

Appendix B

RF power output conducted

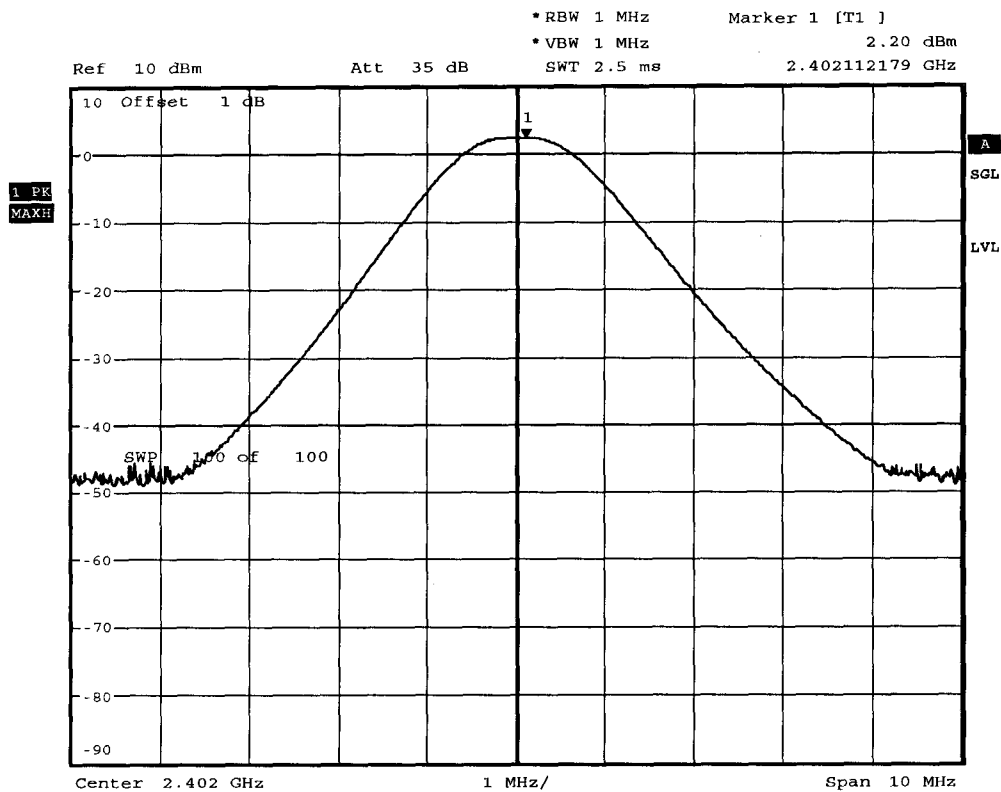
Appendix C

RF power output radiated (EIRP)

FCC part 15.247

Peak output power conducted

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel: 0 / 2402 MHz
Comment 3	



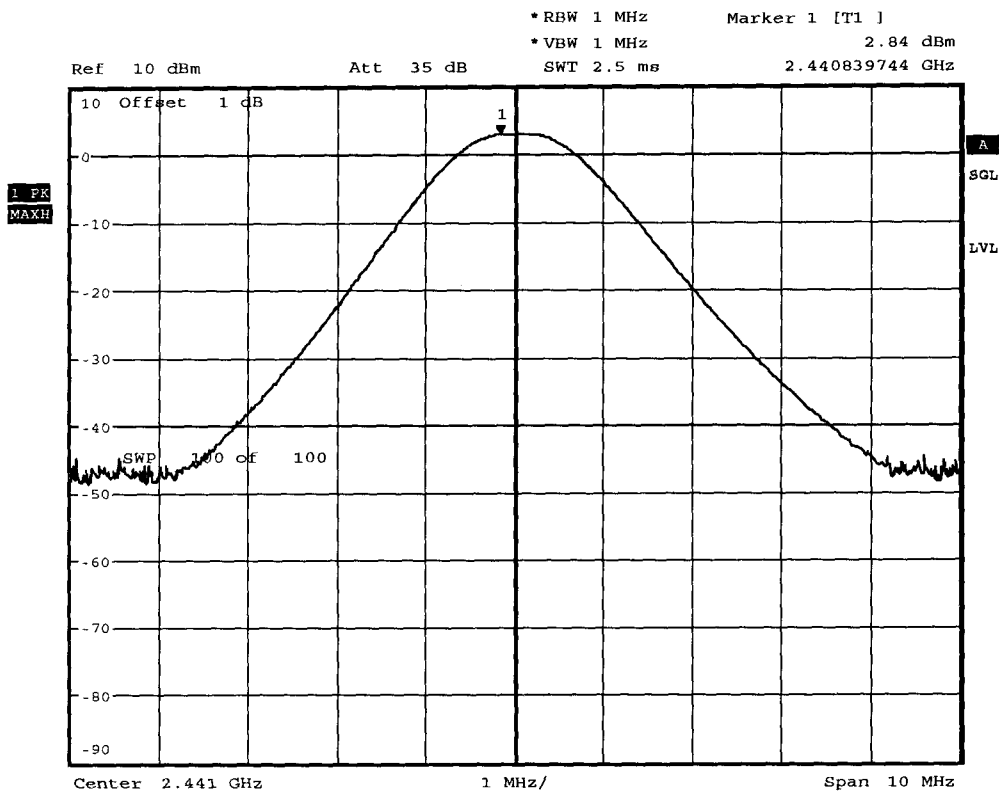
Date: 12.MAY.2006 06:20:05

Measurement diagram

FCC part 15.247

Peak output power conducted

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



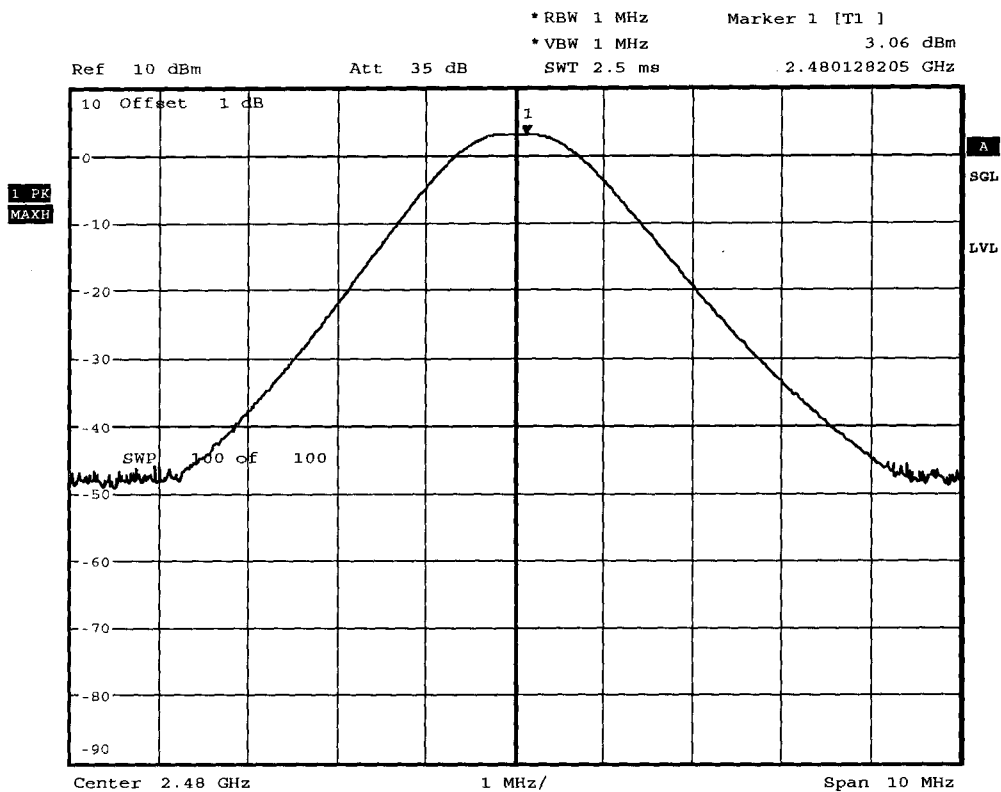
Date: 12.MAY.2006 06:24:53

Measurement diagram

FCC part 15.247

Peak output power conducted

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel: 78 / 2480 MHz
Comment 3	



Date: 12.MAY.2006 06:26:16

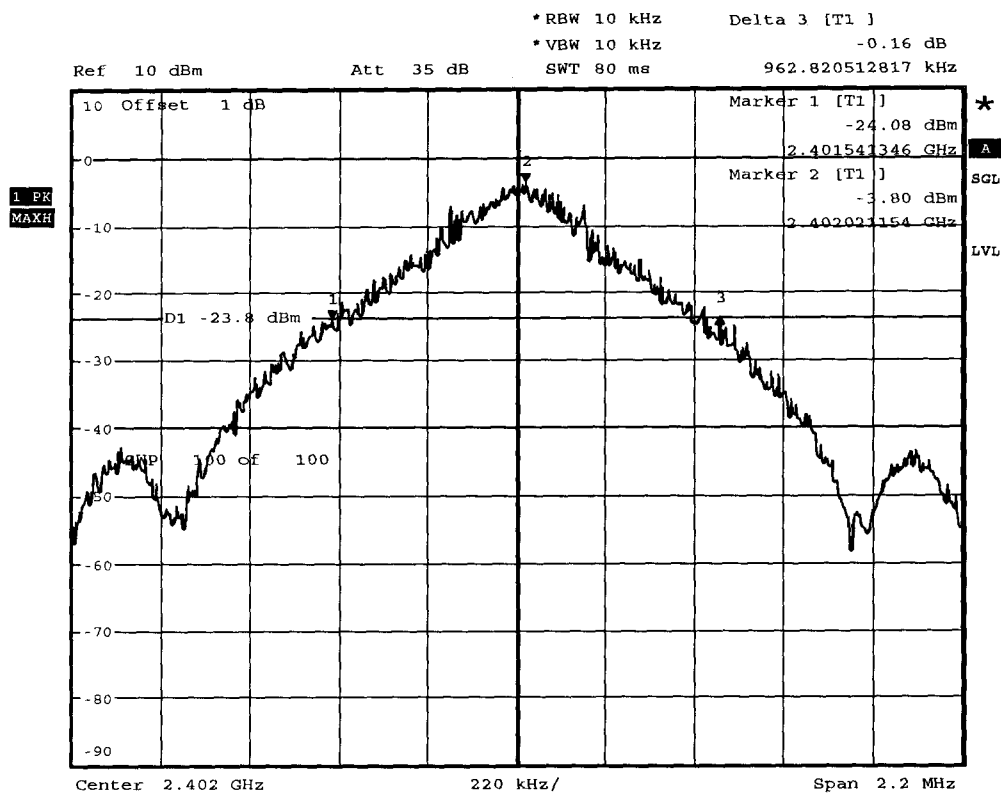
Measurement diagram

Appendix D

20 dB bandwidth

FCC part 15.247
20 dB bandwidth

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel: 0 / 2402 MHz
Comment 3	

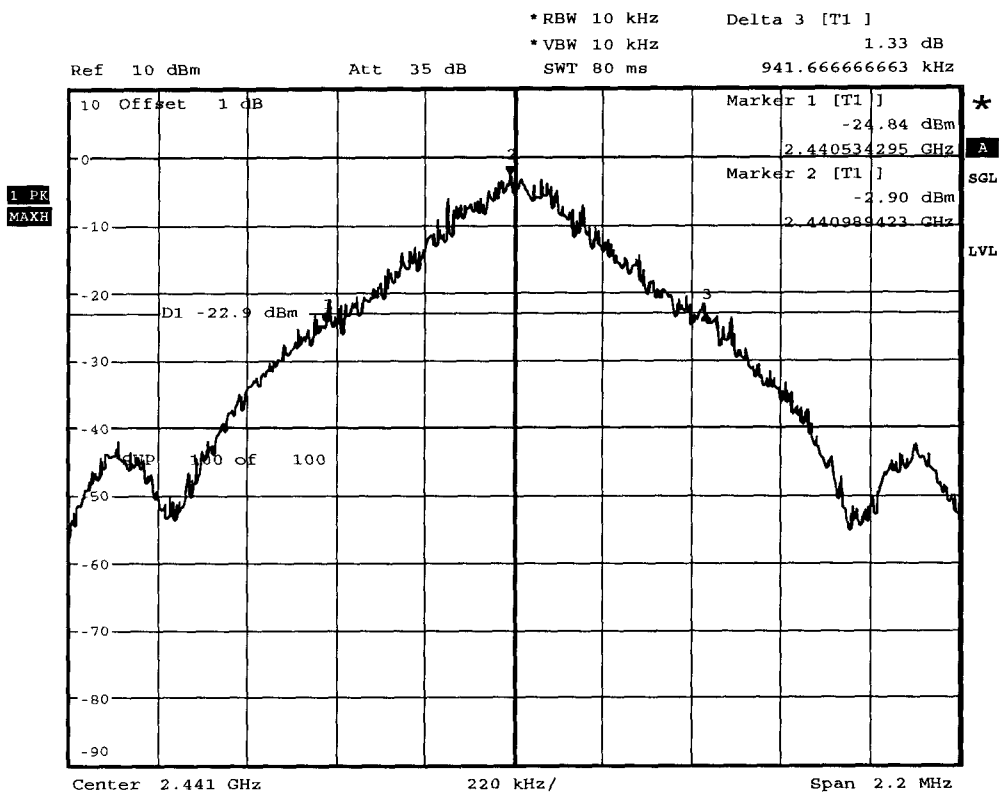


Date: 12.MAY.2006 06:31:21

Measurement diagram

FCC part 15.247
20 dB bandwidth

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	

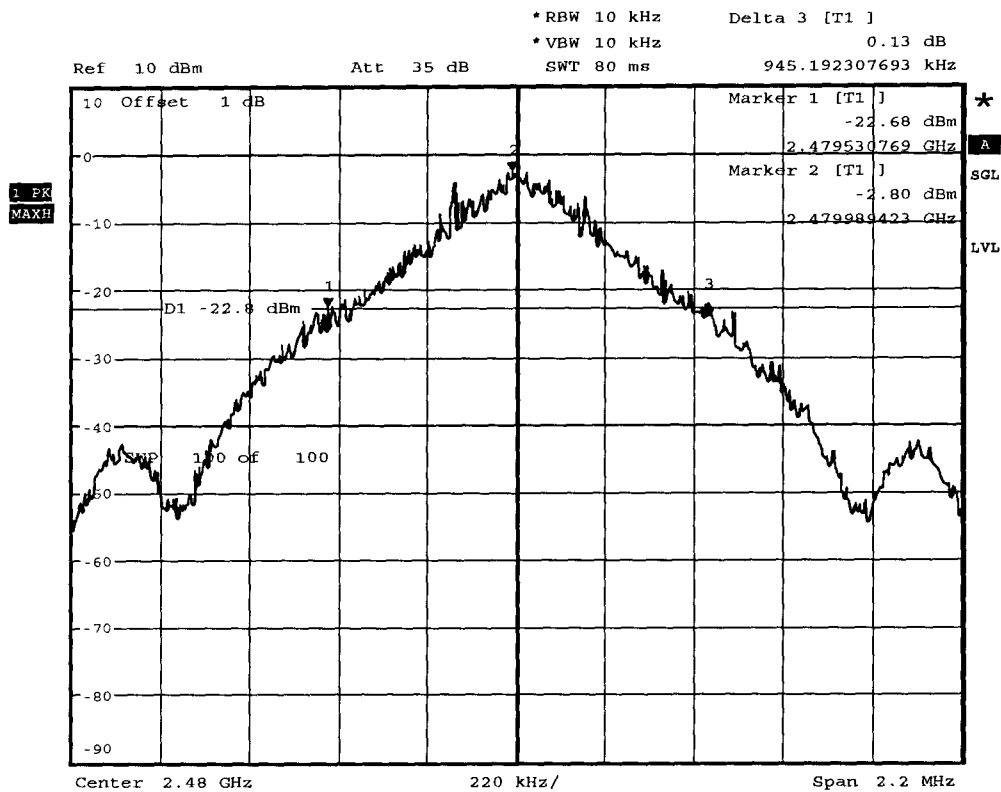


Date: 12.MAY.2006 06:34:36

Measurement diagram

FCC part 15.247
20 dB bandwidth

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Date: 12.MAY.2006 06:37:20

Measurement diagram

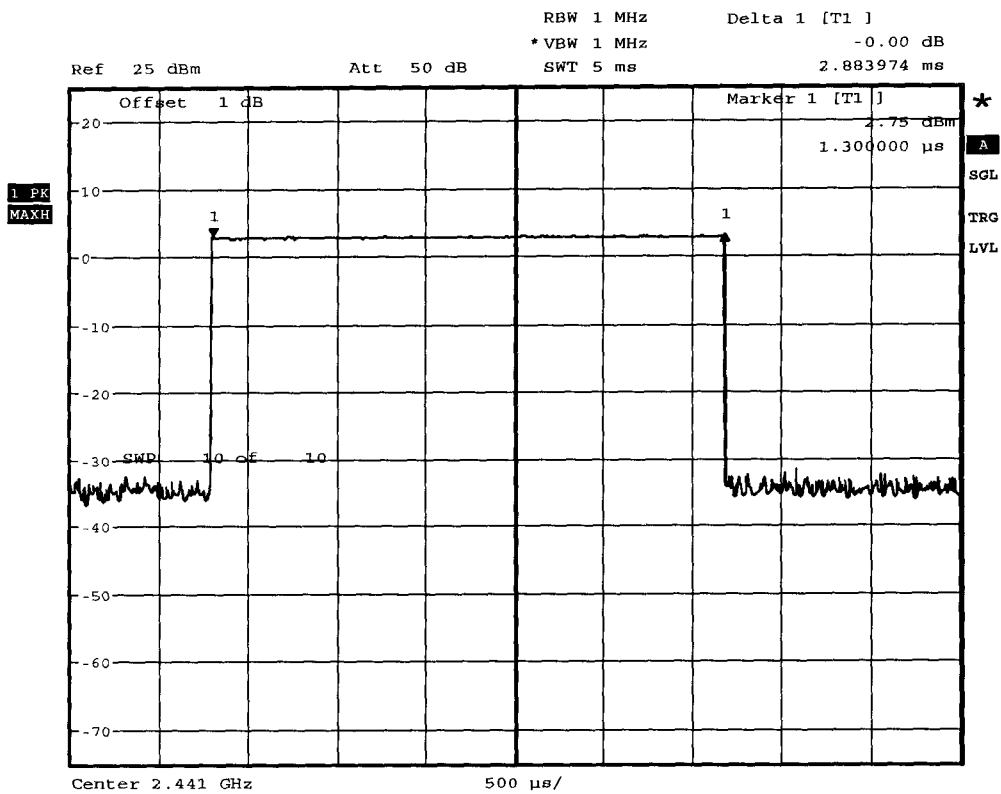
Appendix E

Time of occupancy (dwell time)

FCC part 15.247

Time of occupancy (dwell time)

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Time of occupancy
Comment 2	Channel.: 39 / 2441 MHz (Hopping mode)
Comment 3	64 events * 2.884 ms result: 184.6 ms



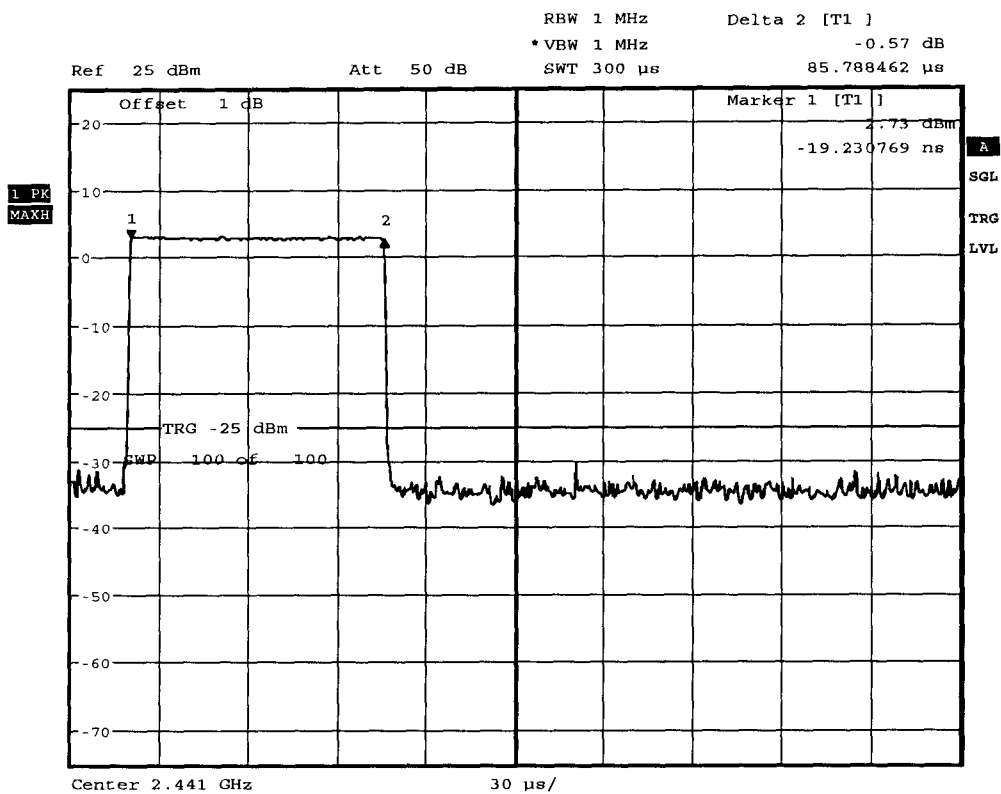
Date: 12.MAY.2006 07:03:18

Measurement diagram

FCC part 15.247

Time of occupancy inquiry

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Time of occupancy inquiry
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	629 events * 0.0858 ms result: 53,97 ms



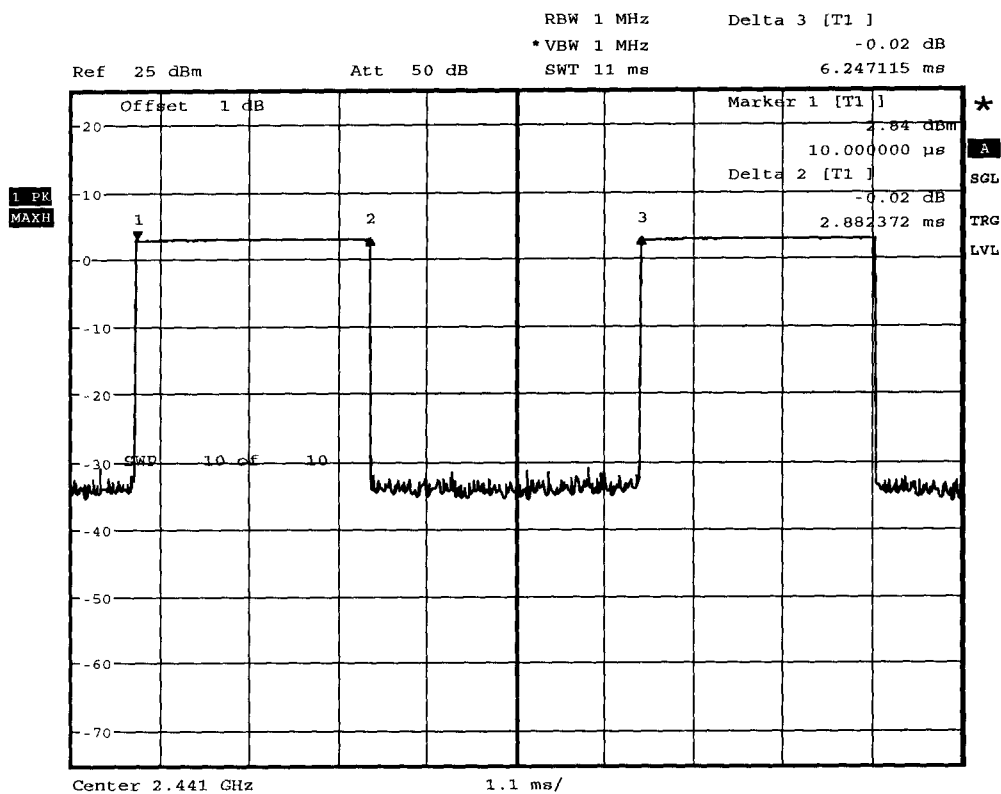
Date: 12.MAY.2006 07:45:24

Measurement diagram

FCC part 15.247

Duty cycle

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(b)
Comment 1	Duty cycle
Comment 2	Channel: 39 / 2441 MHz
Comment 3	Duty cycle: 0,461



Date: 12.MAY.2006 06:45:02

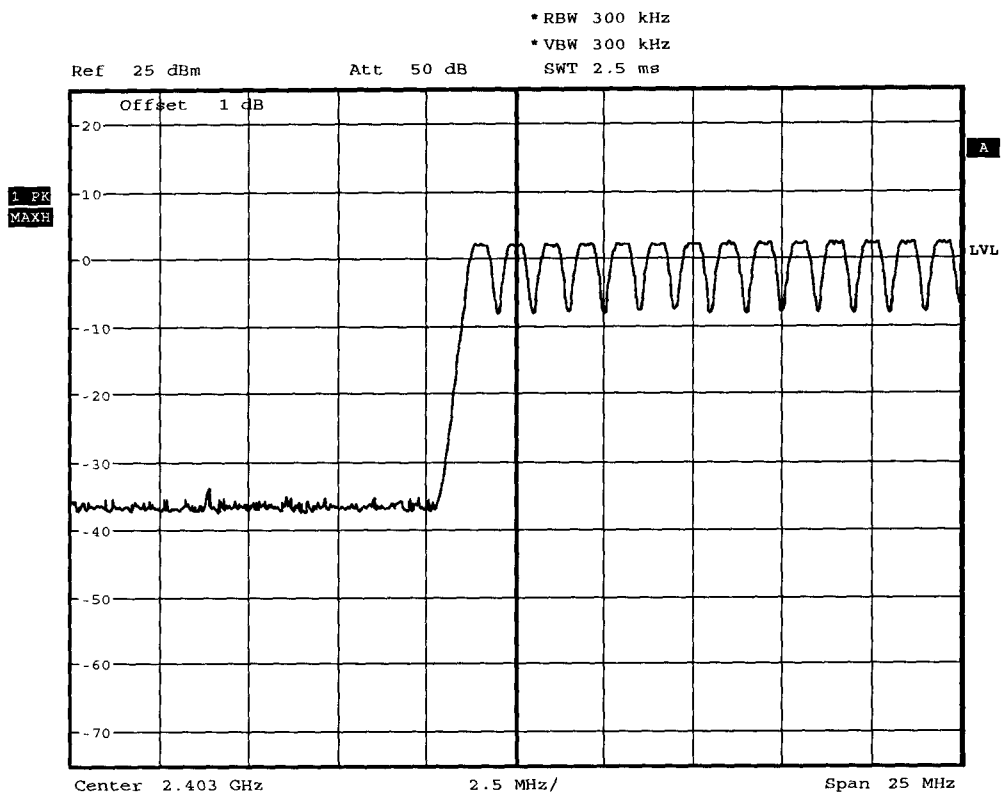
Measurement diagram

Appendix F

Number of hopping frequencies

FCC part 15.247
Number of hopping frequencies

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 0-13
Comment 3	

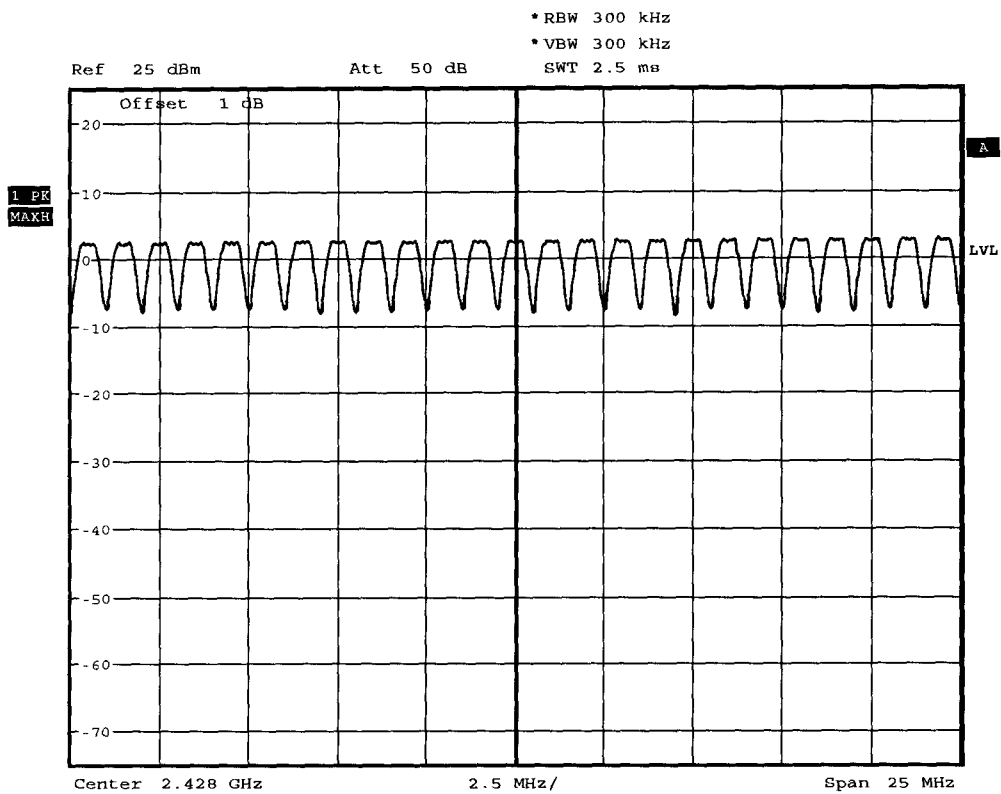


Date: 12.MAY.2006 07:27:38

Measurement diagram

FCC part 15.247
Number of hopping frequencies

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 14-38
Comment 3	



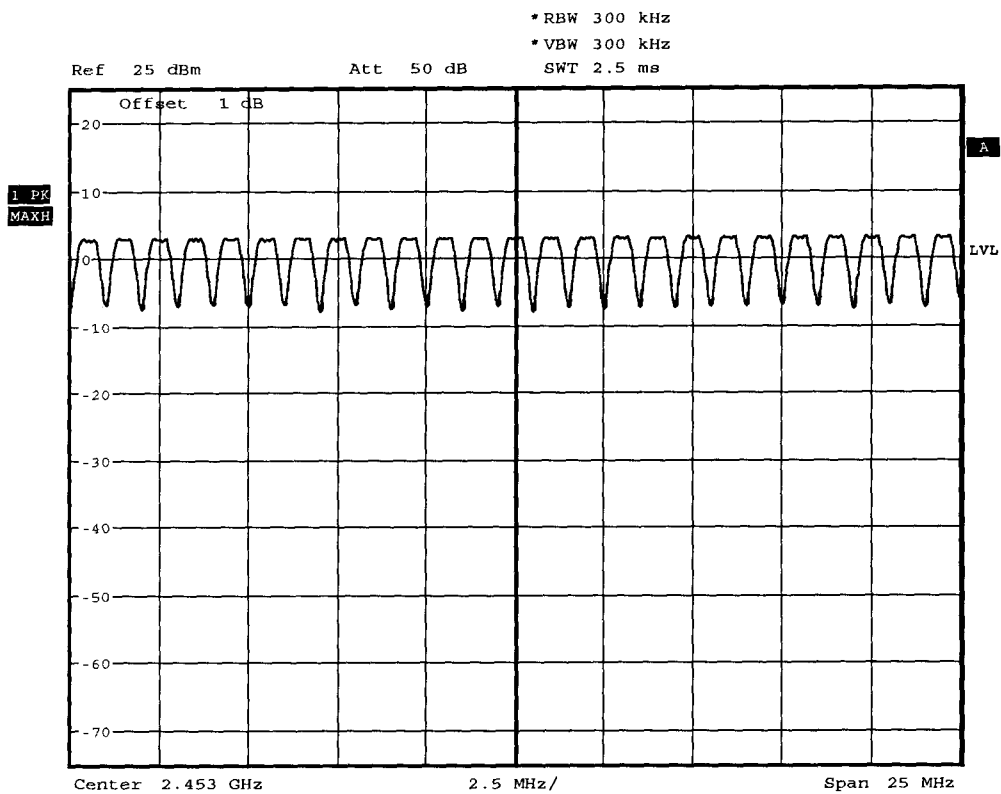
Date: 12.MAY.2006 07:30:28

Measurement diagram

FCC part 15.247

Number of hopping frequencies

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.:39-63
Comment 3	

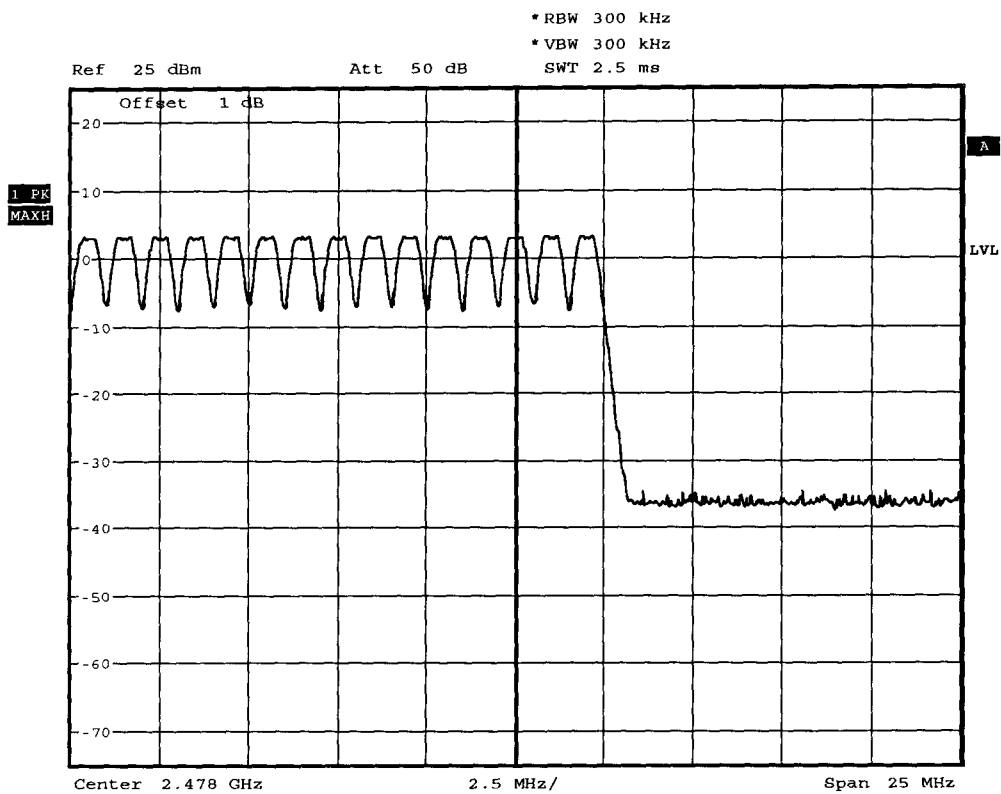


Date: 12.MAY.2006 07:38:12

Measurement diagram

FCC part 15.247
Number of hopping frequencies

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 64-78
Comment 3	

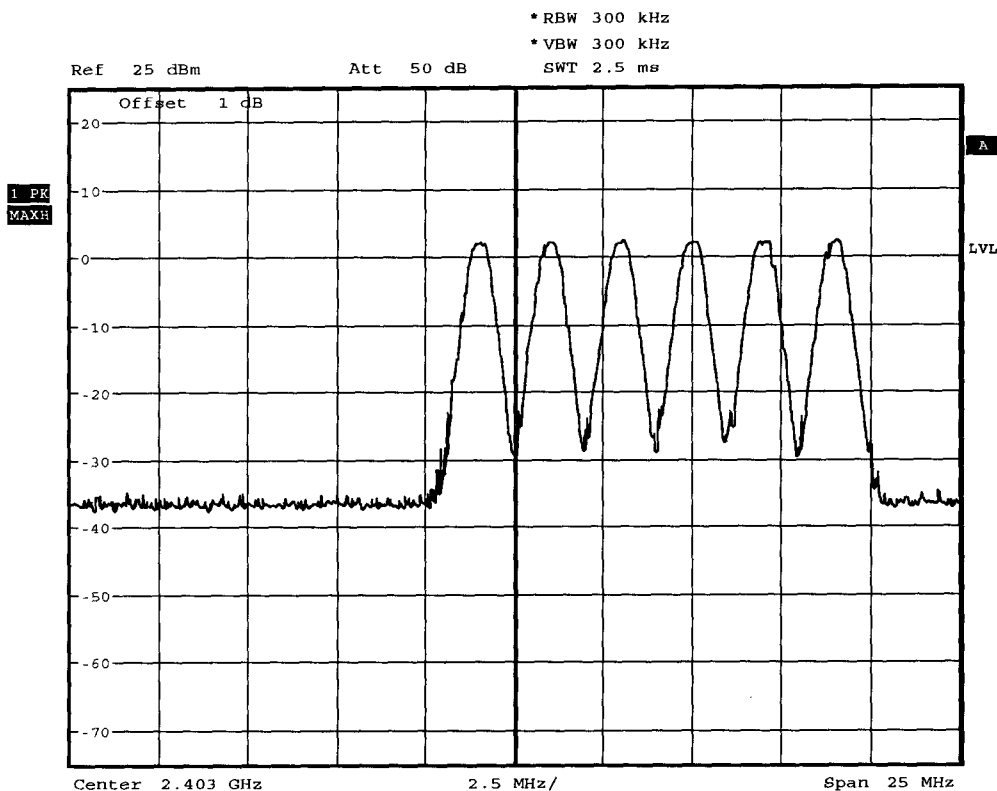


Date: 12.MAY.2006 07:40:58

Measurement diagram

FCC part 15.247**Number of hopping frequencies**

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Master inquiry mode
Comment 3	Channel.: 1-6

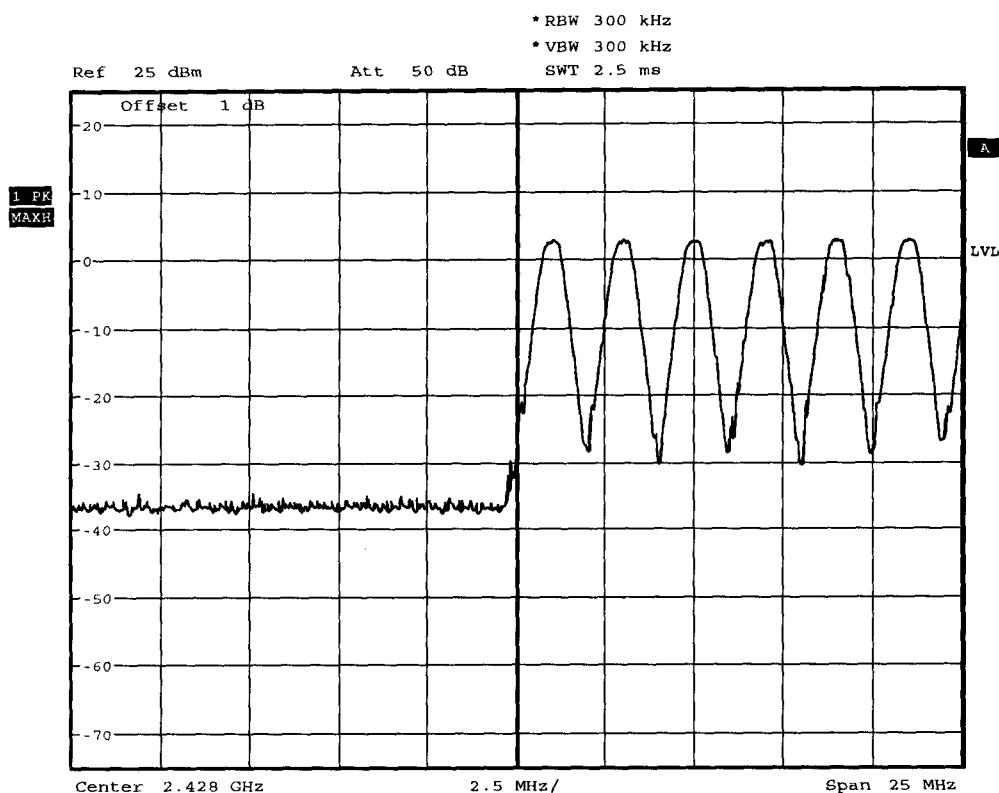


Date: 12.MAY.2006 08:23:48

Measurement diagram

FCC part 15.247
Number of hopping frequencies

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Master inquiry mode
Comment 3	Channel.: 6-12

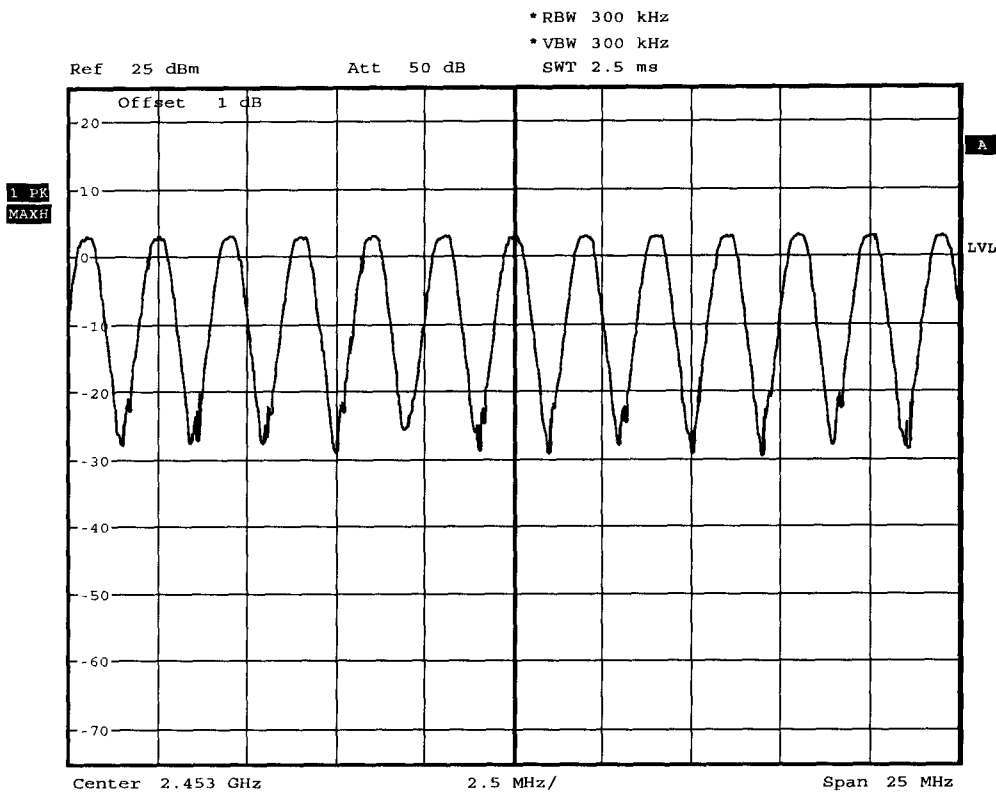


Date: 12.MAY.2006 08:25:33

Measurement diagram

FCC part 15.247
Number of hopping frequencies

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Master inquiry mode
Comment 3	Channel.: 13-25

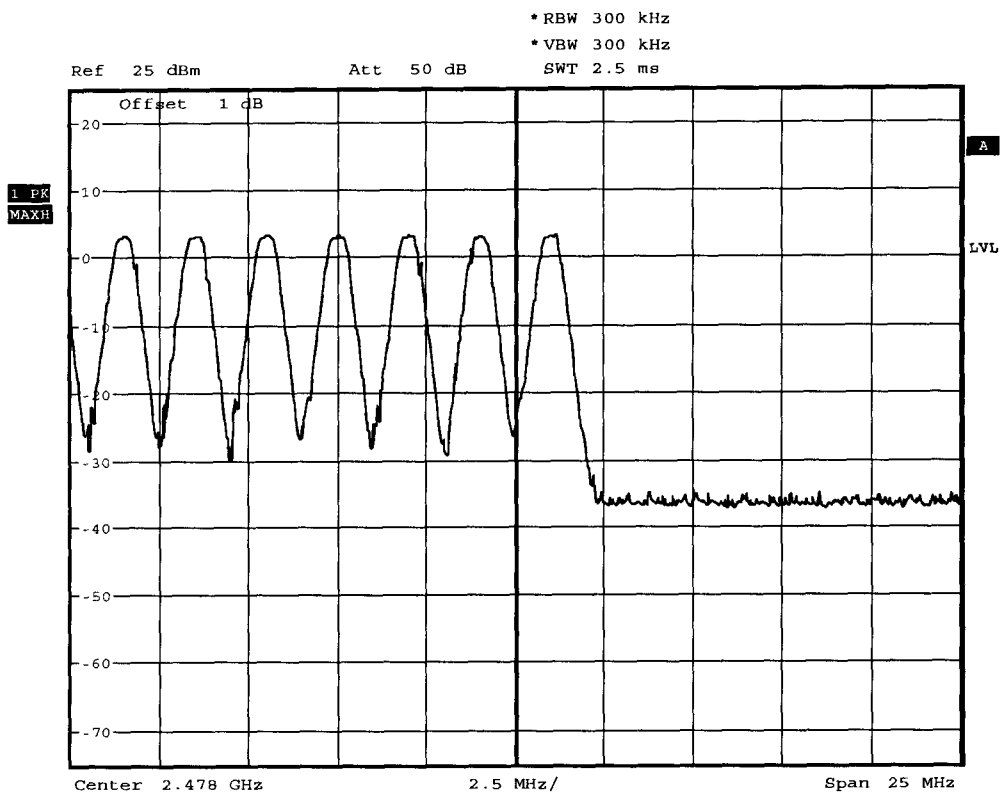


Date: 12.MAY.2006 08:19:39

Measurement diagram

FCC part 15.247**Number of inquiry frequencies**

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of inquiry frequencies
Comment 2	Channel.: 26-32
Comment 3	



Date: 12.MAY.2006 08:28:41

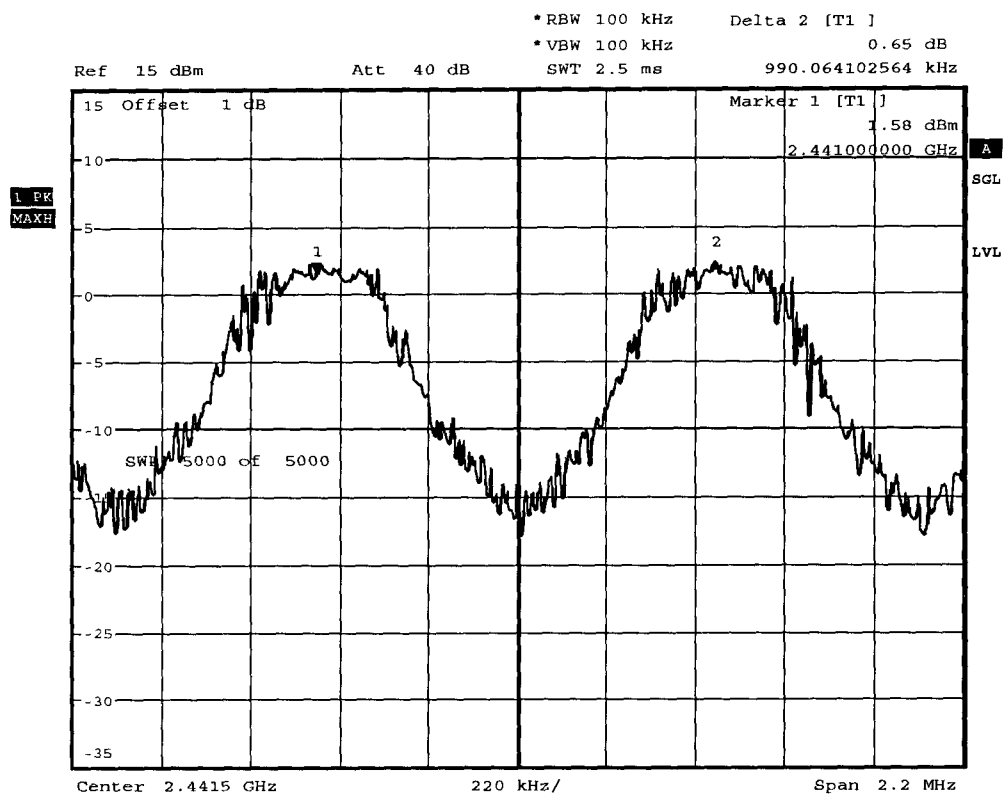
Measurement diagram

Appendix G

Carrier frequency separation

FCC part 15.247
20 dB bandwidth

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(a)
Comment 1	Carrier Frequency Separation
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Date: 12.MAY.2006 06:42:58

Measurement diagram

Appendix H

Spurious emission conducted

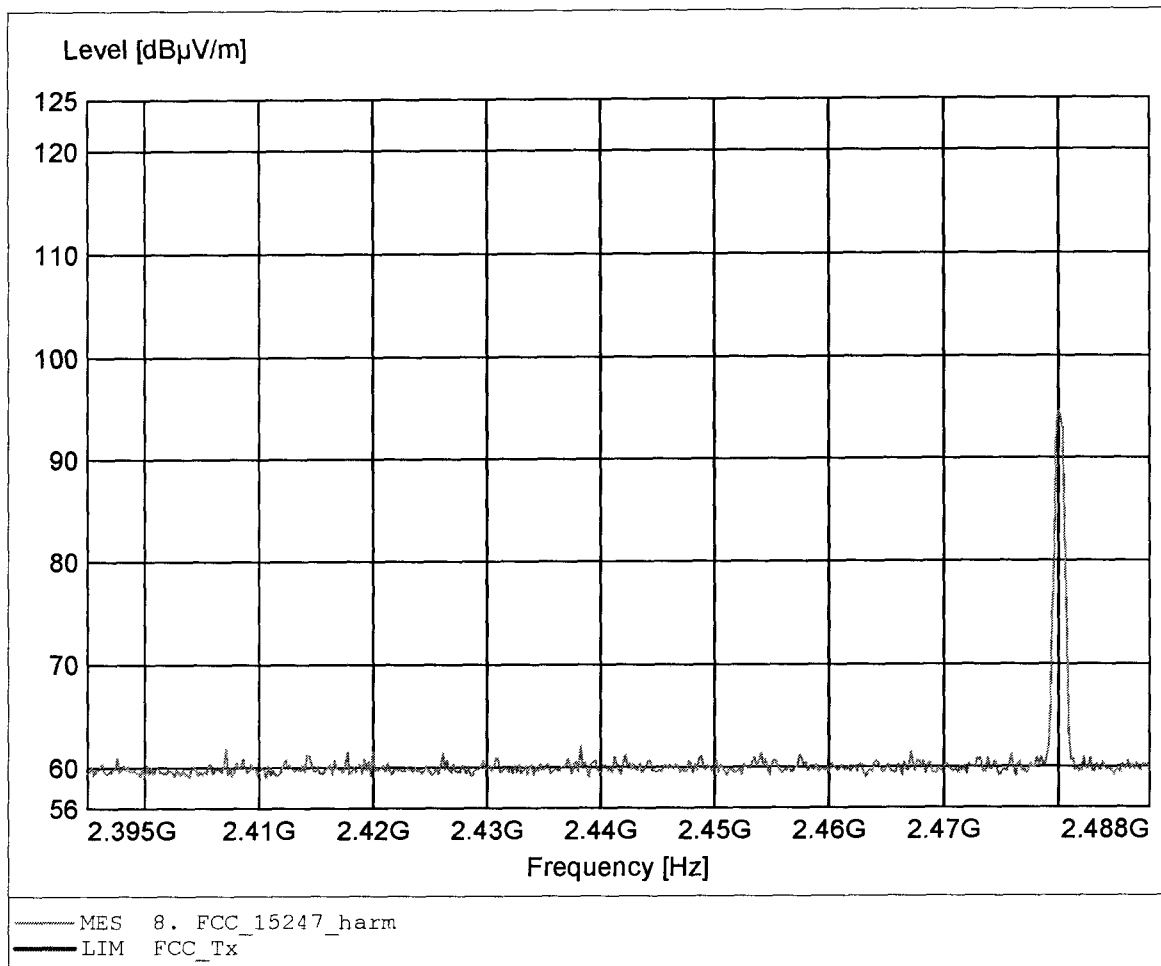
Appendix I

Spurious emission radiated

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

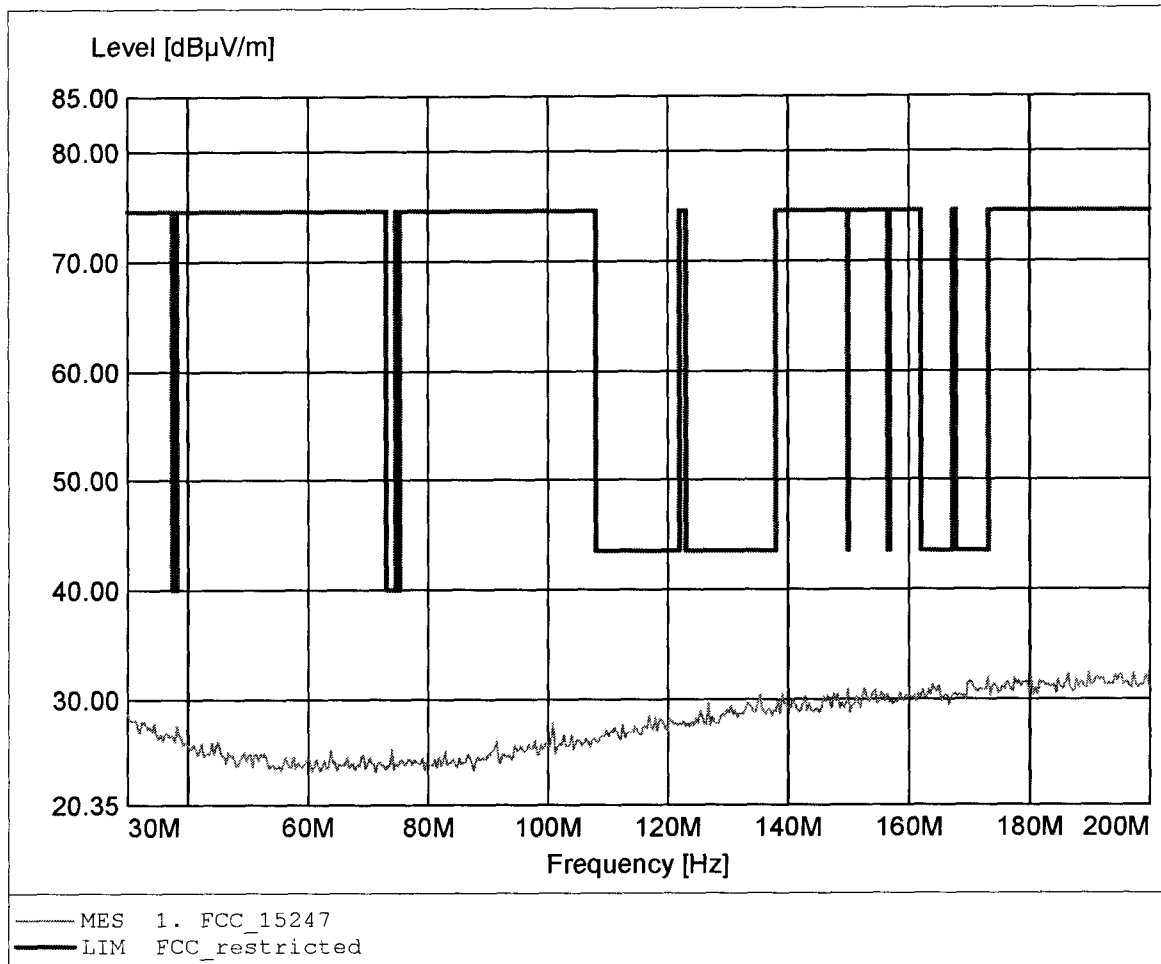
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Emax: 94.58dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

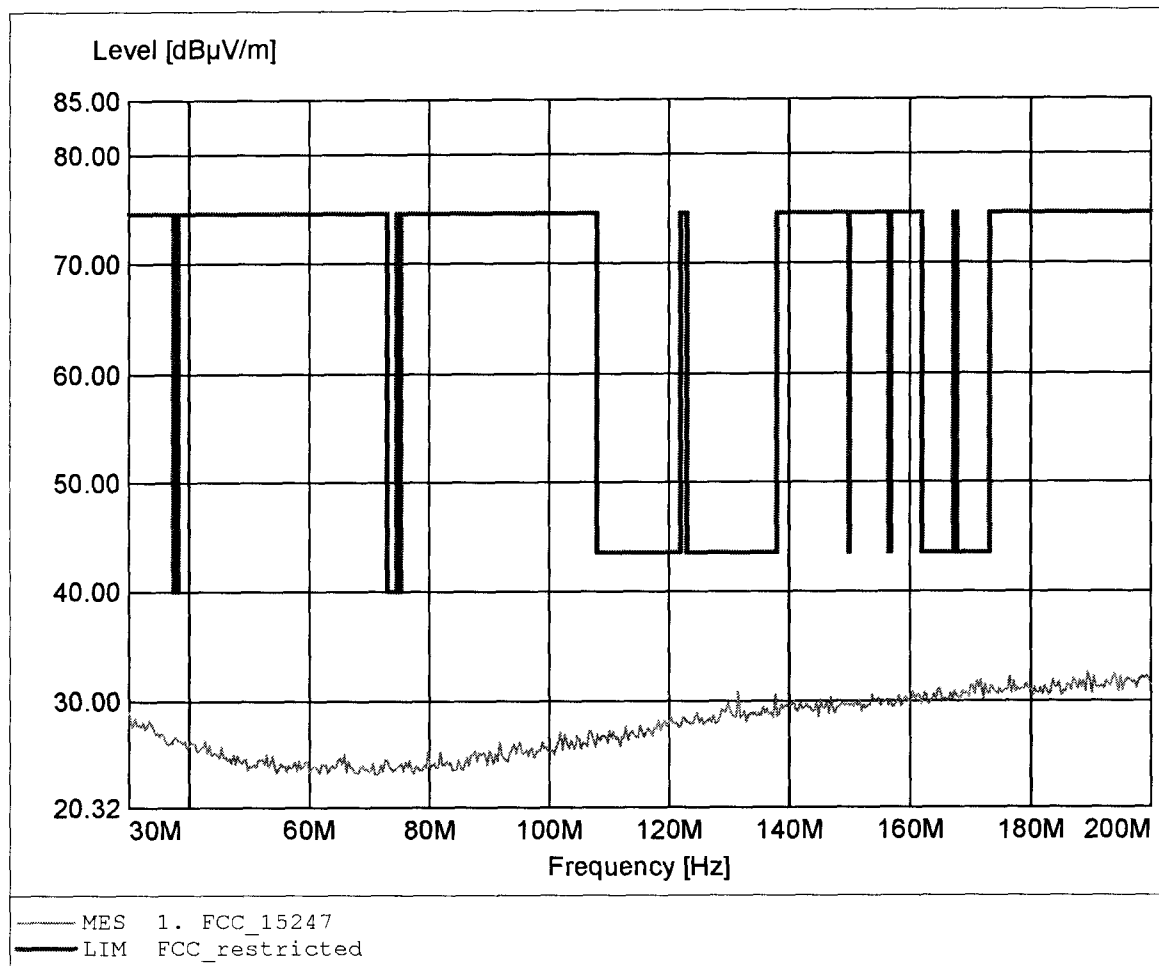
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 189.780MHz, Emax: 32.41dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

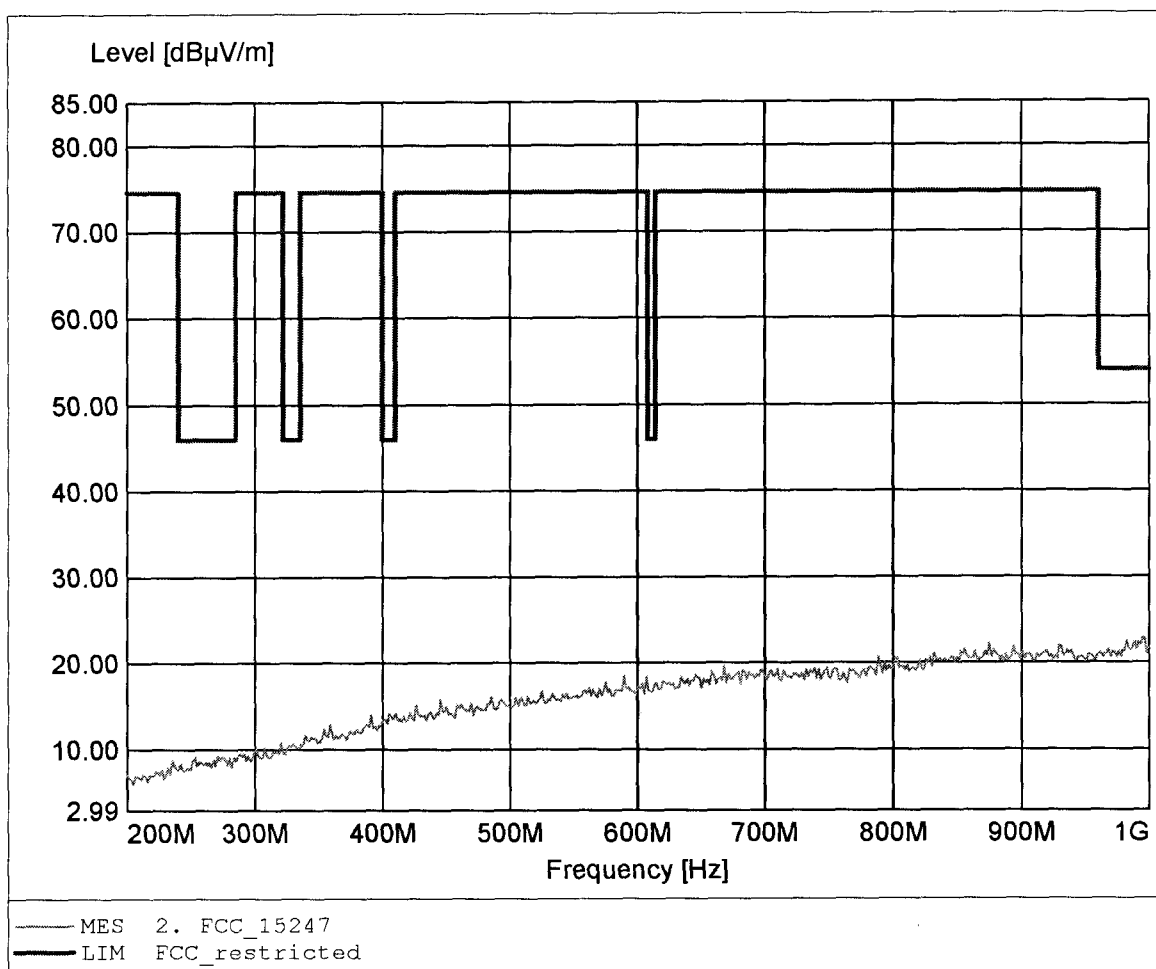
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 189.439MHz, Emax: 32.60dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

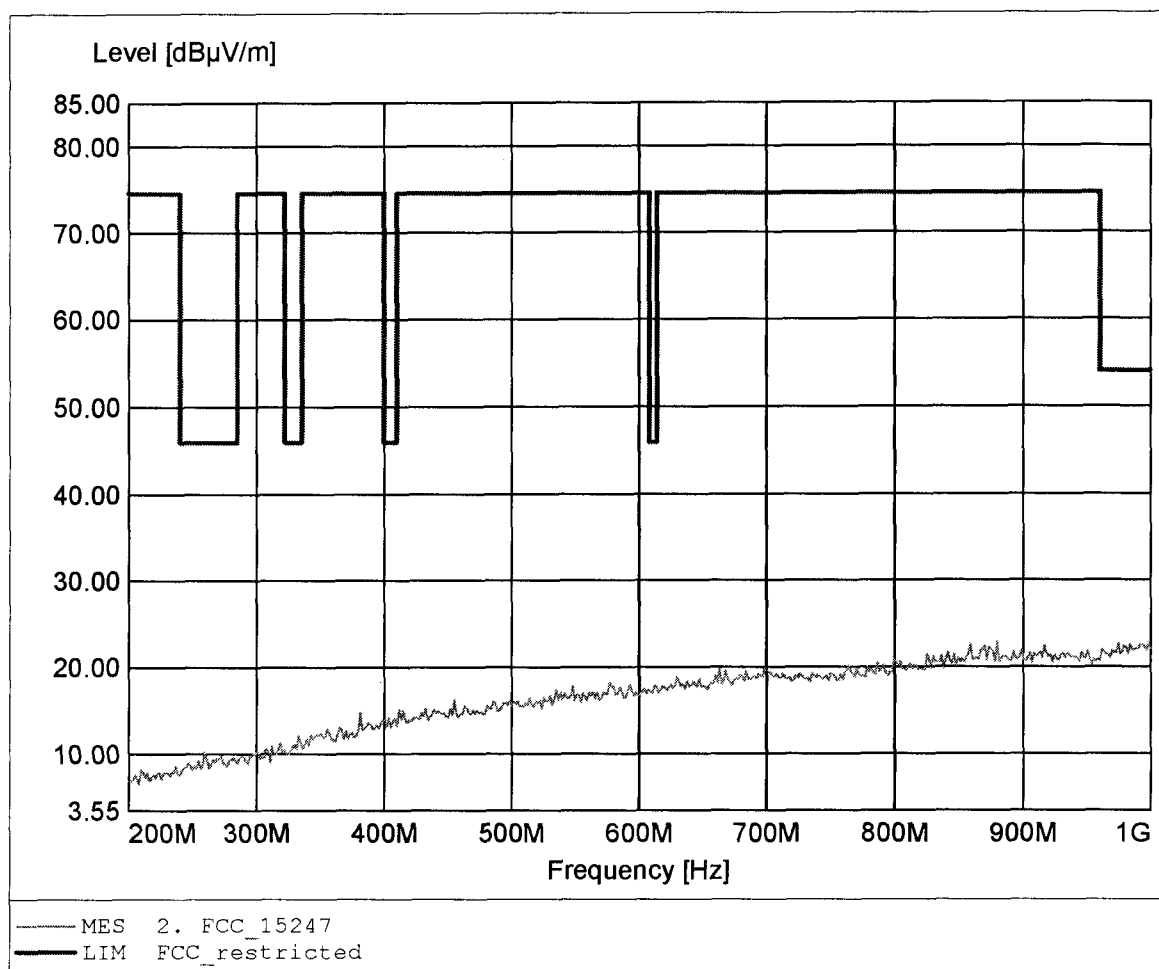
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 995.190MHz, Emax: 22.88dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

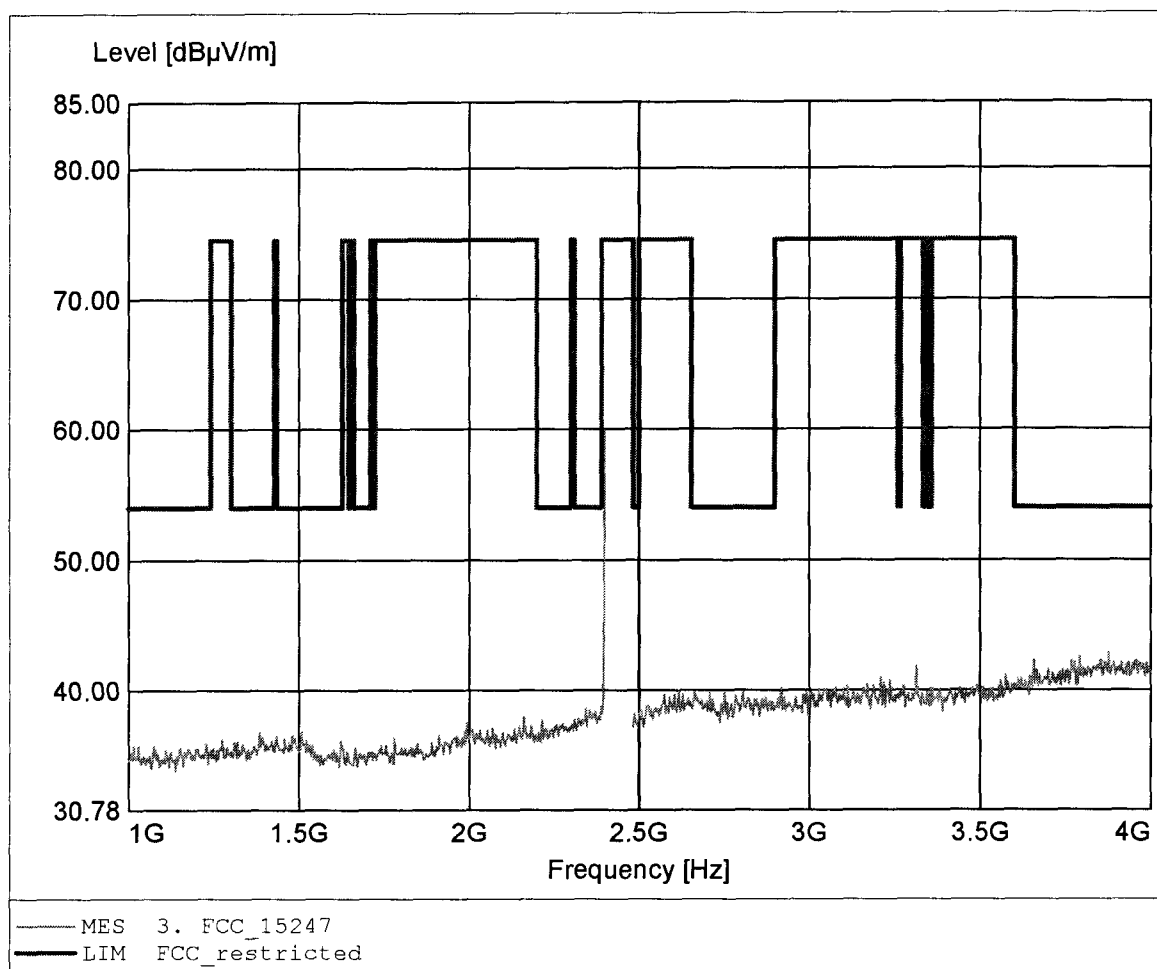
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 879.760MHz, Emax: 22.84dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

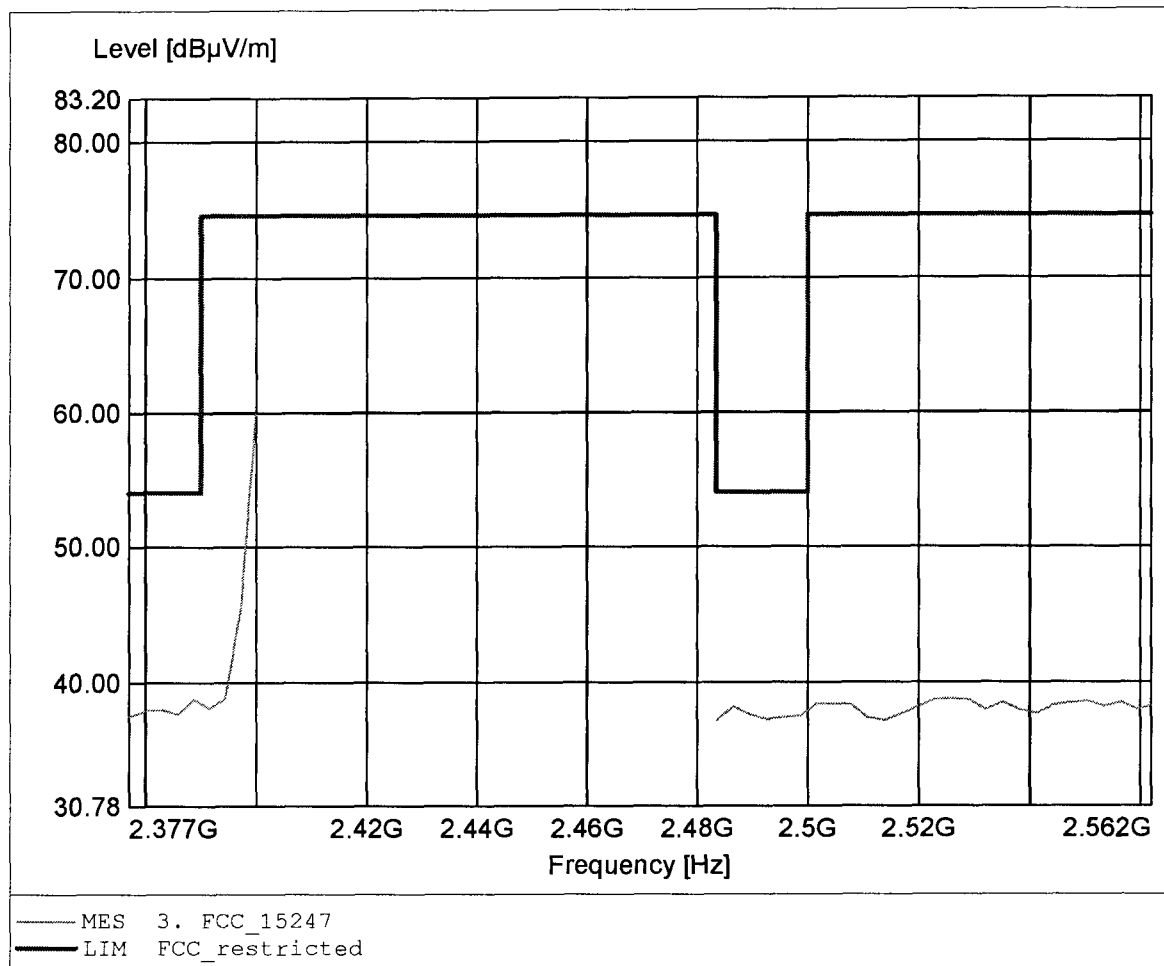
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 59.97dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

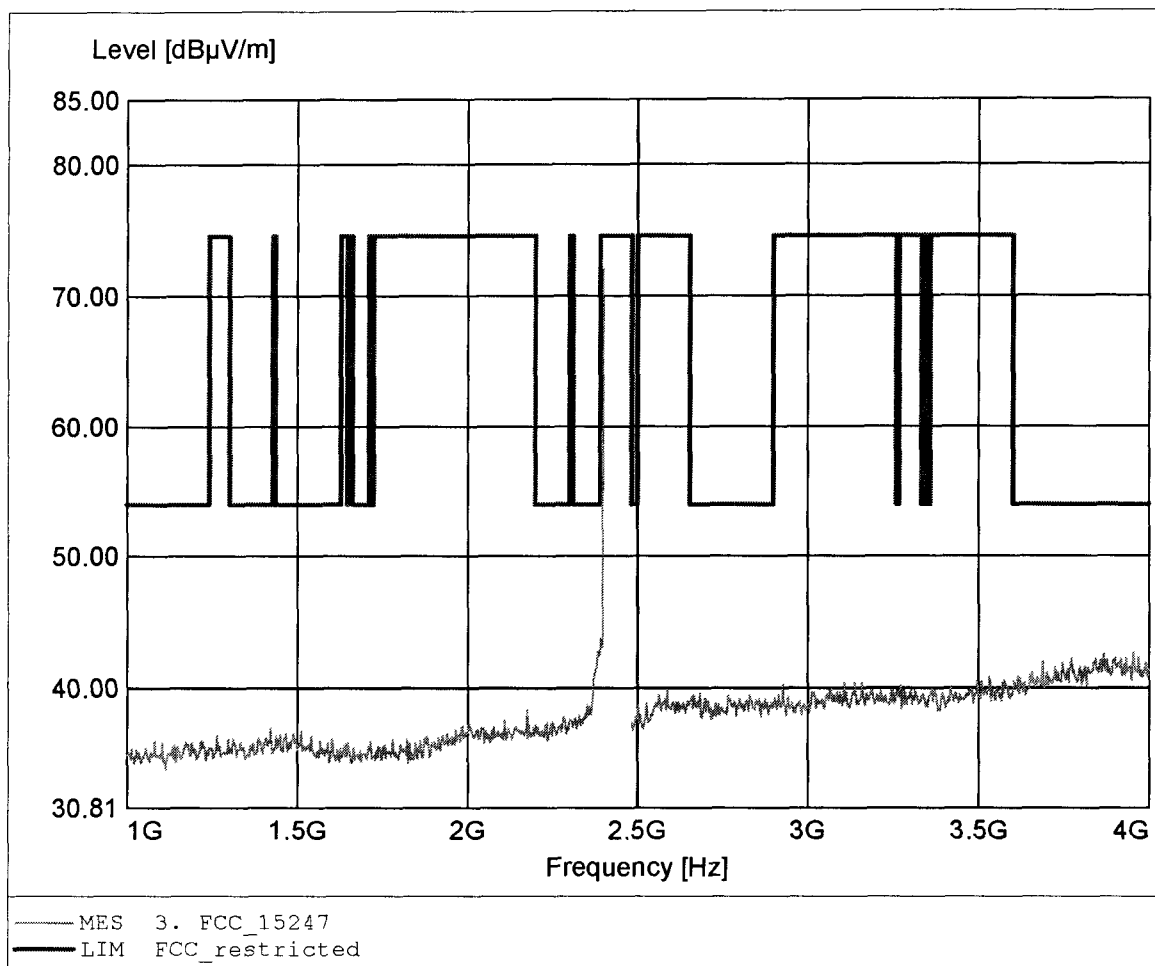
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 59.97dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

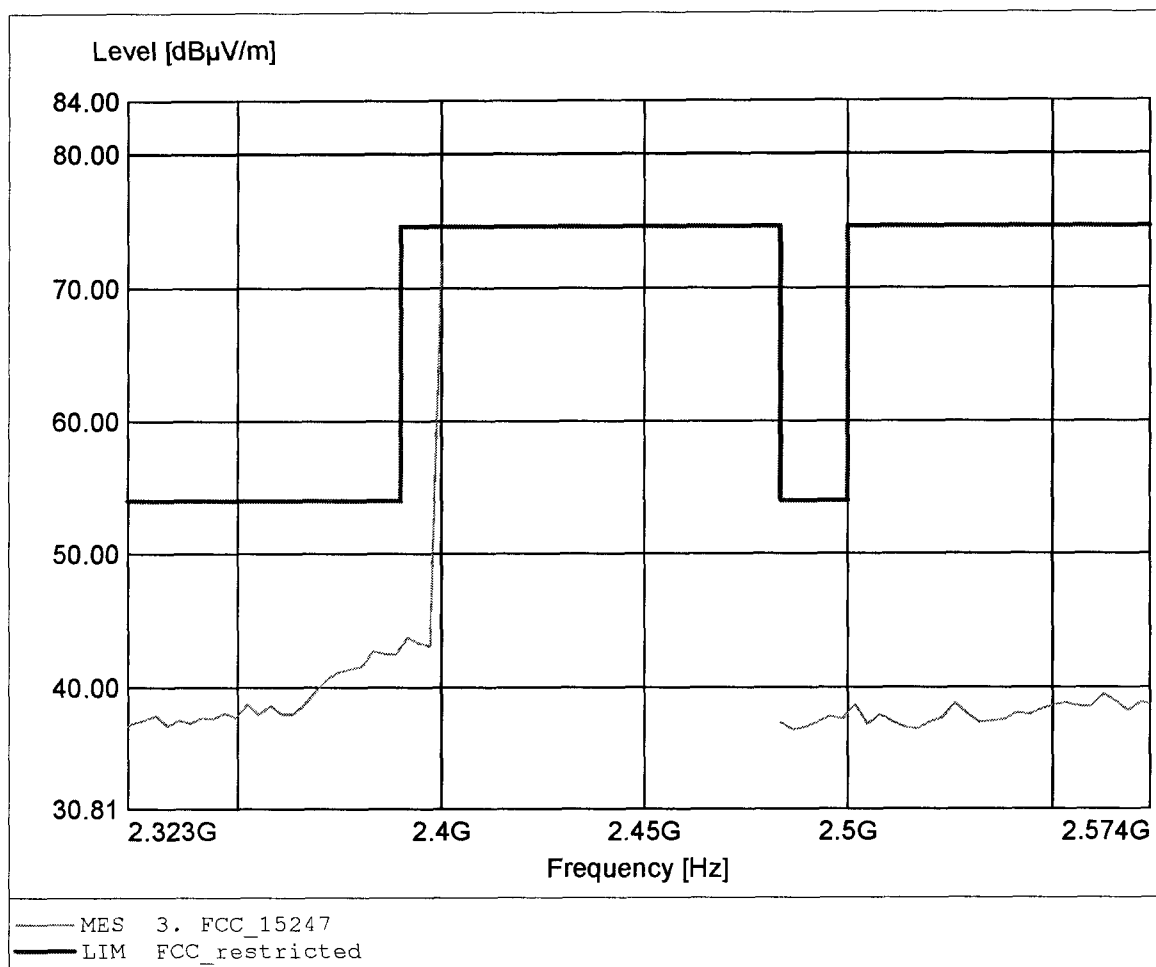
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 72.03dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

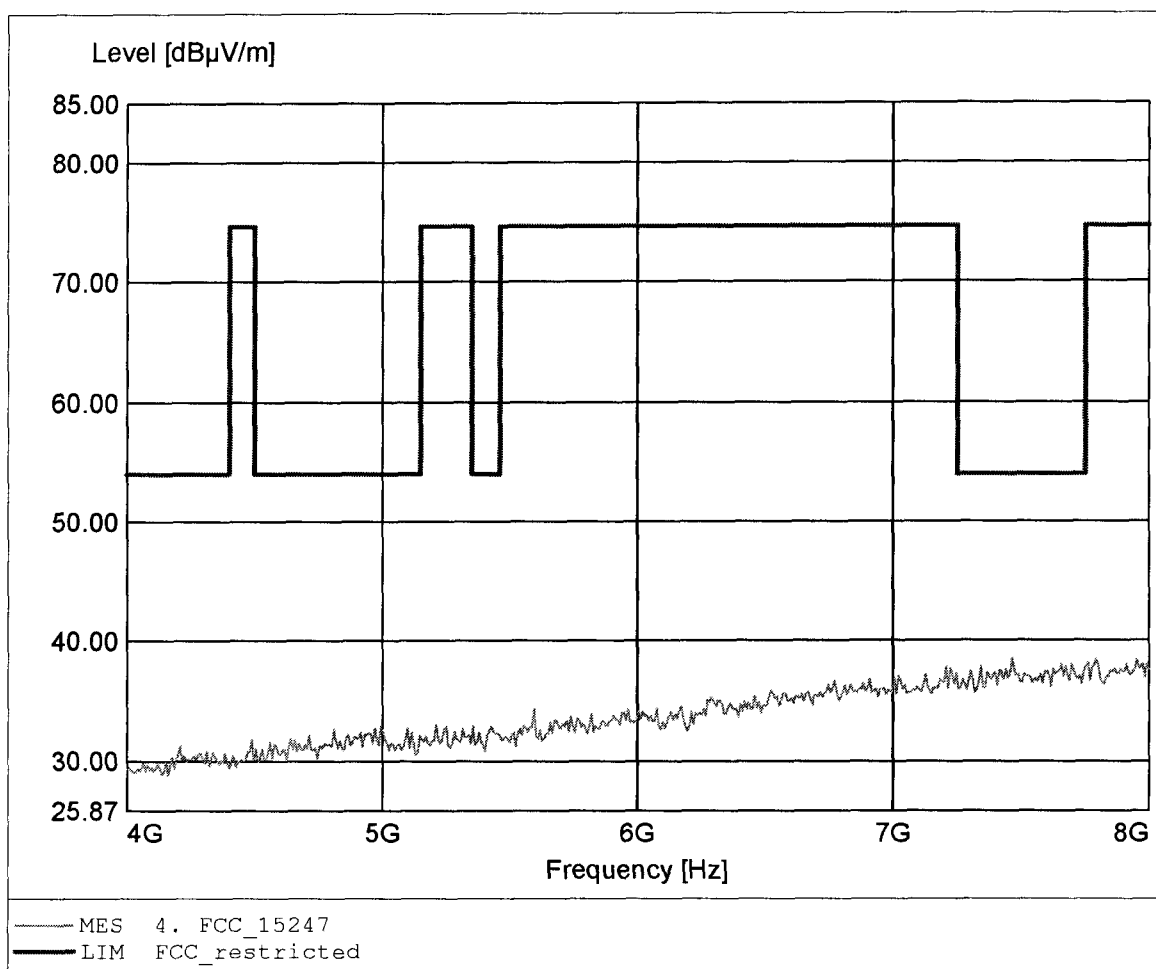
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 72.03dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

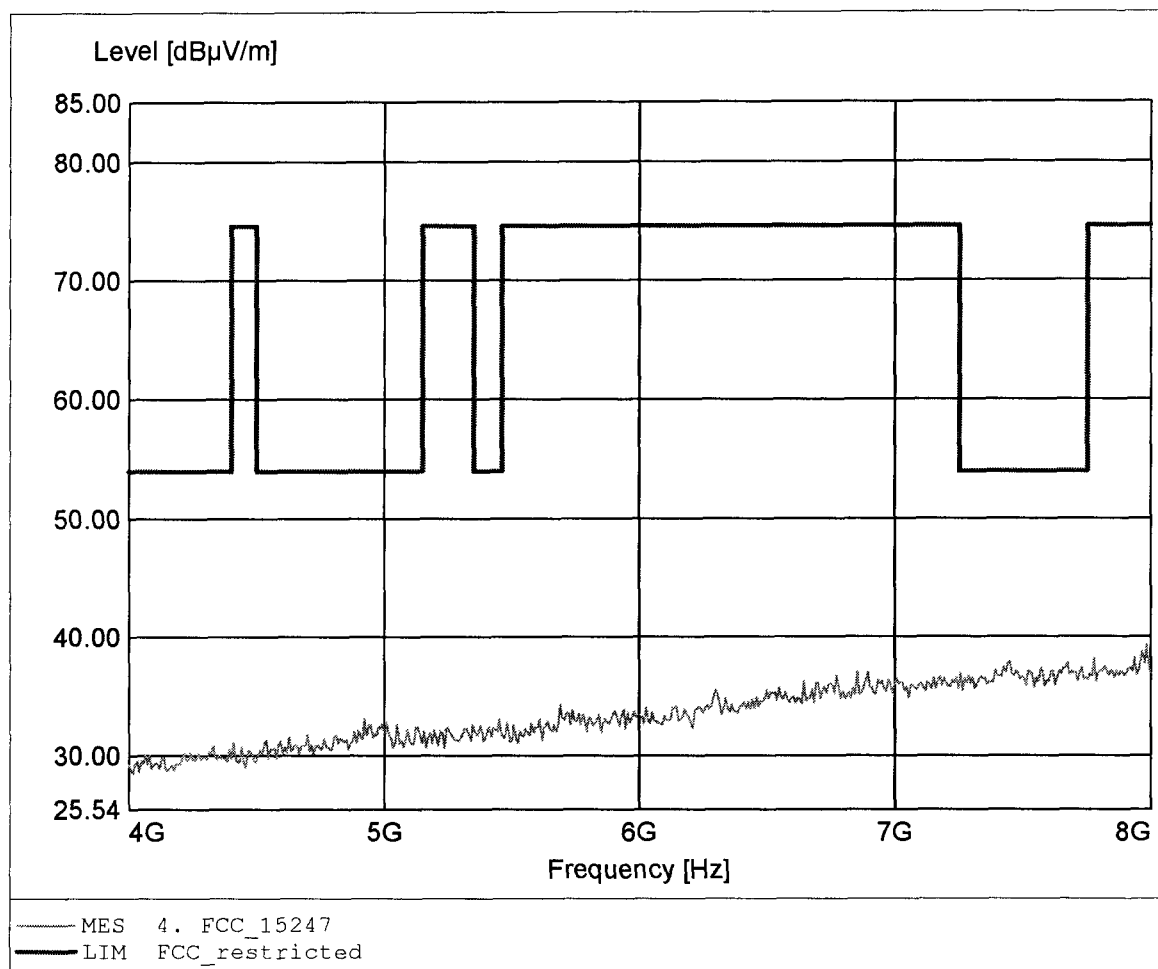
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.463GHz, Emax: 38.49dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

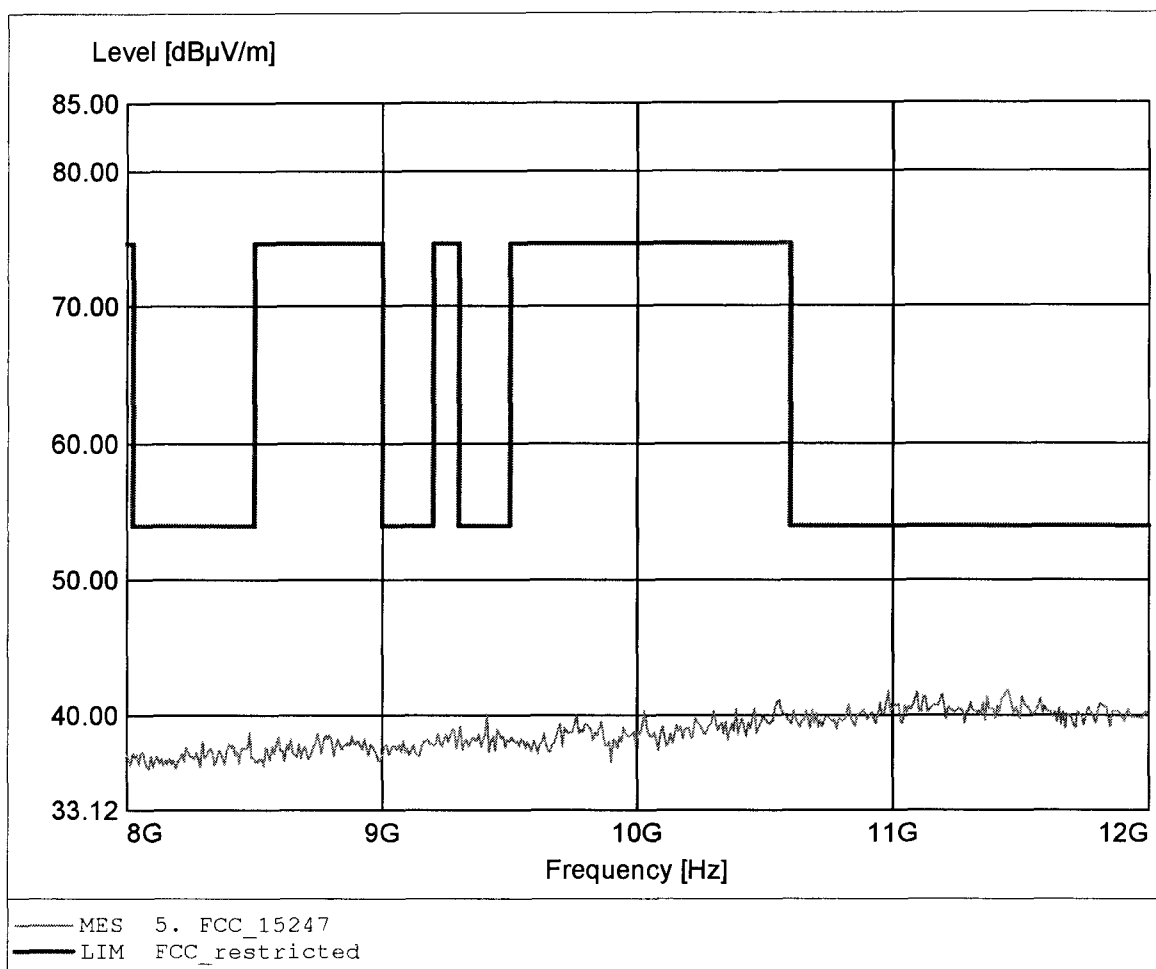
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.984GHz, Emax: 39.27dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

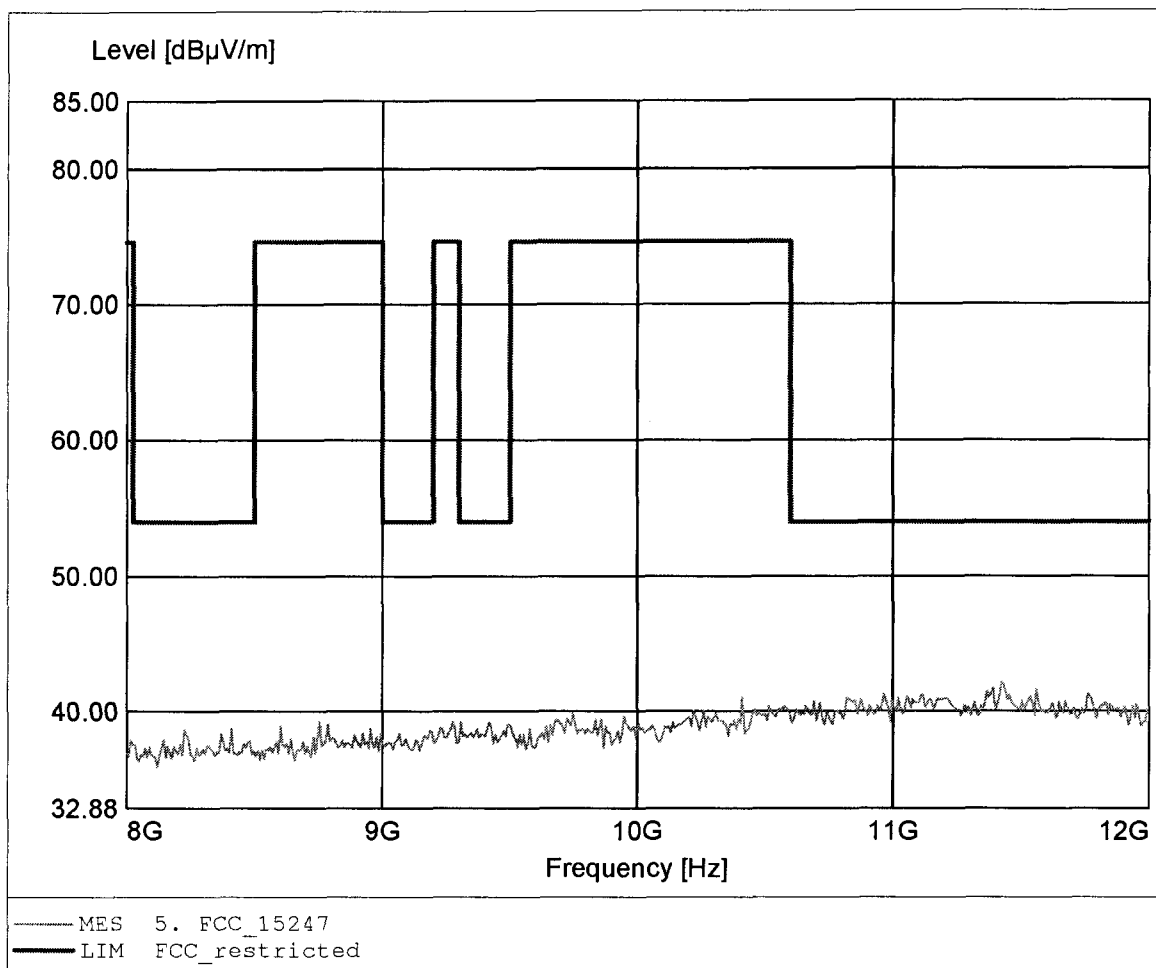
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.447GHz, Emax: 41.87dBμV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

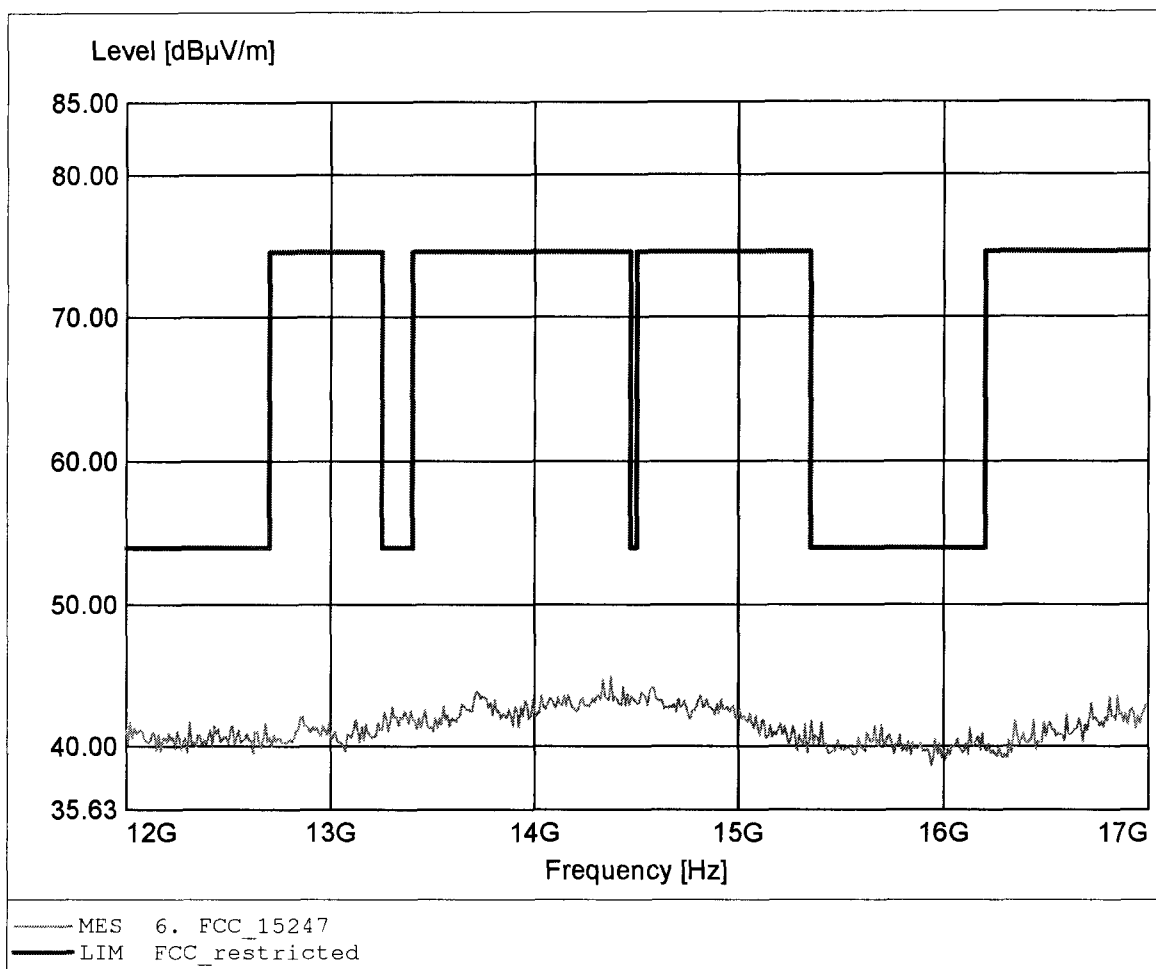
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.423GHz, Emax: 42.12dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

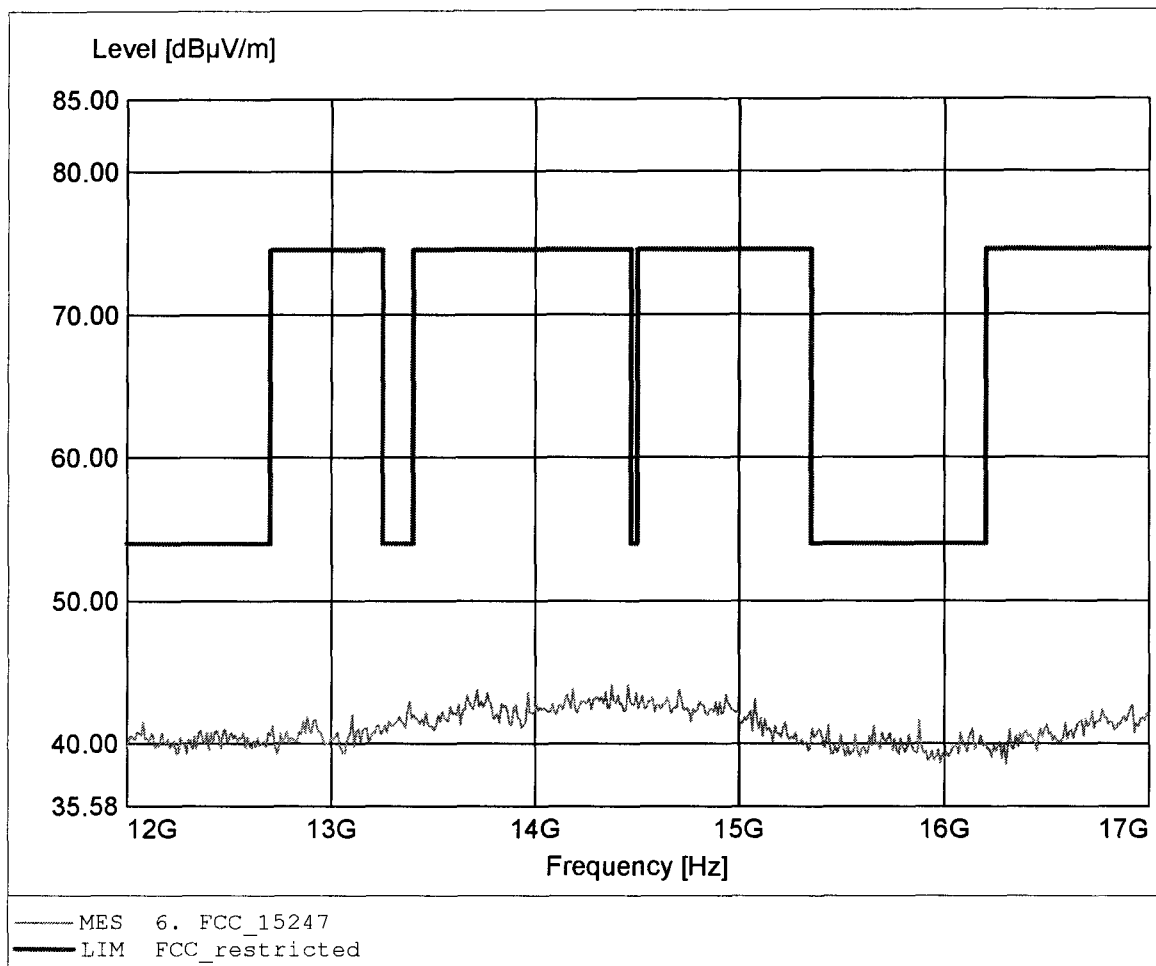
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.375GHz, Emax: 44.91dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

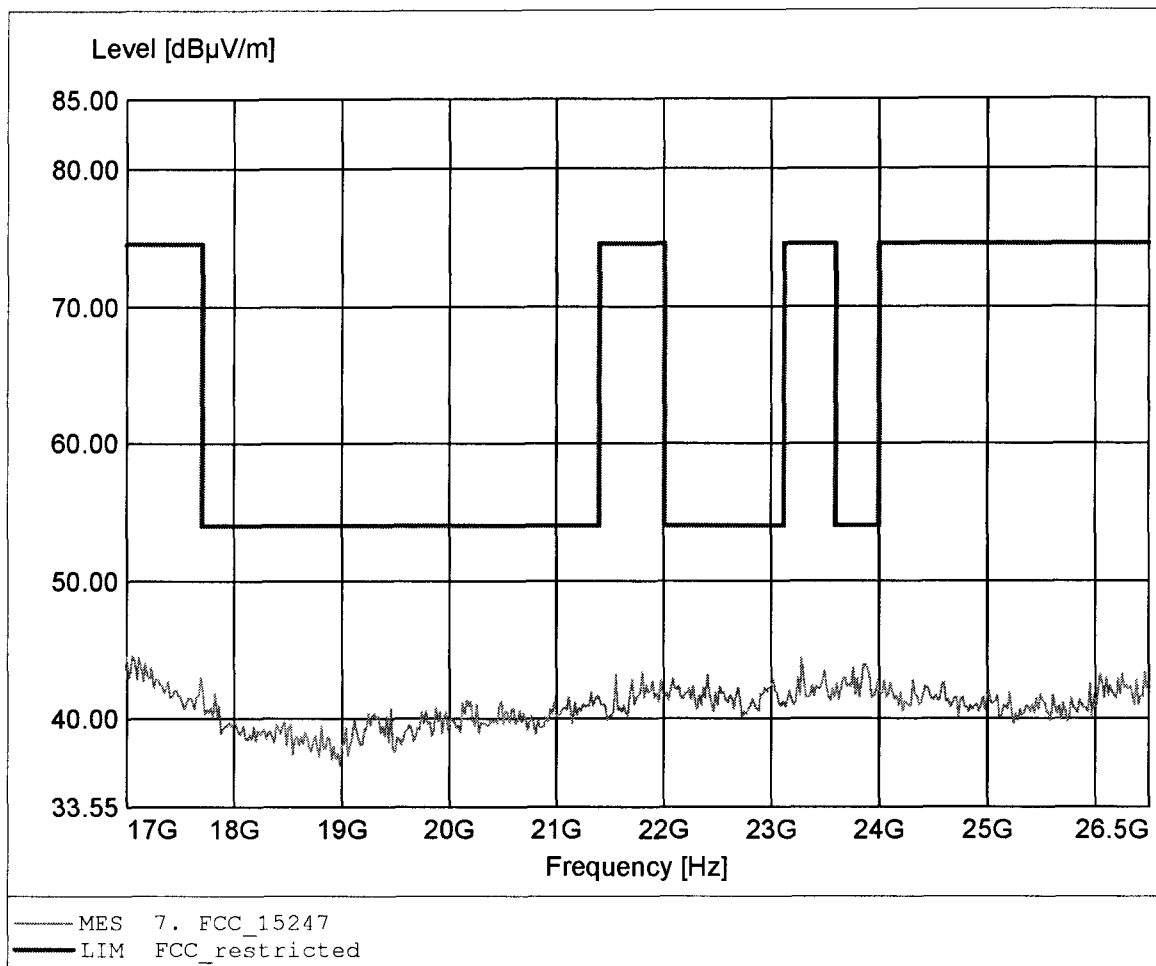
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.375GHz, Emax: 44.16dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

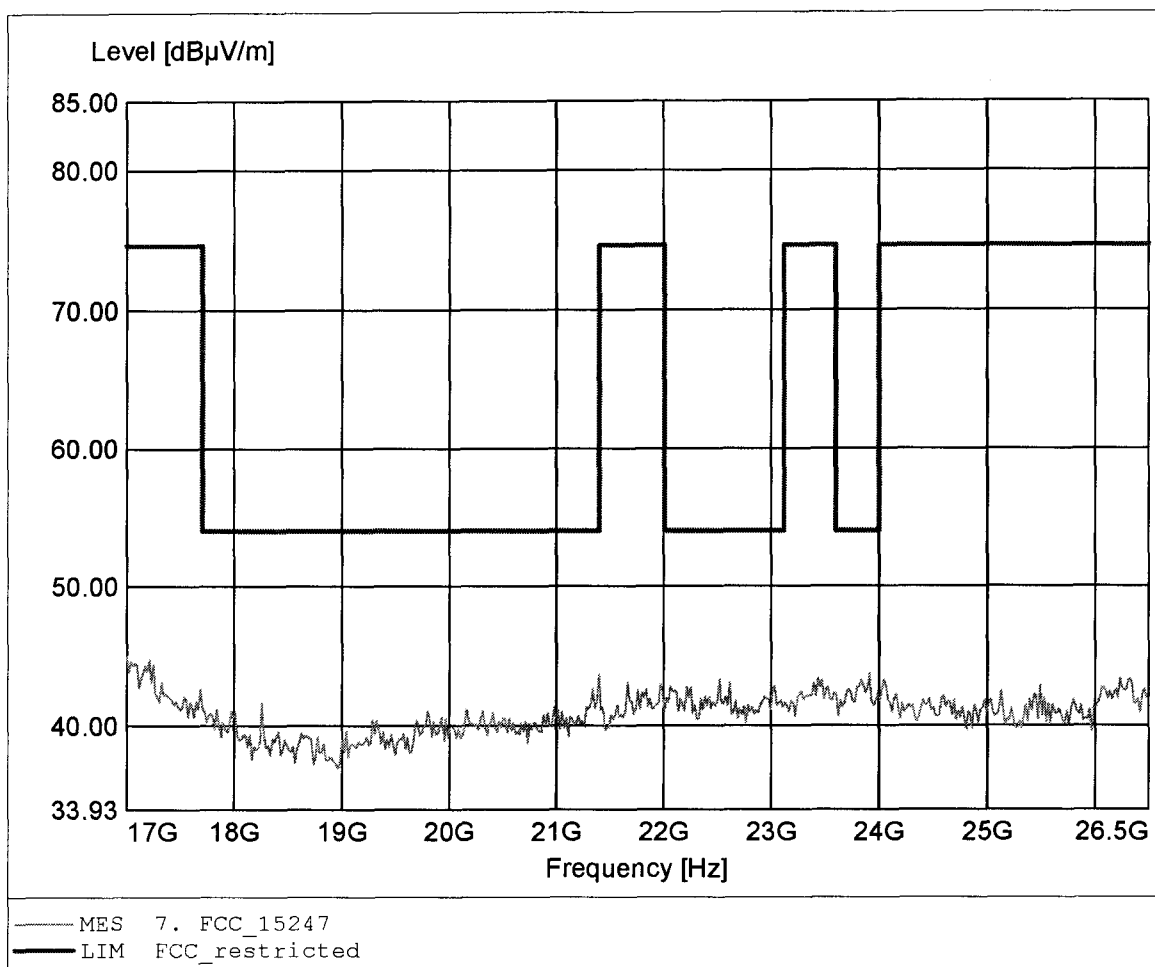
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.057GHz, Emax: 44.60dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

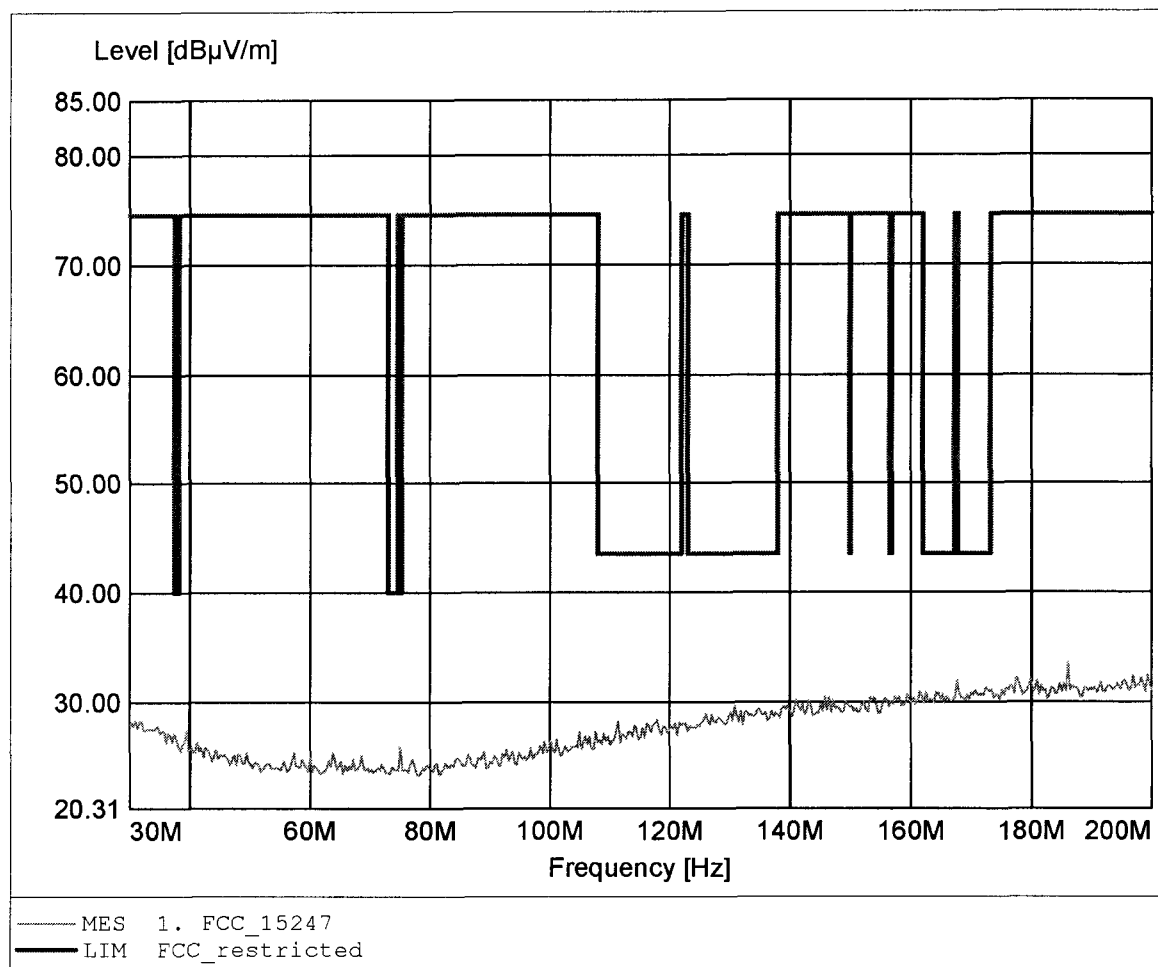
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2402 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 45.00dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

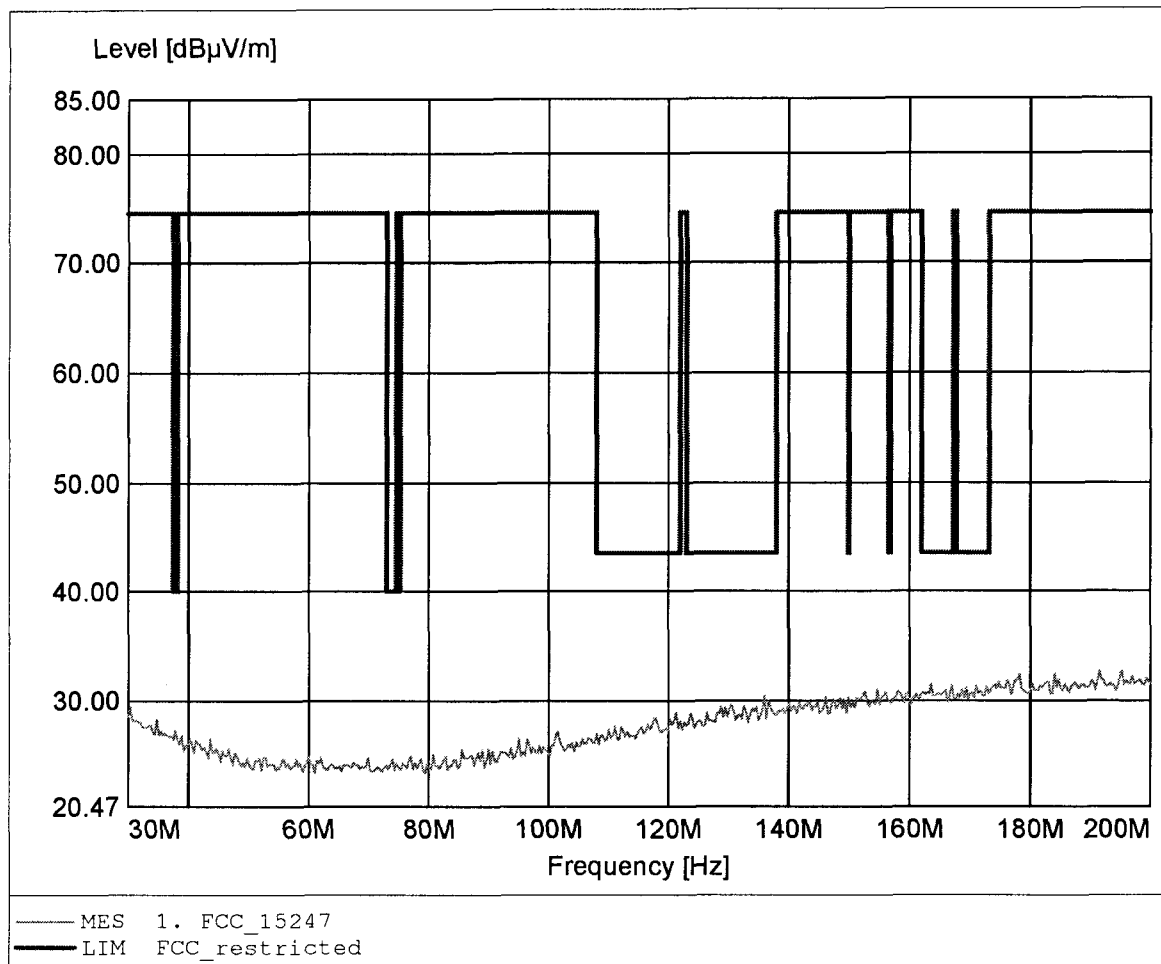
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 186.032MHz, Emax: 33.56dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

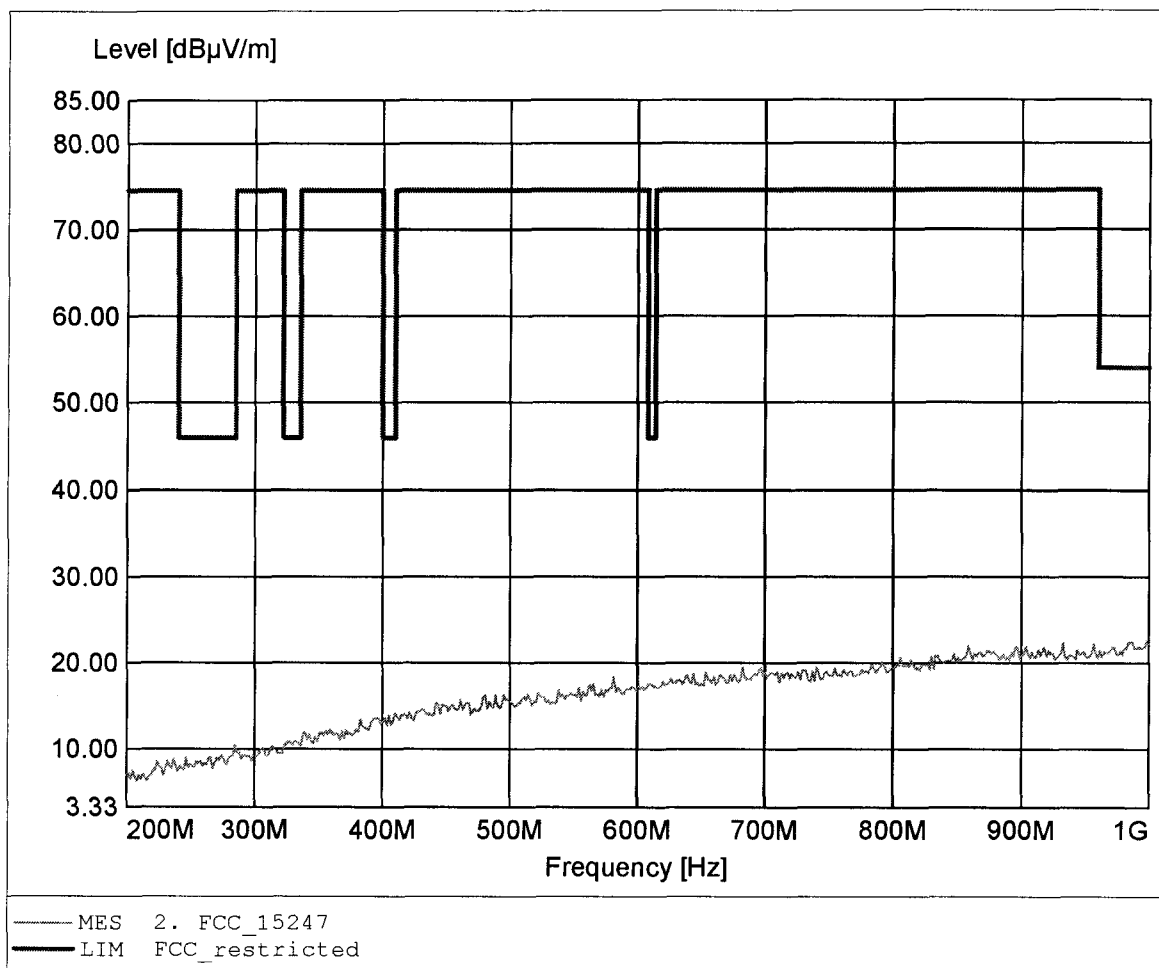
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.230MHz, Emax: 32.76dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 998.397MHz, Emax: 22.60dBµV/m, RBW: 100kHz



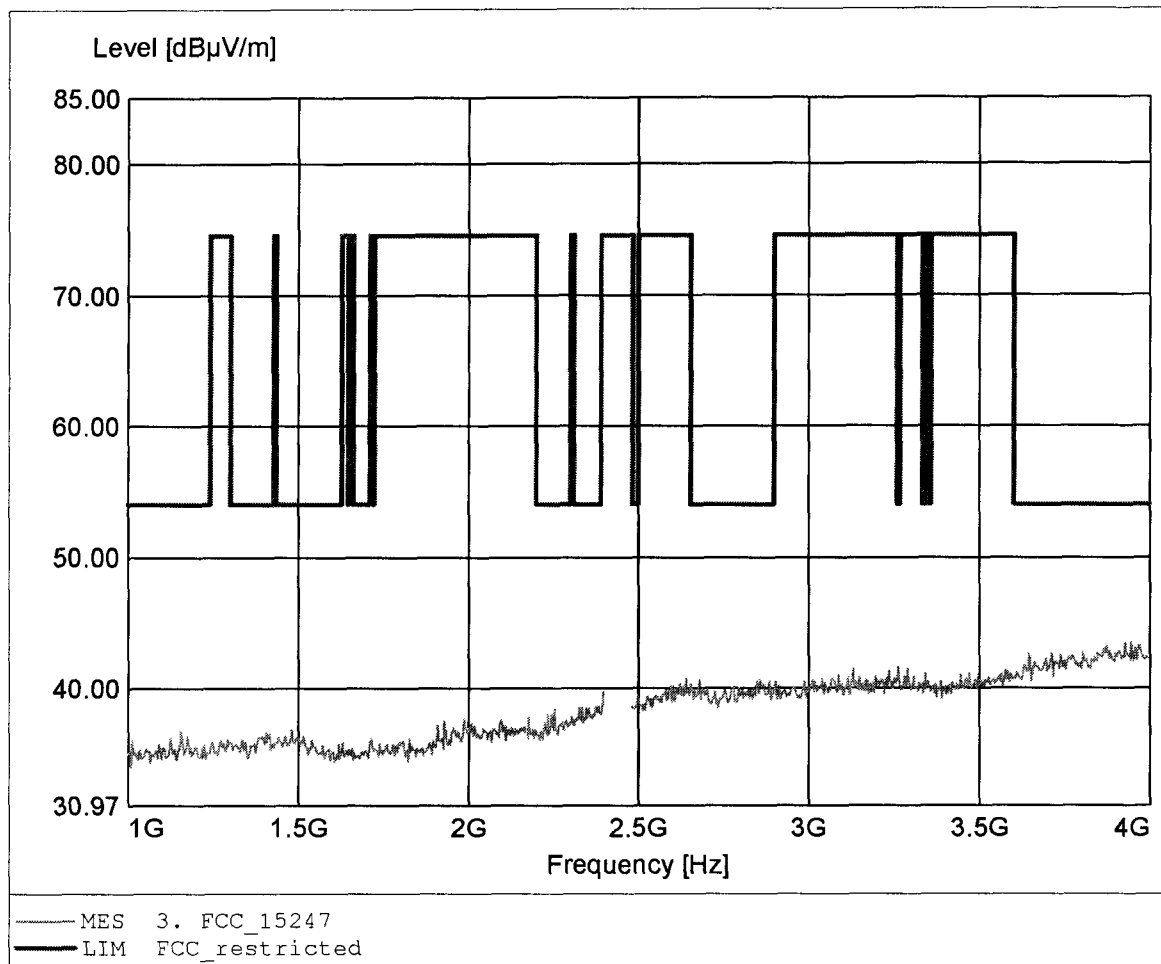
FCC RULES PART 15, SUBPART C

The graph displays two curves: a solid line for 'MES 2. FCC_15247' and a thick solid line for 'LIM FCC_restricted'. The y-axis is 'Level [dBμV/m]' ranging from 3.07 to 85.00. The x-axis is 'Frequency [Hz]' ranging from 200M to 1G. The 'LIM FCC_restricted' curve is a step function with levels around 75 dBμV/m and 46 dBμV/m. The 'MES 2. FCC_15247' curve is a noisy line starting at 10 dBμV/m and rising to 22 dBμV/m.

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

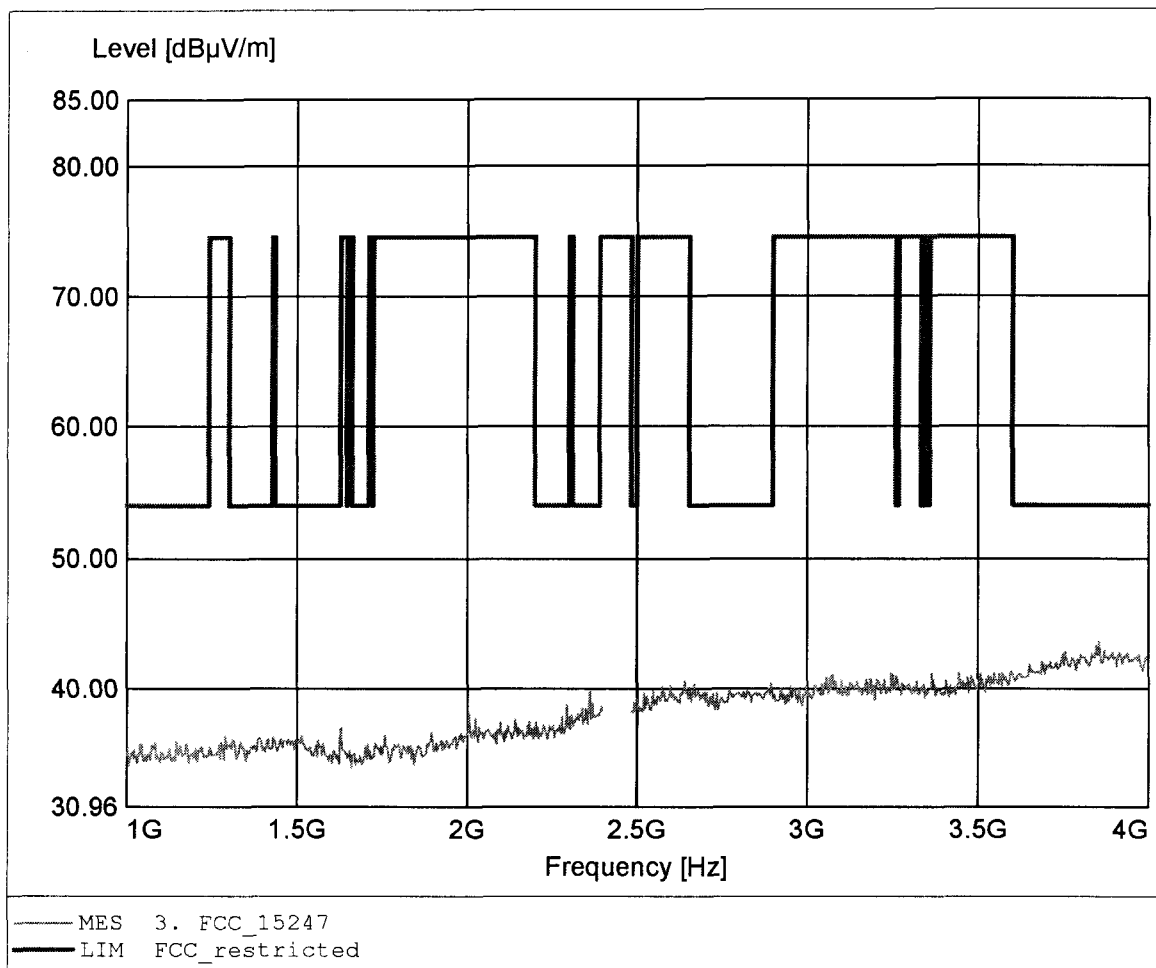
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.945GHz, Emax: 43.53dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

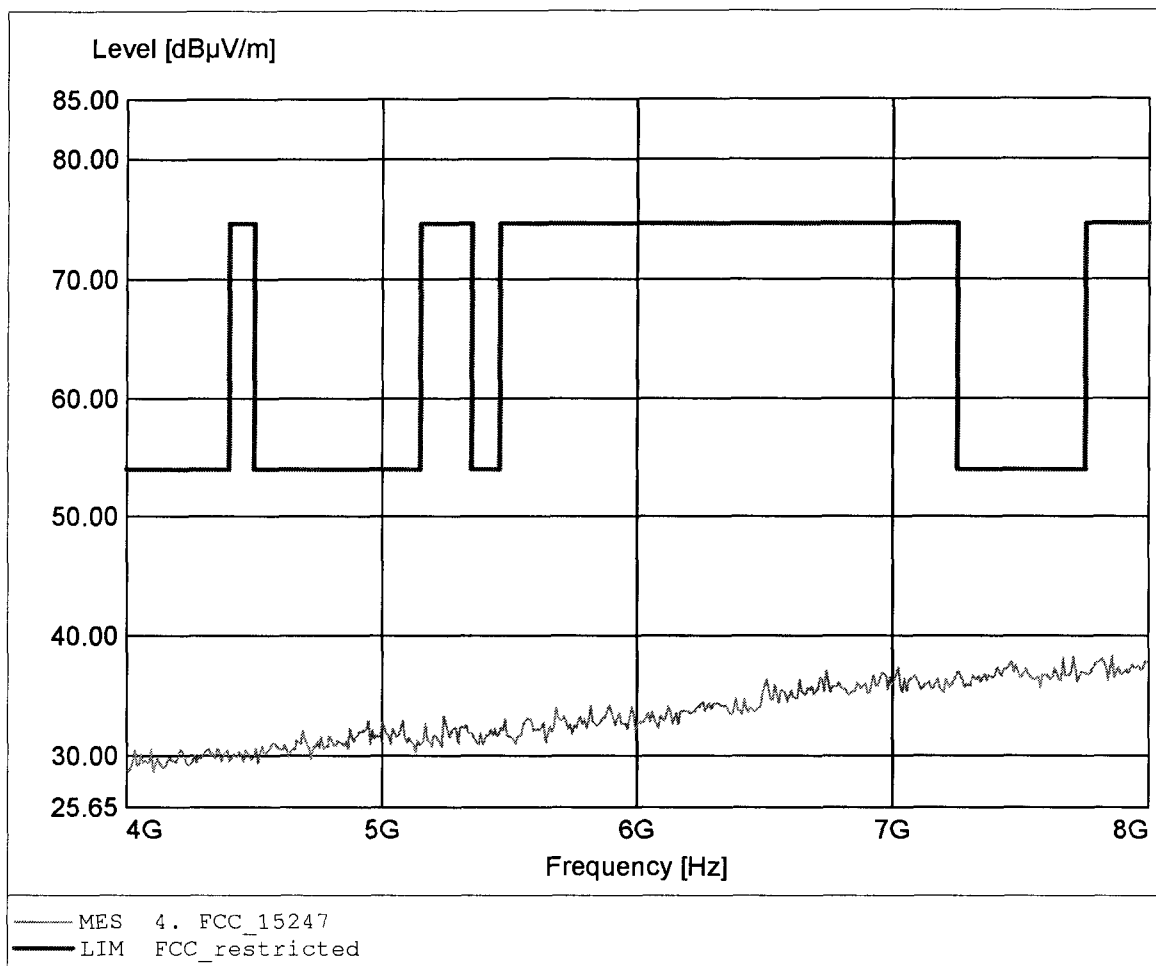
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.854GHz, Emax: 43.63dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

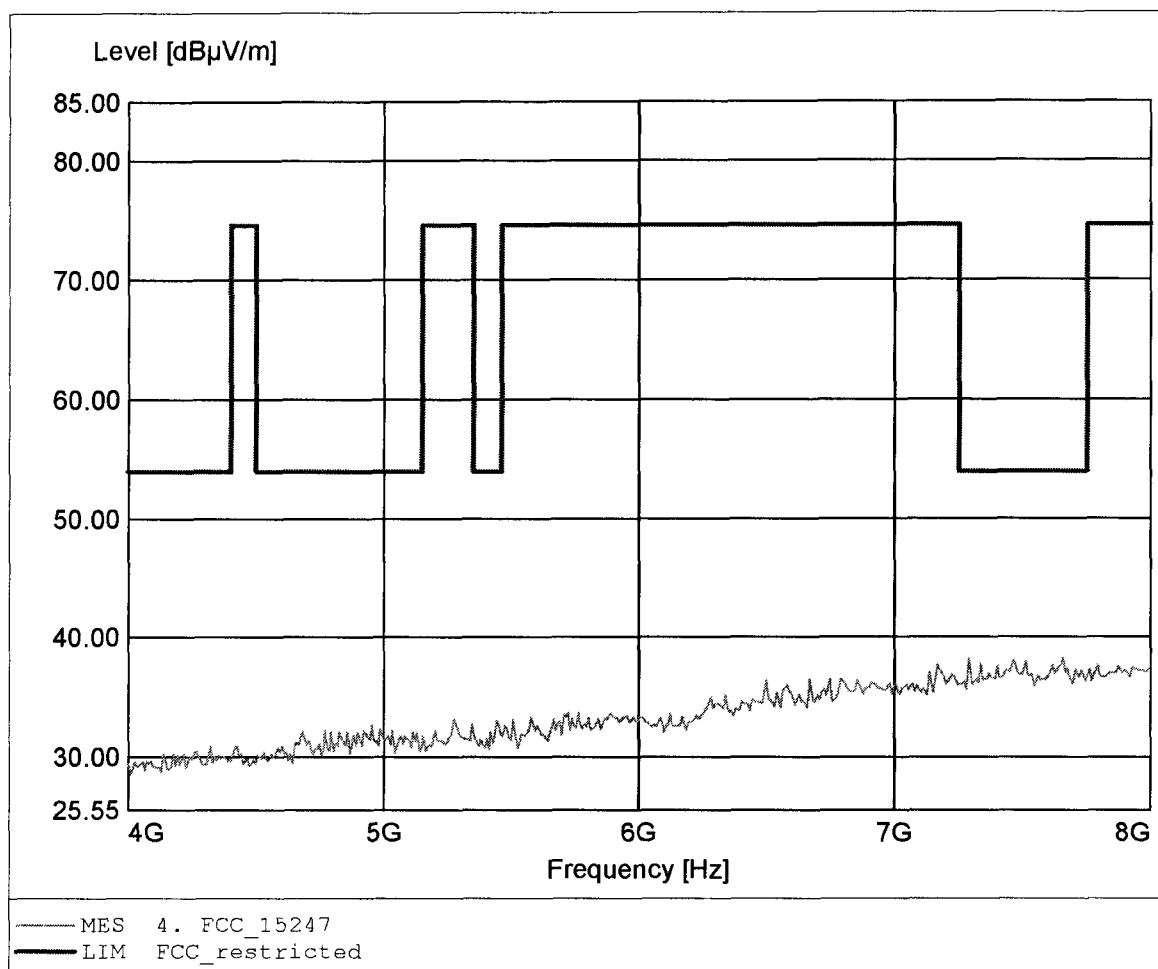
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.856GHz, Emax: 38.37dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

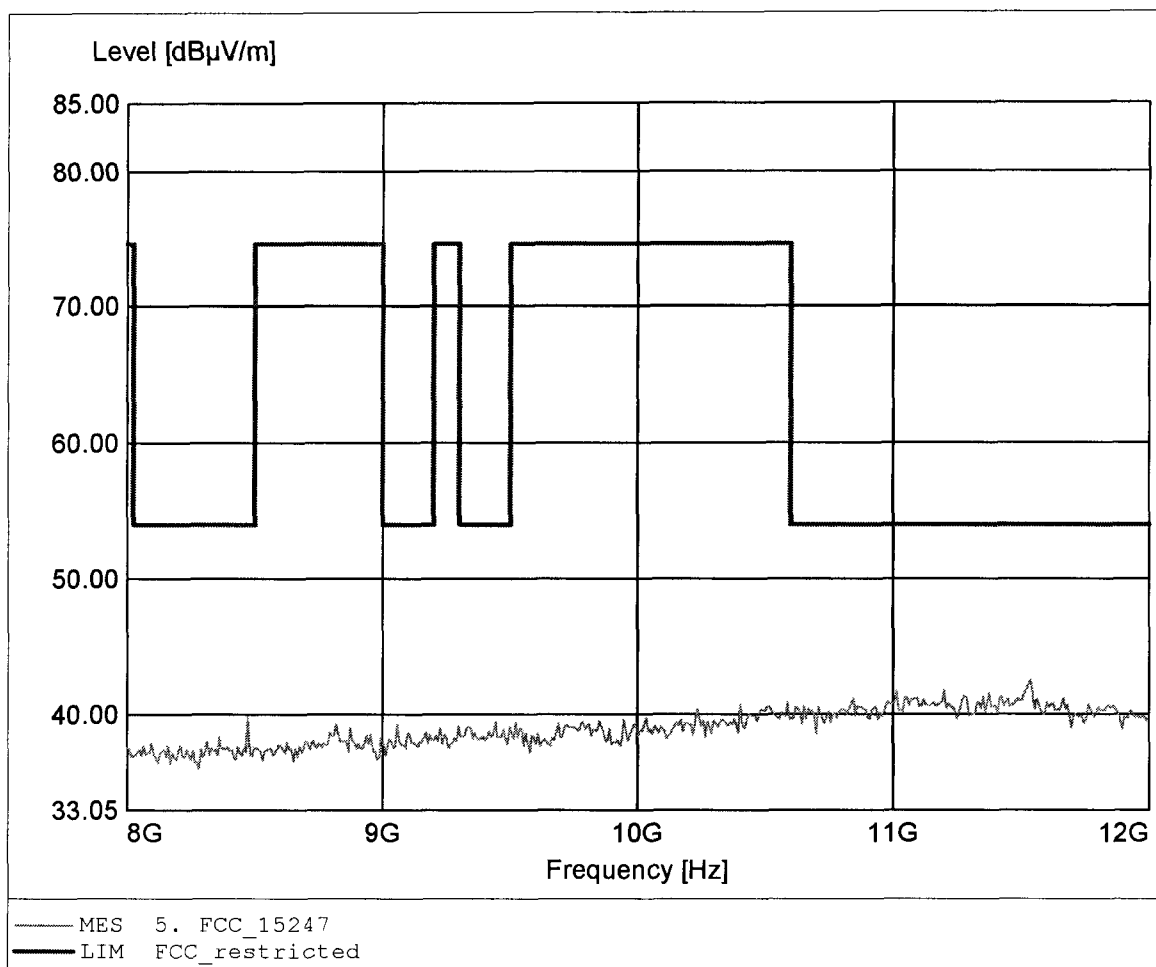
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.287GHz, Emax: 38.26dBμV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

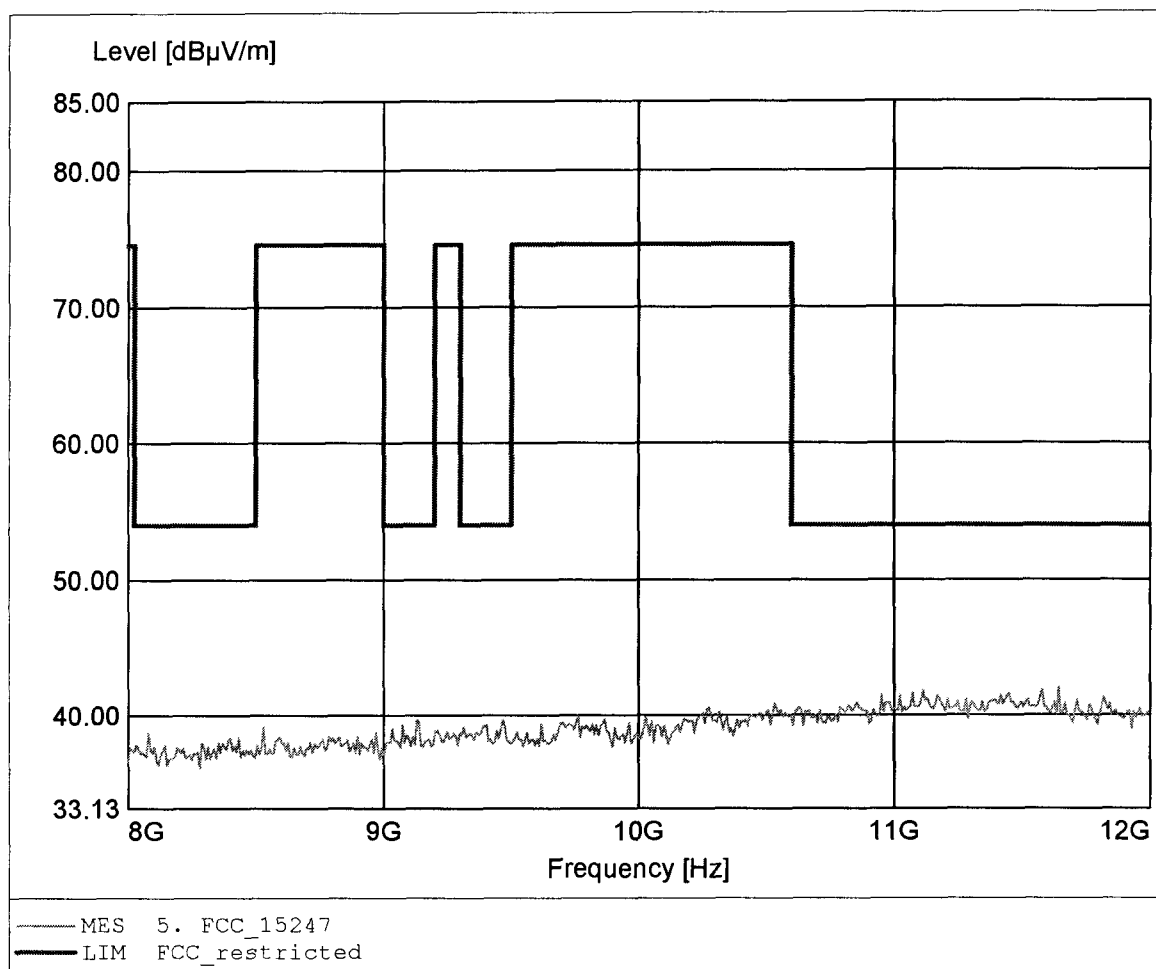
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.535GHz, Emax: 42.49dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

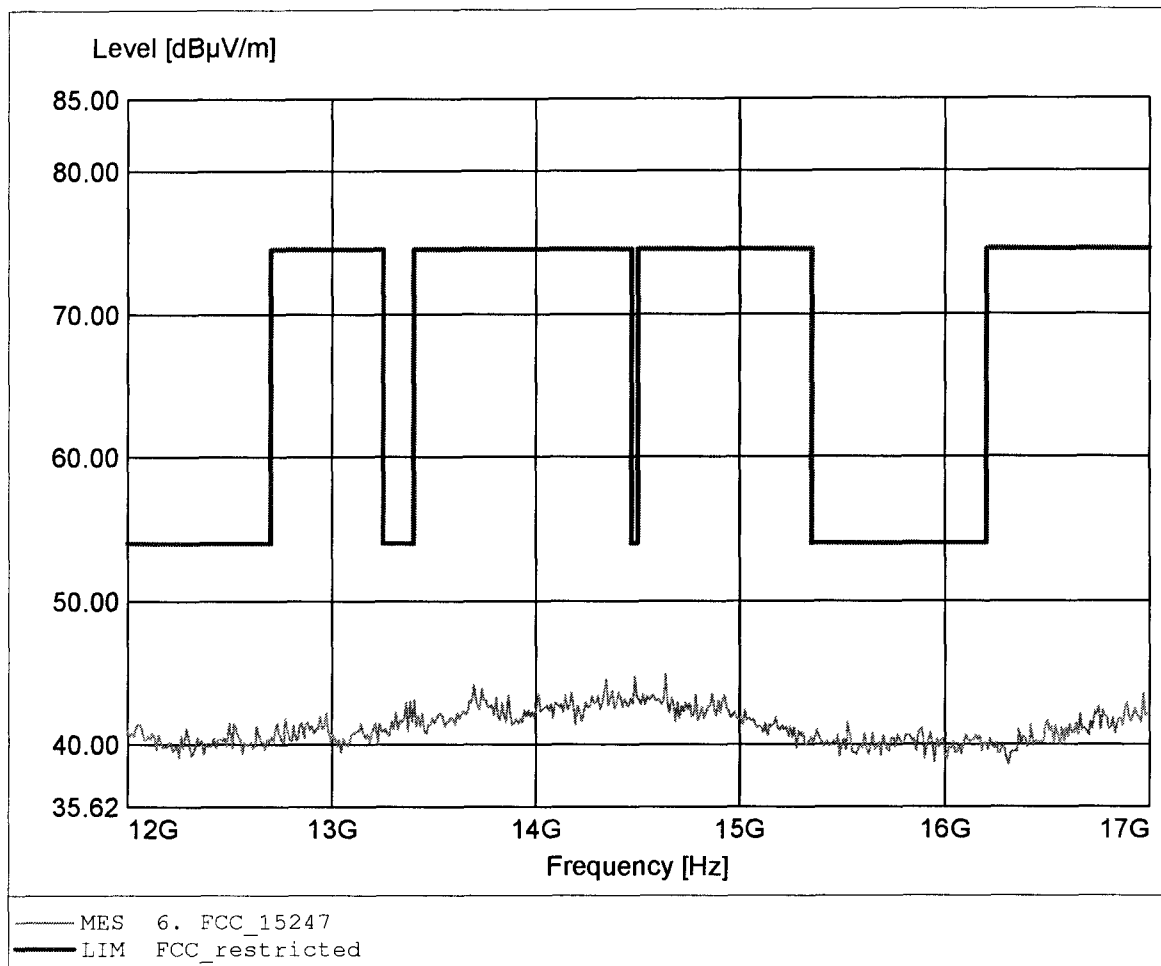
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.639GHz, Emax: 42.07dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

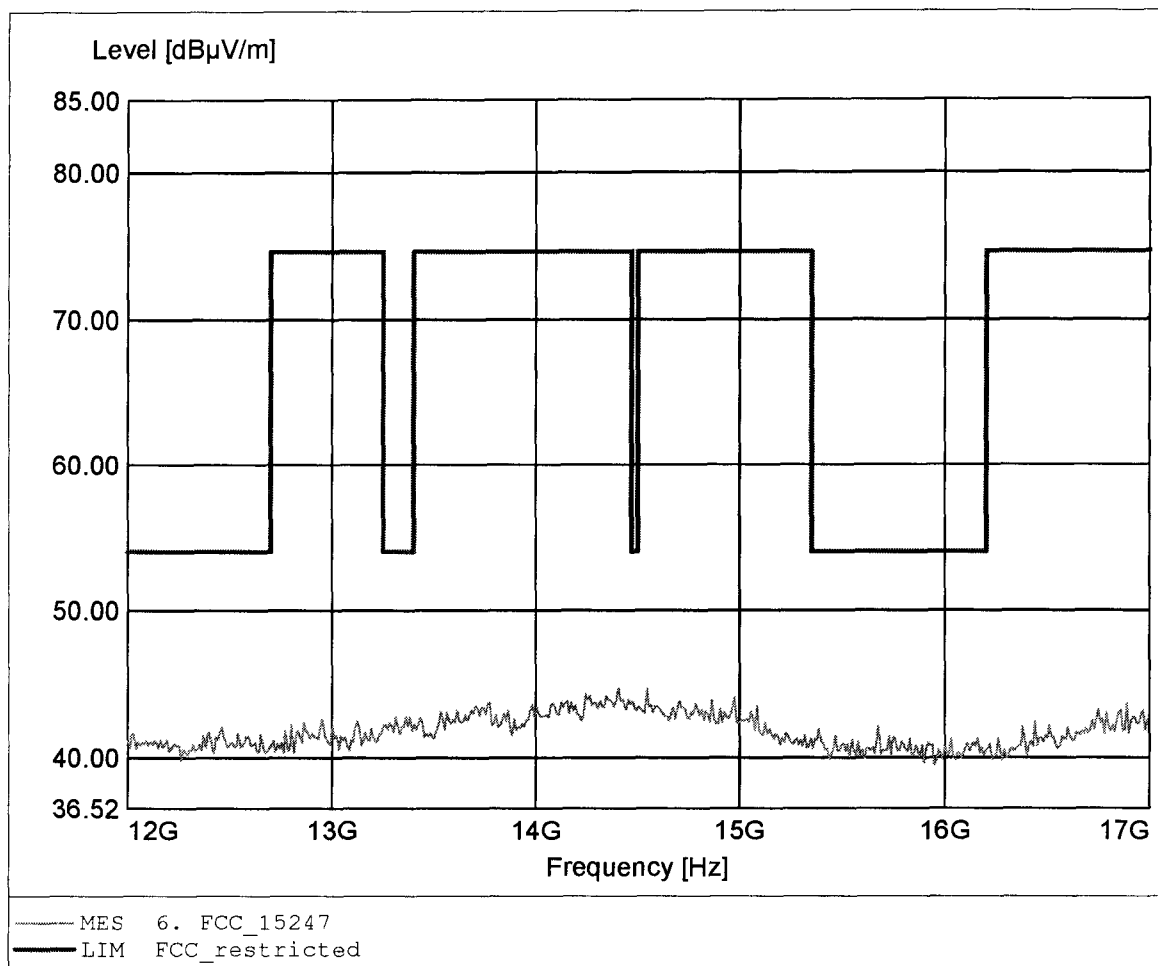
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.635GHz, Emax: 44.89dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

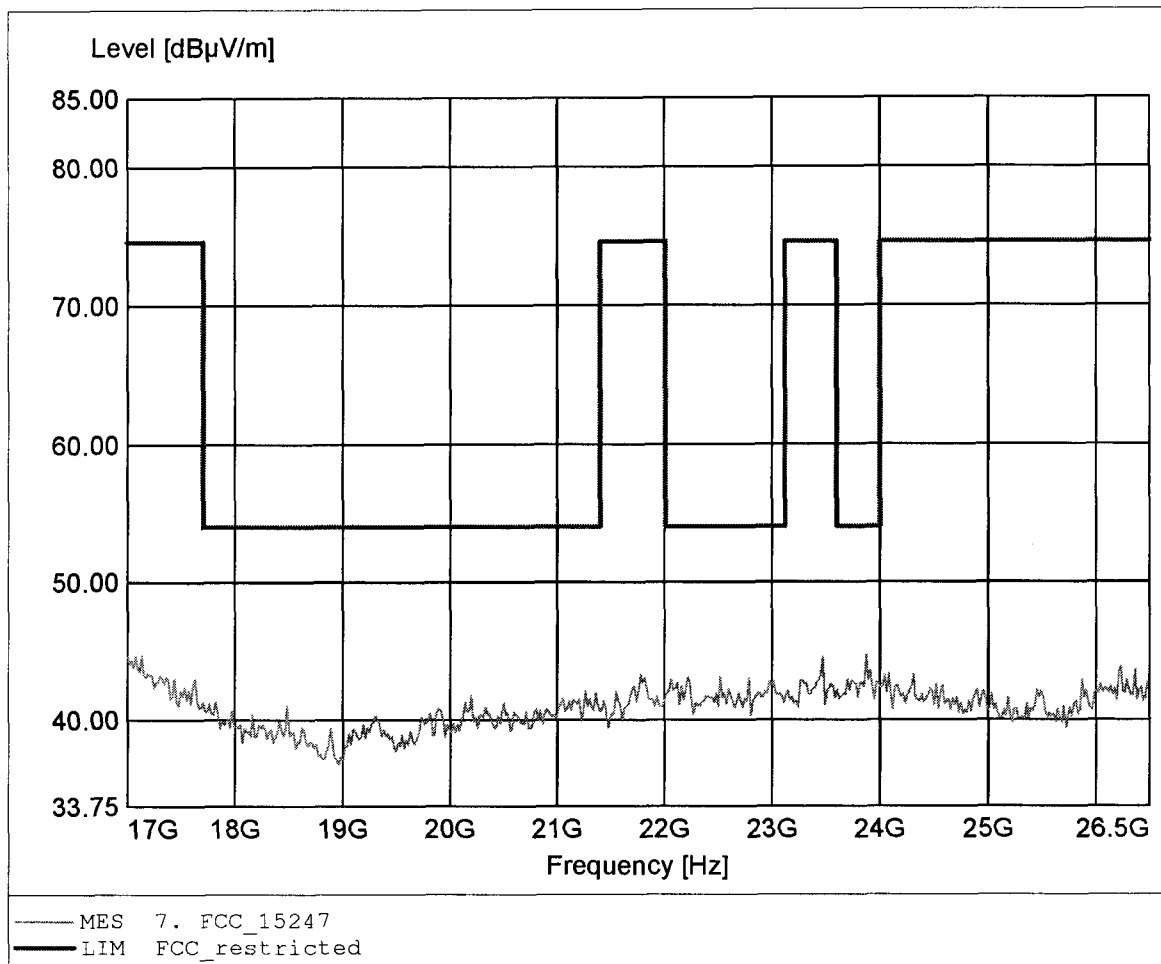
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.405GHz, Emax: 44.78dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

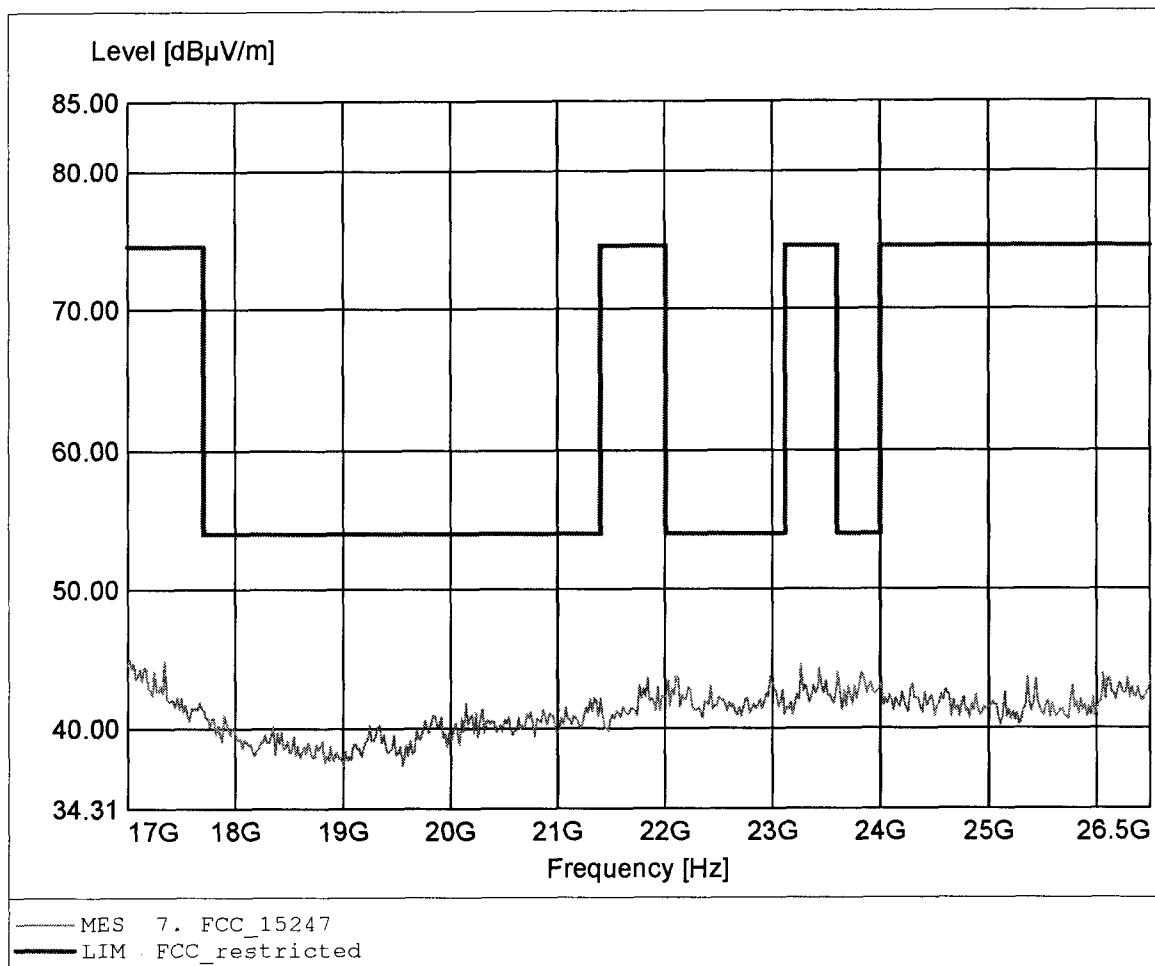
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.873GHz, Emax: 44.69dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

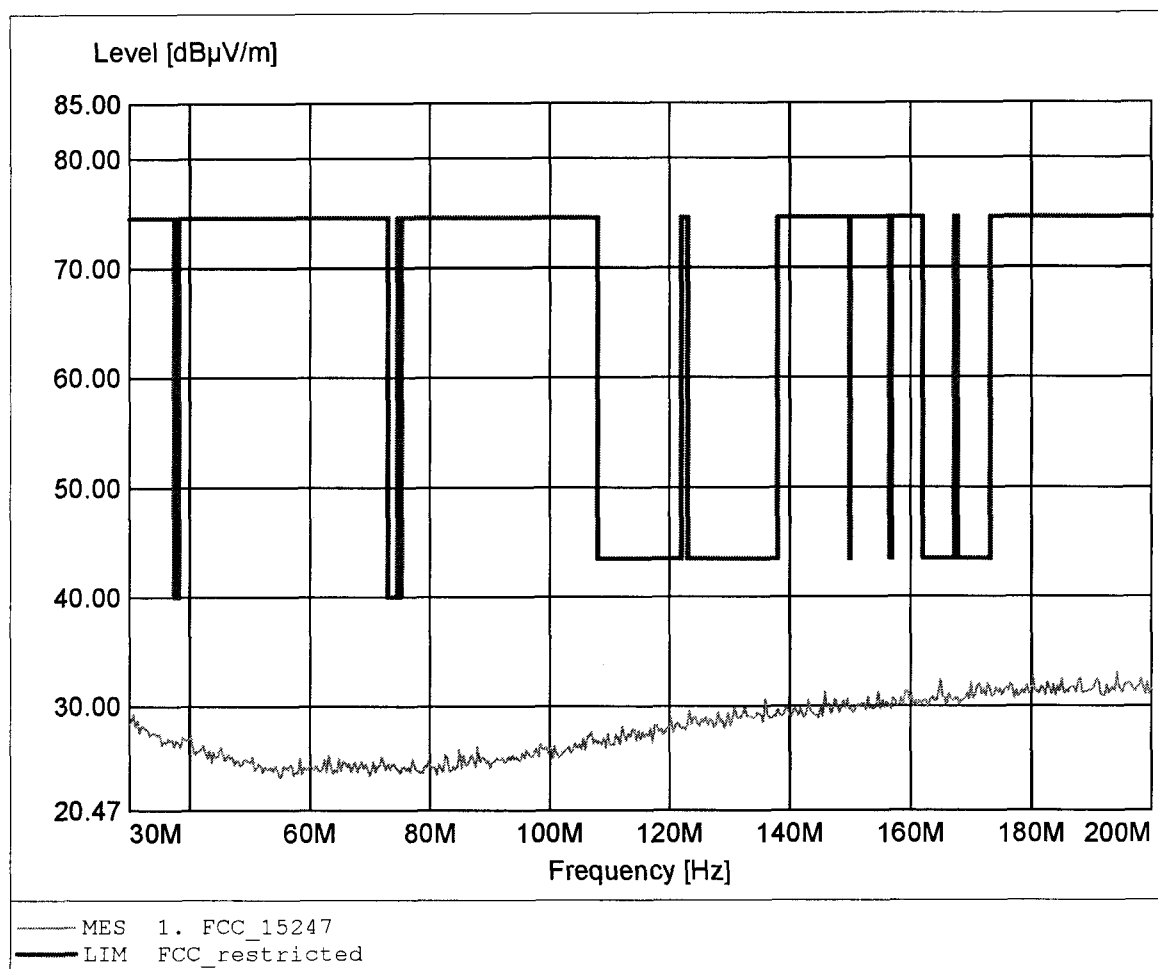
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2441 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.019GHz, Emax: 44.95dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

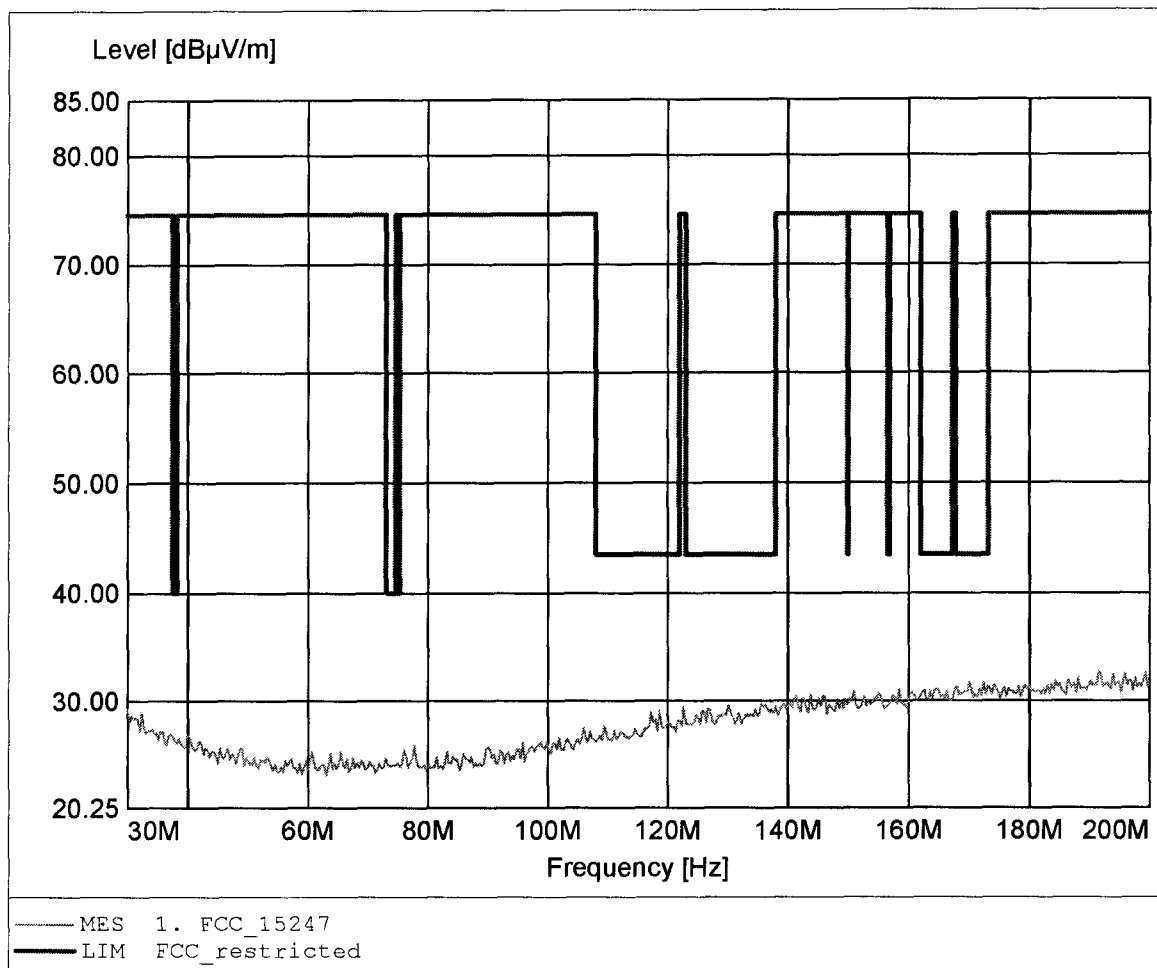
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.208MHz, Emax: 33.06dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

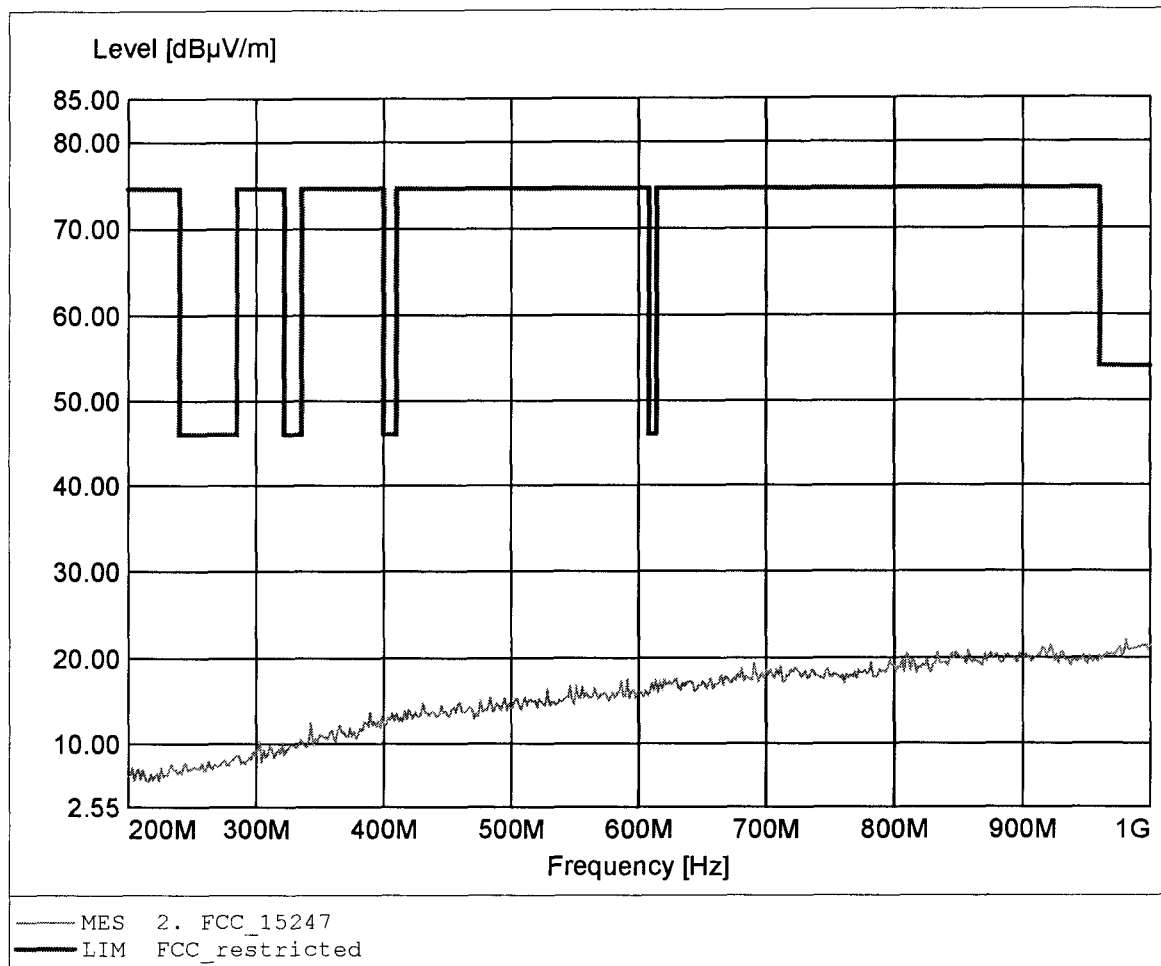
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 191.483MHz, Emax: 32.71dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

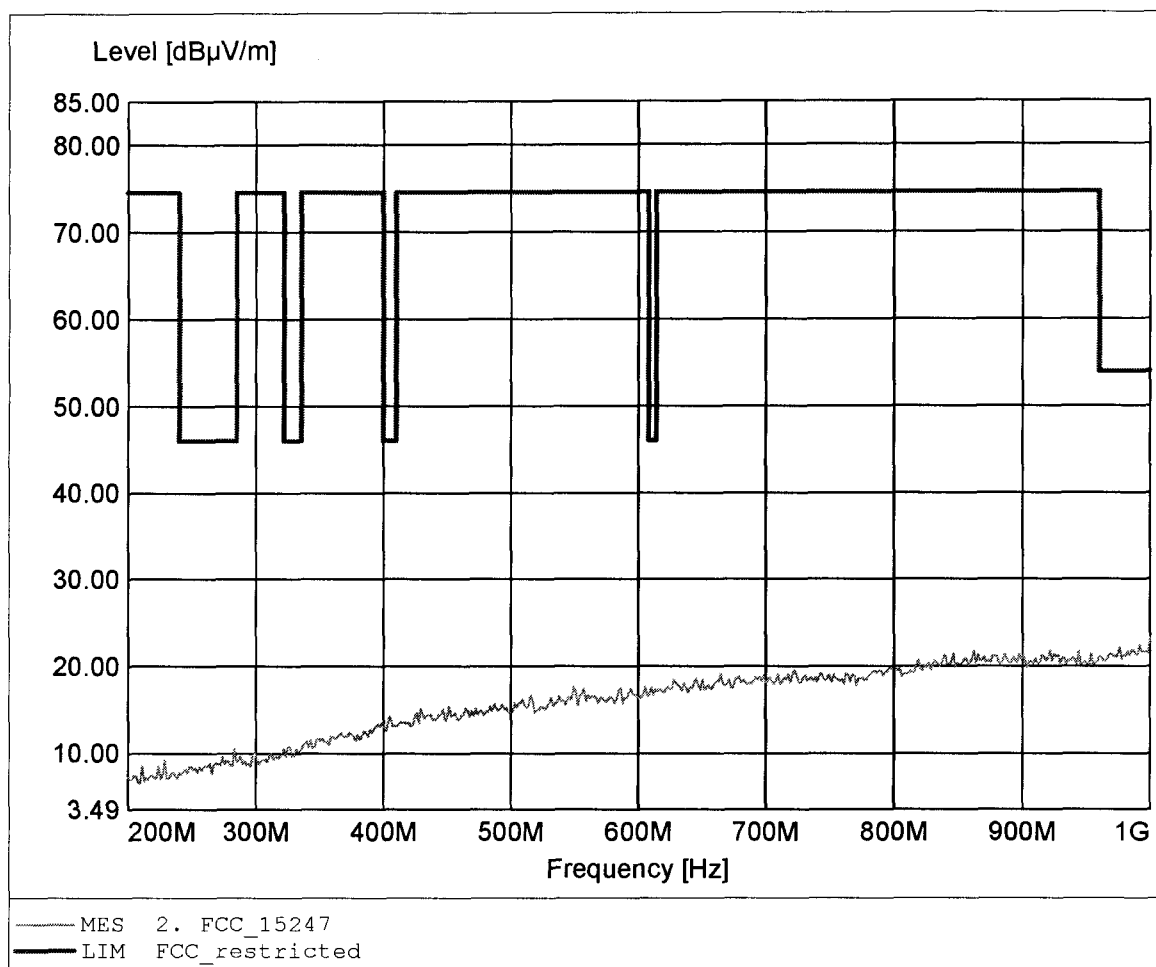
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 980.762MHz, Emax: 22.09dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

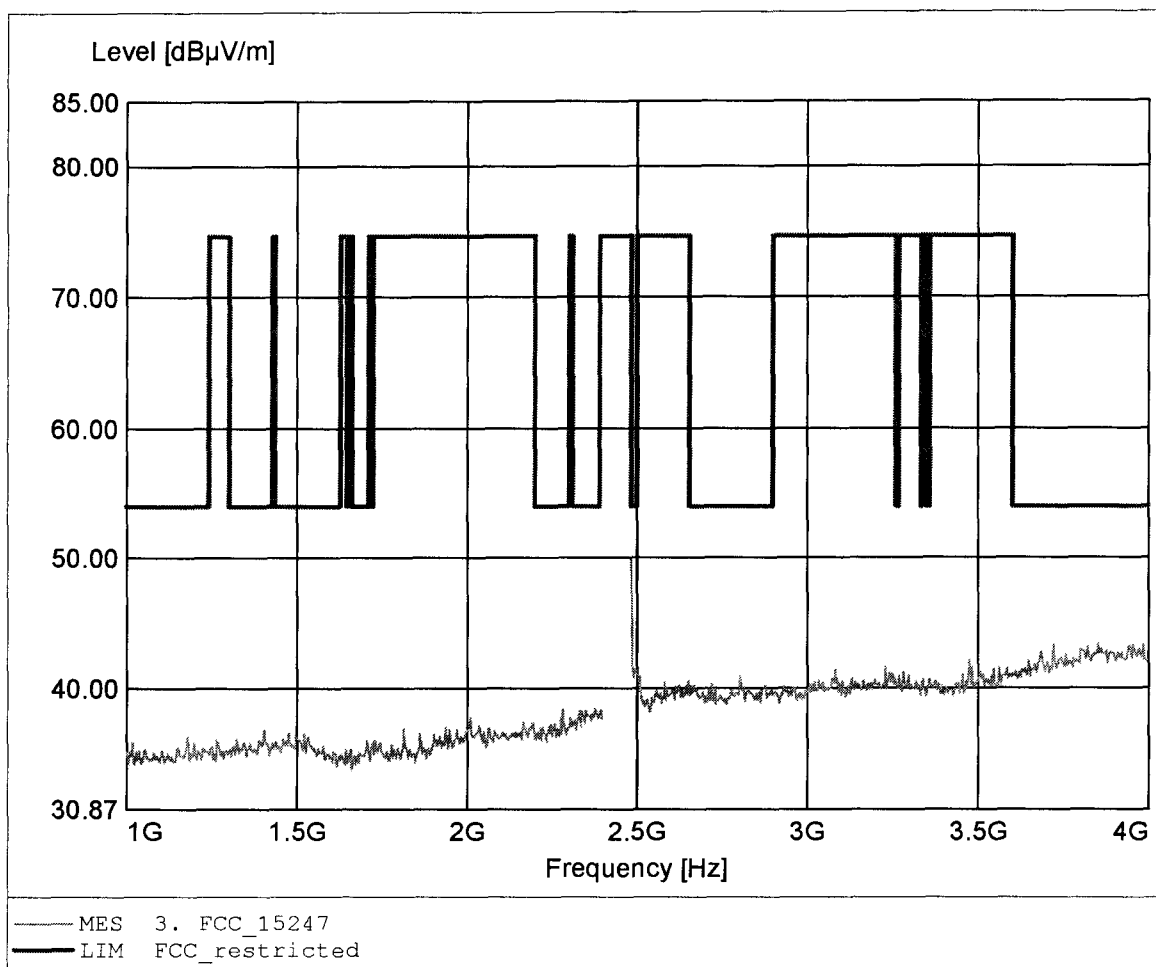
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable battery)
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 1.000GHz, Emax: 23.31dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

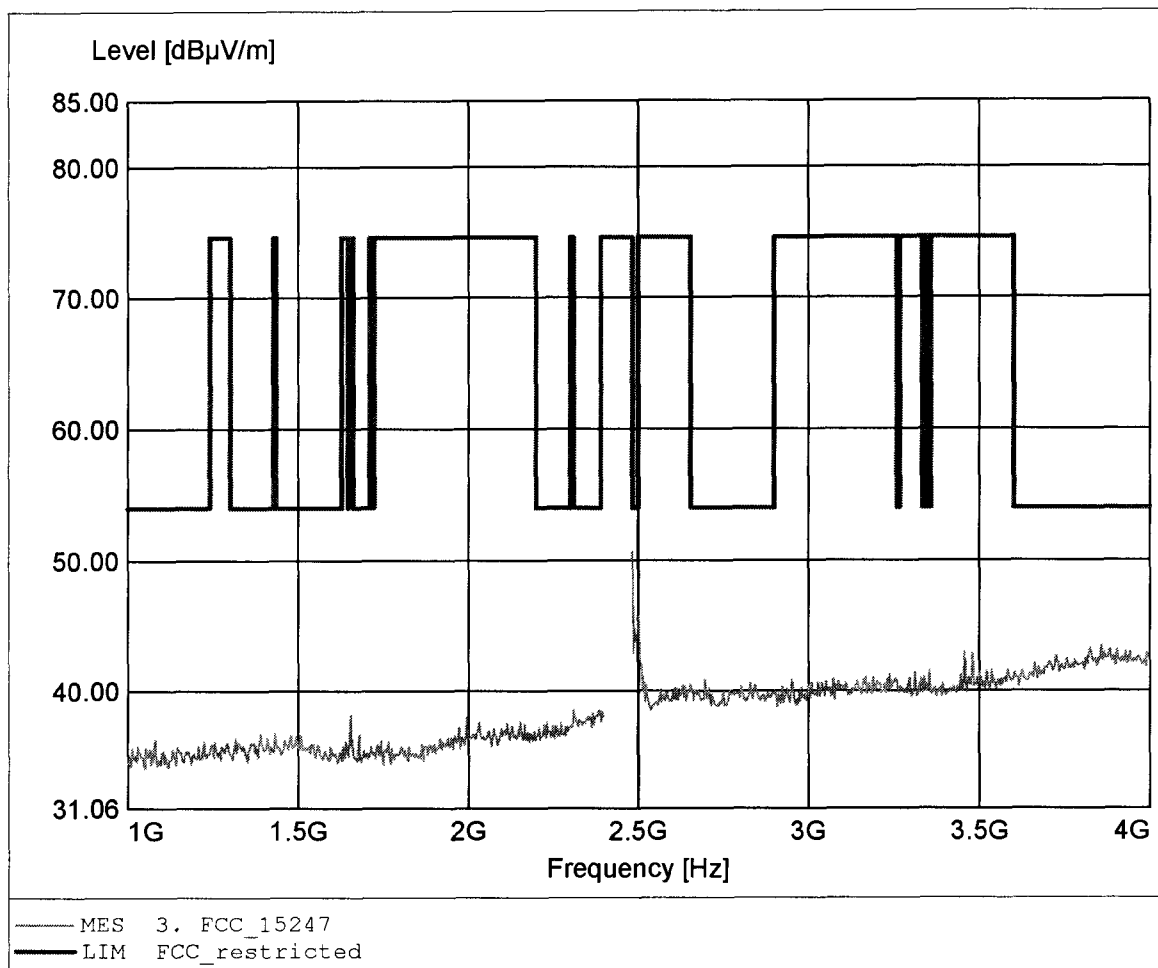
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 49.83dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

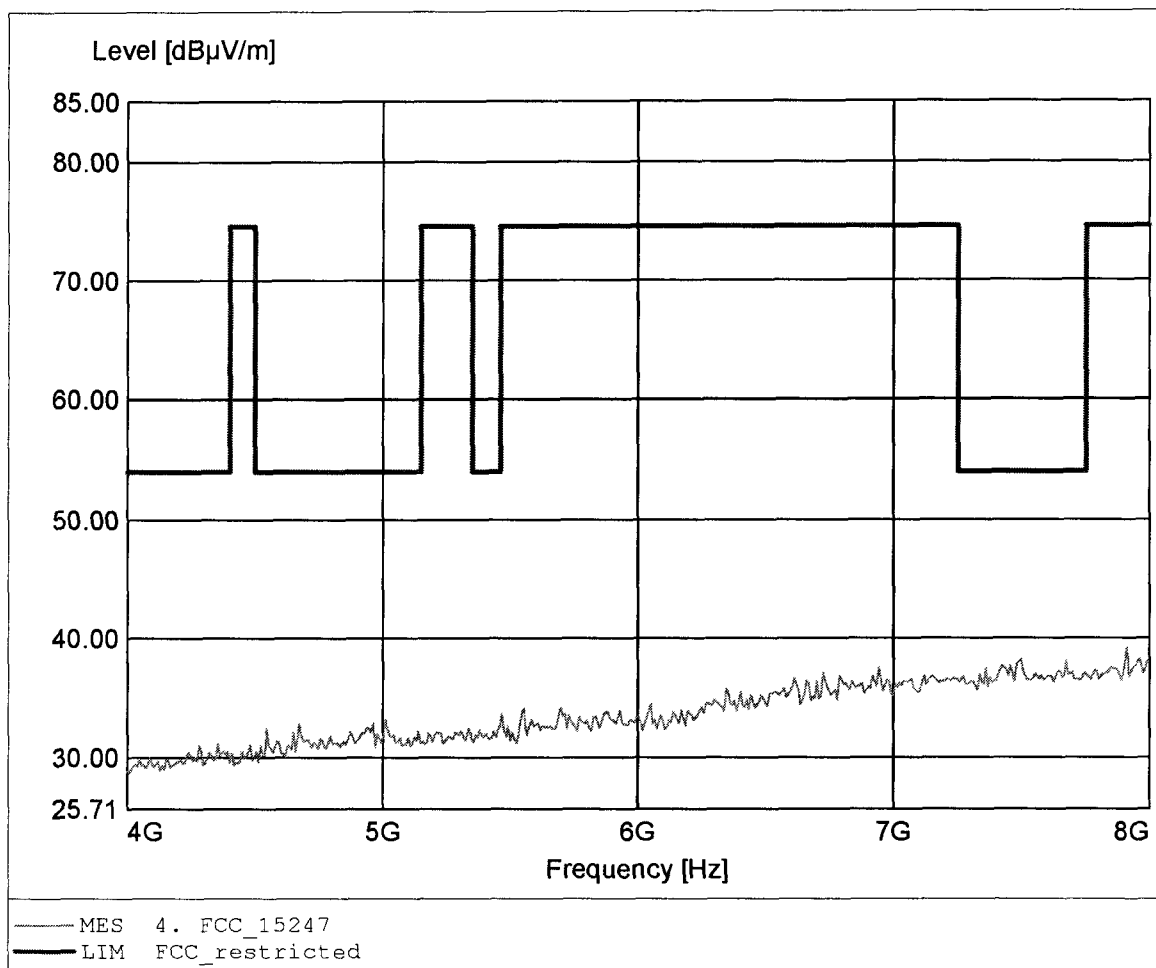
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 50.66dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

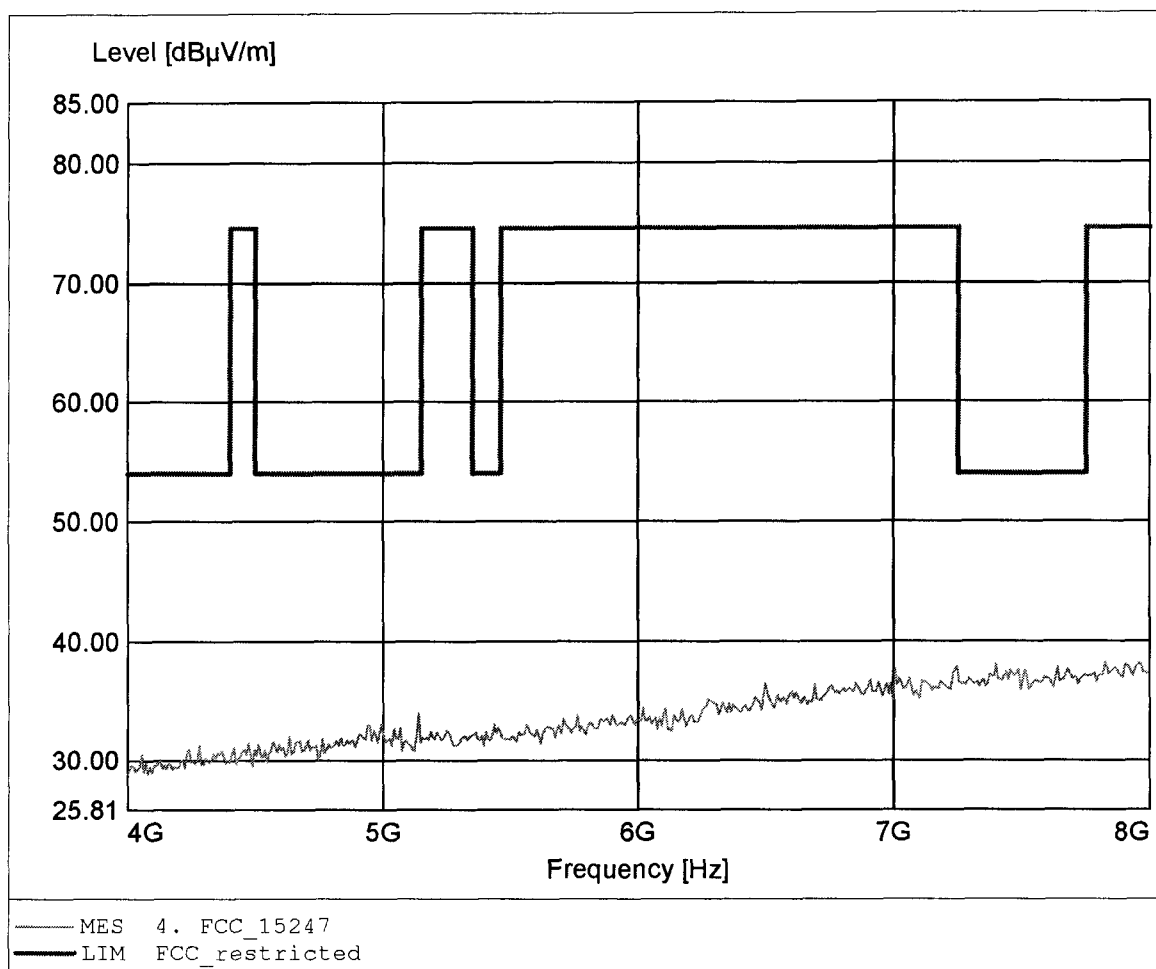
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.912GHz, Emax: 39.21dBuV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

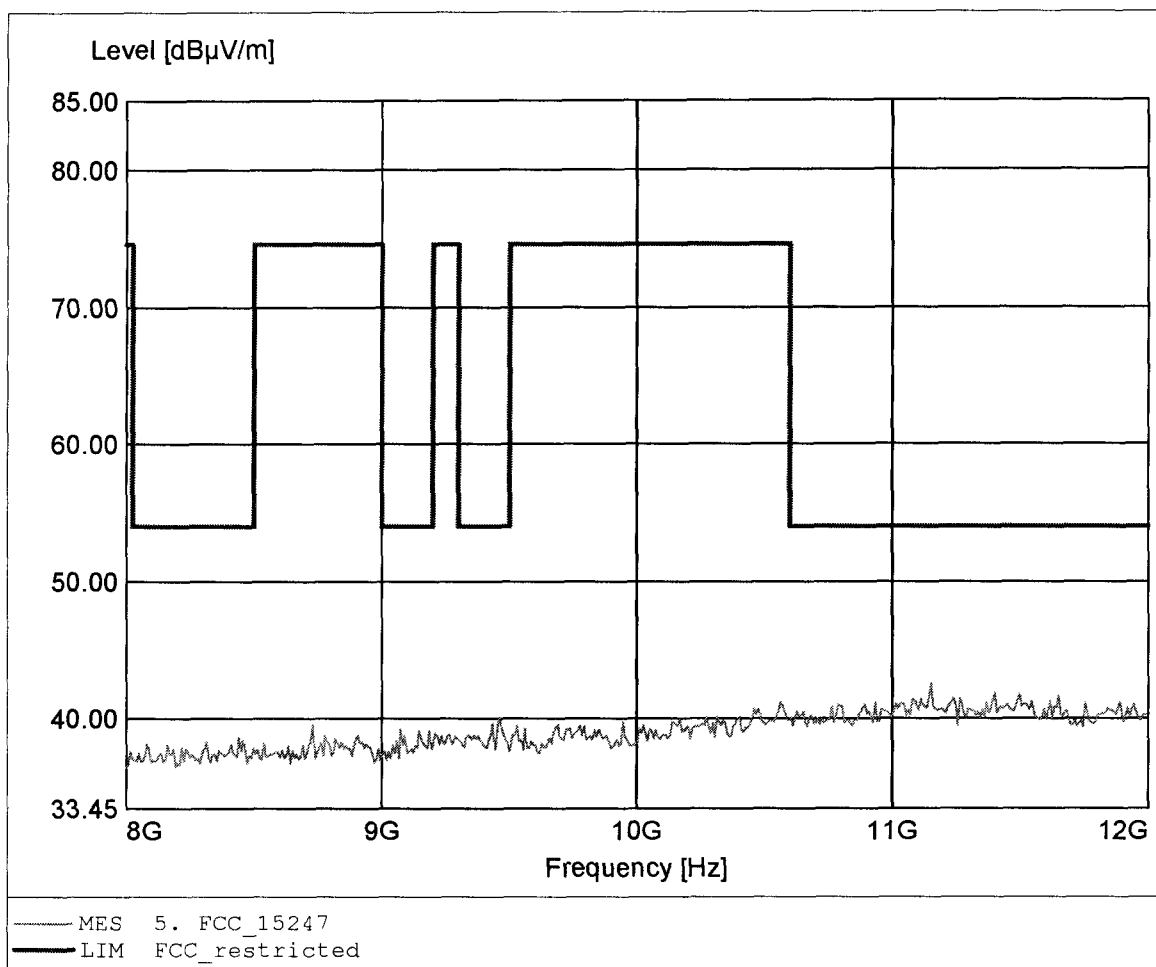
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.824GHz, Emax: 38.24dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

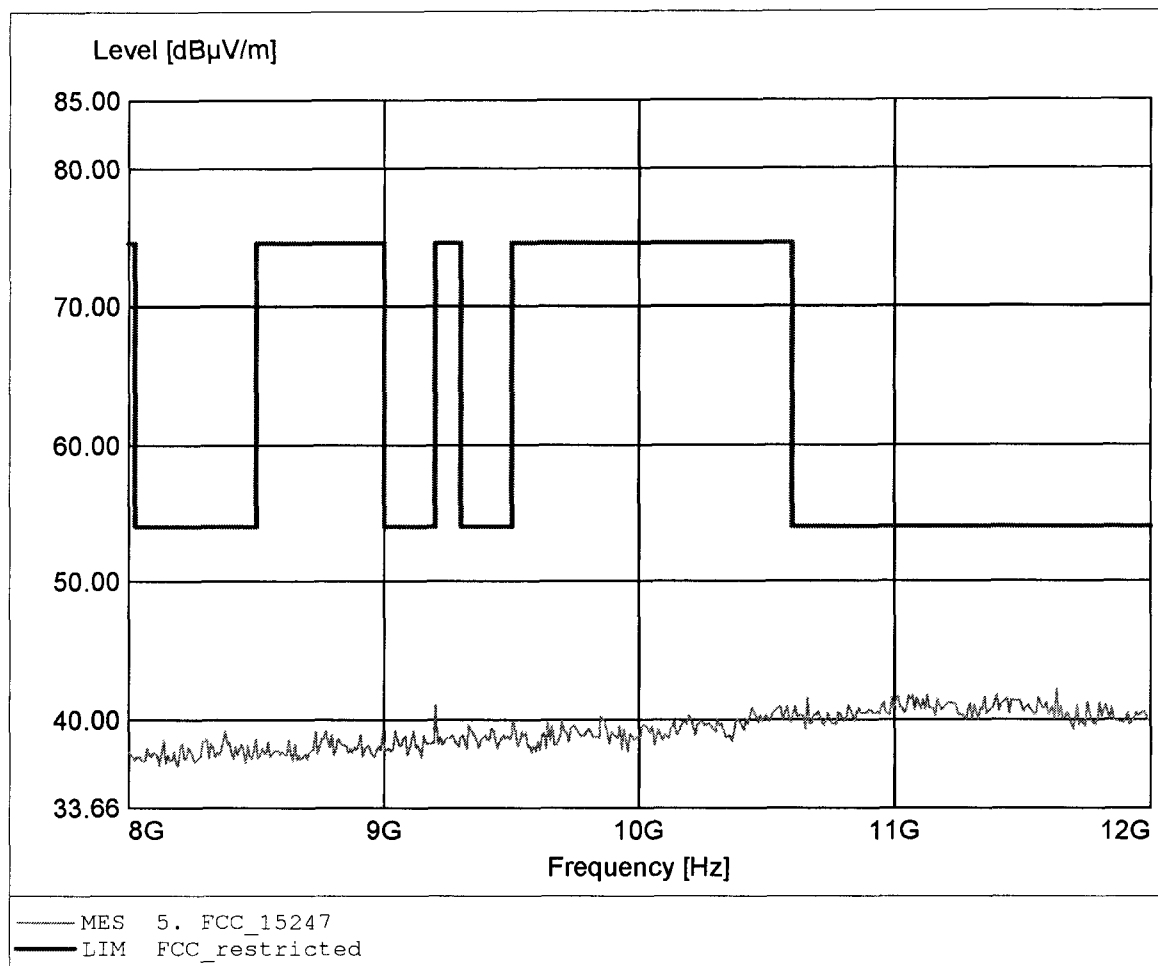
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.150GHz, Emax: 42.53dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

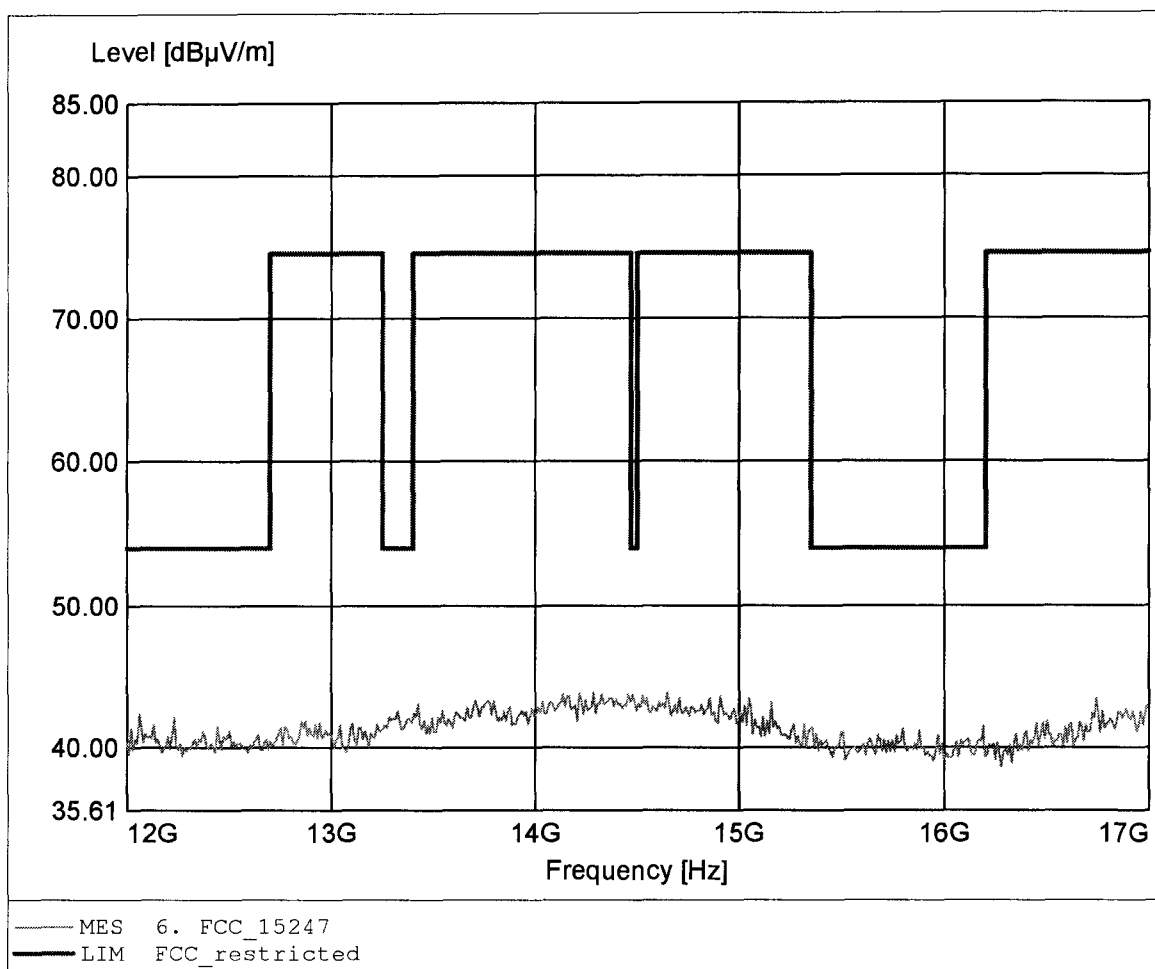
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.631GHz, Emax: 42.16dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

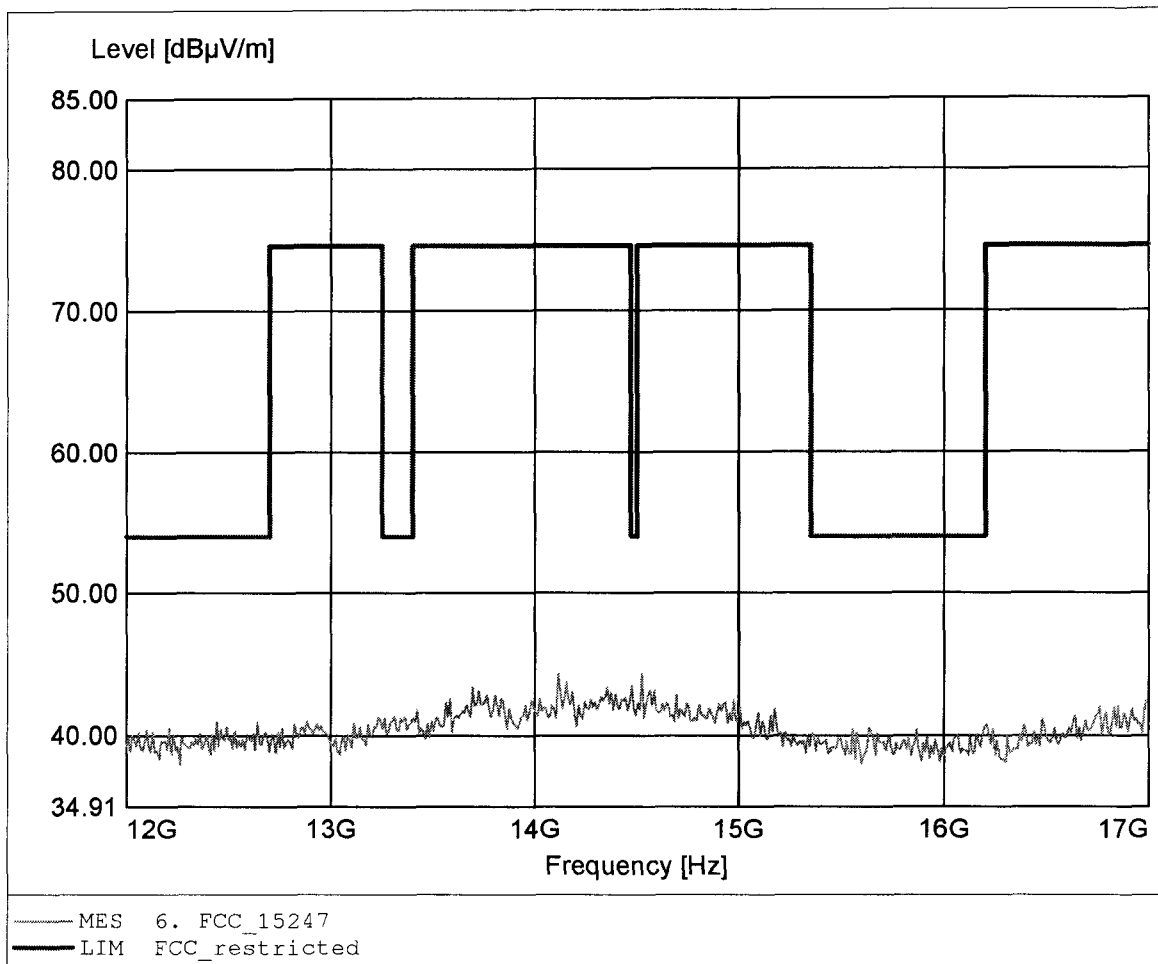
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.645GHz, Emax: 43.89dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

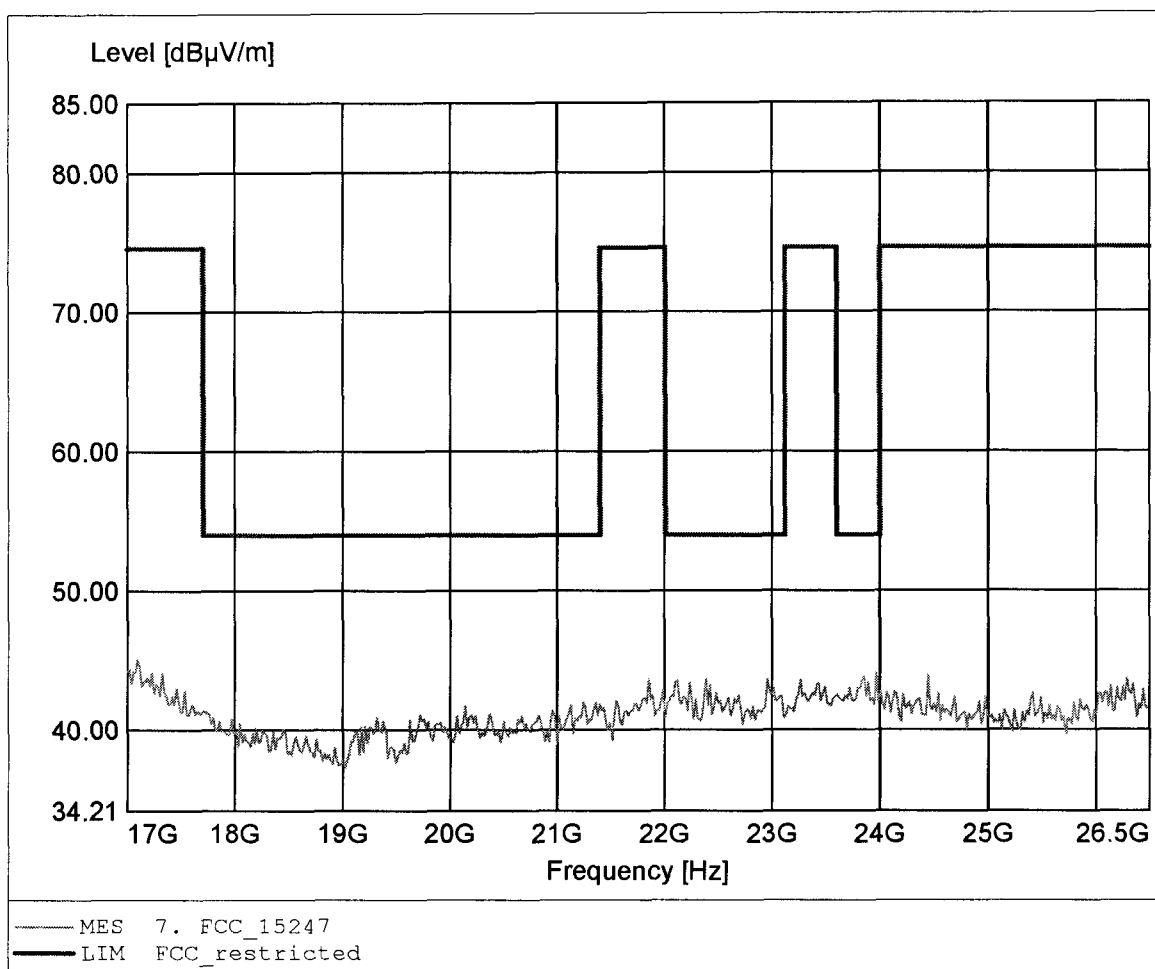
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.525GHz, Emax: 44.34dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

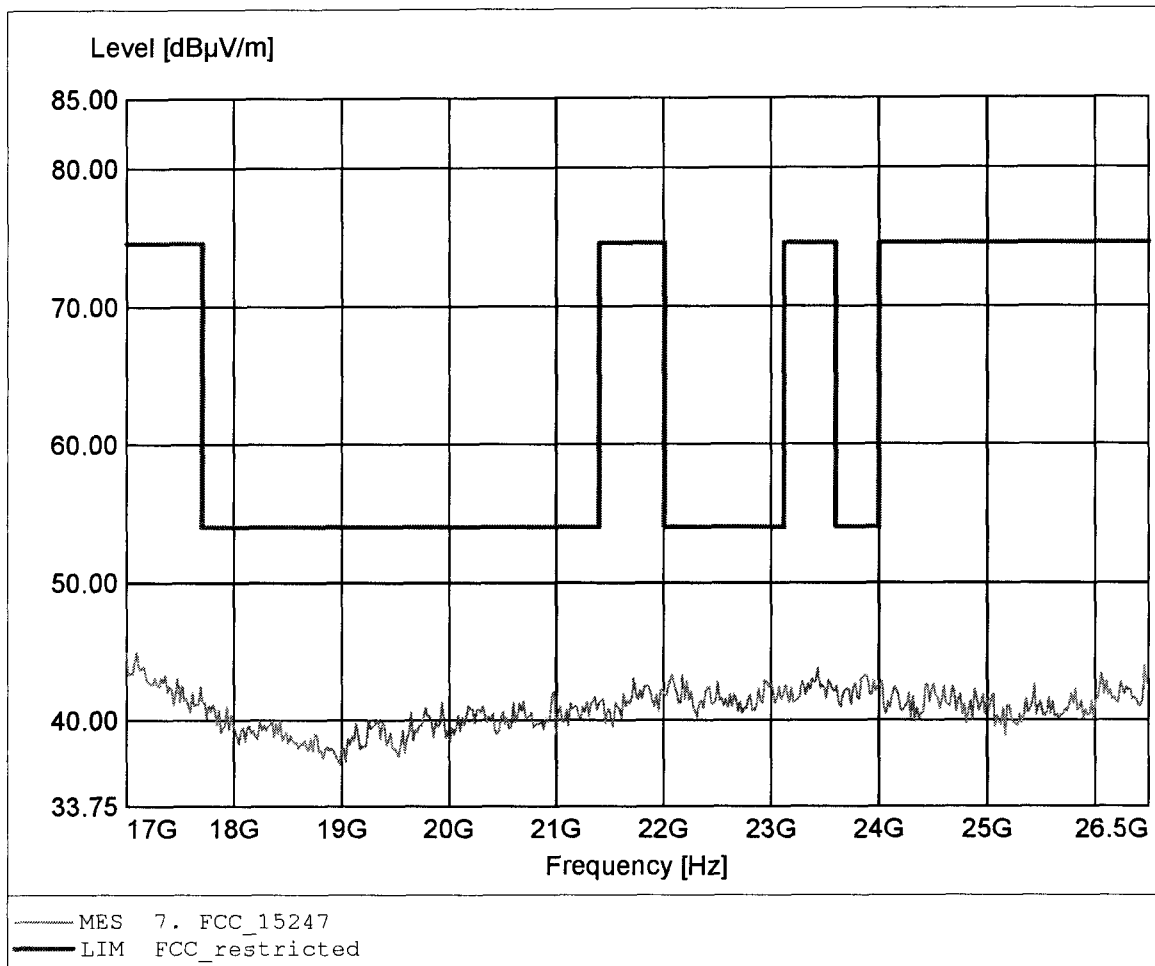
Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.095GHz, Emax: 45.04dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Pantech Co., Ltd.
EUT: GSM Phone
Model: PG-3700 / max. power 2480 MHz
Test Site / Operator: ETS / Mr. Treffke
Test Condition: 25°C / Unom: 4.0 V (rechargeable batterie)
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 44.93dBμV/m, RBW: 1MHz



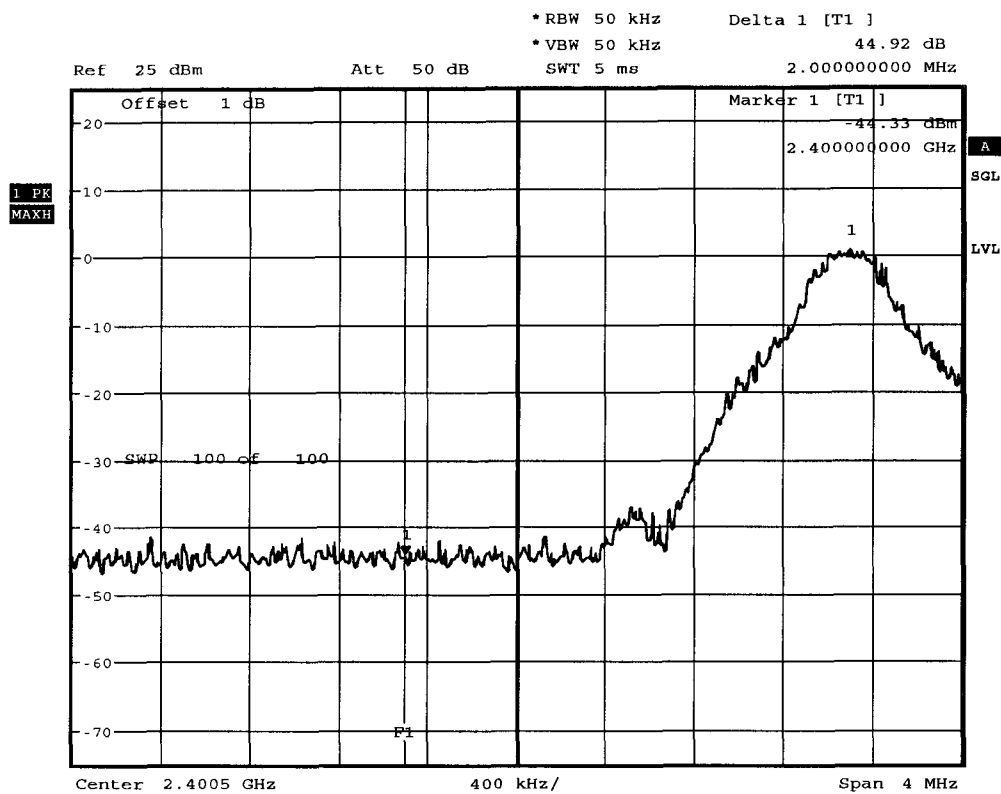
Appendix J

Band-edge compliance

FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Single frequency mode



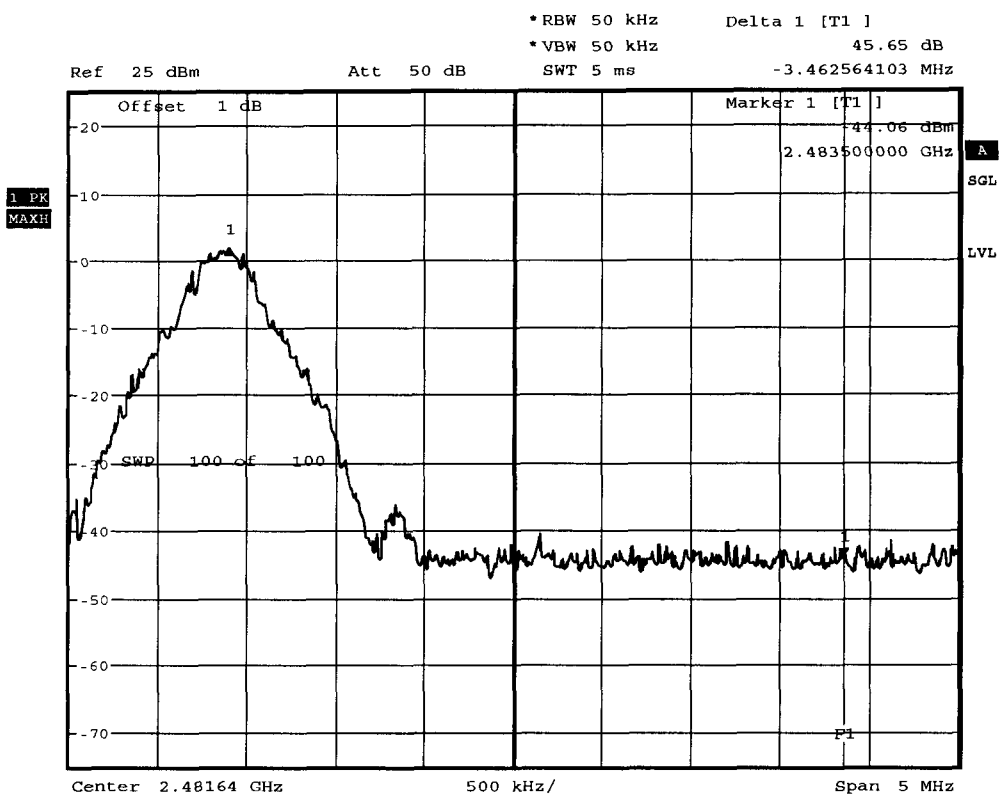
Date: 12.MAY.2006 06:58:19

Measurement diagram

FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	Single frequency mode



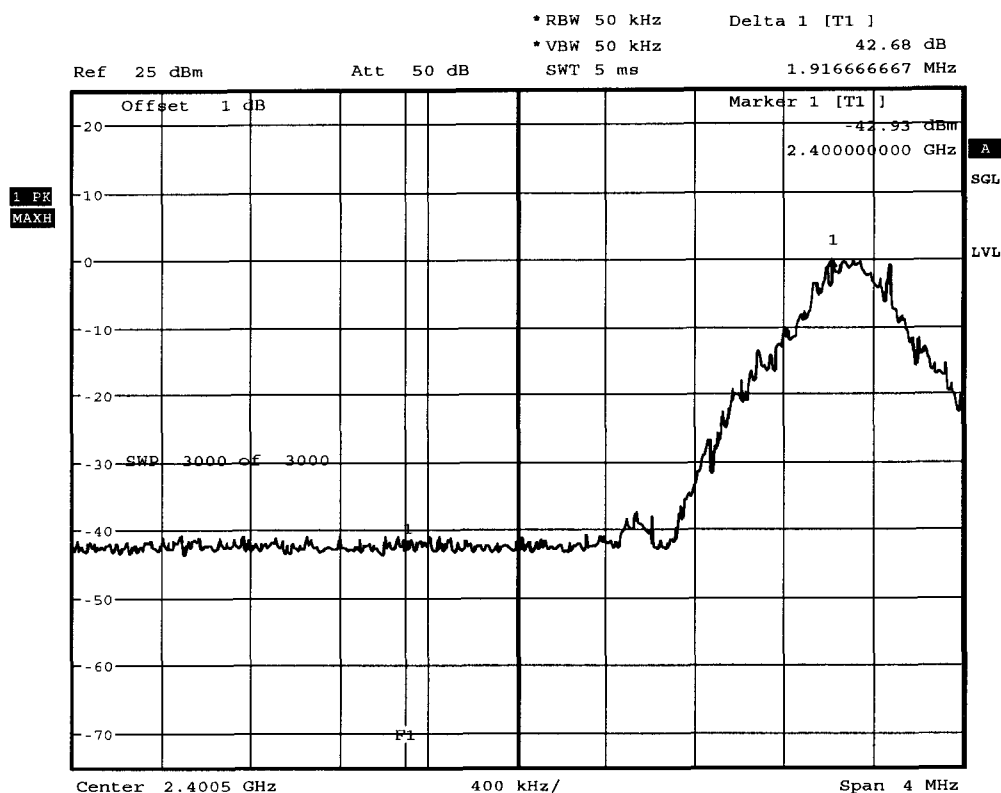
Date: 12.MAY.2006 07:00:00

Measurement diagram

FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Hopping mode



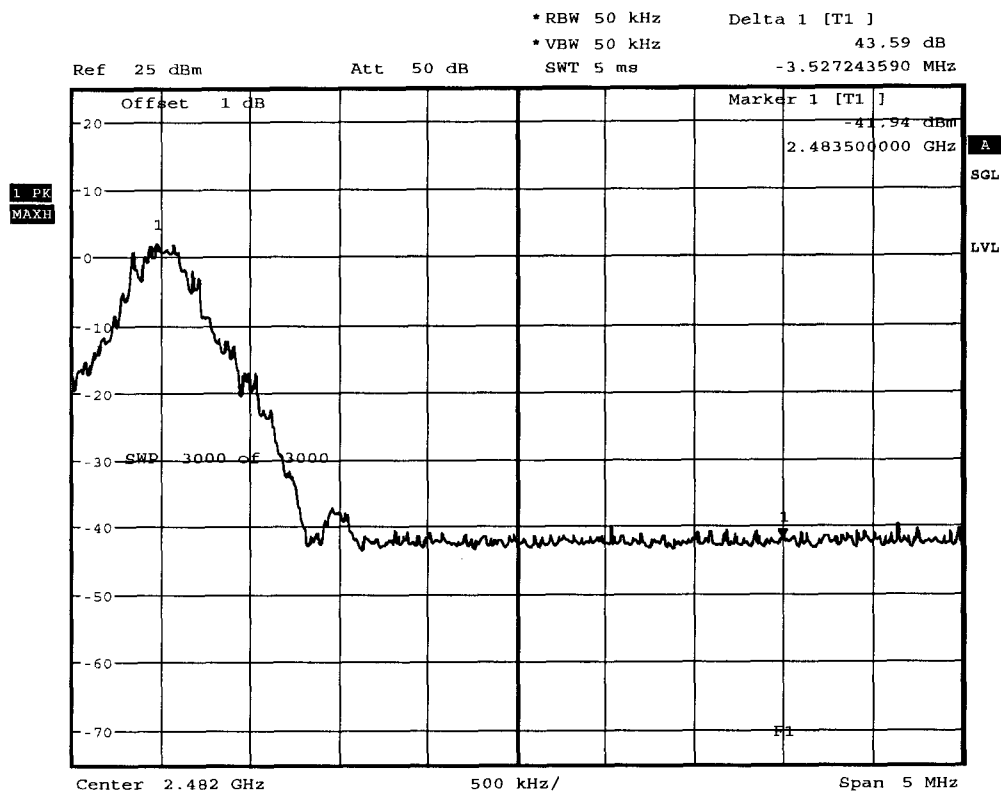
Date: 12.MAY.2006 06:50:54

Measurement diagram

FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	GSM Phone
Model	PG-3700
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C
Test Site / Operator	ETS Dr. Genz GmbH
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel: 78 / 2480 MHz
Comment 3	Hopping mode



Date: 12.MAY.2006 06:54:01

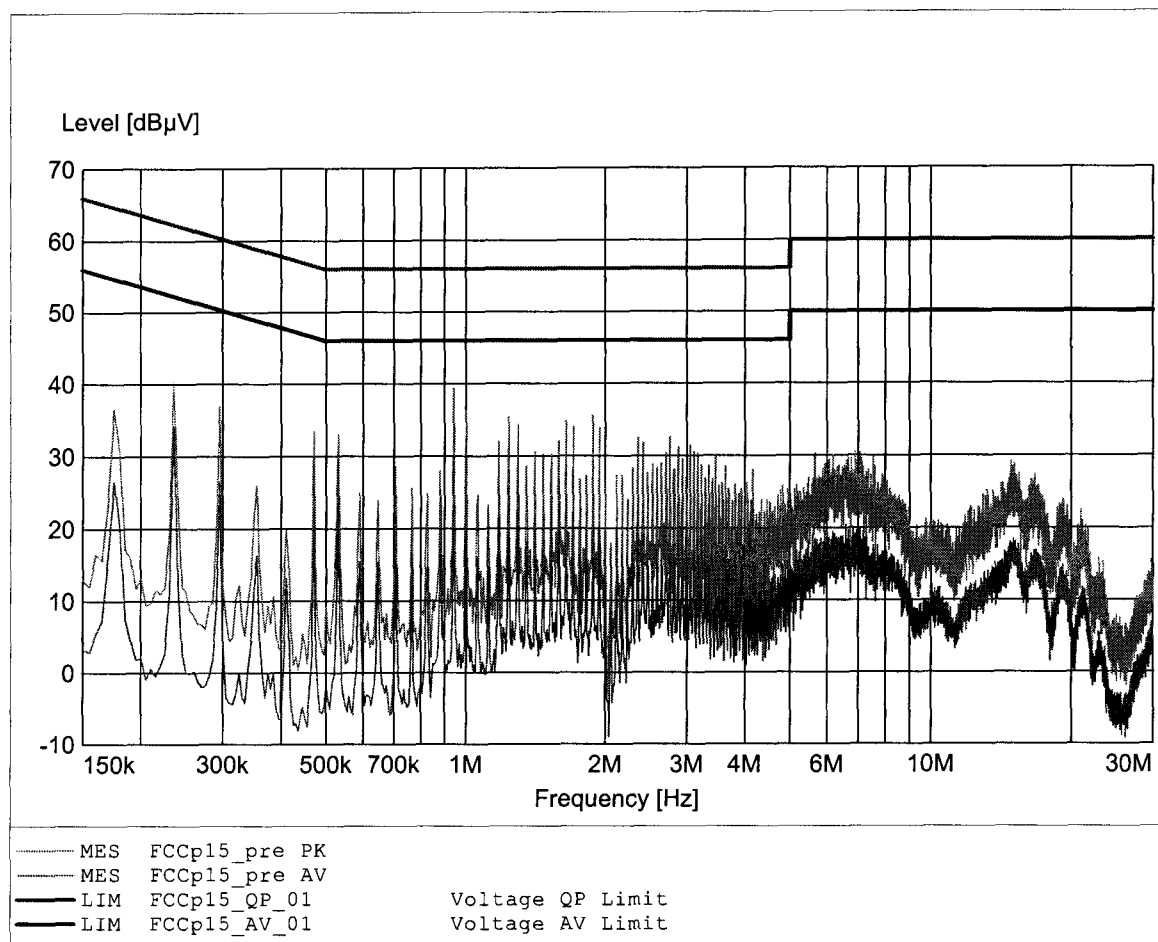
Measurement diagram

Appendix K

AC power line conducted emissions

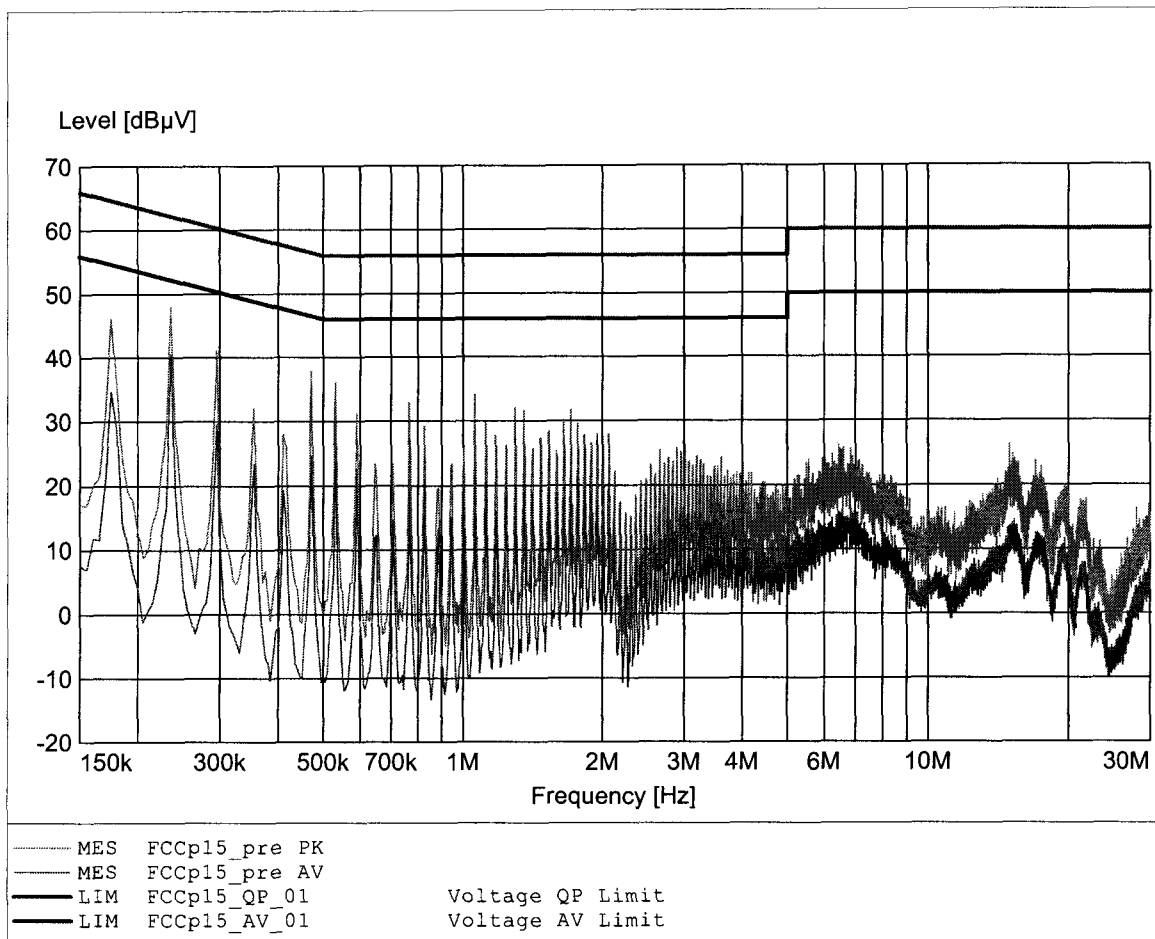
EMI voltage test in the ac-mains according to FCC part 15

EUT: Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900
Manufacturer: Pantech CO., Ltd.
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: PG-3700 mode: PCS 1900
Adaptor: 5265C2-MC



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

EUT: Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900
Manufacturer: Pantech CO., Ltd.
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-3700 mode: PCS 1900
Adaptor: 5265C2-MC



Appendix L

Receiver radiated emissions