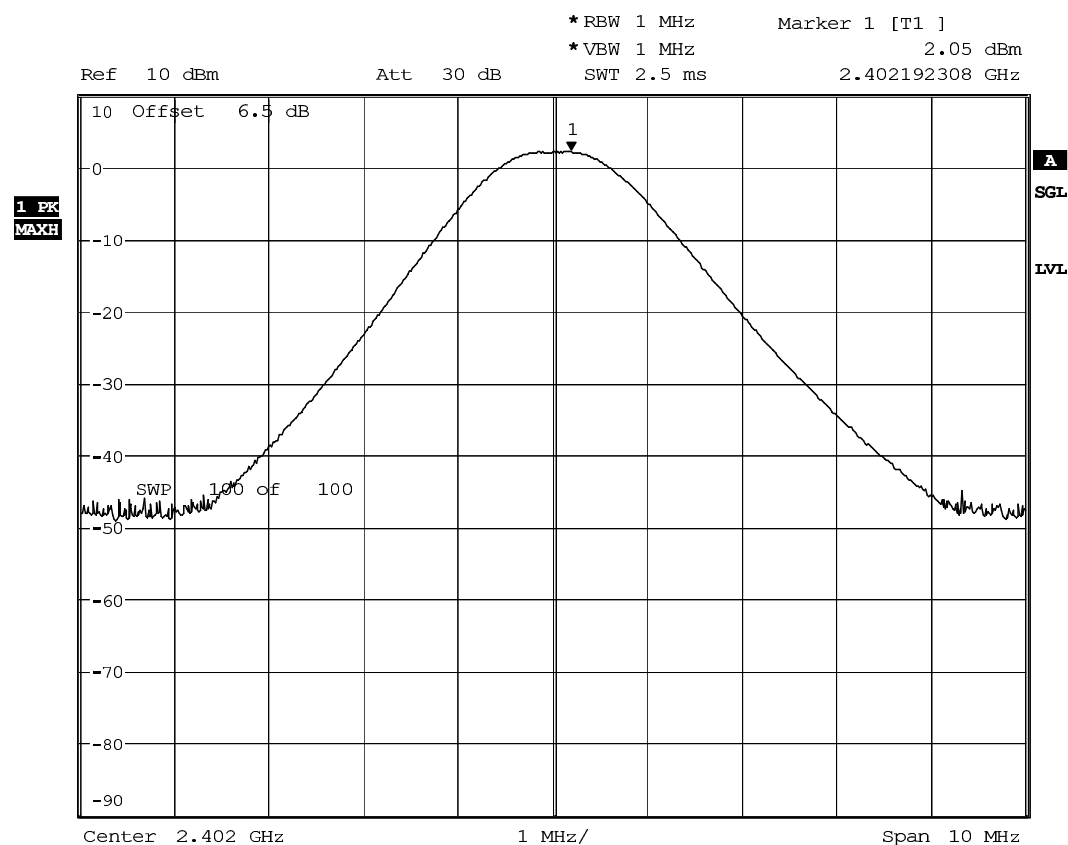


Appendix B

RF power output conducted

FCC part 15.247**Peak output power conducted**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



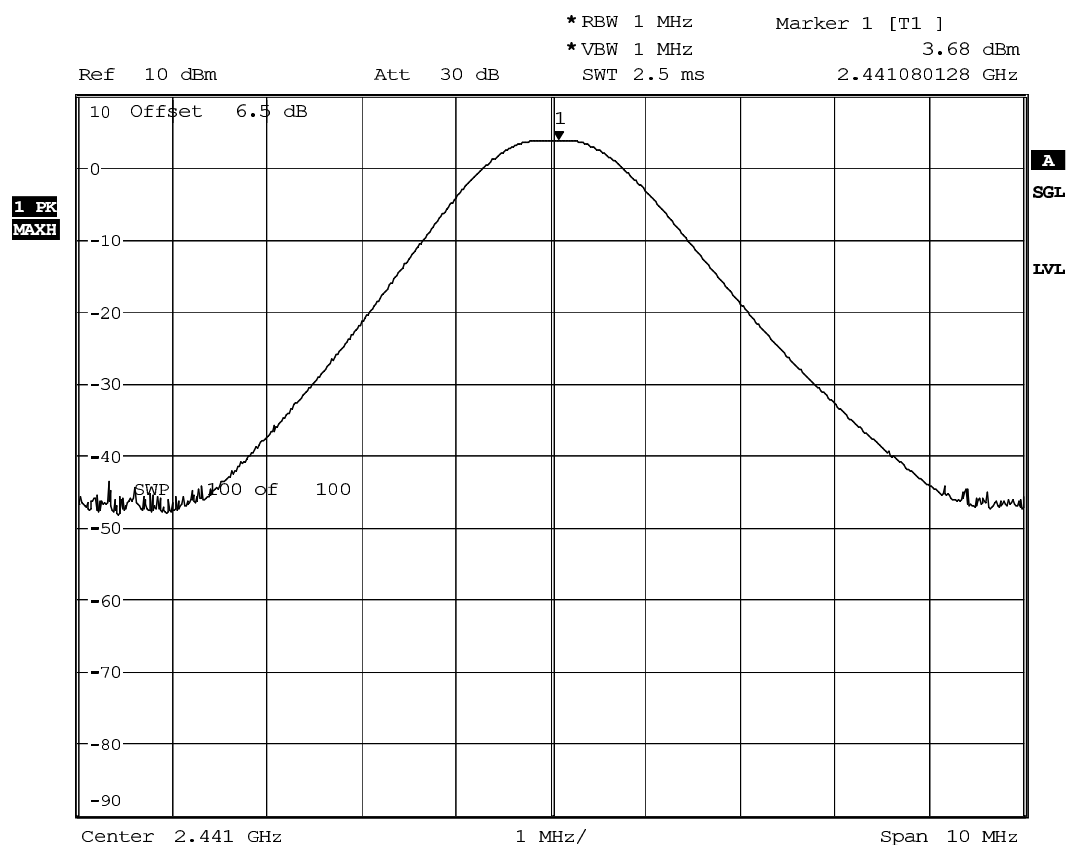
Output power=2.05 dBm; verdict: PASS

Date: 25.JUL.2006 09:16:53

Measurement diagram

FCC part 15.247**Peak output power conducted**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



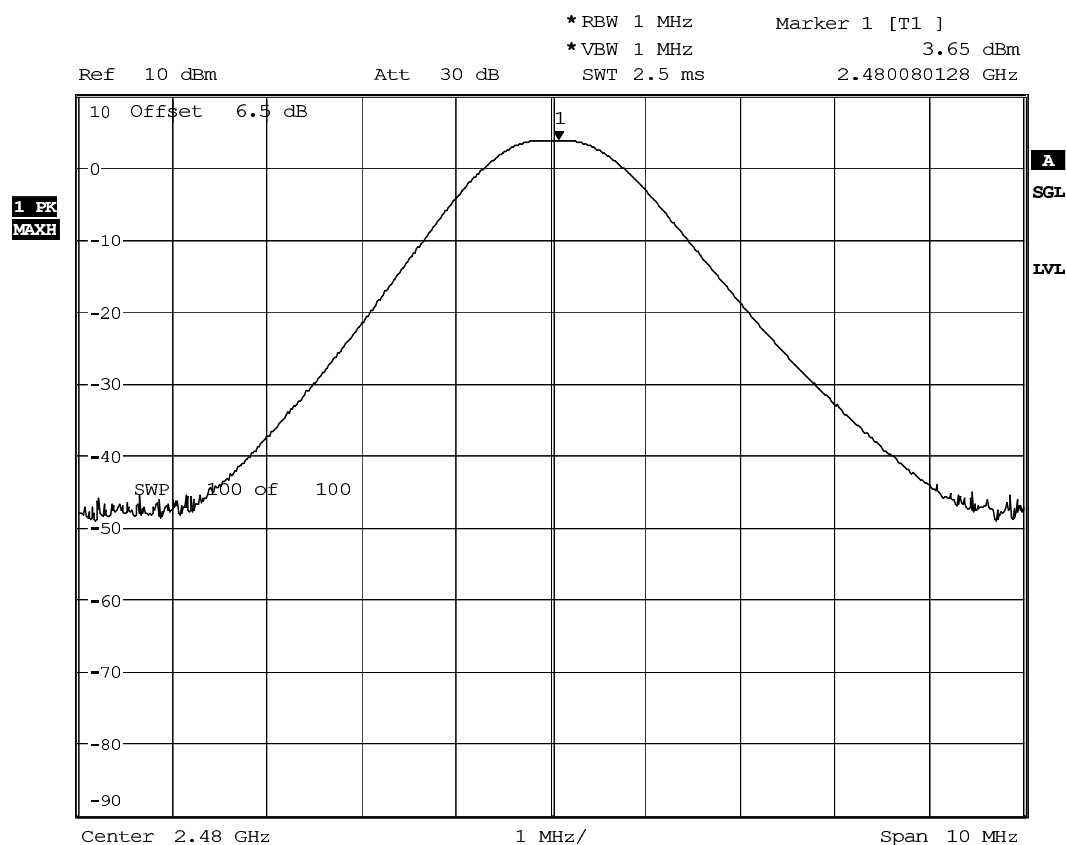
Output power=3.68 dBm; verdict: PASS

Date: 25.JUL.2006 09:21:16

Measurement diagram

FCC part 15.247**Peak output power conducted**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(b)
Comment 1	Peak output power
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



Output power=3.65 dBm; verdict: PASS

Date: 25.JUL.2006 09:23:58

Measurement diagram

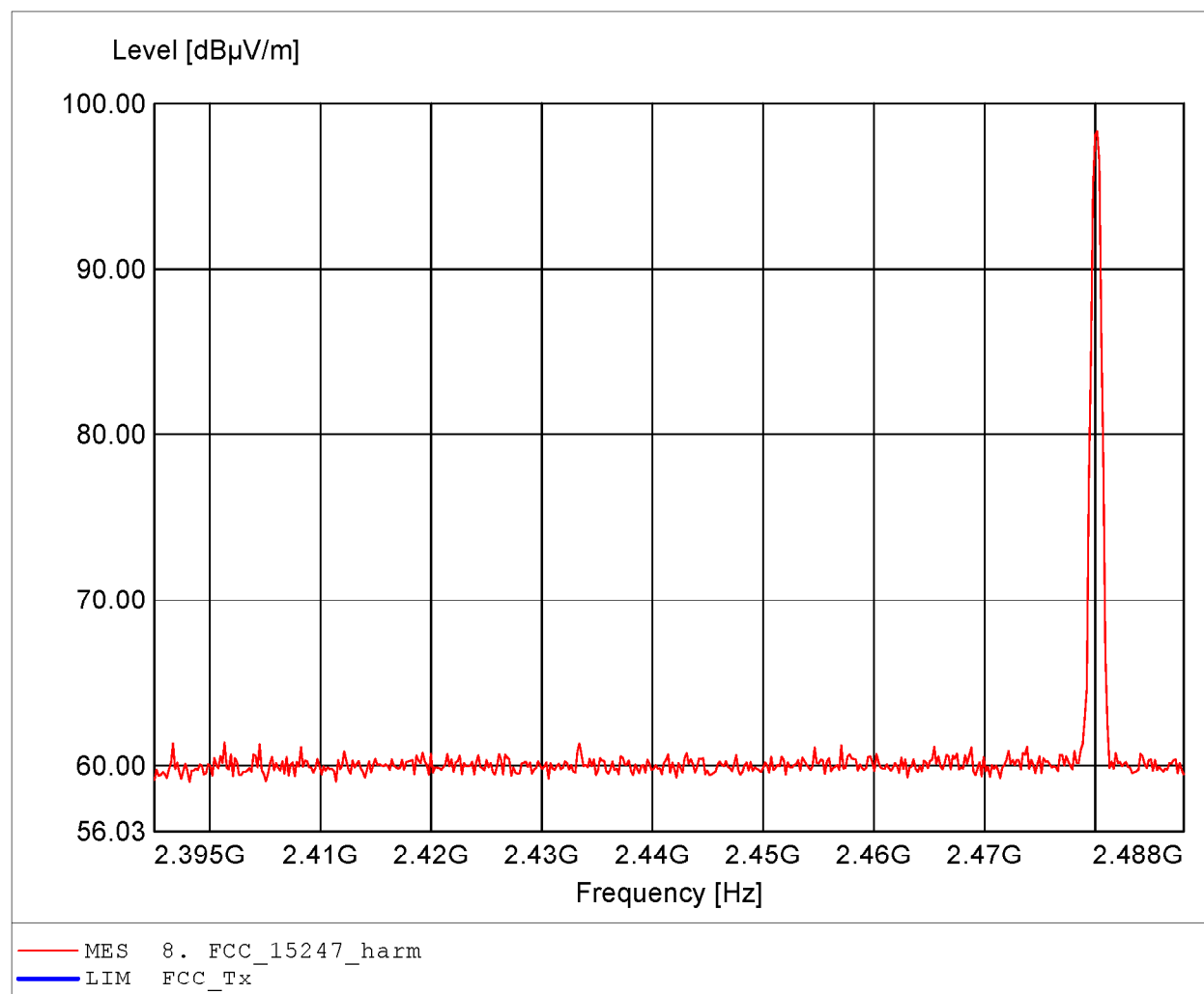
Appendix C

RF power output radiated (EIRP)

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Emax: 98.33dBμV/m, RBW: 100kHz

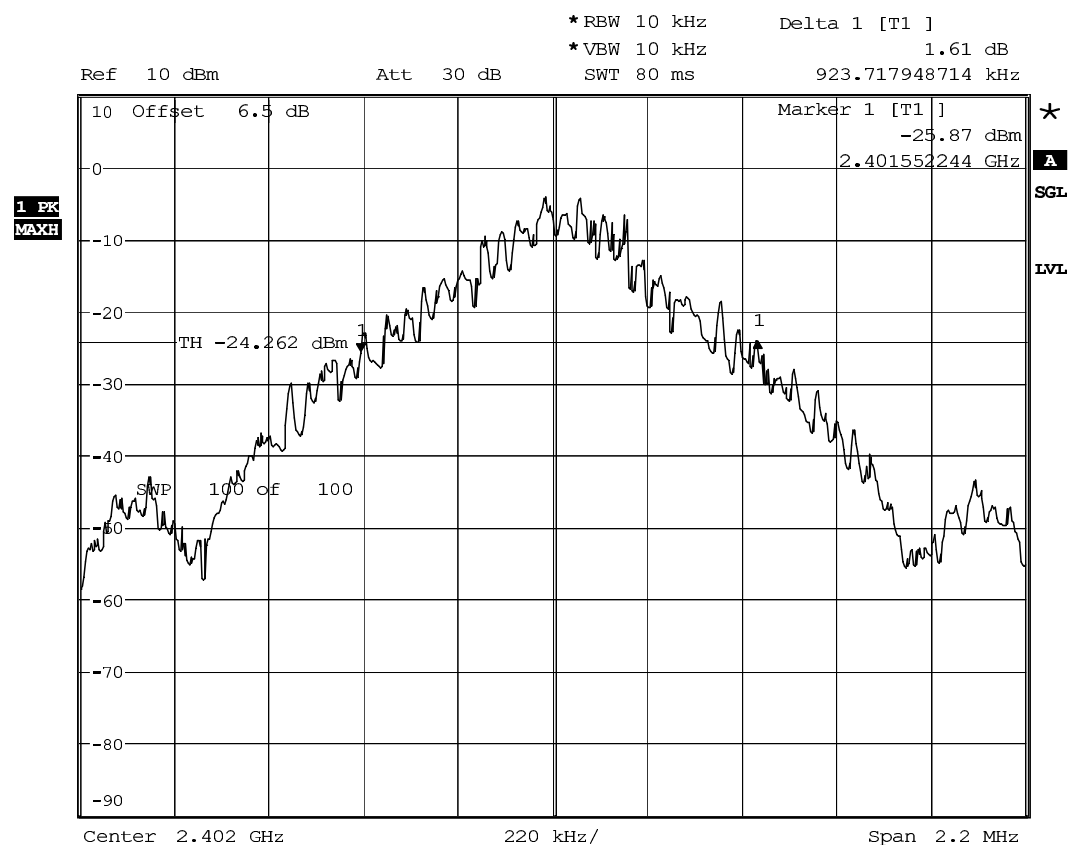


Appendix D

20 dB bandwidth

FCC part 15.247
20 dB bandwidth

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	



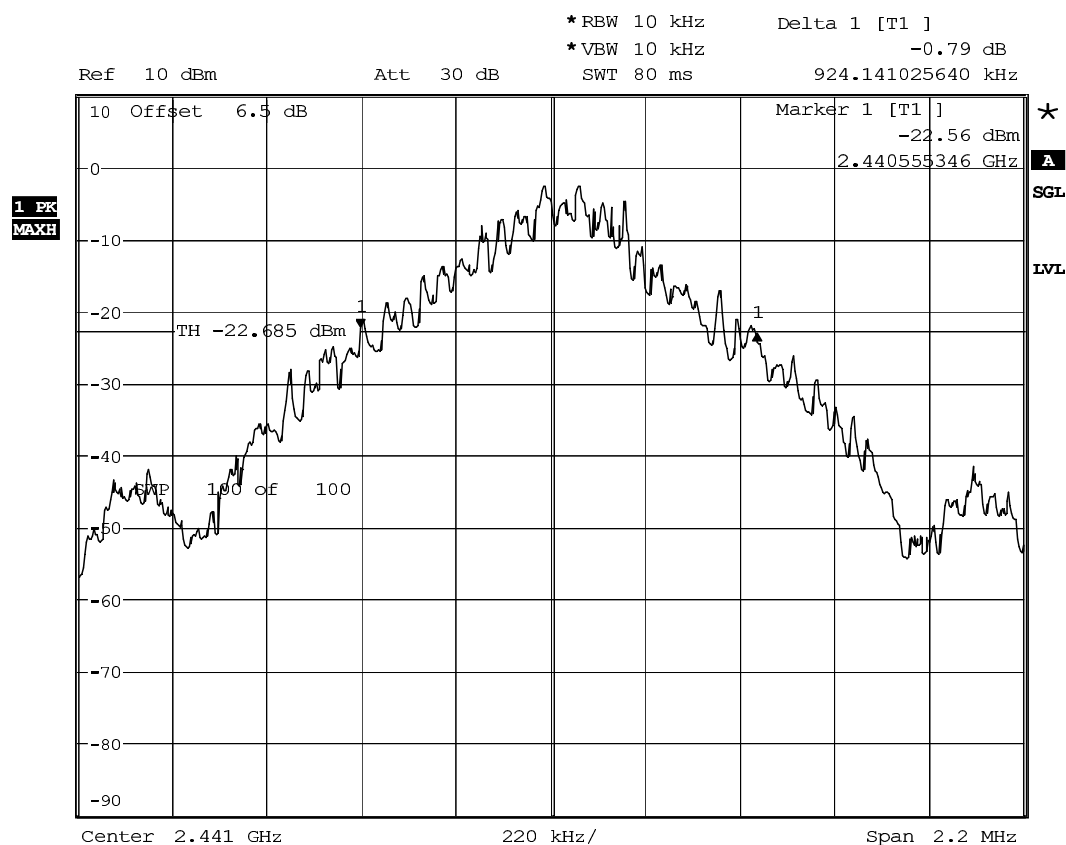
20 dB bandwidth: 923.7 KHz < 1MHz; verdict: PASS

Date: 25.JUL.2006 09:27:56

Measurement diagram

FCC part 15.247
20 dB bandwidth

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	



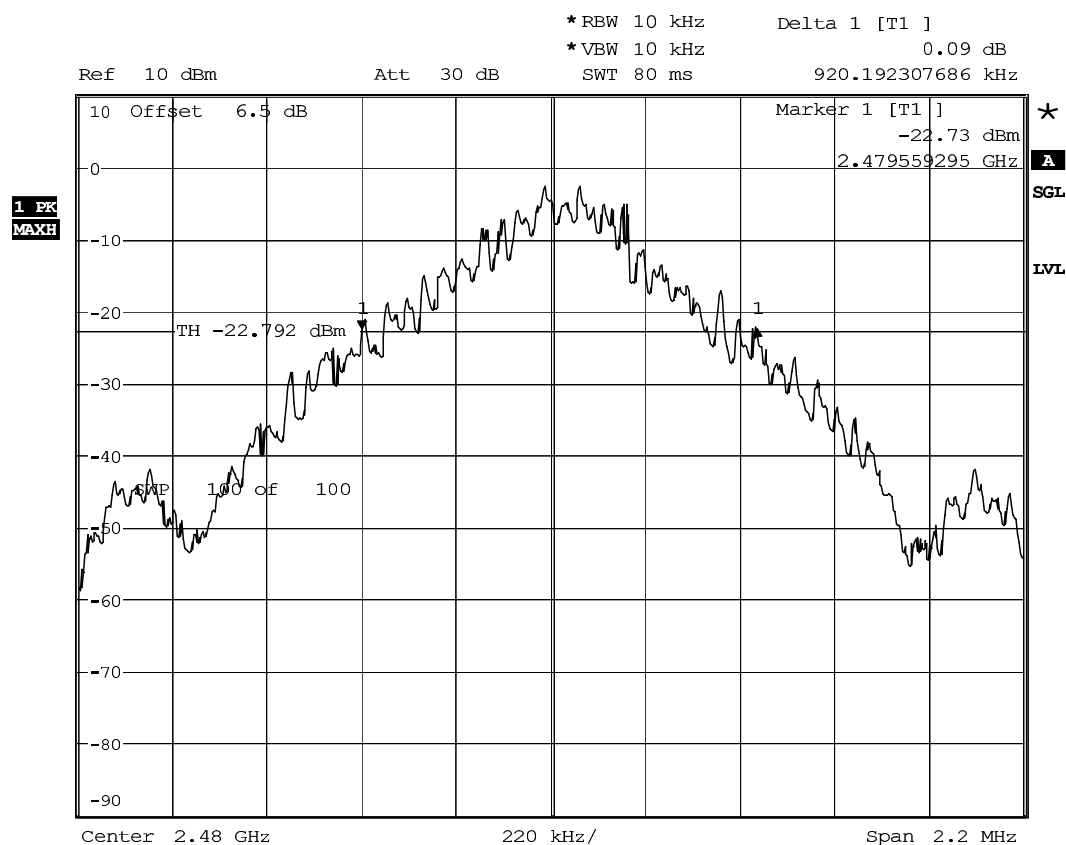
20 dB bandwidth: 924.1 KHz < 1MHz; verdict: PASS

Date: 25.JUL.2006 09:37:16

Measurement diagram

FCC part 15.247
20 dB bandwidth

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(a)
Comment 1	20 dB bandwidth
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	



20 dB bandwidth: 920.2 KHz < 1MHz; verdict: PASS

Date: 25.JUL.2006 09:39:37

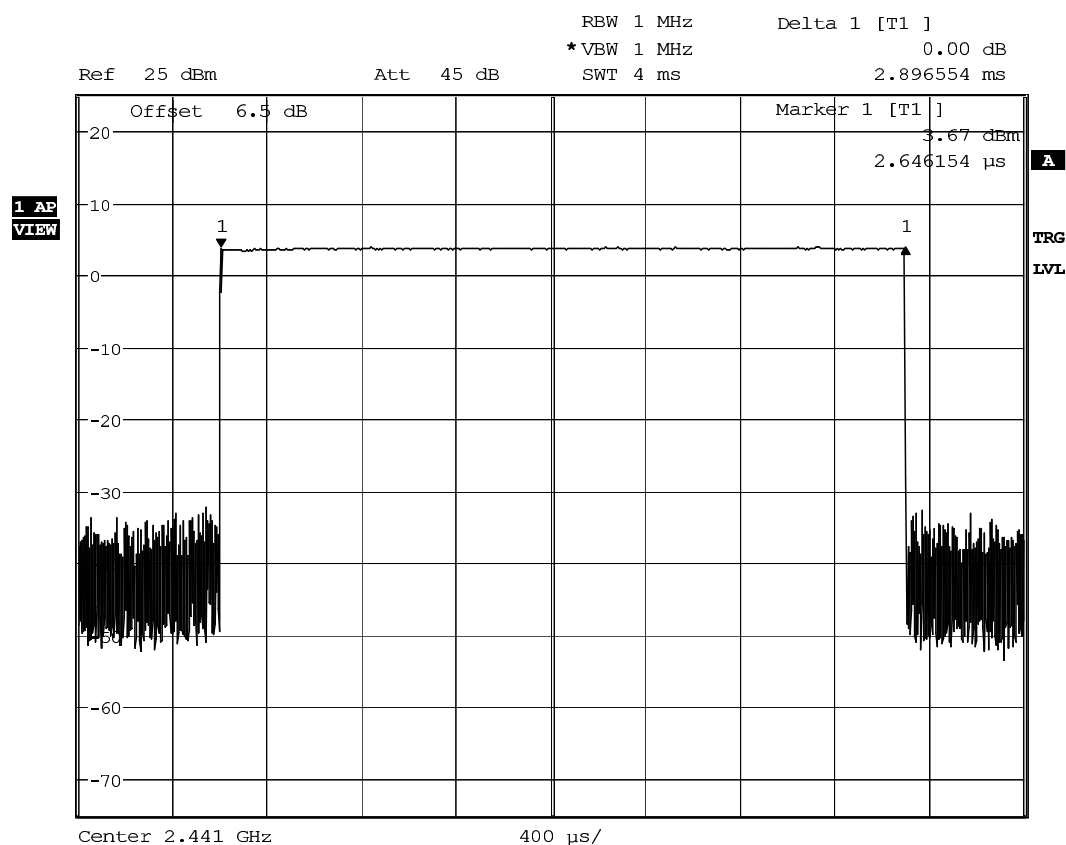
Measurement diagram

Appendix E

Time of occupancy (dwell time)

FCC part 15.247**Time of occupancy (dwell time)**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
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 * 2.897 ms result: 182.5 ms

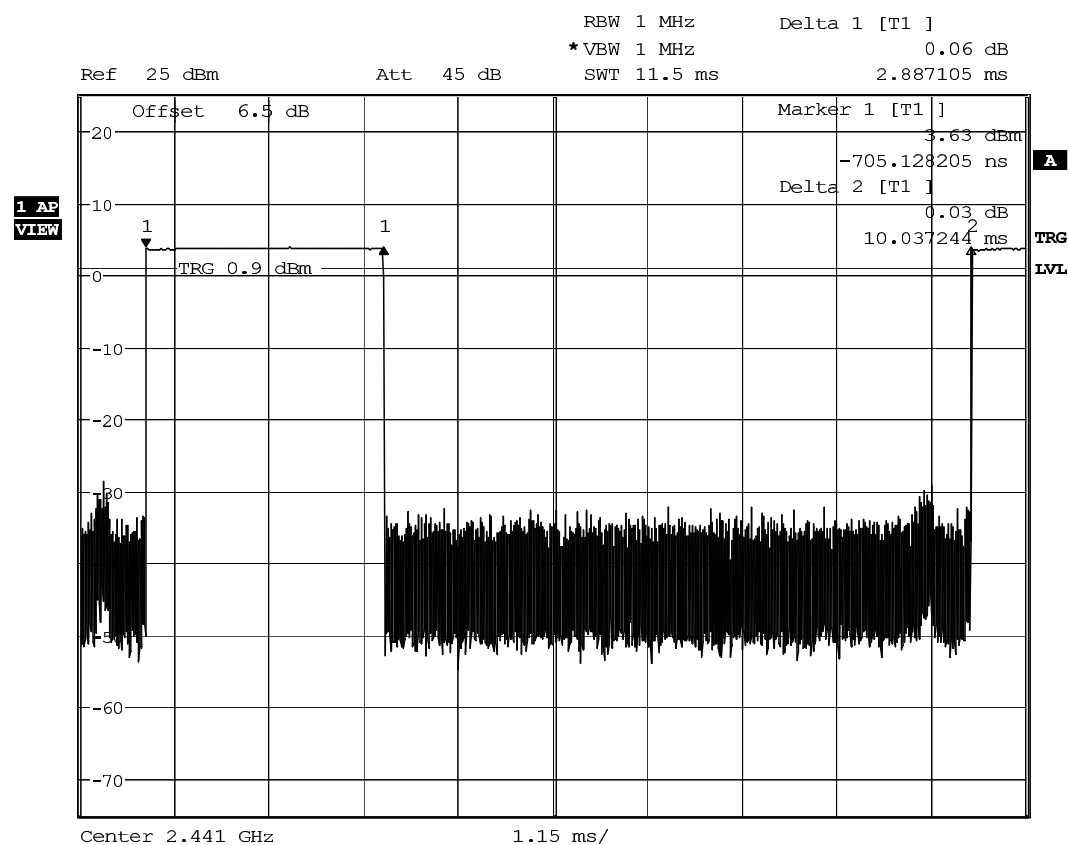
Burst length=2896.55 μ s

Date: 25.JUL.2006 10:23:23

Measurement diagram

FCC part 15.247**Duty cycle**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(b)
Comment 1	Duty cycle
Comment 2	Channel.: 39 / 2441 MHz
Comment 3	Duty cycle:



Duty cycle=0.29

Date: 25.JUL.2006 10:13:27

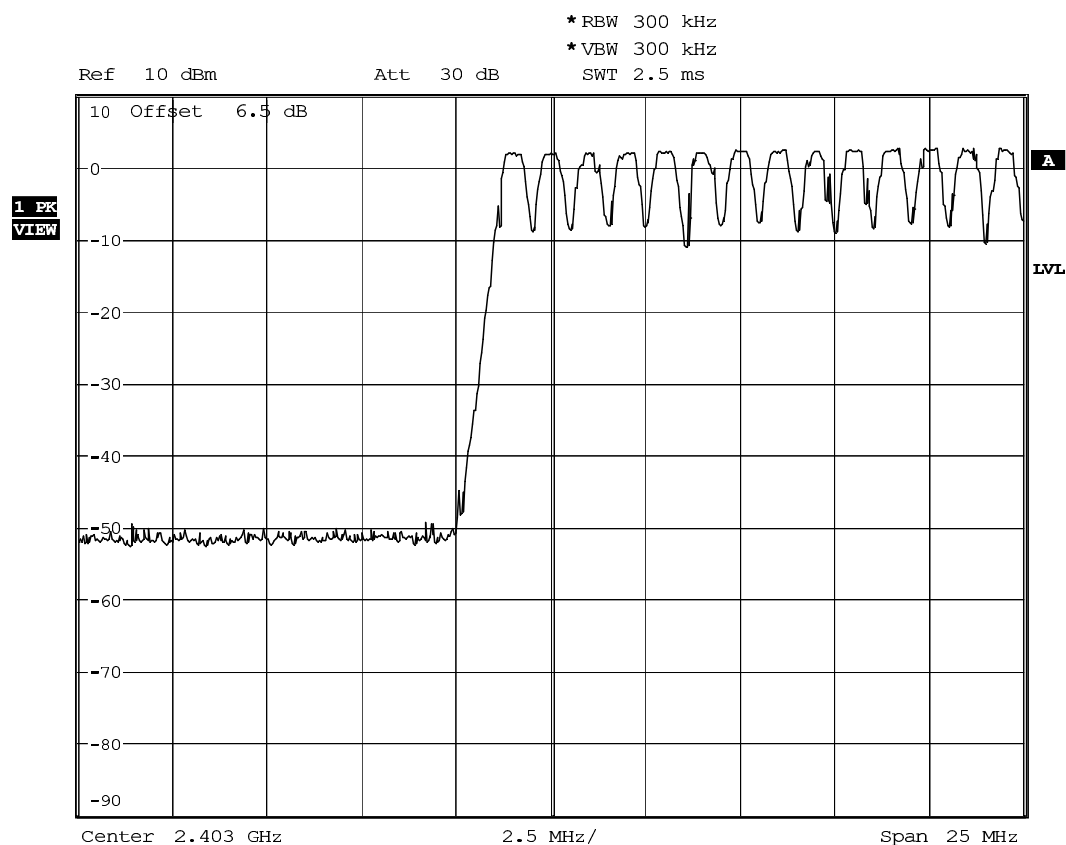
Measurement diagram

Appendix F

Number of hopping frequencies

FCC part 15.247**Number of hopping frequencies**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 0-13
Comment 3	



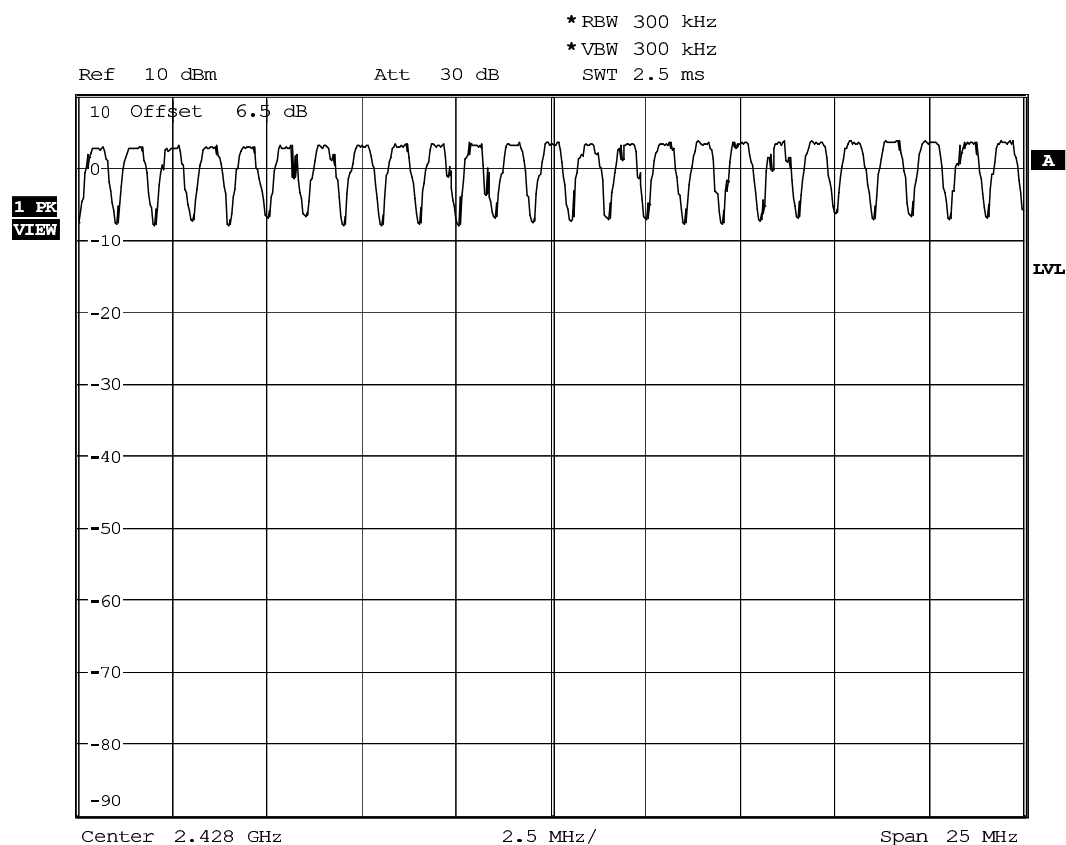
Number of hopping frequencies

Date: 25.JUL.2006 10:15:51

Measurement diagram

FCC part 15.247**Number of hopping frequencies**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 14-38
Comment 3	



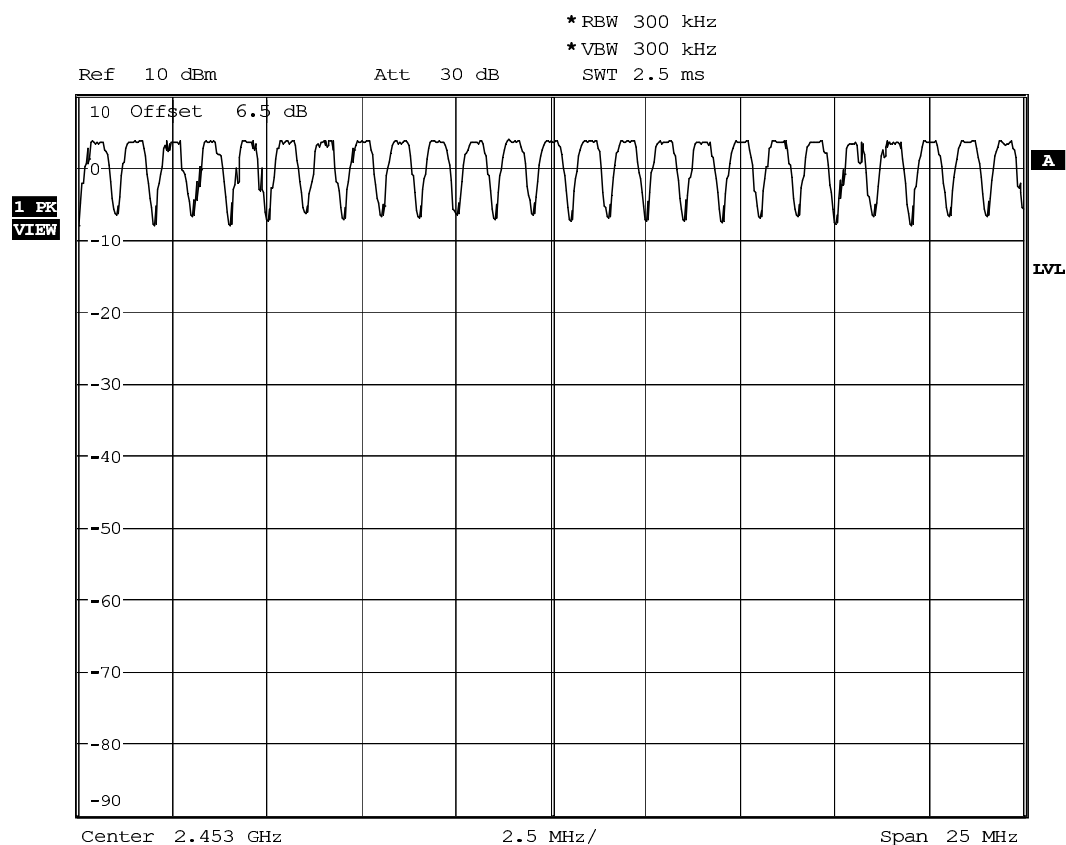
Number of hopping frequencies

Date: 25.JUL.2006 10:17:26

Measurement diagram

FCC part 15.247**Number of hopping frequencies**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.:39-63
Comment 3	



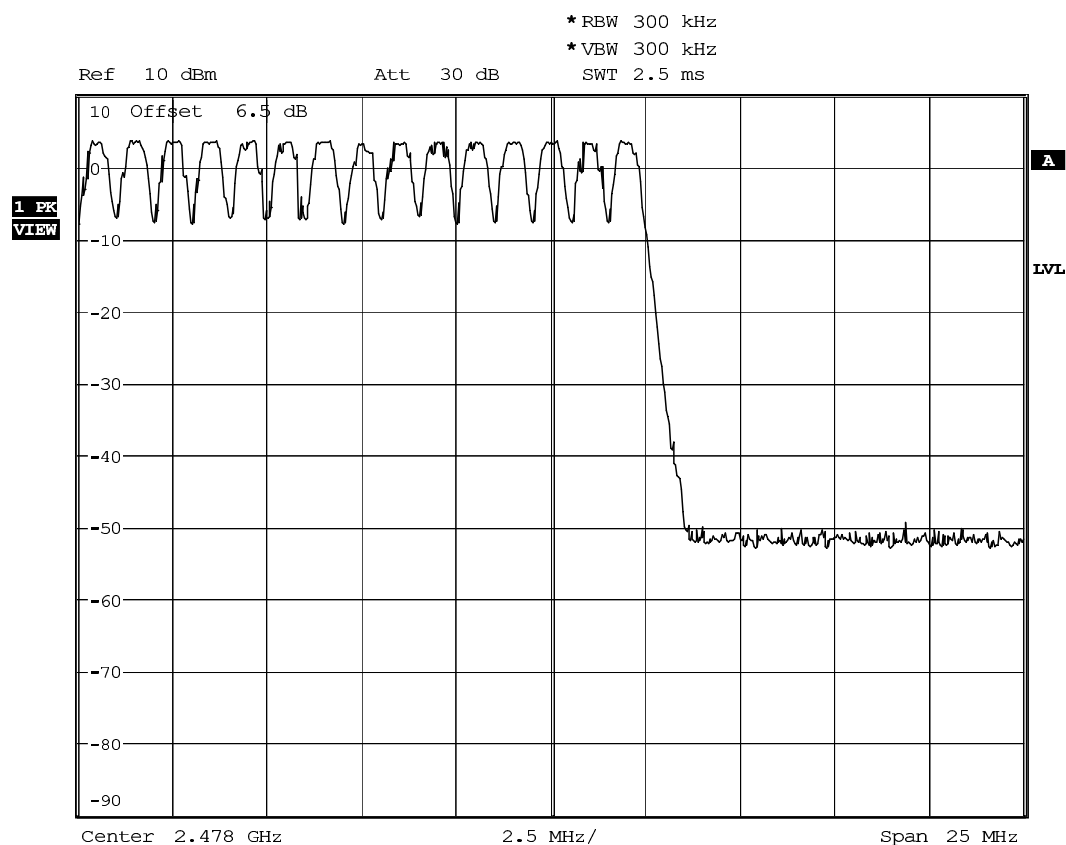
Number of hopping frequencies

Date: 25.JUL.2006 10:18:46

Measurement diagram

FCC part 15.247**Number of hopping frequencies**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(a)
Comment 1	Number of hopping frequencies
Comment 2	Channel.: 64-78
Comment 3	



Number of hopping frequencies

Date: 25.JUL.2006 10:19:51

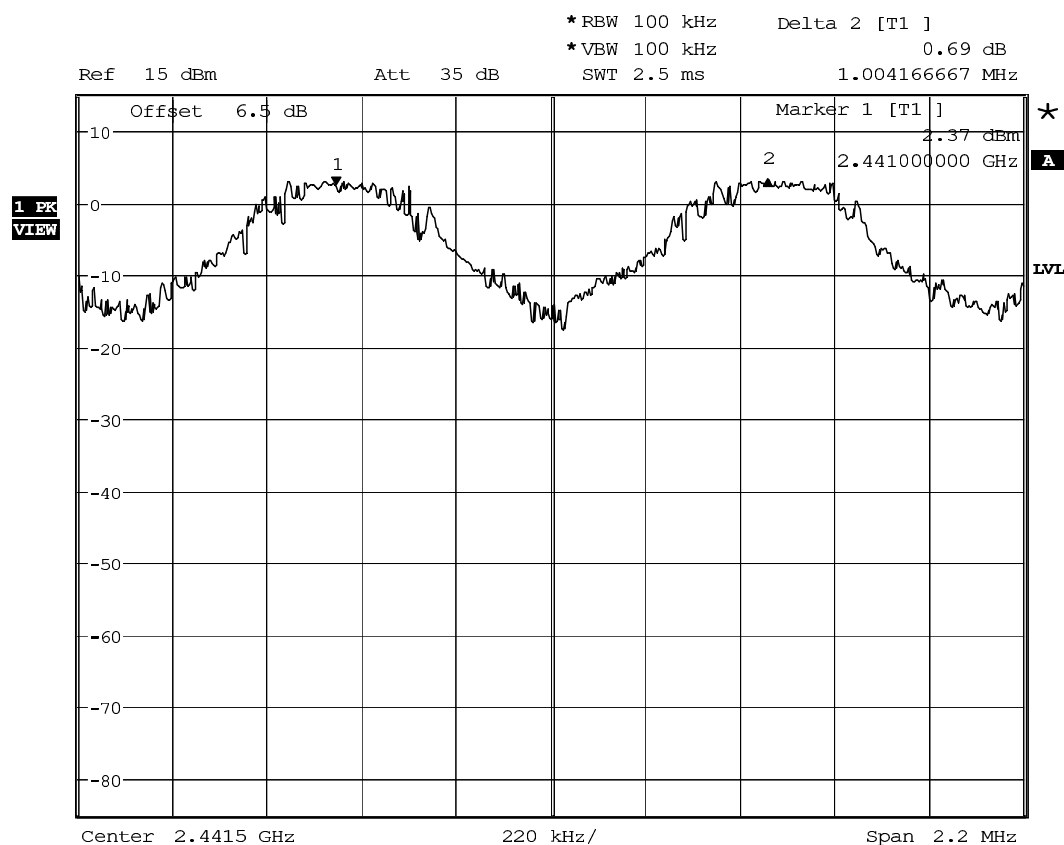
Measurement diagram

Appendix G

Carrier frequency separation

FCC part 15.247**Carrier frequency separation**

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
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



Date: 25.JUL.2006 10:04:34

Measurement diagram

Appendix H

Spurious emission conducted

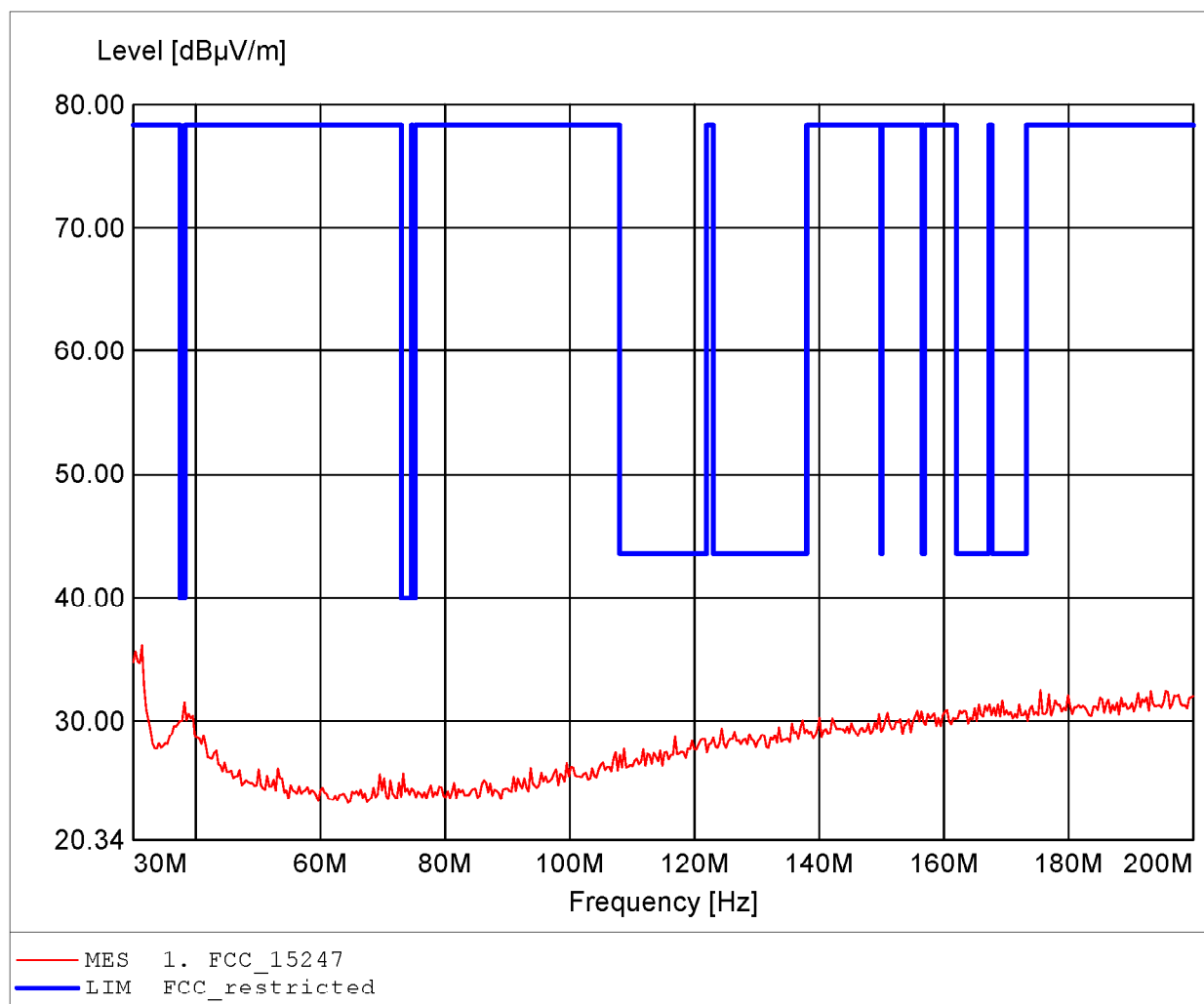
Appendix I

Spurious emission radiated

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

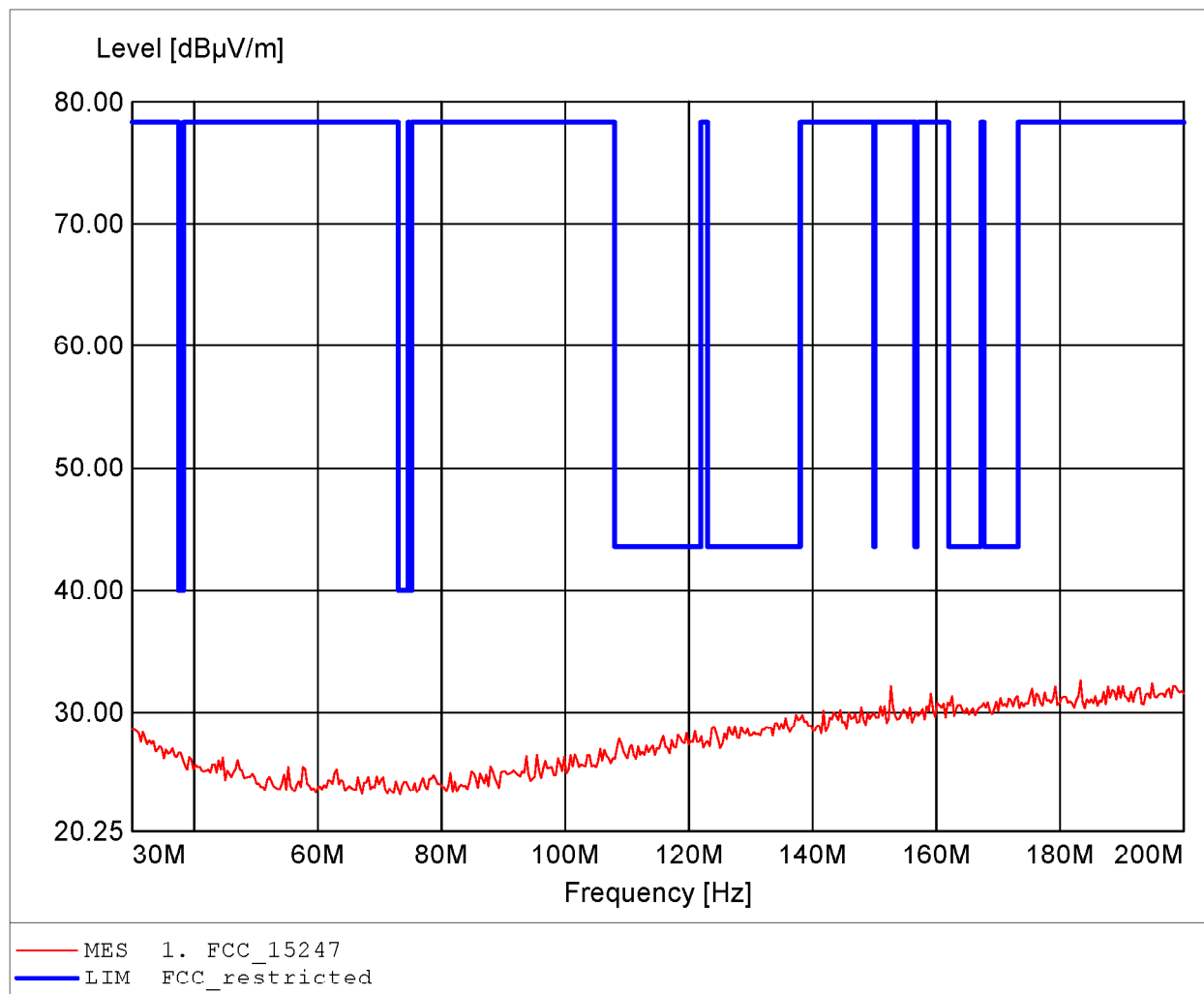
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.363MHz, Emax: 36.14dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

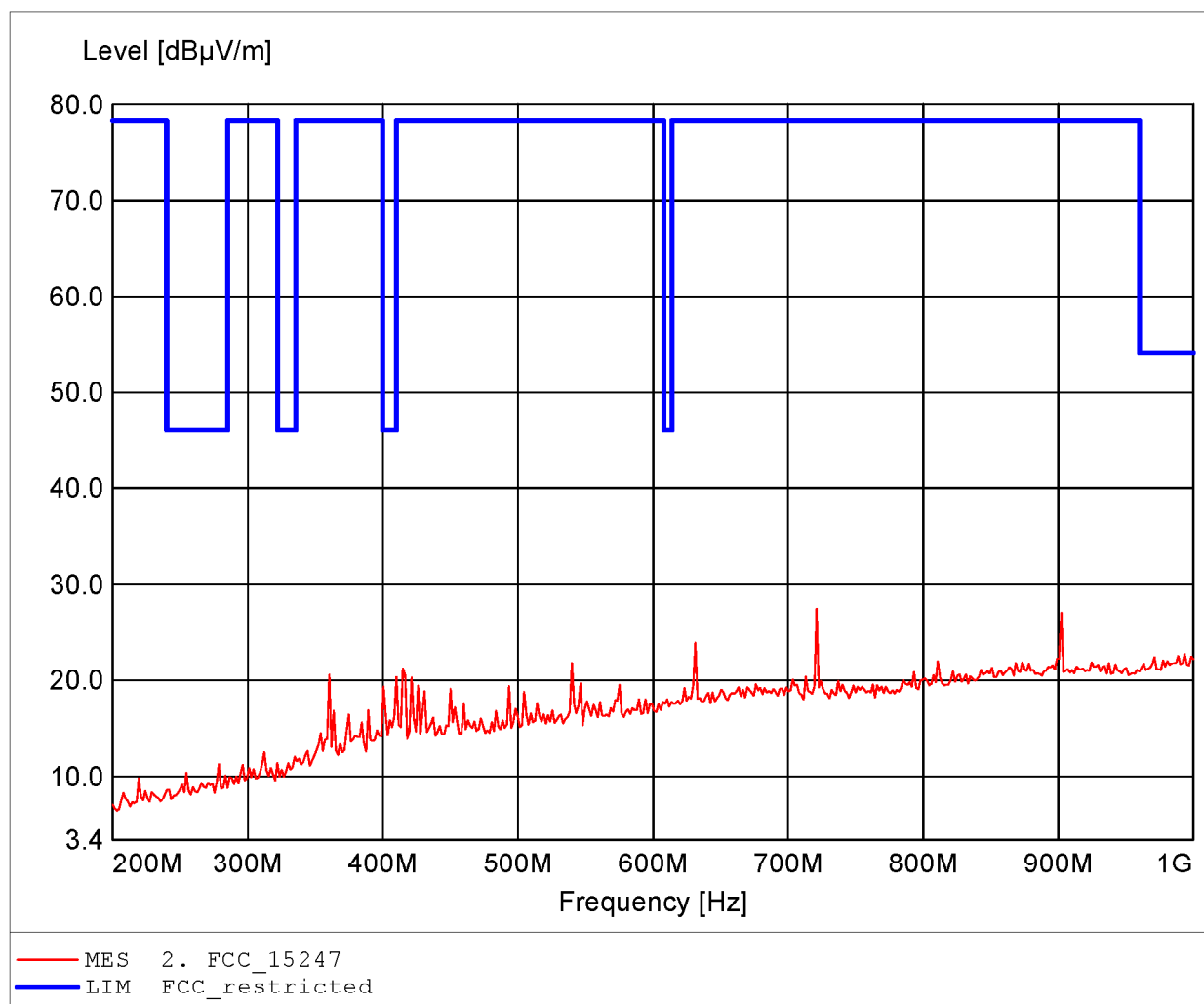
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 183.307MHz, Emax: 32.58dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

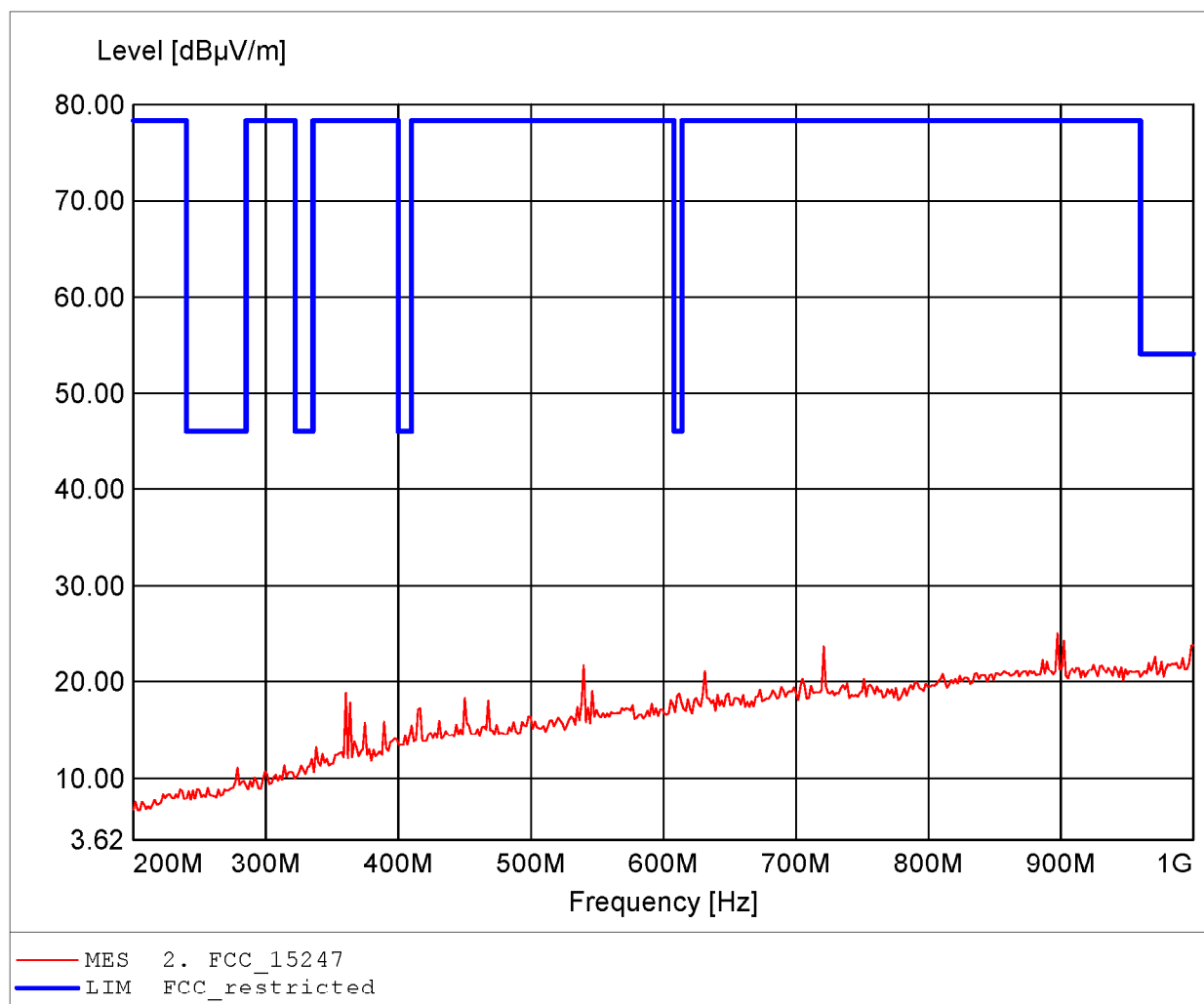
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 721.042MHz, Emax: 27.39dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

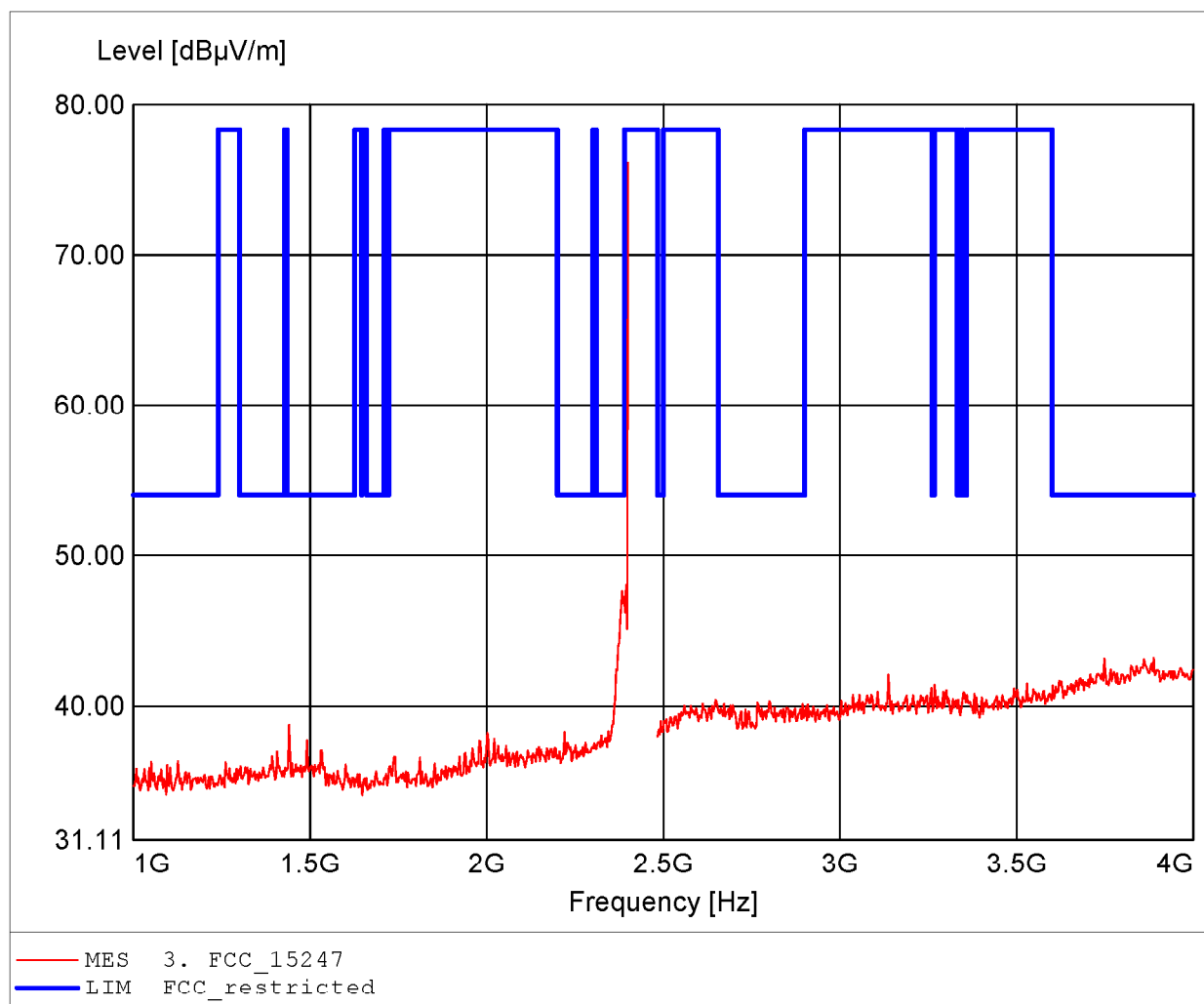
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 897.395MHz, Emax: 25.05dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

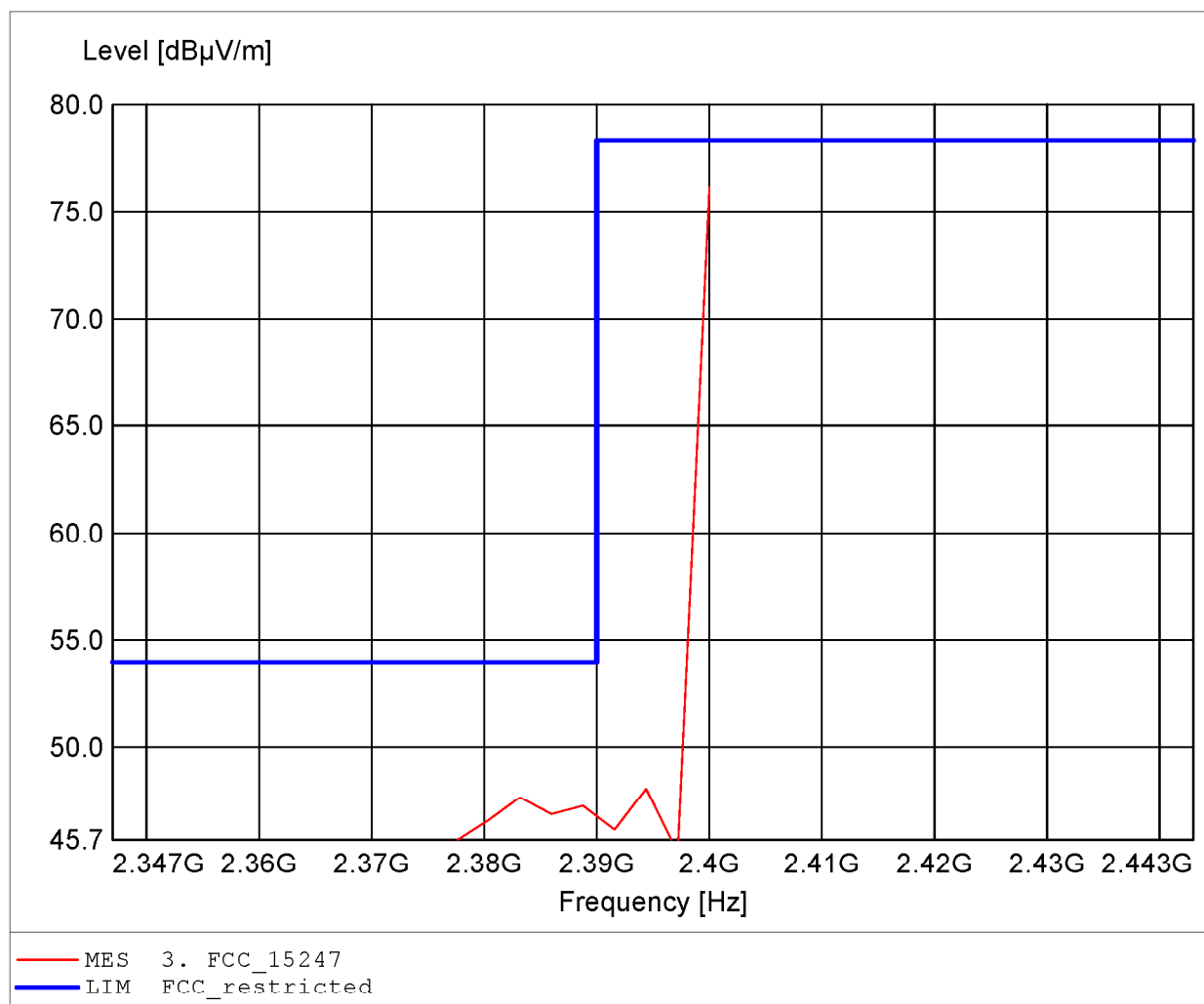
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 76.14dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

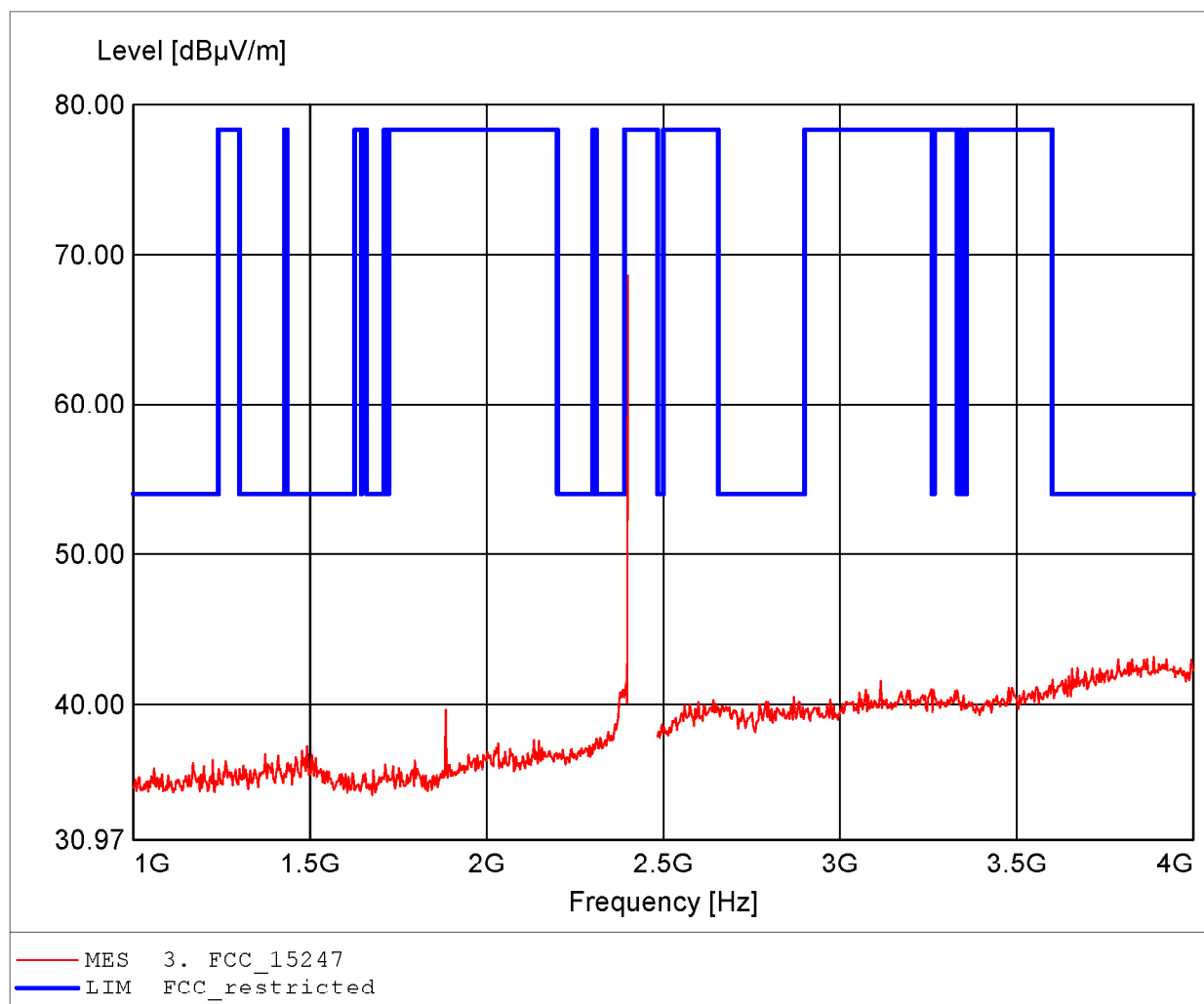
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 76.14dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

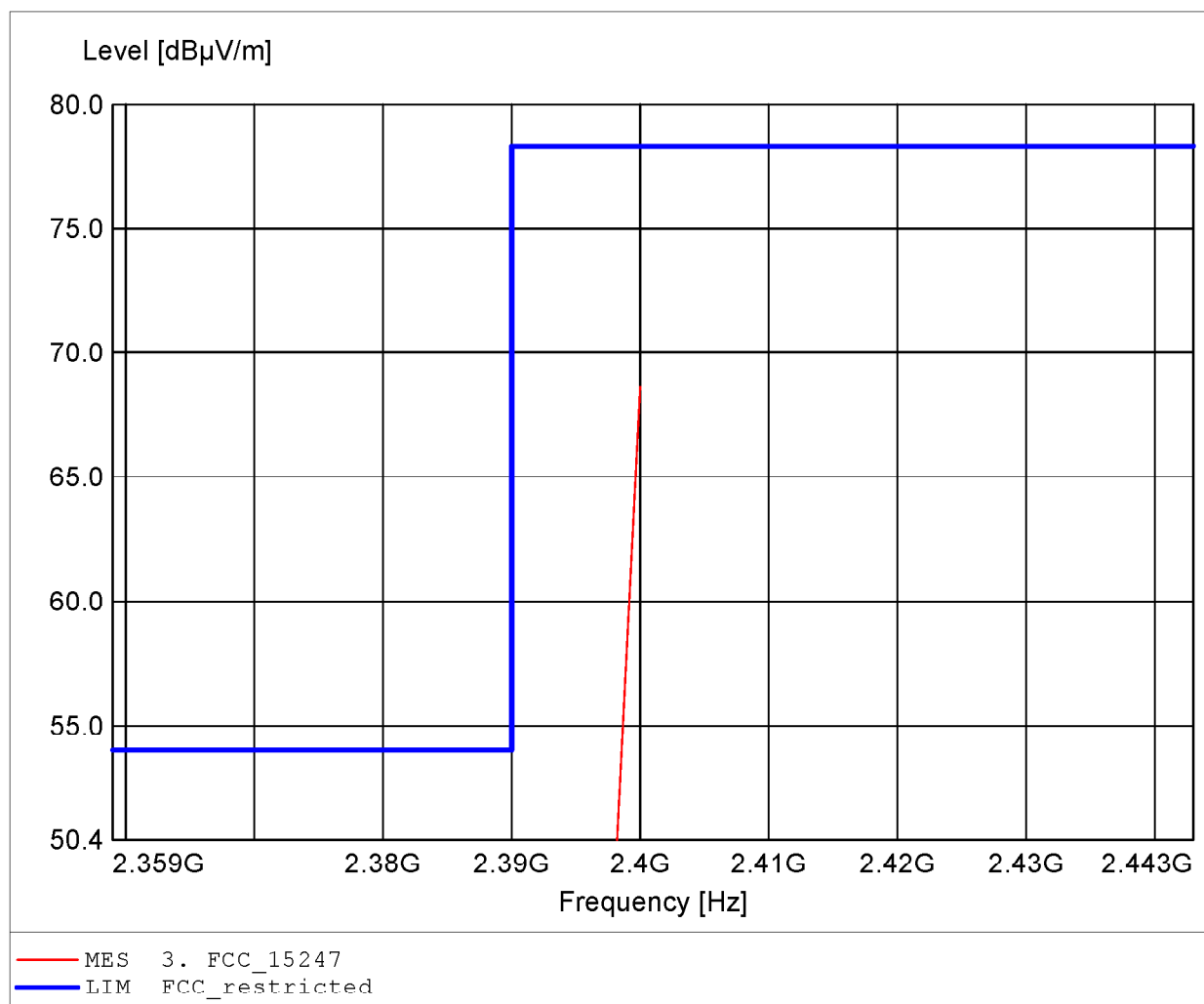
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 68.64dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

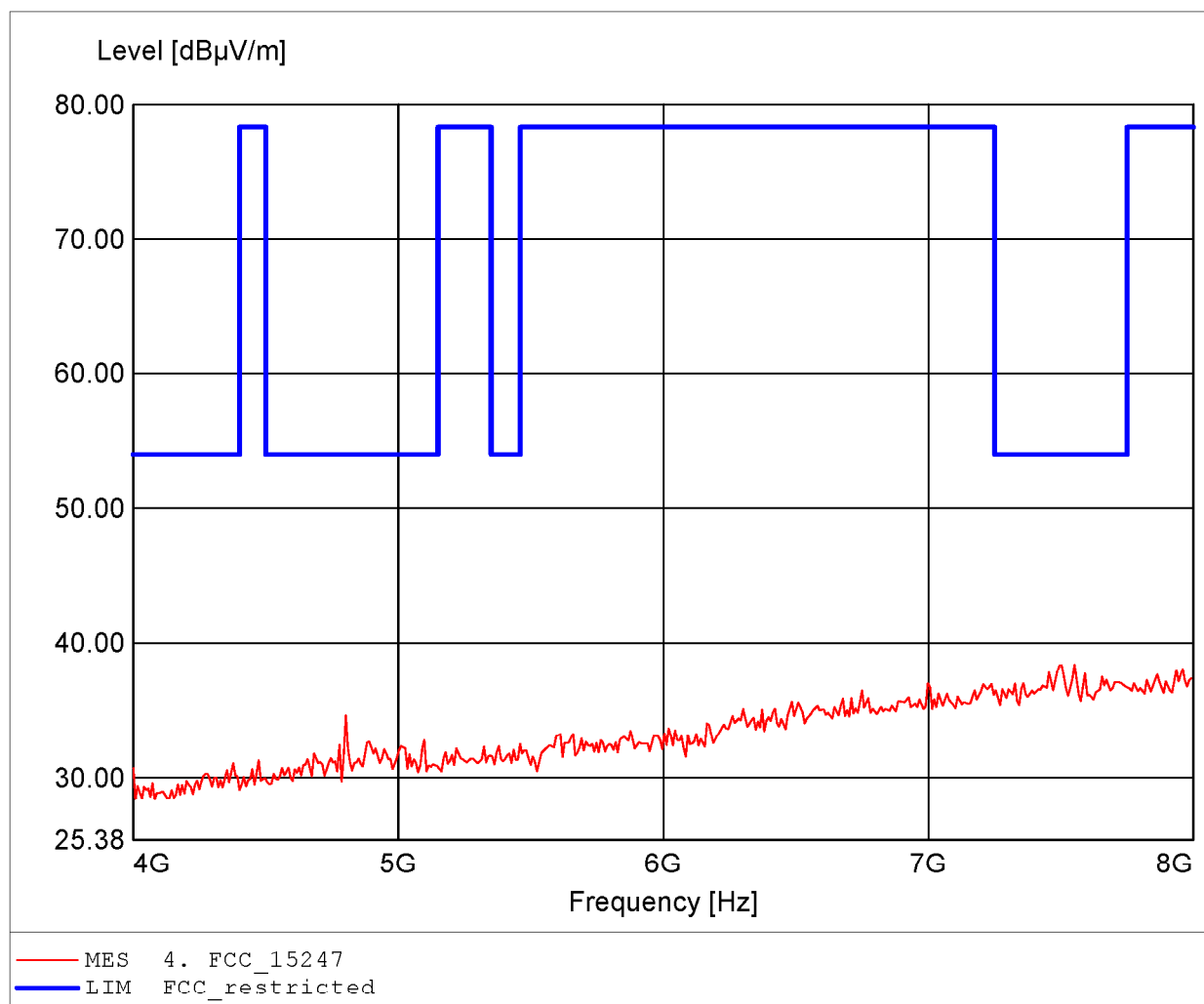
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 68.64dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

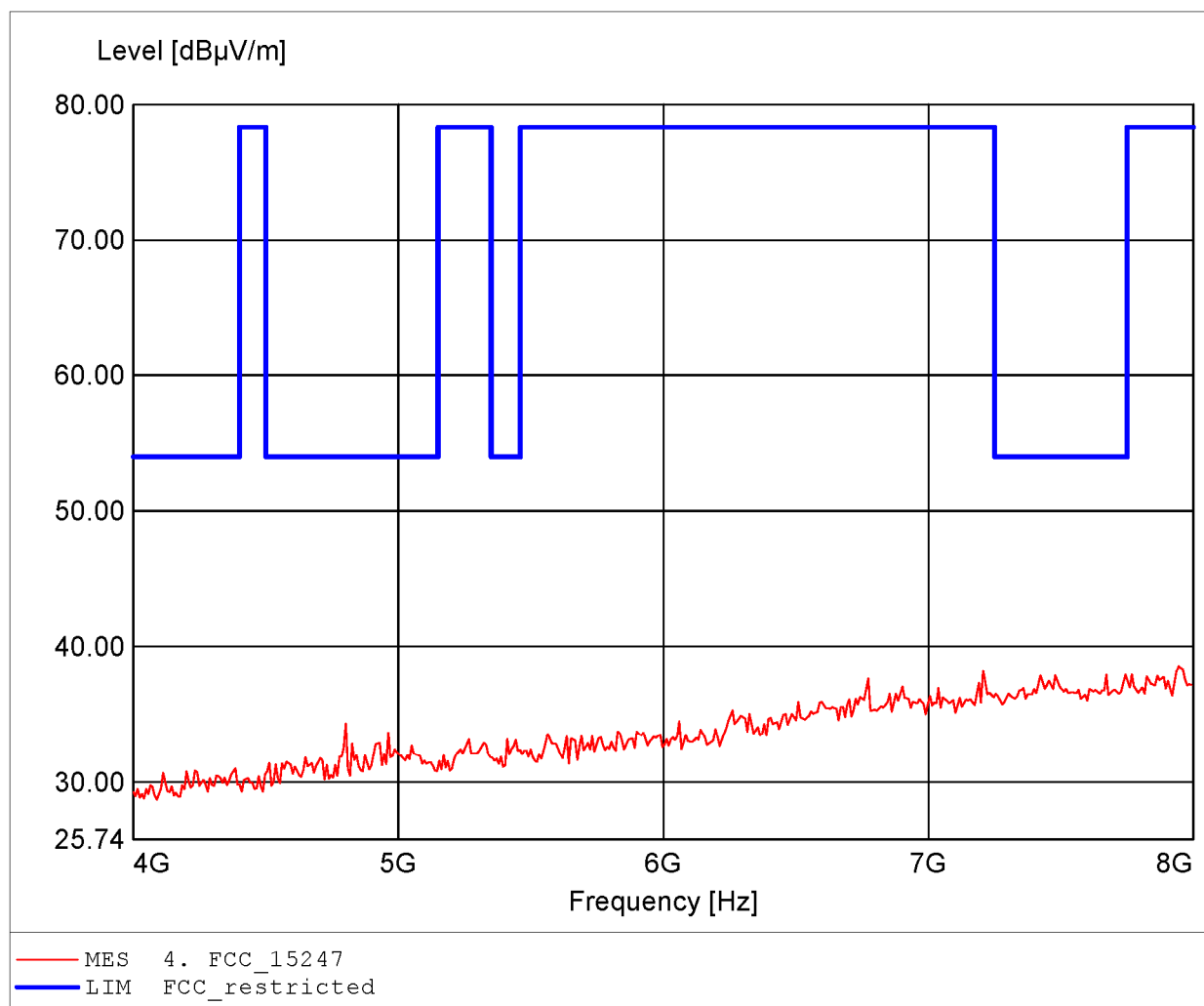
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.551GHz, Emax: 38.40dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

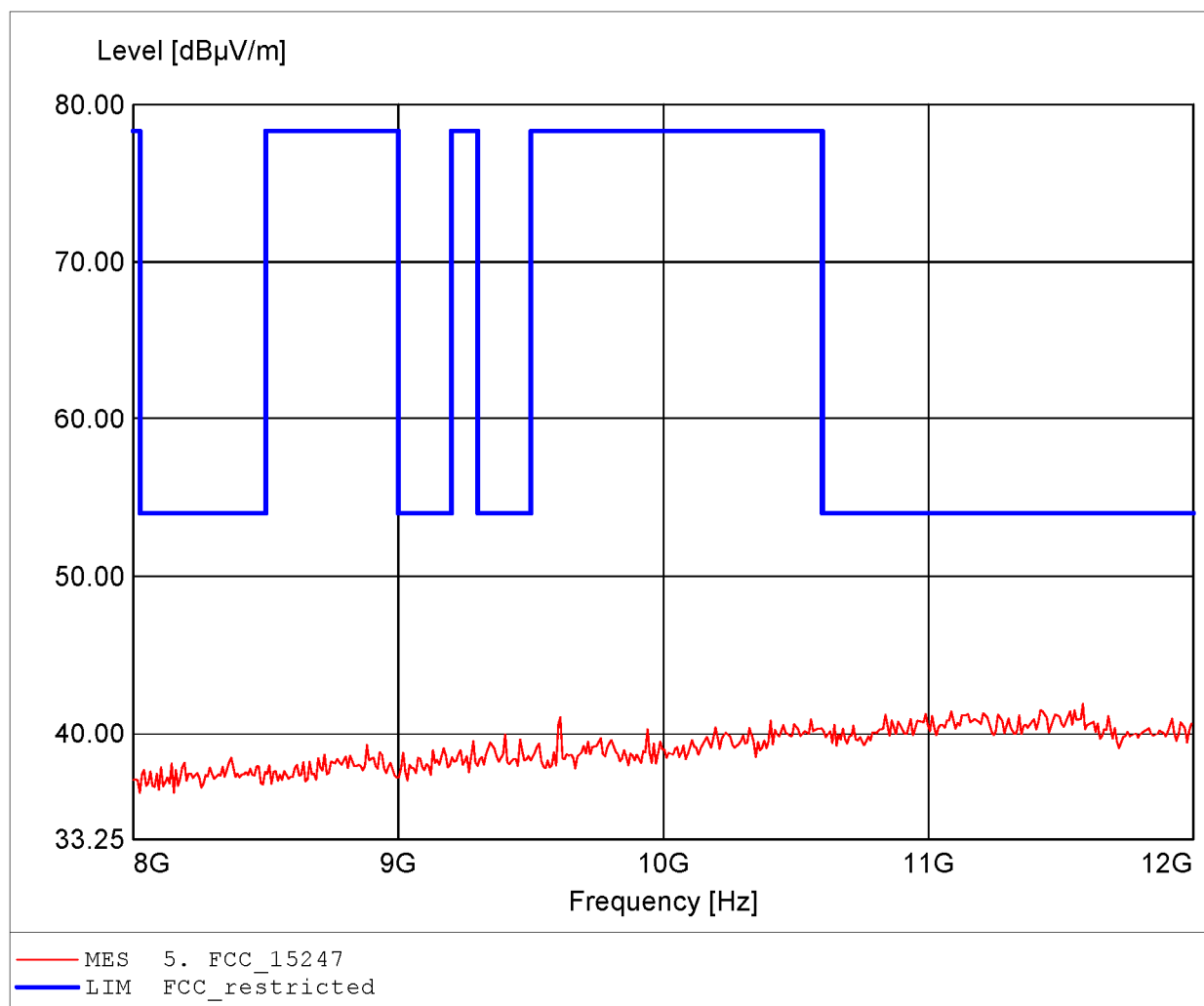
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.944GHz, Emax: 38.57dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

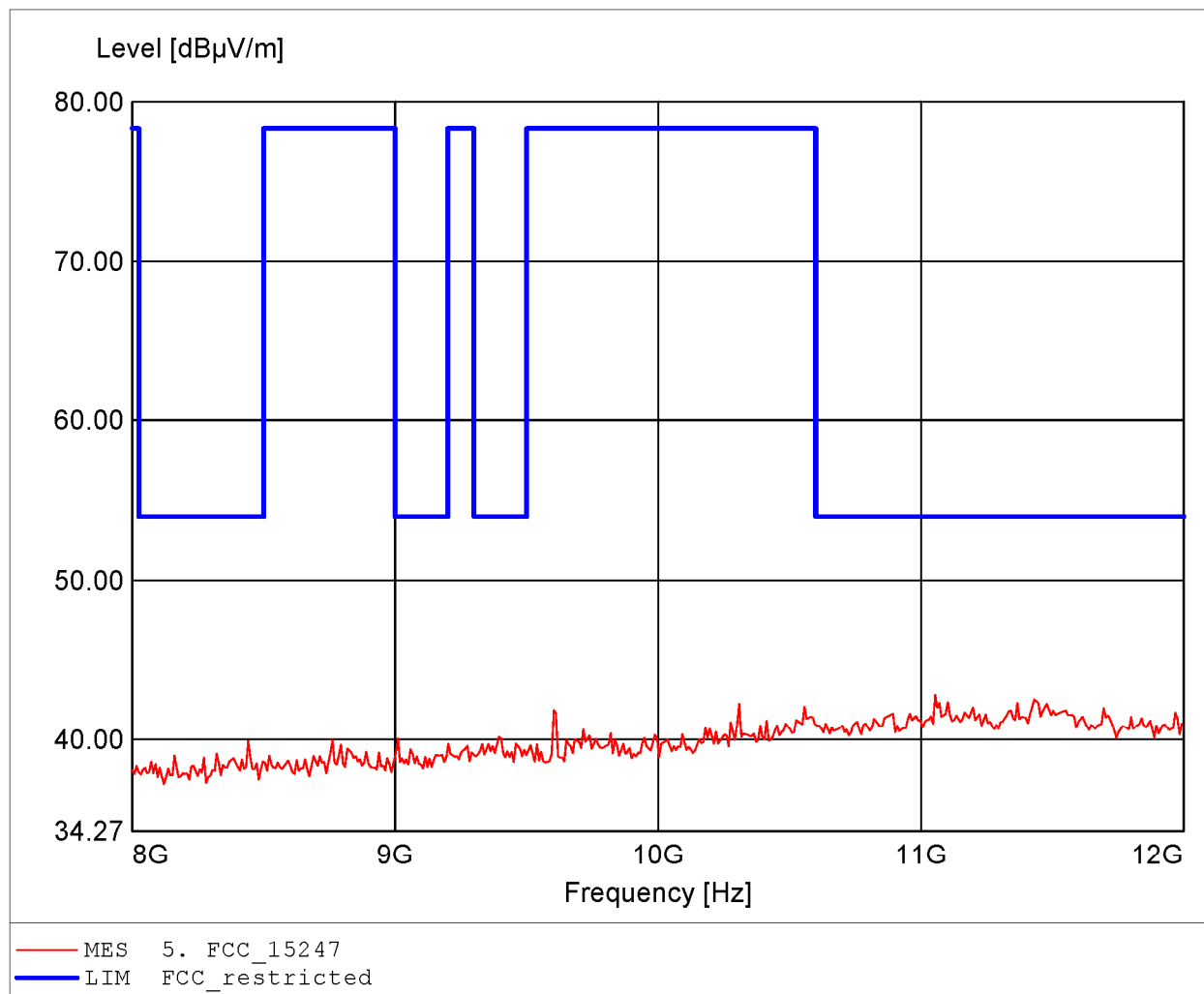
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.583GHz, Emax: 41.88dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

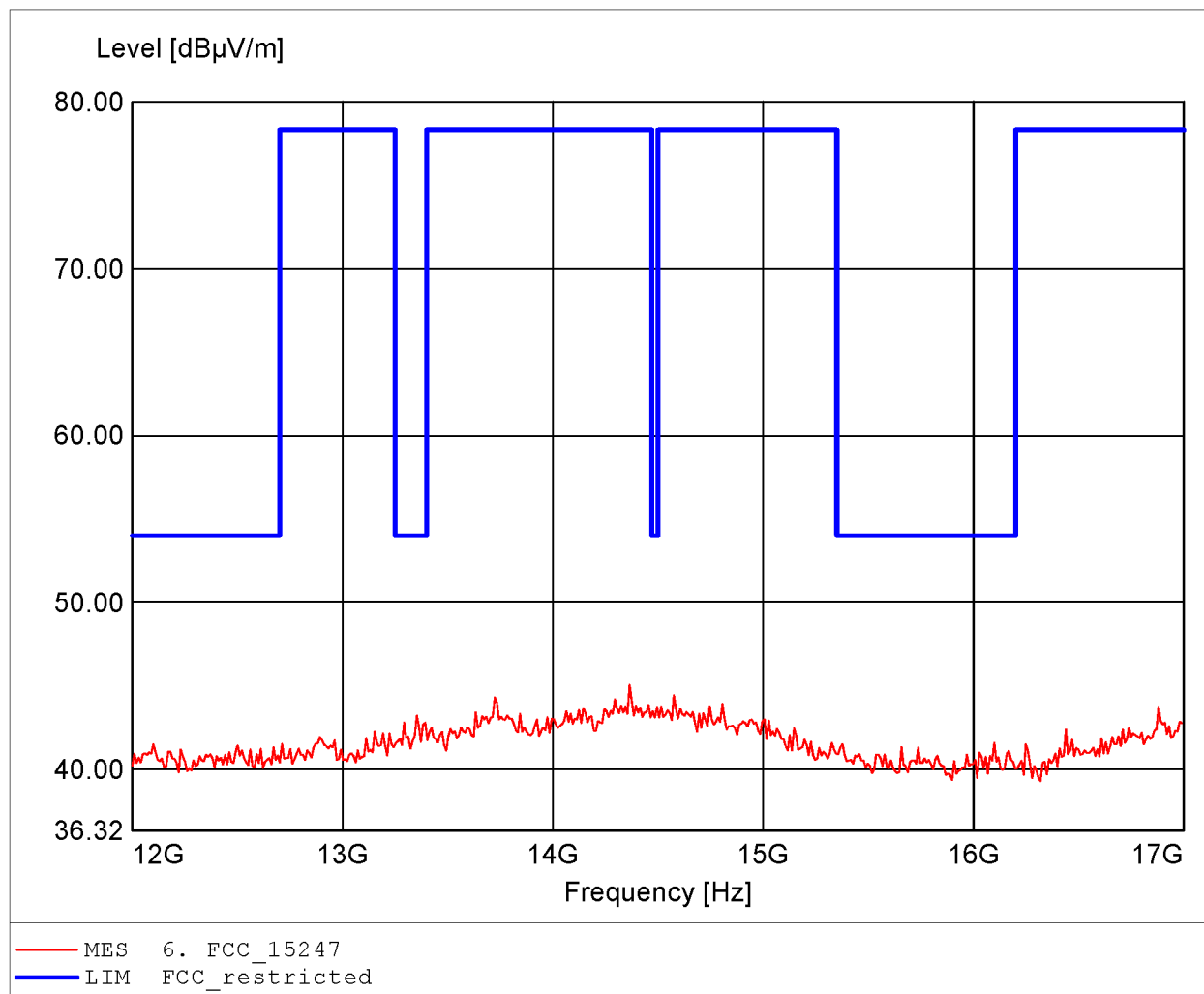
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.054GHz, Emax: 42.82dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

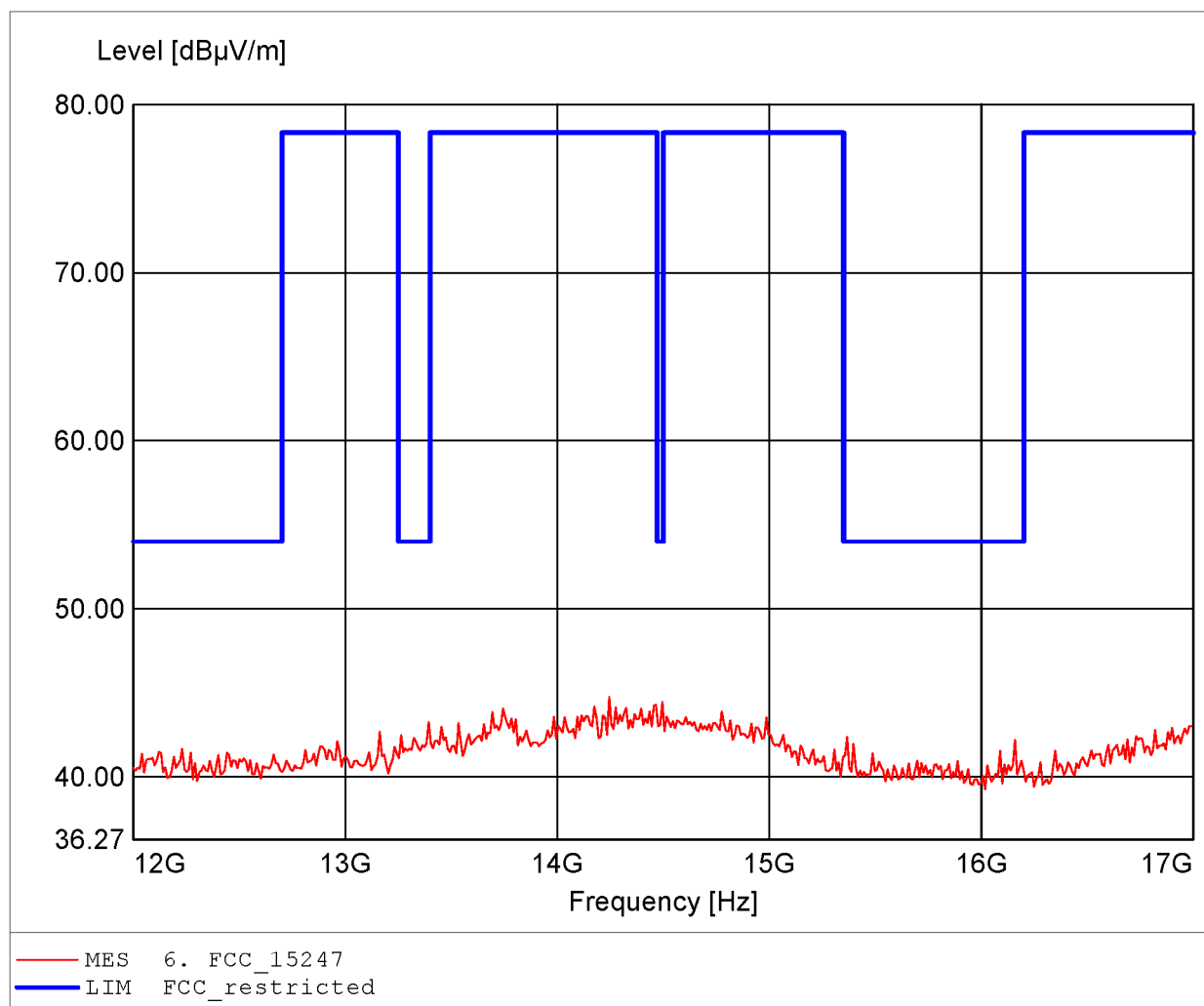
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.365GHz, Emax: 45.06dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

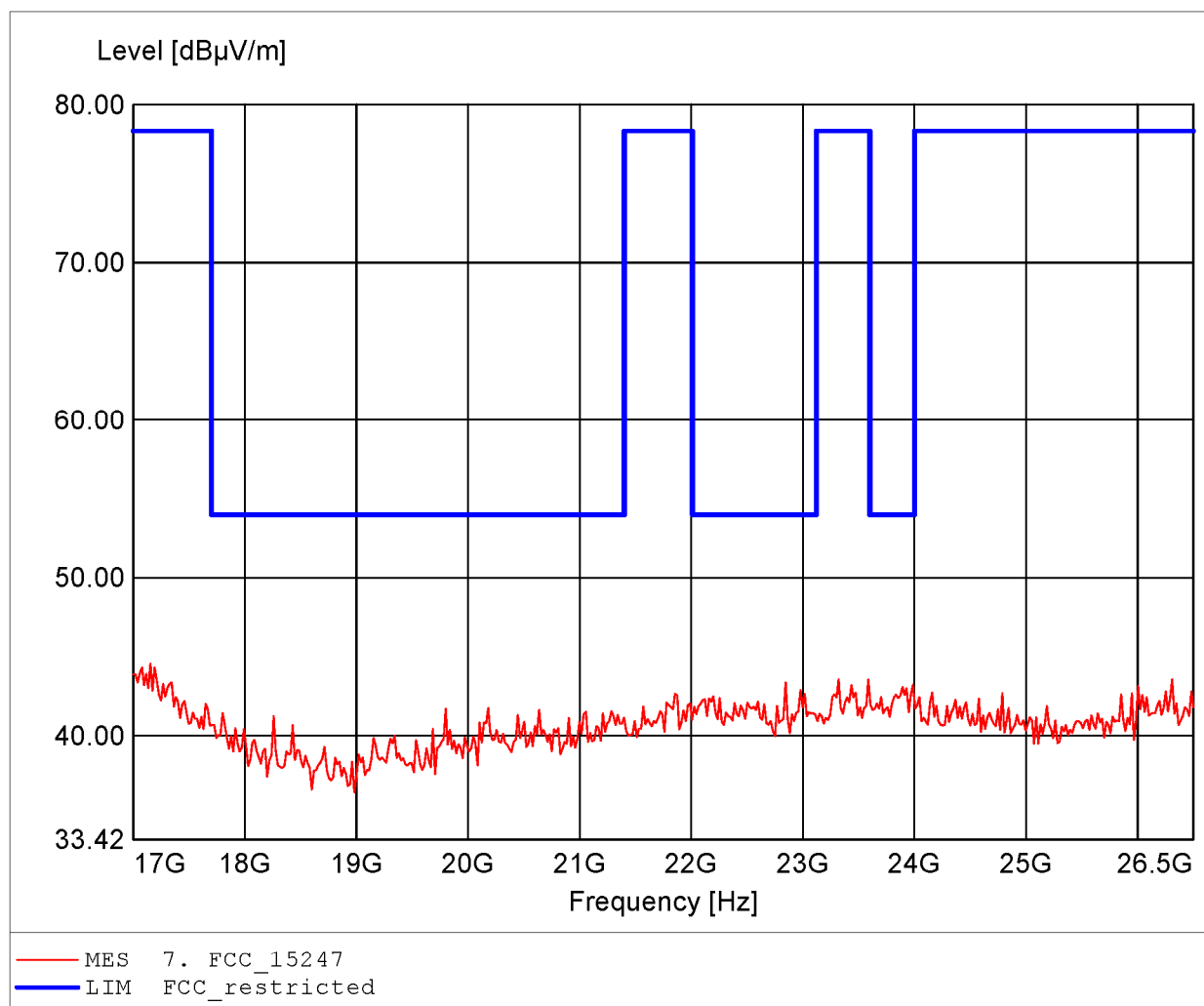
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.244GHz, Emax: 44.75dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

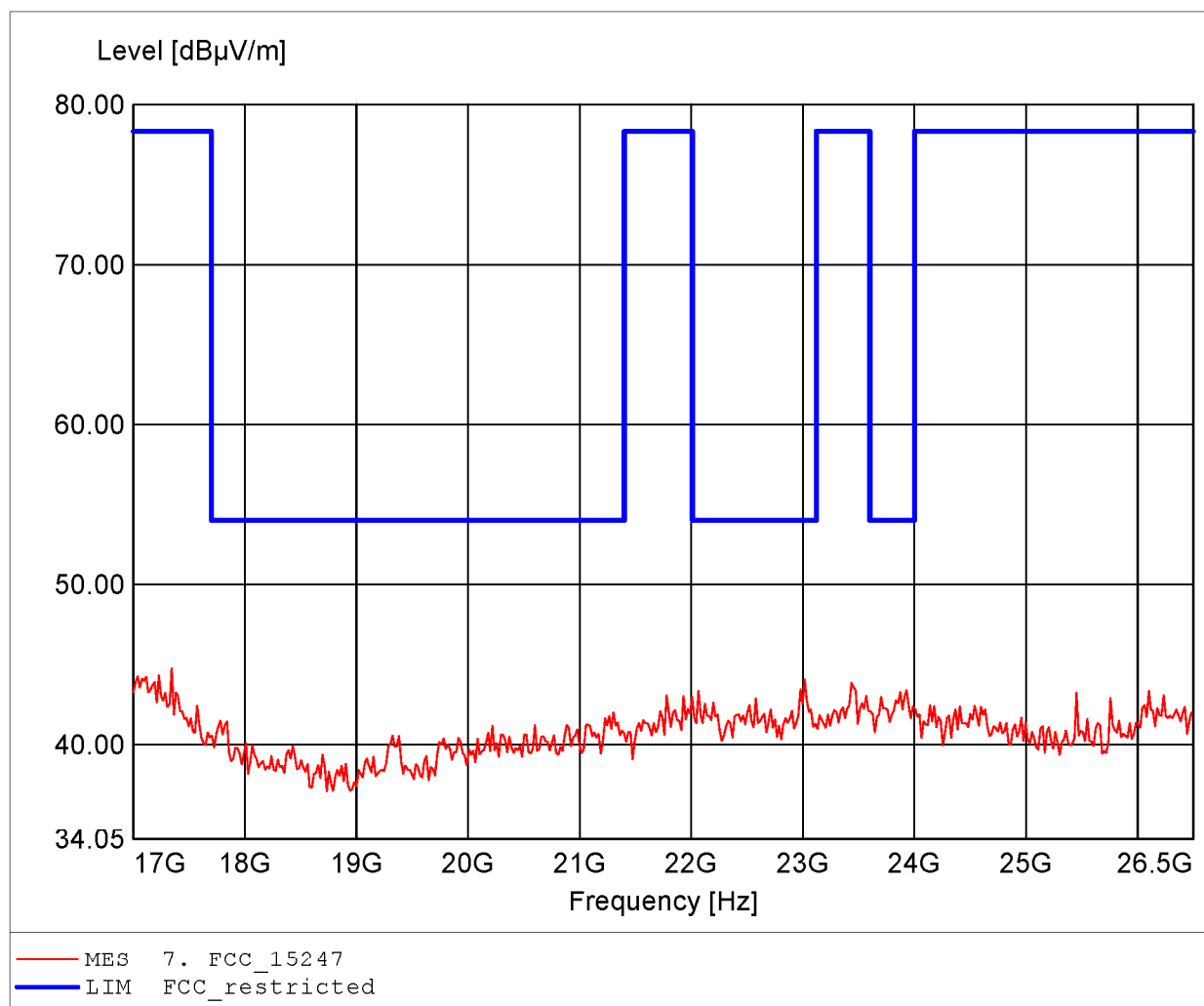
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.152GHz, Emax: 44.56dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

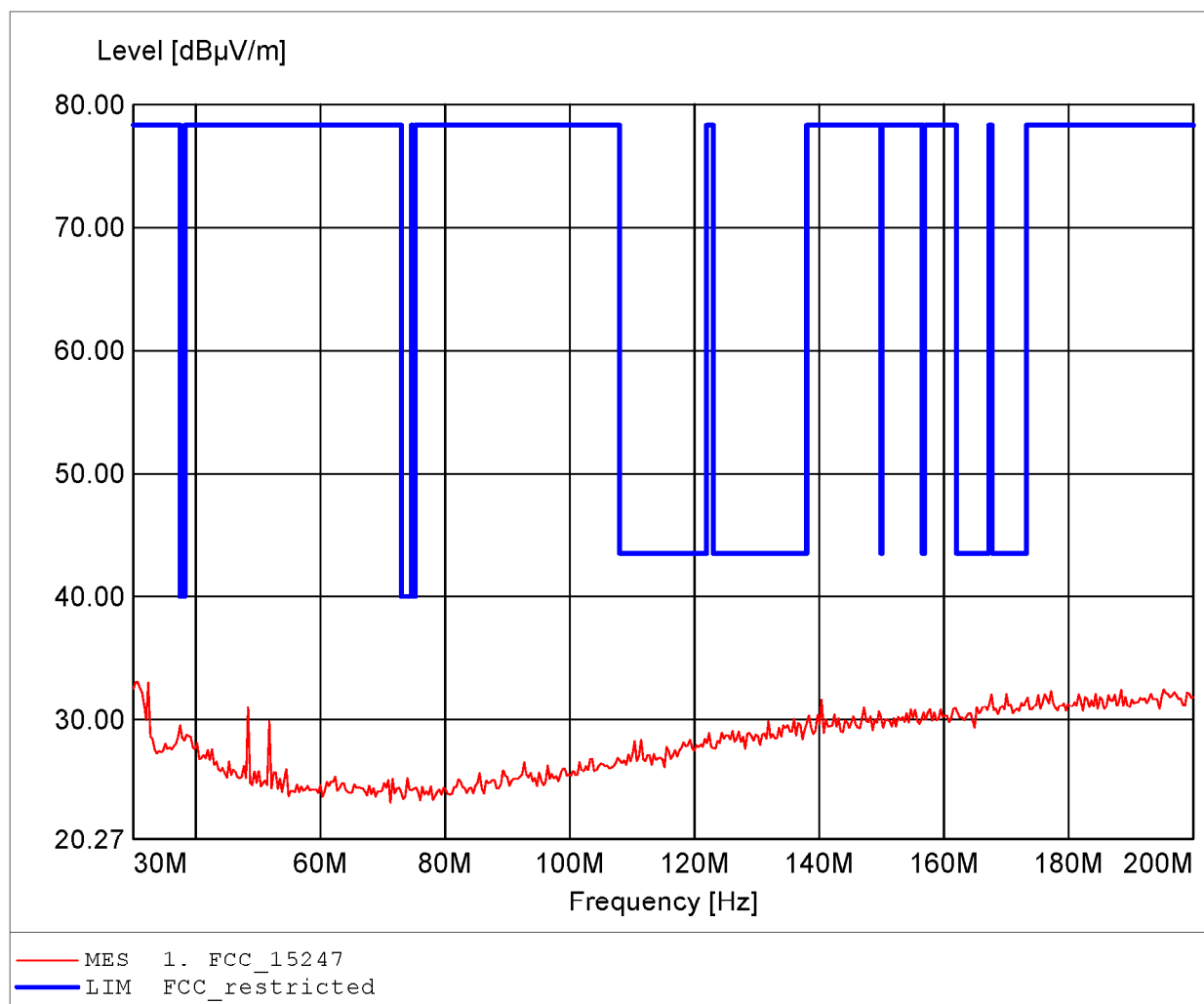
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2402 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.343GHz, Emax: 44.79dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

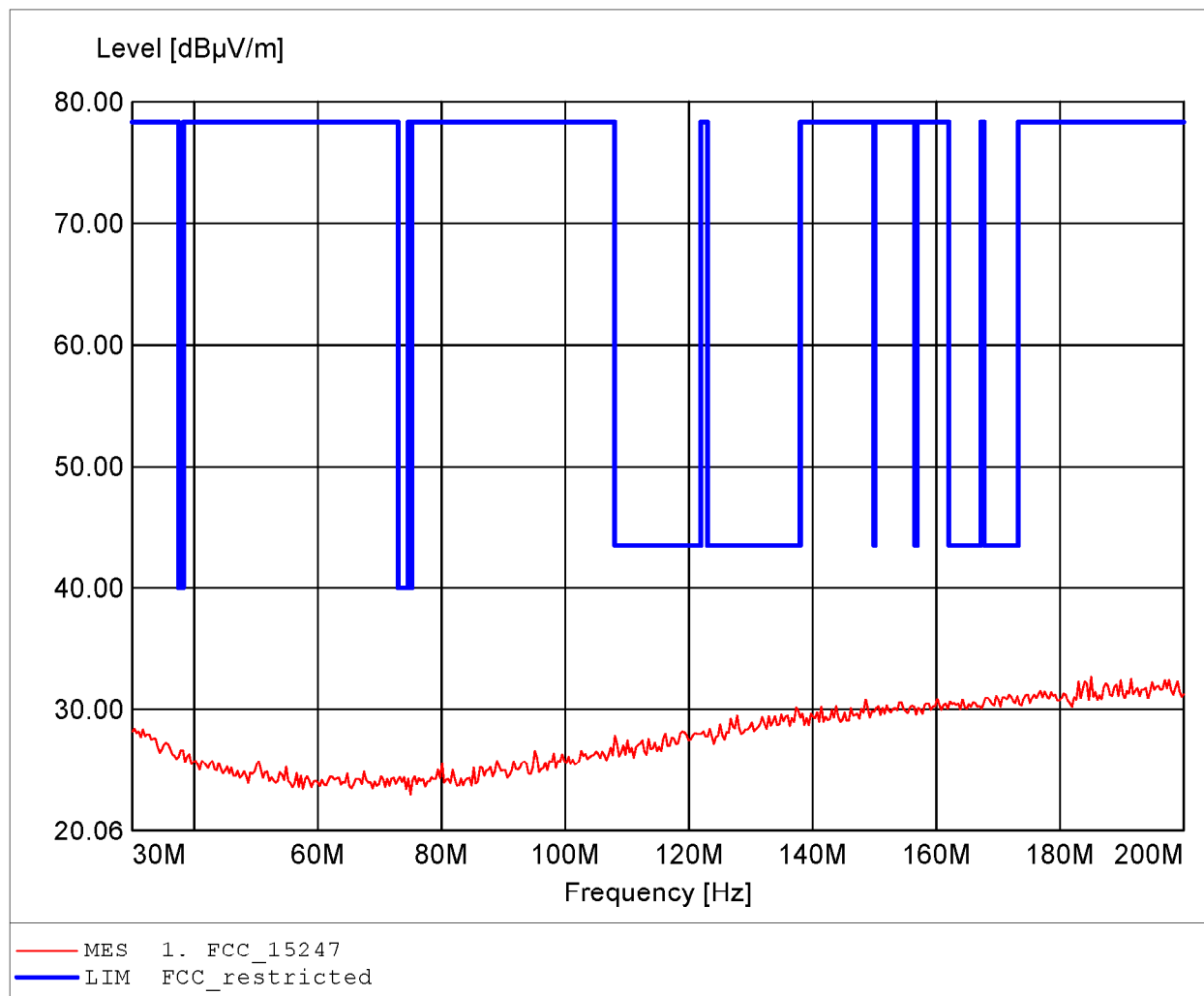
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.681MHz, Emax: 33.08dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

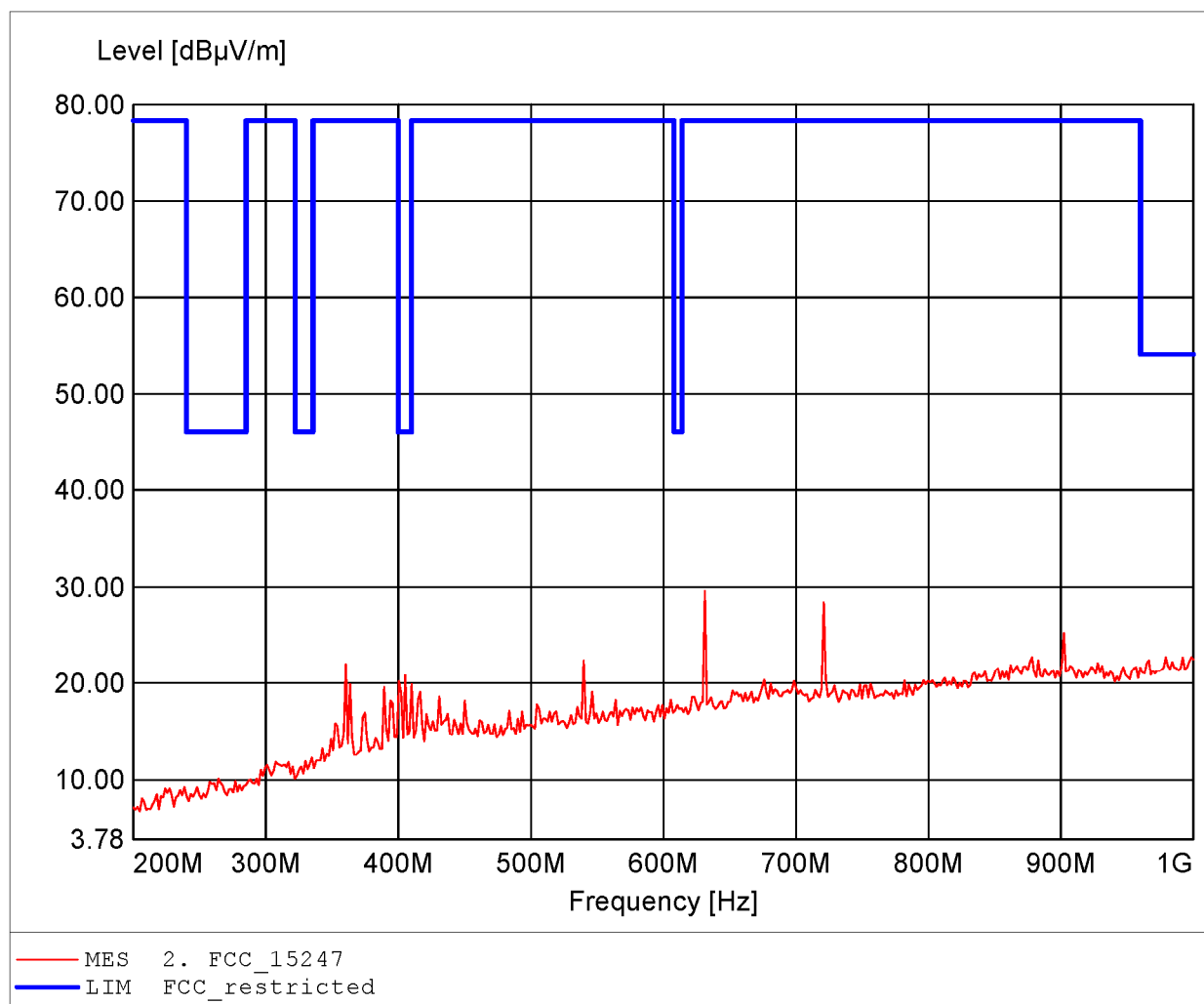
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 185.010MHz, Emax: 32.76dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

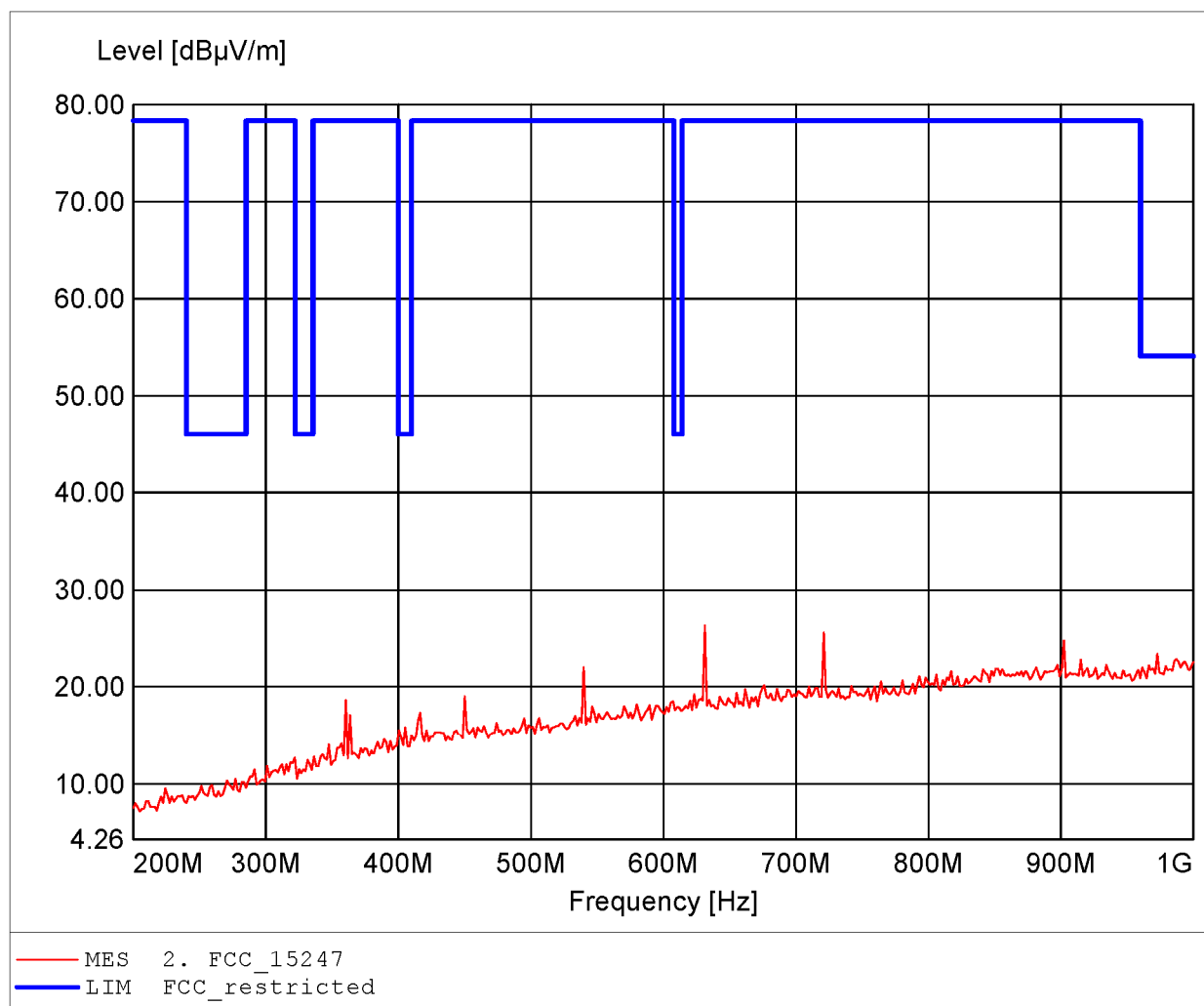
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 631.263MHz, Emax: 29.62dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

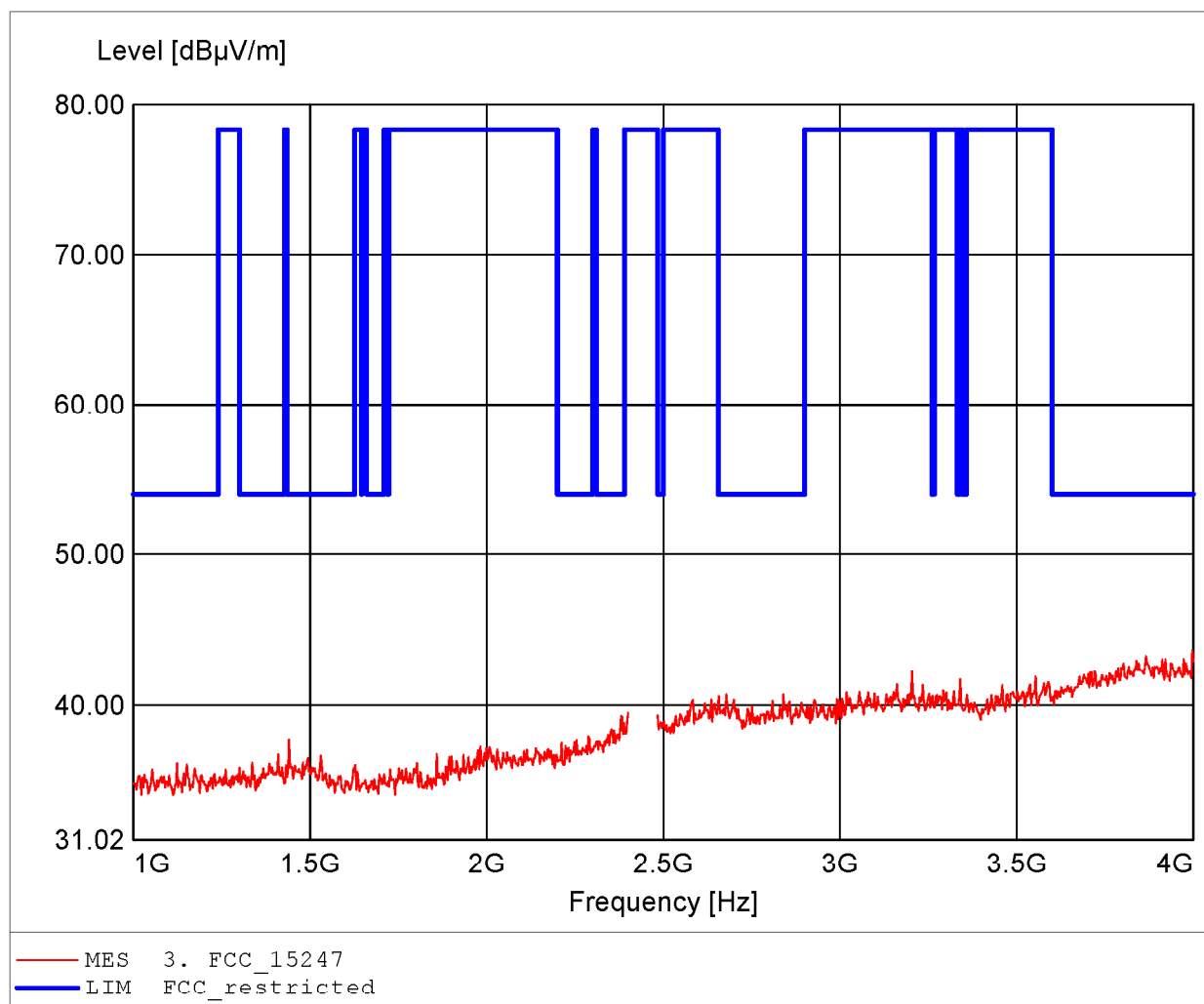
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 631.263MHz, Emax: 26.32dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

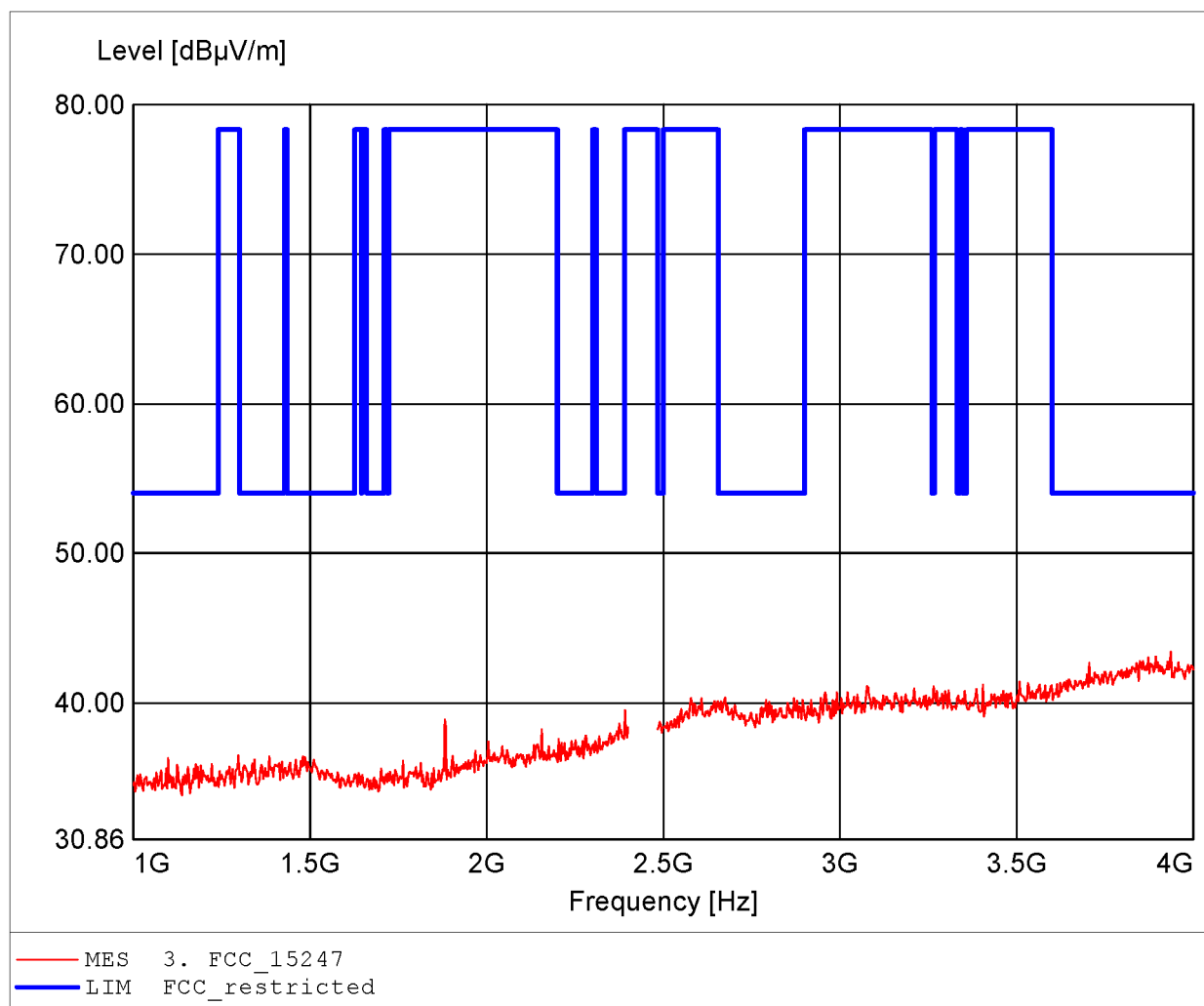
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.997GHz, Emax: 43.66dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

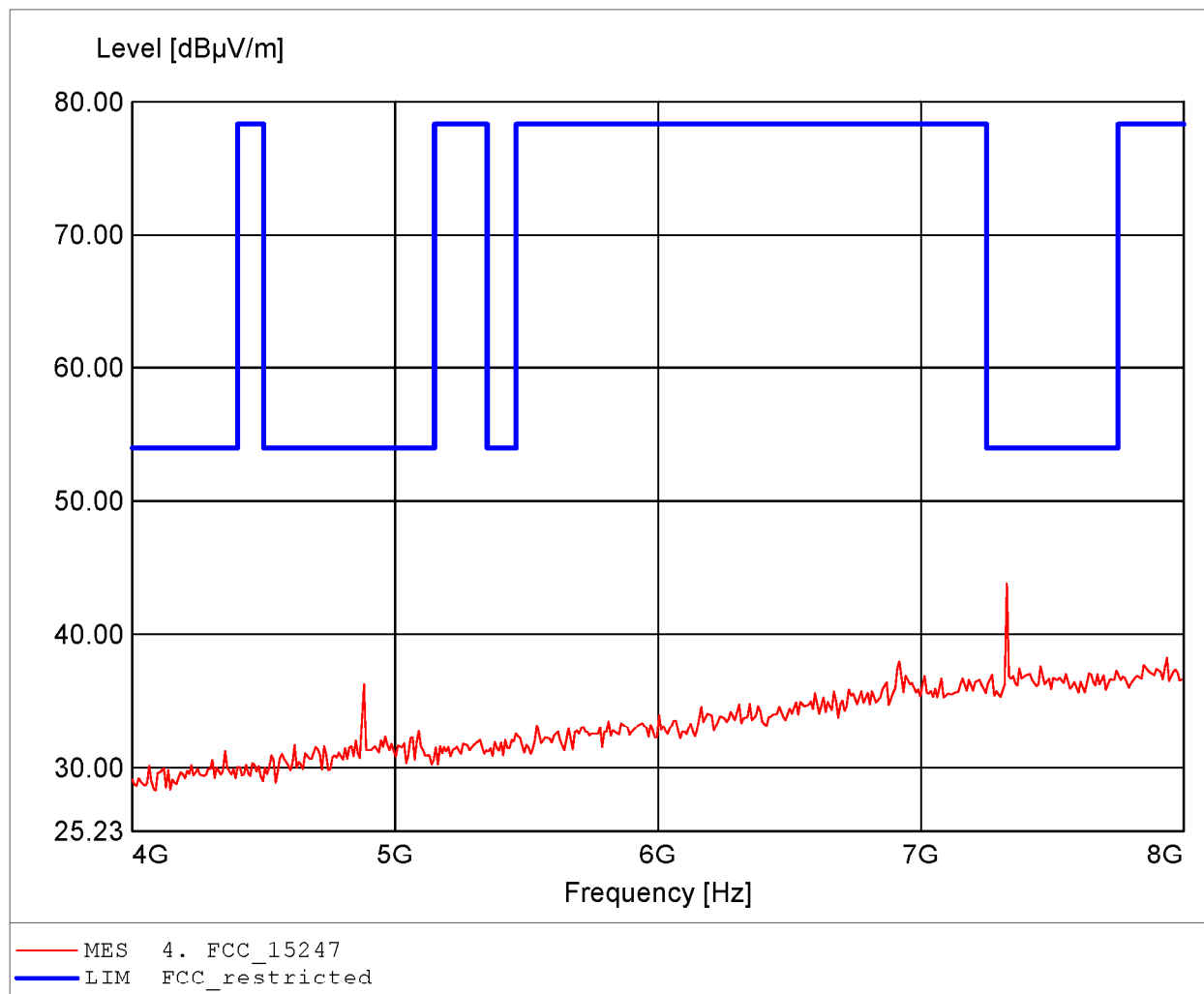
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.936GHz, Emax: 43.45dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

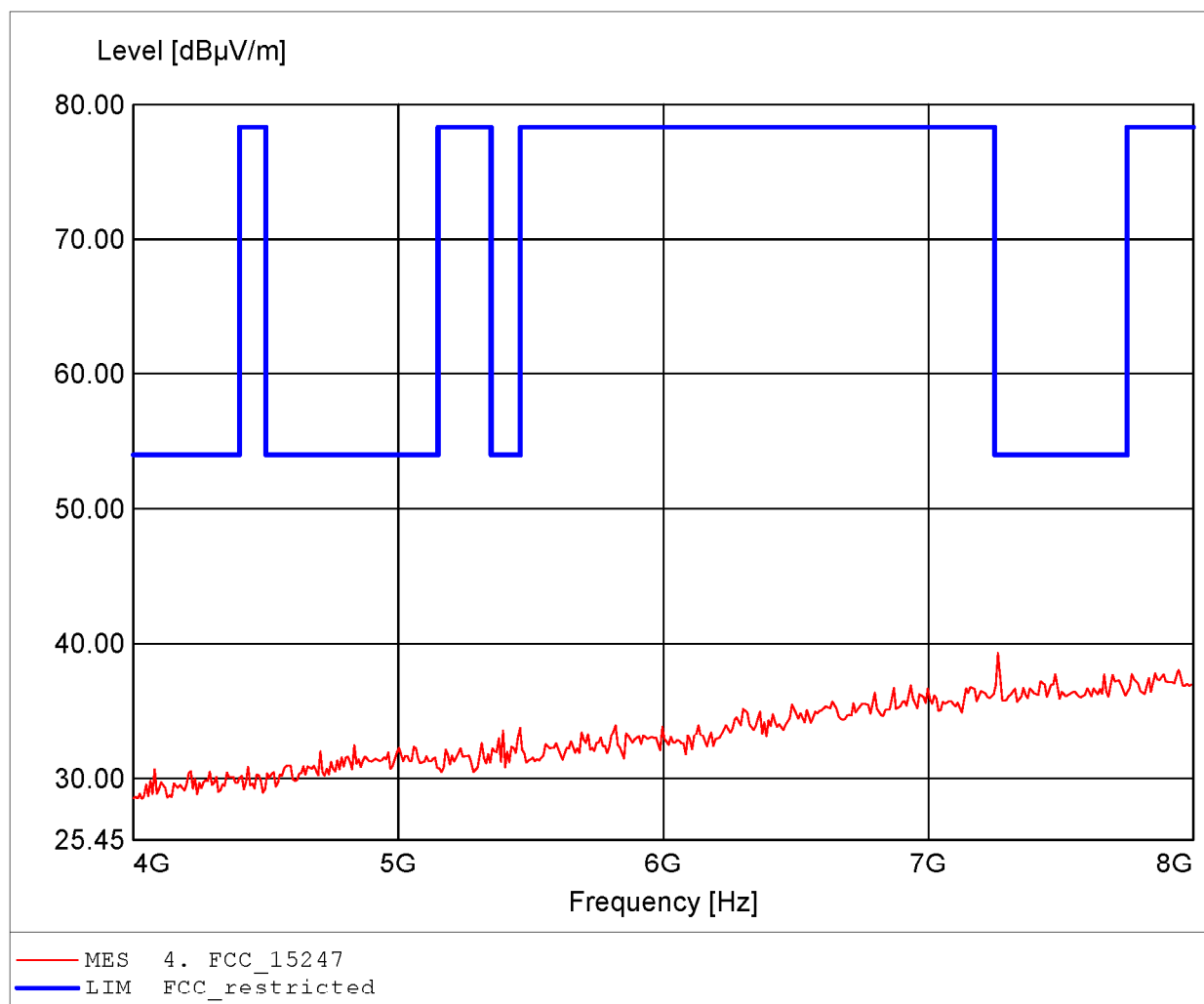
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.327GHz, Emax: 43.85dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

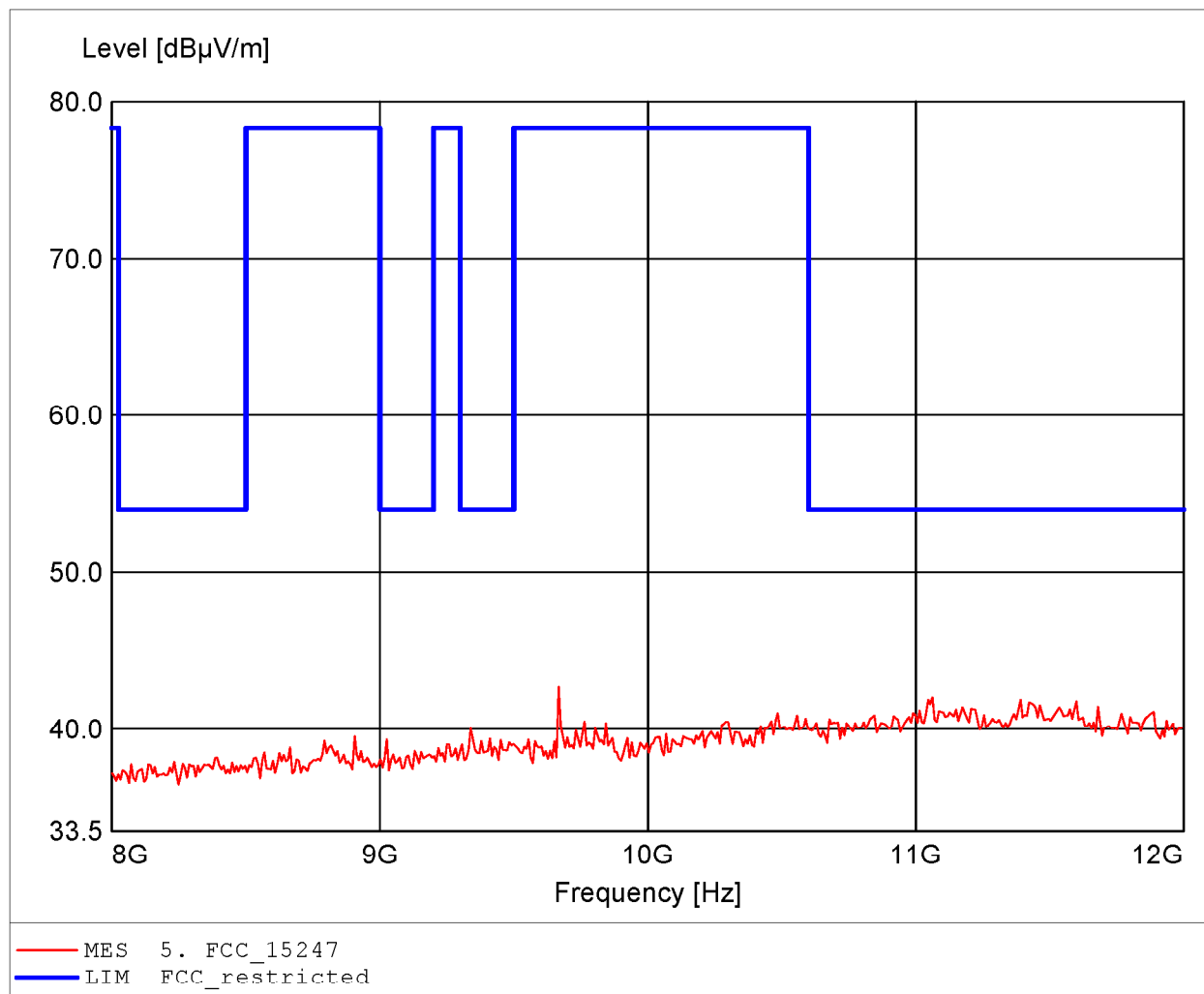
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.263GHz, Emax: 39.32dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

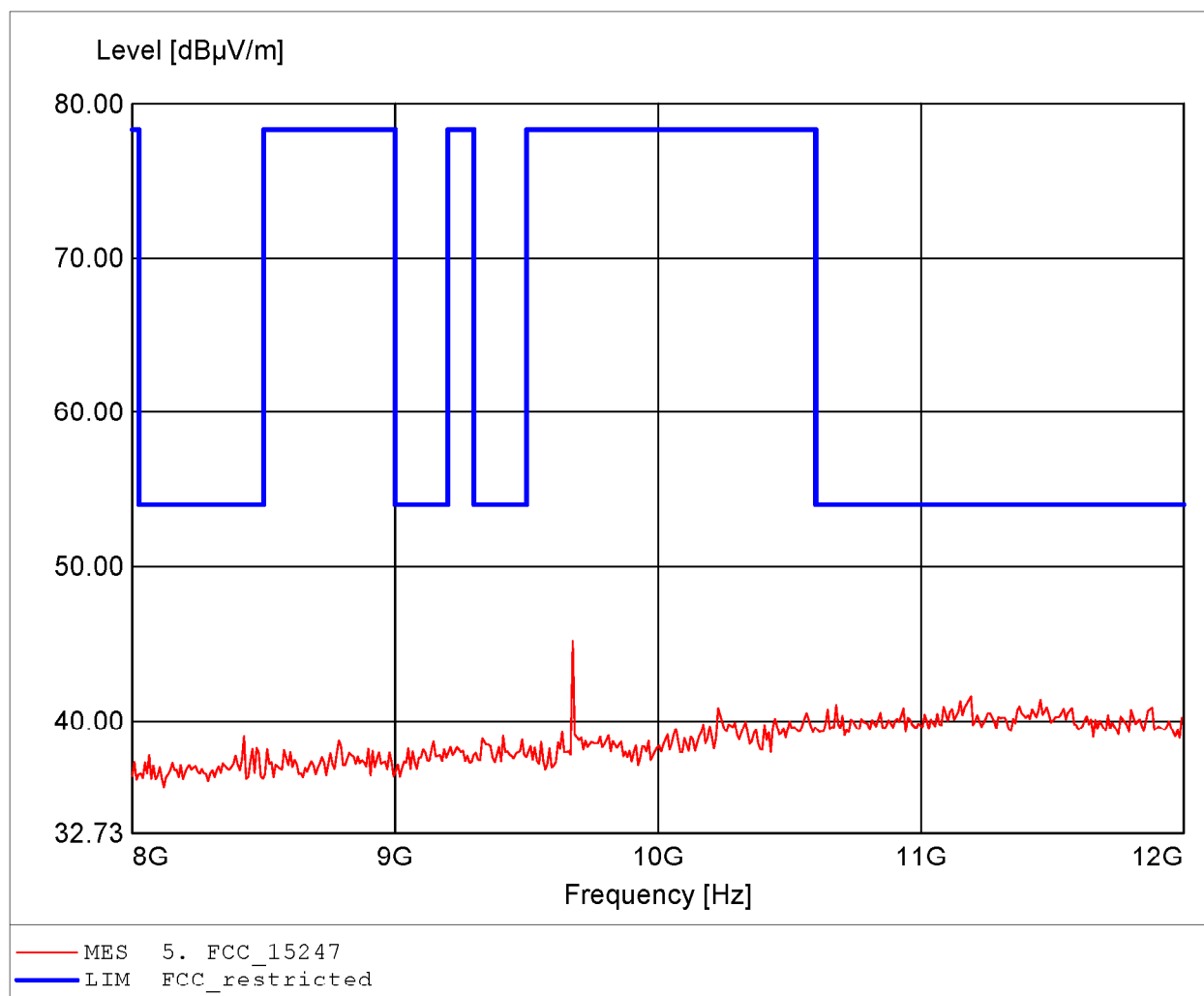
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.667GHz, Emax: 42.69dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

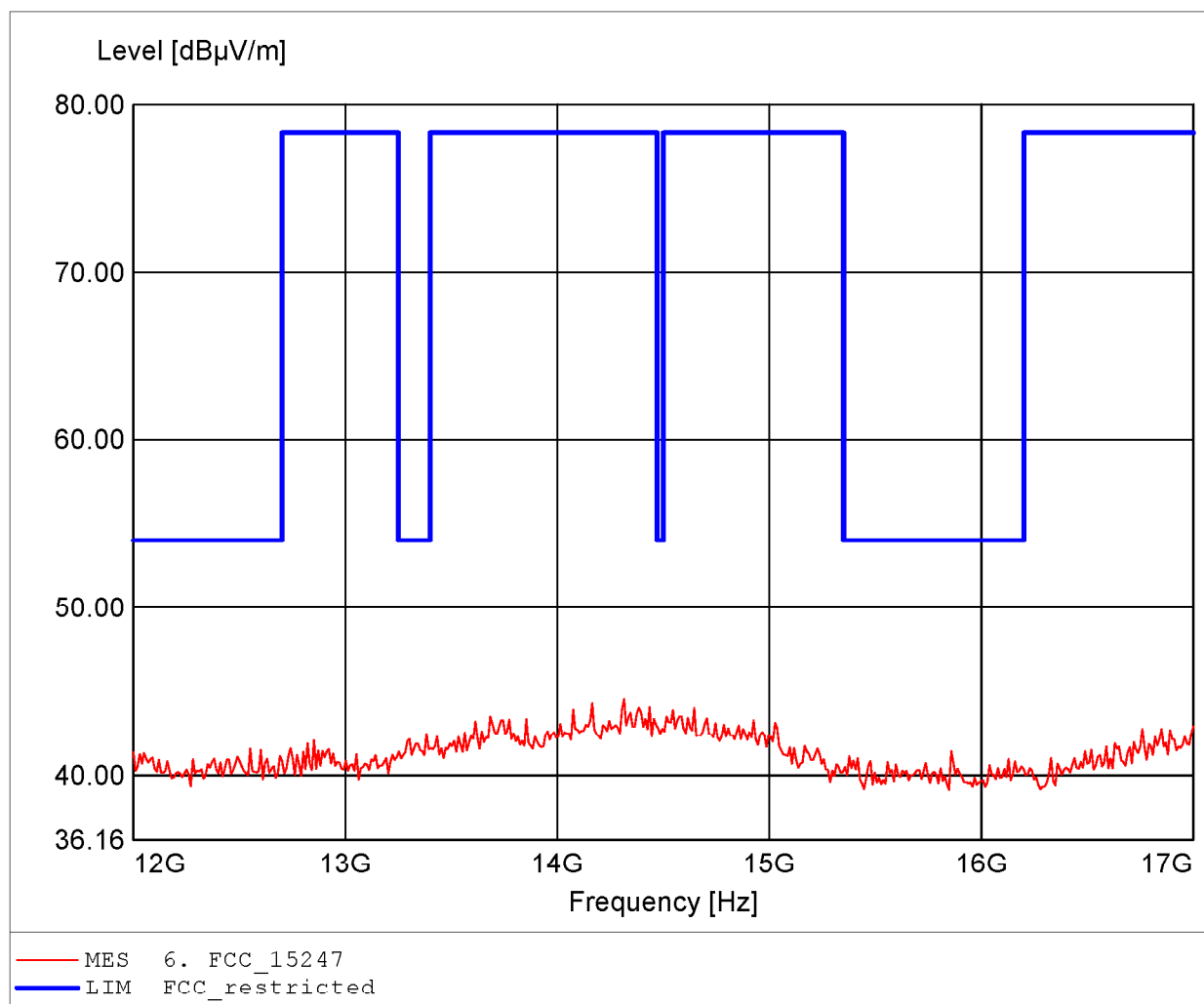
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.675GHz, Emax: 45.18dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

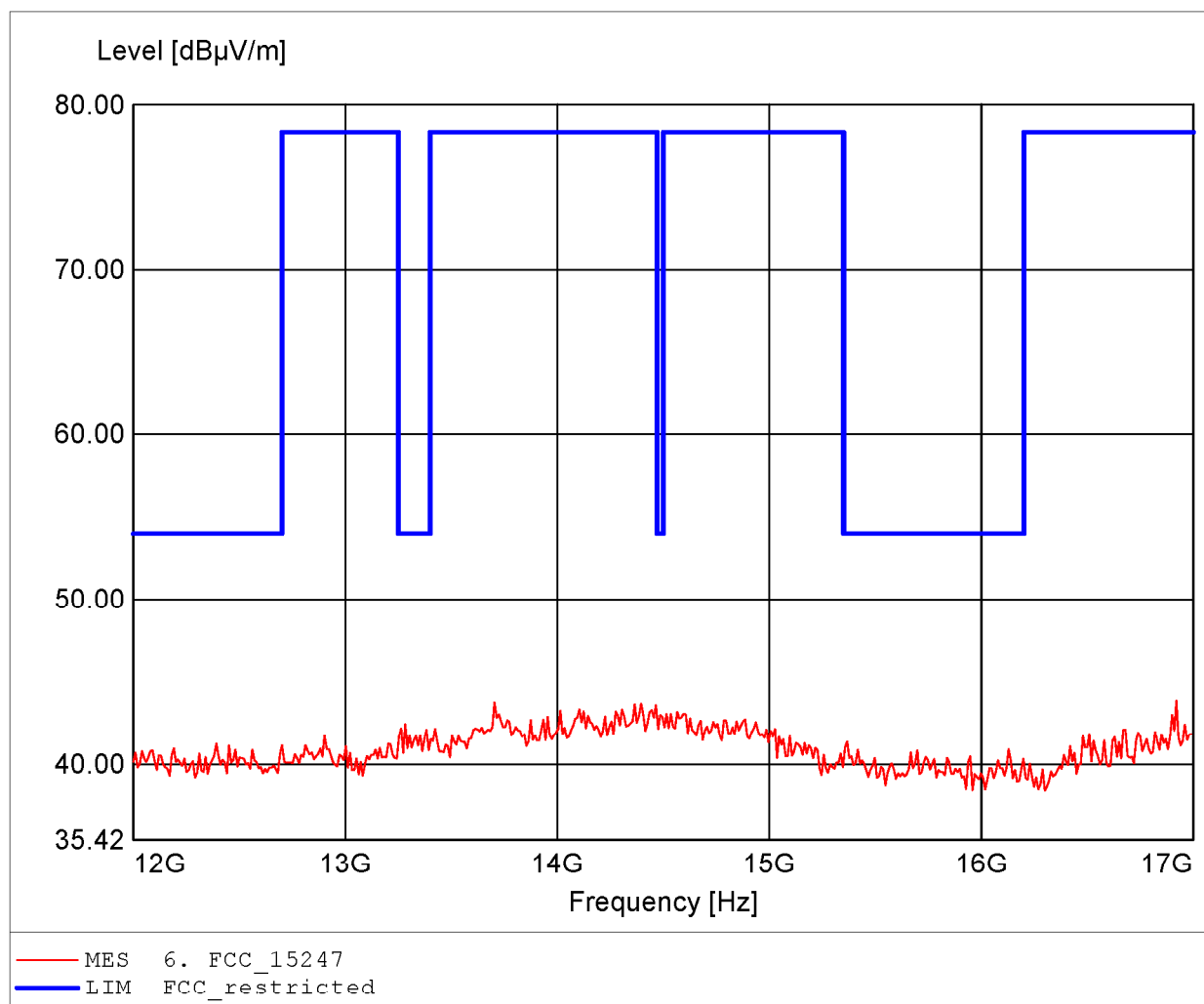
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.315GHz, Emax: 44.54dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

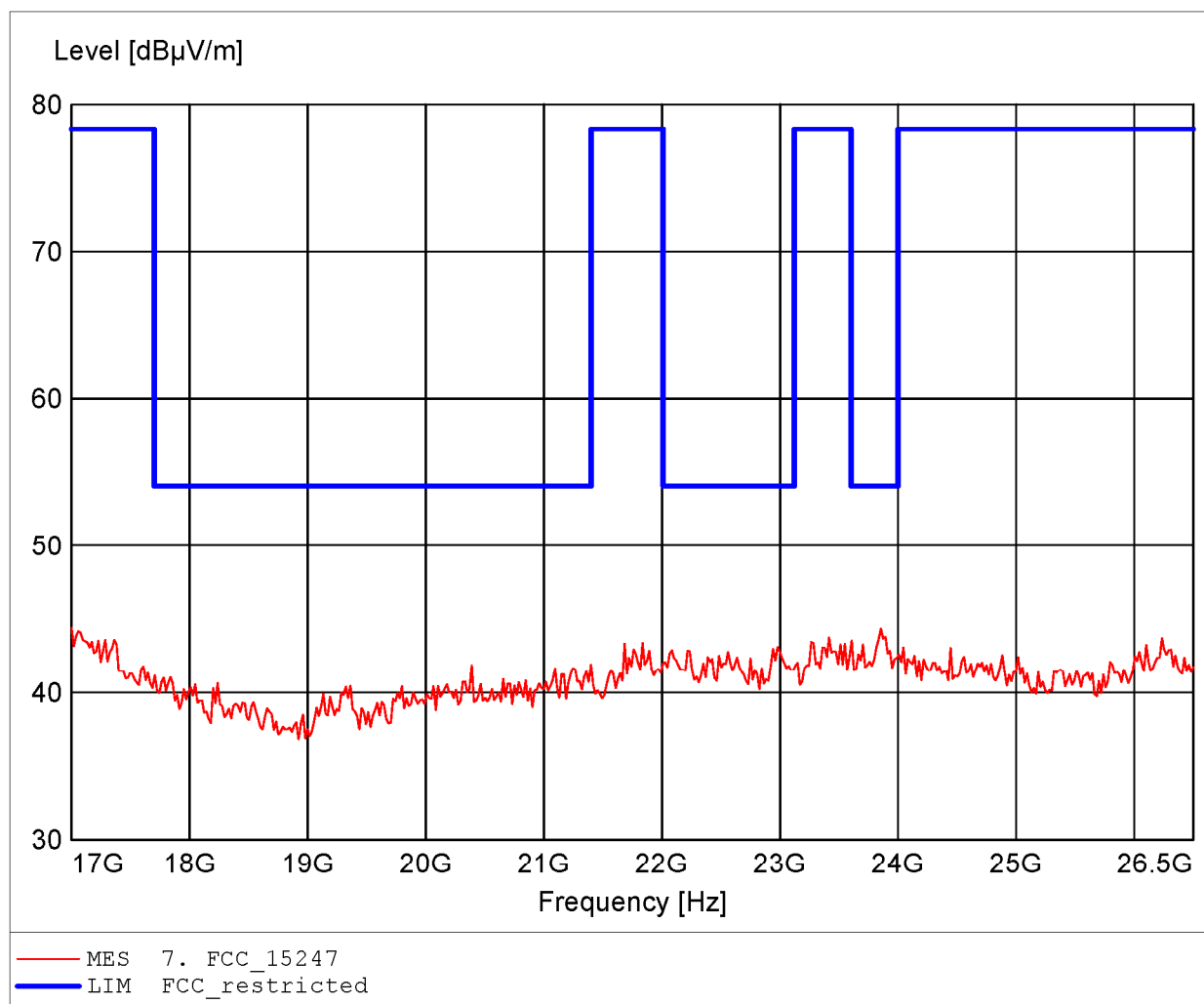
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 16.920GHz, Emax: 43.84dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

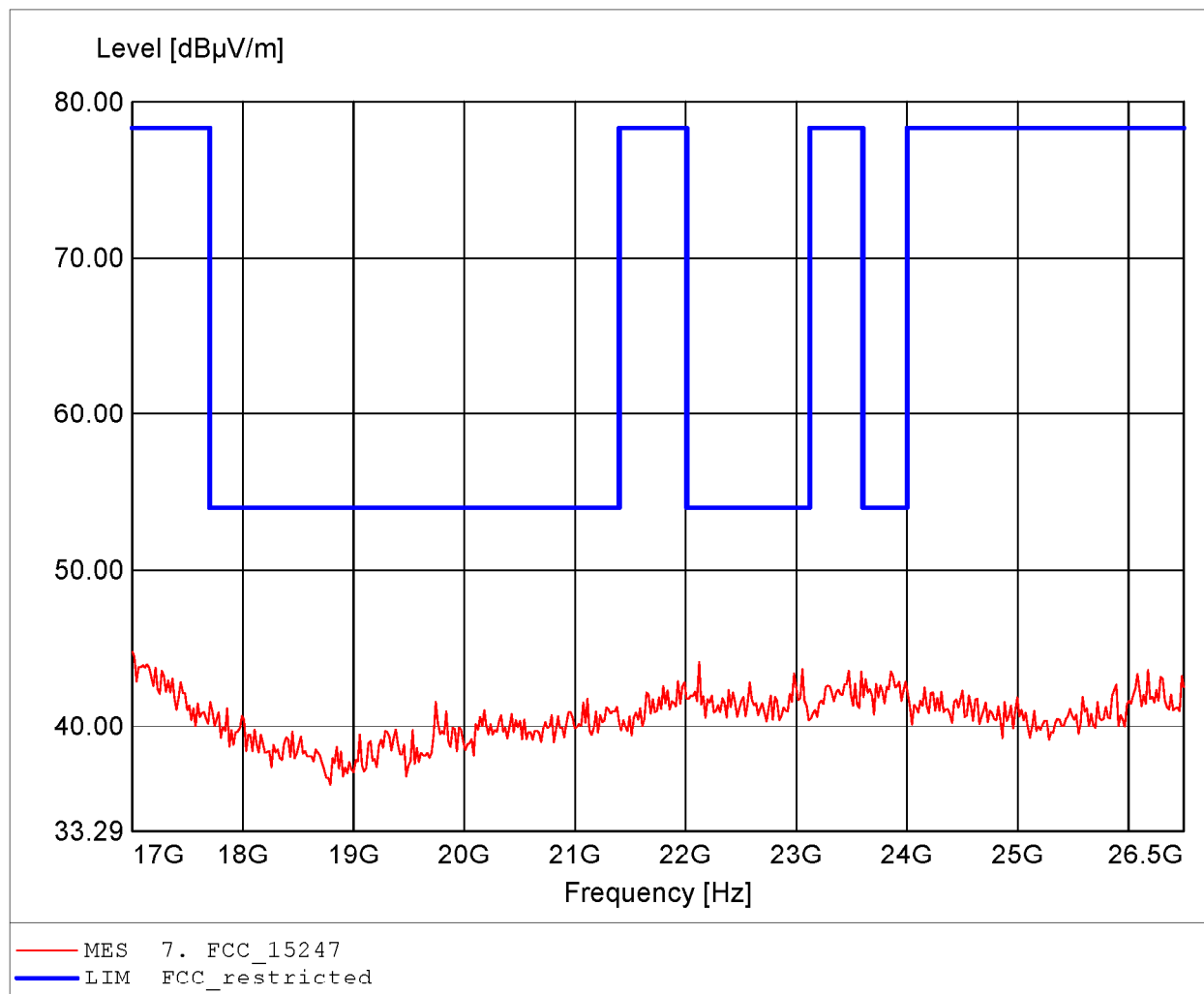
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 44.40dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

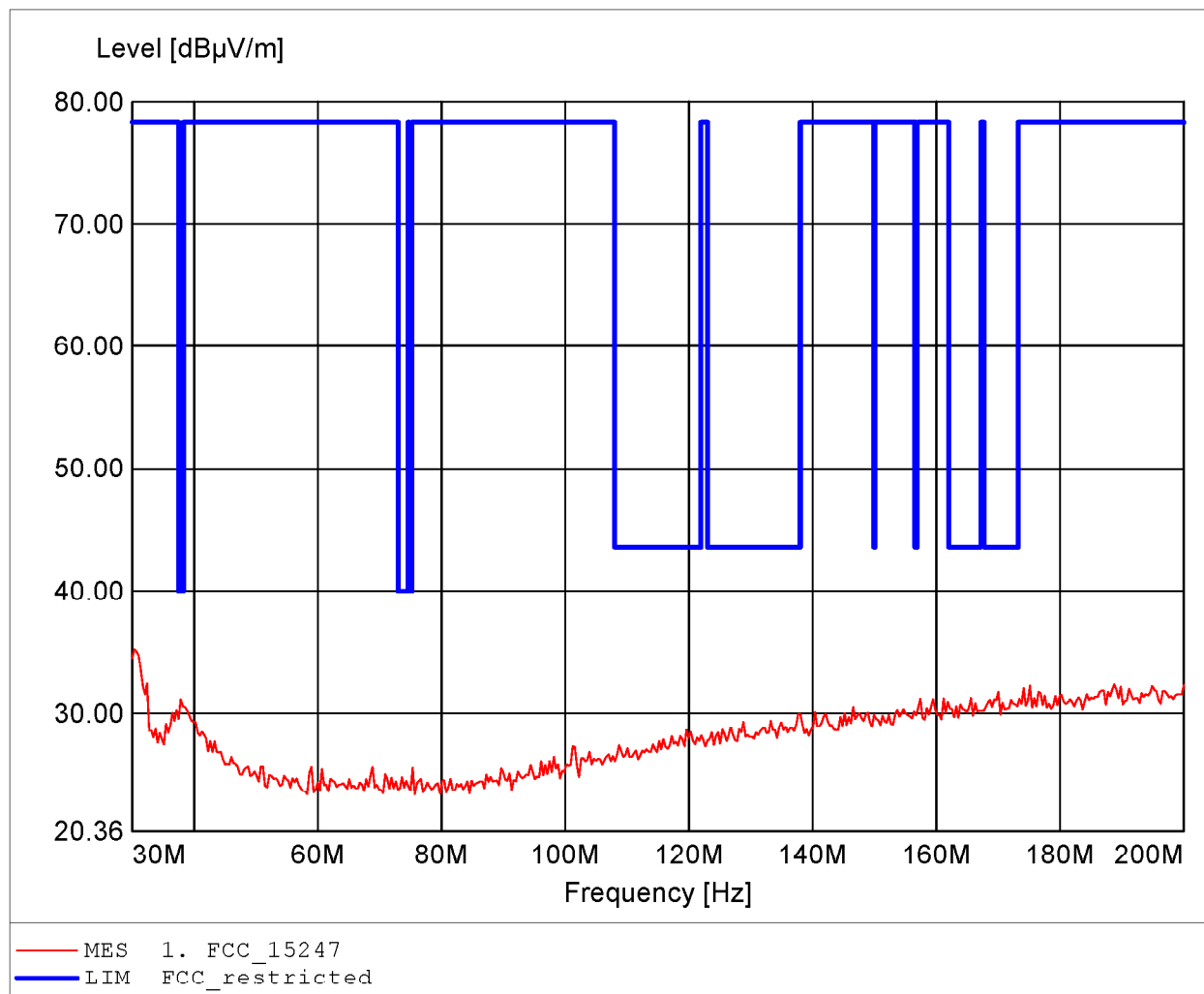
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2441 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 44.80dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

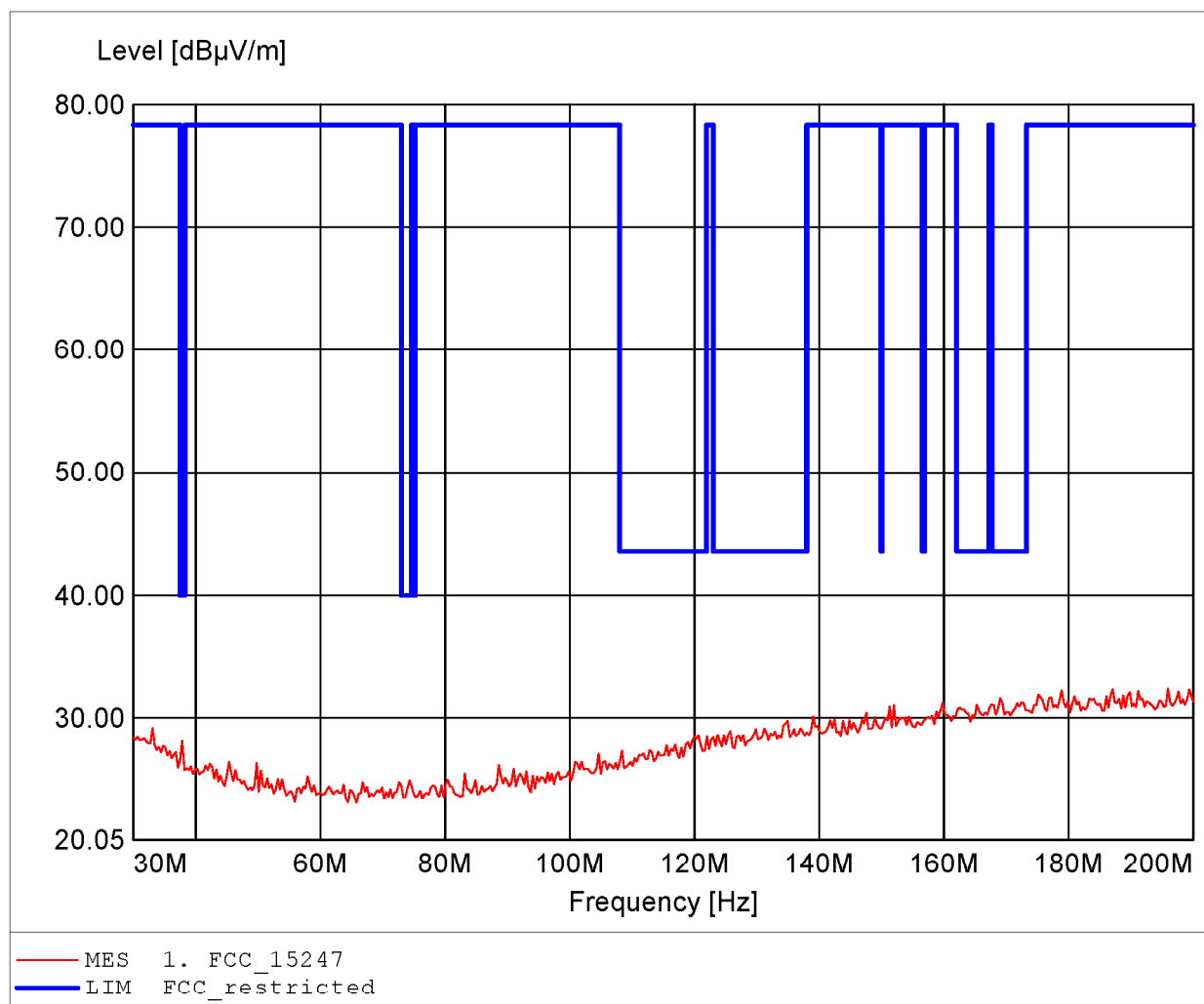
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 30.341MHz, Emax: 35.24dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

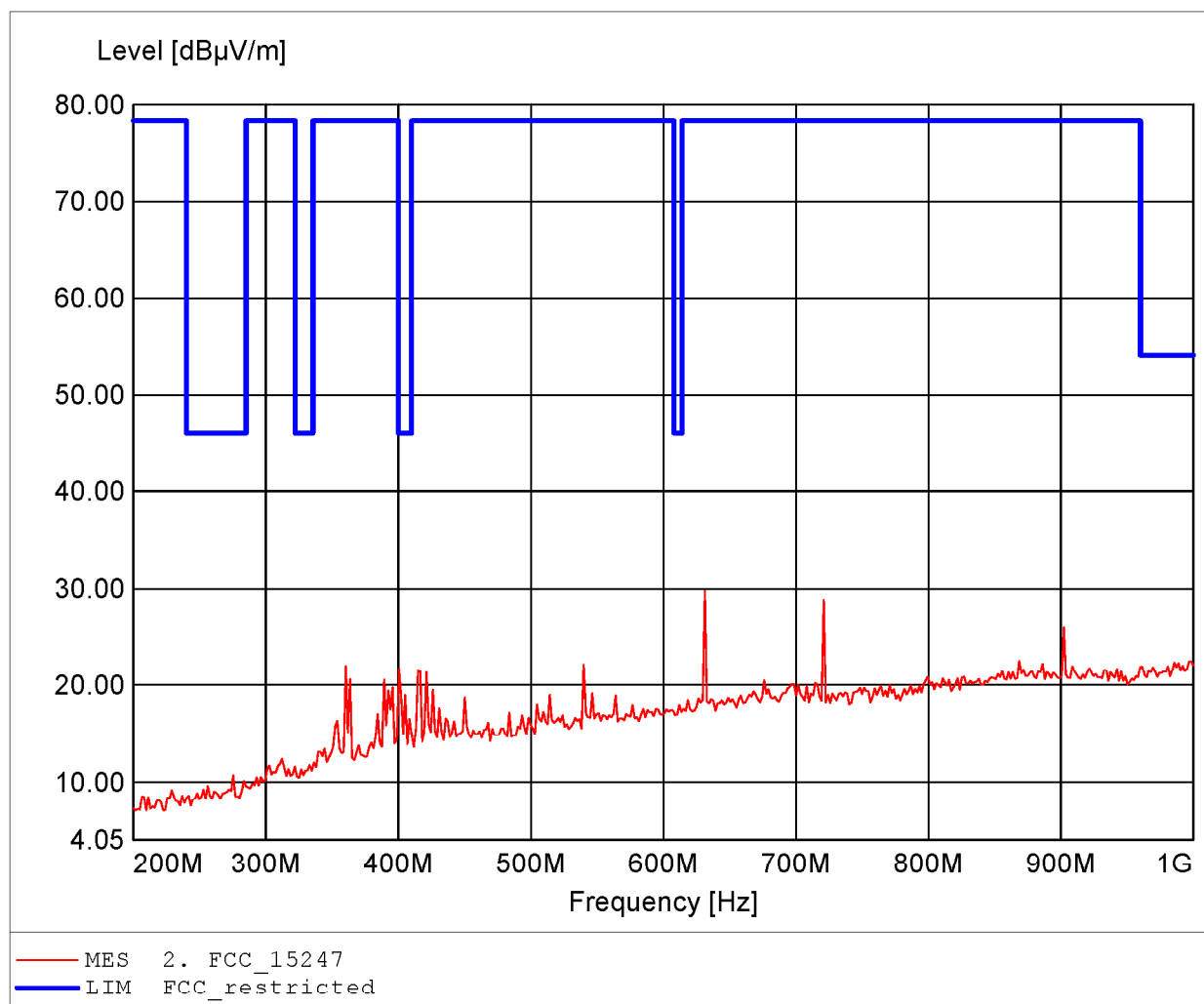
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.912MHz, Emax: 32.35dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

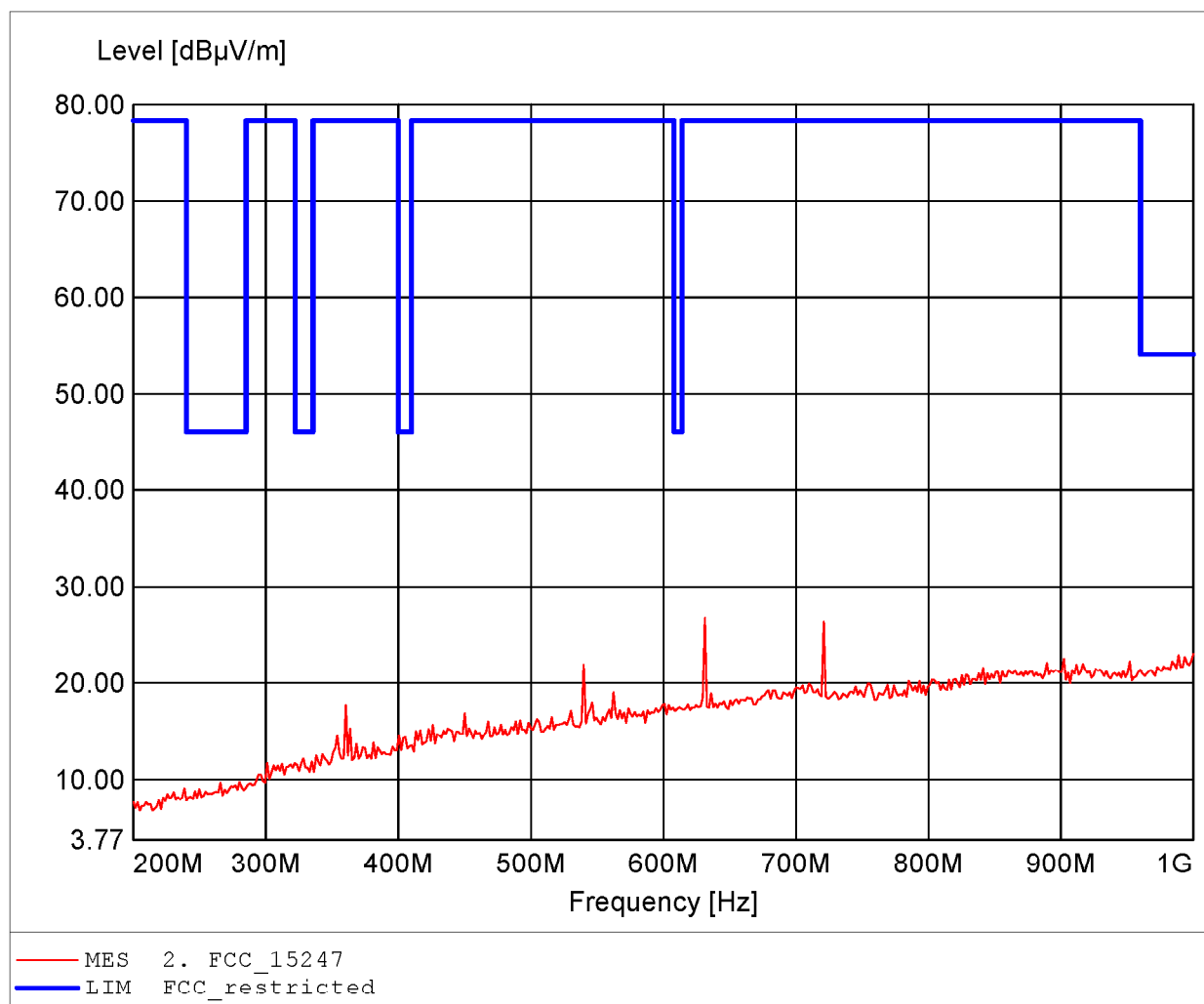
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 631.263MHz, Emax: 29.79dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

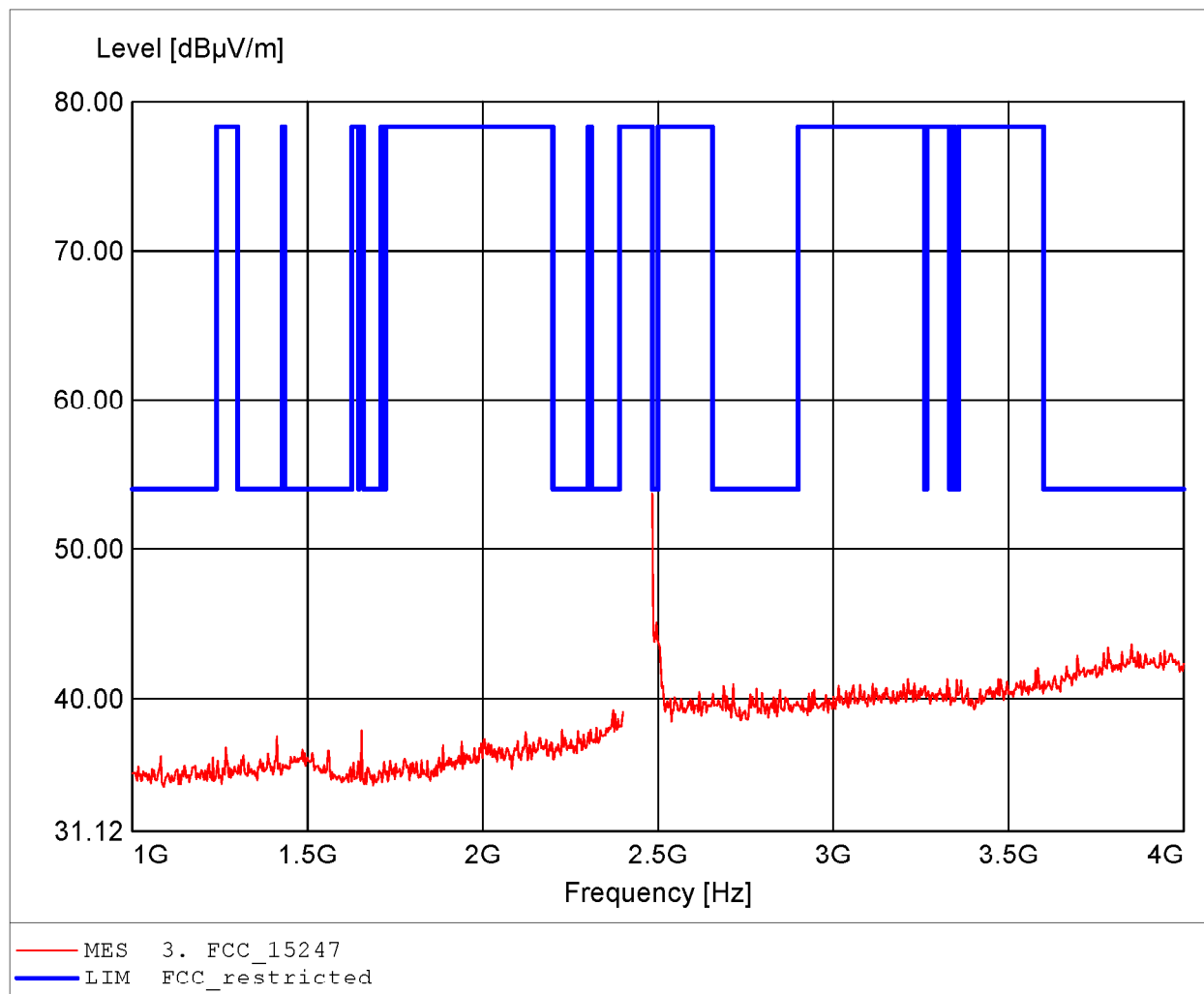
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 631.263MHz, Emax: 26.73dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

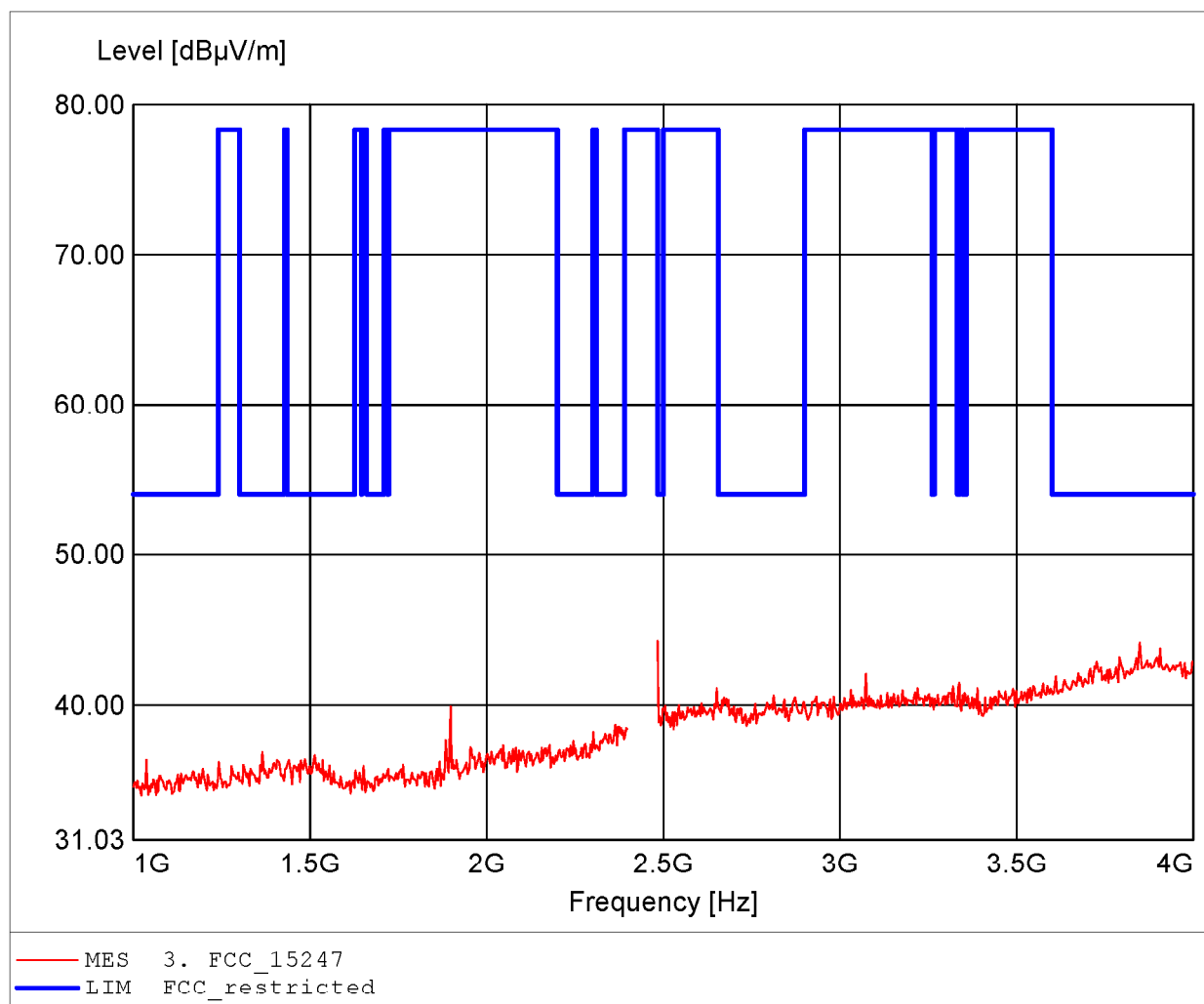
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 53.72dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

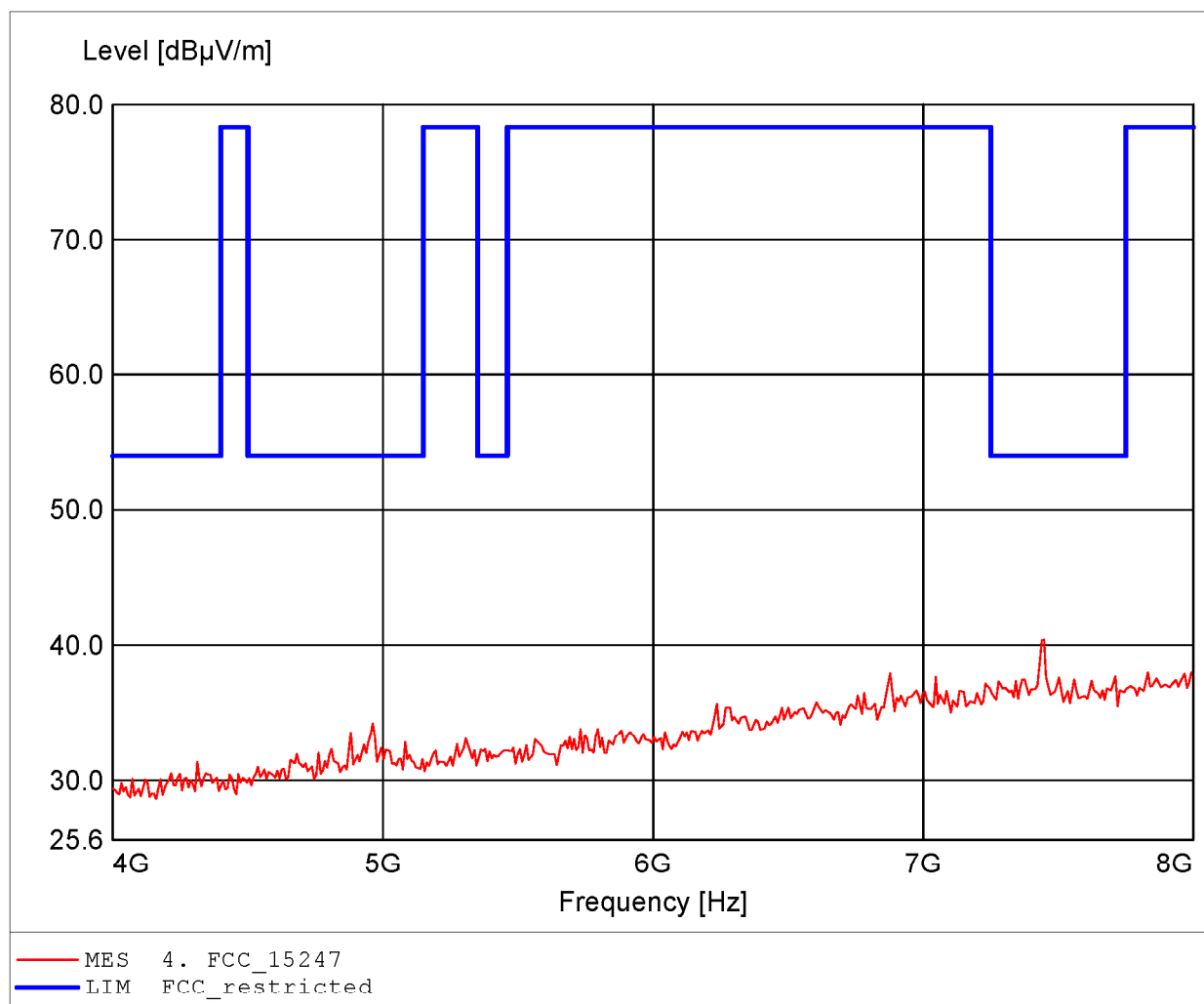
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 44.29dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

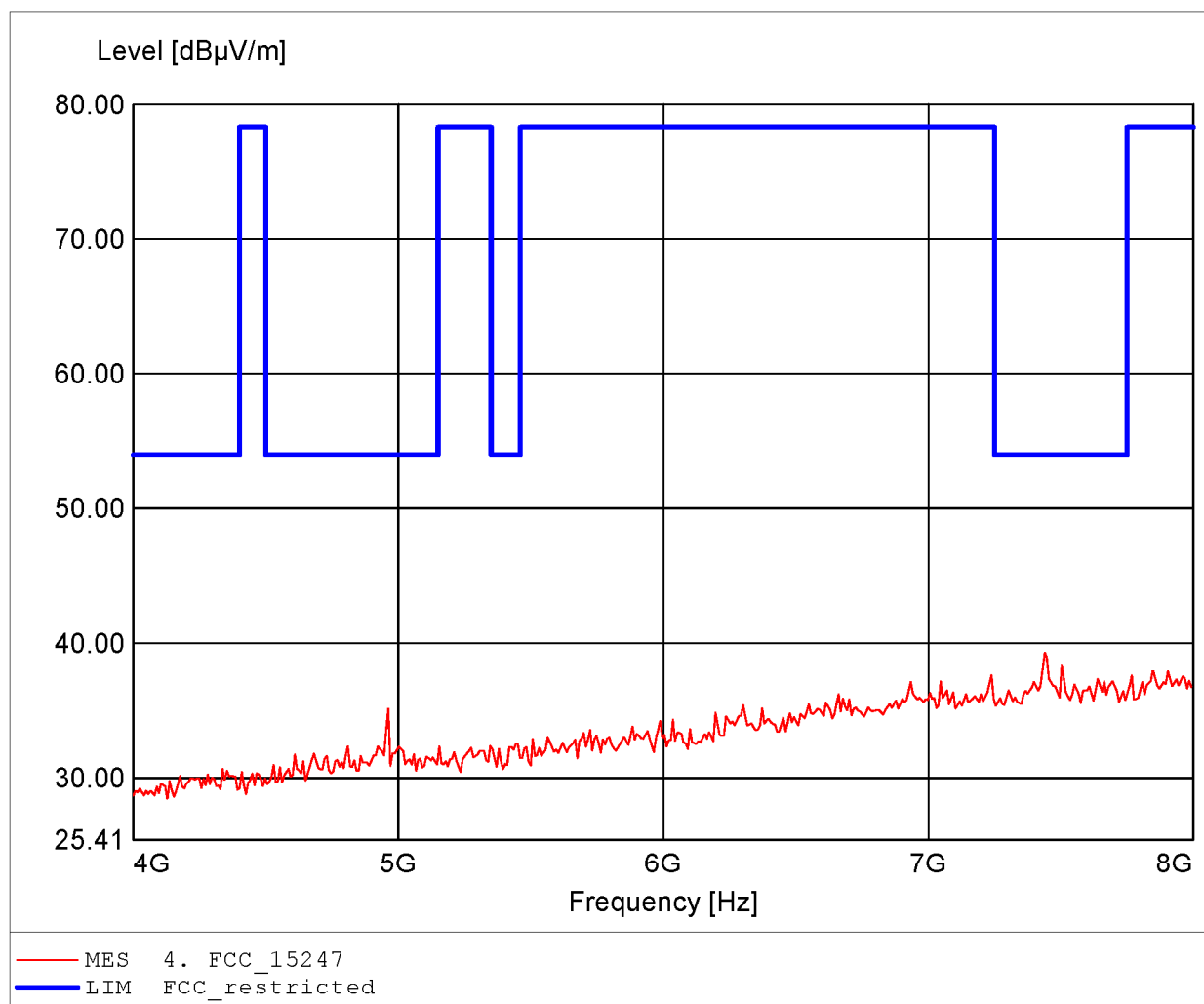
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.447GHz, Emax: 40.40dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

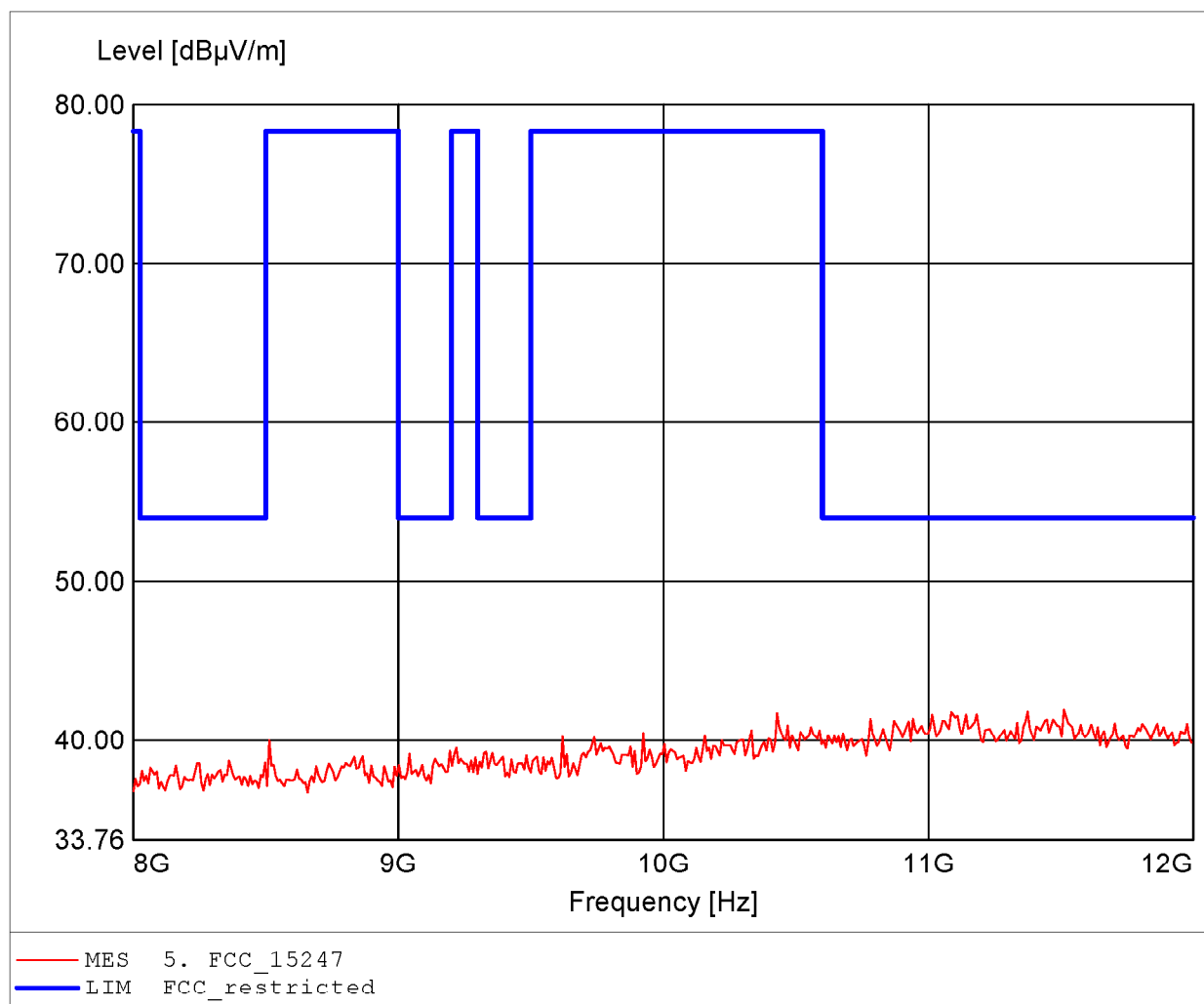
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.439GHz, Emax: 39.32dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

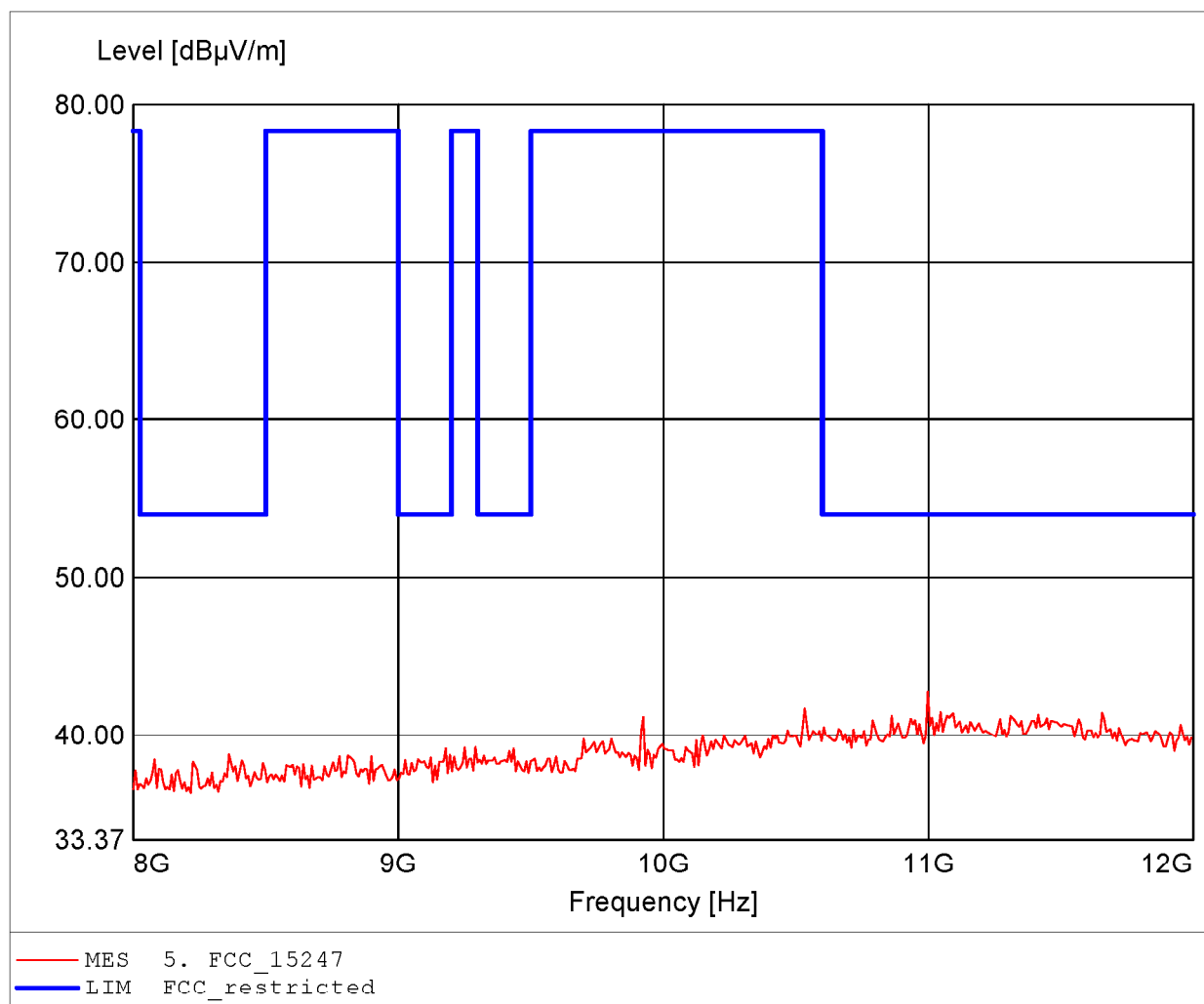
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.511GHz, Emax: 41.96dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

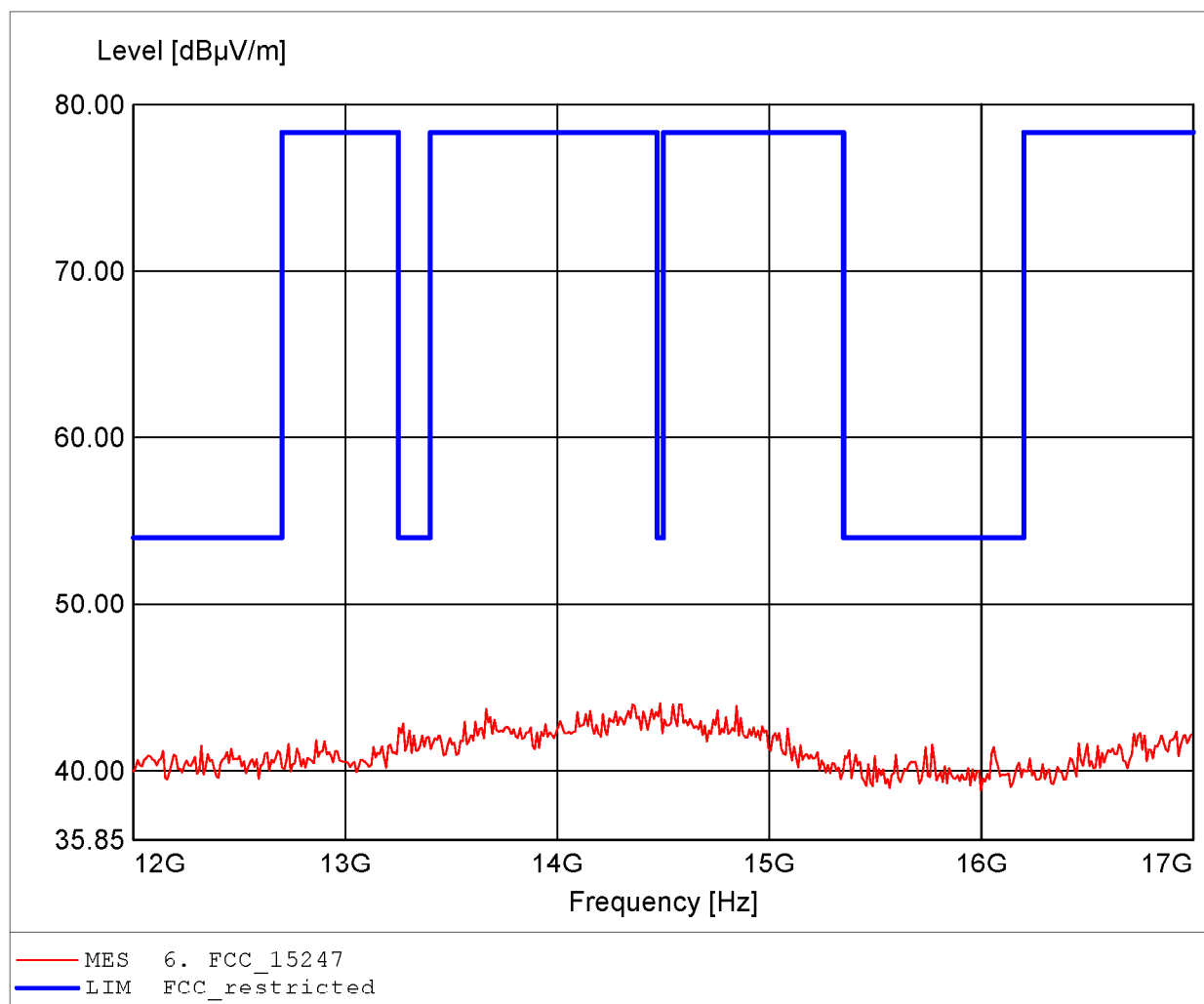
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 10.998GHz, Emax: 42.75dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

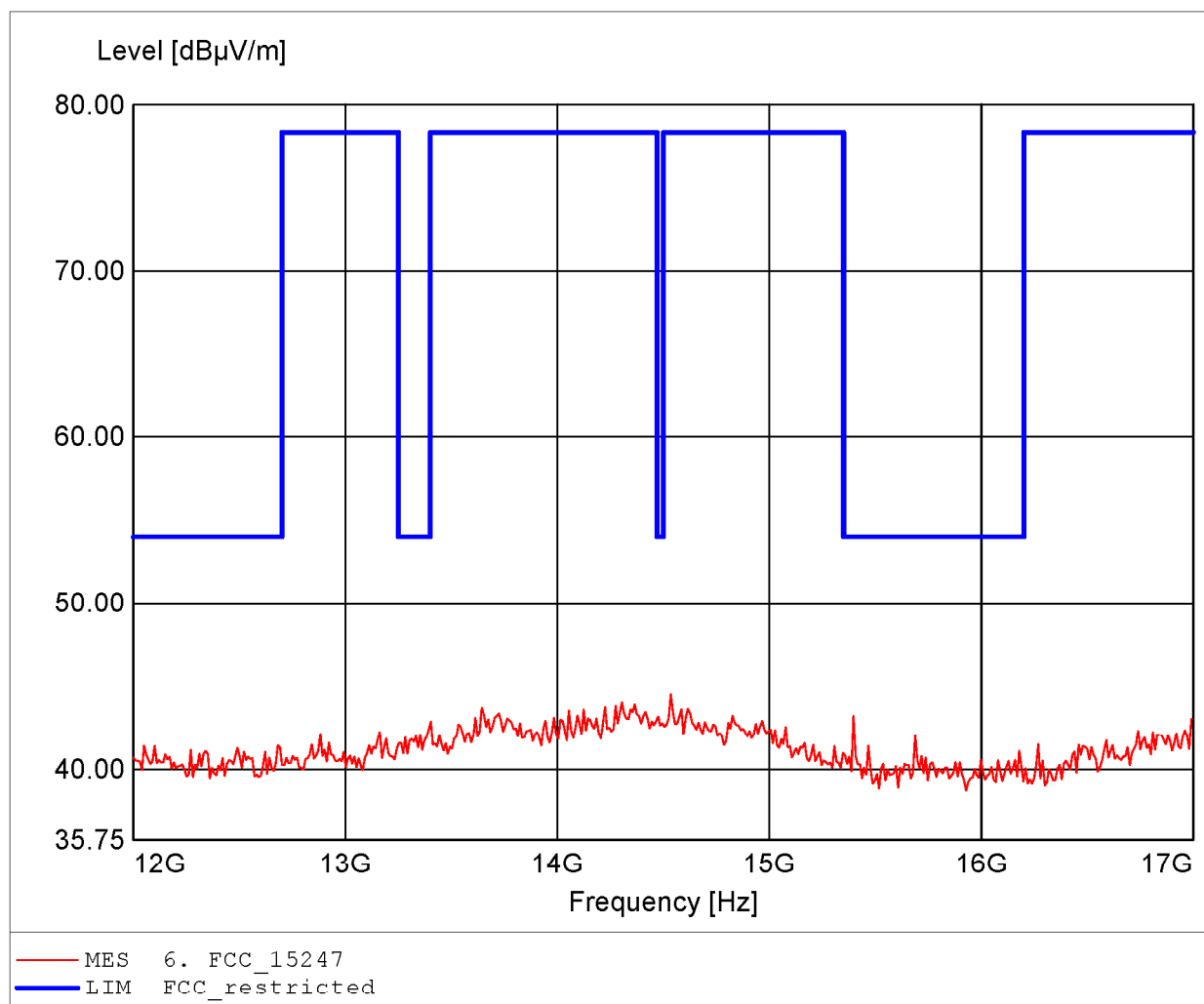
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.485GHz, Emax: 44.05dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

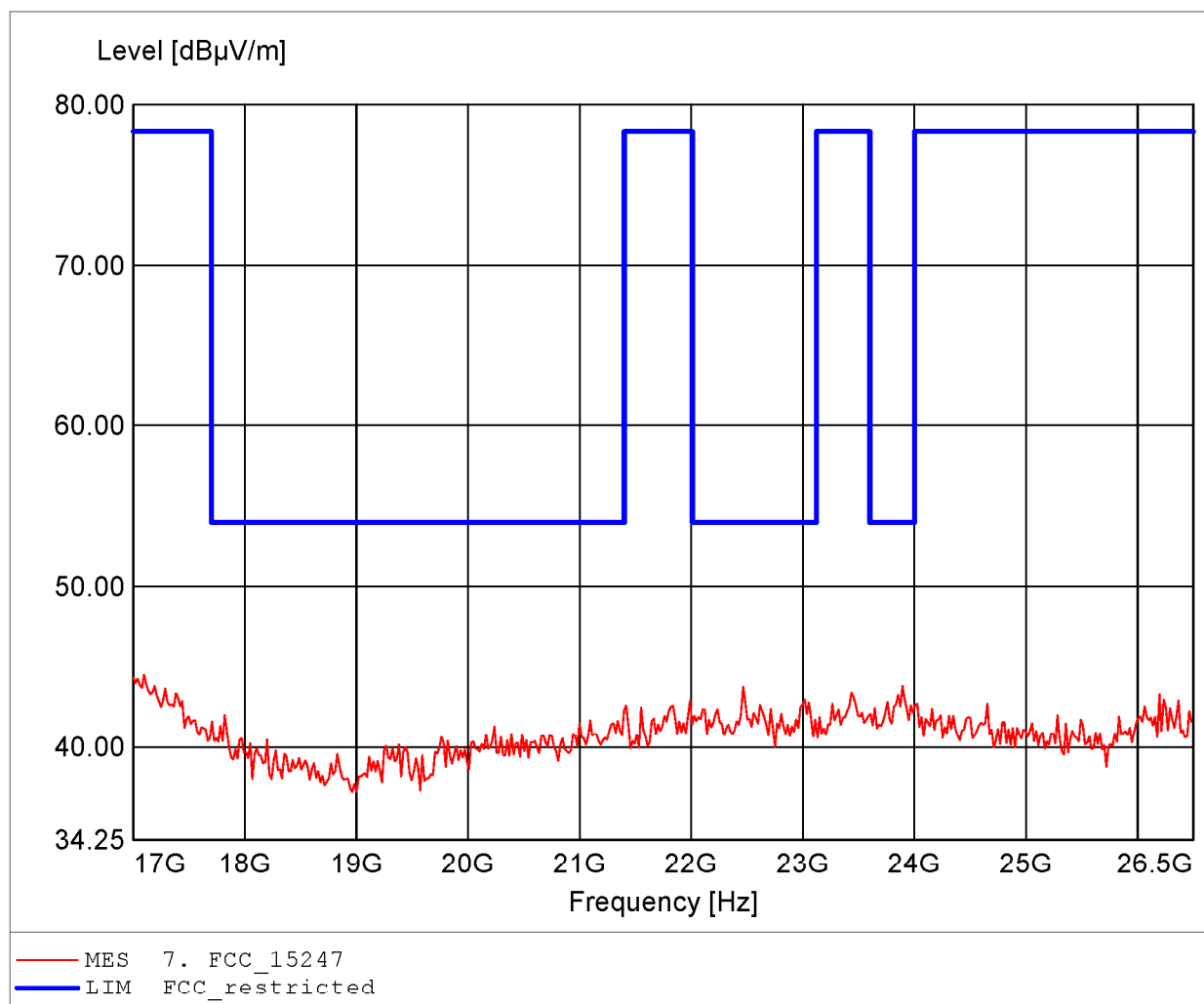
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.535GHz, Emax: 44.49dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

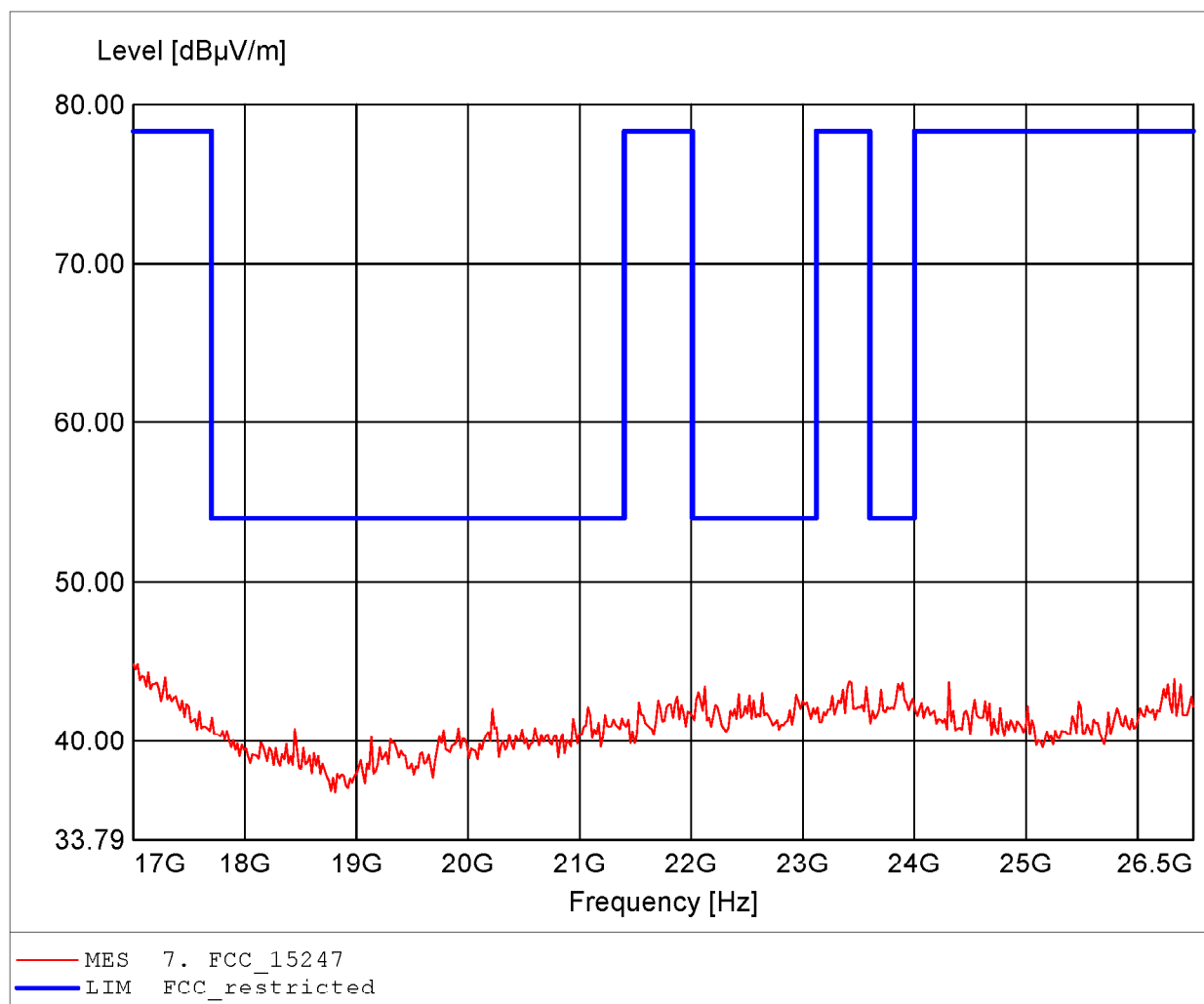
Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.095GHz, Emax: 44.48dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Pantech Co., Ltd.
EUT: Triple Band GSM900 (E-GSM)/DCS1800/PCS1900 (with WAP&GPRS)
Model: PG-6200 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Condition: 25°C / Unom: 4.2 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.038GHz, Emax: 44.87dBuV/m, RBW: 1MHz

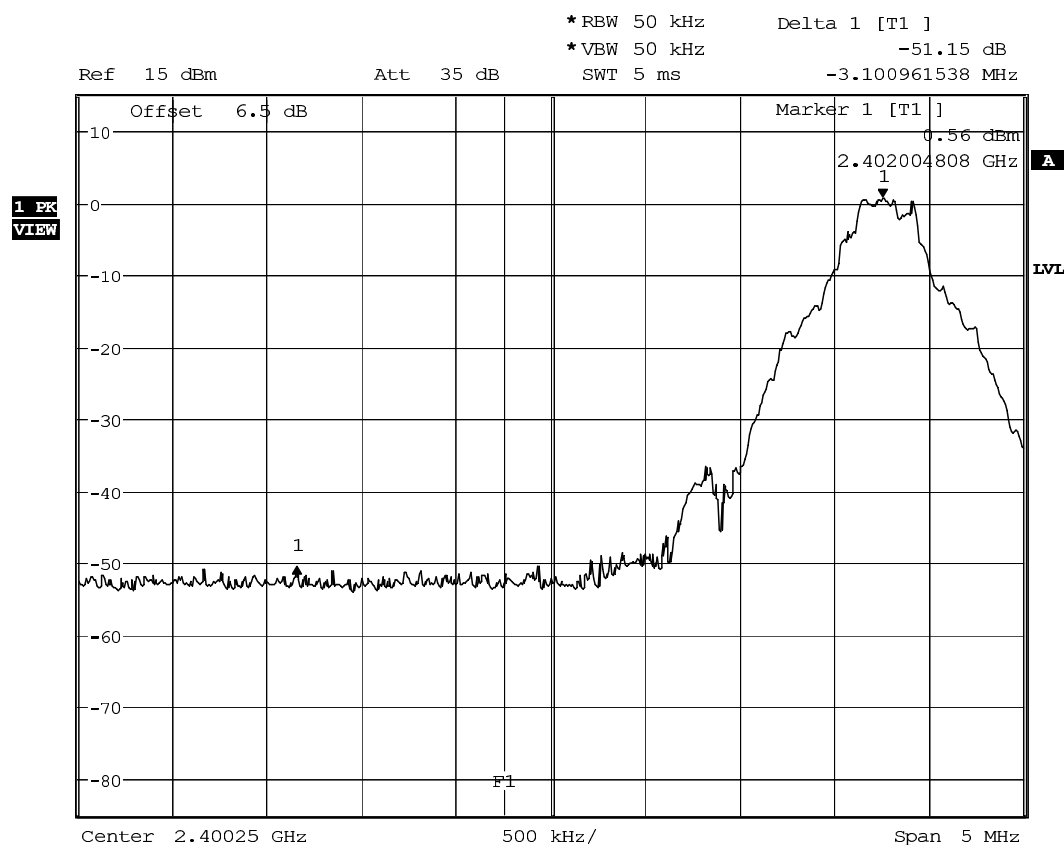


Appendix J

Band-edge compliance

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

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Single frequency mode



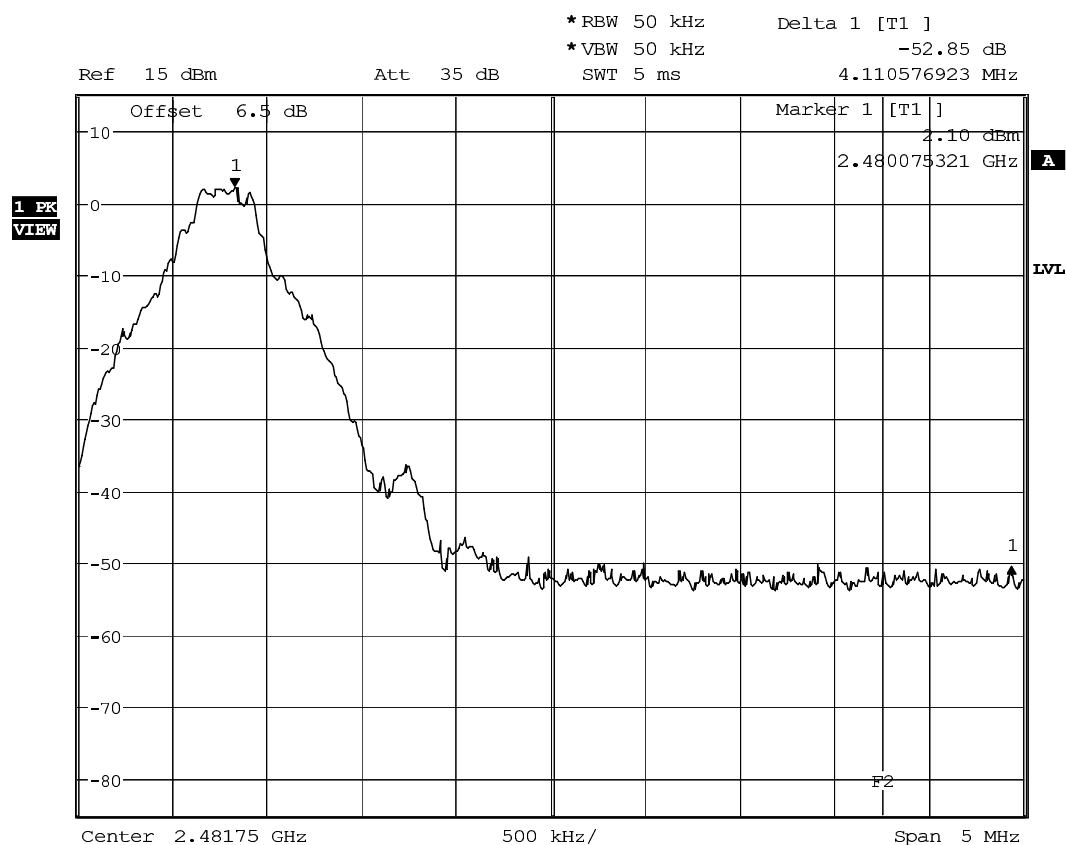
Limit: Marker Delta value >20 dB; Result: PASS

Date: 25.JUL.2006 09:42:48

Measurement diagram

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

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	Single frequency mode



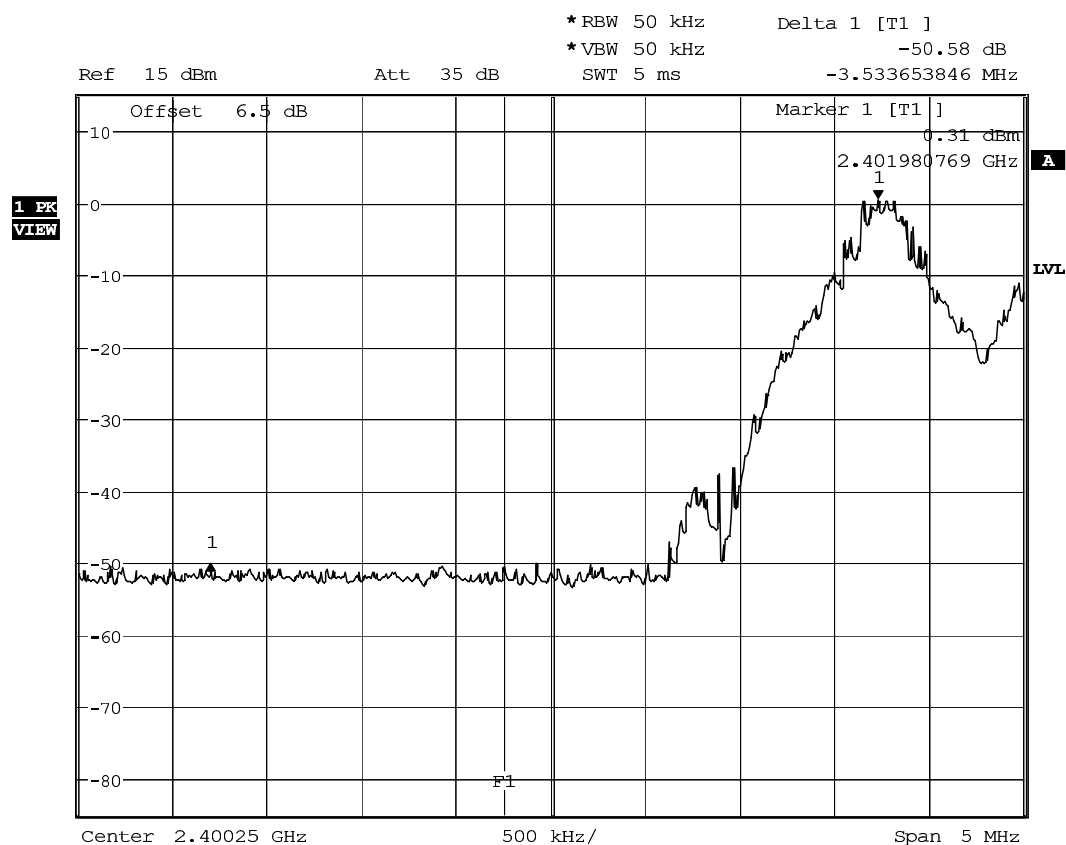
Limit: Marker Delta value >20 dB; Result: PASS

Date: 25.JUL.2006 09:46:54

Measurement diagram

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

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 0 / 2402 MHz
Comment 3	Hopping mode



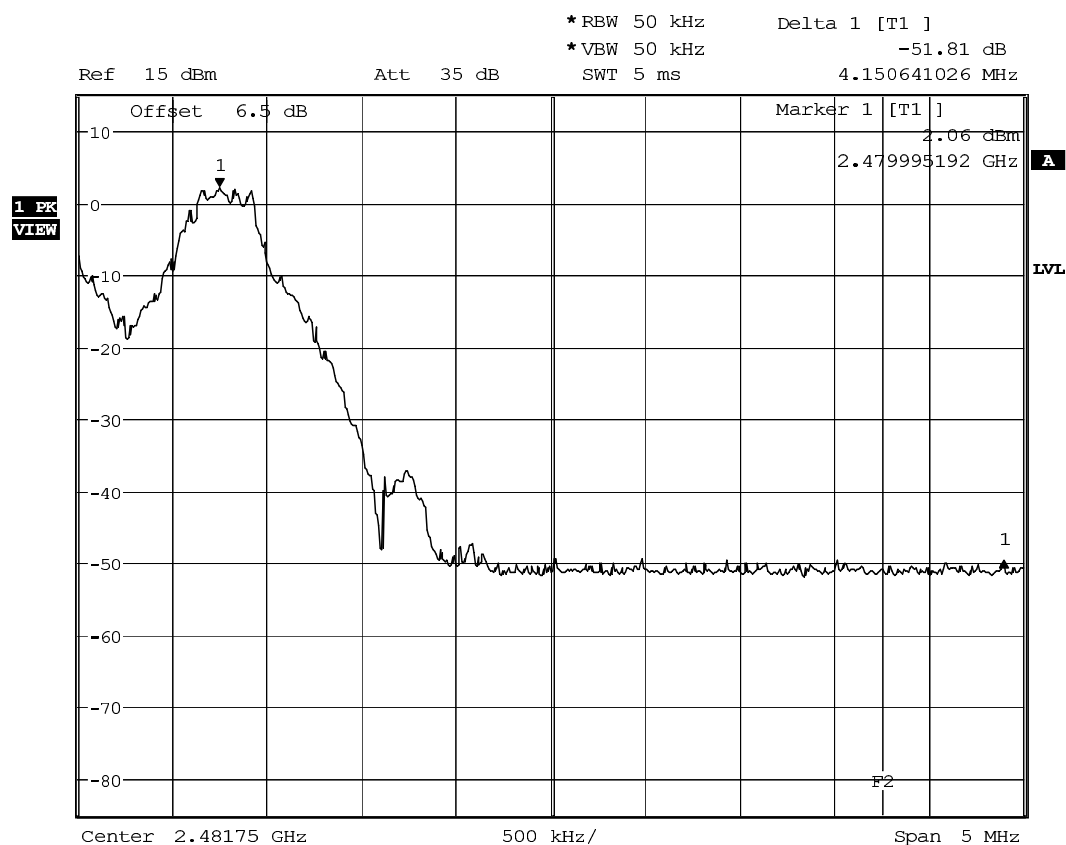
Limit: Marker Delta value >20 dB; Result: PASS

Date: 25.JUL.2006 09:50:19

Measurement diagram

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

EUT	Triple Band GSM 900 (E-GSM) / DCS 1800 / PCS 1900 (with WAP & GPRS)
Model	PG-6200
Approval Holder	Pantech Co., Ltd.GN Netcom
Temperature / Voltage	24°C / Unom: 4.2 V DC
Test Site / Operator	ETS Dr. Genz GmbH / Mr. Handrik
Test Specification	FCC part 15 section 247(c)
Comment 1	Band-edge compliance
Comment 2	Channel.: 78 / 2480 MHz
Comment 3	Hopping mode



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

Date: 25.JUL.2006 10:00:34

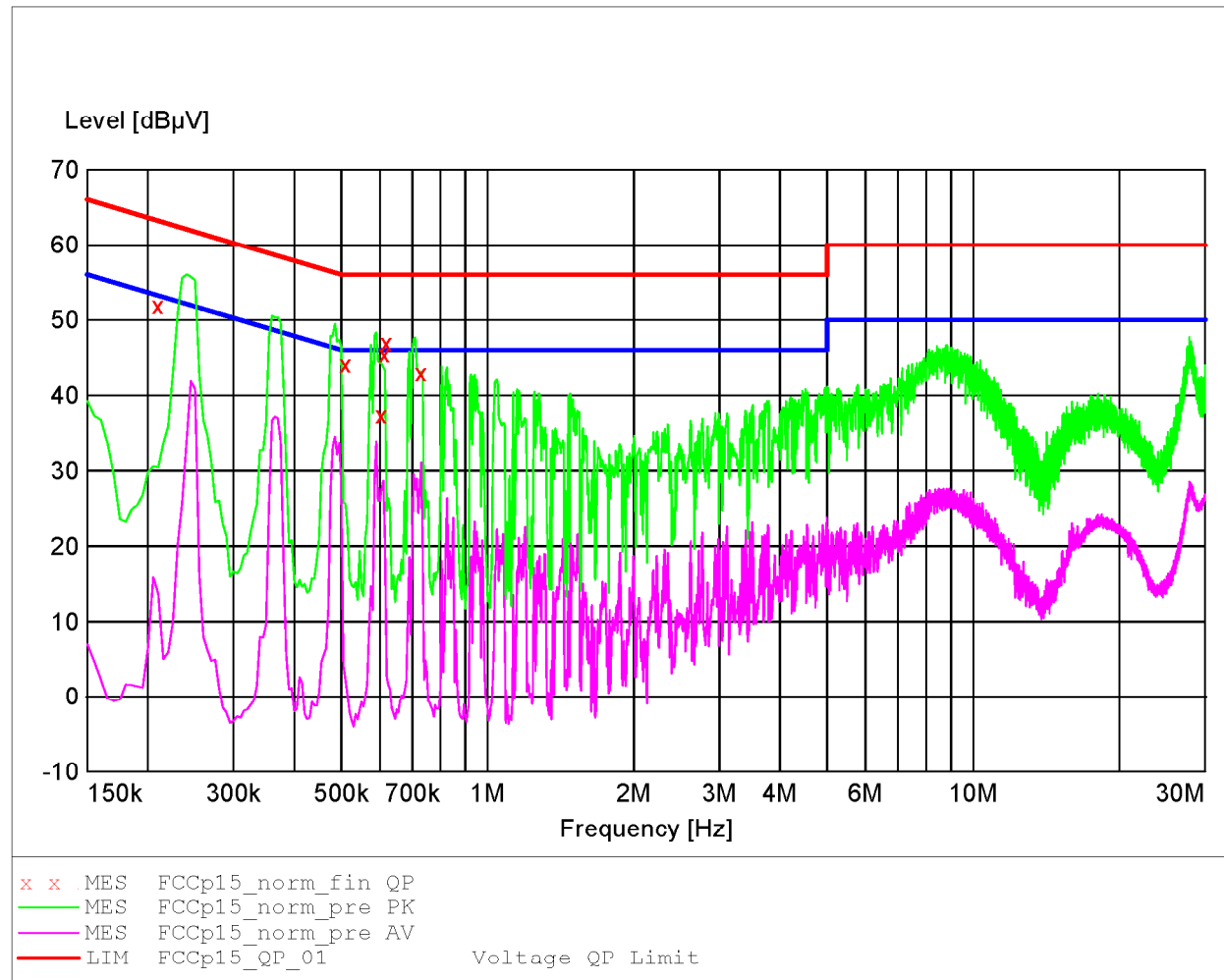
Measurement diagram

Appendix K

AC power line conducted emissions

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

EUT: Tribble Band GSM 900 / DCS 1800 / PCS 1900 (with WAP & GPRS)
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: PG-6200
mode: pl 5, ch 62



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

EUT: Trible Band GSM 900 / DCS 1800 / PCS 1900 (with WAP & GPRS)
Manufacturer: Pantech Co., Ltd.
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Test Site: ETS
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Comment: model: PG-6200
mode: pl 5, ch 62

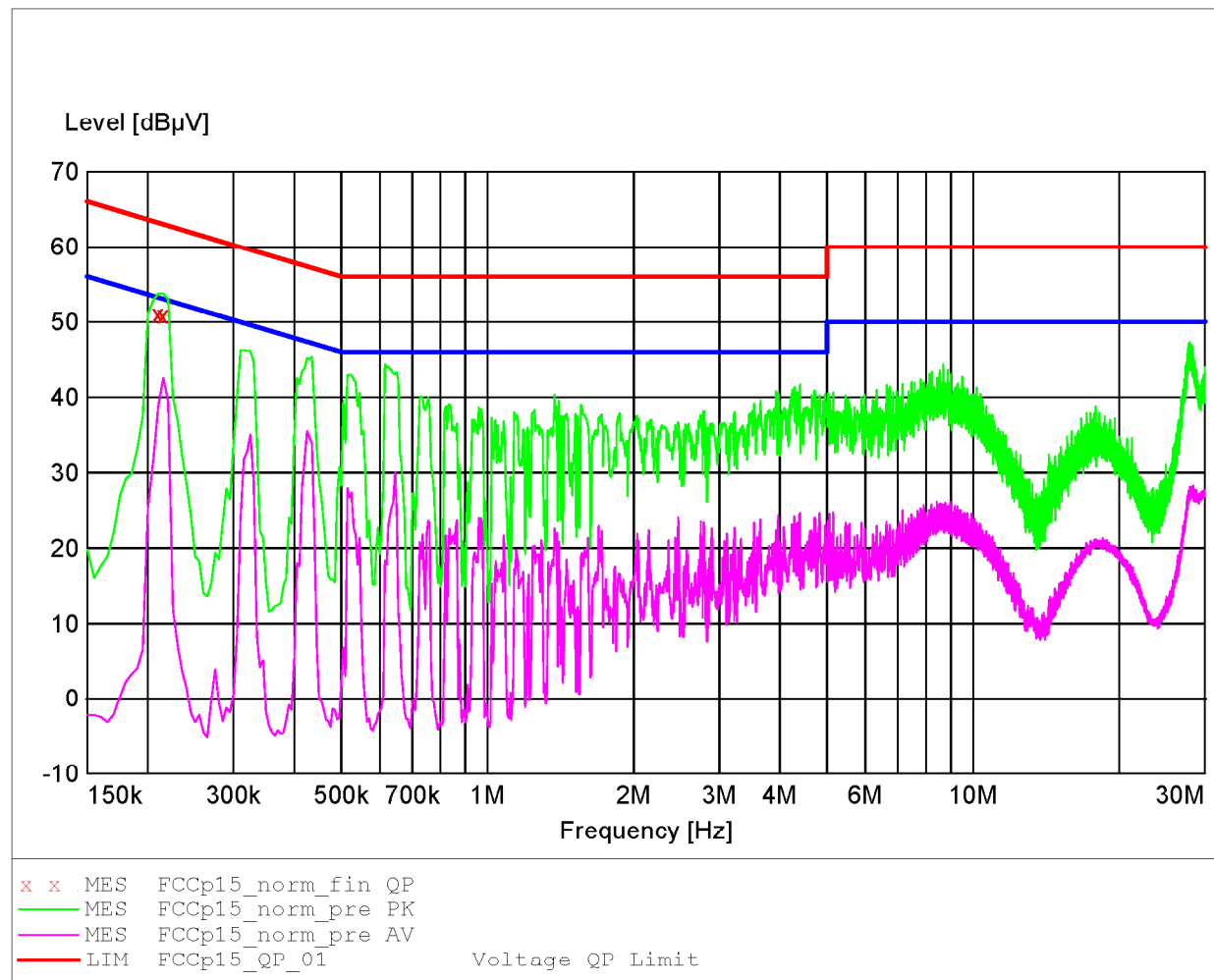
MEASUREMENT RESULT: "FCCp15_norm_fin QP"

18.07.2006 09:00

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.210000	51.90	10.0	63	11.3	---	---
0.510000	44.20	10.1	56	11.8	---	---
0.605000	37.40	10.1	56	18.6	---	---
0.615000	45.50	10.1	56	10.5	---	---
0.620000	47.00	10.1	56	9.0	---	---
0.730000	43.00	10.1	56	13.0	---	---

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

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Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-6200
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EMI voltage test in the ac-mains according to FCC part 15

EUT: Trible Band GSM 900 / DCS 1800 / PCS 1900 (with WAP & GPRS)
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-6200
mode: pl 5, ch 62

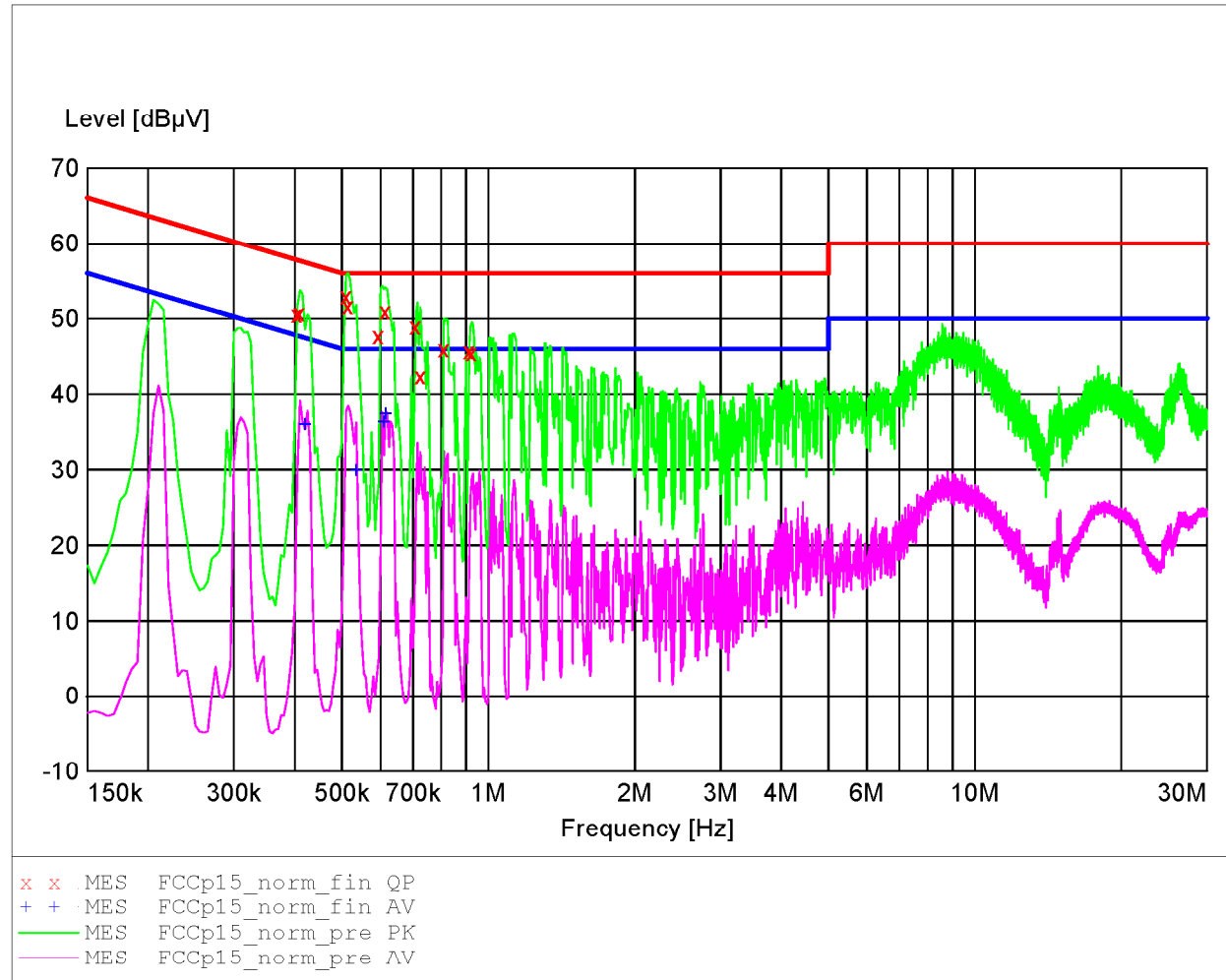
MEASUREMENT RESULT: "FCCp15_norm_fin QP"

18.07.2006 09:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.210000	51.10	10.0	63	12.1	---	---
0.215000	50.90	10.0	63	12.1	---	---

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

EUT: Triple Band GSM 900 (E-GSM)/DCS 1800/PCS 1900 (with WAP & GP
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: PG-6200
mode: charging + bluetooth



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

EUT: Triple Band GSM 900 (E-GSM)/DCS 1800/PCS 1900 (with WAP & GP
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: PG-6200
mode: charging + bluetooth

MEASUREMENT RESULT: "FCCp15_norm_fin AV"

18.07.2006 16:13

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.420000	36.00	10.0	47	11.5	---	---
0.535000	29.90	10.1	46	16.1	---	---
0.610000	36.30	10.1	46	9.7	---	---
0.615000	37.40	10.1	46	8.6	---	---

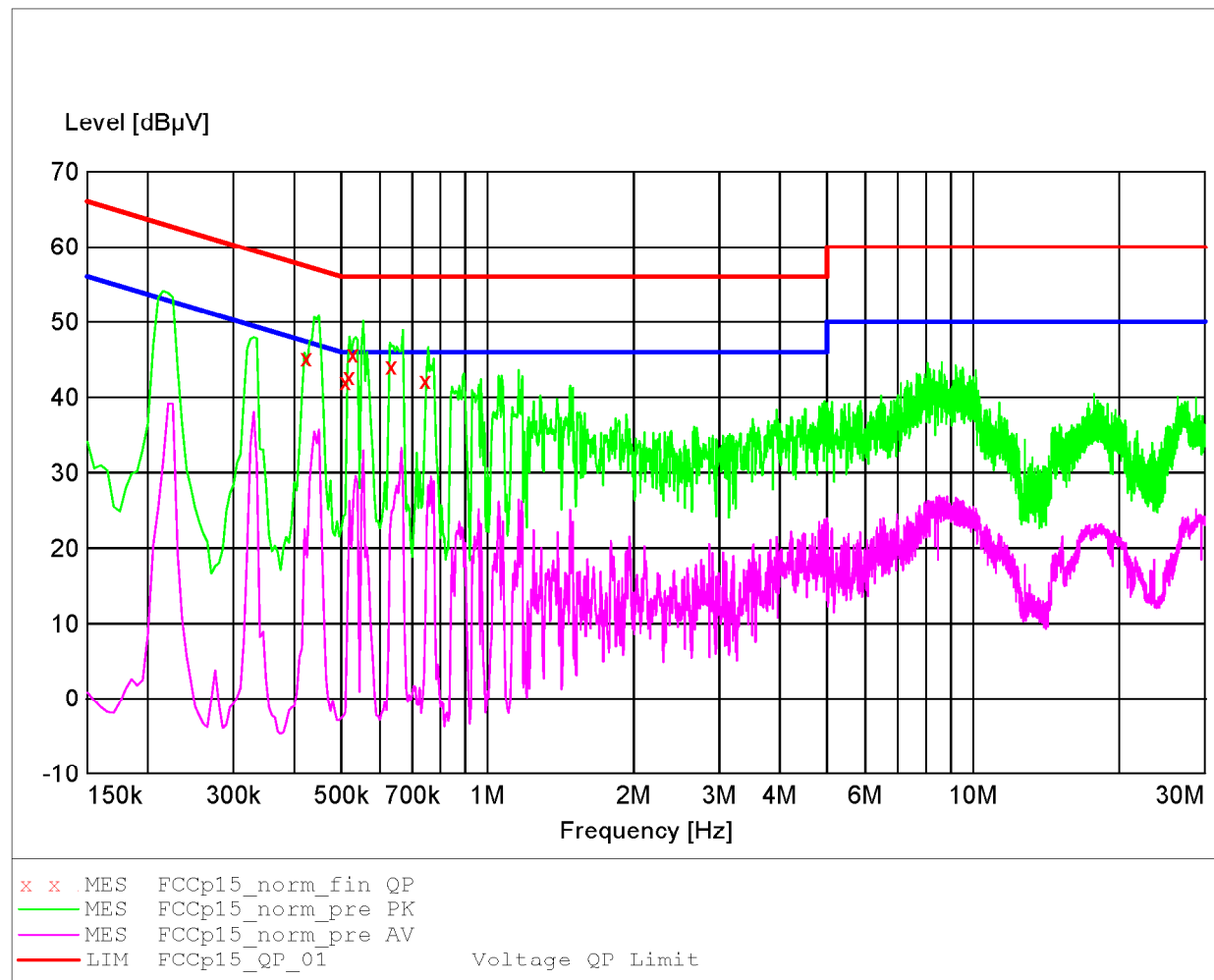
MEASUREMENT RESULT: "FCCp15_norm_fin QP"

18.07.2006 16:13

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.405000	50.60	10.0	58	7.1	---	---
0.410000	50.80	10.0	58	6.9	---	---
0.510000	53.00	10.1	56	3.0	---	---
0.515000	51.70	10.1	56	4.3	---	---
0.595000	47.80	10.1	56	8.2	---	---
0.615000	51.00	10.1	56	5.0	---	---
0.710000	49.00	10.1	56	7.0	---	---
0.725000	42.40	10.1	56	13.6	---	---
0.810000	46.00	10.1	56	10.0	---	---
0.915000	45.80	10.1	56	10.2	---	---
0.925000	45.50	10.1	56	10.5	---	---

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

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Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 V AC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-6200
mode: charging + bluetooth



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

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Manufacturer: Pantech Co., Ltd.
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Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-6200
mode: charging + bluetooth

~~ME~~~~EME~~~~EE~~~~FF~~Cc15normfn 0

18.07.2006 15:56

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.425000	45.30	10.0	57	12.1	---	---
0.510000	42.10	10.1	56	13.9	---	---
0.520000	42.80	10.1	56	13.2	---	---
0.530000	45.80	10.1	56	10.2	---	---
0.635000	44.20	10.1	56	11.8	---	---
0.745000	42.30	10.1	56	13.7	---	---

Appendix L

Receiver radiated emissions