



Appendix B

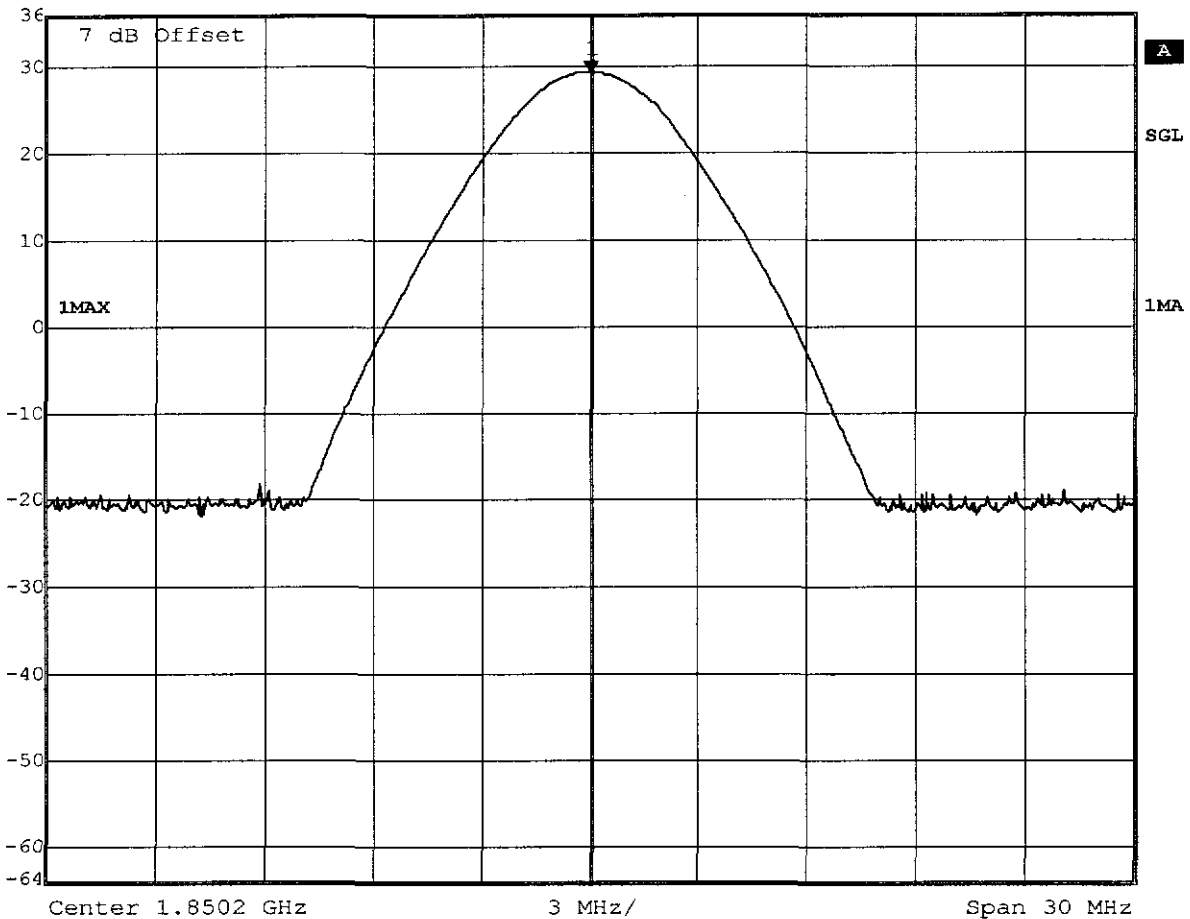
RF Power Output



FCC Part 24 E
Output power conducted

EUT	TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model	PG - 3310
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS / Mr. Handrik
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 512
Comment 1	
Comment 2	

	Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
	Ref Lvl	29.19 dBm	VBW	3 MHz	
	36 dBm	1.85023006 GHz	SWT	5 ms	Unit dBm



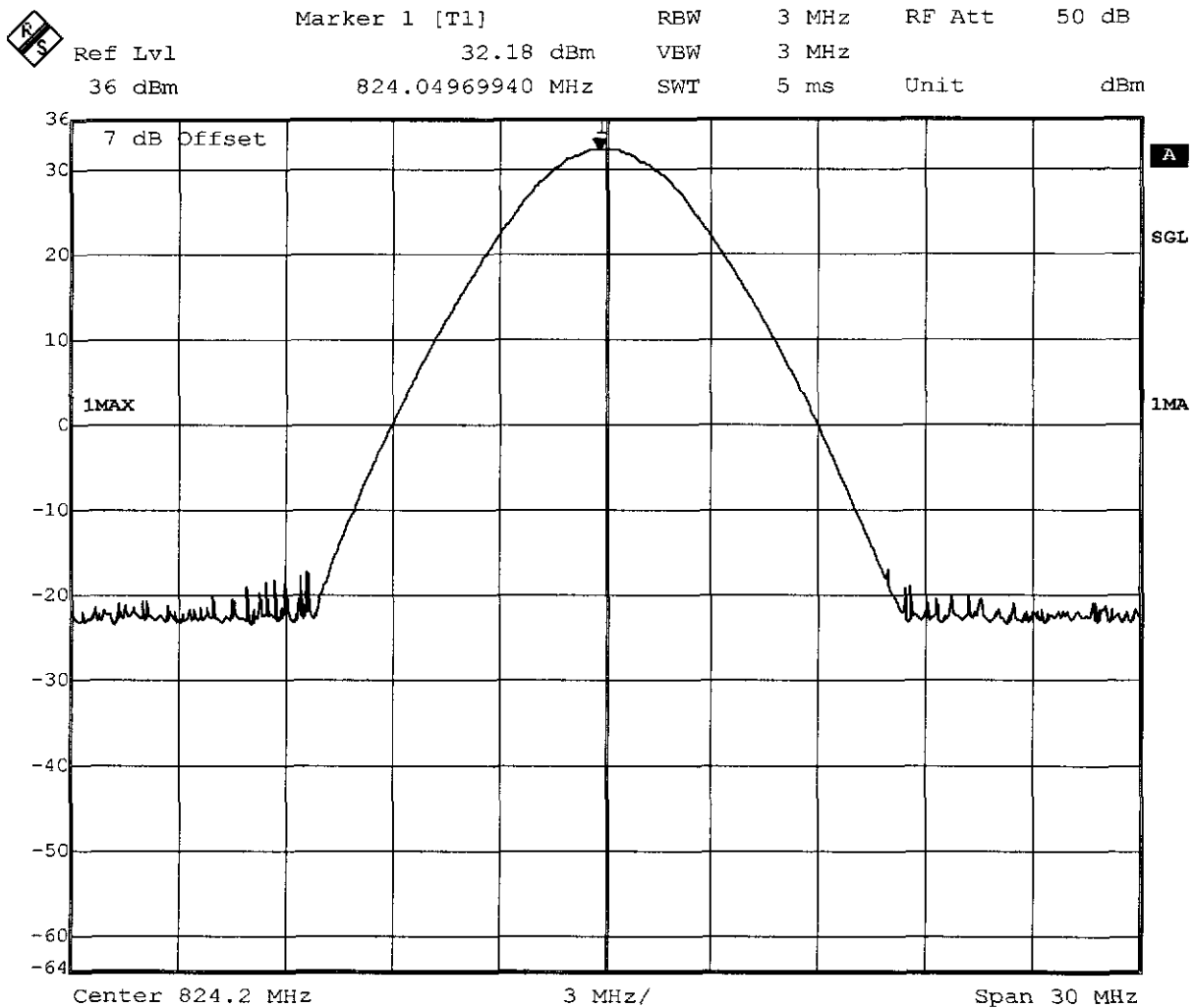
Date: 10.MAR.2006 13:55:39

Measurement diagram



FCC Part 22 H
Output power conducted

EUT	TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model	PG - 3310
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS / Mr. Handrik
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 128
Comment 1	
Comment 2	



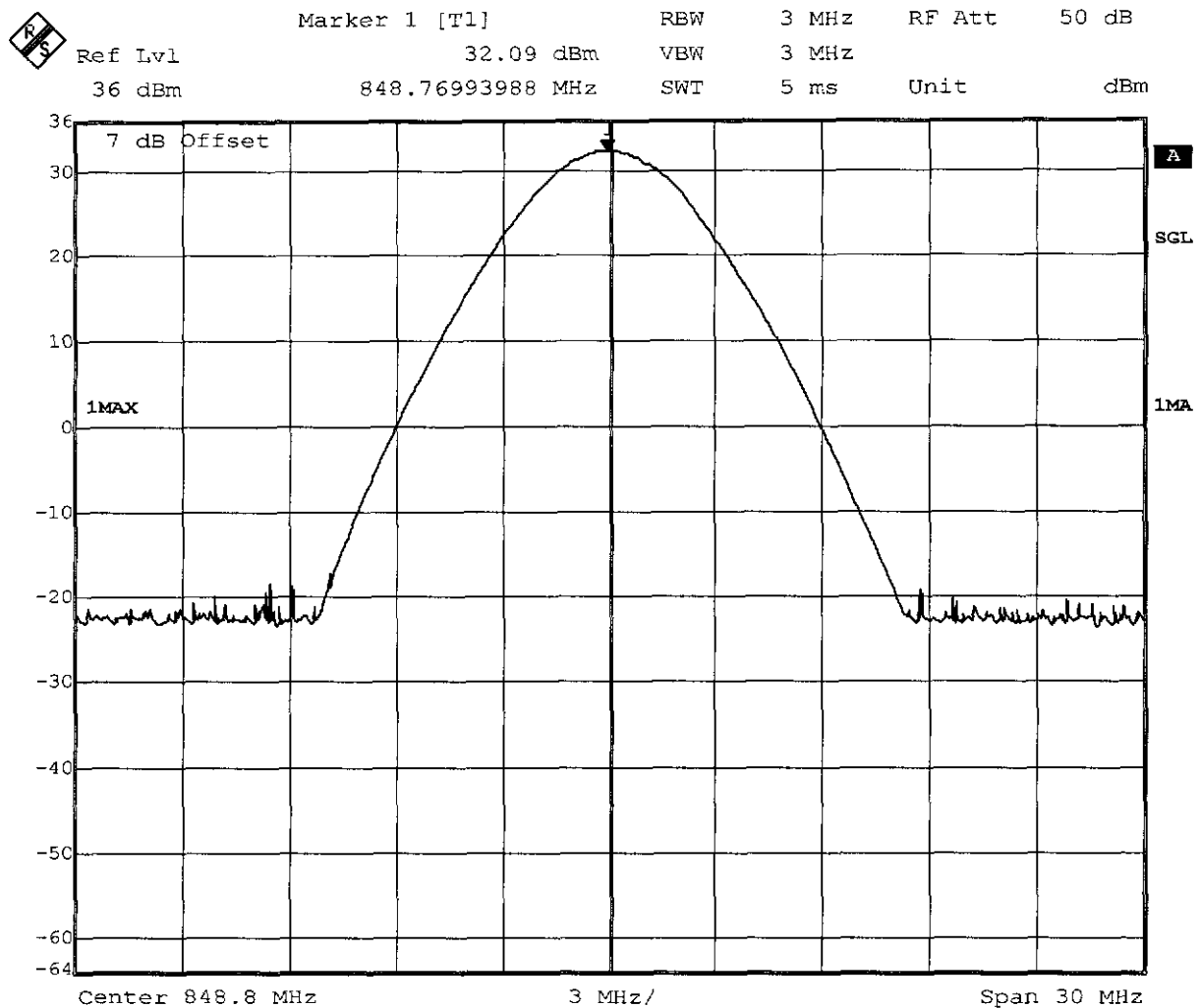
Date: 10.MAR.2006 14:32:19

Measurement diagram



FCC Part 22 H
Output power conducted

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model PG - 3310
Approval Holder Pantech Co., Ltd.
Temperature / Voltage 24°C / Unom: 4.2 V DC
Test Site / Operator ETS / Mr. Handrik
Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case Channel: 251
Comment 1
Comment 2



Date: 10.MAR.2006 14:40:54

Measurement diagram

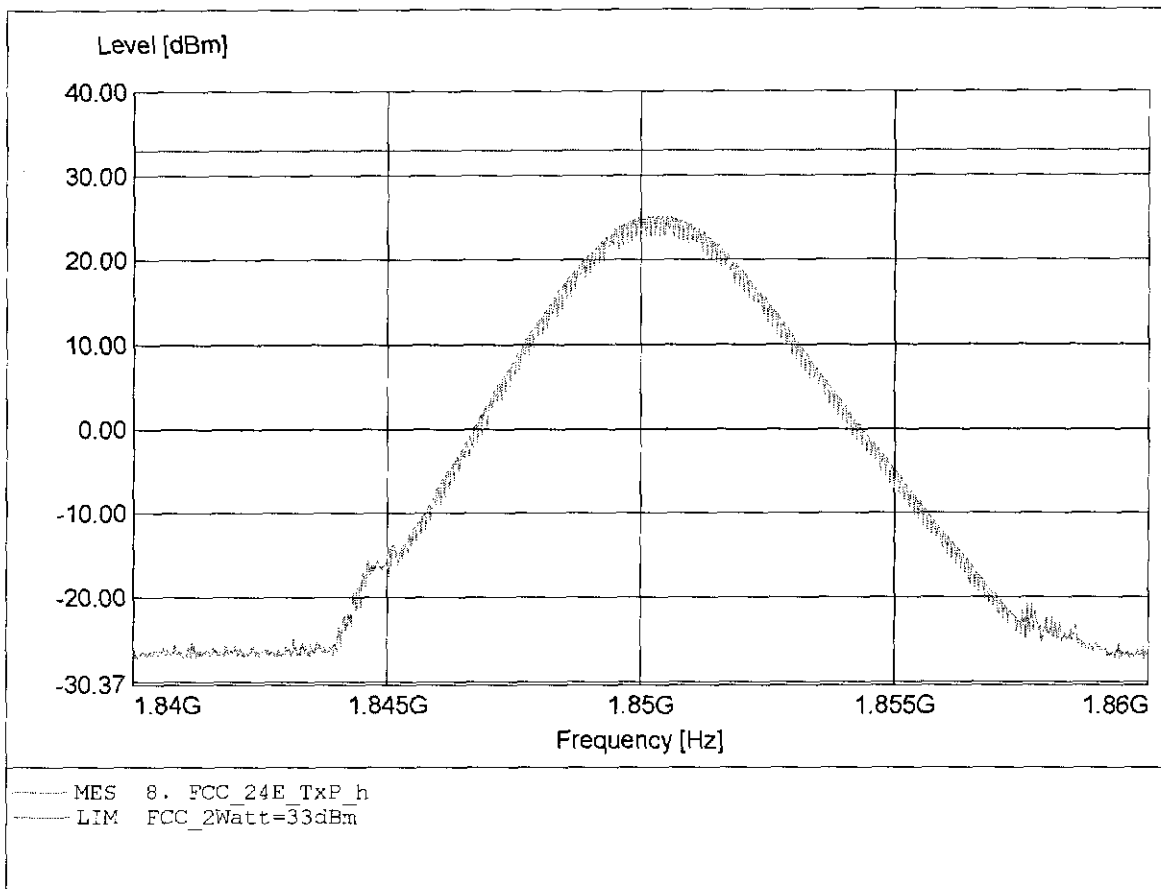


Appendix C

ERP, EIRP

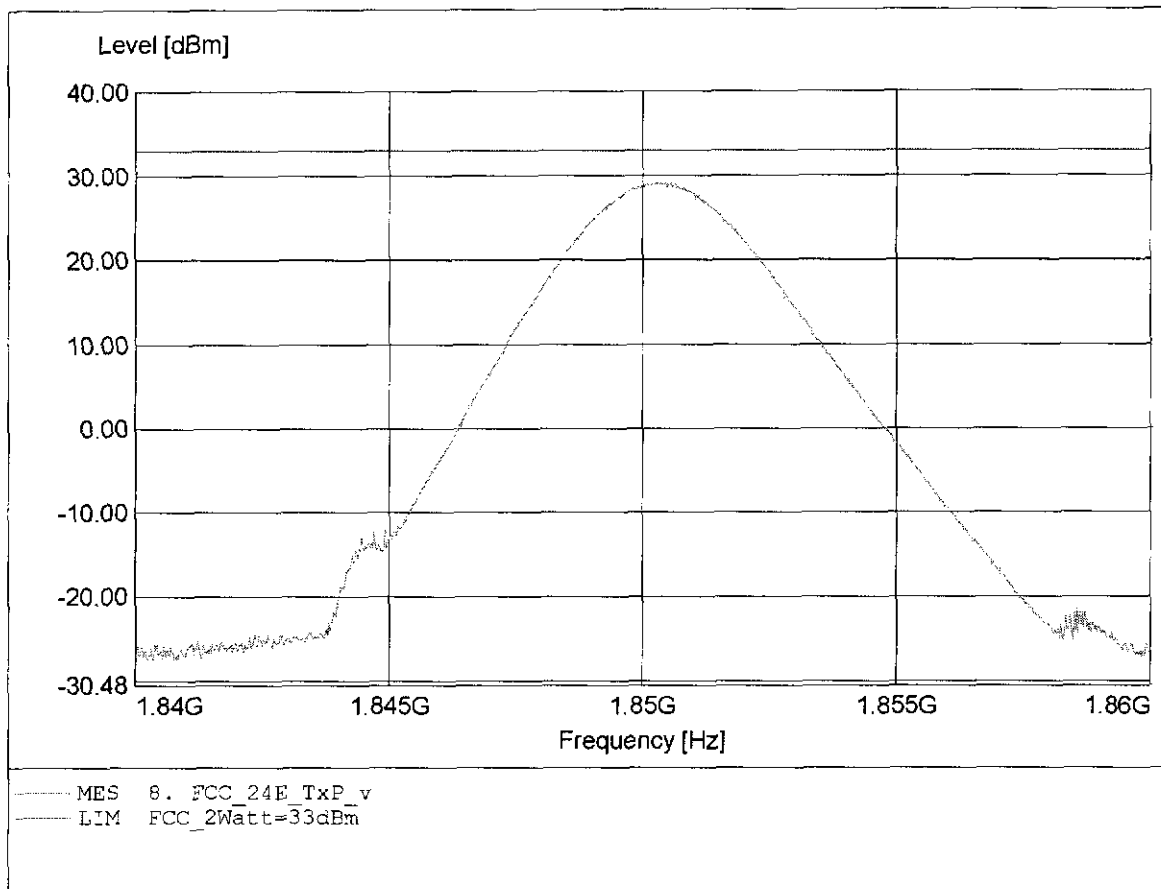
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 25.14dBm, RBW: 3MHz



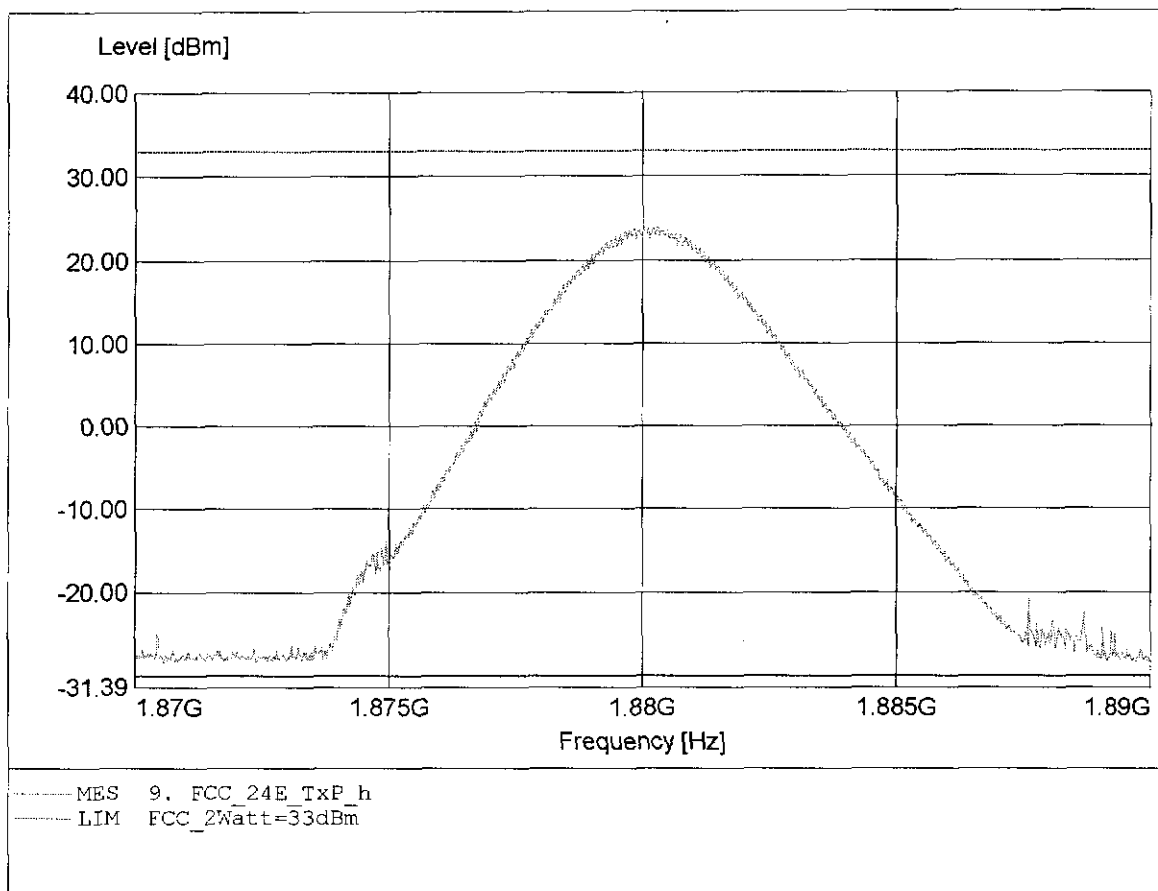
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 29.14dBm, RBW: 3MHz



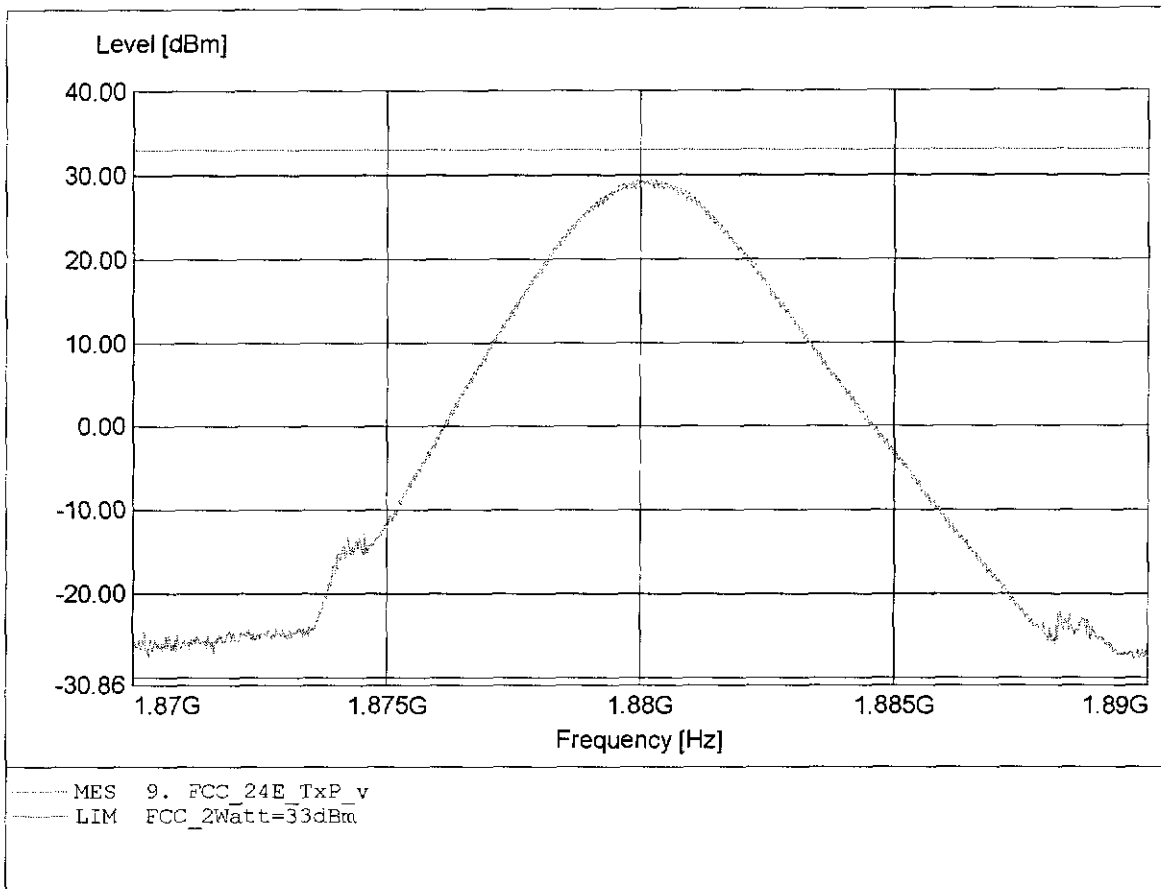
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 23.90dBm, RBW: 3MHz



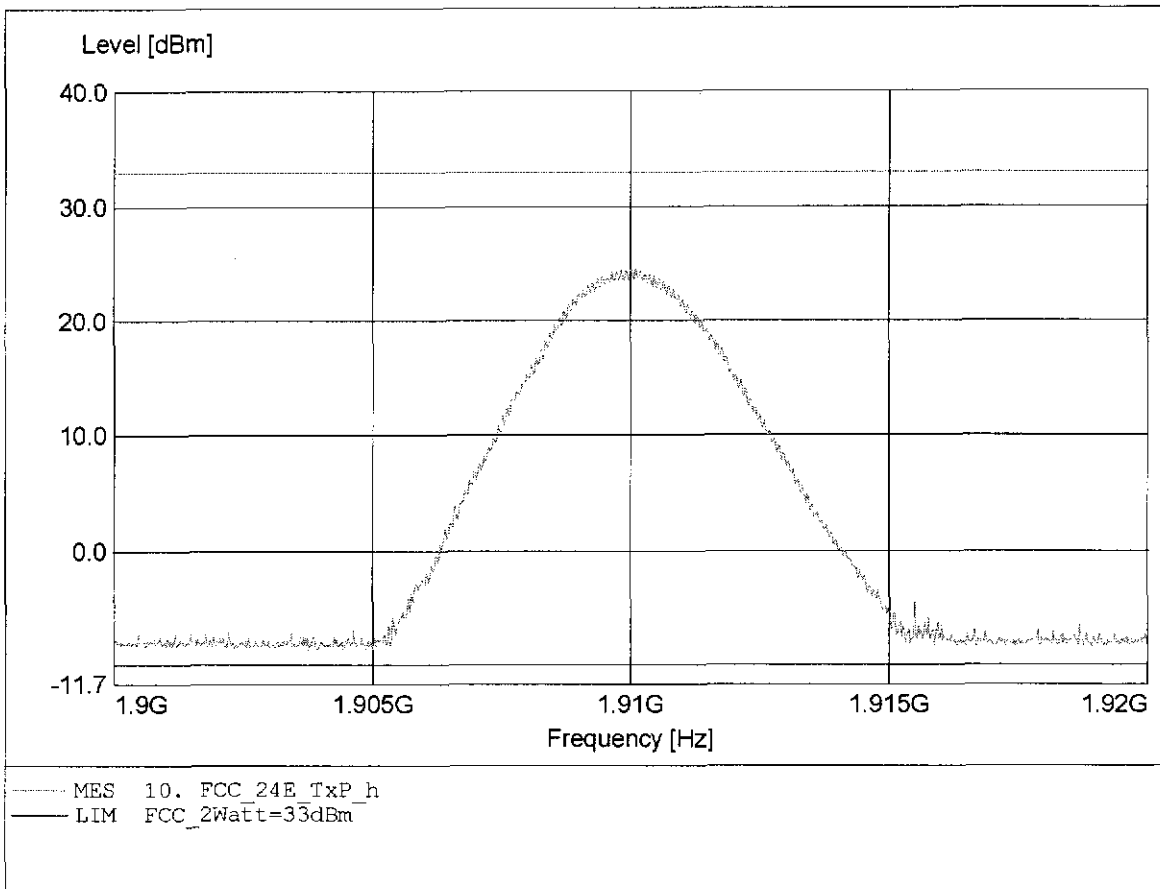
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 29.44dBm, RBW: 3MHz



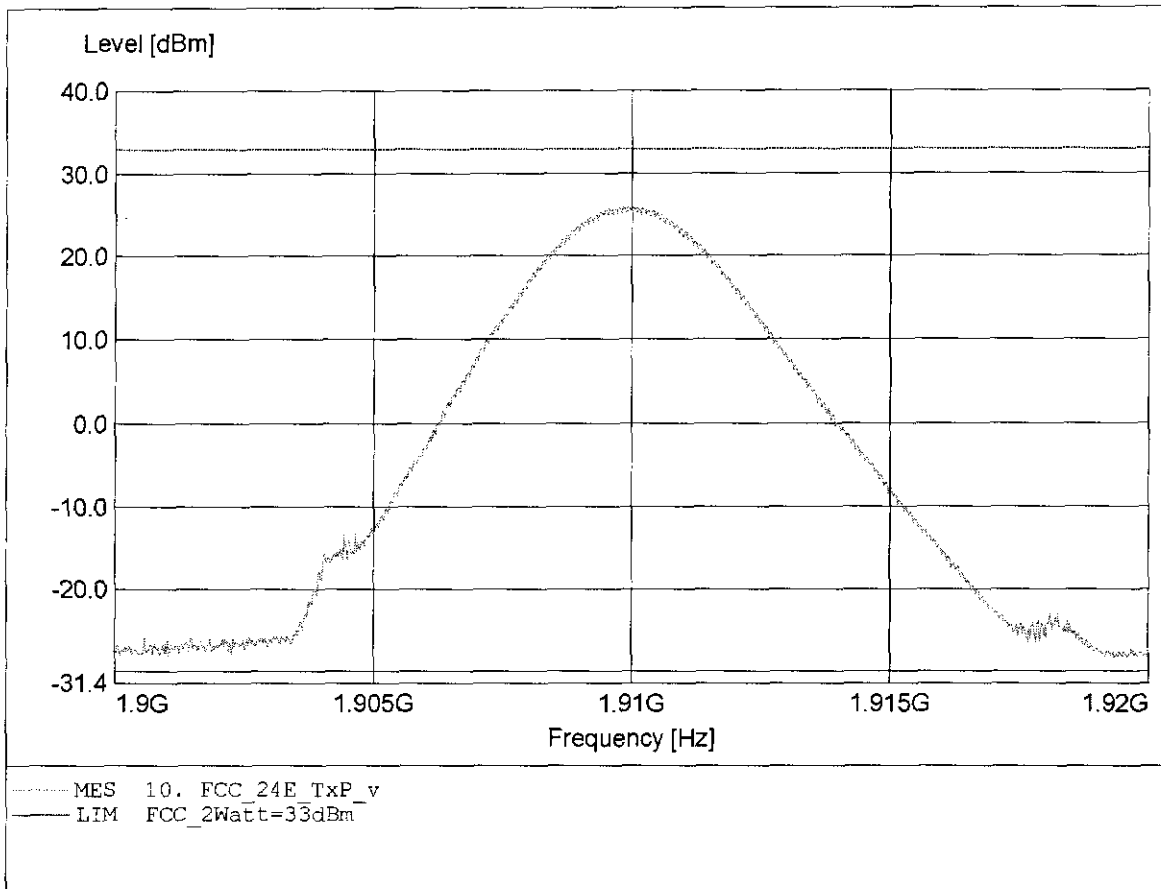
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 24.59dBm, RBW: 3MHz



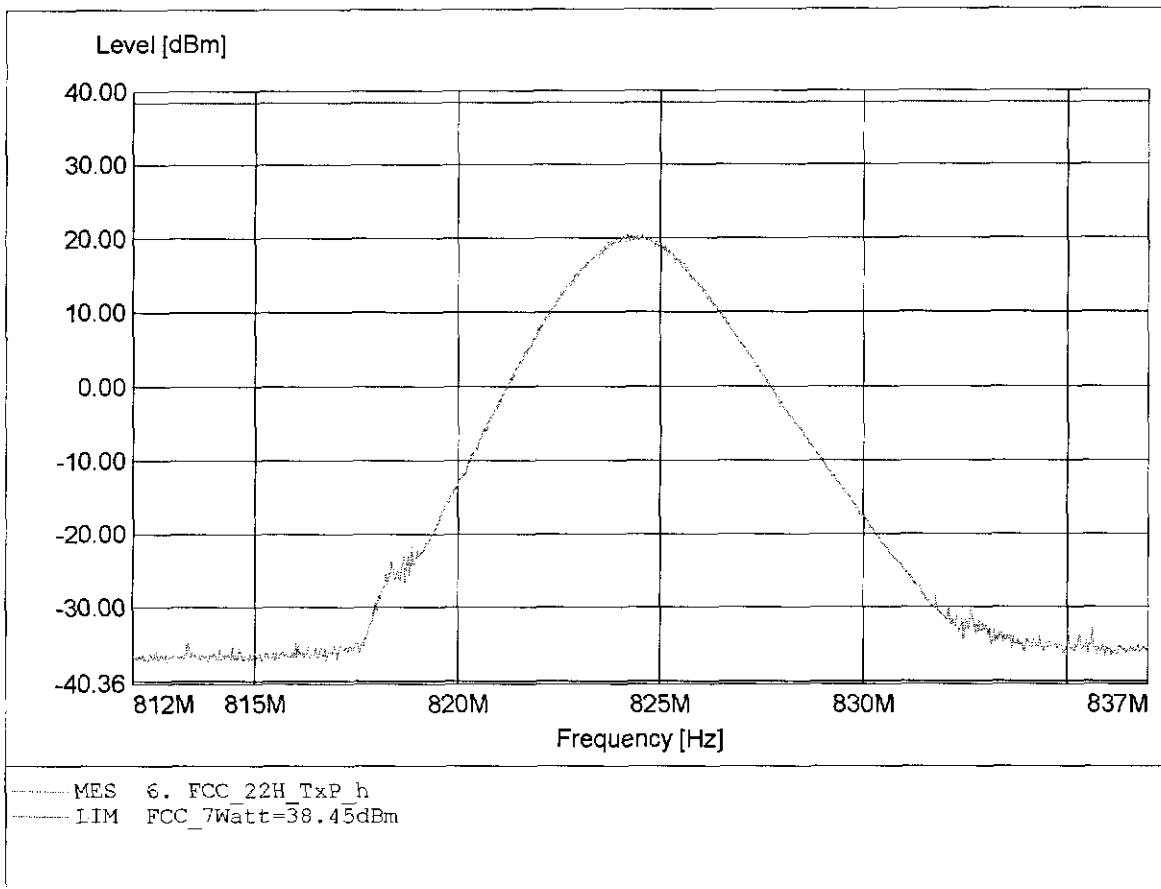
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 26.02dBm, RBW: 3MHz



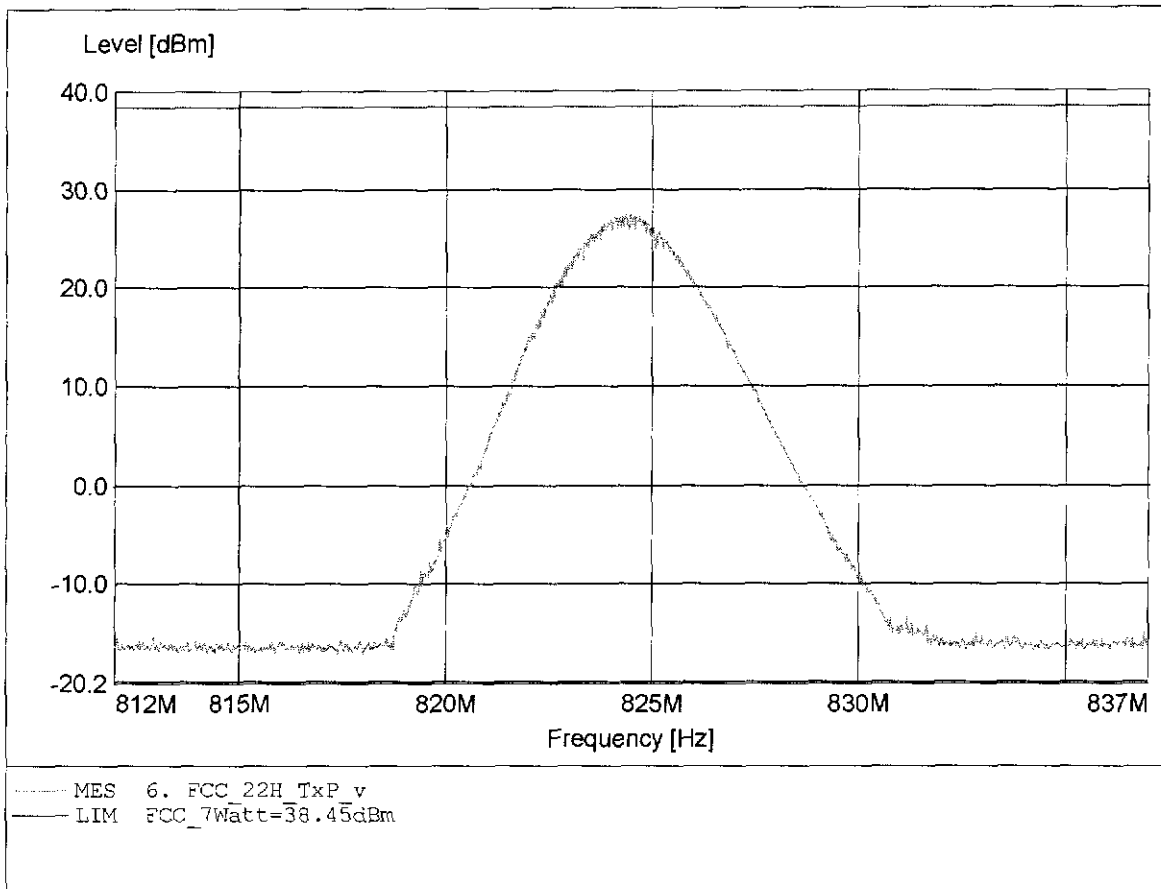
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.278MHz, Pmax: 20.37dBm, RBW: 3MHz



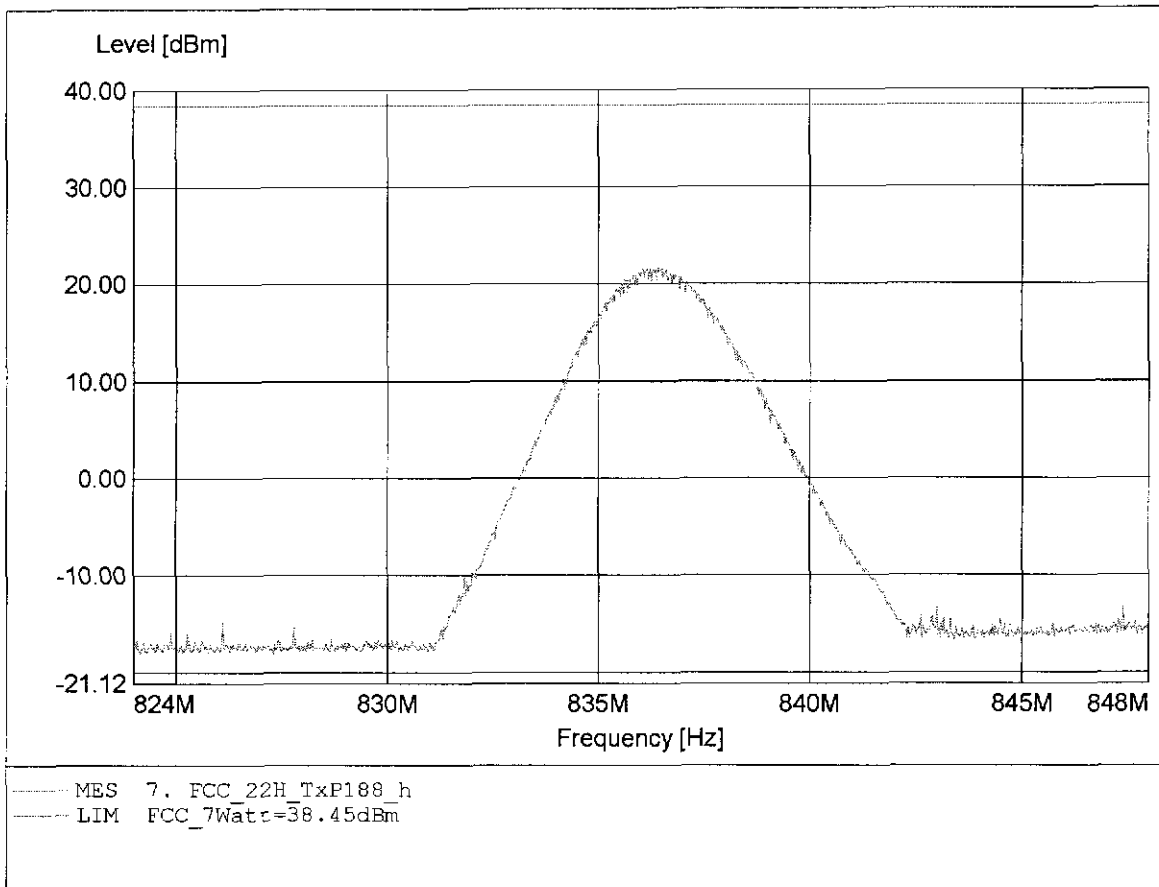
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.361MHz, Pmax: 27.44dBm, RBW: 3MHz



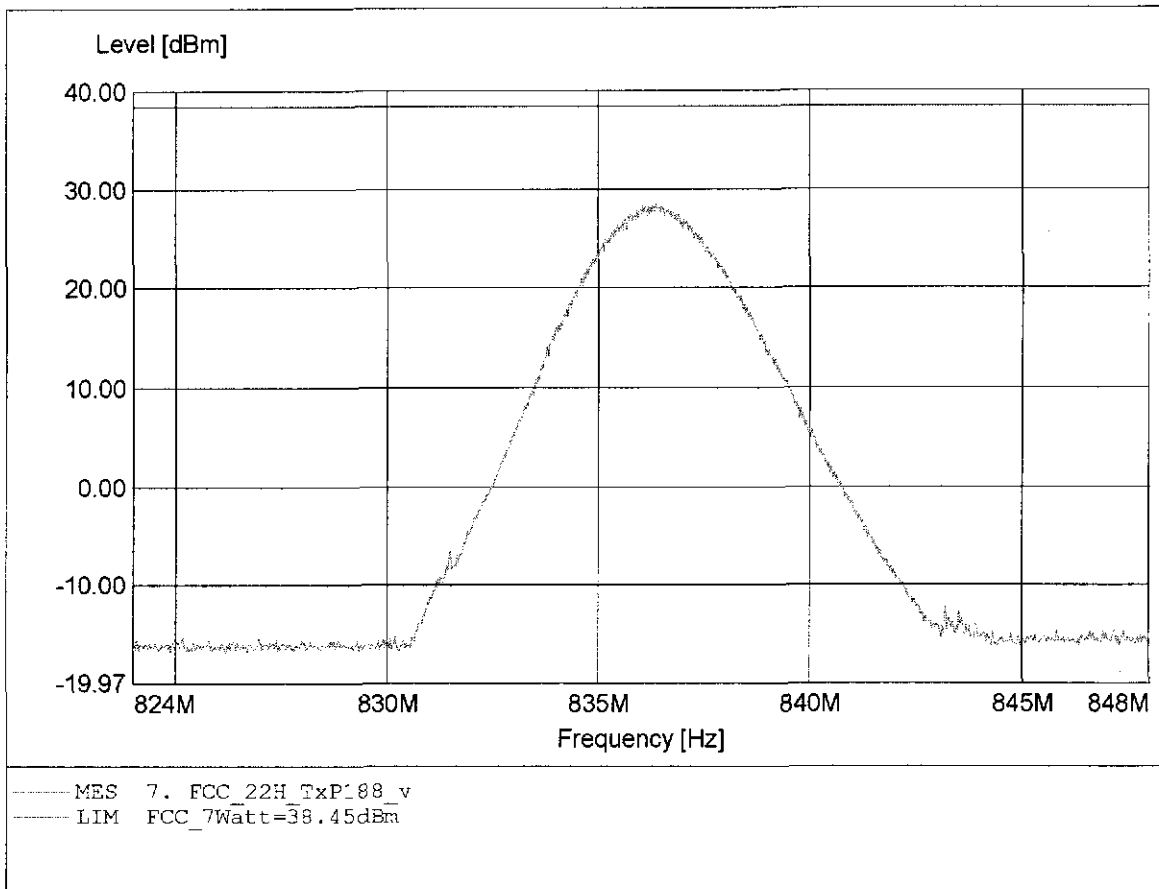
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.427MHz, Pmax: 21.59dBm, RBW: 3MHz



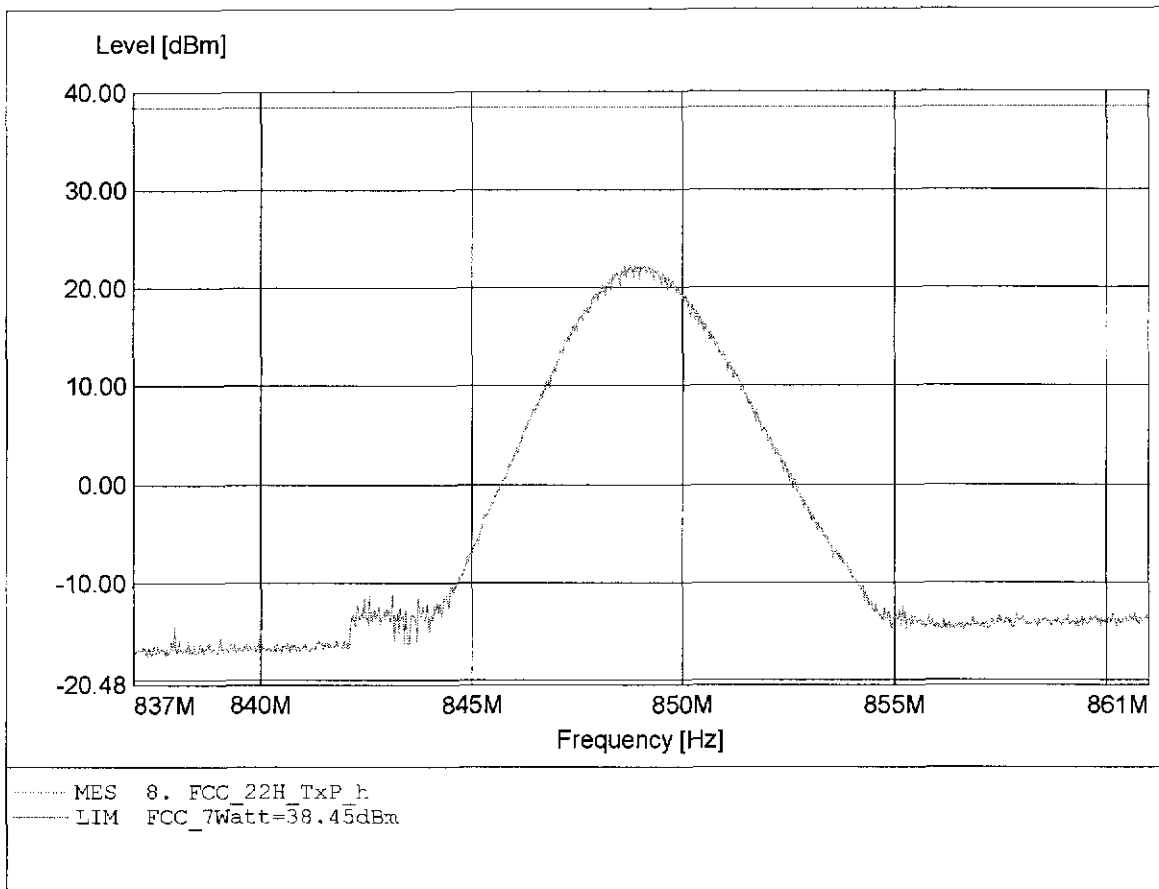
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.373MHz, Pmax: 28.42dBm, RBW: 3MHz



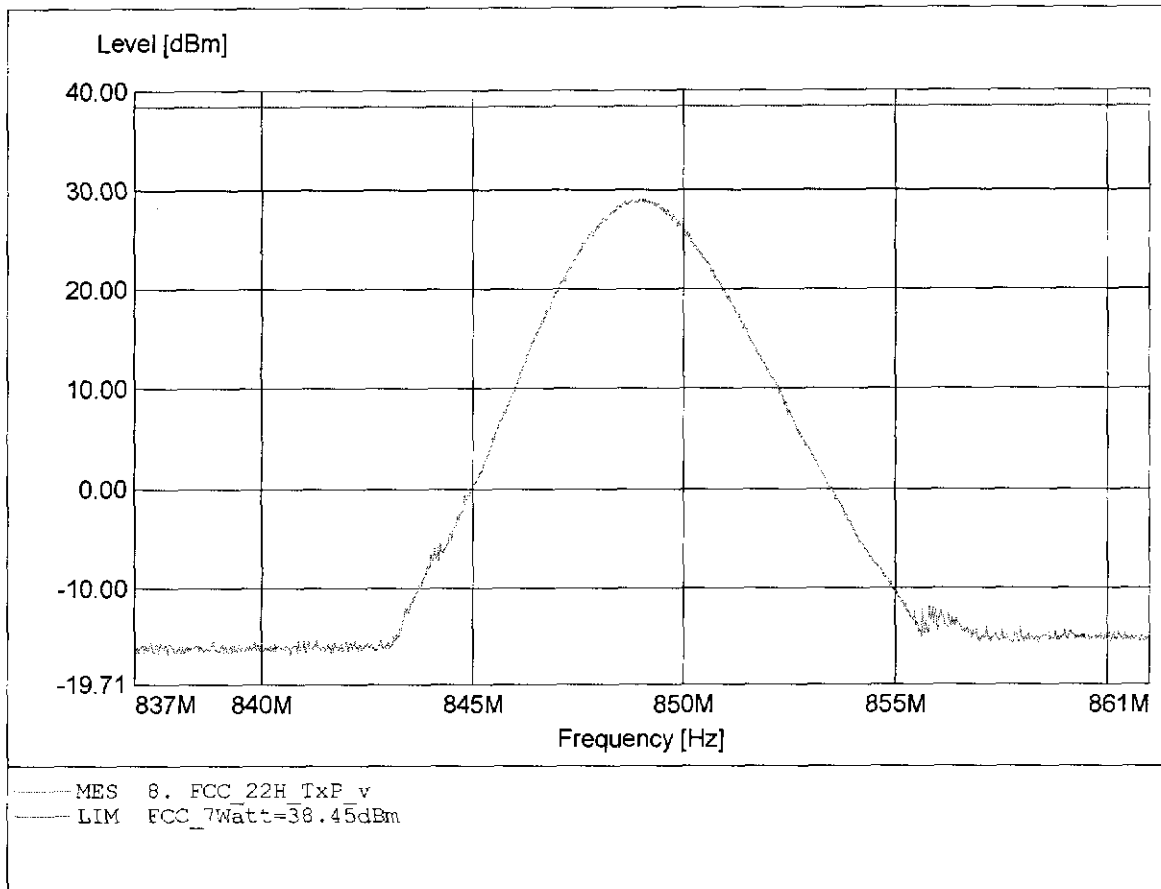
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.760MHz, Pmax: 22.26dBm, RBW: 3MHz



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

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 849.080MHz, Pmax: 29.17dBm, RBW: 3MHz





Appendix D

Modulation Requirements



Appendix E

Audio Filter Characteristics



Appendix F

Emission Limitation



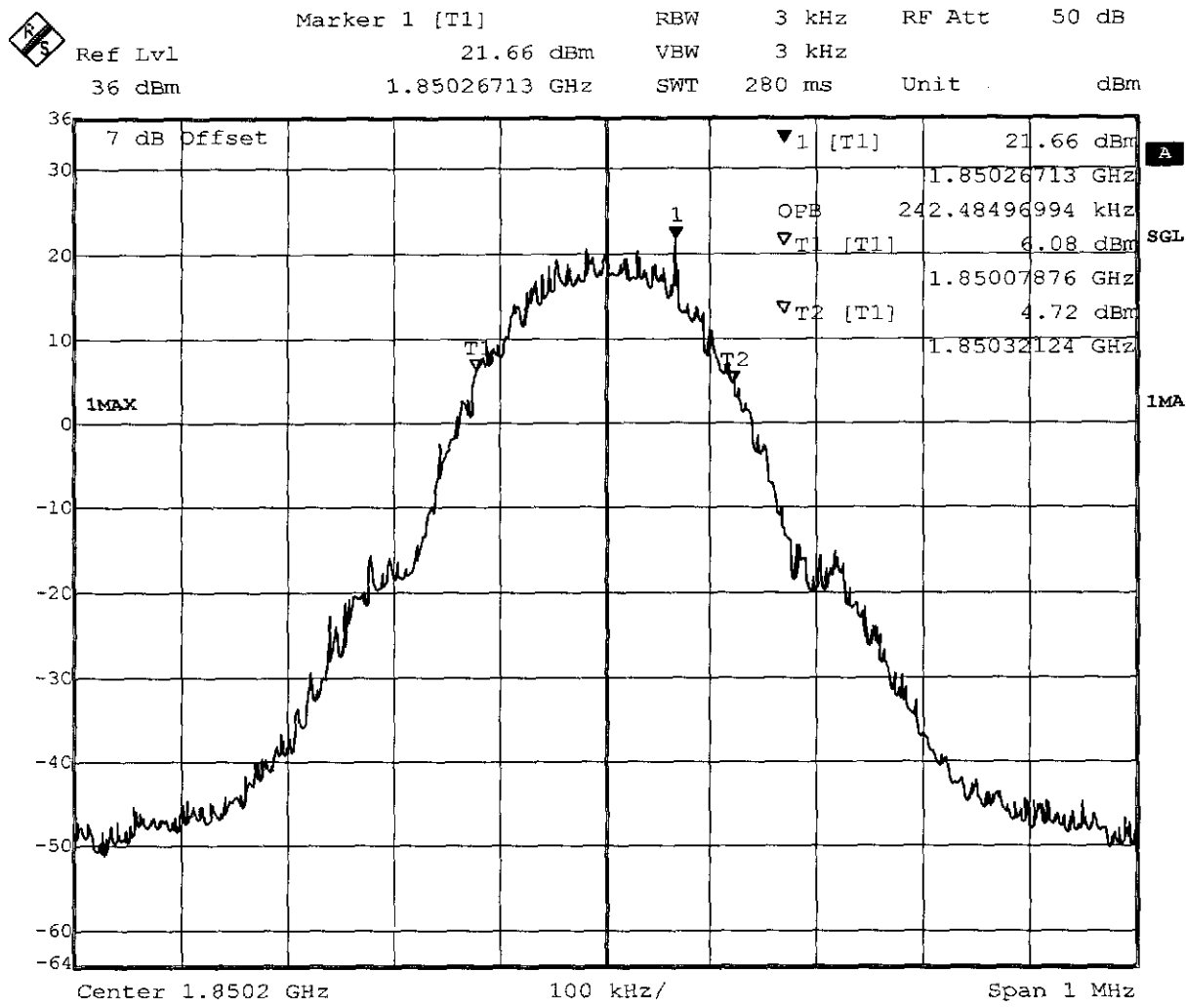
Appendix G

Occupied Bandwidth



FCC Part 24 E
Occupied Bandwidth

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 512
 Comment 1
 Comment 2



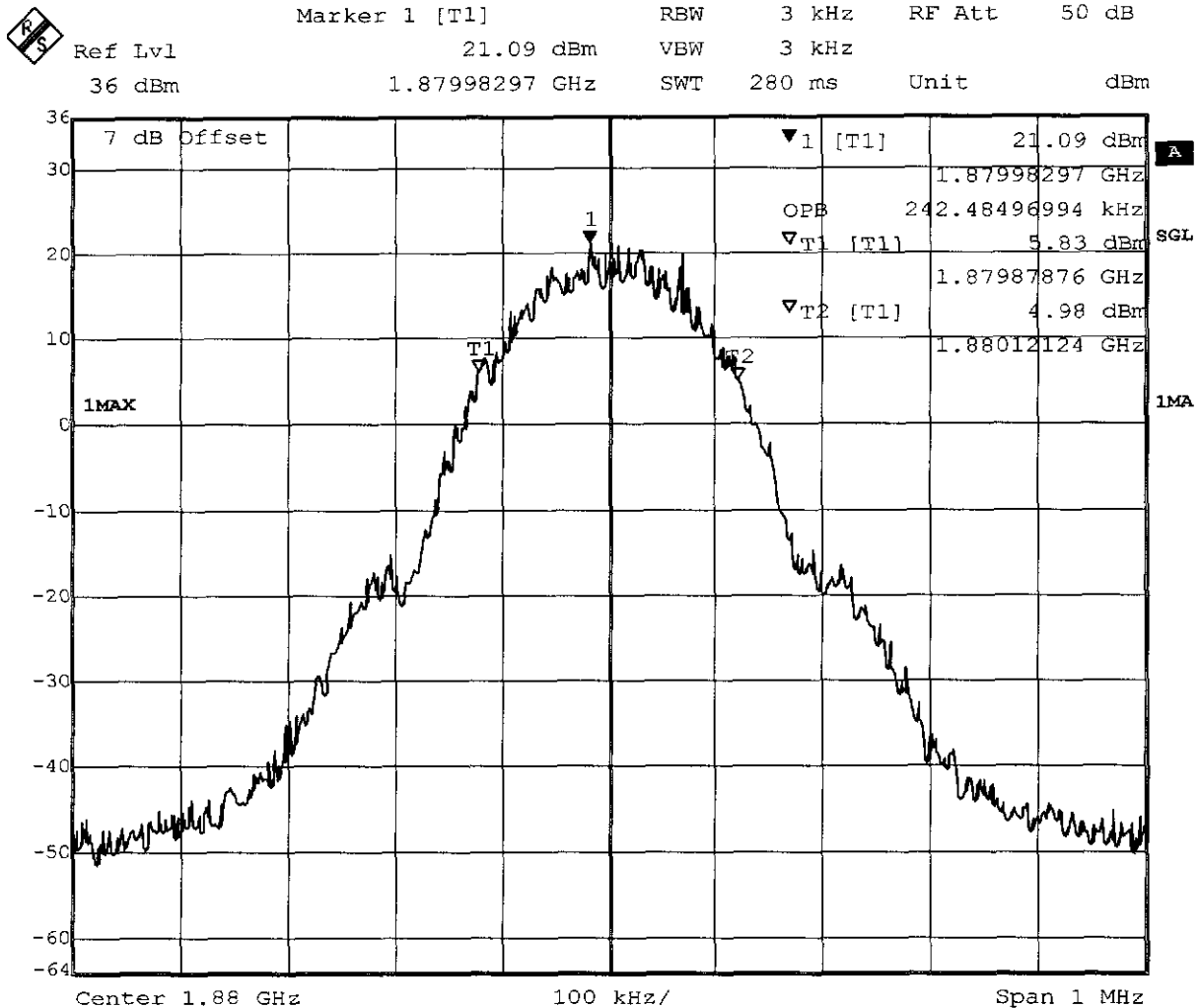
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Measurement diagram



FCC Part 24 E
Occupied Bandwidth

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 661
 Comment 1
 Comment 2



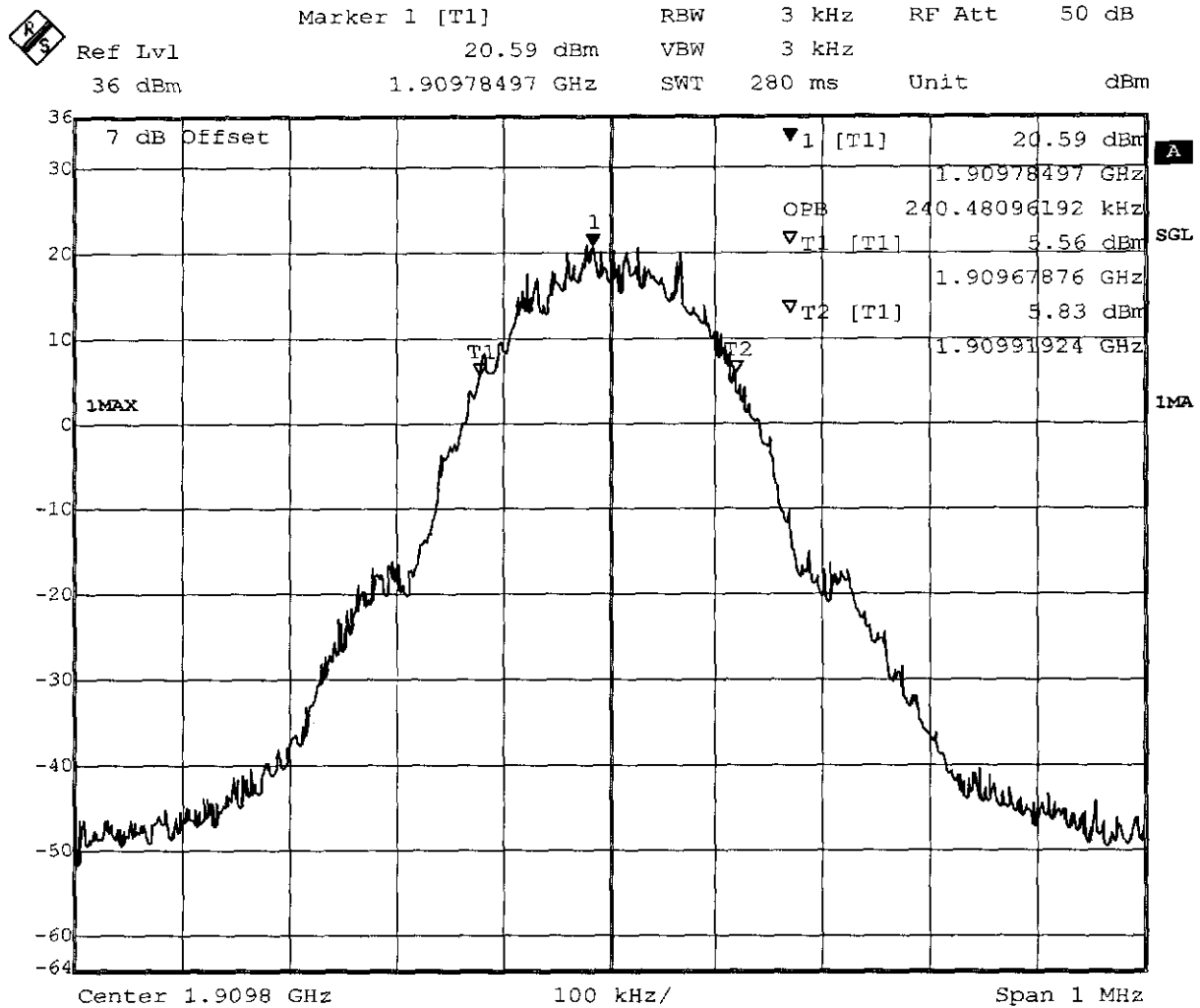
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Measurement diagram



FCC Part 24 E
Occupied Bandwidth

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 810
 Comment 1
 Comment 2



Date: 10.MAR.2006 14:09:55

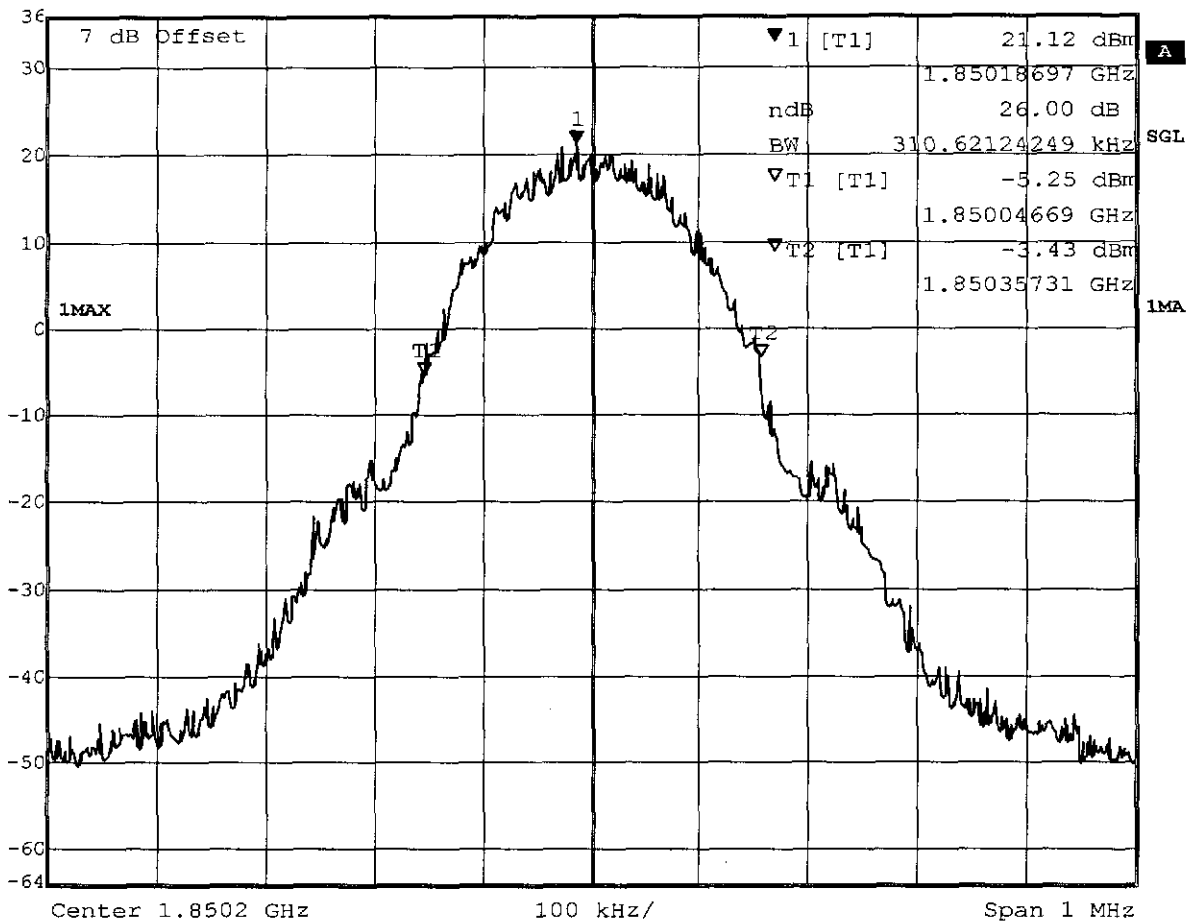
Measurement diagram



FCC Part 24 E
Emission Bandwidth

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 512
 Comment 1 -26 dB Emission Bandwidth
 Comment 2

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



Date: 10.MAR.2006 14:13:32

Measurement diagram

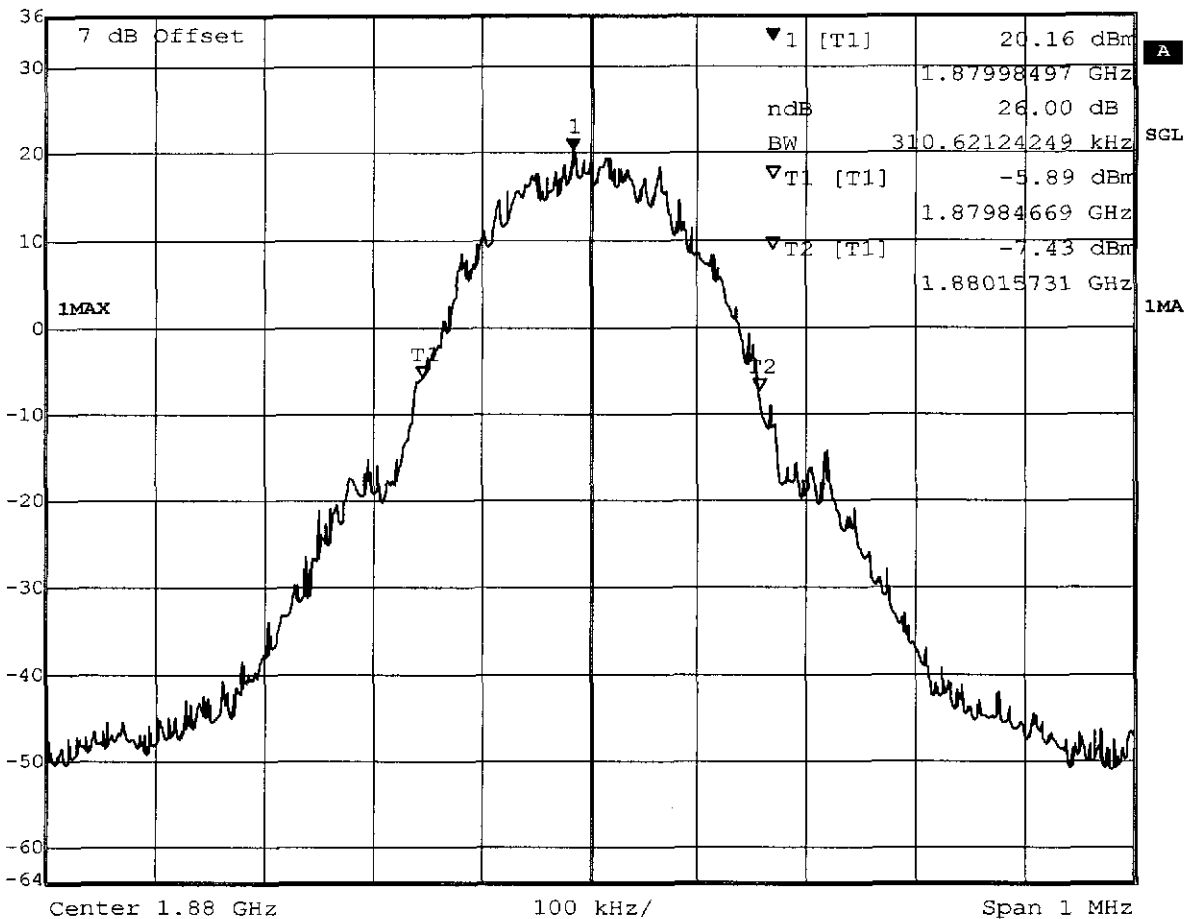


FCC Part 24 E
Emission Bandwidth

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 661
 Comment 1 -26 dB Emission Bandwidth
 Comment 2



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



Date: 10.MAR.2006 14:18:09

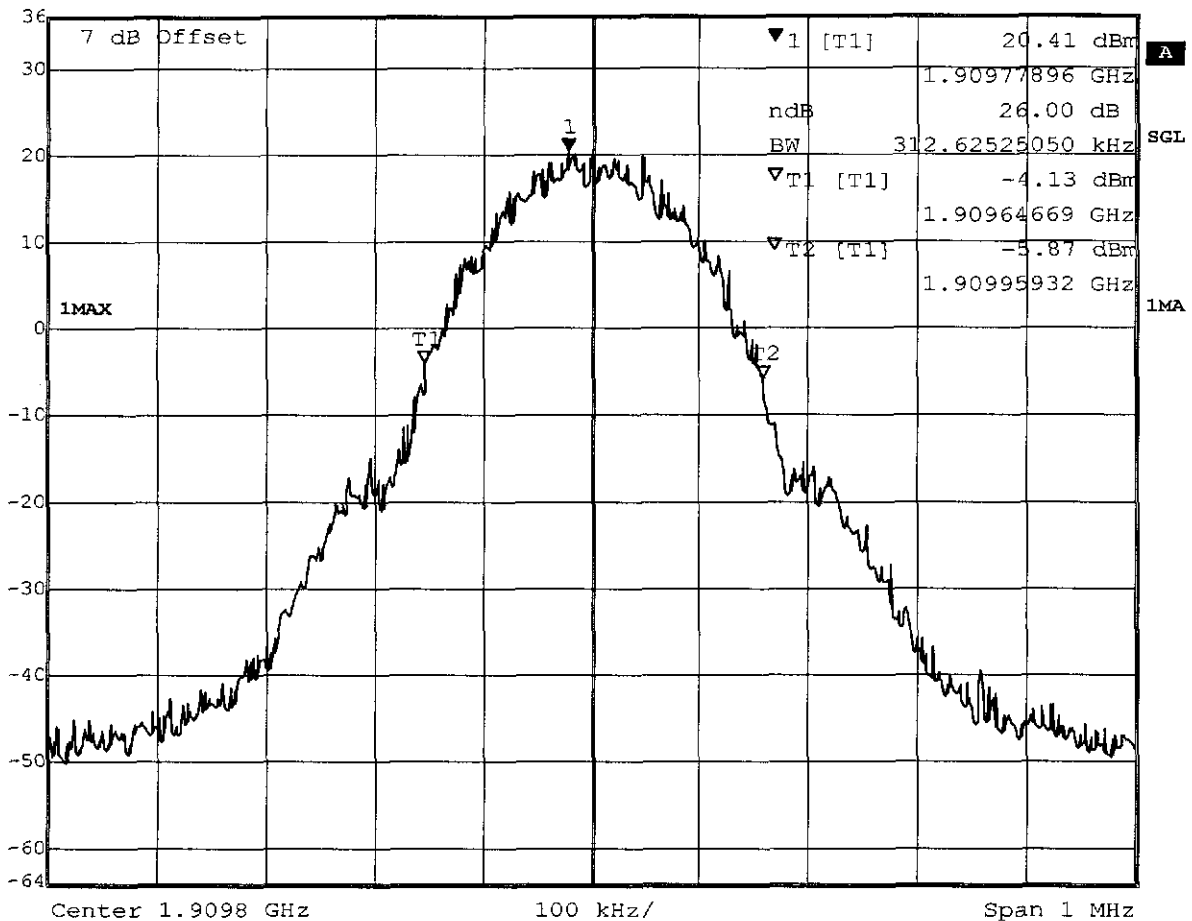
Measurement diagram



**FCC Part 24 E
Emission Bandwidth**

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 810
 Comment 1 -26 dB Emission Bandwidth
 Comment 2

	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	ndB	26.00 dB	VBW	3 kHz
	36 dBm	BW	312.62525050 kHz	SWT	280 ms



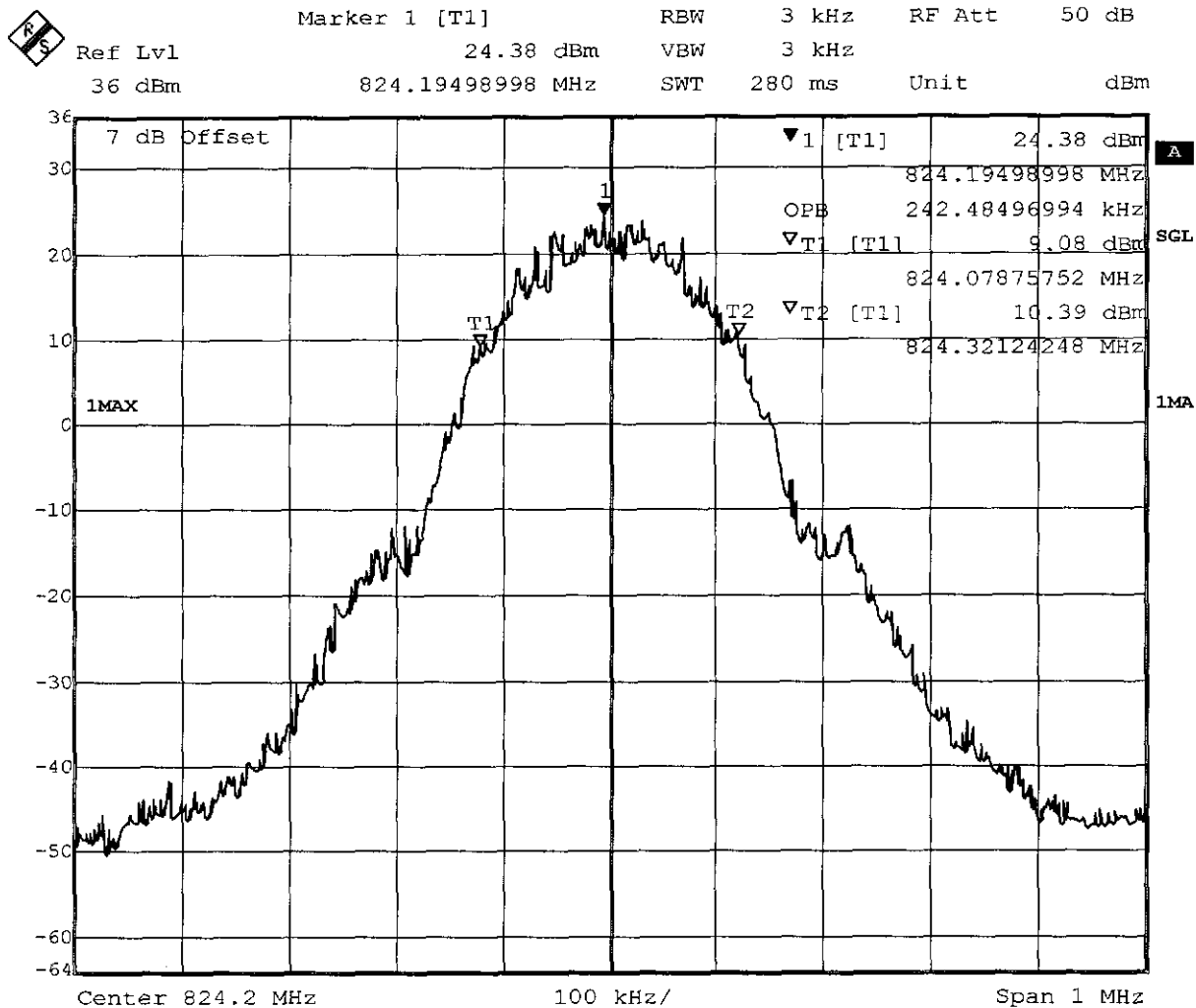
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Measurement diagram



**FCC Part 22 H
Occupied Bandwidth**

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 128
 Comment 1
 Comment 2



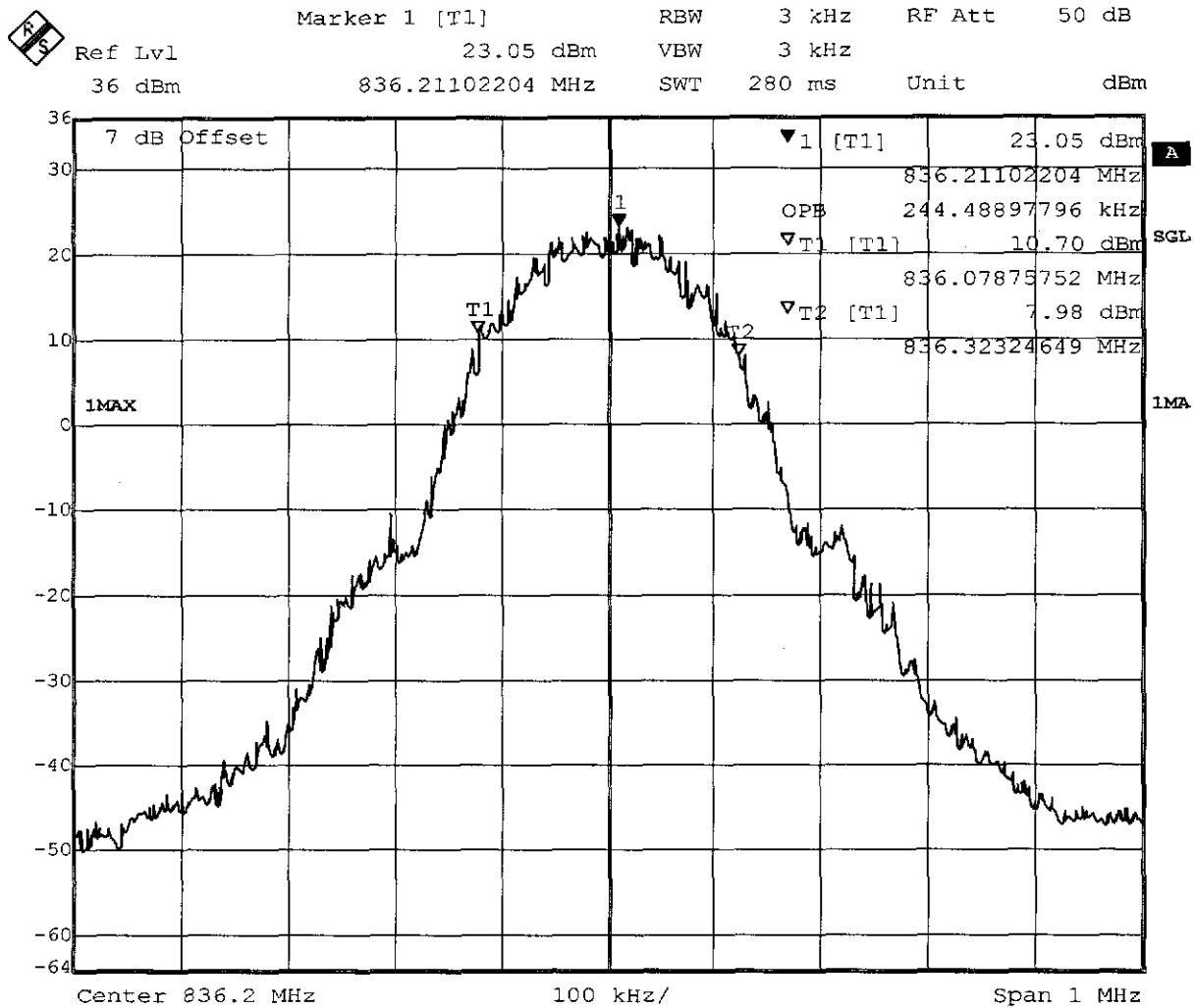
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Measurement diagram



FCC Part 22 H
Occupied Bandwidth

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 188
 Comment 1
 Comment 2



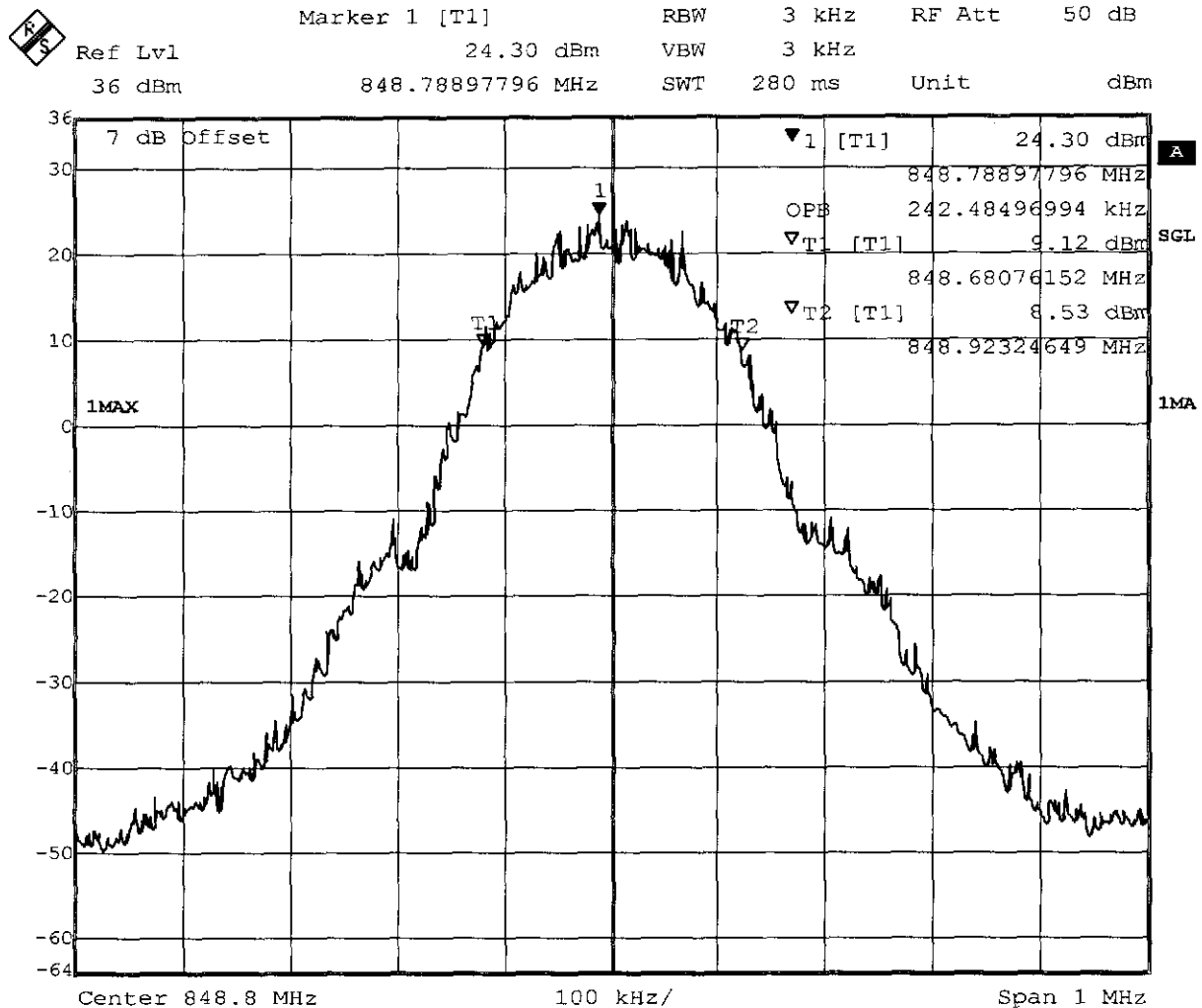
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Measurement diagram



FCC Part 22 H
Occupied Bandwidth

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 251
 Comment 1
 Comment 2



Date: 10.MAR.2006 14:46:41

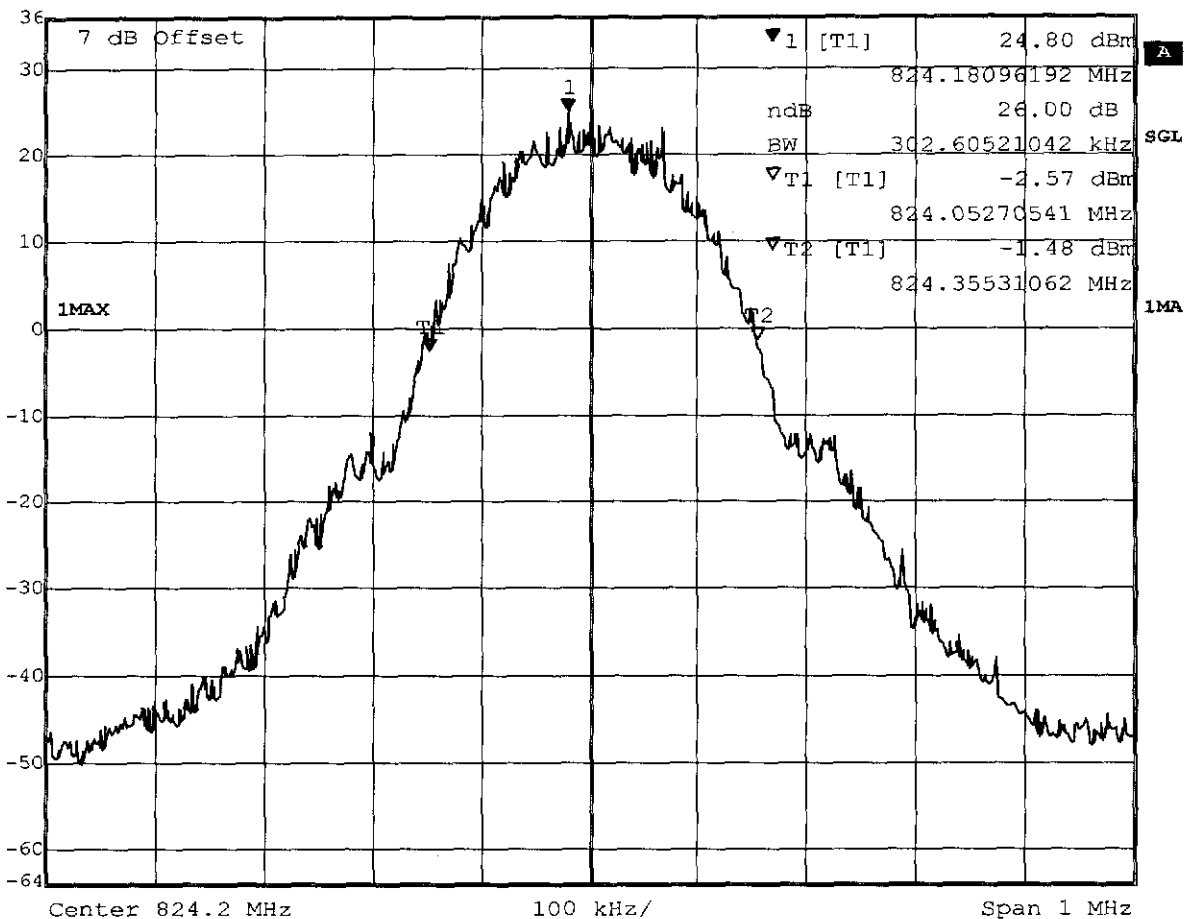
Measurement diagram



**FCC Part 22 H
Emission Bandwidth**

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 128
 Comment 1 -26 dB Emission Bandwidth
 Comment 2

	Marker 1 [T1 ndB]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	ndB	26.00 dB	VBW	3 kHz
	36 dBm	BW	302.60521042 kHz	SWT	280 ms
				Unit	dBm



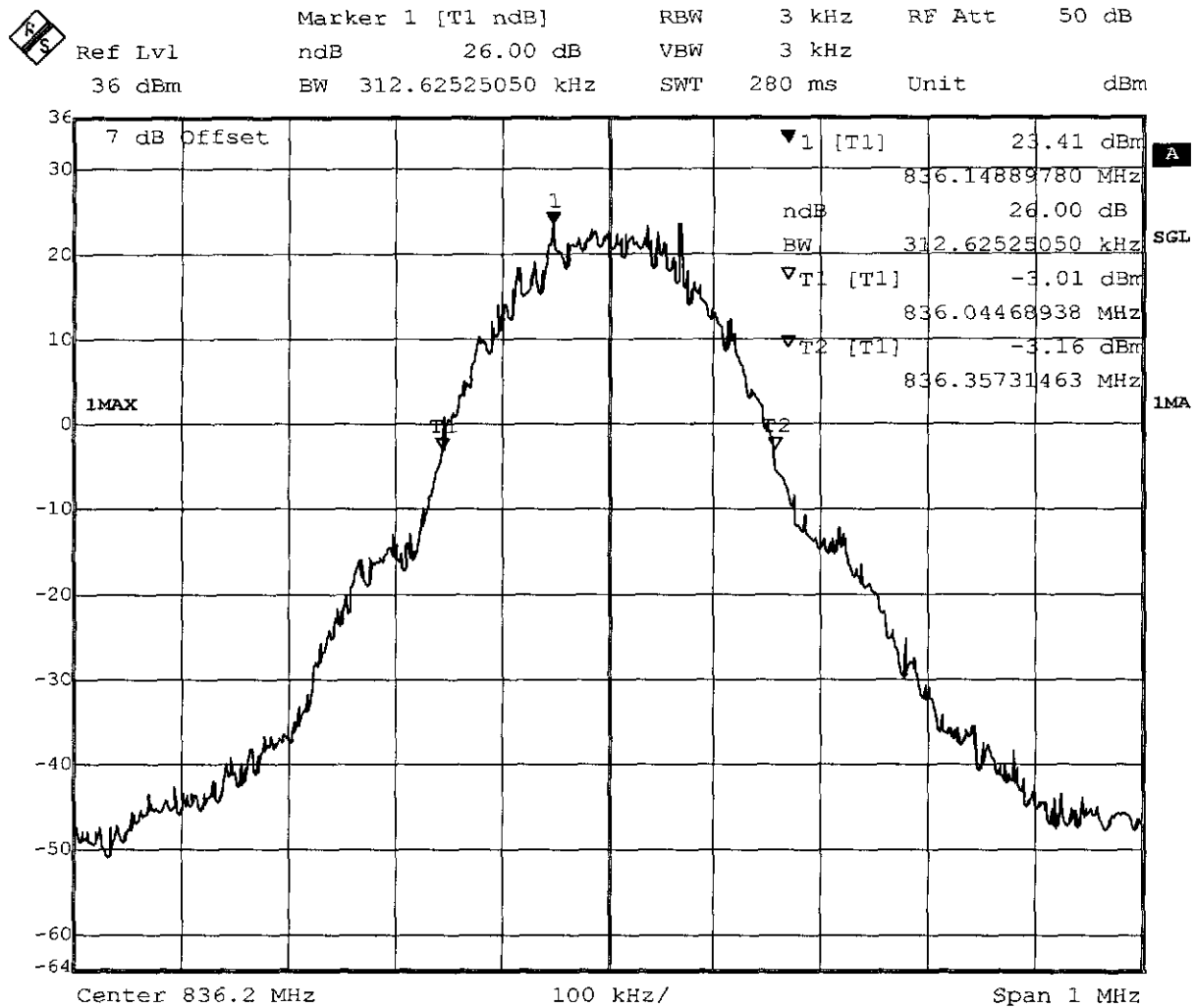
Date: 10.MAR.2006 14:48:14

Measurement diagram



**FCC Part 22 H
Emission Bandwidth**

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 188
 Comment 1 -26 dB Emission Bandwidth
 Comment 2



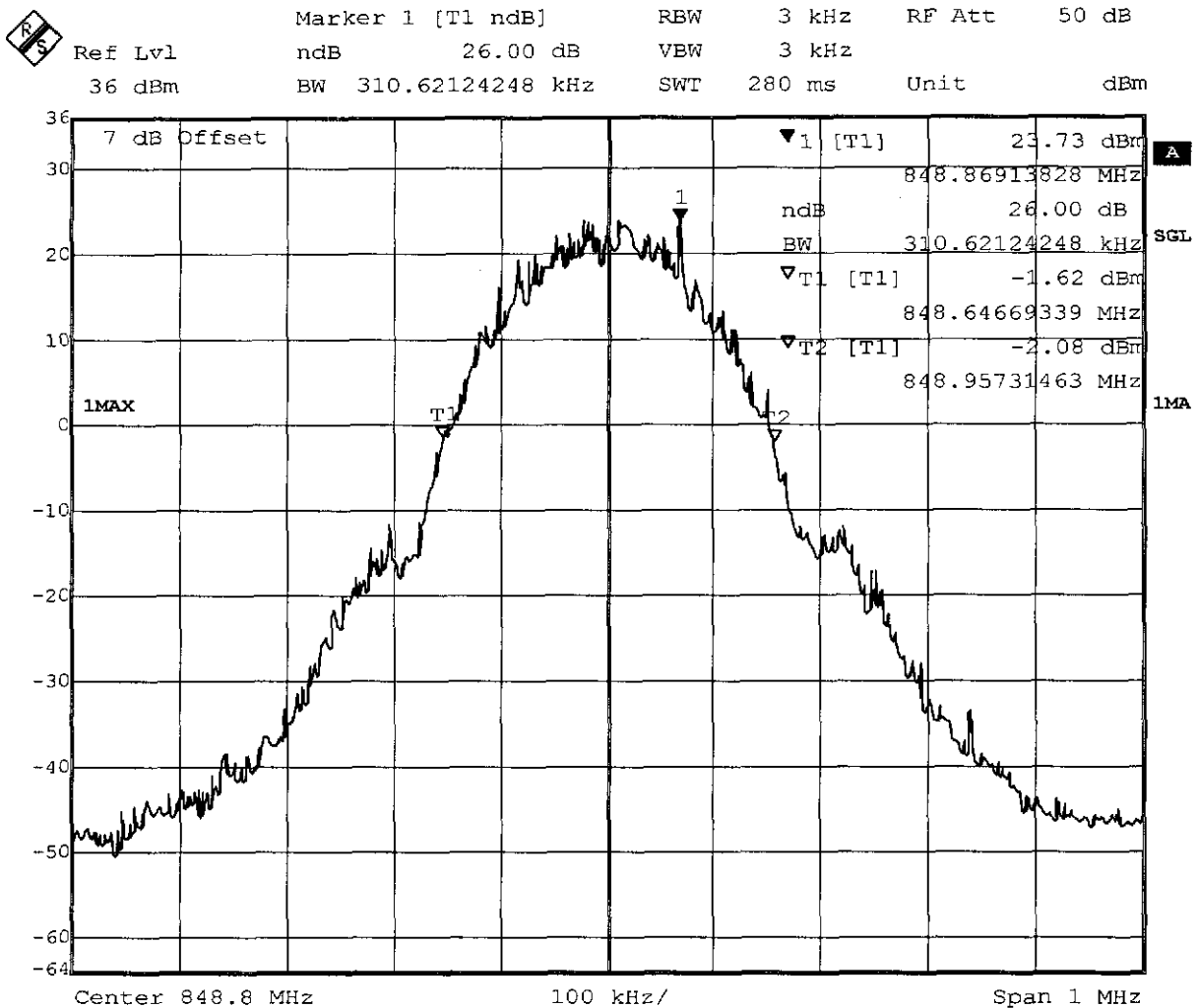
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Measurement diagram



**FCC Part 22 H
Emission Bandwidth**

EUT TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
 Model PG - 3310
 Approval Holder Pantech Co., Ltd.
 Temperature / Voltage 24°C / Unom: 4.2 V DC
 Test Site / Operator ETS / Mr. Handrik
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 251
 Comment 1 -26 dB Emission Bandwidth
 Comment 2



Date: 10.MAR.2006 14:51:16

Measurement diagram



Appendix H

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

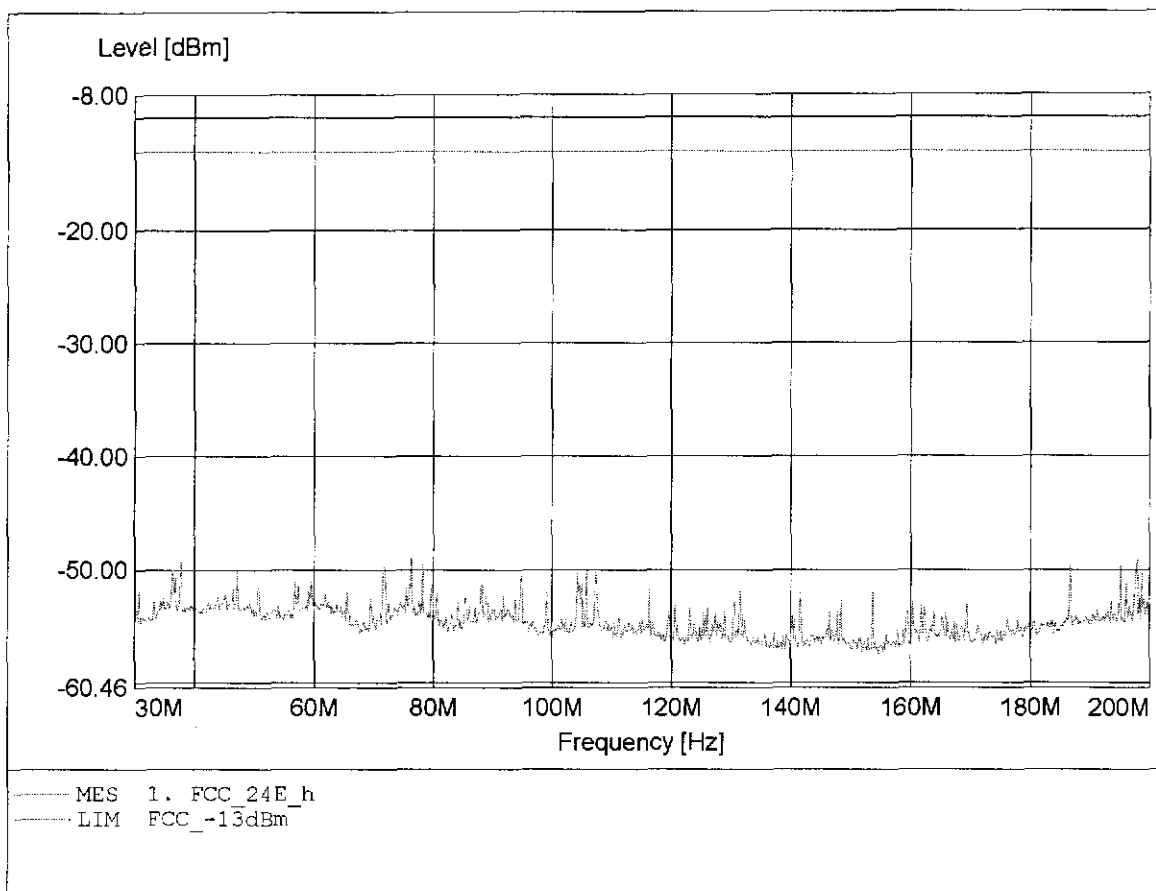


Appendix I

Spurious Radiation

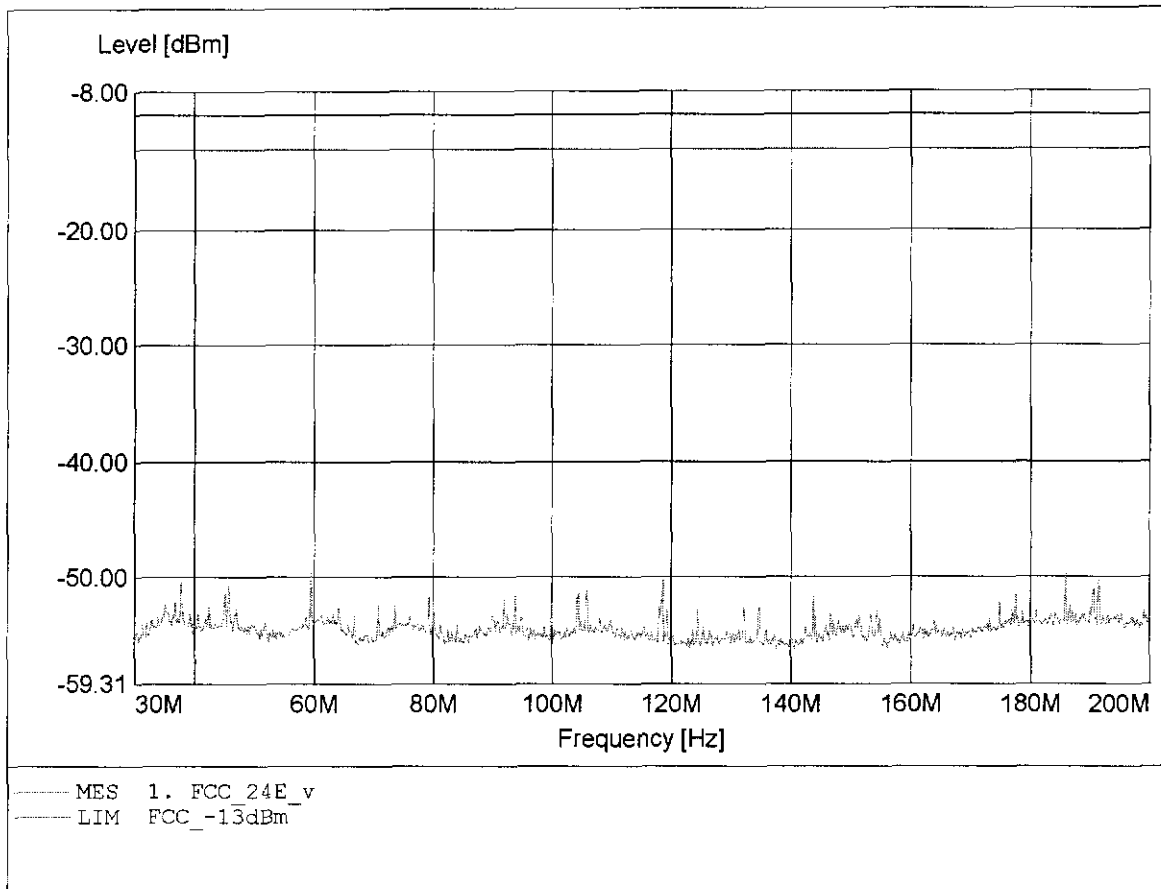
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 76.278MHz, Pmax: -48.94dBm, RBW: 1MHz



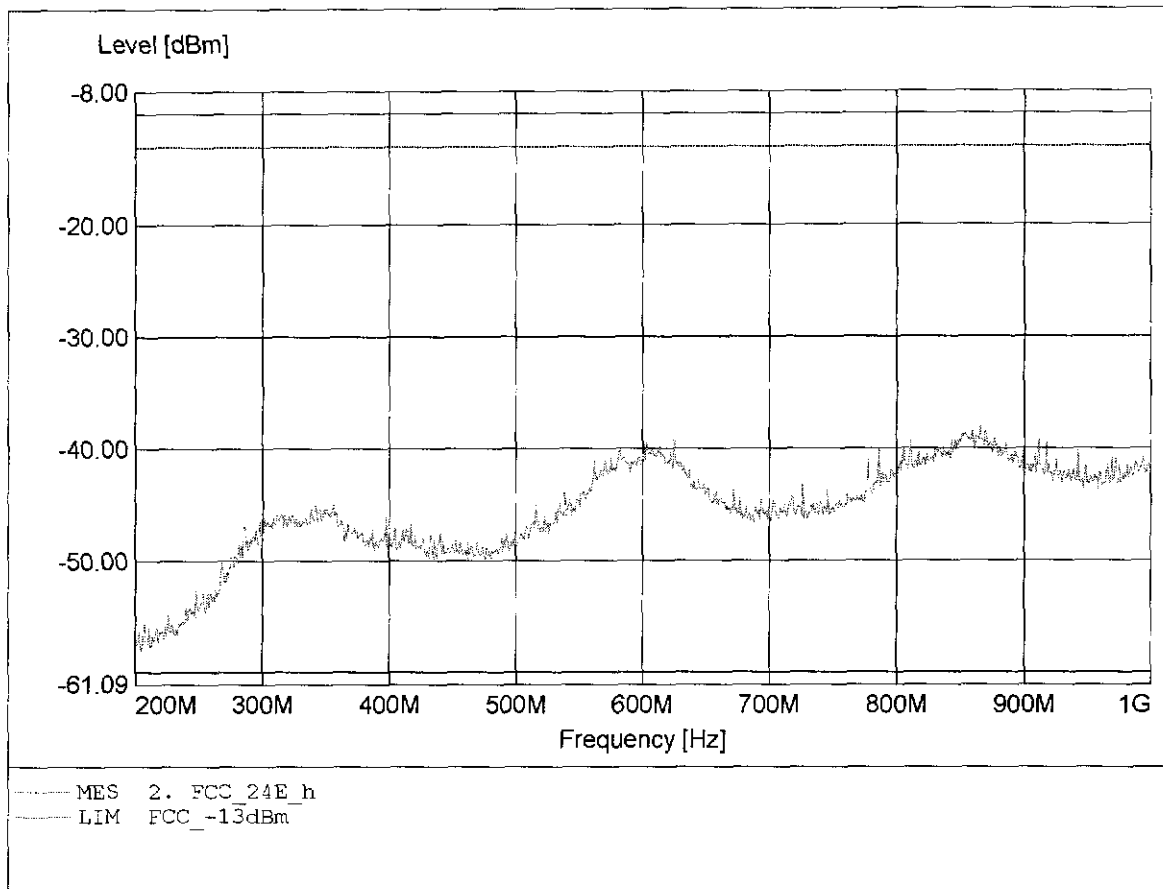
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 59.467MHz, Pmax: -49.62dBm, RBW: 1MHz



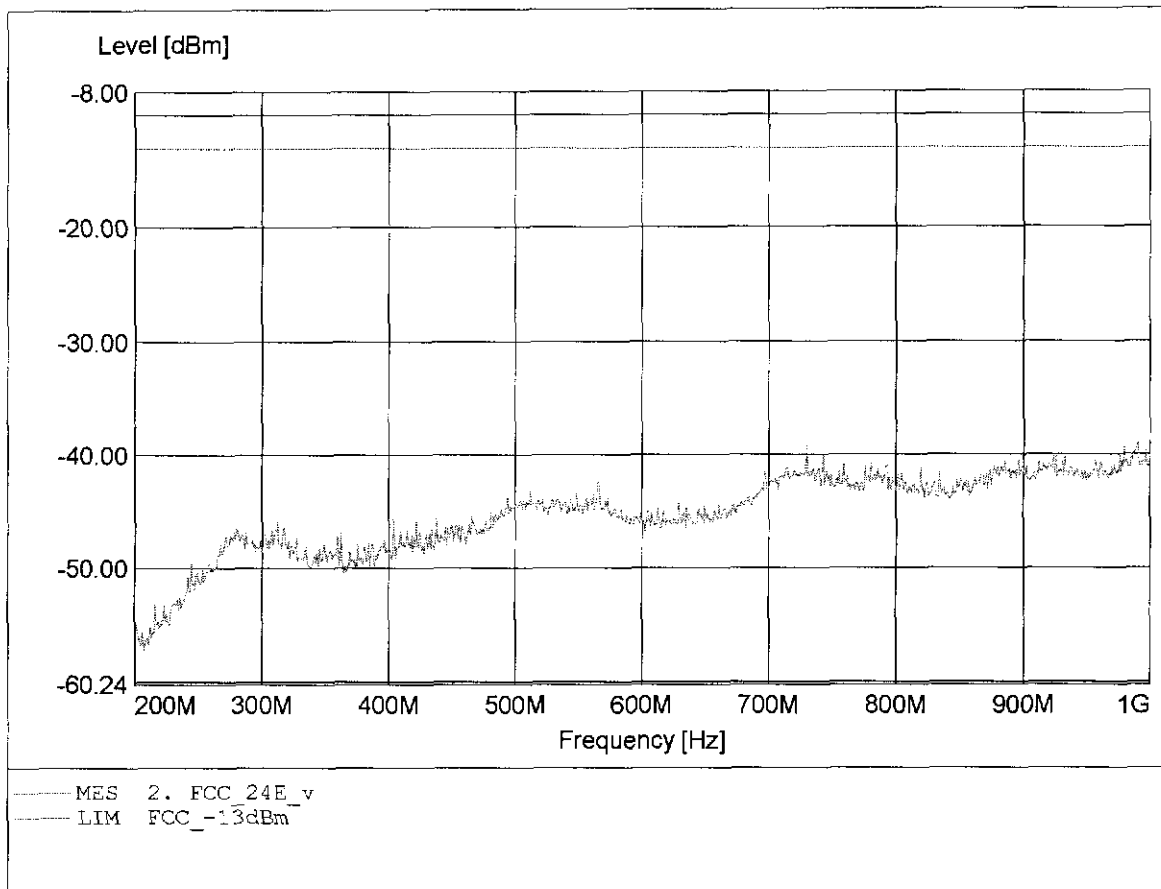
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 865.778MHz, Pmax: -37.98dBm, RBW: 1MHz



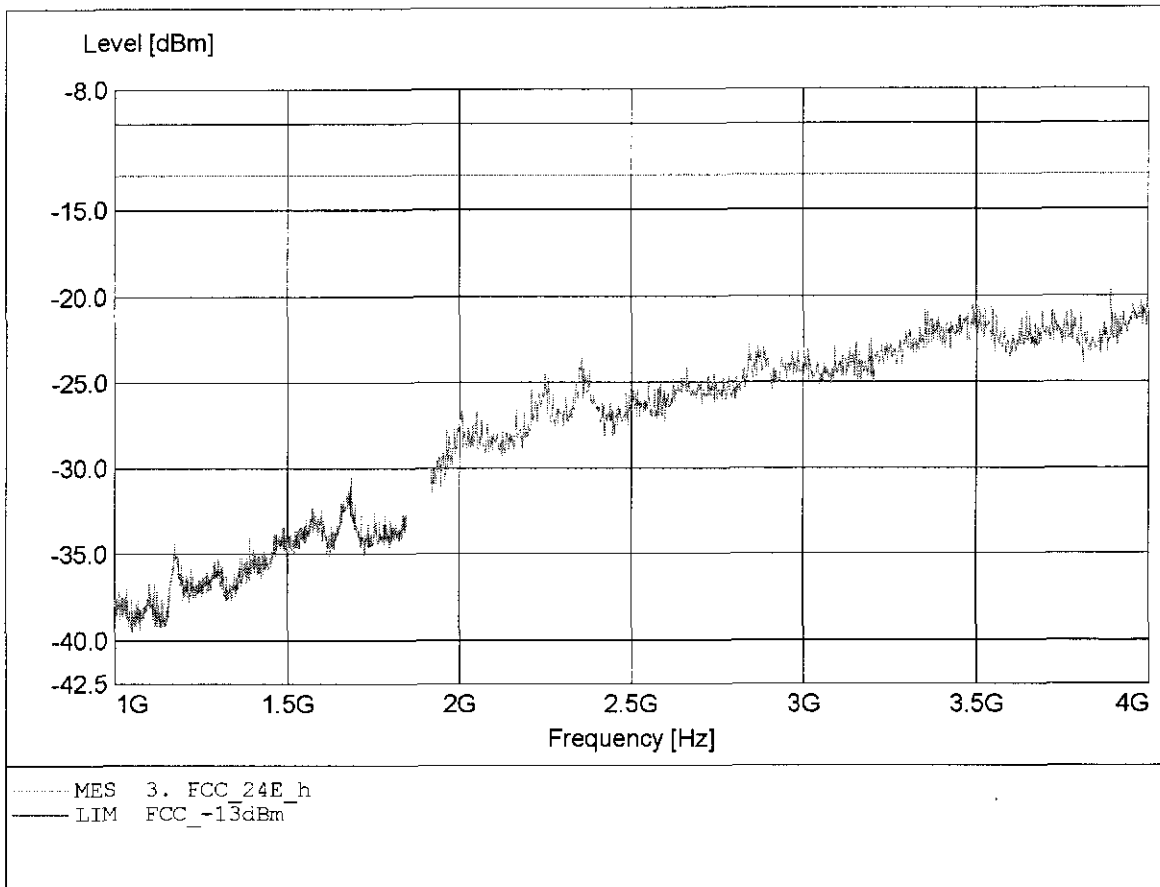
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 729.778MHz, Pmax: -38.98dBm, RBW: 1MHz



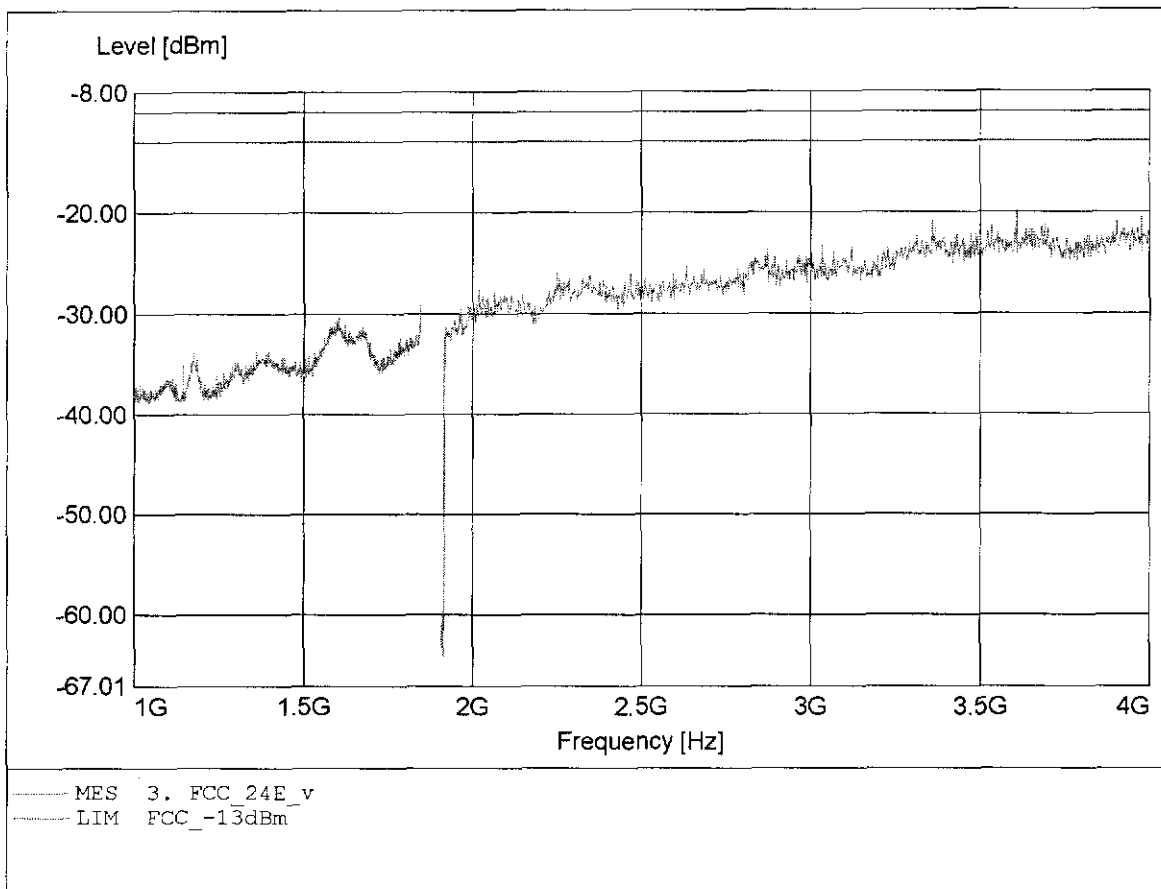
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.891GHz, Pmax: -19.59dBm, RBW: 1MHz/3kHz



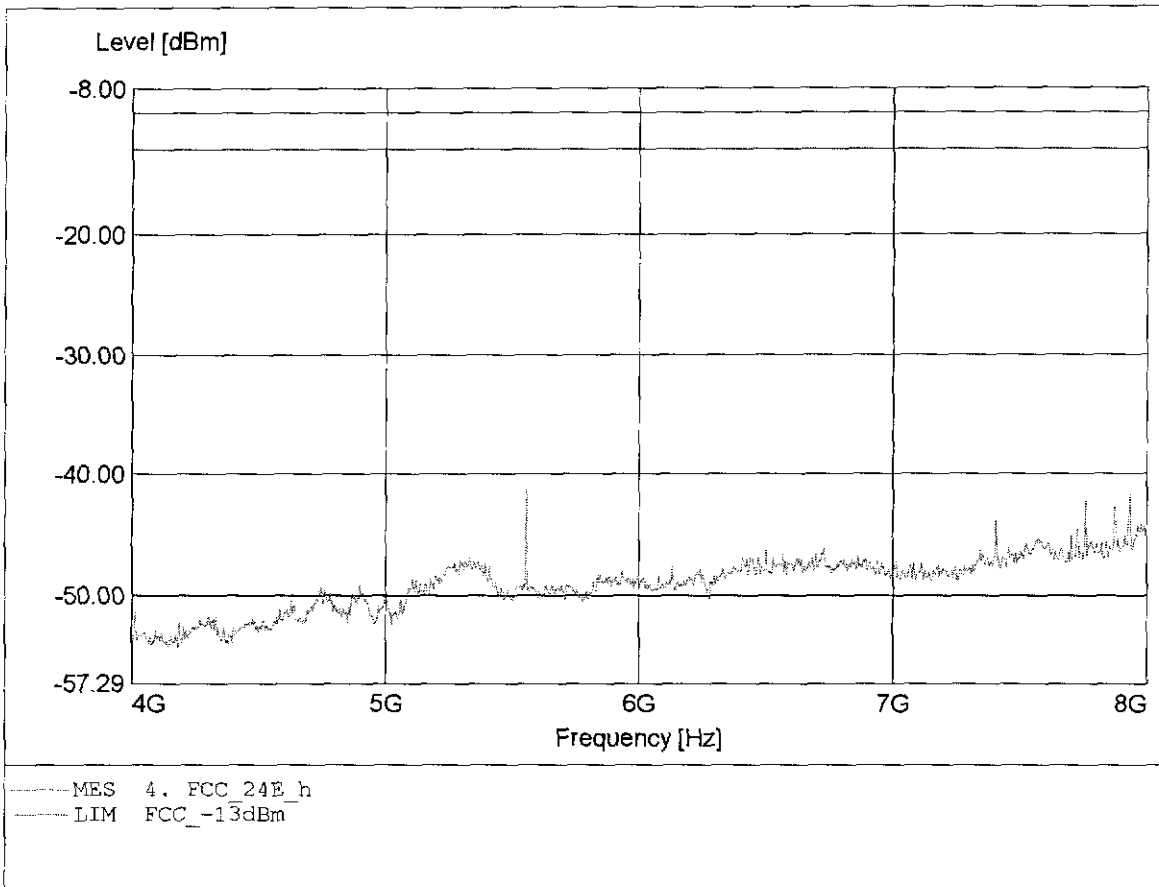
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.606GHz, Pmax: -19.85dBm, RBW: 1MHz/3kHz



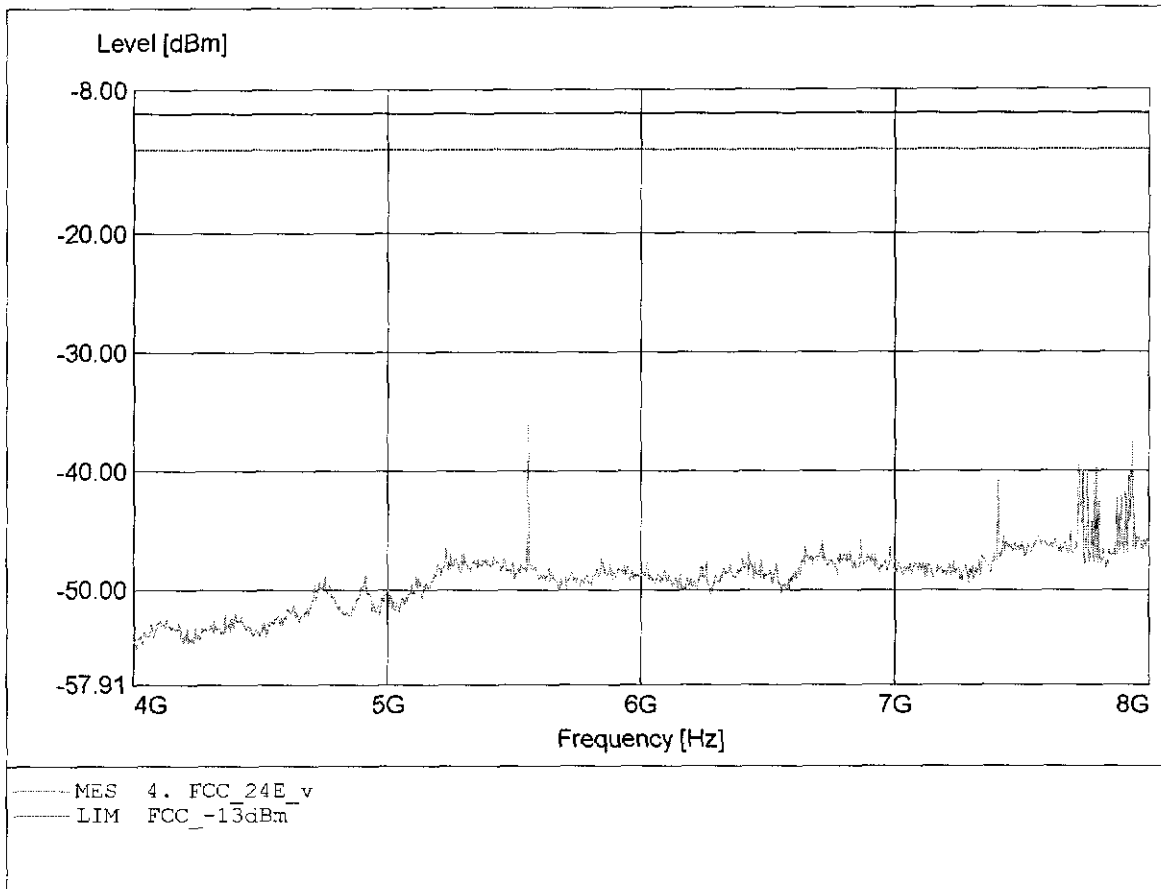
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.556GHz, Pmax: -41.34dBm, RBW: 1MHz



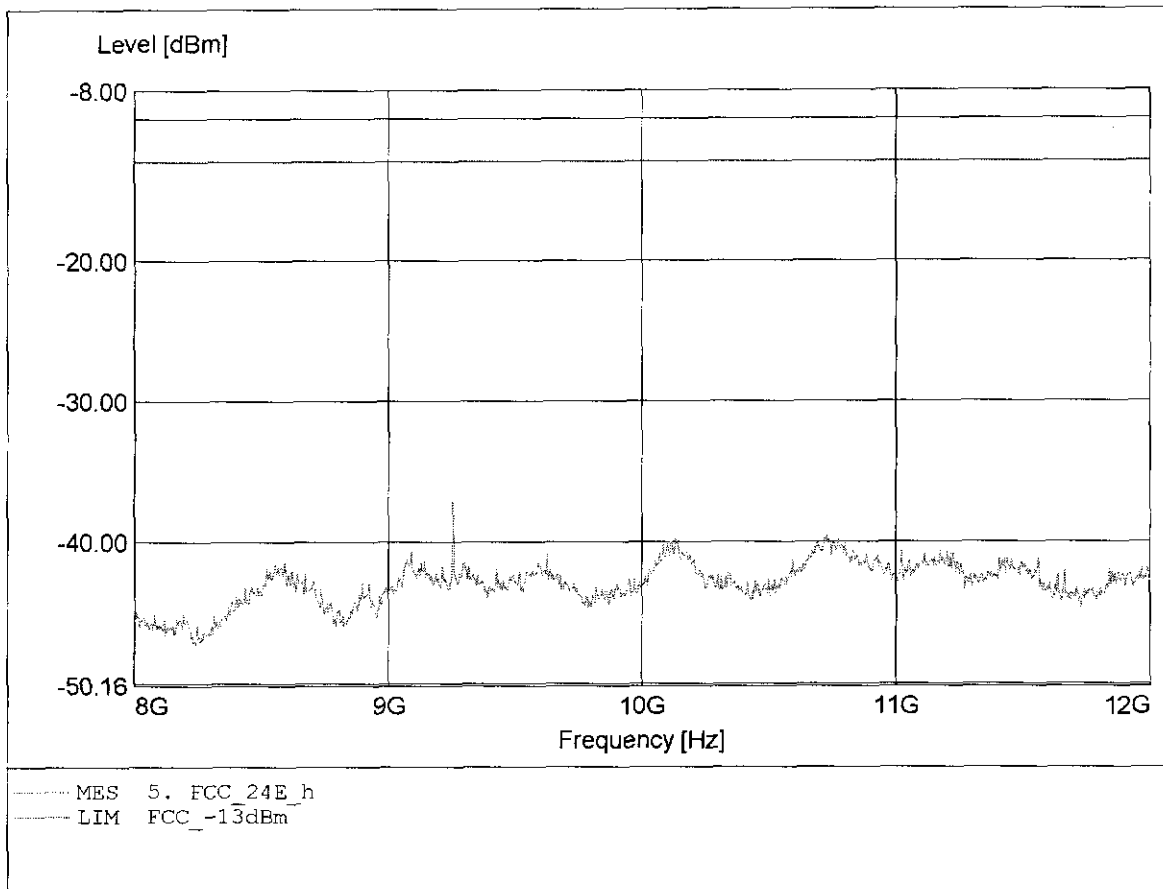
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.556GHz, Pmax: -36.01dBm, RBW: 1MHz



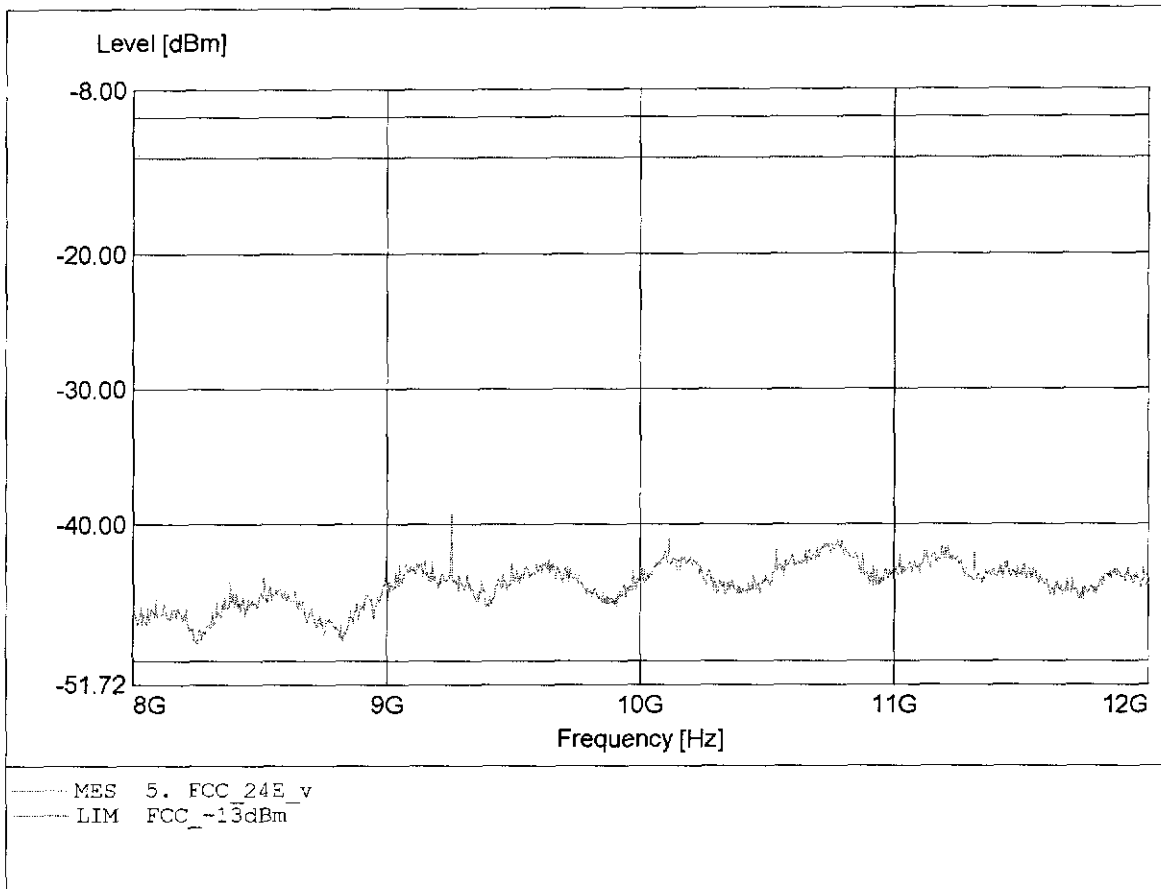
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -37.16dBm, RBW: 1MHz



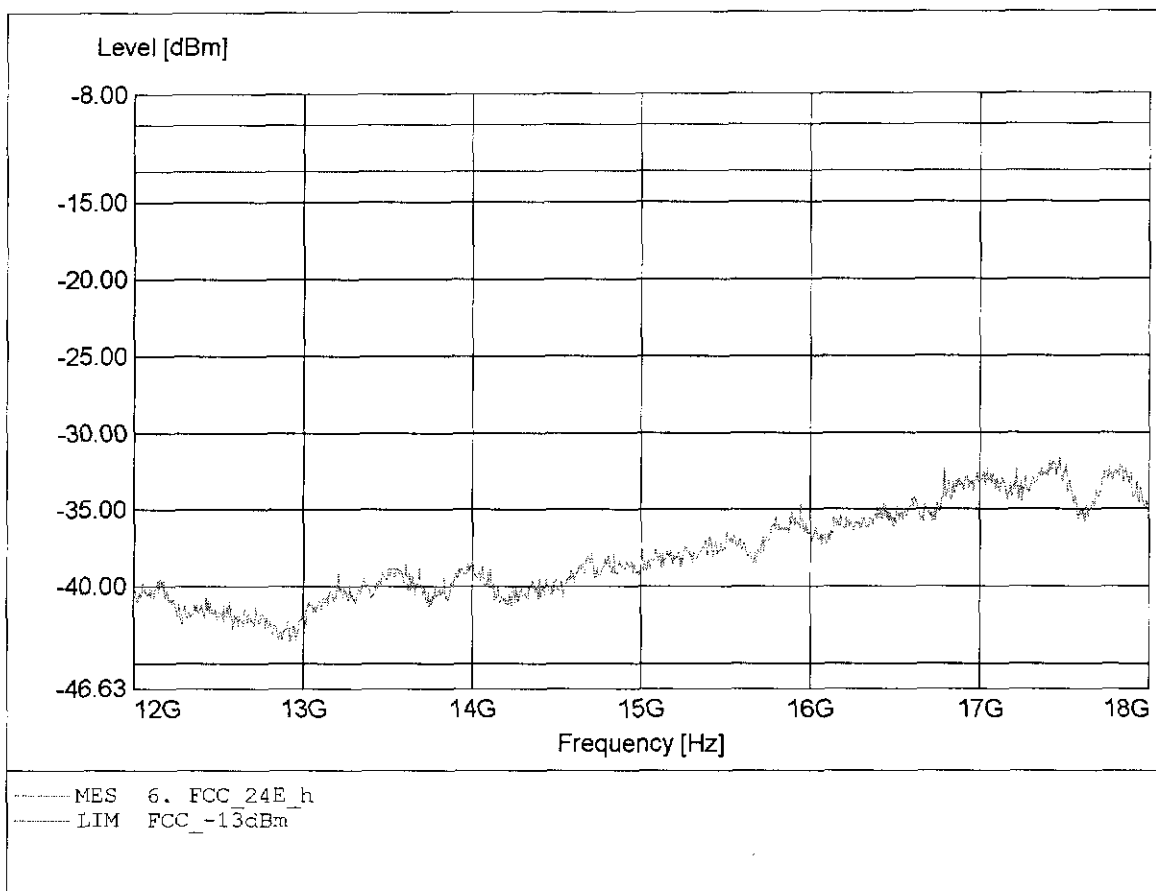
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -39.23dBm, RBW: 1MHz



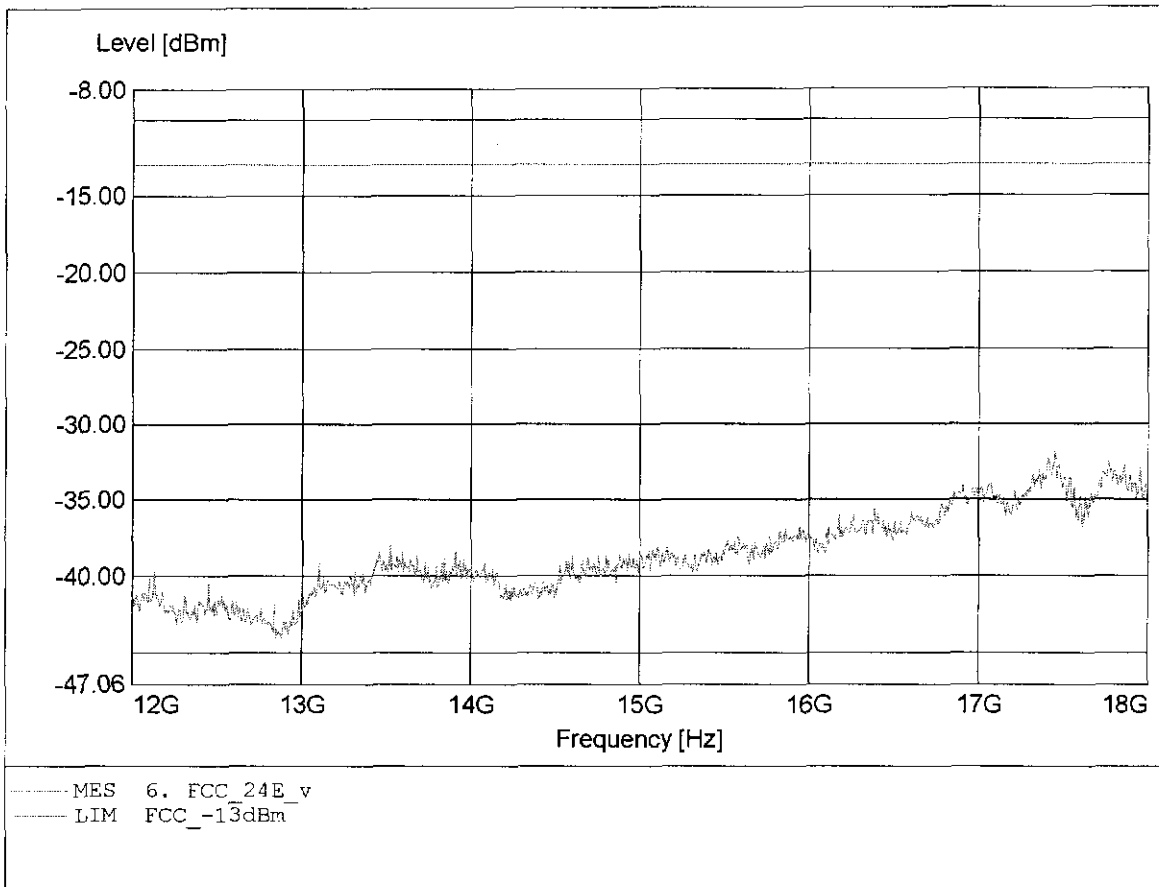
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.467GHz, Pmax: -31.70dBm, RBW: 1MHz



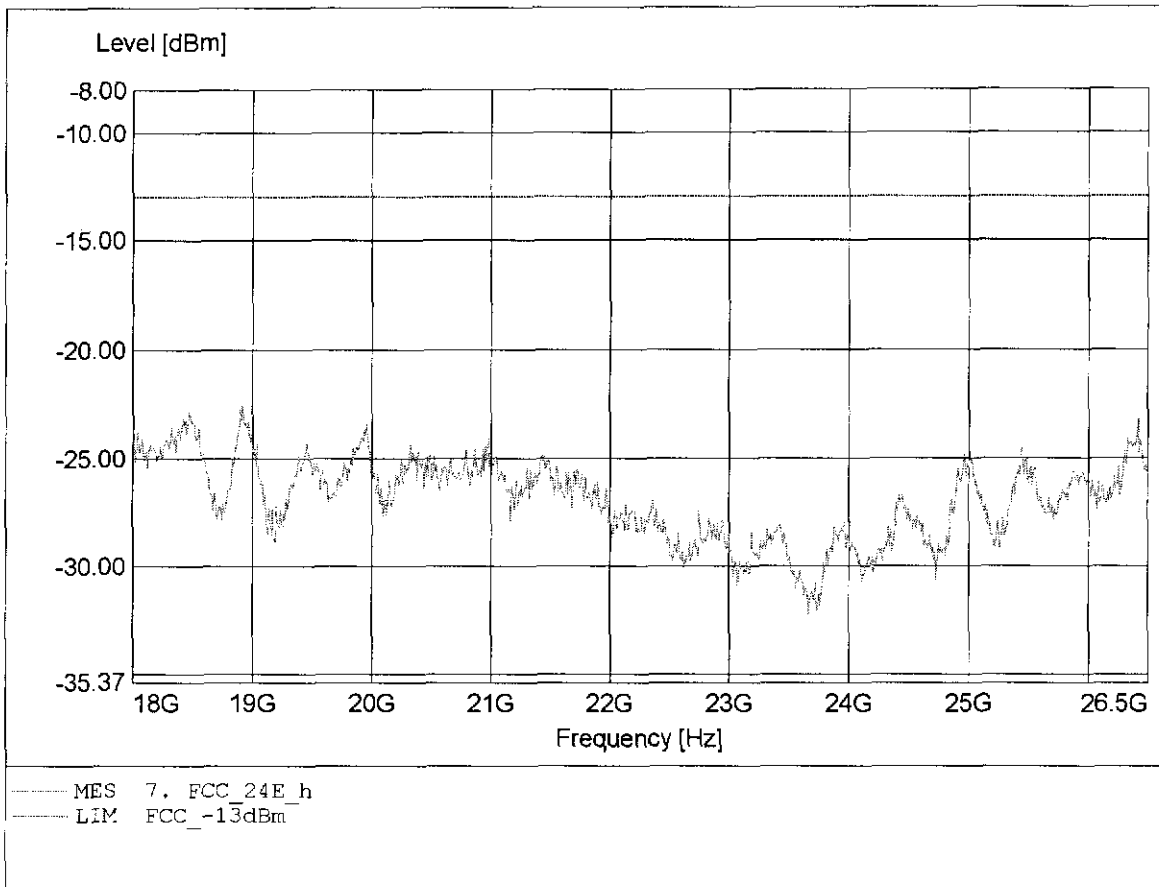
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.447GHz, Pmax: -31.82dBm, RBW: 1MHz



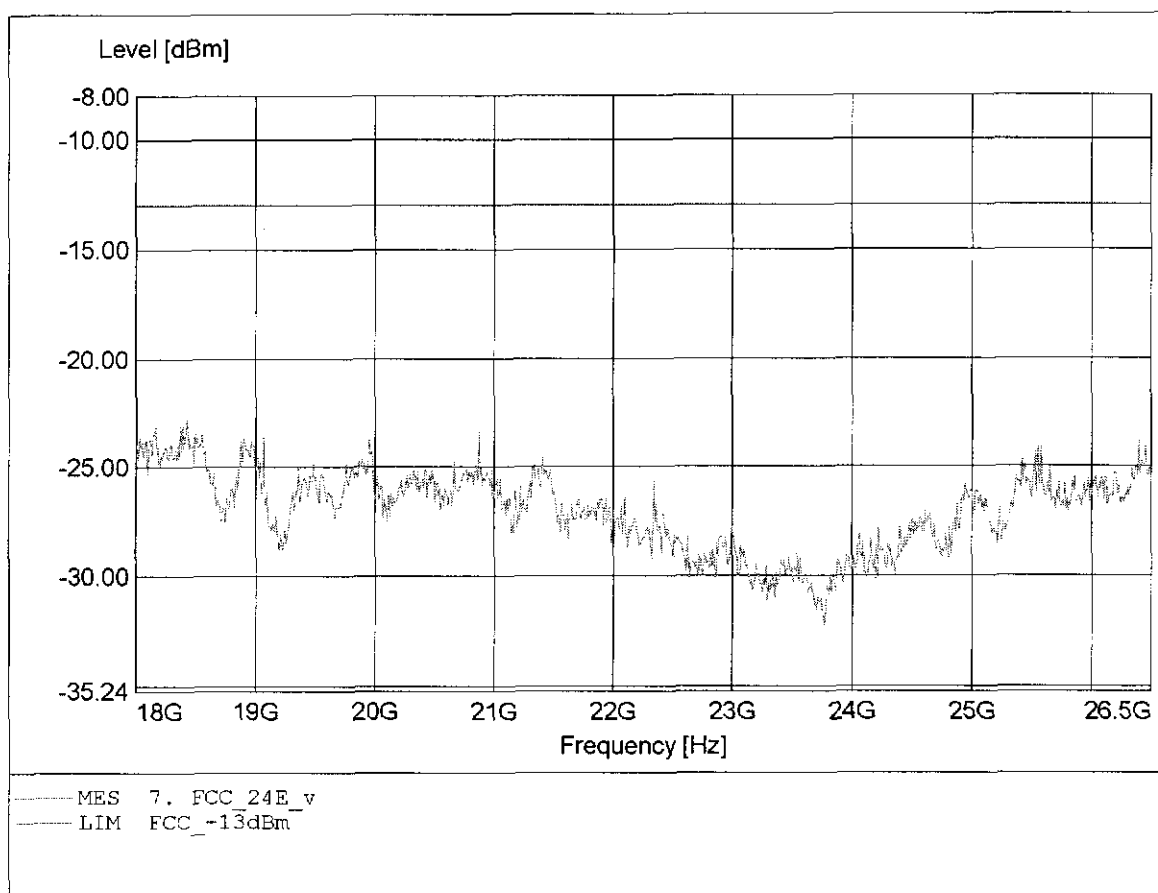
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.916GHz, Pmax: -22.51dBm, RBW: 1MHz



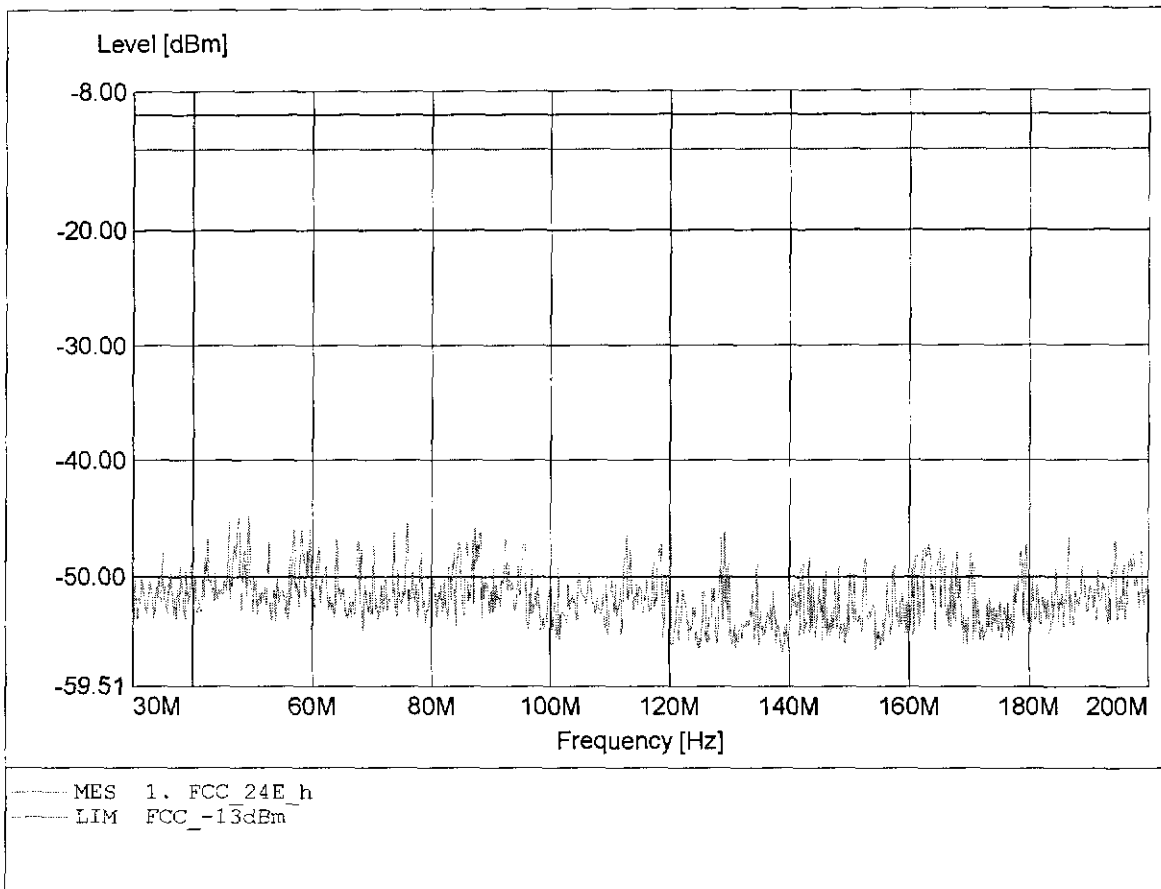
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 512
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.425GHz, Pmax: -22.67dBm, RBW: 1MHz



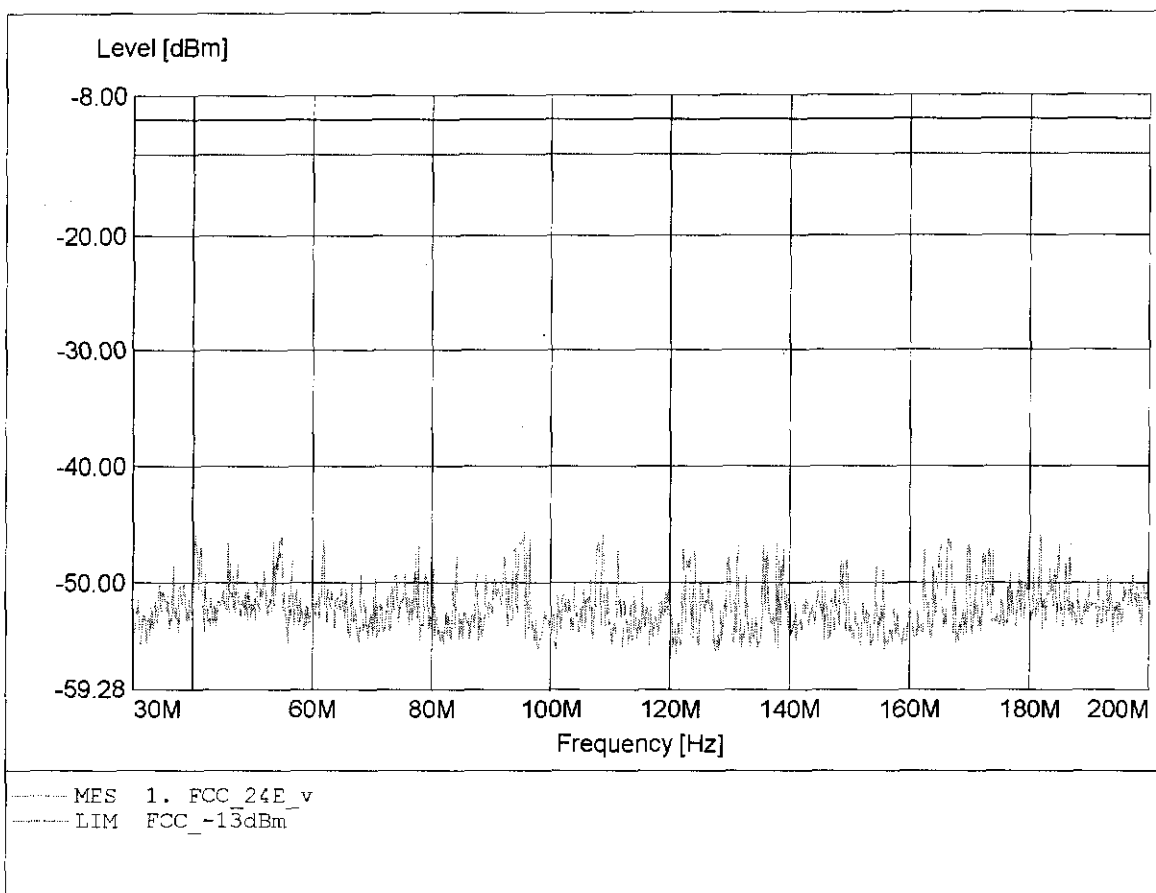
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 47.756MHz, Pmax: -44.83dBm, RBW: 1MHz



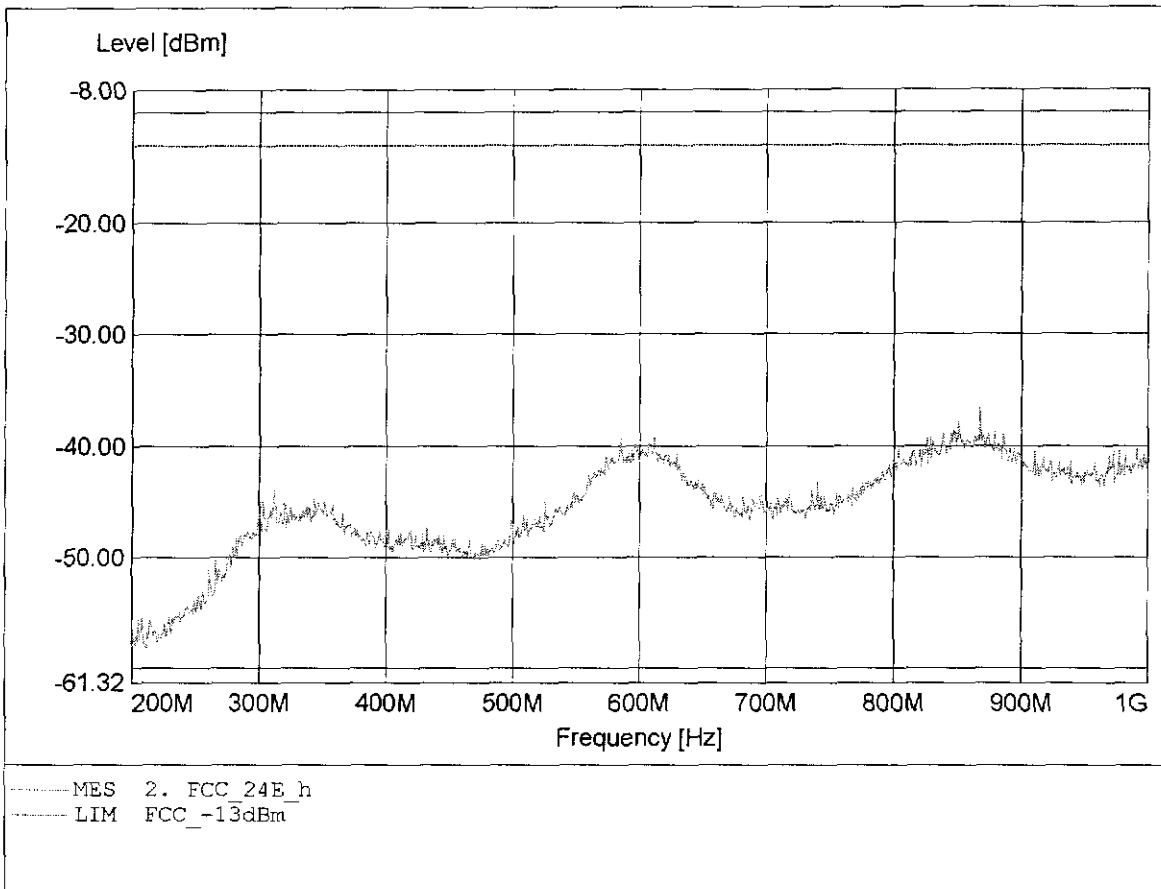
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 95.544MHz, Pmax: -45.55dBm, RBW: 1MHz



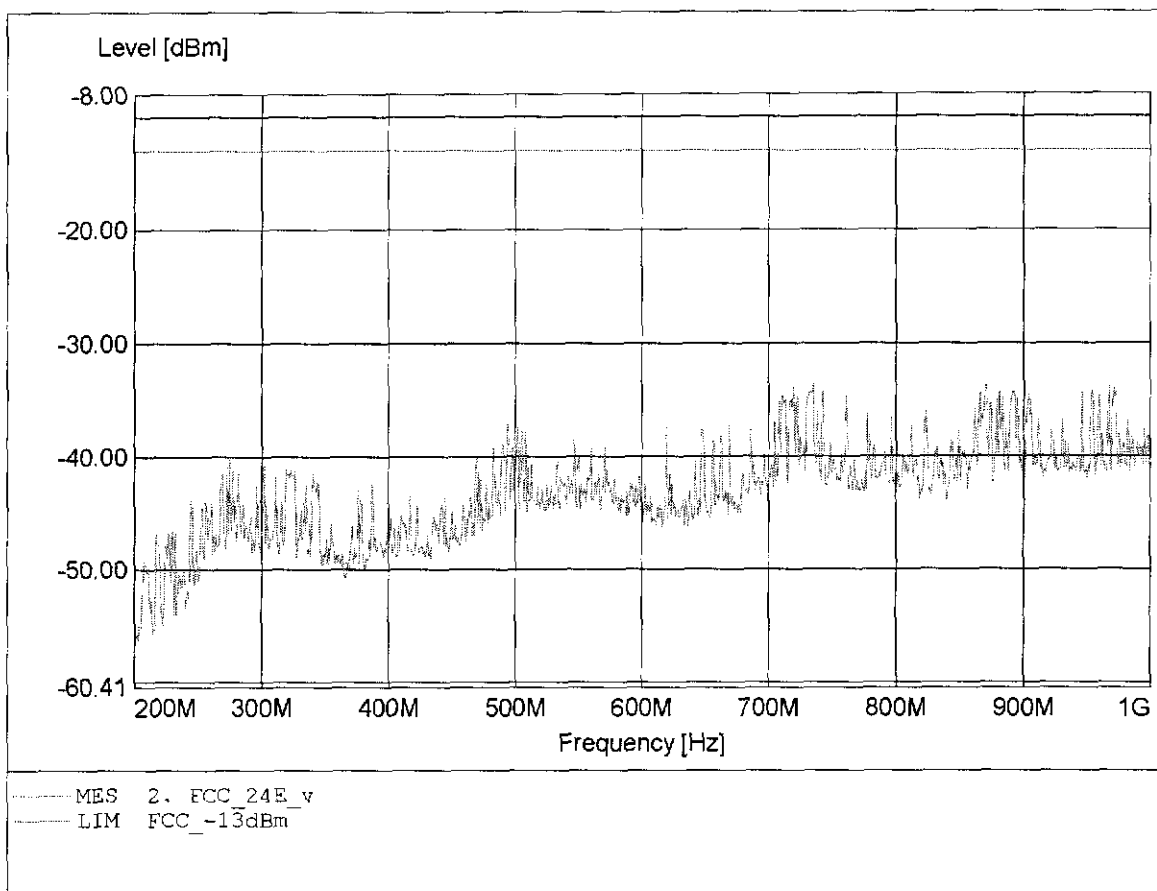
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 867.556MHz, Pmax: -36.60dBm, RBW: 1MHz



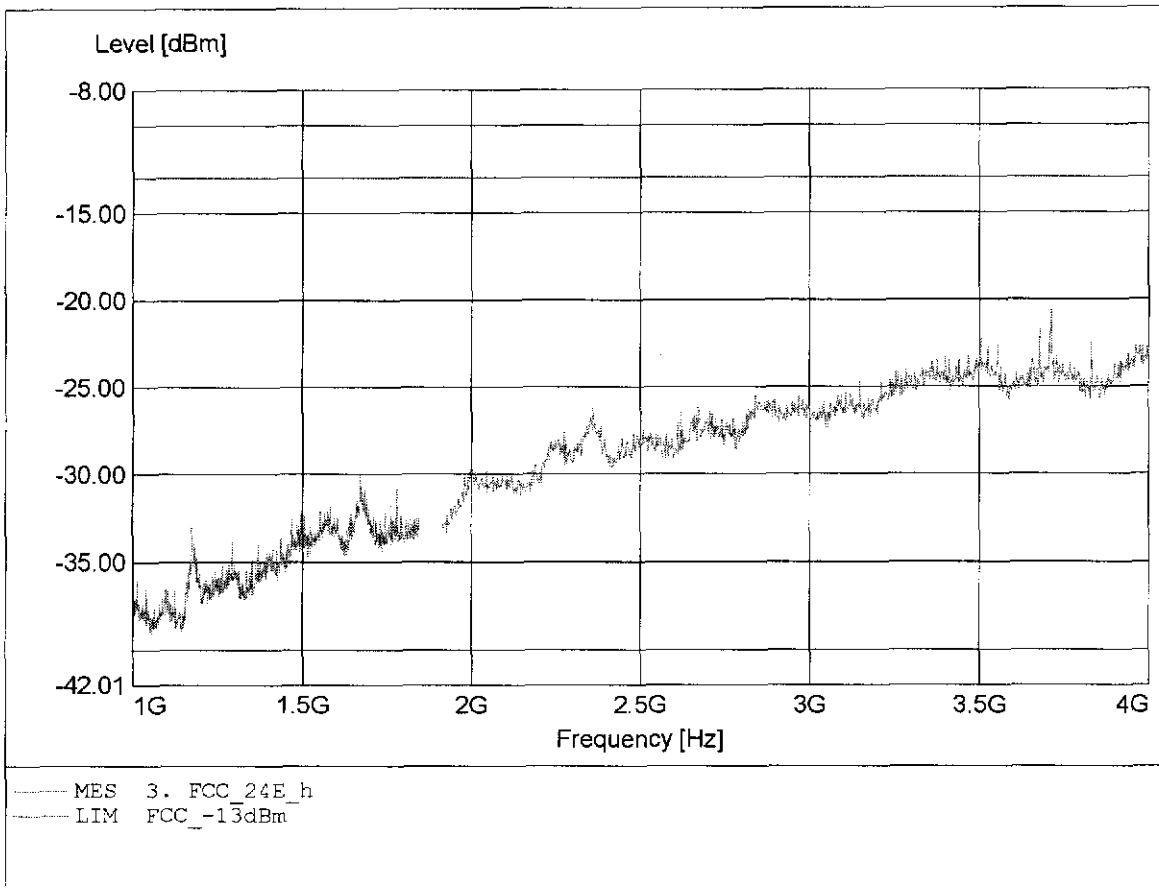
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 735.111MHz, Pmax: -33.55dBm, RBW: 1MHz



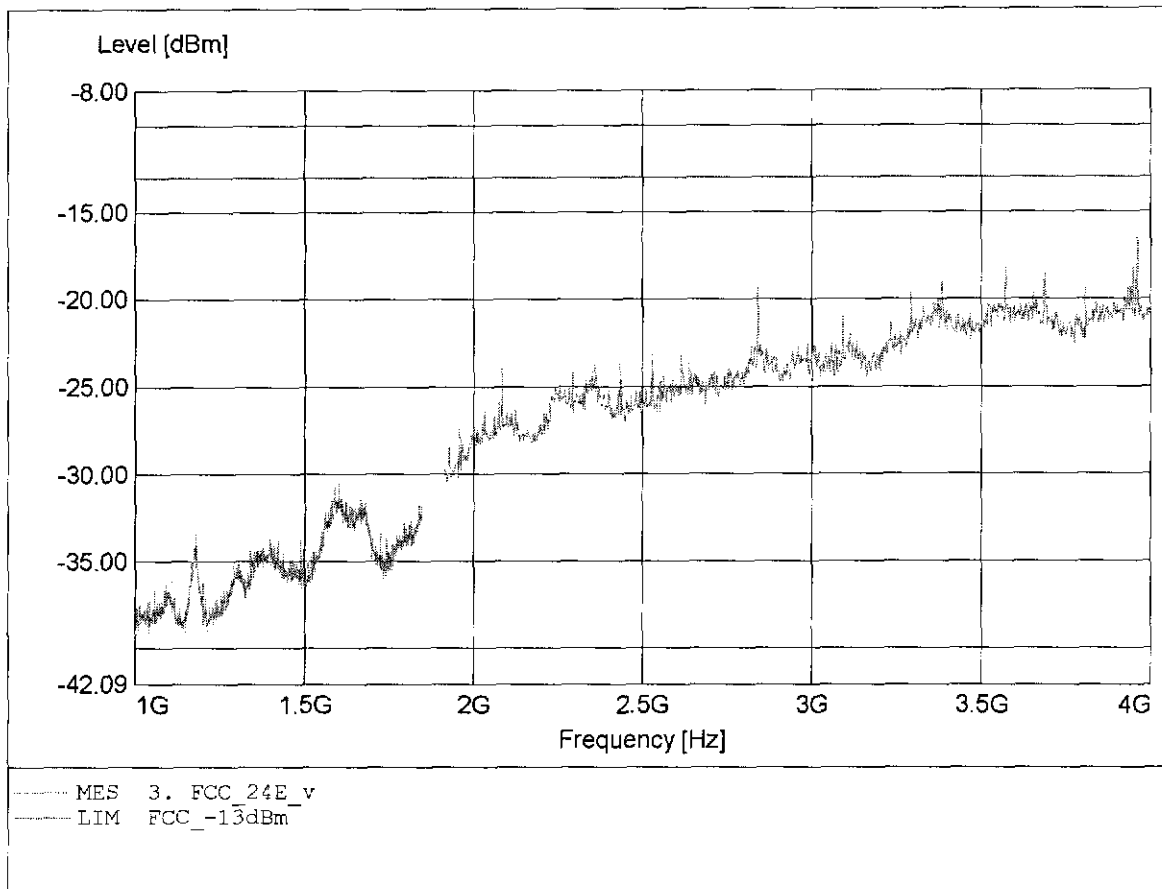
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.710GHz, Pmax: -20.63dBm, RBW: 1MHz/3kHz



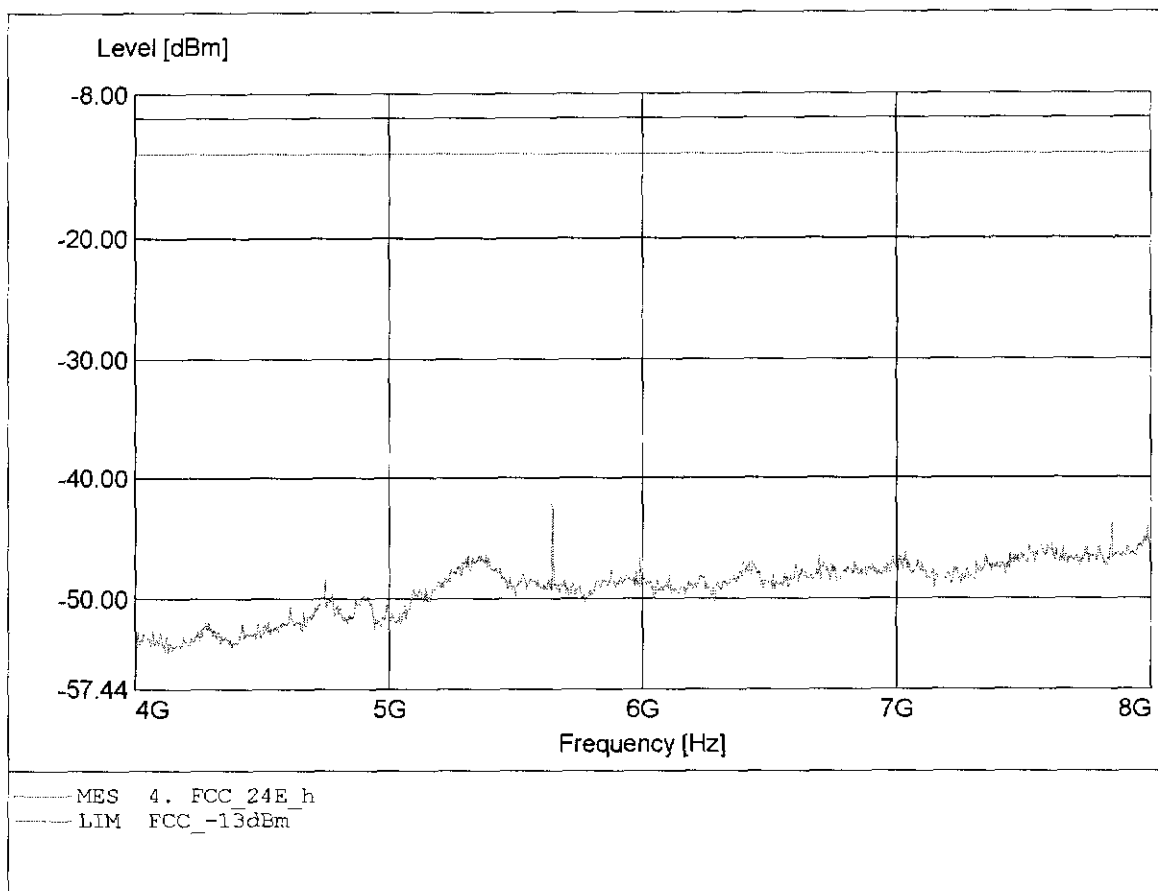
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.961GHz, Pmax: -16.53dBm, RBW: 1MHz/3kHz



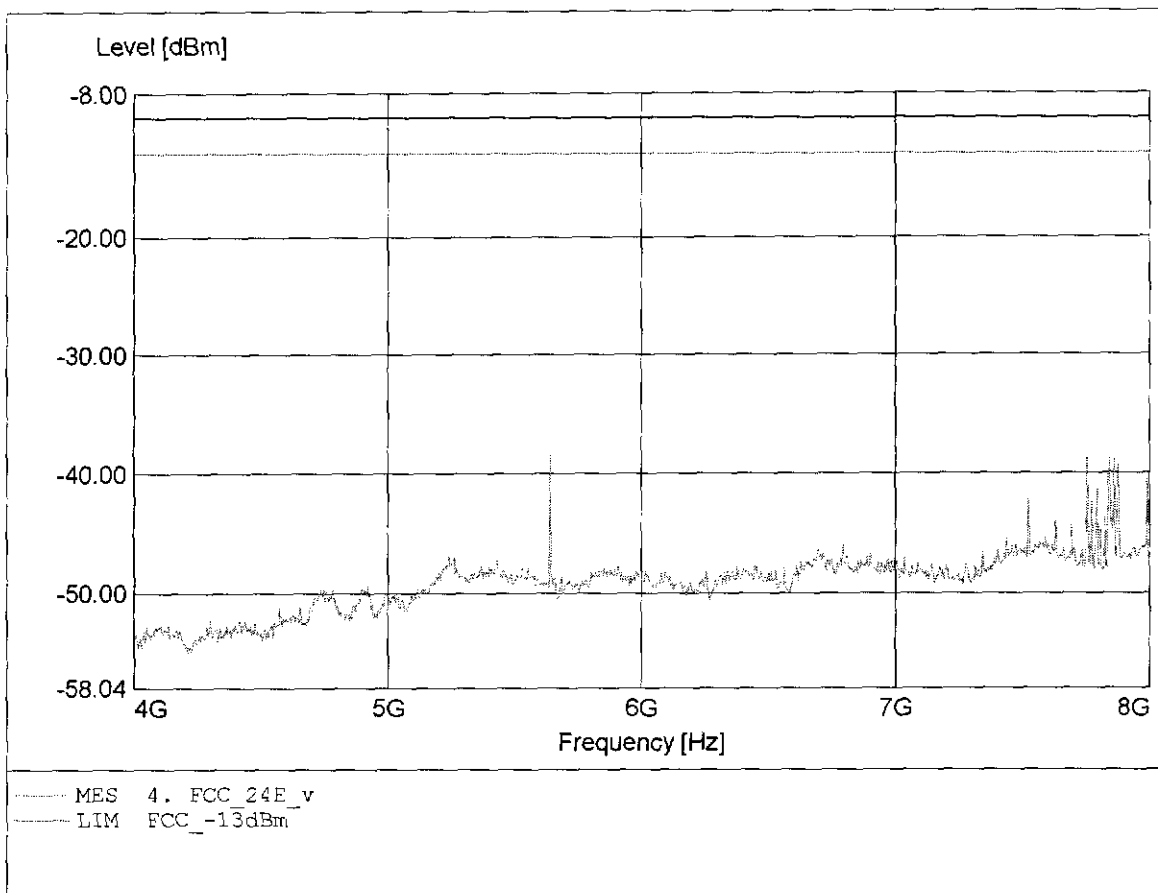
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.644GHz, Pmax: -42.05dBm, RBW: 1MHz



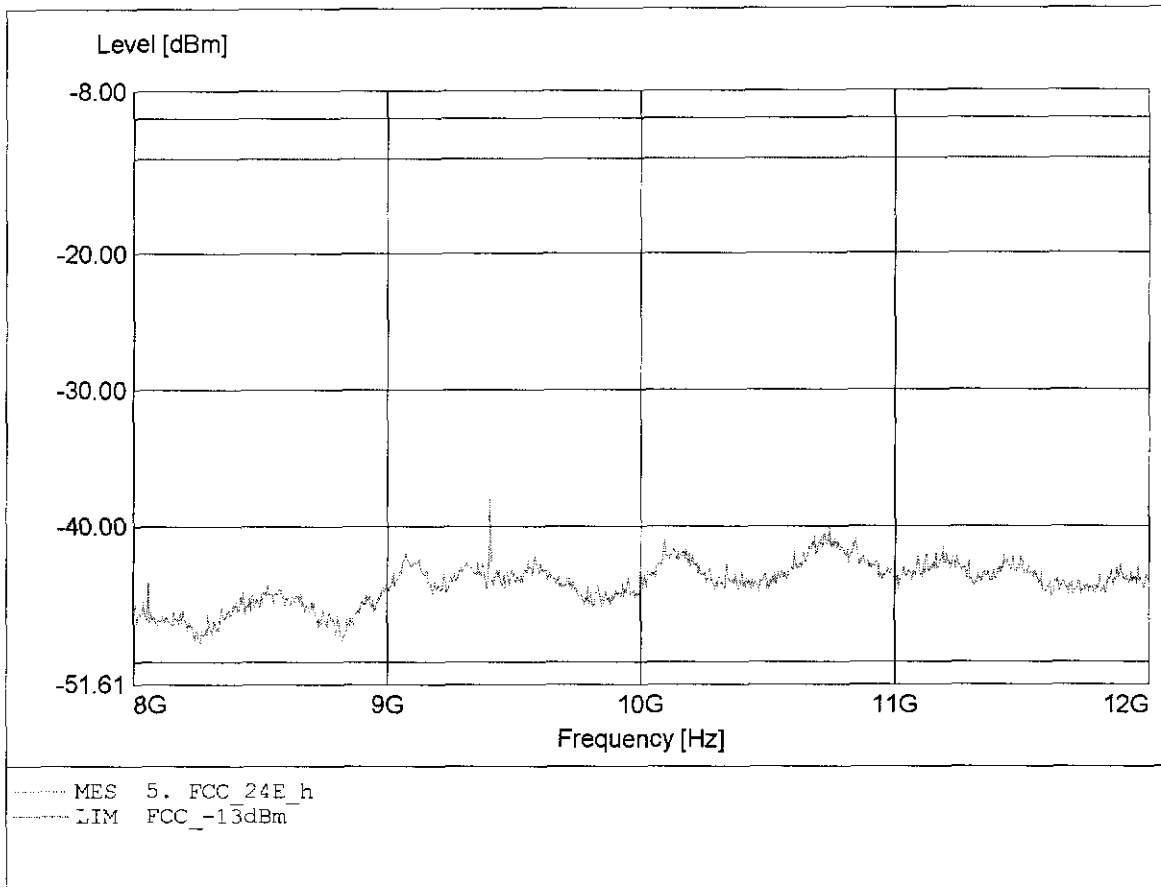
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.640GHz, Pmax: -38.44dBm, RBW: 1MHz



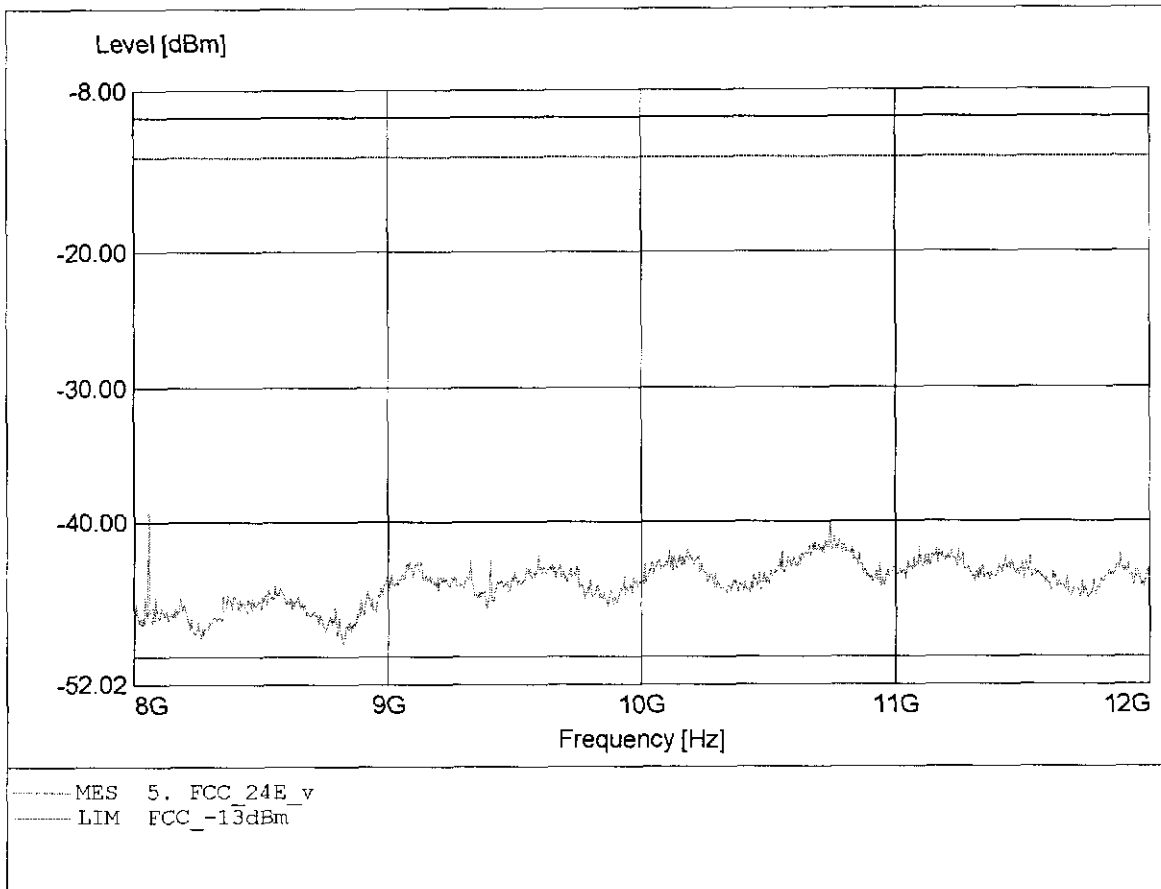
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.404GHz, Pmax: -37.99dBm, RBW: 1MHz



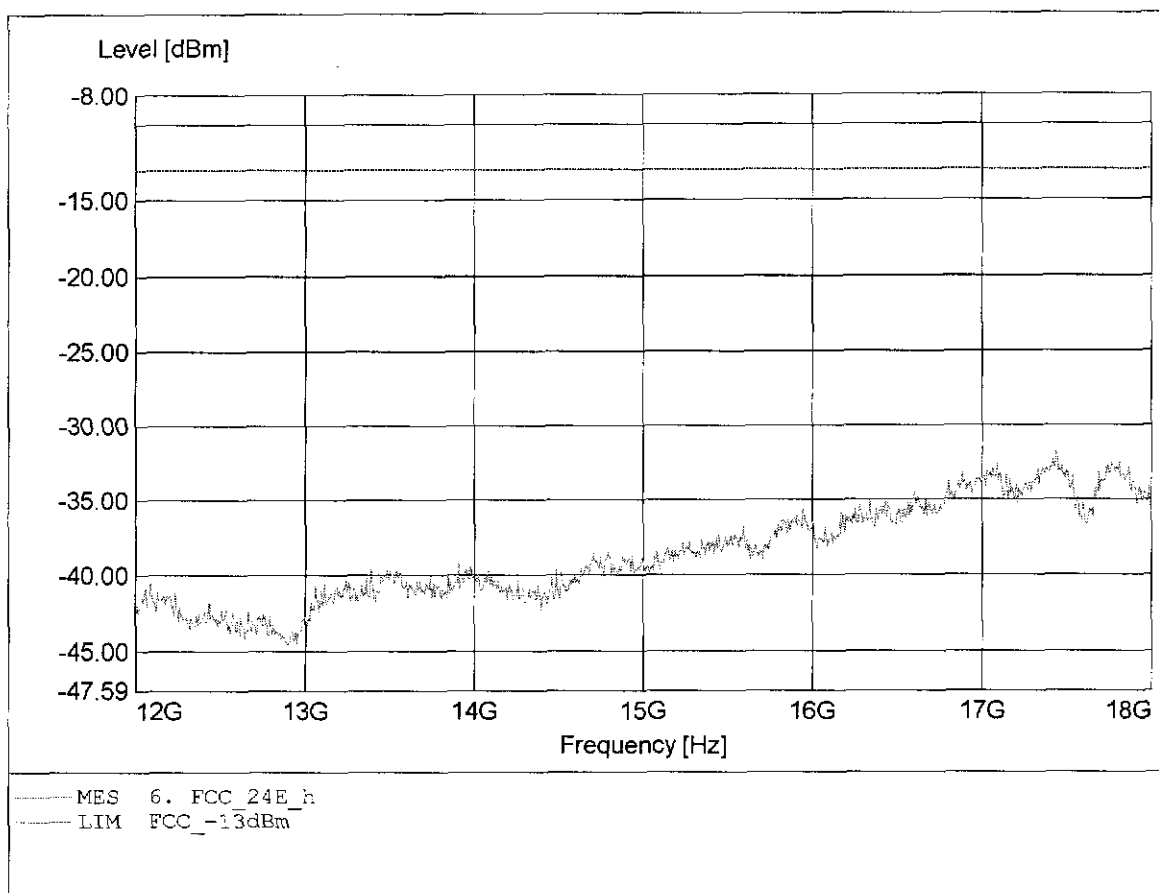
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 8.058GHz, Pmax: -39.33dBm, RBW: 1MHz



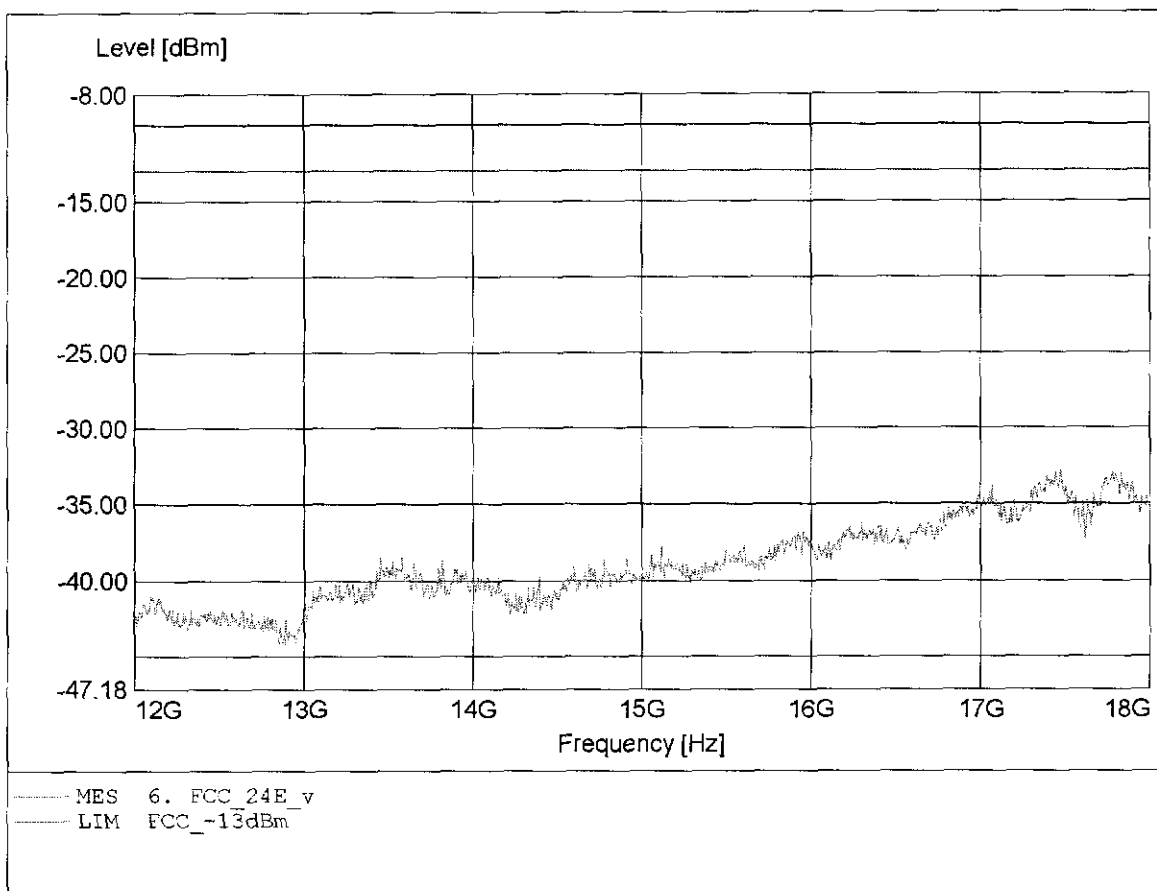
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.433GHz, Pmax: -31.82dBm, RBW: 1MHz



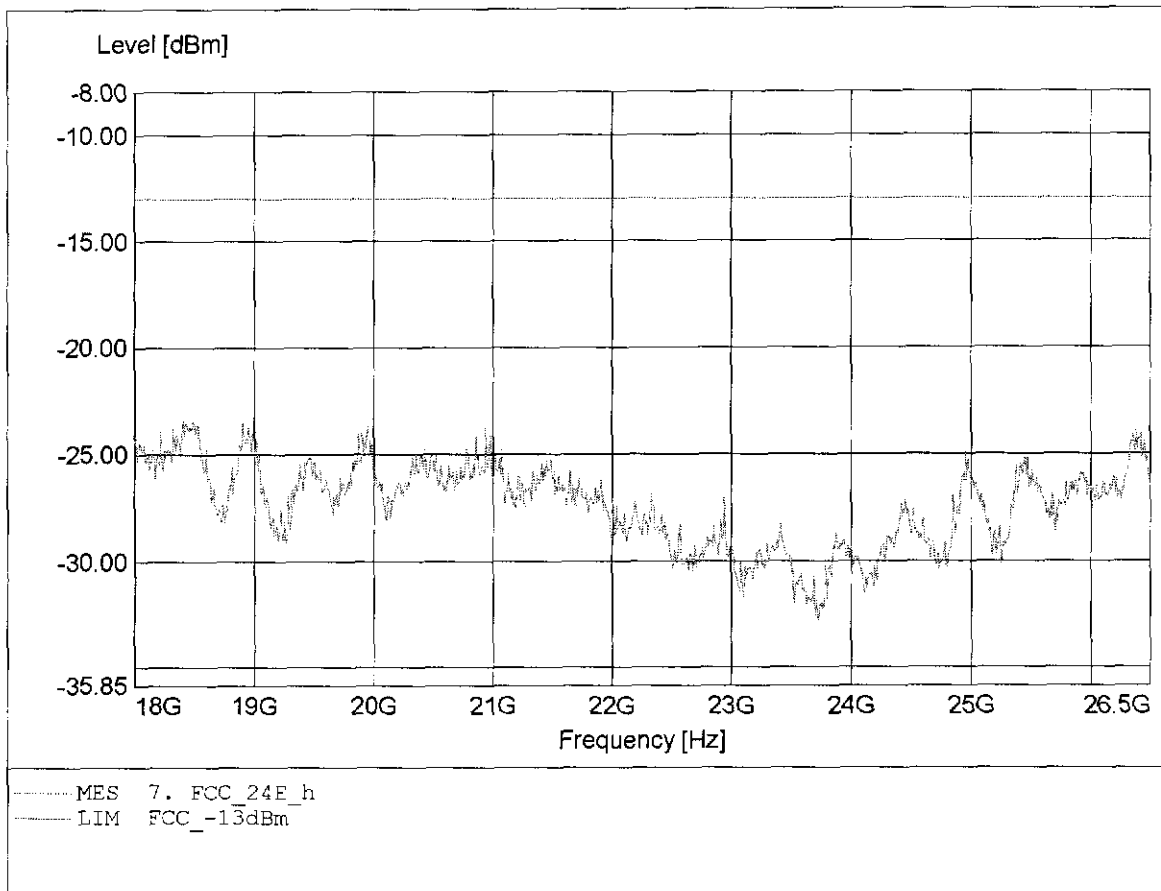
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.473GHz, Pmax: -32.73dBm, RBW: 1MHz



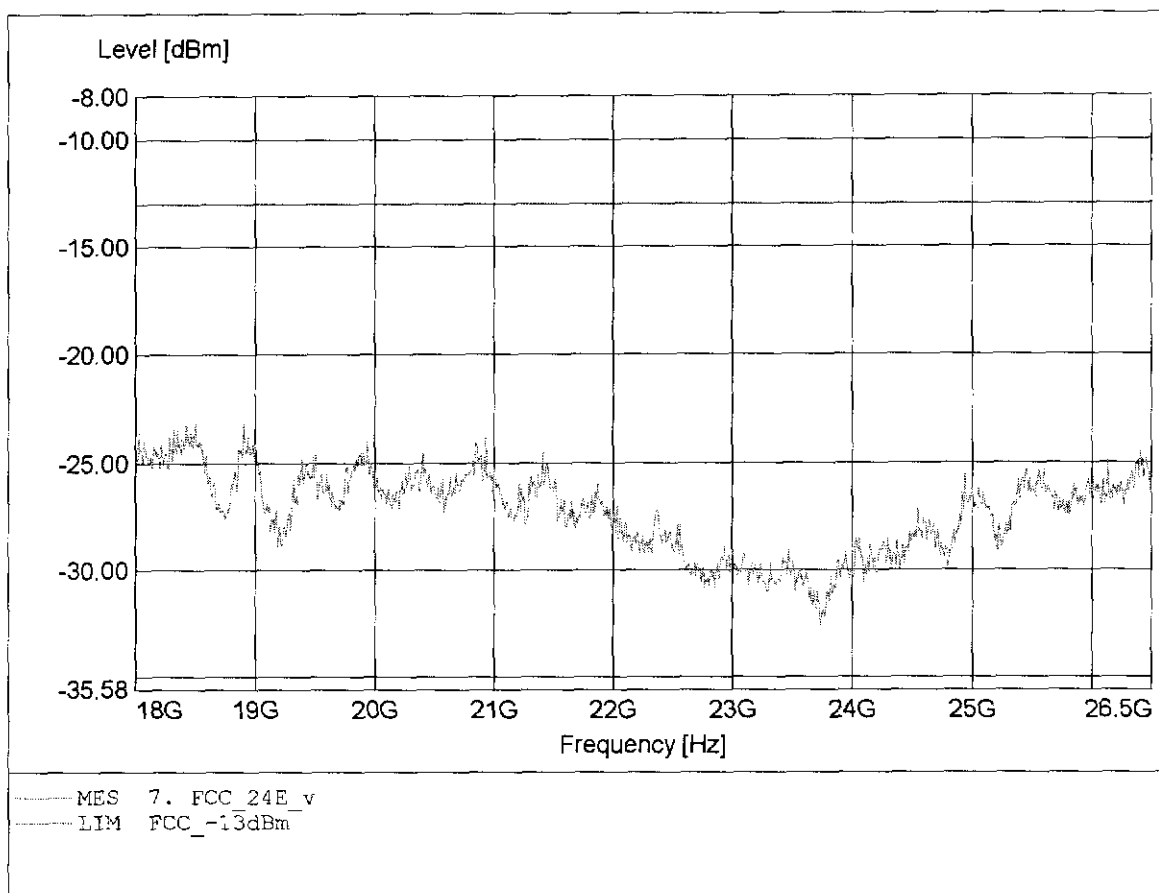
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.491GHz, Pmax: -23.36dBm, RBW: 1MHz



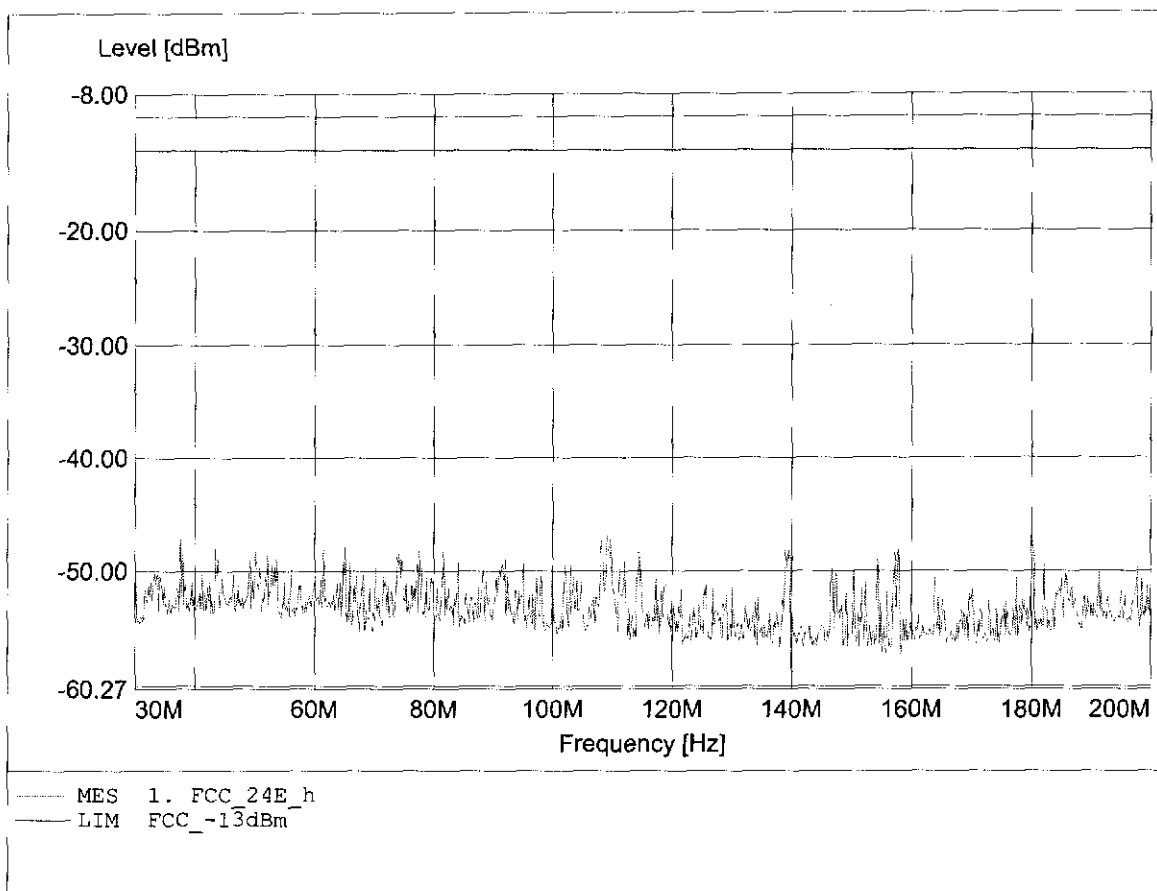
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 661
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.425GHz, Pmax: -23.10dBm, RBW: 1MHz



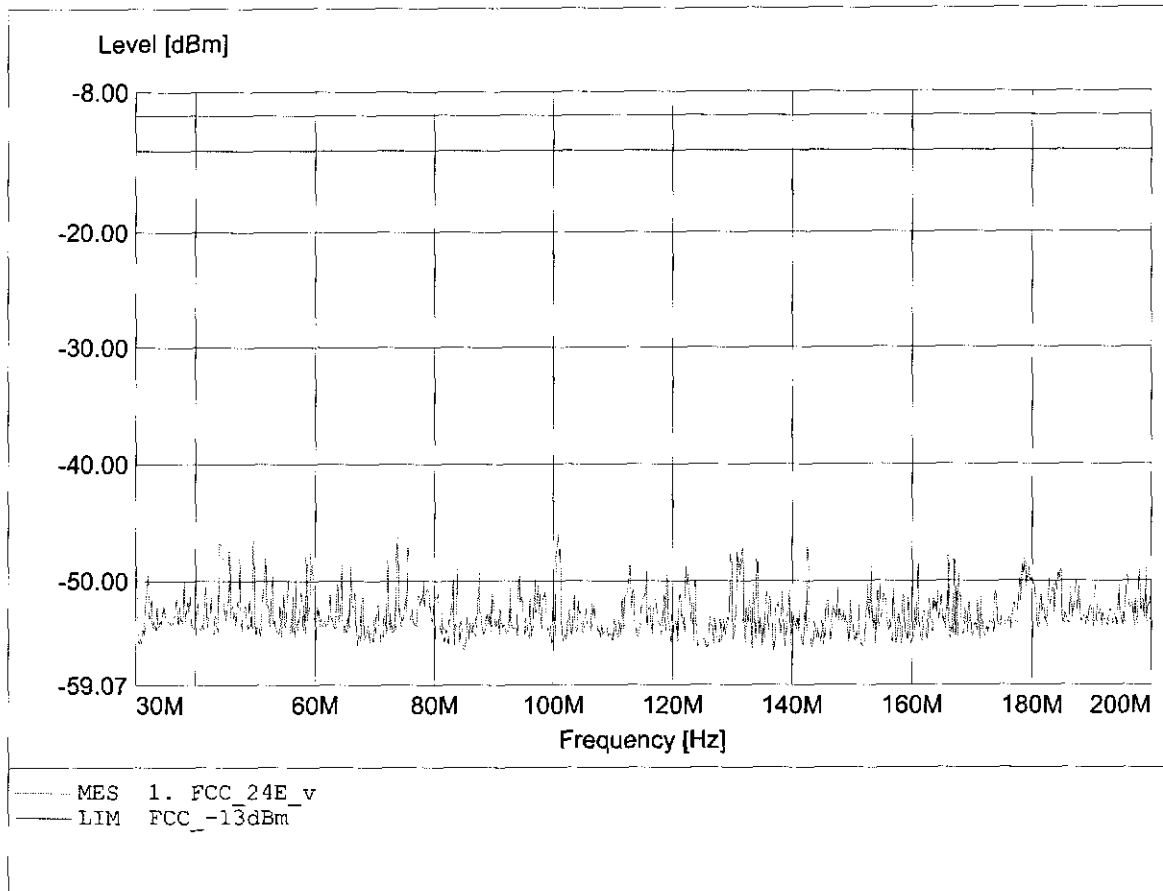
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 109.144MHz, Pmax: -46.47dBm, RBW: 1MHz



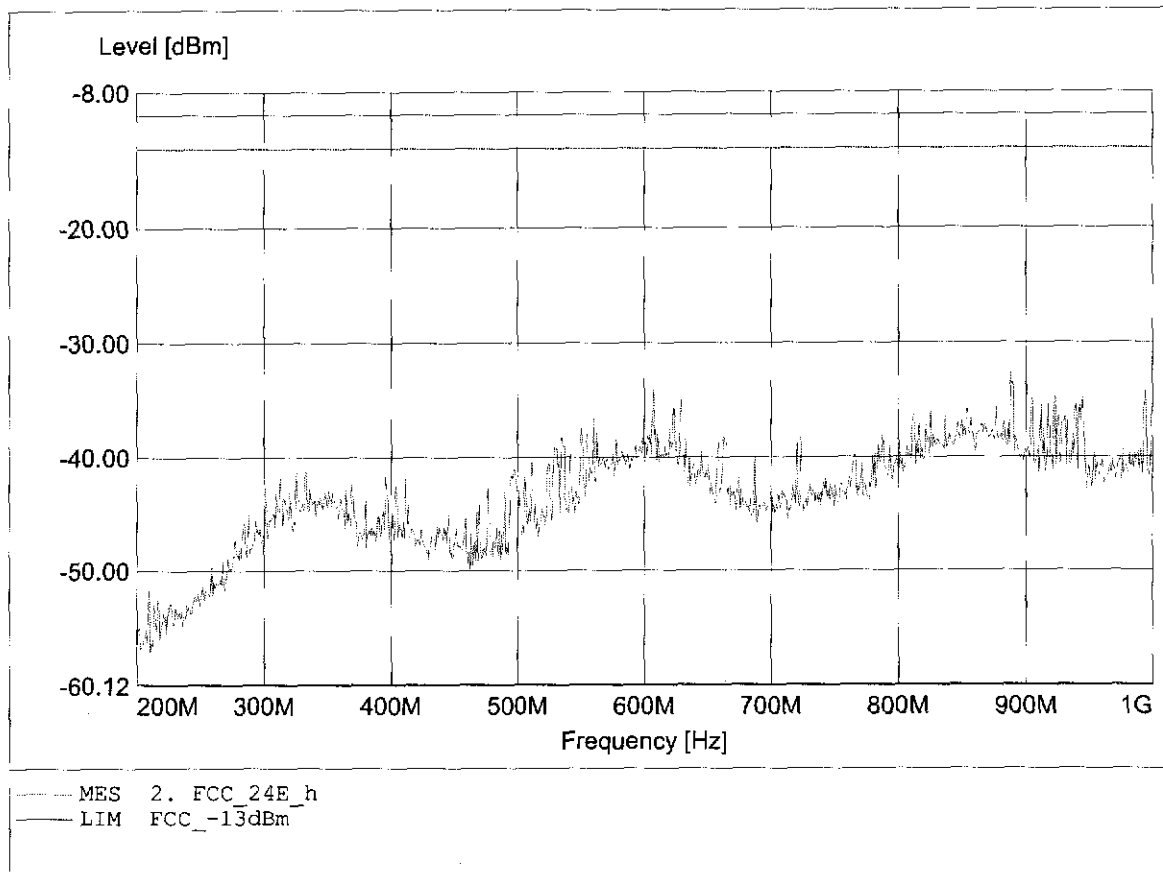
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 49.644MHz, Pmax: -45.95dBm, RBW: 1MHz



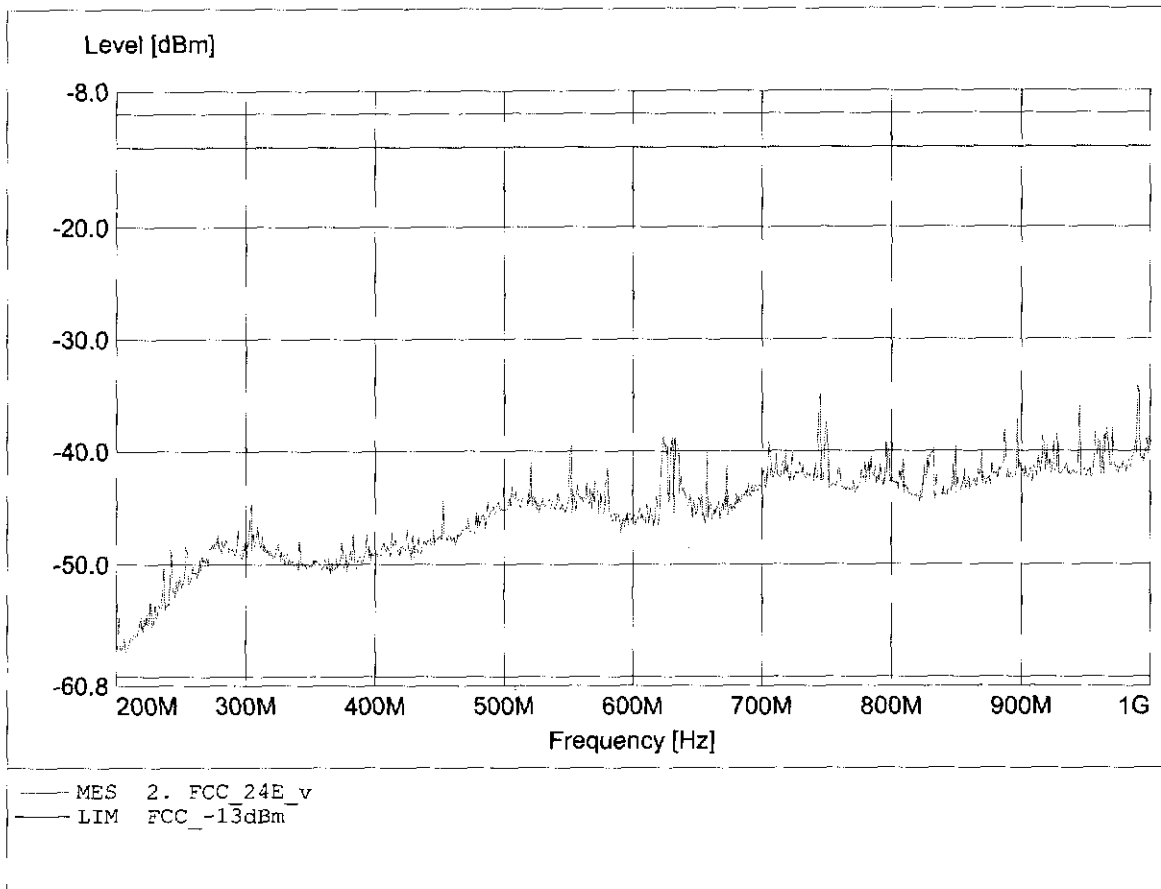
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 888.000MHz, Pmax: -32.60dBm, RBW: 1MHz



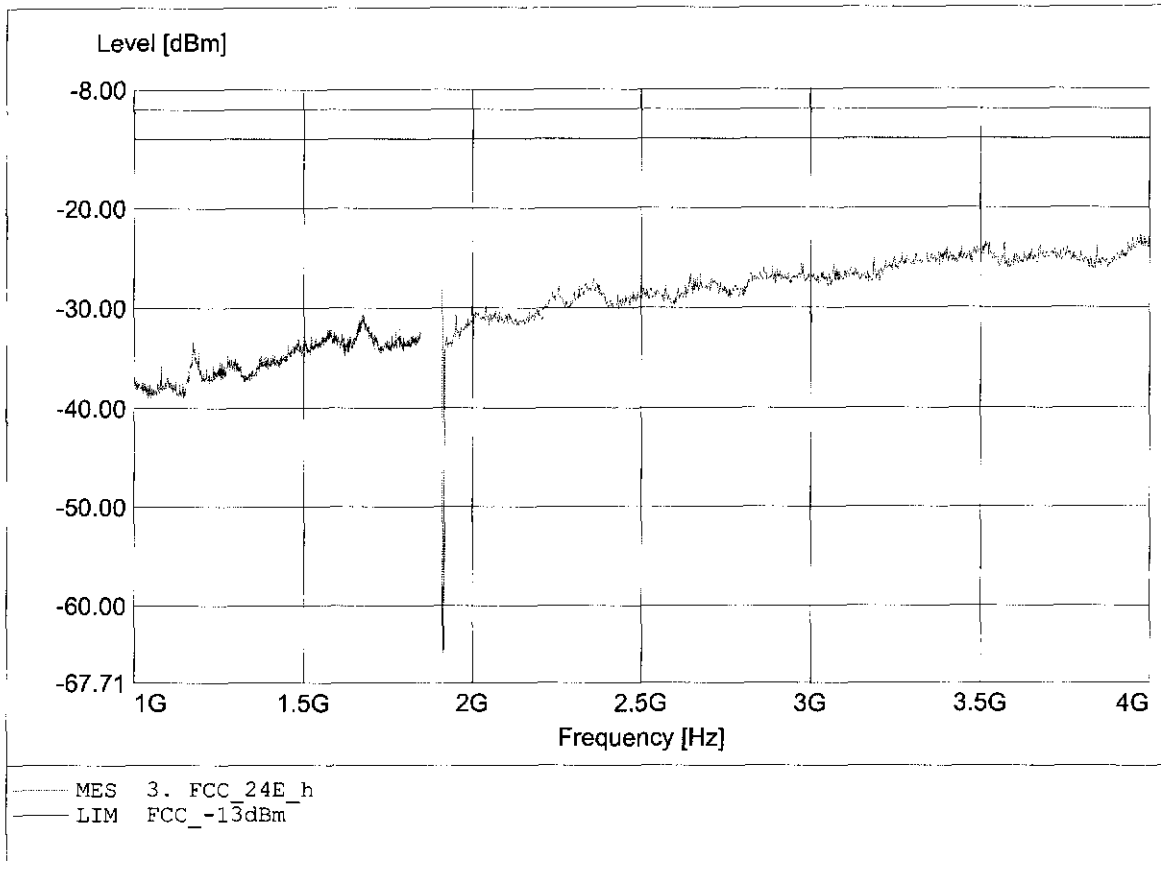
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 990.222MHz, Pmax: -34.23dBm, RBW: 1MHz



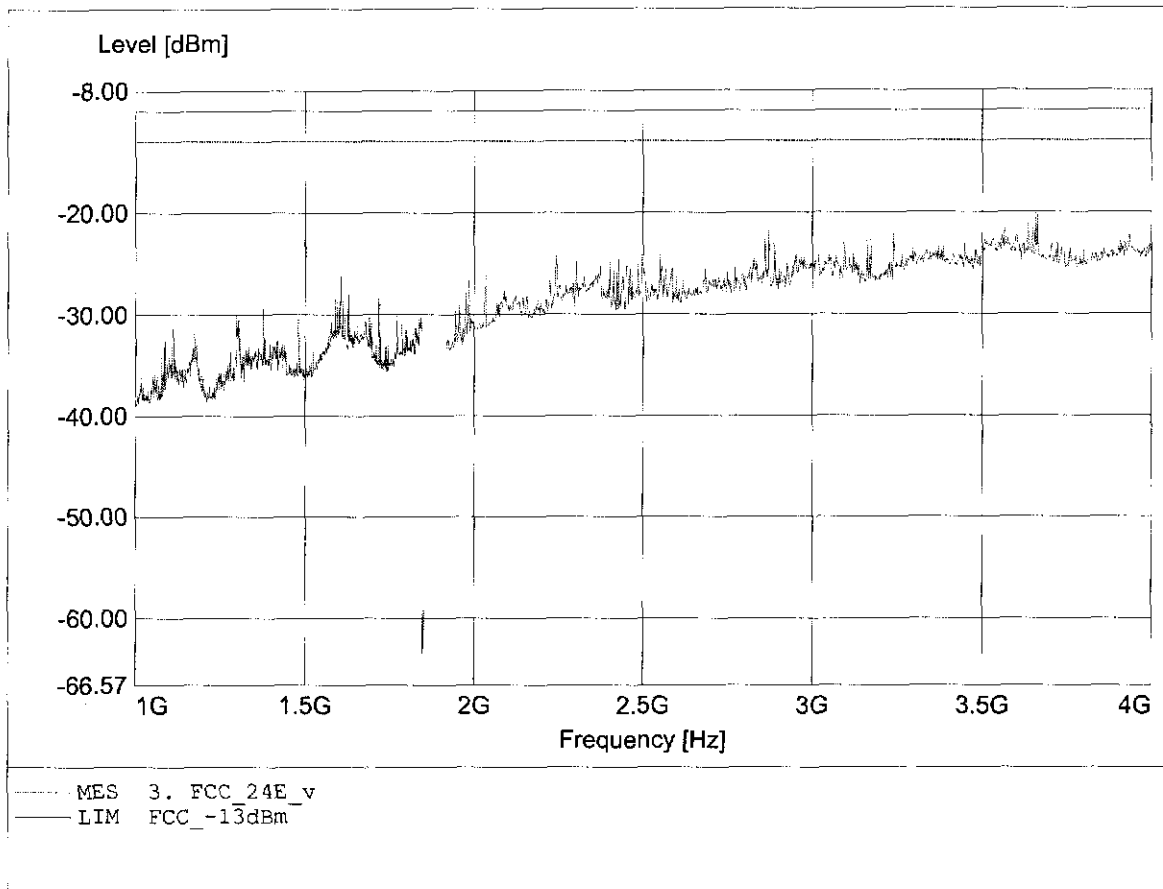
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.998GHz, Pmax: -22.65dBm, RBW: 1MHz/3kHz



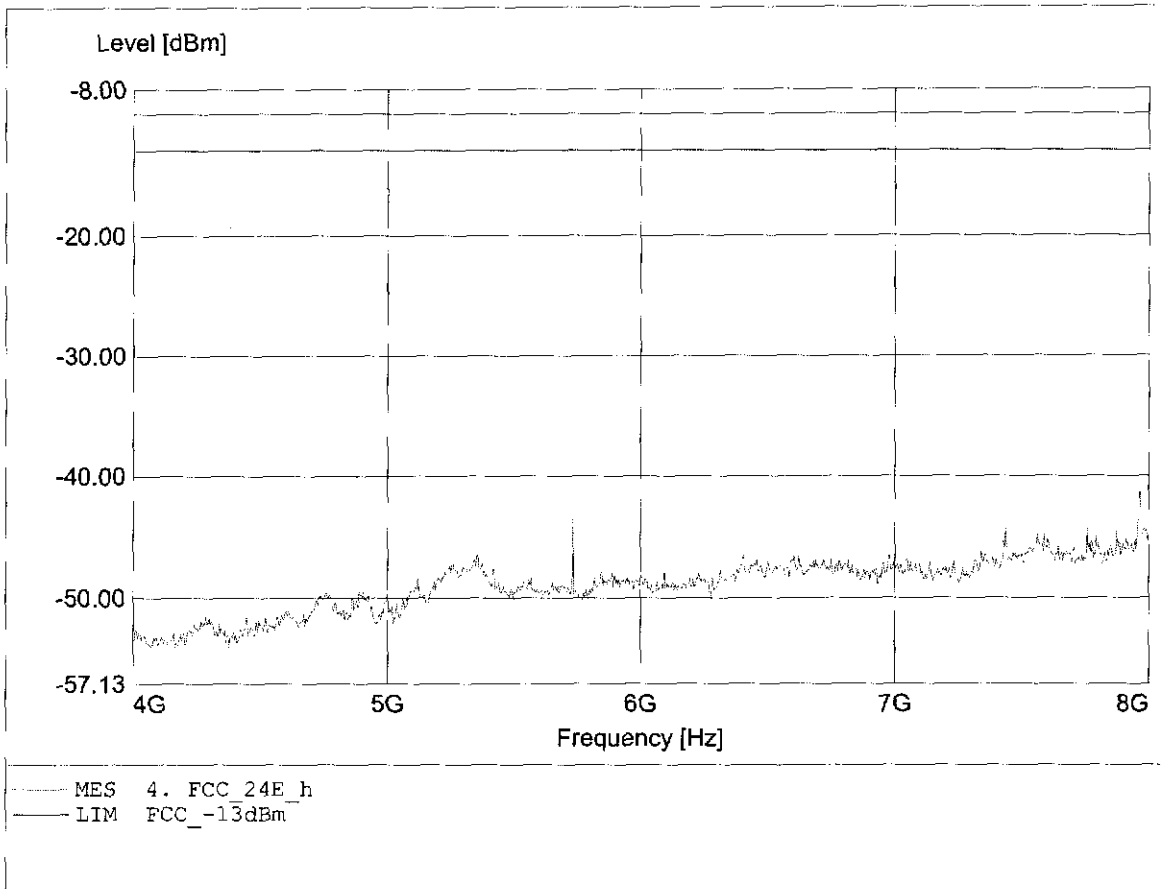
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.657GHz, Pmax: -19.93dBm, RBW: 1MHz/3kHz



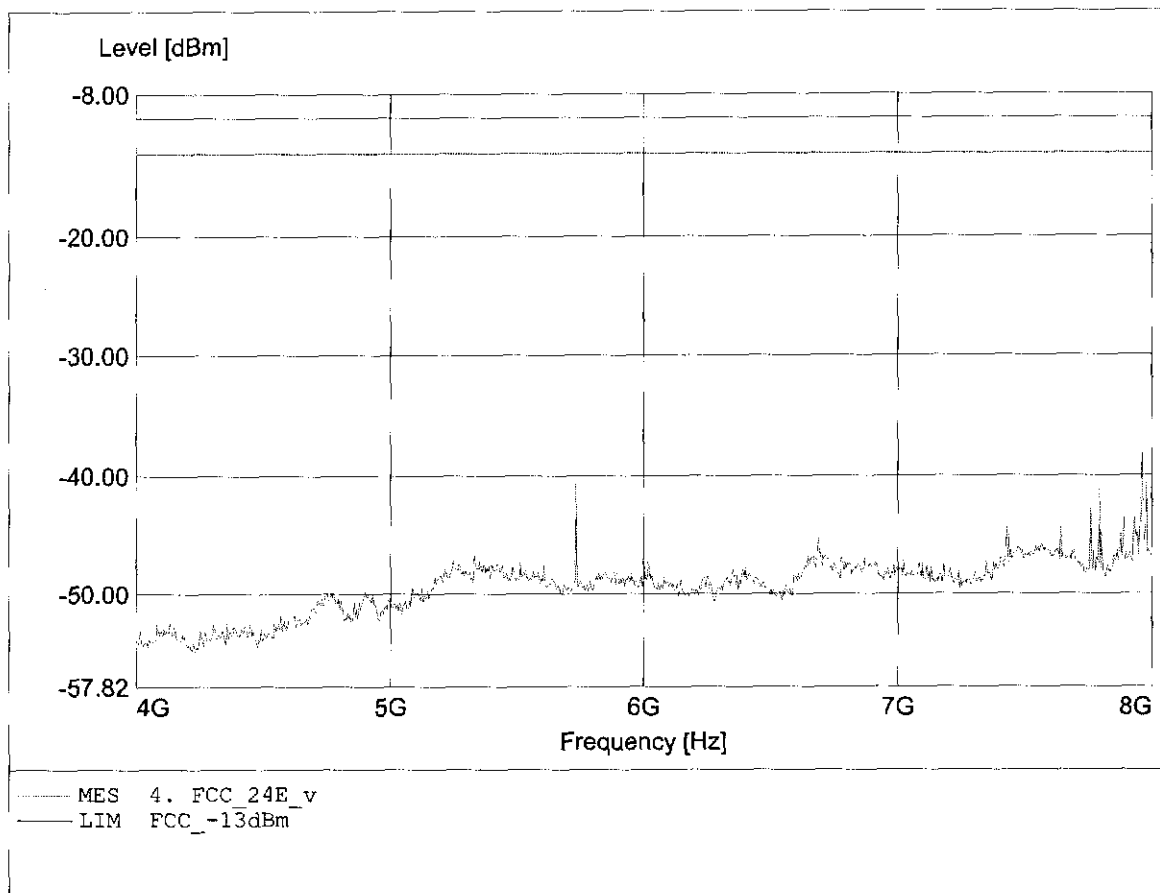
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.964GHz, Pmax: -41.33dBm, RBW: 1MHz



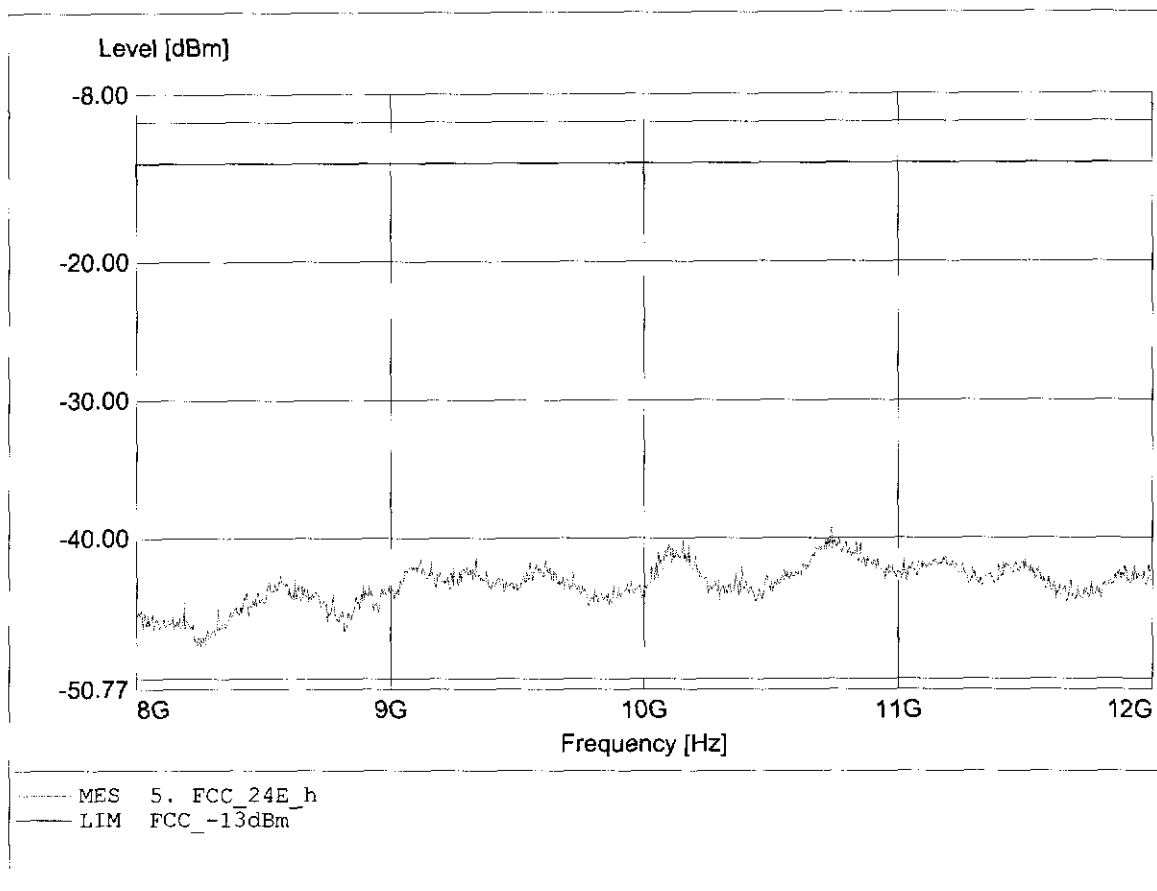
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.960GHz, Pmax: -38.12dBm, RBW: 1MHz



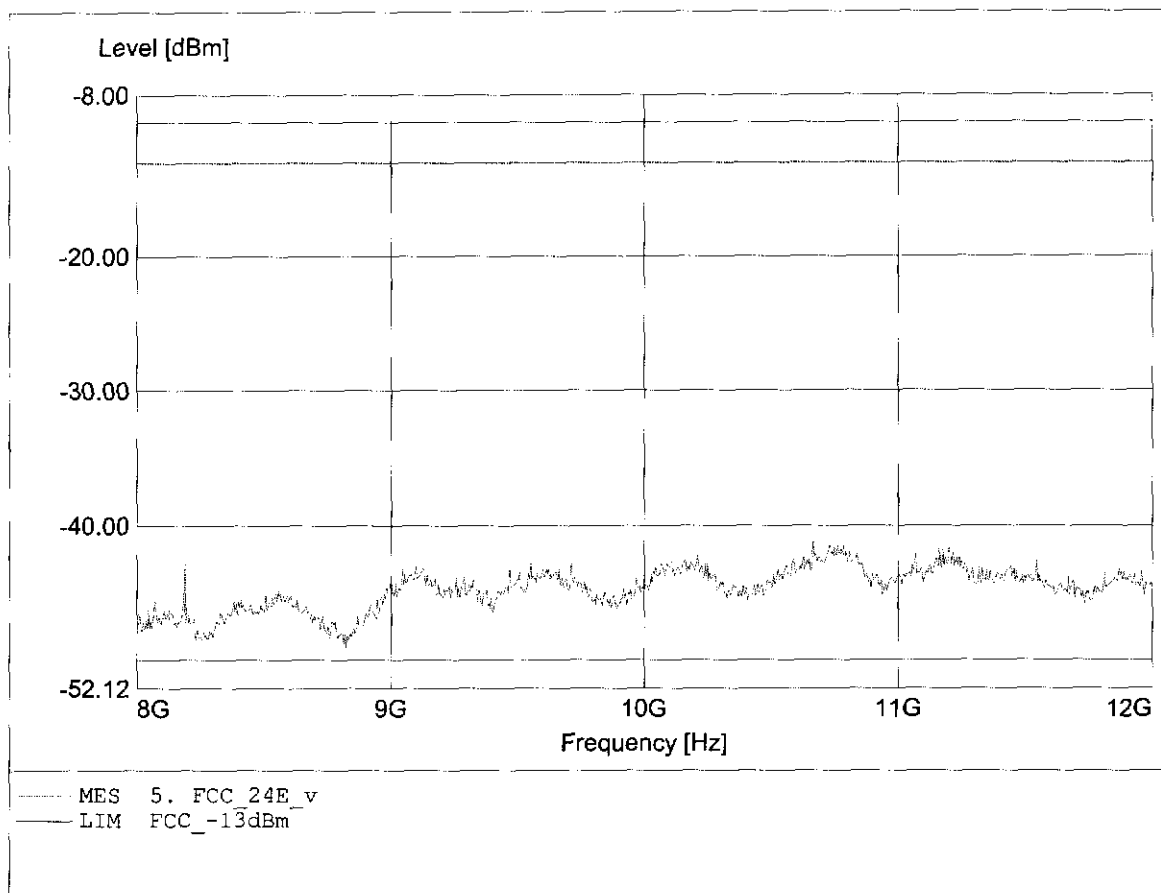
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.738GHz, Pmax: -39.33dBm, RBW: 1MHz



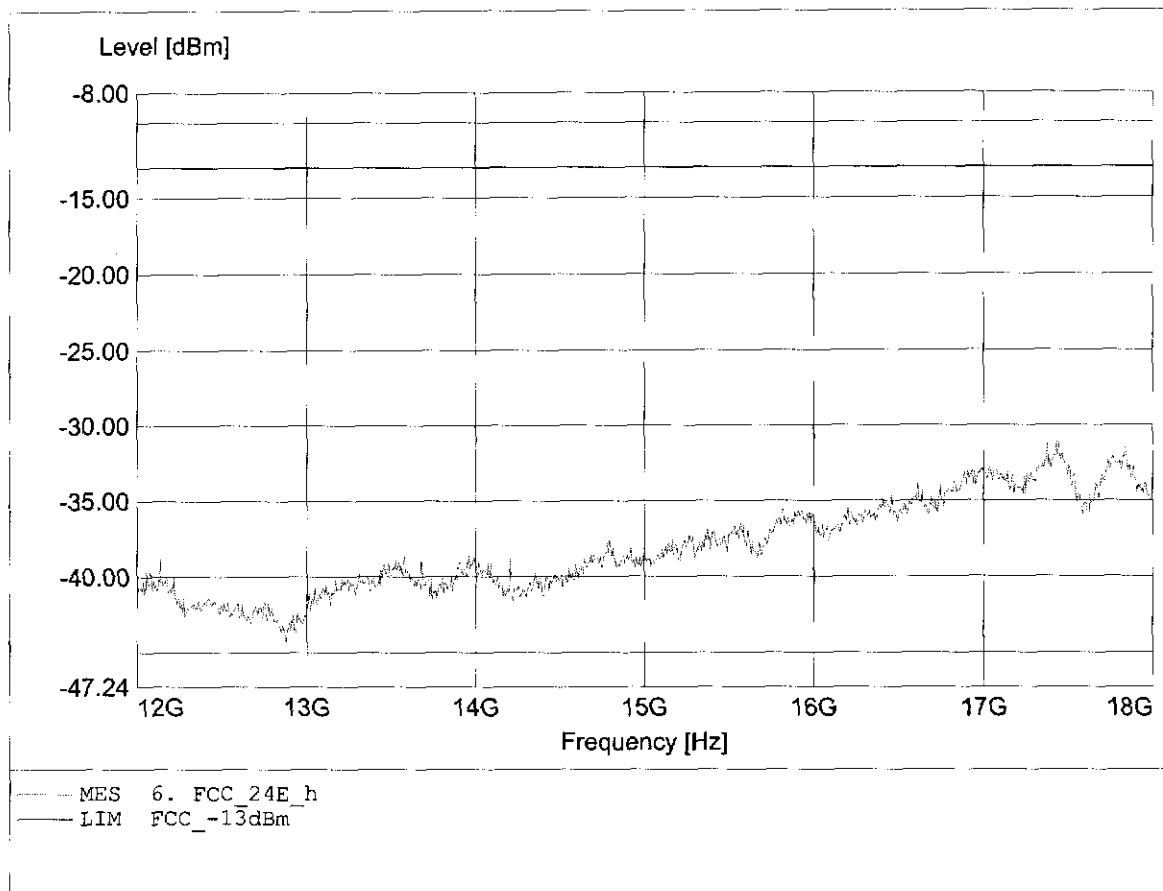
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.667GHz, Pmax: -40.94dBm, RBW: 1MHz



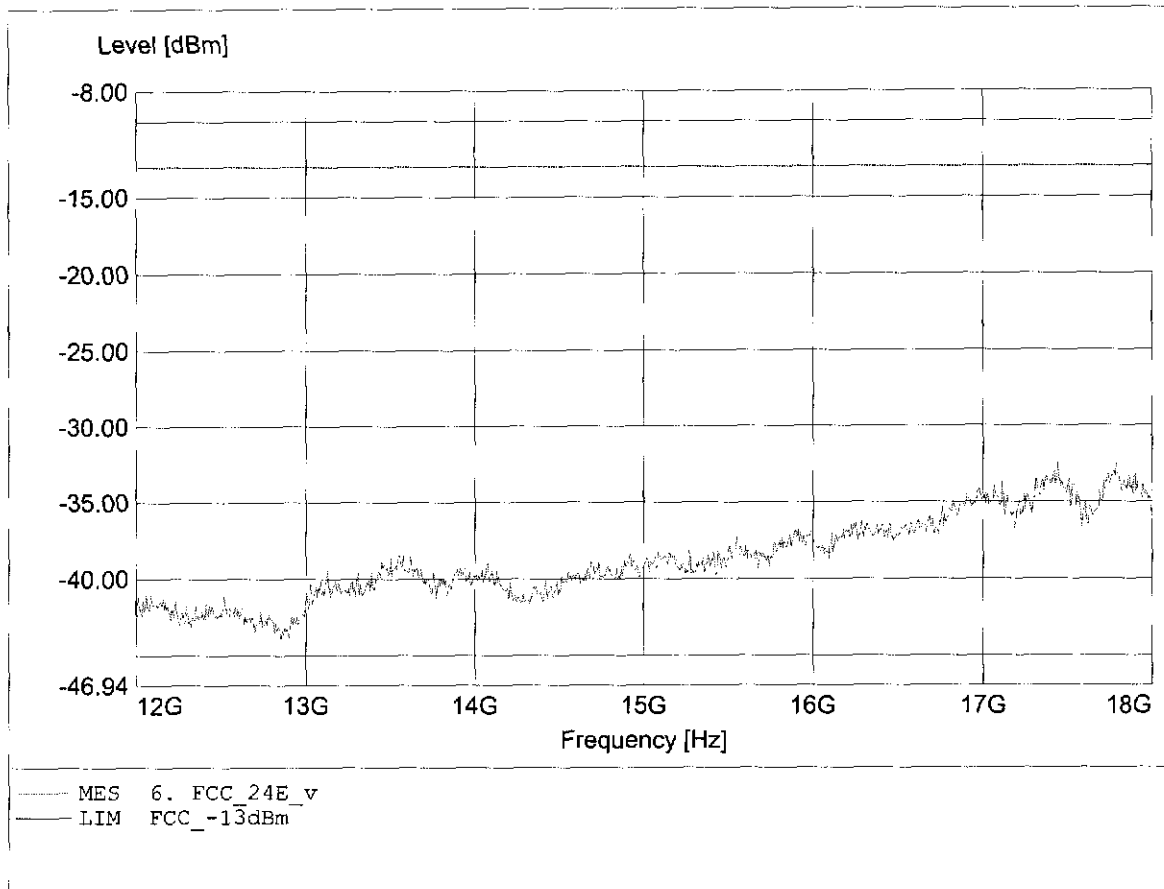
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -31.08dBm, RBW: 1MHz



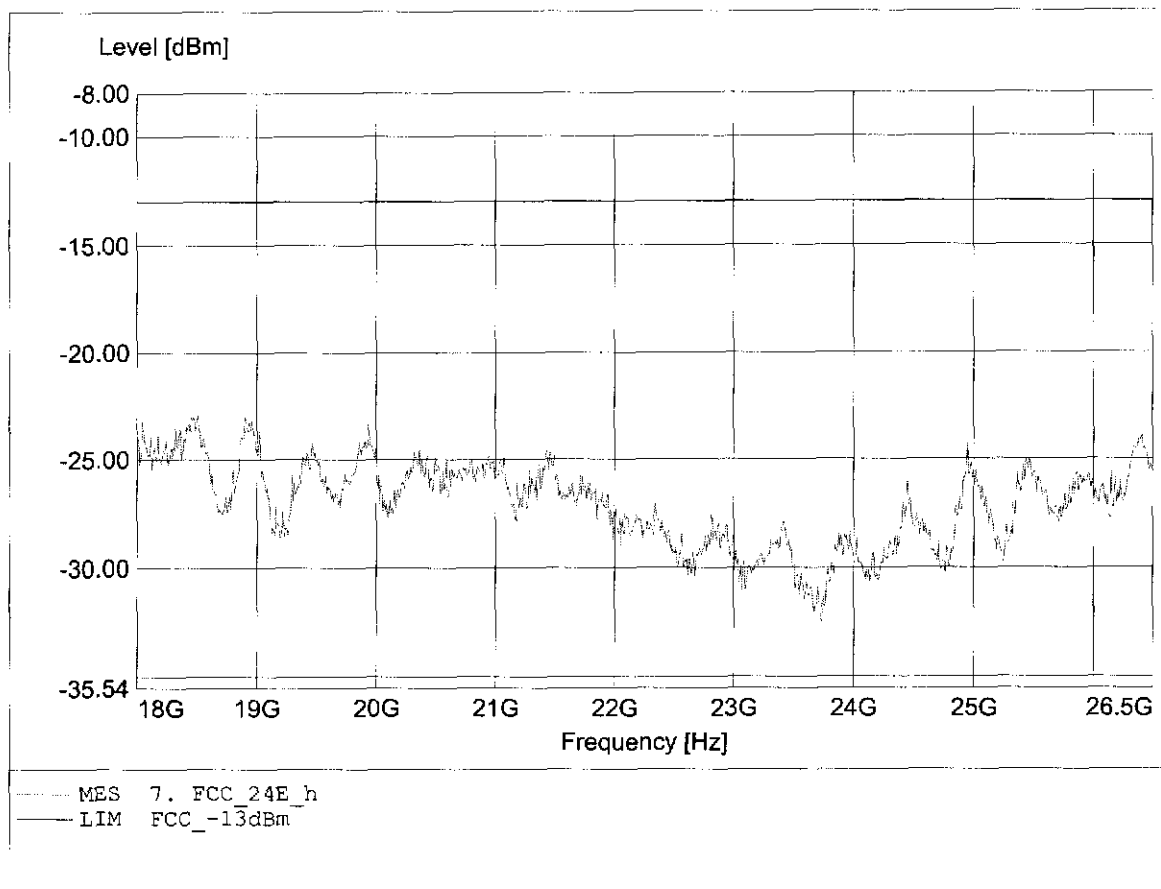
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.440GHz, Pmax: -32.45dBm, RBW: 1MHz



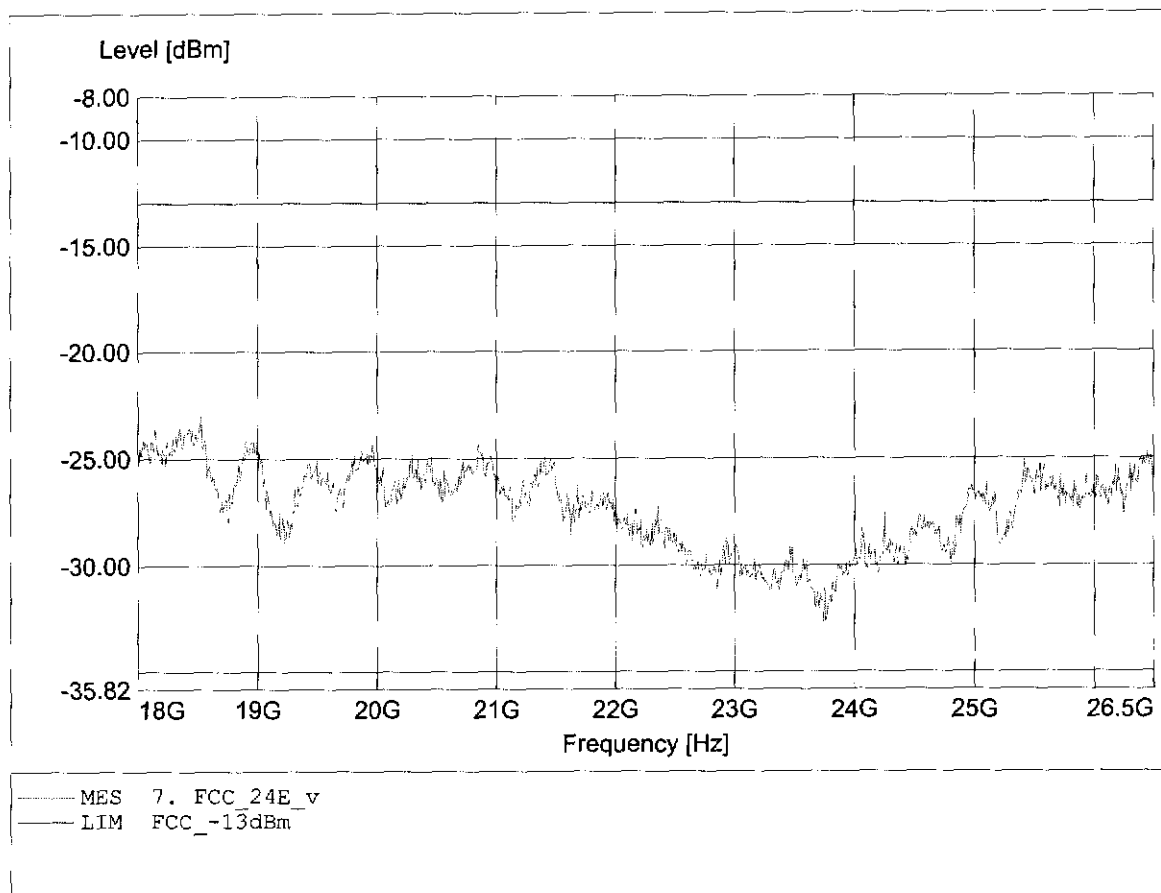
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.510GHz, Pmax: -22.92dBm, RBW: 1MHz



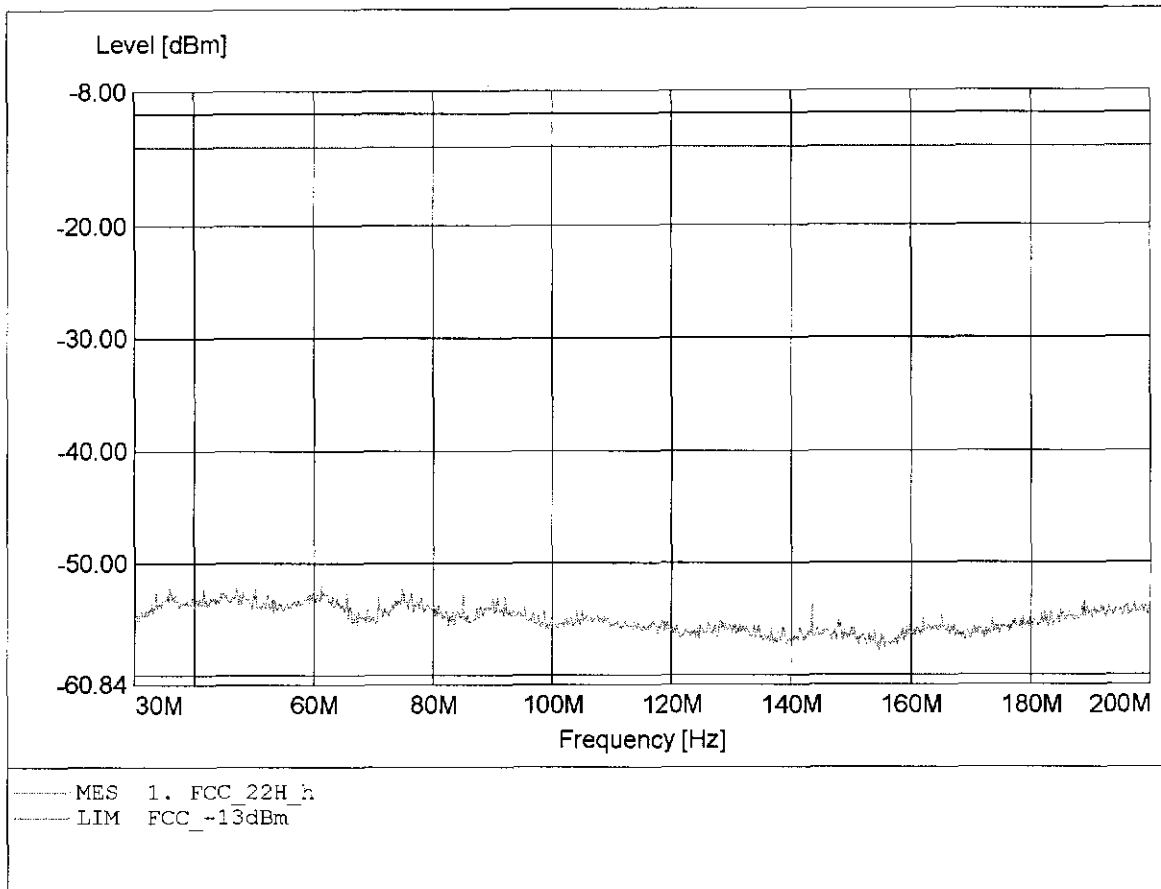
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 810
Test Site / Operator: ETS / Mr. Pudell
Temperature / Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.519GHz, Pmax: -22.98dBm, RBW: 1MHz



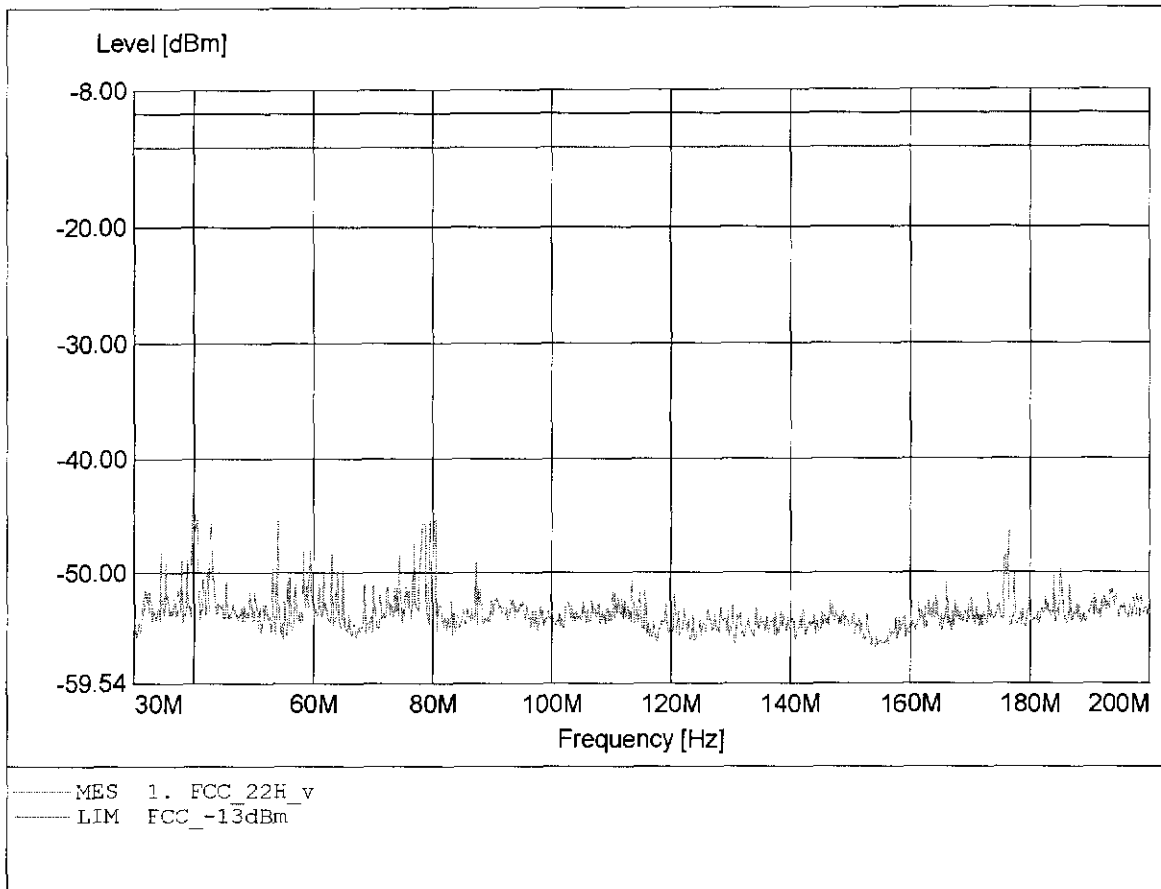
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 61.167MHz, Pmax: -52.10dBm, RBW: 1MHz



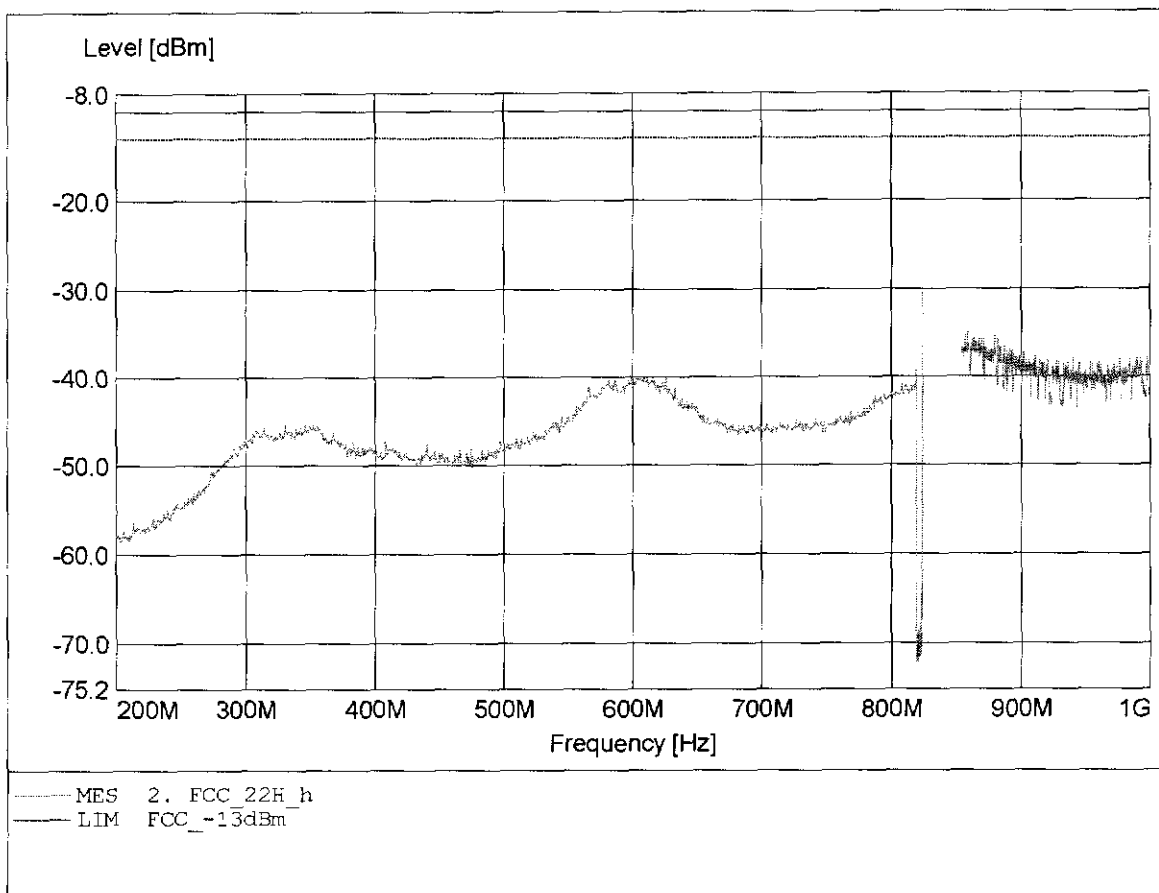
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 39.633MHz, Pmax: -44.79dBm, RBW: 1MHz



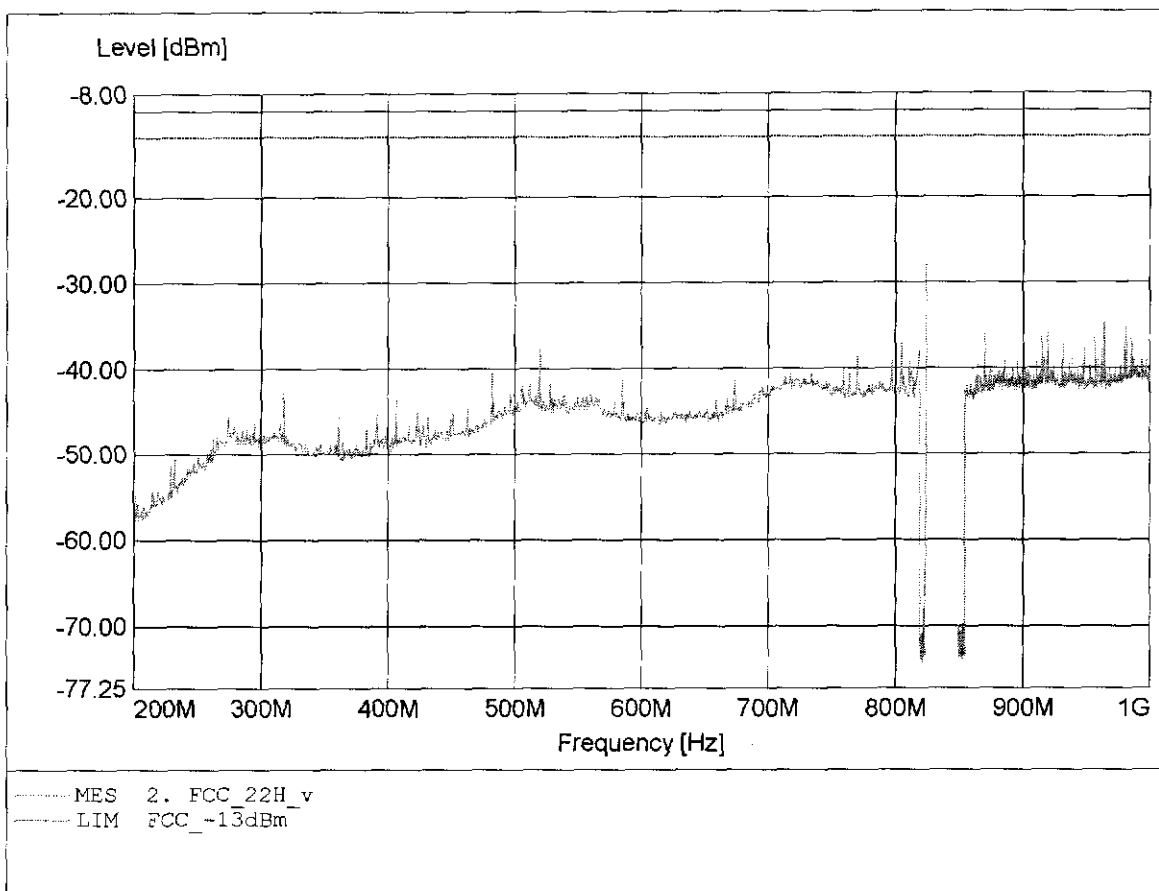
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: BTS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 824.000MHz, Pmax: -30.55dBm, RBW: 1MHz



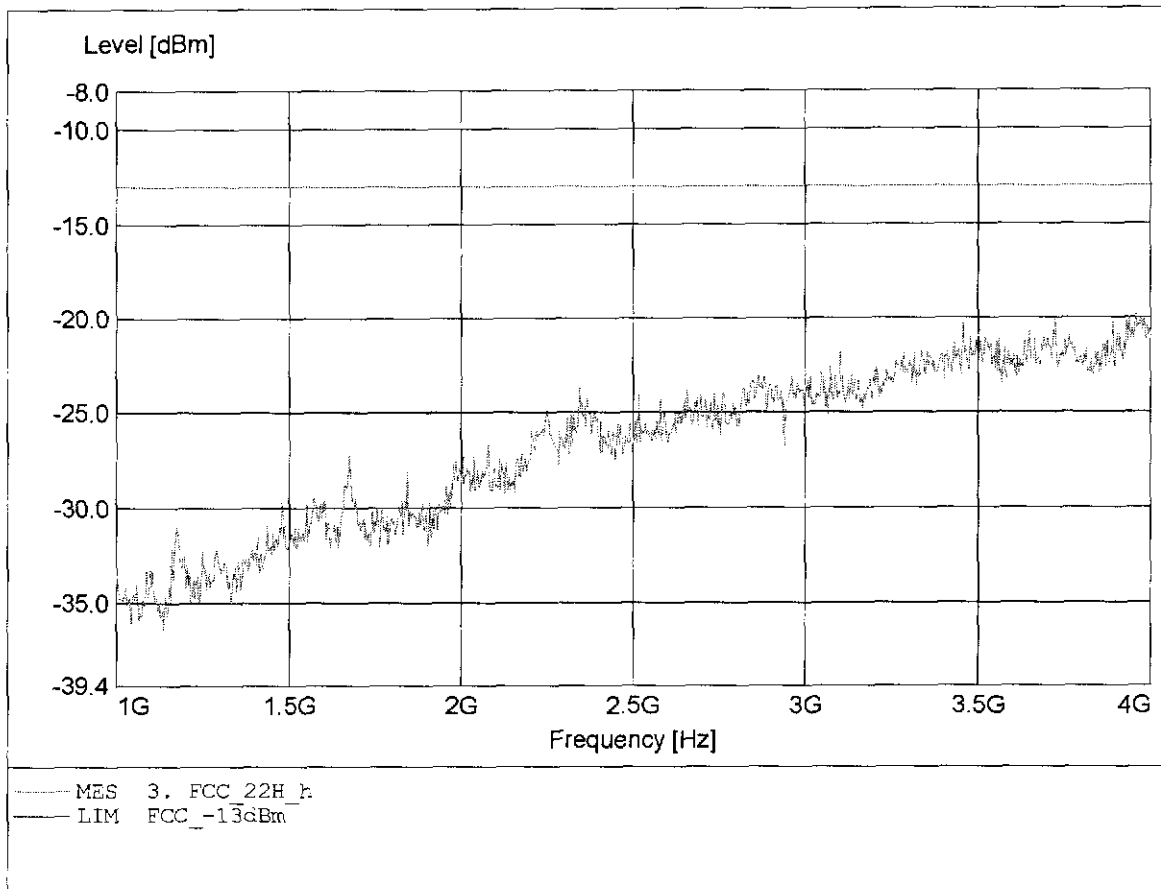
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.994MHz, Pmax: -27.86dBm, RBW: 1MHz



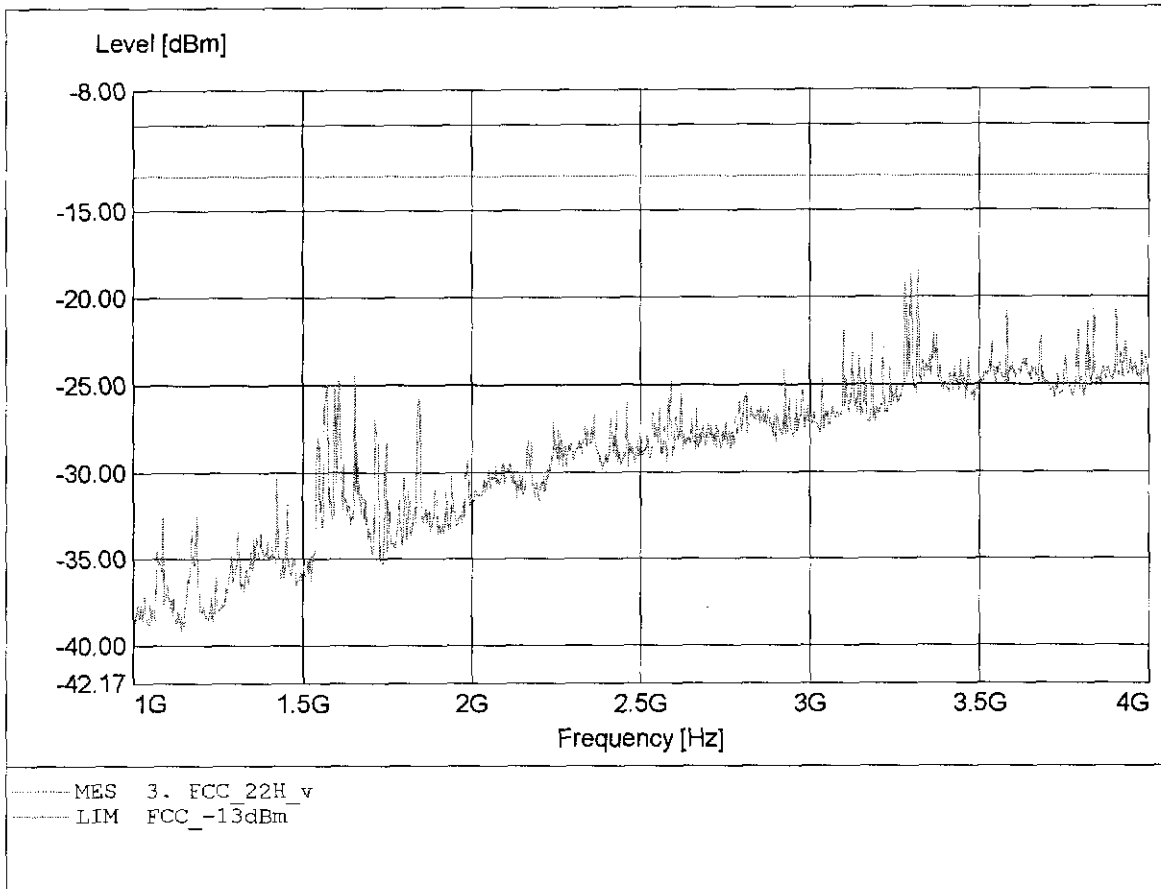
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.957GHz, Pmax: -19.83dBm, RBW: 1MHz



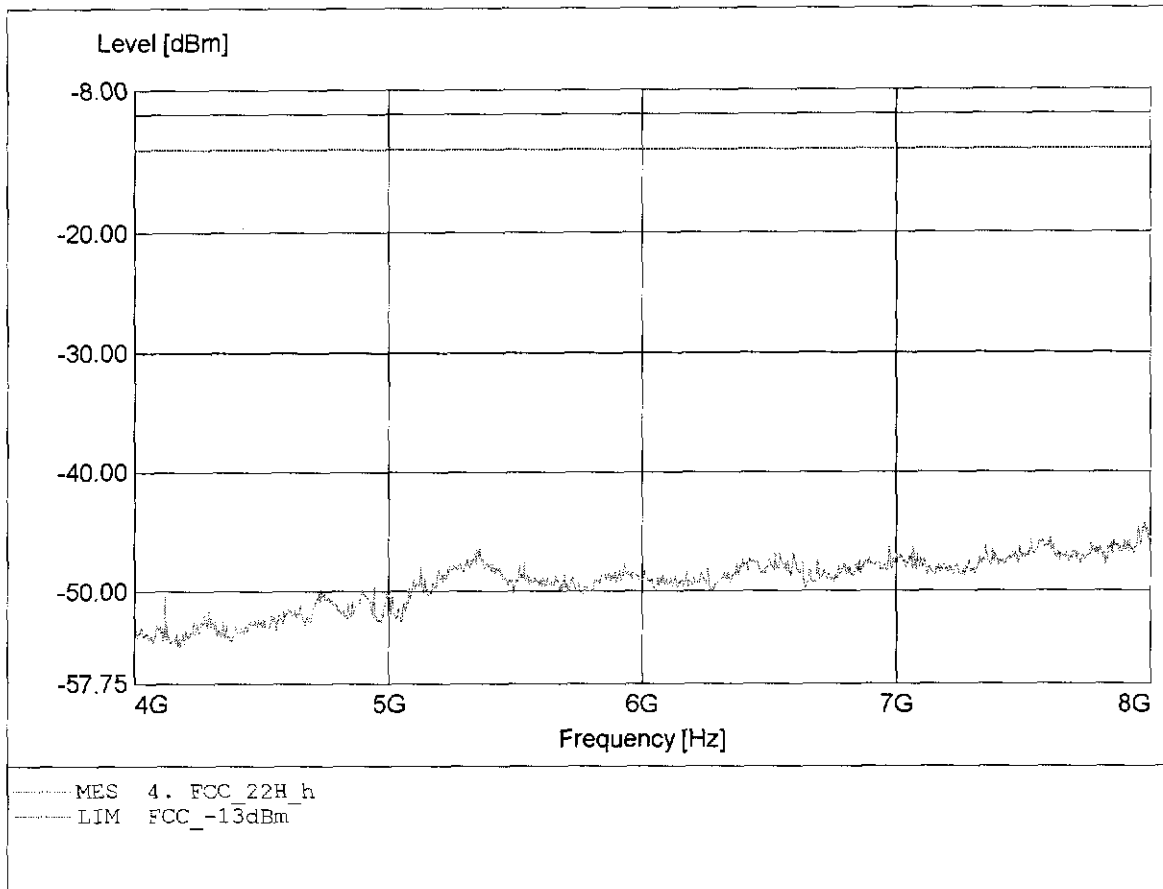
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.320GHz, Pmax: -18.47dBm, RBW: 1MHz



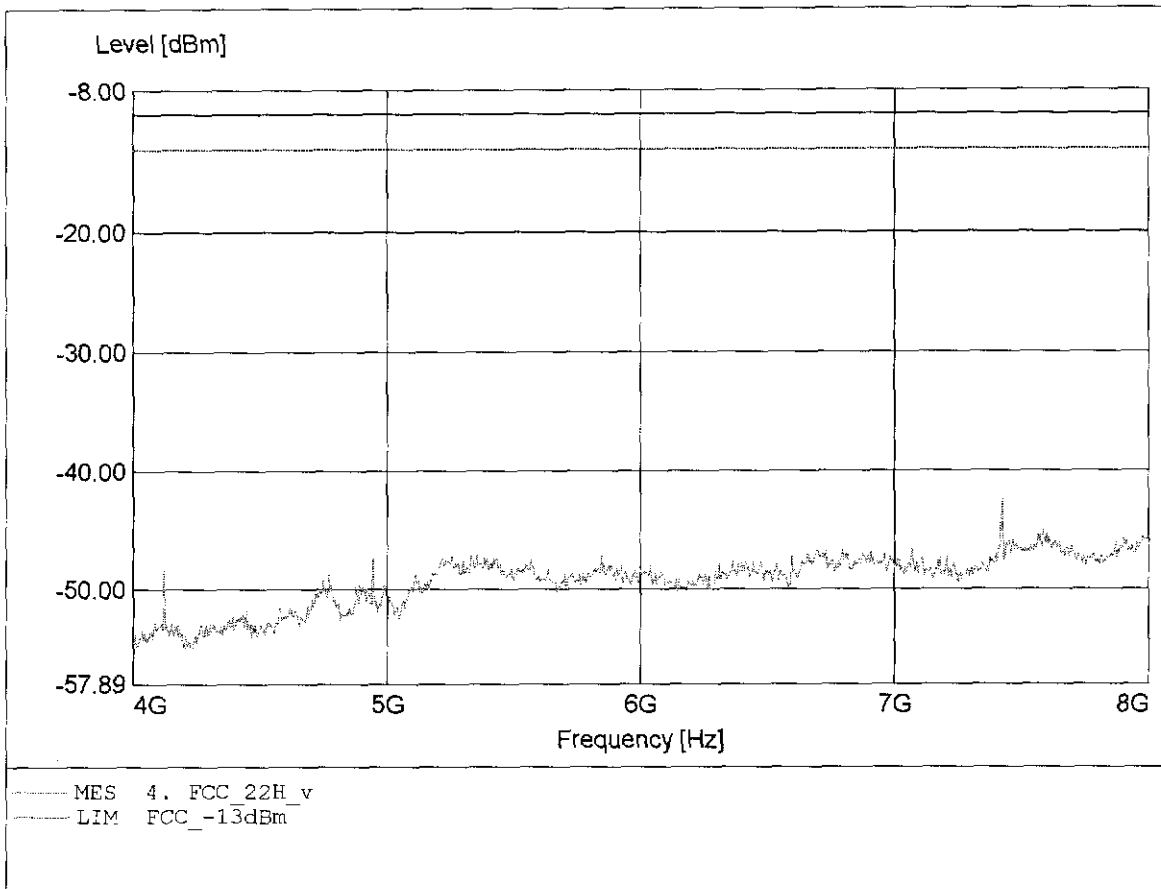
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.978GHz, Pmax: -44.16dBm, RBW: 1MHz



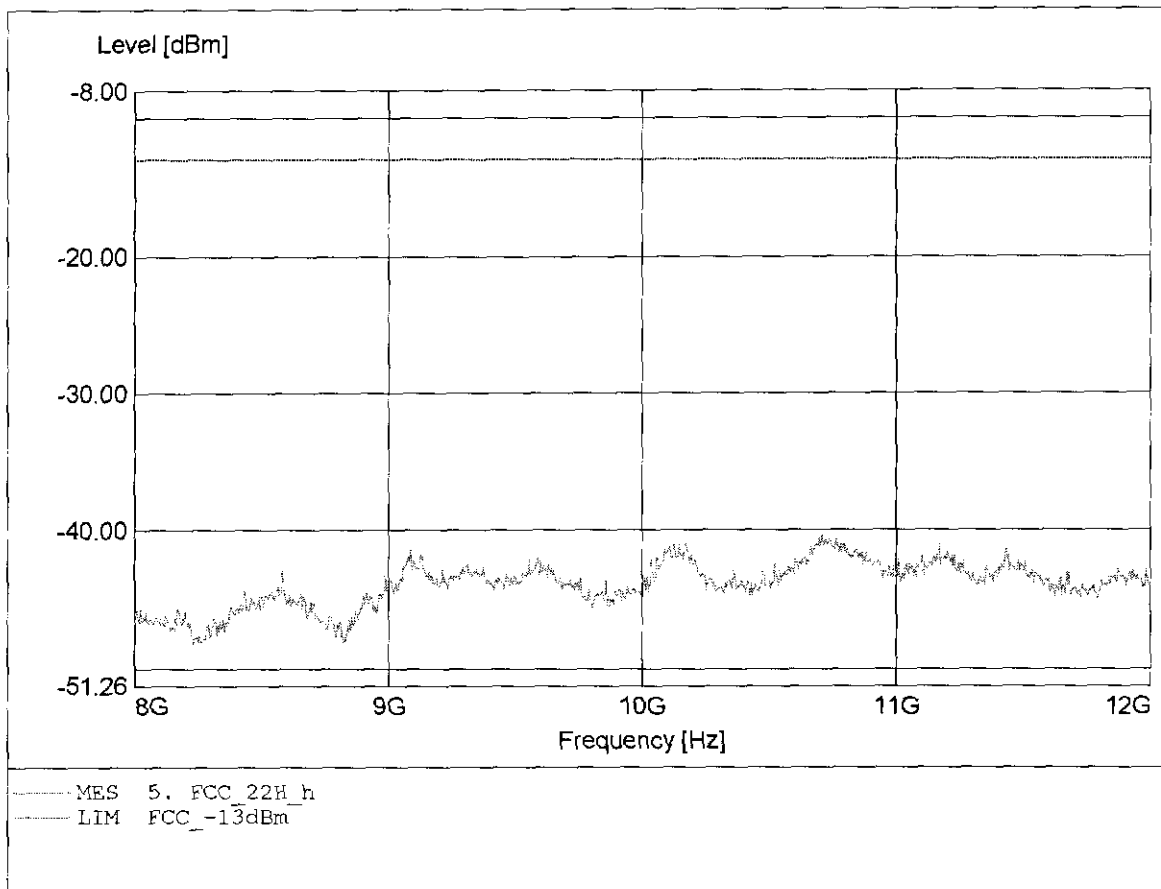
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.422GHz, Pmax: -42.41dBm, RBW: 1MHz



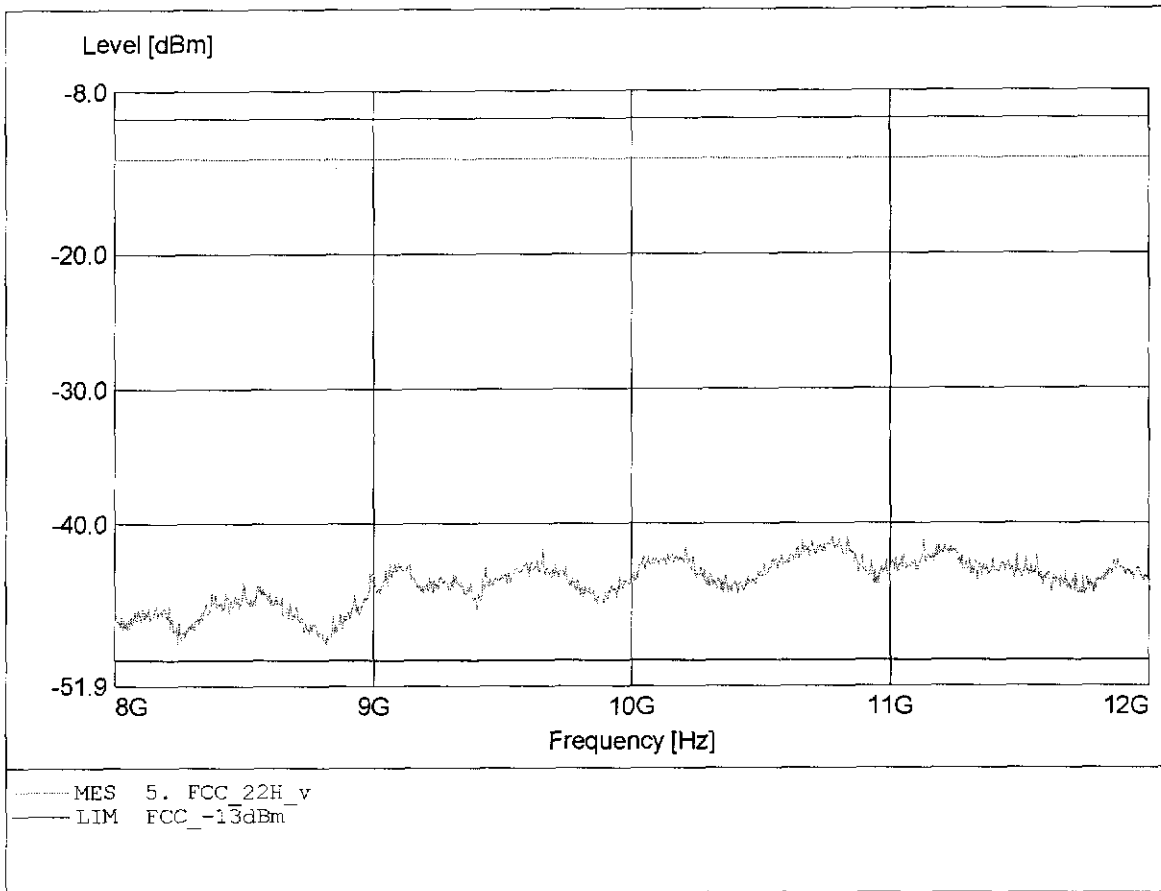
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.707GHz, Pmax: -40.38dBm, RBW: 1MHz



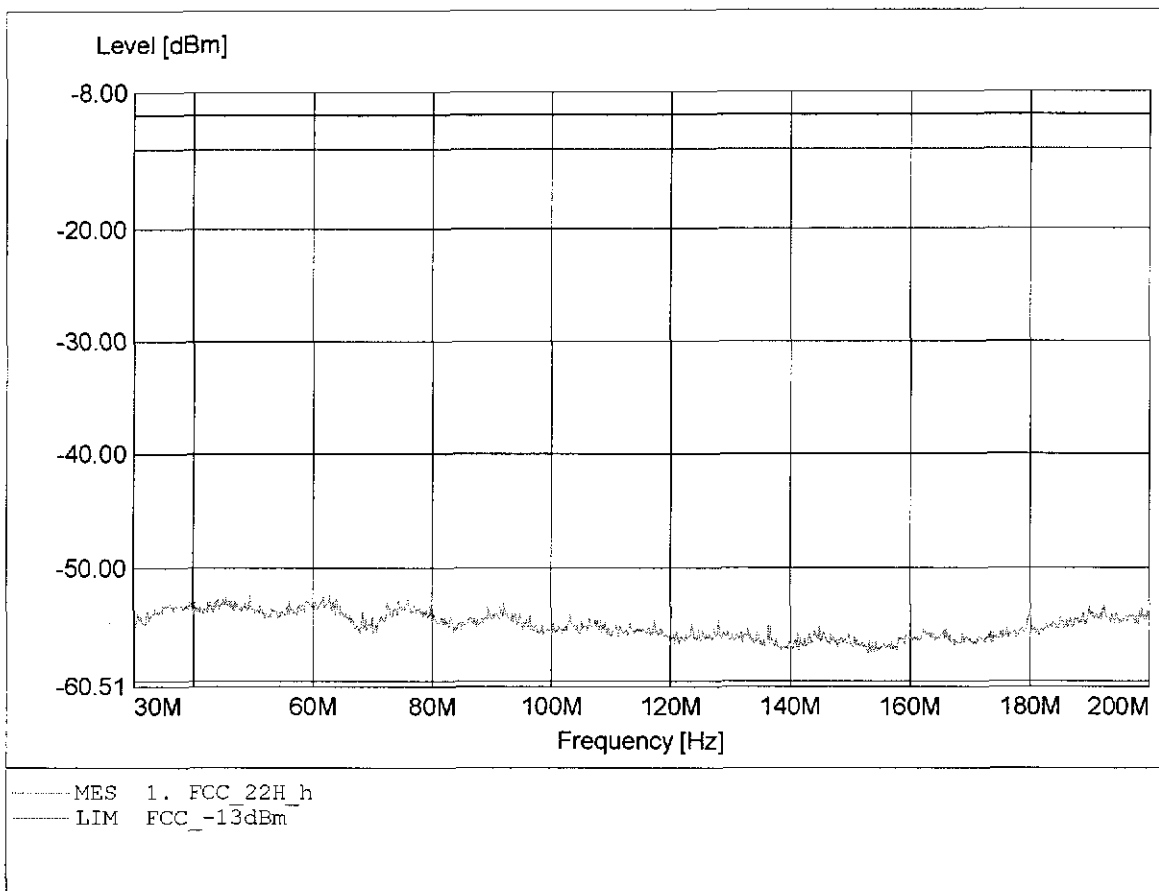
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 128
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.778GHz, Pmax: -40.98dBm, RBW: 1MHz



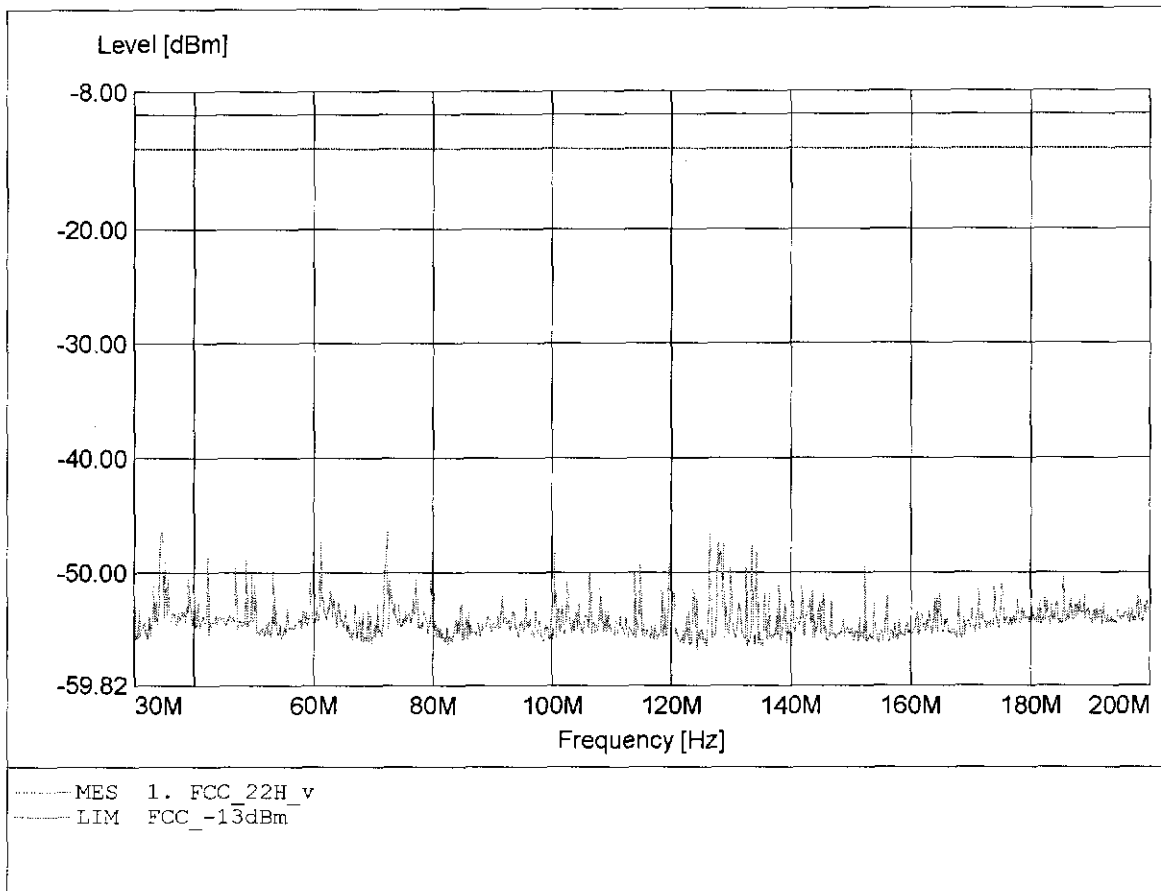
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 62.867MHz, Pmax: -52.42dBm, RBW: 1MHz



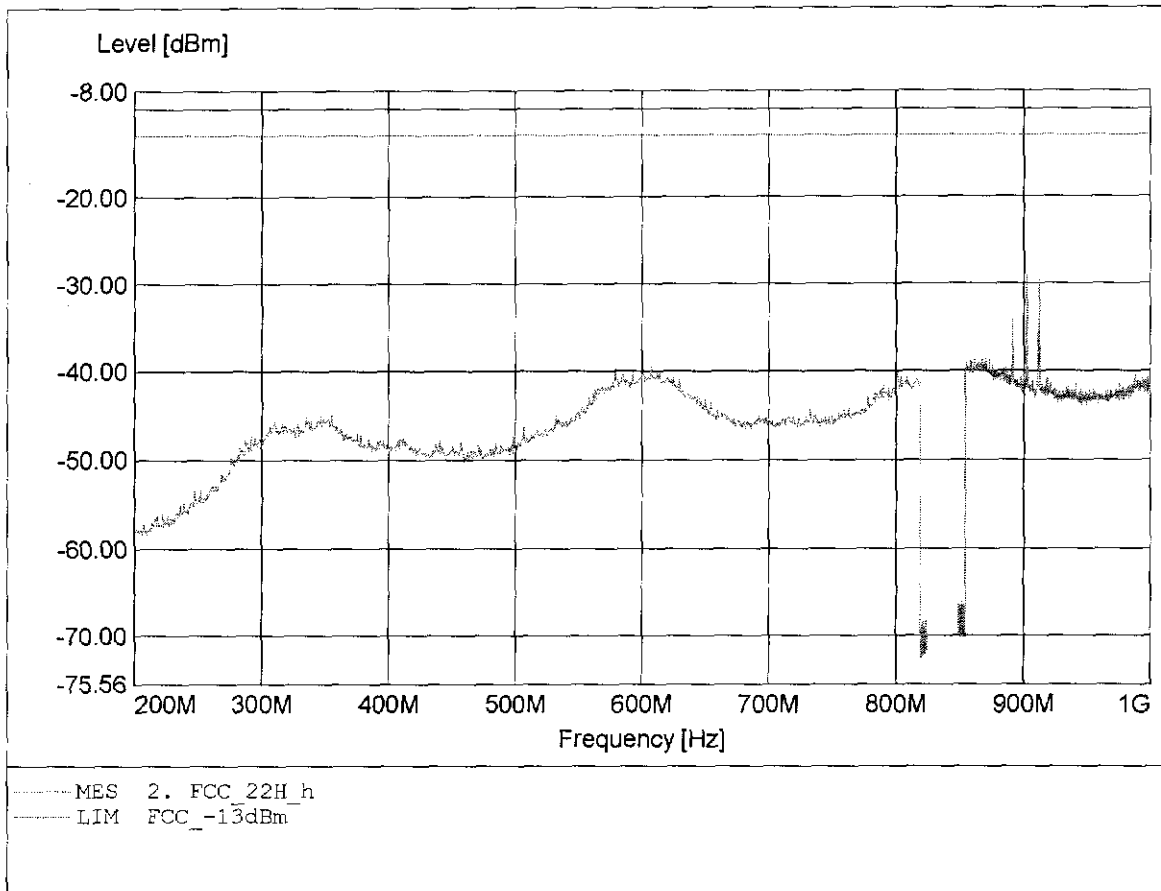
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 72.311MHz, Pmax: -46.45dBm, RBW: 1MHz



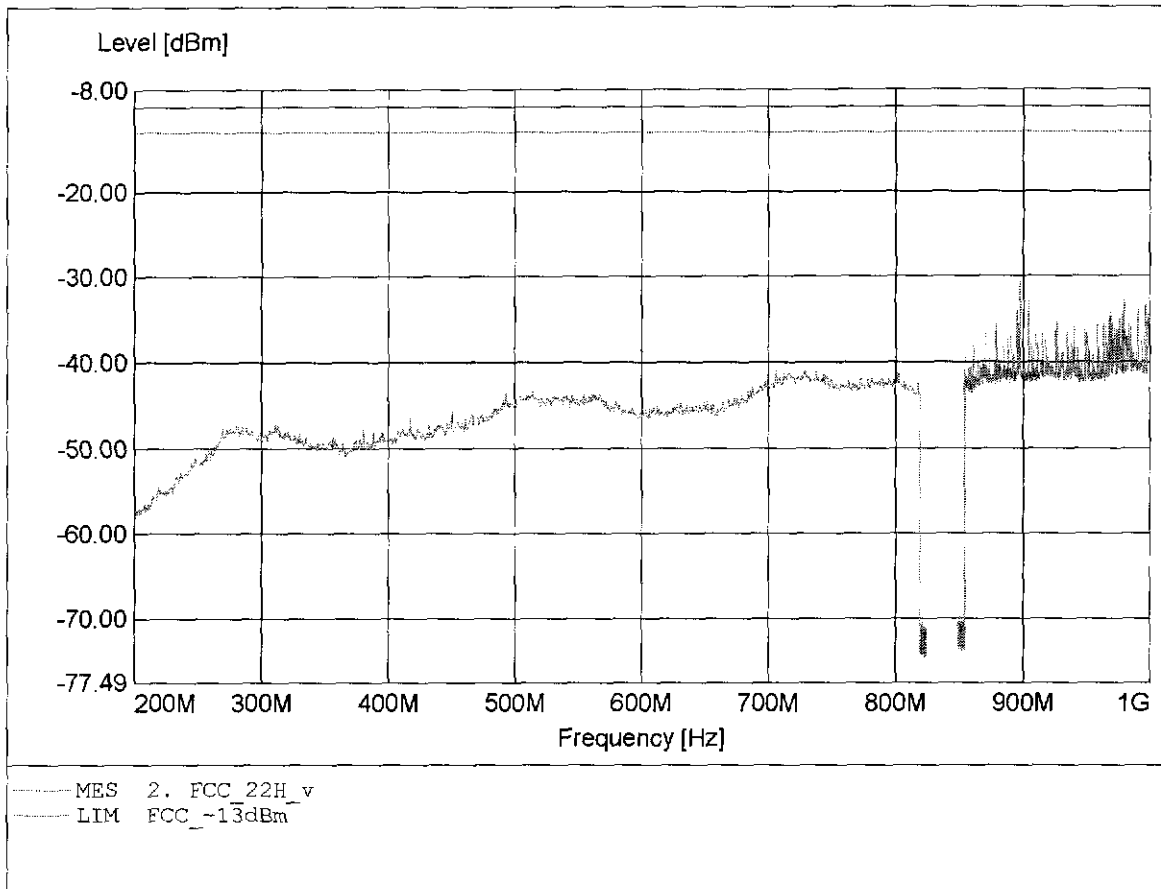
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 902.180MHz, Pmax: -29.08dBm, RBW: 1MHz



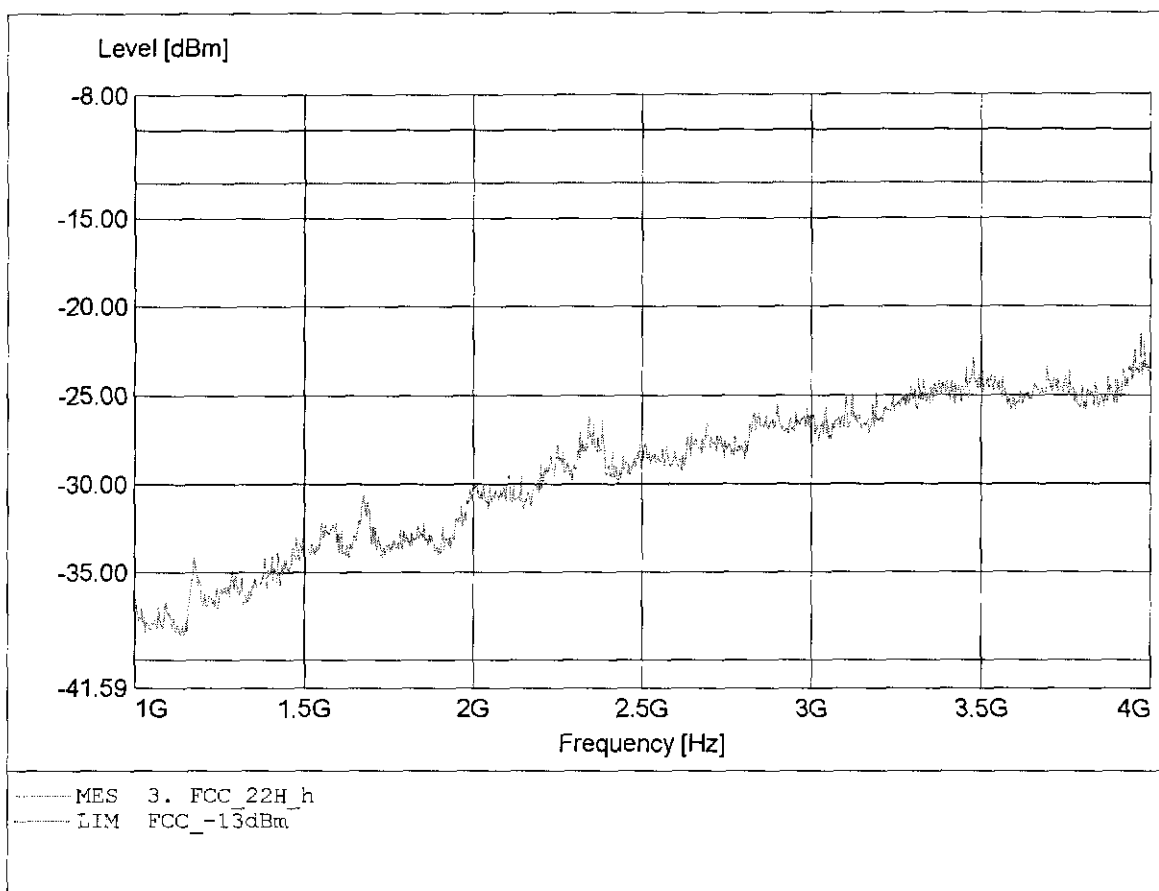
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 897.476MHz, Pmax: -30.72dBm, RBW: 1MHz



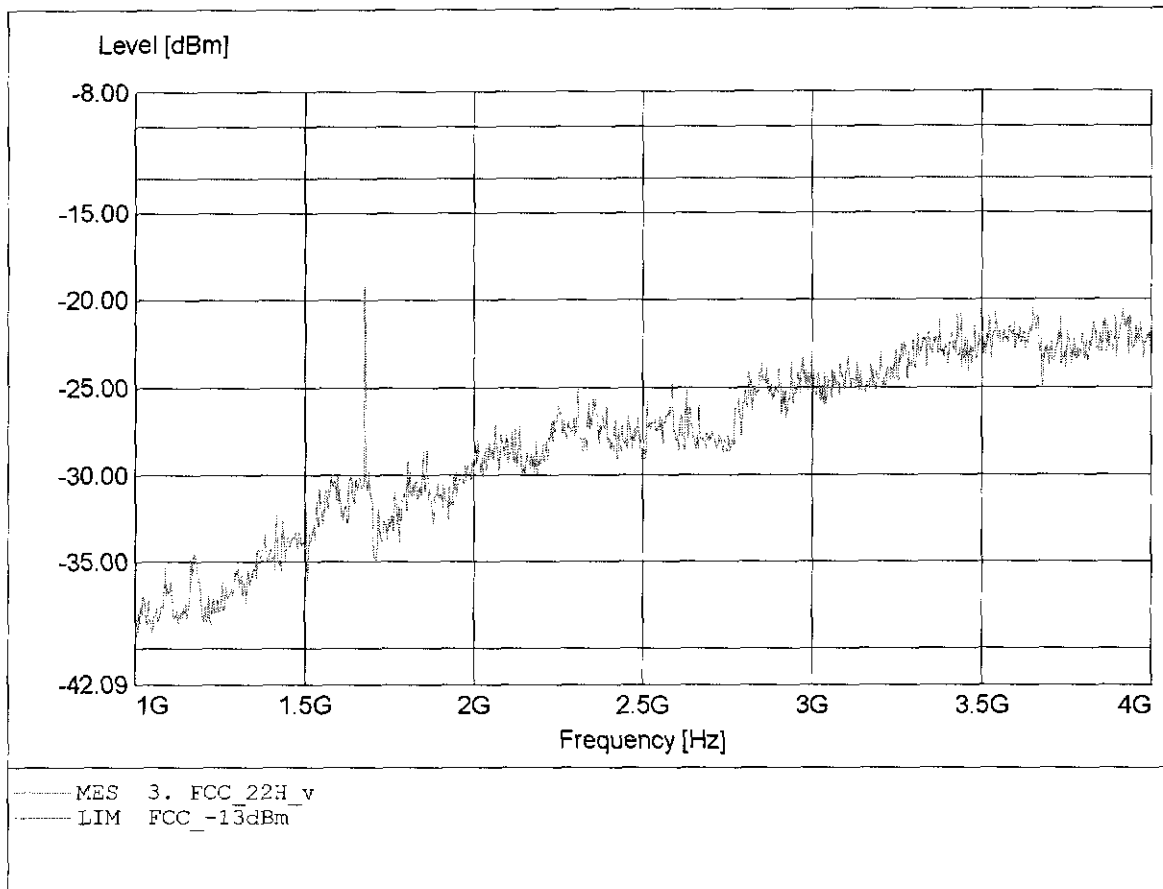
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.970GHz, Pmax: -21.56dBm, RBW: 1MHz



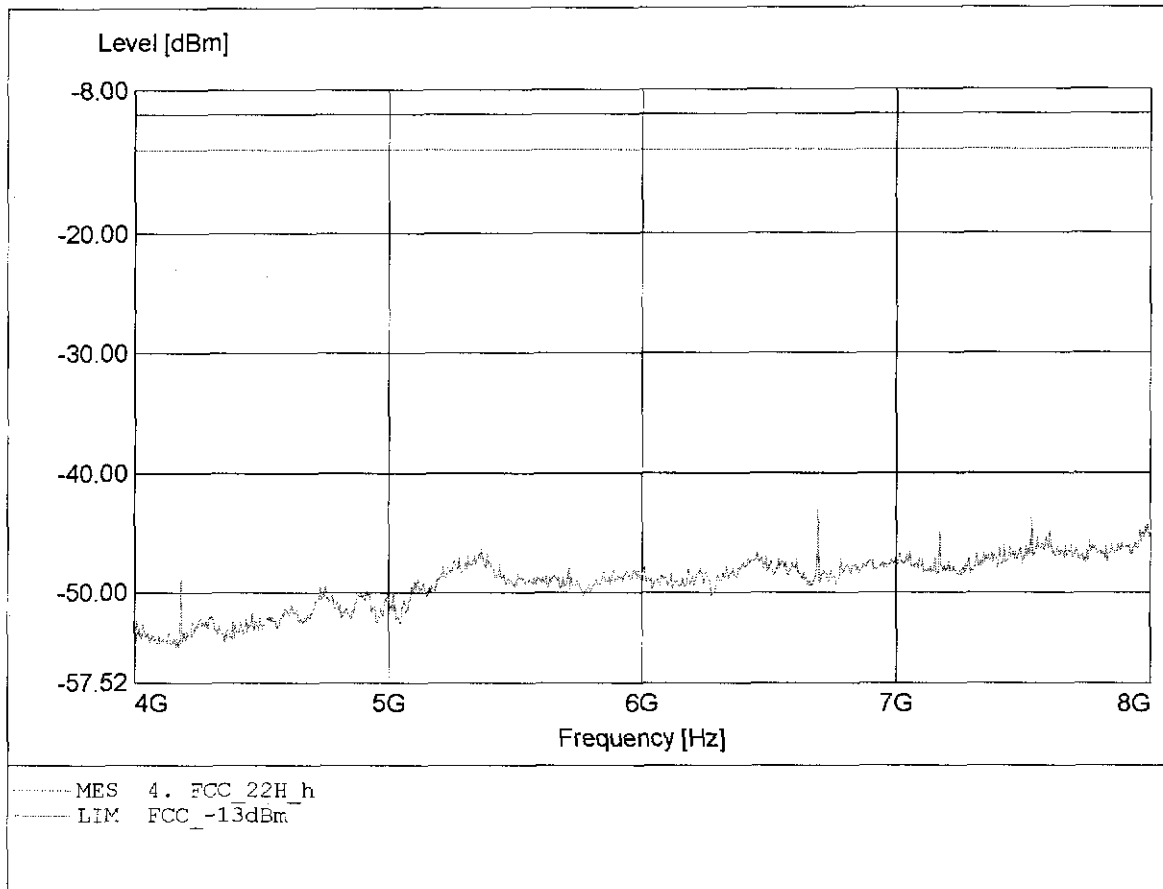
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -18.31dBm, RBW: 1MHz



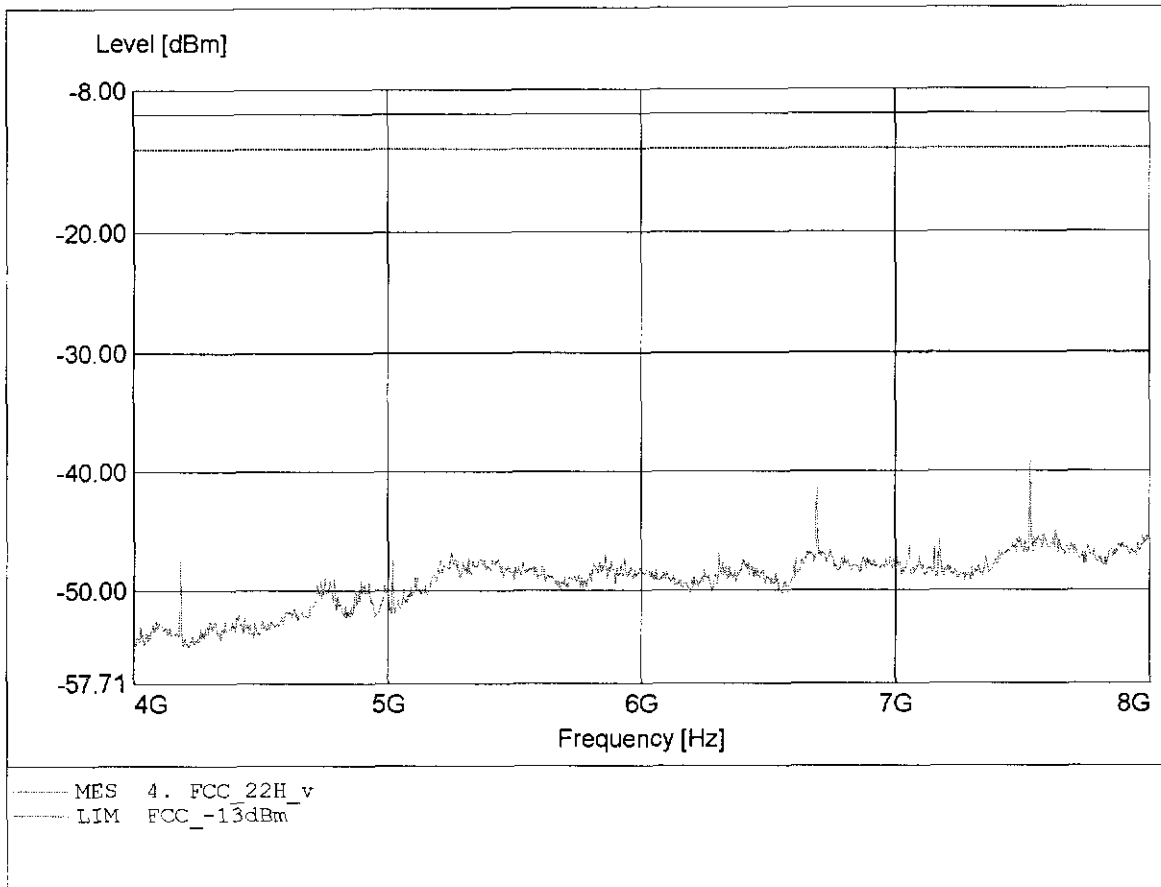
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.693GHz, Pmax: -43.05dBm, RBW: 1MHz



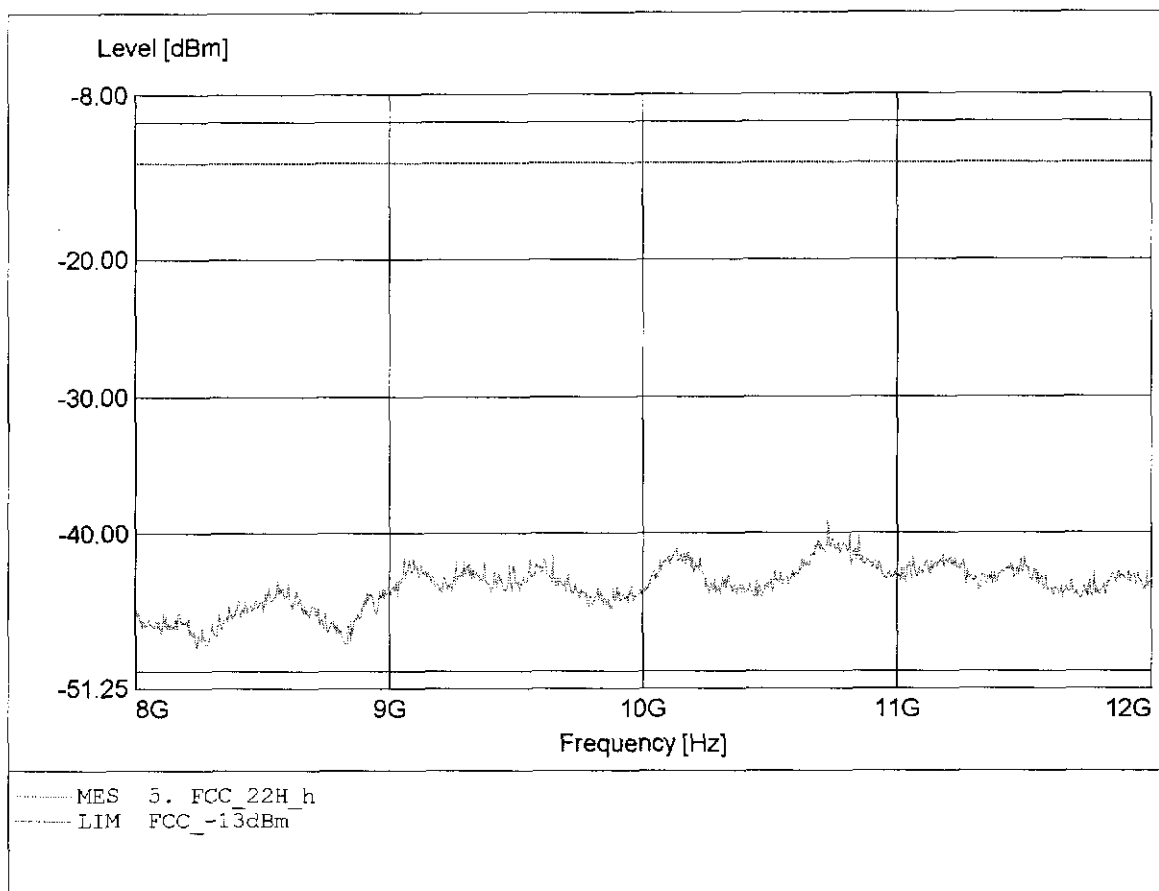
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.529GHz, Pmax: -38.90dBm, RBW: 1MHz



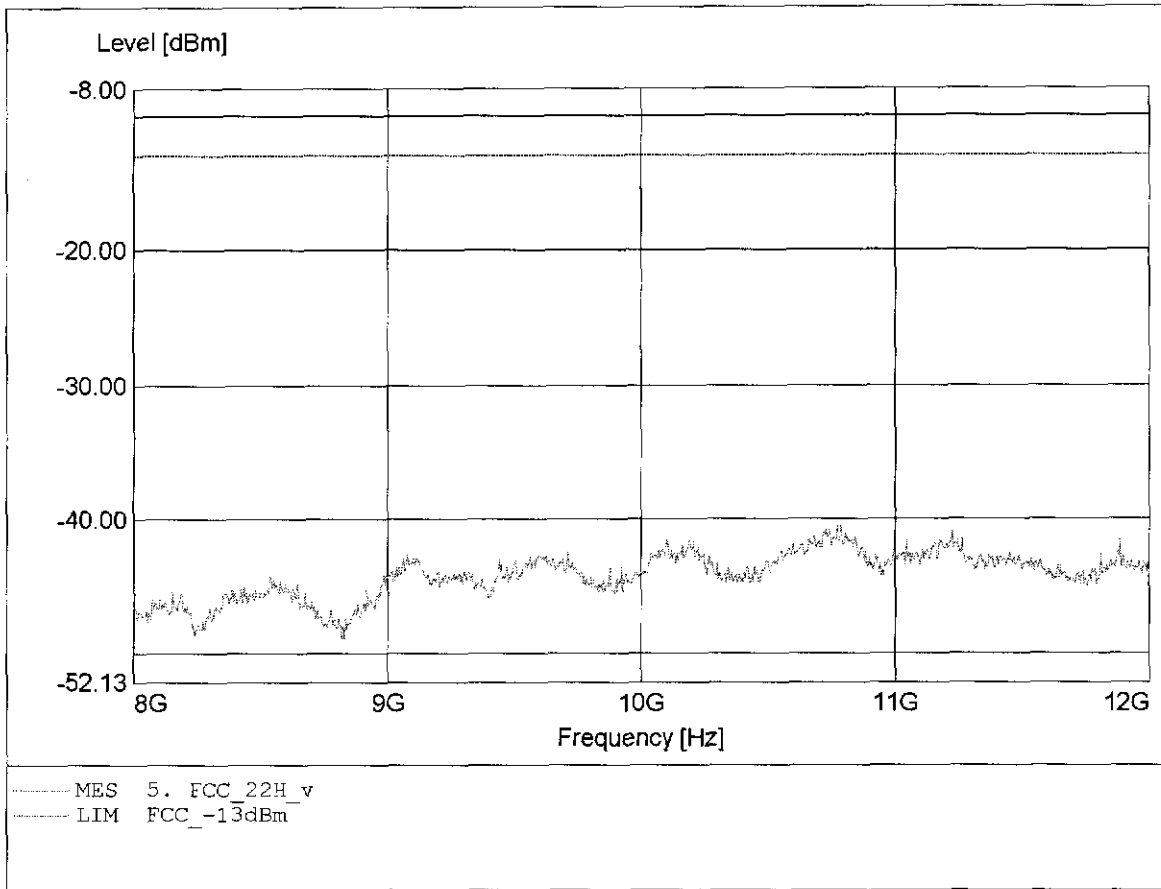
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.729GHz, Pmax: -39.14dBm, RBW: 1MHz



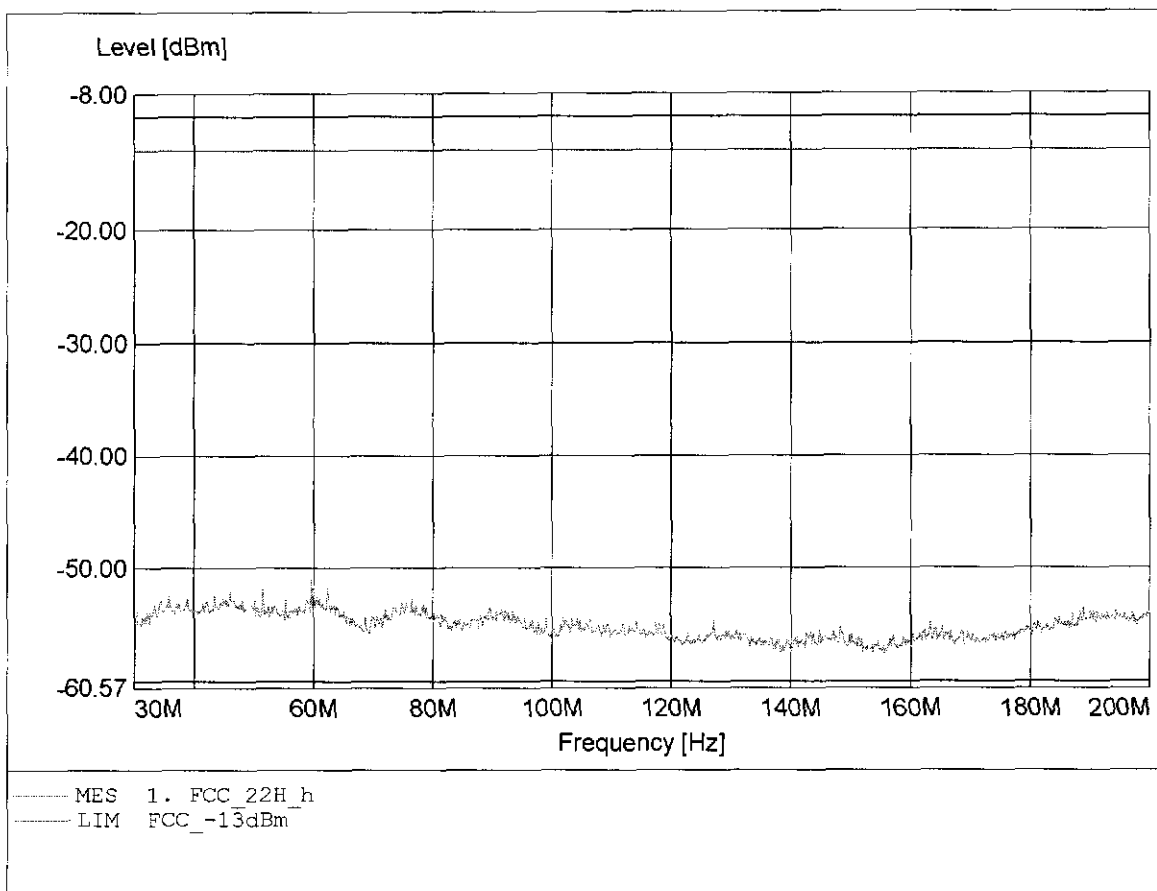
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 188
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.787GHz, Pmax: -40.58dBm, RBW: 1MHz



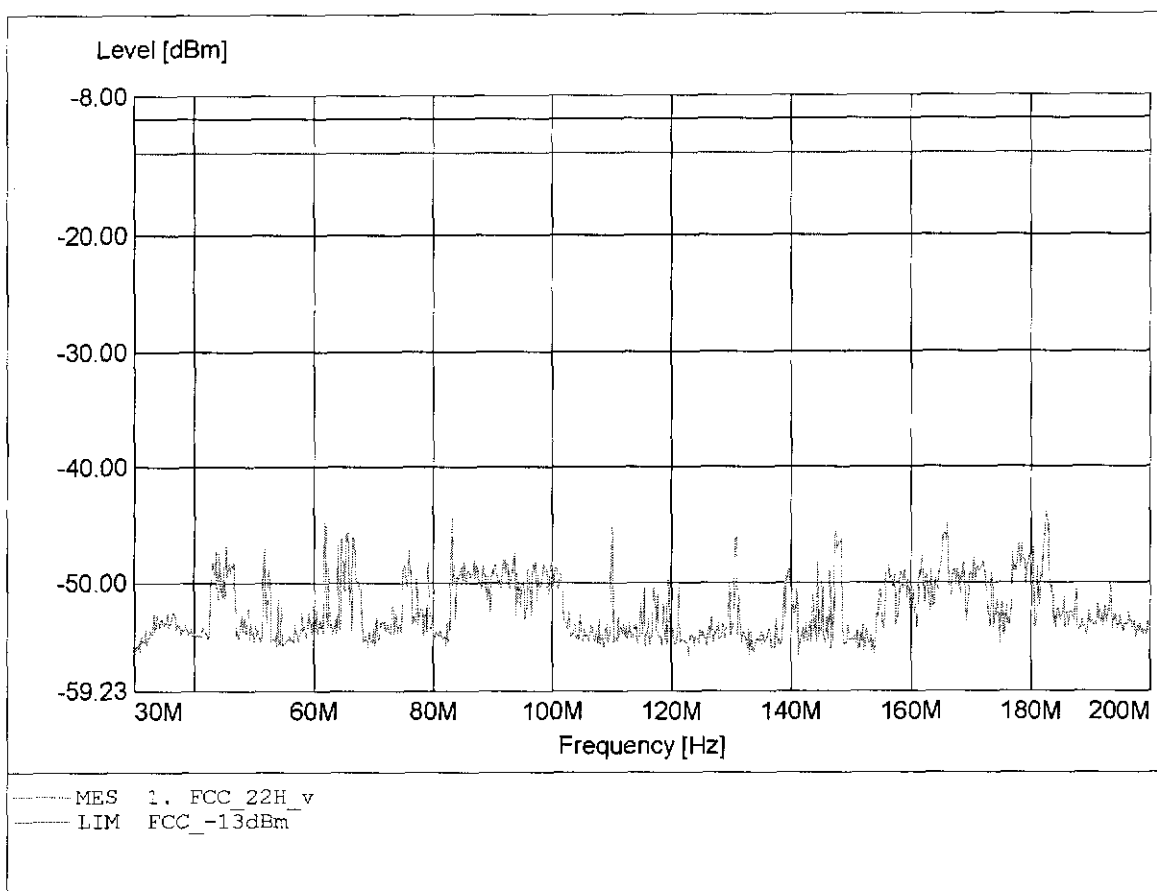
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 59.656MHz, Pmax: -50.72dBm, RBW: 1MHz



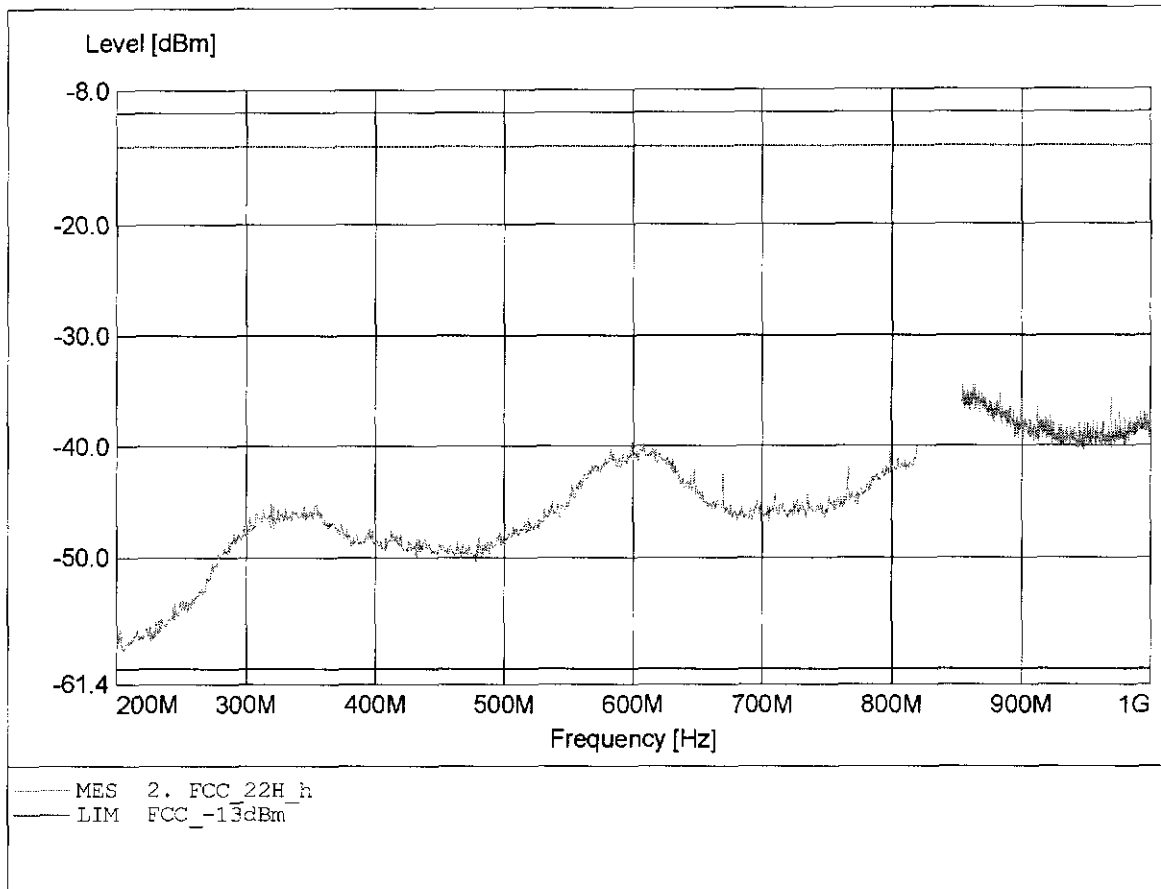
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 182.433MHz, Pmax: -44.03dBm, RBW: 1MHz



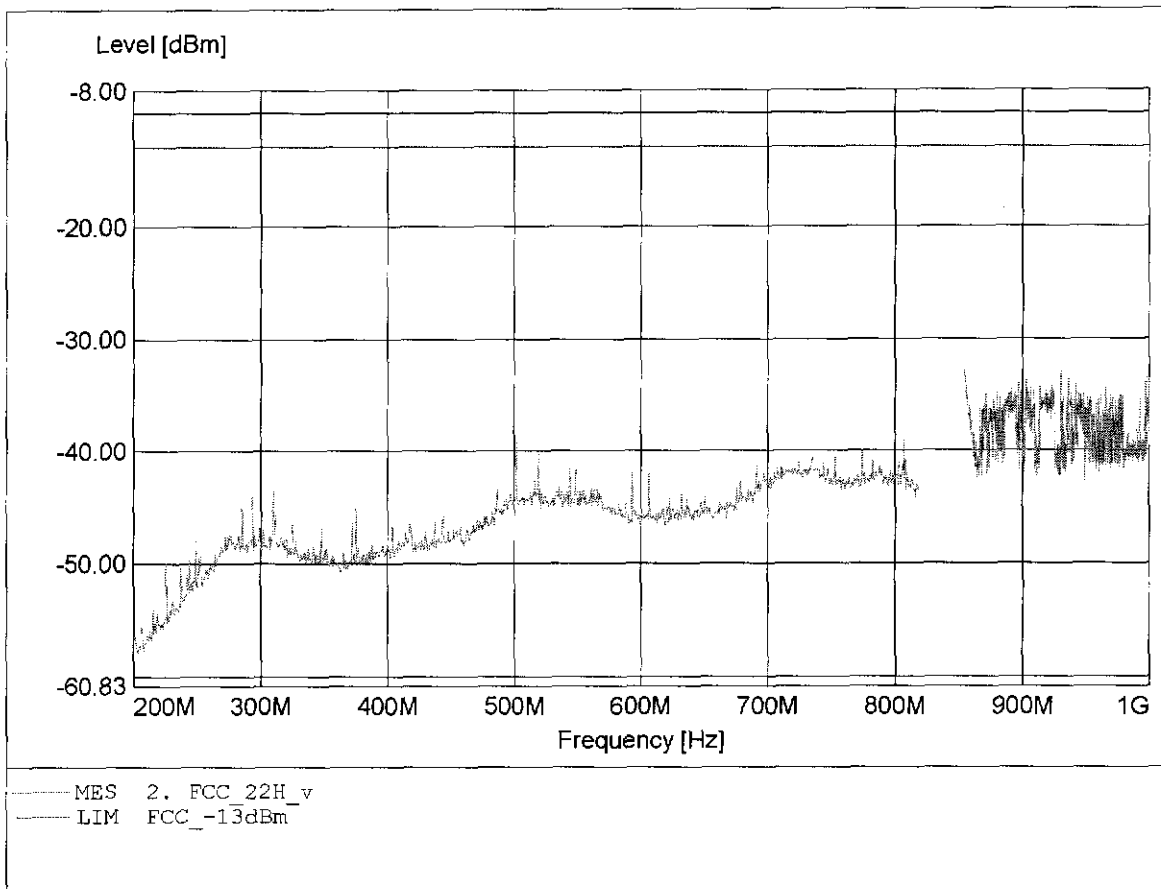
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 854.973MHz, Pmax: -33.89dBm, RBW: 1MHz



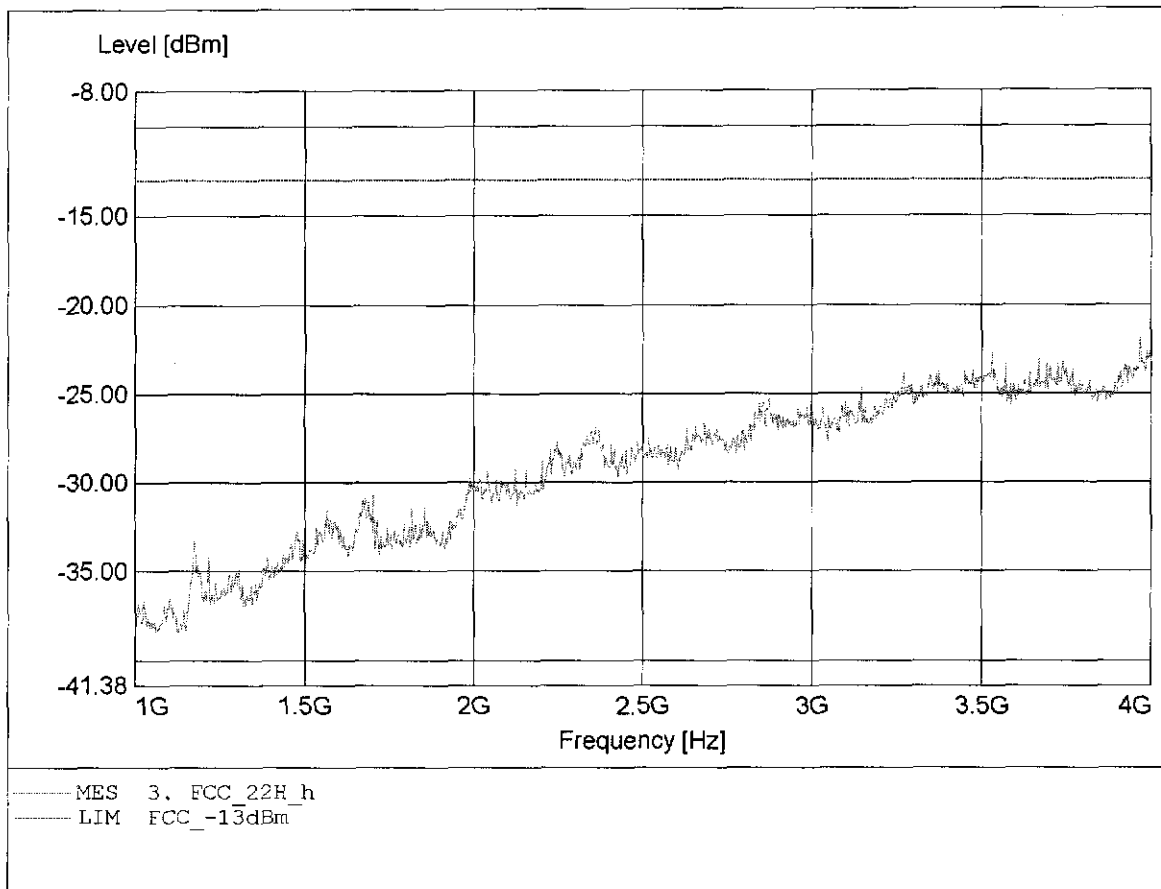
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 854.324MHz, Pmax: -32.90dBm, RBW: 1MHz



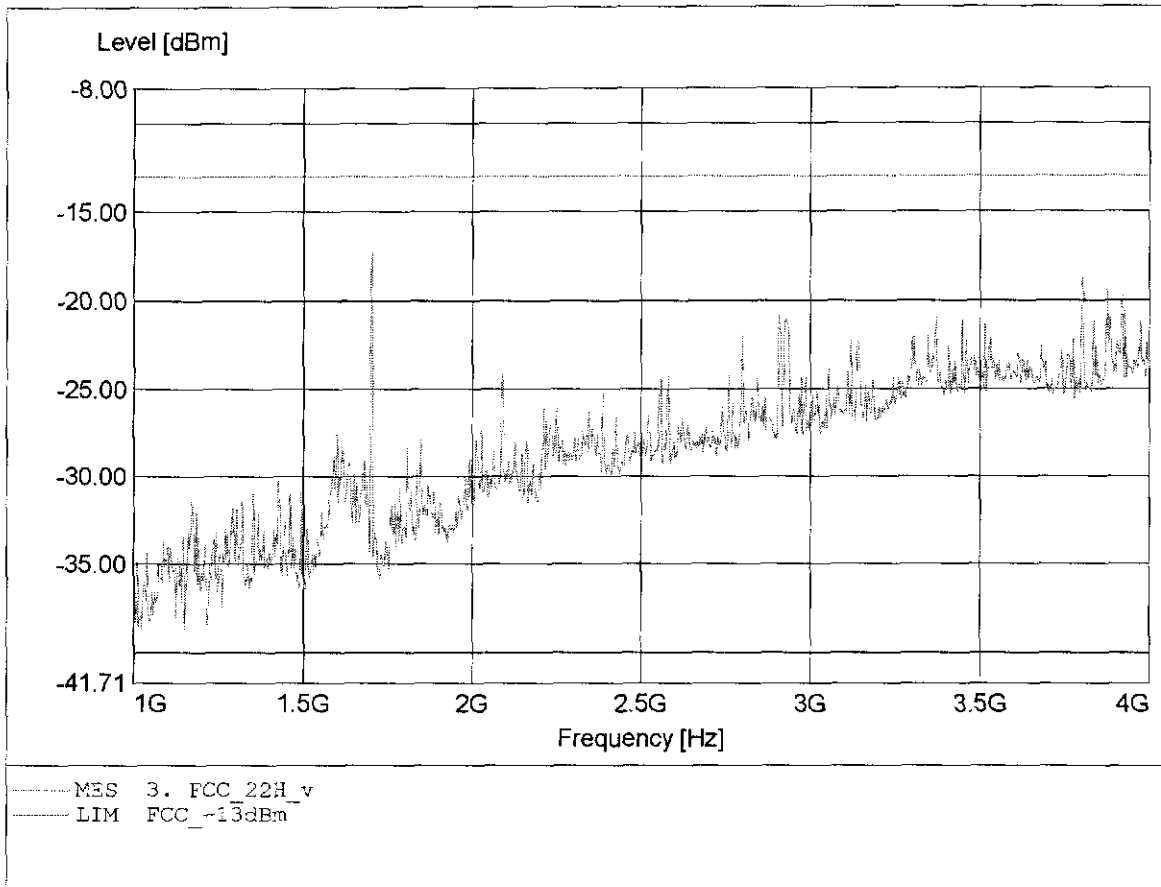
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.967GHz, Pmax: -21.83dBm, RBW: 1MHz



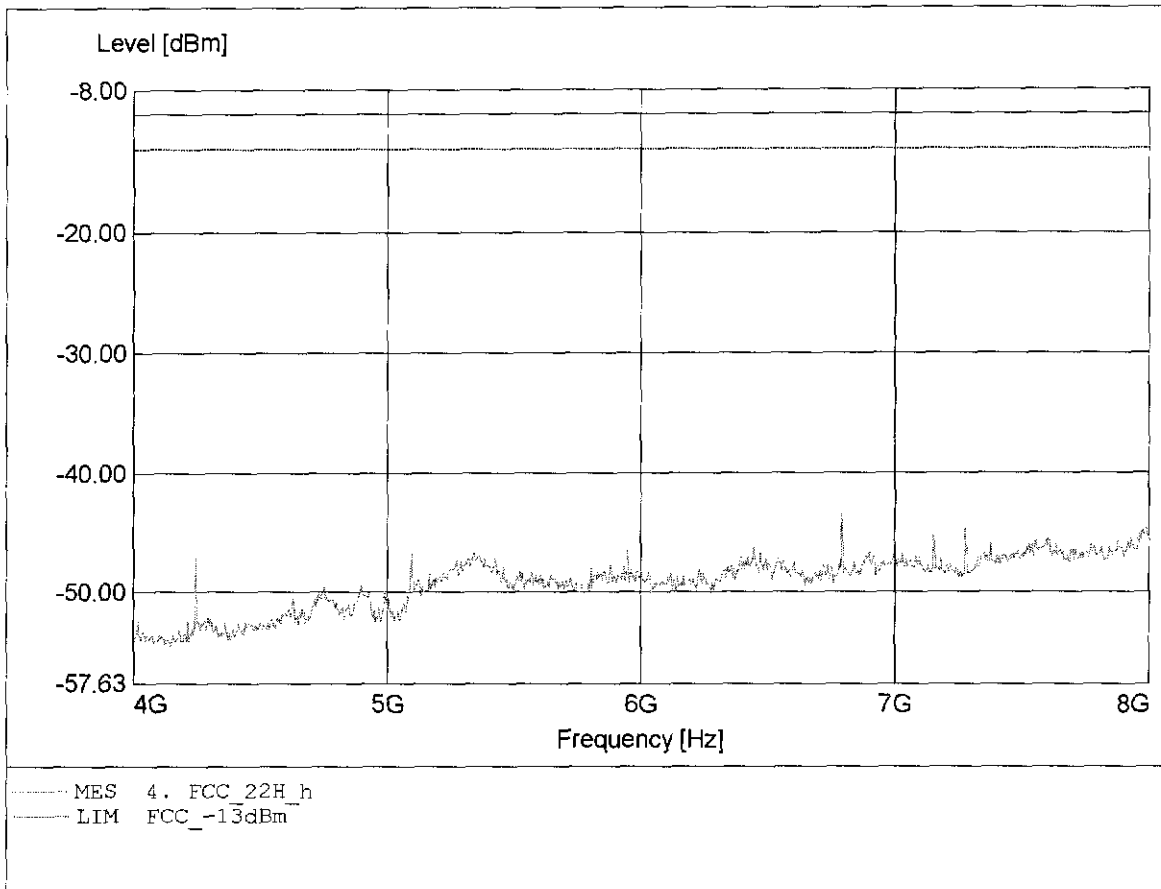
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.703GHz, Pmax: -17.31dBm, RBW: 1MHz



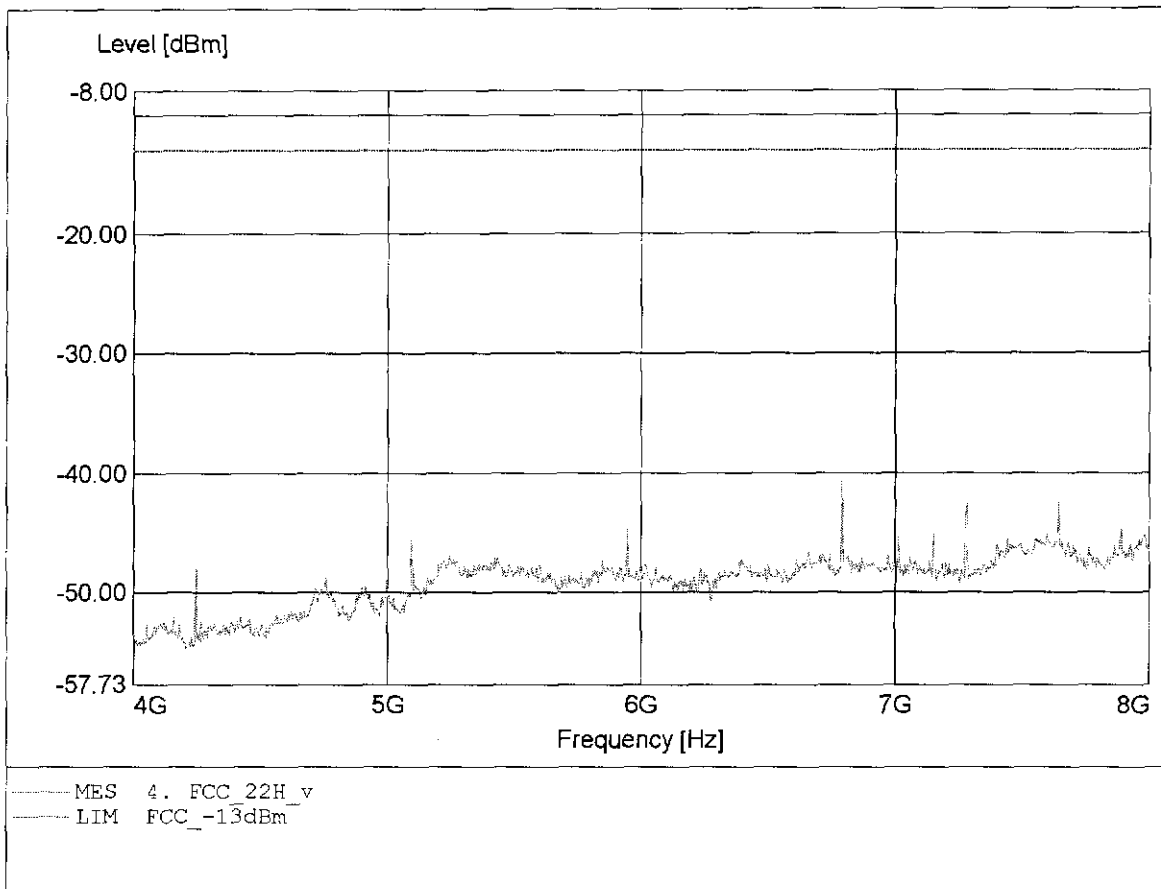
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.791GHz, Pmax: -43.44dBm, RBW: 1MHz



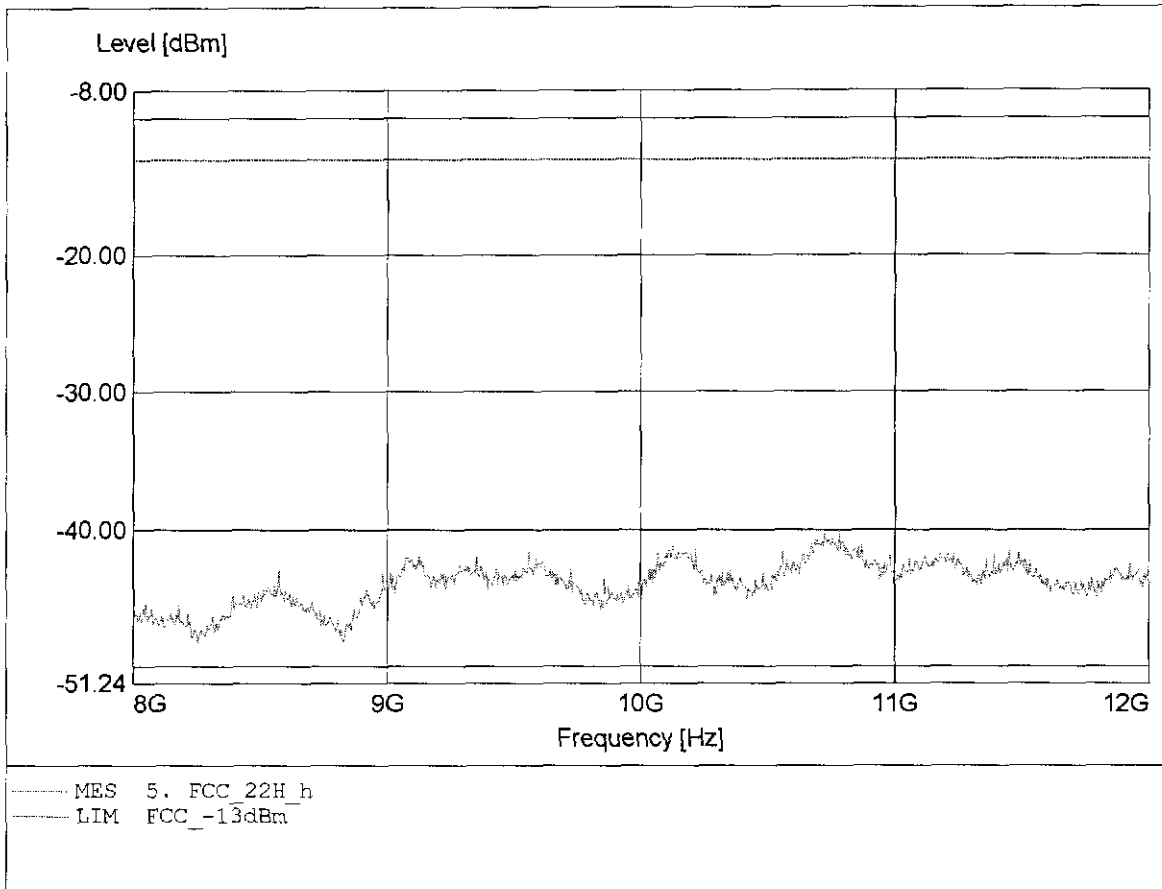
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.791GHz, Pmax: -40.77dBm, RBW: 1MHz



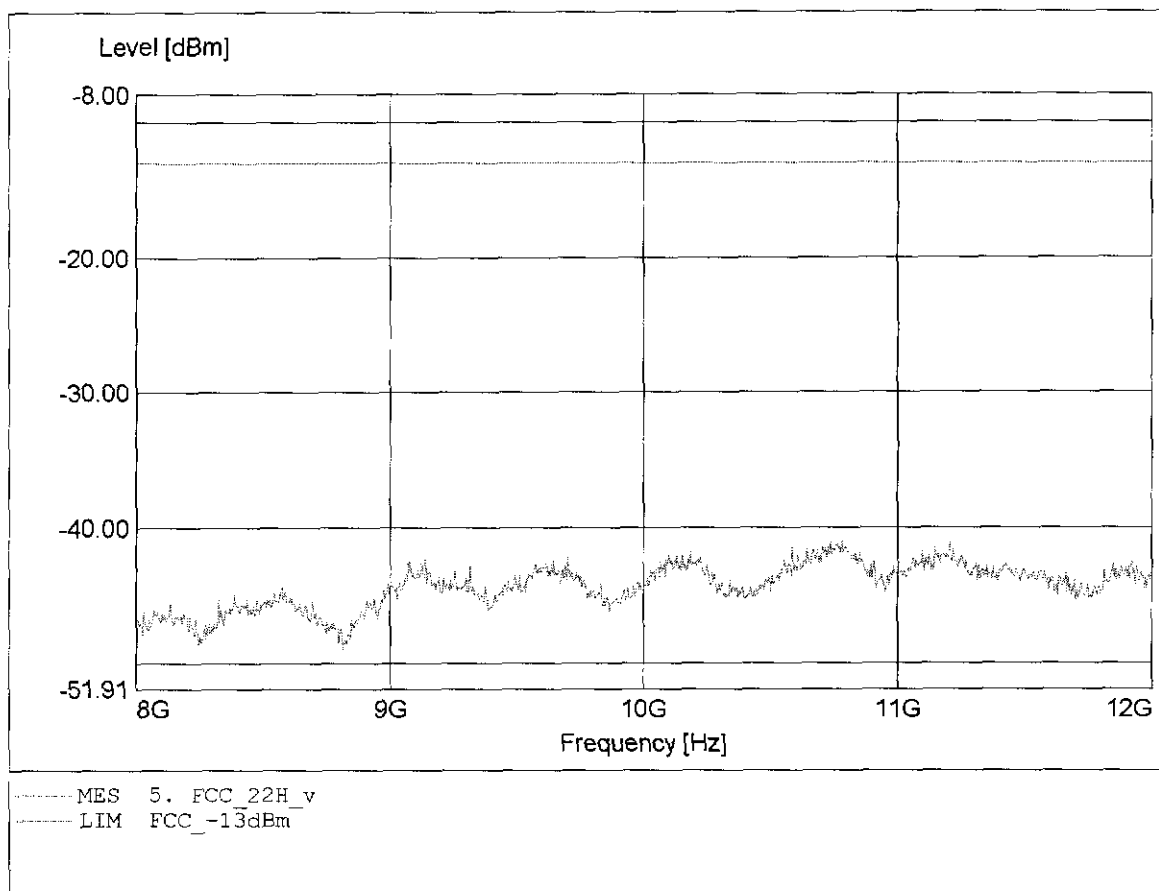
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.782GHz, Pmax: -39.93dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: TRIPLE BAND GSM 850 / DCS 1800 / PCS 1900 (WITH WAP & GPRS)
Model / Channel: PG - 3310 / Ch.: 251
Test Site / Operator: ETS / Mr. Pudell
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.738GHz, Pmax: -40.99dBm, RBW: 1MHz



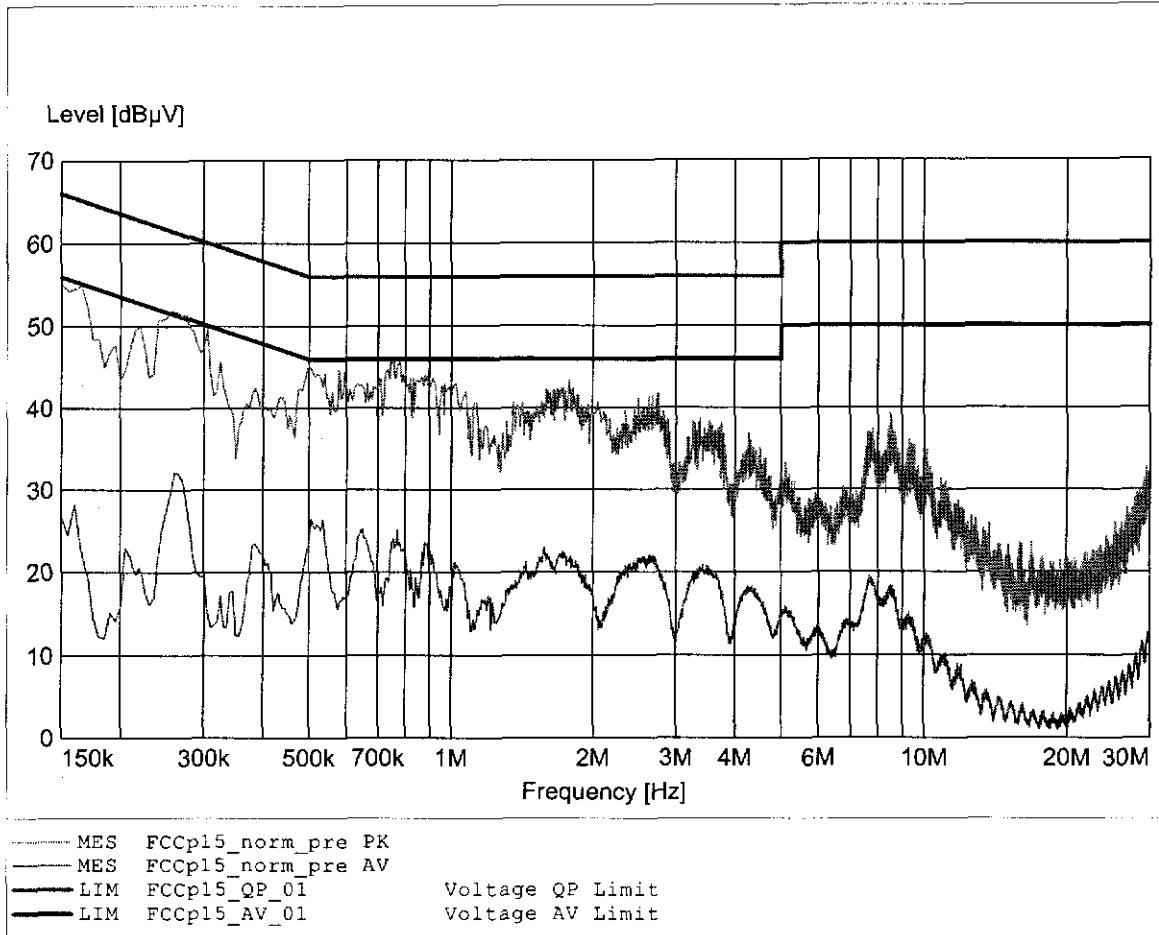


Appendix J

Line Conducted Emissions

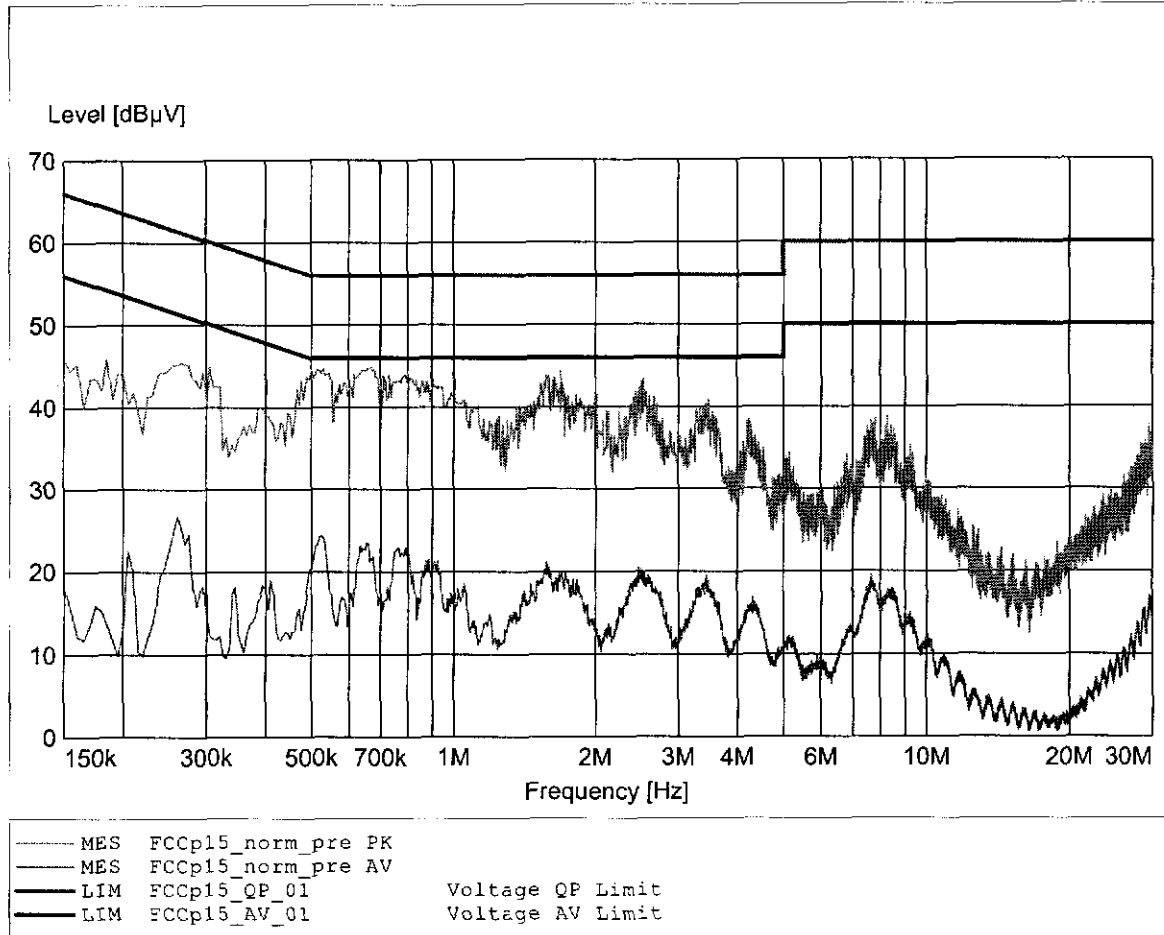
EMI voltage test in the ac-mains according to FCC part 15

EUT: Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC (AC/DC adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: PG-3310 mode: GSM 850 / PCL 5 + charging
adaptor: PTA-100



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

EUT: Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC (AC/DC adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-3310 mode: GSM 850 / PCL 5 + charging
adaptor: PTA-100





Appendix K

Frequency Stability vs. Temperature

No diagrams
Refer to point 13.2



Appendix L

Frequency Stability vs. Voltage

No diagrams
Refer to point 14.2