



Appendix B

RF Power Output



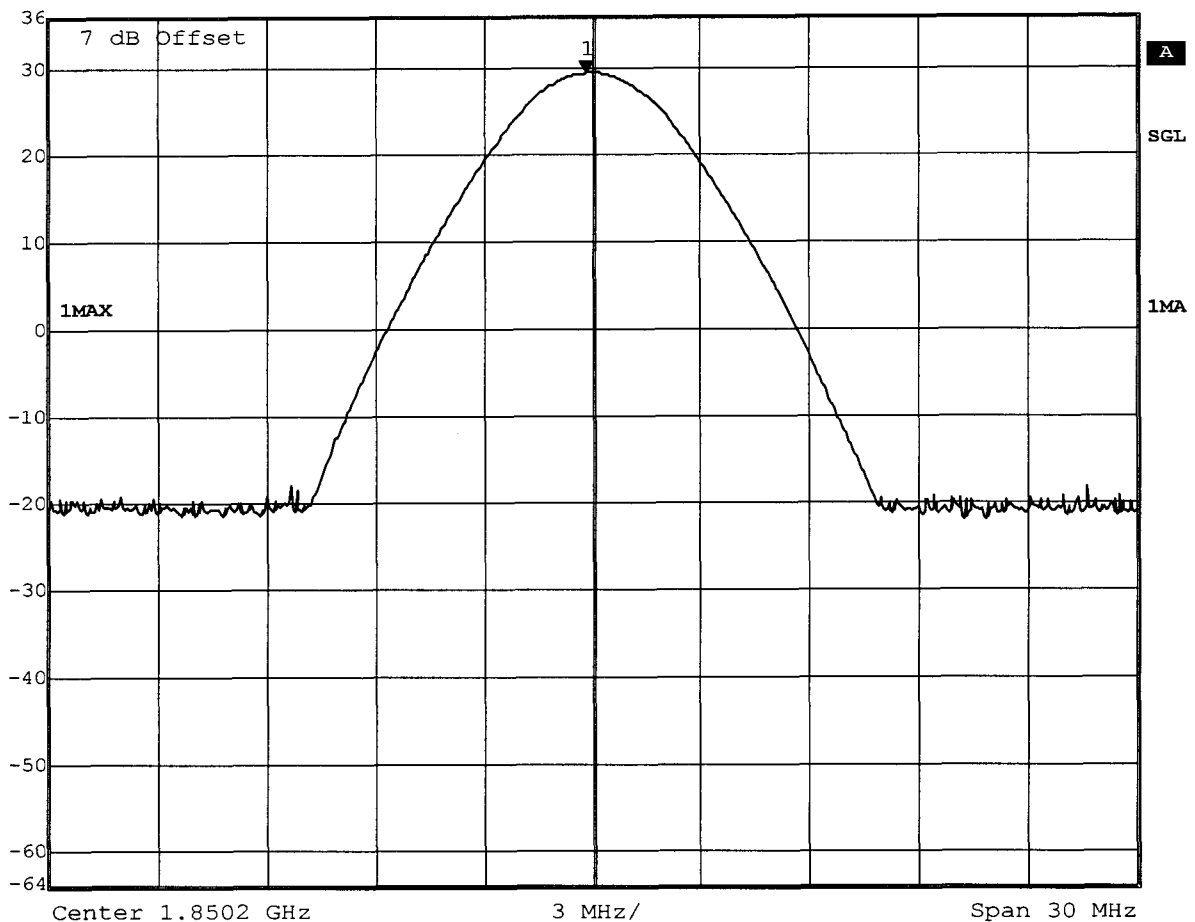
FCC Part 24 E

Output power conducted

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 512
Comment 1	
Comment 2	



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	29.28 dBm	VBW	3 MHz	
36 dBm	1.85004970 GHz	SWT	5 ms	Unit dBm



Date: 14.MAR.2006 12:52:43

Measurement diagram



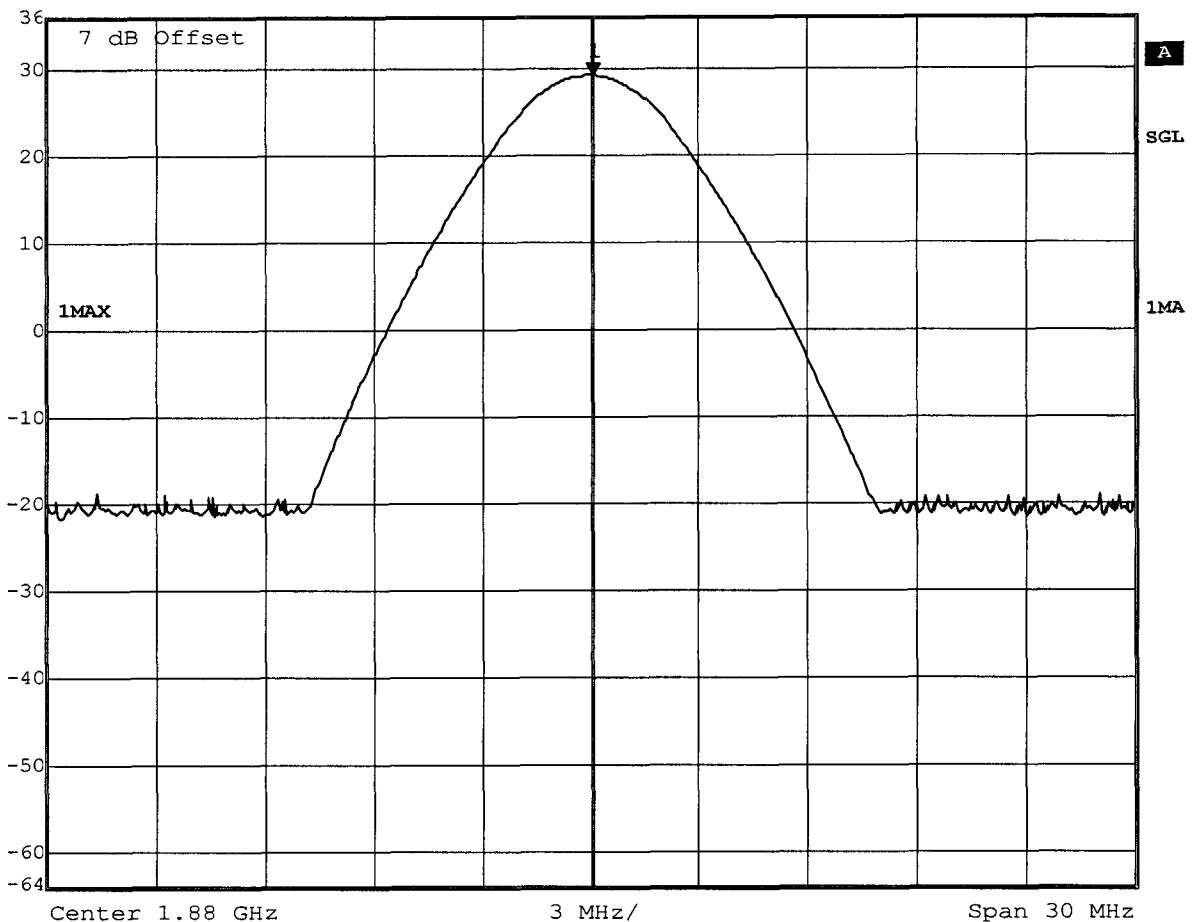
FCC Part 24 E

Output power conducted

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 661
Comment 1	
Comment 2	



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	29.04 dBm	VBW	3 MHz	
36 dBm	1.88009018 GHz	SWT	5 ms	Unit dBm



Date: 14.MAR.2006 12:54:14

Measurement diagram



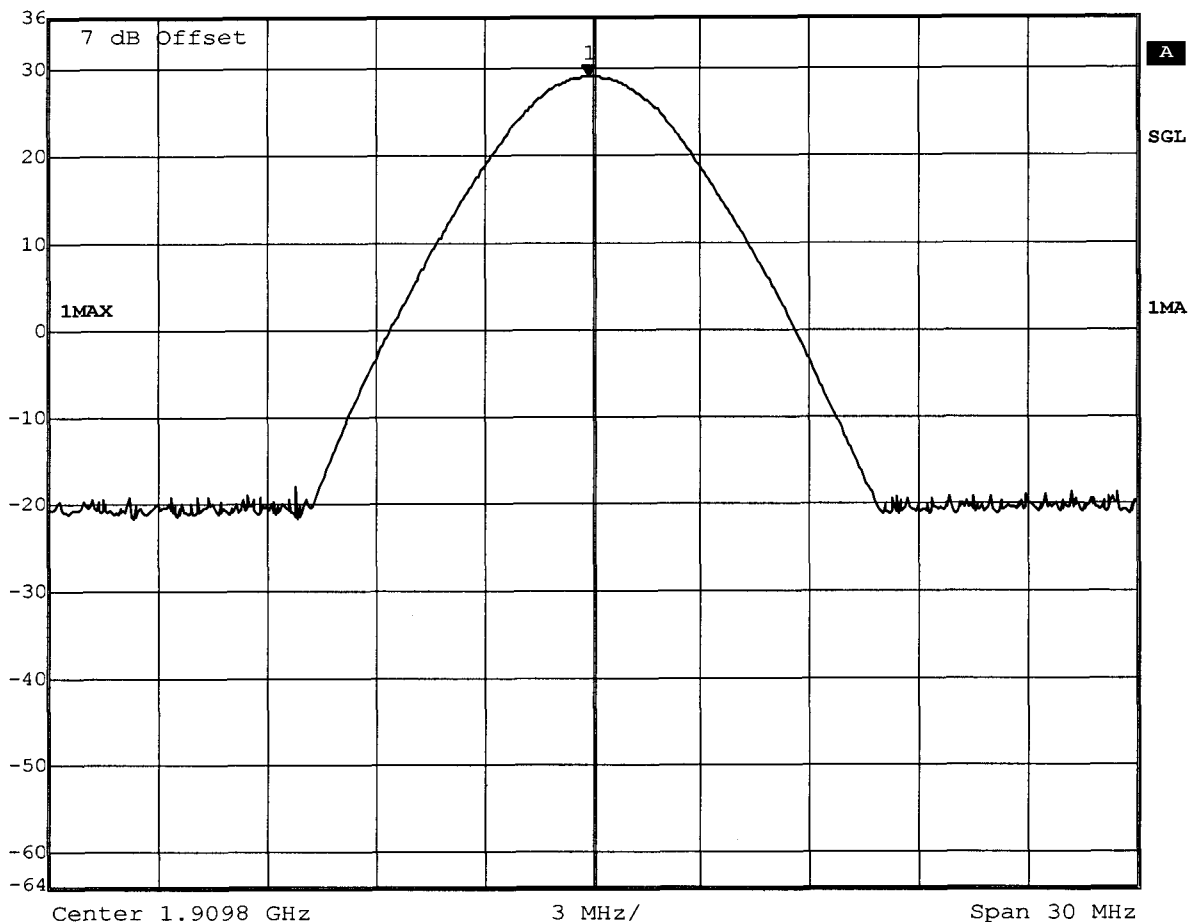
FCC Part 24 E

Output power conducted

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 810
Comment 1	
Comment 2	



Marker 1 [T1]	RBW	3 MHz	RF Att	50 dB
Ref Lvl	28.83 dBm	VBW	3 MHz	
36 dBm	1.90970982 GHz	SWT	5 ms	Unit dBm



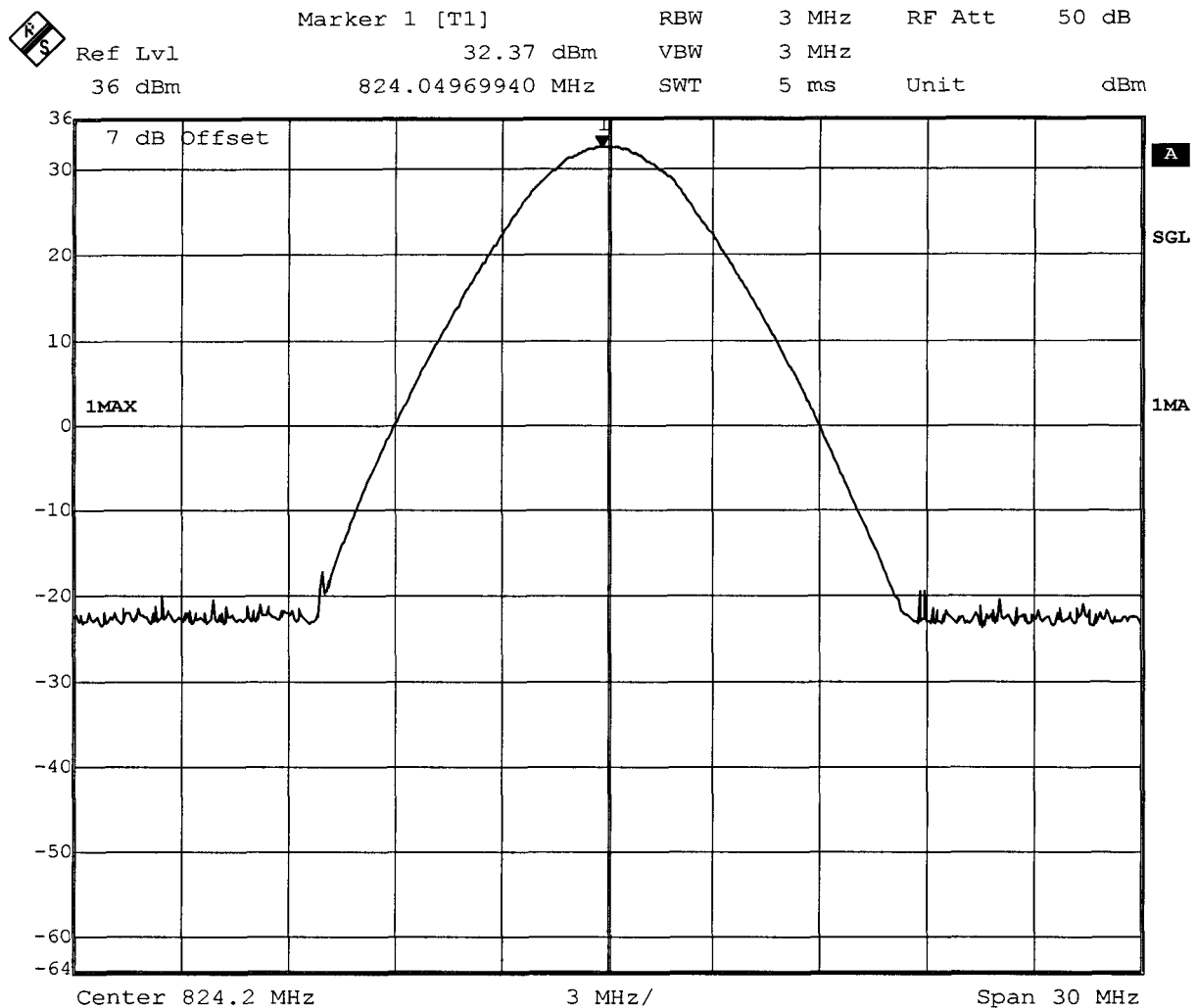
Date: 14.MAR.2006 12:56:42

Measurement diagram



FCC Part 22 H
Output power conducted

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 128
Comment 1	
Comment 2	



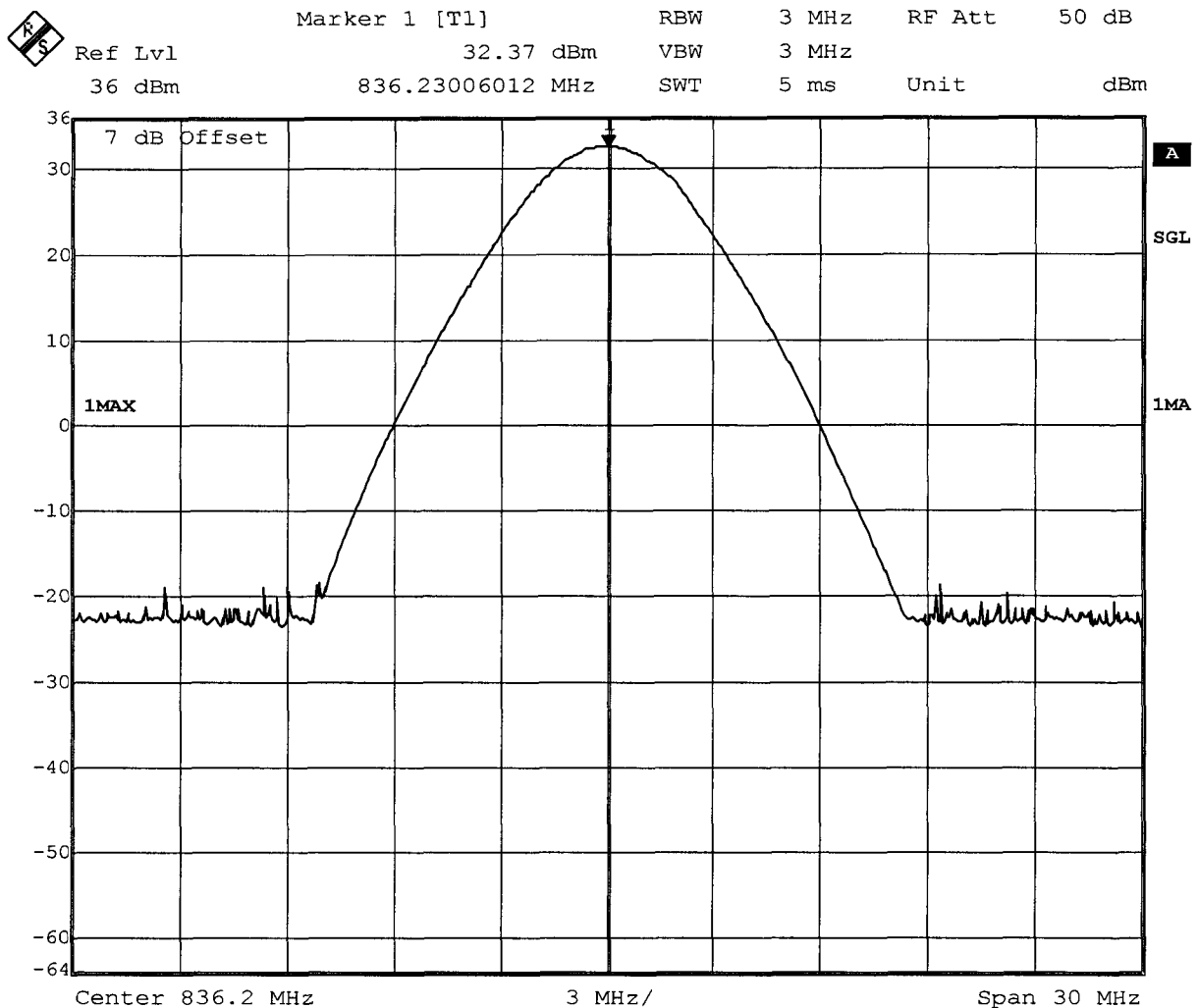
Date: 14.MAR.2006 11:35:22

Measurement diagram



FCC Part 22 H
Output power conducted

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 188
Comment 1	
Comment 2	



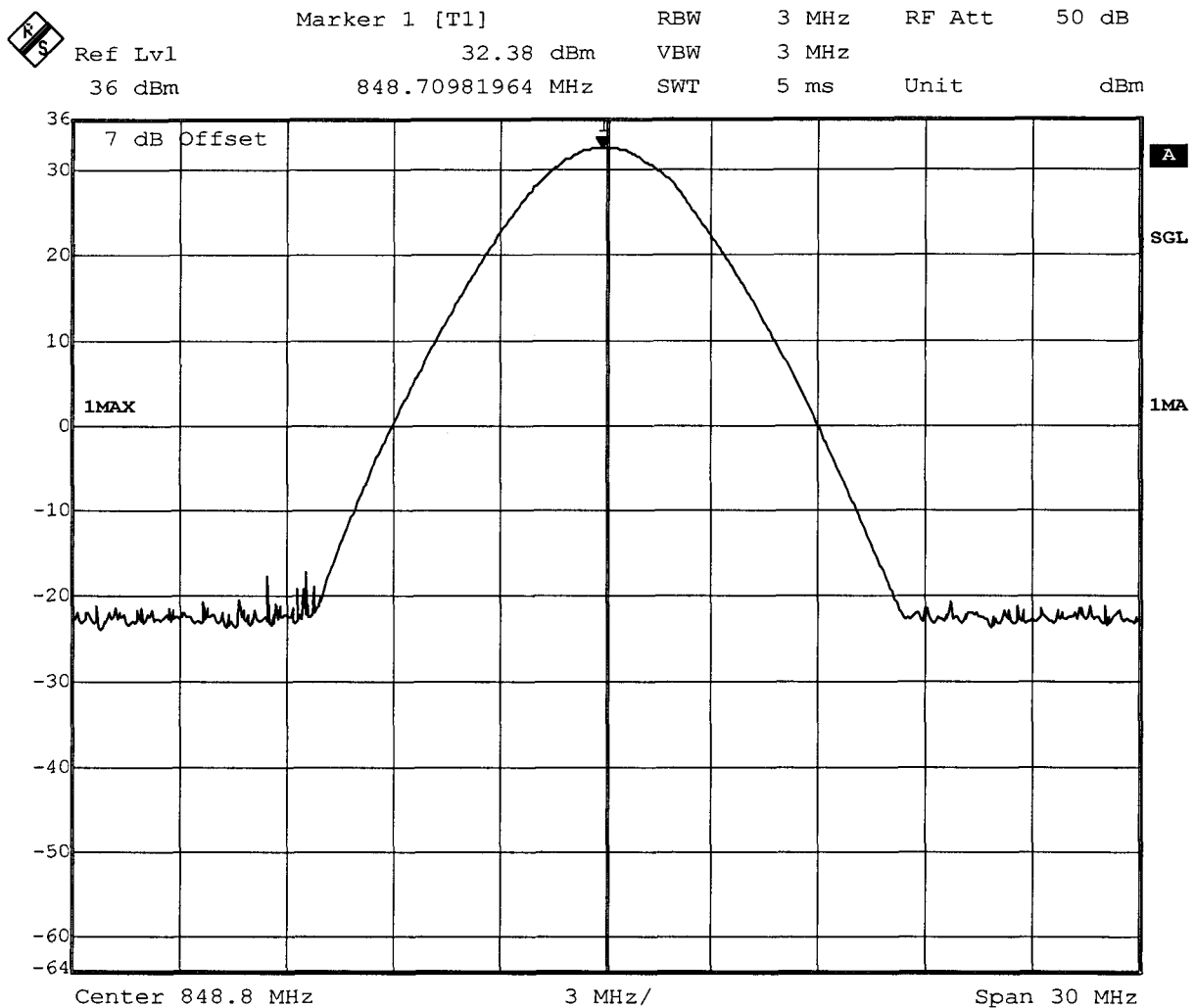
Date: 14.MAR.2006 11:34:39

Measurement diagram



FCC Part 22 H
Output power conducted

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Test Case	Channel: 251
Comment 1	
Comment 2	



Date: 14.MAR.2006 11:33:49

Measurement diagram

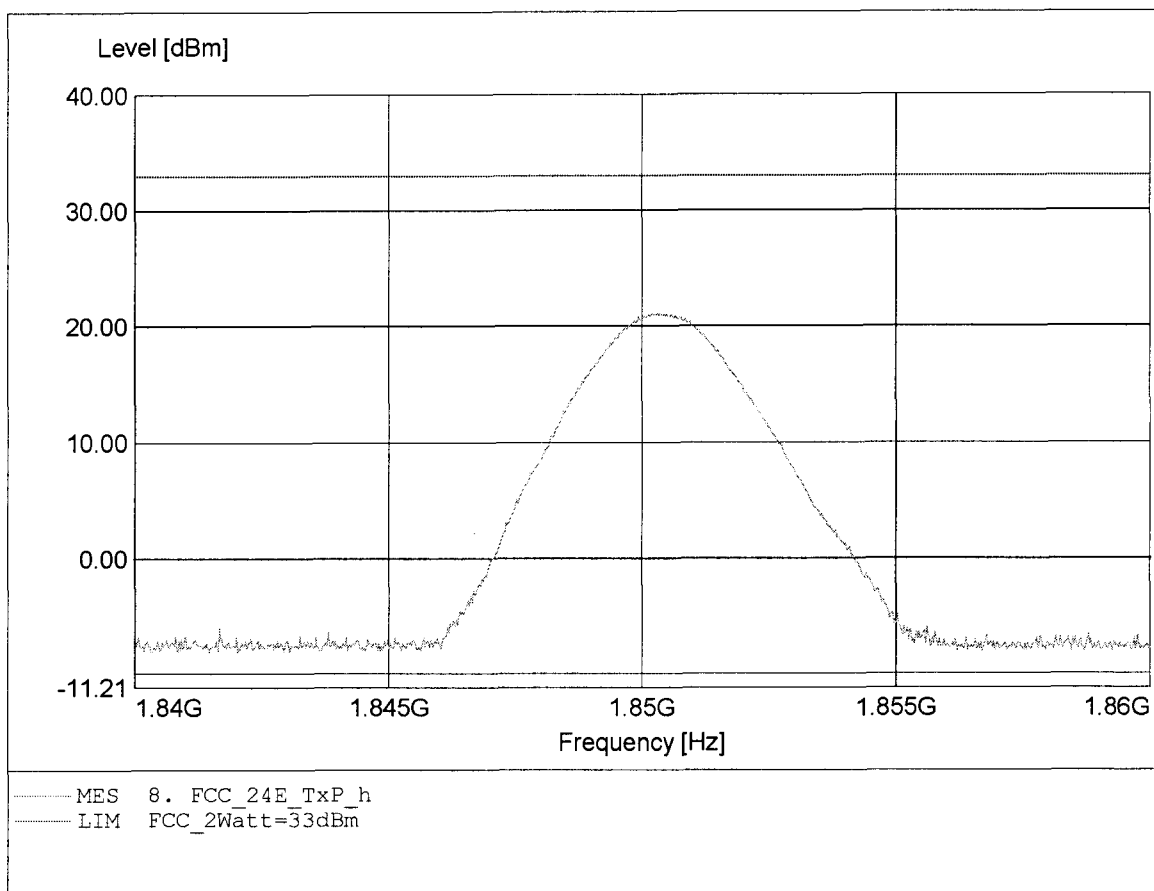


Appendix C

ERP, EIRP

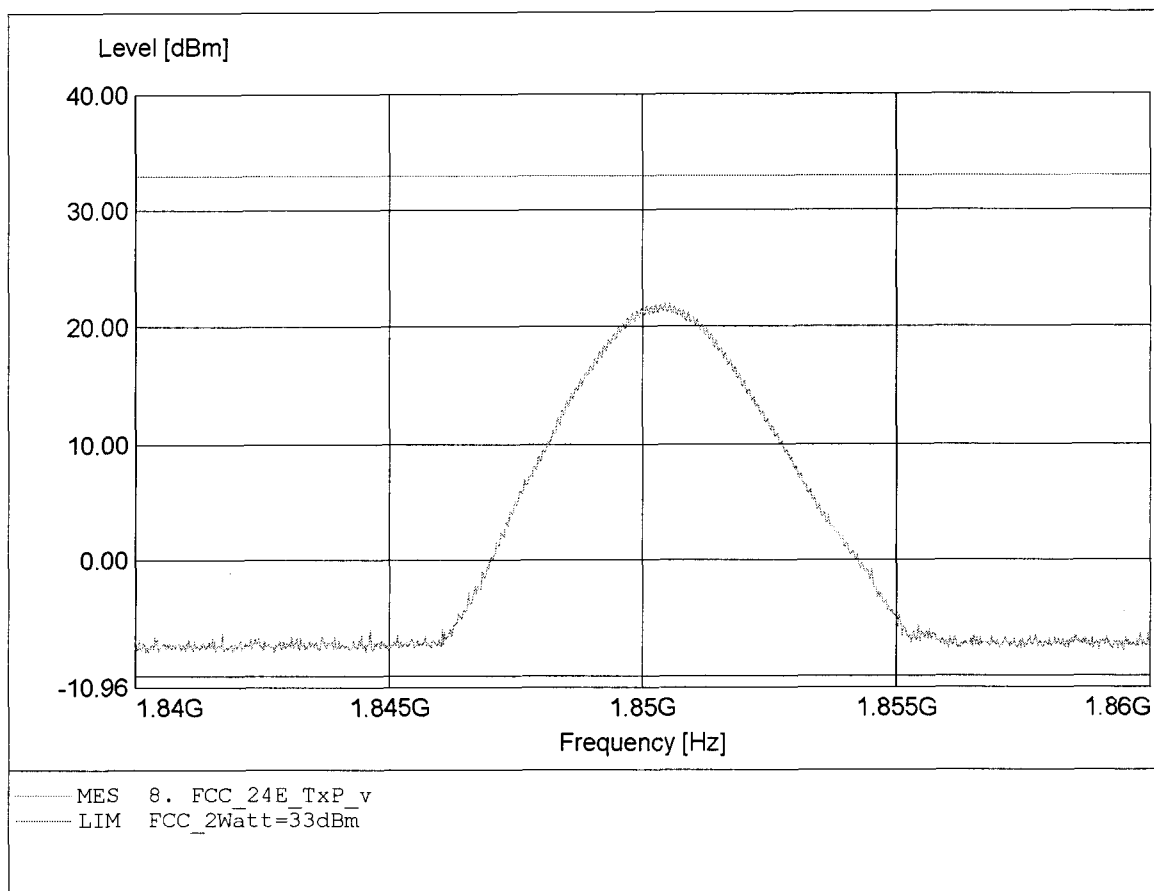
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 21.04dBm, RBW: 3MHz



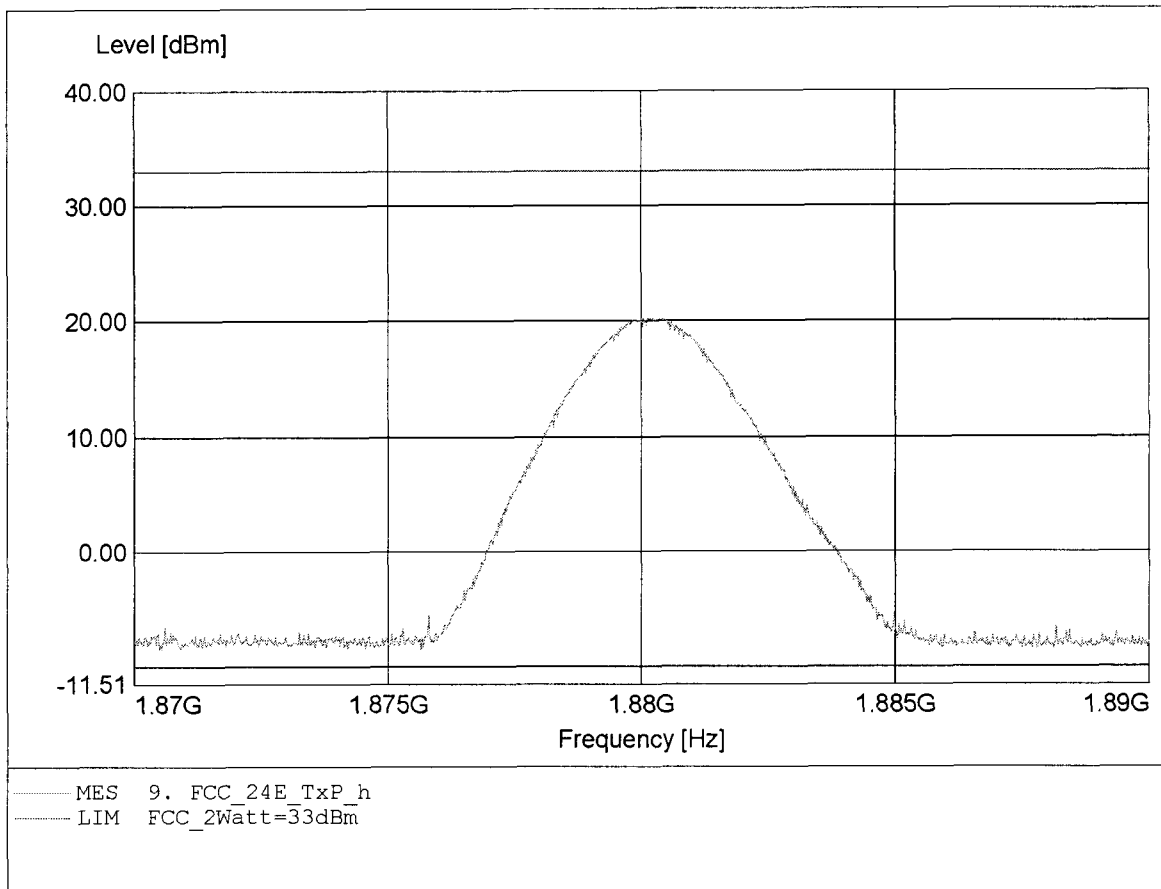
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 21.91dBm, RBW: 3MHz



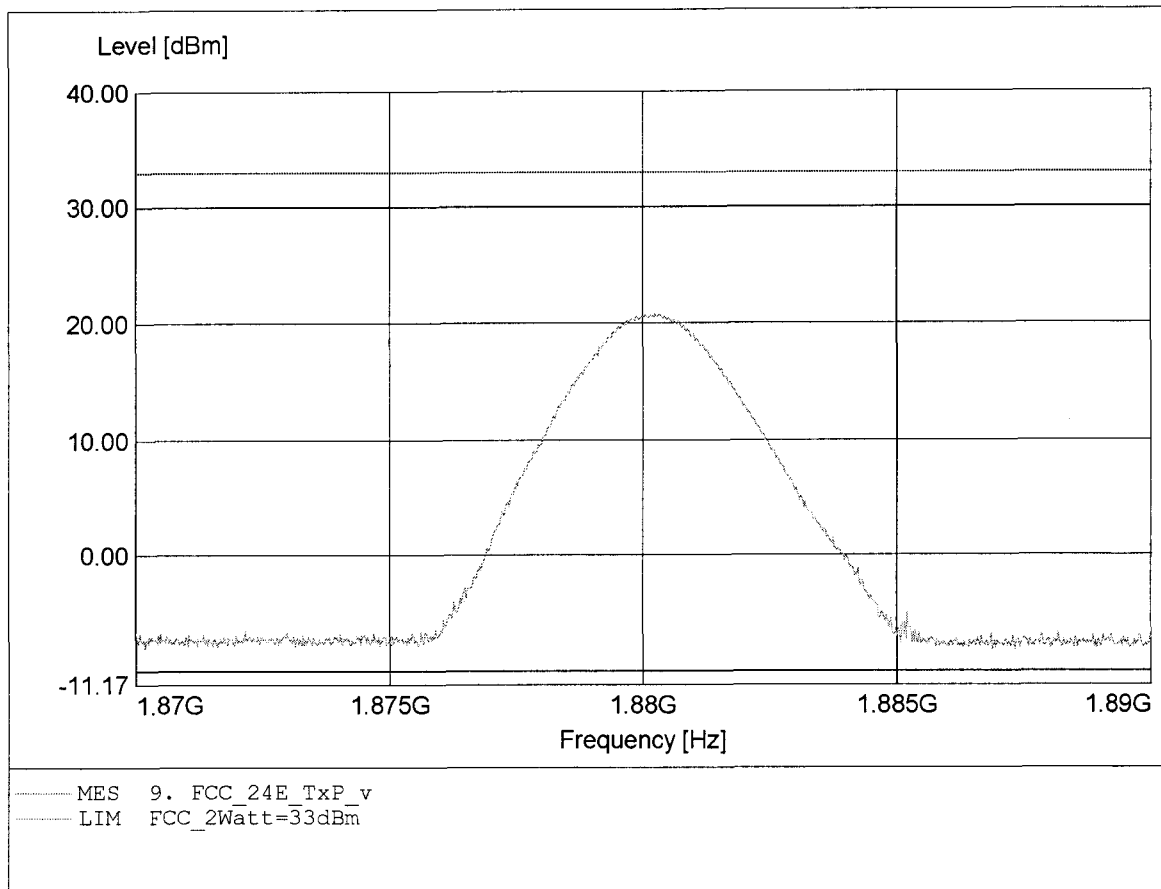
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 20.21dBm, RBW: 3MHz



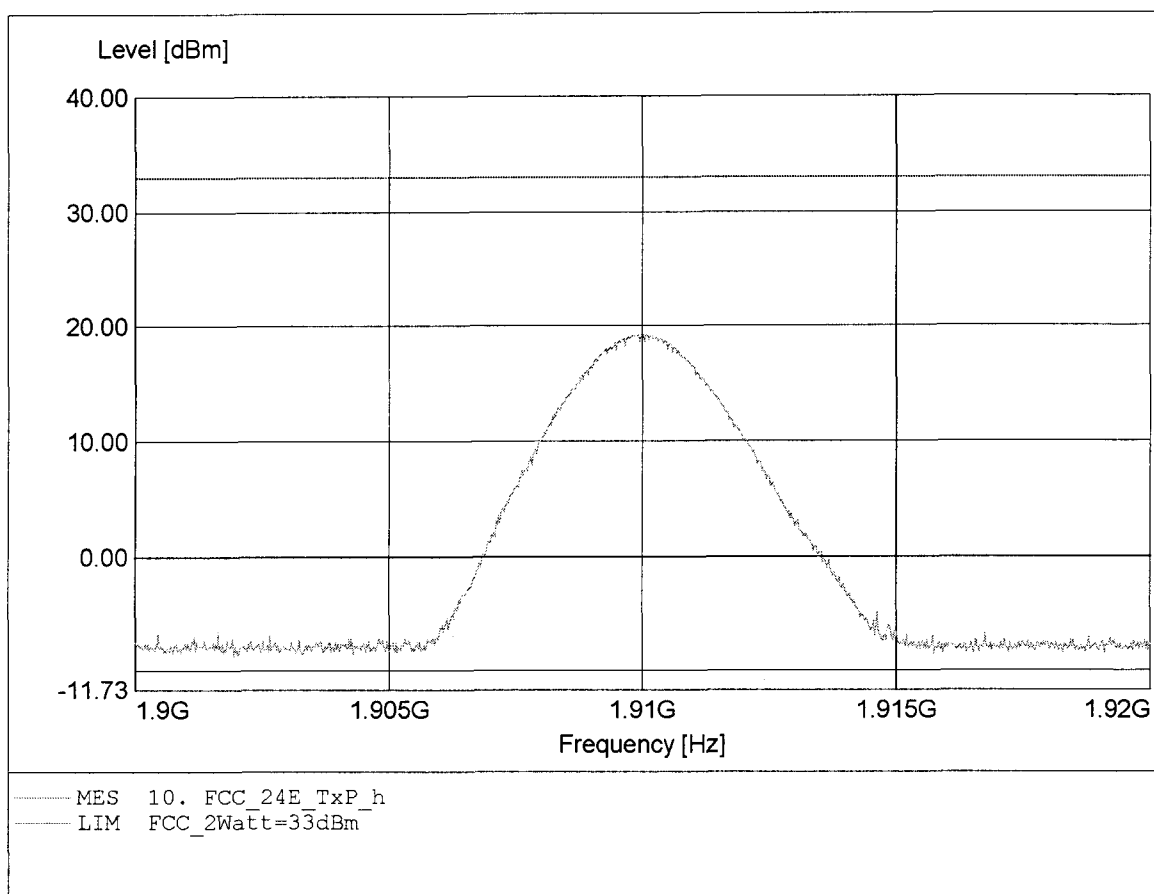
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 20.74dBm, RBW: 3MHz



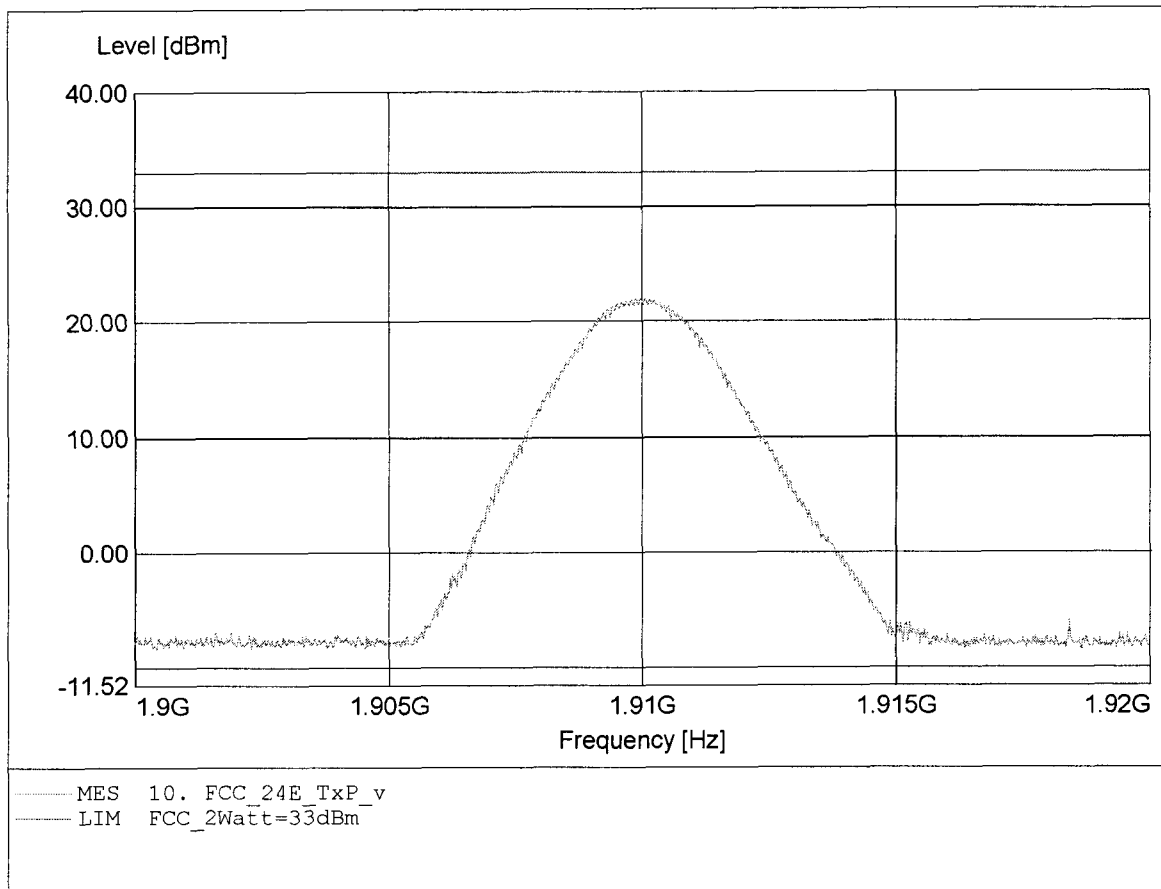
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 19.15dBm, RBW: 3MHz



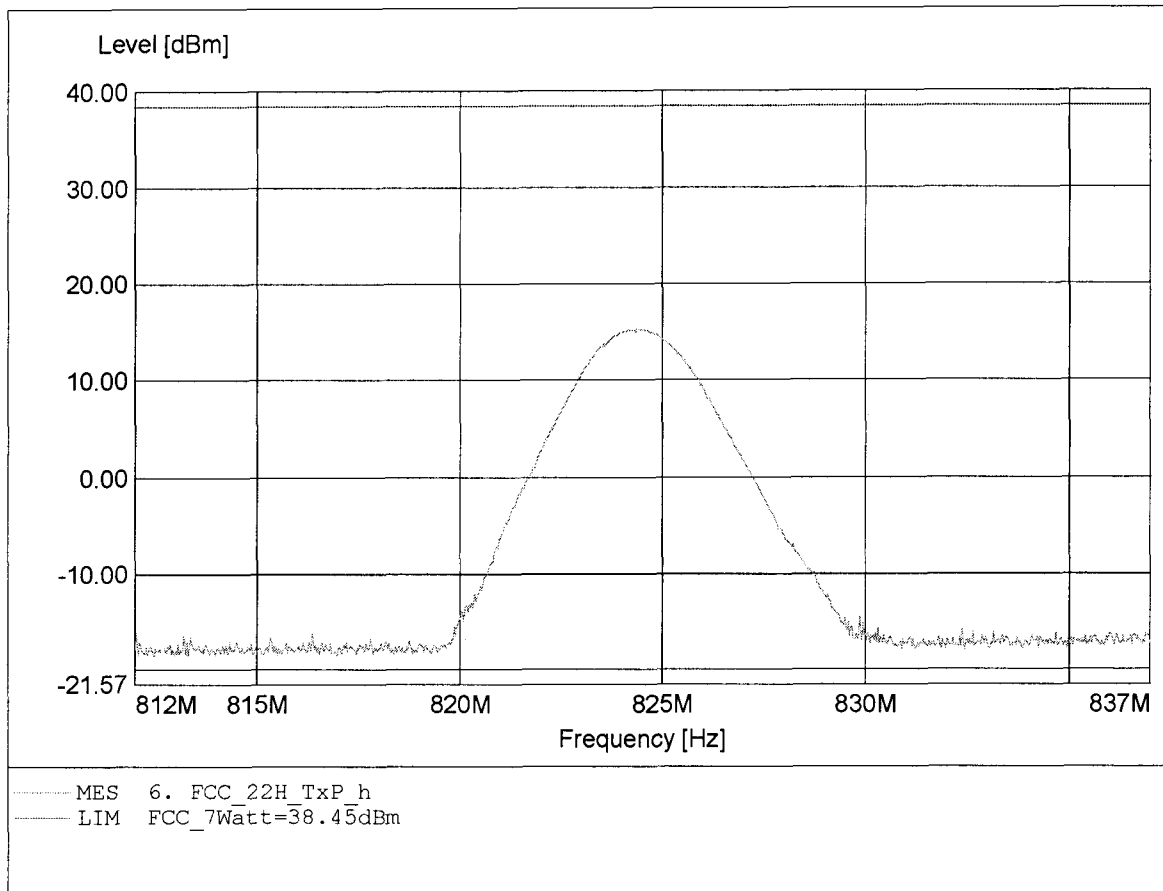
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 22.00dBm, RBW: 3MHz



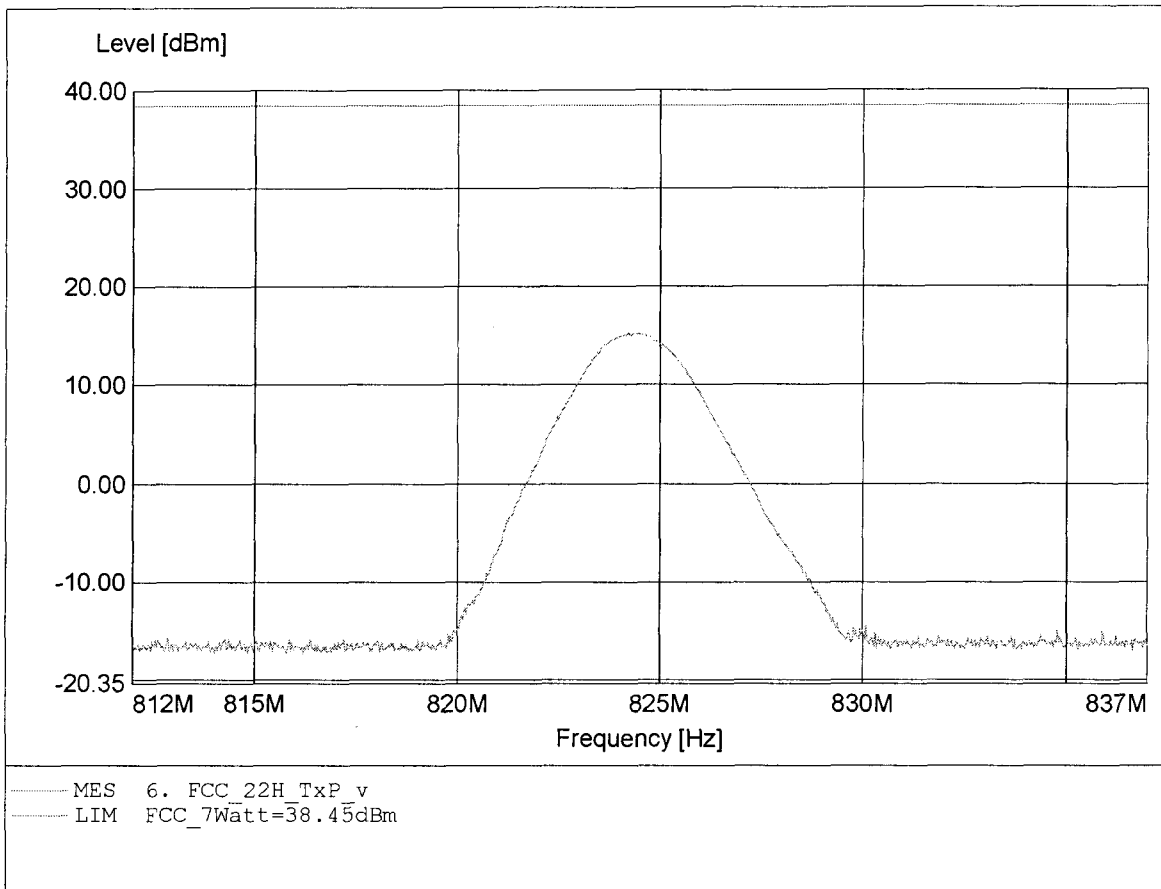
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: 15.26dBm, RBW: 3MHz



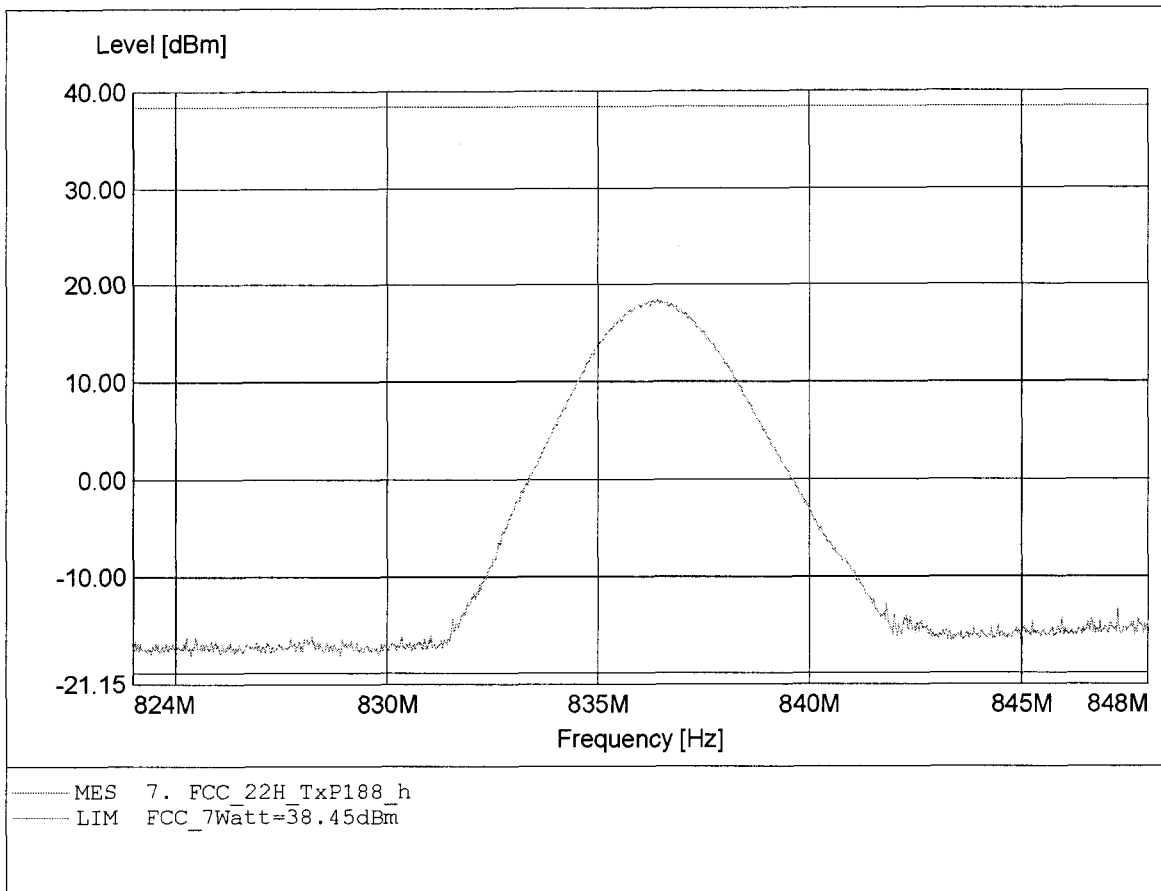
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.222MHz, Pmax: 15.25dBm, RBW: 3MHz



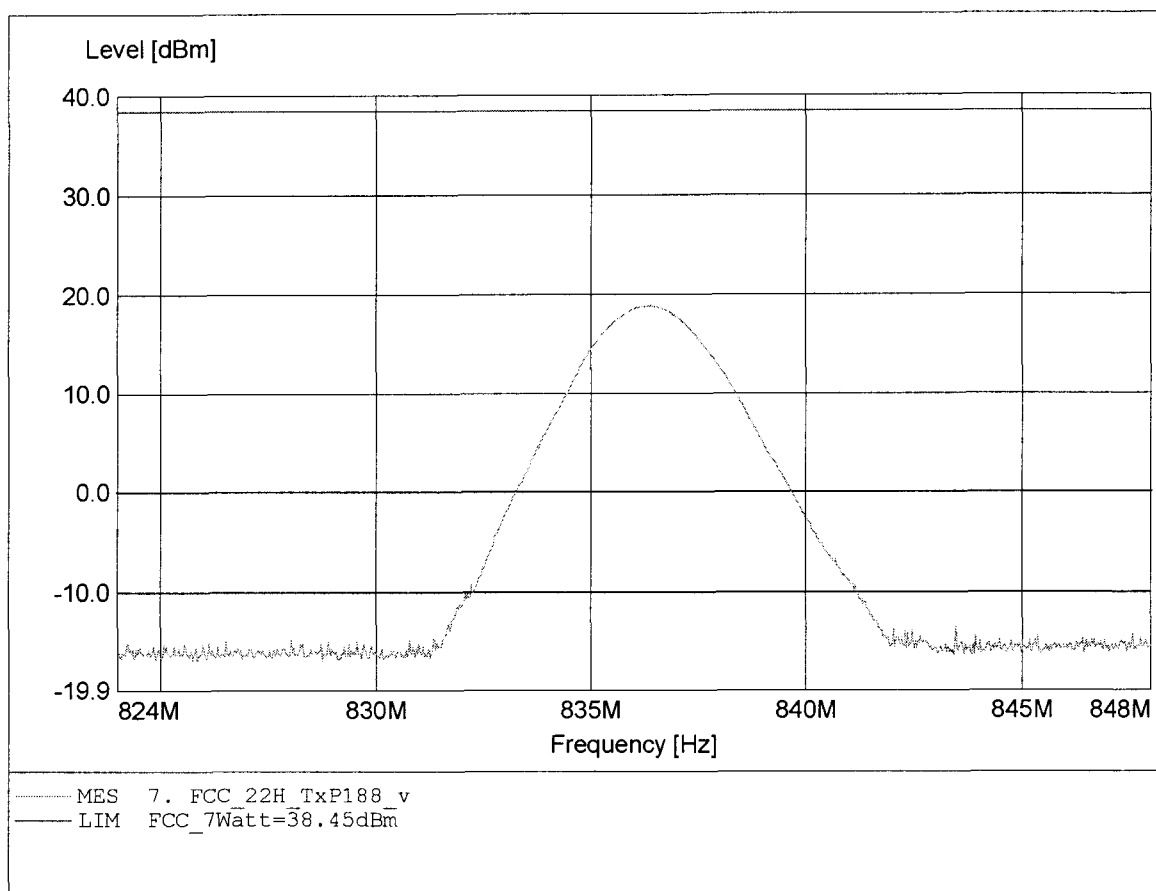
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.400MHz, Pmax: 18.32dBm, RBW: 3MHz



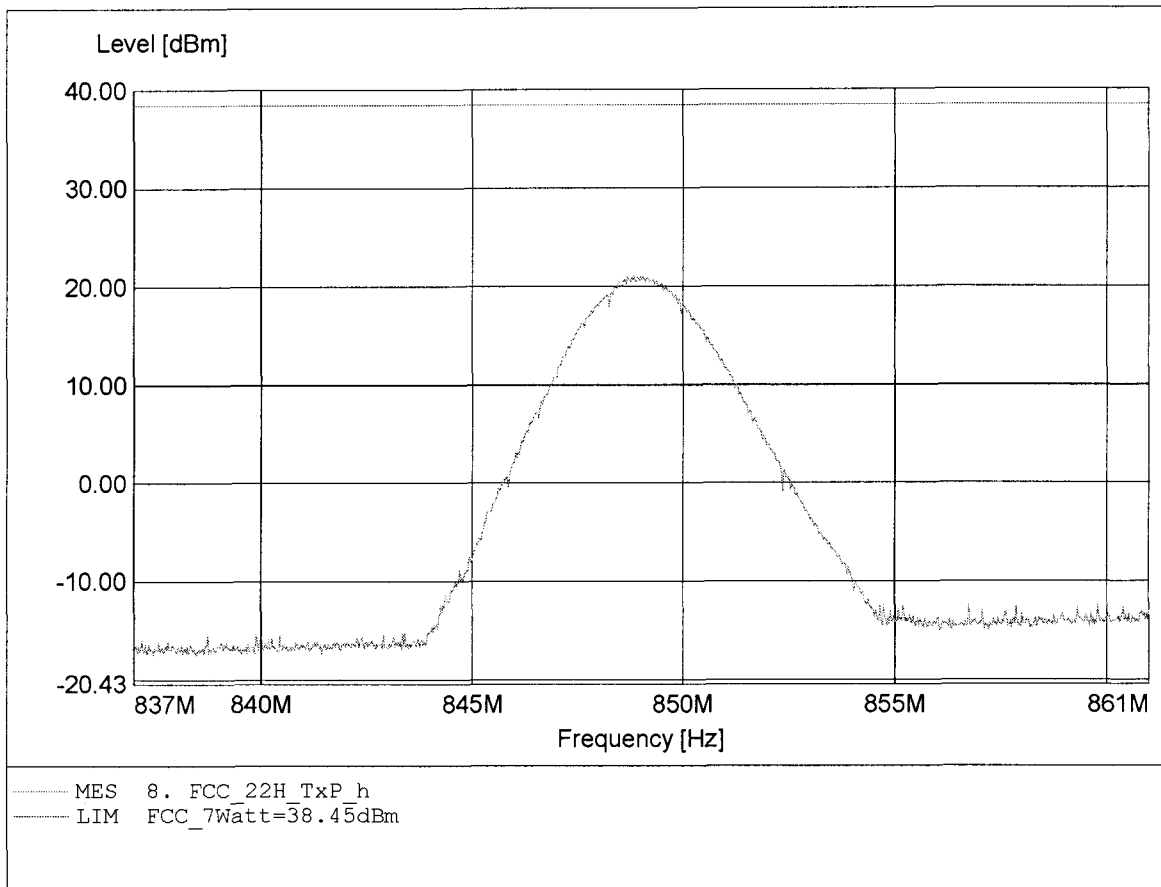
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 18.90dBm, RBW: 3MHz



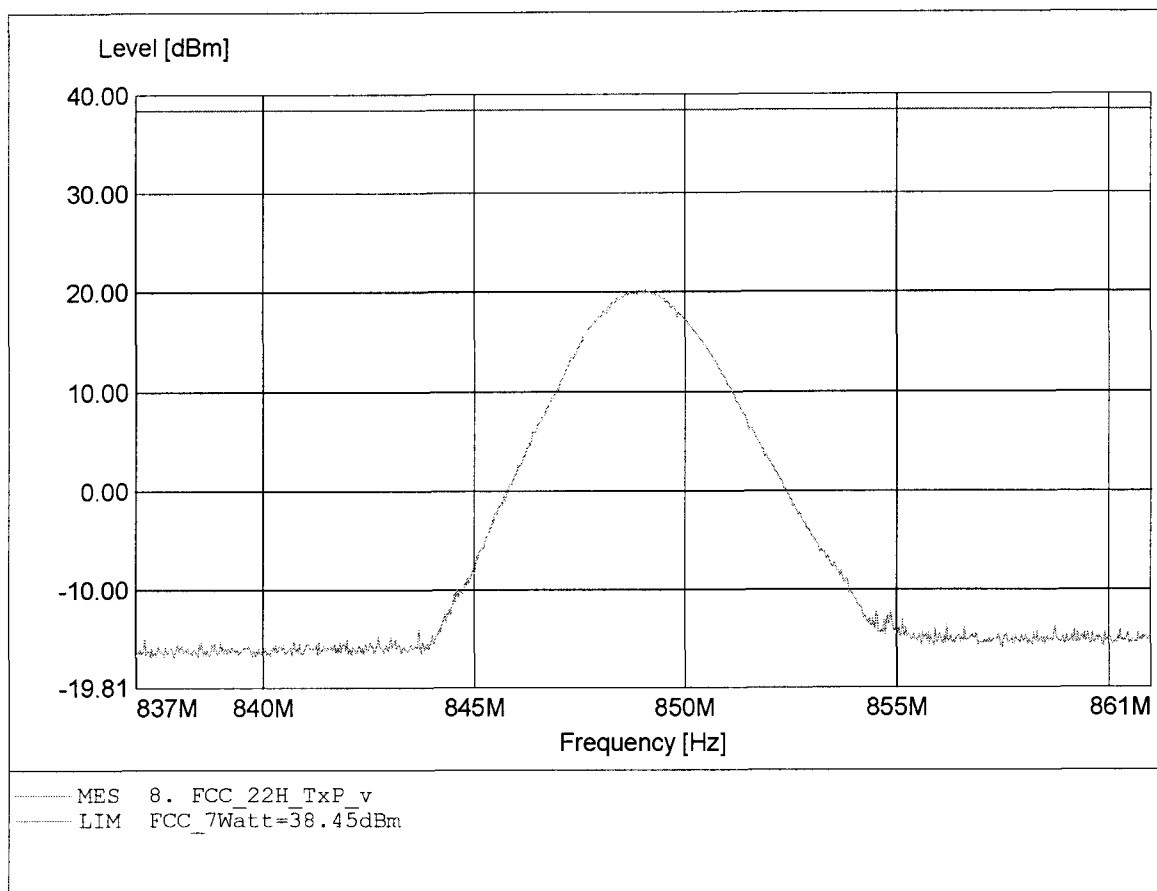
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.840MHz, Pmax: 21.05dBm, RBW: 3MHz



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

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.920MHz, Pmax: 20.22dBm, RBW: 3MHz





Appendix D

Modulation Requirements



Appendix E

Audio Filter Characteristics



Appendix F

Emission Limitation



Appendix G

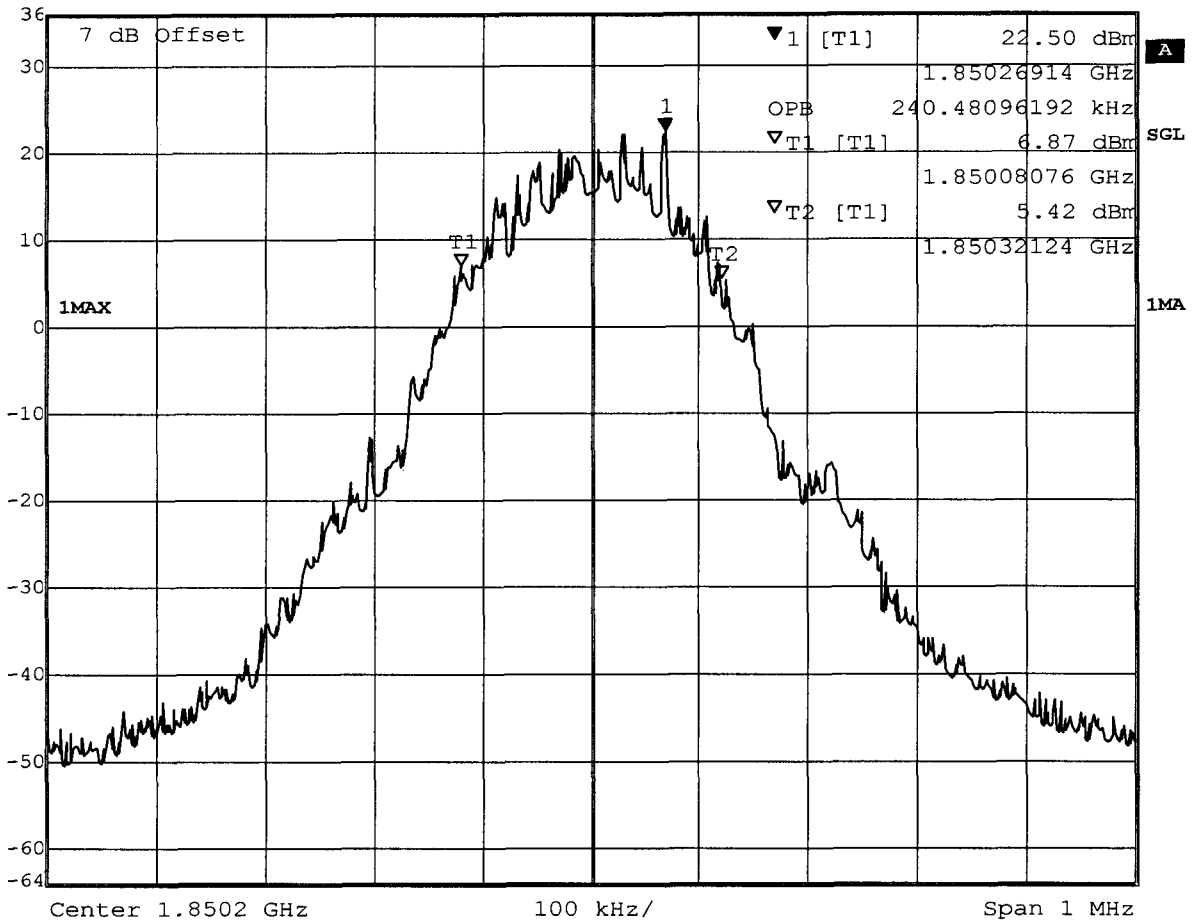
Occupied Bandwidth



**FCC Part 24 E
Occupied Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 512
 Comment 1
 Comment 2

Marker 1 [T1] RBW 3 kHz RF Att 50 dB
 Ref Lvl 22.50 dBm VBW 3 kHz
 36 dBm 1.85026914 GHz SWT 280 ms Unit dBm



Date: 14.MAR.2006 13:01:32

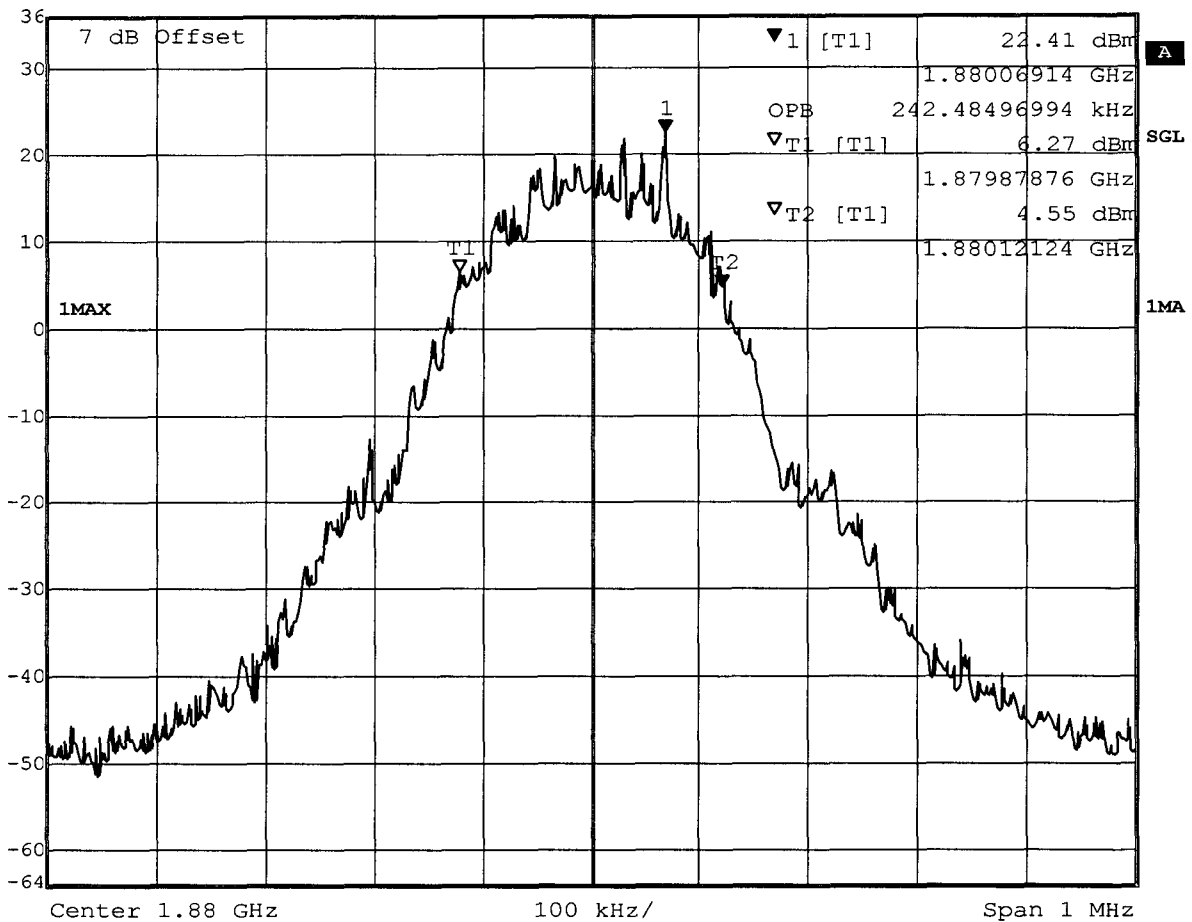
Measurement diagram



**FCC Part 24 E
Occupied Bandwidth**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 661
Comment 1	
Comment 2	

	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	22.41 dBm	VBW	3 kHz	
	36 dBm	1.88006914 GHz	SWT	280 ms	Unit dBm




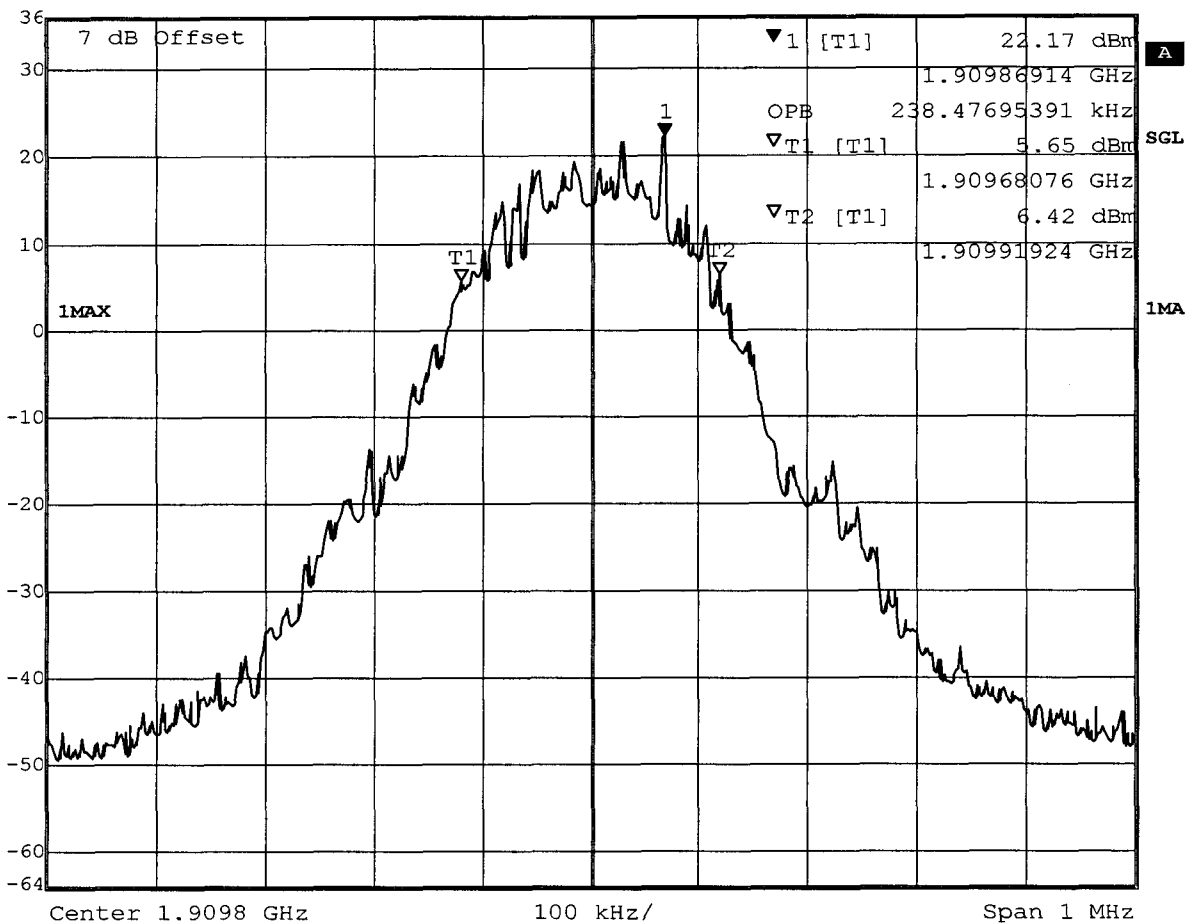
Date: 14.MAR.2006 13:00:25

Measurement diagram

**FCC Part 24 E
Occupied Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 810
 Comment 1
 Comment 2

	Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
	Ref Lvl	22.17 dBm	VBW	3 kHz	
	36 dBm	1.90986914 GHz	SWT	280 ms	Unit



Date: 14.MAR.2006 12:58:04

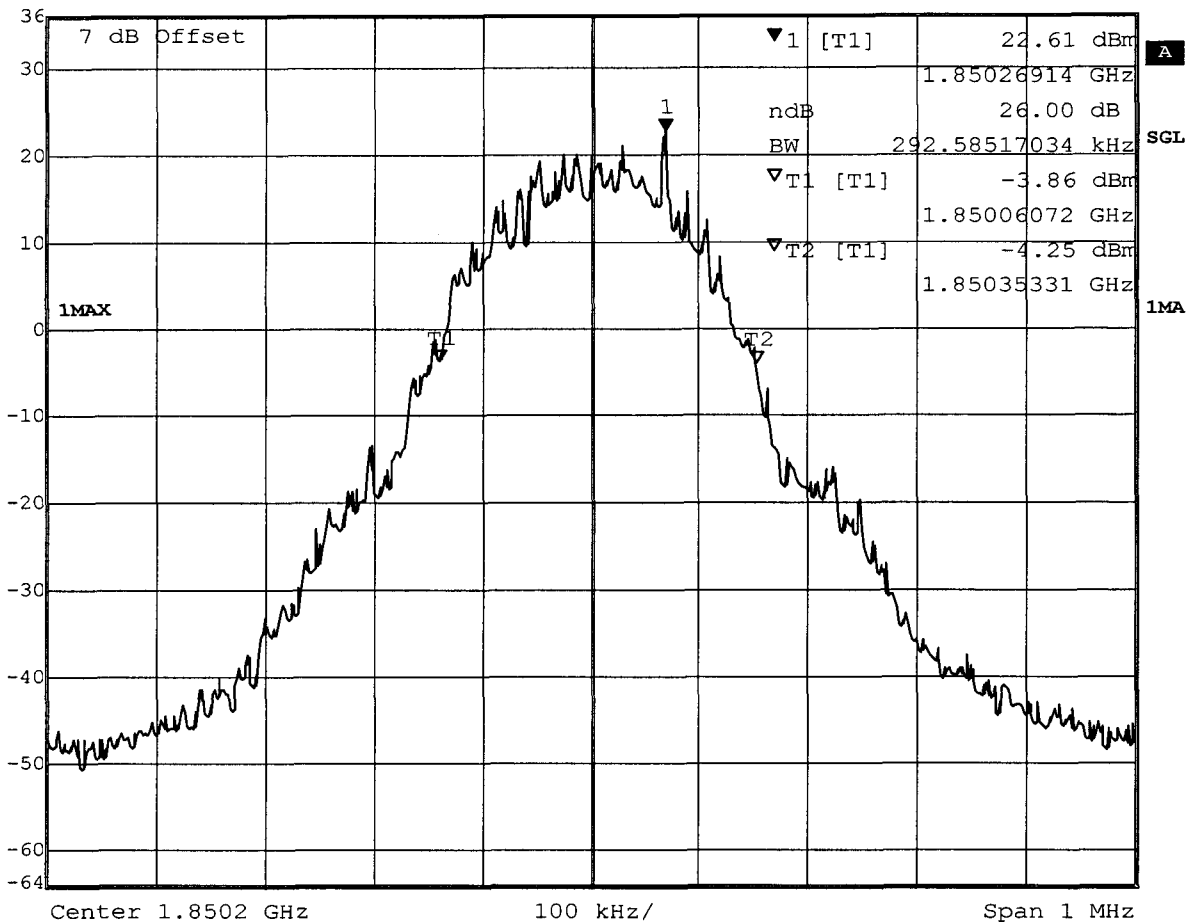
Measurement diagram



**FCC Part 24 E
Emission Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 24 Subpart E - Broadband PCS
 Test Case Channel: 512
 Comment 1 -26 dB Emission Bandwidth
 Comment 2

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



Date: 14.MAR.2006 13:02:48

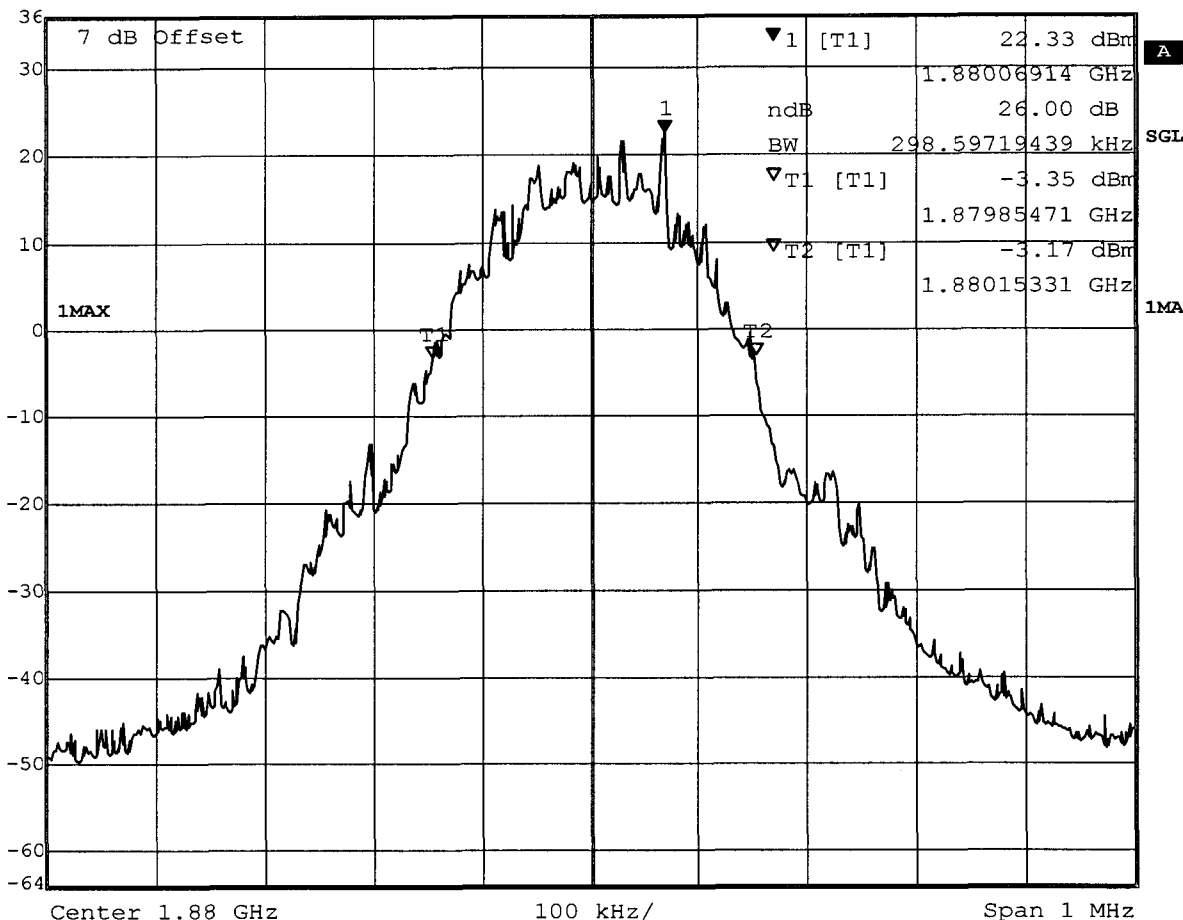
Measurement diagram



FCC Part 24 E
Emission Bandwidth

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 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	298.59719439 kHz	SWT	280 ms



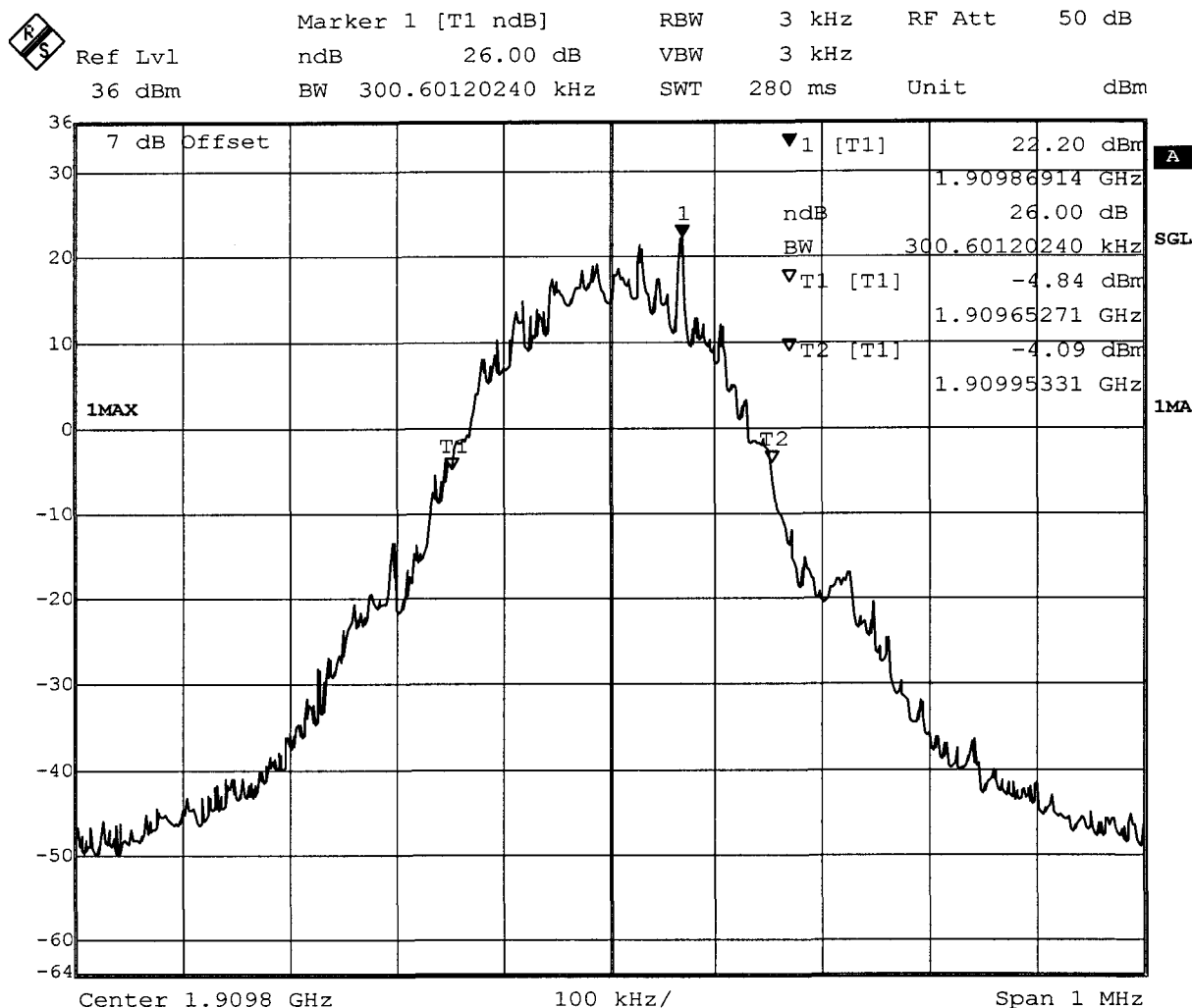
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Measurement diagram



**FCC Part 24 E
Emission Bandwidth**

EUT	TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
Model	PG-1610
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	24°C / Unom: 4.20 V DC
Test Site / Operator	ETS / Mr. Walter
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Test Case	Channel: 810
Comment 1	-26 dB Emission Bandwidth
Comment 2	




Date: 14.MAR.2006 13:06:07

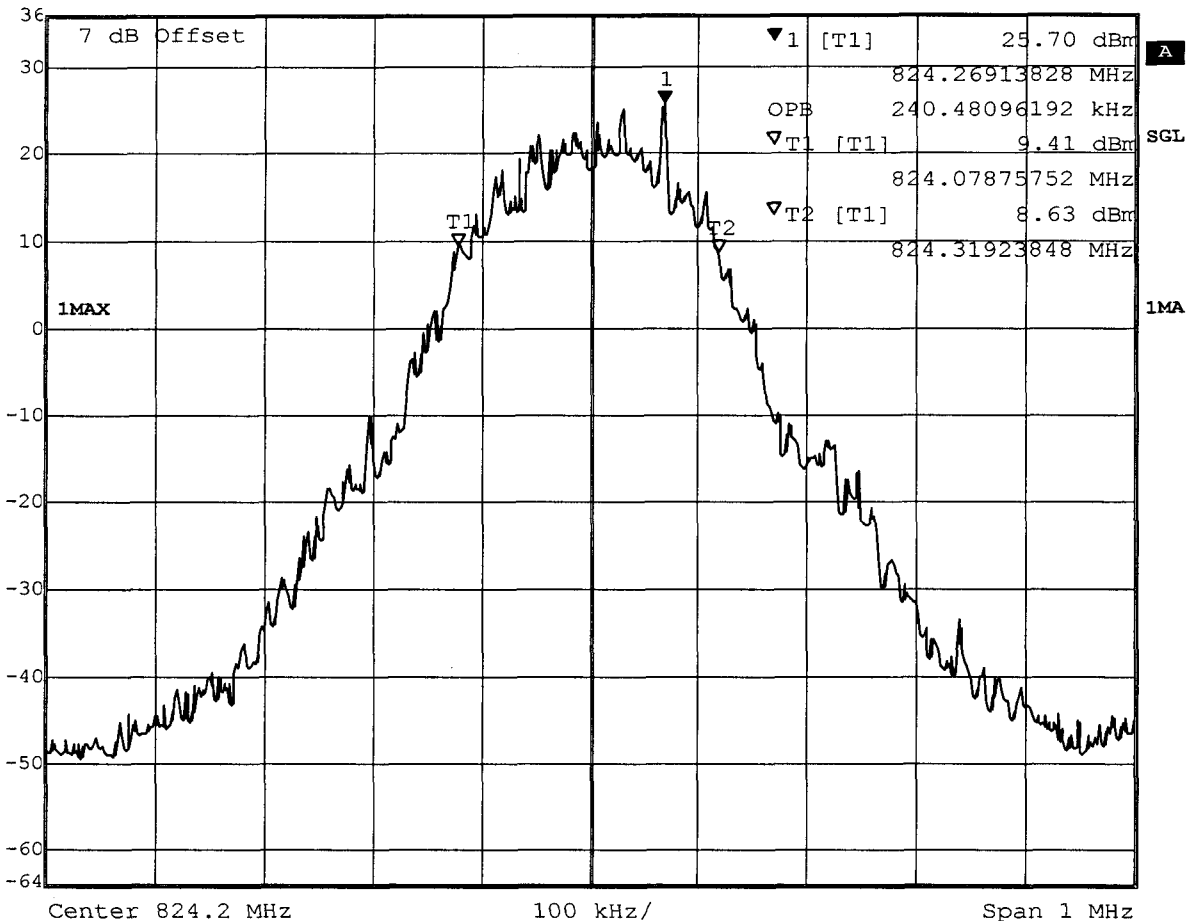
Measurement diagram



FCC Part 22 H
Occupied Bandwidth

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 128
 Comment 1
 Comment 2


 Marker 1 [T1] RBW 3 kHz RF Att 50 dB
 Ref Lvl 25.70 dBm VBW 3 kHz
 36 dBm 824.26913828 MHz SWT 280 ms Unit dBm



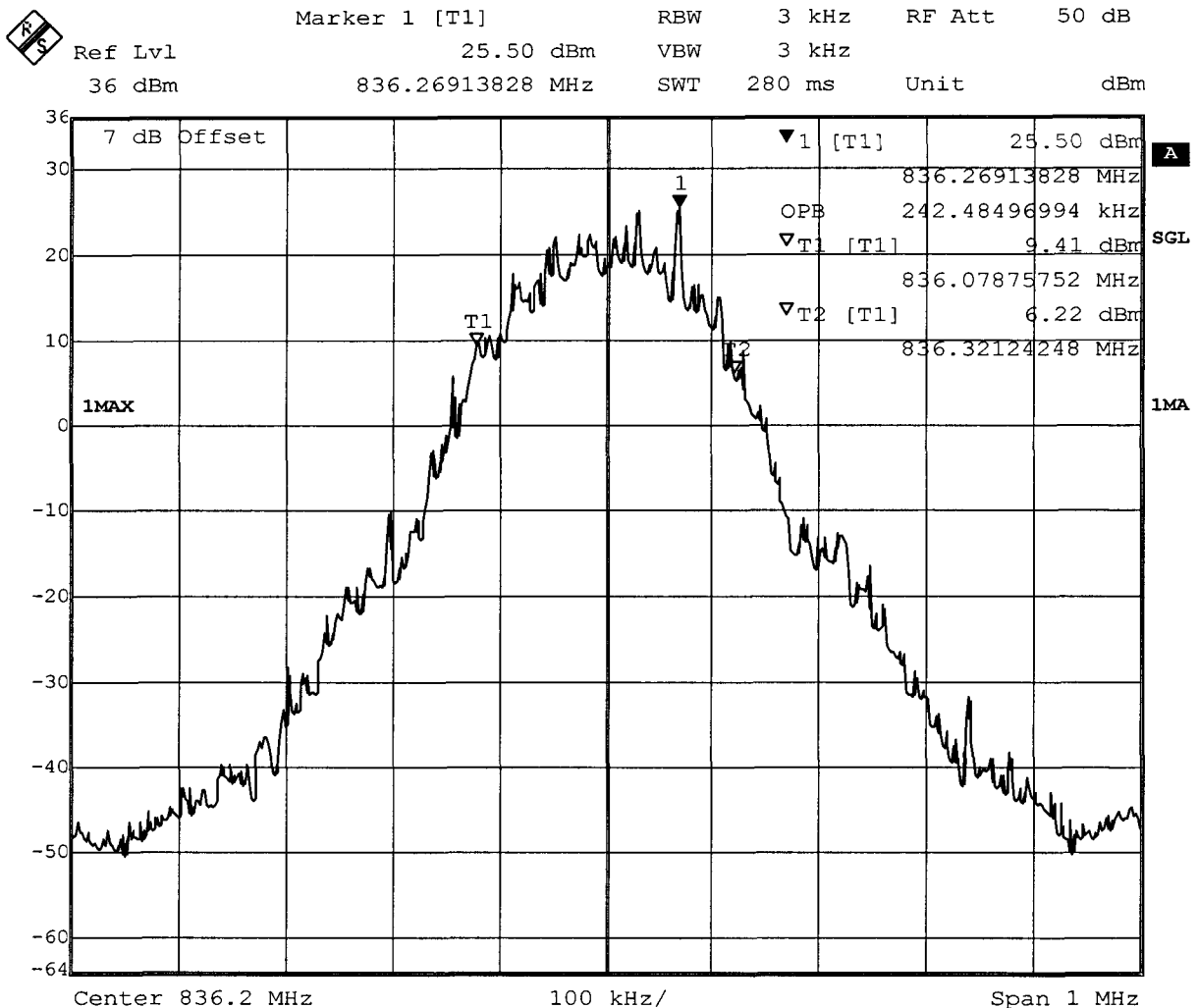
Date: 14.MAR.2006 11:36:41

Measurement diagram



**FCC Part 22 H
Occupied Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 188
 Comment 1
 Comment 2



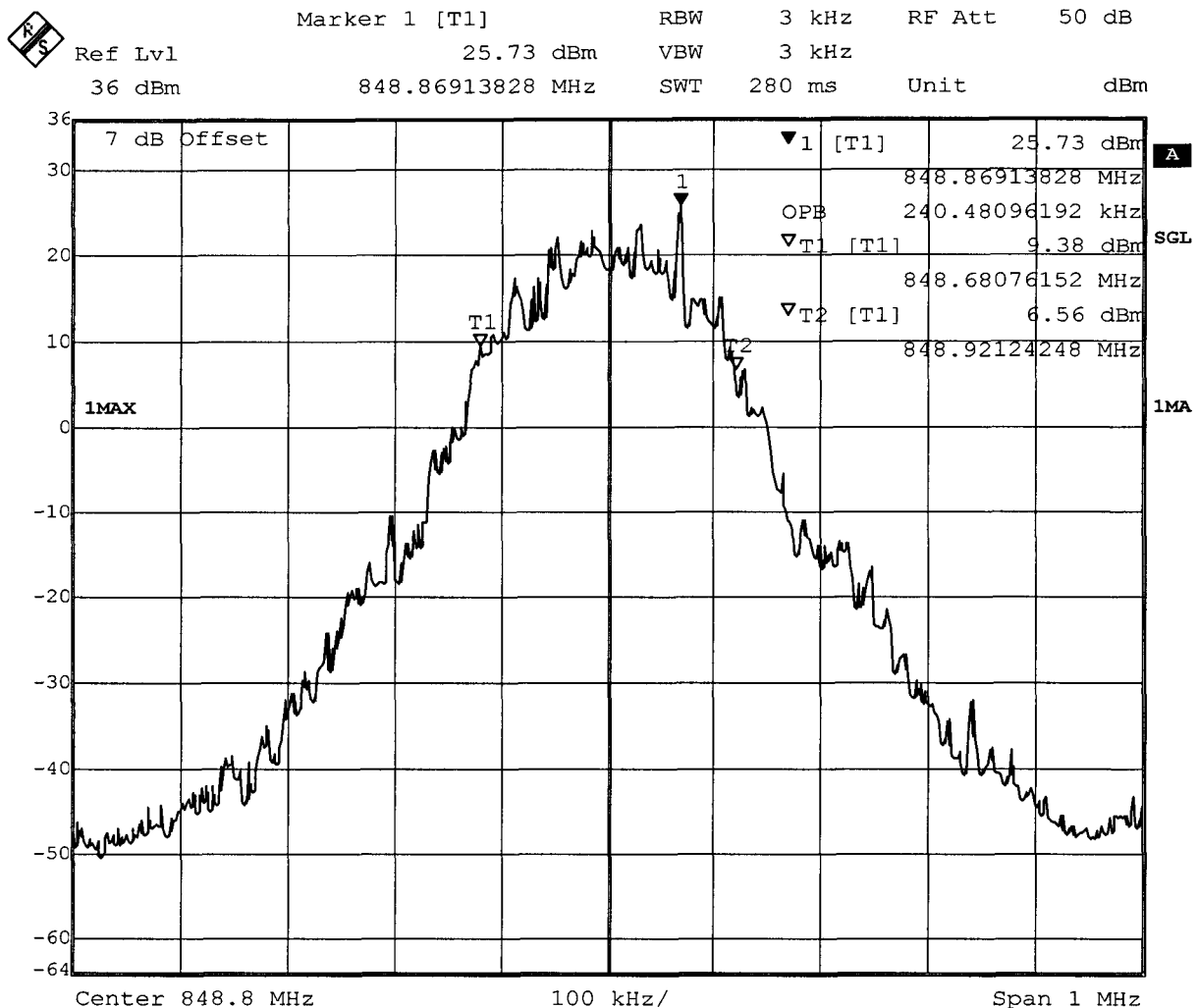
Date: 14.MAR.2006 11:38:03

Measurement diagram



FCC Part 22 H
Occupied Bandwidth

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 251
 Comment 1
 Comment 2



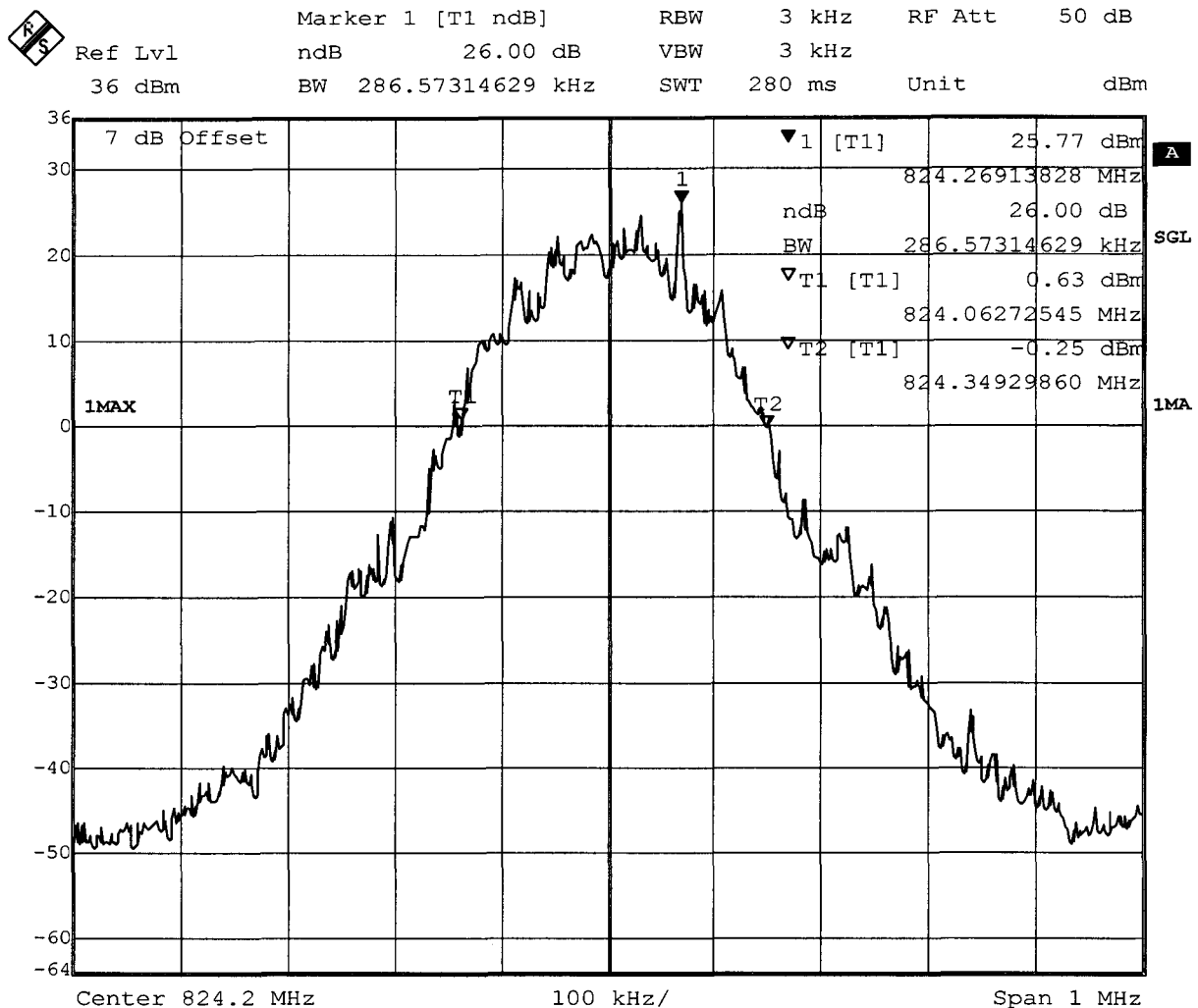
Date: 14.MAR.2006 11:41:25

Measurement diagram



**FCC Part 22 H
Emission Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 128
 Comment 1 -26 dB Emission Bandwidth
 Comment 2



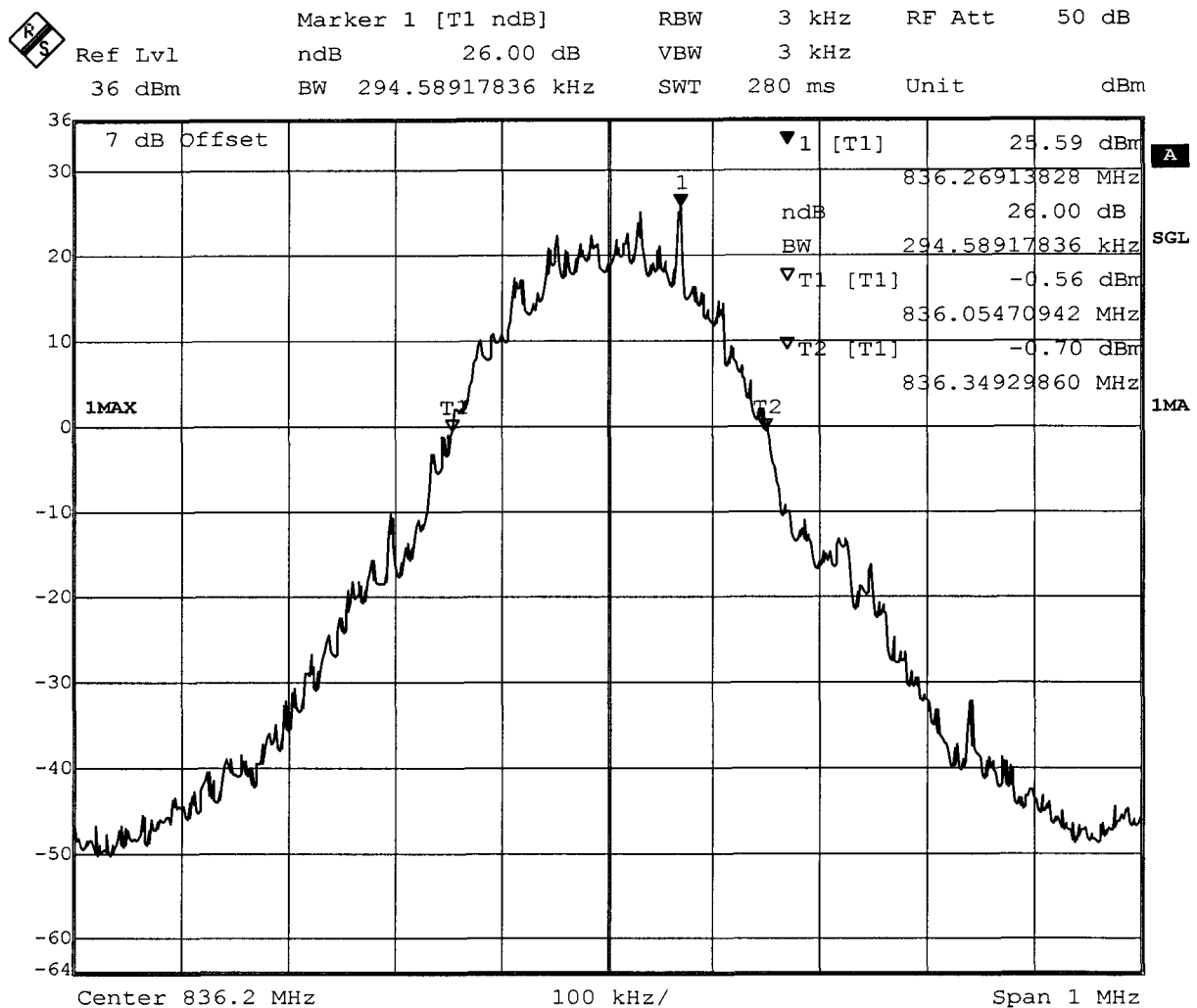
Date: 14.MAR.2006 12:34:28

Measurement diagram



**FCC Part 22 H
Emission Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 188
 Comment 1 -26 dB Emission Bandwidth
 Comment 2



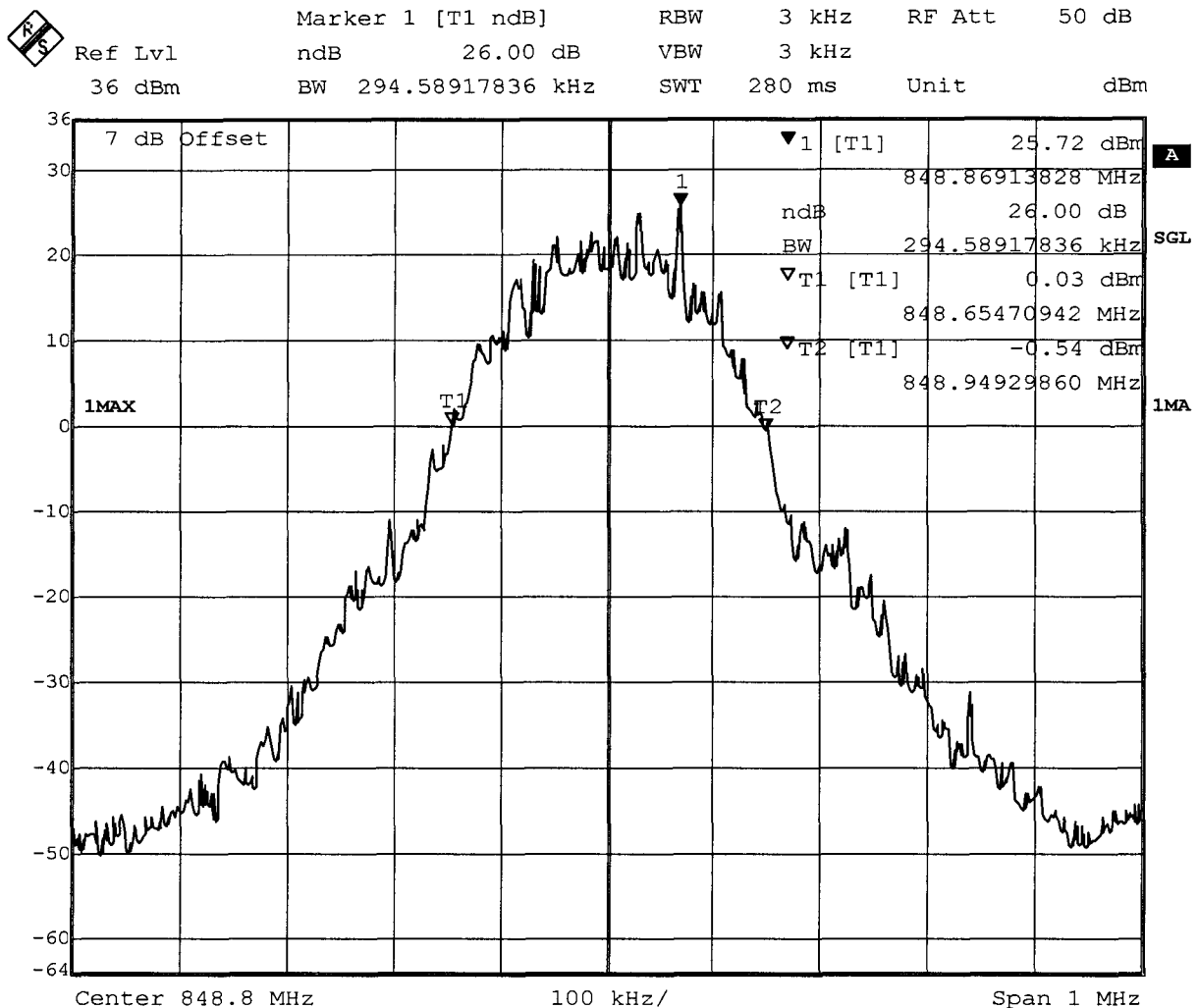
Date: 14.MAR.2006 12:29:52

Measurement diagram



**FCC Part 22 H
Emission Bandwidth**

EUT TRIPLE BAND GSM850/DCS1800/PCS1900 (WITH WAP & GPRS)
 Model PG-1610
 Approval Holder PANTECH CO., LTD.
 Temperature / Voltage 24°C / Unom: 4.20 V DC
 Test Site / Operator ETS / Mr. Walter
 Test Specification FCC Part 22 Subpart H - Cellular Radiotelephone Service
 Test Case Channel: 251
 Comment 1 -26 dB Emission Bandwidth
 Comment 2



Date: 14.MAR.2006 11:45:31

Measurement diagram



Appendix H

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

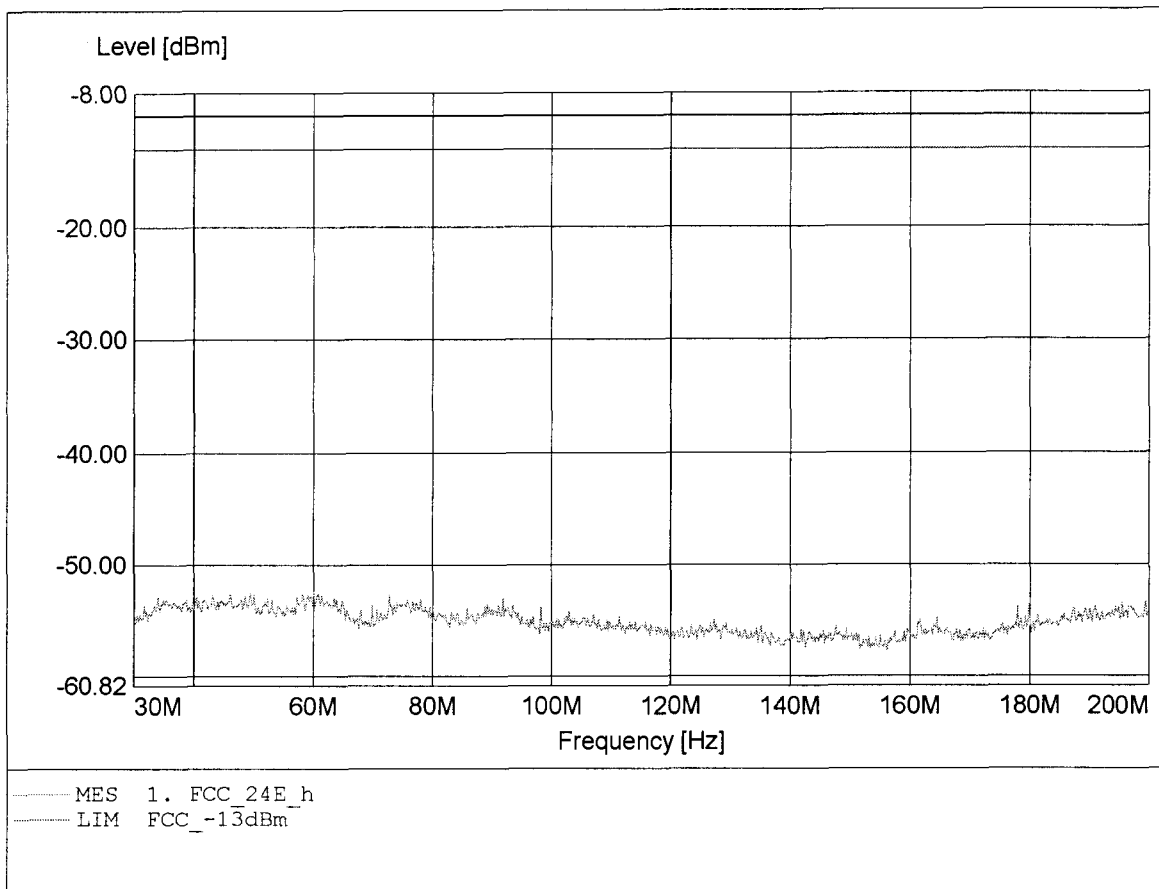


Appendix I

Spurious Radiation

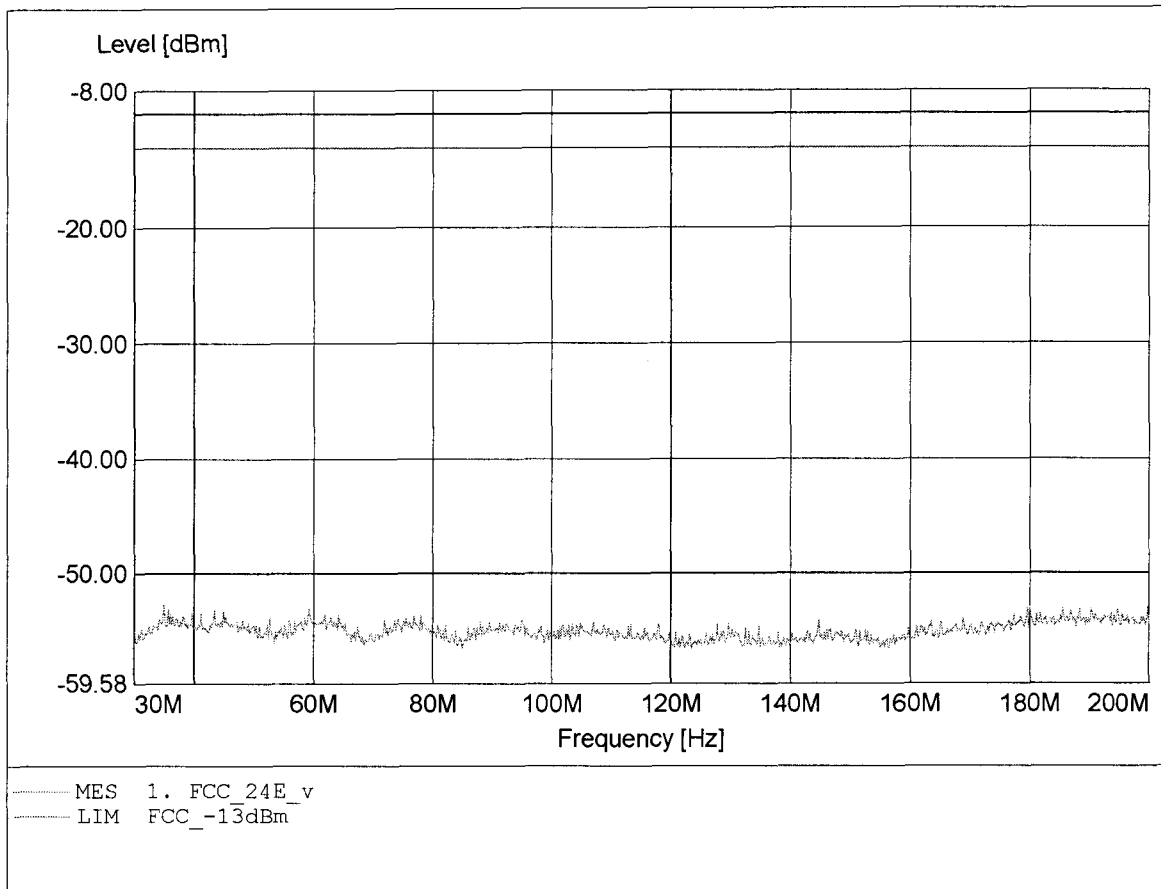
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: 60.033MHz, Pmax: -52.35dBm, RBW: 1MHz



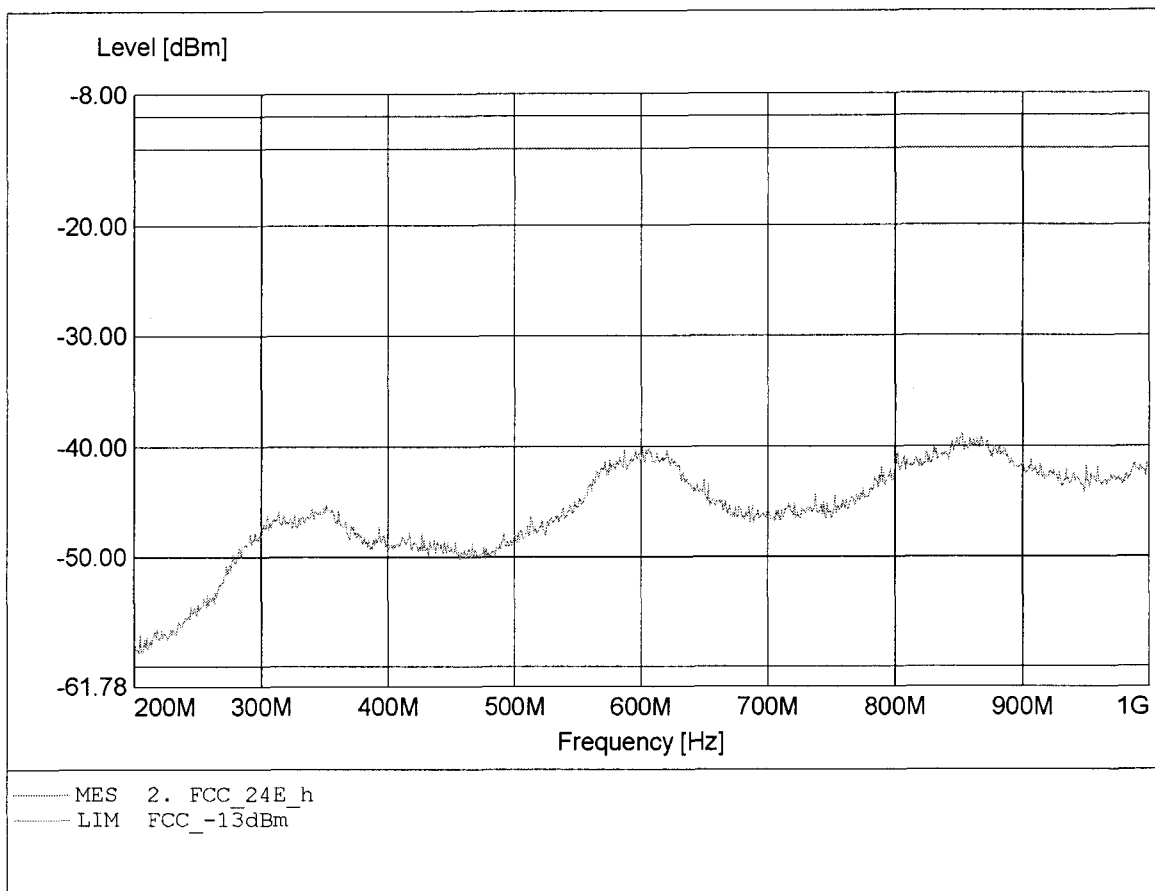
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: 34.911MHz, Pmax: -52.72dBm, RBW: 1MHz



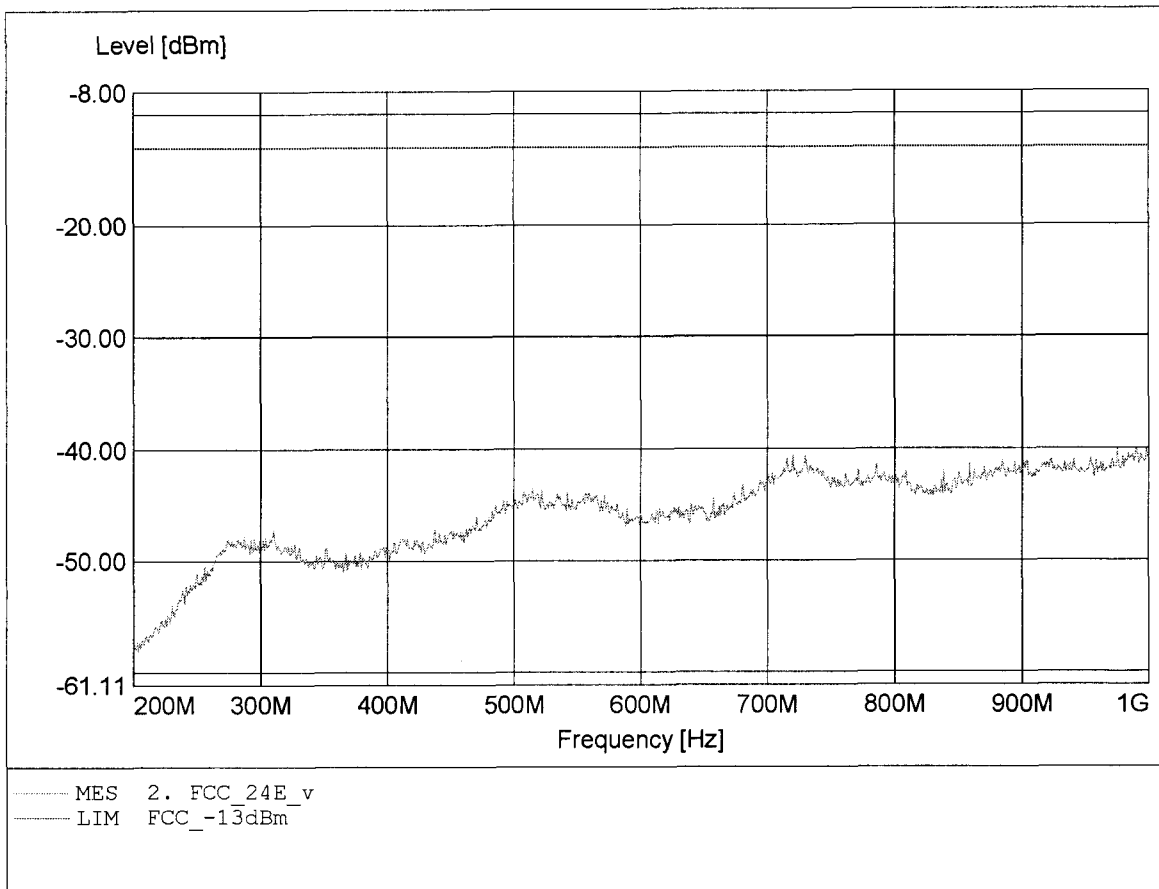
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 852.444MHz, Pmax: -38.91dBm, RBW: 1MHz



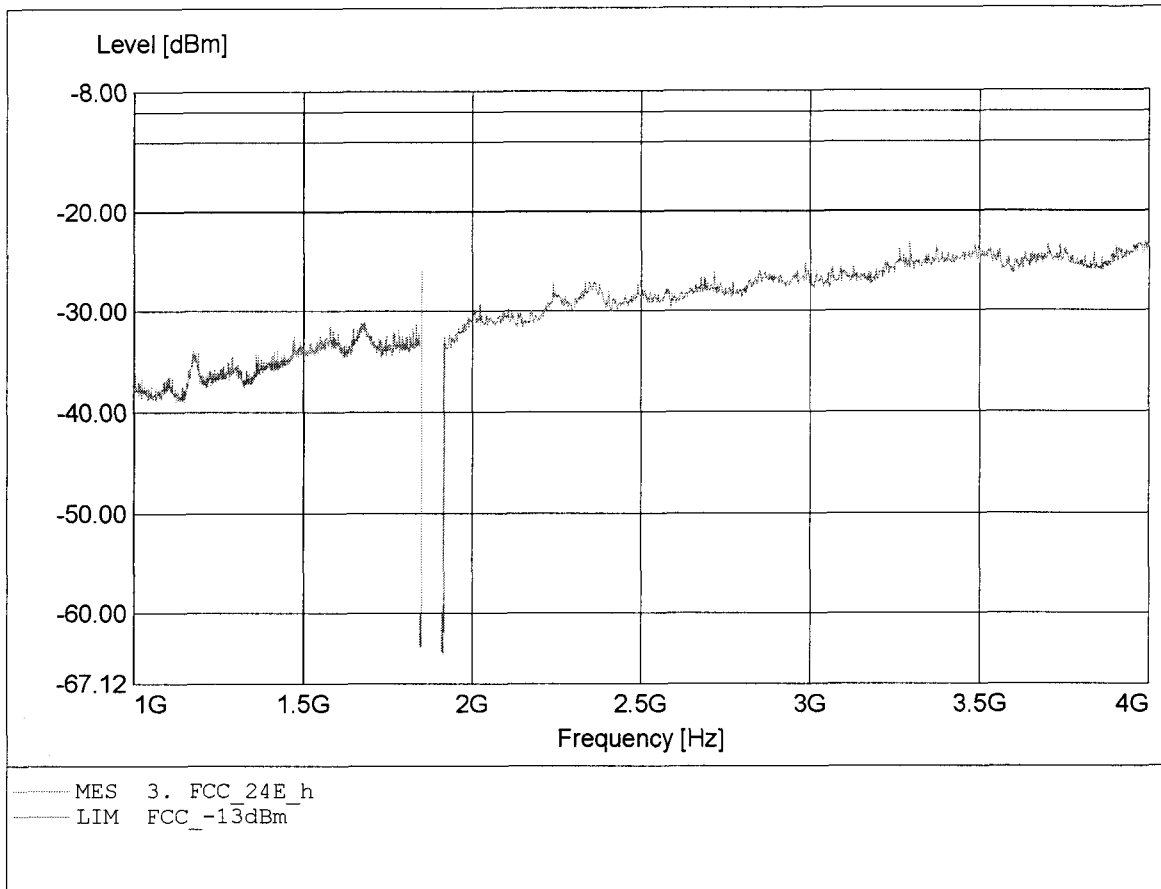
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 990.222MHz, Pmax: -39.92dBm, RBW: 1MHz



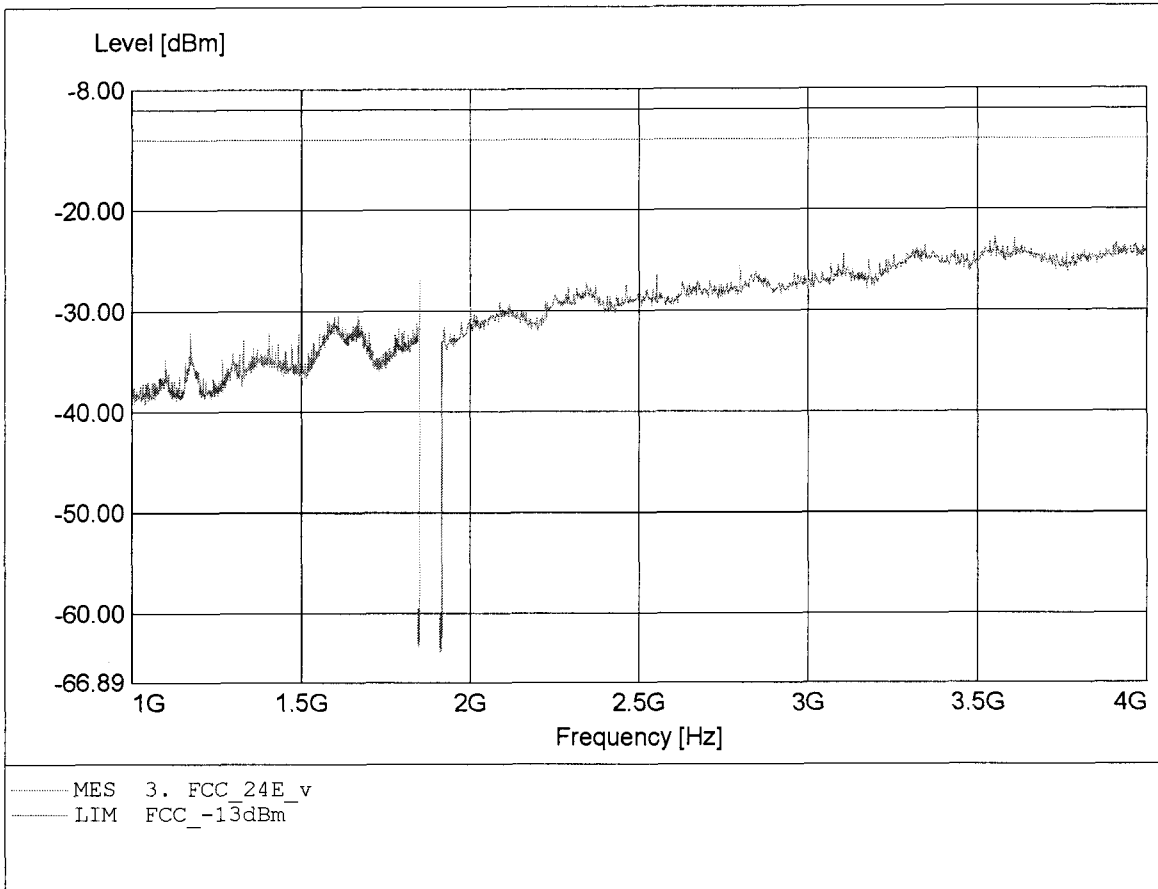
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.988GHz, Pmax: -23.14dBm, RBW: 1MHz/3kHz



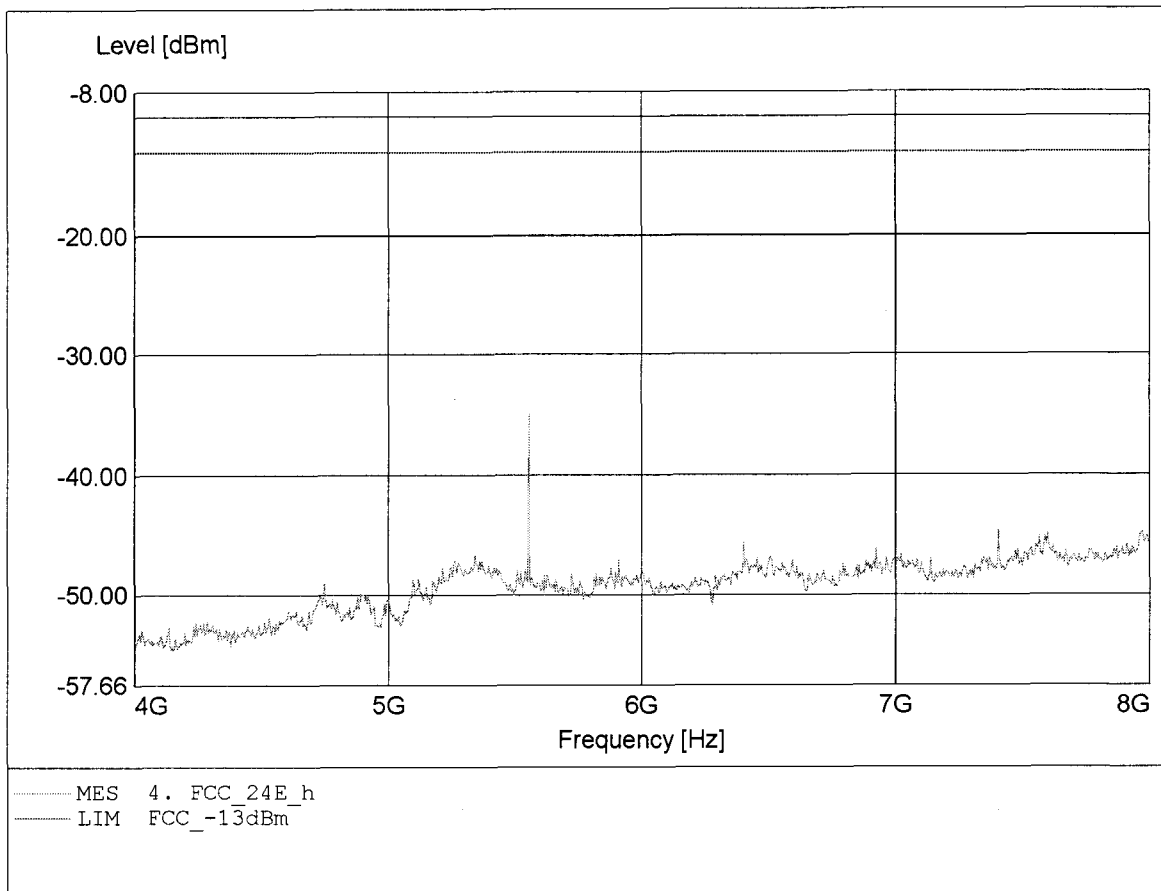
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.551GHz, Pmax: -22.77dBm, RBW: 1MHz/3kHz



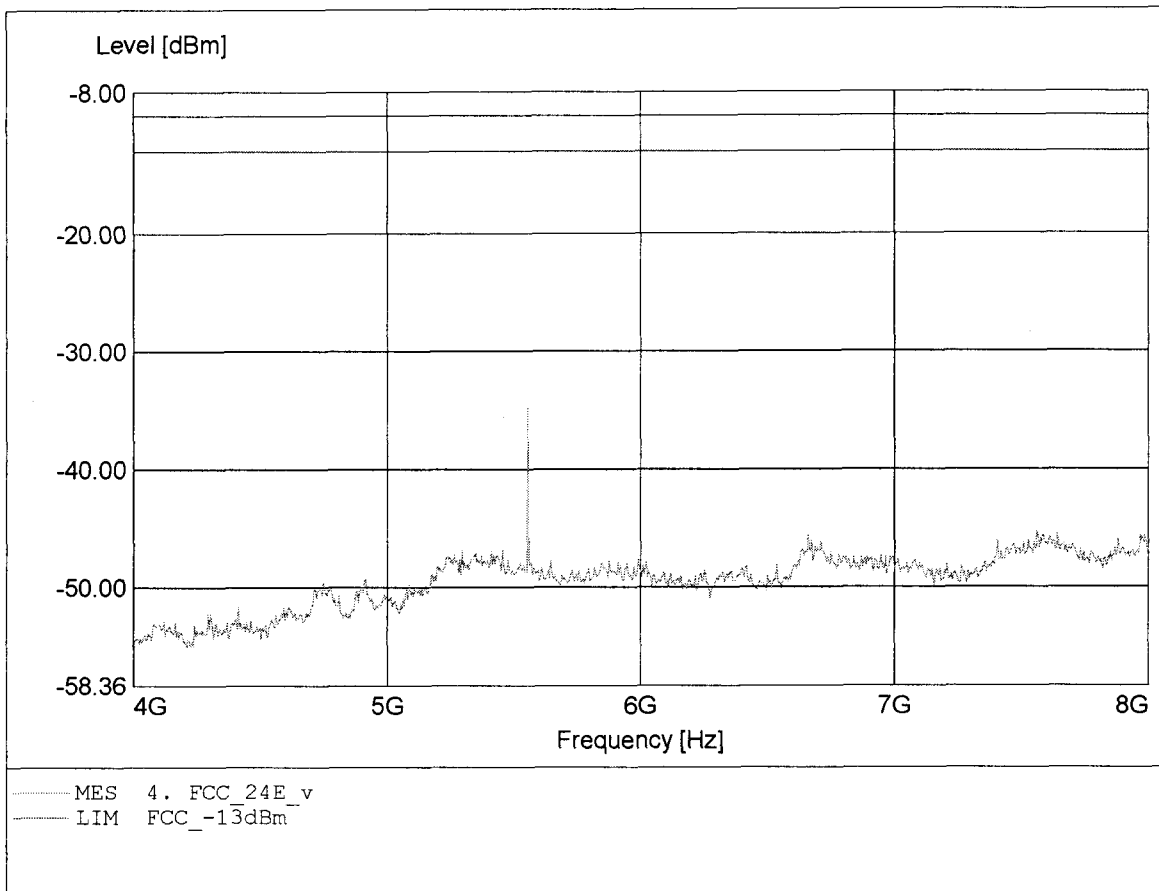
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: -34.96dBm, RBW: 1MHz



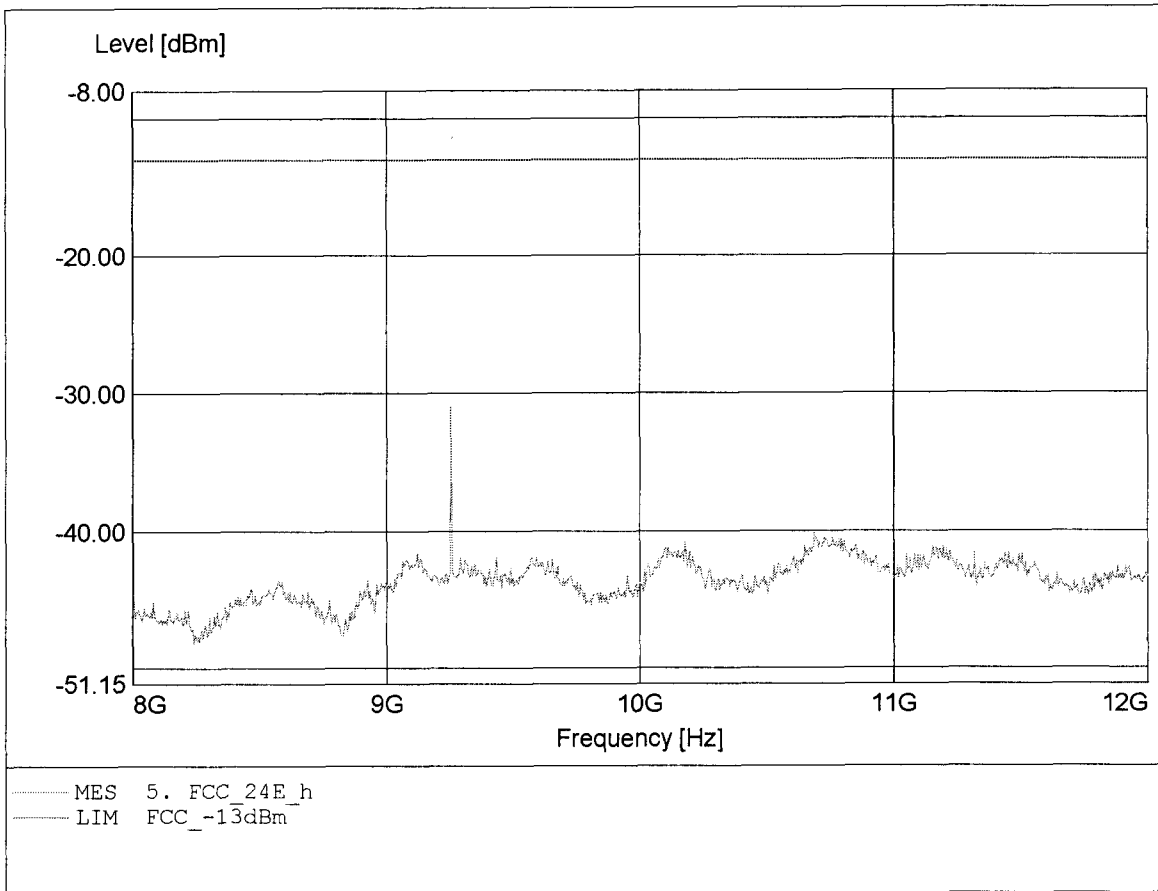
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: -34.80dBm, RBW: 1MHz



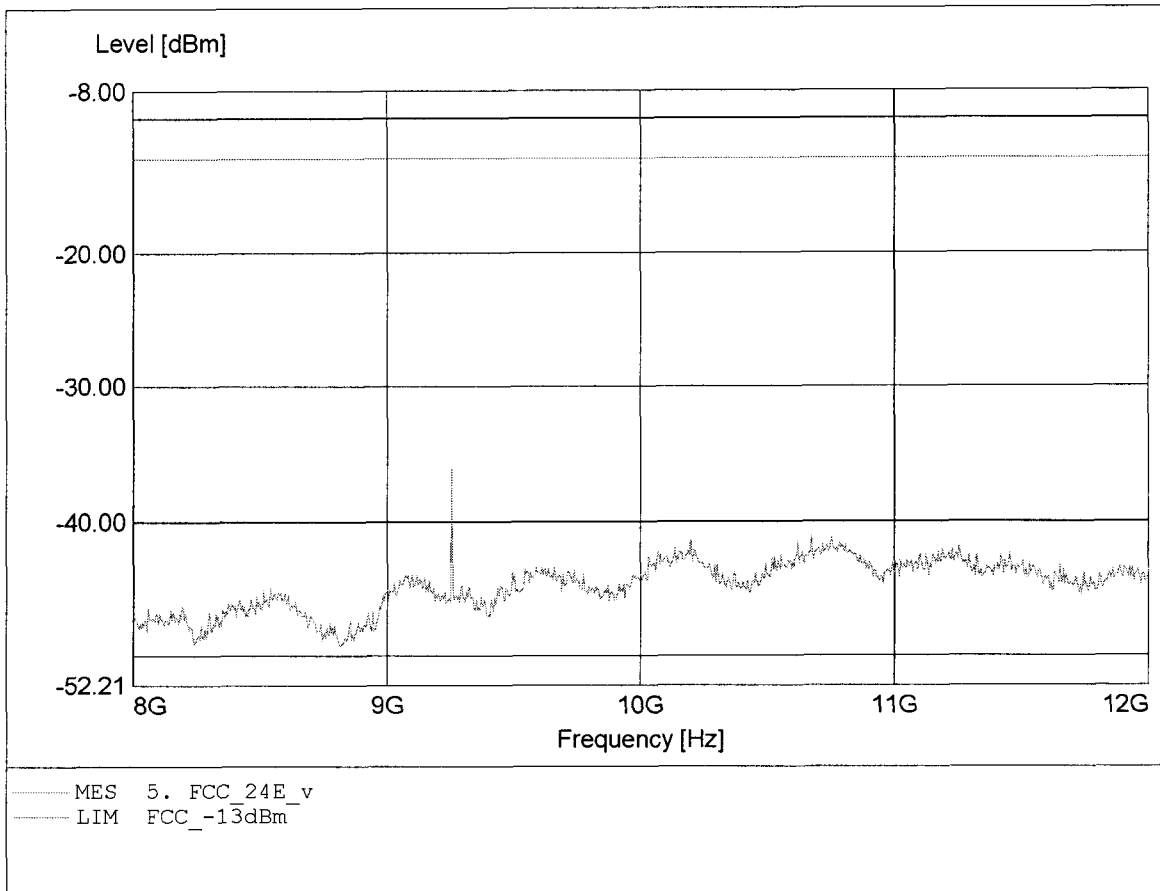
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: 9.253GHz, Pmax: -31.04dBm, RBW: 1MHz



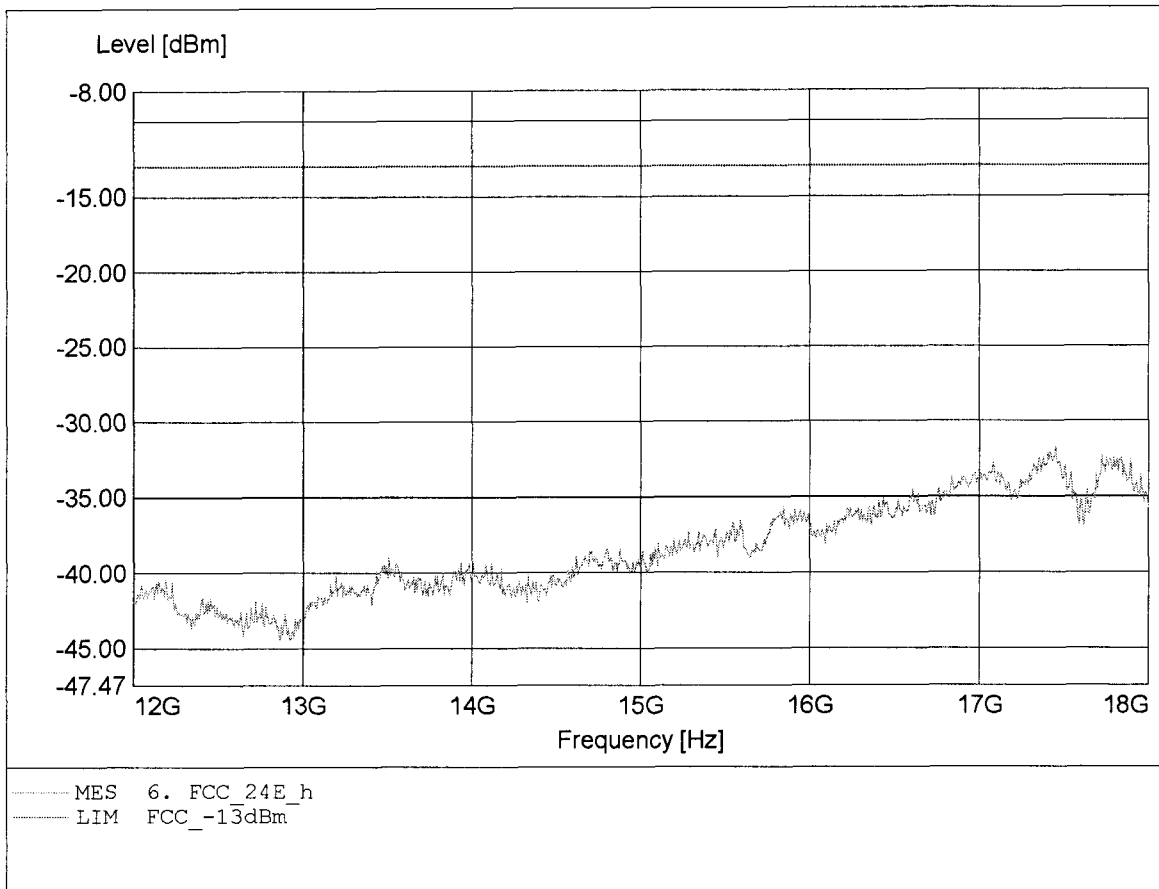
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: -36.13dBm, RBW: 1MHz



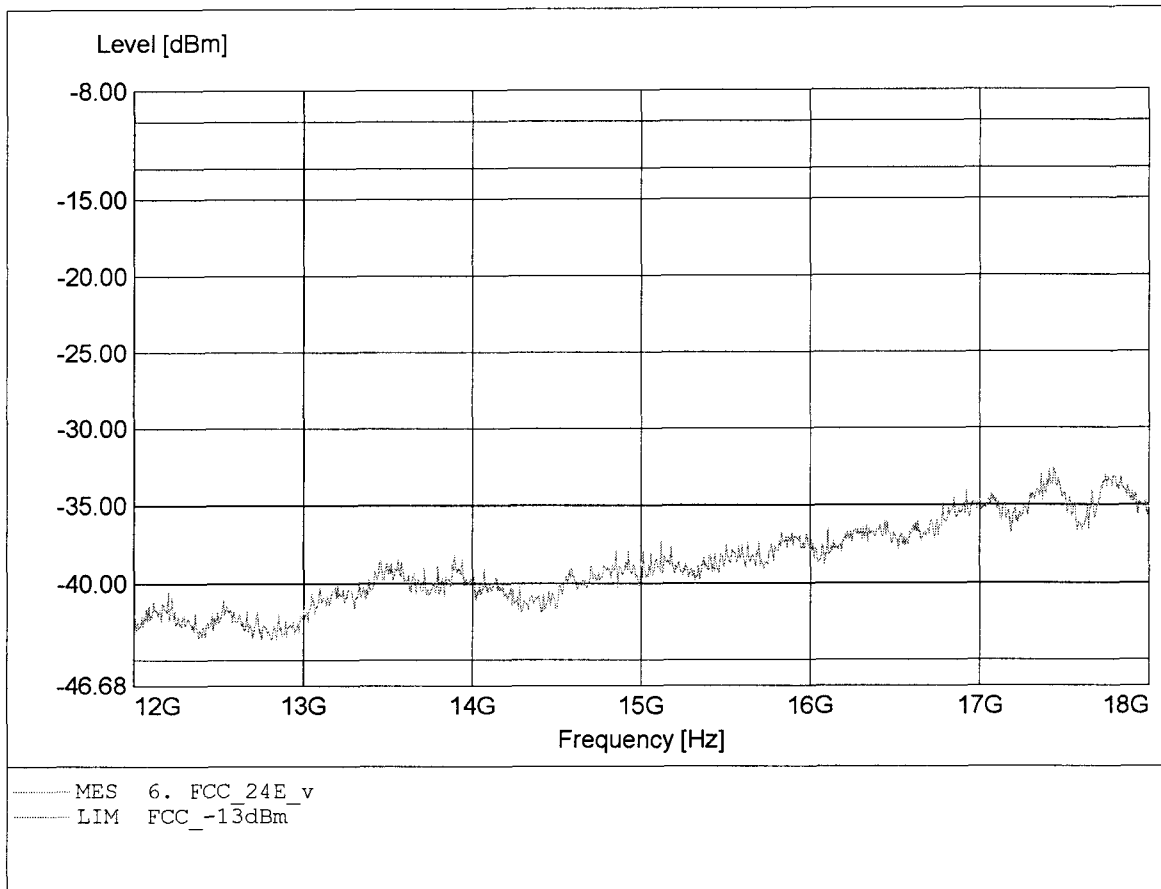
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: -31.74dBm, RBW: 1MHz



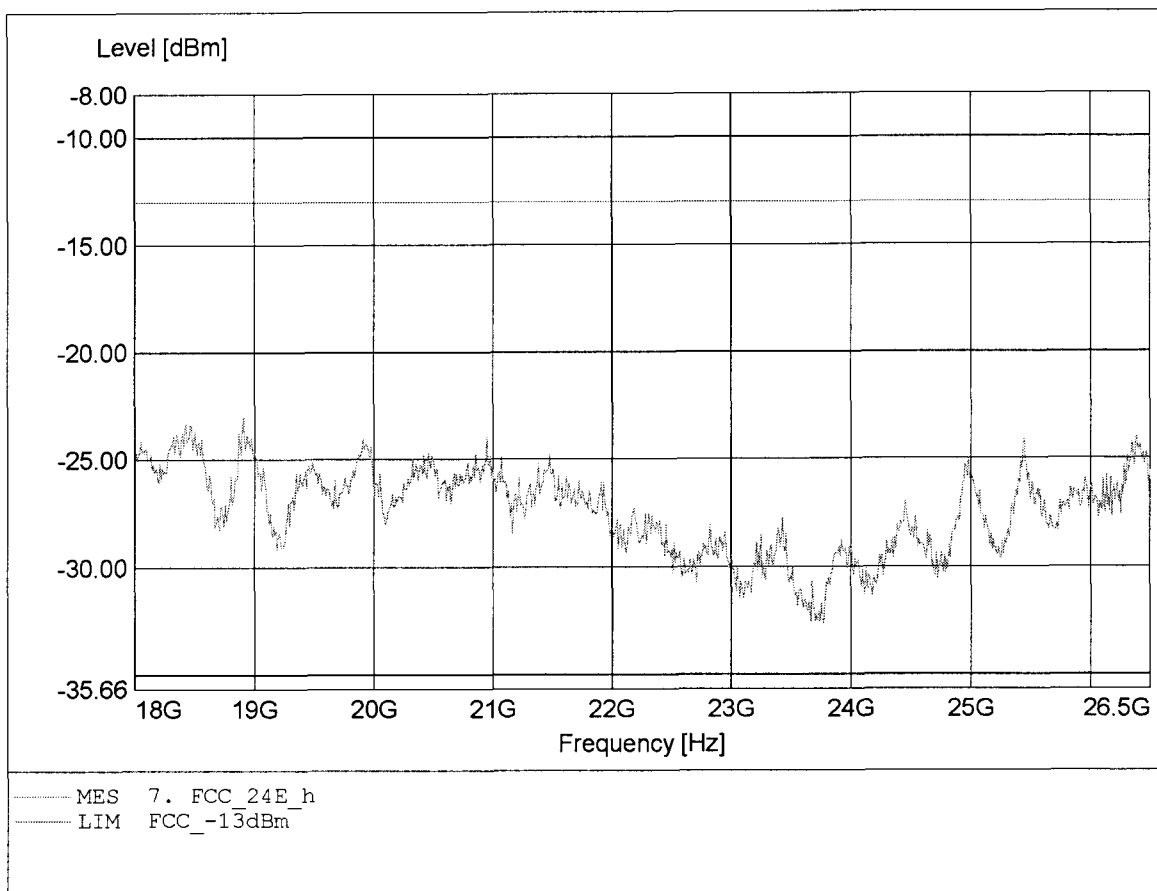
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: 17.433GHz, Pmax: -32.62dBm, RBW: 1MHz



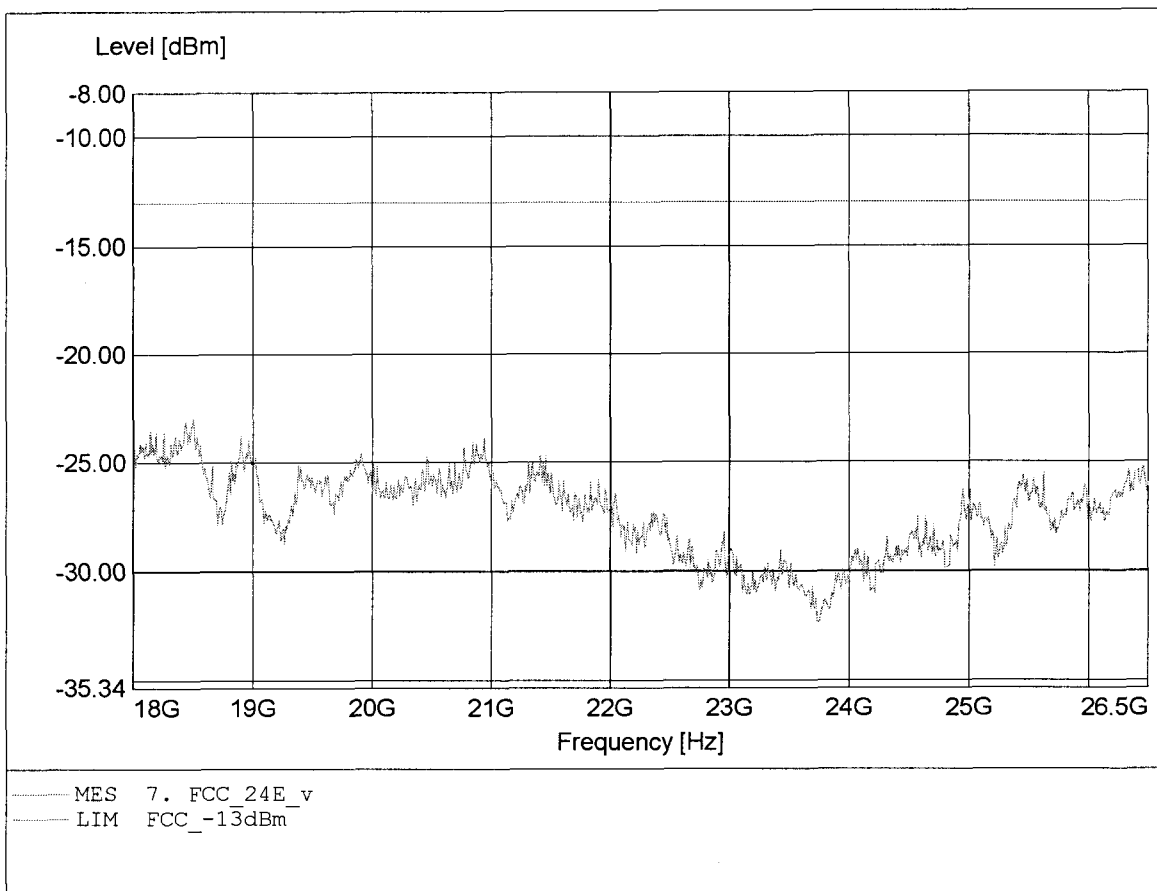
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
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: 18.907GHz, Pmax: -23.04dBm, RBW: 1MHz



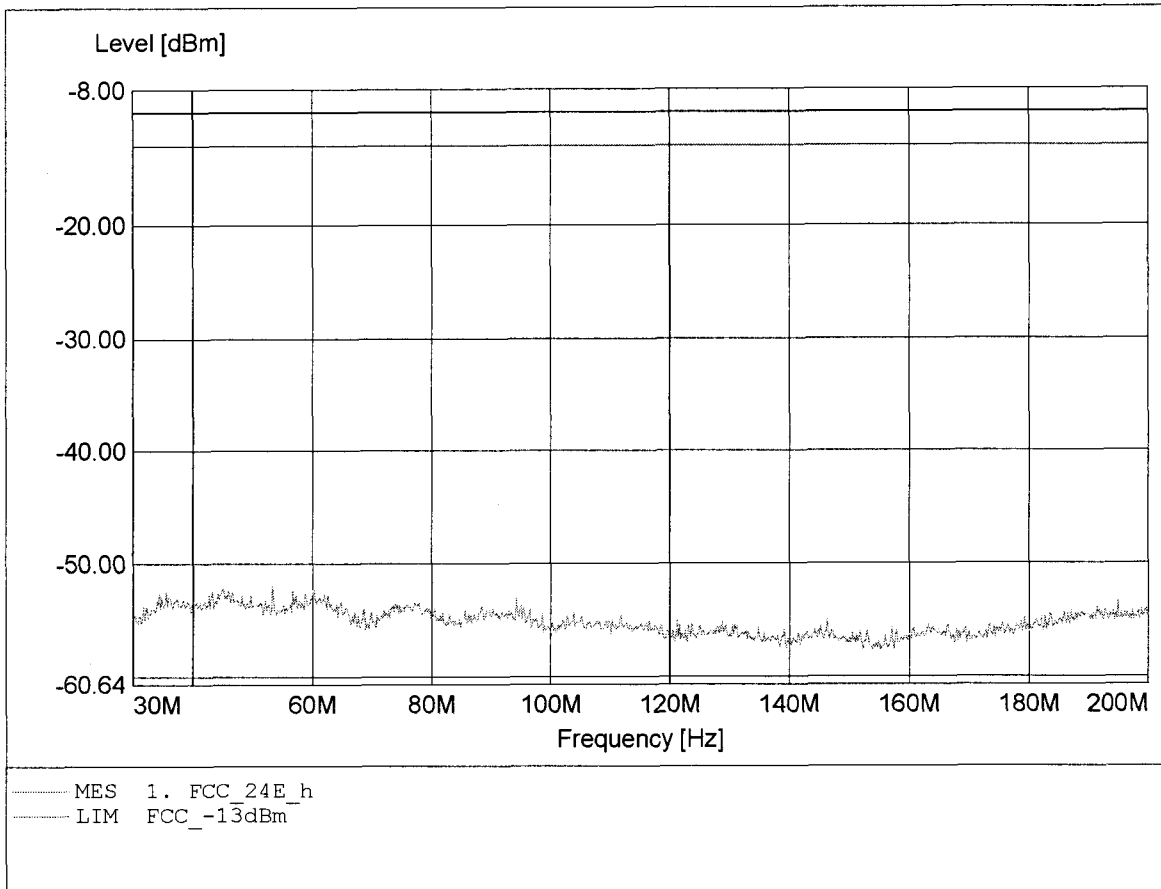
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 512
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.501GHz, Pmax: -22.94dBm, RBW: 1MHz



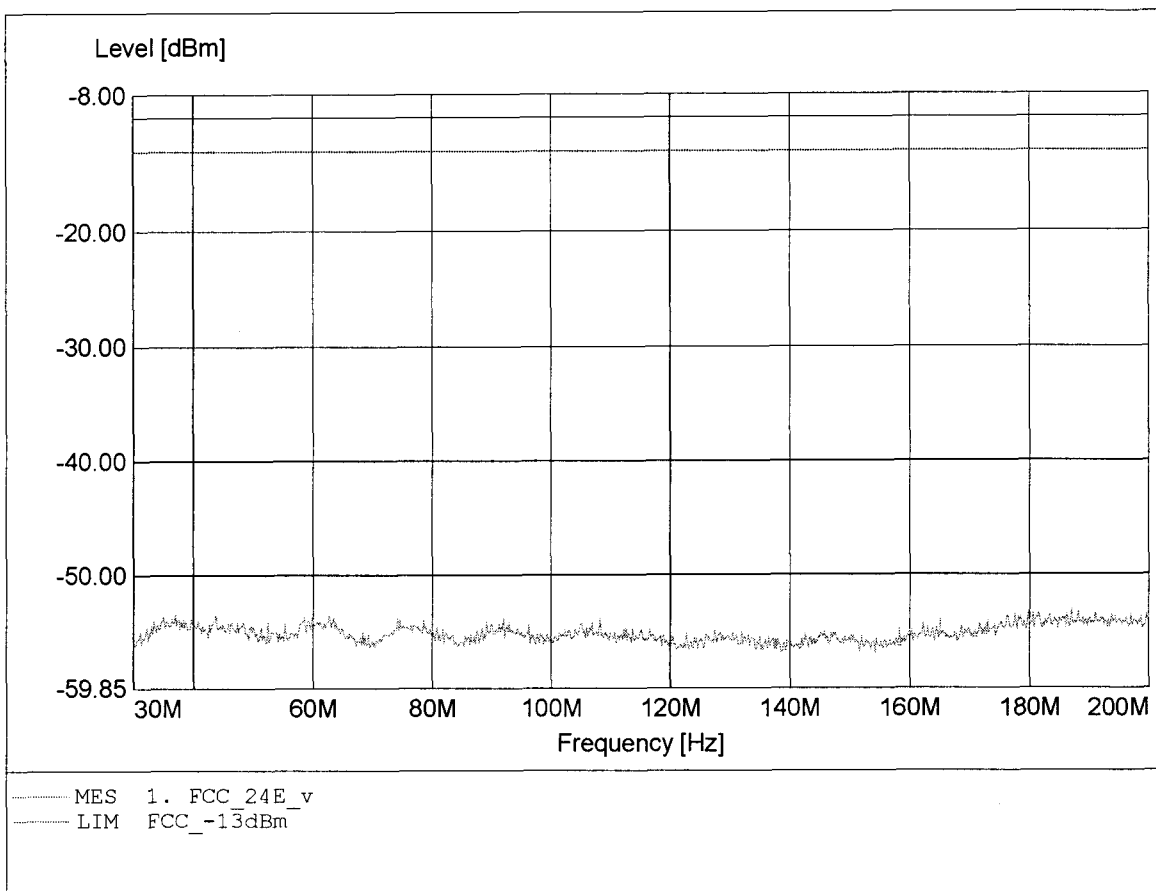
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 53.233MHz, Pmax: -51.95dBm, RBW: 1MHz



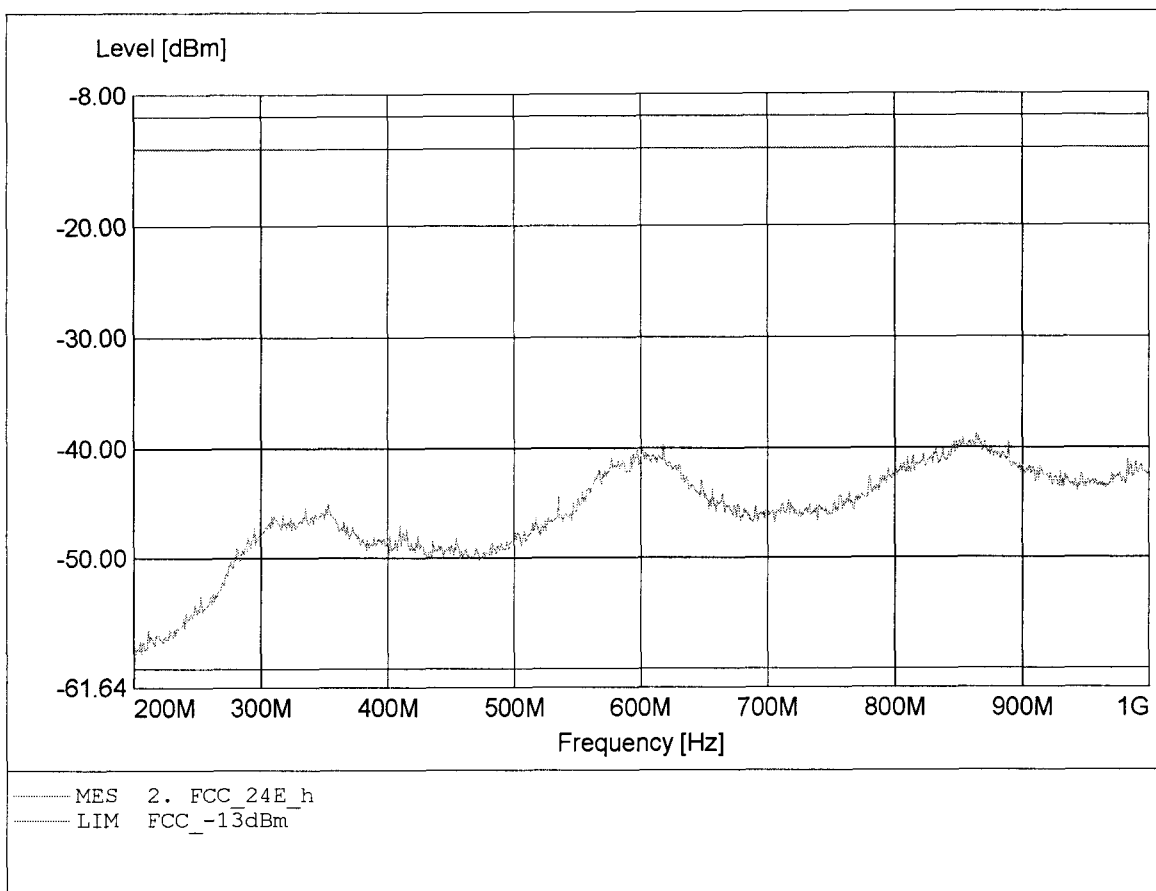
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 186.967MHz, Pmax: -53.06dBm, RBW: 1MHz



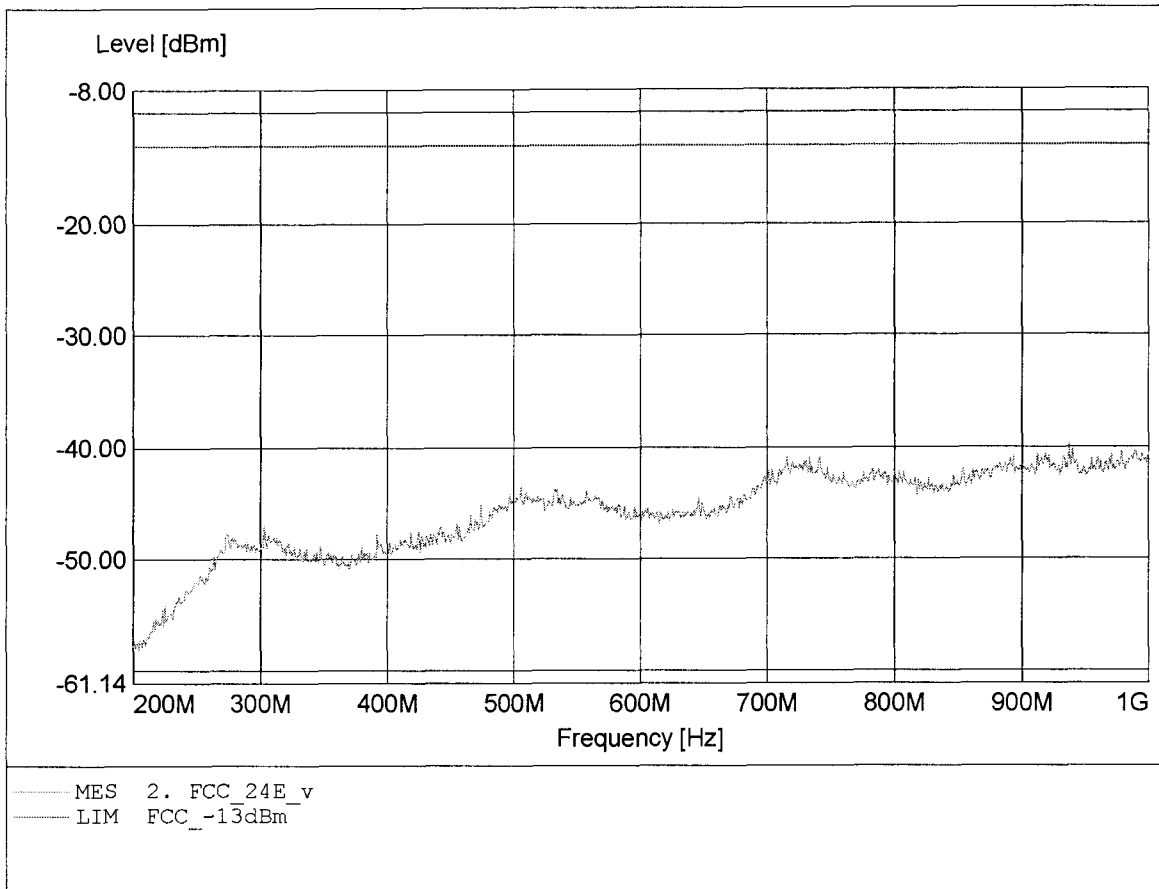
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 864.000MHz, Pmax: -38.70dBm, RBW: 1MHz



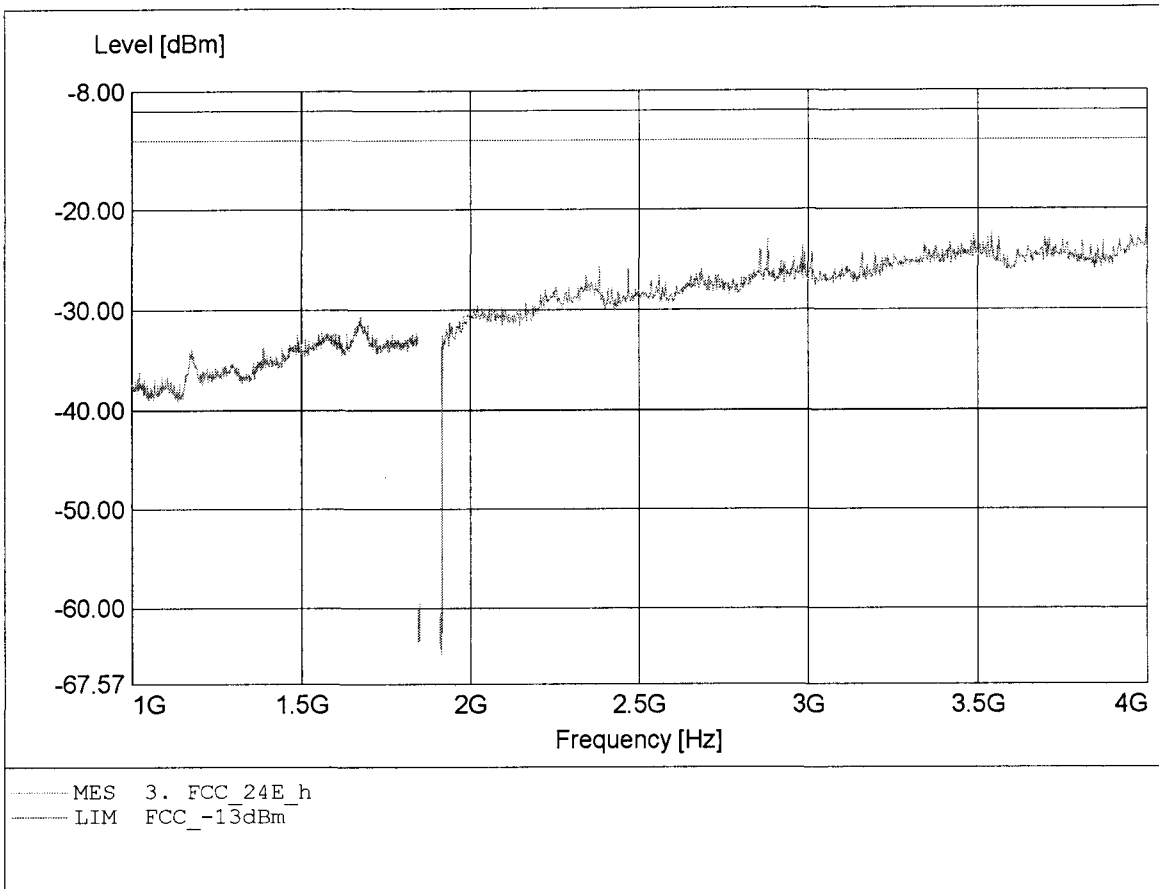
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 936.889MHz, Pmax: -39.73dBm, RBW: 1MHz



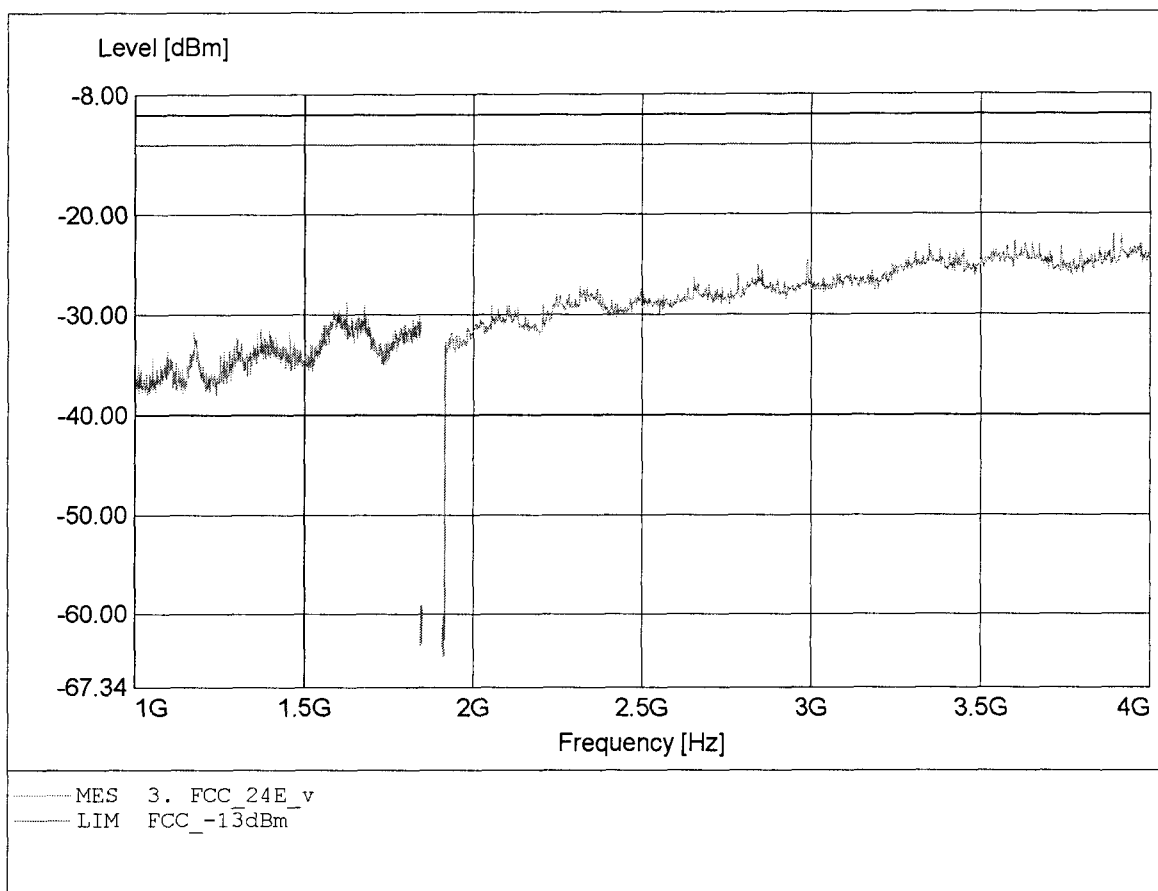
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.995GHz, Pmax: -21.79dBm, RBW: 1MHz/3kHz



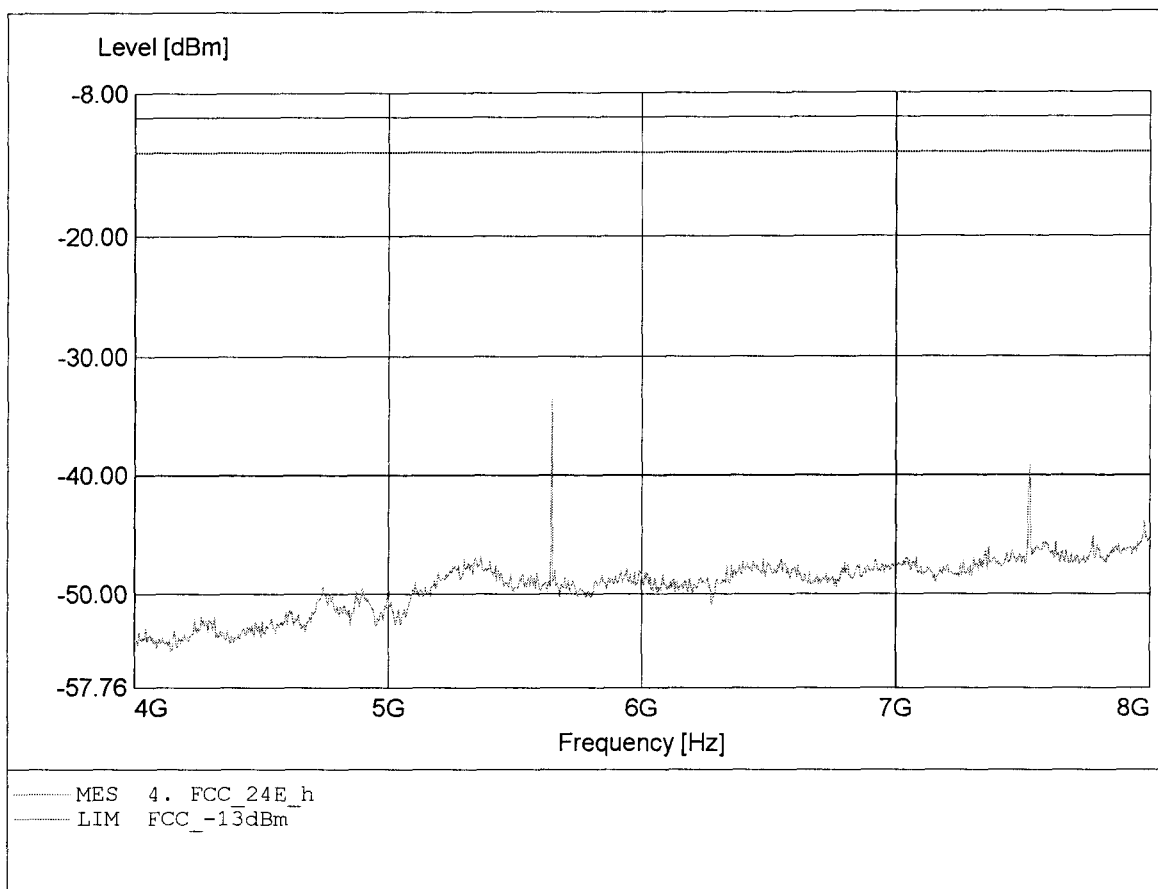
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: -22.11dBm, RBW: 1MHz/3kHz



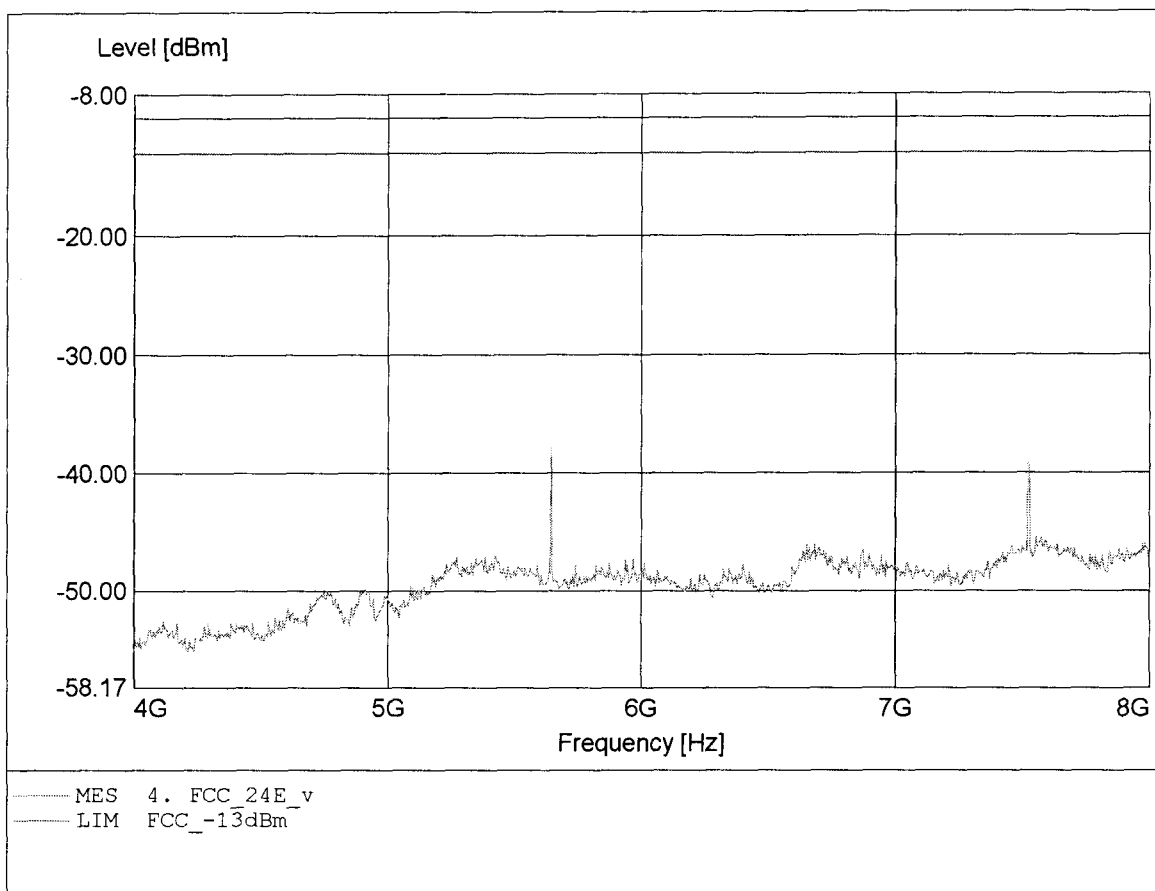
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: -33.60dBm, RBW: 1MHz



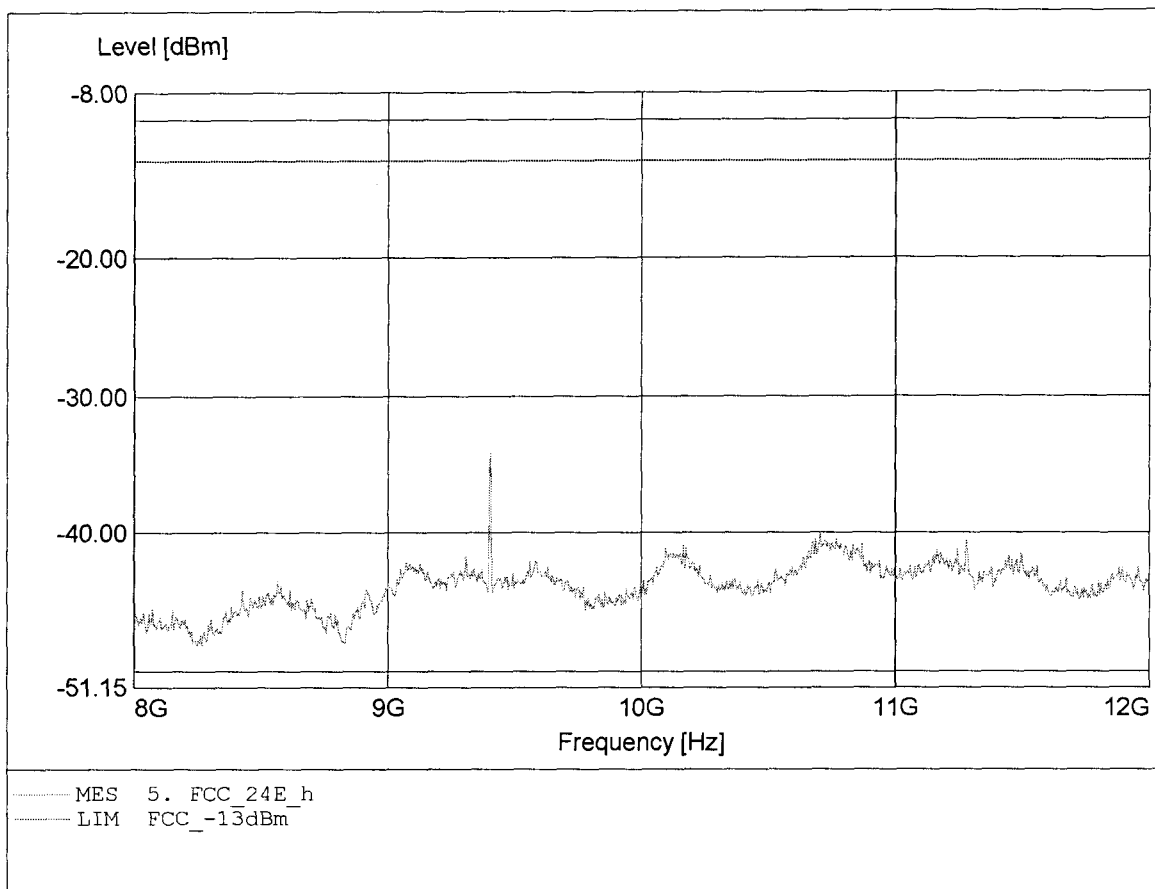
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: -37.77dBm, RBW: 1MHz



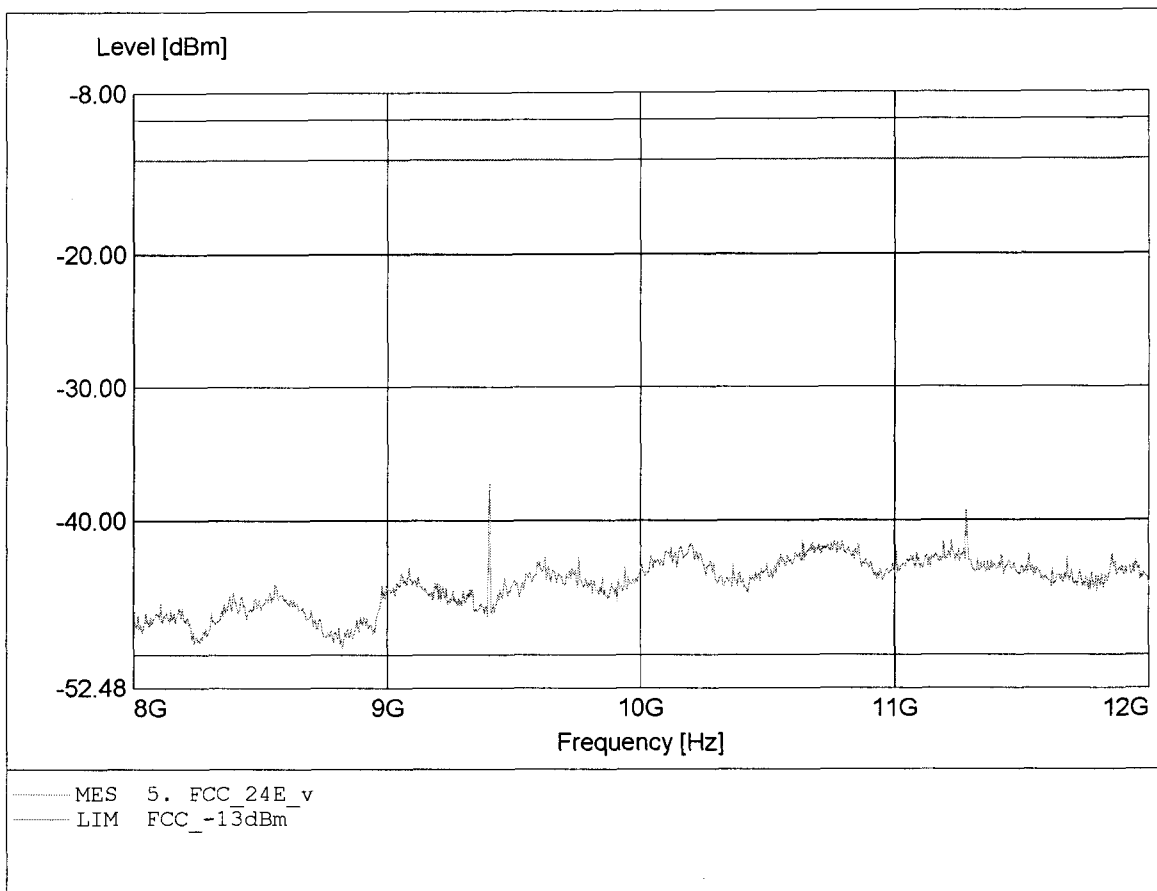
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: -34.18dBm, RBW: 1MHz



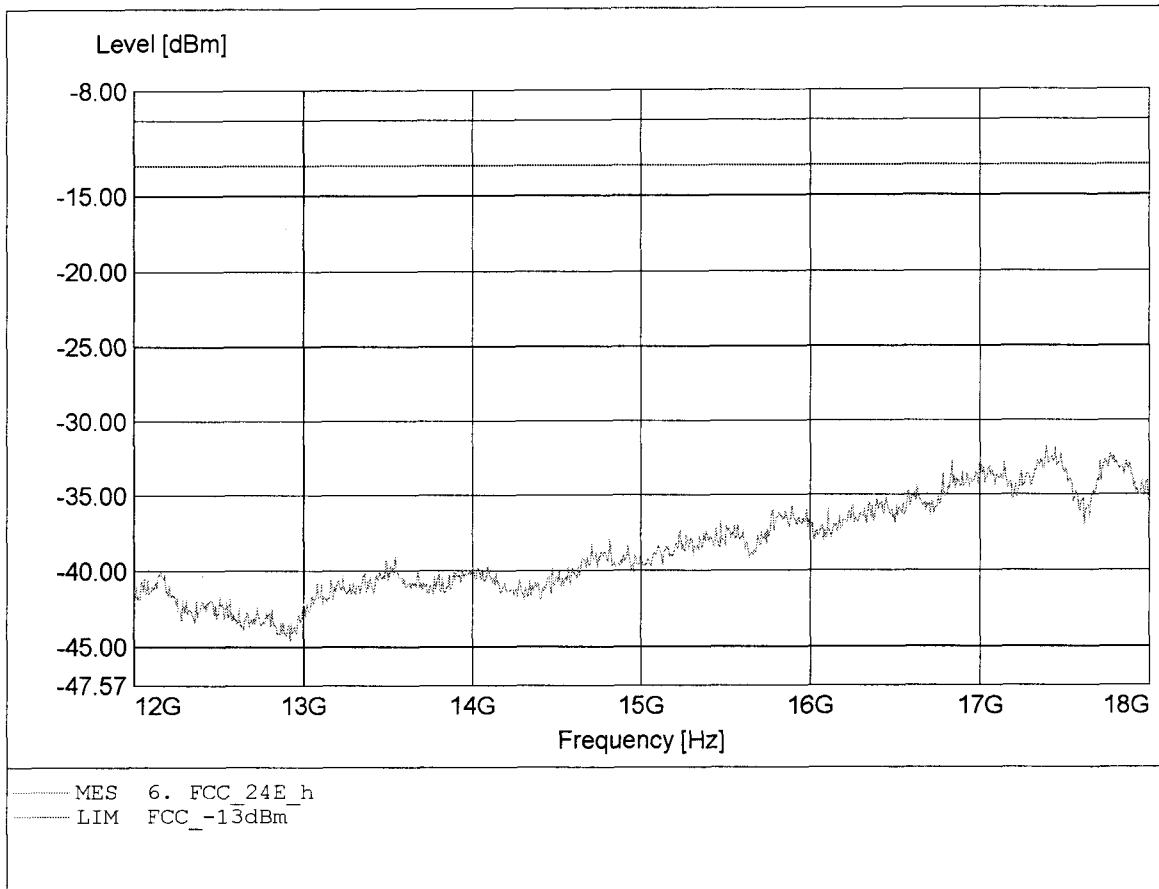
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: -37.19dBm, RBW: 1MHz



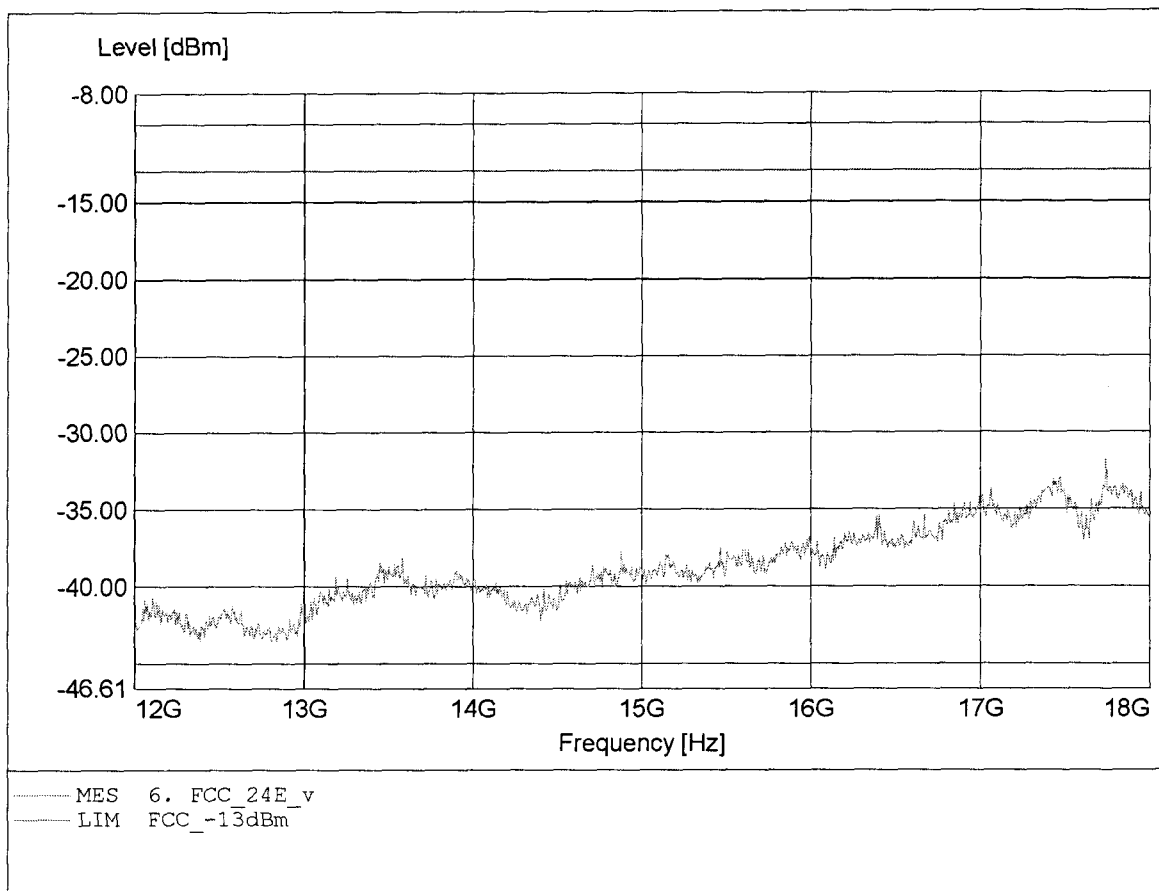
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 17.387GHz, Pmax: -31.74dBm, RBW: 1MHz



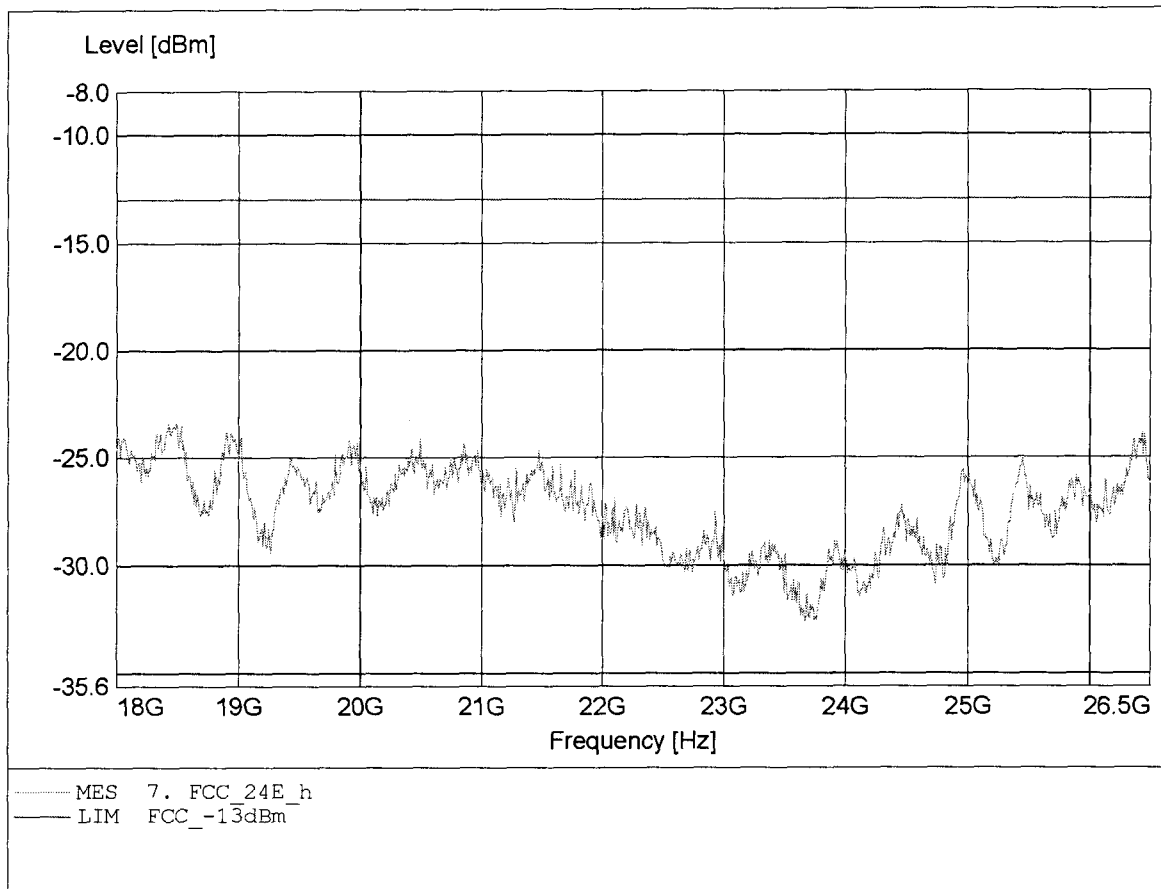
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 17.740GHz, Pmax: -31.73dBm, RBW: 1MHz



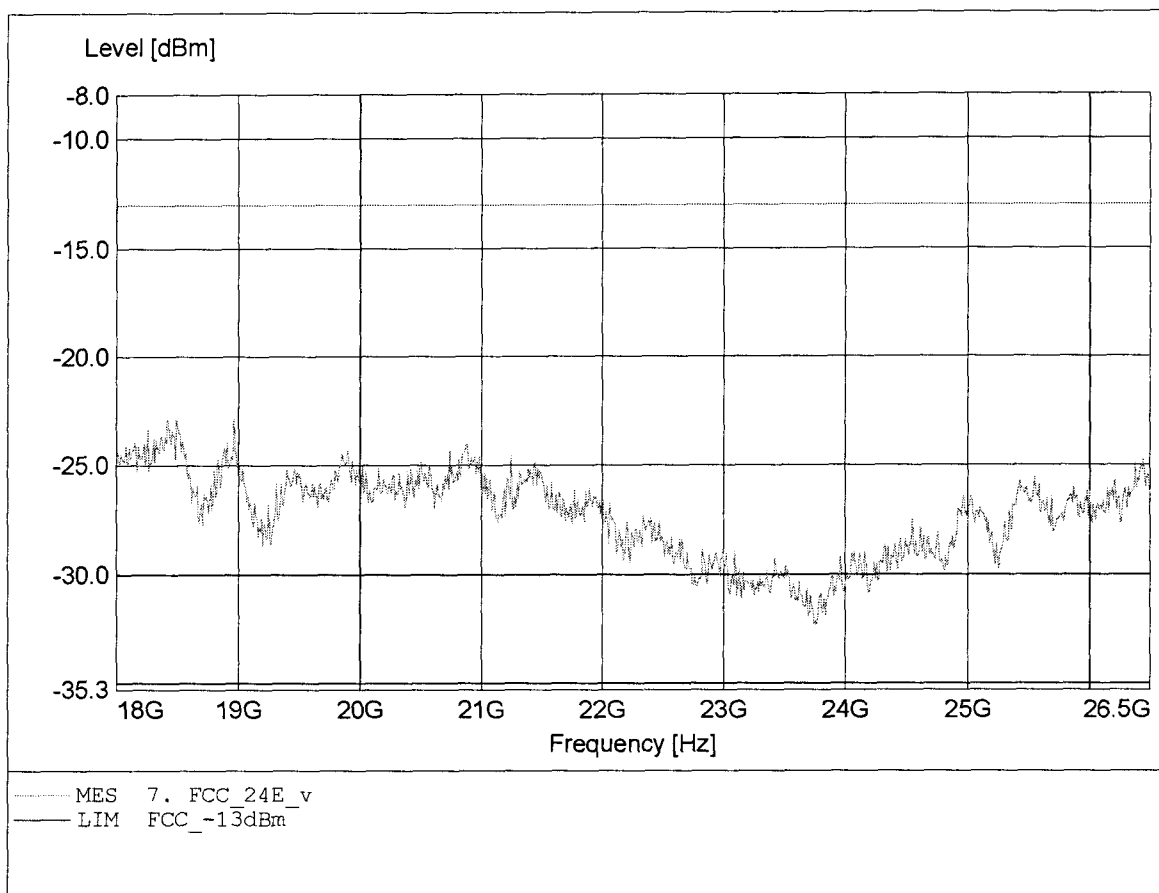
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 18.491GHz, Pmax: -23.38dBm, RBW: 1MHz



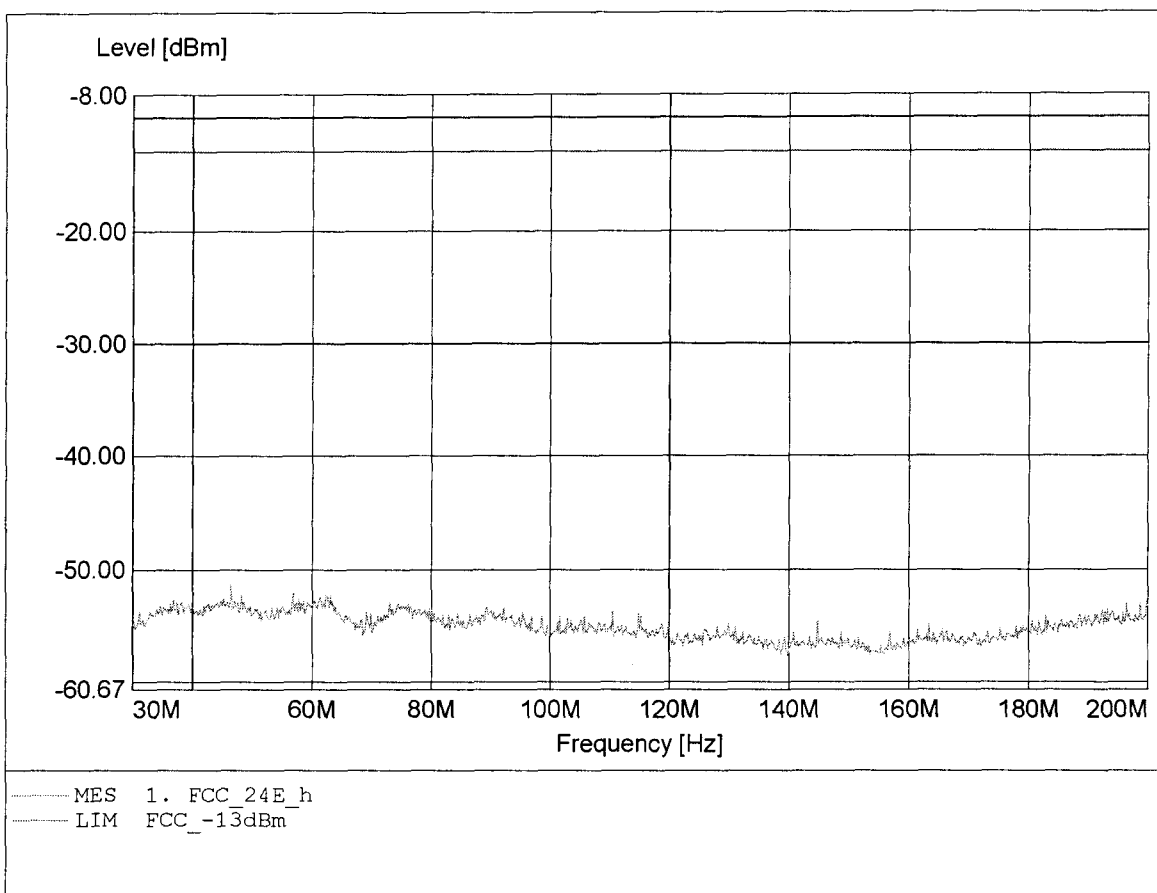
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 661
Test Site / Operator: ETS / Mr. Pfeufer
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: 18.963GHz, Pmax: -22.81dBm, RBW: 1MHz



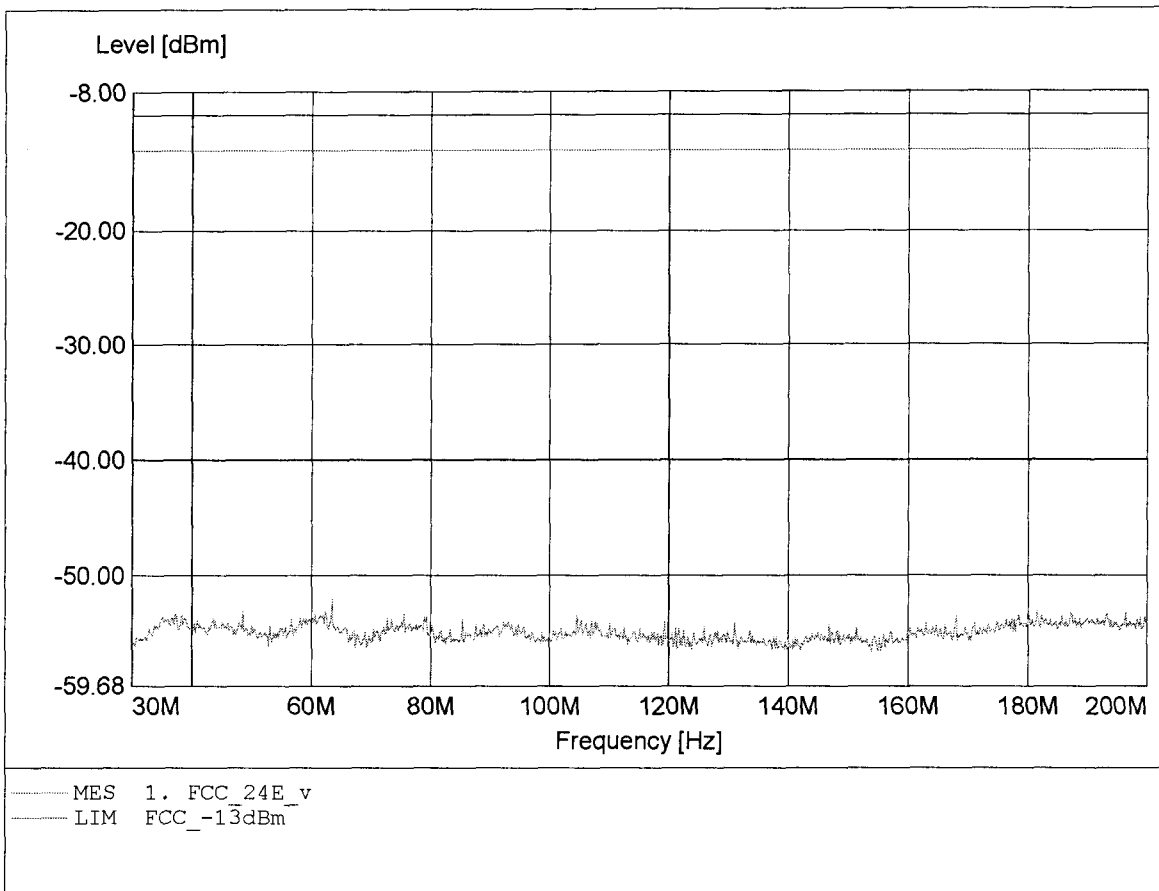
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 46.433MHz, Pmax: -51.34dBm, RBW: 1MHz



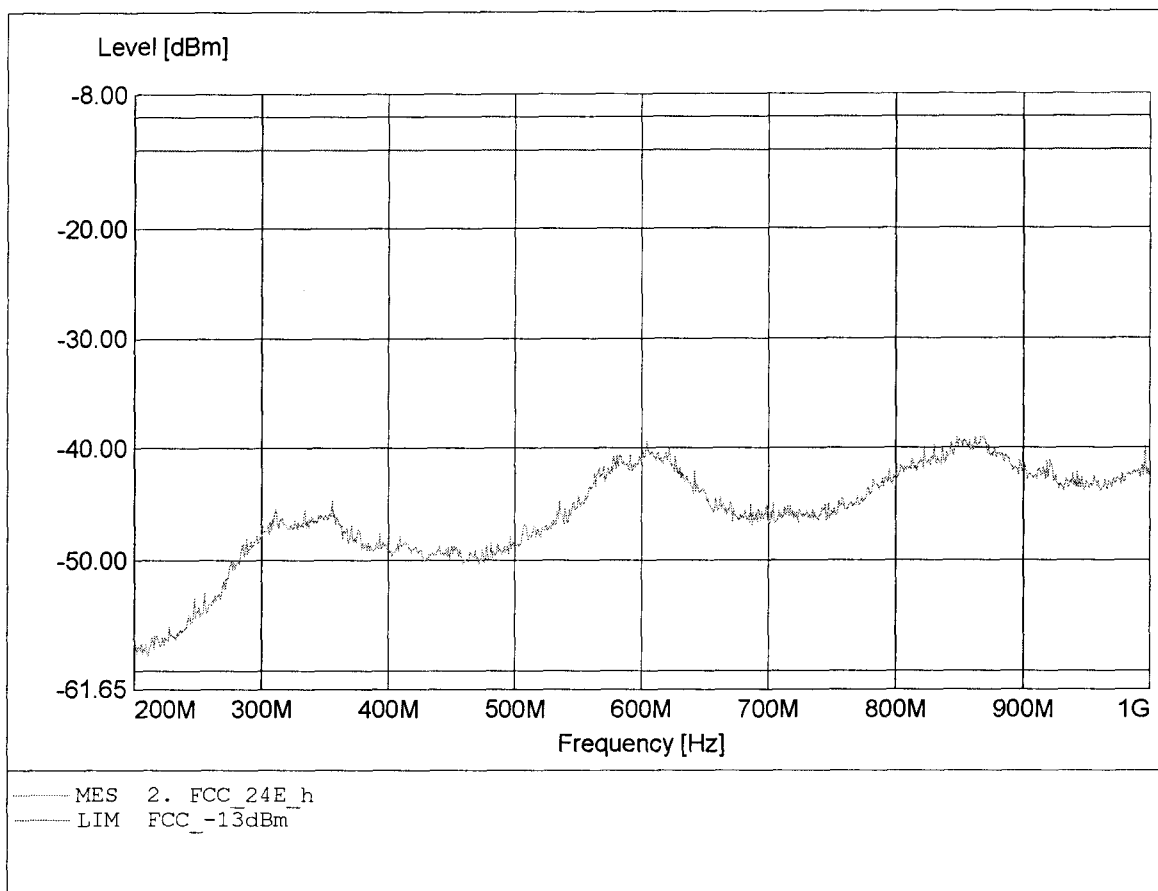
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 63.433MHz, Pmax: -52.10dBm, RBW: 1MHz



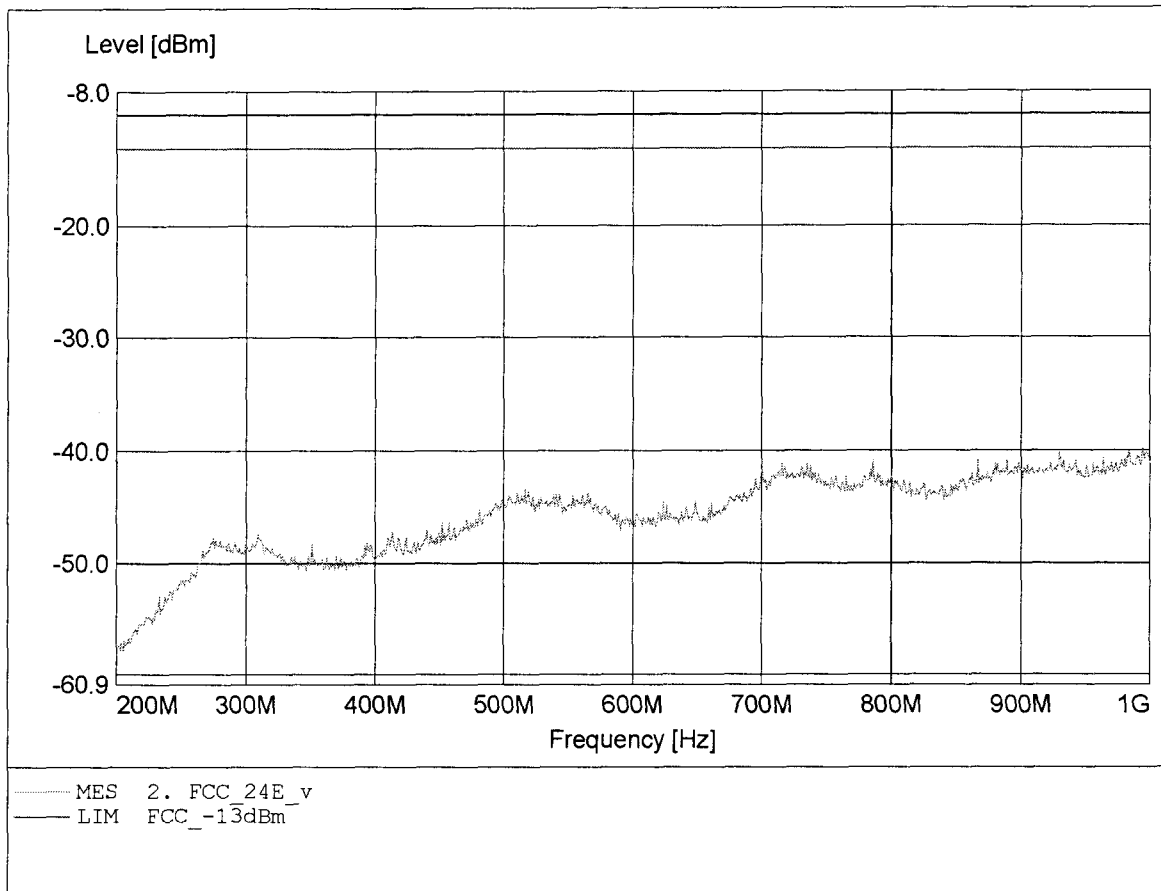
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 862.222MHz, Pmax: -38.93dBm, RBW: 1MHz



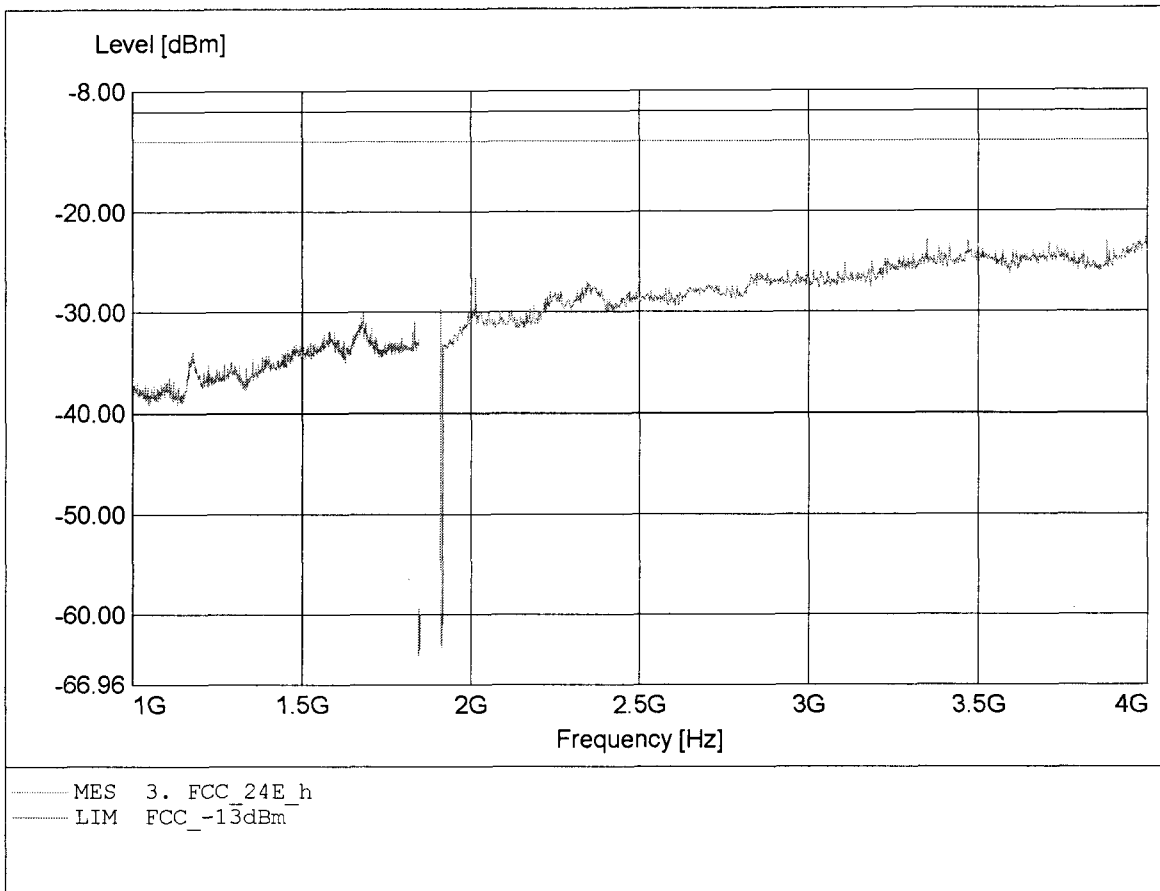
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 994.667MHz, Pmax: -39.87dBm, RBW: 1MHz



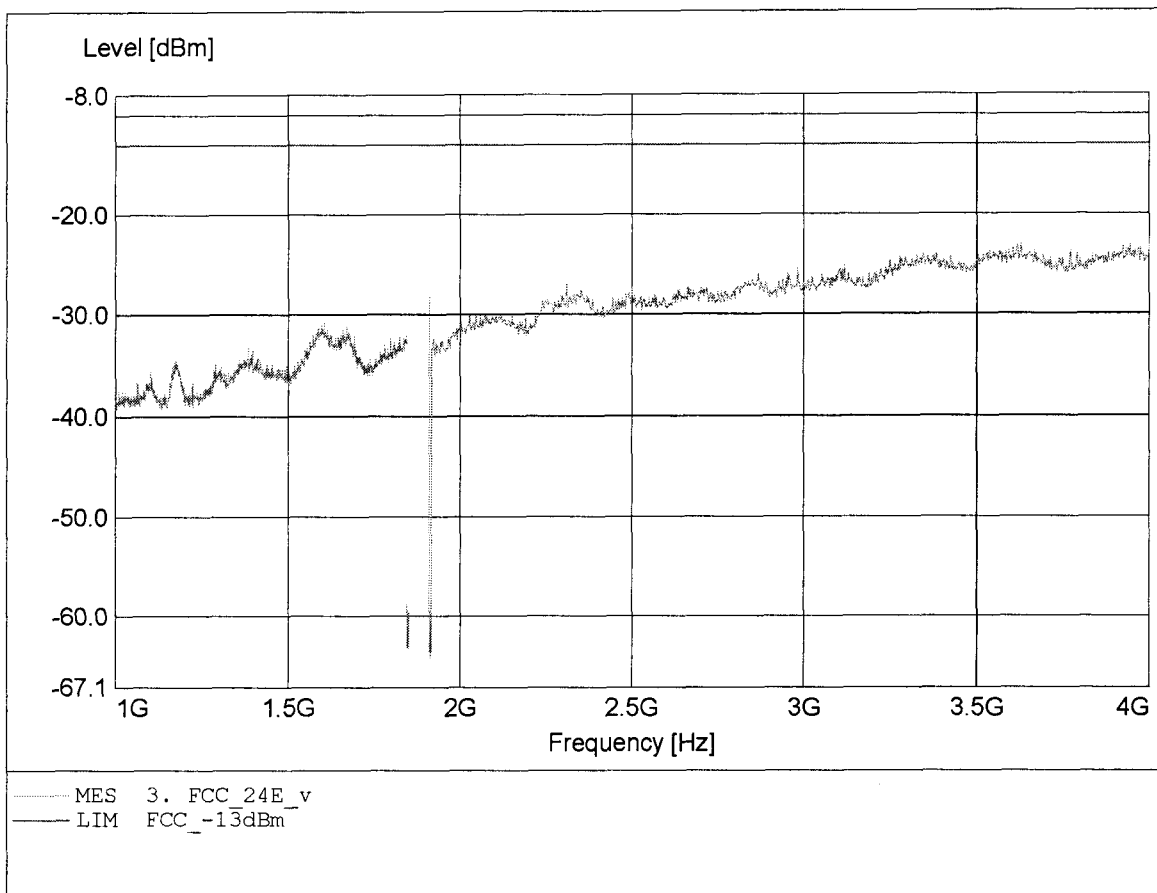
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.995GHz, Pmax: -22.63dBm, RBW: 1MHz/3kHz



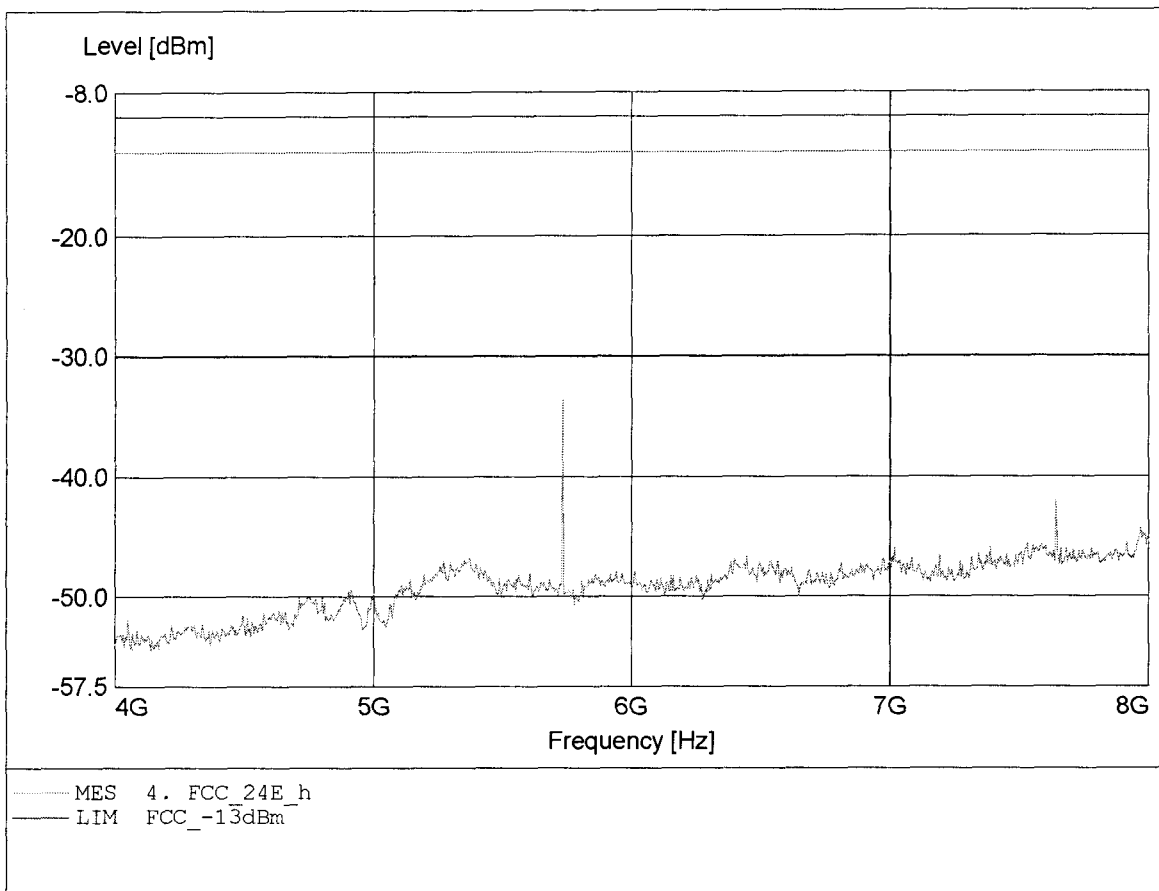
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.627GHz, Pmax: -22.92dBm, RBW: 1MHz/3kHz



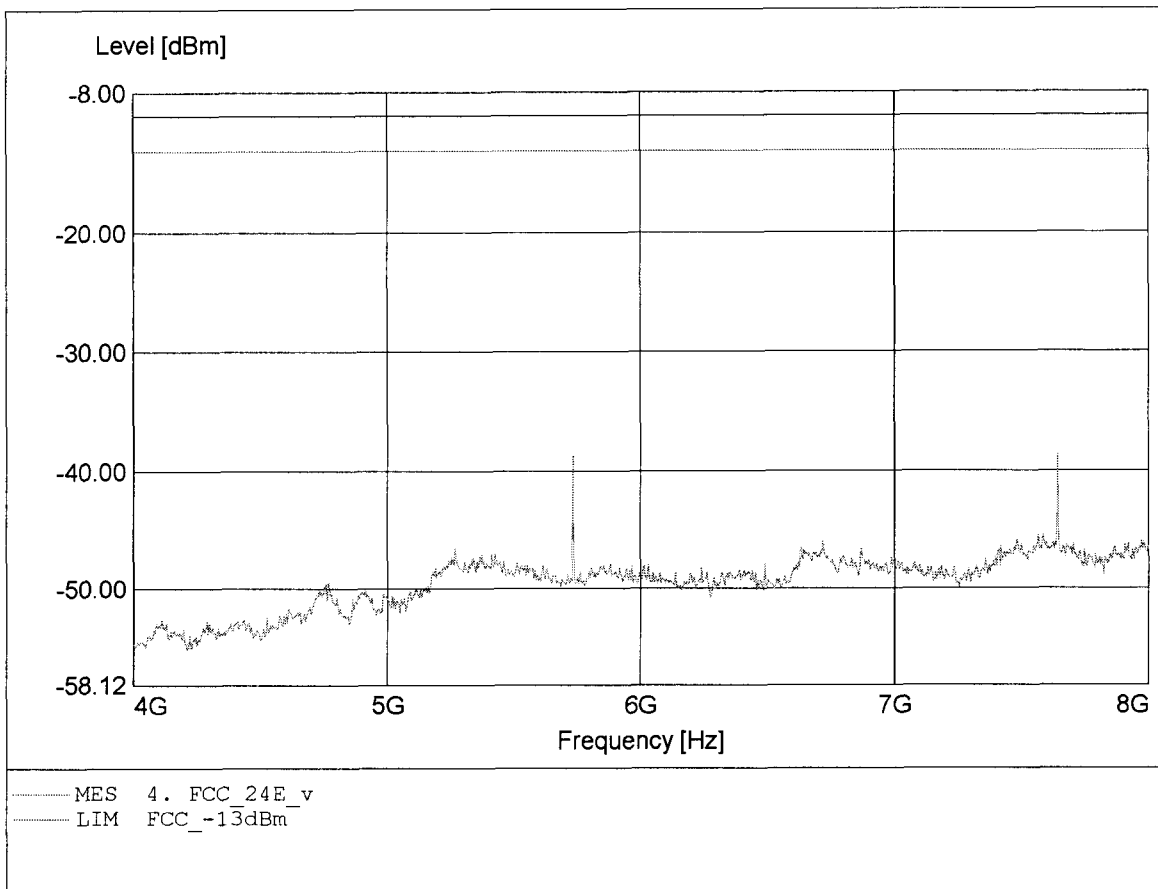
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.733GHz, Pmax: -33.60dBm, RBW: 1MHz



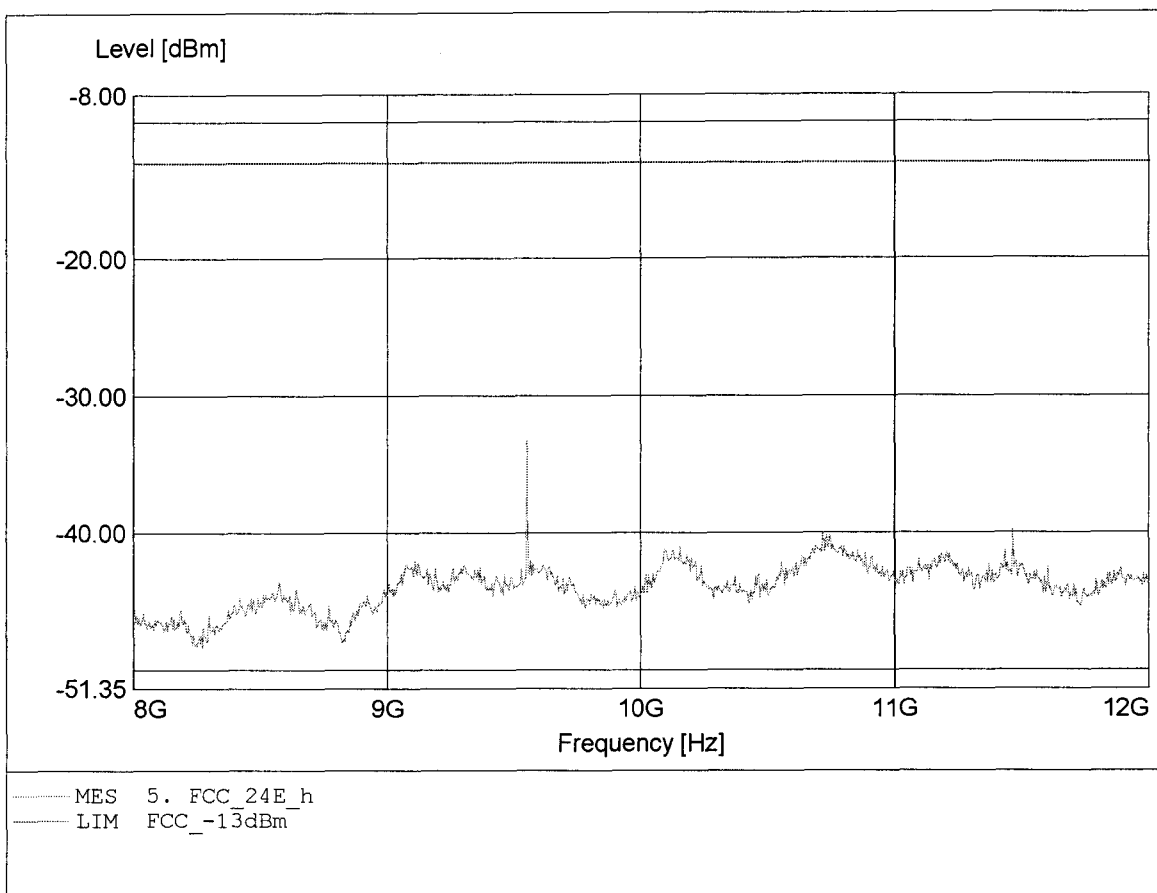
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 7.640GHz, Pmax: -38.48dBm, RBW: 1MHz



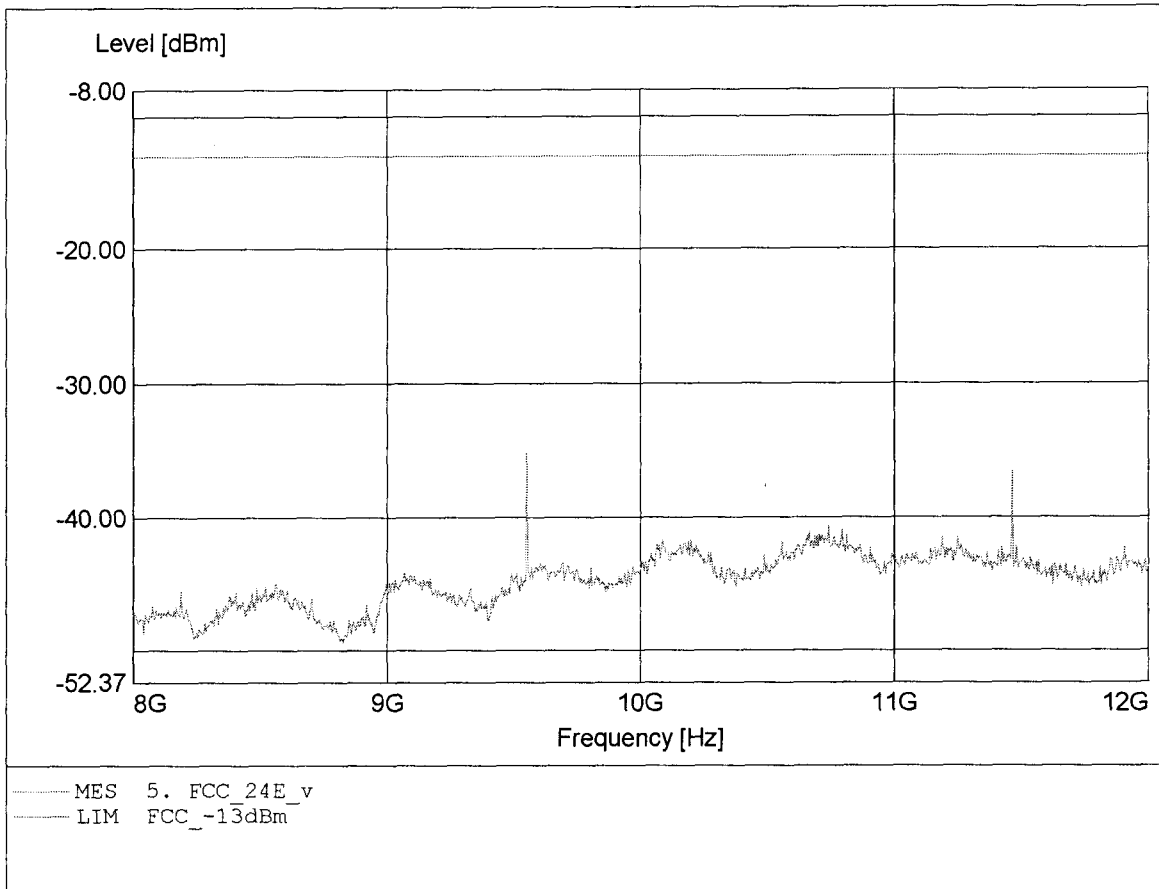
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 9.551GHz, Pmax: -33.23dBm, RBW: 1MHz



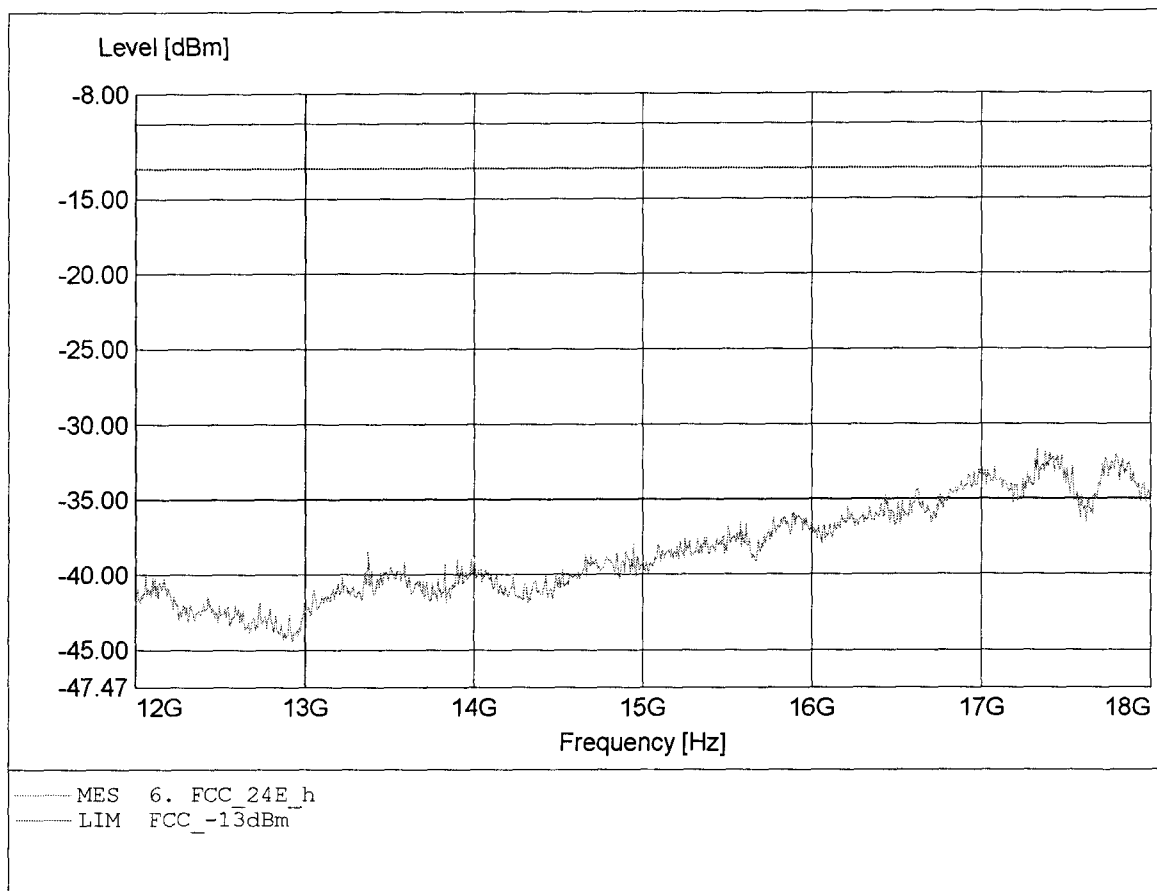
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 9.551GHz, Pmax: -35.24dBm, RBW: 1MHz



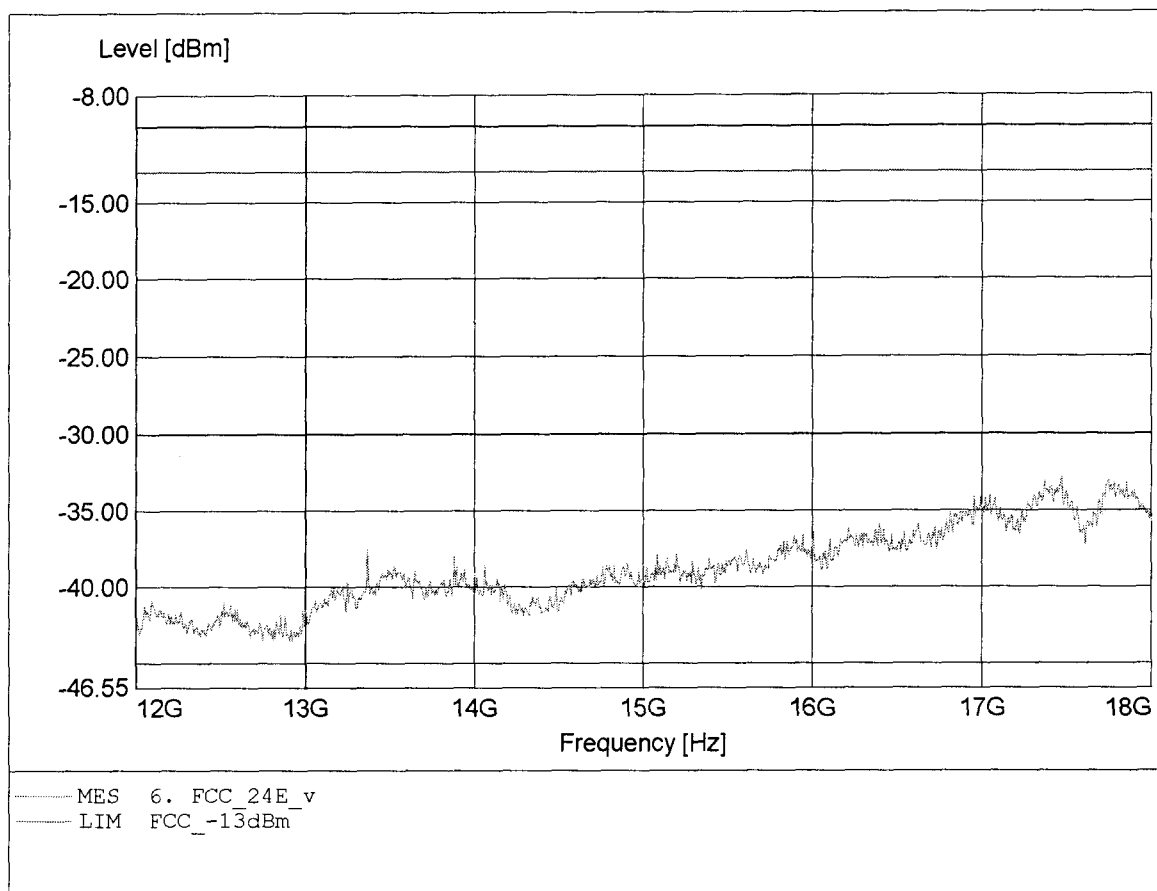
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 17.327GHz, Pmax: -31.68dBm, RBW: 1MHz



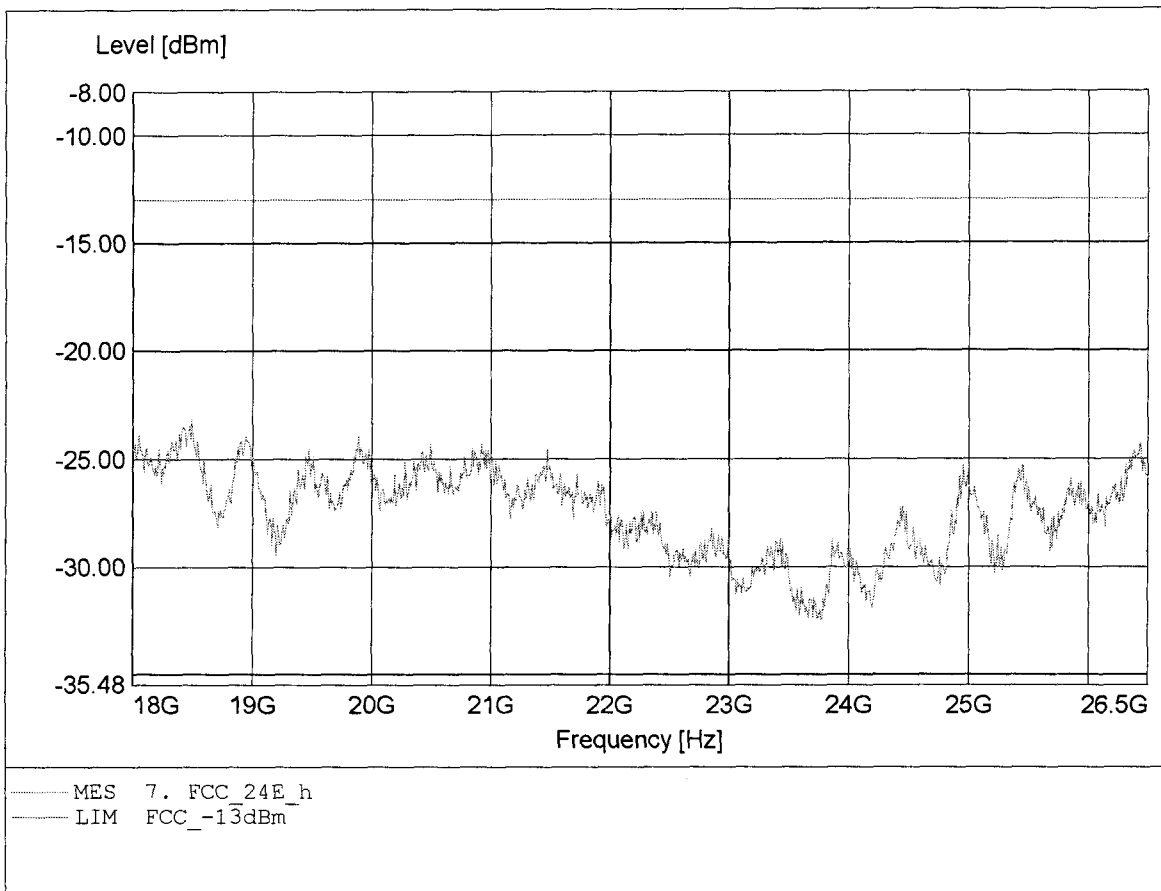
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: -32.86dBm, RBW: 1MHz



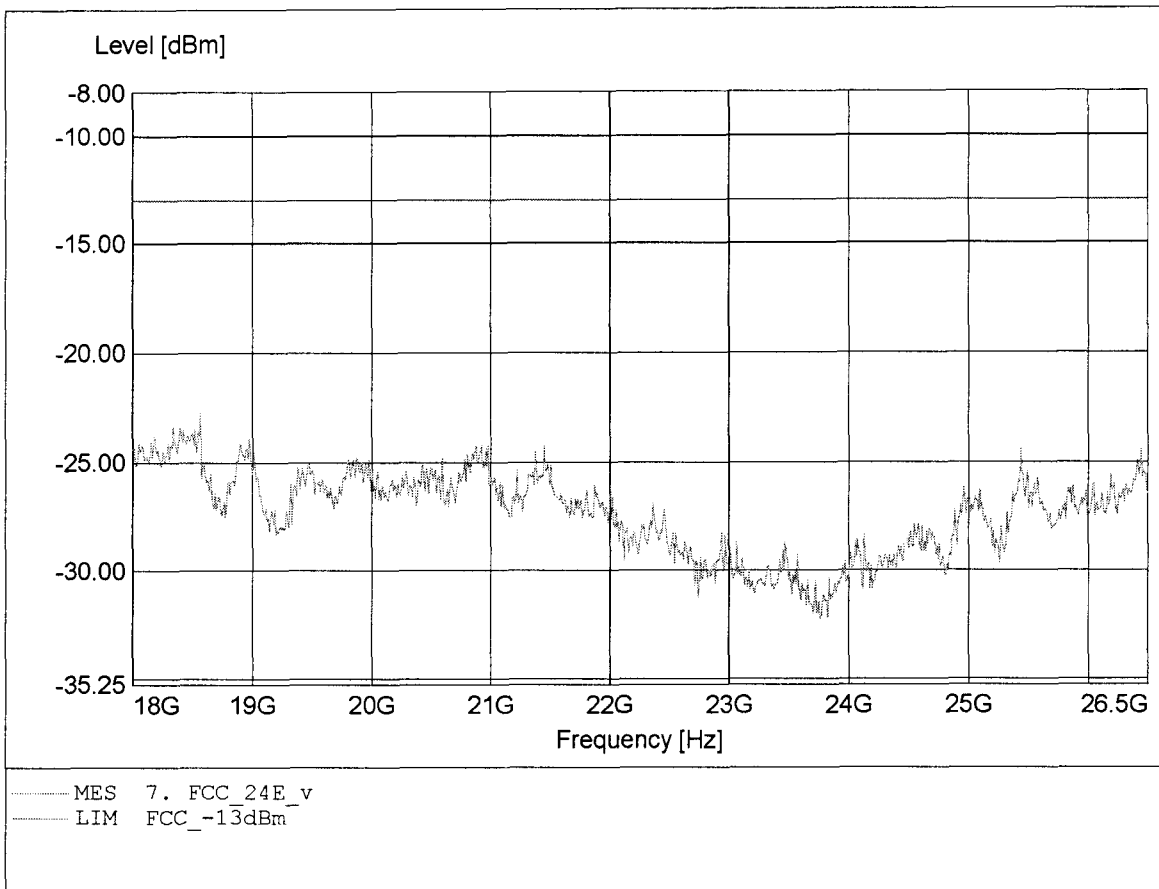
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 18.491GHz, Pmax: -23.18dBm, RBW: 1MHz



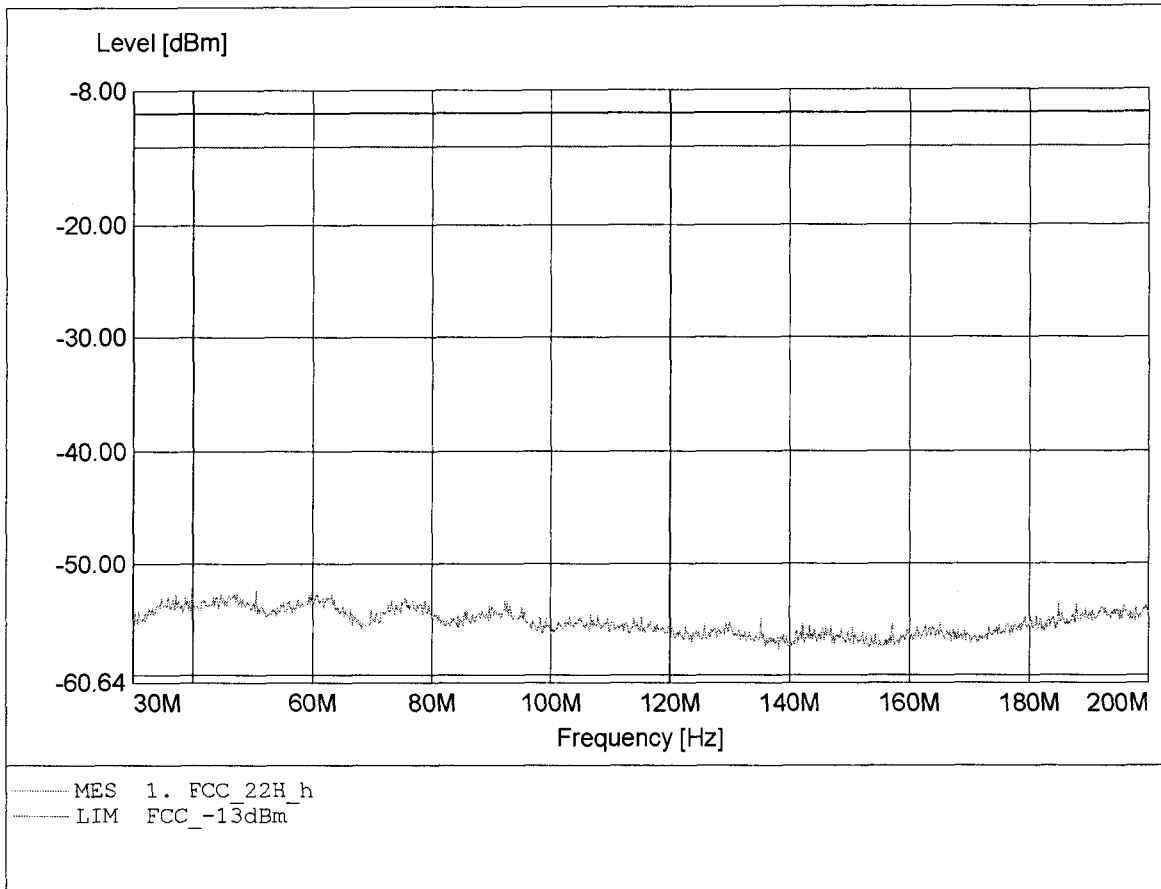
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 810
Test Site / Operator: ETS / Mr. Pfeufer
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: 18.567GHz, Pmax: -22.64dBm, RBW: 1MHz



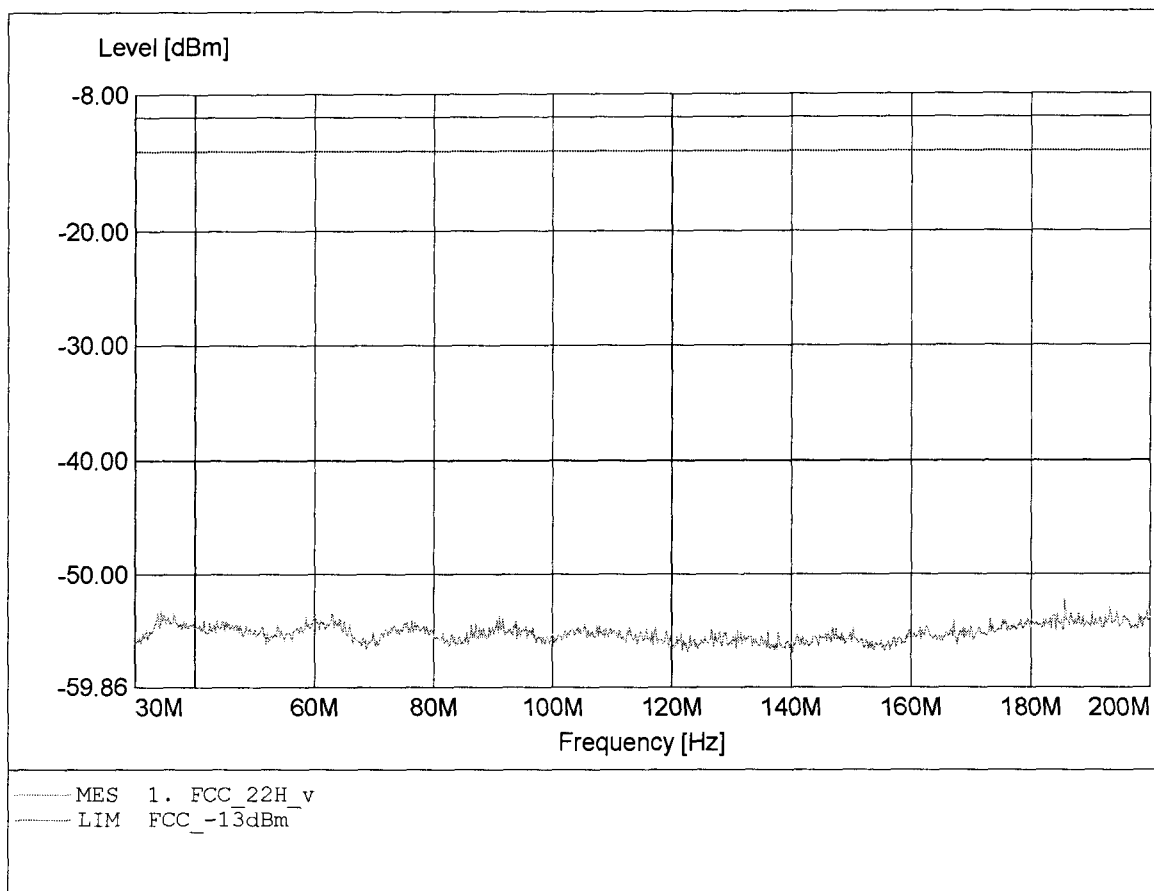
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: 39.822MHz, Pmax: -52.22dBm, RBW: 1MHz



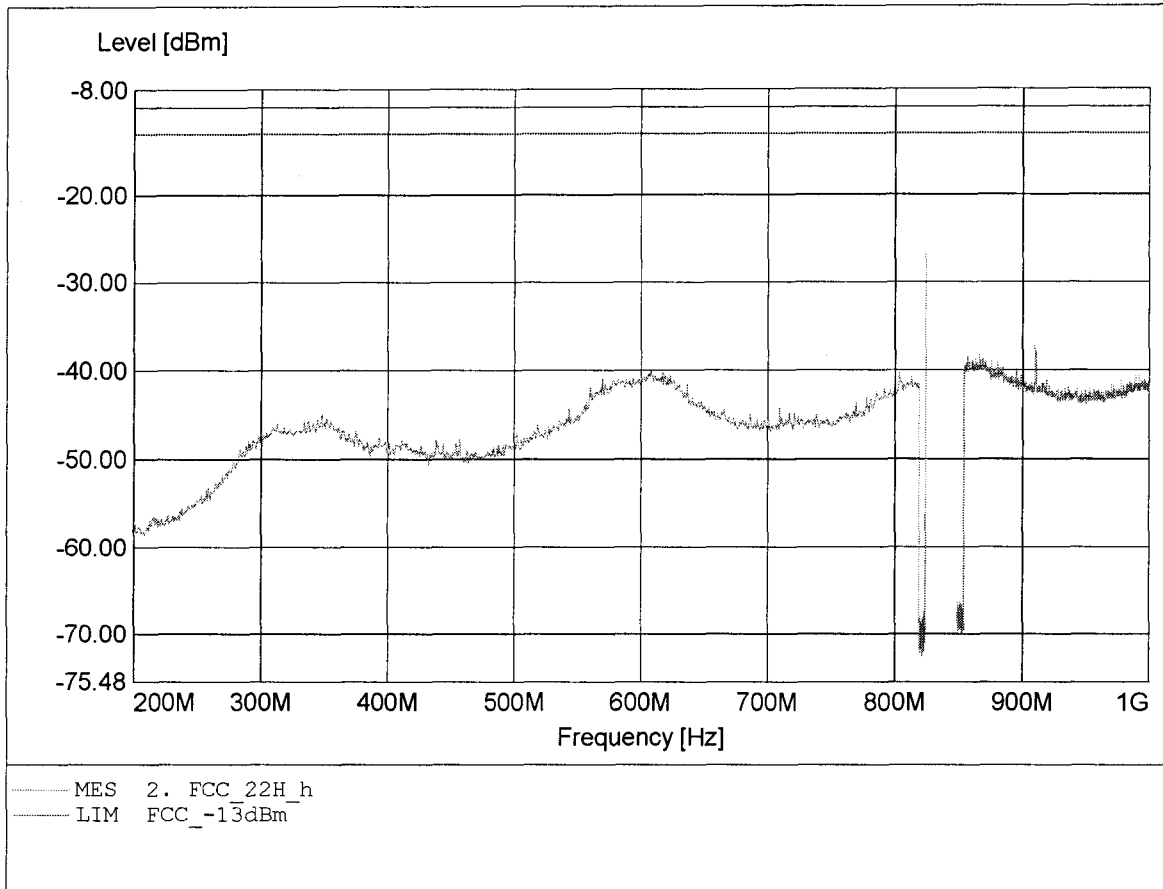
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: 185.644MHz, Pmax: -52.24dBm, RBW: 1MHz



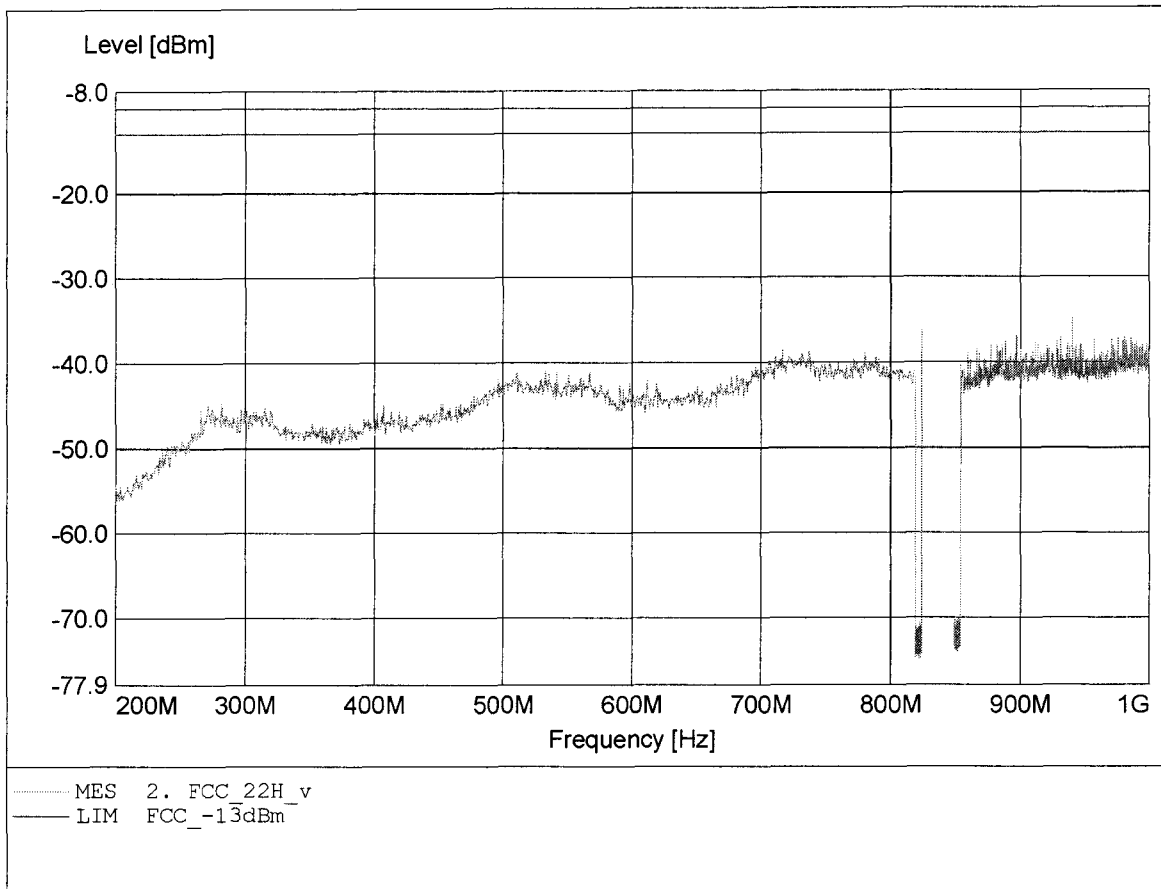
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: -26.95dBm, RBW: 1MHz



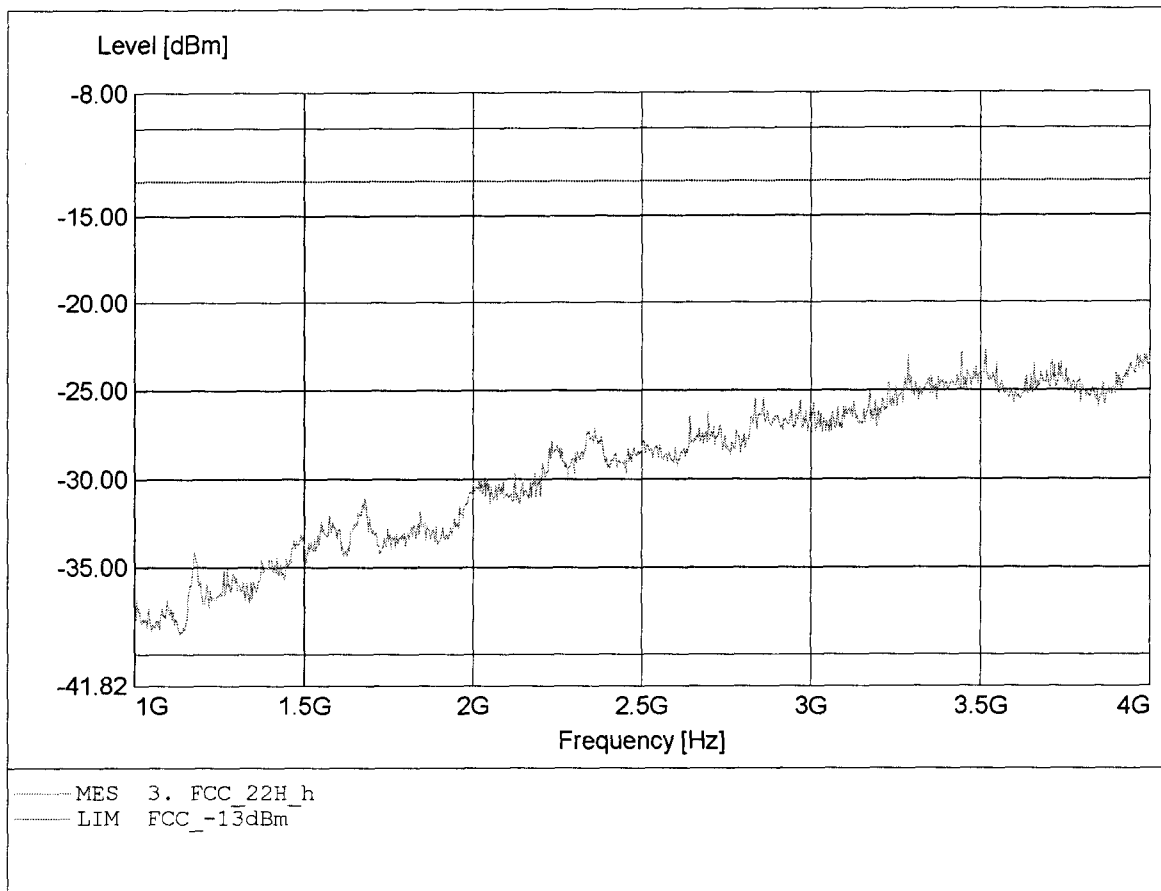
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: 939.816MHz, Pmax: -34.94dBm, RBW: 1MHz



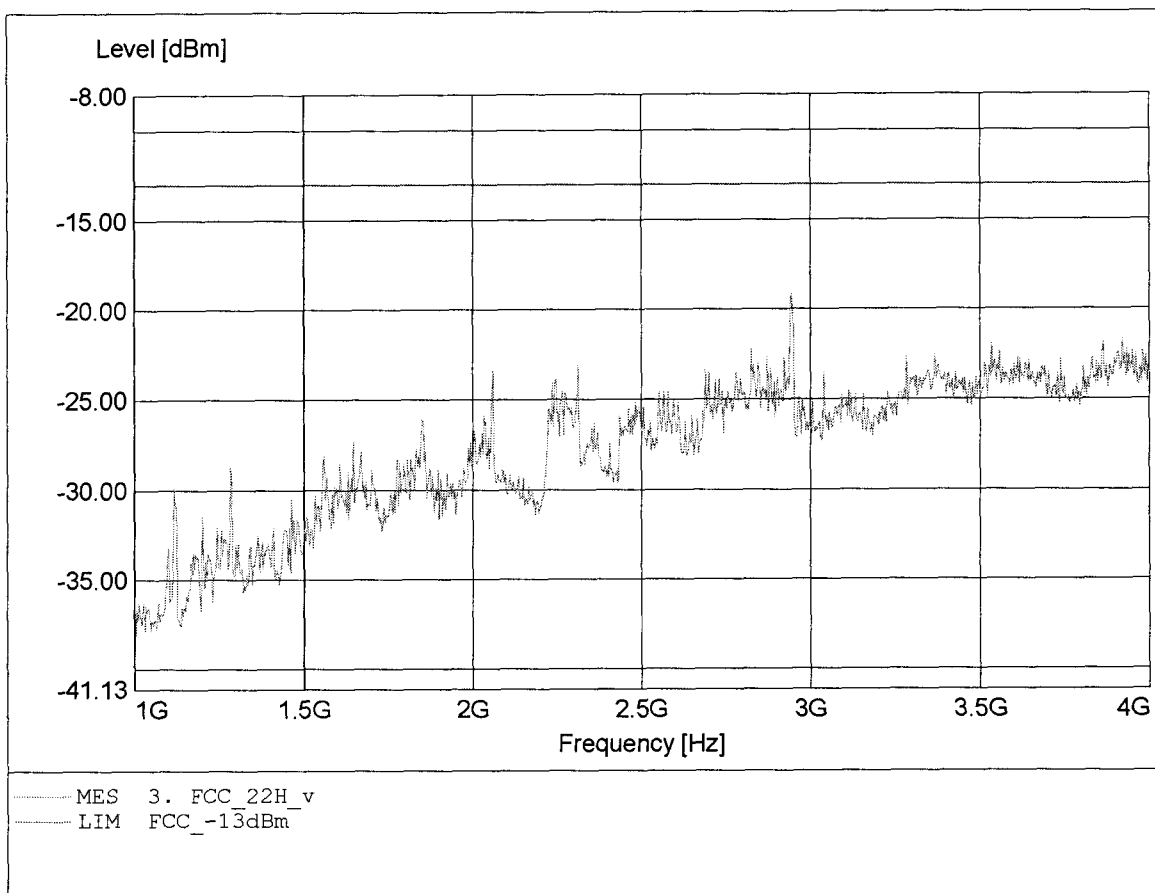
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.513GHz, Pmax: -22.74dBm, RBW: 1MHz



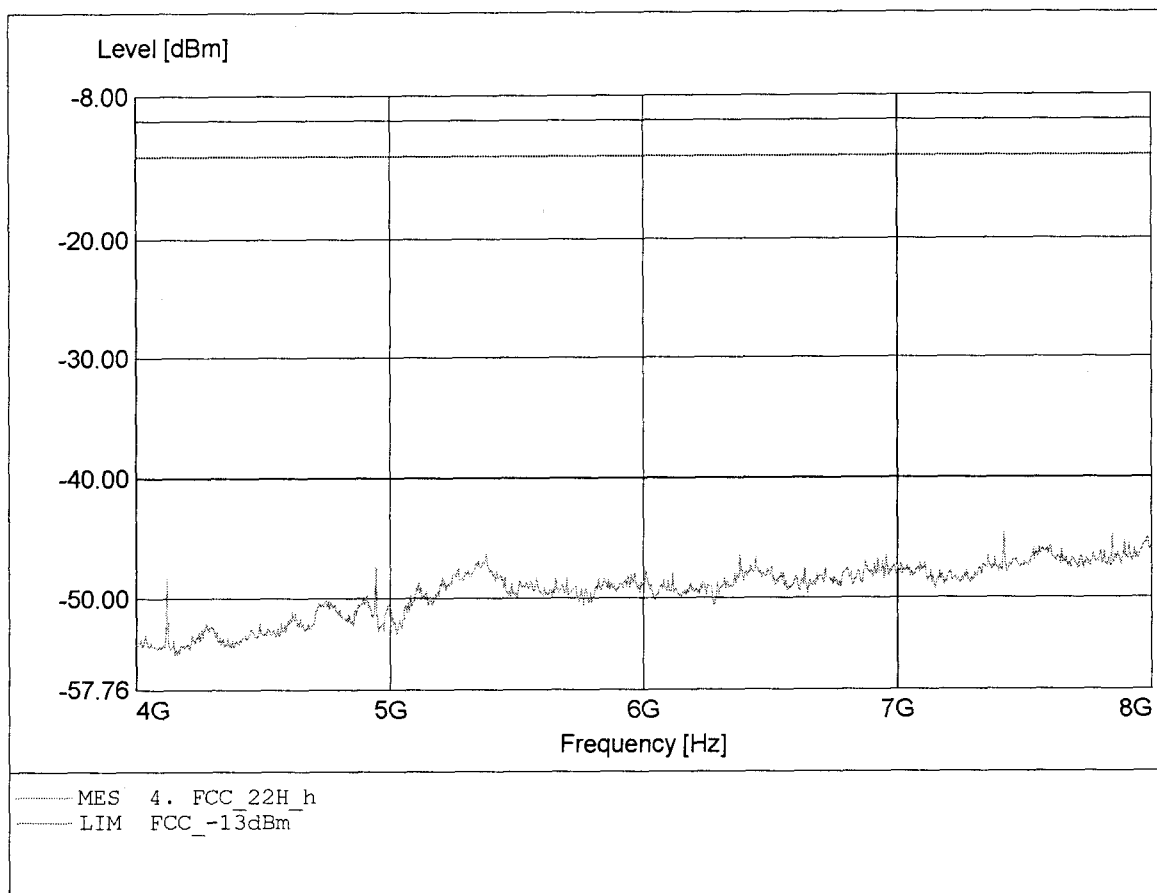
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 2.943GHz, Pmax: -19.14dBm, RBW: 1MHz



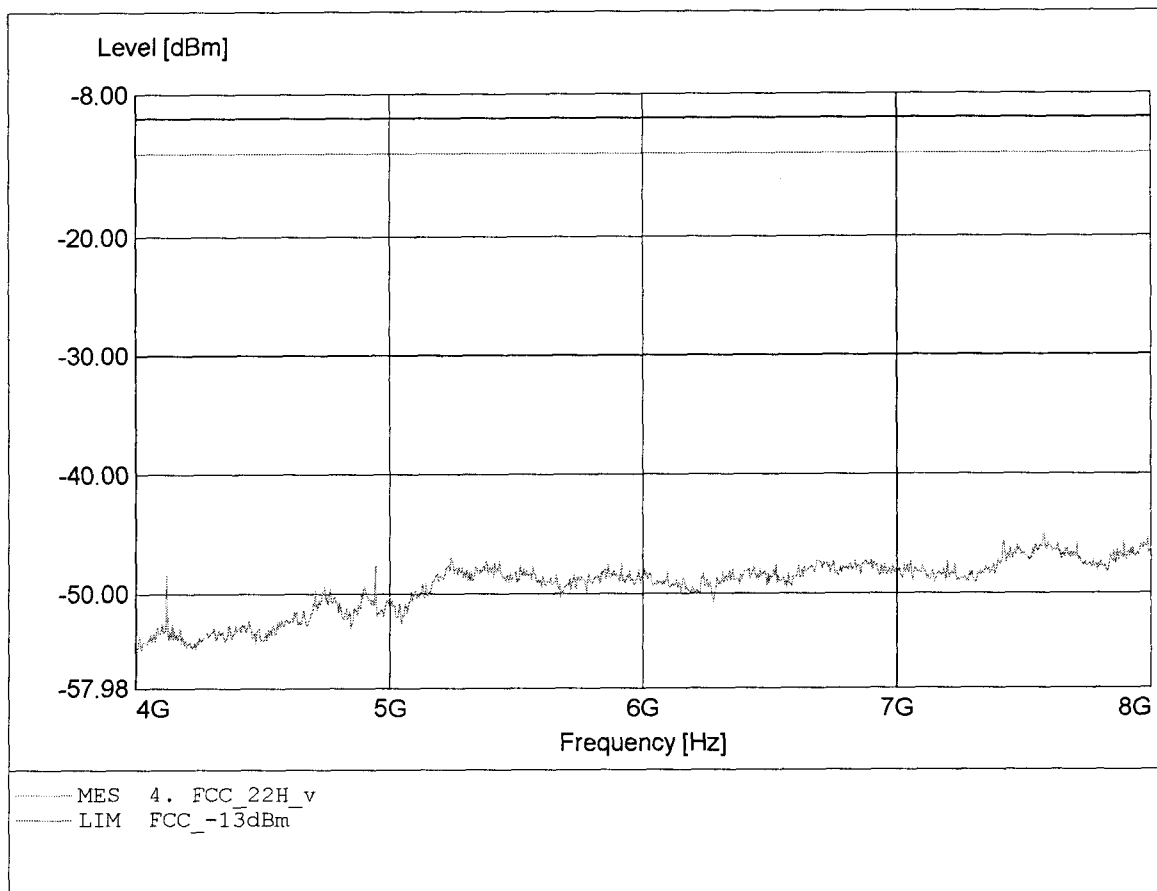
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: 7.418GHz, Pmax: -44.51dBm, RBW: 1MHz



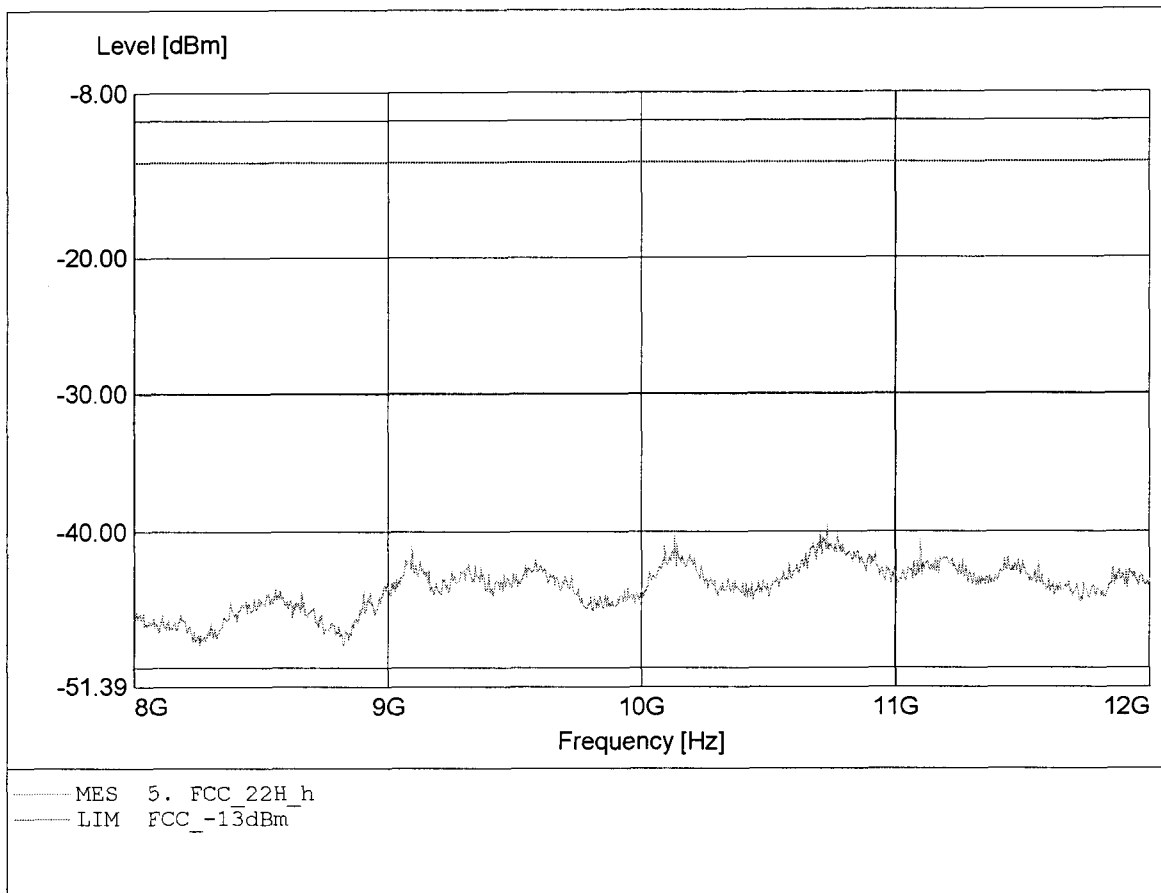
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: 7.573GHz, Pmax: -45.04dBm, RBW: 1MHz



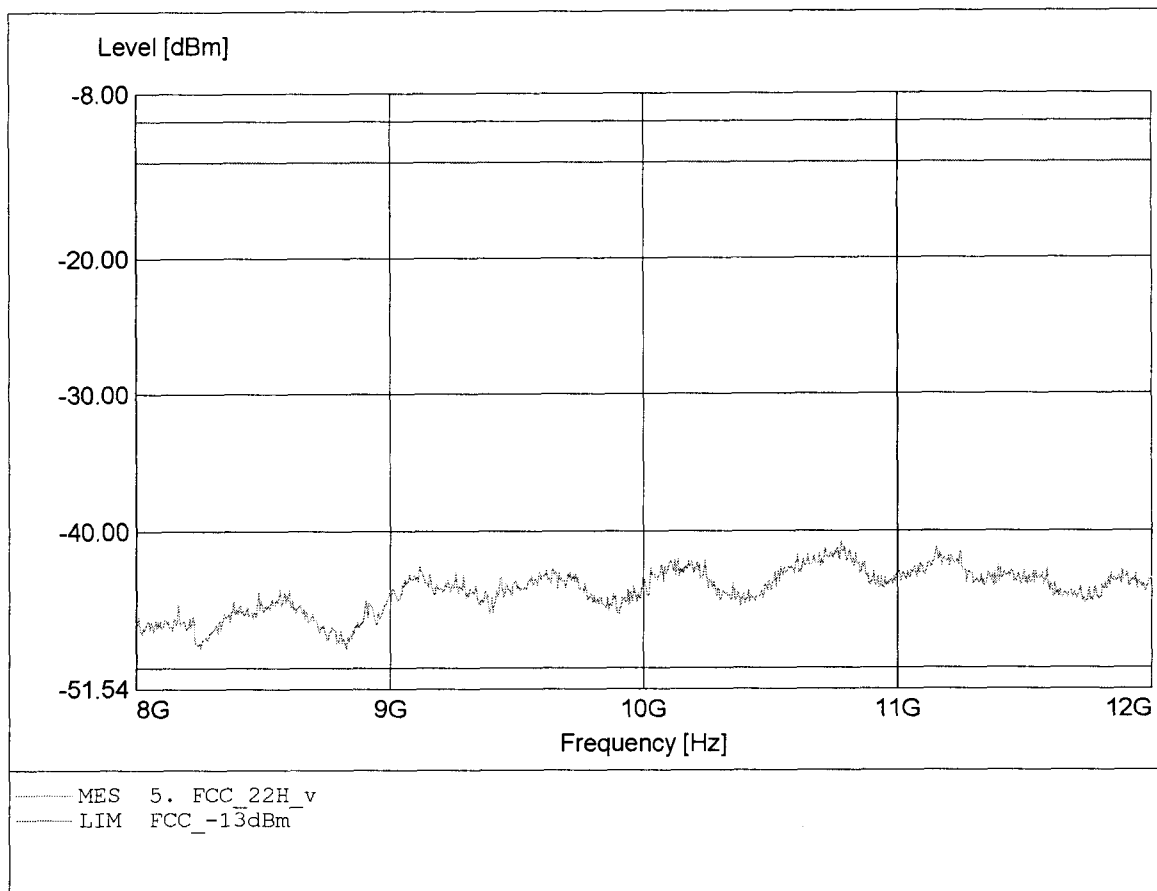
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: 10.733GHz, Pmax: -39.52dBm, RBW: 1MHz



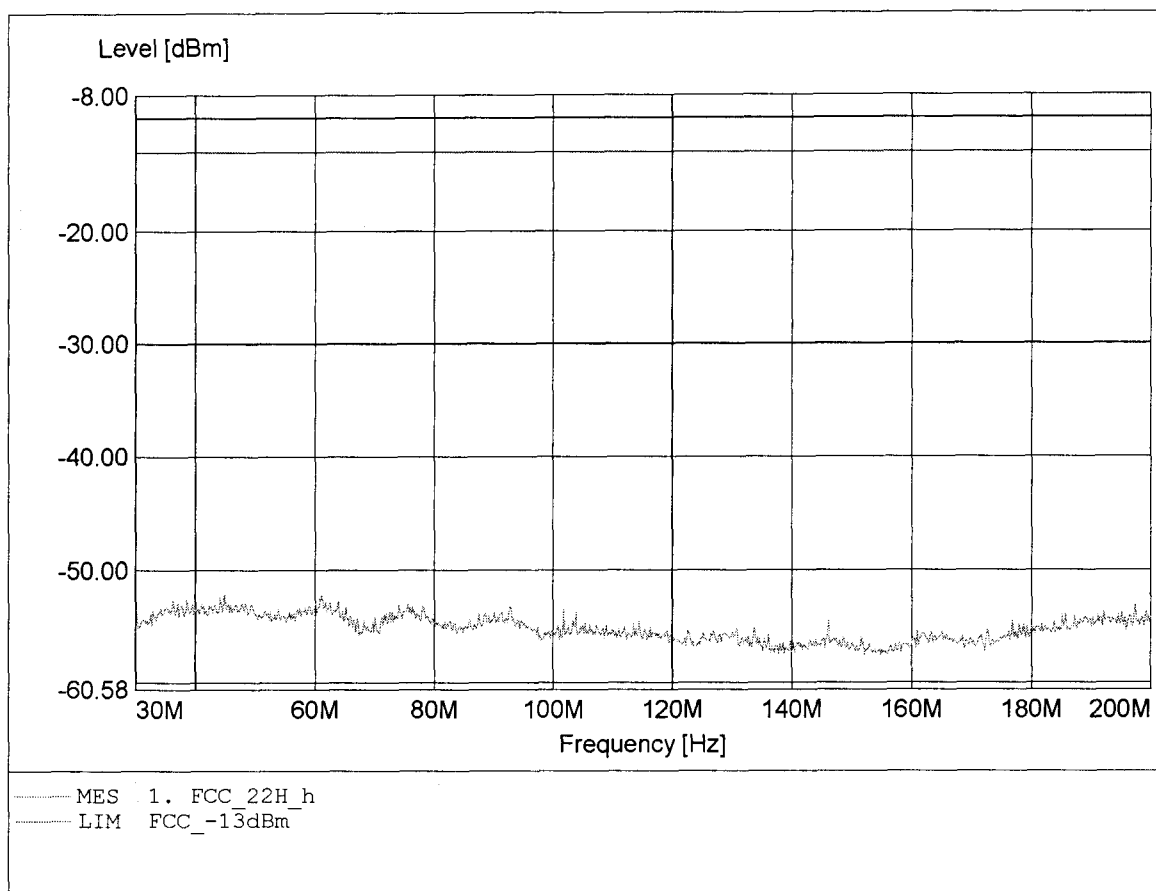
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 128
Test Site / Operator: ETS / Mr. Pfeufer
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: -40.73dBm, RBW: 1MHz



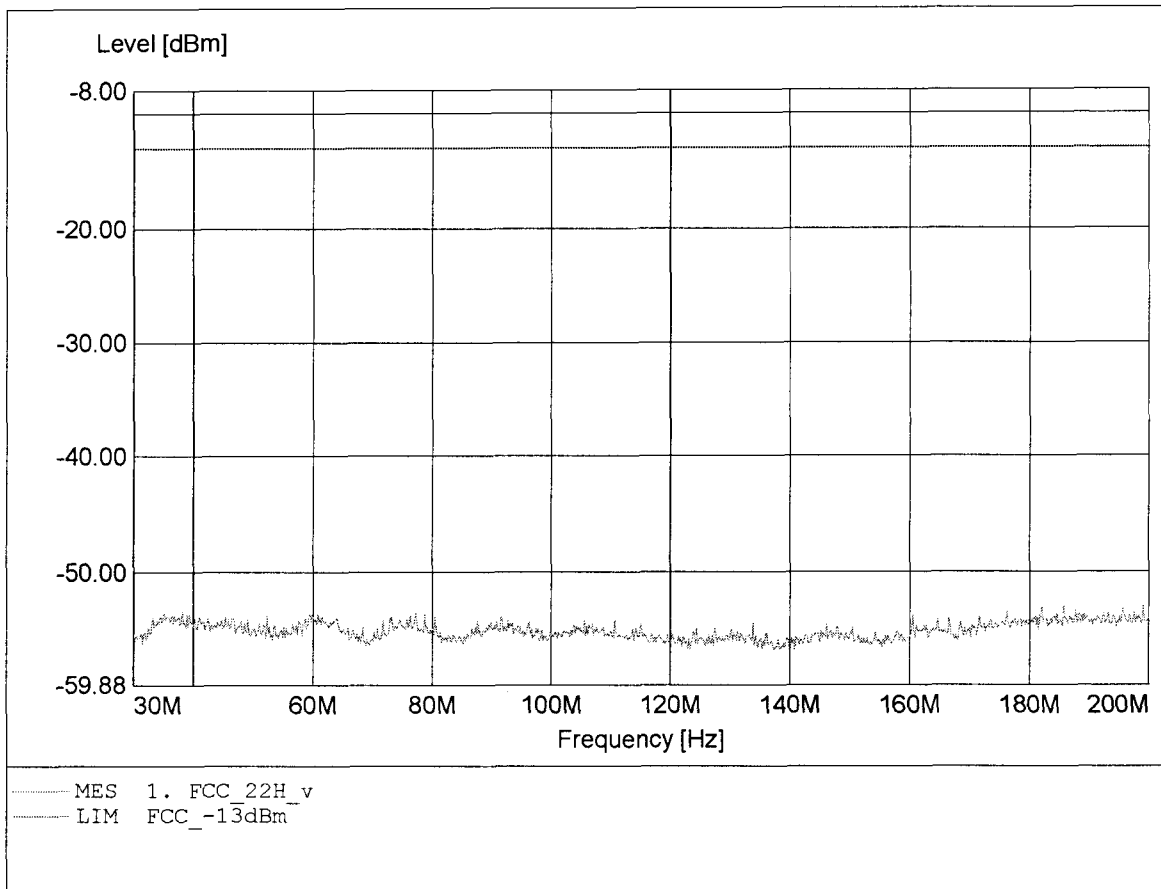
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 44.922MHz, Pmax: -52.10dBm, RBW: 1MHz



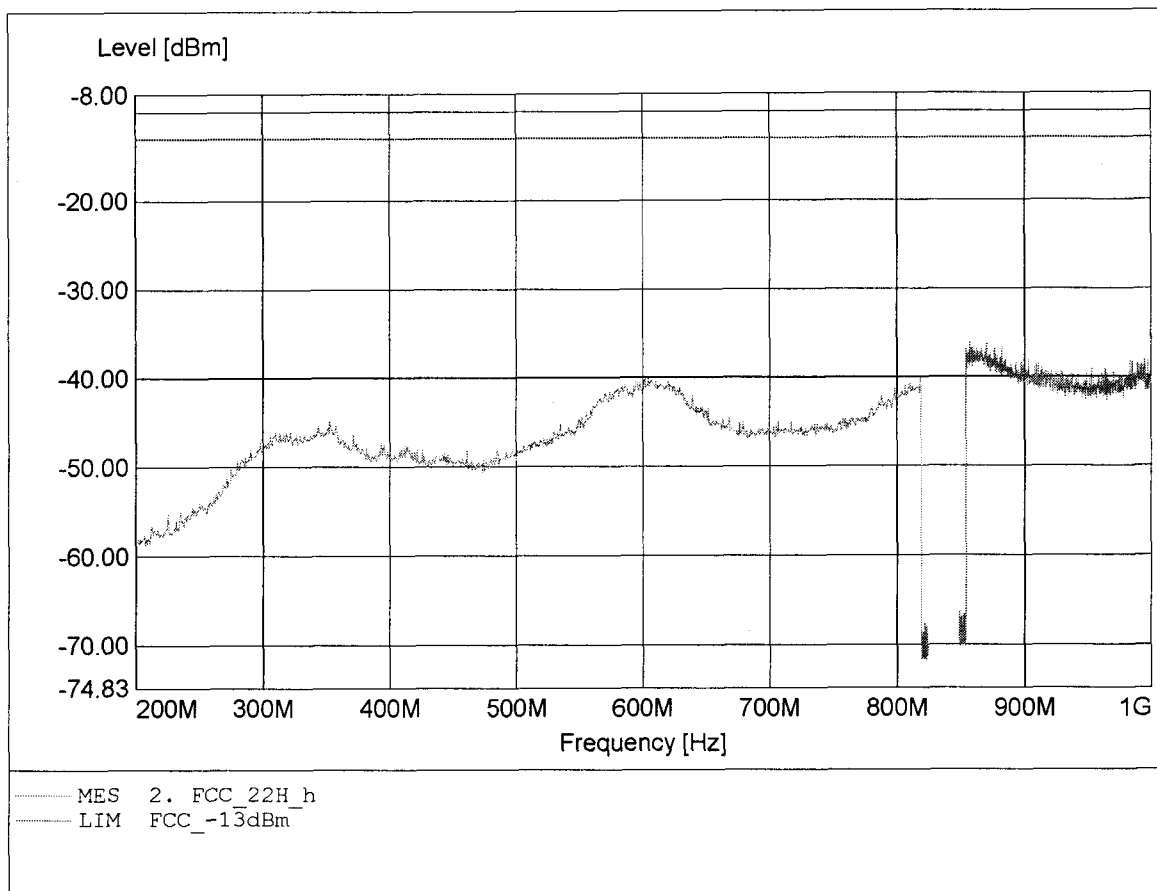
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 185.644MHz, Pmax: -52.95dBm, RBW: 1MHz



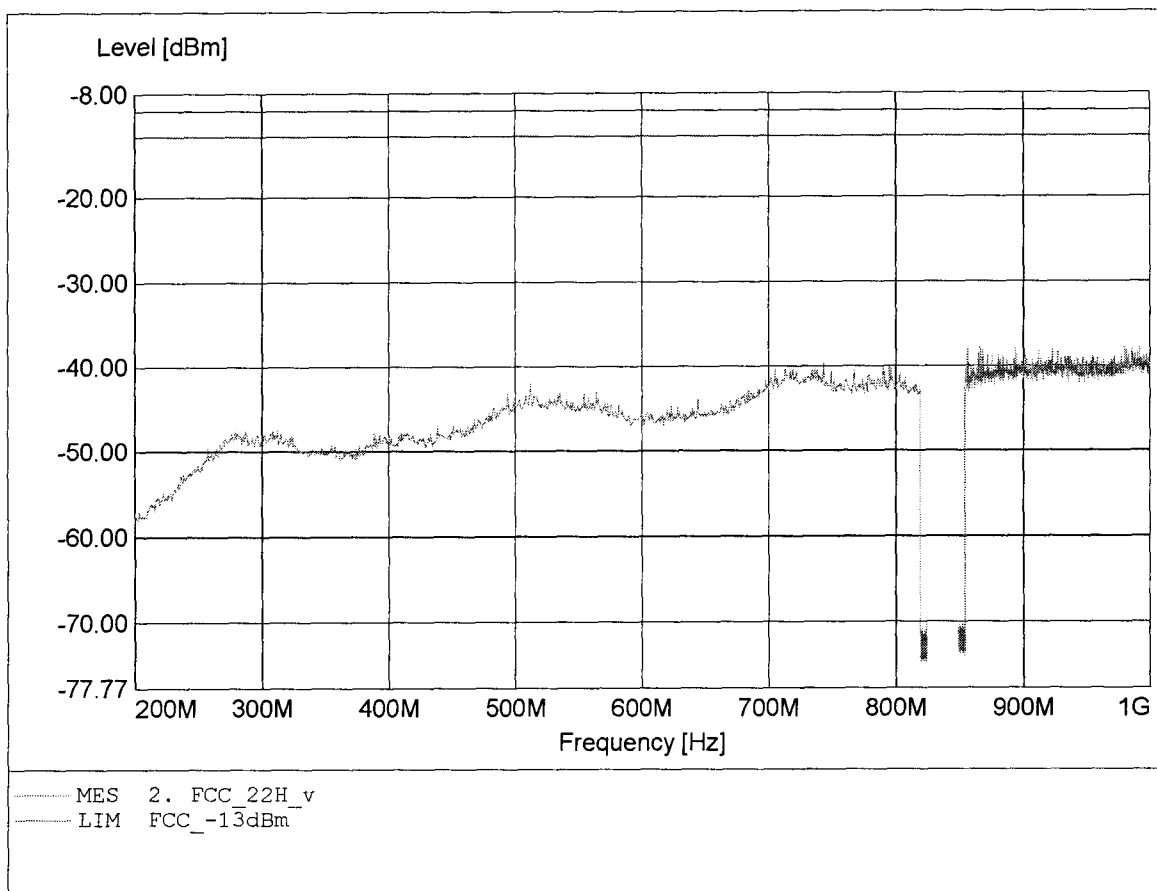
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 857.082MHz, Pmax: -36.17dBm, RBW: 1MHz



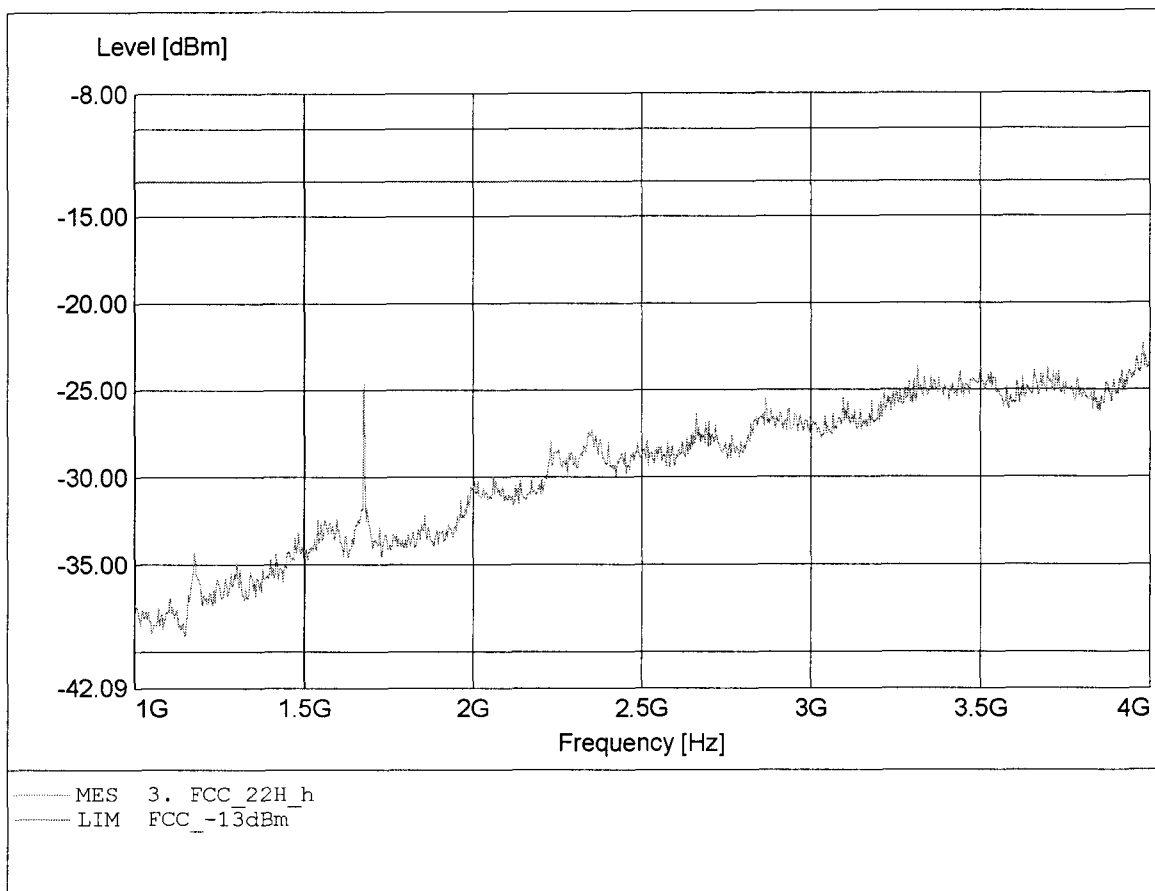
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 991.889MHz, Pmax: -37.62dBm, RBW: 1MHz



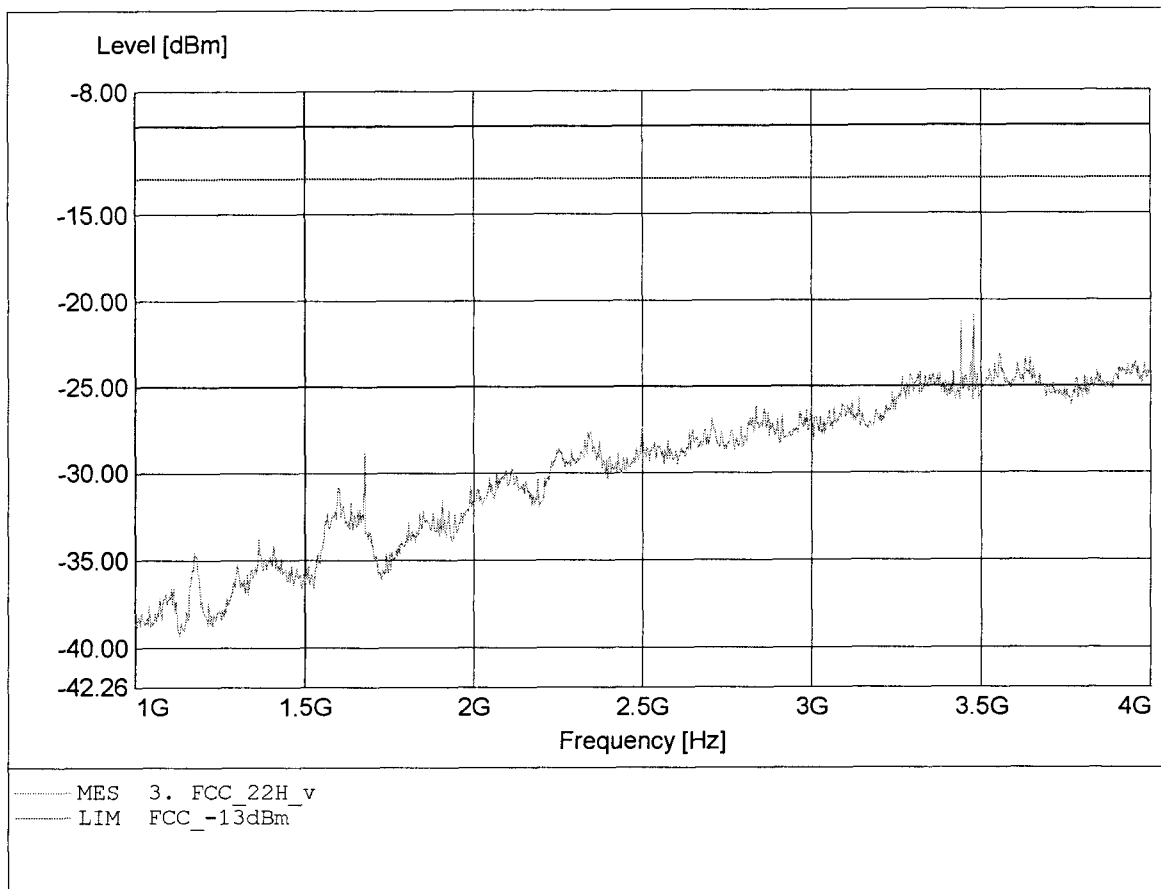
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.980GHz, Pmax: -22.29dBm, RBW: 1MHz



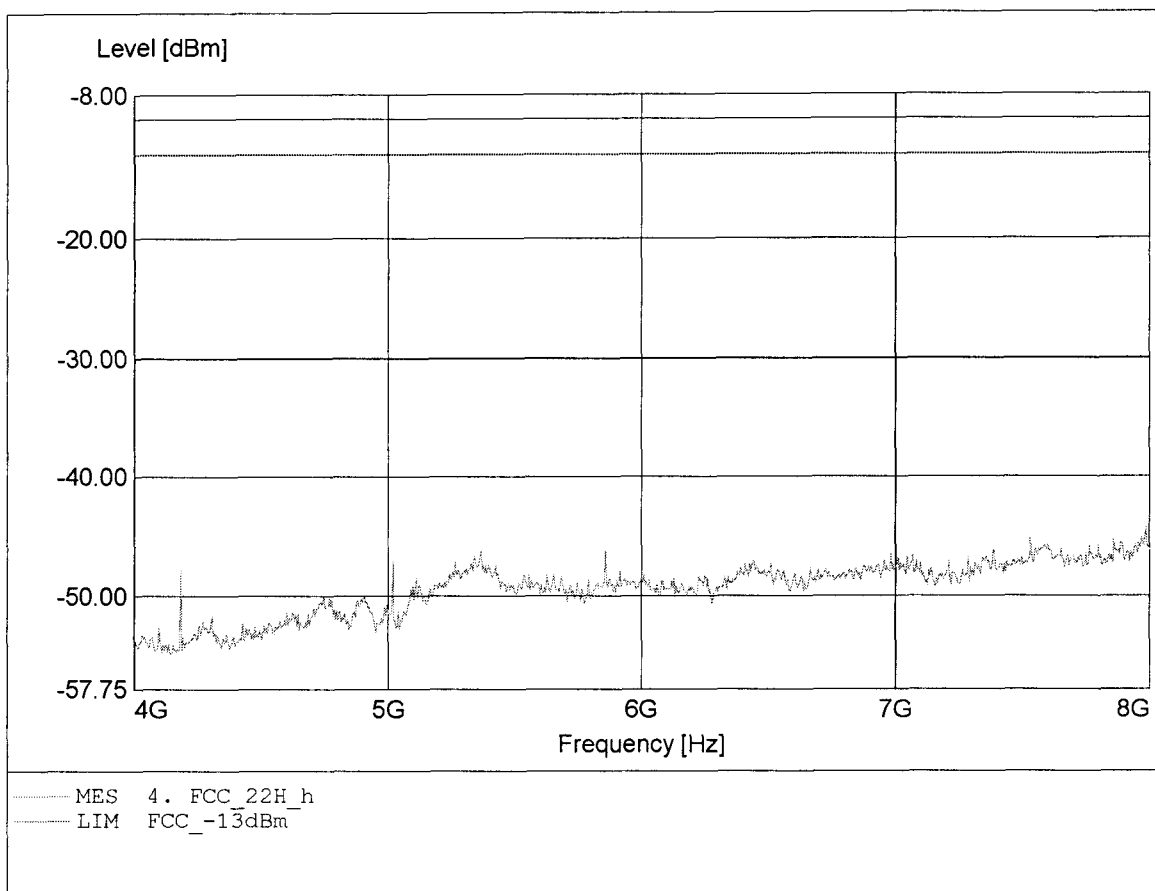
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.477GHz, Pmax: -20.79dBm, RBW: 1MHz



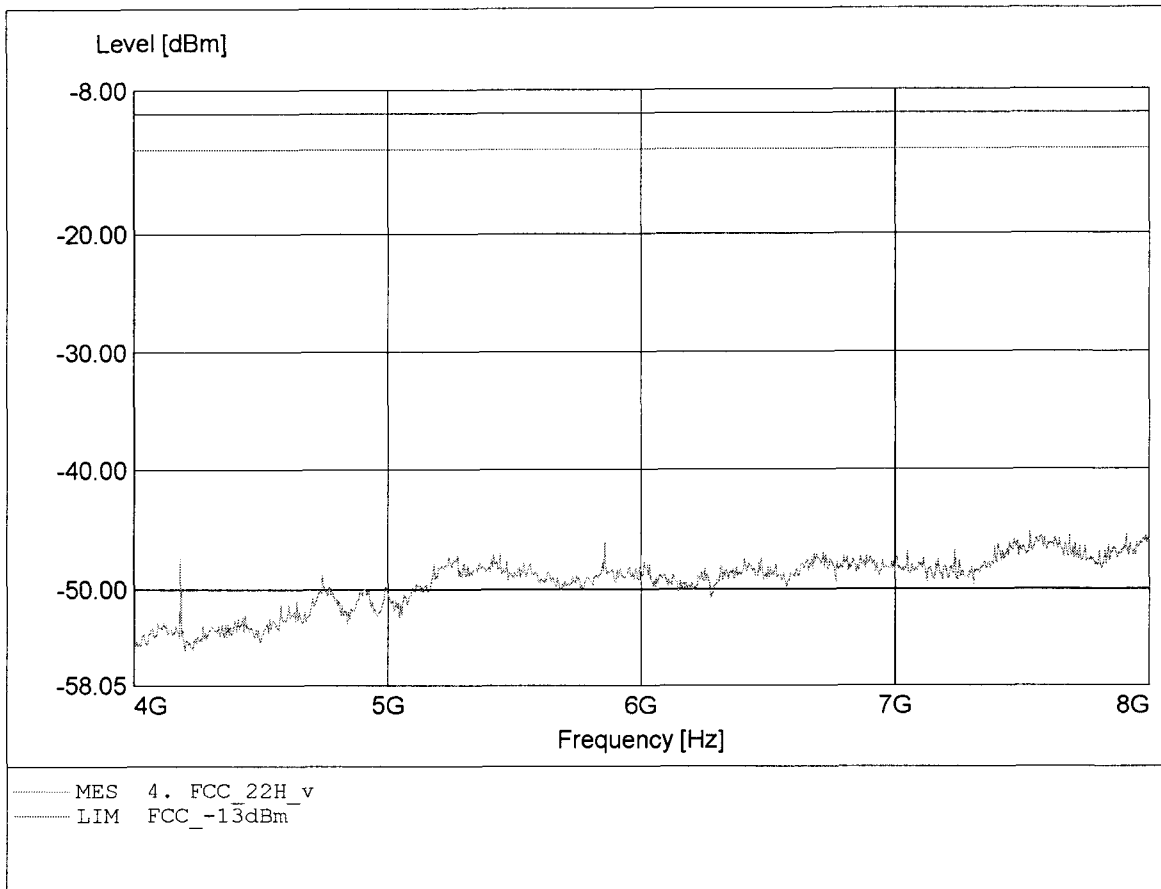
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 7.987GHz, Pmax: -44.37dBm, RBW: 1MHz



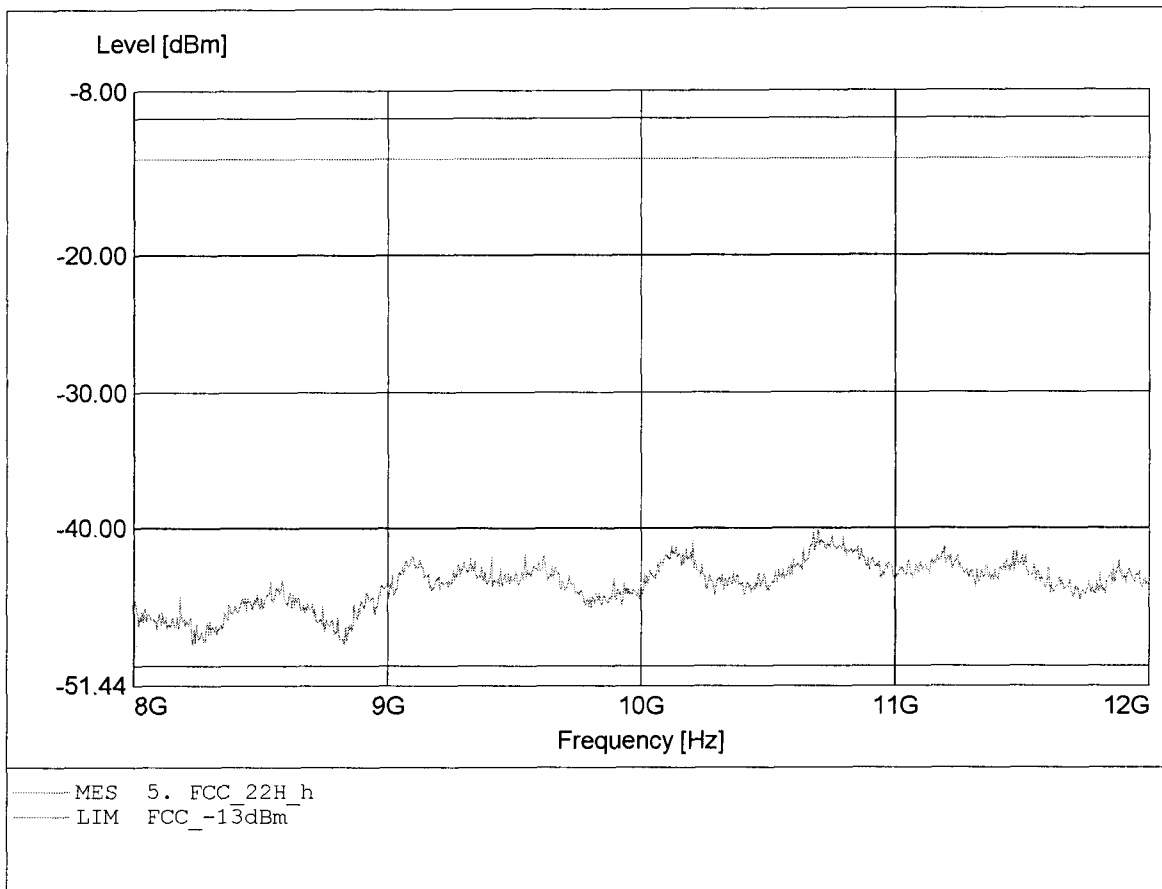
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 7.529GHz, Pmax: -45.12dBm, RBW: 1MHz



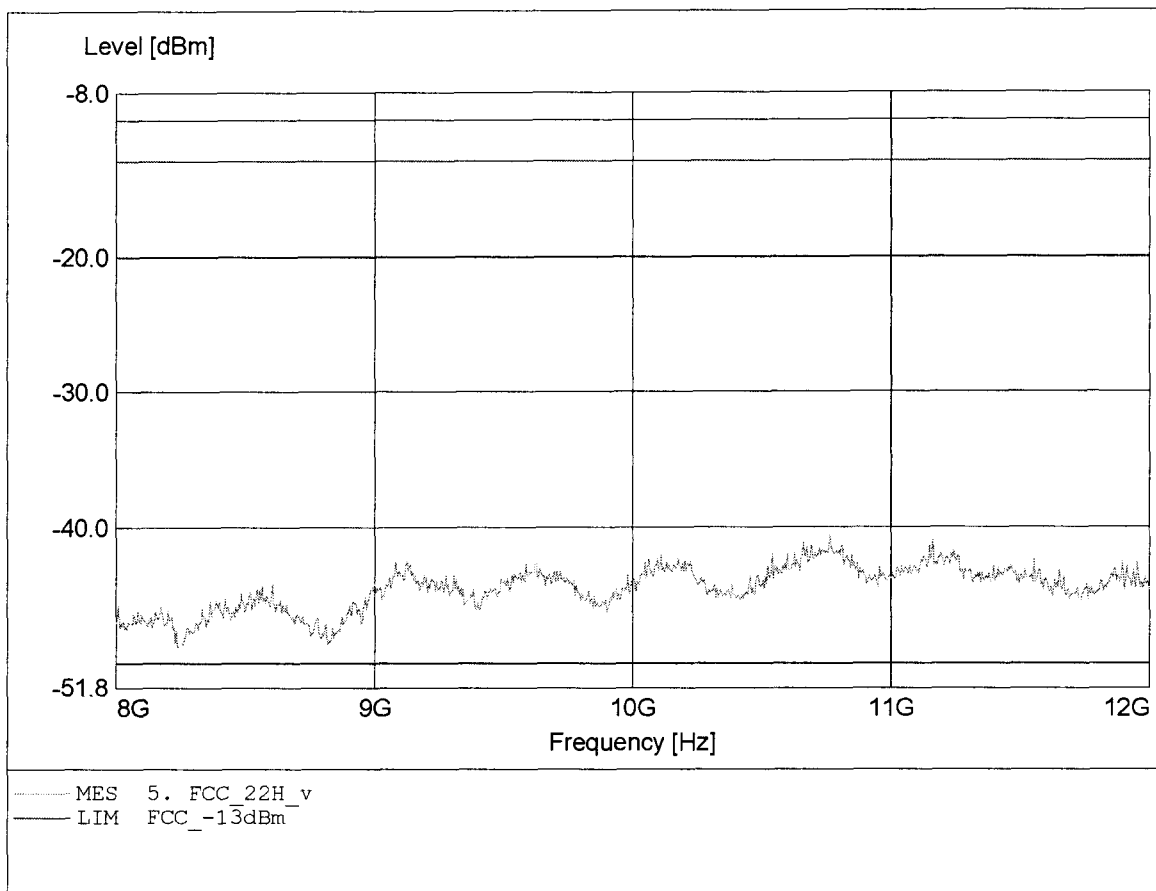
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 10.698GHz, Pmax: -40.00dBm, RBW: 1MHz



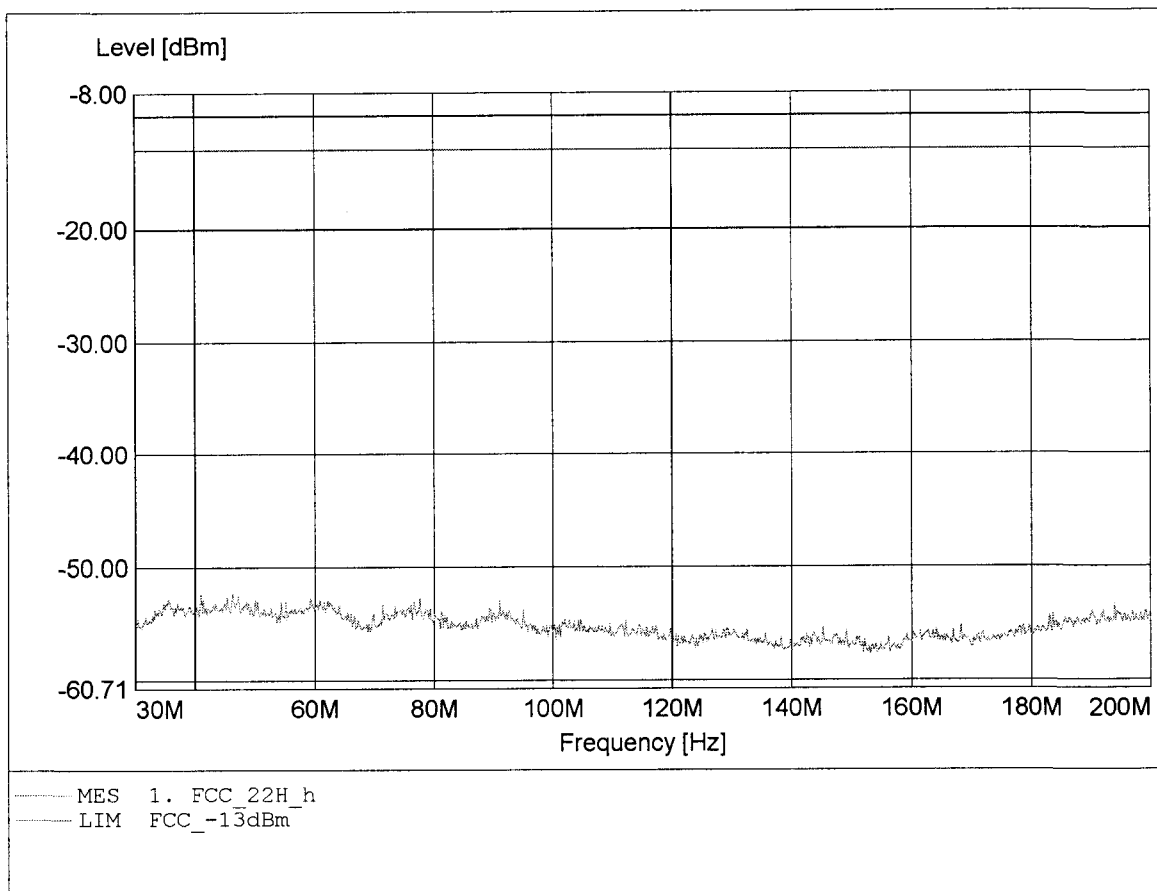
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 188
Test Site / Operator: ETS / Mr. Pfeufer
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: 10.764GHz, Pmax: -40.56dBm, RBW: 1MHz



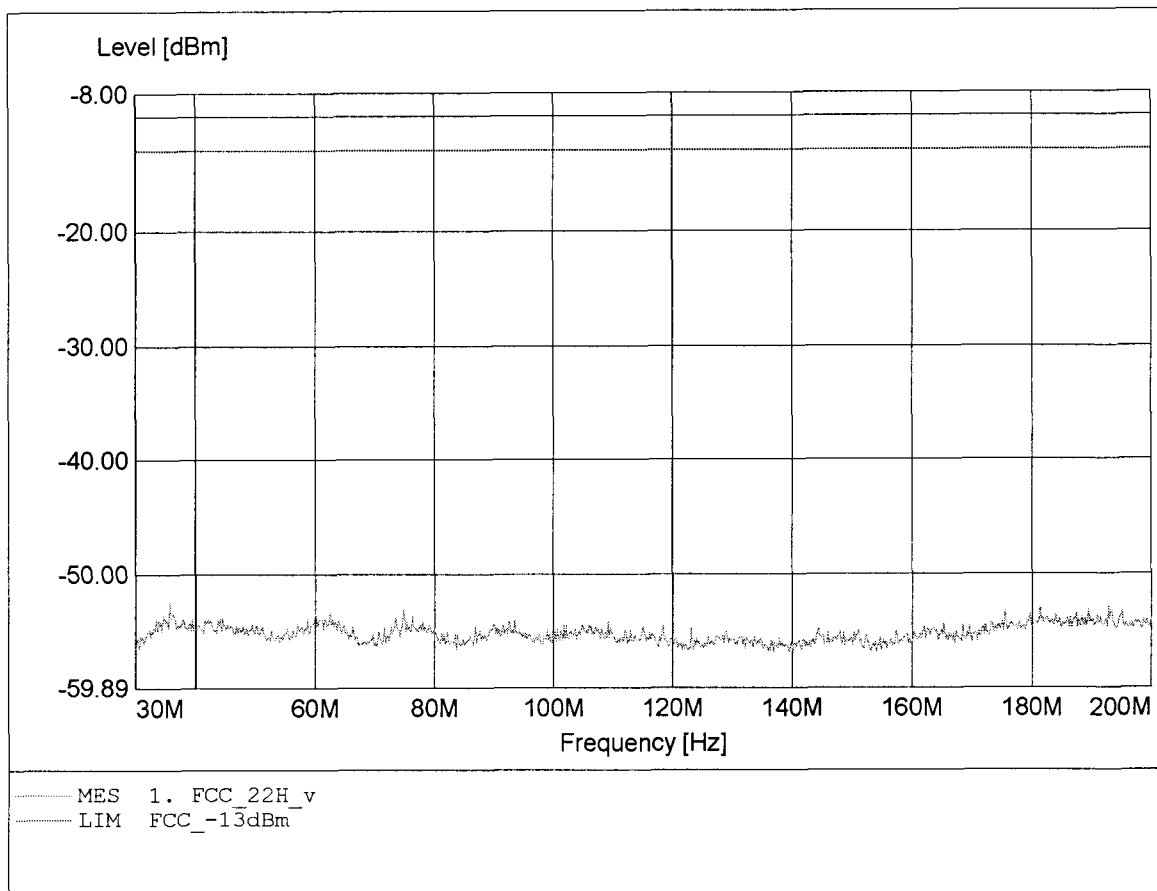
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 46.244MHz, Pmax: -52.22dBm, RBW: 1MHz



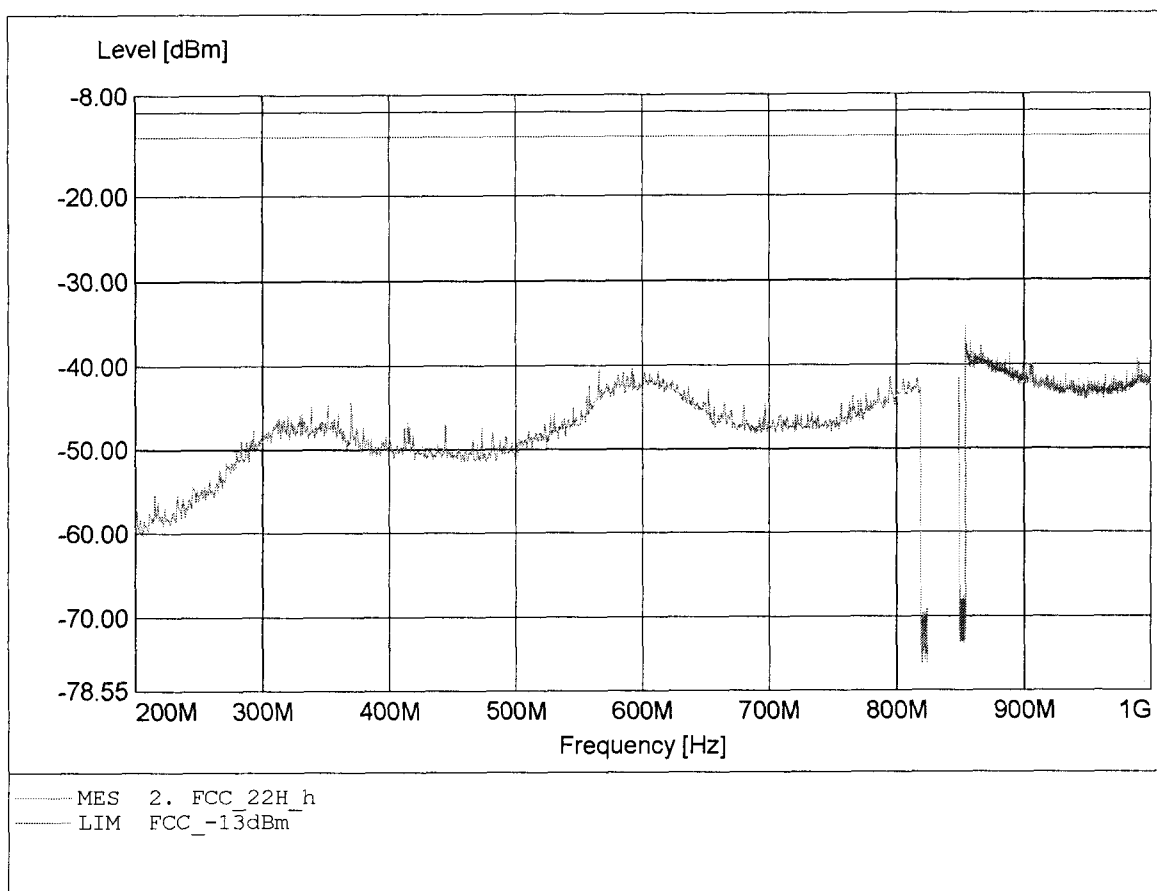
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
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: 35.667MHz, Pmax: -52.41dBm, RBW: 1MHz



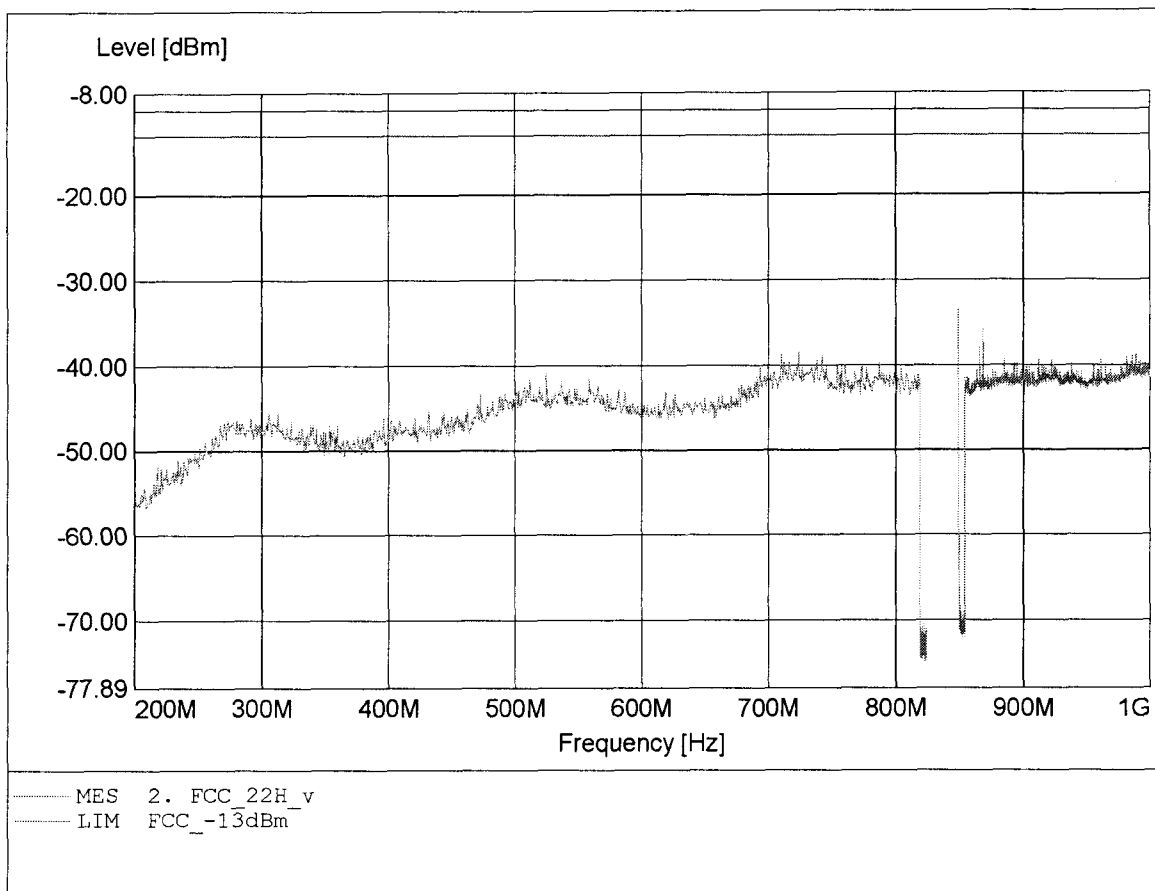
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
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: -35.39dBm, RBW: 1MHz



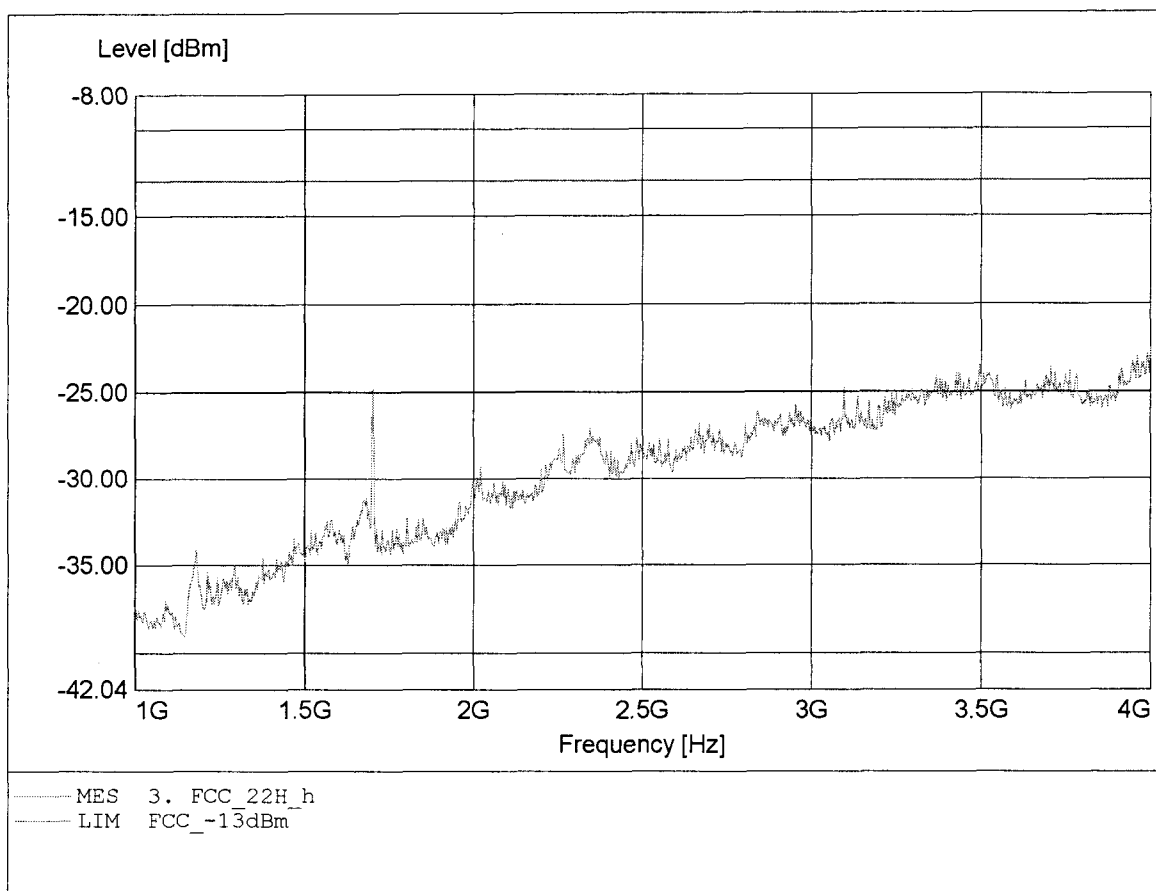
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
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: 849.006MHz, Pmax: -33.53dBm, RBW: 1MHz



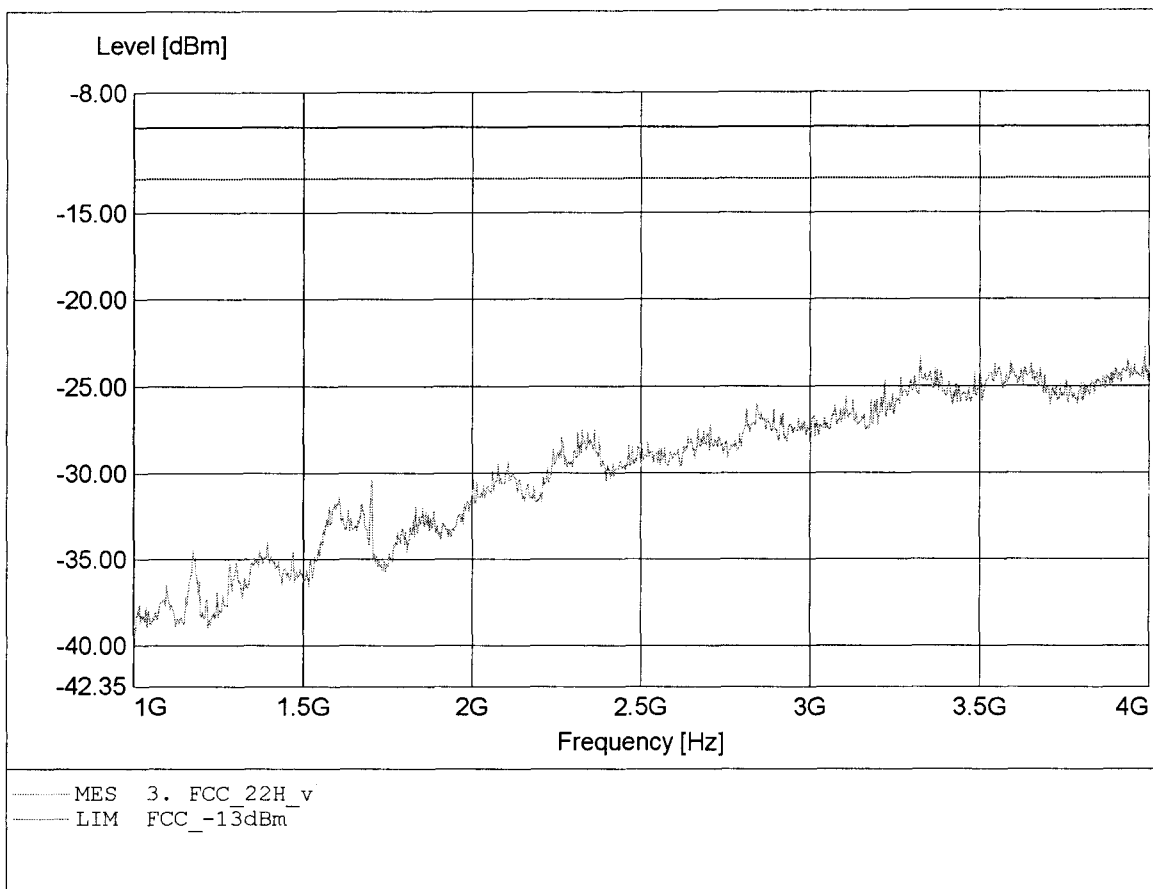
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 4.000GHz, Pmax: -22.54dBm, RBW: 1MHz



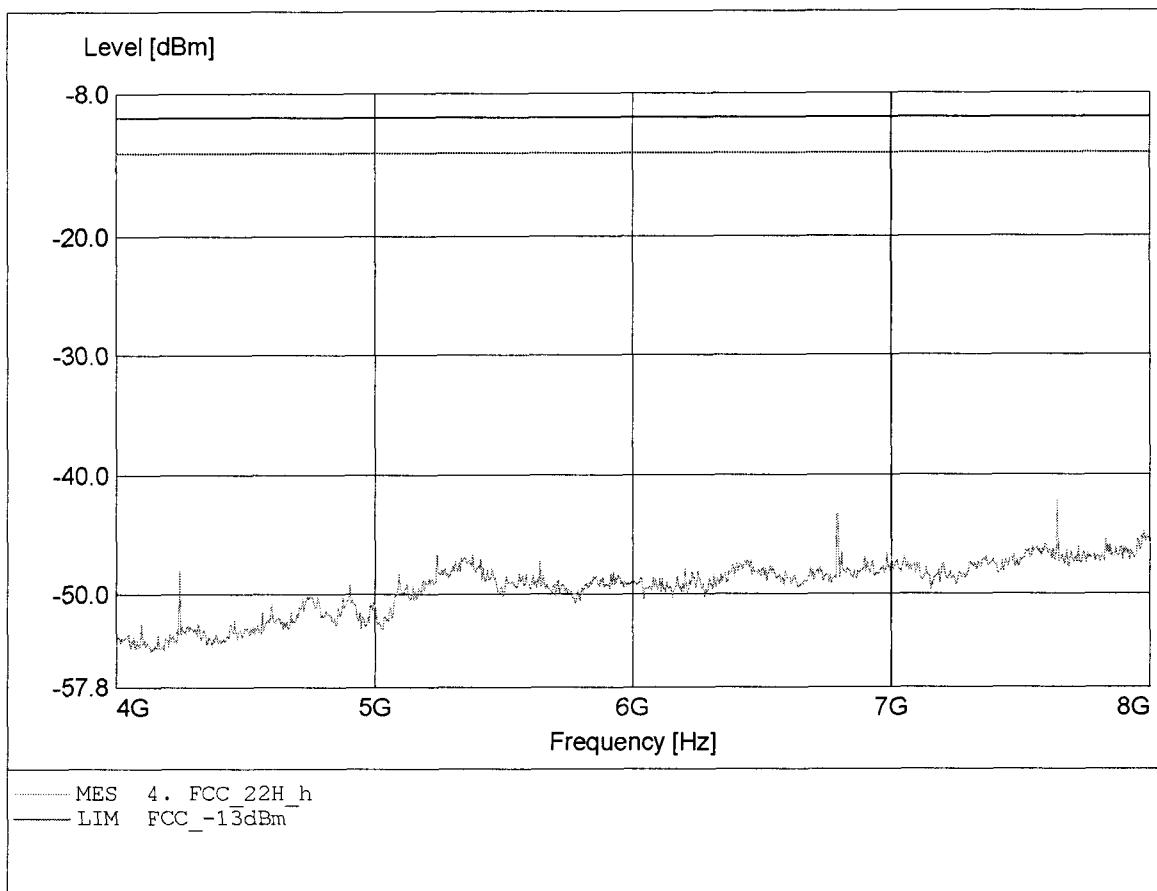
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
Temperature/ Voltage: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.987GHz, Pmax: -22.78dBm, RBW: 1MHz



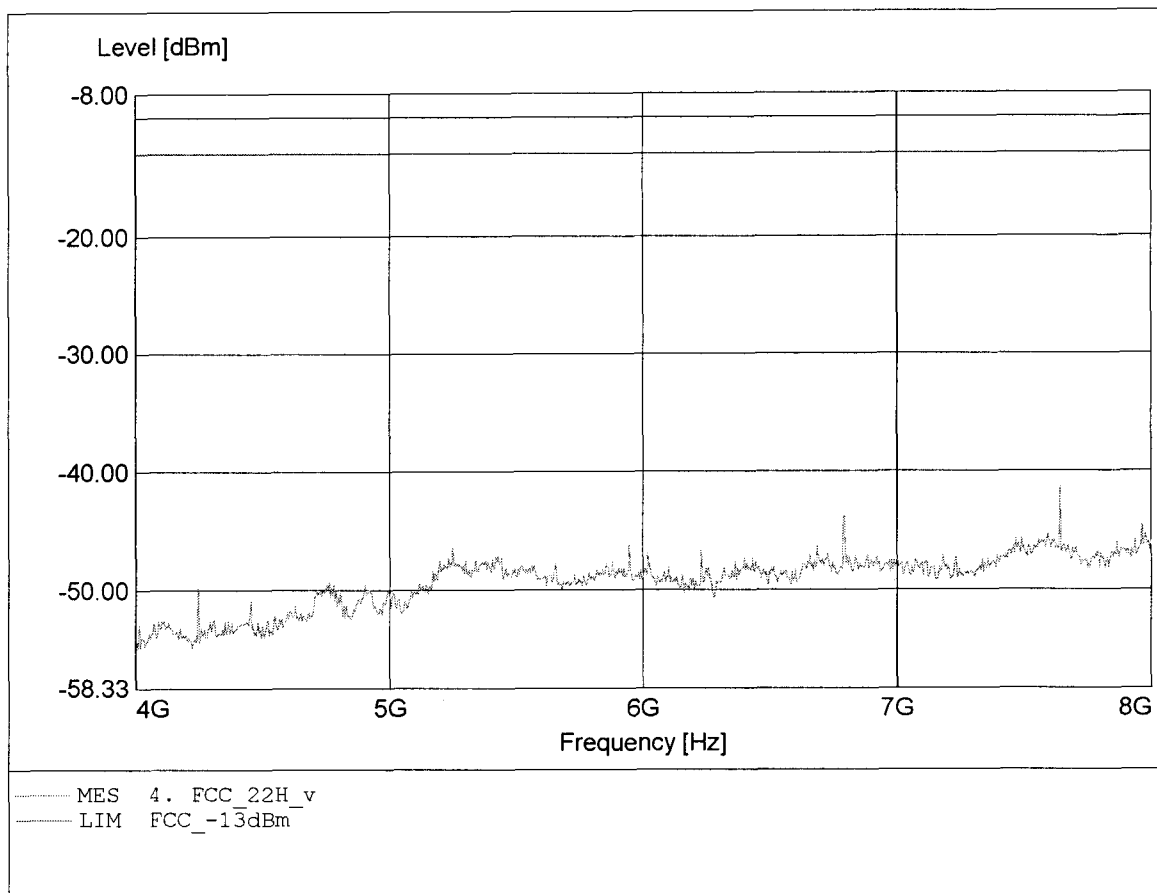
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
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: 7.640GHz, Pmax: -42.14dBm, RBW: 1MHz



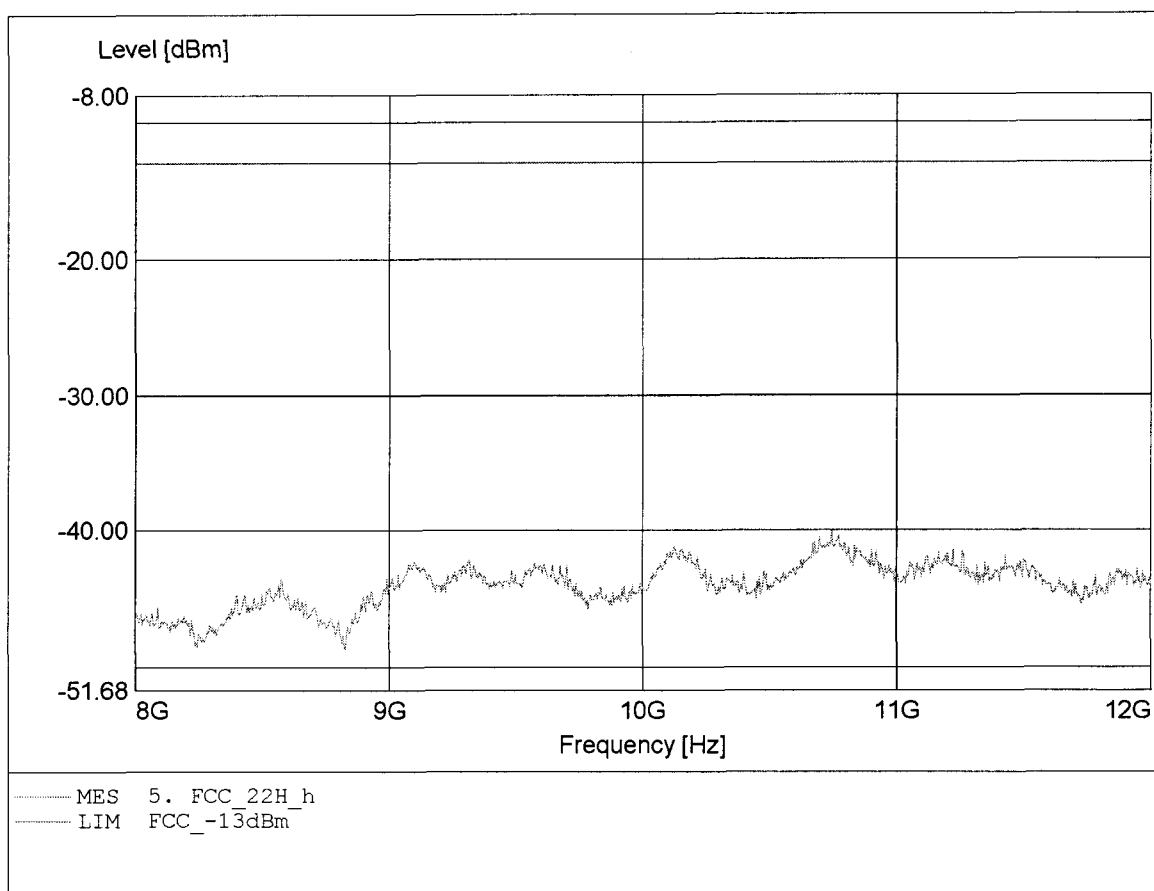
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
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: 7.640GHz, Pmax: -41.38dBm, RBW: 1MHz



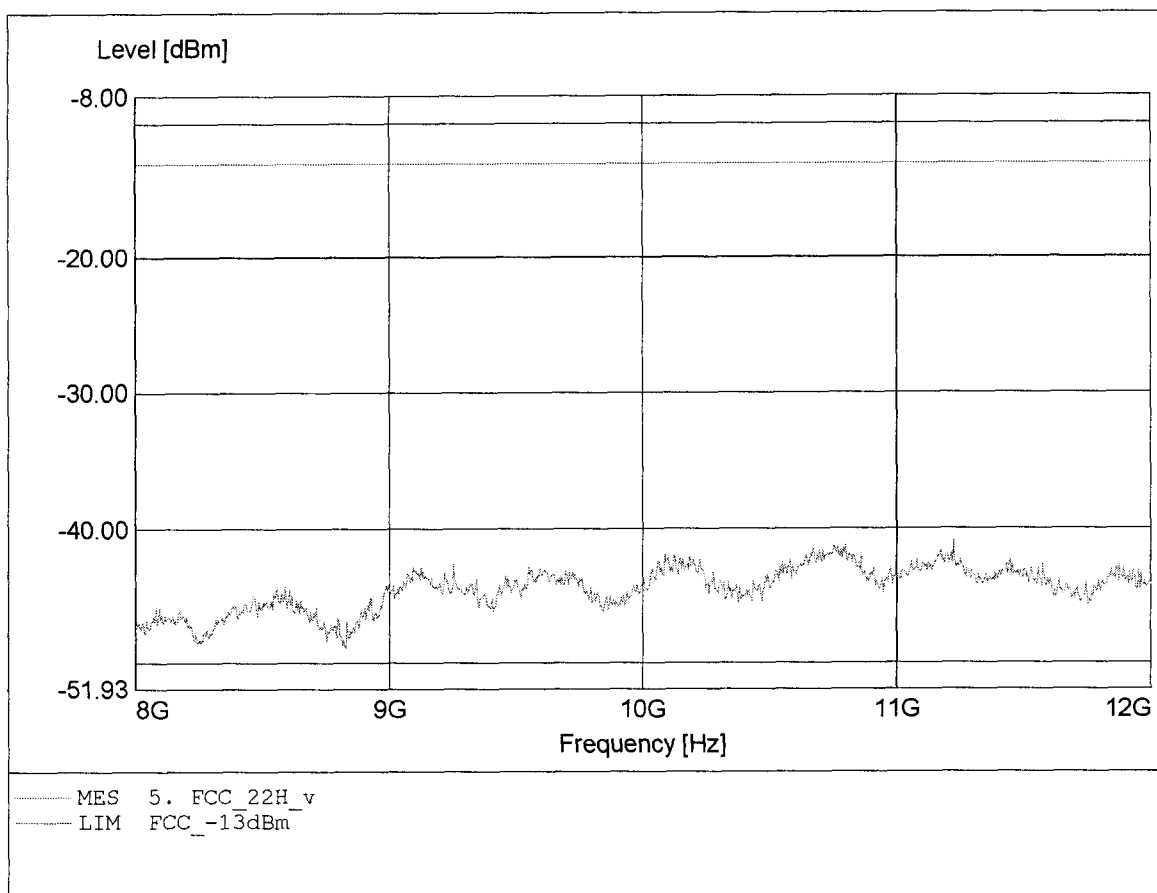
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
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: 10.747GHz, Pmax: -39.93dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: TRIPLE BAND GSM850 / DCS1800 / PCS1900 (WITH WAP & GPRS)
Model / Channel: PG-1610 / 251
Test Site / Operator: ETS / Mr. Pfeufer
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: 11.222GHz, Pmax: -40.90dBm, RBW: 1MHz



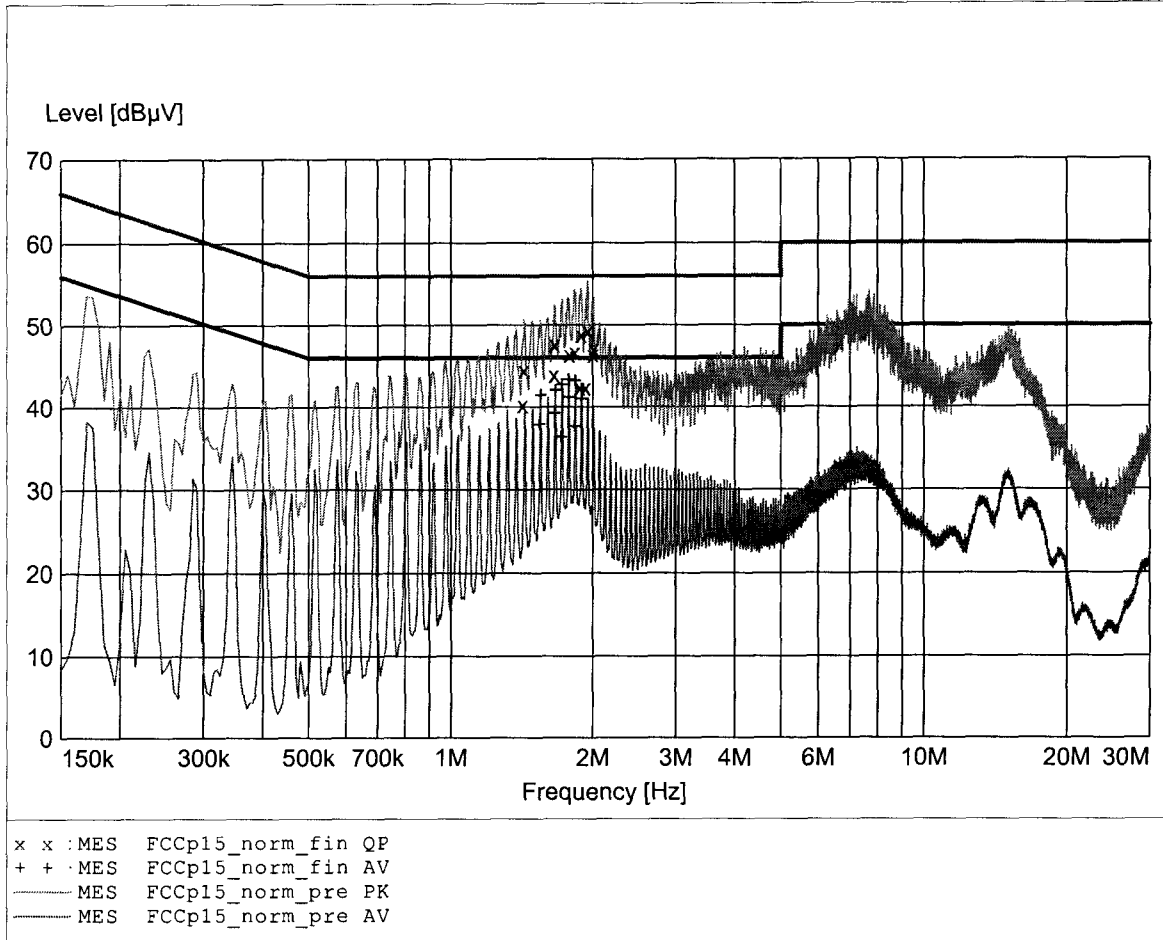


Appendix J

Line Conducted Emissions

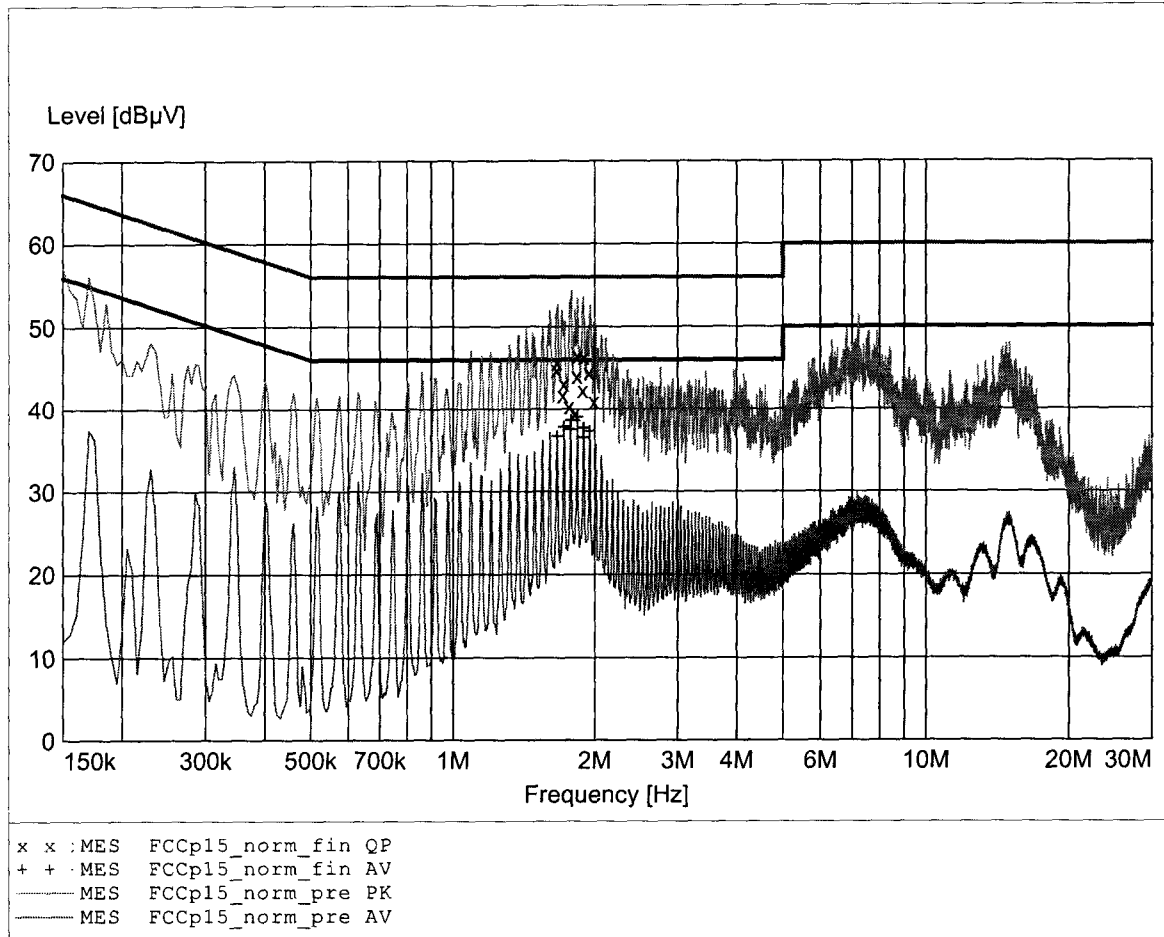
EMI voltage test in the ac-mains according to FCC part 15

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-1610 mode: GSM 850 / PCL 5 + charging
adaptor: 5265C2-MC



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

EUT: Triple Band GSM 850/DCS 1800 /PCS 1900 (with WAP & GPRS)
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC (AC/DC adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-1610 mode: GSM 850 / PCL 5 + charging
adaptor: 5265C2-MC



Appendix K

Frequency Stability vs. Temperature

No diagrams
Refer to point 13.2



Appendix L

Frequency Stability vs. Voltage

No diagrams
Refer to point 14.2