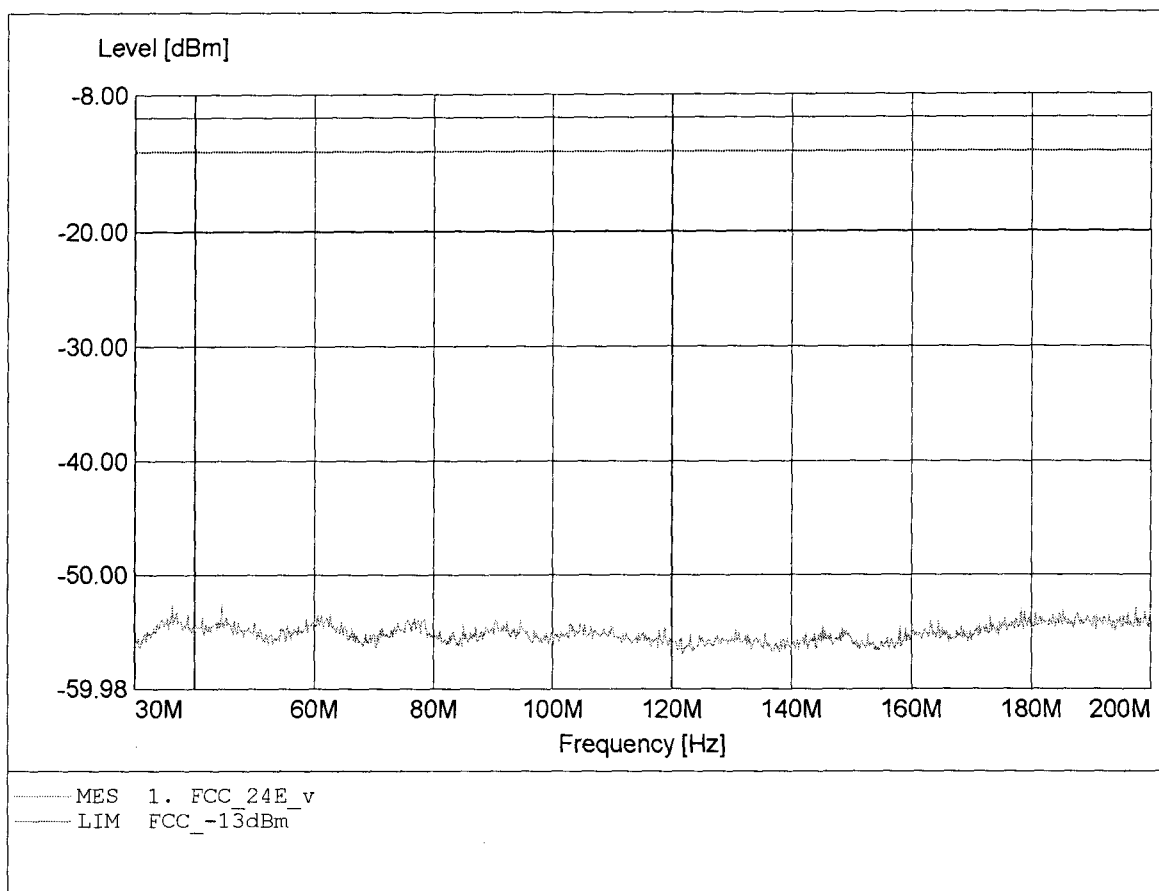
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 47.378MHz, Pmax: -52.38dBm, RBW: 1MHz



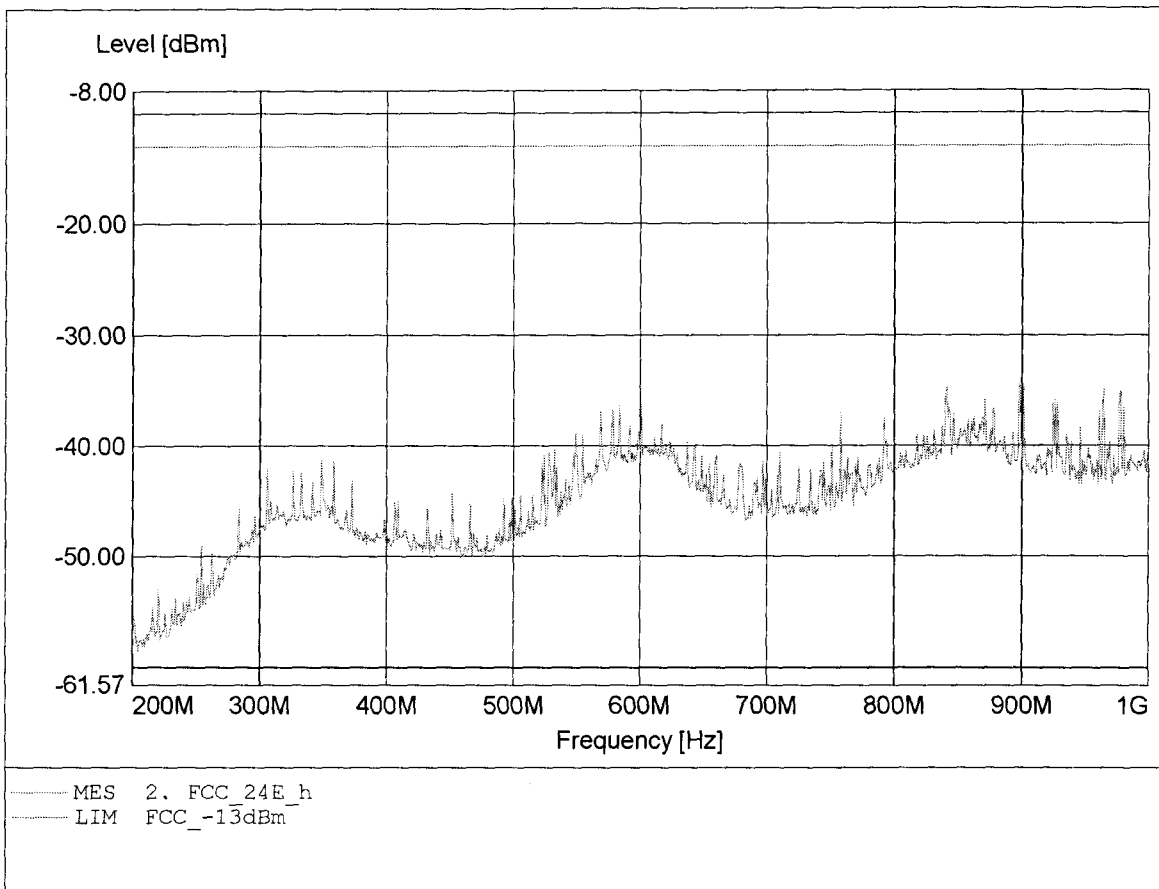
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 44.544MHz, Pmax: -52.59dBm, RBW: 1MHz



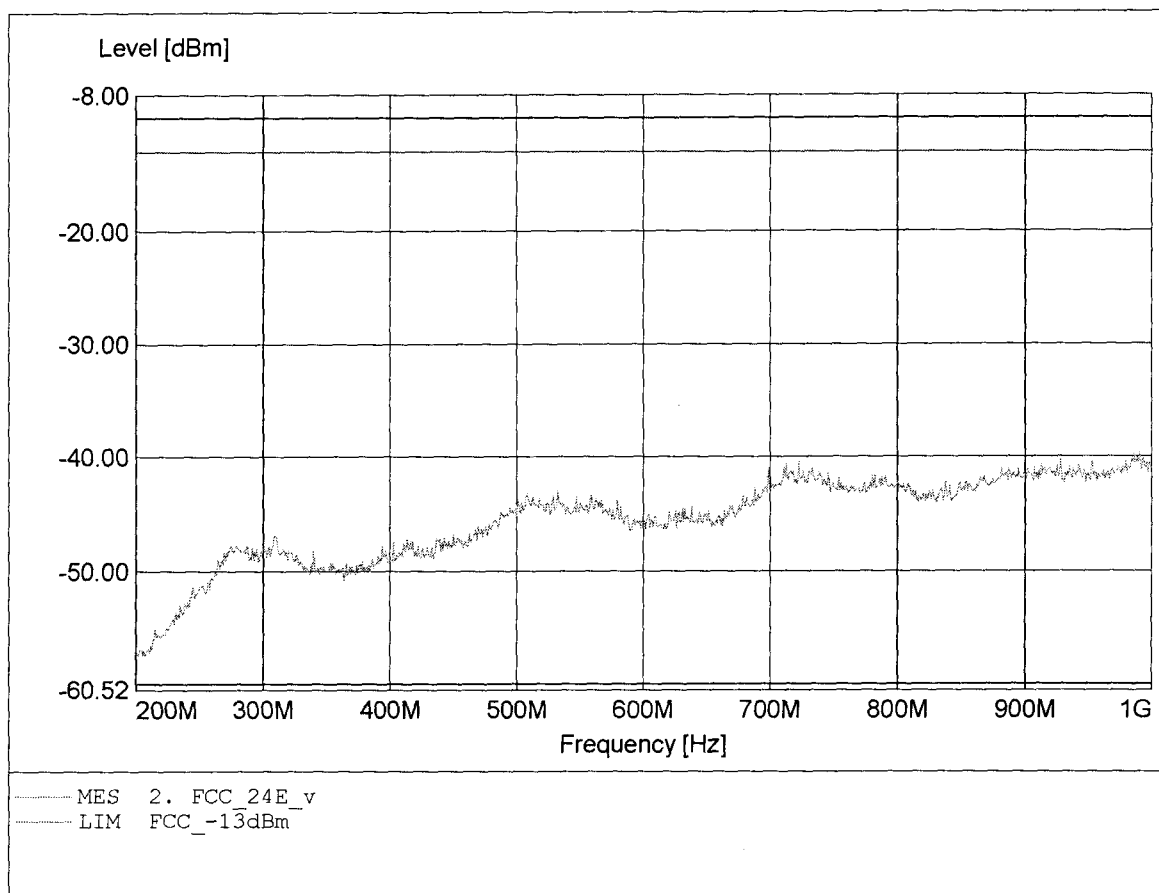
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 897.778MHz, Pmax: -34.45dBm, RBW: 1MHz



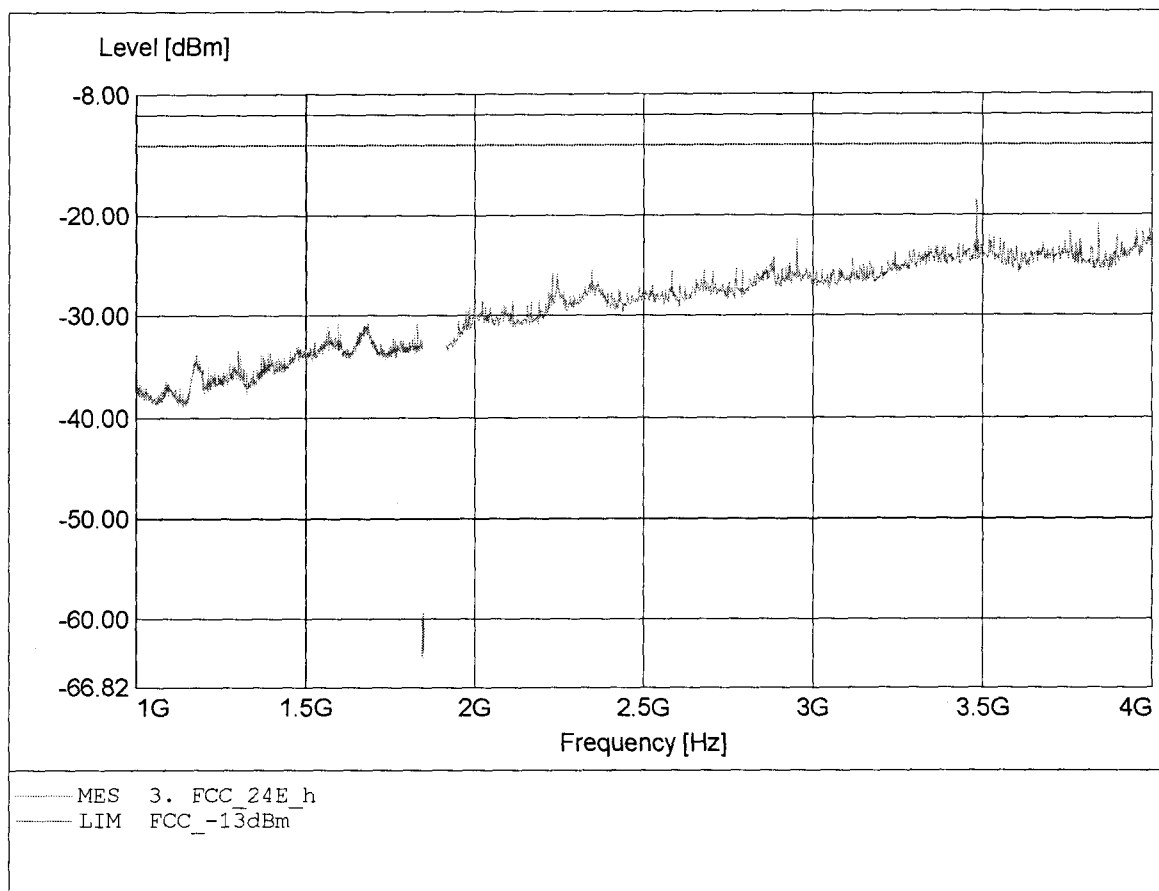
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 990.222MHz, Pmax: -39.71dBm, RBW: 1MHz



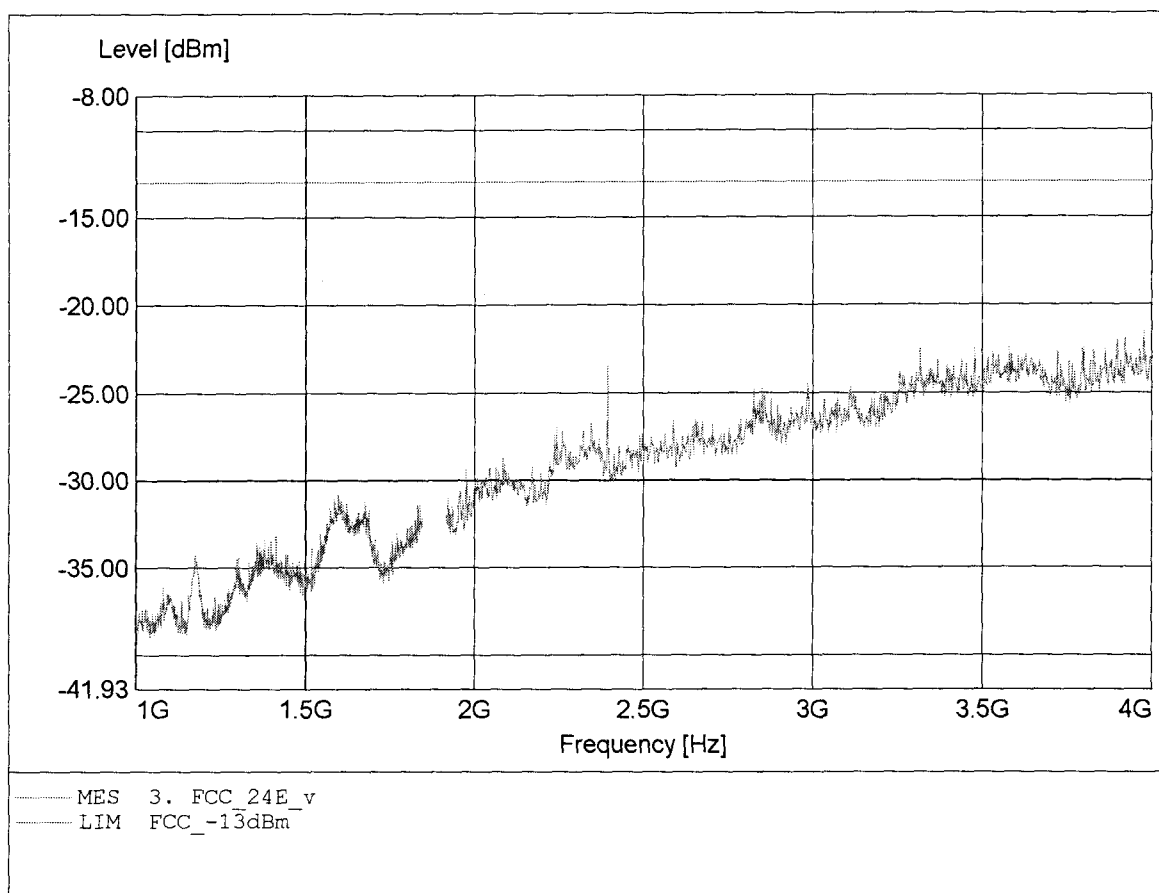
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.481GHz, Pmax: -18.57dBm, RBW: 1MHz/3kHz



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

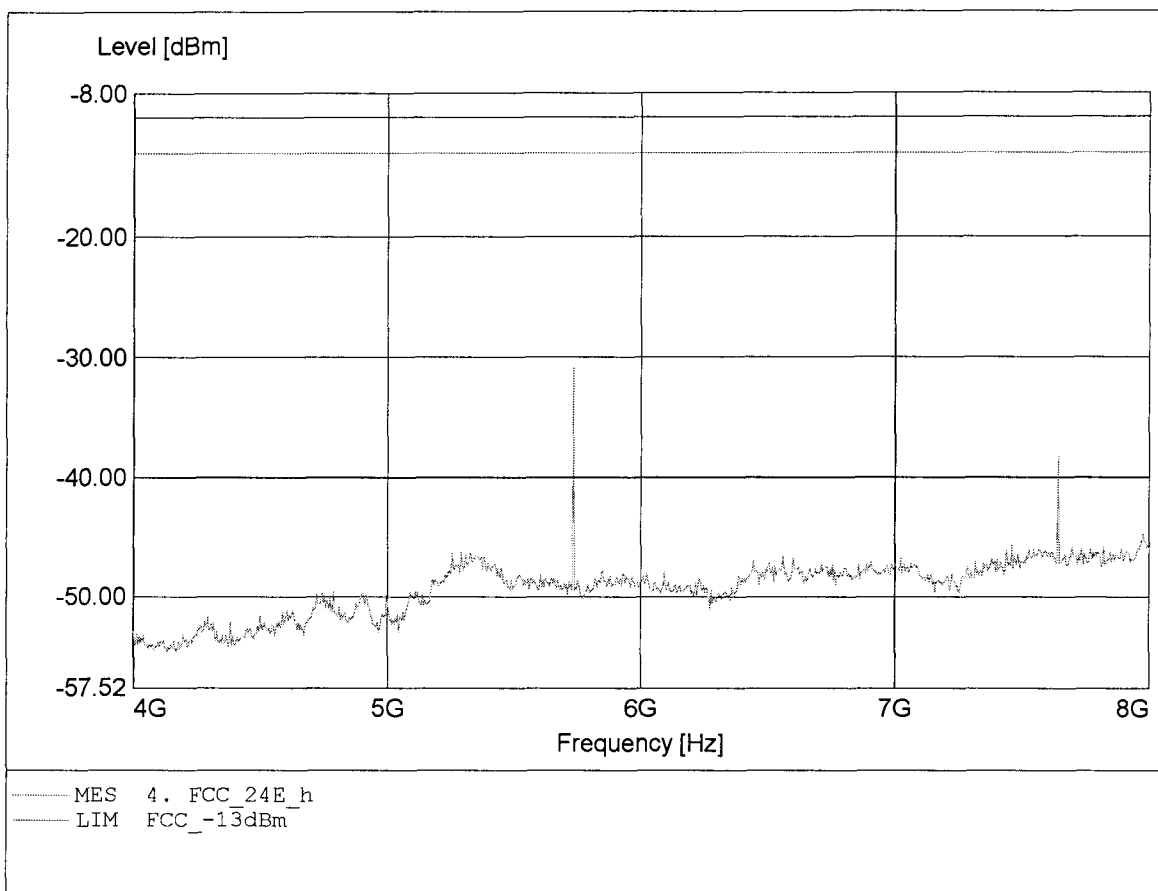
Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.977GHz, Pmax: -21.53dBm, RBW: 1MHz/3kHz





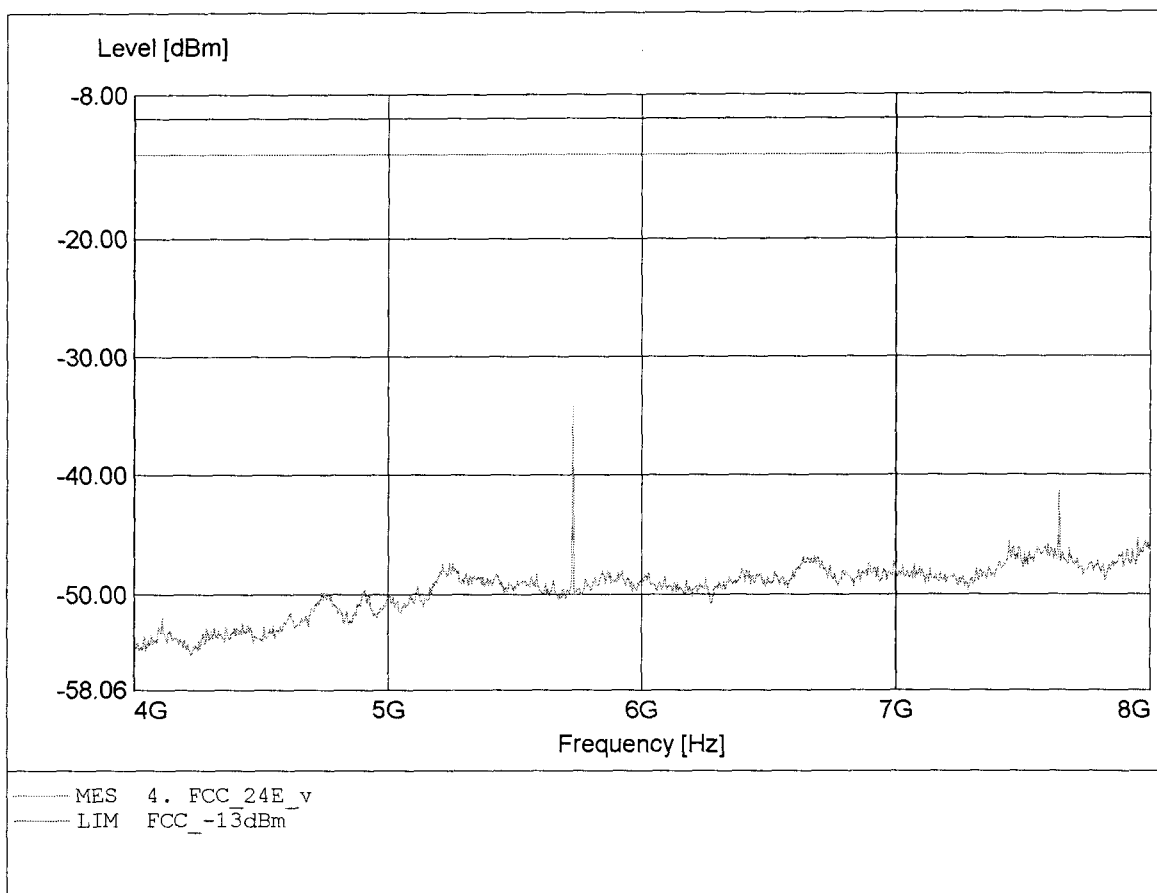
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.733GHz, Pmax: -30.91dBm, RBW: 1MHz



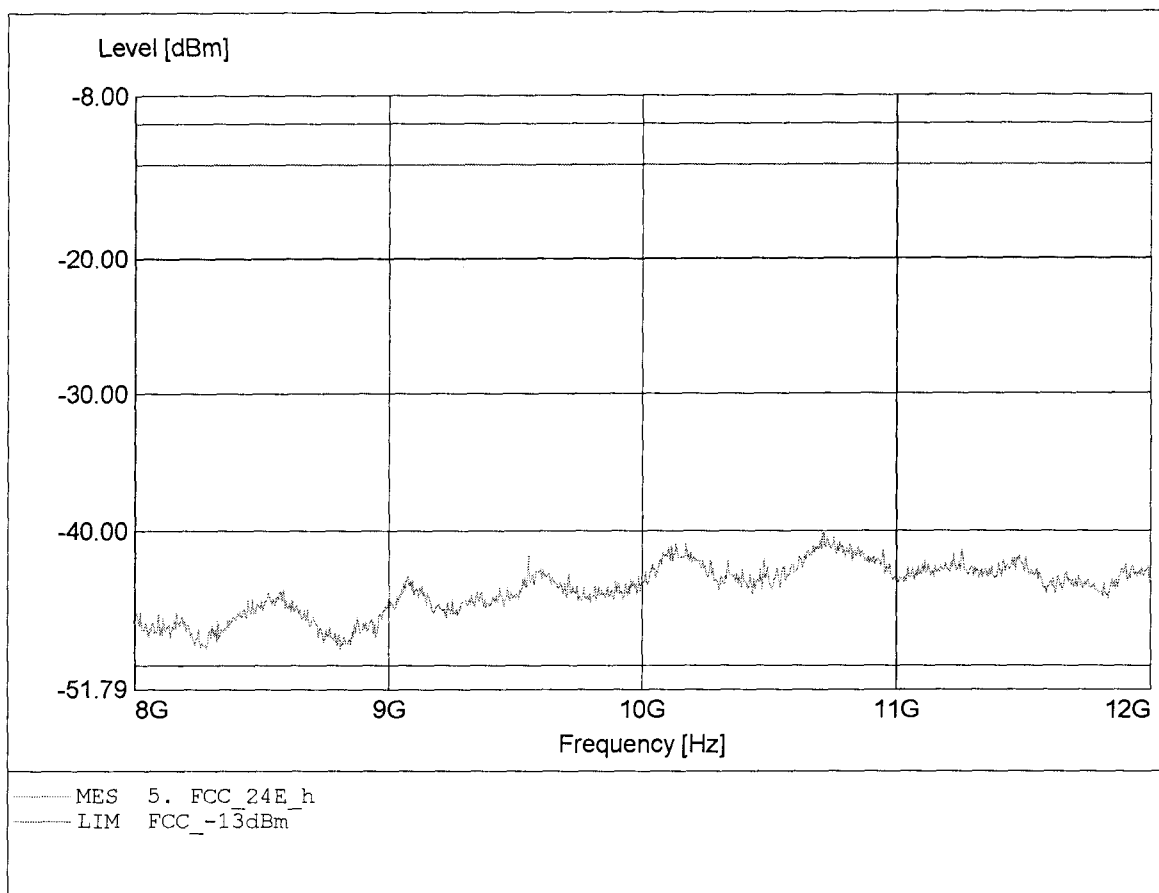
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.729GHz, Pmax: -34.29dBm, RBW: 1MHz



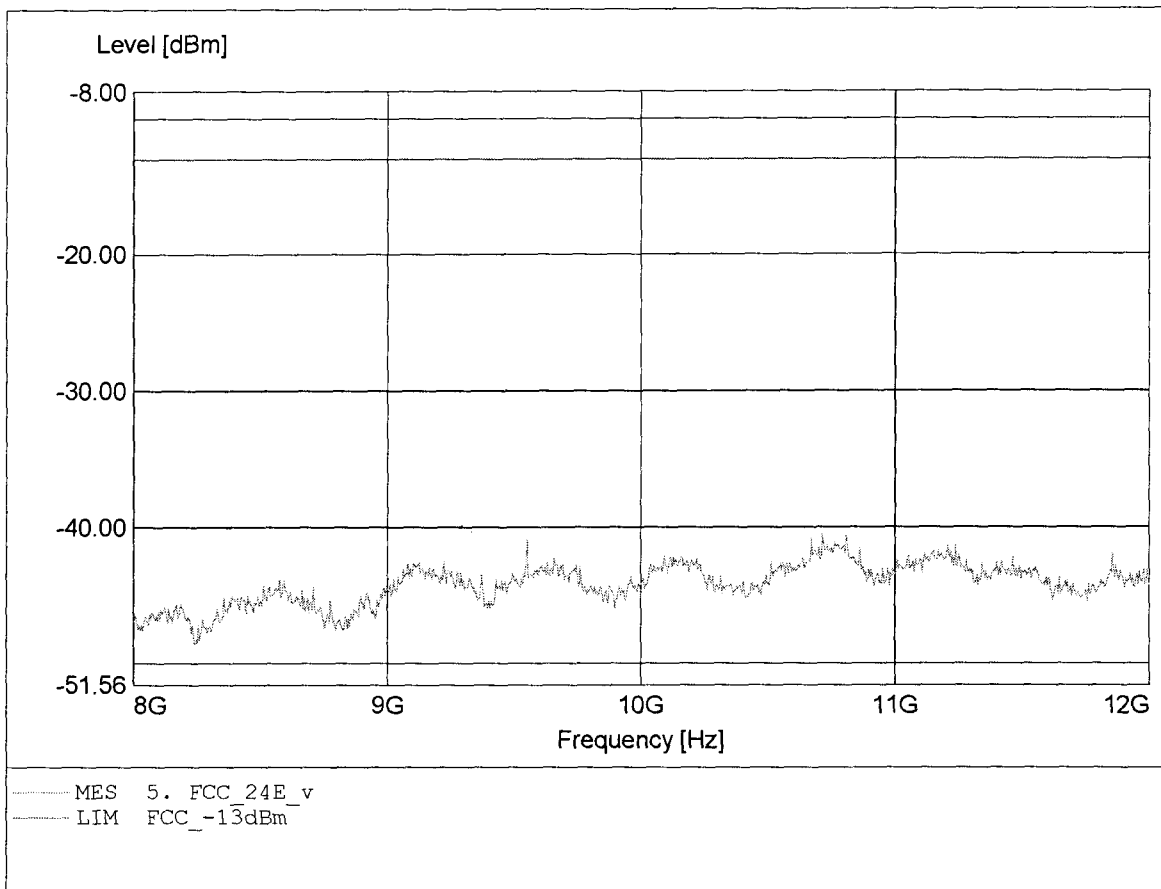
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.716GHz, Pmax: -40.02dBm, RBW: 1MHz



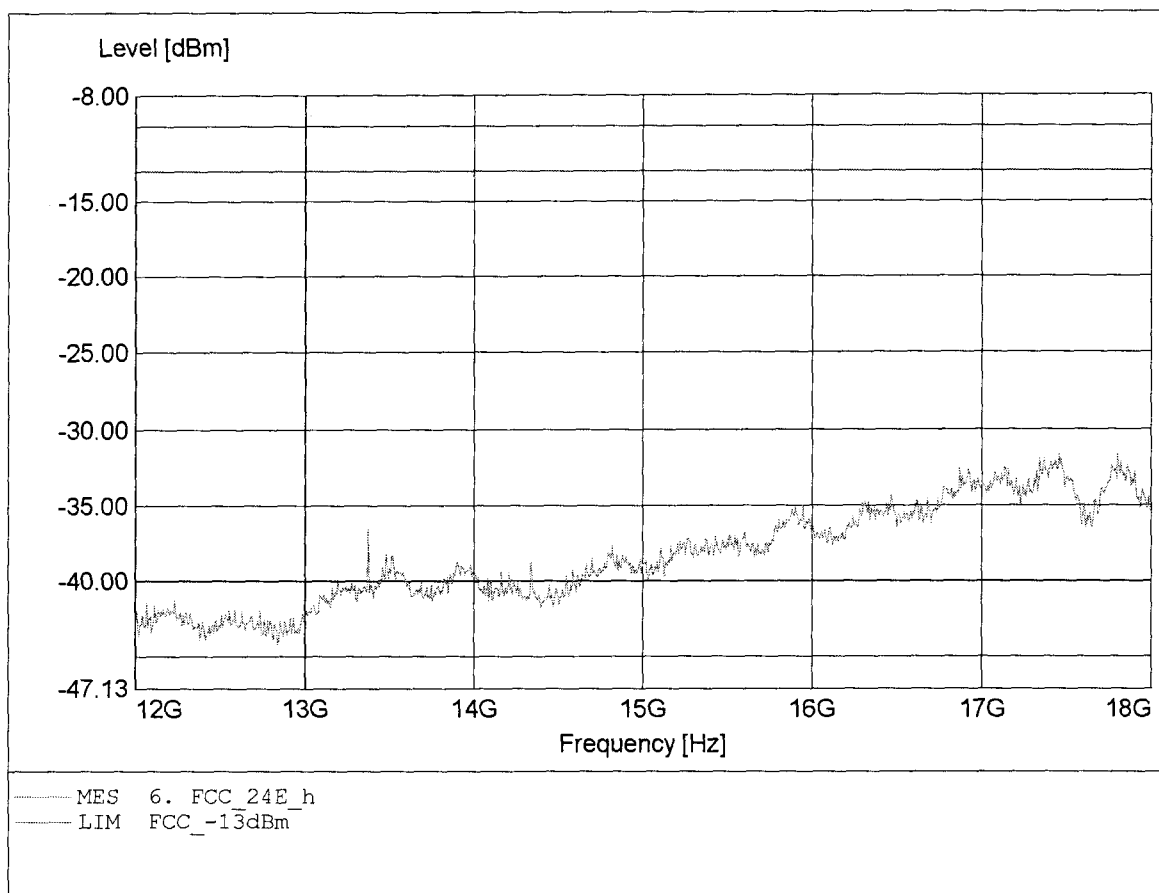
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.716GHz, Pmax: -40.55dBm, RBW: 1MHz



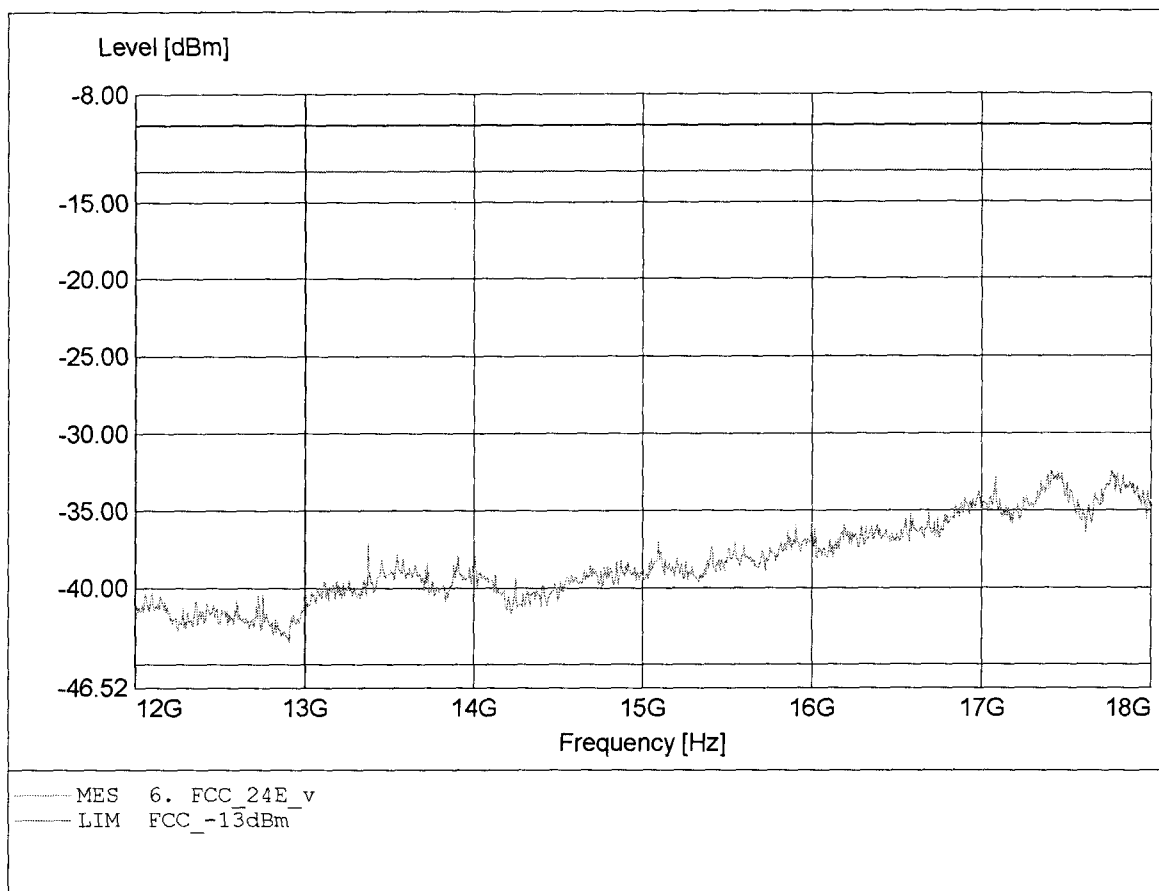
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.800GHz, Pmax: -31.67dBm, RBW: 1MHz



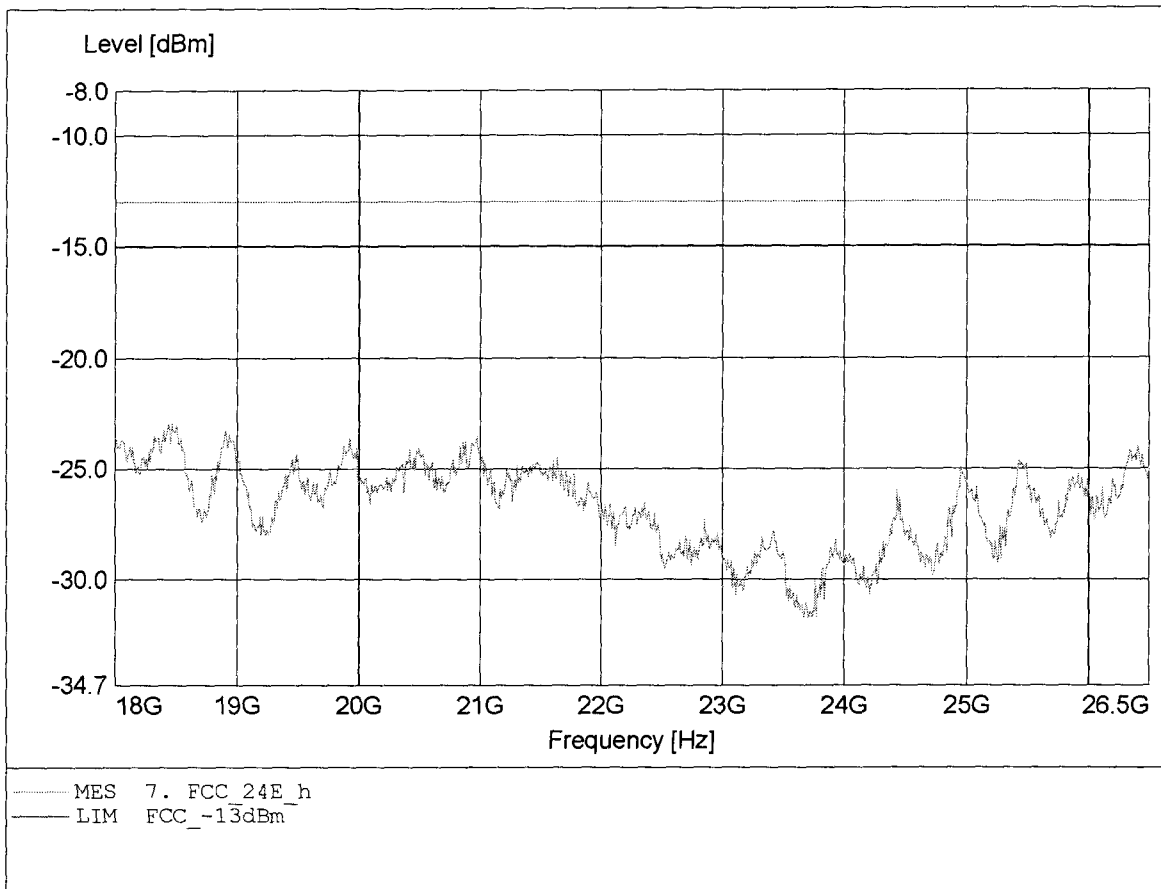
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.447GHz, Pmax: -32.46dBm, RBW: 1MHz



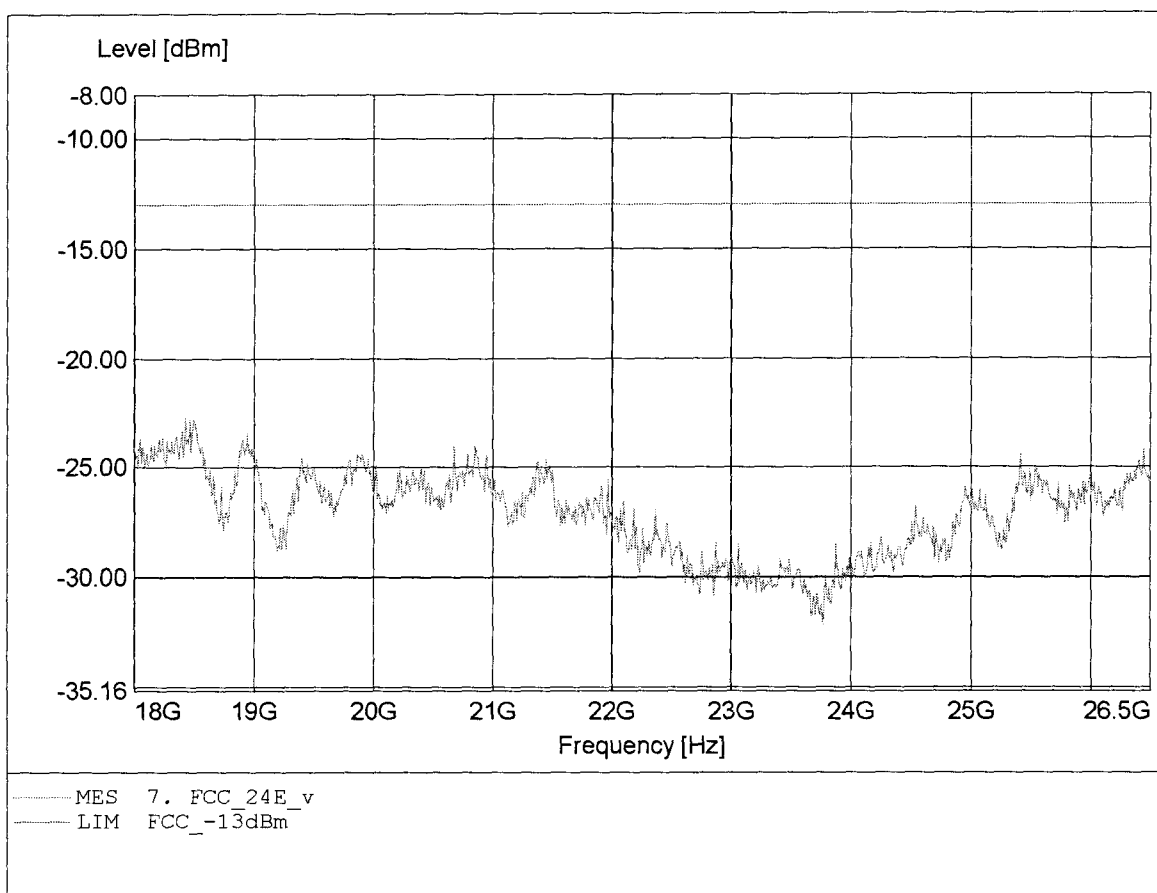
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.463GHz, Pmax: -22.94dBm, RBW: 1MHz



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

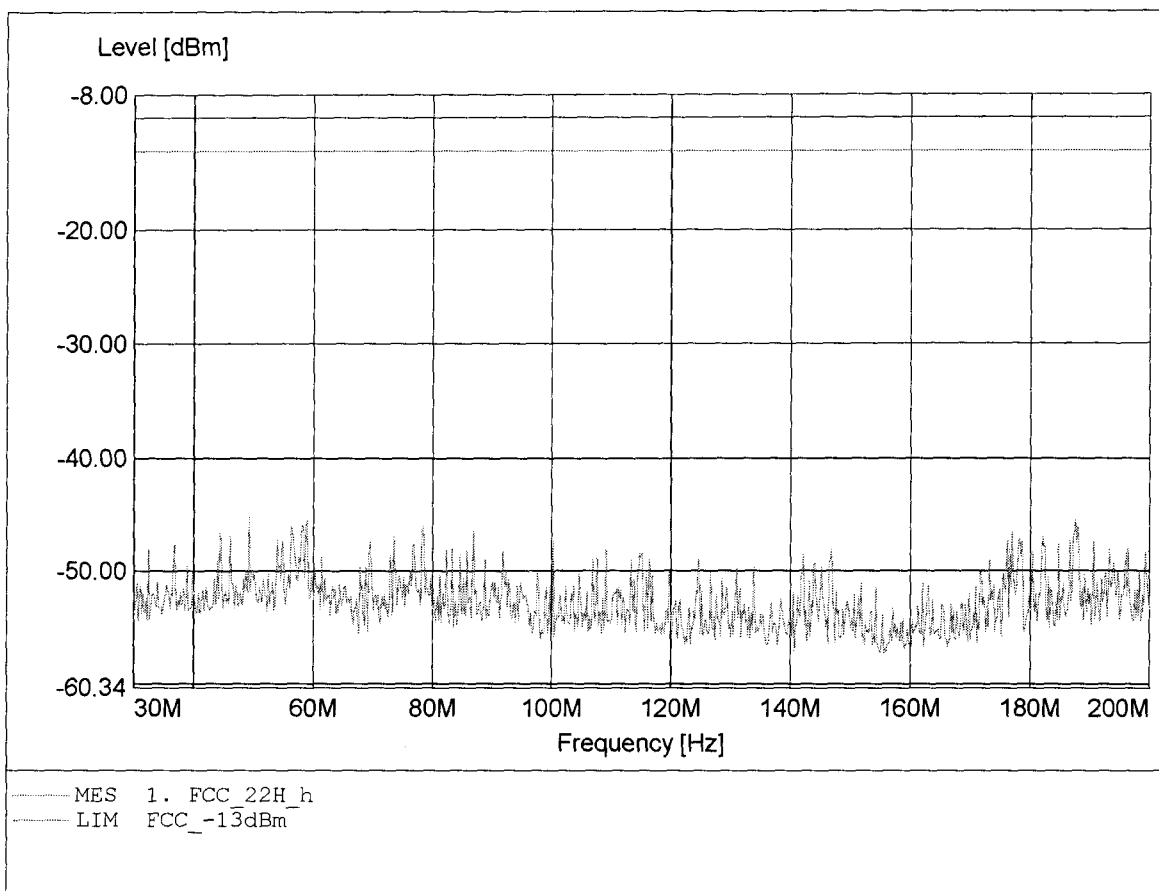
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EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 810  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 18.425GHz, Pmax: -22.72dBm, RBW: 1MHz





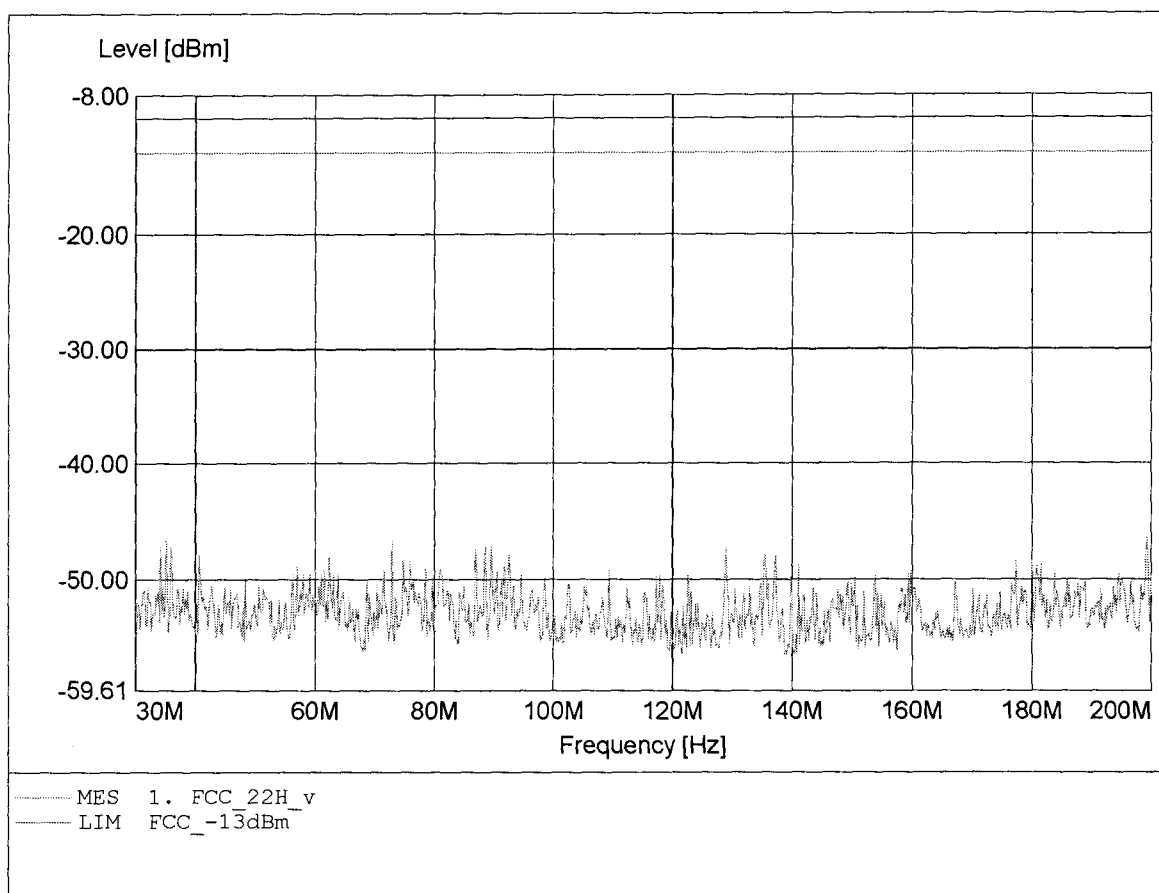
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 49.267MHz, Pmax: -45.08dBm, RBW: 1MHz



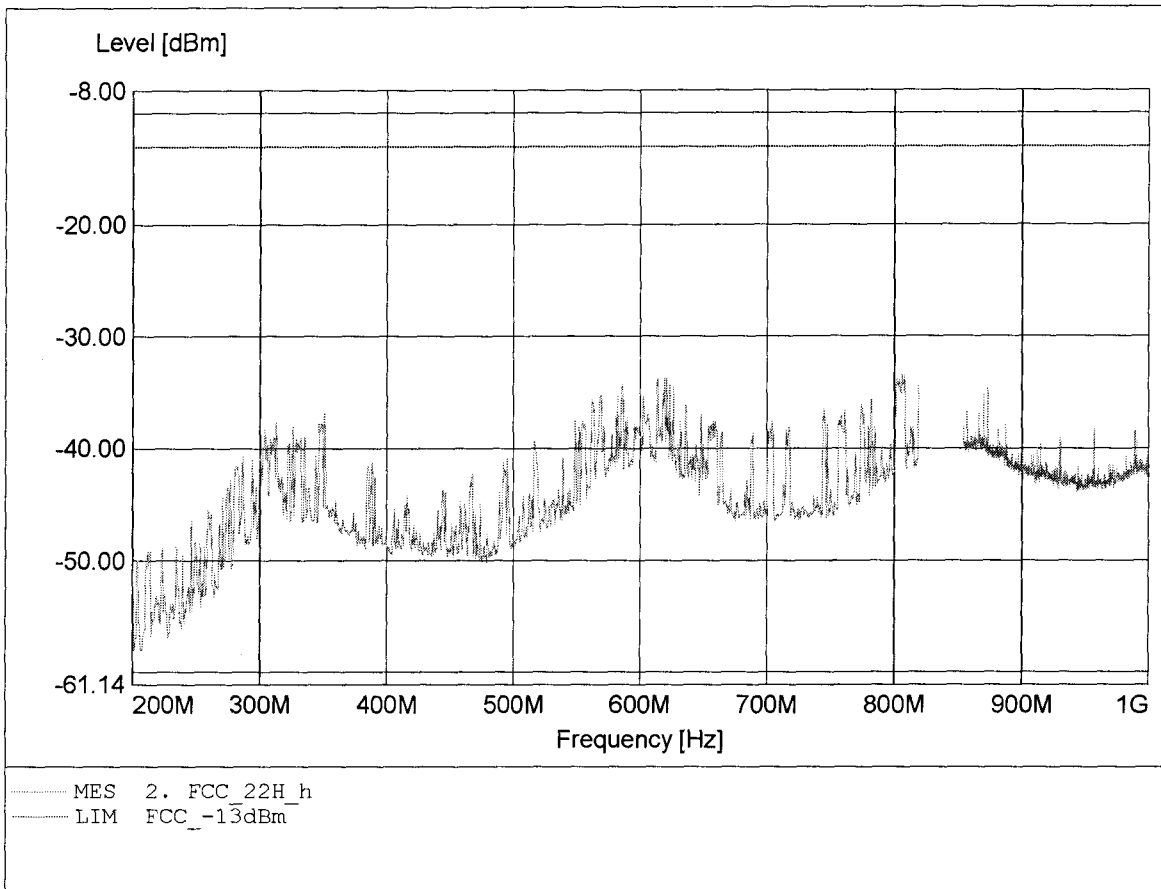
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 199.244MHz, Pmax: -46.40dBm, RBW: 1MHz



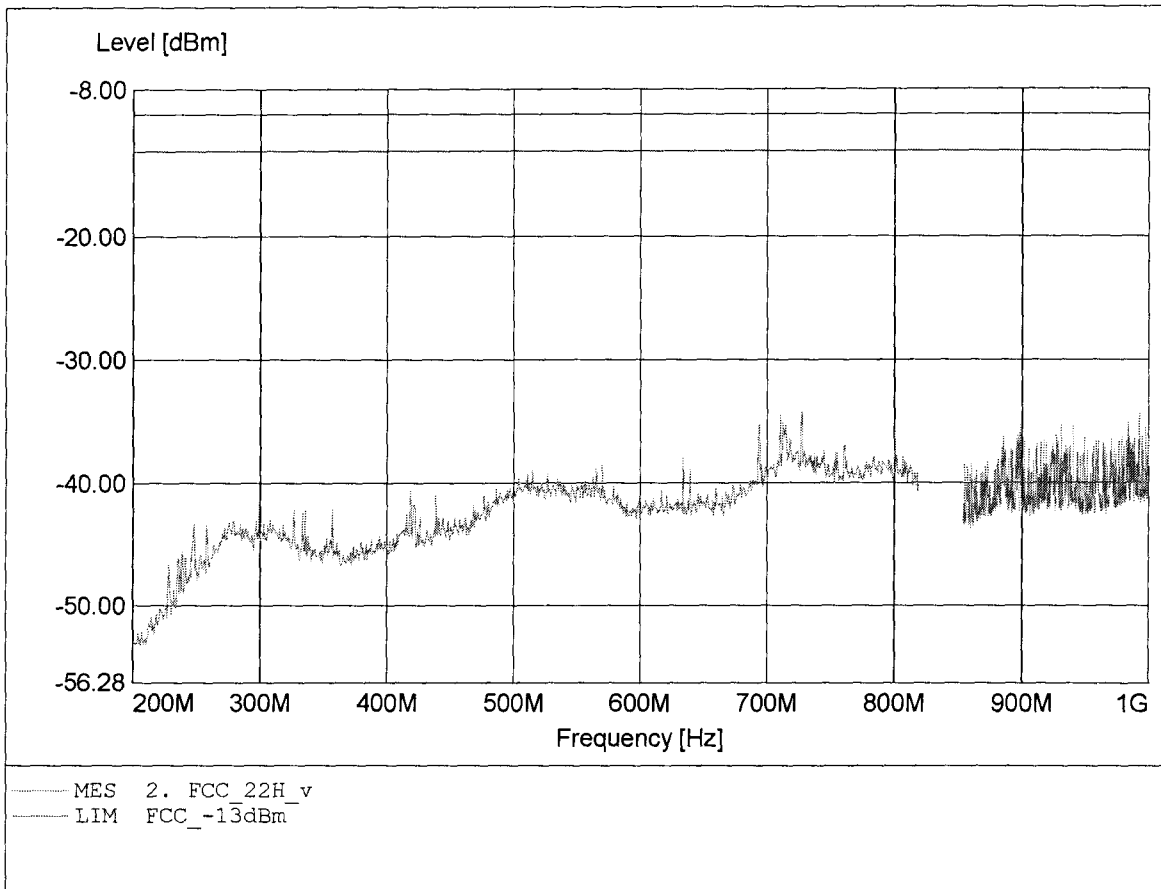
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 805.932MHz, Pmax: -33.43dBm, RBW: 1MHz



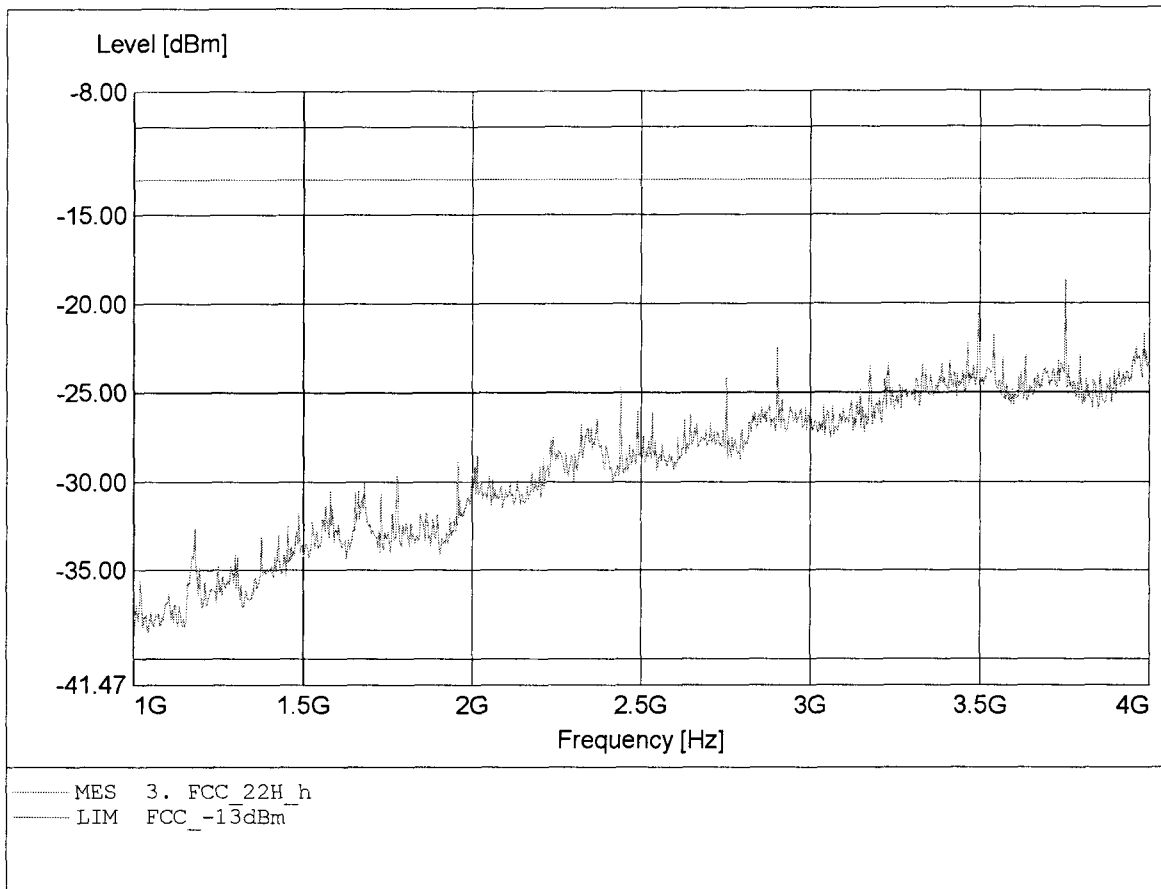
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 726.838MHz, Pmax: -34.19dBm, RBW: 1MHz



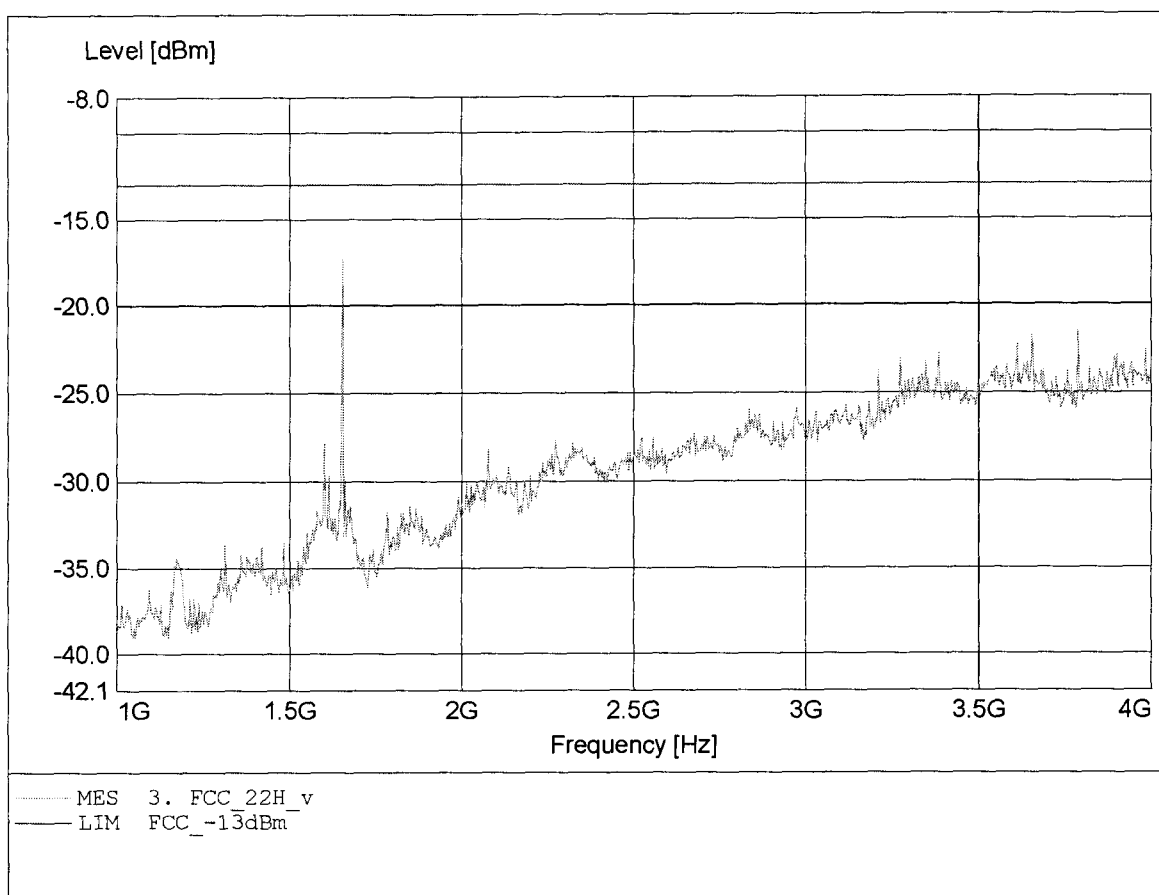
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.750GHz, Pmax: -18.71dBm, RBW: 1MHz



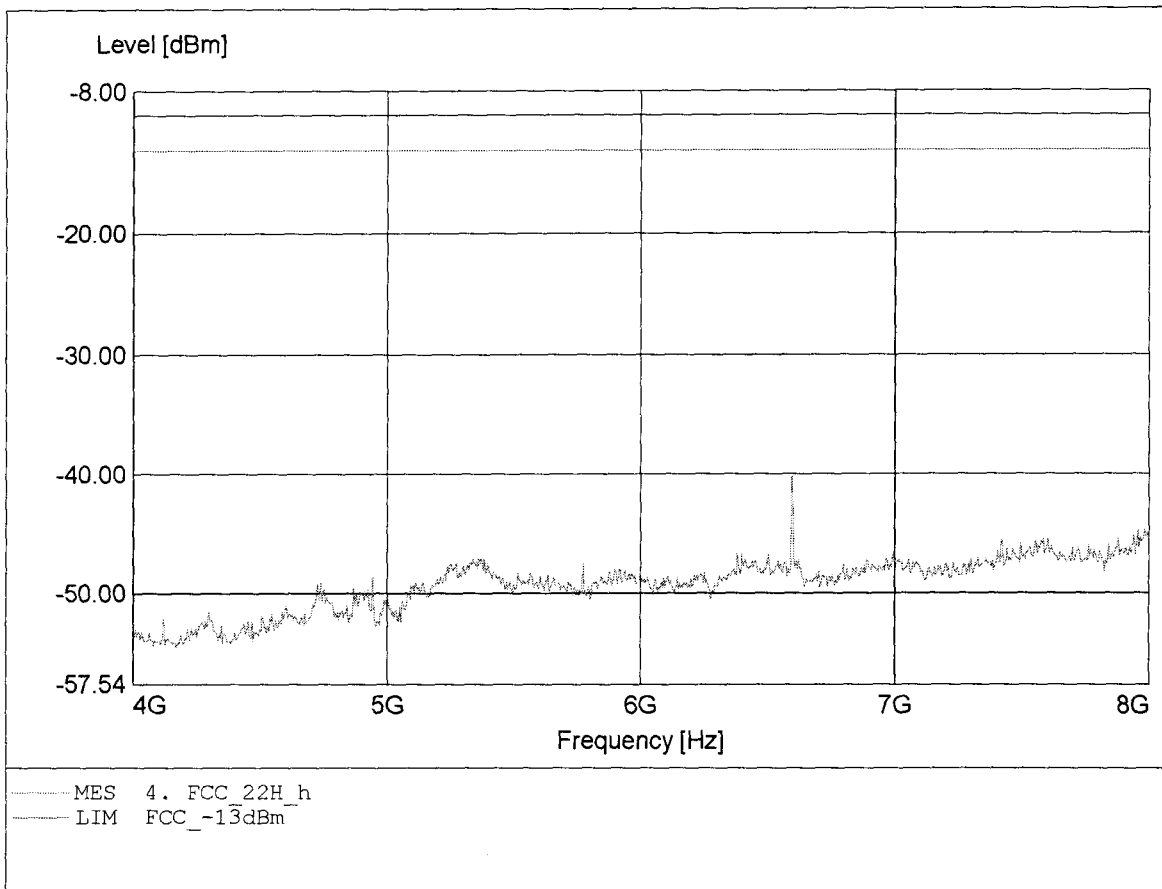
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.653GHz, Pmax: -17.35dBm, RBW: 1MHz



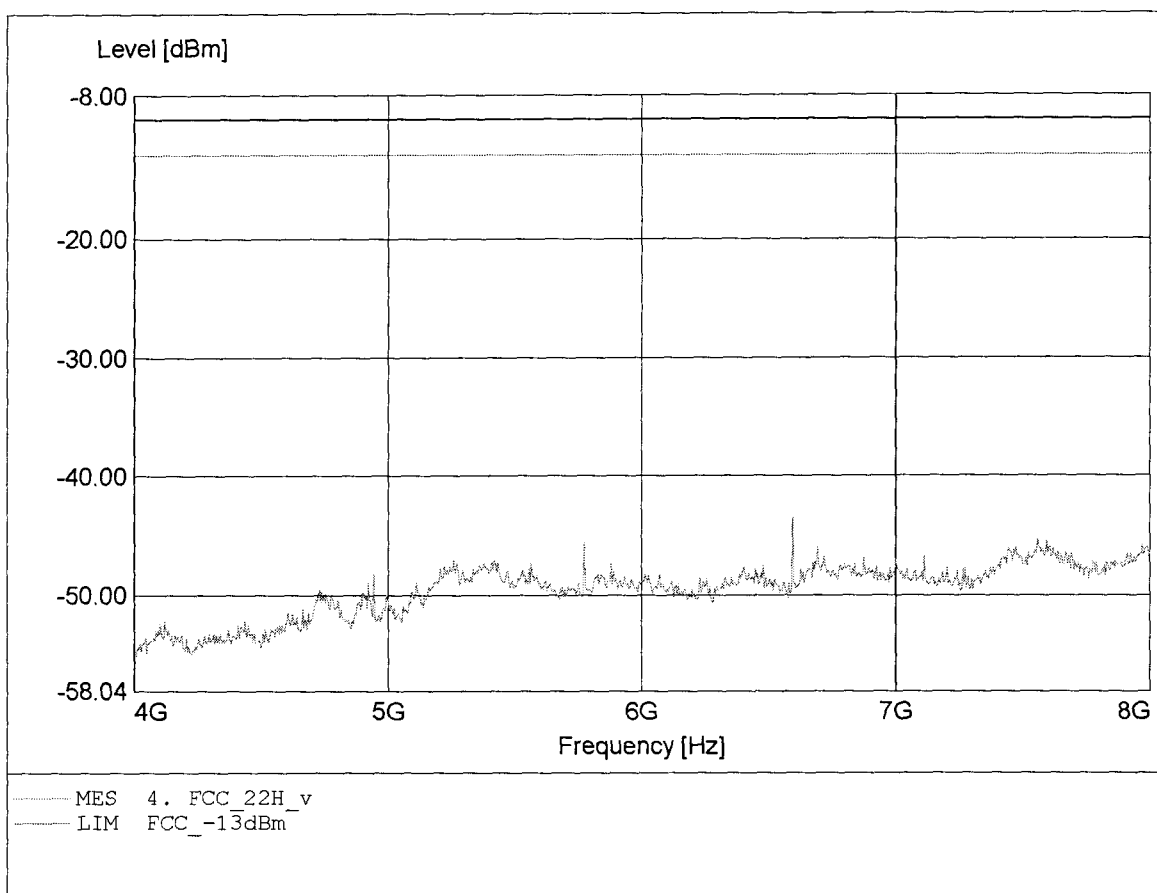
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.596GHz, Pmax: -40.17dBm, RBW: 1MHz



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

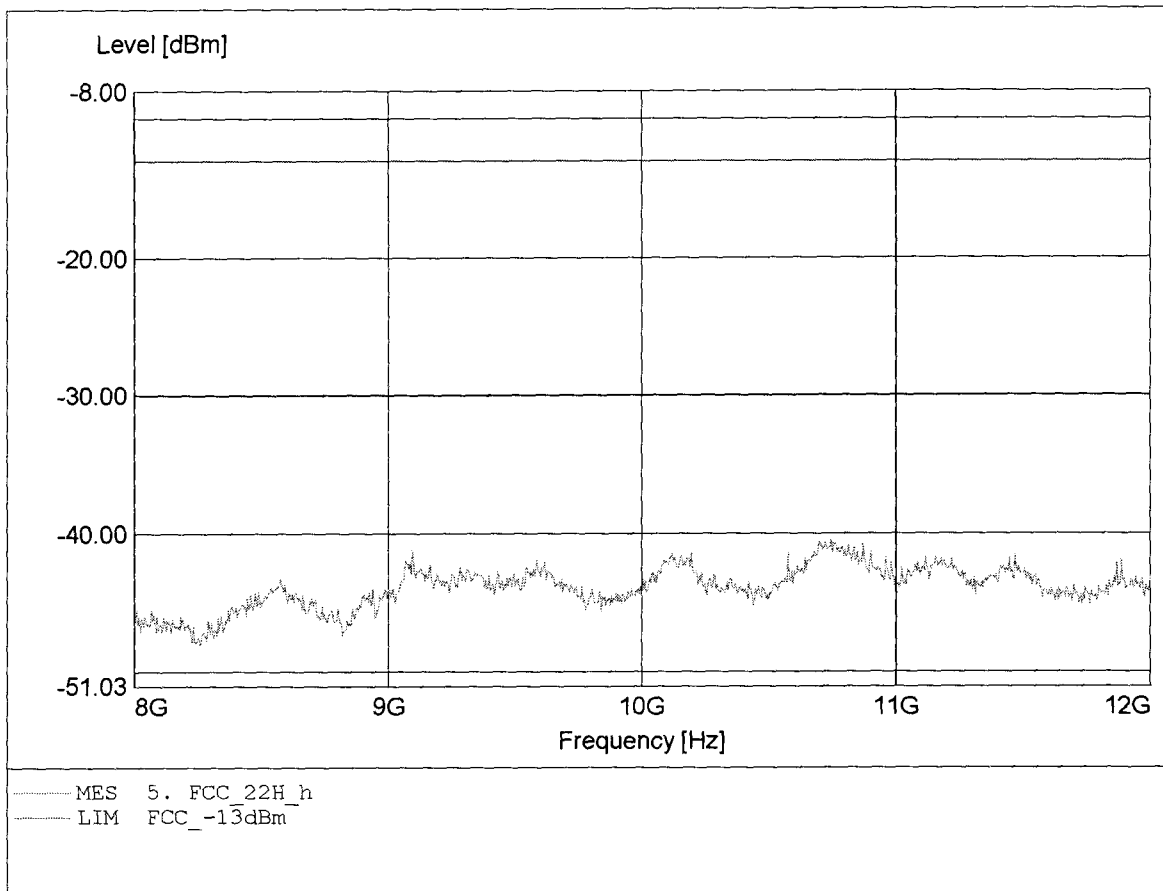
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EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.596GHz, Pmax: -43.52dBm, RBW: 1MHz





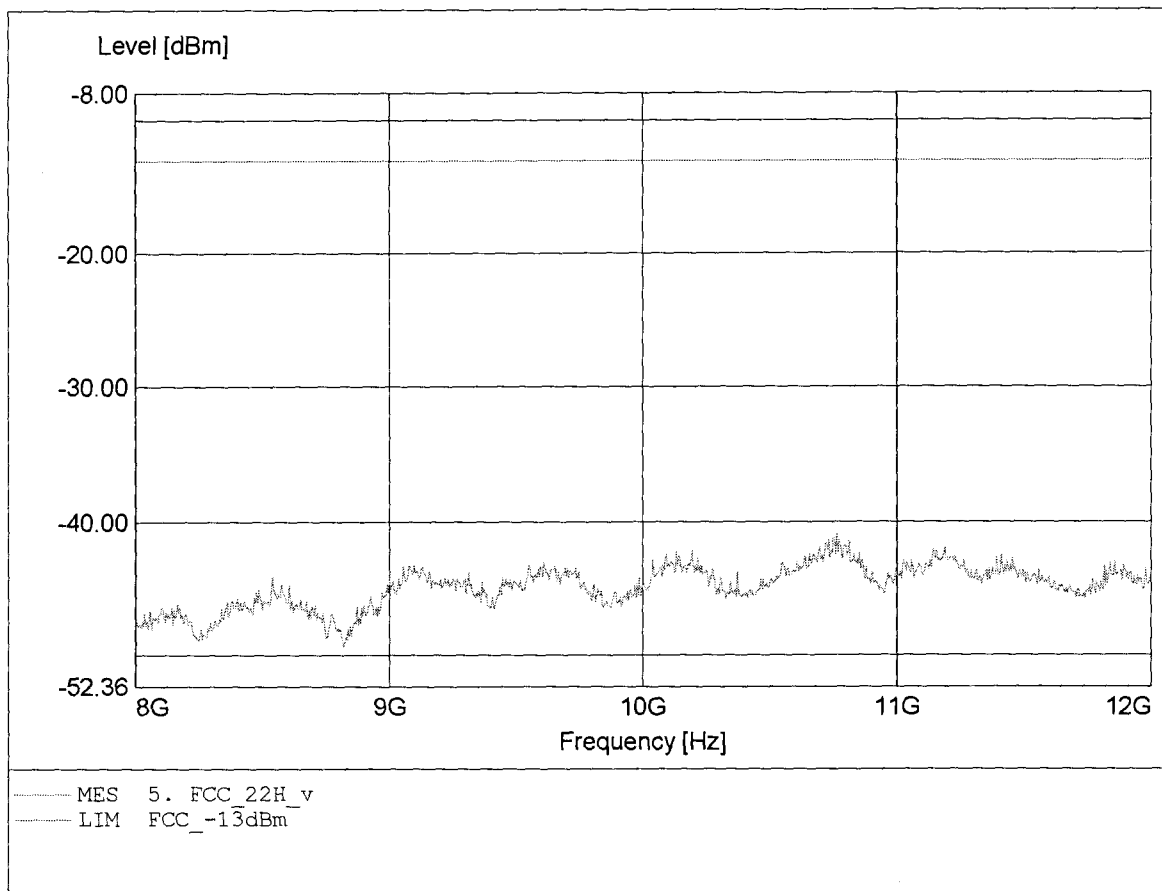
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.747GHz, Pmax: -40.54dBm, RBW: 1MHz



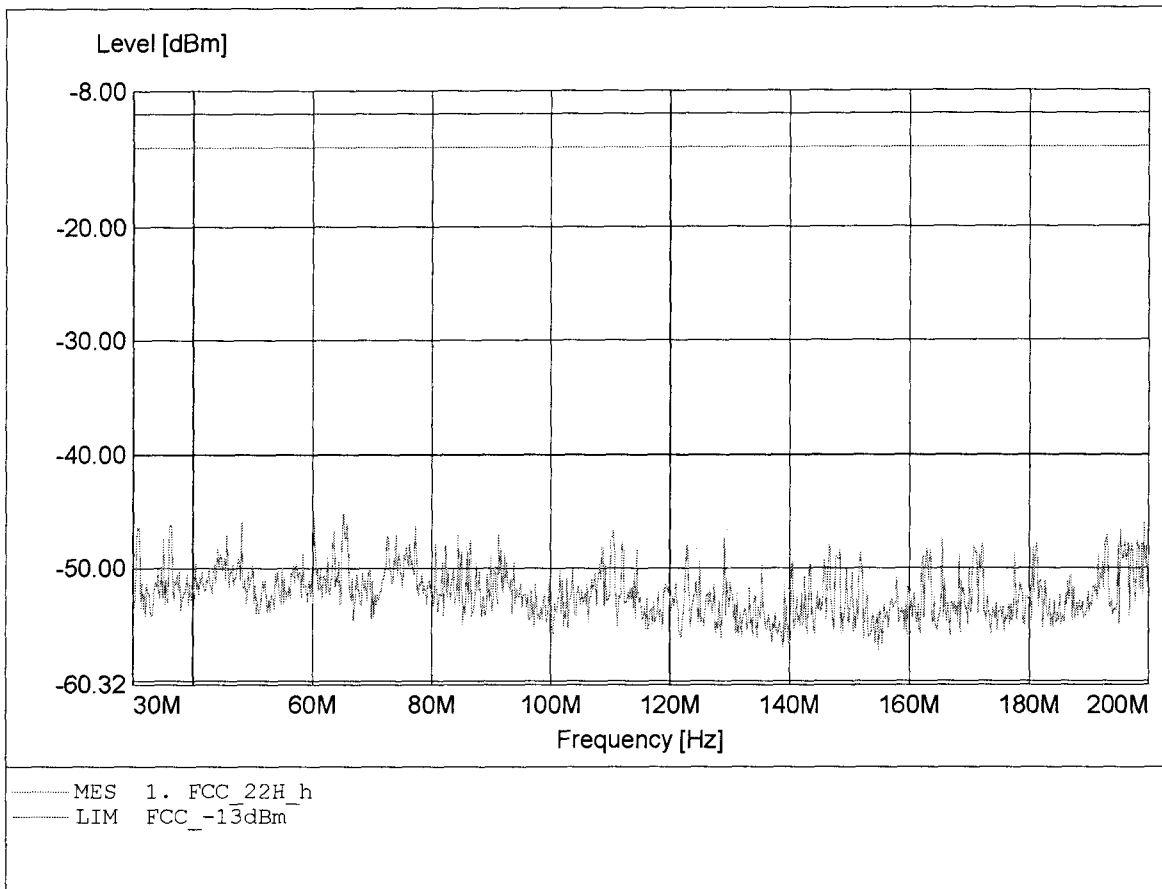
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.764GHz, Pmax: -40.91dBm, RBW: 1MHz



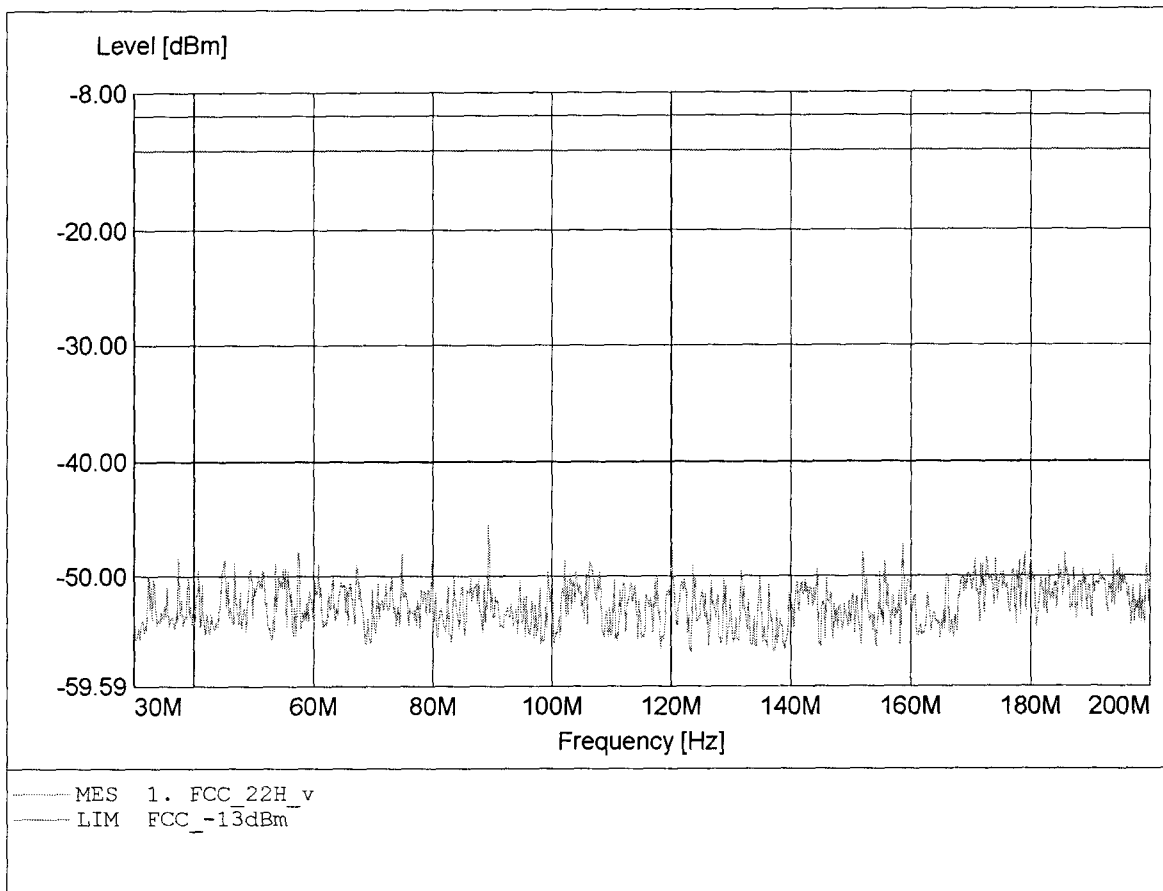
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 65.133MHz, Pmax: -45.21dBm, RBW: 1MHz



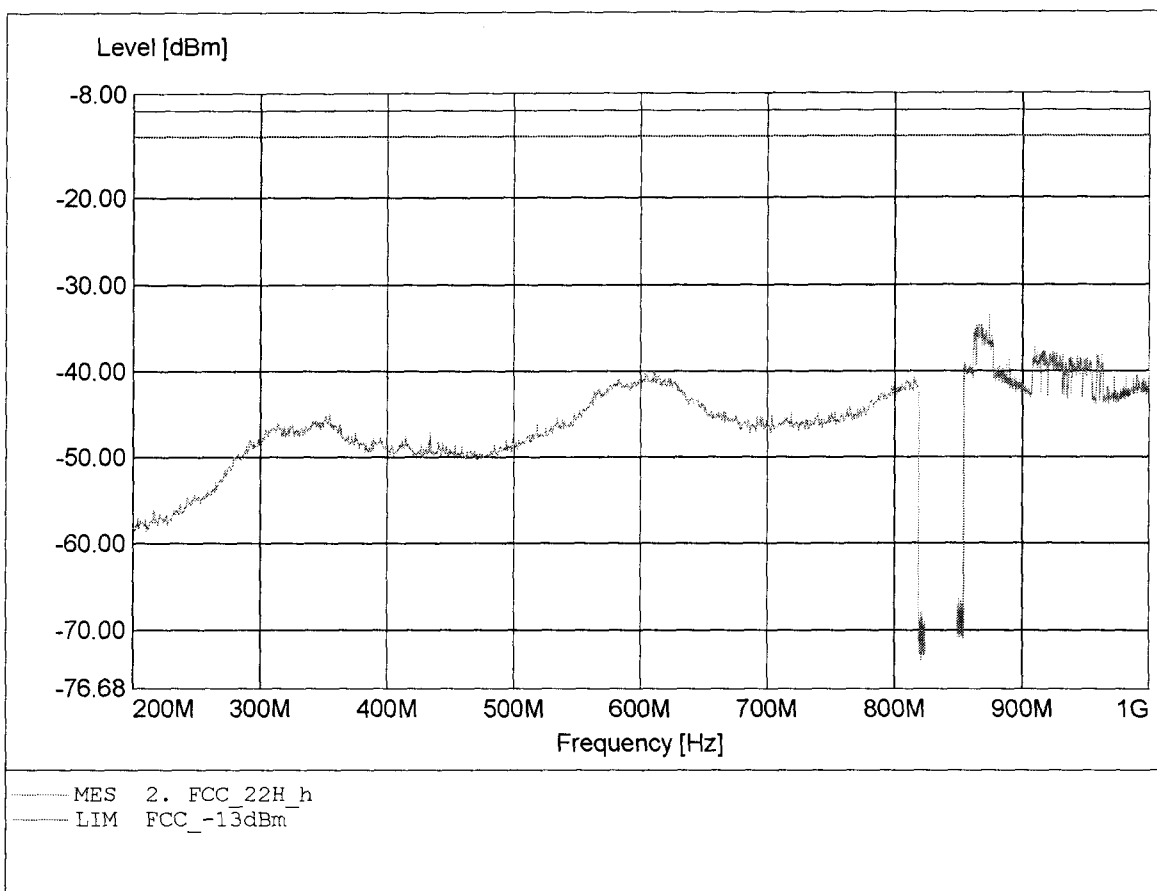
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 89.311MHz, Pmax: -45.53dBm, RBW: 1MHz



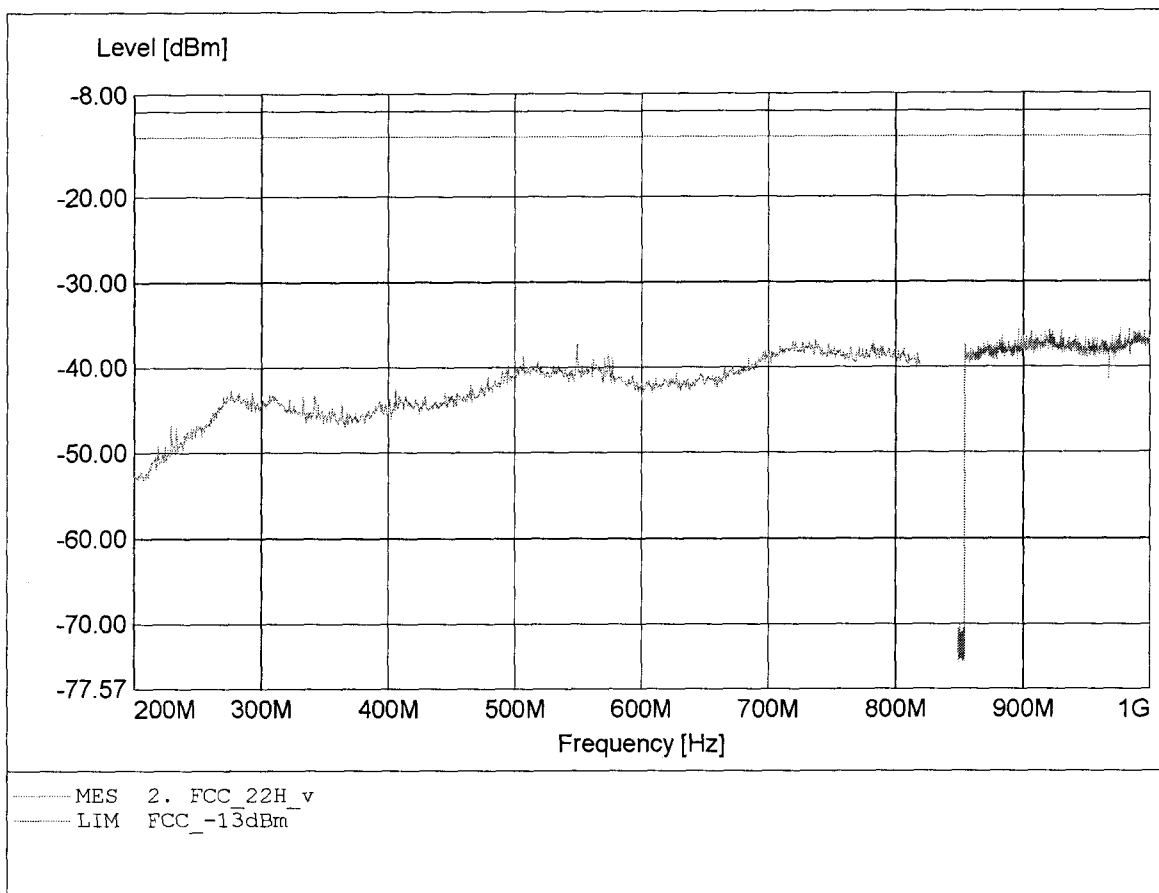
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 874.116MHz, Pmax: -33.55dBm, RBW: 1MHz



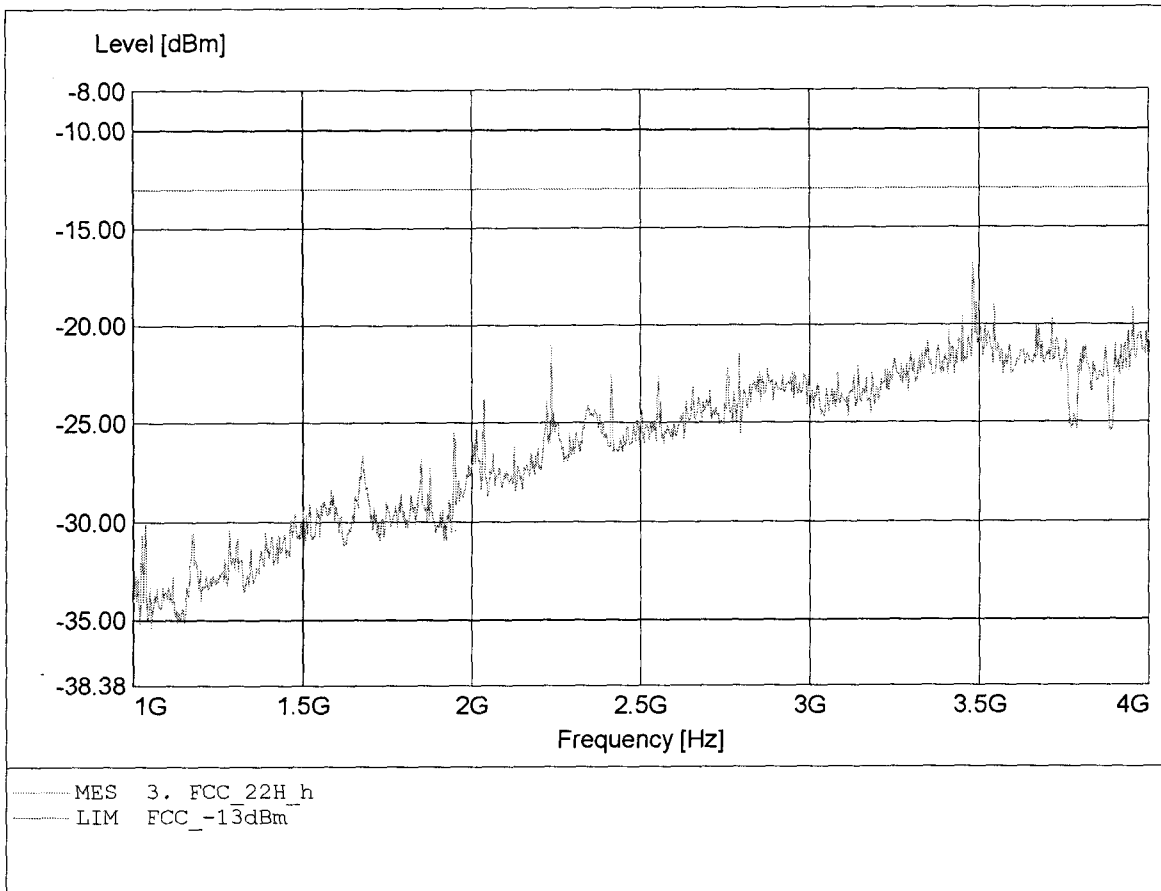
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 976.478MHz, Pmax: -35.34dBm, RBW: 1MHz



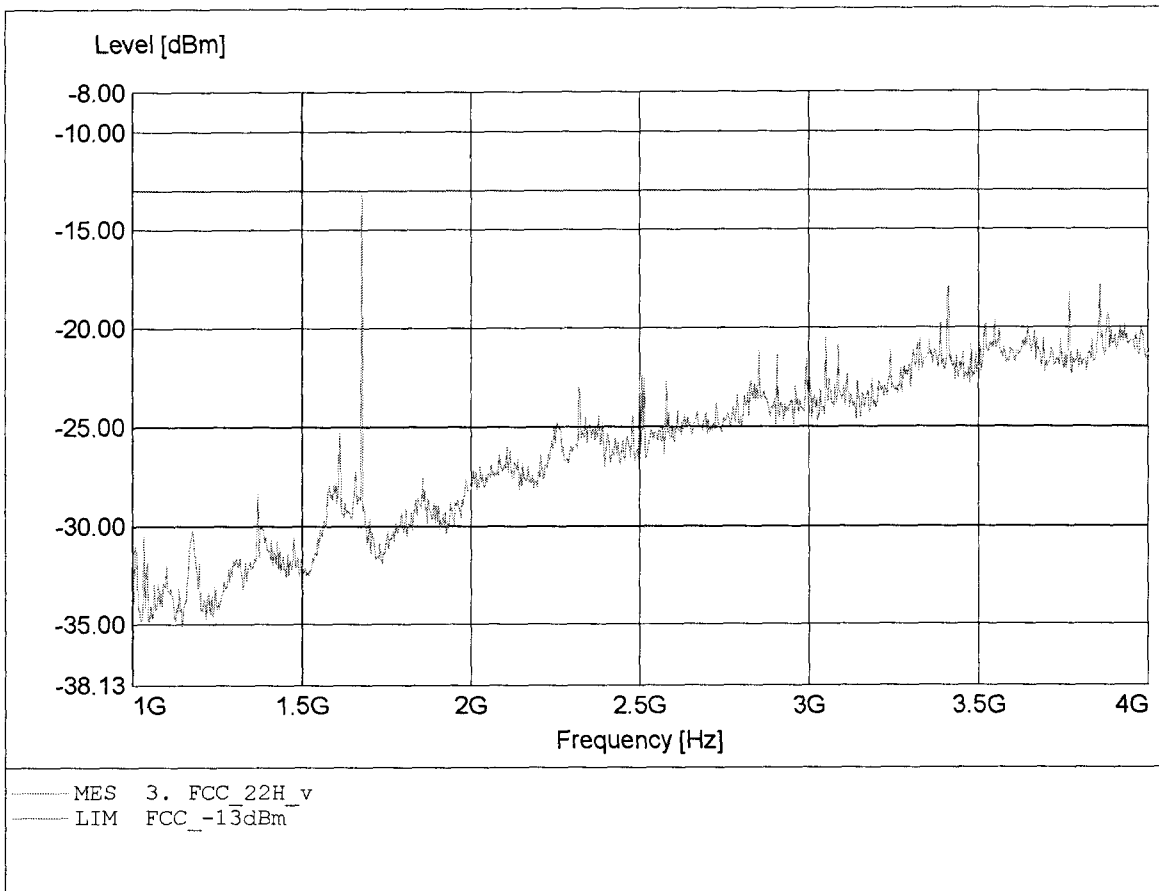
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.480GHz, Pmax: -16.88dBm, RBW: 1MHz



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

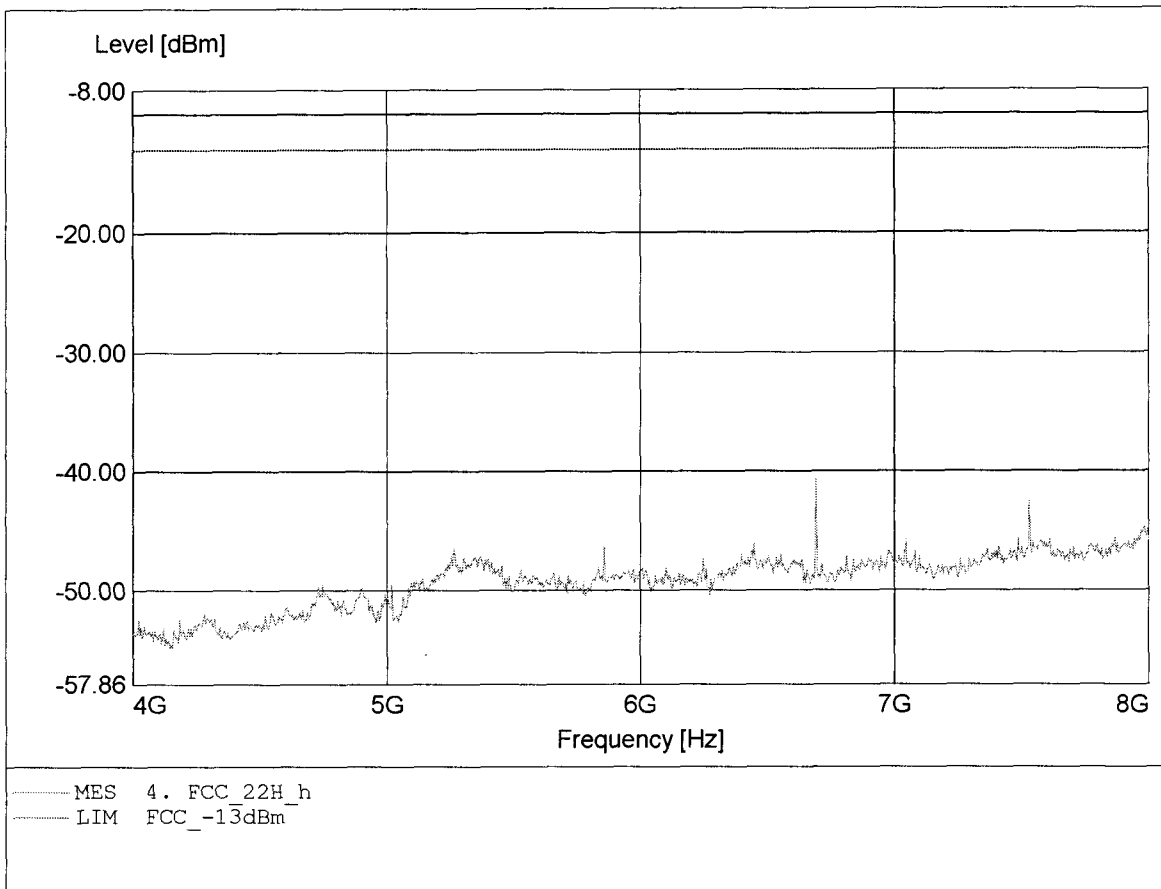
Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.677GHz, Pmax: -13.25dBm, RBW: 1MHz





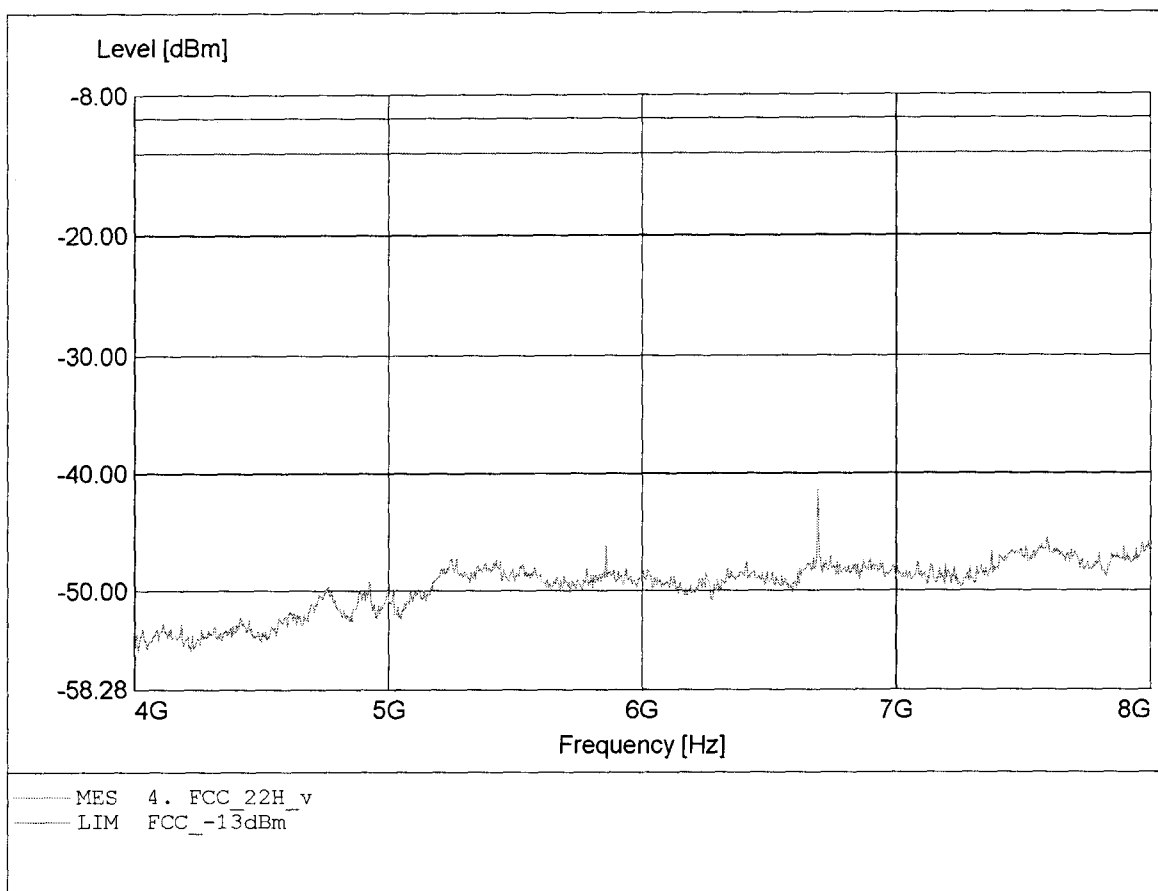
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.693GHz, Pmax: -40.62dBm, RBW: 1MHz



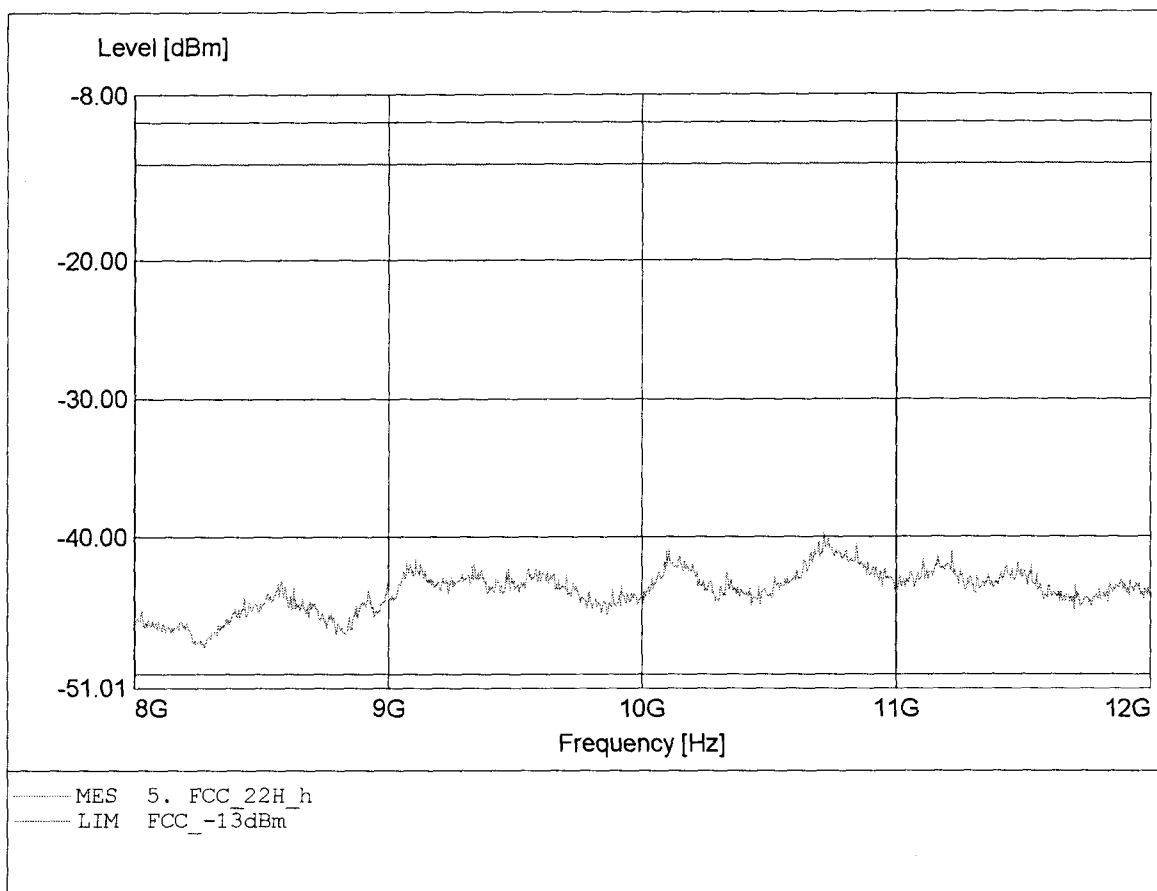
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.693GHz, Pmax: -41.46dBm, RBW: 1MHz



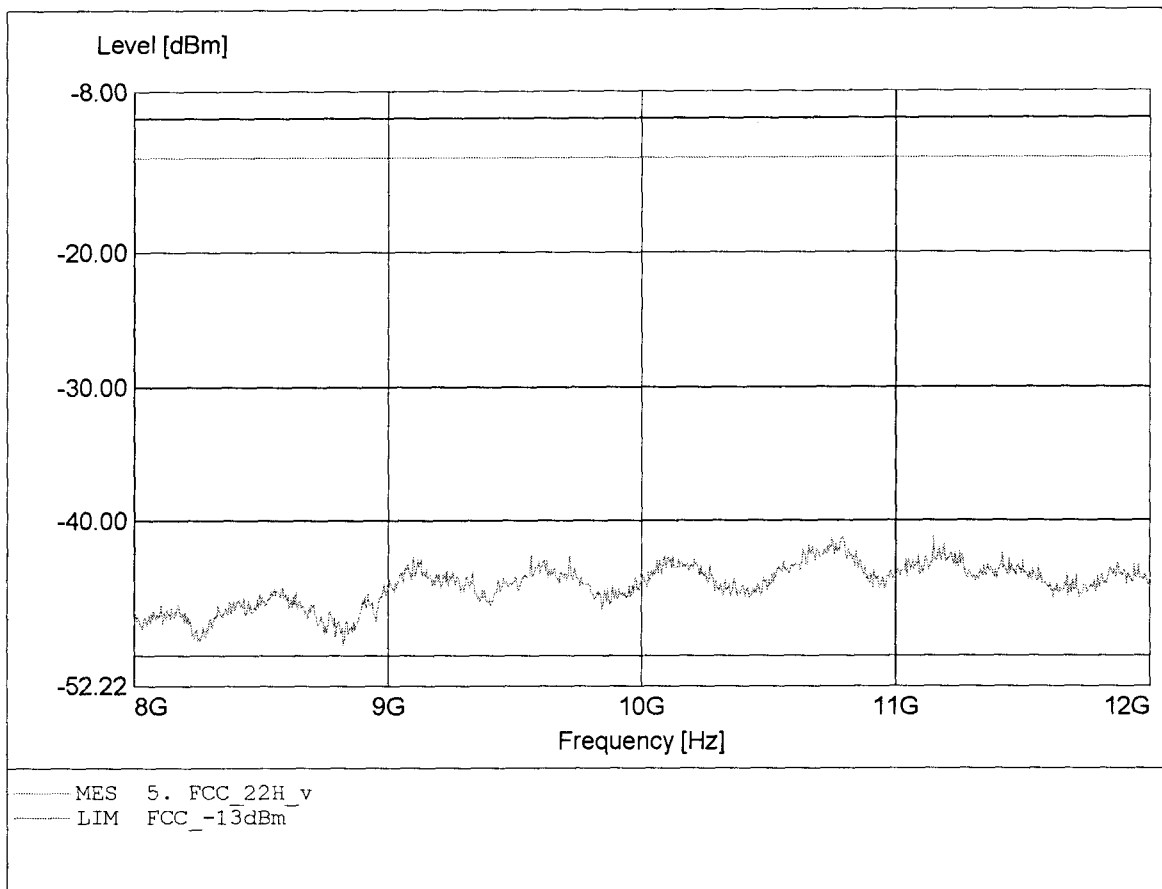
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.716GHz, Pmax: -39.69dBm, RBW: 1MHz



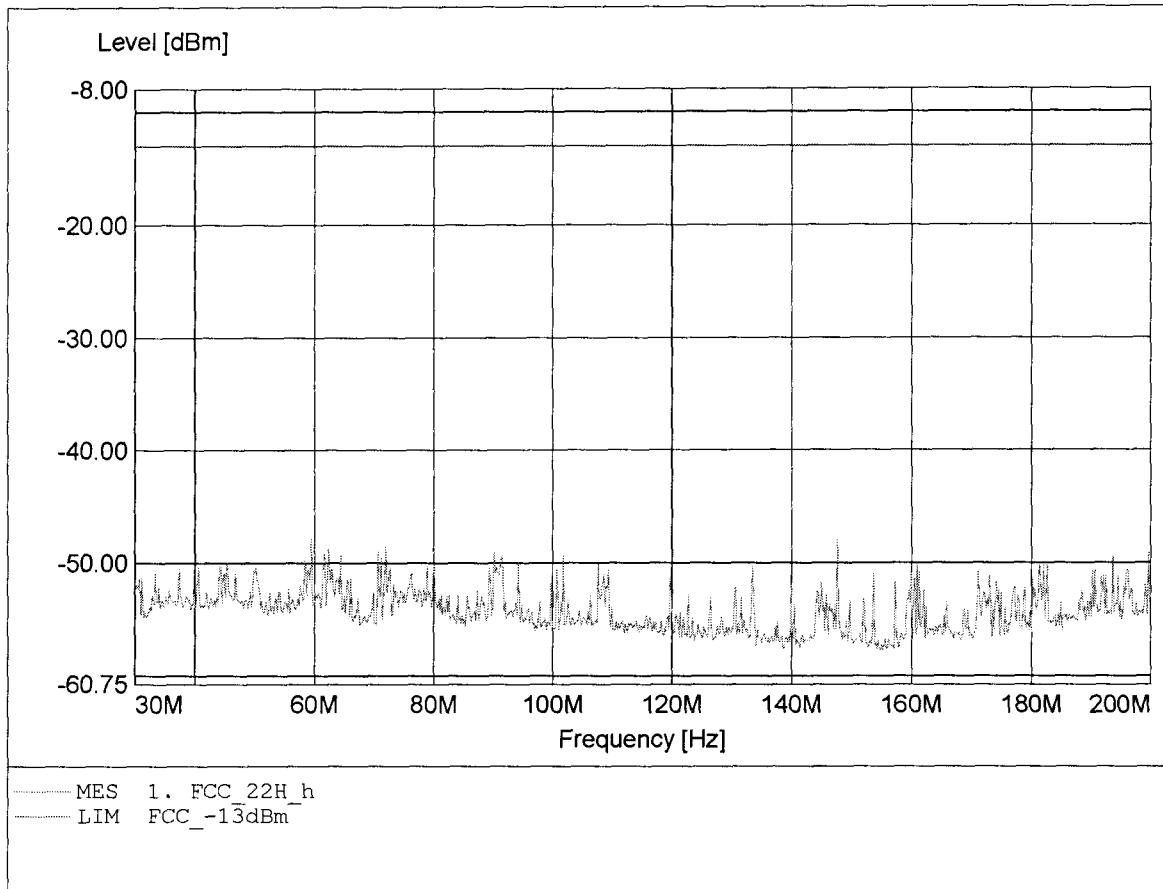
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 188  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.147GHz, Pmax: -41.19dBm, RBW: 1MHz



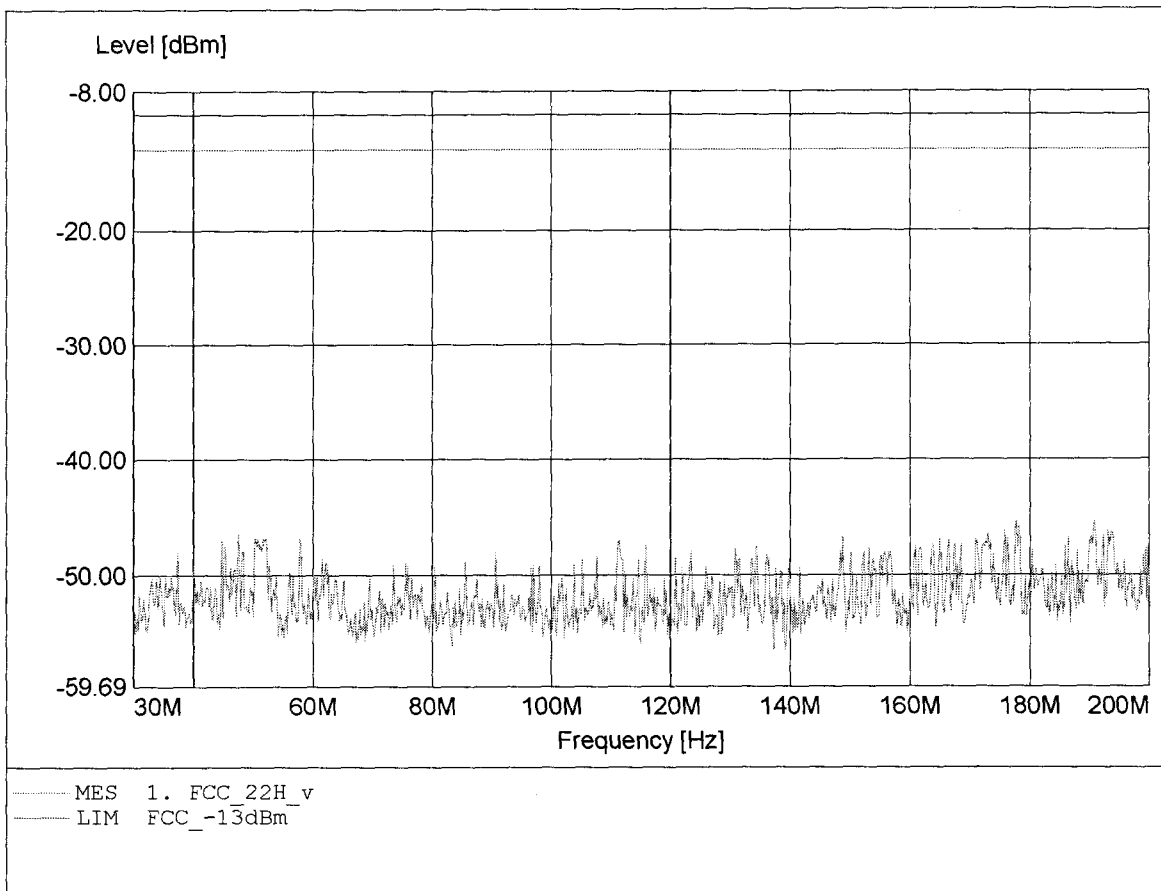
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 59.467MHz, Pmax: -47.81dBm, RBW: 1MHz



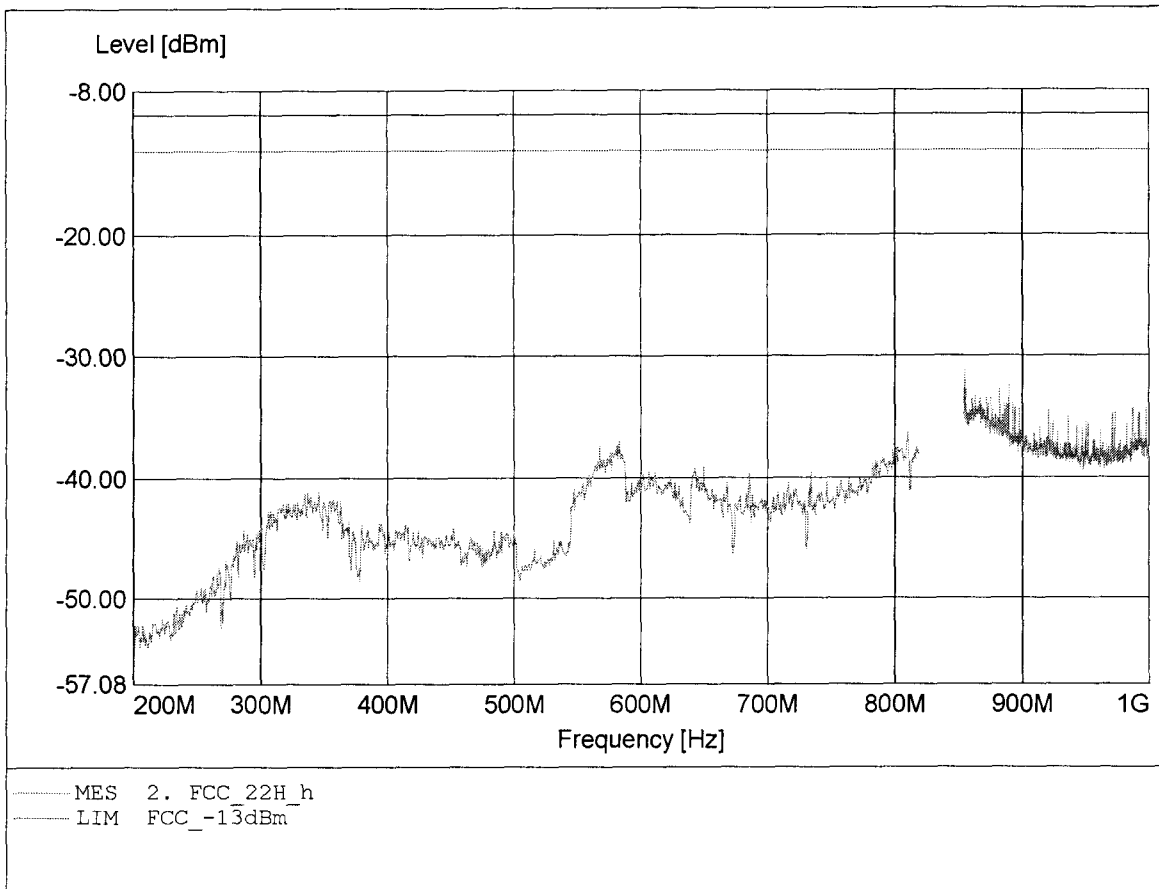
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 190.744MHz, Pmax: -45.33dBm, RBW: 1MHz



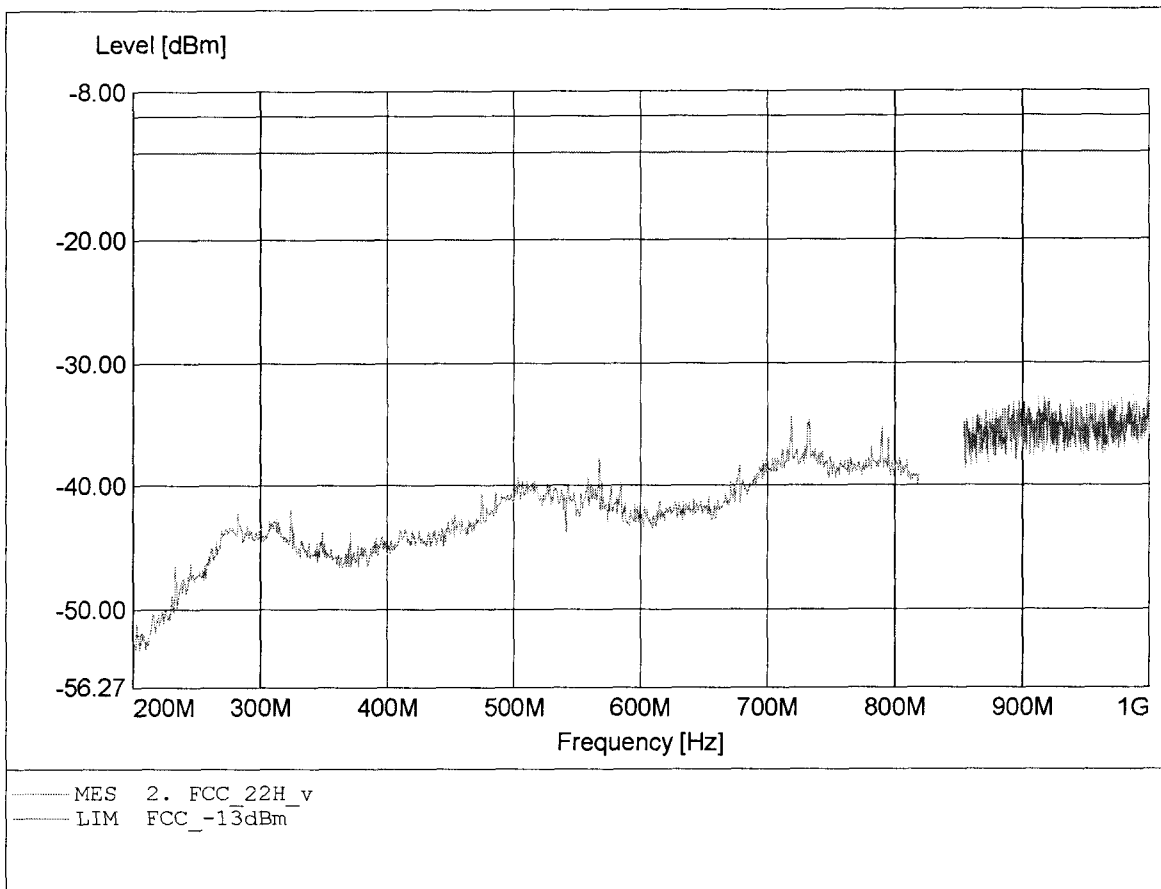
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 854.649MHz, Pmax: -31.11dBm, RBW: 1MHz



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

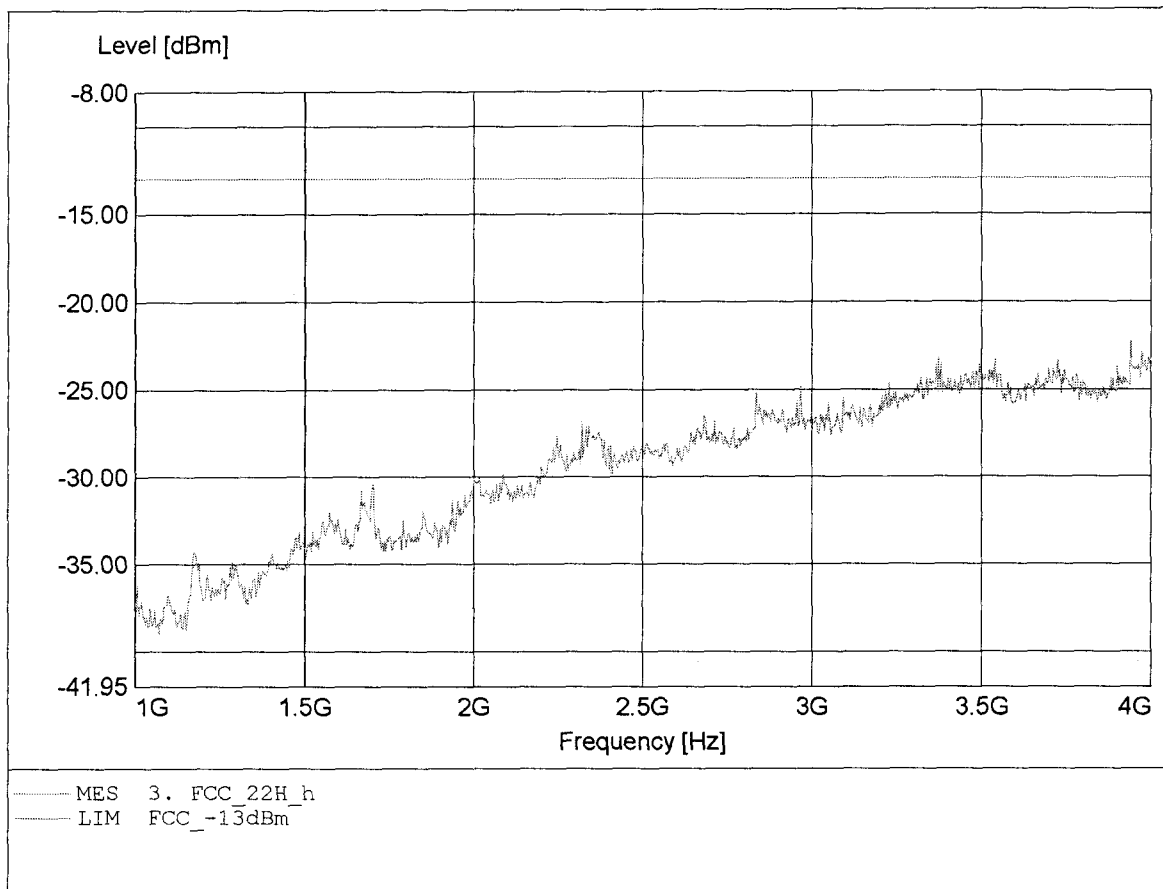
Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 987.833MHz, Pmax: -32.60dBm, RBW: 1MHz





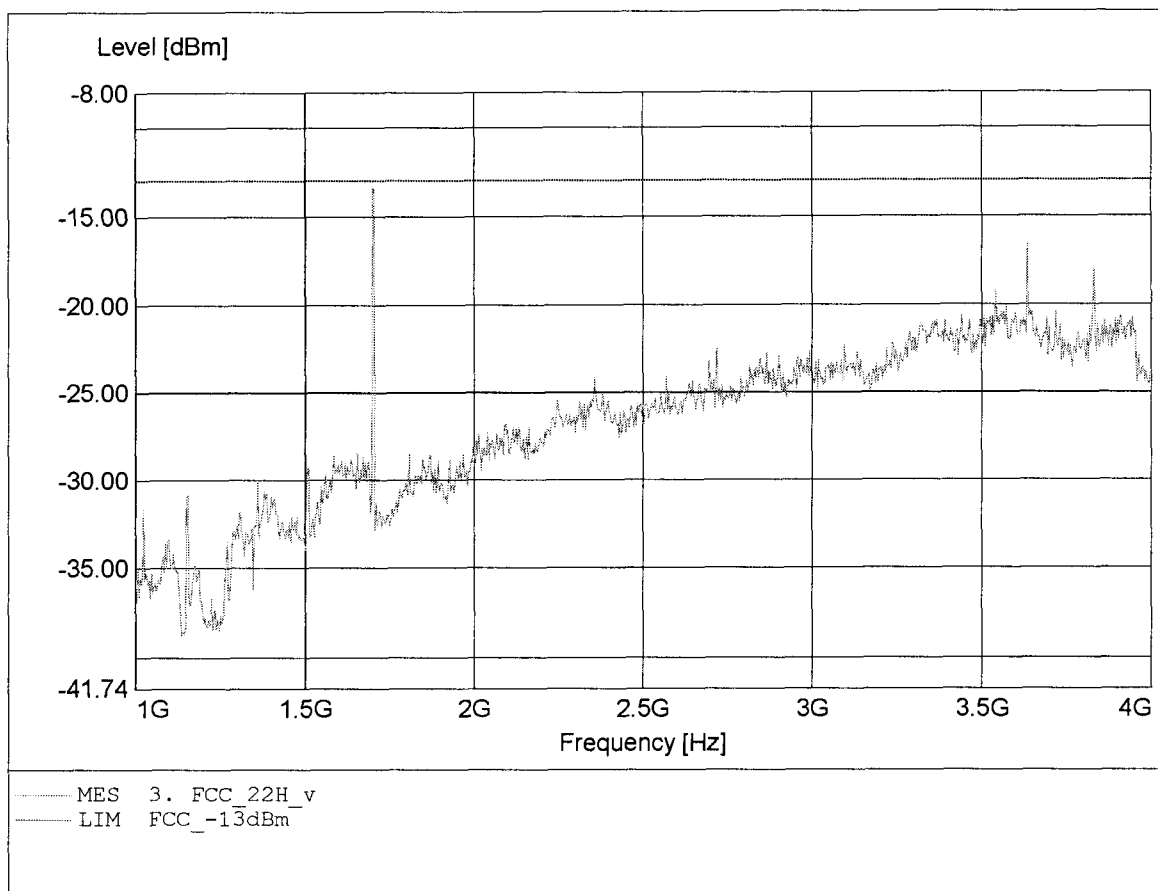
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.940GHz, Pmax: -22.27dBm, RBW: 1MHz



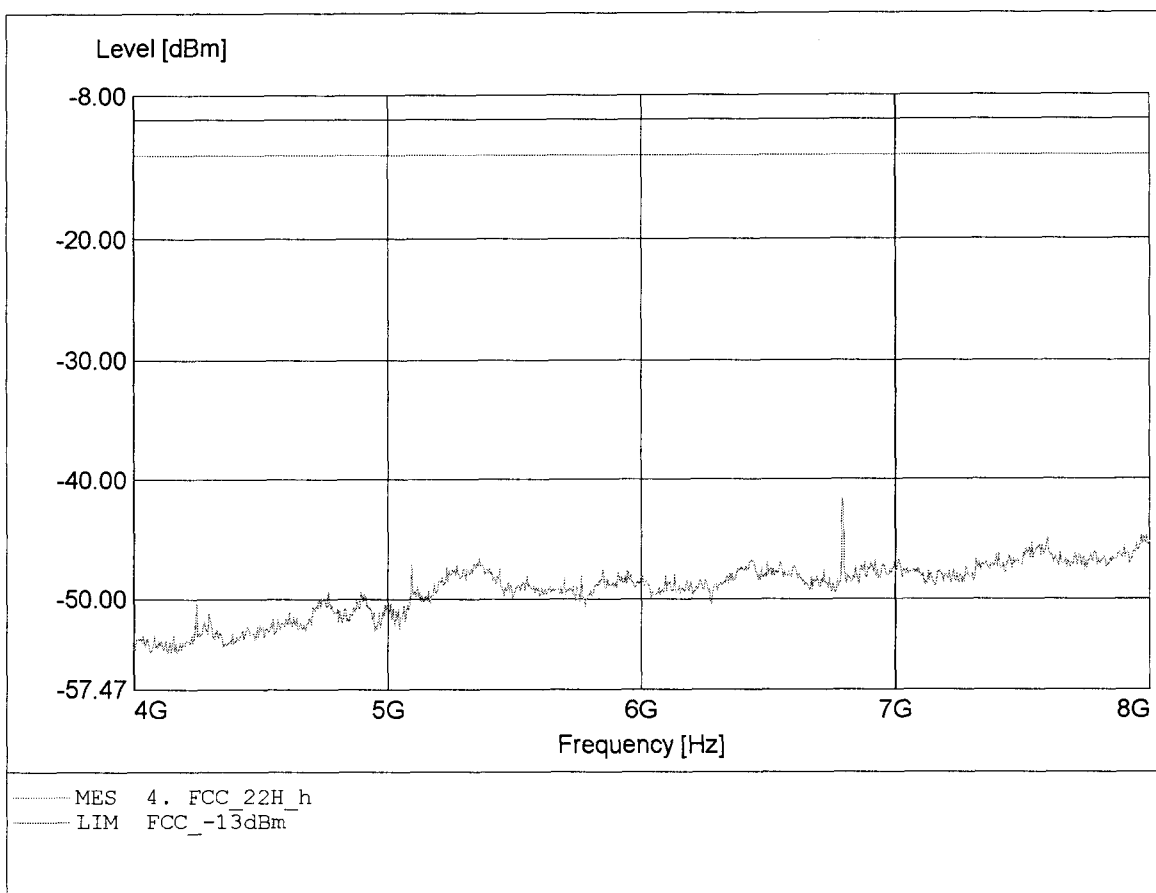
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Pudell  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.700GHz, Pmax: -13.42dBm, RBW: 1MHz



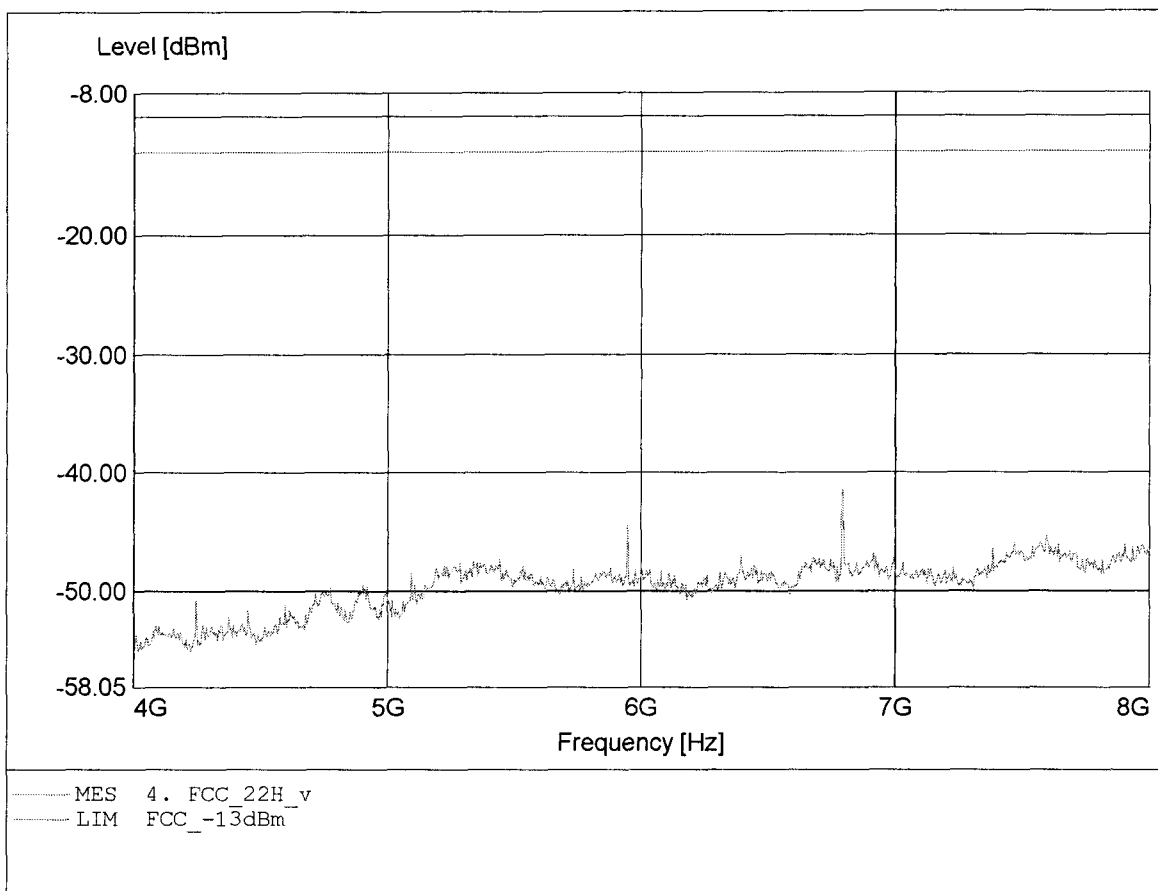
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.791GHz, Pmax: -41.49dBm, RBW: 1MHz



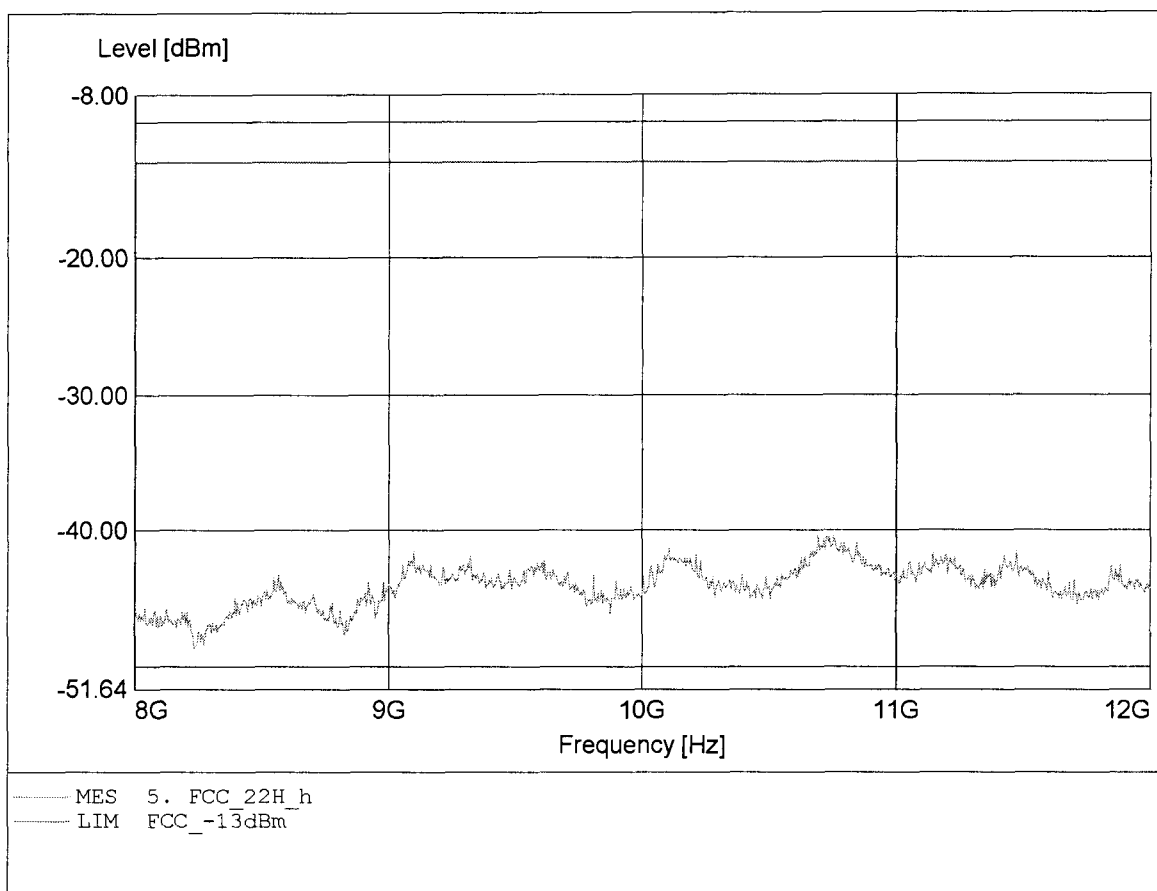
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.796GHz, Pmax: -41.41dBm, RBW: 1MHz



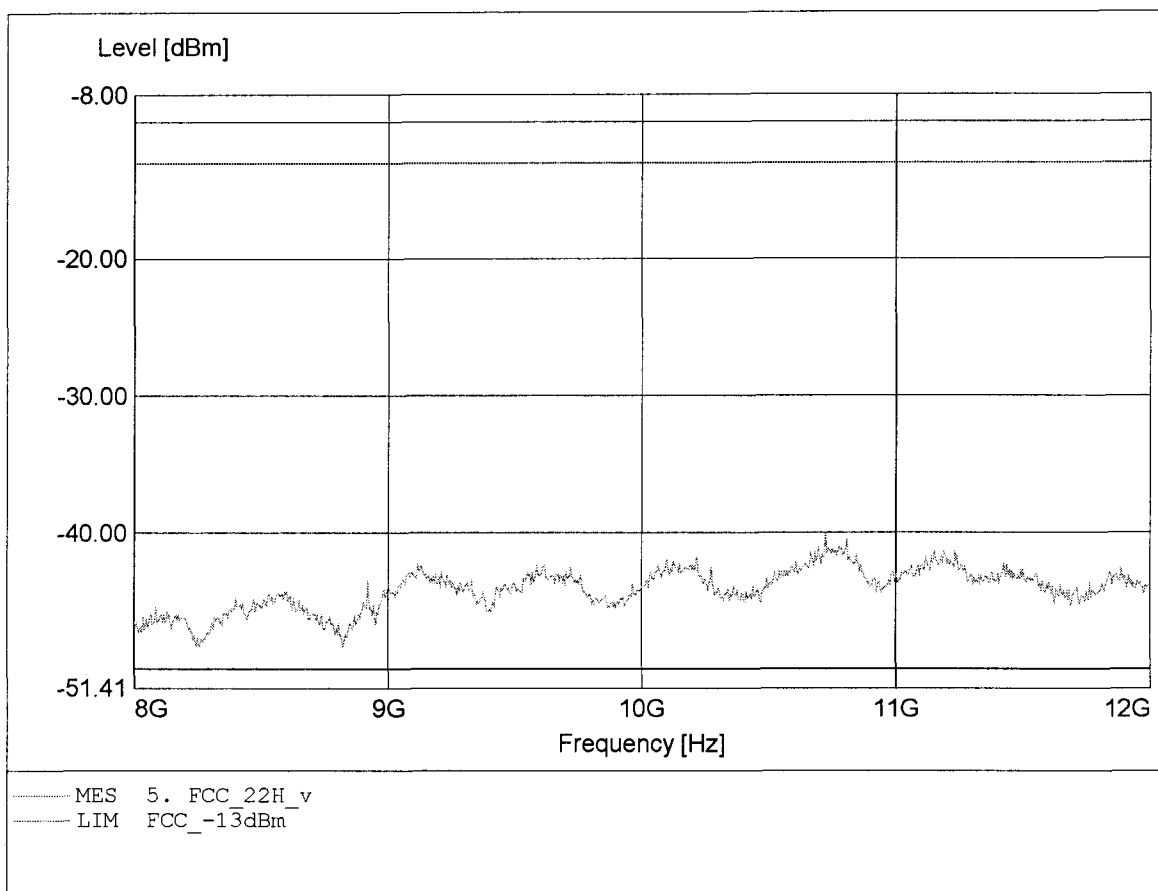
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.693GHz, Pmax: -40.37dBm, RBW: 1MHz



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

Approval Holder: Pantech CO., LTD.  
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)  
Model / Channel: PG - 1810 / Ch.: 251  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.724GHz, Pmax: -39.95dBm, RBW: 1MHz



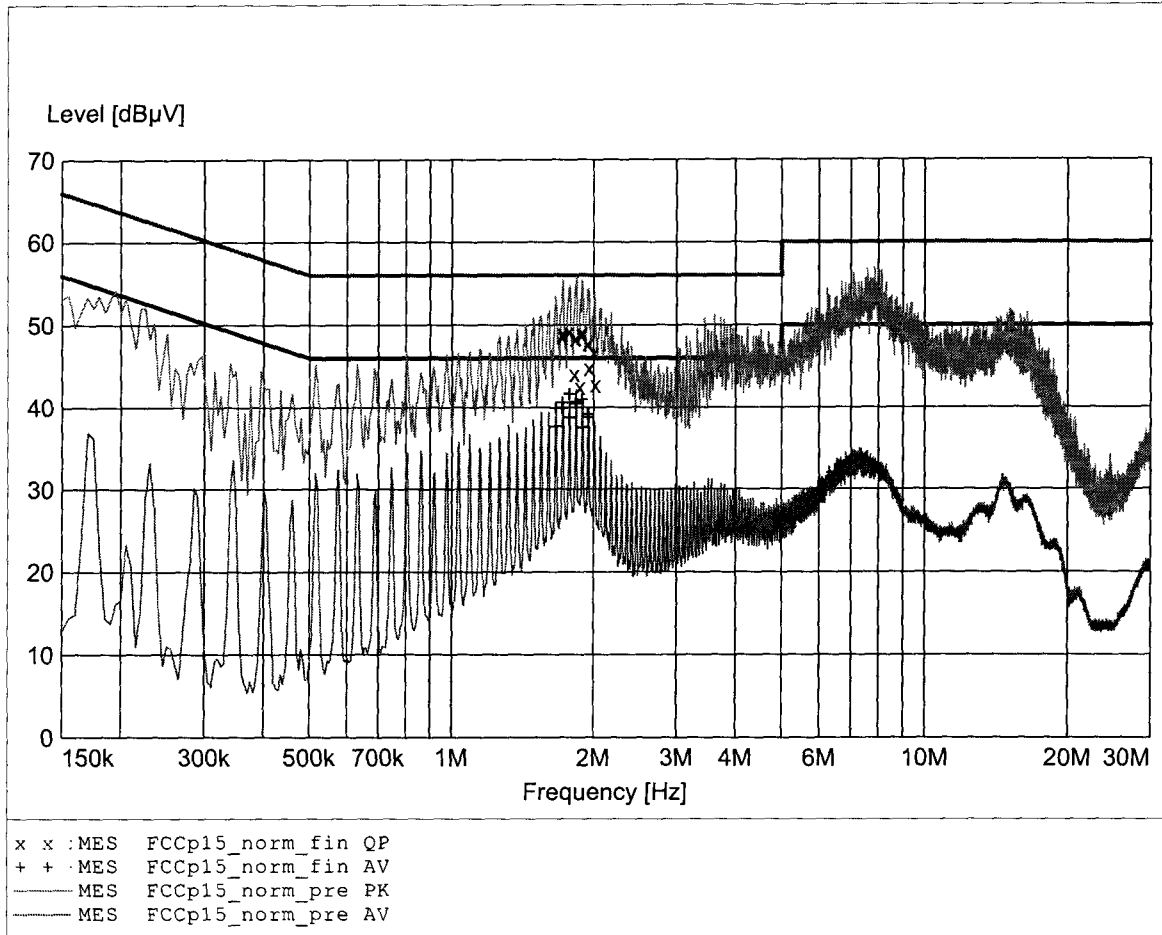


## Appendix J

Line Conducted Emissions

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

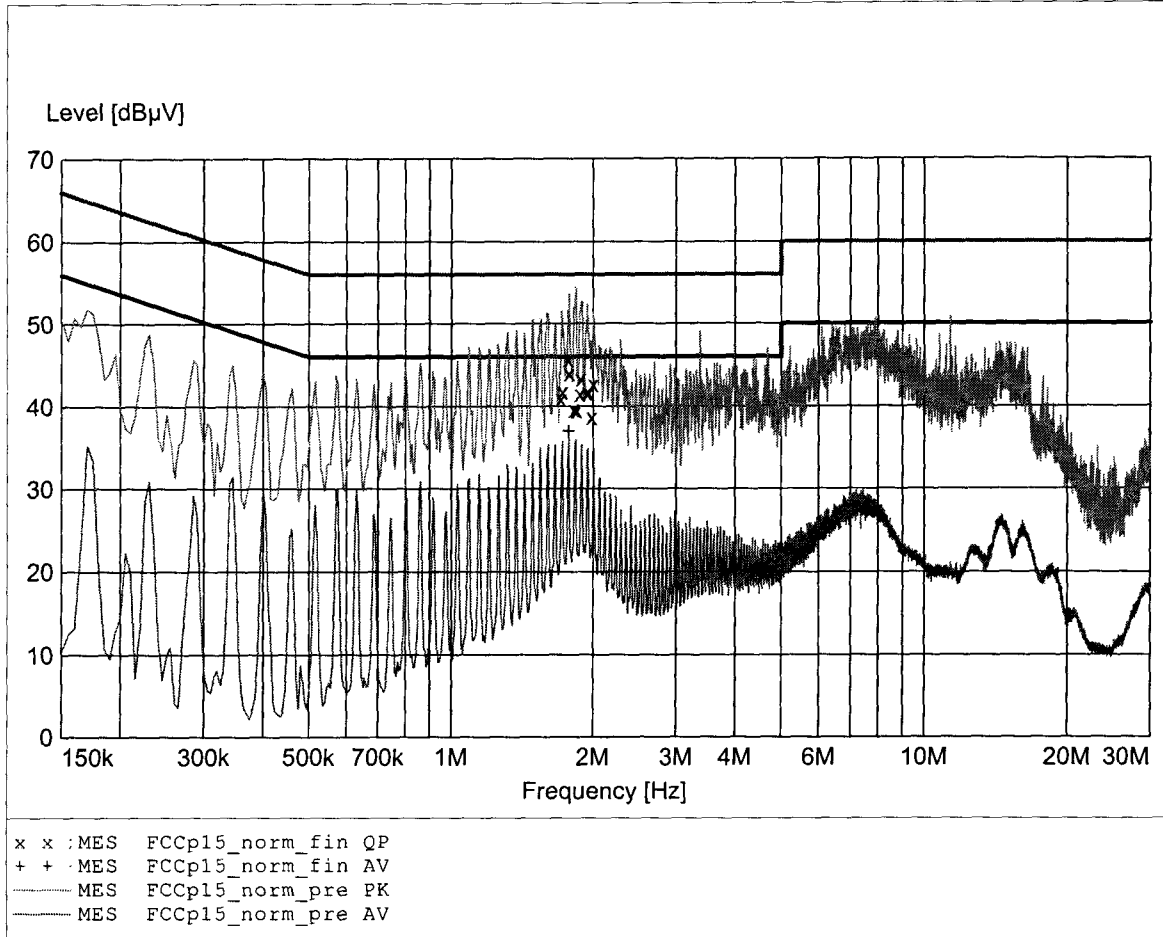
EUT: Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
Manufacturer: Pantech Co., Ltd.  
Operating Condition: Unom: 120 V AC (AC/DC adaptor), Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Marquardt  
Test Specification: V-Network: ESH2-Z5 (L1)  
Comment: model: PG-1810 mode: GSM 850 / PCL 5 + charging  
adaptor: 5265C2-MC





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

EUT: Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)  
Manufacturer: Pantech Co., Ltd.  
Operating Condition: Unom: 120 V AC (AC/DC adaptor), Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Marquardt  
Test Specification: V-Network: ESH2-Z5 (N)  
Comment: model: PG-1810 mode: GSM 850 / PCL 5 + charging  
adaptor: 5265C2-MC



## 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