



## Appendix B

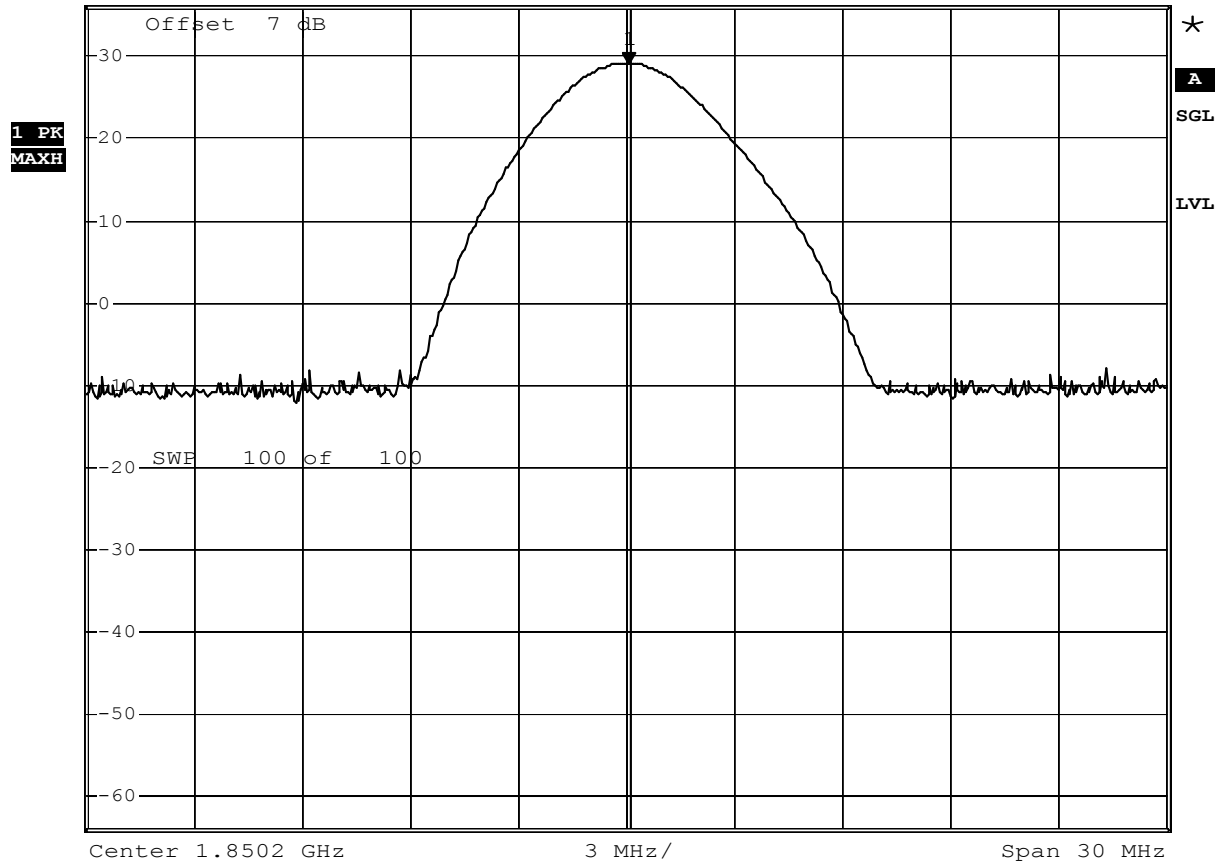
RF Power Output

### FCC Part 24 E Output power conducted

EUT	Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)
Model	PG-1310V
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Heide
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 512
Comment 1	
Comment 2	



\*RBW 3 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz                      29.13 dBm  
 Ref 36 dBm      Att 60 dB      SWT 2.5 ms      1.850260000 GHz



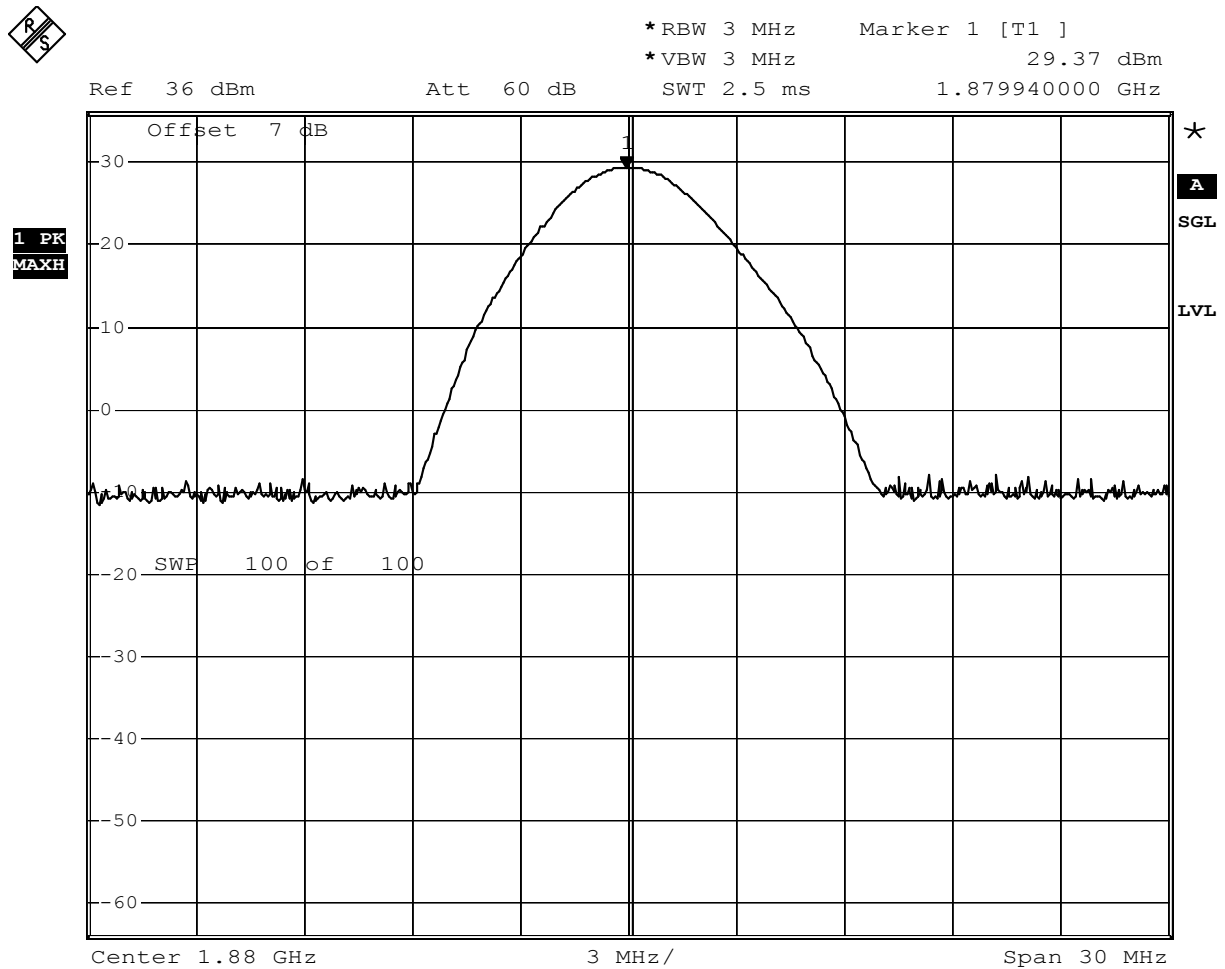
Date: 24.MAR.2006 19:54:17

Measurement diagram



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

EUT	Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)
Model	PG-1310V
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Heide
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 661
Comment 1	
Comment 2	



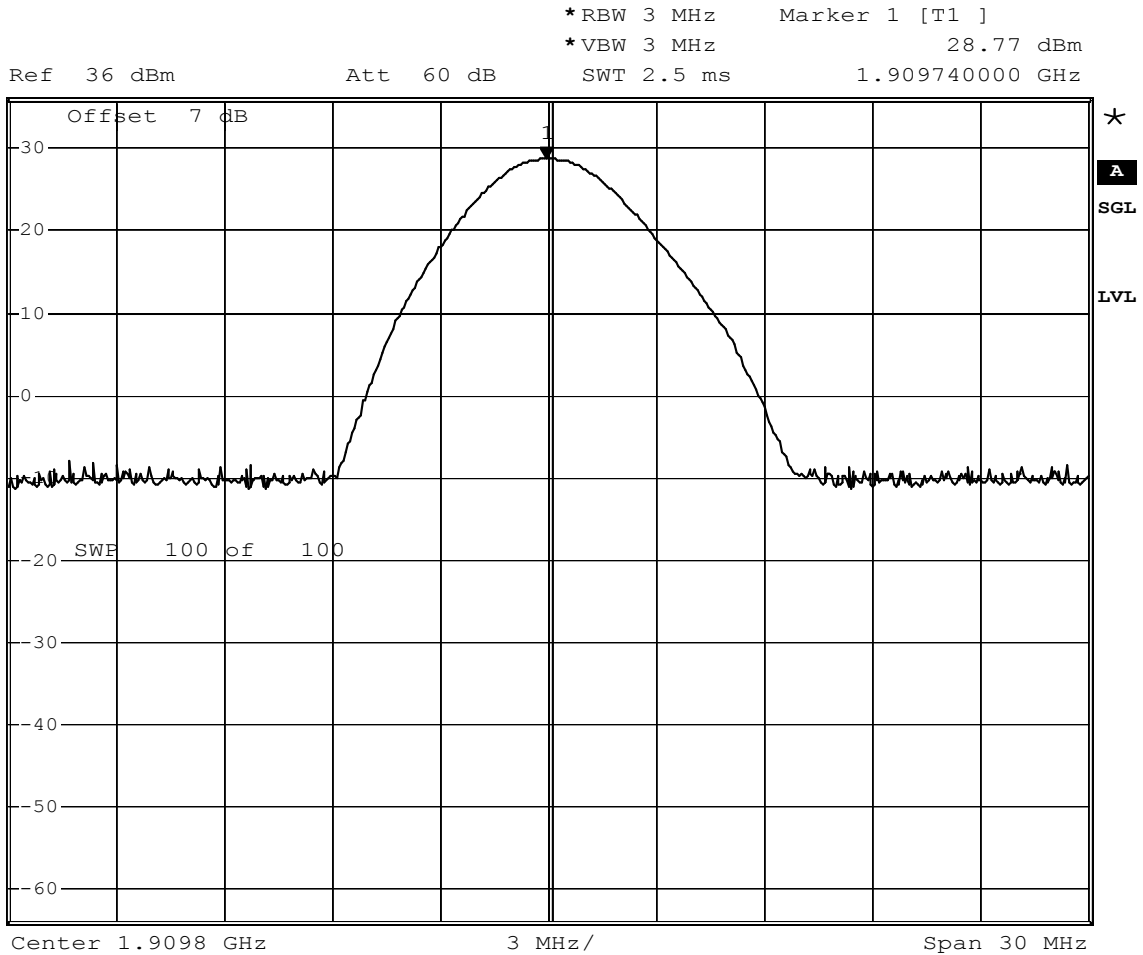
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Measurement diagram



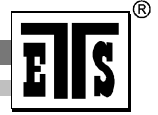
FCC Part 24 E  
Output power conducted

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model PG-1310V  
Approval Holder Pantech Co., Ltd.  
Temperature / Voltage 24°C / Unom: 4.20 V DC  
Test Site / Operator ETS / Mr. Heide  
Test Specification FCC Part 24 Subpart E - Broadband PCS  
Test Case Channel: 810  
Comment 1  
Comment 2



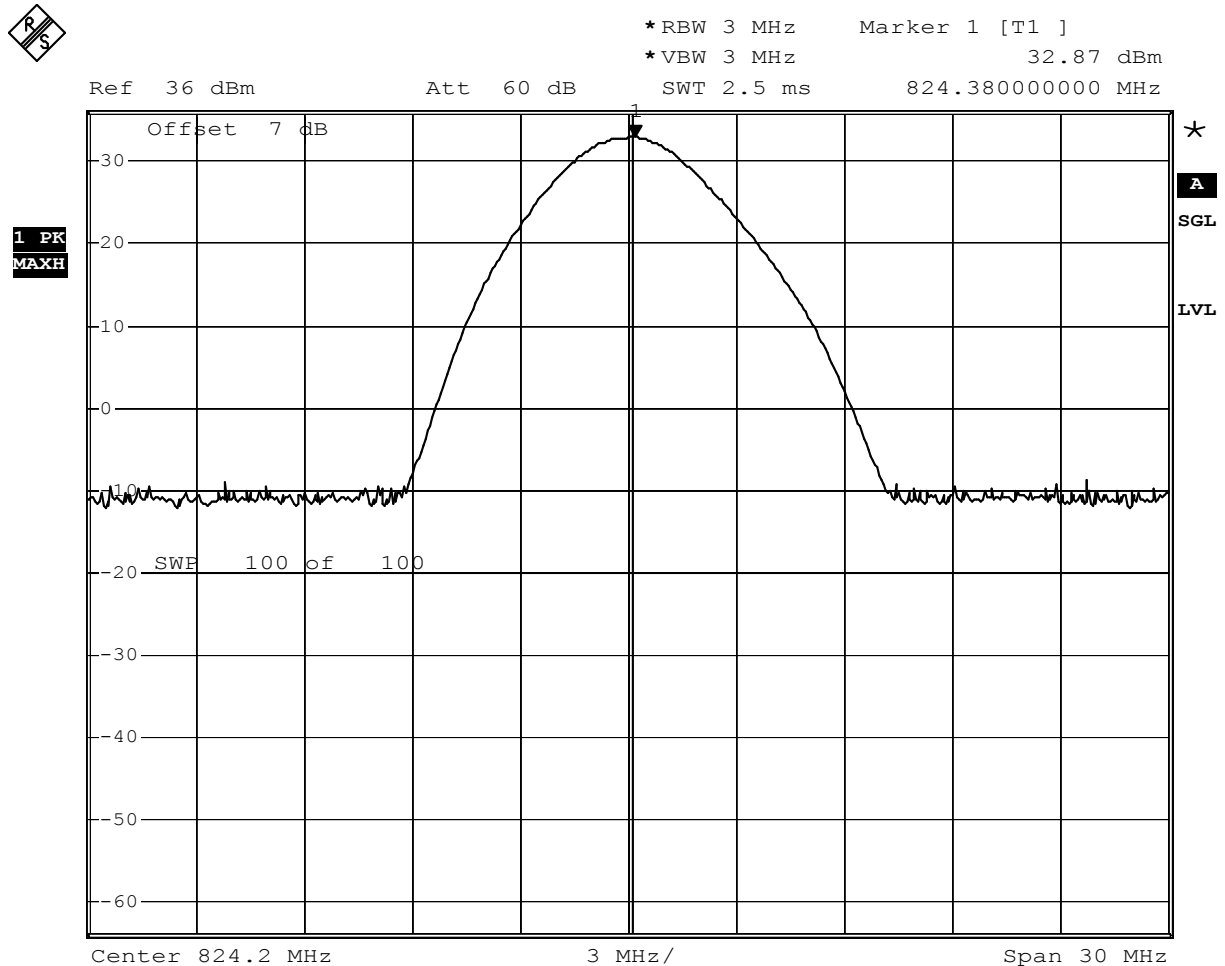
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Measurement diagram



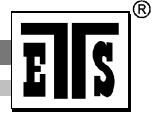
**FCC Part 22 H**  
**Output power conducted**

EUT	Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)
Model	PG-1310V
Approval Holder	Pantech Co., Ltd
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Heide
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 128
Comment 1	
Comment 2	



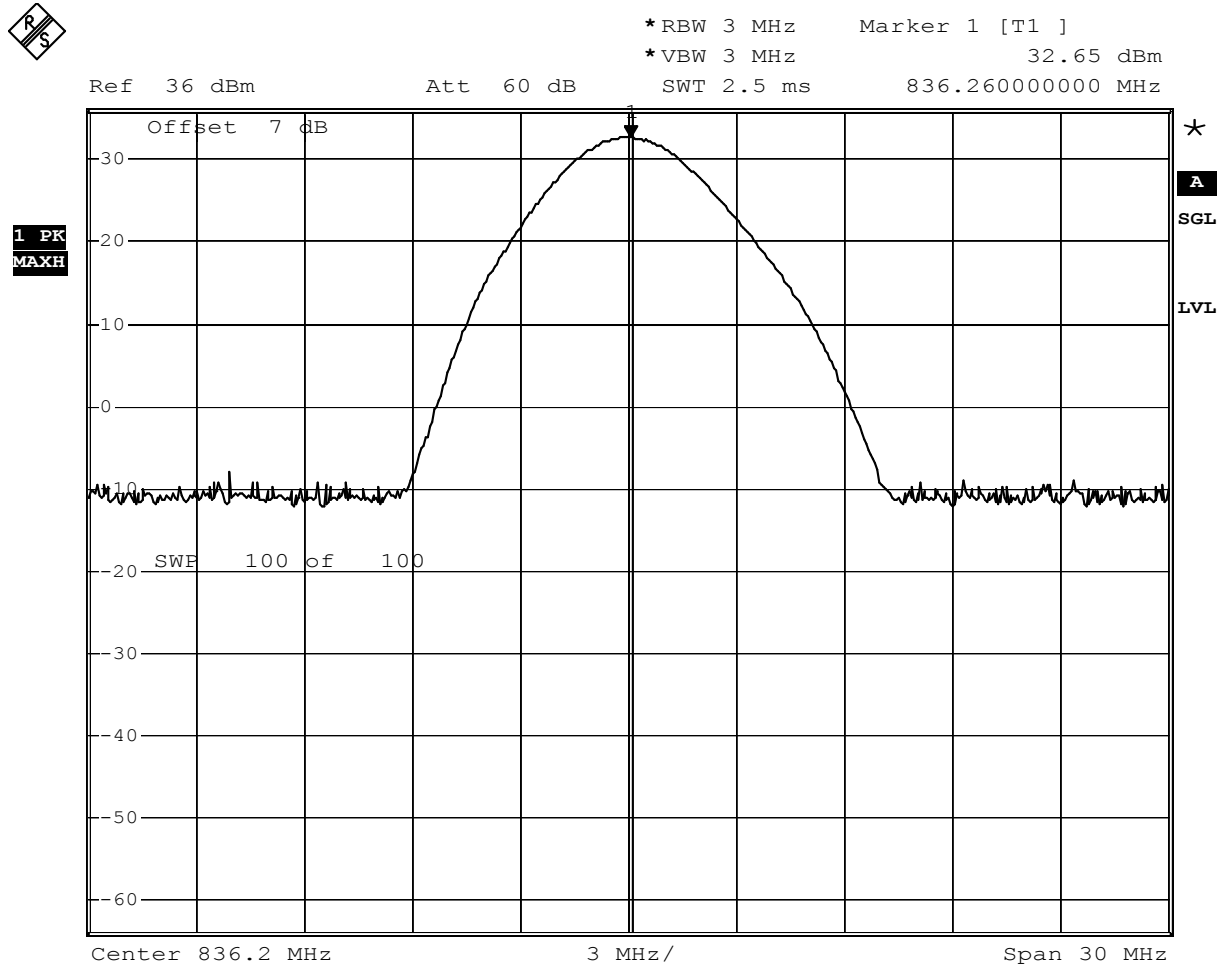
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Measurement diagram



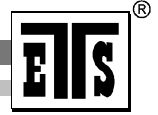
**FCC Part 22 H  
Output power conducted**

EUT	Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)
Model	PG-1310V
Approval Holder	Pantech Co., Ltd
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Heide
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 188
Comment 1	
Comment 2	



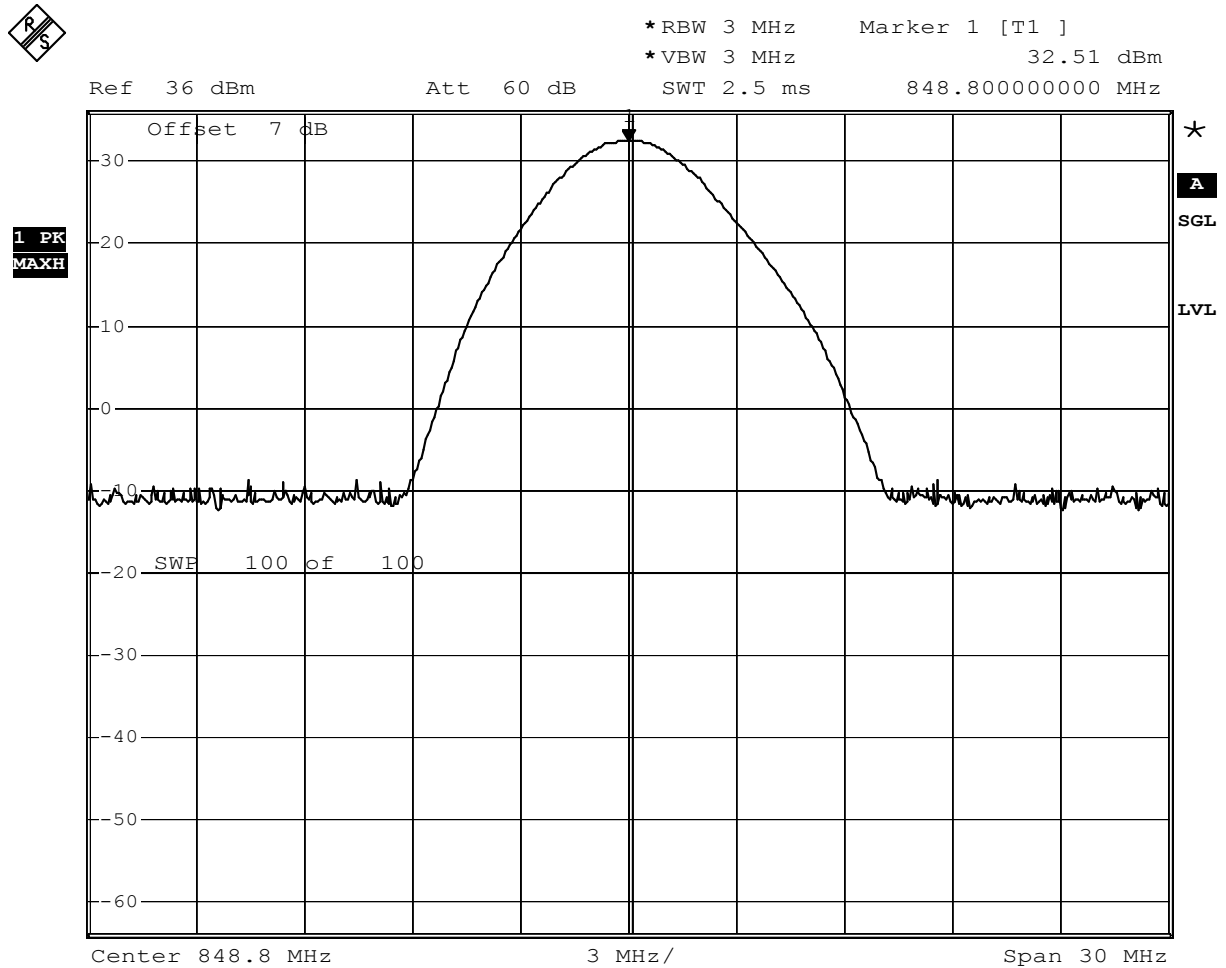
Date: 24.MAR.2006 19:14:50

Measurement diagram



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

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model PG-1310V  
Approval Holder Pantech Co., Ltd  
Temperature / Voltage 24°C / Unom: 4.20 V DC  
Test Site / Operator ETS / Mr. Heide  
Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
Test Case Channel: 251  
Comment 1  
Comment 2



Date: 24.MAR.2006 19:14:01

Measurement diagram



## Appendix C

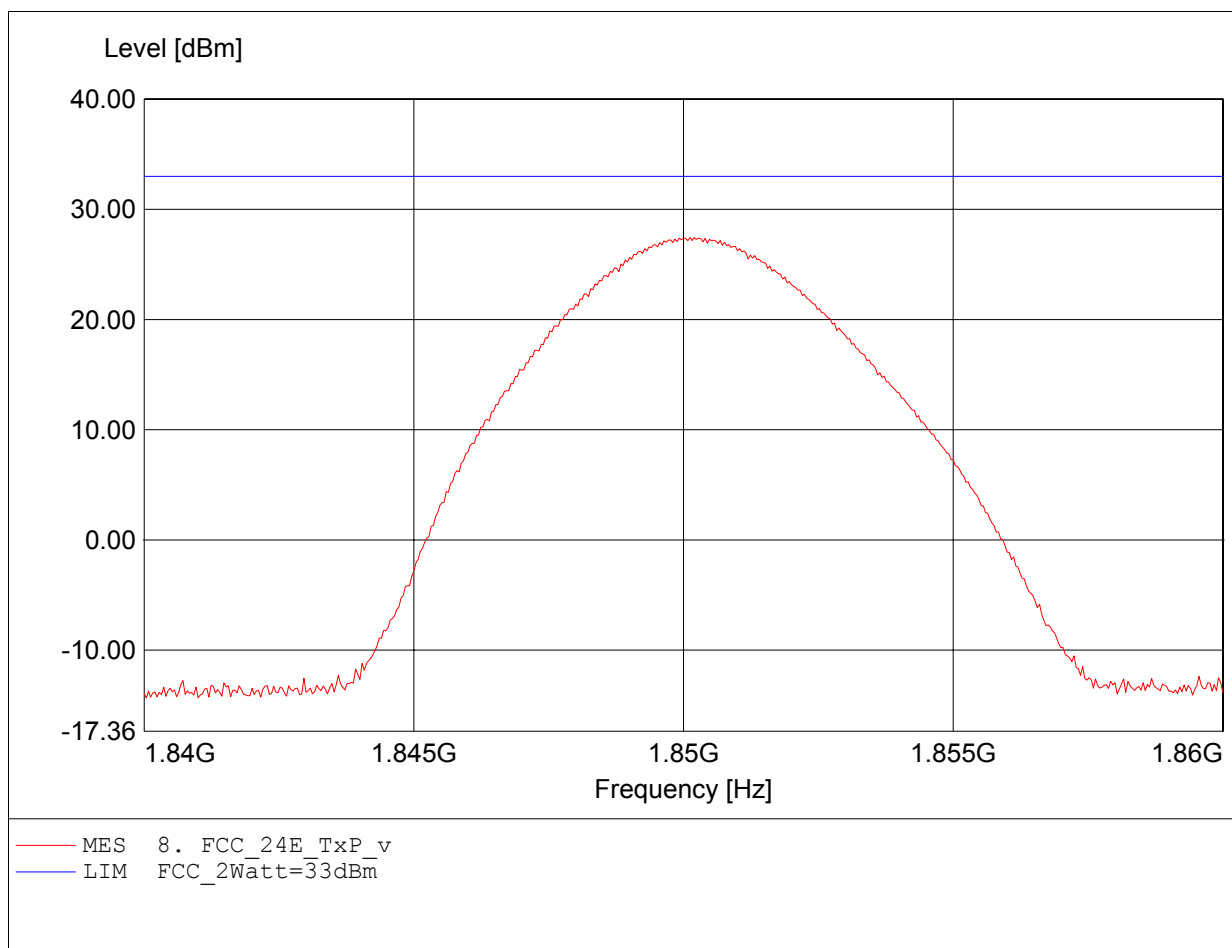
ERP, EIRP



# Equivalent Isotropically Radiated Power

## FCC RULES PART 24 SUBPART E

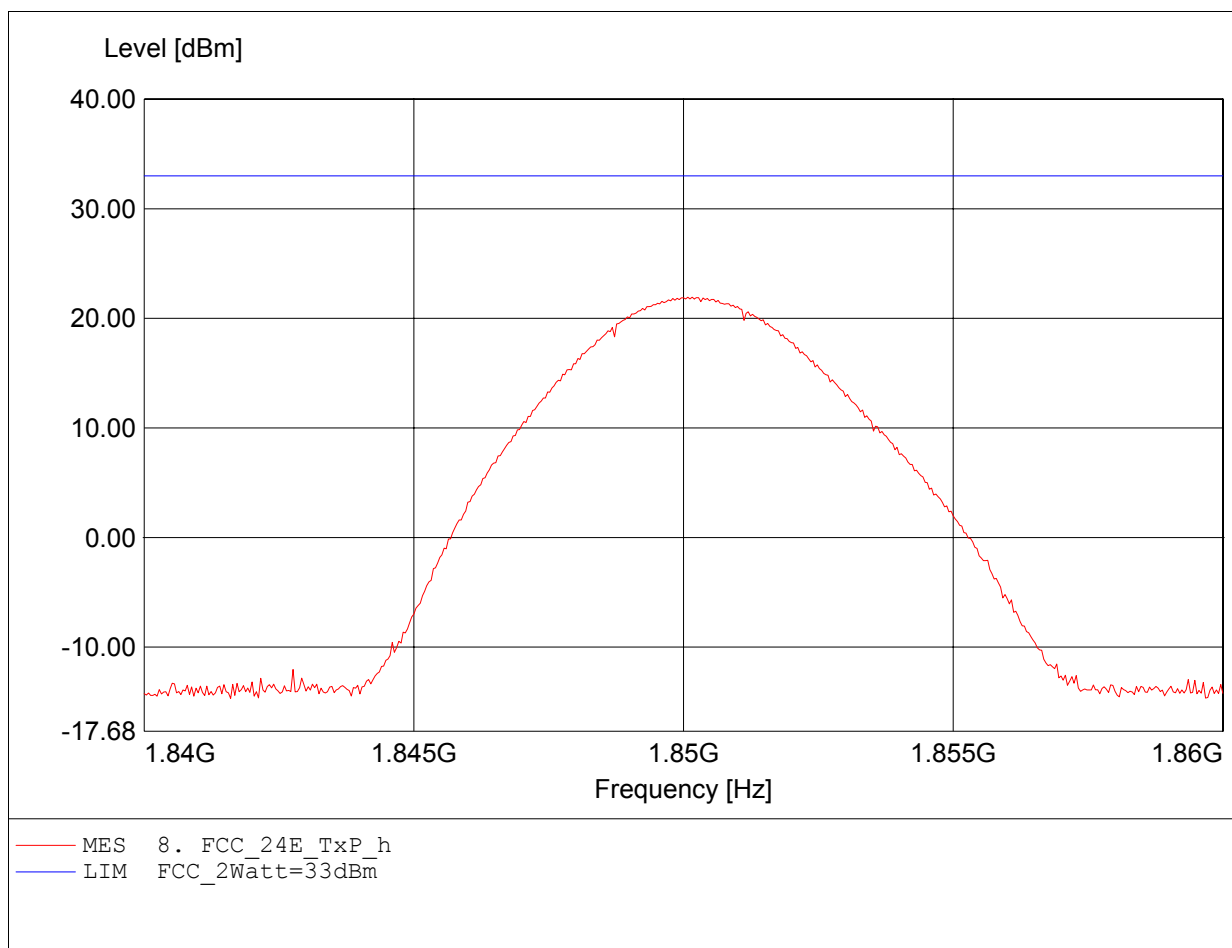
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 27.43dBm, RBW: 3MHz



**Equivalent Isotropically Radiated Power**

**FCC RULES PART 24 SUBPART E**

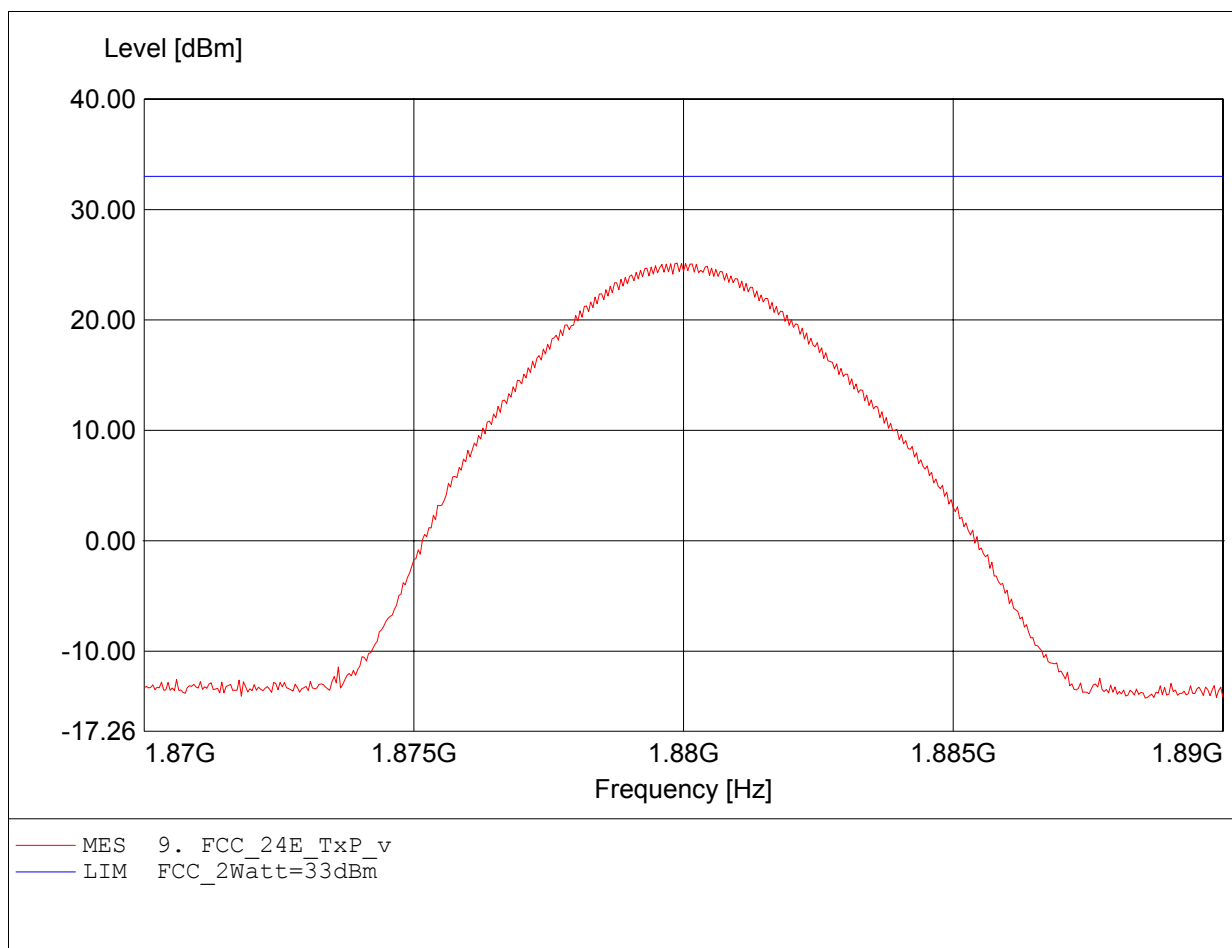
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 21.93dBm, RBW: 3MHz



# Equivalent Isotropically Radiated Power

## FCC RULES PART 24 SUBPART E

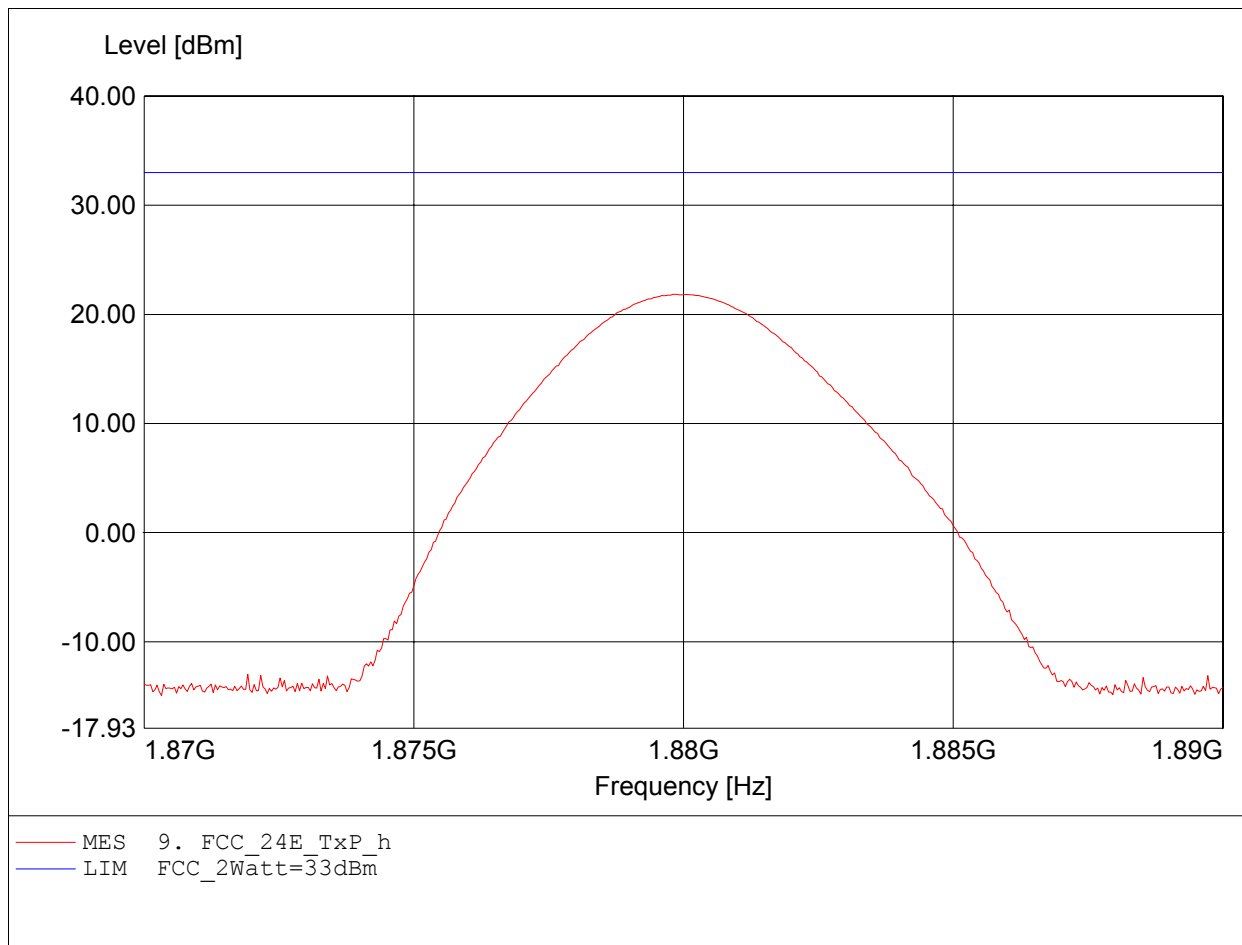
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 25.15dBm, RBW: 3MHz



# Equivalent Isotropically Radiated Power

## FCC RULES PART 24 SUBPART E

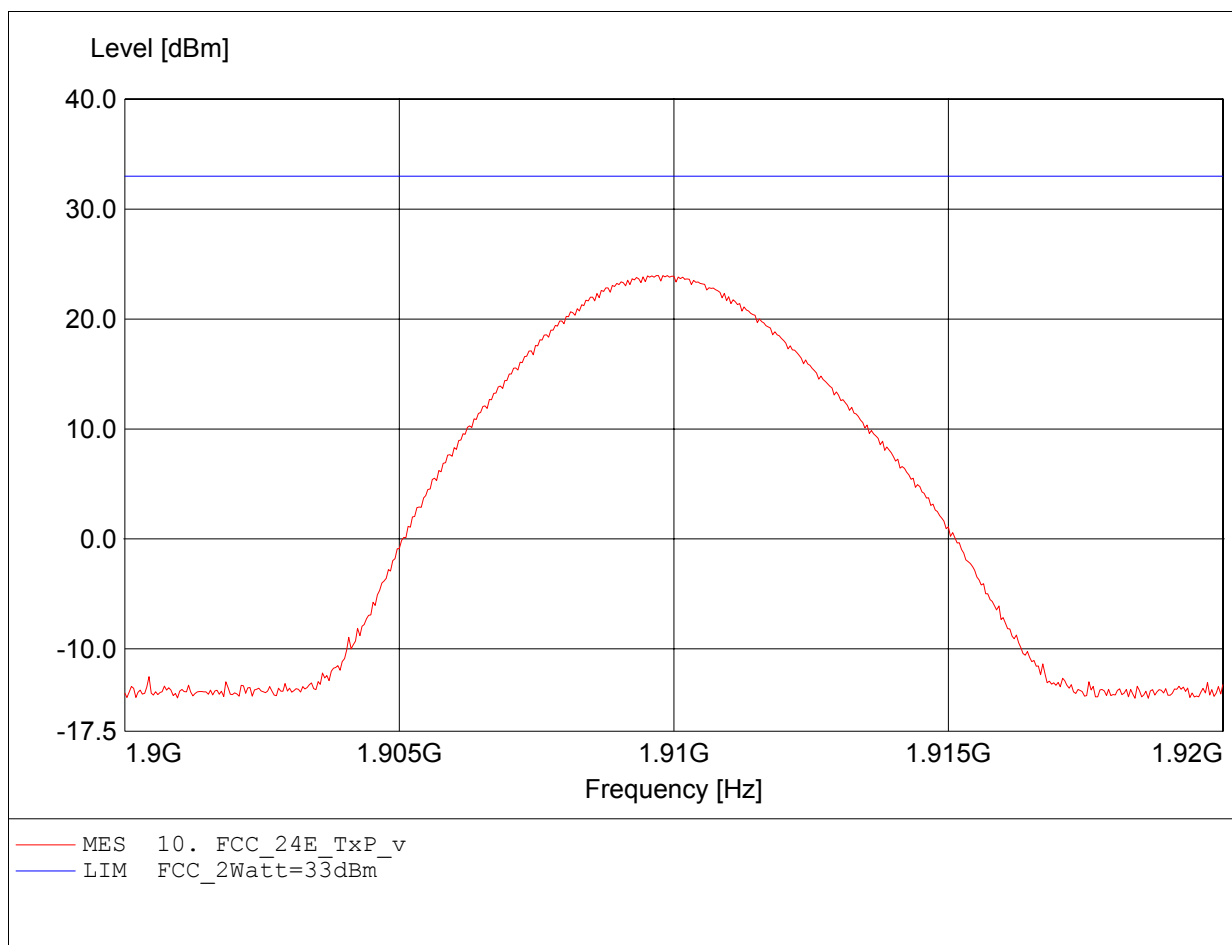
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 21.83dBm, RBW: 3MHz



# Equivalent Isotropically Radiated Power

## FCC RULES PART 24 SUBPART E

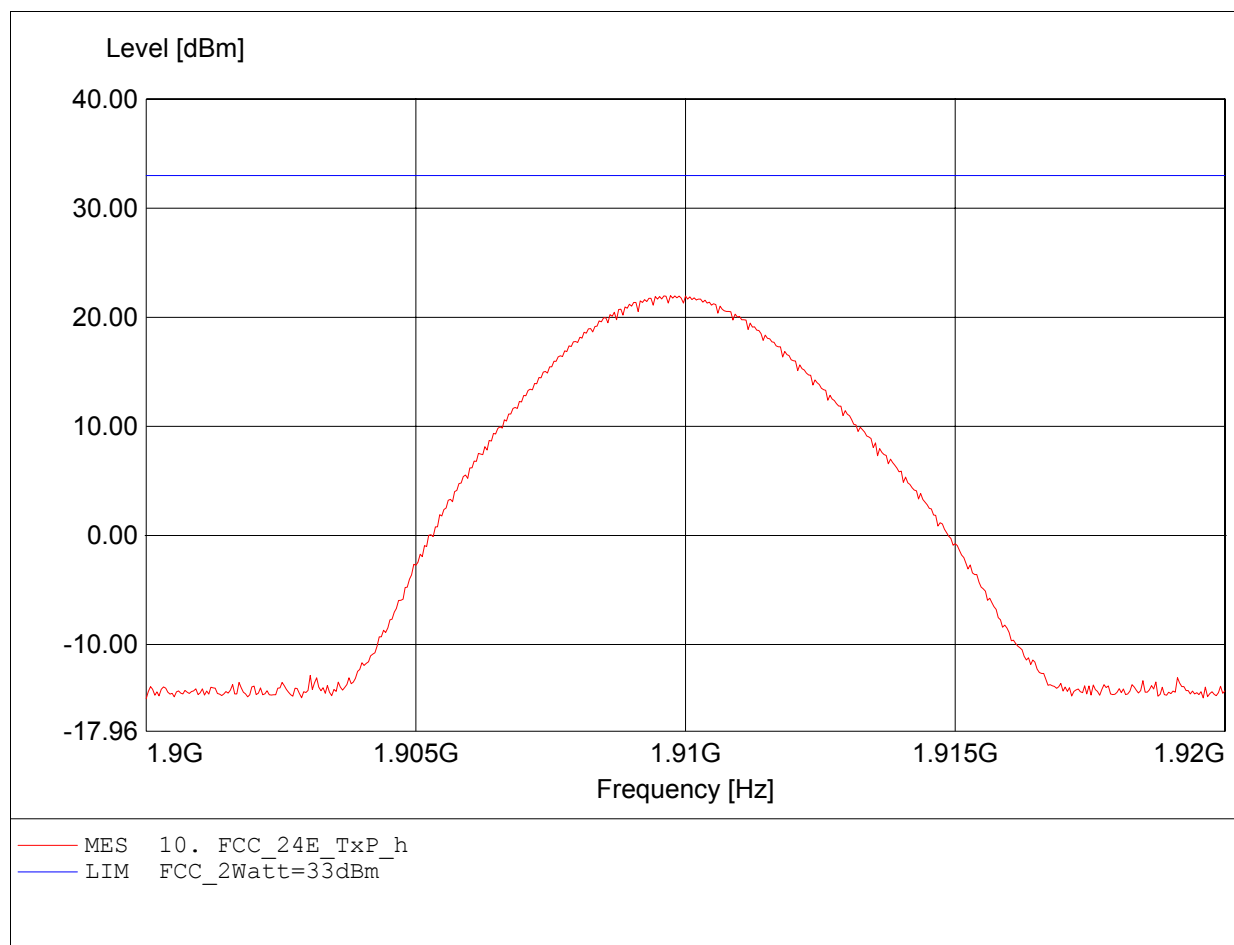
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 23.96dBm, RBW: 3MHz



# Equivalent Isotropically Radiated Power

## FCC RULES PART 24 SUBPART E

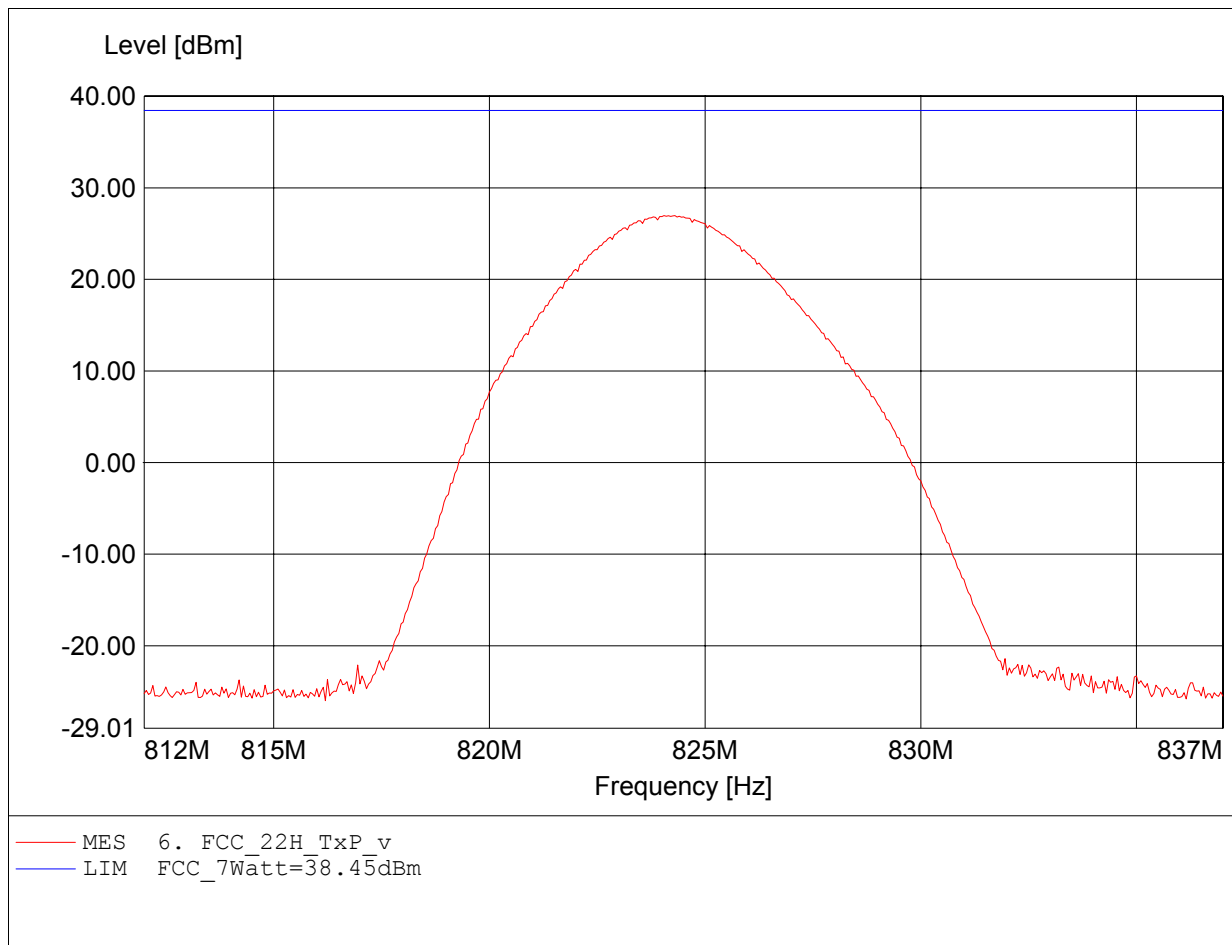
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 22.00dBm, RBW: 3MHz



**Effective Radiated Power**

**FCC RULES PART 22 SUBPART H**

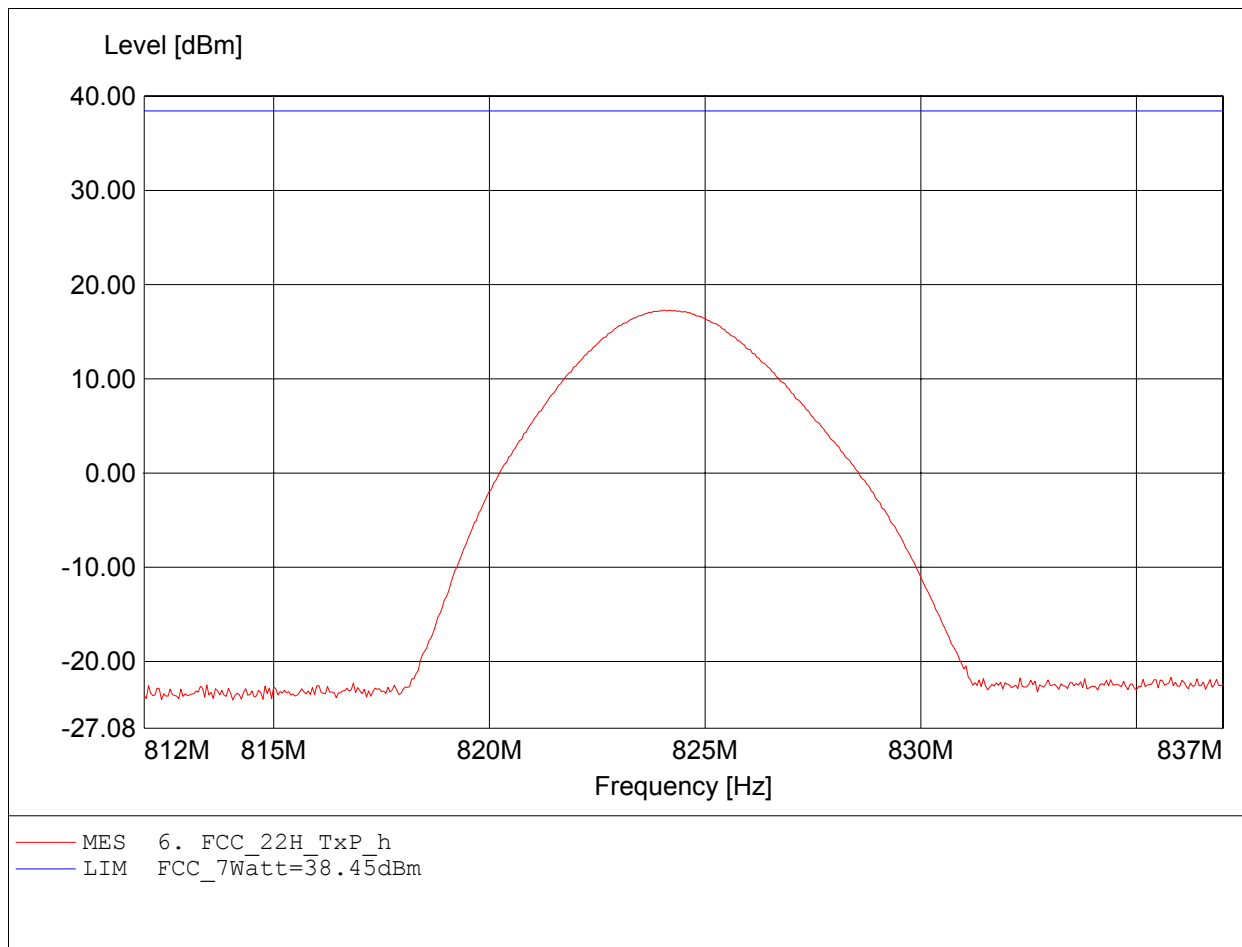
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.050MHz, Pmax: 26.97dBm, 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-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.050MHz, Pmax: 17.31dBm, RBW: 3MHz

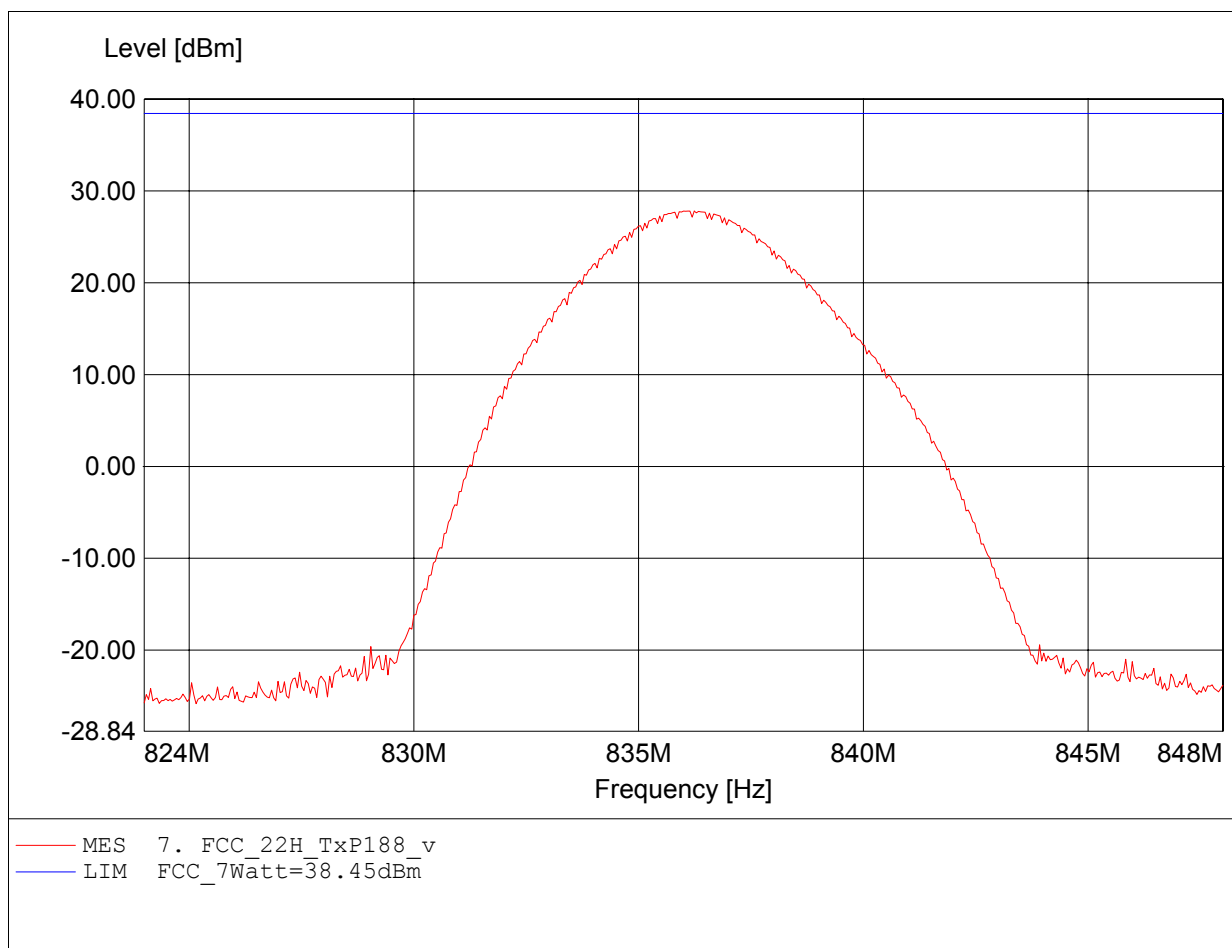




**Effective Radiated Power**

**FCC RULES PART 22 SUBPART H**

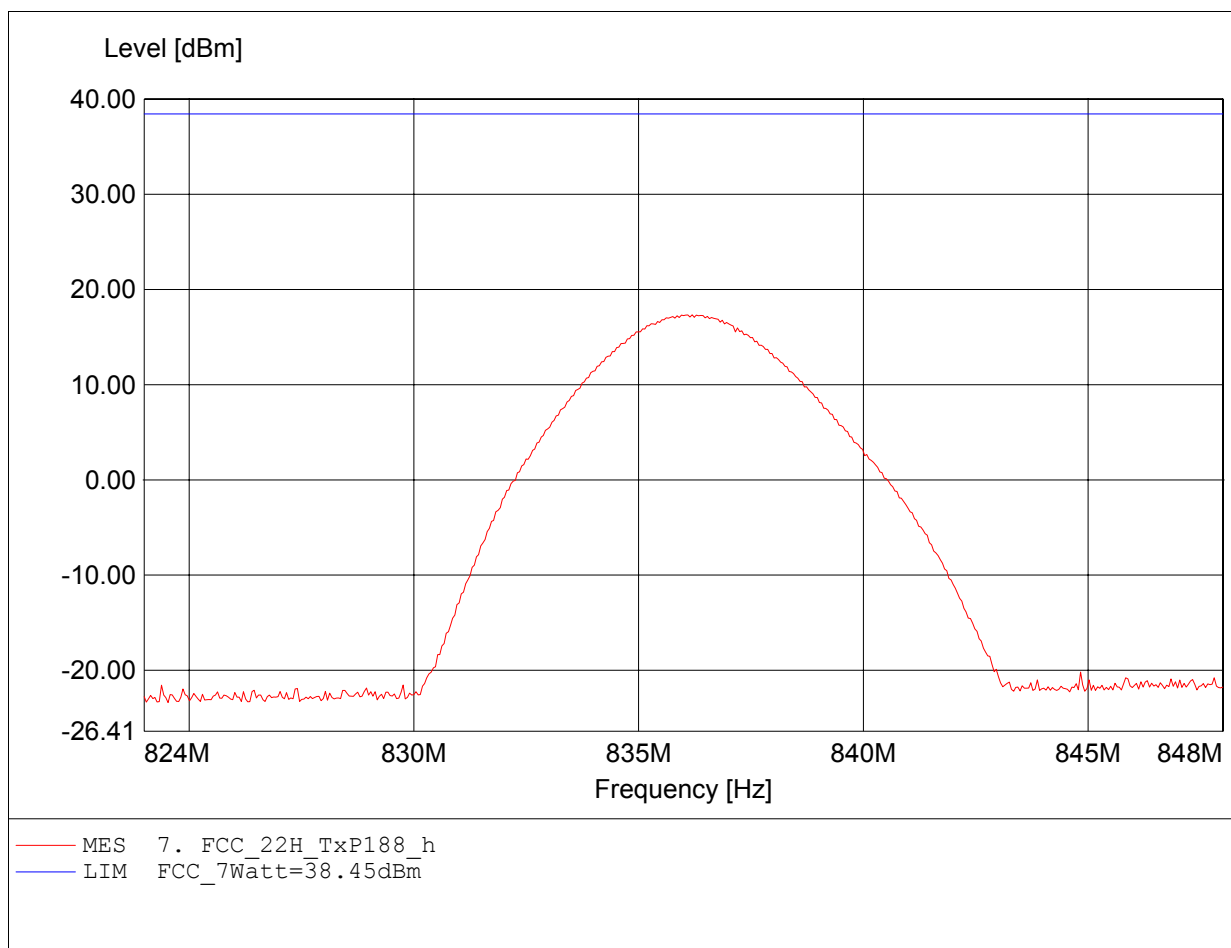
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.144MHz, Pmax: 27.82dBm, RBW: 3MHz



**Effective Radiated Power**

**FCC RULES PART 22 SUBPART H**

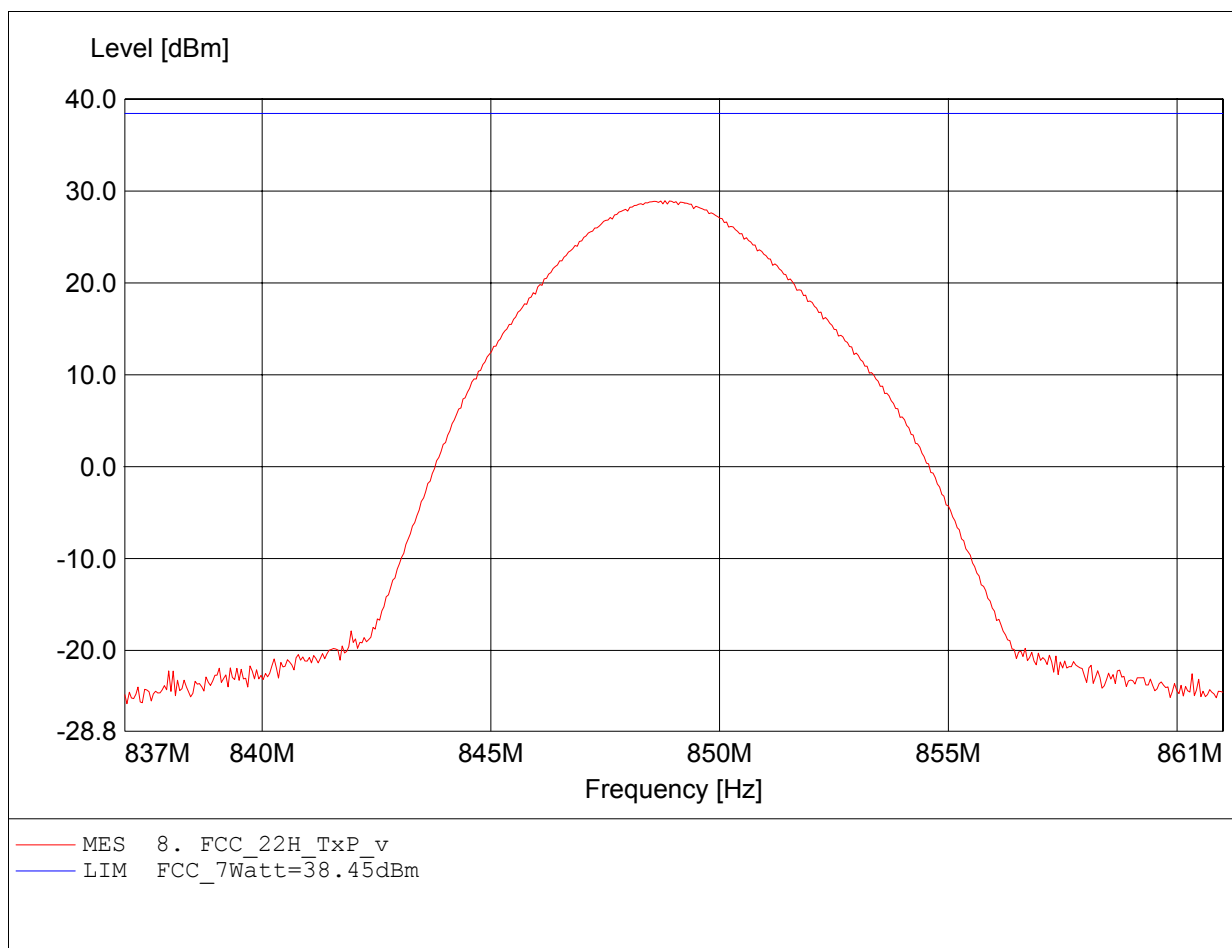
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 251  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.192MHz, Pmax: 17.34dBm, RBW: 3MHz



**Effective Radiated Power**

**FCC RULES PART 22 SUBPART H**

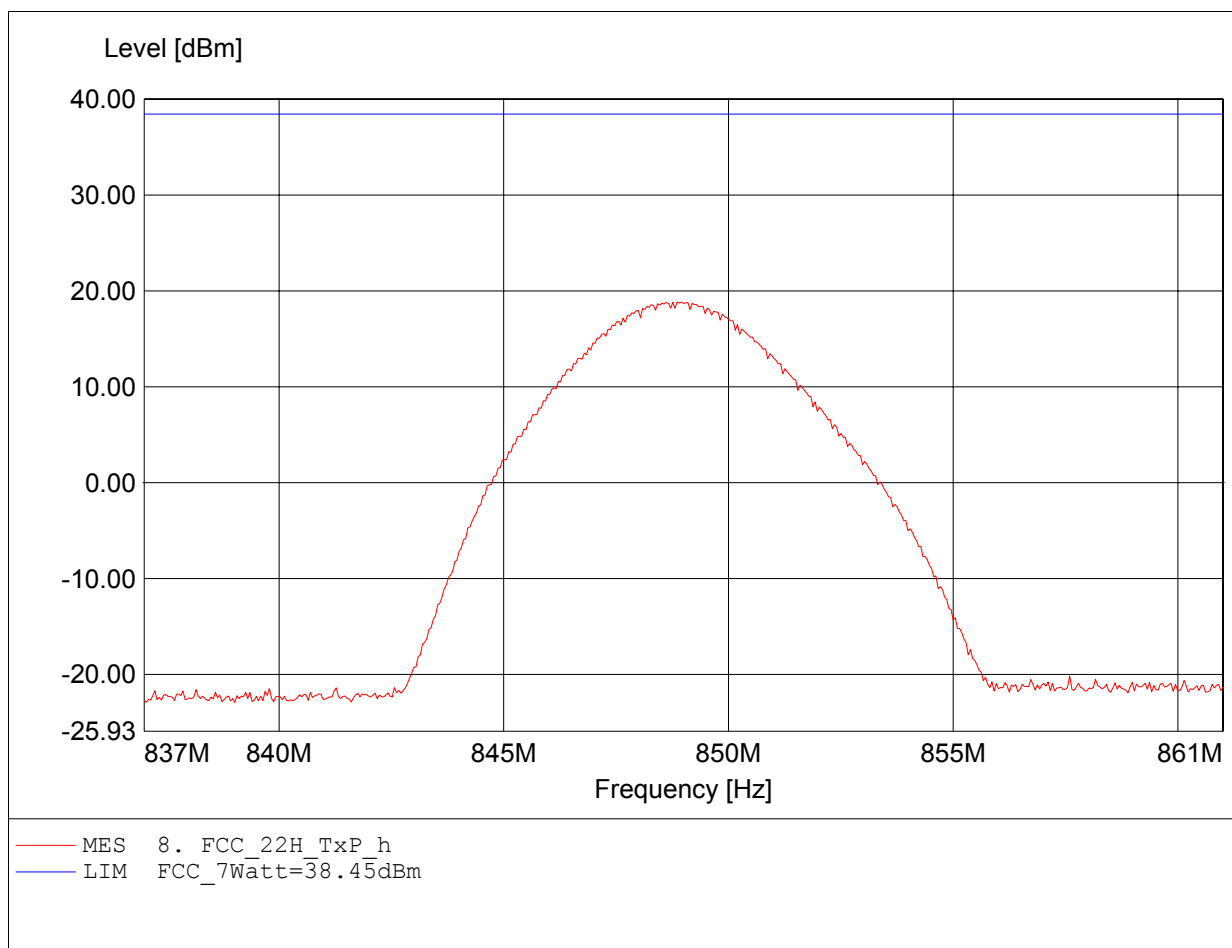
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EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 251  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.808MHz, Pmax: 28.95dBm, RBW: 3MHz



# Effective Radiated Power

## FCC RULES PART 22 SUBPART H

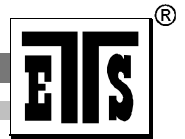
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 251  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.856MHz, Pmax: 18.85dBm, RBW: 3MHz





## Appendix D

### Modulation Requirements



## Appendix E

### Audio Filter Characteristics



## Appendix F

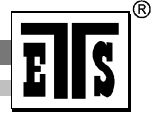
Emission Limitation



## Appendix G

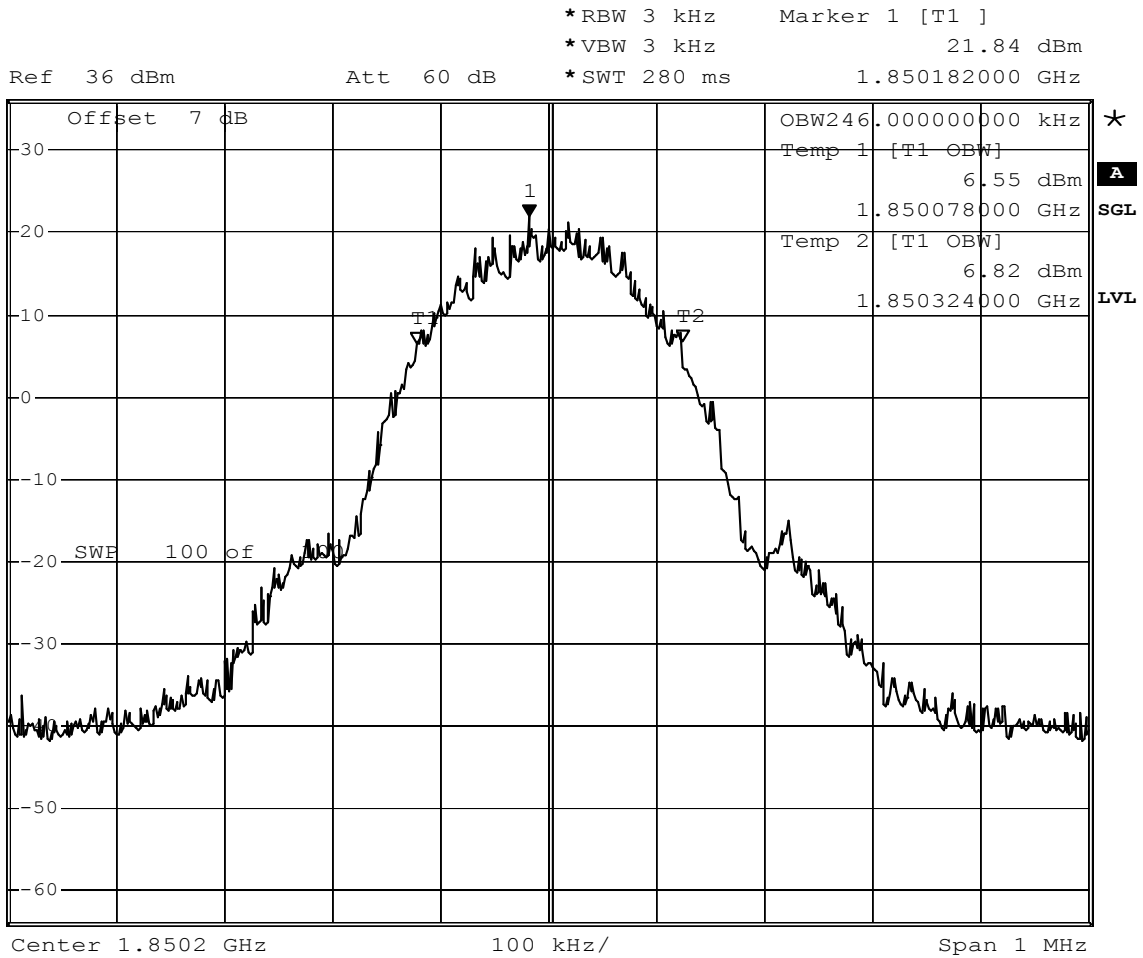
Occupied Bandwidth





**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 512  
 Comment 1  
 Comment 2



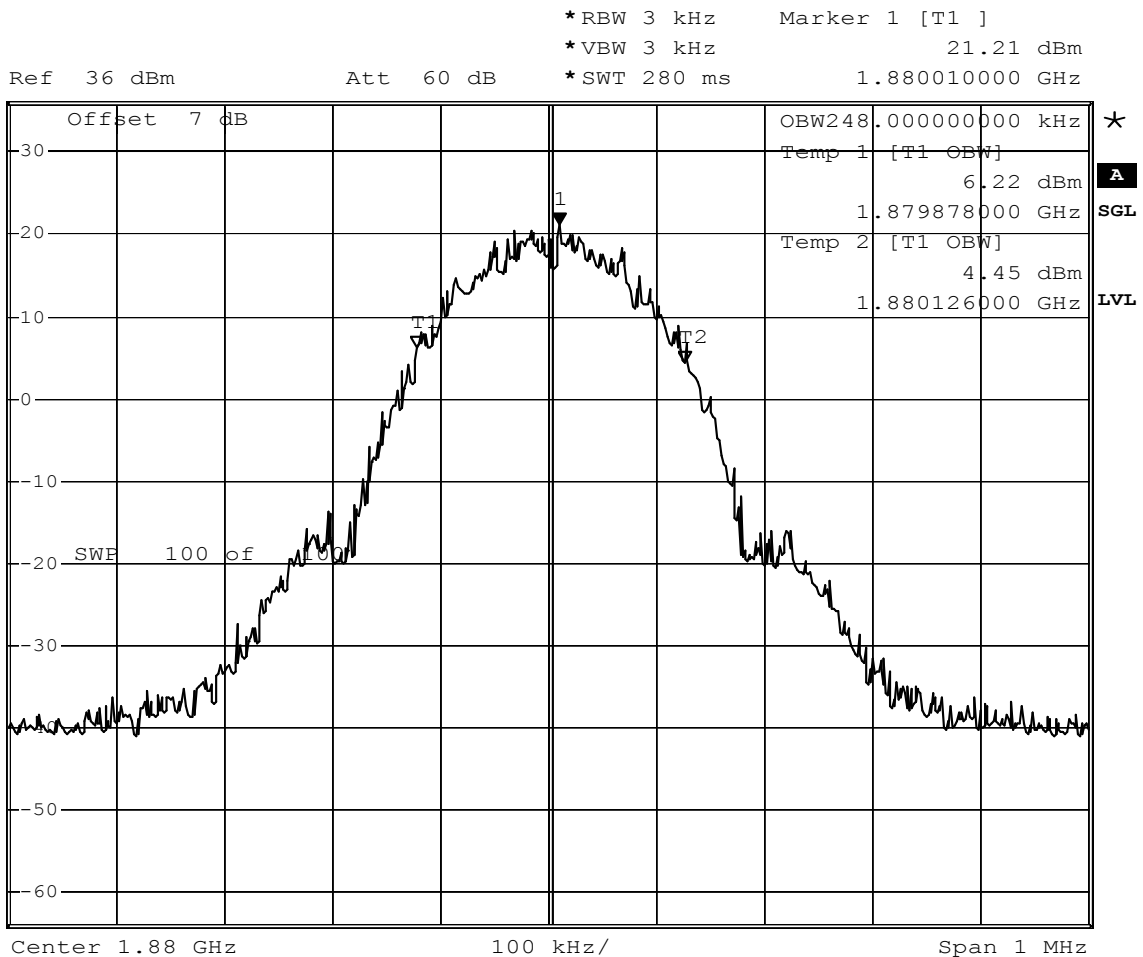
Date: 24.MAR.2006 19:55:23

Measurement diagram



**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 661  
 Comment 1  
 Comment 2



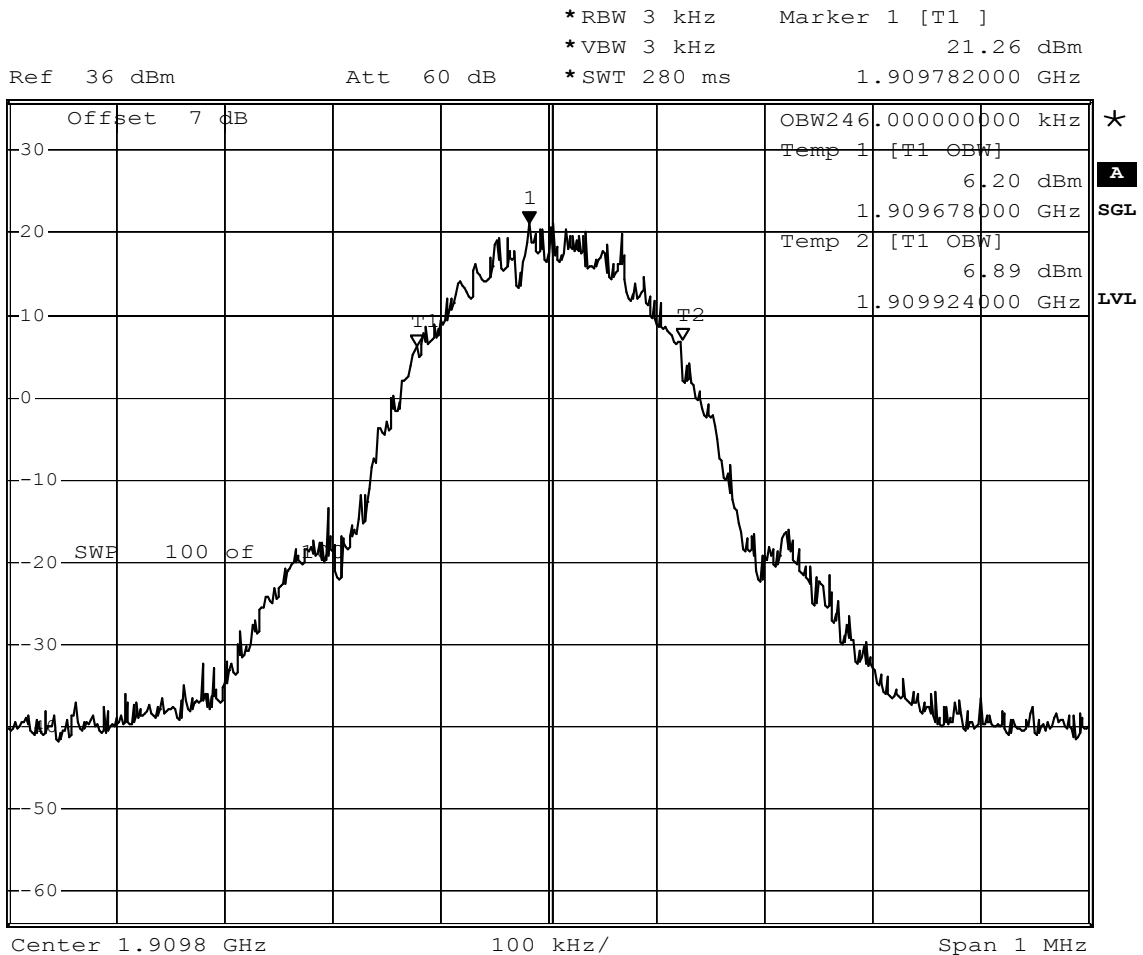
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Measurement diagram



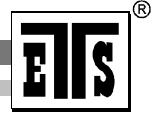
**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 810  
 Comment 1  
 Comment 2



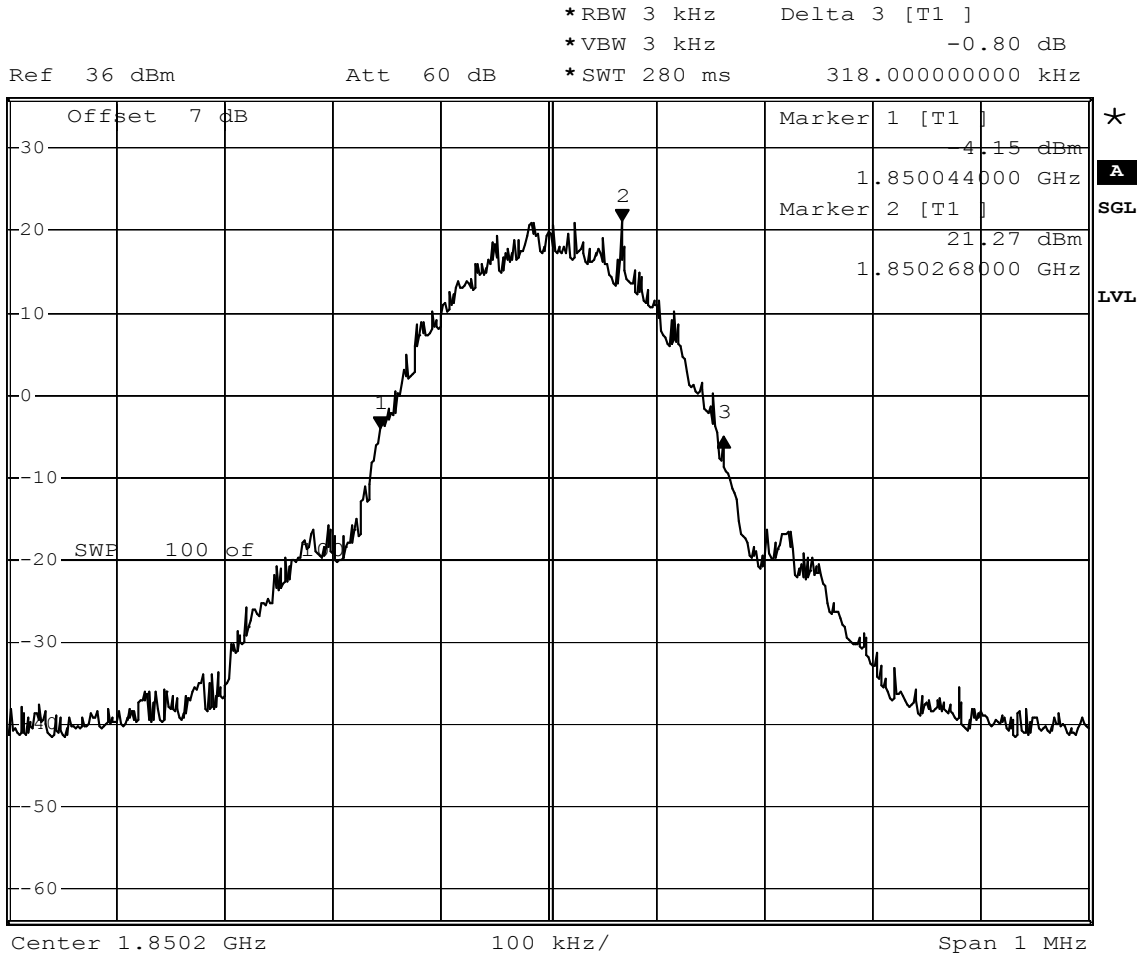
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Measurement diagram



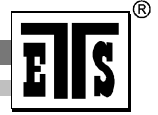
**FCC Part 24 E  
Emission Bandwidth**

EUT	Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)
Model	PG-1310V
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Heide
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 512
Comment 1	-26 dB Emission Bandwidth
Comment 2	



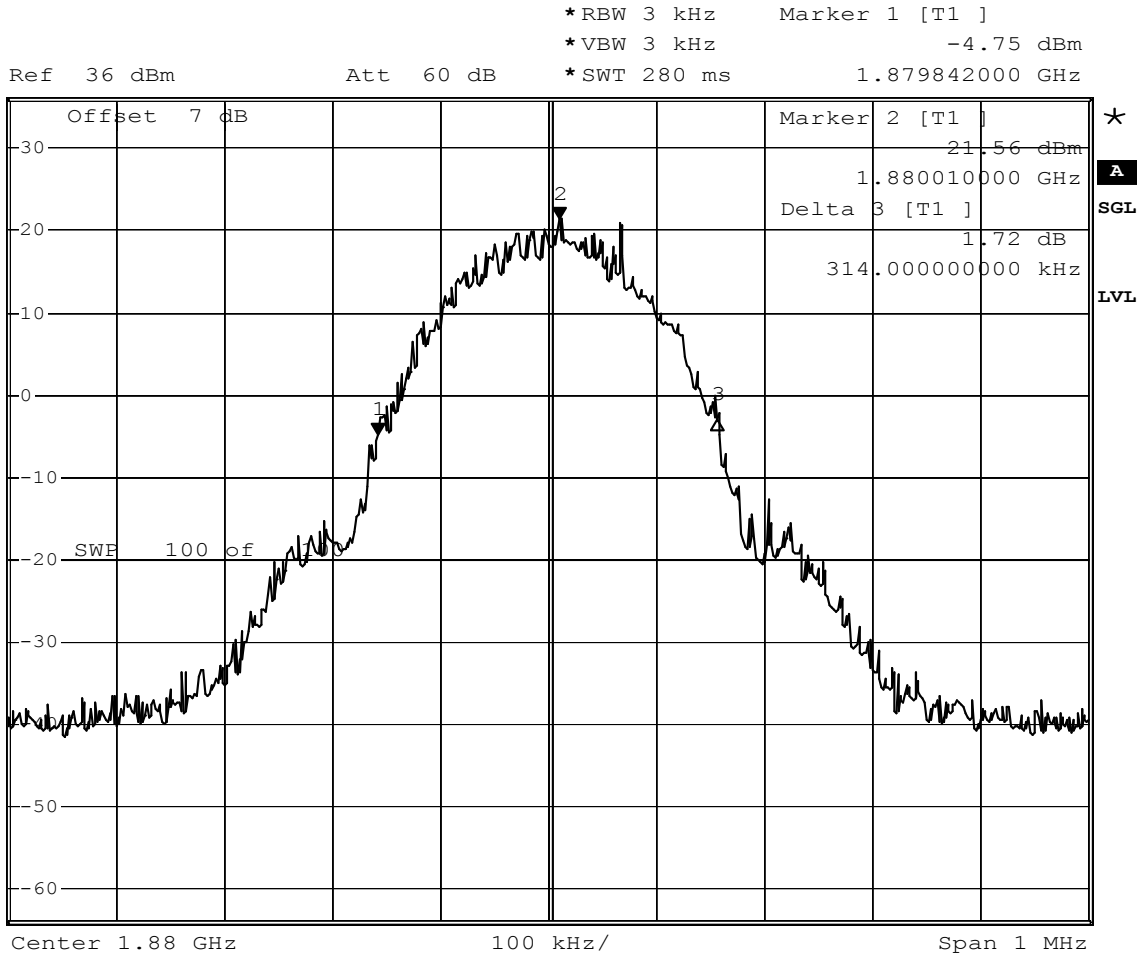
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Measurement diagram



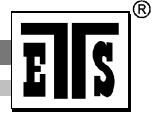
**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 661  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



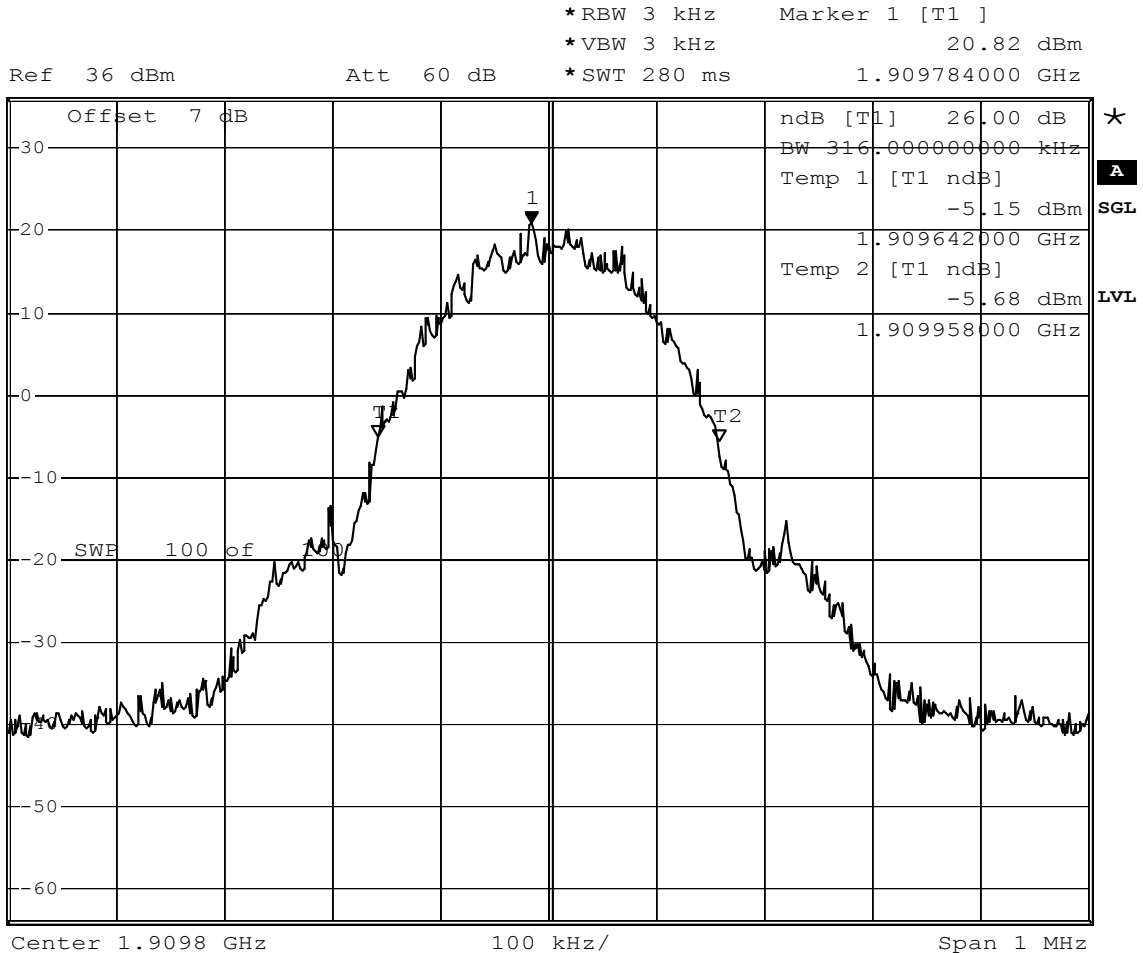
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Measurement diagram



**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Test Case Channel: 810  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



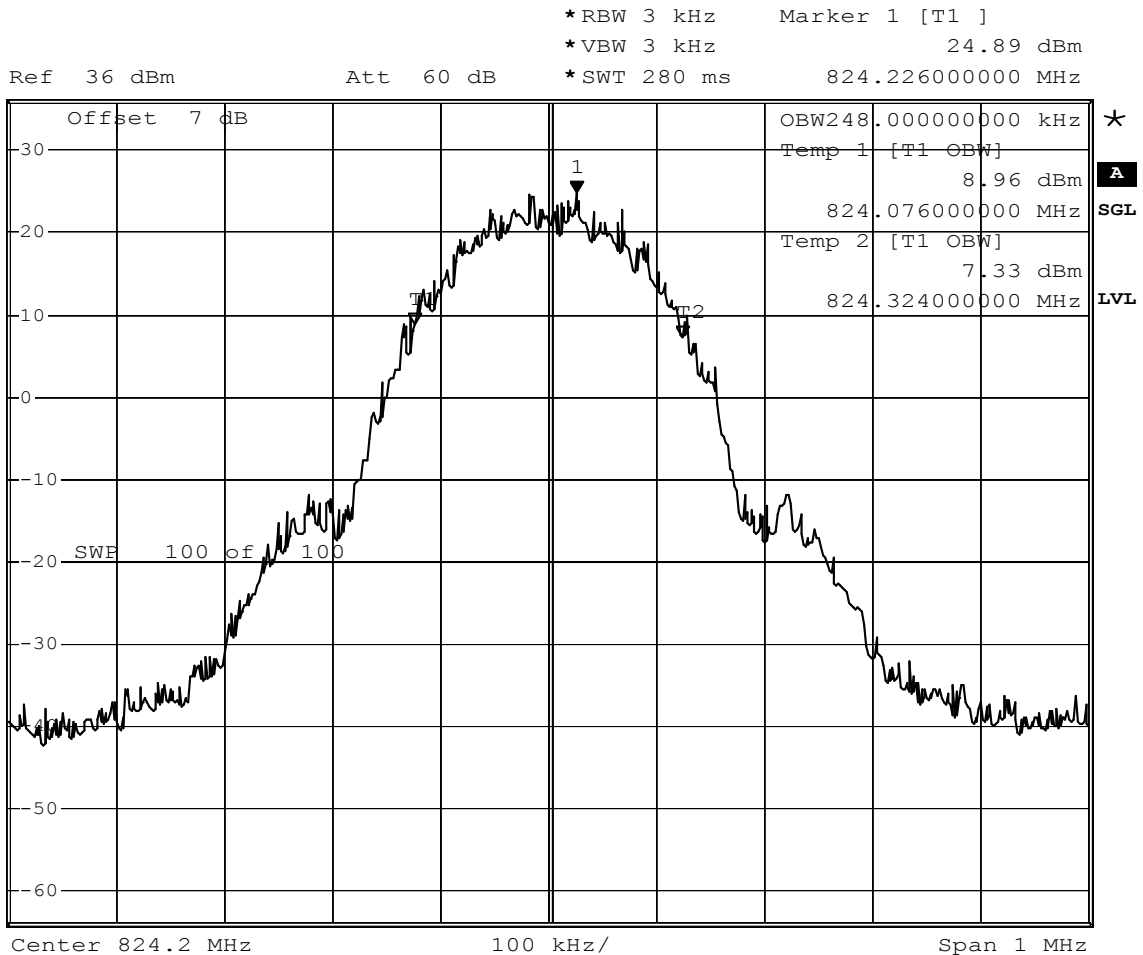
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Measurement diagram



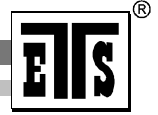
**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 128  
 Comment 1  
 Comment 2



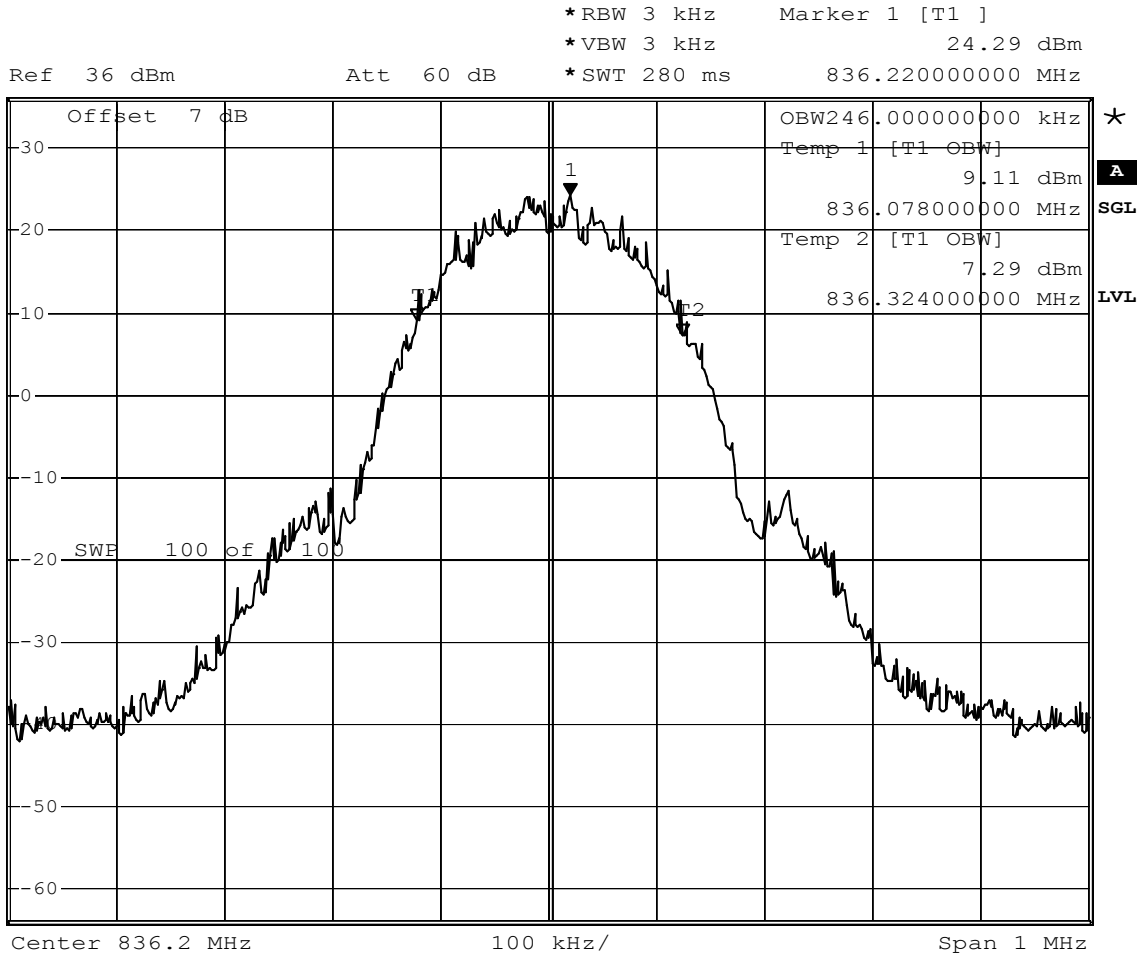
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Measurement diagram



**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 188  
 Comment 1  
 Comment 2



Date: 24.MAR.2006 19:18:50

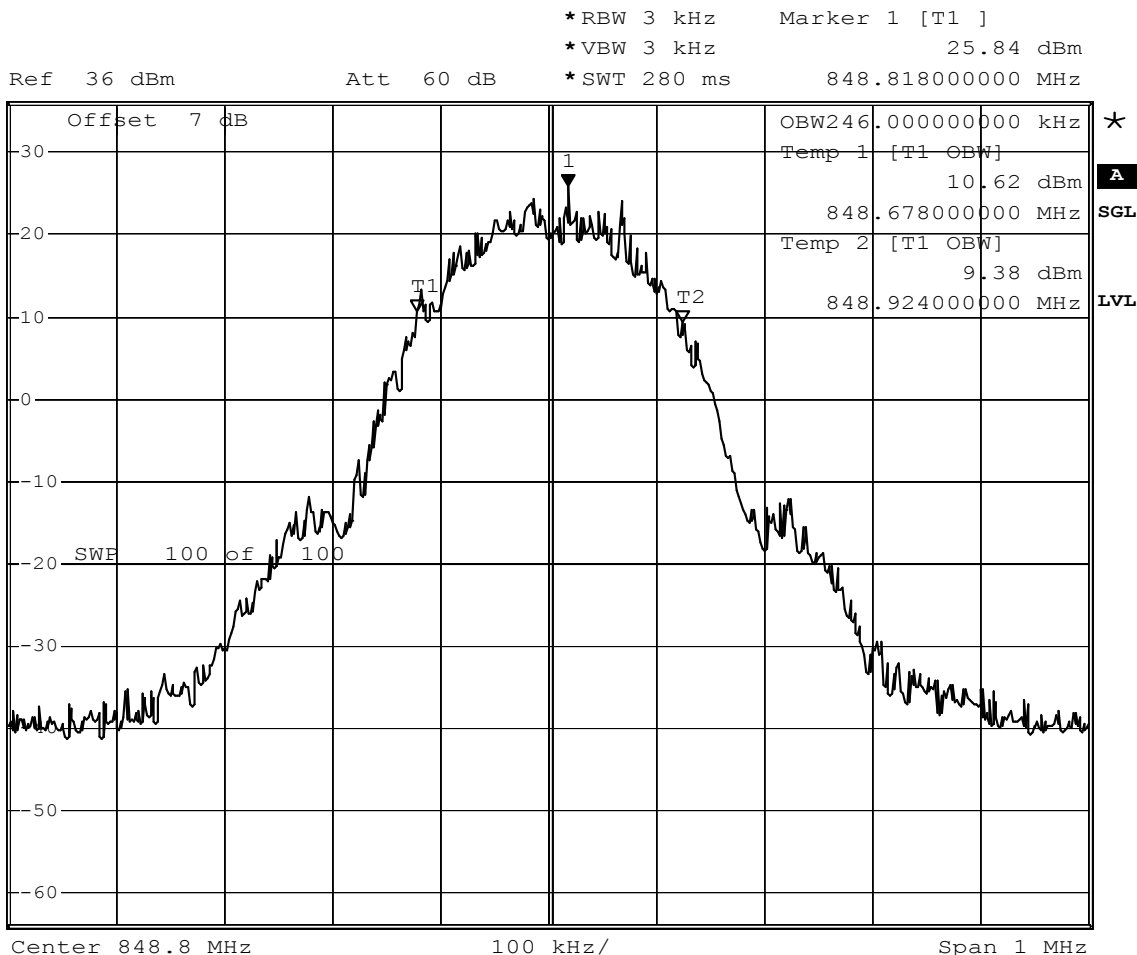
Measurement diagram





**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 251  
 Comment 1  
 Comment 2



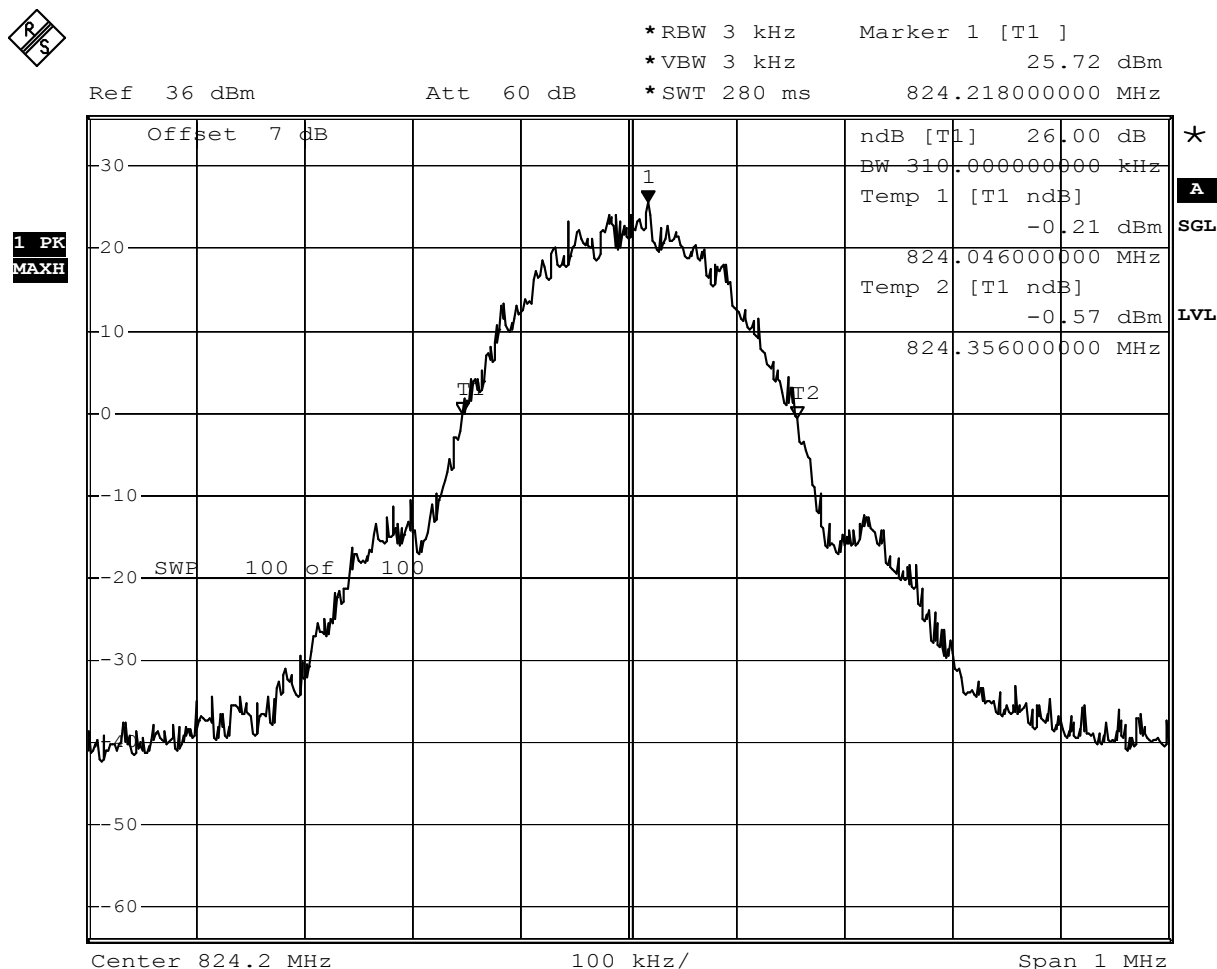
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Measurement diagram



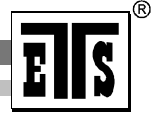
**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 128  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



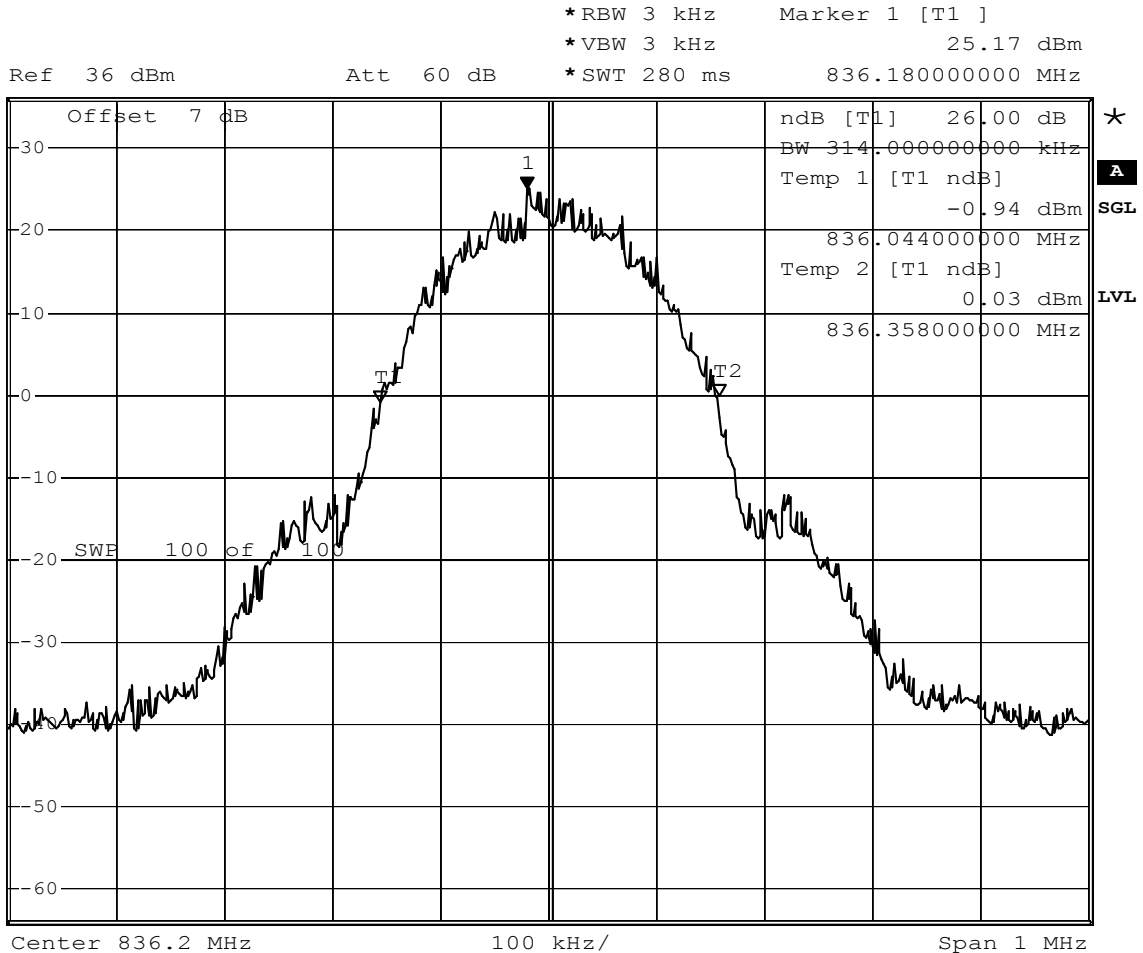
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Measurement diagram



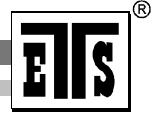
**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 188  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



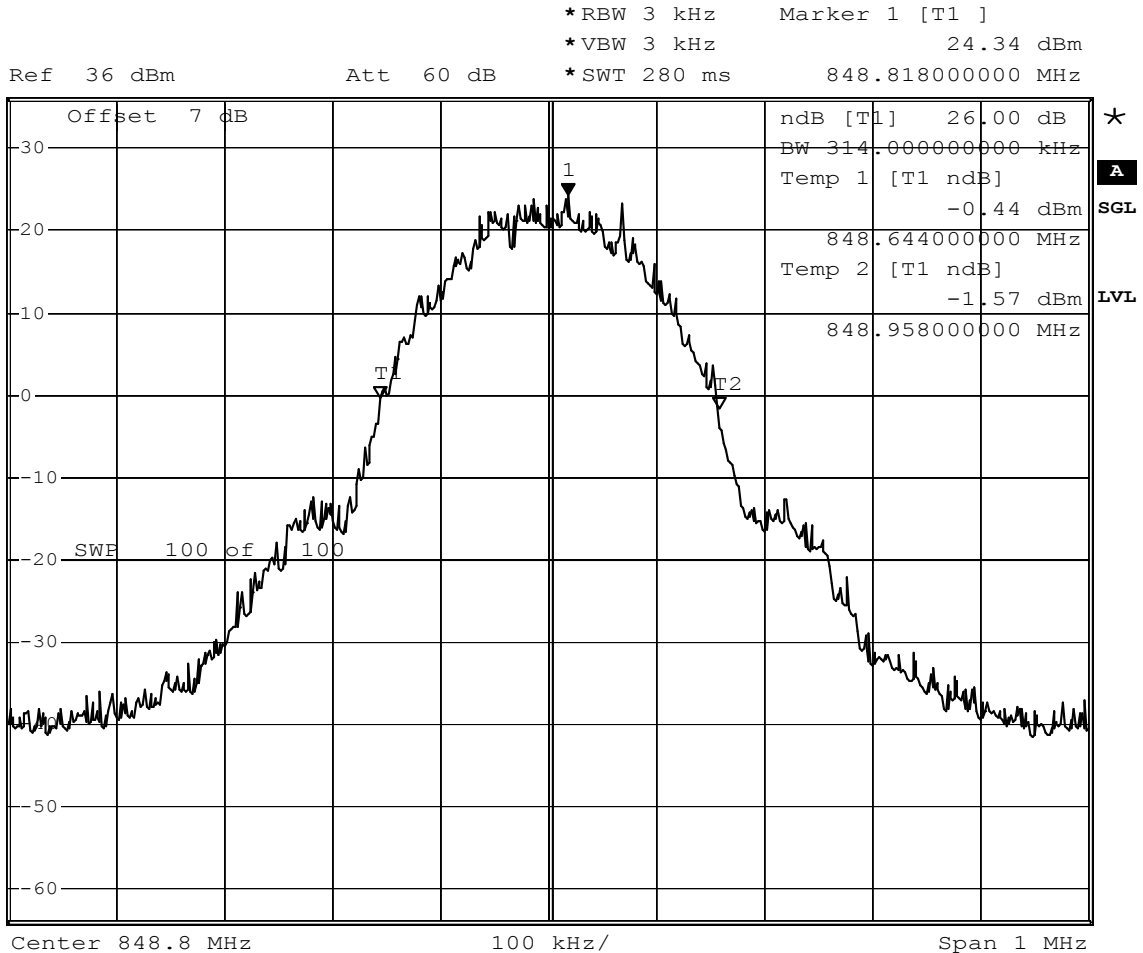
Date: 24.MAR.2006 19:42:57

Measurement diagram



**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
 Model PG-1310V  
 Approval Holder Pantech Co., Ltd  
 Temperature / Voltage 24°C / Unom: 4.20 V DC  
 Test Site / Operator ETS / Mr. Heide  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Test Case Channel: 251  
 Comment 1 -26 dB Emission Bandwidth  
 Comment 2



Date: 24.MAR.2006 19:44:38

Measurement diagram

## Appendix H

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



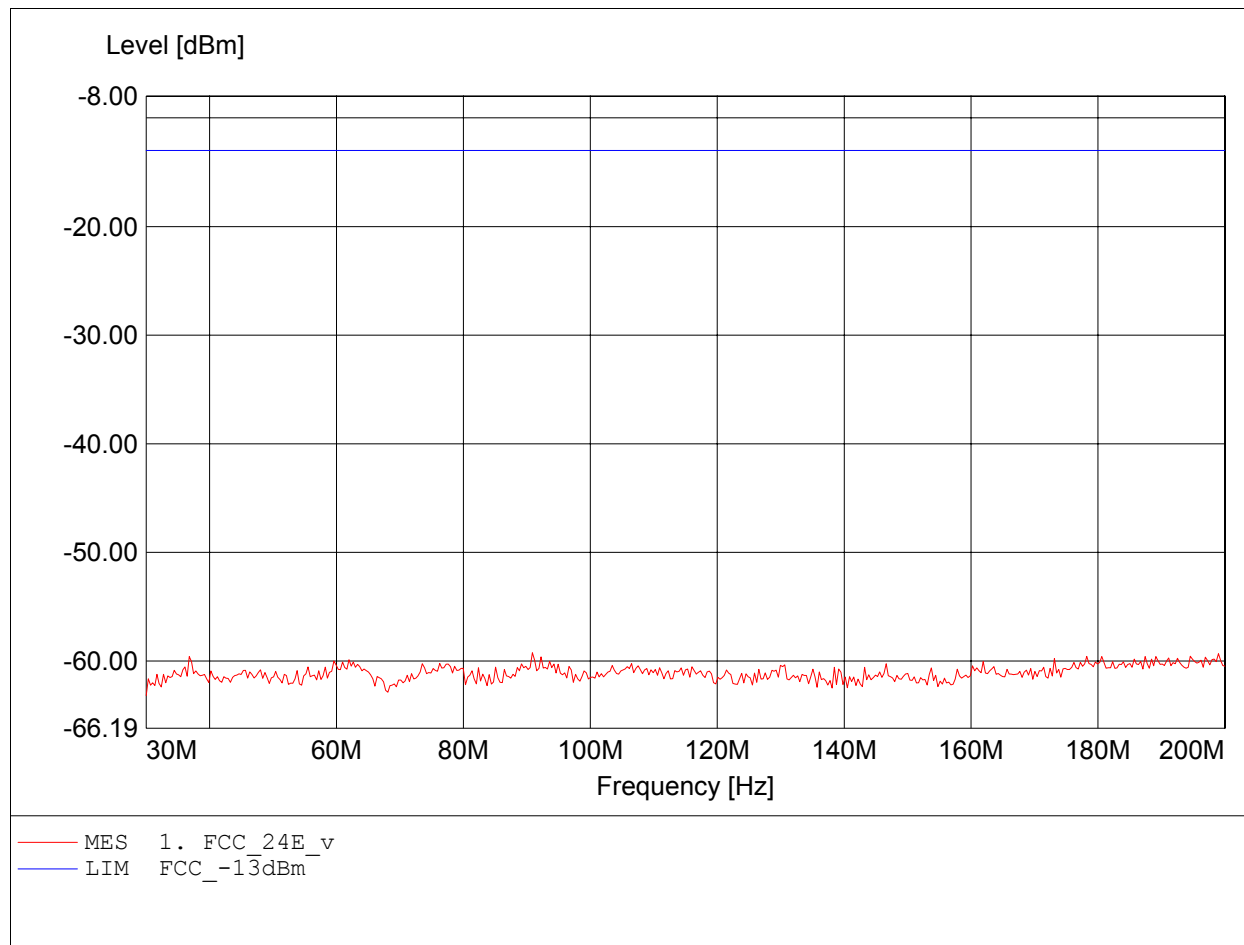
## Appendix I

Spurious Radiation

# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

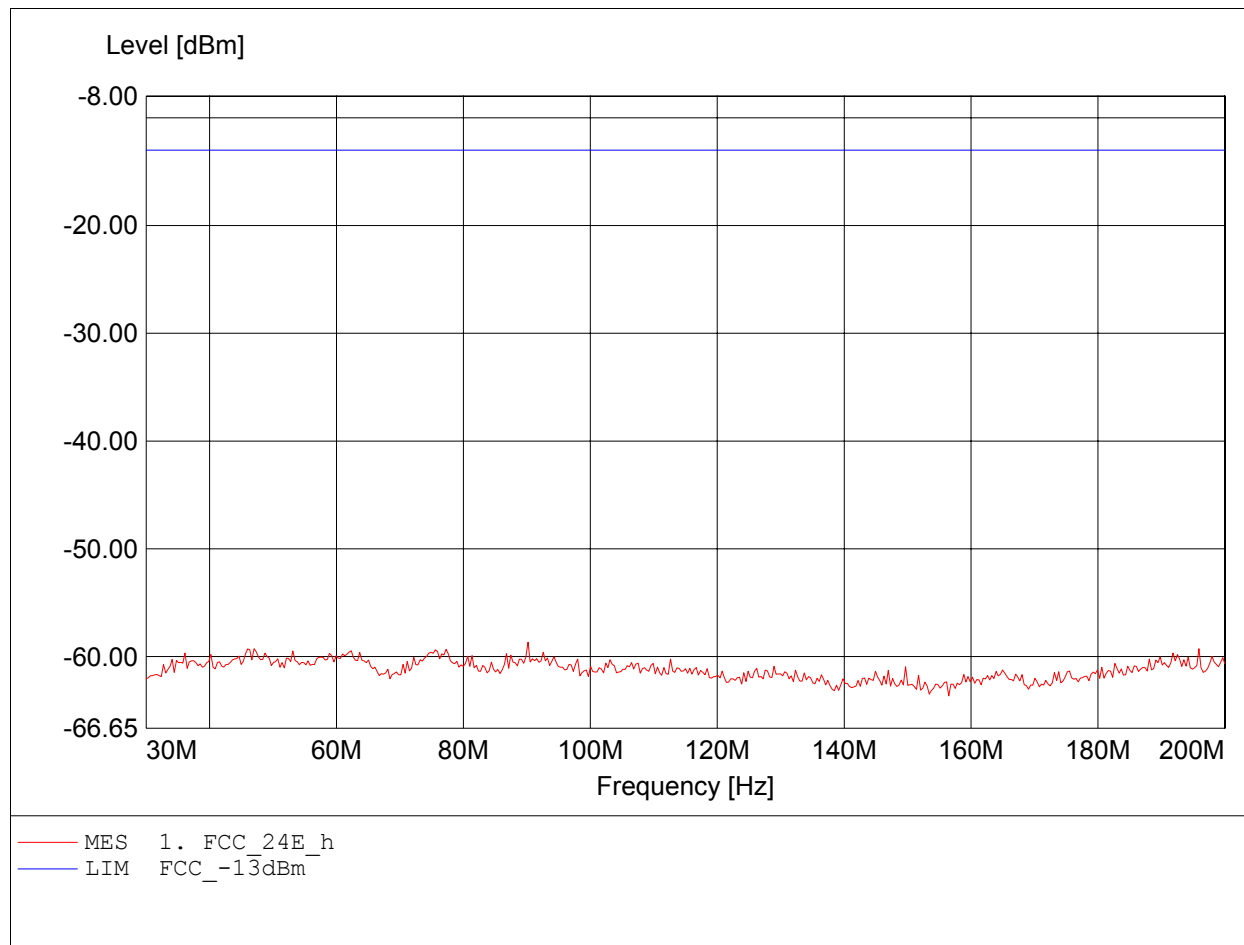
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 90.860MHz, Pmax: -59.24dBm, 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-1310V / 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.: HK 116  
Comment 2: Freq: 90.180MHz, Pmax: -58.65dBm, RBW: 1MHz

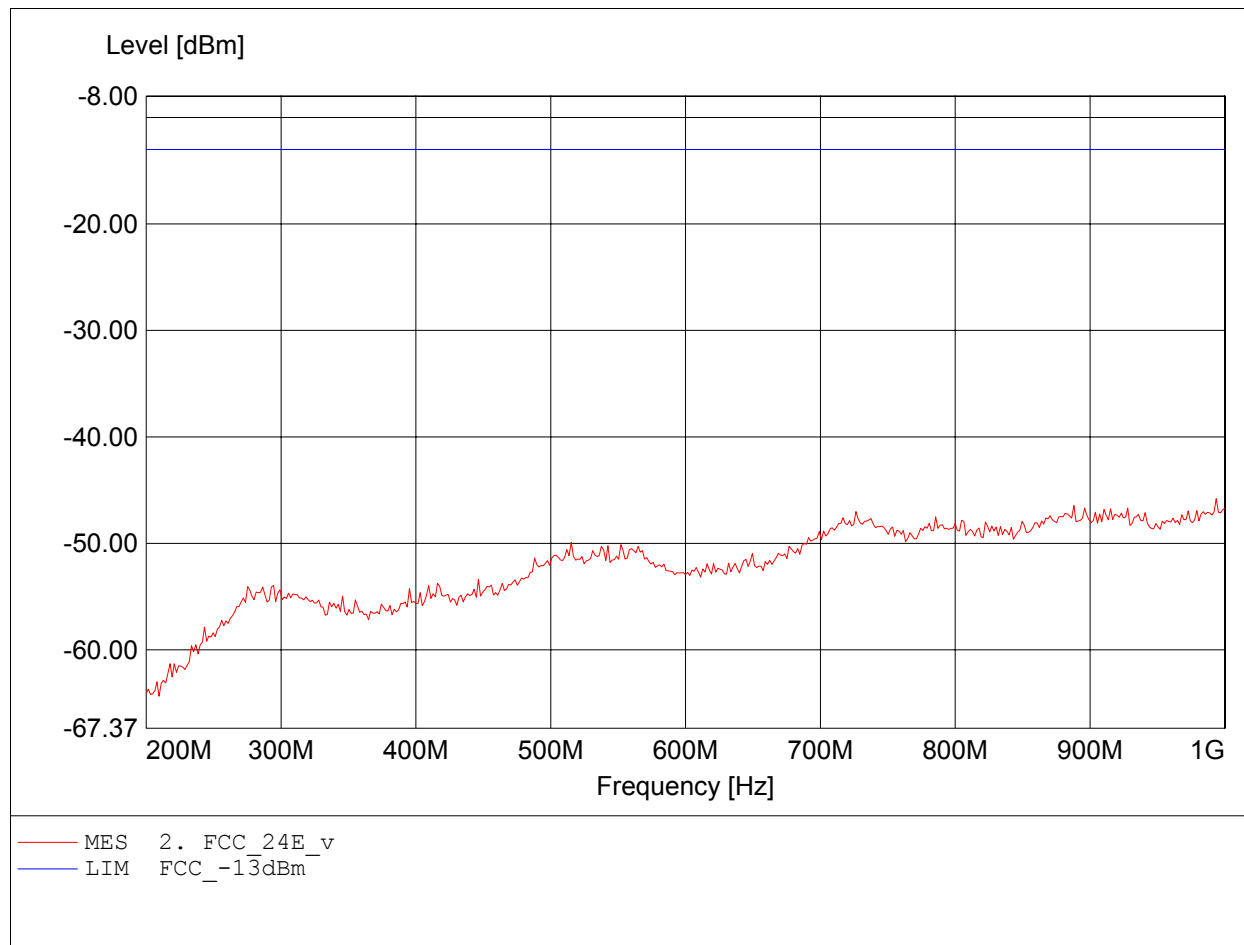




# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

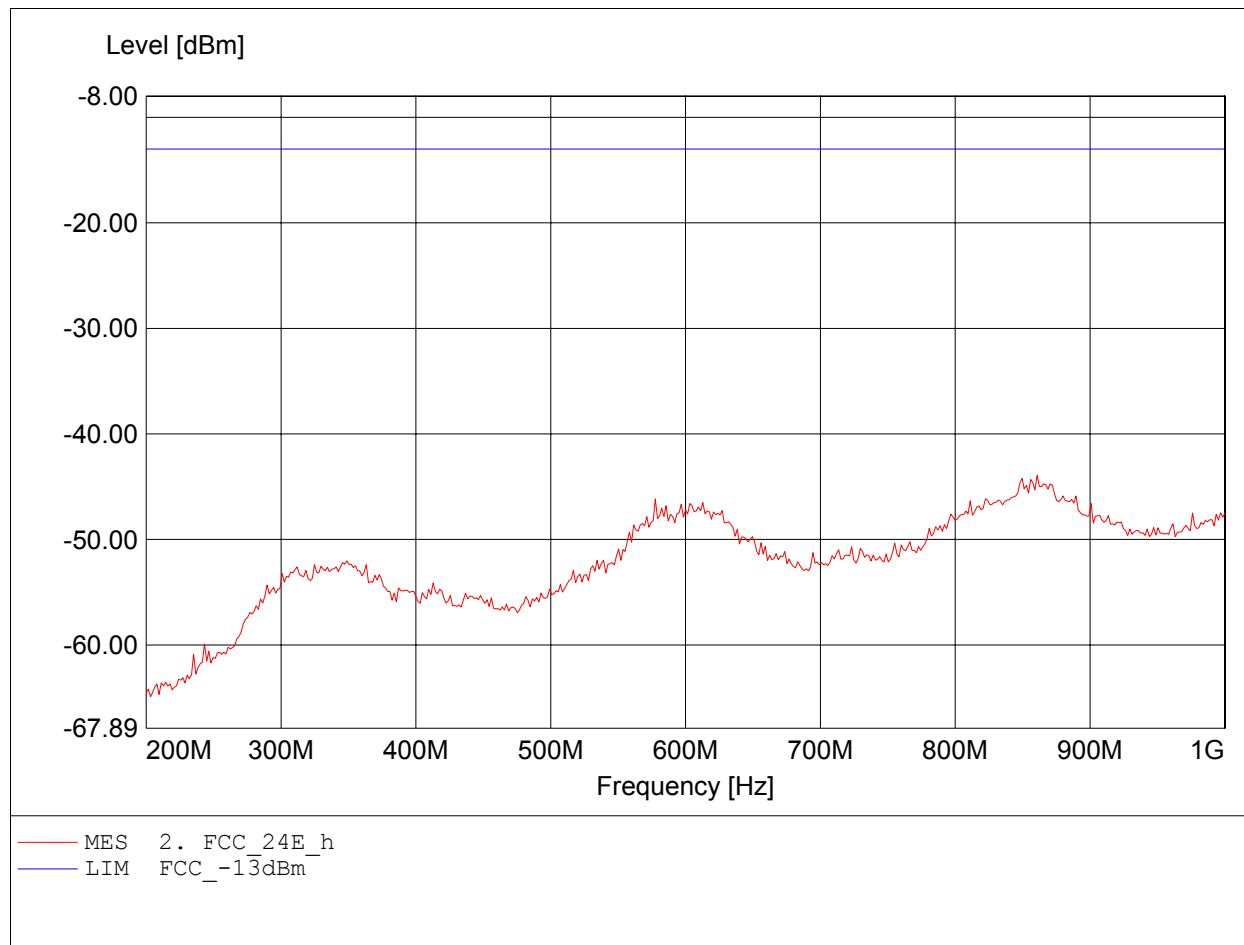
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 993.600MHz, Pmax: -45.80dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

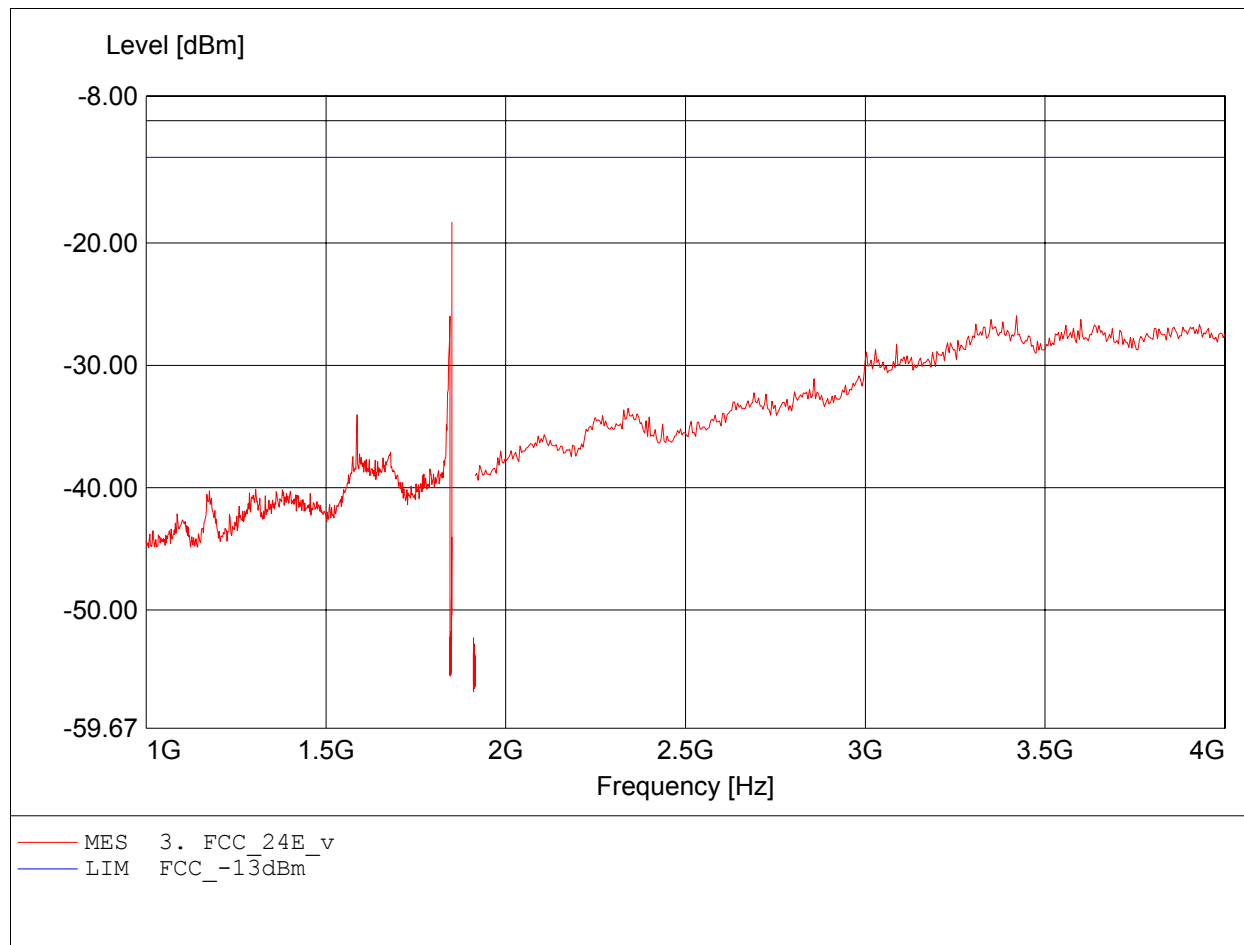
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 860.800MHz, Pmax: -43.93dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

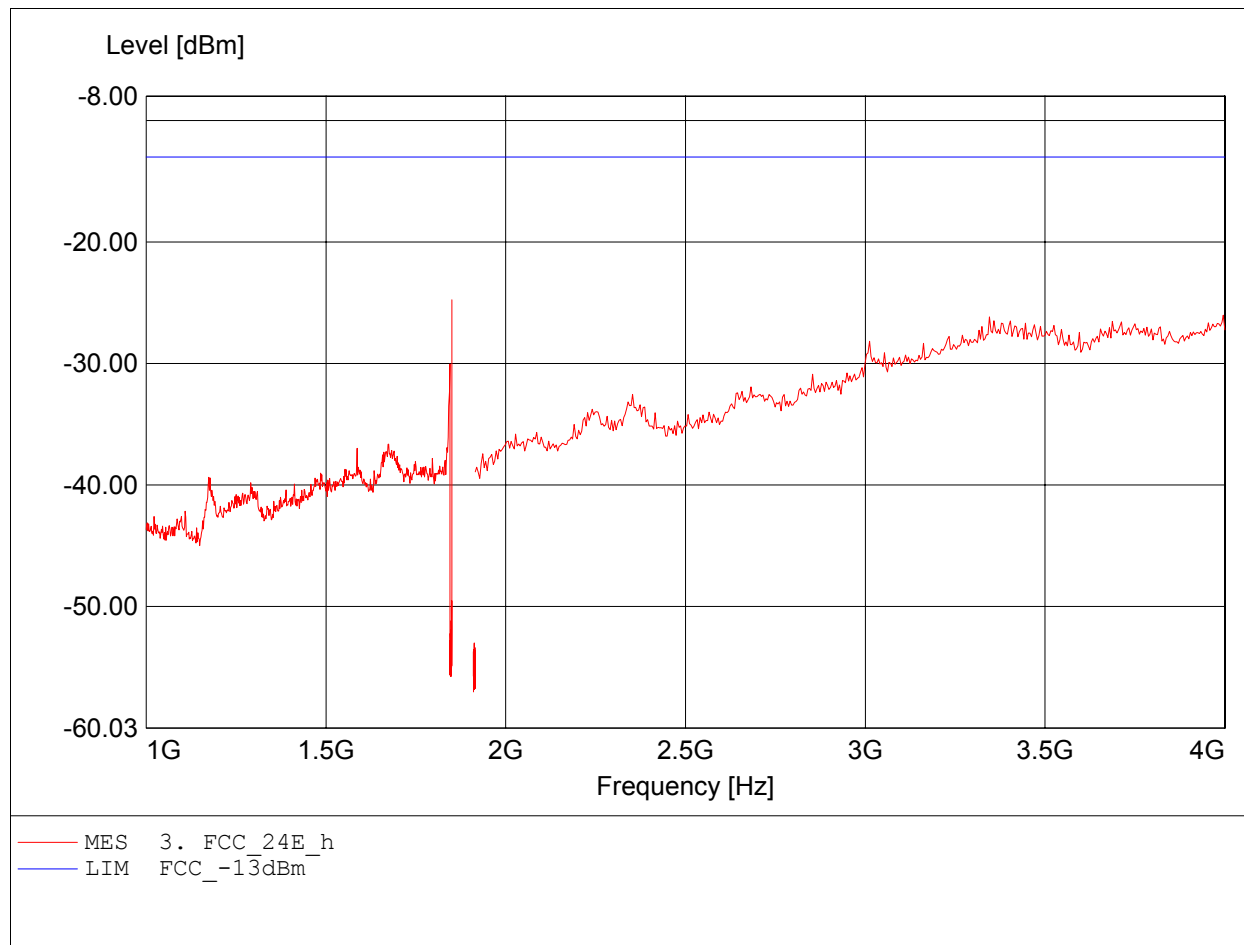
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.850GHz, Pmax: -18.31dBm, RBW: 1MHz/3kHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

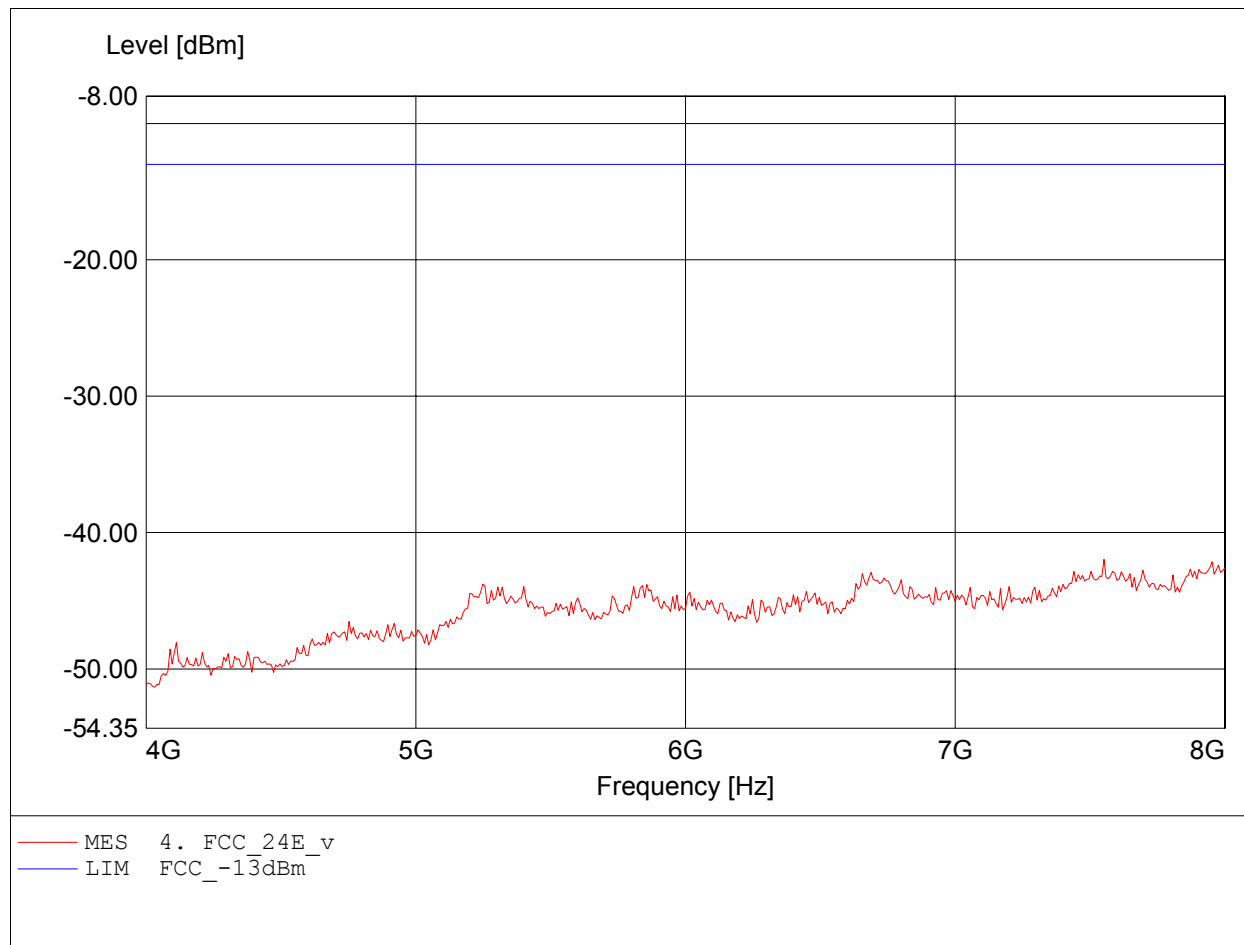
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.850GHz, Pmax: -24.76dBm, RBW: 1MHz/3kHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

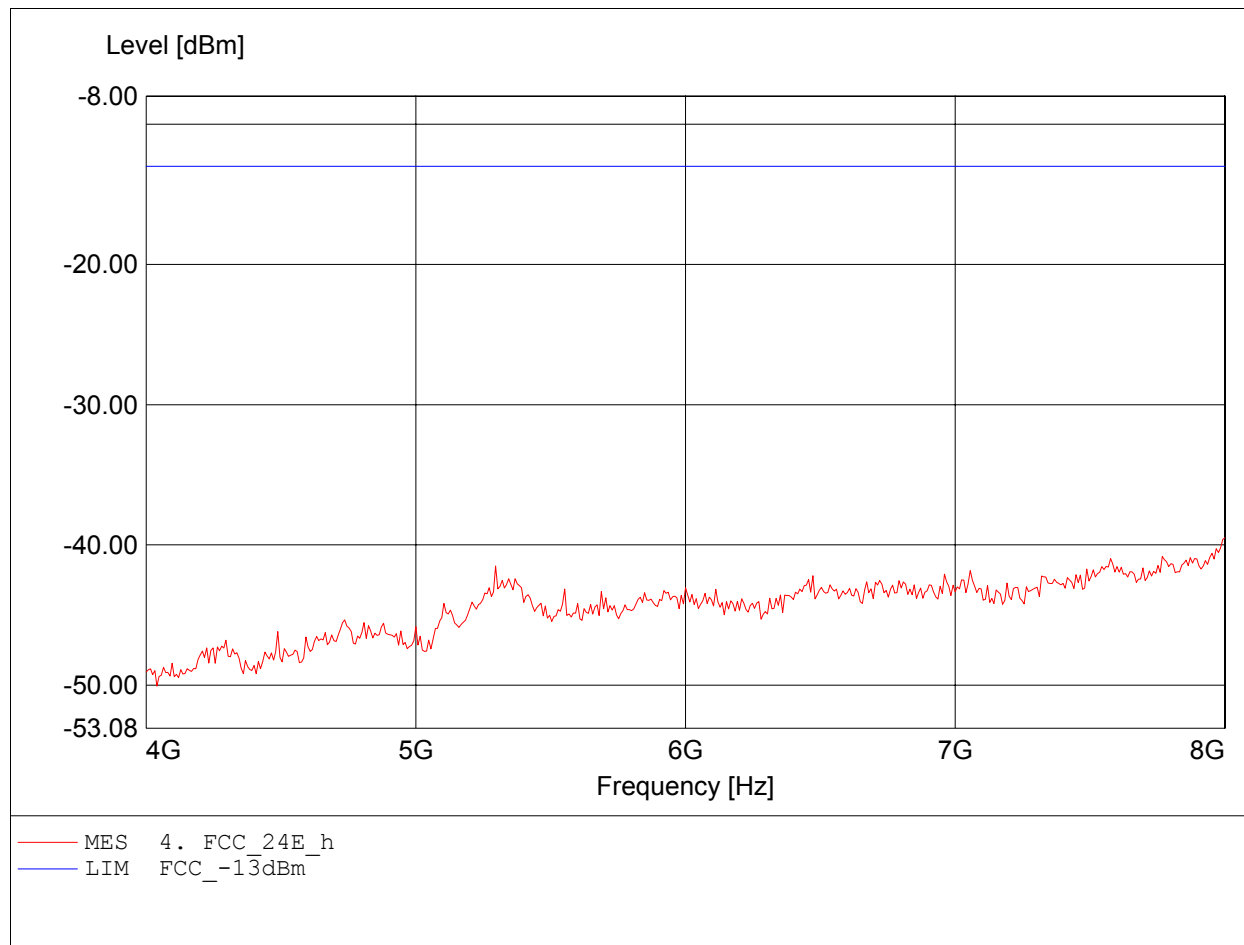
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.552GHz, Pmax: -41.97dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

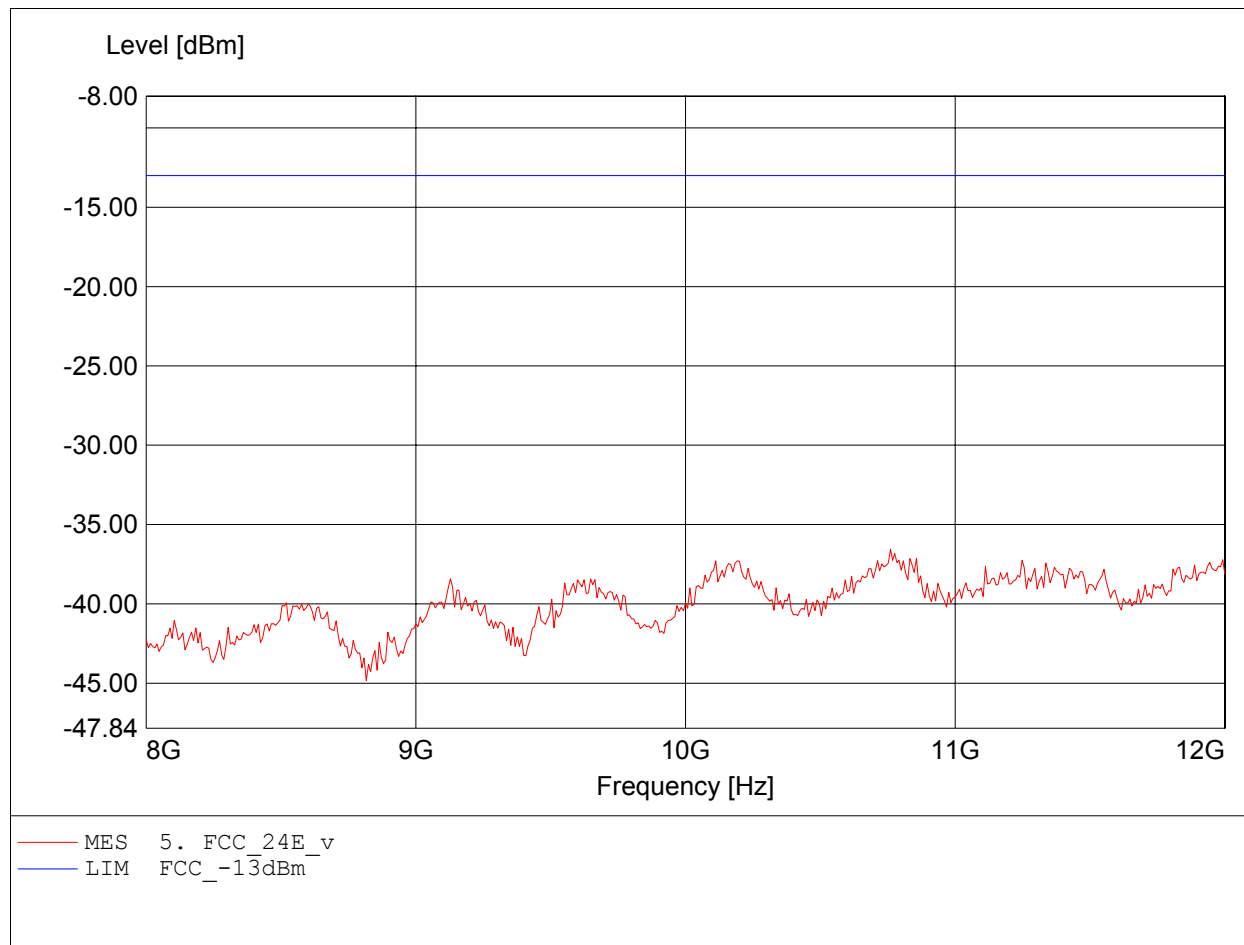
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 8.000GHz, Pmax: -39.49dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

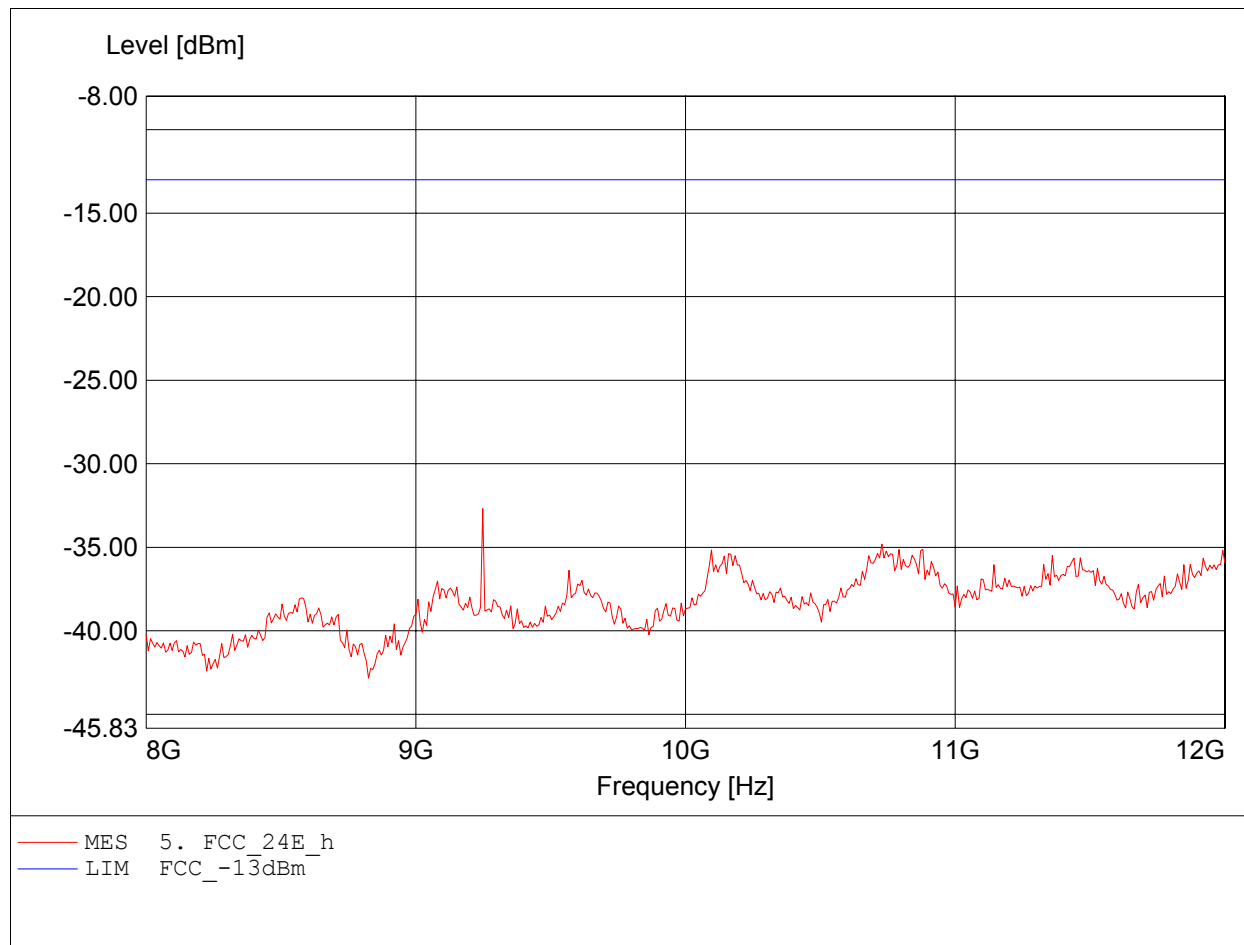
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.760GHz, Pmax: -36.55dBm, 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-1310V / 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: 9.248GHz, Pmax: -32.68dBm, RBW: 1MHz

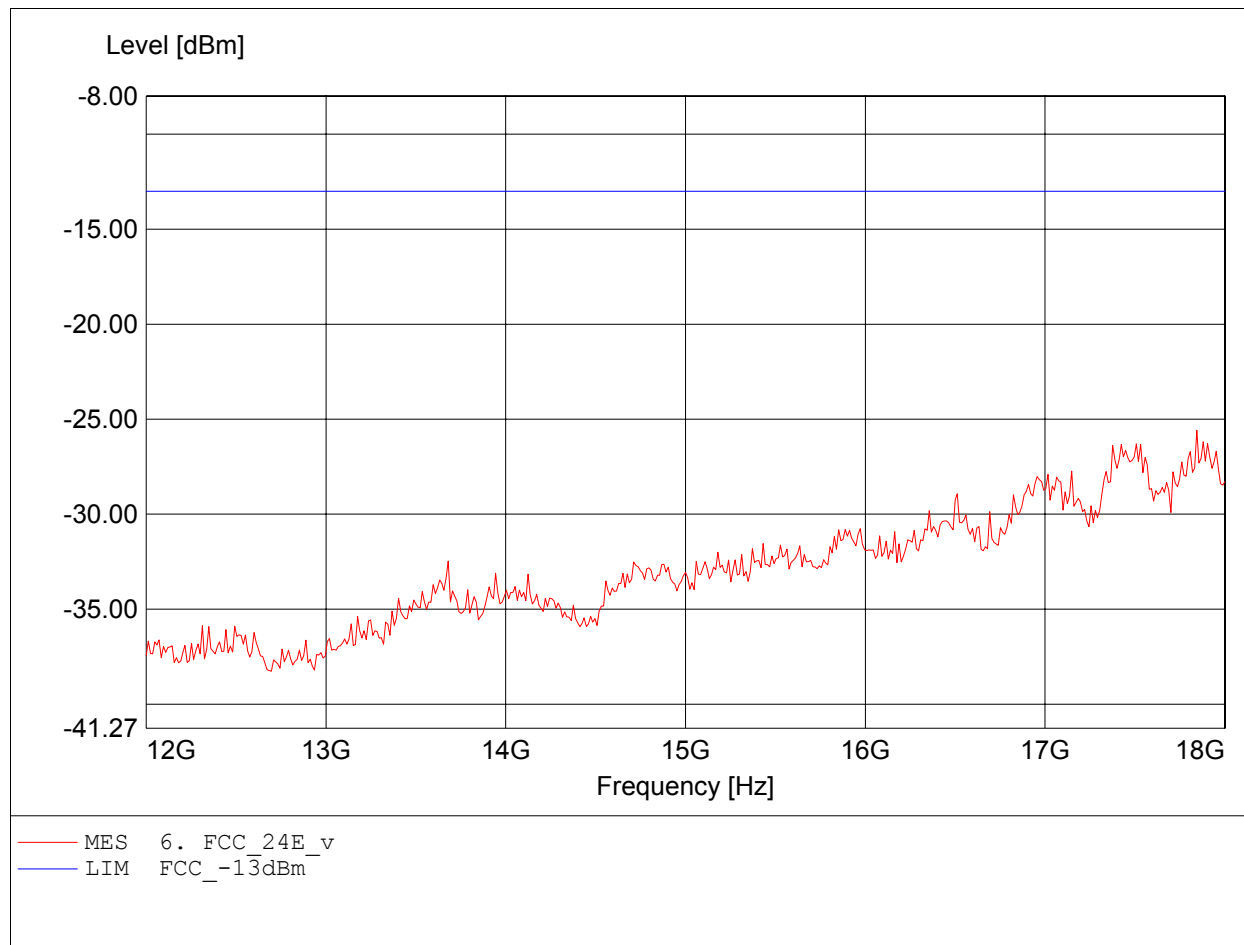




# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

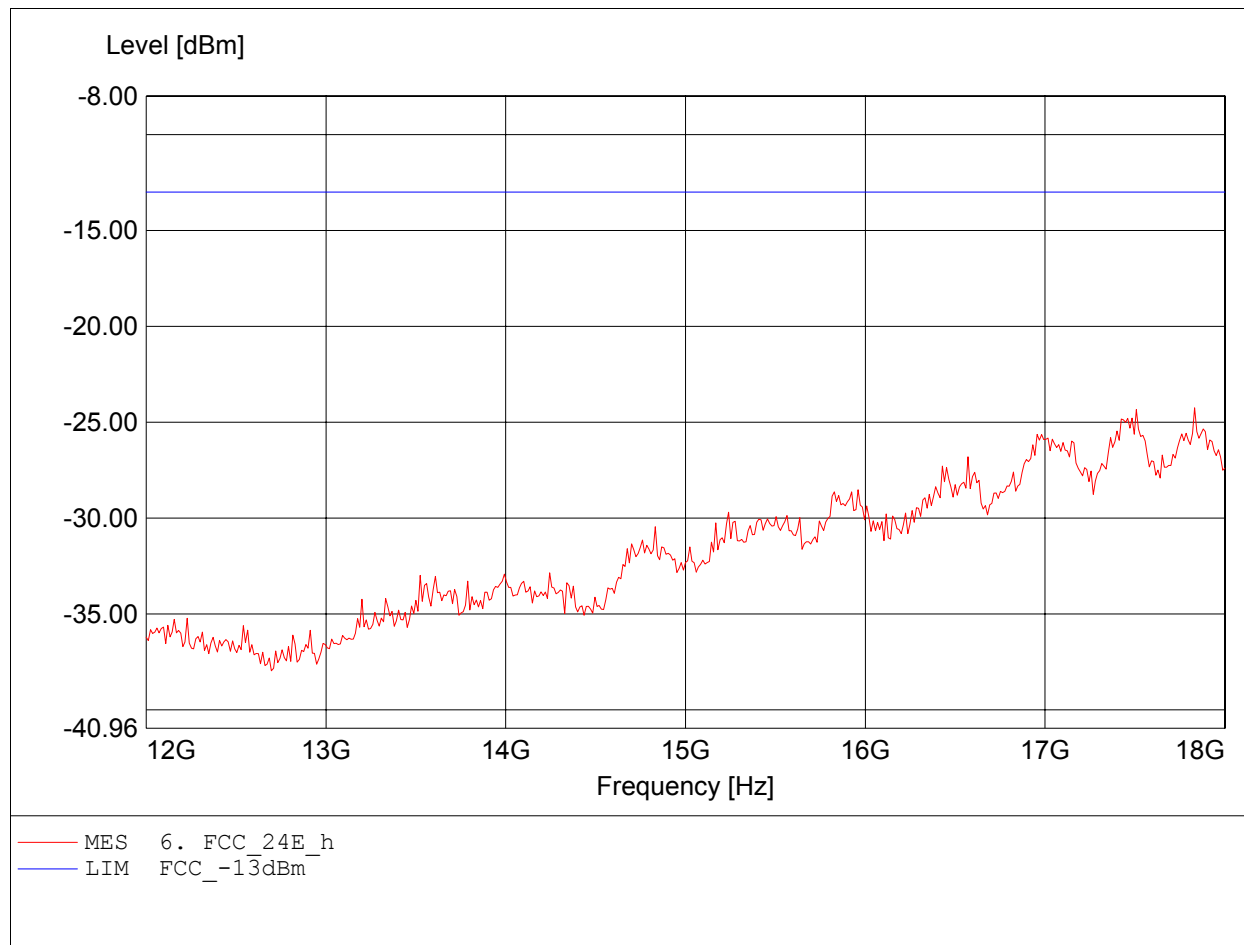
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.844GHz, Pmax: -25.59dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

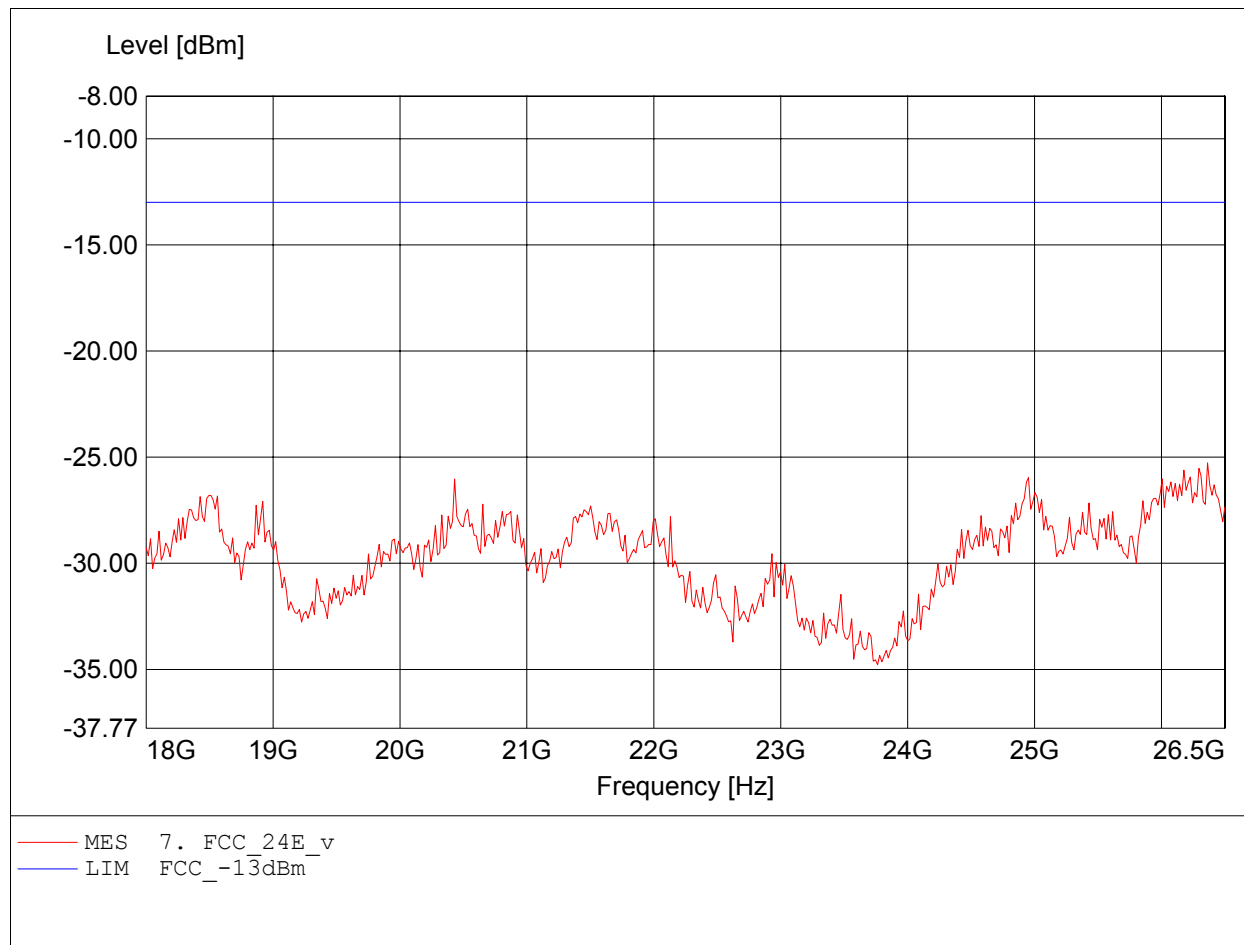
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.832GHz, Pmax: -24.25dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

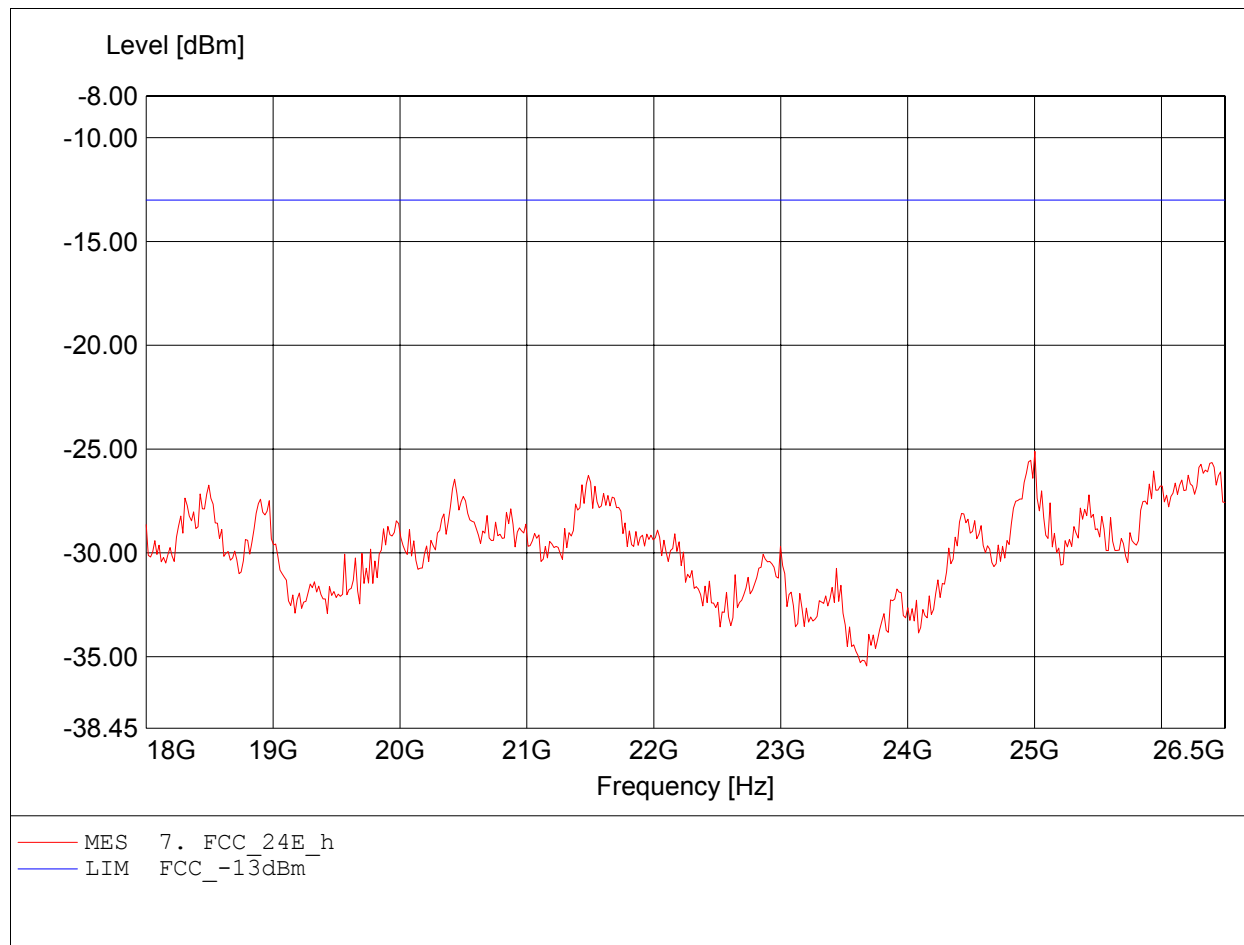
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.364GHz, Pmax: -25.27dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

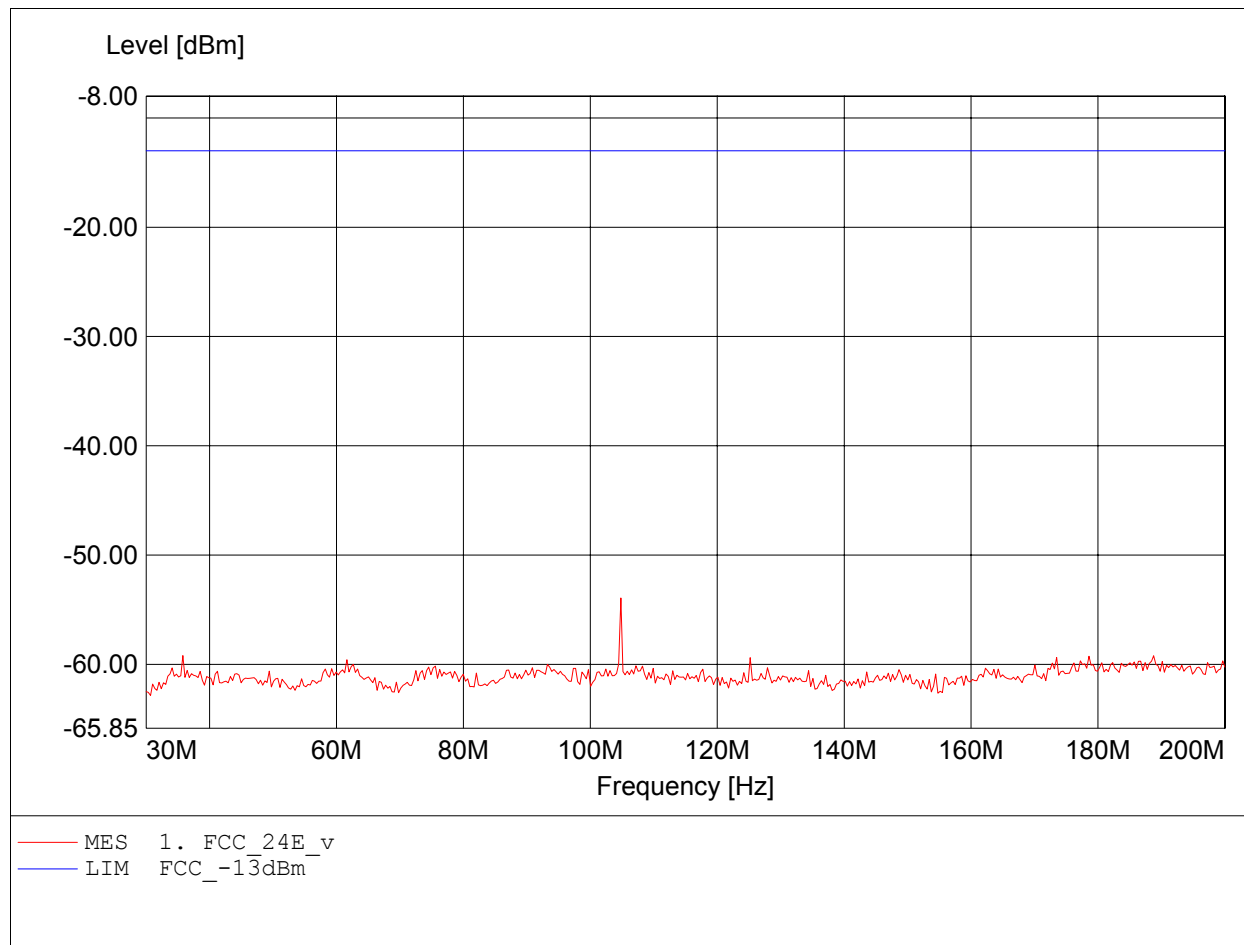
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 25.004GHz, Pmax: -25.11dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

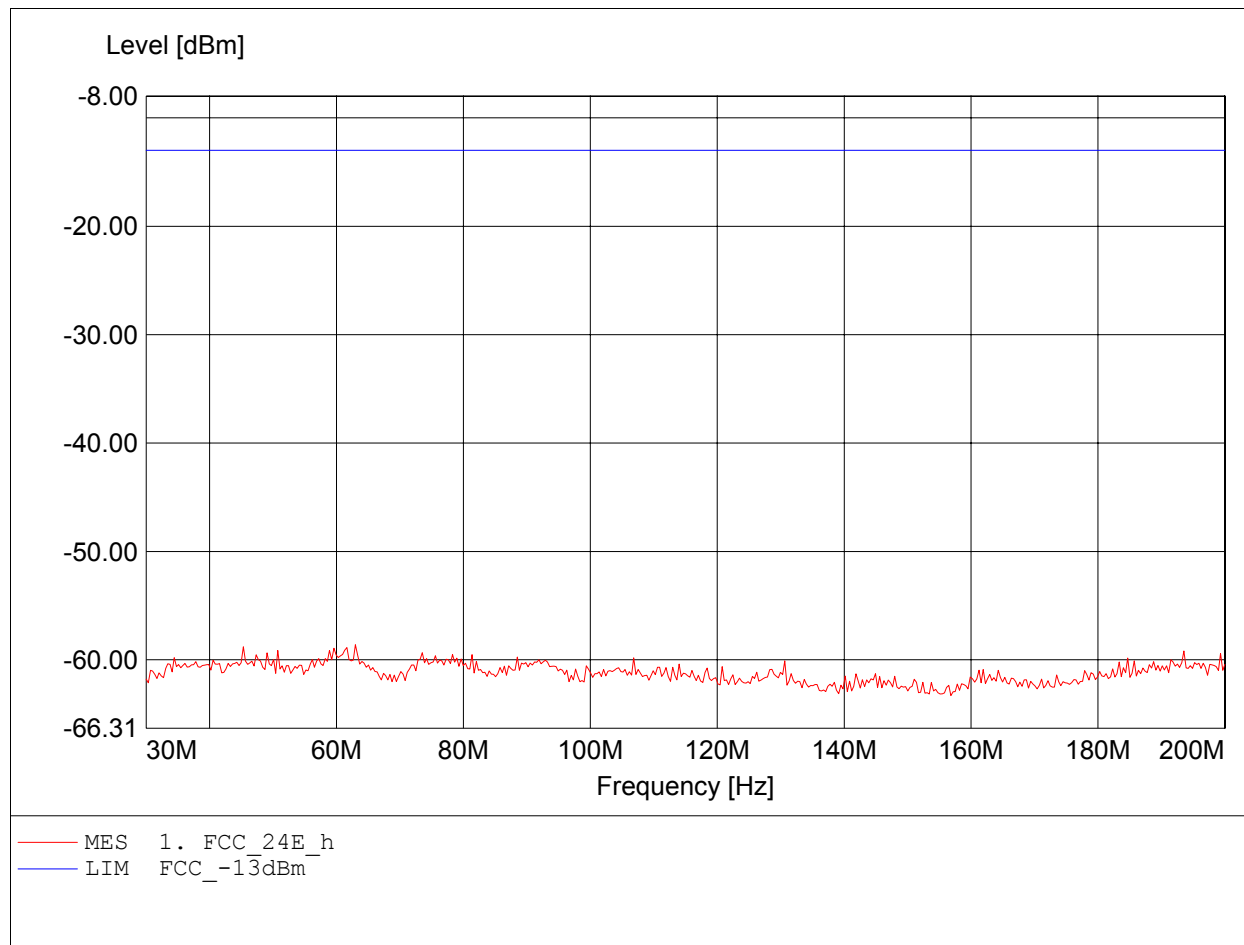
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 104.800MHz, Pmax: -53.93dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

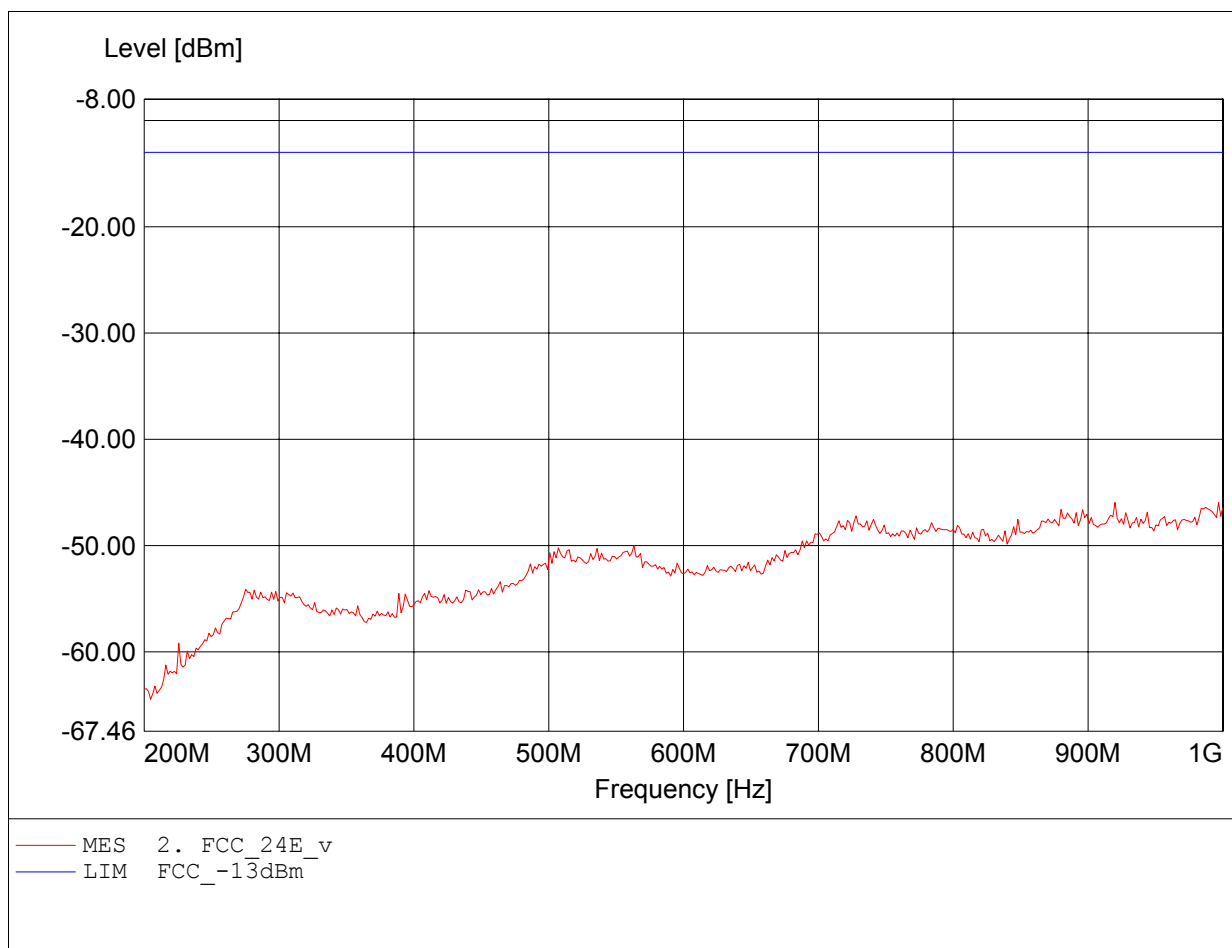
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 62.980MHz, Pmax: -58.61dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 24 SUBPART E**

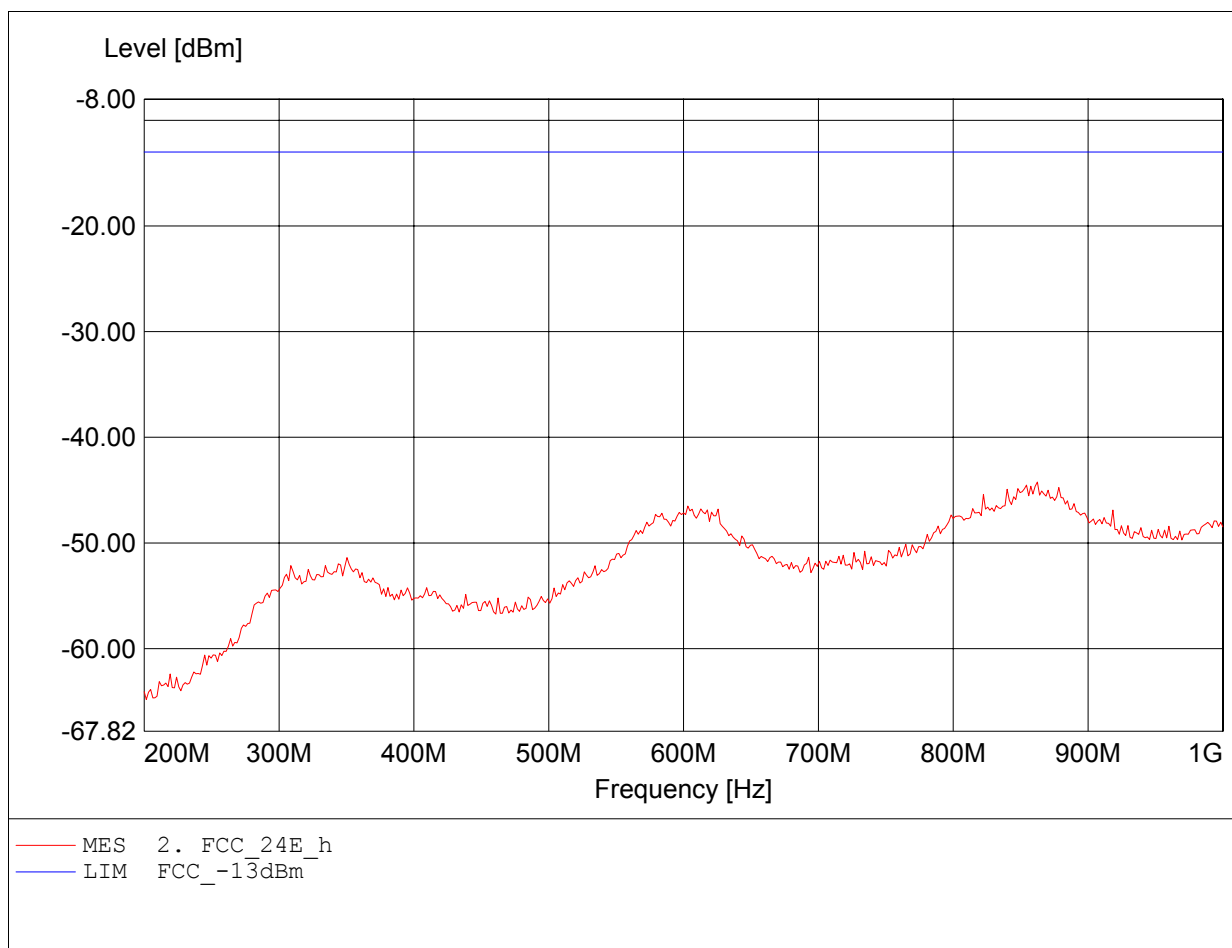
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 920.000MHz, Pmax: -45.92dBm, 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-1310V / 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.: HL 223  
Comment 2: Freq: 862.400MHz, Pmax: -44.23dBm, RBW: 1MHz

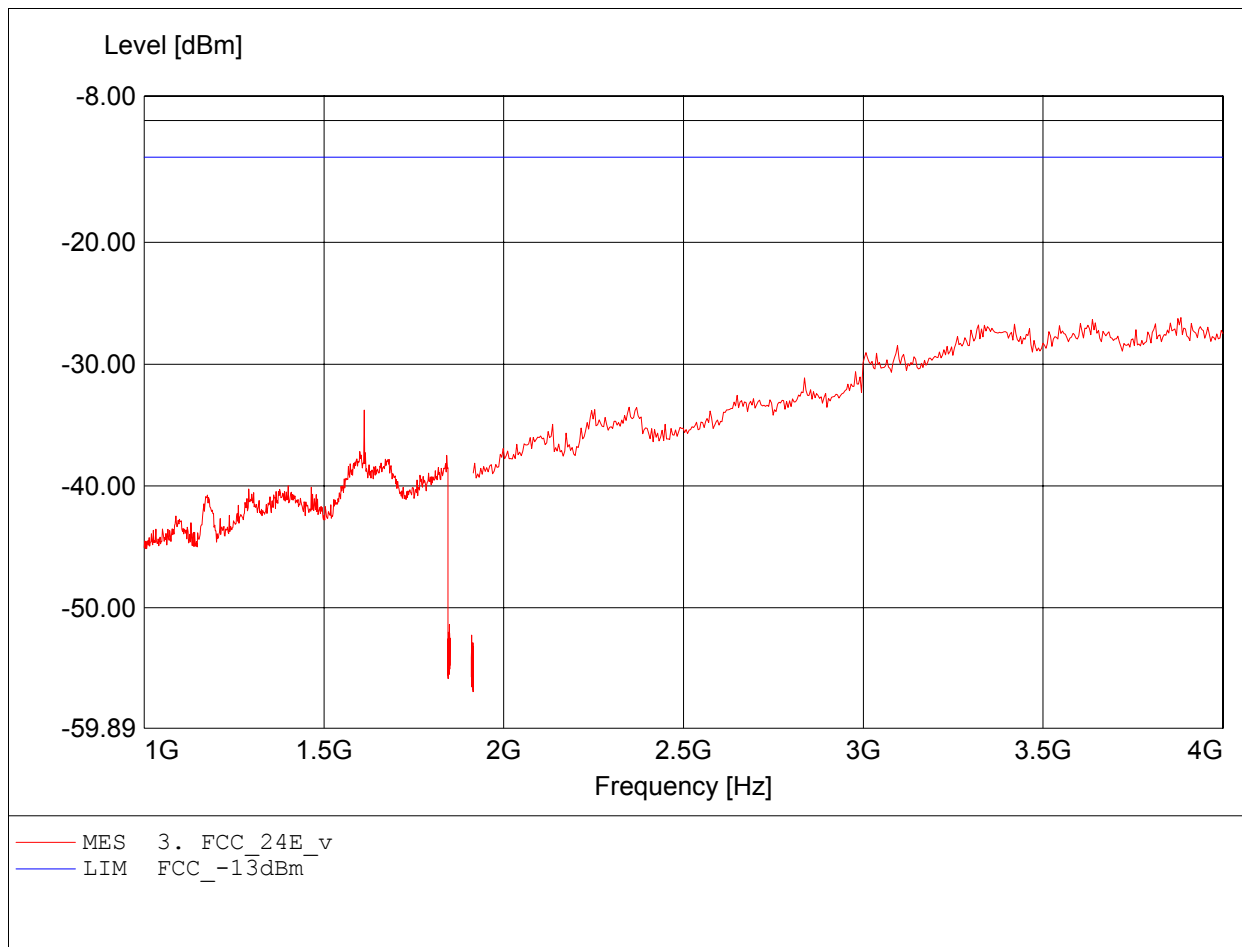




**Radiated Emissions Tx**

**FCC RULES PART 24 SUBPART E**

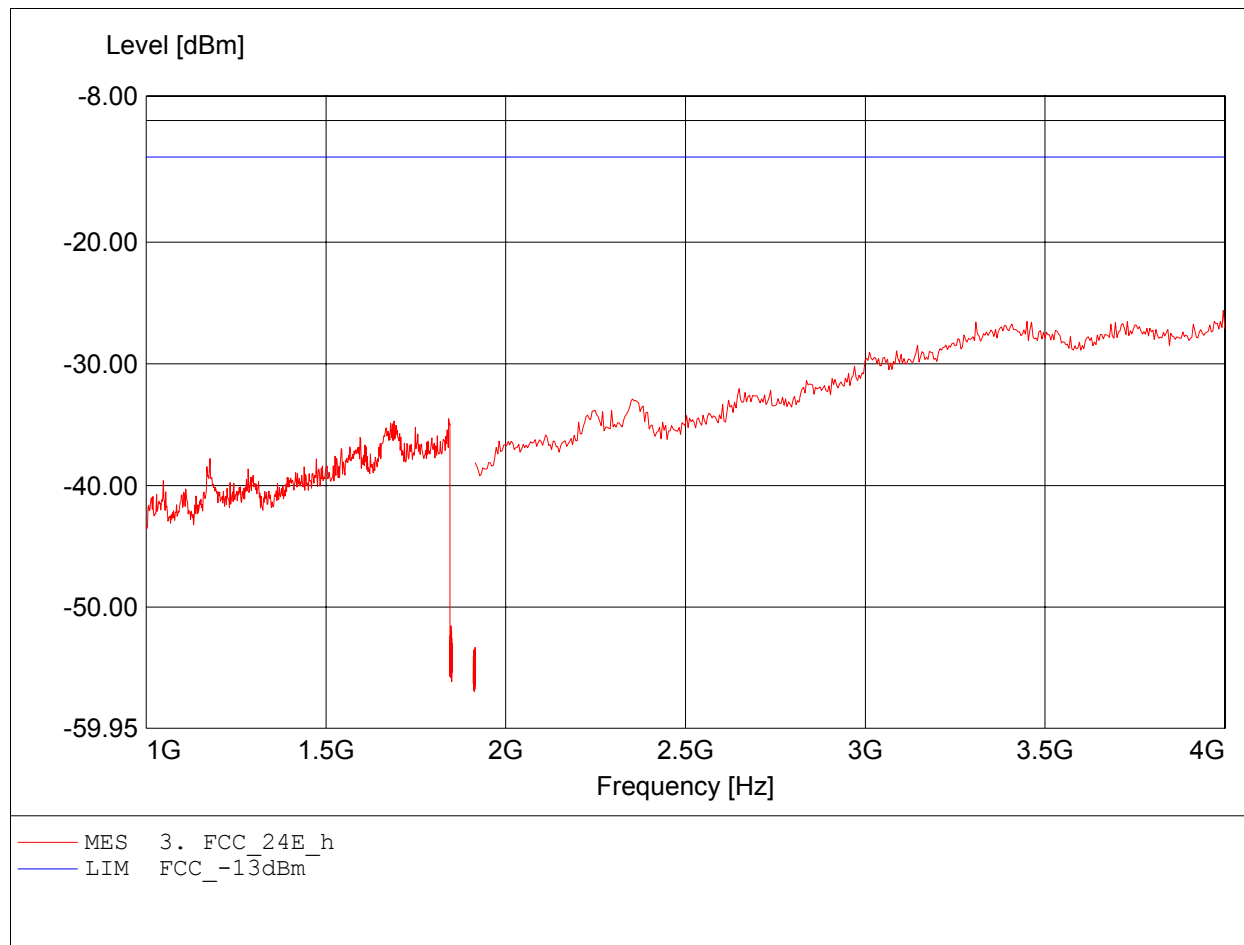
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.883GHz, Pmax: -26.18dBm, RBW: 1MHz/3kHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

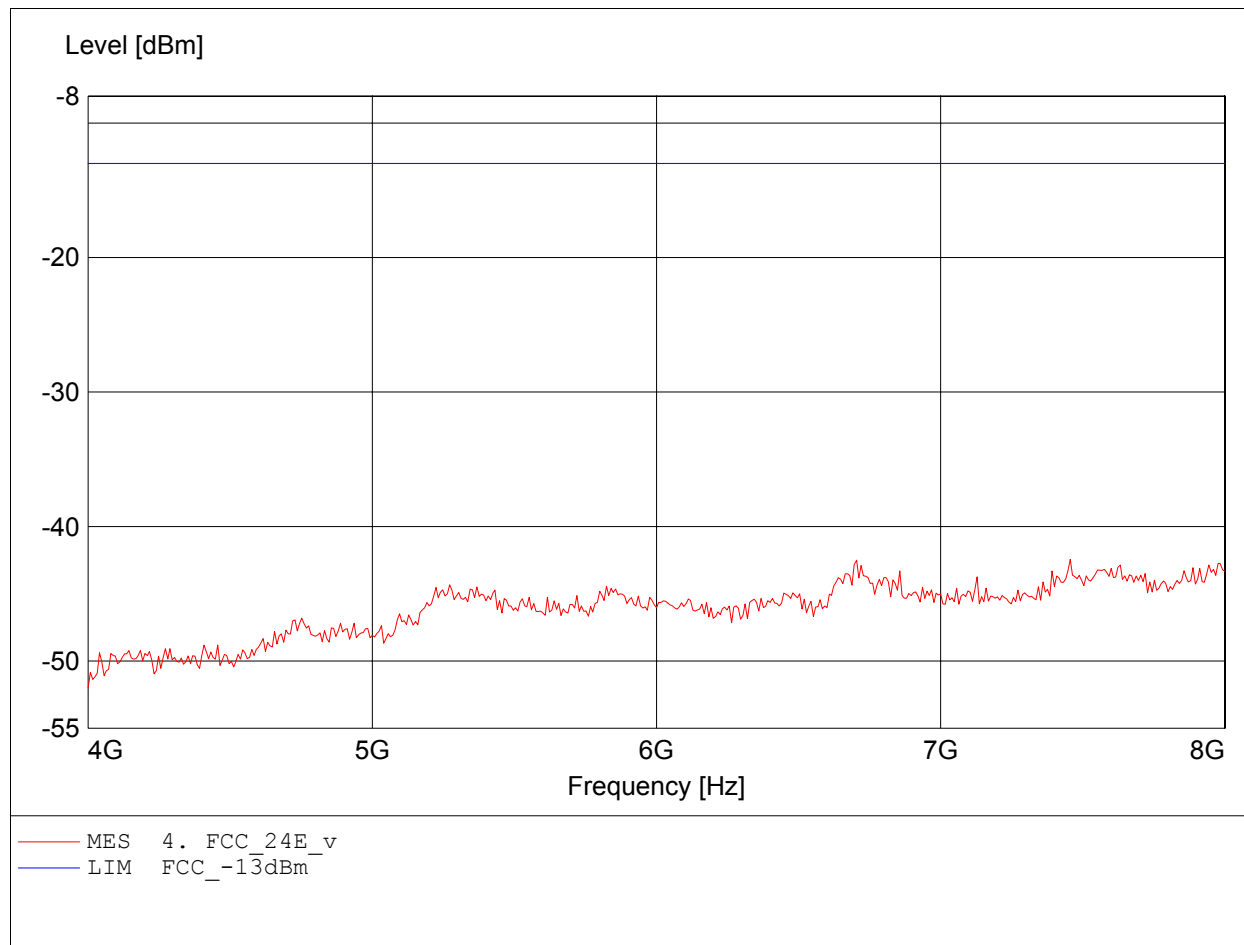
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.996GHz, Pmax: -25.61dBm, RBW: 1MHz/3kHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

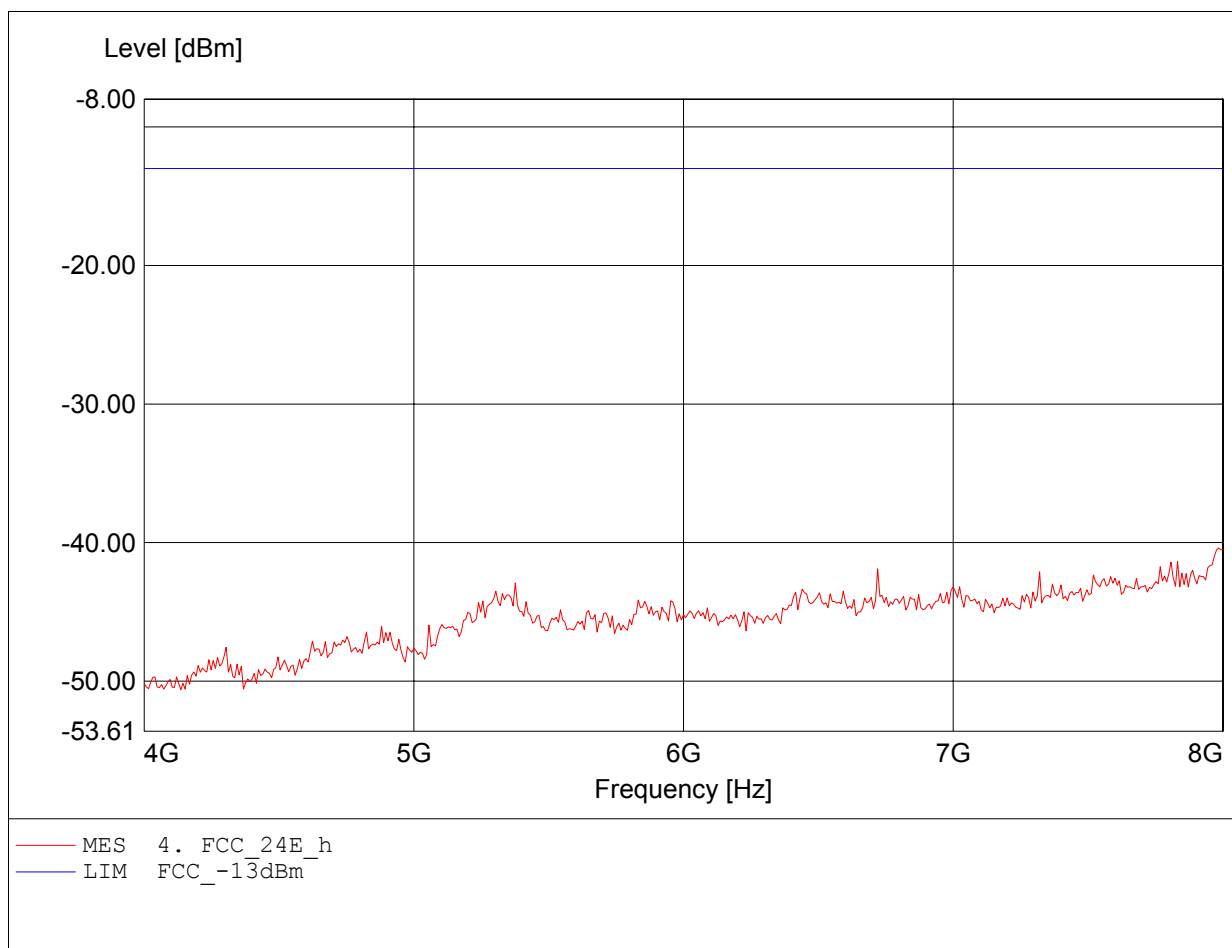
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.456GHz, Pmax: -42.44dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 24 SUBPART E**

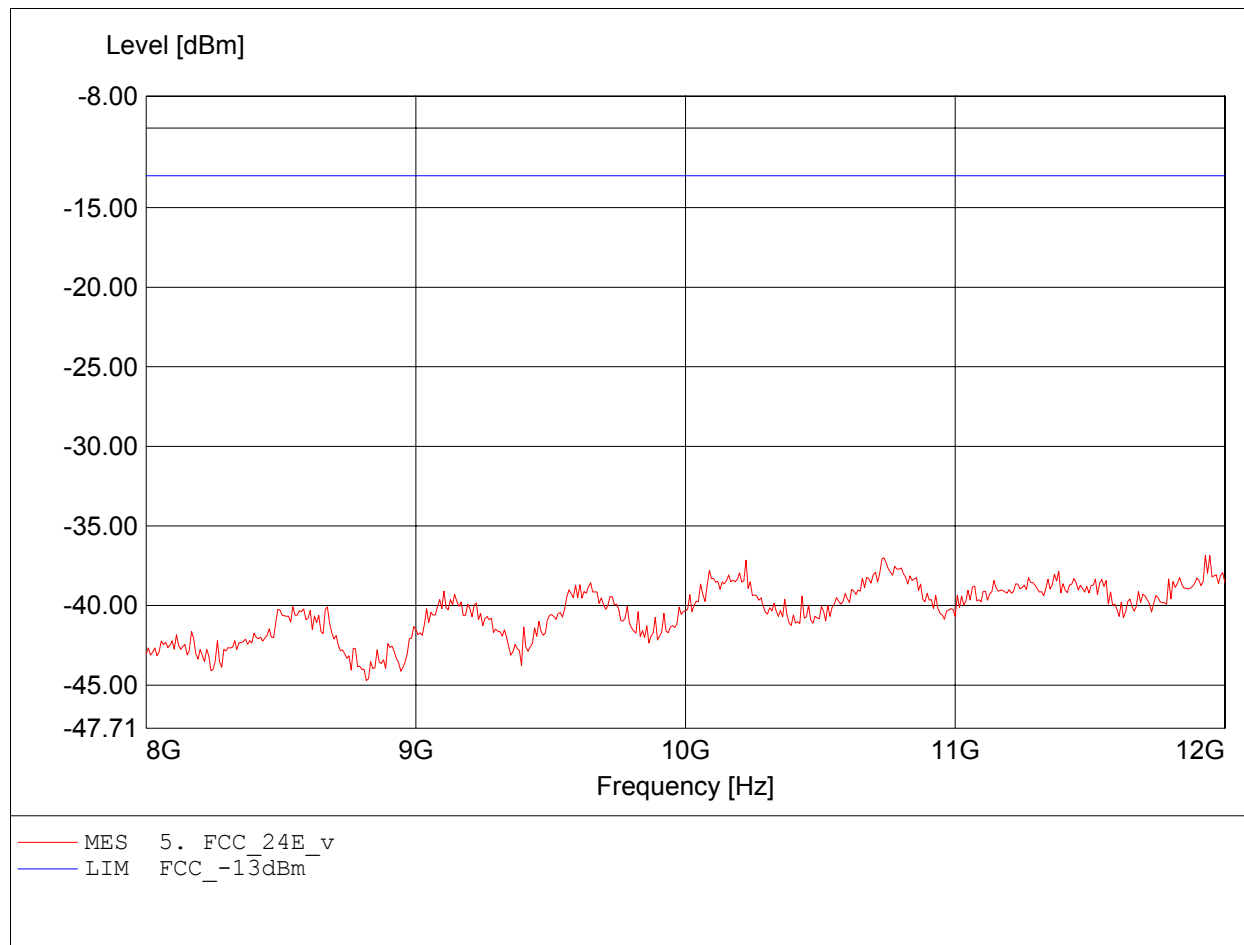
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.984GHz, Pmax: -40.38dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

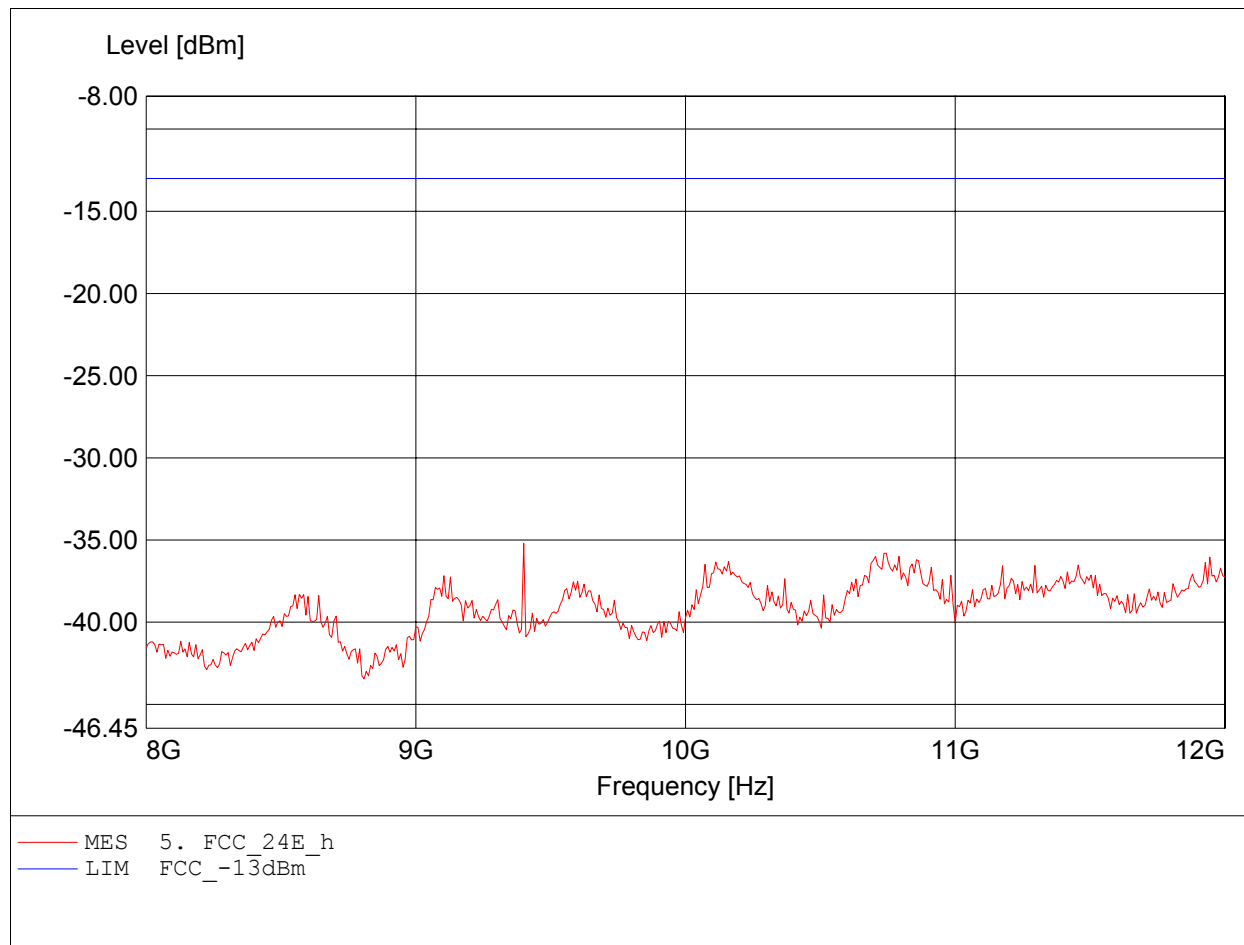
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.928GHz, Pmax: -36.84dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

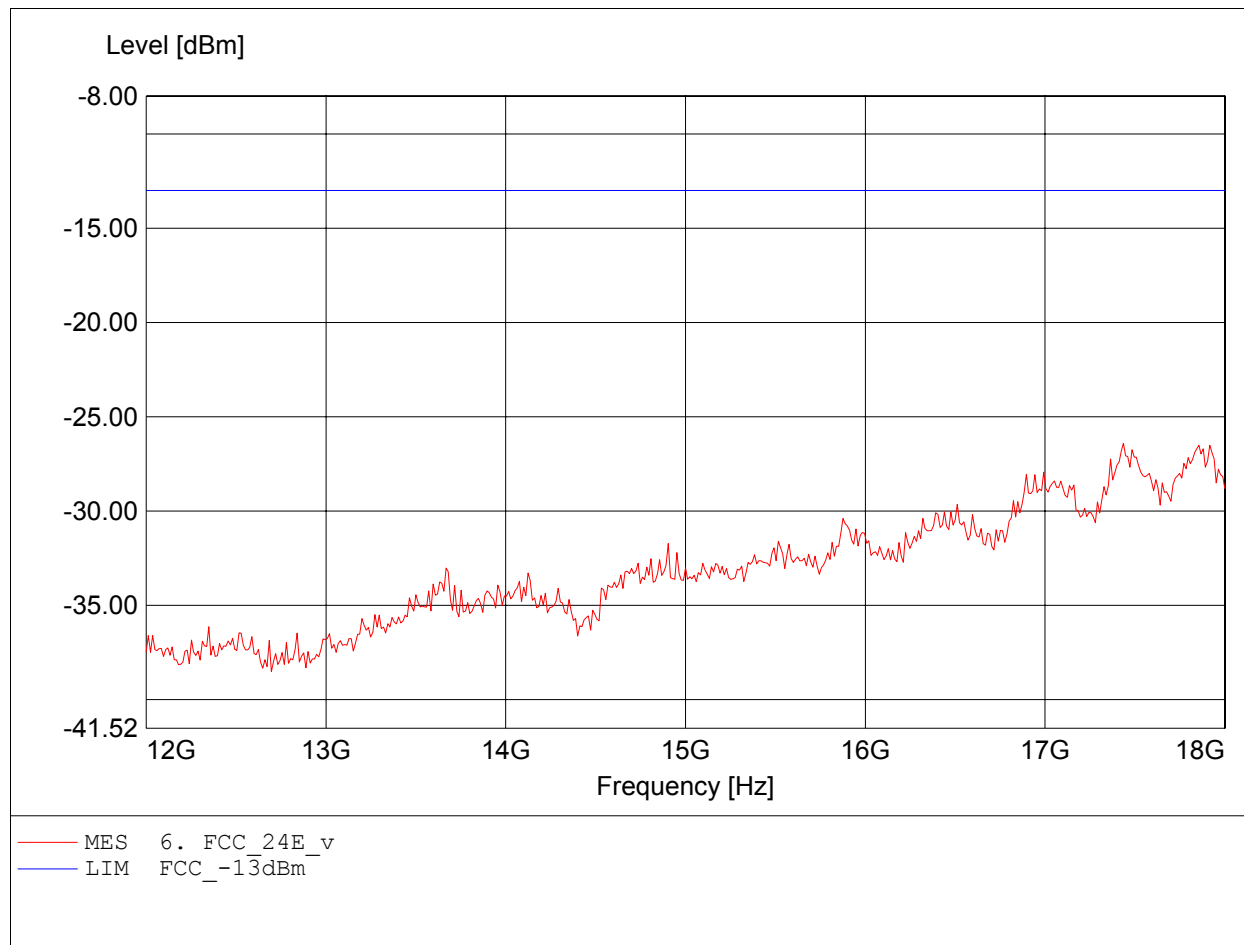
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.400GHz, Pmax: -35.20dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

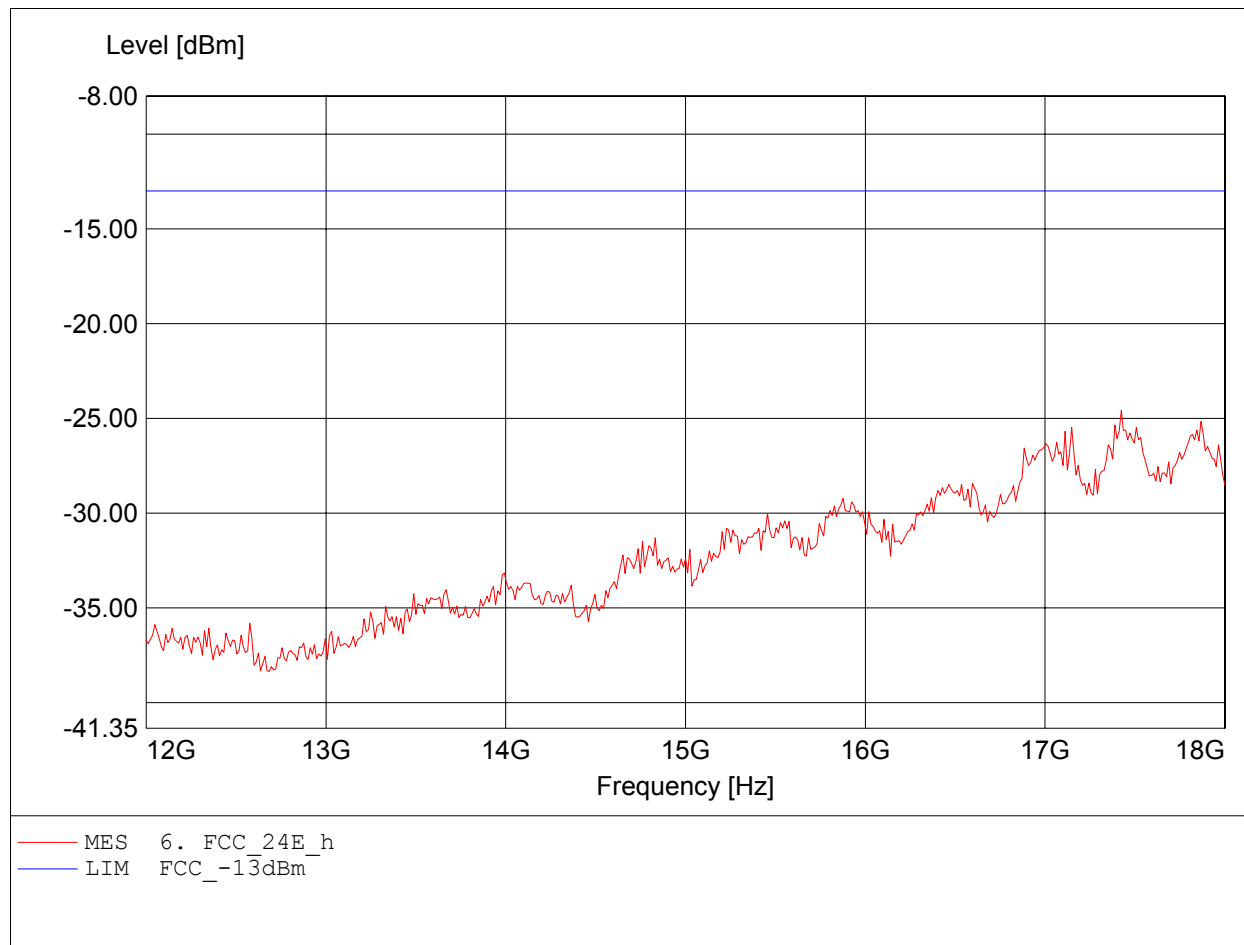
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.436GHz, Pmax: -26.41dBm, 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-1310V / 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: 17.424GHz, Pmax: -24.59dBm, RBW: 1MHz

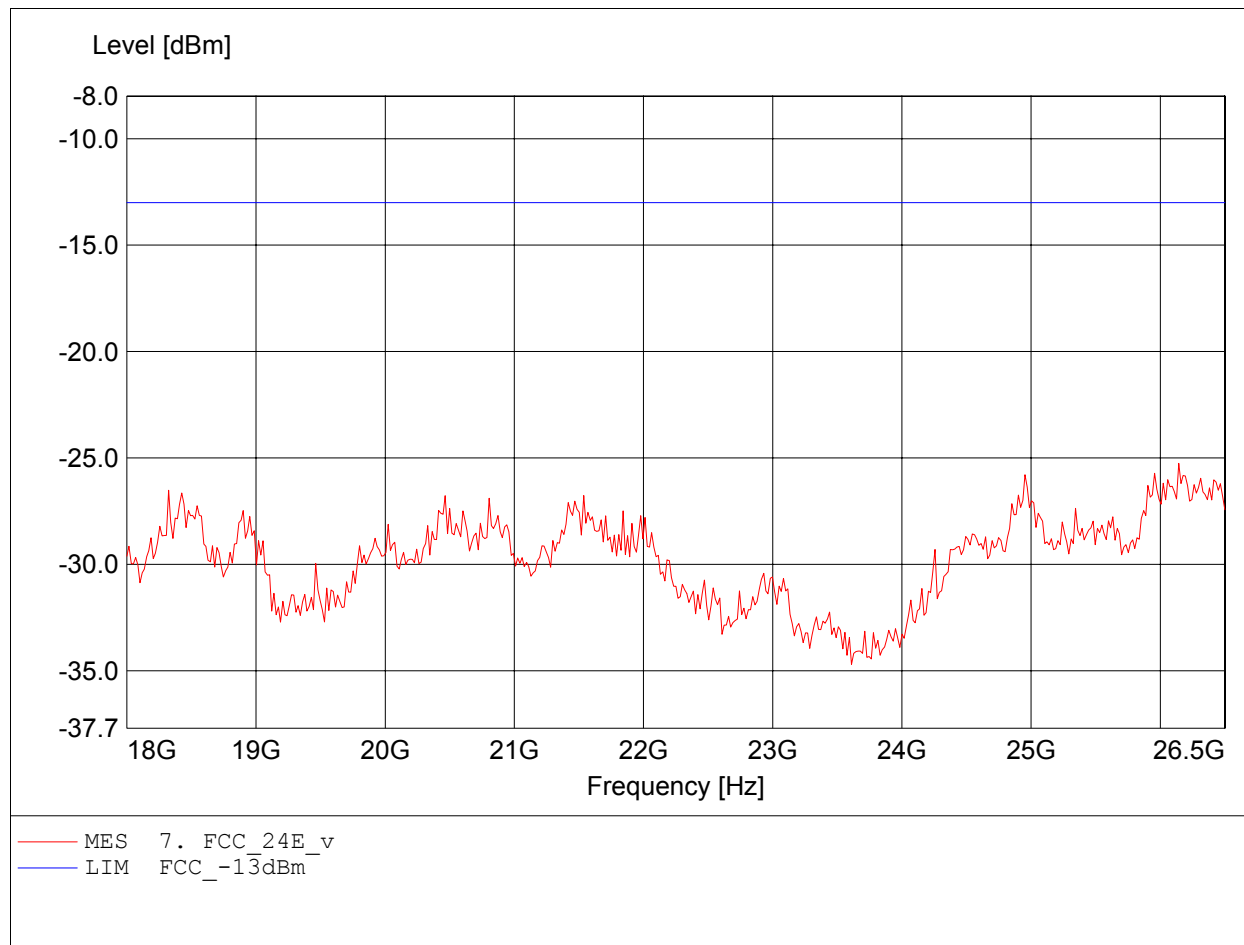




# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

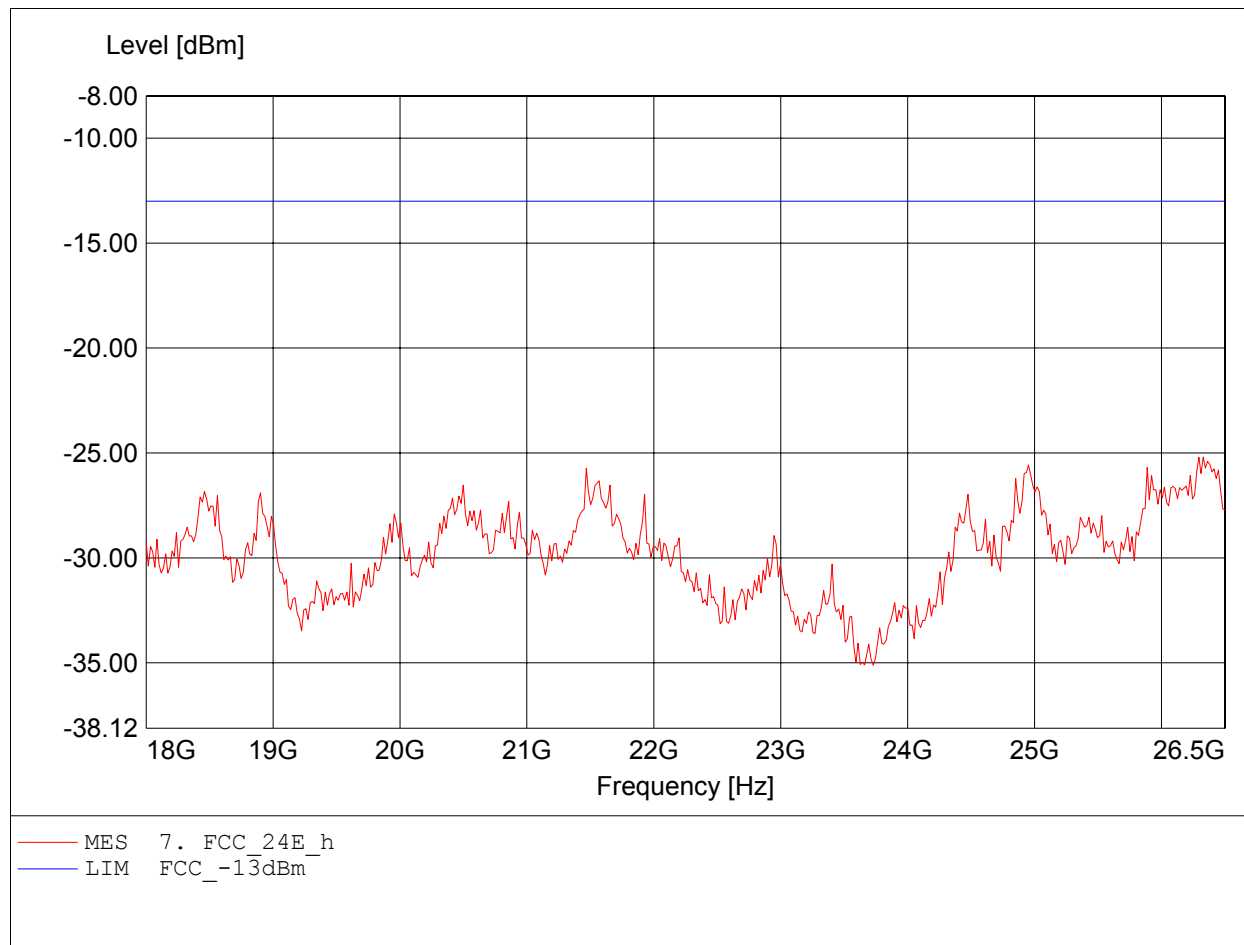
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.143GHz, Pmax: -25.26dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

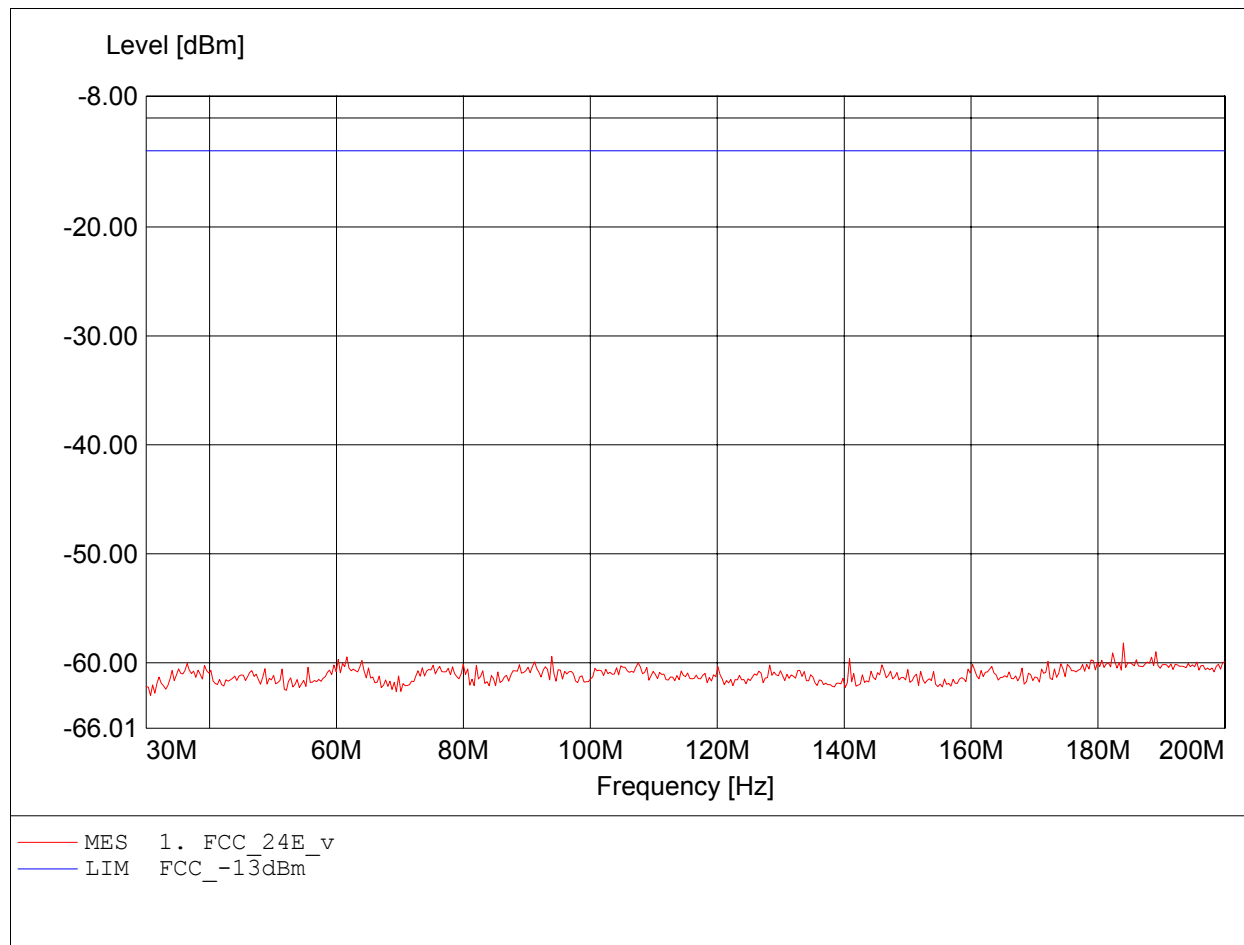
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 512  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.330GHz, Pmax: -25.19dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

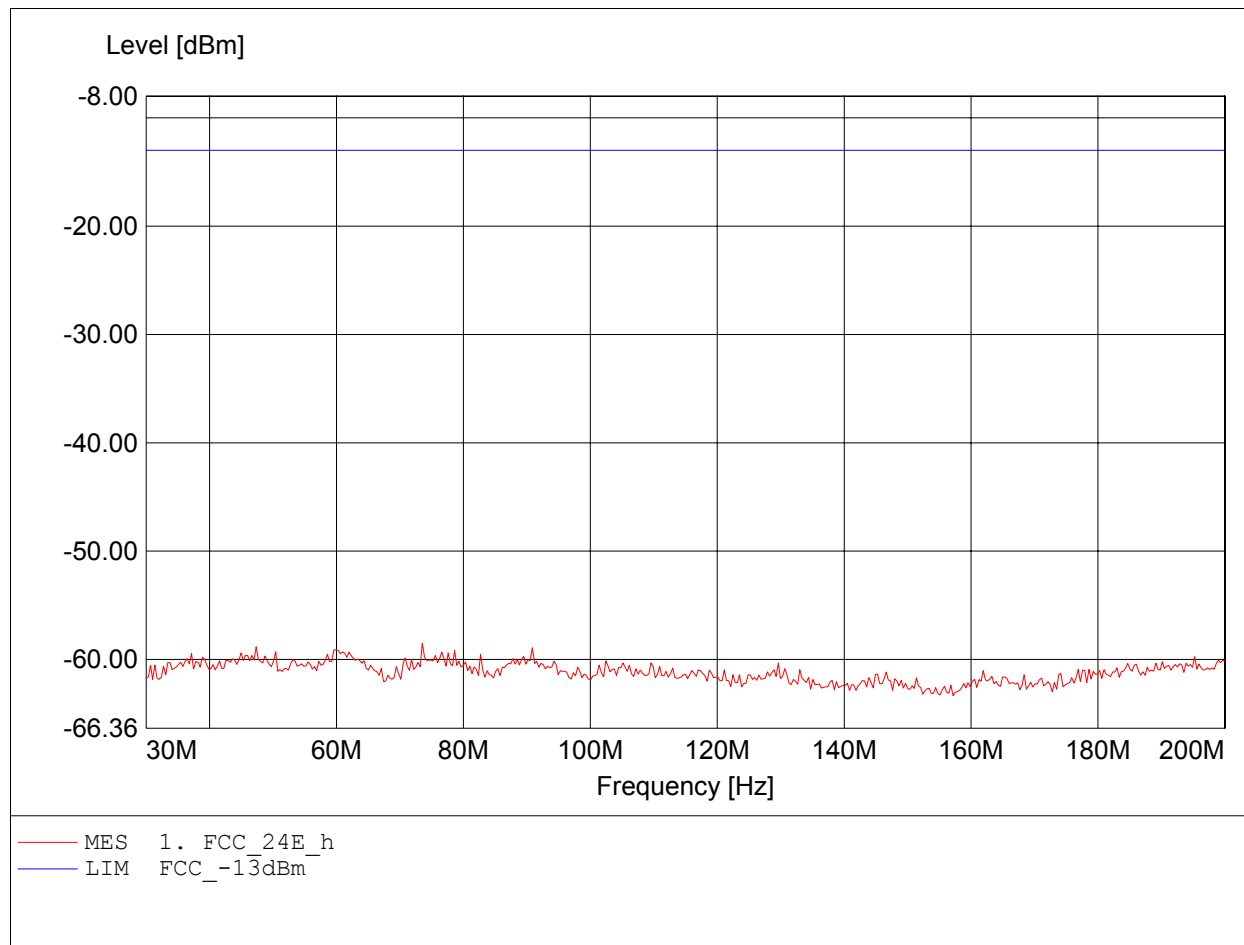
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 184.020MHz, Pmax: -58.19dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

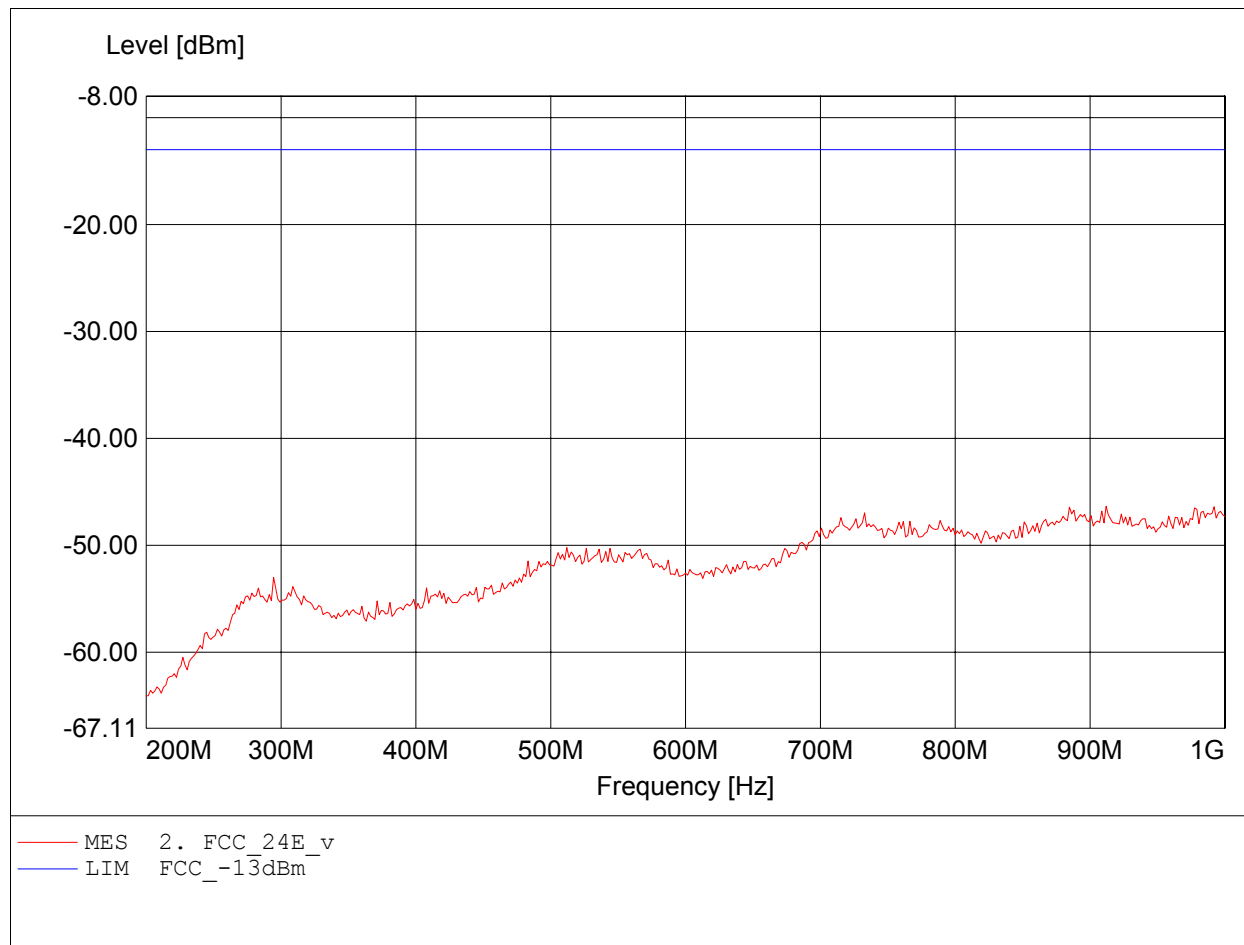
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 73.520MHz, Pmax: -58.51dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

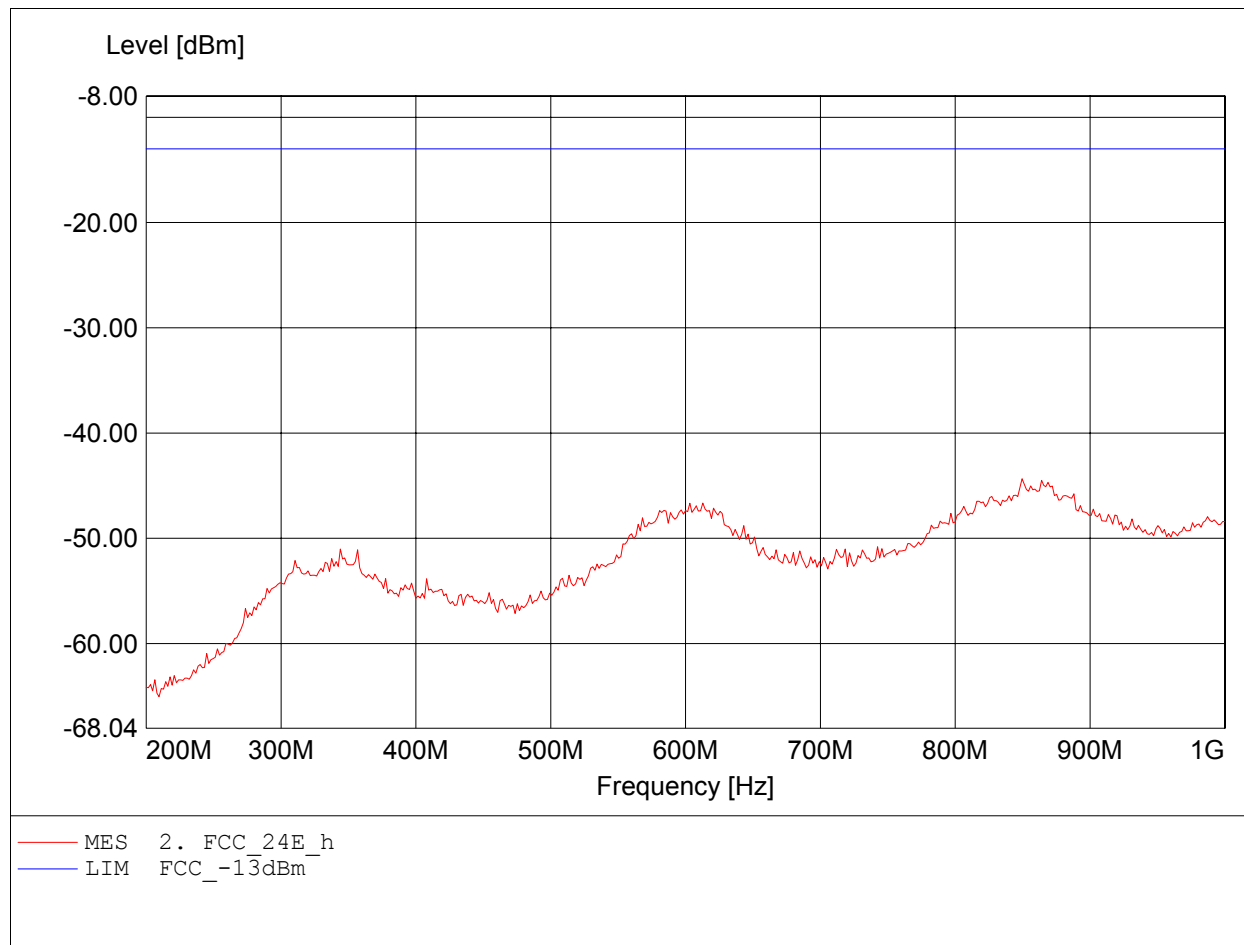
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 661  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 912.000MHz, Pmax: -46.35dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

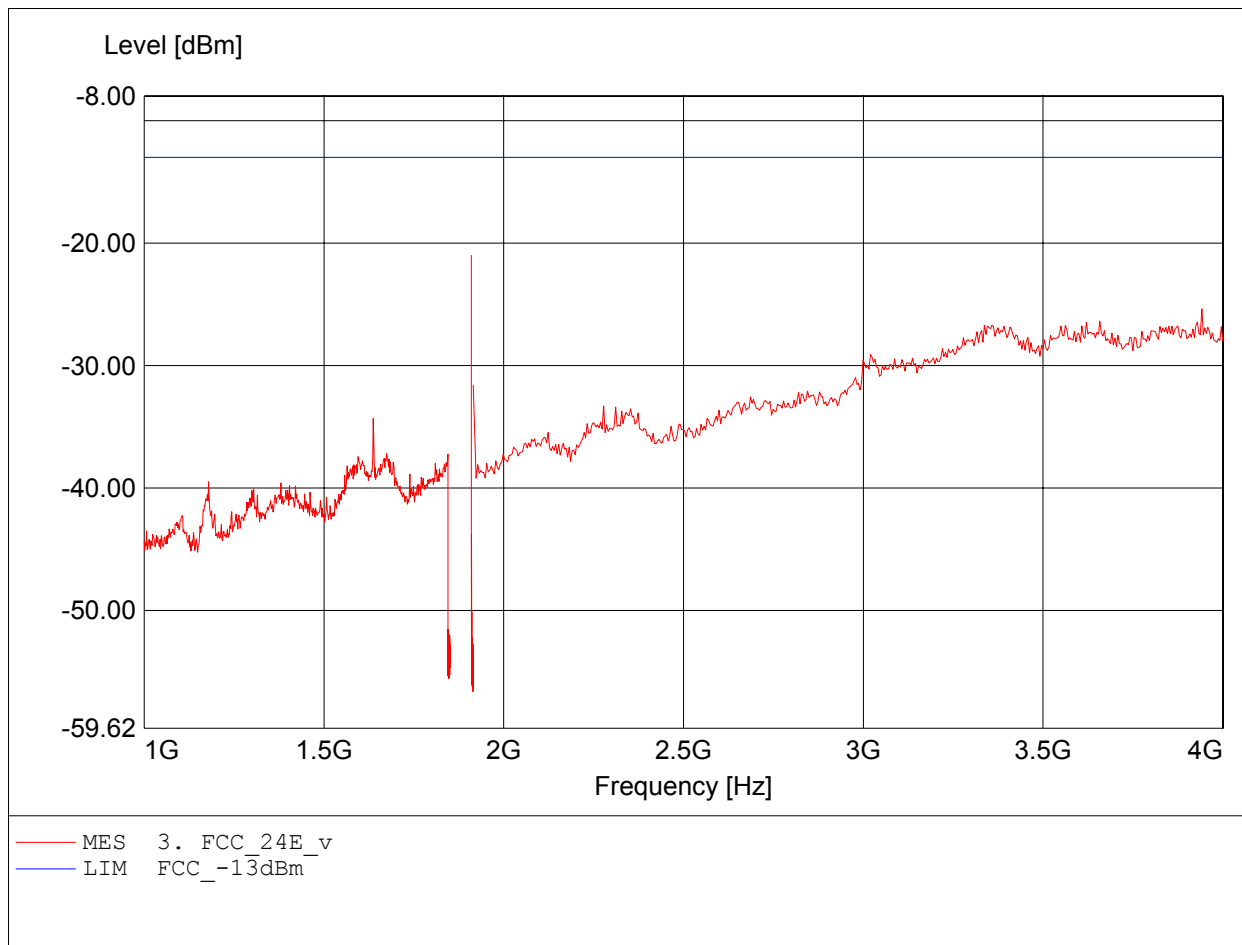
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 849.600MHz, Pmax: -44.34dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 24 SUBPART E**

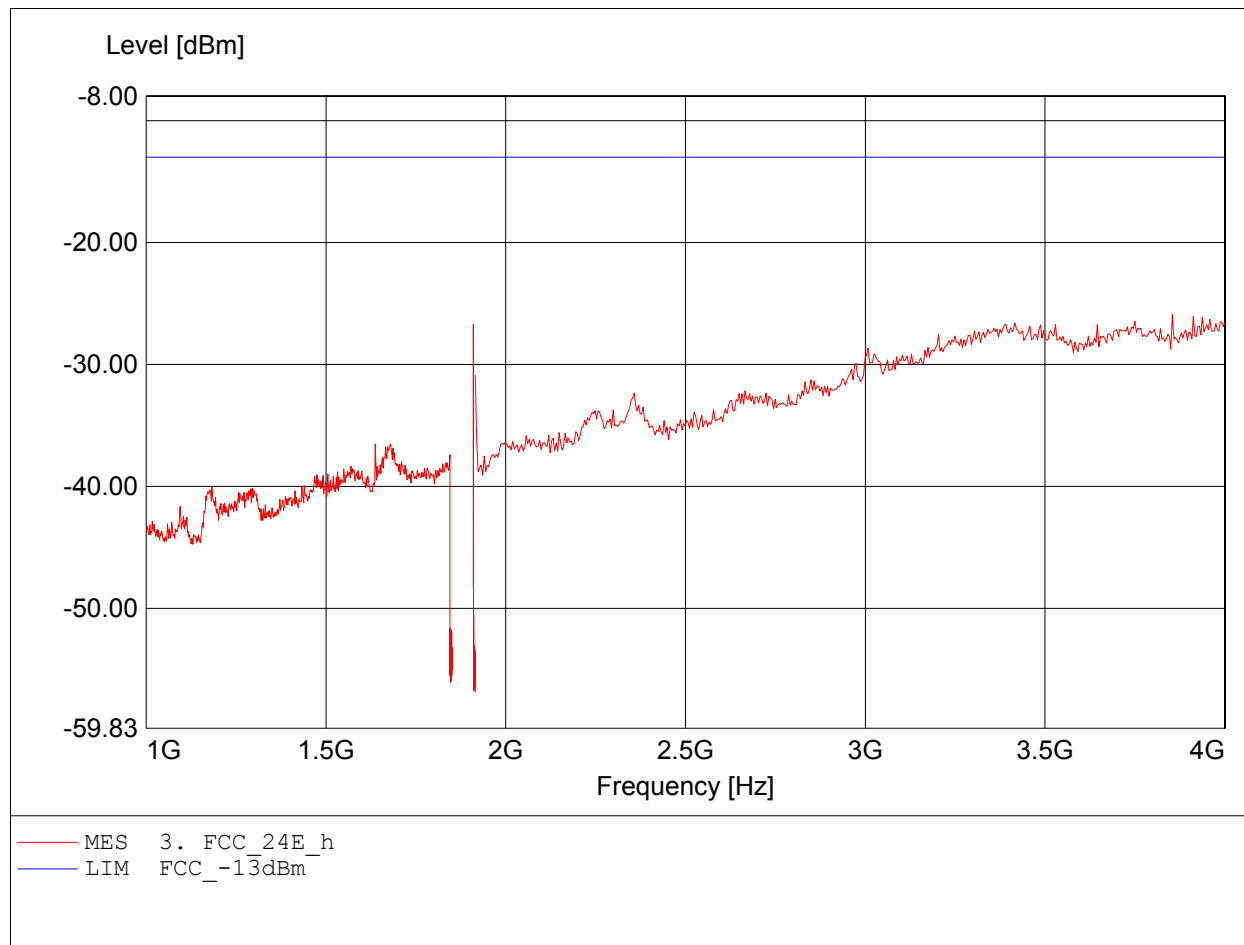
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.910GHz, Pmax: -21.01dBm, 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-1310V / 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  
Comment 2: Freq: 3.854GHz, Pmax: -25.90dBm, RBW: 1MHz/3kHz

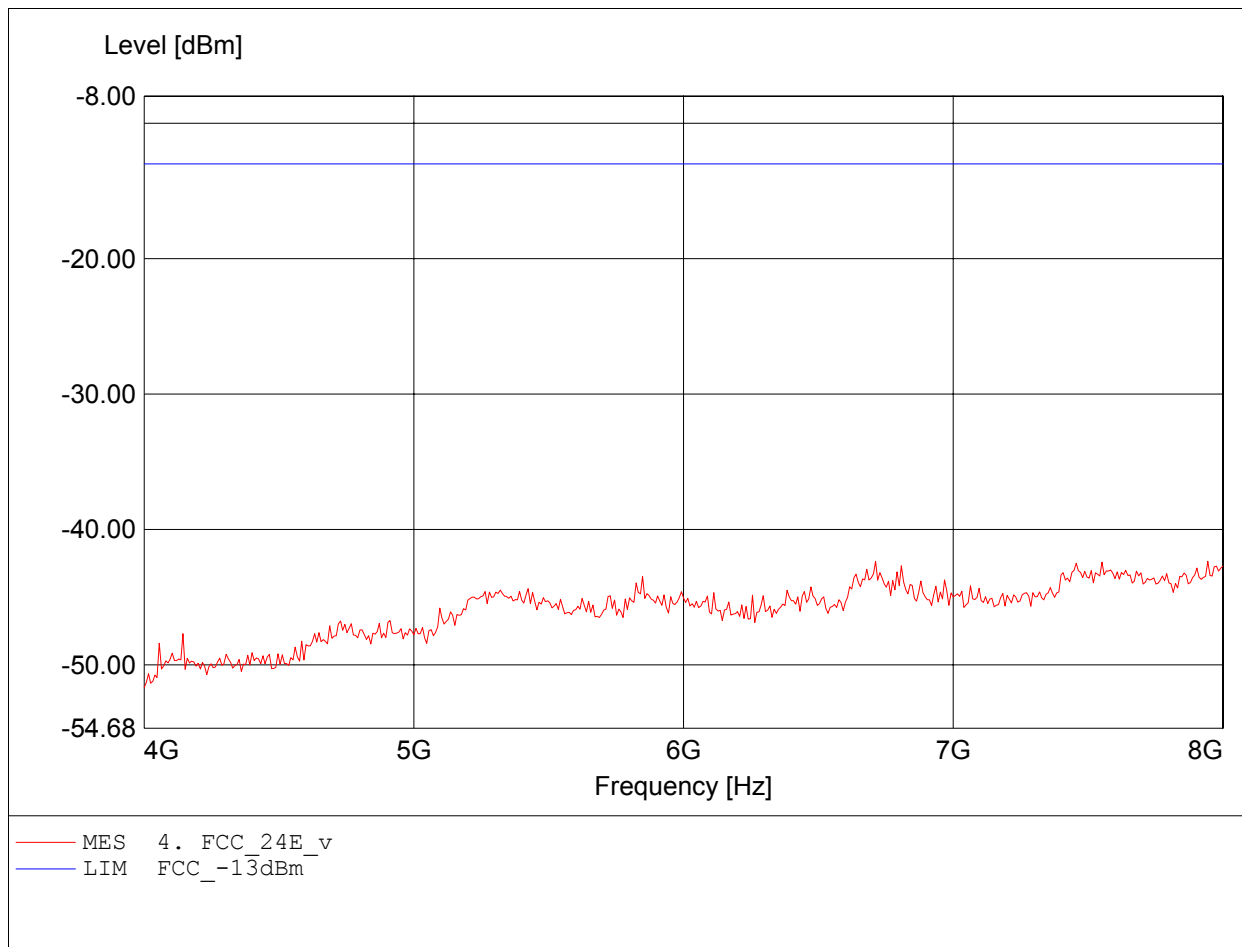




**Radiated Emissions Tx**

**FCC RULES PART 24 SUBPART E**

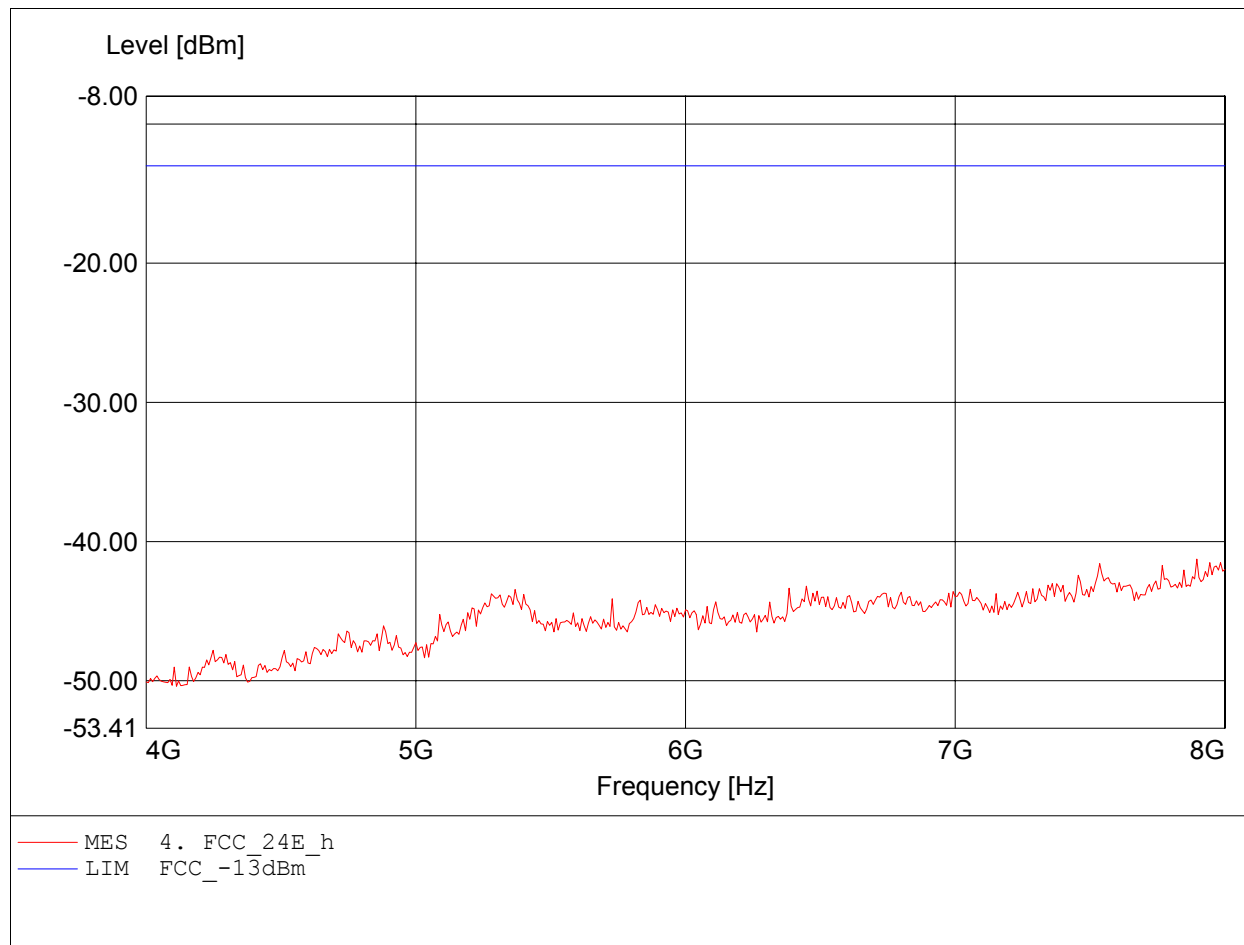
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.712GHz, Pmax: -42.34dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

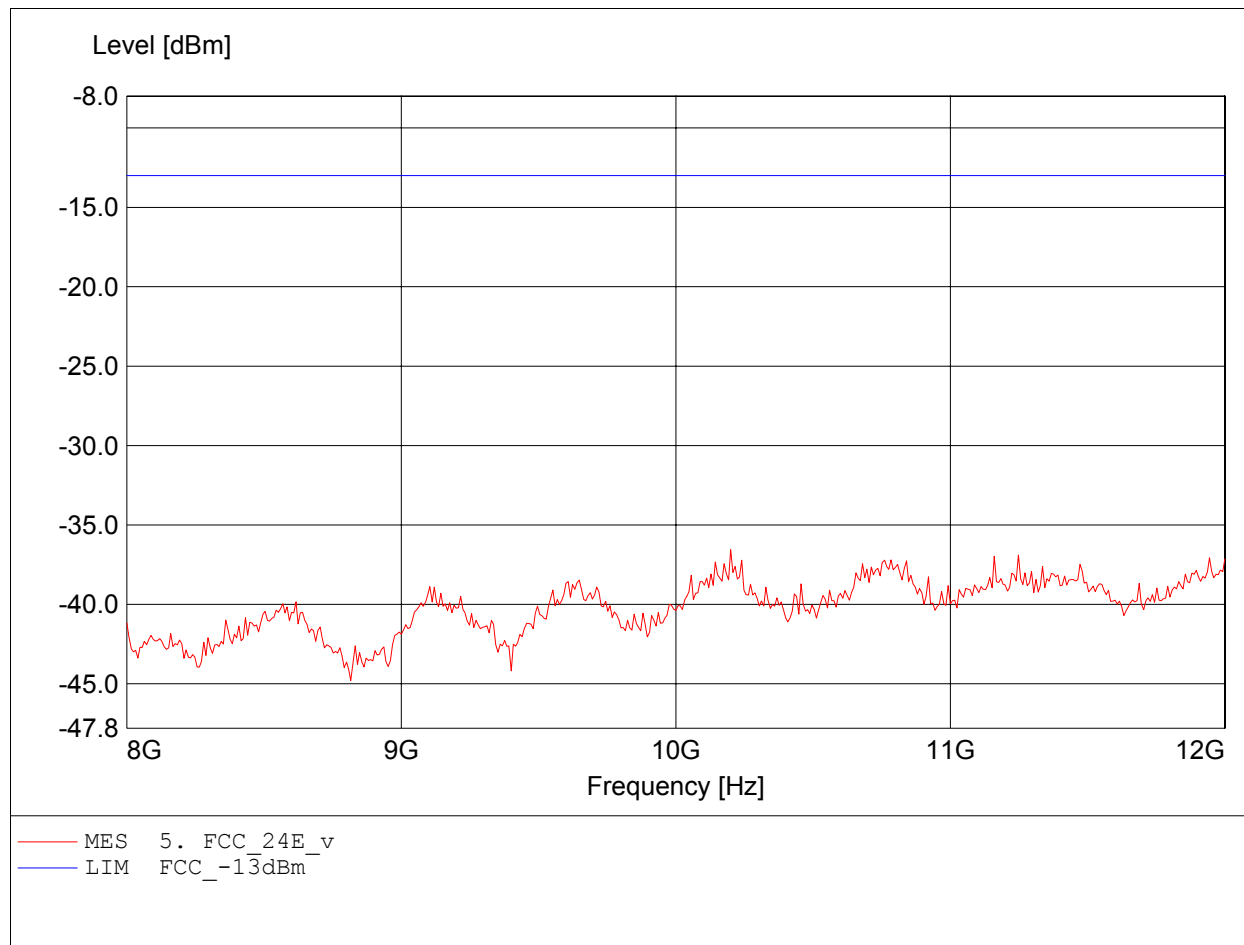
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.896GHz, Pmax: -41.25dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

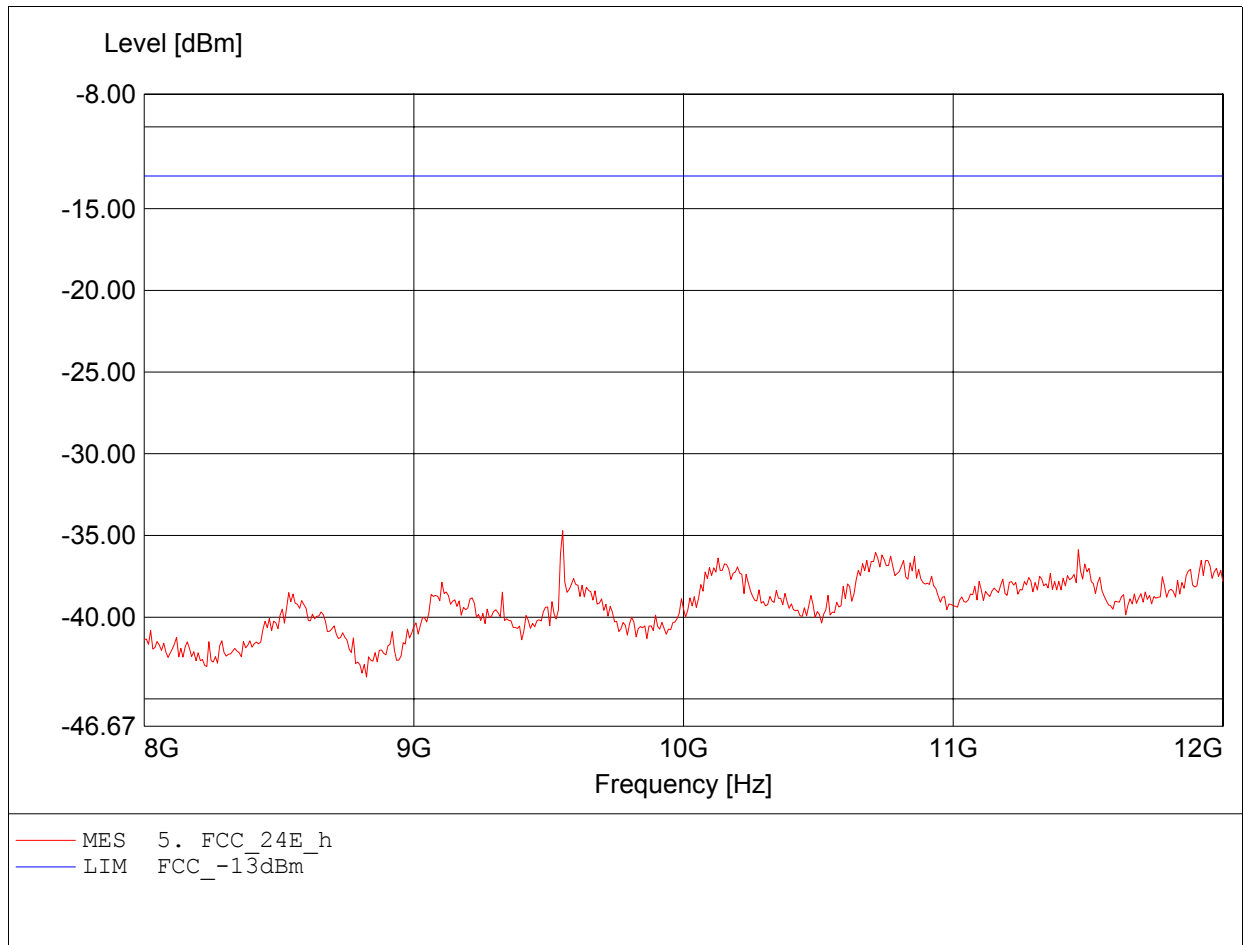
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.200GHz, Pmax: -36.55dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 24 SUBPART E**

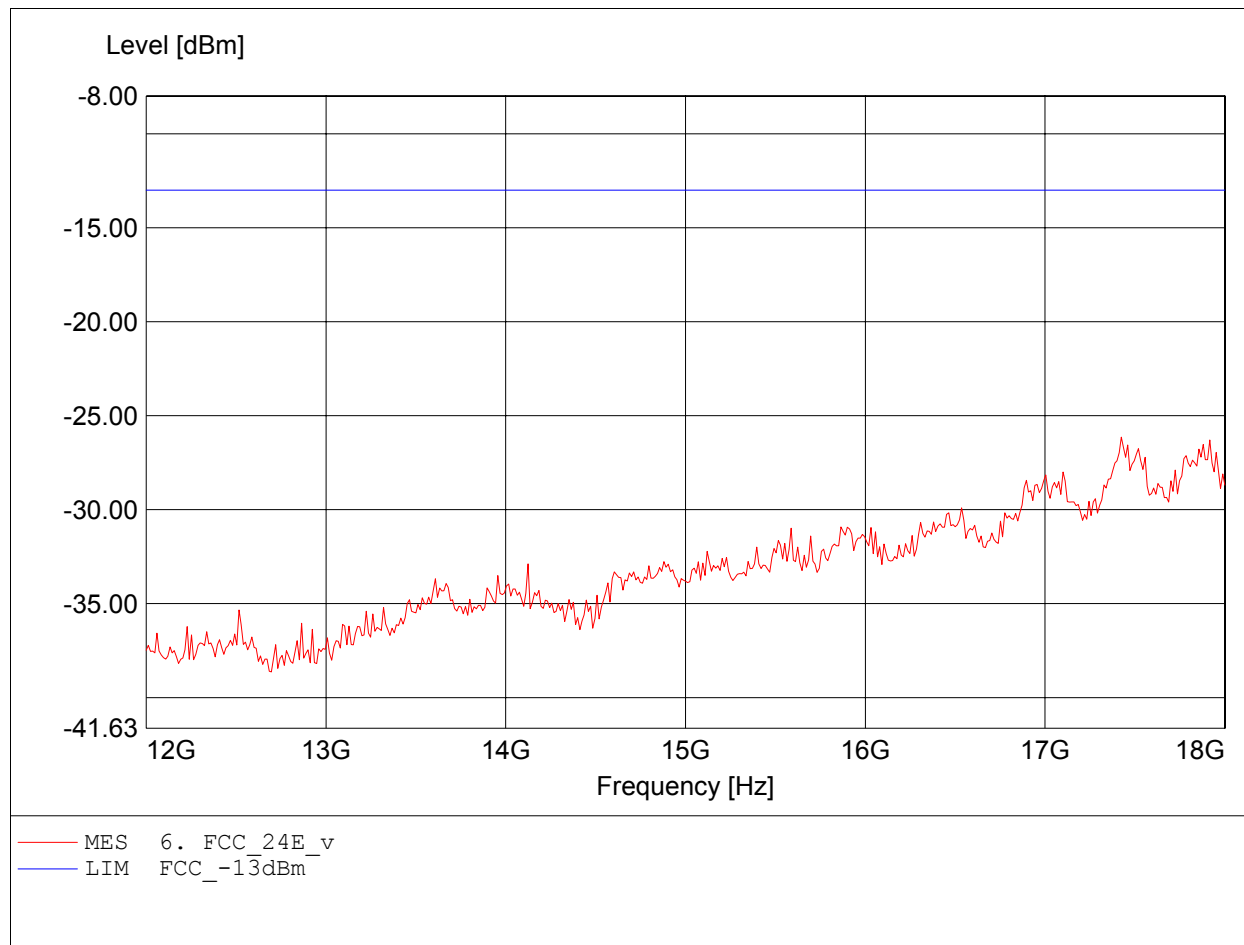
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 9.552GHz, Pmax: -34.70dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

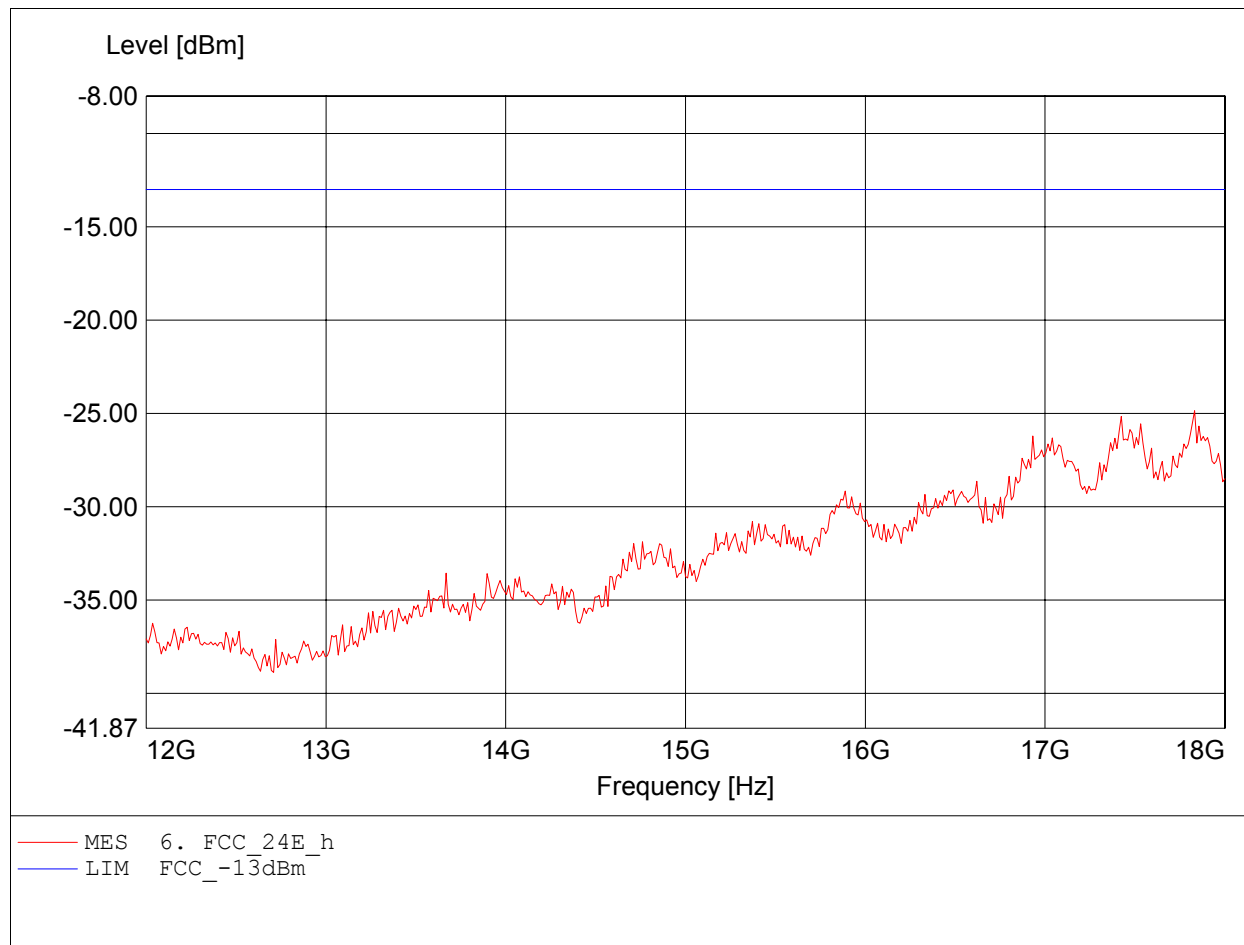
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.424GHz, Pmax: -26.14dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

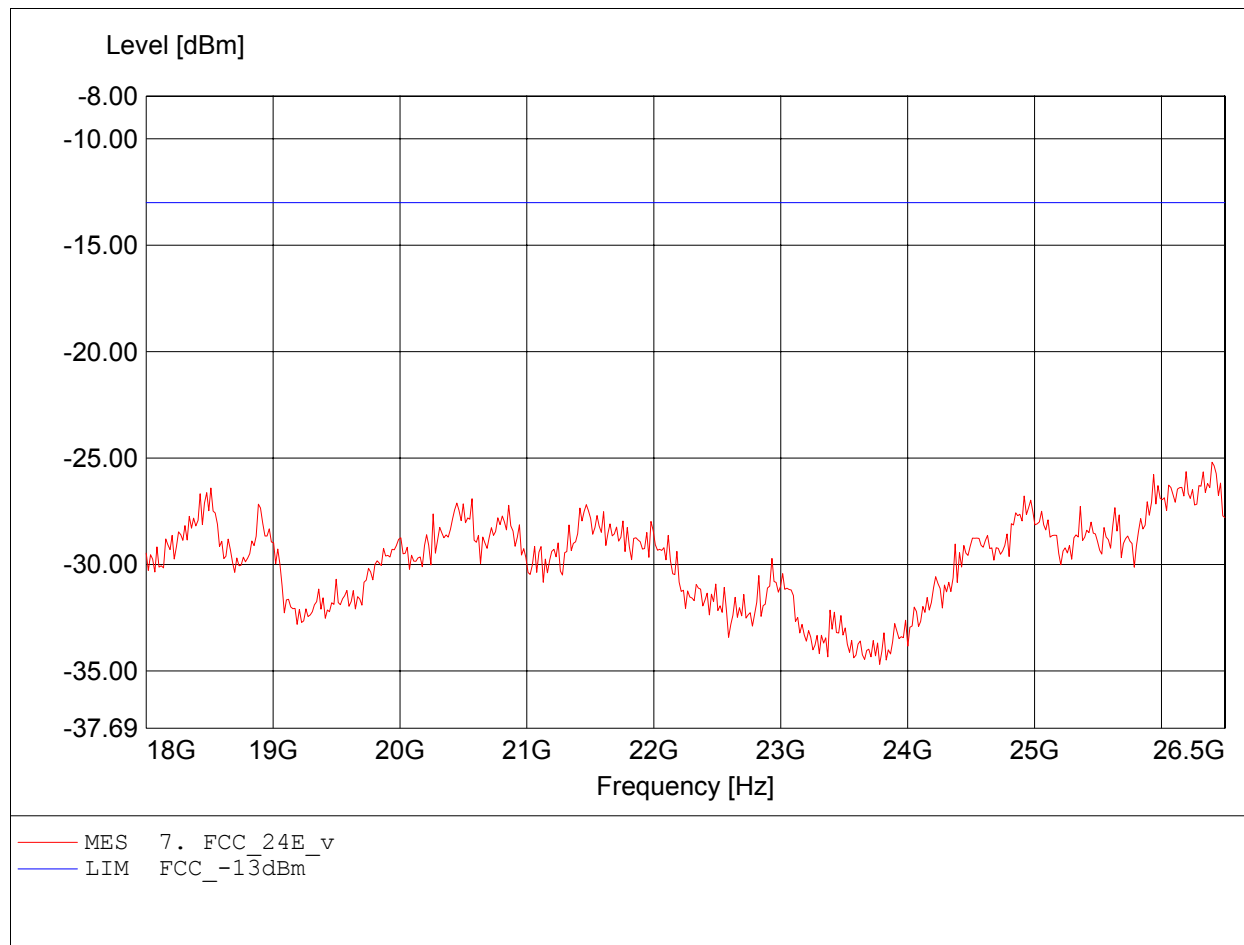
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.832GHz, Pmax: -24.86dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 24 SUBPART E

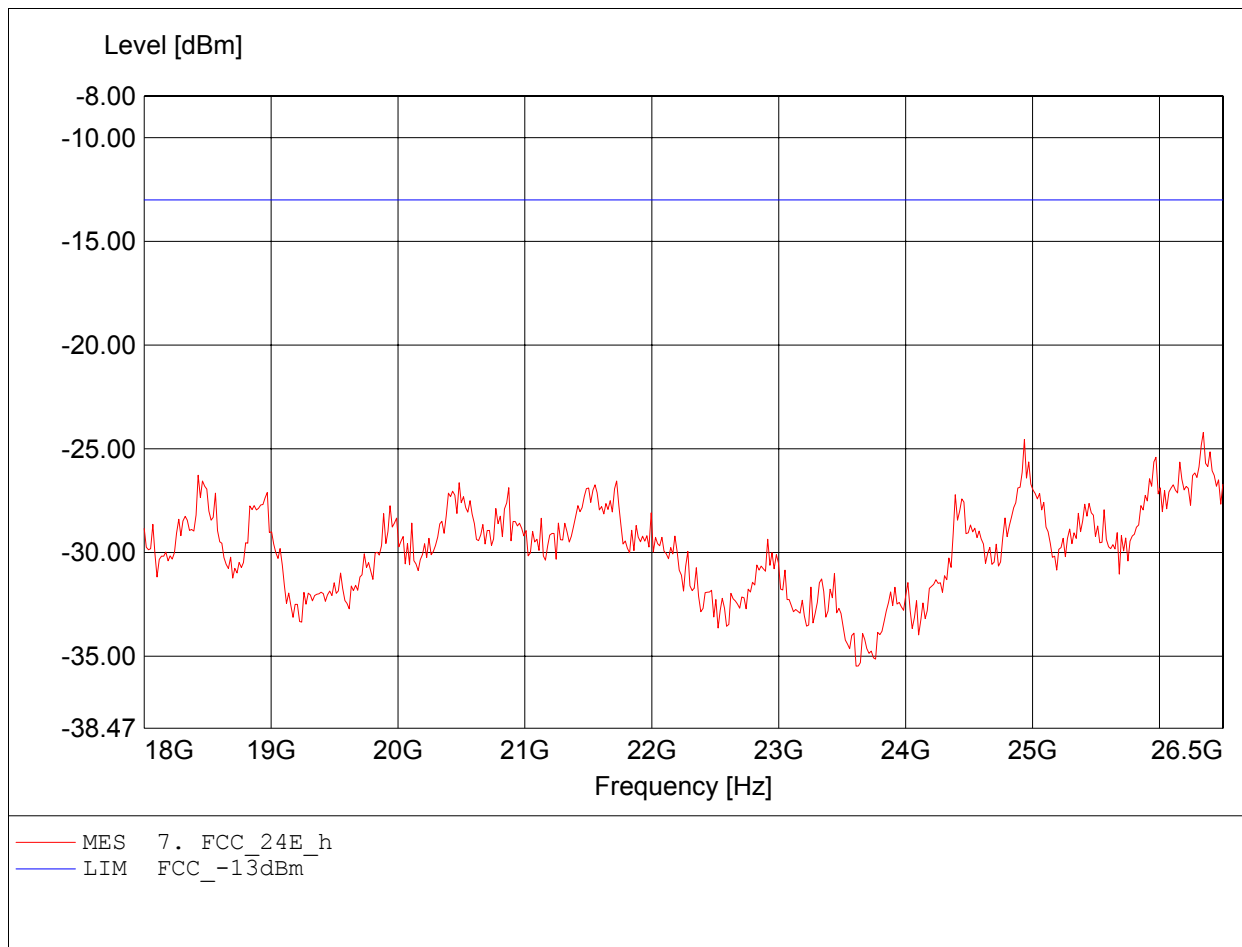
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.398GHz, Pmax: -25.19dBm, 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-1310V / 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, amplif.  
Comment 2: Freq: 26.347GHz, Pmax: -24.22dBm, RBW: 1MHz

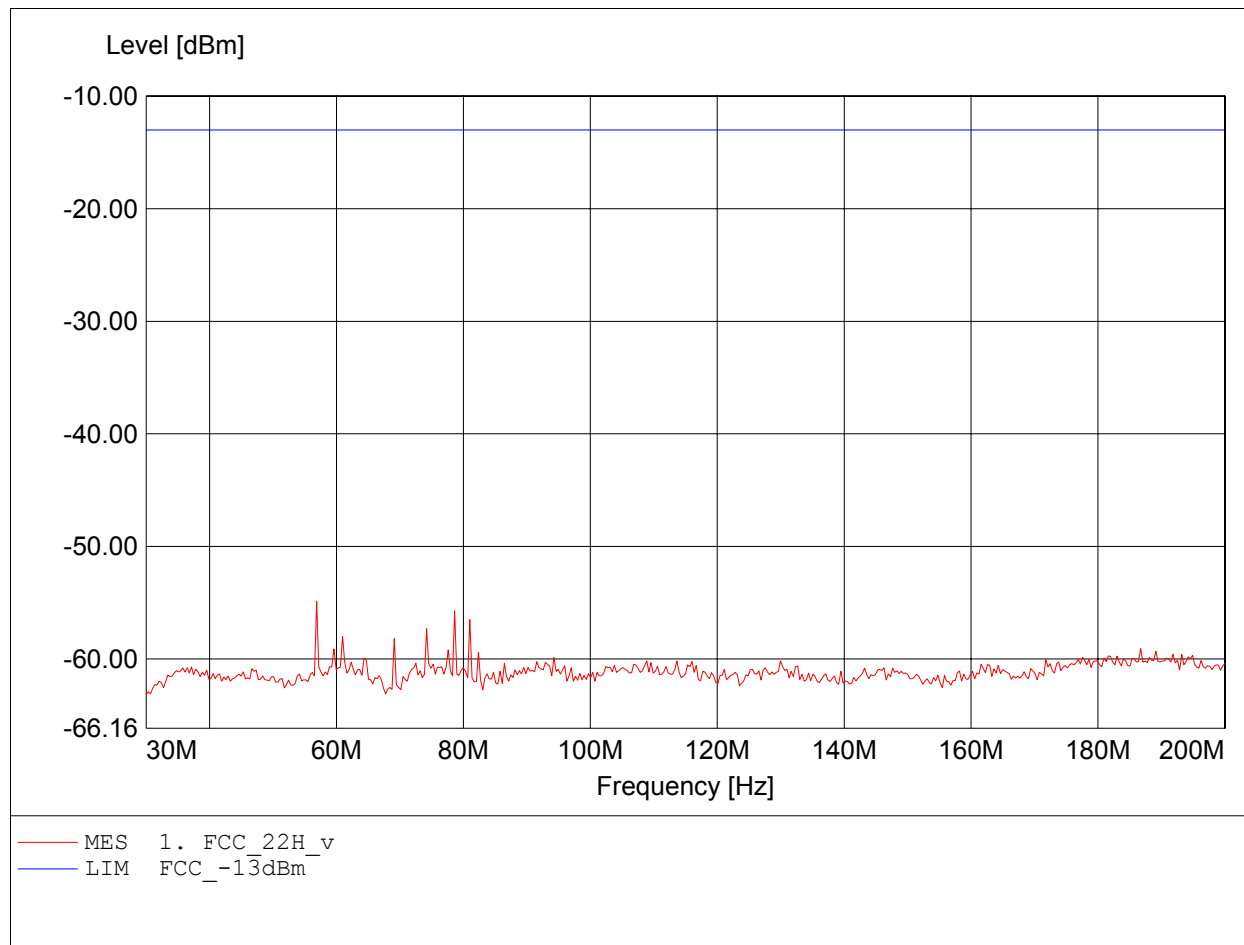




# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

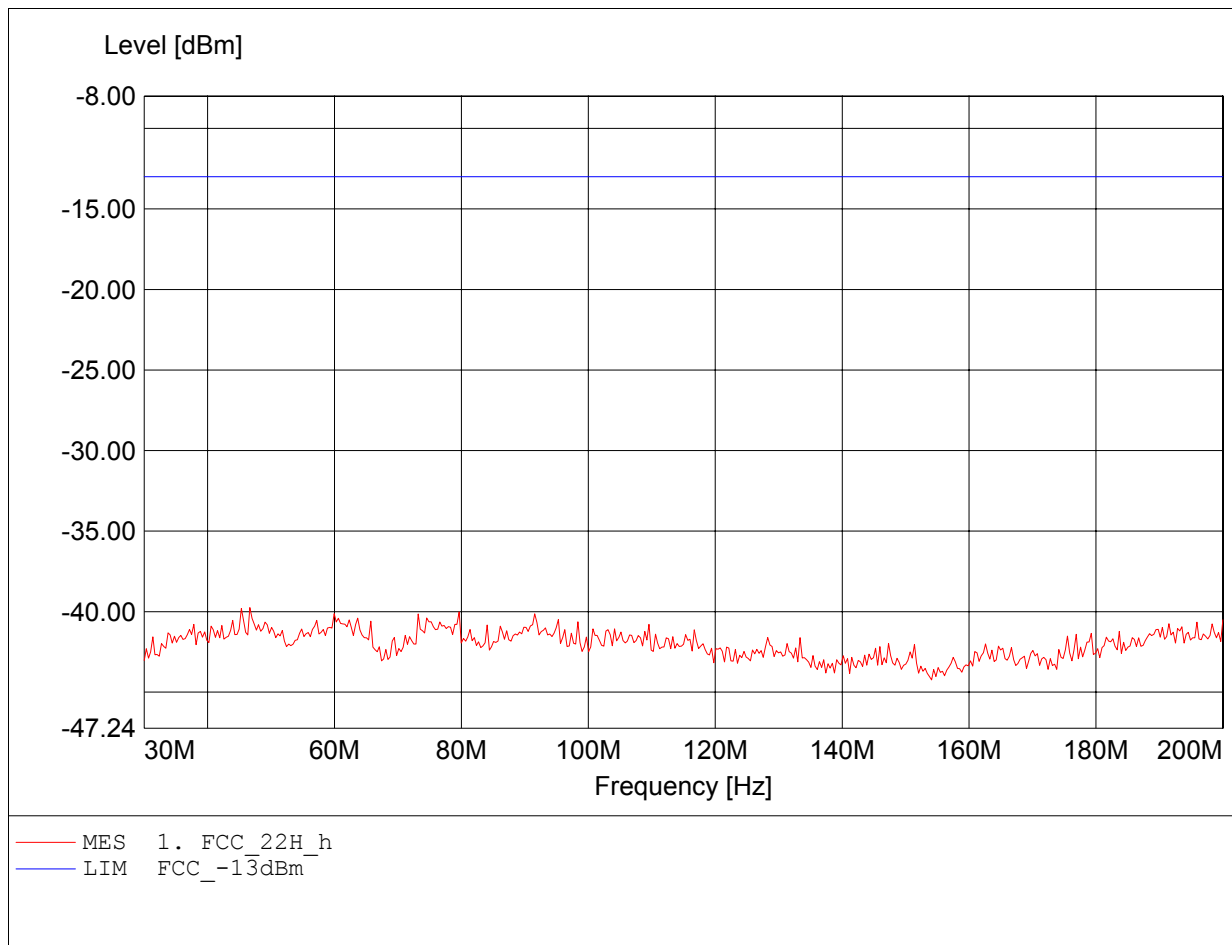
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 56.860MHz, Pmax: -54.87dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 22 SUBPART H**

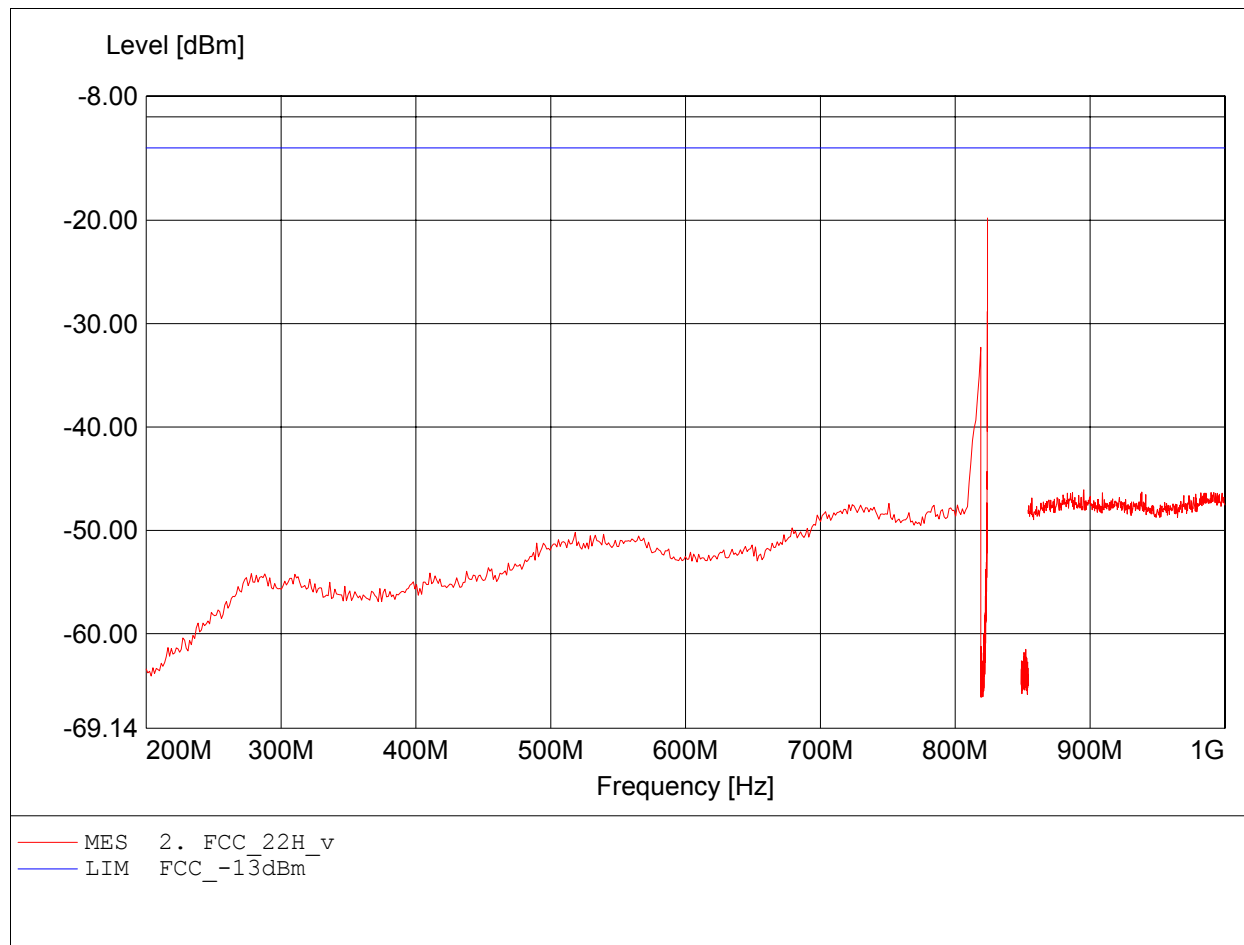
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 46.660MHz, Pmax: -39.75dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

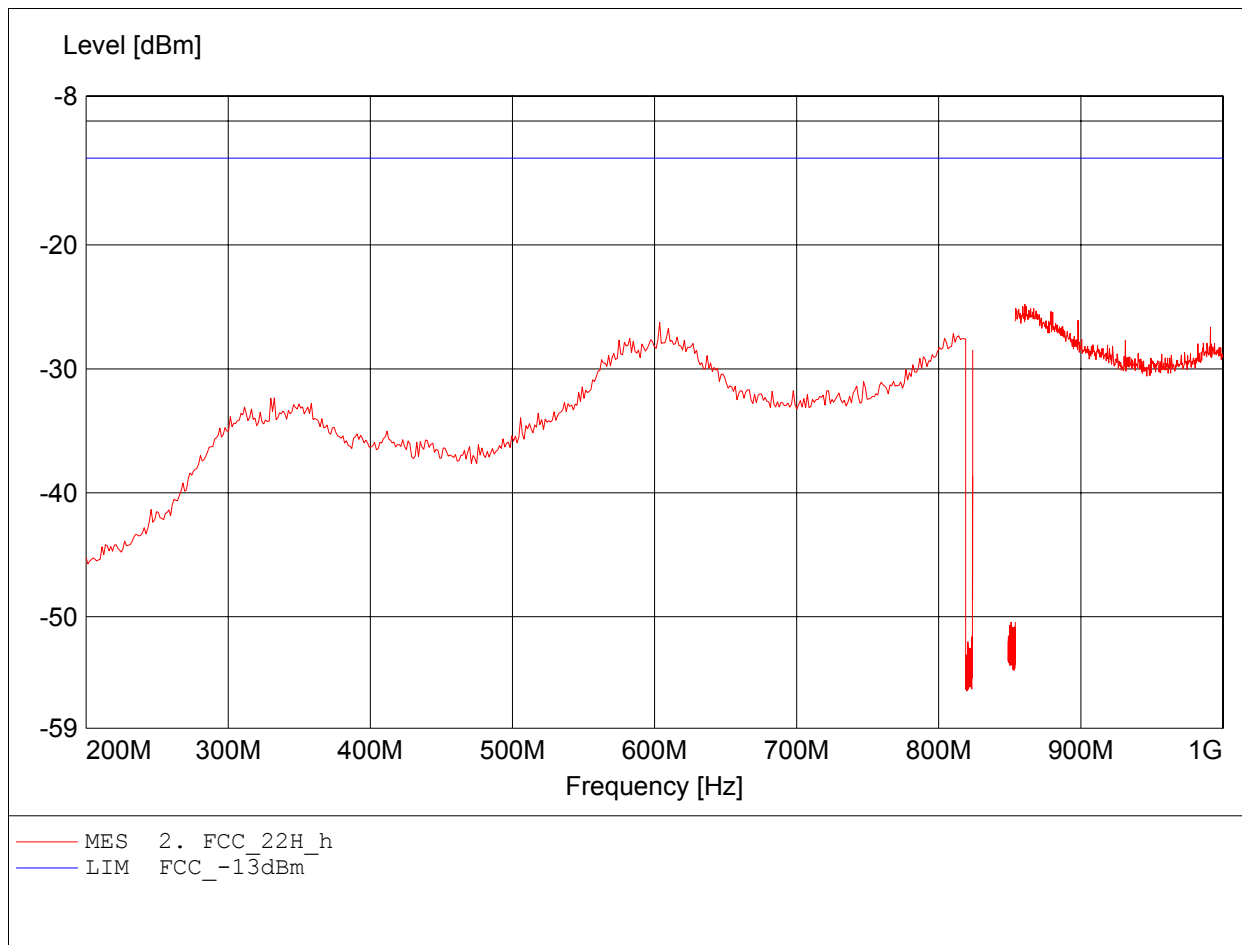
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 823.980MHz, Pmax: -19.77dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 22 SUBPART H**

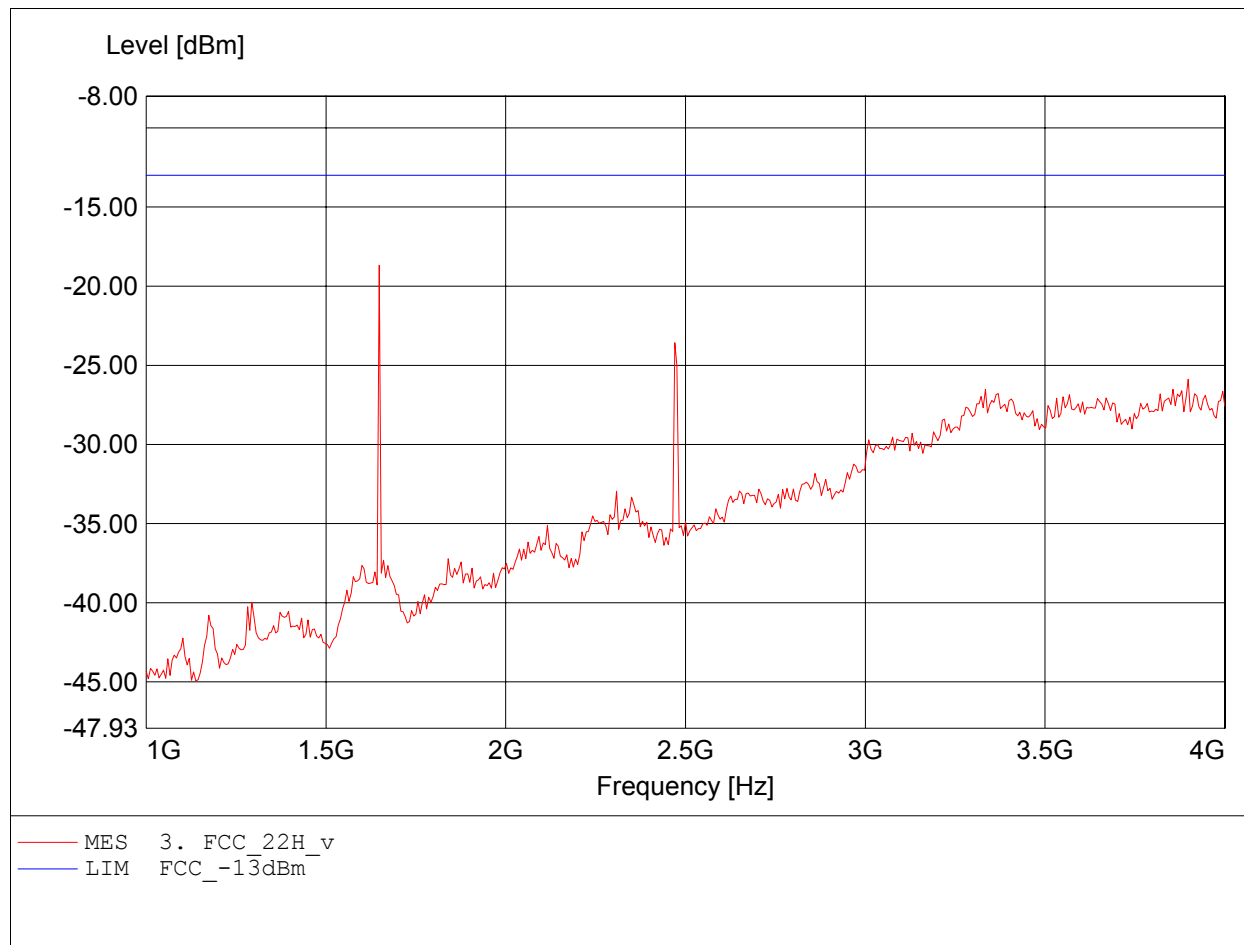
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 860.716MHz, Pmax: -24.79dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

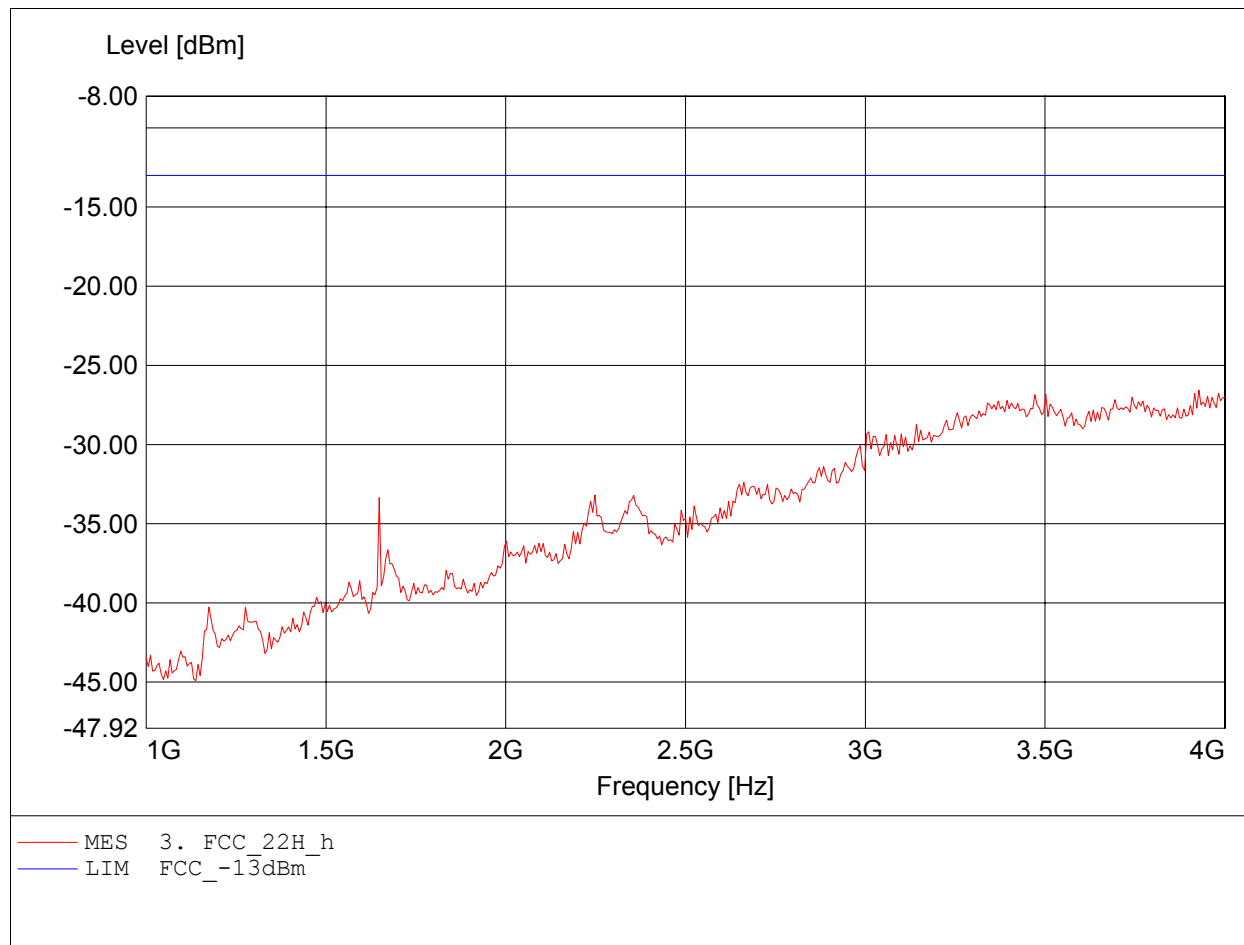
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 810  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.648GHz, Pmax: -18.68dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

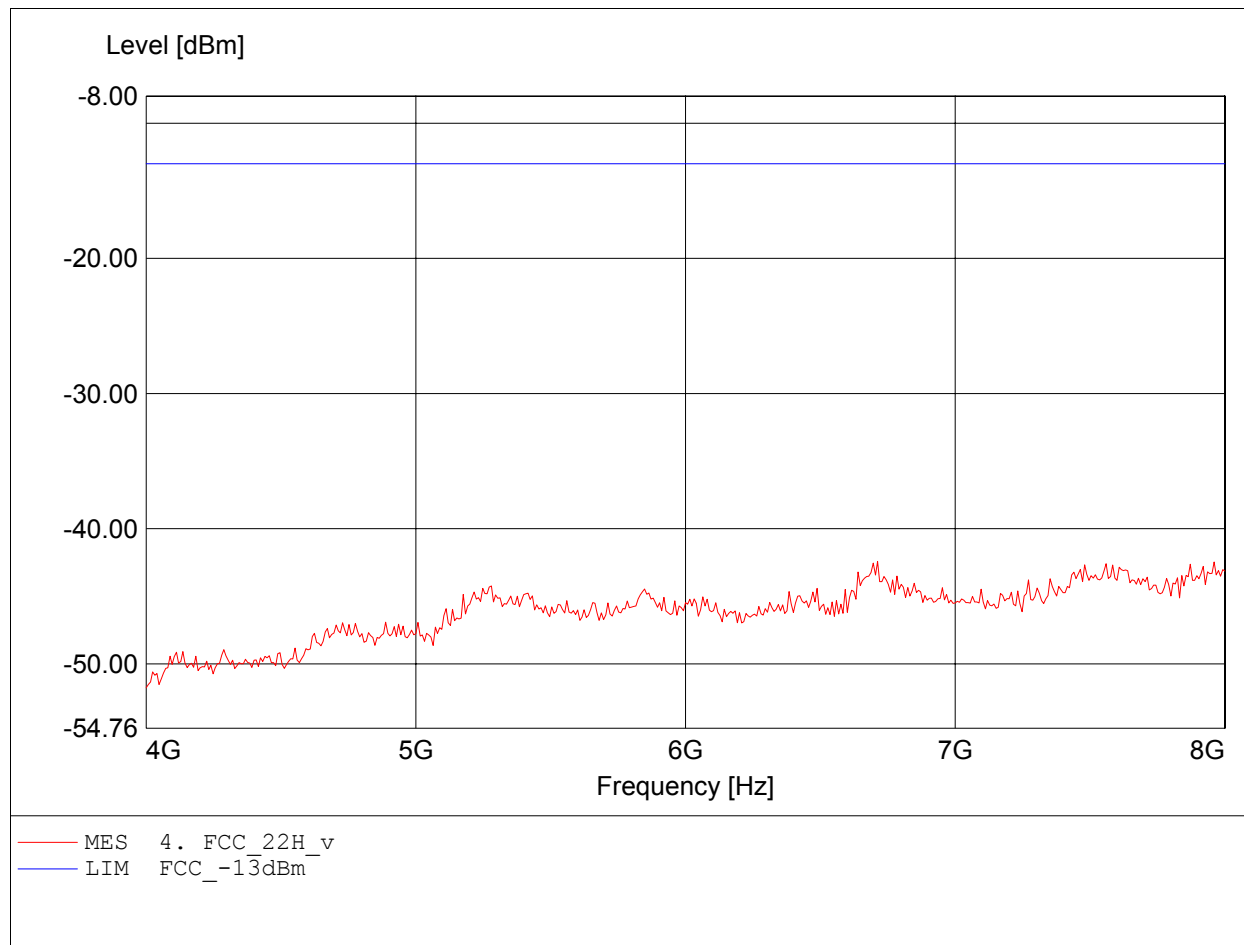
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.928GHz, Pmax: -26.56dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

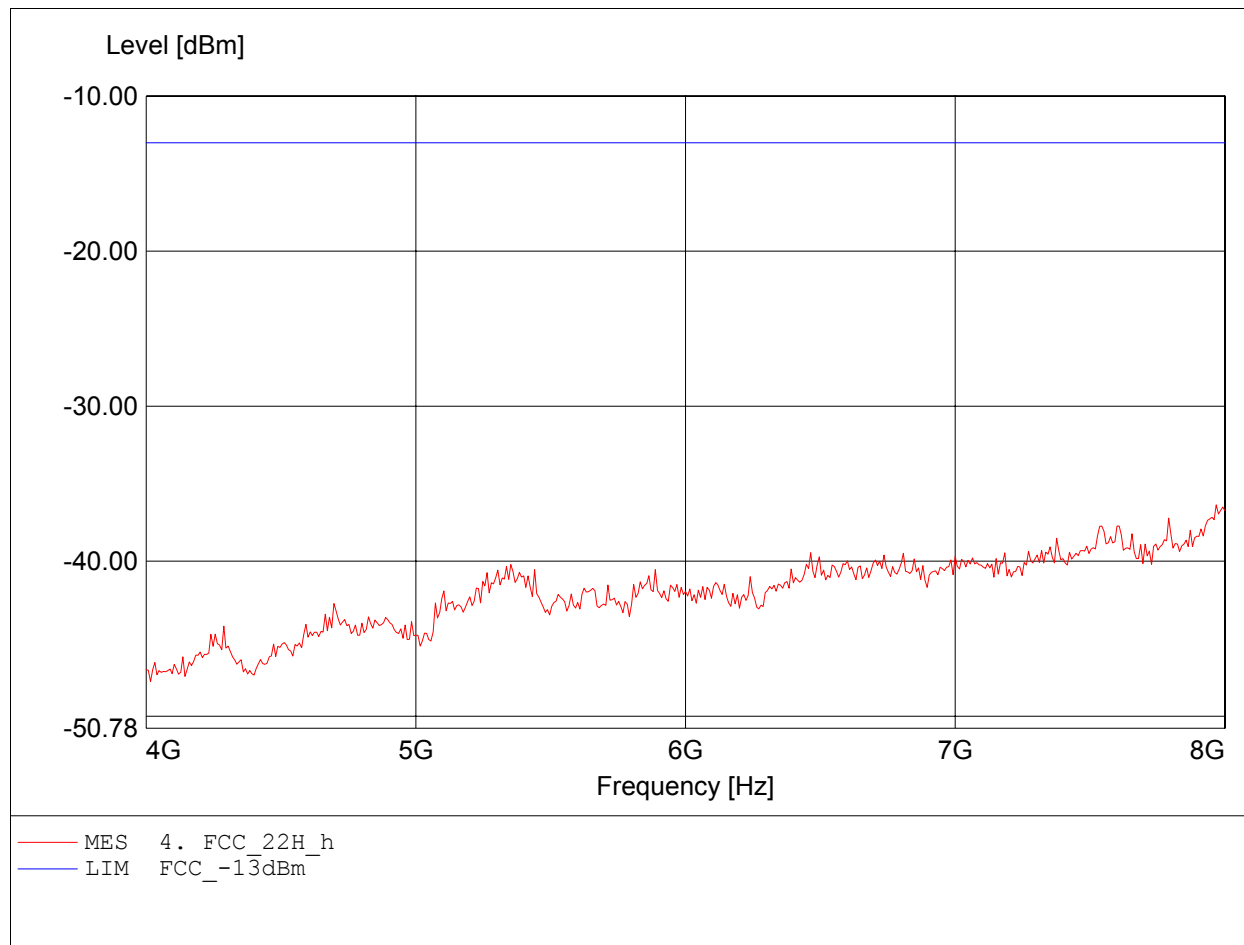
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.712GHz, Pmax: -42.41dBm, 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-1310V / 128  
Test Site / Operator: ETS / Mr. Heide  
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: 7.968GHz, Pmax: -36.36dBm, RBW: 1MHz

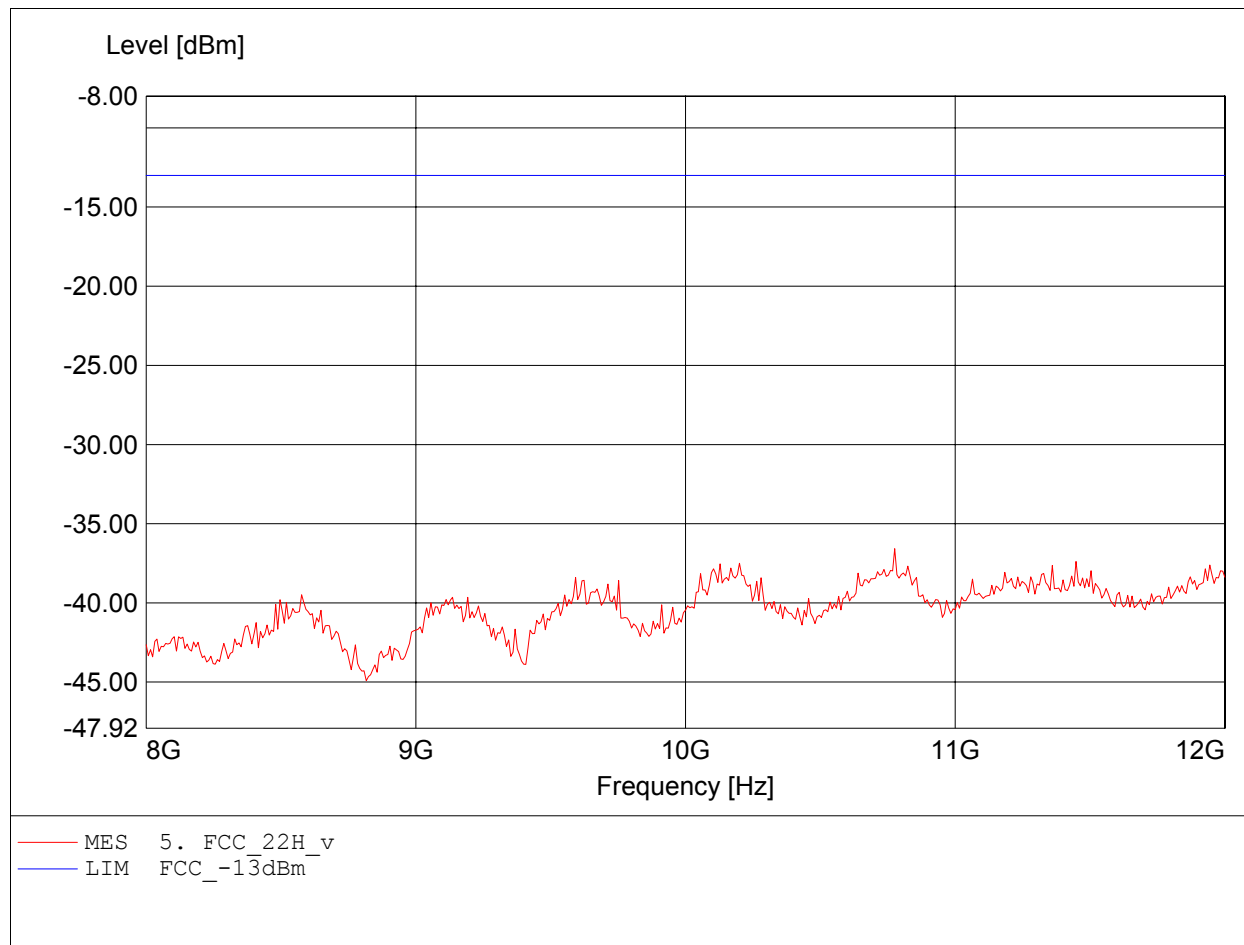




# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

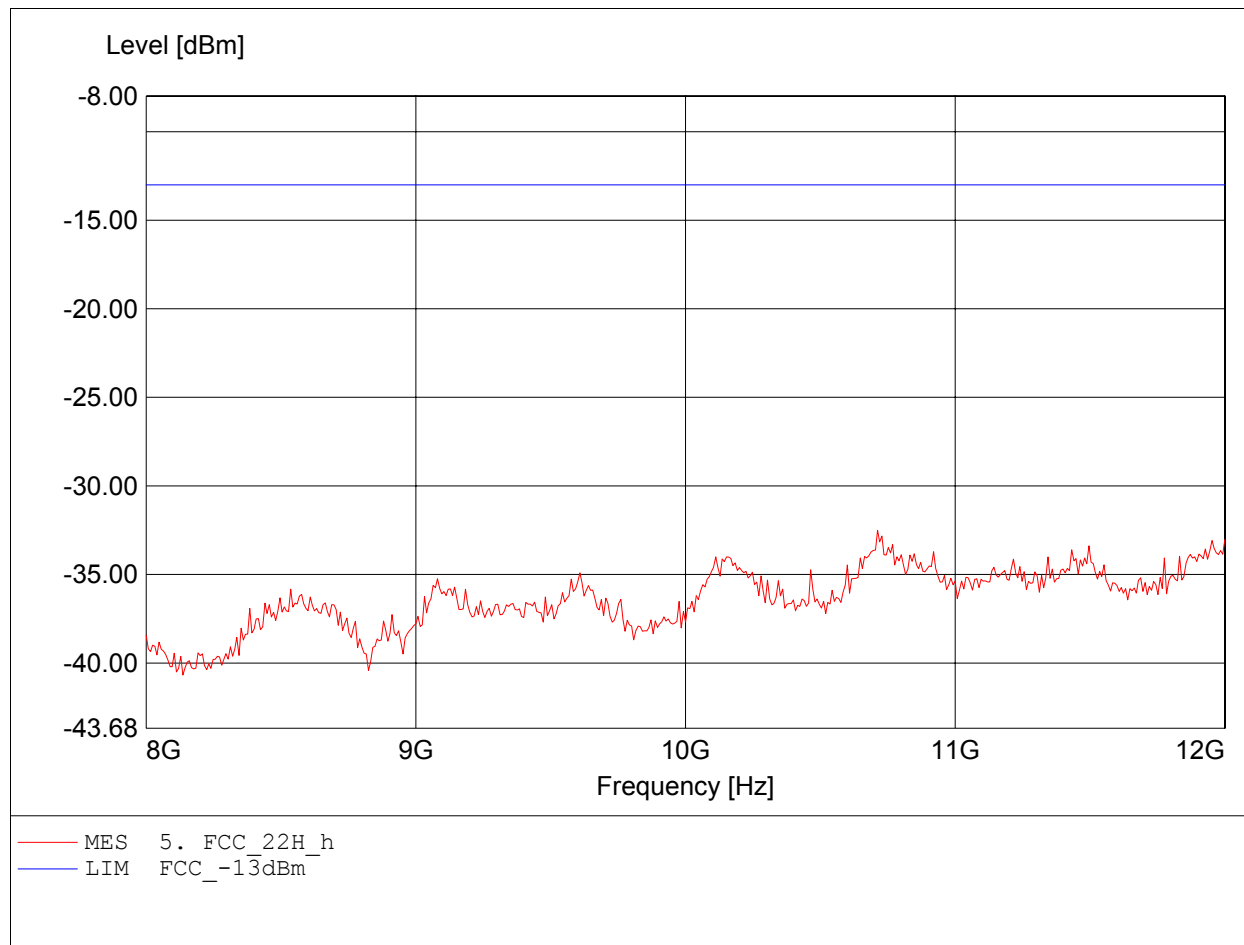
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.776GHz, Pmax: -36.58dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

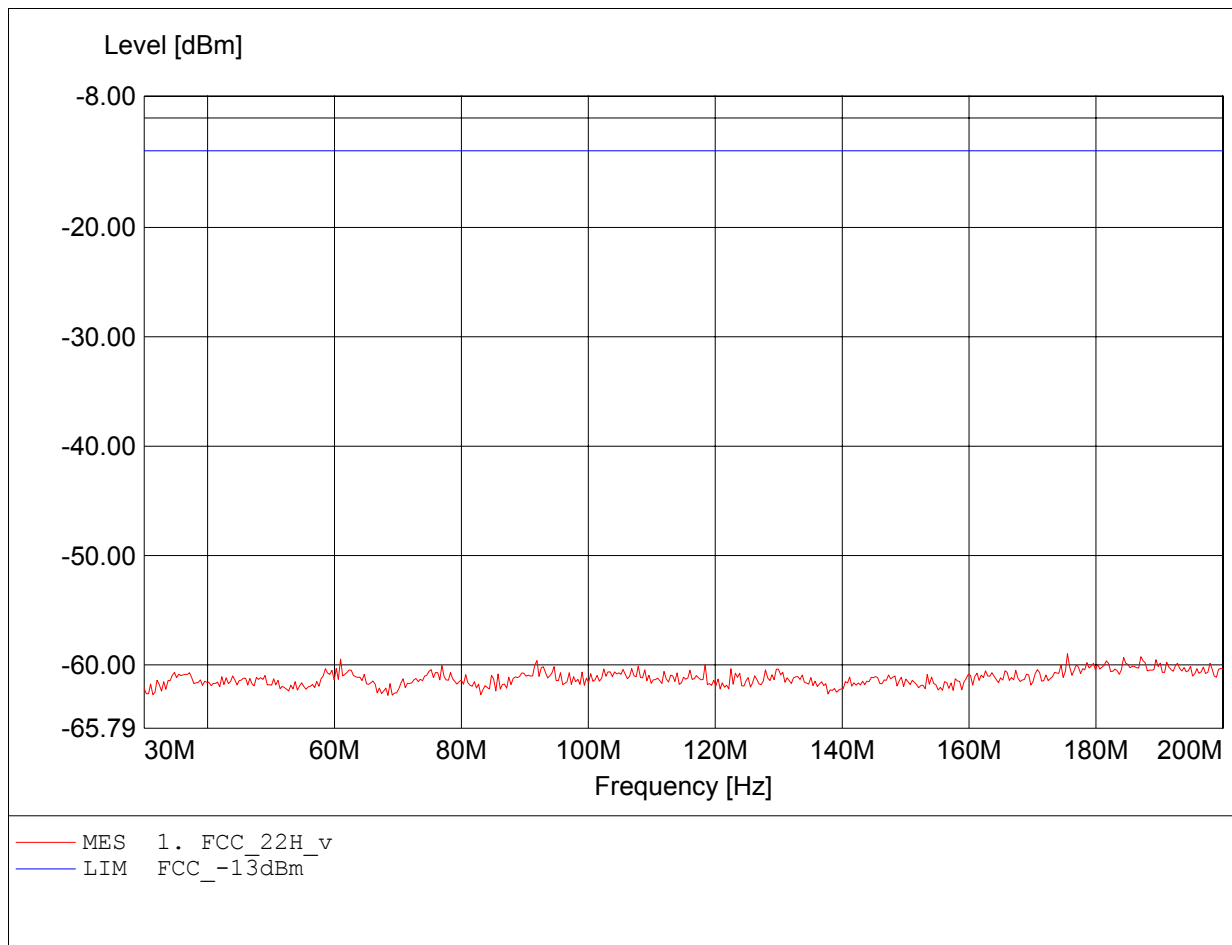
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.712GHz, Pmax: -32.50dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 22 SUBPART H**

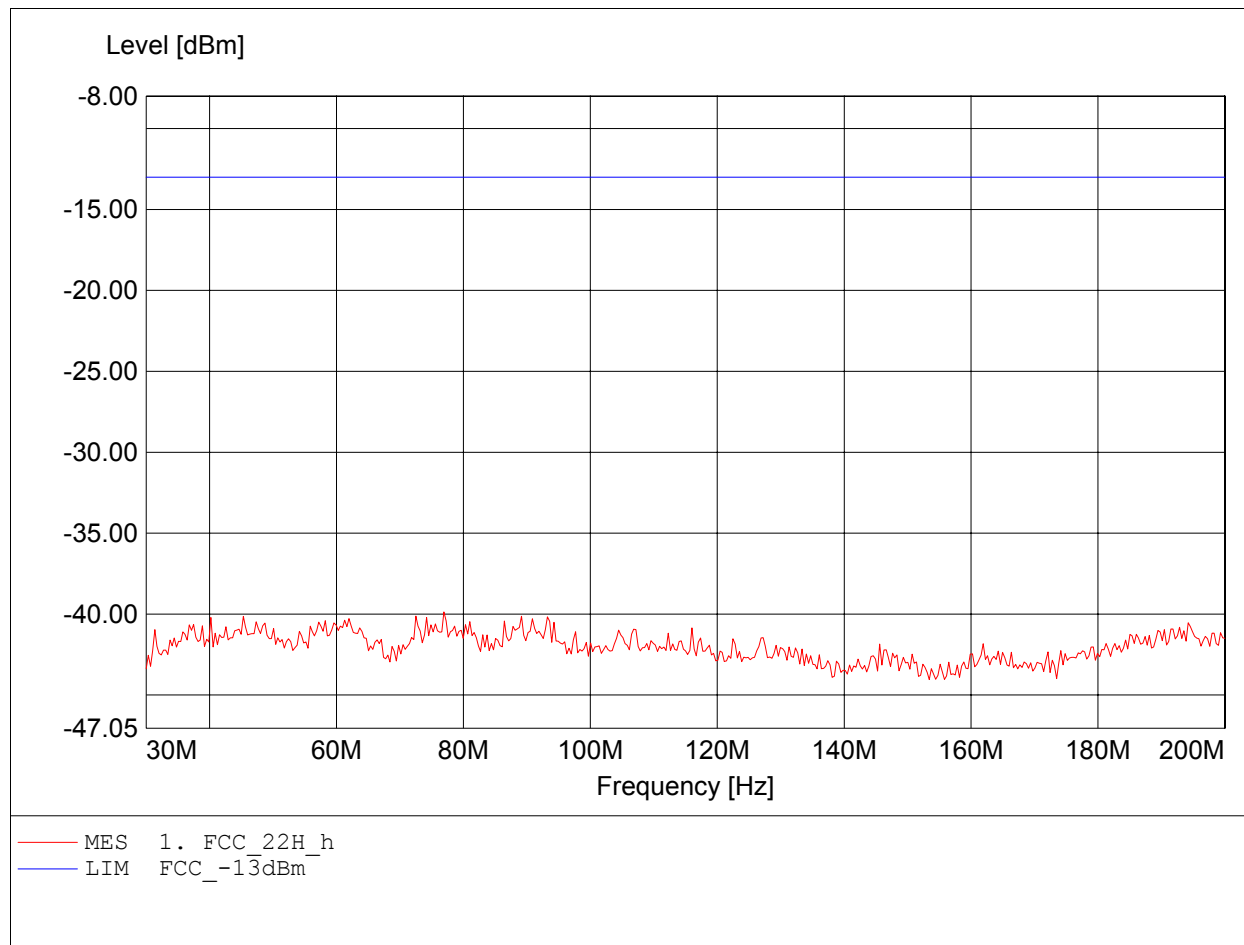
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 175.520MHz, Pmax: -58.98dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

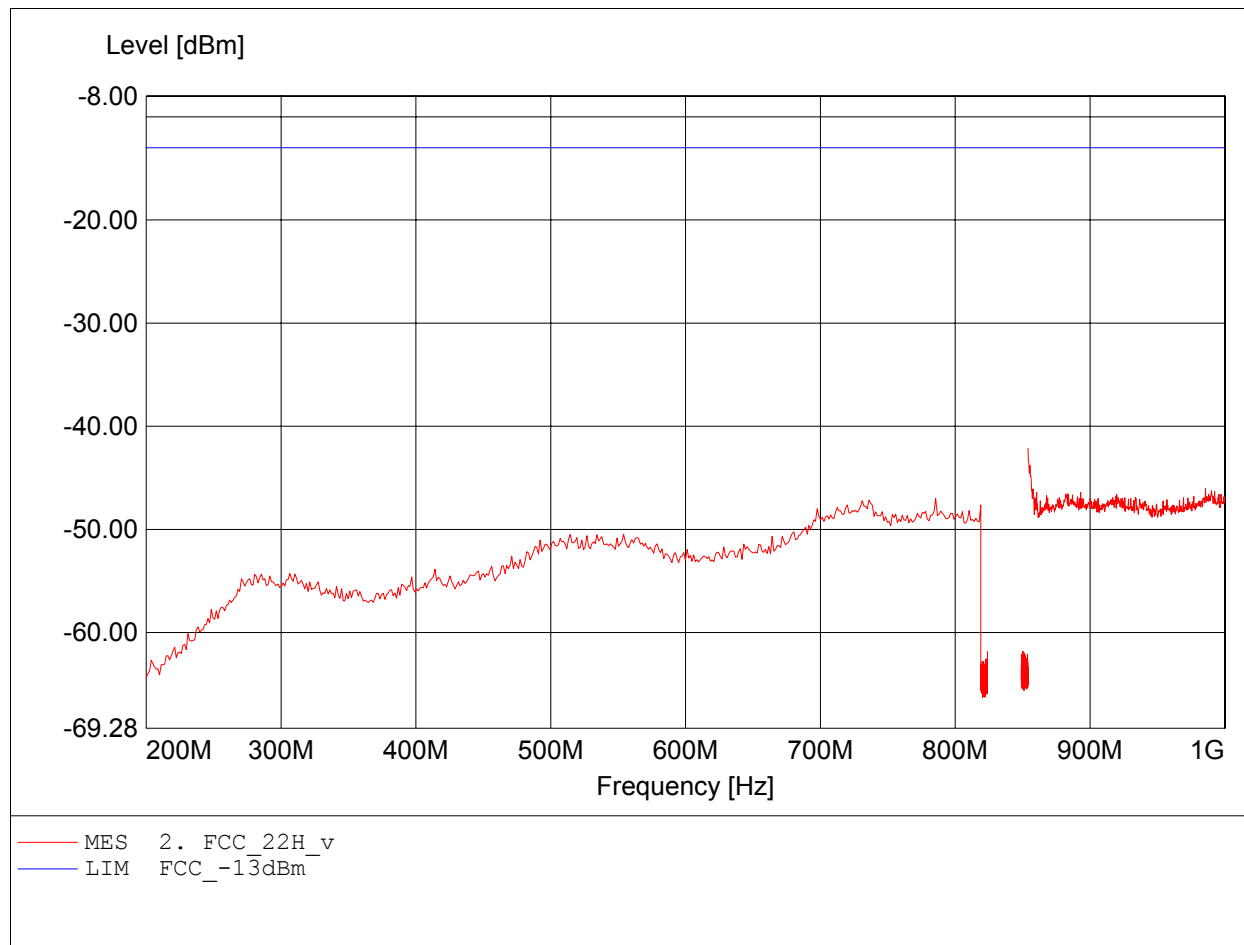
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 76.920MHz, Pmax: -39.86dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

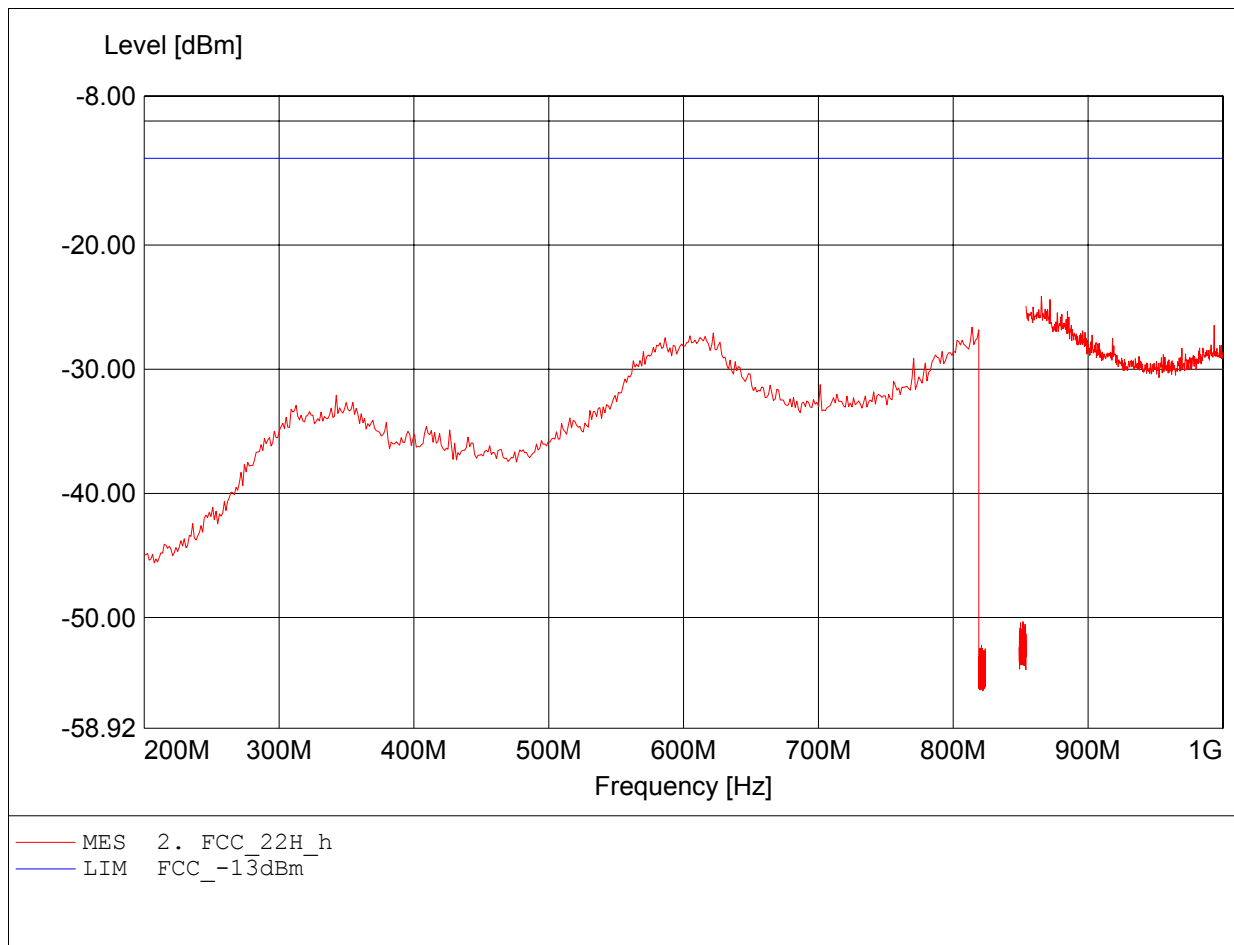
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 854.000MHz, Pmax: -42.14dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 22 SUBPART H**

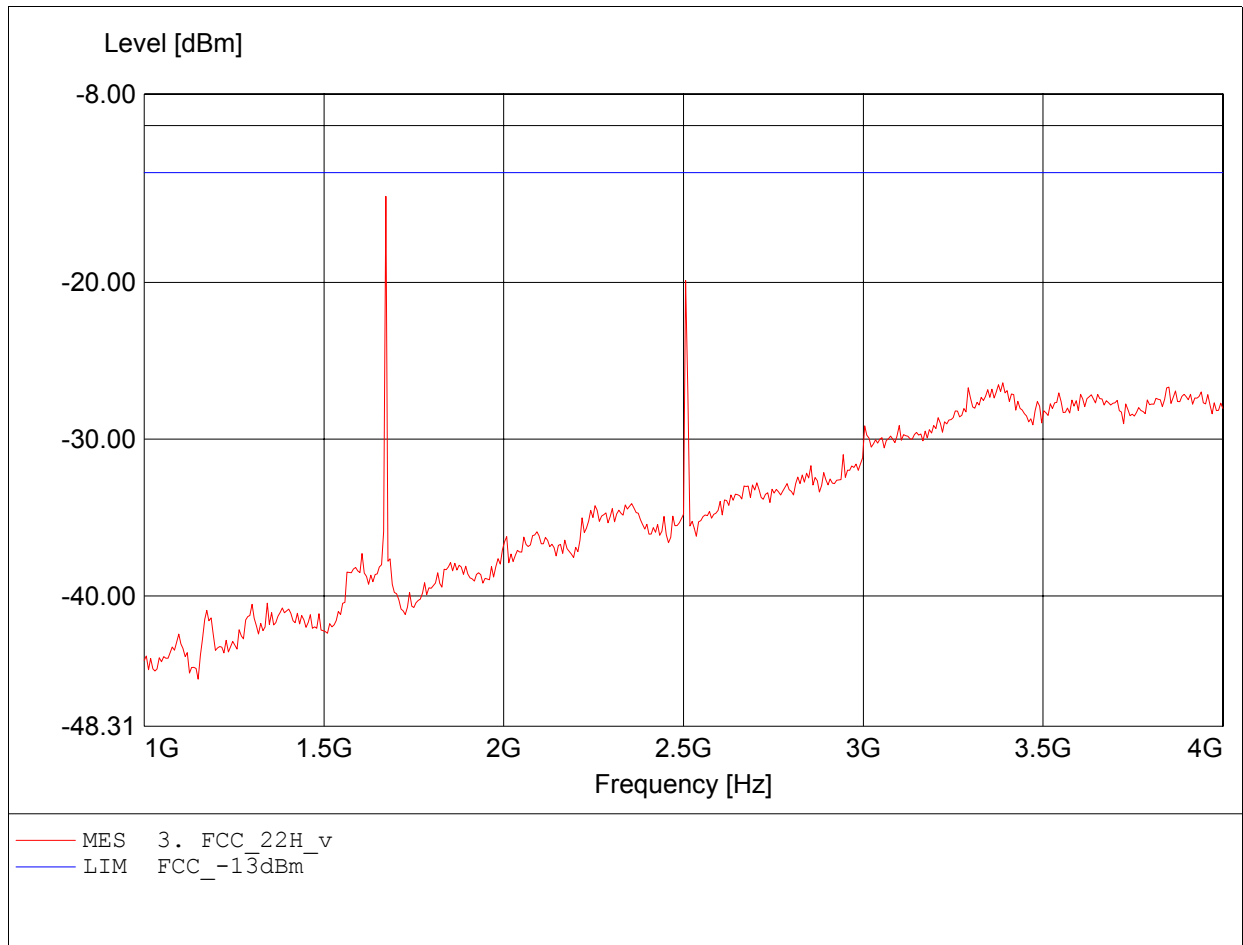
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Heide  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 865.388MHz, Pmax: -24.12dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 22 SUBPART H**

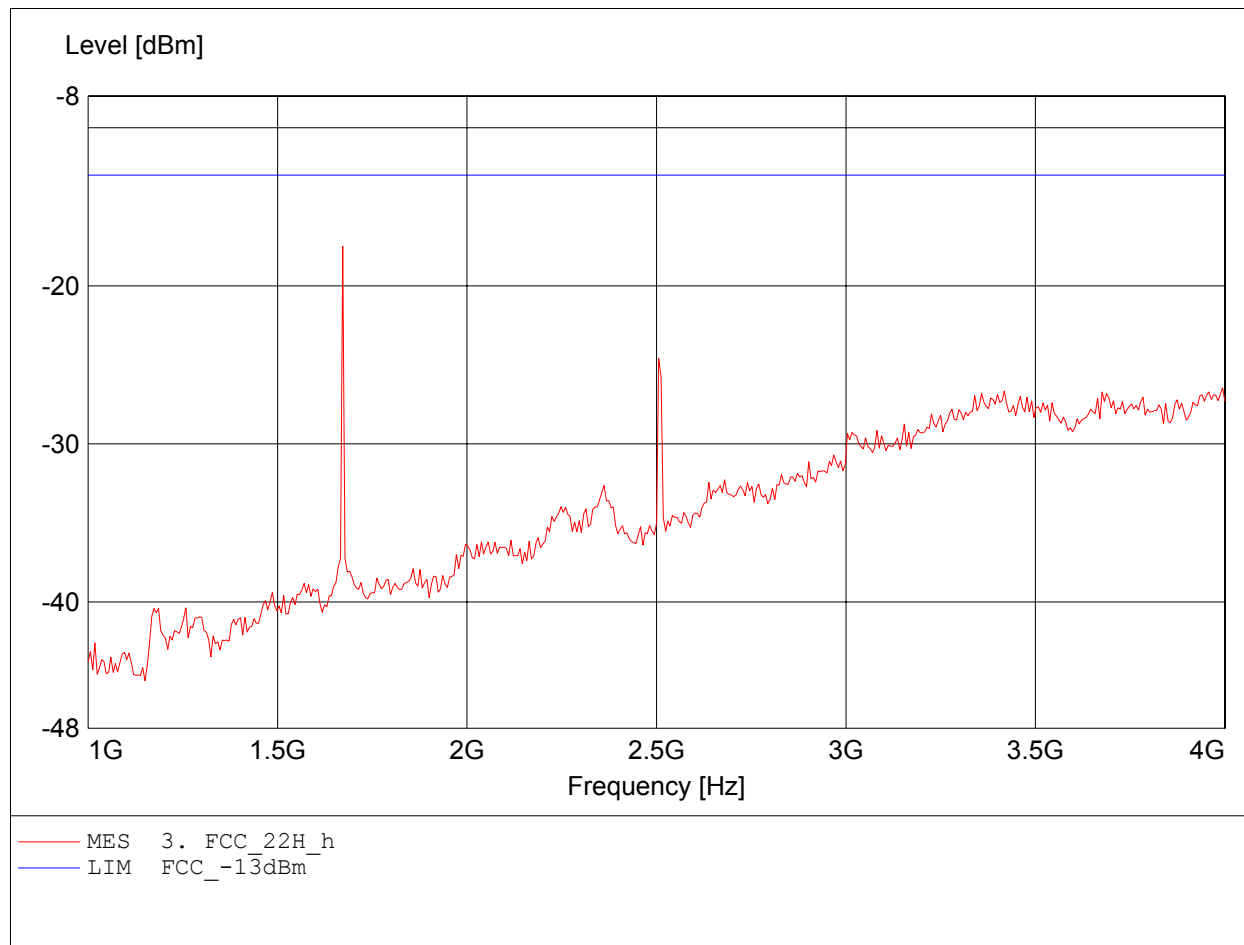
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.672GHz, Pmax: -14.52dBm, 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-1310V / 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  
Comment 2: Freq: 1.672GHz, Pmax: -17.50dBm, RBW: 1MHz

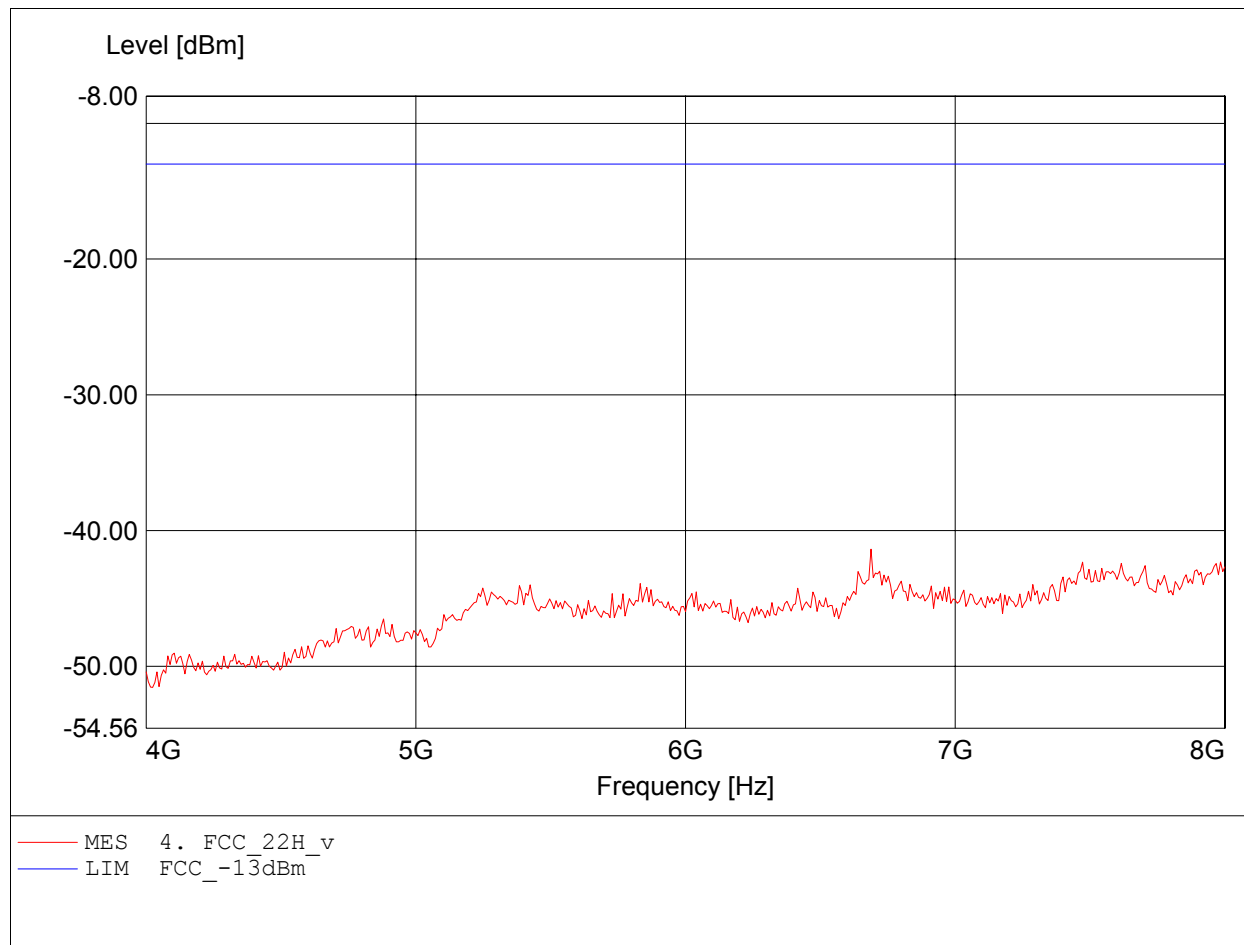




# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

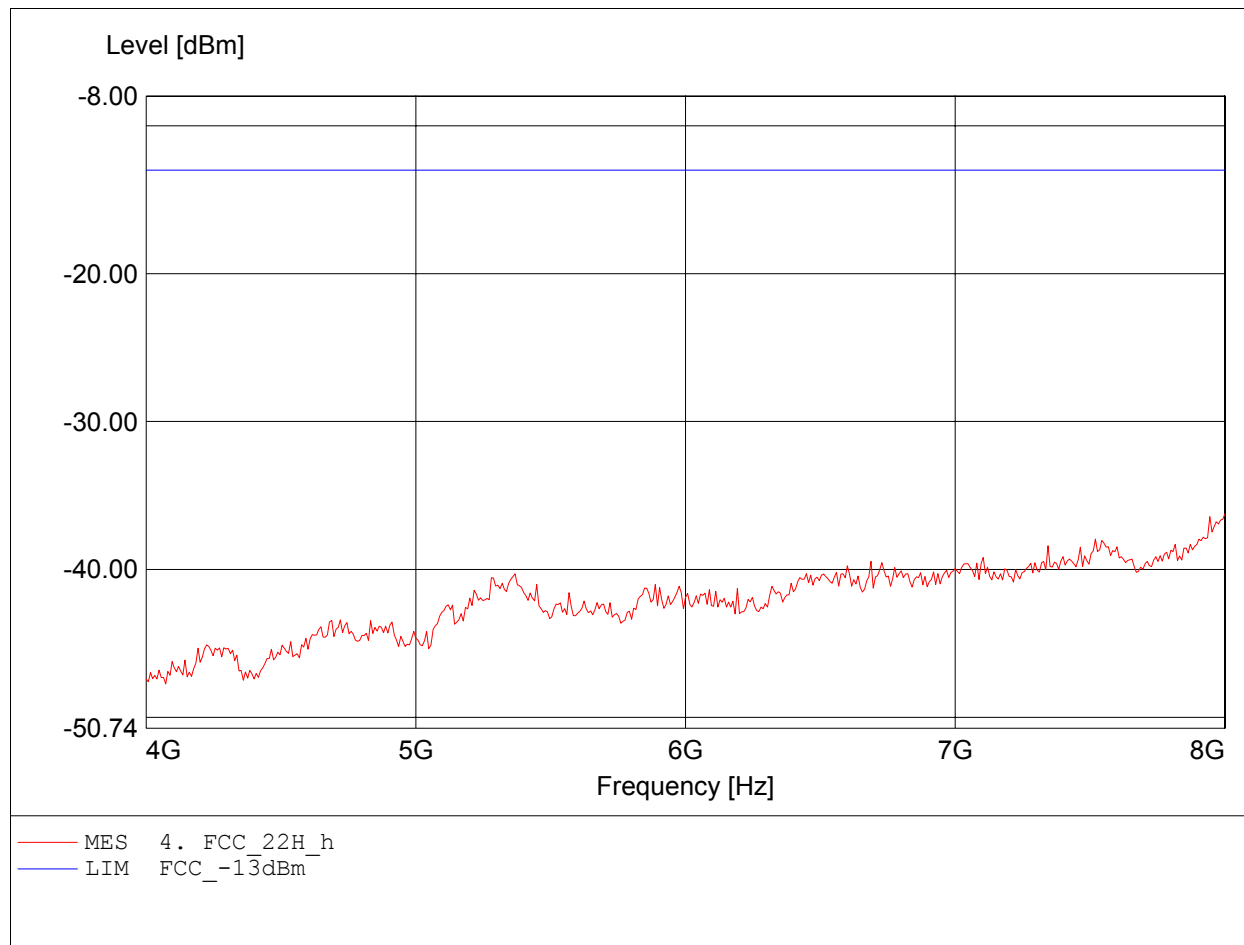
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.688GHz, Pmax: -41.36dBm, RBW: 1MHz



# Radiated Emissions Tx

## FCC RULES PART 22 SUBPART H

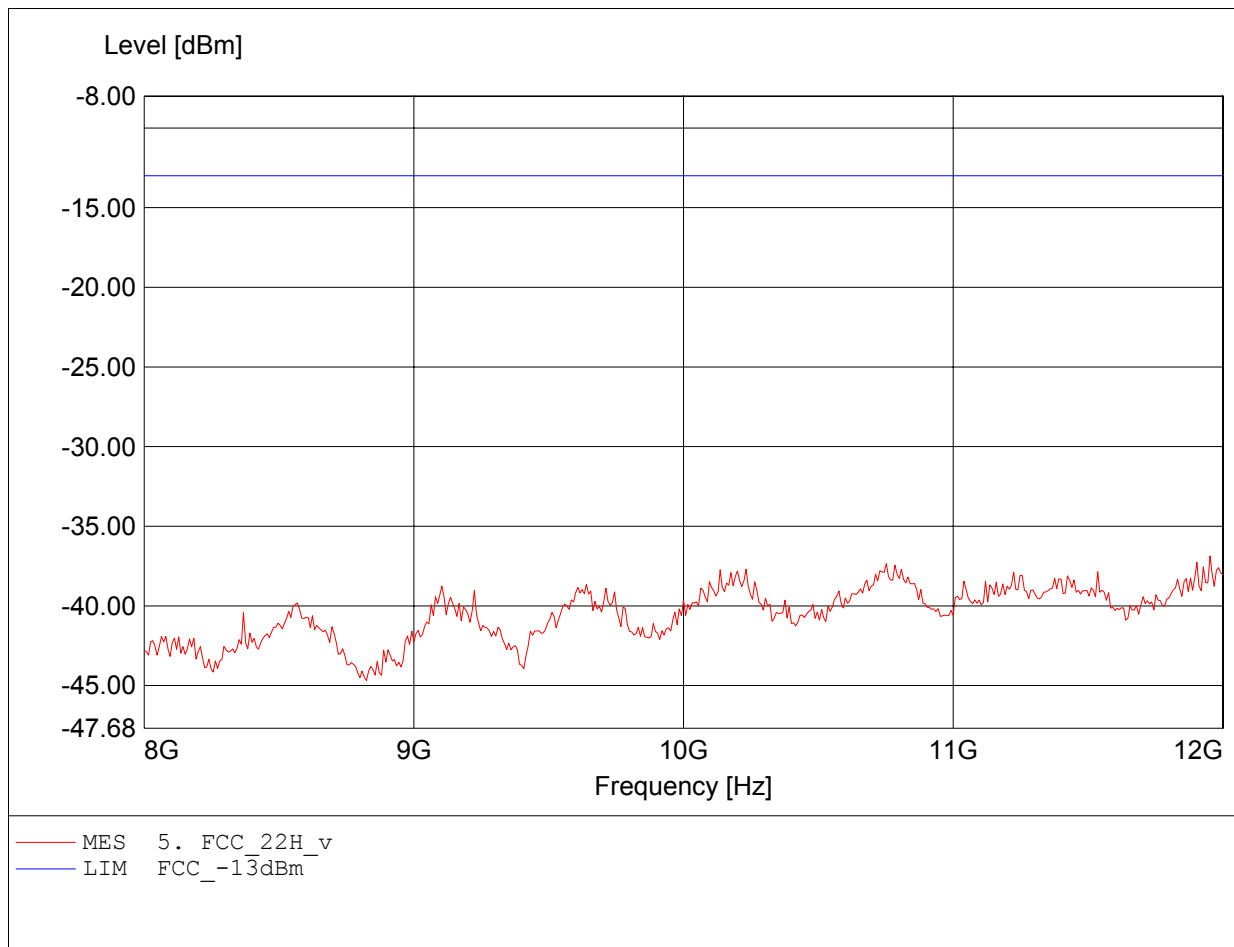
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 188  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 8.000GHz, Pmax: -36.26dBm, RBW: 1MHz



**Radiated Emissions Tx**

**FCC RULES PART 22 SUBPART H**

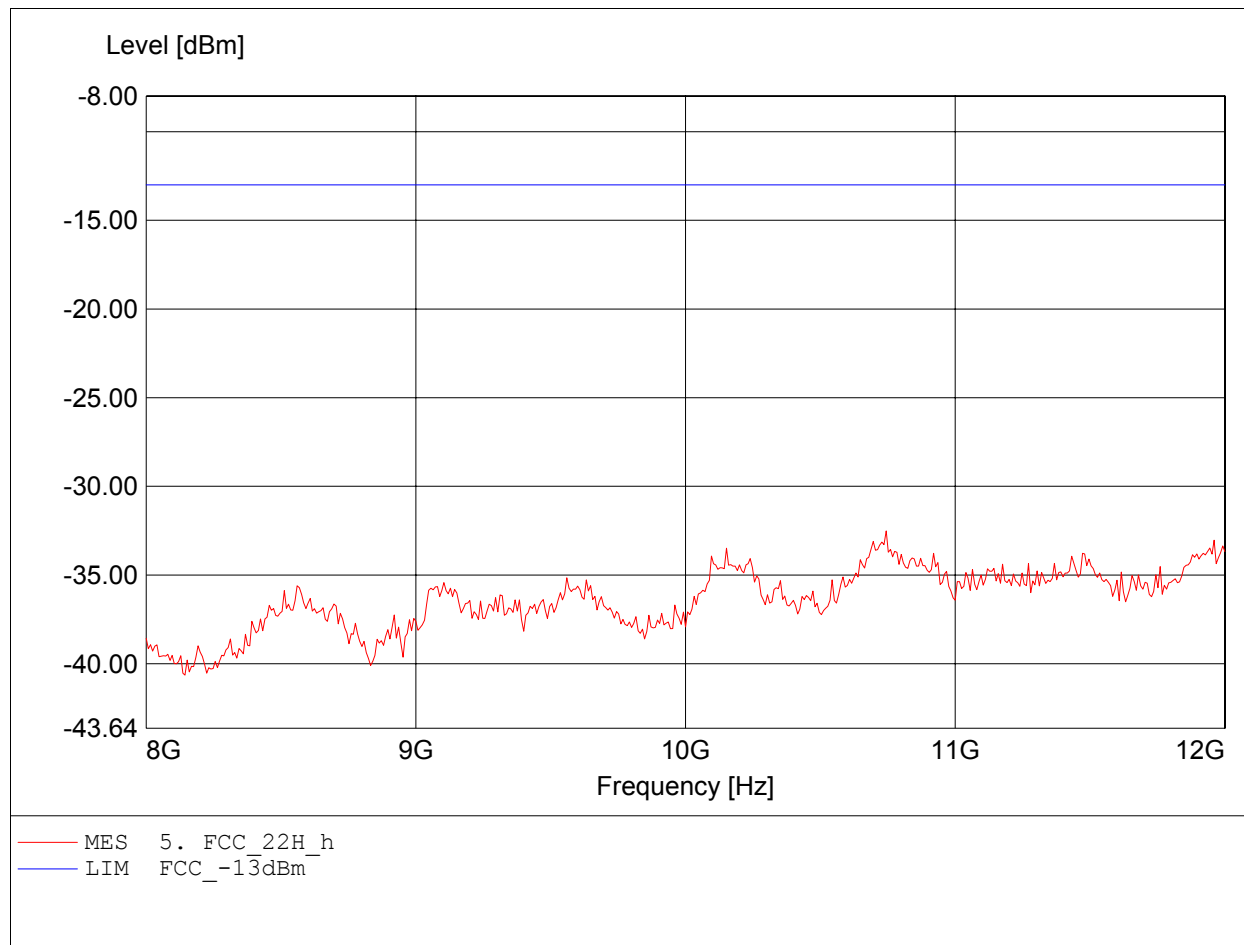
Approval Holder: Pantech Co., Ltd  
EUT: Triple Band GSM 850/DCS 1800/PCS 1900 (with WAP & GPRS)  
Model / Channel: PG-1310V / 128  
Test Site / Operator: ETS / Mr. Schostek  
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.952GHz, Pmax: -36.87dBm, 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-1310V / 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: 10.744GHz, Pmax: -32.52dBm, RBW: 1MHz

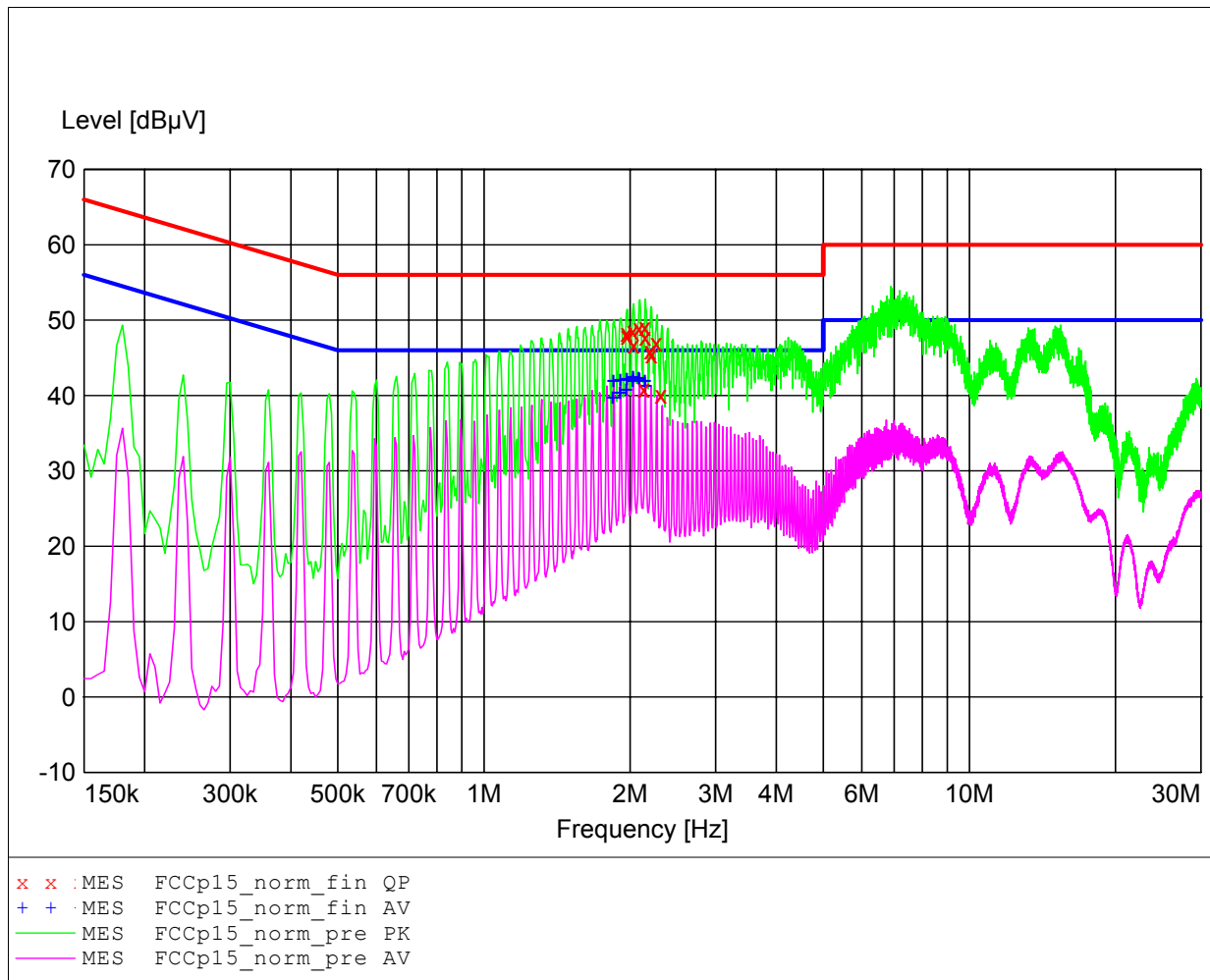


## Appendix J

Line Conducted Emissions

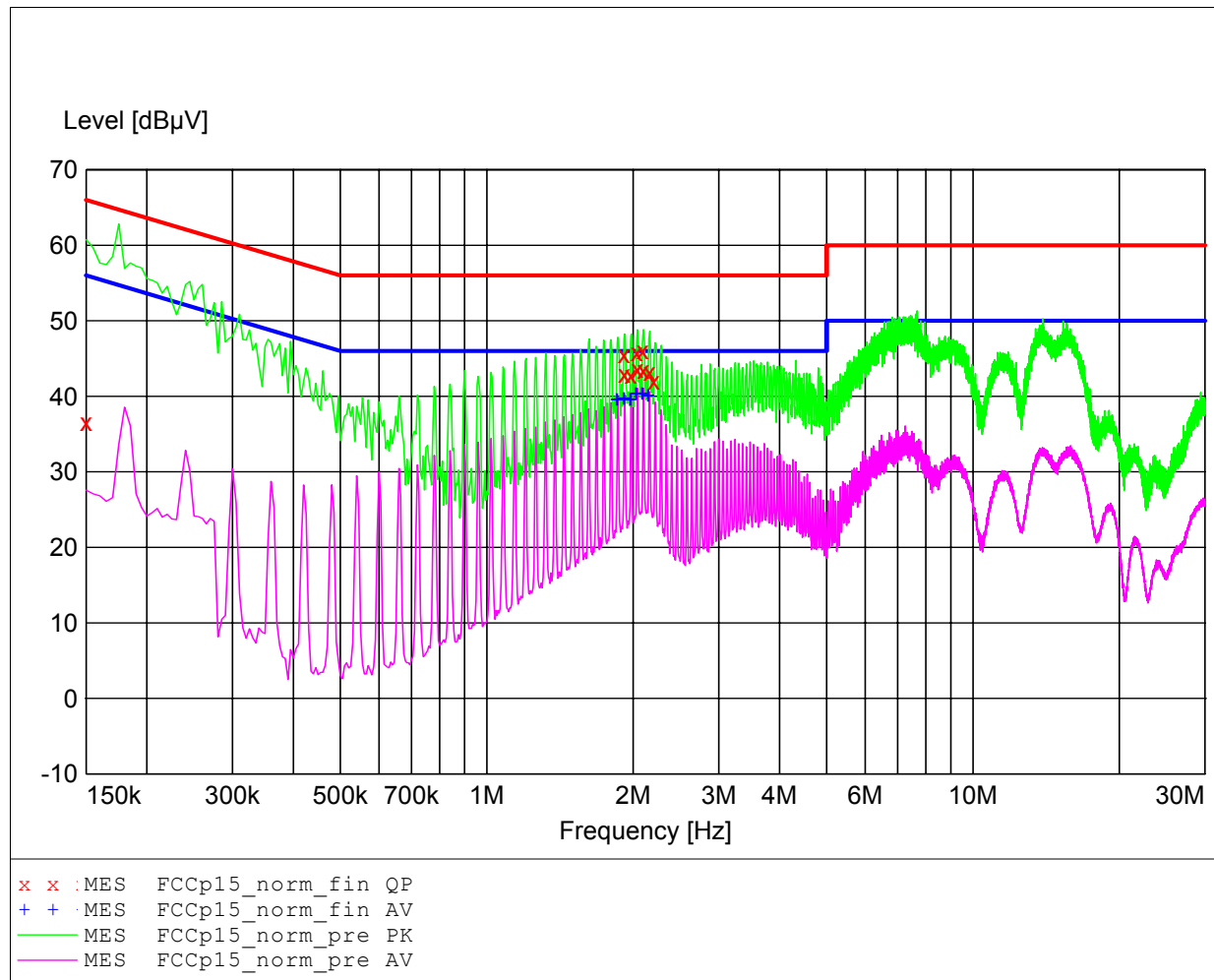
**EMI voltage test in the ac-mains according to FCC part 15**

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. Pflug  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: PG-1310V mode: charging + GSM 850 PCL 5  
 Adaptor: 5265C2-EU



# 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. Pflug  
Test Specification: V-Network: ESH2-Z5 (N)  
Comment: model: PG-1310V mode: charging + GSM 850 PCL 5  
Adaptor: 5265C2-EU



## 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