

## Appendix B

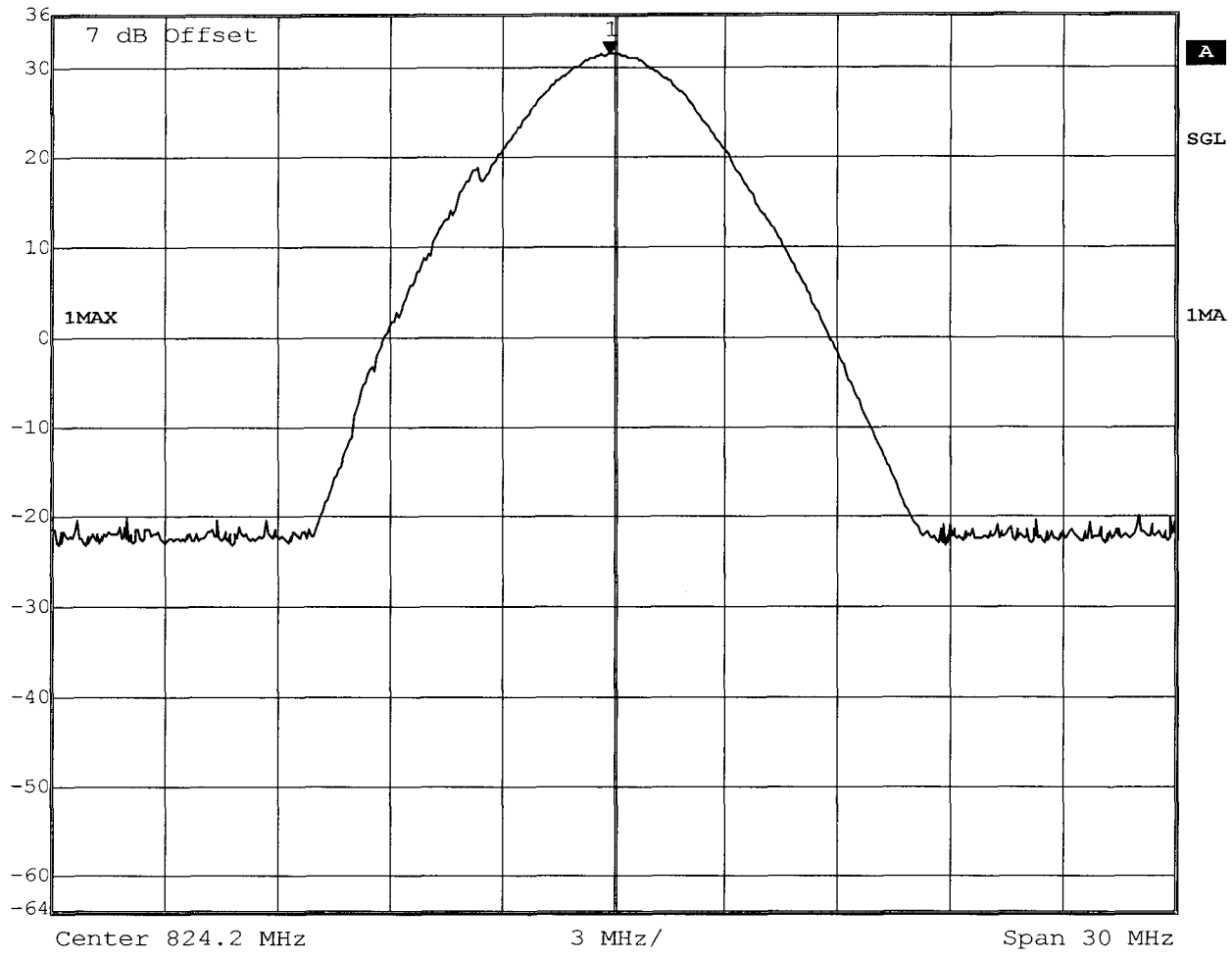
RF power output conducted

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

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 128



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	31.28 dBm	VBW	3 MHz	
36 dBm	824.10981964 MHz	SWT	5 ms	Unit dBm



Date: 14.FEB.2007 19:18:16

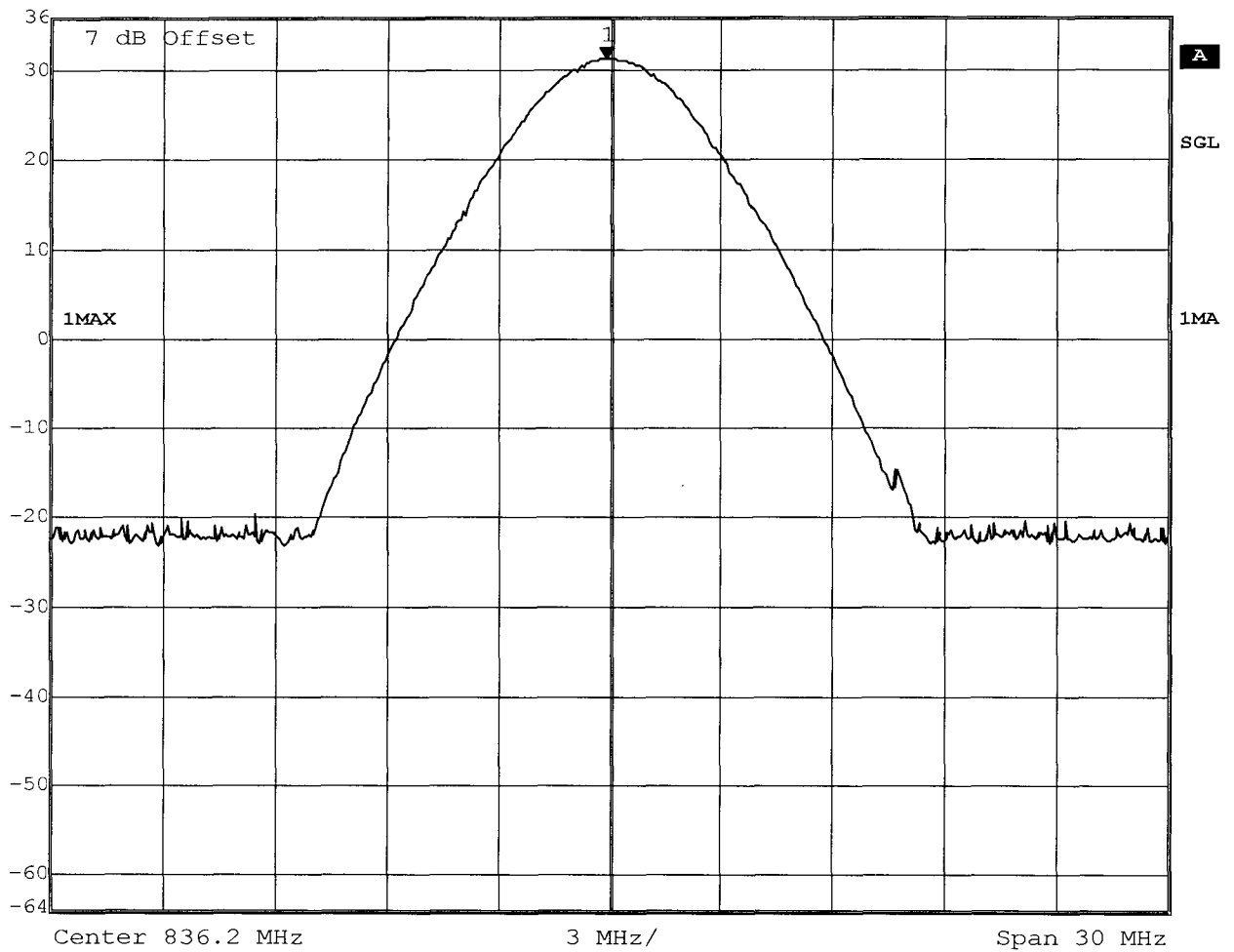
Measurement diagram

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

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 188



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	31.21 dBm	VBW	3 MHz	
36 dBm	836.10981964 MHz	SWT	5 ms	Unit dBm

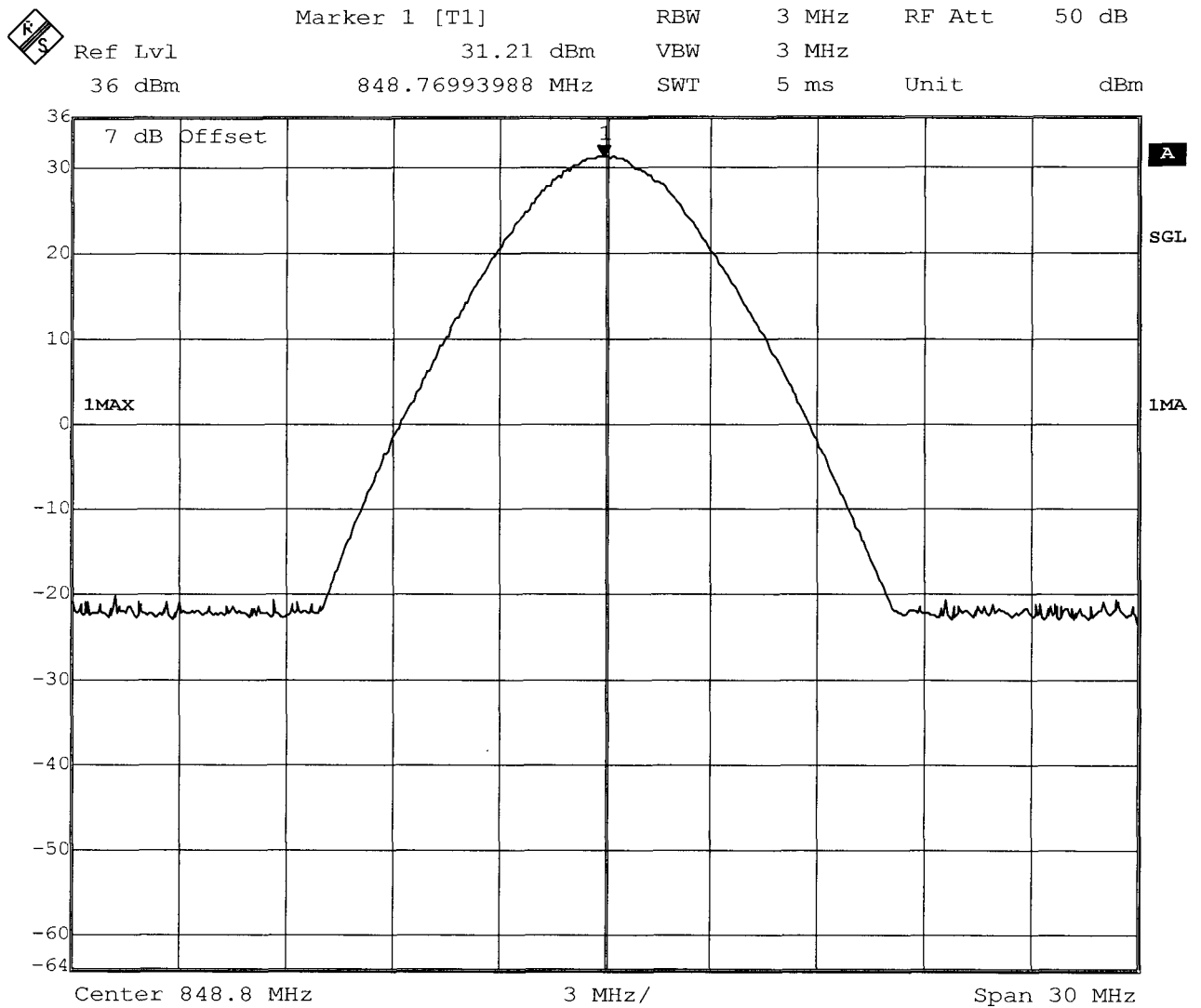


Date: 14.FEB.2007 19:18:57

Measurement diagram

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

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 251

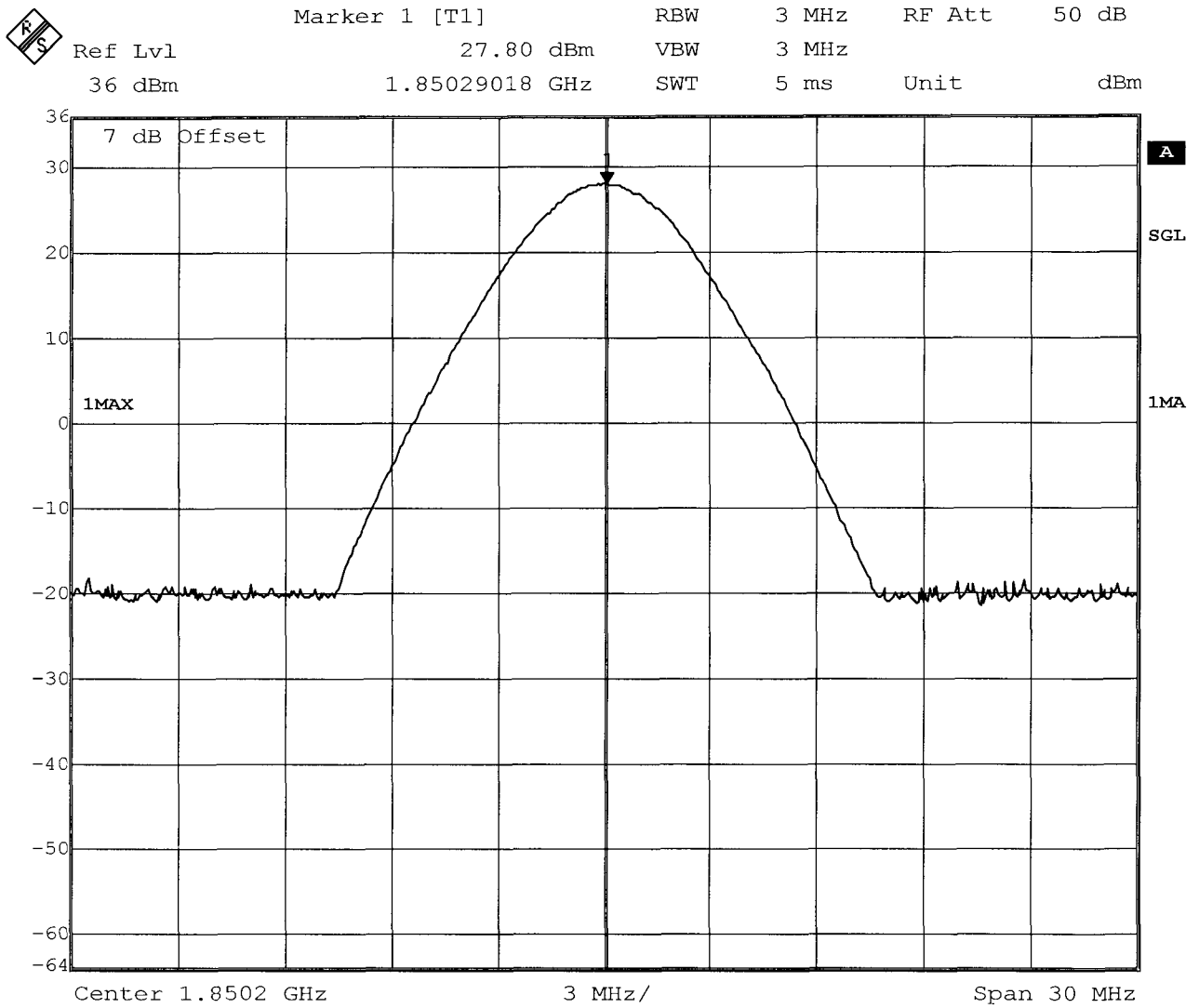


Date: 14.FEB.2007 19:19:25

Measurement diagram

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

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 512



Date: 14.FEB.2007 19:40:52

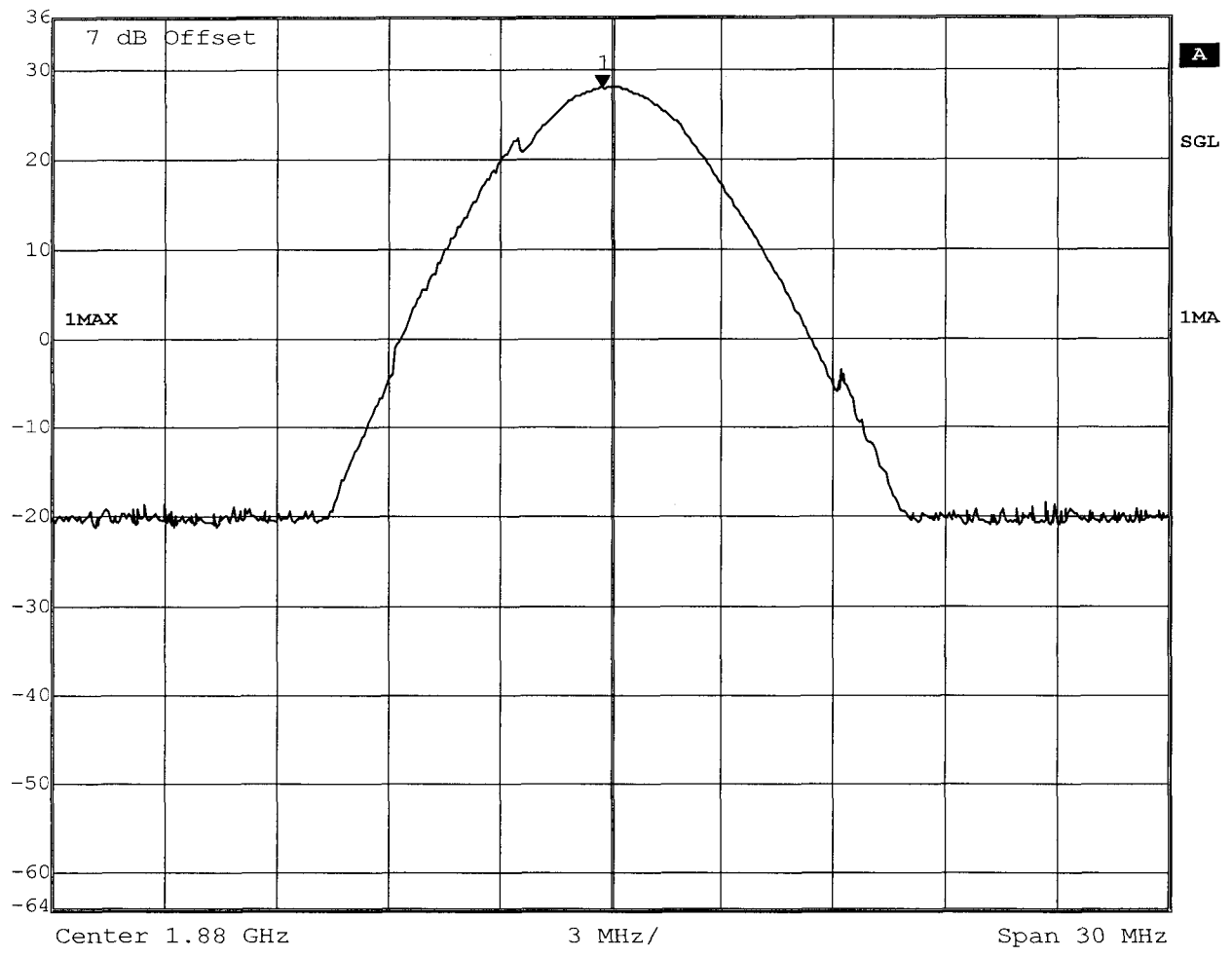
Measurement diagram

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

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 661



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	27.87 dBm	VBW	3 MHz	
36 dBm	1.87978958 GHz	SWT	5 ms	Unit dBm

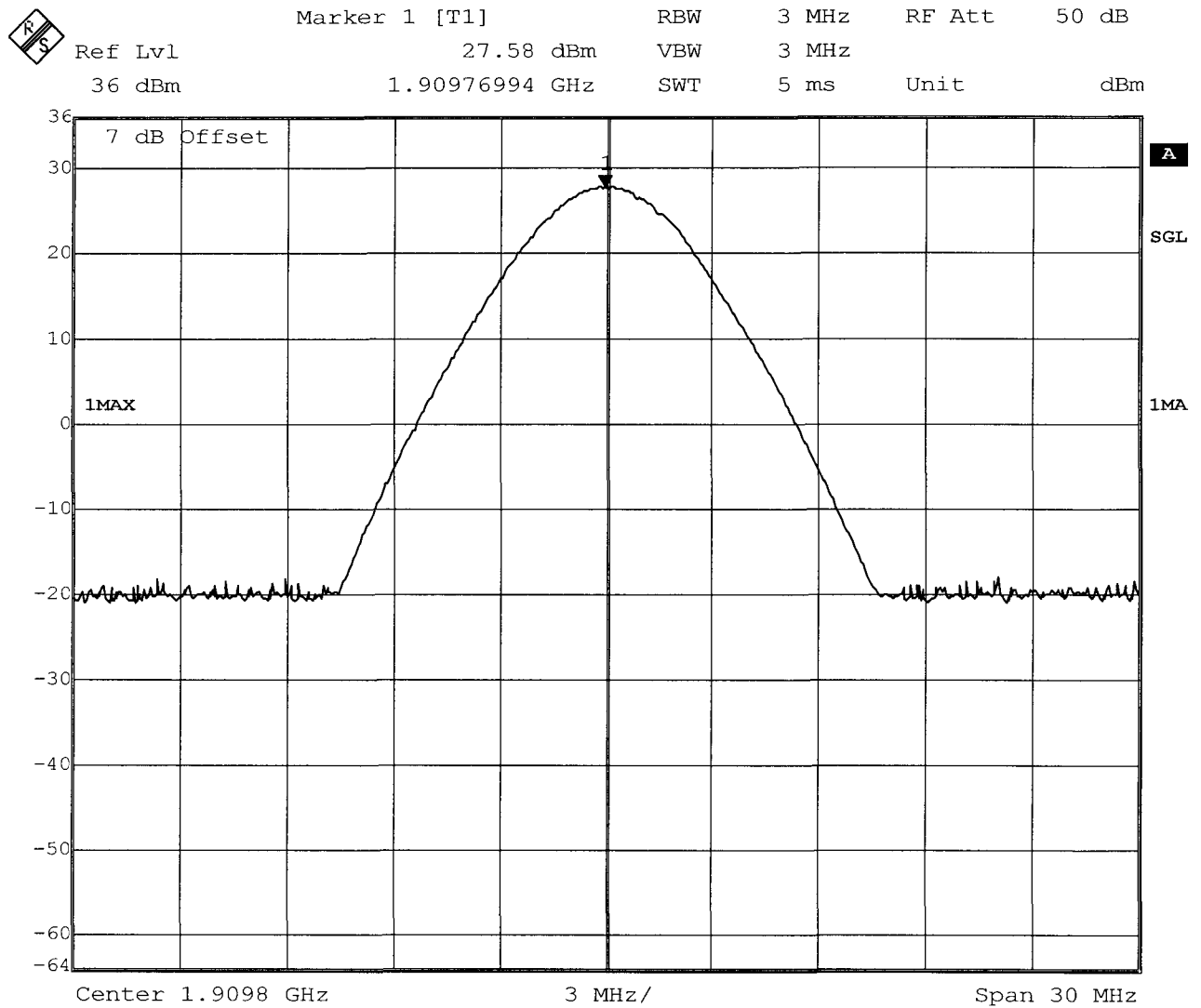


Date: 14.FEB.2007 19:39:58

Measurement diagram

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

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 810



Date: 14.FEB.2007 19:39:14

Measurement diagram

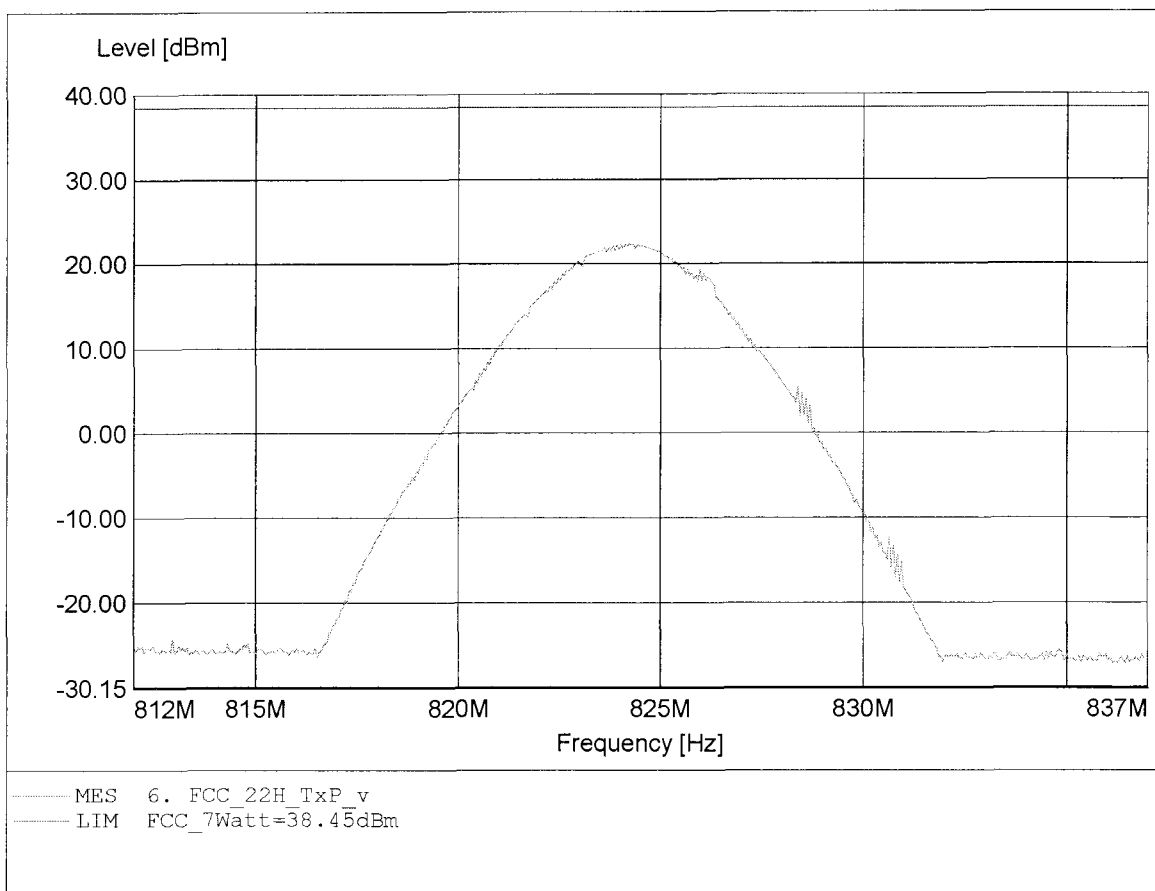
## Appendix C

RF power output radiated



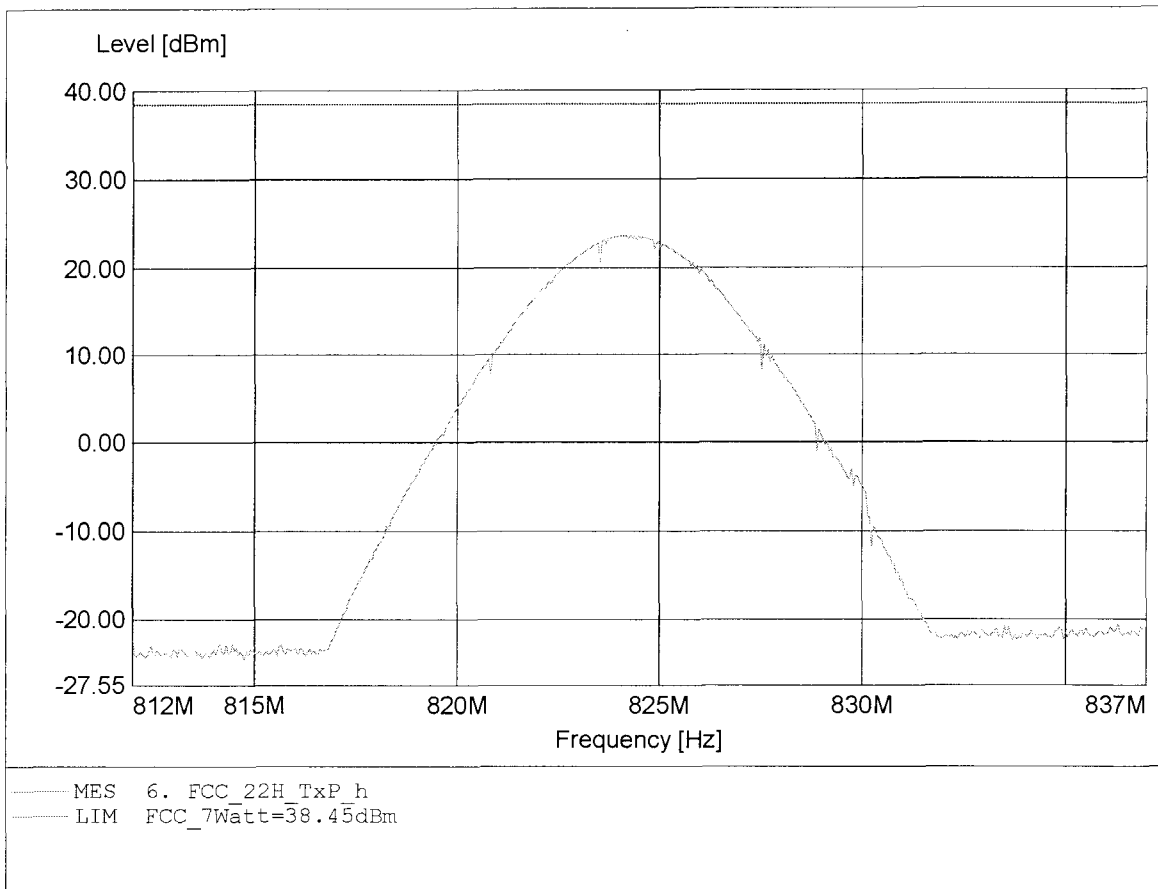
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.124MHz, Pmax: 22.33dBm, RBW: 3MHz



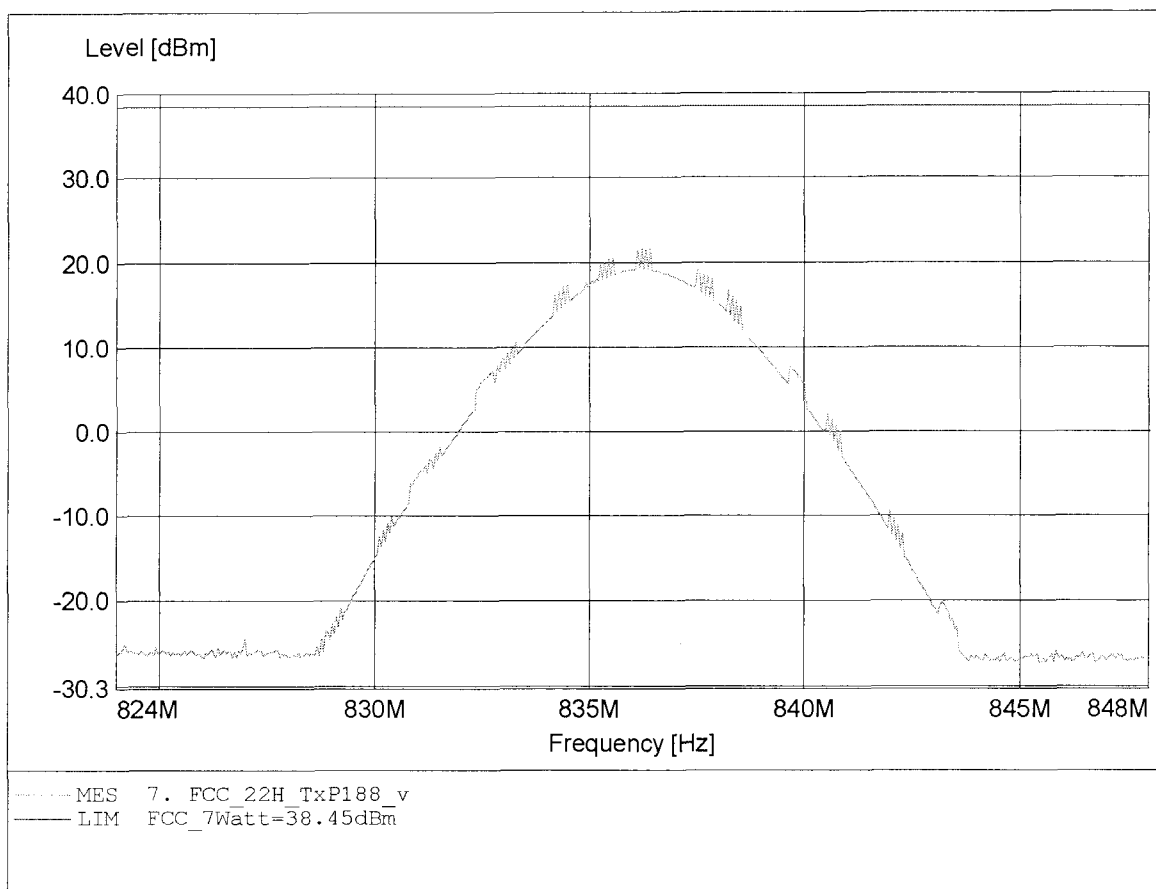
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 824.375MHz, Pmax: 23.62dBm, RBW: 3MHz



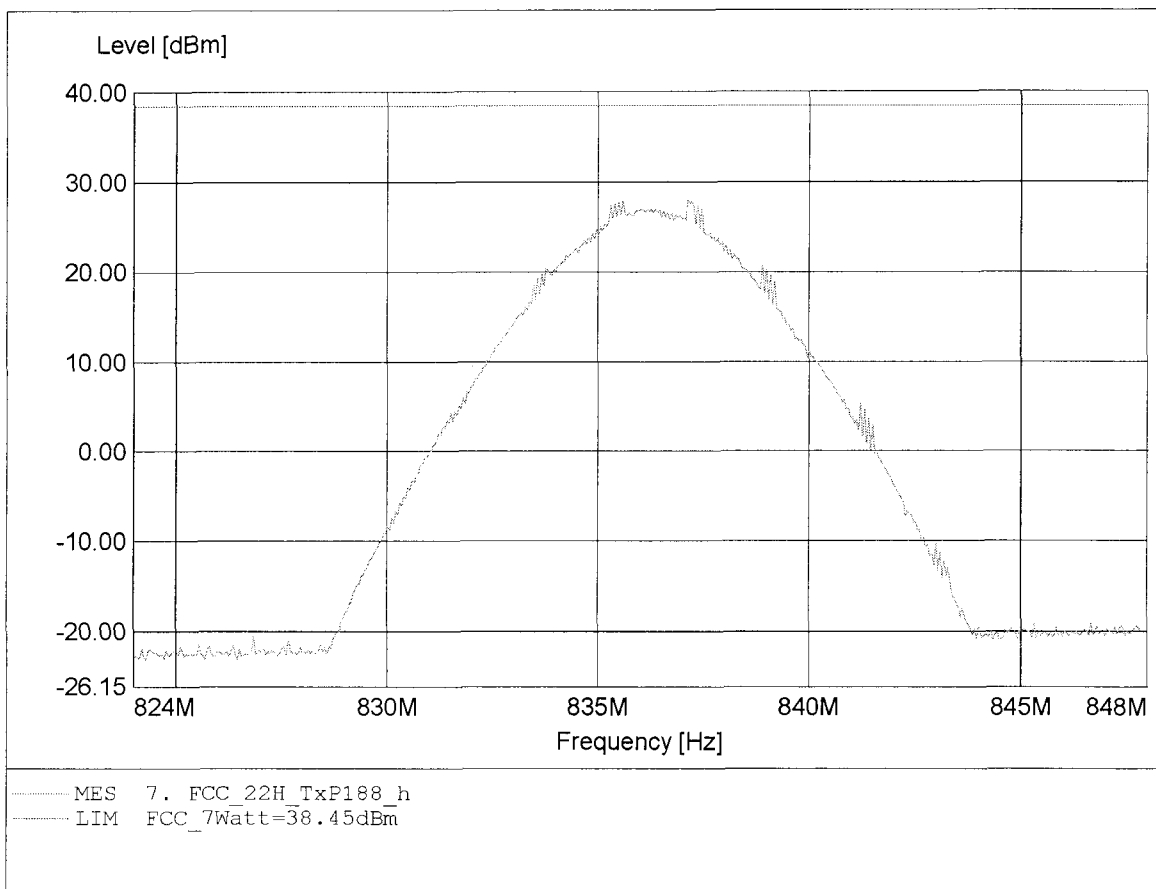
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 836.313MHz, Pmax: 21.64dBm, RBW: 3MHz



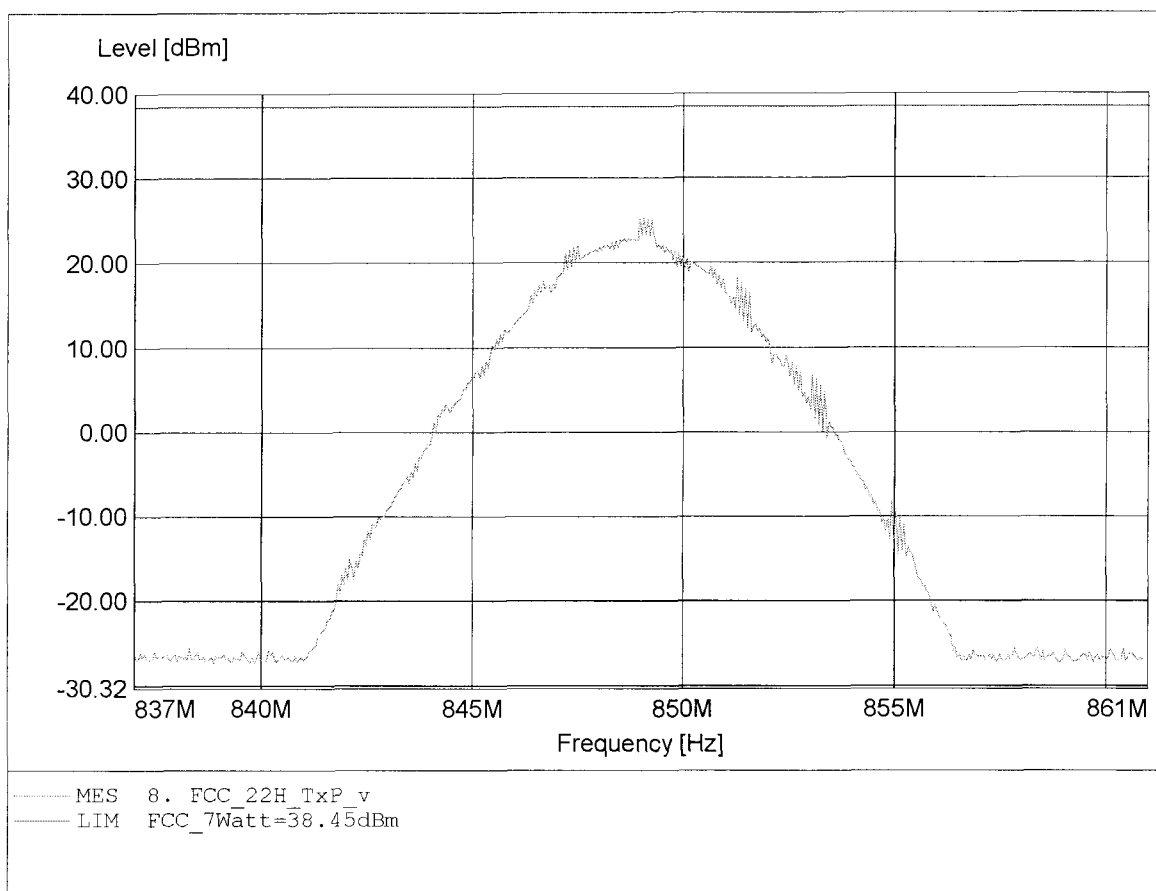
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 837.130MHz, Pmax: 28.02dBm, RBW: 3MHz



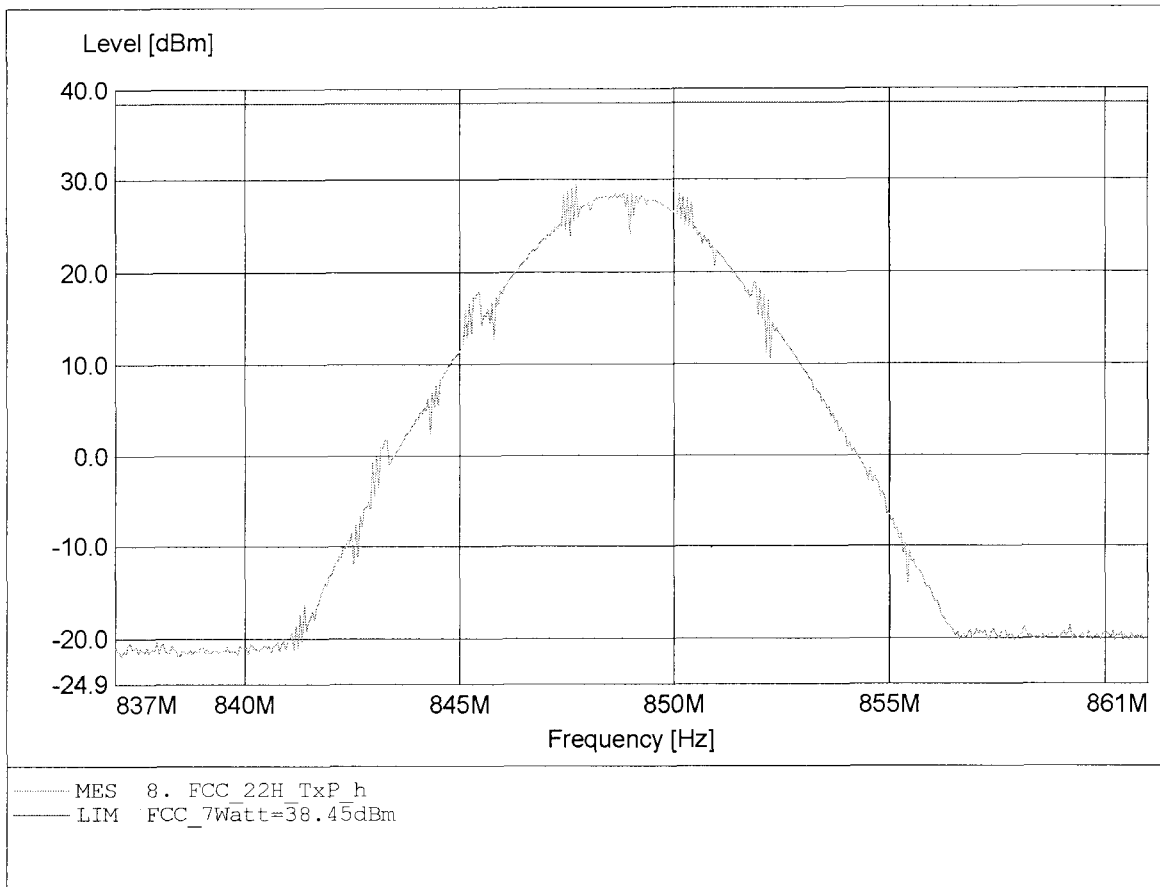
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 848.976MHz, Pmax: 25.28dBm, RBW: 3MHz



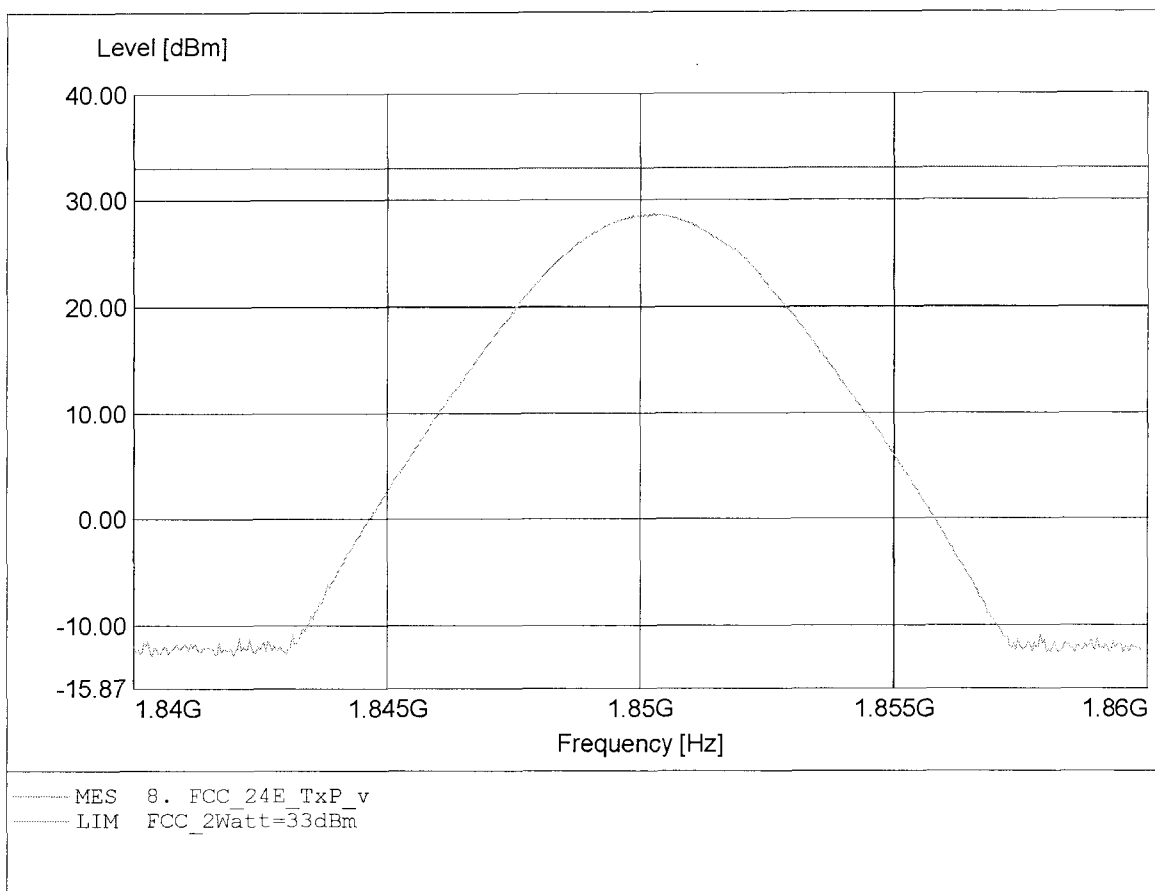
**Effective Radiated Power  
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.913  
Comment 1: Dist.: 3m, Ant.: HL223  
Comment 2: Freq: 847.725MHz, Pmax: 29.48dBm, RBW: 3MHz



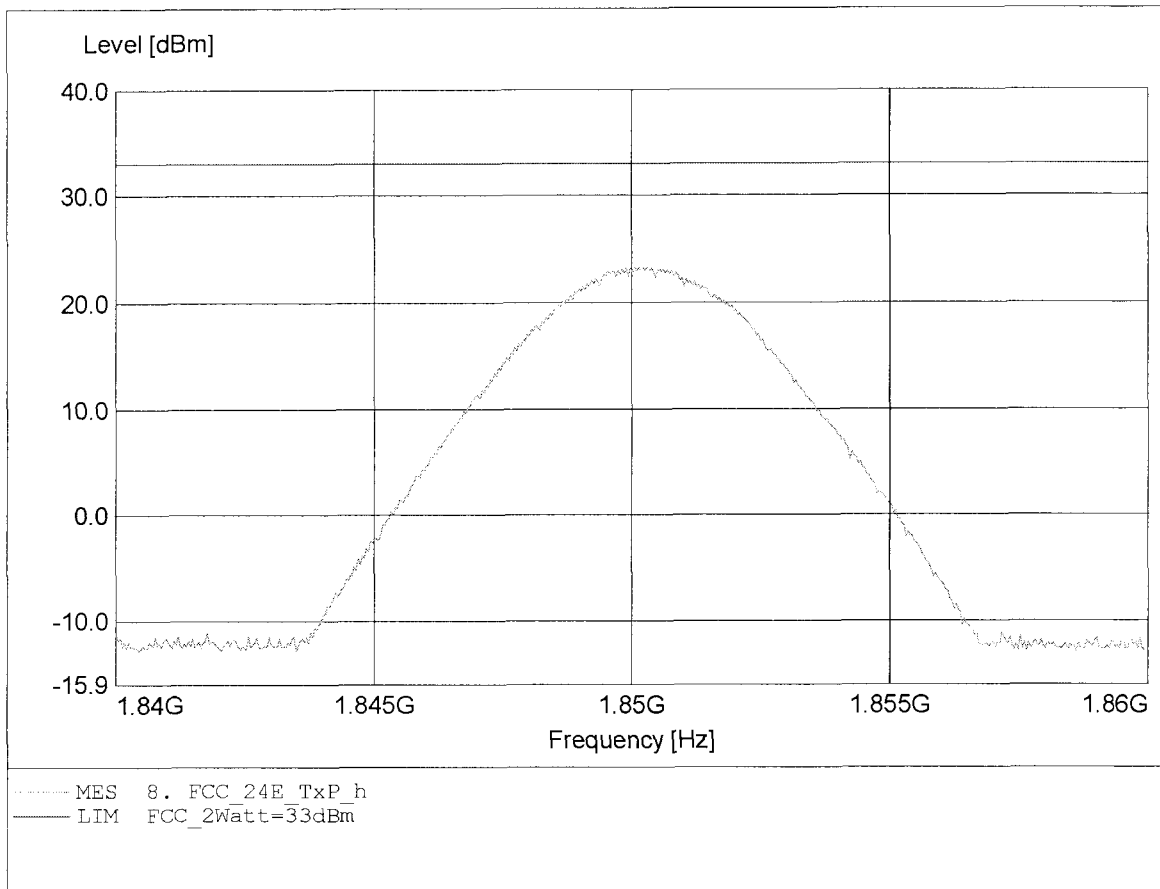
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 28.66dBm, RBW: 3MHz



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

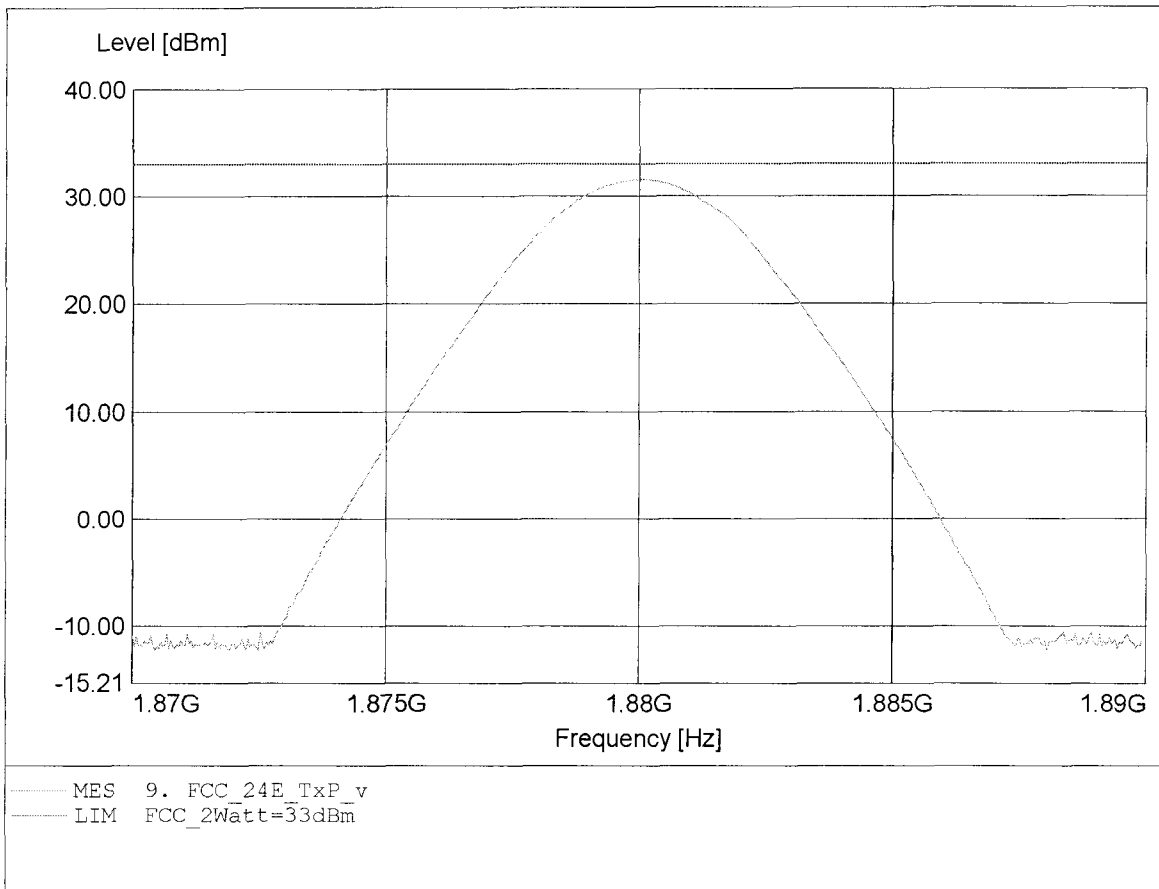
Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.850GHz, Pmax: 23.28dBm, RBW: 3MHz





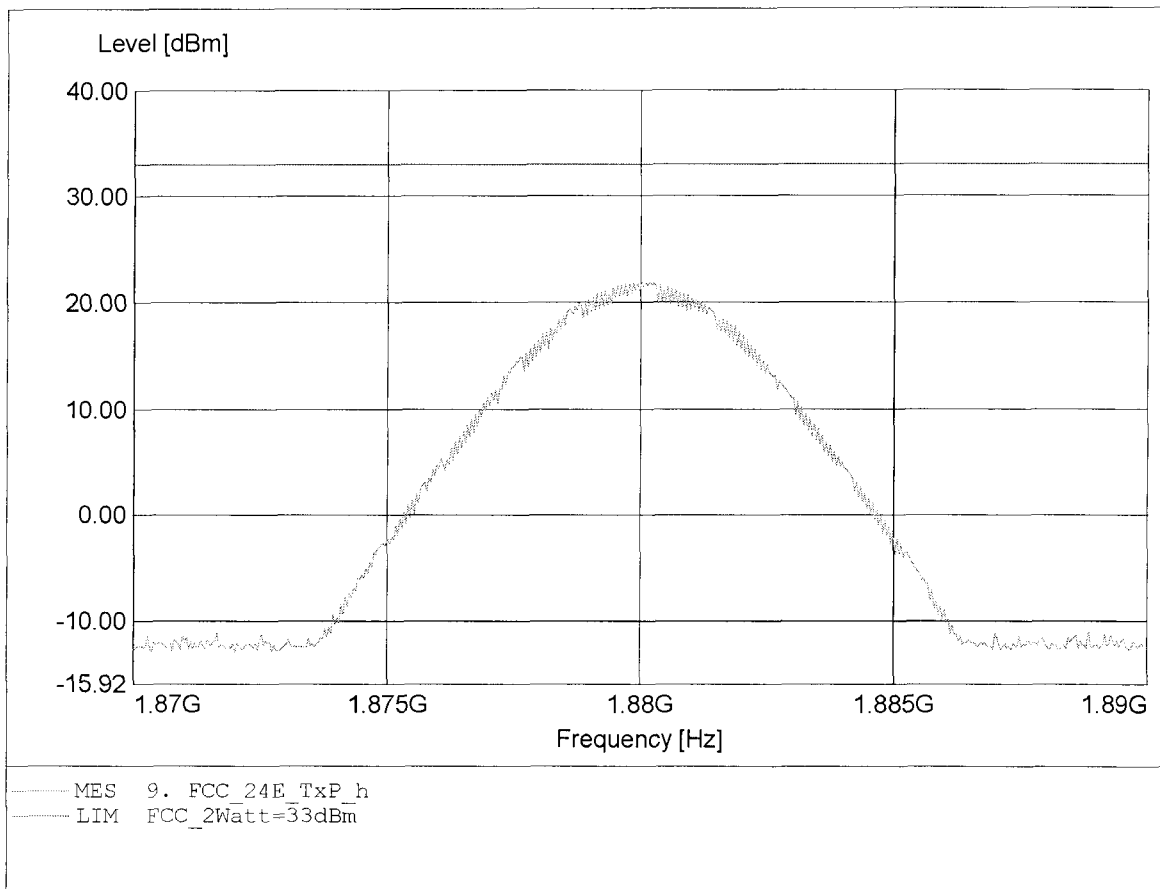
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 31.63dBm, RBW: 3MHz



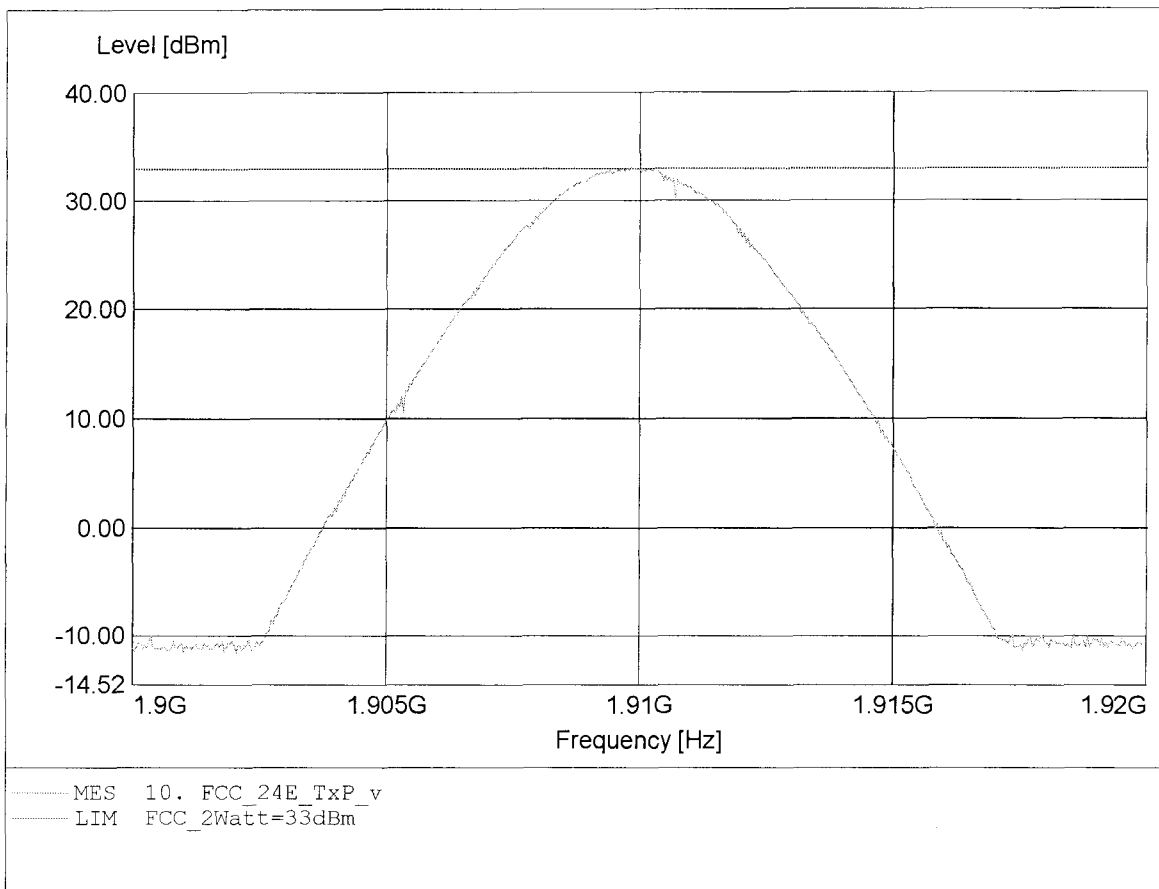
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.880GHz, Pmax: 21.81dBm, RBW: 3MHz



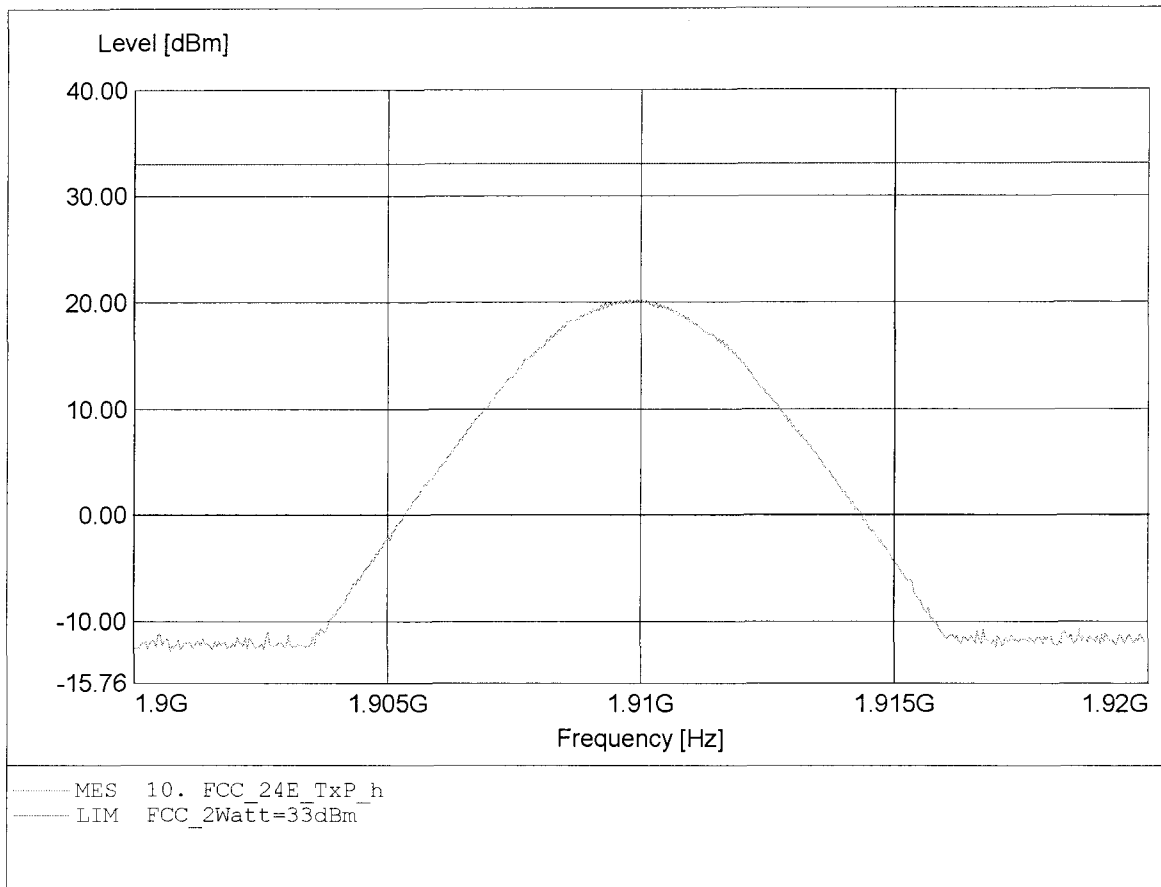
**Equivalent Isotropically Radiated Power  
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 33.06dBm, 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 & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.232  
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0  
Comment 2: Freq: 1.910GHz, Pmax: 20.22dBm, RBW: 3MHz



## Appendix D

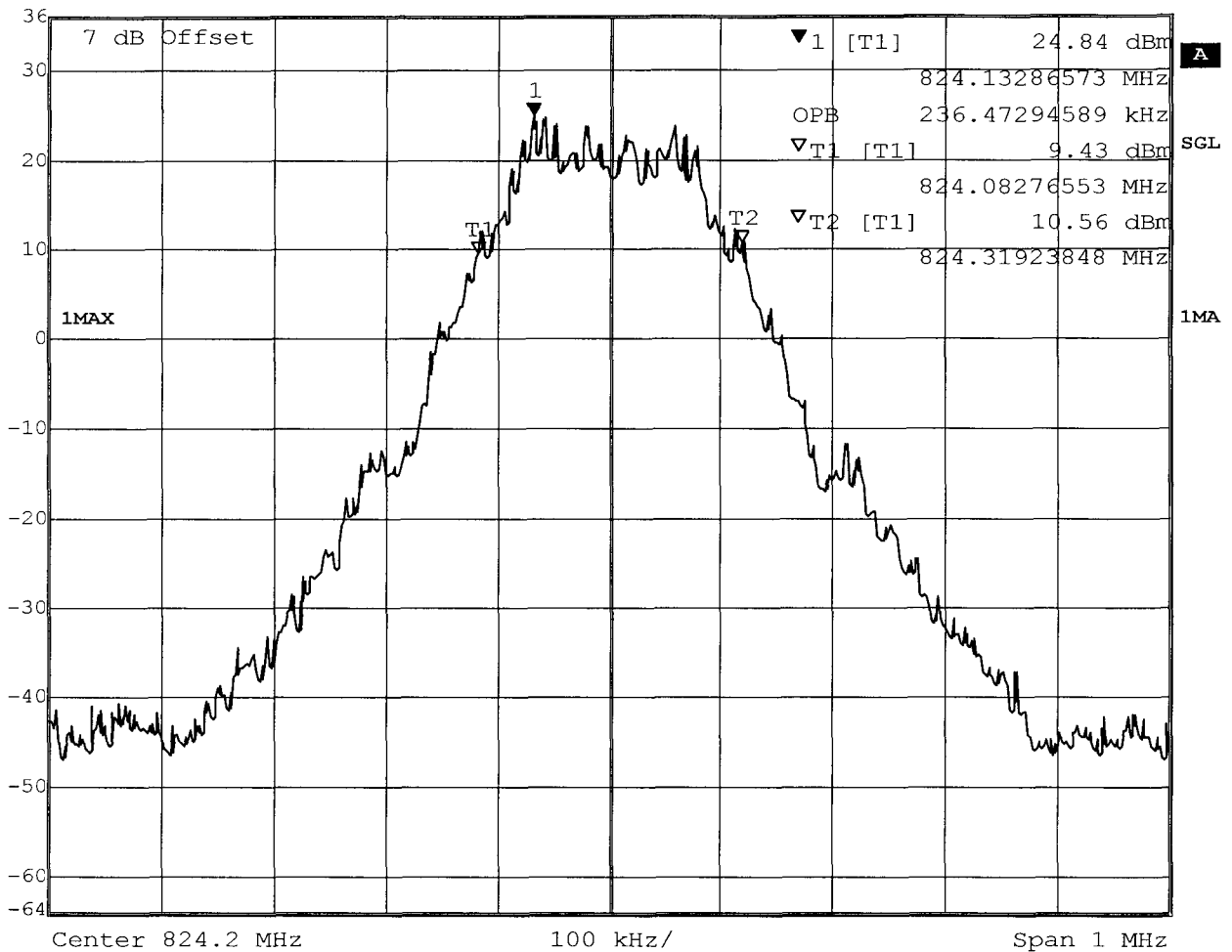
Occupied bandwidth, emission bandwidth

**FCC Part 22 H  
Occupied Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
 Model C150 Mode: EGPRS  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 3.70 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H  
 Comment 1 Channel: 128



Ref Lvl	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
36 dBm	24.84 dBm	VBW	3 kHz		
	824.13286573 MHz	SWT	280 ms	Unit	dBm

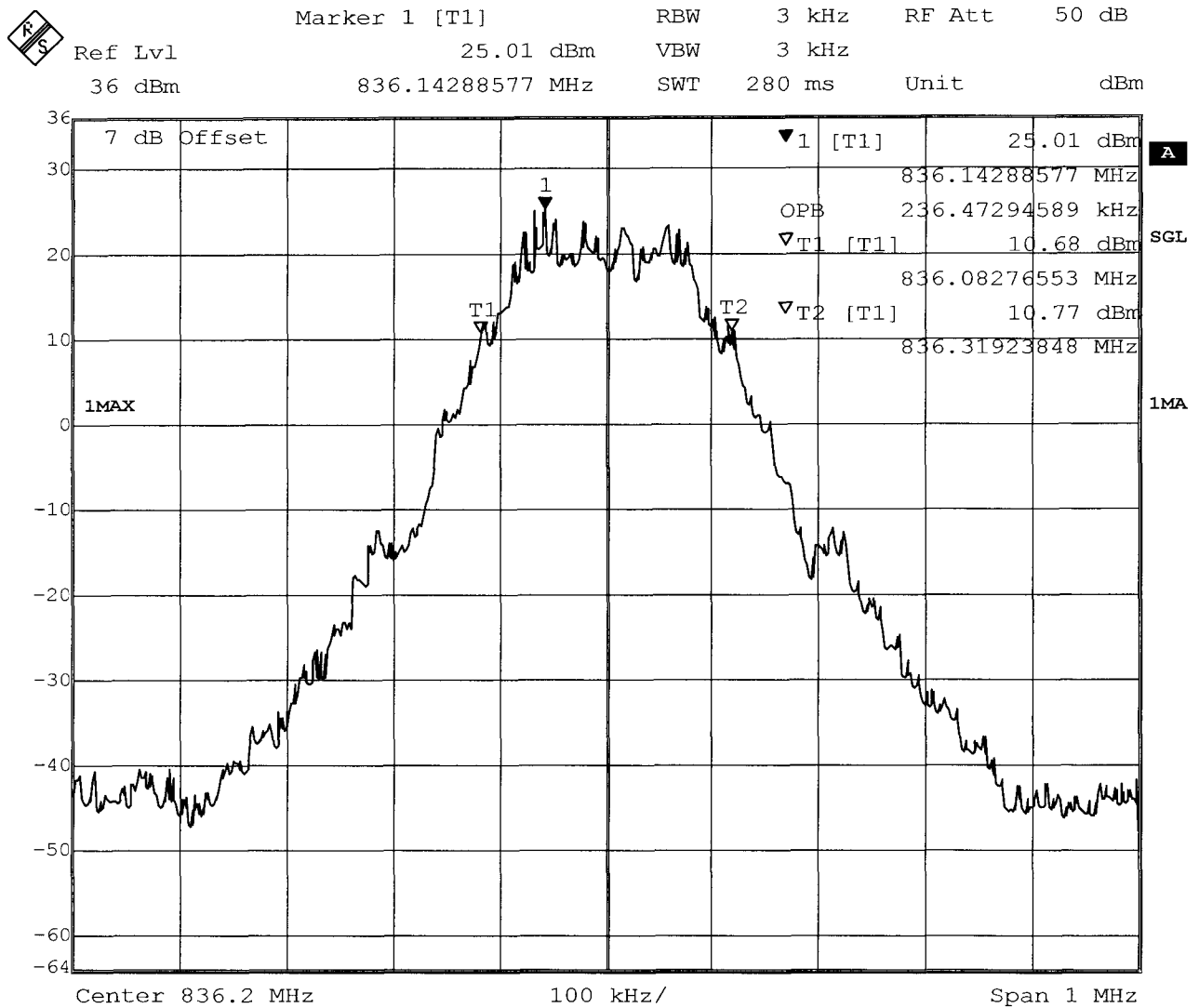


Date: 14.FEB.2007 19:25:20

Measurement diagram

**FCC Part 22 H  
Occupied Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
 Model C150 Mode: EGPRS  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 3.70 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H  
 Comment 1 Channel: 188

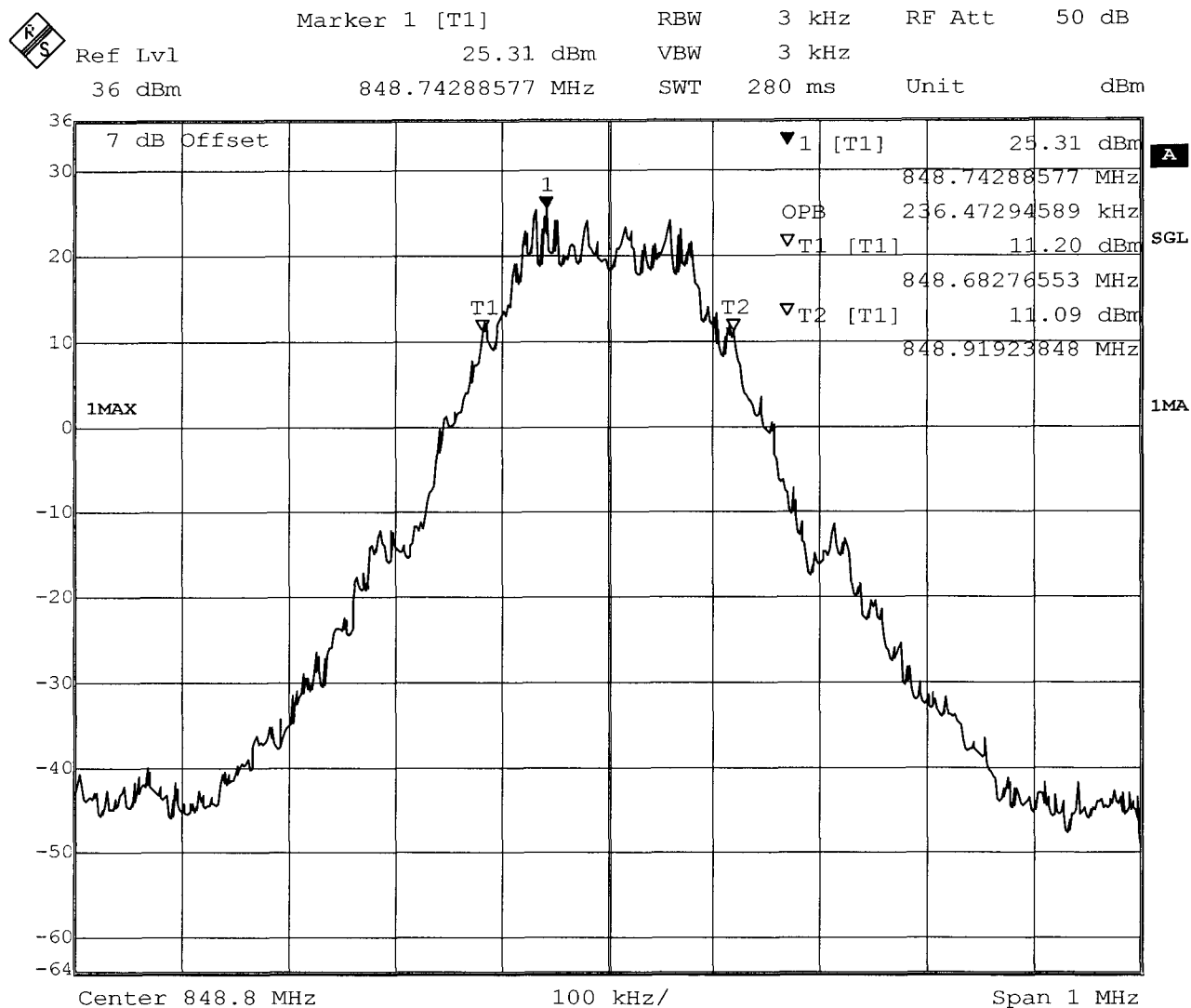


Date: 14.FEB.2007 19:26:07

Measurement diagram

**FCC Part 22 H  
Occupied Bandwidth**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 251



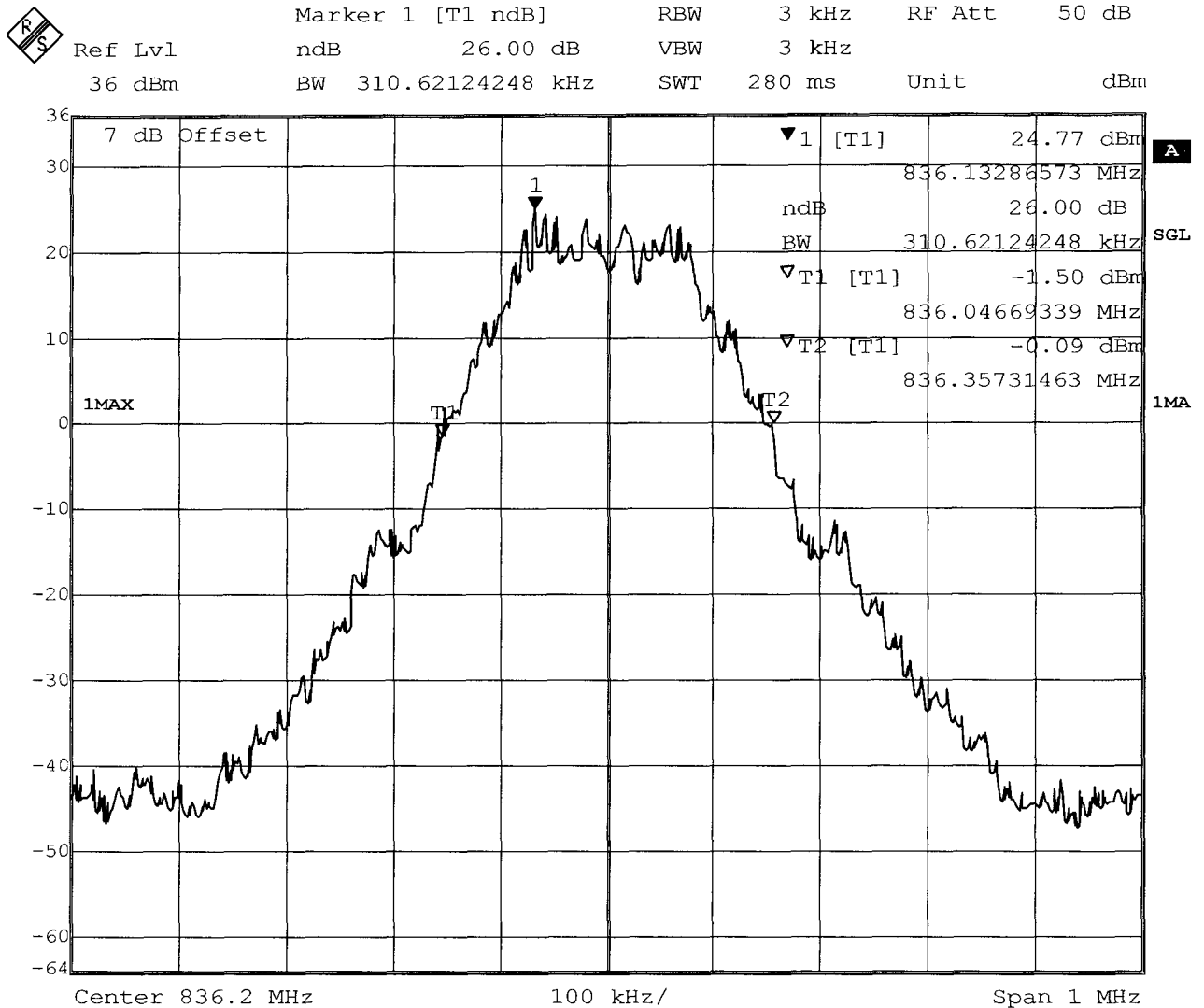
Date: 14.FEB.2007 19:26:57

Measurement diagram



**FCC Part 22 H  
Emission Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
 Model C150 Mode: EGPRS  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 3.70 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H  
 Comment 1 Channel: 188  
 Comment 2 -26 dB Emission Bandwidth

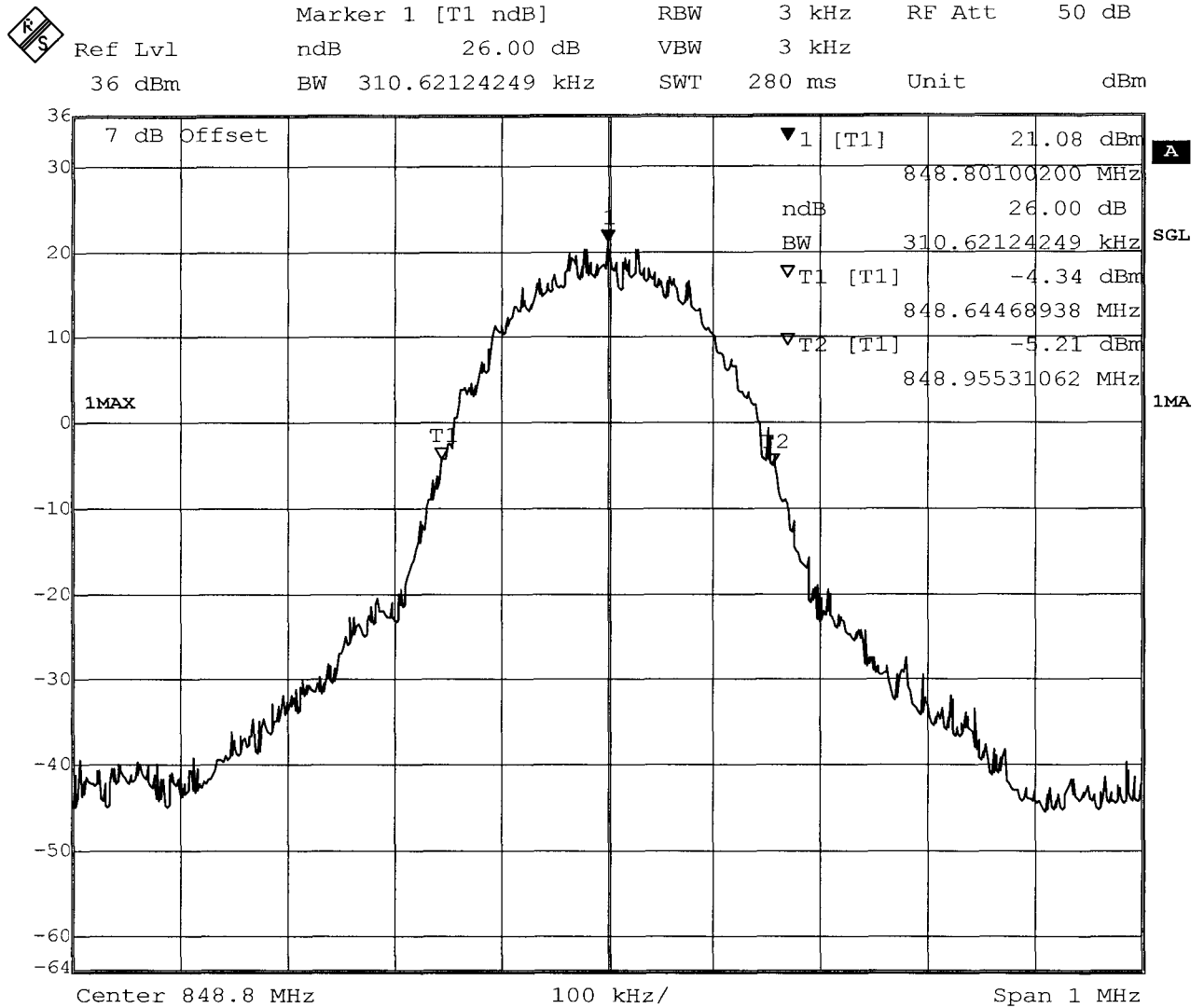


Date: 14.FEB.2007 19:23:33

Measurement diagram

**FCC Part 22 H  
Emission Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
 Model C150 Mode: EGPRS  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 3.70 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 22 Subpart H  
 Comment 1 Channel: 251  
 Comment 2 -26 dB Emission Bandwidth



Date: 14.FEB.2007 19:21:01

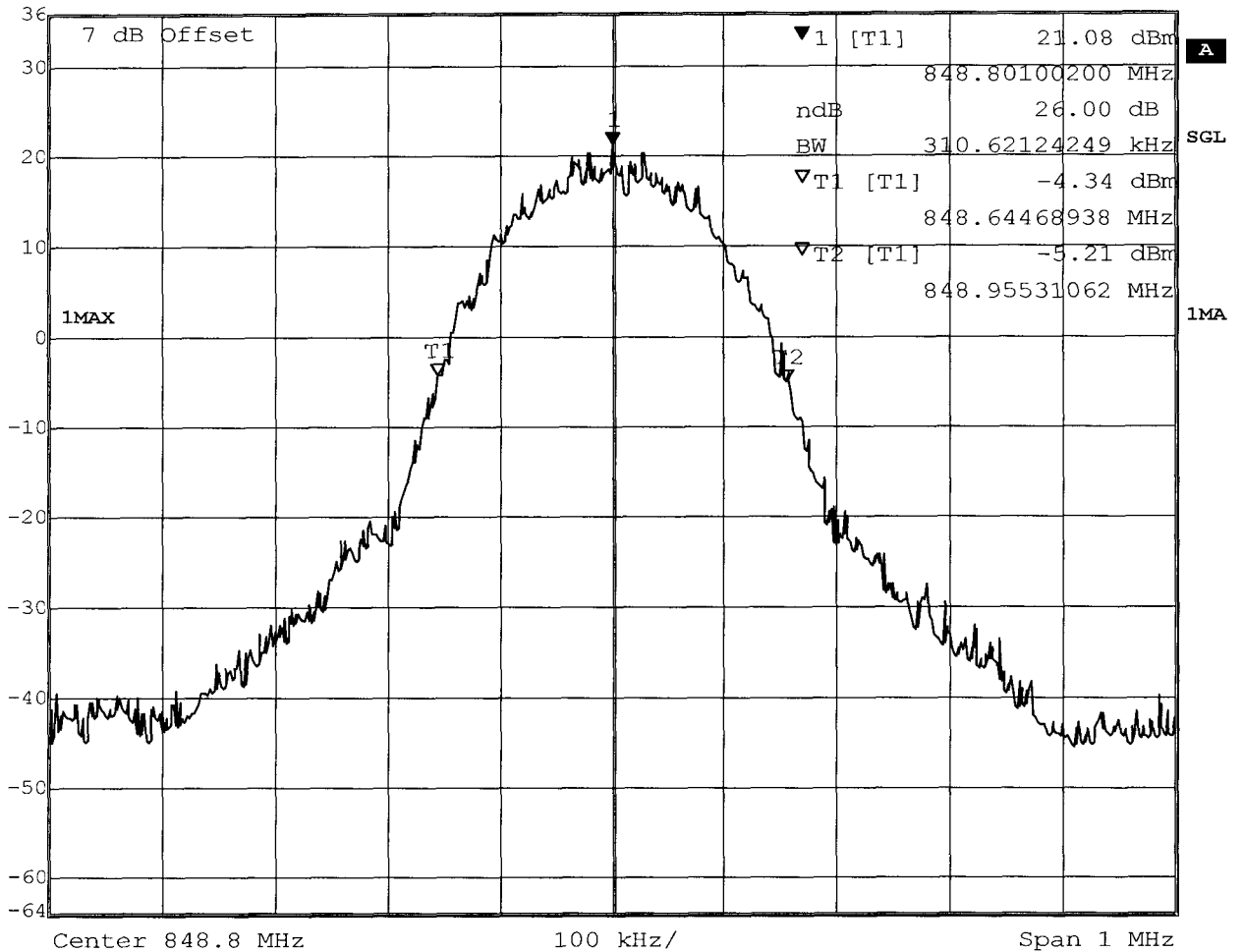
Measurement diagram

**FCC Part 22 H  
Emission Bandwidth**

EUT                    TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
 Model                C150      Mode: EGPRS  
 Approval Holder     PANTECH CO., LTD.  
 Temperature / Voltage   23°C / Unom.: 3.70 V DC  
 Test Site / Operator   ETS / Mr. Schlaps  
 Test Specification    FCC Part 22 Subpart H  
 Comment 1            Channel: 251  
 Comment 2            -26 dB Emission Bandwidth



Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
RefLvl	ndB	26.00 dB	VBW	3 kHz
36 dBm	BW	310.62124249 kHz	SWT	280 ms
			Unit	dBm



Date: 14.FEB.2007 19:21:01

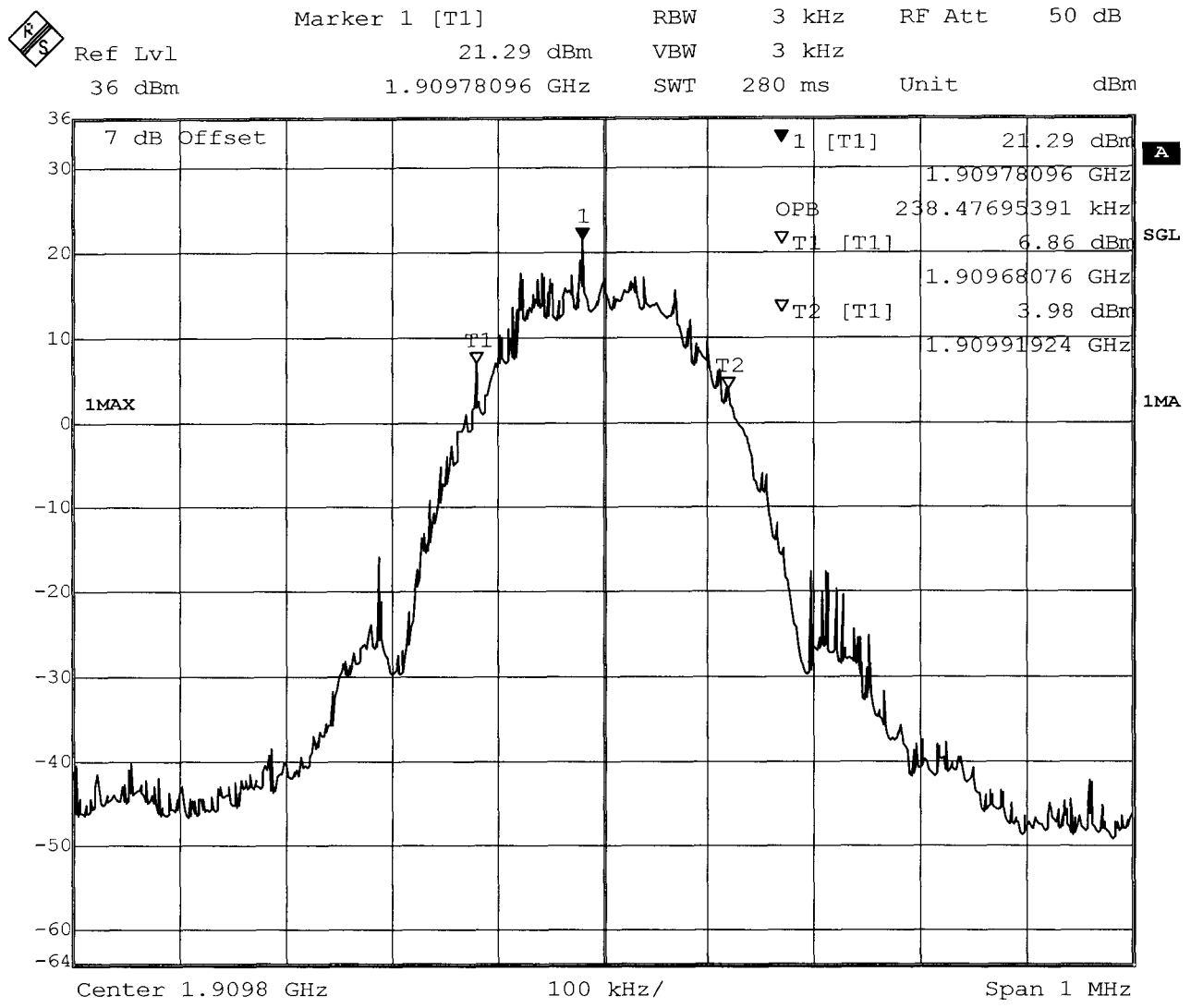
Measurement diagram





**FCC Part 24 E  
Occupied Bandwidth**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 810

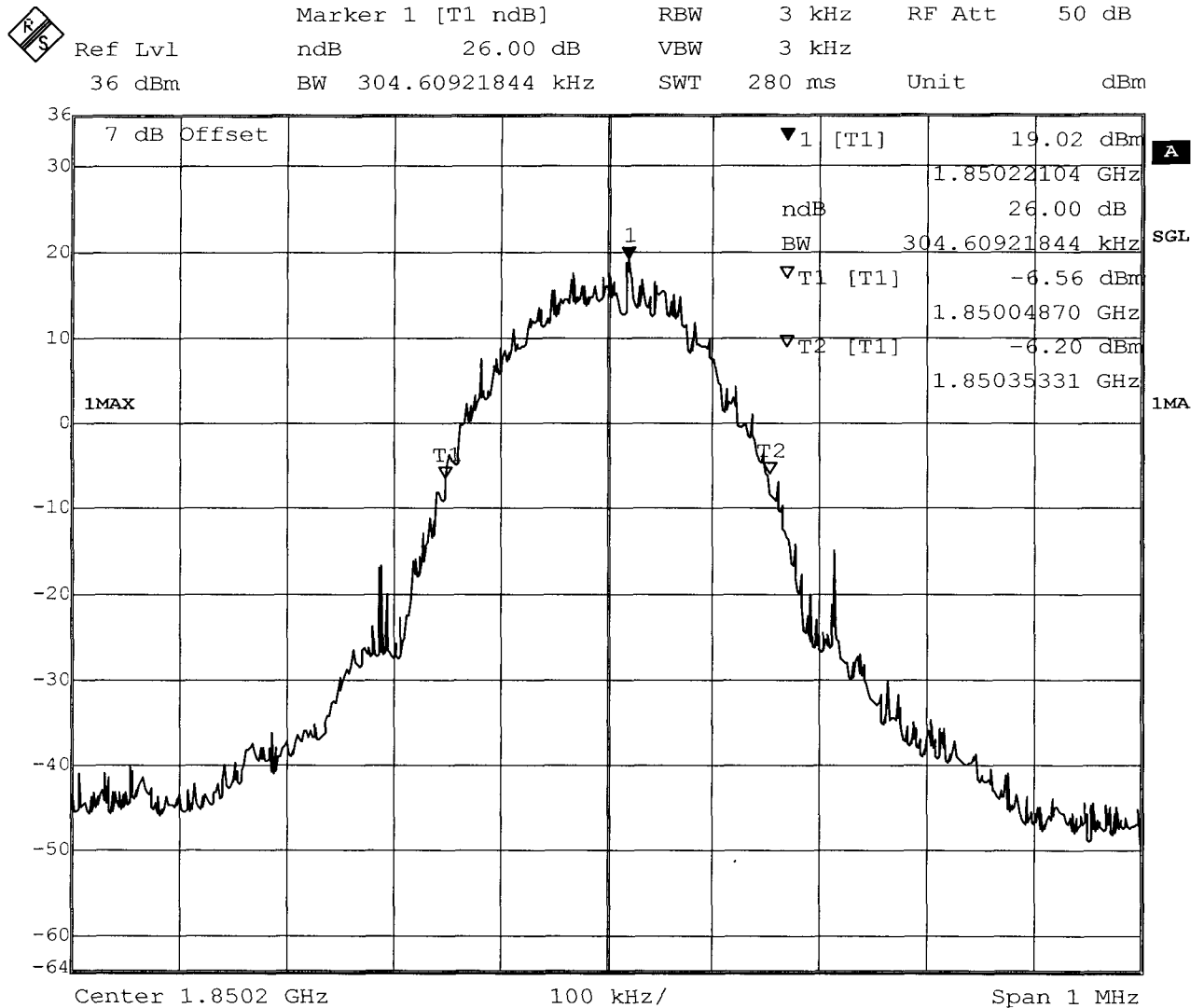


Date: 14.FEB.2007 19:32:26

Measurement diagram

**FCC Part 24 E  
Emission Bandwidth**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 512
Comment 2	-26 dB Emission Bandwidth

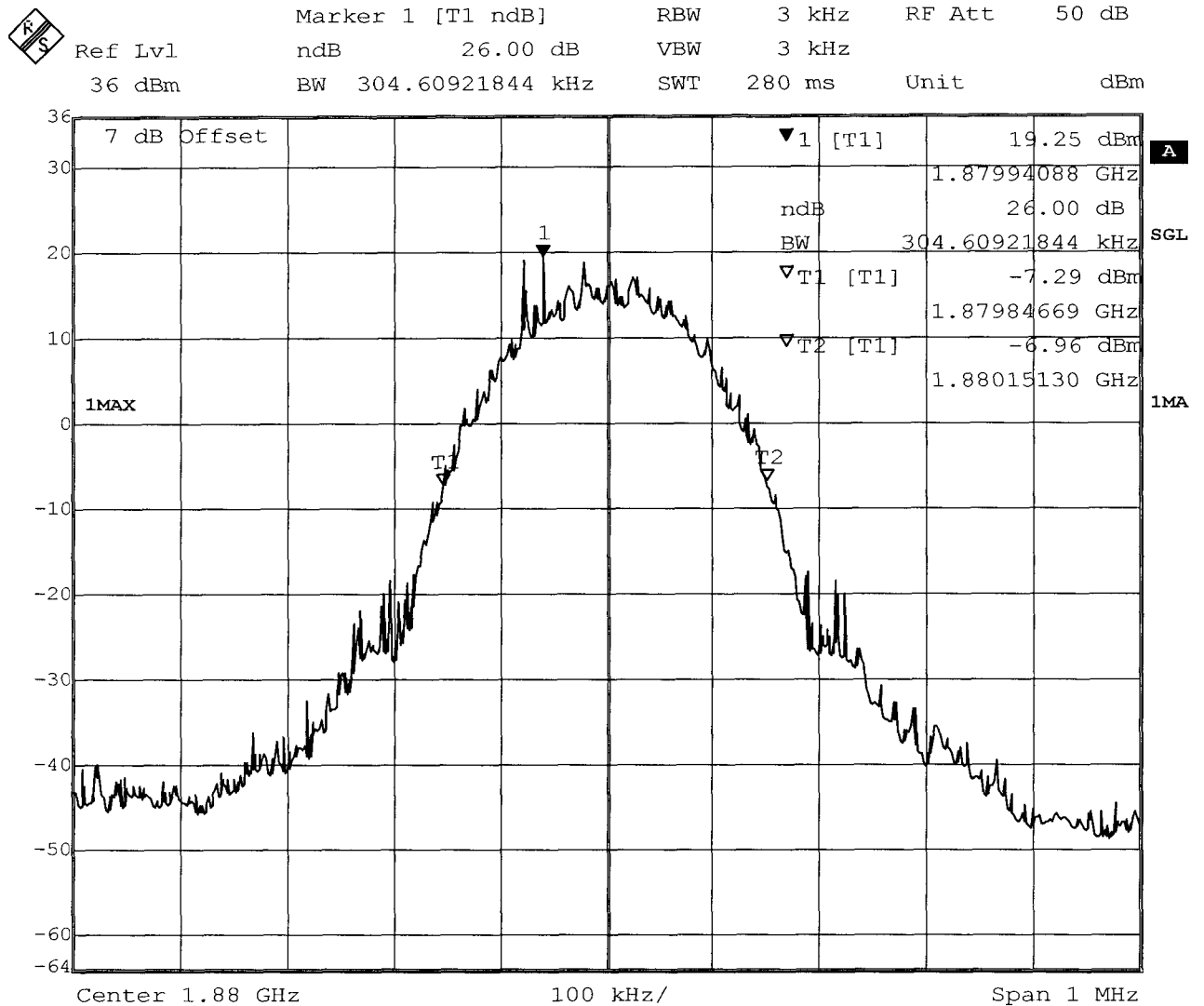


Date: 14.FEB.2007 19:36:09

Measurement diagram

**FCC Part 24 E  
Emission Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
 Model C150 Mode: EGPRS  
 Approval Holder PANTECH CO., LTD.  
 Temperature / Voltage 23°C / Unom.: 3.70 V DC  
 Test Site / Operator ETS / Mr. Schlaps  
 Test Specification FCC Part 24 Subpart E  
 Comment 1 Channel: 661  
 Comment 2 -26 dB Emission Bandwidth



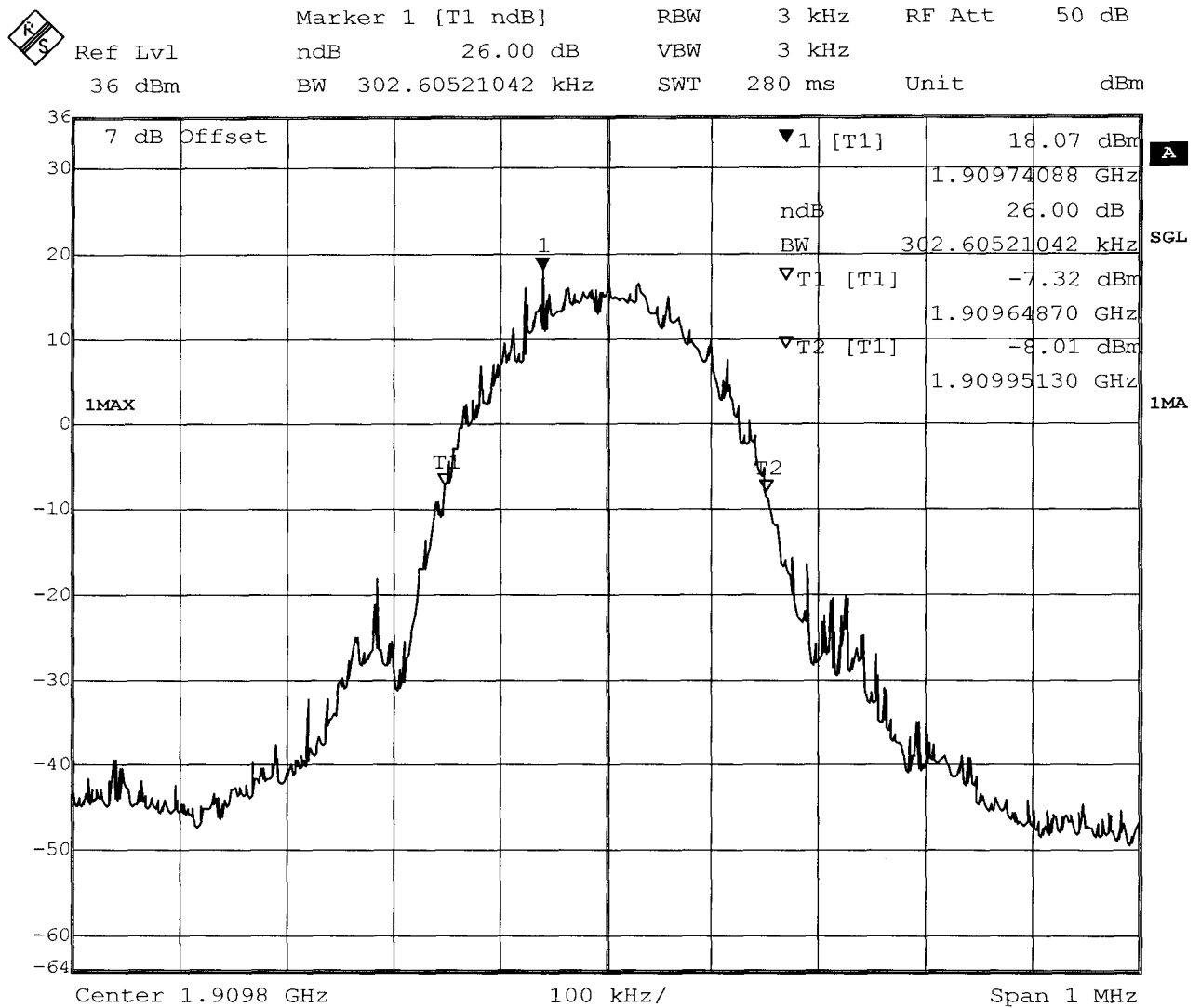
Date: 14.FEB.2007 19:37:00

Measurement diagram



**FCC Part 24 E  
Emission Bandwidth**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 810
Comment 2	-26 dB Emission Bandwidth



Date: 14.FEB.2007 19:38:35

Measurement diagram

## Appendix E

Frequency stability

## Appendix F

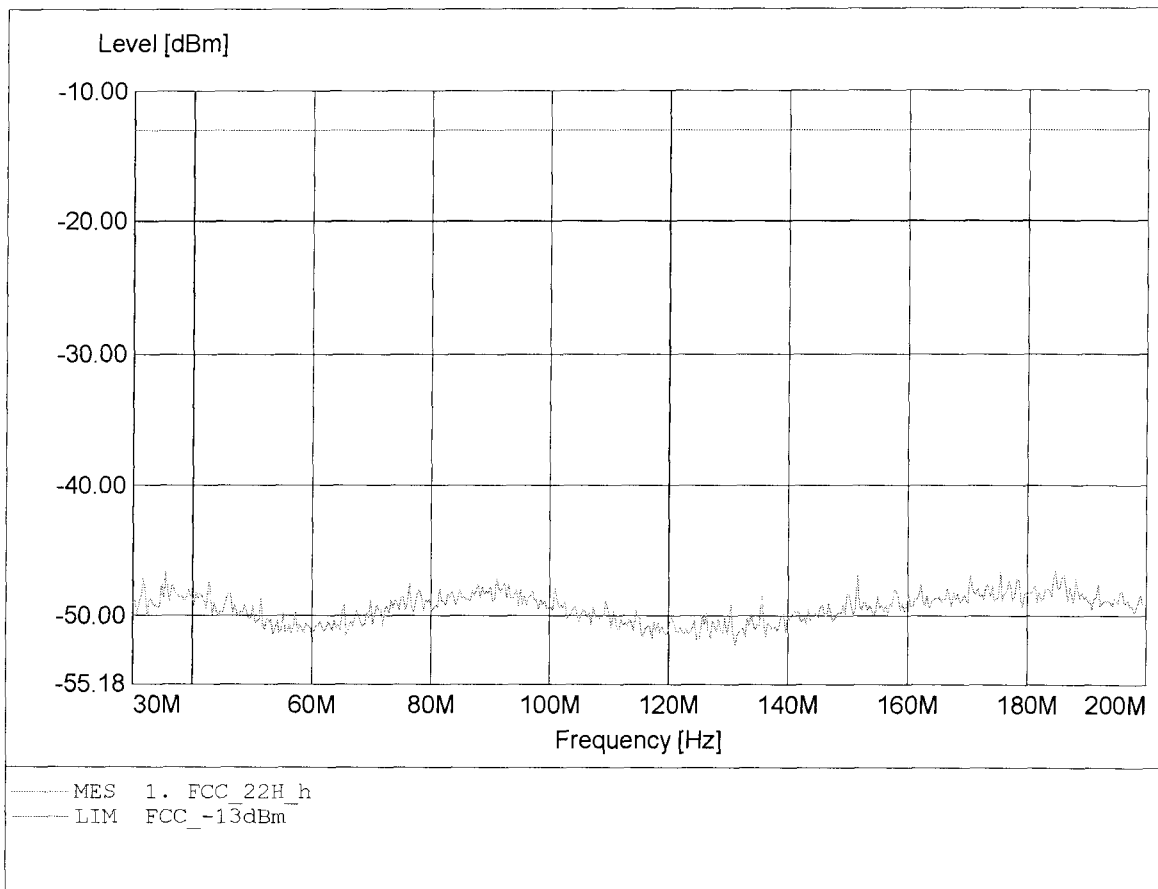
Spurious emission conducted (antenna terminal)

## Appendix G

Spurious emission radiated

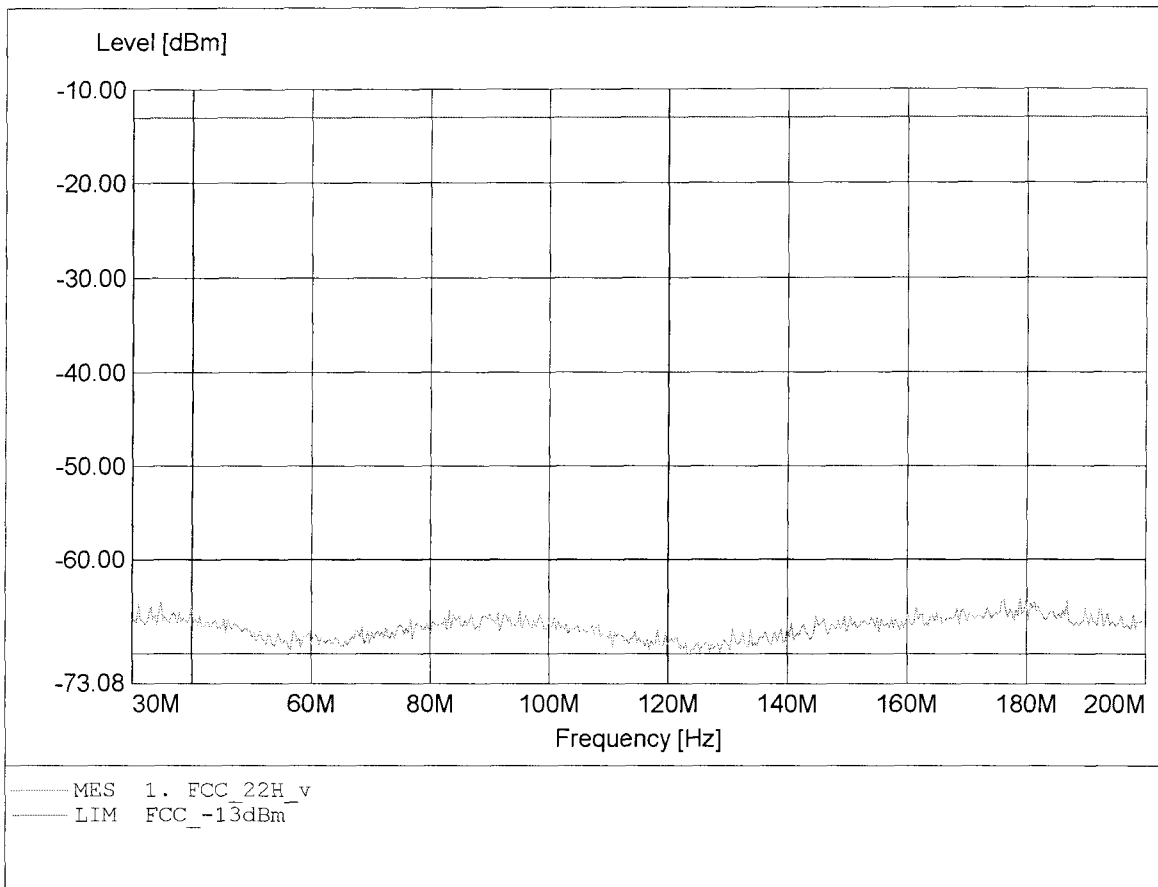
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 184.669MHz, Pmax: -46.61dBm, RBW: 100kHz



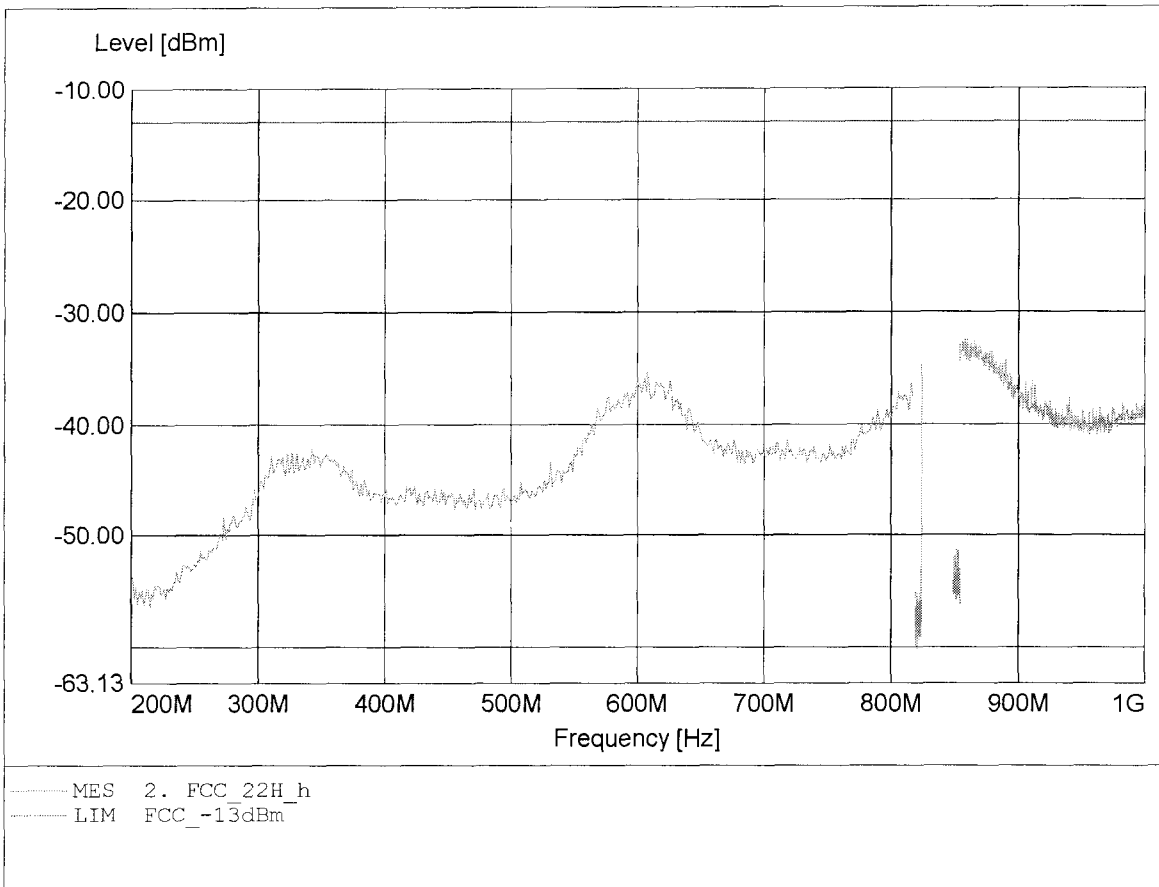
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 178.878MHz, Pmax: -64.10dBm, RBW: 100kHz



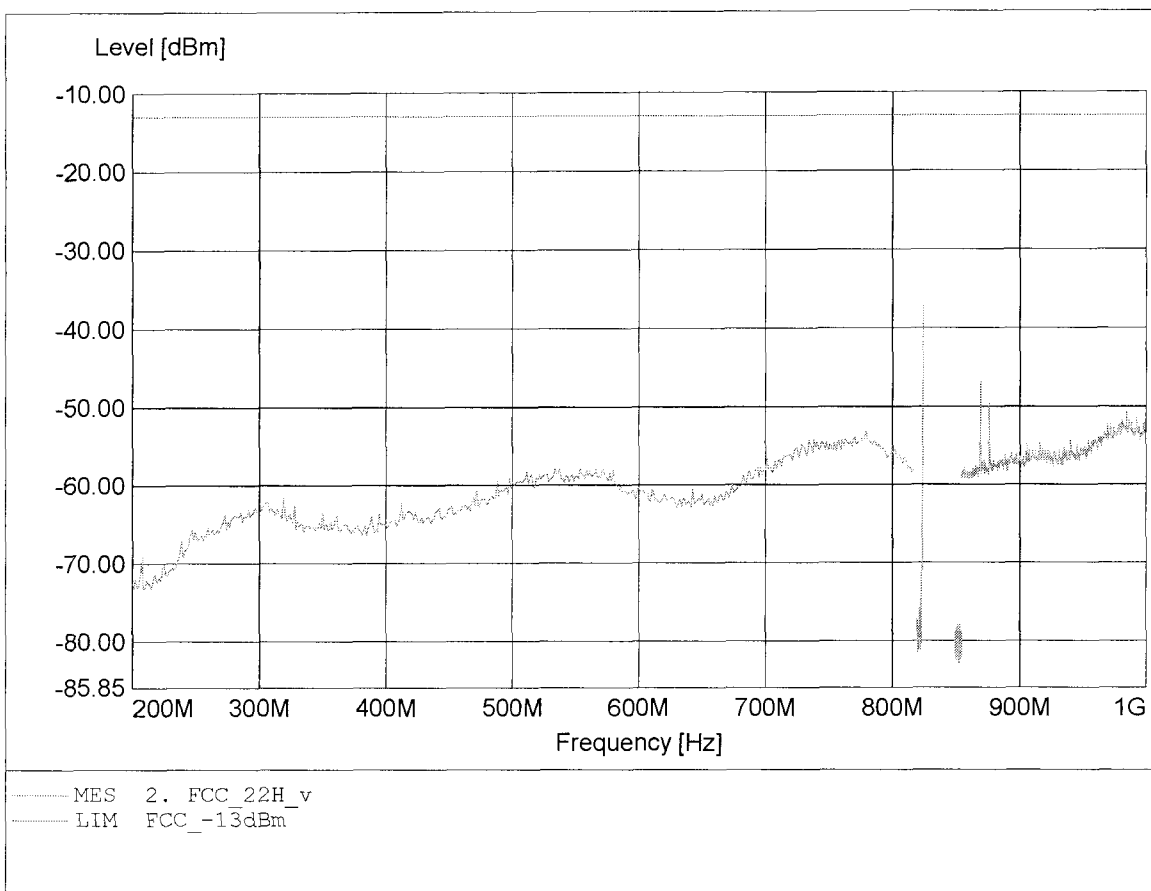
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 859.852MHz, Pmax: -32.45dBm, RBW: 100kHz



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

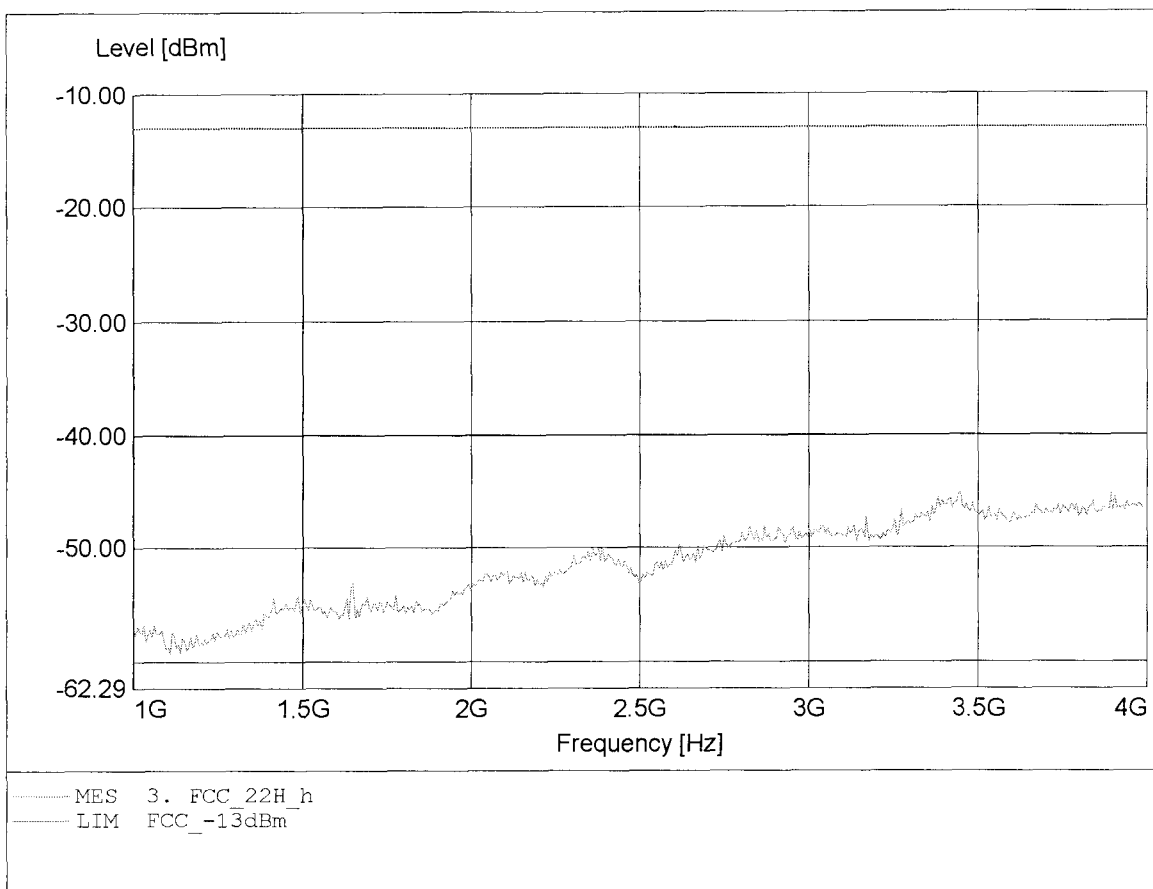
Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 823.980MHz, Pmax: -37.25dBm, RBW: 100kHz





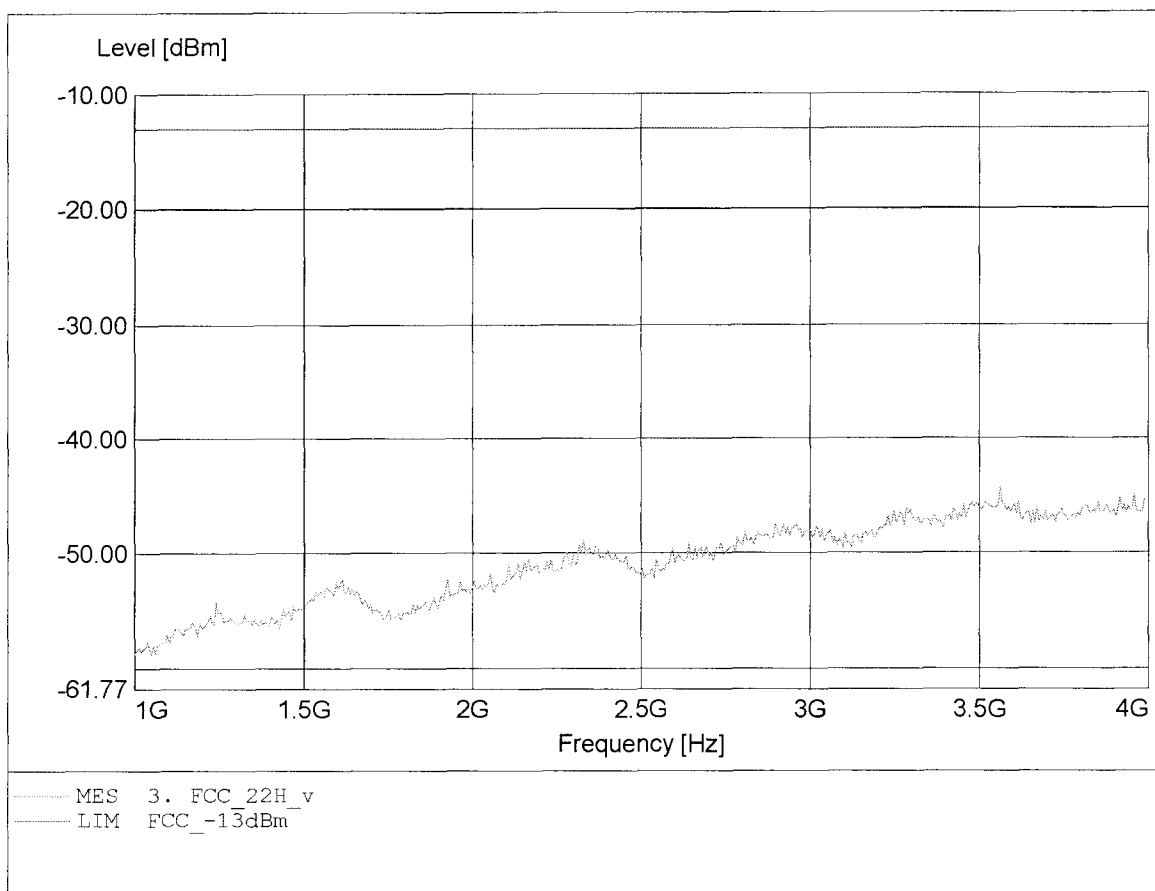
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 3.447GHz, Pmax: -45.15dBm, RBW: 1MHz



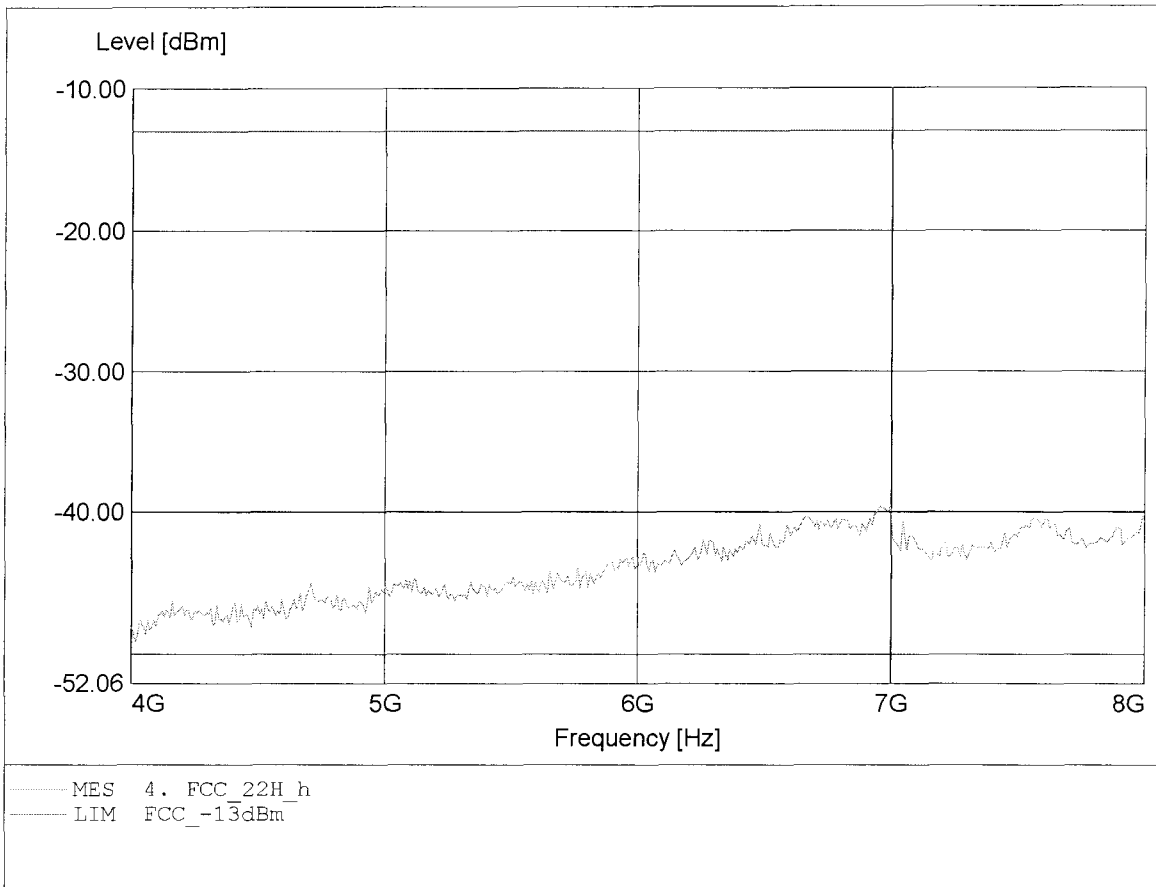
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 3.561GHz, Pmax: -44.31dBm, RBW: 1MHz



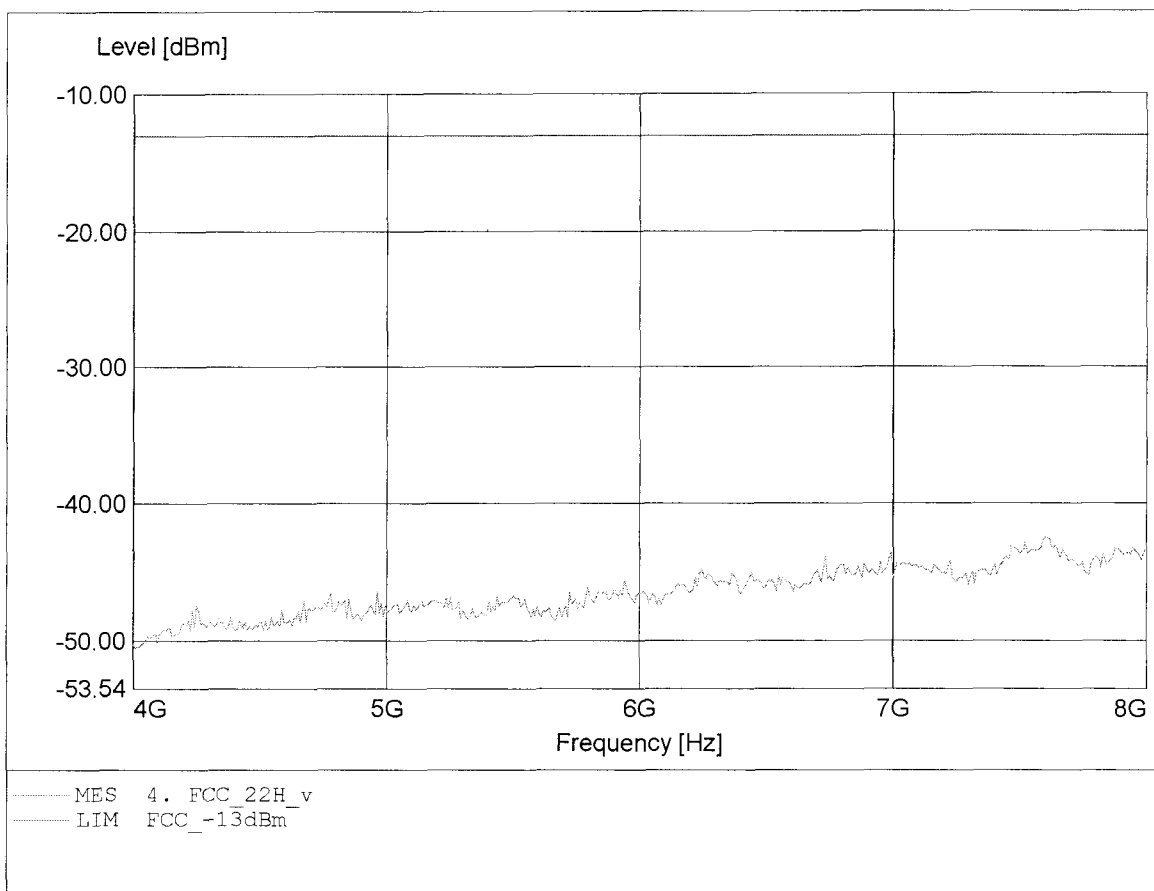
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.998GHz, Pmax: -39.41dBm, RBW: 1MHz



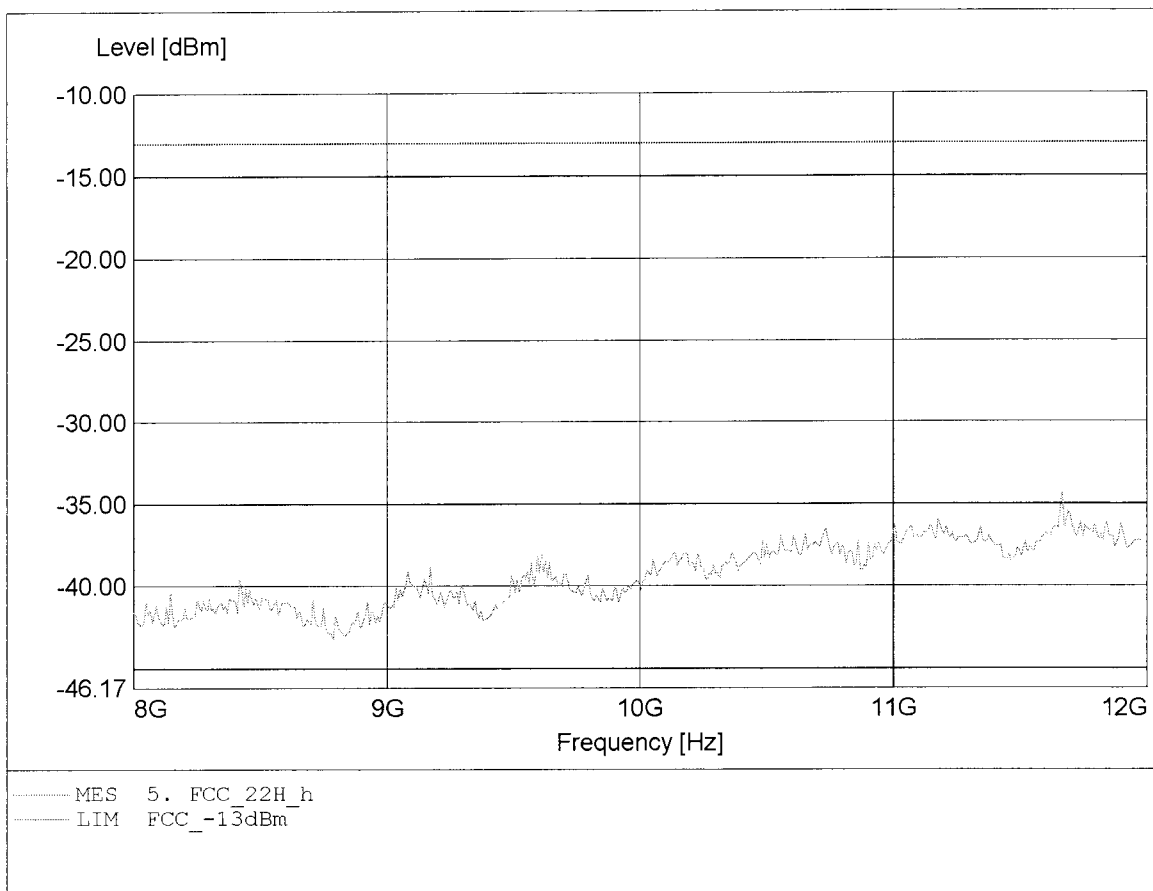
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.599GHz, Pmax: -42.45dBm, RBW: 1MHz



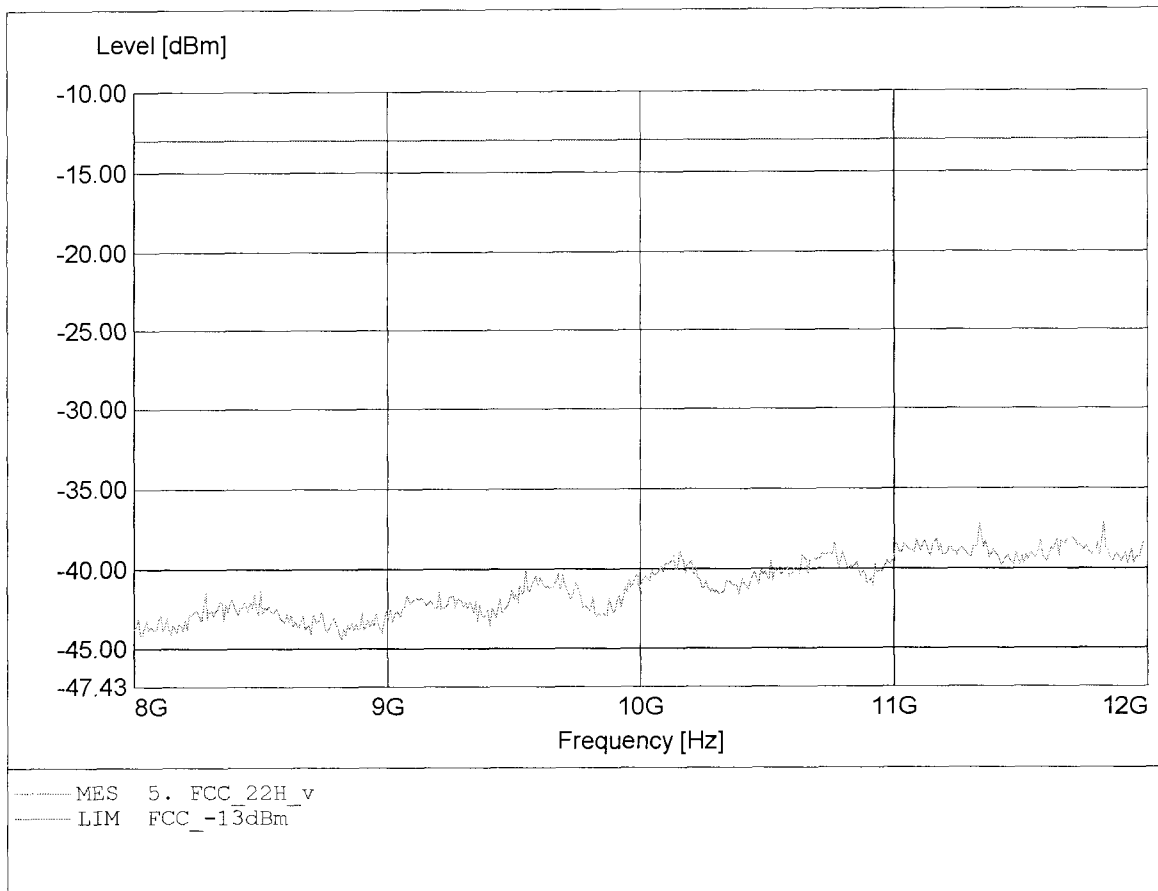
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.663GHz, Pmax: -34.23dBm, RBW: 1MHz



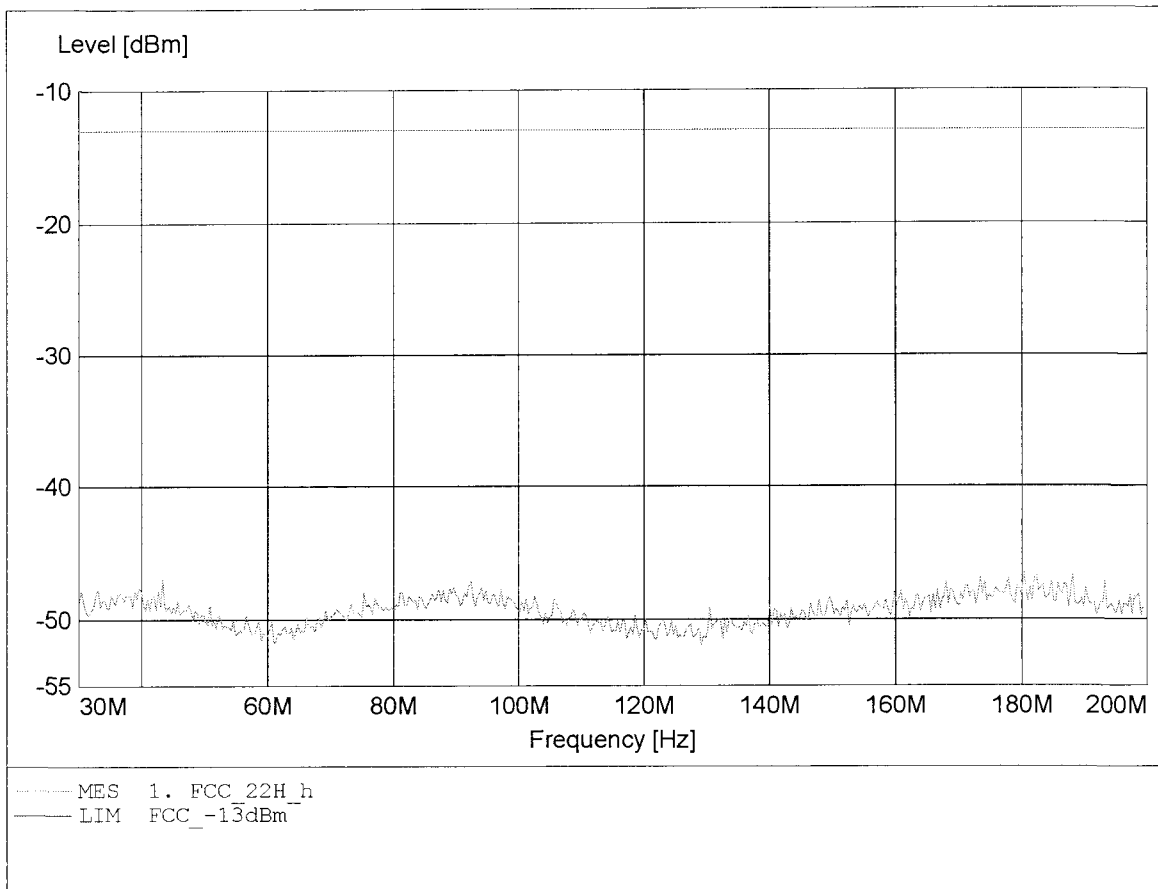
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 128  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.824GHz, Pmax: -37.11dBm, RBW: 1MHz



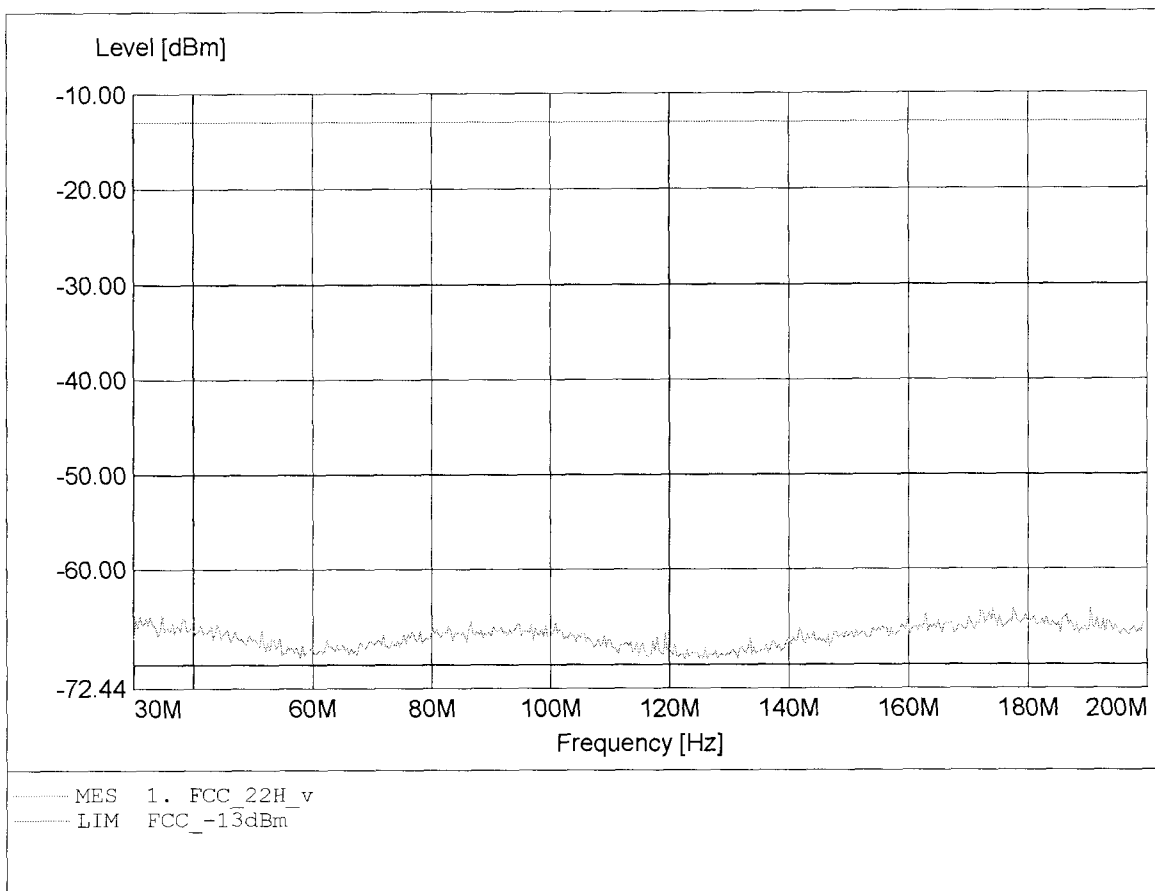
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 180.240MHz, Pmax: -46.49dBm, RBW: 100kHz



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

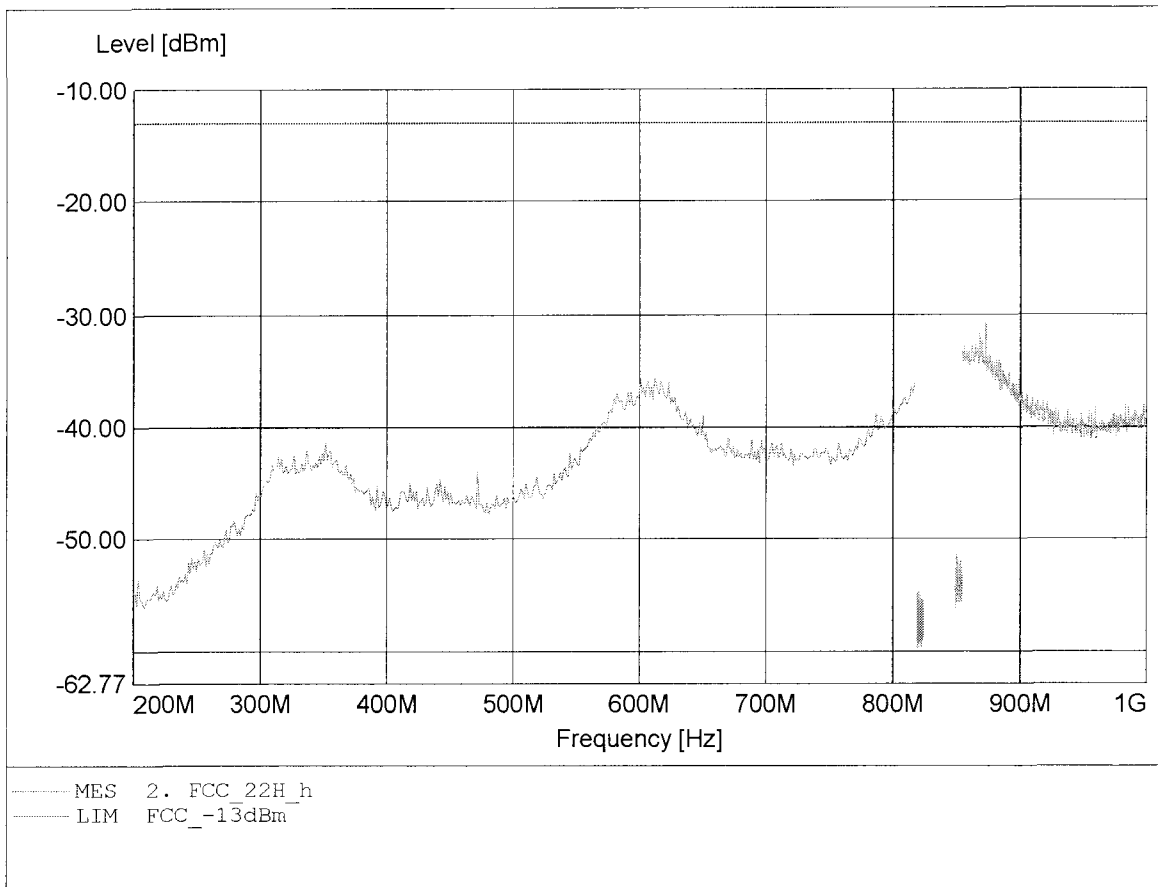
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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 190.461MHz, Pmax: -64.07dBm, RBW: 100kHz





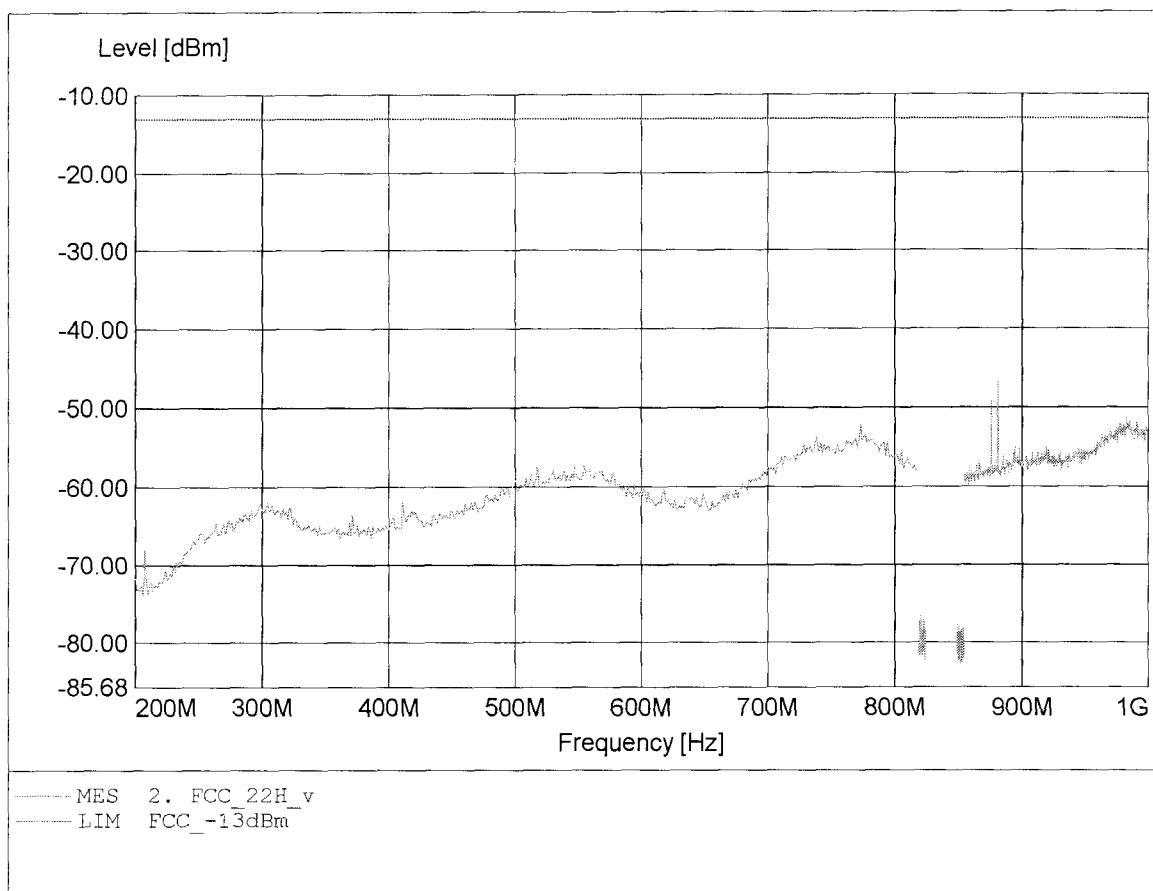
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 872.725MHz, Pmax: -30.81dBm, RBW: 100kHz



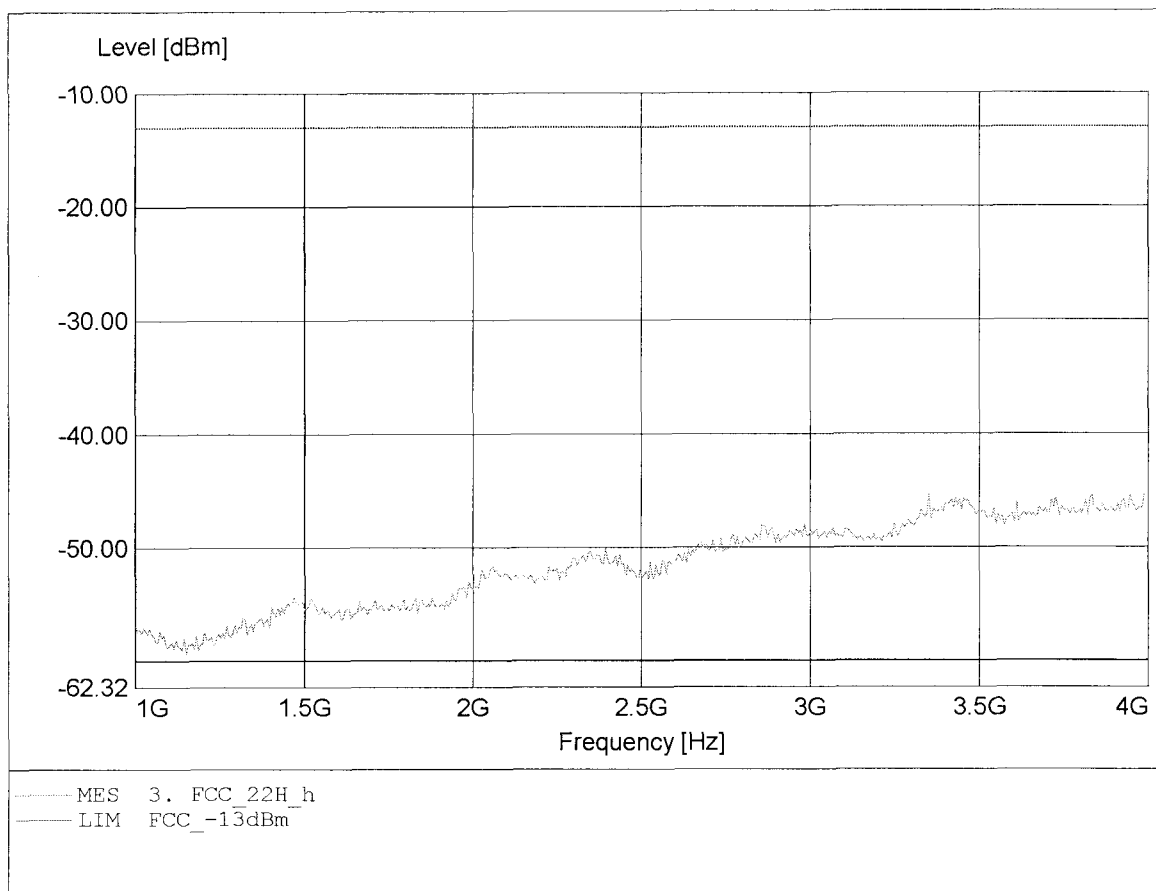
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 881.210MHz, Pmax: -46.76dBm, RBW: 100kHz



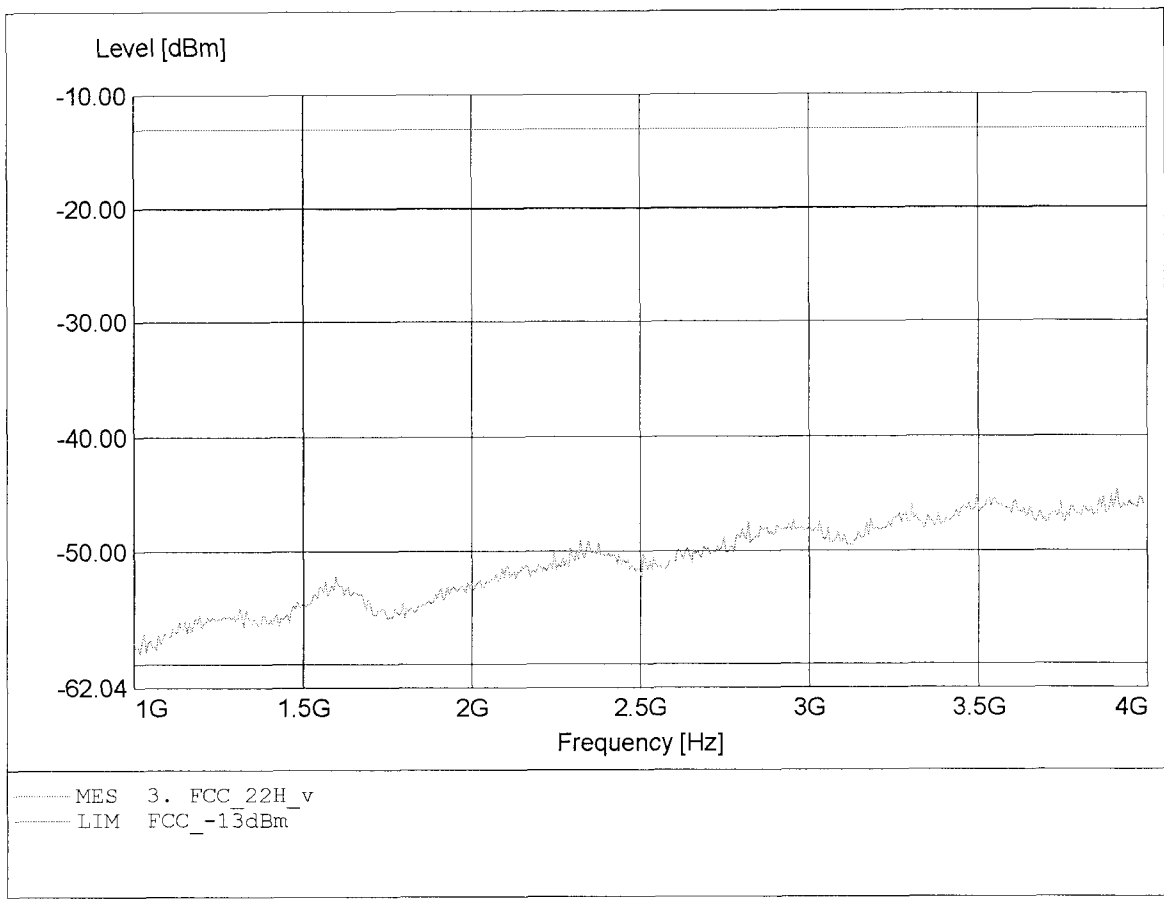
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 3.351GHz, Pmax: -45.23dBm, RBW: 1MHz



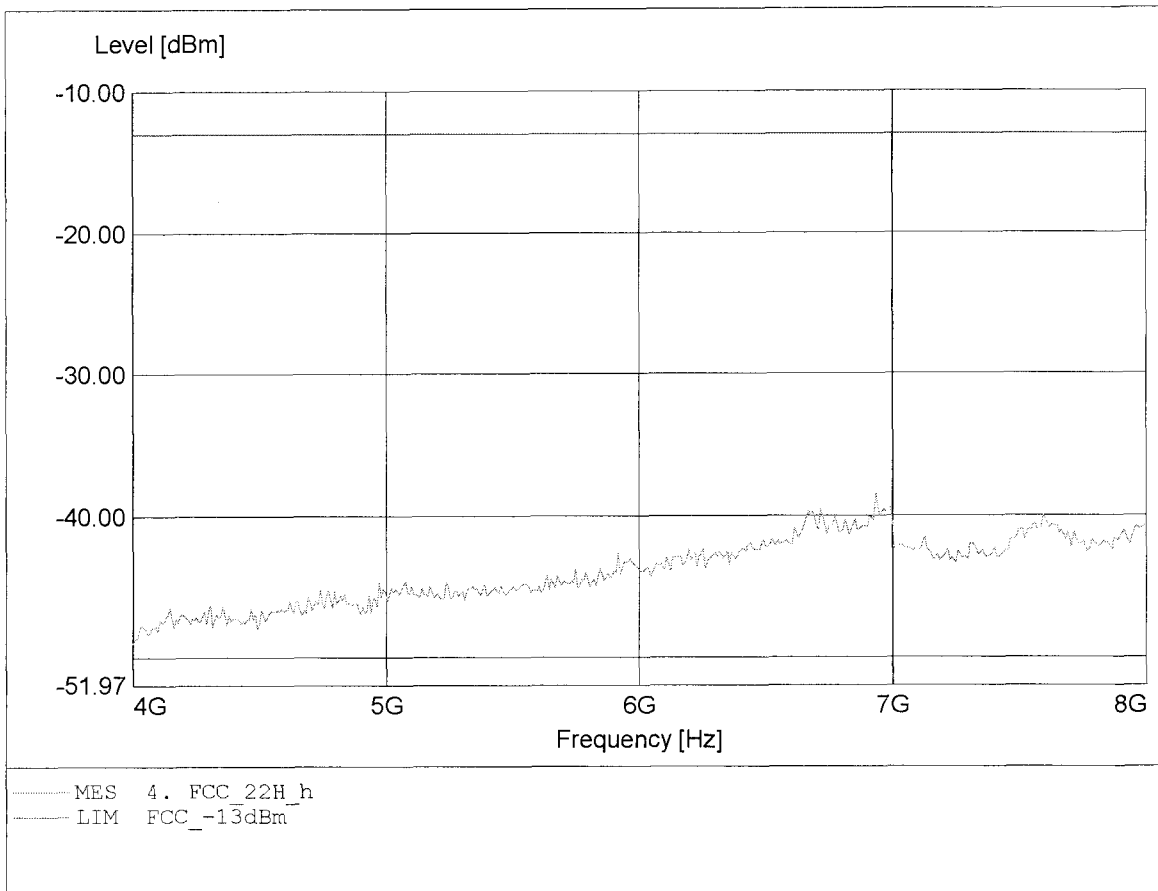
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 3.910GHz, Pmax: -44.59dBm, RBW: 1MHz



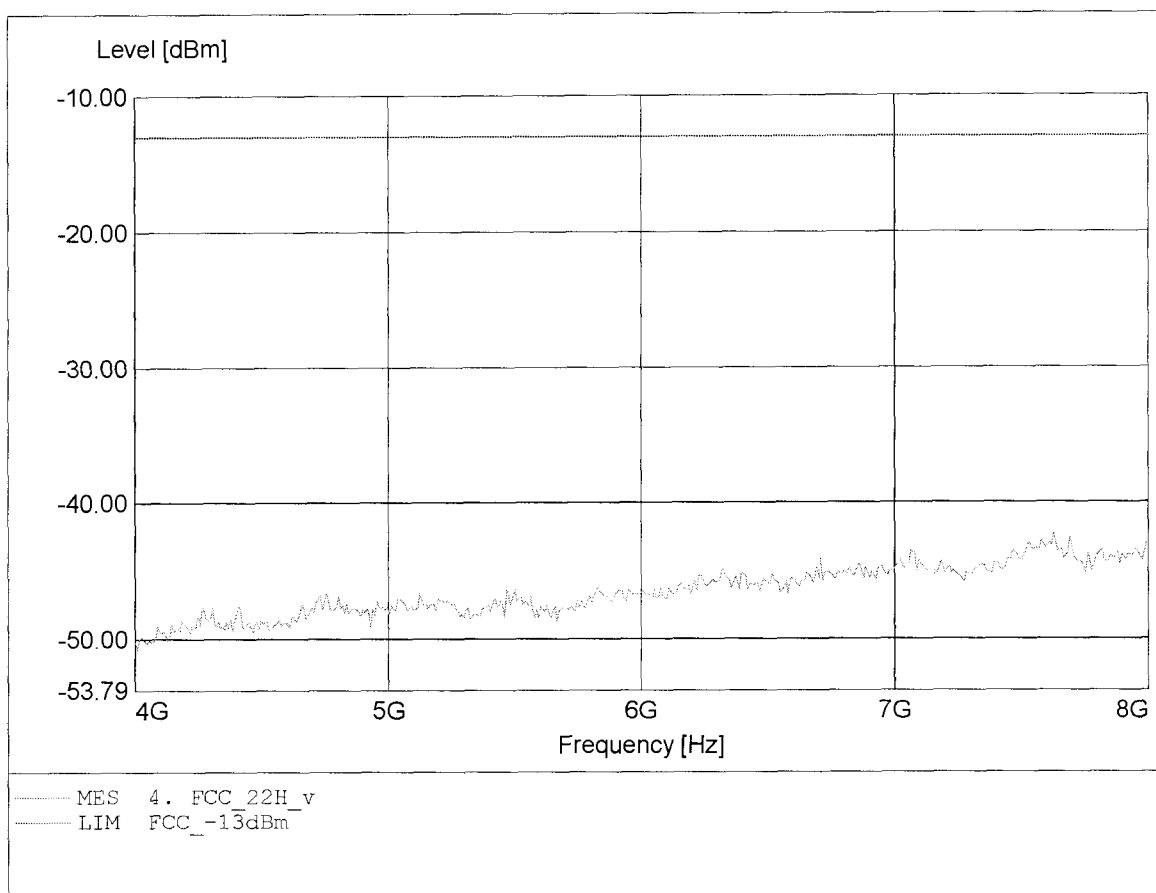
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.934GHz, Pmax: -38.45dBm, RBW: 1MHz



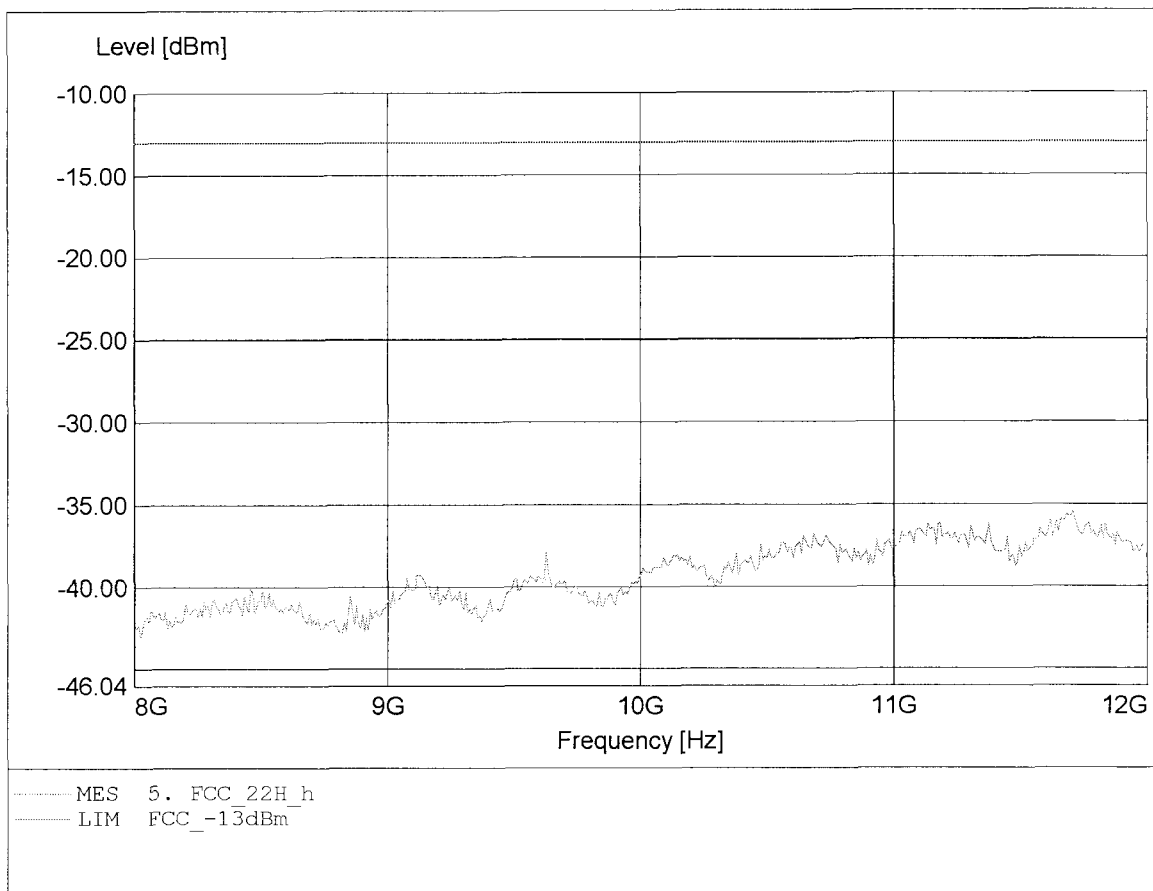
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.623GHz, Pmax: -42.27dBm, RBW: 1MHz



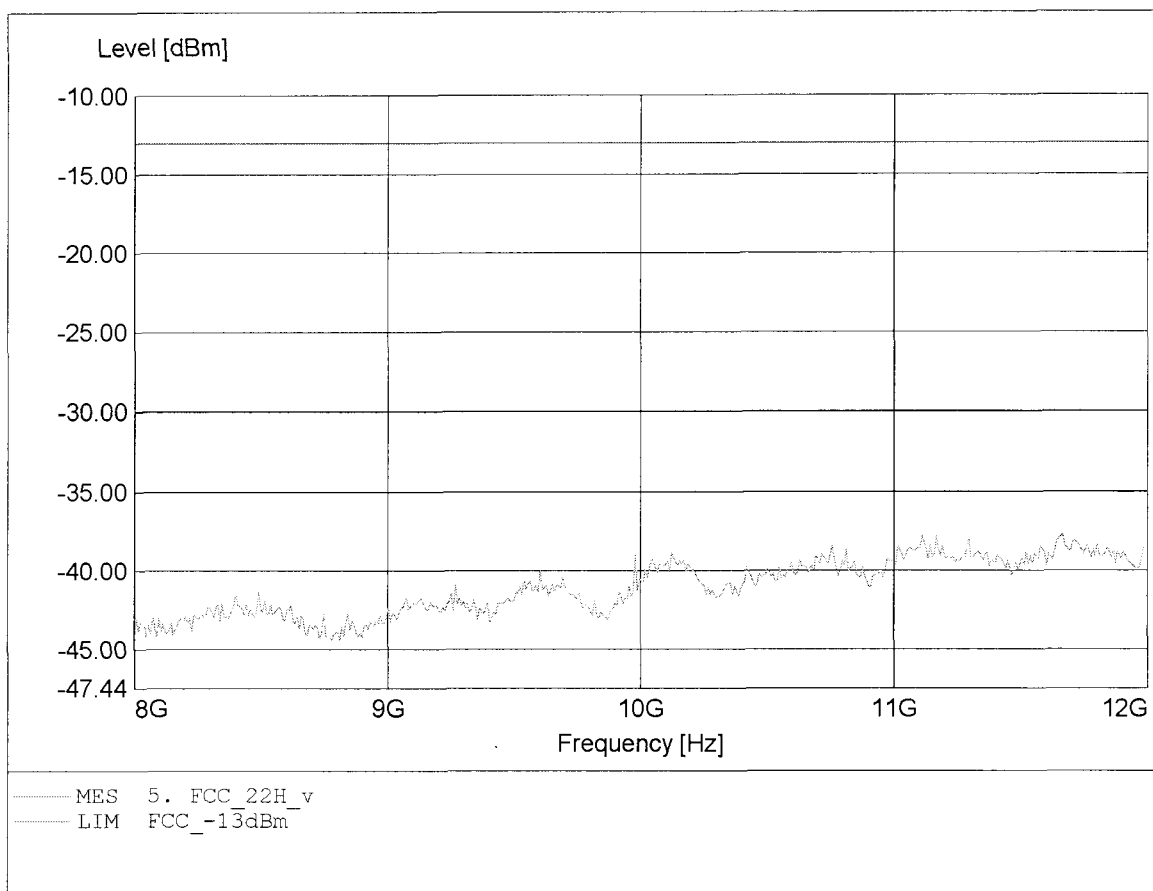
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.703GHz, Pmax: -35.42dBm, RBW: 1MHz



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

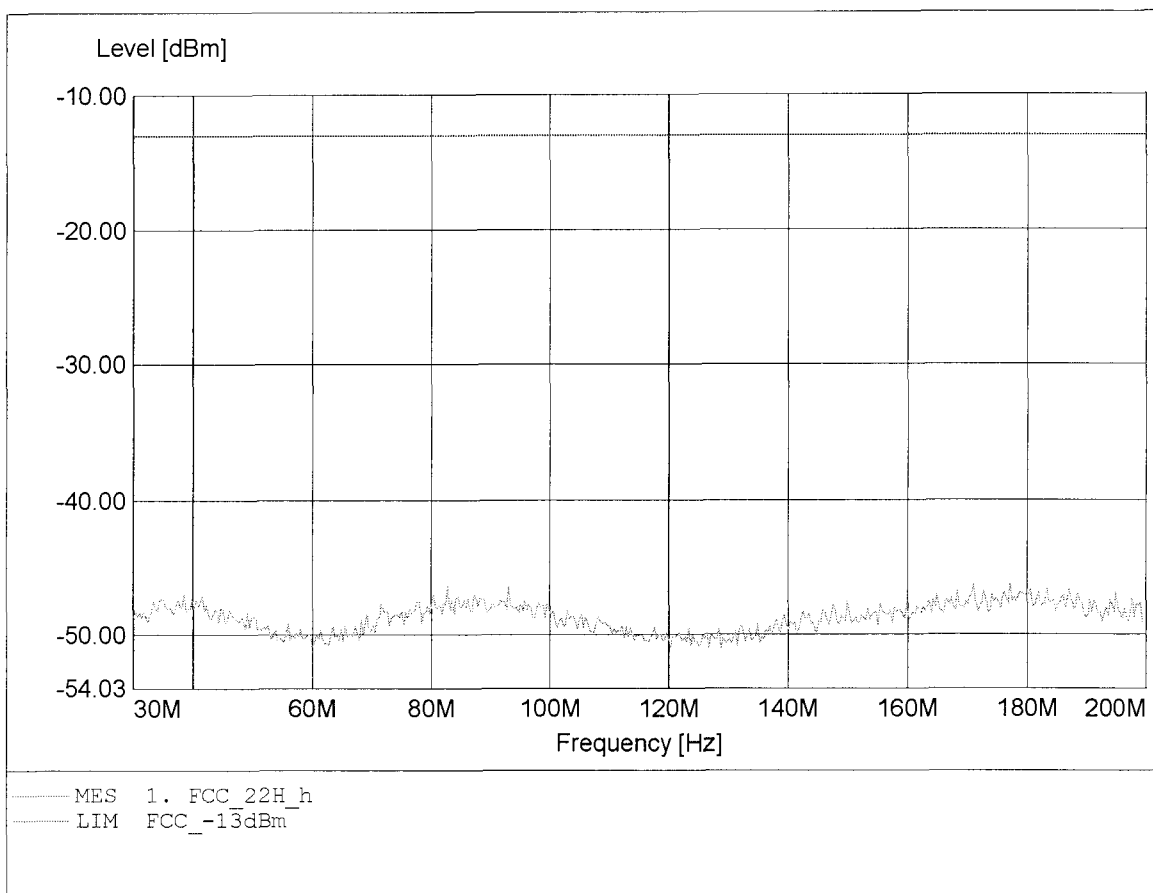
Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 188  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.663GHz, Pmax: -37.69dBm, RBW: 1MHz





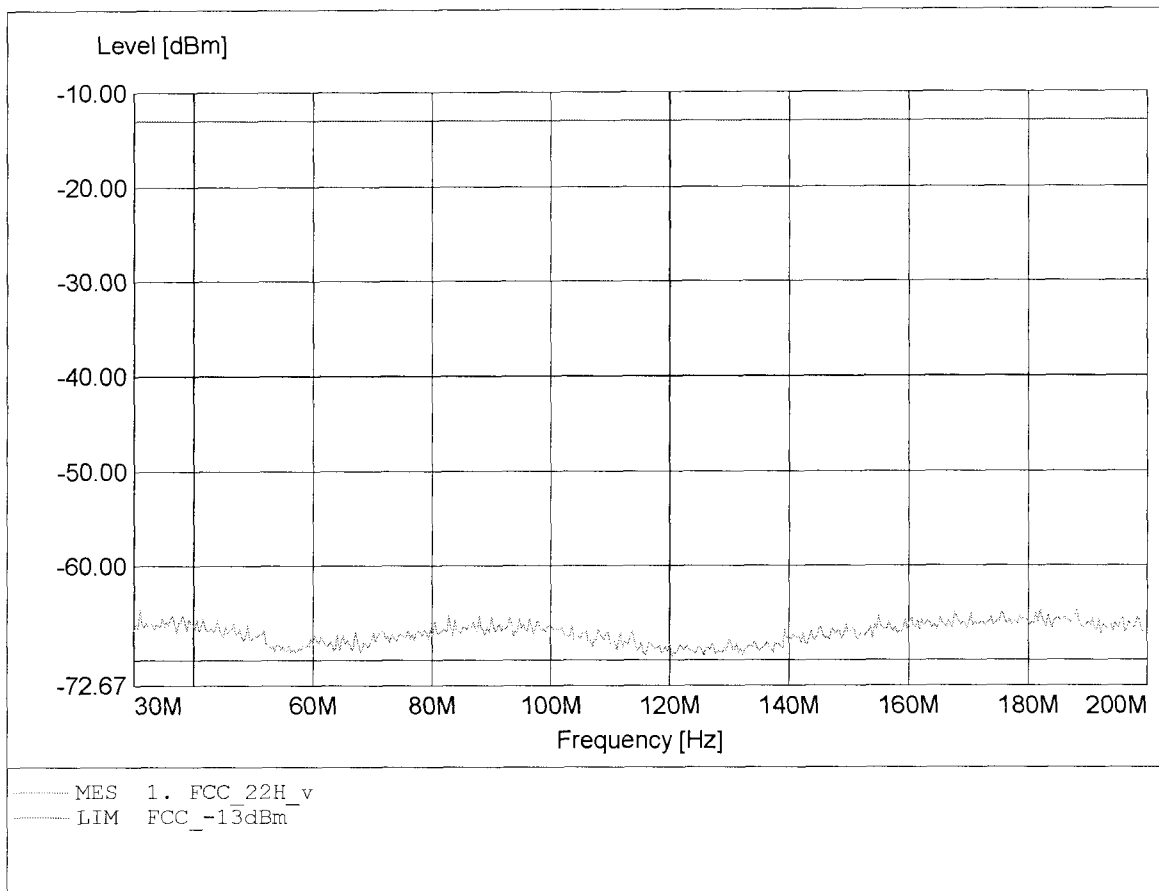
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 177.174MHz, Pmax: -46.15dBm, RBW: 100kHz



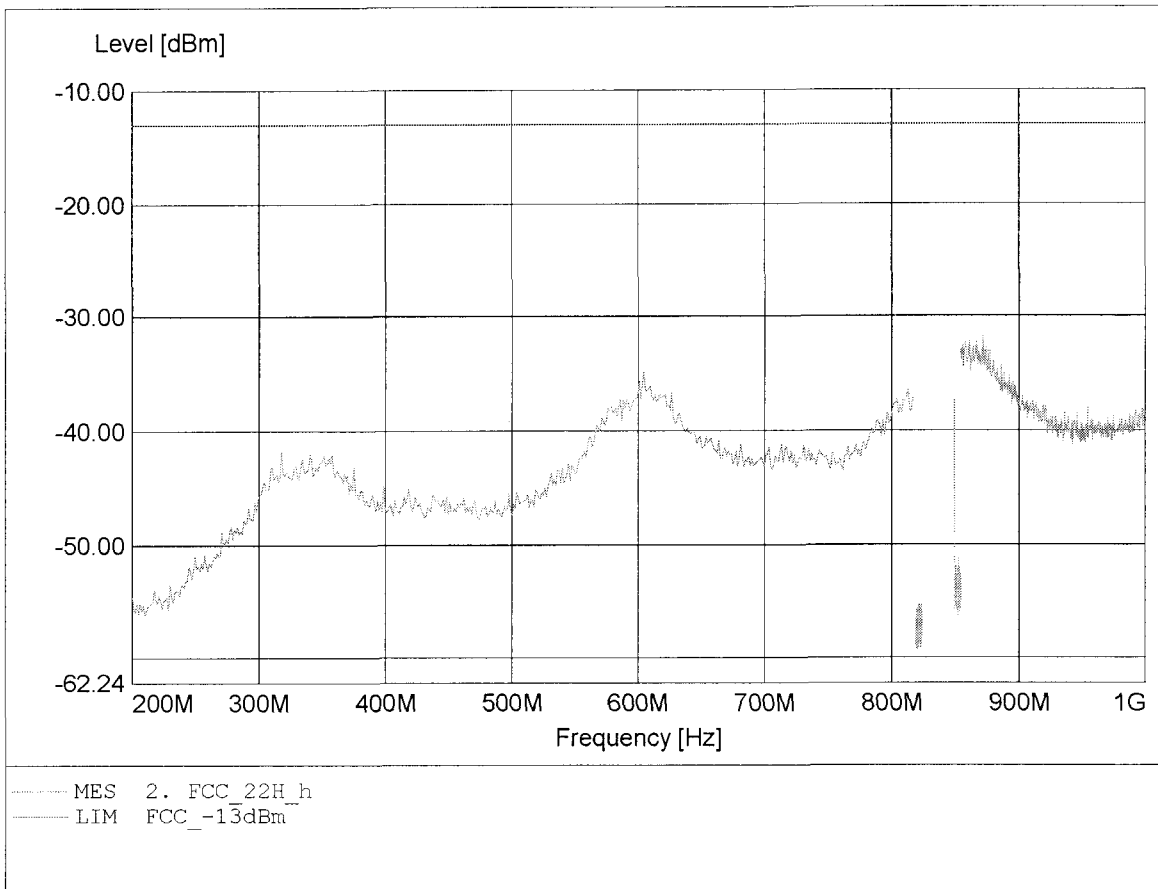
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 188.076MHz, Pmax: -64.70dBm, RBW: 100kHz



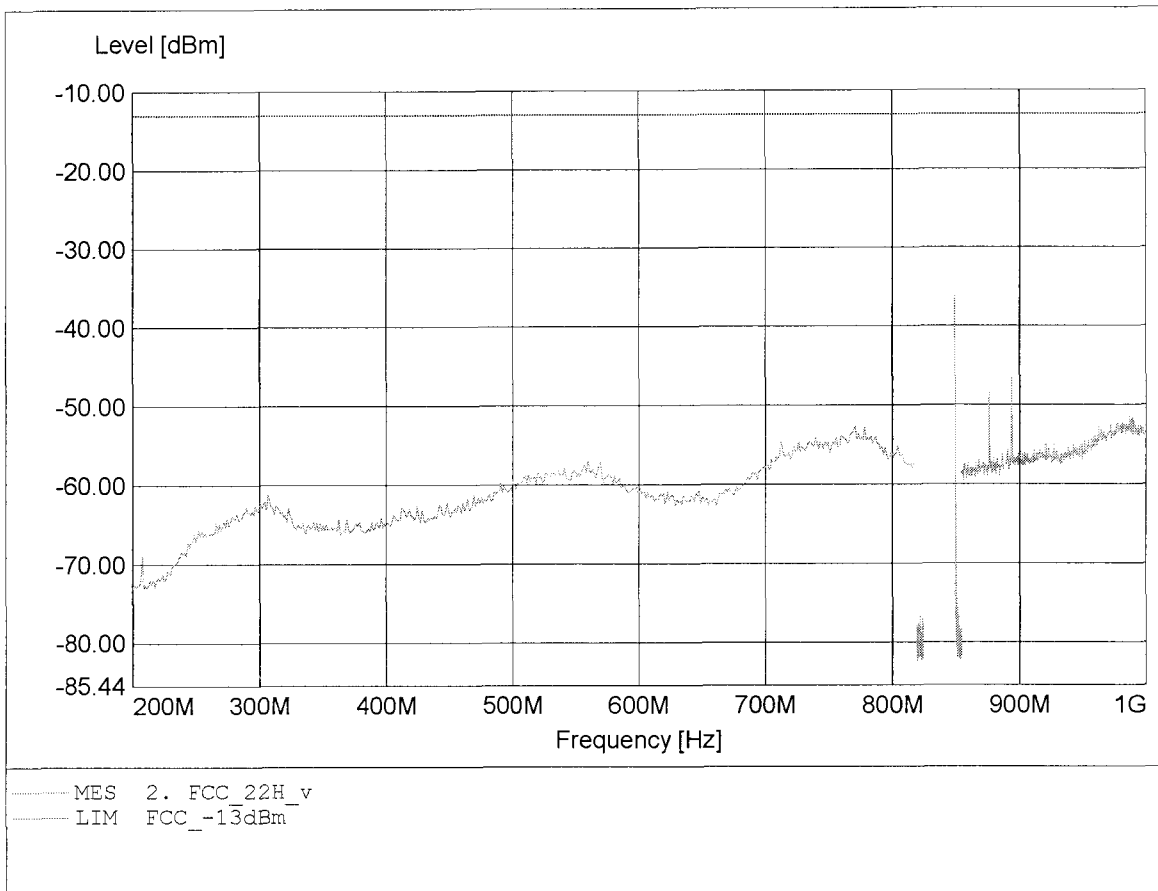
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 871.555MHz, Pmax: -31.63dBm, RBW: 100kHz



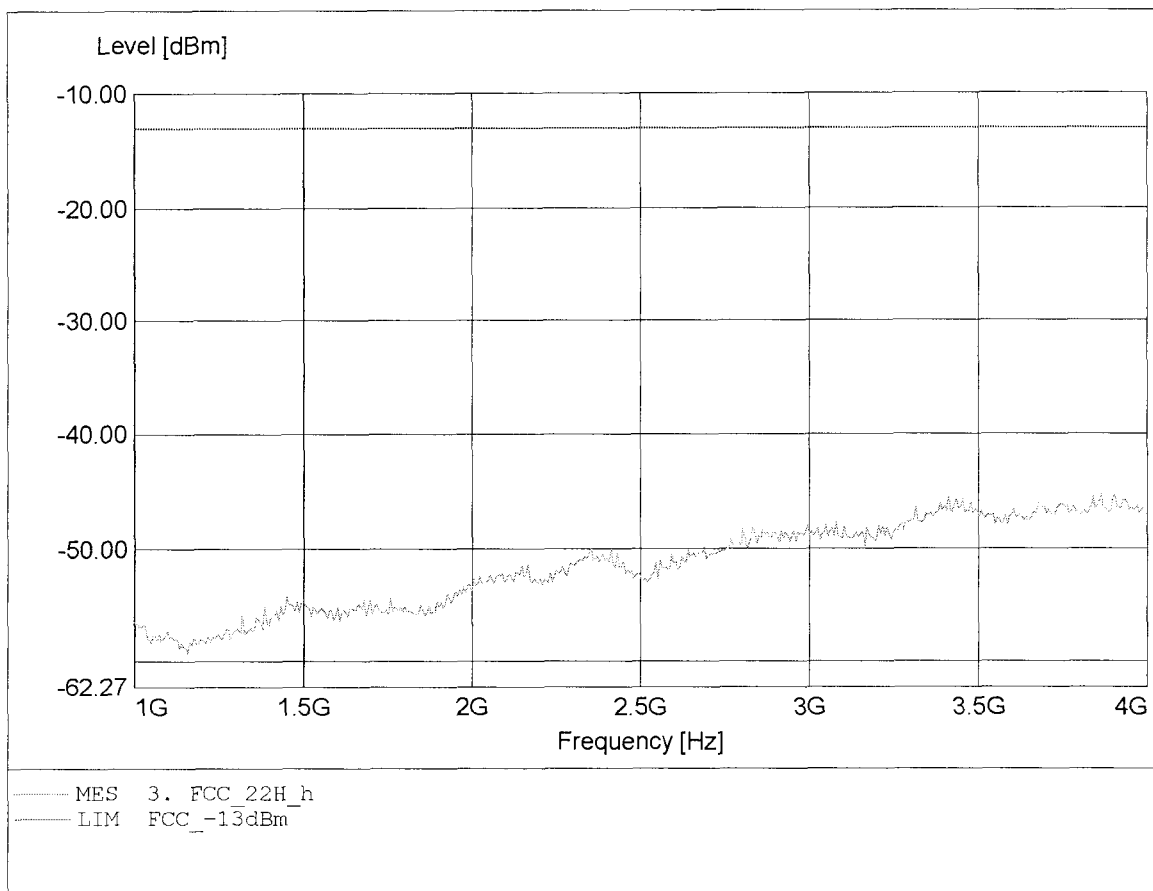
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL 223+notch  
Comment 2: Freq: 849.000MHz, Pmax: -36.14dBm, RBW: 100kHz



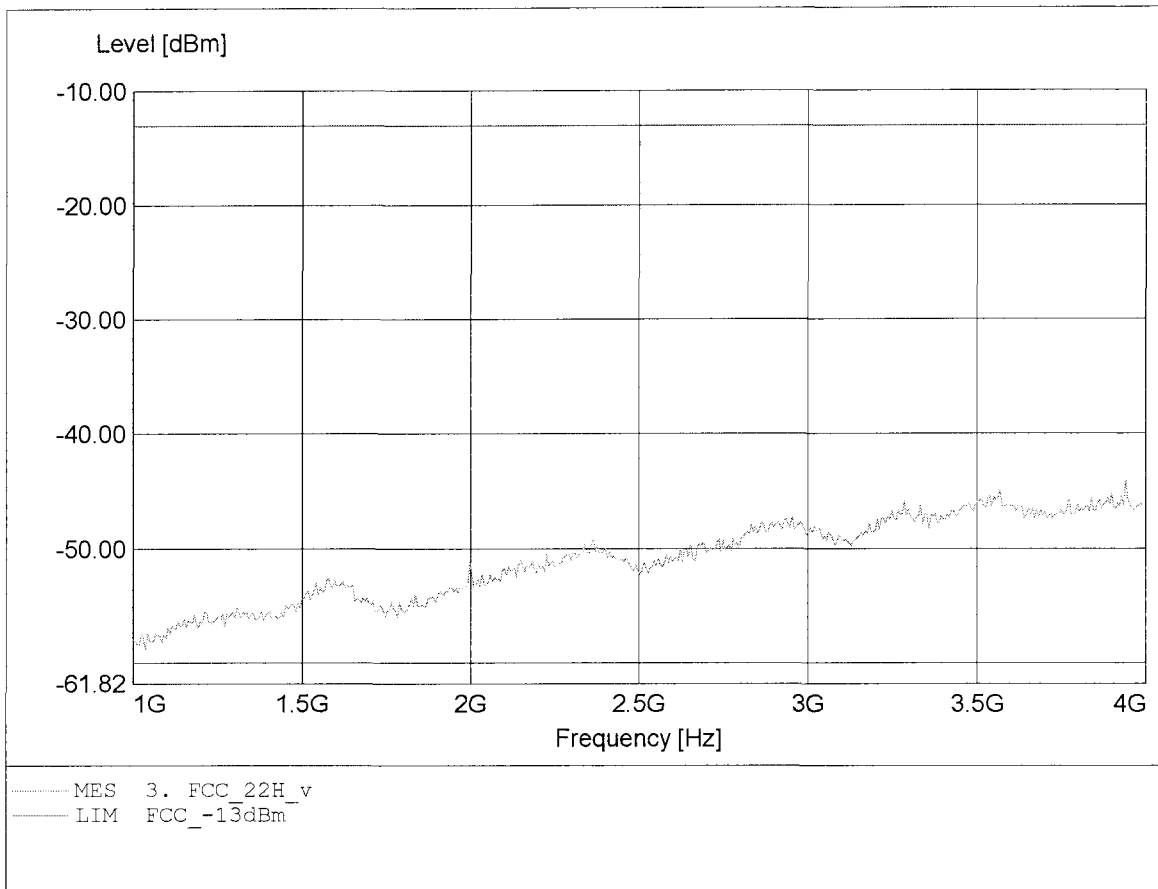
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 3.862GHz, Pmax: -45.28dBm, RBW: 1MHz



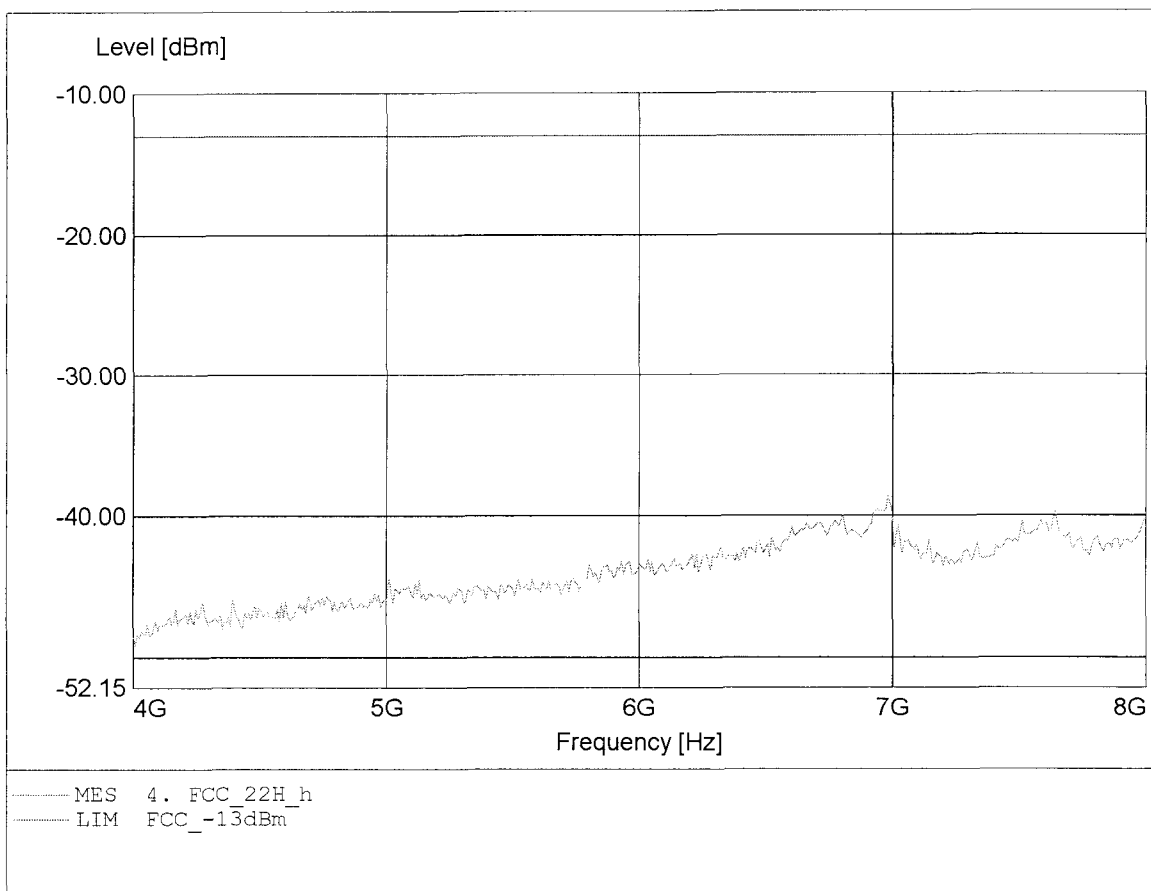
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 3.940GHz, Pmax: -44.06dBm, RBW: 1MHz



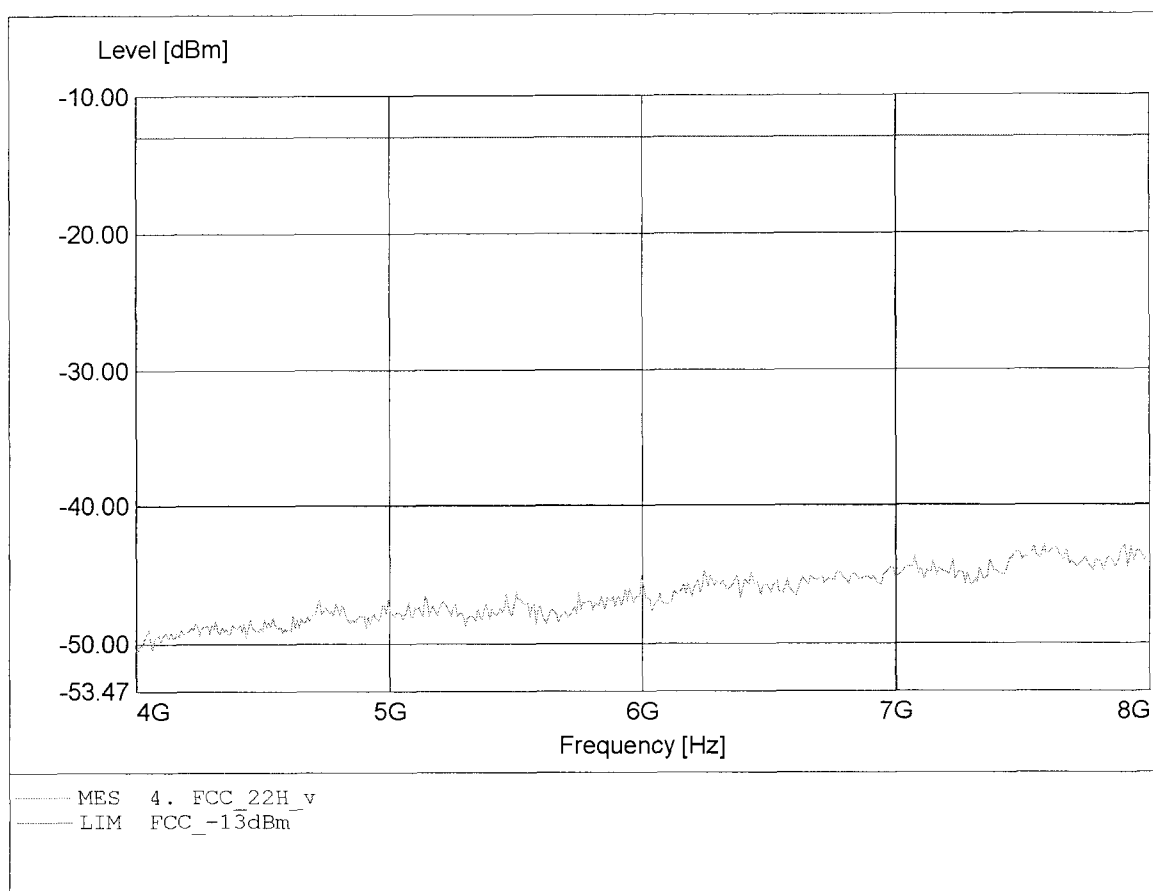
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 6.982GHz, Pmax: -38.67dBm, RBW: 1MHz



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

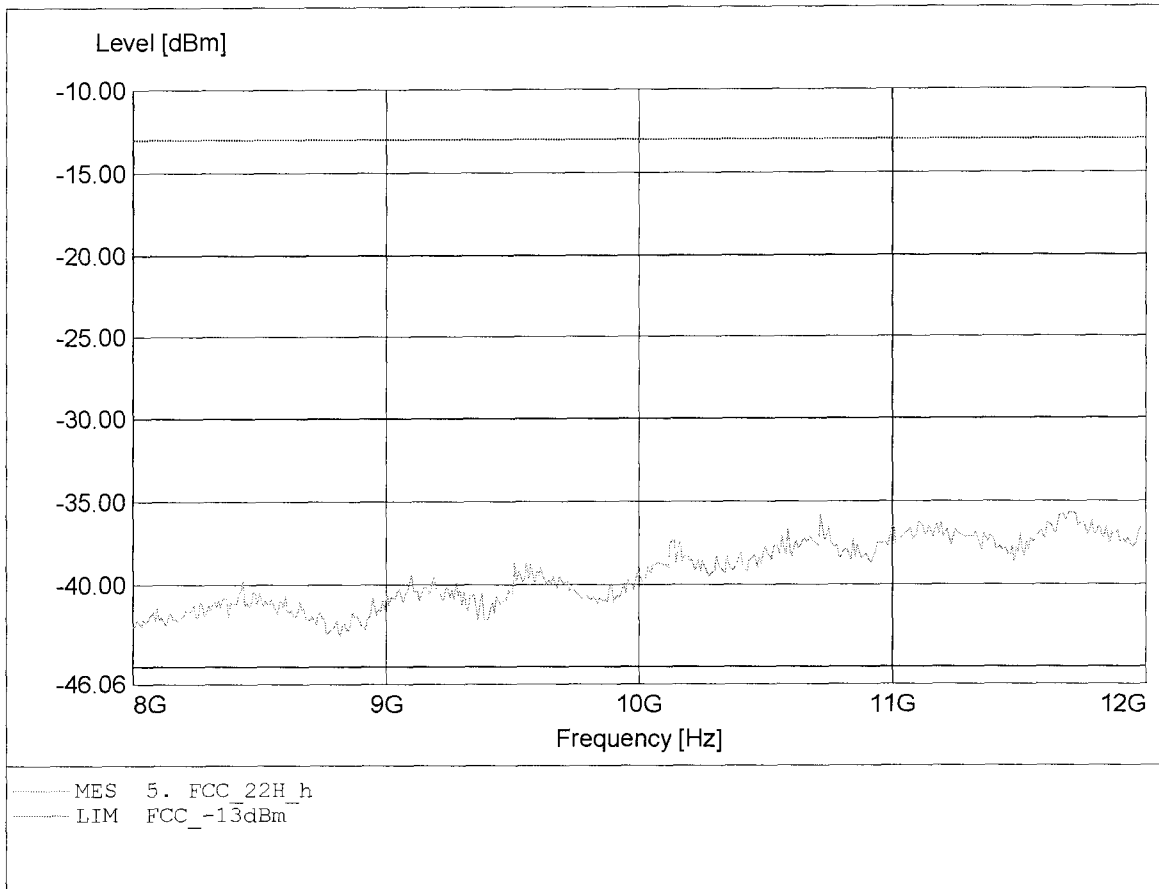
Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.583GHz, Pmax: -42.92dBm, RBW: 1MHz





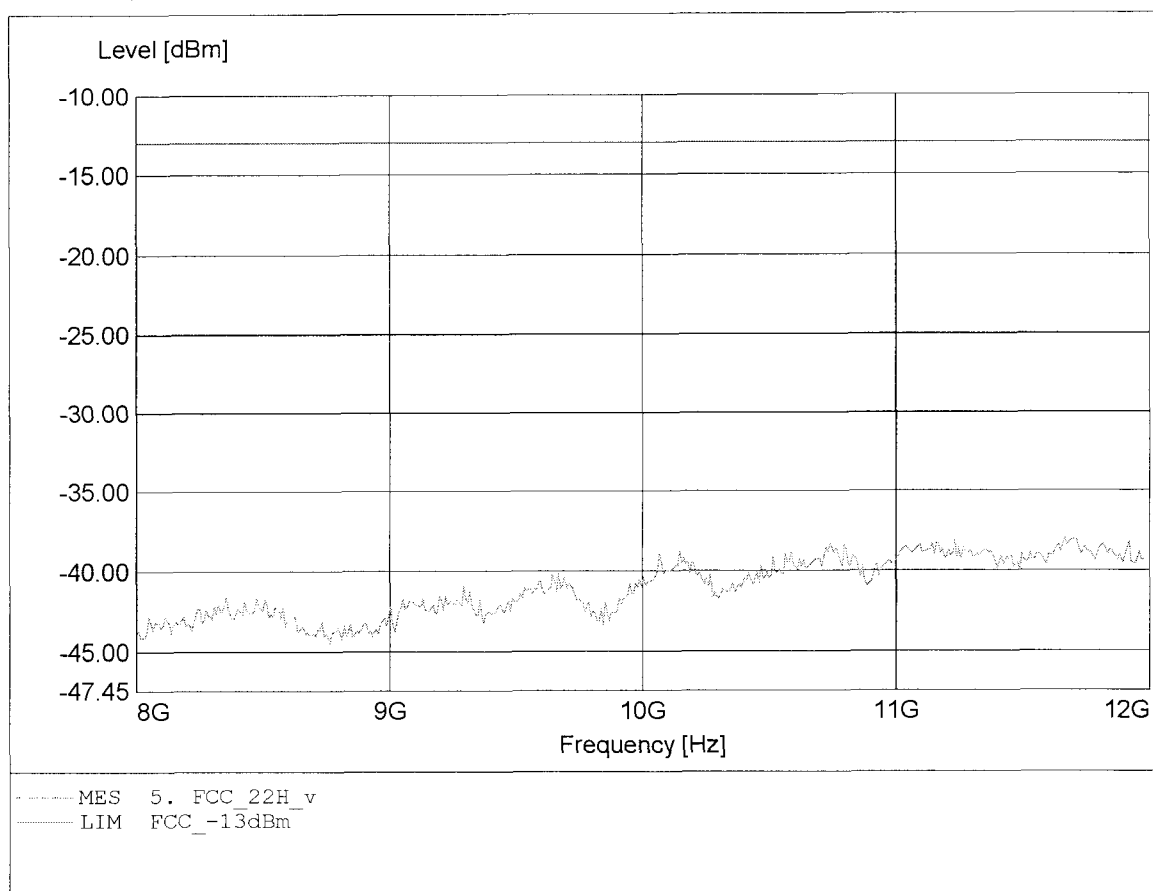
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.703GHz, Pmax: -35.66dBm, RBW: 1MHz



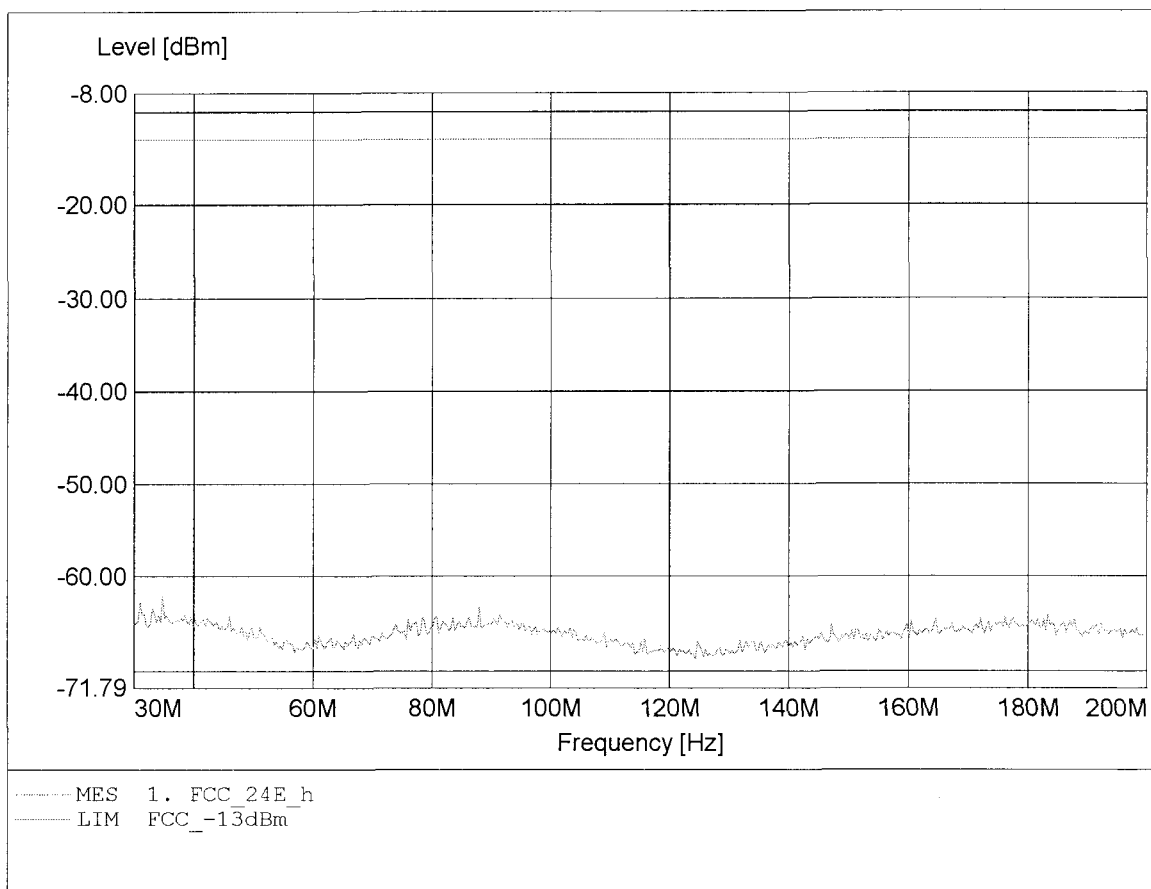
**Radiated Emissions Tx**  
**FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 251  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S22.917  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.663GHz, Pmax: -37.95dBm, RBW: 1MHz



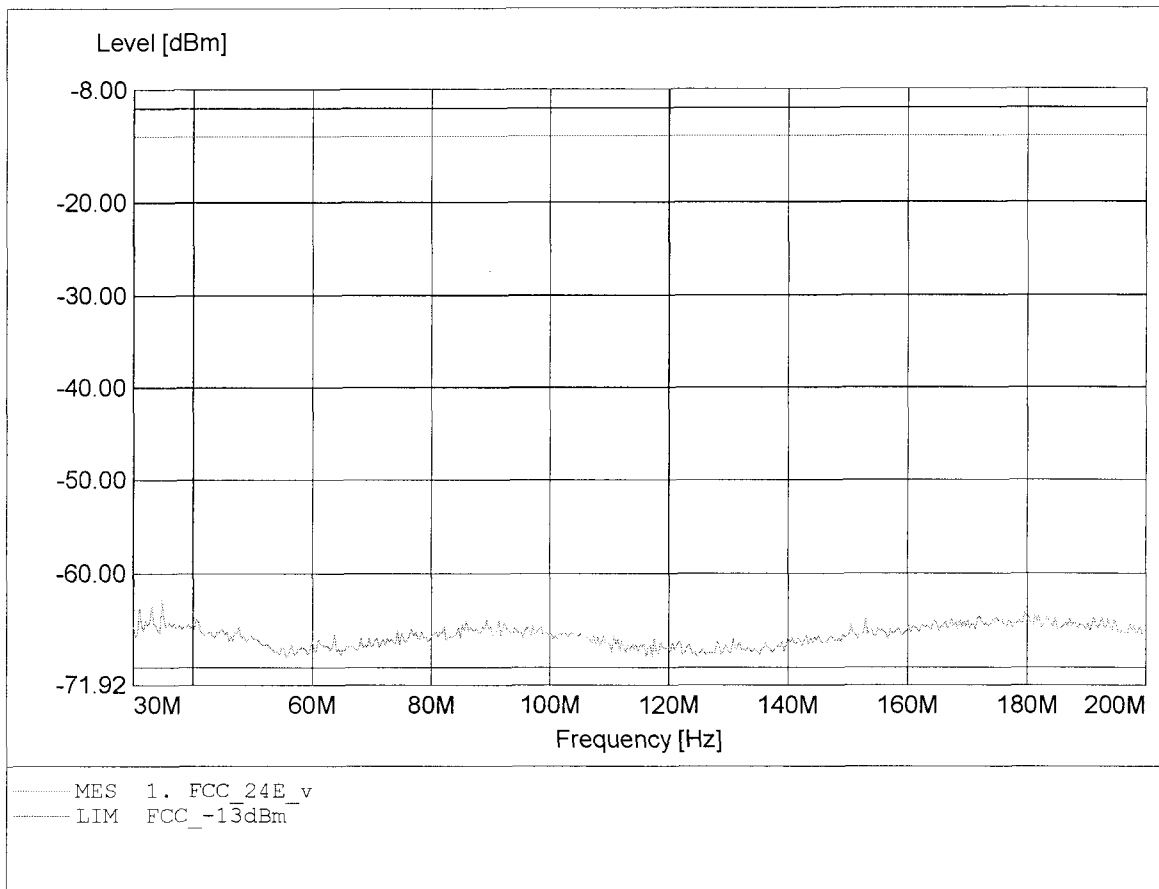
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 34.770MHz, Pmax: -62.09dBm, RBW: 100kHz



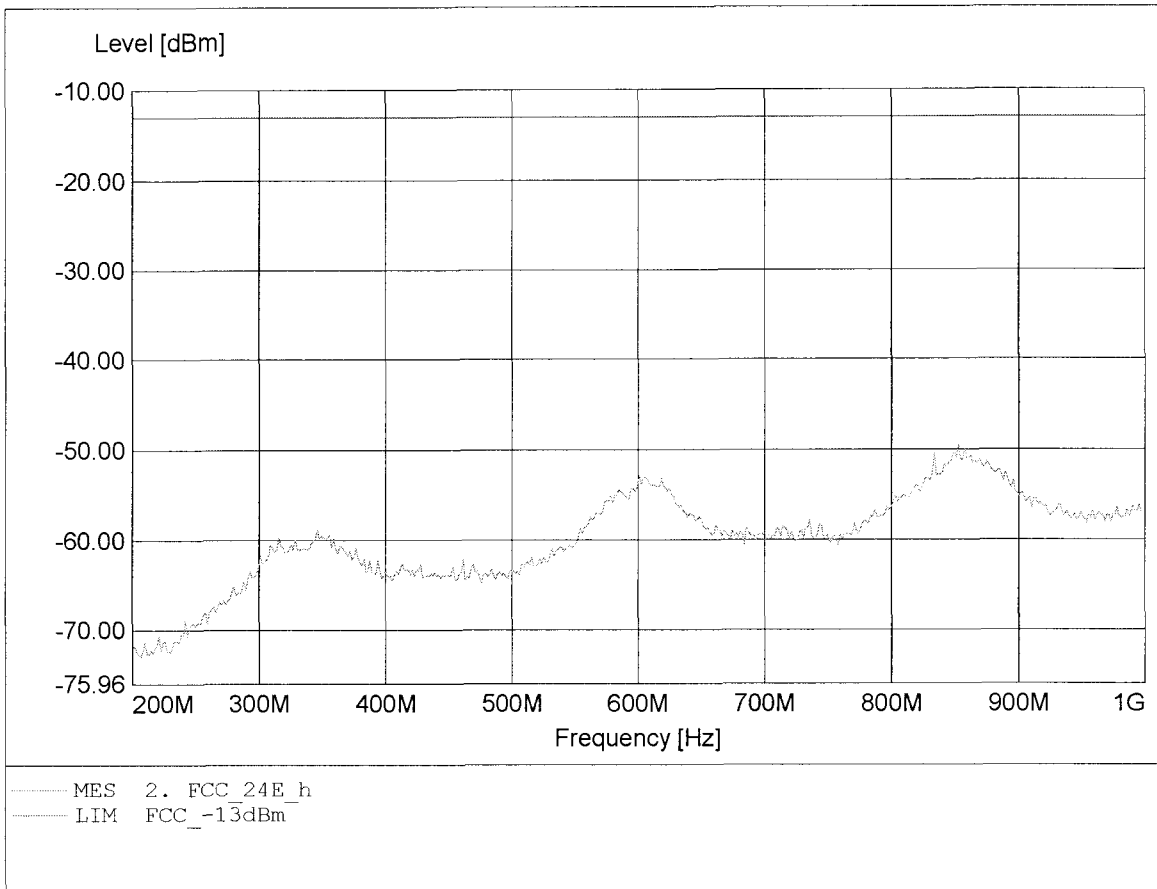
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 34.770MHz, Pmax: -62.78dBm, RBW: 100kHz



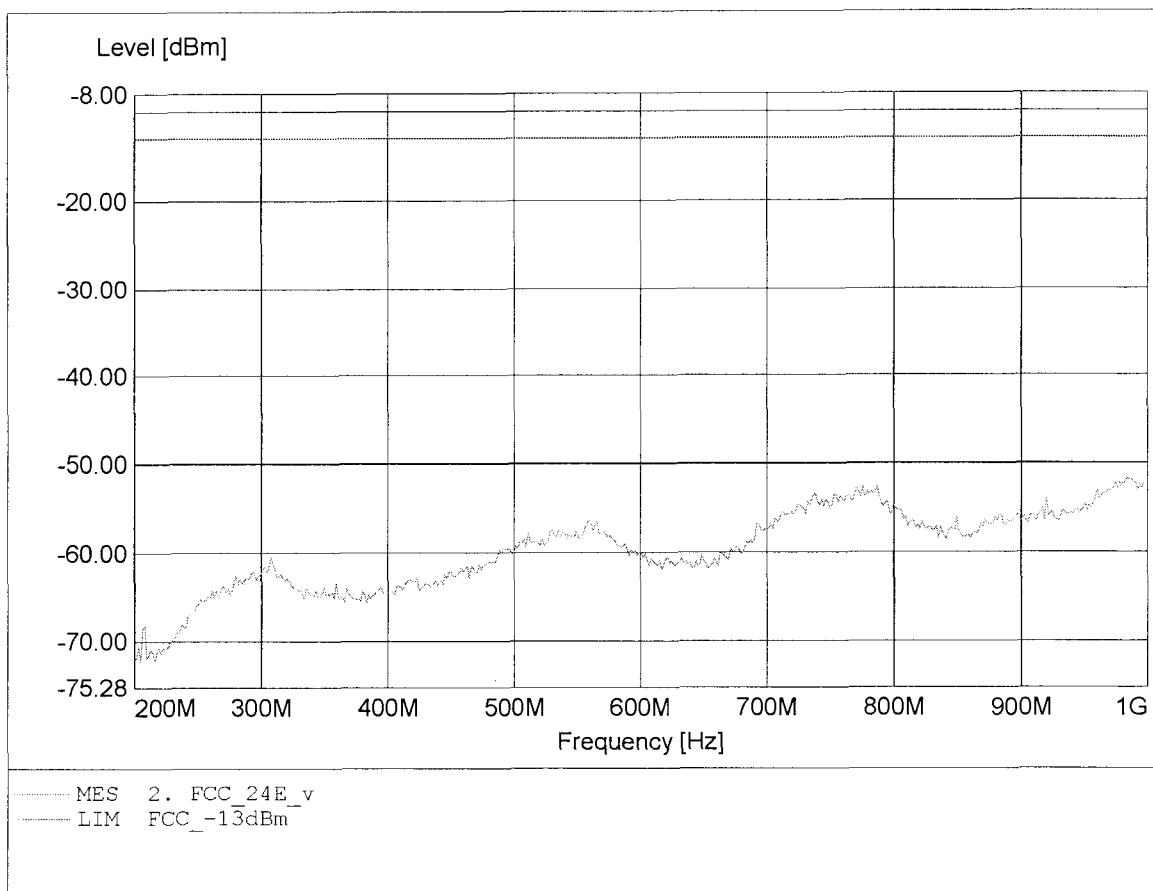
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 852.505MHz, Pmax: -49.56dBm, RBW: 100kHz



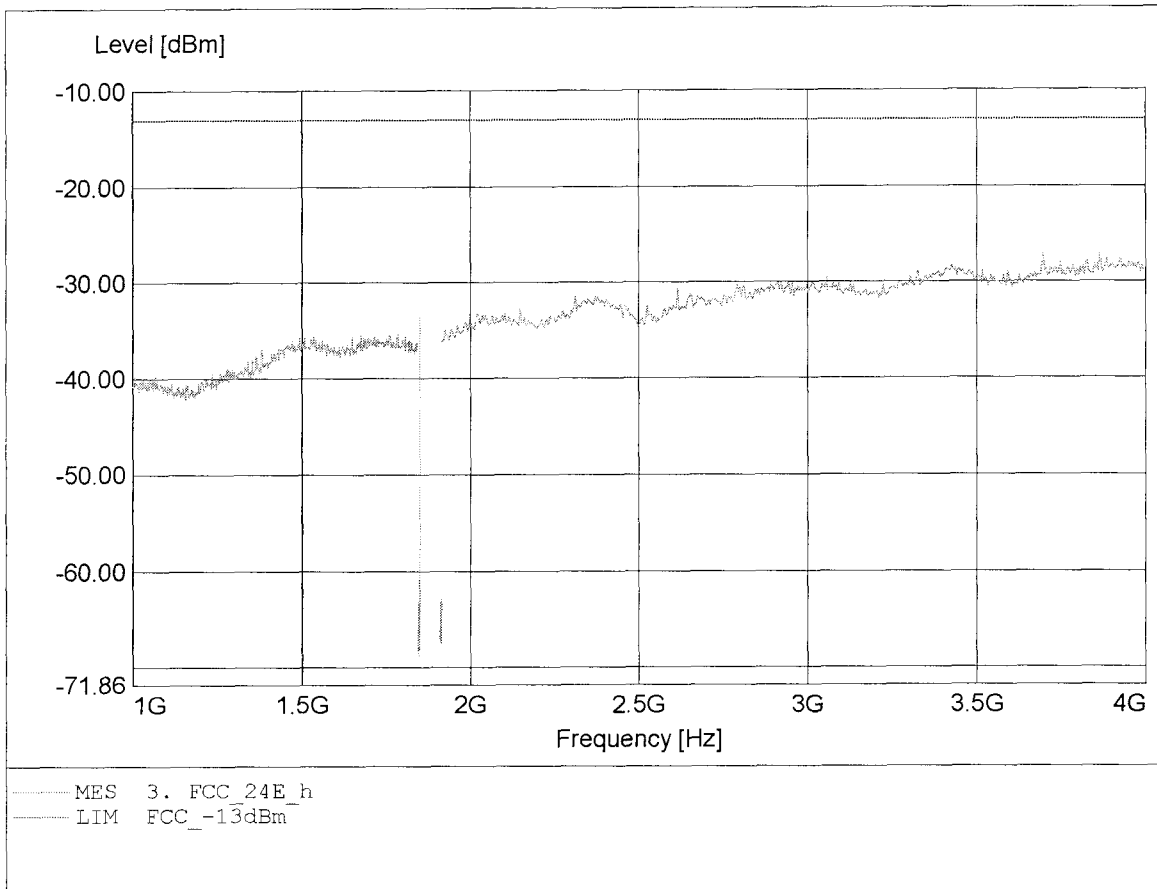
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 983.968MHz, Pmax: -51.68dBm, RBW: 100kHz



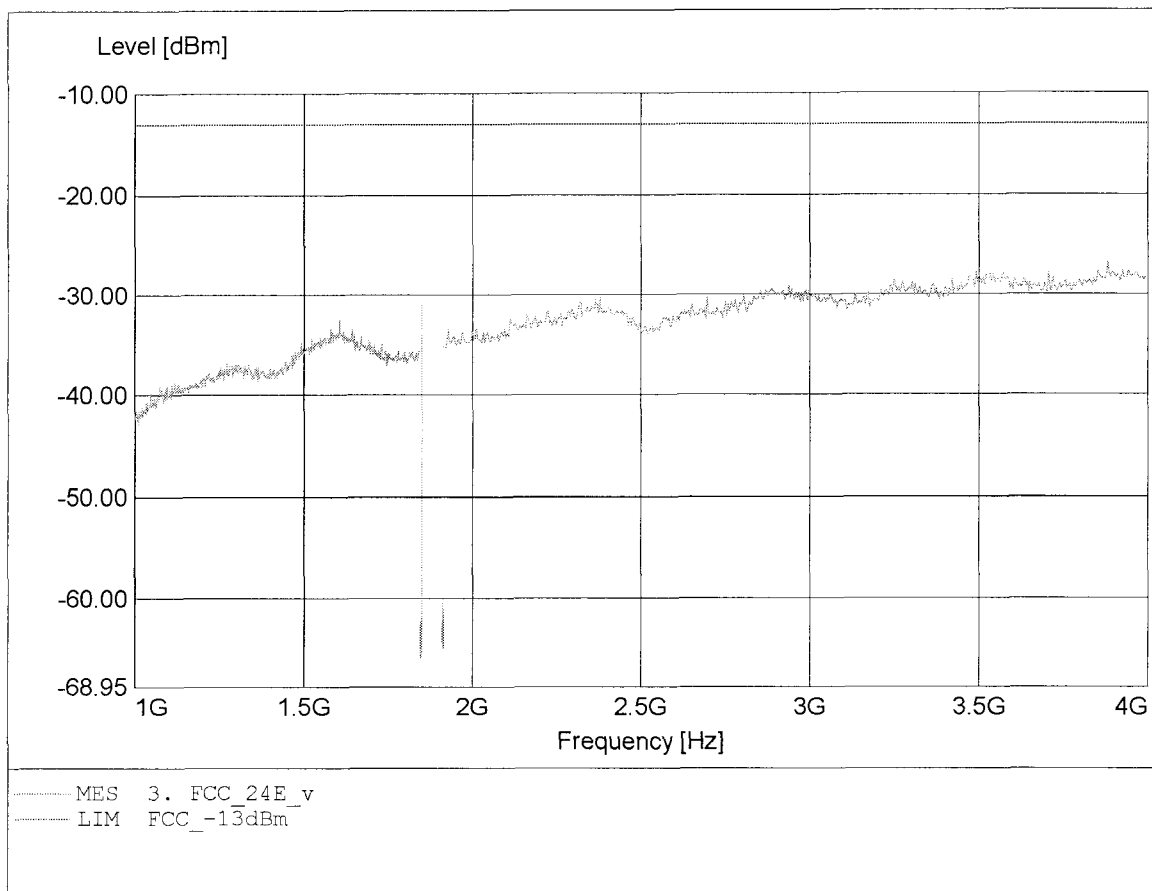
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.695GHz, Pmax: -27.14dBm, RBW: 1MHz/3kHz



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

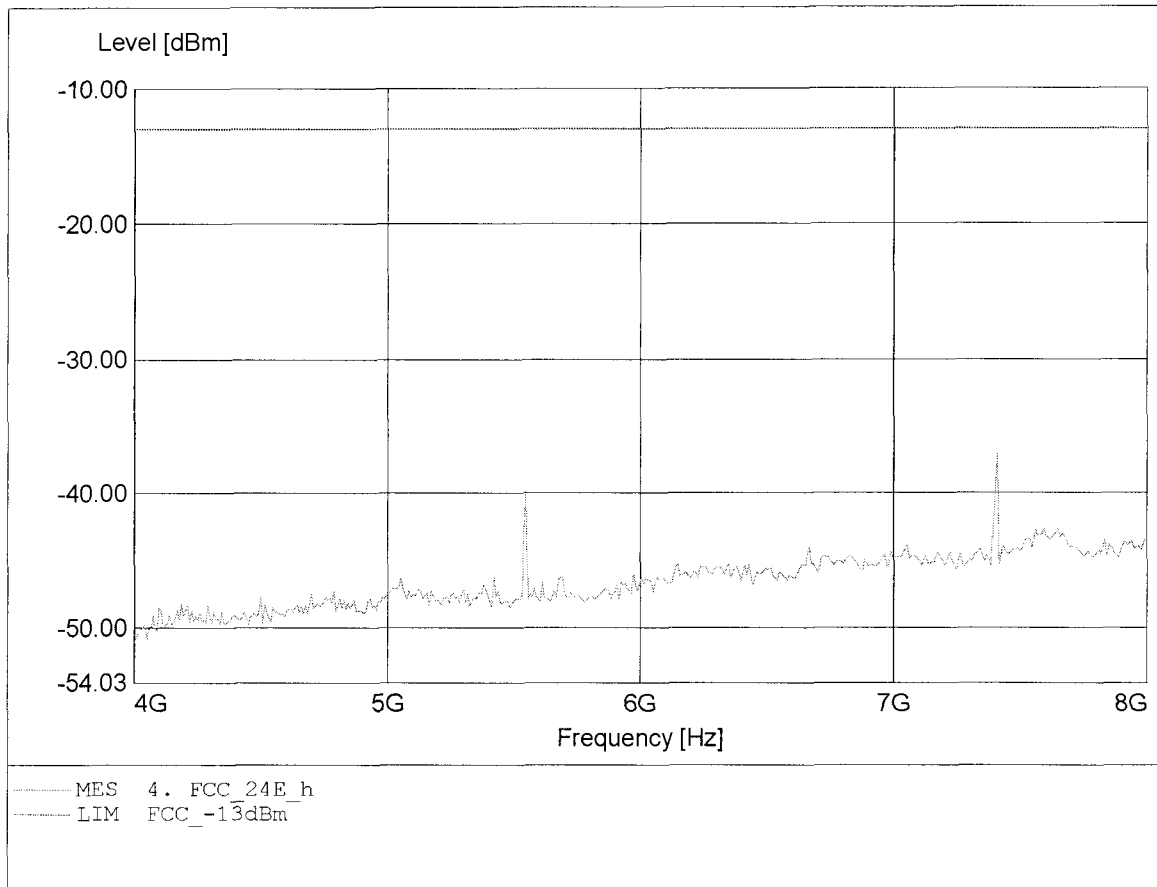
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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.879GHz, Pmax: -26.79dBm, RBW: 1MHz/3kHz





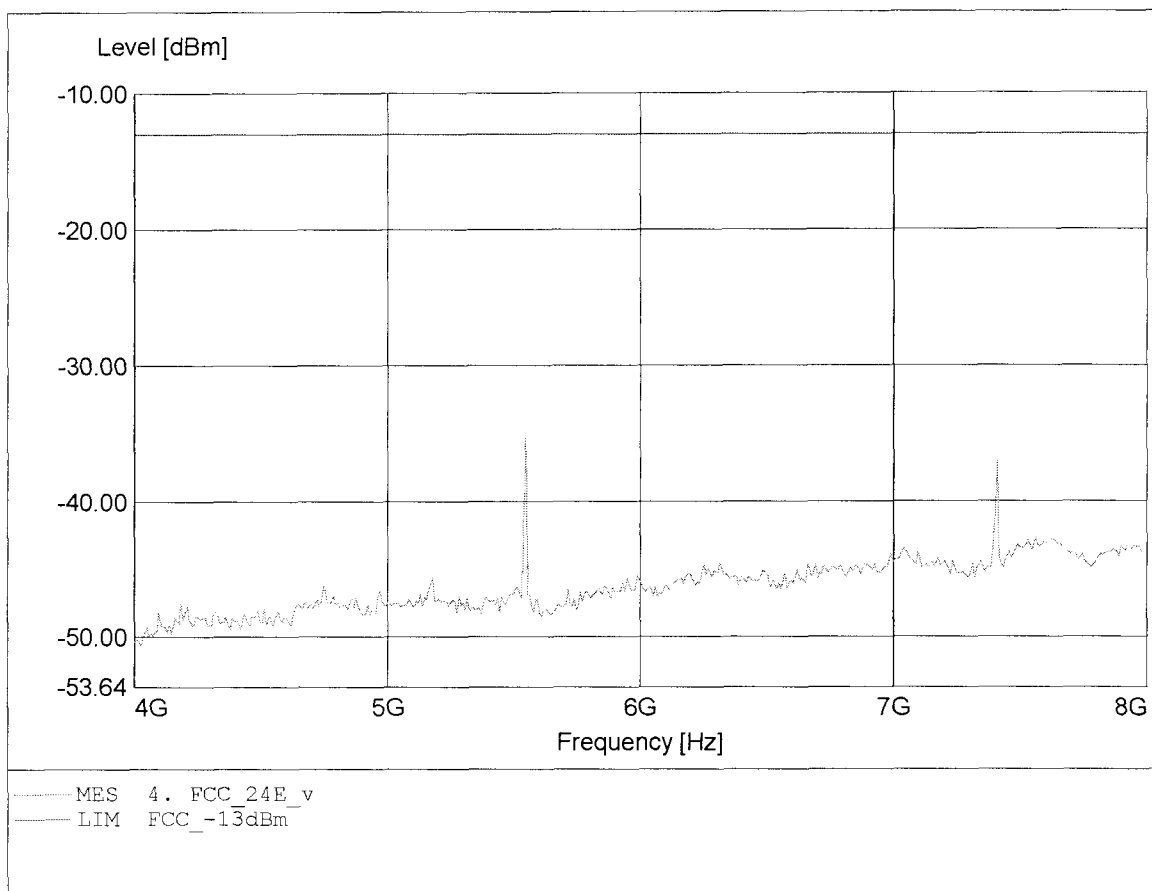
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.407GHz, Pmax: -36.95dBm, RBW: 1MHz



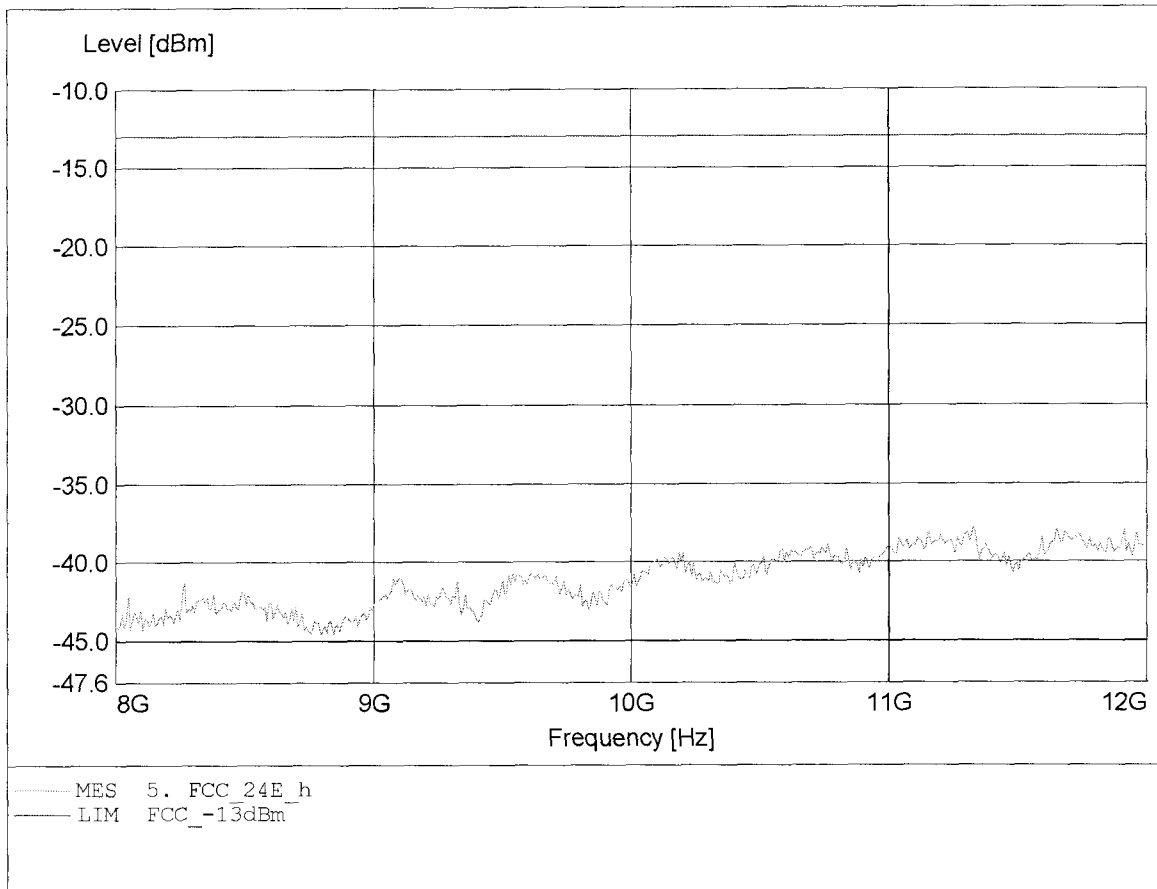
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
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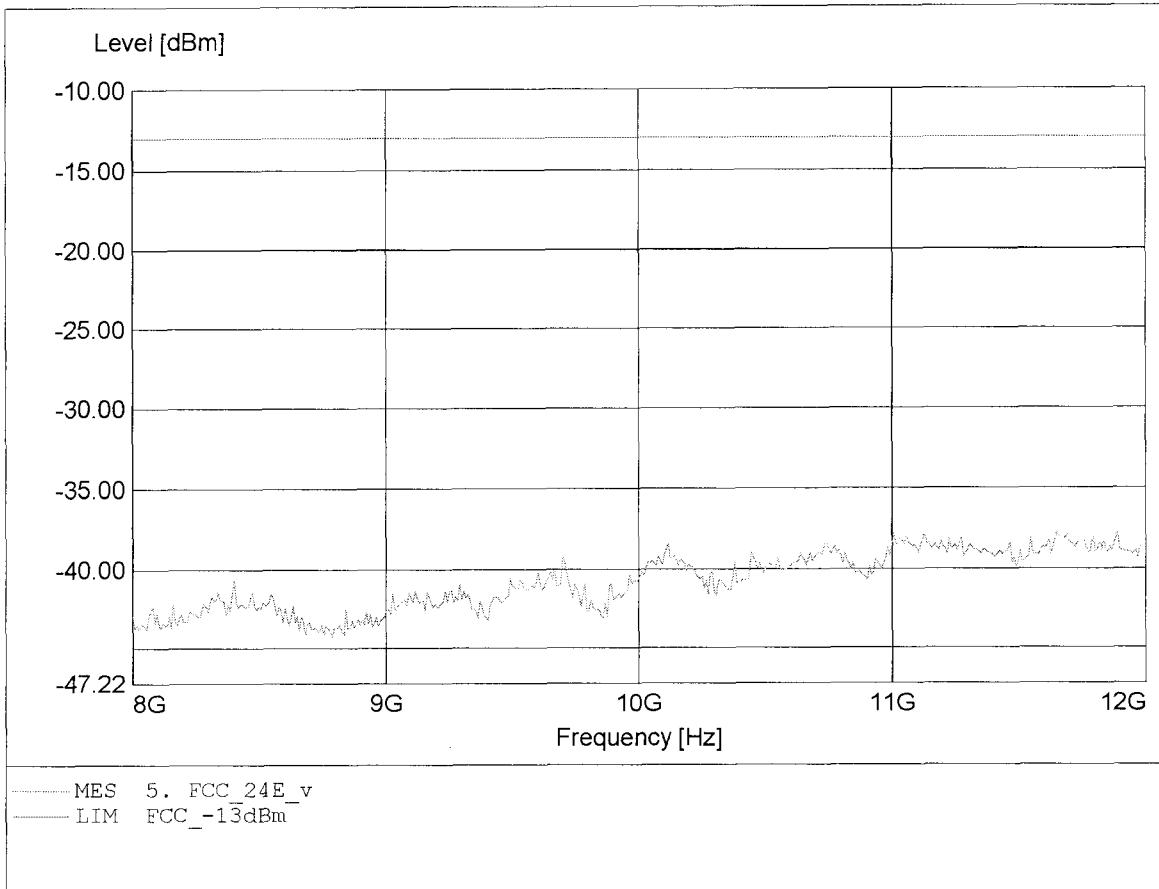
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**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.327GHz, Pmax: -37.77dBm, RBW: 1MHz



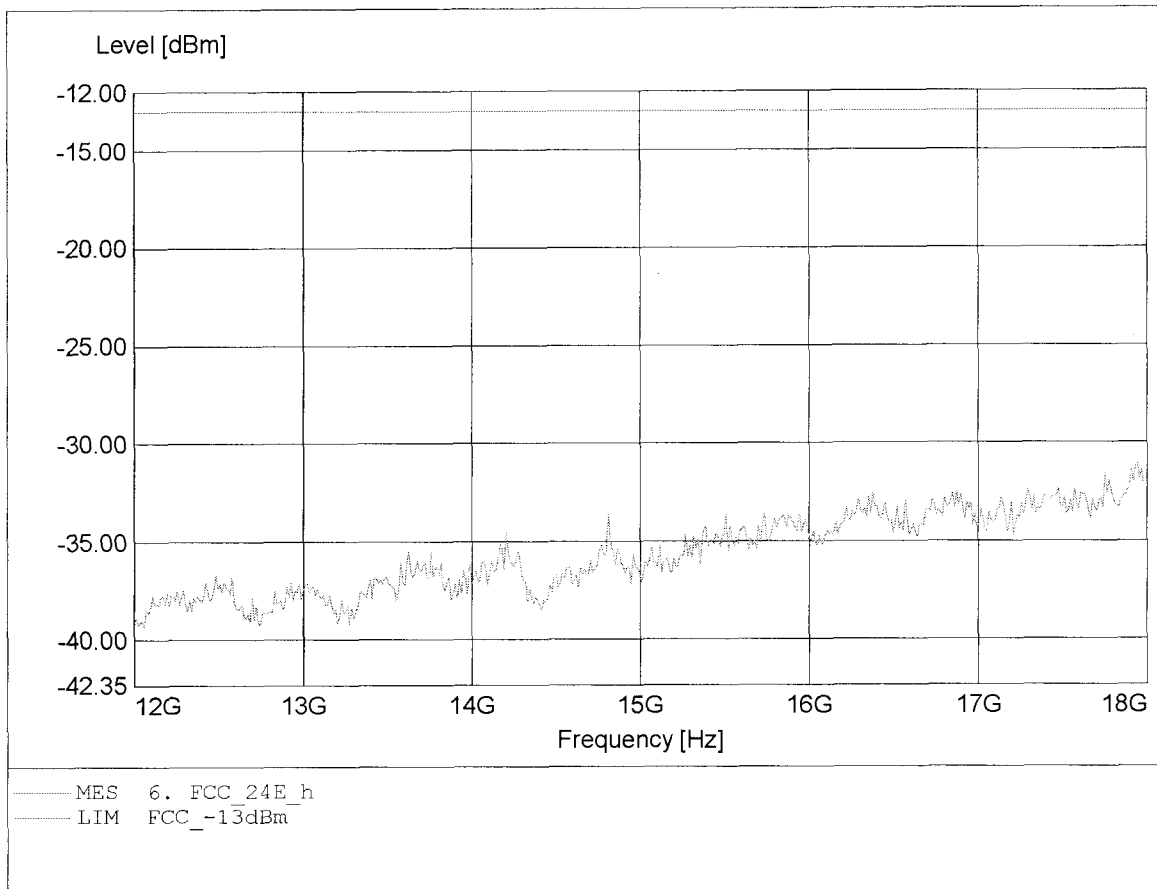
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.647GHz, Pmax: -37.72dBm, RBW: 1MHz



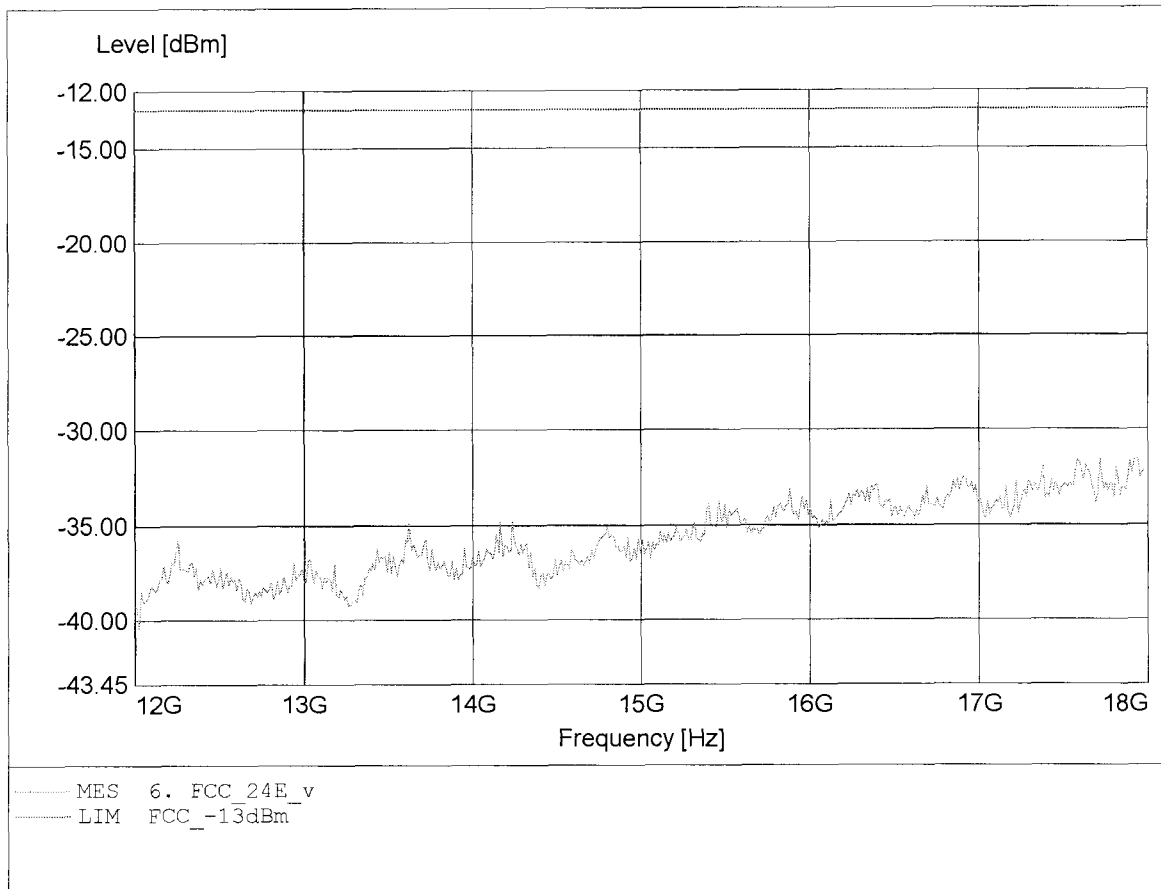
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.940GHz, Pmax: -31.03dBm, RBW: 1MHz



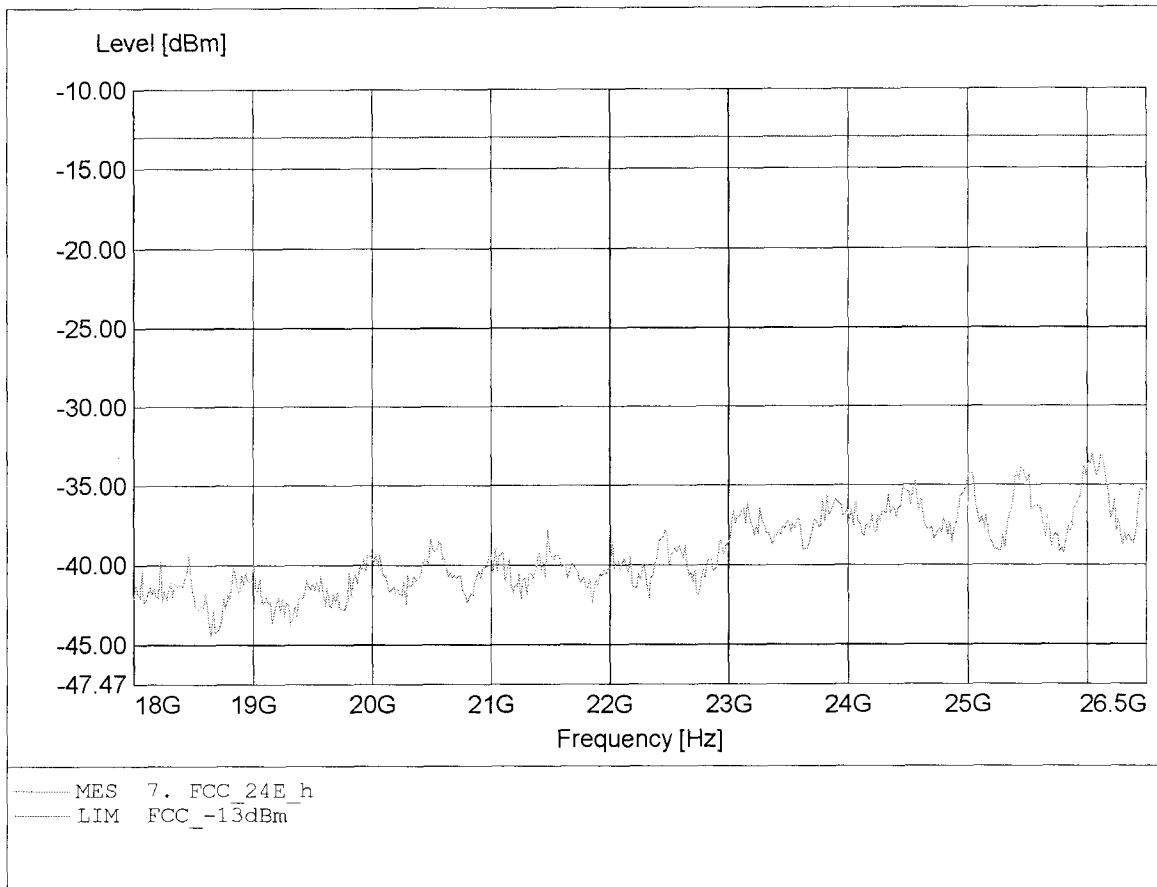
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.711GHz, Pmax: -31.54dBm, RBW: 1MHz



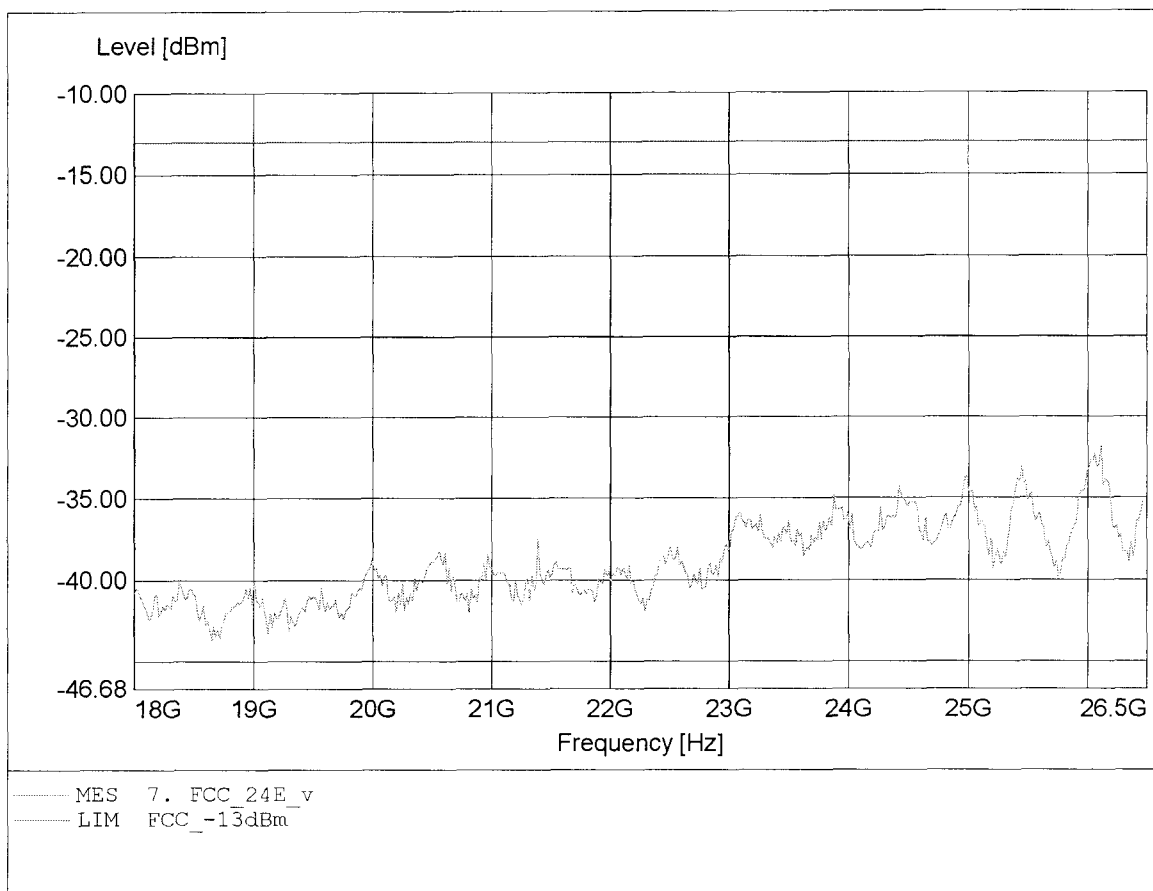
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.040GHz, Pmax: -33.03dBm, RBW: 1MHz



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

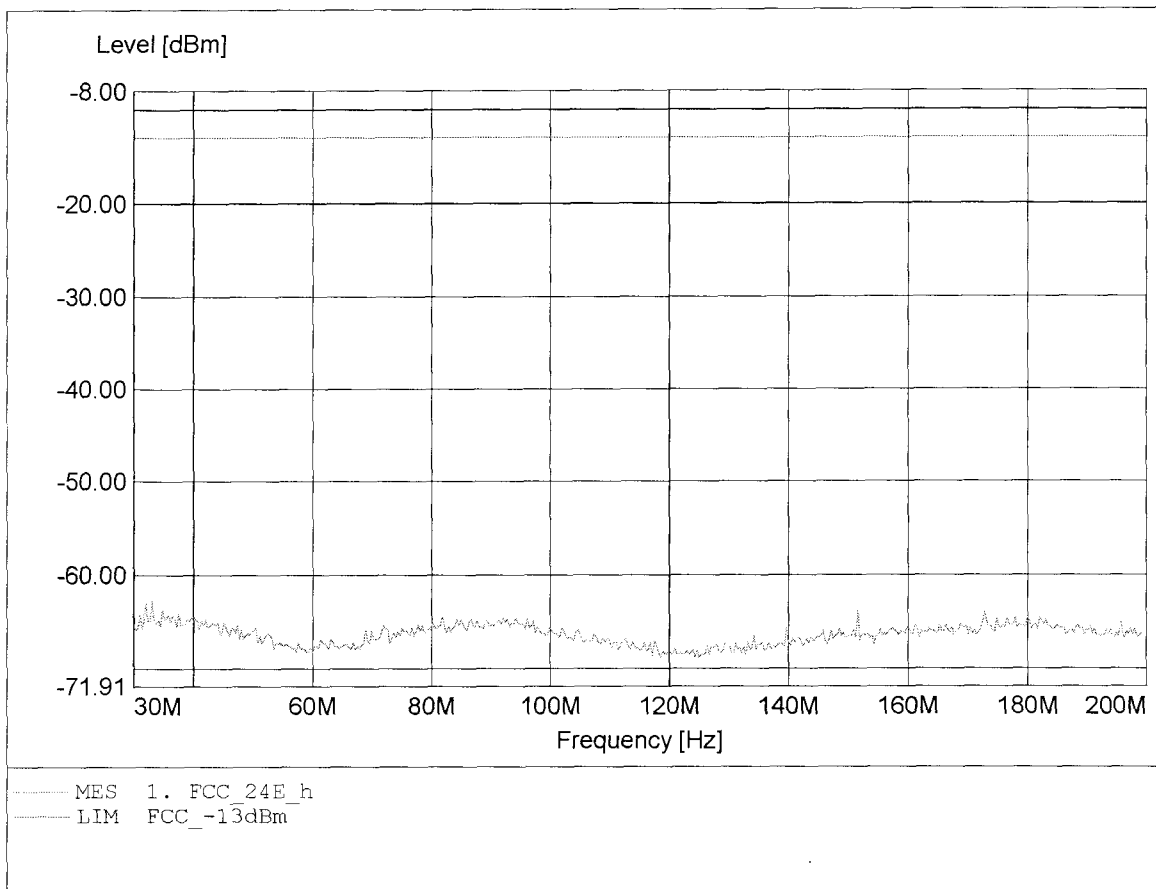
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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 512  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.108GHz, Pmax: -31.86dBm, RBW: 1MHz





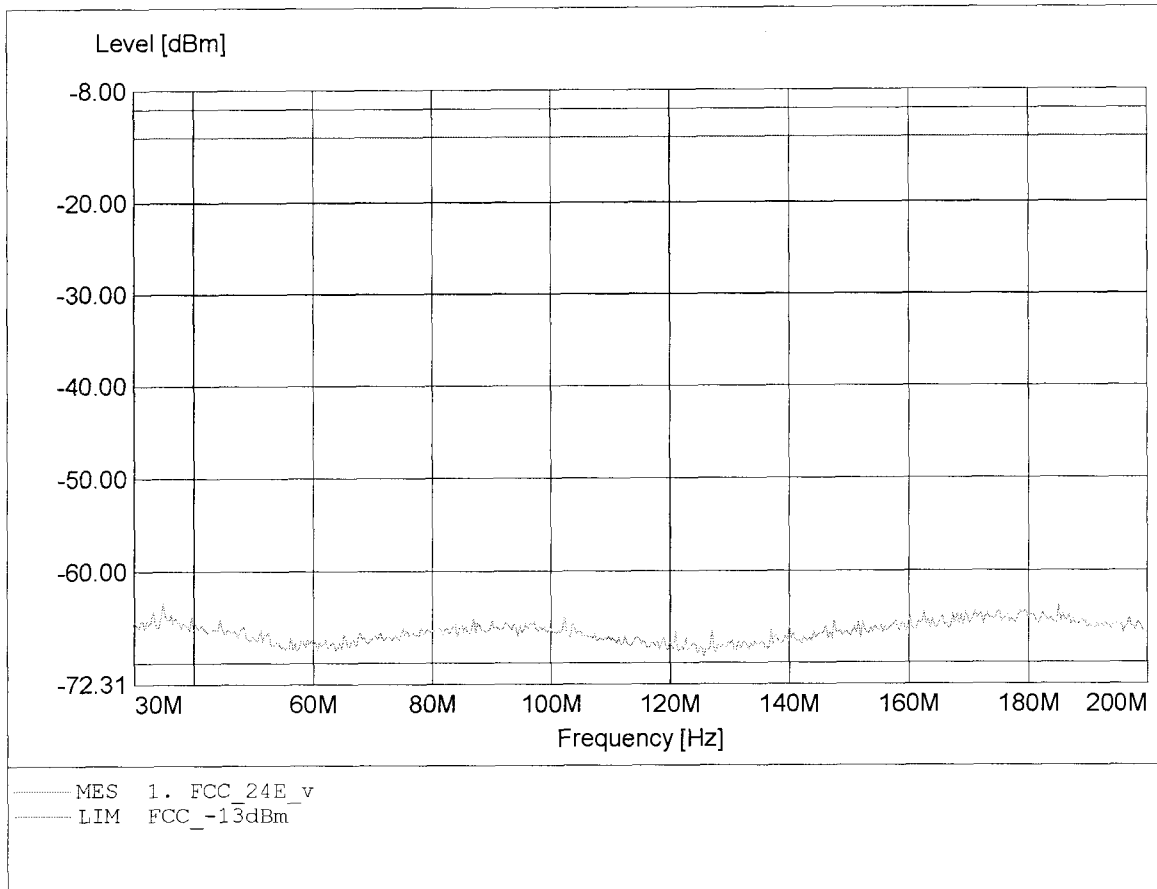
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 33.066MHz, Pmax: -62.74dBm, RBW: 100kHz



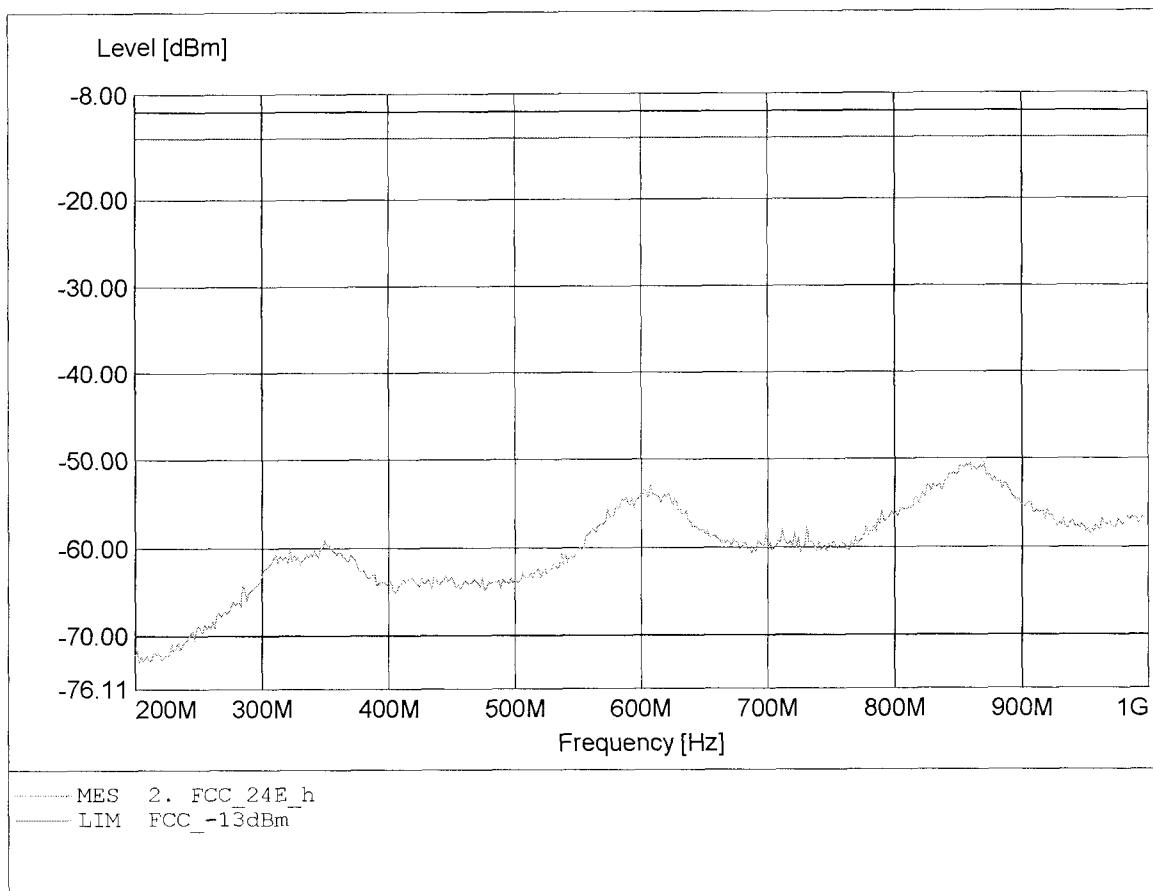
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**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 34.770MHz, Pmax: -63.39dBm, RBW: 100kHz



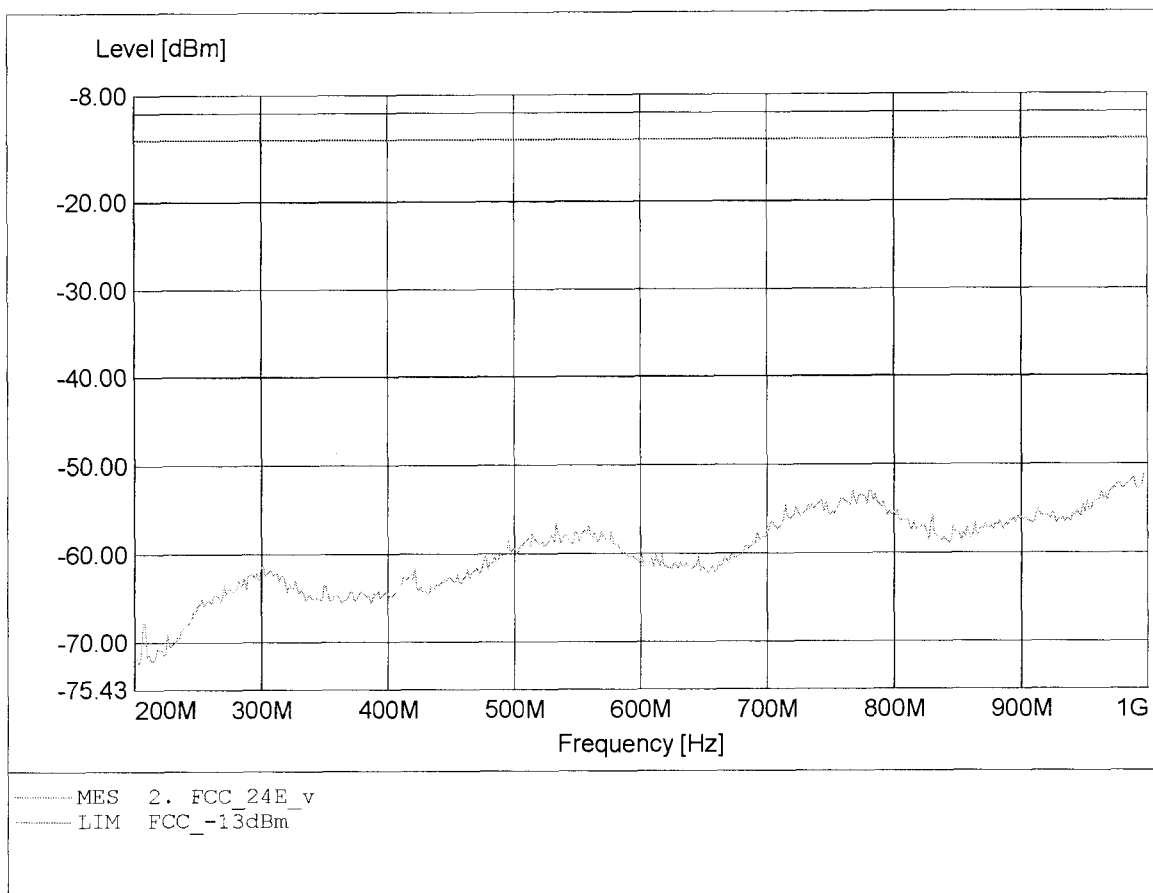
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**FCC RULES PART 24 SUBPART E**

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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 858.918MHz, Pmax: -50.40dBm, RBW: 100kHz



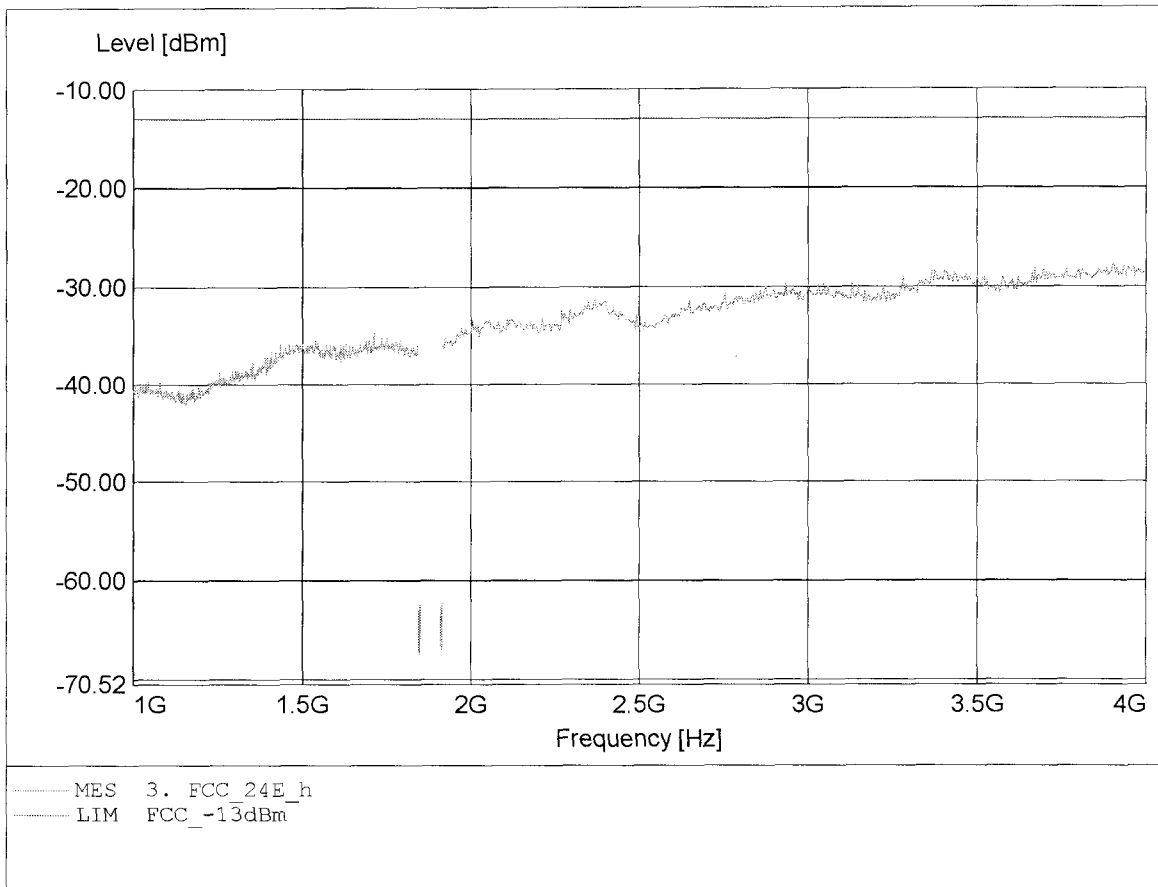
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 996.794MHz, Pmax: -51.00dBm, RBW: 100kHz



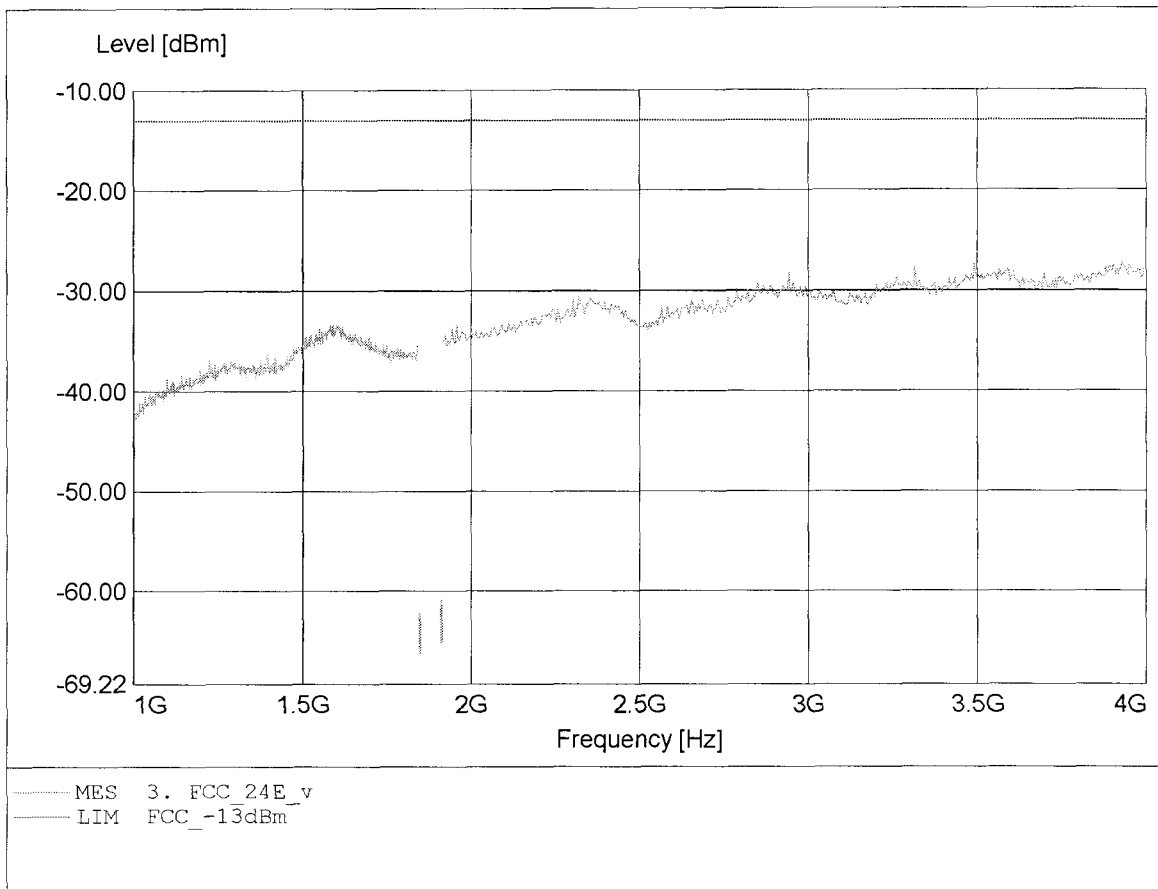
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.900GHz, Pmax: -27.83dBm, RBW: 1MHz/3kHz



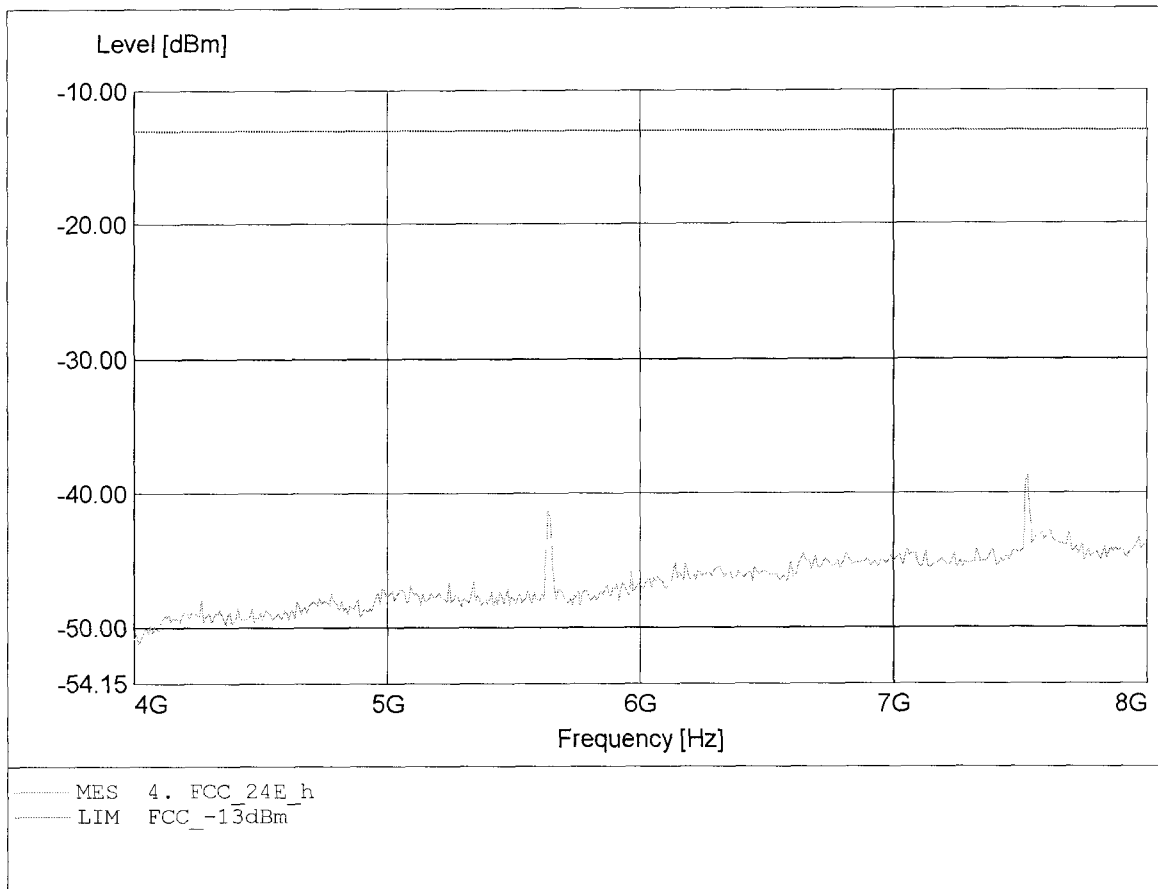
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.929GHz, Pmax: -27.16dBm, RBW: 1MHz/3kHz



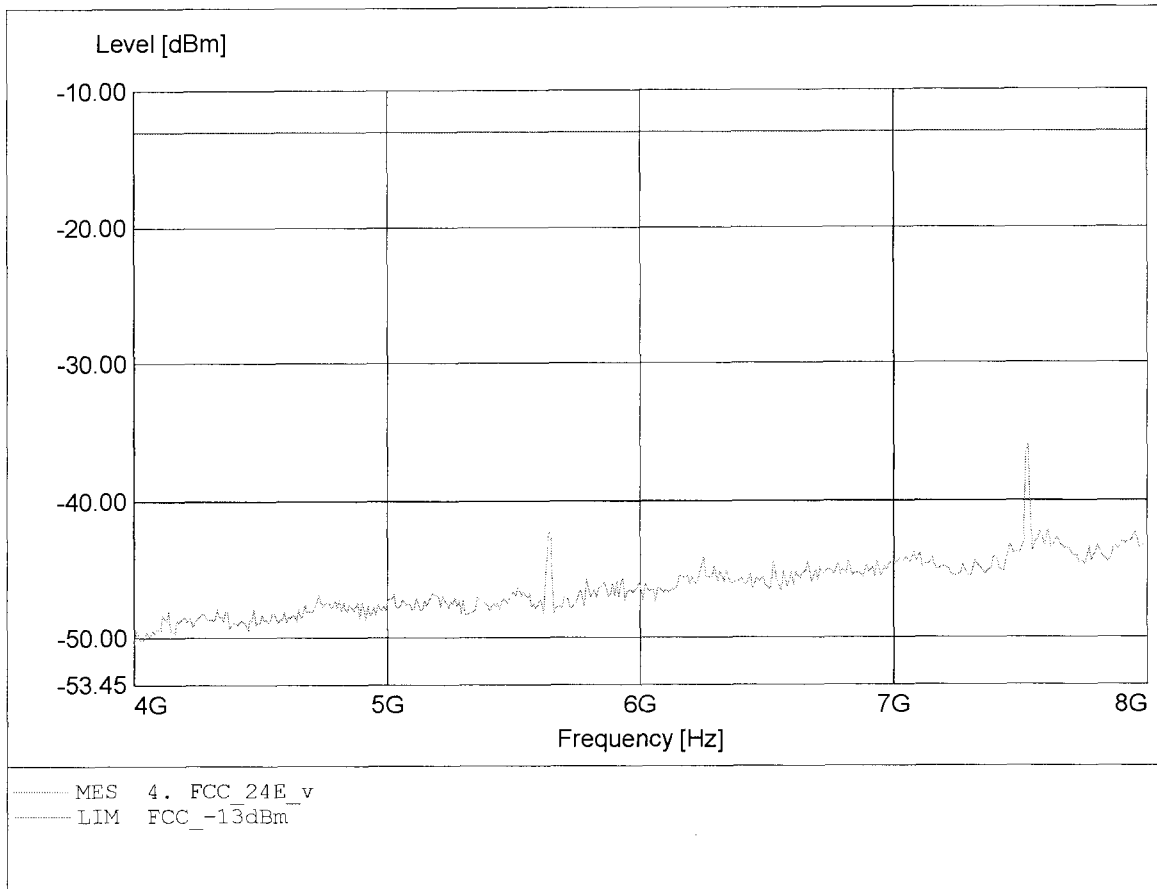
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.527GHz, Pmax: -38.62dBm, RBW: 1MHz



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

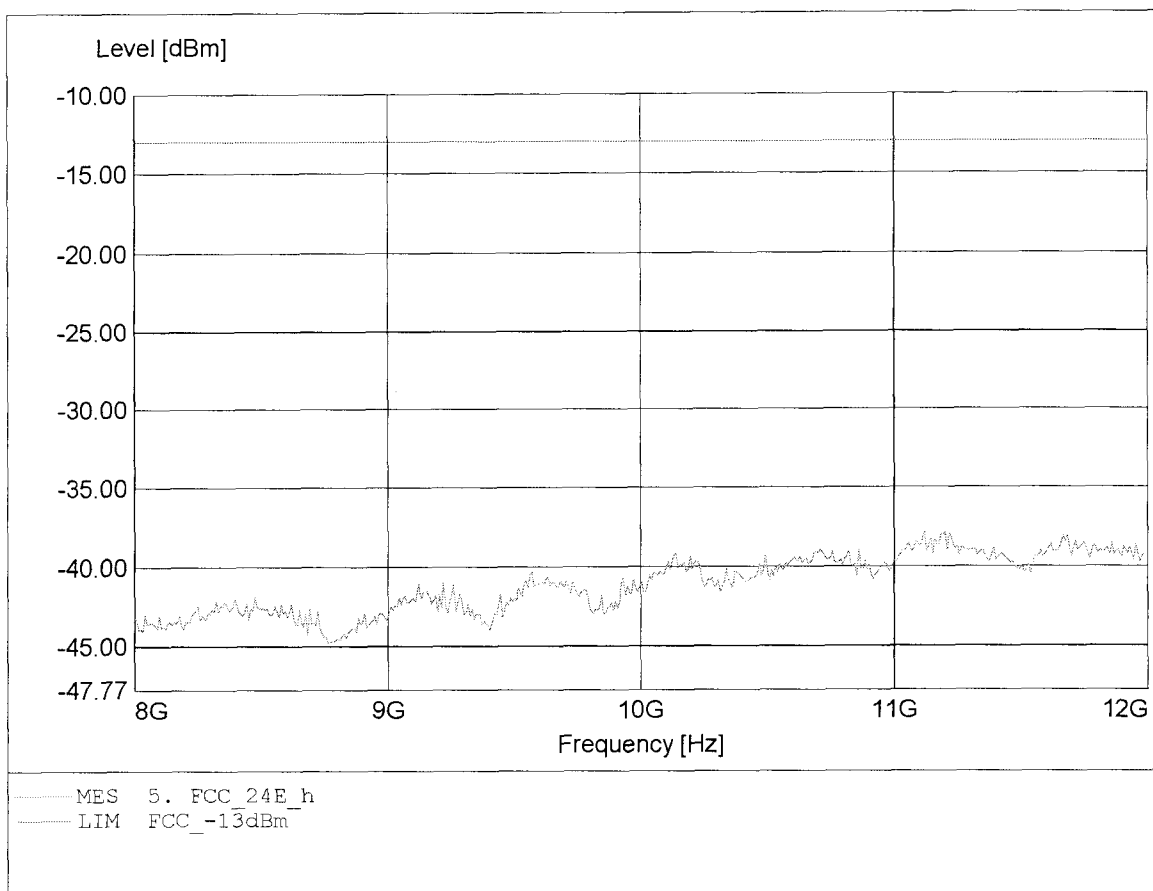
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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.527GHz, Pmax: -35.96dBm, RBW: 1MHz





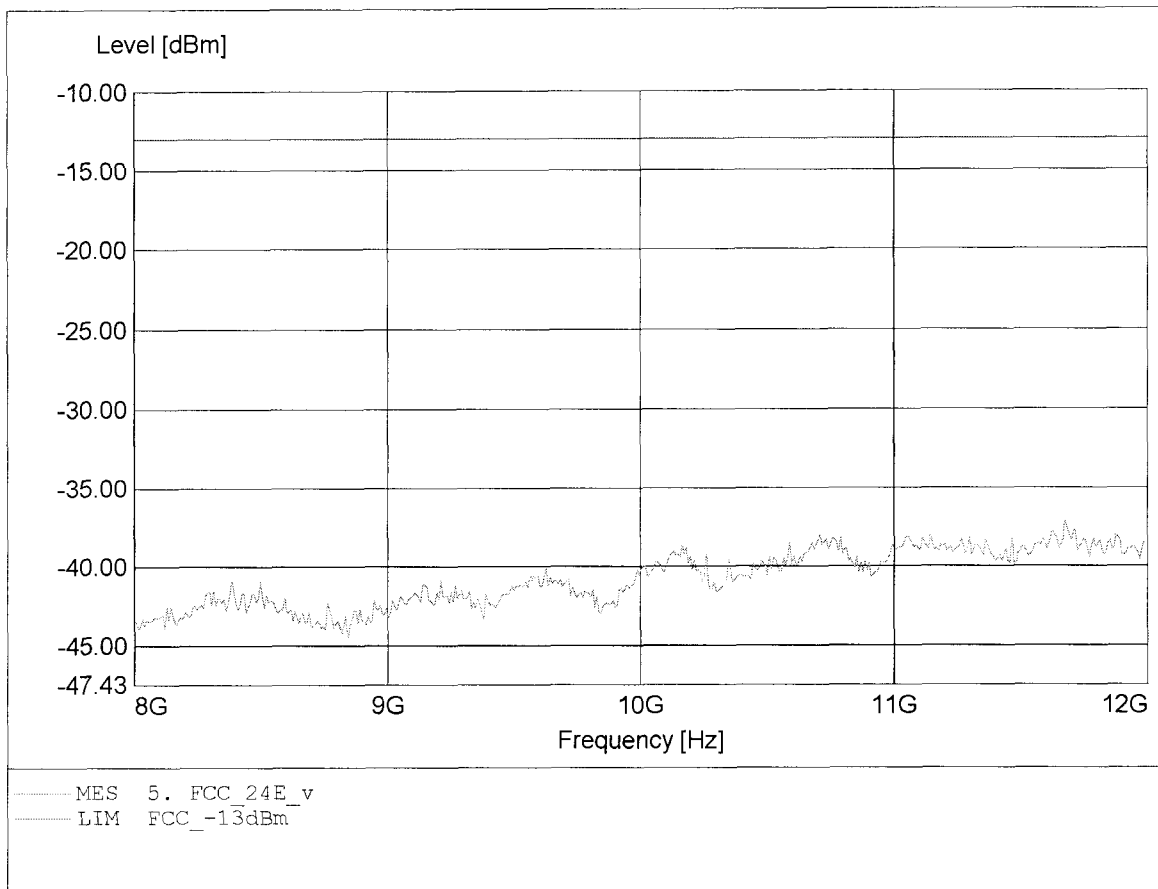
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.118GHz, Pmax: -37.79dBm, RBW: 1MHz



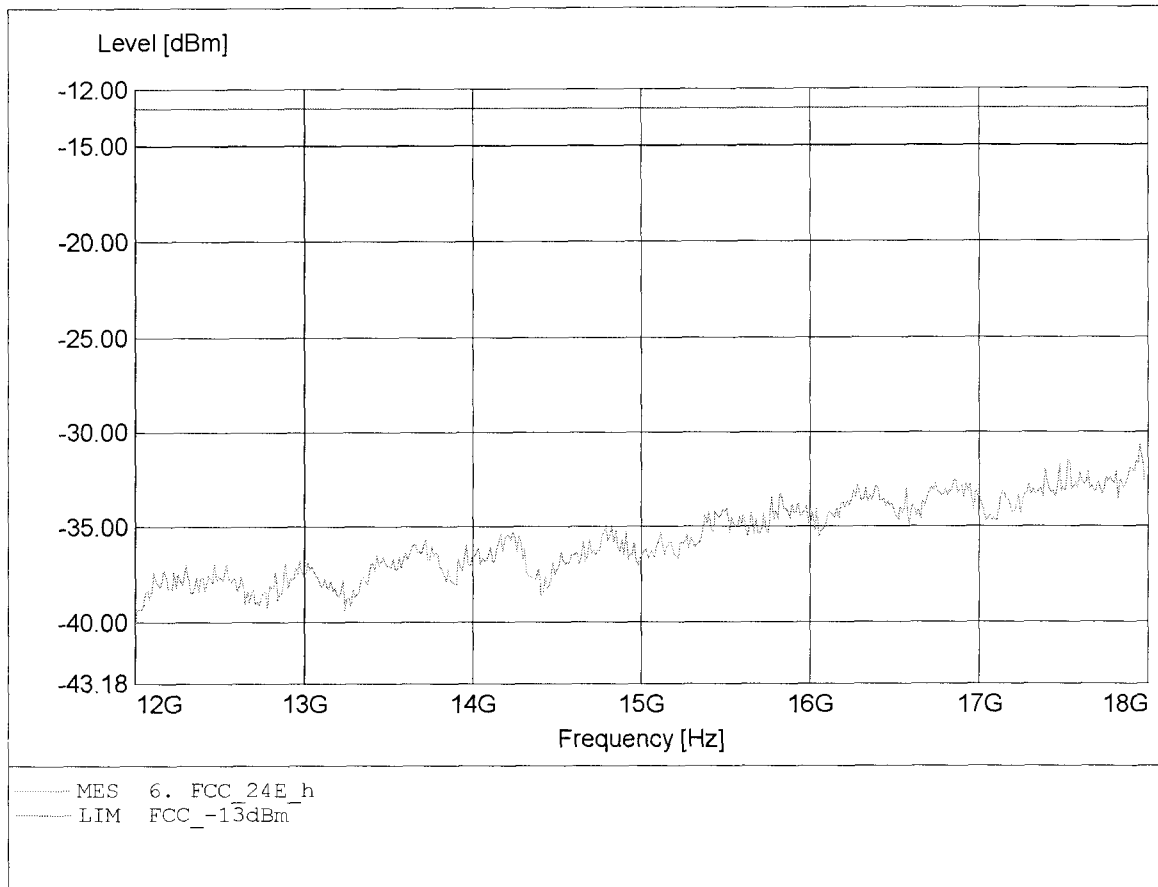
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.671GHz, Pmax: -37.10dBm, RBW: 1MHz



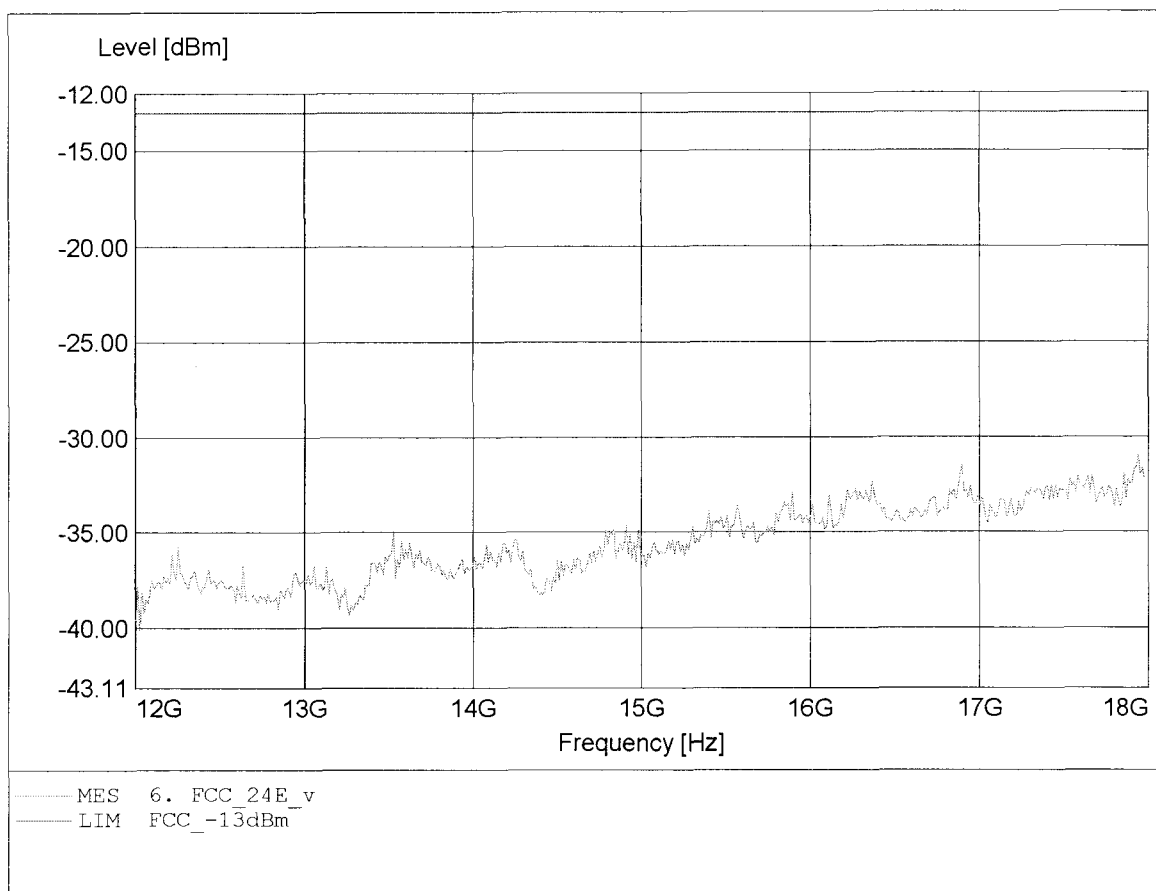
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

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Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
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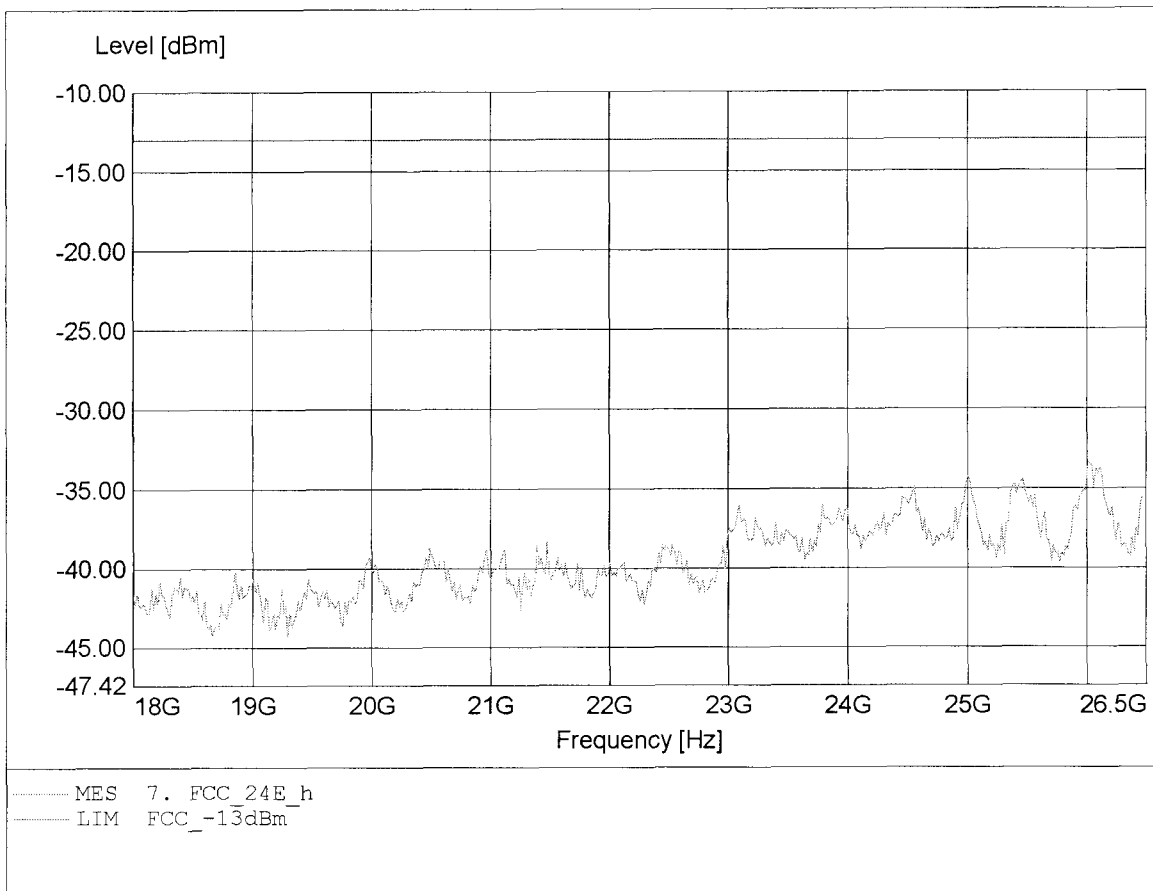
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.940GHz, Pmax: -30.99dBm, RBW: 1MHz



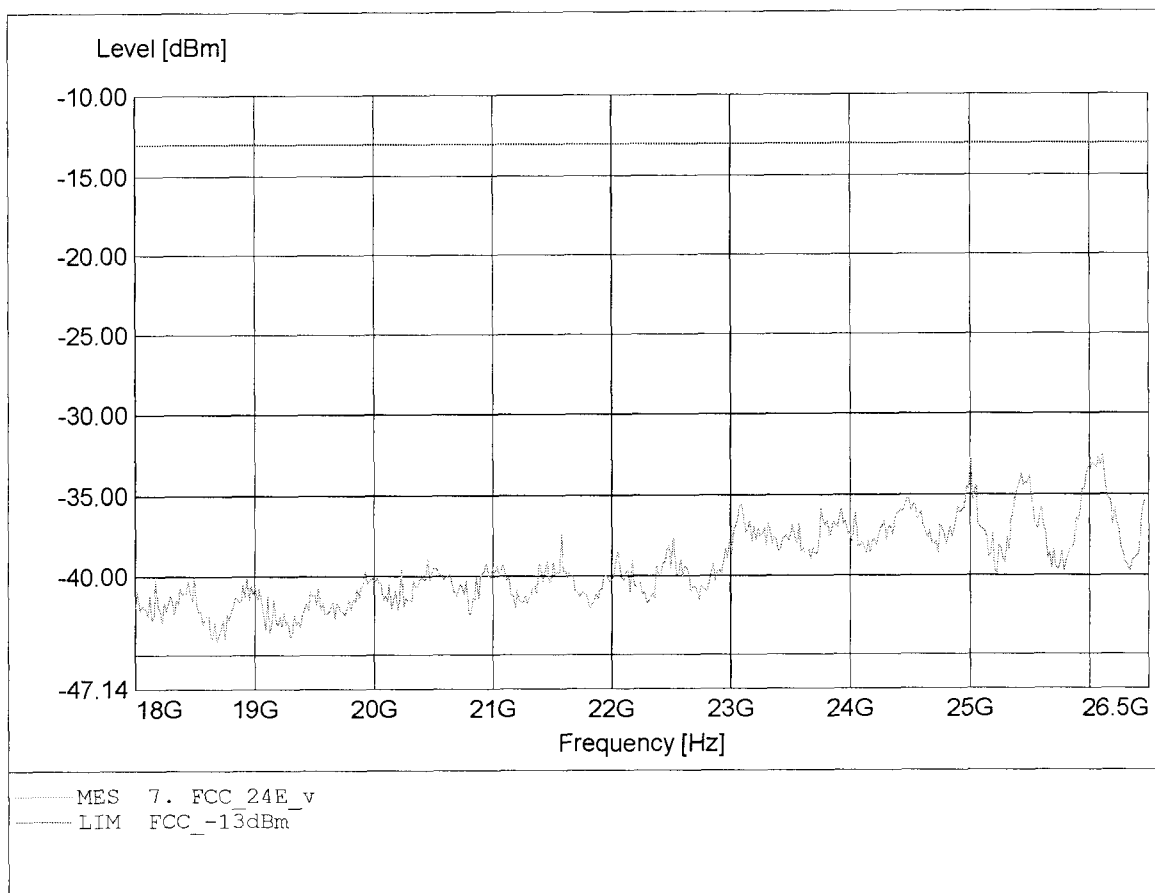
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.006GHz, Pmax: -33.28dBm, RBW: 1MHz



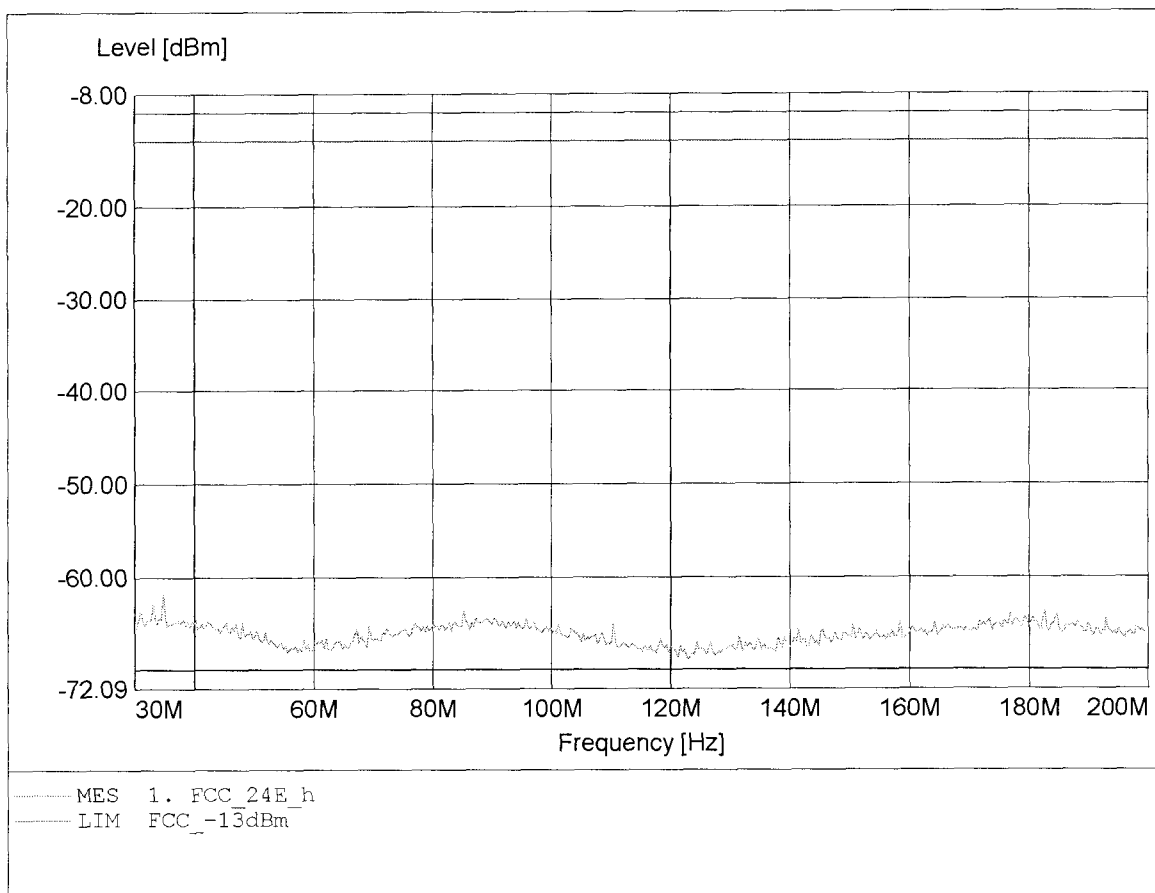
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 661  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.108GHz, Pmax: -32.59dBm, RBW: 1MHz



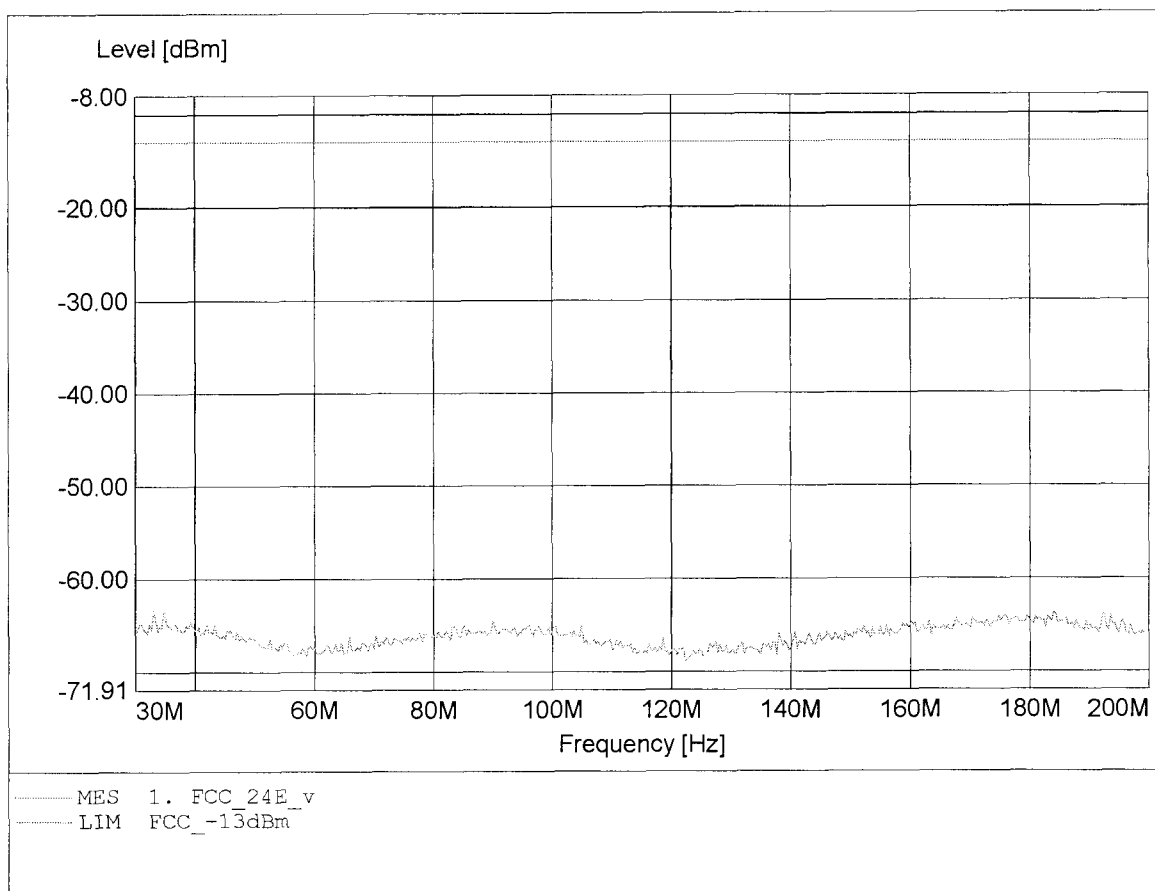
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 34.770MHz, Pmax: -61.84dBm, RBW: 100kHz



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

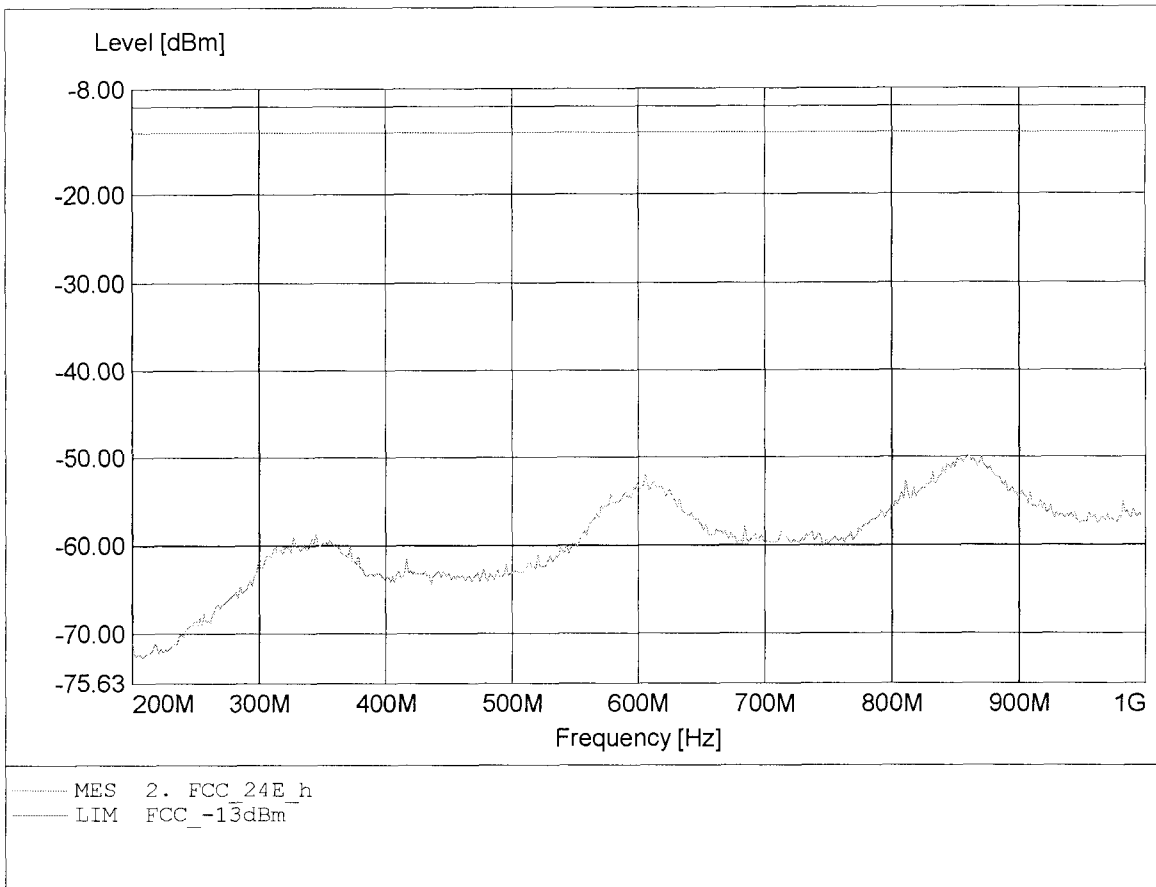
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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 33.066MHz, Pmax: -63.28dBm, RBW: 100kHz





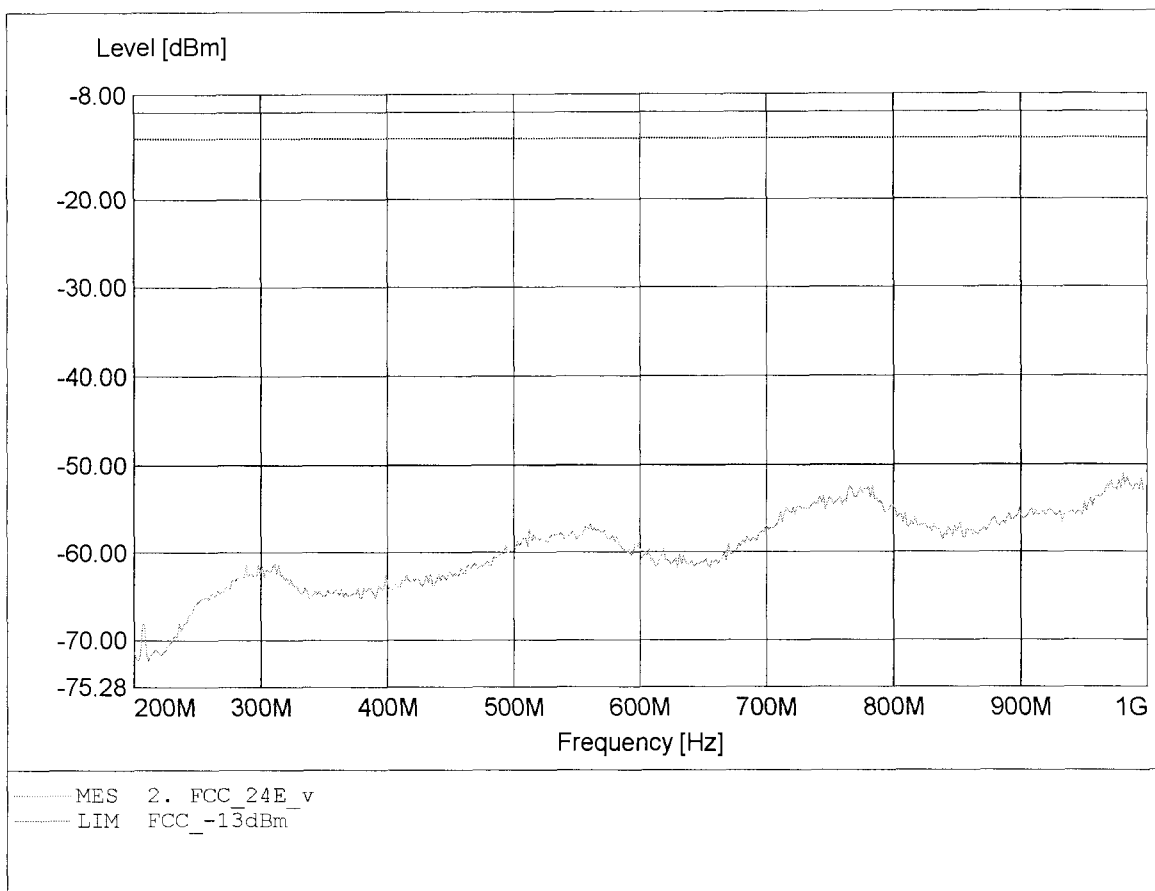
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 870.140MHz, Pmax: -49.90dBm, RBW: 100kHz



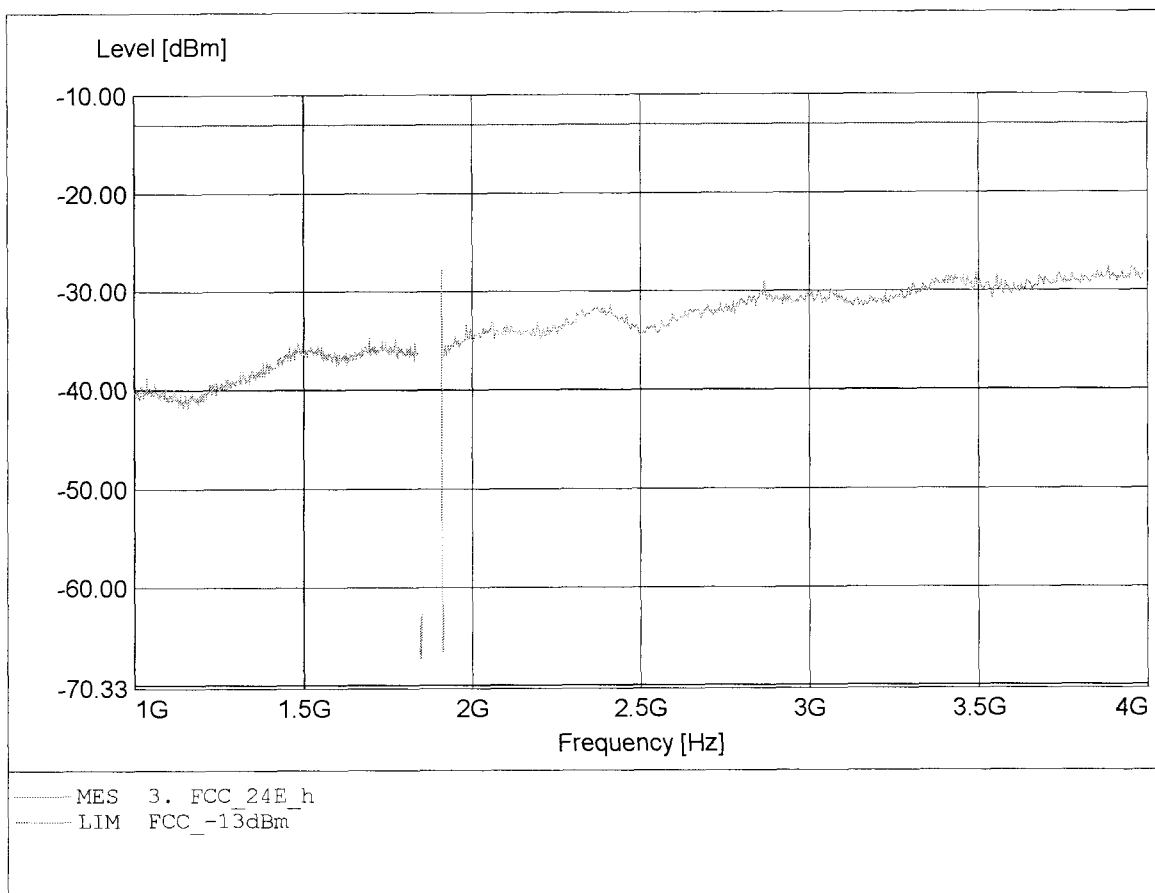
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL 223  
Comment 2: Freq: 980.762MHz, Pmax: -50.97dBm, RBW: 100kHz



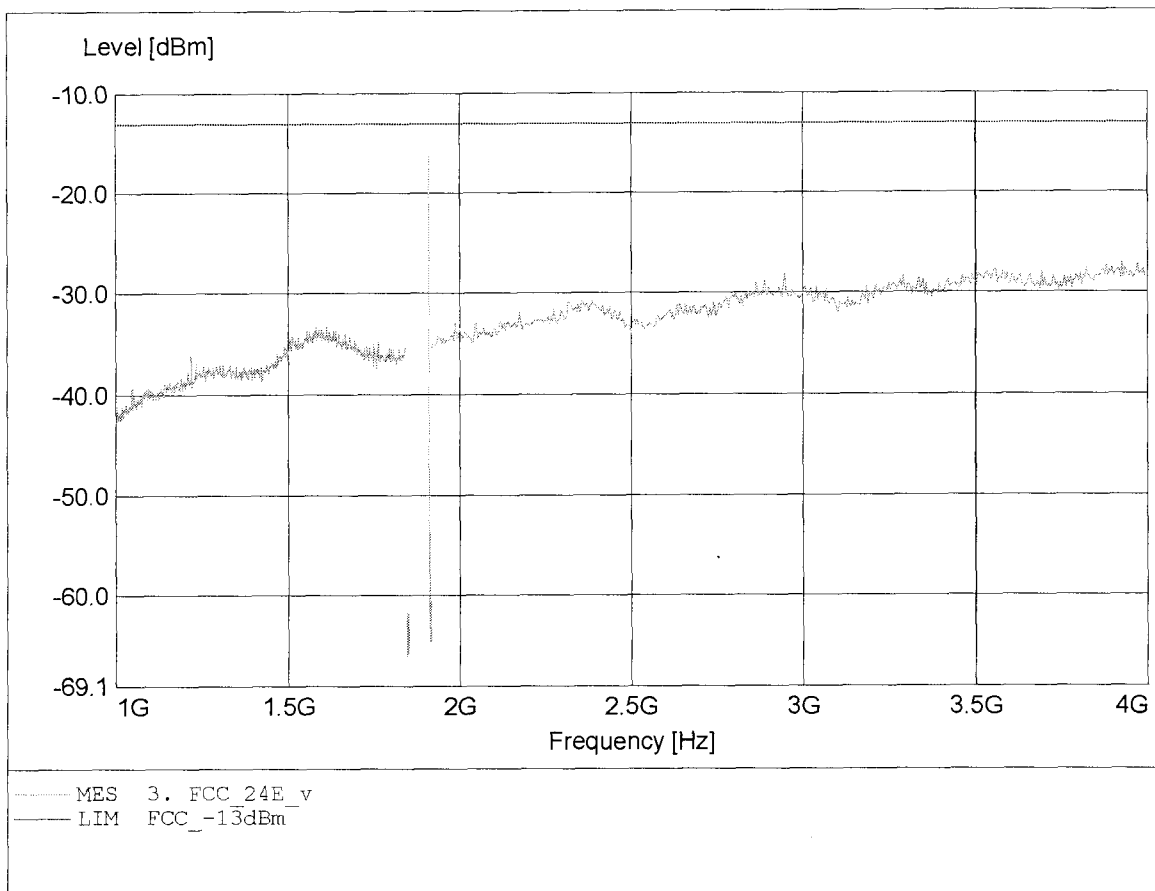
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 3.954GHz, Pmax: -27.59dBm, RBW: 1MHz/3kHz



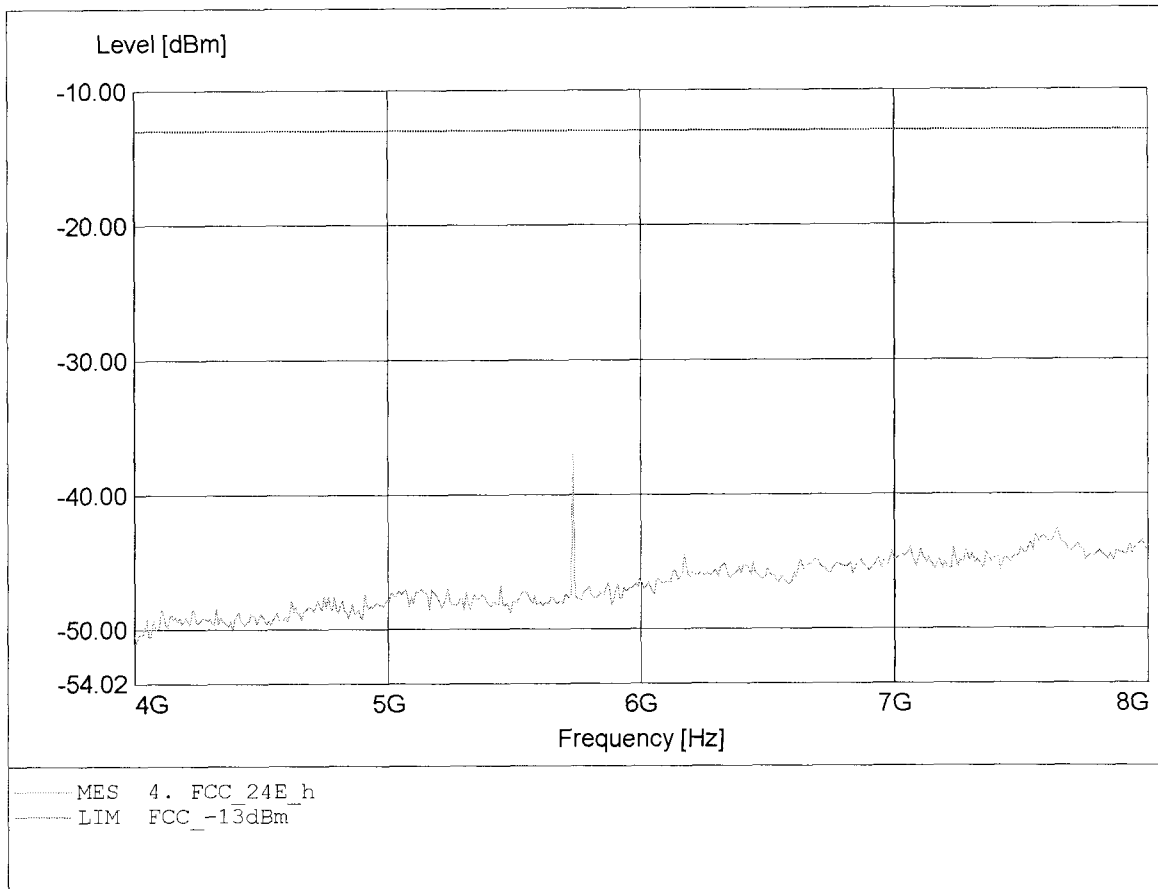
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 1.910GHz, Pmax: -16.28dBm, RBW: 1MHz/3kHz



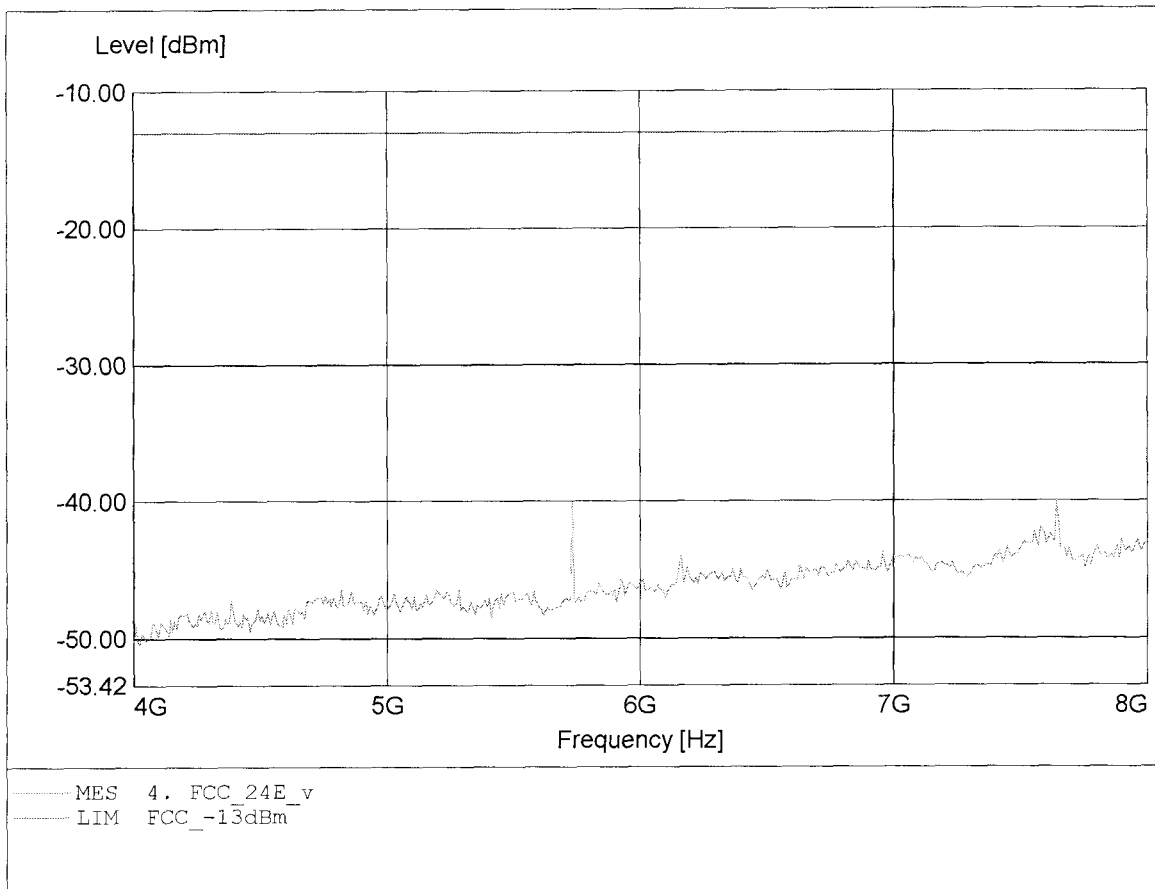
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 5.731GHz, Pmax: -36.99dBm, RBW: 1MHz



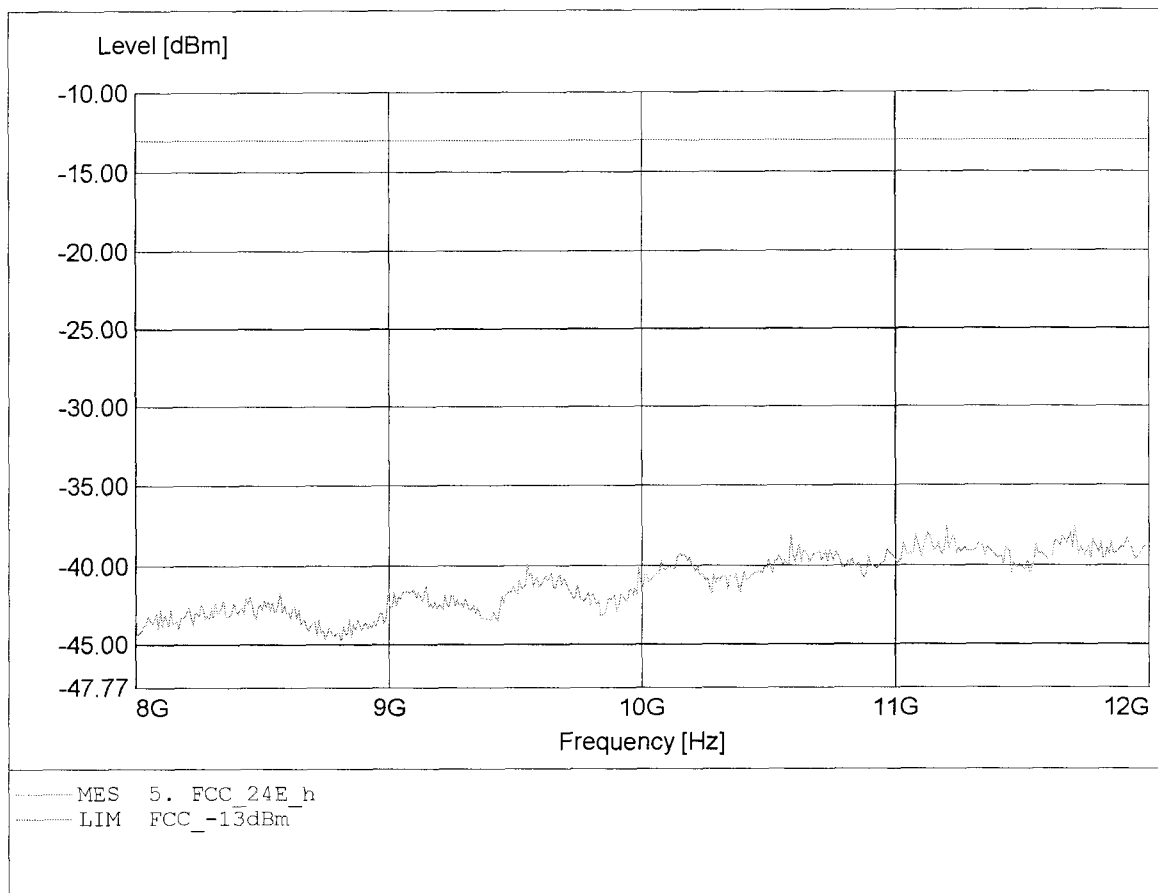
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.639GHz, Pmax: -39.96dBm, RBW: 1MHz



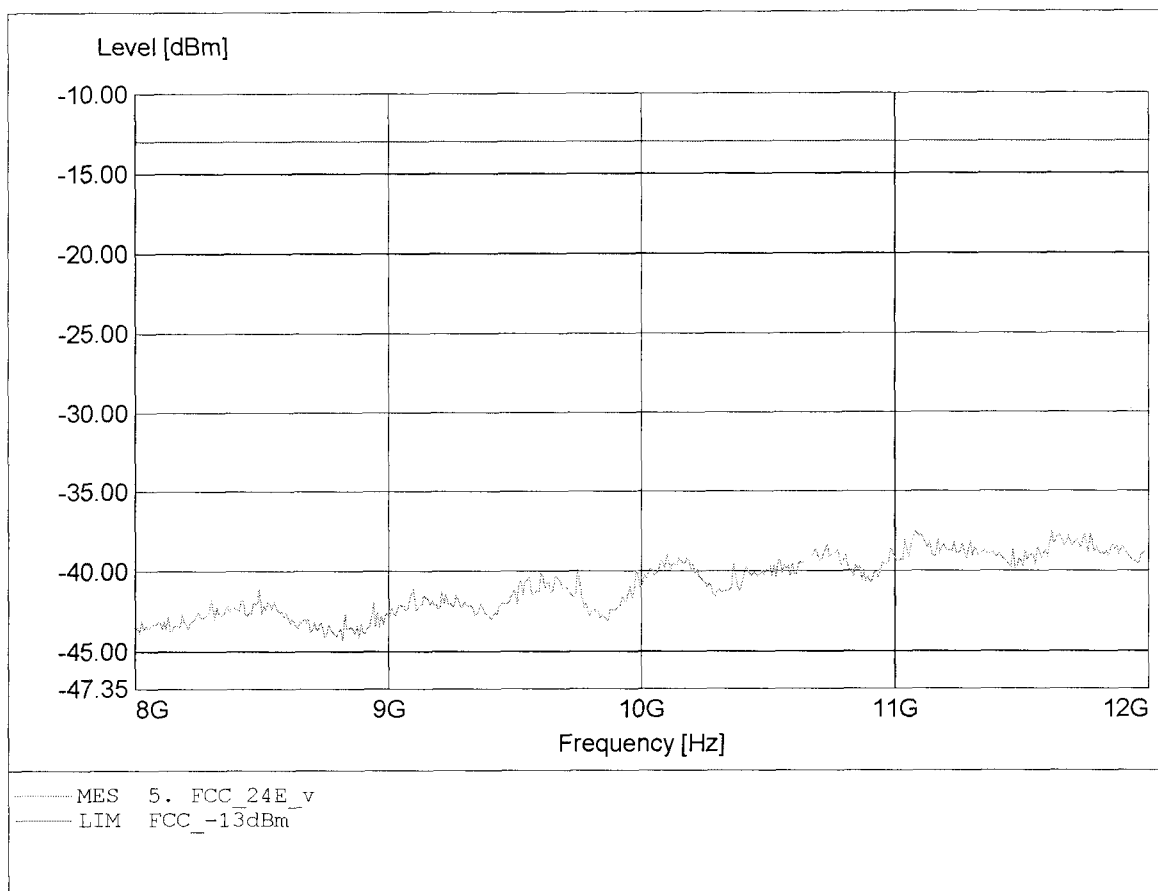
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.703GHz, Pmax: -37.51dBm, RBW: 1MHz



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

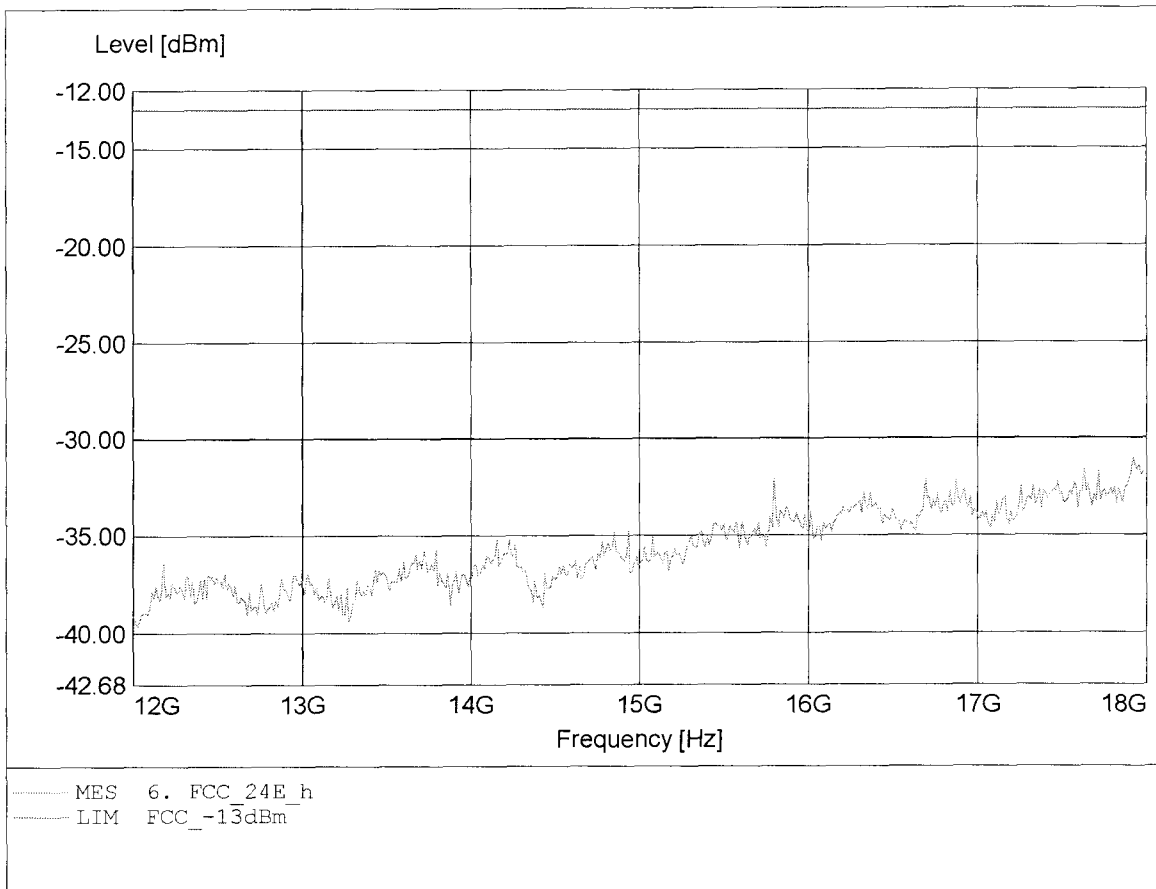
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EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to S24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.615GHz, Pmax: -37.50dBm, RBW: 1MHz





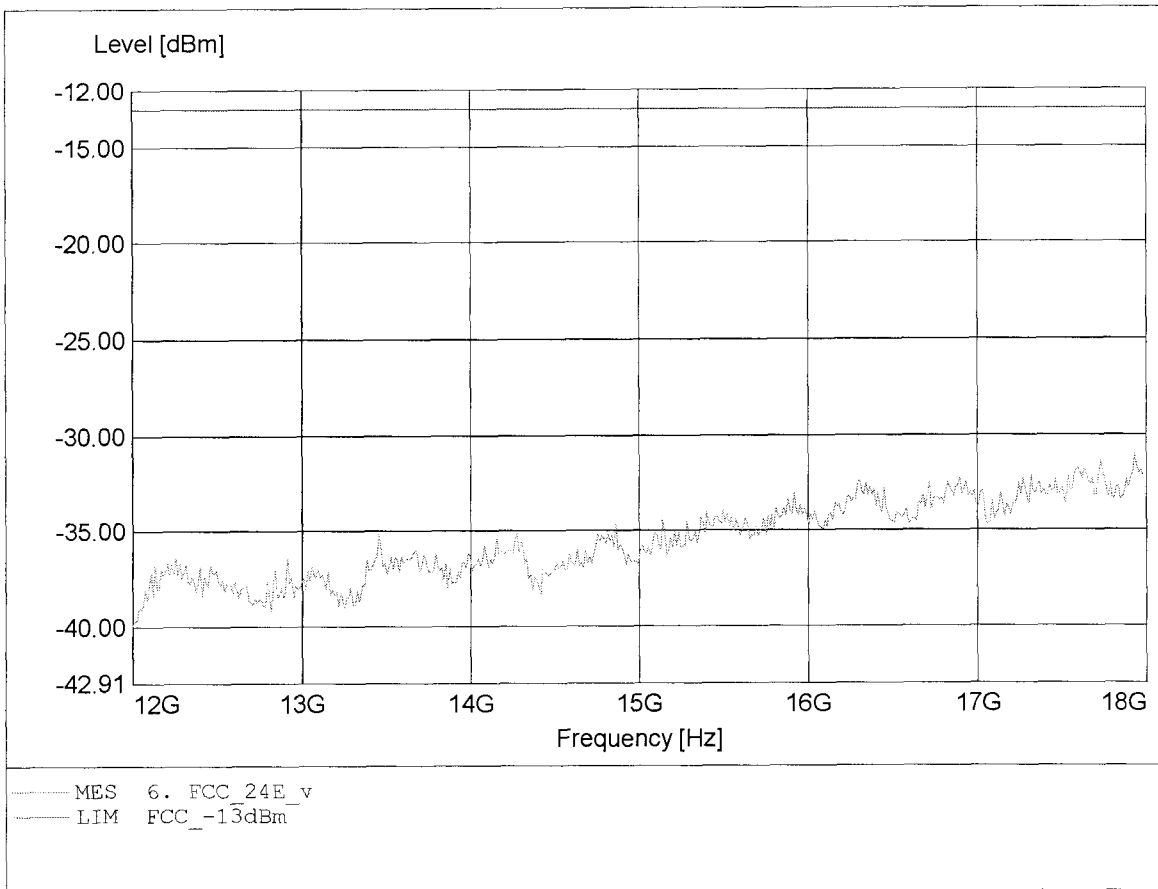
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.916GHz, Pmax: -31.06dBm, RBW: 1MHz



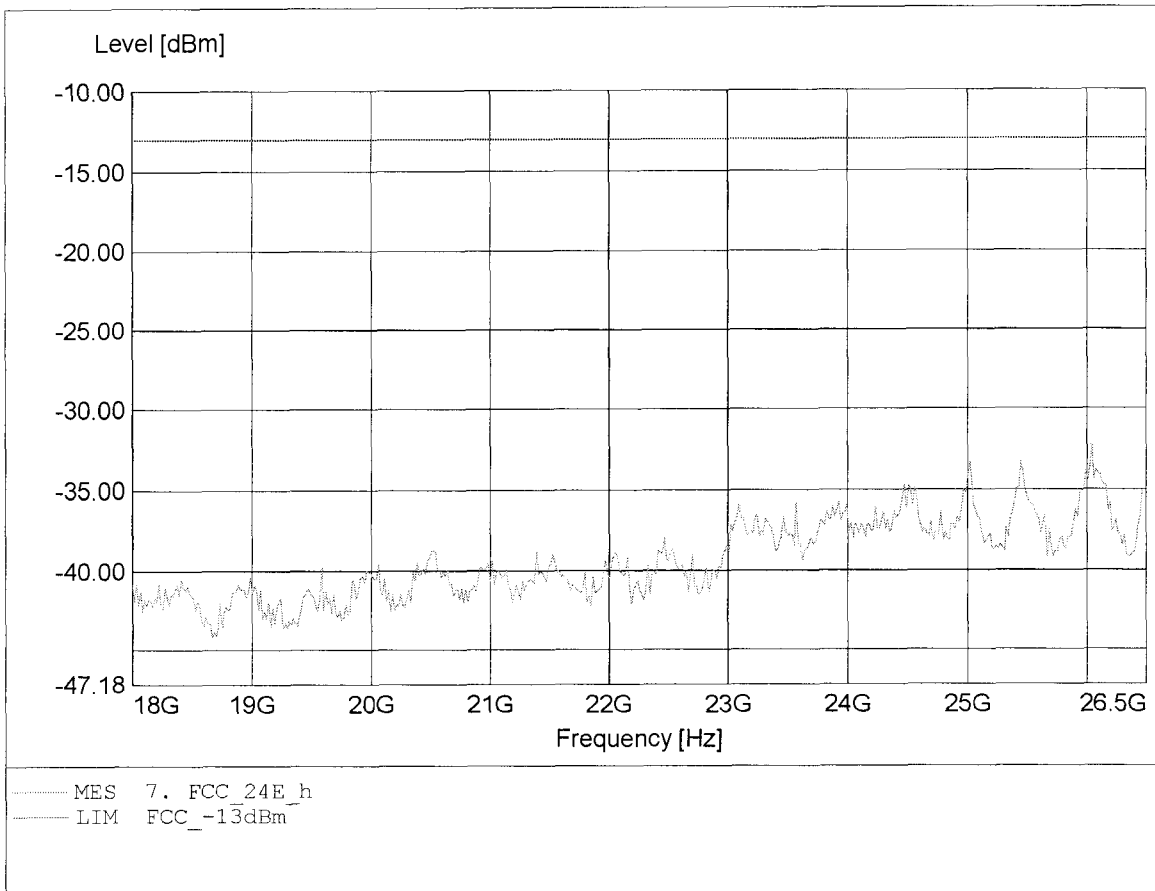
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.928GHz, Pmax: -31.07dBm, RBW: 1MHz



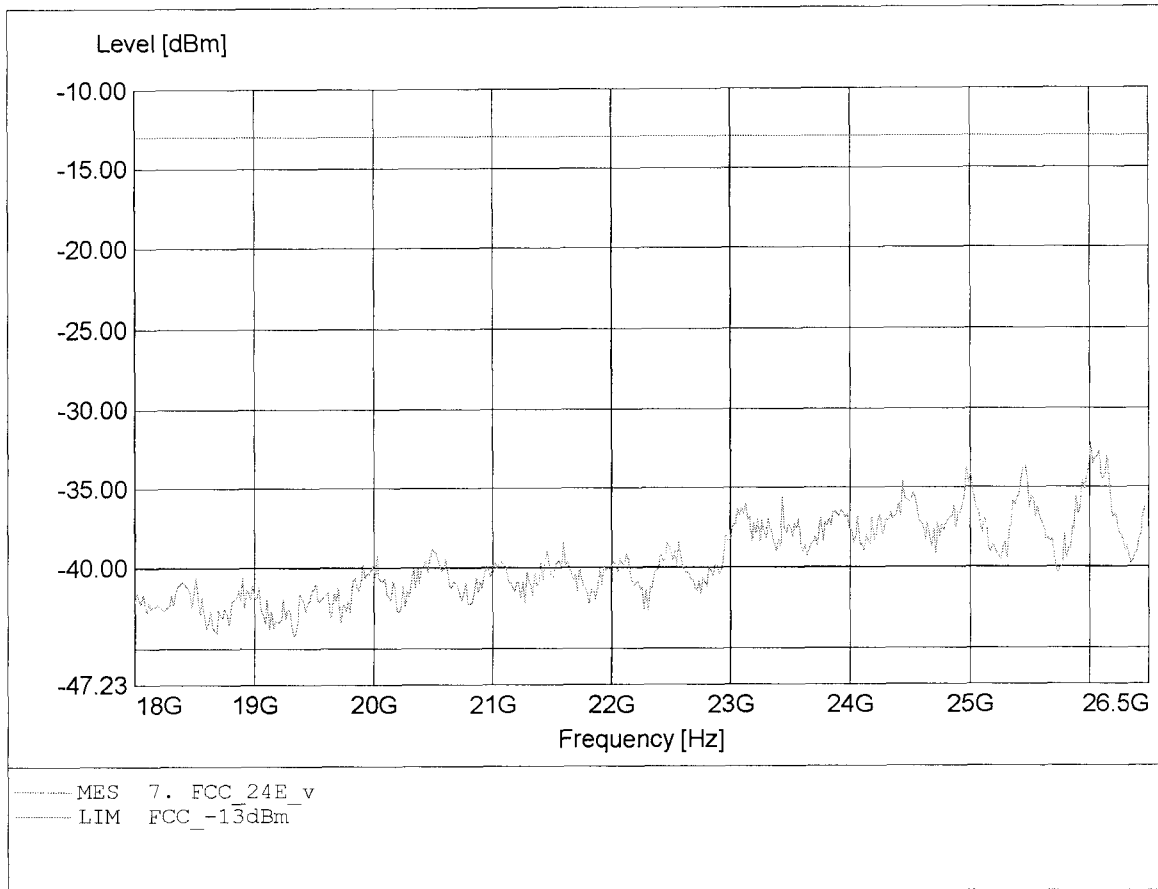
**Radiated Emissions Tx**  
**FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.040GHz, Pmax: -32.22dBm, RBW: 1MHz



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

Approval Holder: PANTECH CO., LTD.  
EUT: TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)  
Model / Mode: C150 / EGPRS / Channel: 810  
Test Site / Operator: ETS / Mr. Schlaps  
Operating Conditions: 23°C / Unom.: 3.70 V DC  
Test Specification: according to §24.238  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.006GHz, Pmax: -32.11dBm, RBW: 1MHz

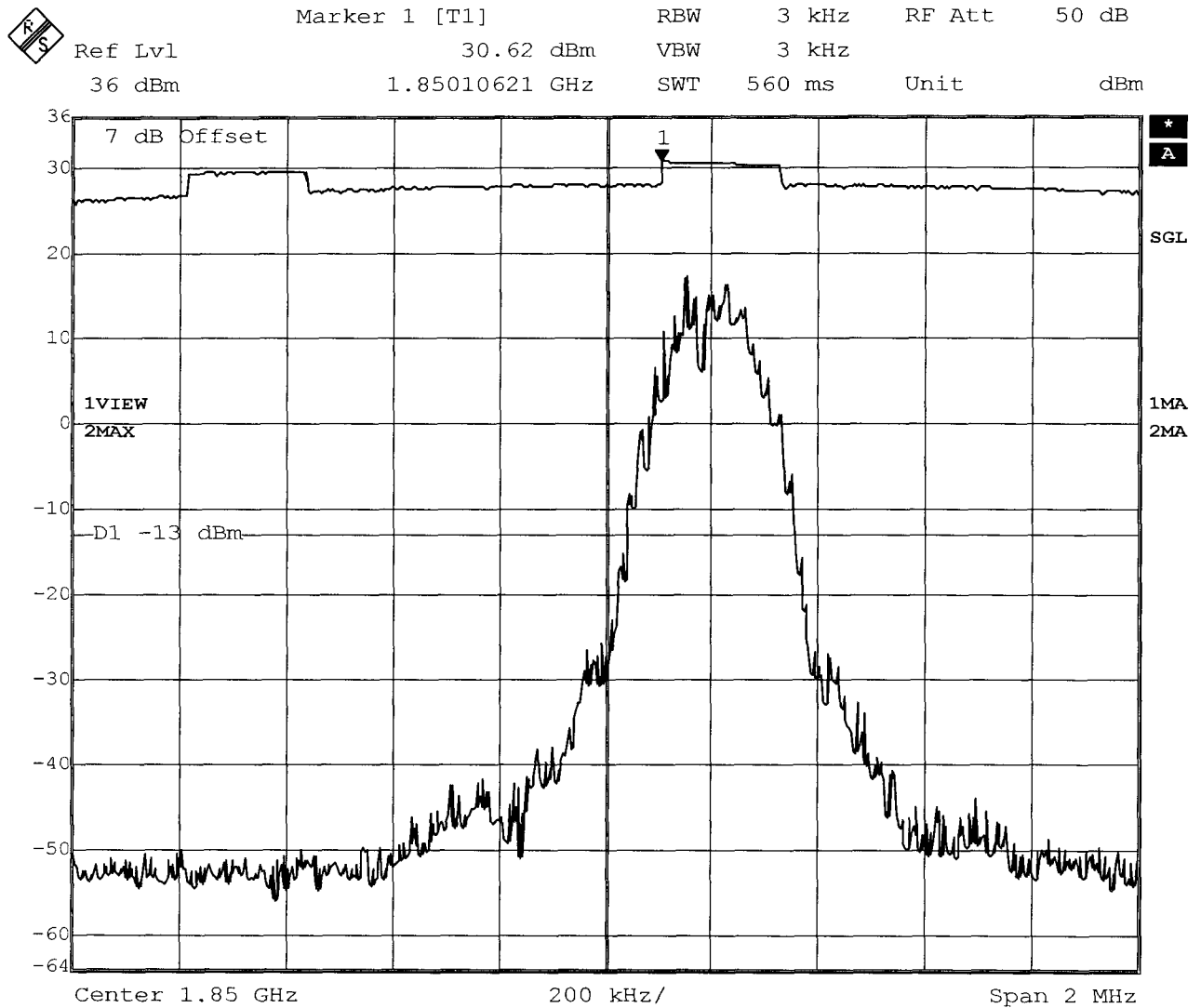


## Appendix H

Block edge compliance

**FCC Part 24 E**  
**Lower Block edge**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 512

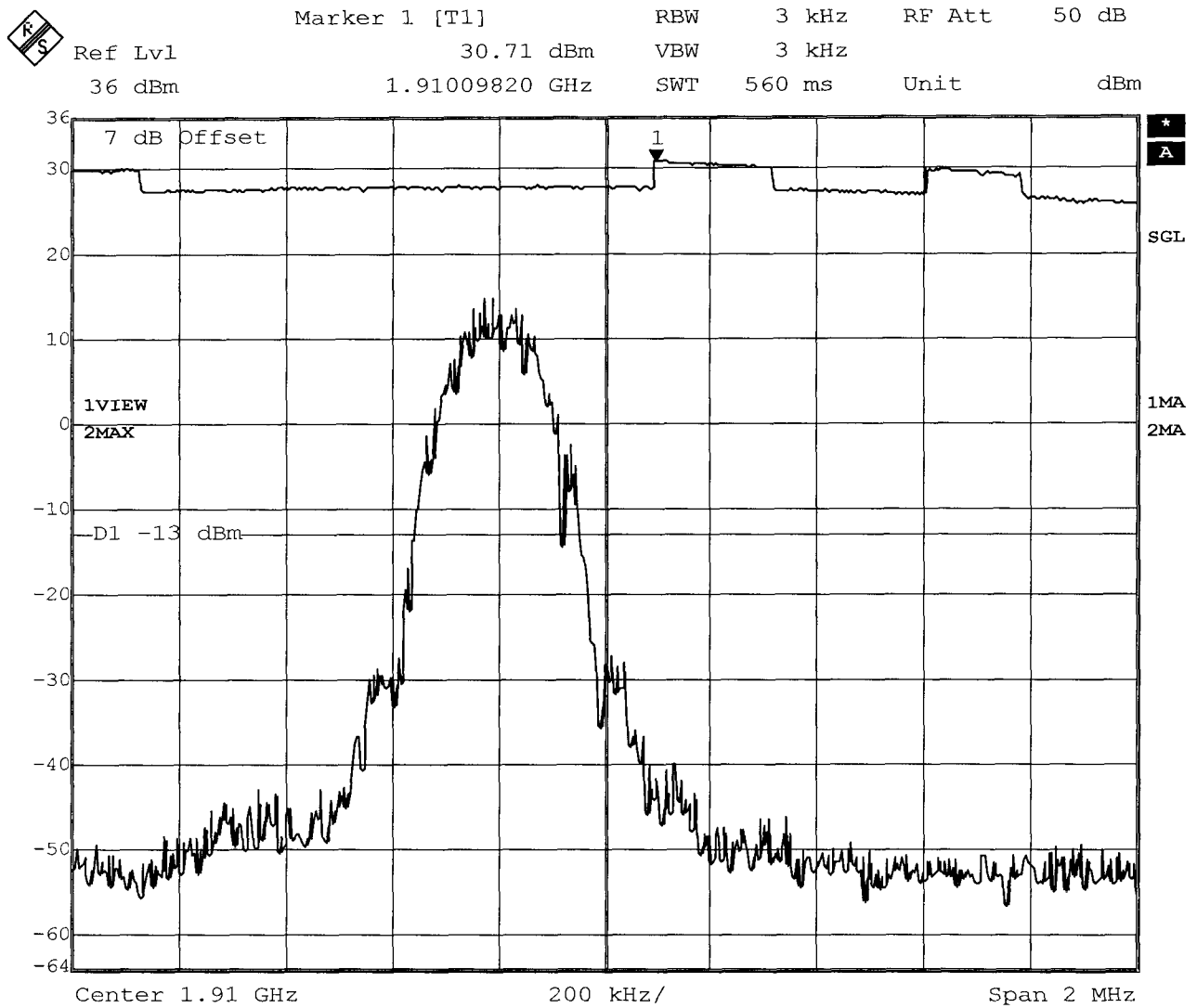


Date: 14.FEB.2007 19:30:45

Measurement diagram

**FCC Part 24 E  
Higher Block edge**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E
Comment 1	Channel: 810

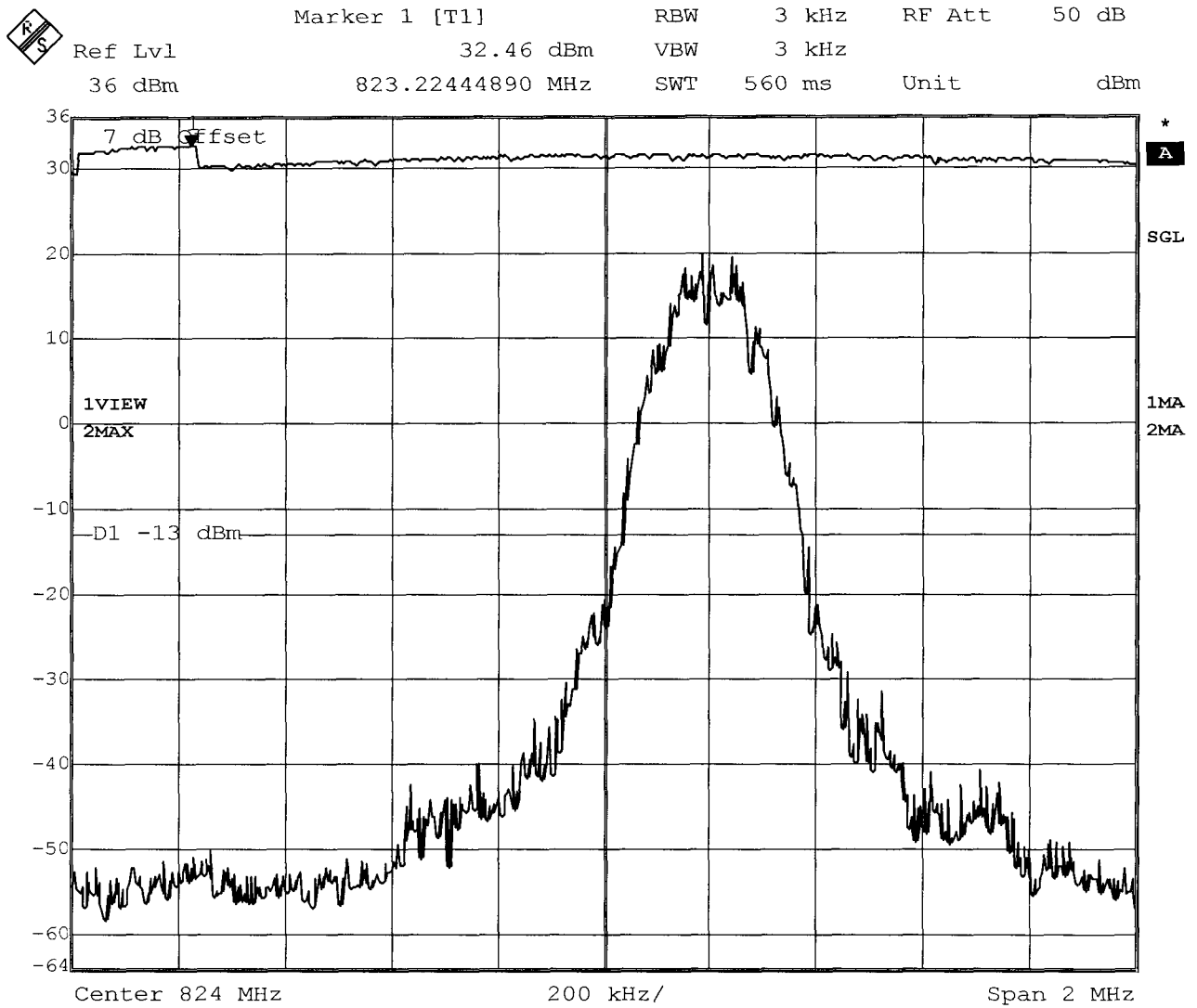


Date: 14.FEB.2007 19:31:29

Measurement diagram

**FCC Part 22 H  
Lower band edge**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & EGPRS)
Model	C150 Mode: EGPRS
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 3.70 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H
Comment 1	Channel: 128



Date: 14.FEB.2007 19:16:45

Measurement diagram



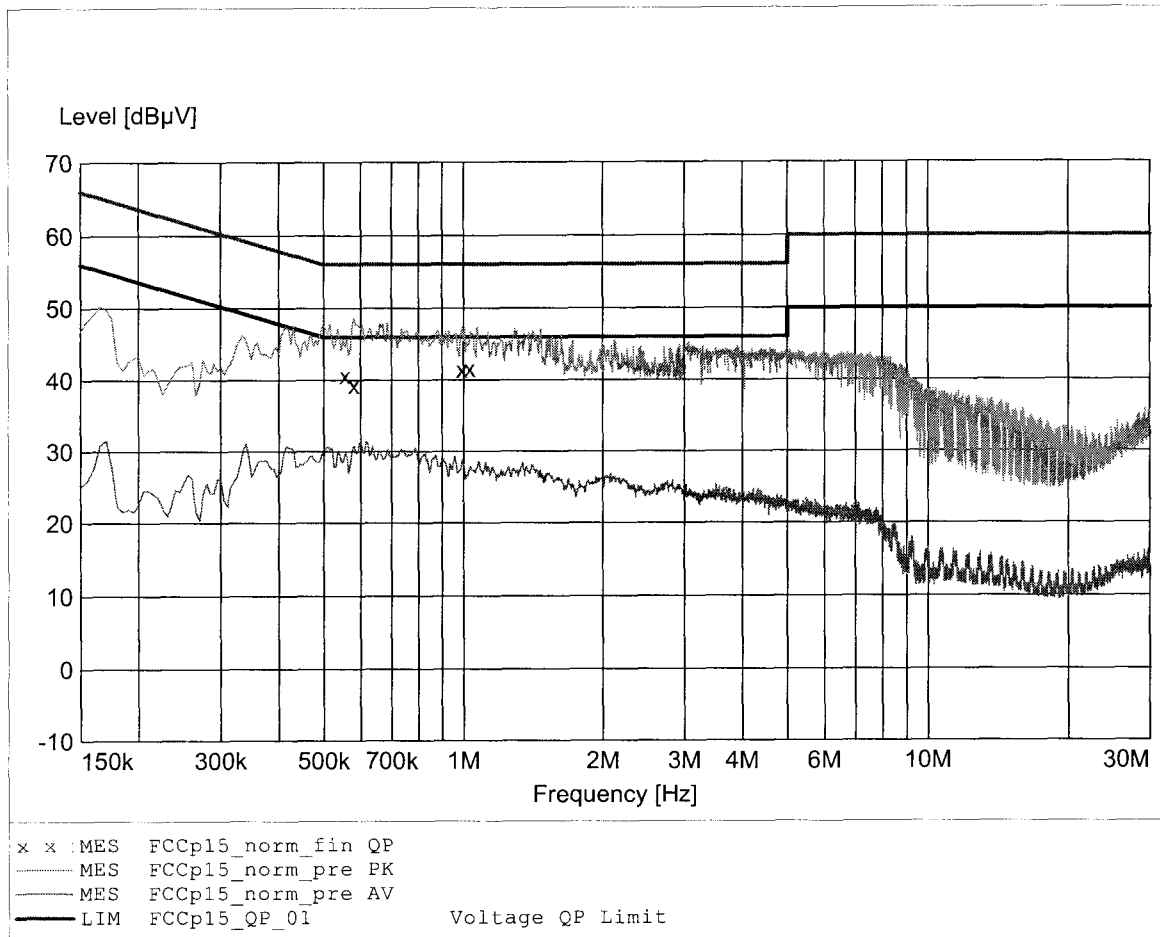


# Appendix I

AC power line conducted emissions

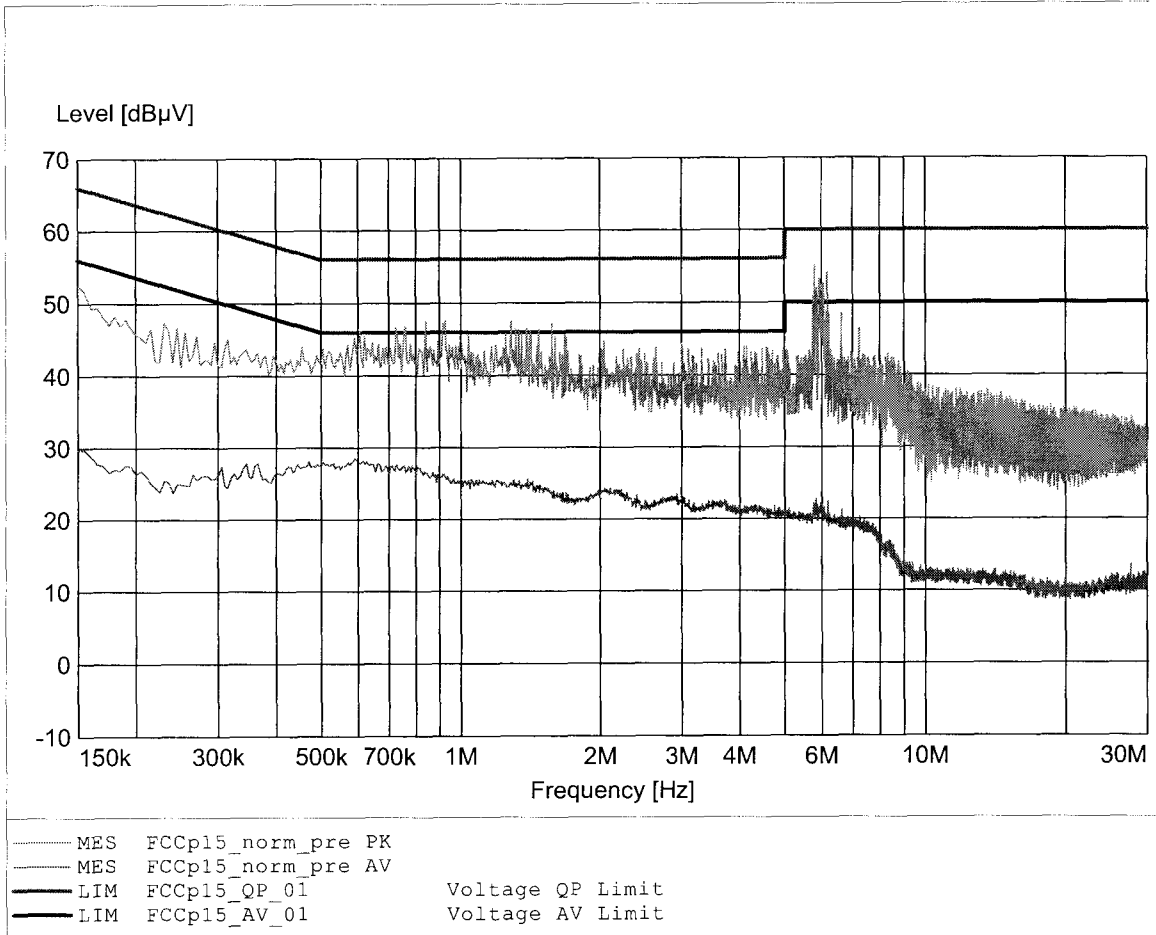
# EMI voltage test in the ac-mains according to FCC part 15

EUT: Triple Band GSM 850/DCS 1800/PCS 1900  
 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120 VA (AC/DC-adaptor), Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: C150 mode: charging only  
 adaptor: PTA-5070C9EU



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

EUT: Triple Band GSM 850/DCS 1800/PCS 1900  
 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120 VA (AC/DC-adaptor), Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (N)  
 Comment: model: C150 mode: charging only  
 adaptor: PTA-5070C9EU



## Appendix J

Receiver radiated emission