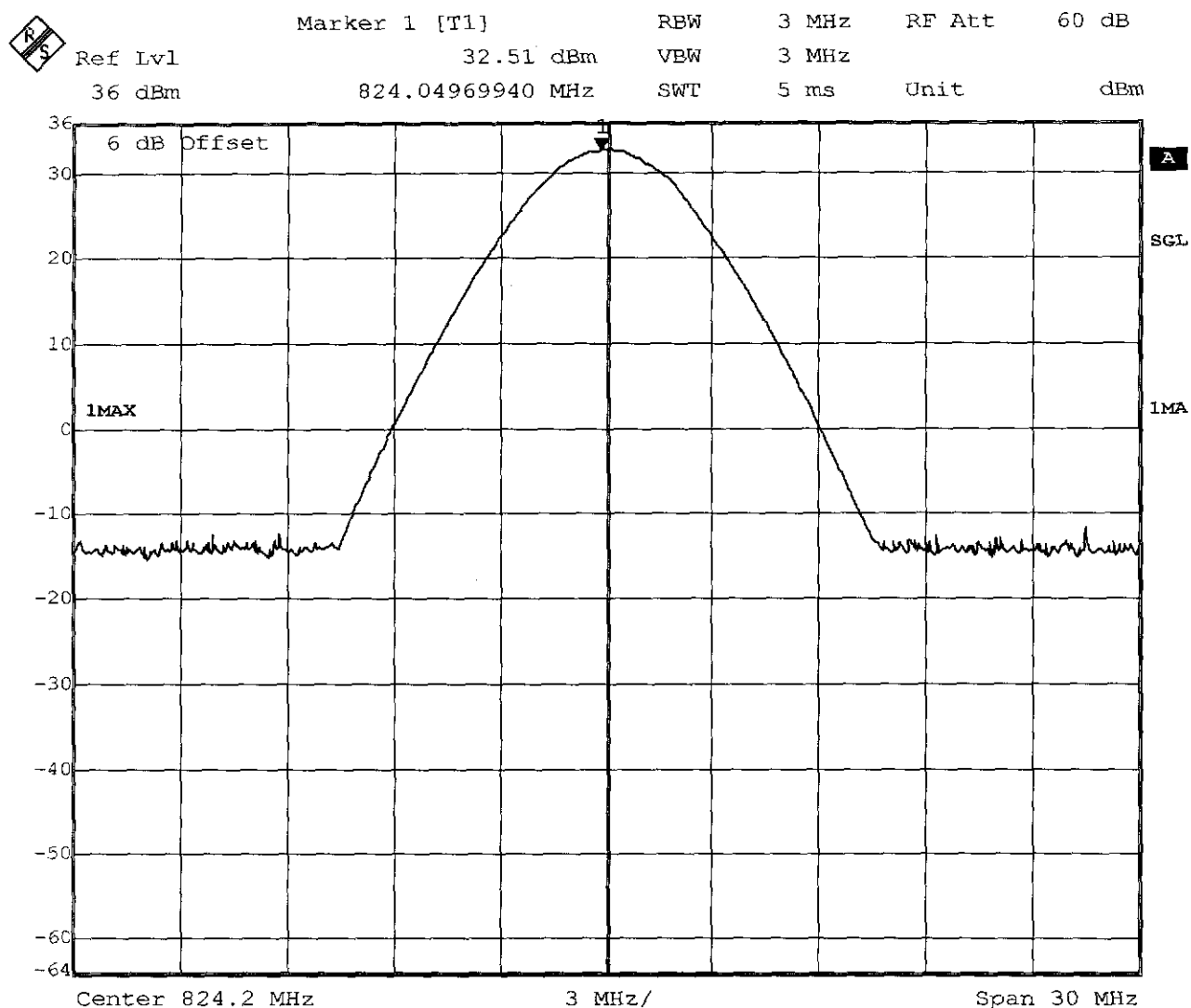


Appendix B

RF power output conducted

FCC Part 22 H
Output power conducted

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:38:50

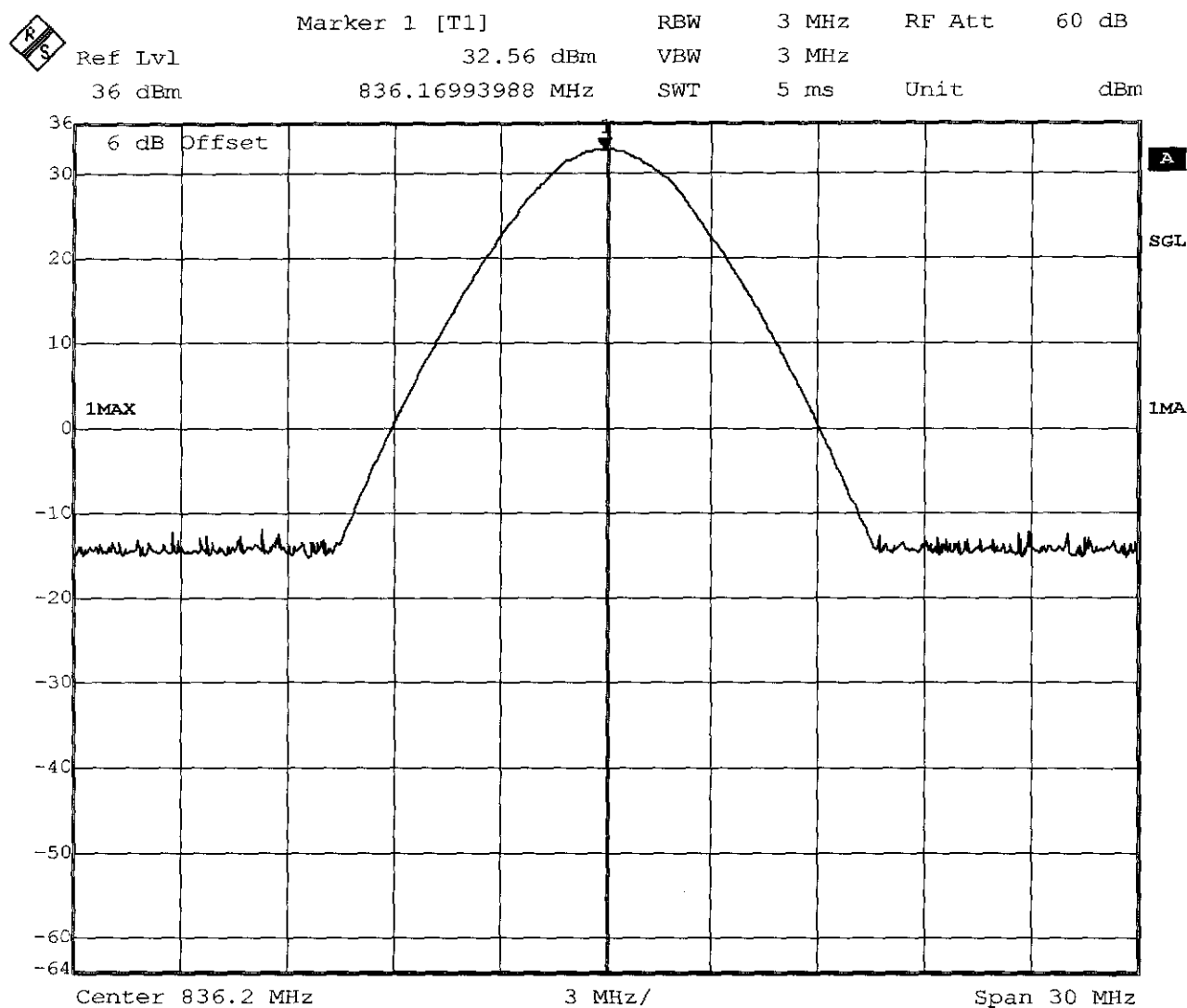
Measurement diagram

ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 22 H
Output power conducted

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 188
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:36:33

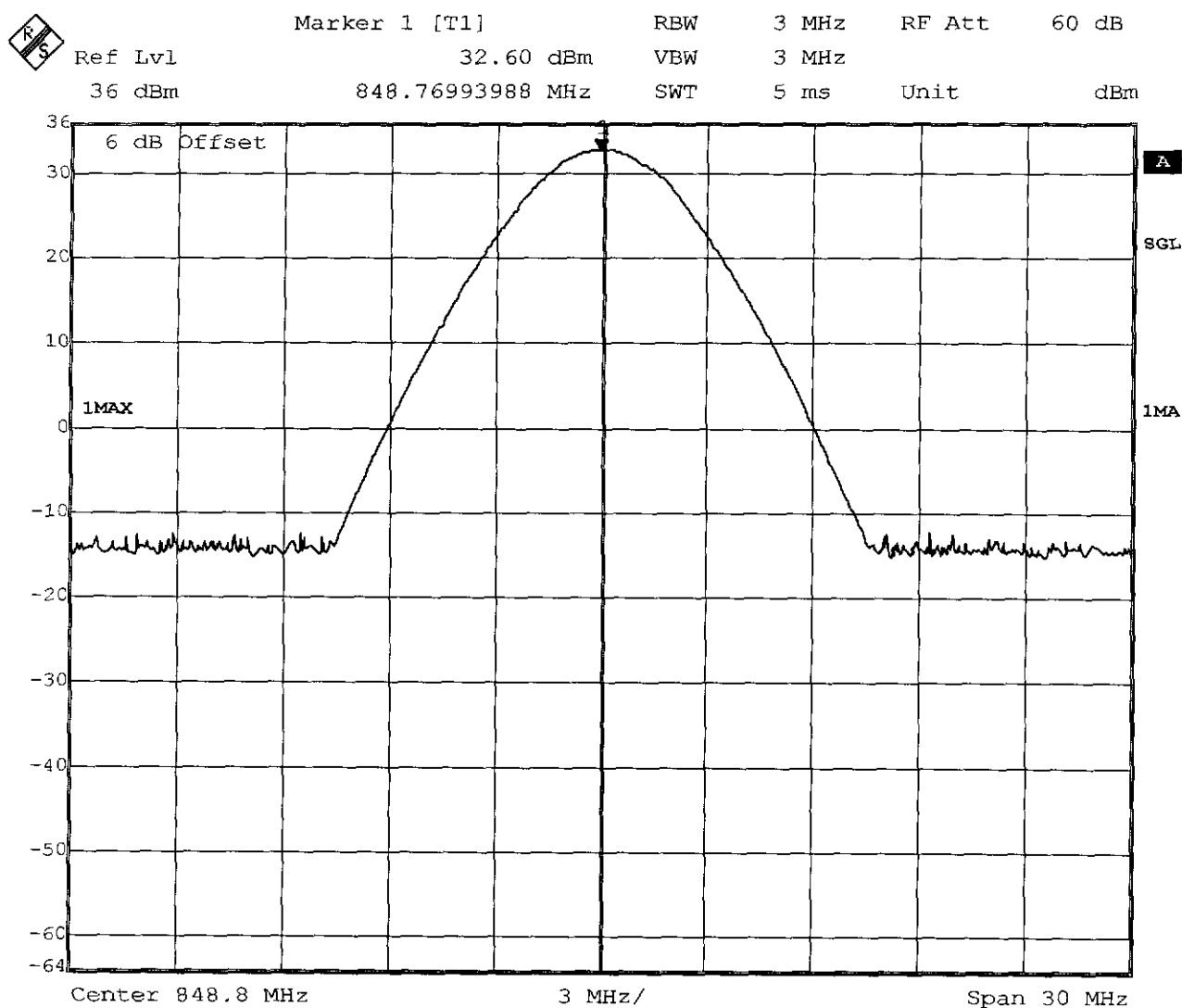
Measurement diagram

ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 22 H
Output power conducted

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:36:04

Measurement diagram

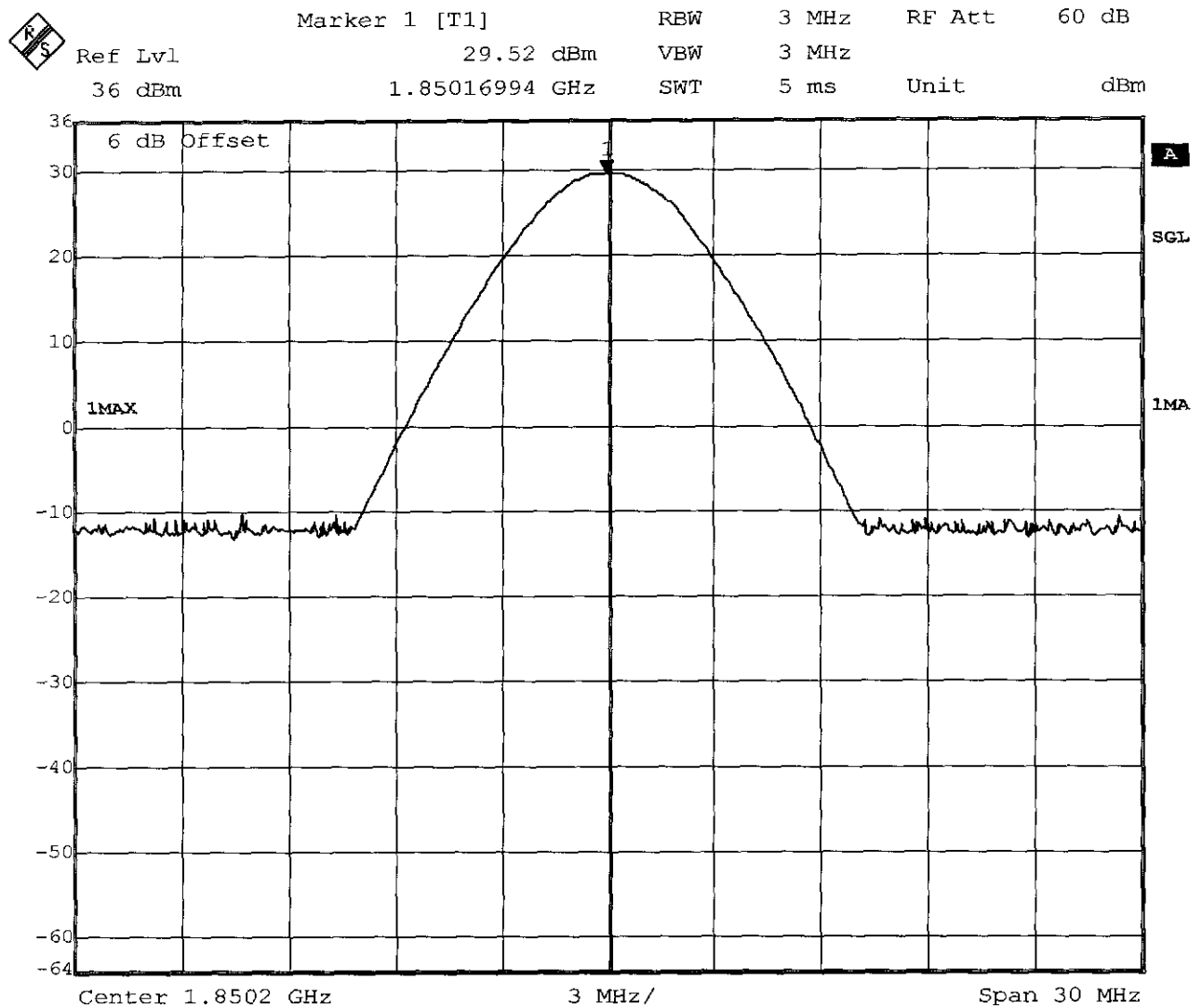
ETS Product Service AG

Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 24 E
Output power conducted

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 512
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:43:26

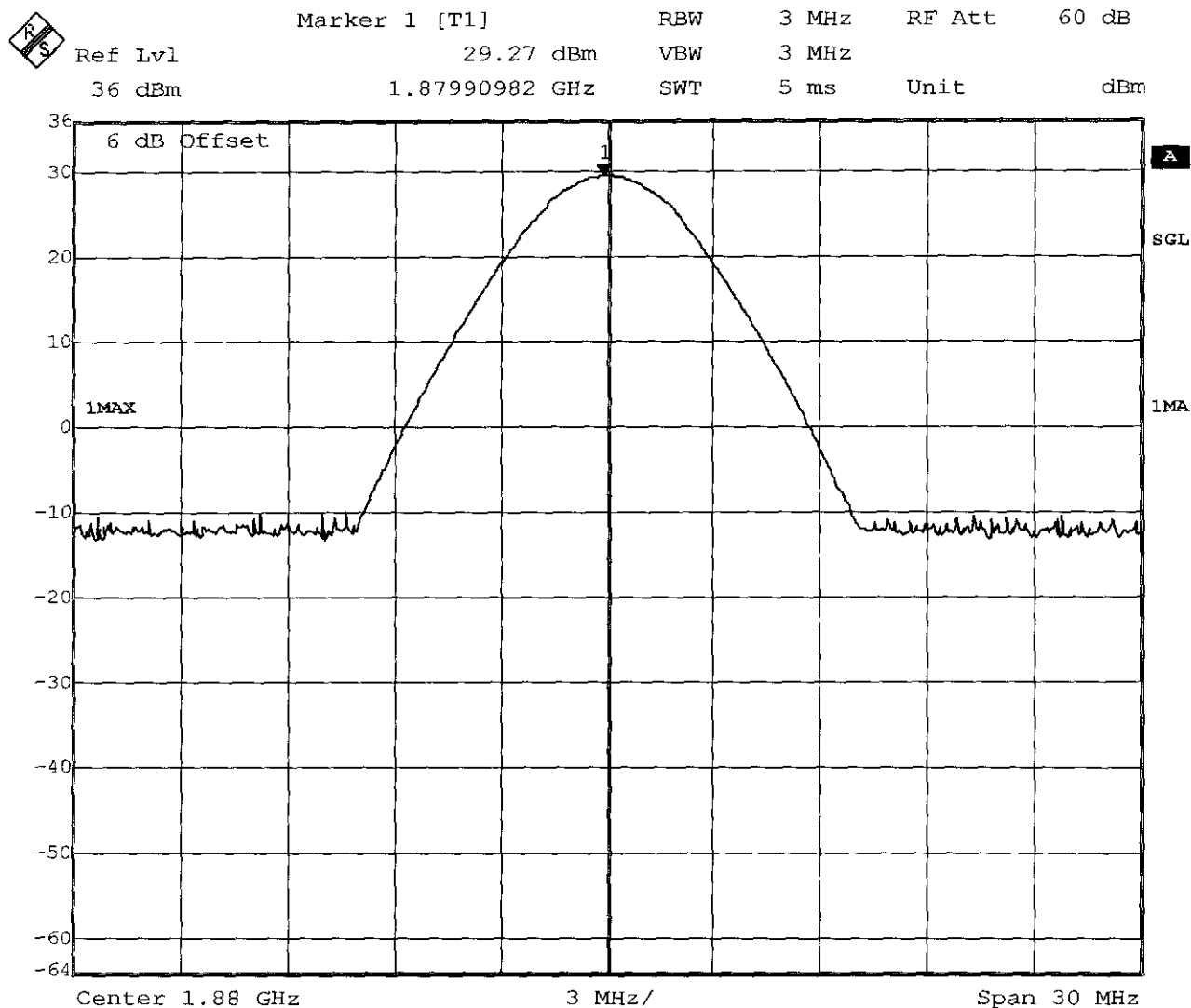
Measurement diagram

ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 24 E**Output power conducted**

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 661
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:44:02

Measurement diagram

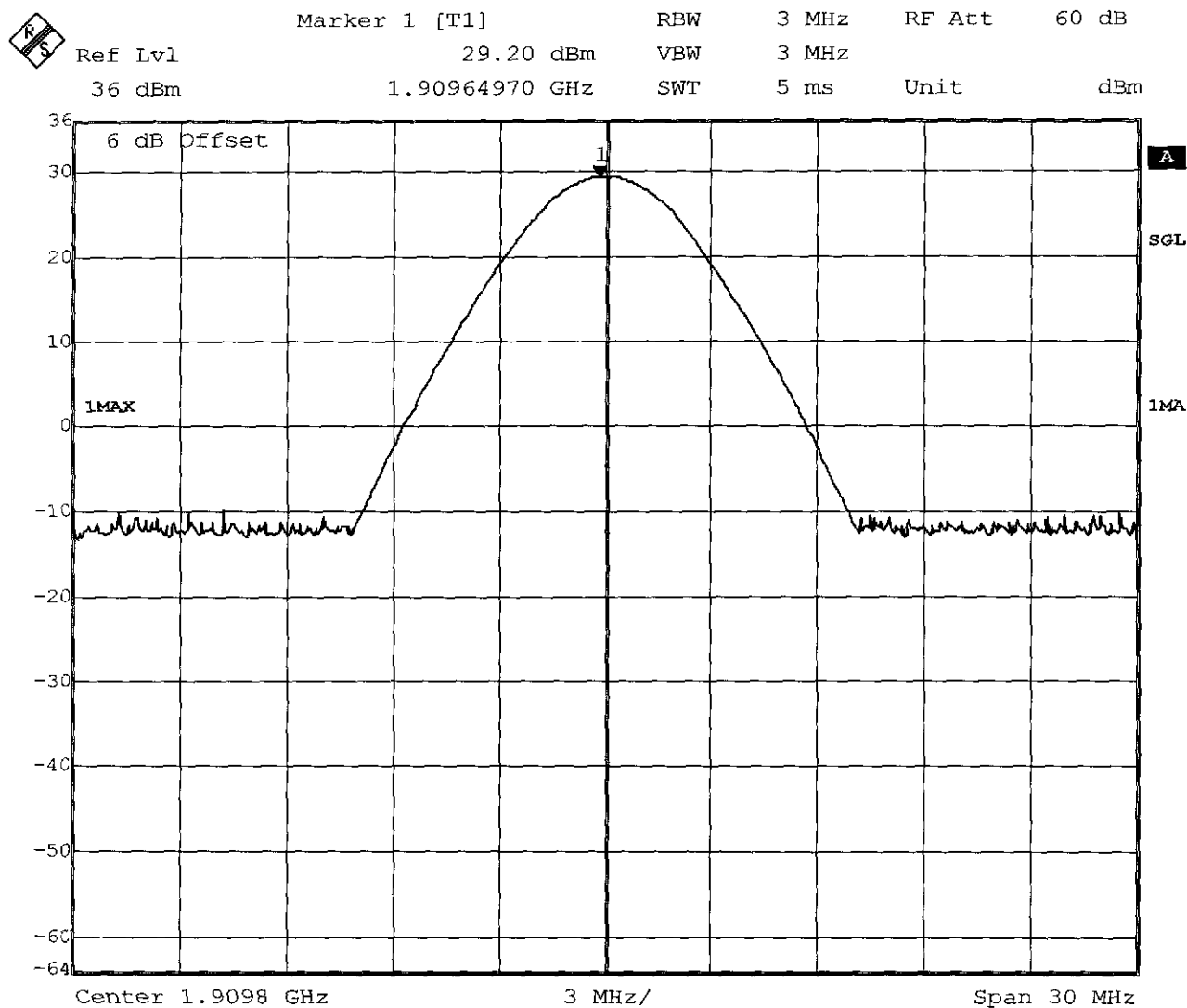
ETS Product Service AG

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FCC Part 24 E
Output power conducted

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 810
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:49:17

Measurement diagram

ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

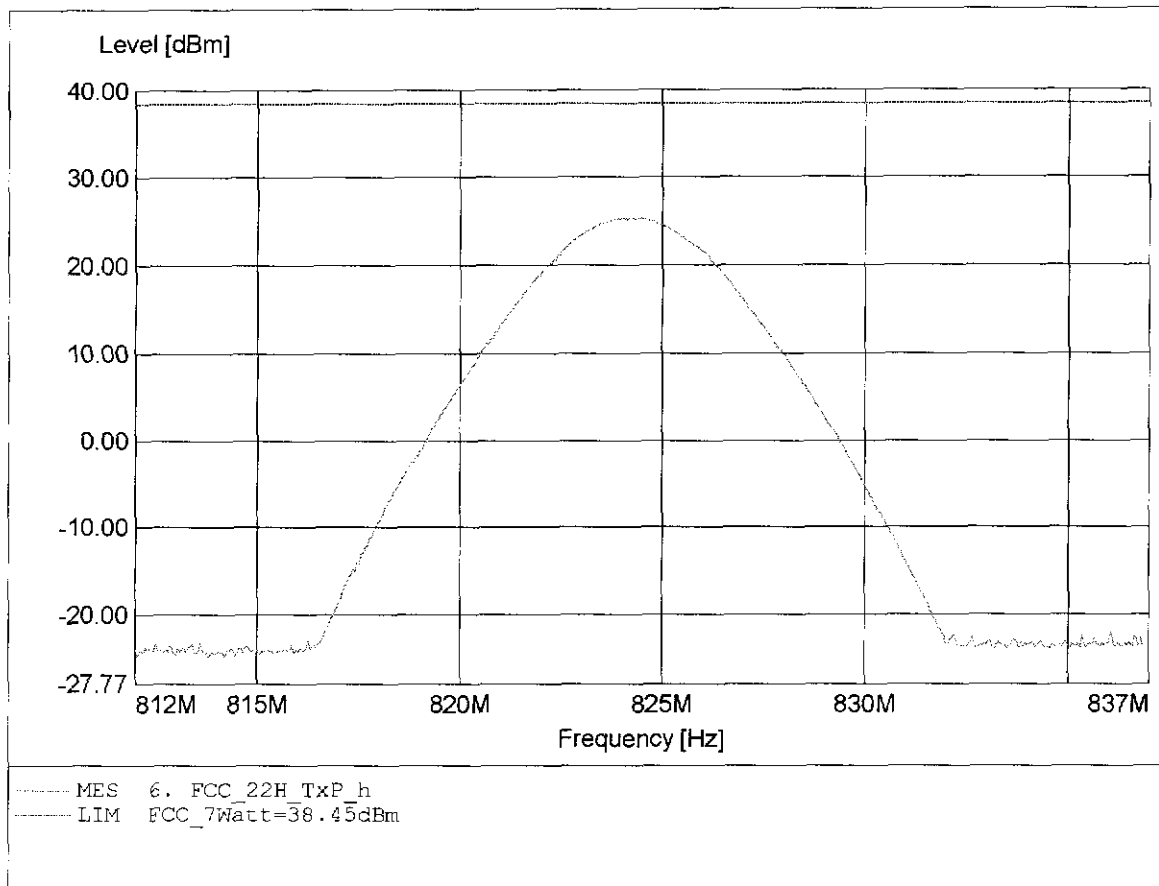
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Appendix C

RF power output radiated

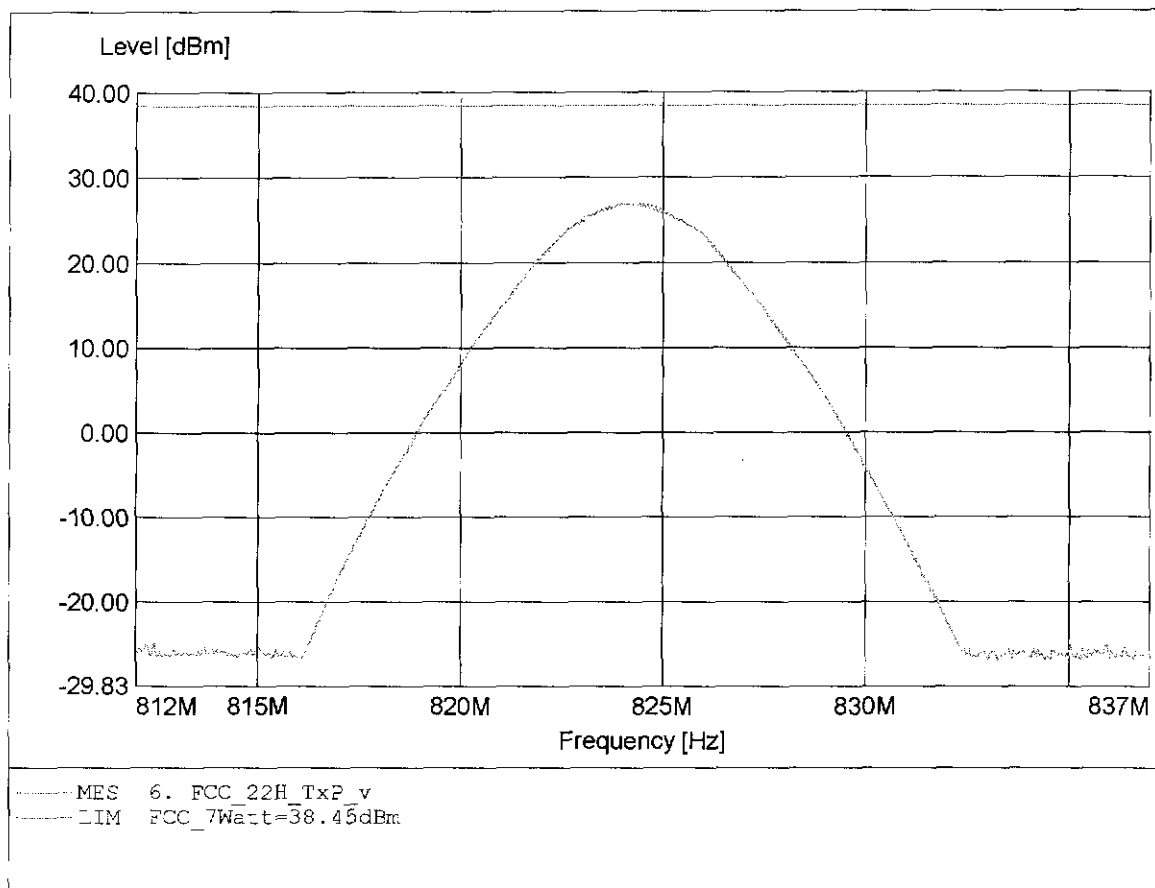
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.275MHz, Pmax: 25.32dBm, RBW: 3MHz



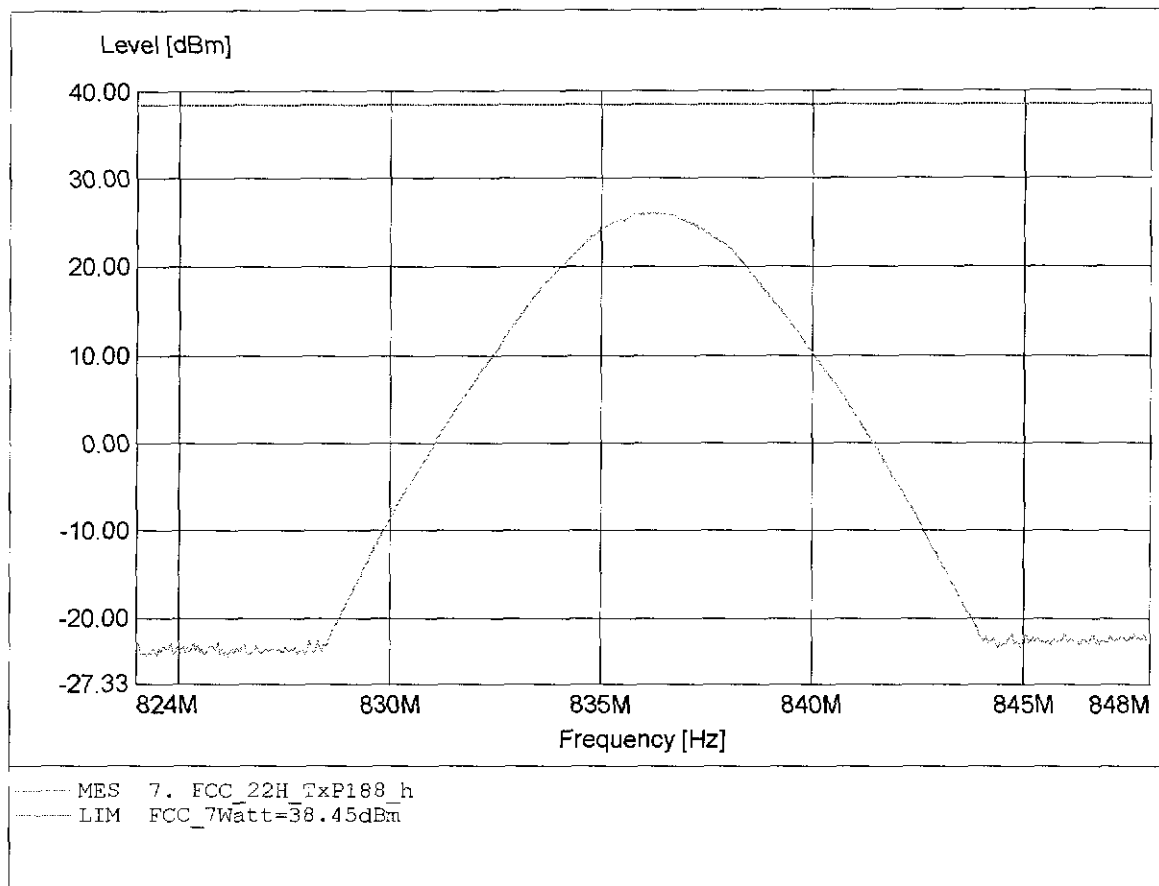
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.224MHz, Pmax: 26.96dBm, RBW: 3MHz



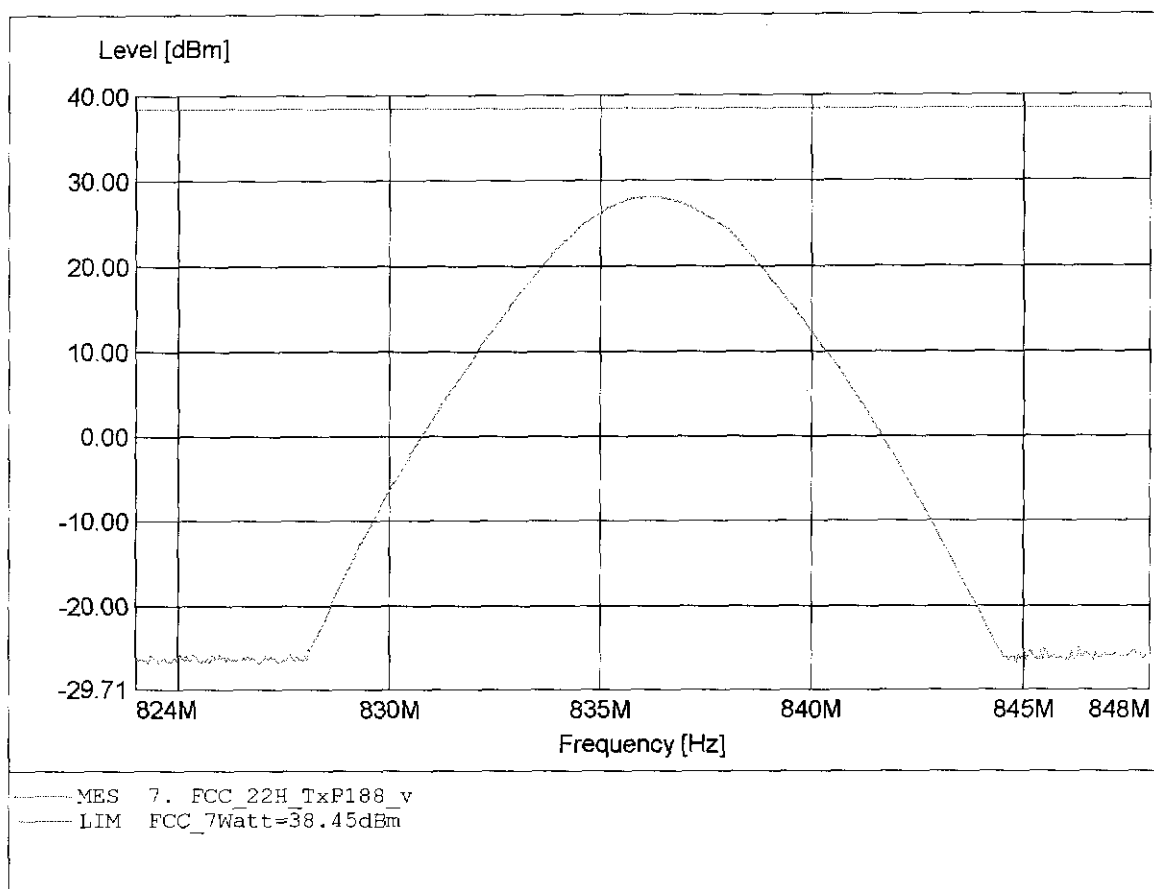
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.361MHz, Pmax: 26.03dBm, RBW: 3MHz



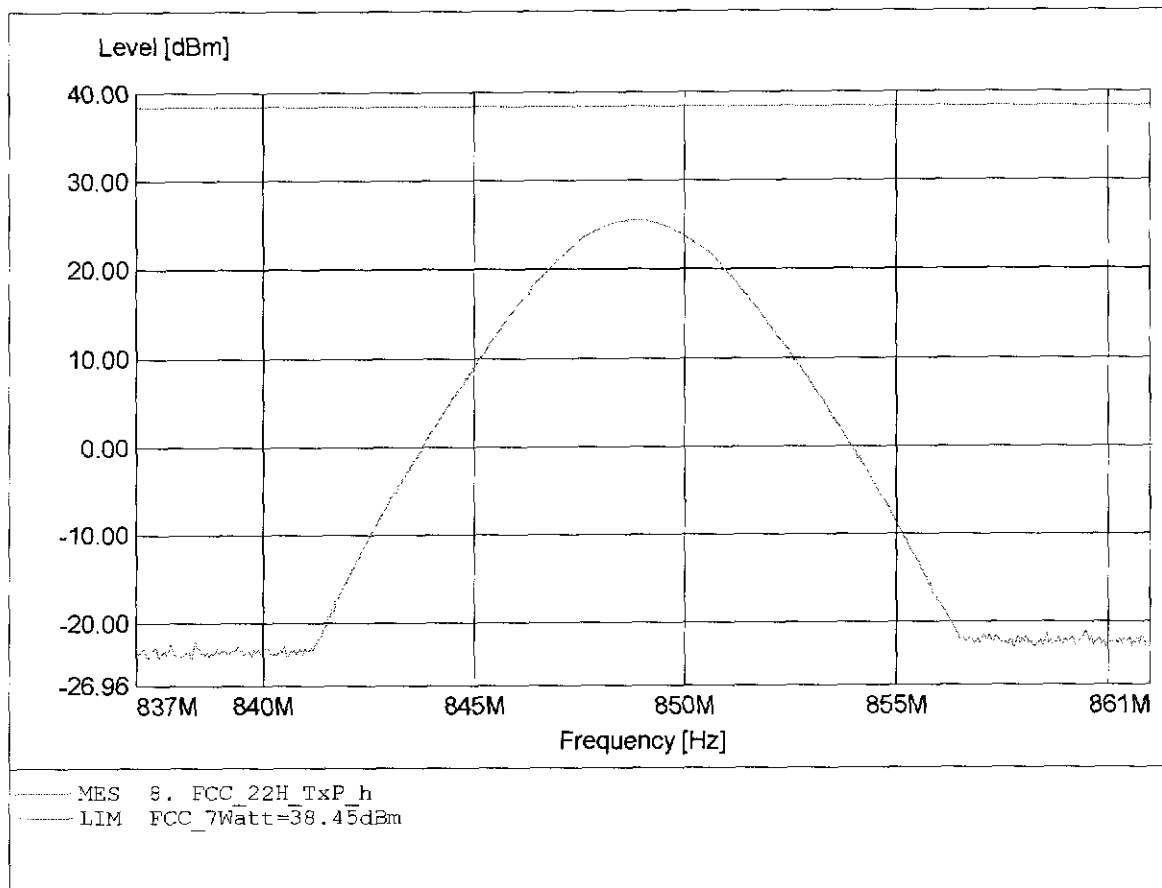
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.216MHz, Pmax: 28.11dBm, RBW: 3MHz



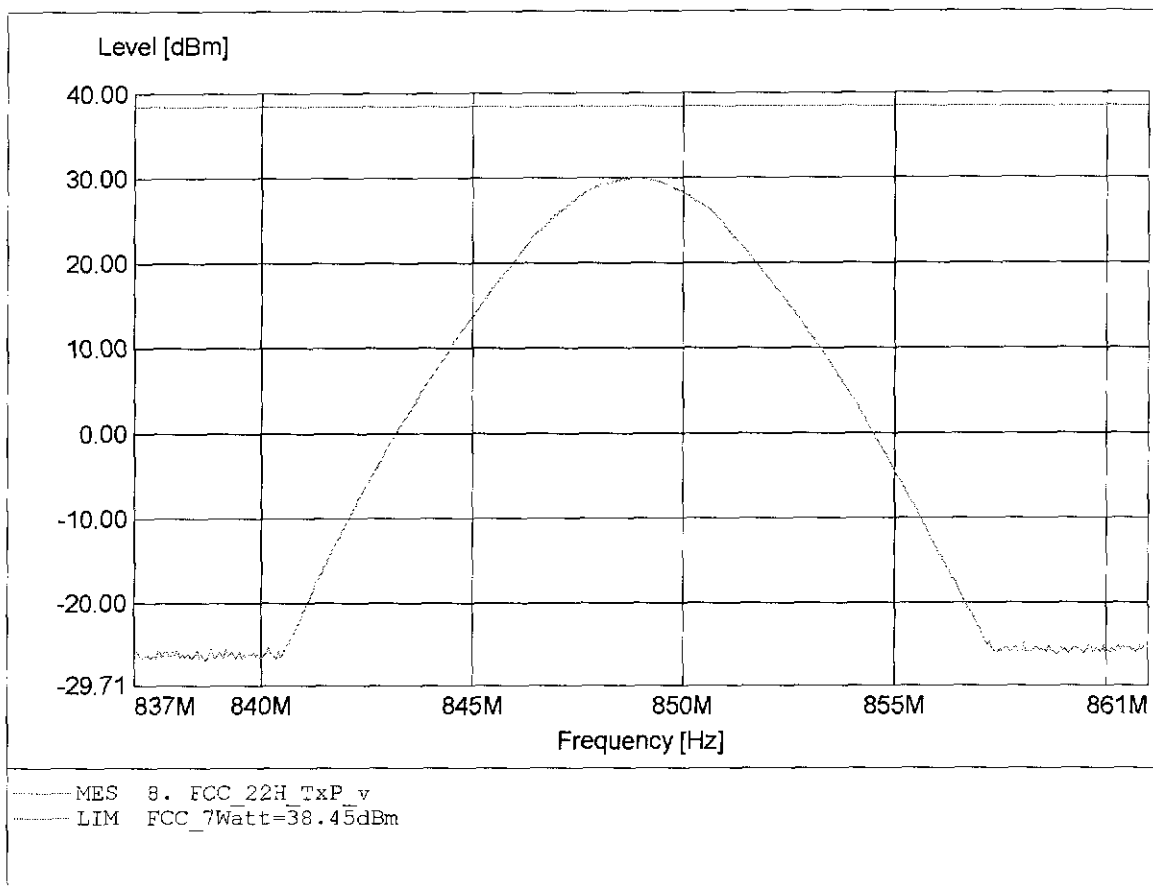
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.832MHz, Pmax: 25.50dBm, RBW: 3MHz



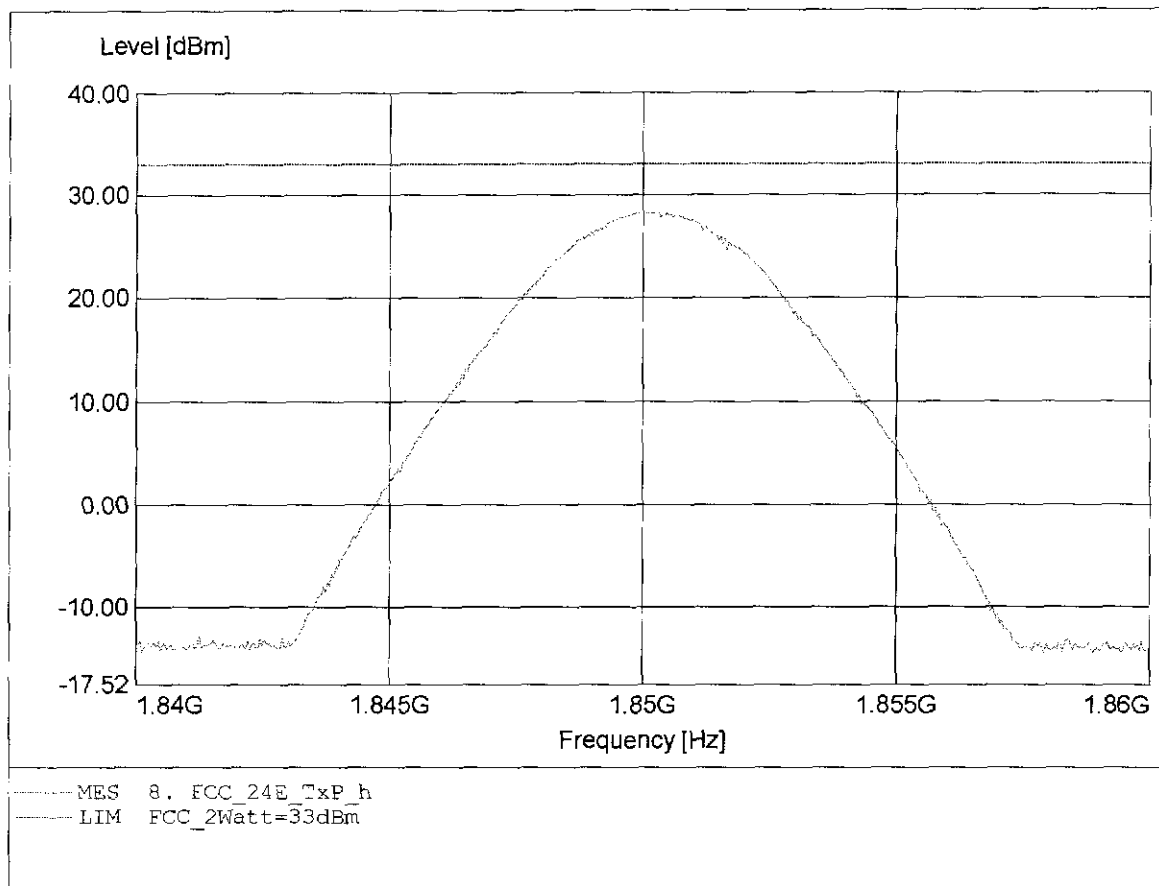
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.928MHz, Pmax: 29.97dBm, RBW: 3MHz



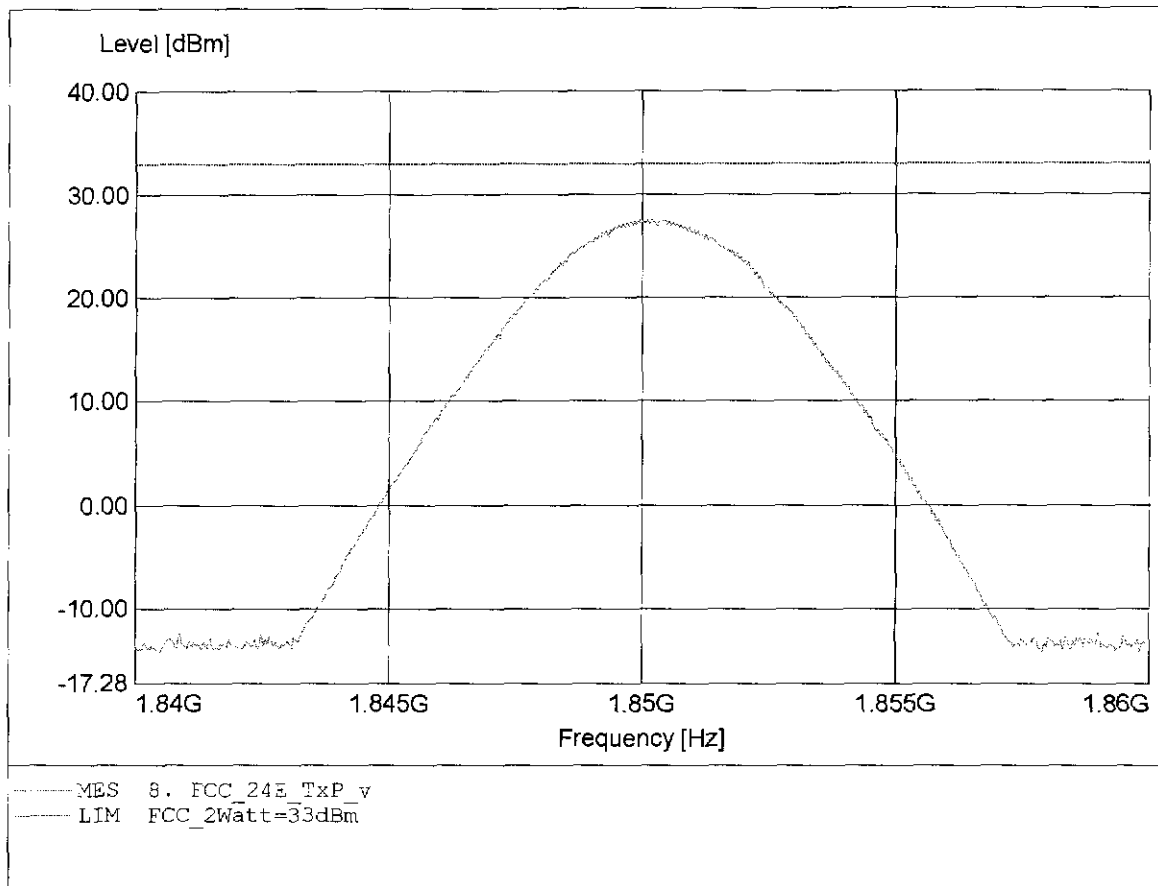
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 28.18dBm, RBW: 3MHz



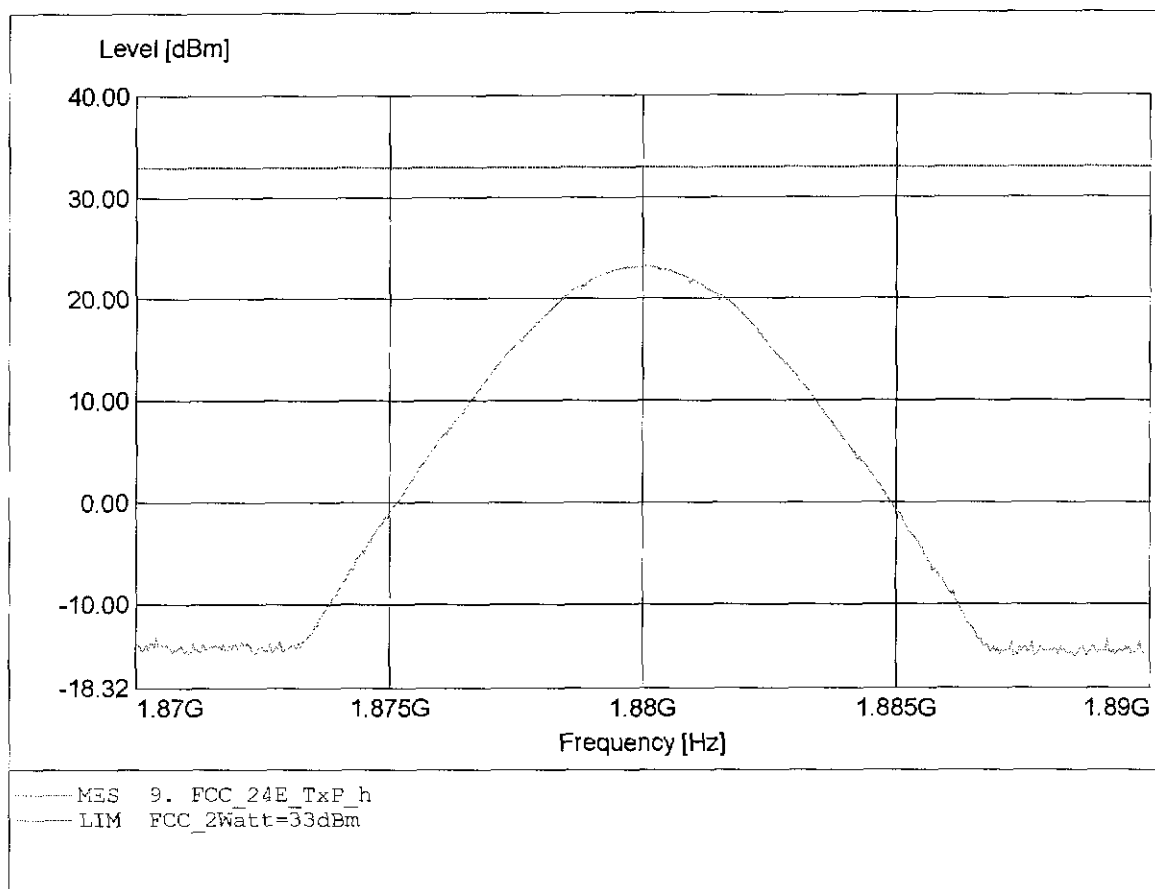
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 27.55dBm, RBW: 3MHz



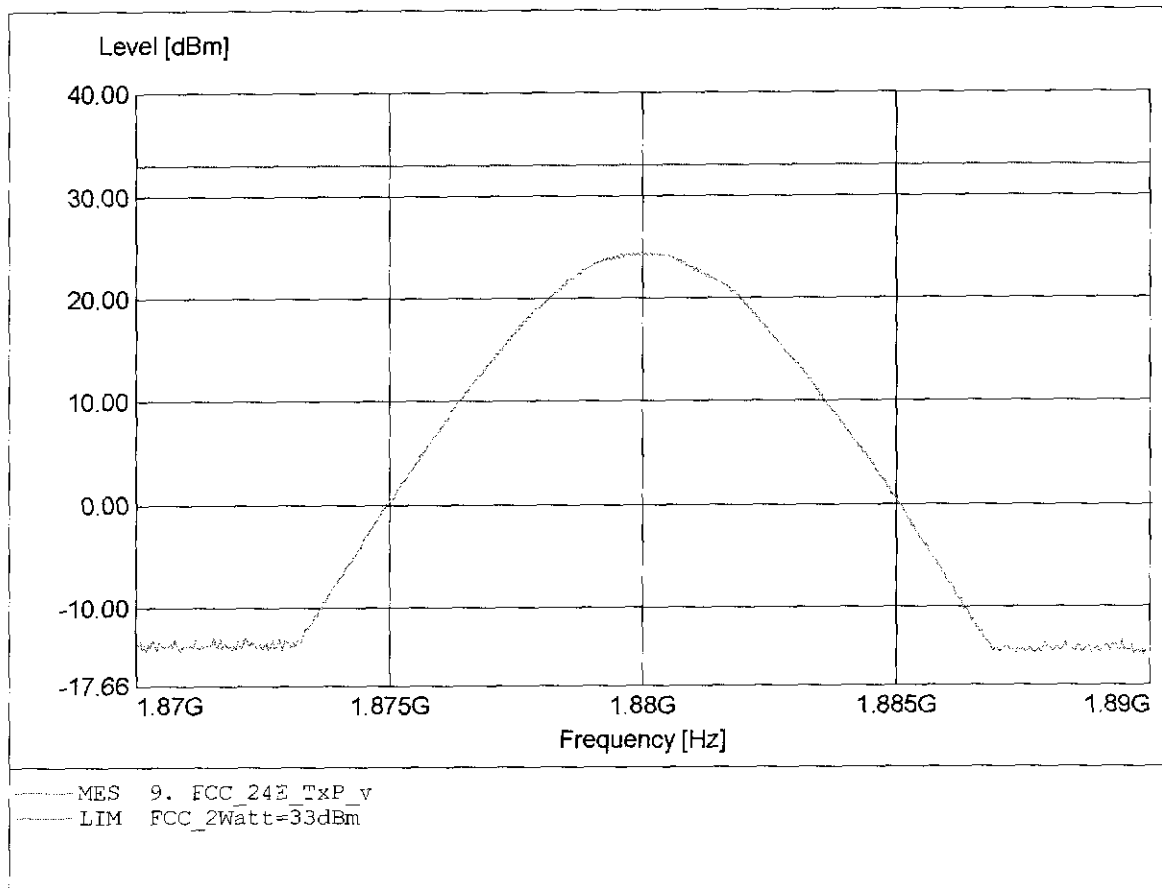
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 23.21dBm, RBW: 3MHz



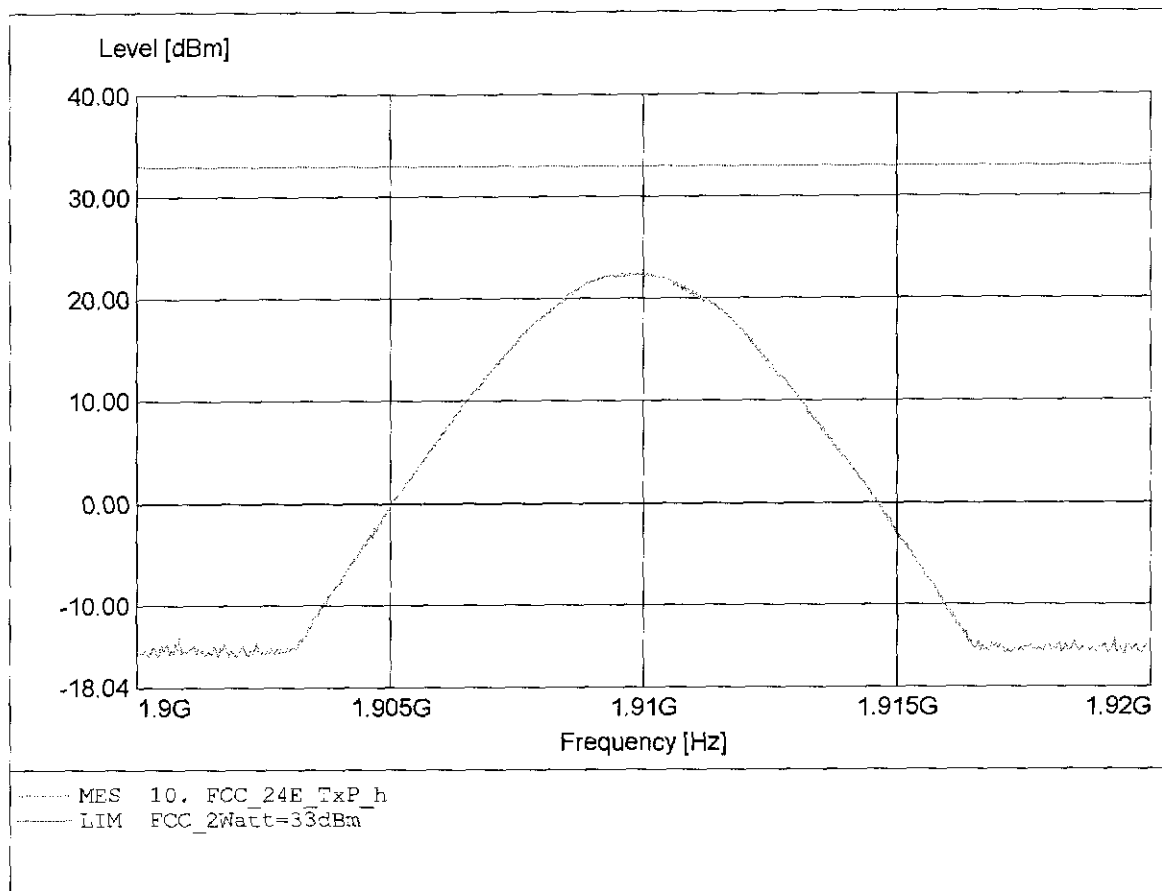
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 24.45dBm, RBW: 3MHz



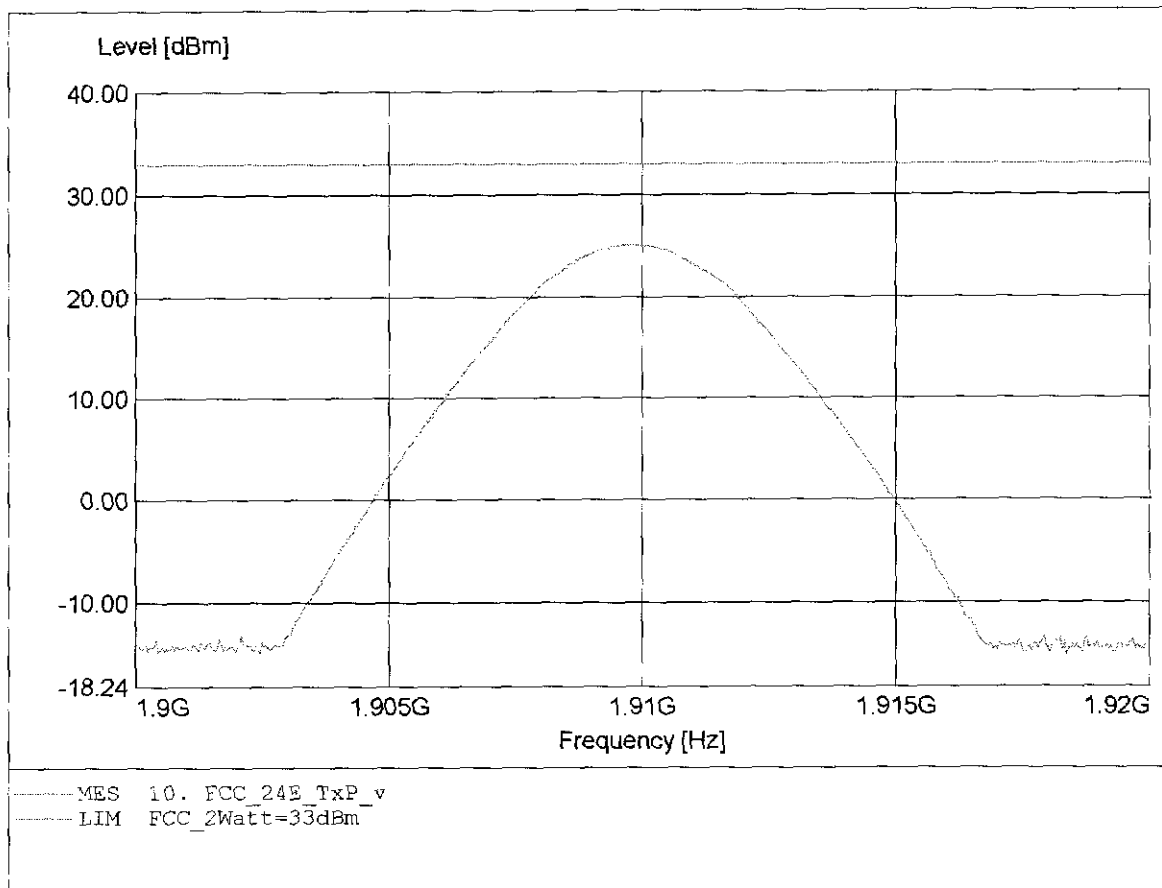
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 22.44dBm, RBW: 3MHz



Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 25.17dBm, RBW: 3MHz

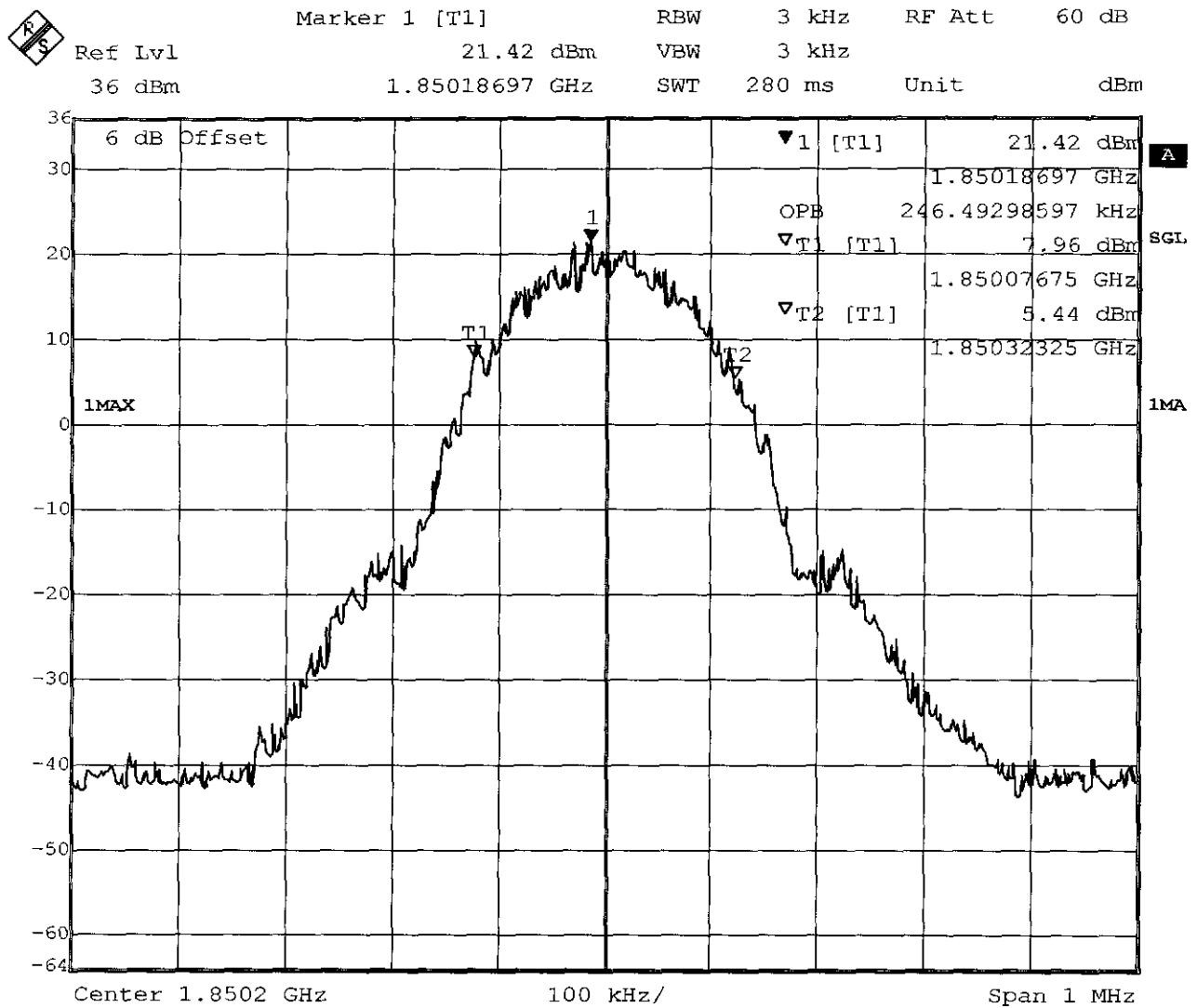


Appendix D

Occupied bandwidth, emission bandwidth

FCC Part 24 E
Occupied Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 512
Comment 2	
Comment 3	

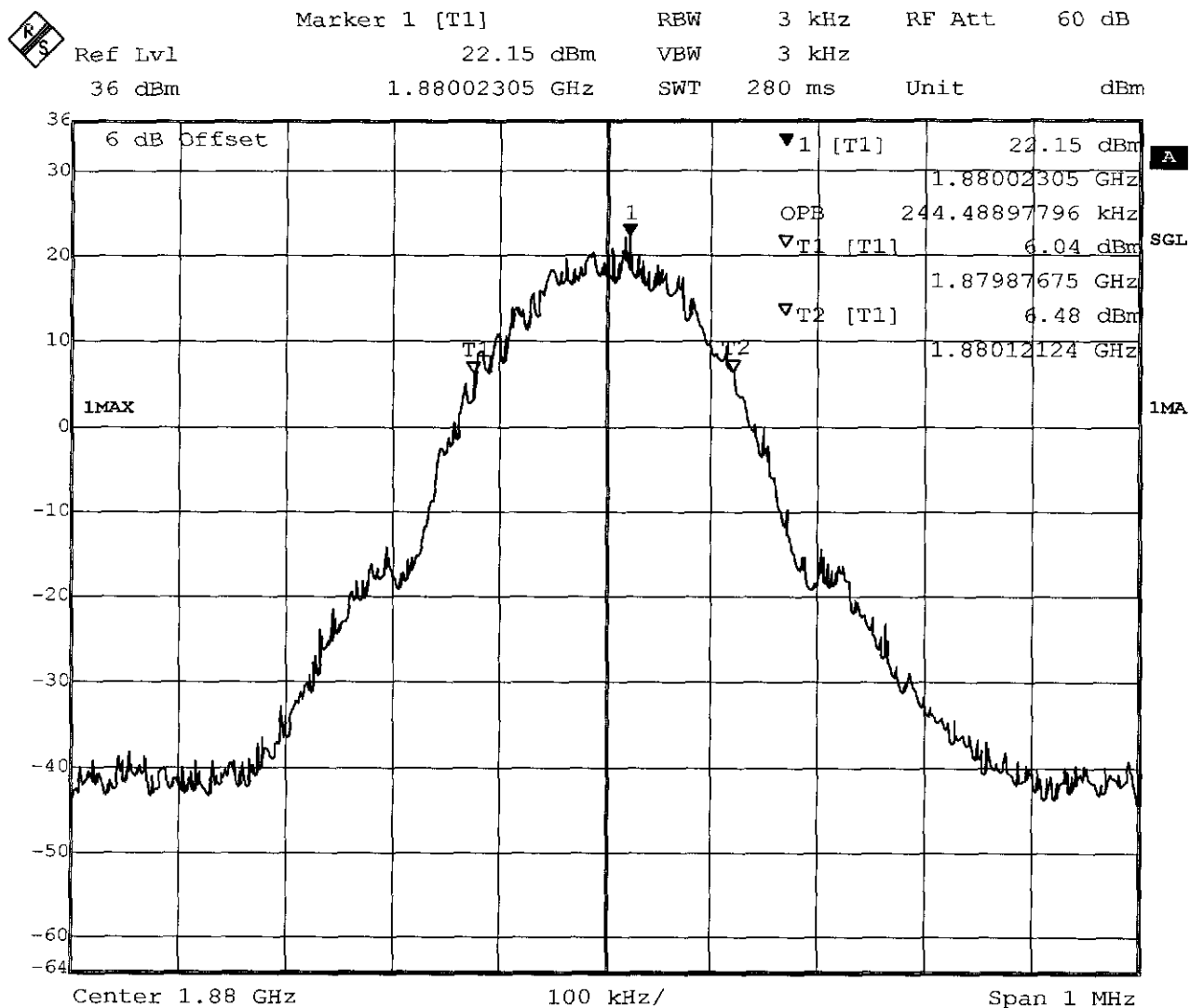


Date: 12.JAN.2007 14:42:25

Measurement diagram

FCC Part 24 E
Occupied Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 661
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:44:55

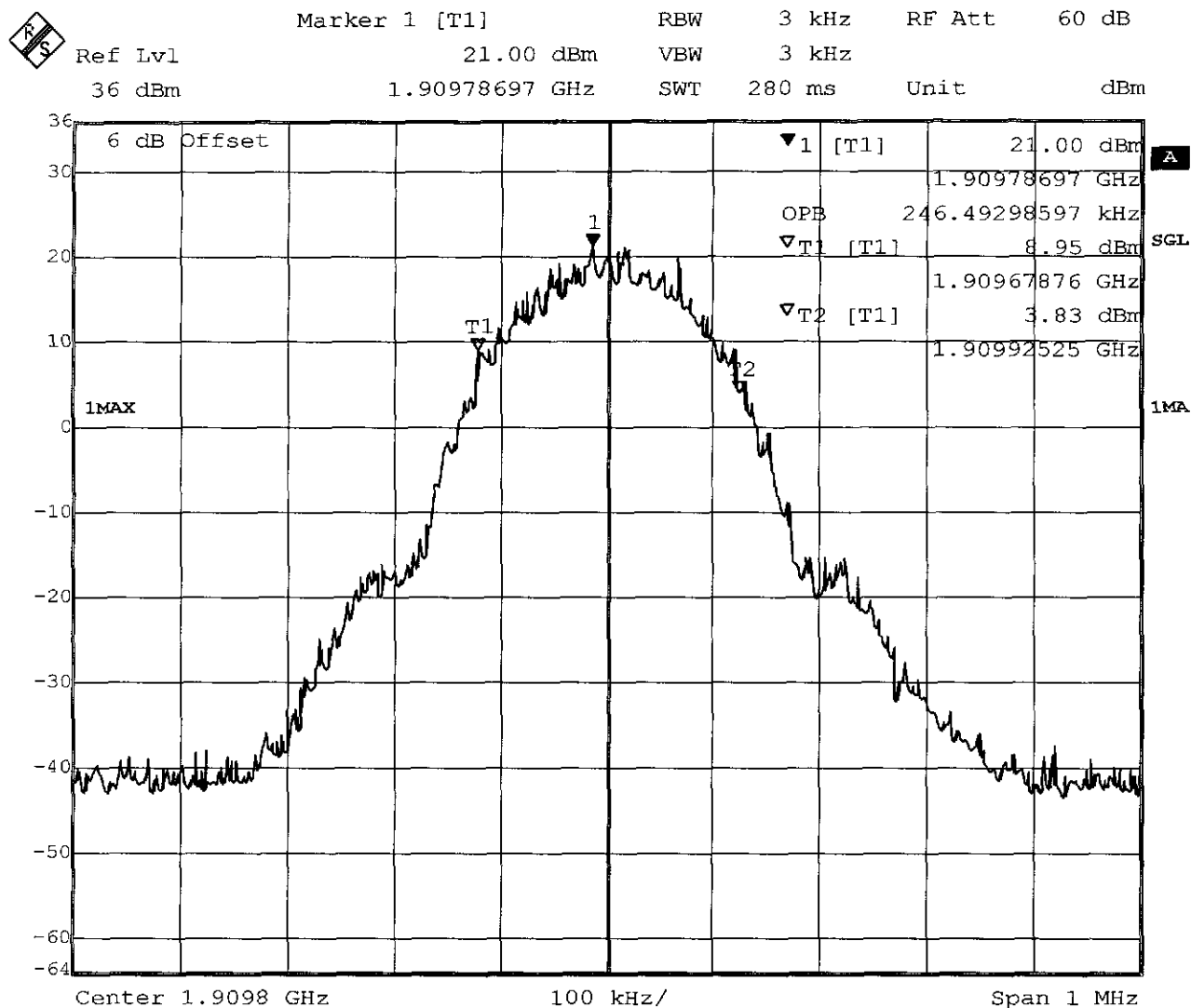
Measurement diagram

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 Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 24 E
Occupied Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 810
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:48:39

Measurement diagram

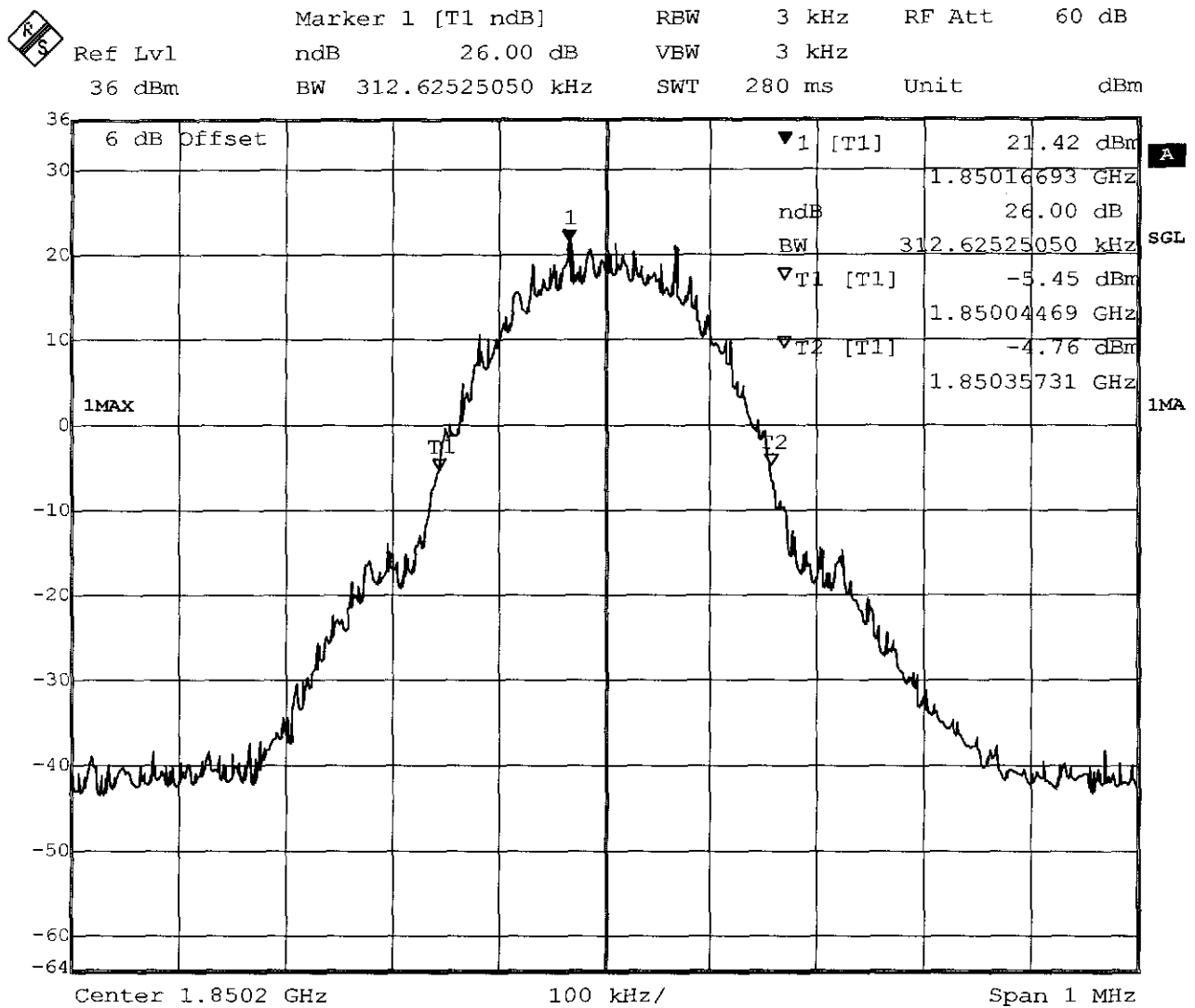
ETS Product Service AG

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FCC Part 24 E
Emission Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 512
Comment 2	-26 dB Emission Bandwidth
Comment 3	

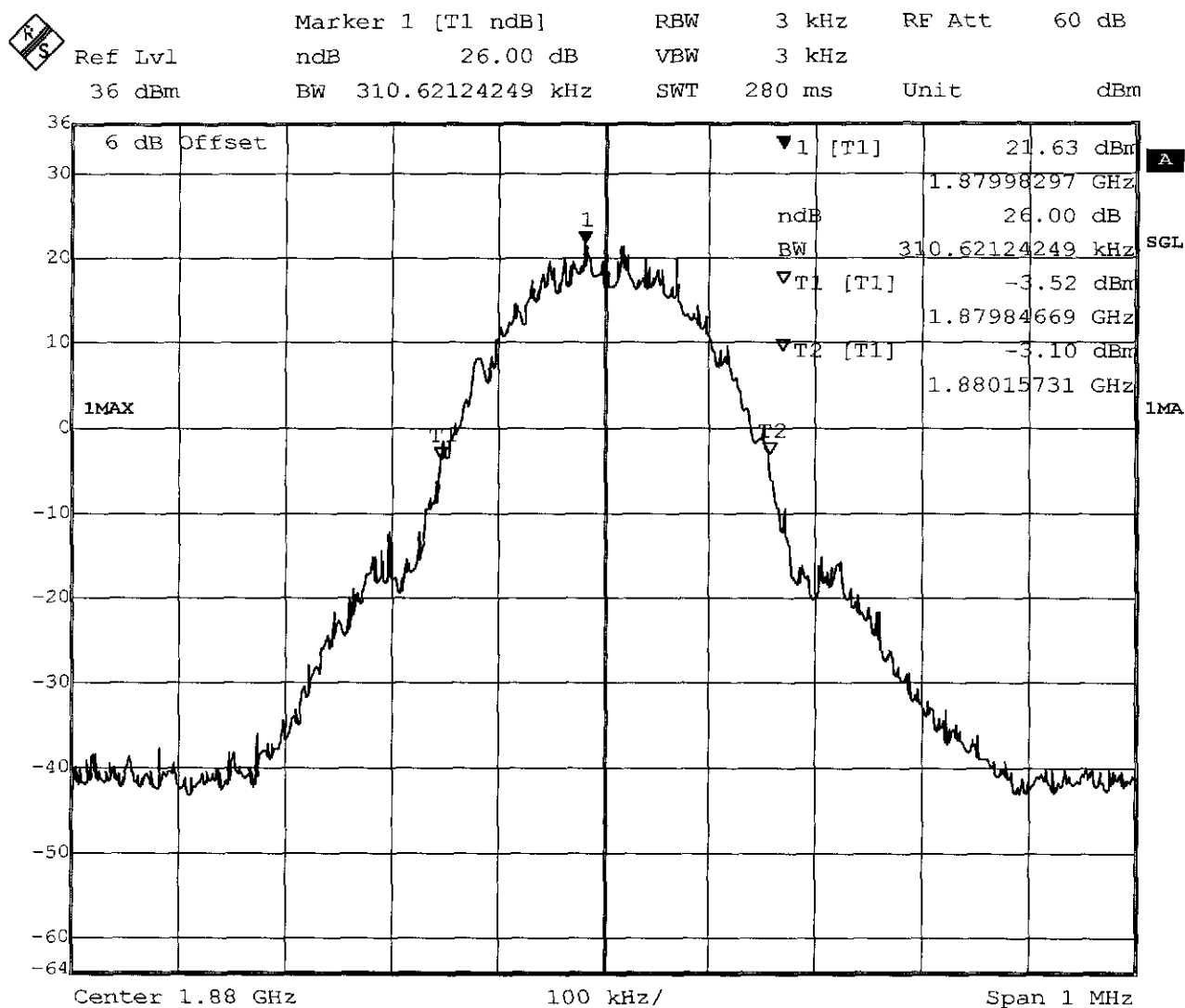


Date: 12.JAN.2007 14:40:27

Measurement diagram

FCC Part 24 E
Emission Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 661
Comment 2	-26 dB Emission Bandwidth
Comment 3	



Date: 12.JAN.2007 14:45:52

Measurement diagram

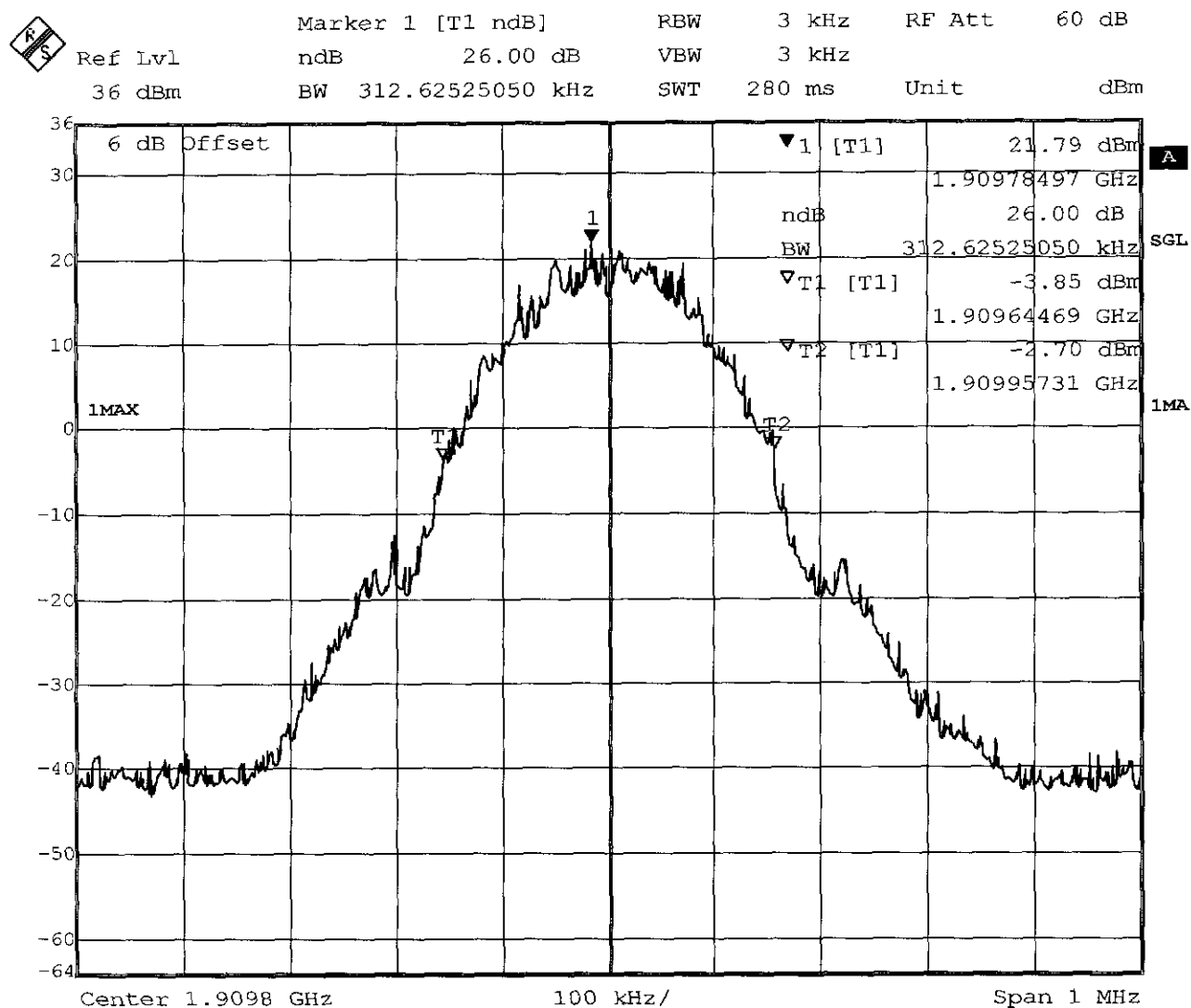
ETS Product Service AG

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FCC Part 24 E
Emission Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 810
Comment 2	-26 dB Emission Bandwidth
Comment 3	



Date: 12.JAN.2007 14:46:52

Measurement diagram

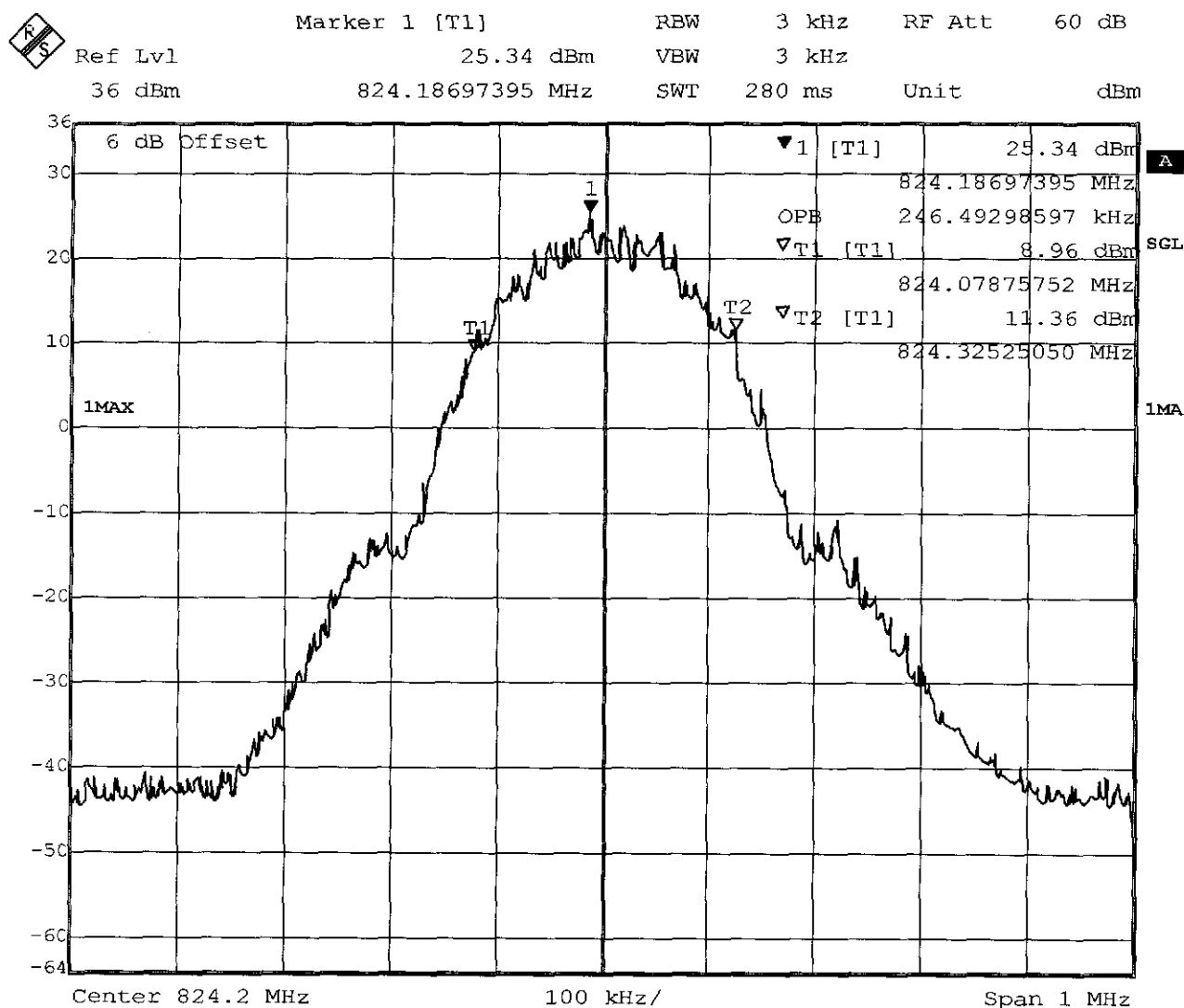
ETS Product Service AG

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FCC Part 22 H
Occupied Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:38:22

Measurement diagram

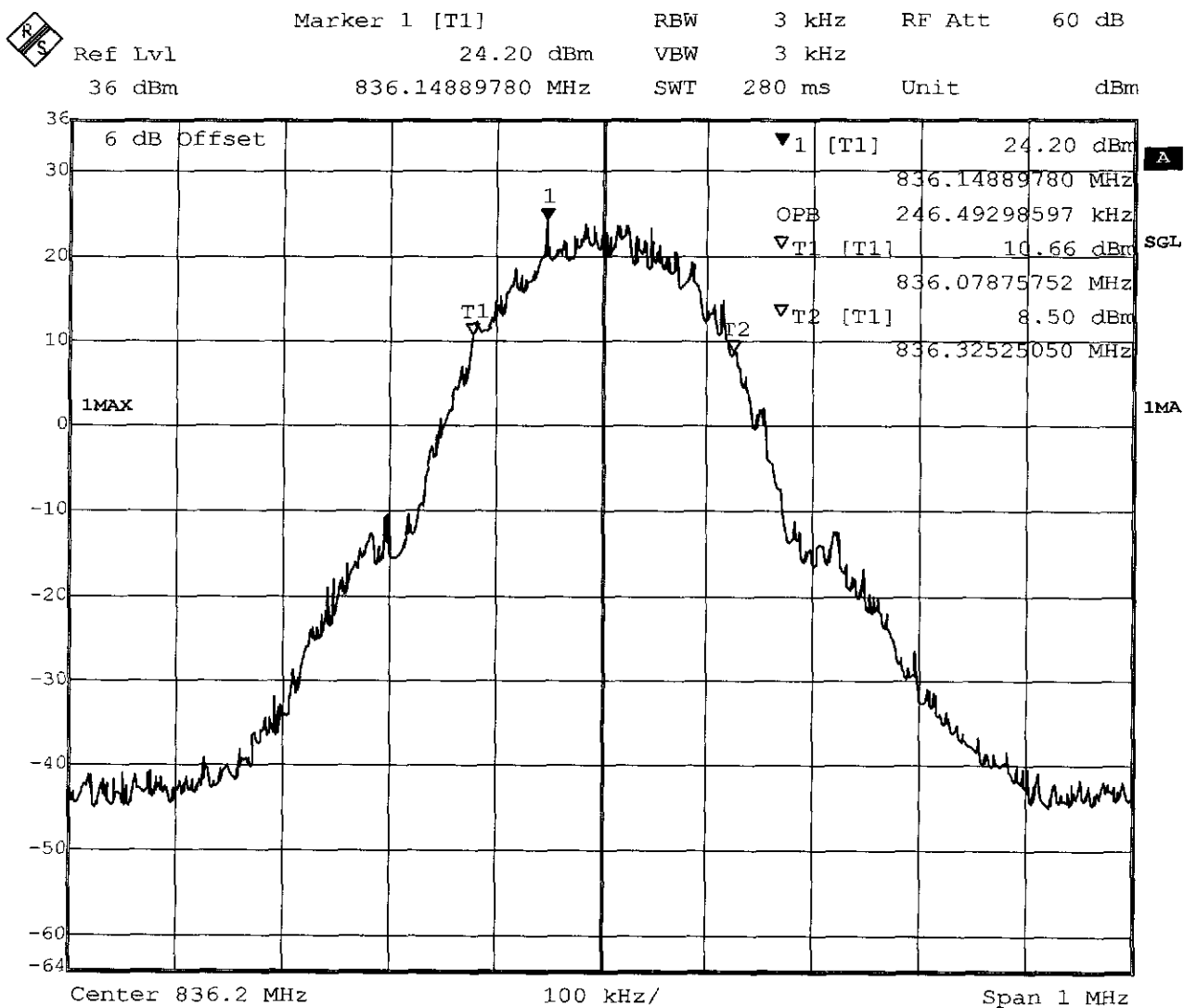
ETS Product Service AG

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FCC Part 22 H
Occupied Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 188
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:37:25

Measurement diagram

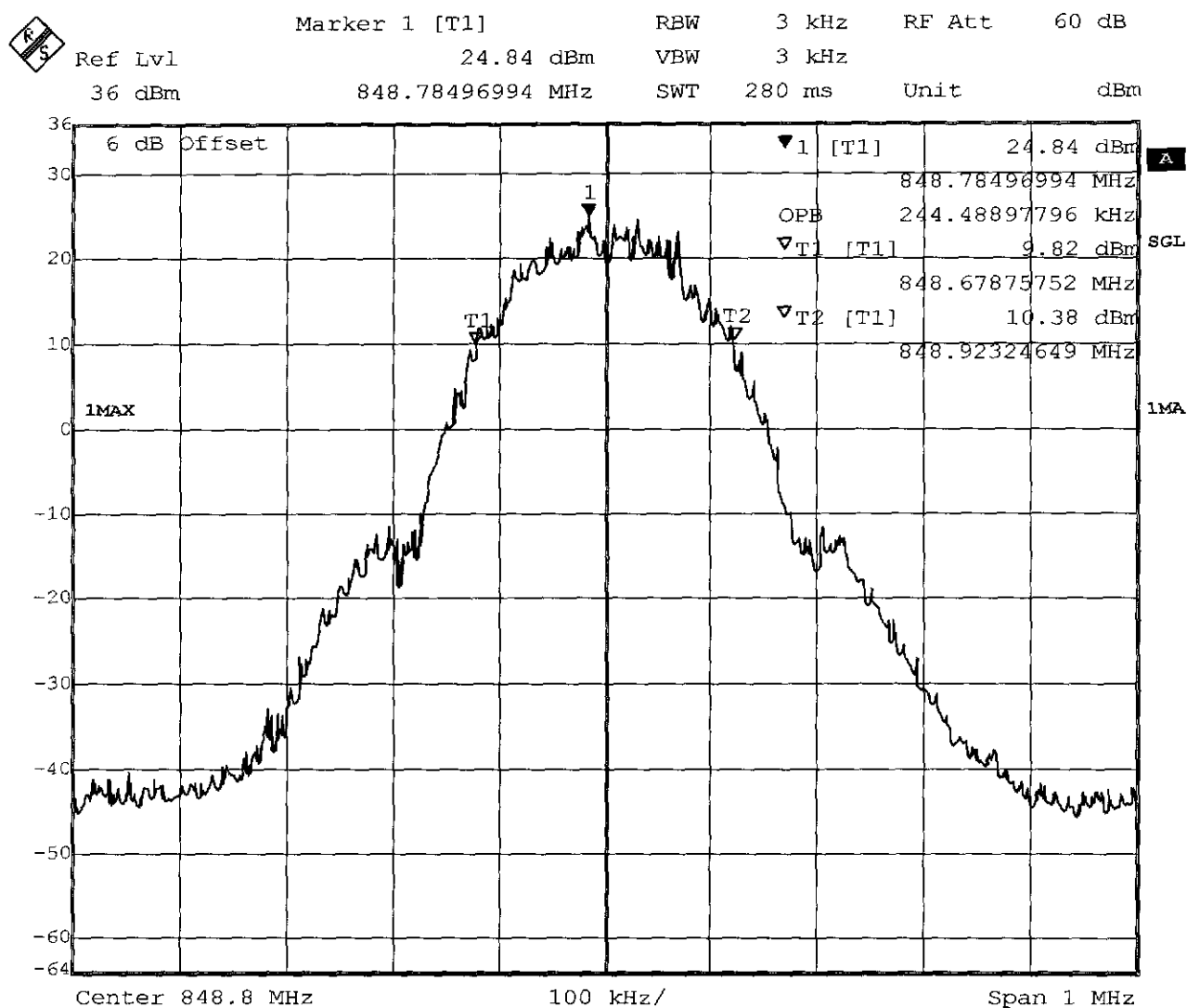
ETS Product Service AG

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FCC Part 22 H
Occupied Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:35:36

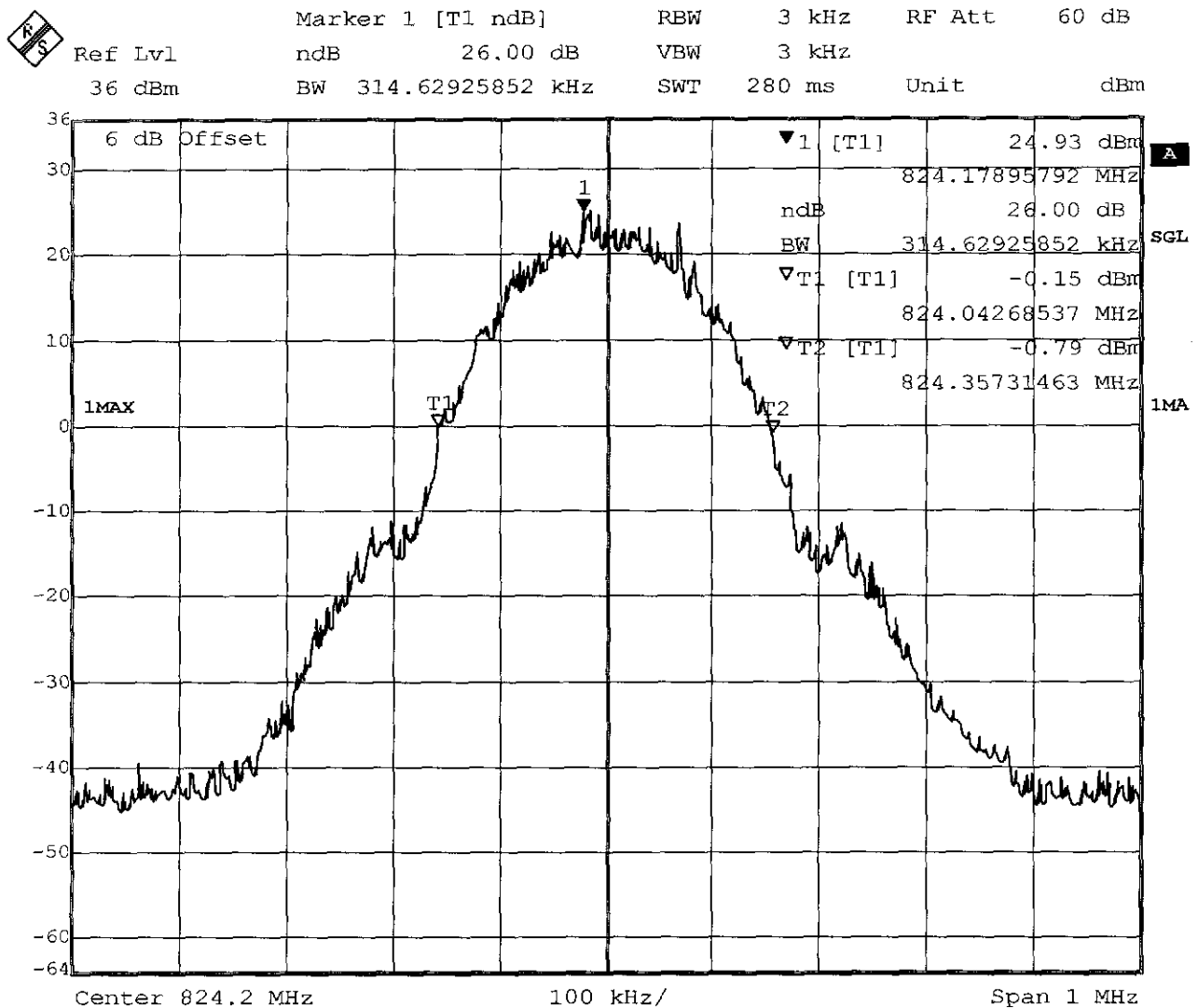
Measurement diagram

 ETS Product Service AG
 Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 22 H
Emission Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128
Comment 2	-26 dB Emission Bandwidth
Comment 3	



Date: 12.JAN.2007 14:30:39

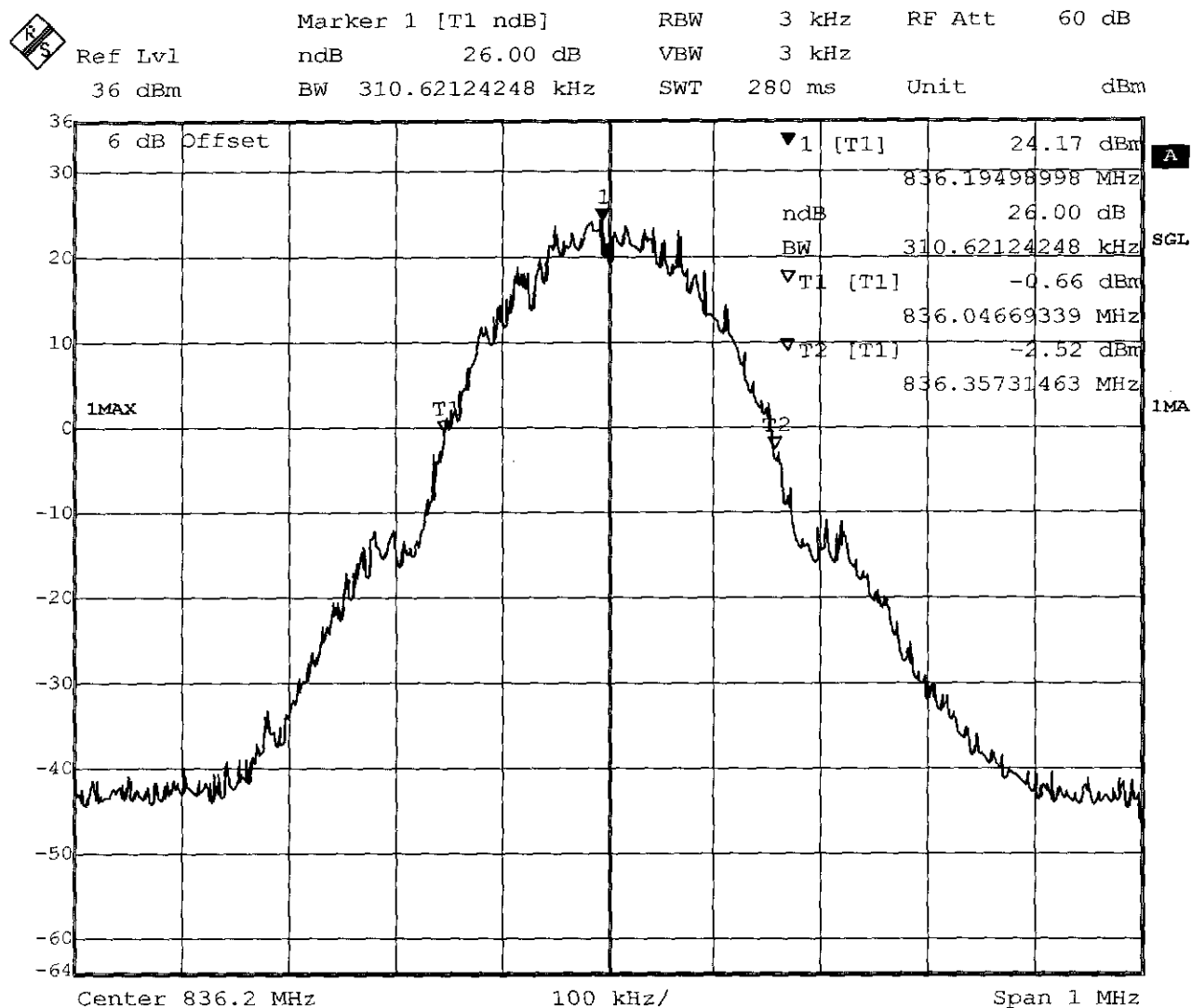
Measurement diagram

 ETS Product Service AG
 Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 22 H
Emission Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 188
Comment 2	-26 dB Emission Bandwidth
Comment 3	



Date: 12.JAN.2007 14:29:27

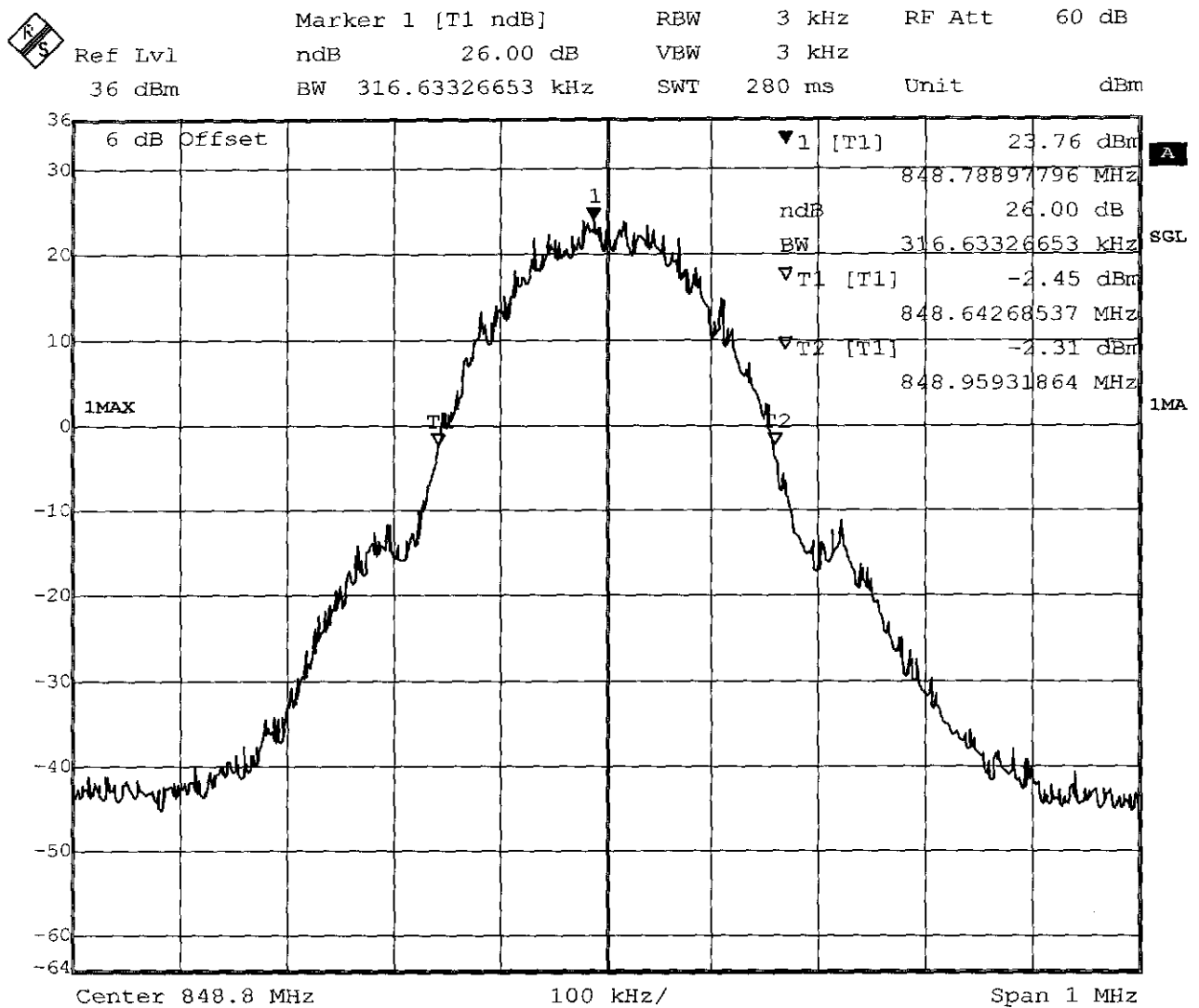
Measurement diagram

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FCC Part 22 H
Emission Bandwidth

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251
Comment 2	-26 dB Emission Bandwidth
Comment 3	



Date: 12.JAN.2007 14:27:27

Measurement diagram

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Appendix E

Frequency stability

Appendix F

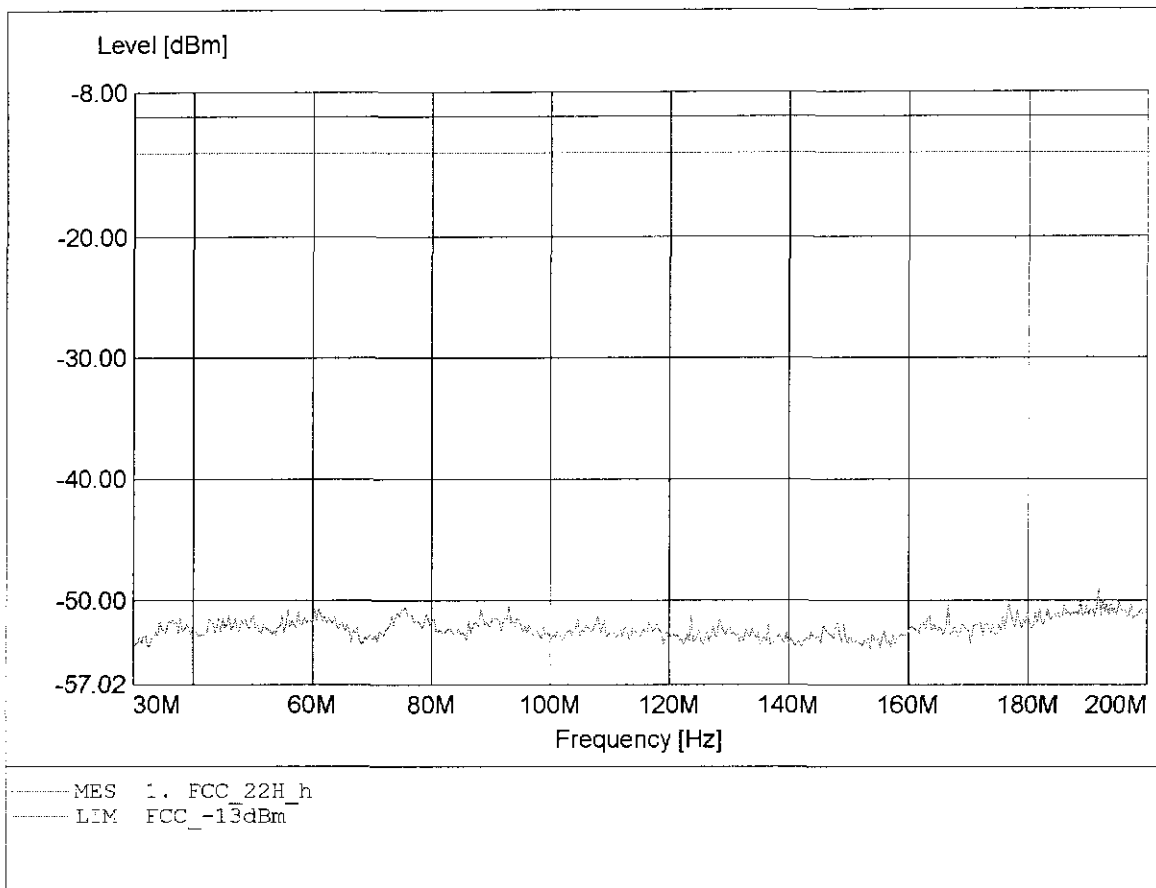
Spurious emission conducted (antenna terminal)

Appendix G

Spurious emission radiated

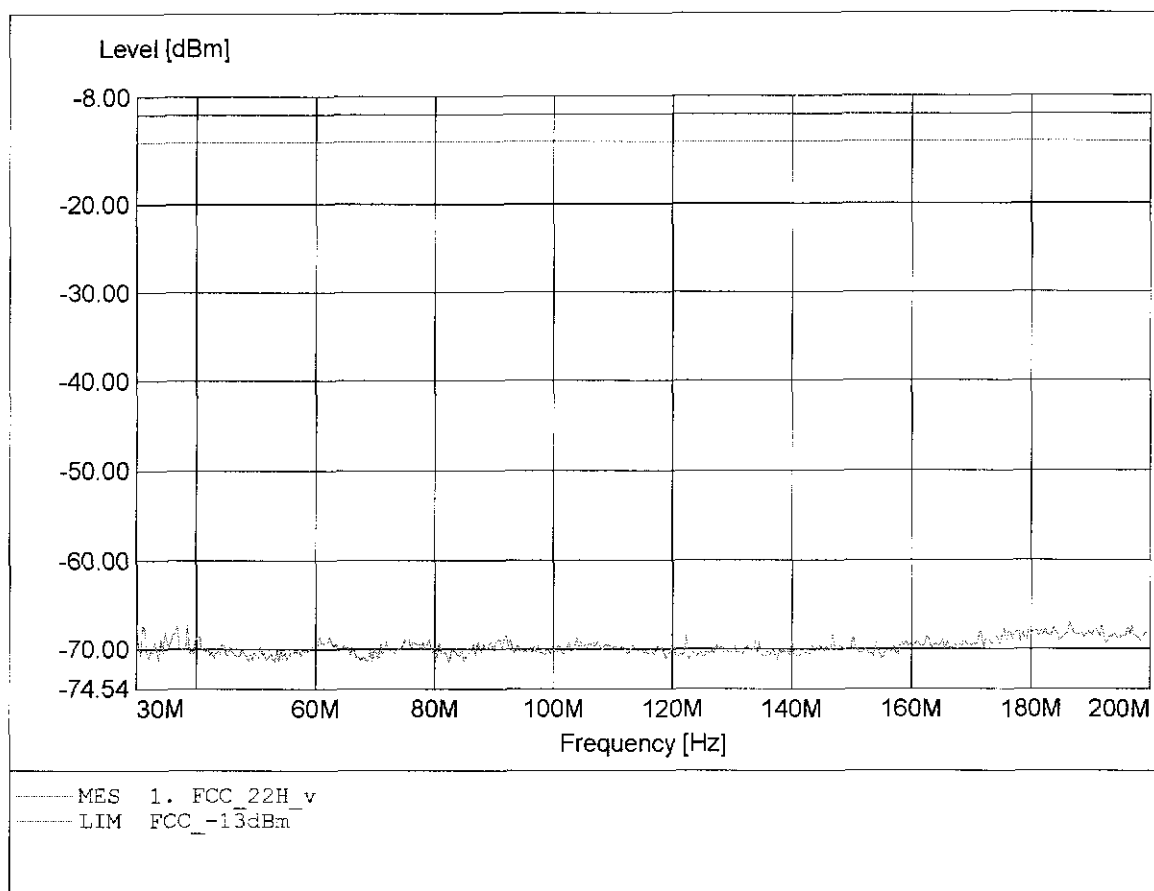
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 191.824MHz, Pmax: -49.00dBm, RBW: 100kHz



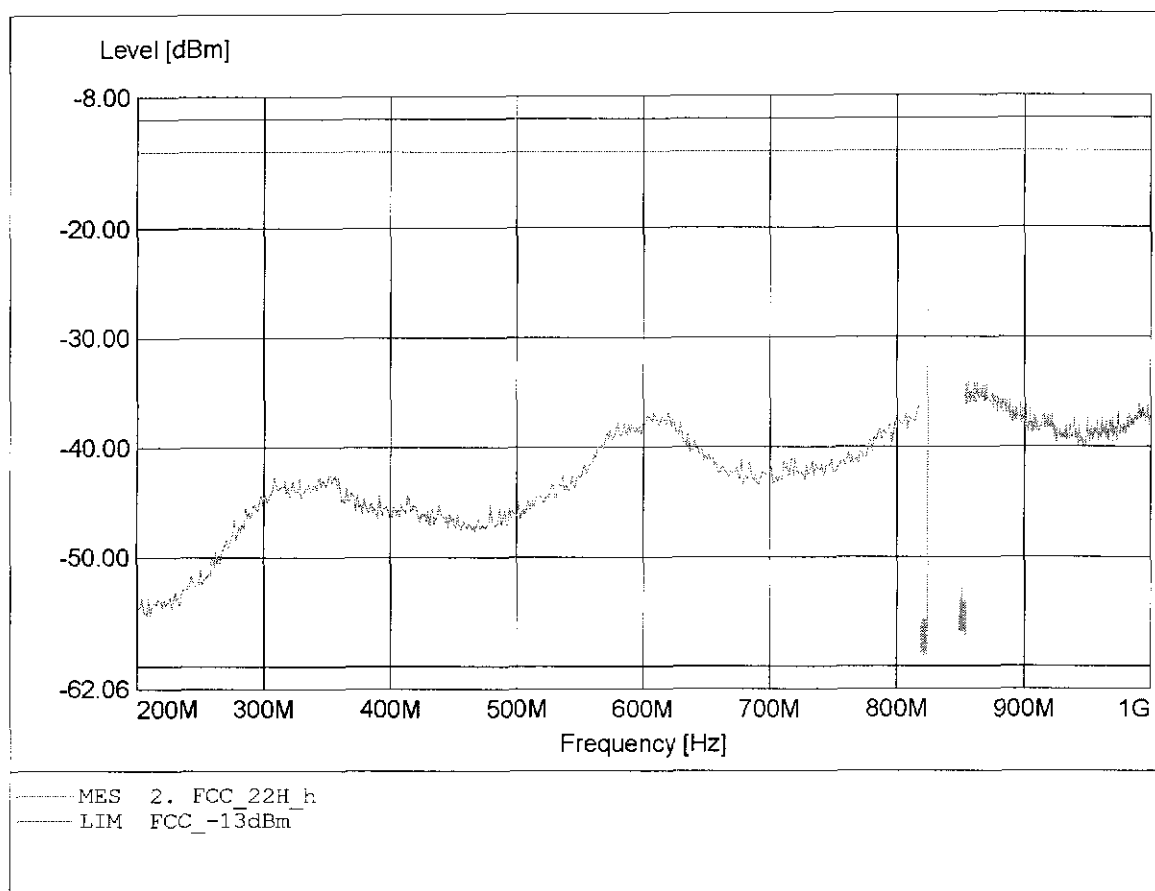
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 186.373MHz, Pmax: -66.96dBm, RBW: 100kHz



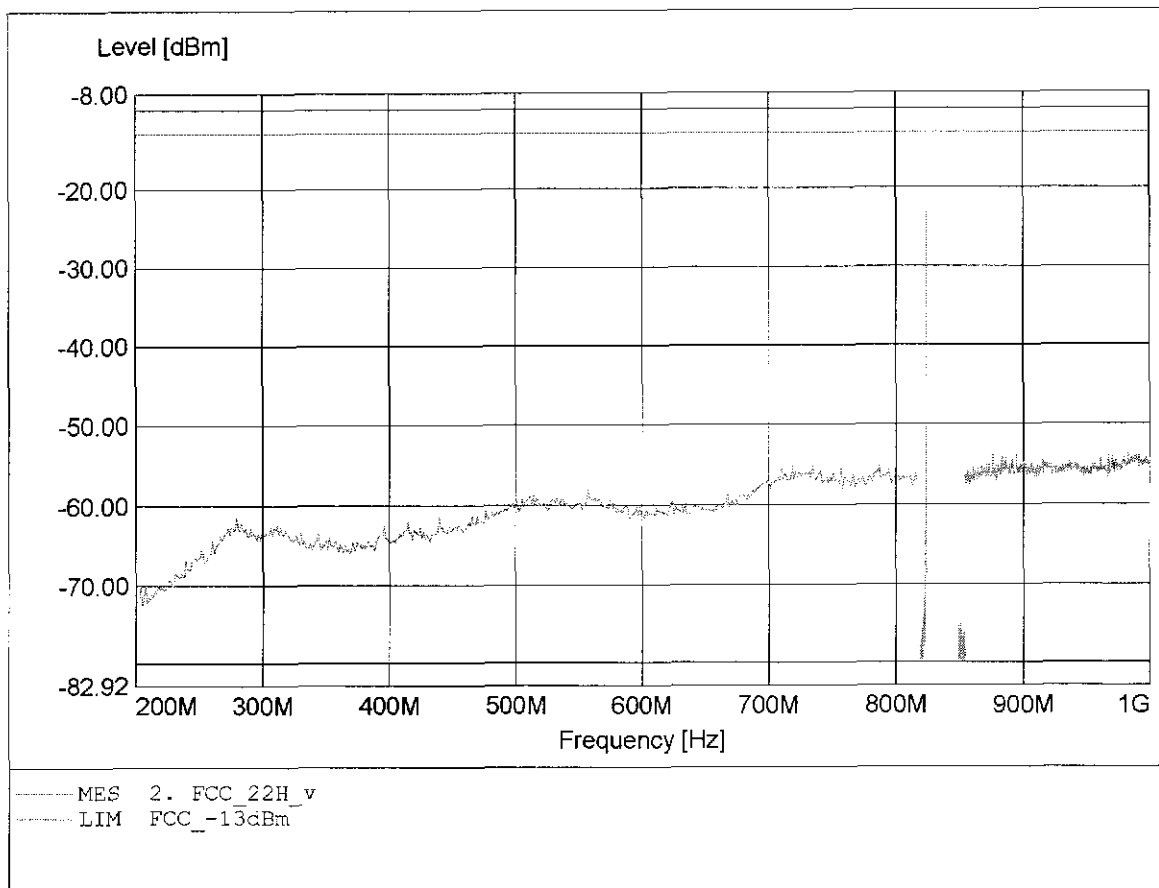
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.980MHz, Pmax: -27.27dBm, RBW: 100kHz



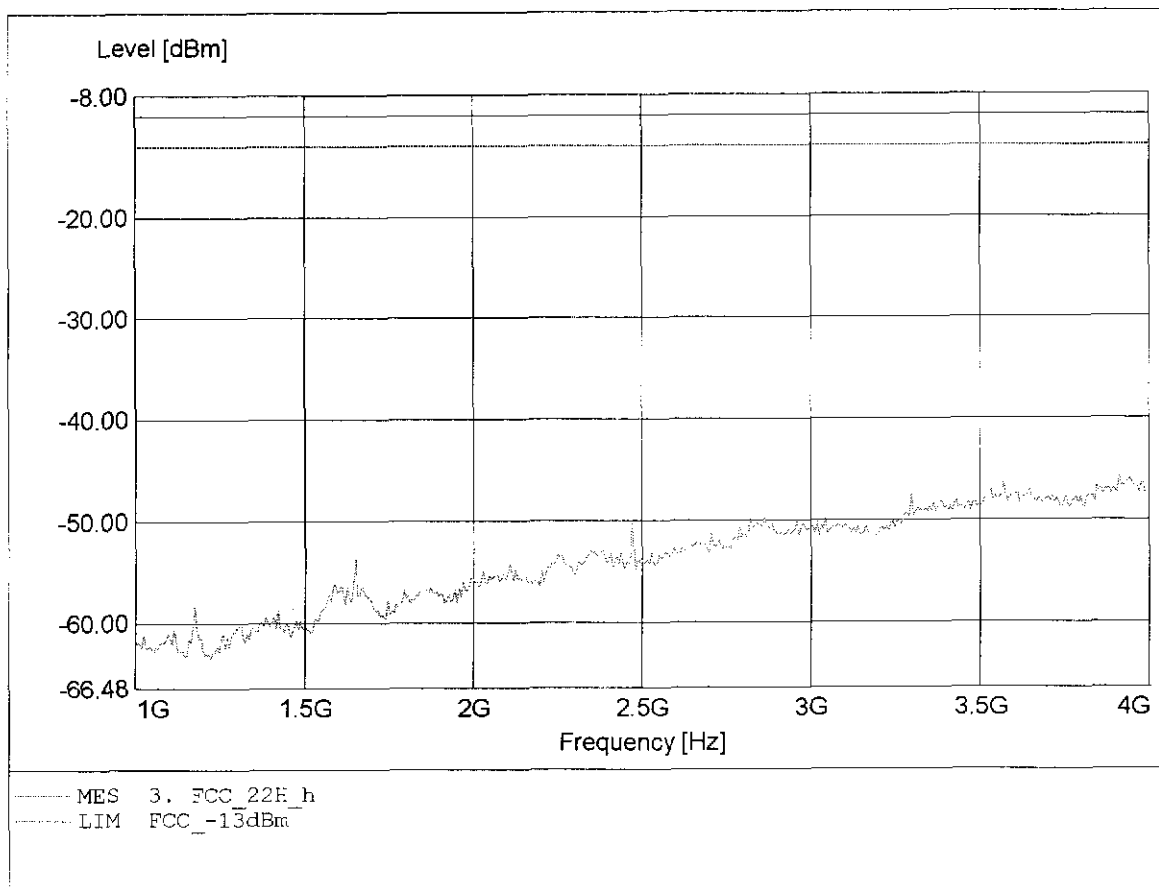
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.980MHz, Pmax: -23.37dBm, RBW: 100kHz



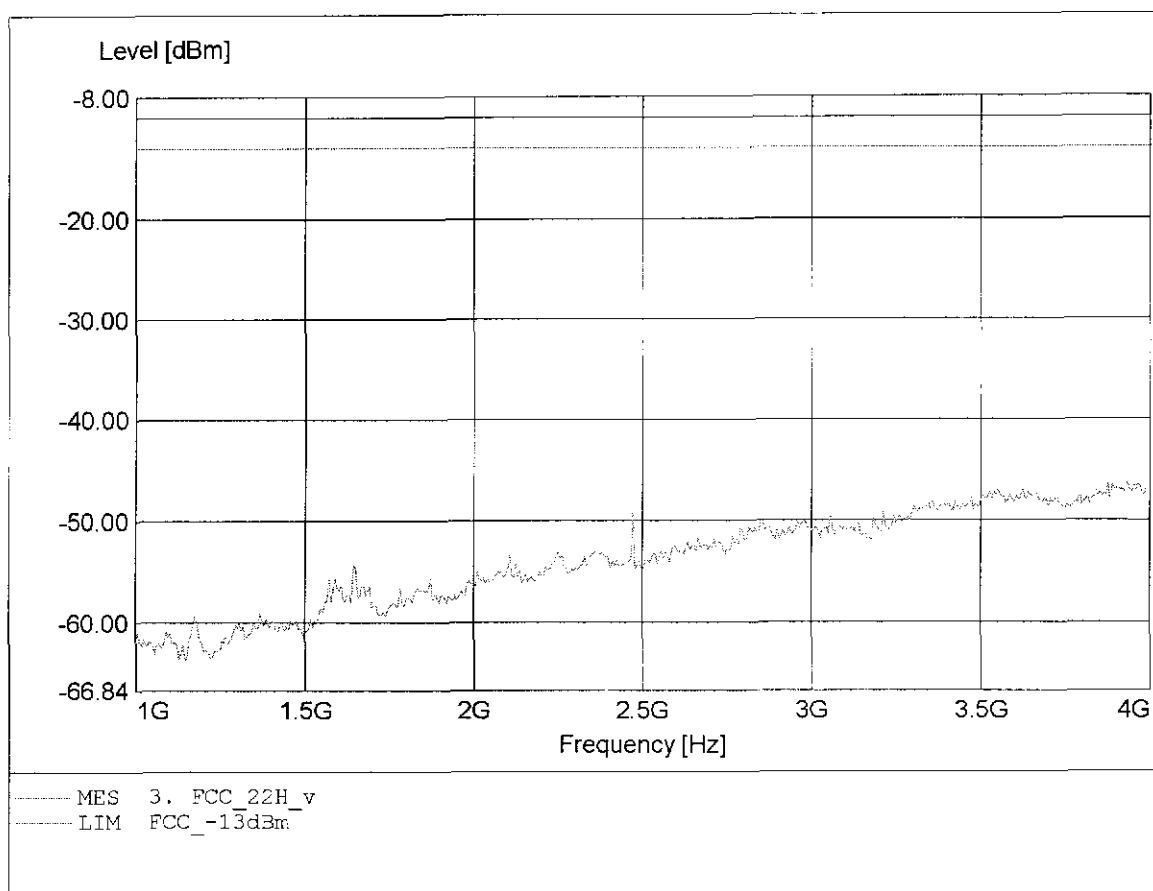
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.910GHz, Pmax: -45.64dBm, RBW: 1MHz



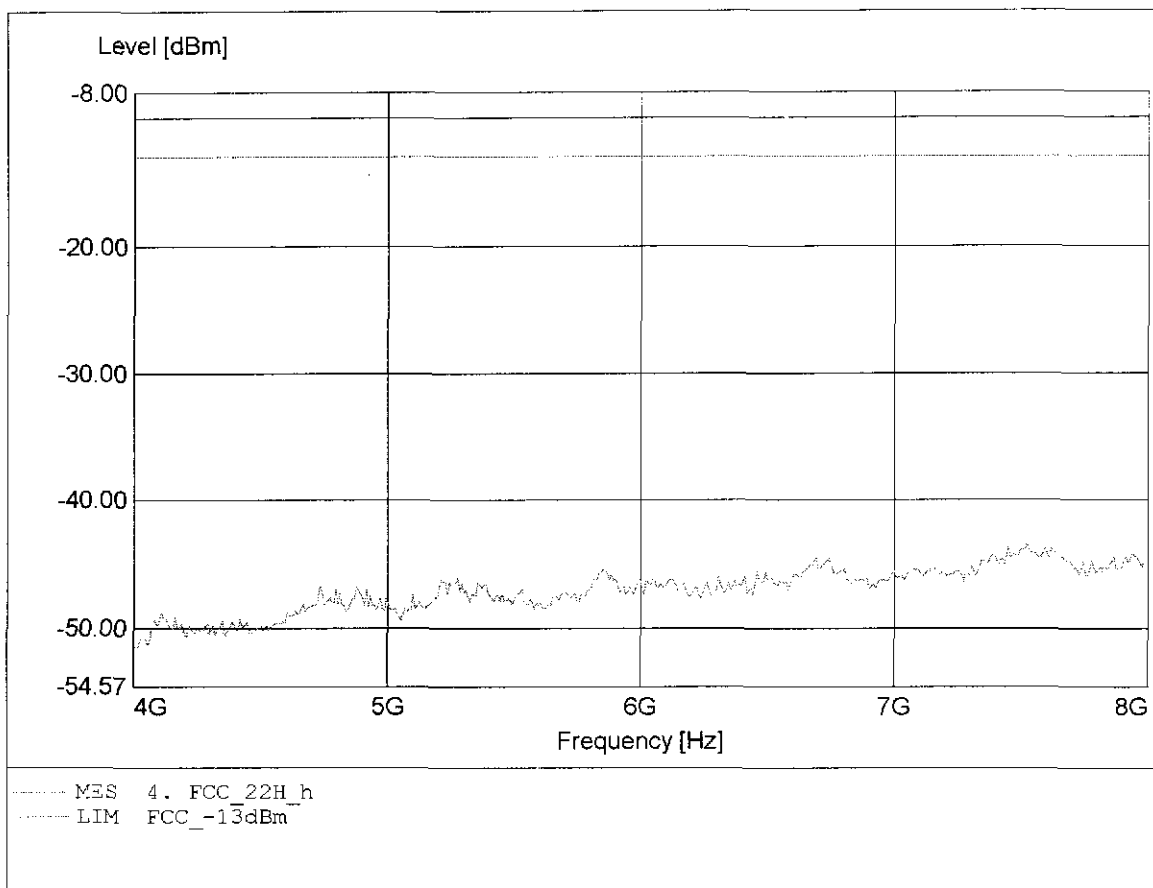
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.934GHz, Pmax: -46.30dBm, RBW: 1MHz



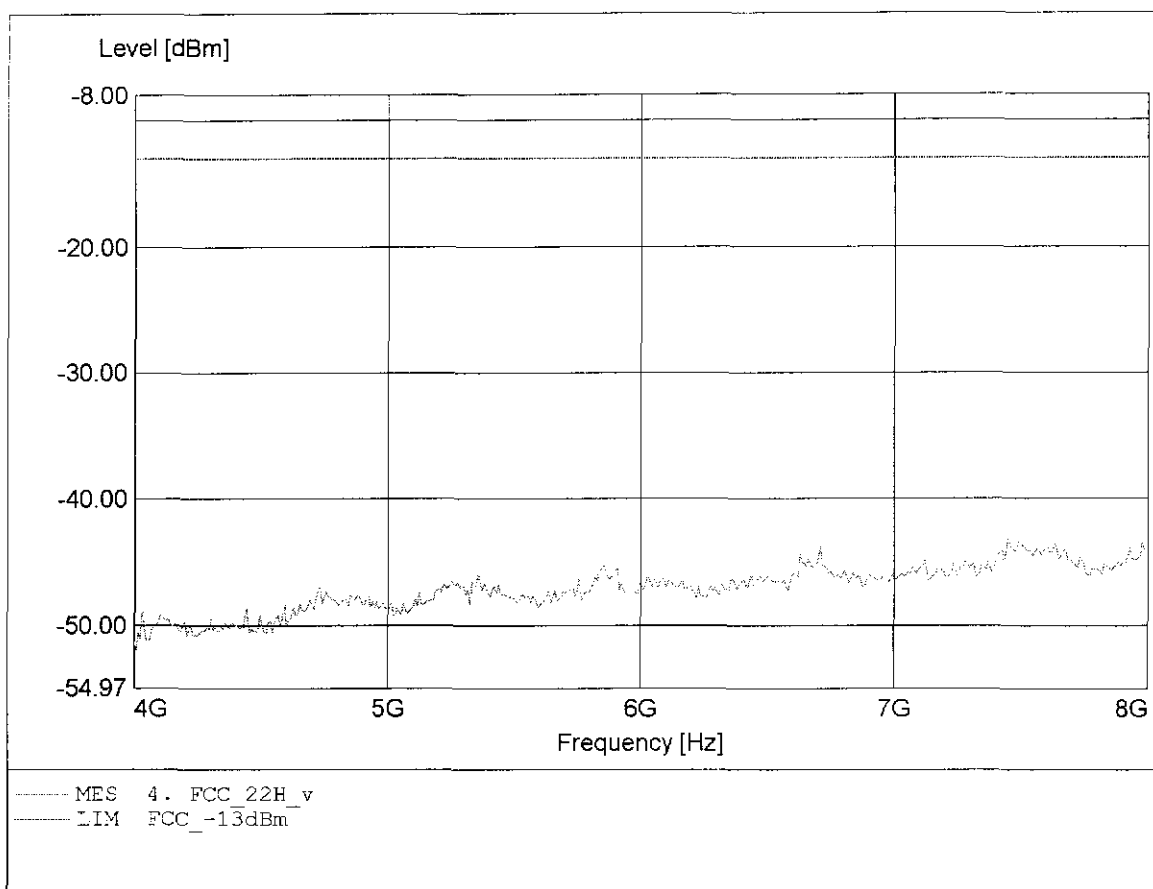
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.519GHz, Pmax: -43.53dBm, RBW: 1MHz



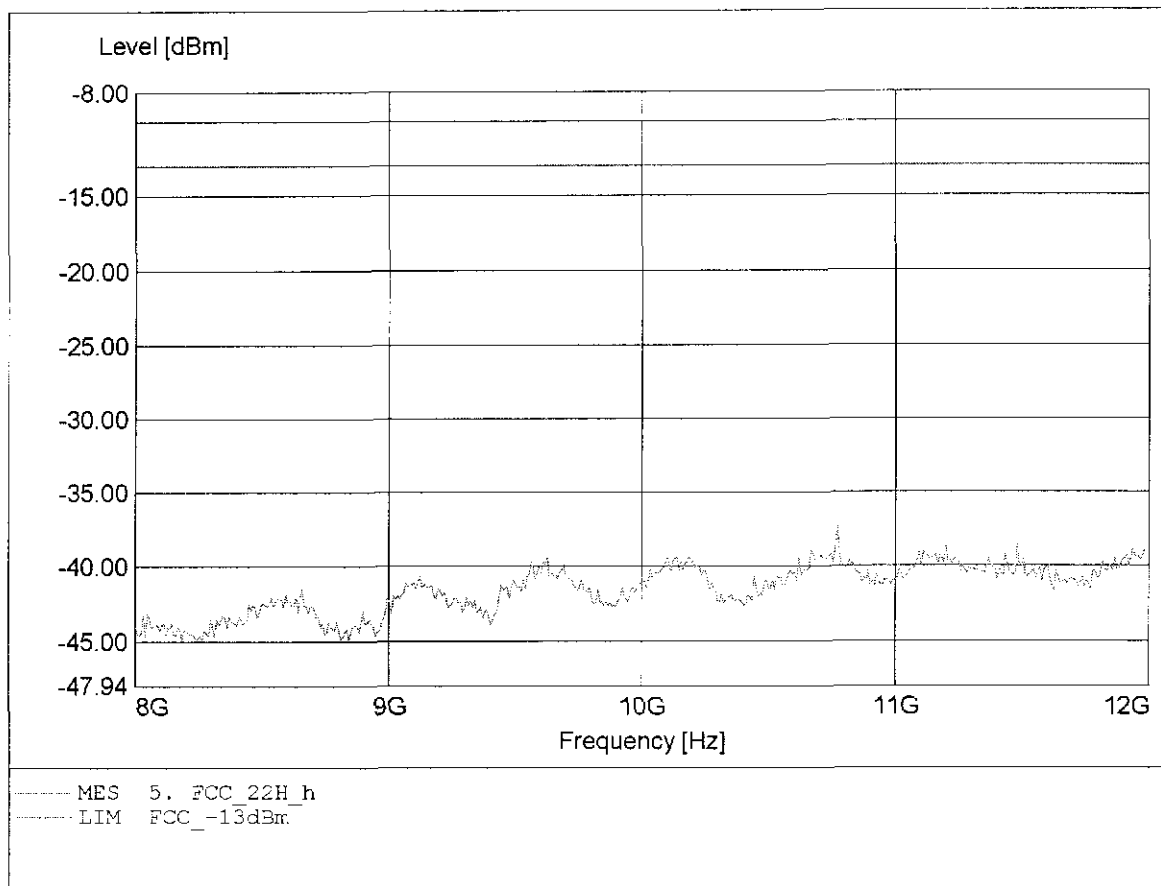
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
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Comment 2: Freq: 7.447GHz, Pmax: -43.19dBm, RBW: 1MHz



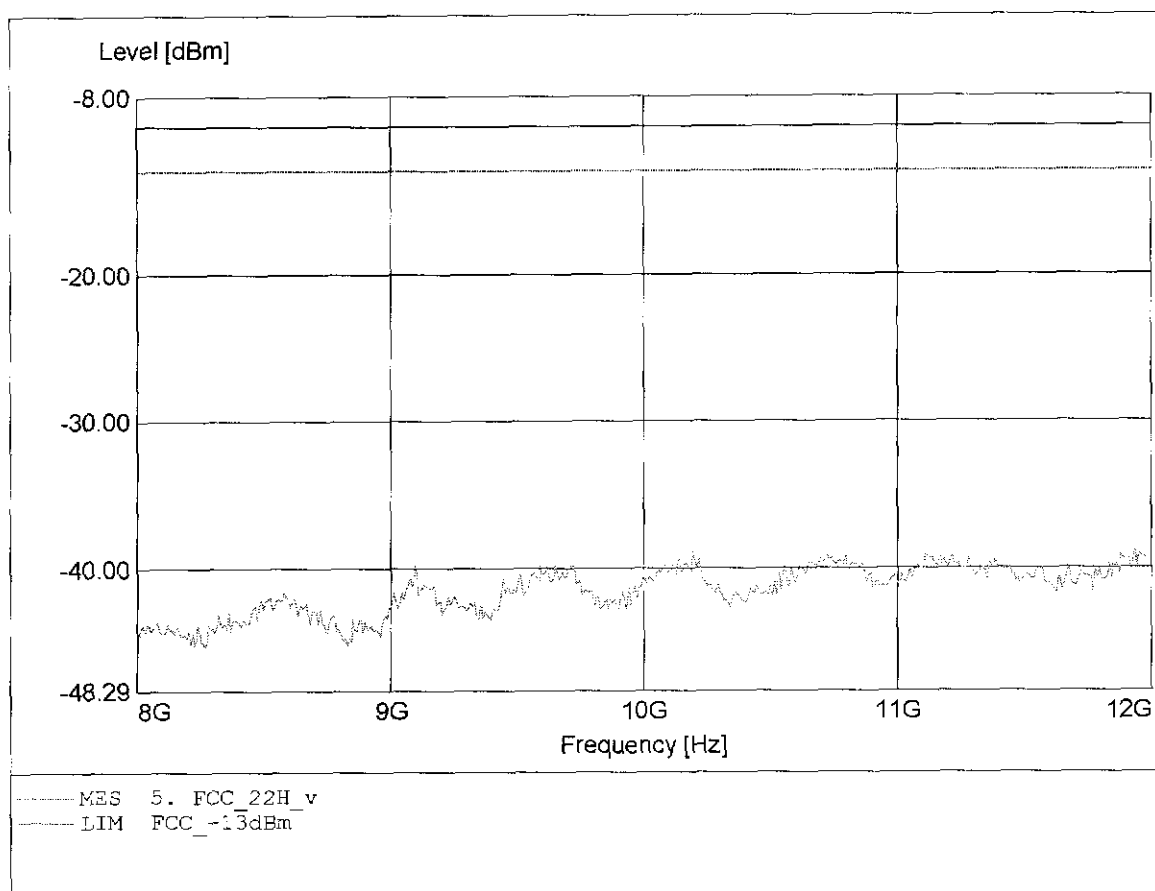
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.774GHz, Pmax: -37.34dBm, RBW: 1MHz



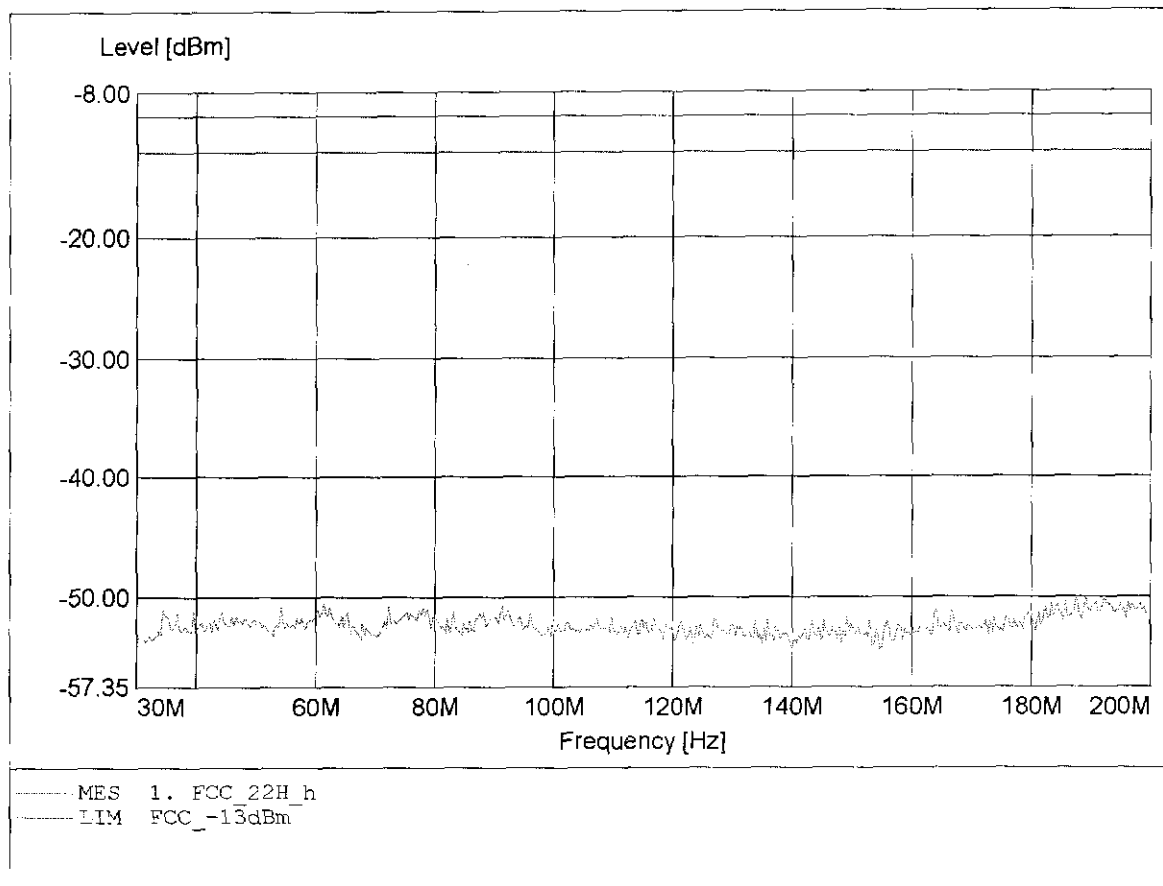
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.936GHz, Pmax: -38.68dBm, RBW: 1MHz



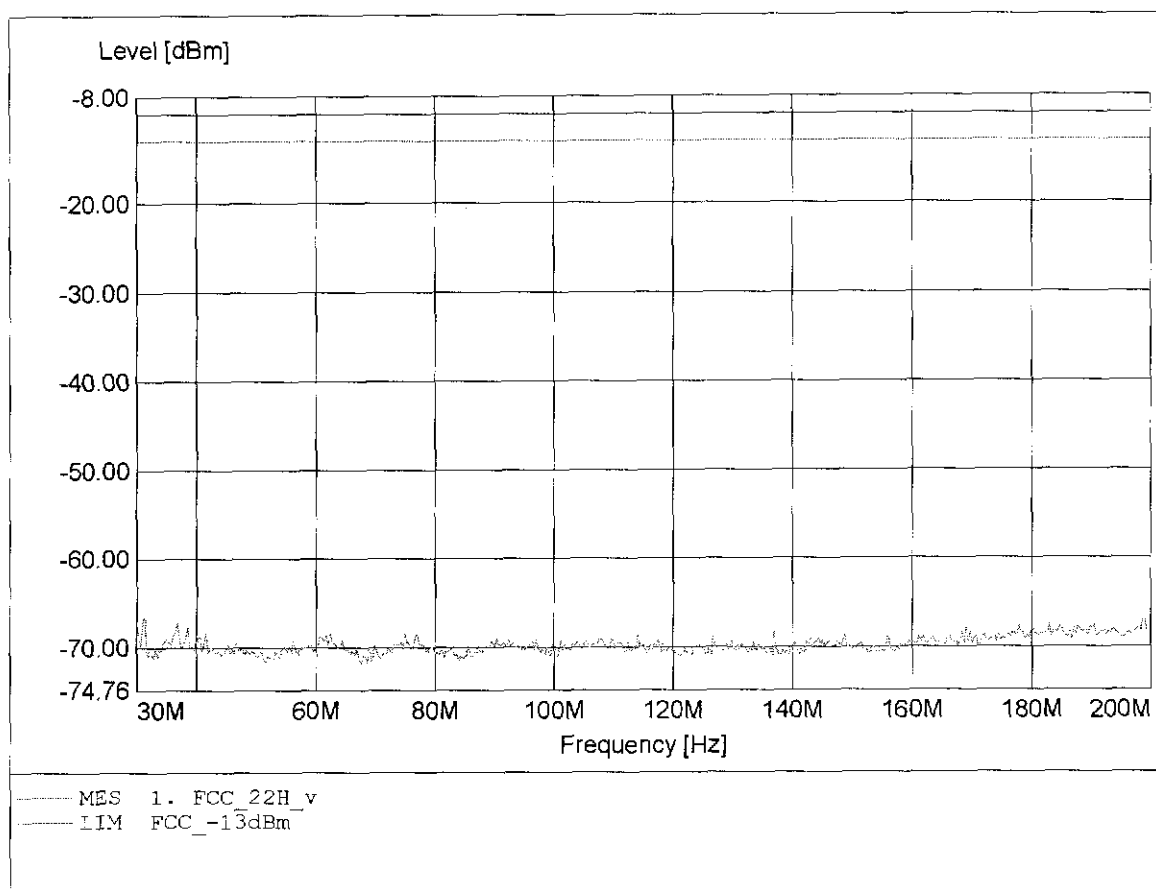
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Pmax: -50.02dBm, RBW: 100kHz



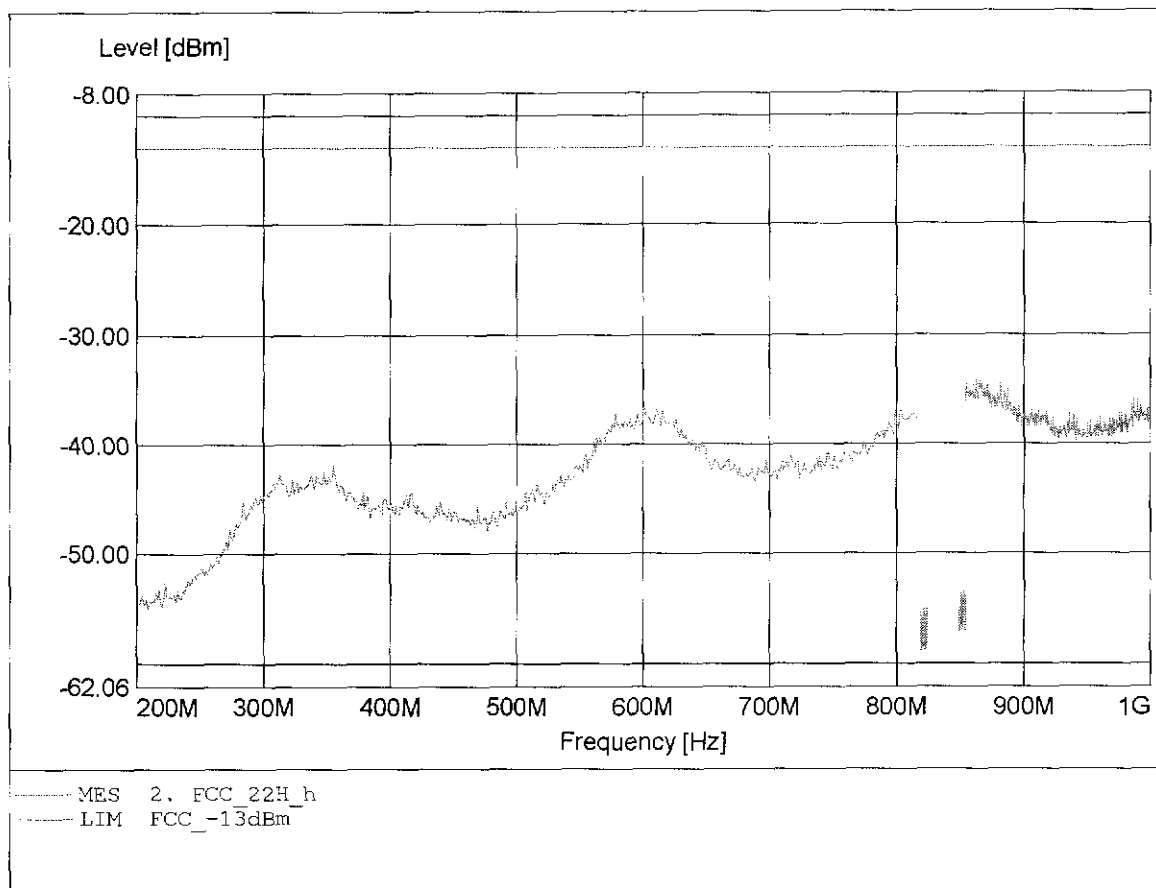
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.363MHz, Pmax: -66.61dBm, RBW: 100kHz



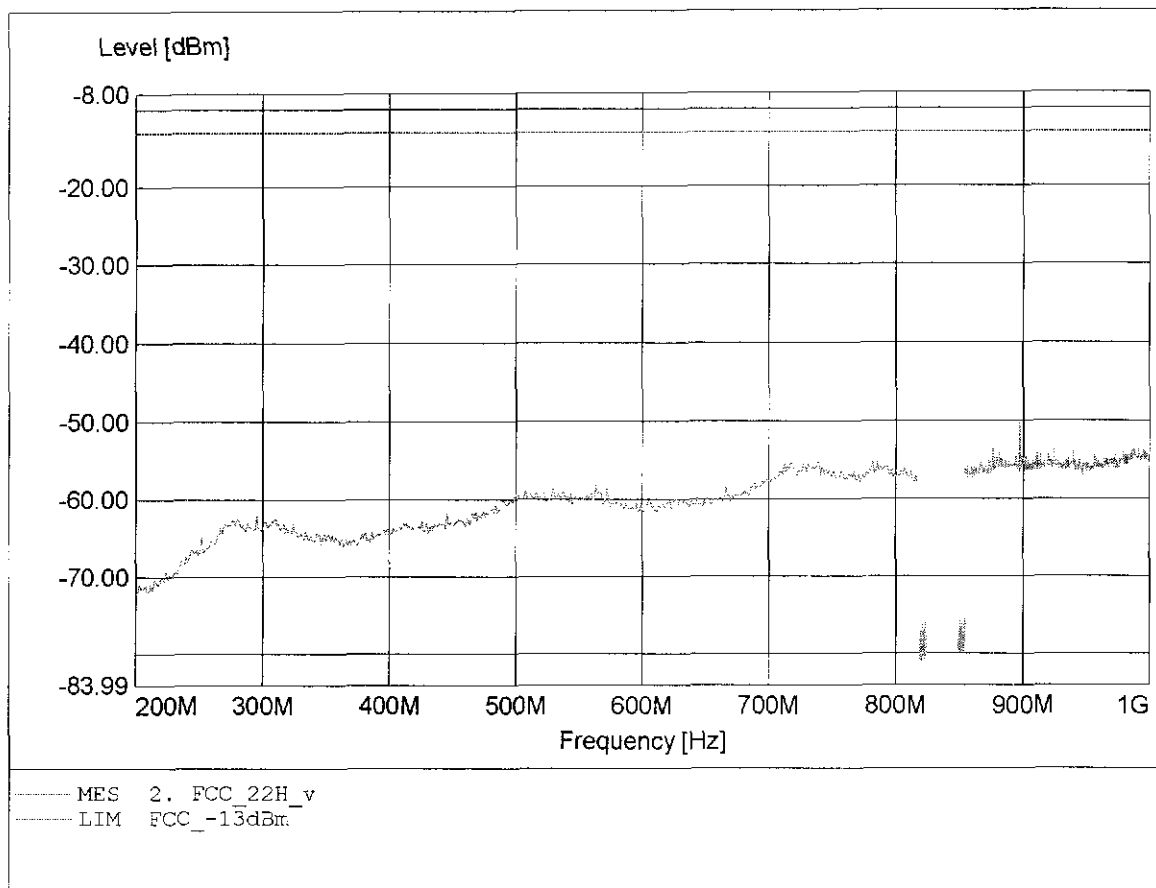
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
 EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
 Model / Channel: C510 / 188
 Test Site / Operator: ETS / Mr. Meng
 Operating Conditions: 23°C / Unom.: 3.7 VDC
 Test Specification: according to S22.917
 Comment 1: Dist.: 3m, Ant.: HL 223+notch
 Comment 2: Freq: 865.411MHz, Pmax: -33.87dBm, RBW: 100kHz



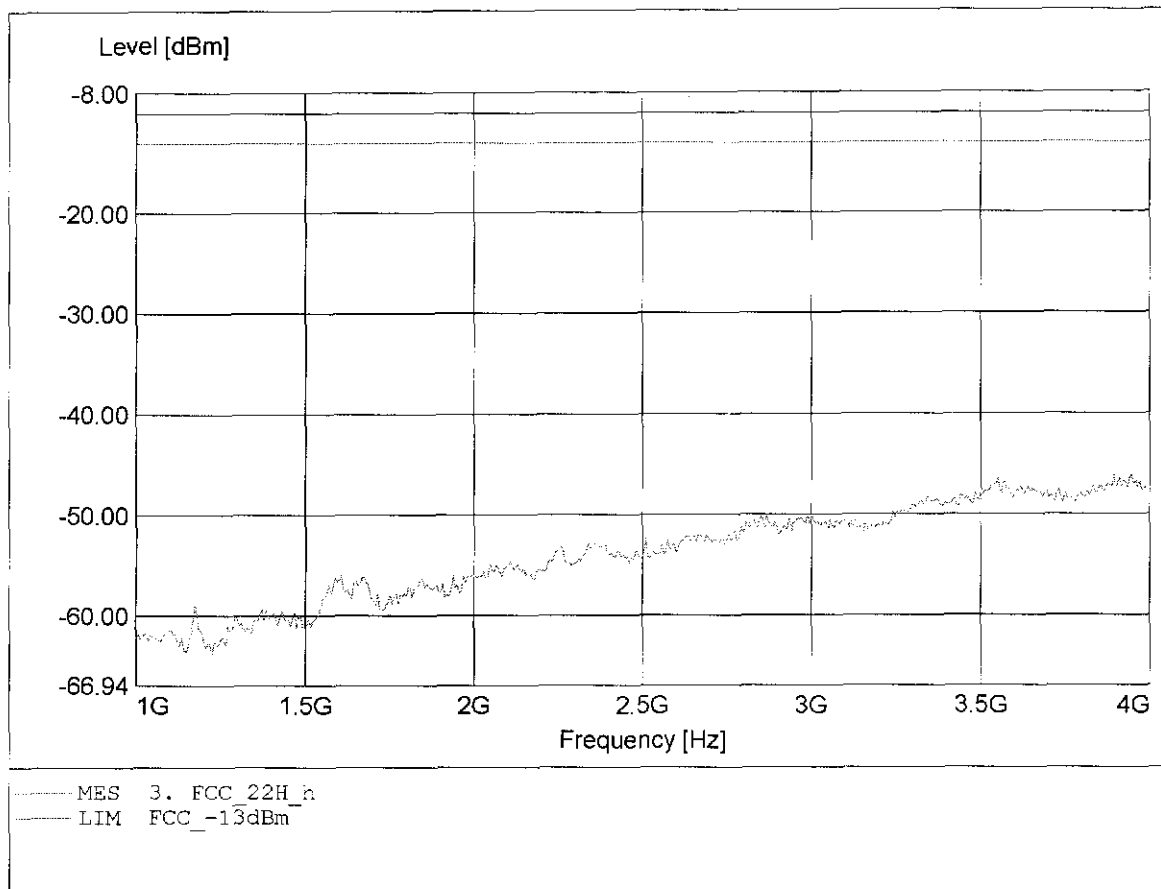
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 896.425MHz, Pmax: -50.19dBm, RBW: 100kHz



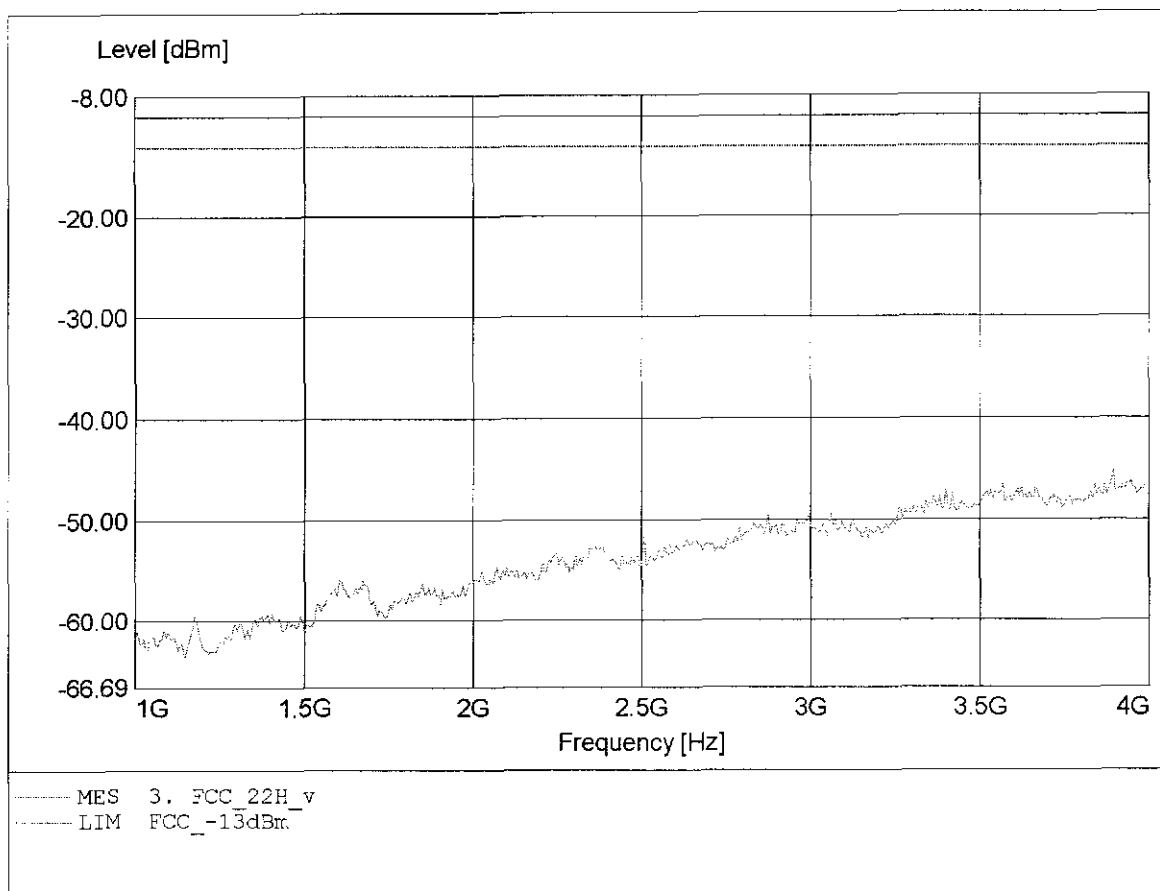
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.892GHz, Pmax: -46.06dBm, RBW: 1MHz



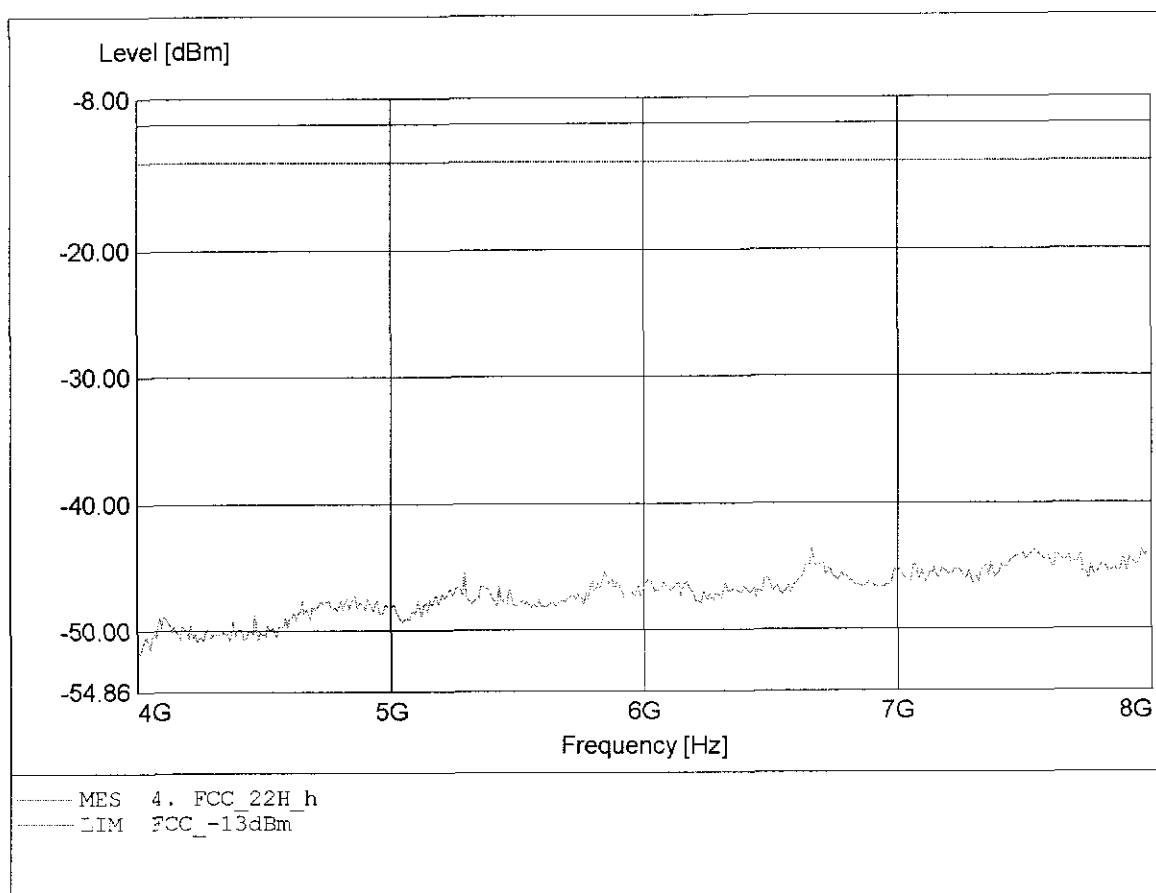
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.892GHz, Pmax: -45.01dBm, RBW: 1MHz



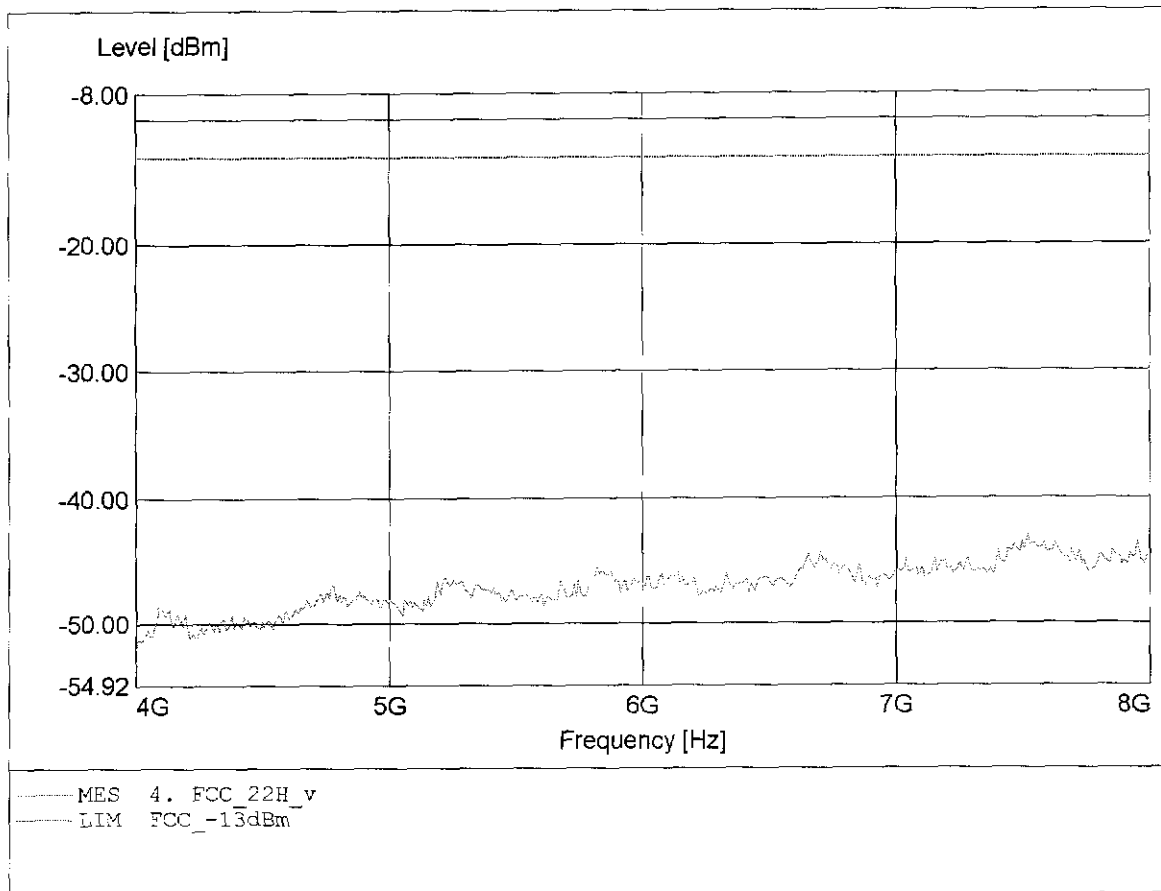
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.661GHz, Pmax: -43.59dBm, RBW: 1MHz



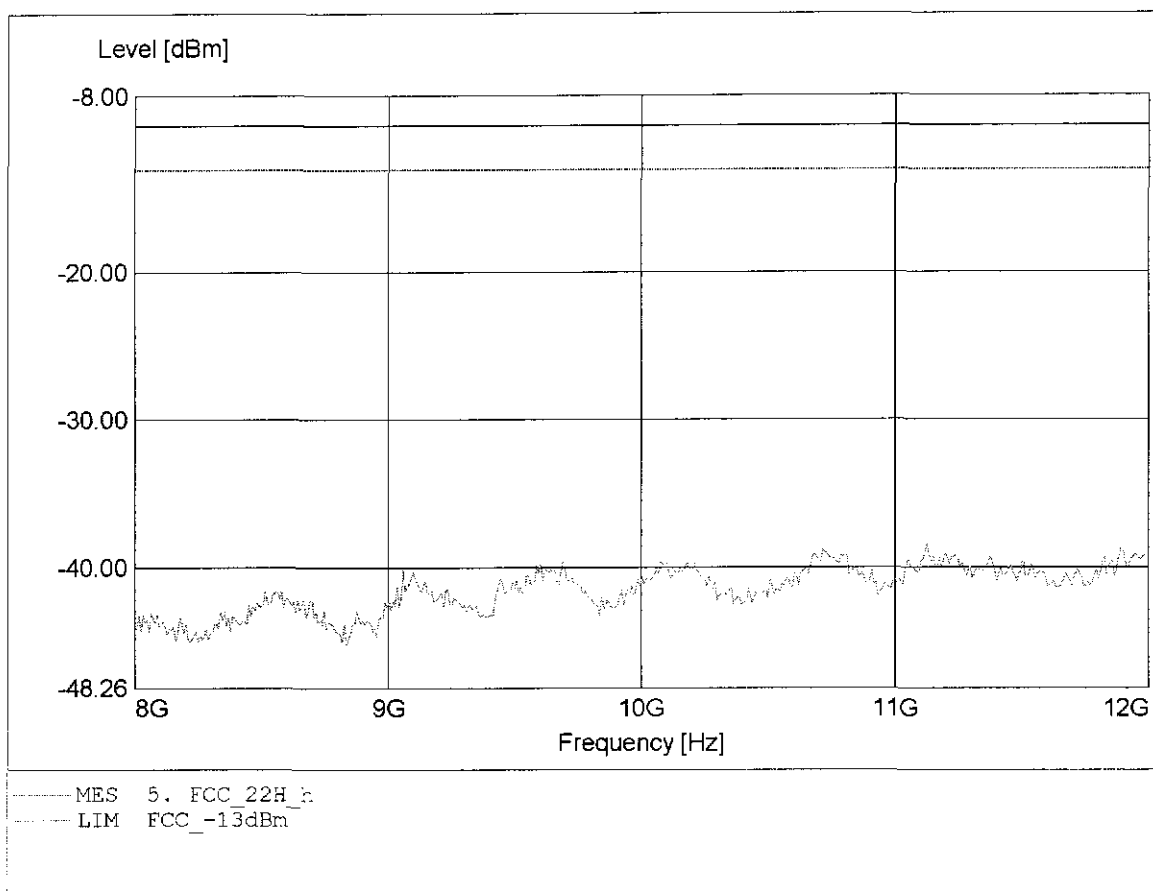
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.519GHz, Pmax: -42.96dBm, RBW: 1MHz



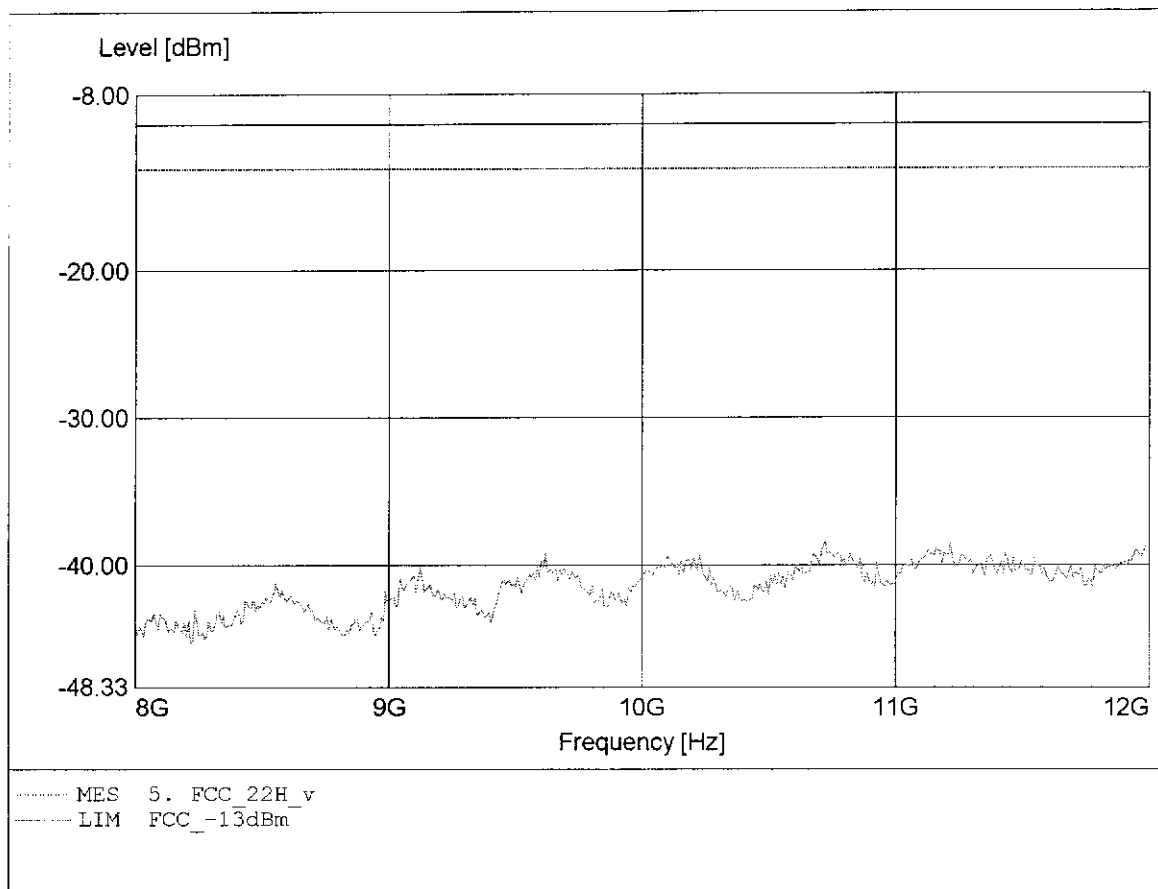
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.126GHz, Pmax: -38.40dBm, RBW: 1MHz



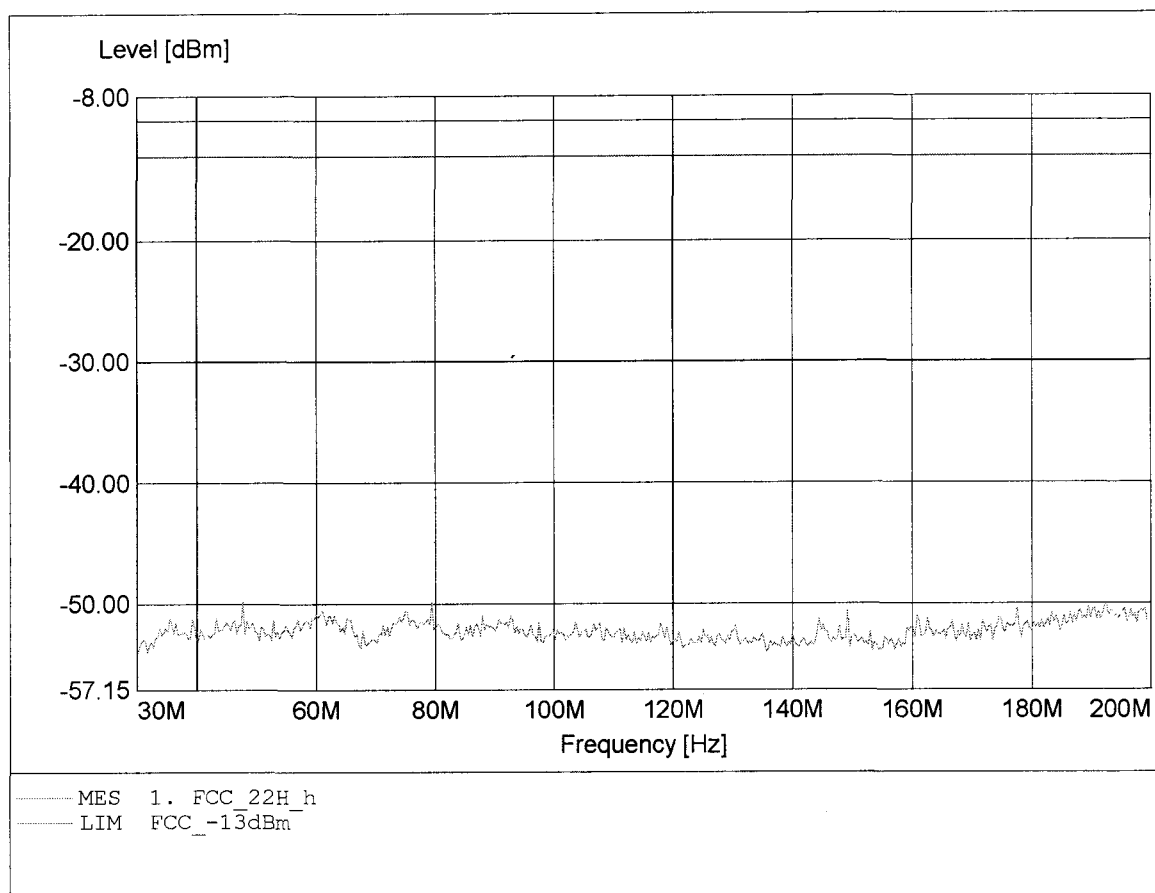
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.725GHz, Pmax: -38.43dBm, RBW: 1MHz



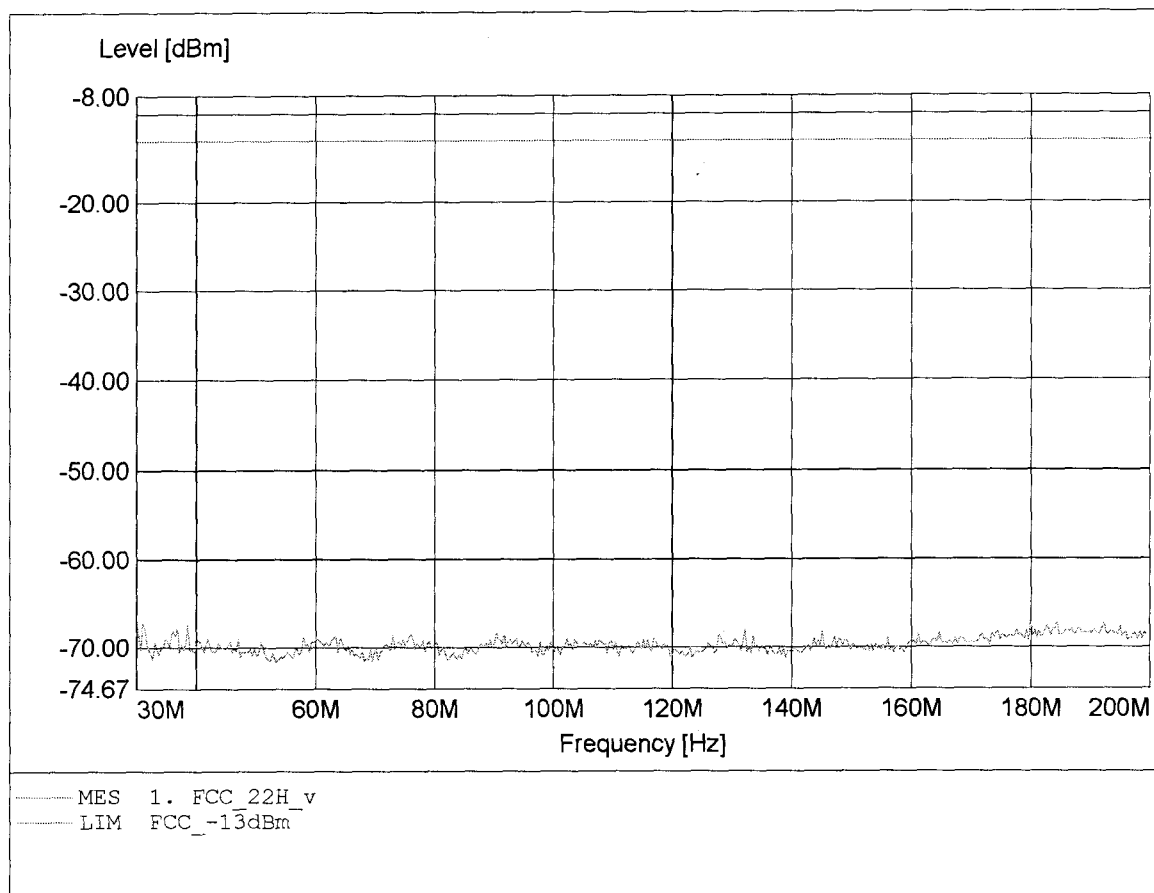
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 79.399MHz, Pmax: -49.80dBm, RBW: 100kHz



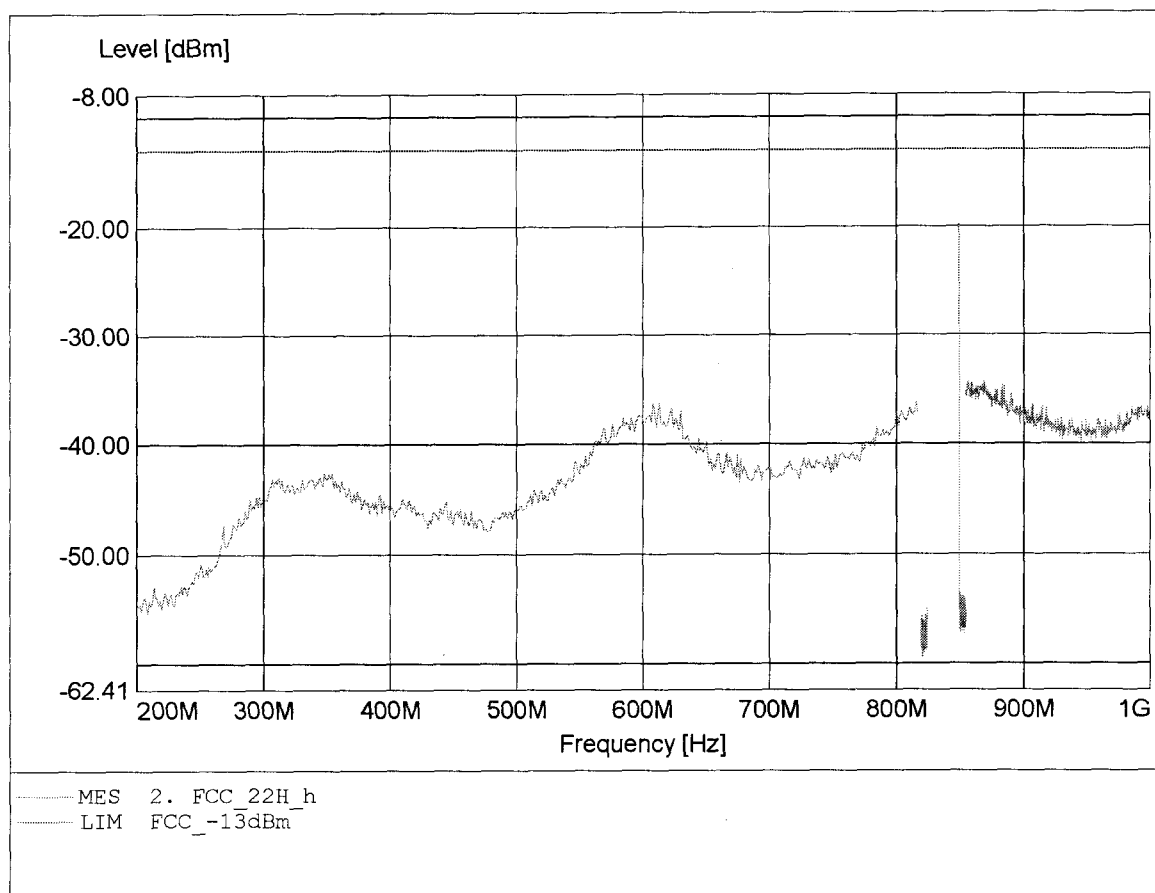
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.000MHz, Pmax: -66.30dBm, RBW: 100kHz



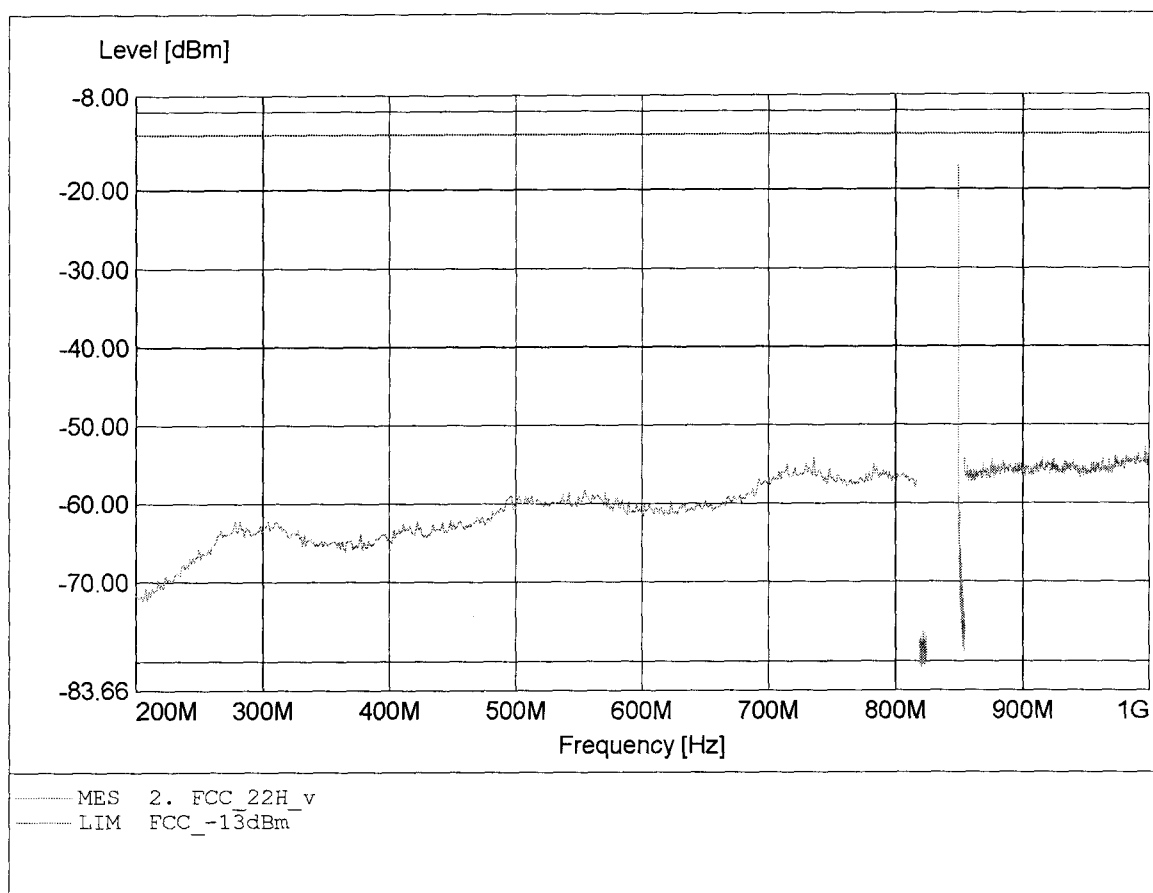
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.010MHz, Pmax: -19.90dBm, RBW: 100kHz



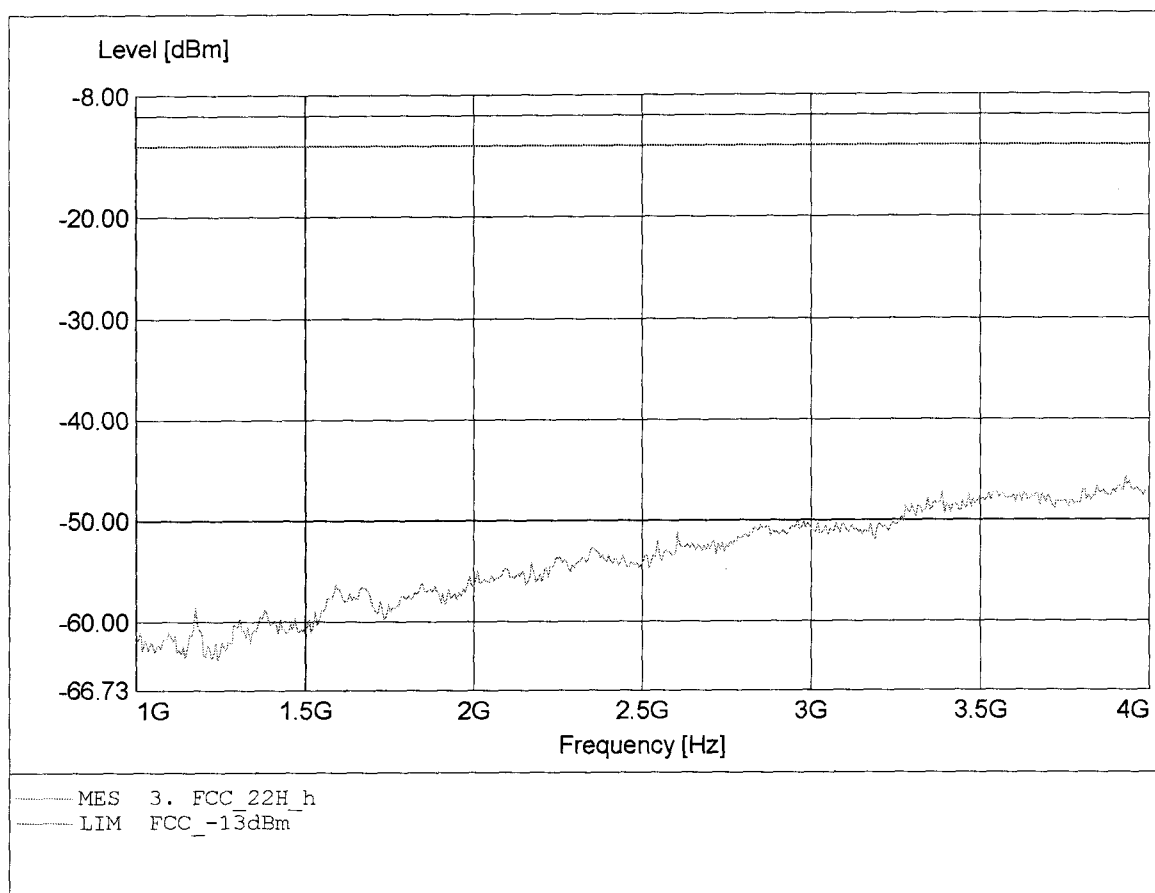
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.020MHz, Pmax: -16.92dBm, RBW: 100kHz



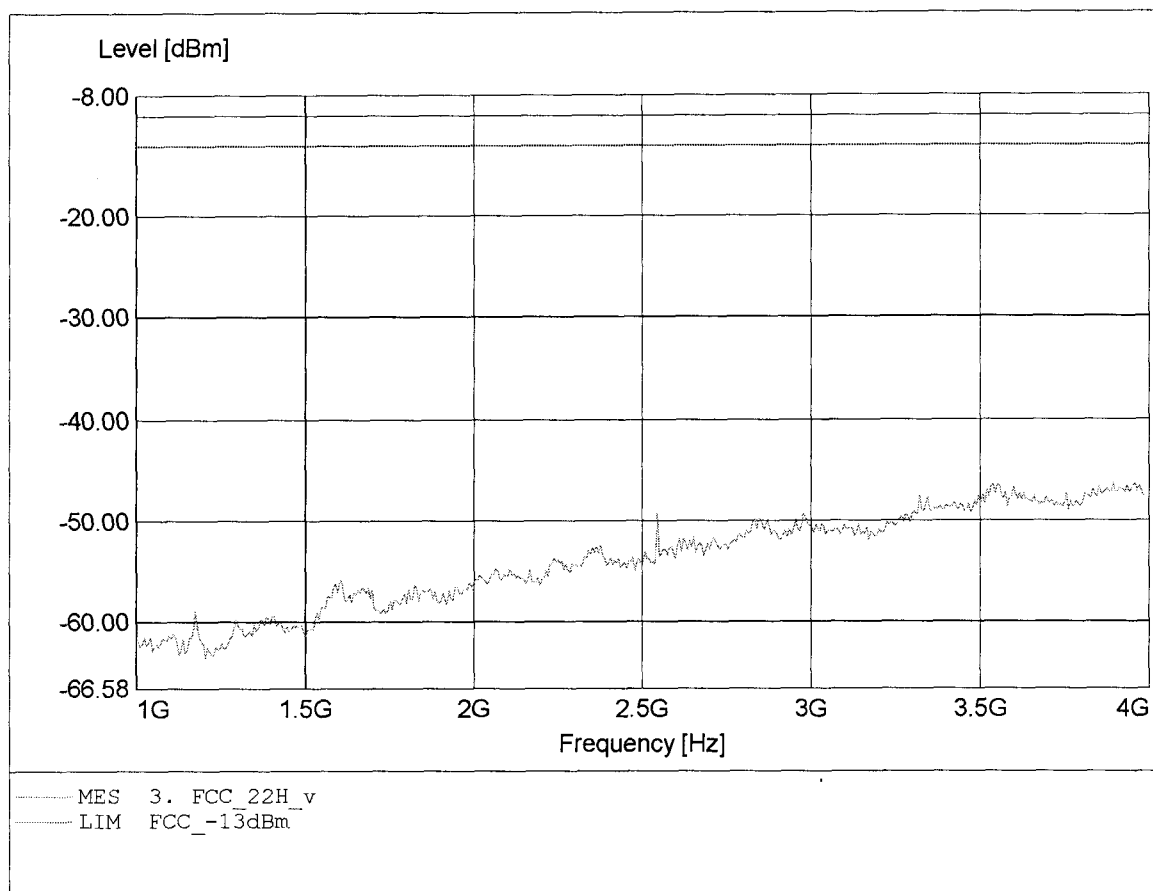
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.928GHz, Pmax: -45.74dBm, RBW: 1MHz



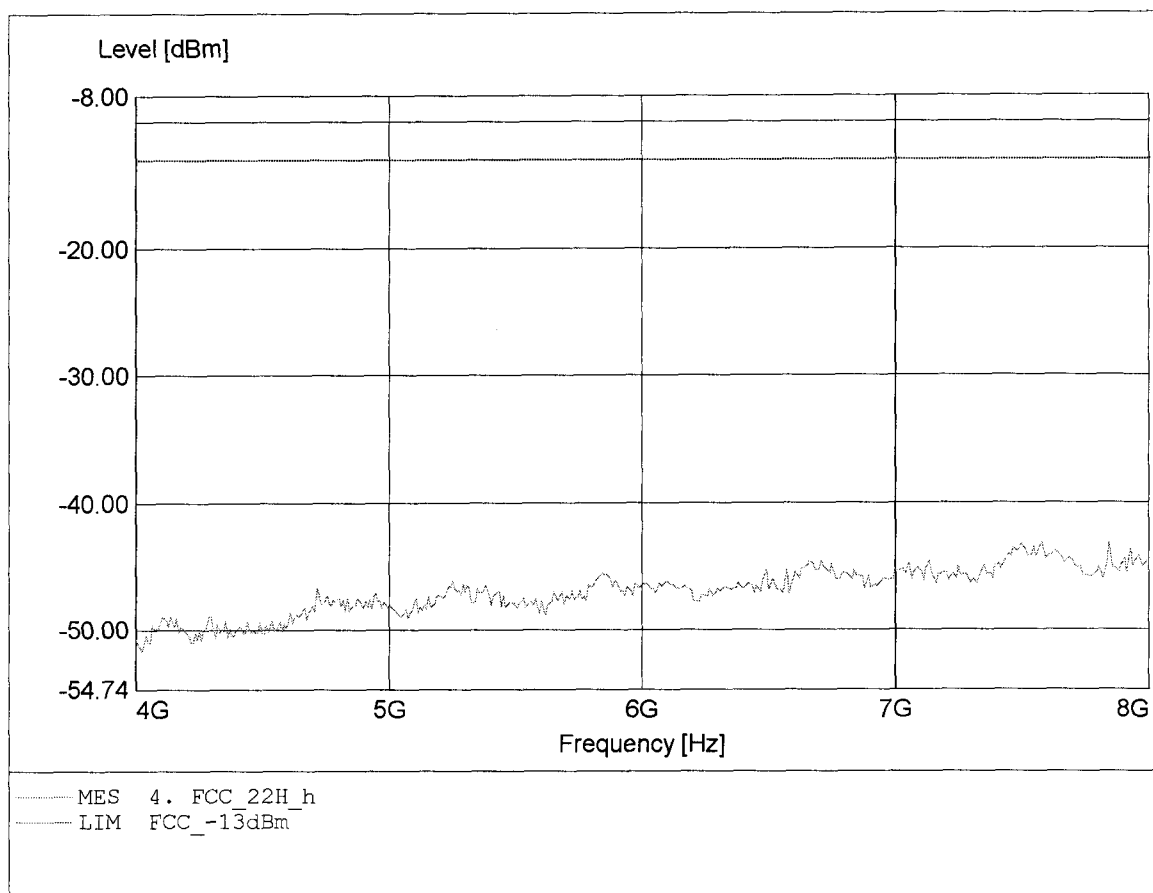
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.892GHz, Pmax: -46.28dBm, RBW: 1MHz



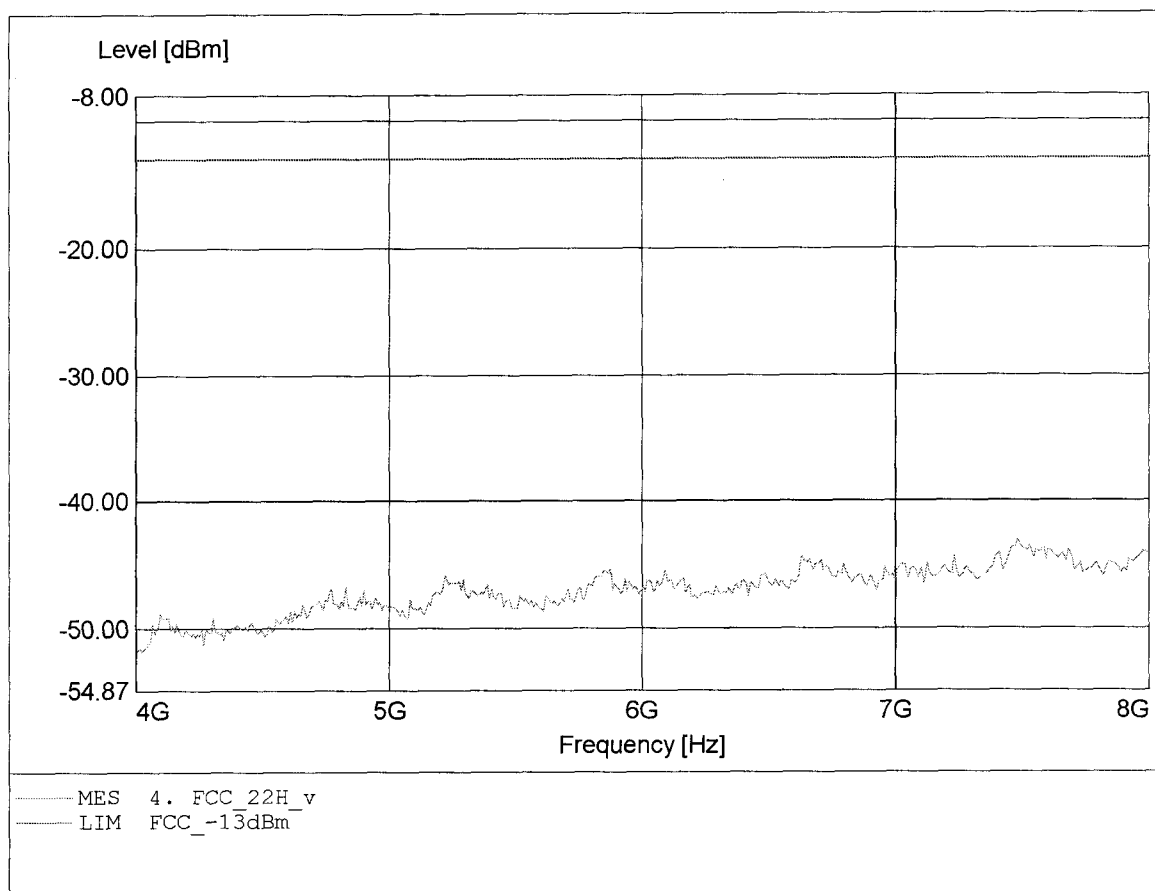
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.575GHz, Pmax: -43.17dBm, RBW: 1MHz



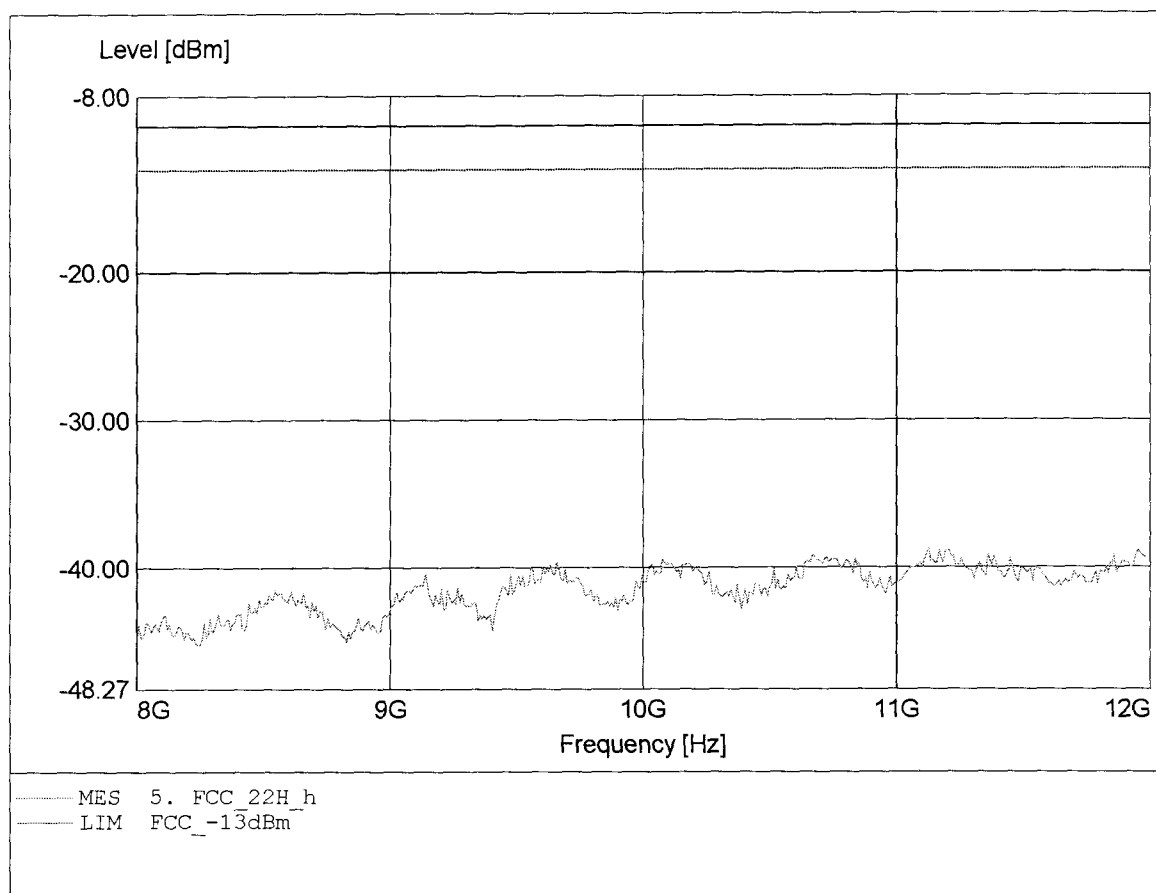
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.479GHz, Pmax: -43.11dBm, RBW: 1MHz



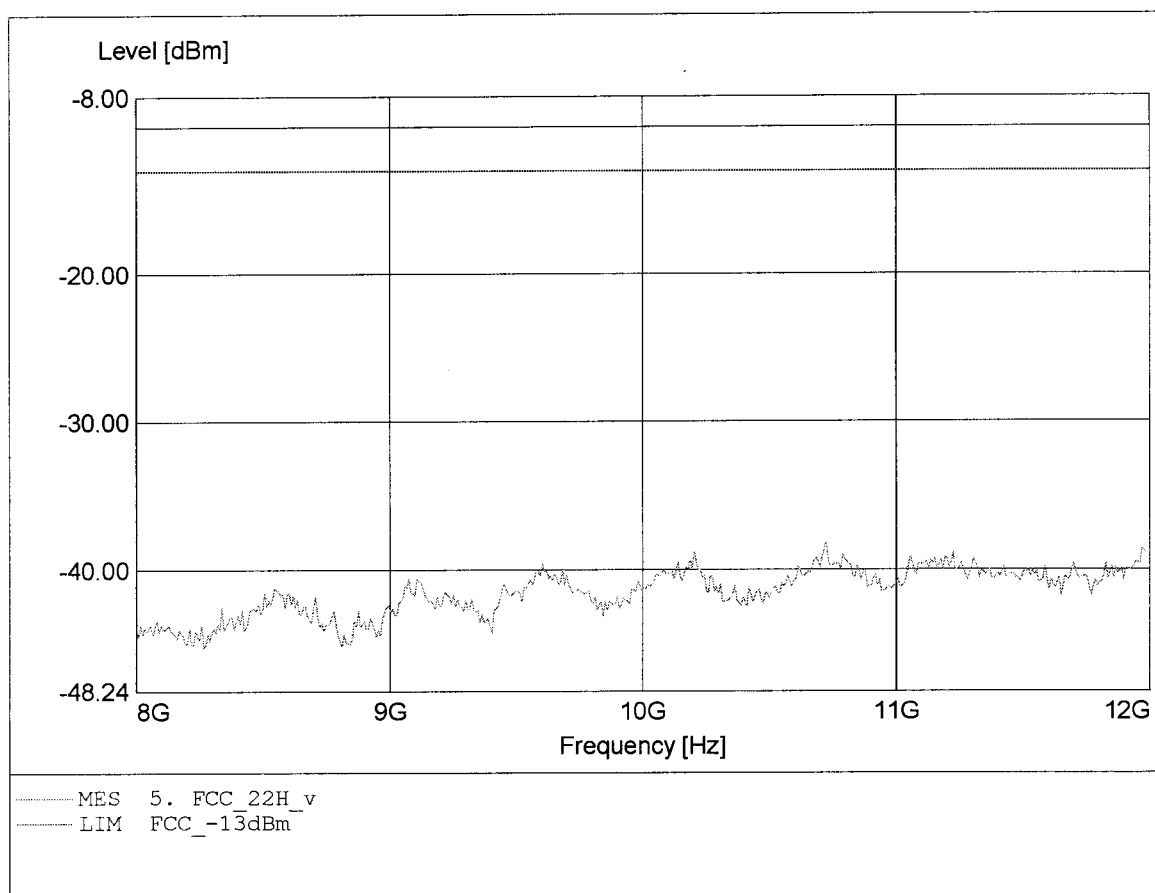
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.126GHz, Pmax: -38.70dBm, RBW: 1MHz



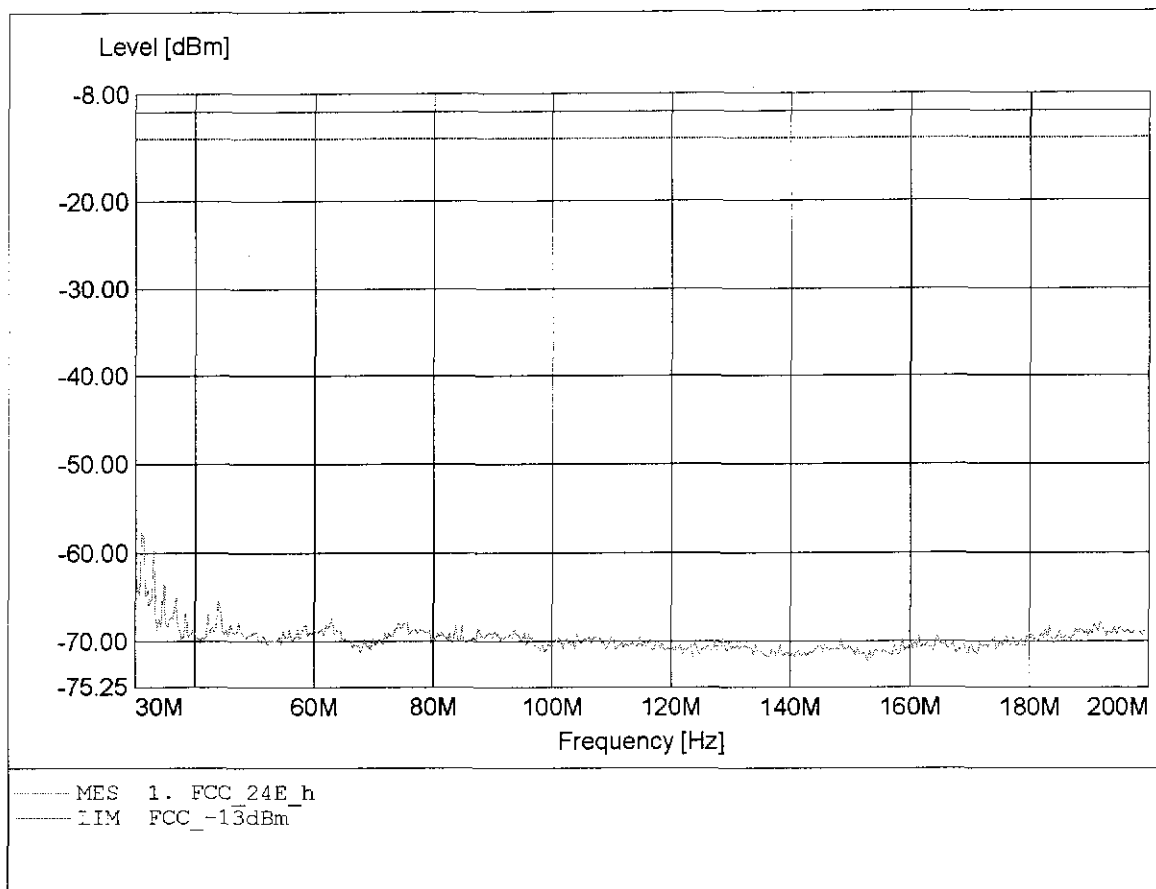
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.725GHz, Pmax: -38.16dBm, RBW: 1MHz



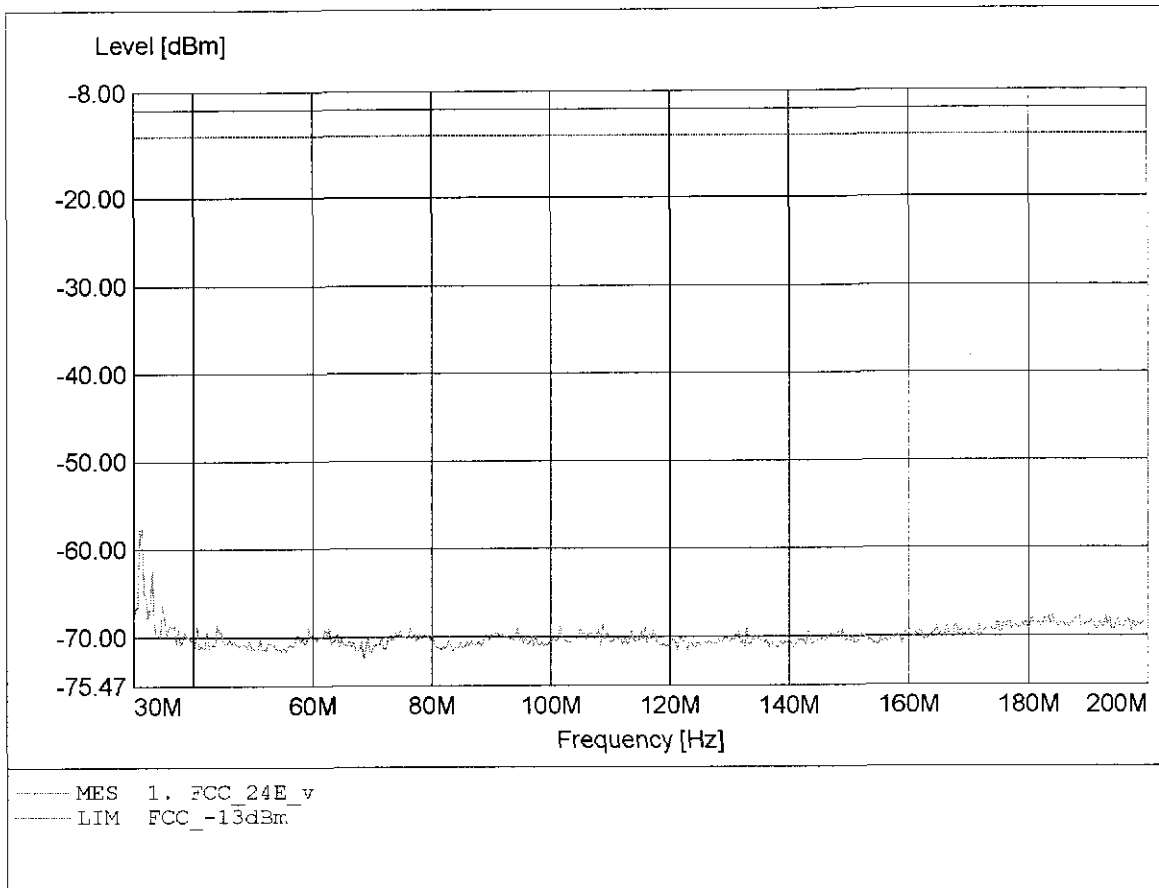
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.022MHz, Pmax: -57.76dBm, RBW: 100kHz



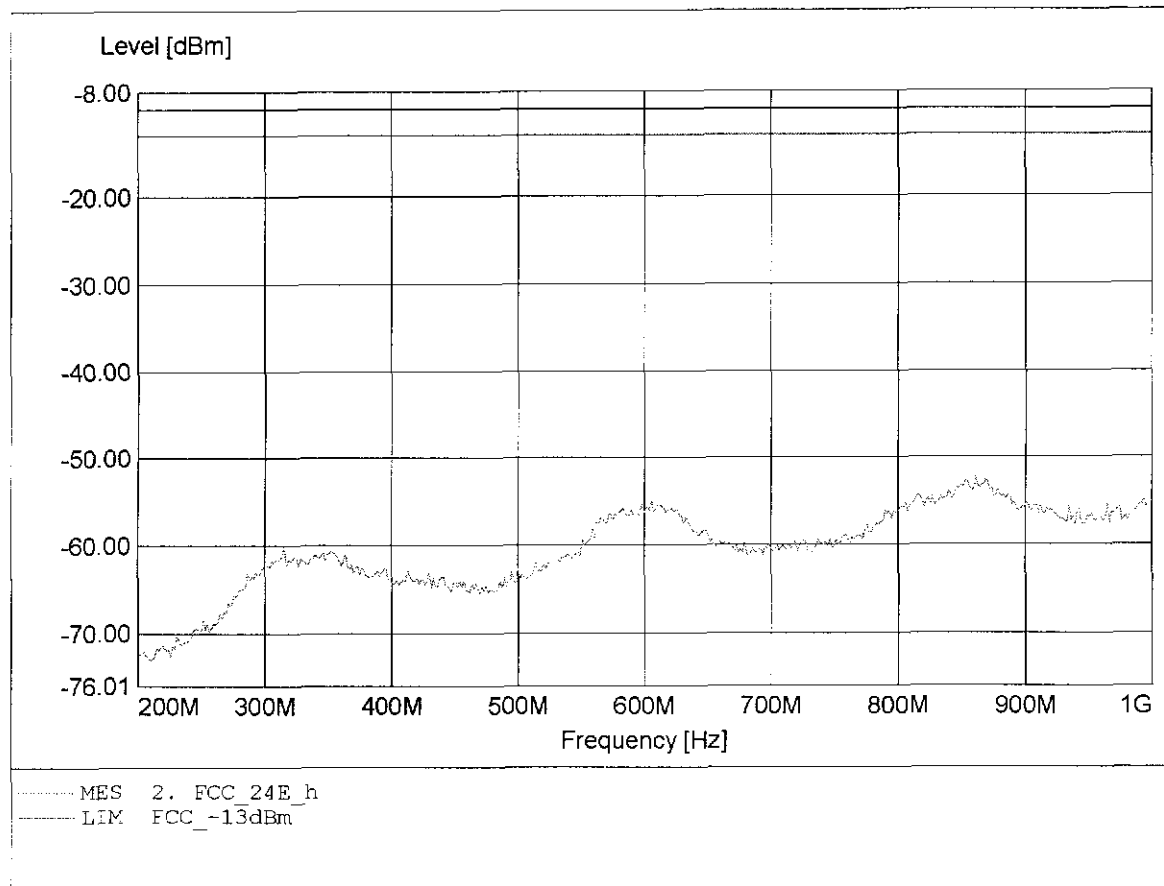
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.363MHz, Pmax: -57.54dBm, RBW: 100kHz



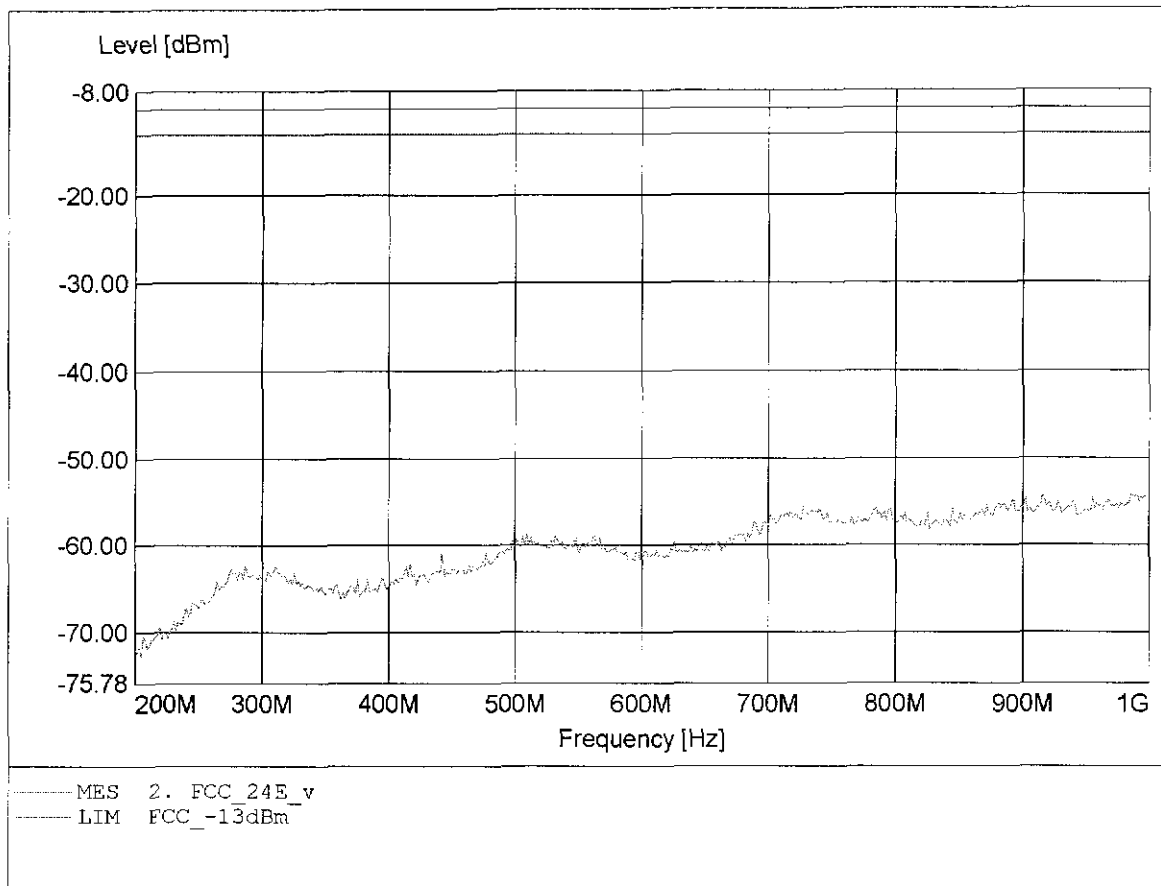
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 860.521MHz, Pmax: -52.38dBm, RBW: 100kHz



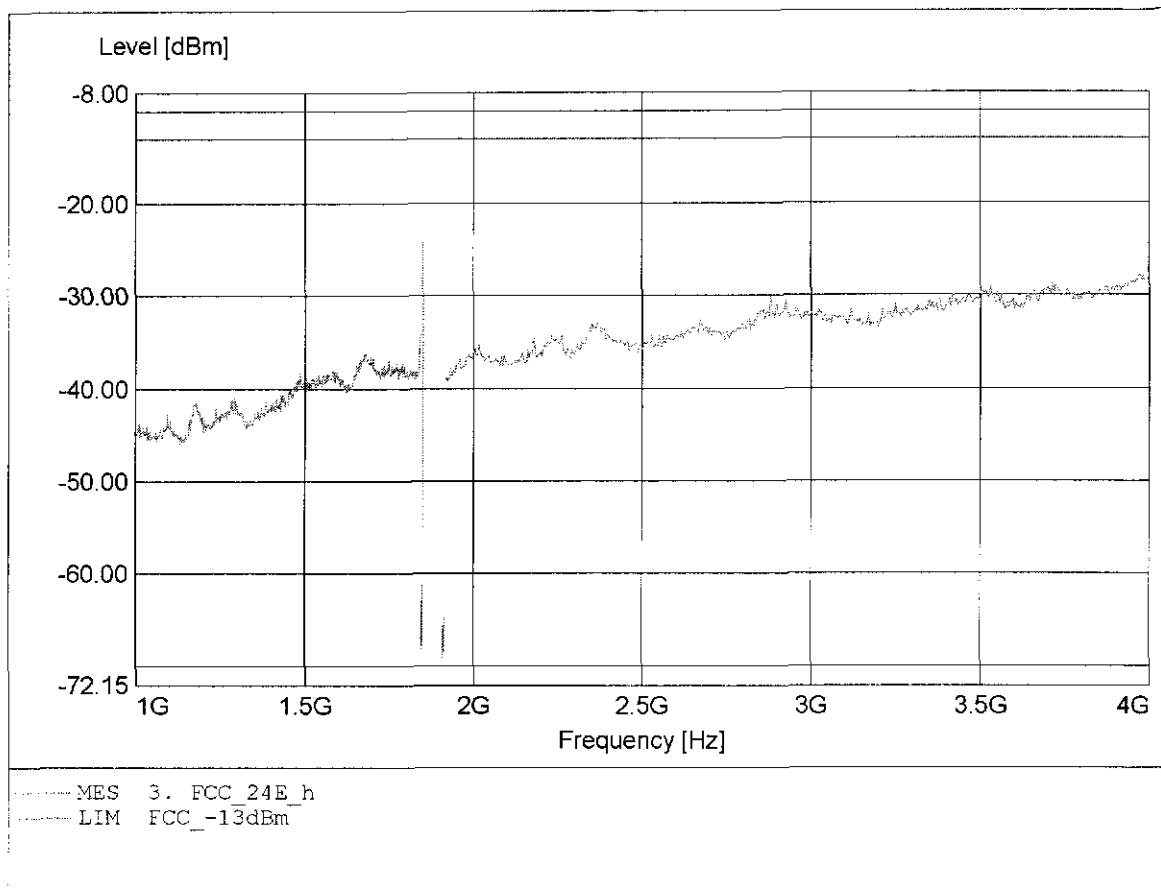
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 985.571MHz, Pmax: -54.22dBm, RBW: 100kHz



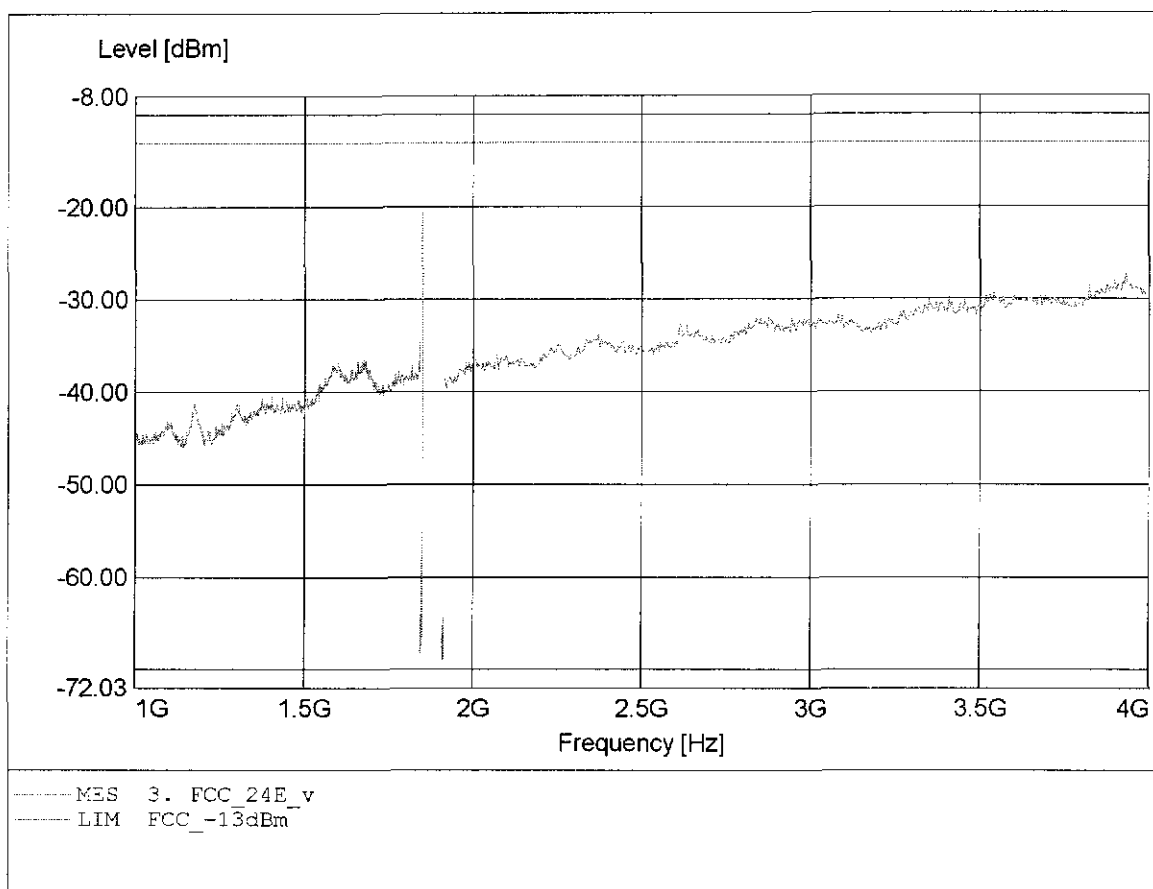
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -24.04dBm, RBW: 1MHz/3kHz



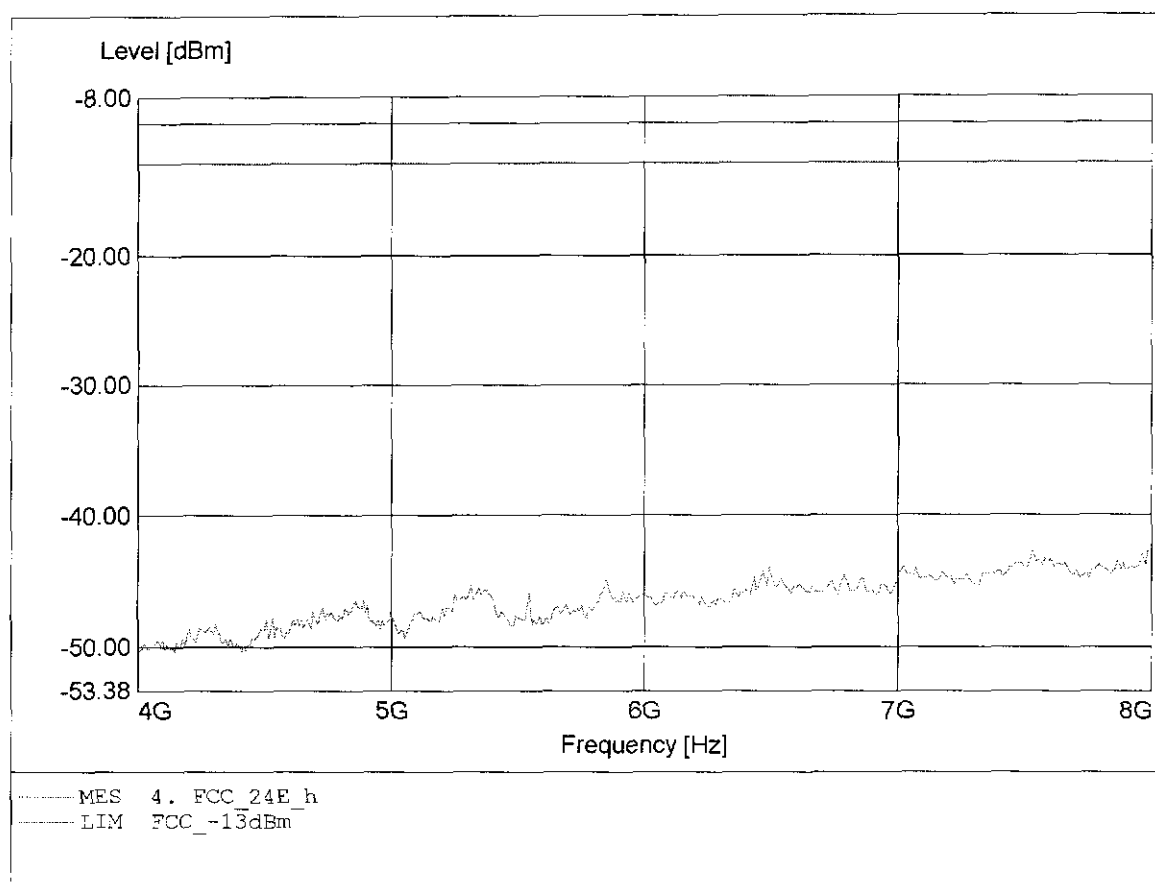
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -20.52dBm, RBW: 1MHz/3kHz



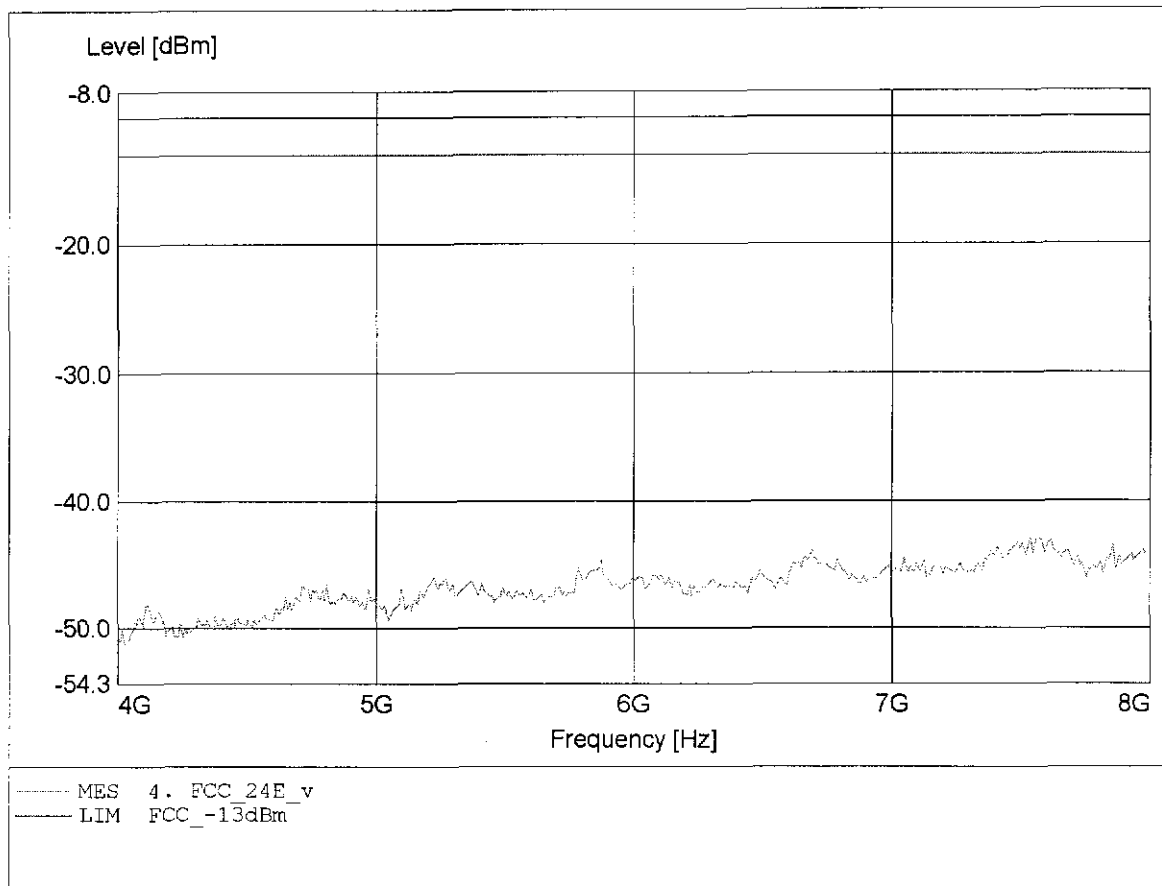
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.984GHz, Pmax: -42.68dBm, RBW: 1MHz



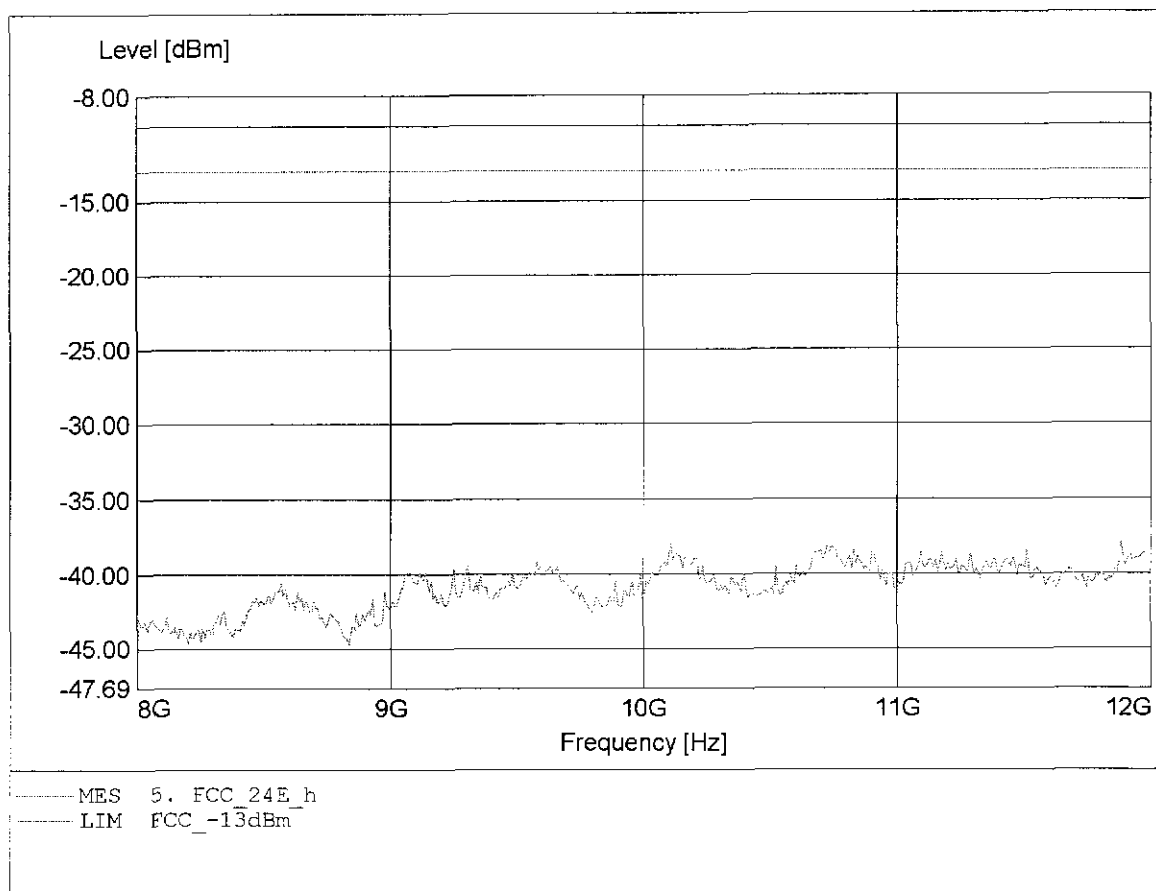
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HLO25, ampl.+HP.
Comment 2: Freq: 7.535GHz, Pmax: -42.80dBm, RBW: 1MHz



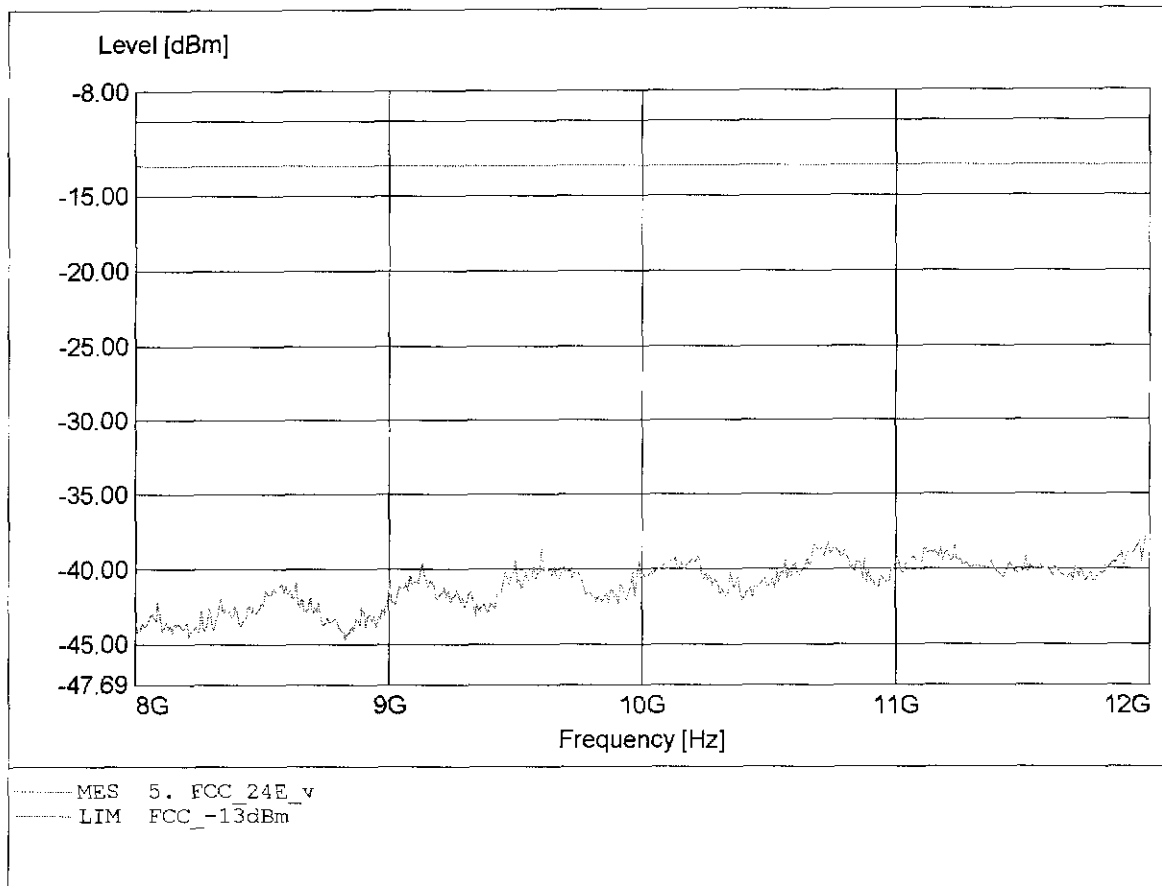
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.880GHz, Pmax: -37.85dBm, RBW: 1MHz



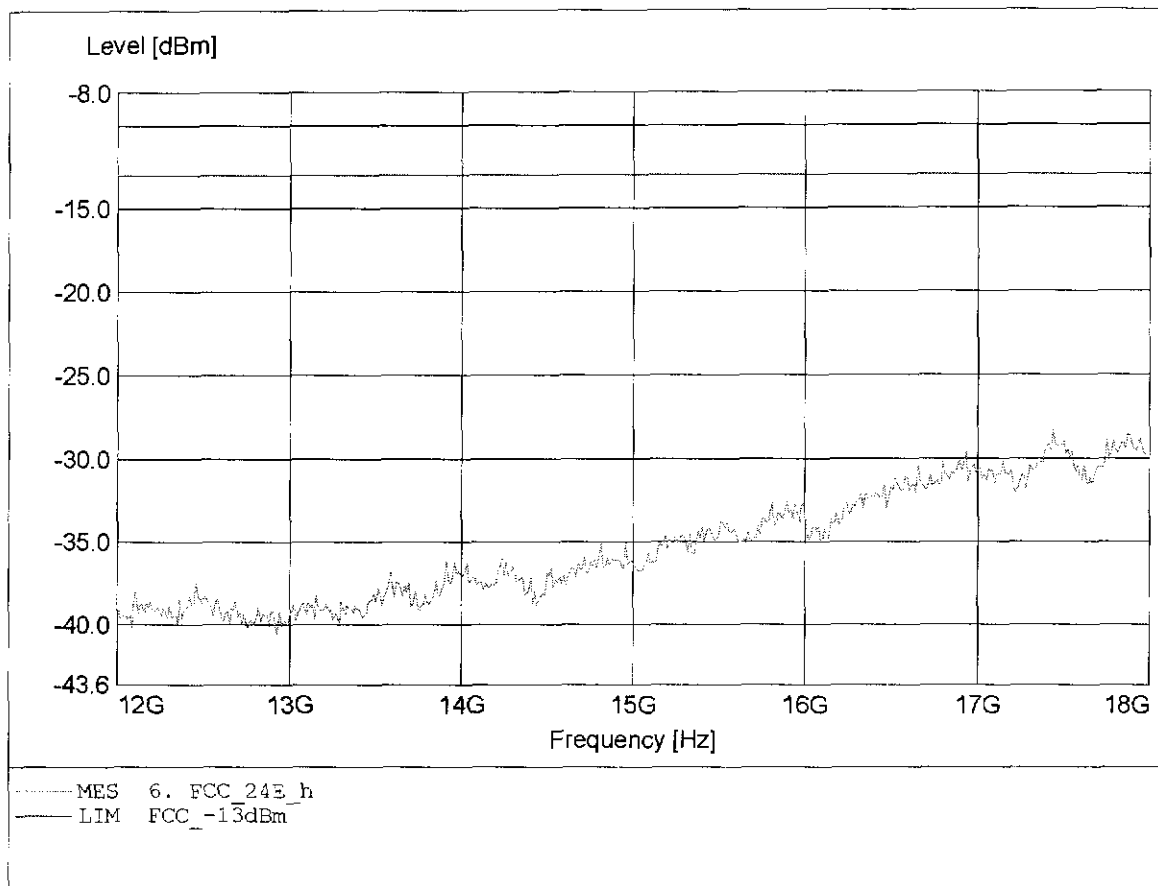
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.984GHz, Pmax: -37.81dBm, RBW: 1MHz



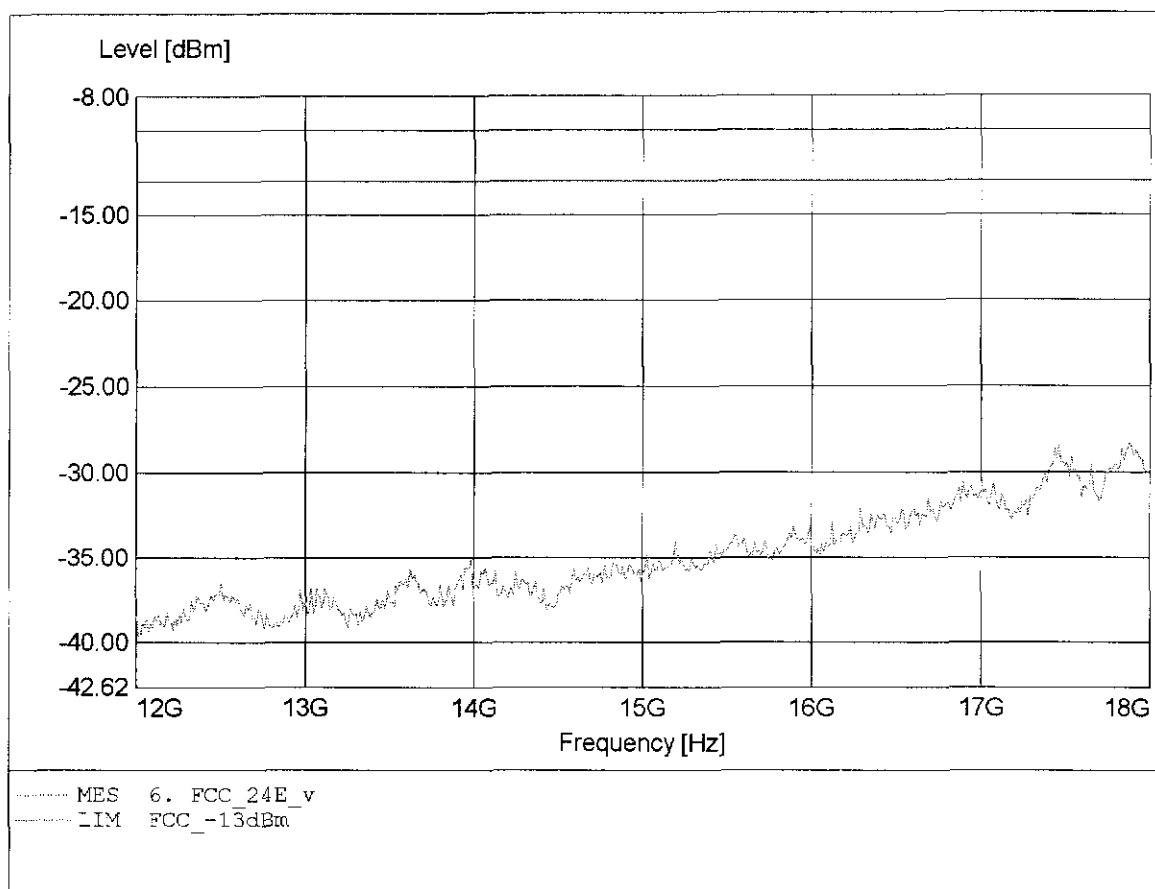
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.435GHz, Pmax: -28.29dBm, RBW: 1MHz



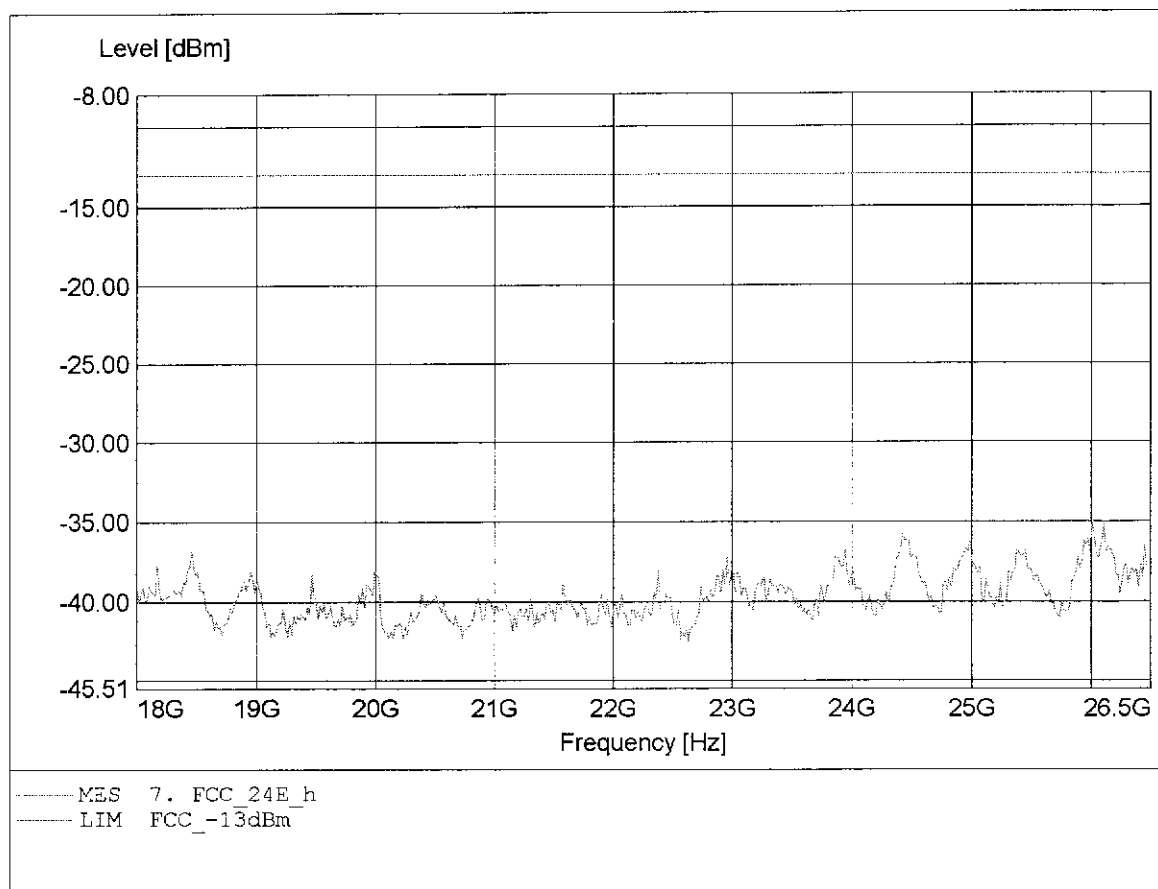
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.880GHz, Pmax: -28.26dBm, RBW: 1MHz



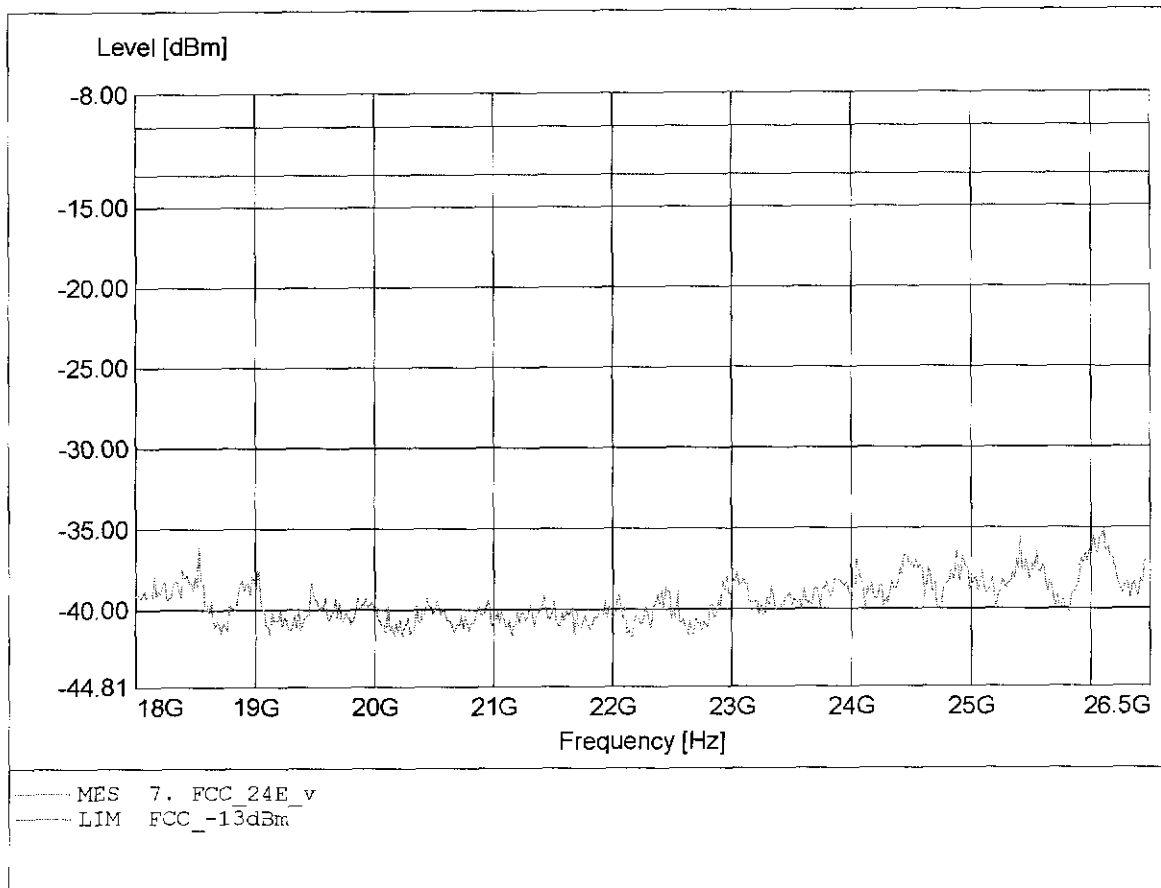
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.006GHz, Pmax: -34.93dBm, RBW: 1MHz



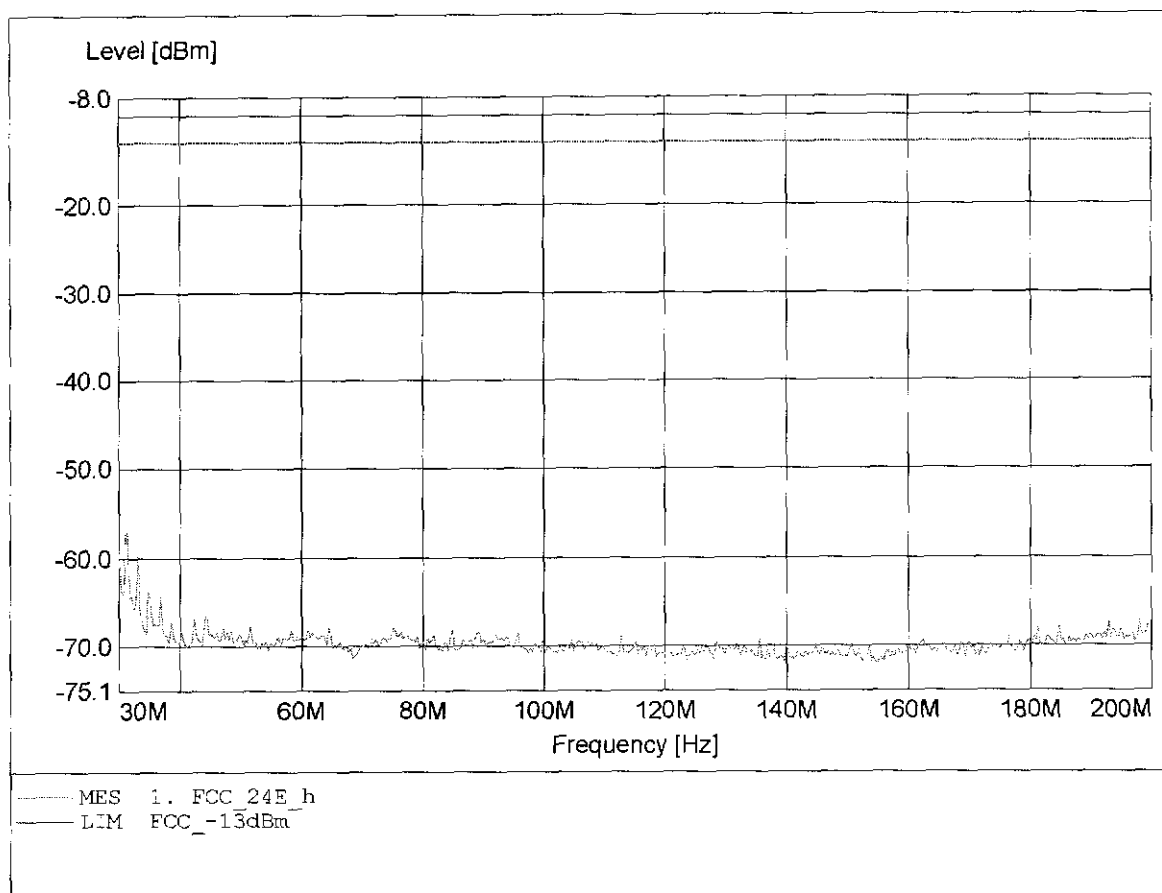
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.108GHz, Pmax: -35.02dBm, RBW: 1MHz



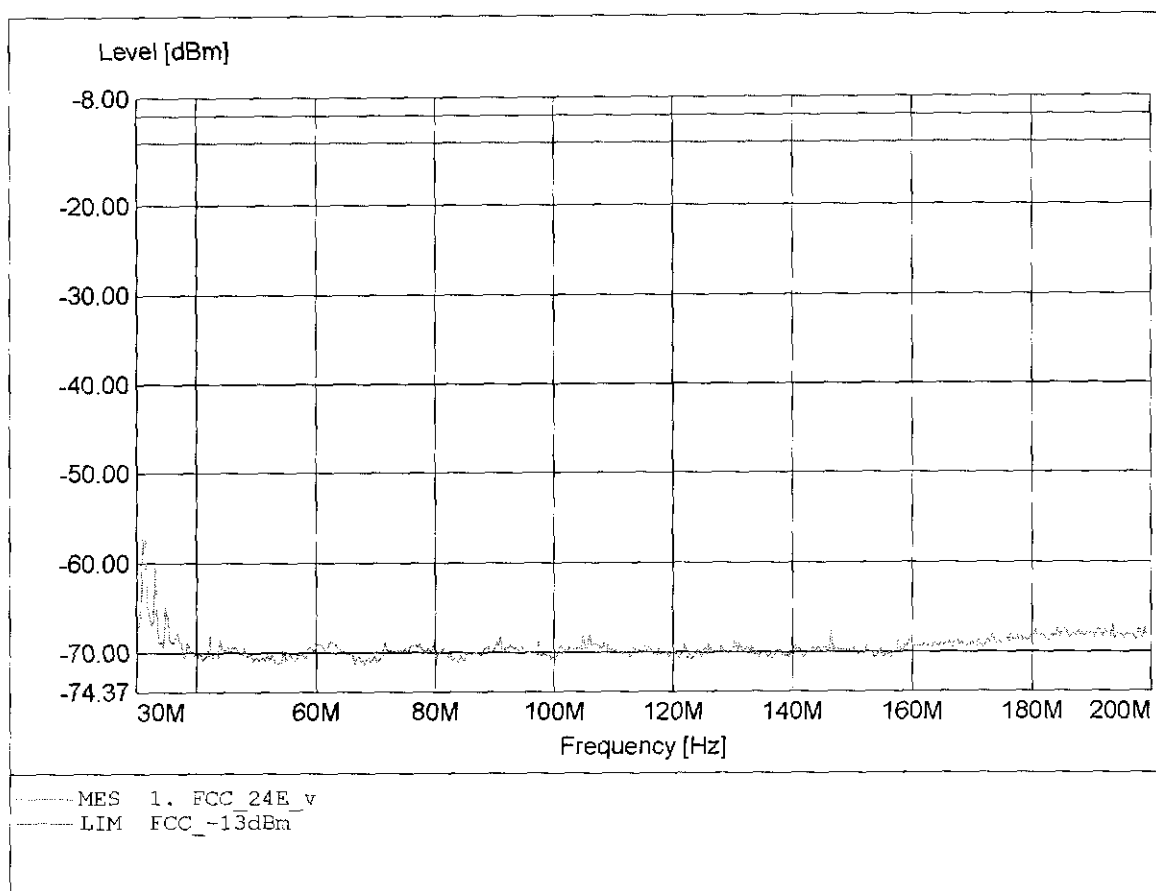
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.363MHz, Pmax: -57.12dBm, RBW: 100kHz



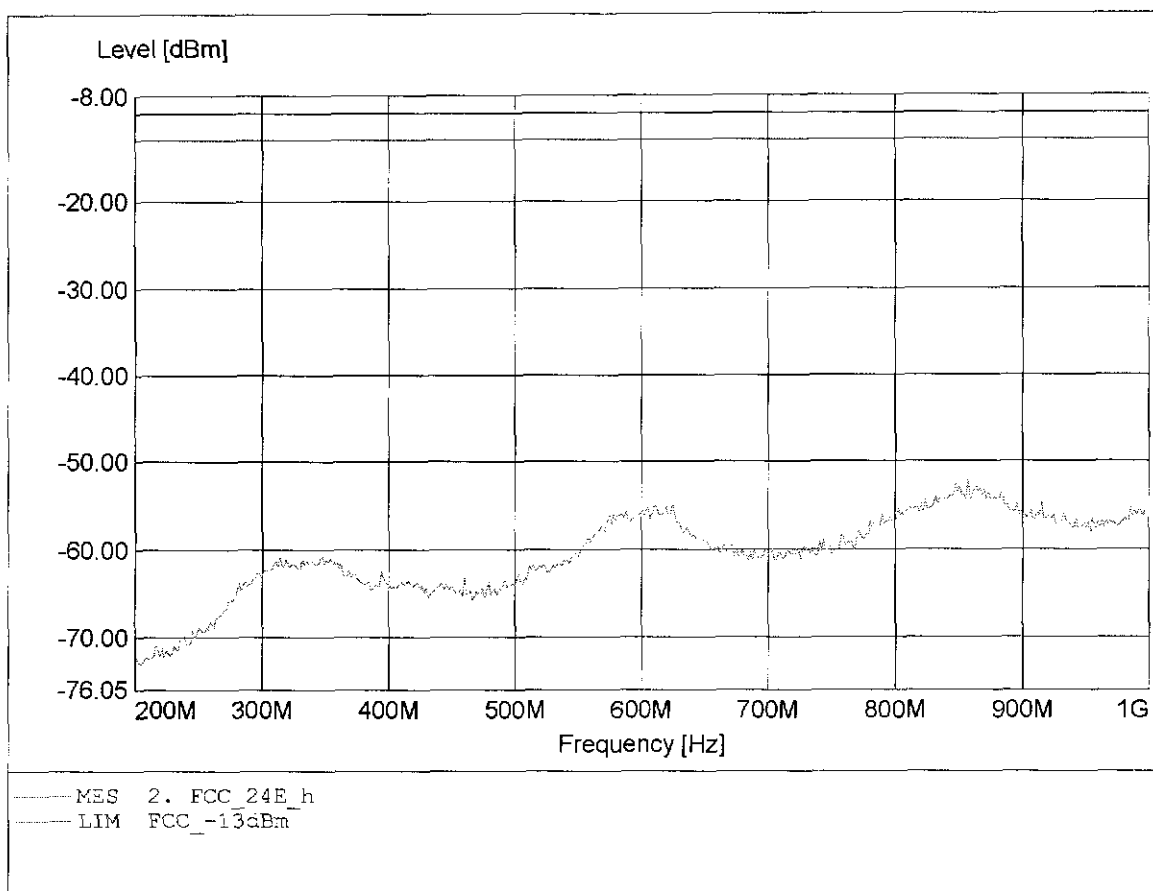
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.022MHz, Pmax: -57.24dBm, RBW: 100kHz



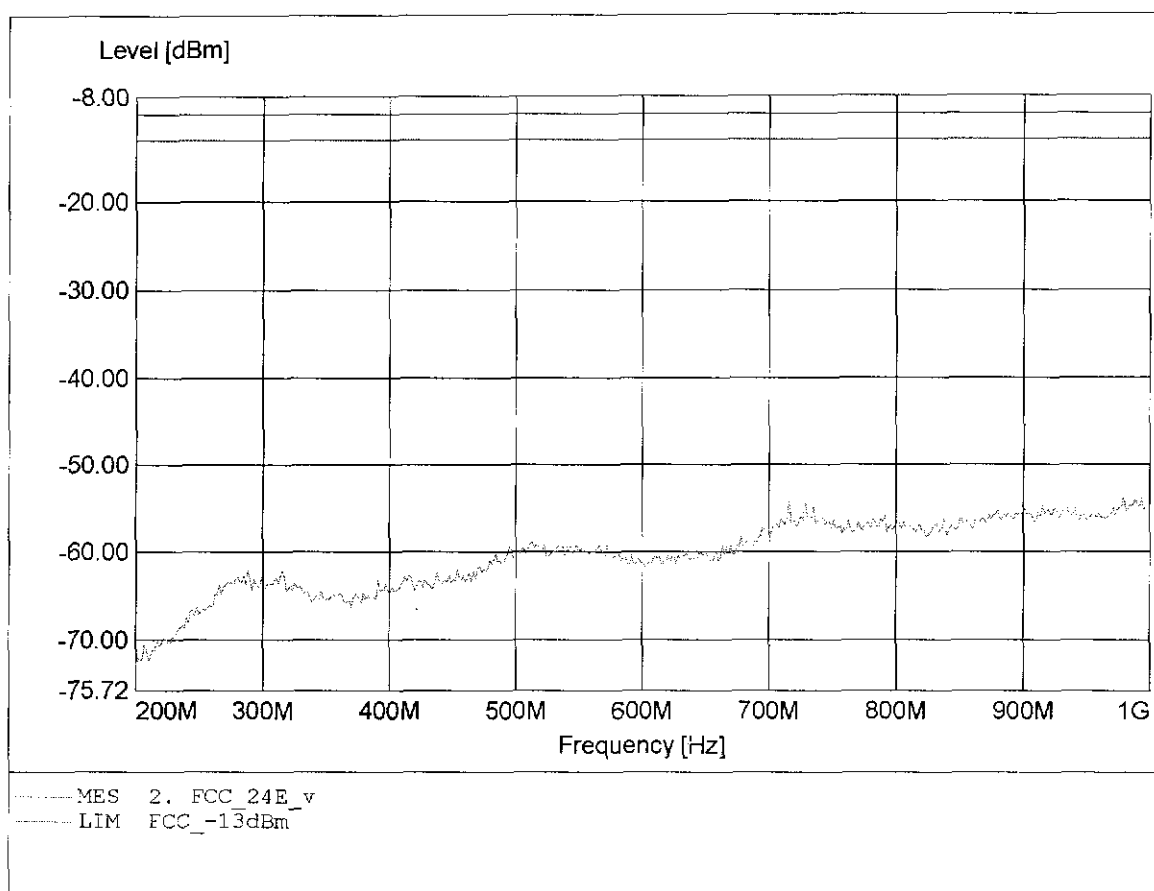
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 857.315MHz, Pmax: -51.92dBm, RBW: 100kHz



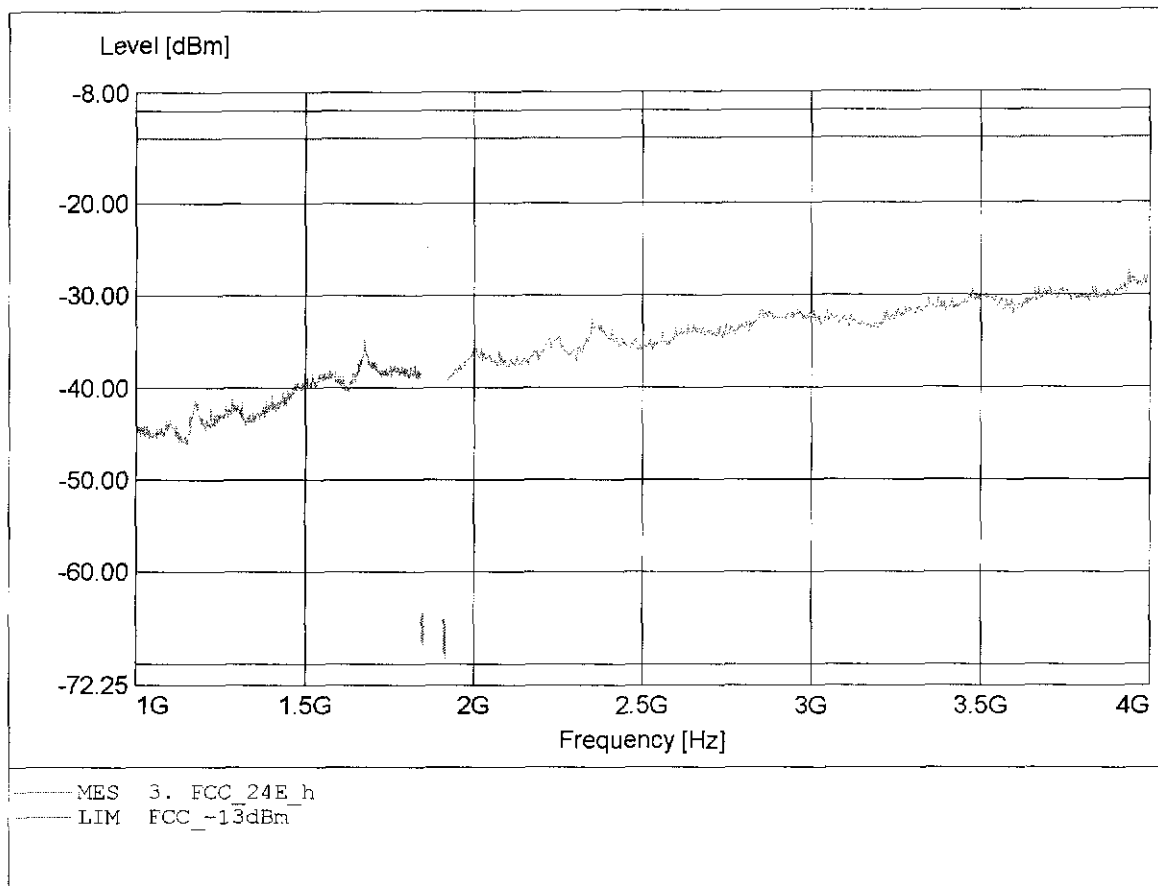
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 993.587MHz, Pmax: -53.89dBm, RBW: 100kHz



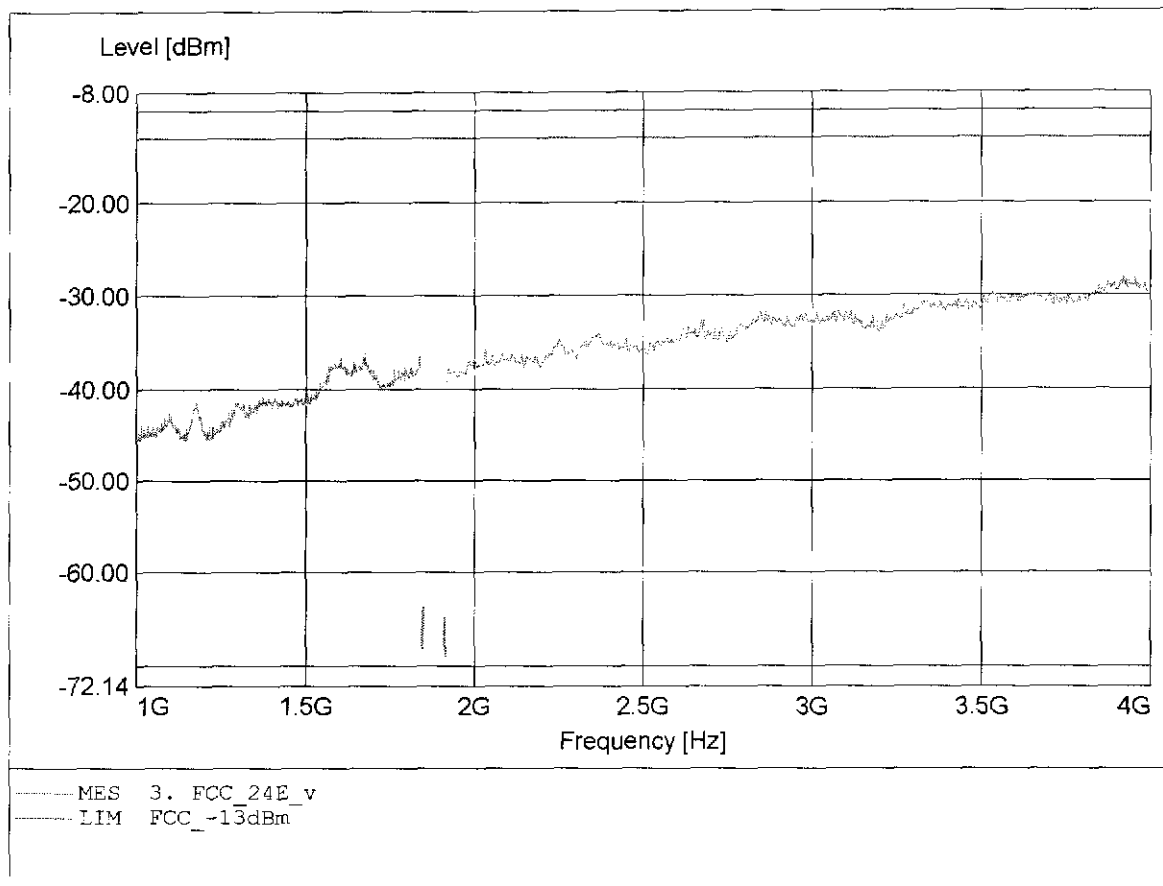
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.937GHz, Pmax: -27.37dBm, RBW: 1MHz/3kHz



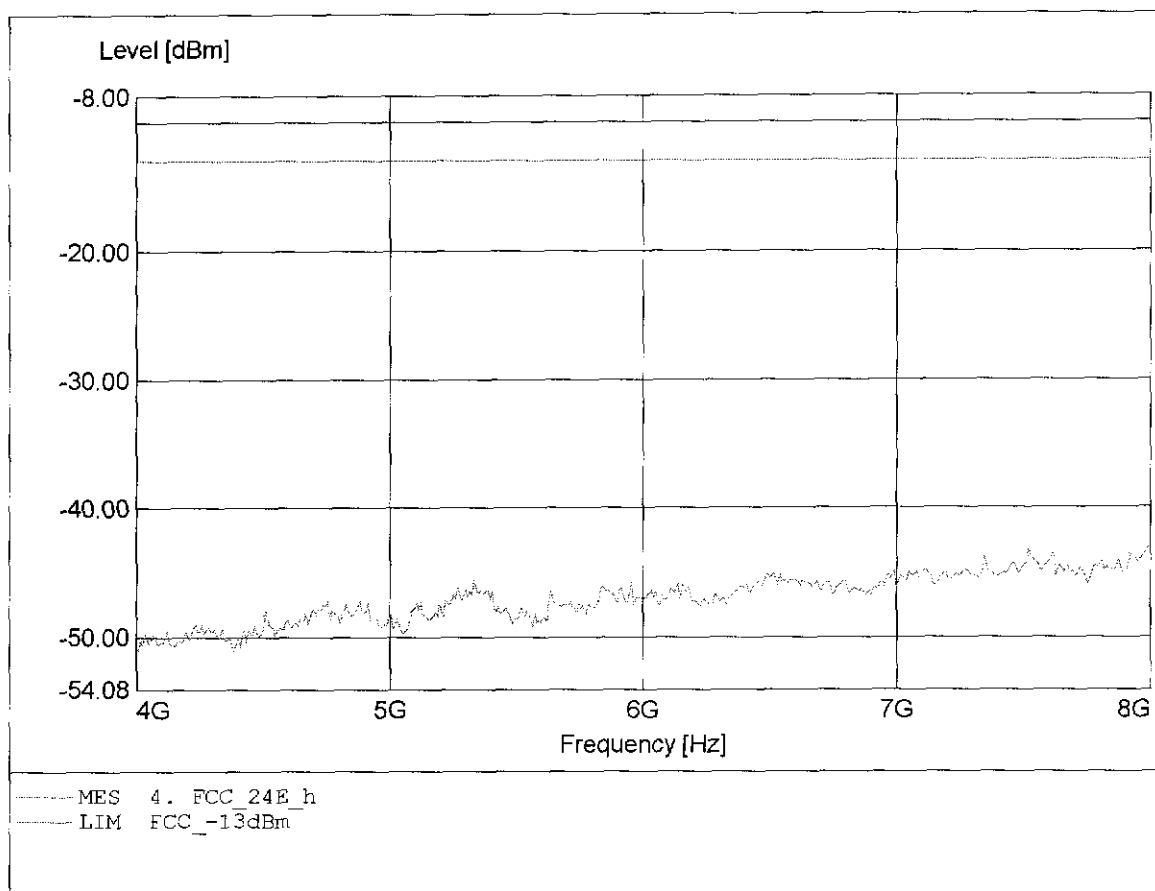
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.921GHz, Pmax: -28.00dBm, RBW: 1MHz/3kHz



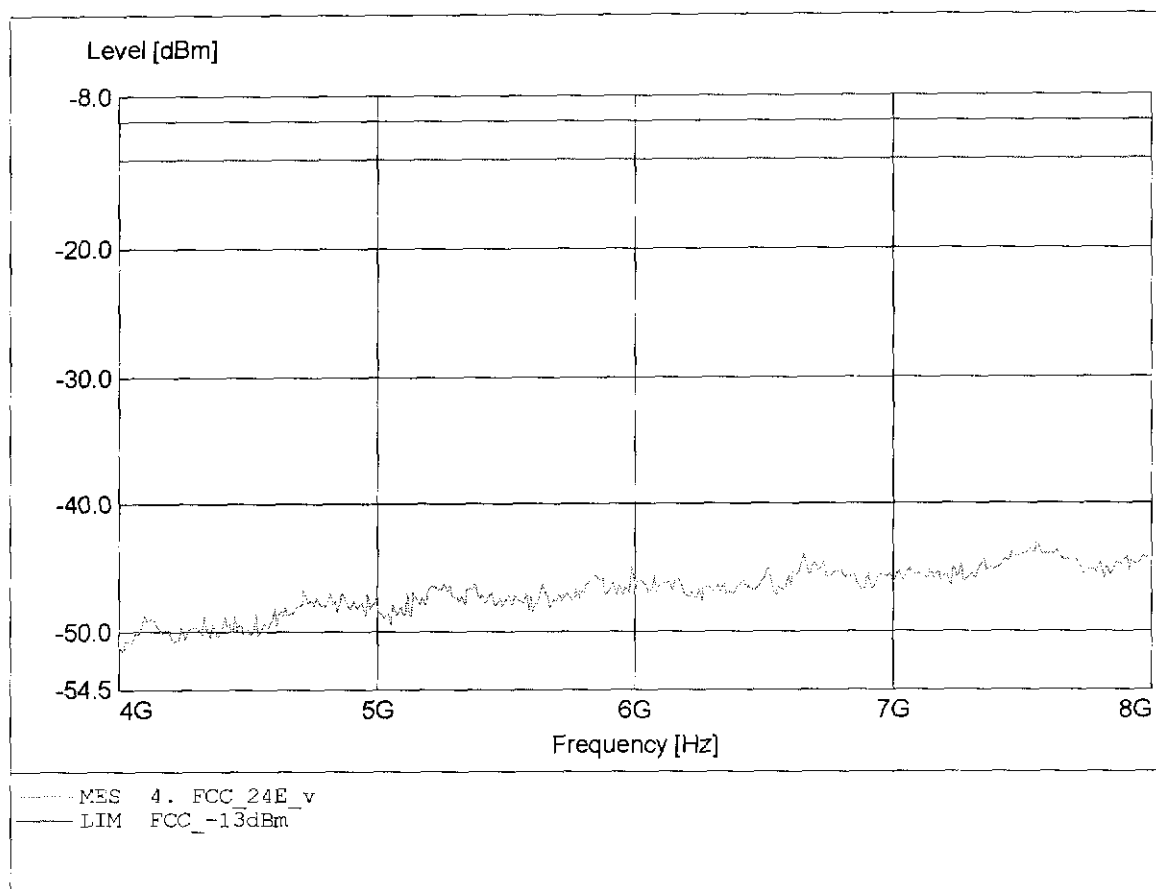
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.992GHz, Pmax: -43.05dBm, RBW: 1MHz



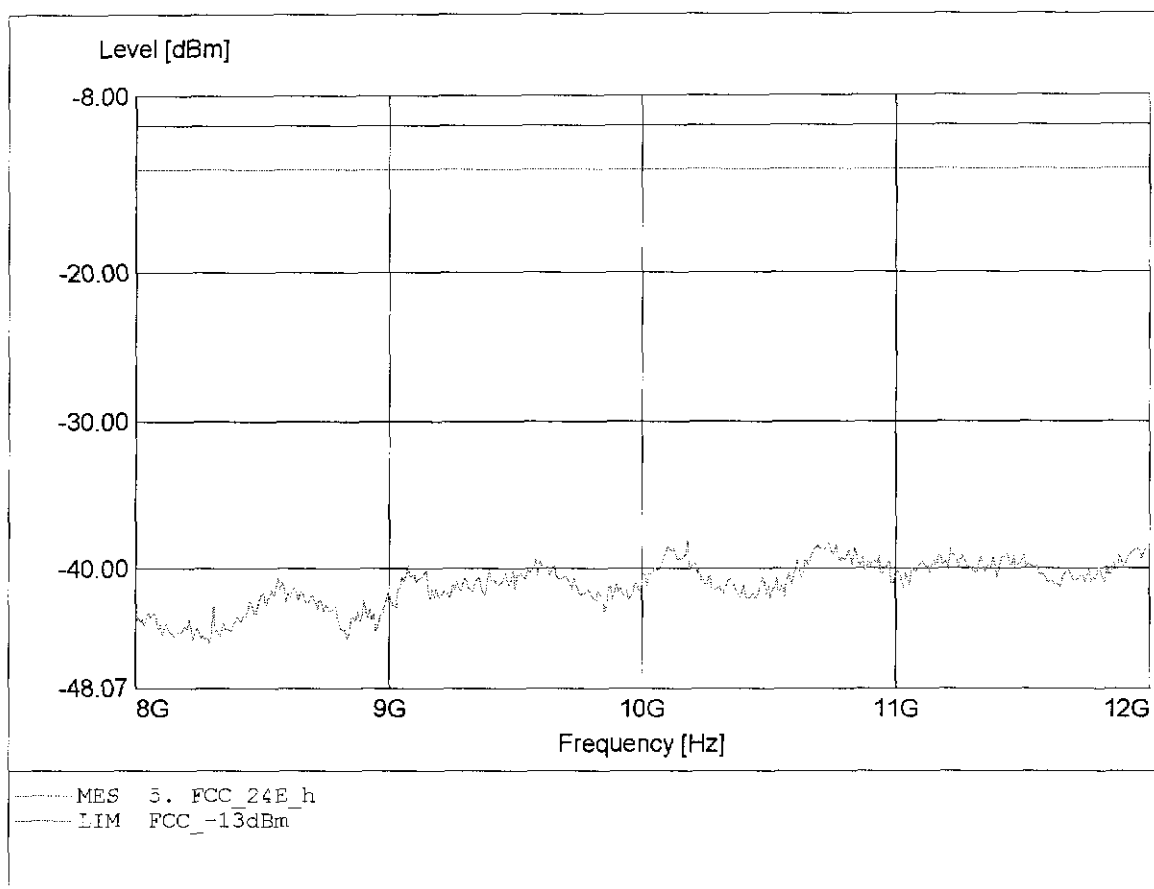
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.551GHz, Pmax: -43.08dBm, RBW: 1MHz



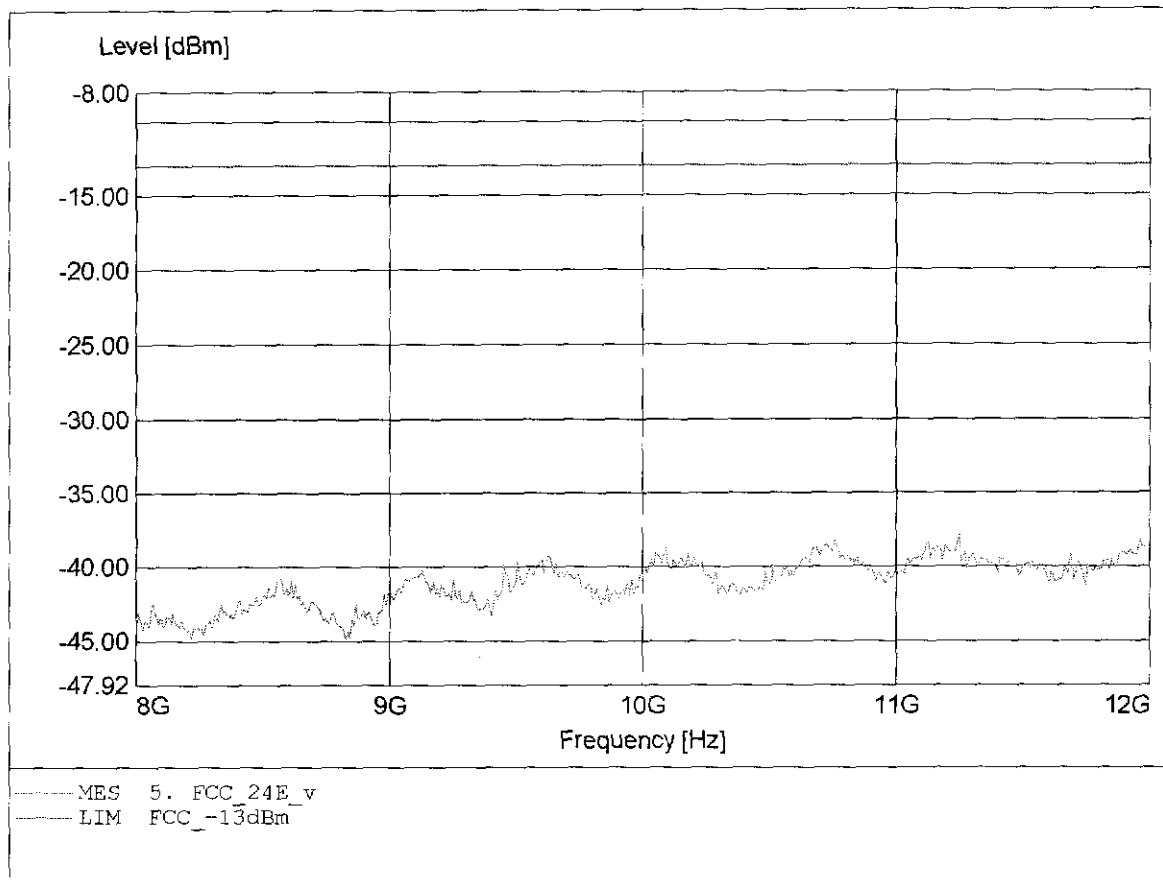
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.180GHz, Pmax: -38.04dBm, RBW: 1MHz



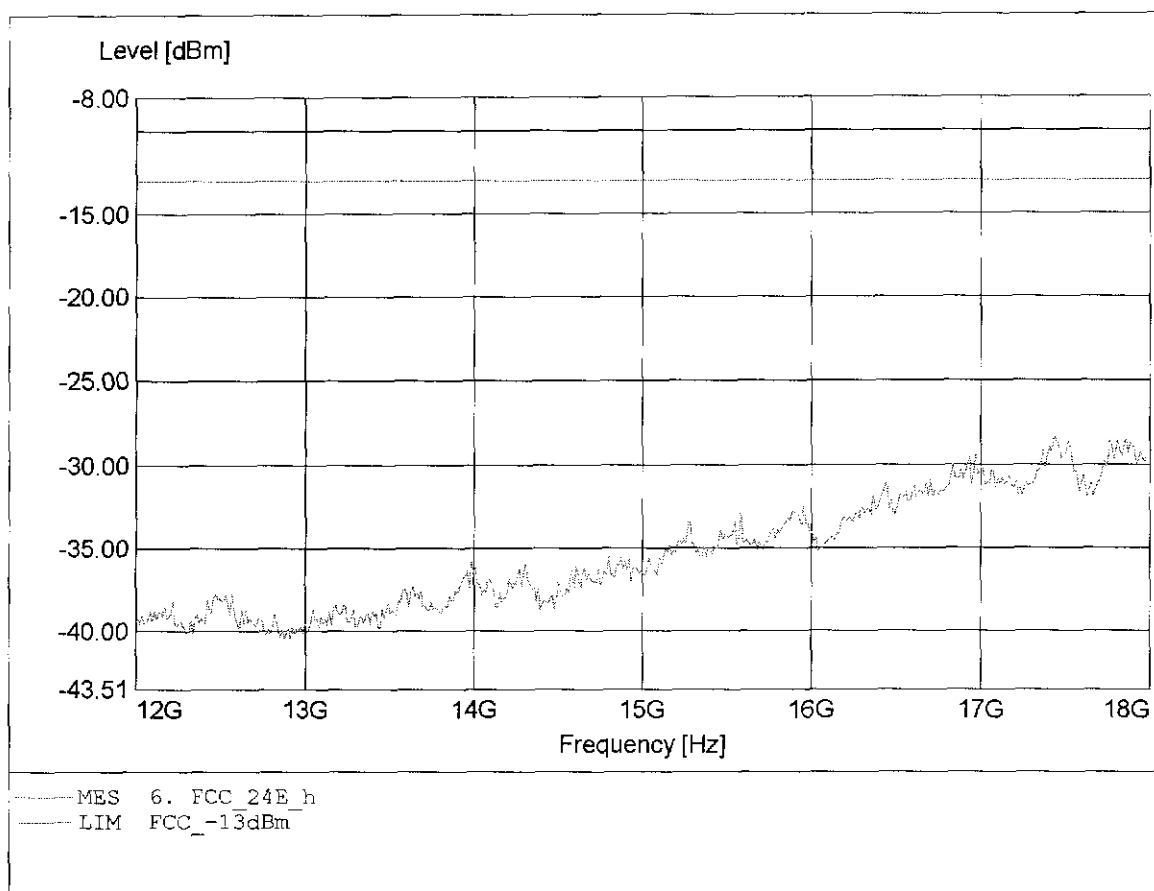
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.246GHz, Pmax: -37.91dBm, RBW: 1MHz



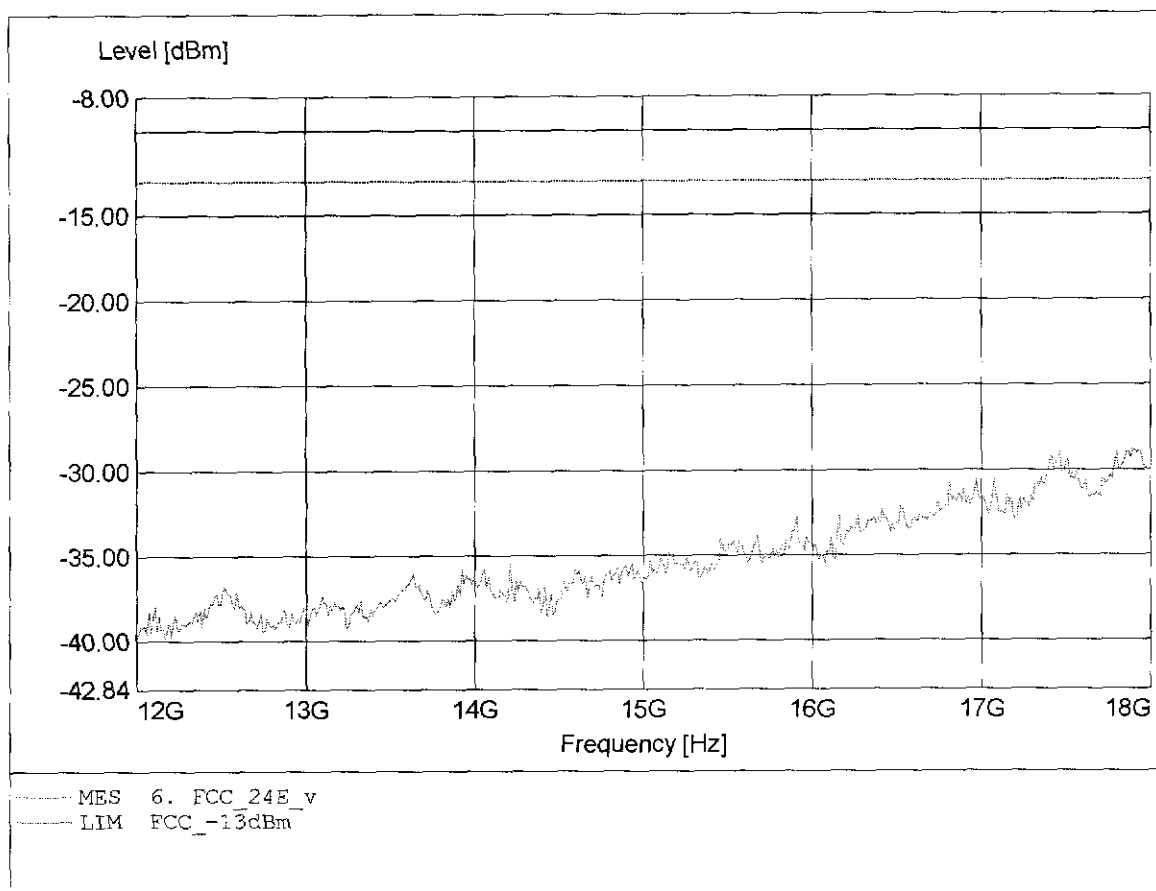
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.435GHz, Pmax: -28.38dBm, RBW: 1MHz



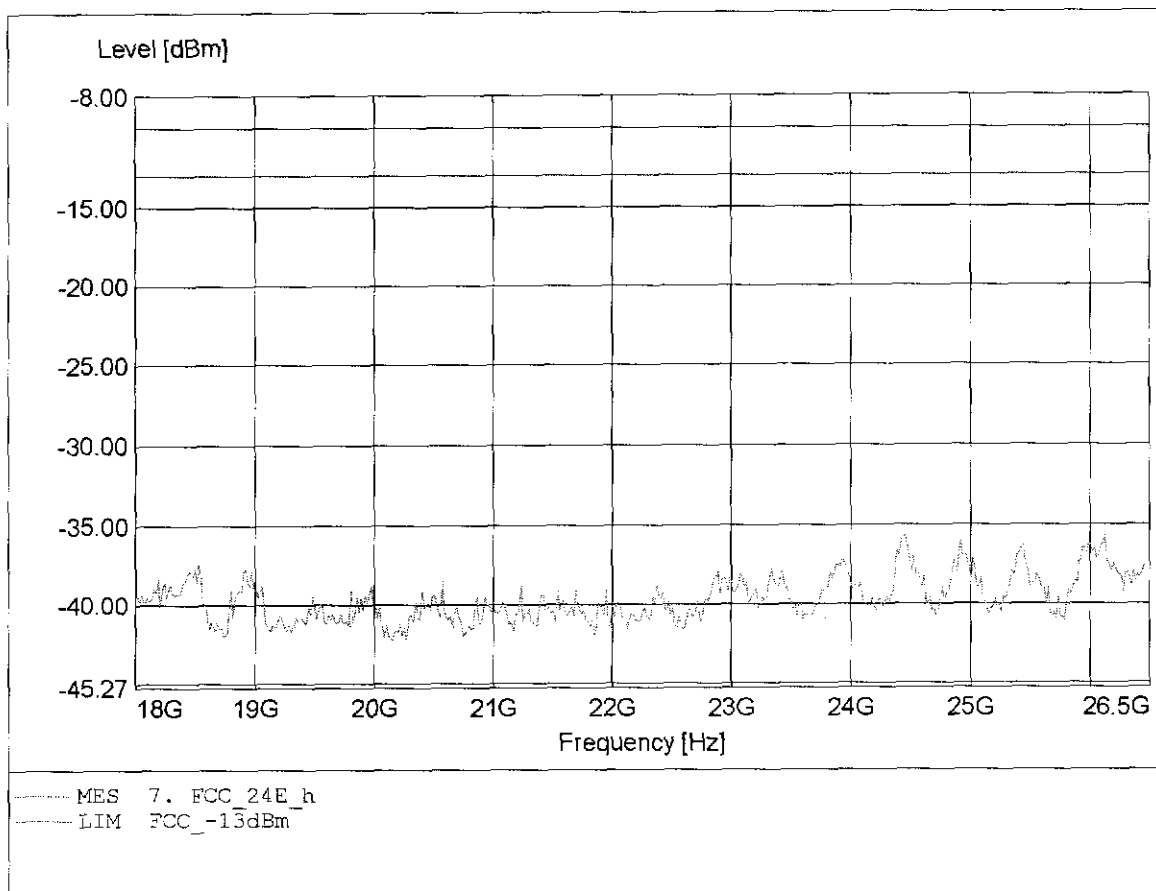
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.892GHz, Pmax: -28.81dBm, RBW: 1MHz



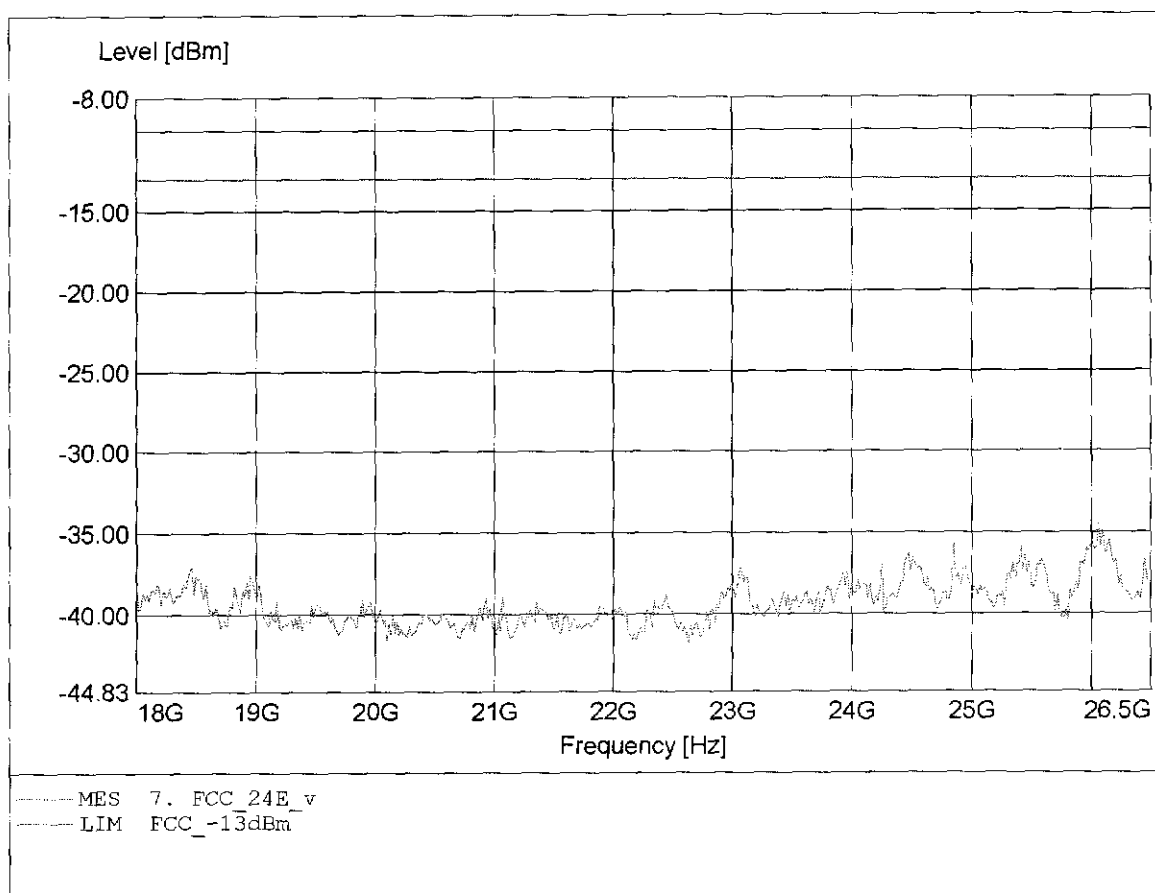
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.439GHz, Pmax: -35.73dBm, RBW: 1MHz



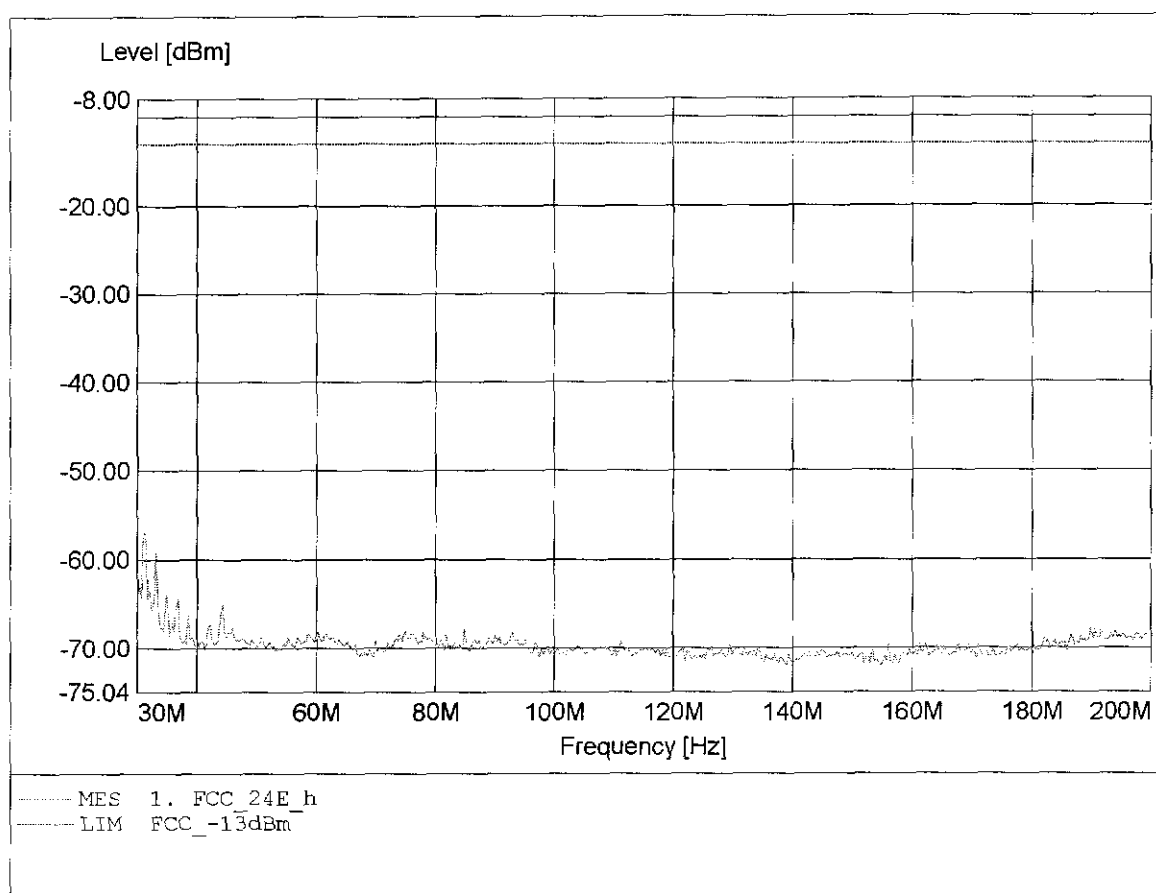
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.057GHz, Pmax: -34.39dBm, RBW: 1MHz



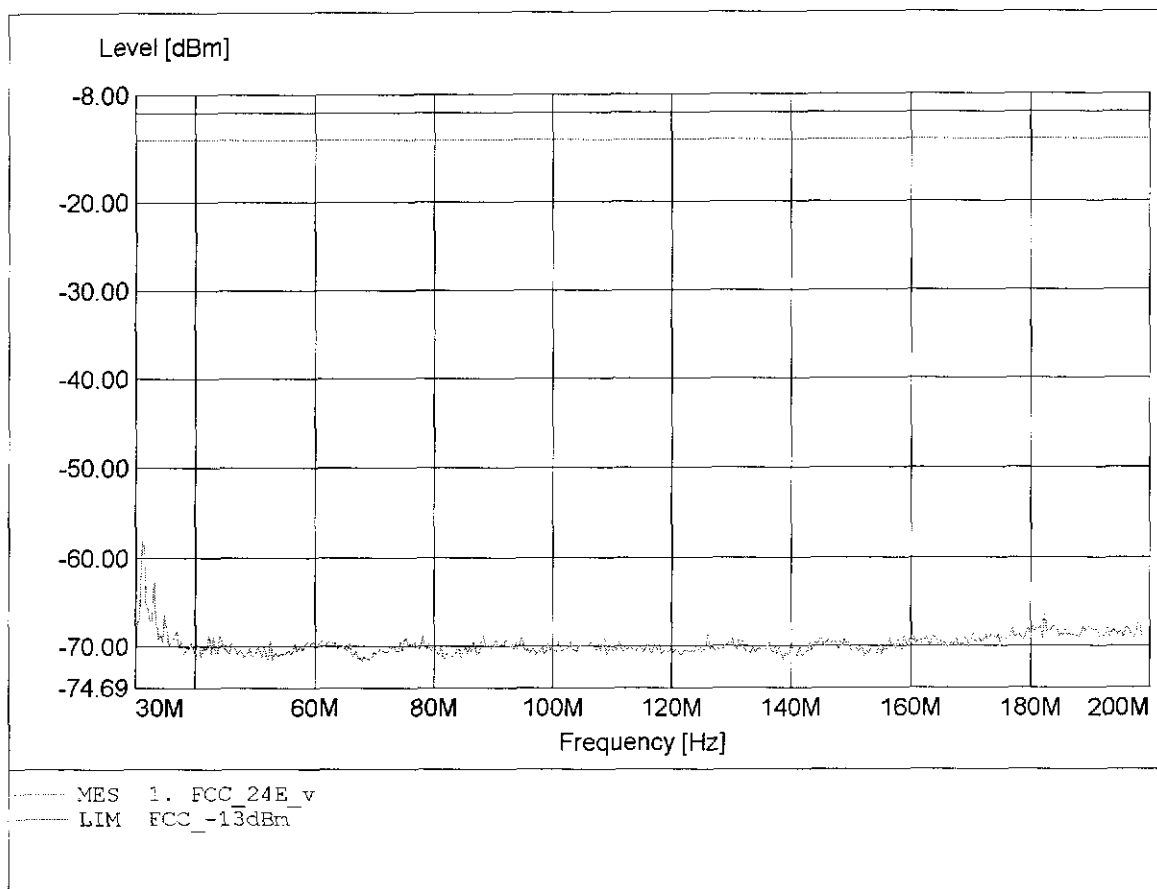
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.022MHz, Pmax: -56.74dBm, RBW: 100kHz



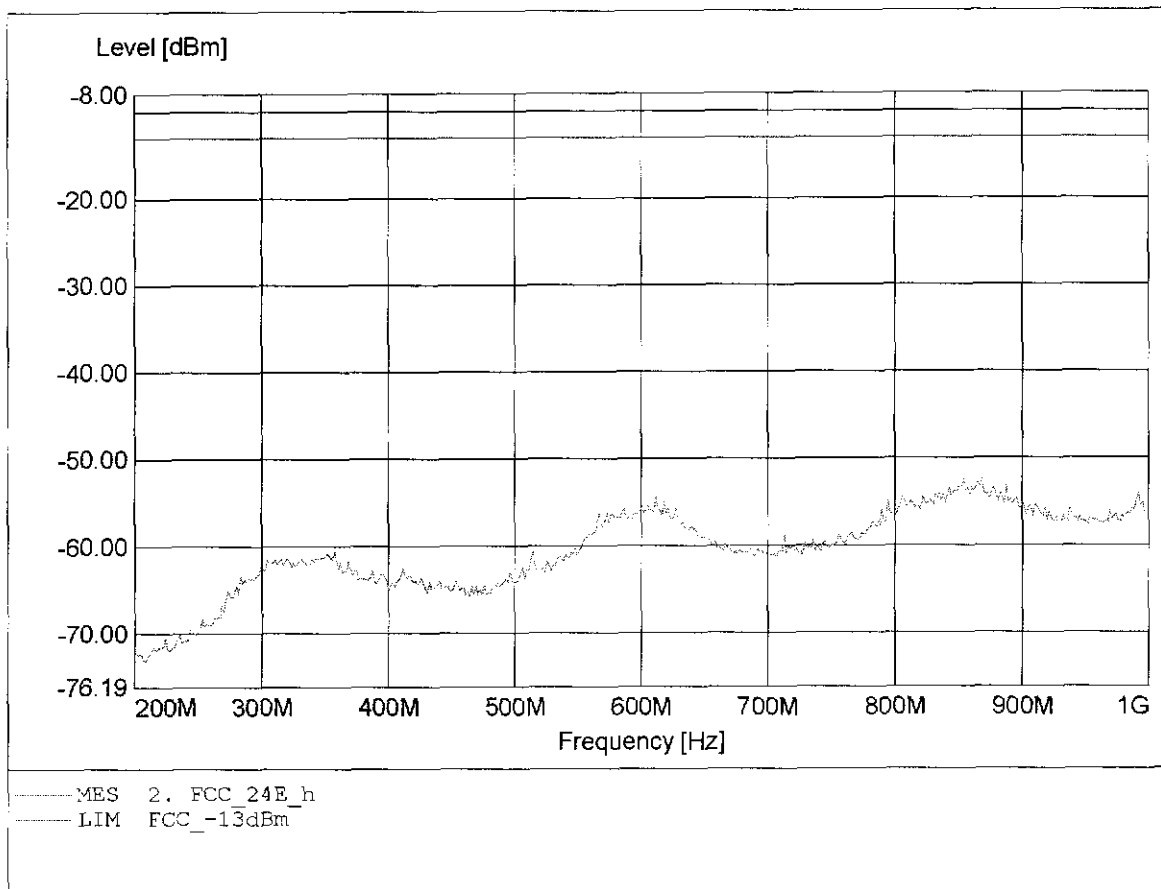
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.022MHz, Pmax: -57.95dBm, RBW: 100kHz



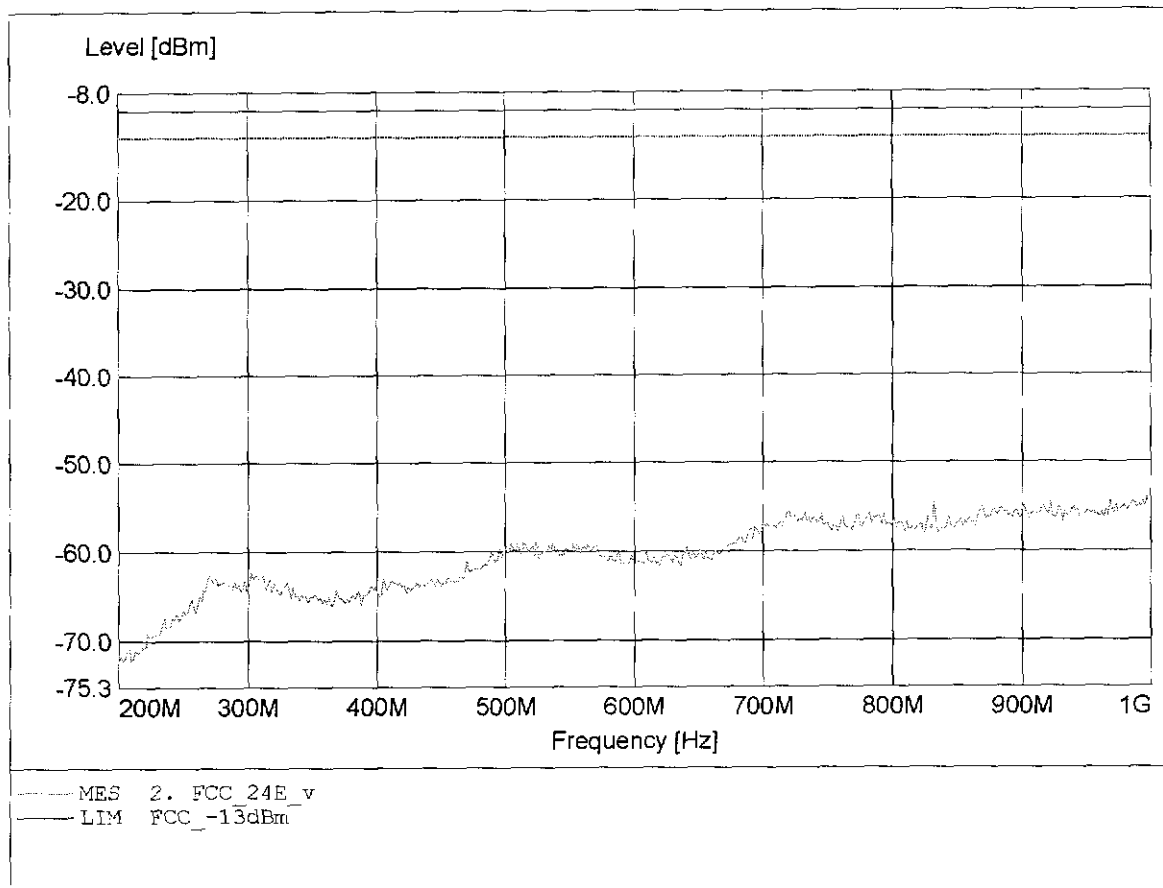
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 868.537MHz, Pmax: -52.40dBm, RBW: 100kHz



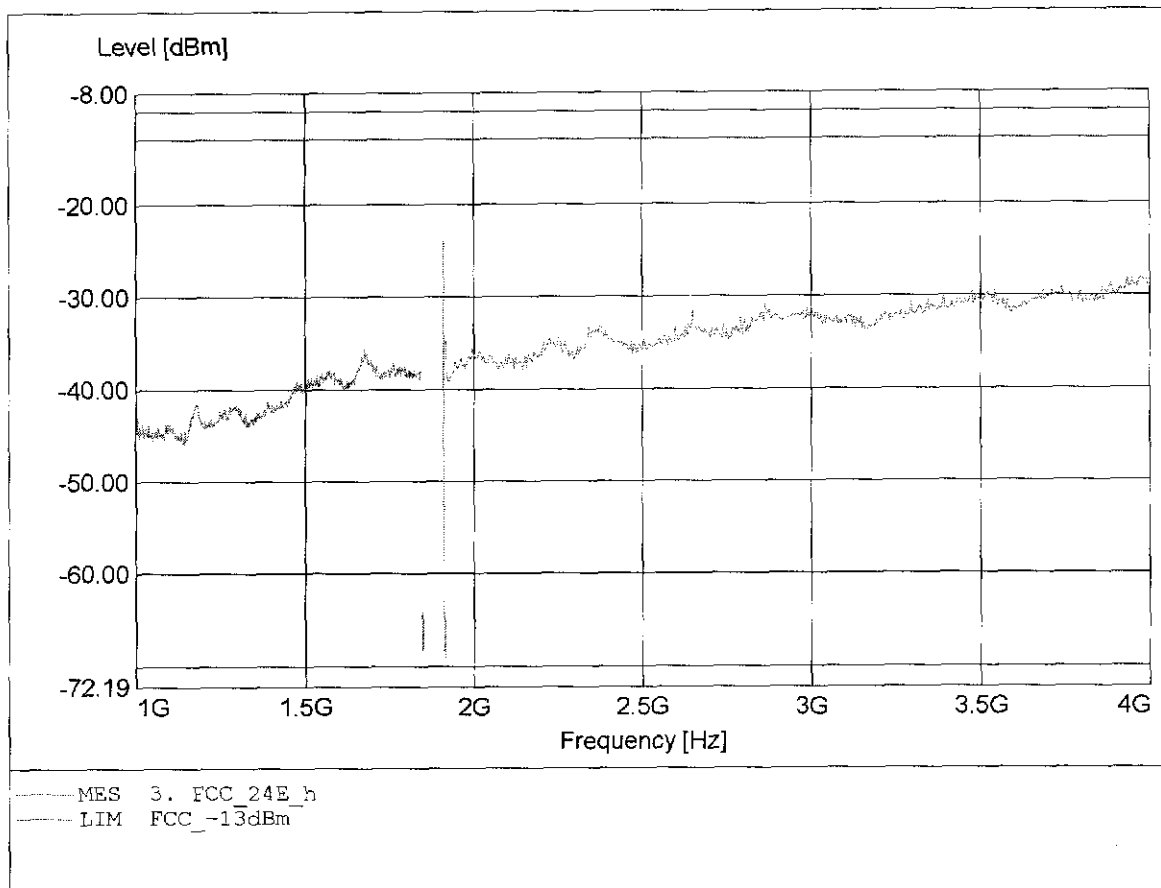
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 996.794MHz, Pmax: -53.99dBm, RBW: 100kHz



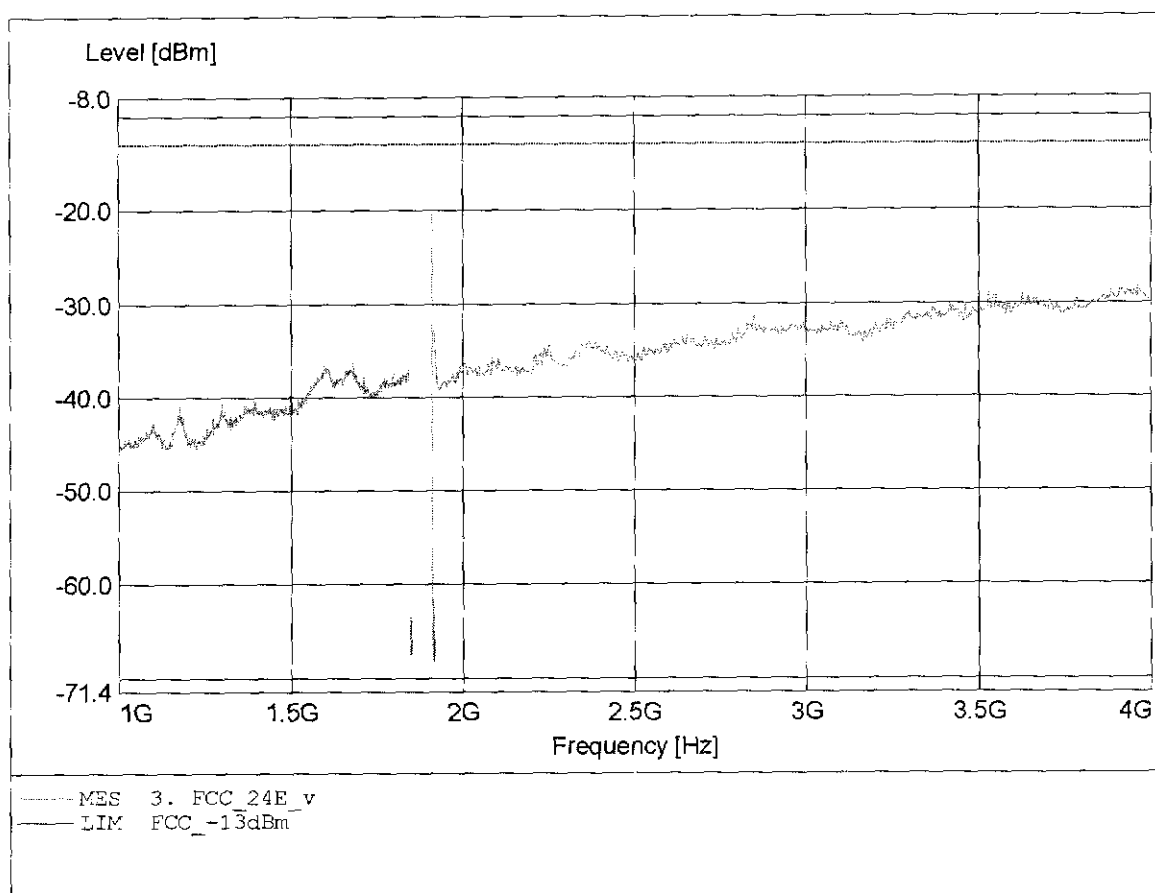
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -24.04dBm, RBW: 1MHz/3kHz



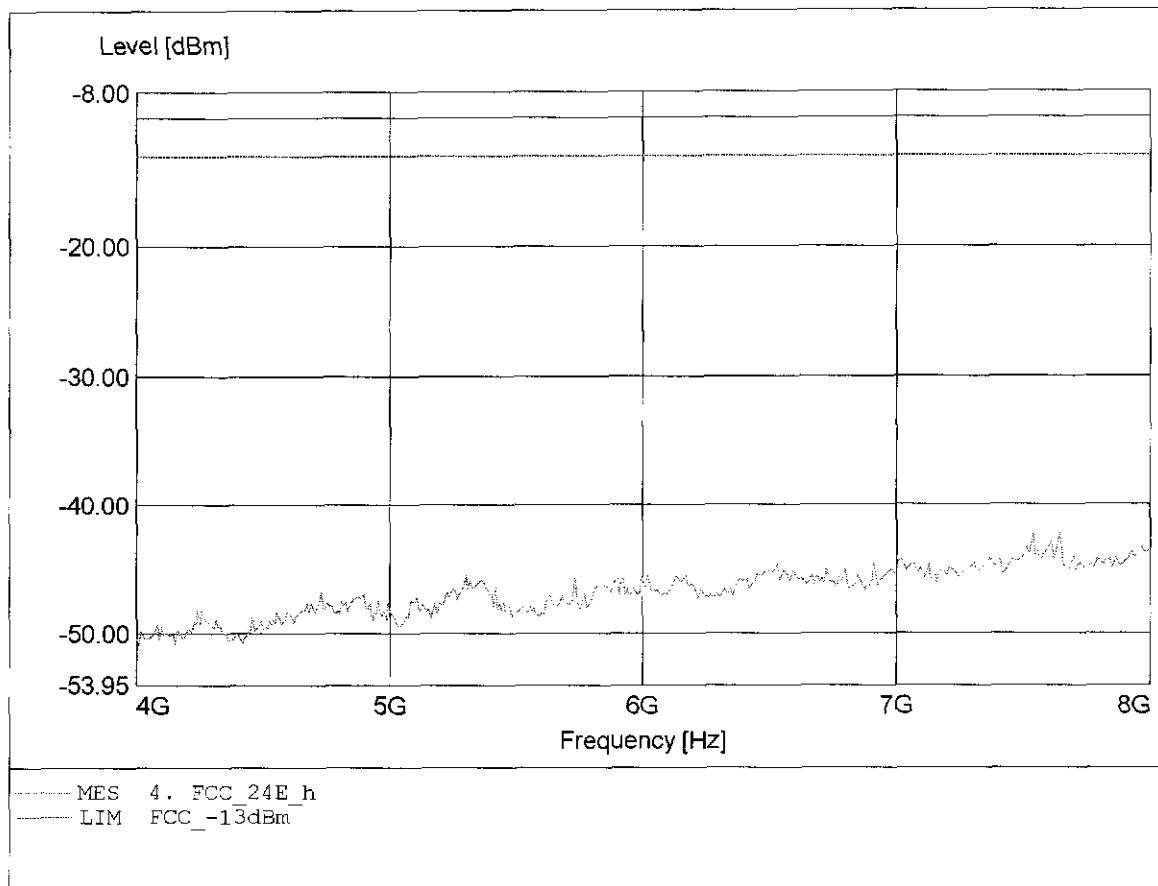
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -20.44dBm, RBW: 1MHz/3kHz



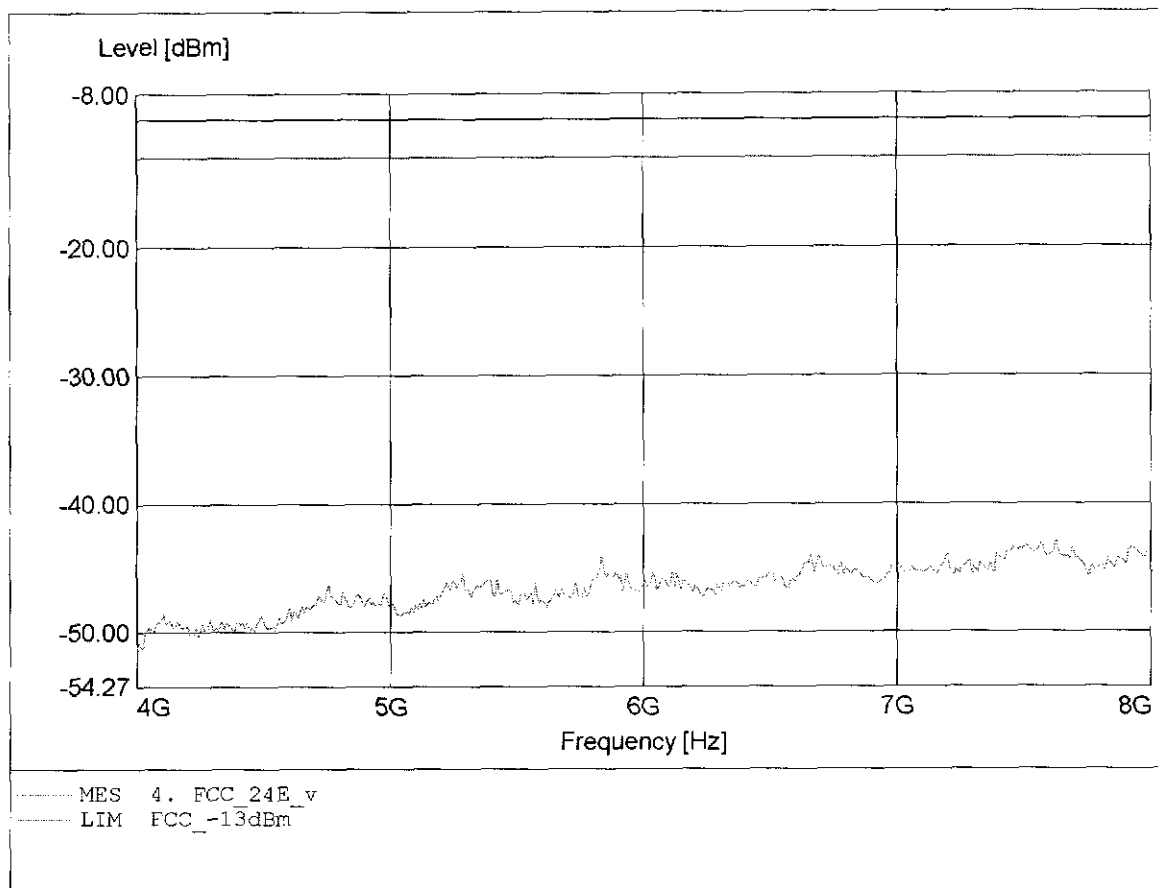
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.639GHz, Pmax: -42.25dBm, RBW: 1MHz



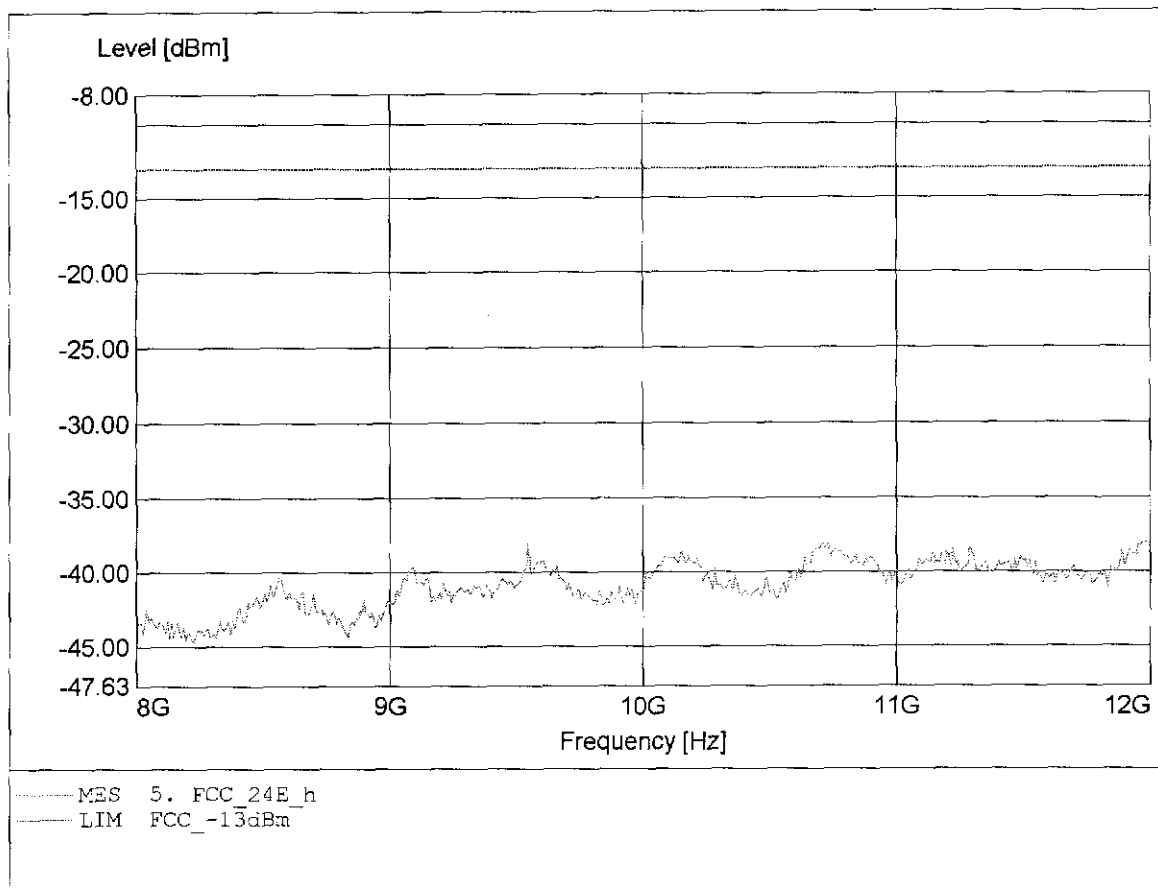
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.623GHz, Pmax: -42.83dBm, RBW: 1MHz



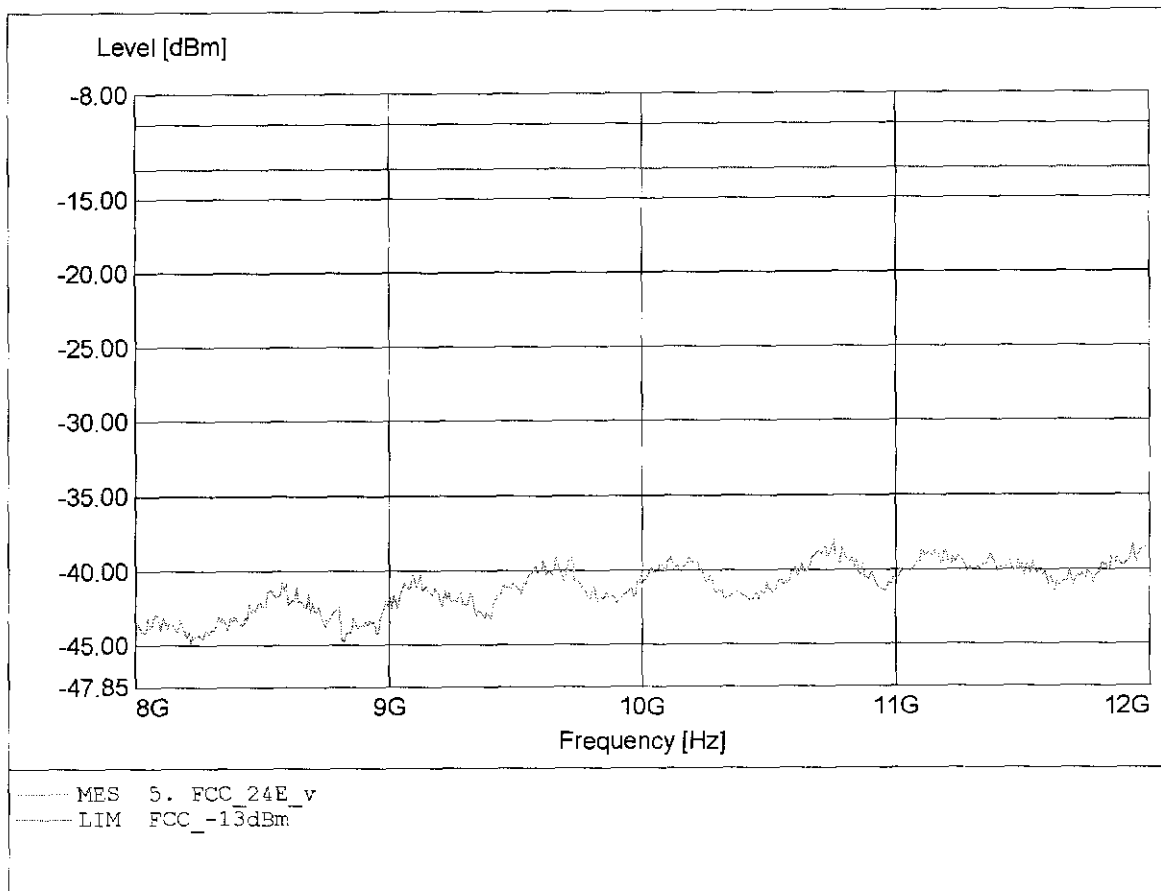
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.709GHz, Pmax: -37.93dBm, RBW: 1MHz



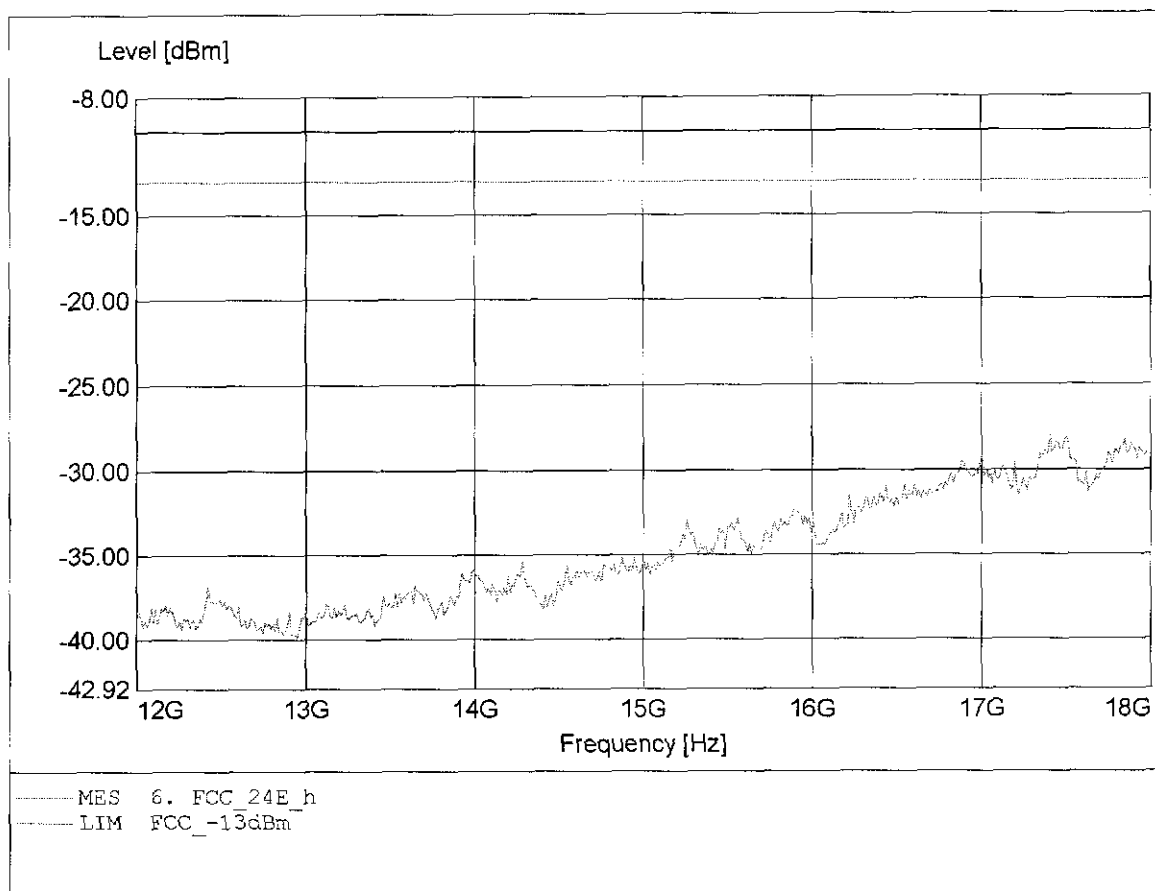
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.758GHz, Pmax: -38.02dBm, RBW: 1MHz



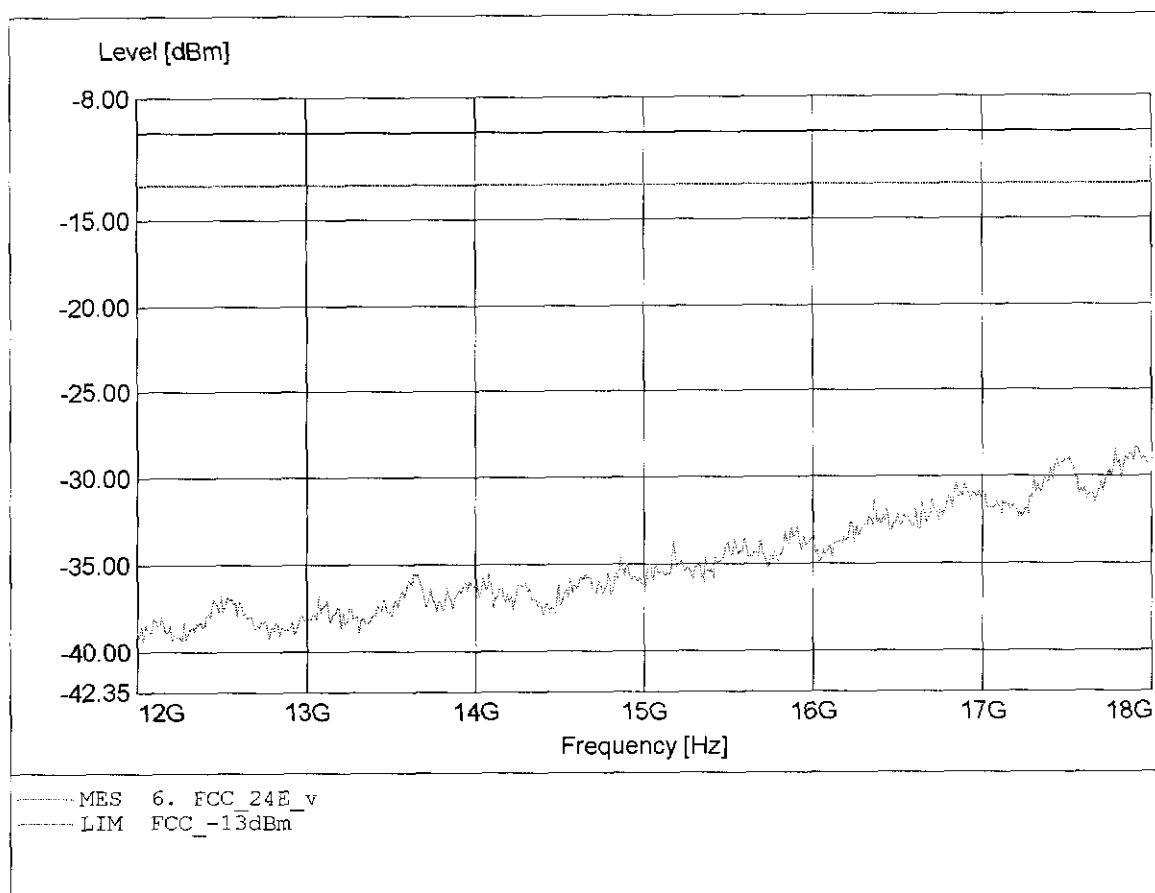
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.399GHz, Pmax: -27.97dBm, RBW: 1MHz



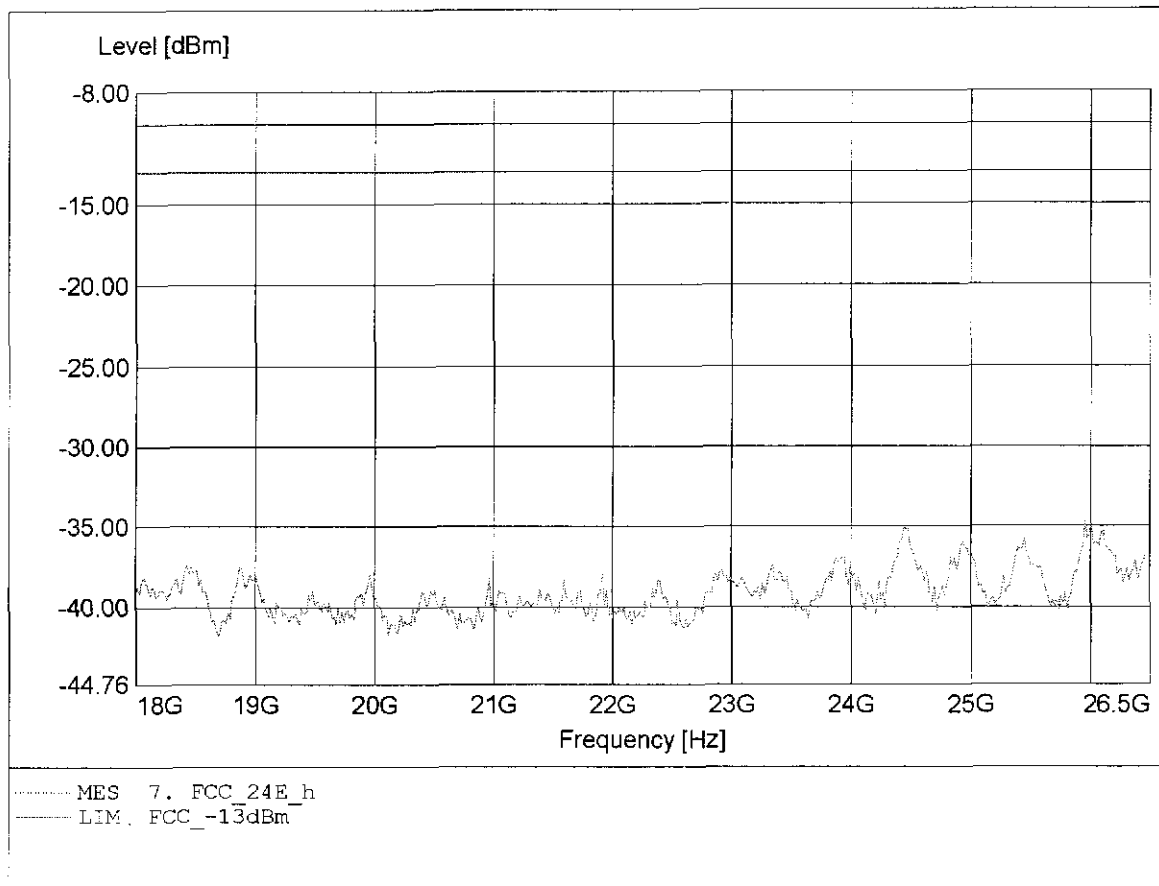
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.904GHz, Pmax: -28.33dBm, RBW: 1MHz



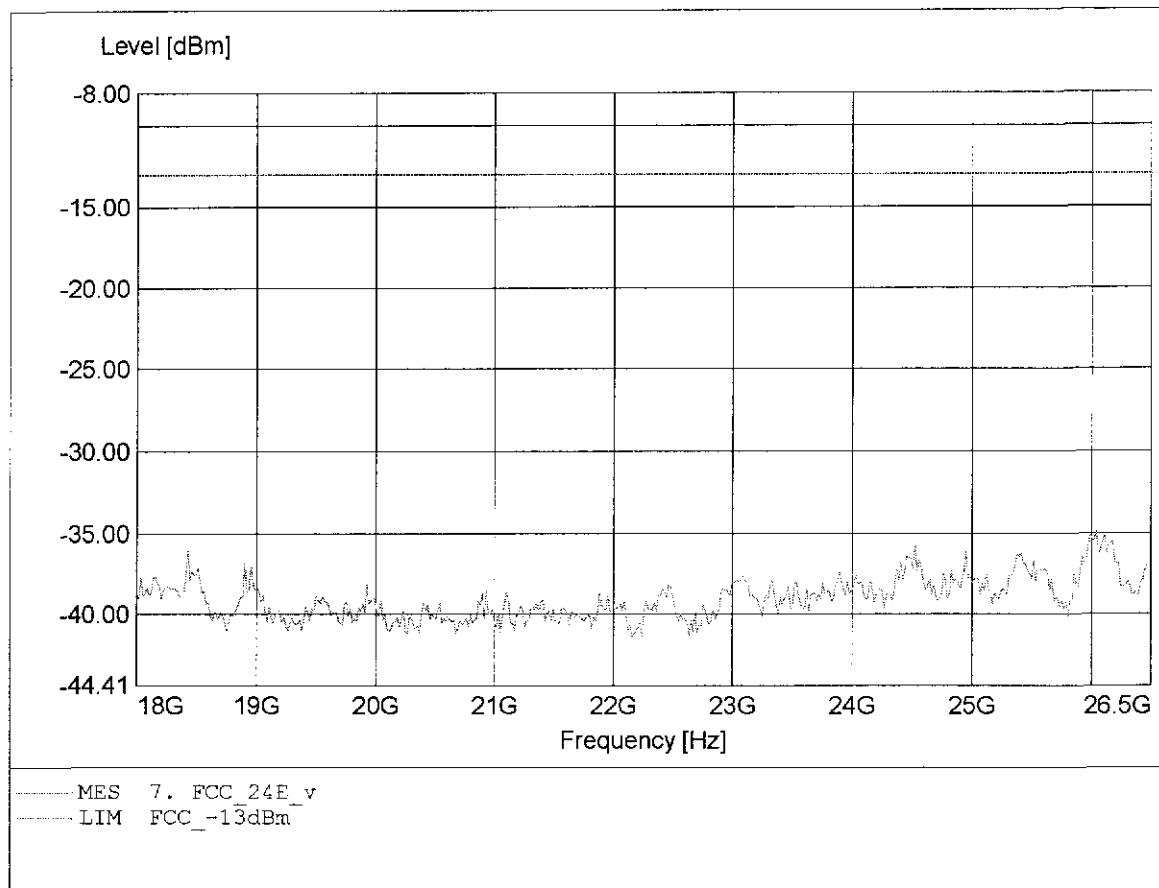
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.955GHz, Pmax: -34.67dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech Co., Ltd.
EUT: Quad Band GSM 850/900 (E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model / Channel: C510 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 3.7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.040GHz, Pmax: -34.85dBm, RBW: 1MHz

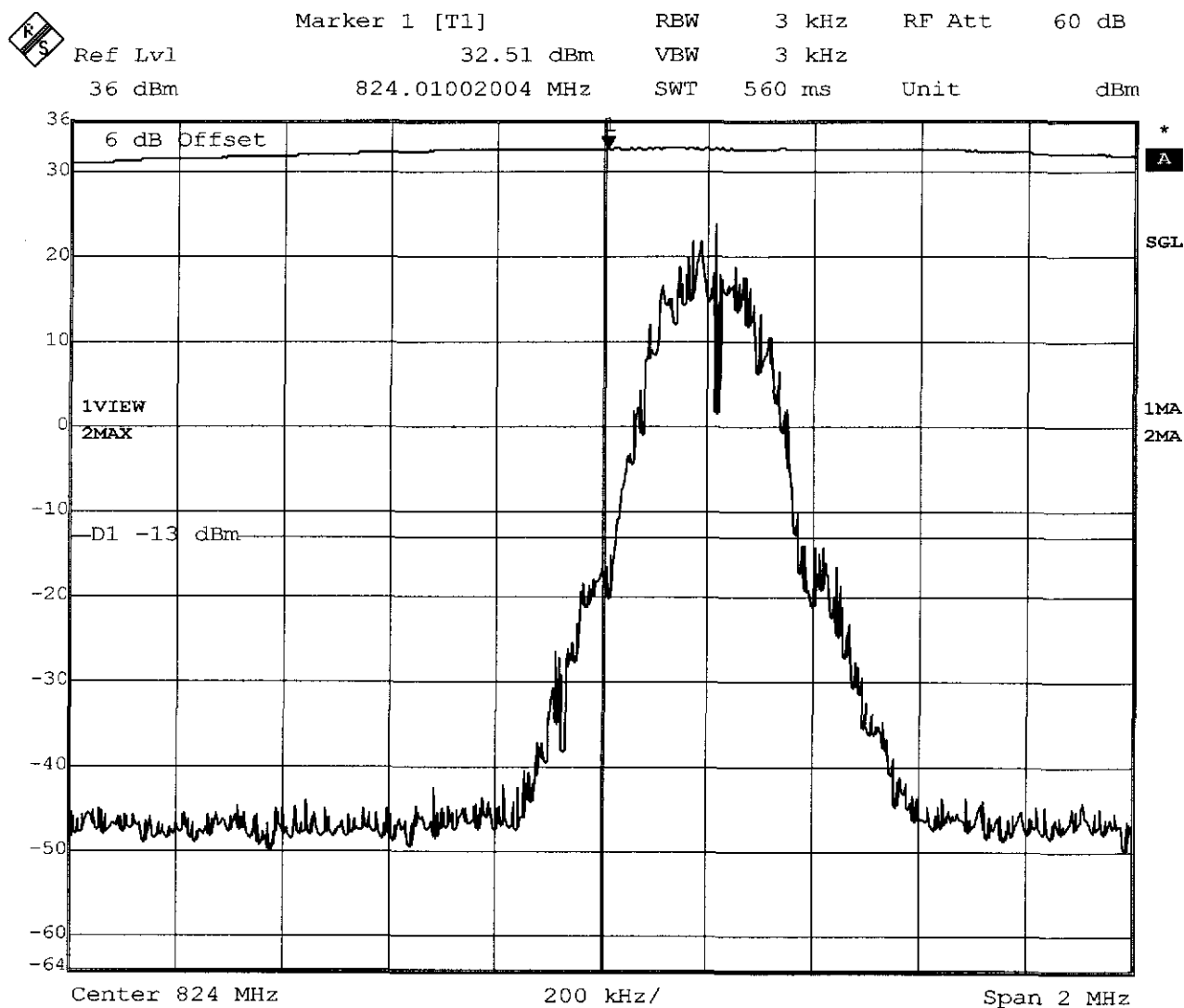


Appendix H

Block edge compliance

FCC Part 22 H
Lower band edge

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:32:22

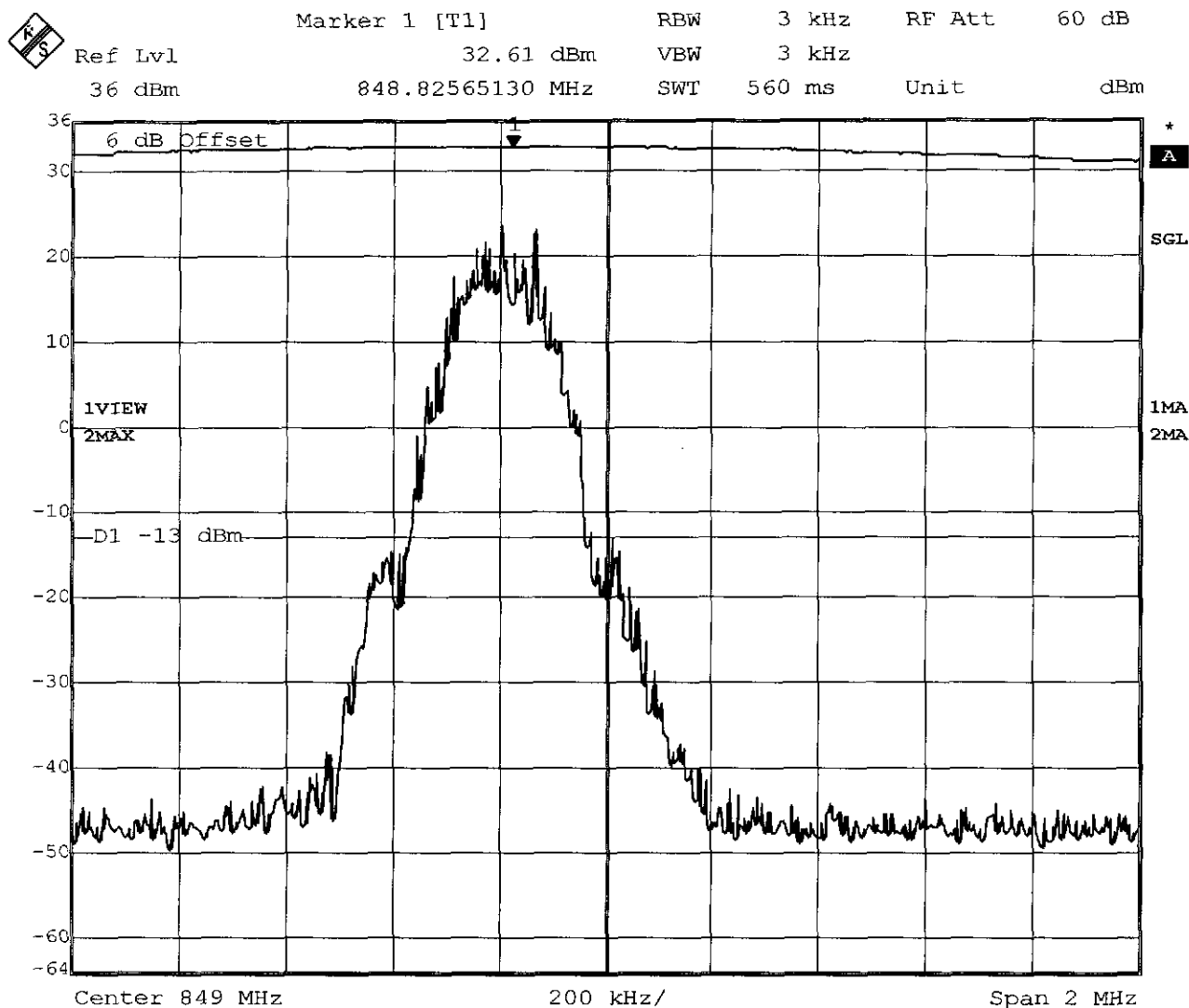
Measurement diagram

ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 22 H
Higher band edge

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:33:06

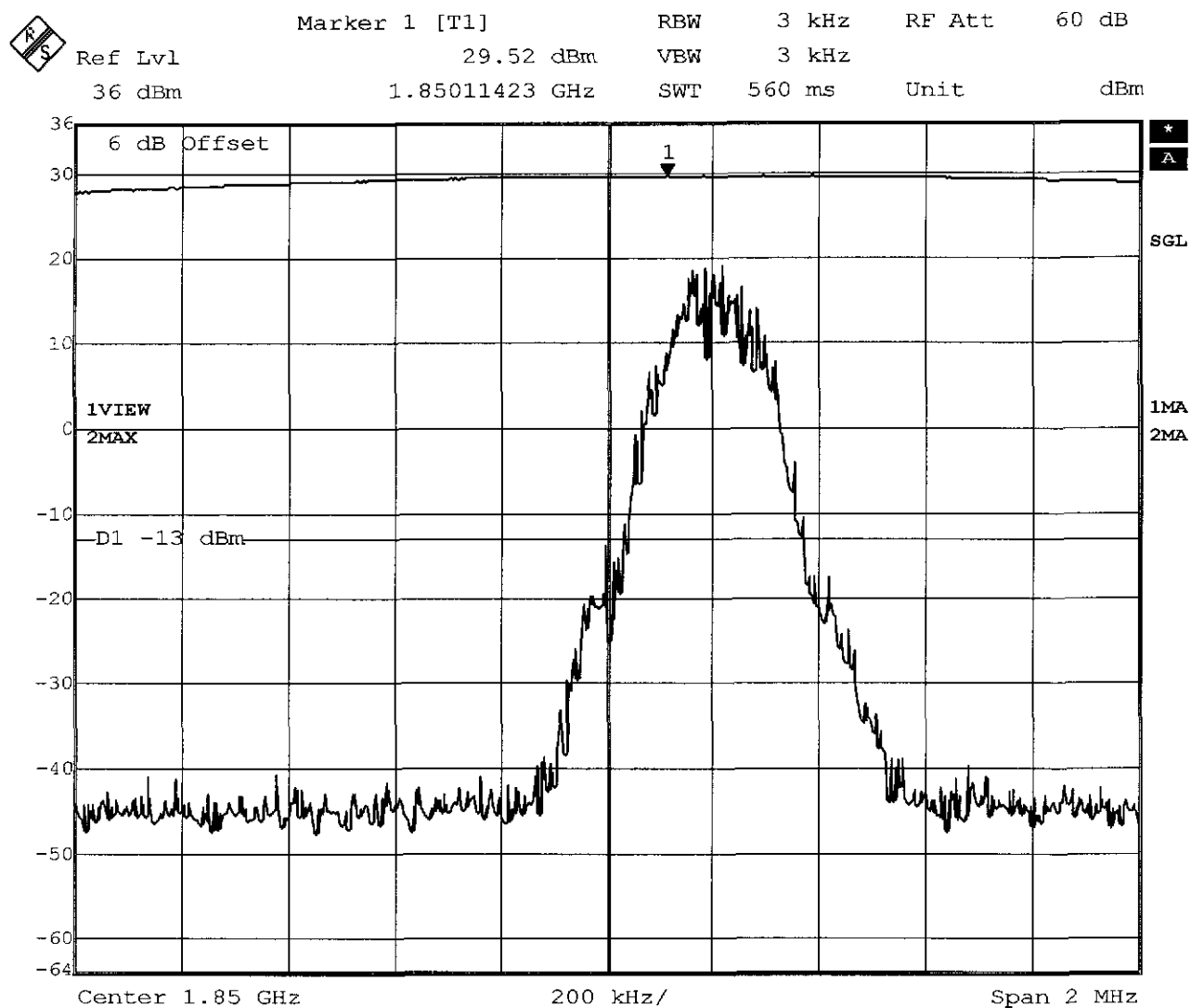
Measurement diagram

 ETS Product Service AG
 Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 24 E
Lower Block edge

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 512
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:41:34

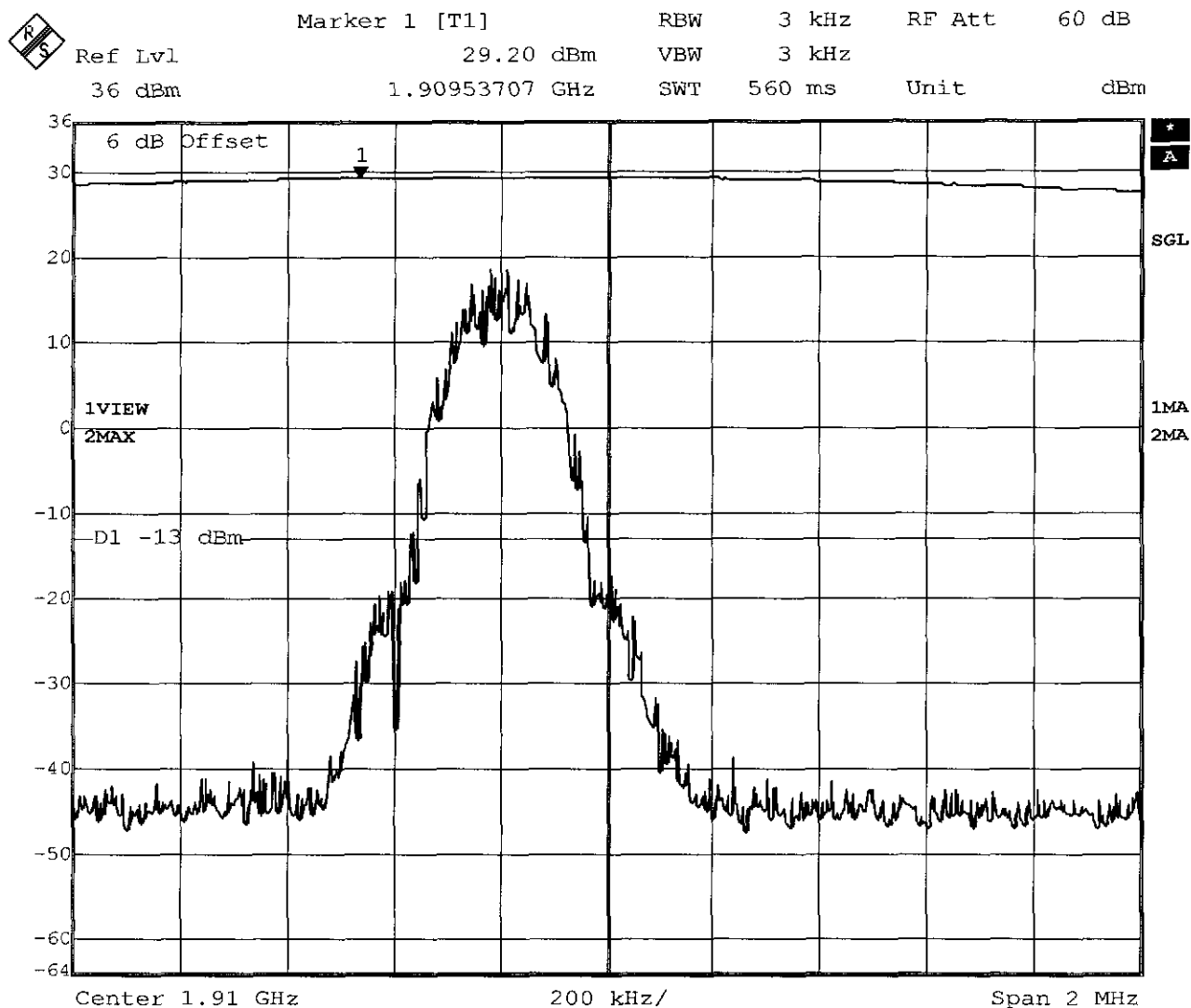
Measurement diagram

ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC Part 24 E
Higher Block edge

EUT	Quad Band GSM 850/900(E-GSM)/DCS1800/1900 (with WAP & GPRS)
Model	C510
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	23°C / Unom.: 3.7 V DC
Test Site / Operator	ETS / Mr. Meng
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 810
Comment 2	
Comment 3	



Date: 12.JAN.2007 14:47:43

Measurement diagram

ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

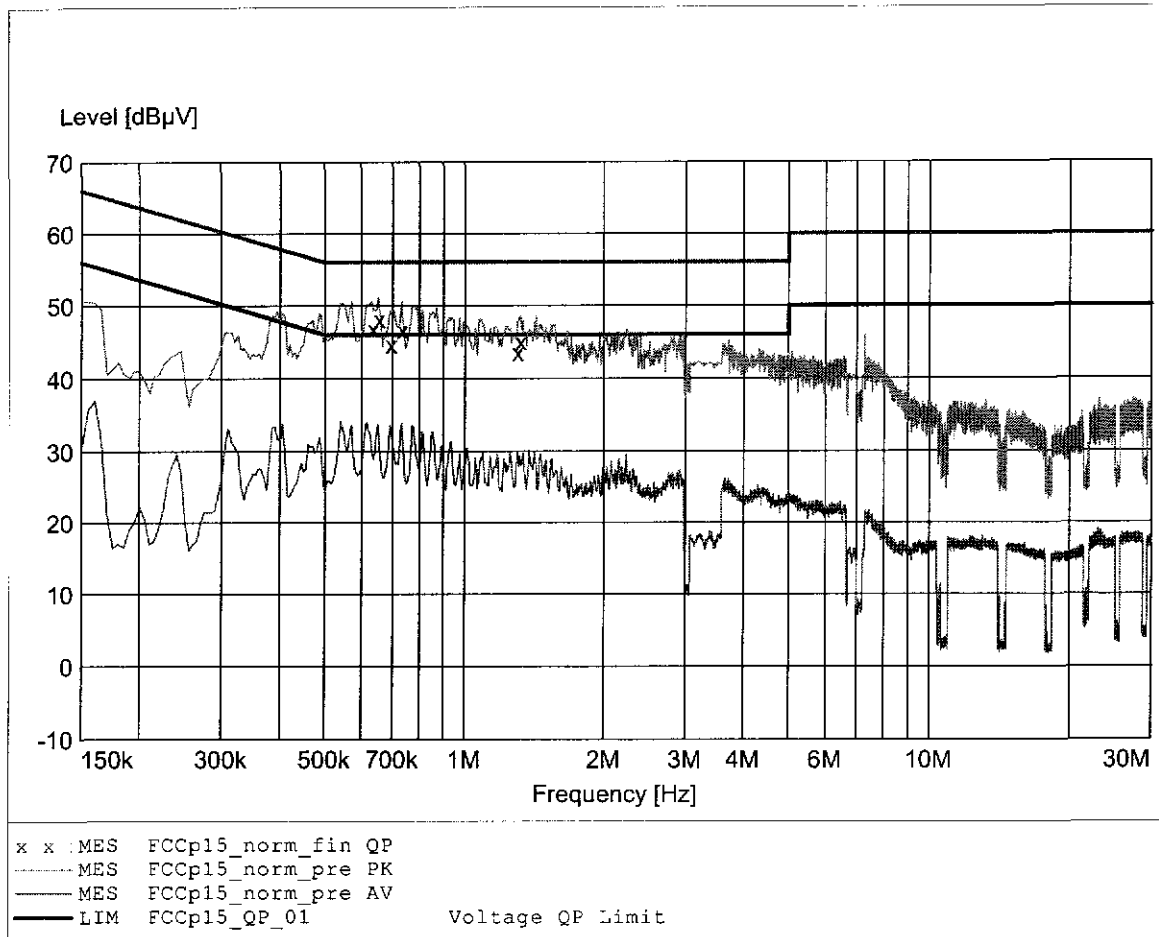
Page 1 of 1

Appendix I

AC power line conducted emissions

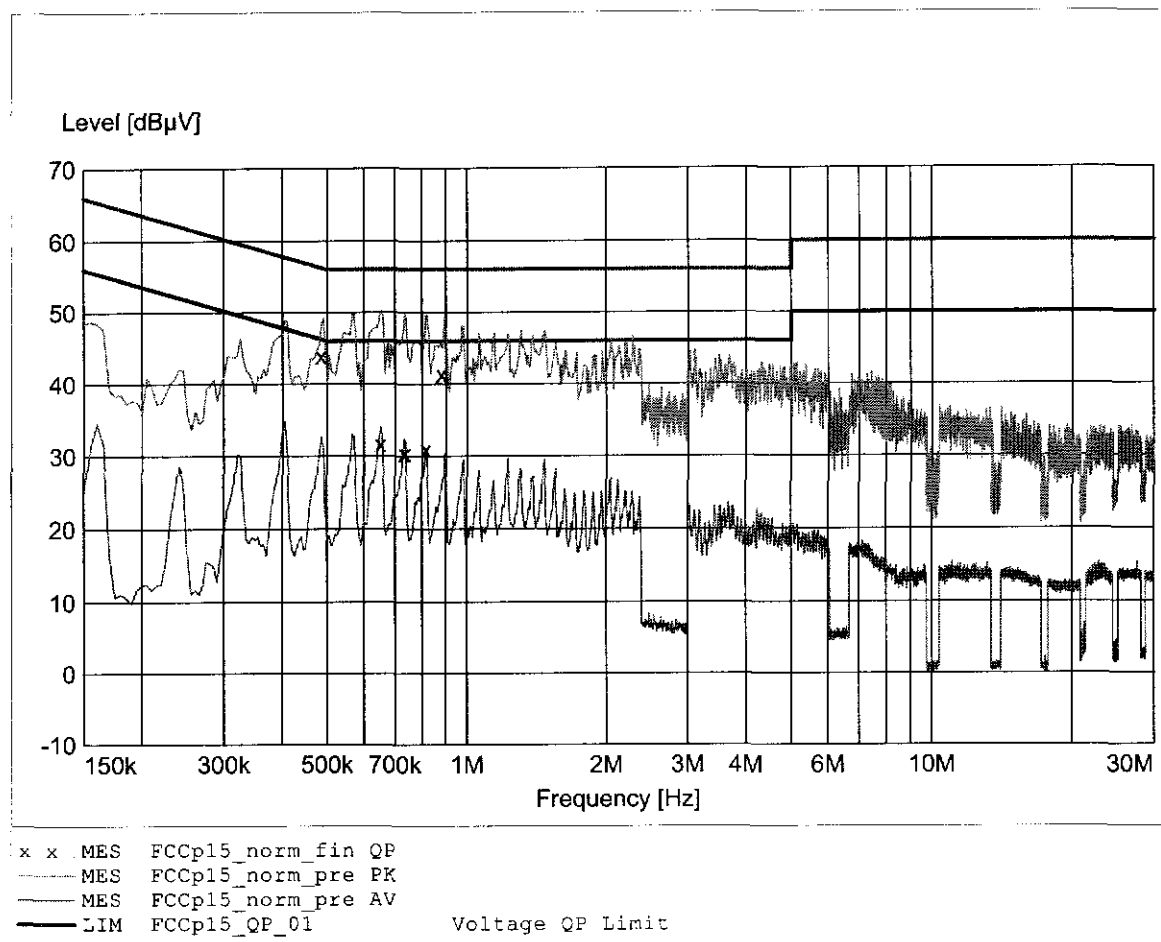
EMI voltage test in the ac-mains according to FCC part 15

EUT: QUAD BAND GSM850/900 (E-GSM)/DCS1800/PCS1900 (WITH WAP&GPRS)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR), Tnom: 23°C
Test Site: ETS
Operator: Mr. Schlaps
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: C510 mode: CHARGING AND GSM LINK
ADAPTOR: PTA-5070C9EU



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

EUT: QUAD BAND GSM850/900 (E-GSM)/DCS1800/PCS1900 (WITH WAP&GPRS)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR), Tnom: 23°C
Test Site: ETS
Operator: Mr. Schlaps
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: C510 mode: CHARGING AND GSM LINK
ADAPTOR: PTA-5070C9EU



Appendix J

Receiver radiated emission