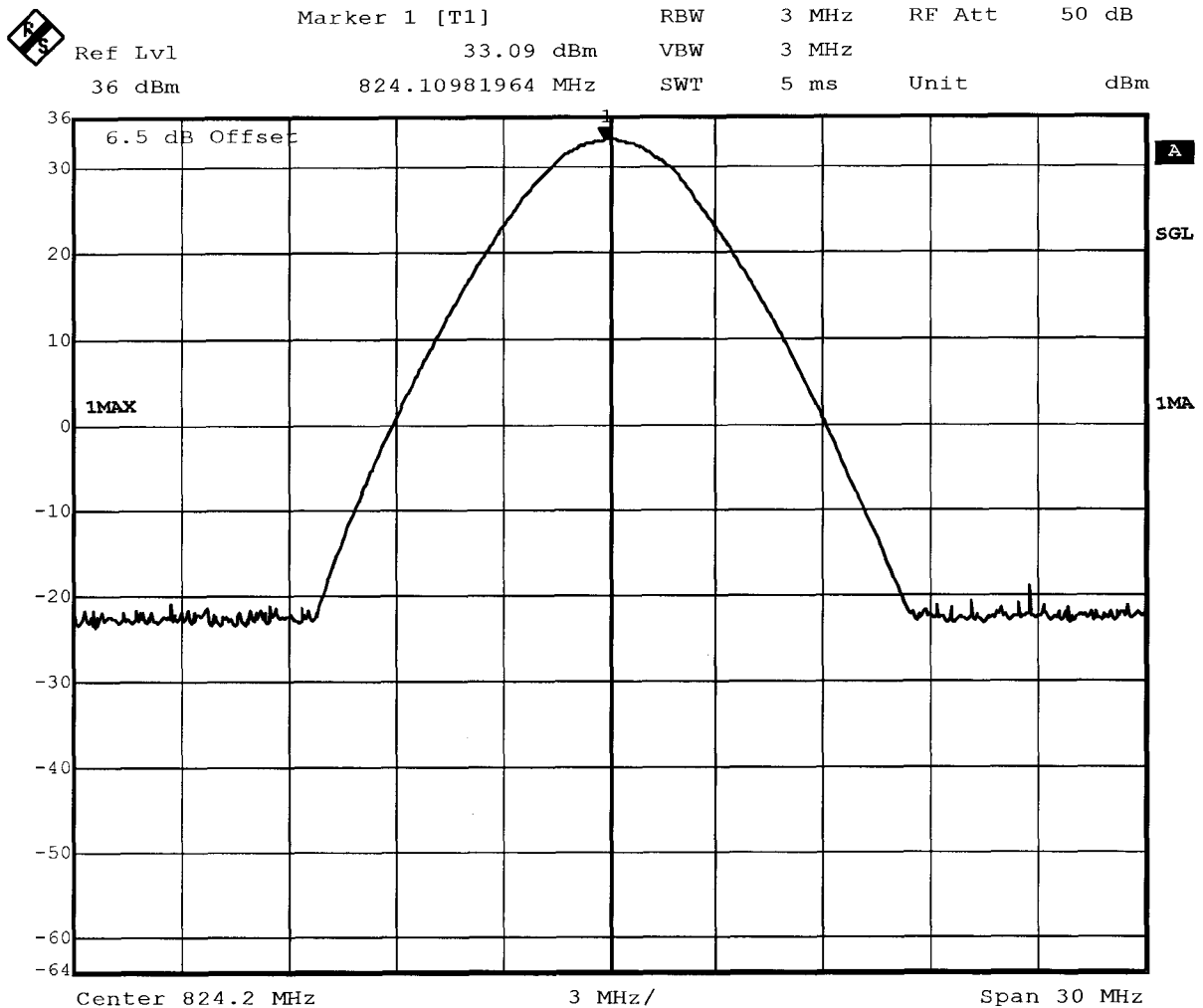


## **Appendix B**

RF power output conducted

**FCC Part 22 H  
Output power conducted**

EUT	Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model	S100
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 4.0 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128



Date: 14.NOV.2006 17:44:53

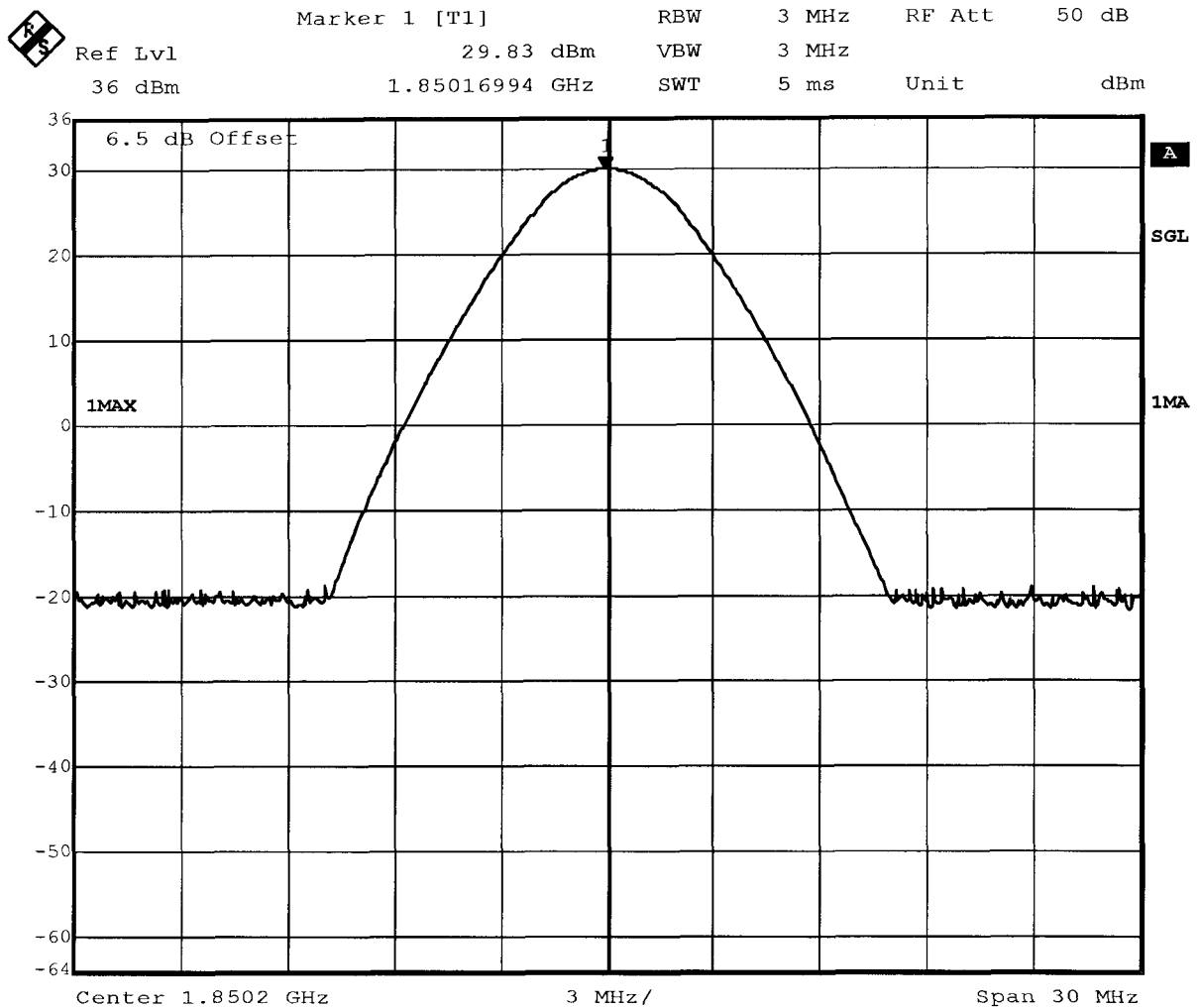
Measurement diagram





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

EUT	Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model	S100
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 4.0 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 512



Date: 14.NOV.2006 18:34:12

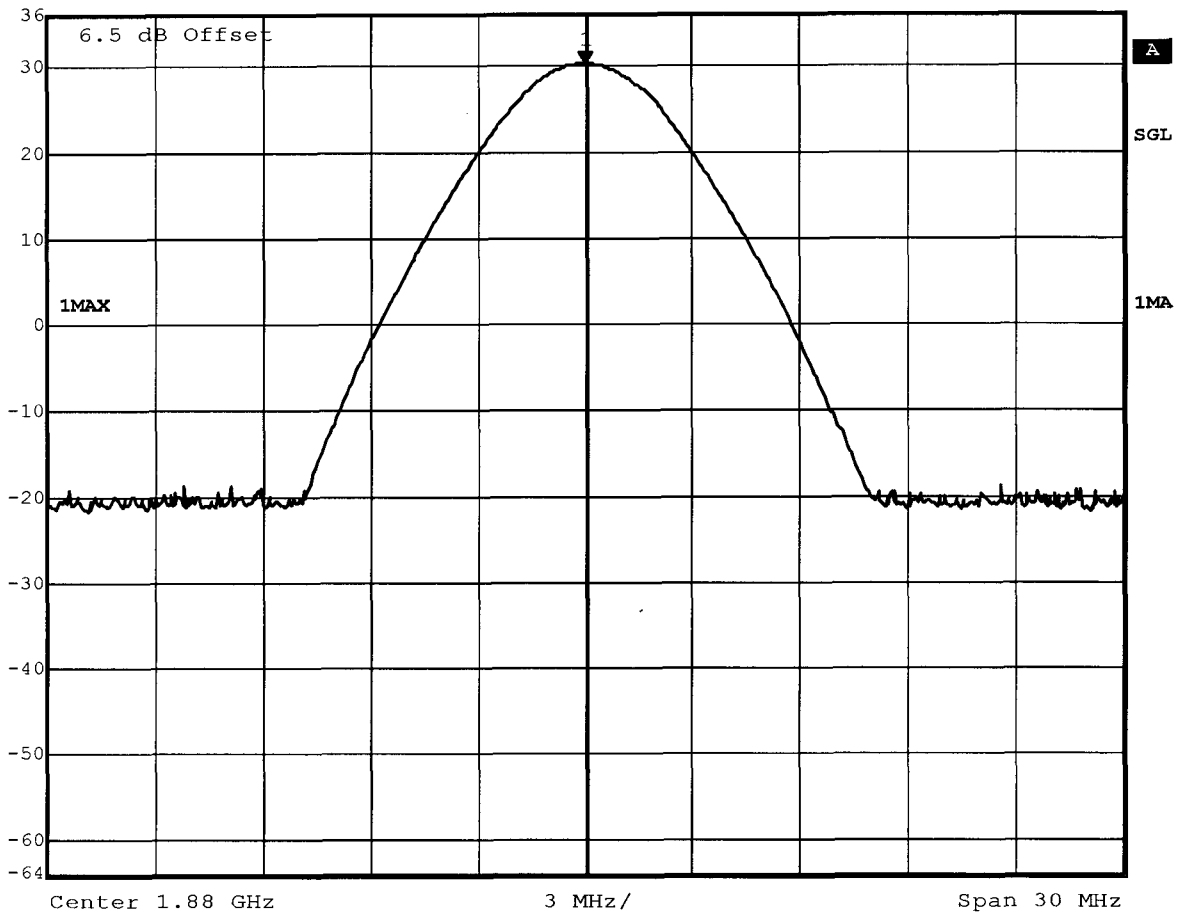
Measurement diagram

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

EUT	Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model	S100
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 4.0 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 661



	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	30.11 dBm	VBW	3 MHz		
36 dBm	1.88003006 GHz	SWT	5 ms	Unit	dBm



Date: 14.NOV.2006 18:33:16

Measurement diagram



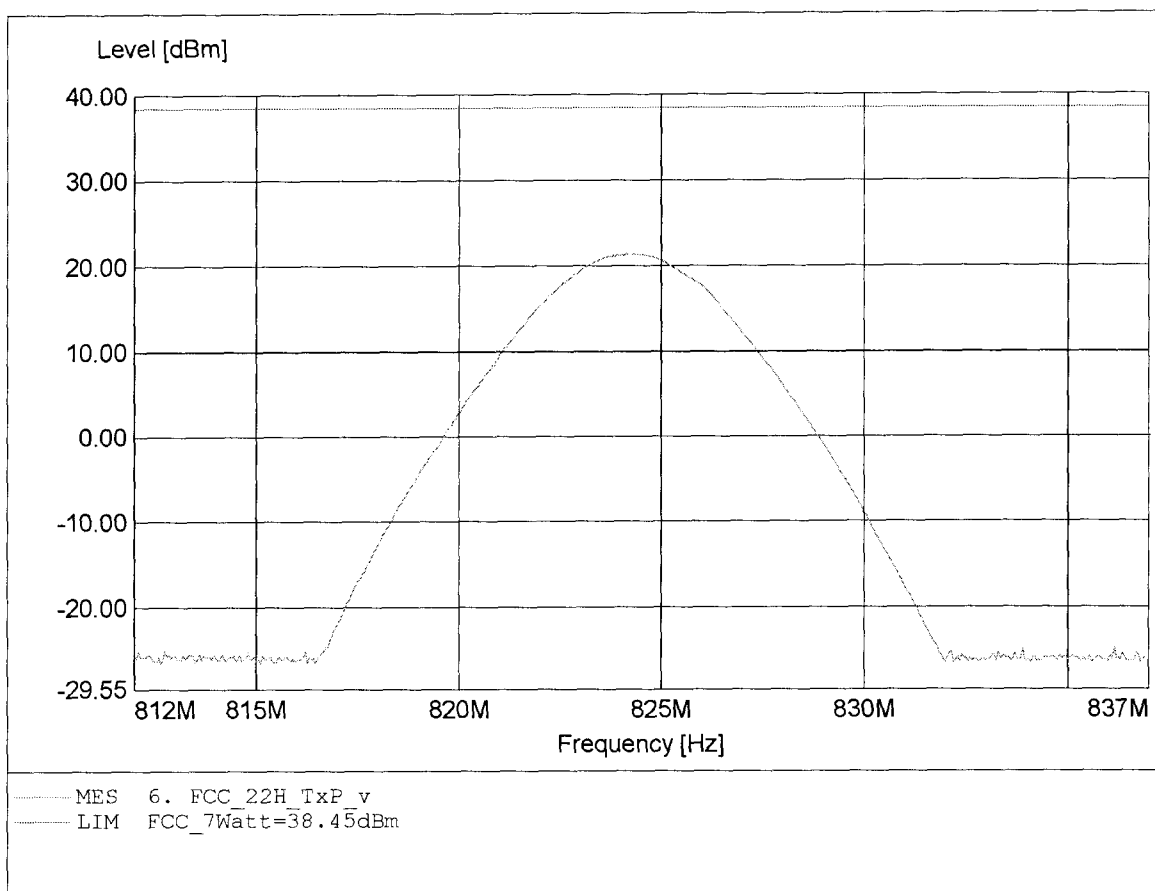
## Appendix C

RF power output radiated



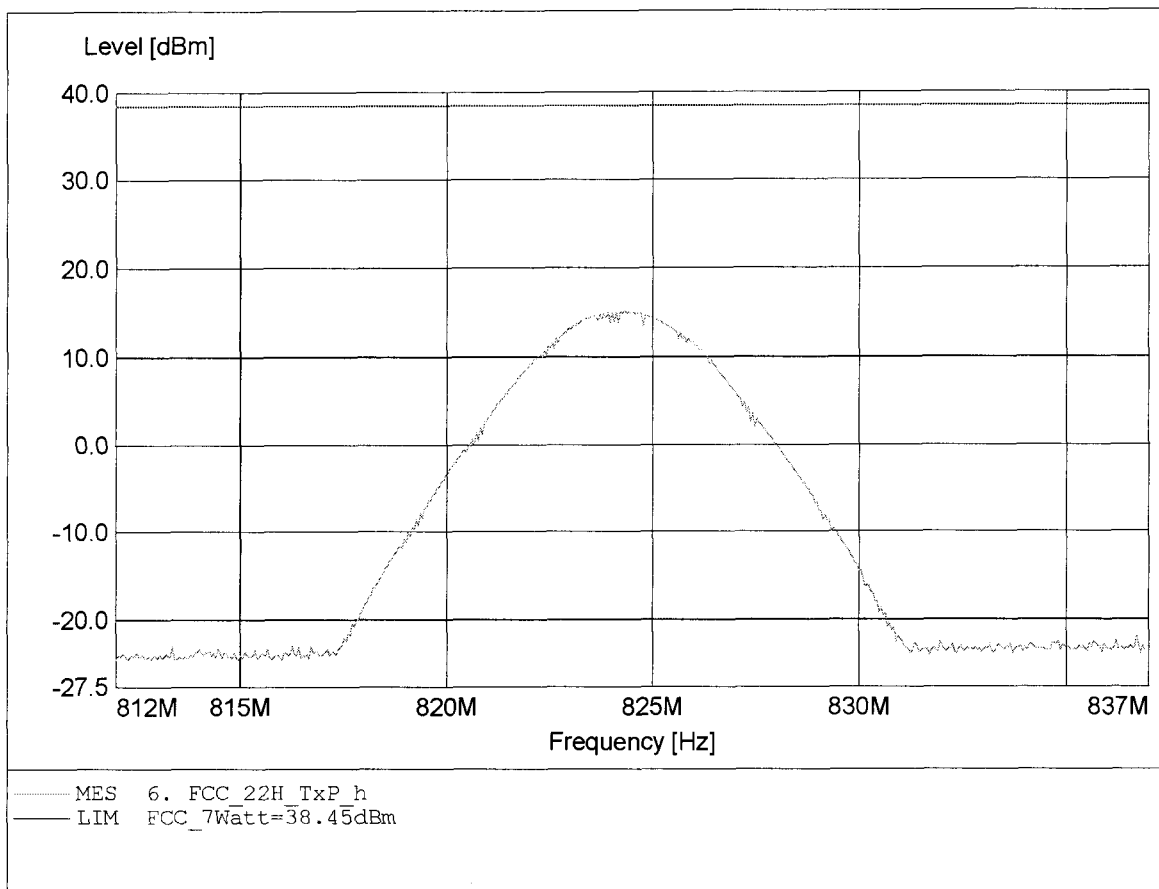
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.224MHz, Pmax: 21.45dBm, RBW: 3MHz



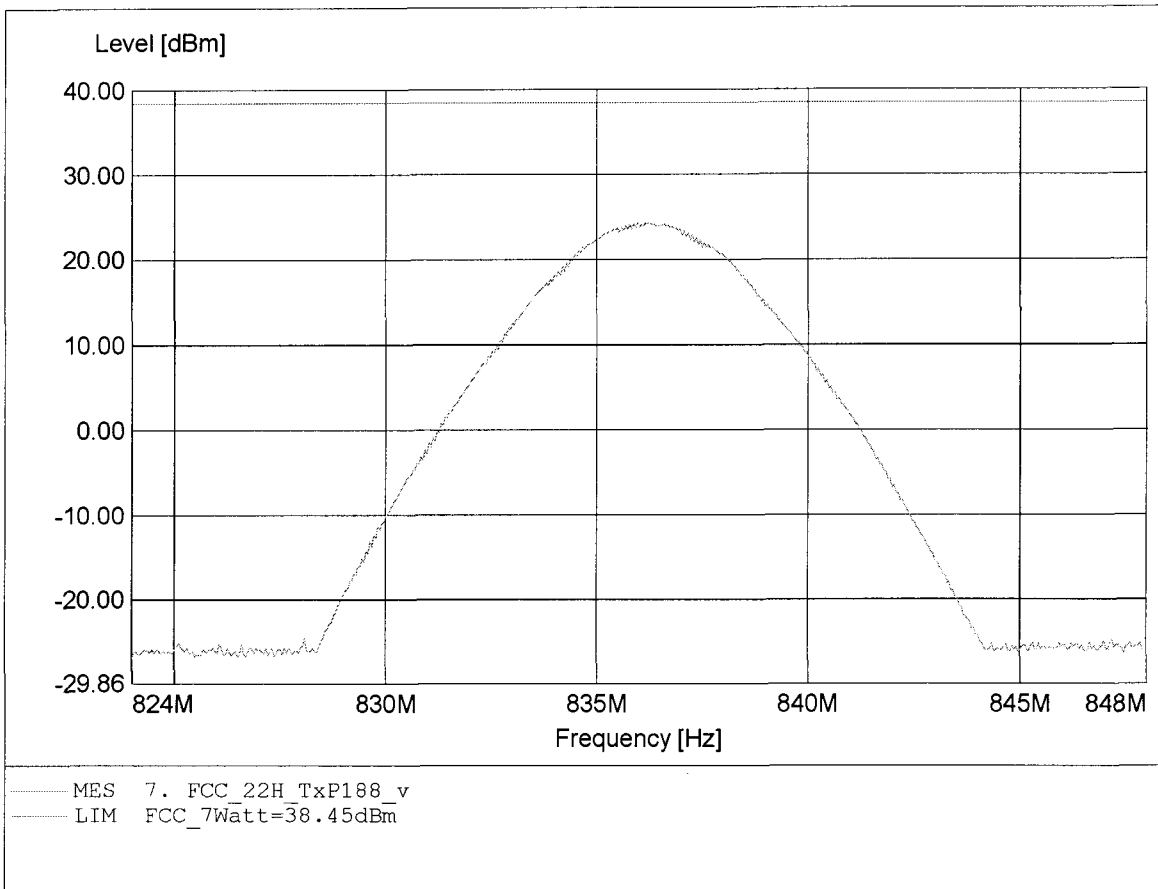
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.325MHz, Pmax: 15.13dBm, RBW: 3MHz



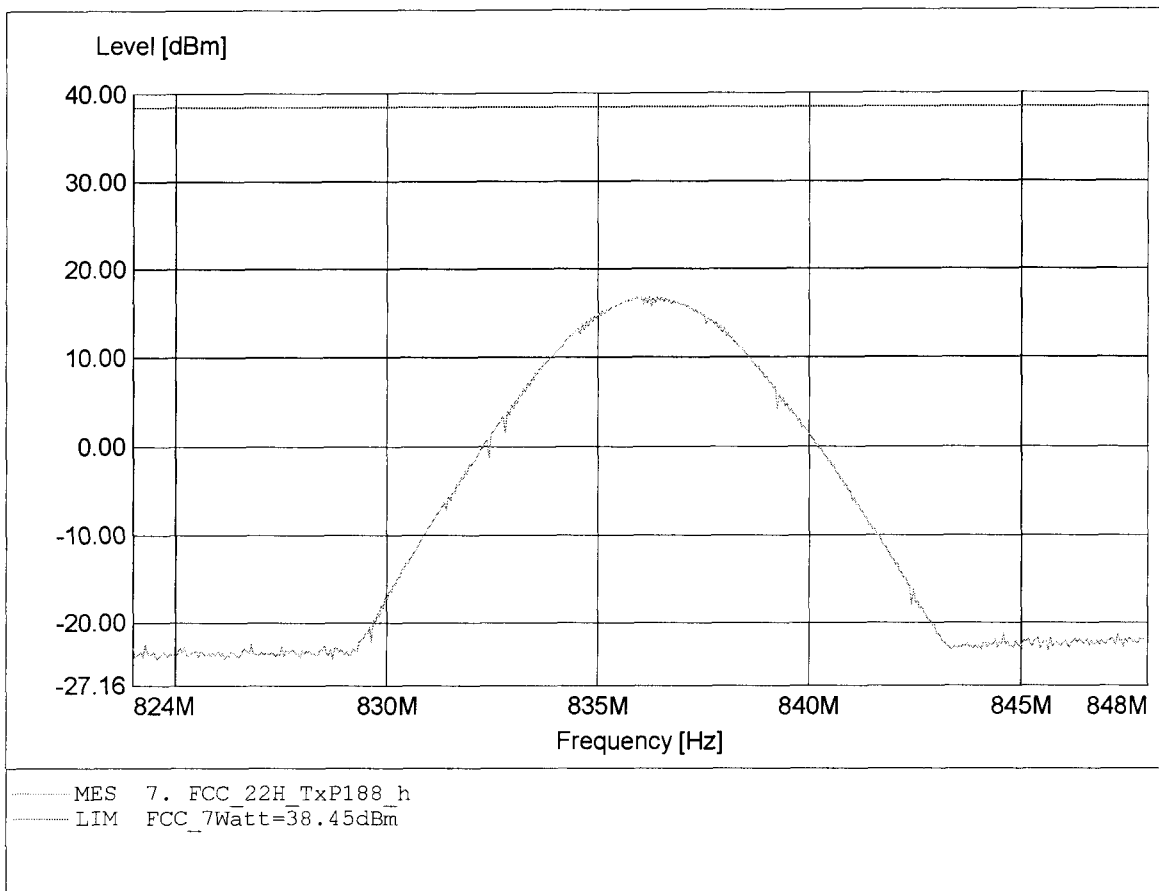
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.072MHz, Pmax: 24.29dBm, RBW: 3MHz



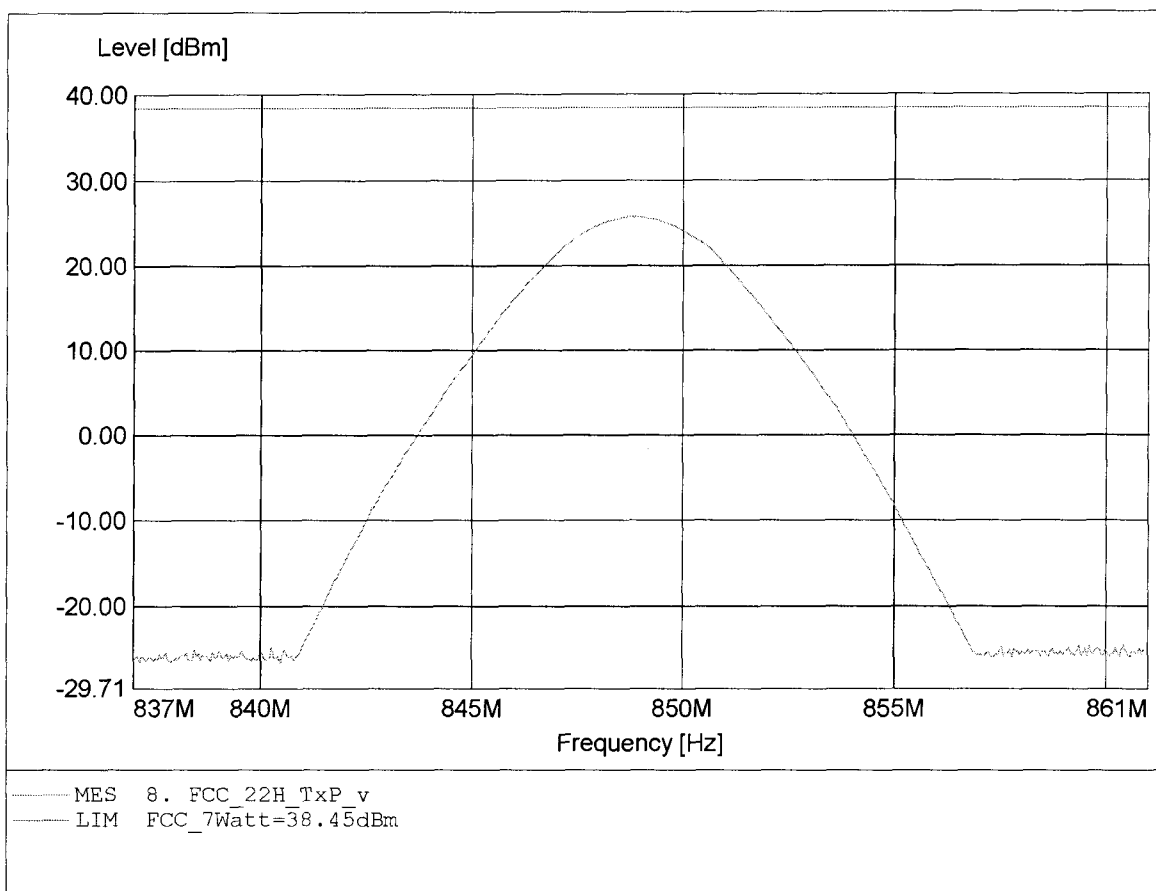
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.216MHz, Pmax: 16.84dBm, RBW: 3MHz



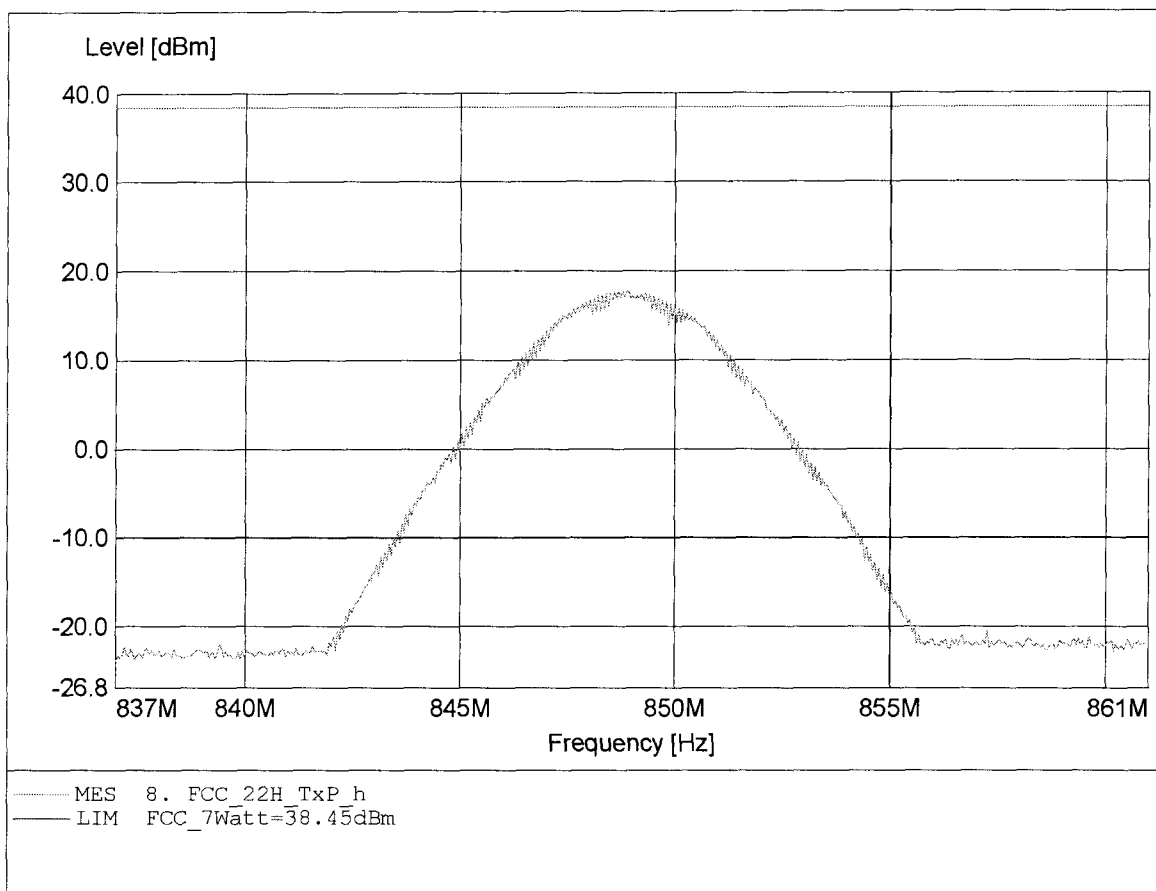
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.880MHz, Pmax: 25.77dBm, RBW: 3MHz



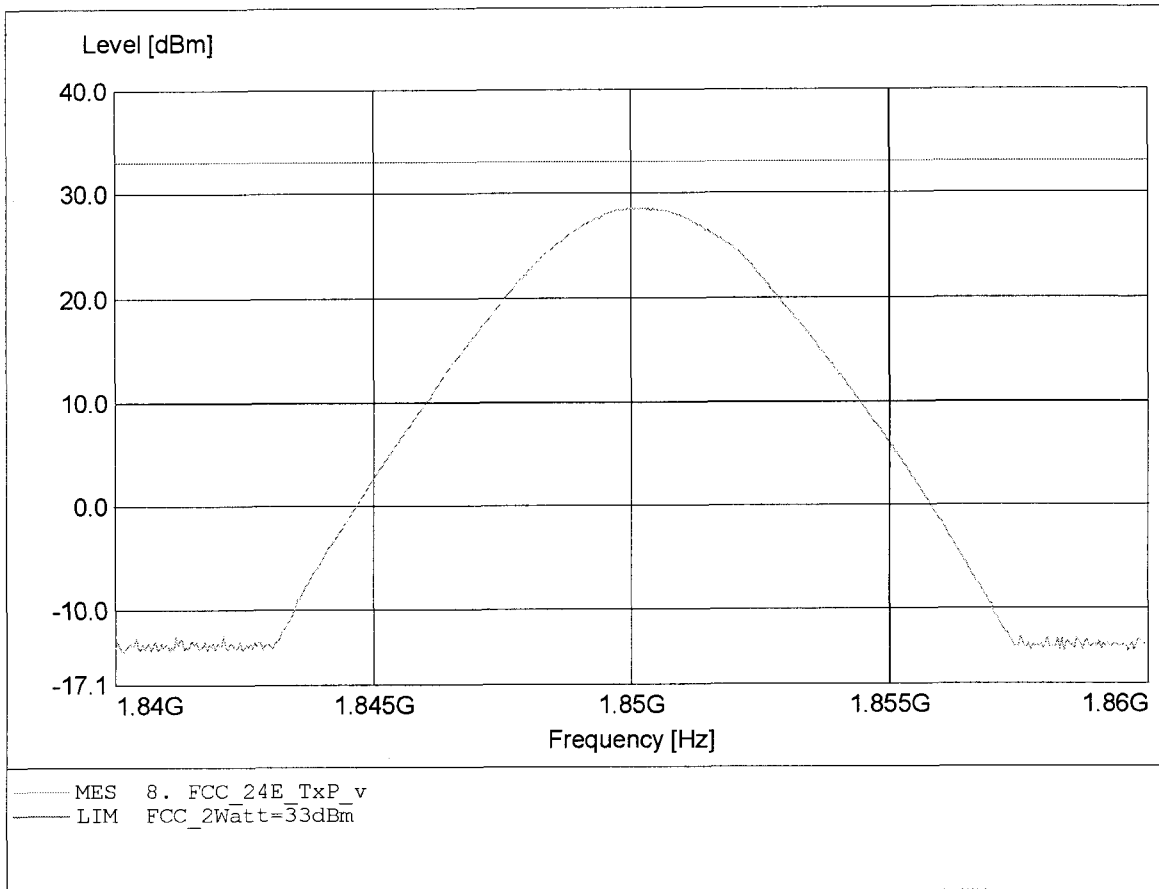
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.687MHz, Pmax: 17.73dBm, RBW: 3MHz



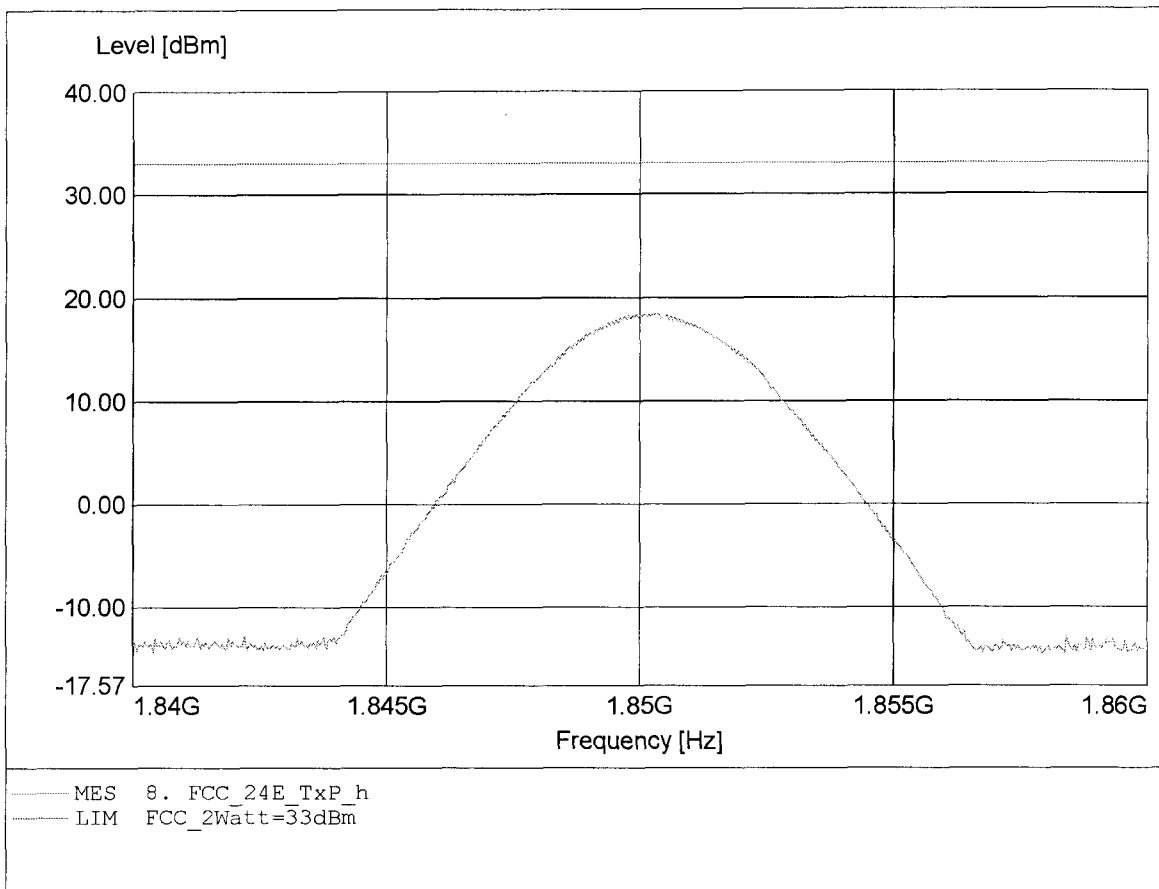
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 28.52dBm, RBW: 3MHz



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

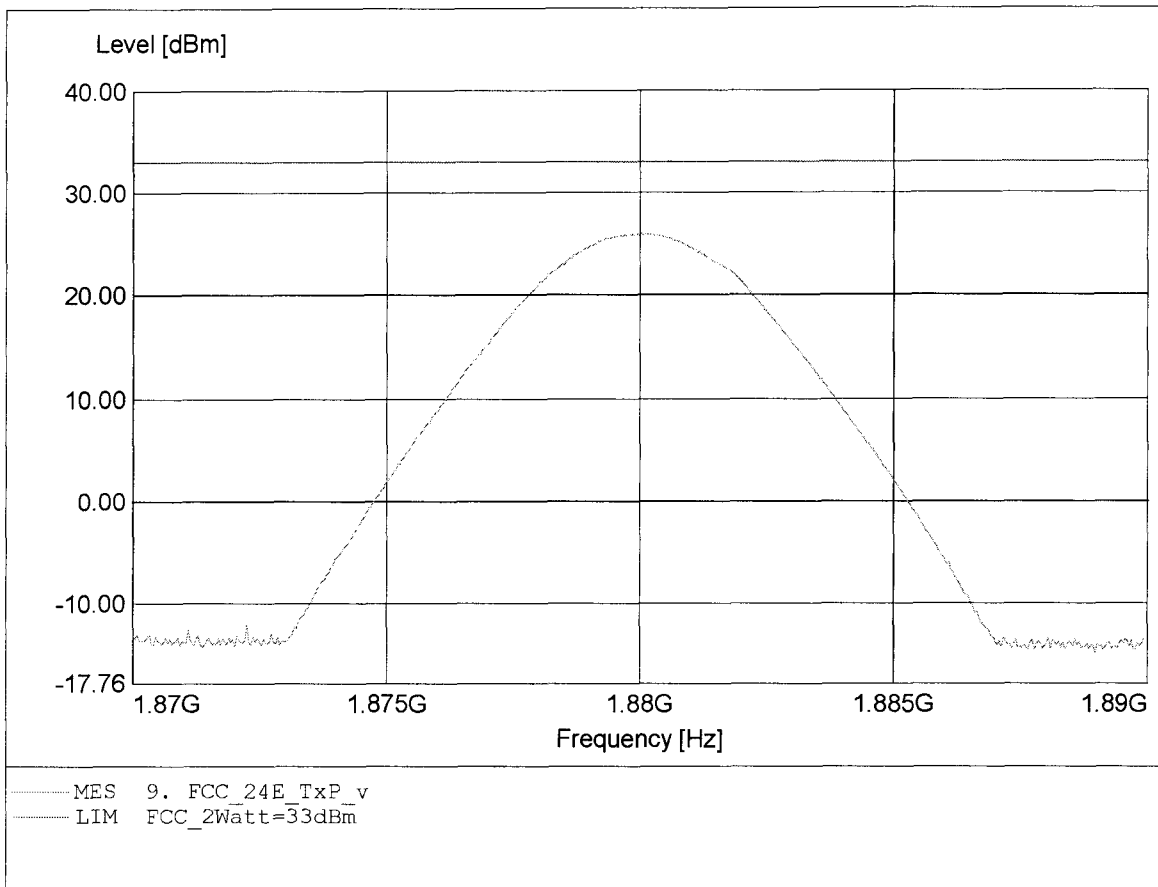
Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 18.43dBm, RBW: 3MHz





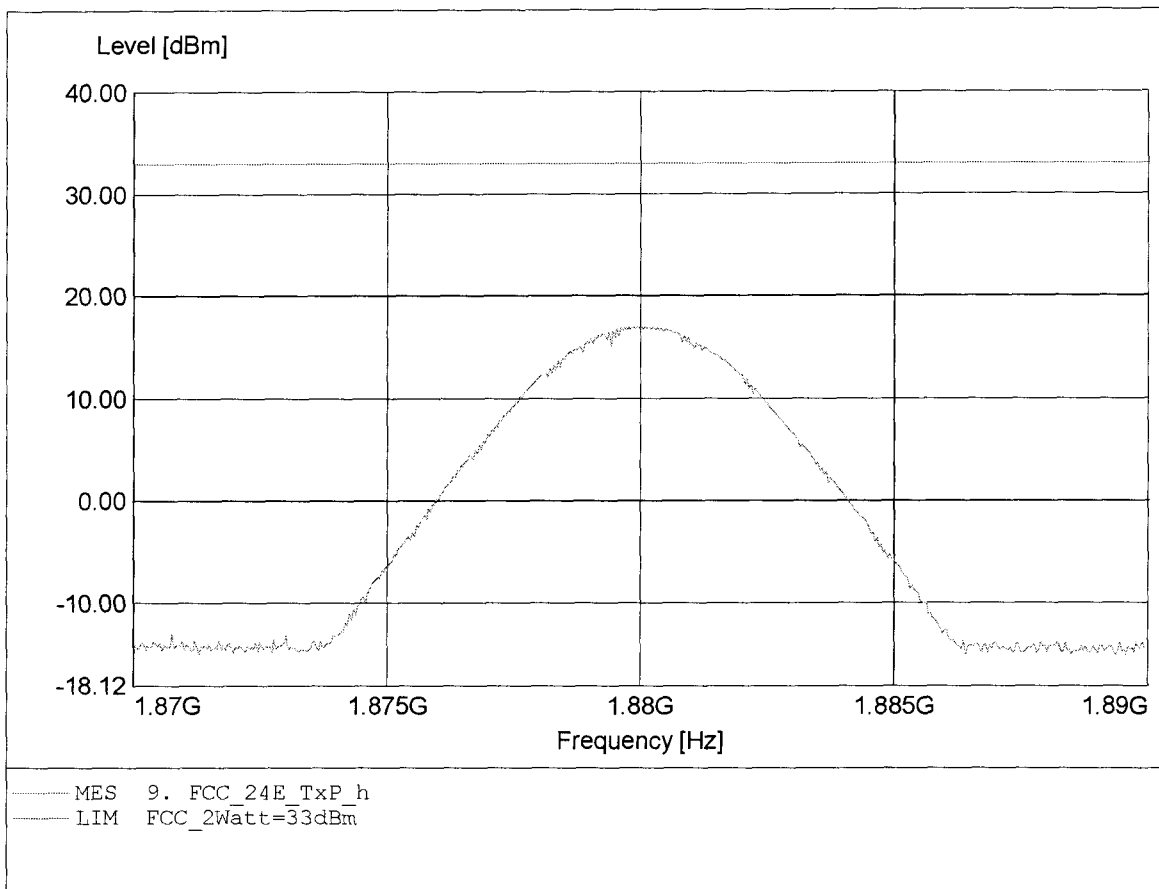
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 25.92dBm, RBW: 3MHz



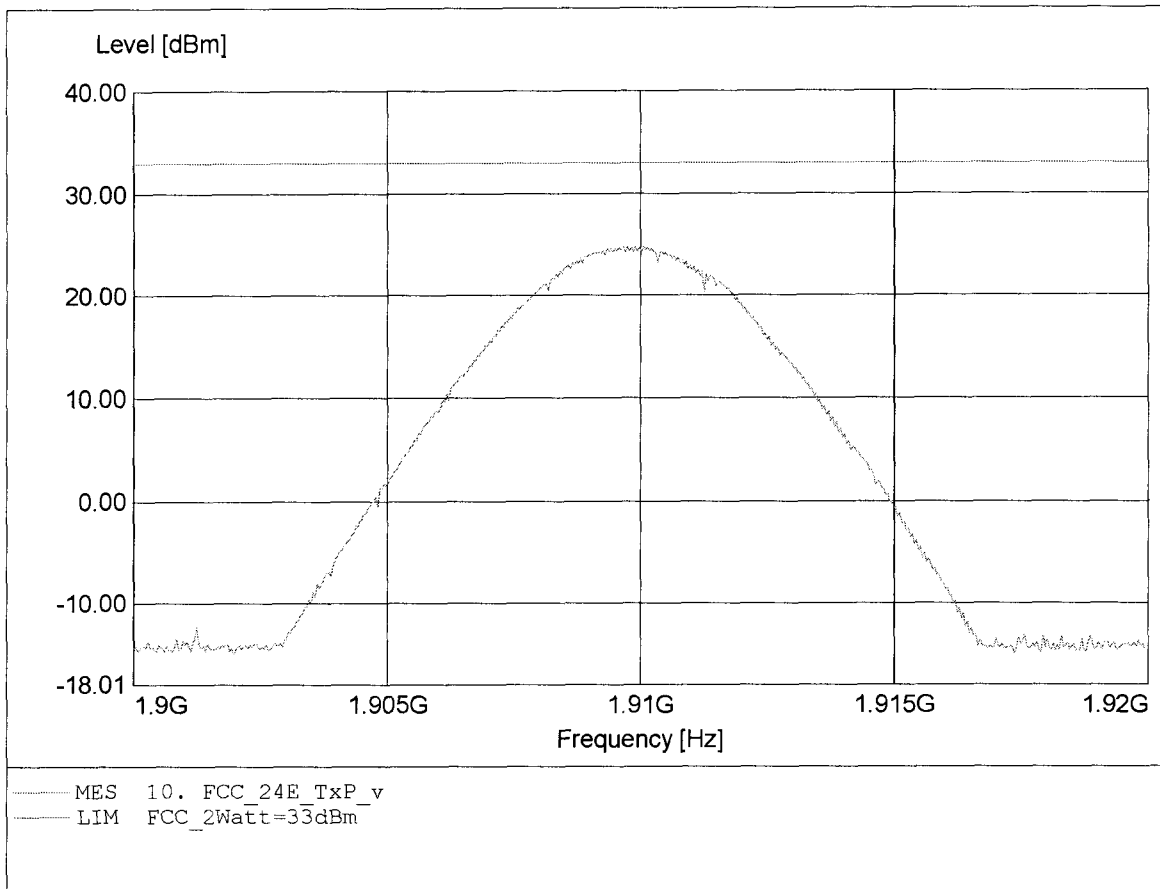
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 17.00dBm, RBW: 3MHz



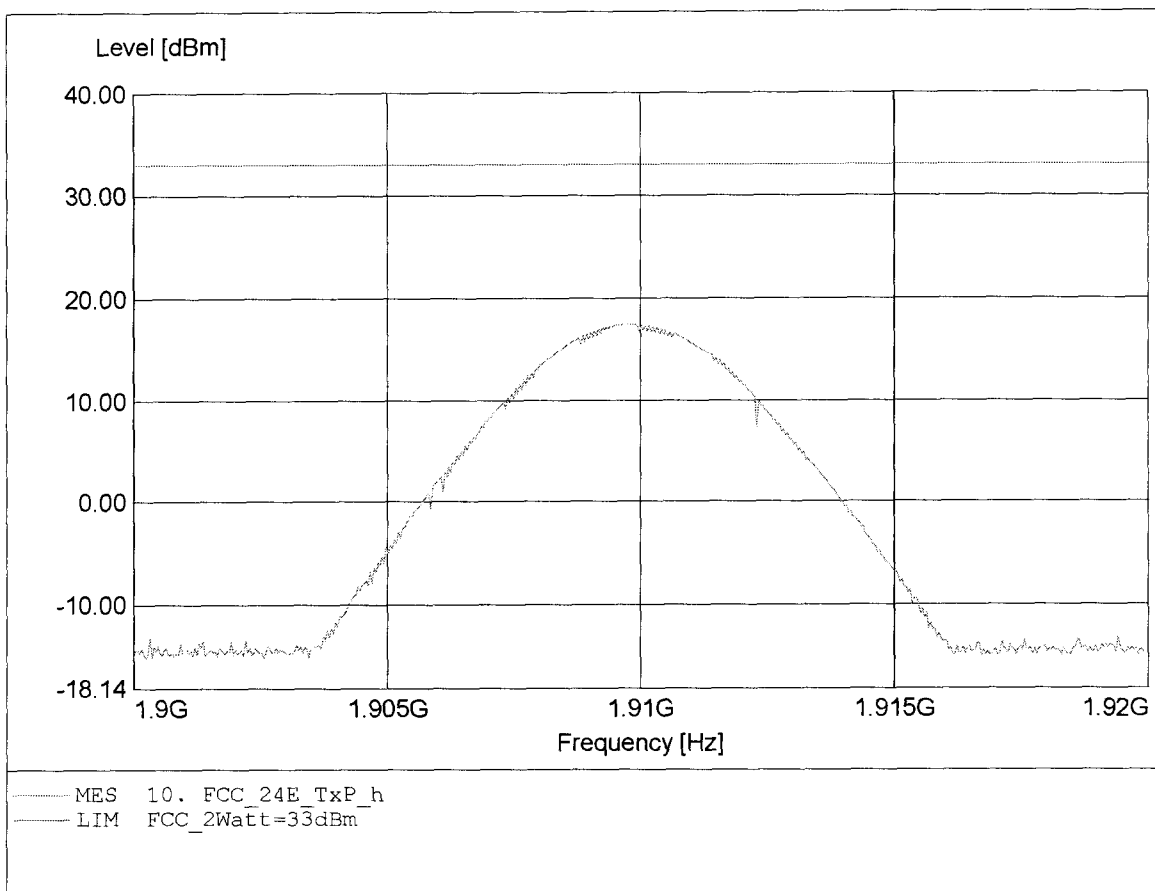
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 24.78dBm, RBW: 3MHz



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

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 17.48dBm, RBW: 3MHz



## Appendix D

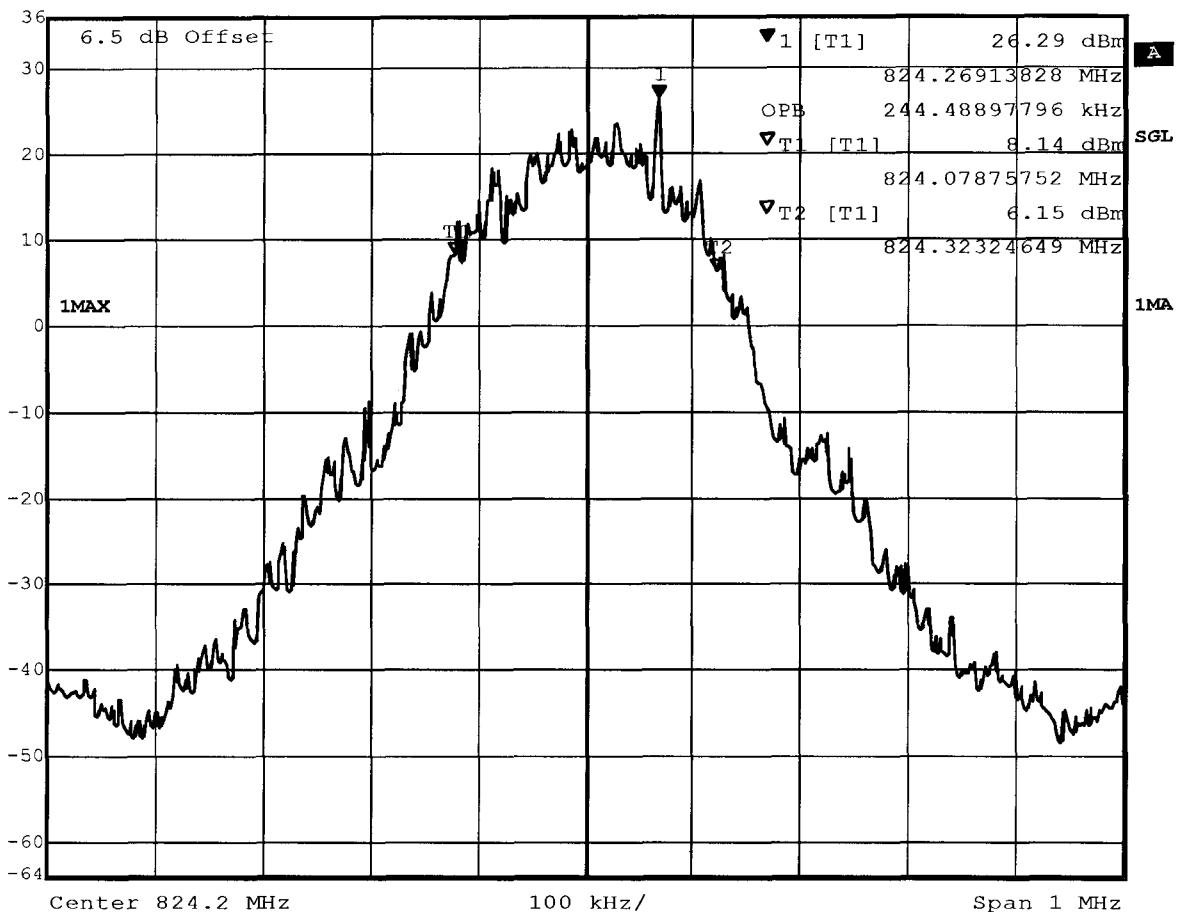
Occupied bandwidth, emission bandwidth

**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 128



Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	26.29 dBm	VBW	3 kHz	
36 dBm	824.26913828 MHz	SWT	280 ms	Unit dBm



Date: 14.NOV.2006 17:38:24

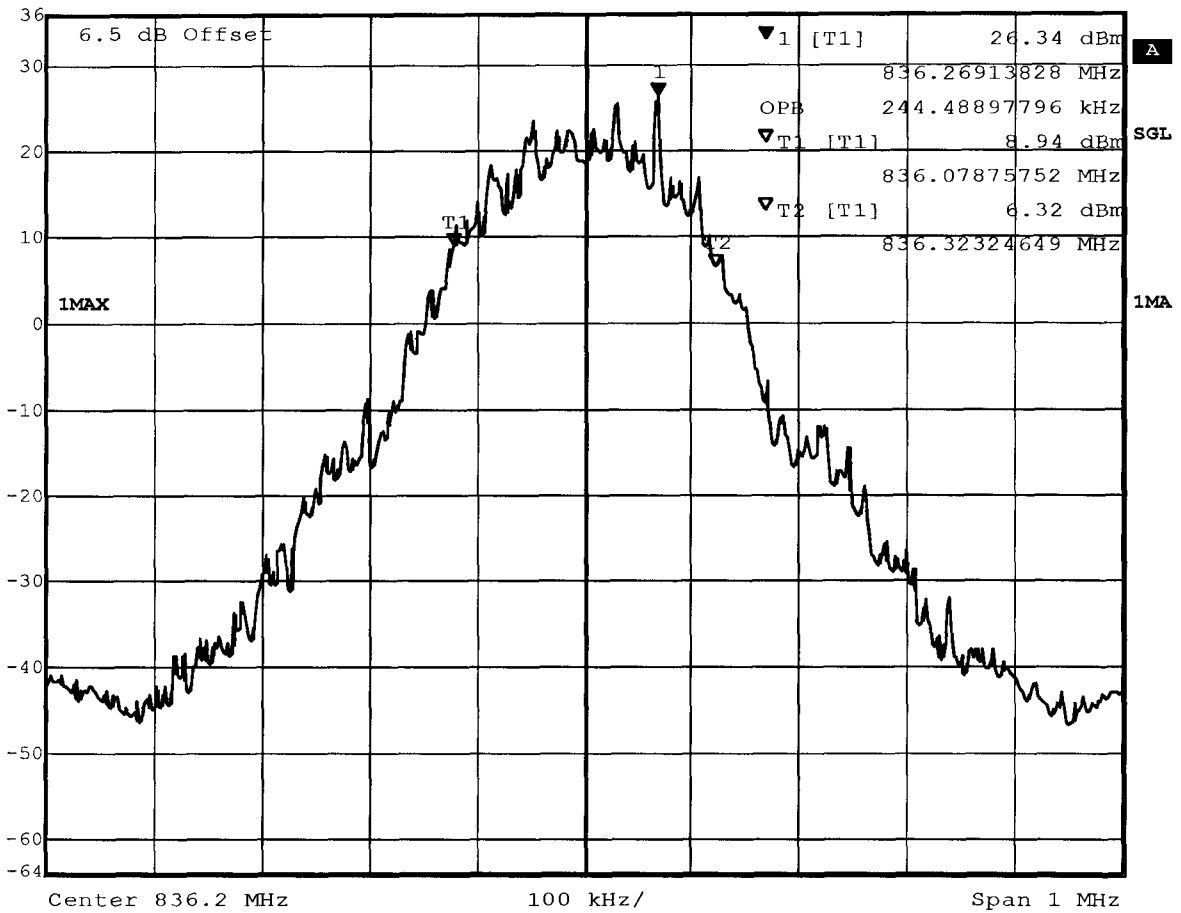
Measurement diagram

**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 188



	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	26.34 dBm	VBW	3 kHz		
36 dBm	836.26913828 MHz	SWT	280 ms	Unit	dBm

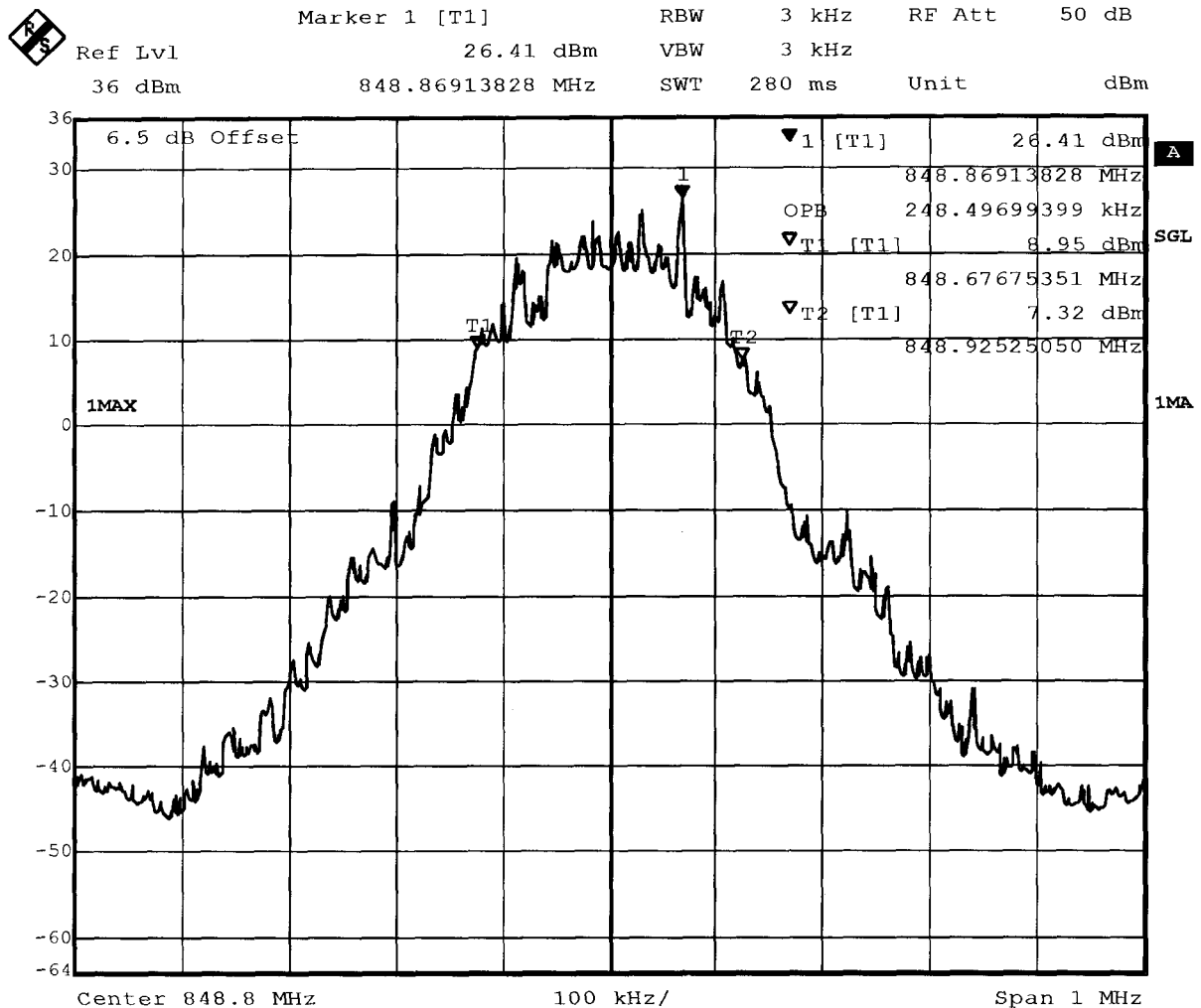


Date: 14.NOV.2006 17:40:21

Measurement diagram

**FCC Part 22 H  
Occupied Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 251



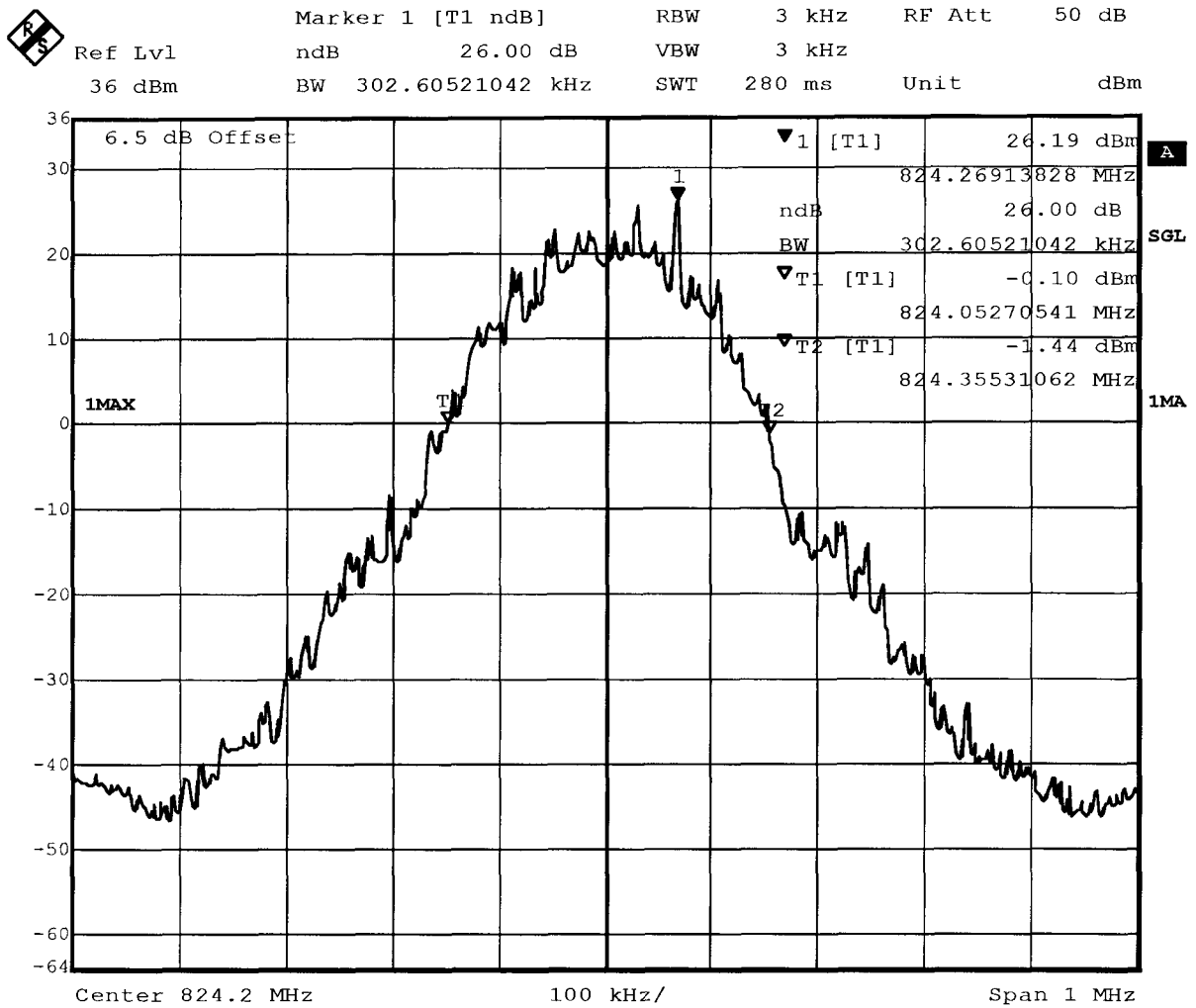
Date: 14.NOV.2006 17:41:30

Measurement diagram



**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 128  
 Comment 2 -26 dB Emission Bandwidth

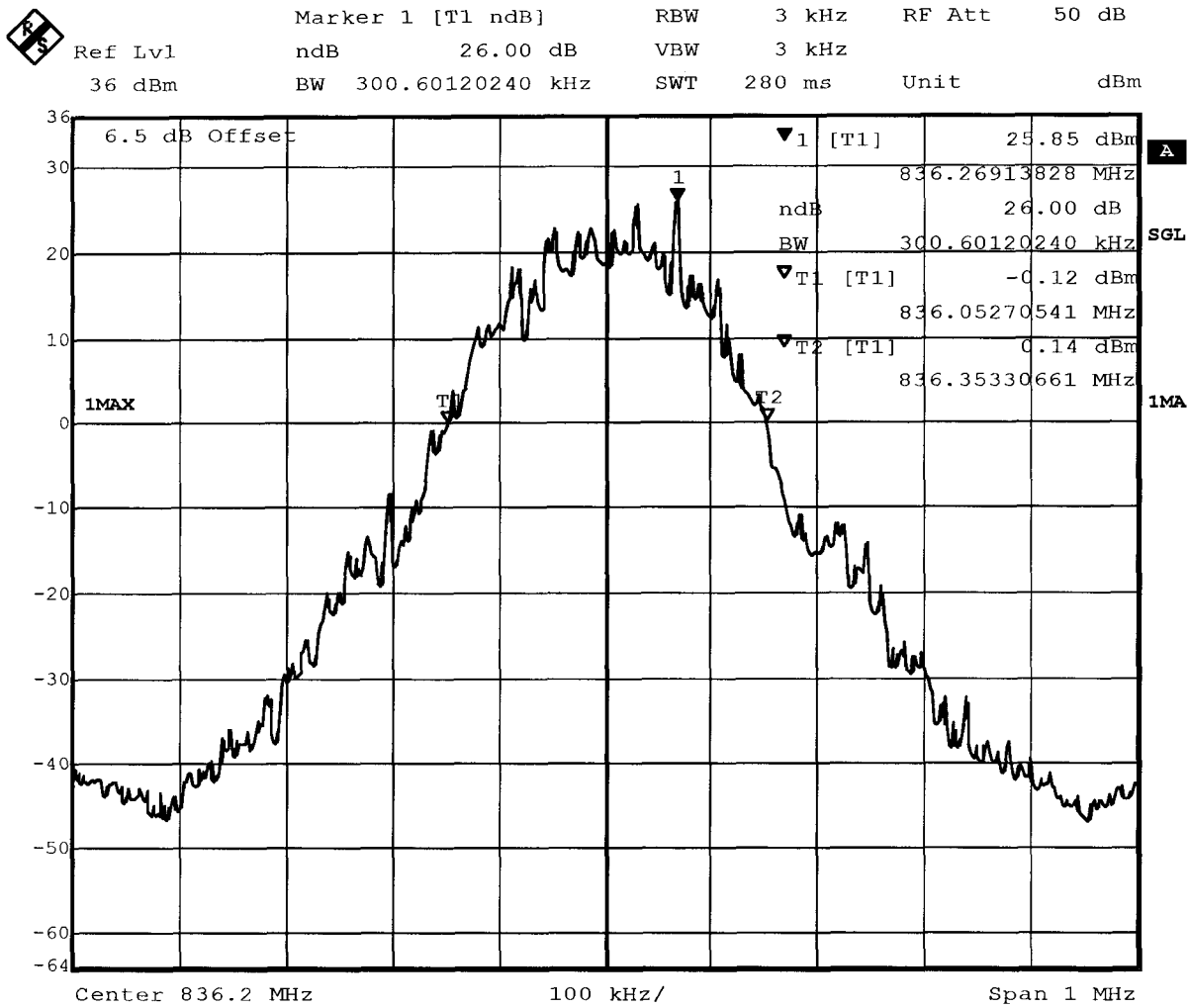


Date: 14.NOV.2006 17:31:45

Measurement diagram

**FCC Part 22 H  
Emission Bandwidth**

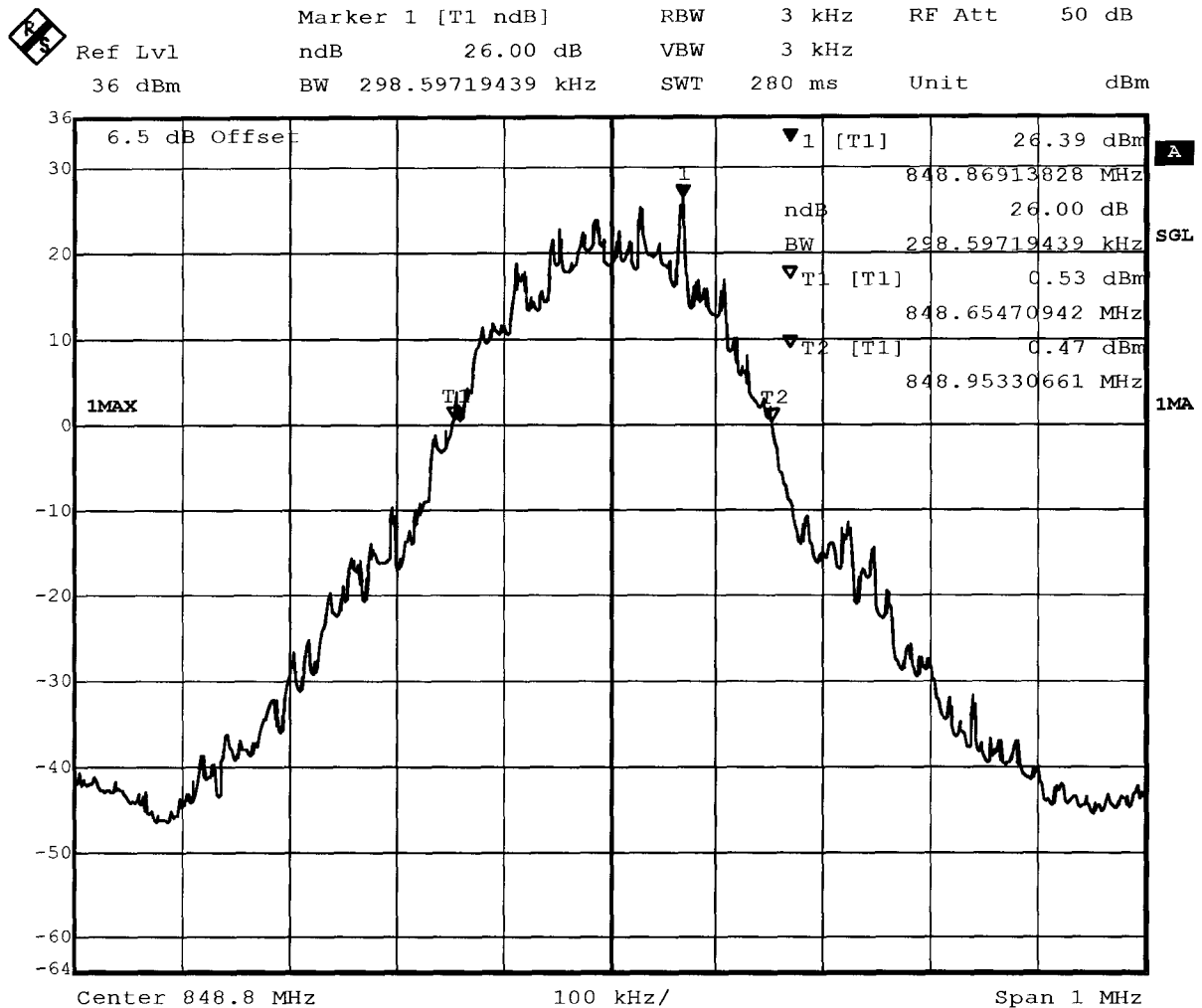
EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 188  
 Comment 2 -26 dB Emission Bandwidth



Date: 14.NOV.2006 17:29:56

**FCC Part 22 H  
Emission Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service  
 Comment 1 Channel: 251  
 Comment 2 -26 dB Emission Bandwidth



Date: 14.NOV.2006 17:26:53

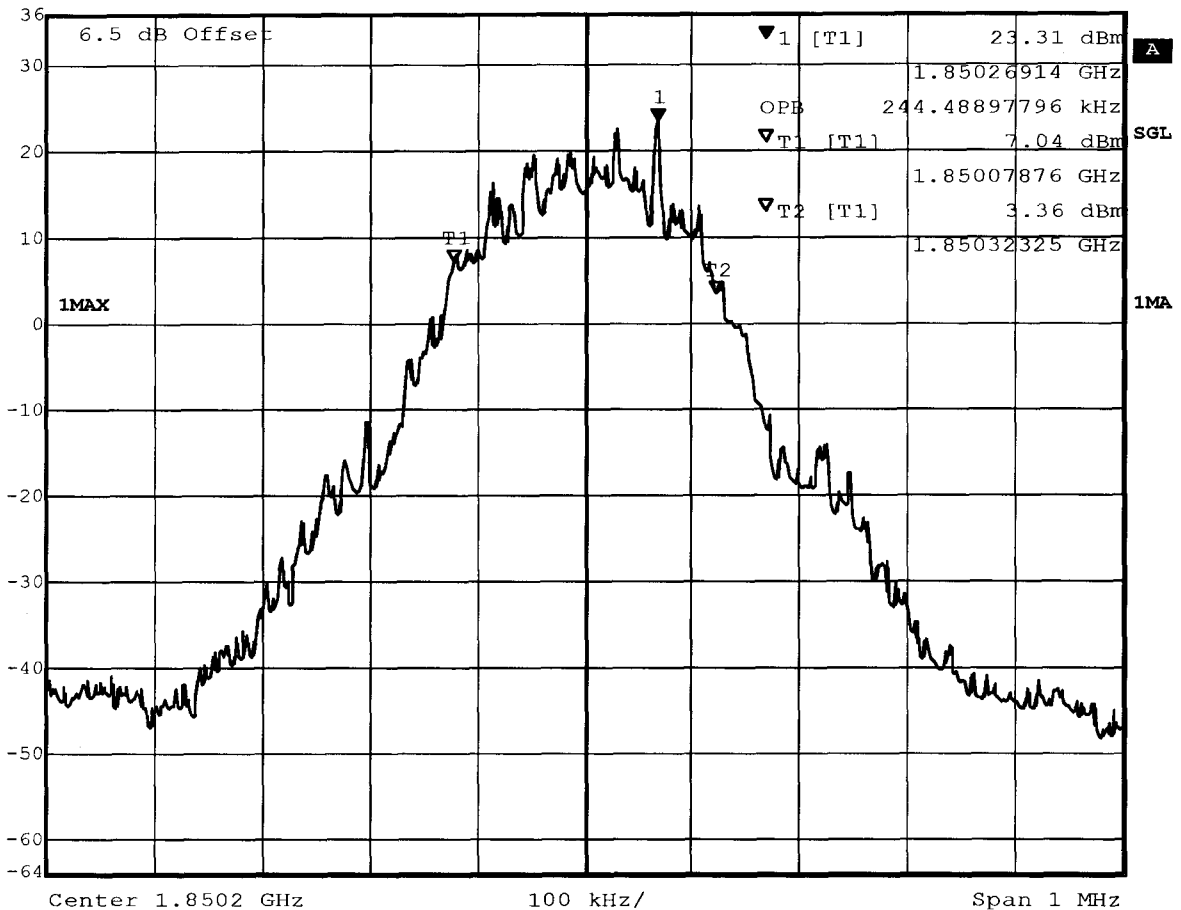
Measurement diagram

**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 VDC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 512



Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
 Ref Lvl 23.31 dBm VBW 3 kHz  
 36 dBm 1.85026914 GHz SWT 280 ms Unit dBm



Date: 14.NOV.2006 18:31:03

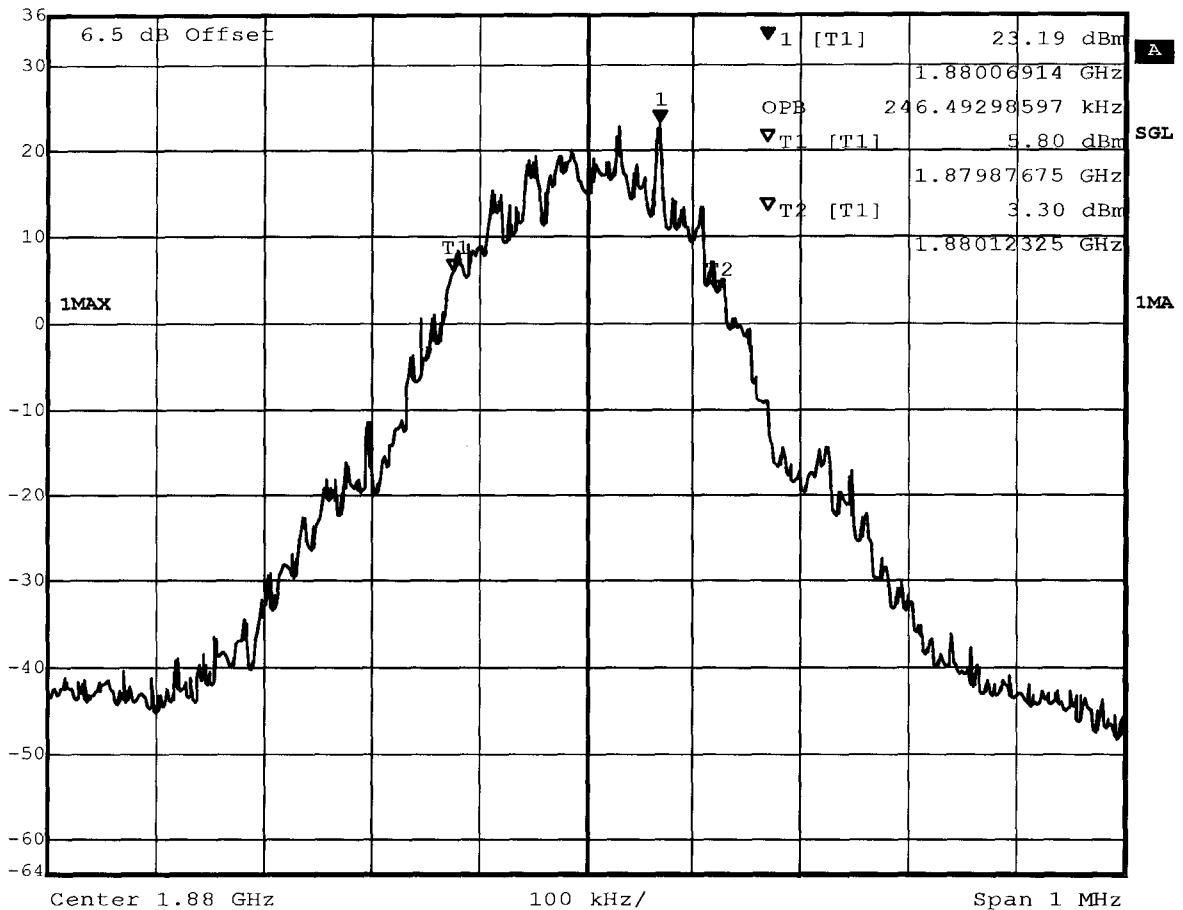
Measurement diagram

**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 661



Marker 1 [T1] RBW 3 kHz RF Att 50 dB  
 Ref Lvl 23.19 dBm VBW 3 kHz  
 36 dBm 1.88006914 GHz SWT 280 ms Unit dBm



Date: 14.NOV.2006 18:30:14

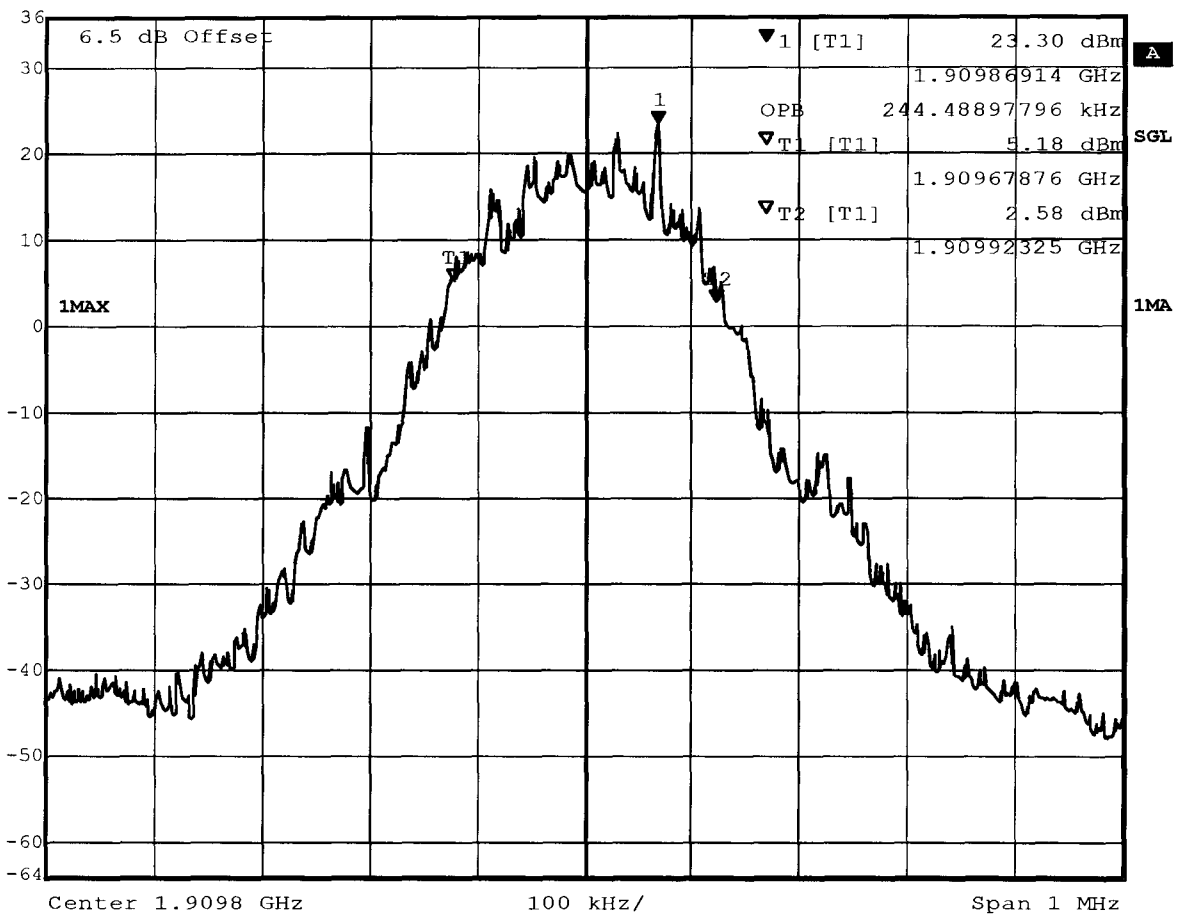
Measurement diagram

**FCC Part 24 E  
Occupied Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 810



Ref Lvl	36 dBm	Marker 1 [T1]	23.30 dBm	RBW	3 kHz	RF Att	50 dB
			1.90986914 GHz	VBW	3 kHz		
				SWT	280 ms	Unit	dBm



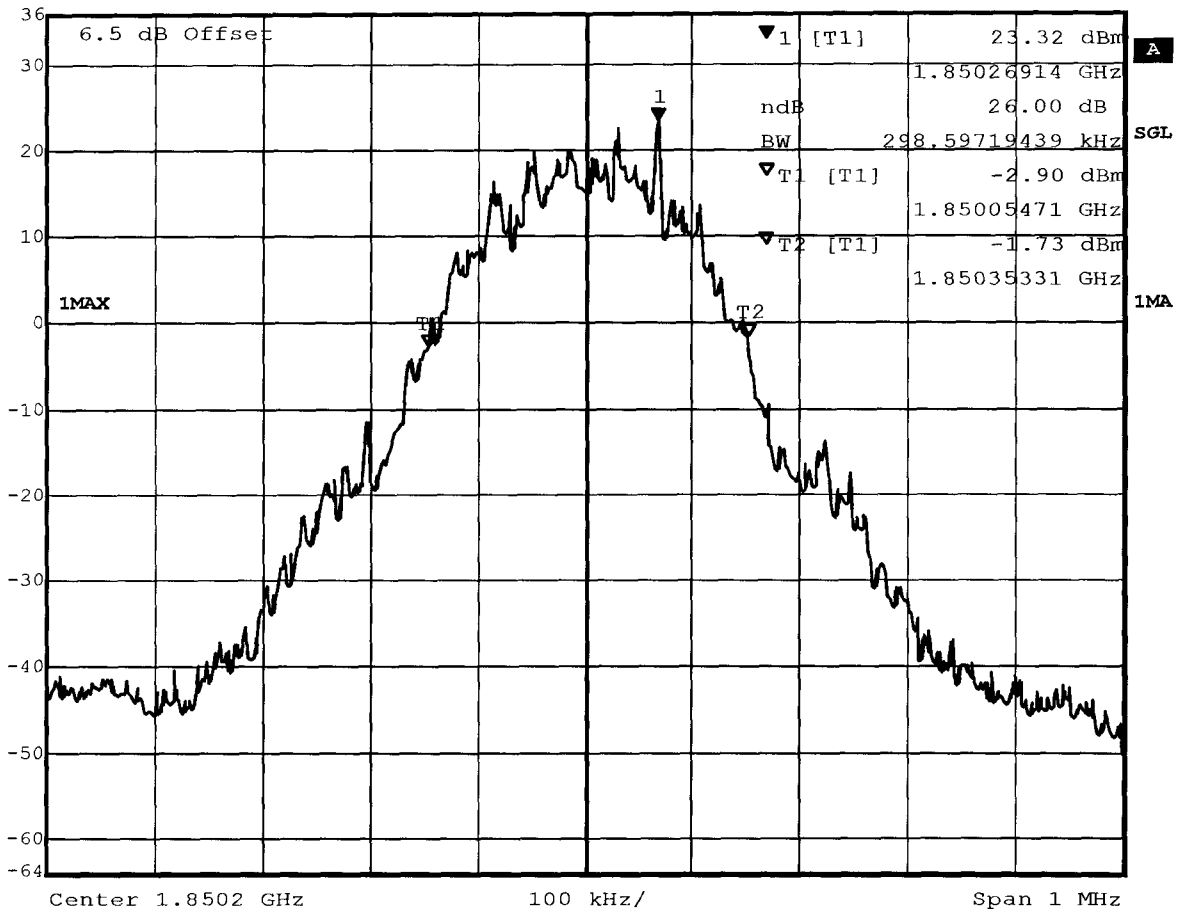
Date: 14.NOV.2006 18:31:49

Measurement diagram

**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 512  
 Comment 2 -26 dB Emission Bandwidth

	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	ndB	26.00 dB	VBW	3 kHz
	36 dBm	BW	298.59719439 kHz	SWT	280 ms
				Unit	dBm



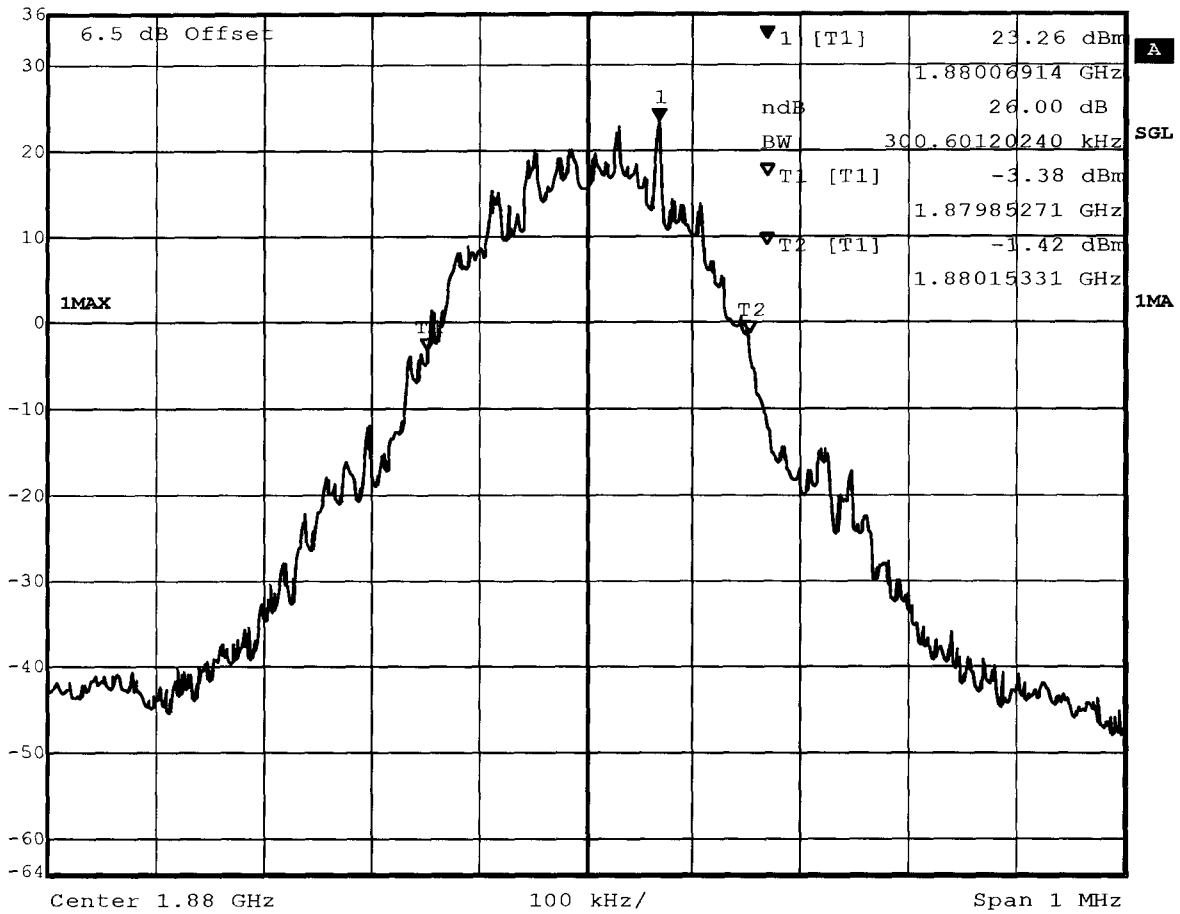
Date: 14.NOV.2006 18:28:07

Measurement diagram

**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 661  
 Comment 2 -26 dB Emission Bandwidth

	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	ndB	26.00 dB	VBW	3 kHz
	36 dBm	BW	300.60120240 kHz	SWT	280 ms
		Unit			dBm



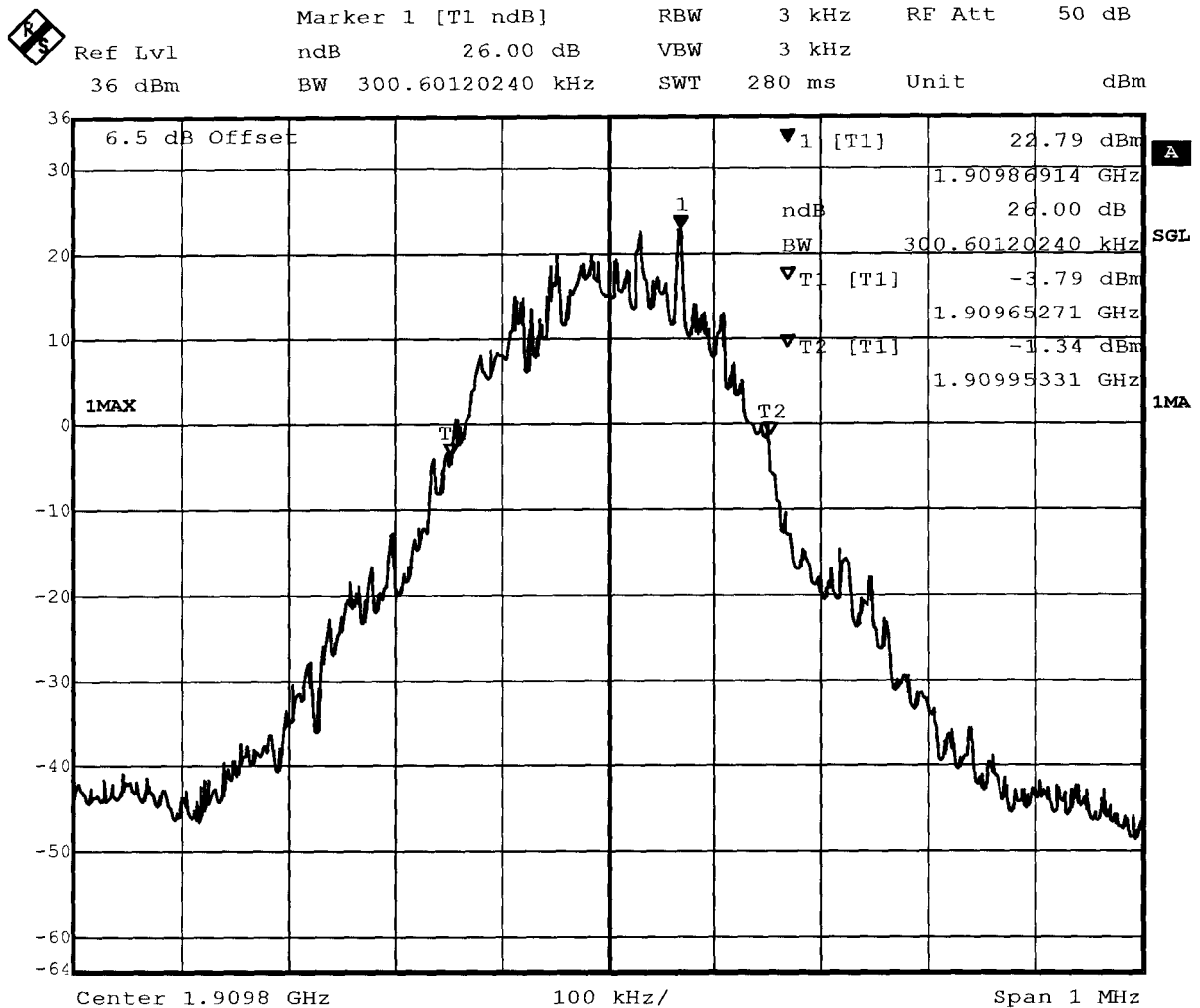
Date: 14.NOV.2006 18:27:00

Measurement diagram



**FCC Part 24 E  
Emission Bandwidth**

EUT Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
 Model S100  
 Approval Holder Pantech Co., Ltd.  
 Temperature / Voltage 23°C / Unom.: 4.0 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E - Broadband PCS  
 Comment 1 Channel: 810  
 Comment 2 -26 dB Emission Bandwidth



Date: 14.NOV.2006 18:23:21

Measurement diagram

## Appendix E

Frequency stability

## Appendix F

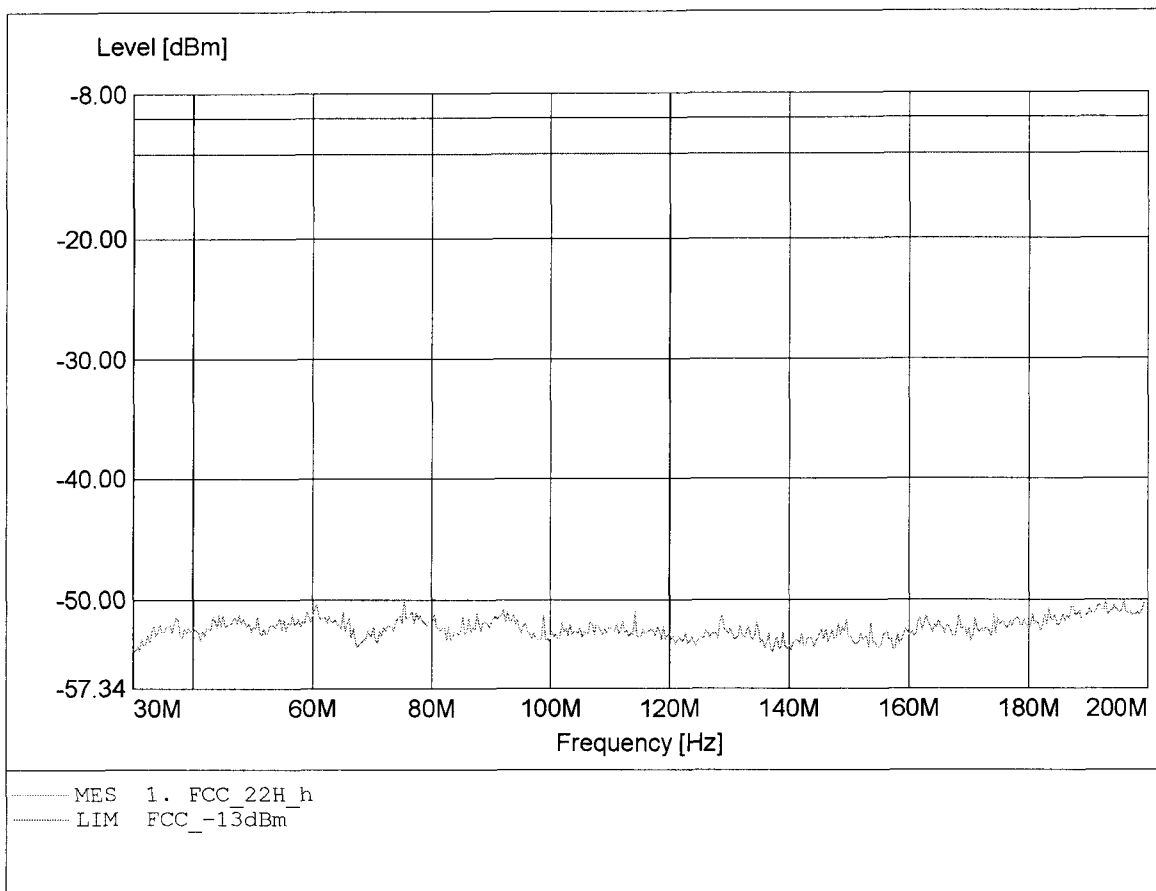
Spurious emission conducted (antenna terminal)

## Appendix G

Spurious emission radiated

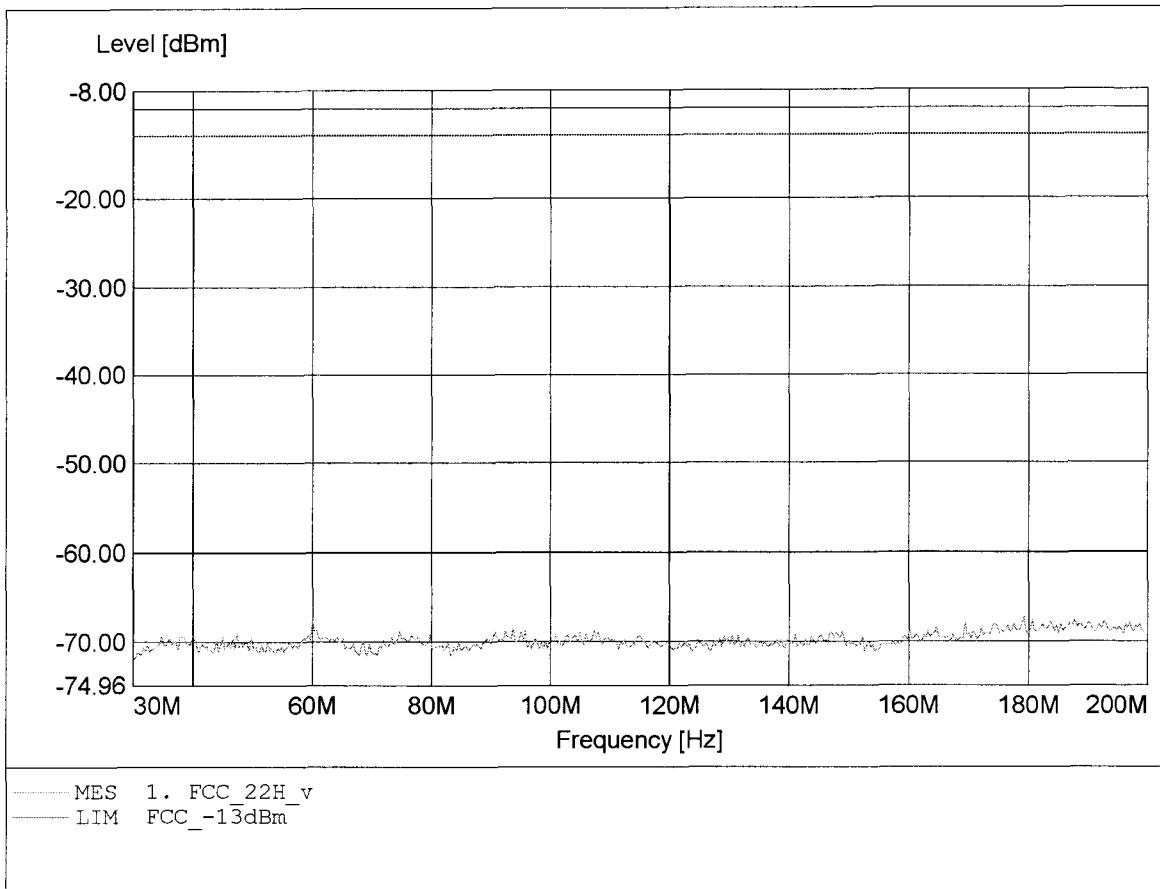
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 75.311MHz, Pmax: -49.93dBm, RBW: 100kHz



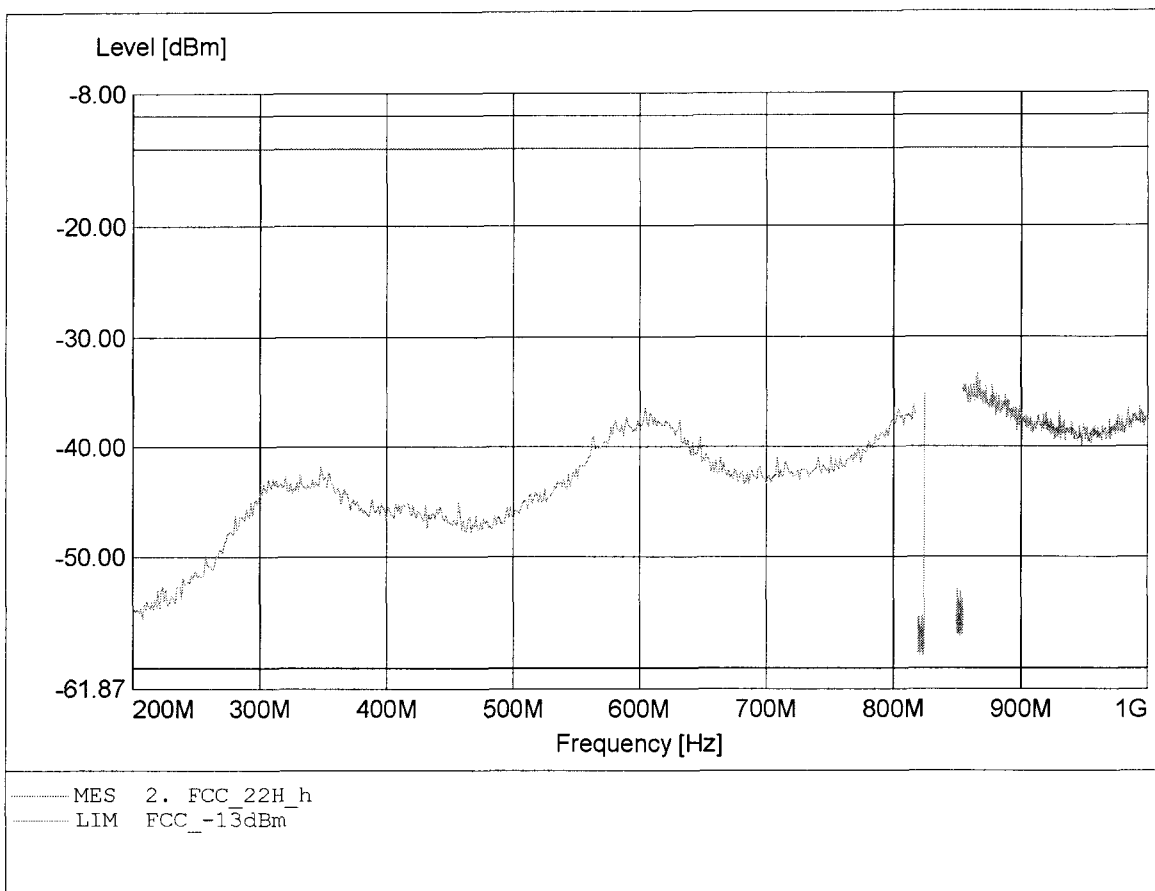
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 179.218MHz, Pmax: -67.20dBm, RBW: 100kHz



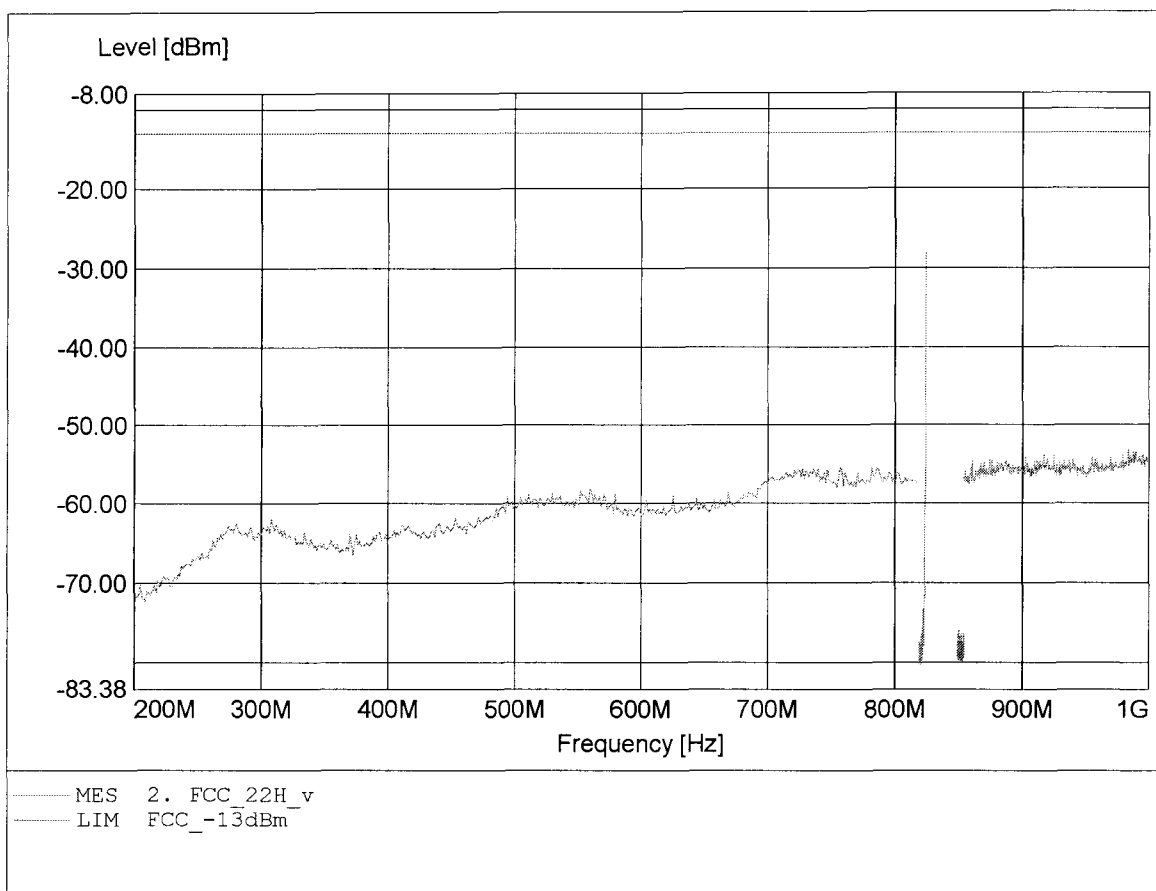
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 865.996MHz, Pmax: -33.38dBm, RBW: 100kHz



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

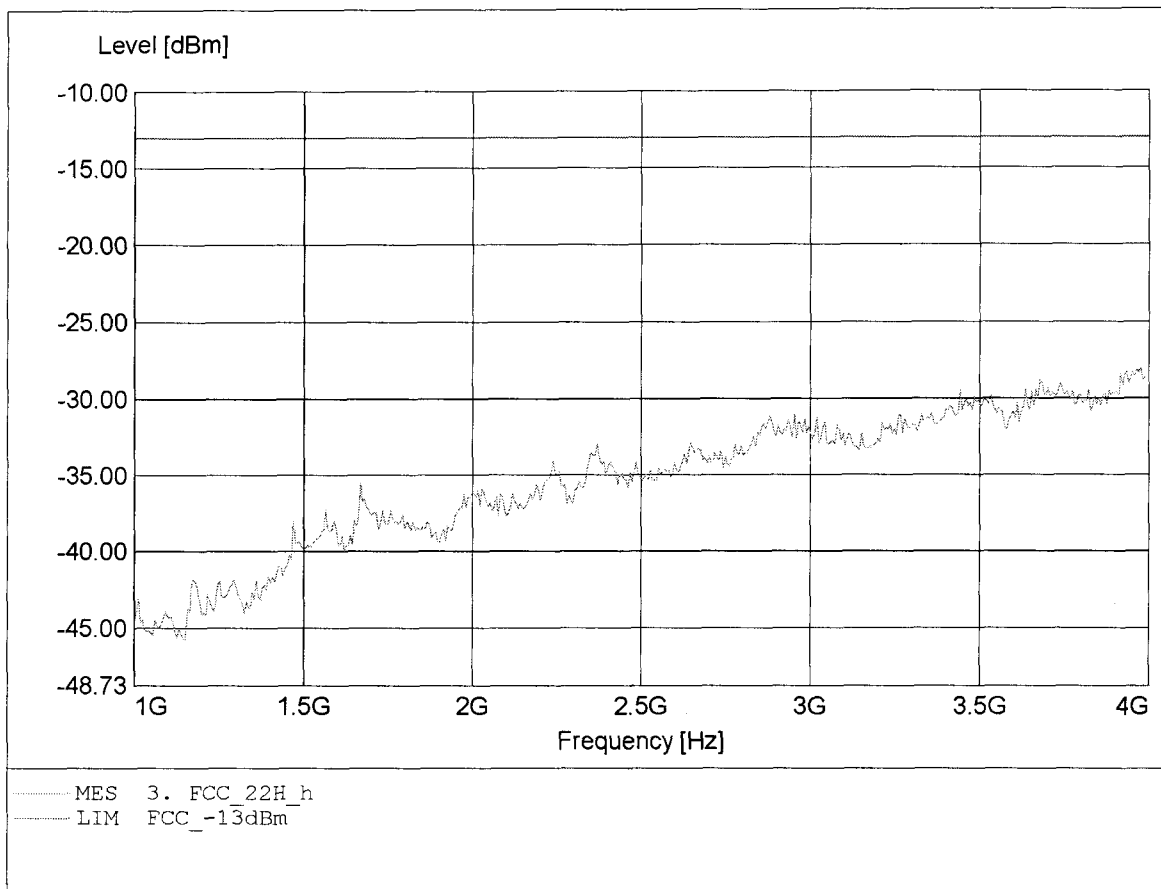
Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 823.980MHz, Pmax: -28.19dBm, RBW: 100kHz





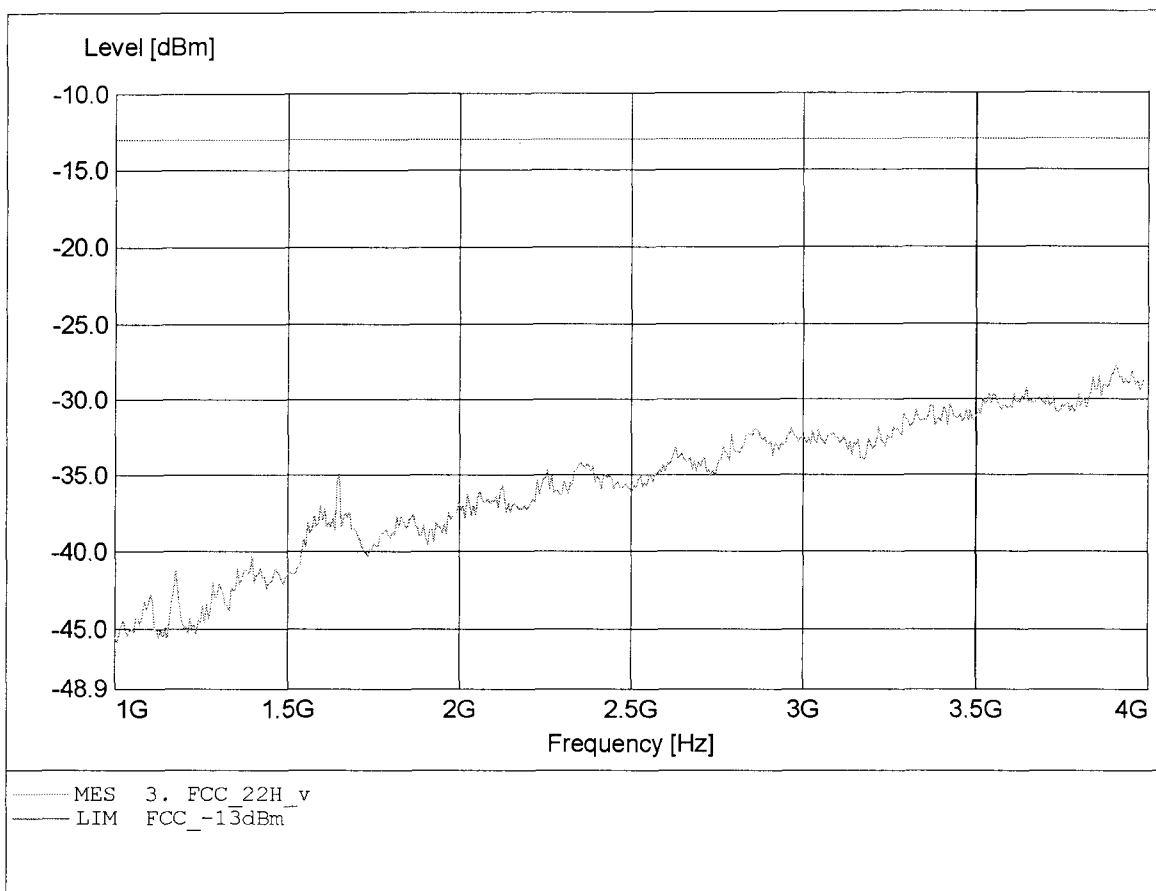
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.976GHz, Pmax: -28.00dBm, RBW: 1MHz



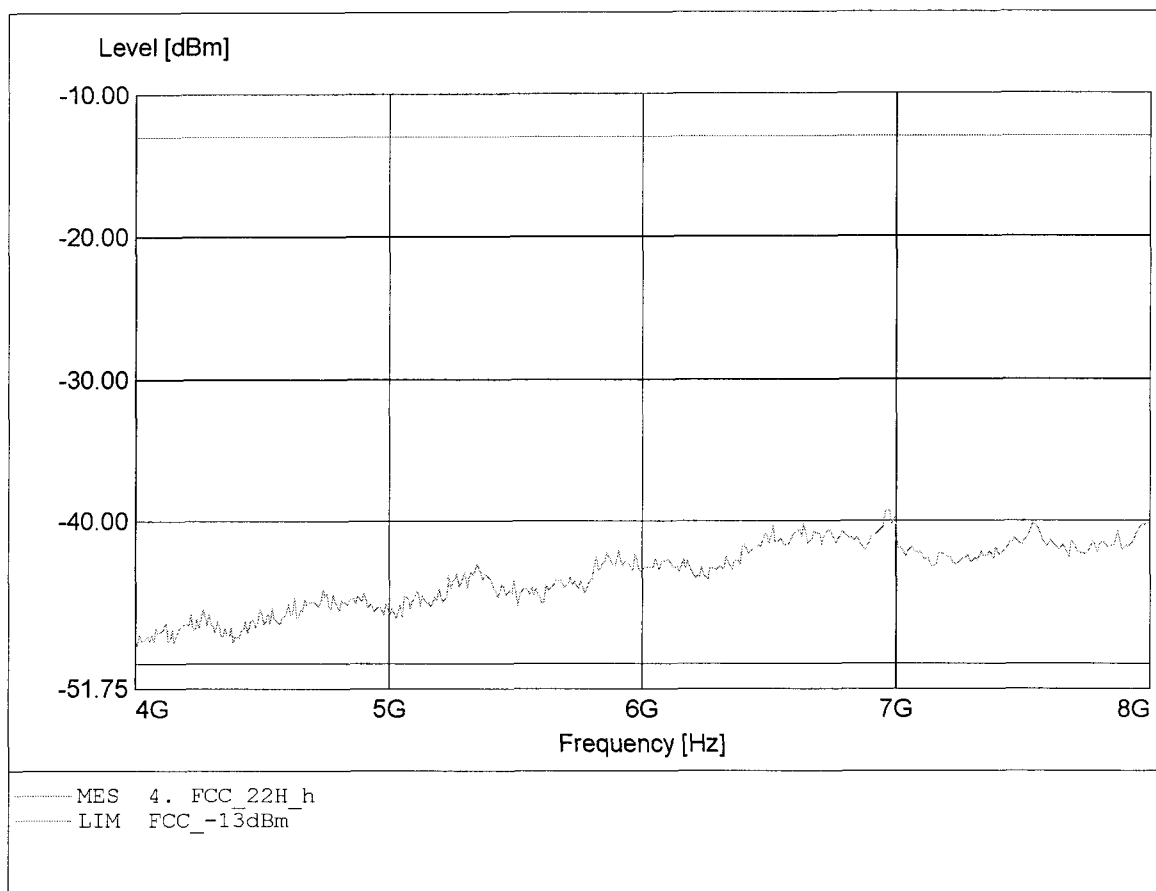
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.904GHz, Pmax: -27.79dBm, RBW: 1MHz



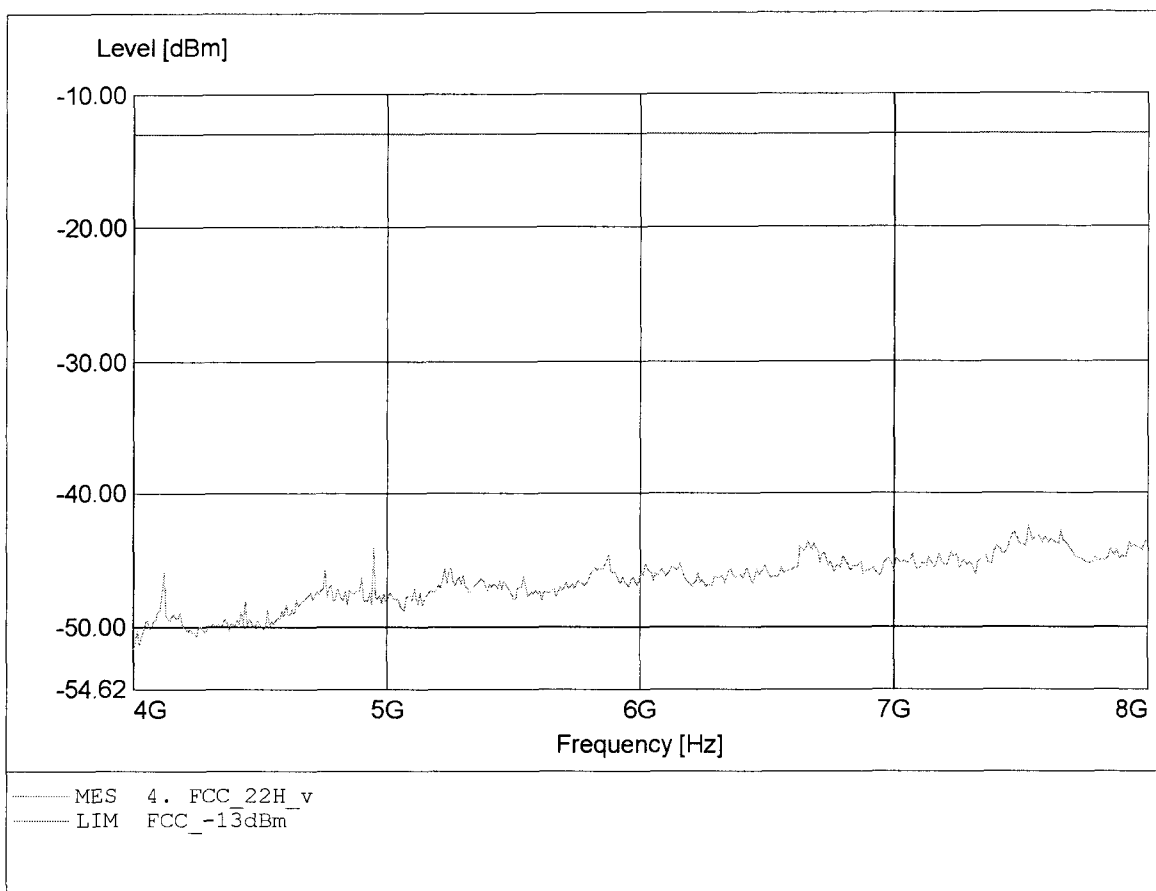
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.974GHz, Pmax: -39.30dBm, RBW: 1MHz



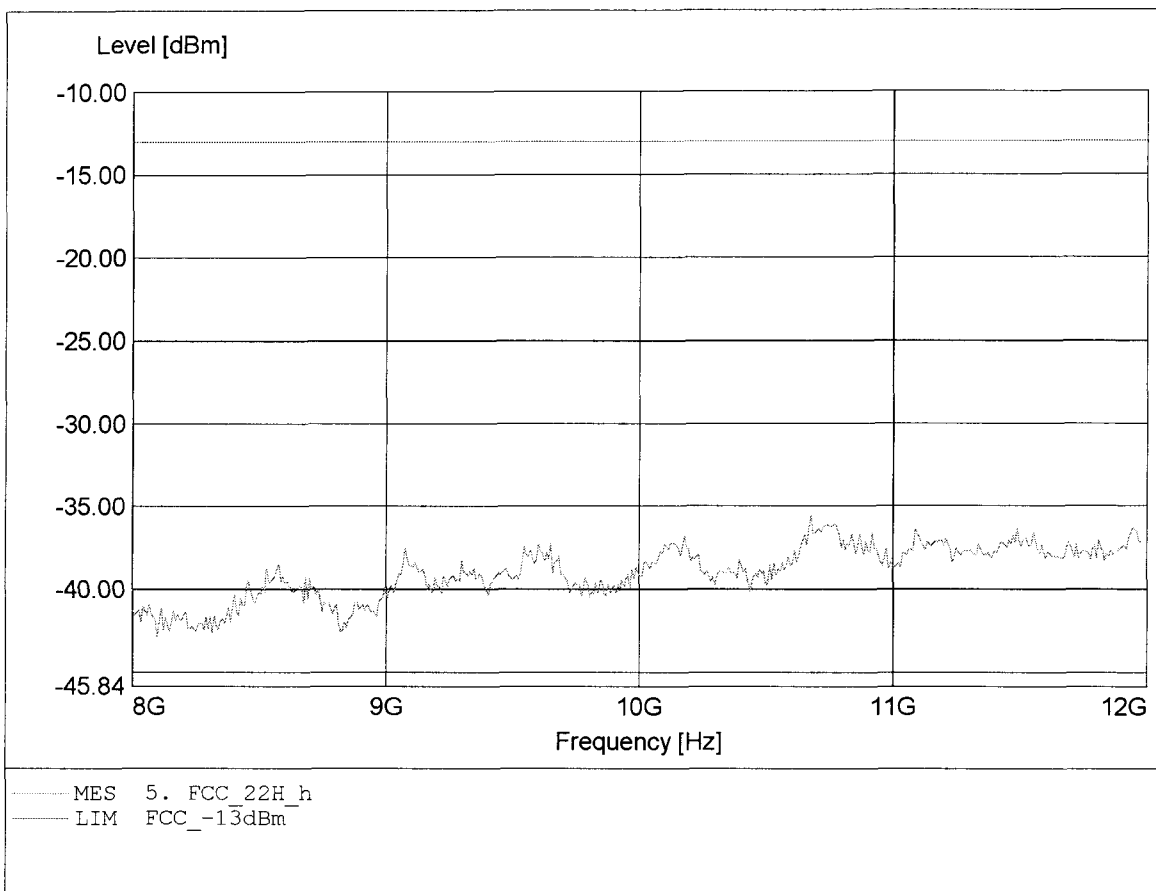
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.527GHz, Pmax: -42.48dBm, RBW: 1MHz



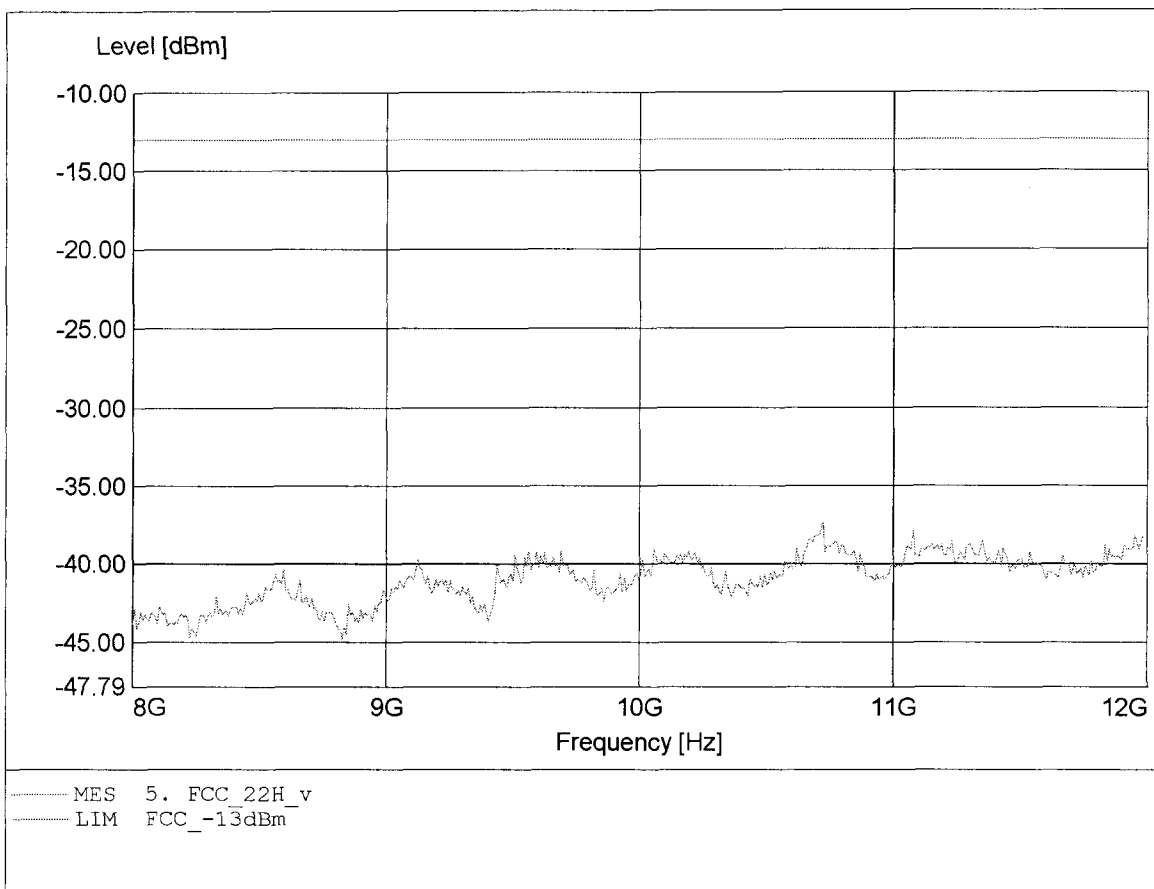
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.677GHz, Pmax: -35.61dBm, RBW: 1MHz



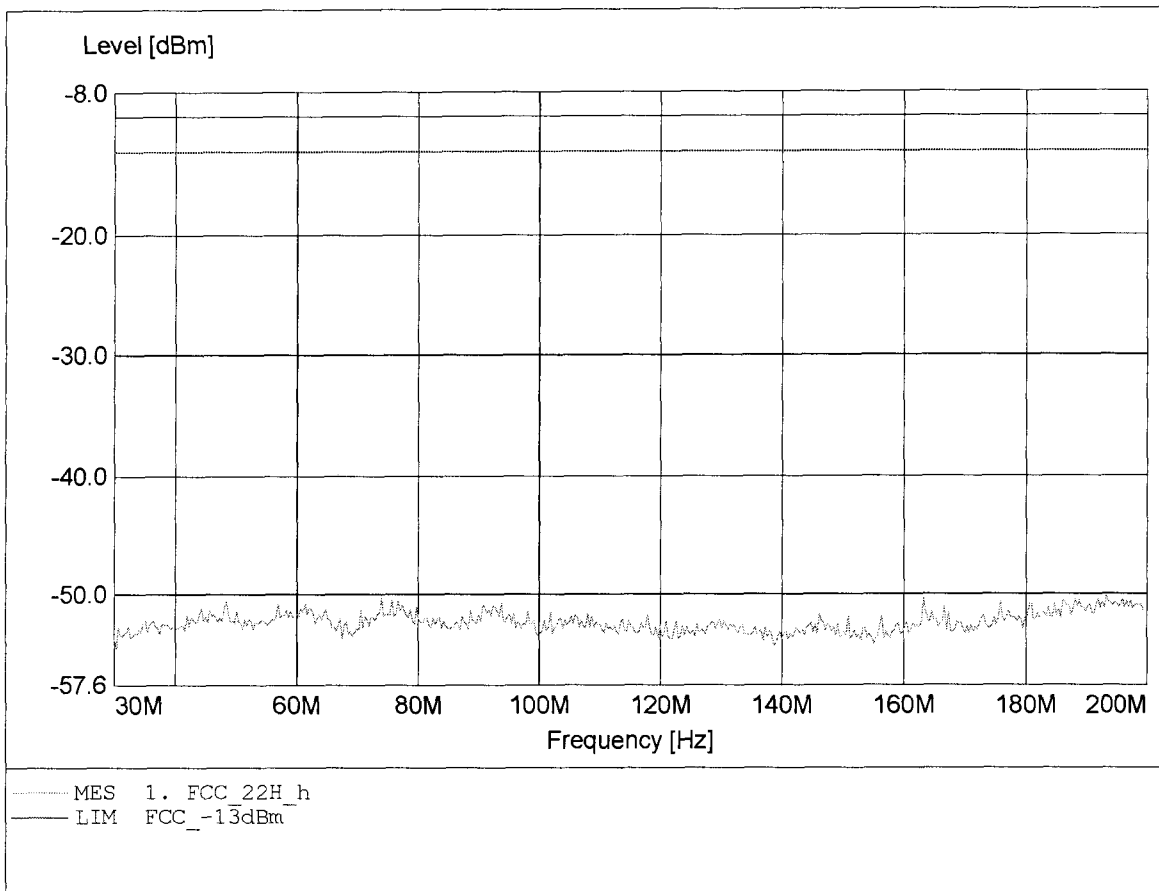
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**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.725GHz, Pmax: -37.31dBm, RBW: 1MHz



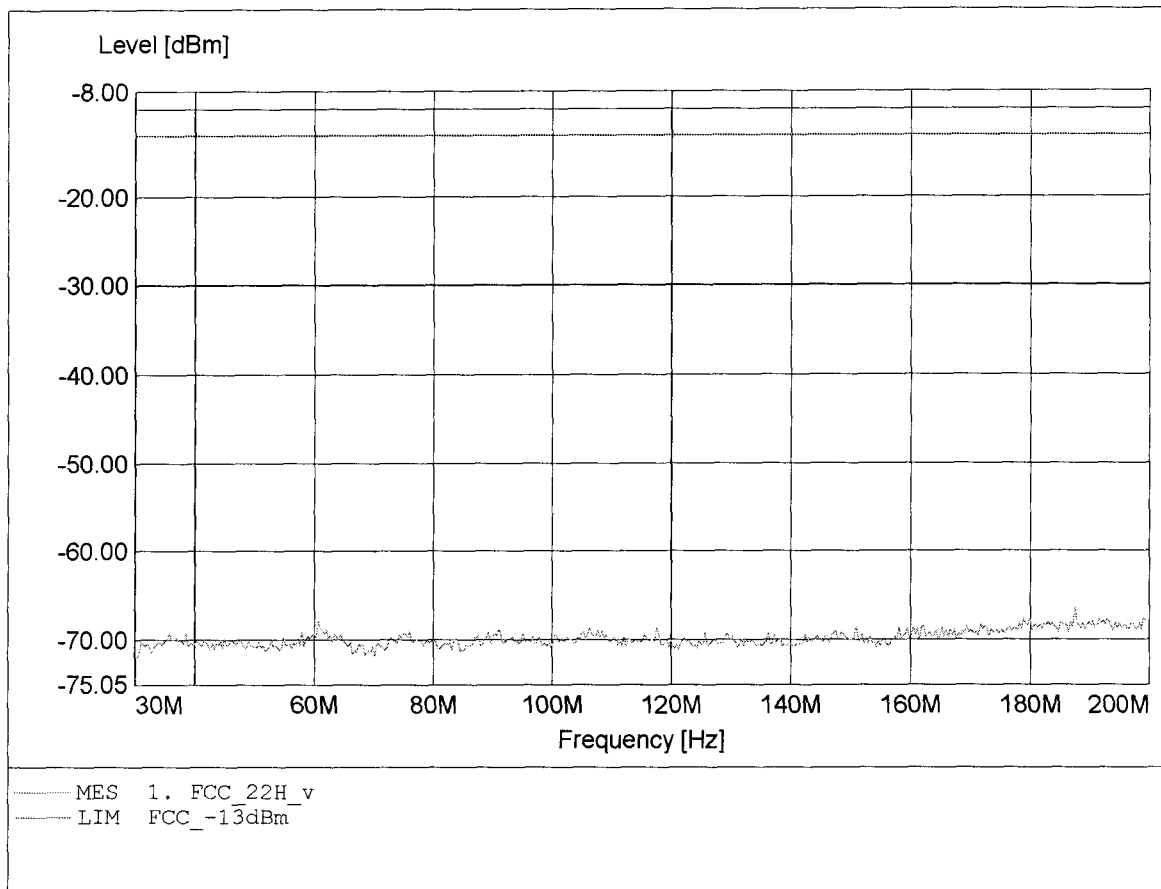
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 193.186MHz, Pmax: -50.22dBm, RBW: 100kHz



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

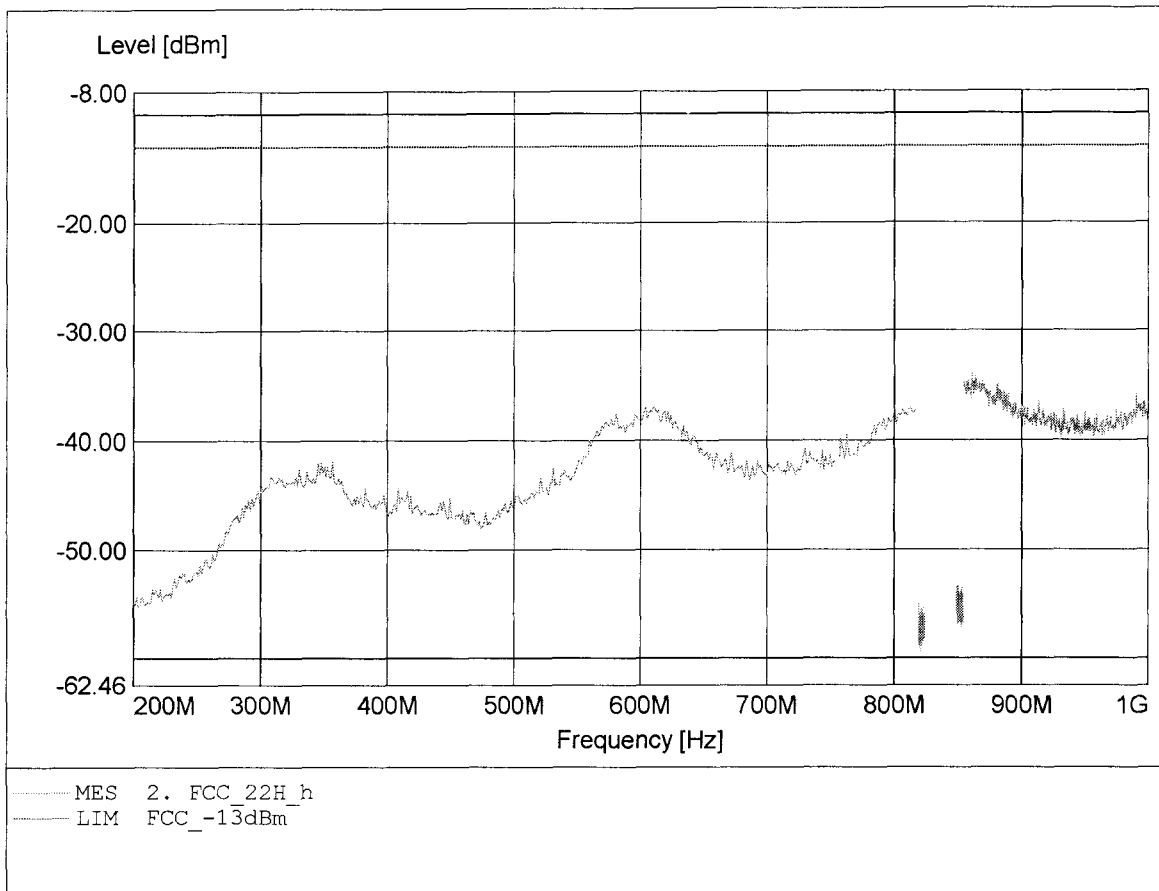
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EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 187.395MHz, Pmax: -66.50dBm, RBW: 100kHz





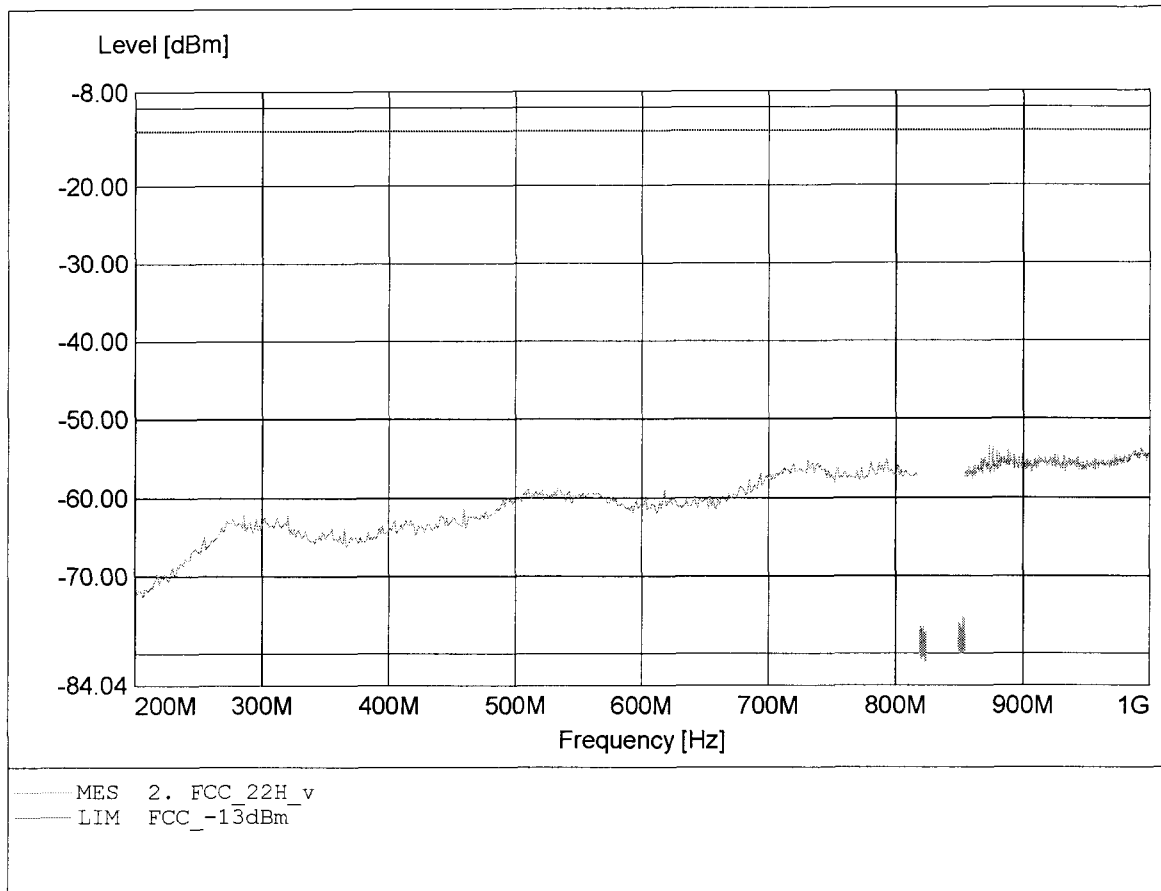
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 860.729MHz, Pmax: -33.81dBm, RBW: 100kHz



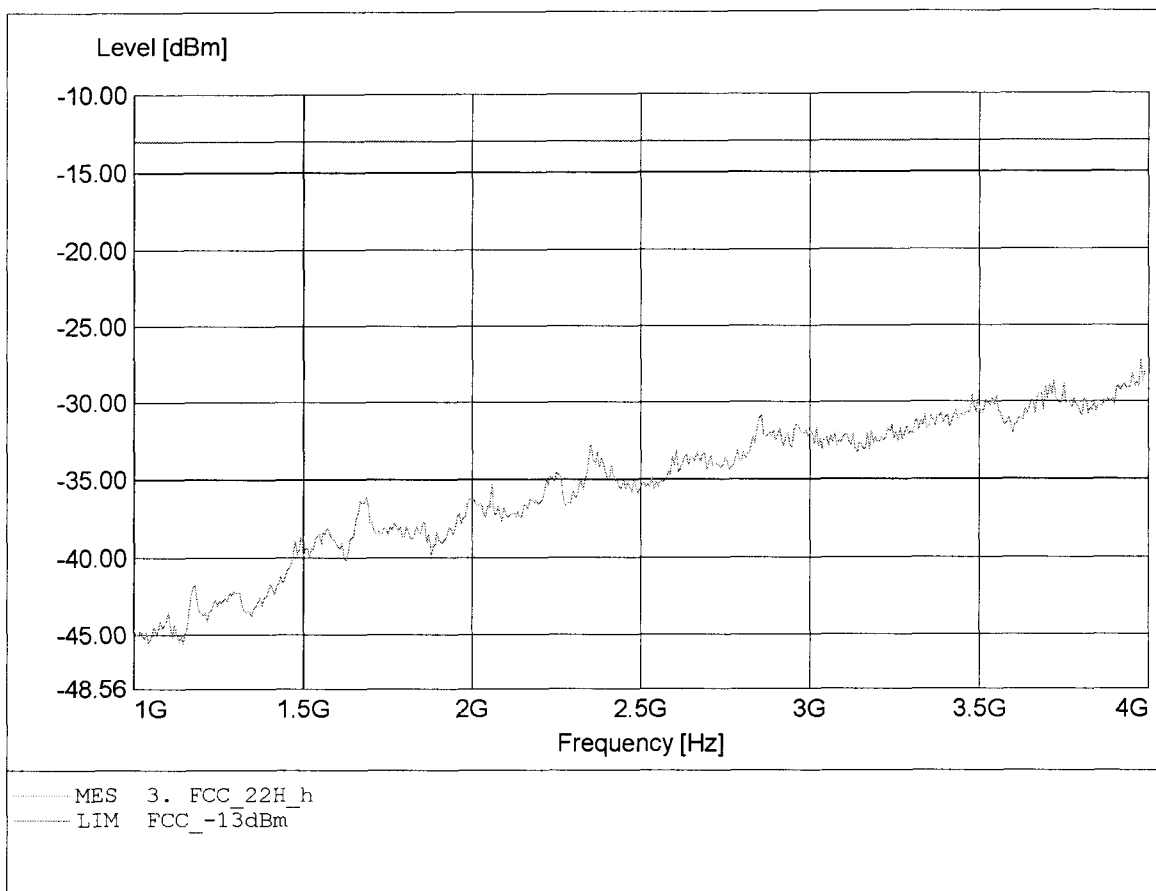
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 873.311MHz, Pmax: -53.42dBm, RBW: 100kHz



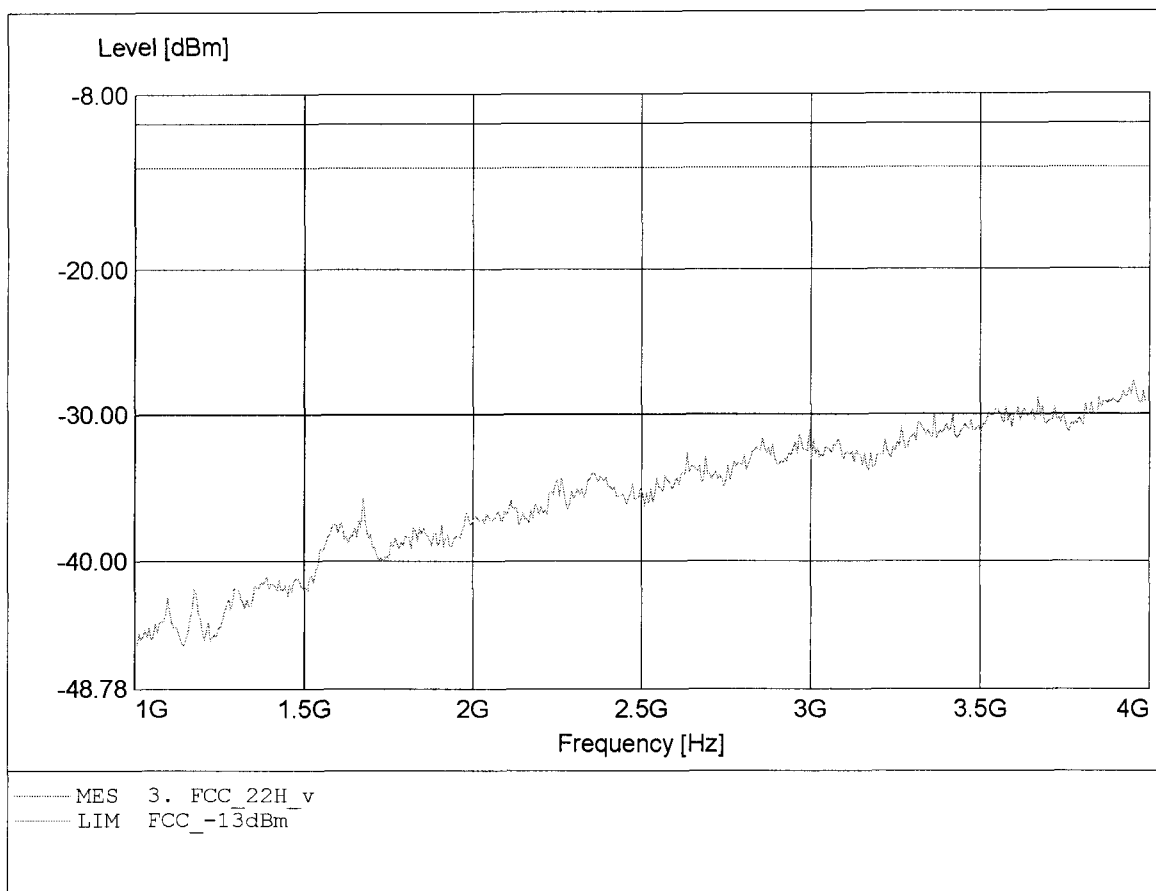
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.976GHz, Pmax: -27.25dBm, RBW: 1MHz



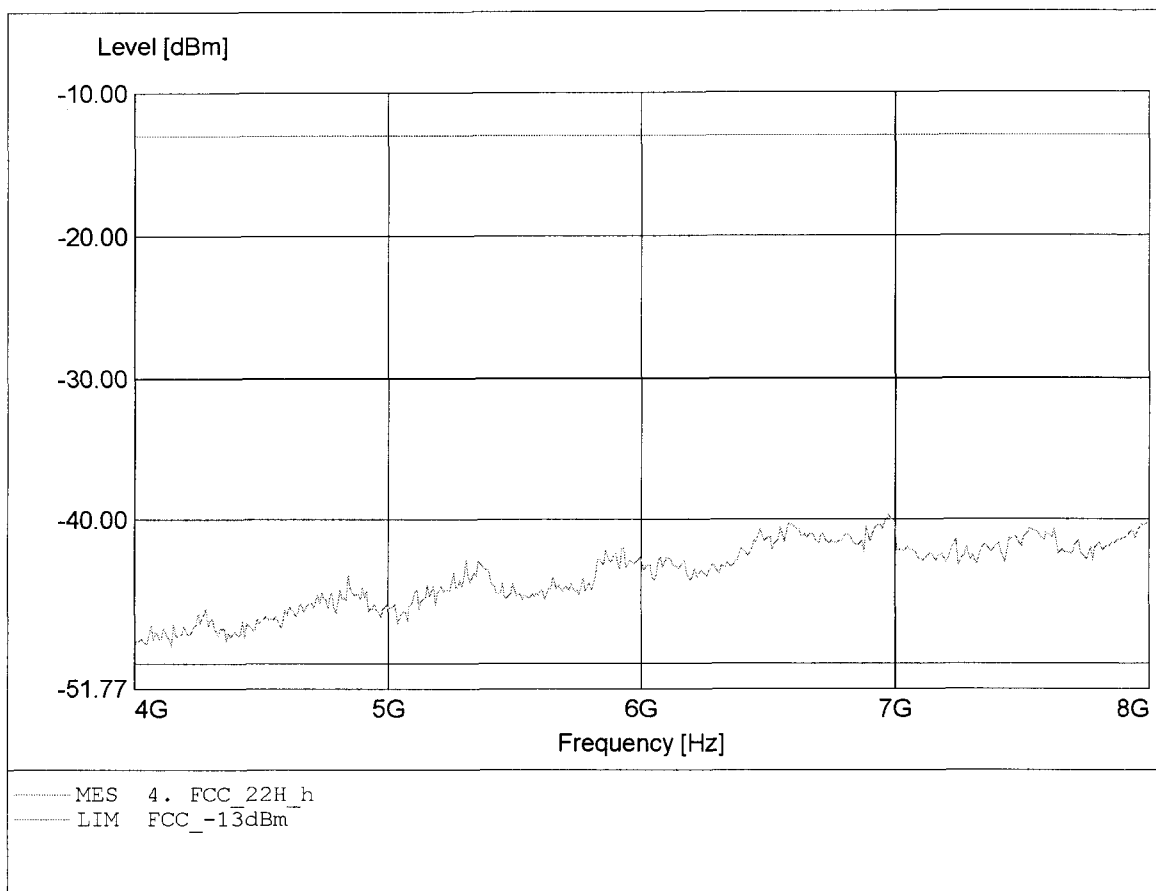
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.952GHz, Pmax: -27.72dBm, RBW: 1MHz



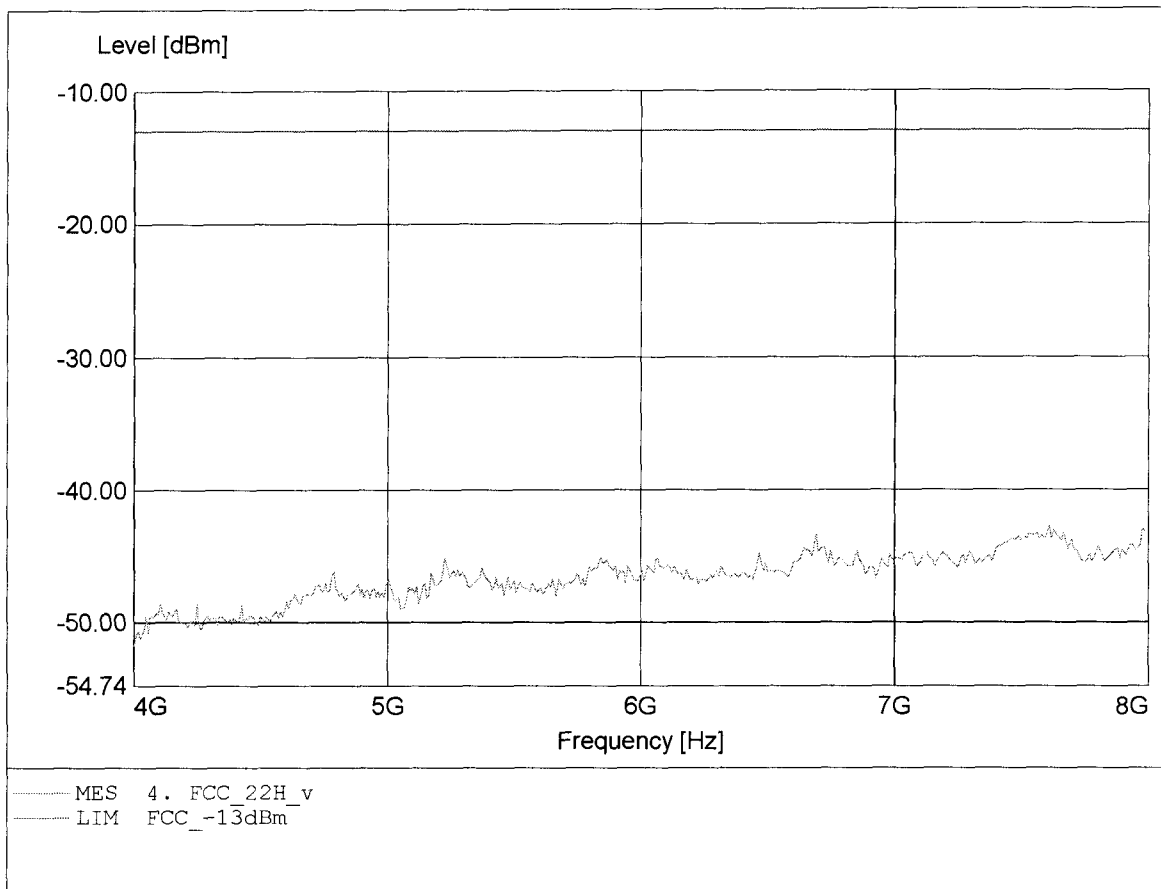
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.974GHz, Pmax: -39.67dBm, RBW: 1MHz



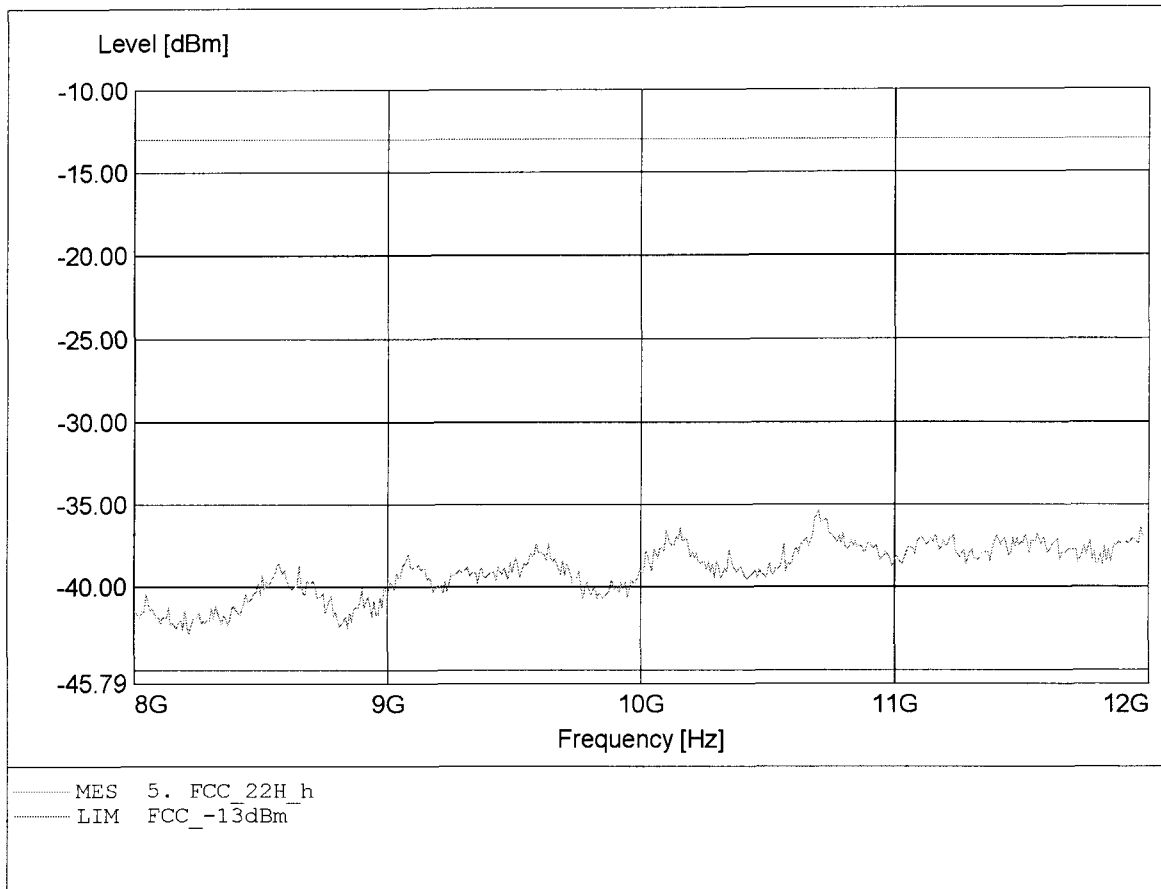
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.607GHz, Pmax: -42.83dBm, RBW: 1MHz



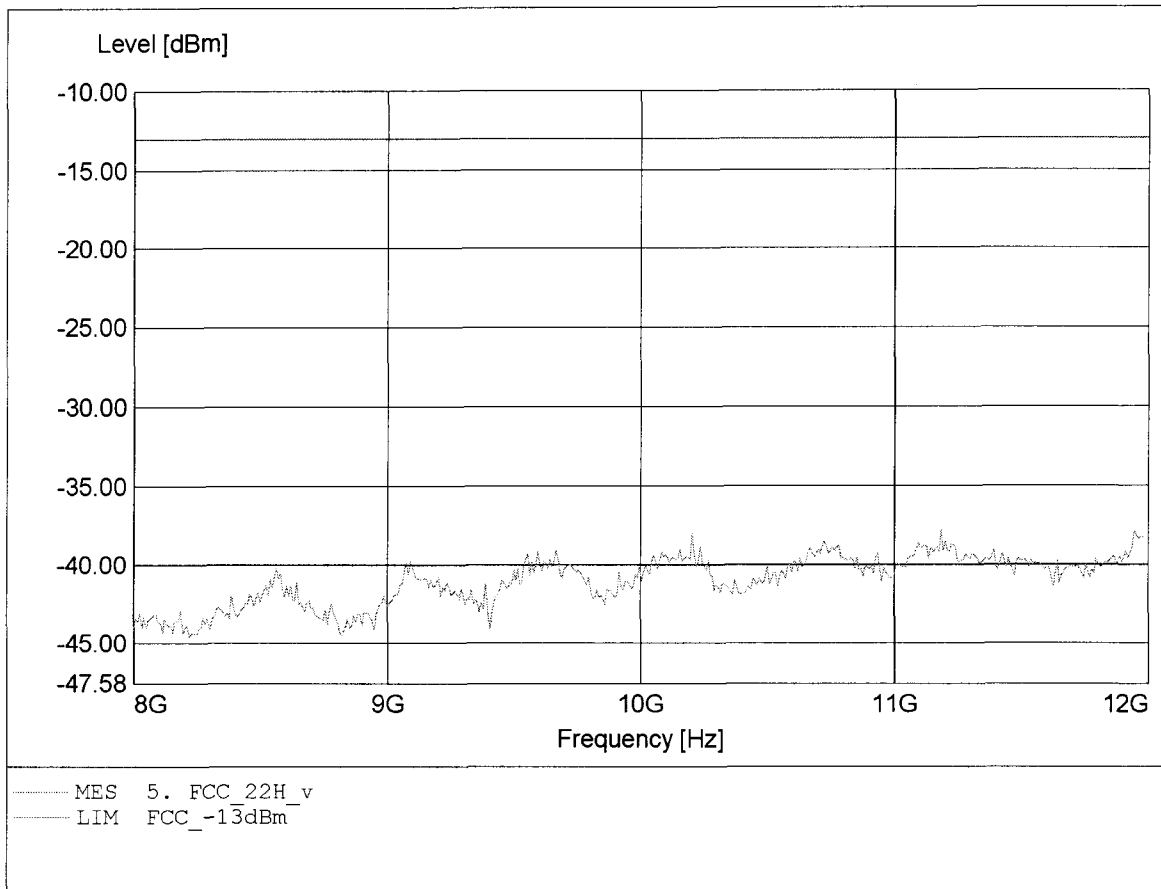
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.701GHz, Pmax: -35.40dBm, RBW: 1MHz



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

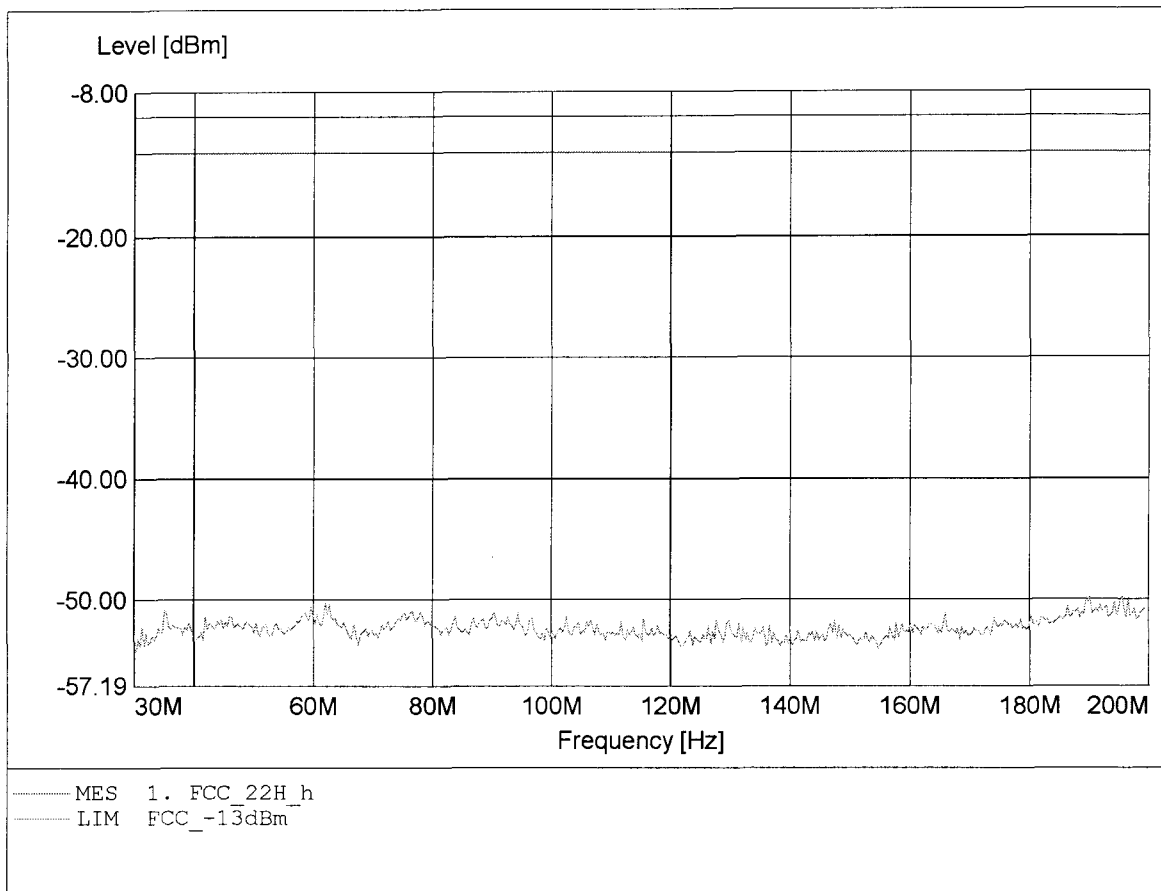
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EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.182GHz, Pmax: -37.83dBm, RBW: 1MHz





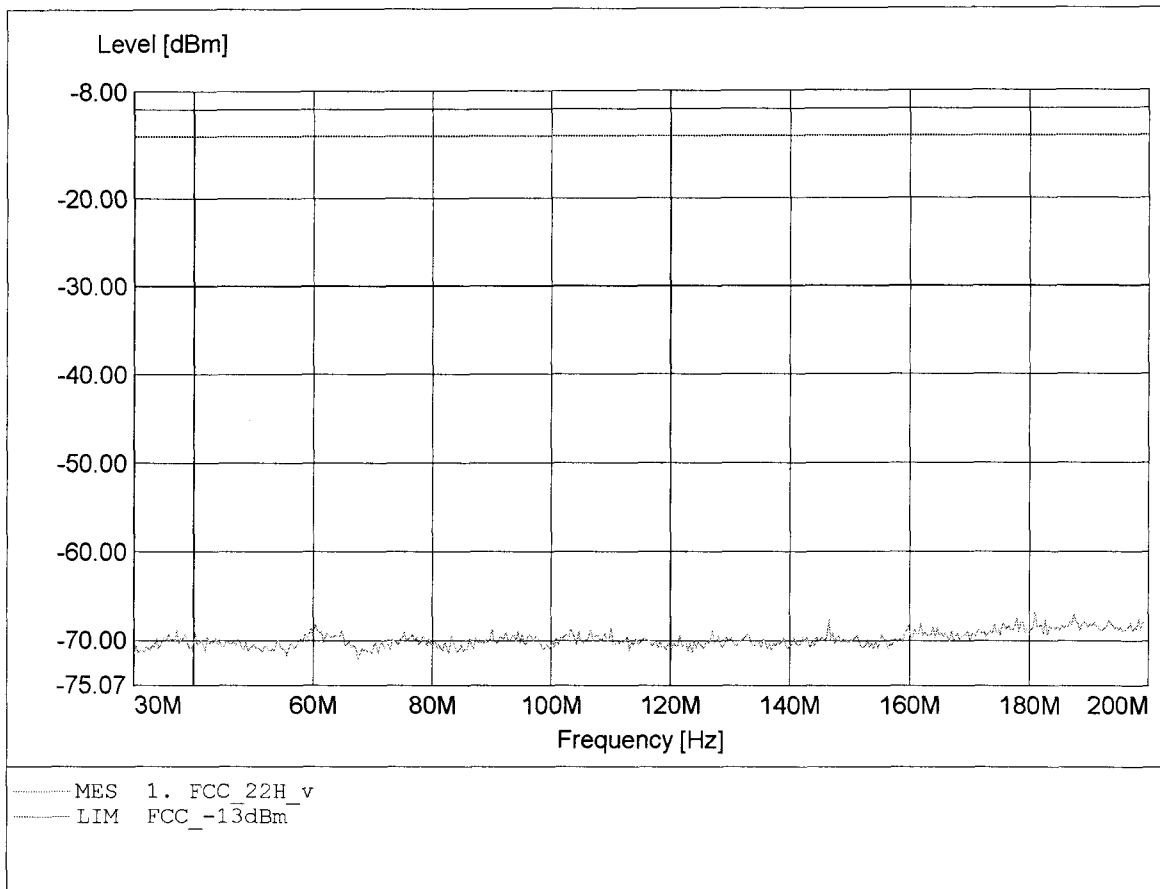
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 195.571MHz, Pmax: -49.74dBm, RBW: 100kHz



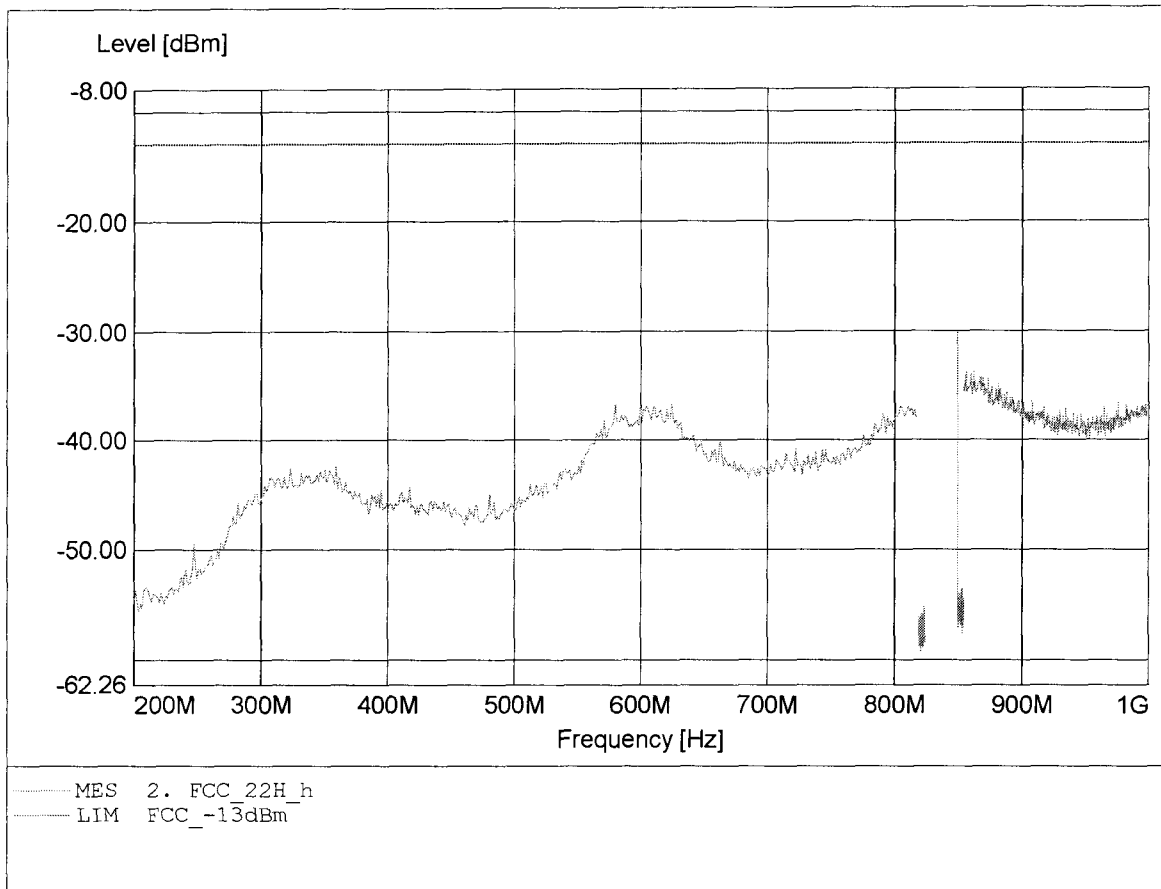
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 180.922MHz, Pmax: -66.76dBm, RBW: 100kHz



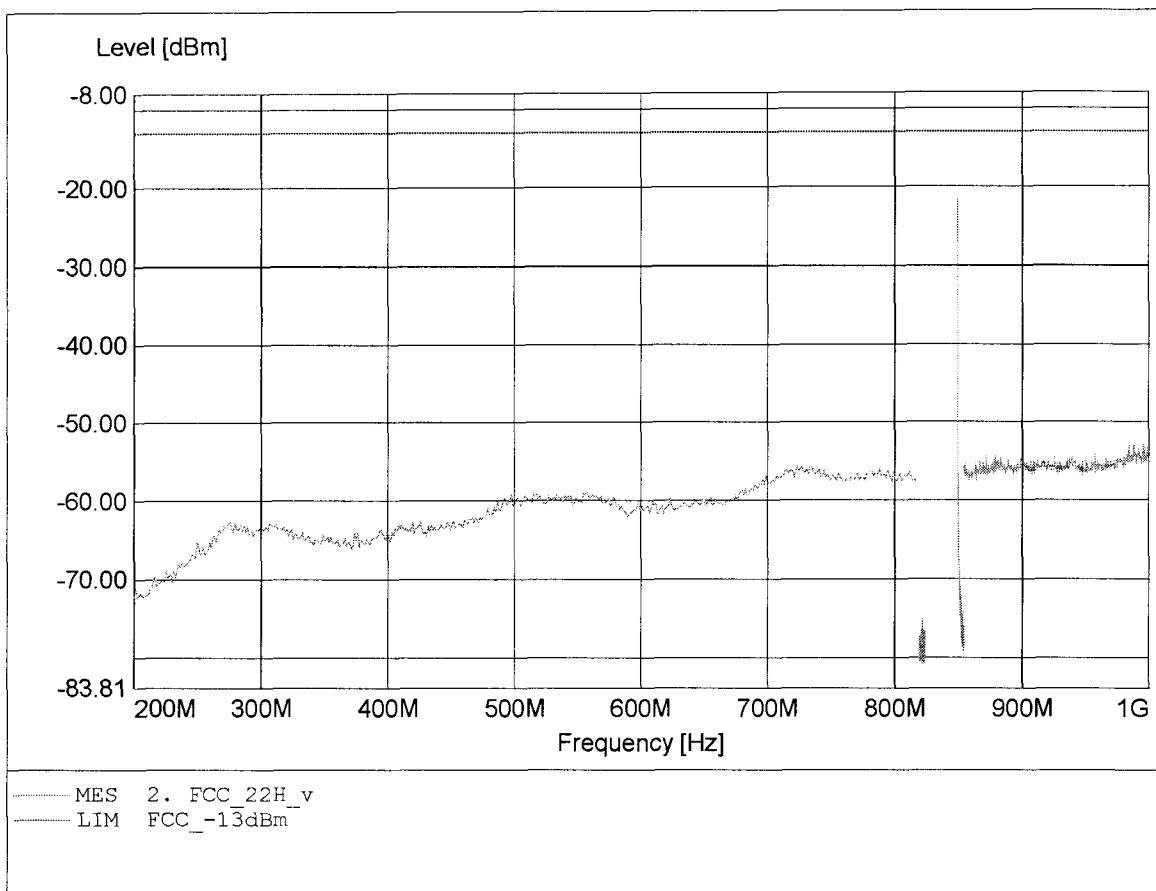
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 849.010MHz, Pmax: -30.08dBm, RBW: 100kHz



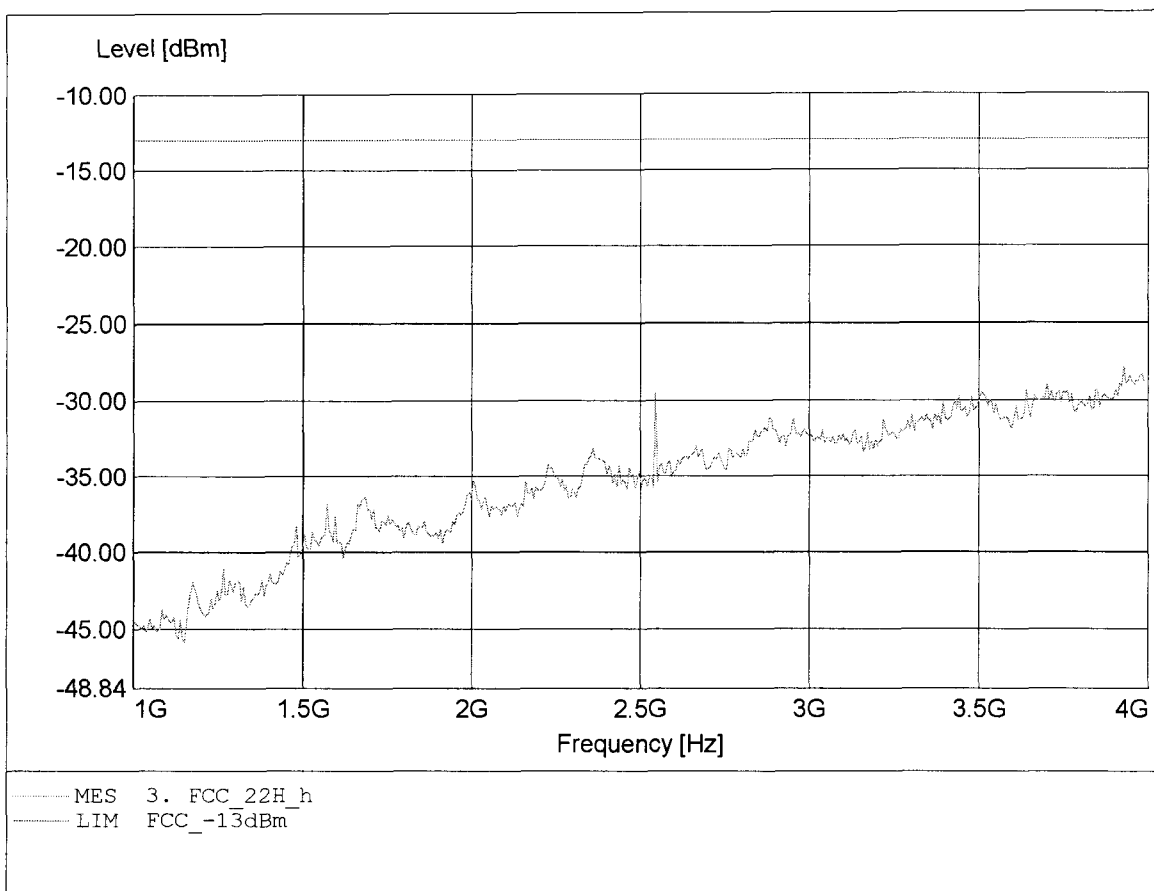
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 849.010MHz, Pmax: -21.68dBm, RBW: 100kHz



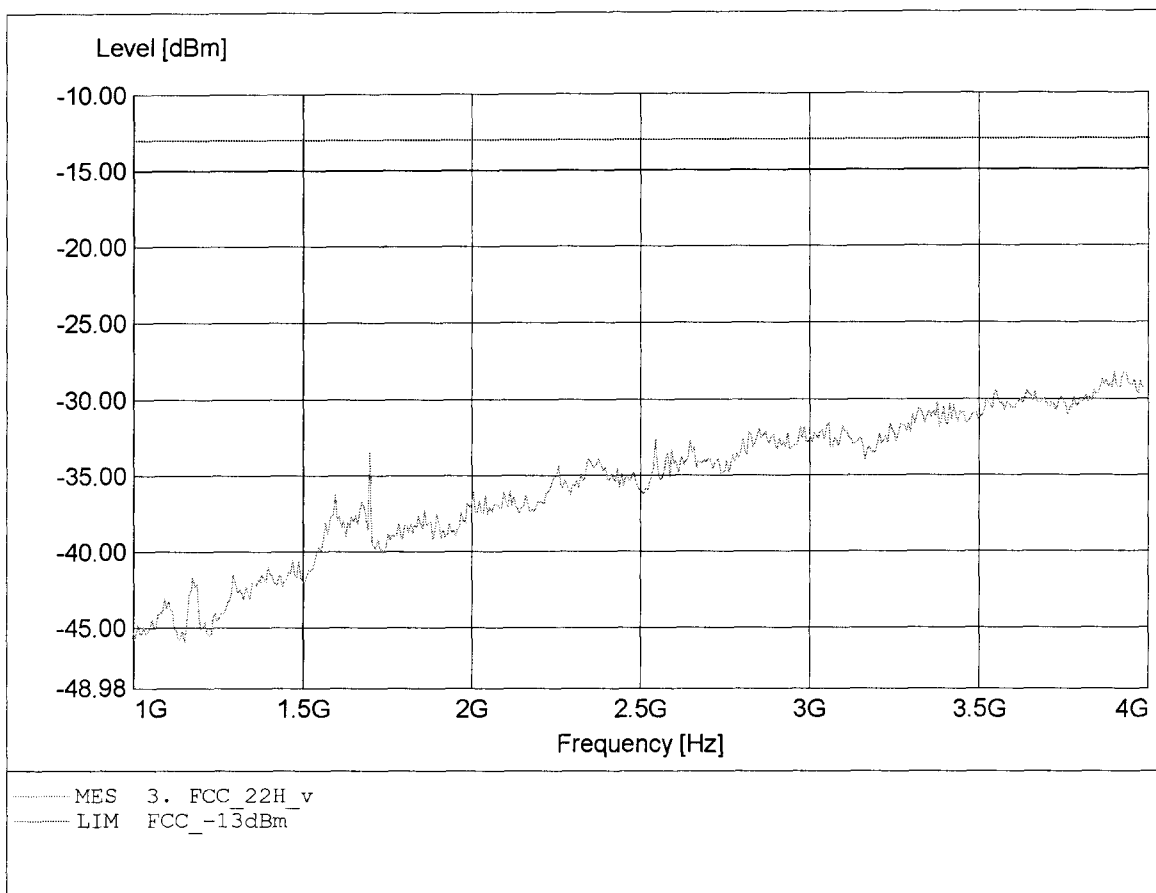
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.928GHz, Pmax: -27.77dBm, RBW: 1MHz



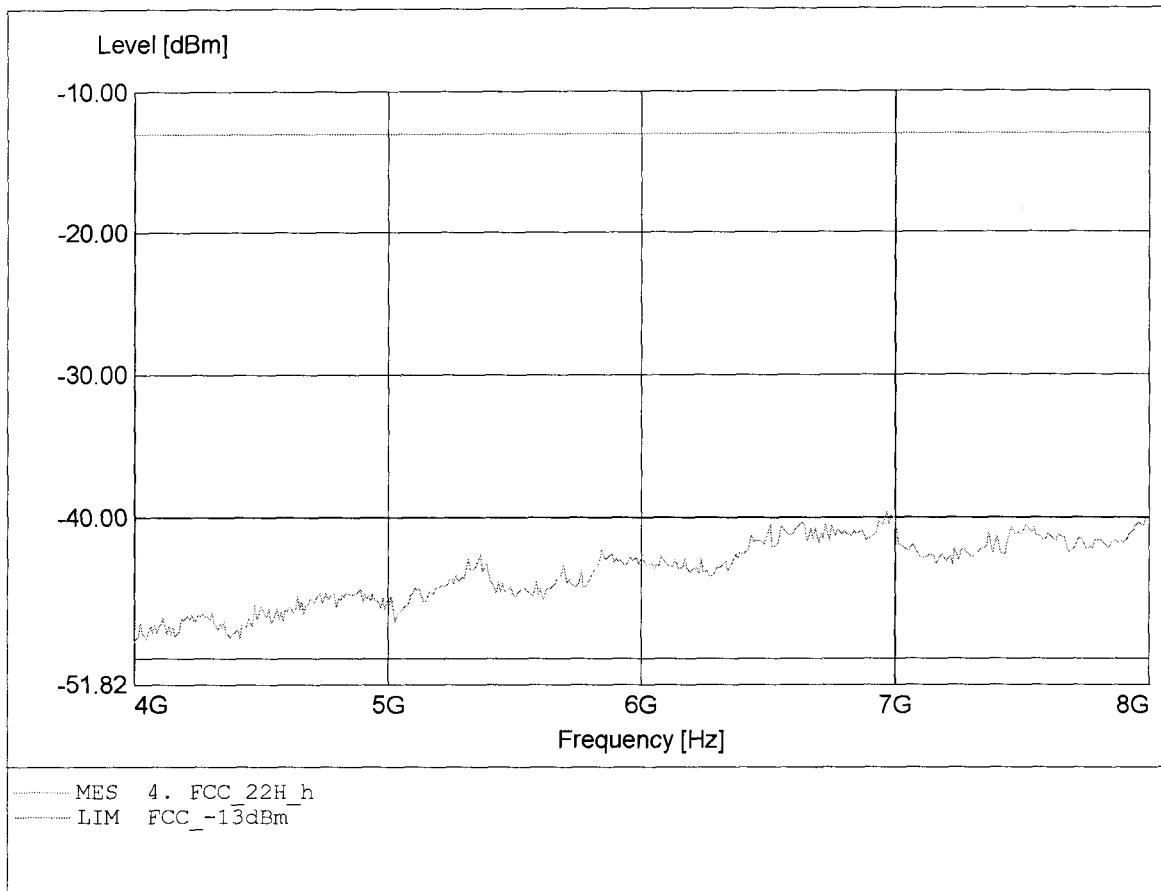
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.898GHz, Pmax: -28.20dBm, RBW: 1MHz



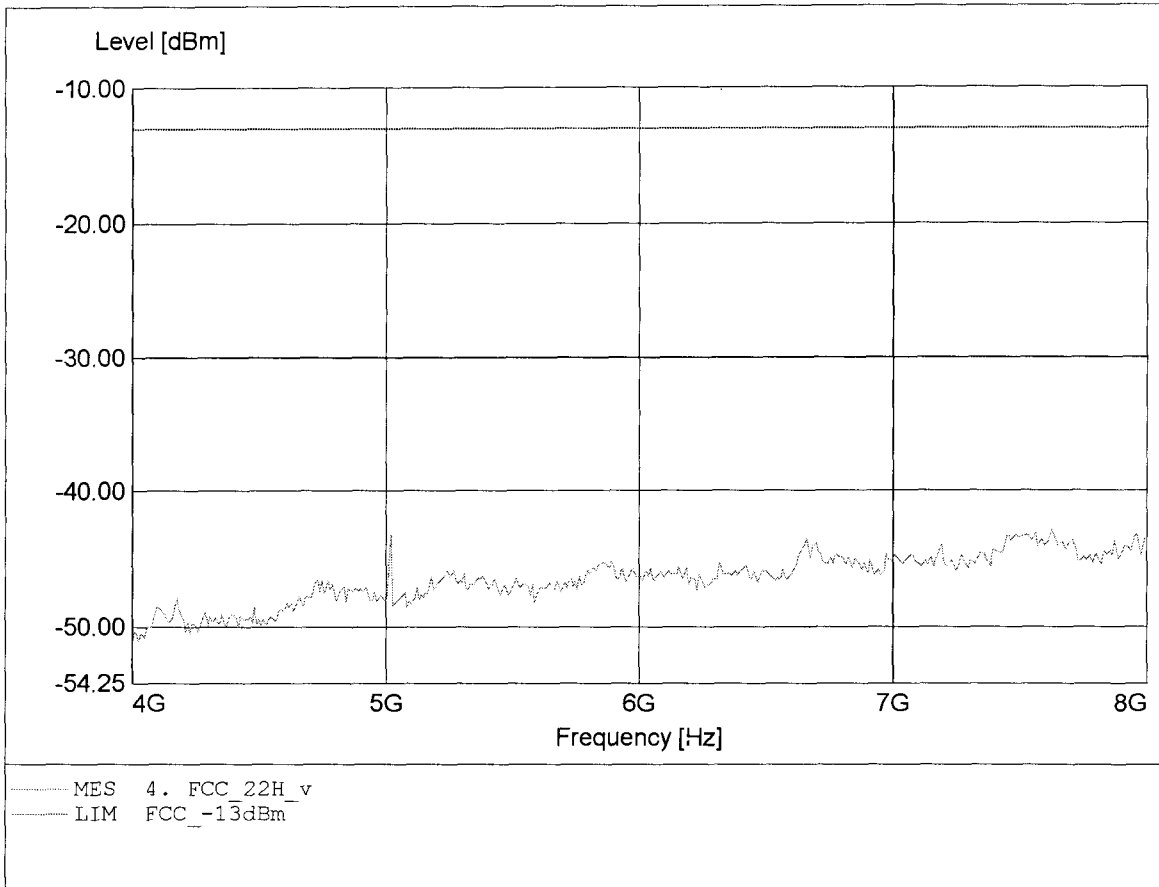
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.966GHz, Pmax: -39.59dBm, RBW: 1MHz



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

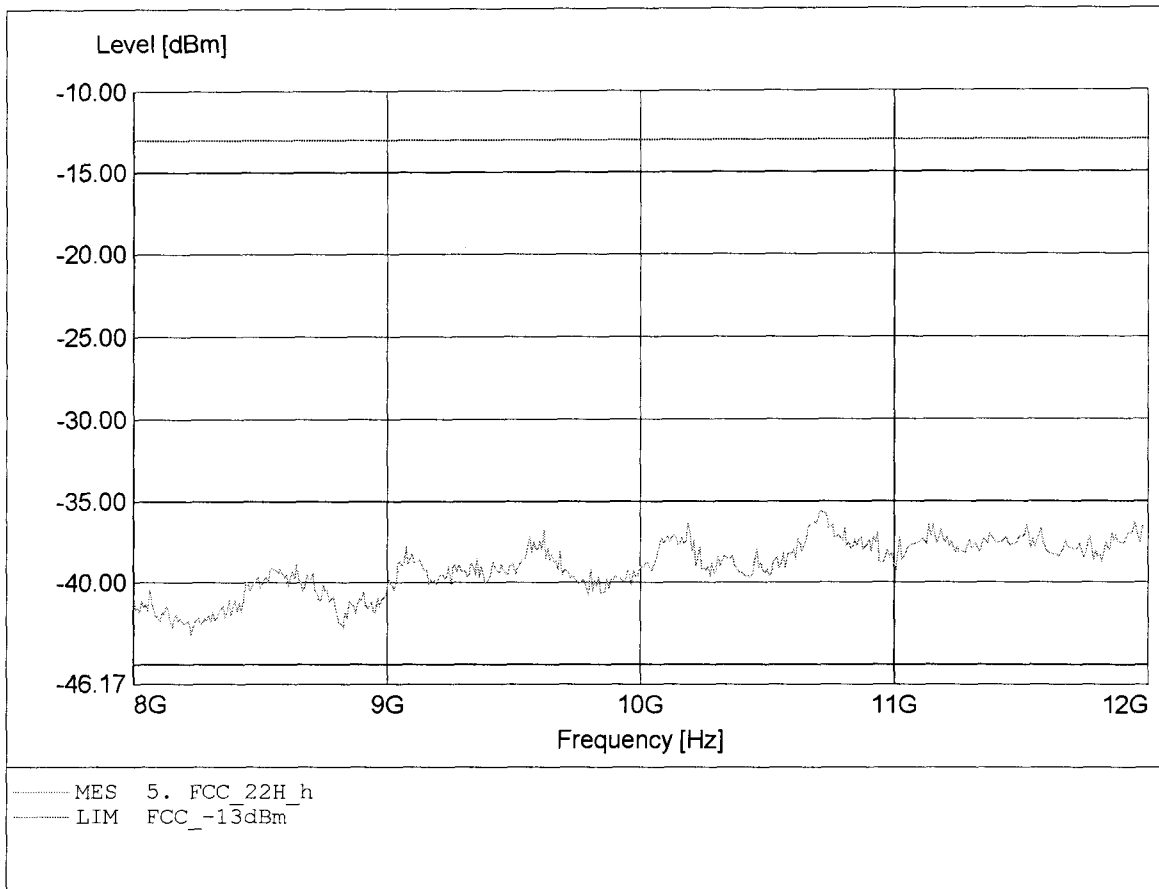
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EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.623GHz, Pmax: -42.92dBm, RBW: 1MHz





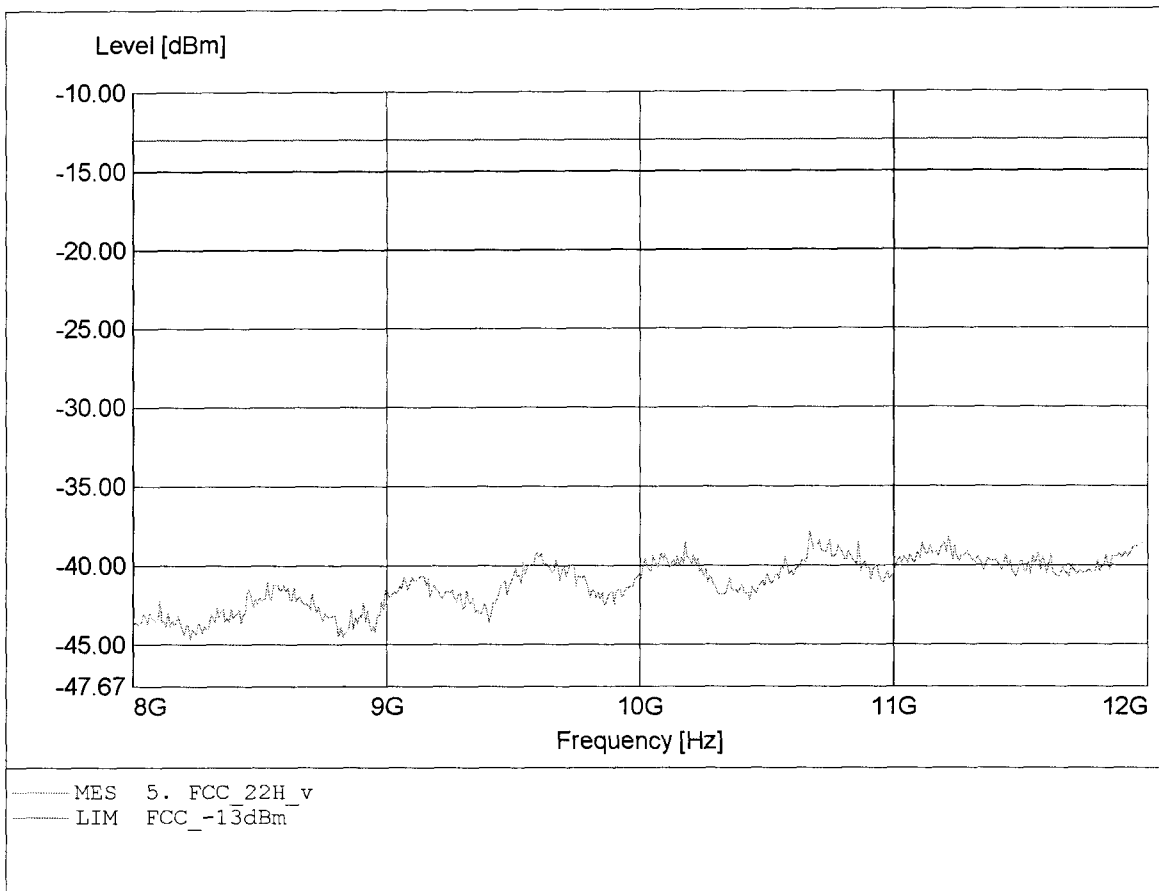
**Radiated Emissions Tx**  
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Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.709GHz, Pmax: -35.62dBm, RBW: 1MHz



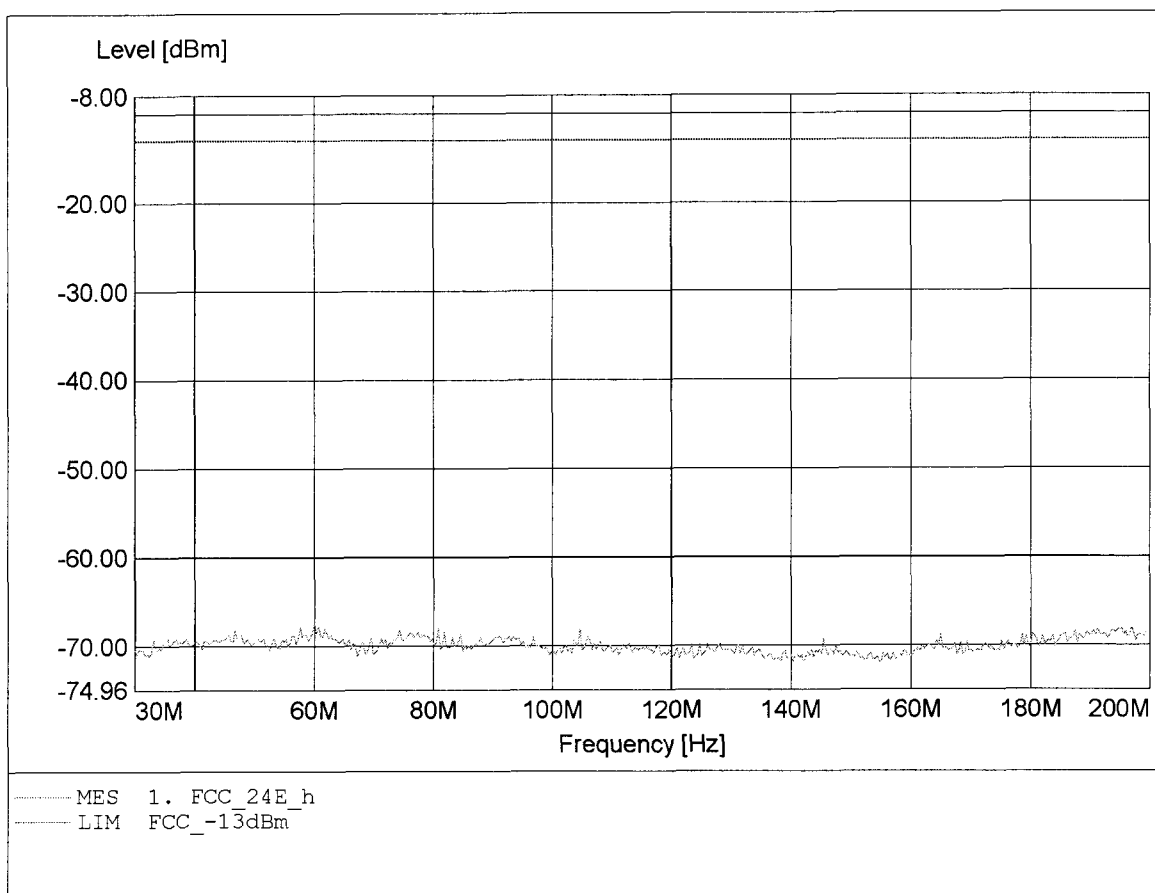
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.669GHz, Pmax: -37.86dBm, RBW: 1MHz



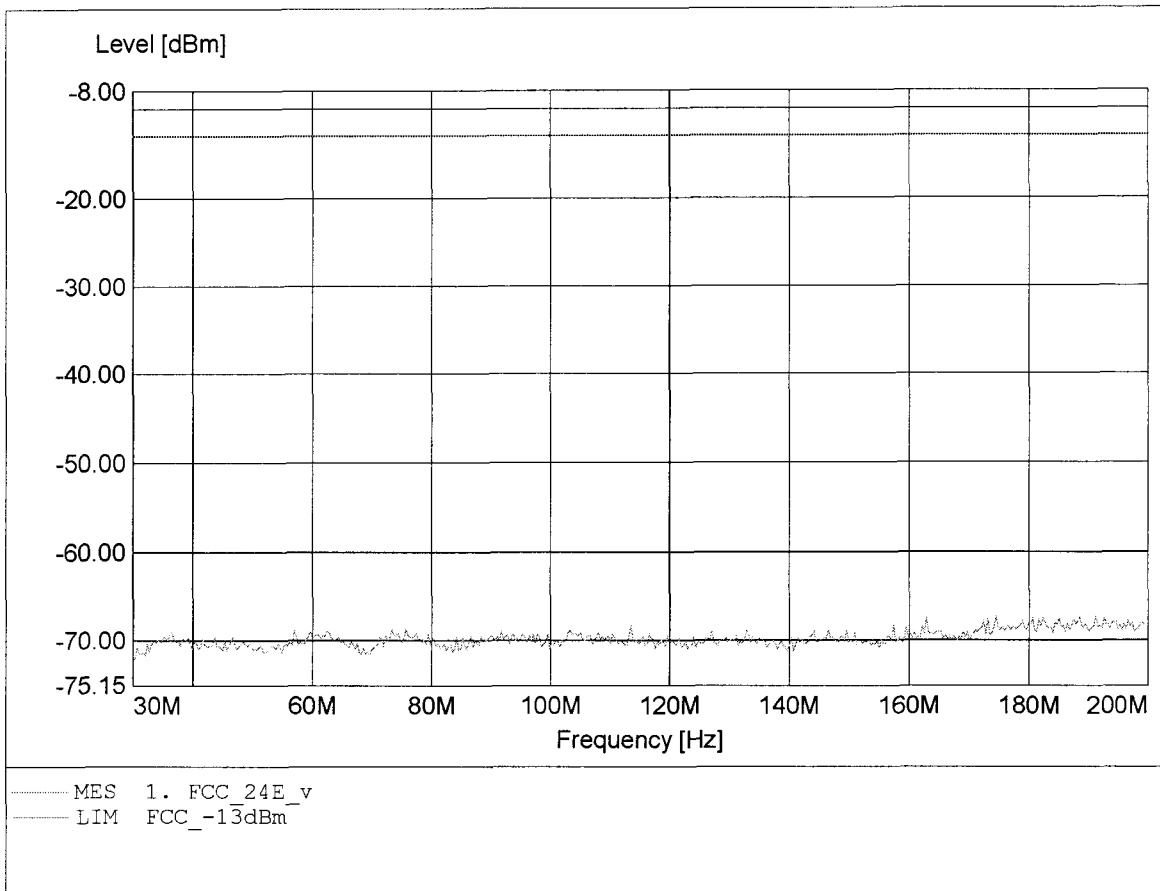
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 59.980MHz, Pmax: -67.40dBm, RBW: 100kHz



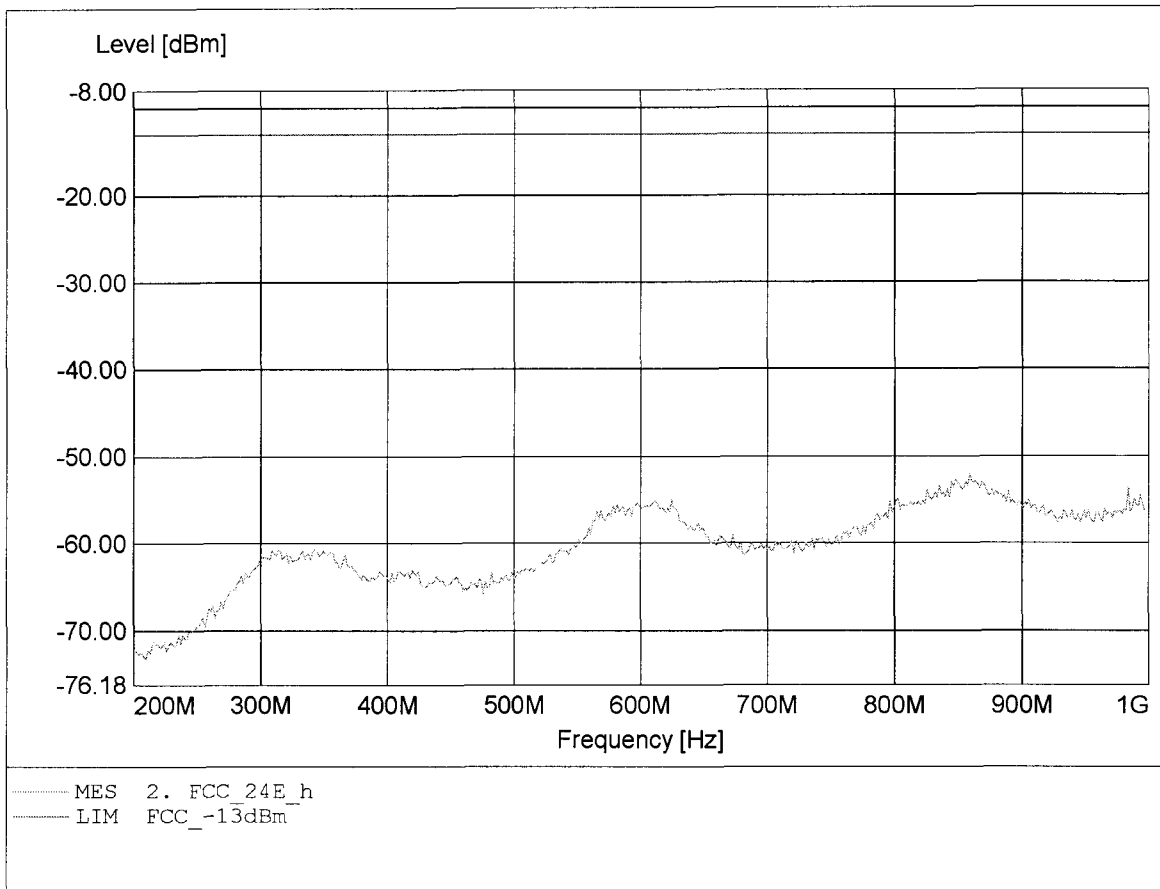
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 191.142MHz, Pmax: -67.25dBm, RBW: 100kHz



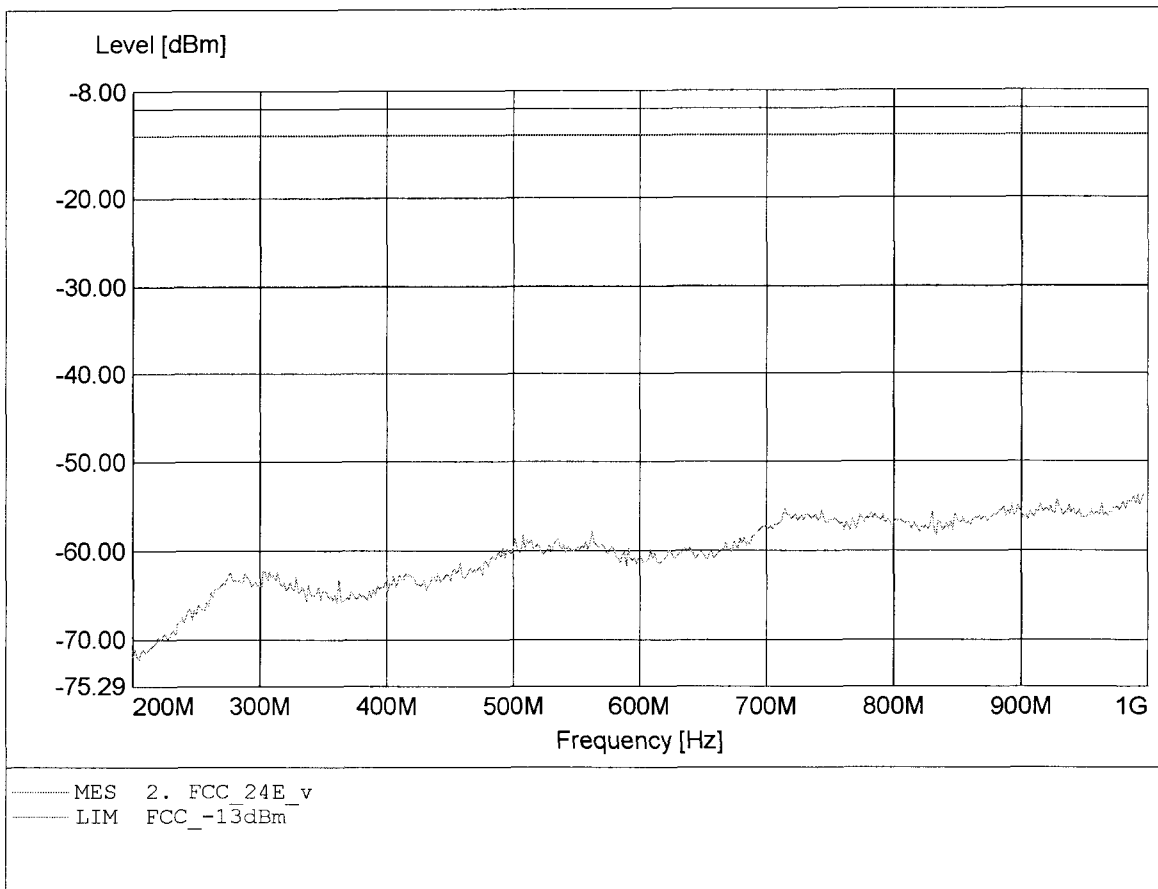
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 858.918MHz, Pmax: -52.09dBm, RBW: 100kHz



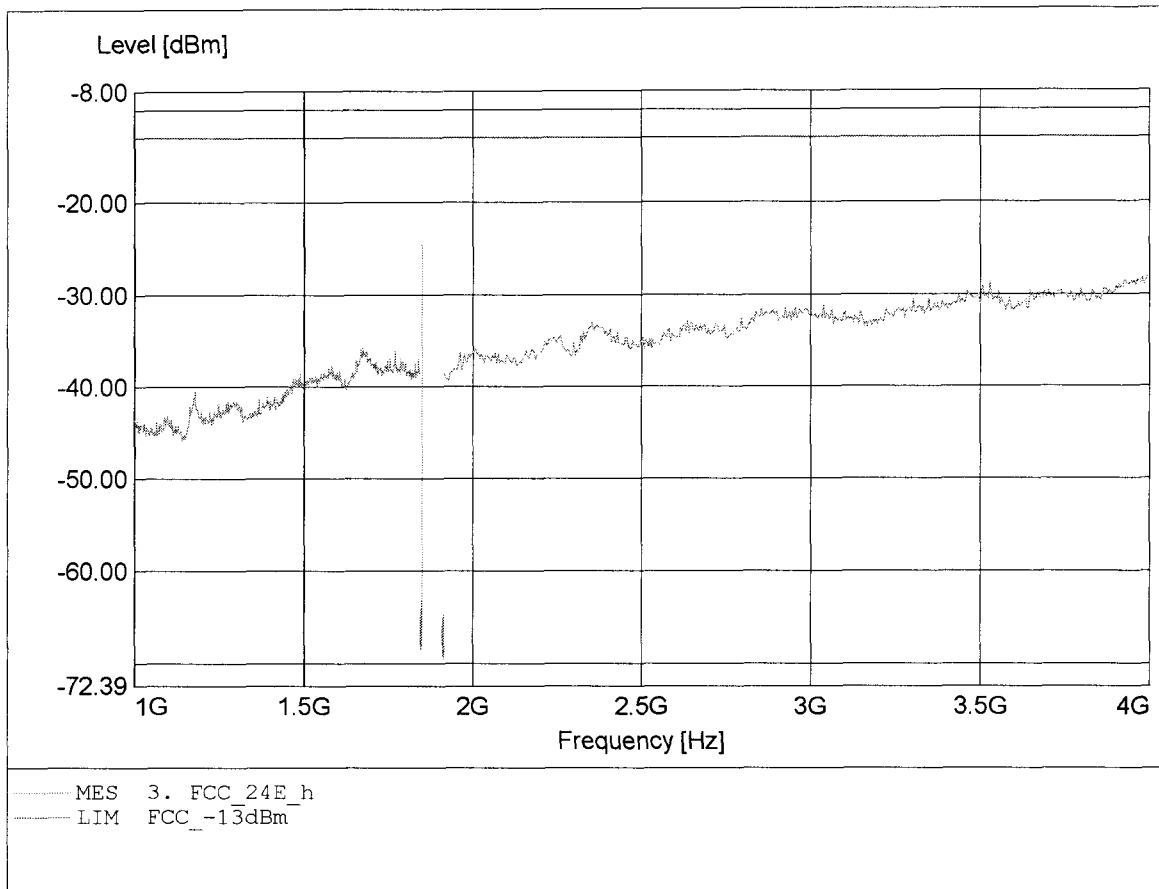
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 996.794MHz, Pmax: -53.62dBm, RBW: 100kHz



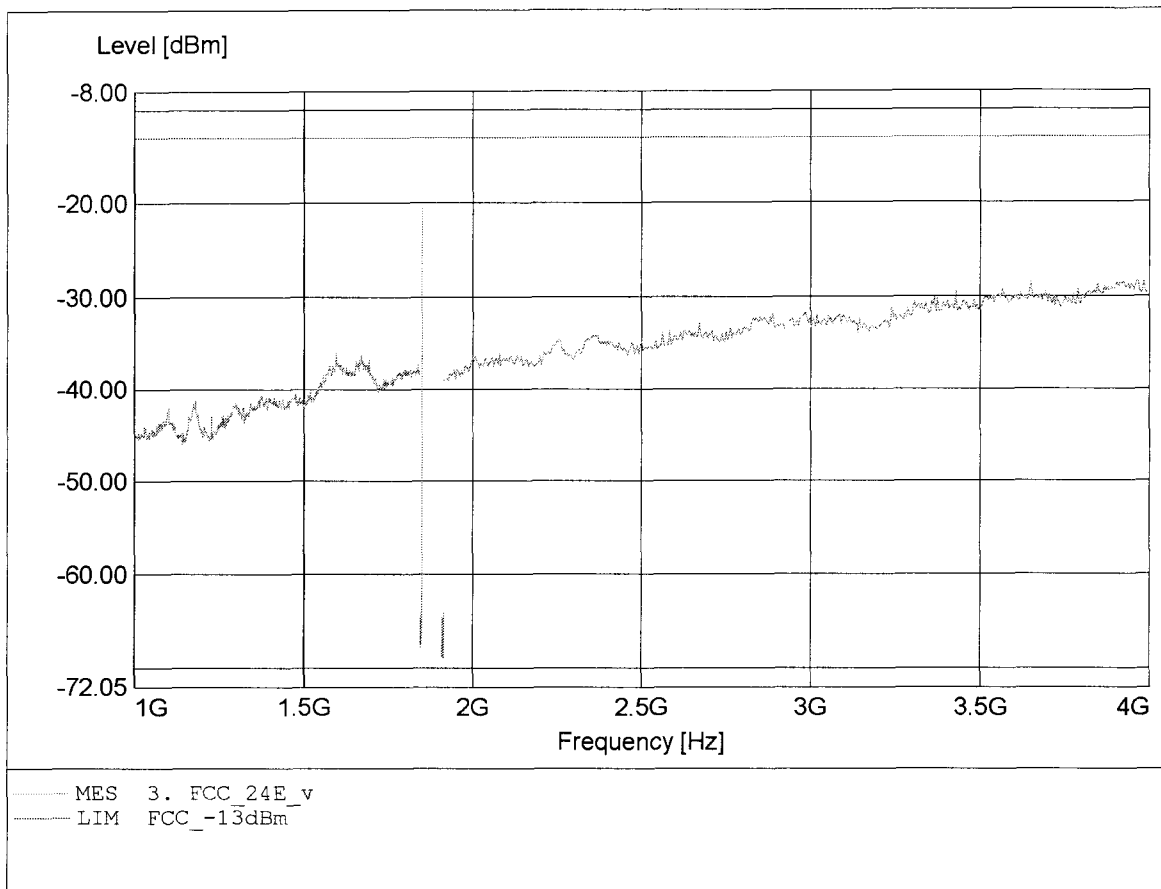
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.850GHz, Pmax: -24.36dBm, RBW: 1MHz/3kHz



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

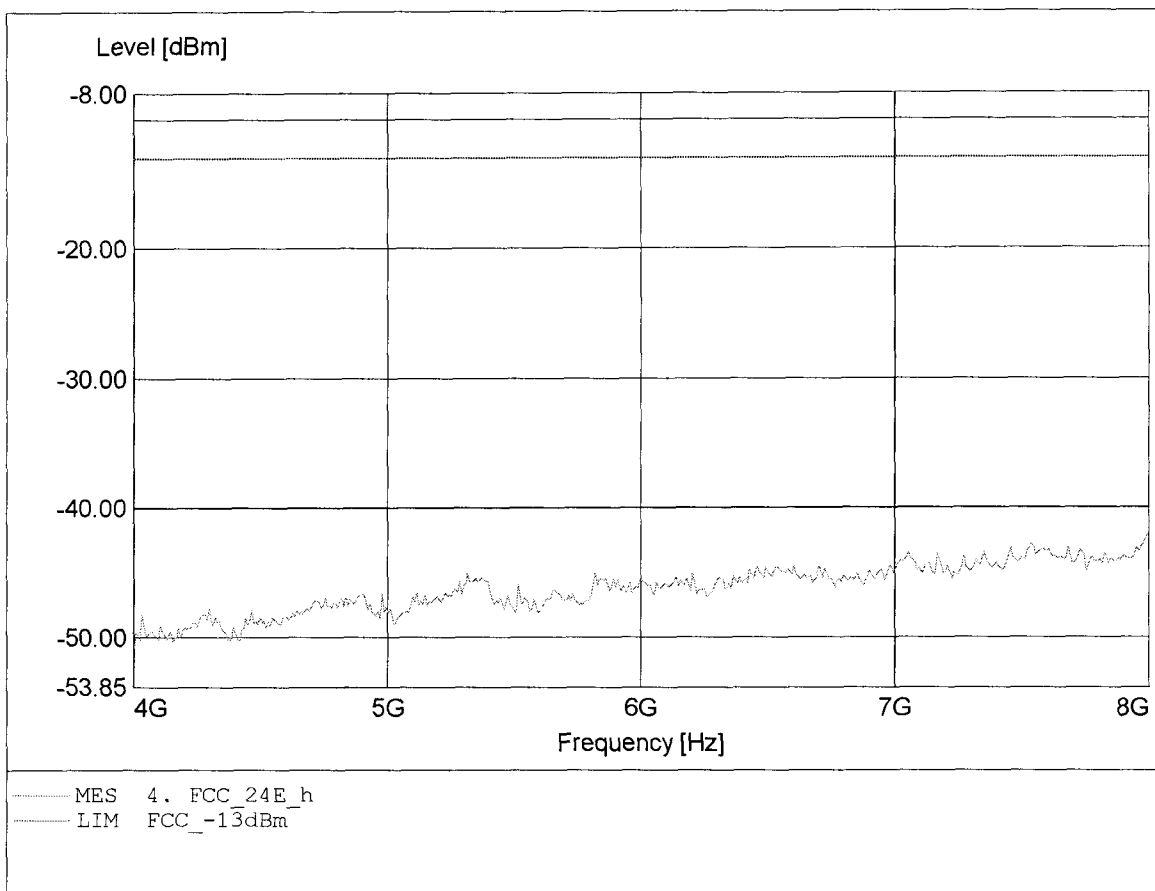
Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.850GHz, Pmax: -20.65dBm, RBW: 1MHz/3kHz





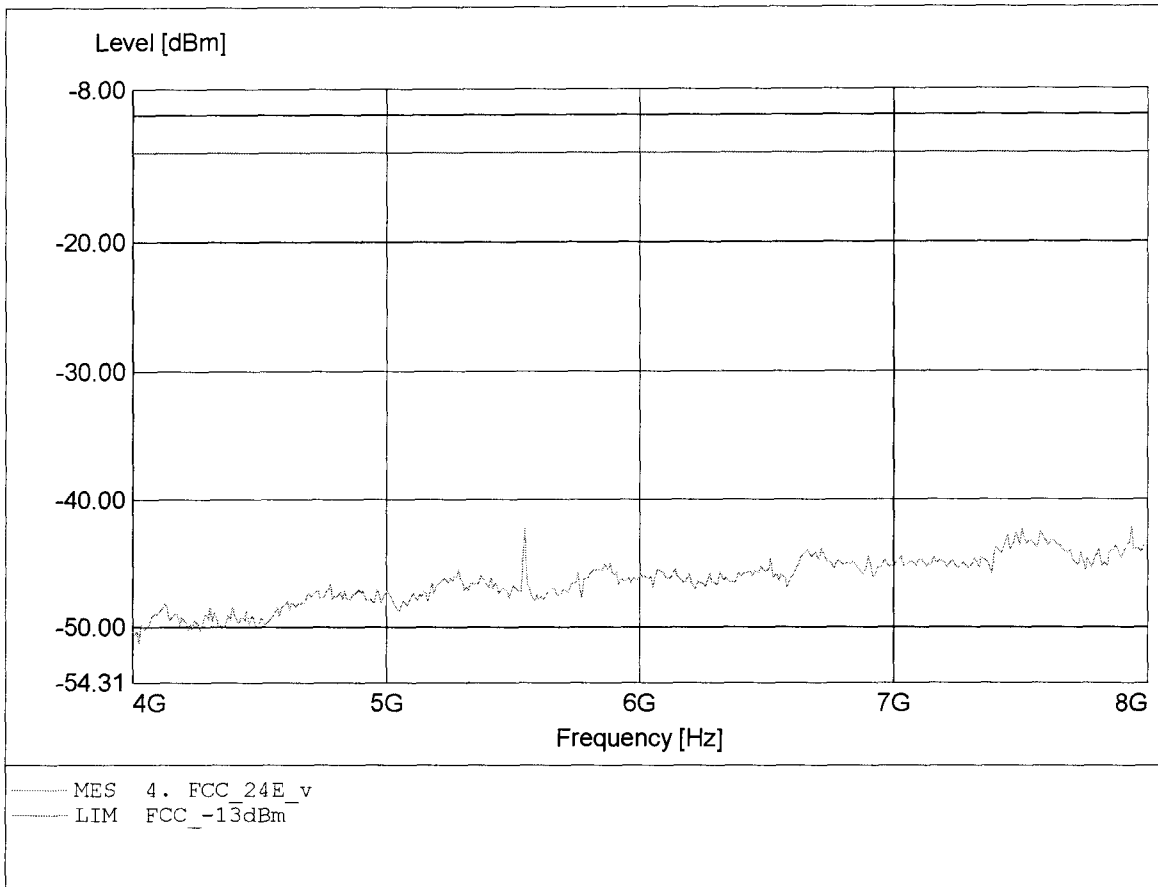
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.992GHz, Pmax: -42.17dBm, RBW: 1MHz



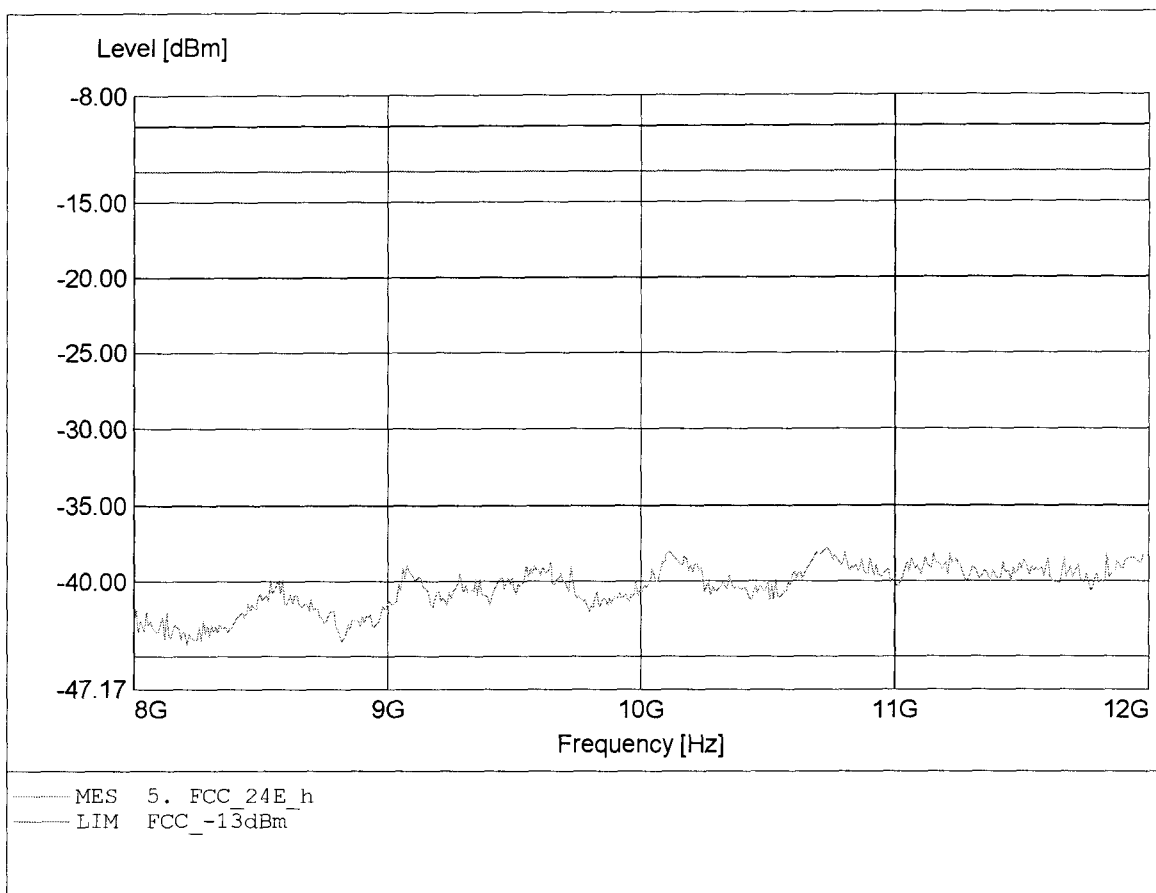
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.547GHz, Pmax: -42.12dBm, RBW: 1MHz



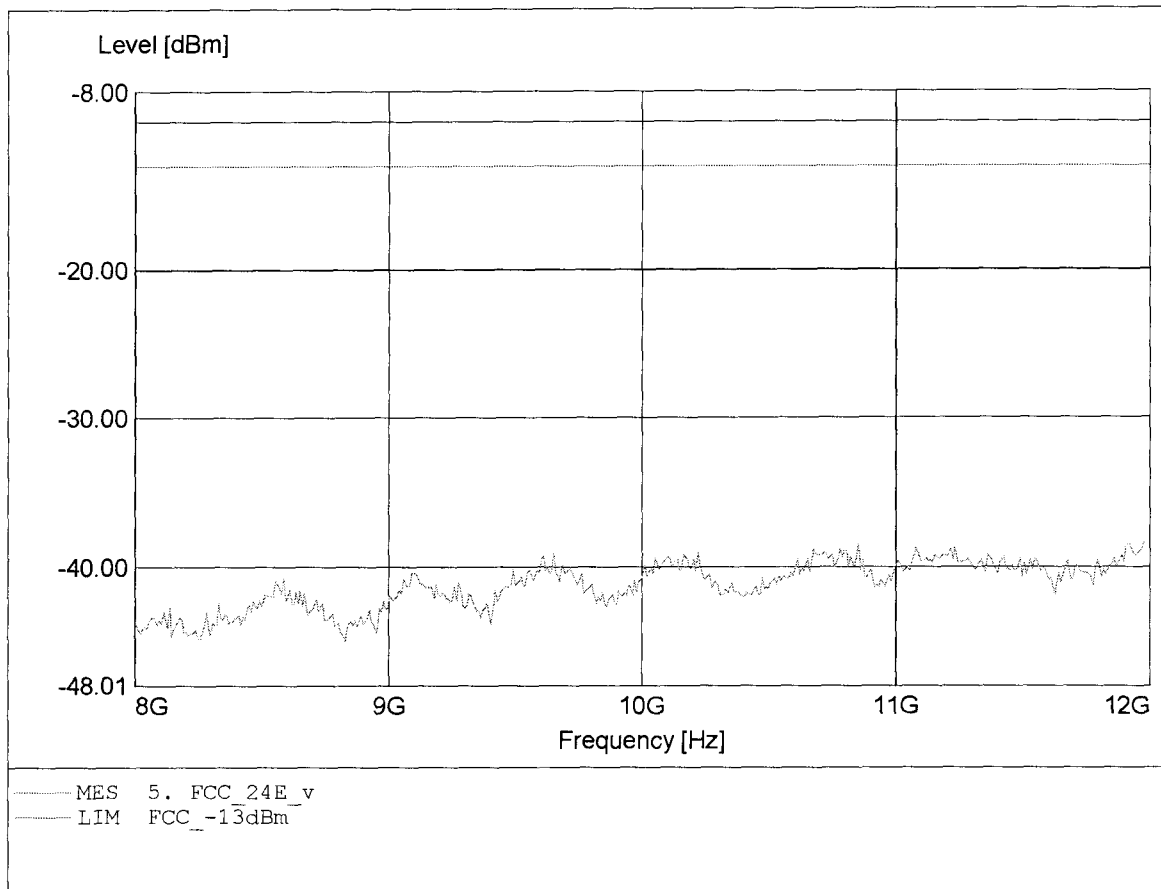
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.733GHz, Pmax: -37.71dBm, RBW: 1MHz



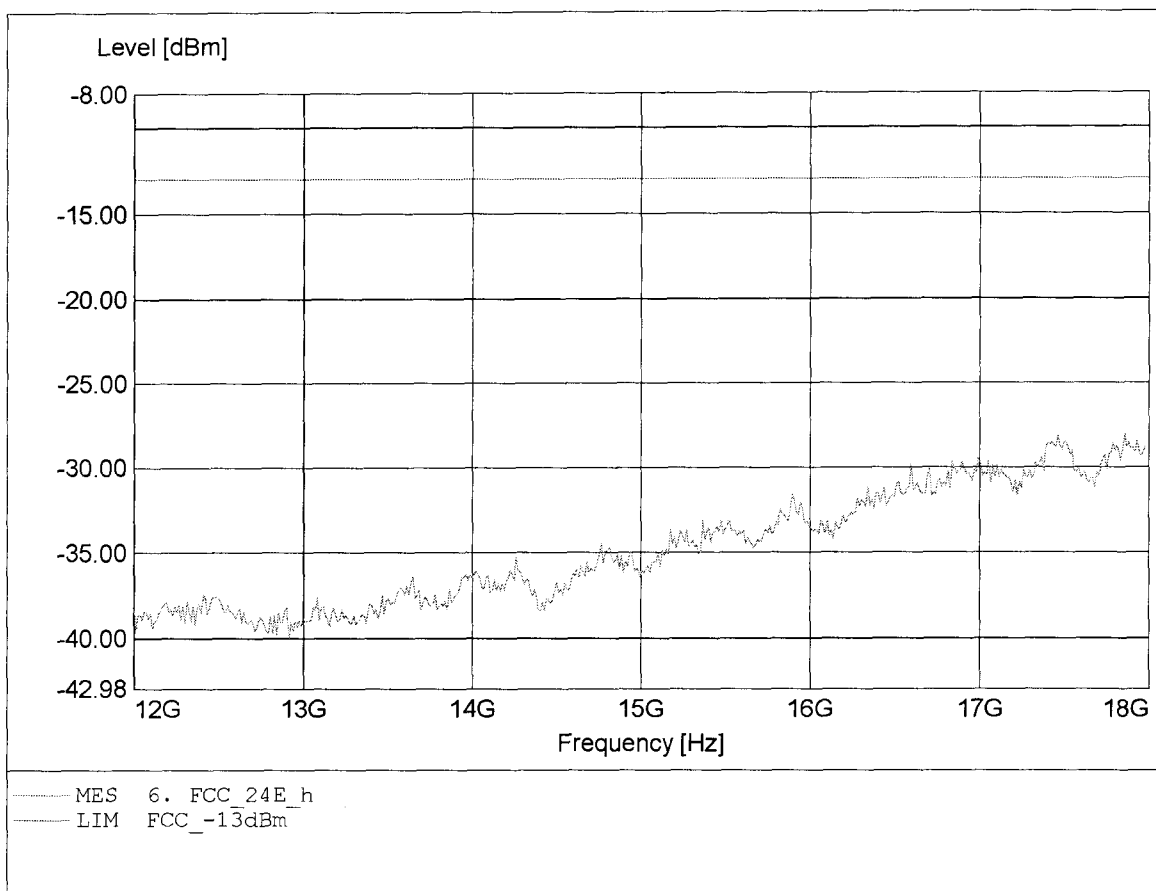
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.976GHz, Pmax: -38.31dBm, RBW: 1MHz



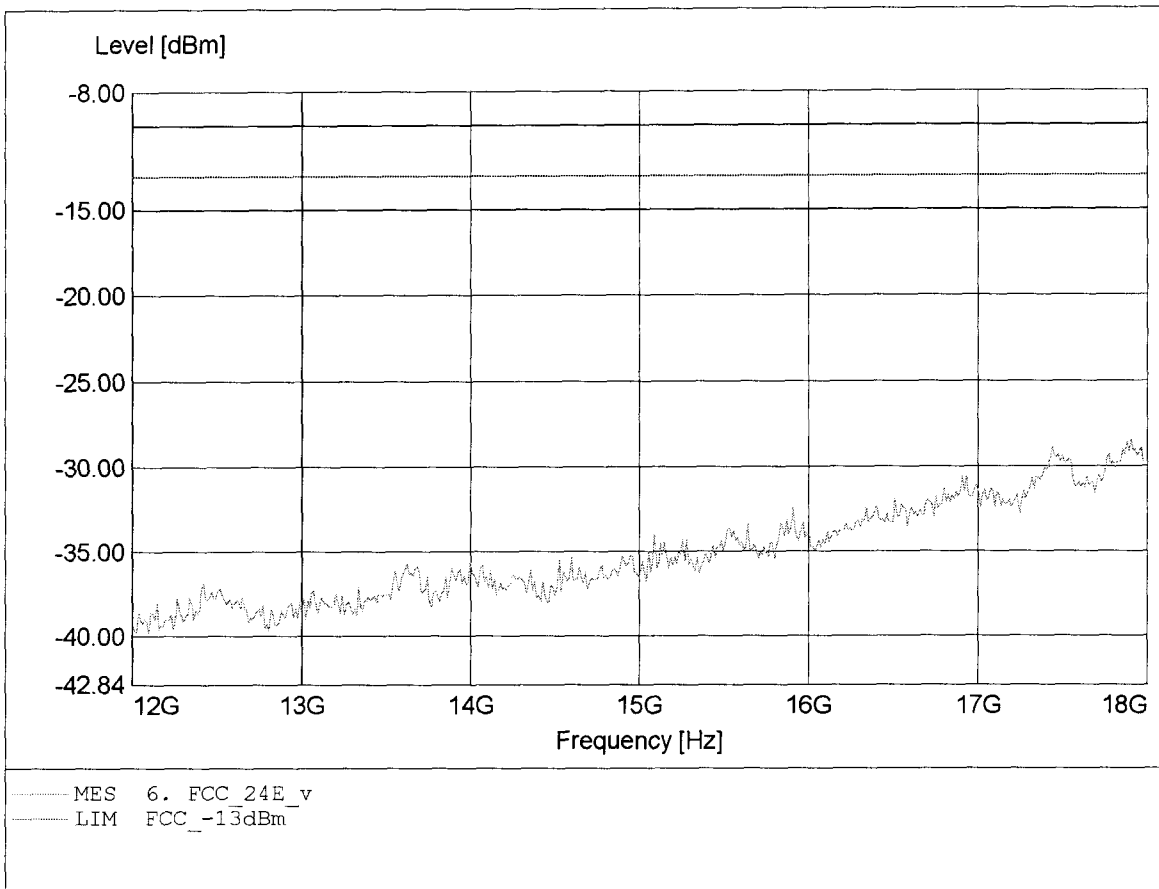
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.856GHz, Pmax: -28.04dBm, RBW: 1MHz



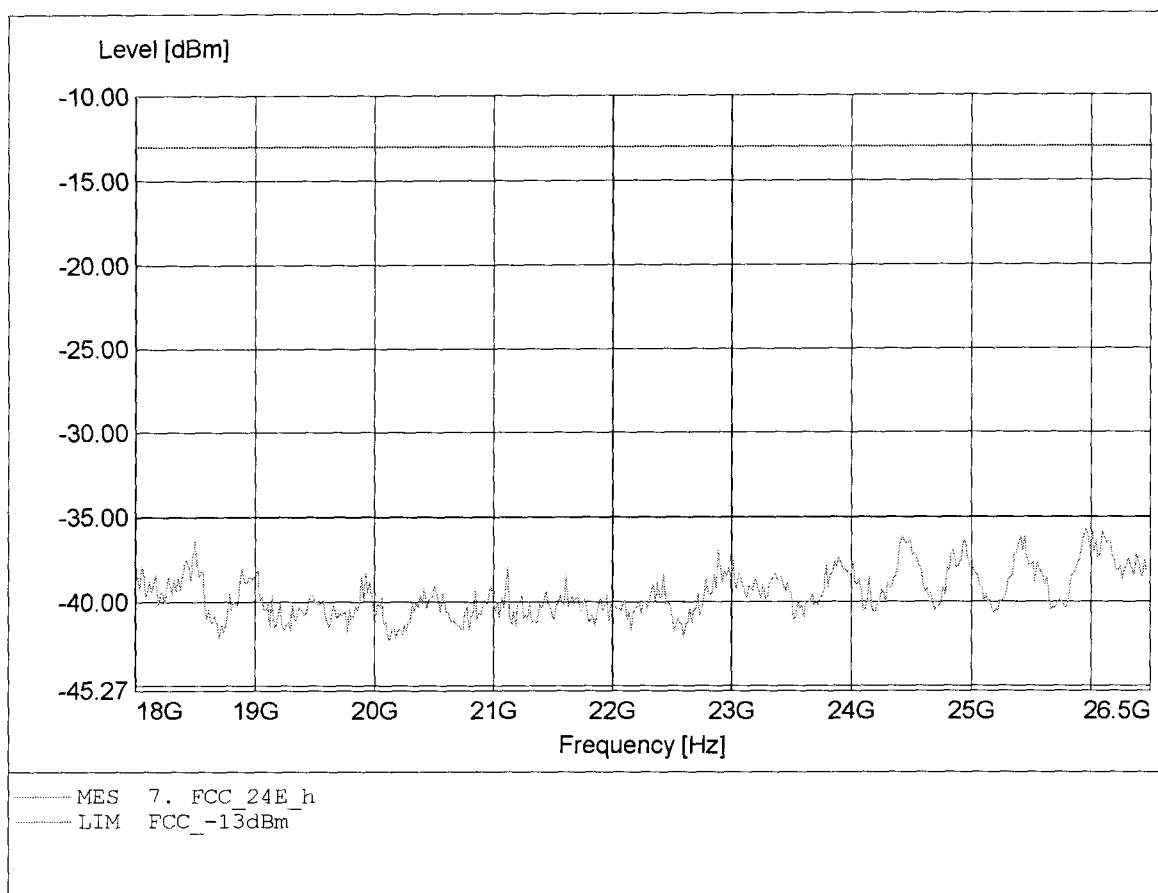
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
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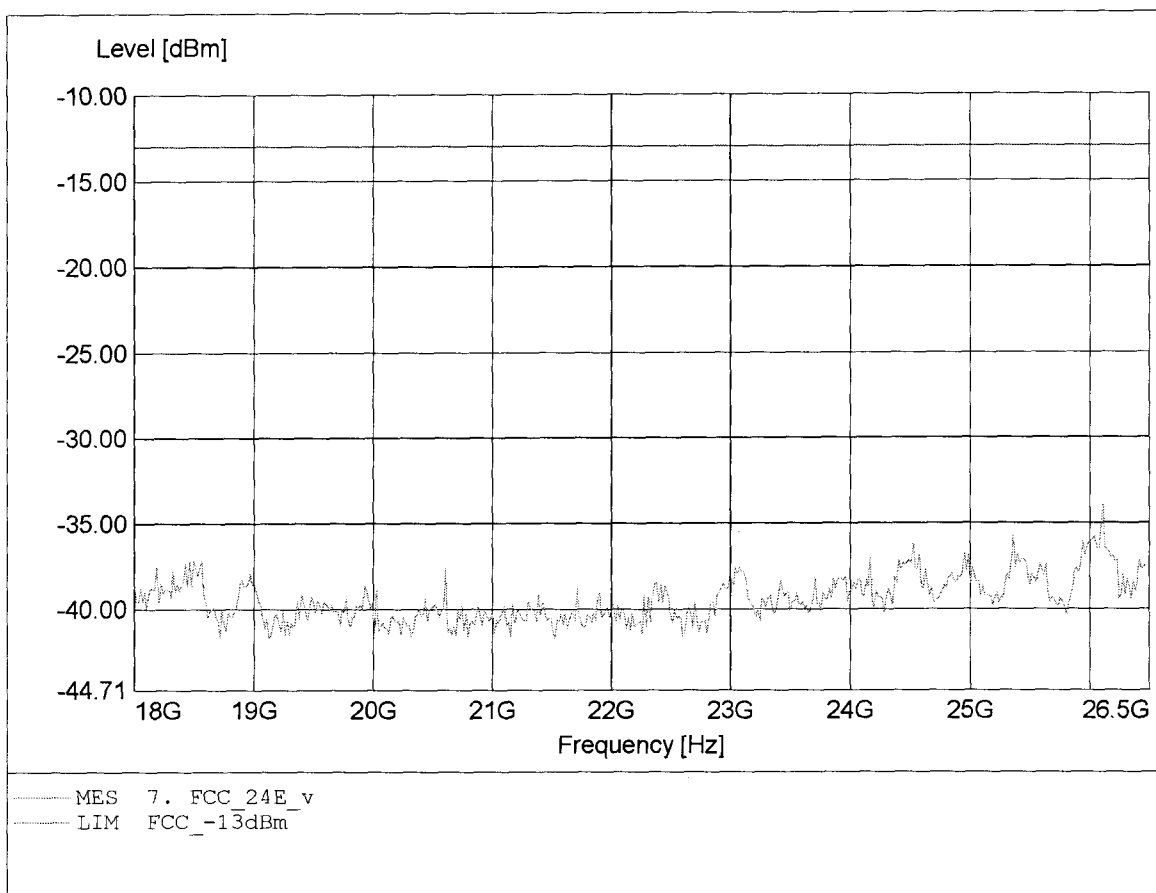
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 25.955GHz, Pmax: -35.72dBm, RBW: 1MHz



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

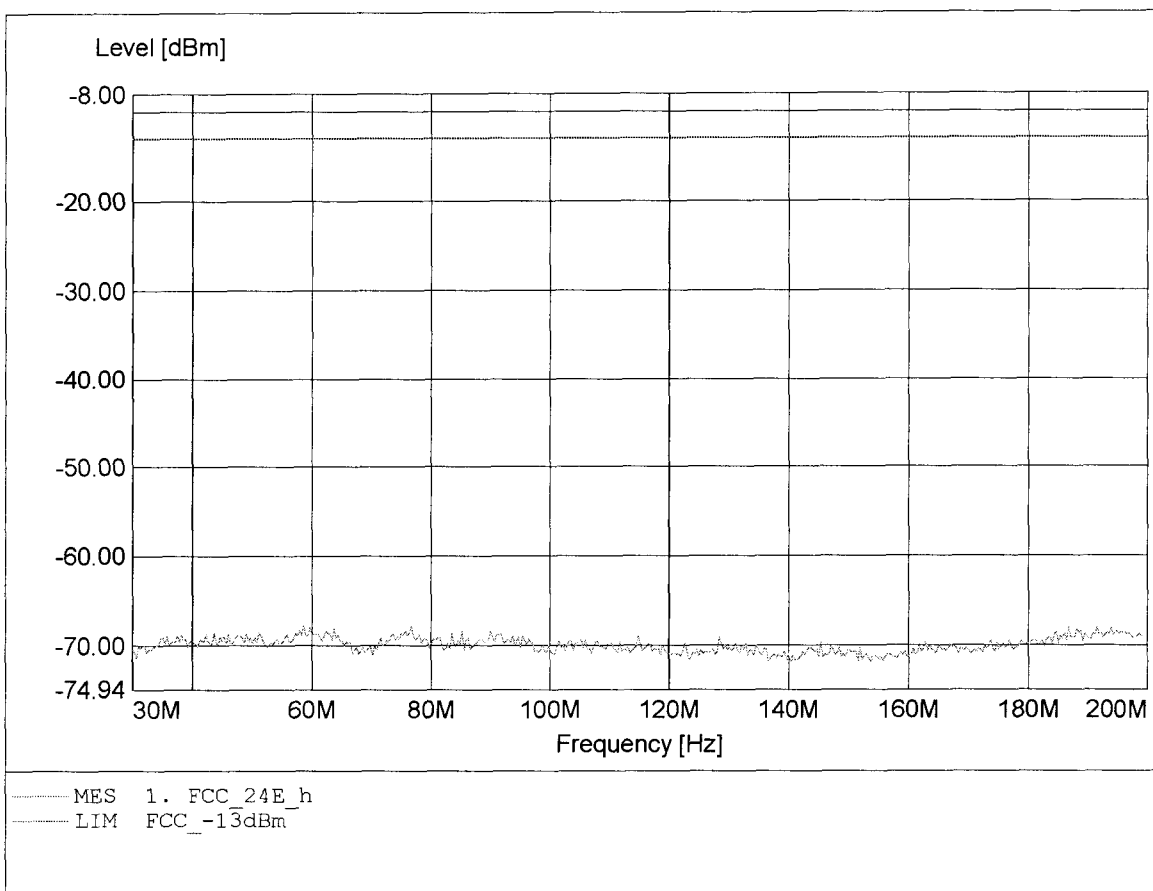
Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.108GHz, Pmax: -33.95dBm, RBW: 1MHz





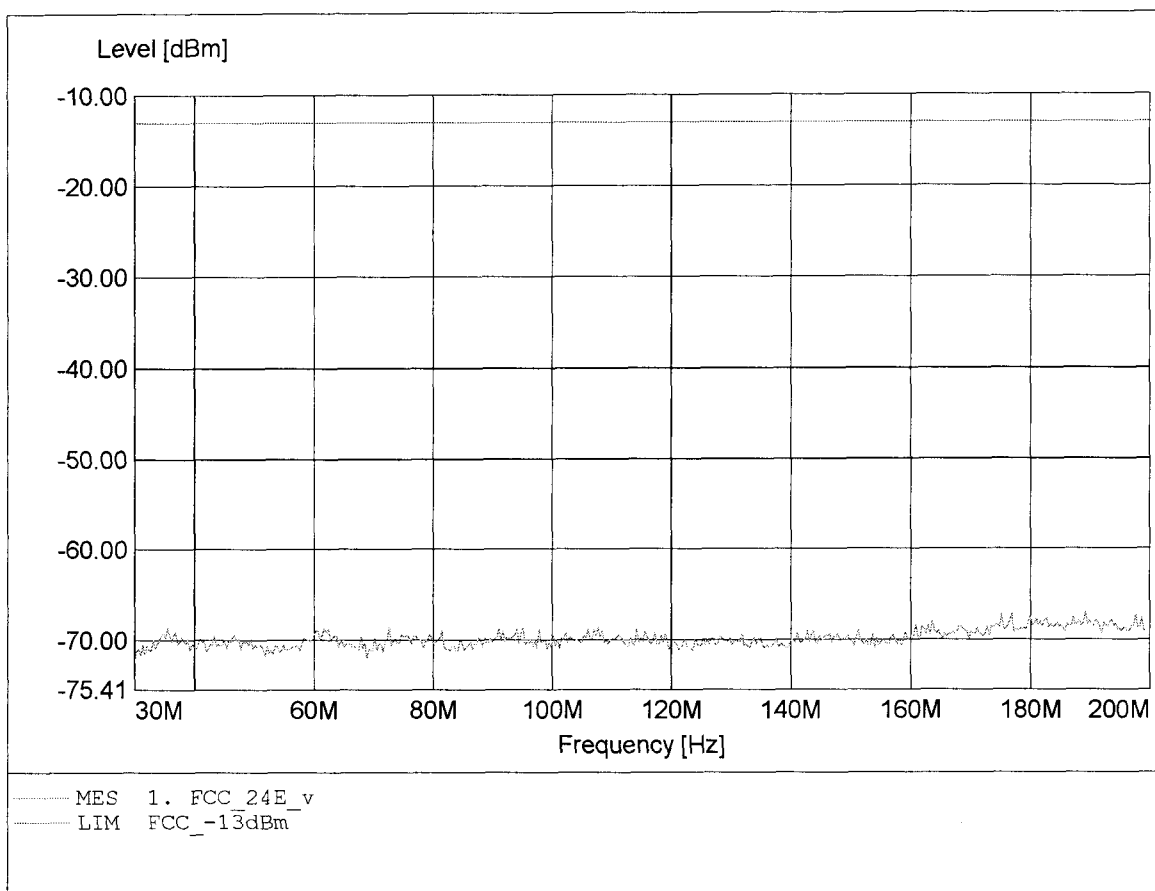
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 58.617MHz, Pmax: -67.72dBm, RBW: 100kHz



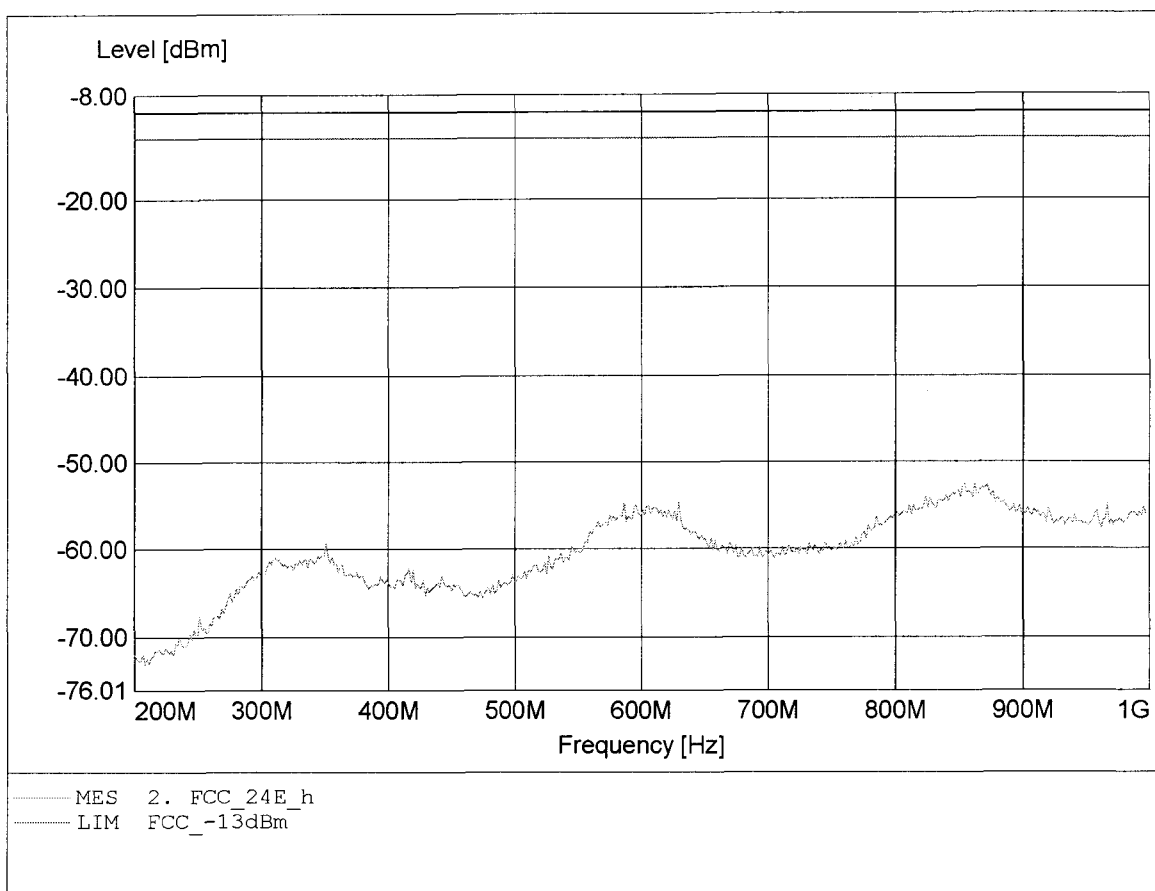
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 189.098MHz, Pmax: -66.94dBm, RBW: 100kHz



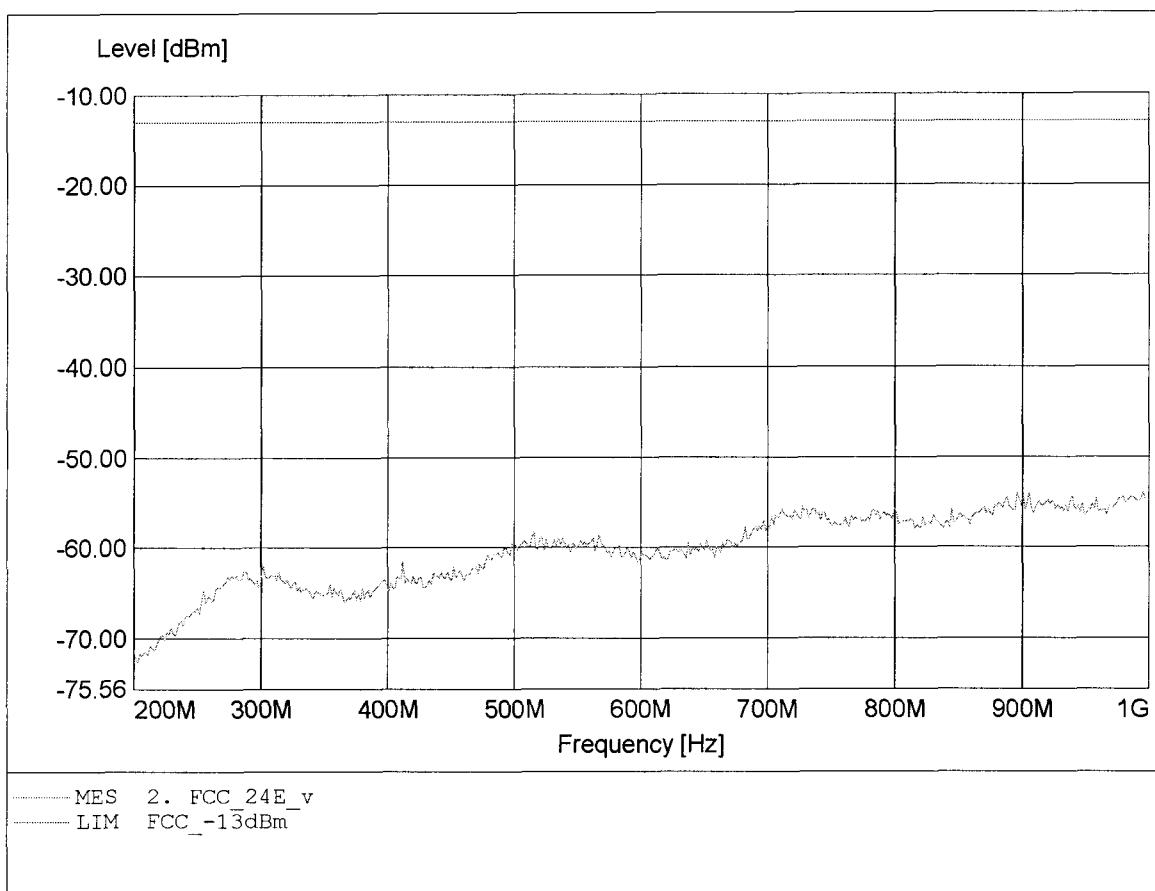
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 854.108MHz, Pmax: -52.61dBm, RBW: 100kHz



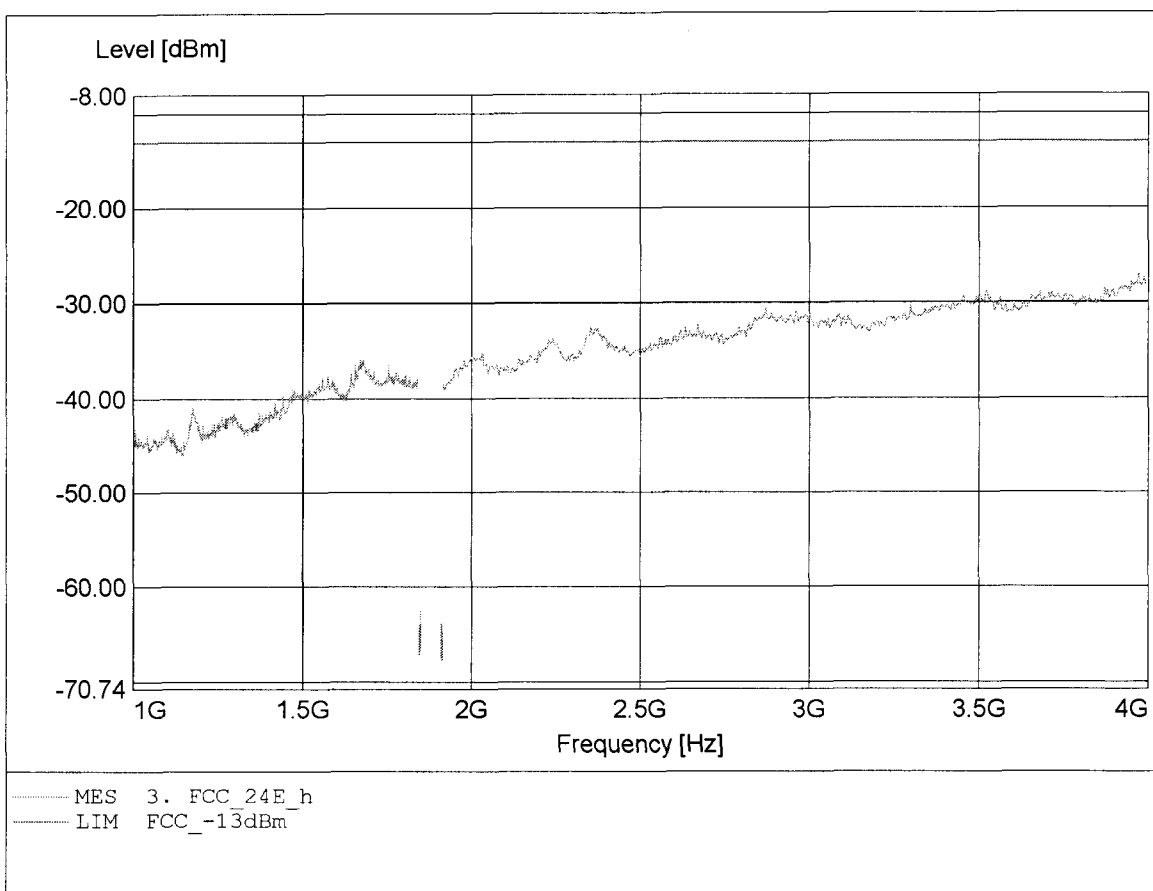
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 995.190MHz, Pmax: -53.96dBm, RBW: 100kHz



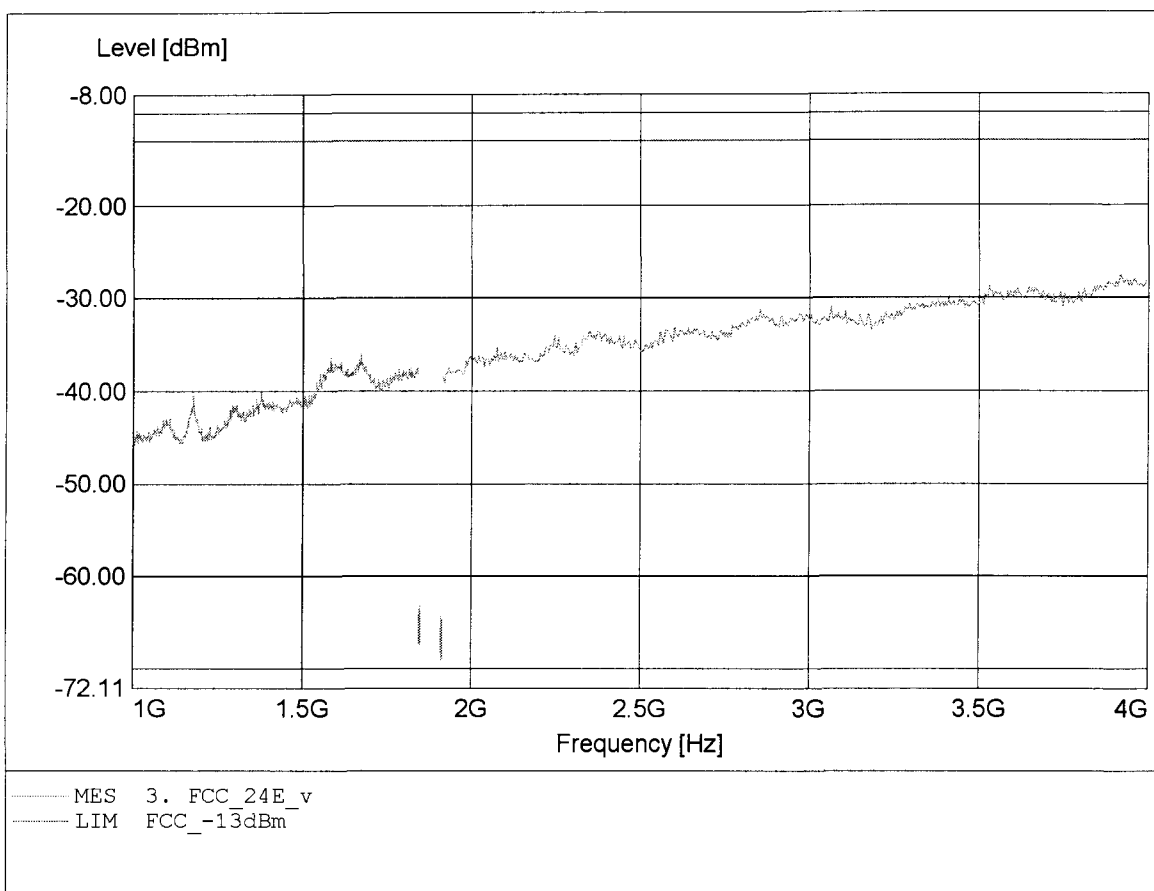
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.971GHz, Pmax: -27.16dBm, RBW: 1MHz/3kHz



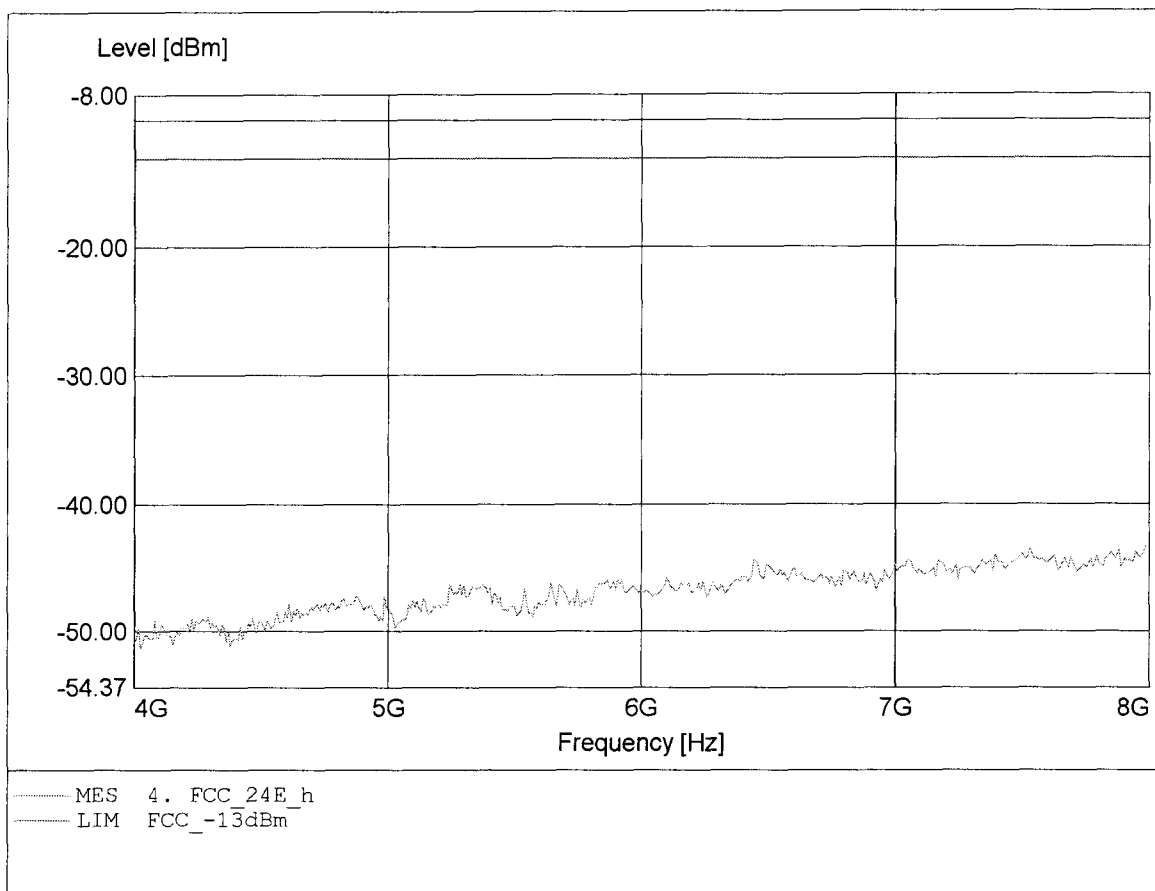
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.916GHz, Pmax: -27.57dBm, RBW: 1MHz/3kHz



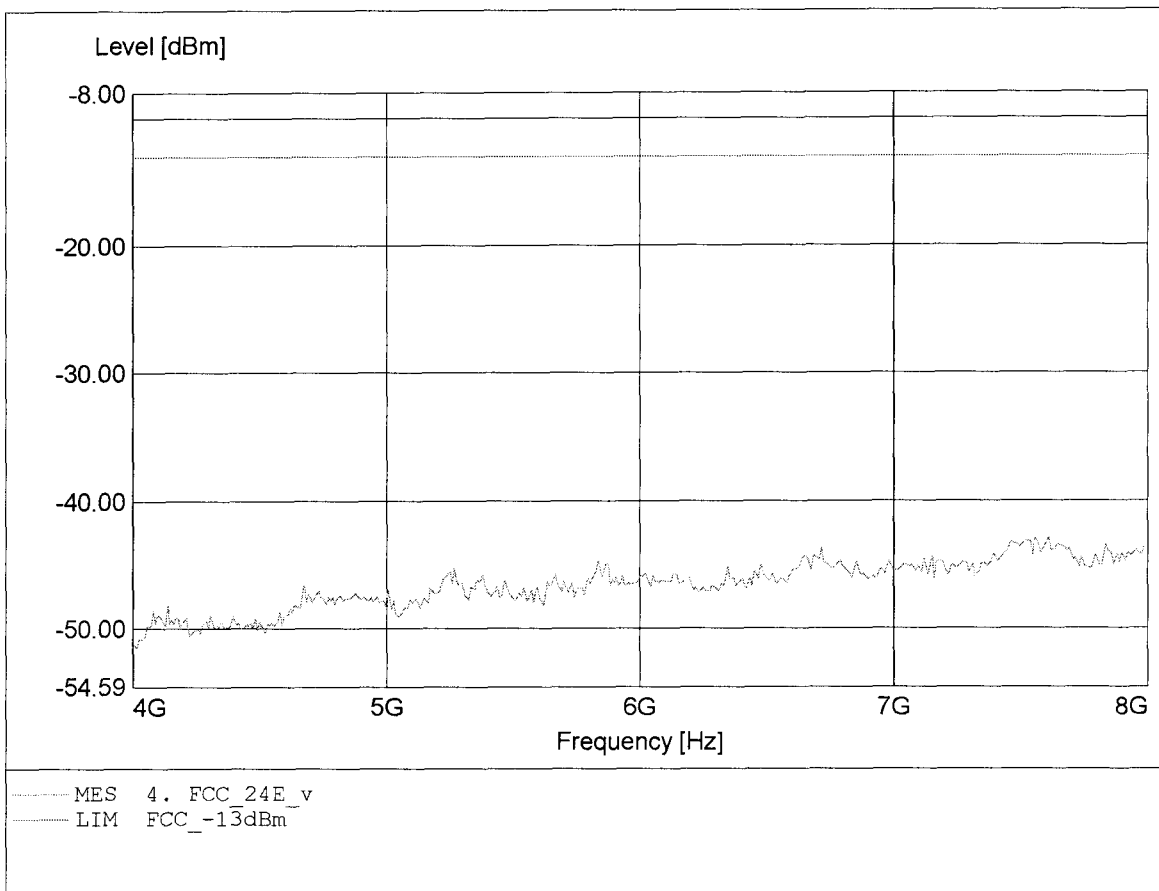
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.984GHz, Pmax: -43.27dBm, RBW: 1MHz



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

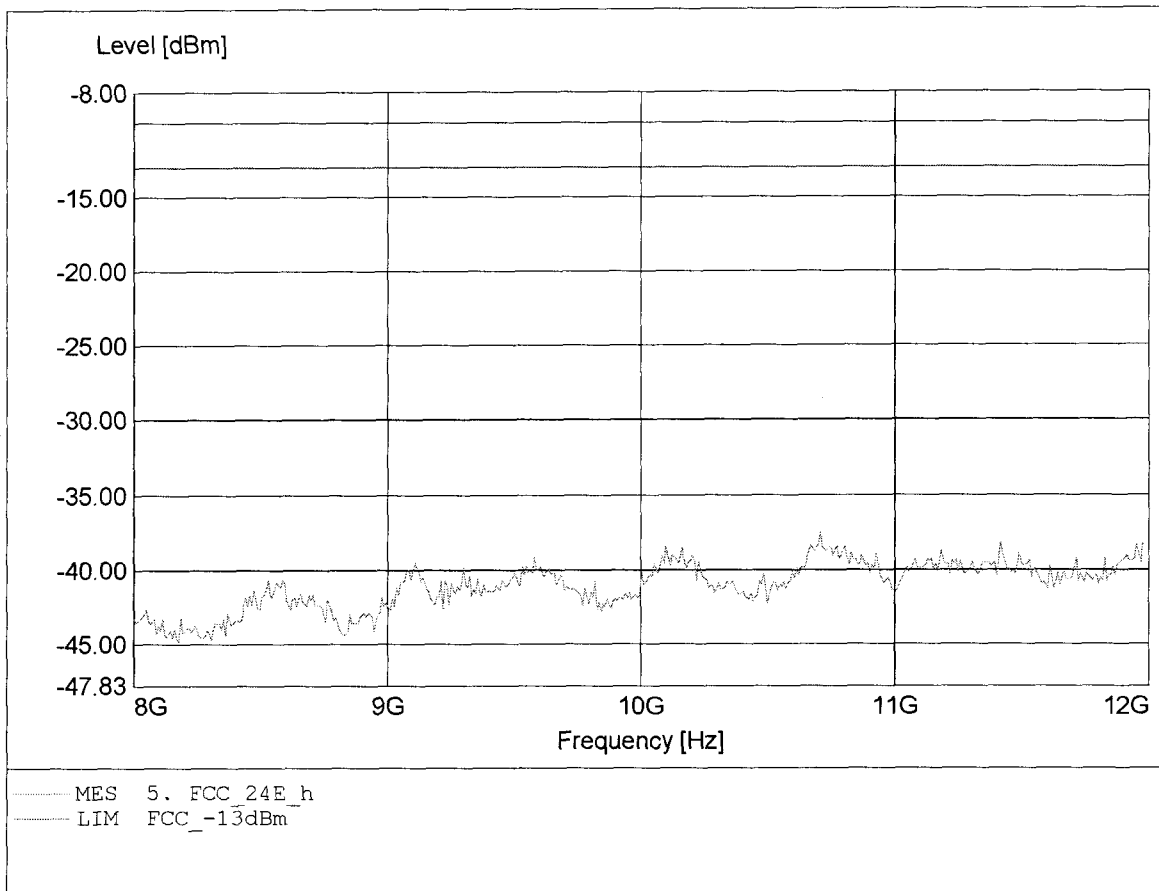
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EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.607GHz, Pmax: -42.91dBm, RBW: 1MHz





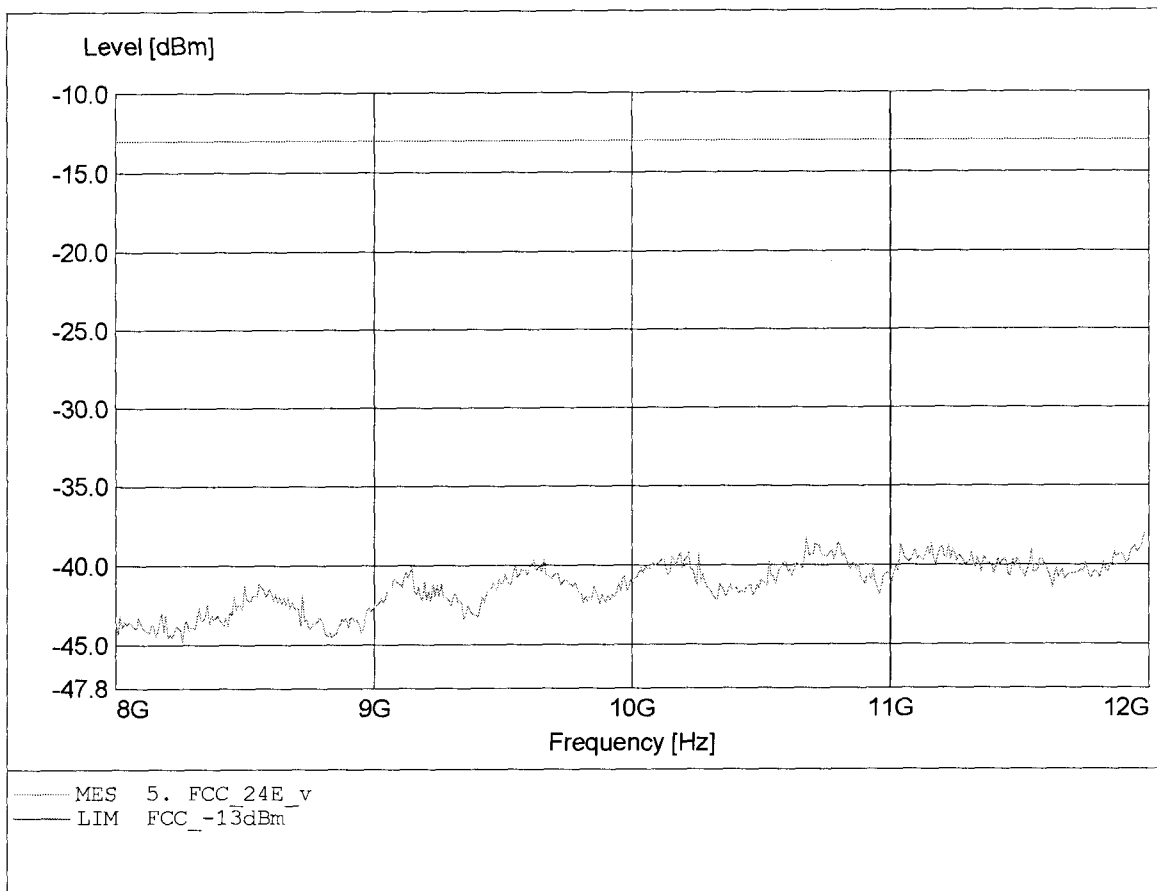
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.709GHz, Pmax: -37.49dBm, RBW: 1MHz



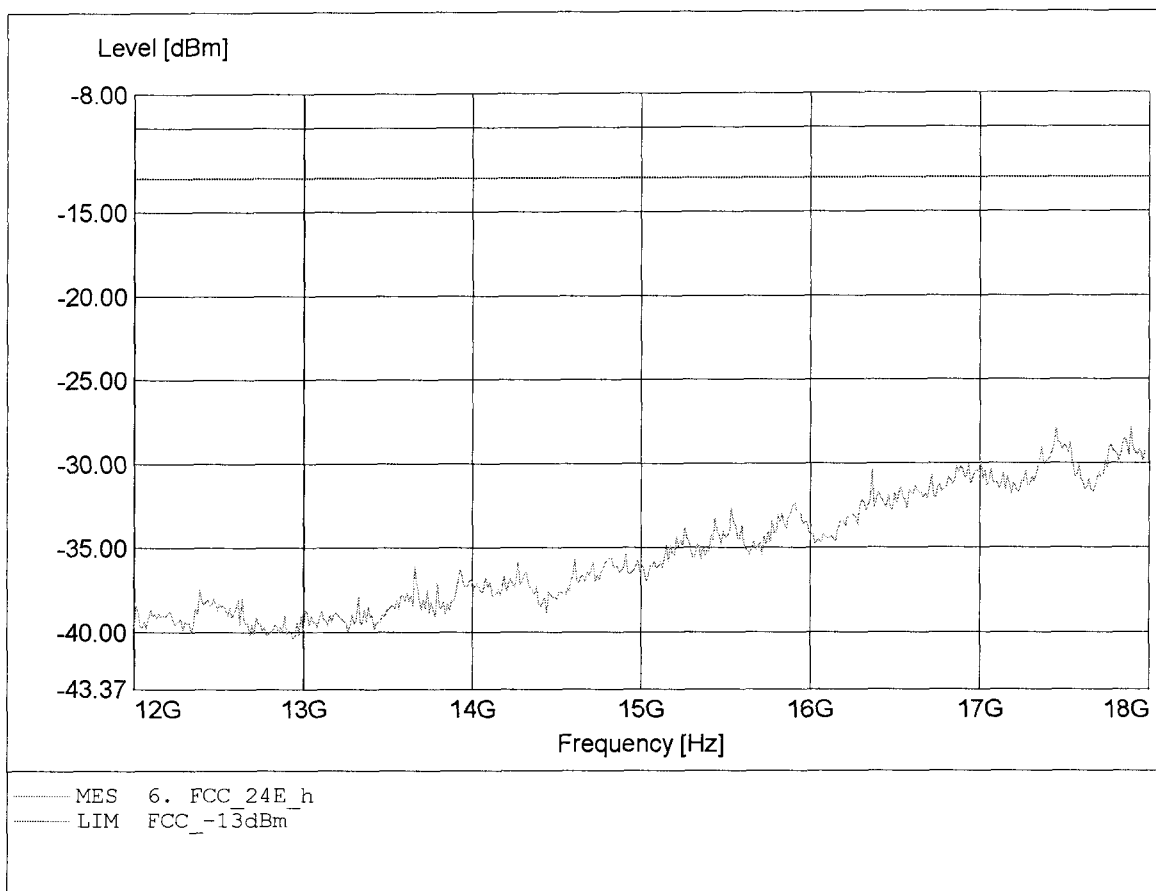
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.984GHz, Pmax: -38.05dBm, RBW: 1MHz



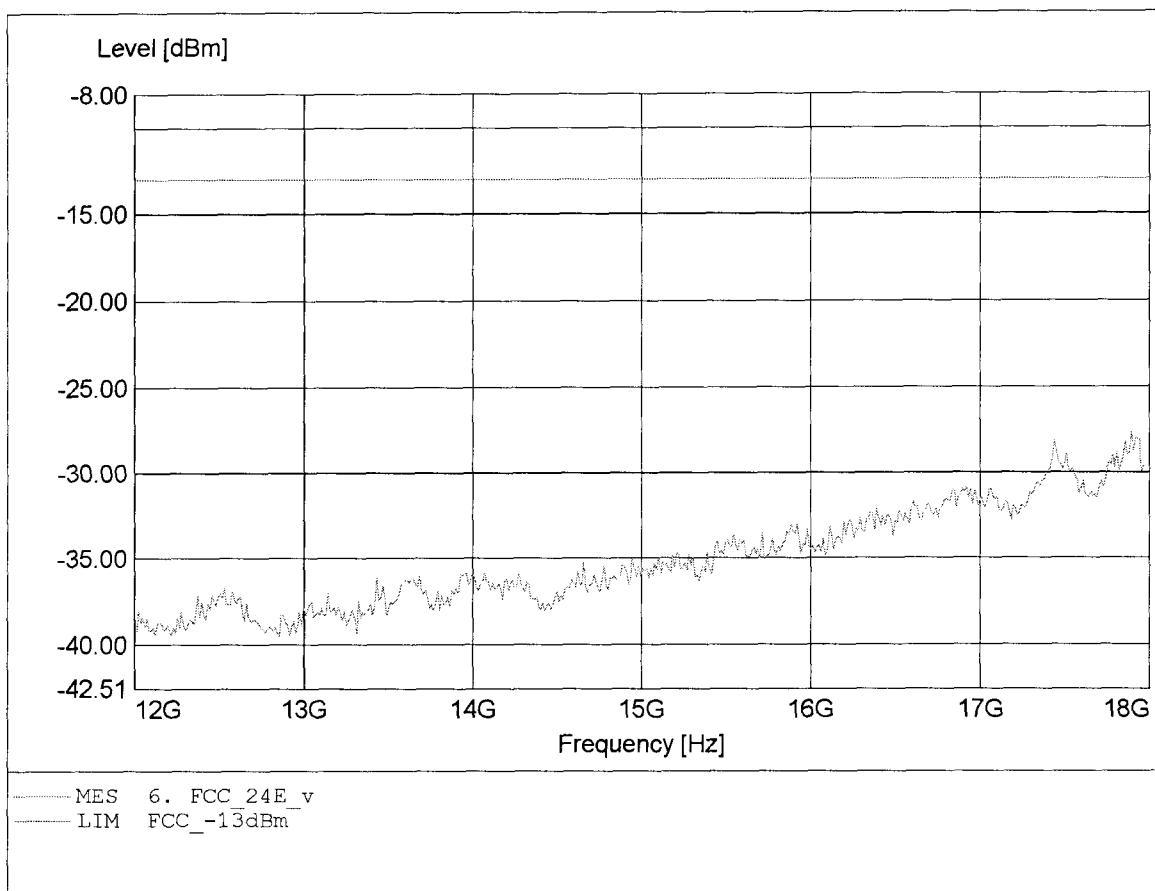
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.447GHz, Pmax: -27.89dBm, RBW: 1MHz



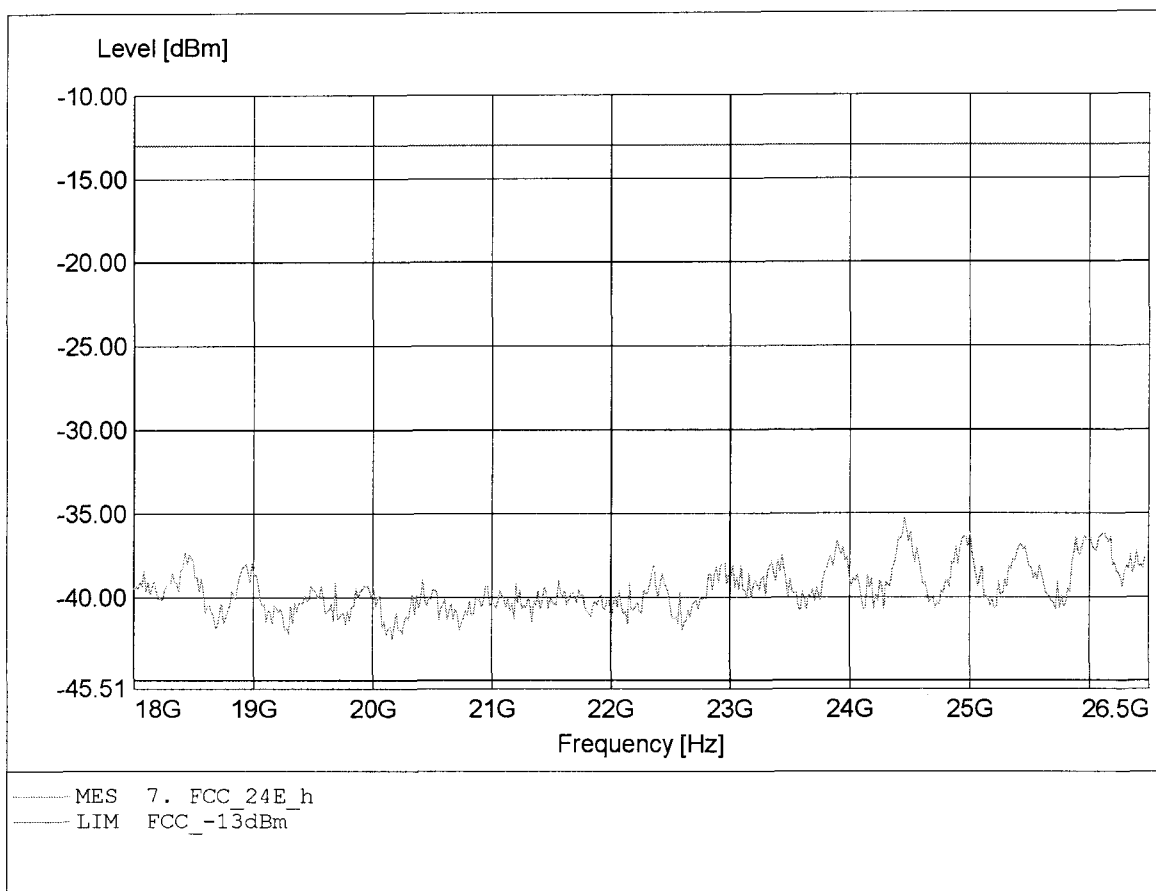
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.892GHz, Pmax: -27.64dBm, RBW: 1MHz



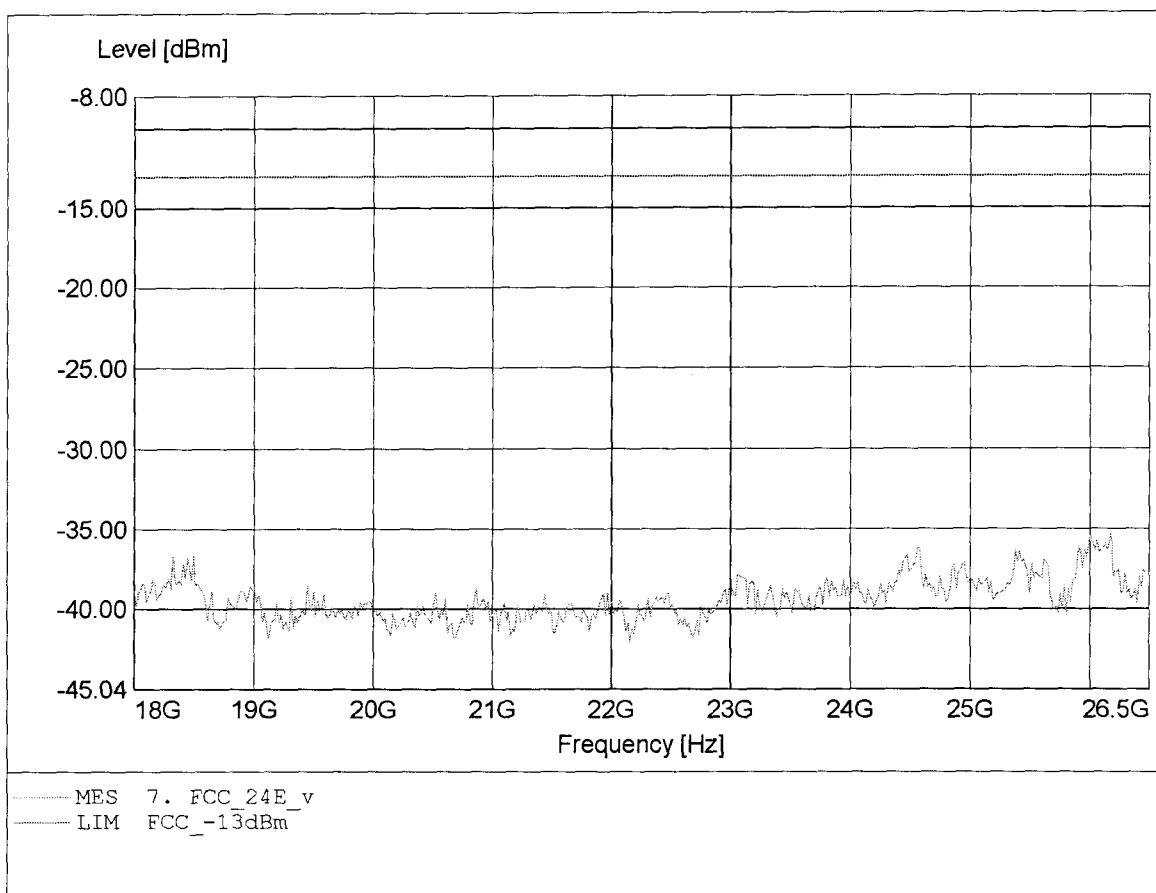
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.456GHz, Pmax: -35.21dBm, RBW: 1MHz



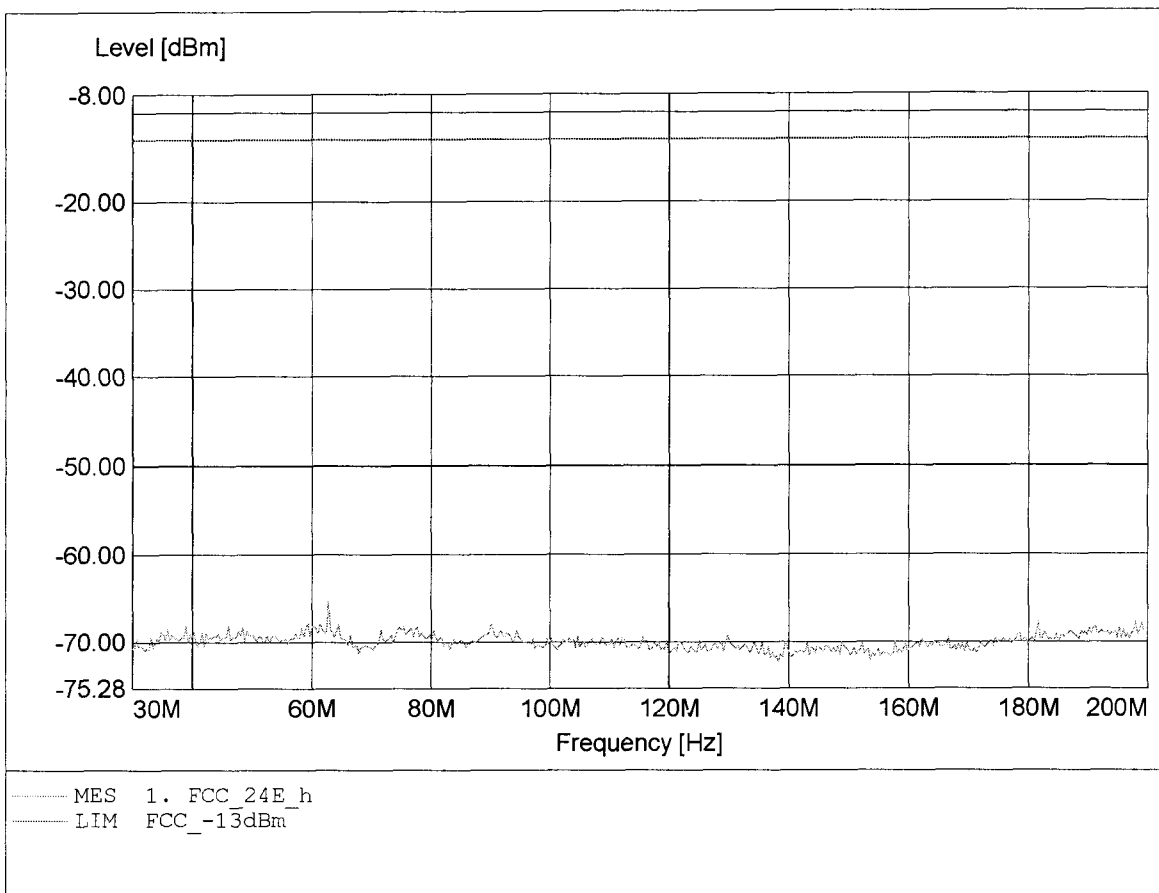
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.176GHz, Pmax: -35.25dBm, RBW: 1MHz



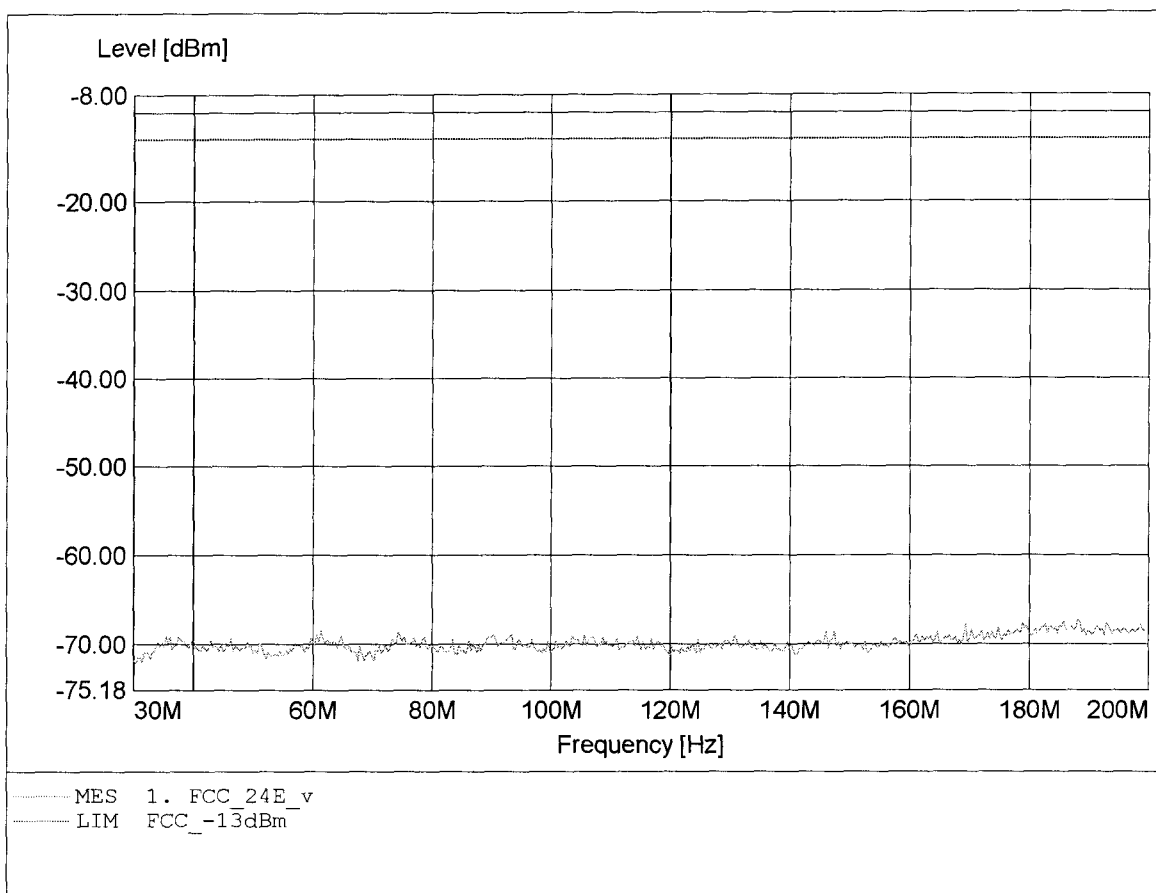
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 62.705MHz, Pmax: -65.36dBm, RBW: 100kHz



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

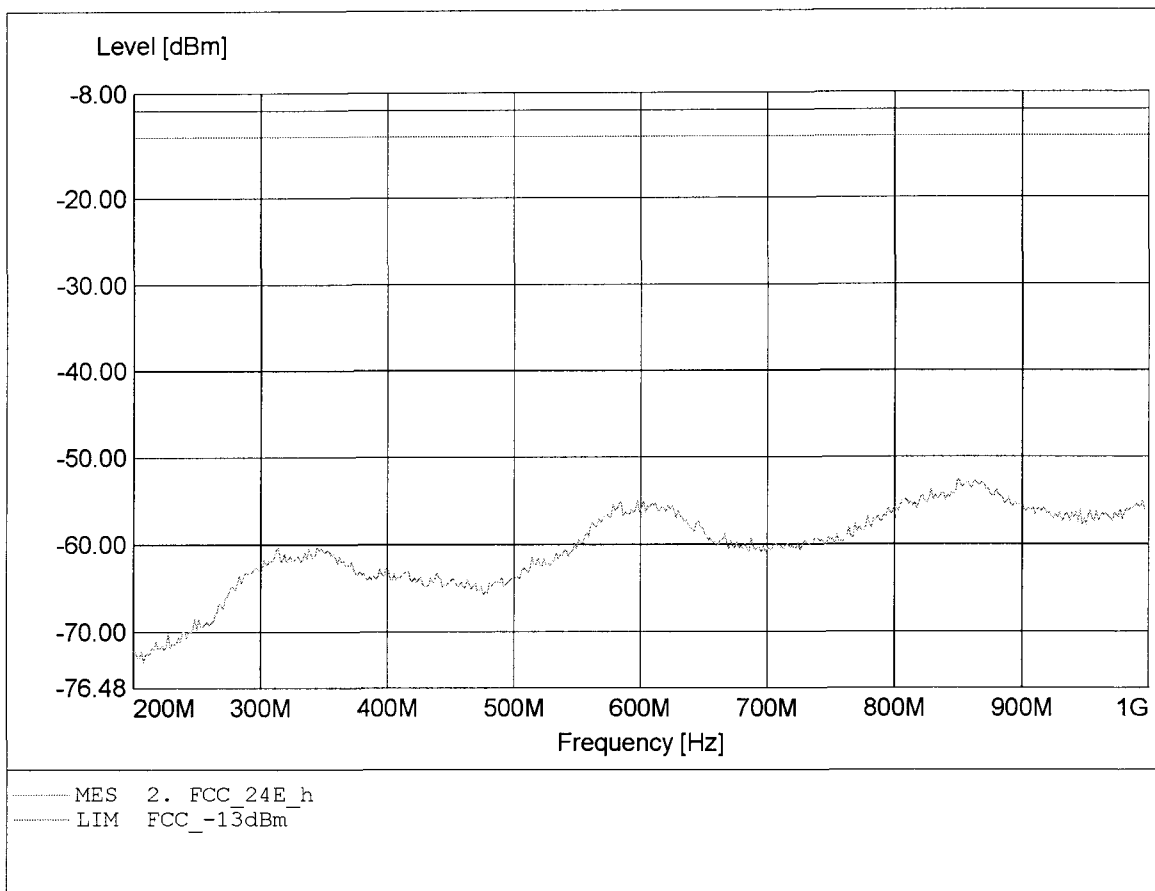
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Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 188.076MHz, Pmax: -67.21dBm, RBW: 100kHz





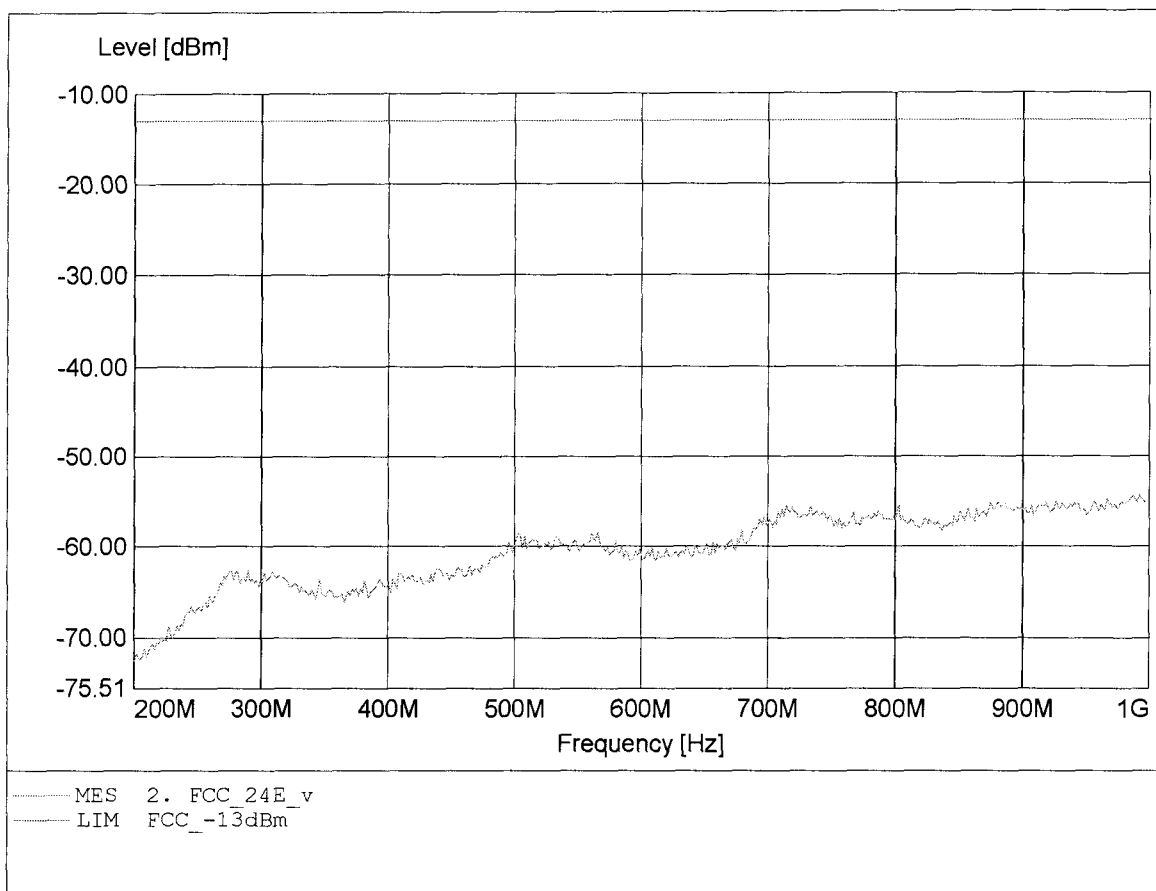
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 849.299MHz, Pmax: -52.62dBm, RBW: 100kHz



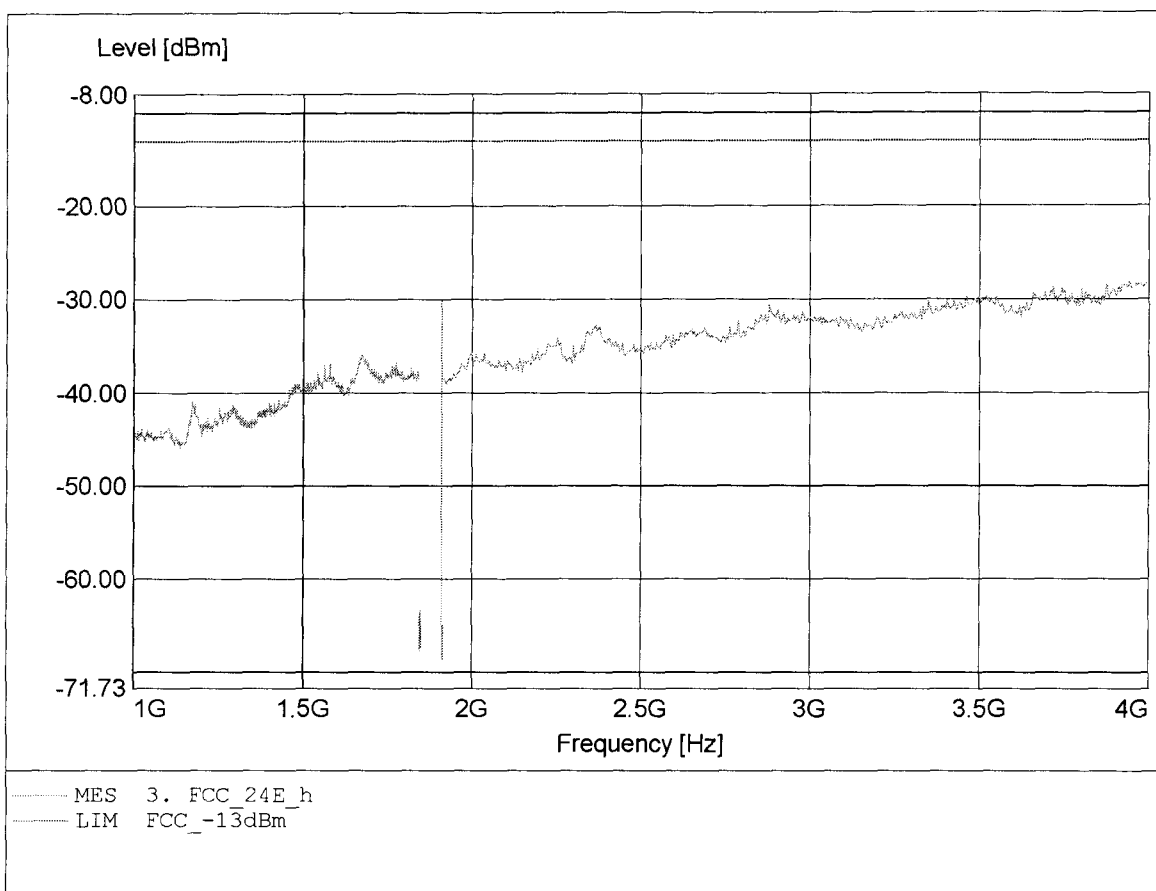
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 991.984MHz, Pmax: -54.32dBm, RBW: 100kHz



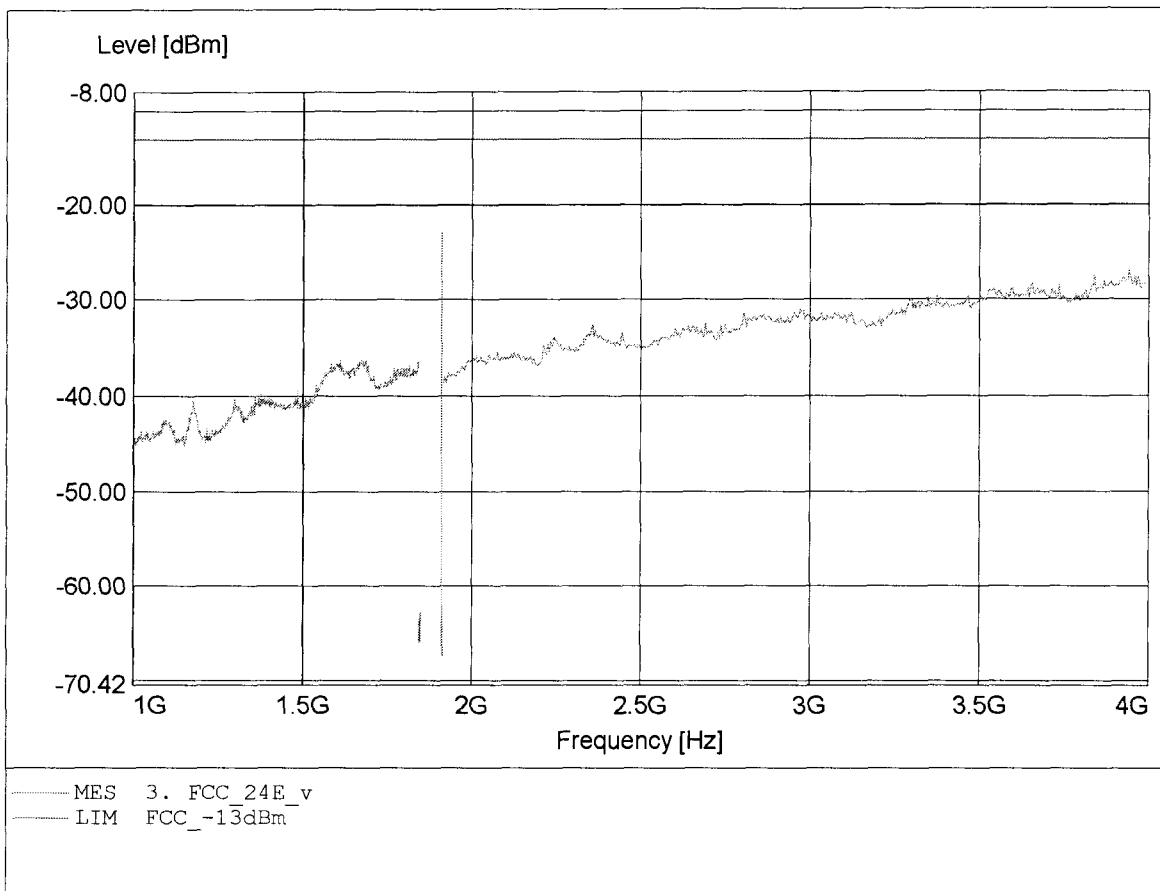
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.942GHz, Pmax: -28.29dBm, RBW: 1MHz/3kHz



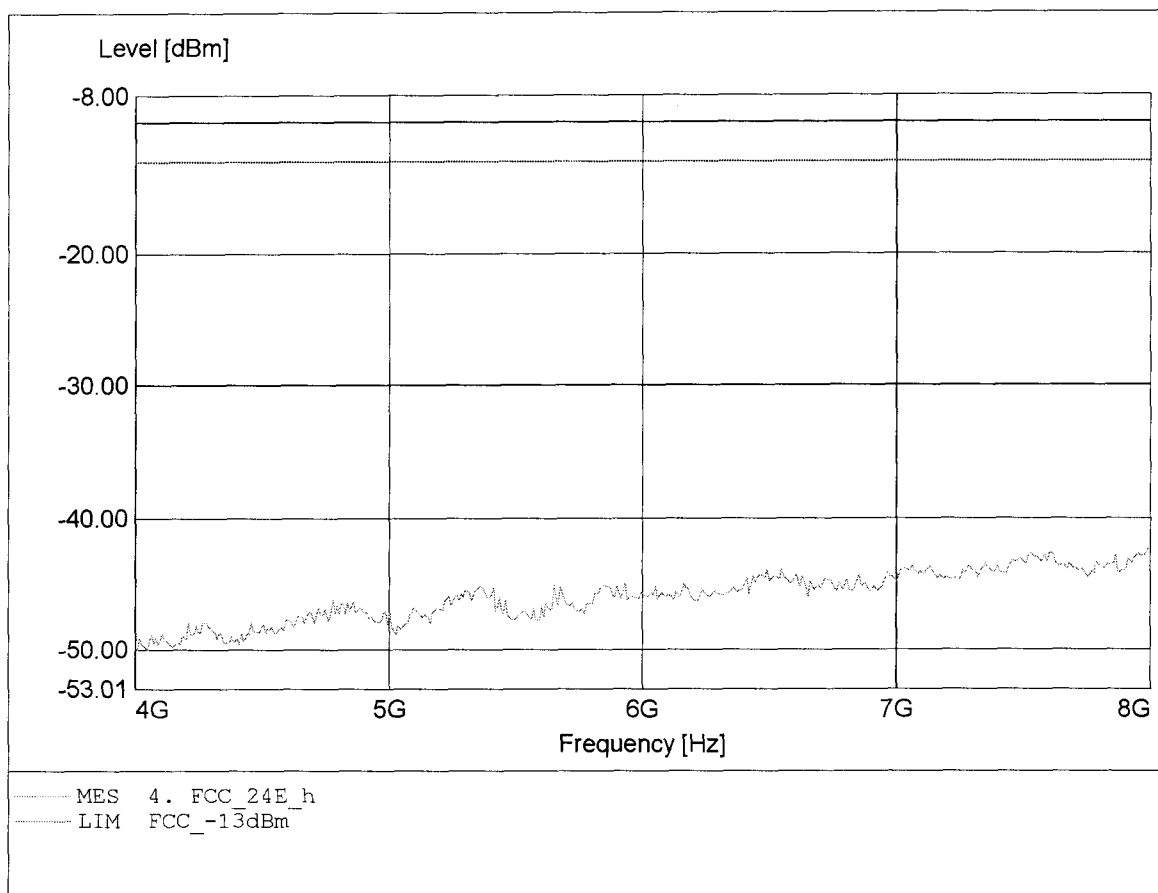
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.910GHz, Pmax: -22.97dBm, RBW: 1MHz/3kHz



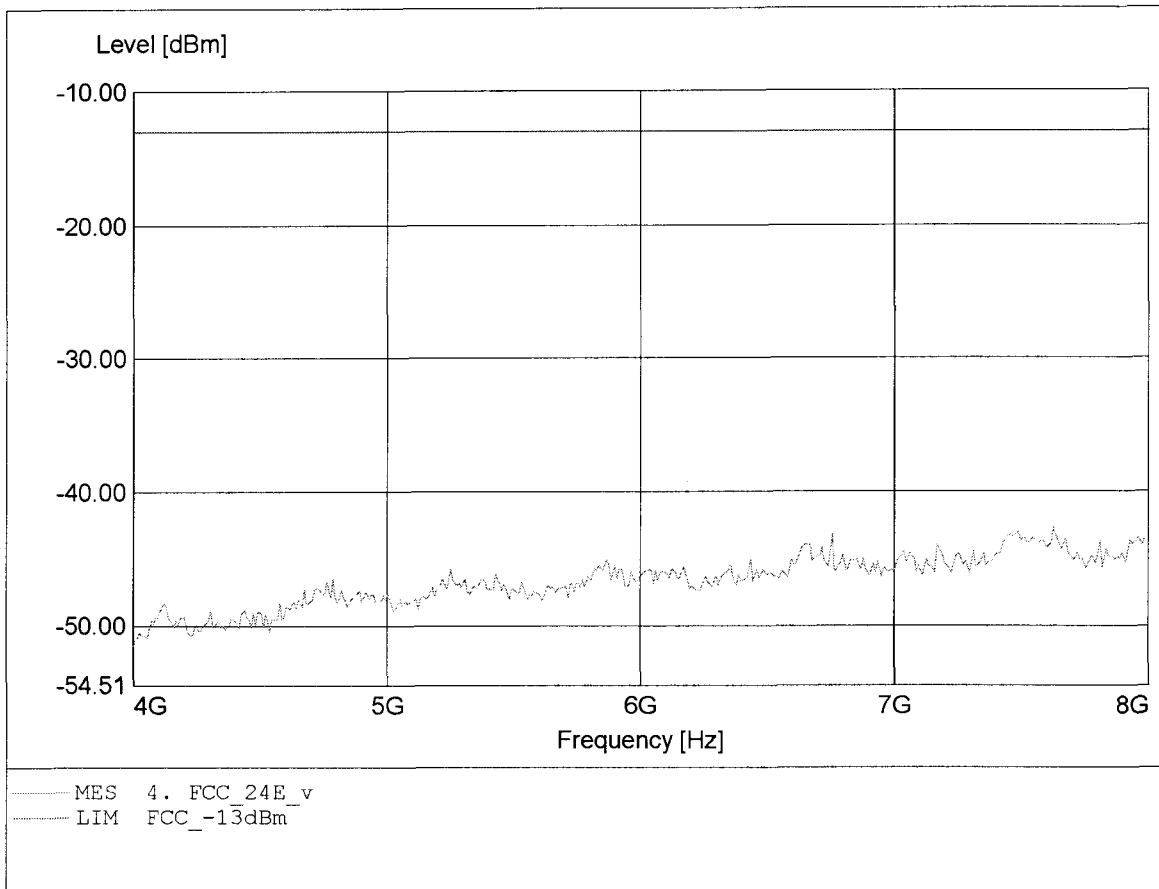
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.992GHz, Pmax: -42.38dBm, RBW: 1MHz



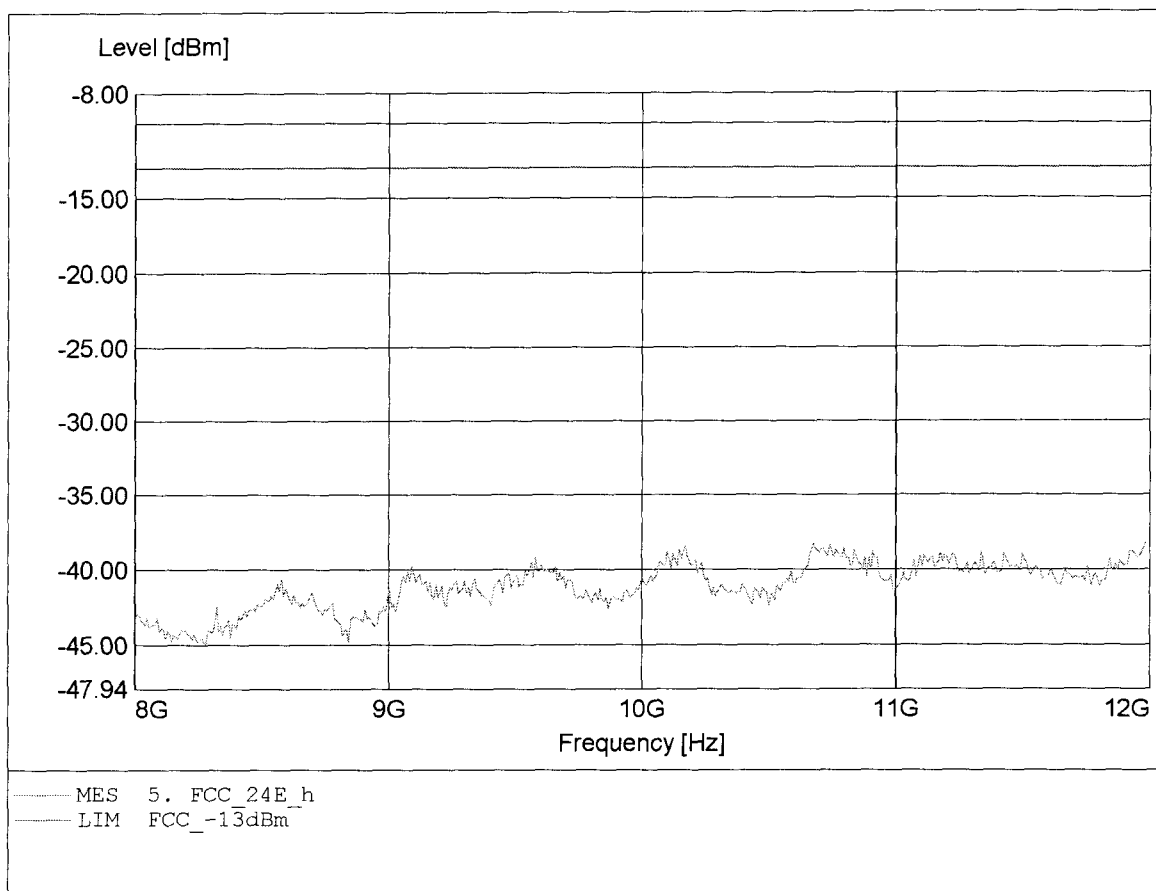
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.623GHz, Pmax: -42.70dBm, RBW: 1MHz



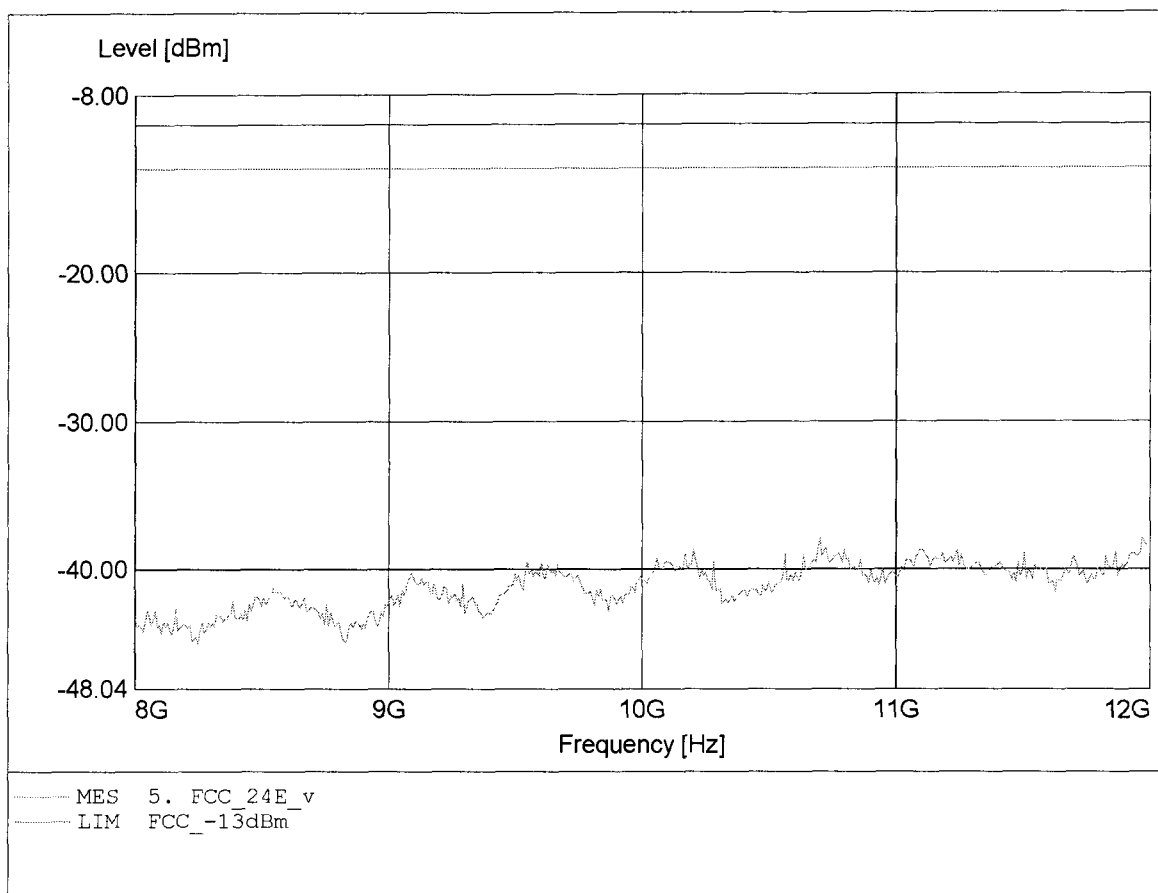
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.984GHz, Pmax: -38.28dBm, RBW: 1MHz



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

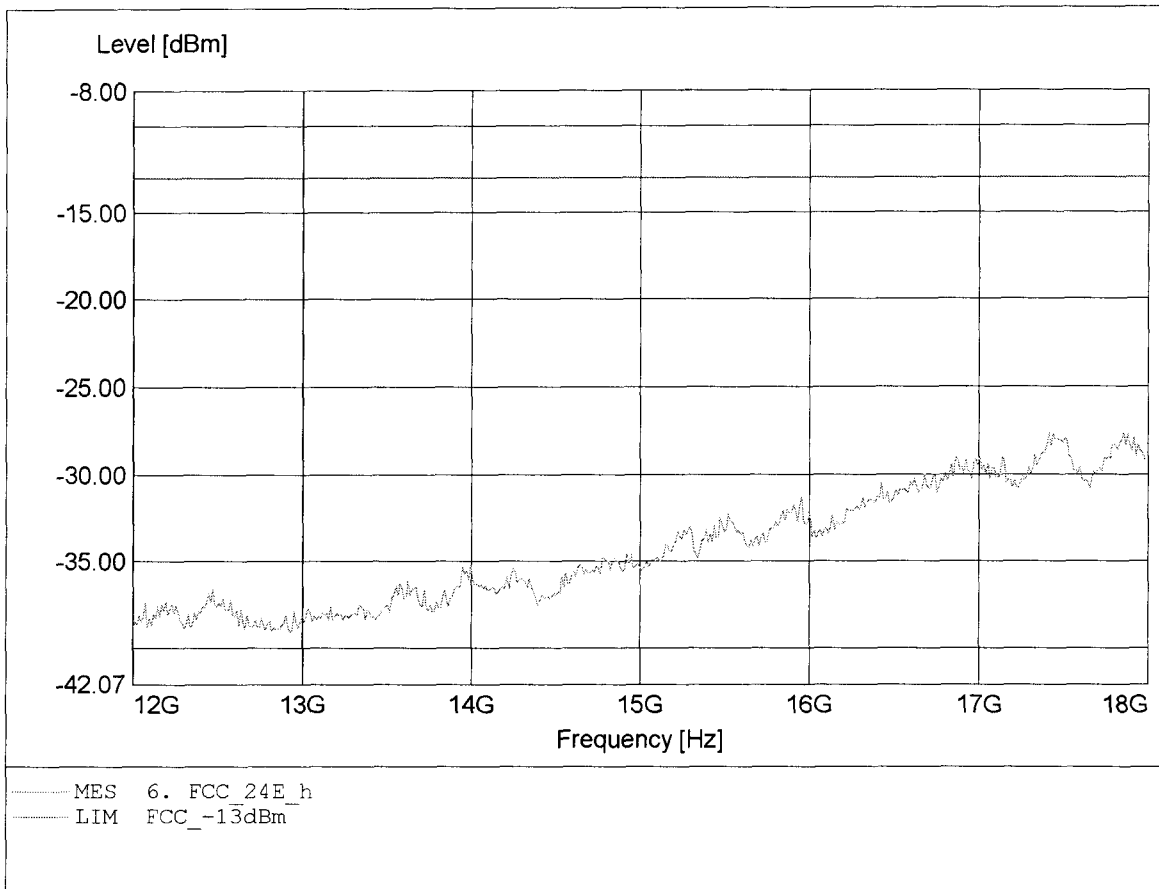
Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 10.701GHz, Pmax: -37.89dBm, RBW: 1MHz





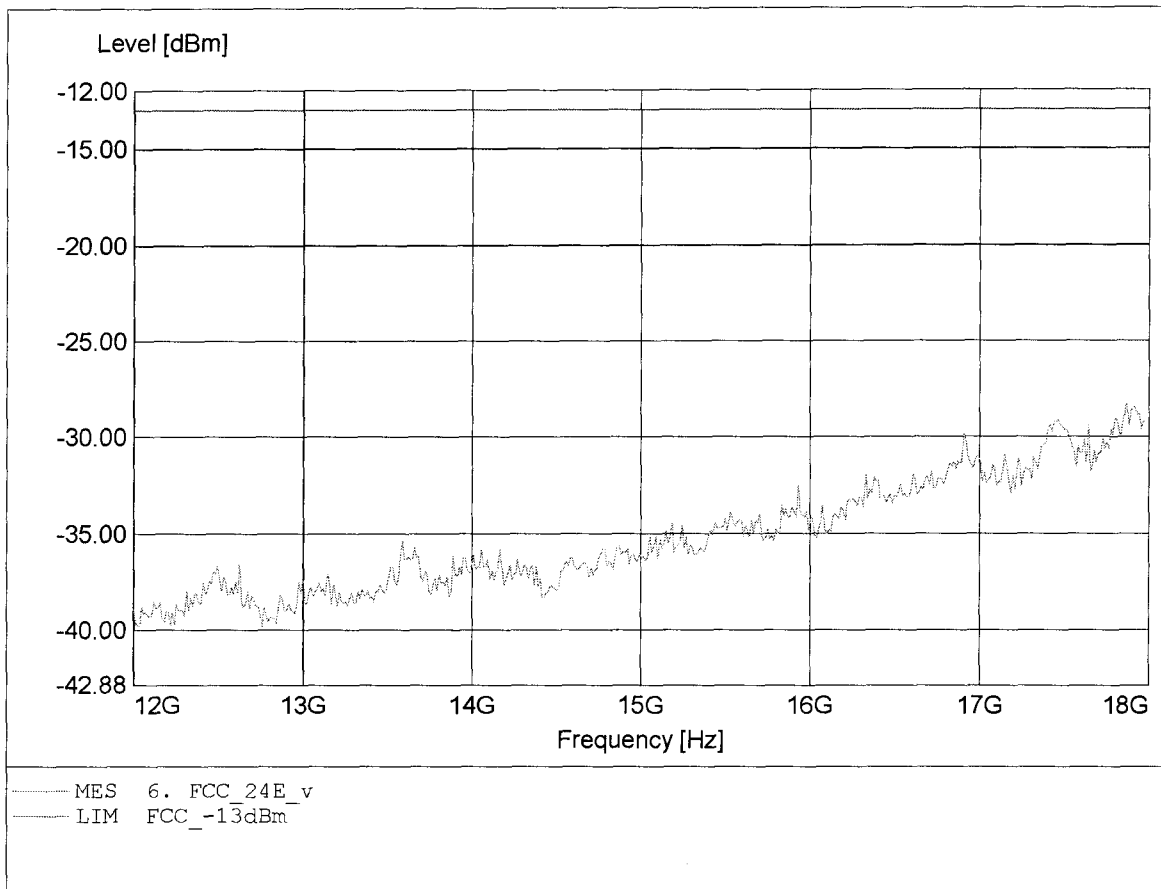
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.856GHz, Pmax: -27.58dBm, RBW: 1MHz



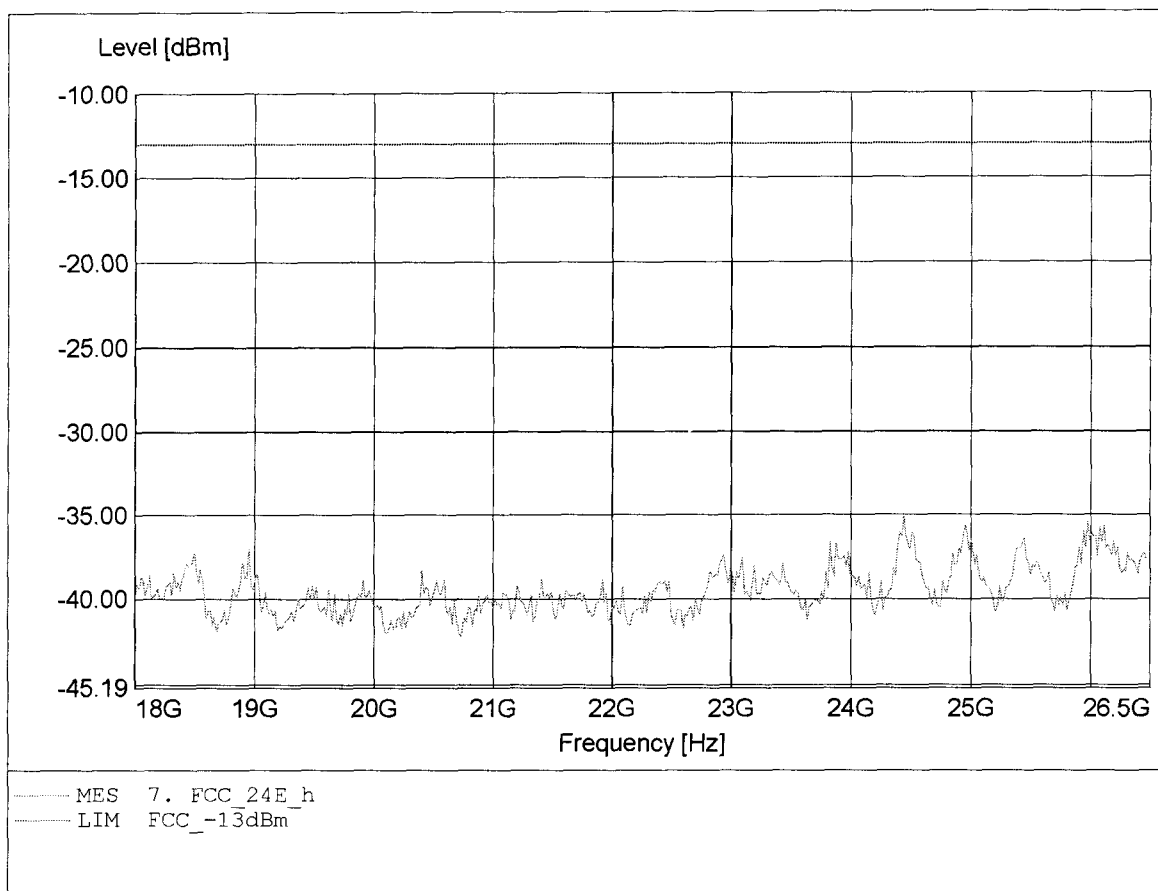
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.868GHz, Pmax: -28.28dBm, RBW: 1MHz



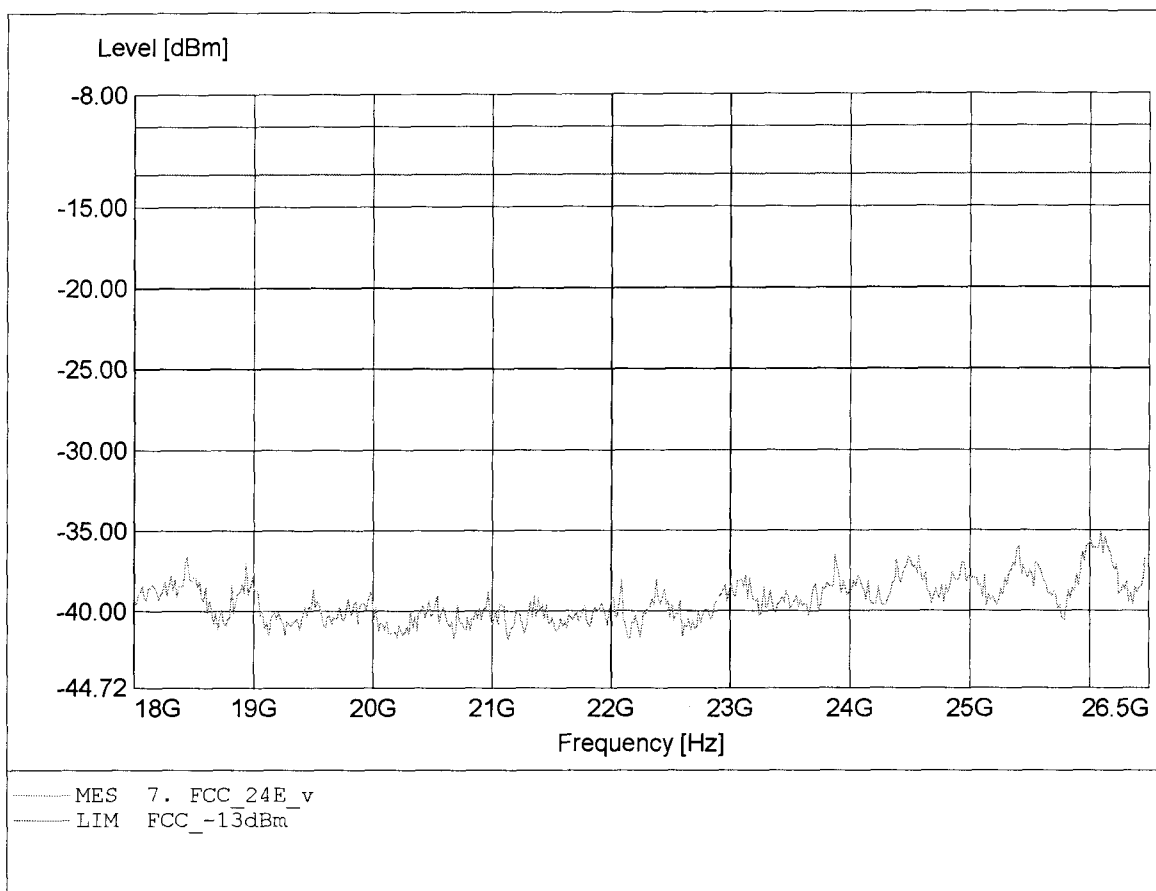
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.439GHz, Pmax: -35.15dBm, RBW: 1MHz



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

Approval Holder: Pantech Co., Ltd.  
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)  
Model / Channel: S100 / 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 4.0 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.091GHz, Pmax: -35.14dBm, RBW: 1MHz

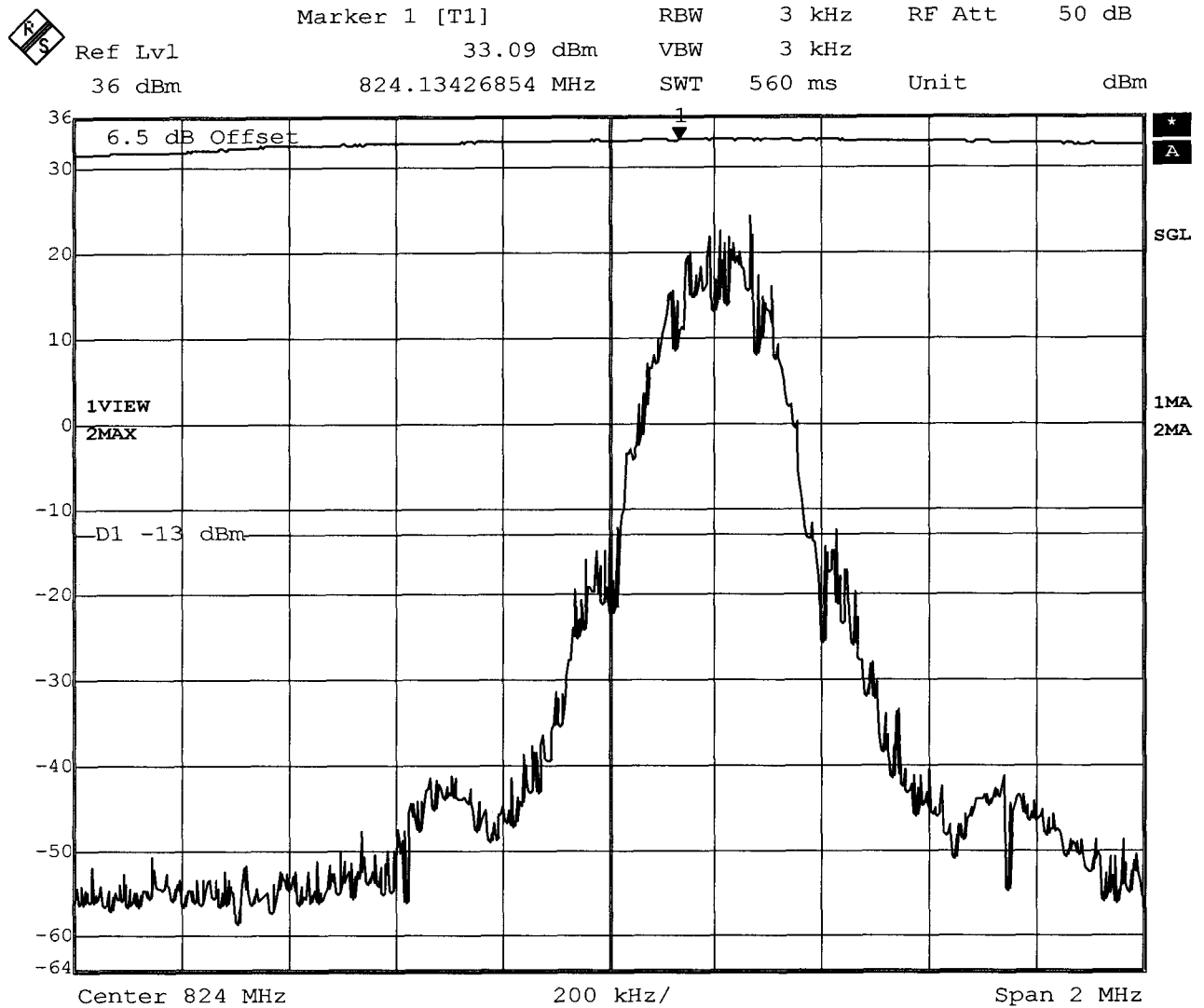


## Appendix H

Block edge compliance

**FCC Part 22 H**  
**Lower band edge**

EUT	Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model	S100
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 4.0 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128

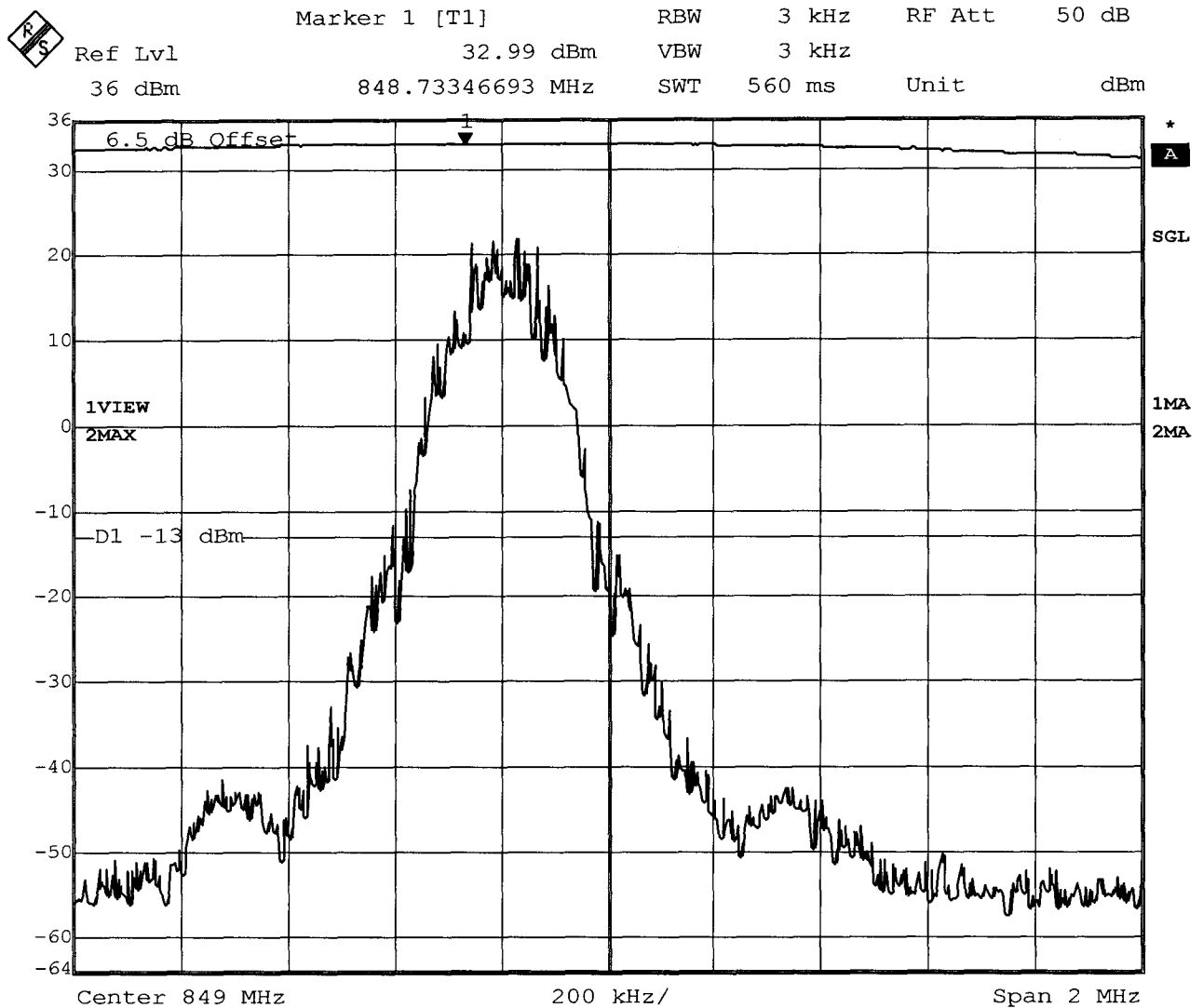


Date: 14.NOV.2006 17:23:18

Measurement diagram

**FCC Part 22 H**  
**Higher band edge**

EUT	Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model	S100
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 4.0 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251



Date: 14.NOV.2006 17:24:43

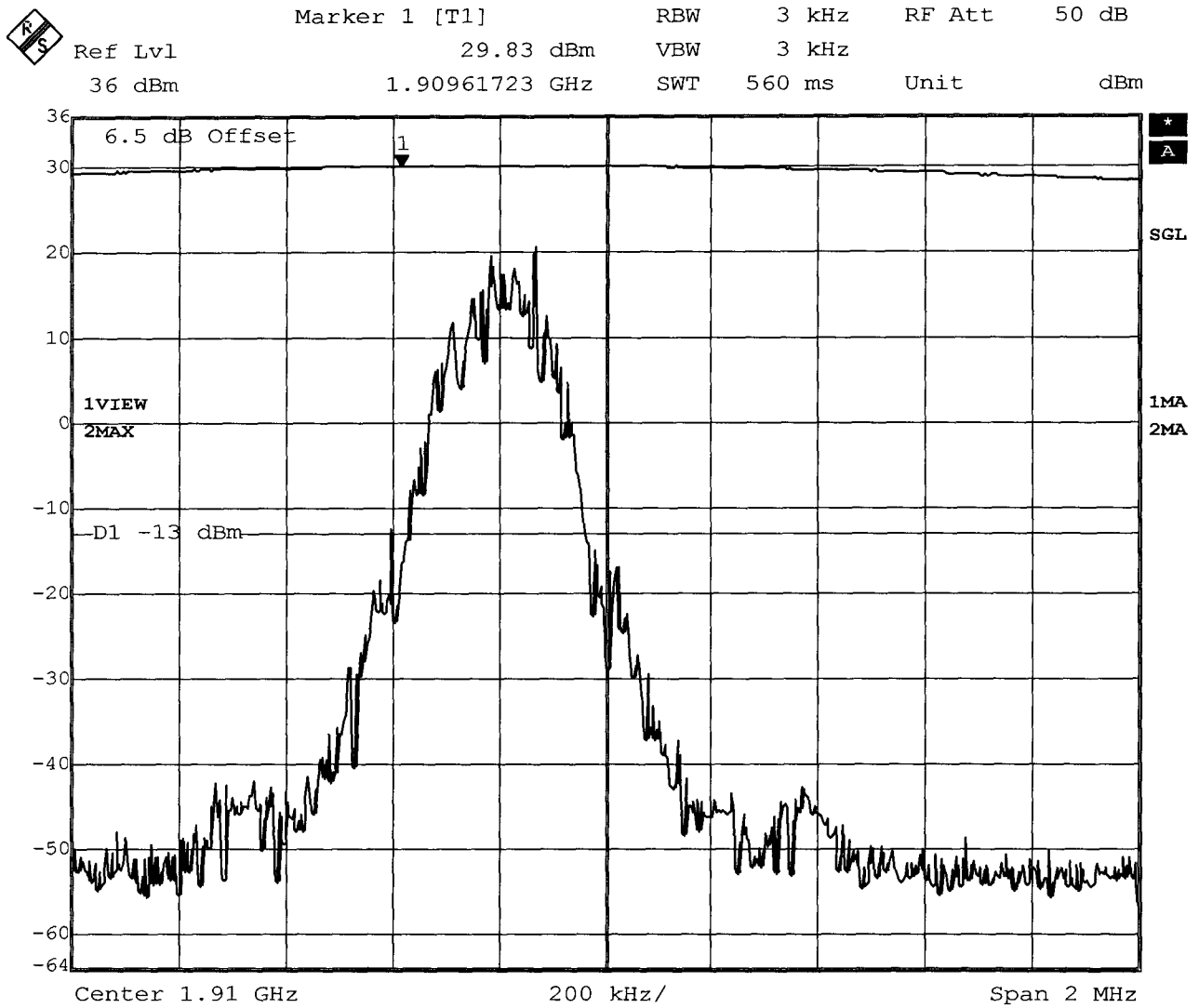
Measurement diagram





**FCC Part 24 E  
Higher Block edge**

EUT	Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model	S100
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 4.0 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 810



Date: 14.NOV.2006 17:53:17

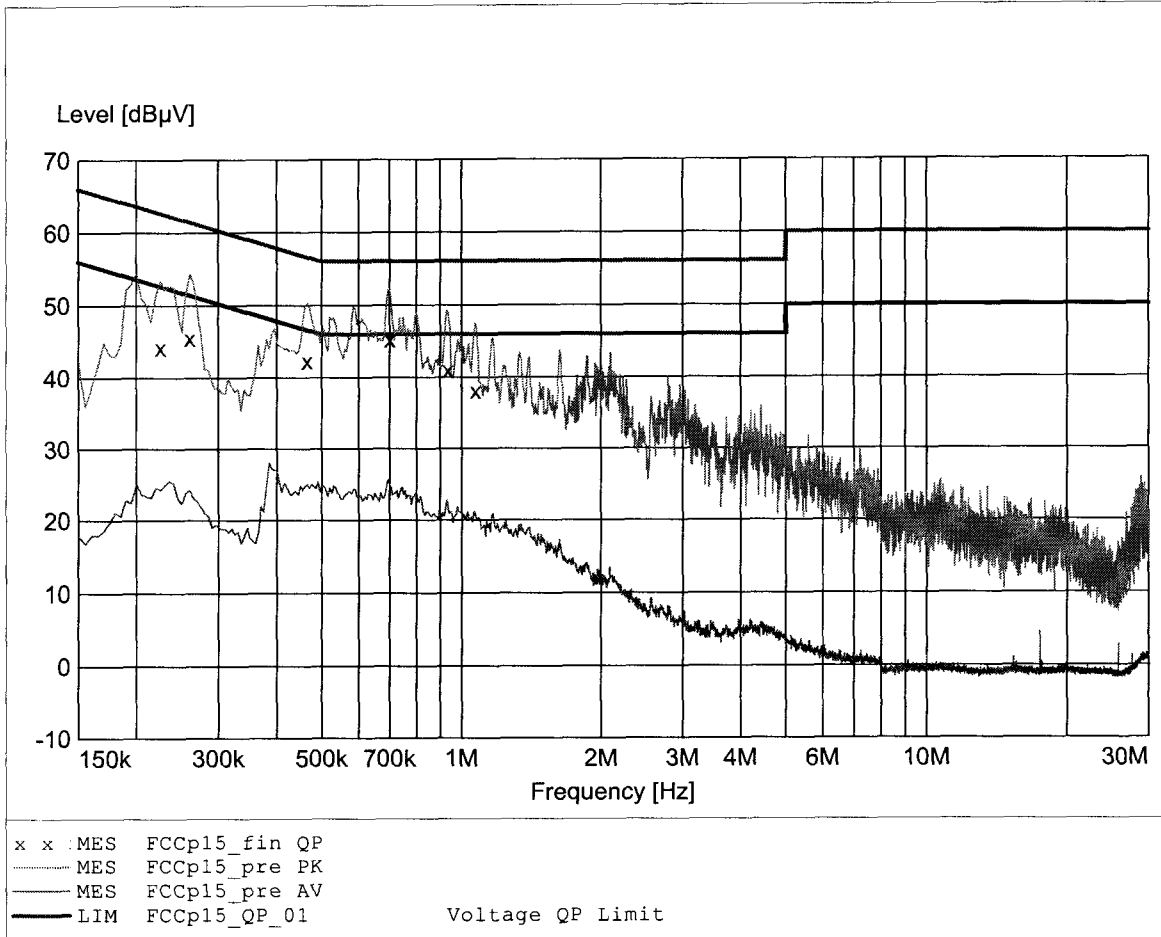
Measurement diagram

## Appendix I

AC power line conducted emissions

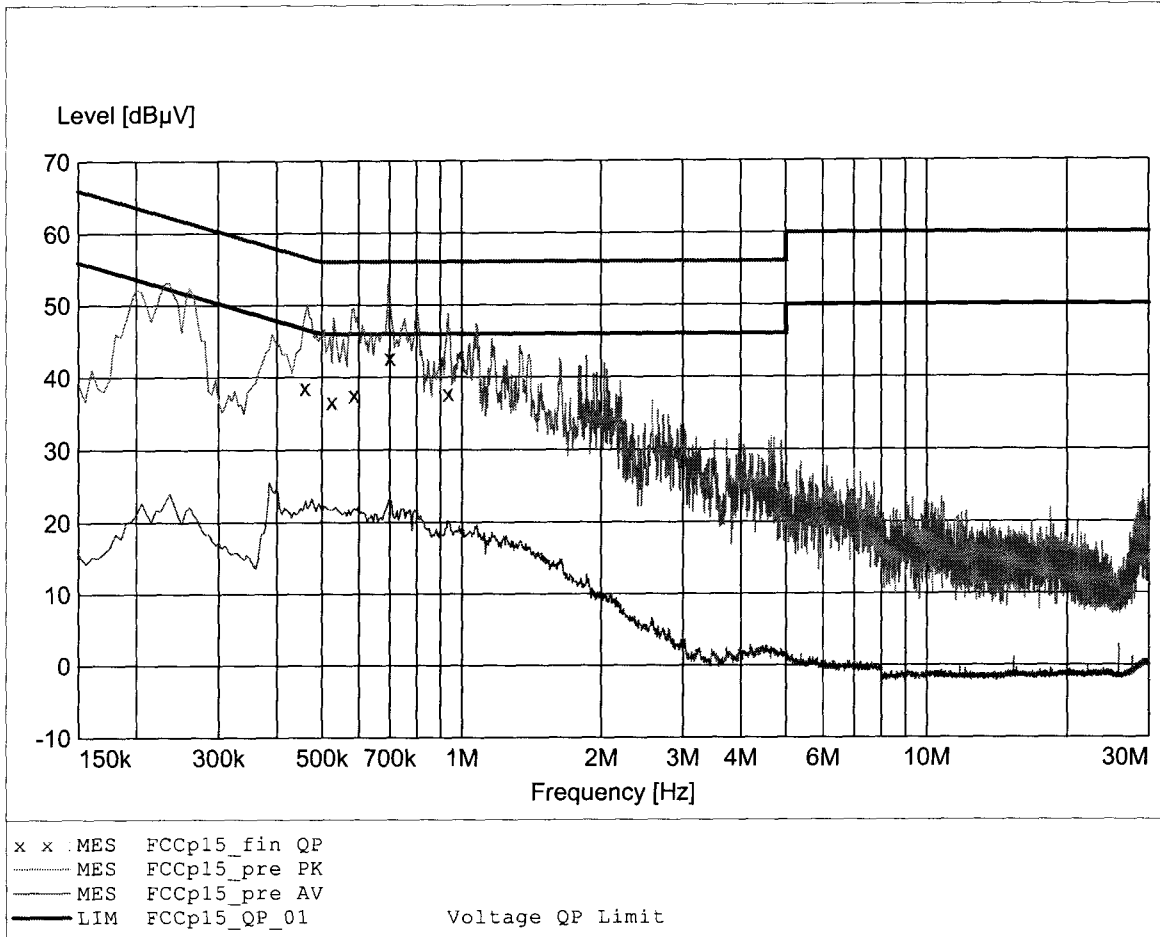
**EMI voltage test in the ac-mains according to FCC part 15**

EUT: Triple Band GSM 850 /DCS 1800/ PCS 1900 (with WAP & GPRS)  
 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120V AC (AC/DC adaptor), Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Meng  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: S100  
 ADAPTOR: TA-11E



# 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: 120V AC (AC/DC adaptor), Tnom: 23°C  
Test Site: ETS  
Operator: Mr. Meng  
Test Specification: V-Network: ESH2-Z5 (N)  
Comment: model: S100  
ADAPTOR: TA-11E



## Appendix J

Receiver radiated emission