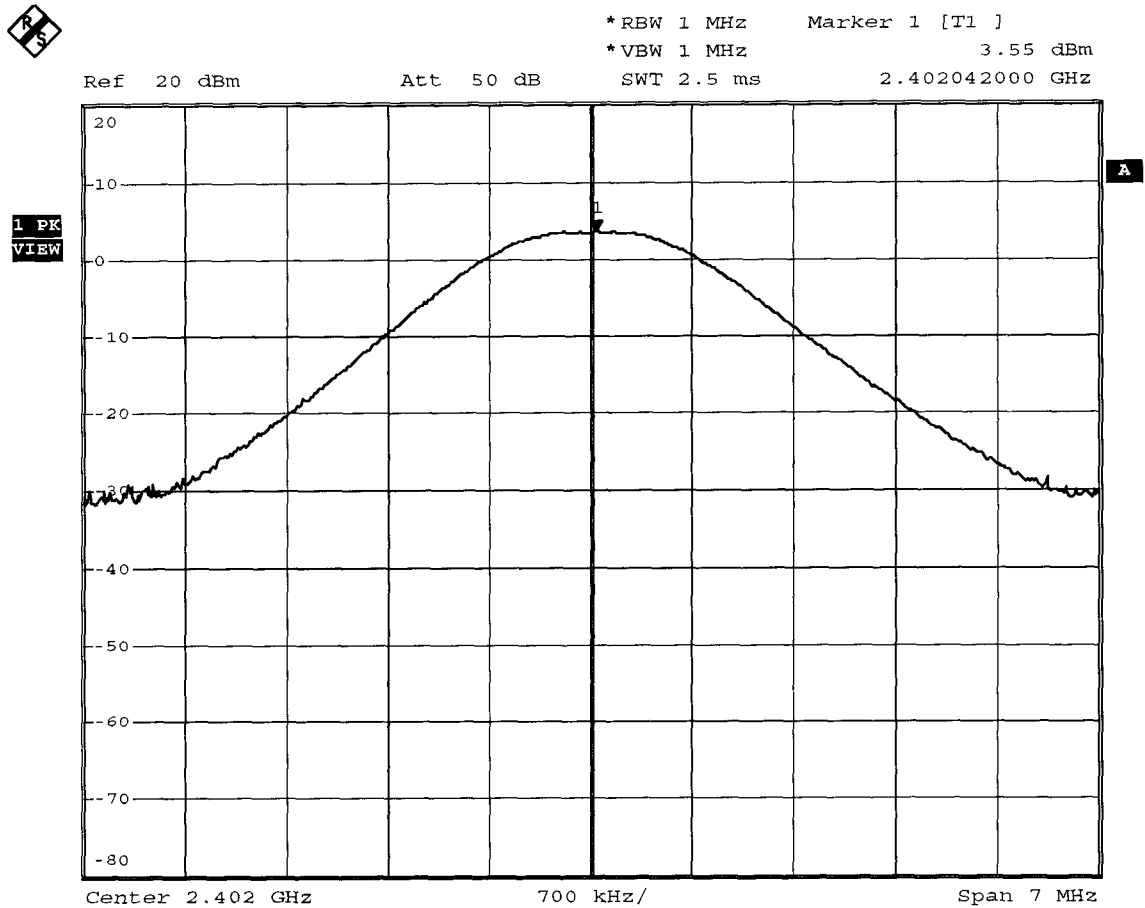


## Appendix B

RF power output conducted

FCC part 15.247  
Peak output power conducted

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	

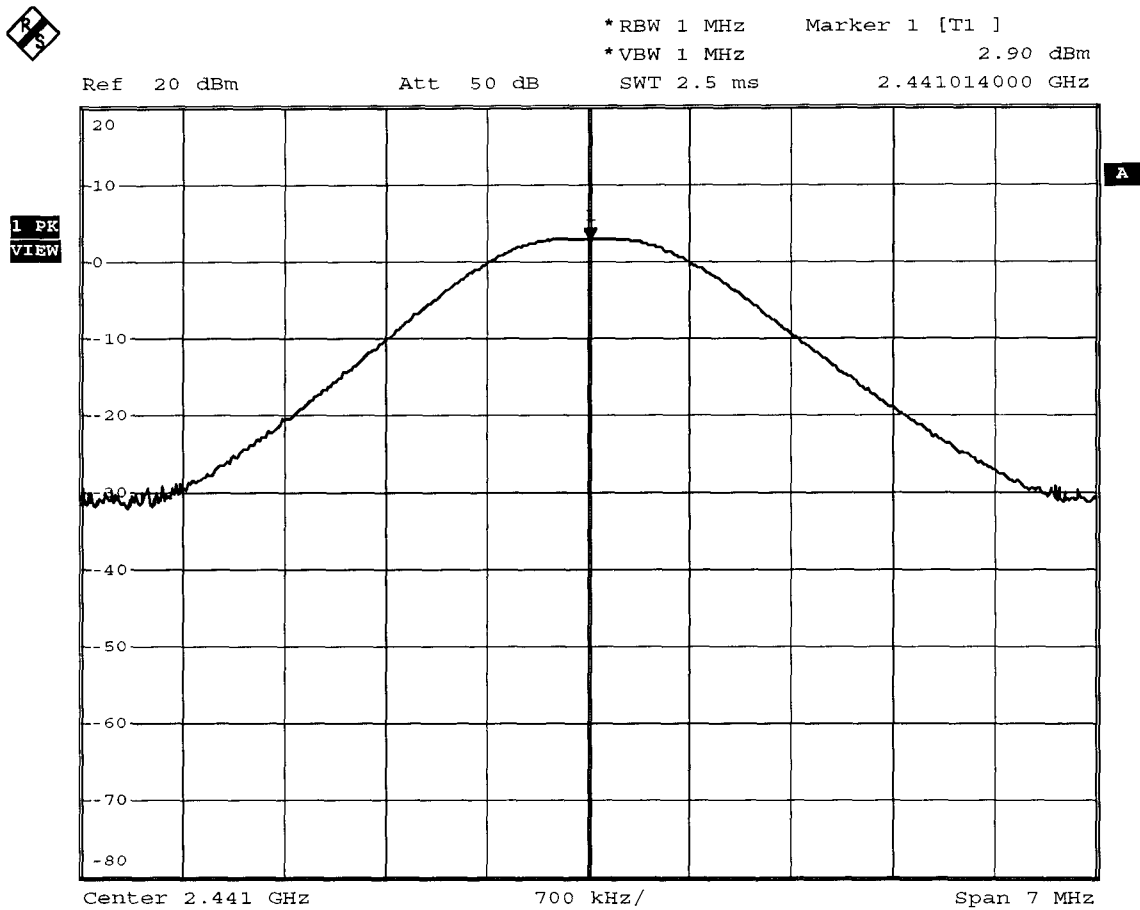


Comment: Output power=3.55 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:16:09

Measurement diagram

FCC part 15.247  
Peak output power conducted

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	

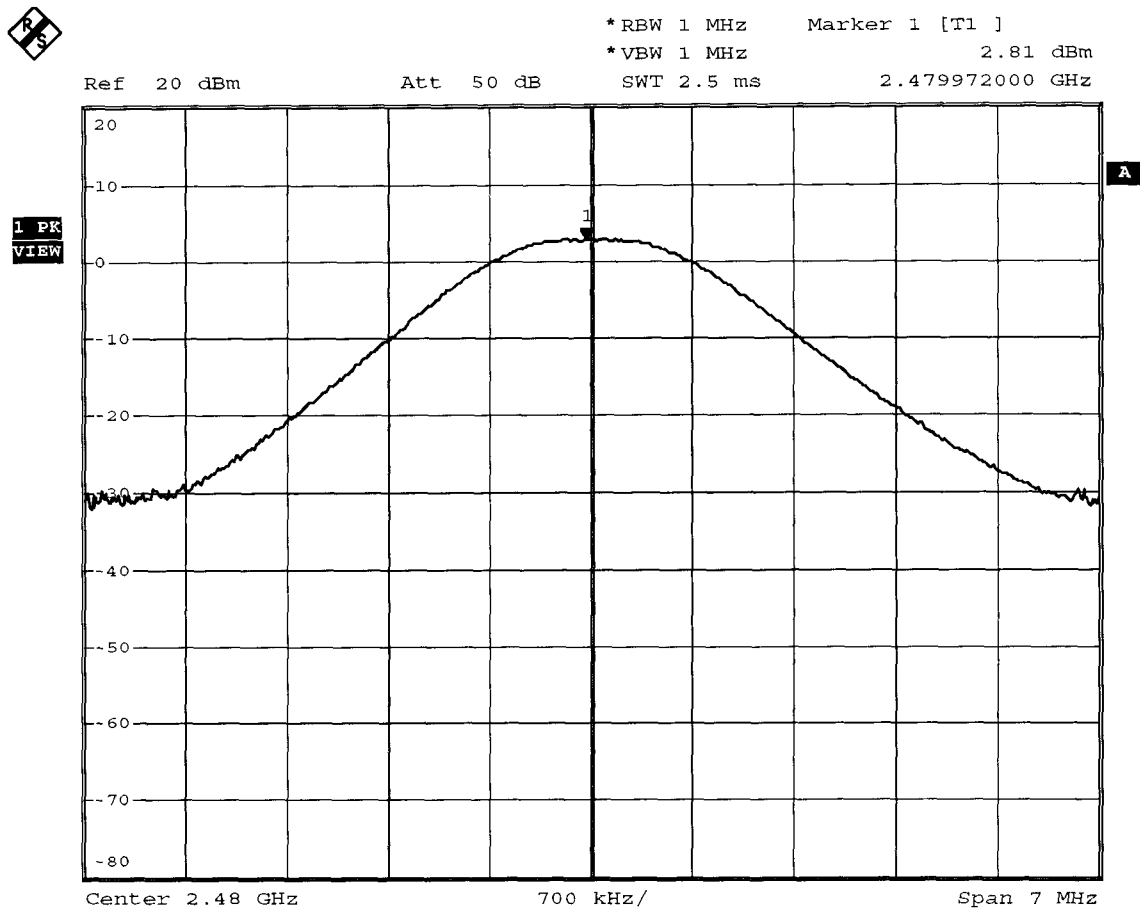


Comment: Output power=2.9 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:34:31

Measurement diagram

FCC part 15.247  
Peak output power conducted

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	

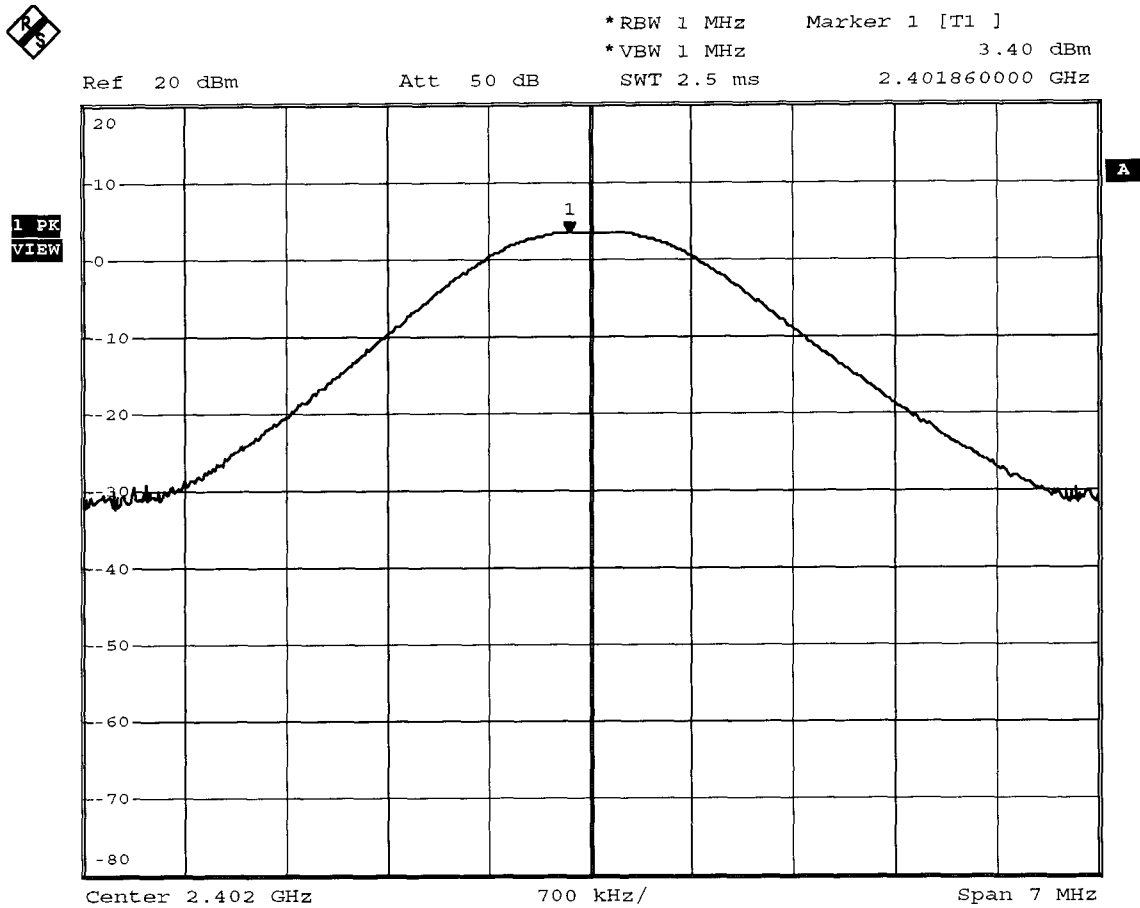


Comment: Output power=2.81 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:36:50

Measurement diagram

FCC part 15.247  
Peak output power conducted

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmin
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	

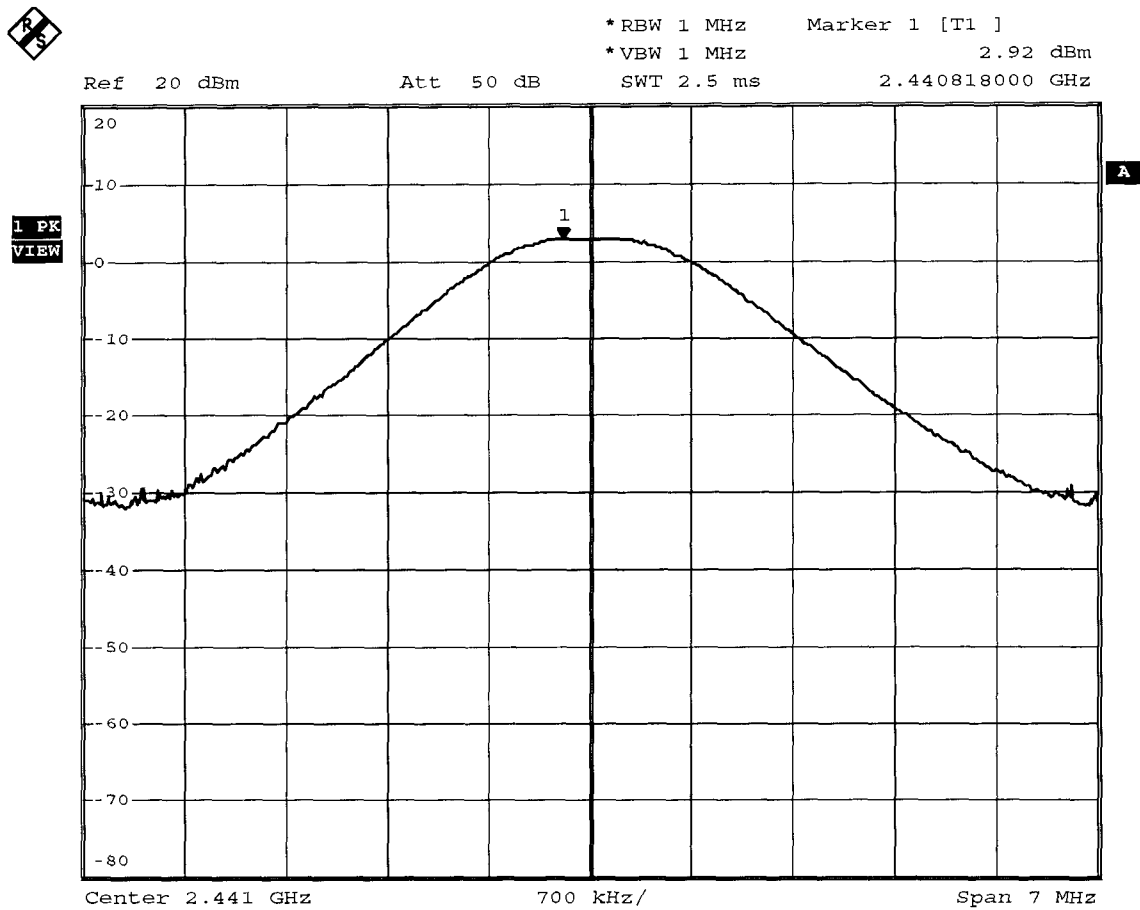


Comment: Output power=3.4 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:21:01

Measurement diagram

FCC part 15.247  
Peak output power conducted

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmin
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	

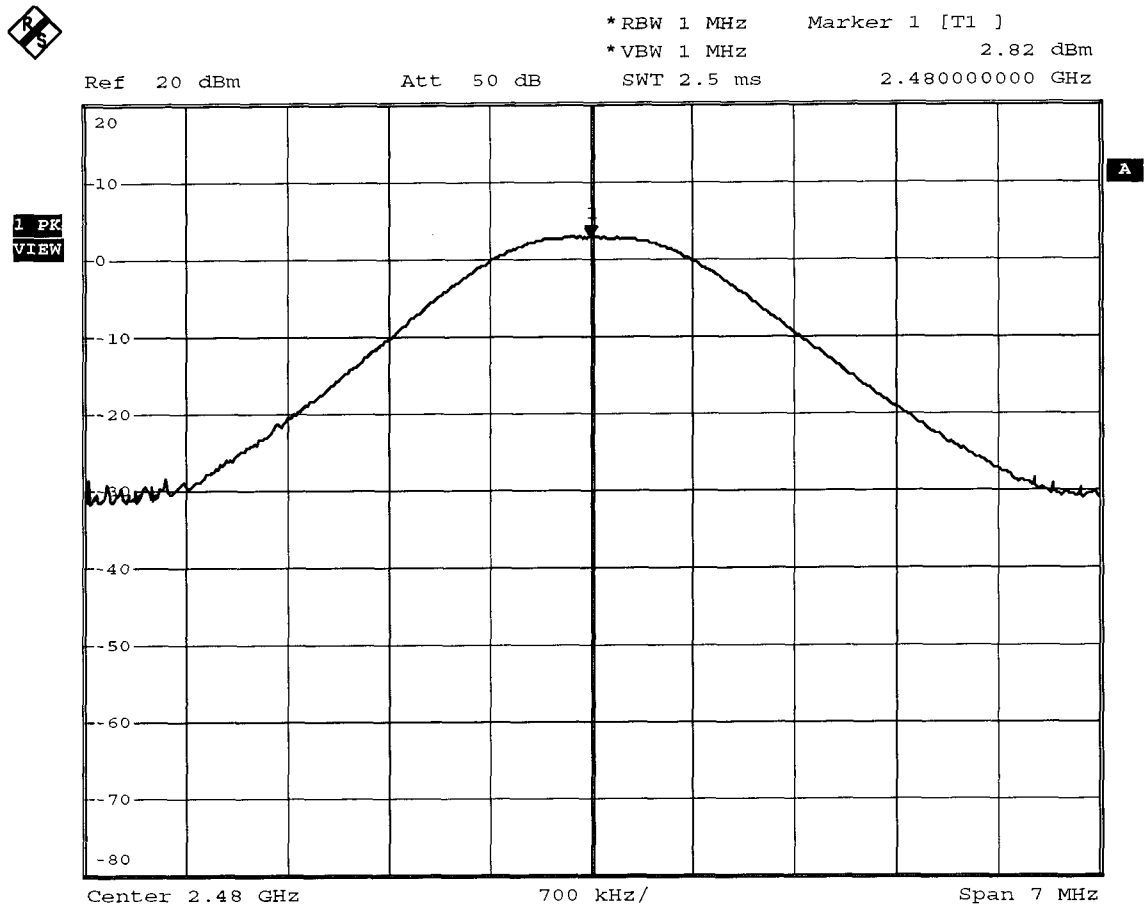


Comment: Output power=2.92 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:33:17

Measurement diagram

FCC part 15.247  
Peak output power conducted

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmin
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	

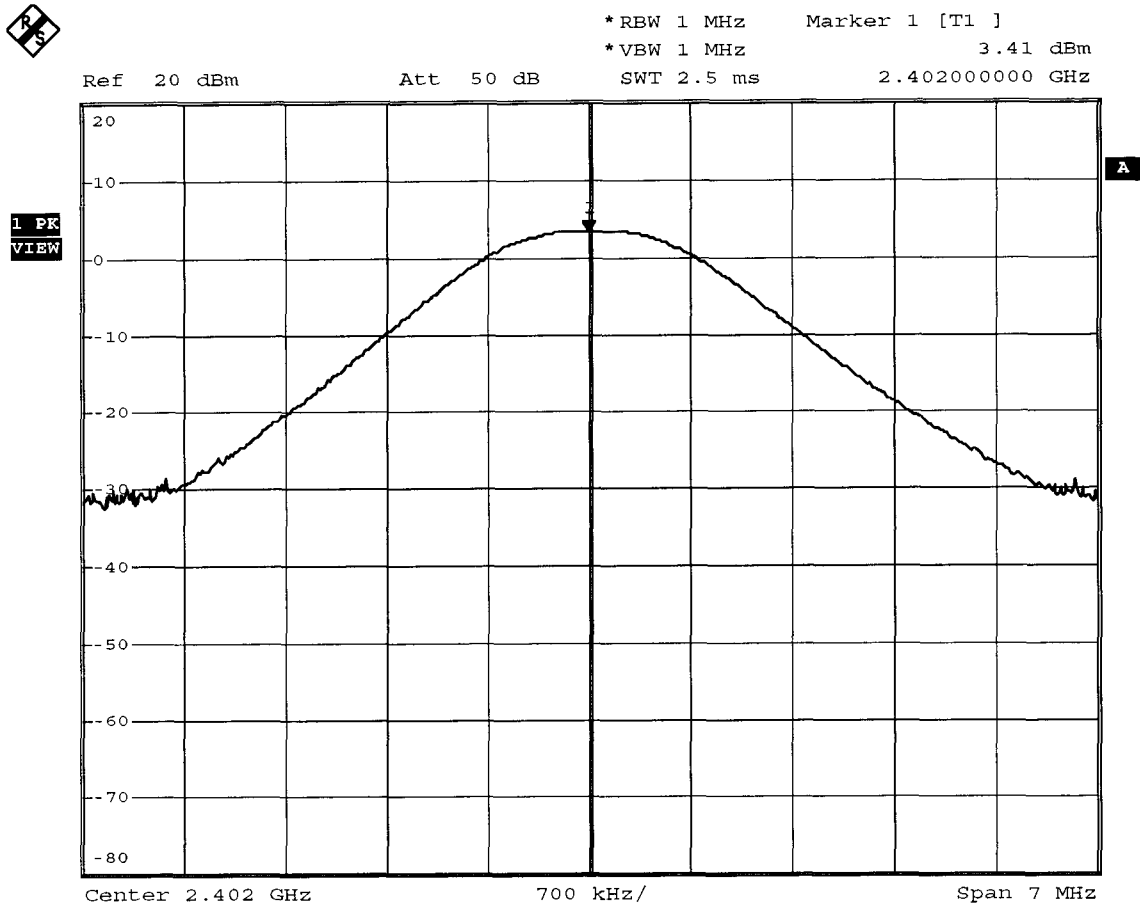


Comment: Output power=2.82 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:39:12

Measurement diagram

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

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmax
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



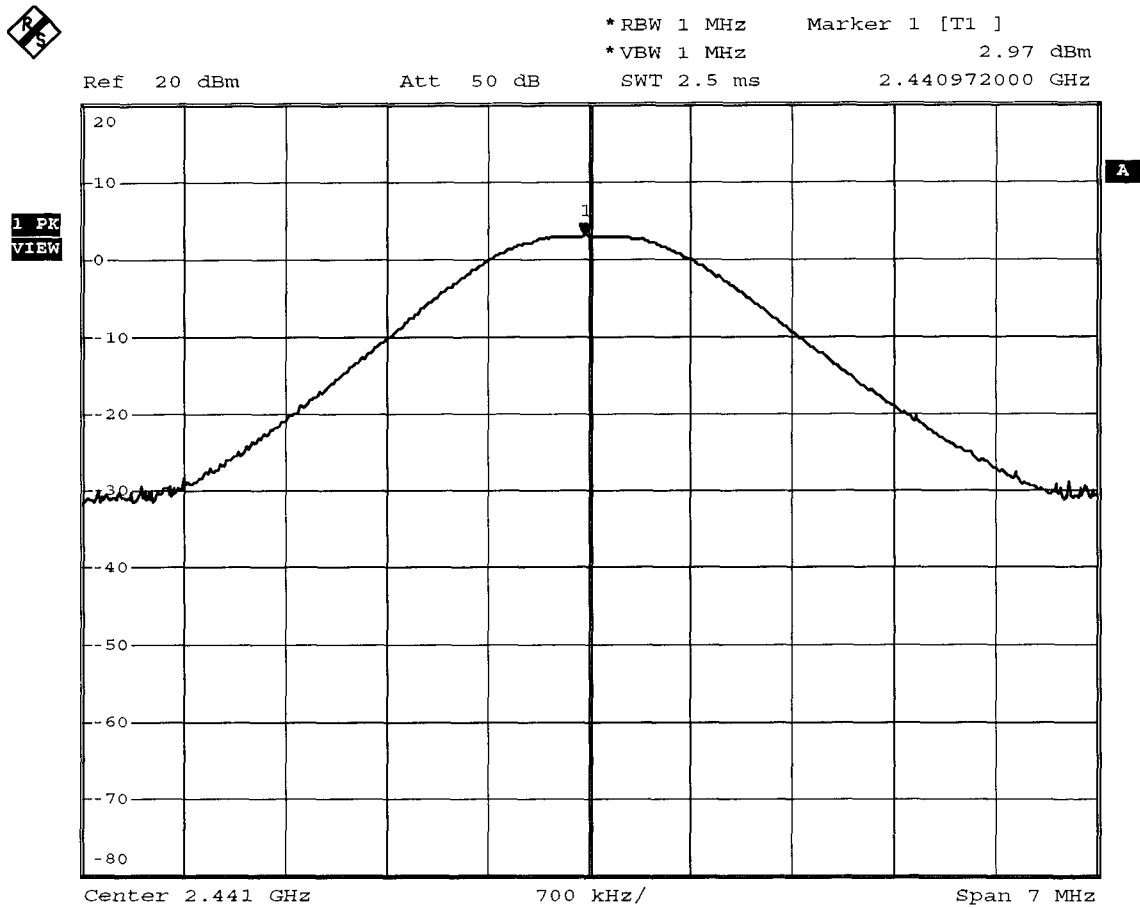
Comment: Output power=3.41 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:22:11

Measurement diagram



FCC part 15.247  
Peak output power conducted

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmax
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



Comment: Output power=2.97 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:31:58

Measurement diagram

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

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vmax
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Ref 20 dBm      Att 50 dB      \*RBW 1 MHz      Marker 1 [T1 ]      \*VBW 1 MHz      2.79 dBm  
 SWT 2.5 ms      2.479986000 GHz



Comment: Output power=2.79 dBm;      verdict: PASS  
 Date:      9.FEB.2007 09:38:08

Measurement diagram

## Appendix C

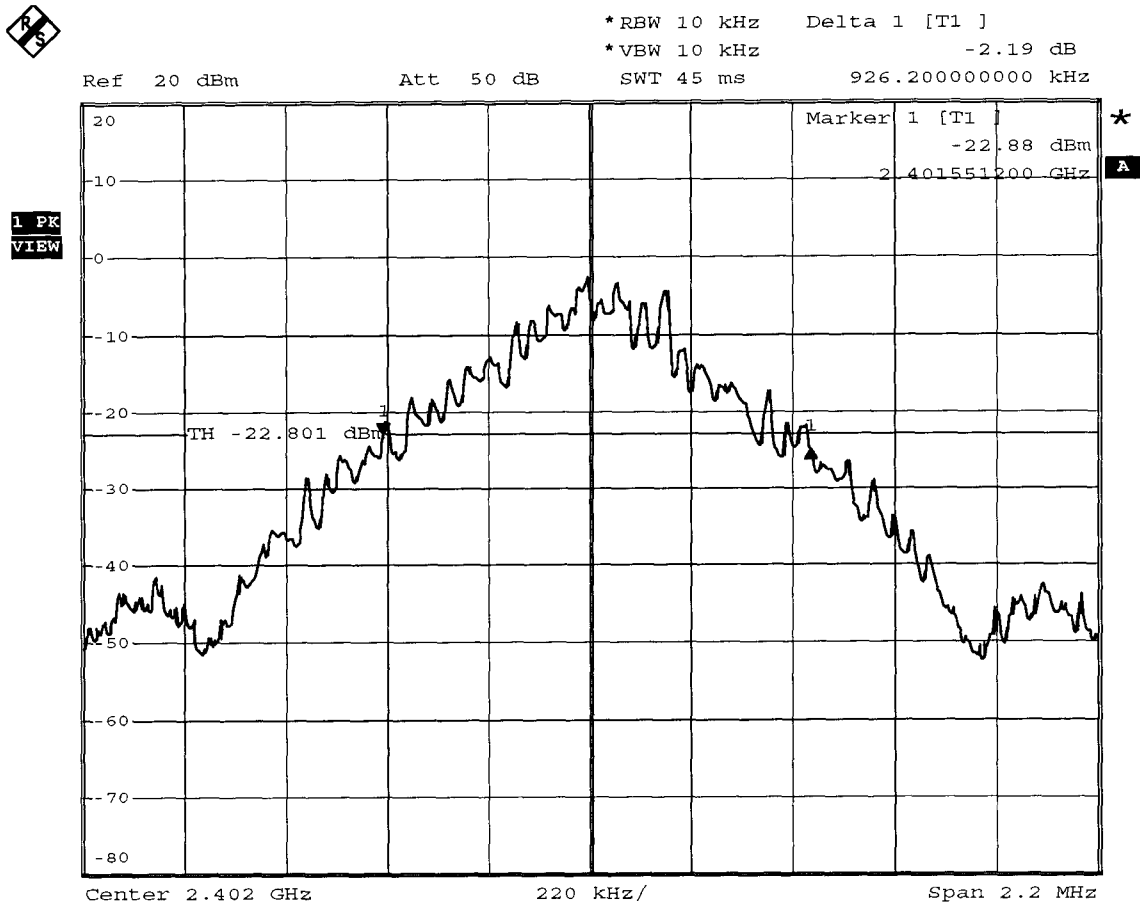
RF power output radiated (EIRP)

## Appendix D

20 dB bandwidth

FCC part 15.247  
20 dB bandwidth

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	

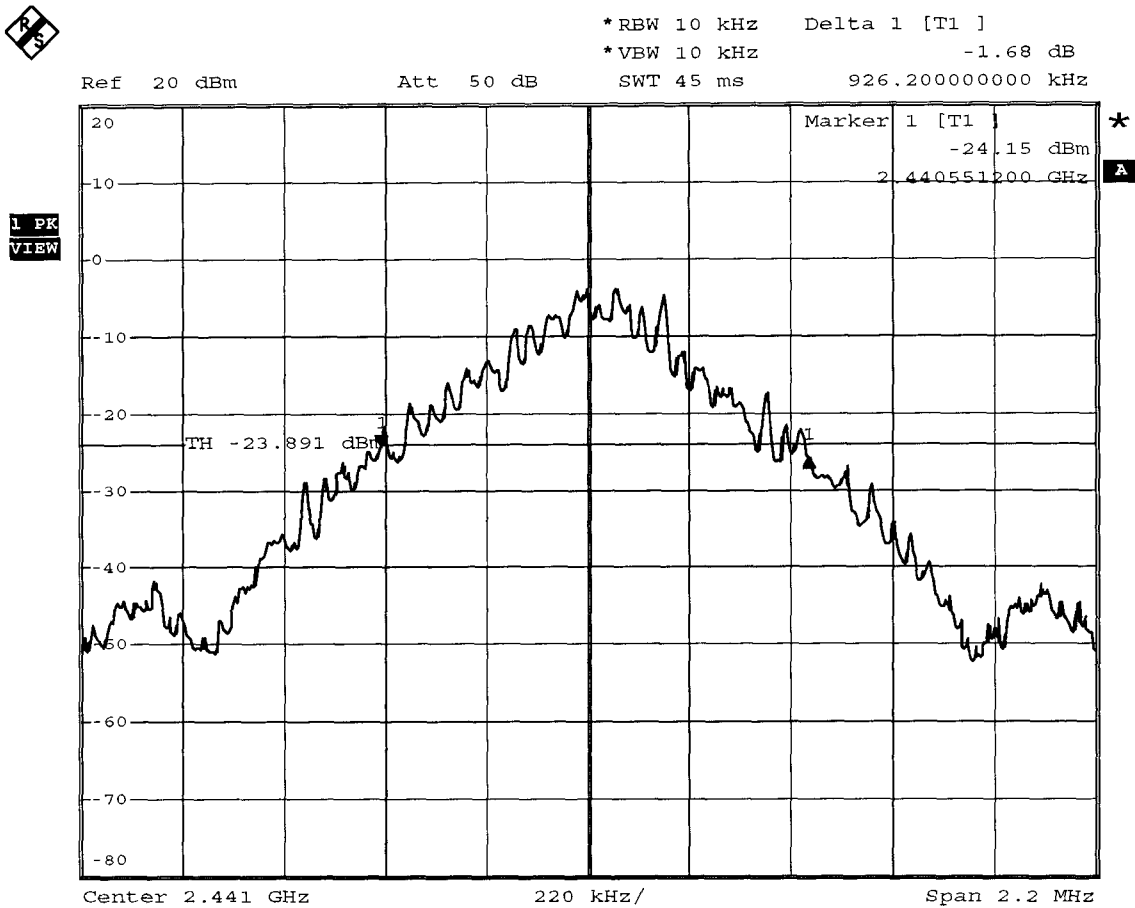


Comment: 20 dB bandwidth: 926.2 KHz < 1MHz; verdict: PASS  
Date: 9.FEB.2007 09:47:21

Measurement diagram

FCC part 15.247  
20 dB bandwidth

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	

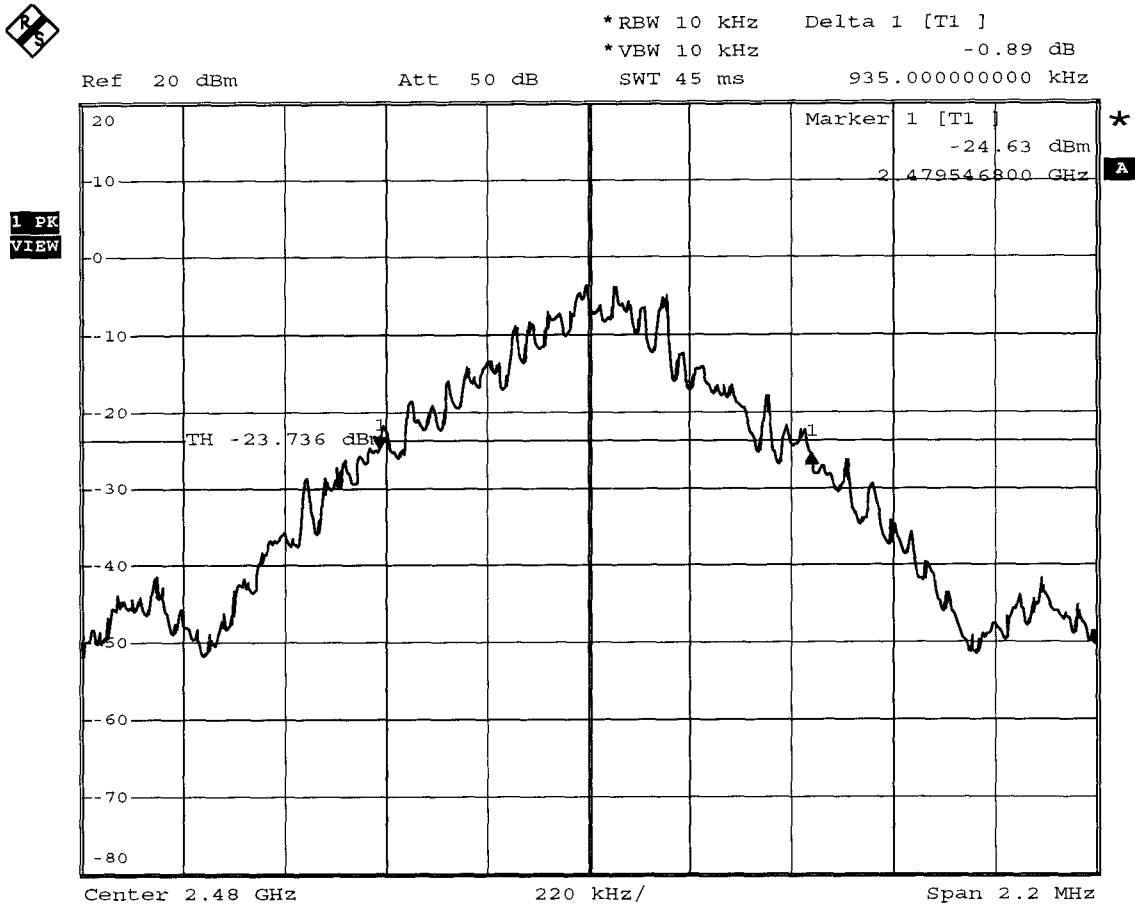


Comment: 20 dB bandwidth: 926.2 KHz < 1MHz; verdict: PASS  
 Date: 9.FEB.2007 09:43:41

Measurement diagram

FCC part 15.247  
20 dB bandwidth

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Comment: 20 dB bandwidth: 935 KHz < 1MHz;      verdict: PASS  
 Date:      9.FEB.2007 09:41:30

Measurement diagram

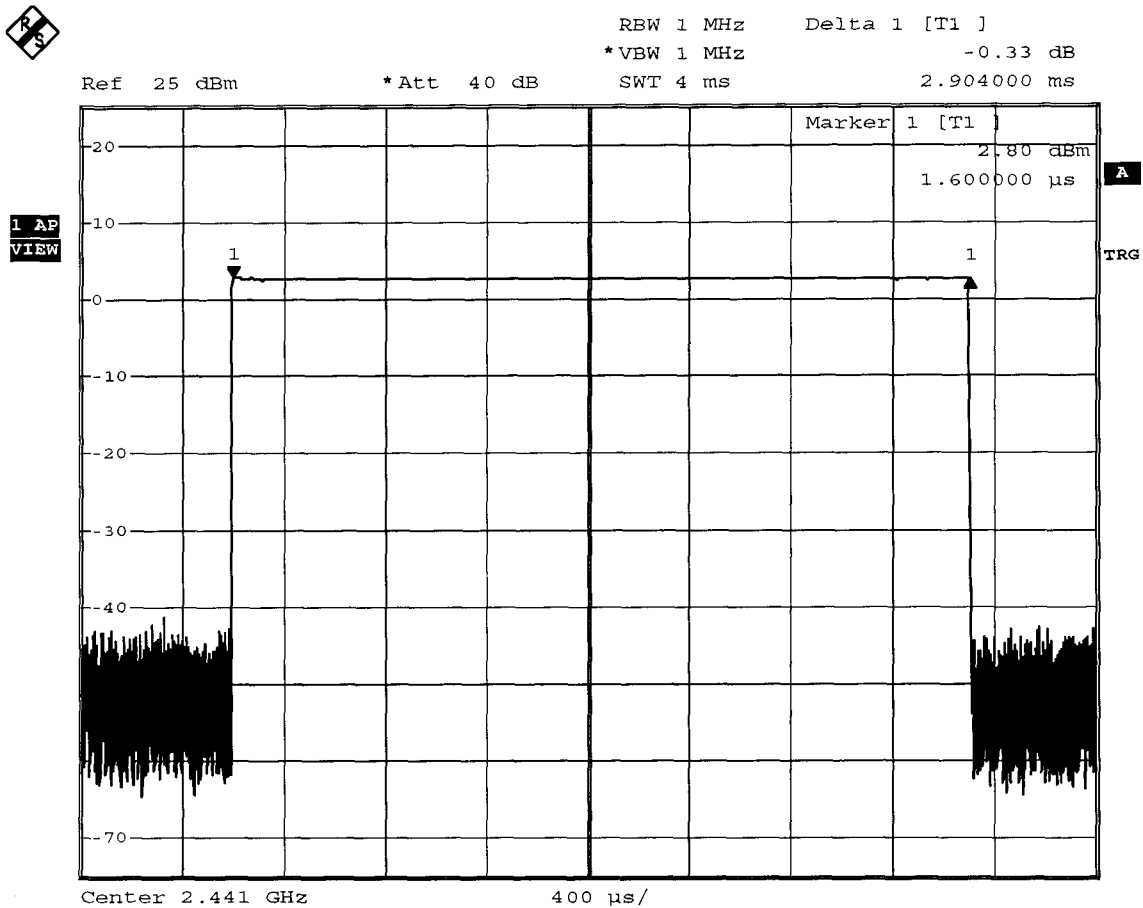
## Appendix E

Time of occupancy (dwell time)



FCC part 15.247  
Time of occupancy (dwell time)

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / 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	64events * 2.904 ms result: 185.856 ms

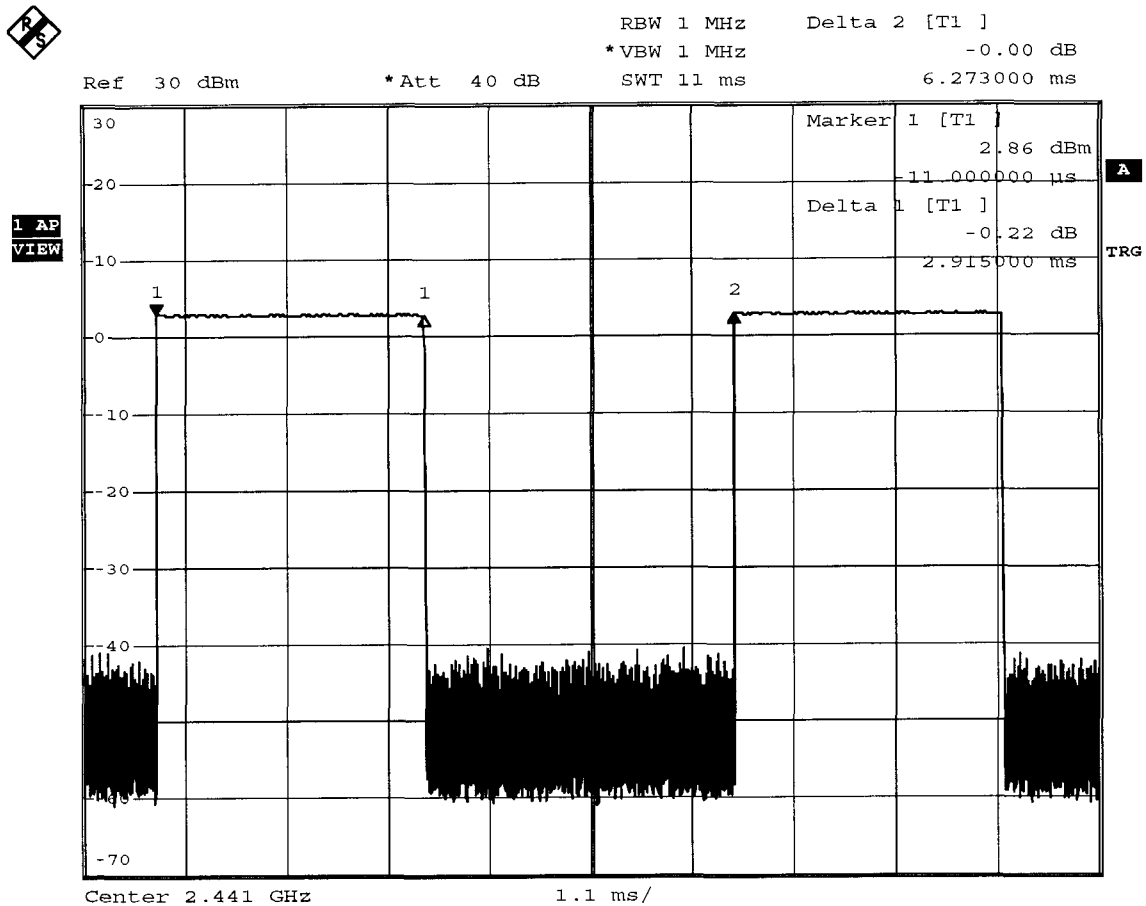


Comment: Burst length=2.904 ms  
Date: 9.FEB.2007 13:57:27

Measurement diagram

FCC part 15.247  
Duty cycle

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(b)
Comment 1	Duty cycle
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



Comment: Duty cycle=0.46  
Date: 9.FEB.2007 11:15:11

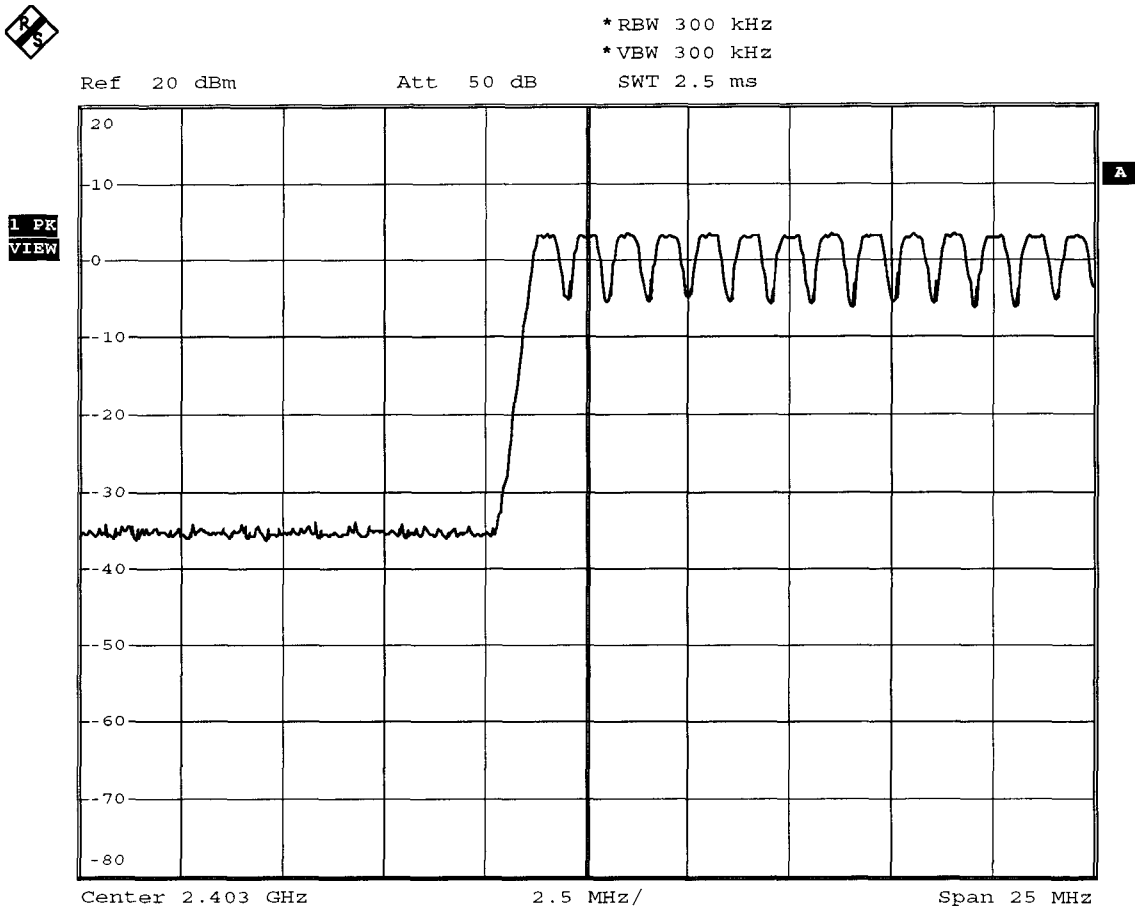
Measurement diagram

## Appendix F

Number of hopping frequencies

FCC part 15.247  
Number of hopping frequencies

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 0-13
Comment 3	



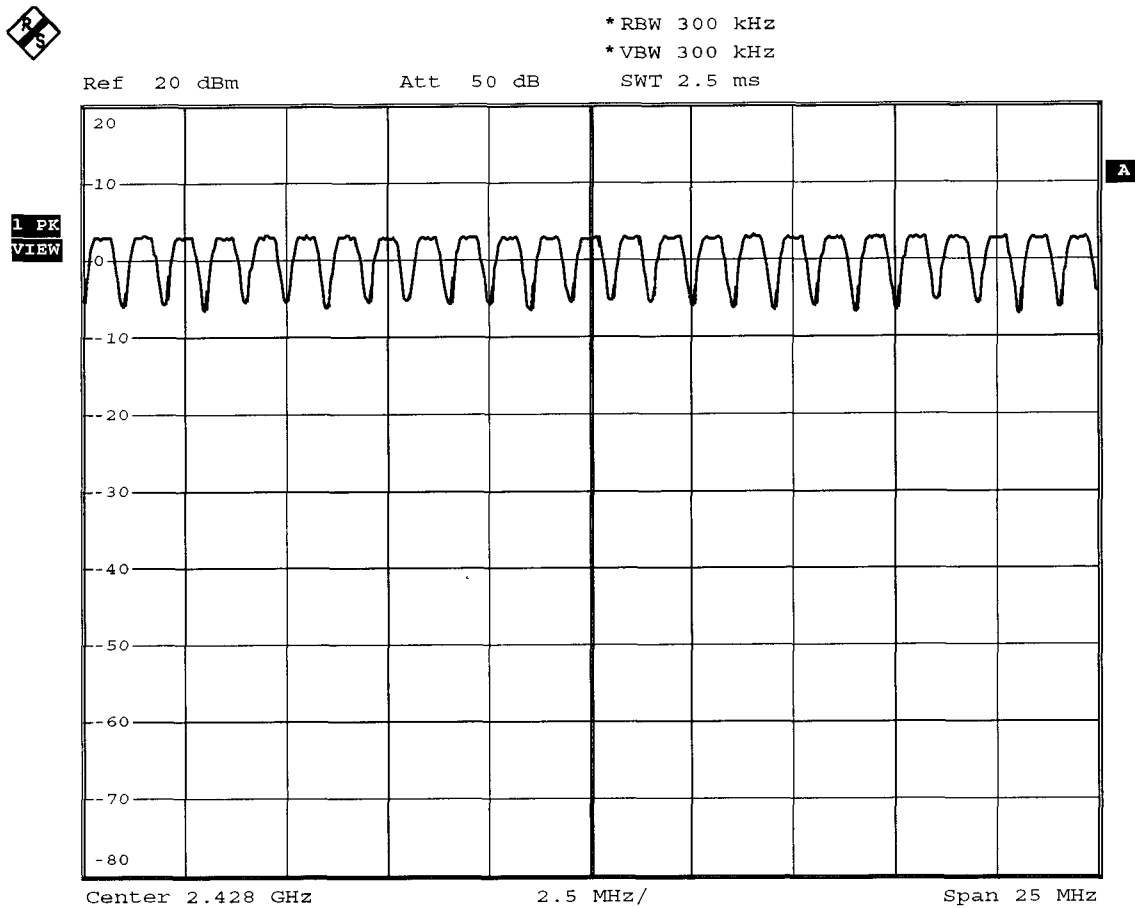
Comment: Number of hopping frequencies  
Date: 9.FEB.2007 12:59:30

Measurement diagram

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

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

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 14-38
Comment 3	

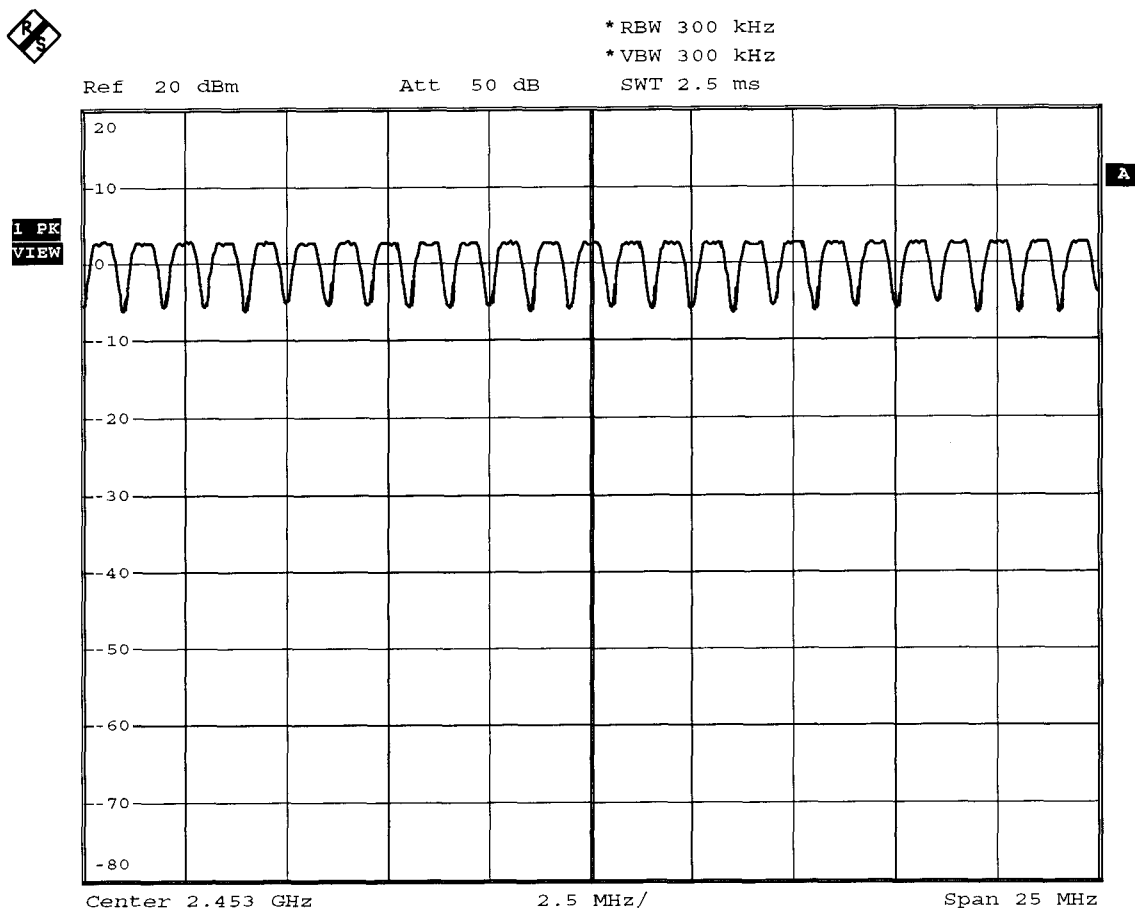


Comment: Number of hopping frequencies  
 Date: 9.FEB.2007 13:04:03

Measurement diagram

FCC part 15.247  
 Number of hopping frequencies

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.:39-63
Comment 3	

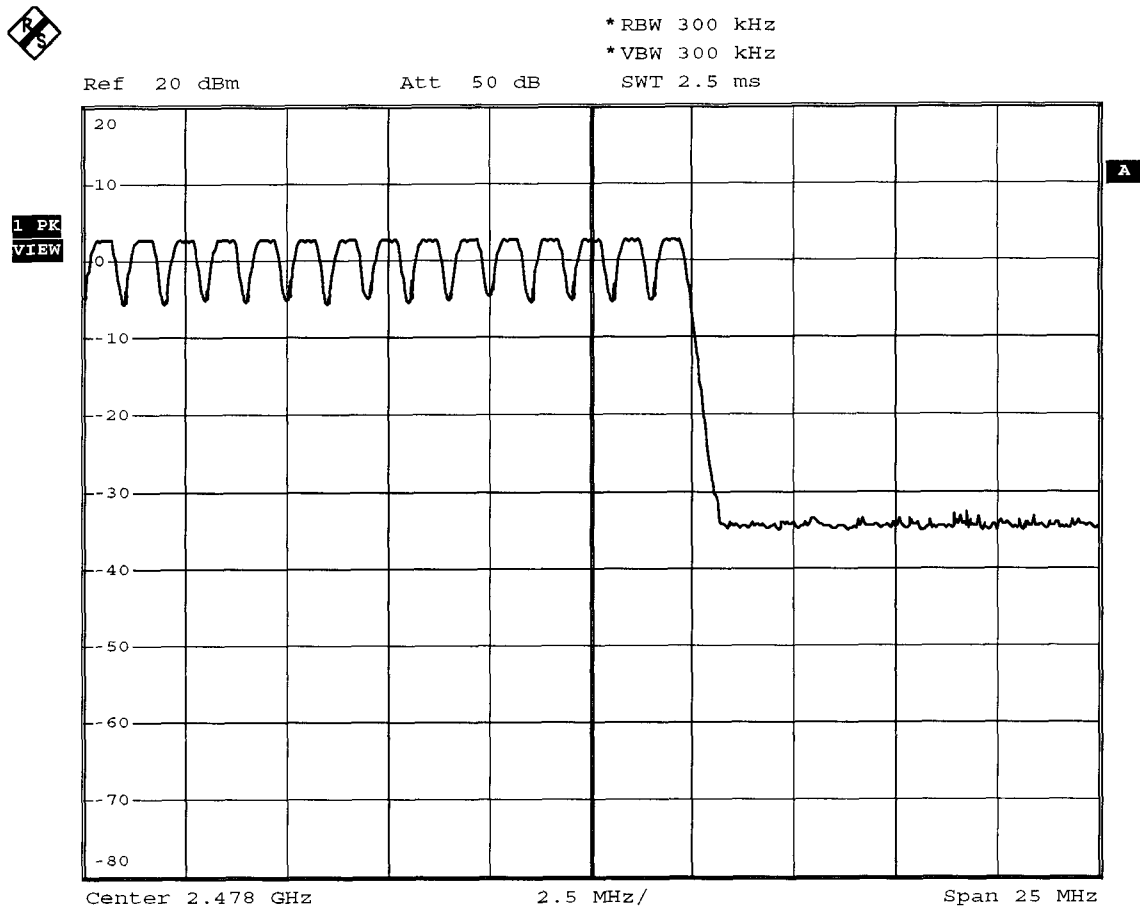


Comment: Number of hopping frequencies  
 Date: 9.FEB.2007 13:12:33

Measurement diagram

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

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / Mr. Hoppe
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	
Comment 3	Chanel.: 64-78



Comment: Number of hopping frequencies  
 Date: 9.FEB.2007 13:41:35

Measurement diagram

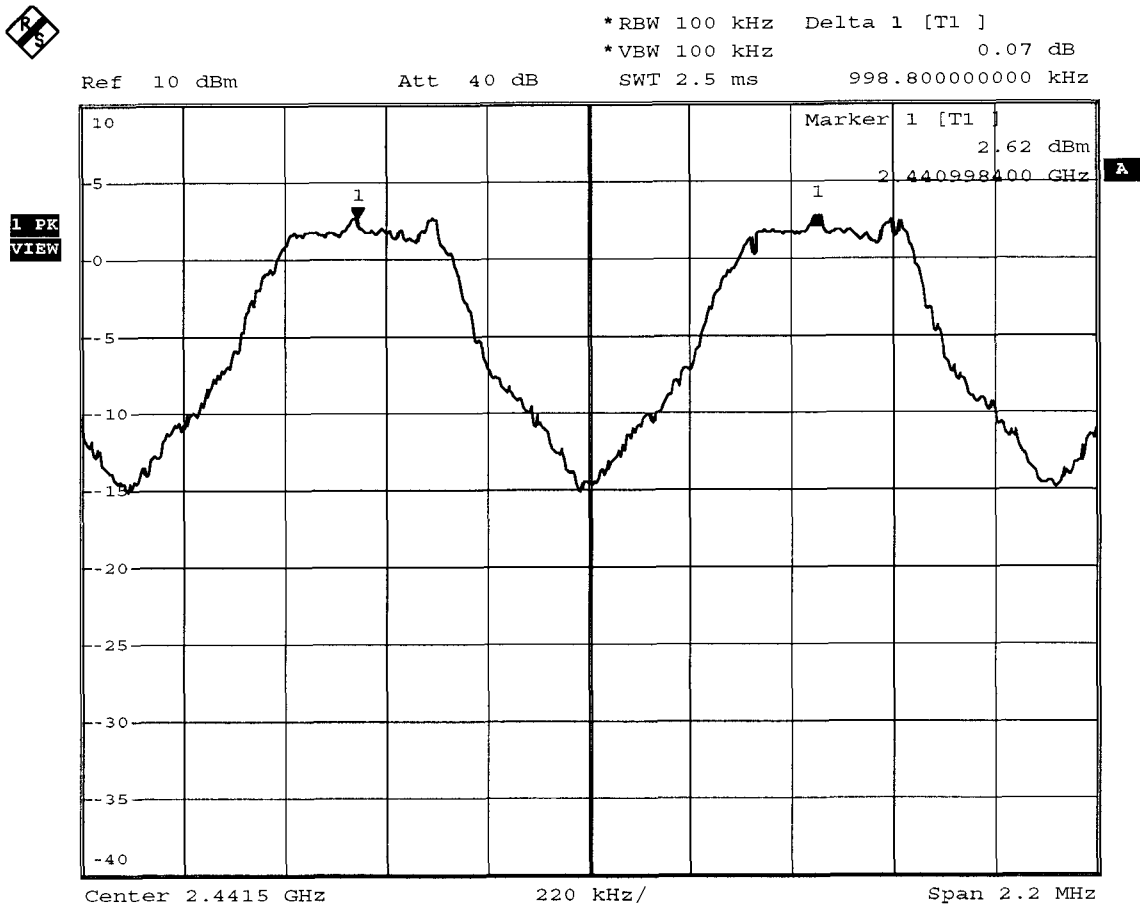
# Appendix G

Carrier frequency separation



**FCC part 15.247  
Carrier frequency separation**

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / 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



Comment: Limit: > two-thirds of the 20 dB bandwidth ; Result: Pass  
 Date: 9.FEB.2007 10:56:39

Measurement diagram

## Appendix H

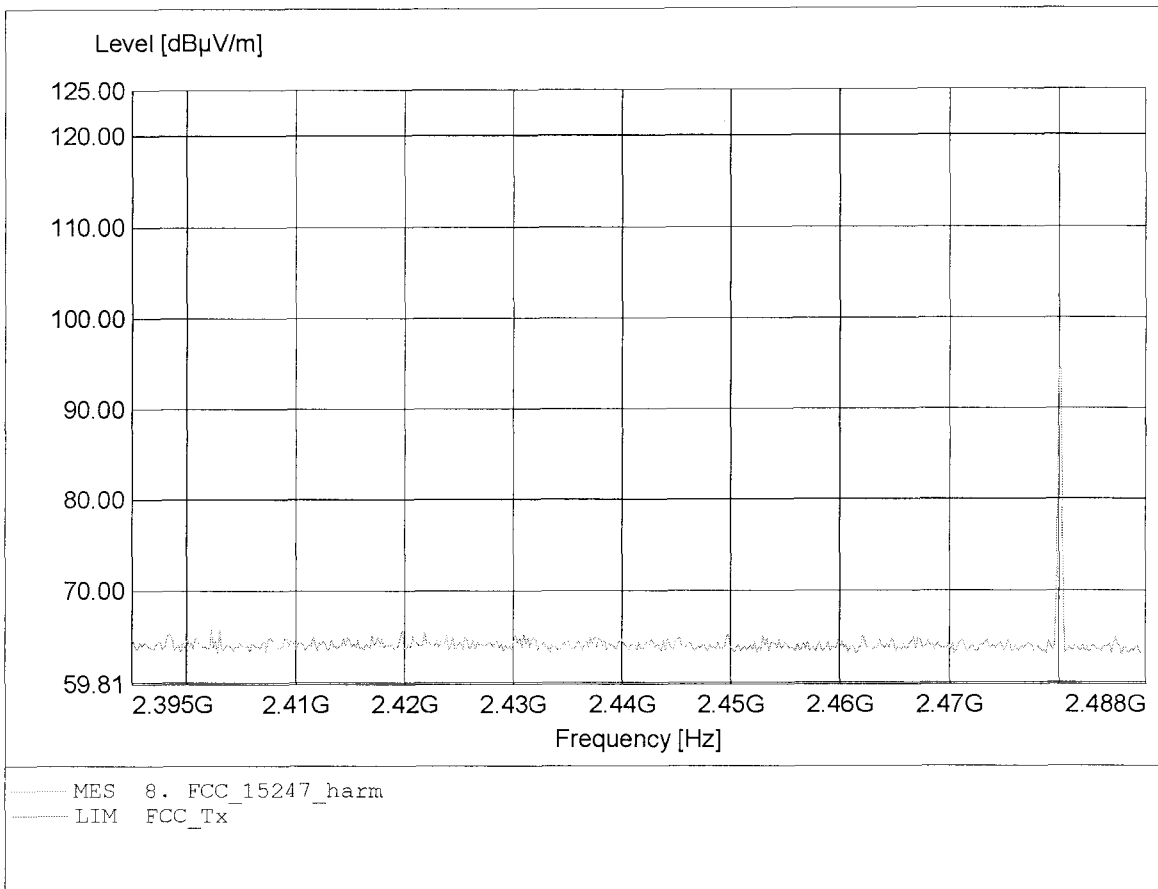
Spurious emission conducted

# Appendix I

Spurious emission radiated

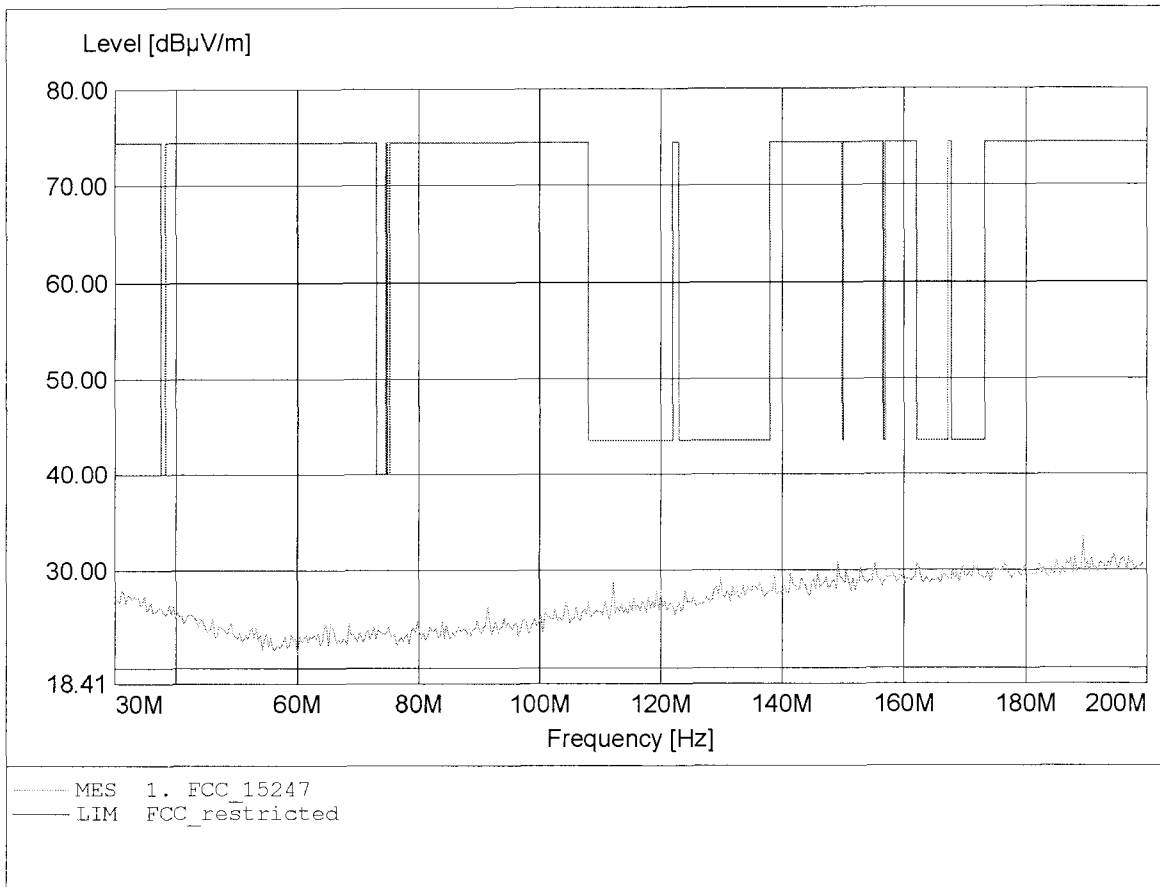
**Carrier power (Field Strength)**  
**FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Comment 2: Freq: 2.480GHz, Emax: 94.42dBµV/m, RBW: 100kHz



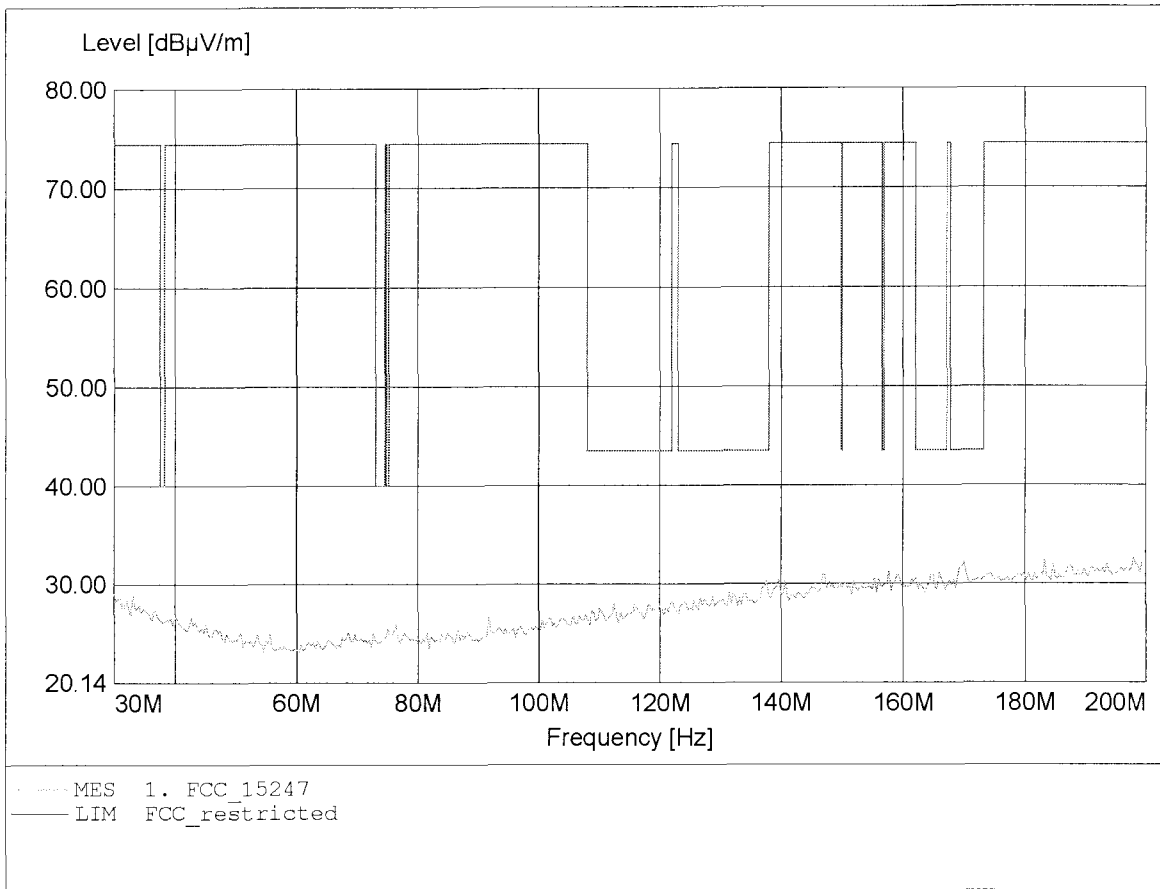
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 189.439MHz, Emax: 33.44dBµV/m, RBW: 100kHz



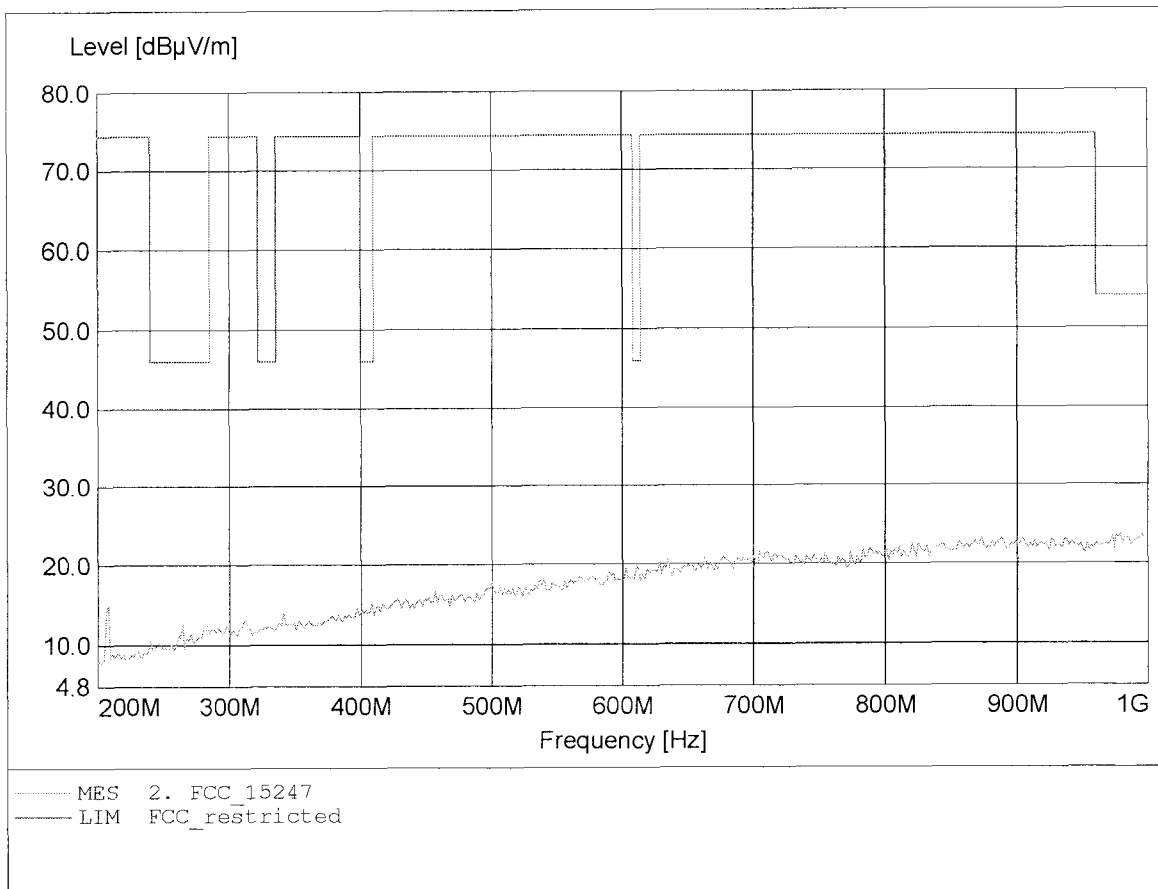
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 197.956MHz, Emax: 32.63dBµV/m, RBW: 100kHz



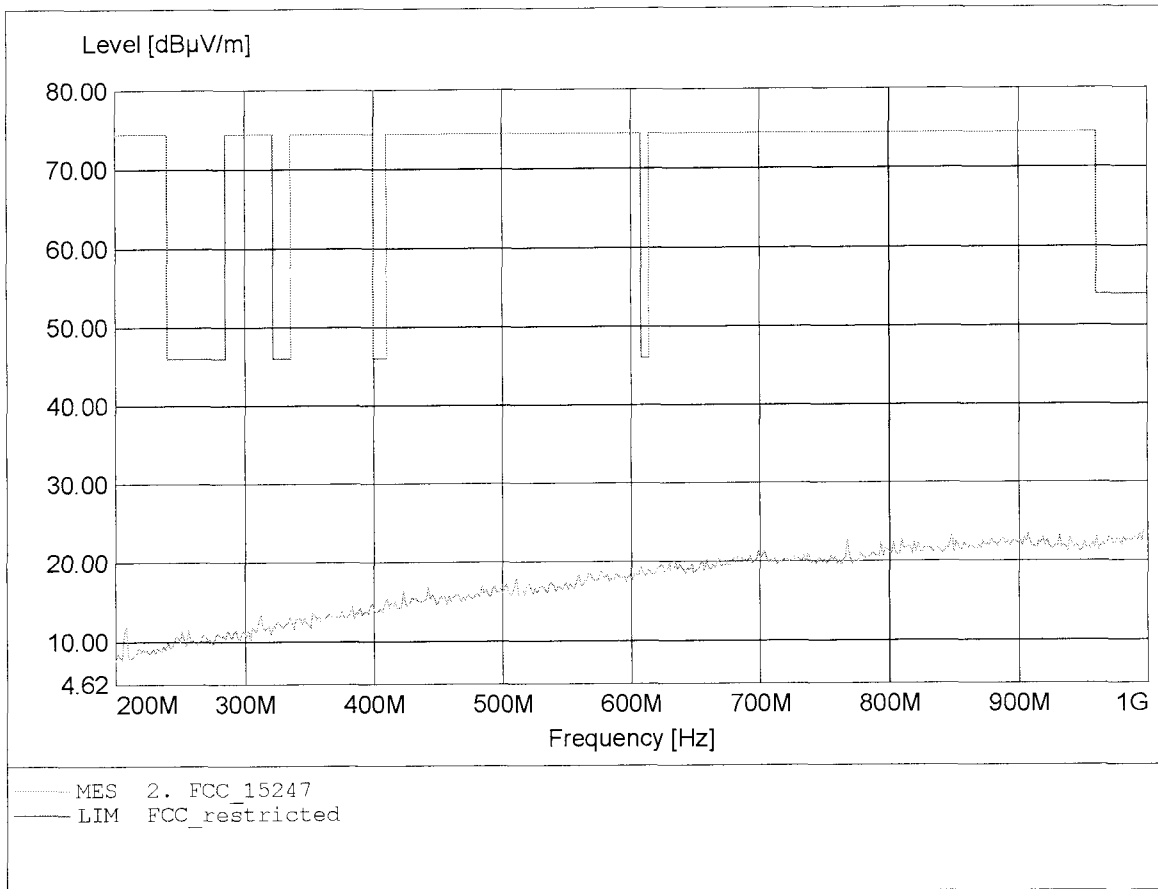
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 995.190MHz, Emax: 23.76dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

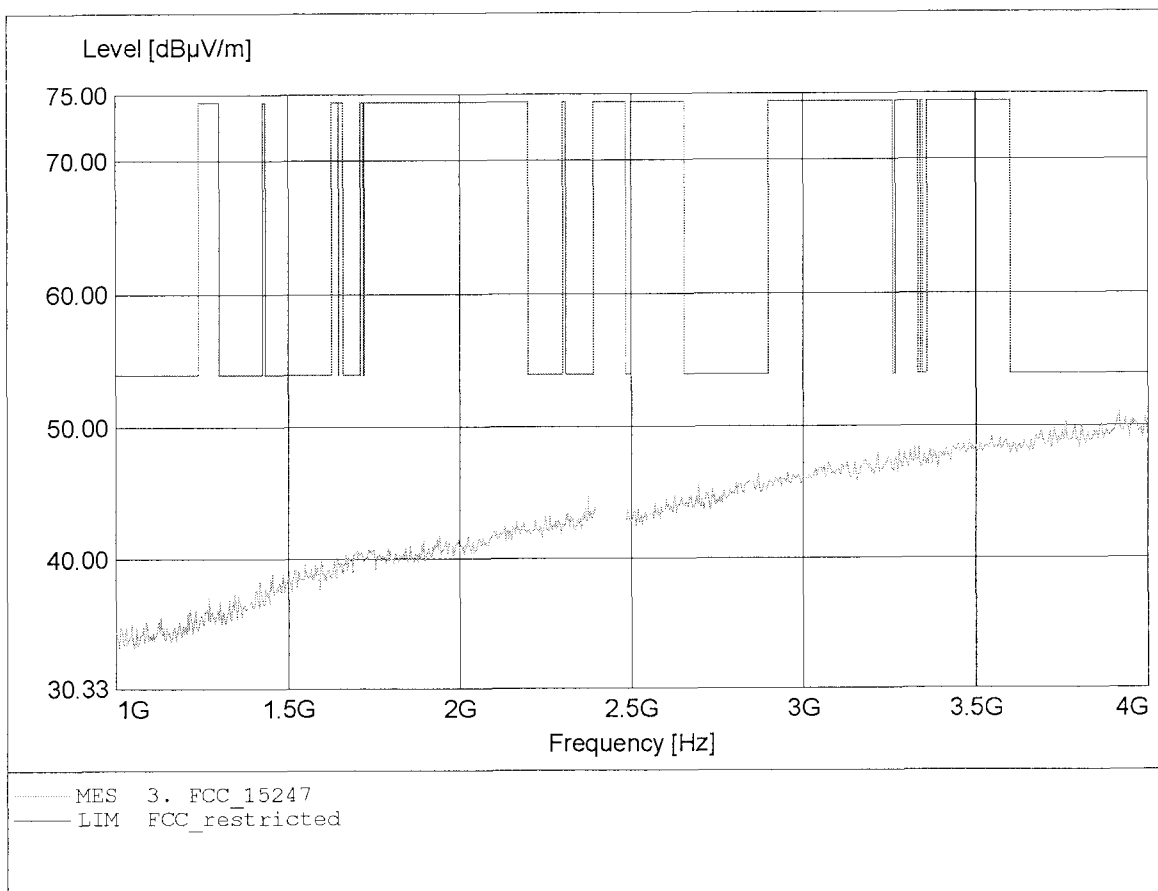
Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 996.794MHz, Emax: 23.77dBµV/m, RBW: 100kHz





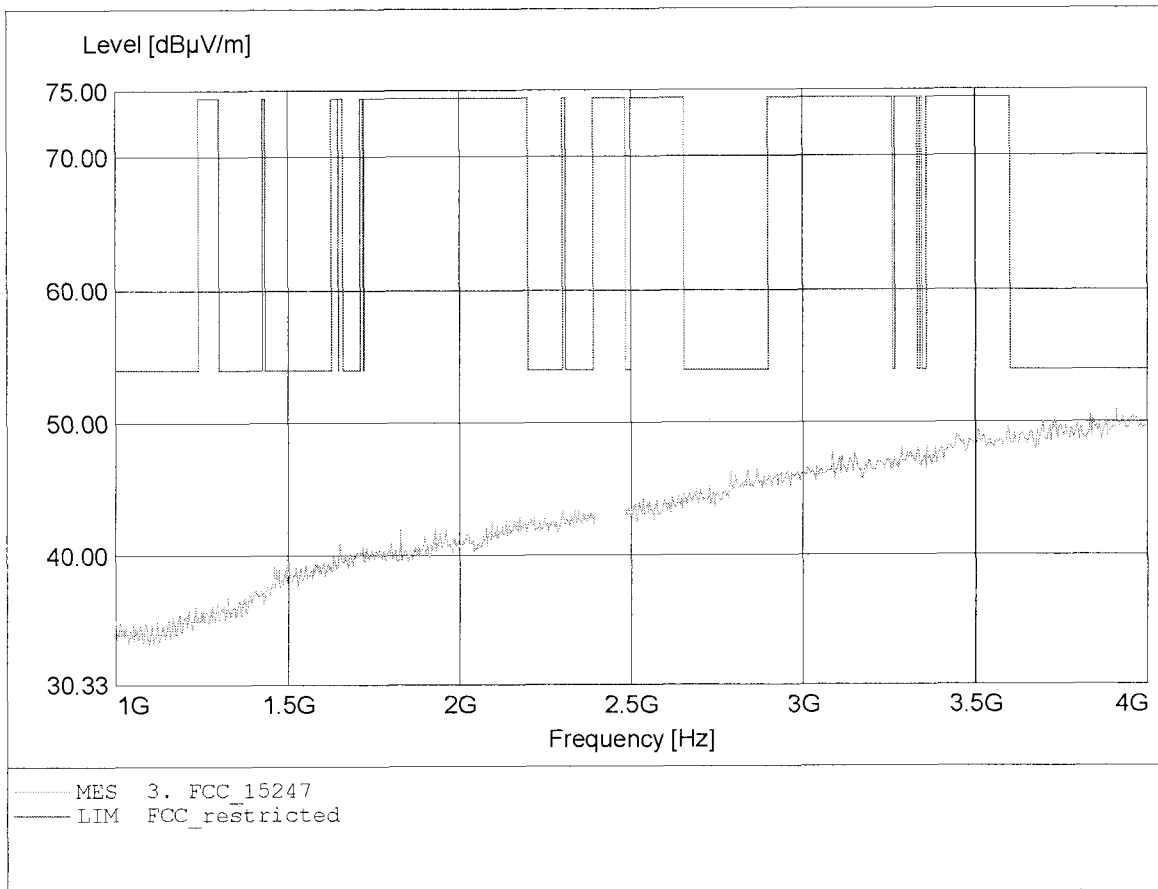
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 3.915GHz, Emax: 51.05dBμV/m, RBW: 1MHz



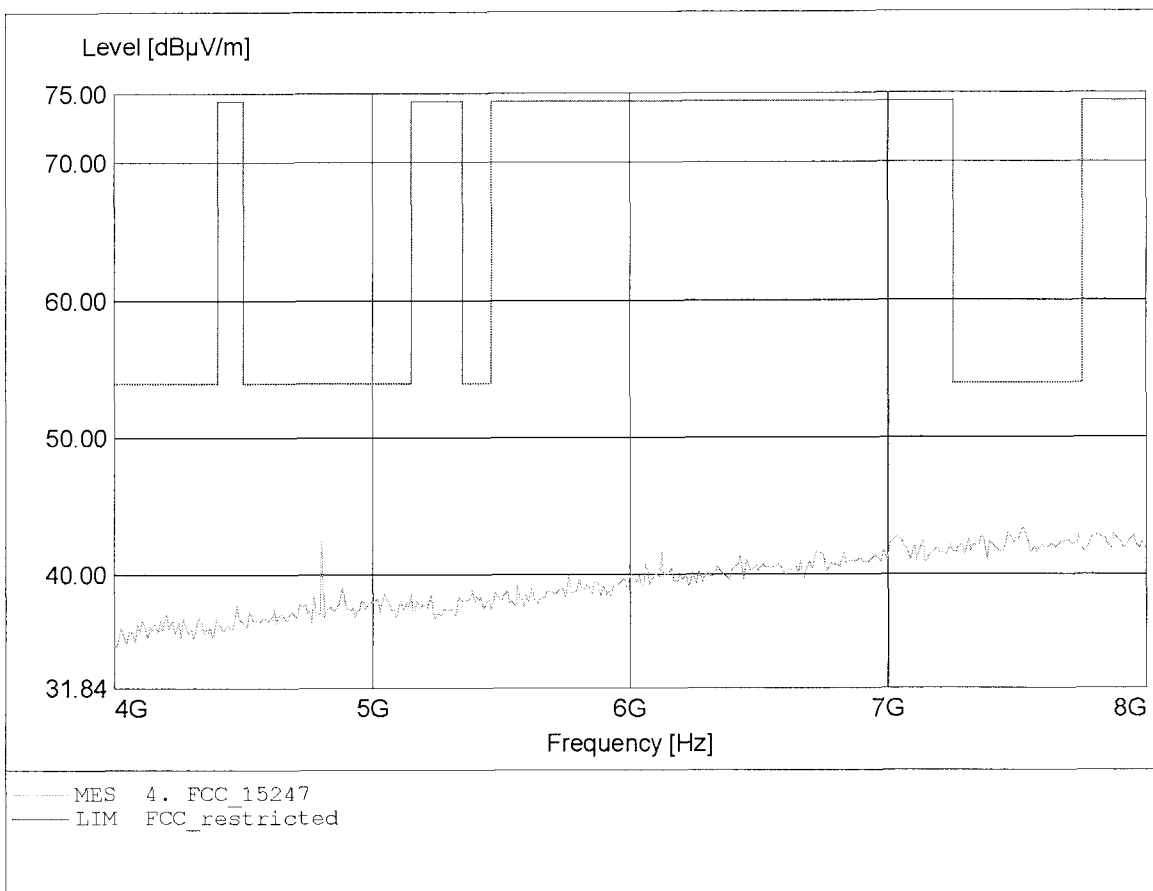
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 3.909GHz, Emax: 50.93dBμV/m, RBW: 1MHz



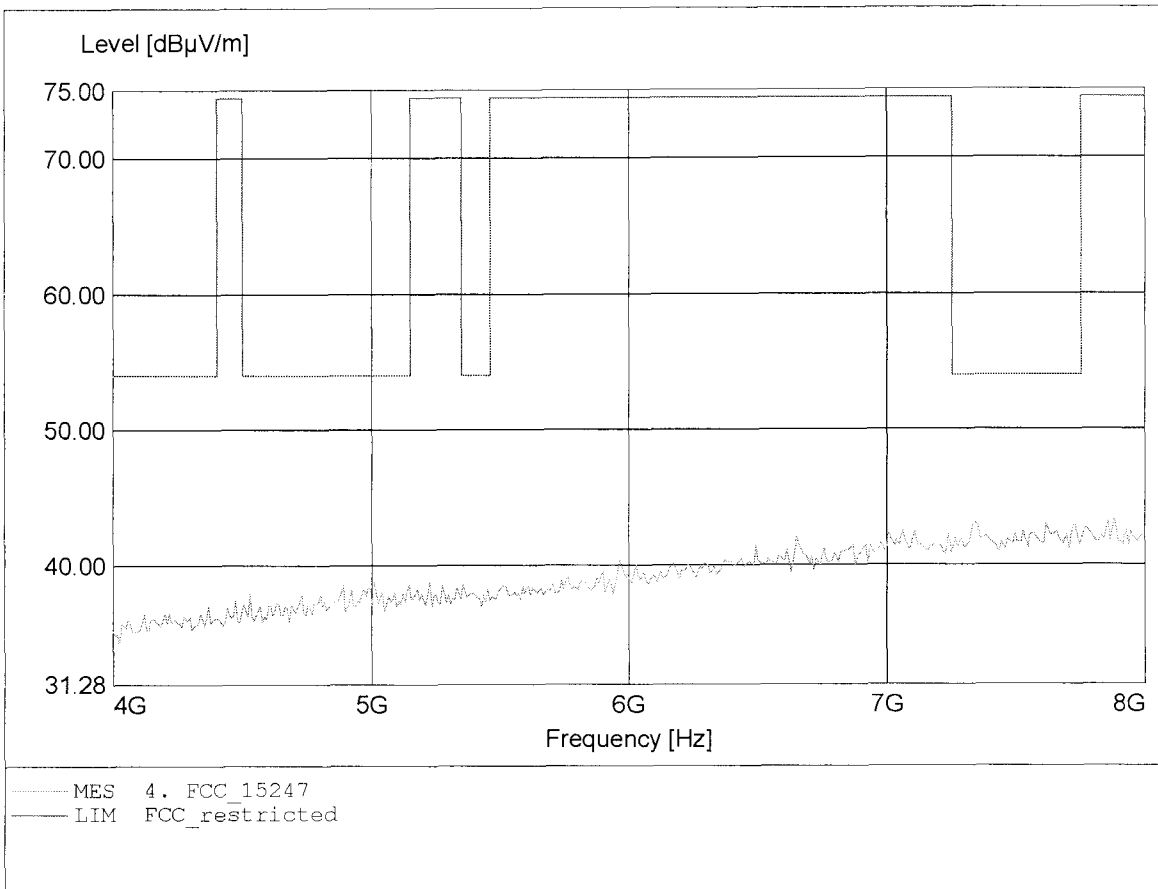
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.519GHz, Emax: 43.35dBµV/m, RBW: 1MHz



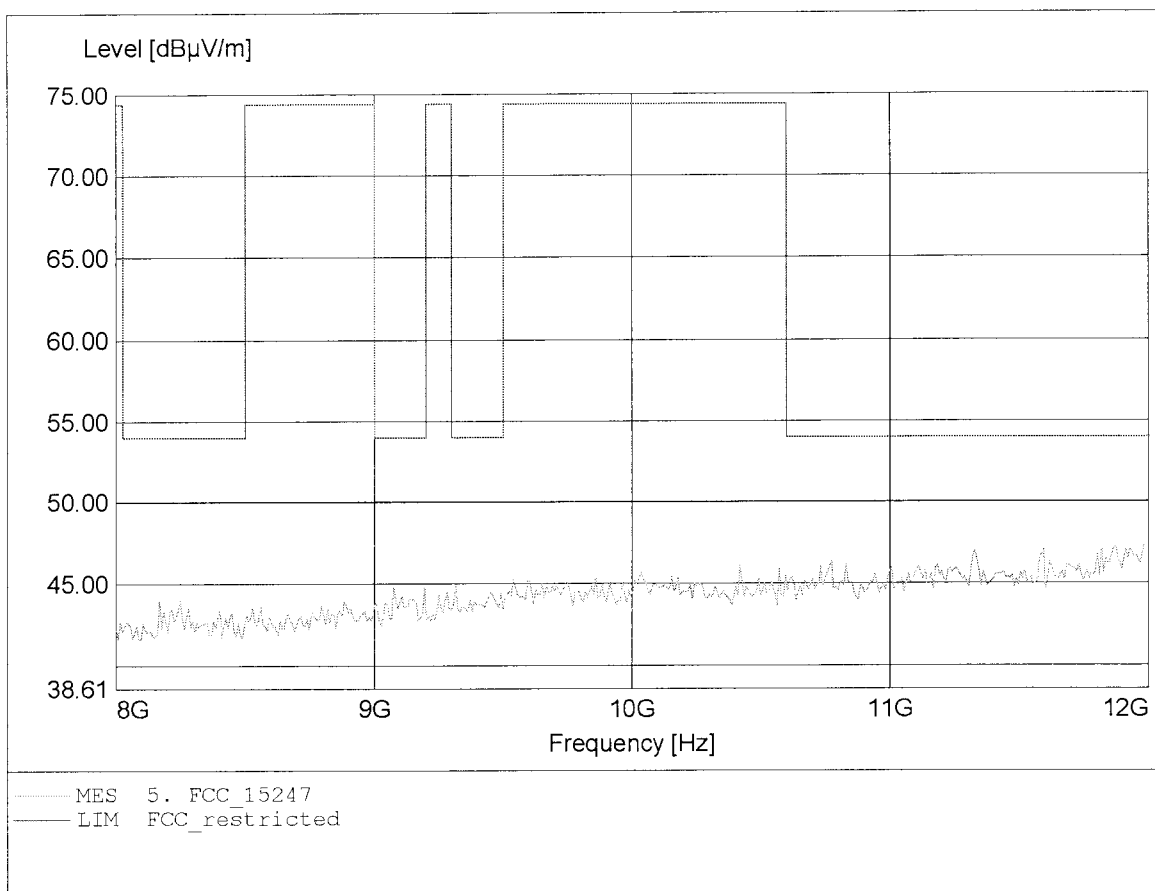
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.880GHz, Emax: 43.42dBµV/m, RBW: 1MHz



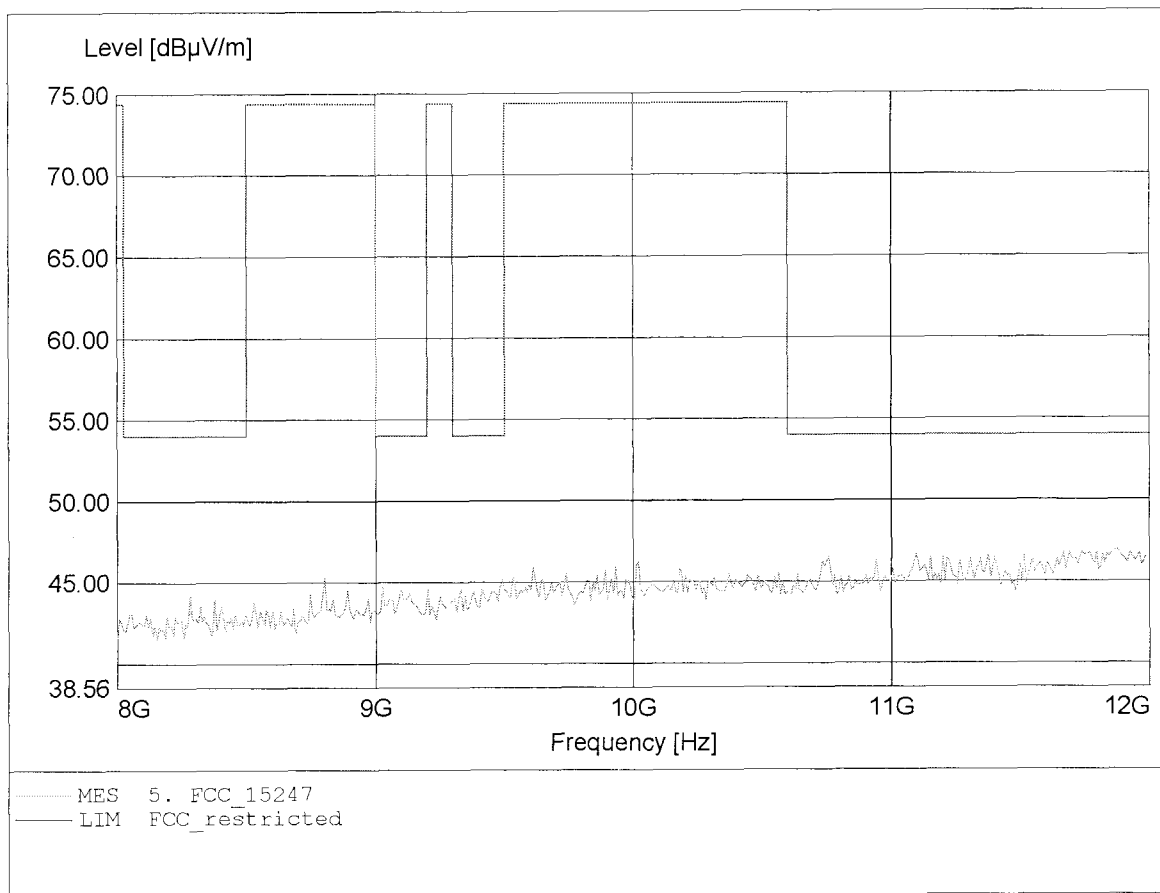
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.984GHz, Emax: 47.37dBµV/m, RBW: 1MHz



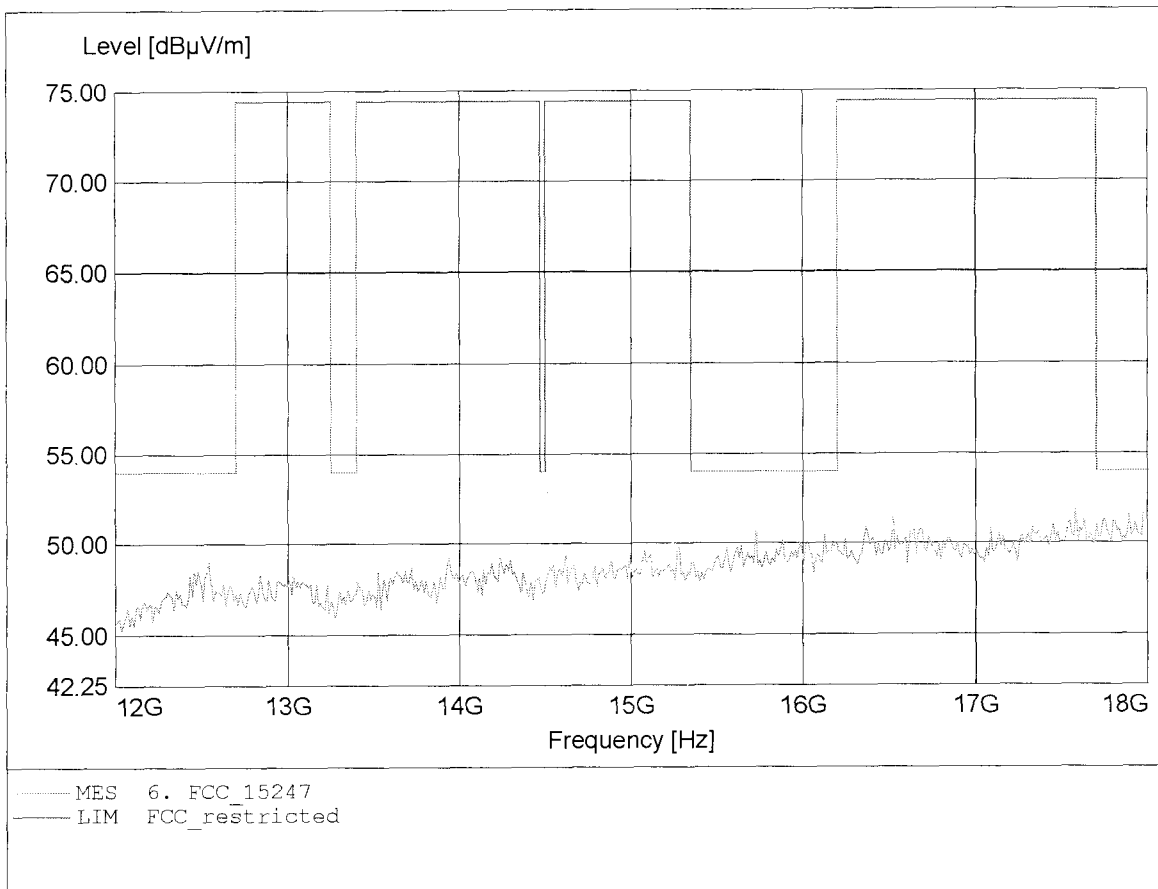
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.872GHz, Emax: 46.90dBµV/m, RBW: 1MHz



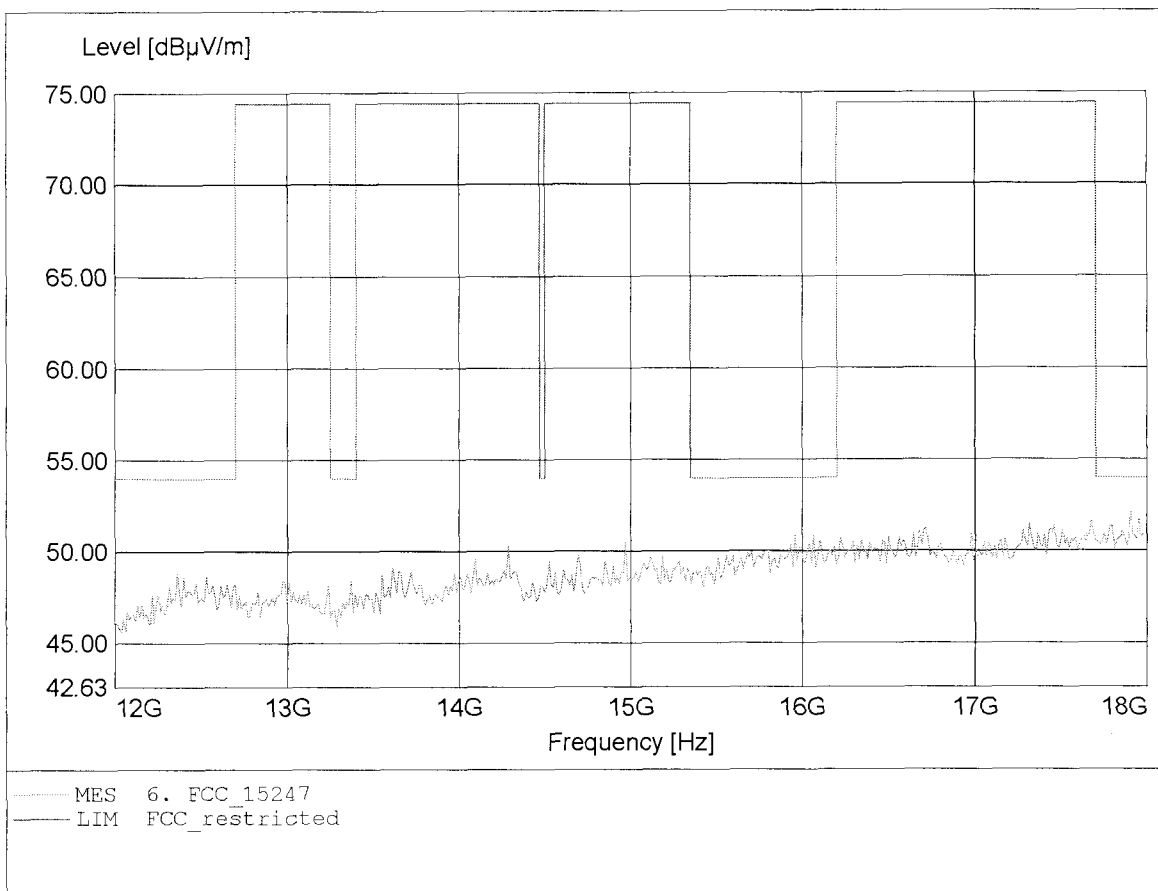
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.579GHz, Emax: 51.83dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

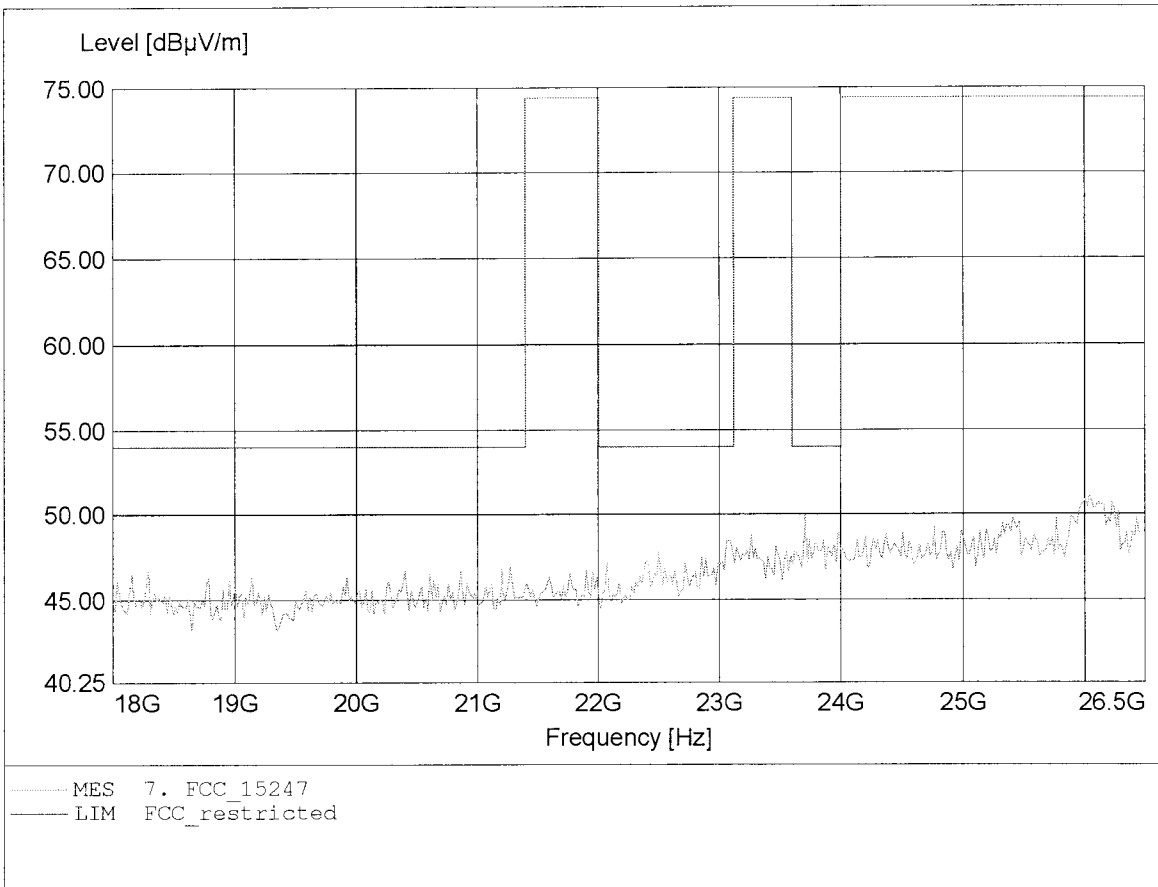
Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.904GHz, Emax: 52.07dBµV/m, RBW: 1MHz





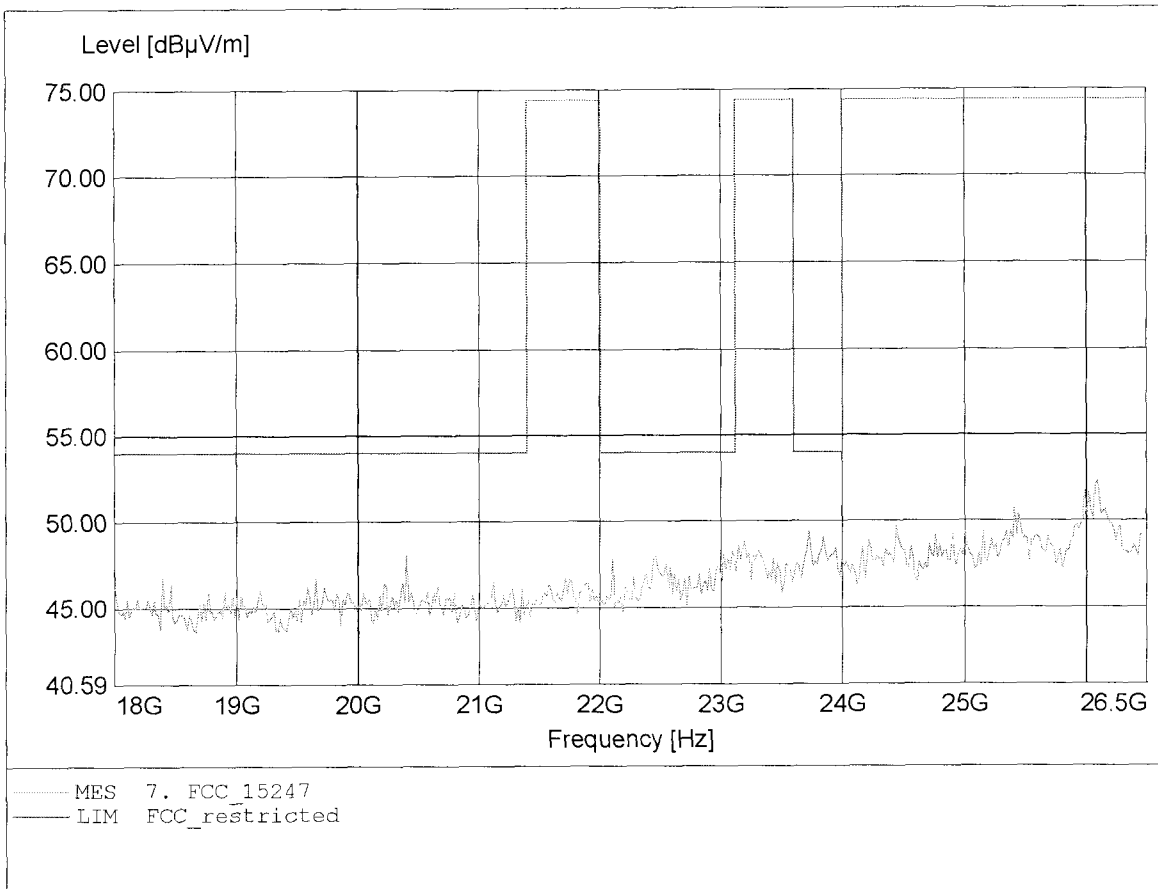
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.040GHz, Emax: 51.09dBµV/m, RBW: 1MHz



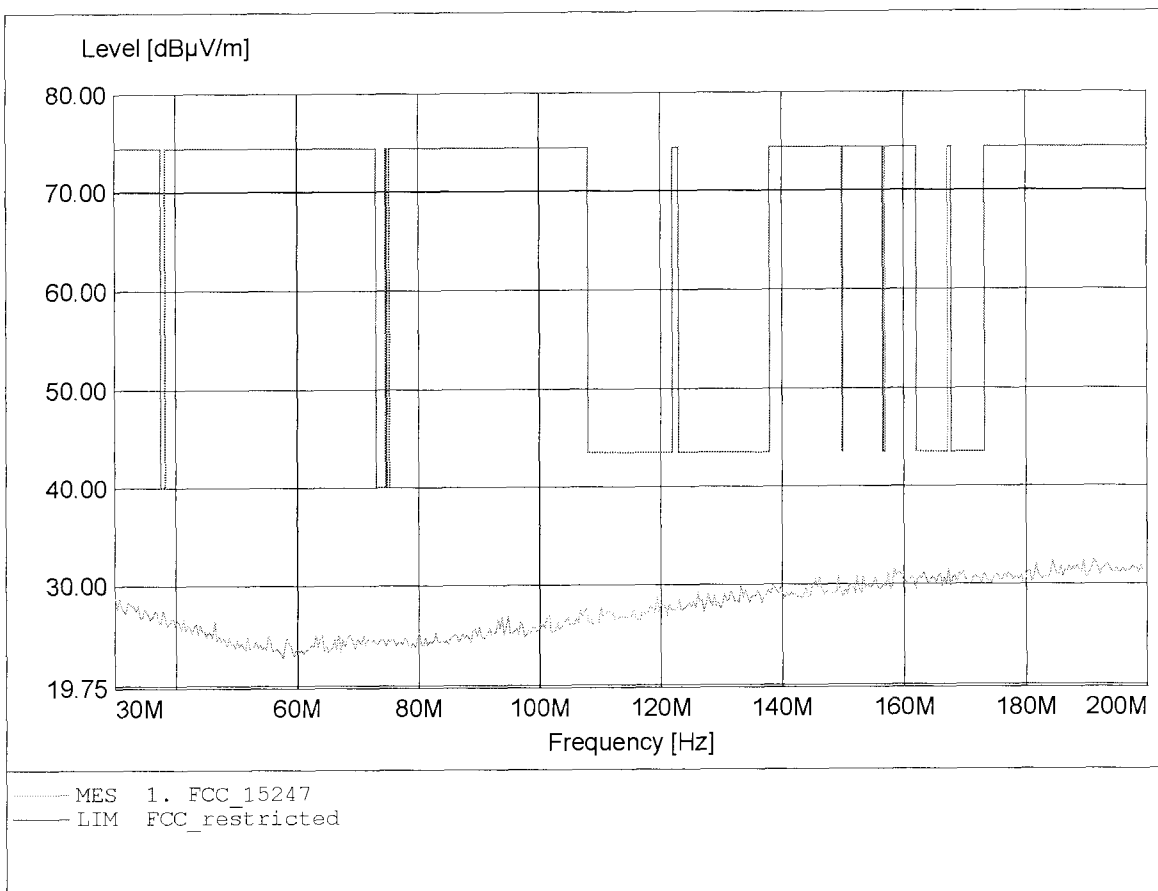
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2402  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.091GHz, Emax: 52.25dBµV/m, RBW: 1MHz



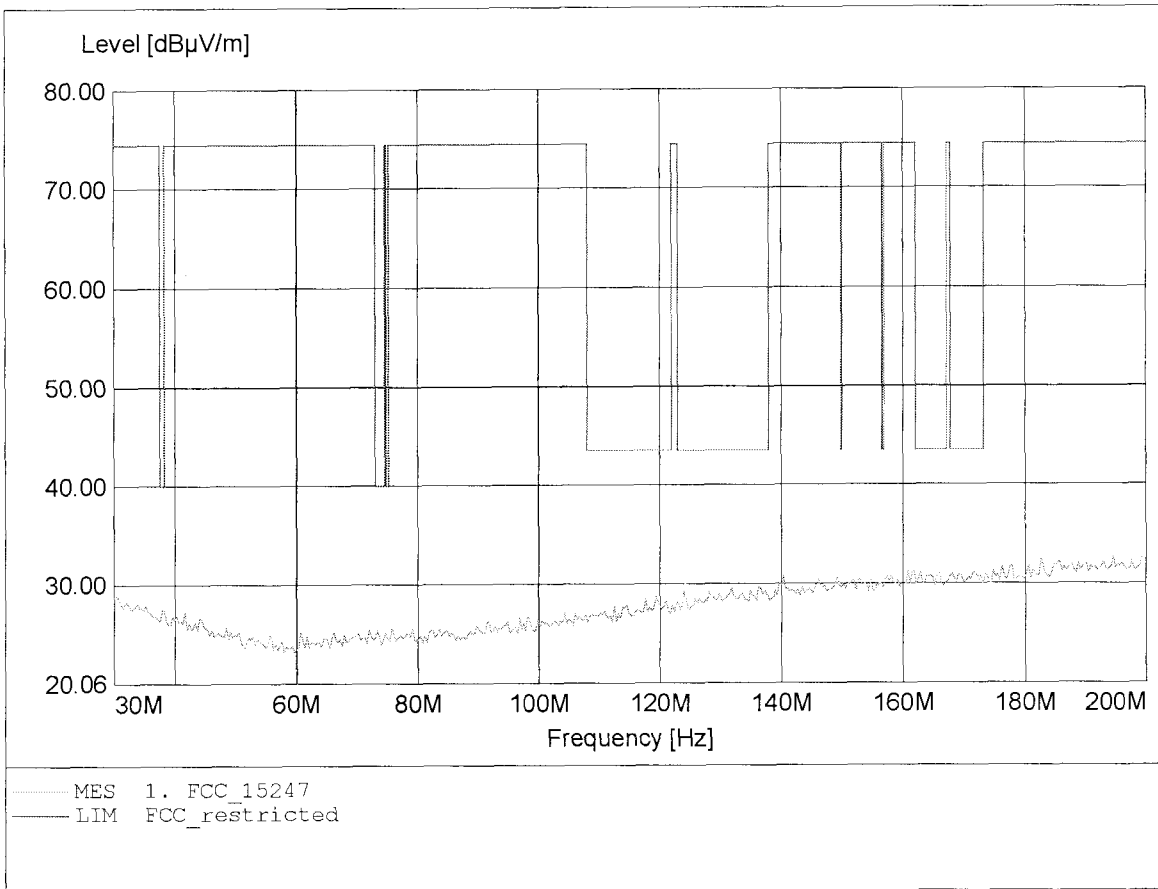
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 191.142MHz, Emax: 32.42dBµV/m, RBW: 100kHz



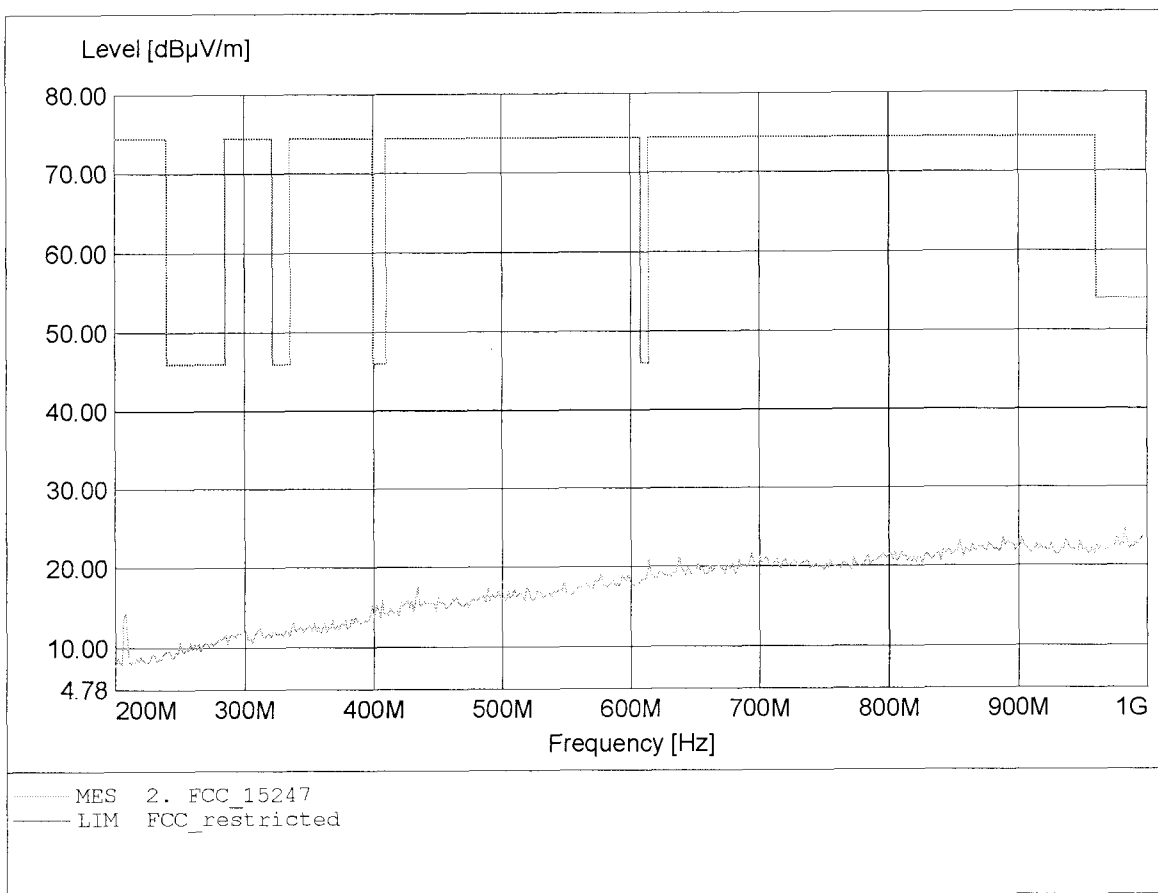
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 199.319MHz, Emax: 32.64dBuV/m, RBW: 100kHz



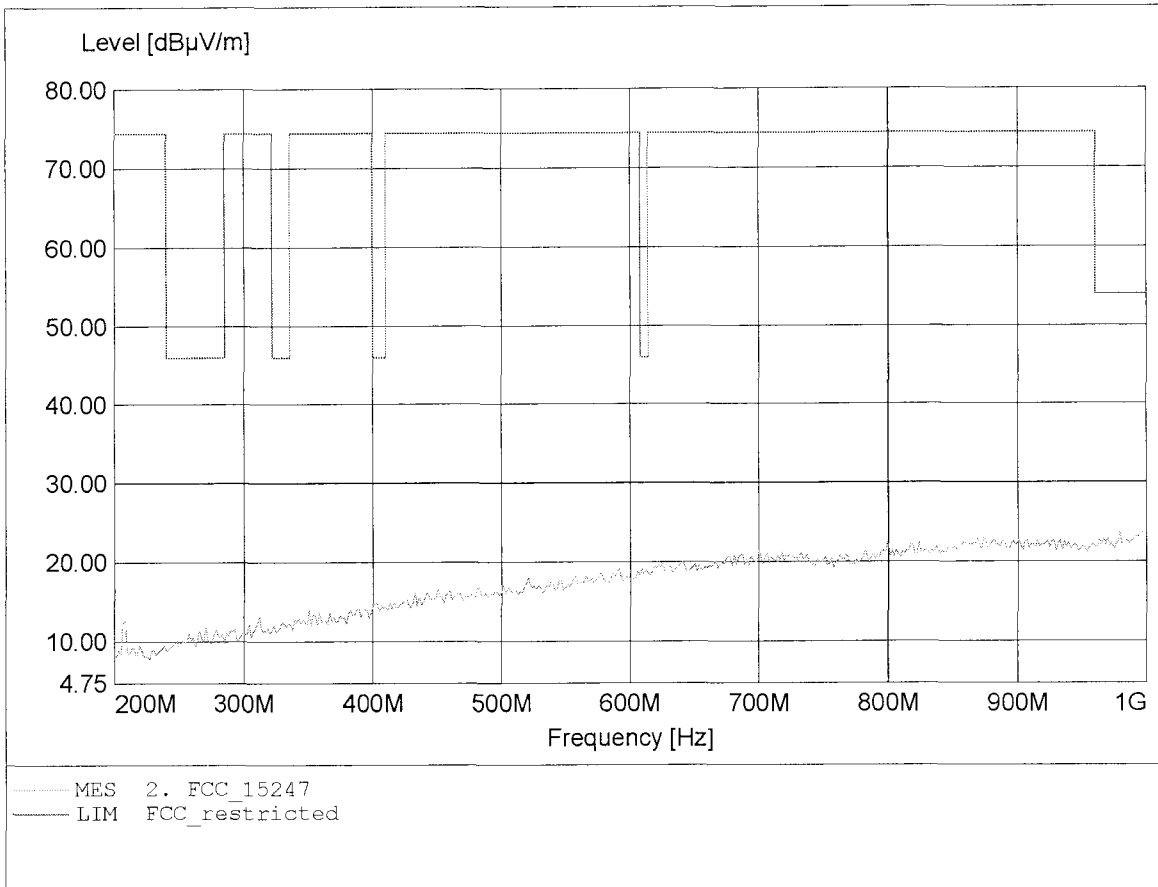
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 982.365MHz, Emax: 24.70dBµV/m, RBW: 100kHz



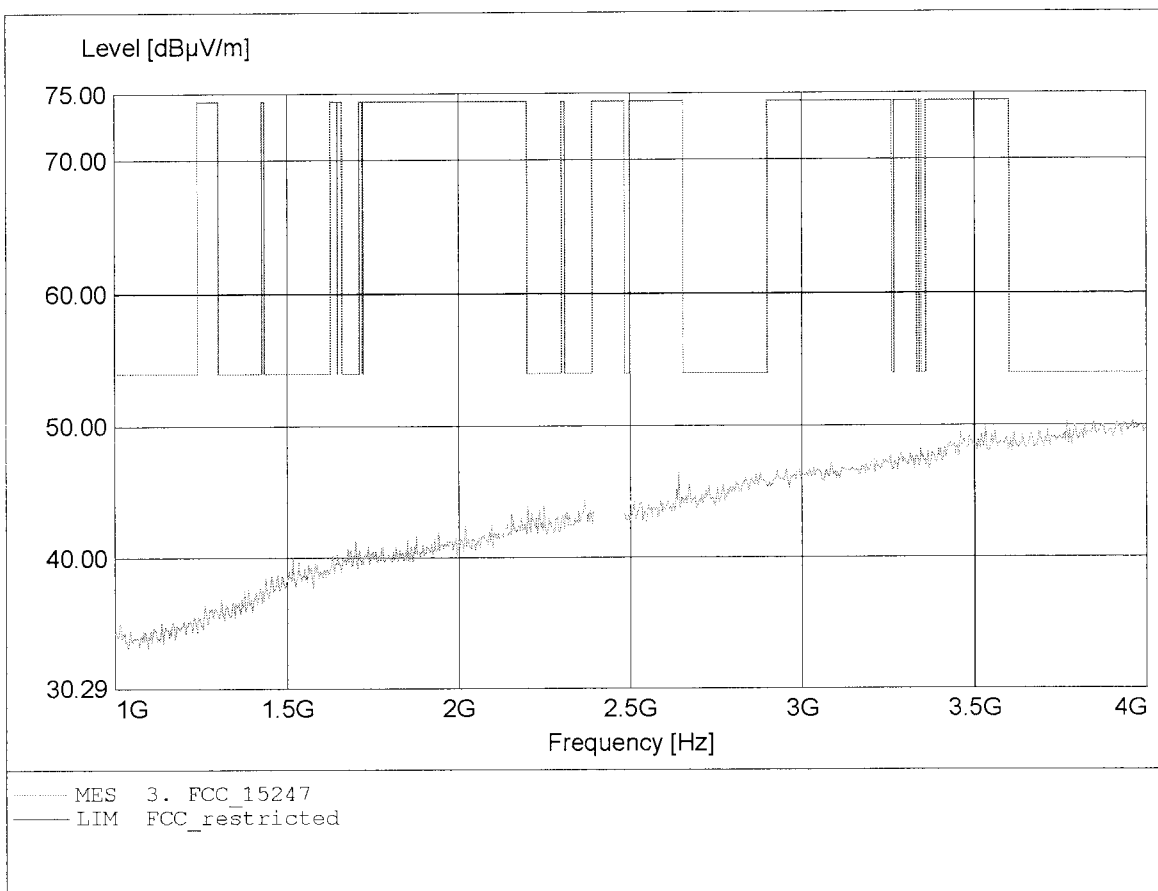
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 979.158MHz, Emax: 23.70dBµV/m, RBW: 100kHz



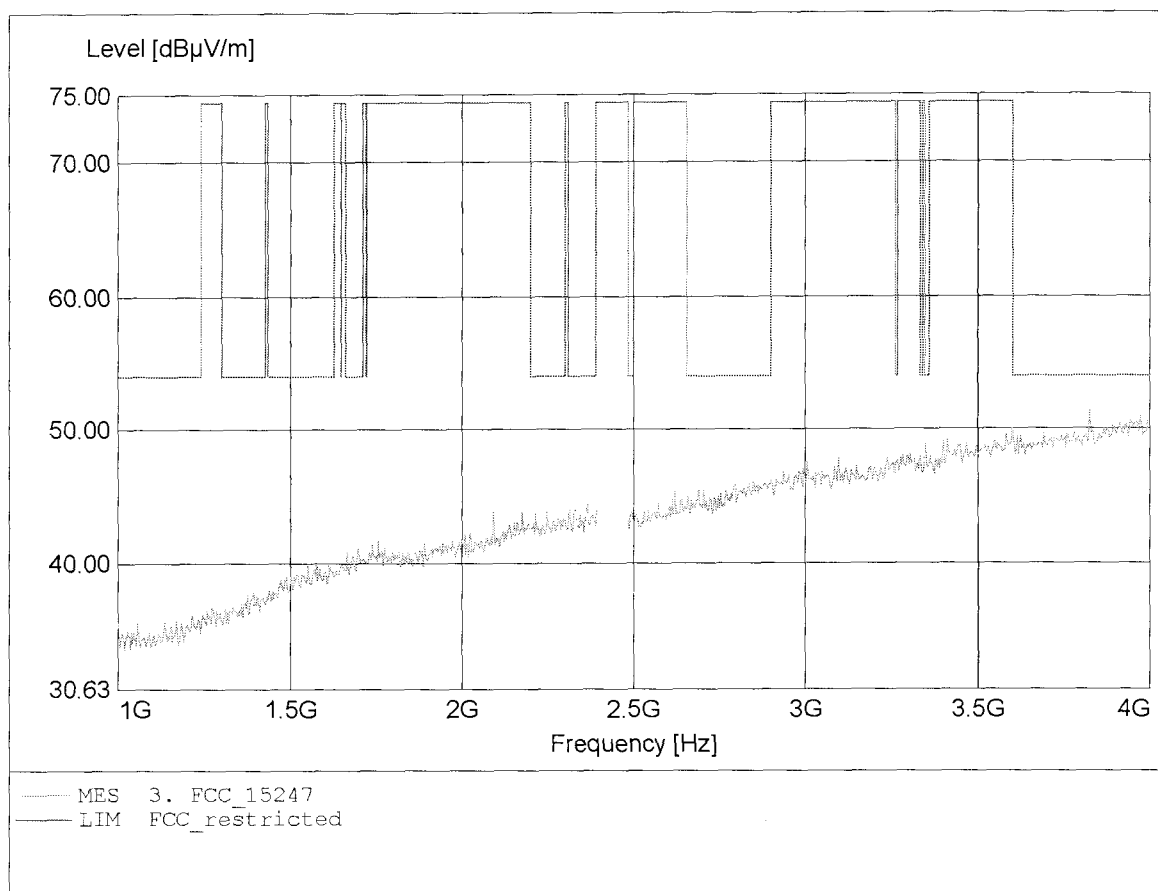
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 3.766GHz, Emax: 50.38dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

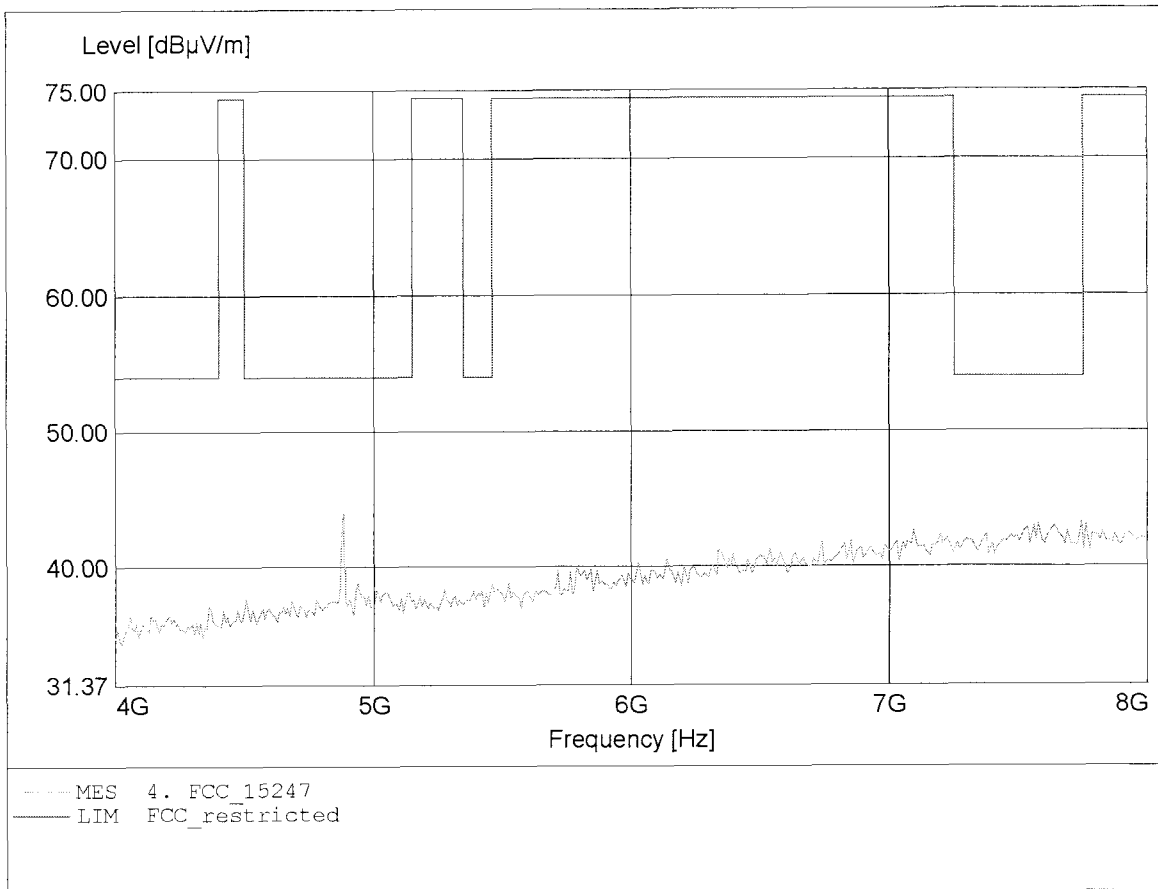
Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 3.824GHz, Emax: 51.34dBμV/m, RBW: 1MHz





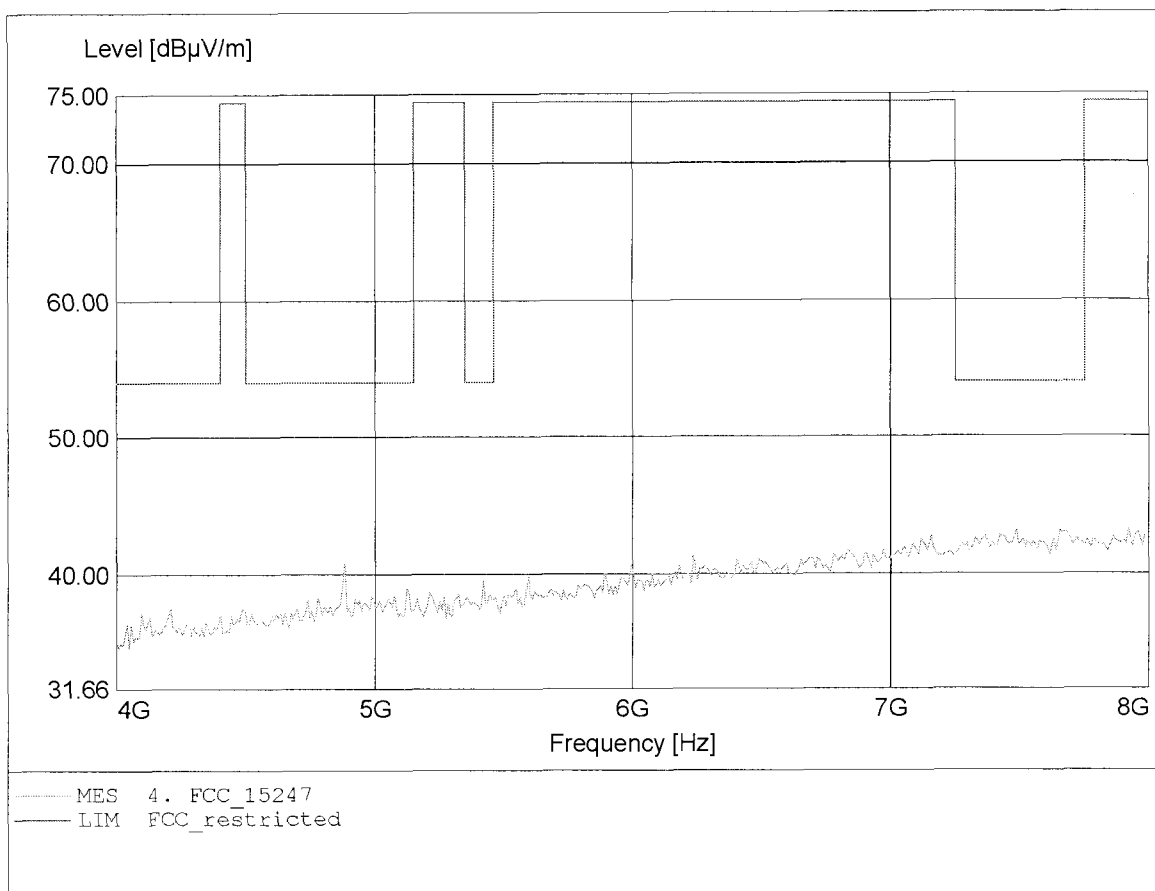
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 4.882GHz, Emax: 44.20dBµV/m, RBW: 1MHz



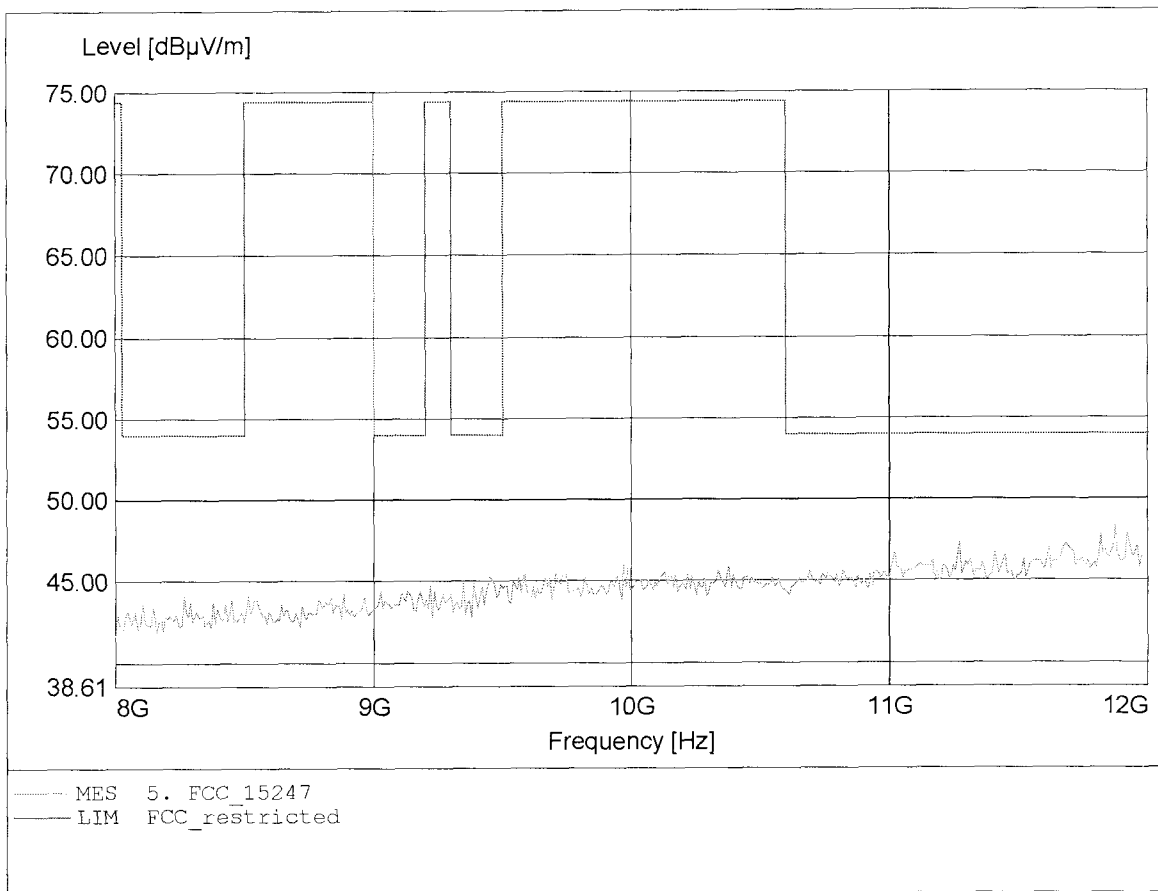
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 7.920GHz, Emax: 43.25dBµV/m, RBW: 1MHz



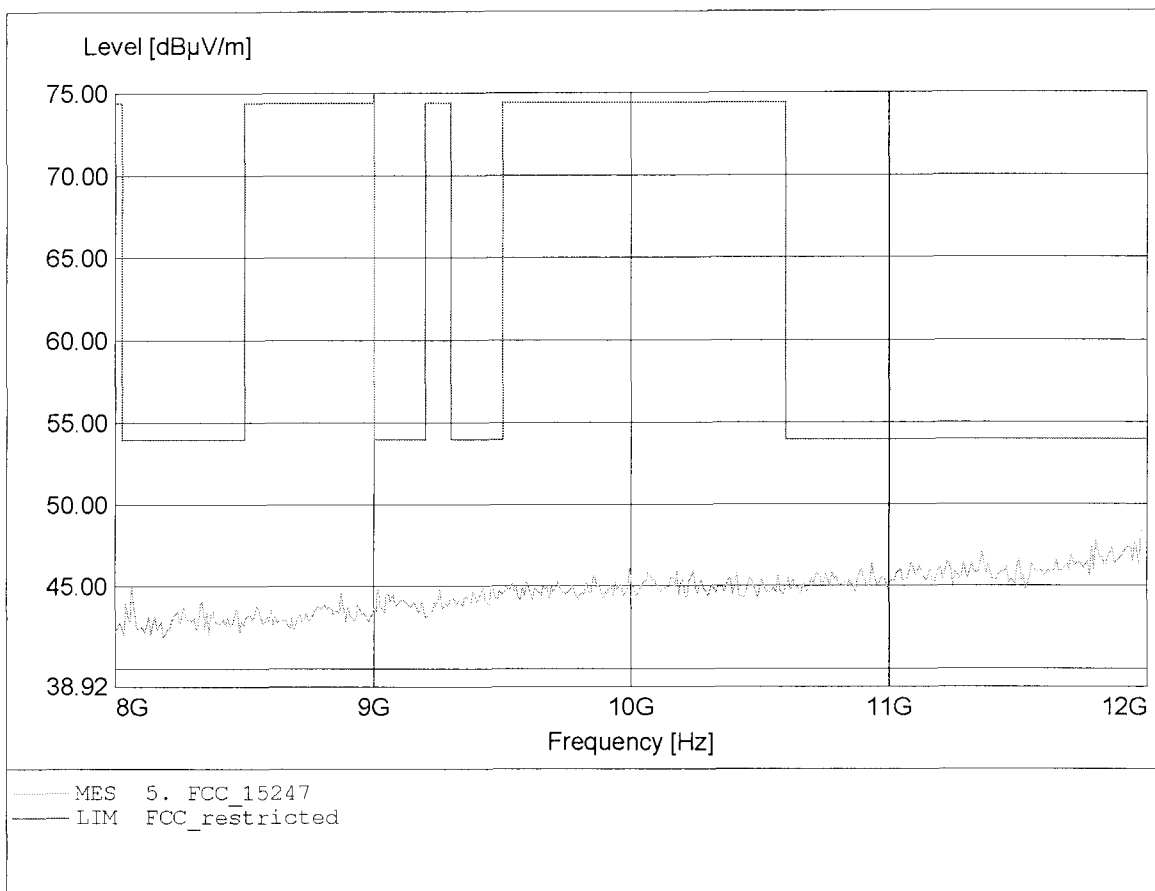
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.872GHz, Emax: 48.32dBµV/m, RBW: 1MHz



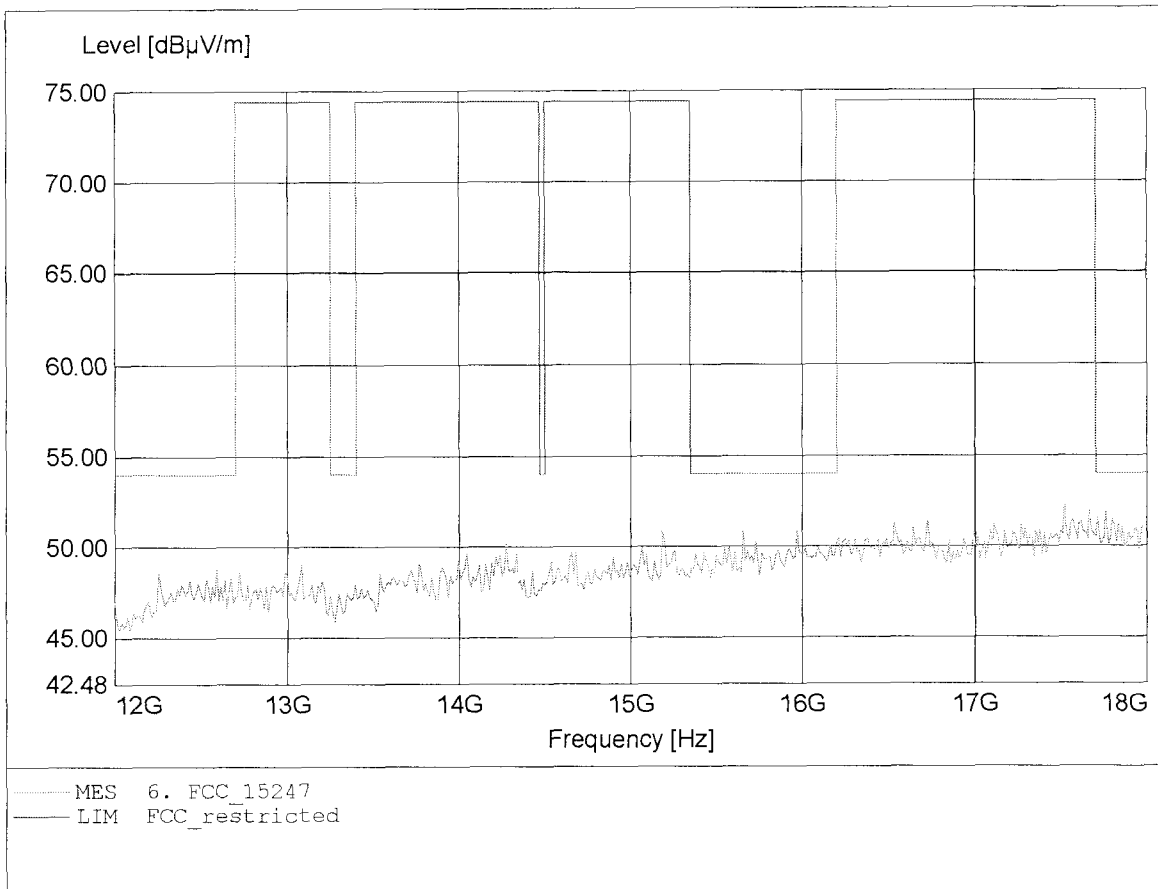
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.976GHz, Emax: 48.41dBµV/m, RBW: 1MHz



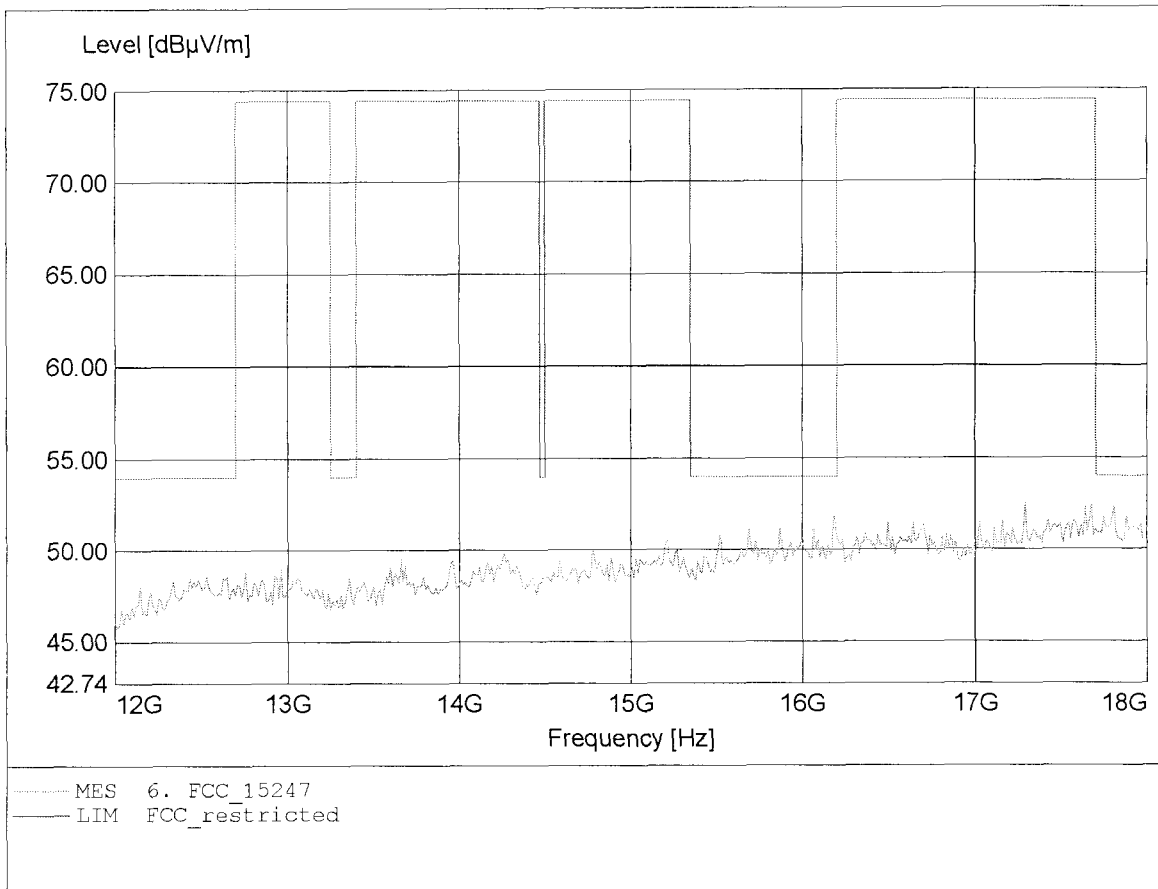
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.519GHz, Emax: 52.28dBµV/m, RBW: 1MHz



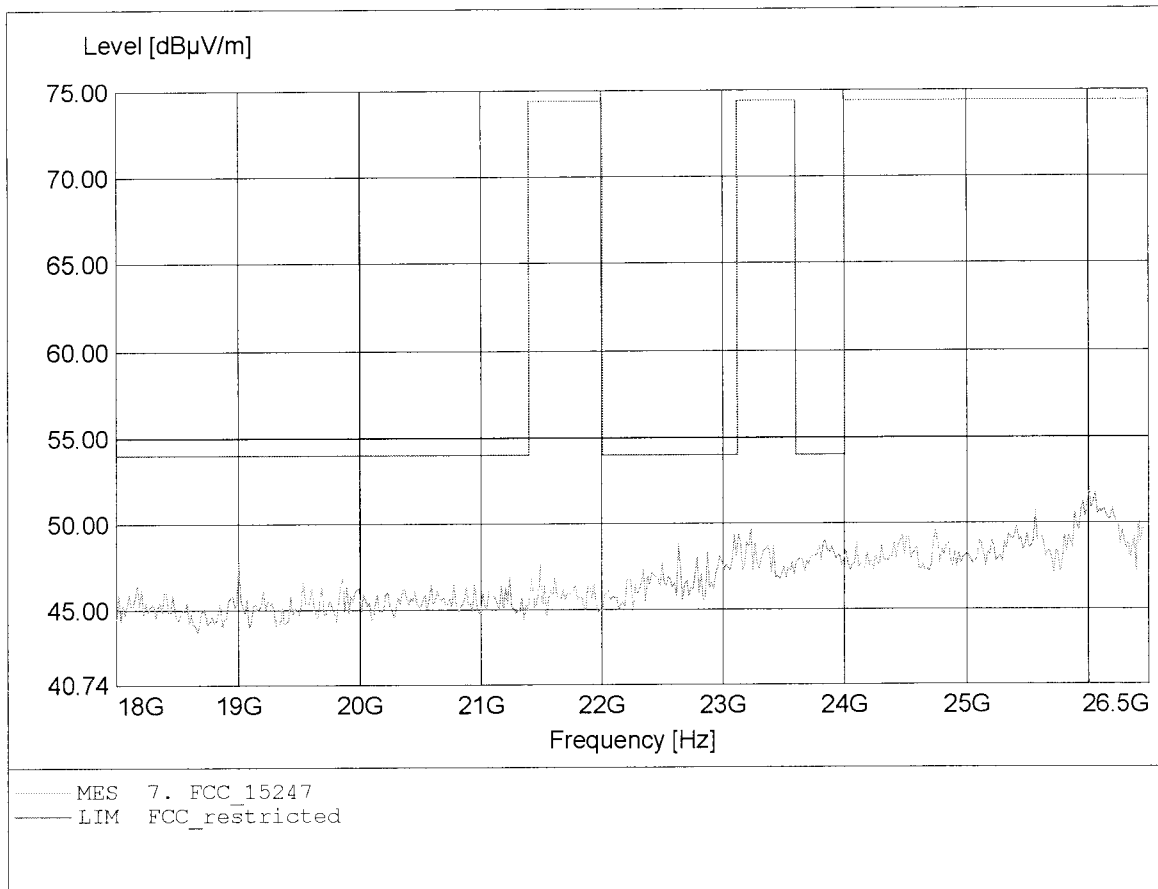
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.291GHz, Emax: 52.51dBµV/m, RBW: 1MHz



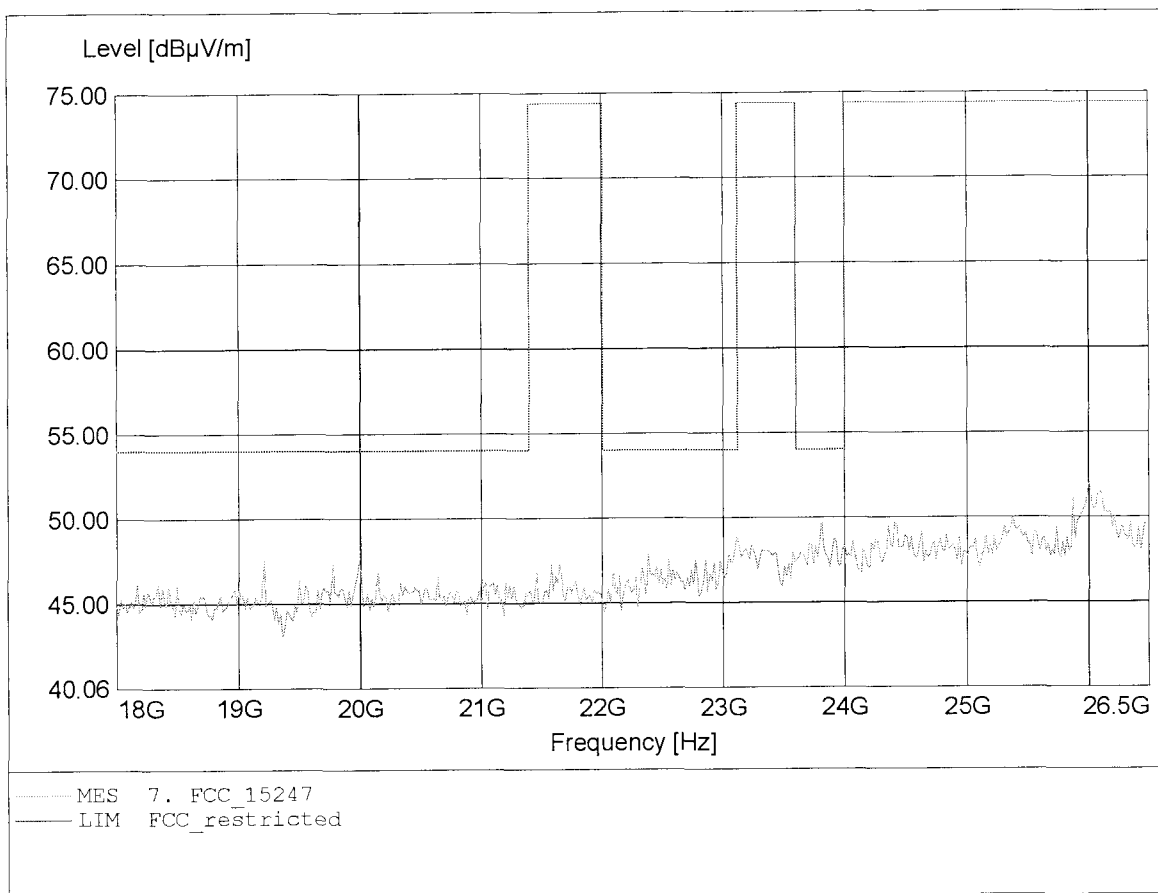
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.006GHz, Emax: 52.06dBμV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

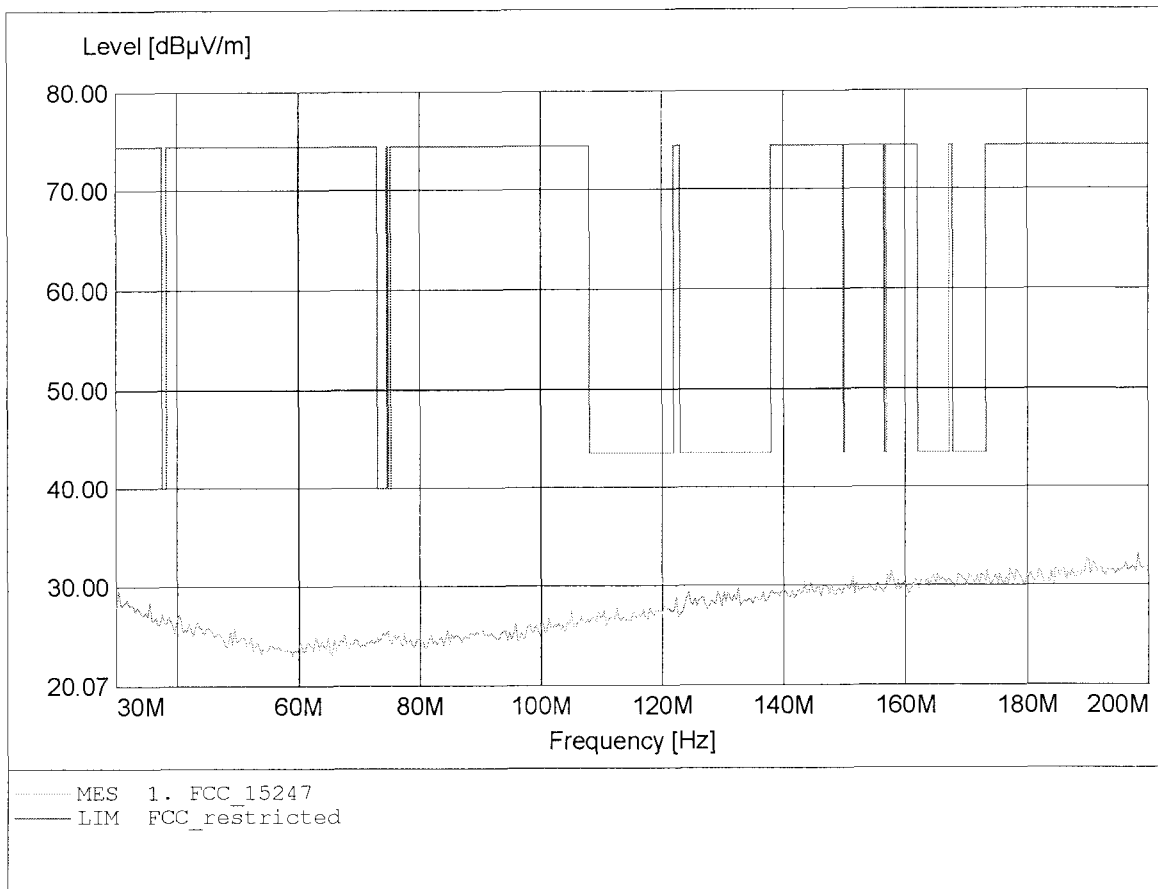
Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2441  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.006GHz, Emax: 52.10dBµV/m, RBW: 1MHz





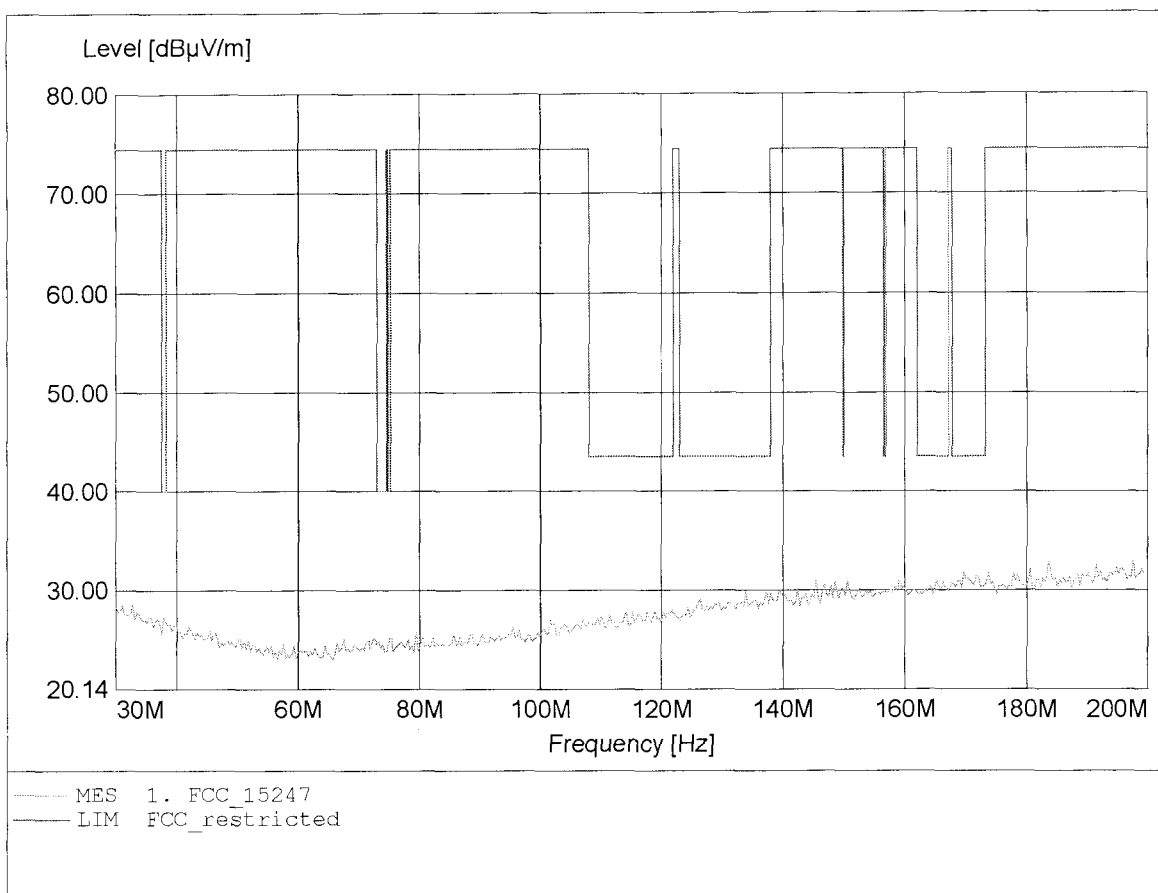
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 198.297MHz, Emax: 33.15dBµV/m, RBW: 100kHz



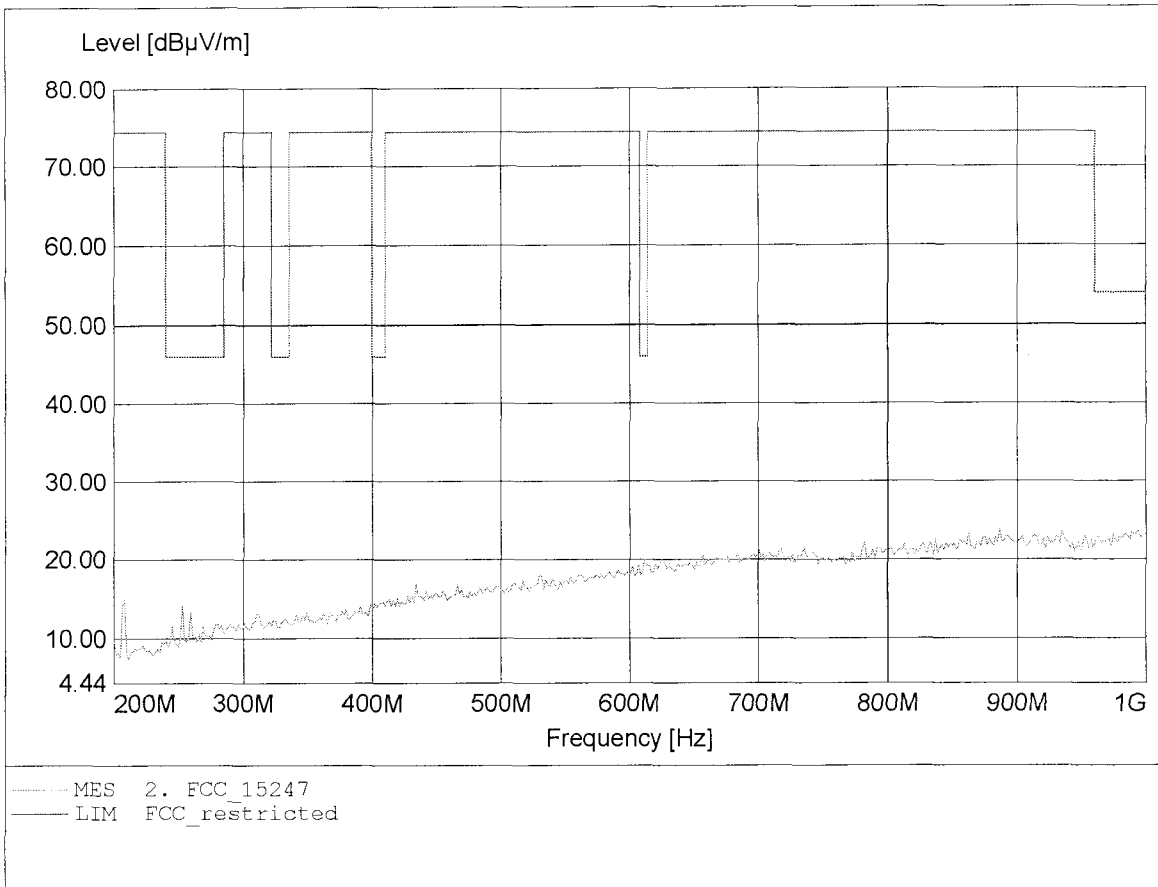
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 197.615MHz, Emax: 32.94dBµV/m, RBW: 100kHz



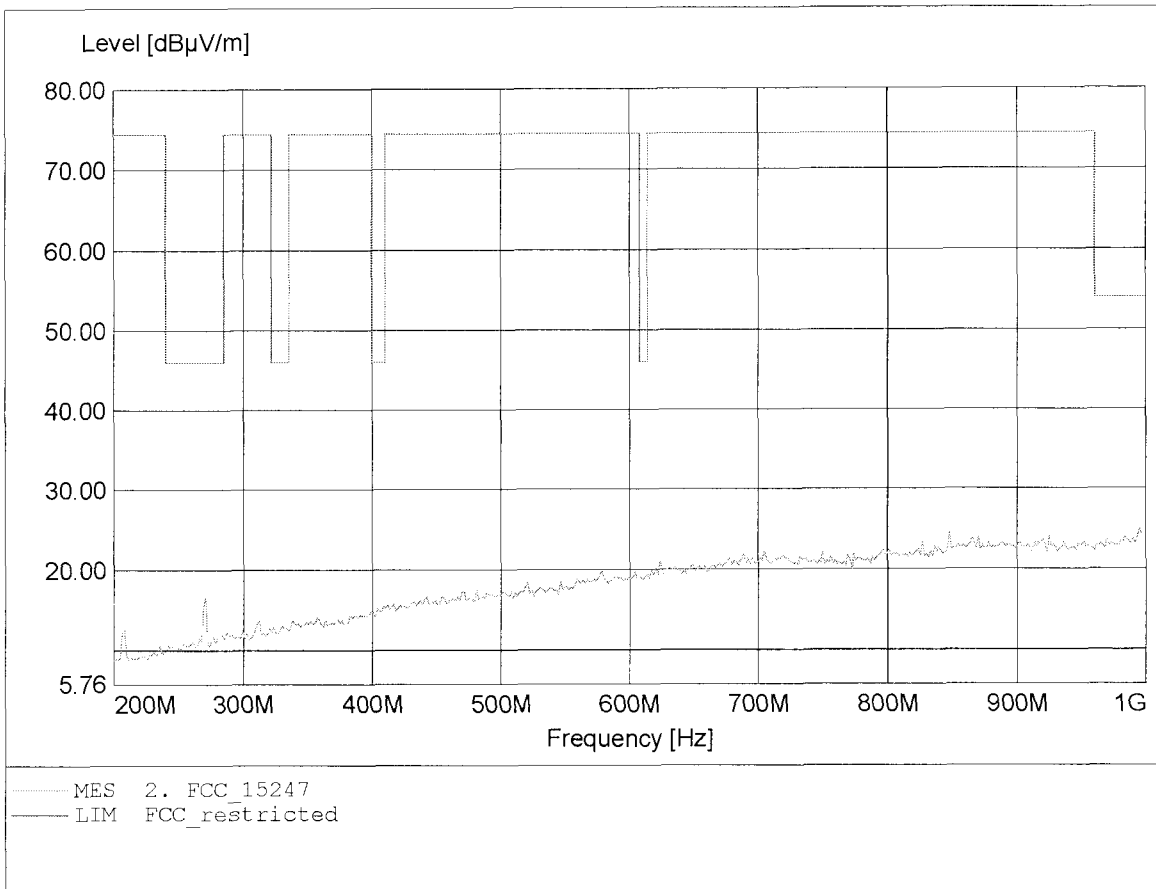
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 886.172MHz, Emax: 23.77dBµV/m, RBW: 100kHz



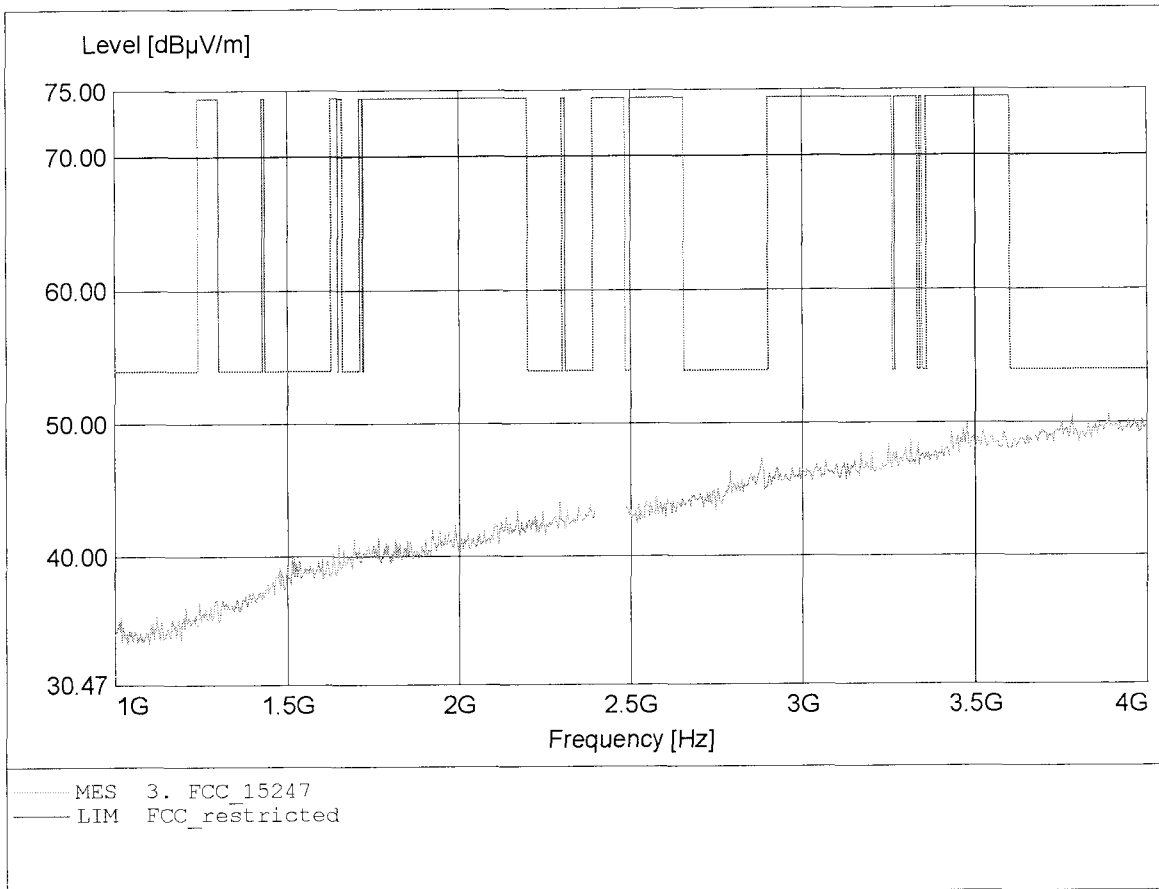
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 995.190MHz, Emax: 24.84dBµV/m, RBW: 100kHz



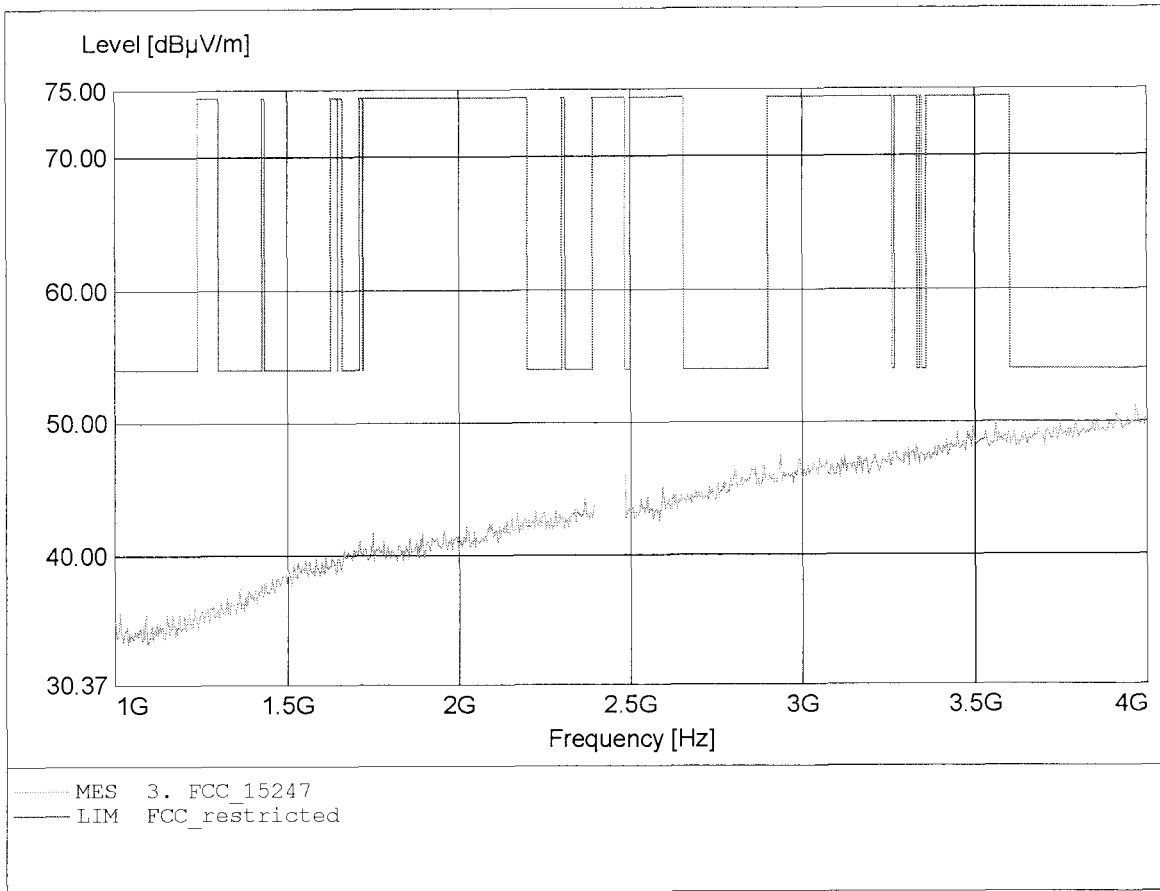
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 3.888GHz, Emax: 50.59dBµV/m, RBW: 1MHz



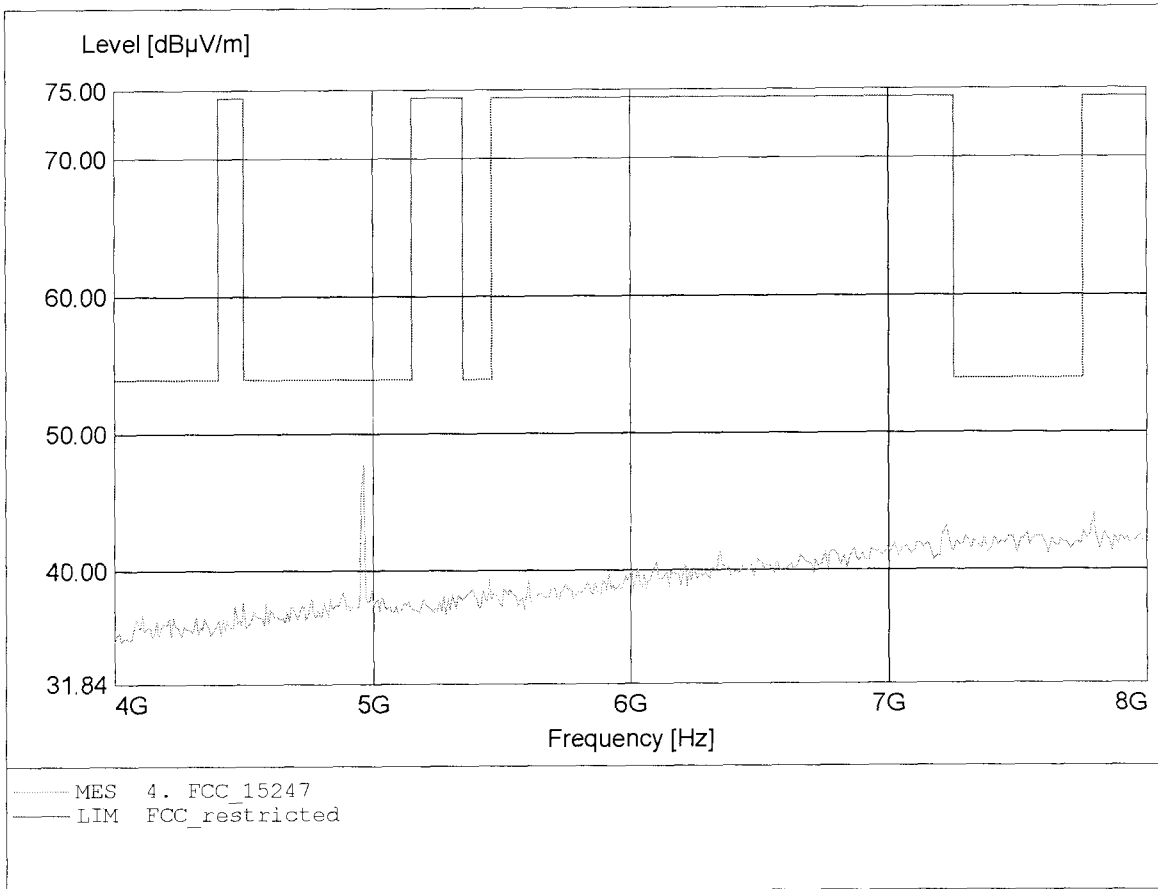
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 3.967GHz, Emax: 51.30dBμV/m, RBW: 1MHz



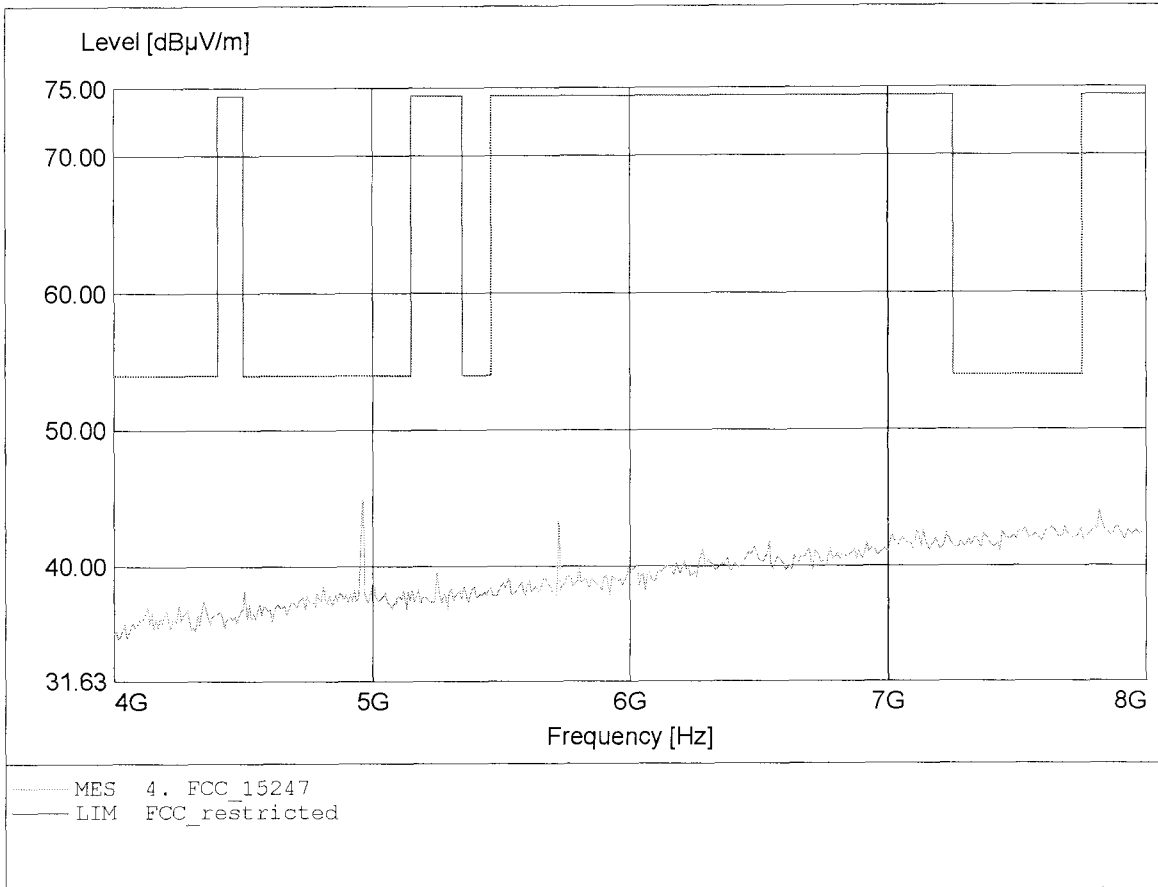
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 4.962GHz, Emax: 47.73dB $\mu$ V/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

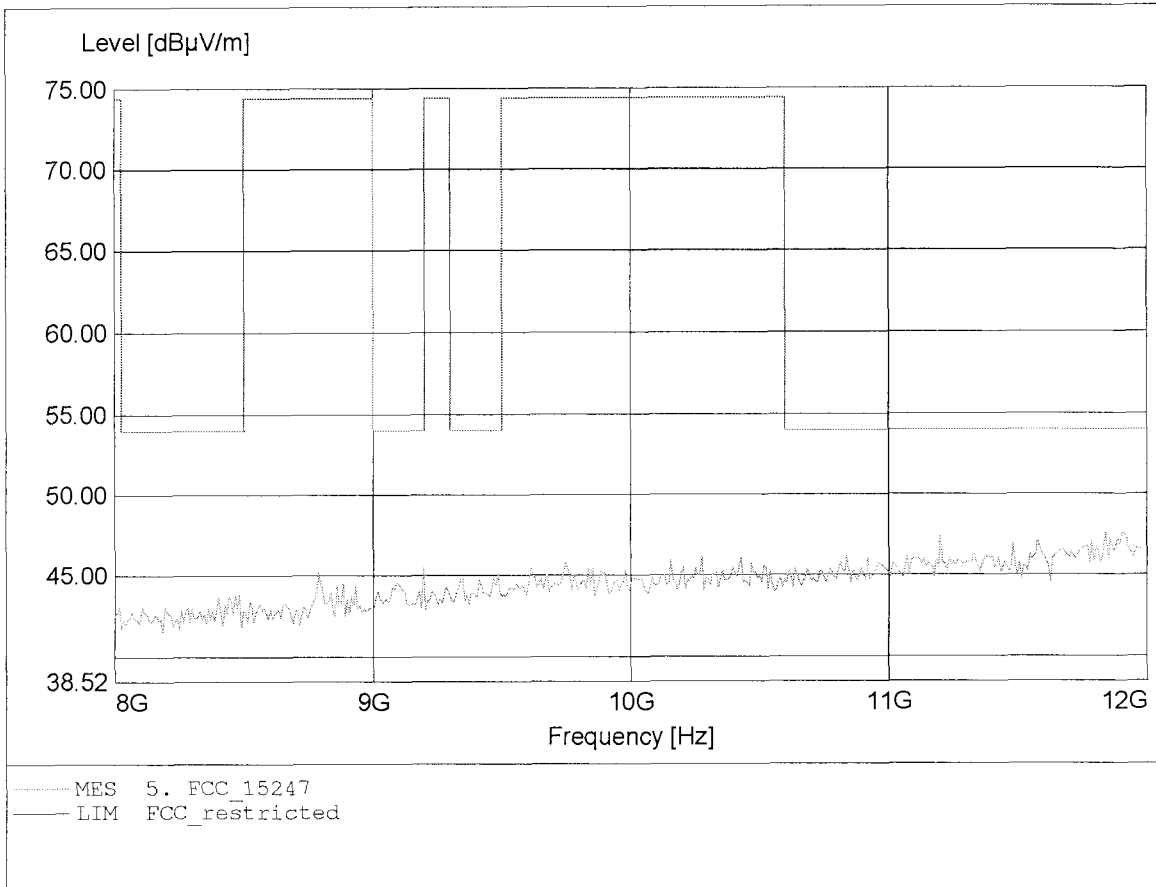
Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 4.962GHz, Emax: 44.91dBµV/m, RBW: 1MHz





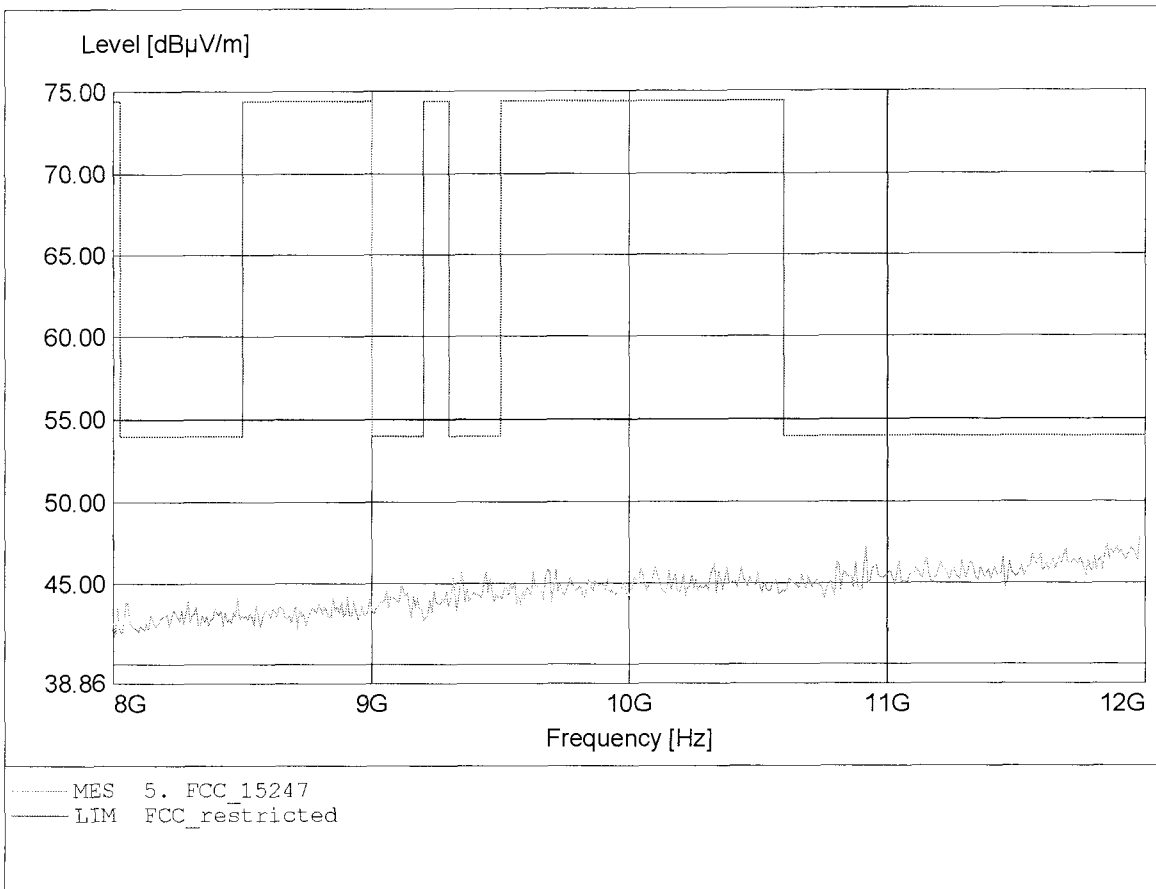
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.904GHz, Emax: 47.60dBµV/m, RBW: 1MHz



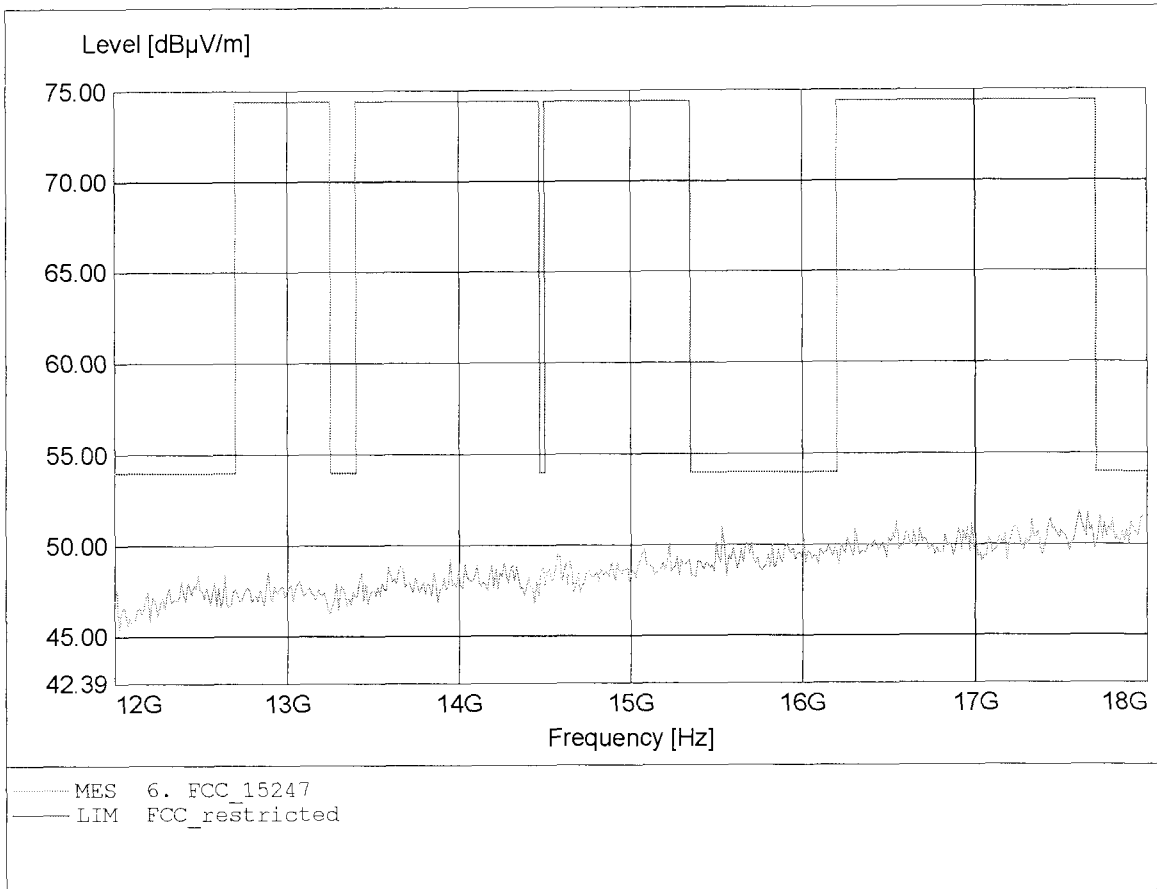
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 11.976GHz, Emax: 47.78dBµV/m, RBW: 1MHz



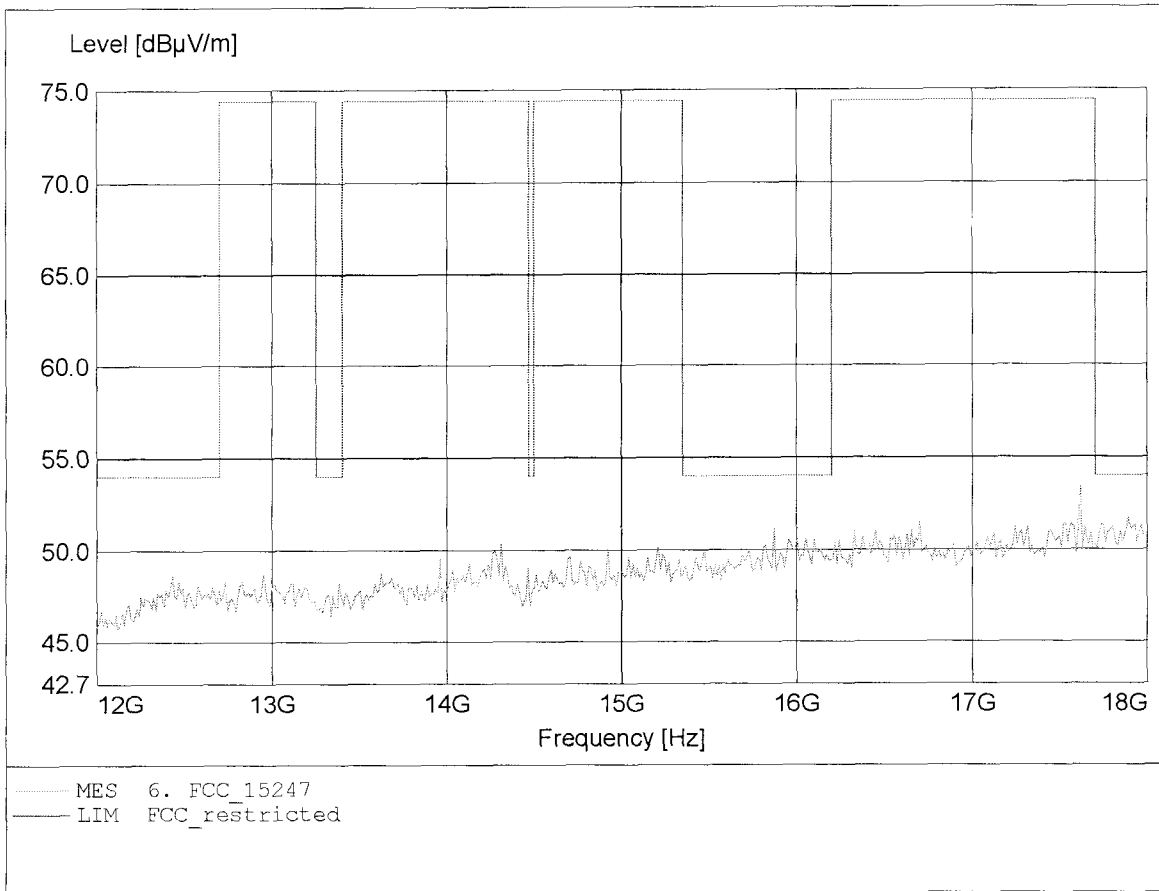
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.603GHz, Emax: 51.81dBµV/m, RBW: 1MHz



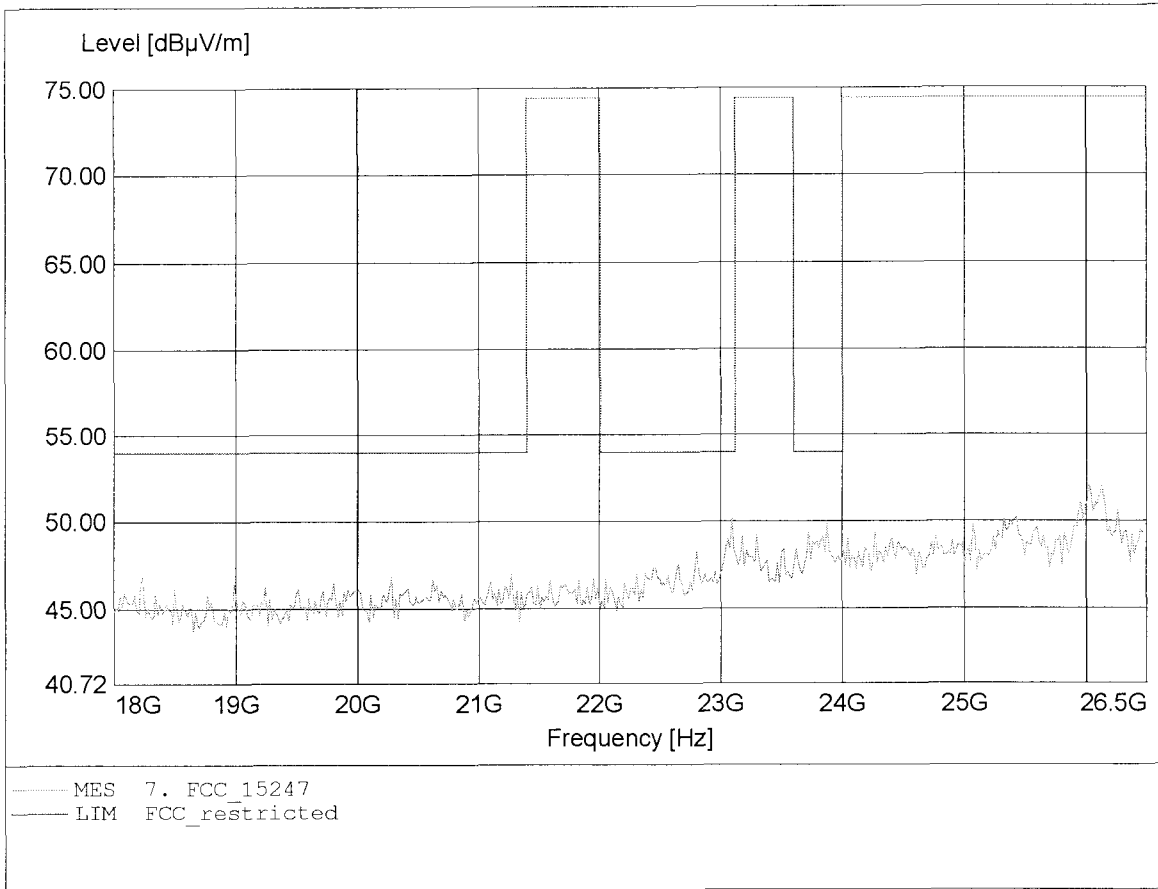
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Comment 2: Freq: 17.615GHz, Emax: 53.43dB $\mu$ V/m, RBW: 1MHz



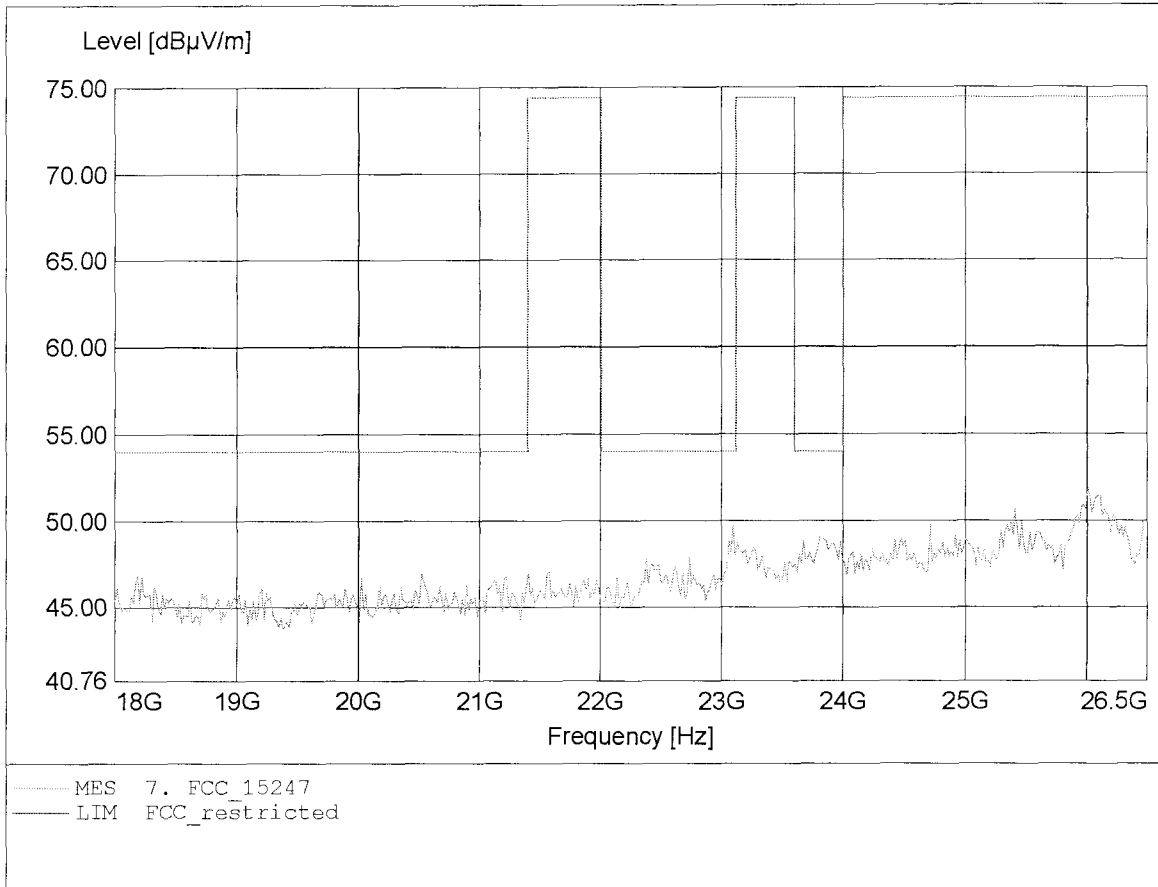
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.023GHz, Emax: 52.02dBμV/m, RBW: 1MHz



**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

Approval Holder: Pantech Co., Ltd  
EUT: GSM Phone  
Model / Channel: C150 / 2480  
Test Site / Operator: ETS / Mr. Meng  
Operating Conditions: 23°C / Unom.: 4.00 V DC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 26.006GHz, Emax: 51.89dBμV/m, RBW: 1MHz

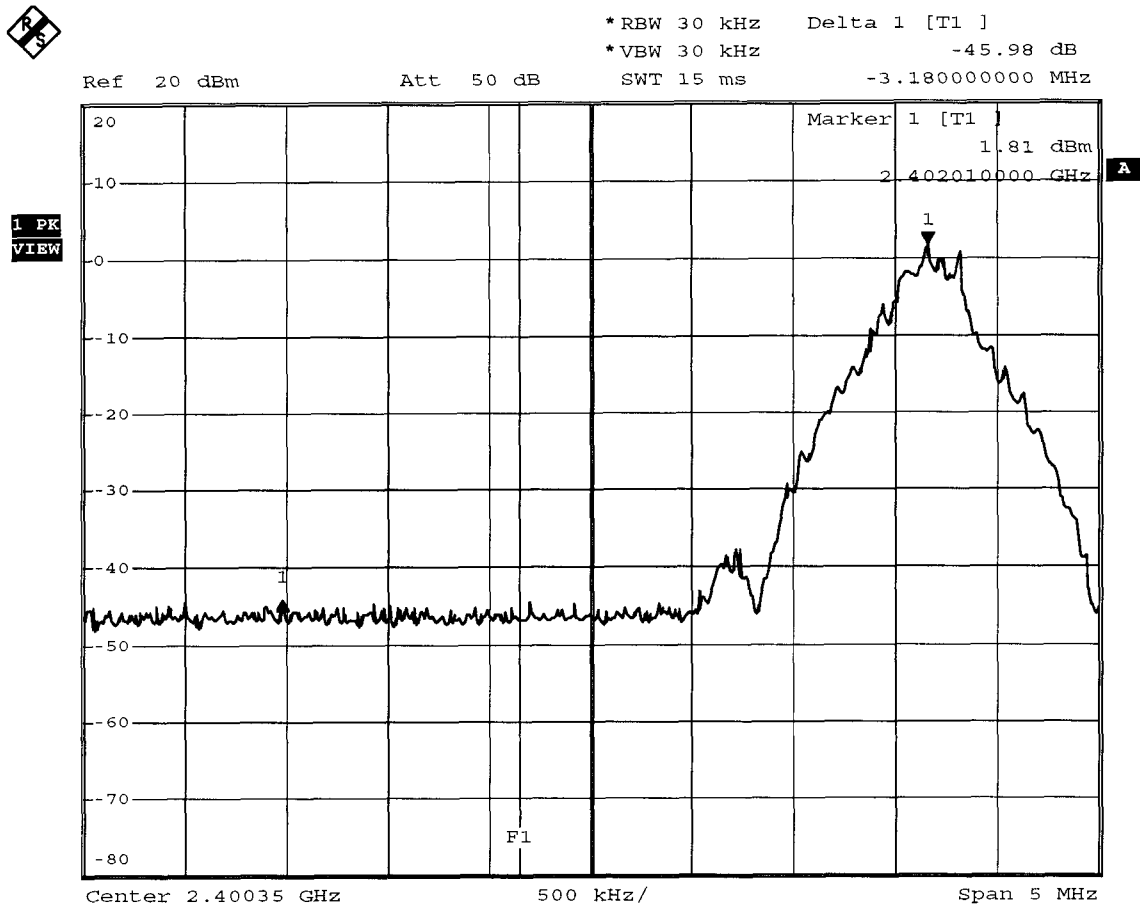


## Appendix J

Band-edge compliance

FCC part 15.247  
 Band-edge compliance of RF conducted emissions

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / 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



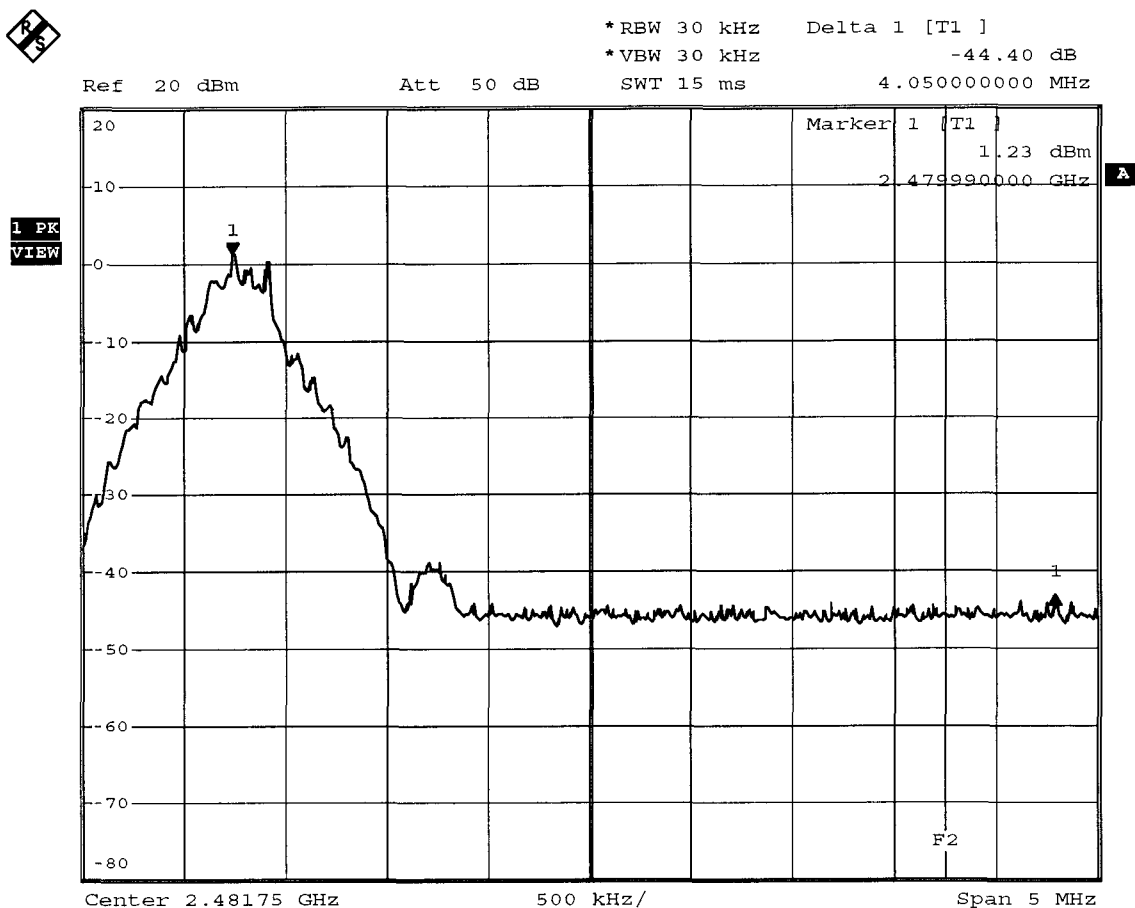
Comment: Limit: Marker Delta value >20 dB; Result: PASS  
 Date: 9.FEB.2007 10:07:30

Measurement diagram



FCC part 15.247  
Band-edge compliance of RF conducted emissions

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / 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

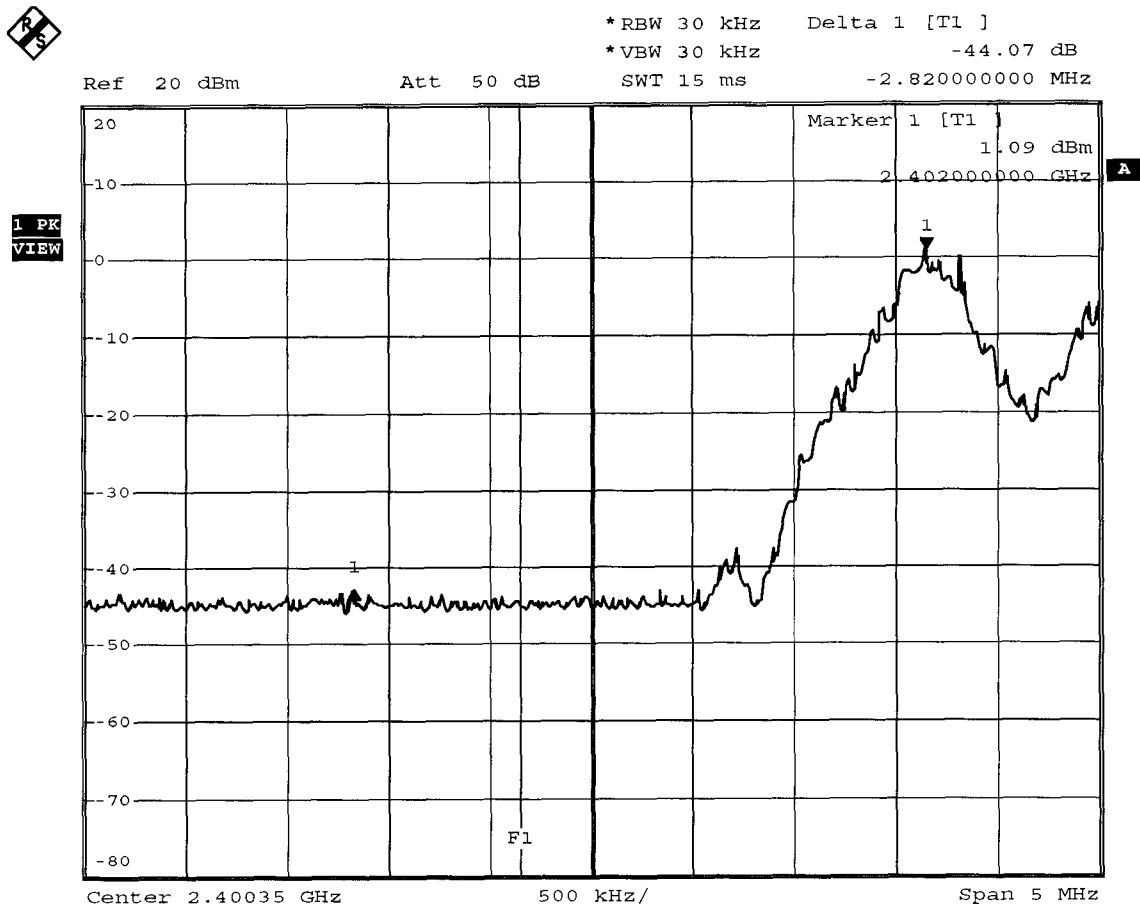


Comment: Limit: Marker Delta value >20 dB; Result: PASS  
Date: 9.FEB.2007 10:09:33

Measurement diagram

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

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / 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

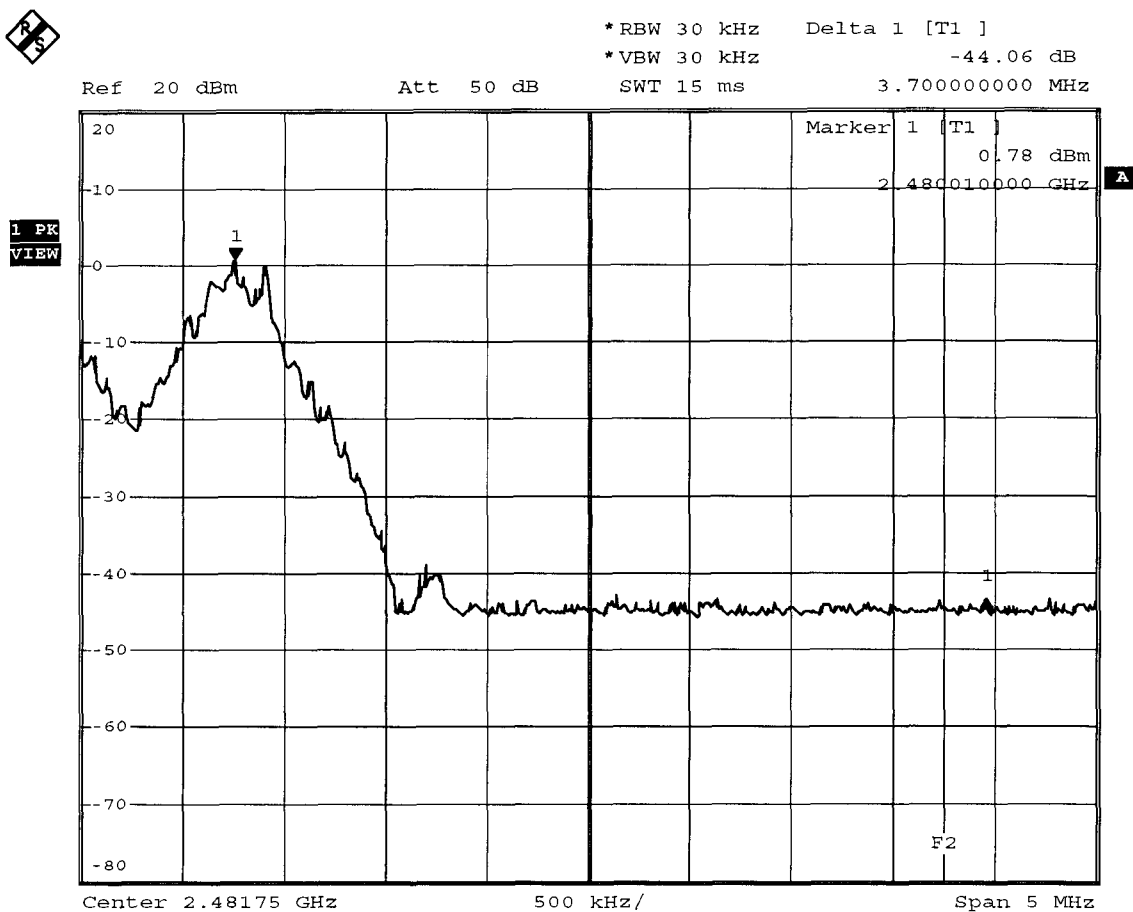


Comment: Limit: Marker Delta value >20 dB; Result: PASS  
 Date: 9.FEB.2007 10:29:46

Measurement diagram

FCC part 15.247  
Band-edge compliance of RF conducted emissions

EUT	GSM Phone
Model	C150
Approval Holder	Pantech Co., Ltd.
Temperature / Voltage	25°C / Vnom
Test Site / Operator	ETS Product Service AG / 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: 9.FEB.2007 10:36:20

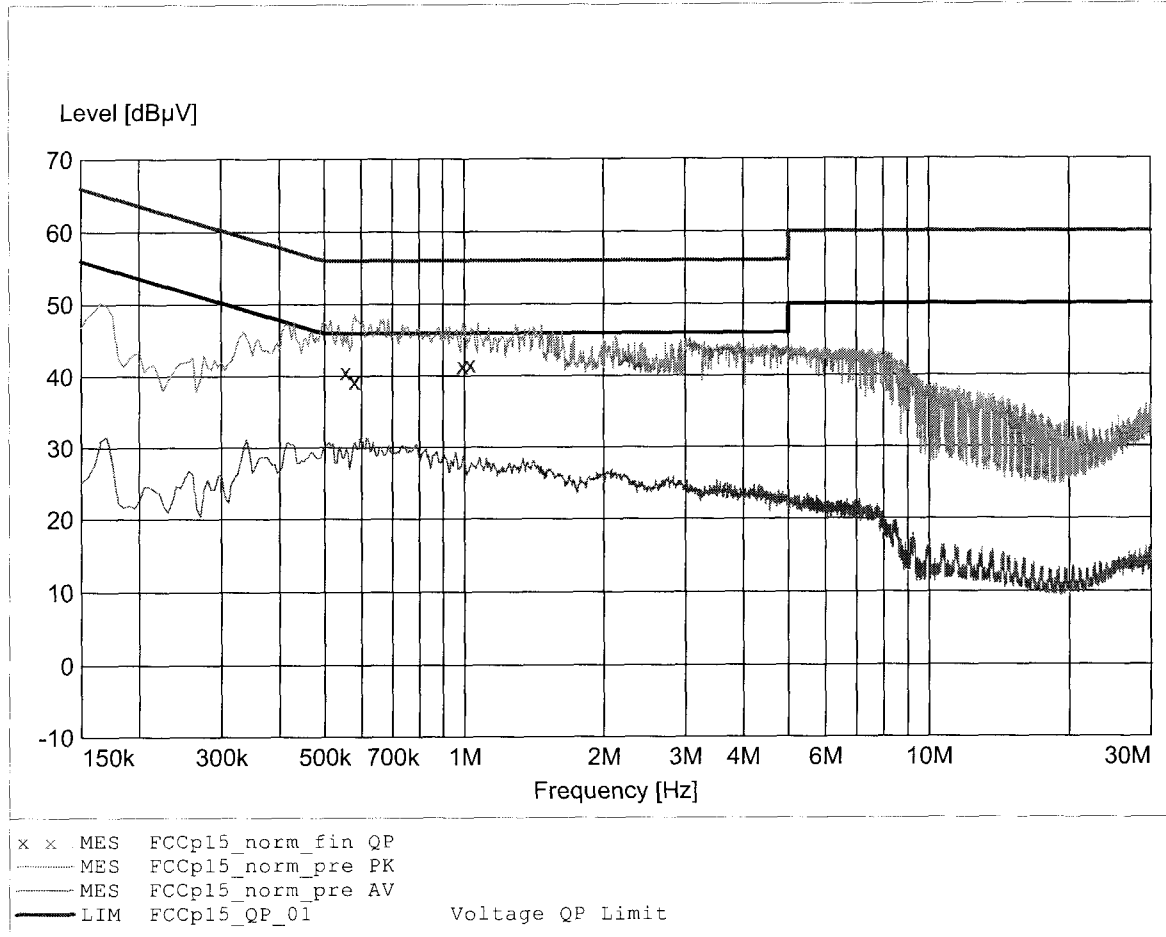
Measurement diagram

## Appendix K

AC power line conducted emissions

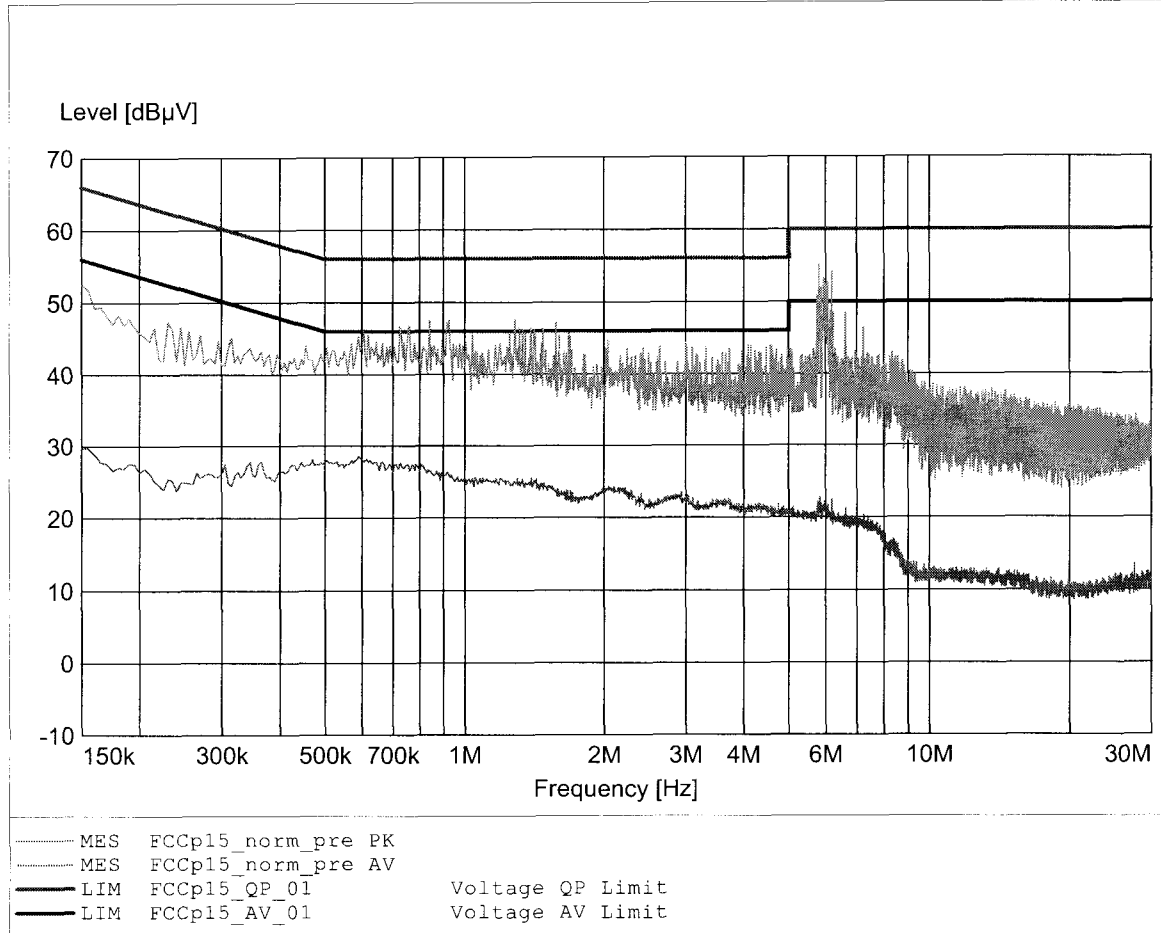
**EMI voltage test in the ac-mains according to FCC part 15**

EUT: Triple Band GSM 850/DCS 1800/PCS 1900  
 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120 VA(AC/DC-adaptor), Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (L1)  
 Comment: model: C150 mode: charging only  
 adaptor: PTA-5070C9EU



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 Manufacturer: Pantech Co., Ltd.  
 Operating Condition: Unom: 120 VA(AC/DC-adaptor), Tnom: 23°C  
 Test Site: ETS  
 Operator: Mr. Pflug  
 Test Specification: V-Network: ESH2-Z5 (N)  
 Comment: model: C150 mode: charging only  
 adaptor: PTA-5070C9EU



## Appendix L

Receiver radiated emissions