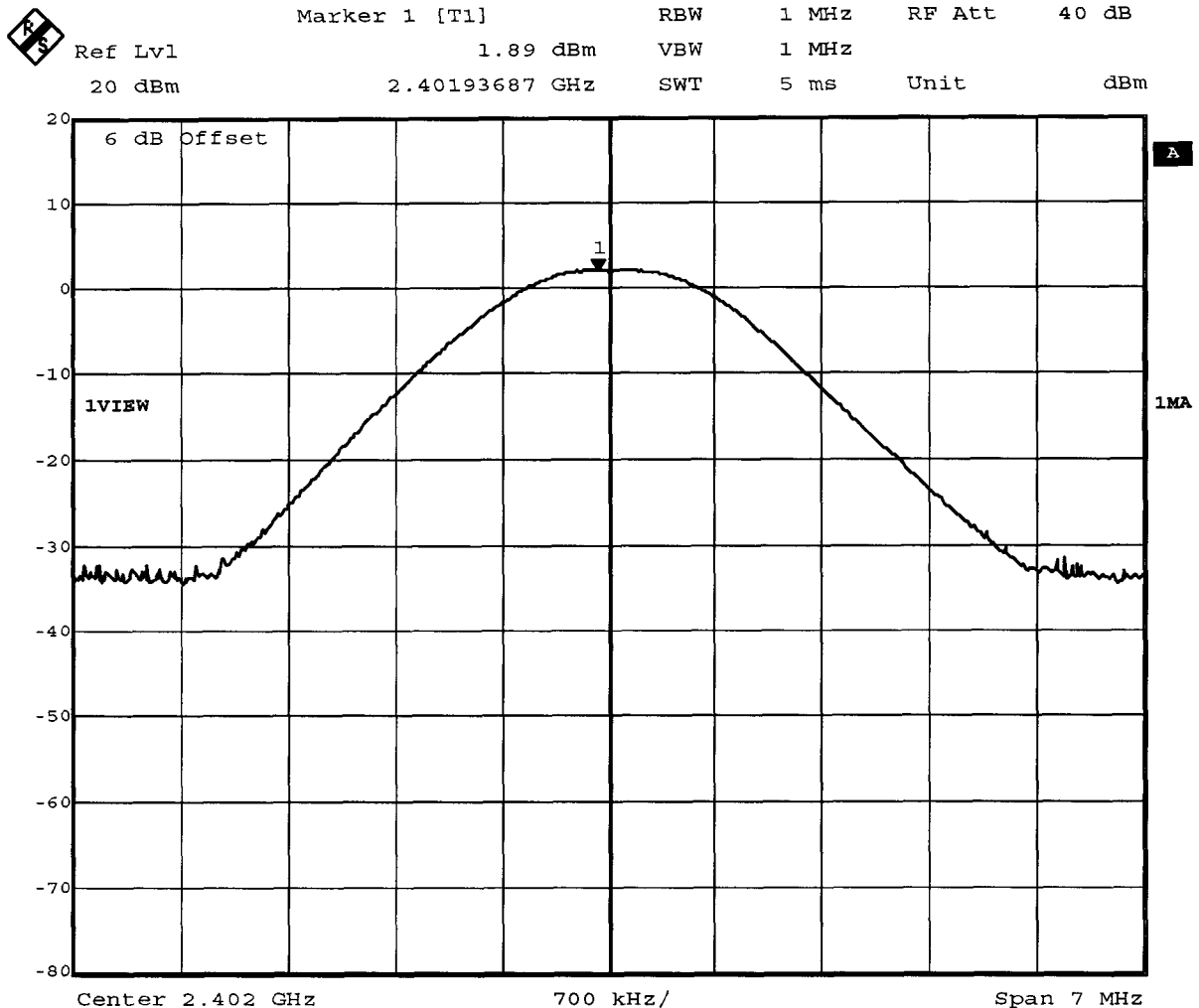


Appendix B

RF power output conducted

FCC part 15.247**Peak output power conducted**

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel: 0 / 2402 MHz
Comment 3	



Comment A: Output power=1.89 dBm; verdict: PASS
Date: 18.NOV.2006 13:07:56

Measurement diagram

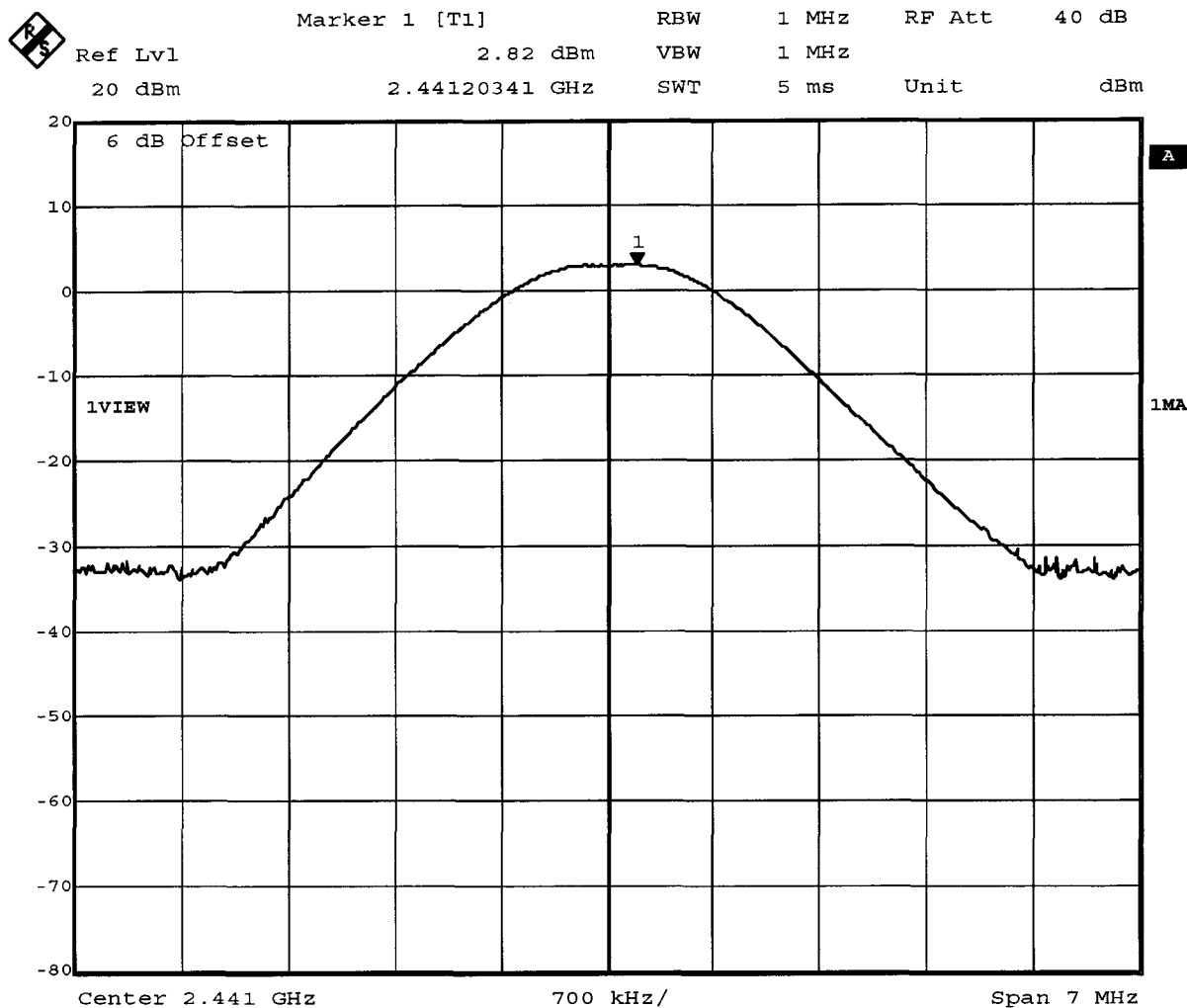
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Peak output power conducted

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP § GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output_power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



Comment A: Output power=2.82 dBm; verdict: PASS
Date: 18.NOV.2006 13:11:32

Measurement diagram

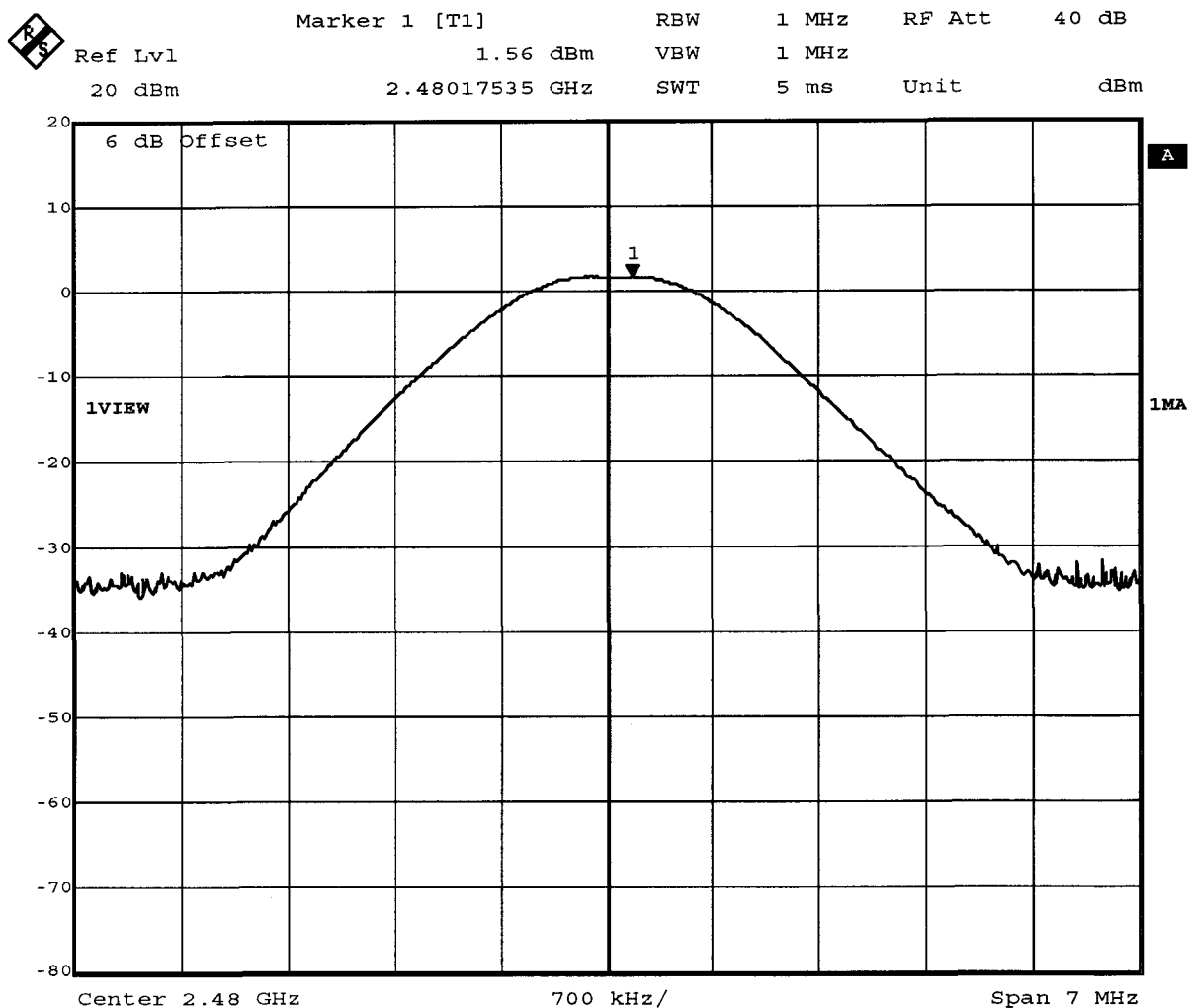
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Peak output power conducted

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output_power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Comment A: Output power=1.56 dBm; verdict: PASS
Date: 18.NOV.2006 13:14:19

Measurement diagram

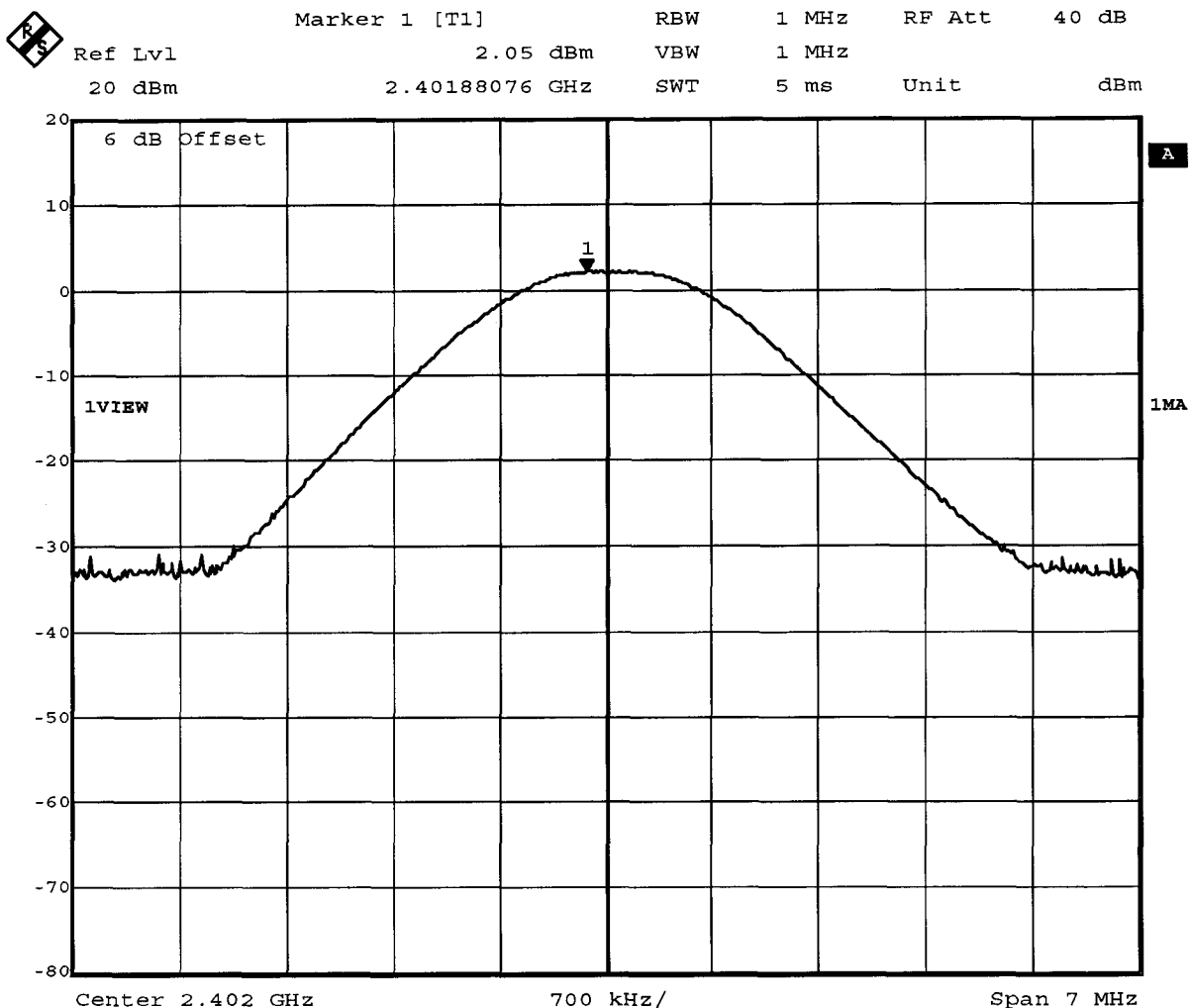
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Peak output power conducted

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP § GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmin
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



Comment A: Output power=2.05 dBm; verdict: PASS
Date: 18.NOV.2006 13:21:13

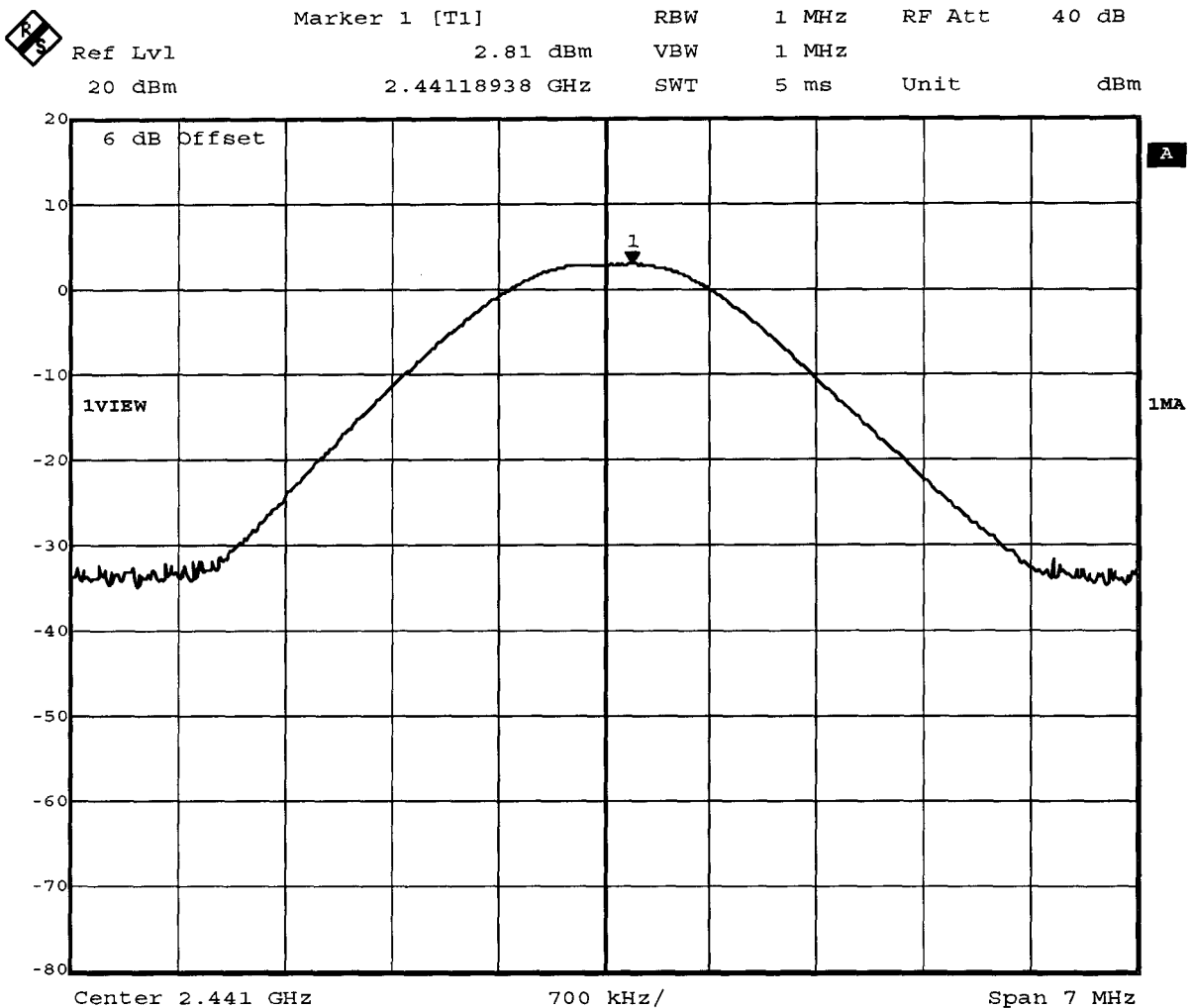
Measurement diagram

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

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FCC part 15.247**Peak output power conducted**

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmin
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel: 39 / 2441 MHz
Comment 3	



Comment A: Output power=2.81 dBm; verdict: PASS
Date: 18.NOV.2006 13:19:52

Measurement diagram

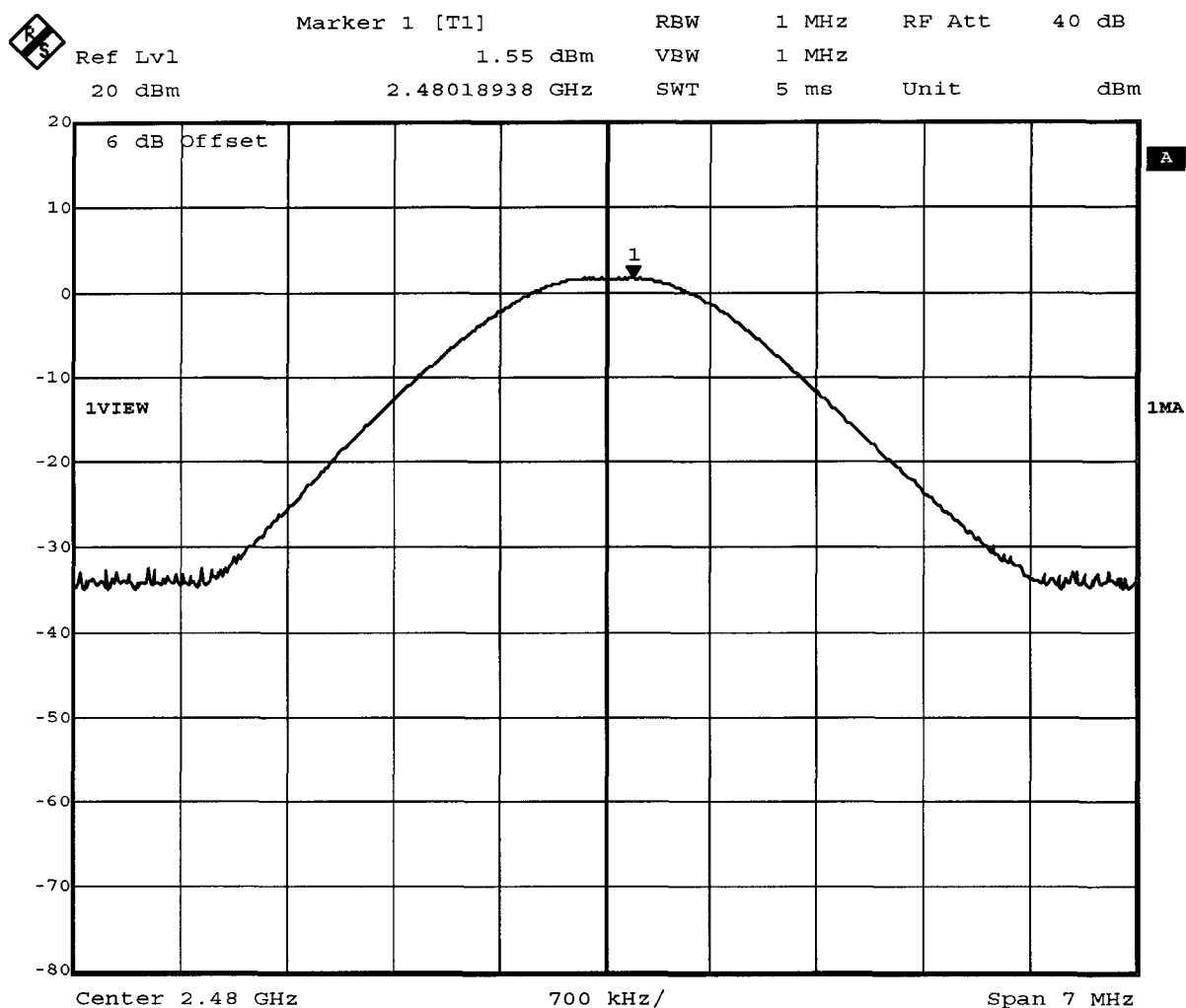
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Peak output power conducted

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmin
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output_power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Comment A: Output power=1.55 dBm; verdict: PASS
Date: 18.NOV.2006 13:16:06

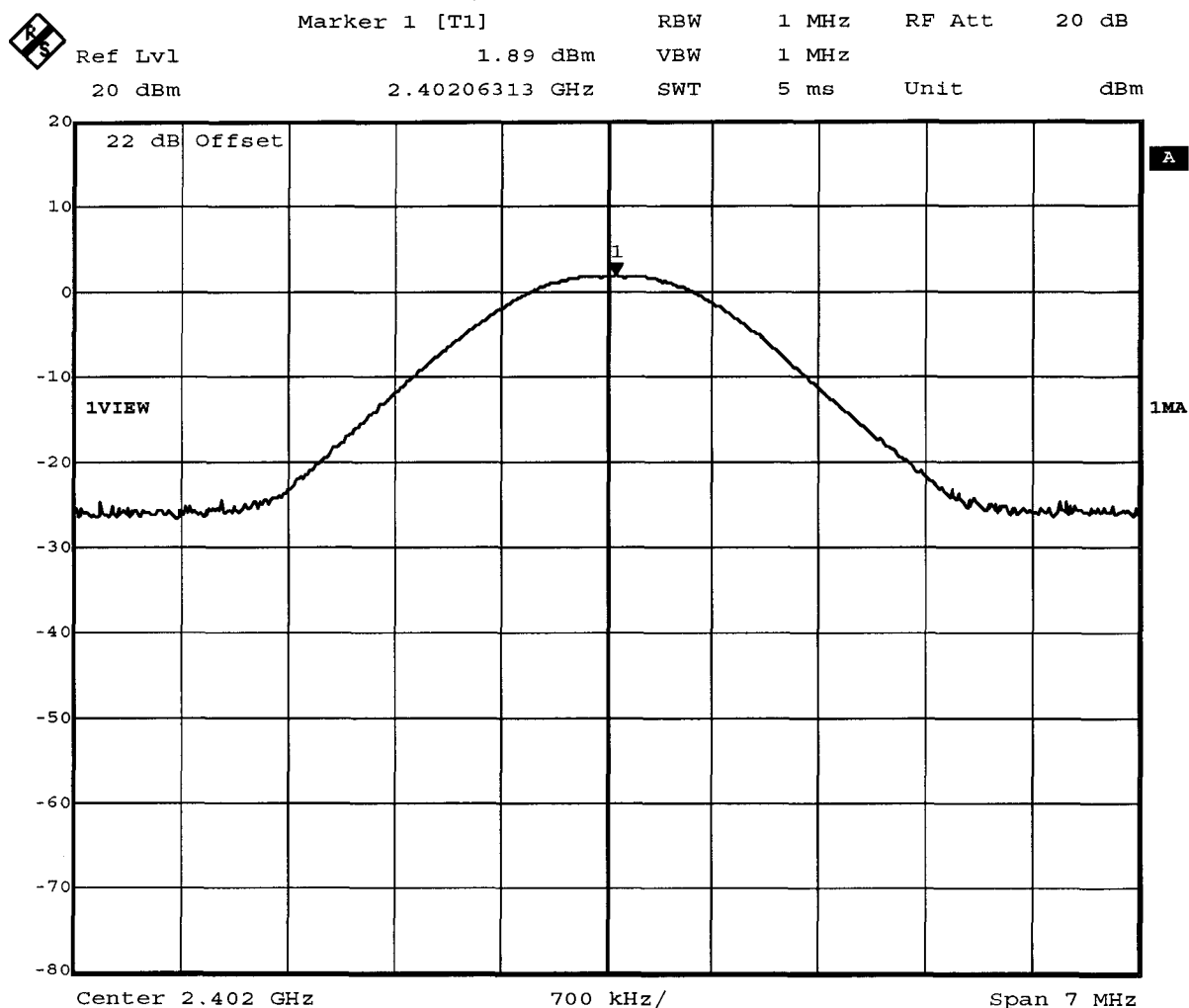
Measurement diagram

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

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FCC part 15.247**Peak output power conducted**

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmax
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



Comment A: Output power=1.89 dBm; verdict: PASS
Date: 18.NOV.2006 13:46:02

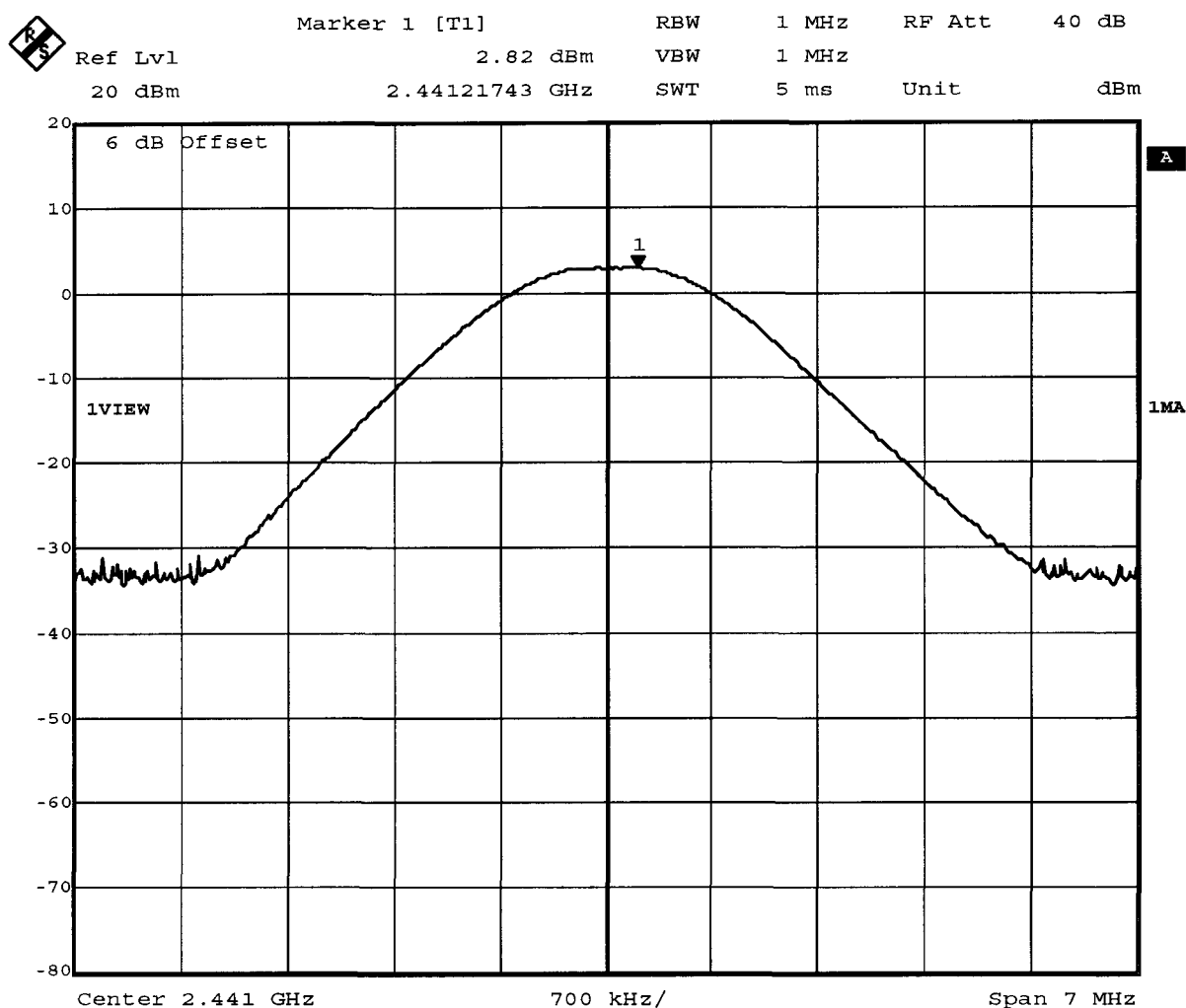
Measurement diagram

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

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FCC part 15.247**Peak output power conducted**

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmax
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel: 39 / 2441 MHz
Comment 3	



Comment A: Output power=2.82 dBm; verdict: PASS
Date: 18.NOV.2006 13:18:35

Measurement diagram

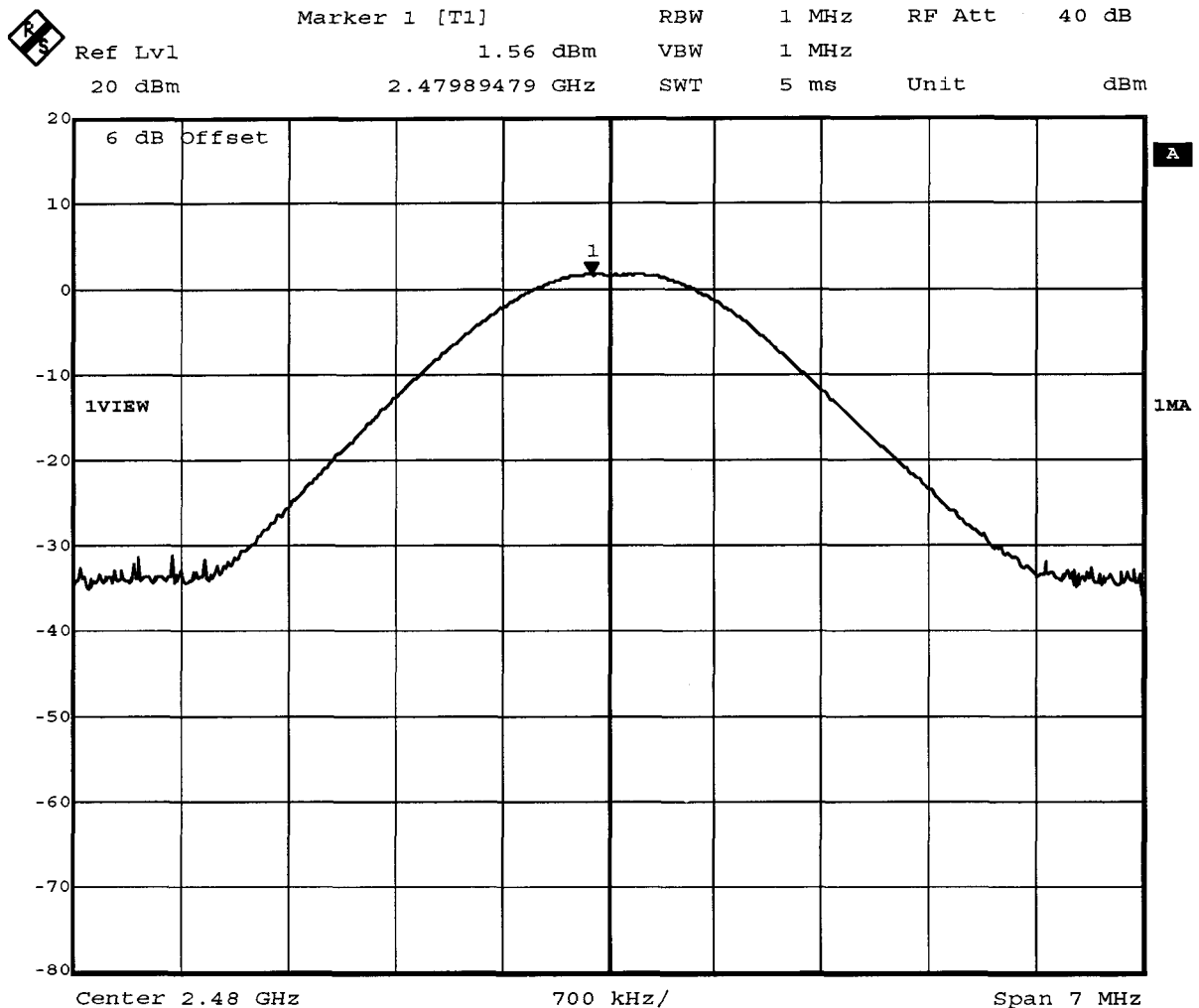
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Peak output power conducted

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmax
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Comment A: Output power=1.56 dBm; verdict: PASS
Date: 18.NOV.2006 13:17:27

Measurement diagram

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

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Appendix C

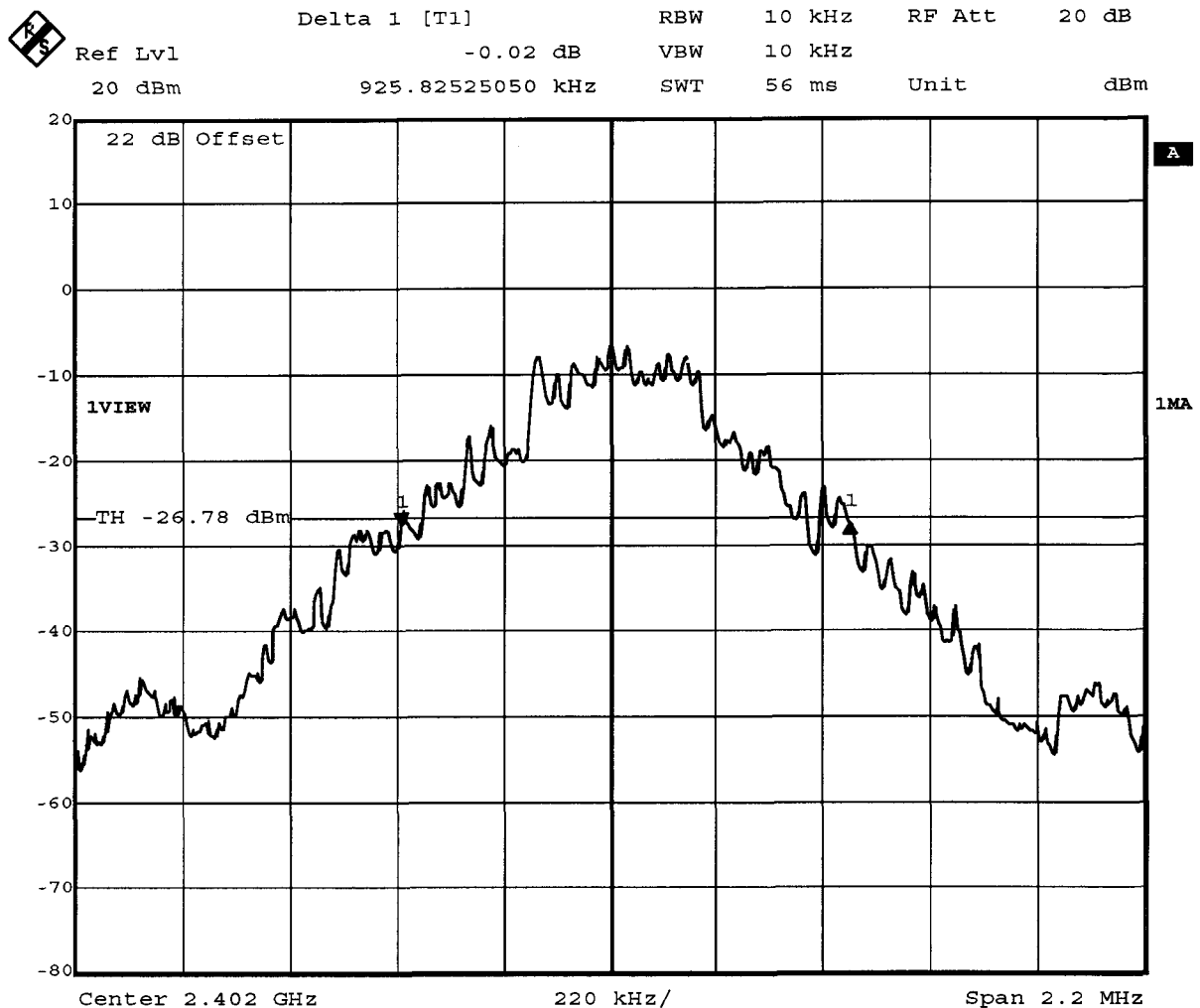
RF power output radiated (EIRP)

Appendix D

20 dB bandwidth

FCC part 15.247
20 dB bandwidth

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



Comment A: 20 dB bandwidth: 925.8 KHz < 1MHz; verdict: PASS
Date: 18.NOV.2006 13:47:38

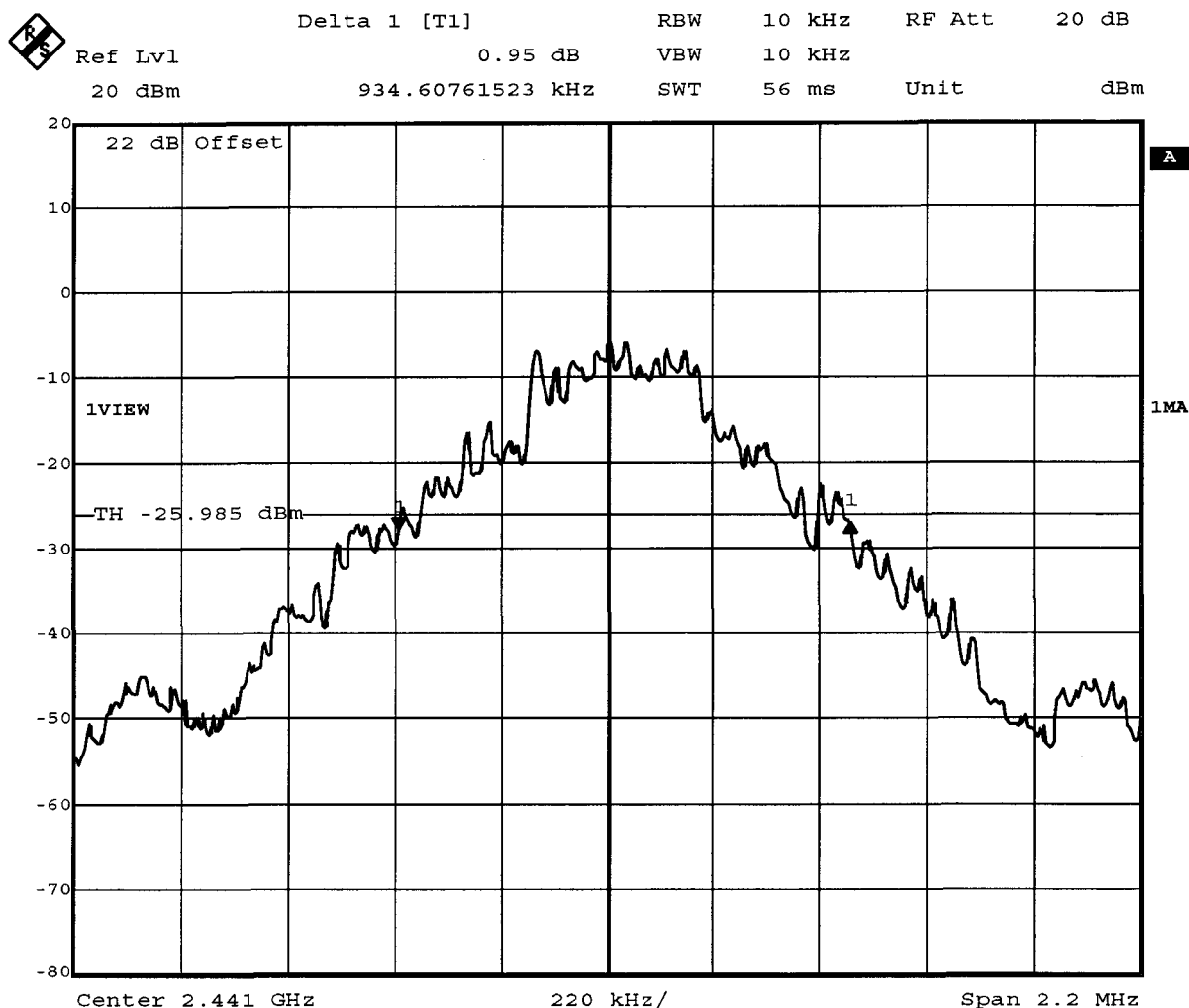
Measurement diagram

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

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FCC part 15.247
20 dB bandwidth

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



Comment A: 20 dB bandwidth: 934.6 KHz < 1MHz;

verdict: PASS

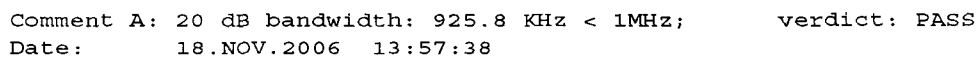
Date: 18.NOV.2006 13:55:44

Measurement diagram

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

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EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



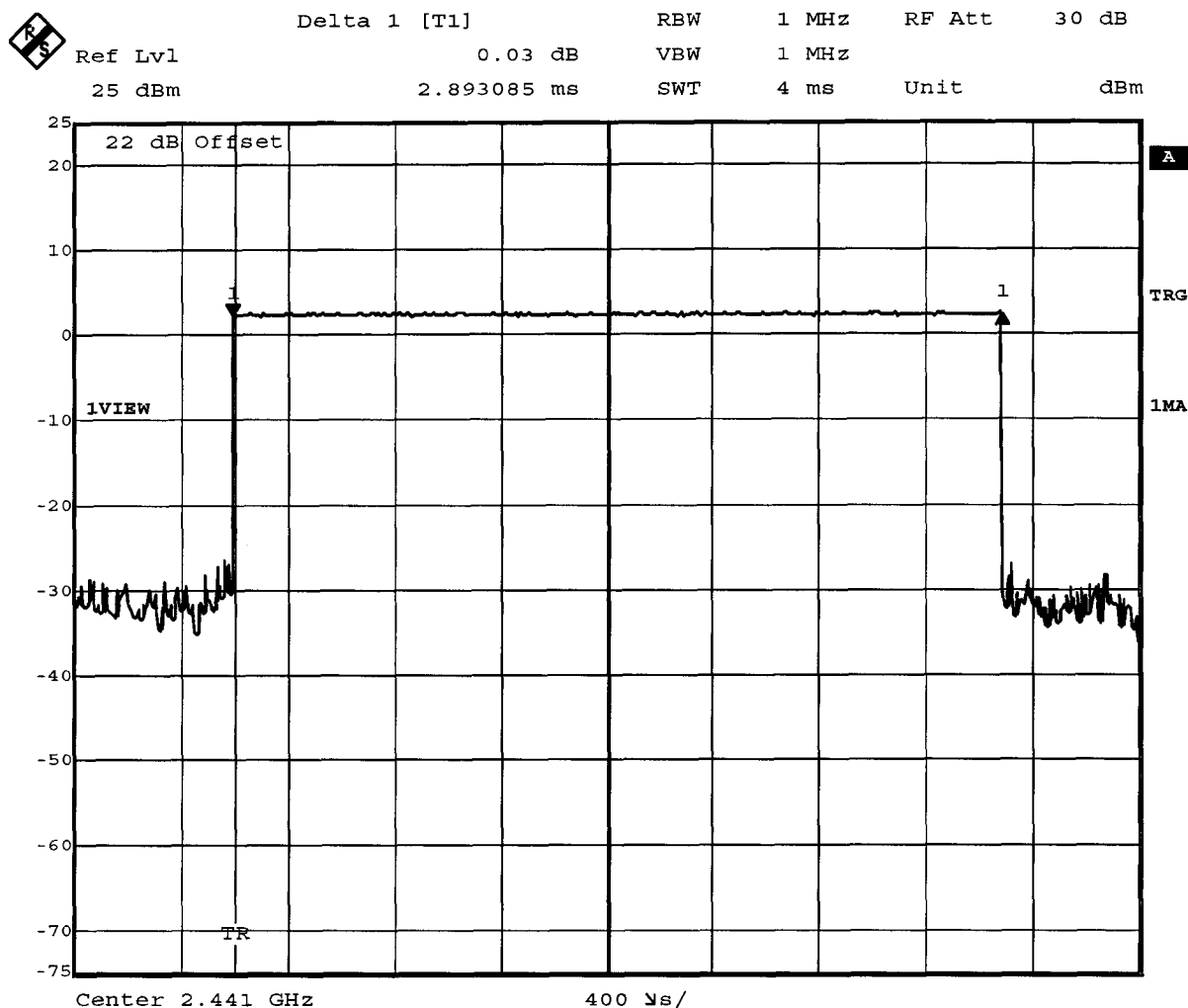
Appendix E

Time of occupancy (dwell time)

FCC part 15.247

Time of occupancy (dwell time)

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	Time of occupancy
Comment 2	Channel.: 39 / 2441 MHz (Hopping mode)
Comment 3	63 events * 2.893 ms result: 182.3 ms



Comment A: Burst length=2.89309 ms

Date: 18.NOV.2006 14:44:33

Measurement diagram

ETS Product Service AG

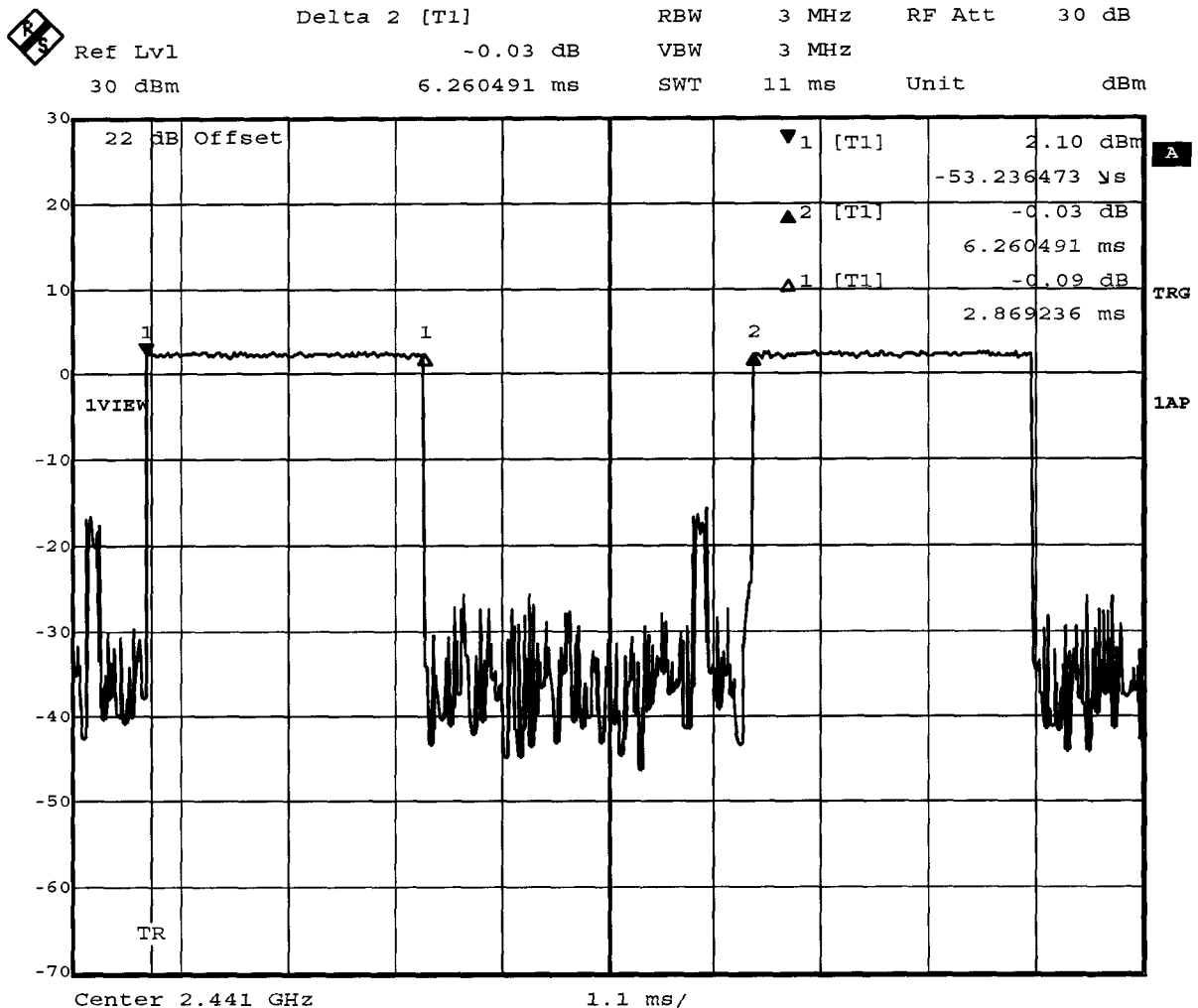
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Duty cycle

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Duty cycle
Comment 2	Channel: 39 / 2441 MHz
Comment 3	



Comment A: Duty cycle=0.46

Date: 18.NOV.2006 14:42:28

Measurement diagram

ETS Product Service AG

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

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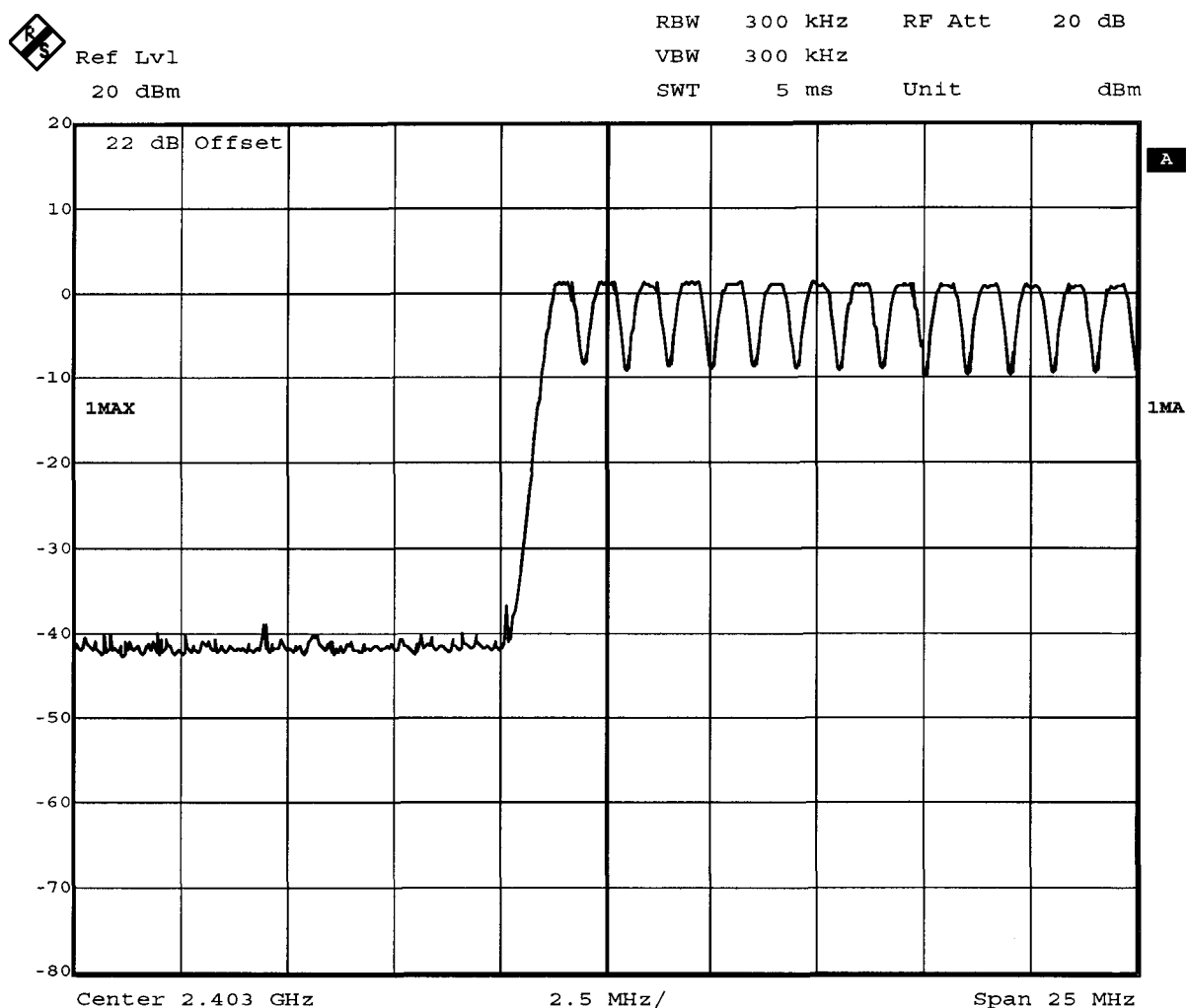
Appendix F

Number of hopping frequencies

FCC part 15.247

Number of hopping frequencies

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP § GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 0-13
Comment 3	



Date: 18.NOV.2006 14:26:35

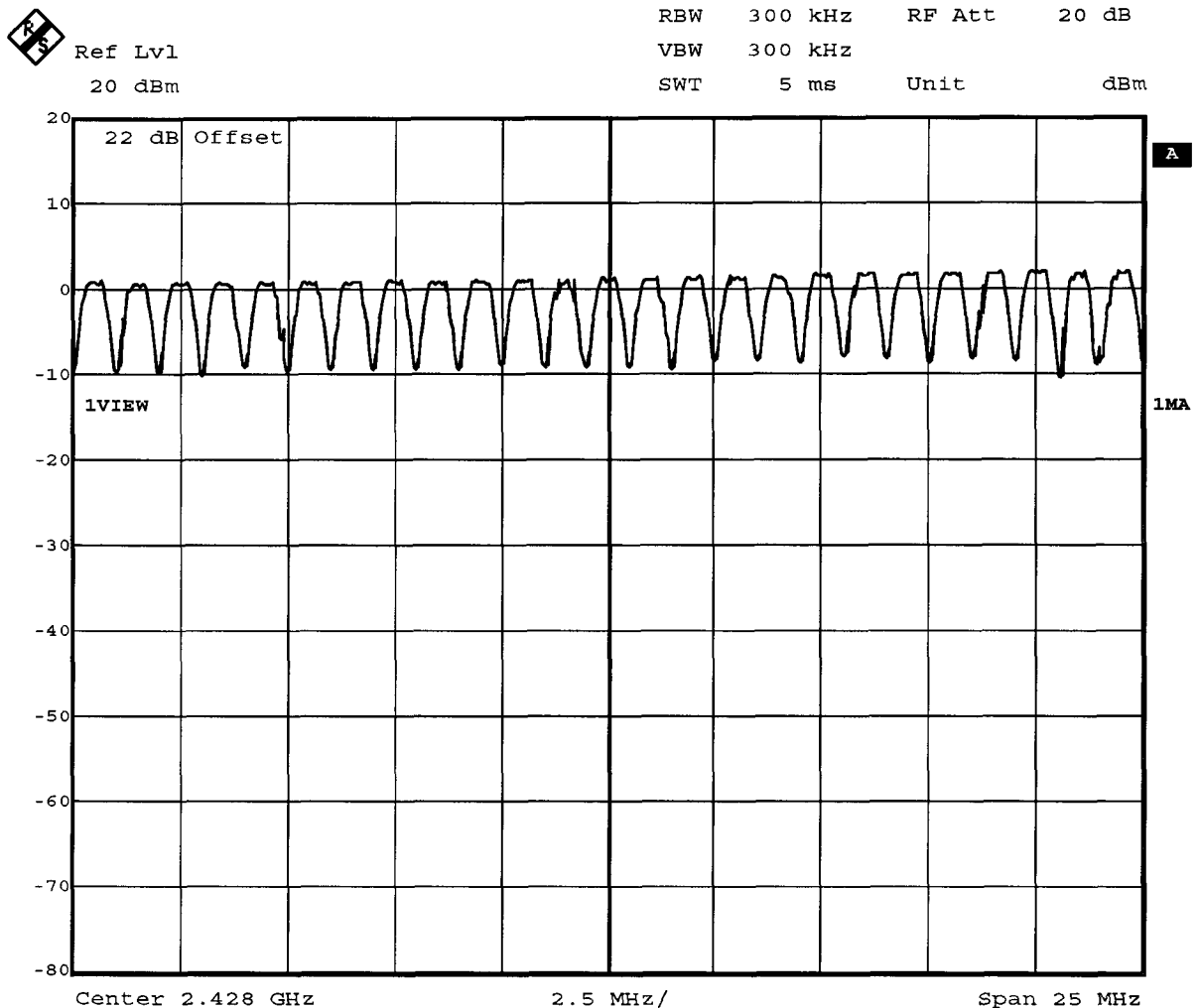
Measurement diagram

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

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FCC part 15.247
Number of hopping frequencies

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 14-38
Comment 3	



Comment A: Number of hopping frequencies

Date: 18.NOV.2006 14:27:49

Measurement diagram

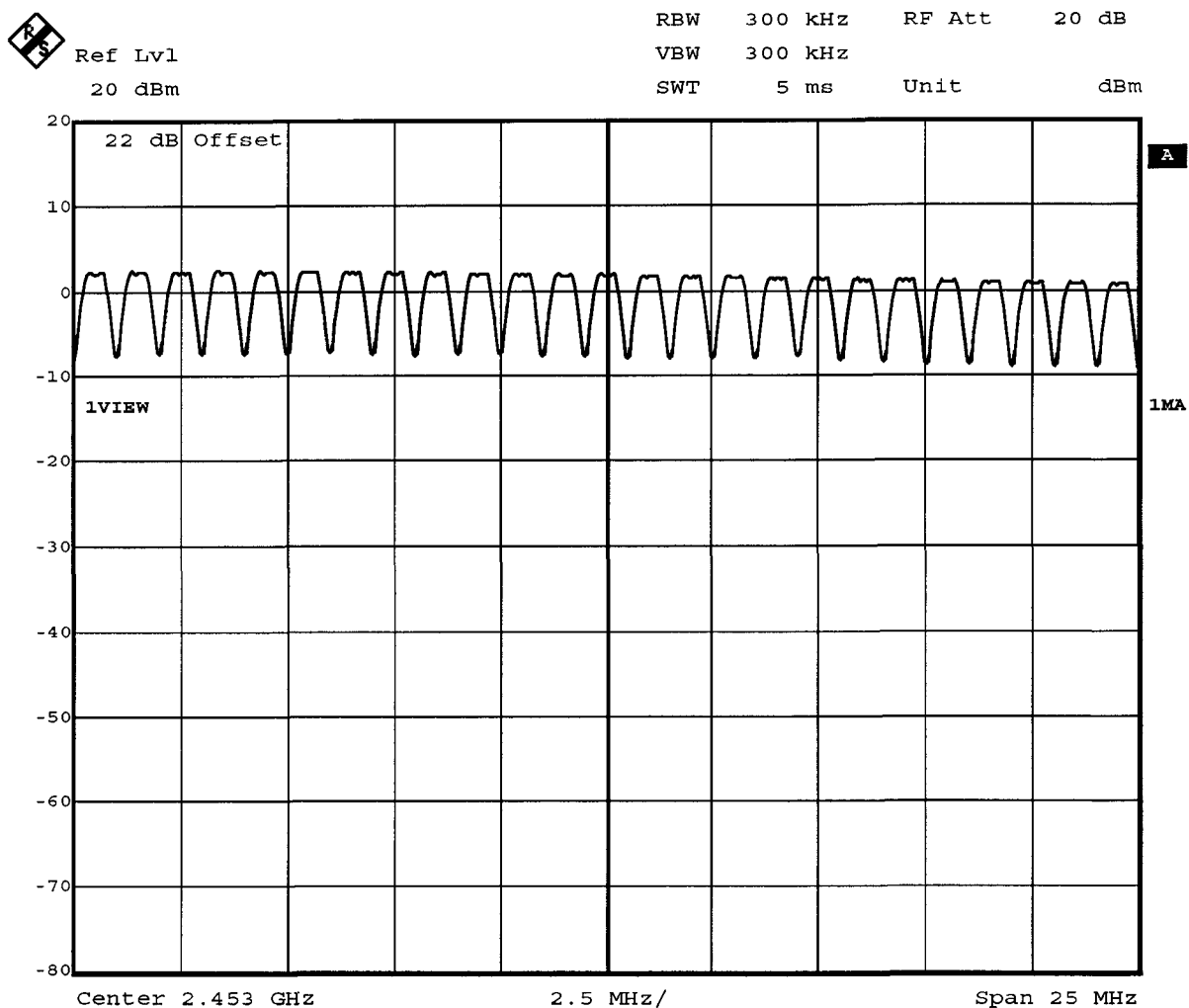
ETS Product Service AG

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

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FCC part 15.247**Number of hopping frequencies**

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.:39-63
Comment 3	



Comment A: Number of hopping frequencies

Date: 18.NOV.2006 14:37:39

Measurement diagram

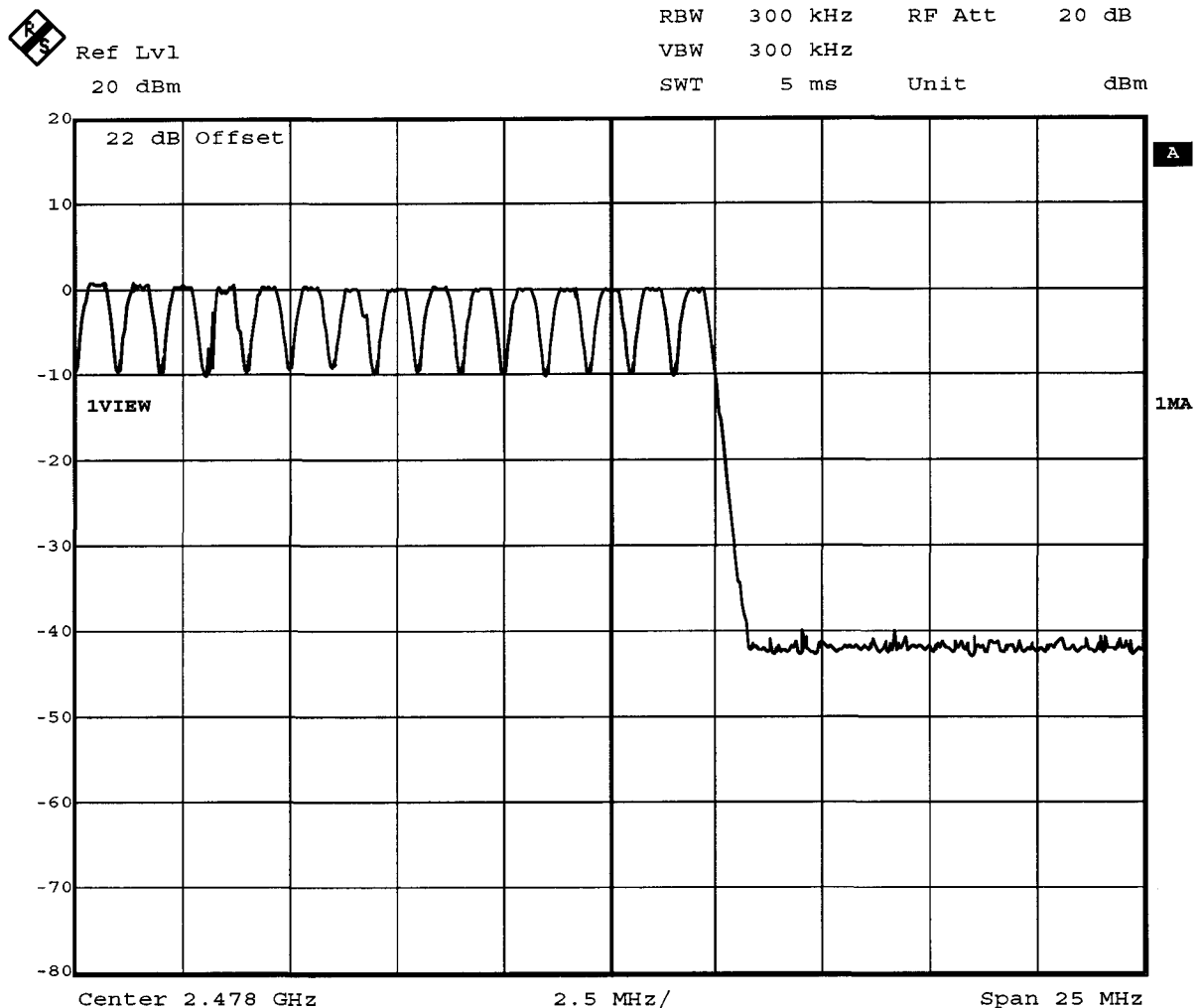
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Number of hopping frequencies

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 64-78
Comment 3	



Comment A: Number of hopping frequencies

Date: 18.NOV.2006 14:39:50

Measurement diagram

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

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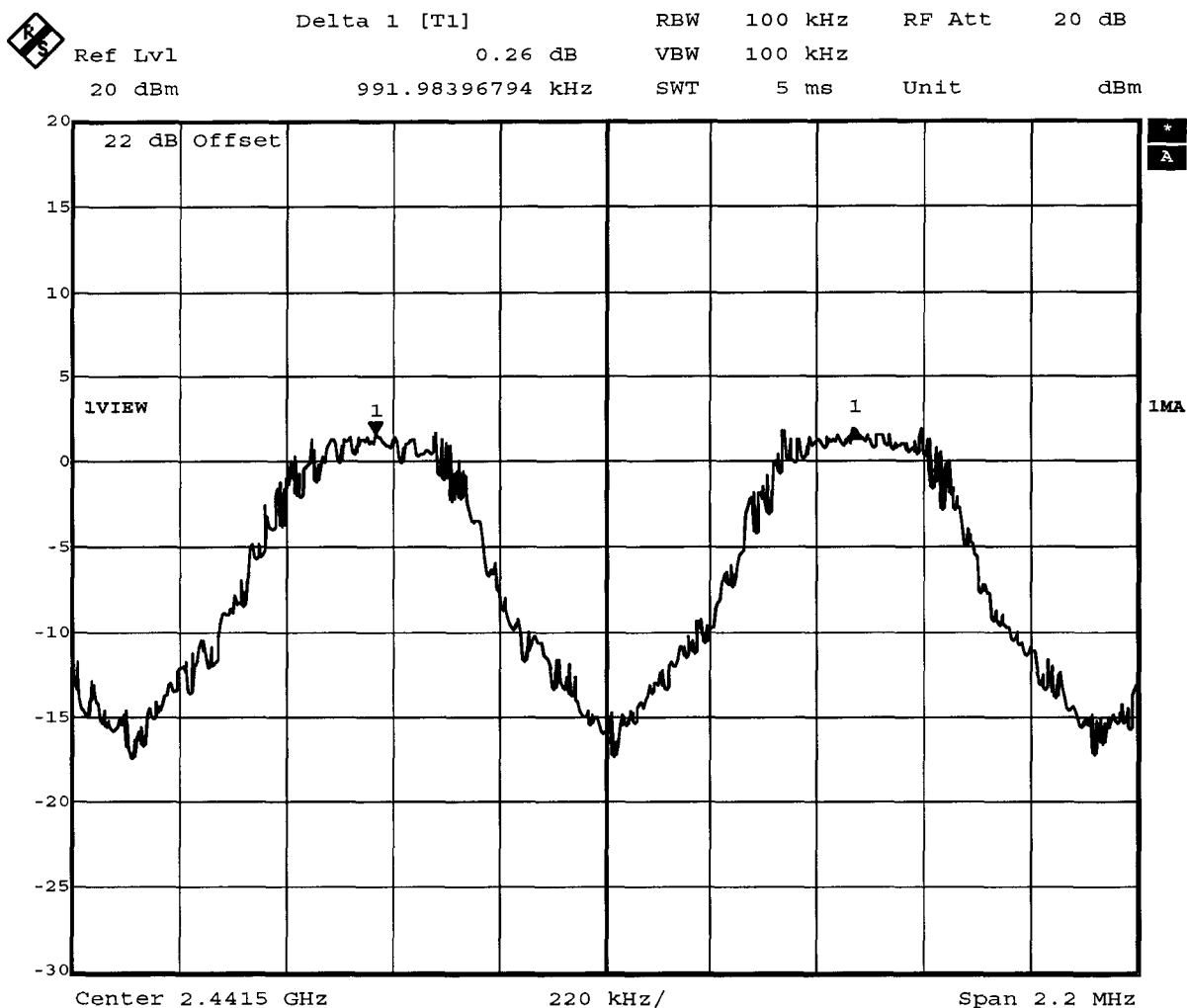
Appendix G

Carrier frequency separation

FCC part 15.247

Carrier frequency separation

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(b)
Comment 1	Carrier frequency separation
Comment 2	Channel.: 39/40 / 2441/2442 MHz
Comment 3	Hopping mode



Comment A: Limit: > two-thirds of the 20 dB bandwidth ; Result: Pass

Date: 18.NOV.2006 14:23:35

Measurement diagram

ETS Product Service AG

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

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Appendix H

Spurious emission conducted

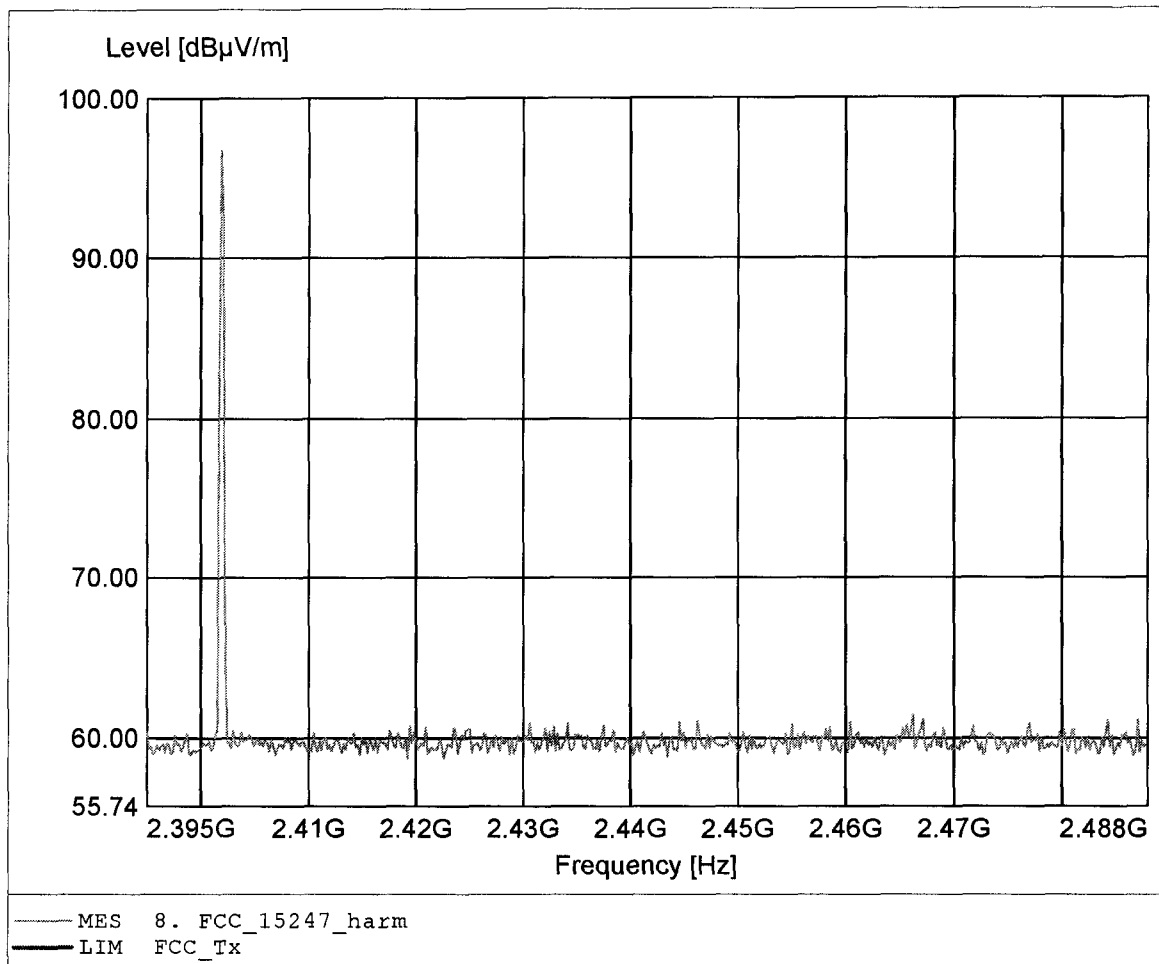
Appendix I

Spurious emission radiated

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

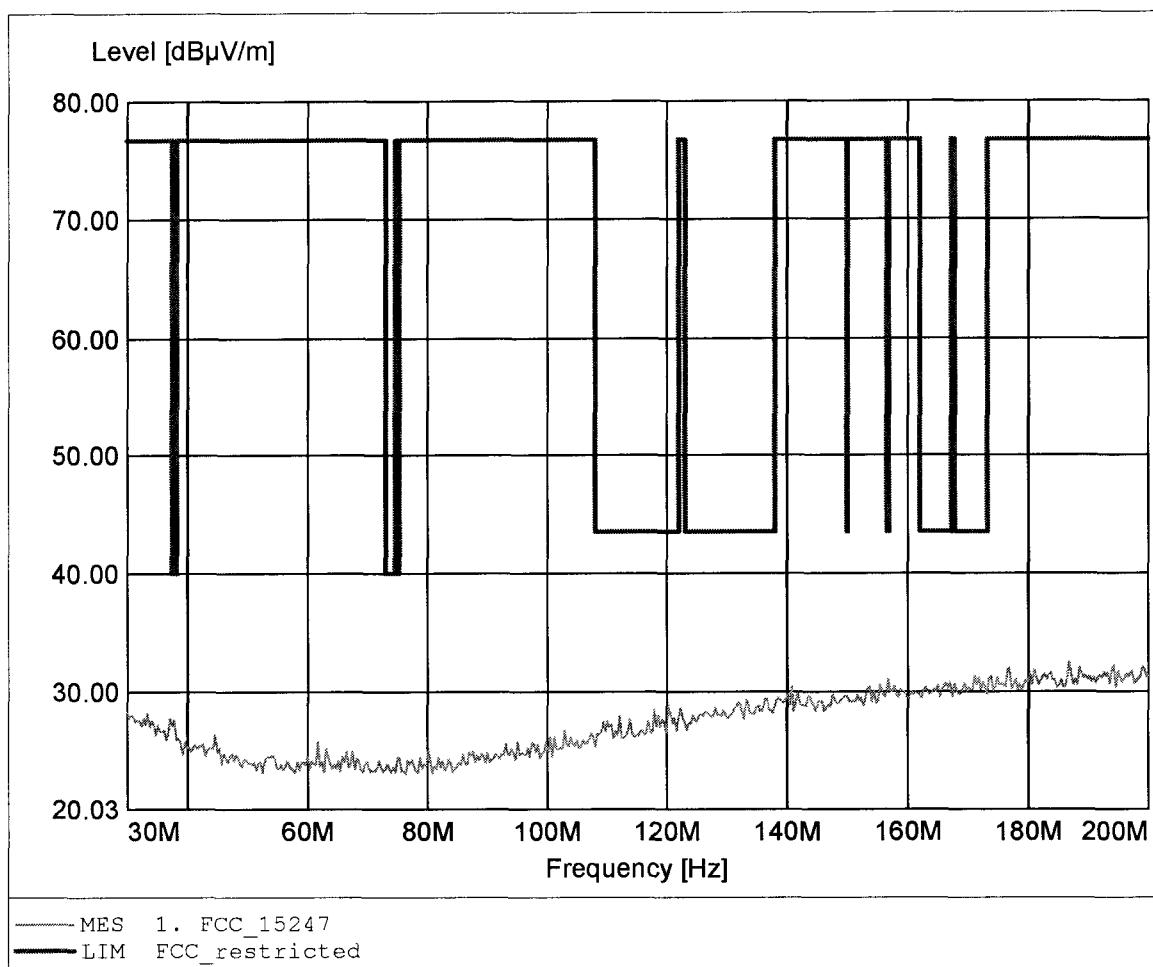
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Emax: 96.71dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

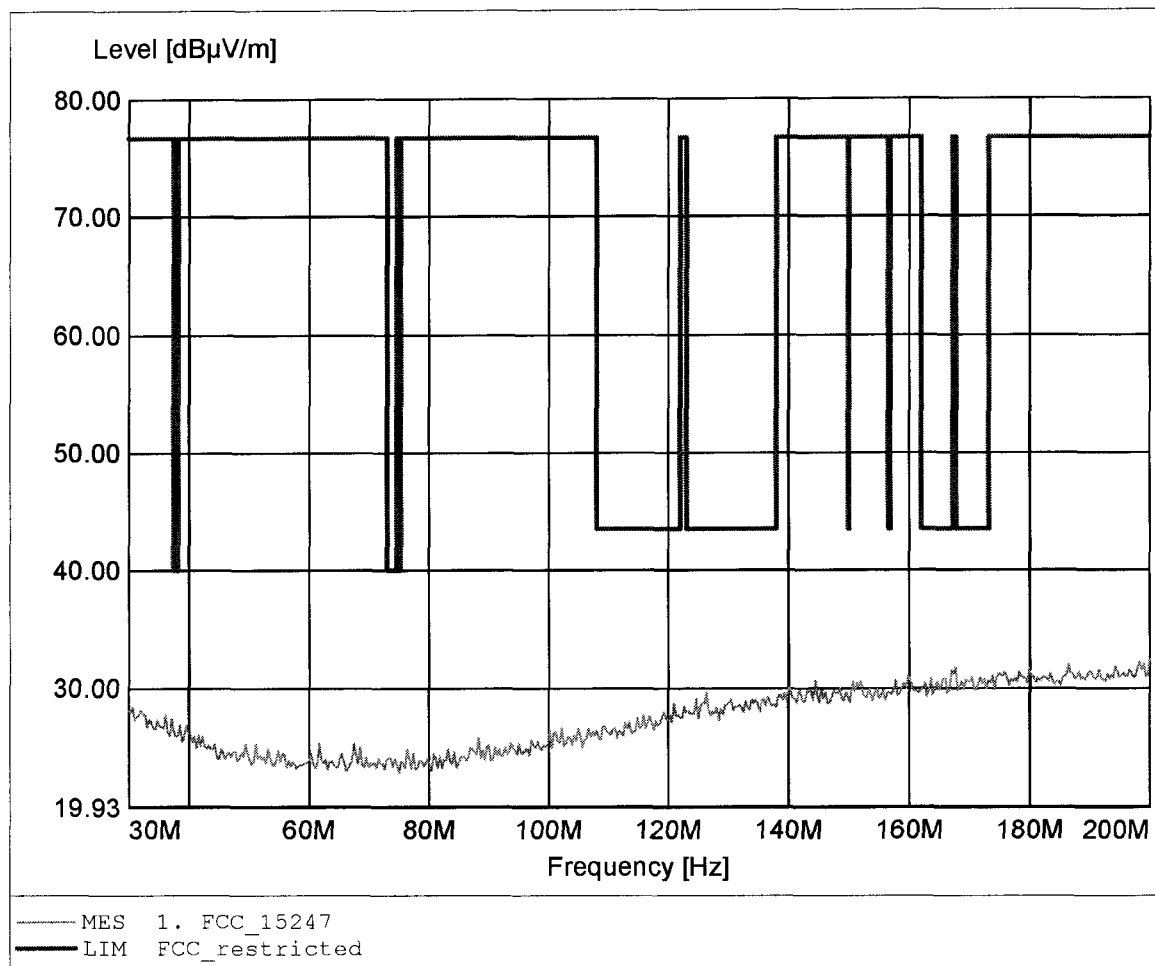
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 186.713MHz, Emax: 32.56dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

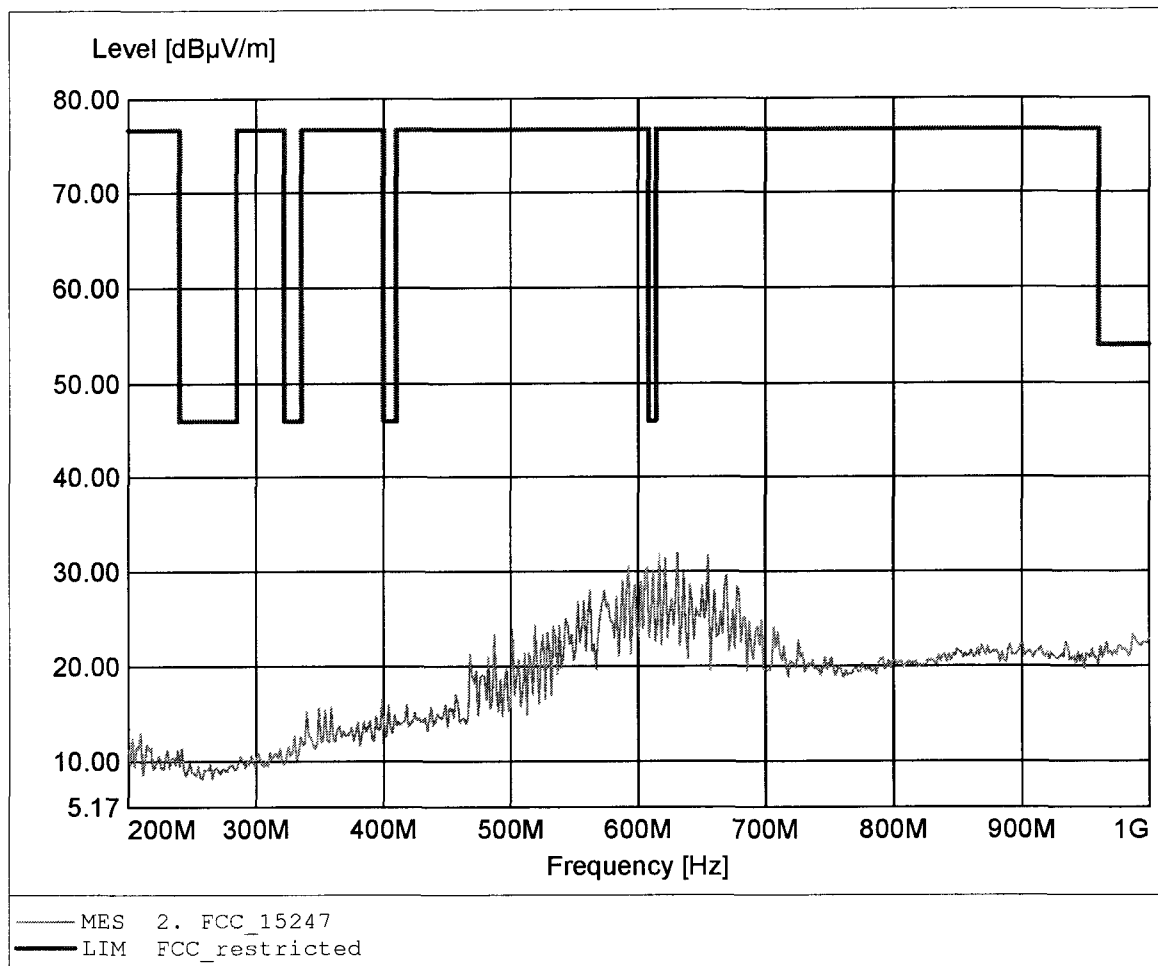
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 200.000MHz, Emax: 32.41dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

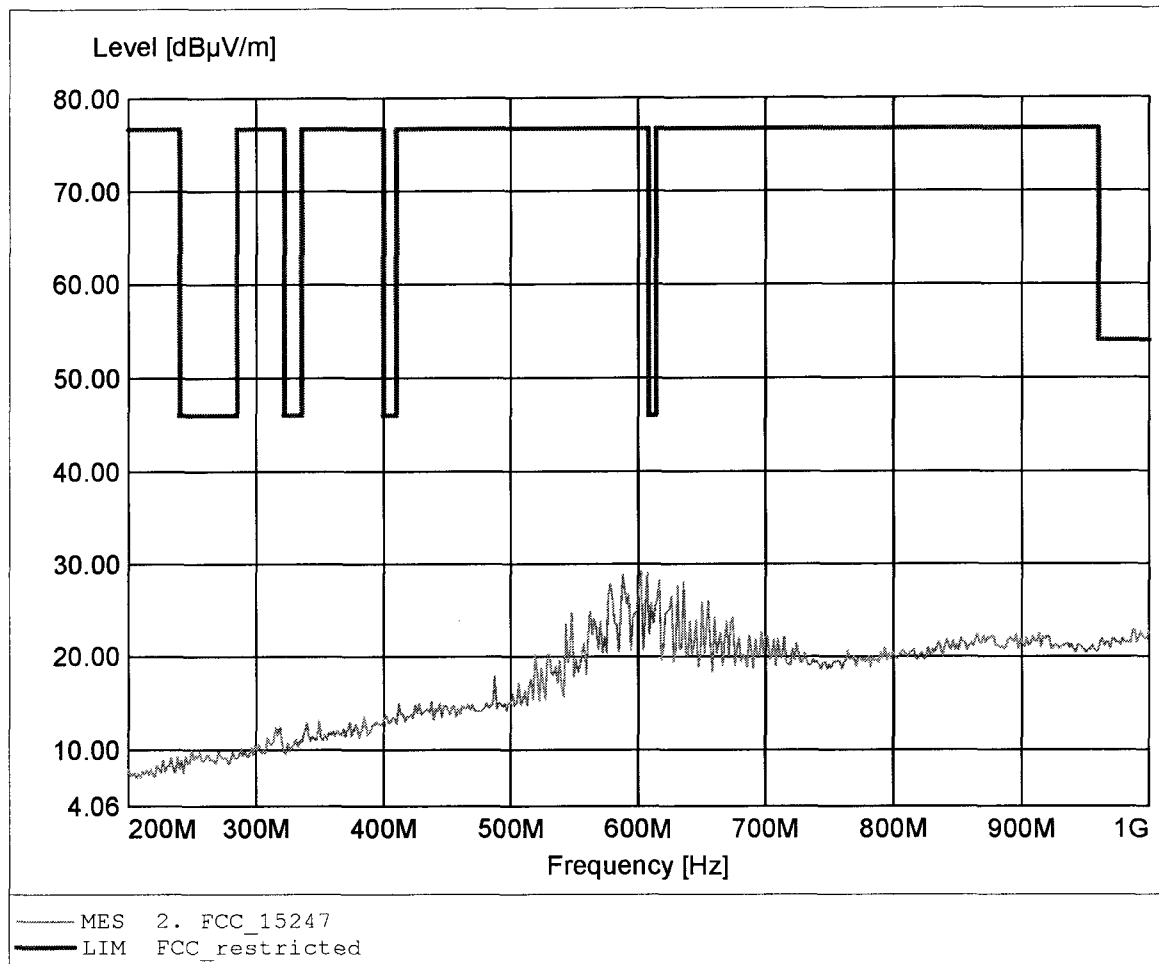
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 631.263MHz, Emax: 31.91dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

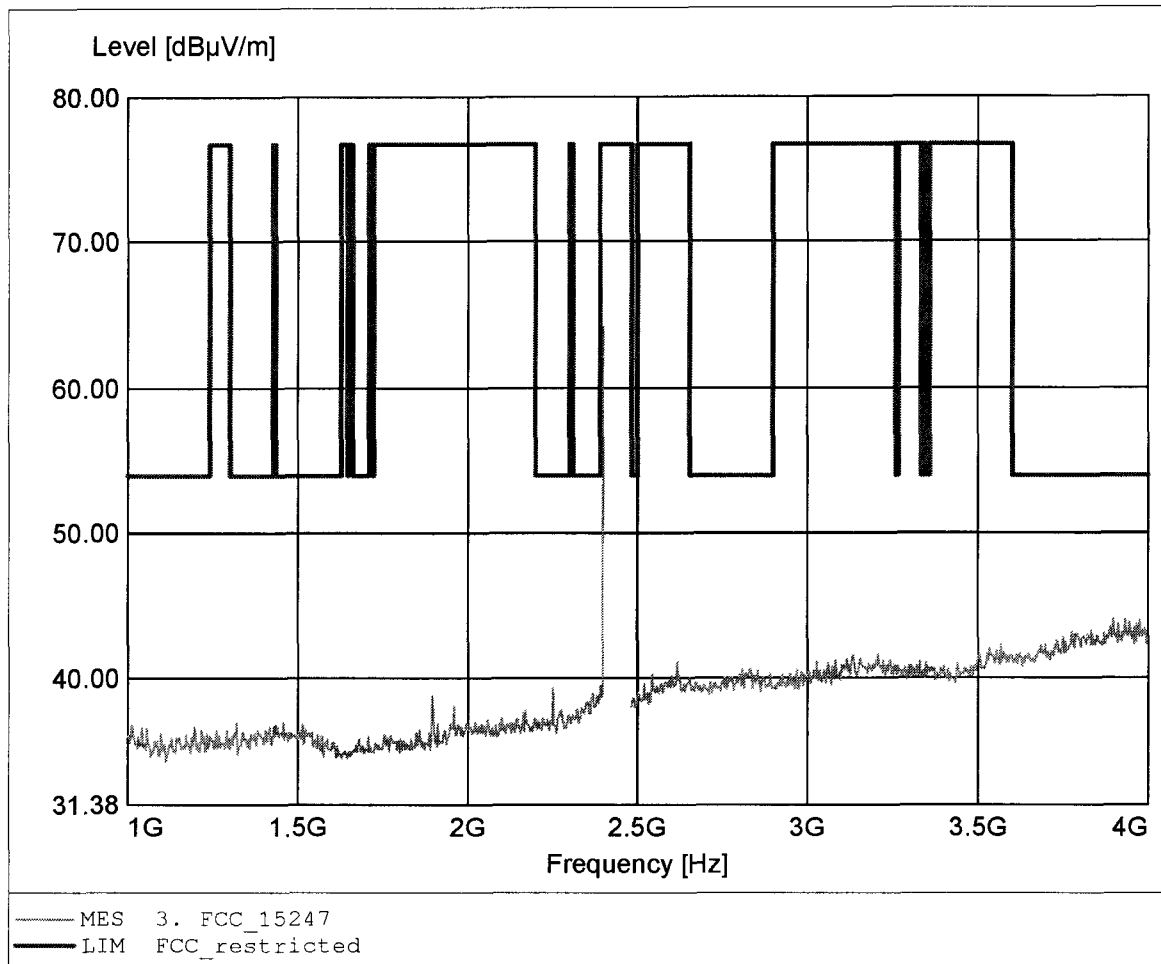
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 602.405MHz, Emax: 29.15dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

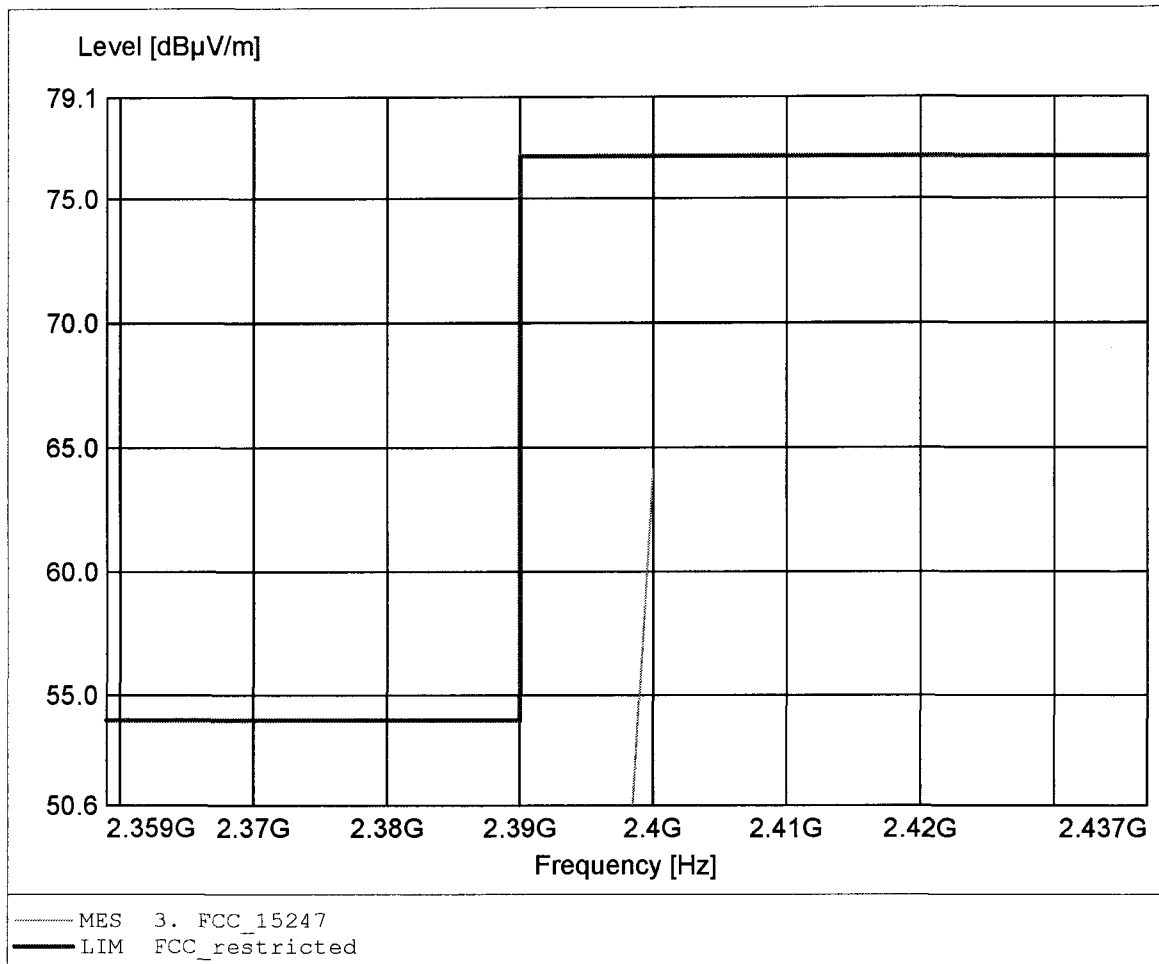
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 64.15dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

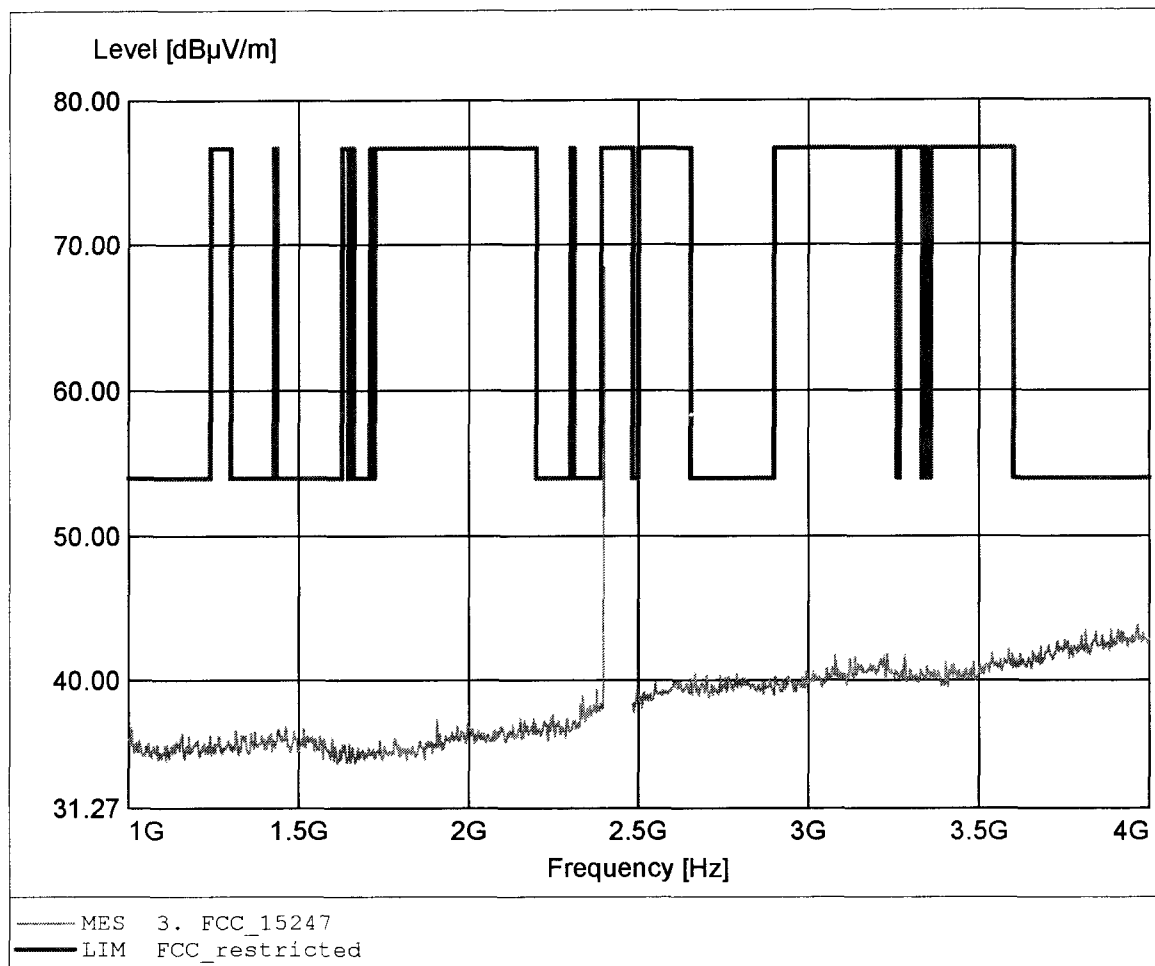
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 64.15dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

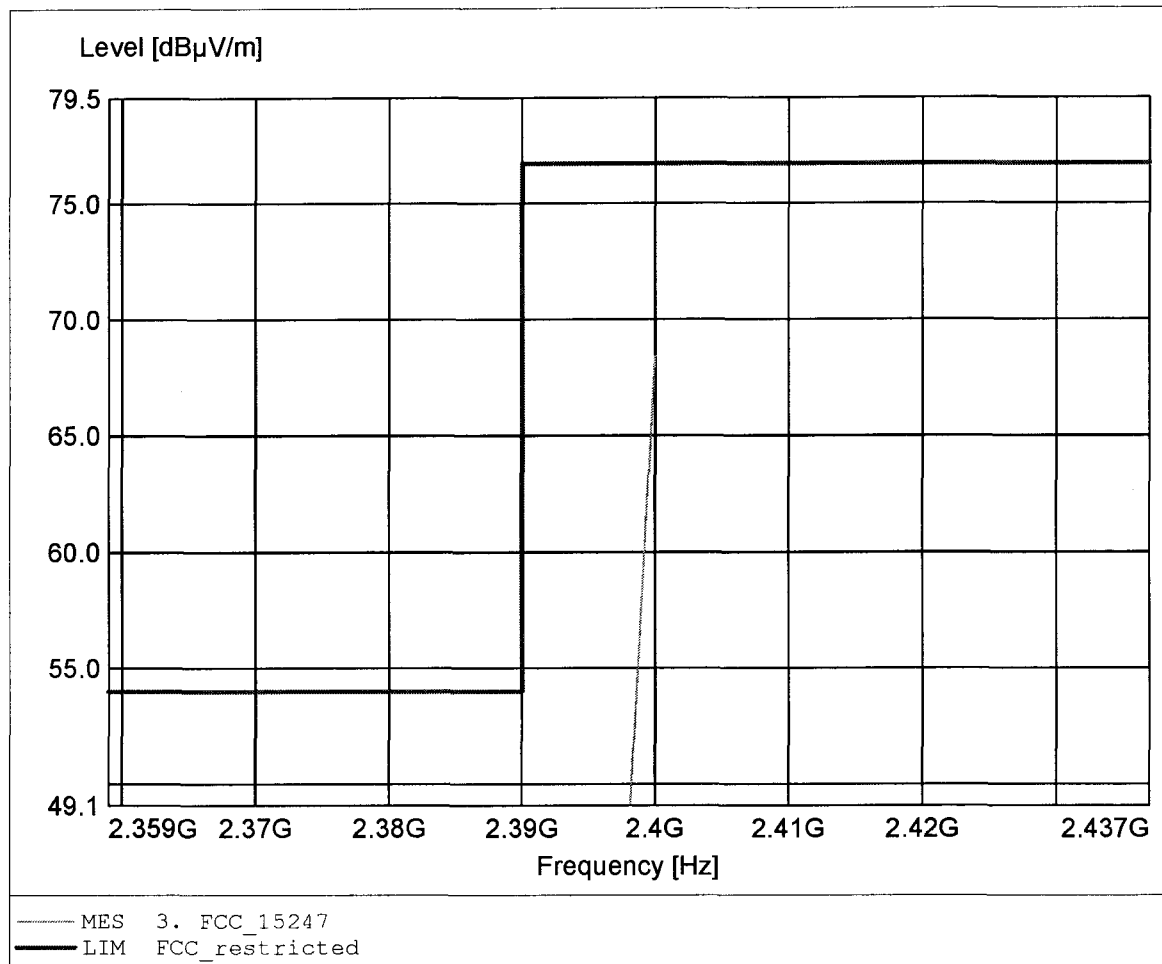
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 68.43dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

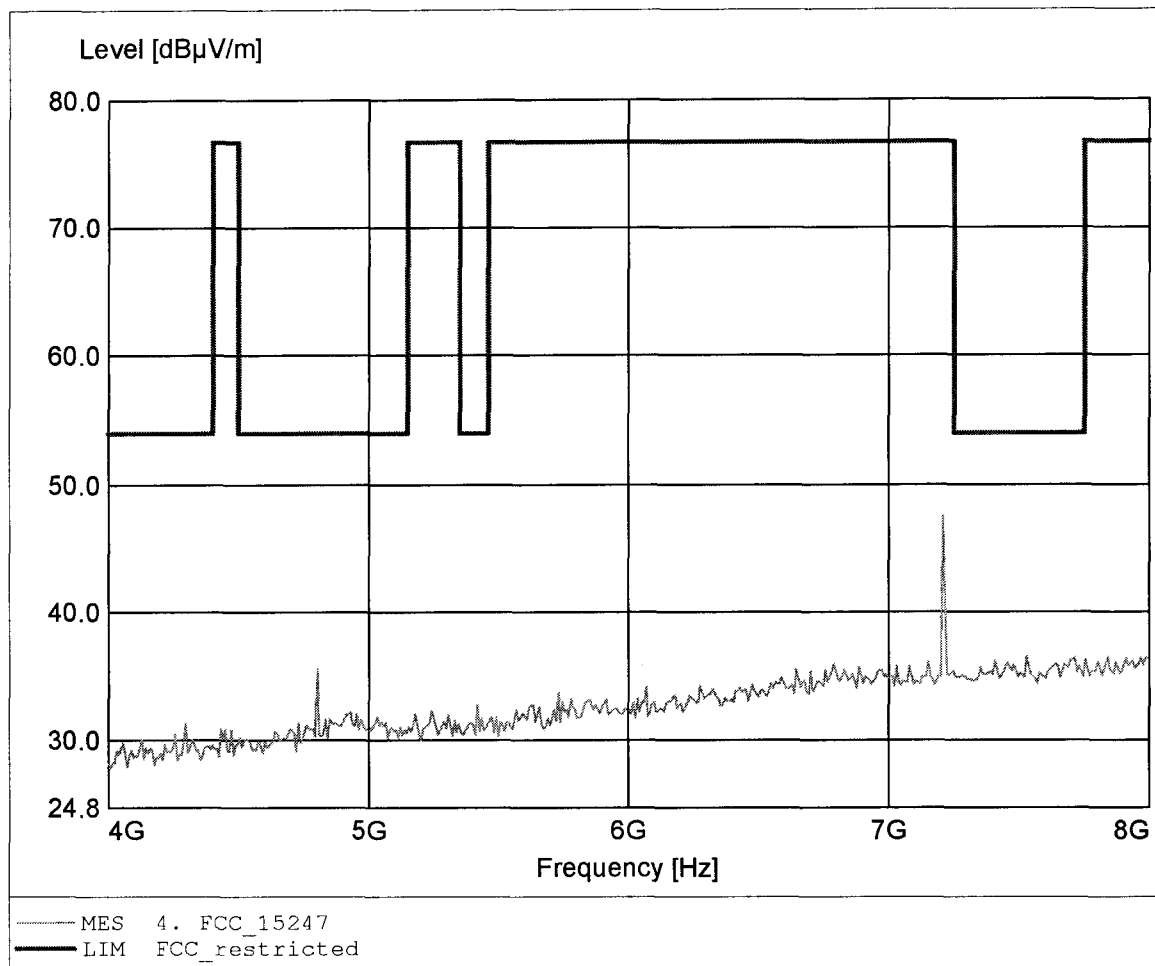
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 68.43dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

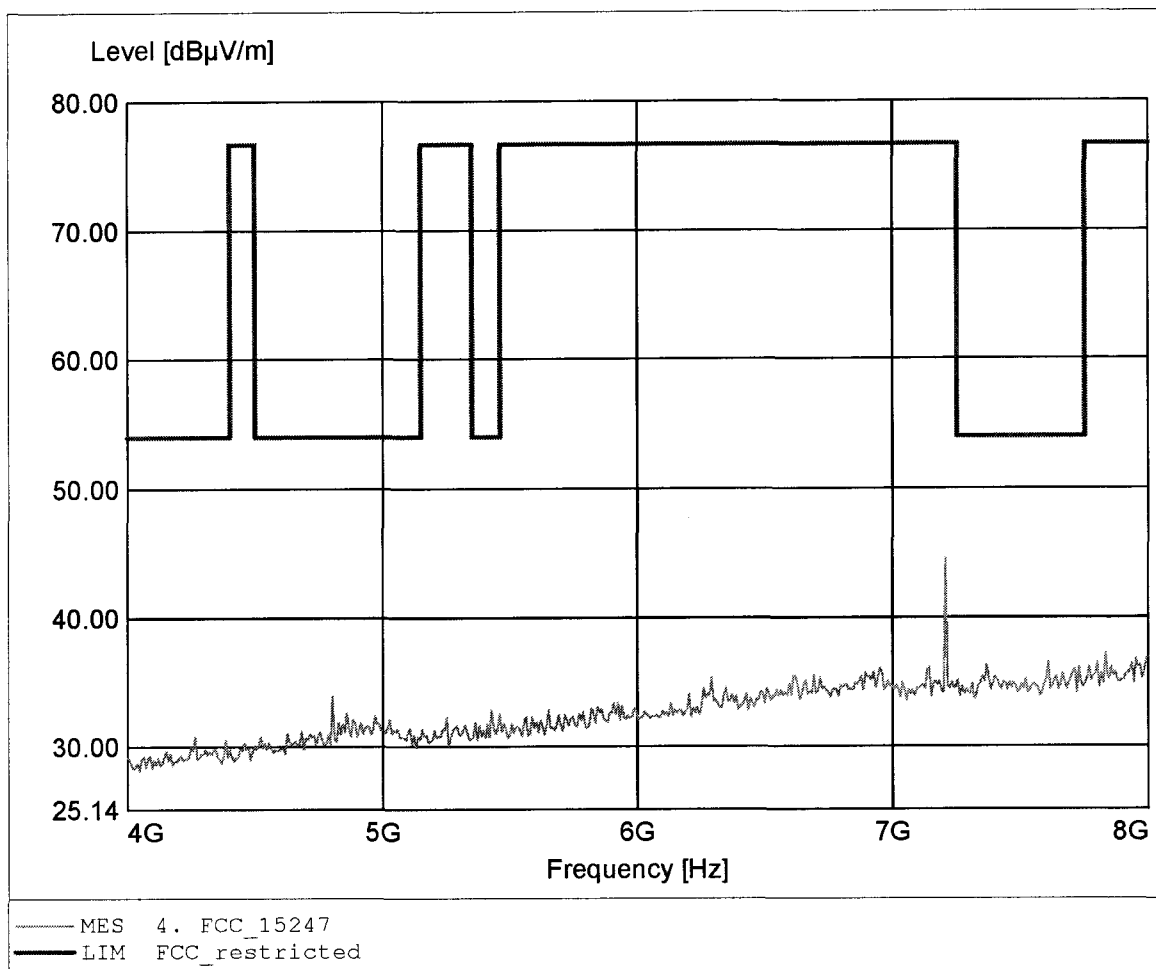
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.206GHz, Emax: 47.59dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

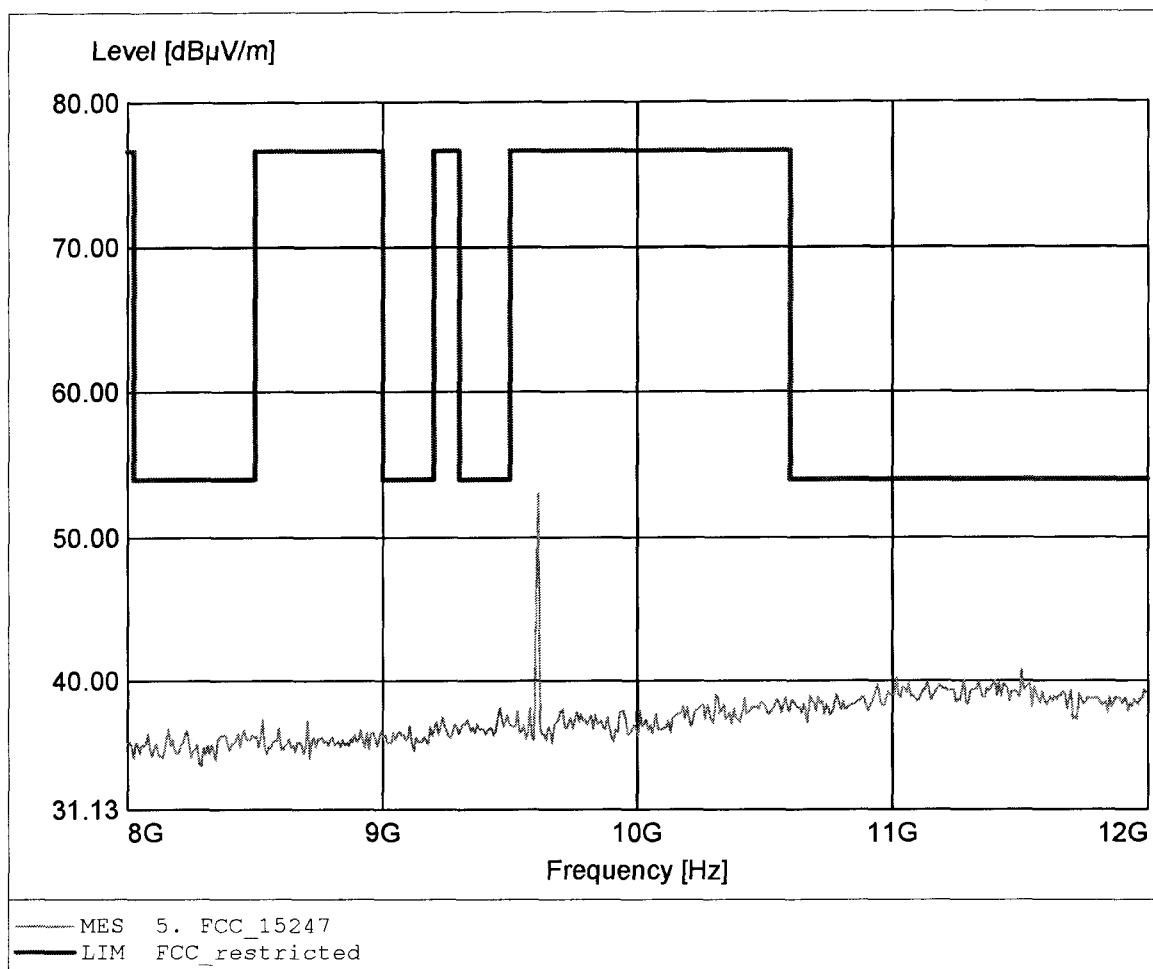
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.206GHz, Emax: 44.60dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

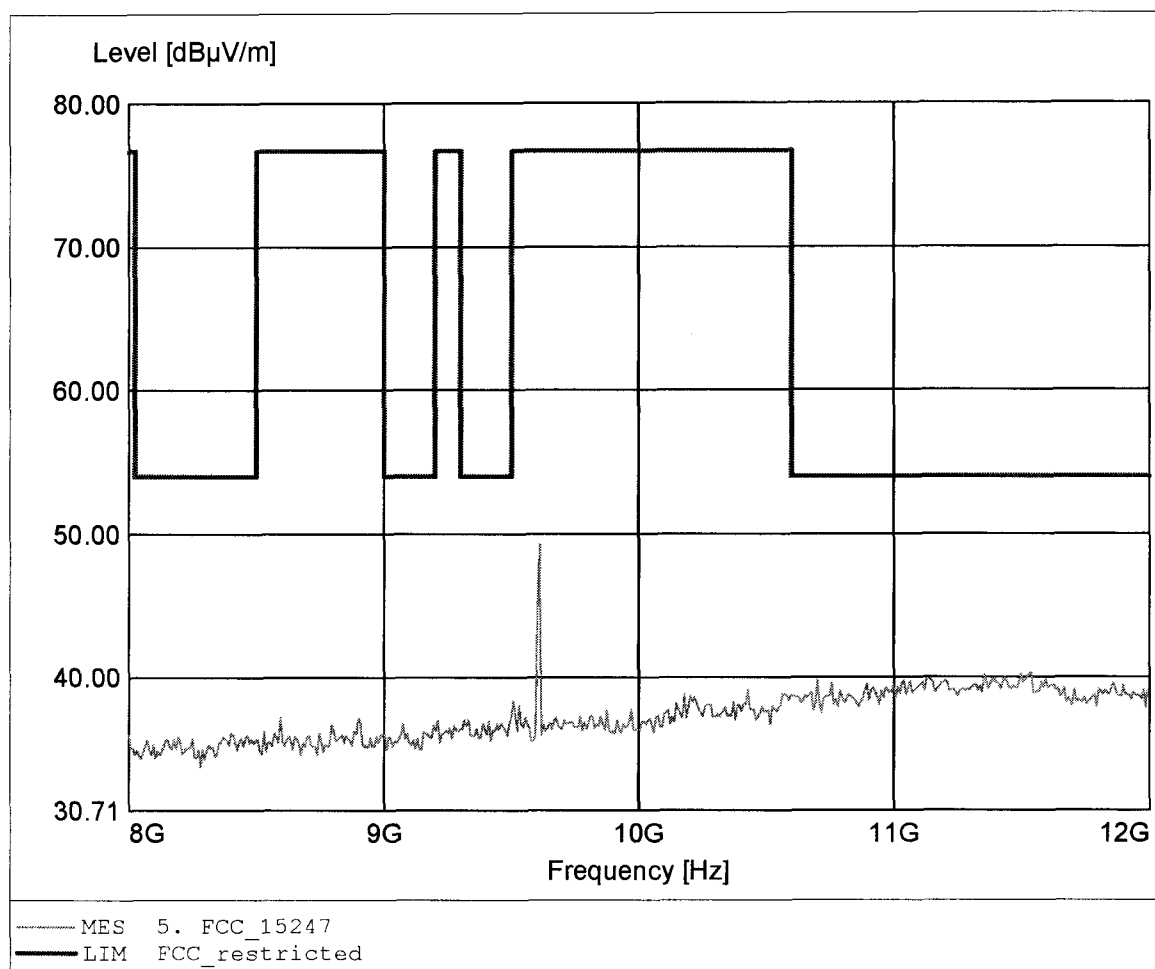
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.611GHz, Emax: 53.03dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

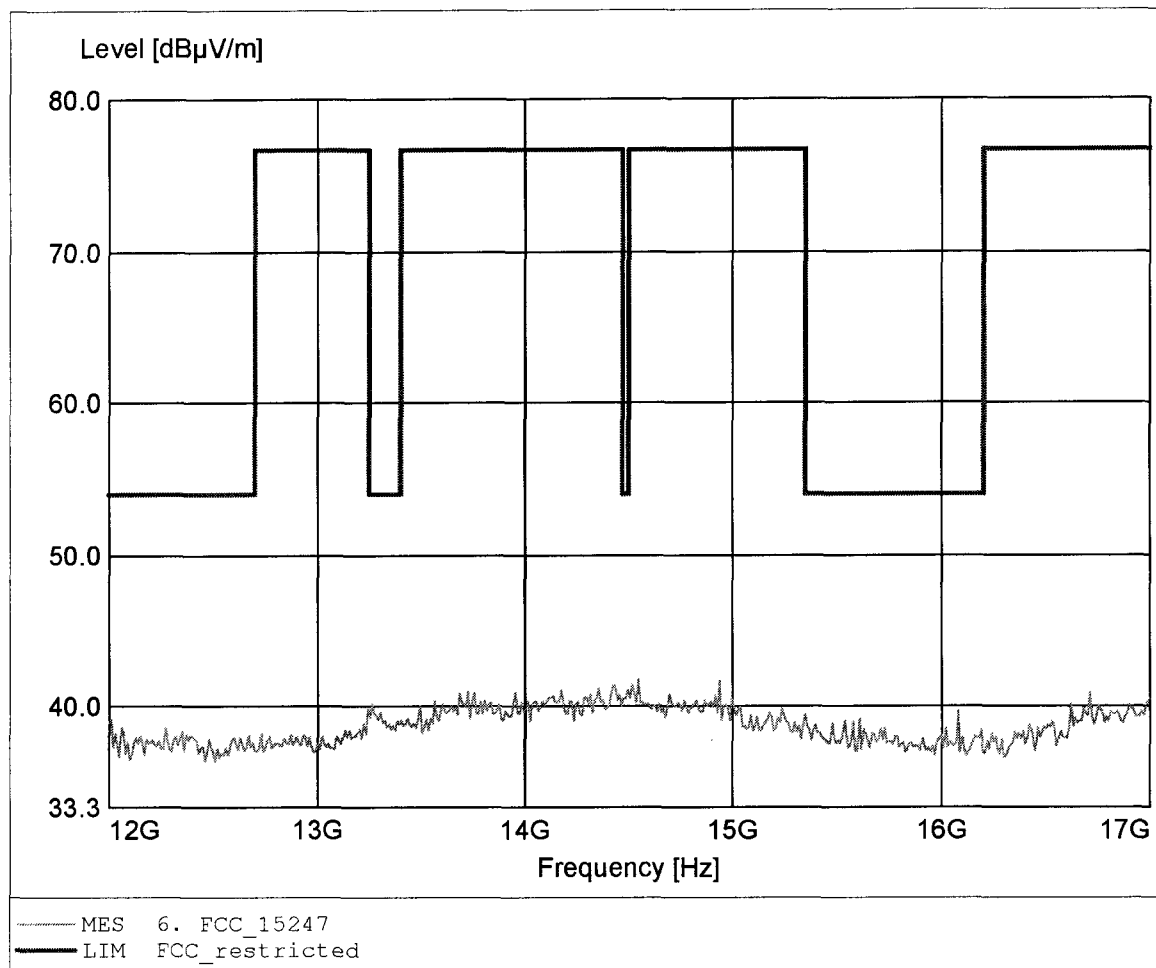
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.611GHz, Emax: 49.29dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

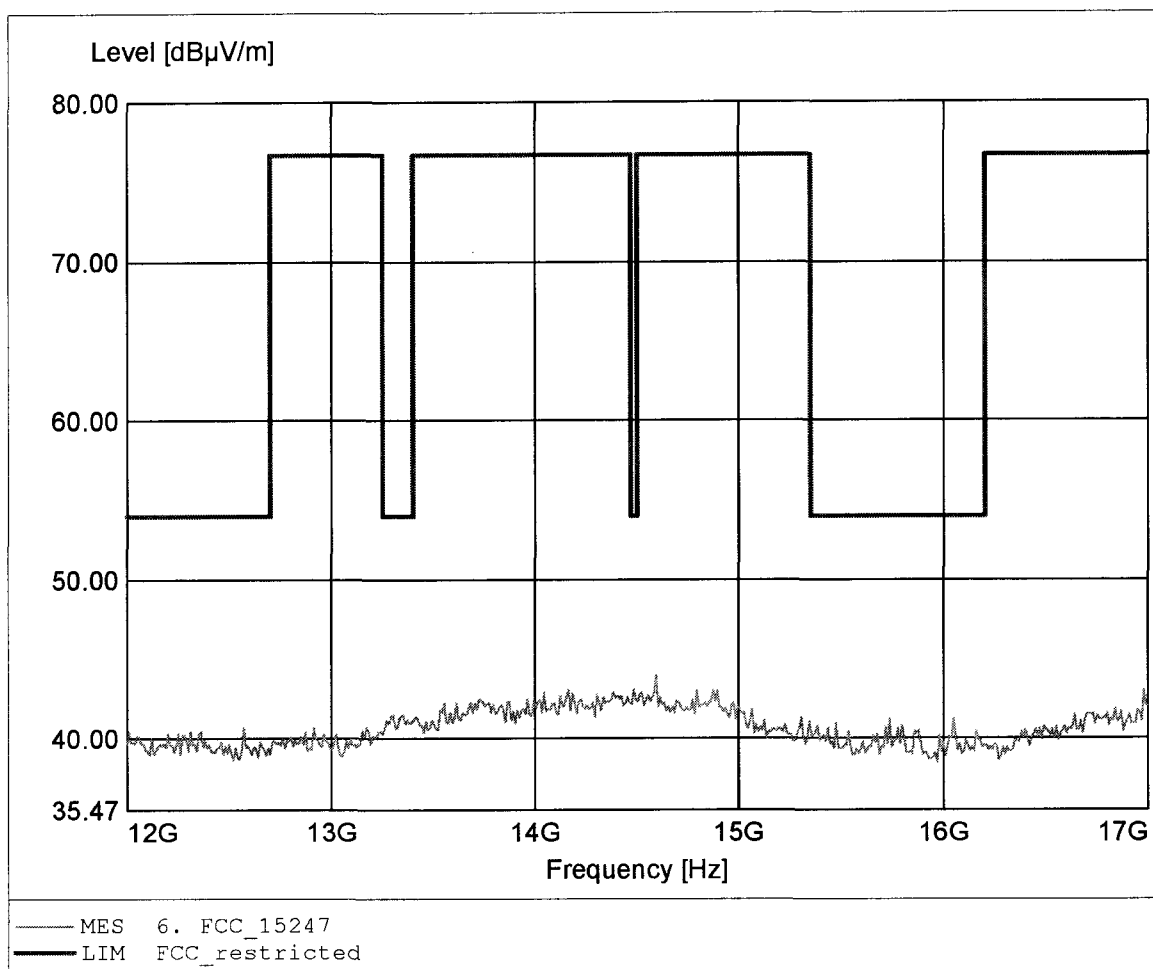
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.545GHz, Emax: 41.77dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

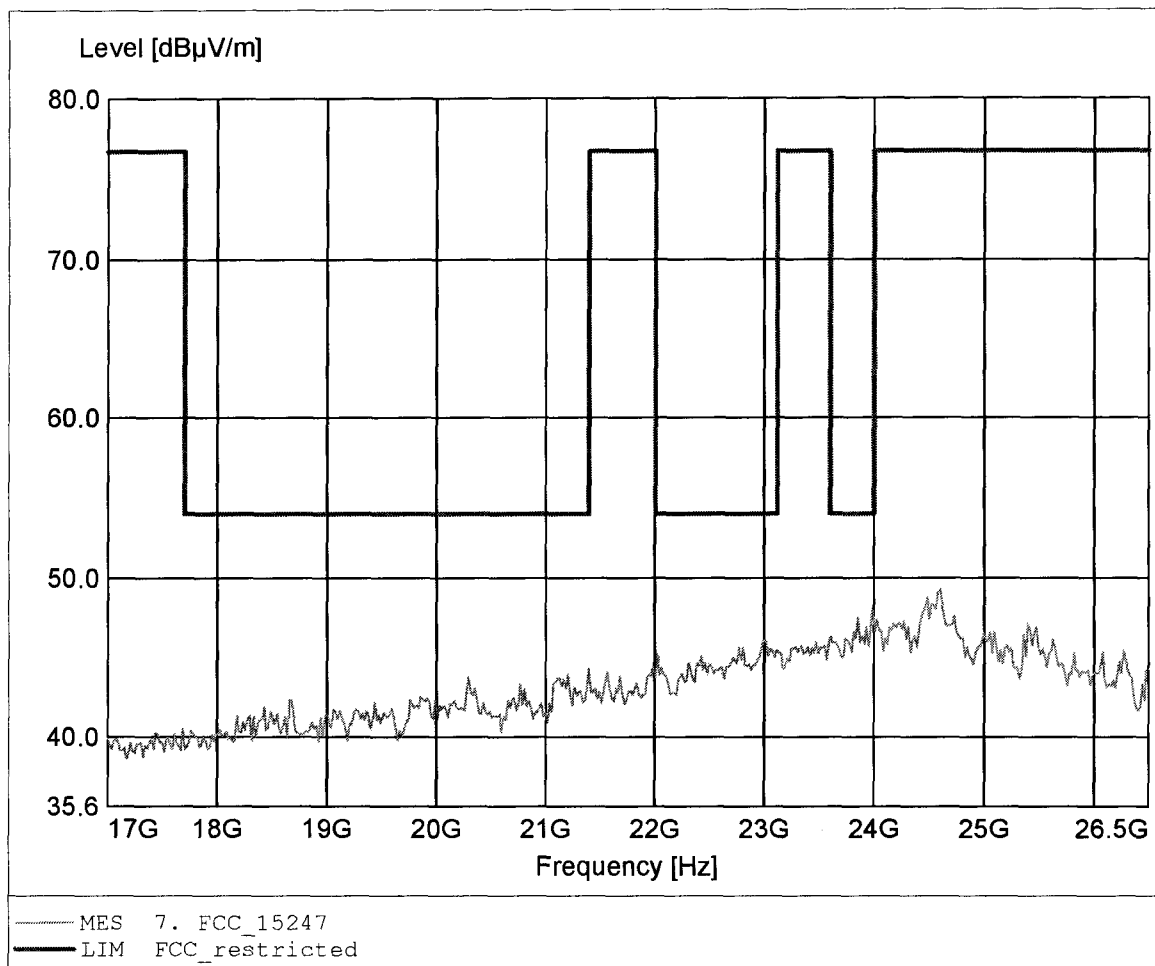
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.595GHz, Emax: 43.97dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

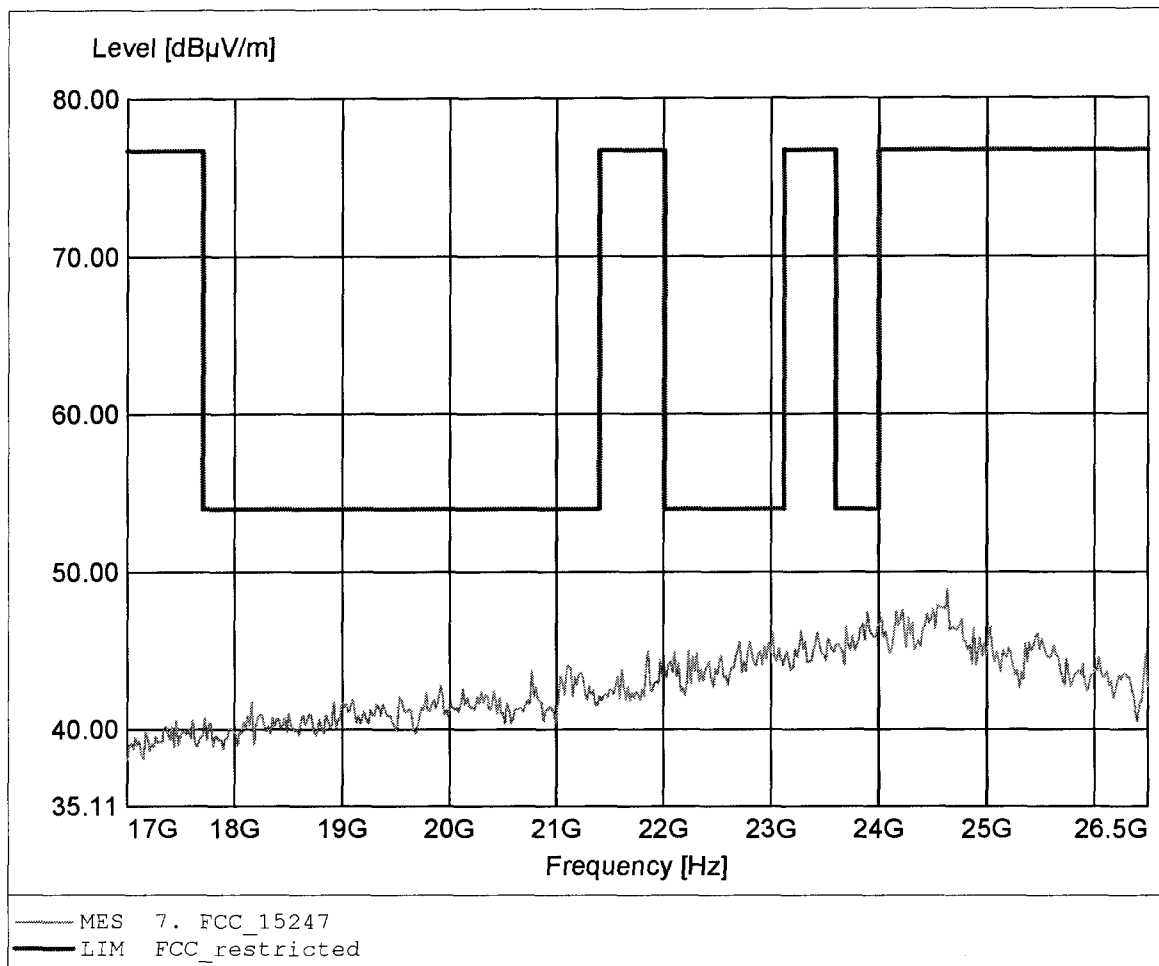
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.596GHz, Emax: 49.30dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

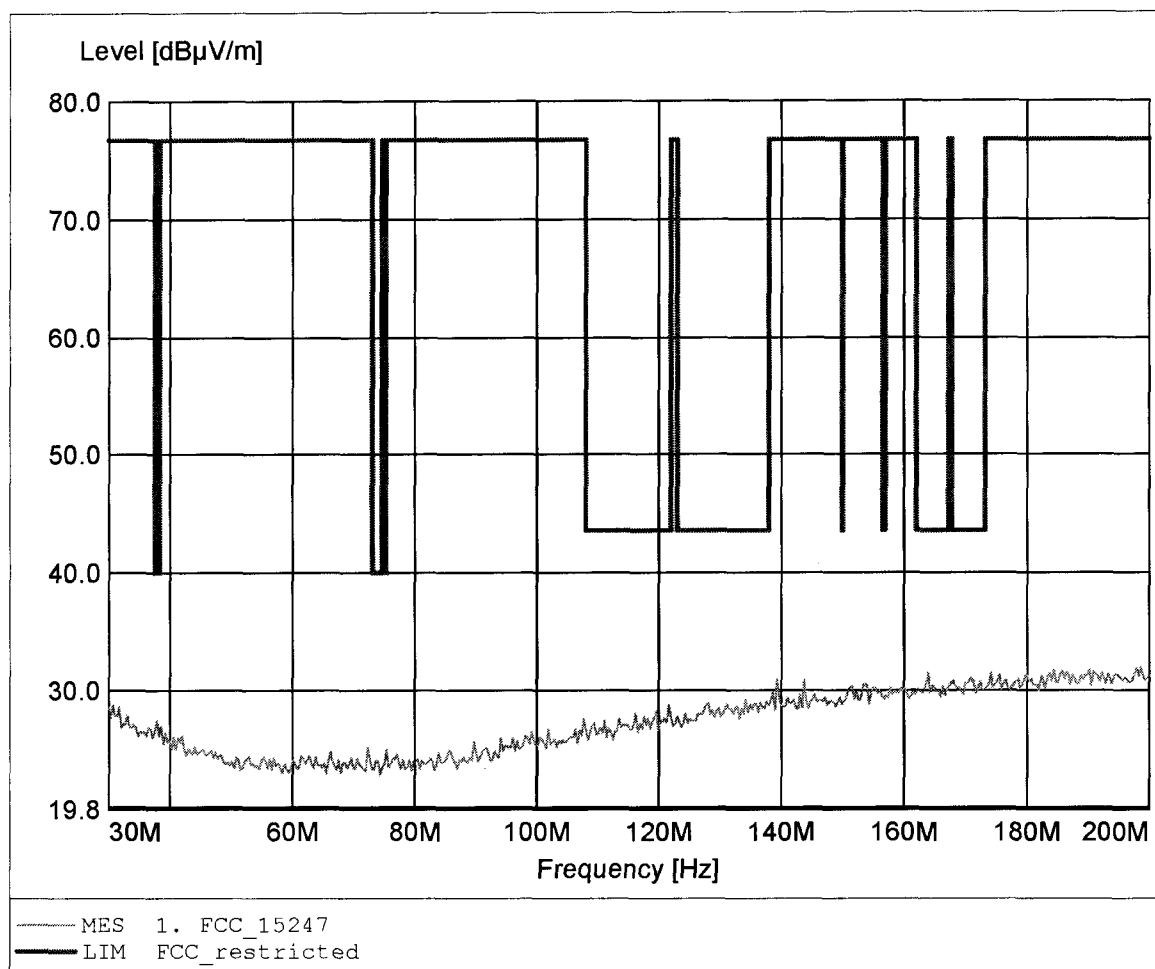
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.634GHz, Emax: 48.92dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

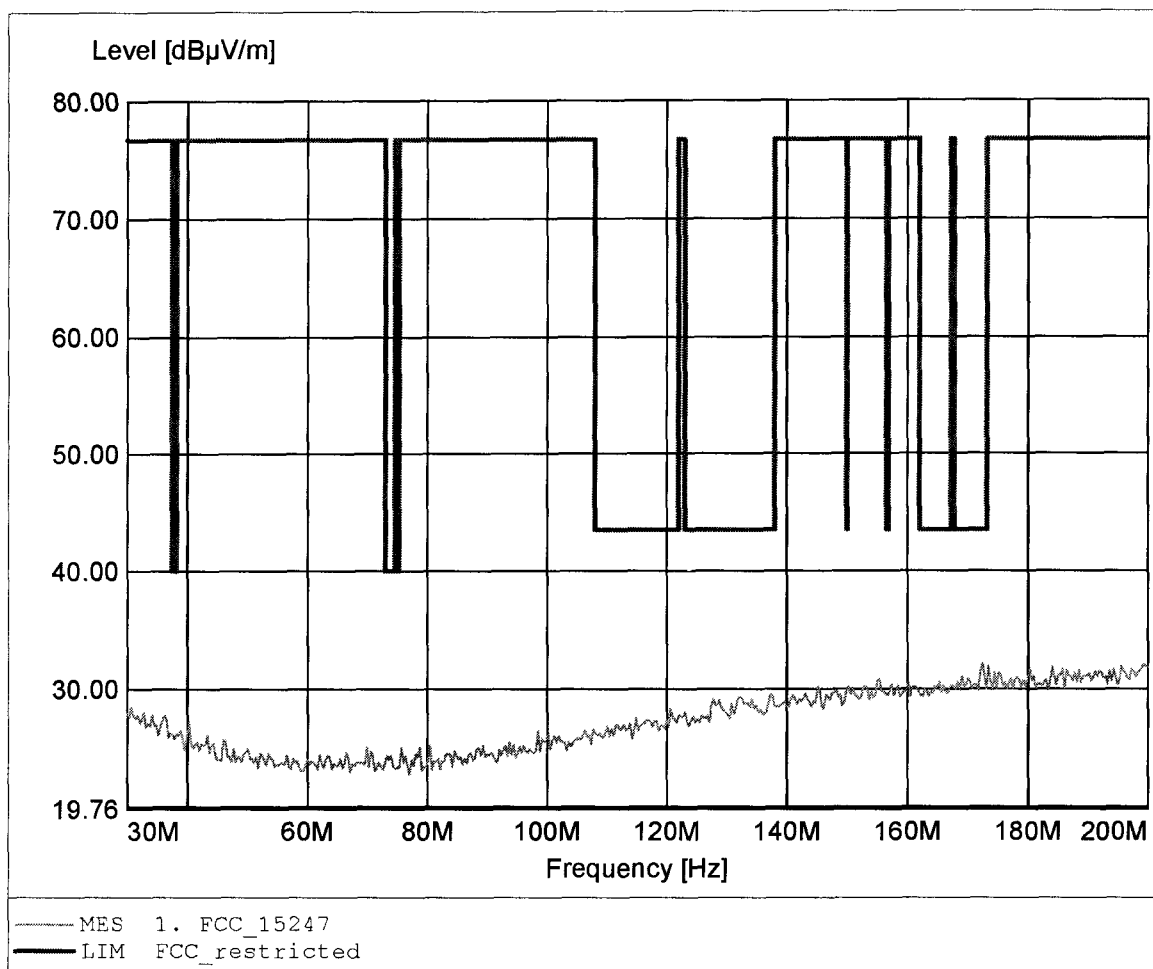
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.637MHz, Emax: 31.99dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

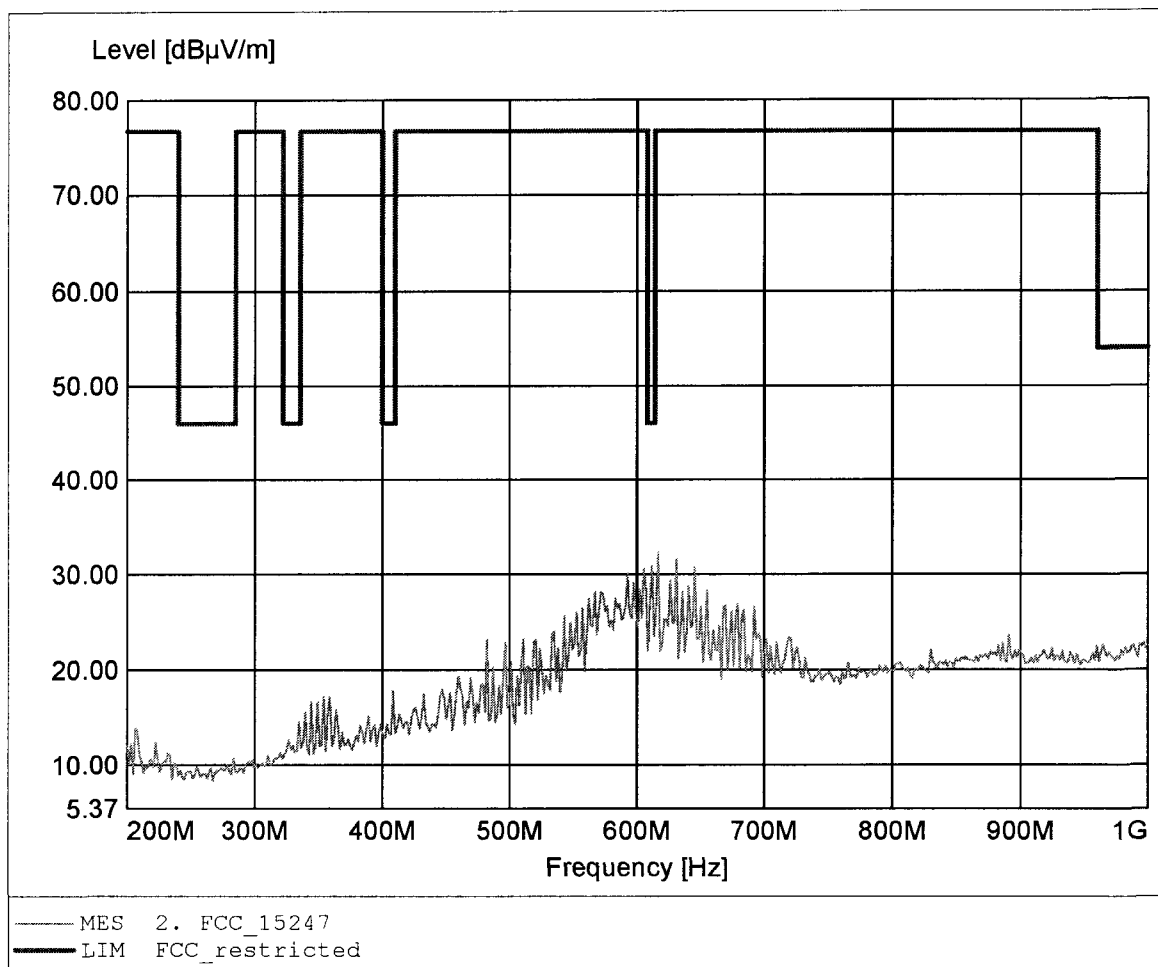
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 172.405MHz, Emax: 32.12dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

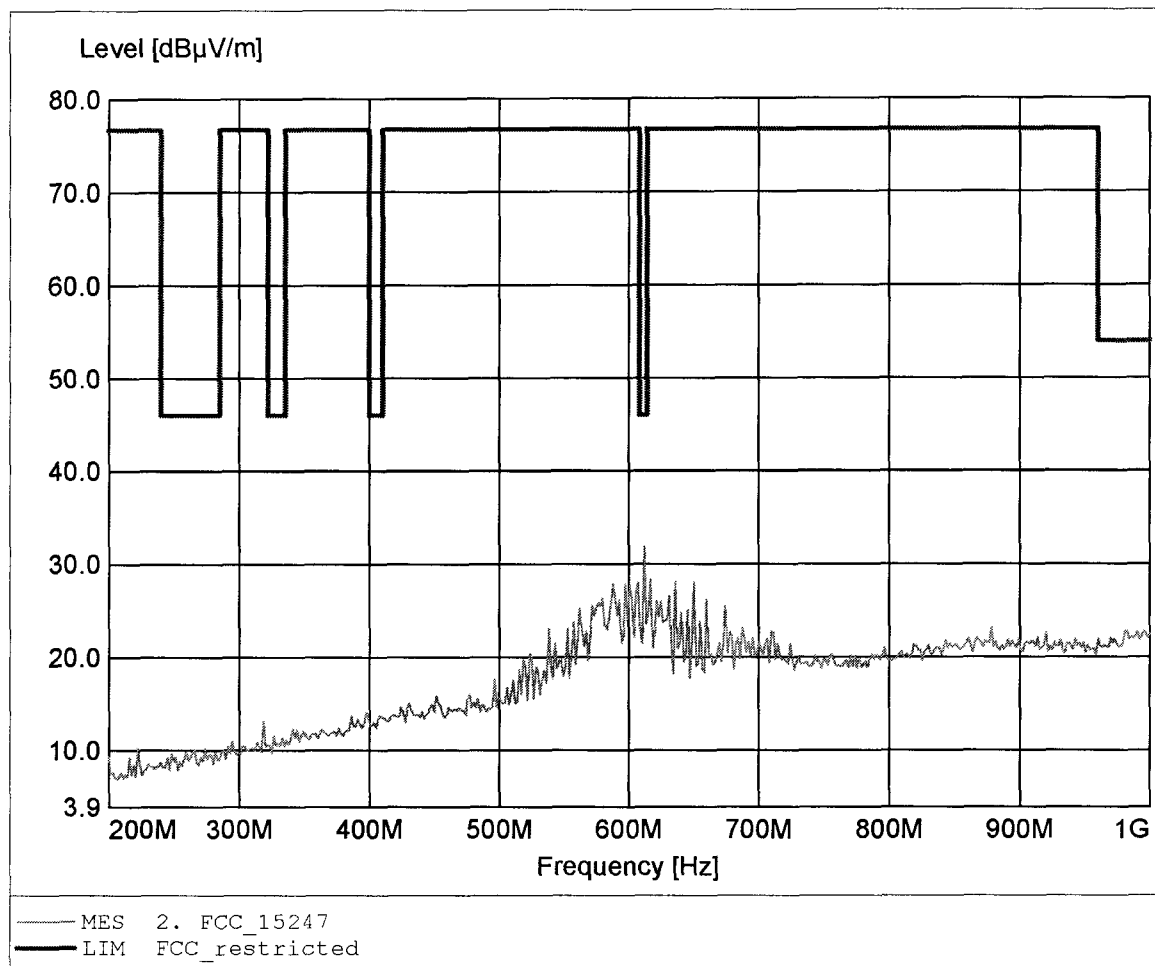
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 616.834MHz, Emax: 32.24dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

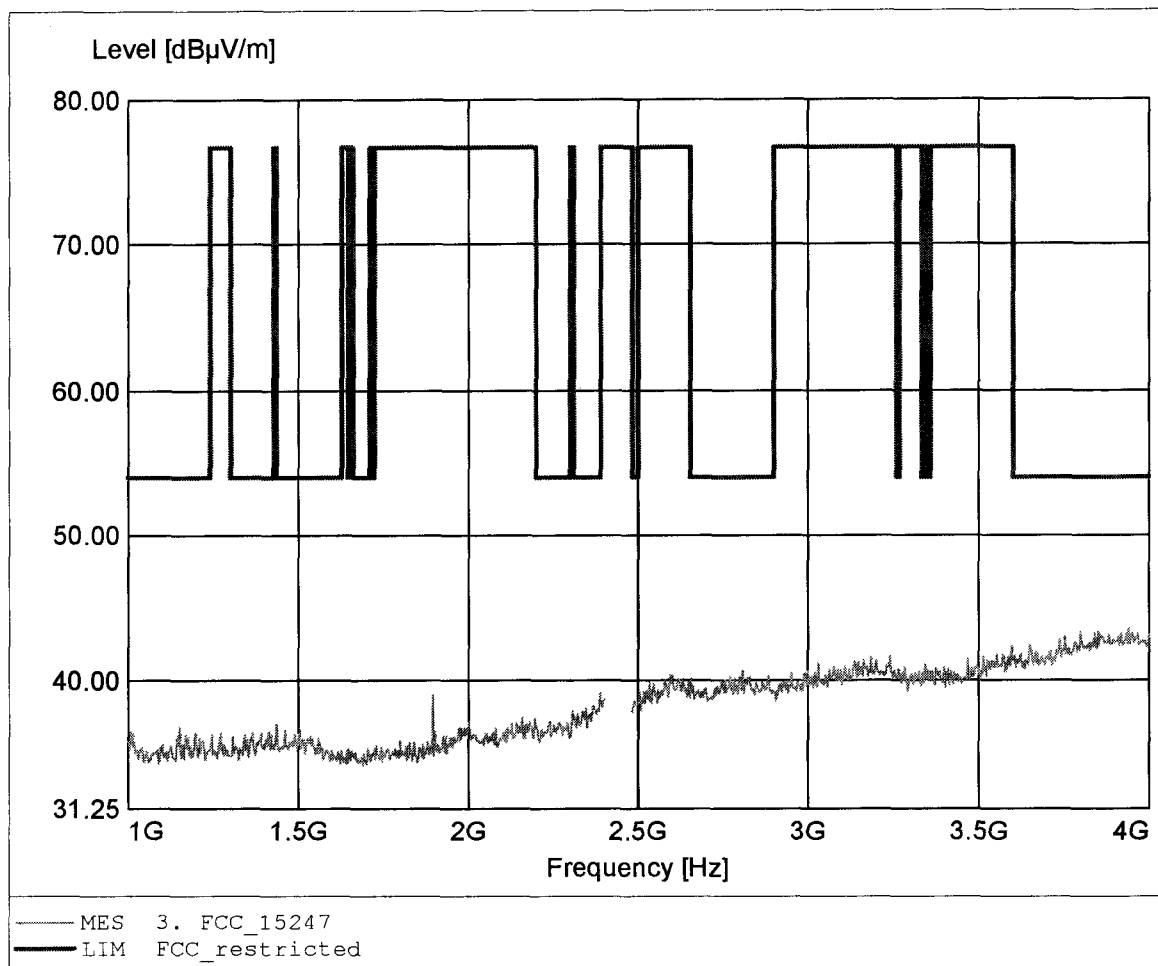
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 612.024MHz, Emax: 31.85dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

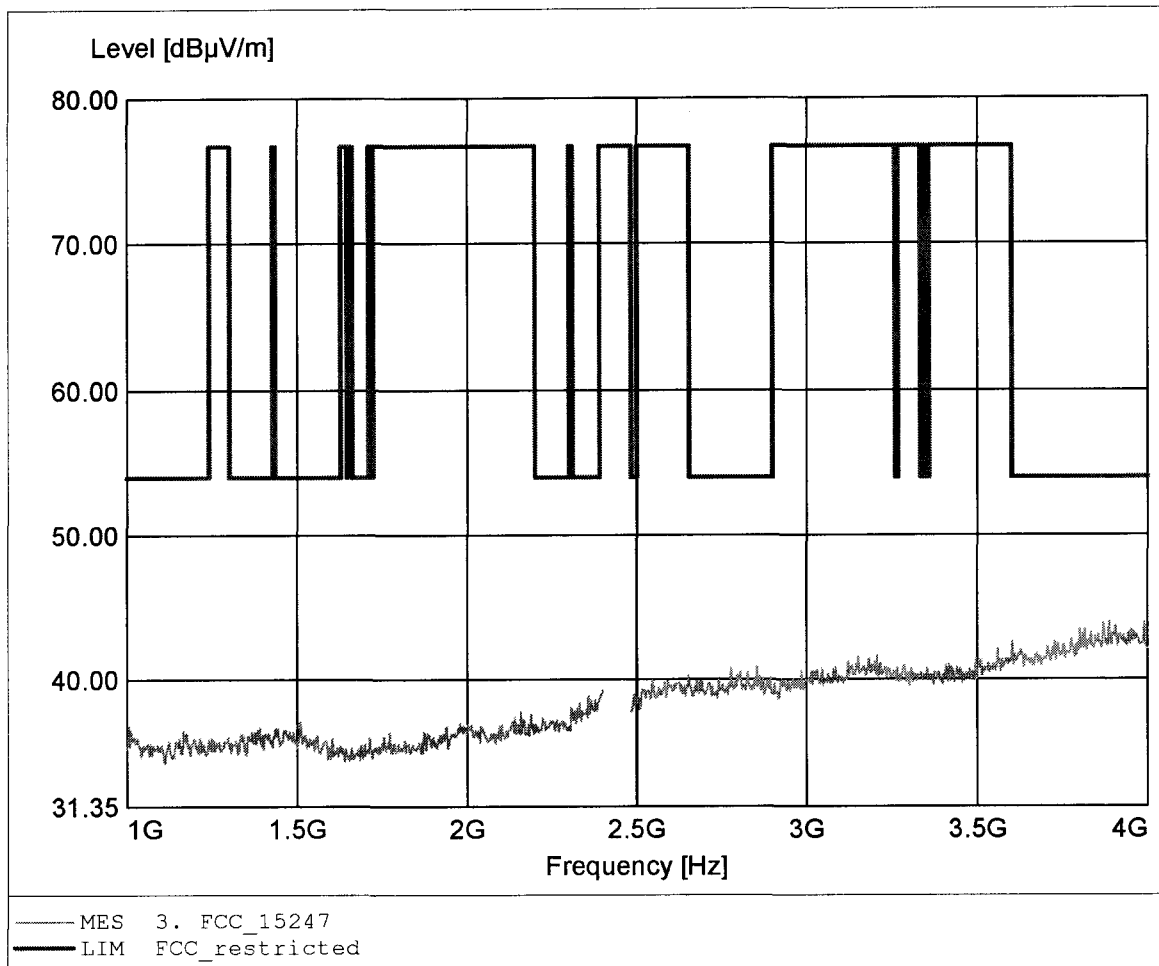
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.939GHz, Emax: 43.56dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

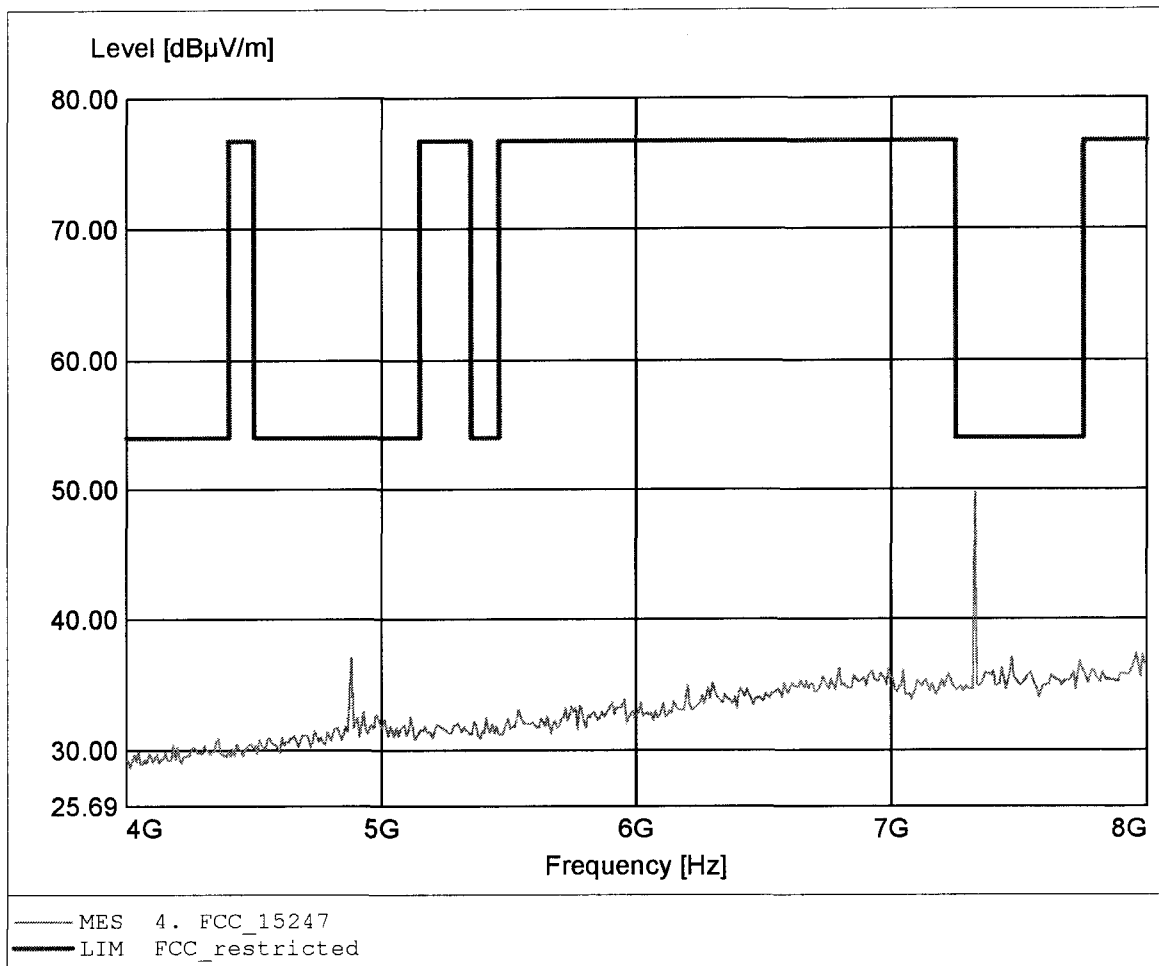
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.888GHz, Emax: 44.00dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

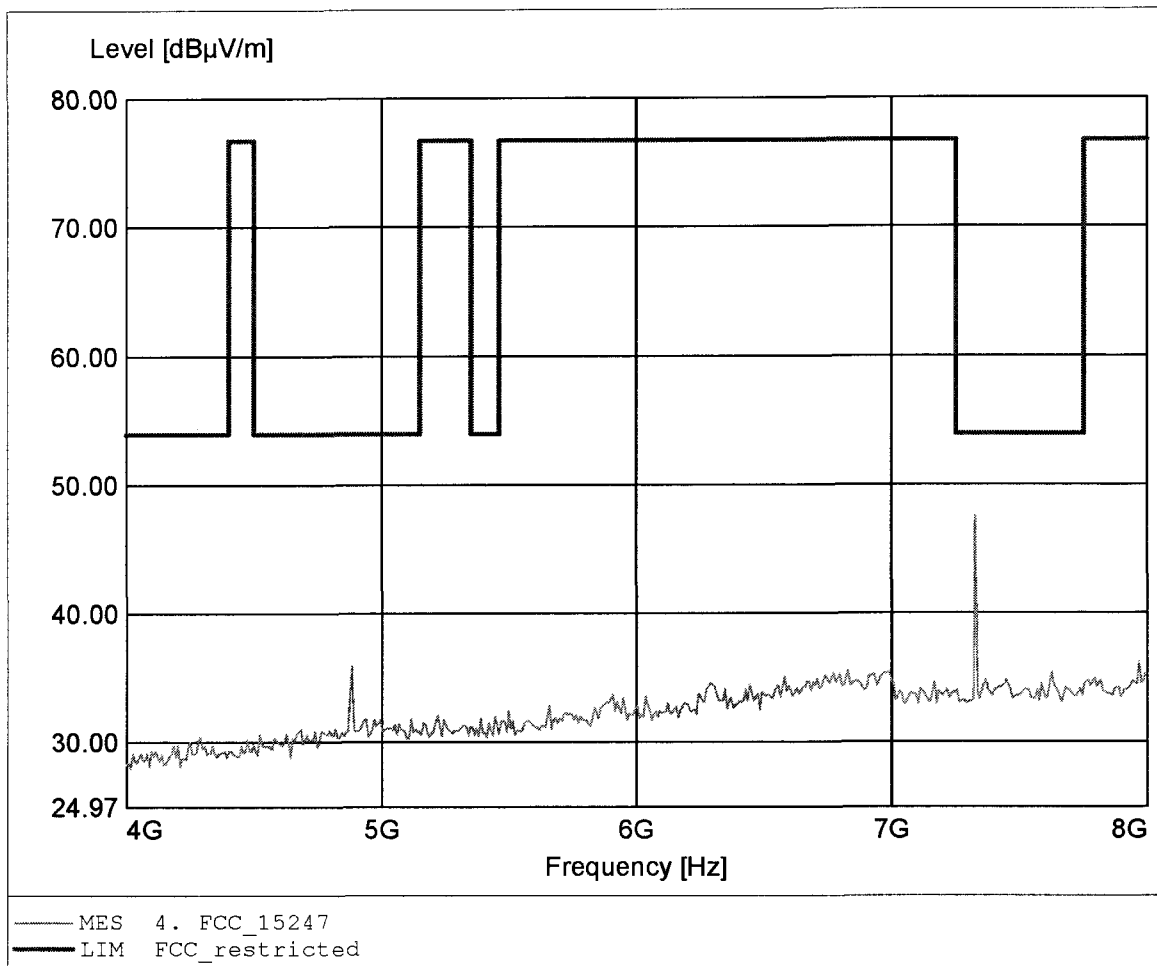
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 49.73dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

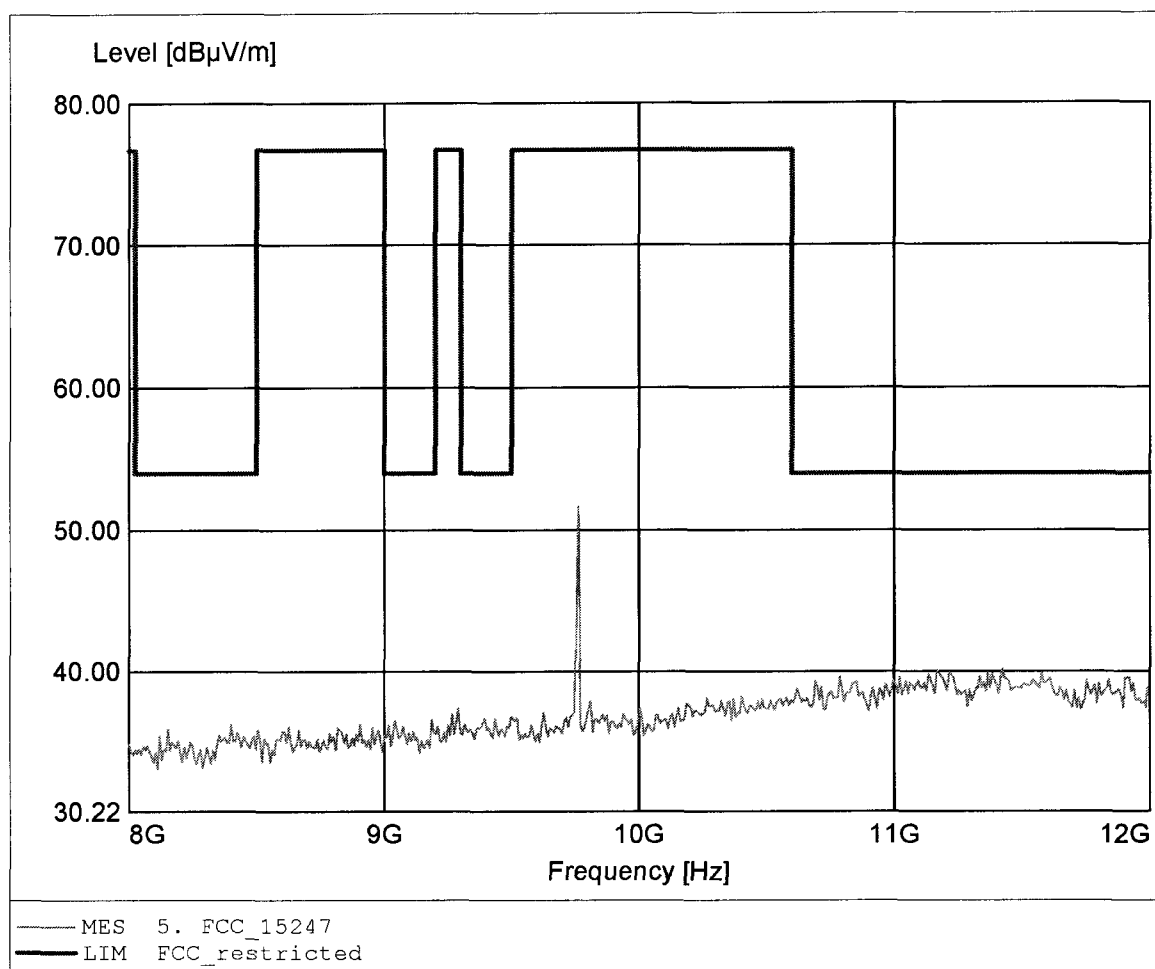
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 47.52dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

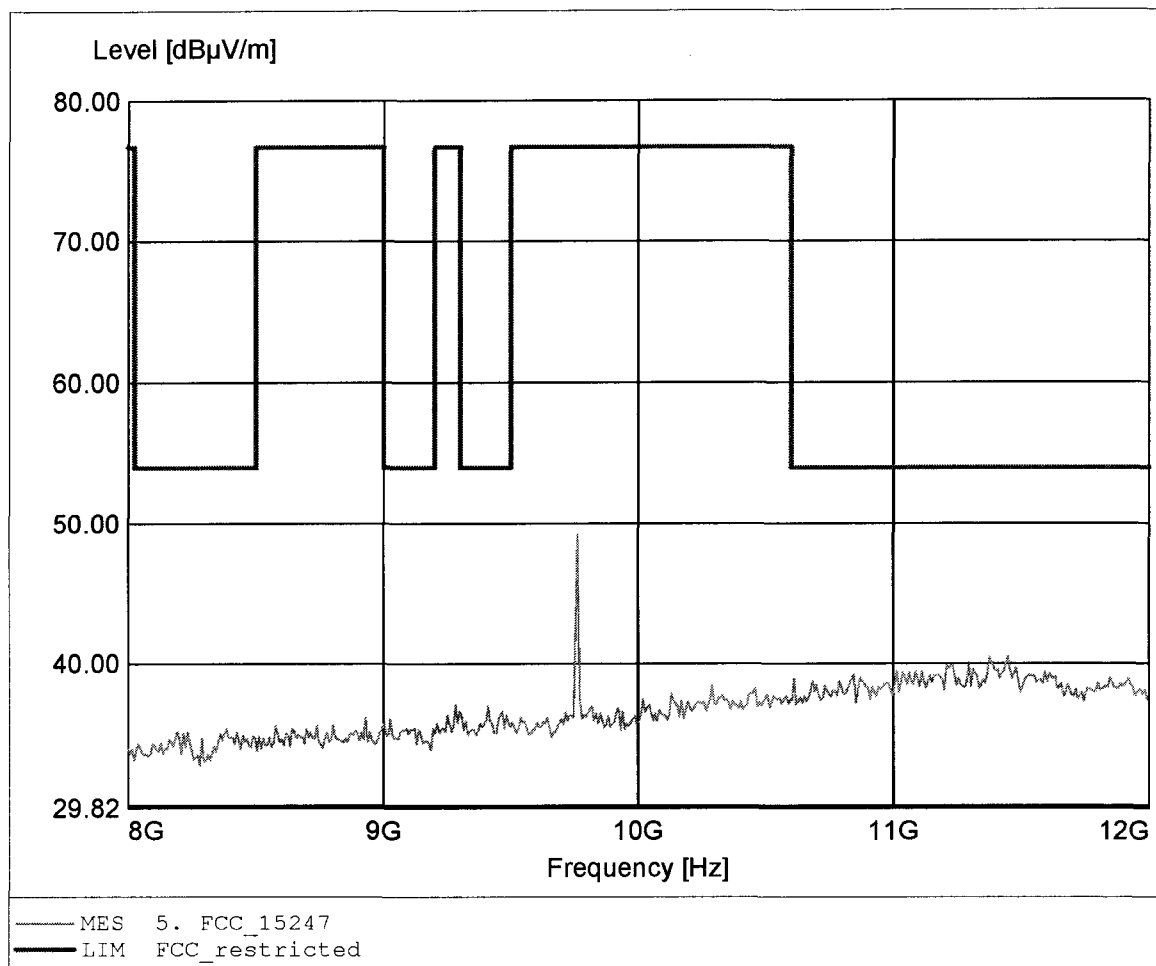
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.764GHz, Emax: 51.68dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

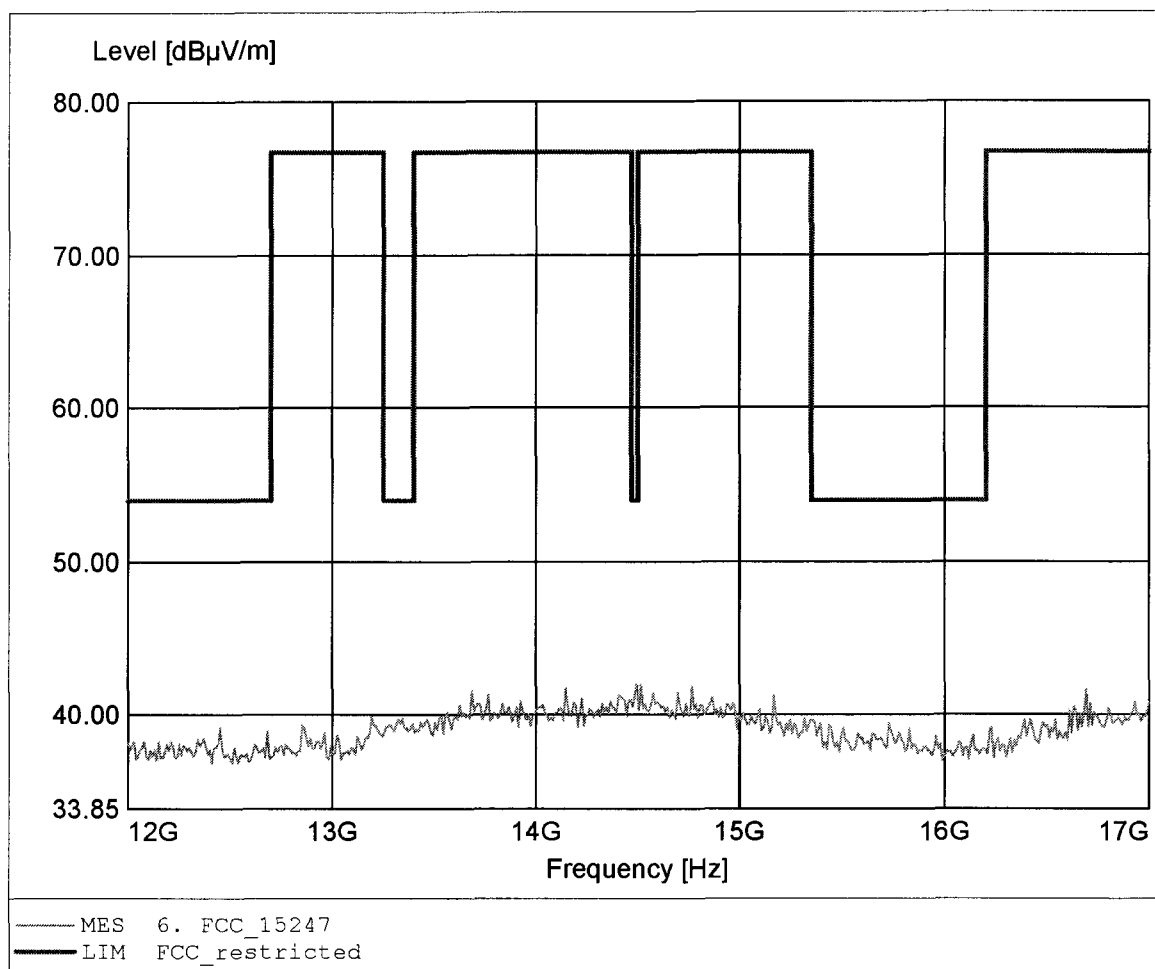
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.764GHz, Emax: 49.25dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

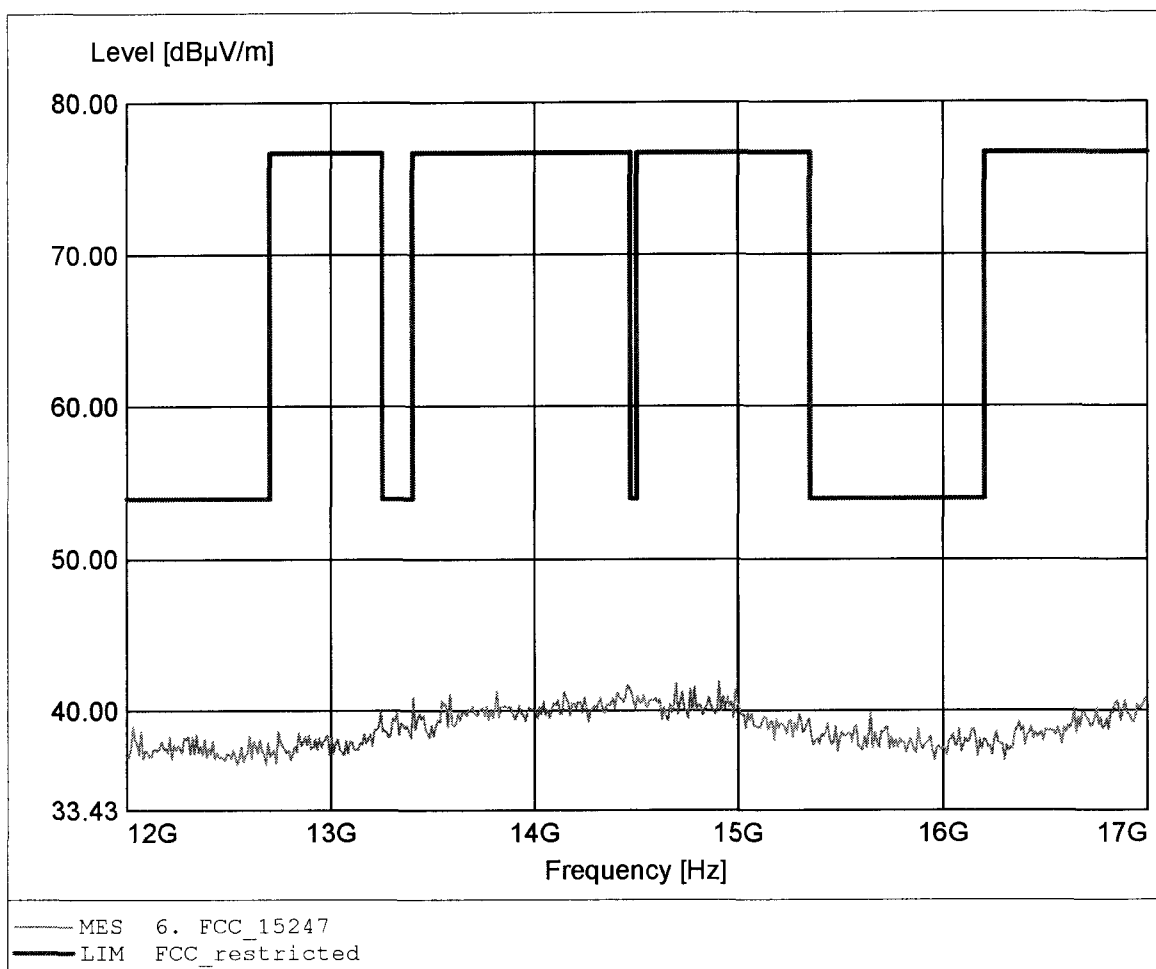
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.495GHz, Emax: 41.99dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

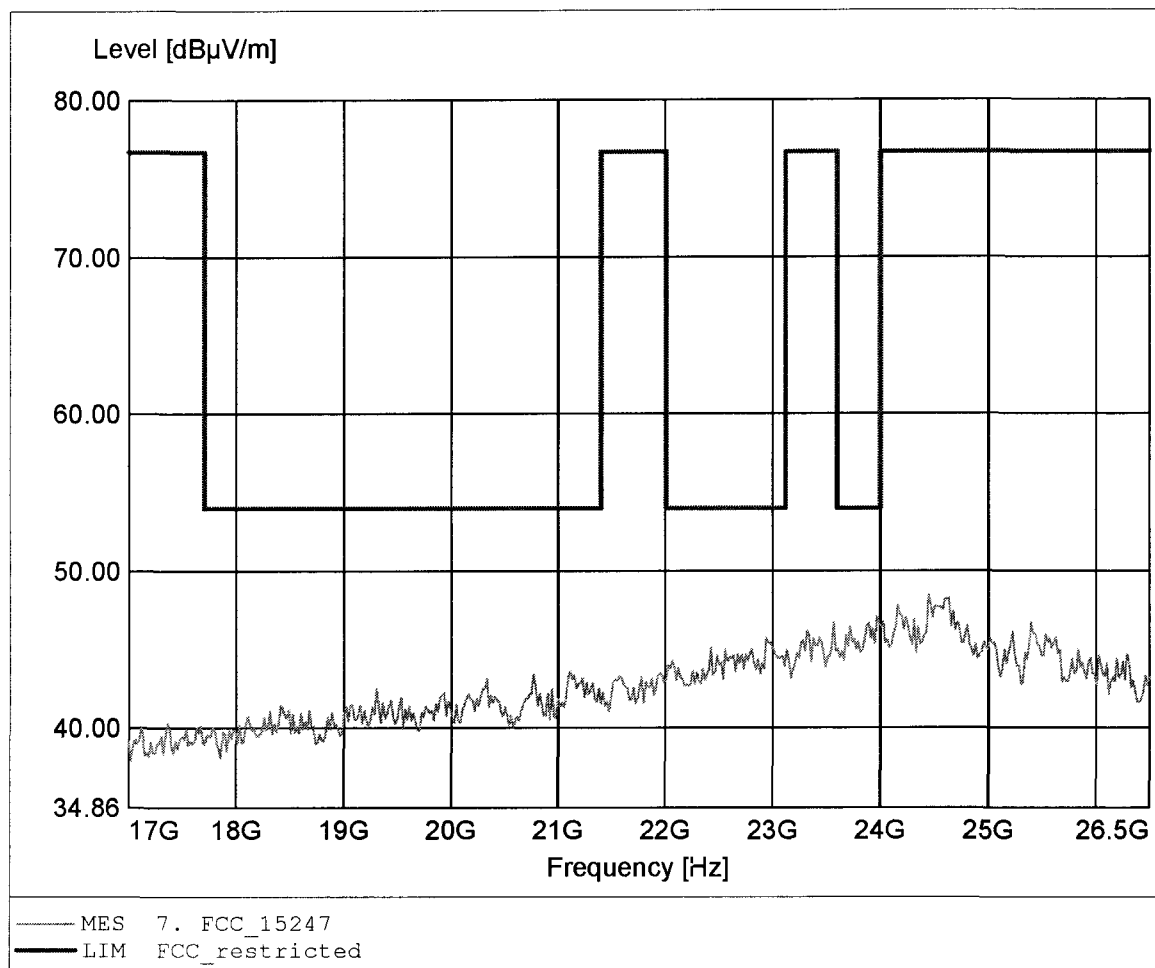
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.906GHz, Emax: 41.91dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

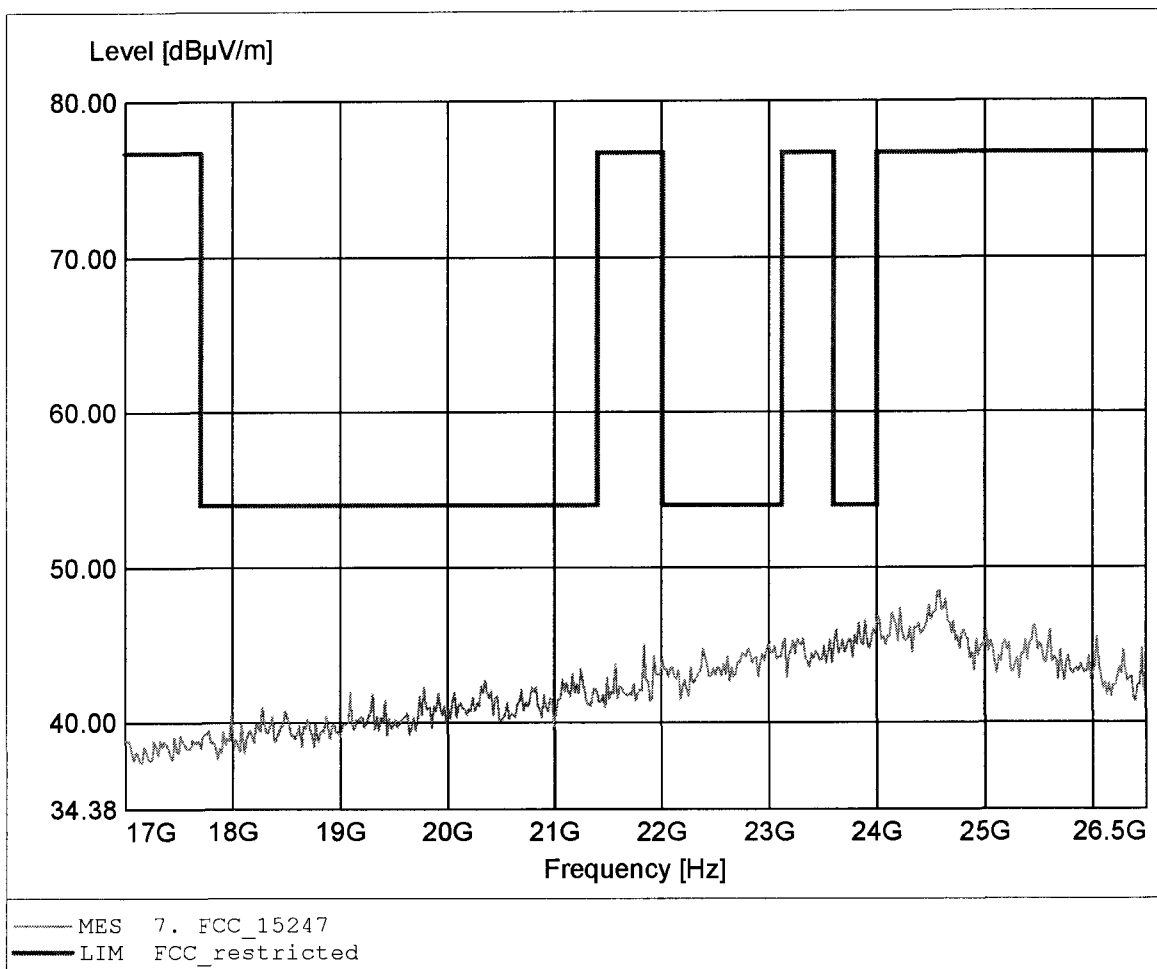
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.444GHz, Emax: 48.48dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

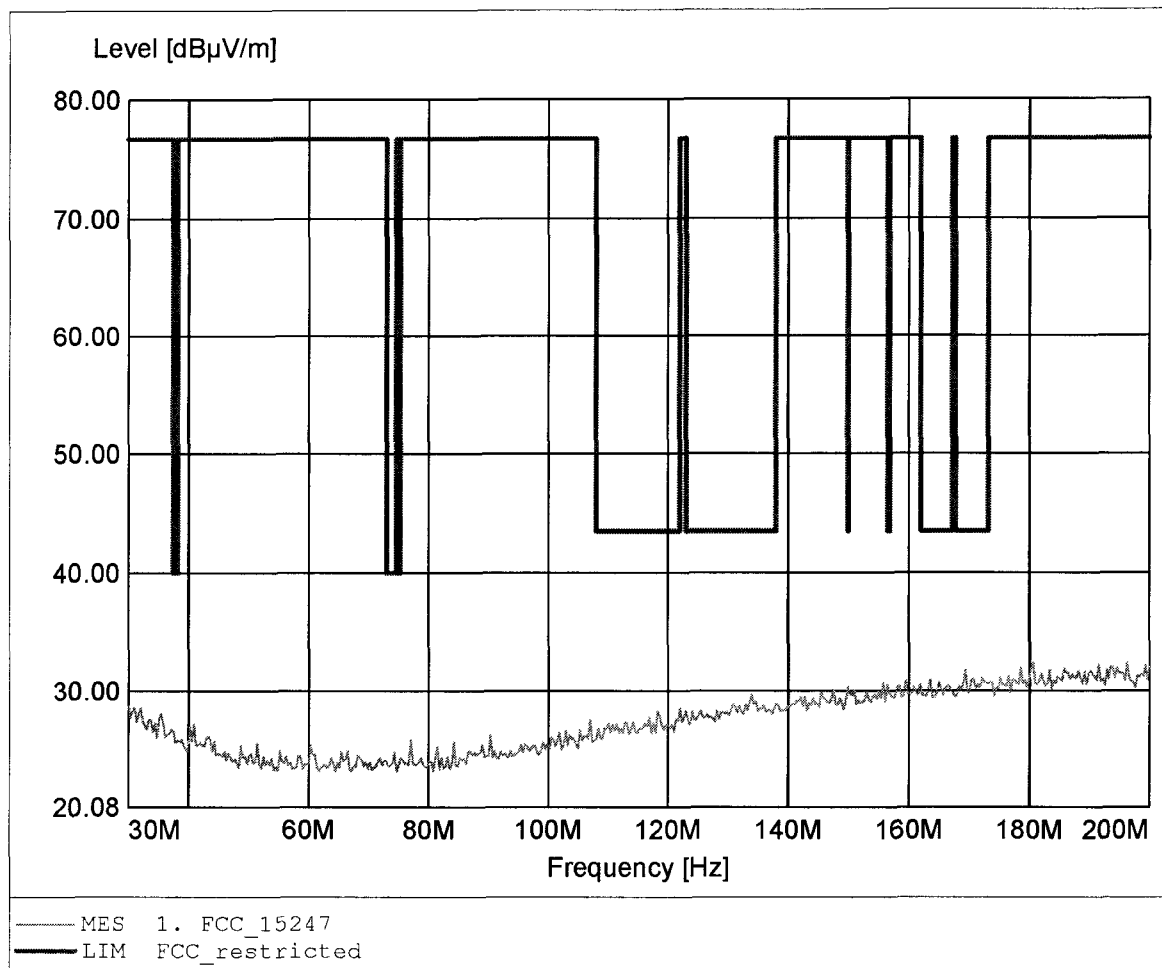
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.577GHz, Emax: 48.47dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

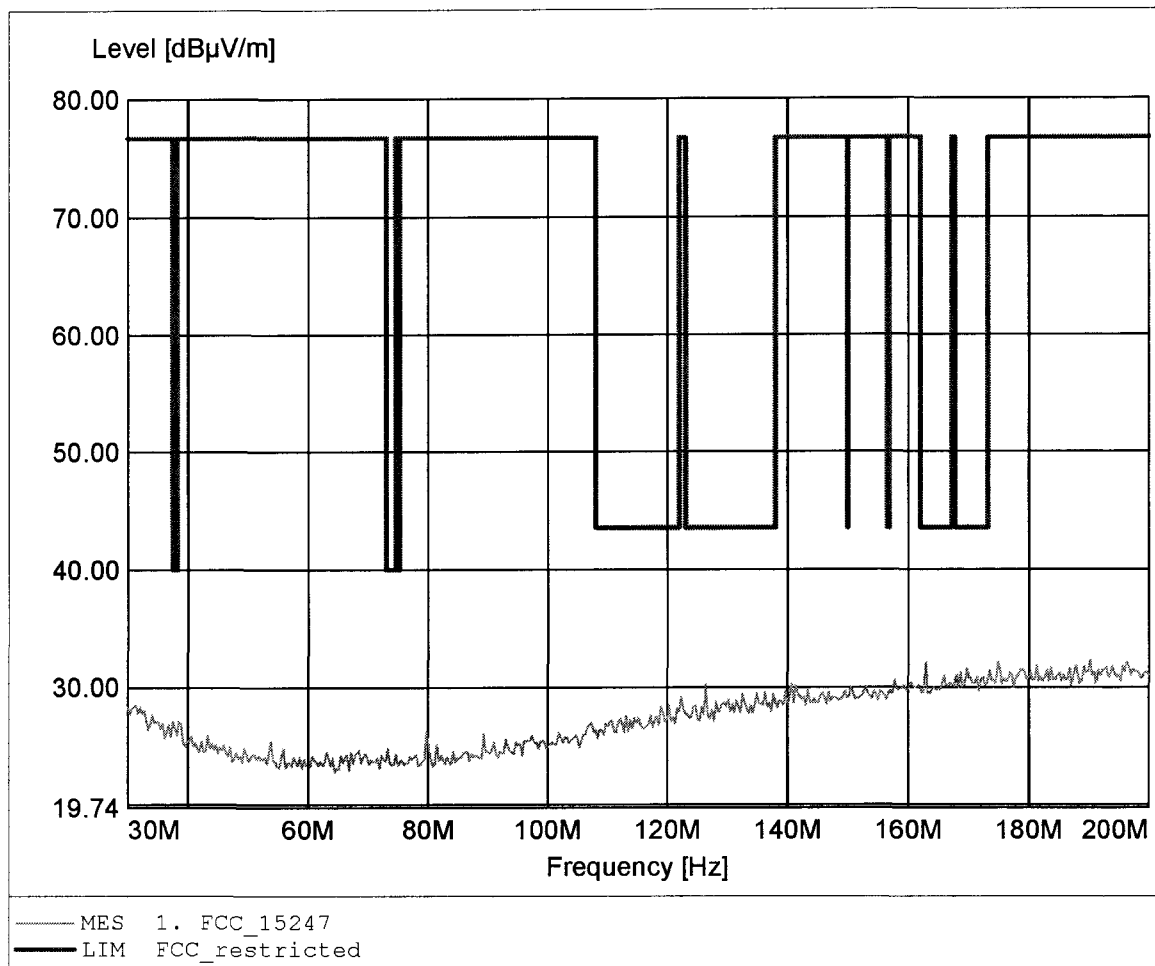
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.253MHz, Emax: 32.36dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

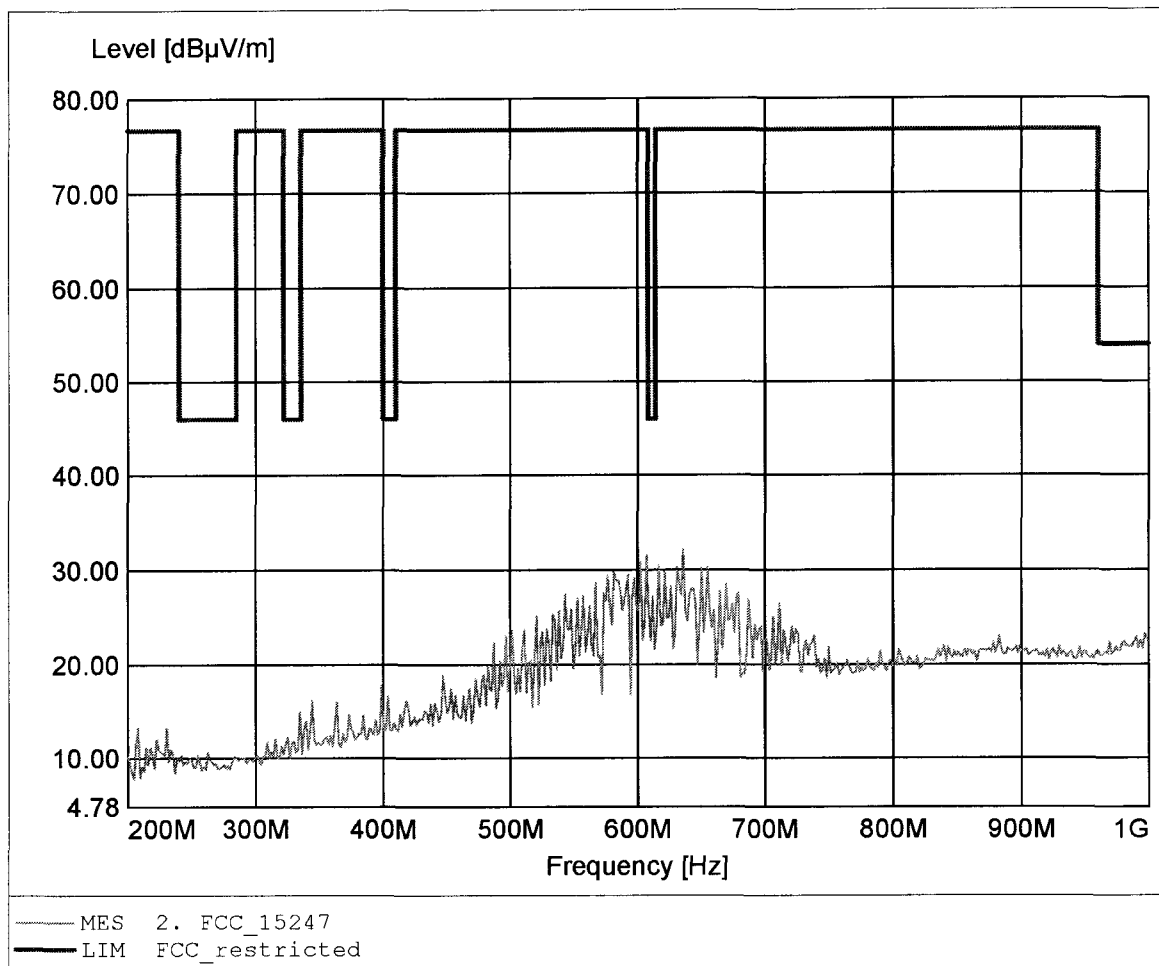
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 190.120MHz, Emax: 32.33dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

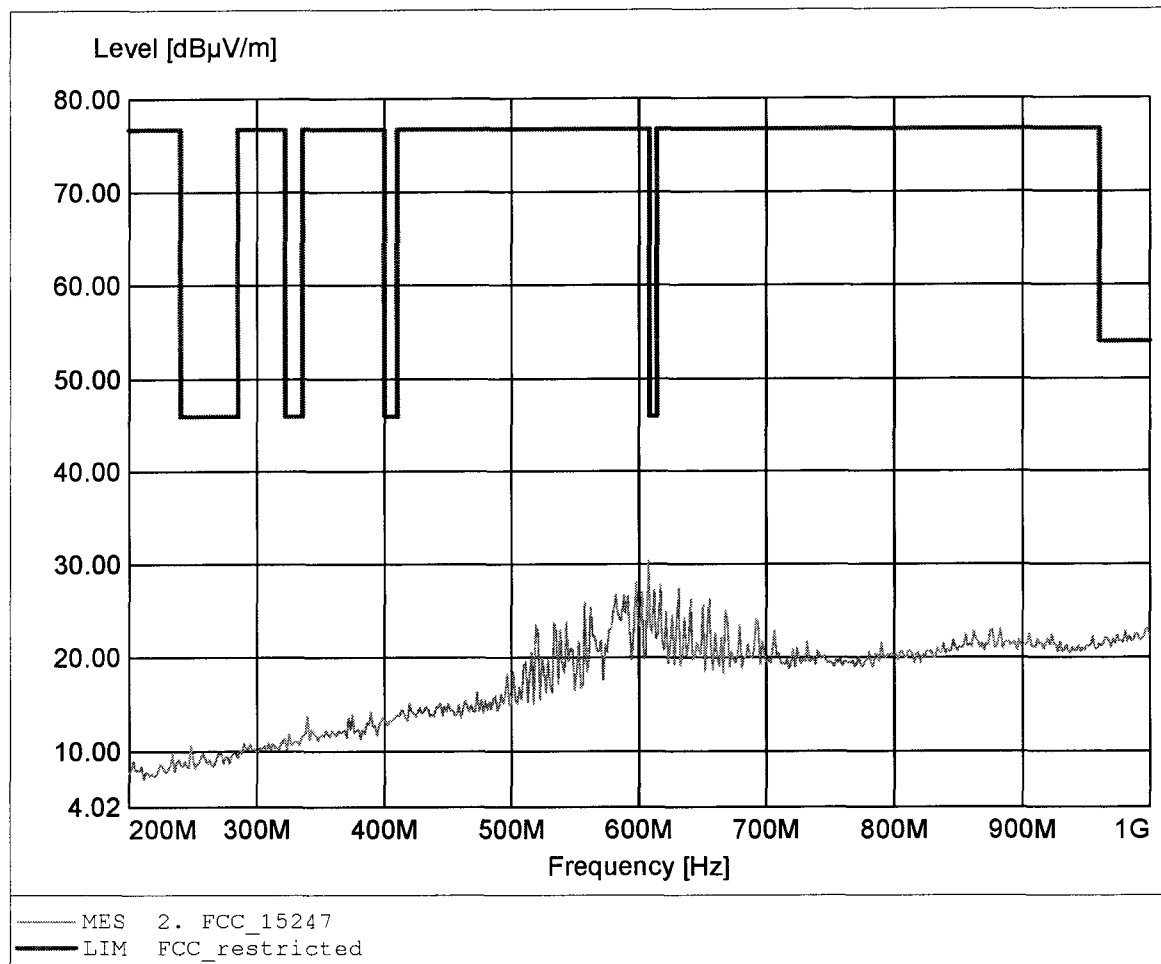
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 636.072MHz, Emax: 32.18dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

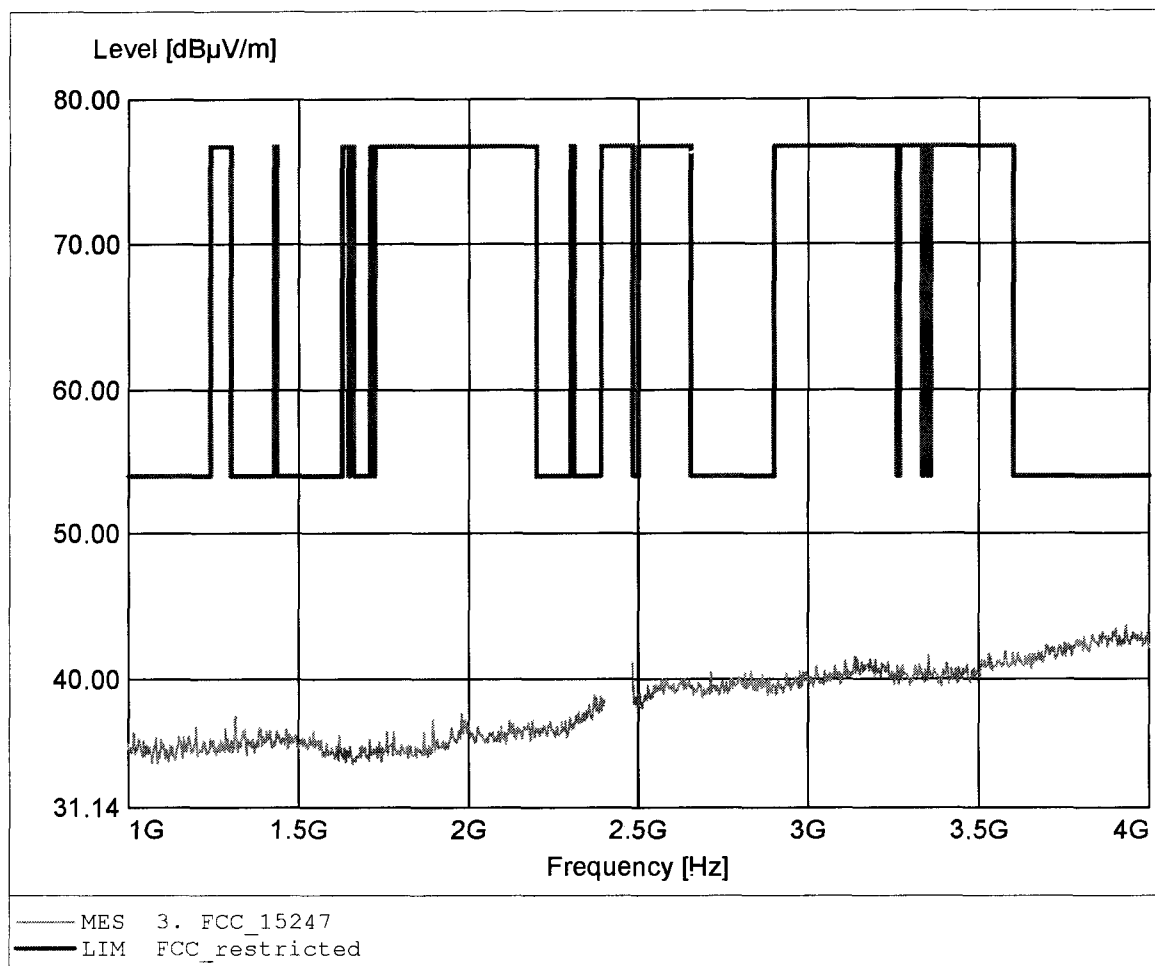
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 607.214MHz, Emax: 30.35dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

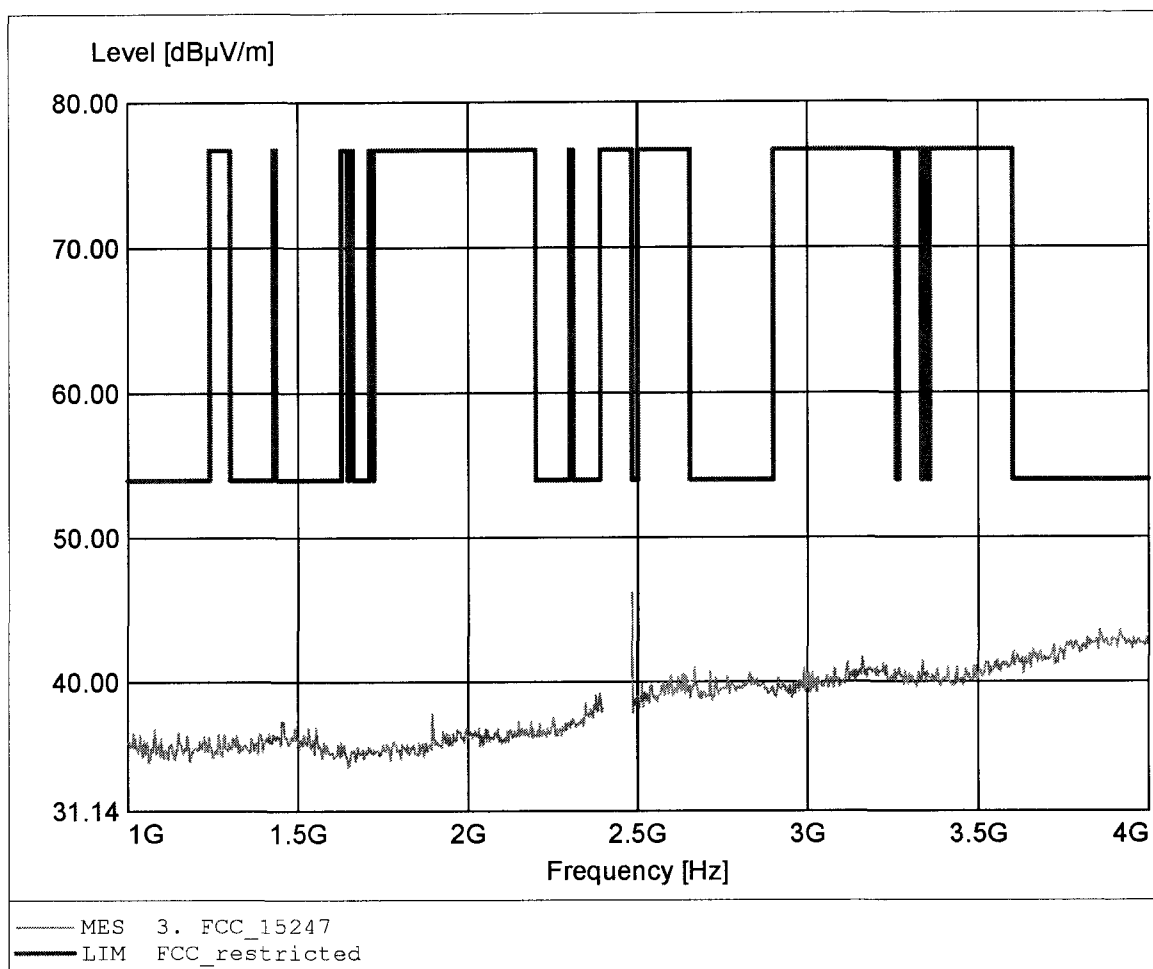
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.933GHz, Emax: 43.68dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

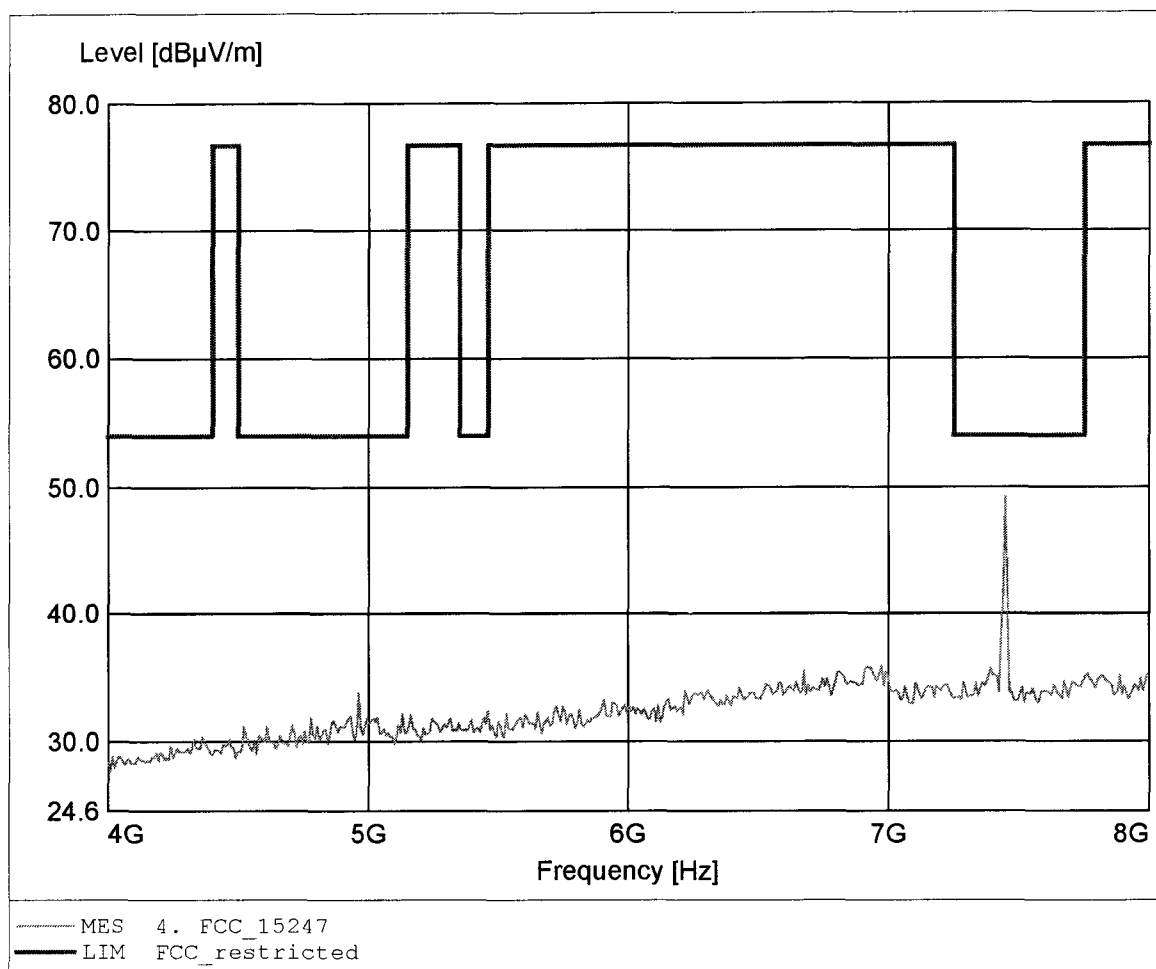
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 46.18dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

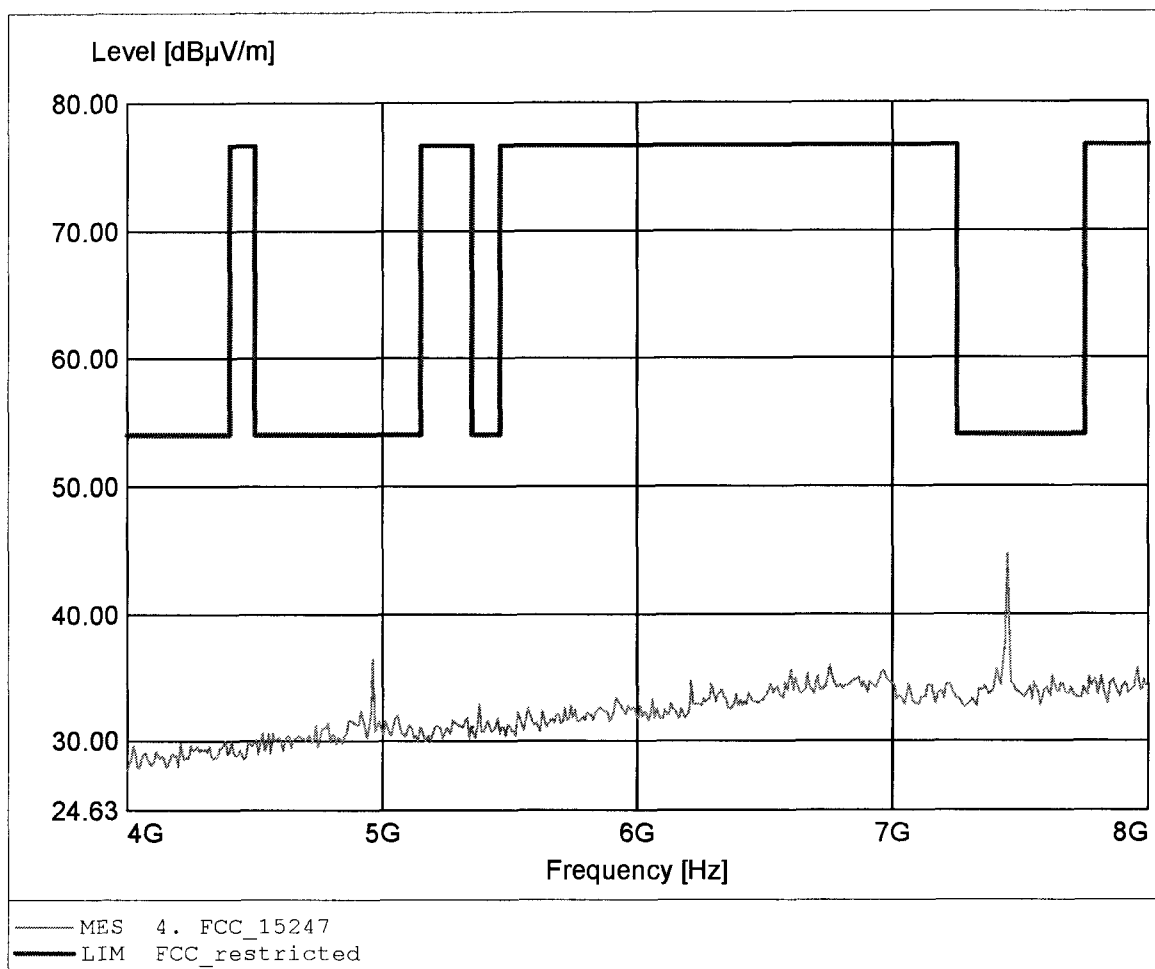
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.447GHz, Emax: 49.24dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

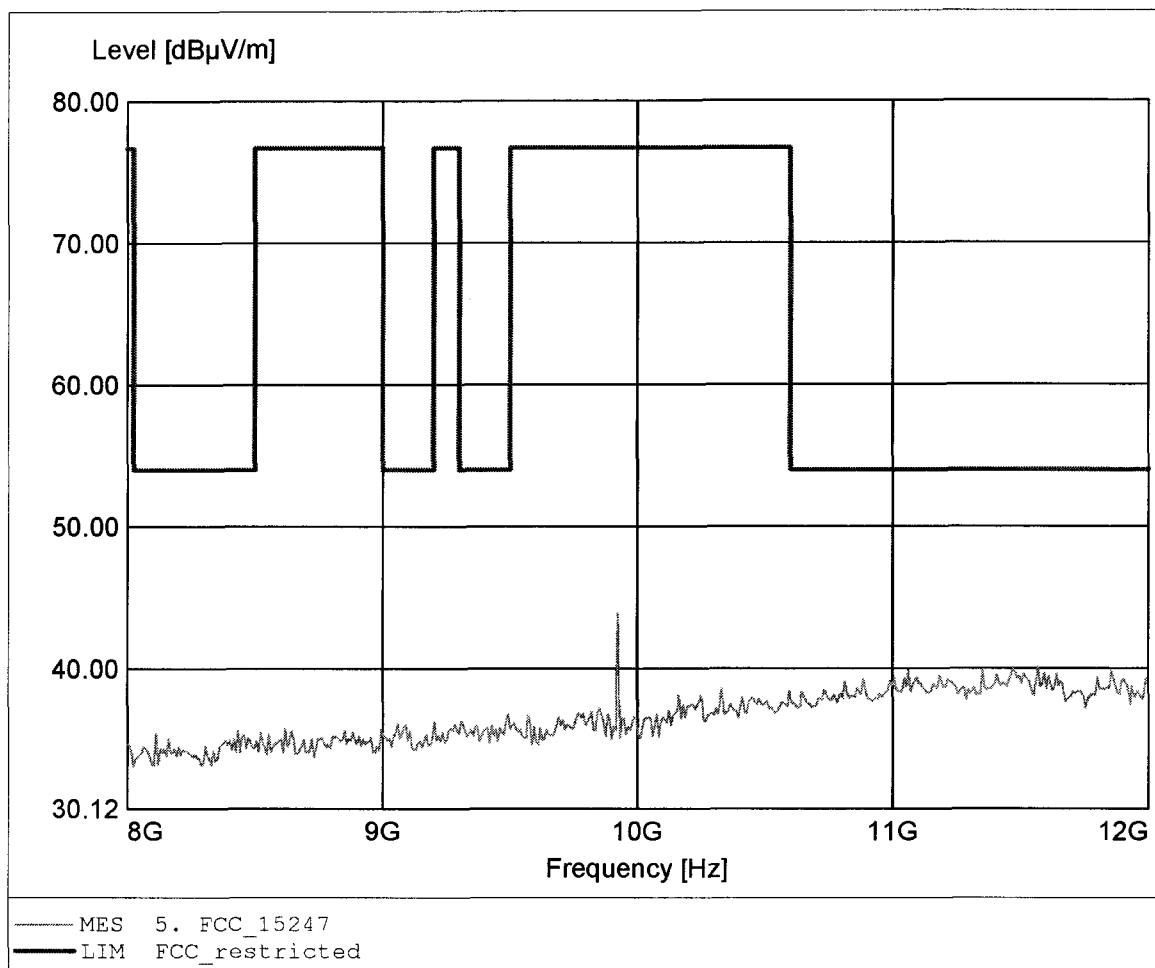
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.447GHz, Emax: 44.80dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

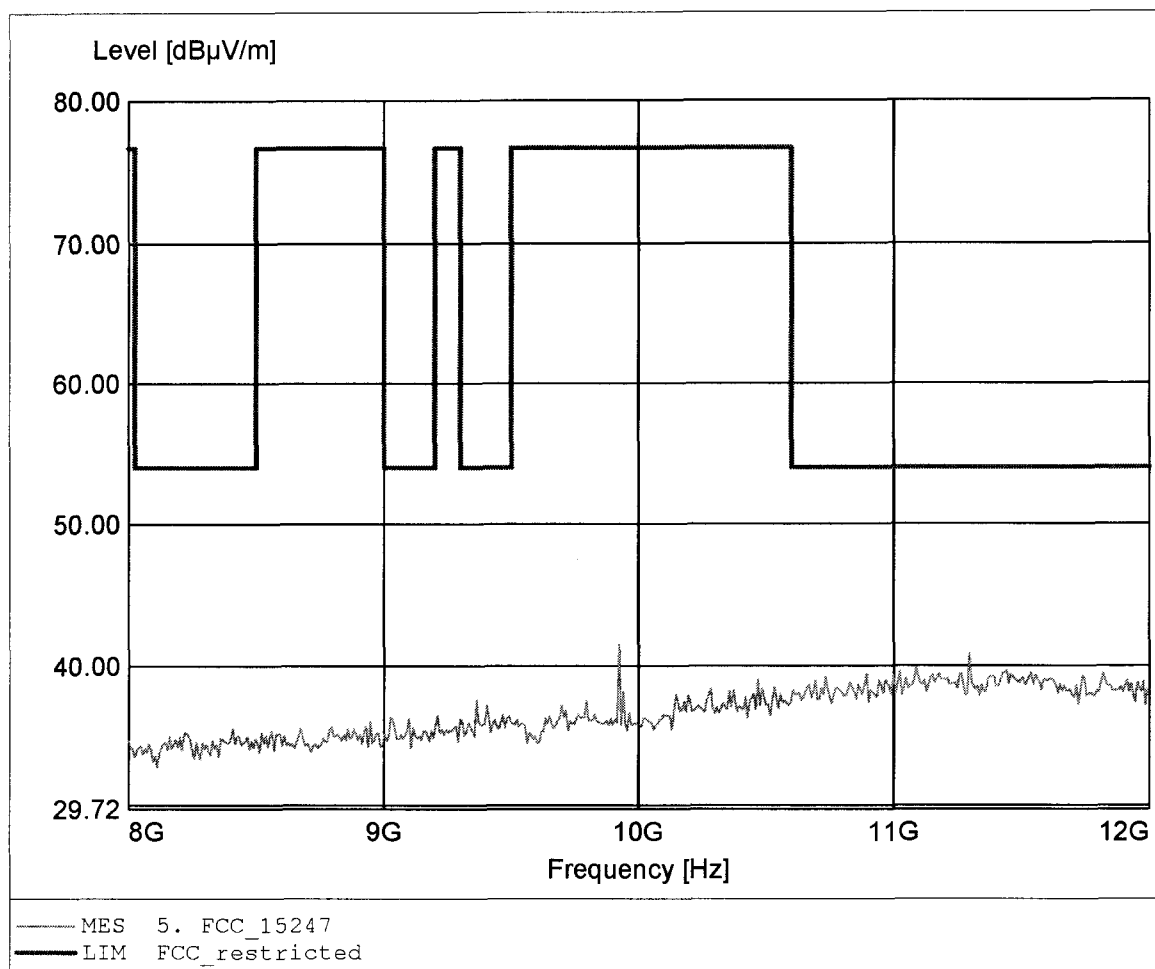
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.924GHz, Emax: 43.90dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM 850 / DCS 1800 / PCS 1900 (with WAP&GPRS)
Model: PG-C3B / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom.: 4 V DC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.924GHz, Emax: 41.56dBμV/m, RBW: 1MHz

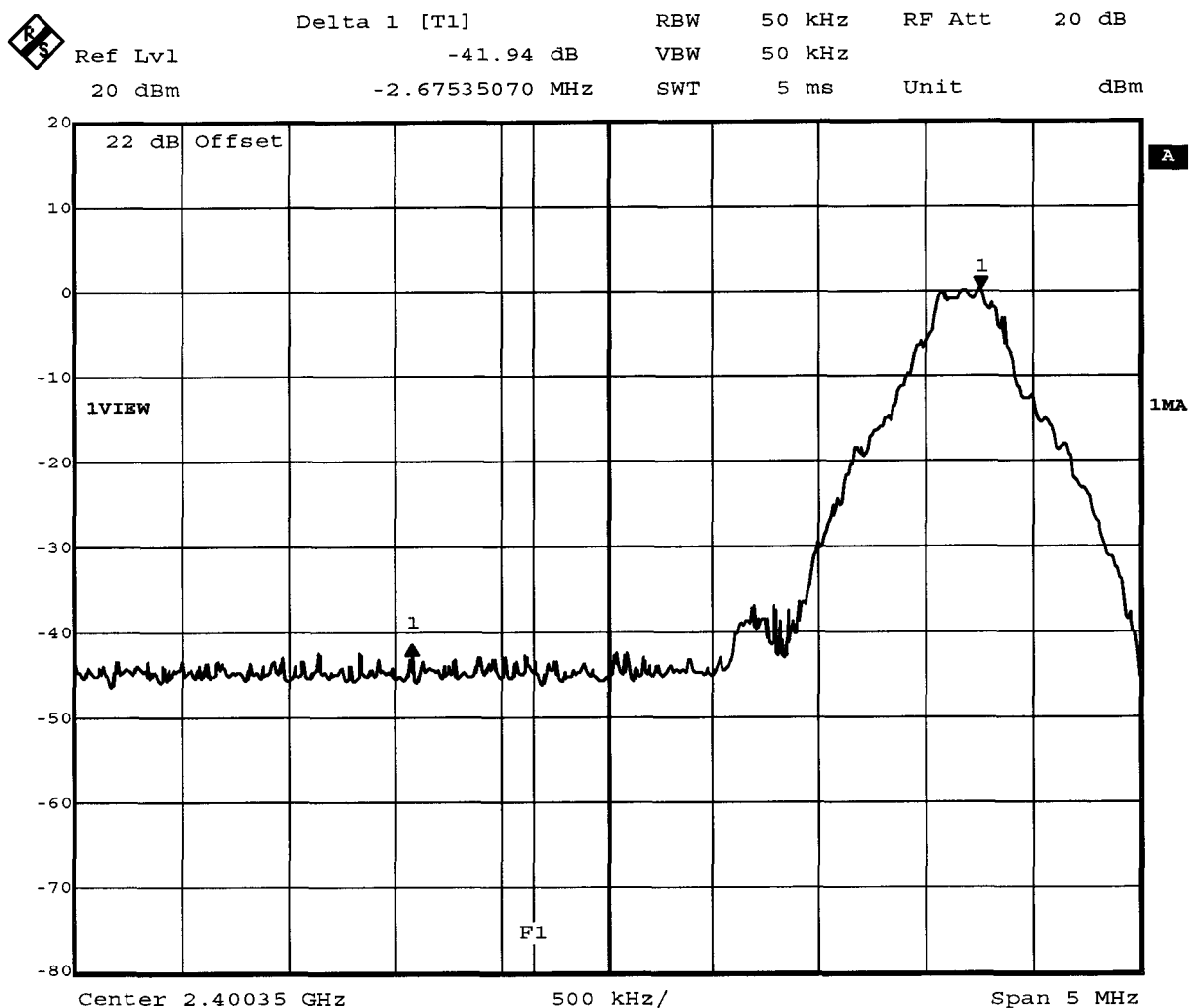


Appendix J

Band-edge compliance

FCC part 15.247**Band-edge compliance of RF conducted emissions**

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Single frequency mode



Comment A: Limit: Marker Delta value >20 dB; Result: PASS

Date: 18.NOV.2006 14:17:36

Measurement diagram

ETS Product Service AG

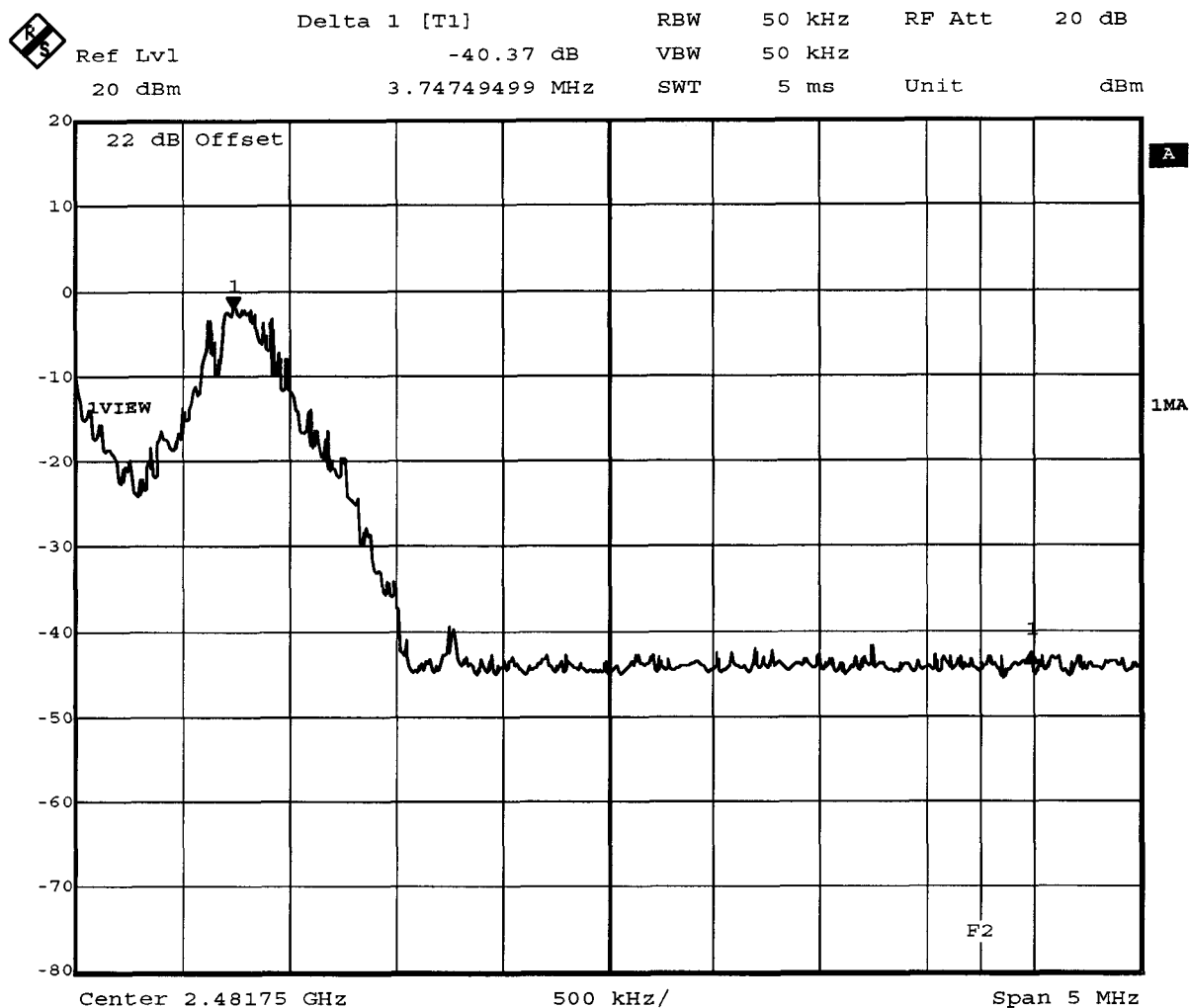
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

Page 1 of 1

FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel: 78 / 2480 MHz
Comment 3	Hopping mode



Comment A: Limit: Marker Delta value >20 dB; Result: PASS

Date: 18.NOV.2006 14:15:05

Measurement diagram

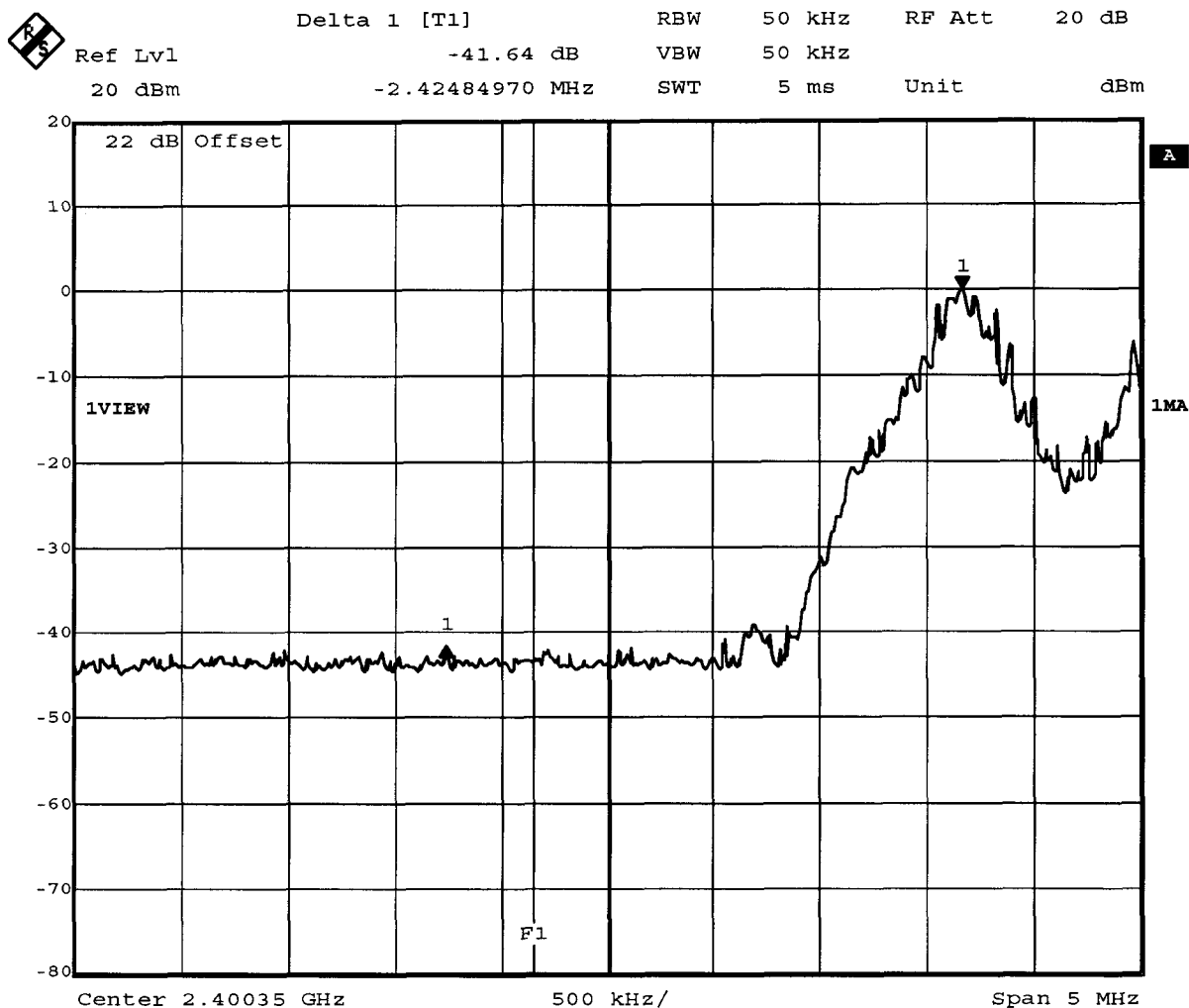
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel: 0 / 2402 MHz
Comment 3	Hopping mode



Comment A: Limit: Marker Delta value >20 dB; Result: PASS

Date: 18.NOV.2006 14:12:20

Measurement diagram

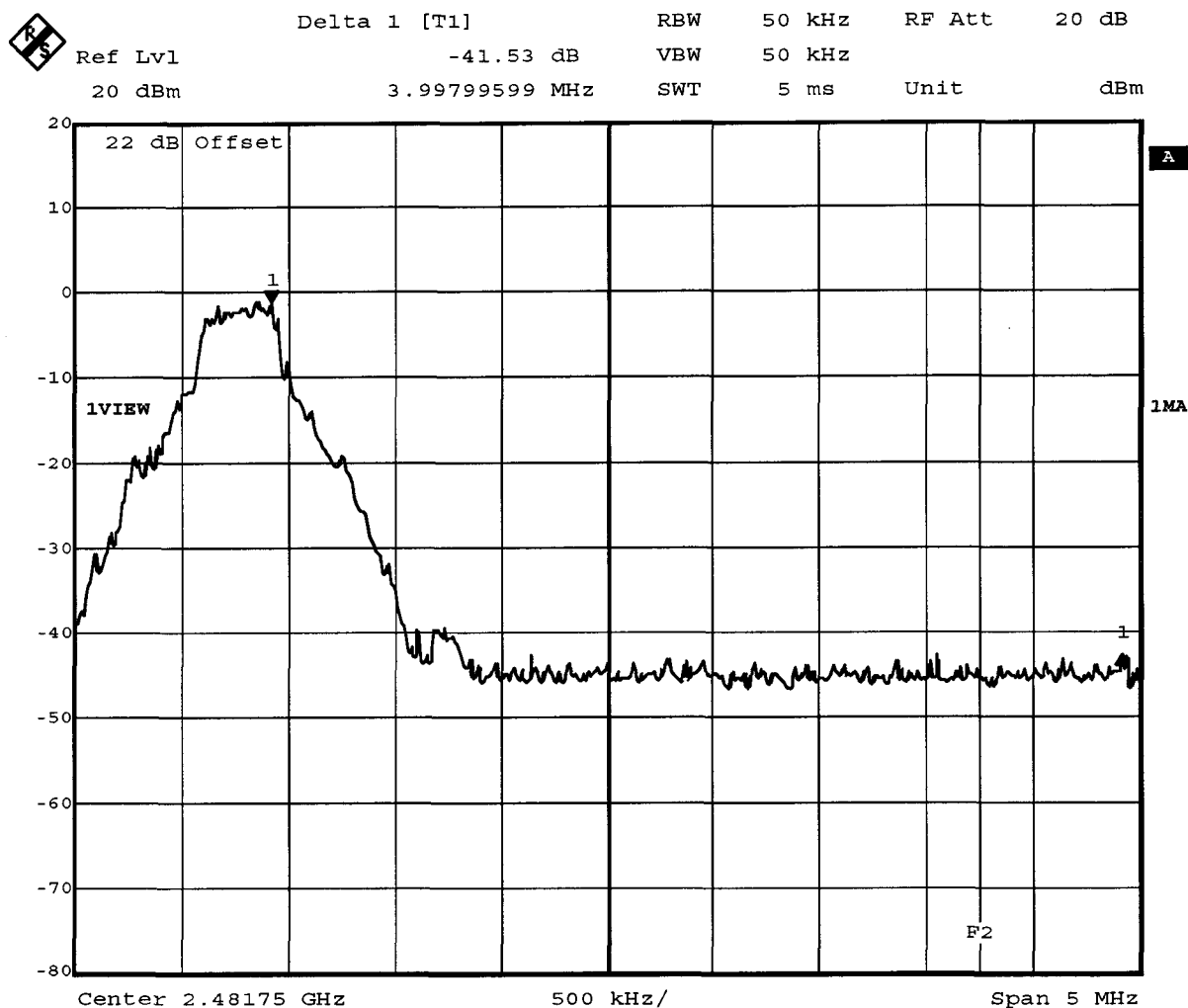
ETS Product Service AG
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

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FCC part 15.247

Band-edge compliance of RF conducted emissions

EUT	Triple Band GSM GSM850 / DCS1800 / PCS 1900 (with WAP & GPRS)
Model	PG-C3B
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel: 78 / 2480 MHz
Comment 3	Single frequency mode



Comment A: Limit: Marker Delta value >20 dB; Result: PASS

Date: 18.NOV.2006 14:01:33

Measurement diagram

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

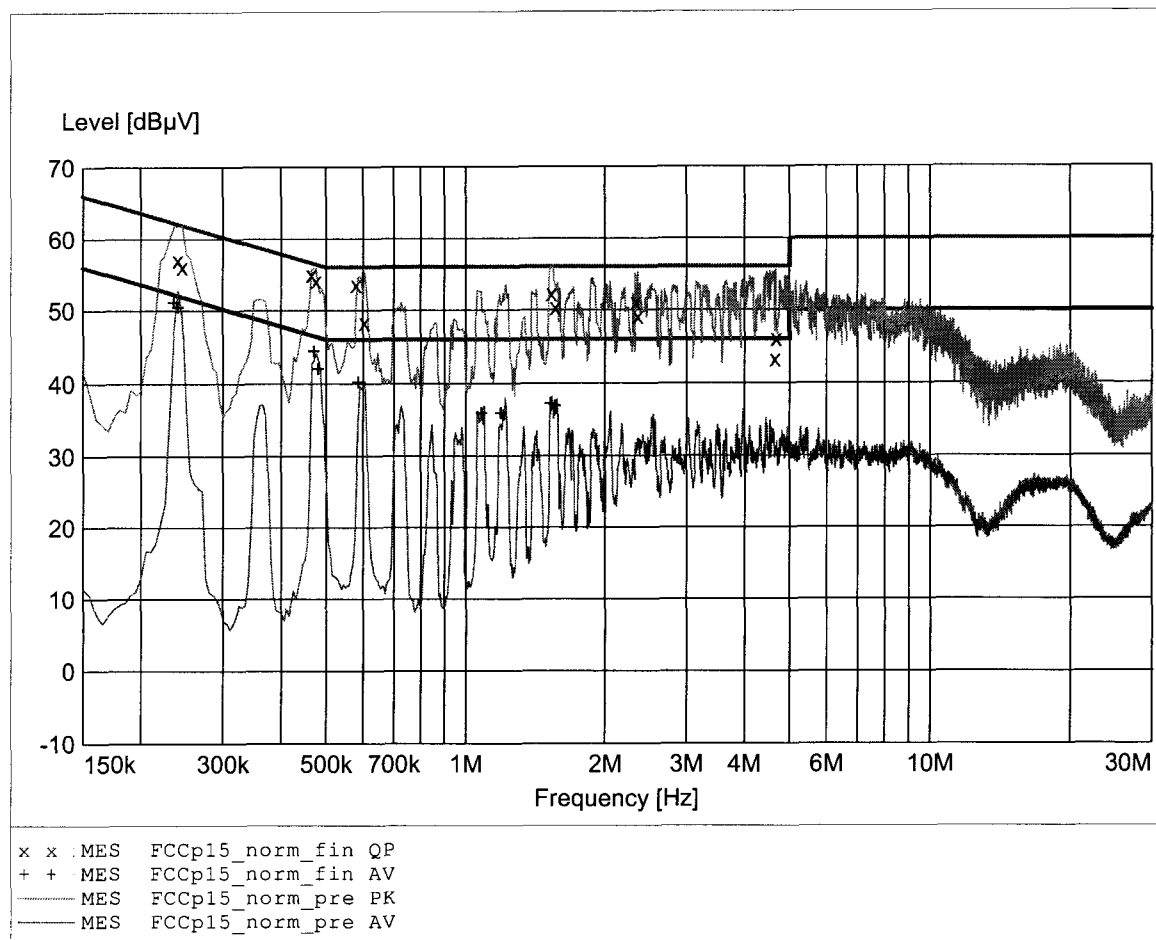
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Appendix K

AC power line conducted emissions

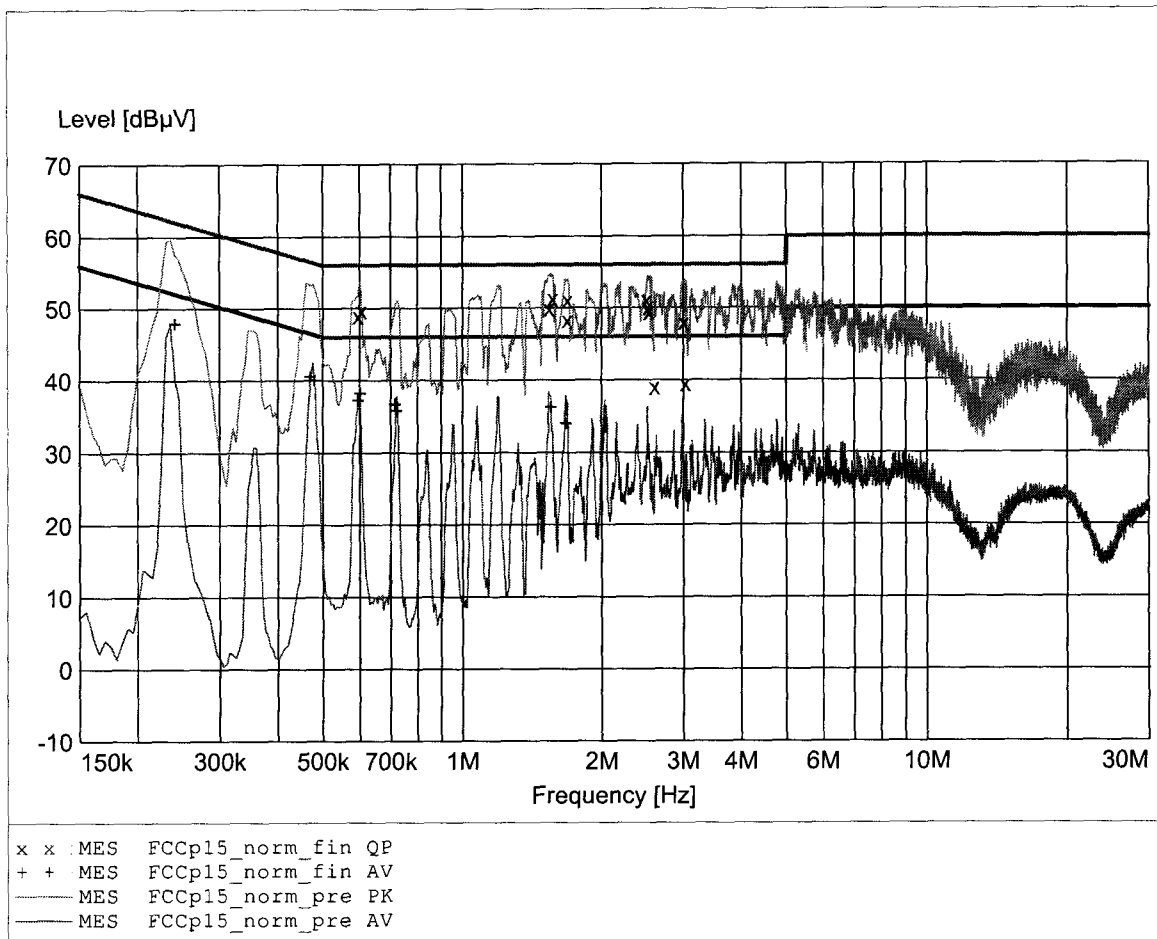
EMI voltage test in the ac-mains according to FCC part 15

EUT: TRIPLE BAND GSM850/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: PG-C3B mode: CHARGING AND GSM850
ADAPTOR: PTA-5070C2US



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

EUT: TRIPLE BAND GSM850/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: PG-C3B mode: CHARGING AND GSM850
ADAPTOR: PTA-5070C2US



Appendix L

Receiver radiated emissions