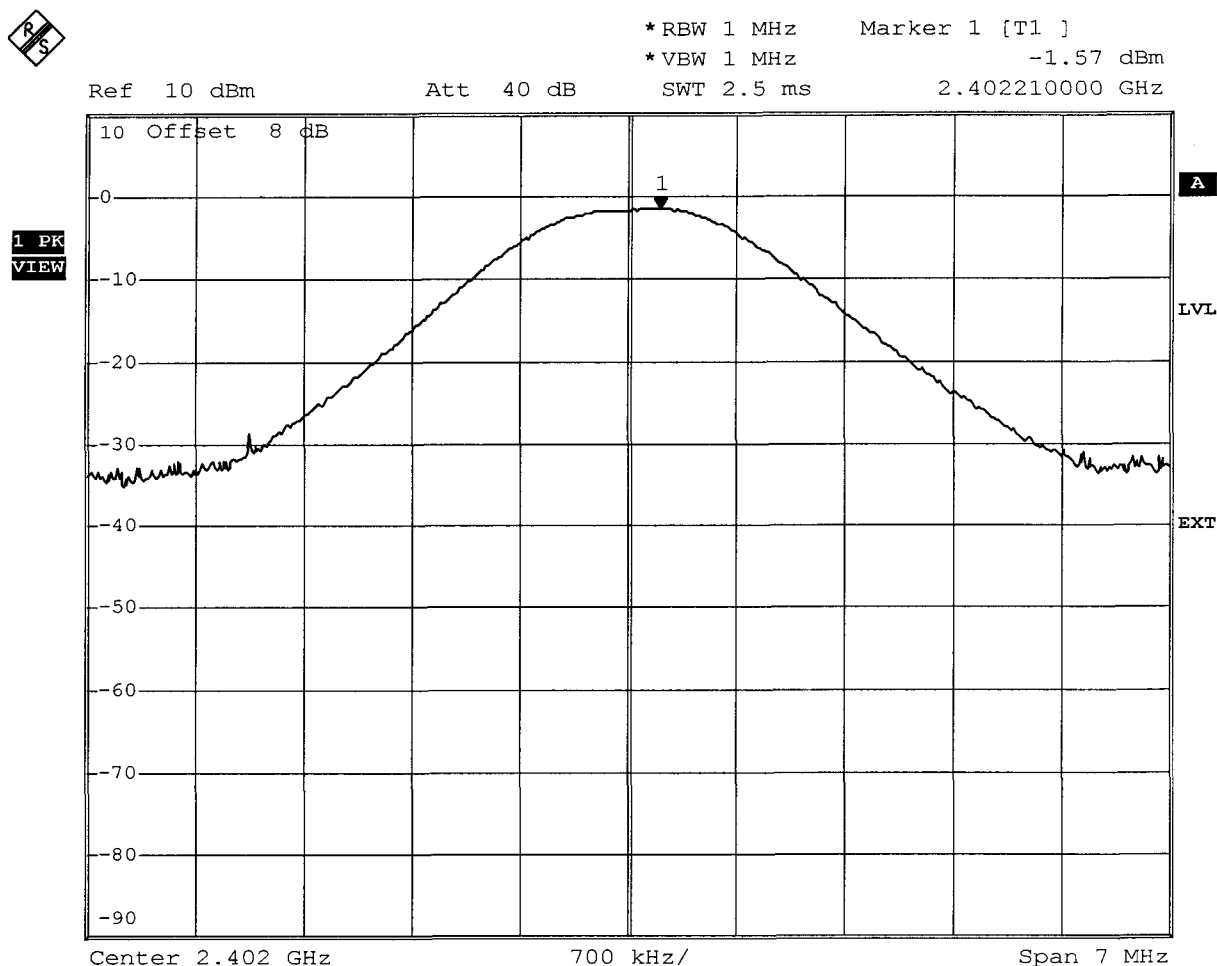


## Appendix B

RF power output conducted

**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	euofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	

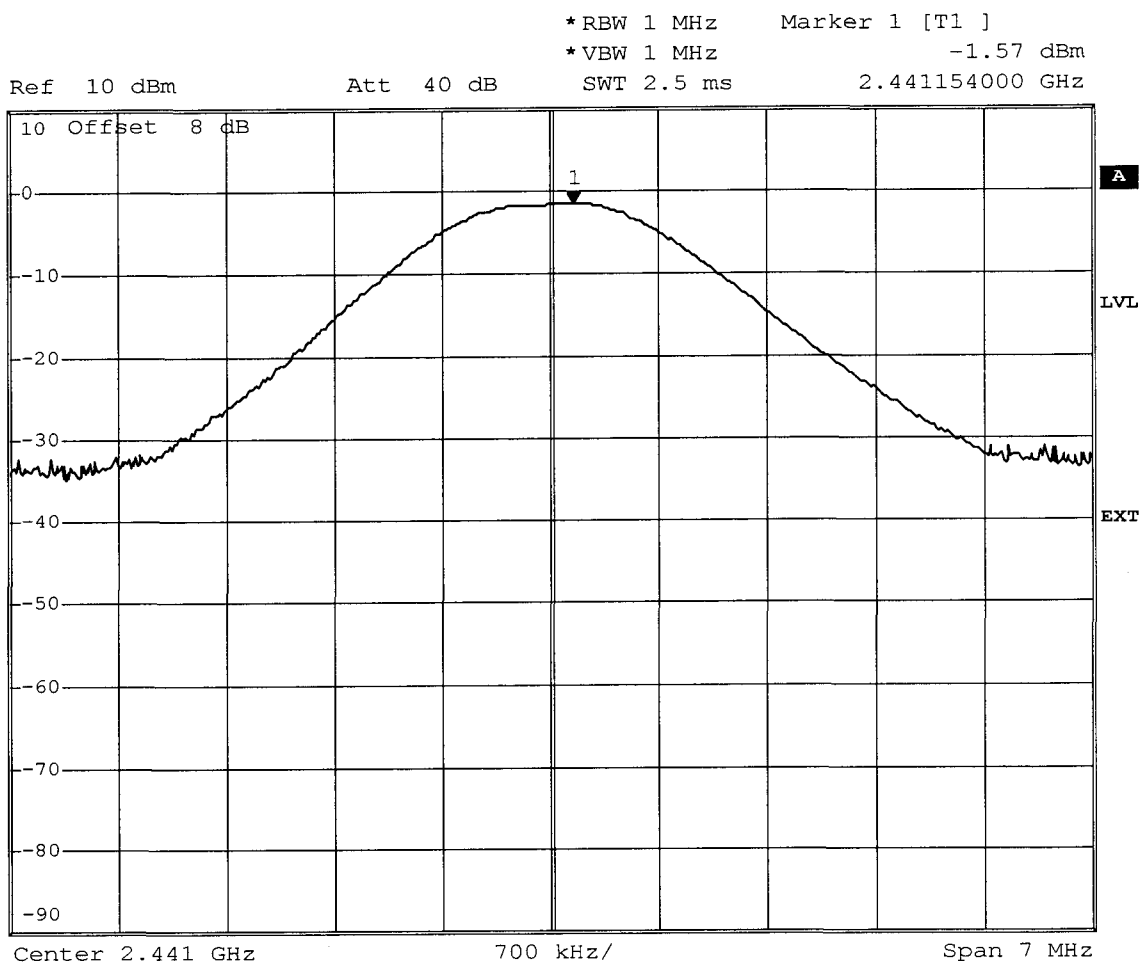


Date: 10.JAN.2008 09:57:48

Measurement diagram

**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	

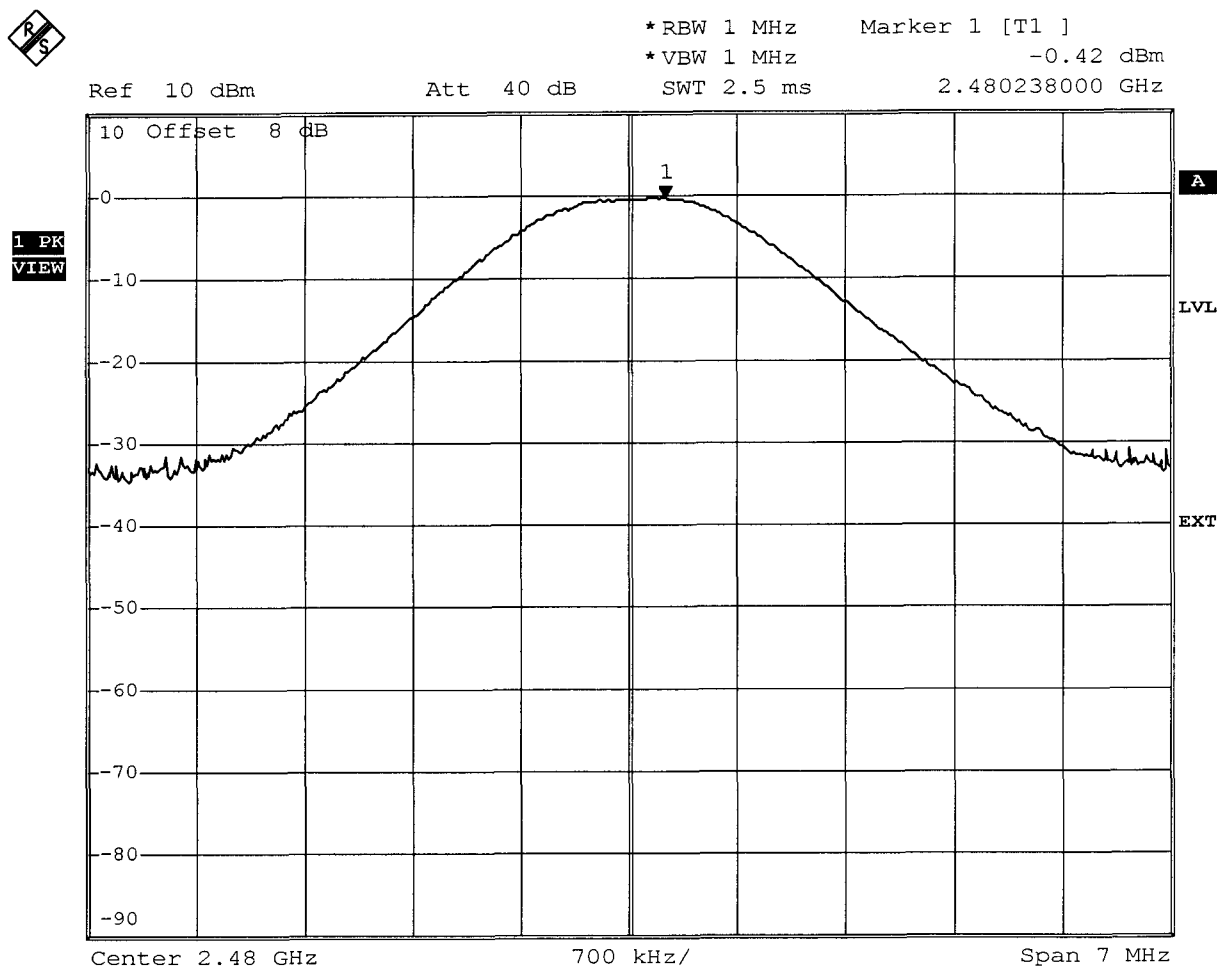


Date: 10.JAN.2008 10:27:52

Measurement diagram

**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	euofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	

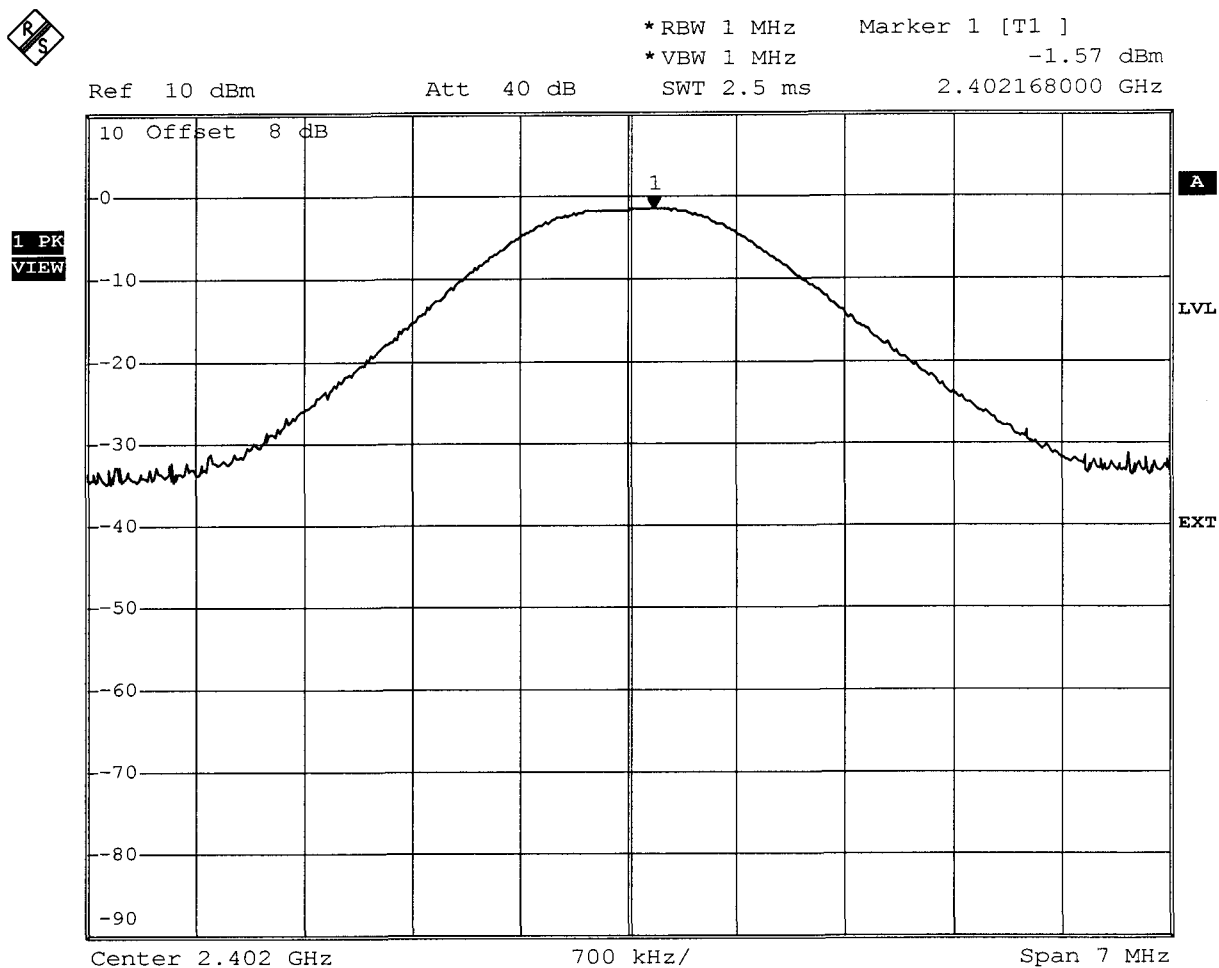


Date: 10.JAN.2008 10:29:26

Measurement diagram

**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Umin
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	

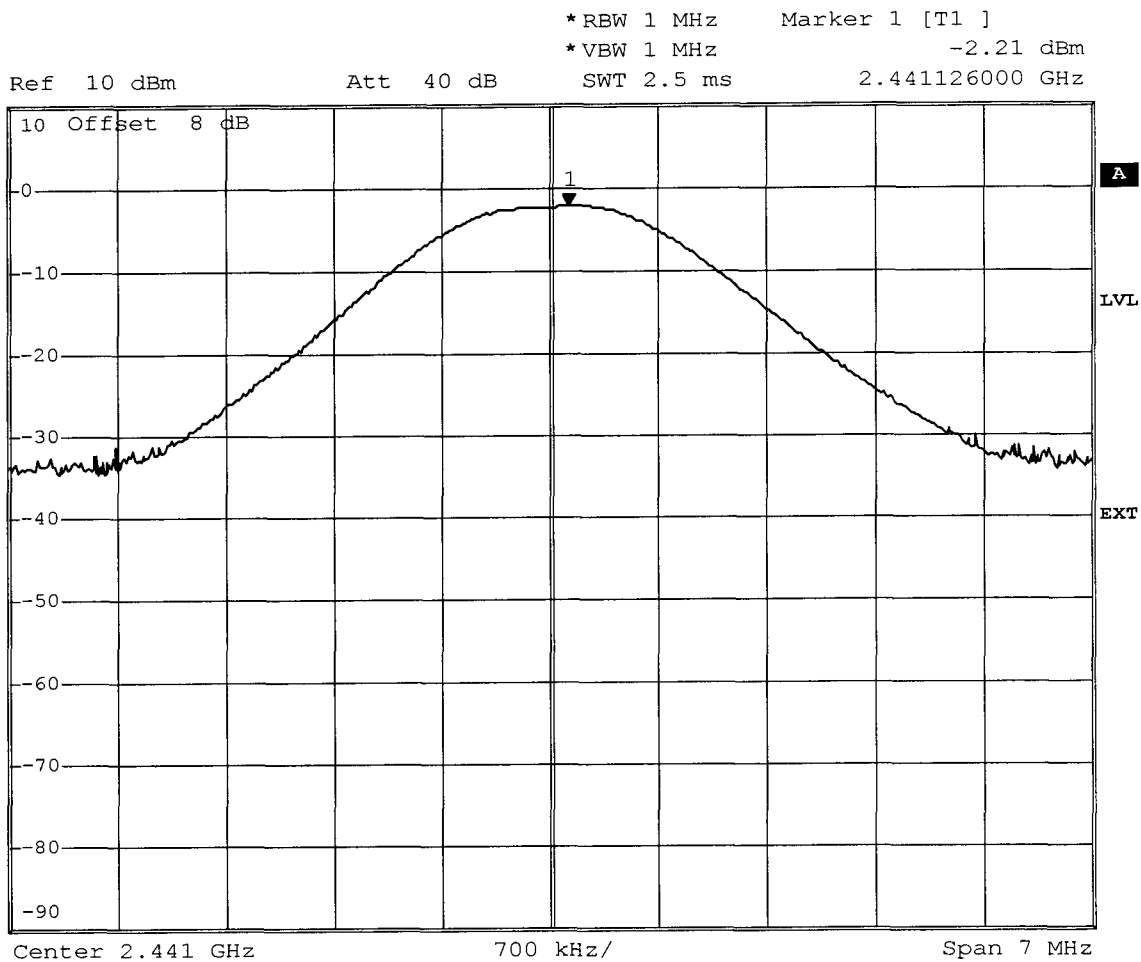


Date: 10.JAN.2008 10:03:52

Measurement diagram

**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Umin
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	

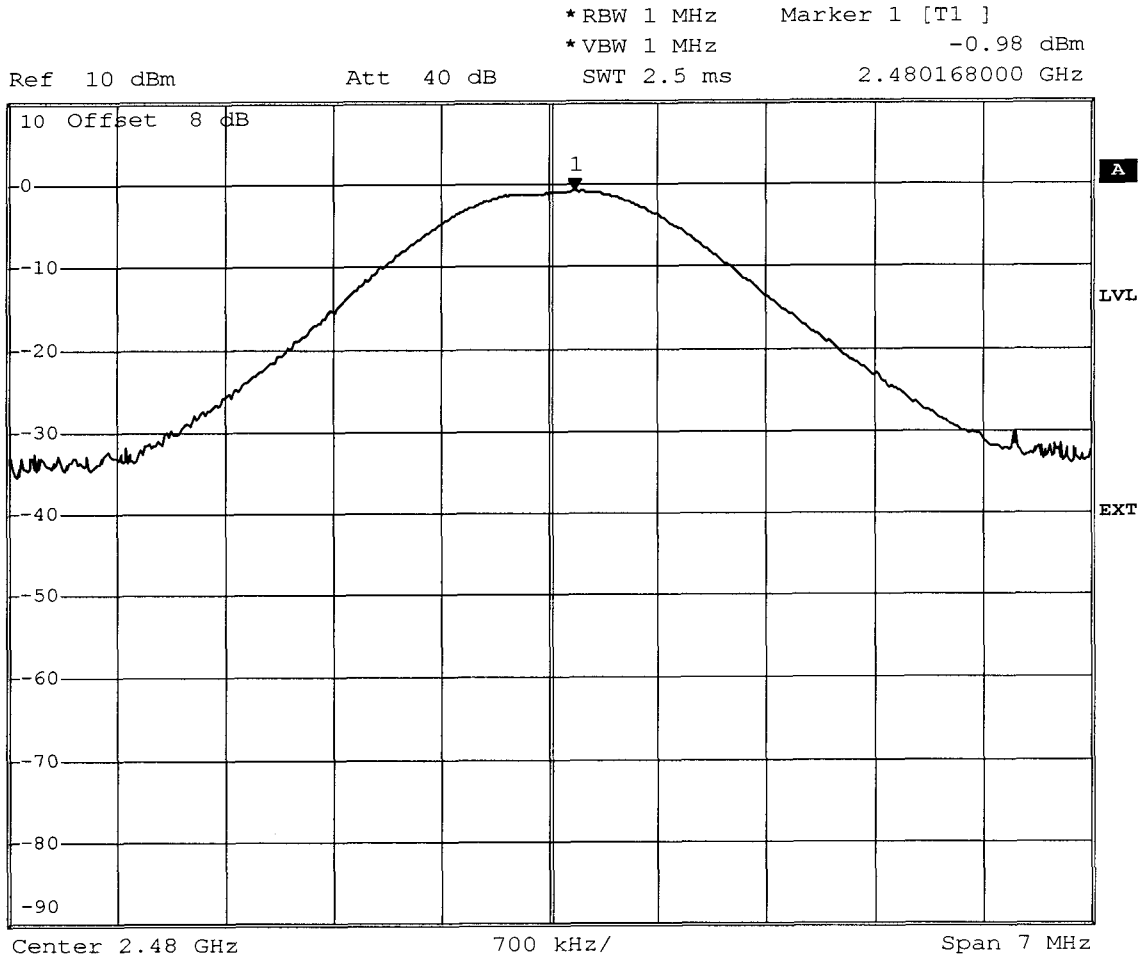


Date: 10.JAN.2008 10:26:17

Measurement diagram

FCC part 15.247  
Peak output power conducted

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Umin
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	

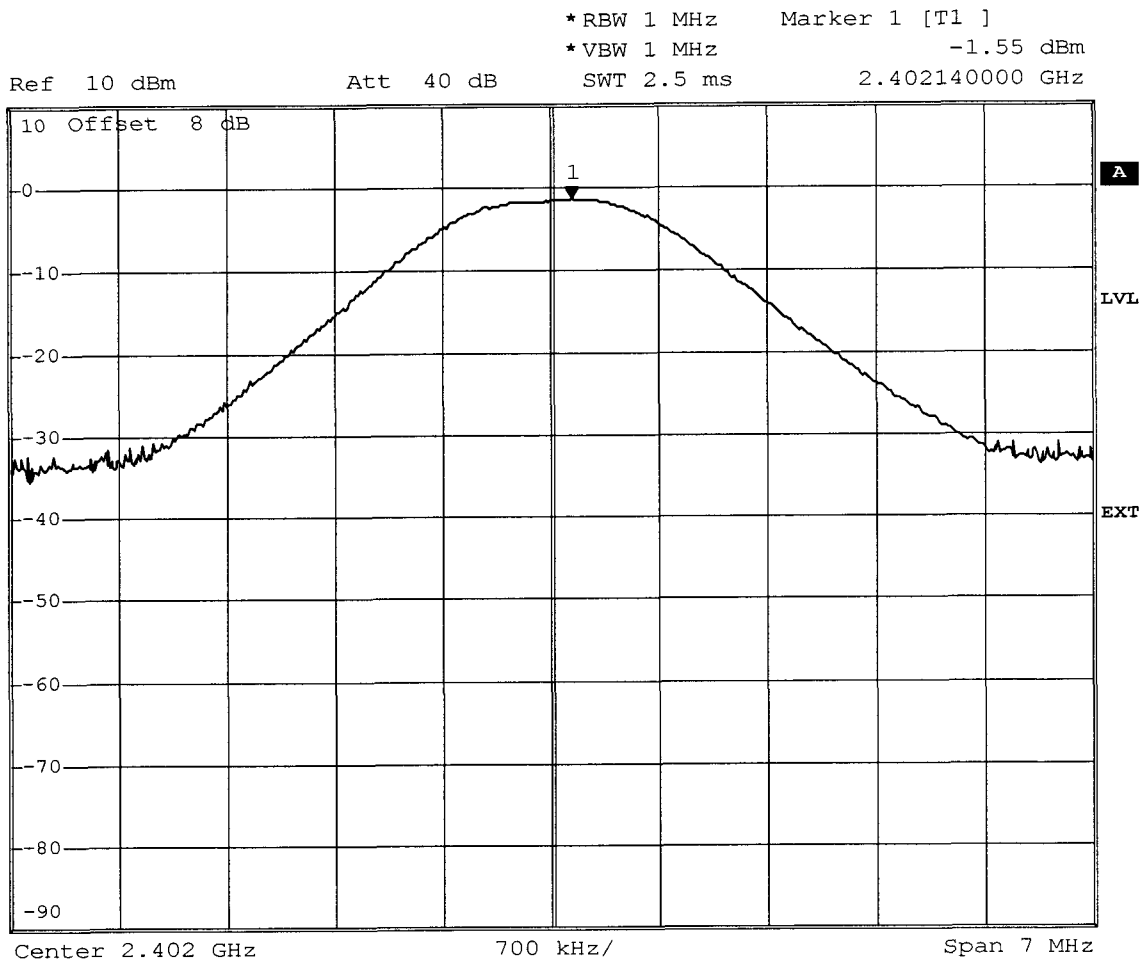


Date: 10.JAN.2008 10:30:30

Measurement diagram

**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Umax
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



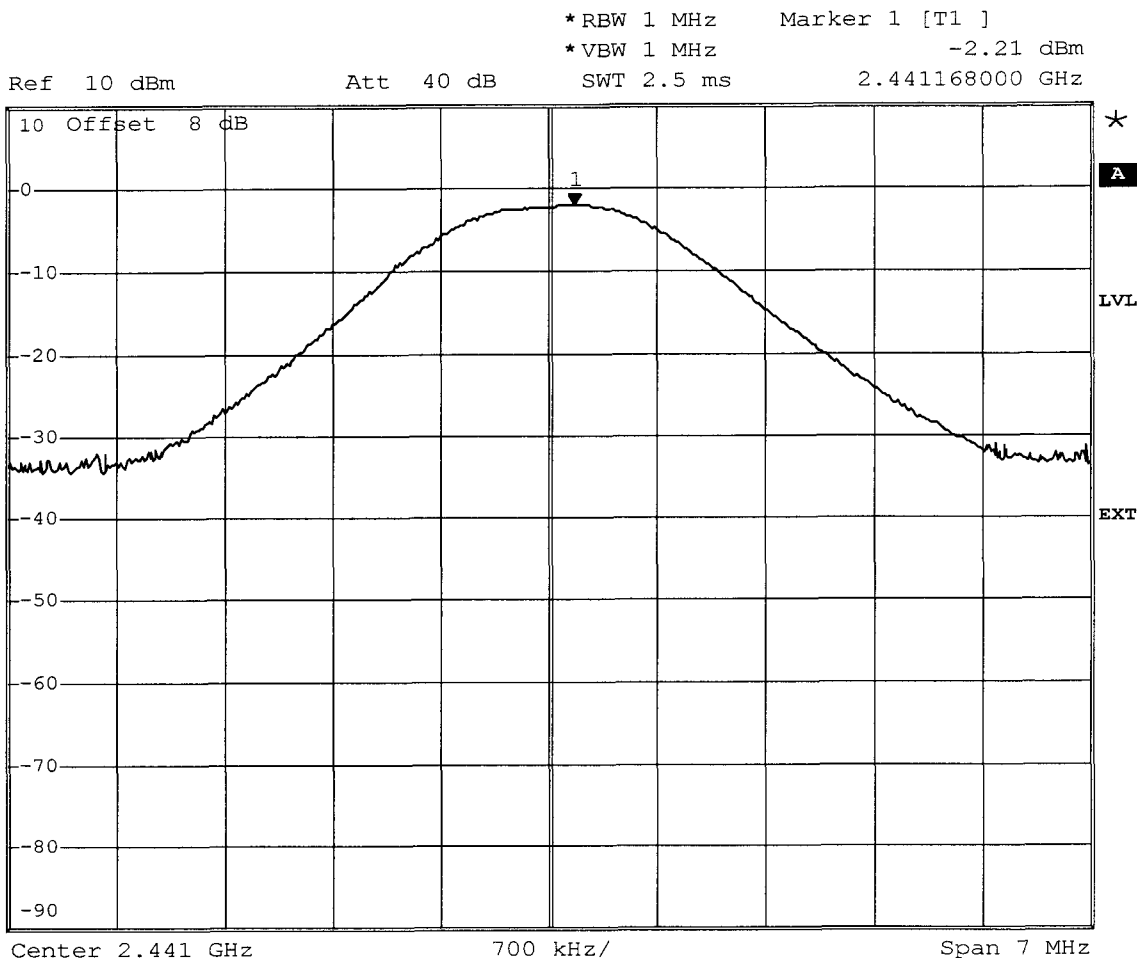
Date: 10.JAN.2008 10:05:15

Measurement diagram



**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Umax
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	

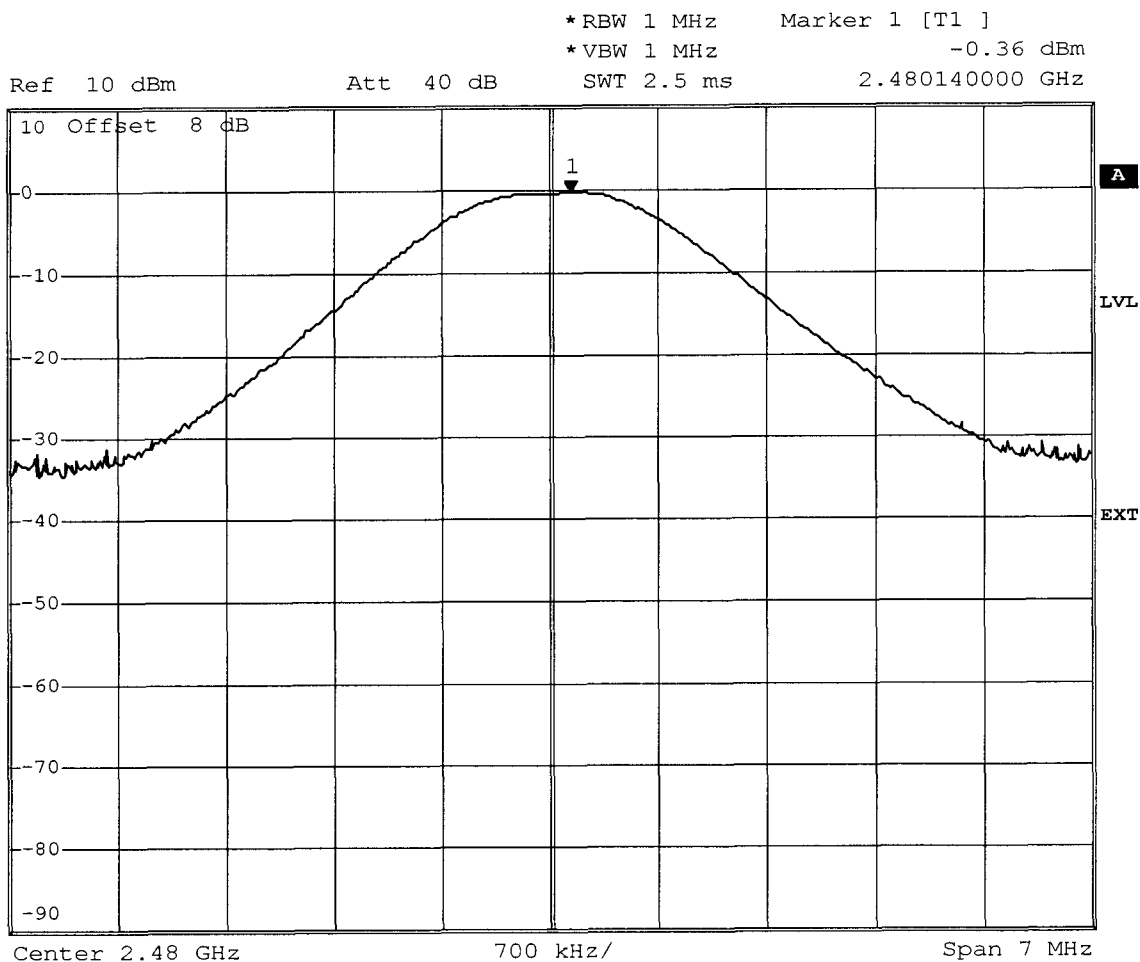


Date: 10.JAN.2008 10:24:53

Measurement diagram

**FCC part 15.247**  
**Peak output power conducted**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Umax
Test Site / Operator	euofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Date: 10.JAN.2008 10:31:30

Measurement diagram

## Appendix C

RF power output radiated (EIRP)

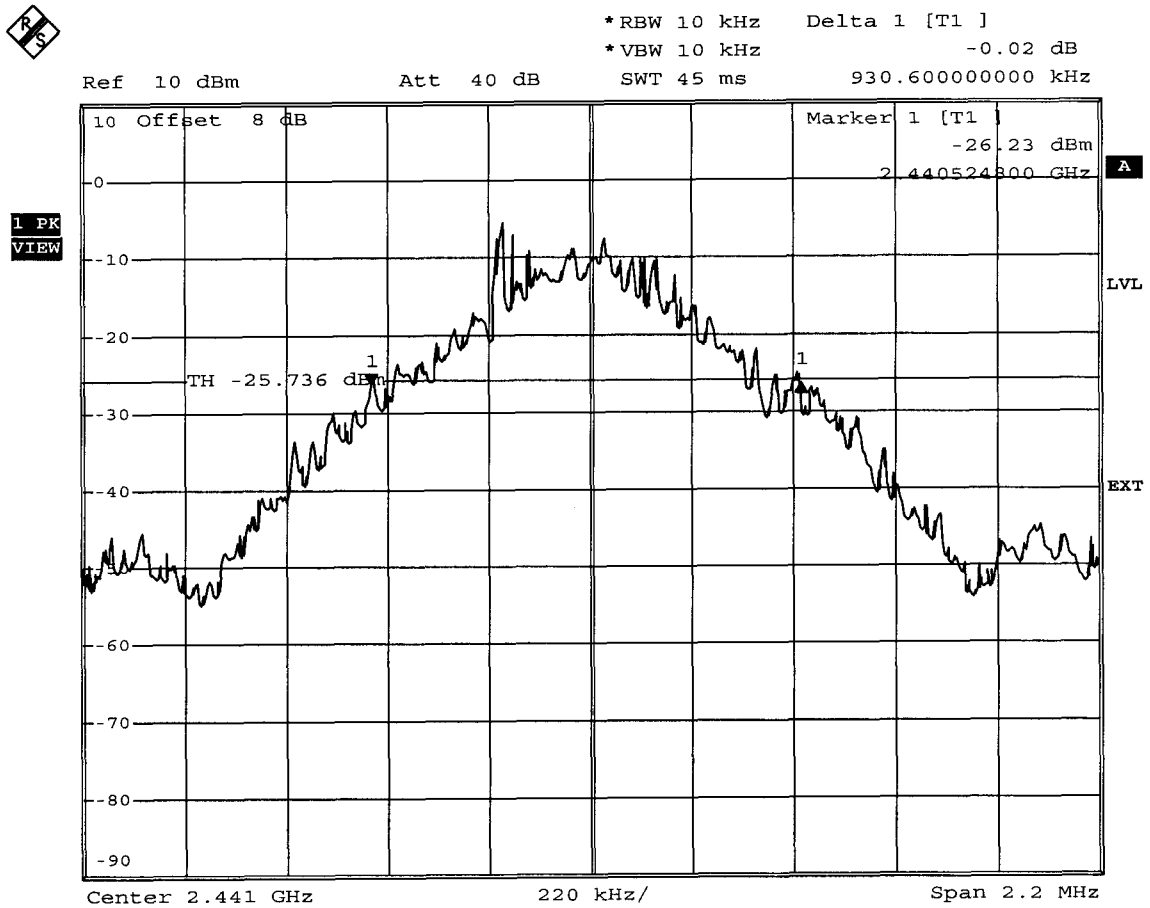
## Appendix D

20 dB bandwidth



FCC part 15.247  
20 dB bandwidth

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



Comment: 20 dB bandwidth: 930.6 KHz  
Date: 10.JAN.2008 10:37:05

Measurement diagram

ETS Product Service AG

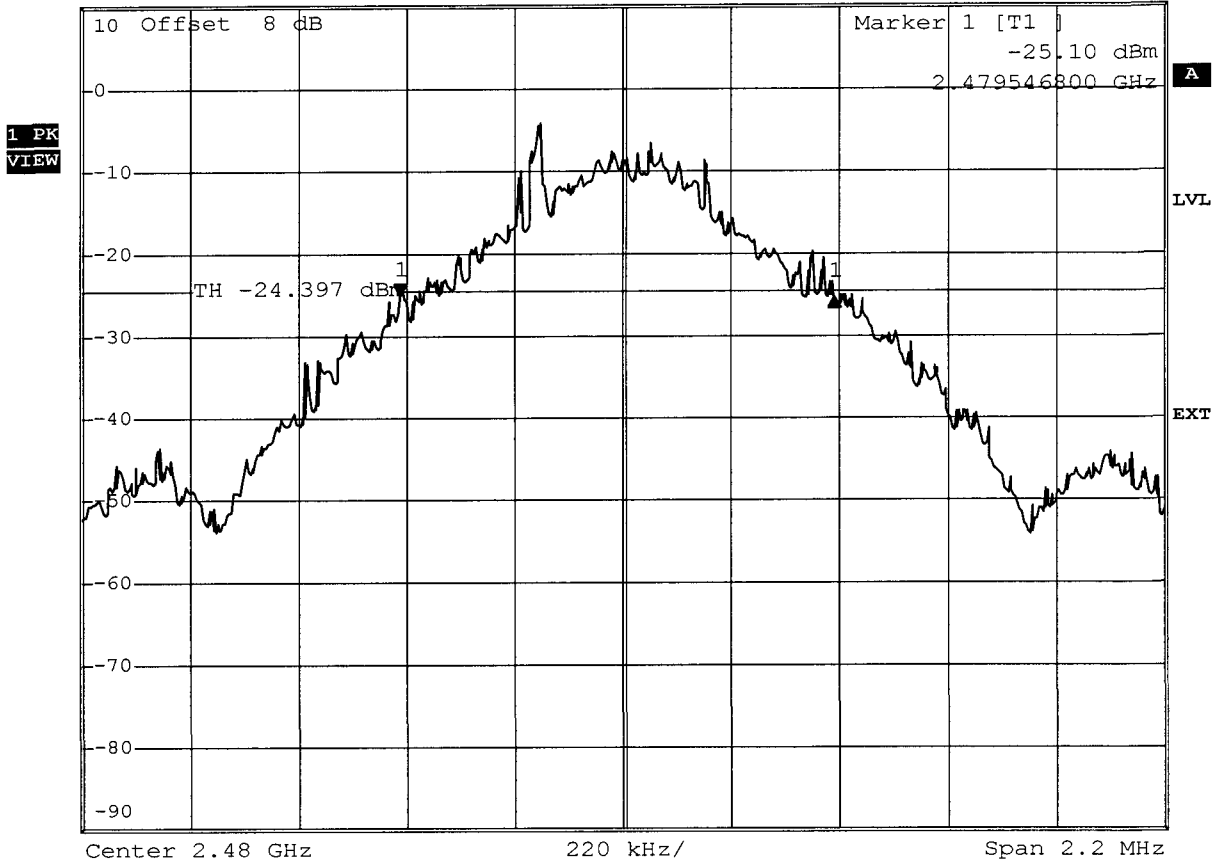
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

FCC part 15.247  
20 dB bandwidth

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



\*RBW 10 kHz Delta 1 [T1 ]  
 \*VBW 10 kHz -0.20 dB  
 Ref 10 dBm Att 40 dB SWT 45 ms 882.20000000 kHz



Comment: 20 dB bandwidth: 882.2 KHz  
 Date: 10.JAN.2008 10:34:44

Measurement diagram

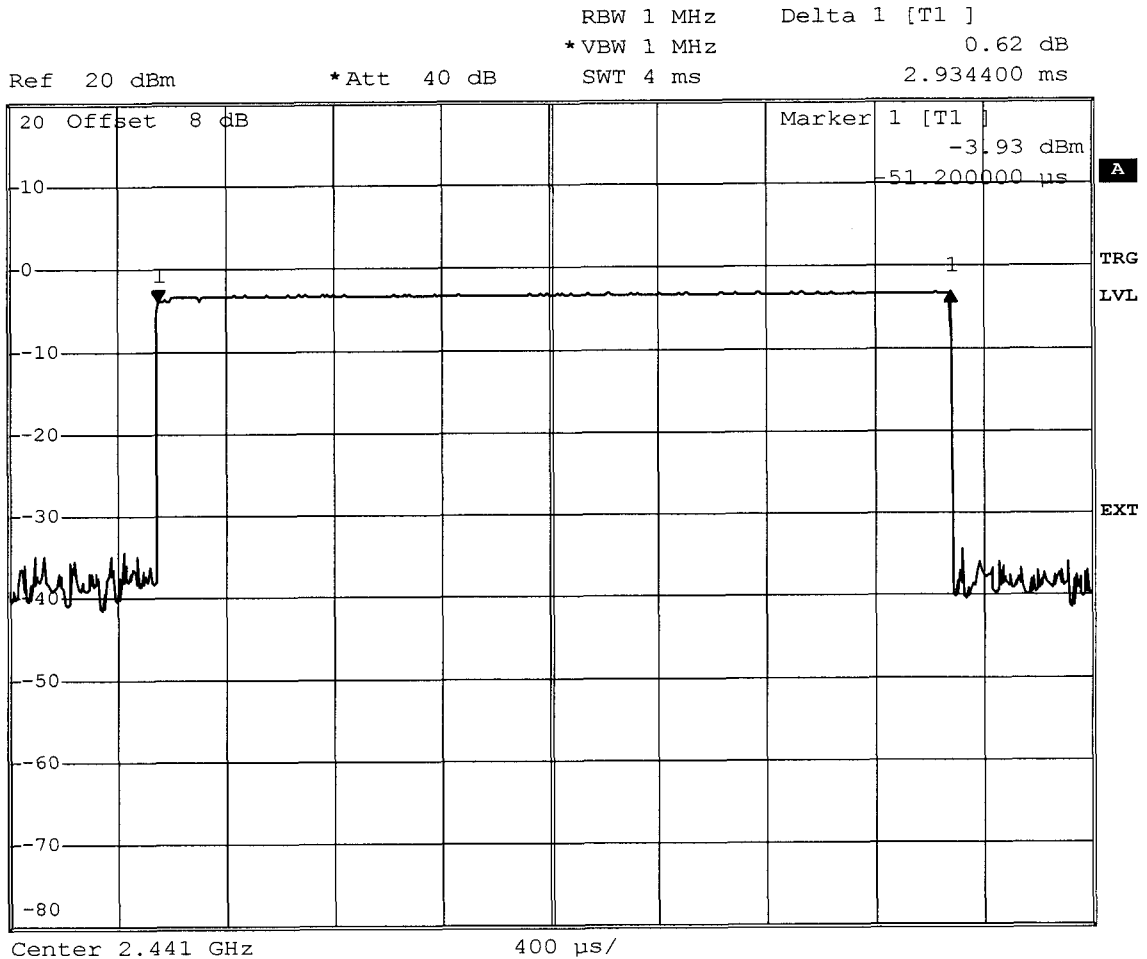
## Appendix E

Time of occupancy (dwell time)



FCC part 15.247  
Time of occupancy (dwell time)

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
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 * 2.934 ms result: 184.842 ms



Comment: Burst length=2.9344 ms  
 Date: 10.JAN.2008 13:33:01

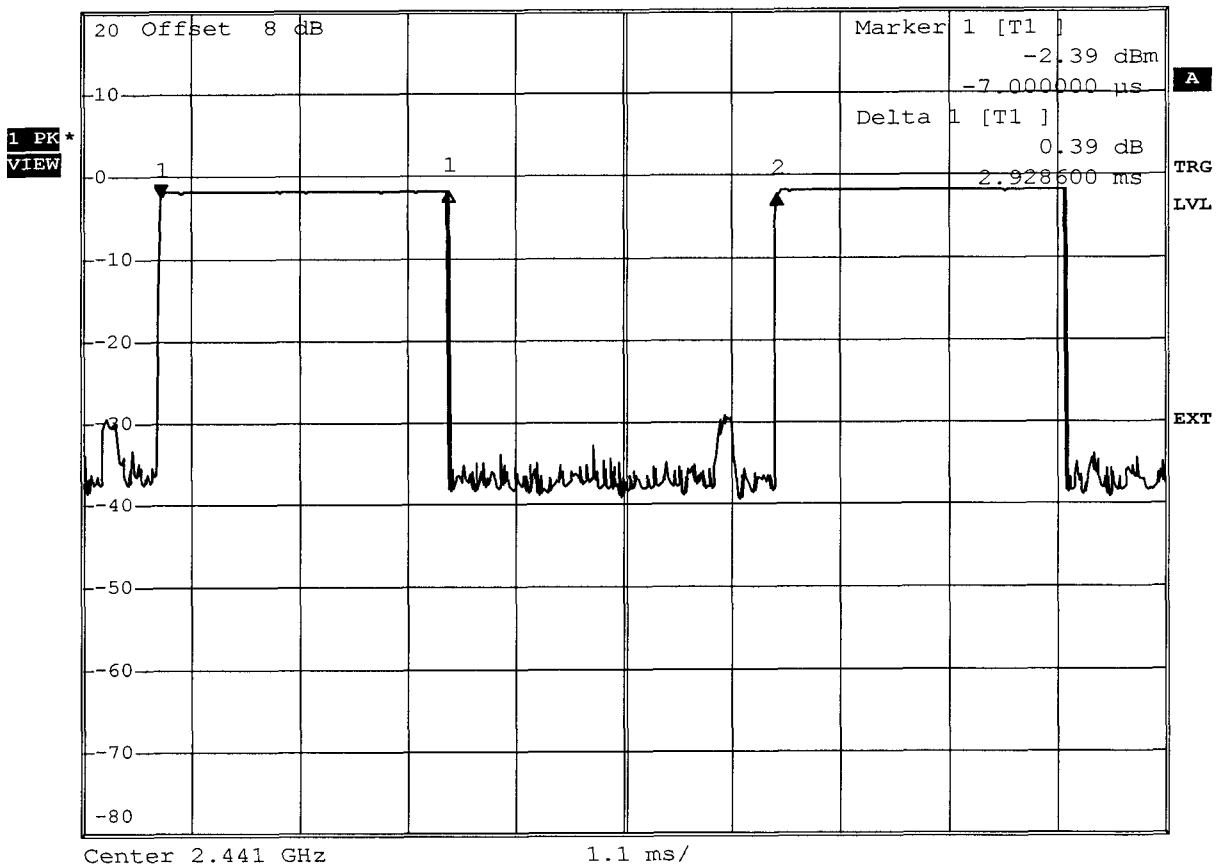
Measurement diagram

FCC part 15.247  
Duty cycle

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Duty cycle
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



RBW 1 MHz      Delta 2 [T1 ]  
 \*VBW 1 MHz      -0.06 dB  
 Ref 20 dBm      \*Att 40 dB      SWT 11 ms      6.275000 ms



Comment: Duty cycle=0.47  
 Date: 10.JAN.2008 11:32:00

Measurement diagram

## Appendix F

Number of hopping frequencies

FCC part 15.247

Number of hopping frequencies

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 0-13
Comment 3	

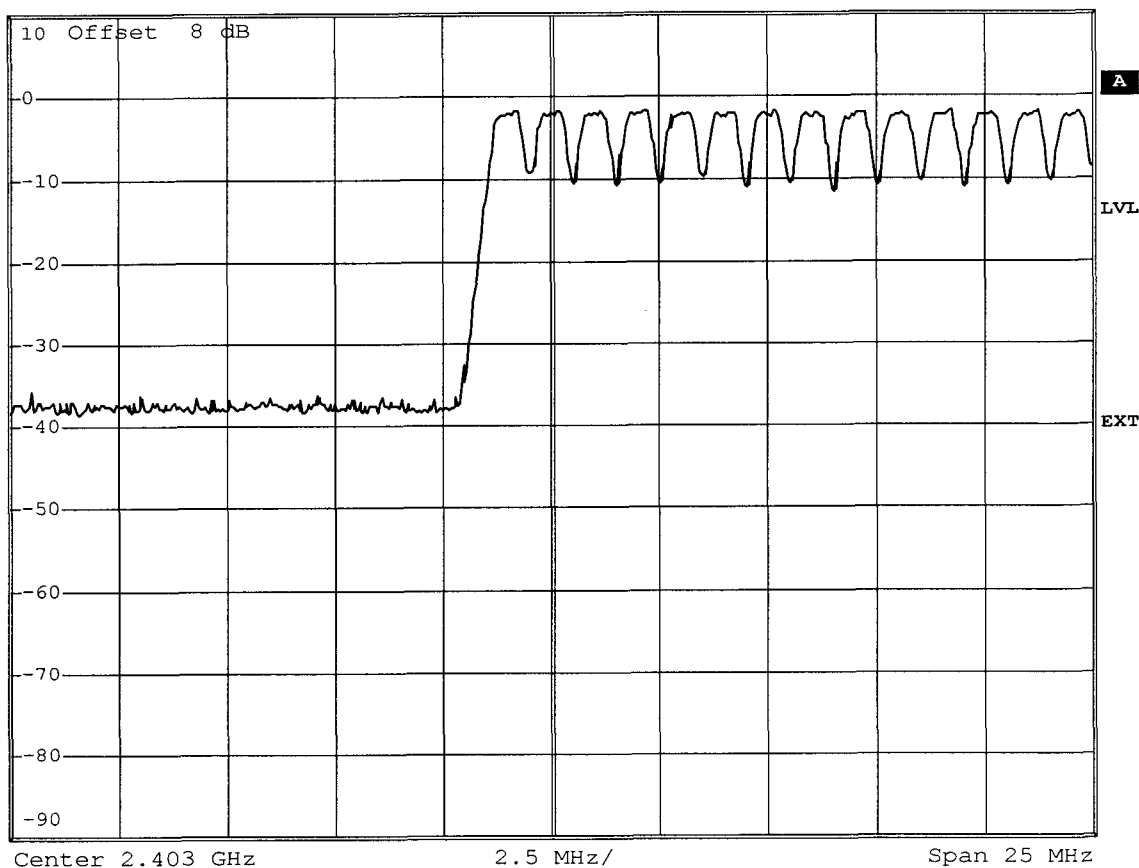


\*RBW 300 kHz  
 \*VBW 300 kHz  
 SWT 2.5 ms

Ref 10 dBm

Att 40 dB

1 PK  
 VIEW

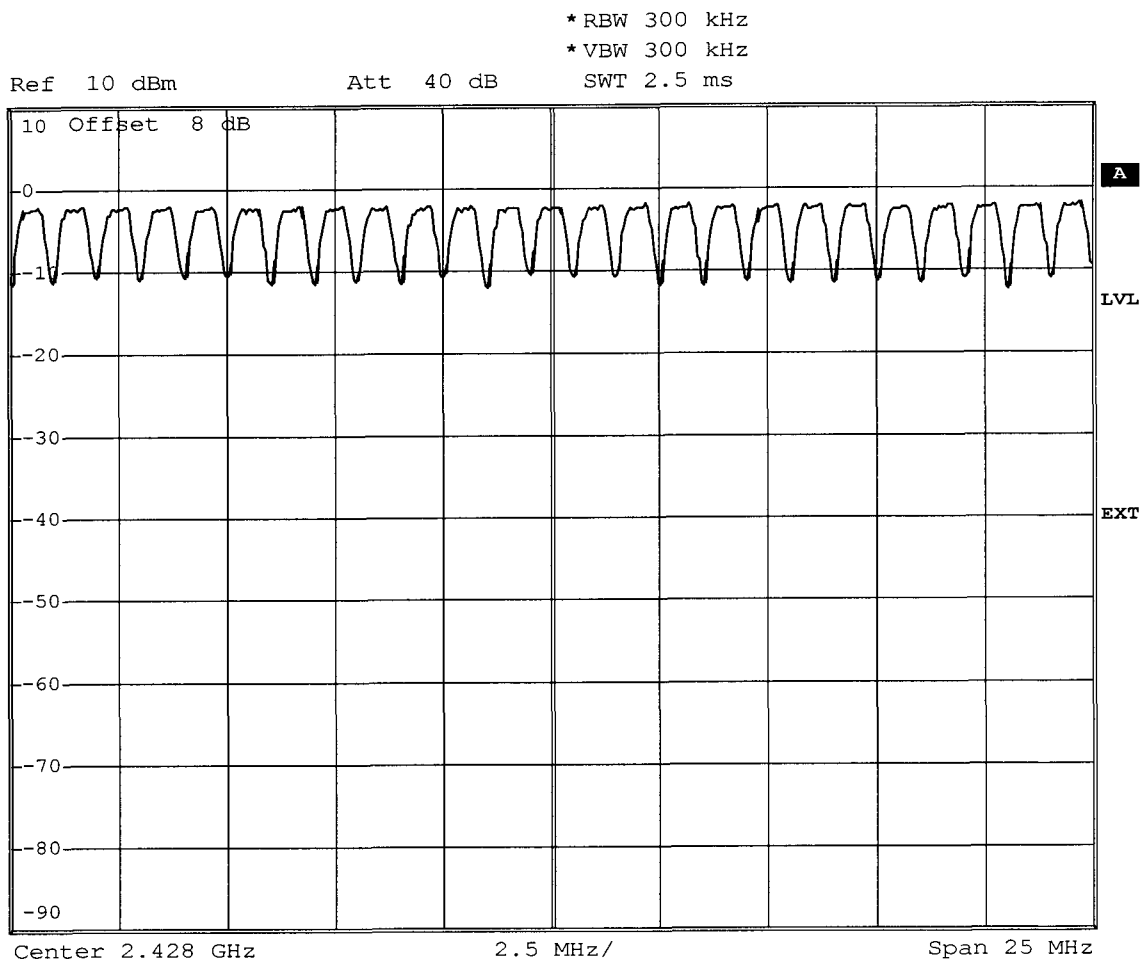


Comment: Number of hopping frequencies  
 Date: 10.JAN.2008 13:08:09

FCC part 15.247

Number of hopping frequencies

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 14-38
Comment 3	



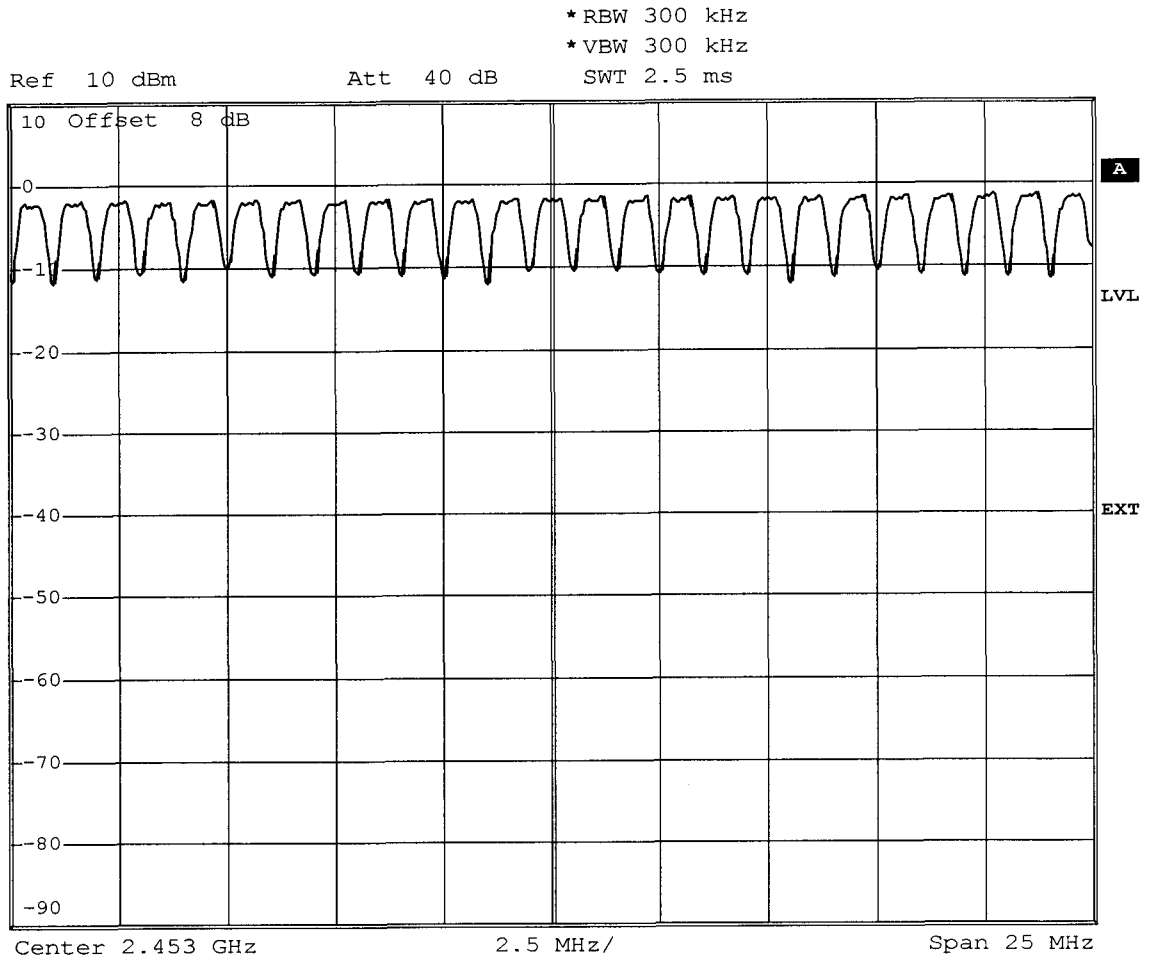
Comment: Number of hopping frequencies  
 Date: 10.JAN.2008 13:17:52

Measurement diagram

FCC part 15.247

Number of hopping frequencies

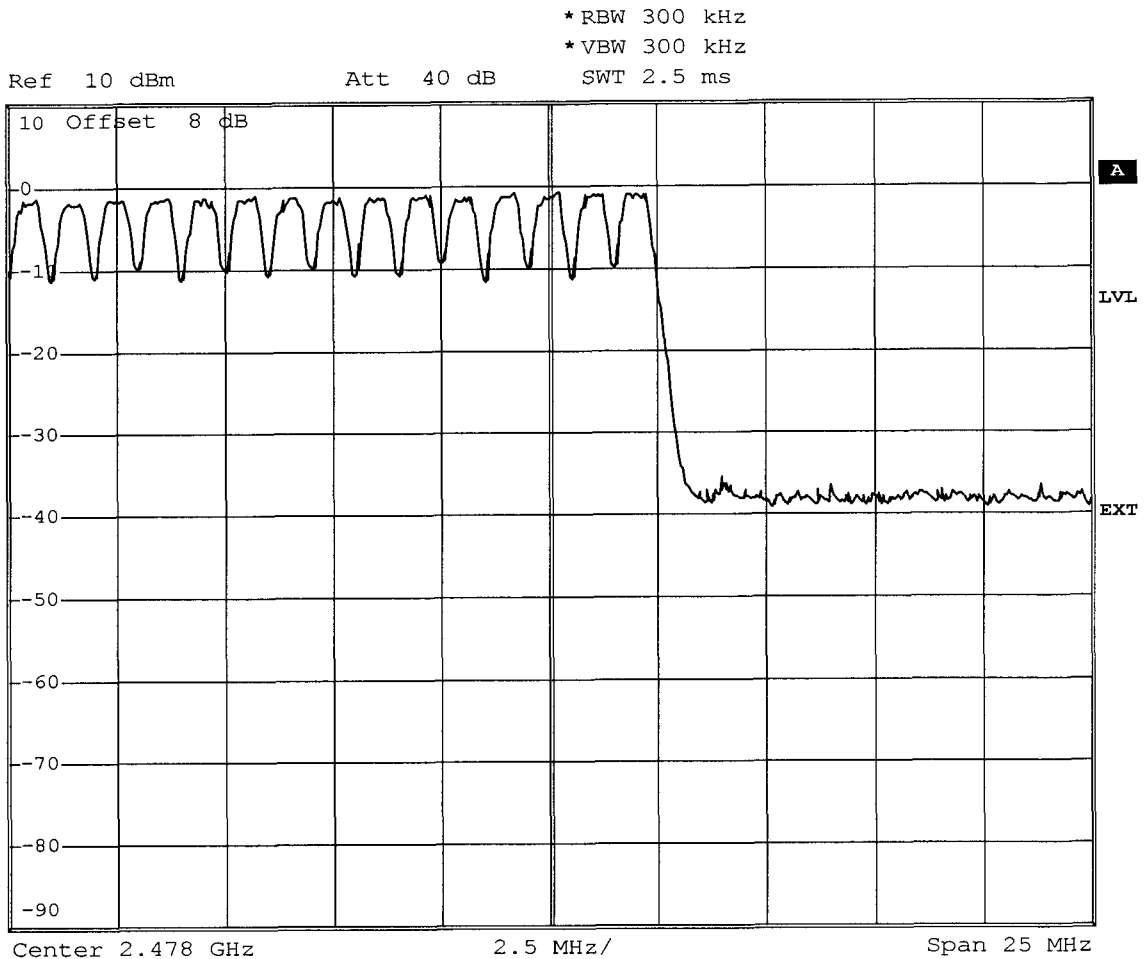
EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.:39-63
Comment 3	



Comment: Number of hopping frequencies  
Date: 10.JAN.2008 13:25:01

**FCC part 15.247**  
**Number of hopping frequencies**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 64-78
Comment 3	



Comment: Number of hopping frequencies  
 Date: 10.JAN.2008 13:28:03

Measurement diagram

## Appendix G

Carrier frequency separation

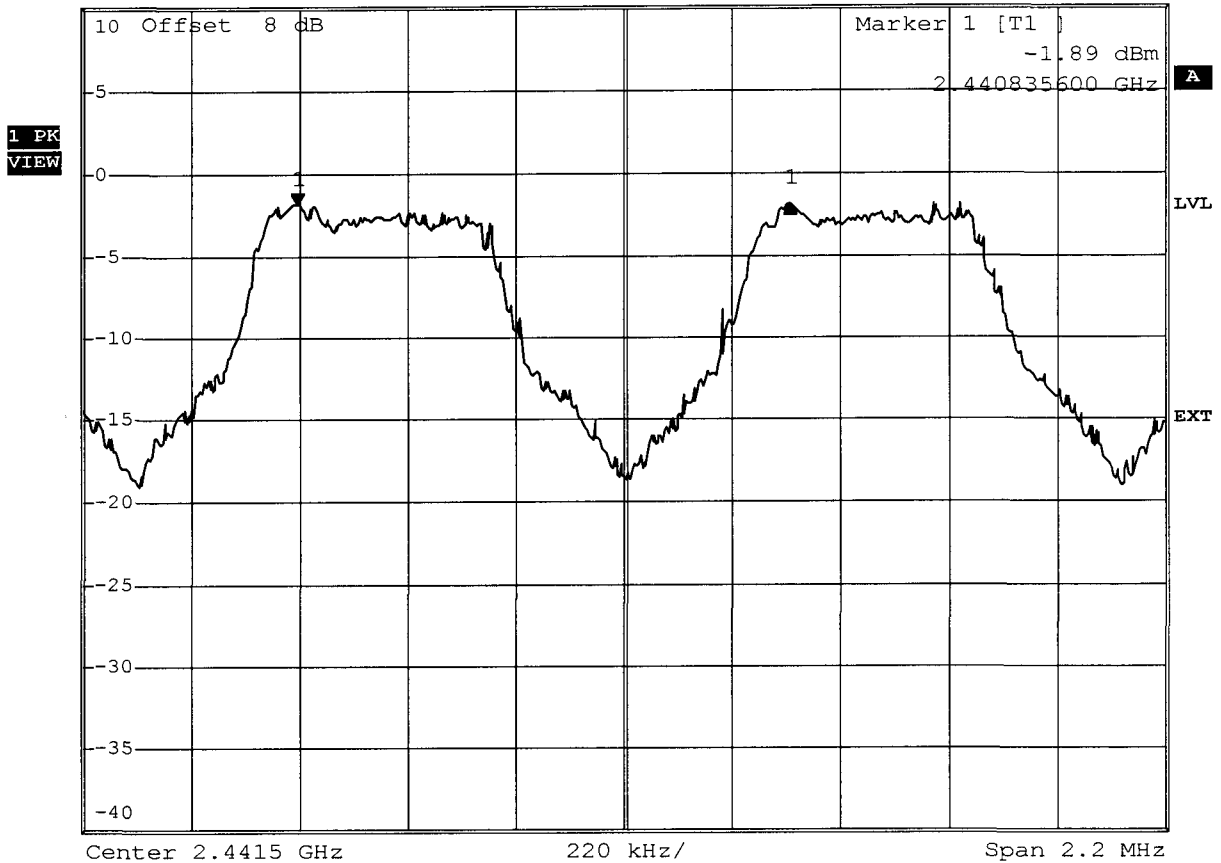


**FCC part 15.247**  
**Carrier frequency separation**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
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



\*RBW 100 kHz Delta 1 [T1 ]  
 \*VBW 100 kHz -0.01 dB  
 Ref 10 dBm Att 40 dB SWT 2.5 ms 1.003200000 MHz



Comment: Limit: > two-thirds of the 20 dB bandwidth ; Result: Pass  
 Date: 10.JAN.2008 12:45:35

Measurement diagram

## Appendix H

Spurious emission conducted

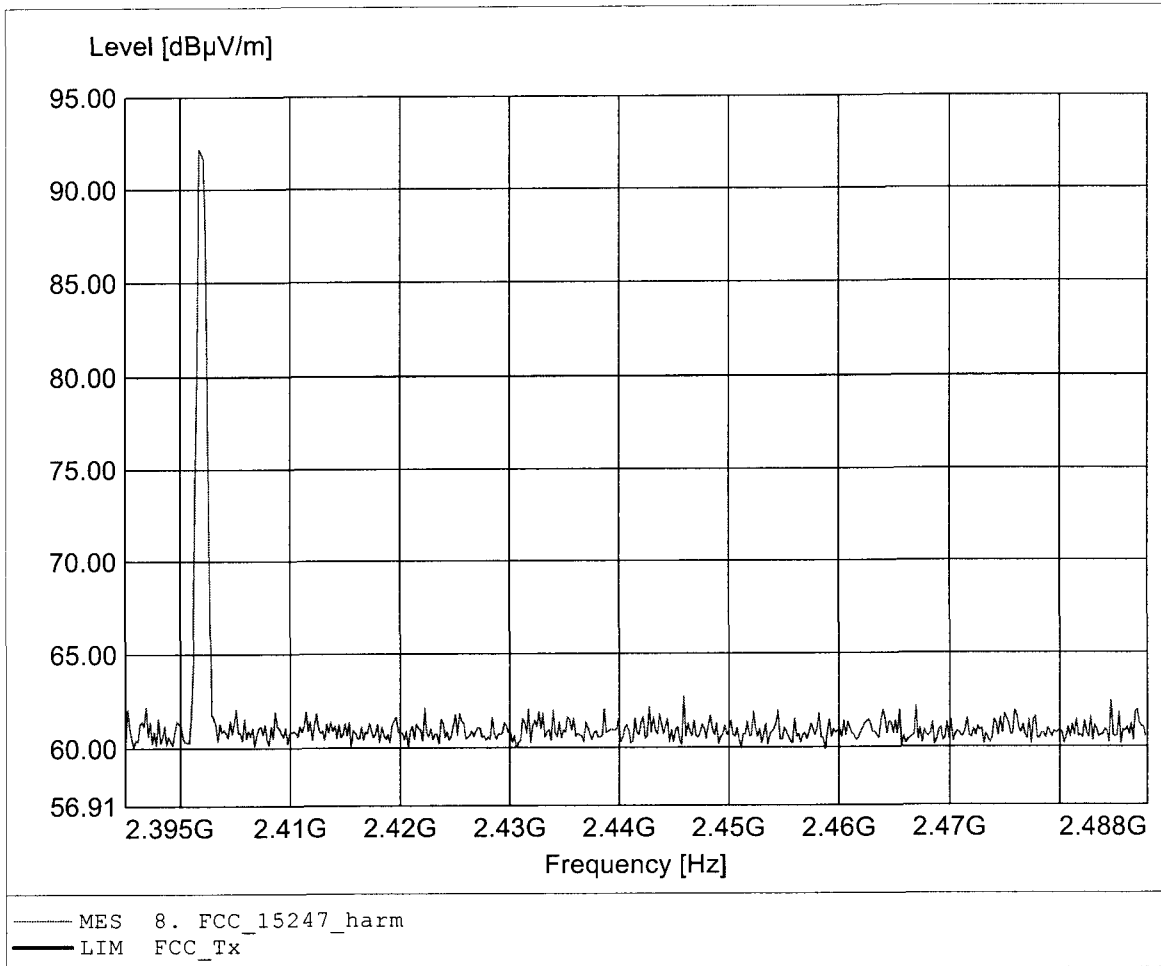
## Appendix I

Spurious emission radiated

**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

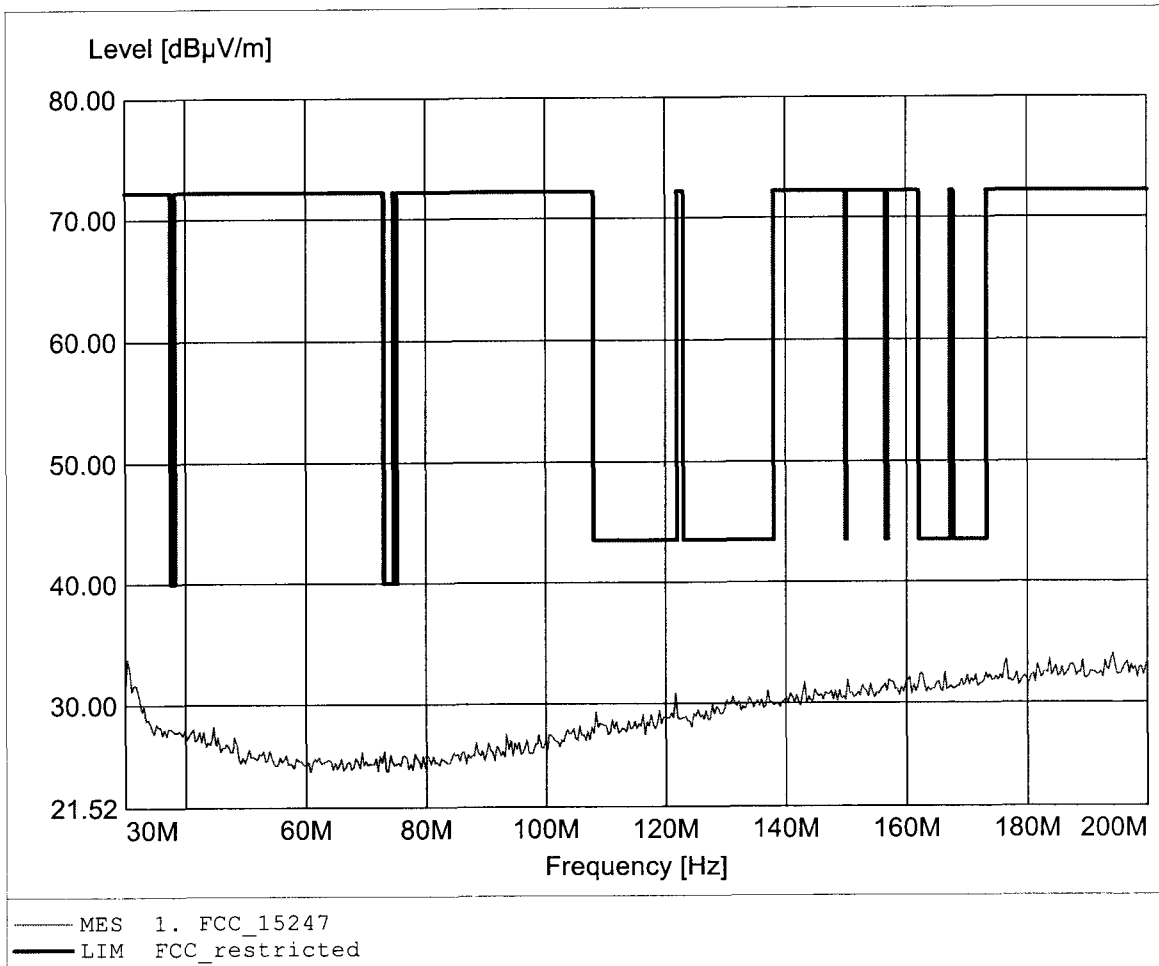
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.402GHz, Emax: 92.20dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

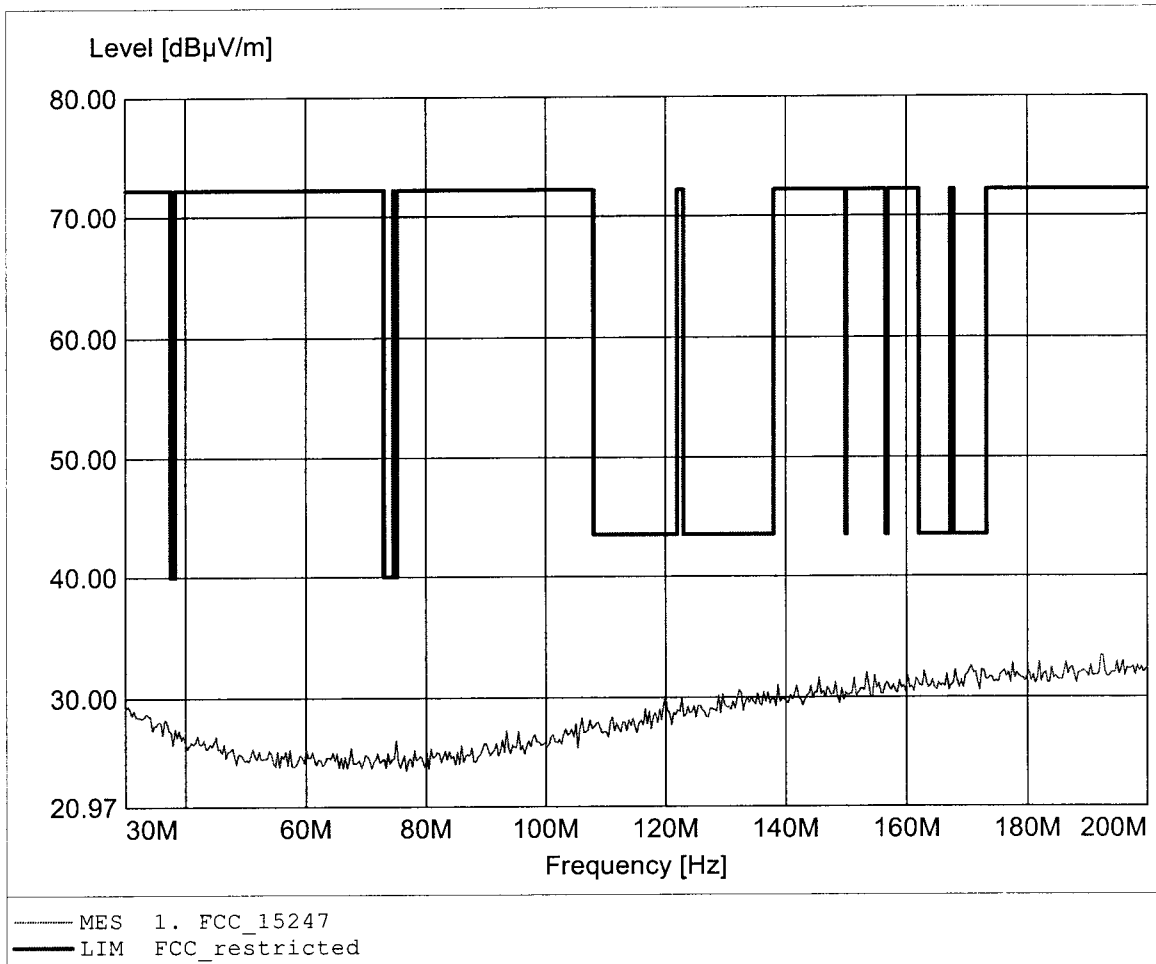
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 194.208MHz, Emax: 34.03dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

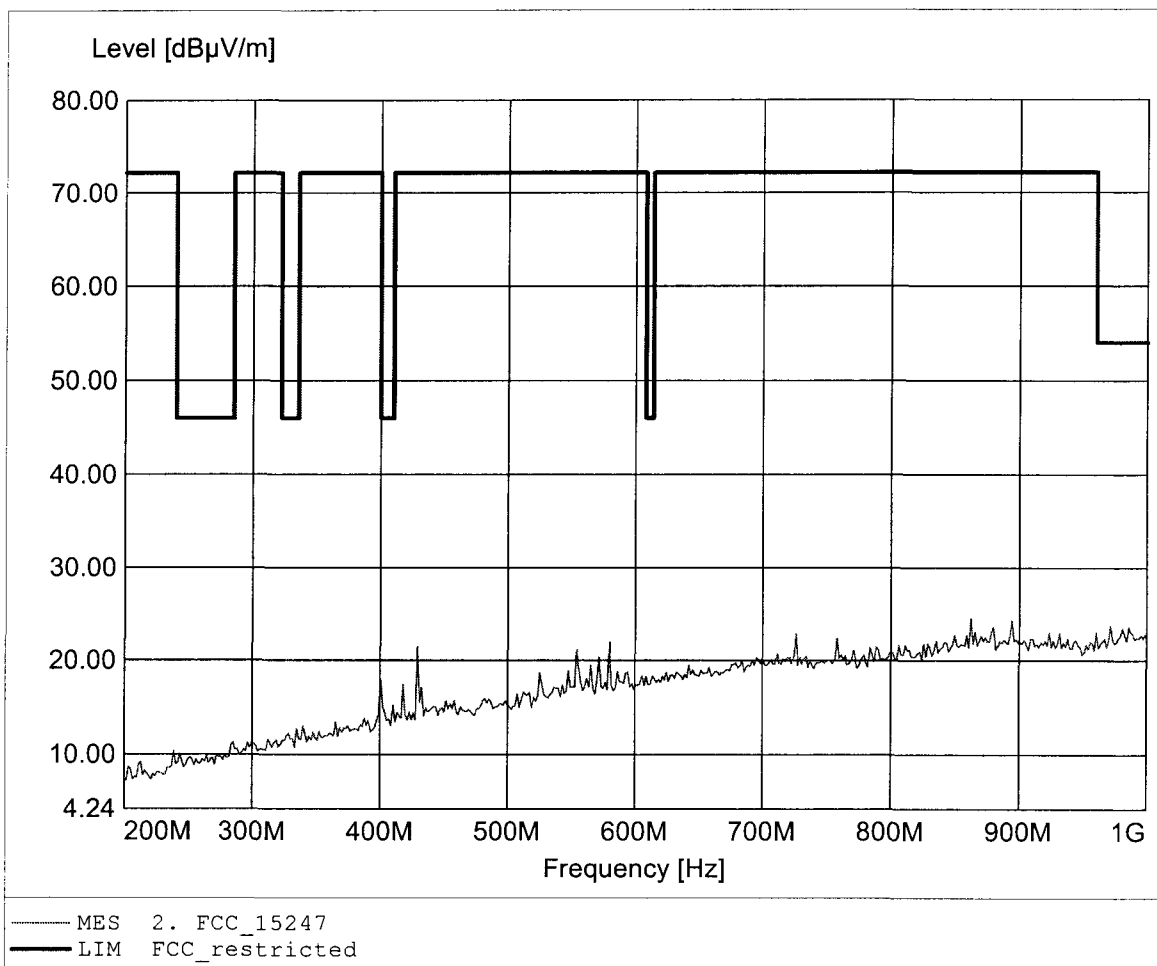
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 192.164MHz, Emax: 33.41dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

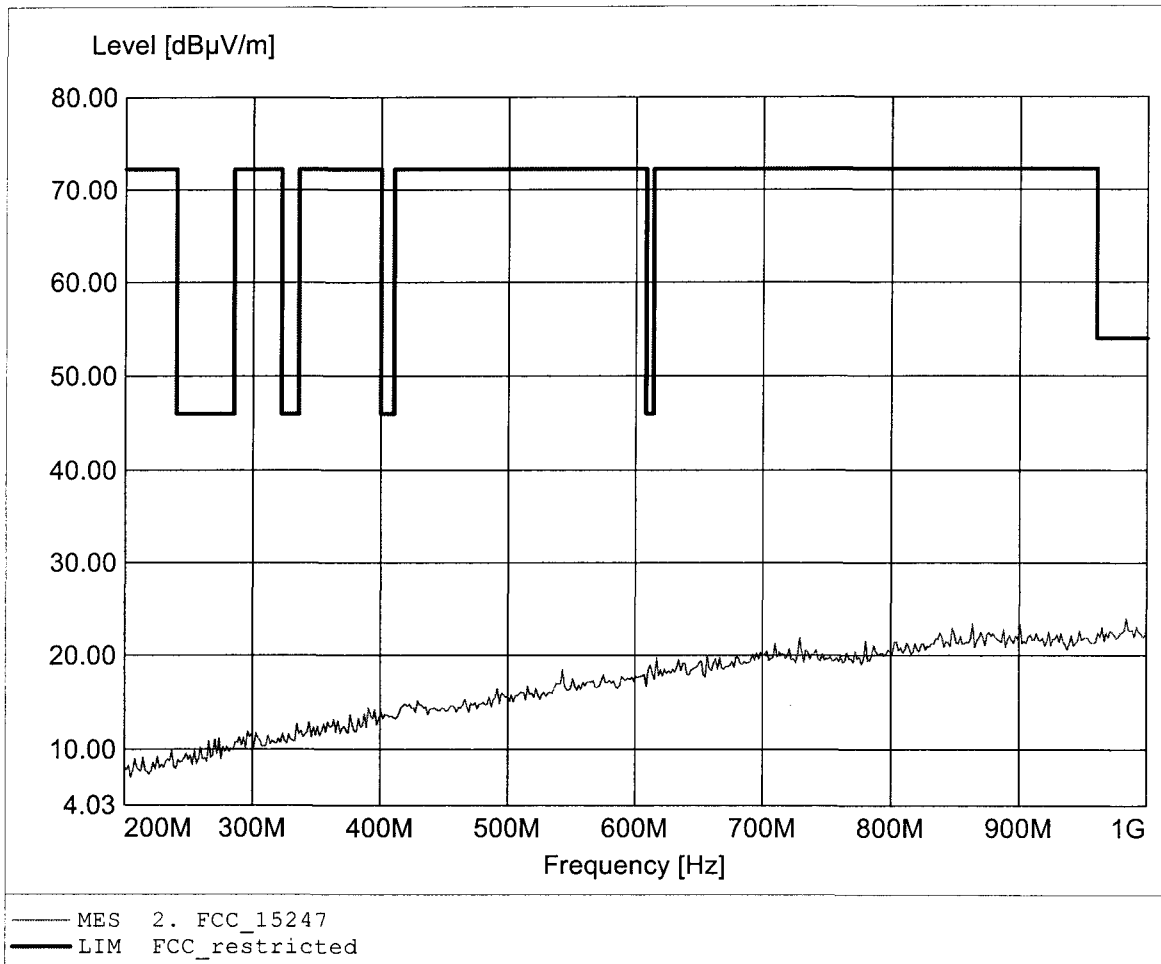
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 862.124MHz, Emax: 24.59dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 983.968MHz, Emax: 24.01dBµV/m, RBW: 100kHz

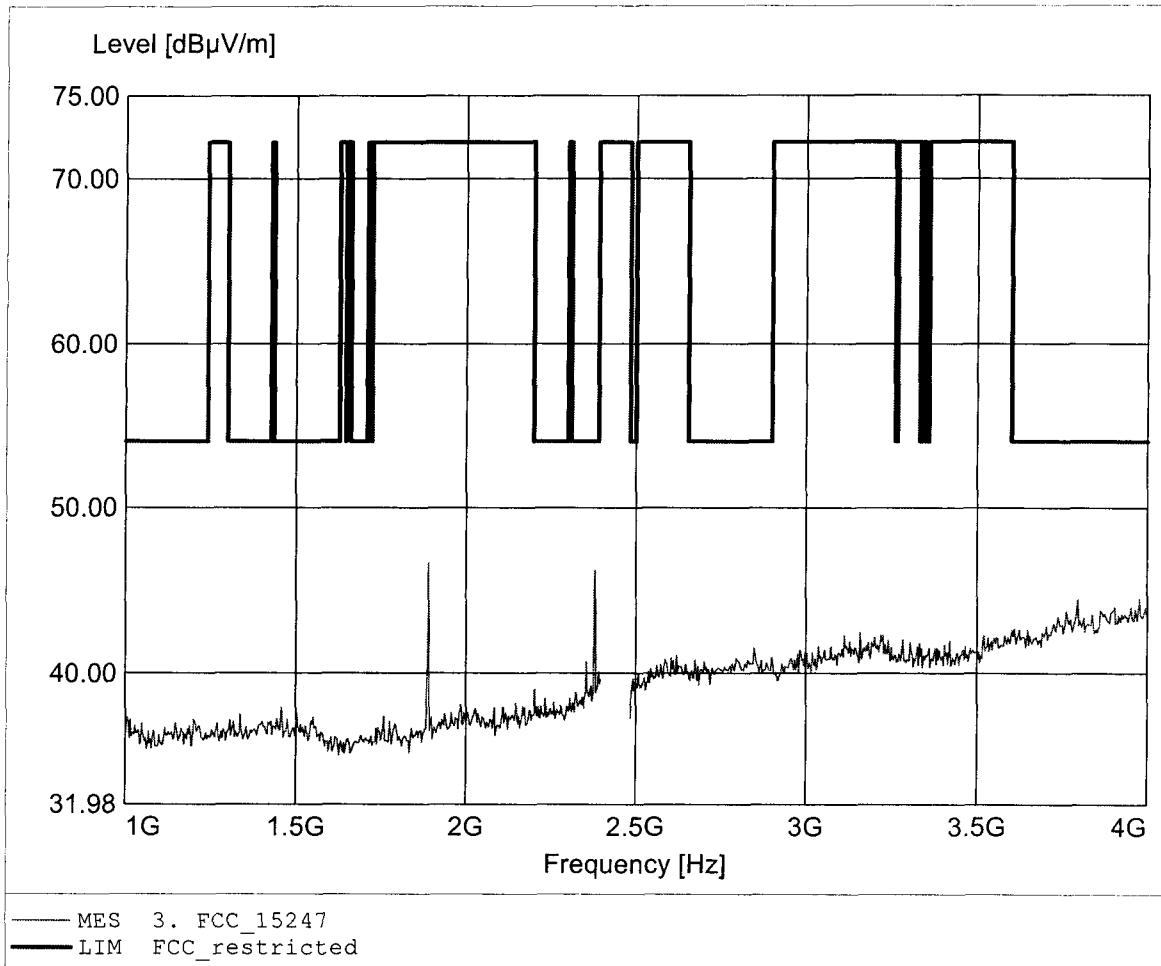




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

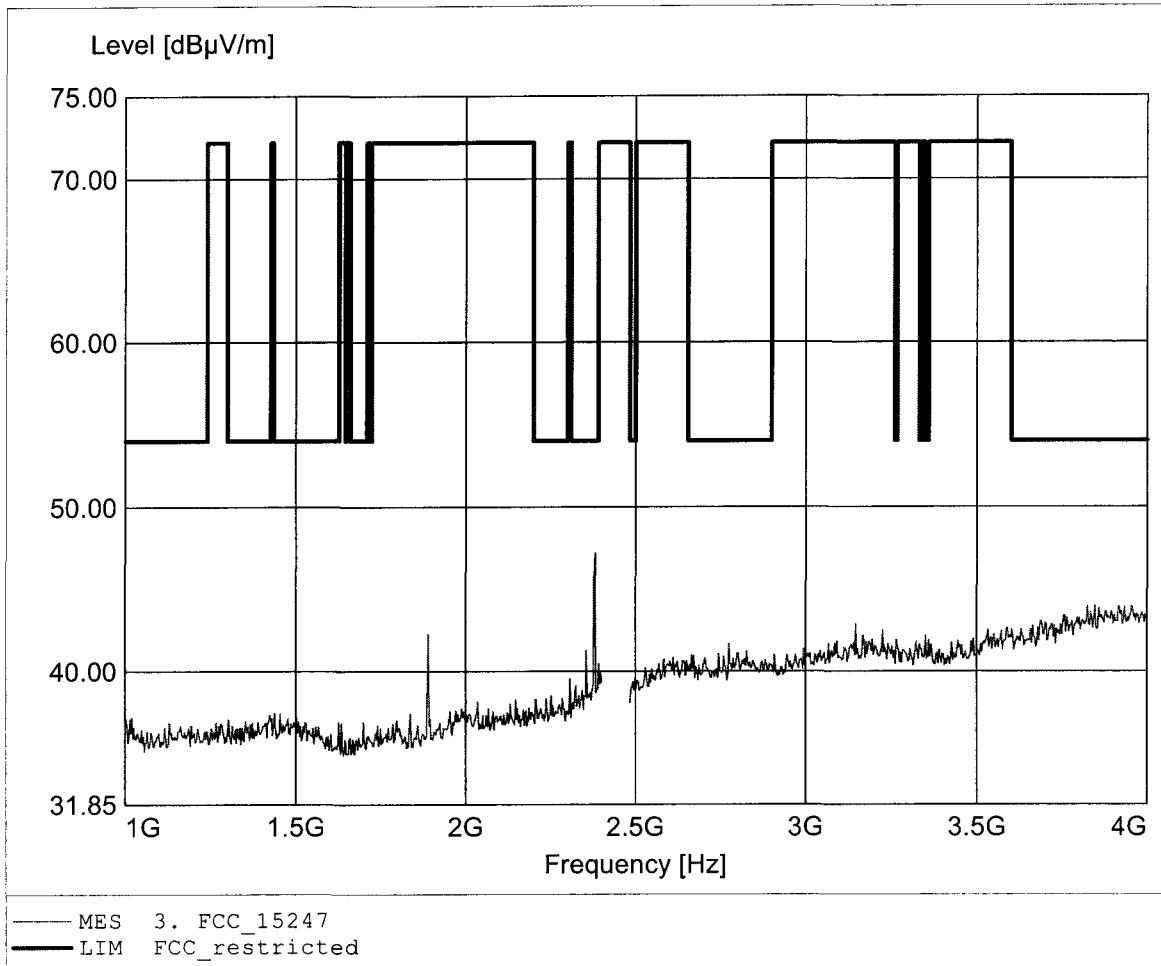
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.889GHz, Emax: 46.71dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

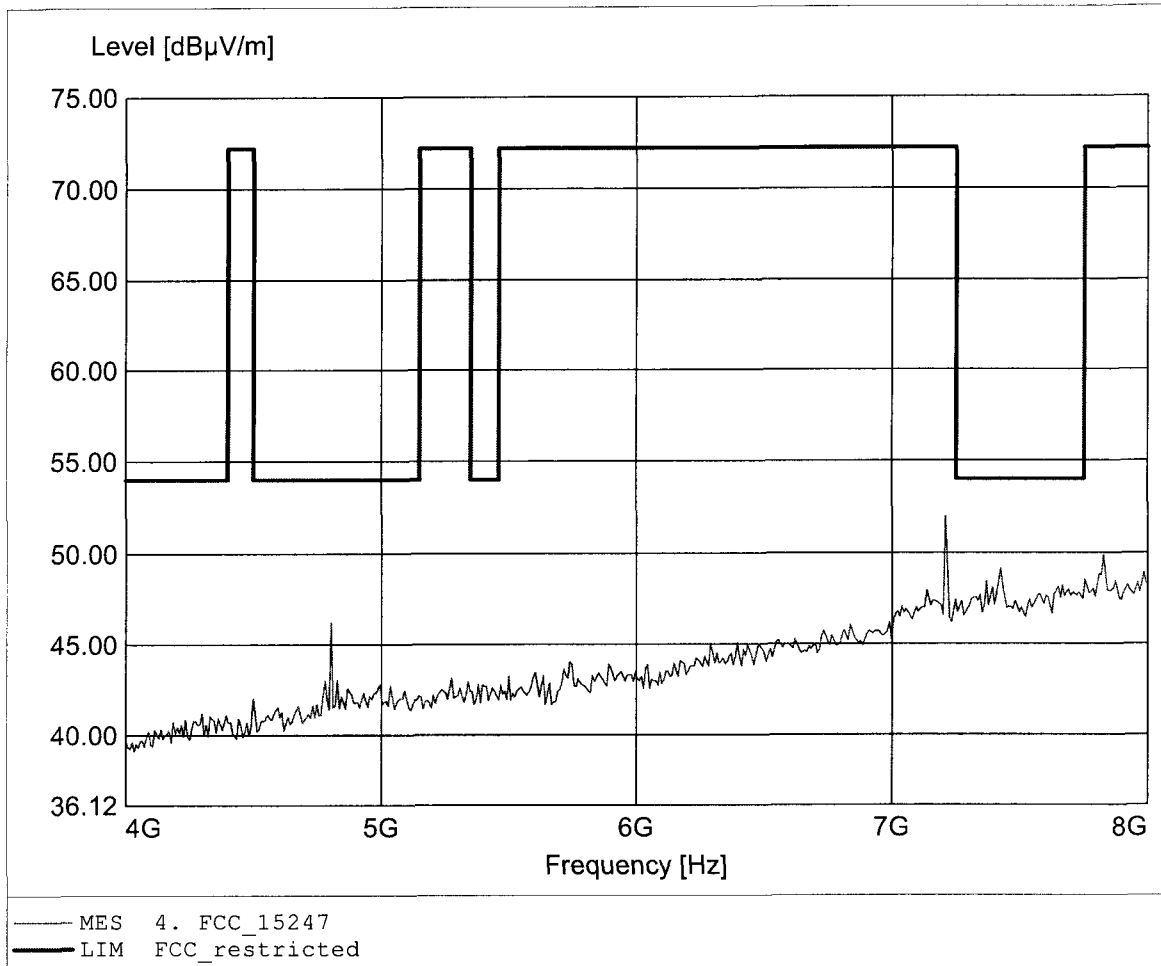
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.380GHz, Emax: 47.25dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

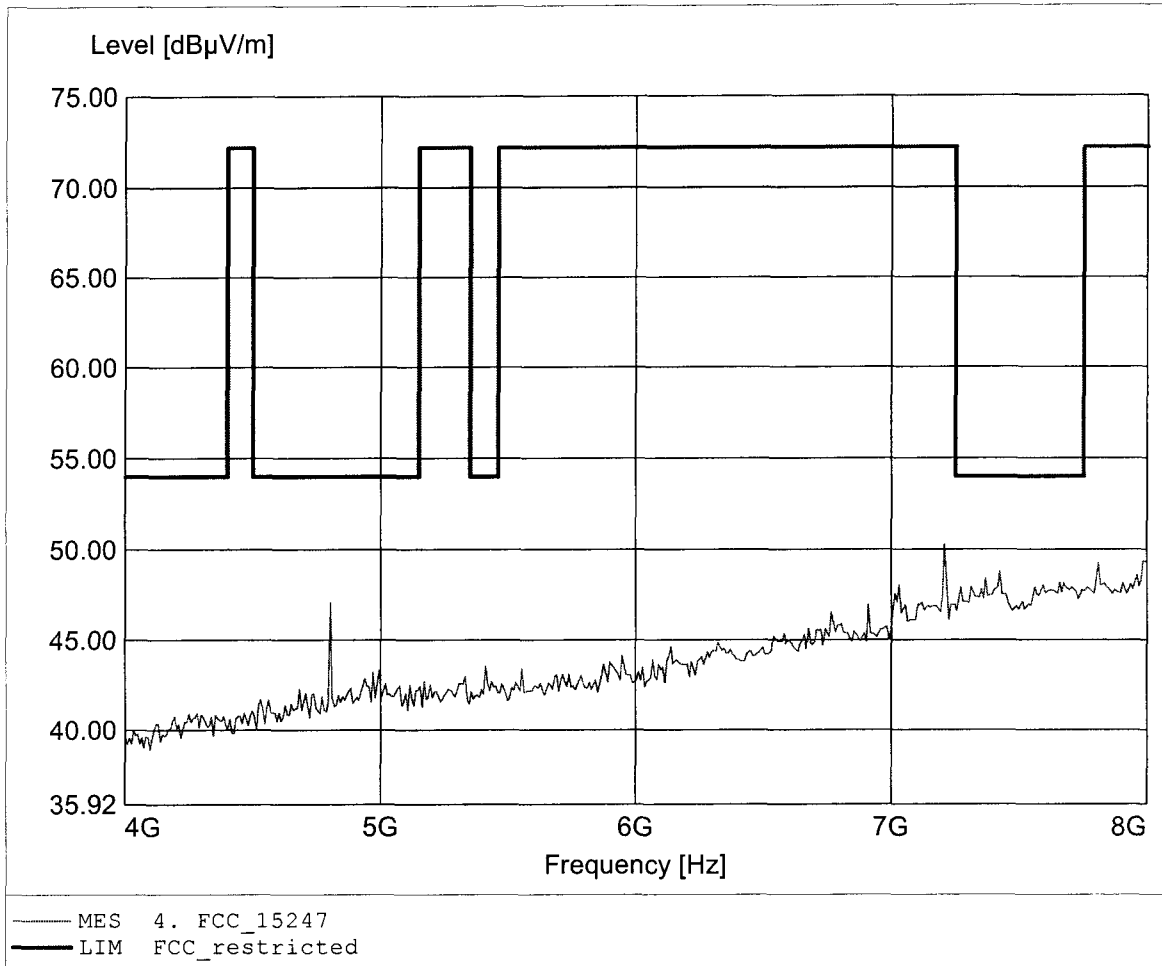
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.206GHz, Emax: 51.99dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

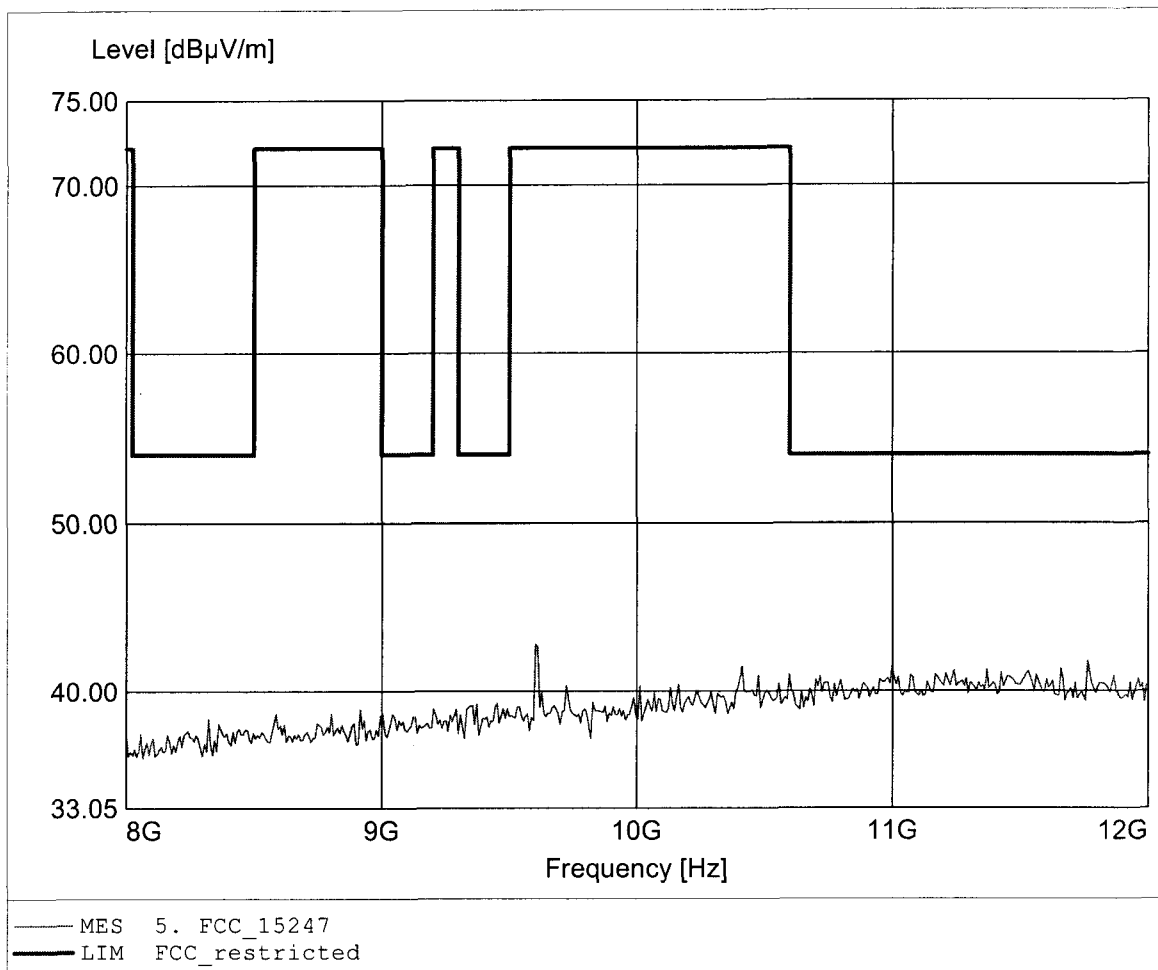
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.206GHz, Emax: 50.29dBuV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

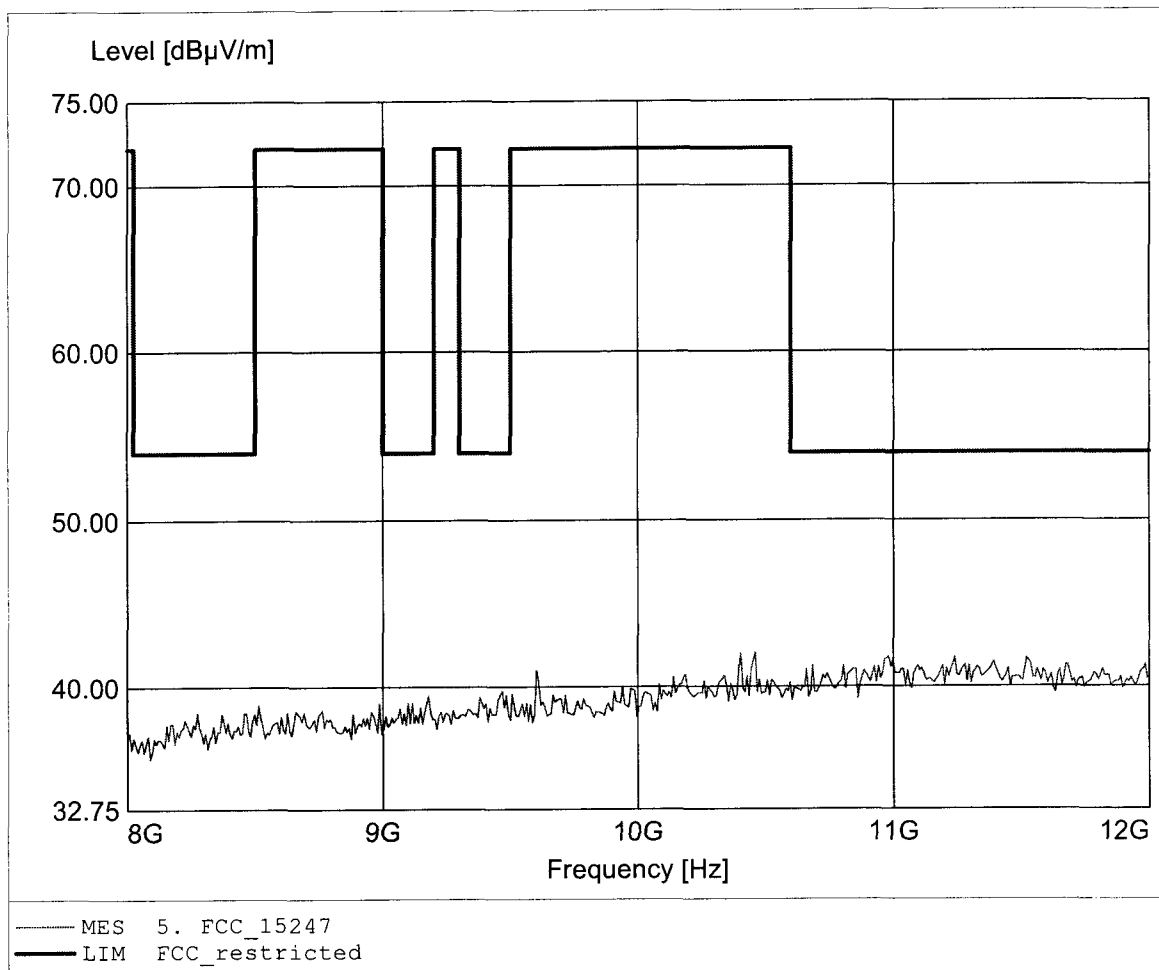
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.603GHz, Emax: 42.84dB $\mu$ V/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

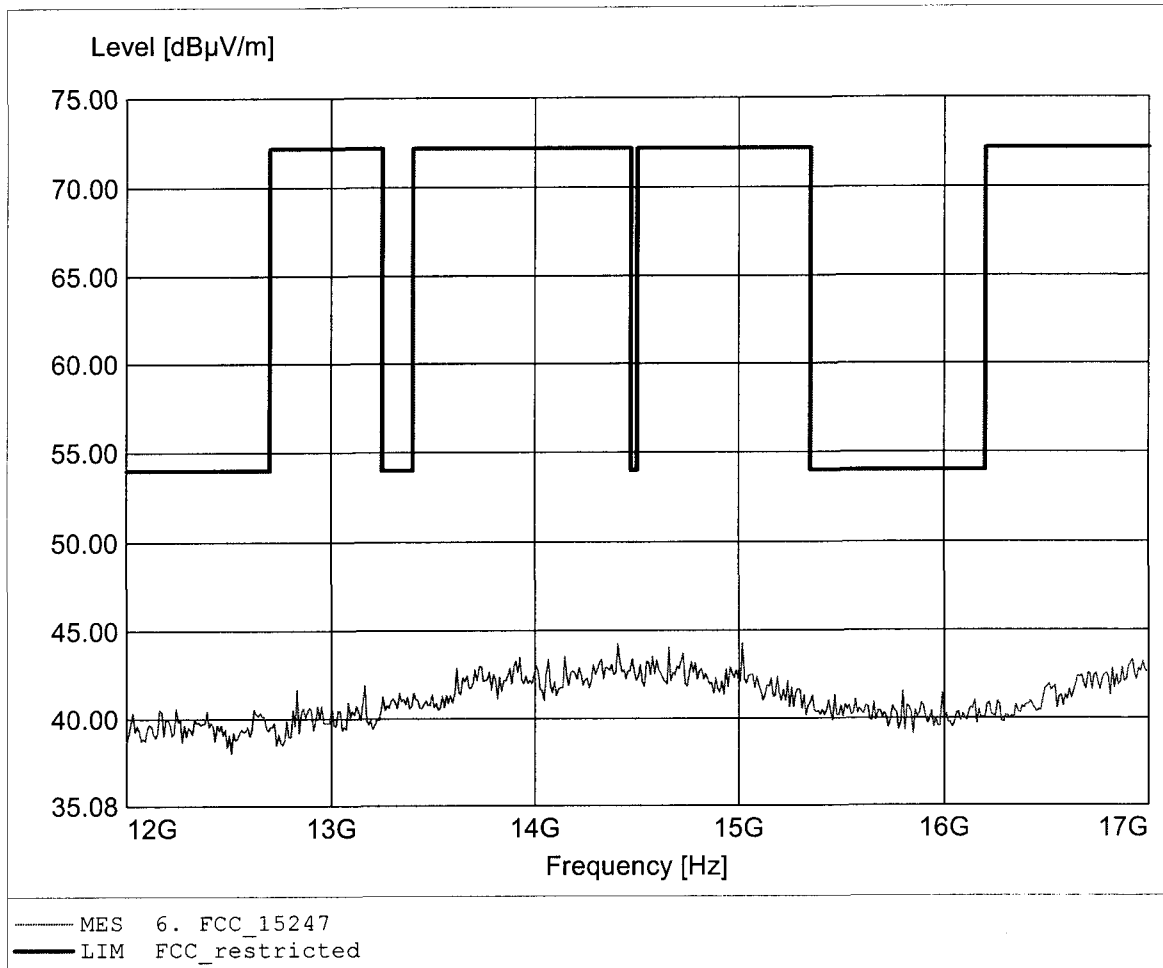
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.461GHz, Emax: 42.08dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

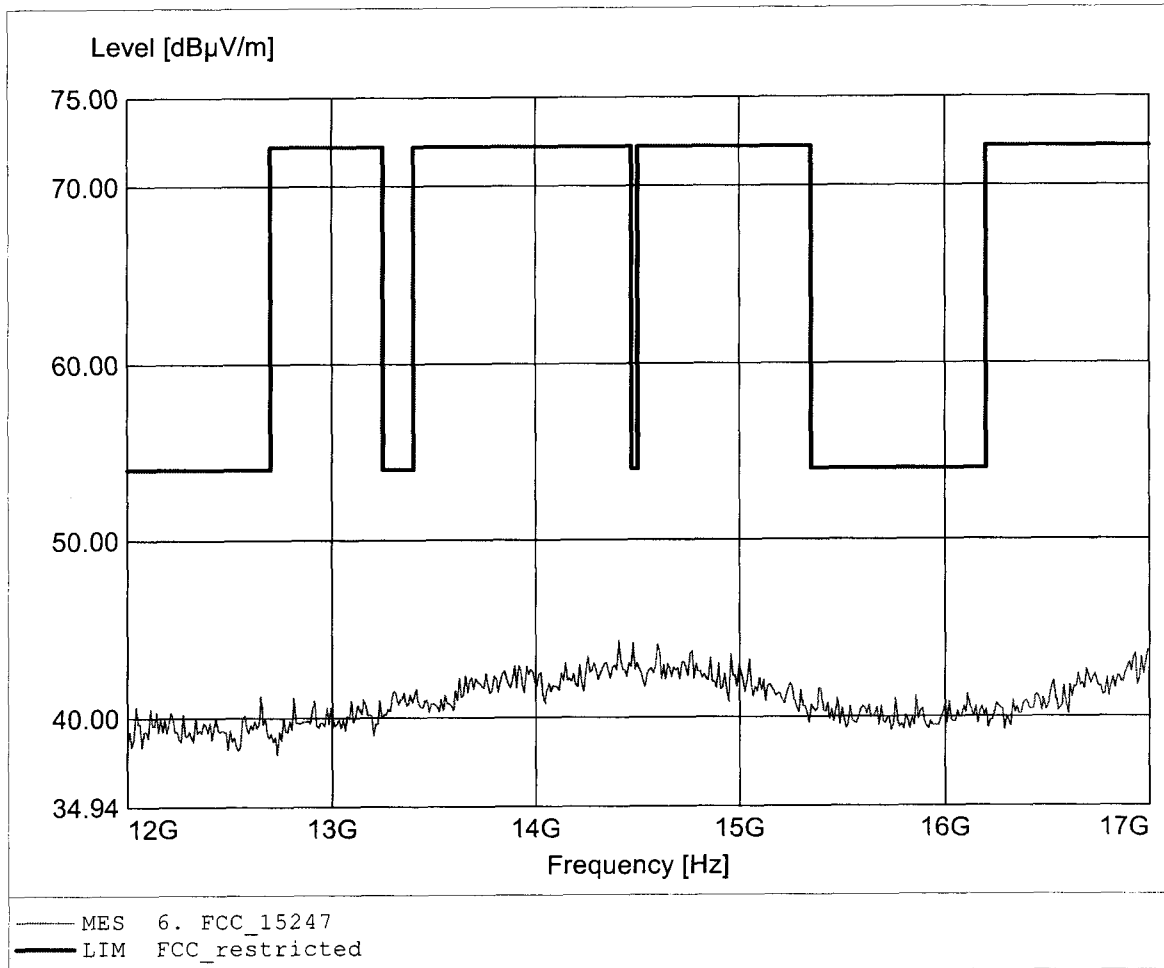
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 15.016GHz, Emax: 44.31dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.405GHz, Emax: 44.34dBµV/m, RBW: 1MHz

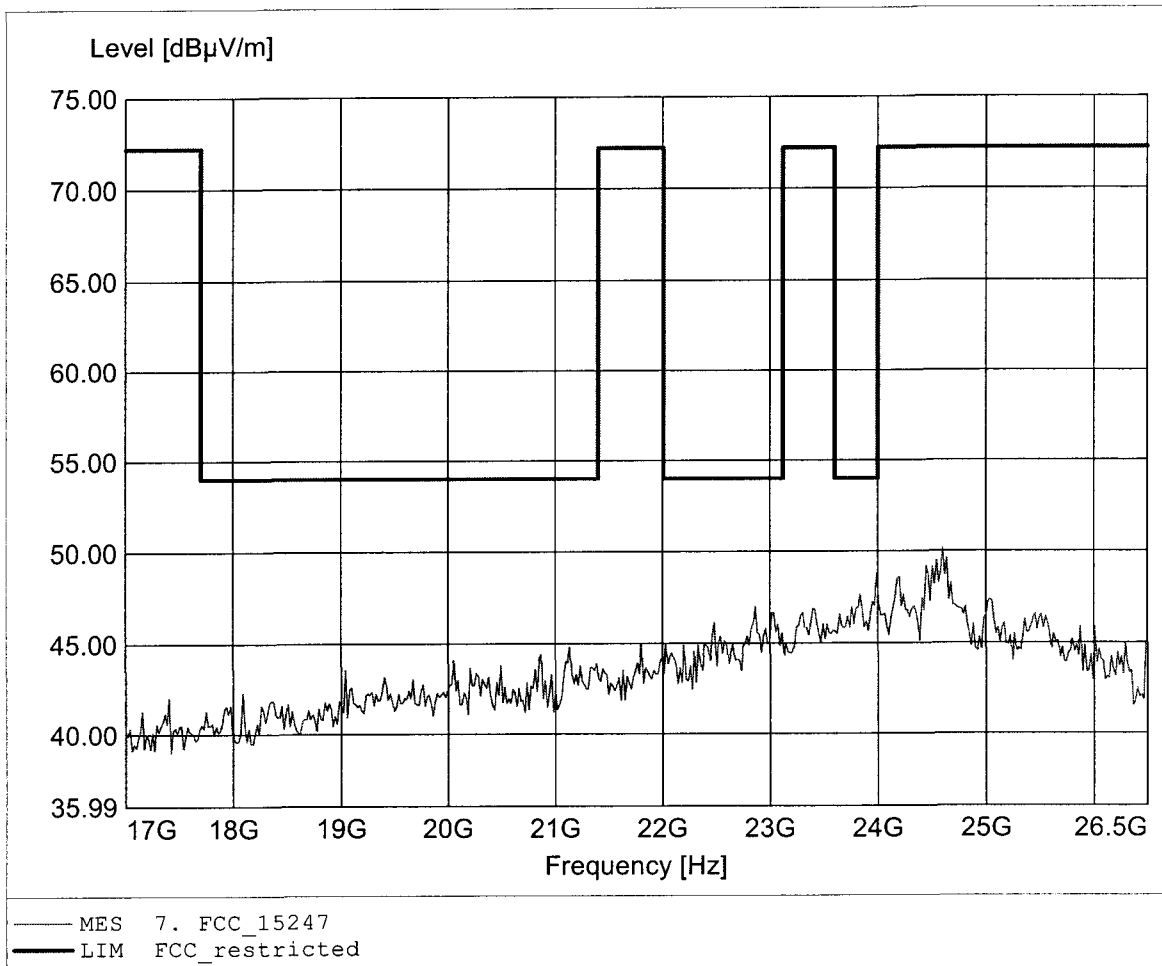




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

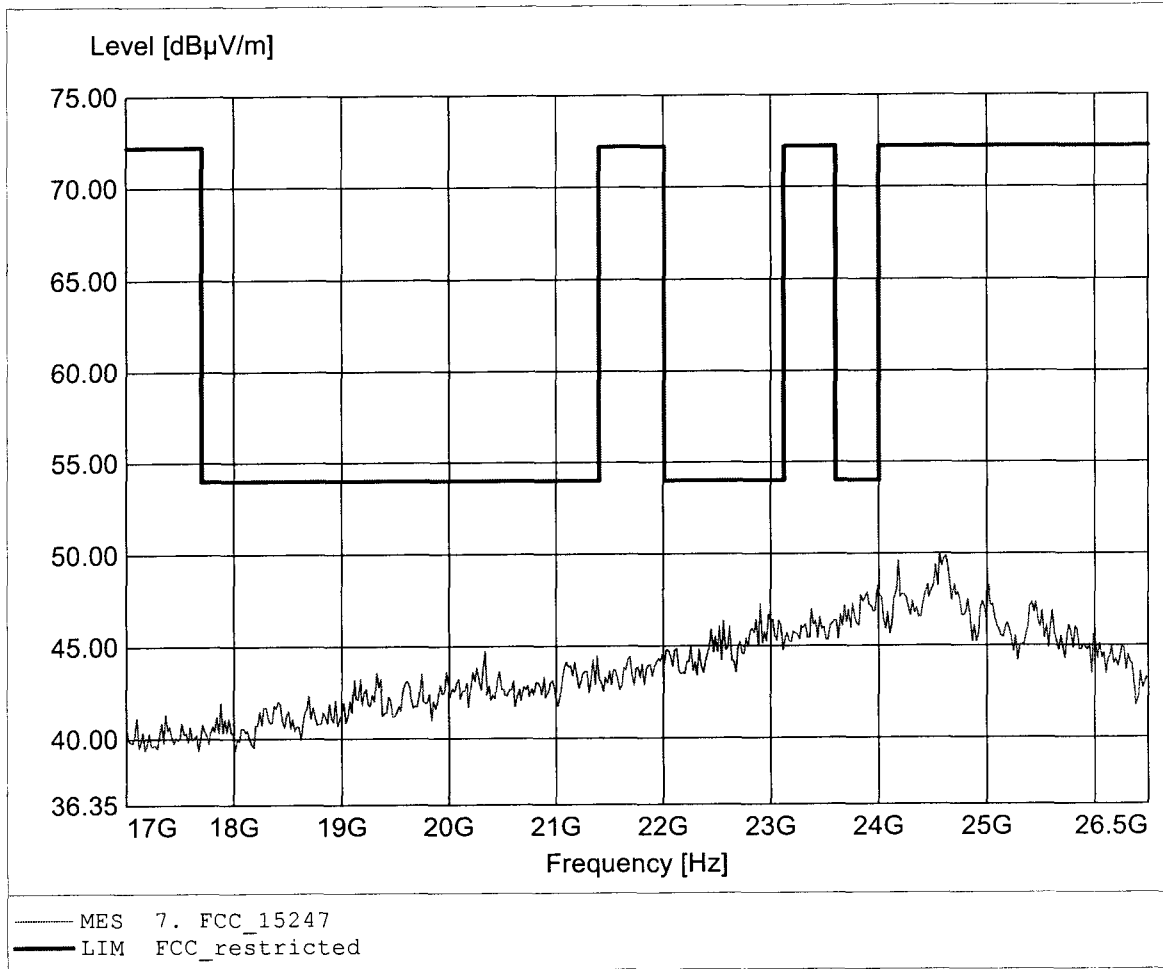
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.596GHz, Emax: 50.17dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

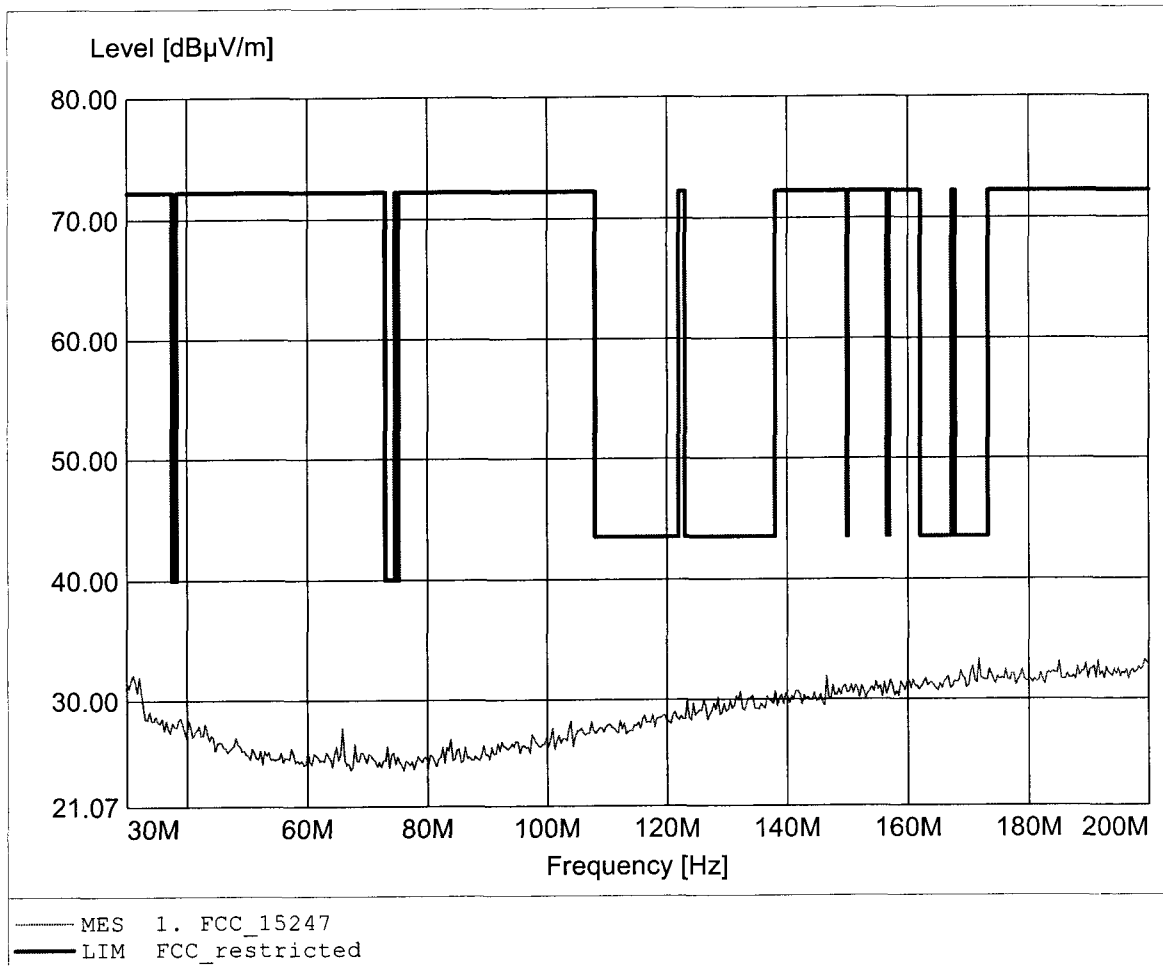
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2402 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.558GHz, Emax: 50.04dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

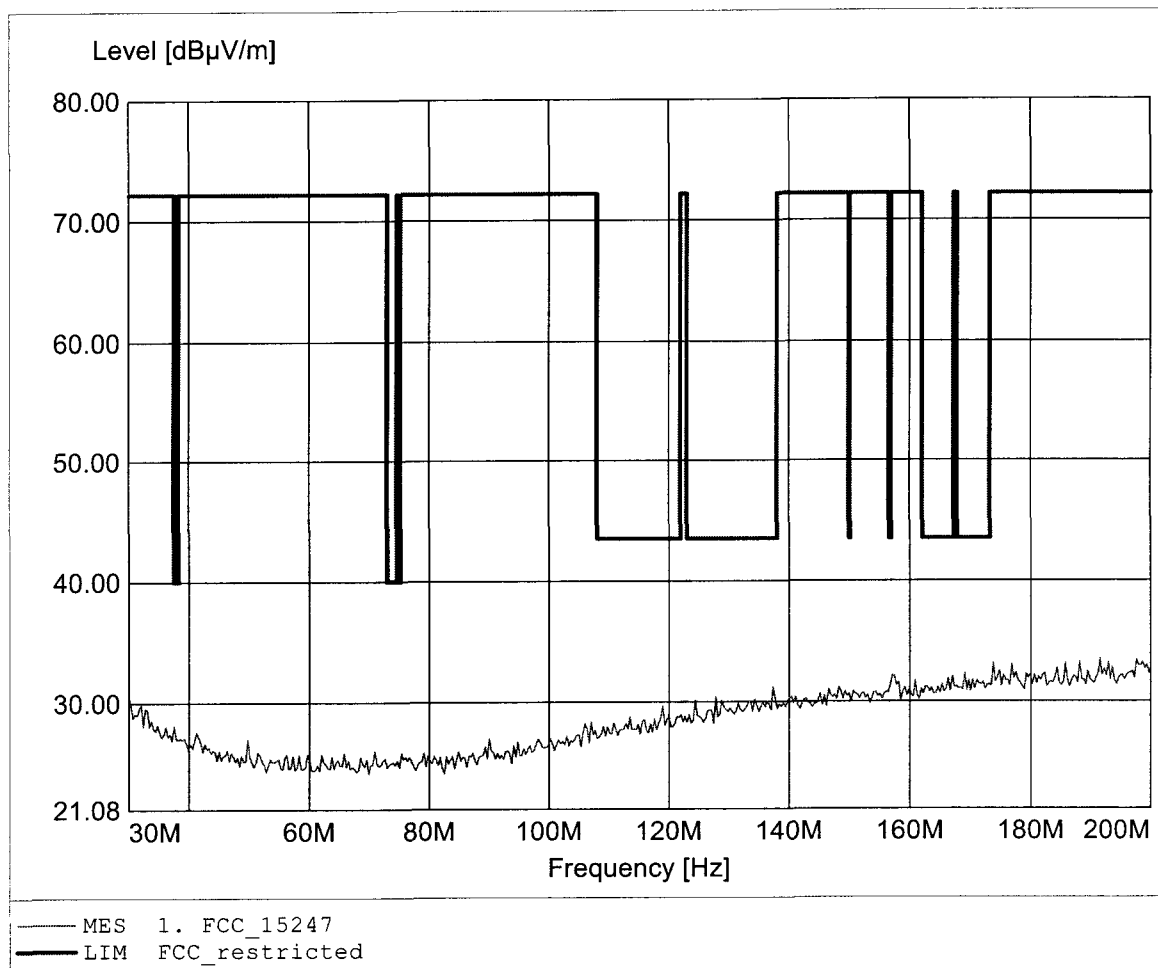
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 171.723MHz, Emax: 33.41dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

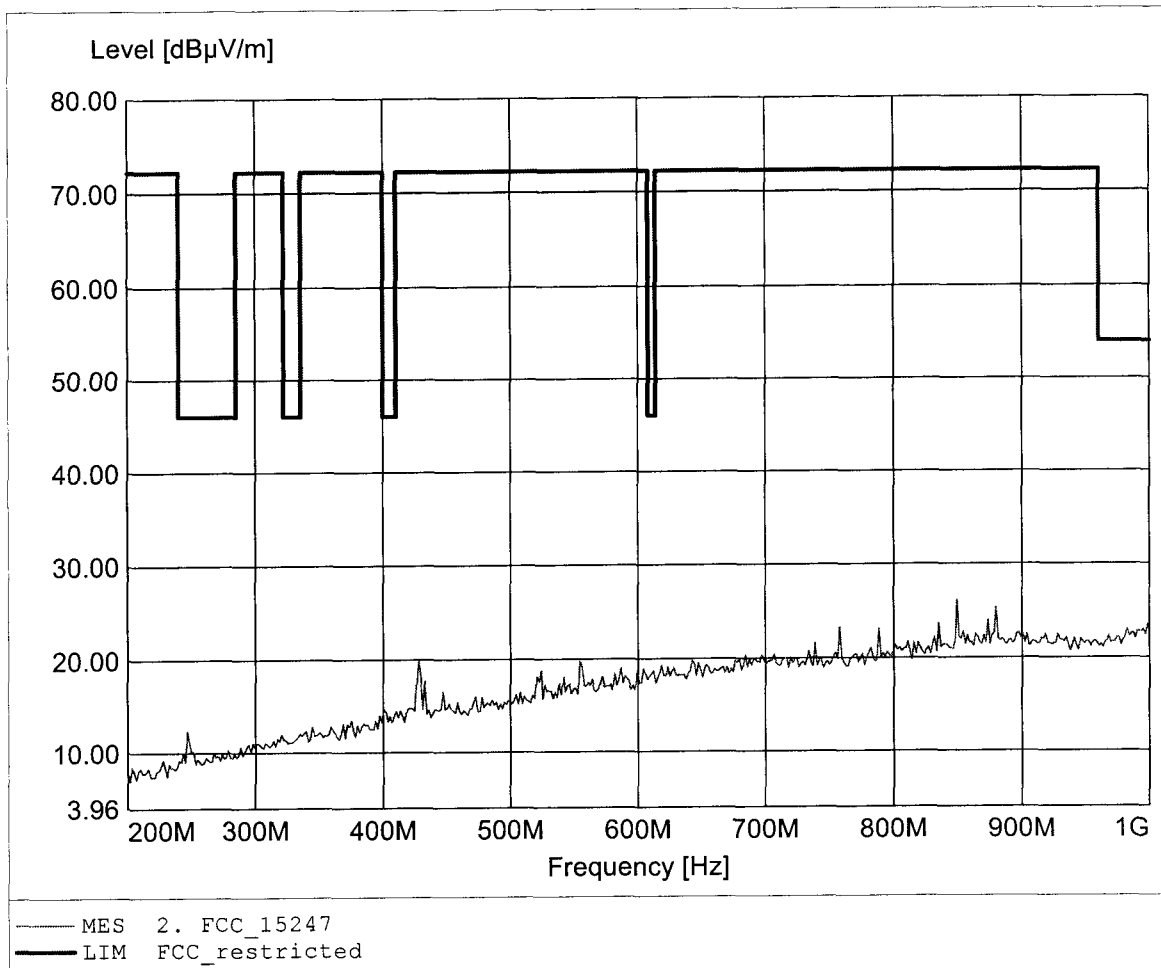
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 191.483MHz, Emax: 33.54dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

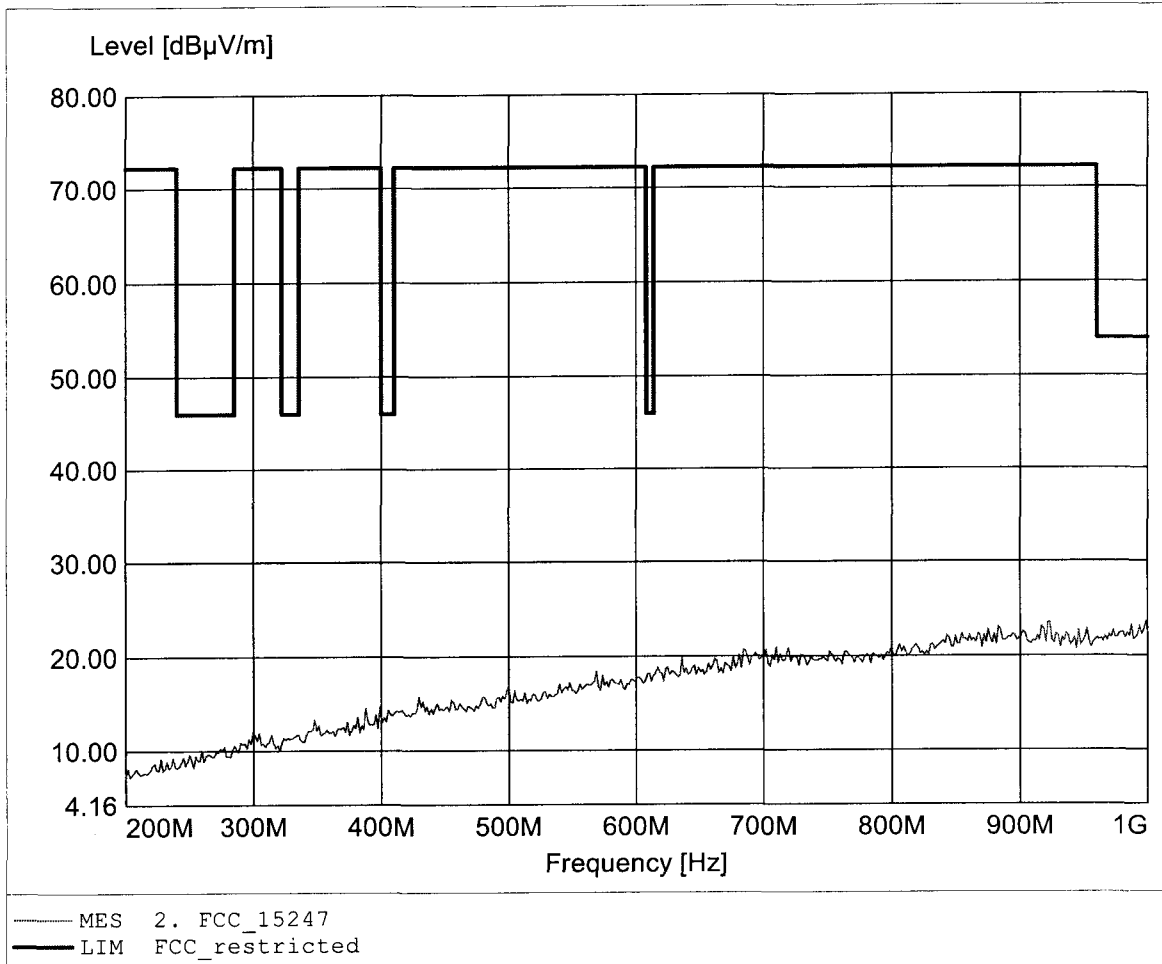
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 849.299MHz, Emax: 26.14dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

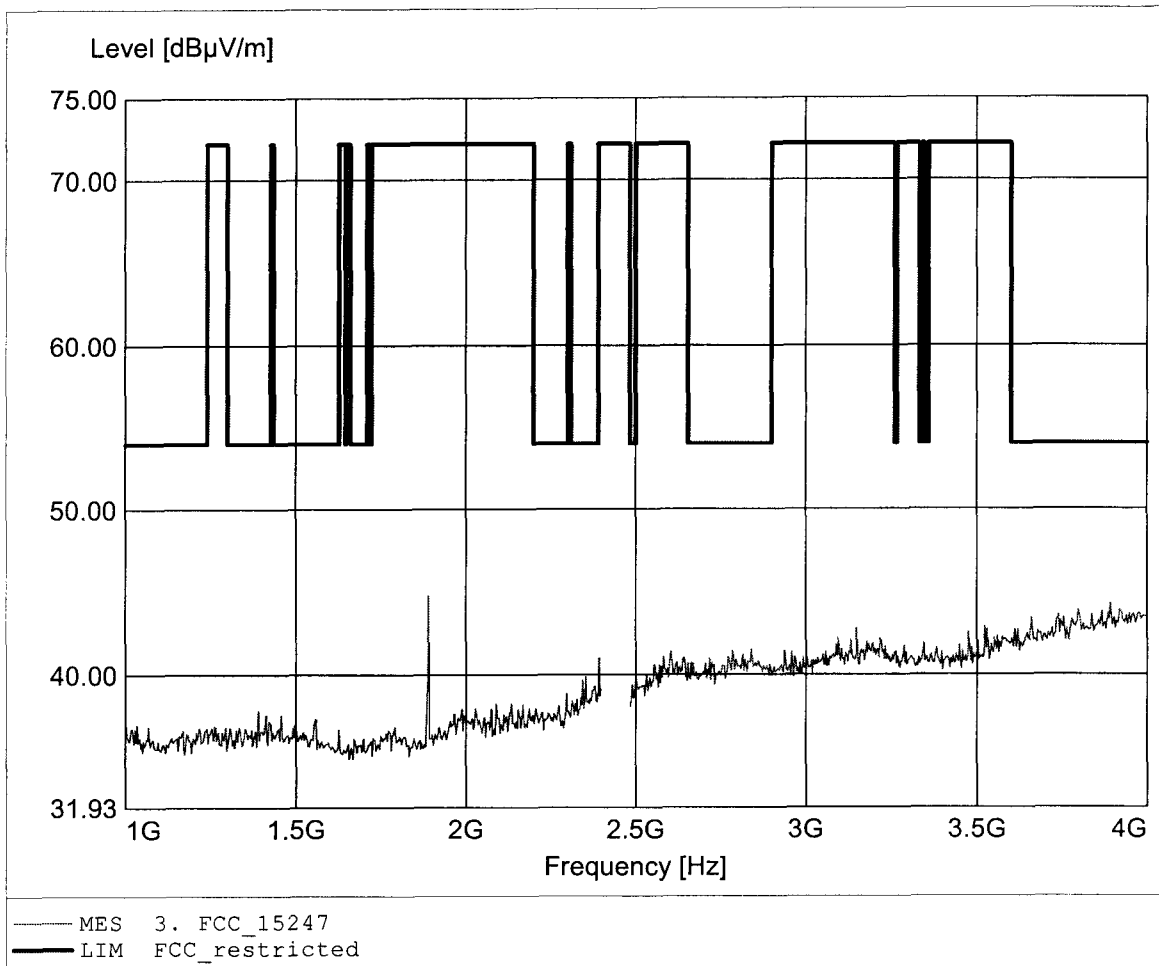
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 998.397MHz, Emax: 23.63dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

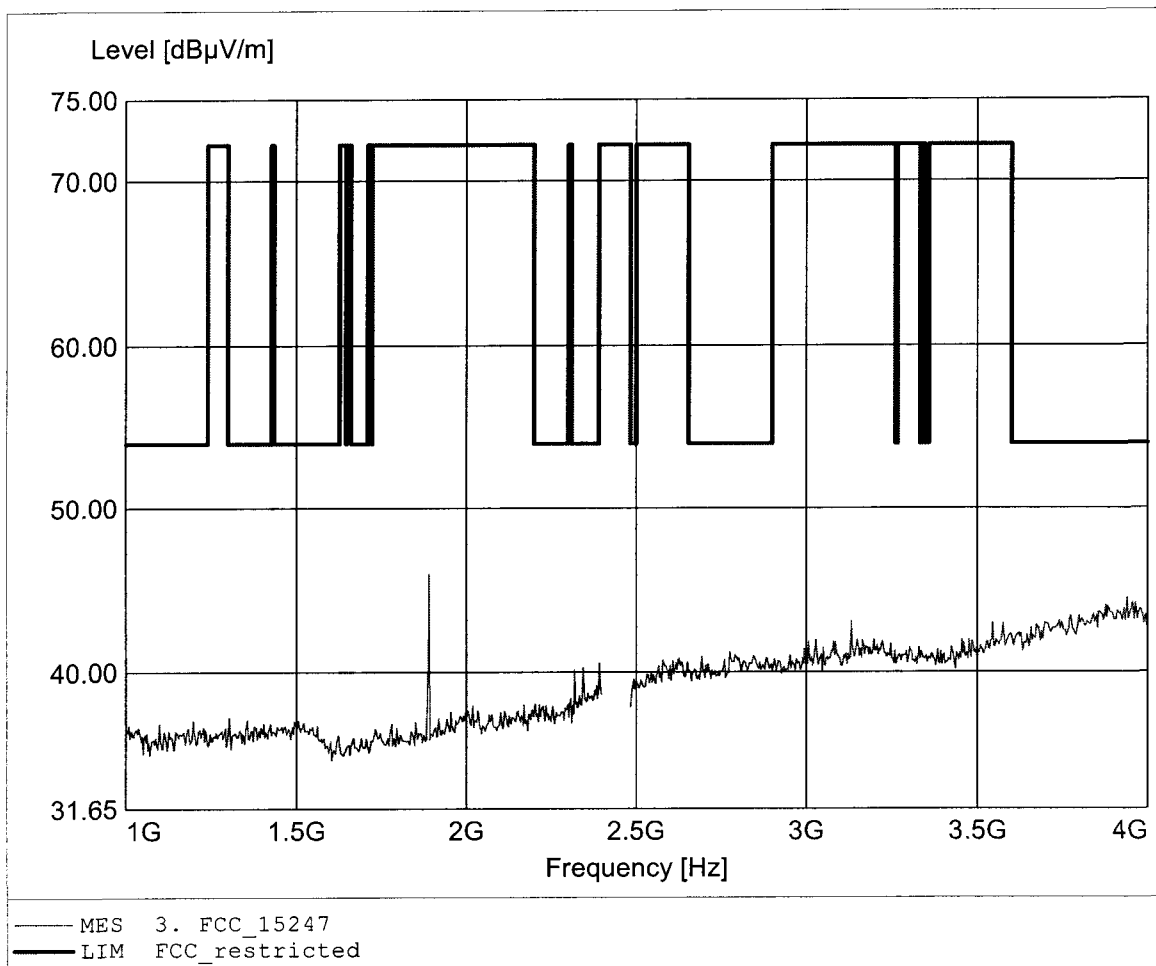
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.889GHz, Emax: 44.79dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.889GHz, Emax: 45.93dB $\mu$ V/m, RBW: 1MHz

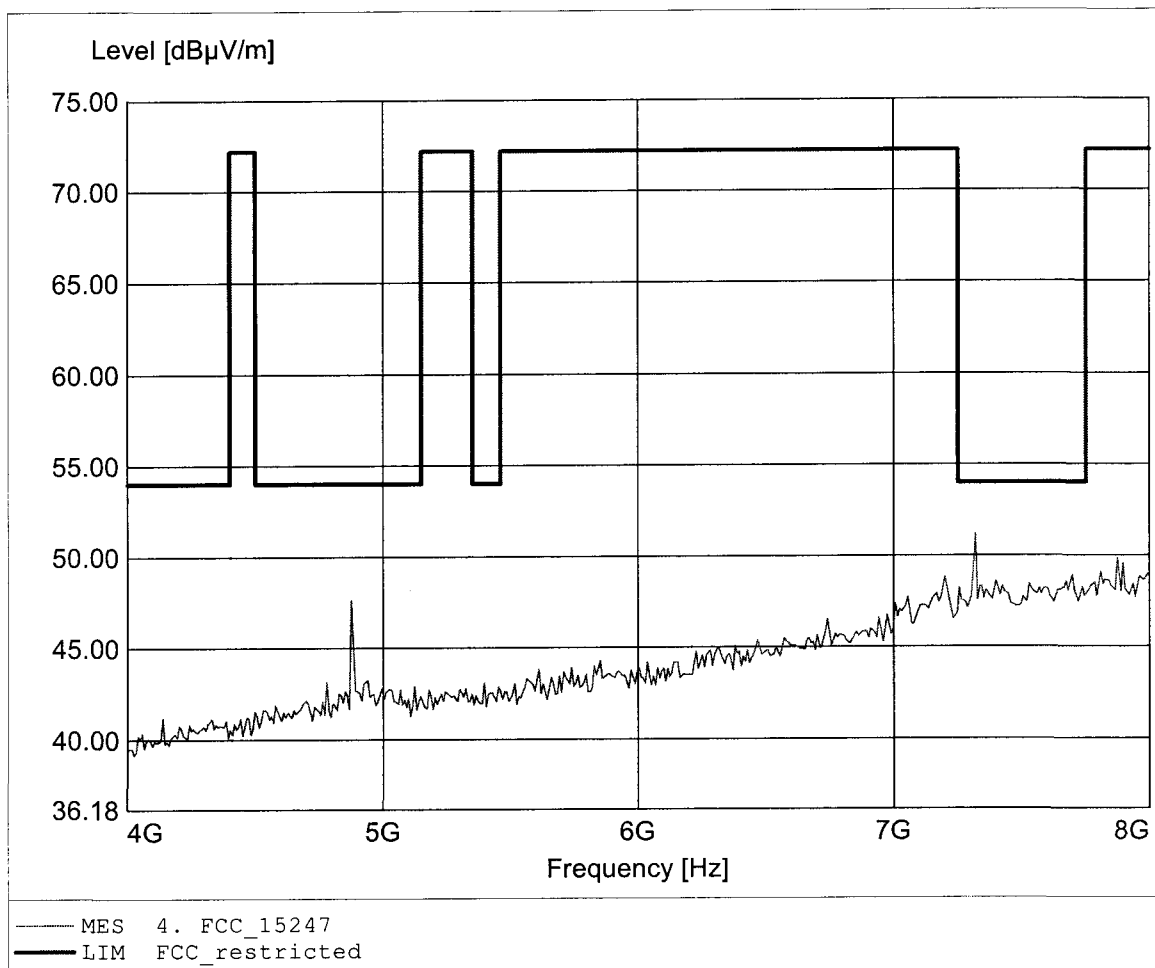




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

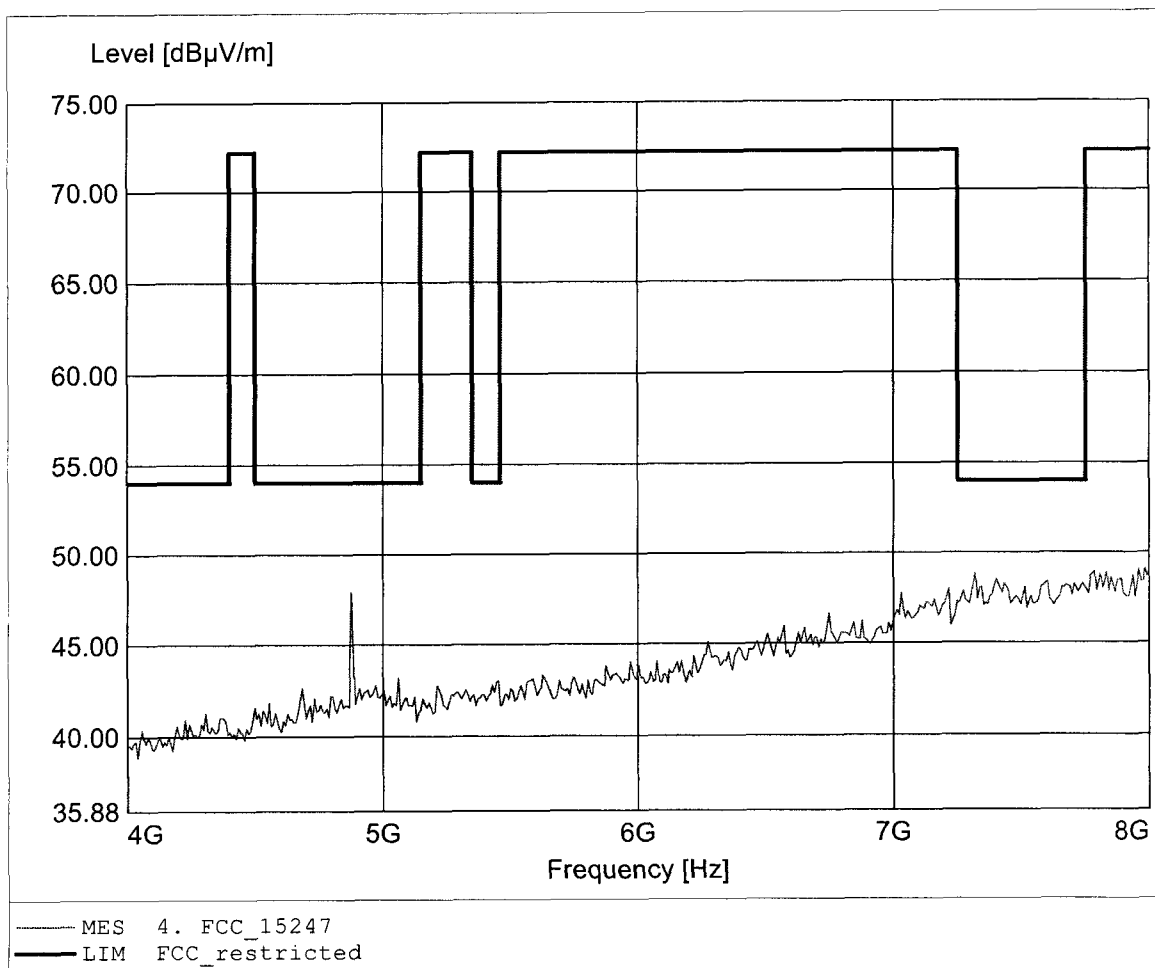
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.319GHz, Emax: 51.19dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

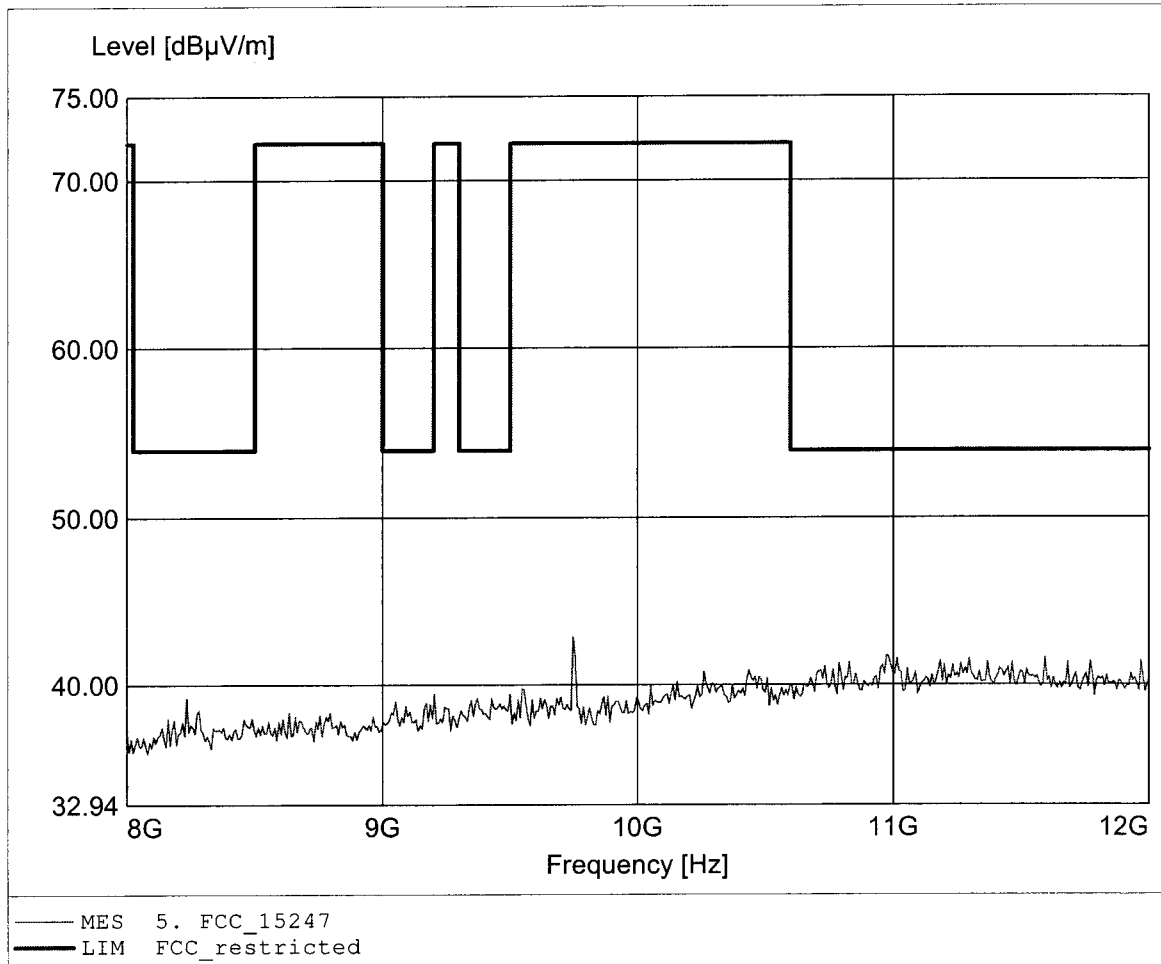
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.984GHz, Emax: 49.12dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

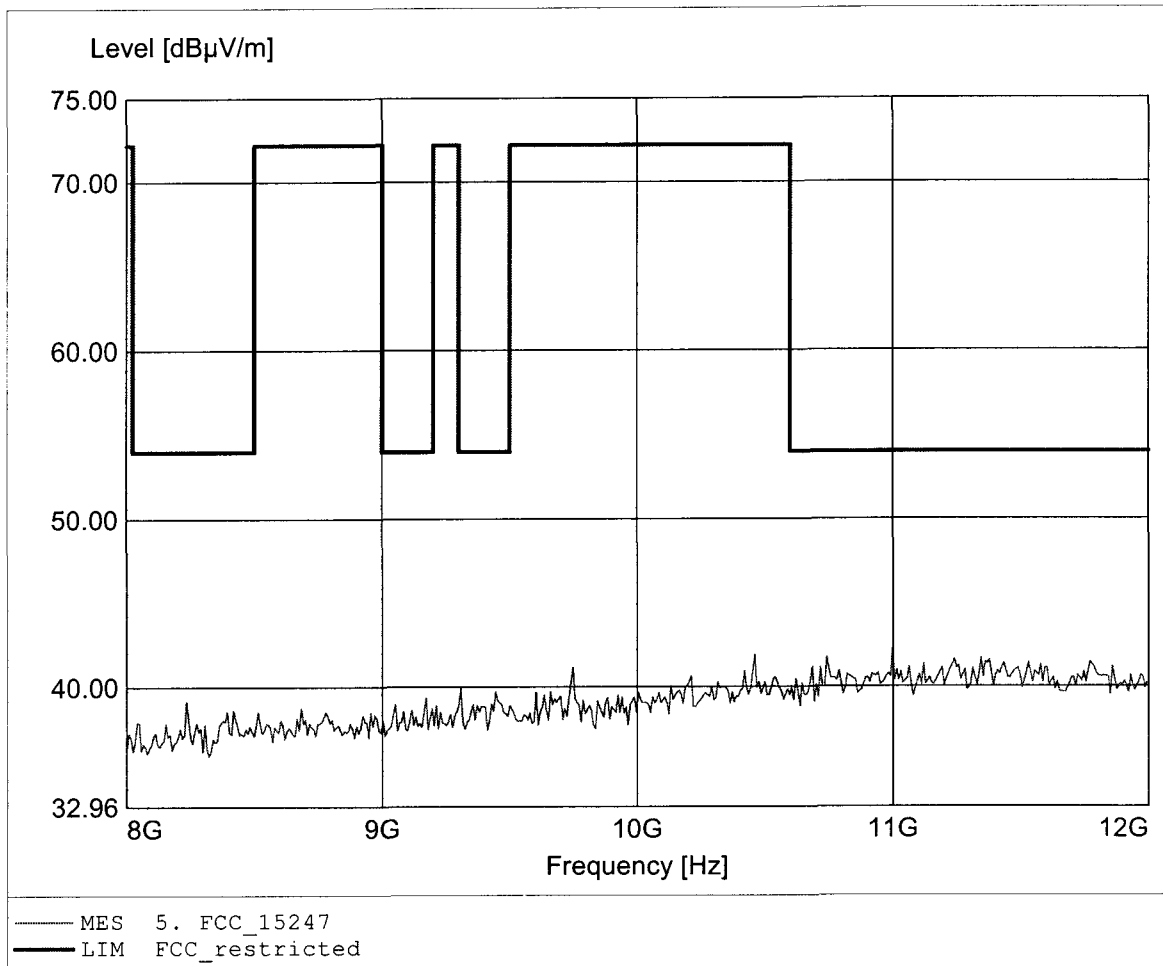
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 9.747GHz, Emax: 42.84dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

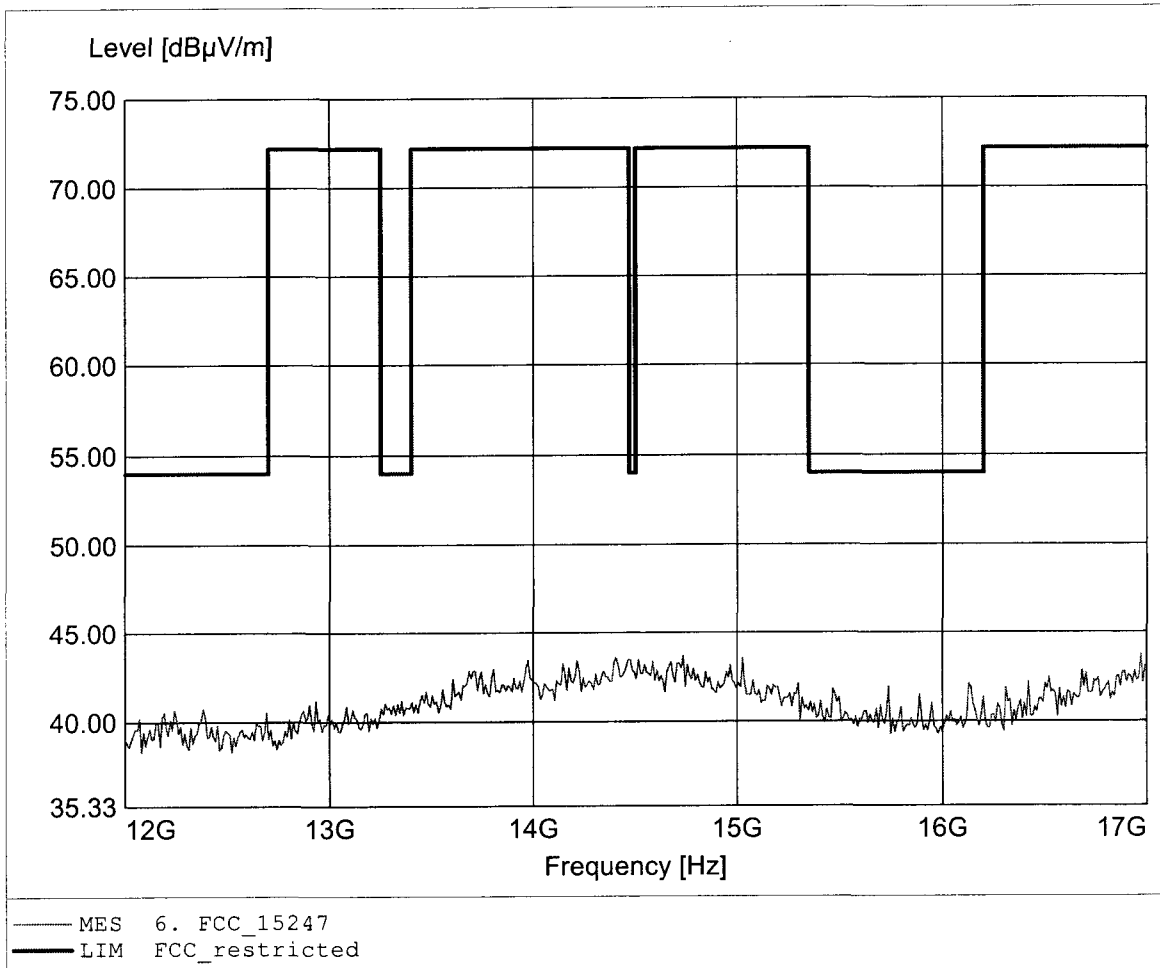
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.998GHz, Emax: 42.23dB $\mu$ V/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

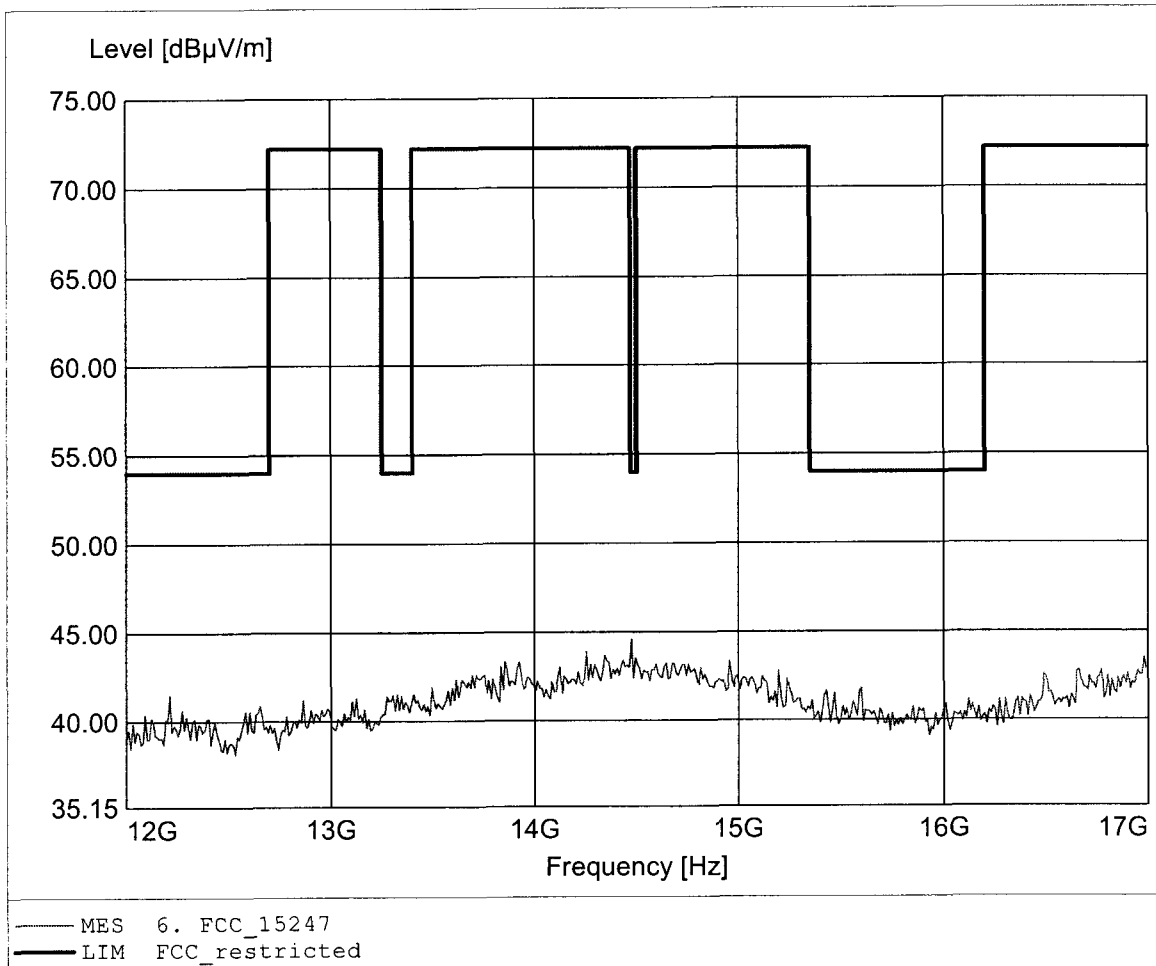
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 16.970GHz, Emax: 43.74dBμV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

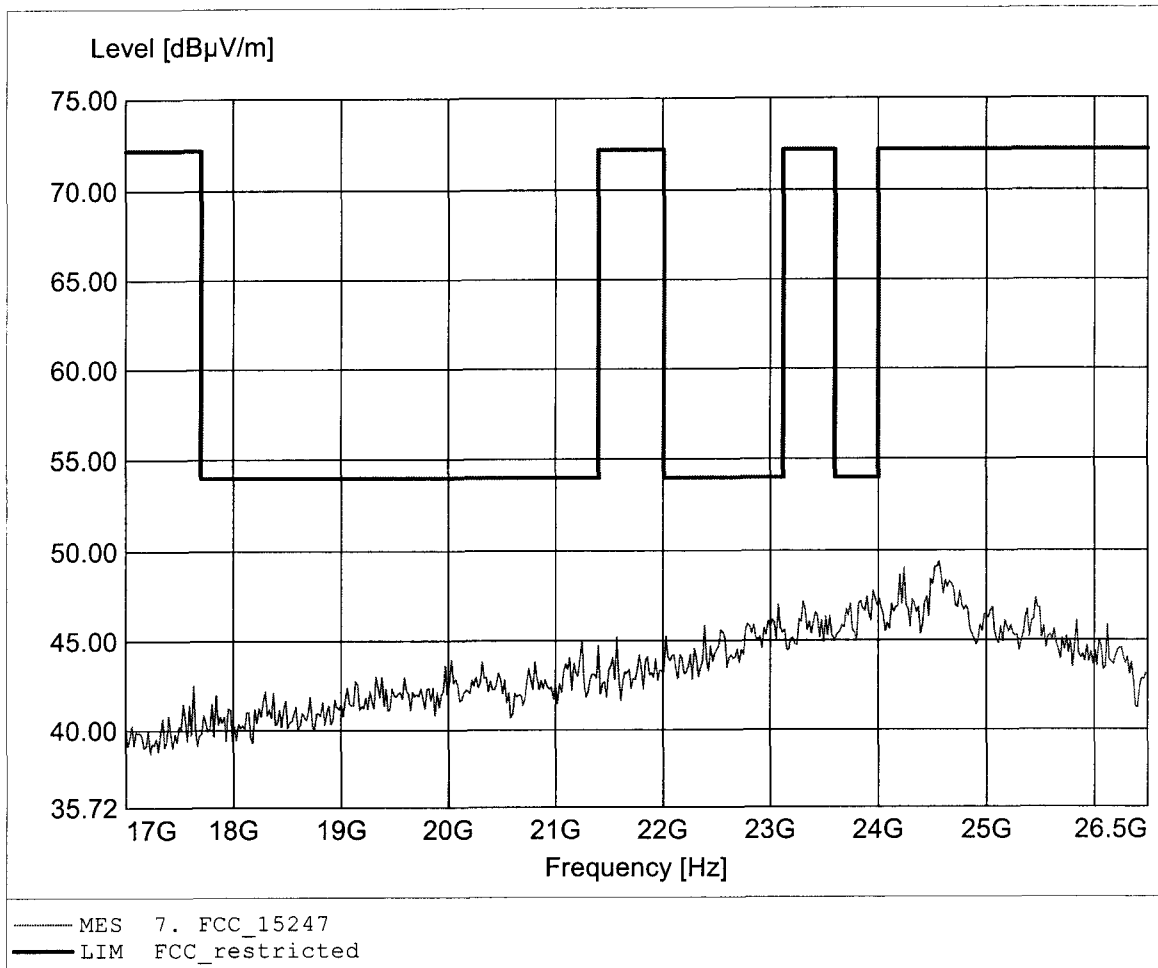
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.475GHz, Emax: 44.58dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

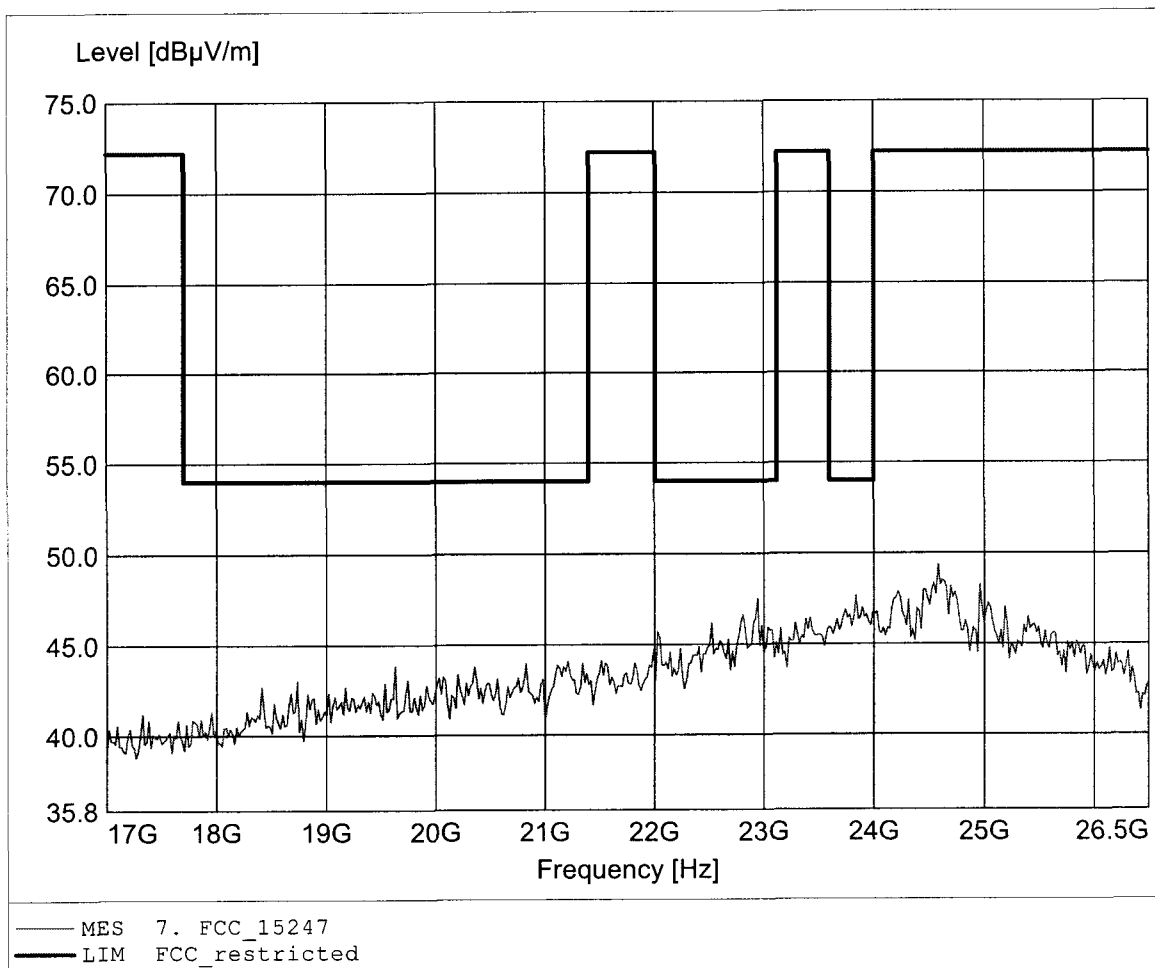
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.558GHz, Emax: 49.39dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2441 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.577GHz, Emax: 49.39dBμV/m, RBW: 1MHz

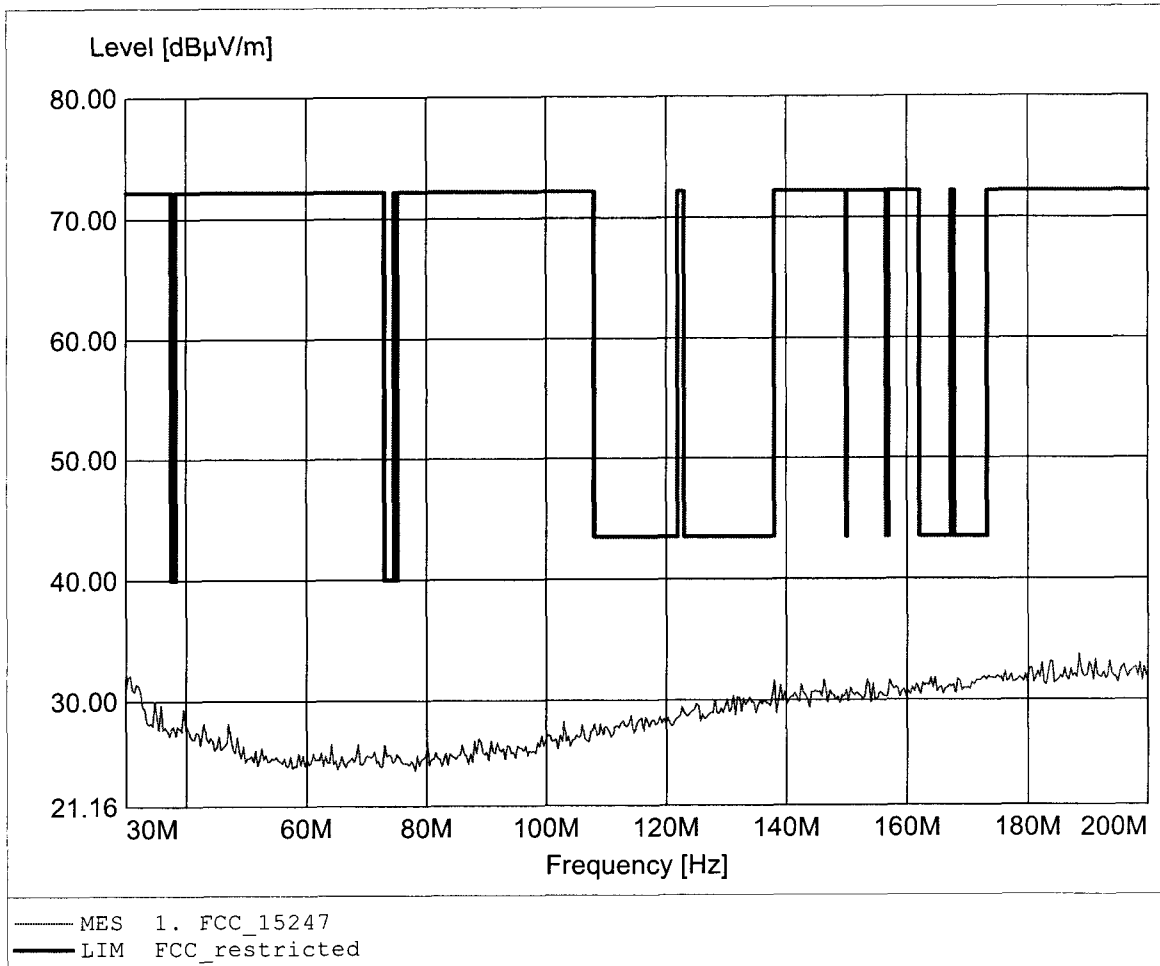




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

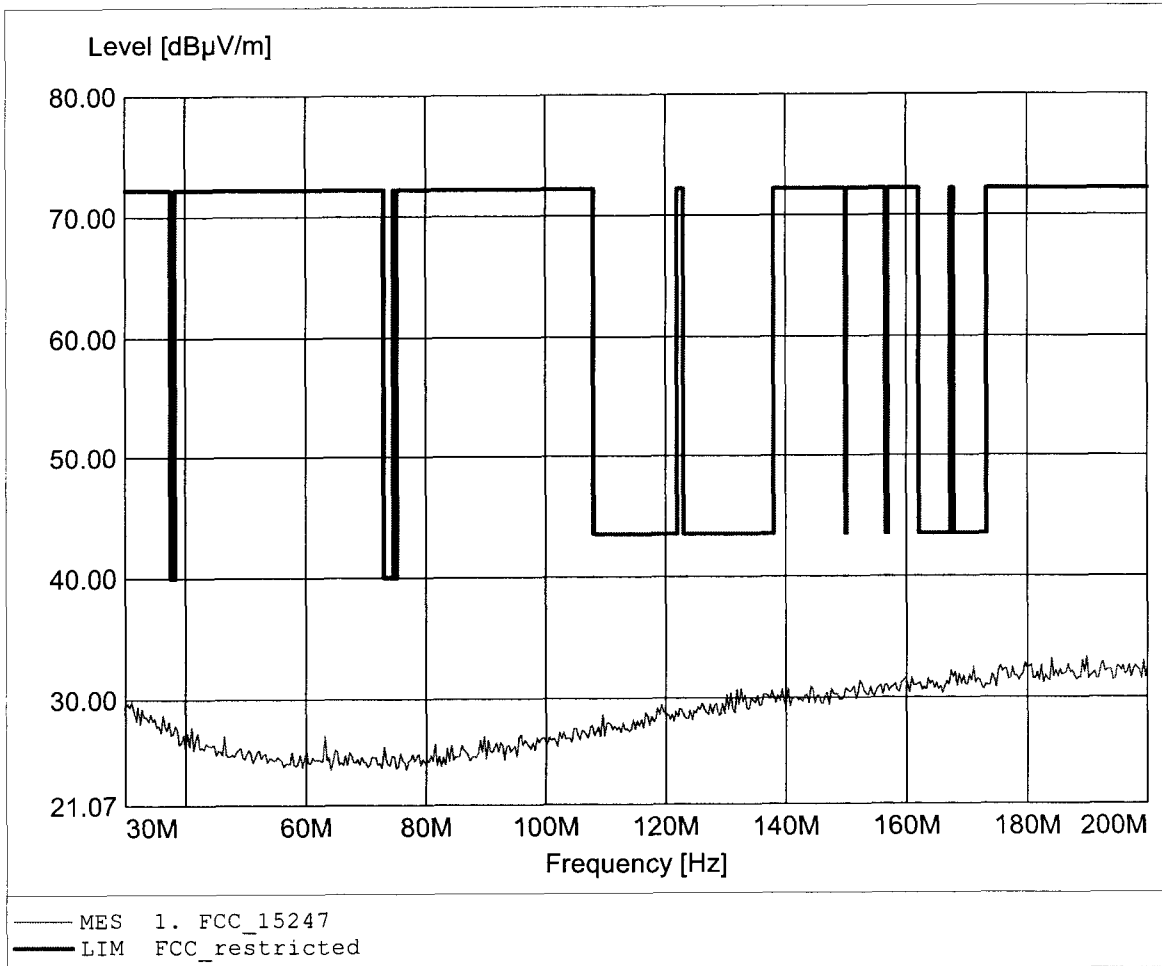
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 188.417MHz, Emax: 33.76dBµV/m, REW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

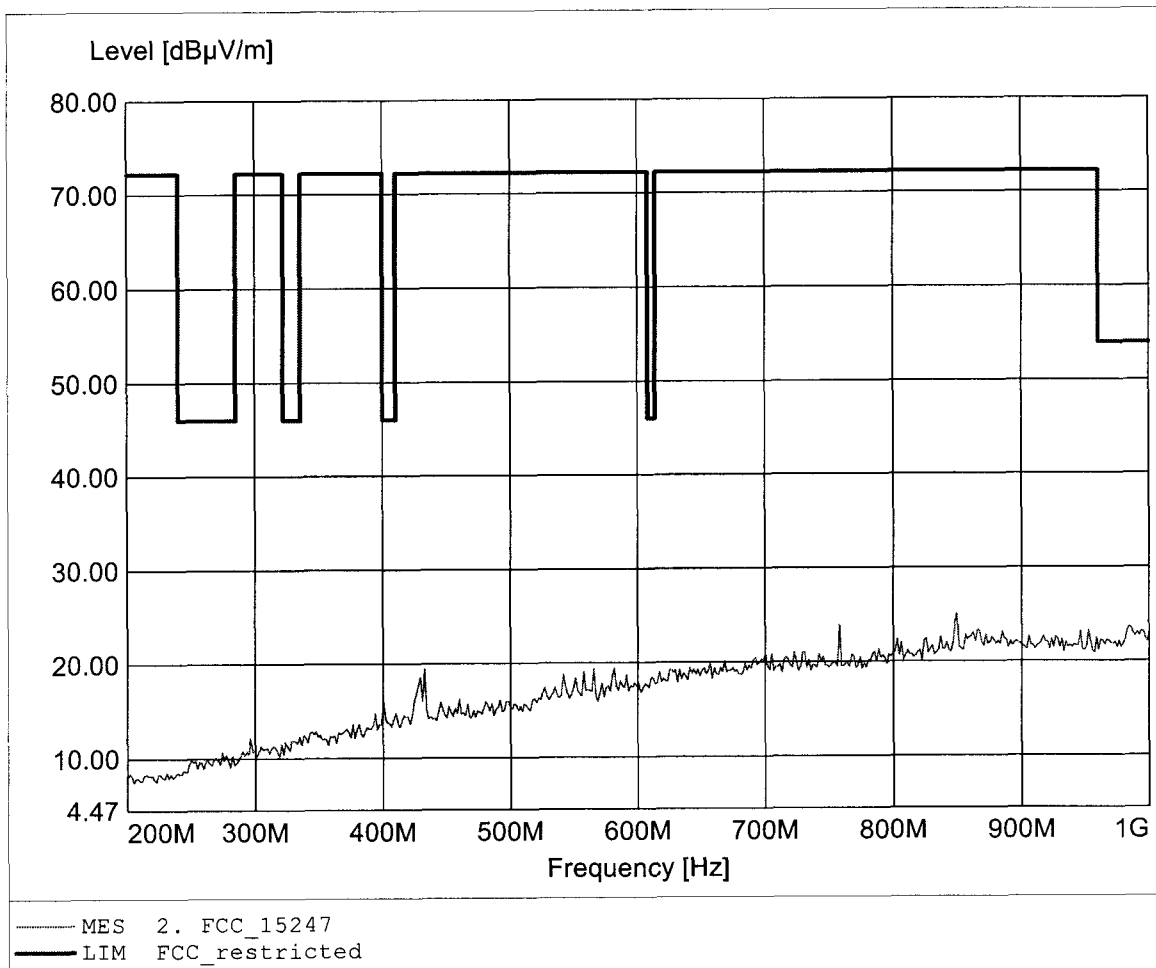
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 189.780MHz, Emax: 33.38dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

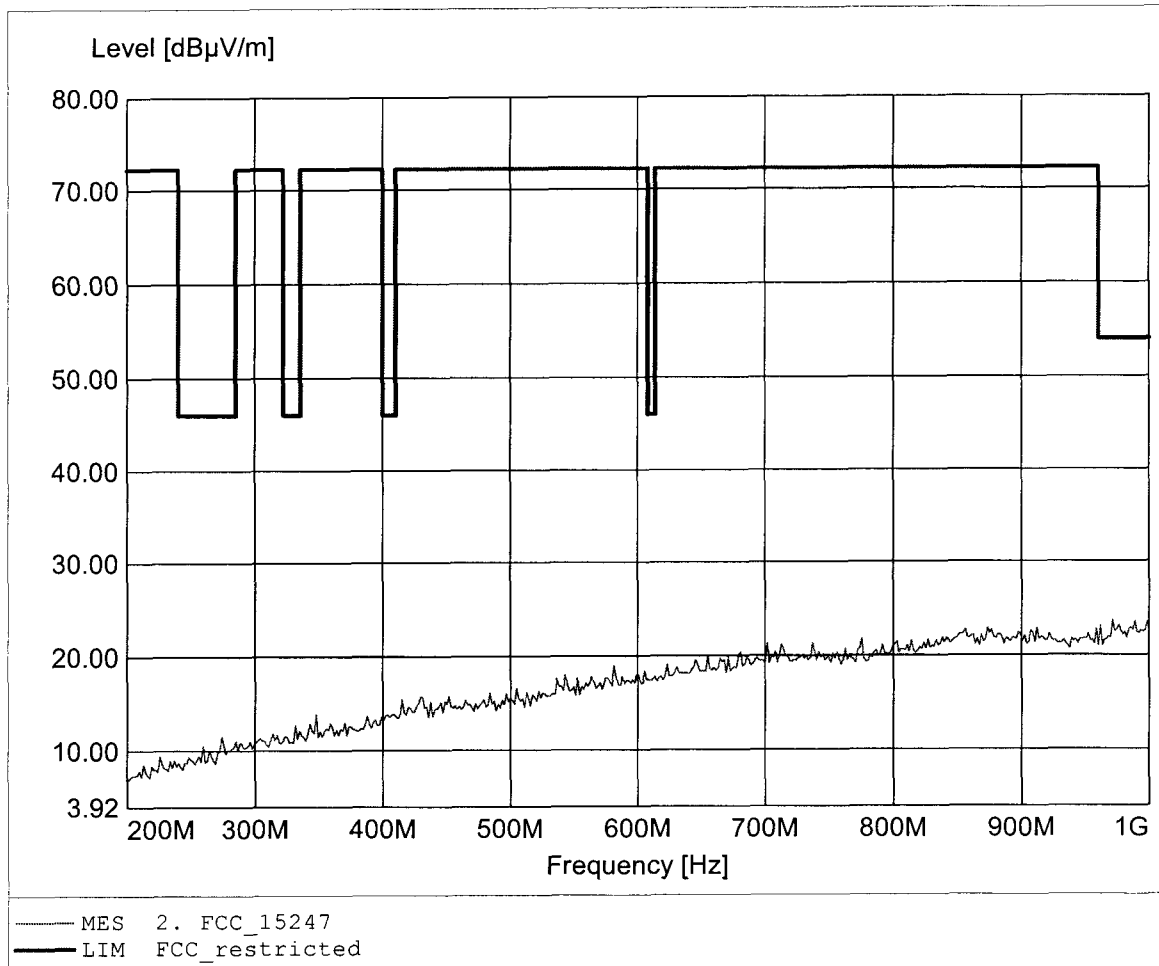
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 849.299MHz, Emax: 25.05dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

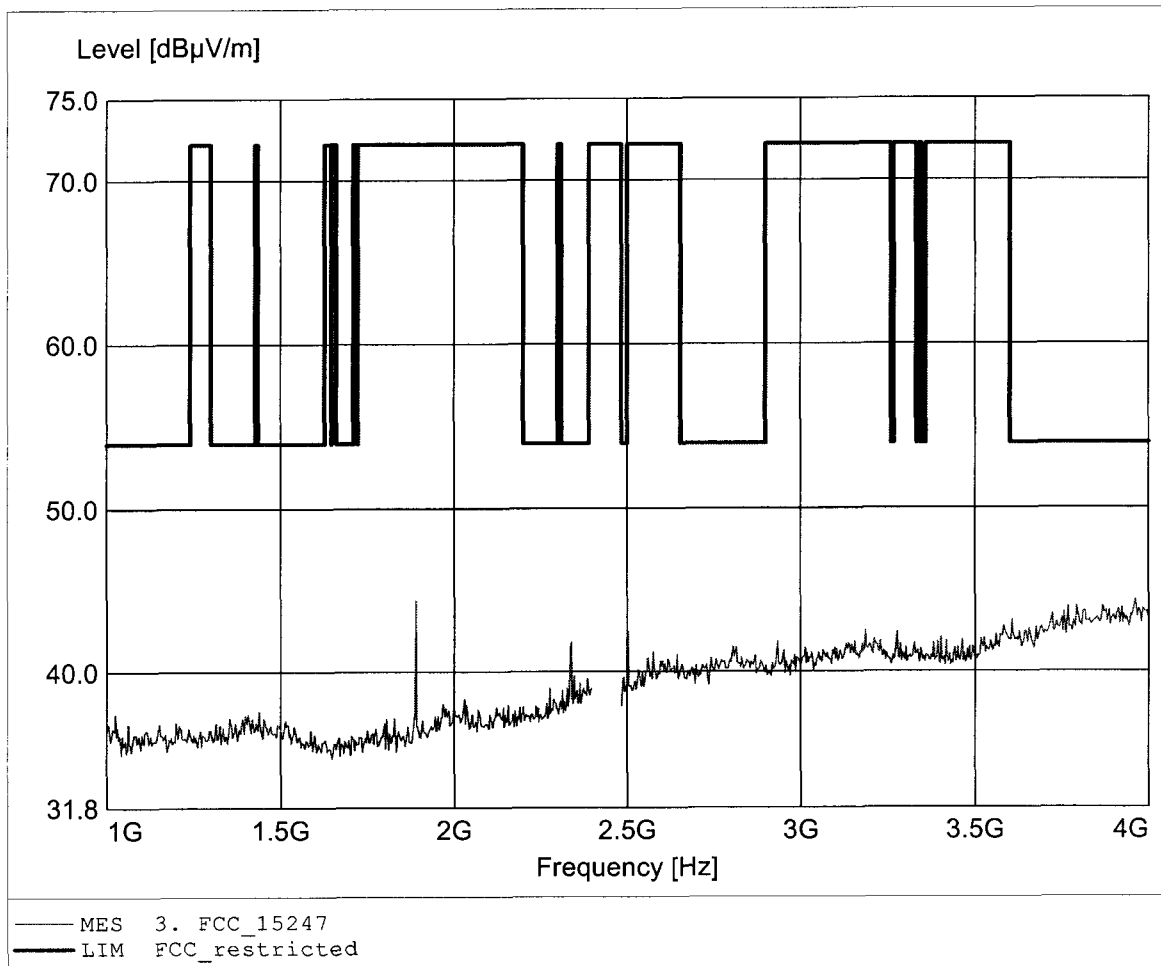
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 971.142MHz, Emax: 23.68dBµV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

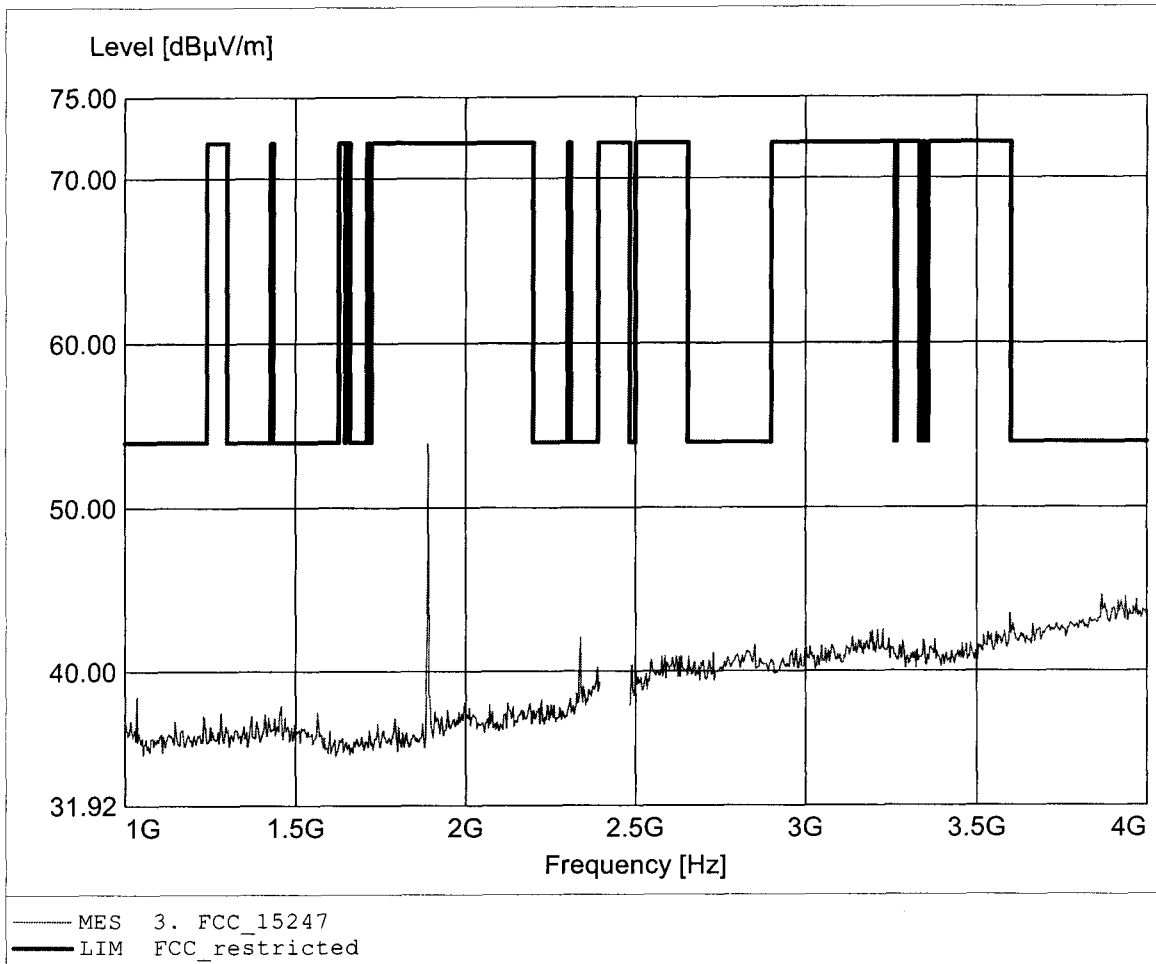
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.889GHz, Emax: 44.38dB $\mu$ V/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

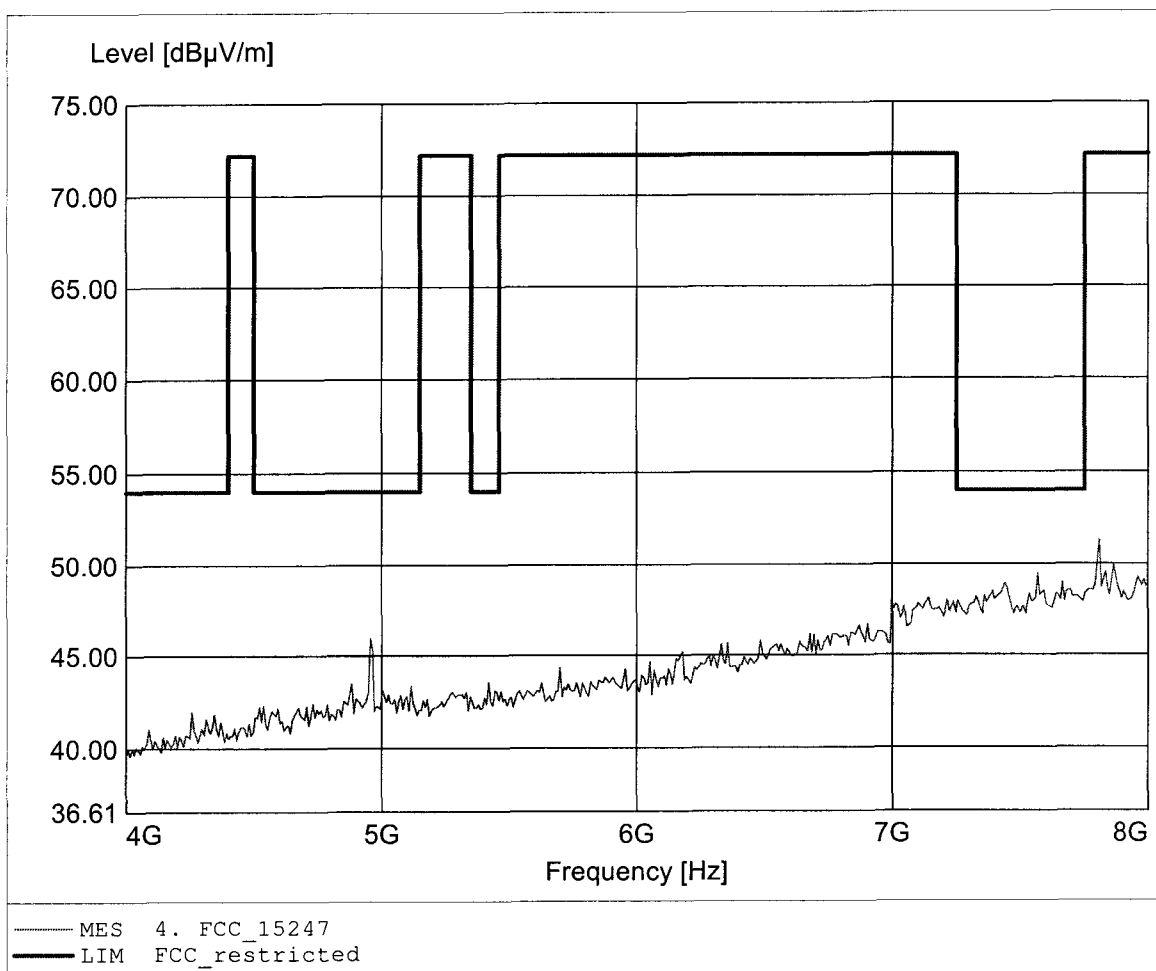
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.889GHz, Emax: 53.93dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

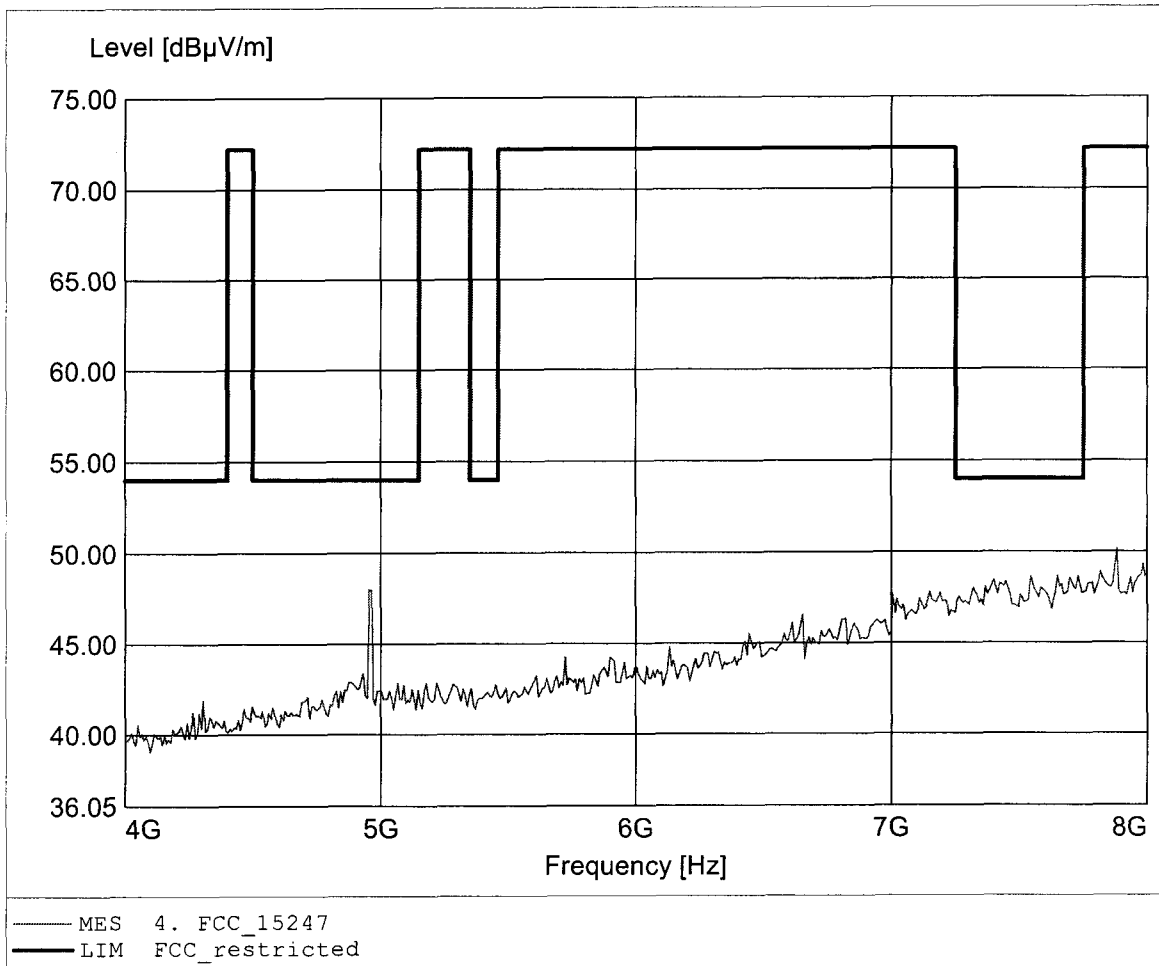
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.808GHz, Emax: 51.35dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.880GHz, Emax: 50.17dBµV/m, RBW: 1MHz

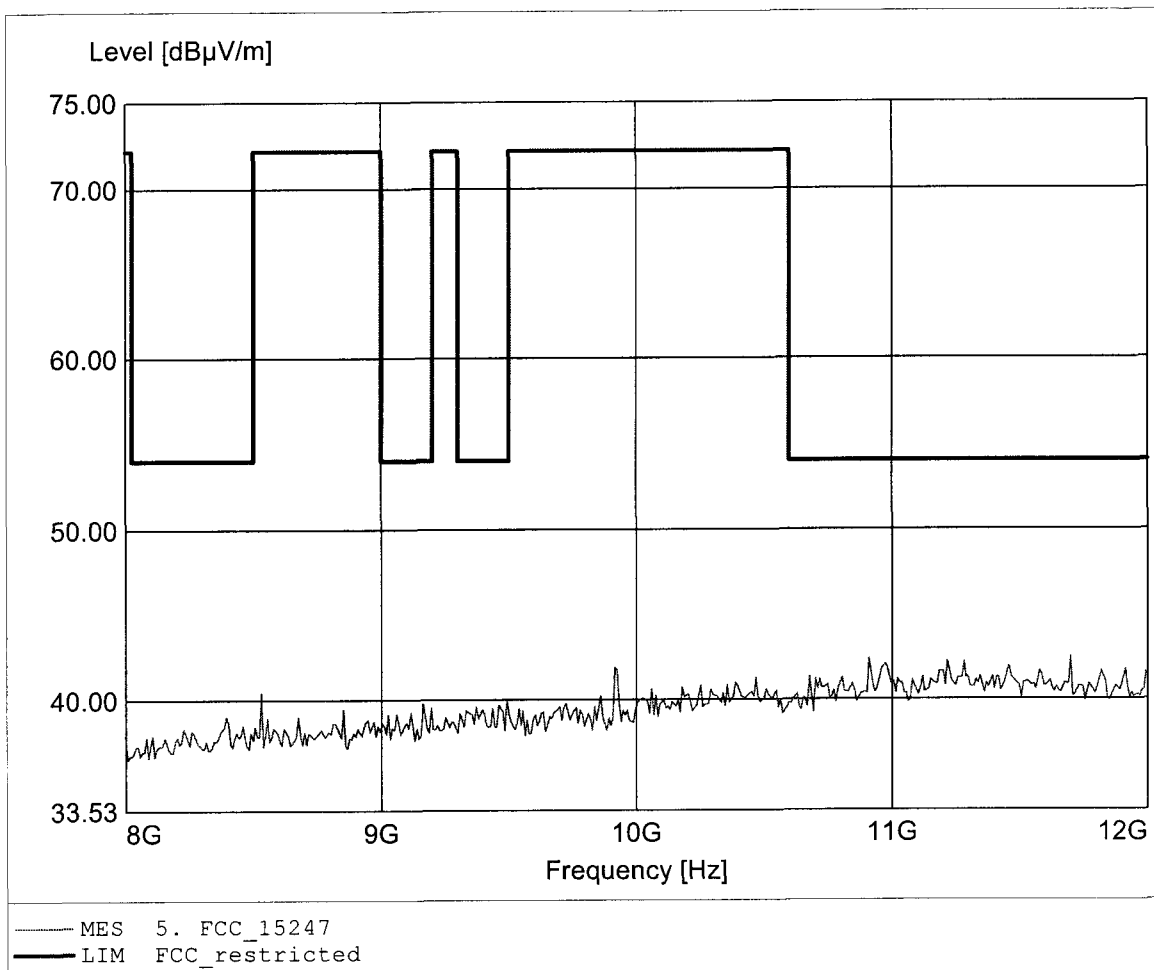




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

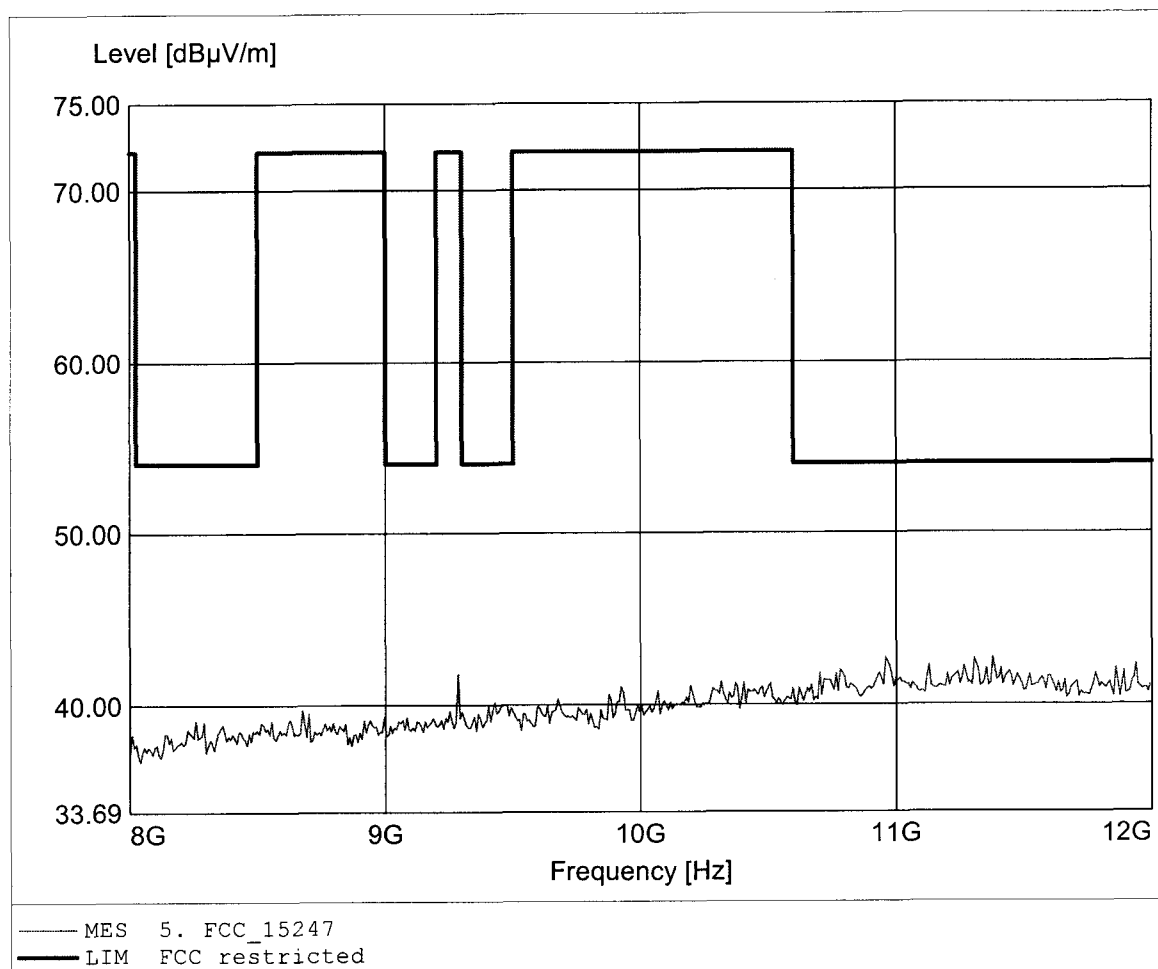
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.695GHz, Emax: 42.52dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

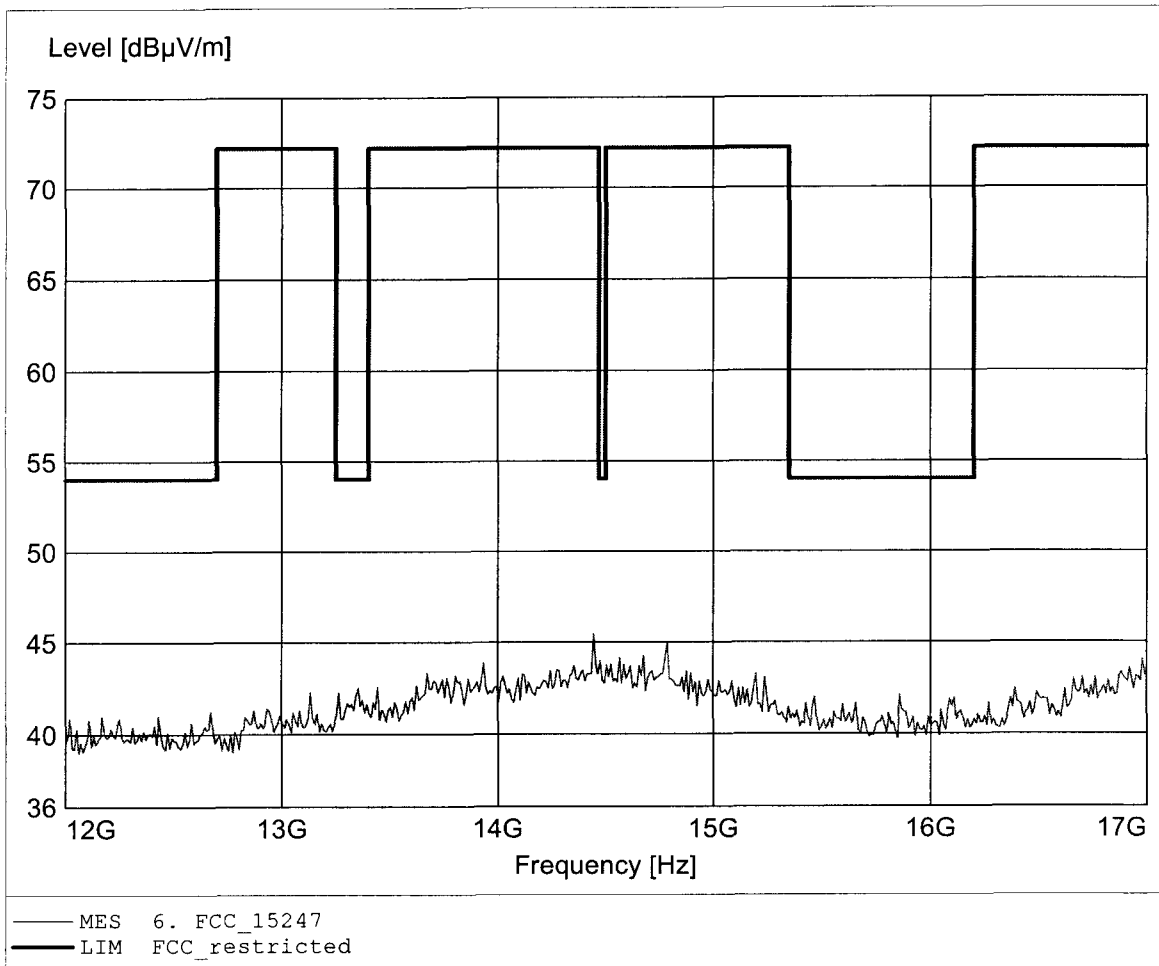
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.958GHz, Emax: 42.74dB $\mu$ V/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

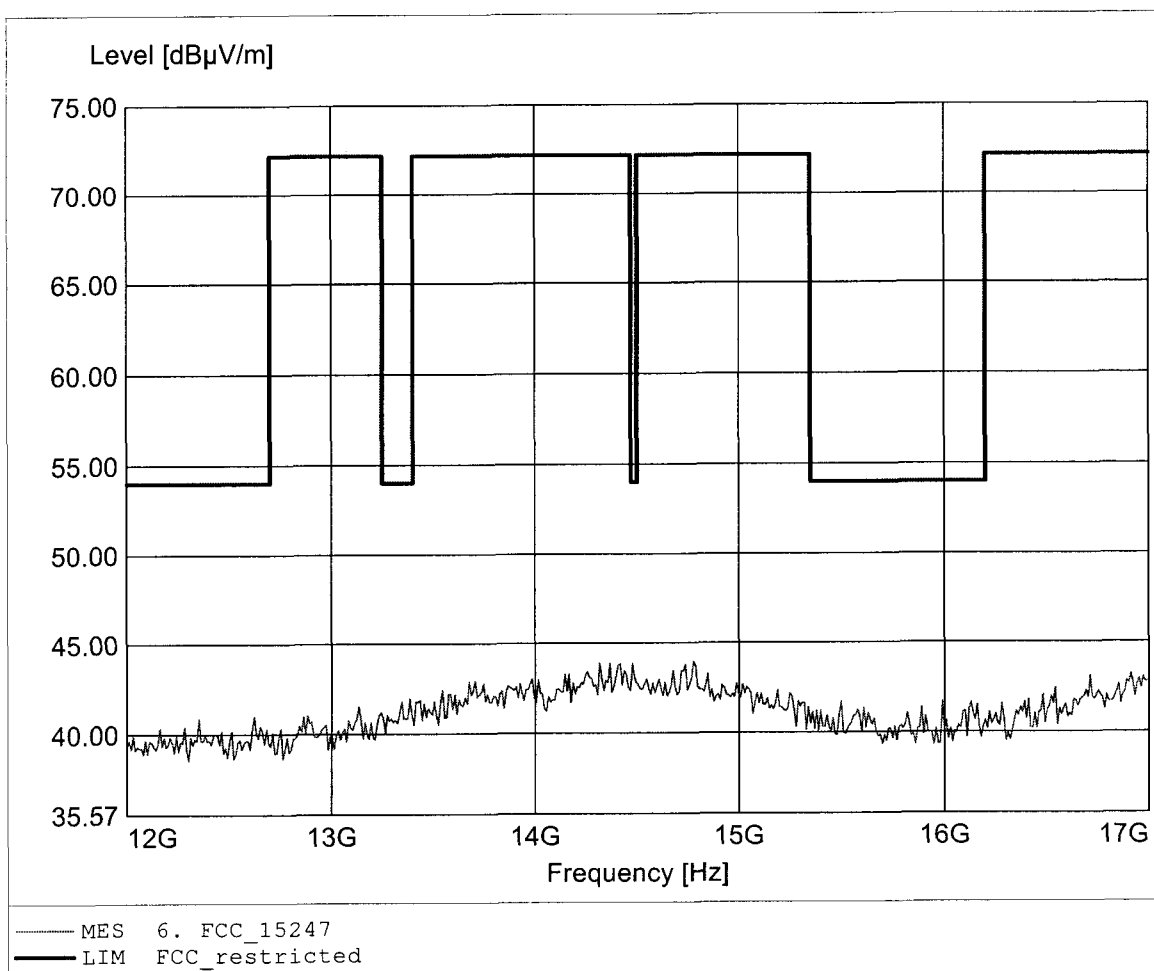
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.445GHz, Emax: 45.46dB $\mu$ V/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

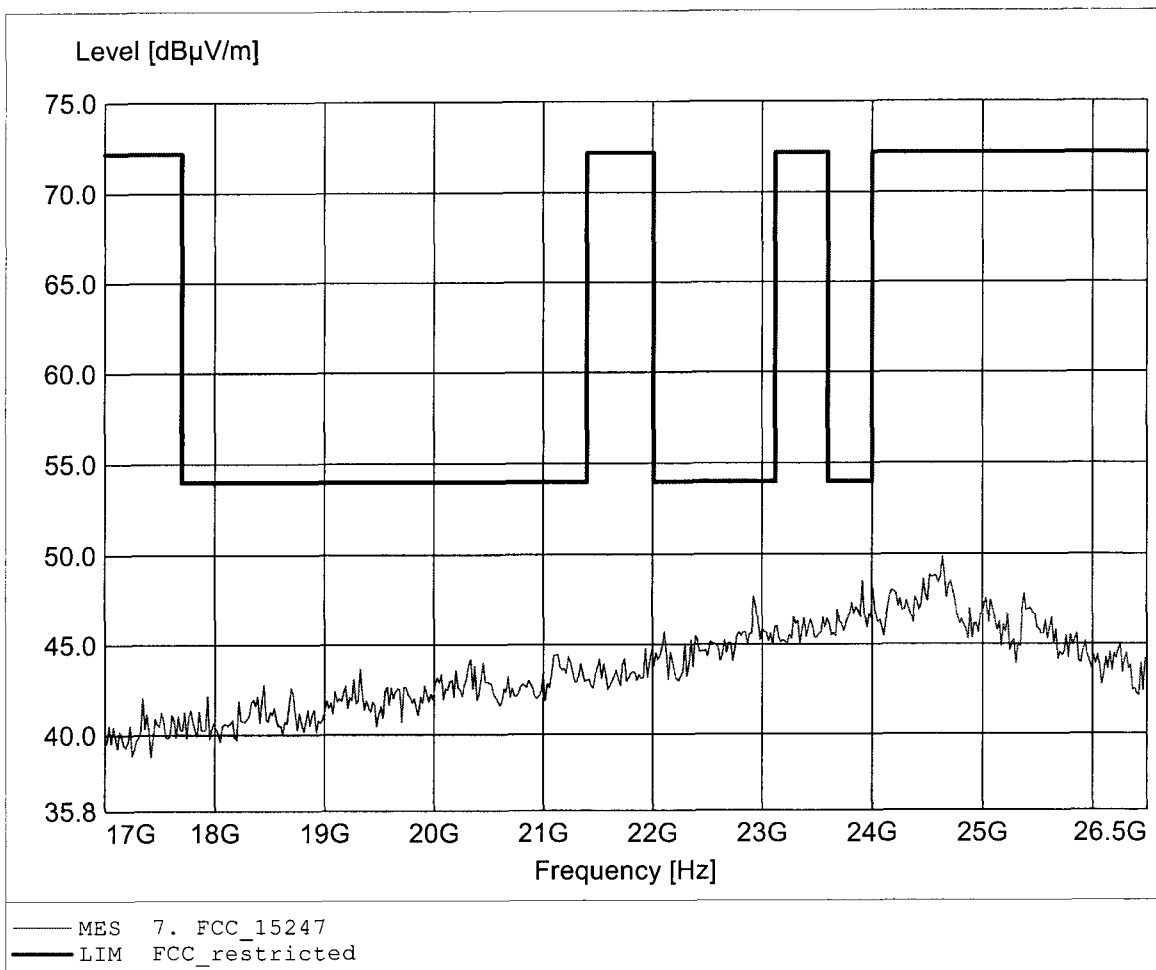
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.776GHz, Emax: 43.98dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

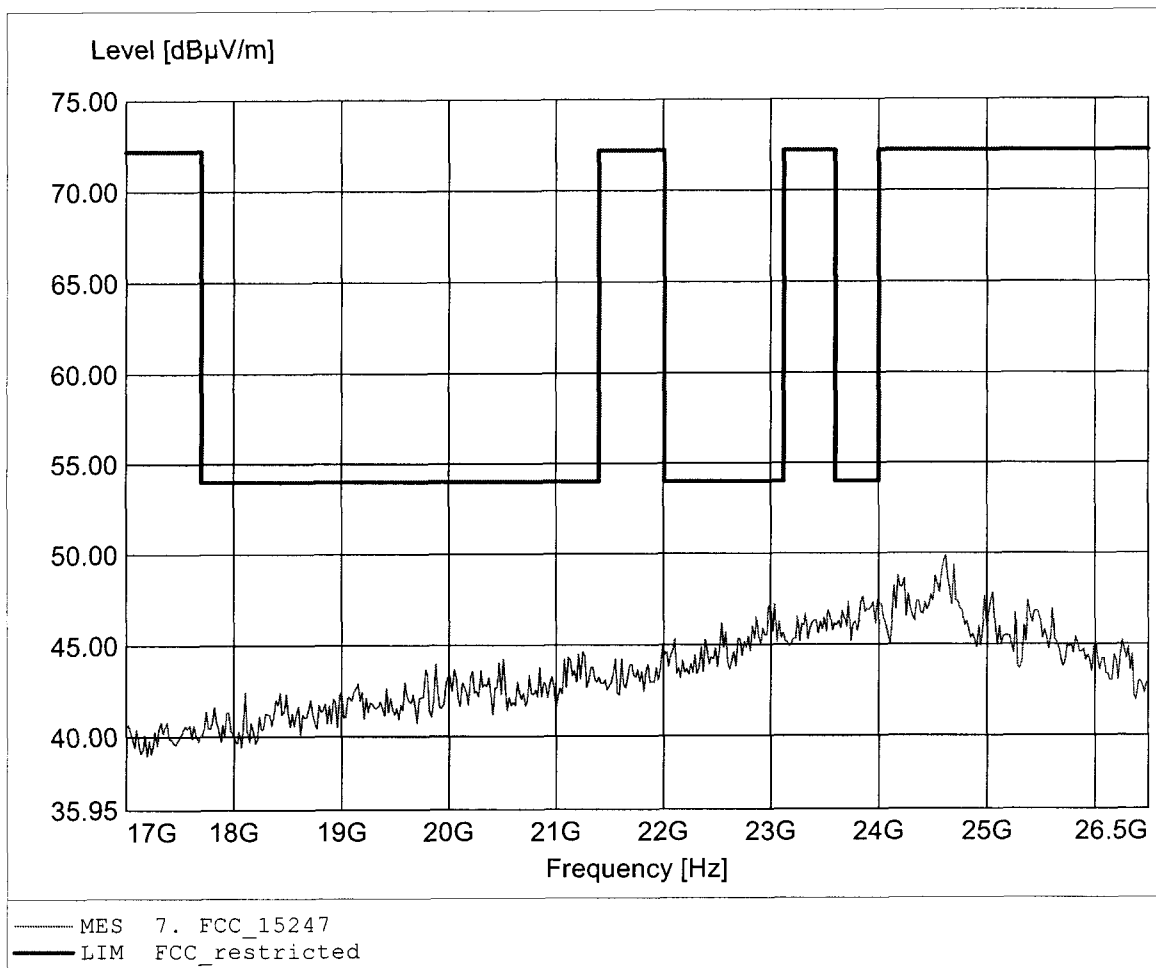
Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.634GHz, Emax: 49.86dBμV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

Approval Holder : Pantech Co., Ltd.  
EUT : UMTS GSM phone  
Model: C600 / 2480 MHz  
Test Site / Operator: eurofins ETS Product Service GmbH / Mr. Handrik  
Test Condition: 25°C / Unom: 4.0 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 24.615GHz, Emax: 49.86dBμV/m, RBW: 1MHz



## Appendix J

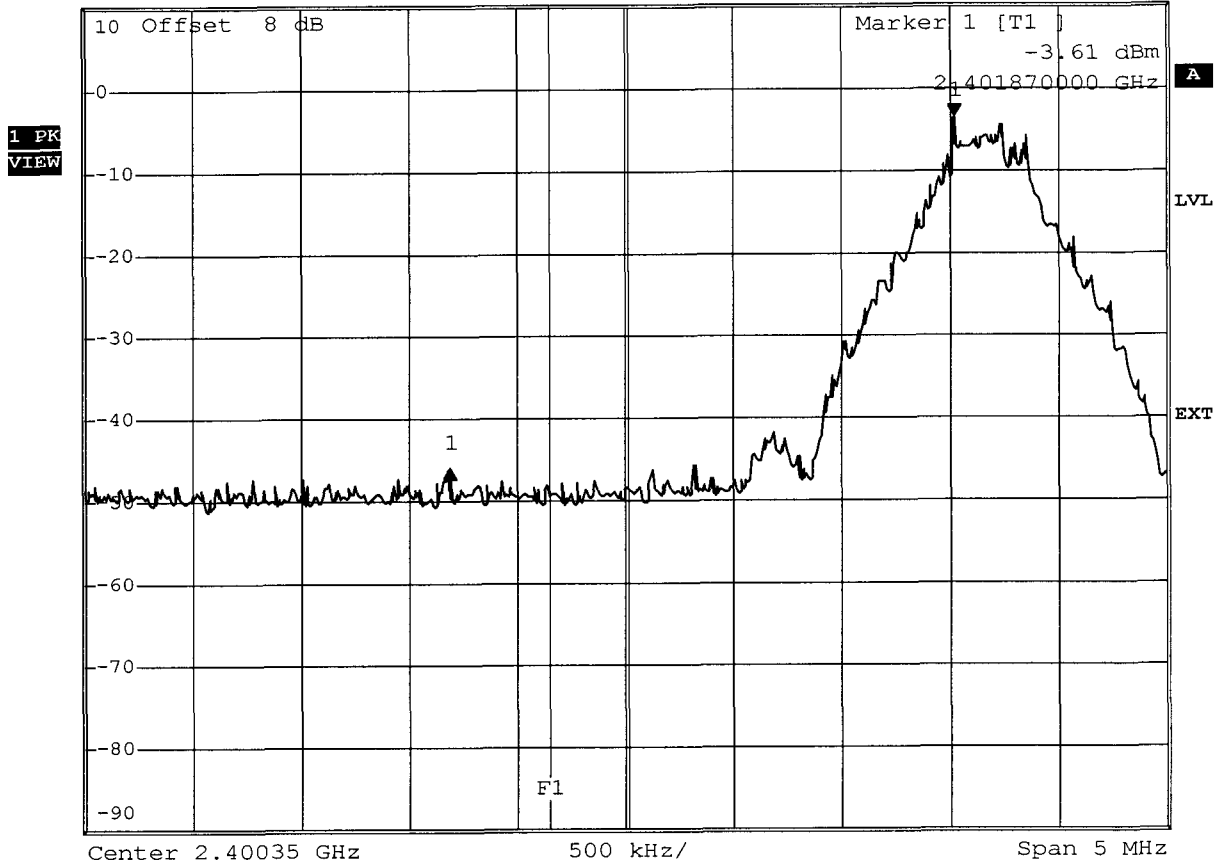
Band-edge compliance

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

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	euofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Single frequency mode



\*RBW 30 kHz    Delta 1 [T1 ]  
 \*VBW 30 kHz    -42.54 dB  
 Ref 10 dBm    Att 40 dB    SWT 15 ms    -2.330000000 MHz



Comment: Limit: Marker Delta value >20 dB; Result: PASS  
 Date: 10.JAN.2008 10:45:57

Measurement diagram

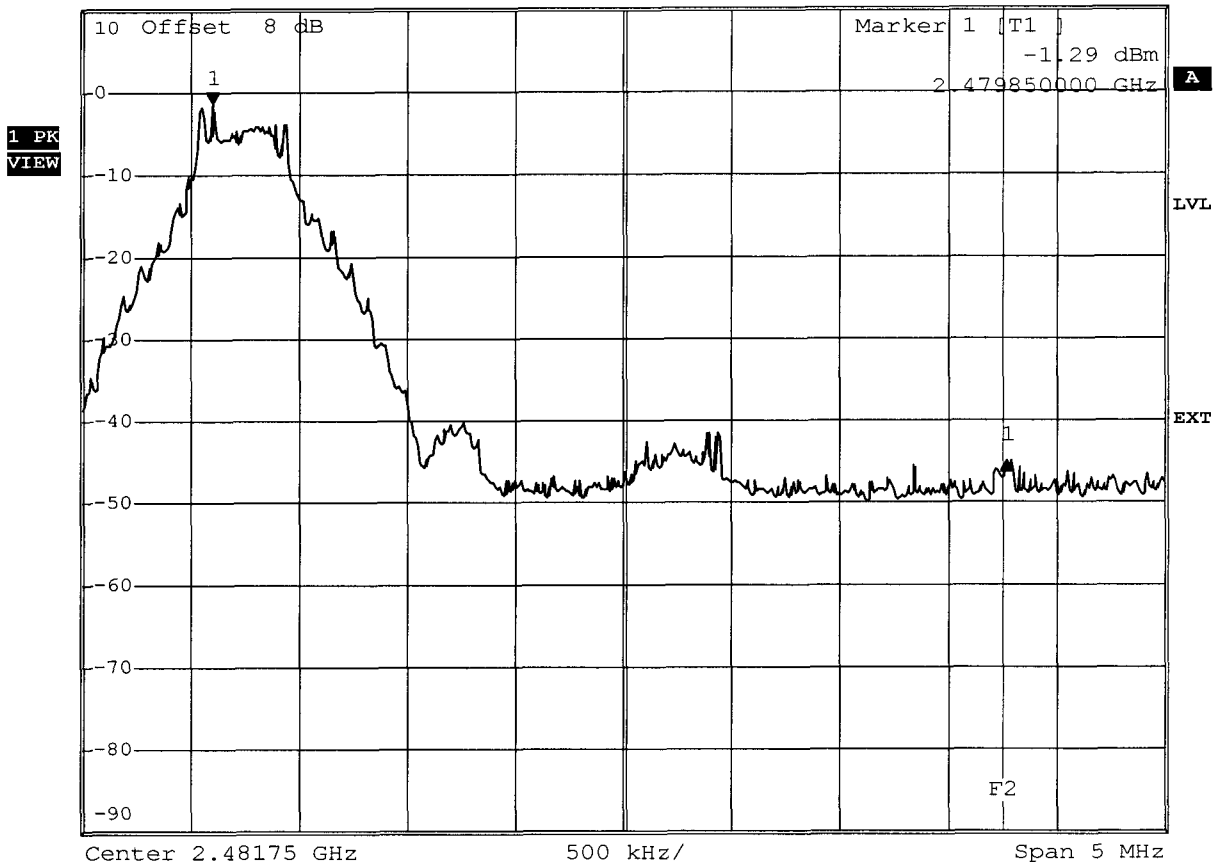


**FCC part 15.247**  
**Band-edge compliance of RF conducted emissions**

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	euofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	Single frequency mode



\*RBW 30 kHz Delta 1 [T1 ]  
 \*VBW 30 kHz -43.58 dB  
 Ref 10 dBm Att 40 dB SWT 15 ms 3.670000000 MHz

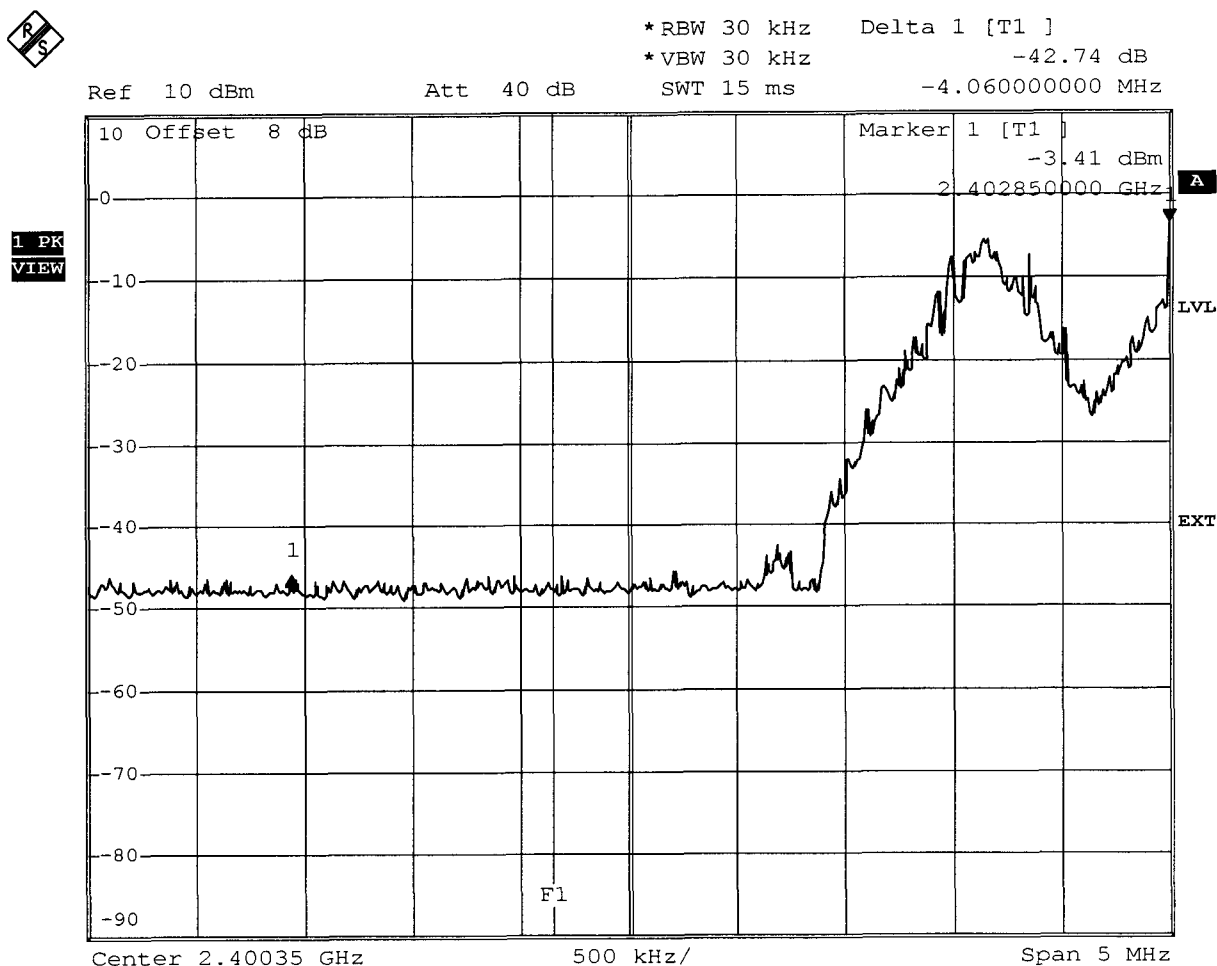


Comment: Limit: Marker Delta value >20 dB; Result: PASS  
 Date: 10.JAN.2008 10:48:02

Measurement diagram

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

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Hopping mode

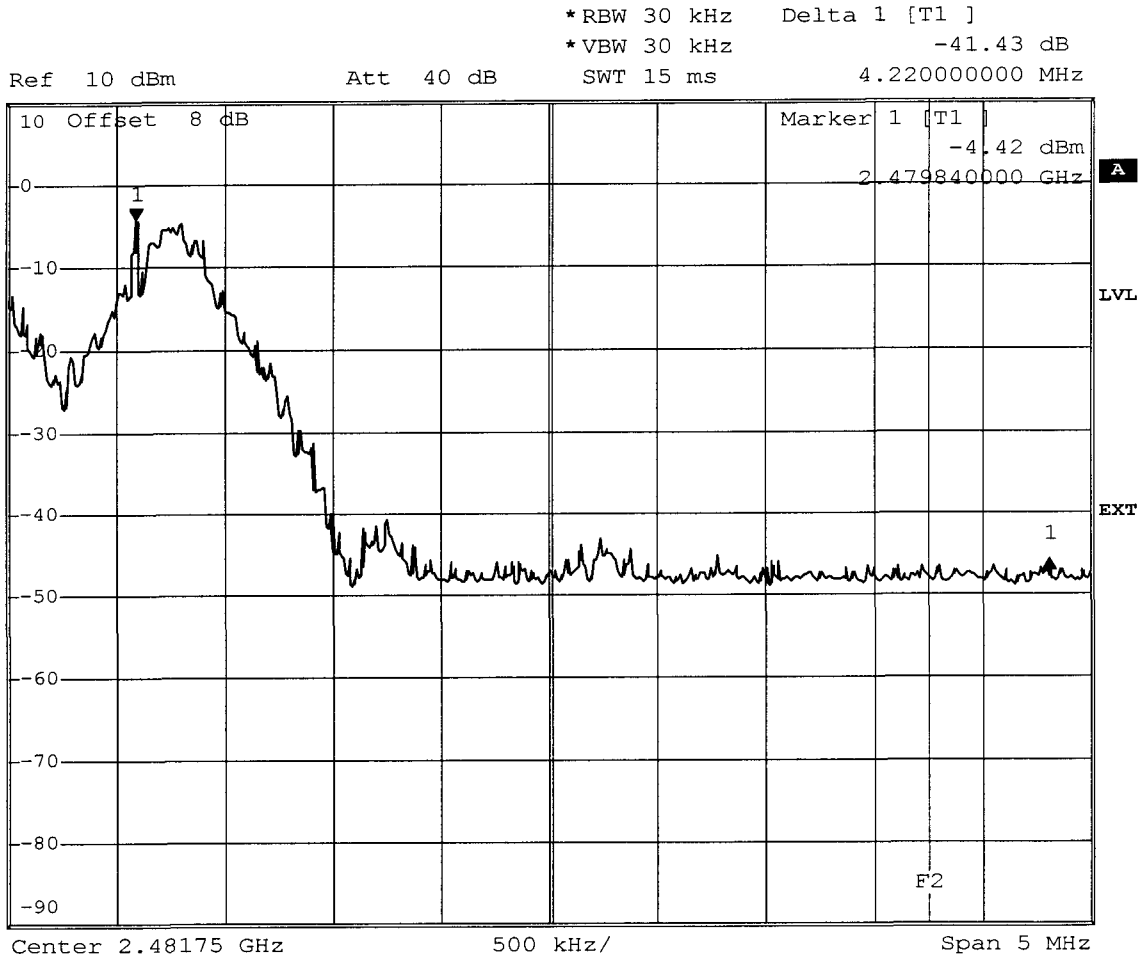


Comment: Limit: Marker Delta value >20 dB; Result: PASS  
 Date: 10.JAN.2008 11:16:30

Measurement diagram

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

EUT	UMTS GSM phone
Model	C600
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	24°C / Unom
Test Site / Operator	eurofins ETS Product Service GmbH / Mr. Hoppe
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	Hopping mode



Comment: Limit: Marker Delta value >20 dB; Result: PASS  
 Date: 10.JAN.2008 10:53:21

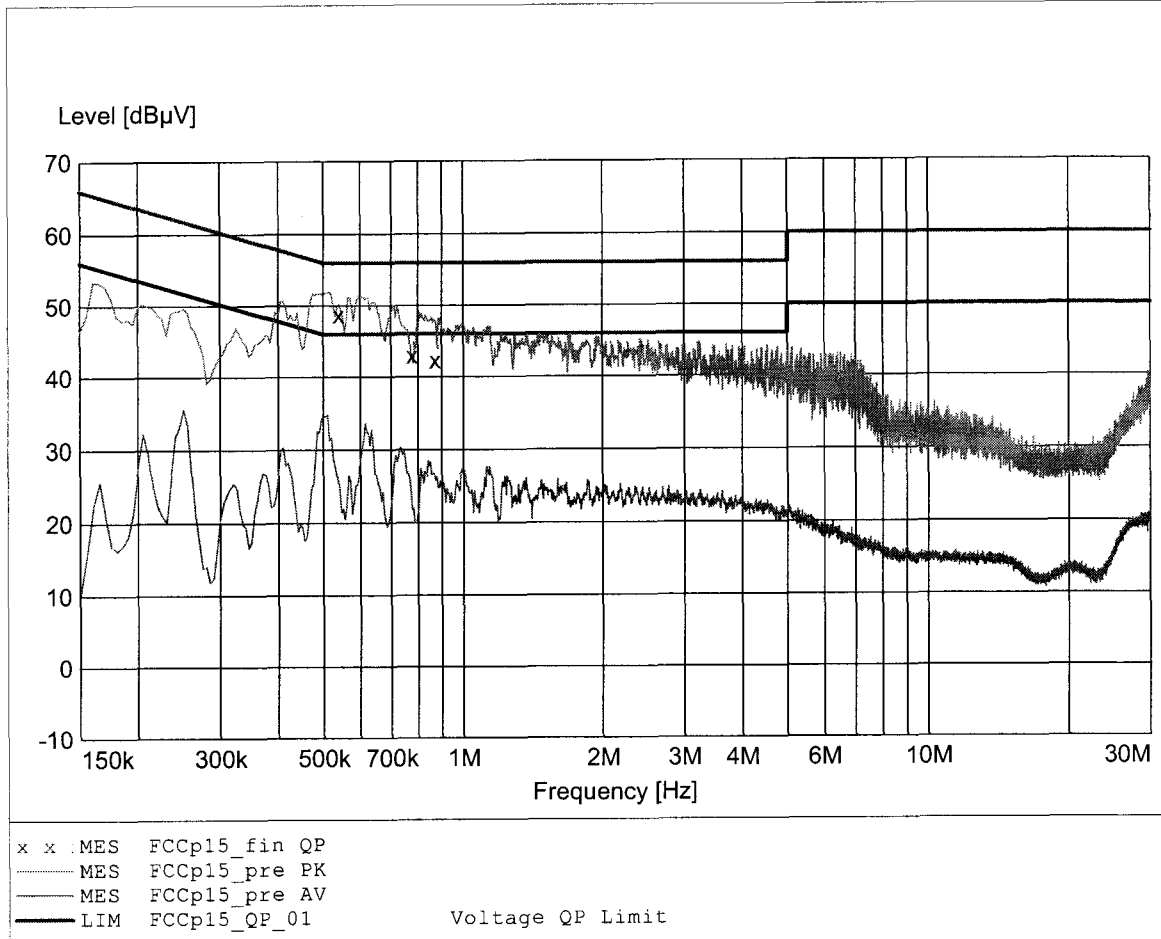
Measurement diagram

## Appendix K

AC power line conducted emissions

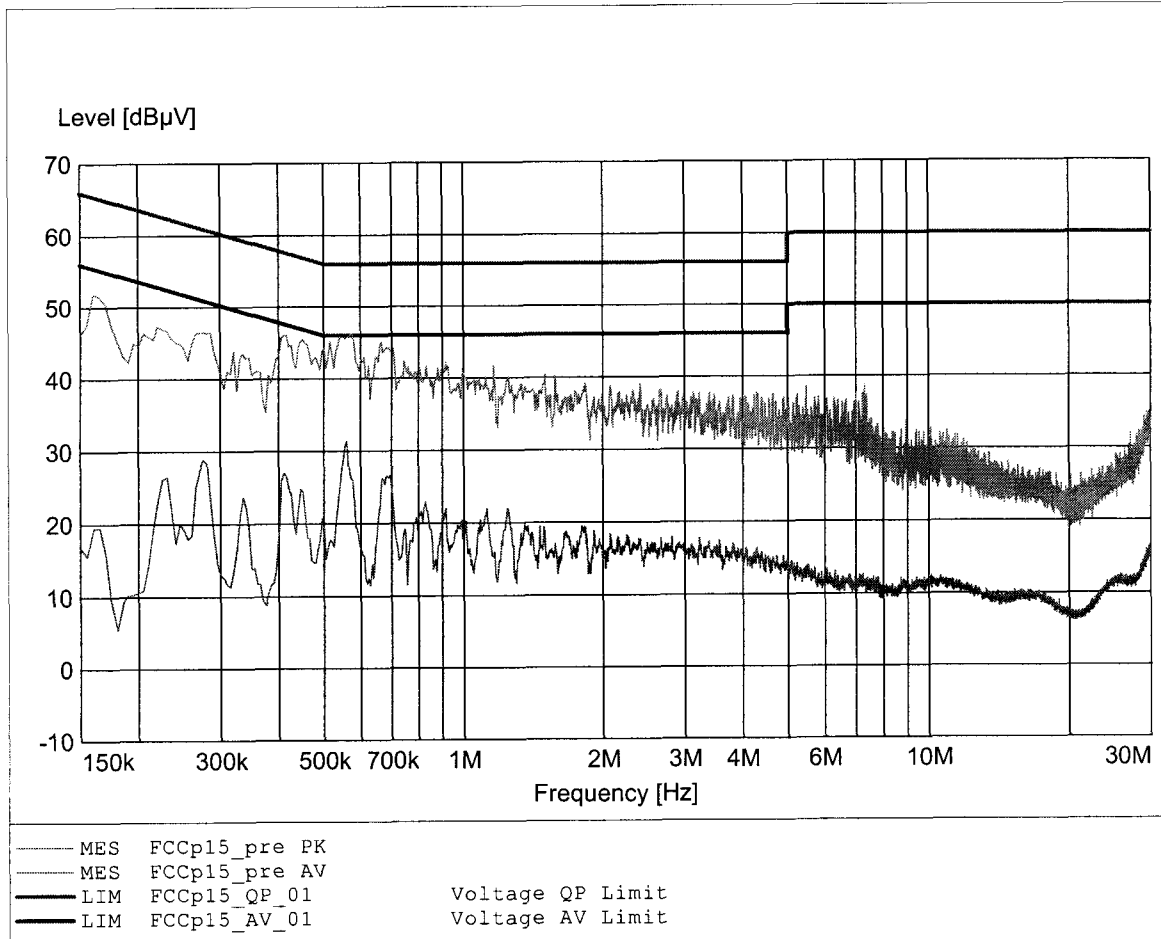
**EMI voltage test in the ac-mains according to FCC part 15**

EUT: UMTS GSM phone  
 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120 VAC (AC/DC adaptor), Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: C600  
 mode: GSM850-link, pcl 5, Bluetooth



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

EUT: UMTS GSM phone  
 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120 VAC (AC/DC adaptor), Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (N)  
 Comment: model: C600  
 mode: GSM850-link, pcl 5, Bluetooth



## Appendix L

Receiver radiated emissions