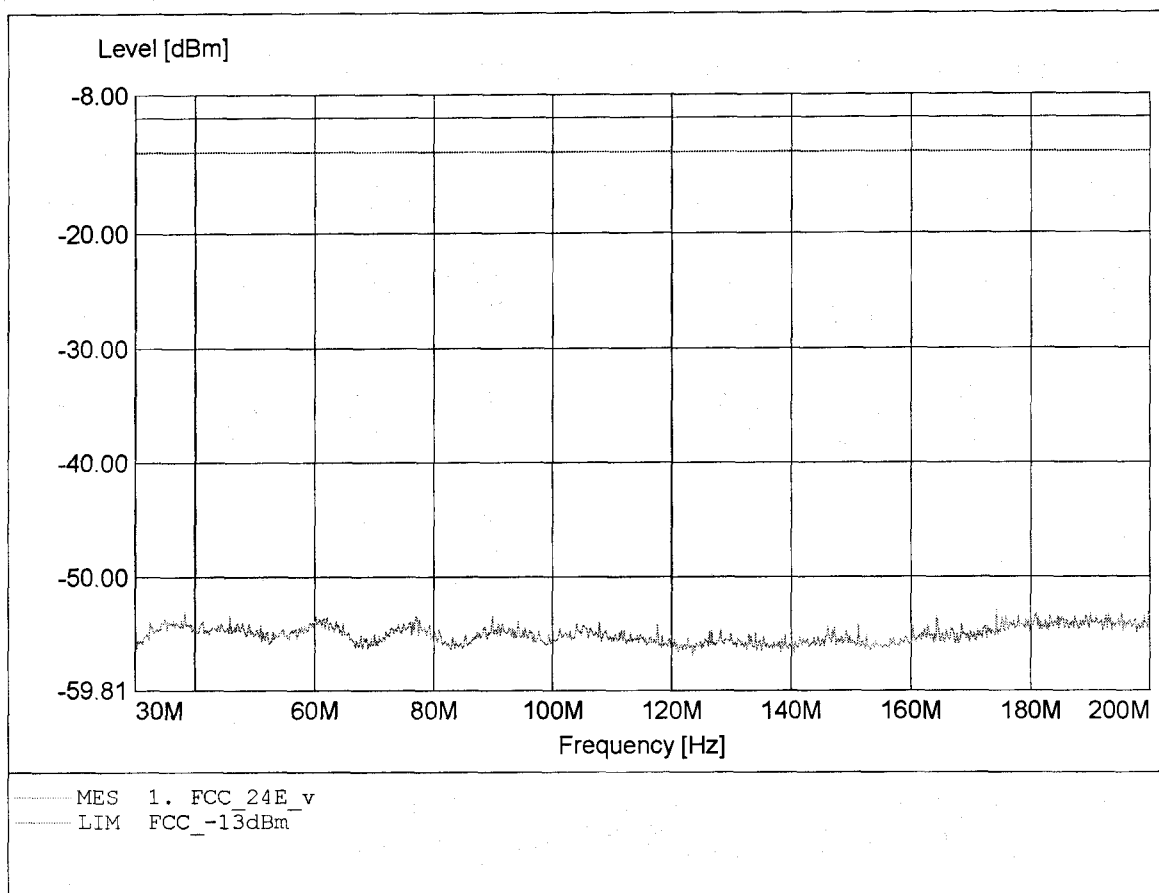


Appendix I

Spurious Radiation

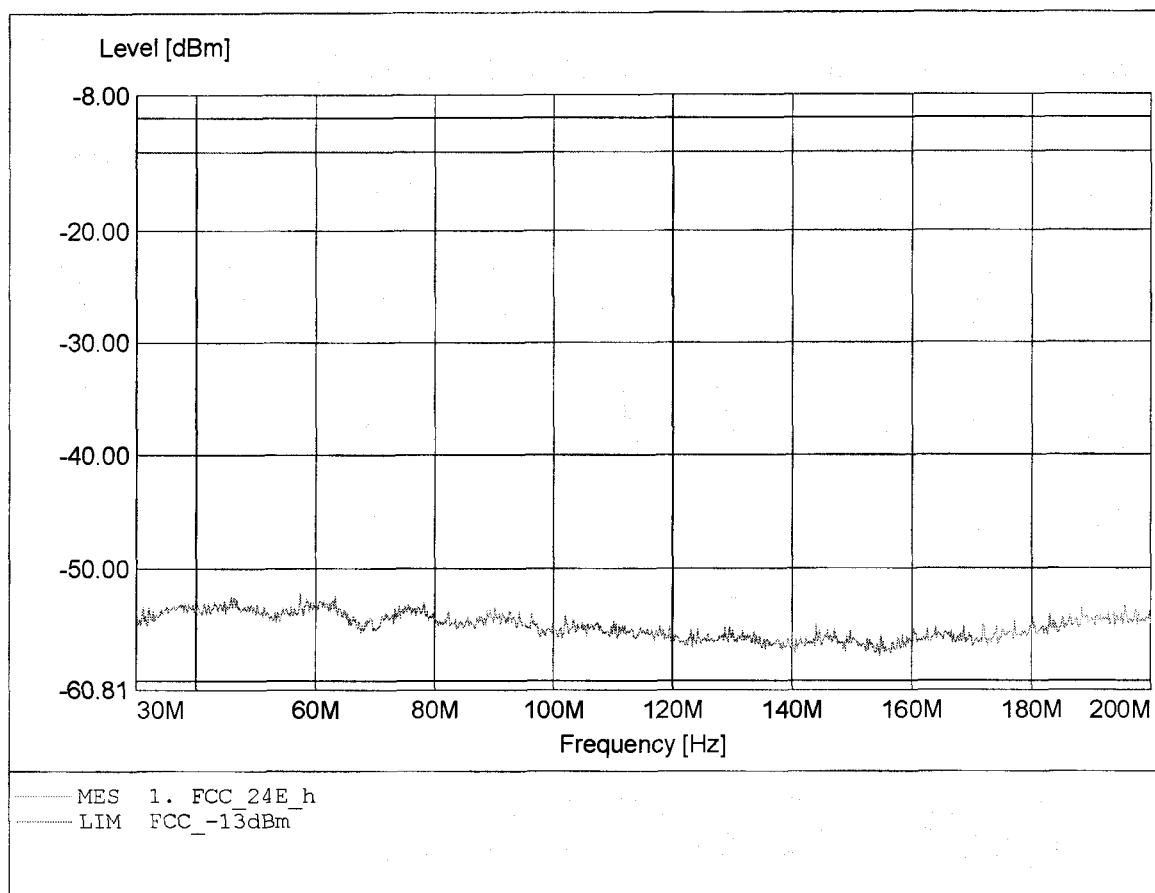
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 174.311MHz, Pmax: -52.84dBm, RBW: 1MHz



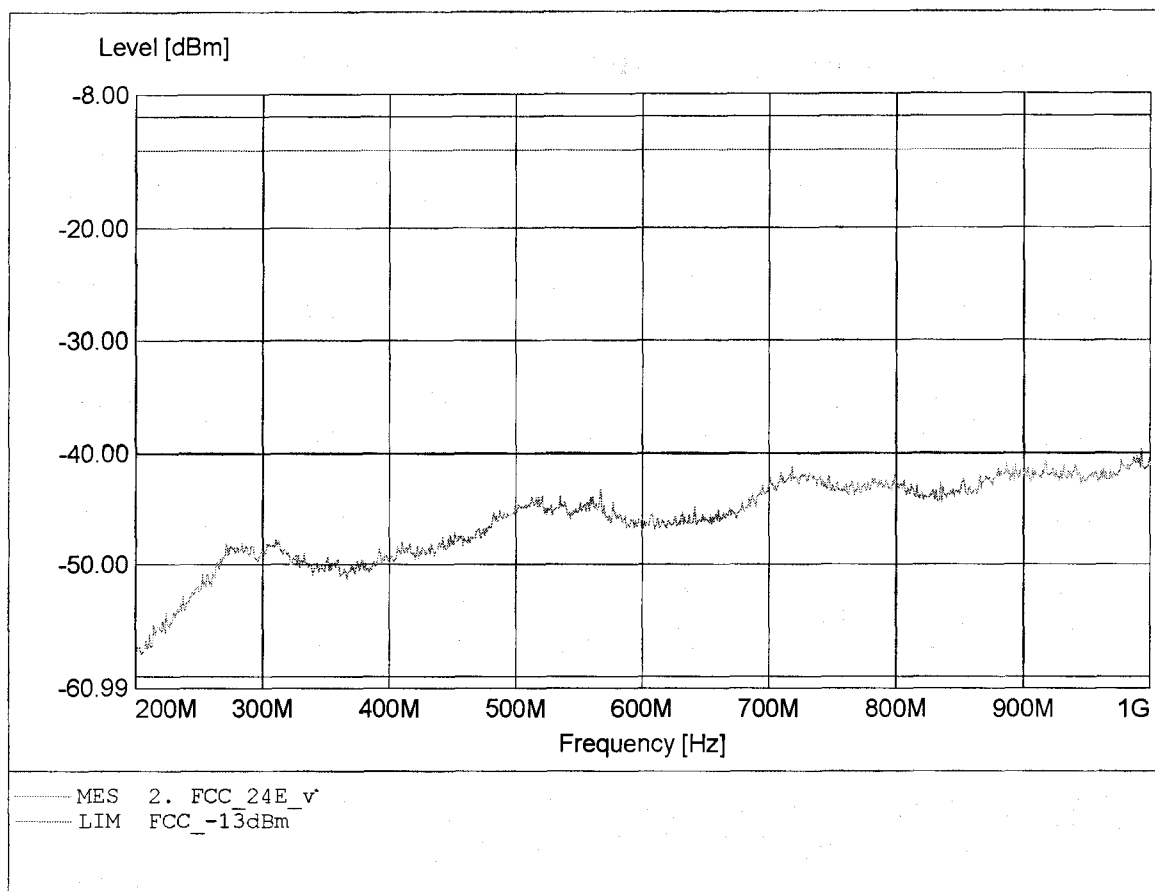
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 57.389MHz, Pmax: -52.22dBm, RBW: 1MHz



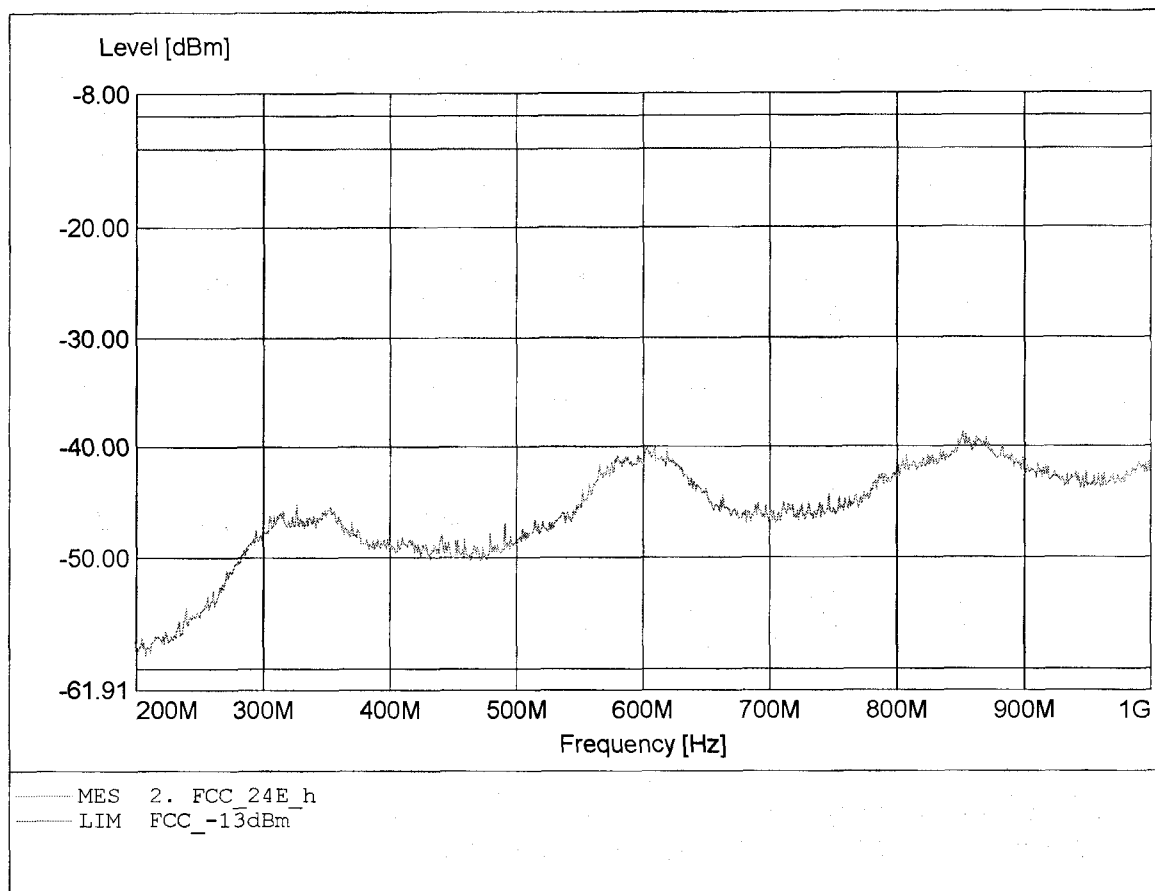
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 992.889MHz, Pmax: -39.67dBm, RBW: 1MHz



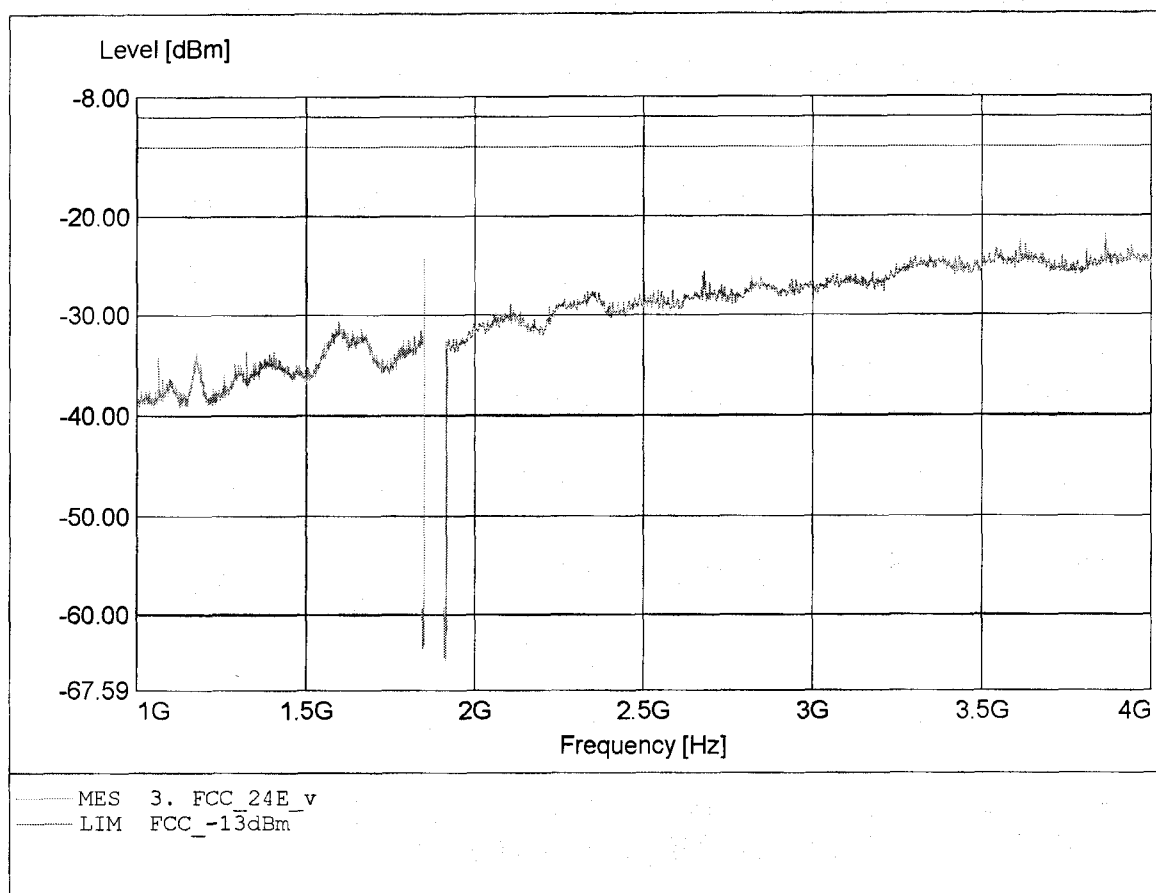
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 851.556MHz, Pmax: -38.73dBm, RBW: 1MHz



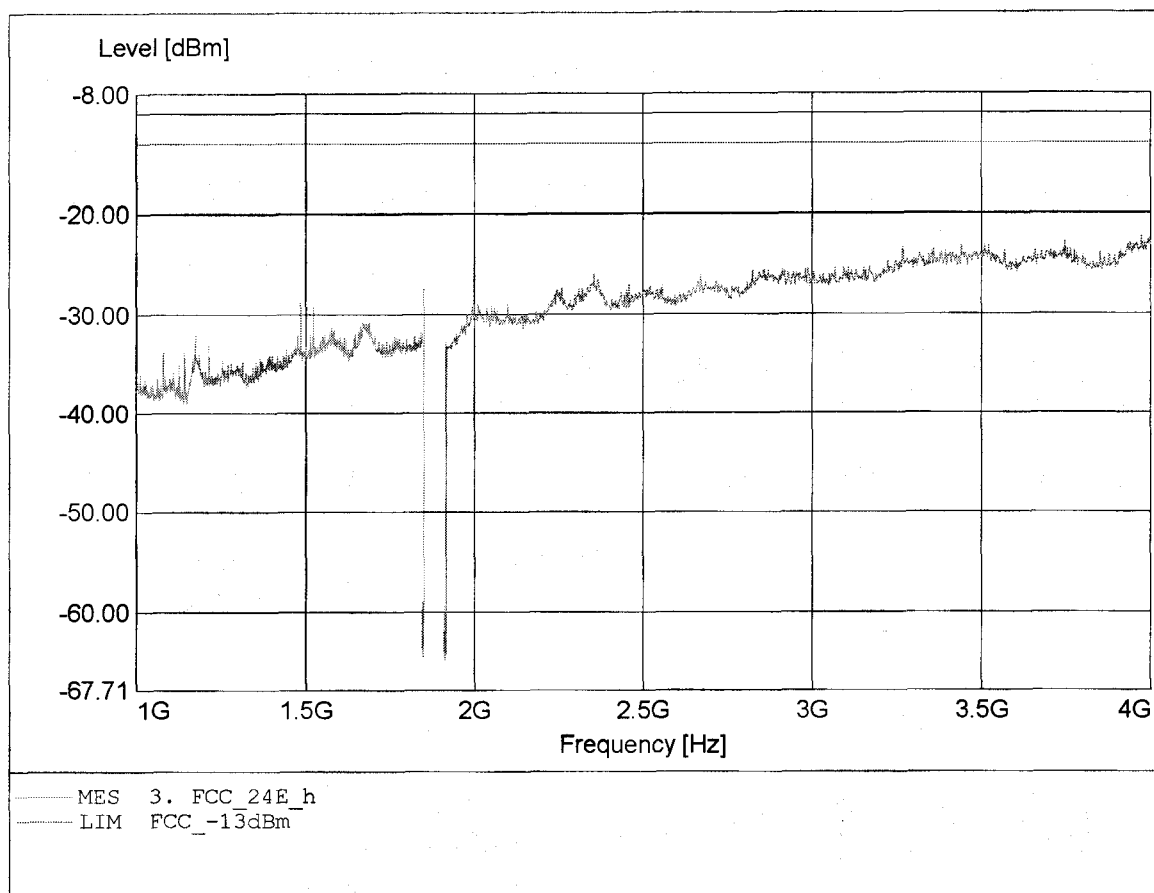
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.863GHz, Pmax: -21.88dBm, RBW: 1MHz/3kHz



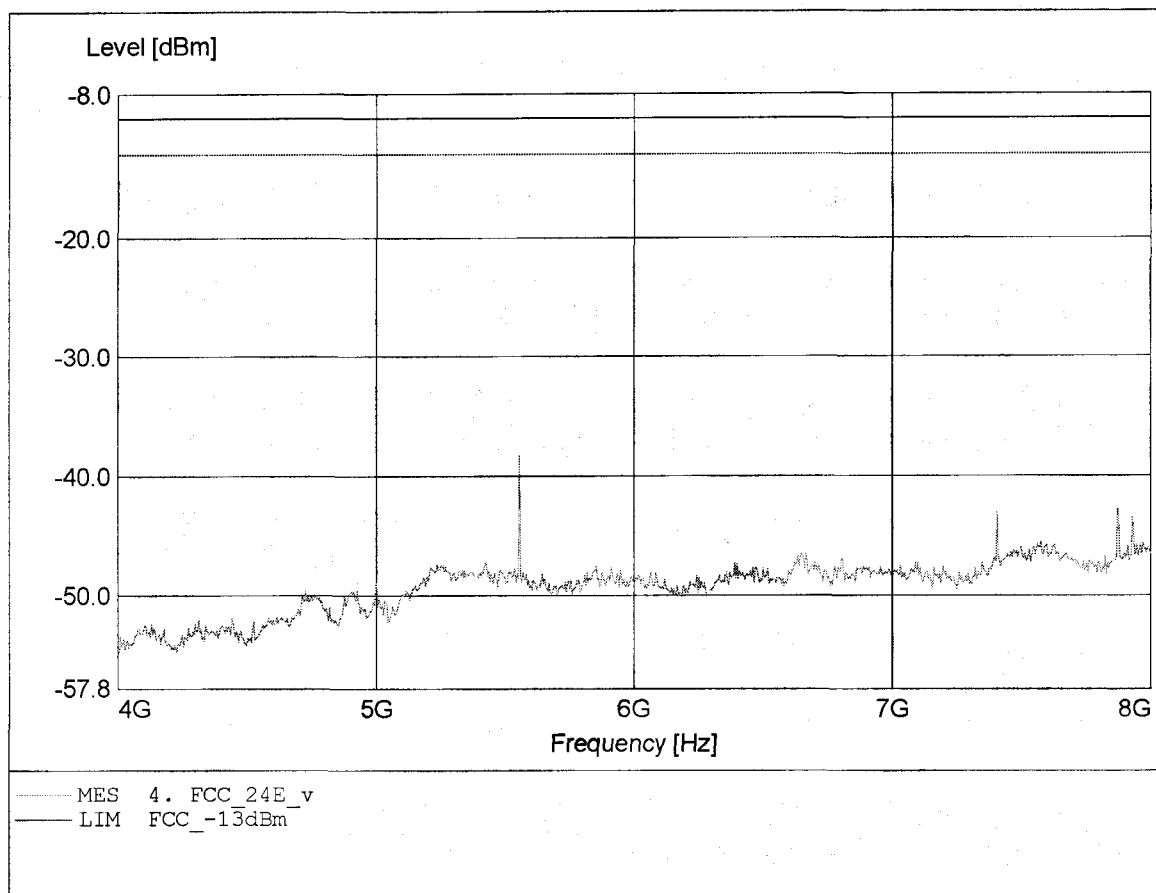
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.972GHz, Pmax: -22.33dBm, RBW: 1MHz/3kHz



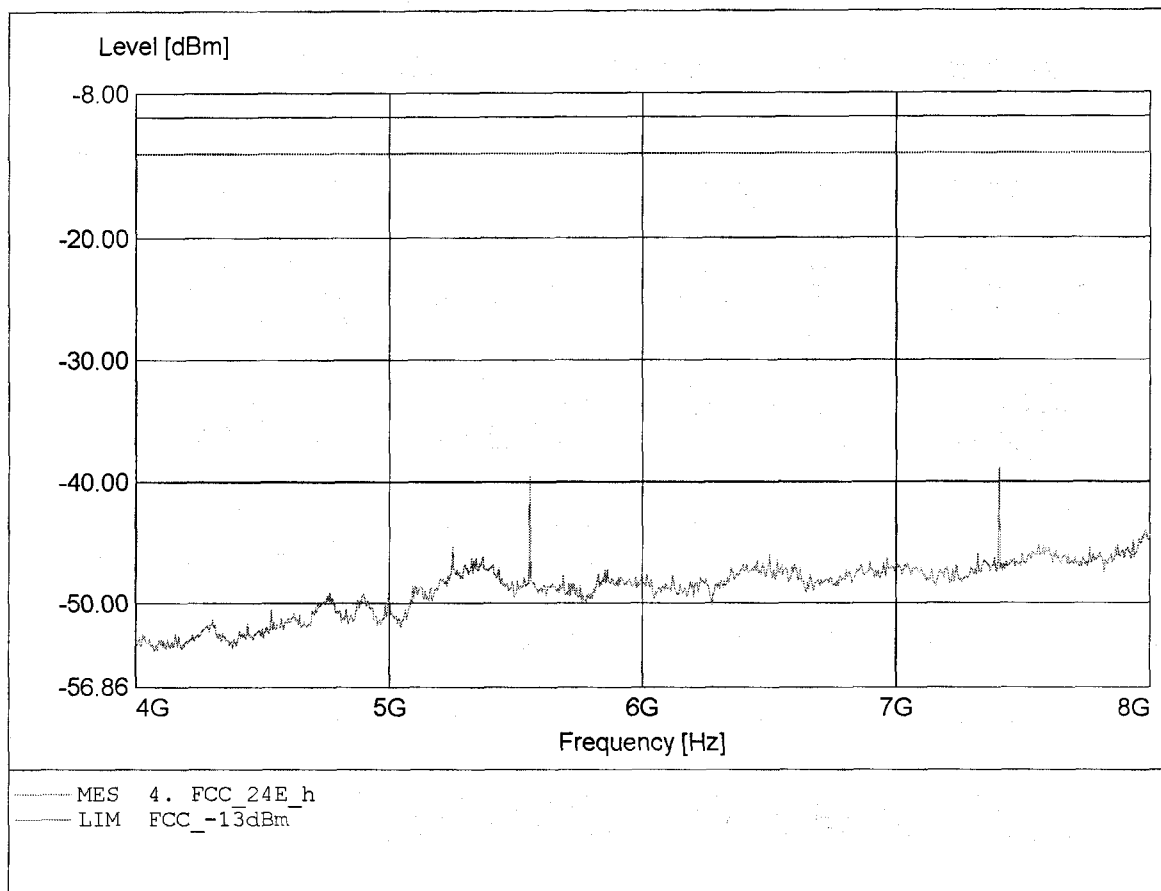
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.556GHz, Pmax: -38.35dBm, RBW: 1MHz



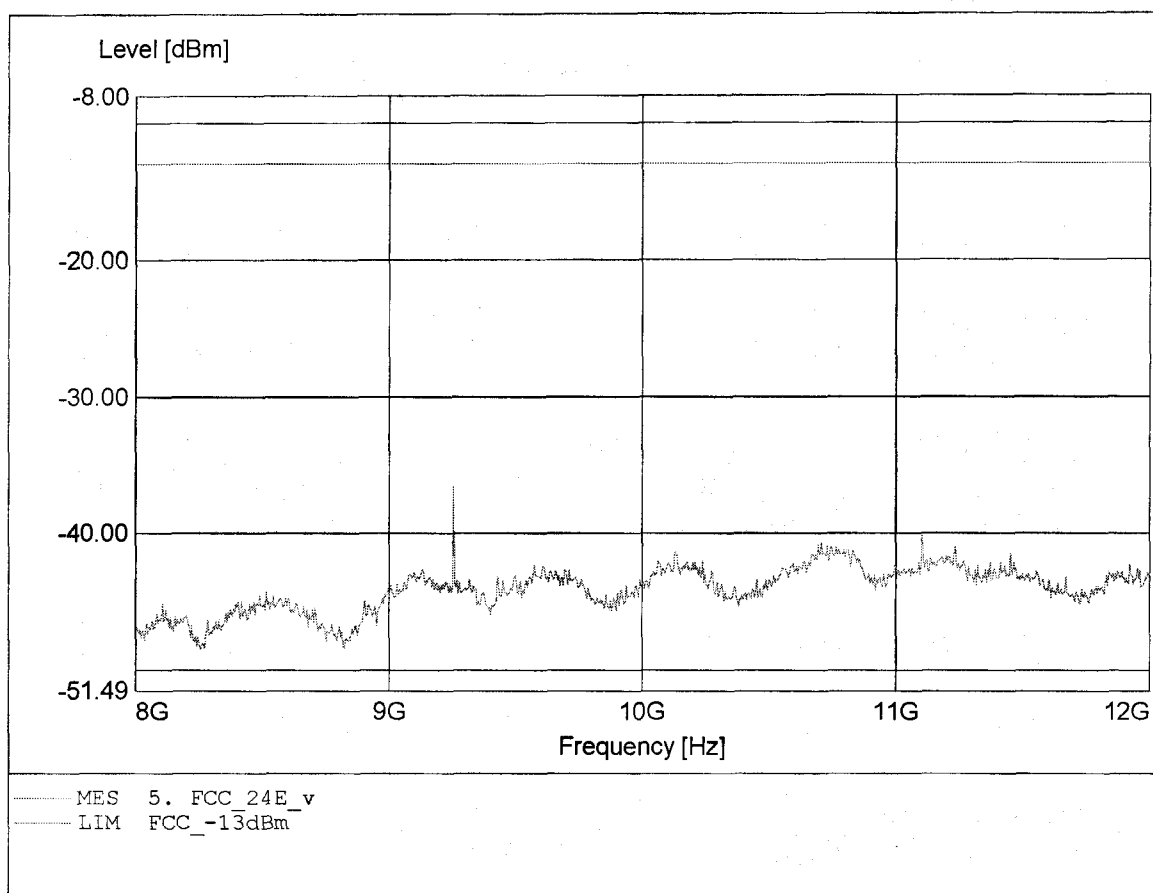
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Pmax: -38.92dBm, RBW: 1MHz



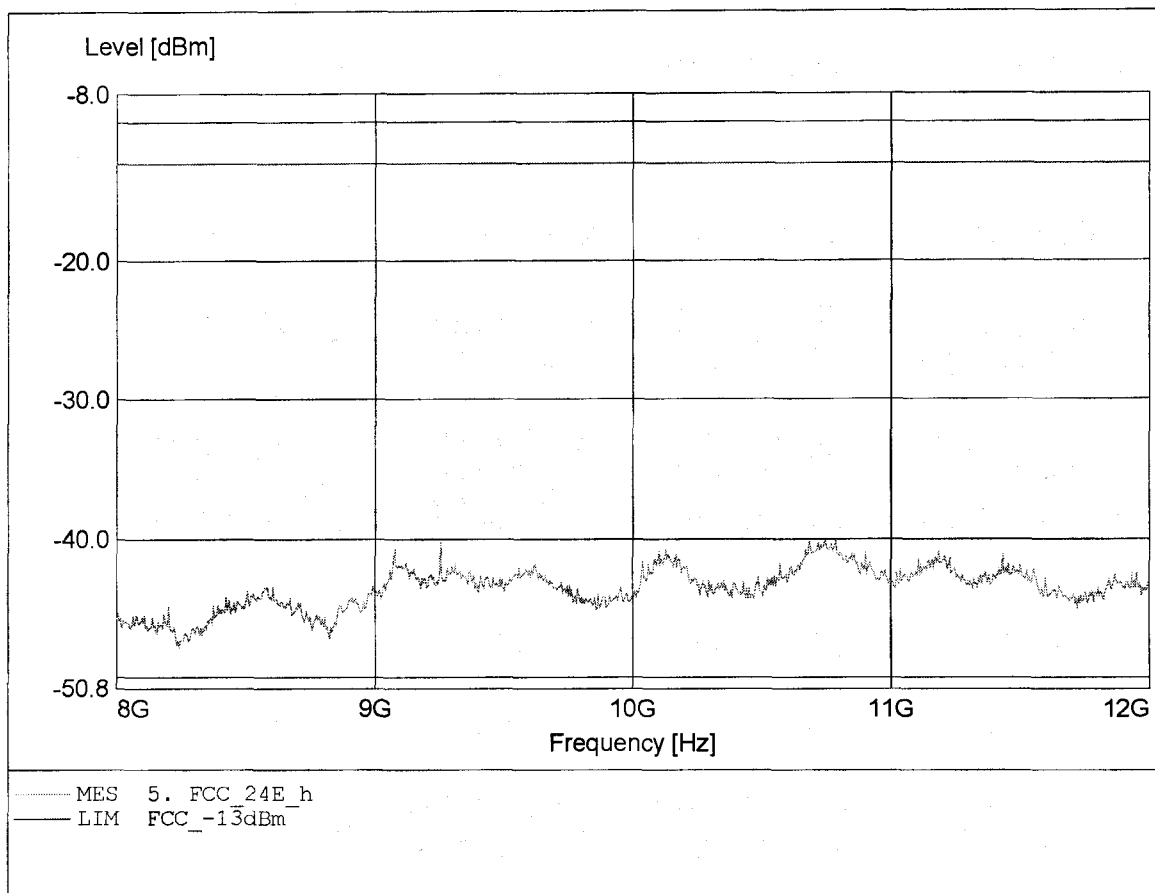
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -36.61dBm, RBW: 1MHz



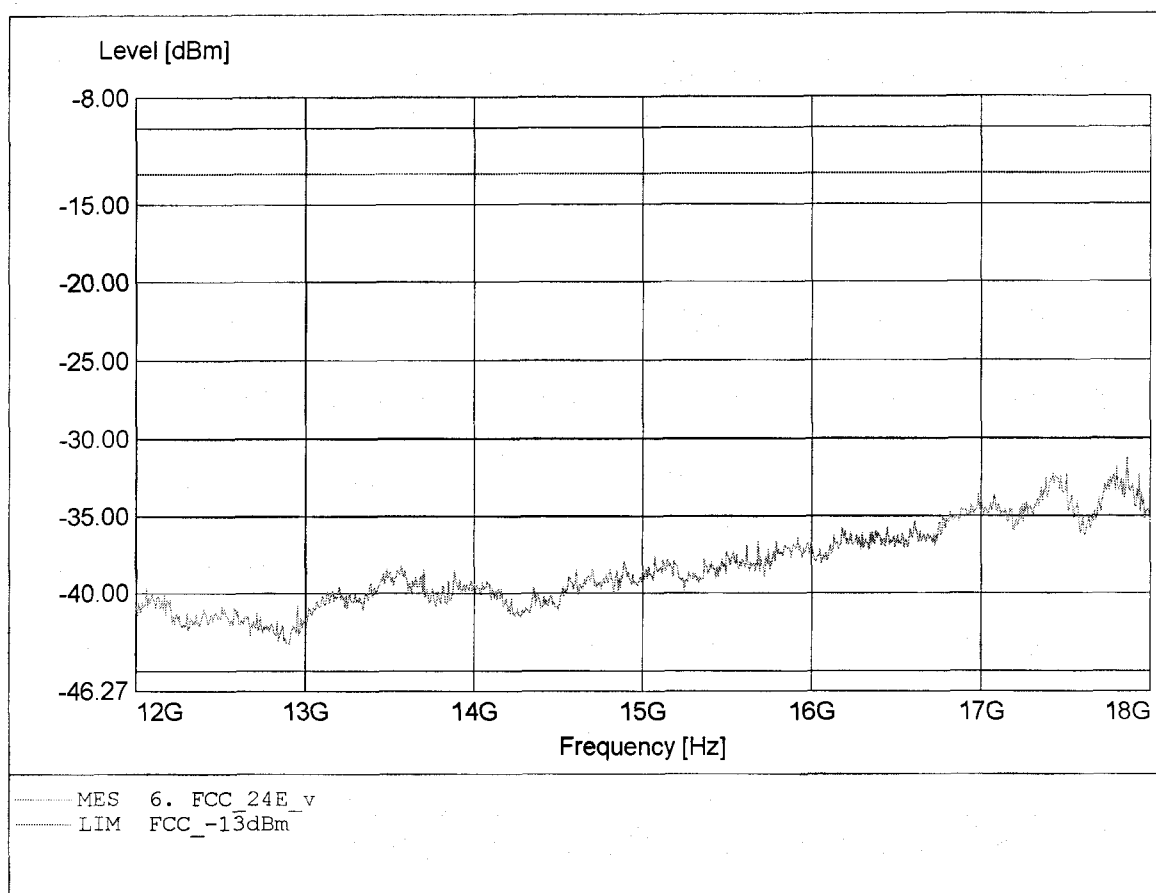
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.787GHz, Pmax: -40.11dBm, RBW: 1MHz



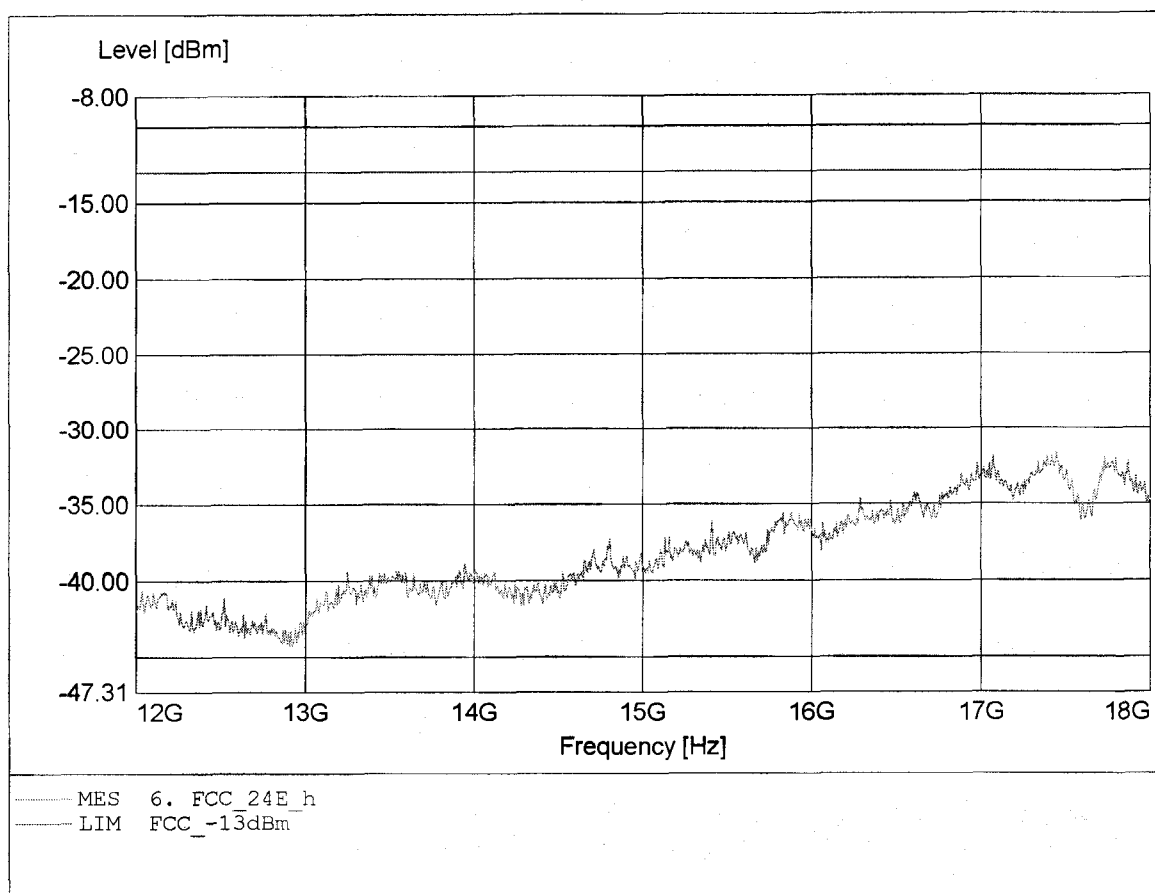
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.860GHz, Pmax: -31.27dBm, RBW: 1MHz



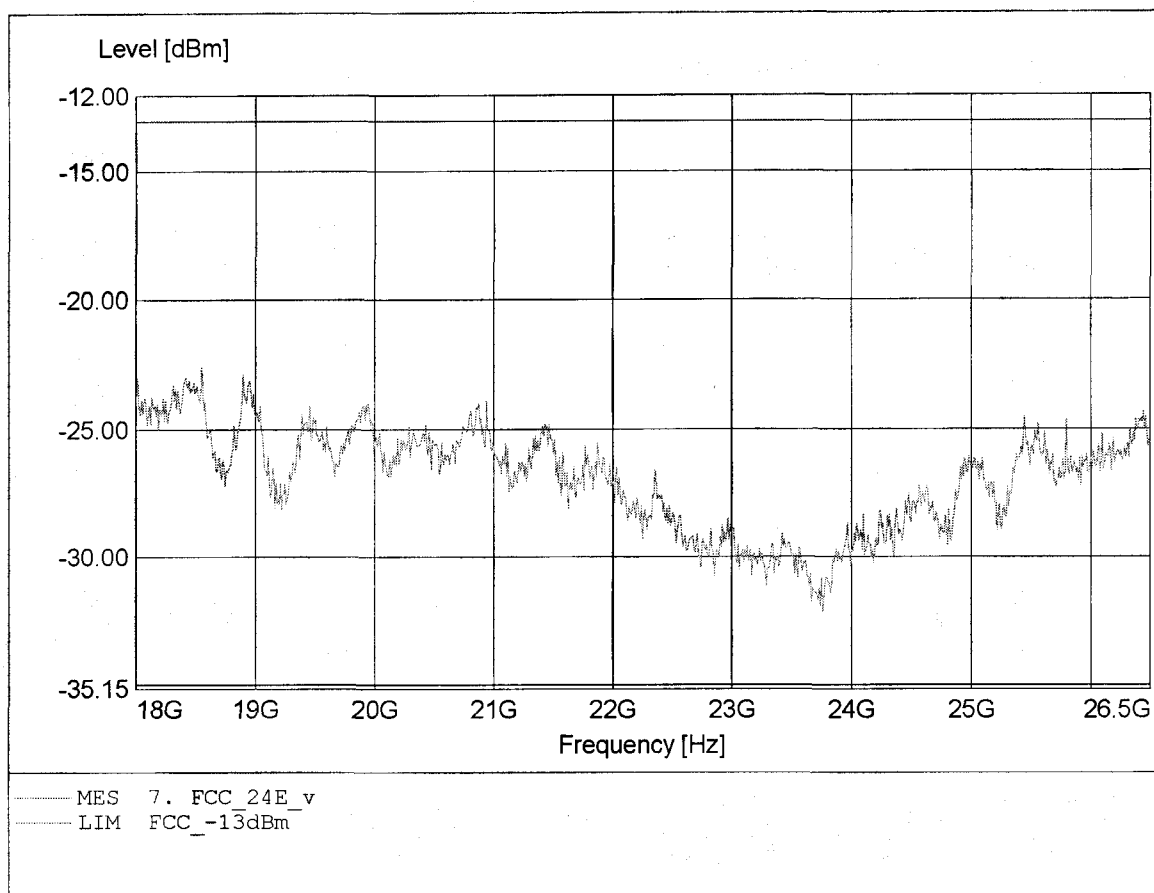
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.440GHz, Pmax: -31.61dBm, RBW: 1MHz



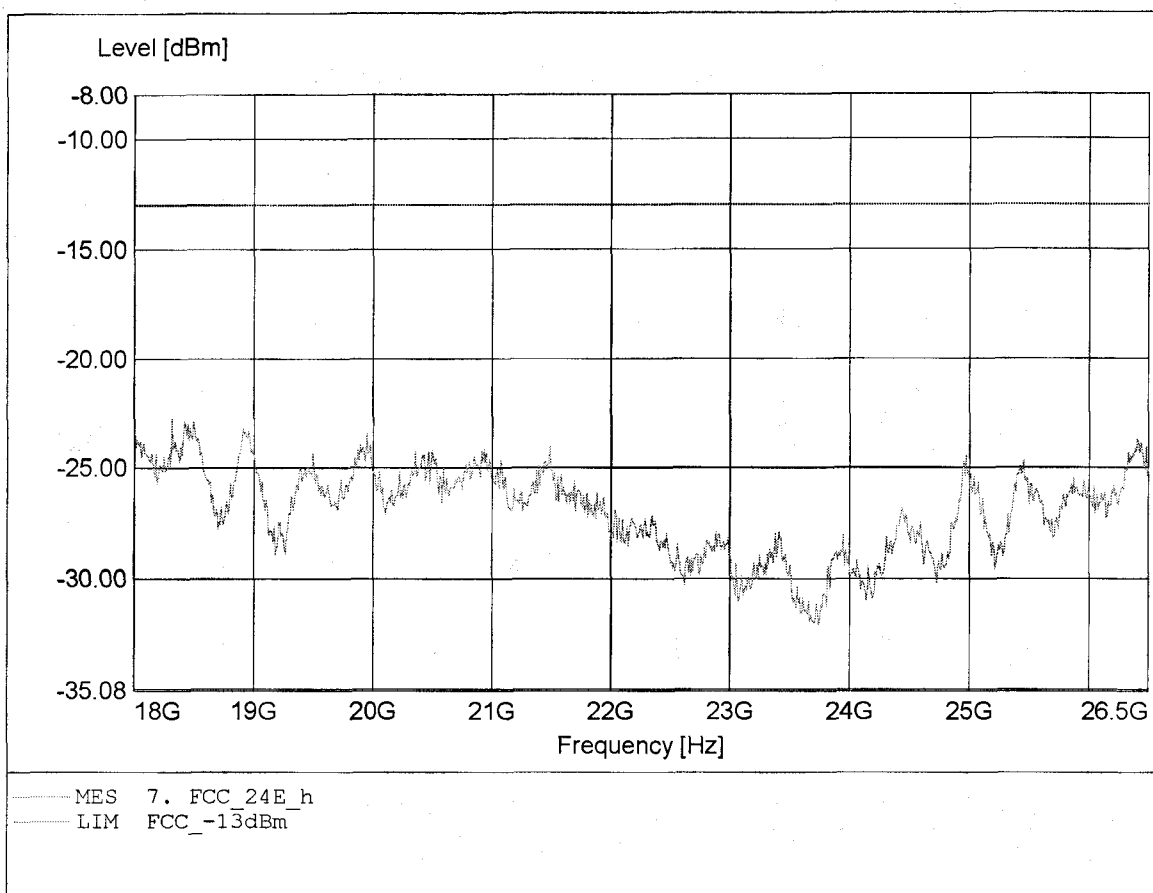
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.548GHz, Pmax: -22.59dBm, RBW: 1MHz



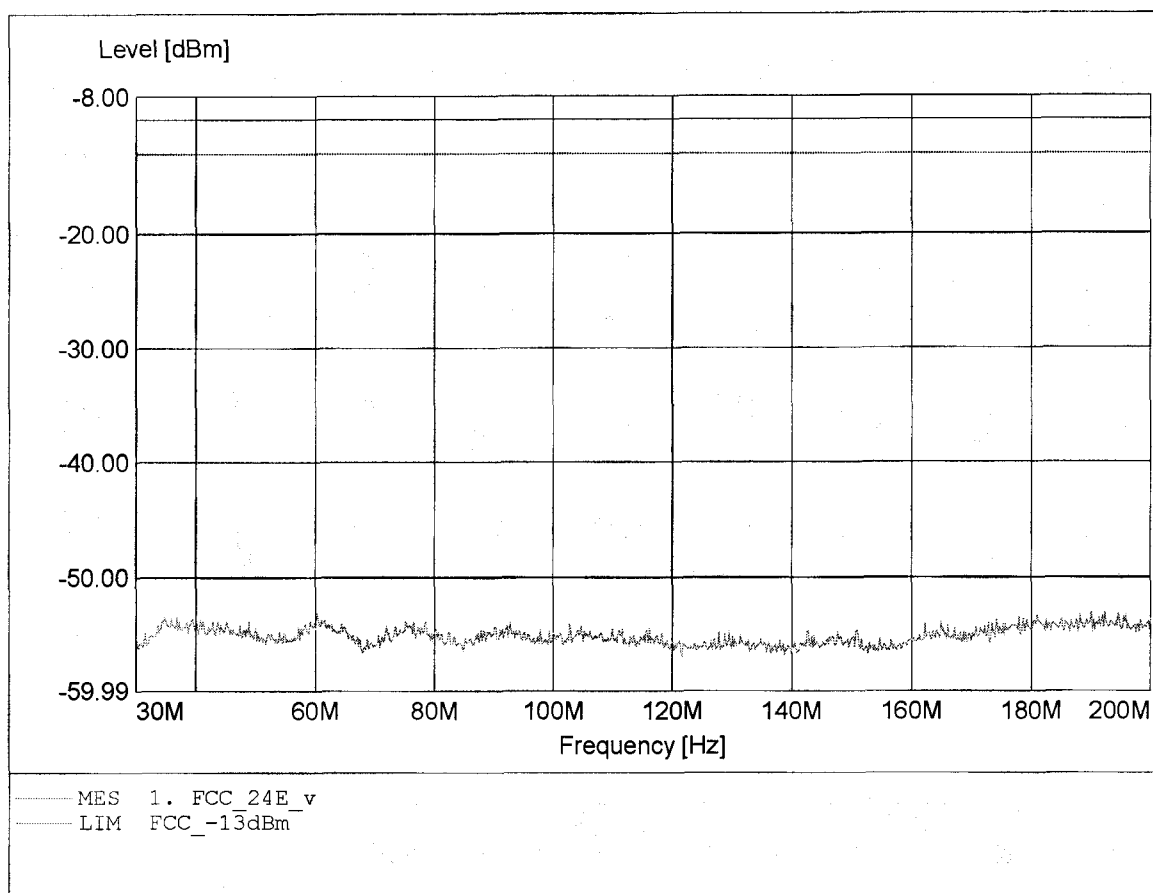
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 512
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.312GHz, Pmax: -22.76dBm, RBW: 1MHz



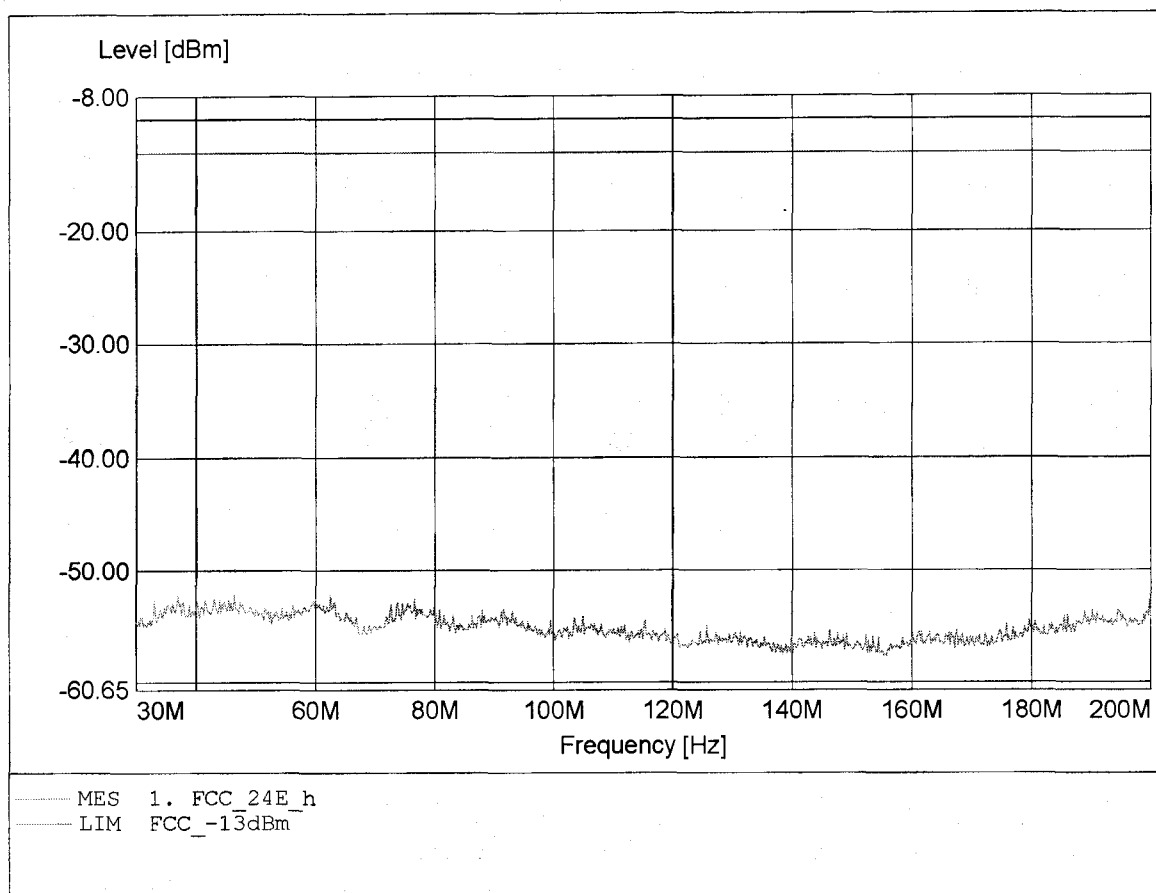
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 189.989MHz, Pmax: -53.02dBm, RBW: 1MHz



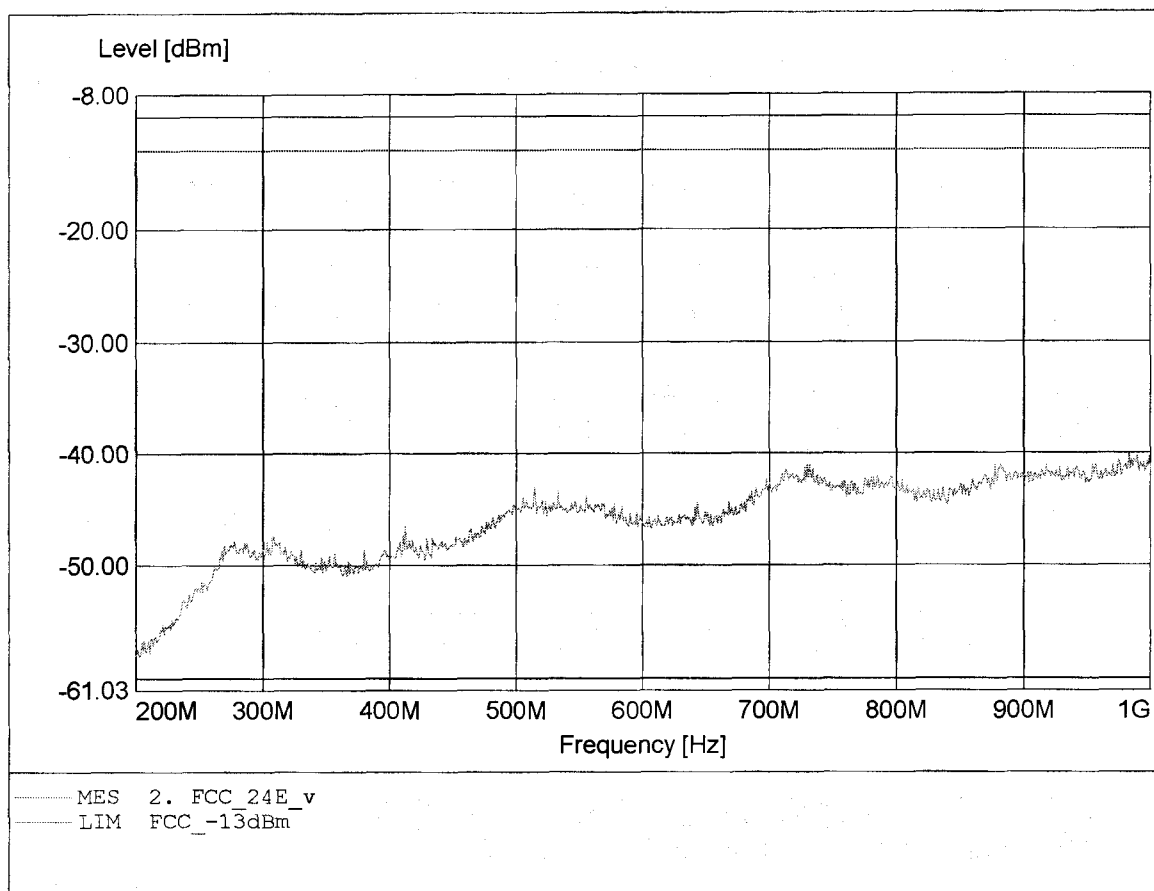
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 46.433MHz, Pmax: -52.18dBm, RBW: 1MHz



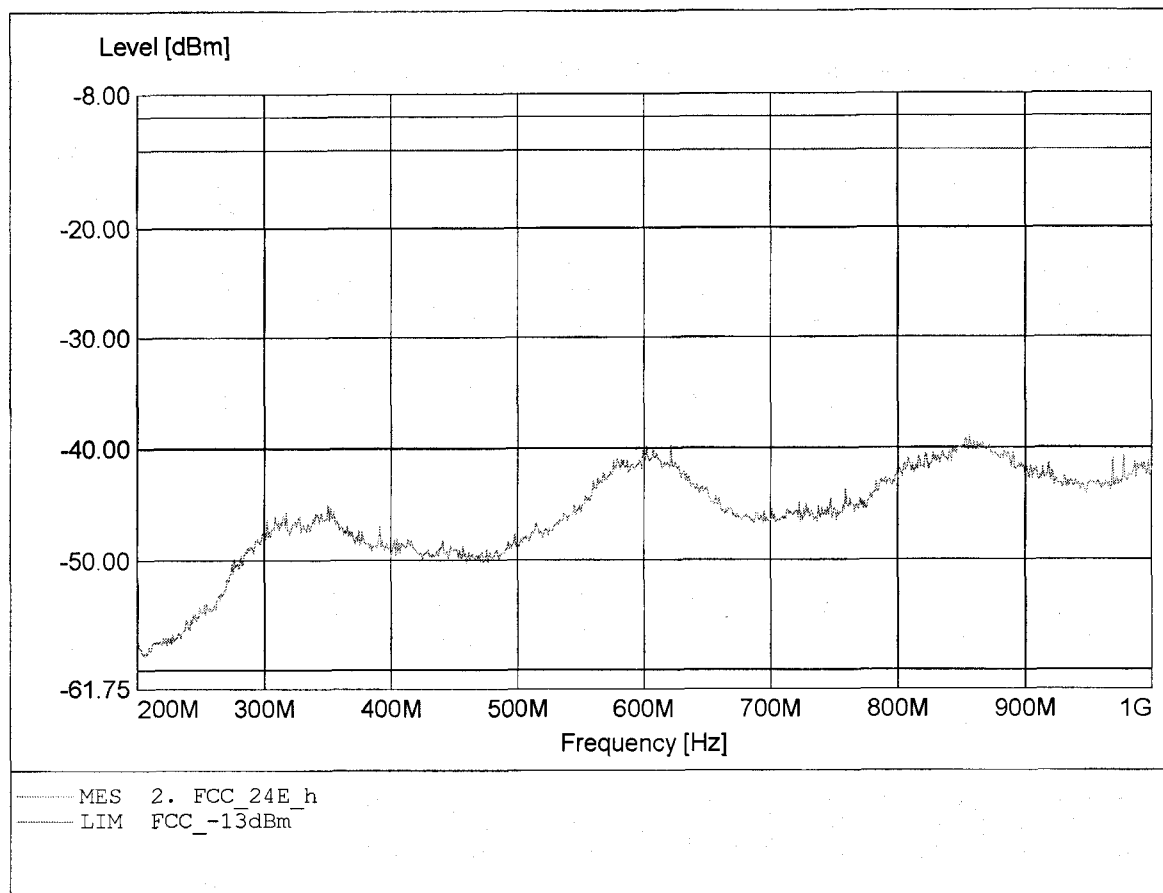
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 983.111MHz, Pmax: -40.05dBm, RBW: 1MHz



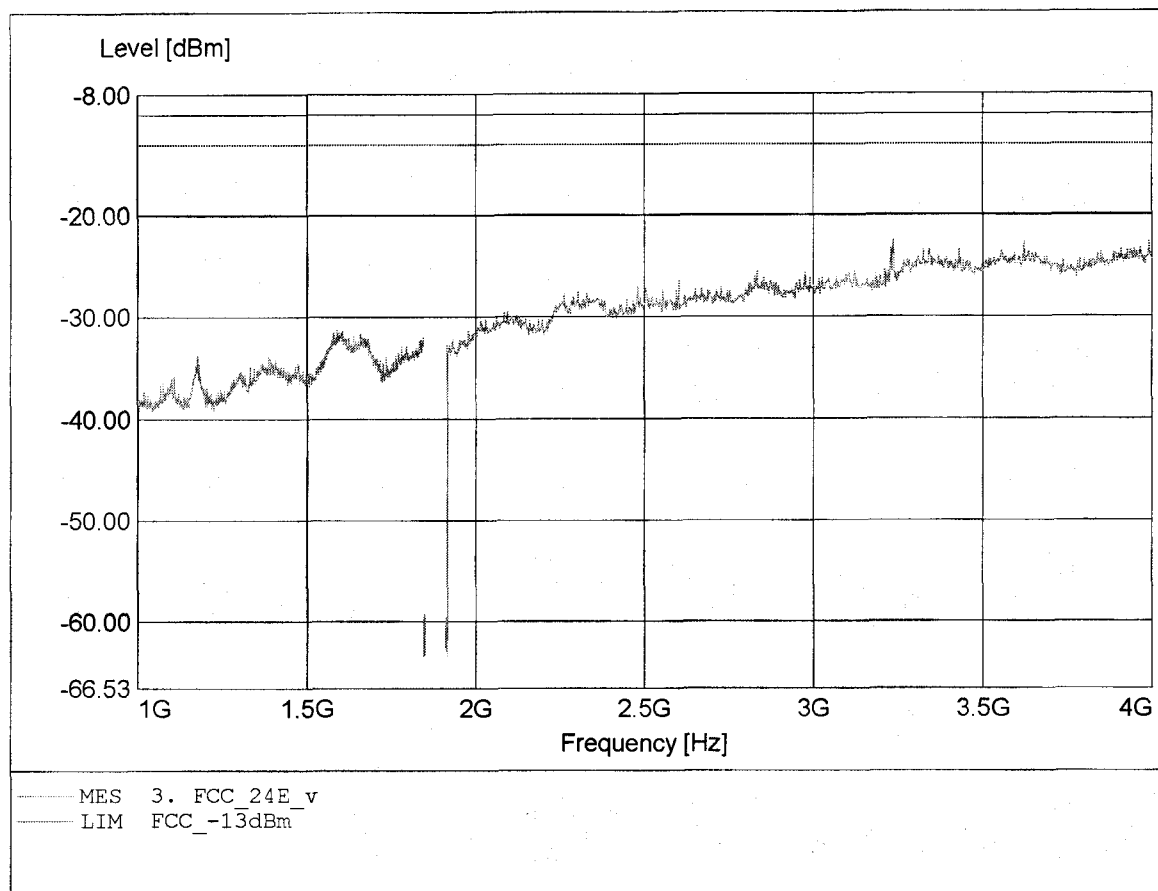
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 856.000MHz, Pmax: -38.96dBm, RBW: 1MHz



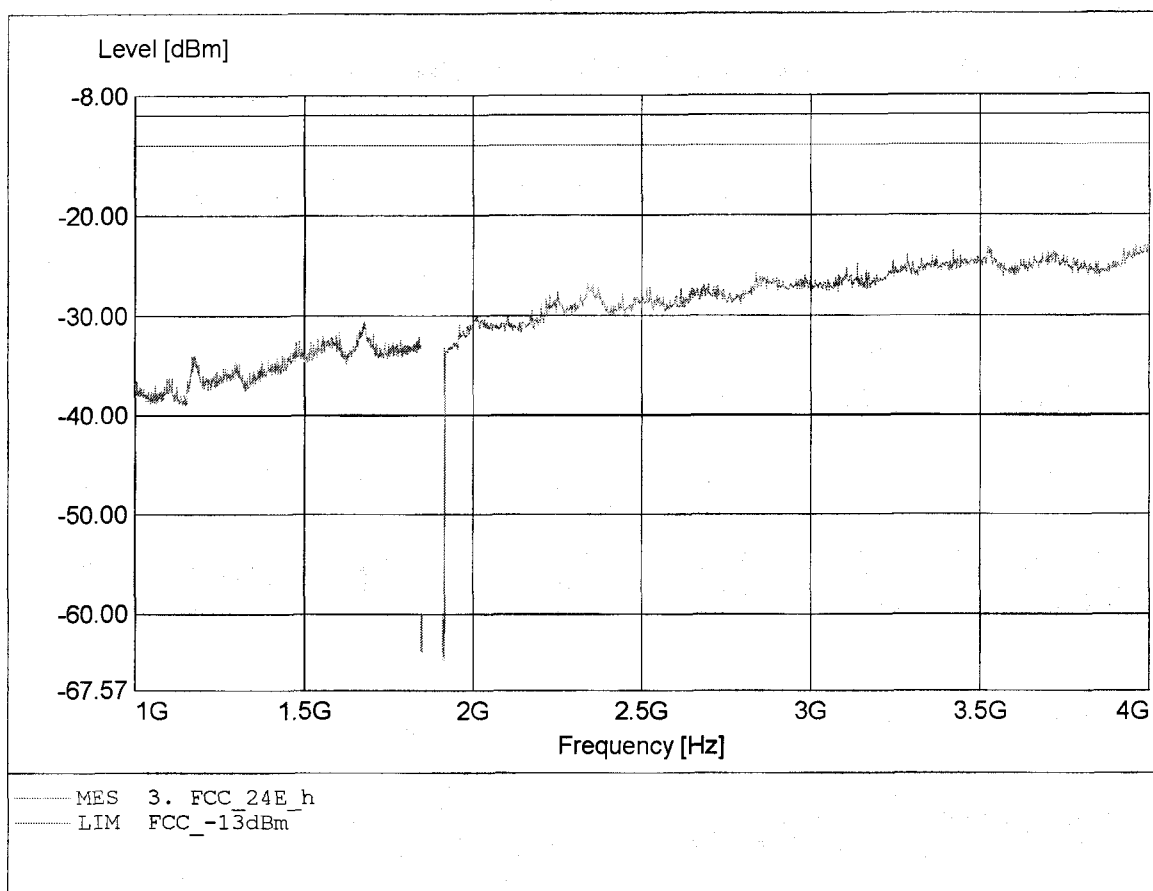
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.235GHz, Pmax: -22.50dBm, RBW: 1MHz/3kHz



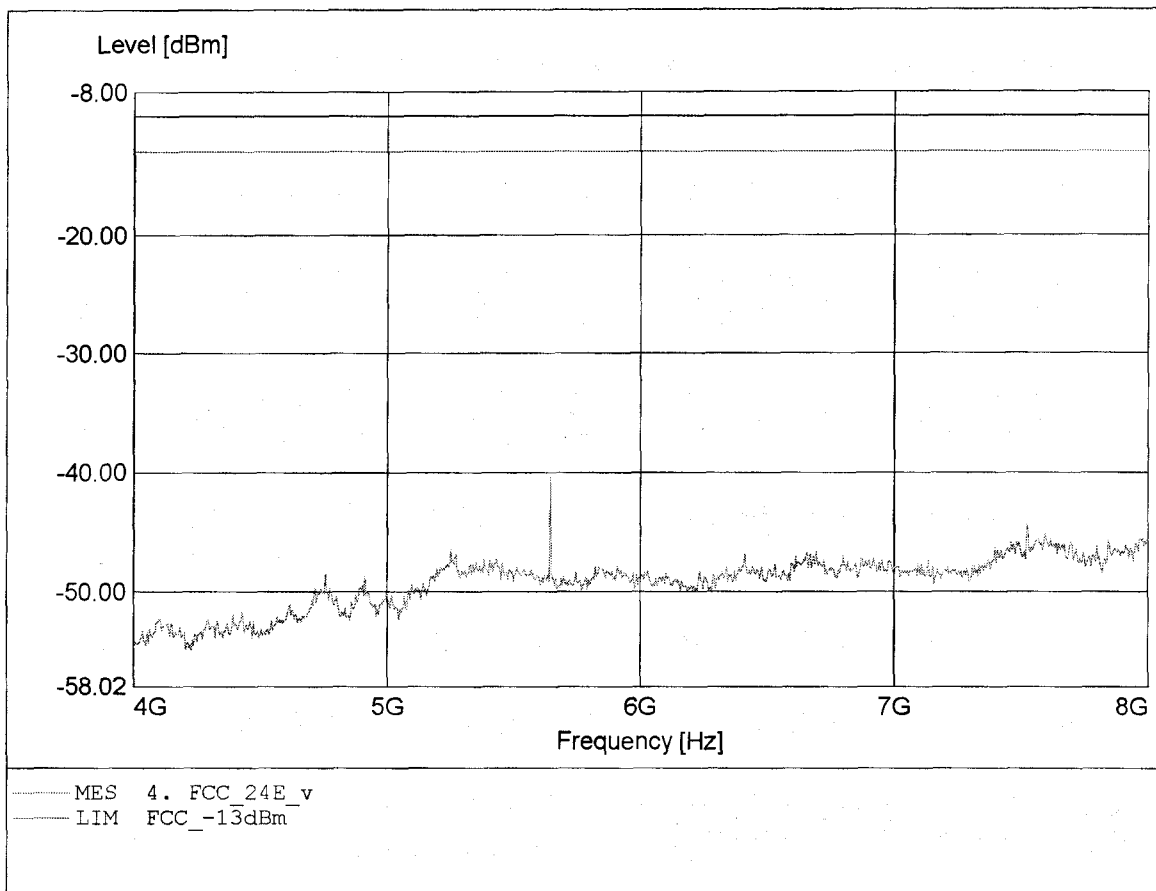
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.958GHz, Pmax: -22.86dBm, RBW: 1MHz/3kHz



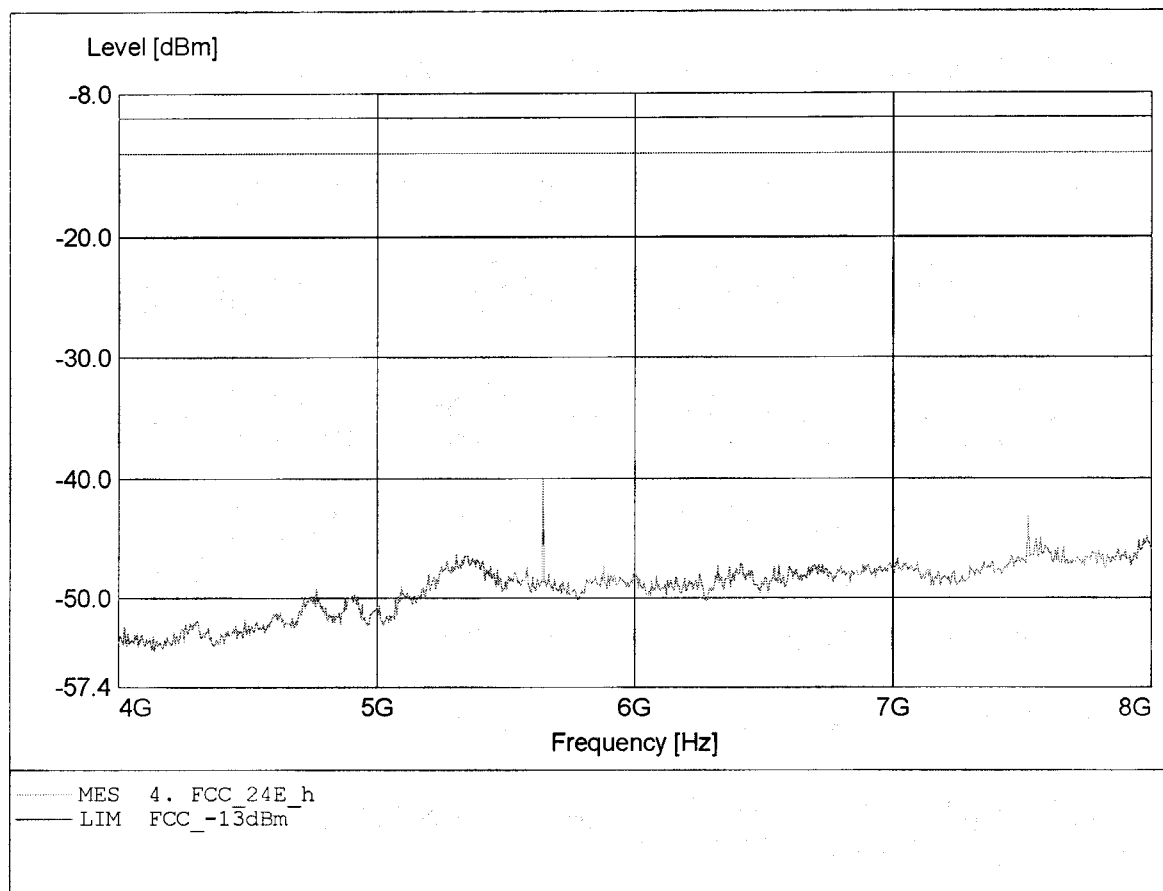
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.644GHz, Pmax: -40.28dBm, RBW: 1MHz



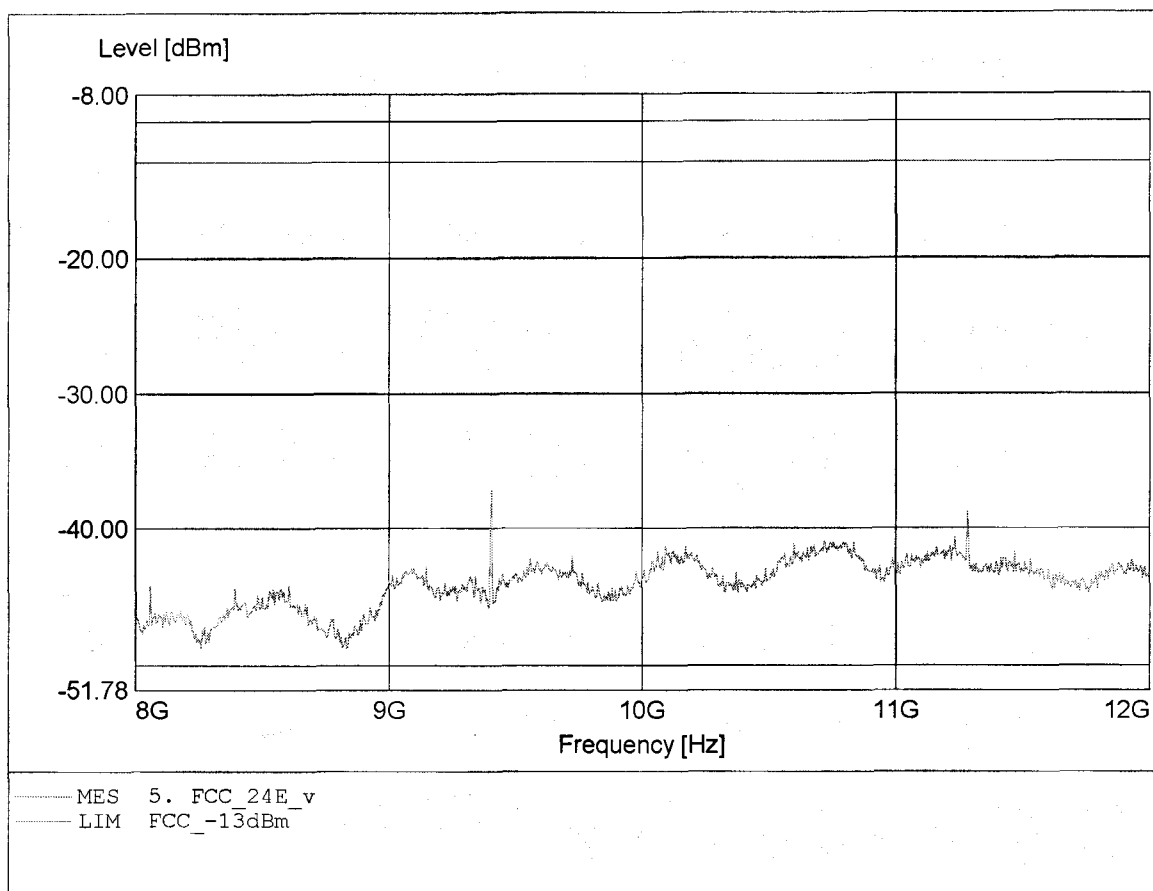
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.644GHz, Pmax: -40.07dBm, RBW: 1MHz



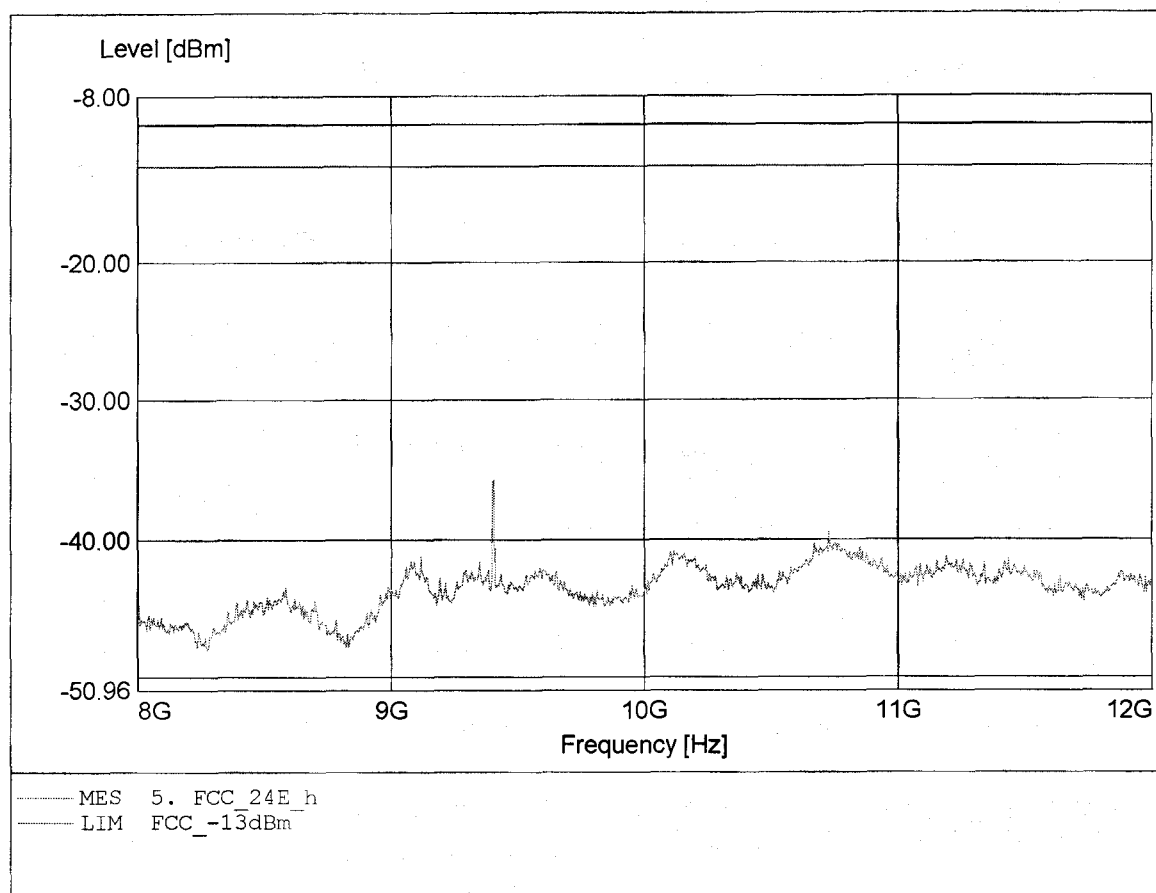
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.404GHz, Pmax: -37.14dBm, RBW: 1MHz



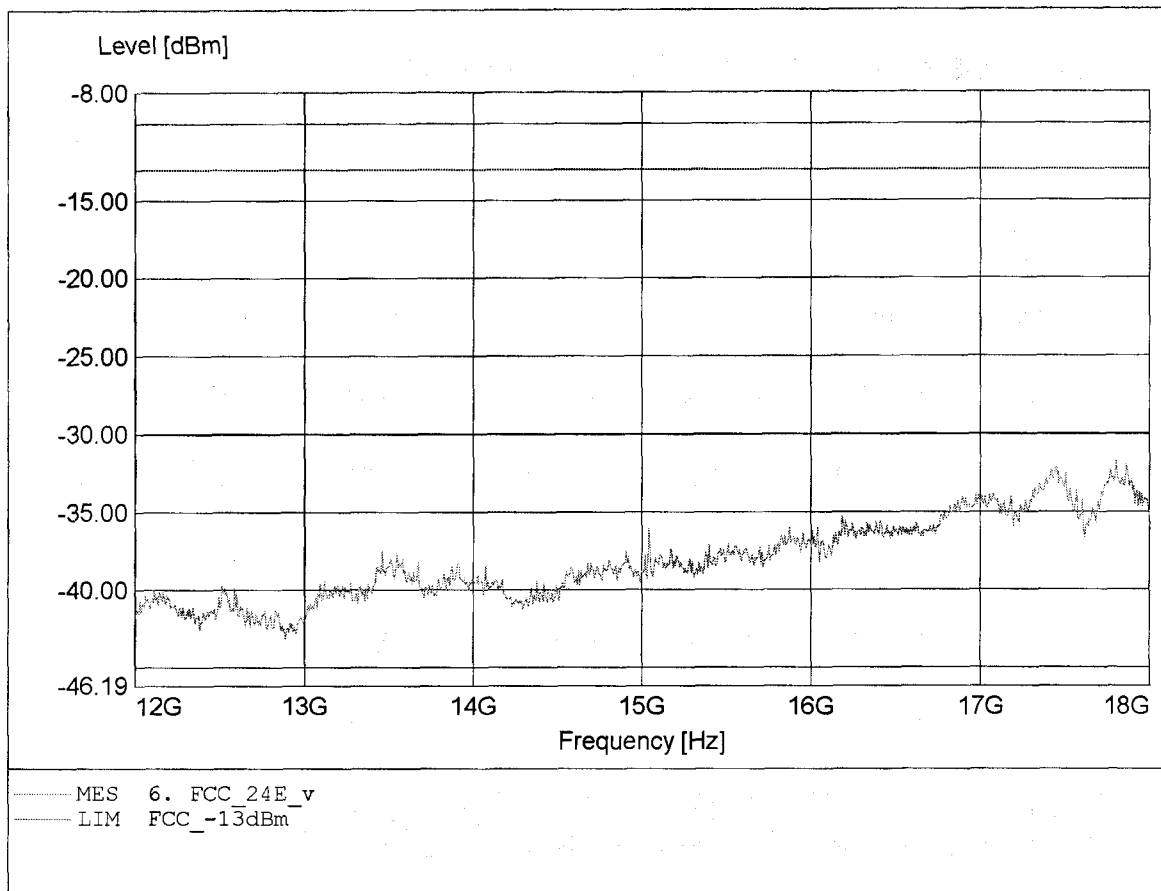
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.404GHz, Pmax: -35.73dBm, RBW: 1MHz



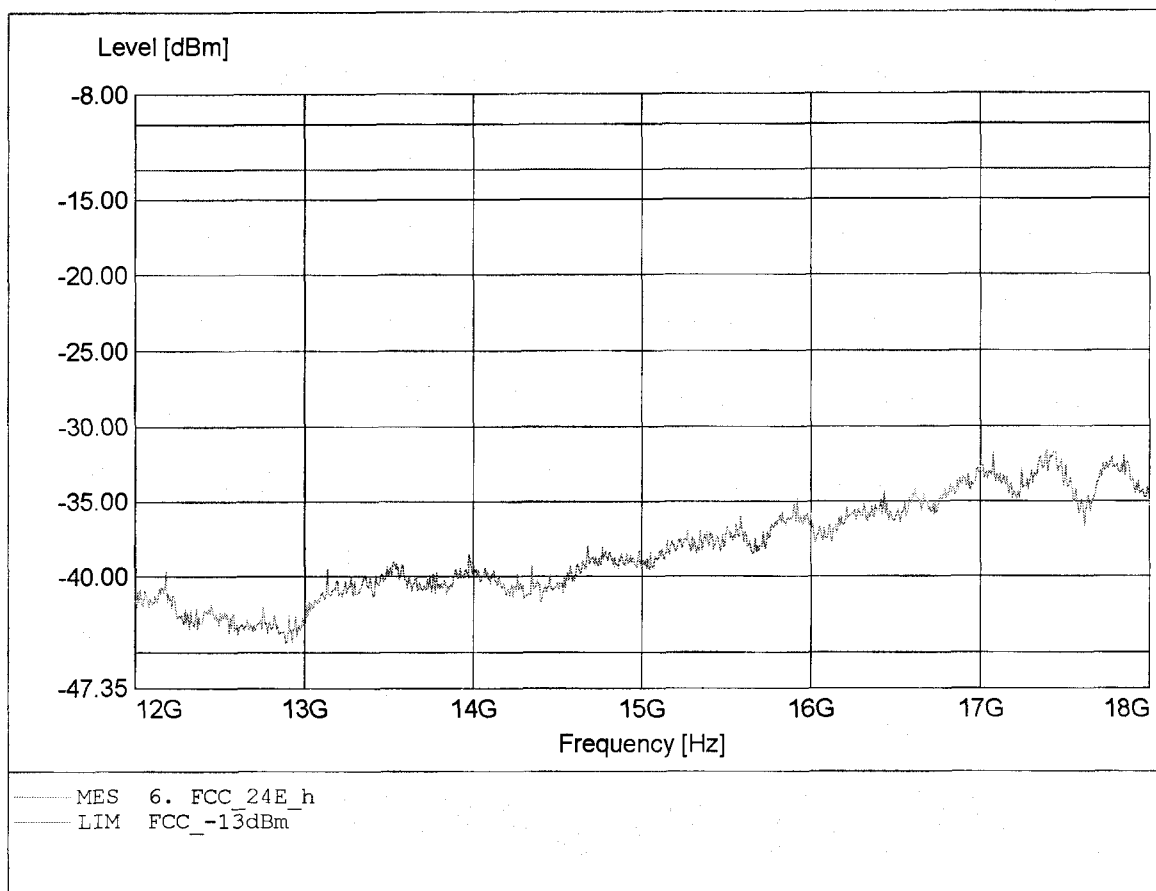
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.800GHz, Pmax: -31.73dBm, RBW: 1MHz



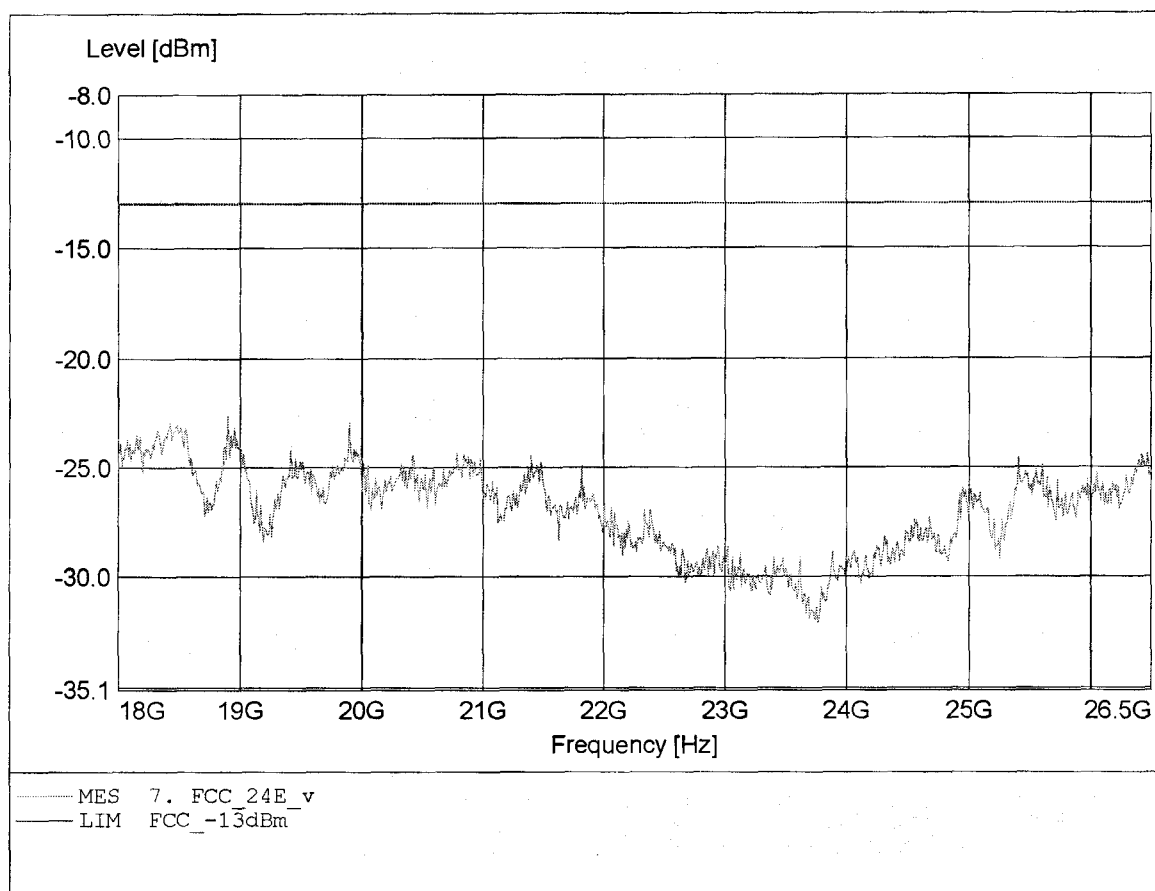
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.387GHz, Pmax: -31.61dBm, RBW: 1MHz



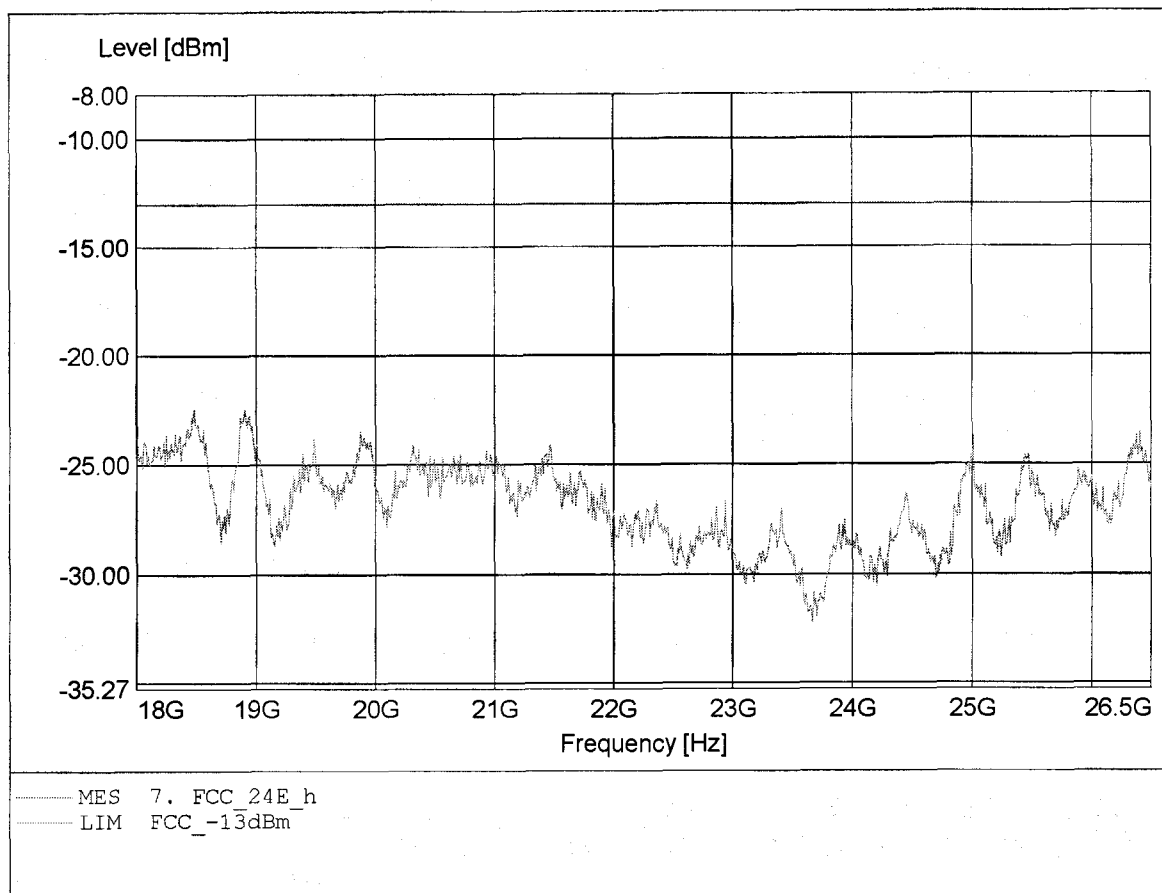
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.897GHz, Pmax: -22.62dBm, RBW: 1MHz



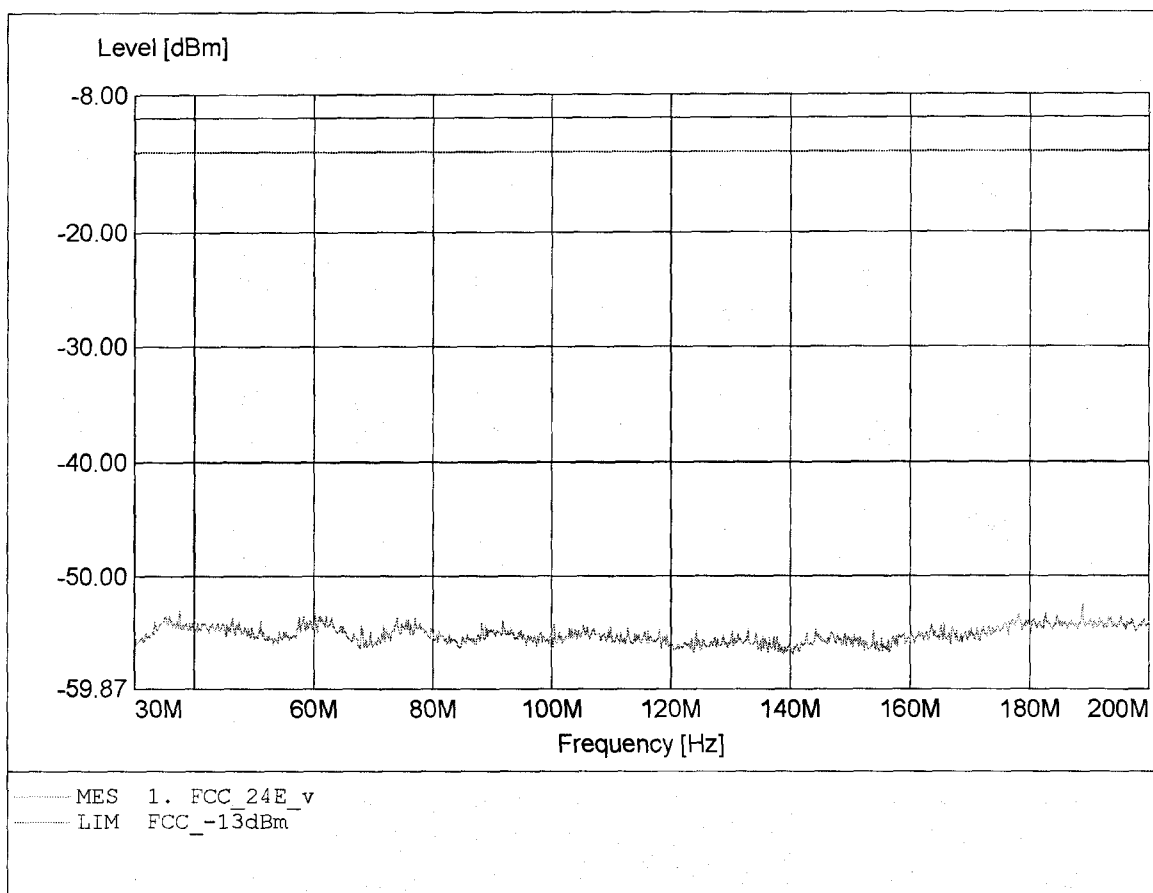
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 661
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.482GHz, Pmax: -22.44dBm, RBW: 1MHz



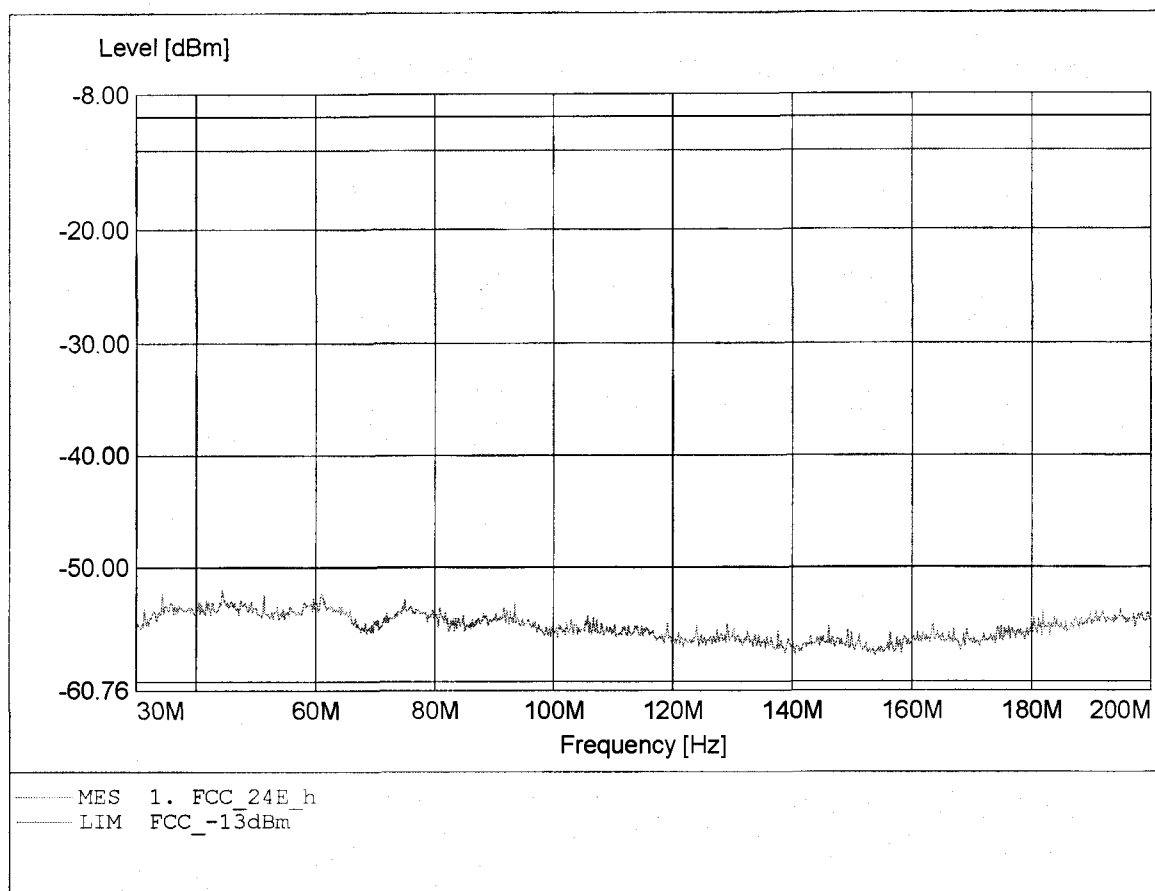
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 188.856MHz, Pmax: -52.40dBm, RBW: 1MHz



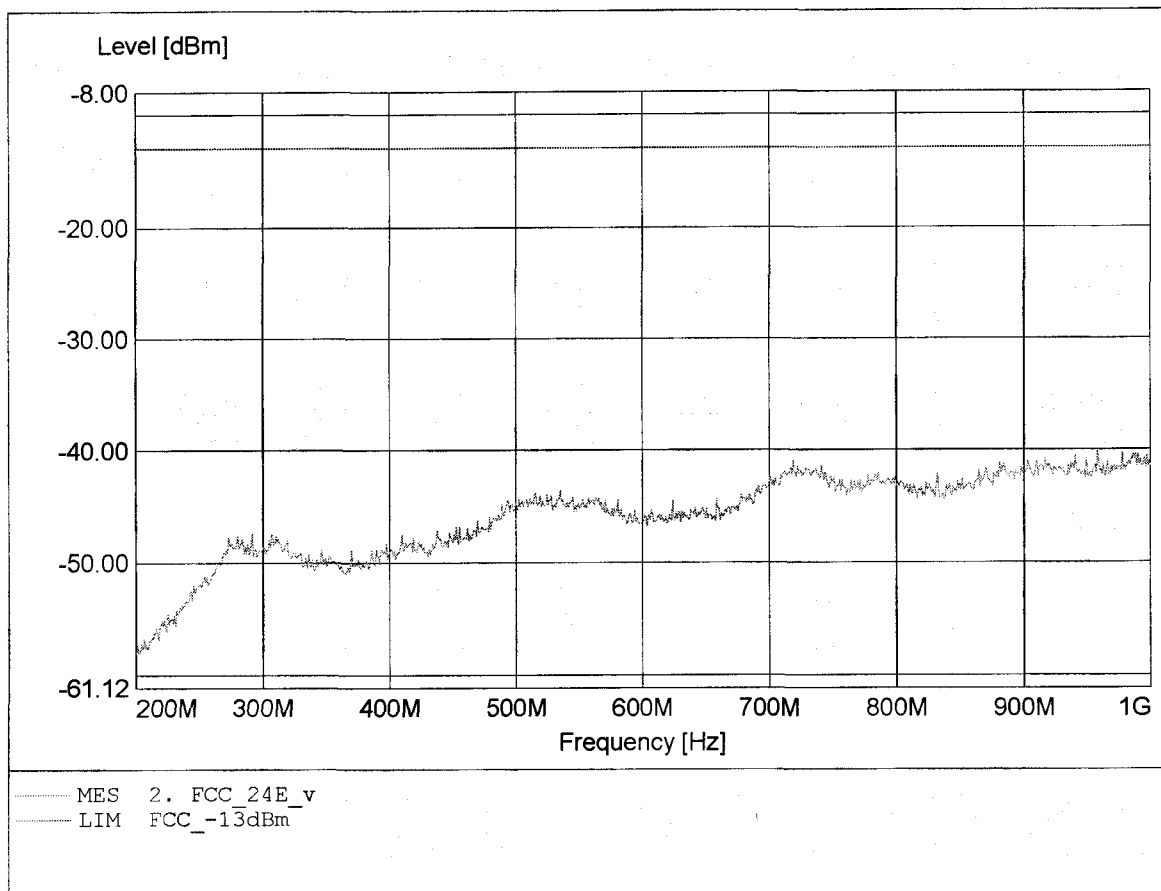
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.356MHz, Pmax: -51.98dBm, RBW: 1MHz



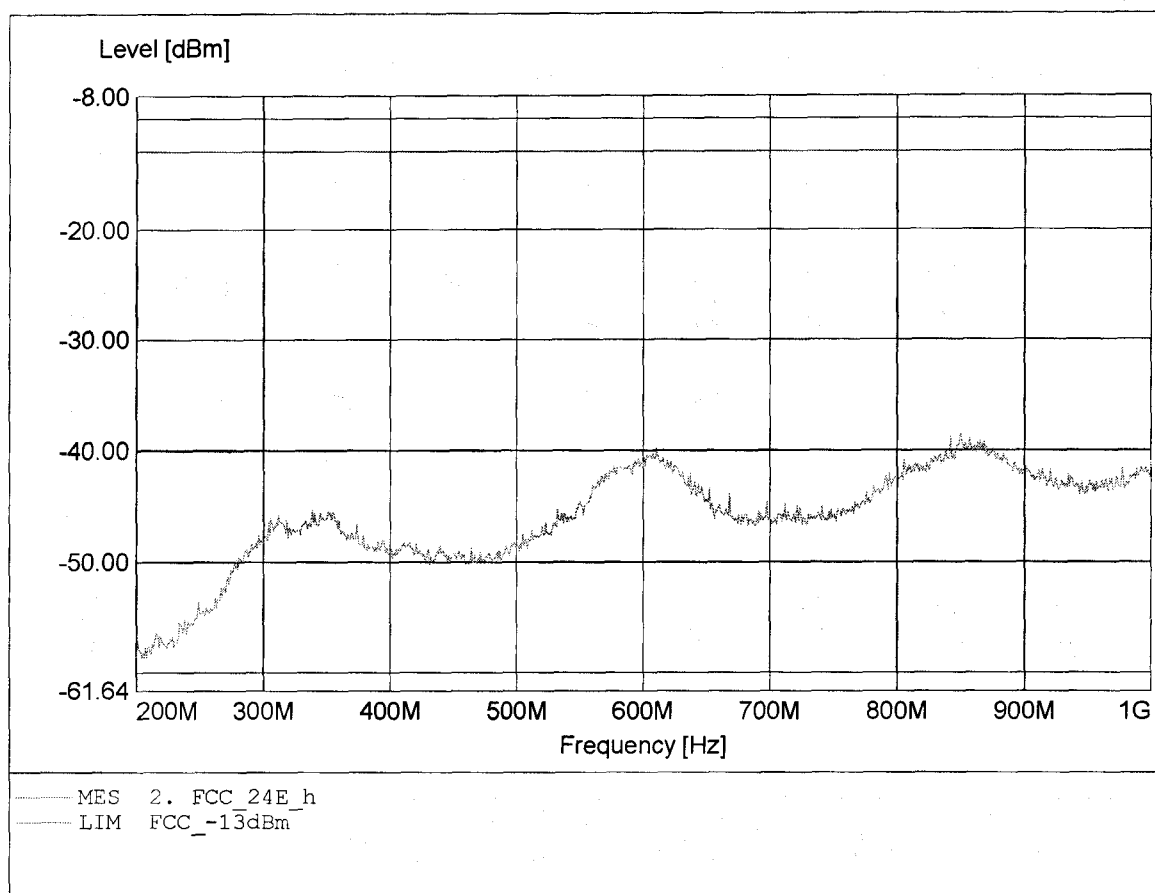
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 958.222MHz, Pmax: -40.23dBm, RBW: 1MHz



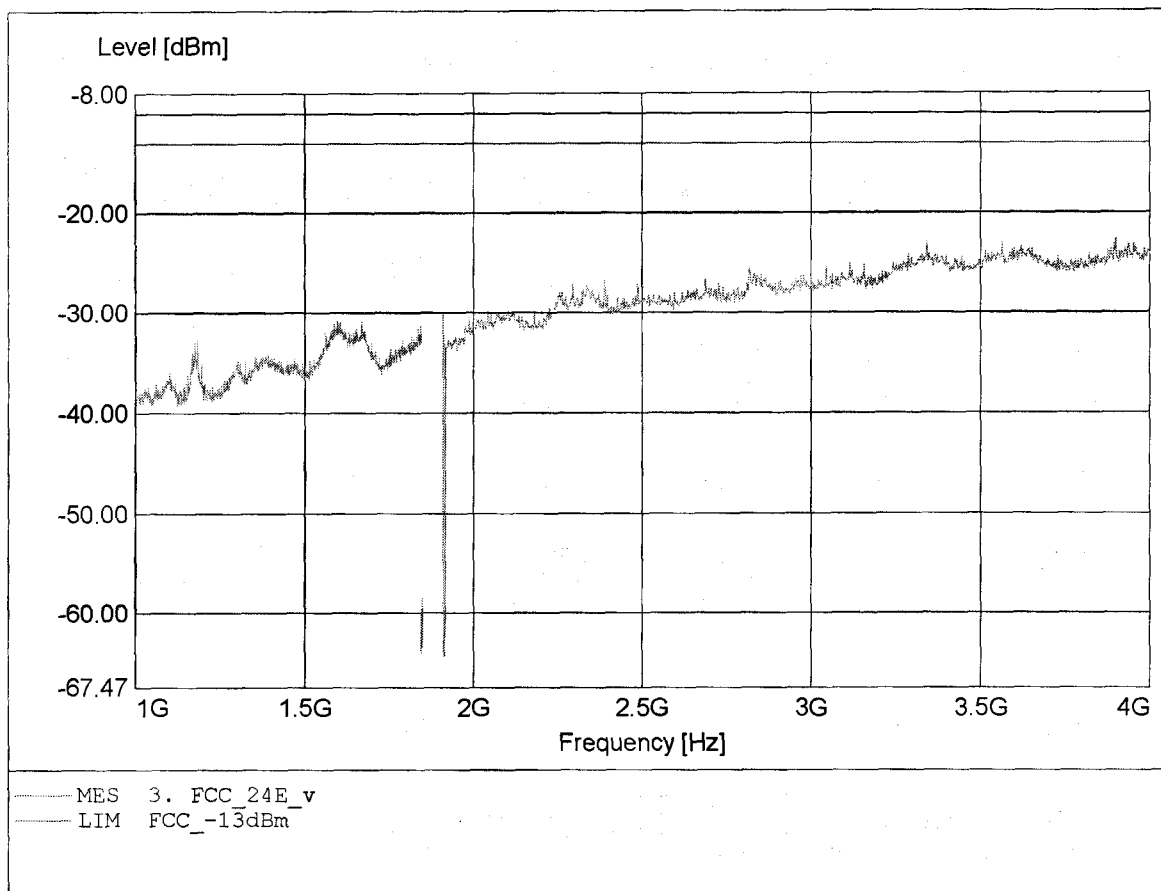
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 849.778MHz, Pmax: -38.48dBm, RBW: 1MHz



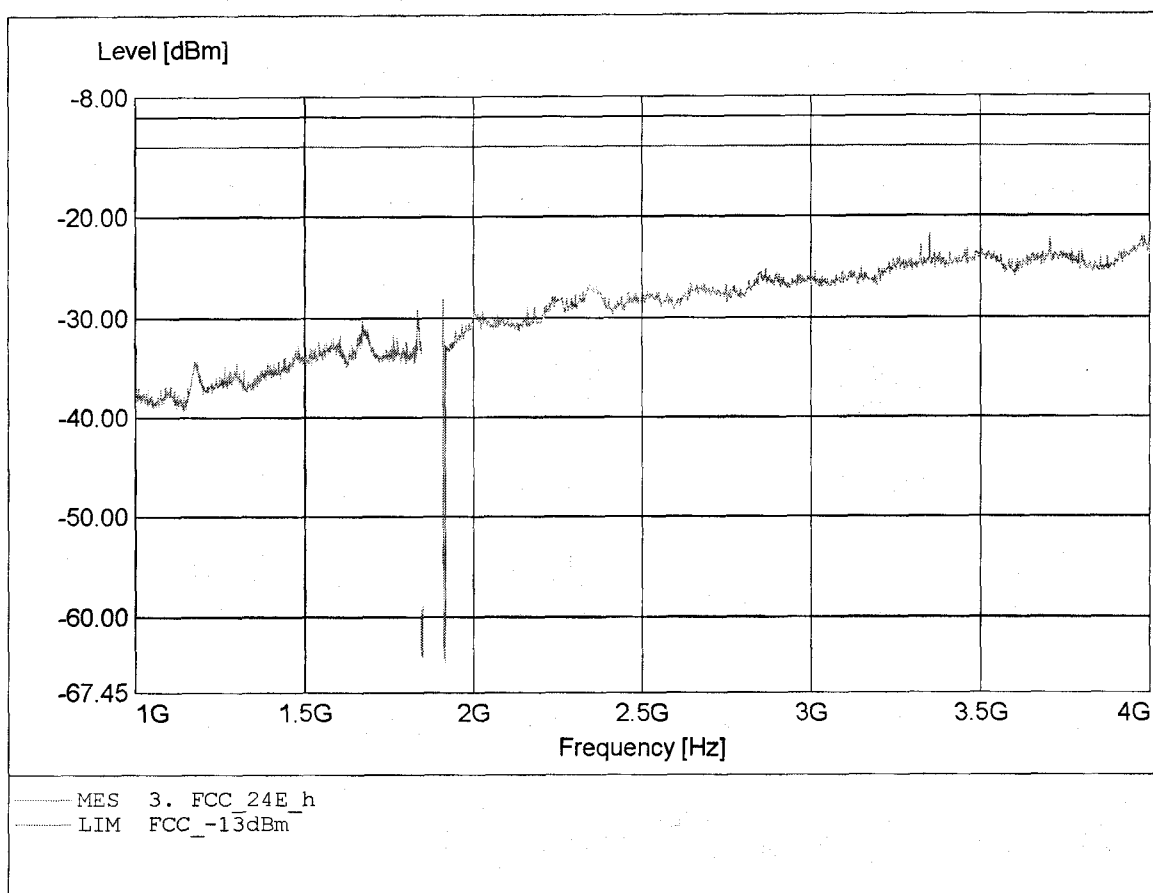
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.898GHz, Pmax: -22.59dBm, RBW: 1MHz/3kHz



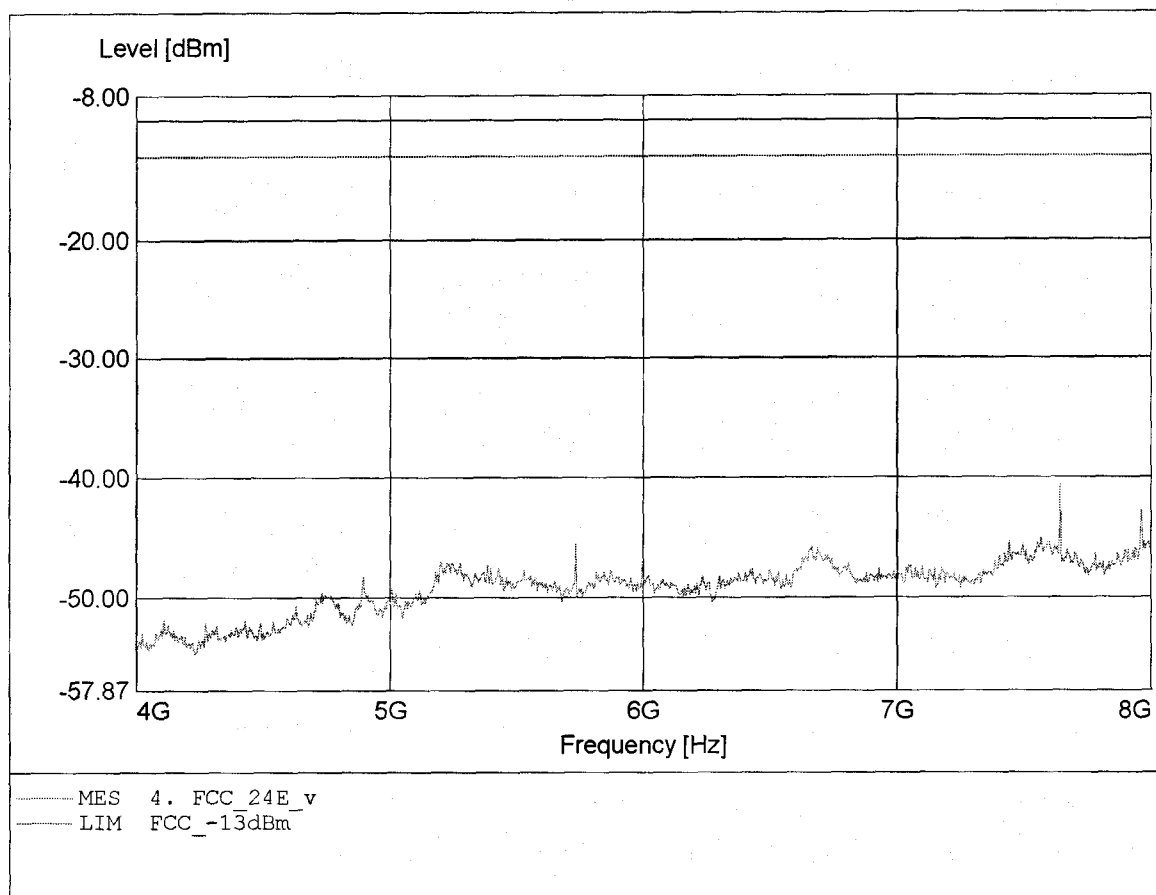
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.349GHz, Pmax: -21.79dBm, RBW: 1MHz/3kHz



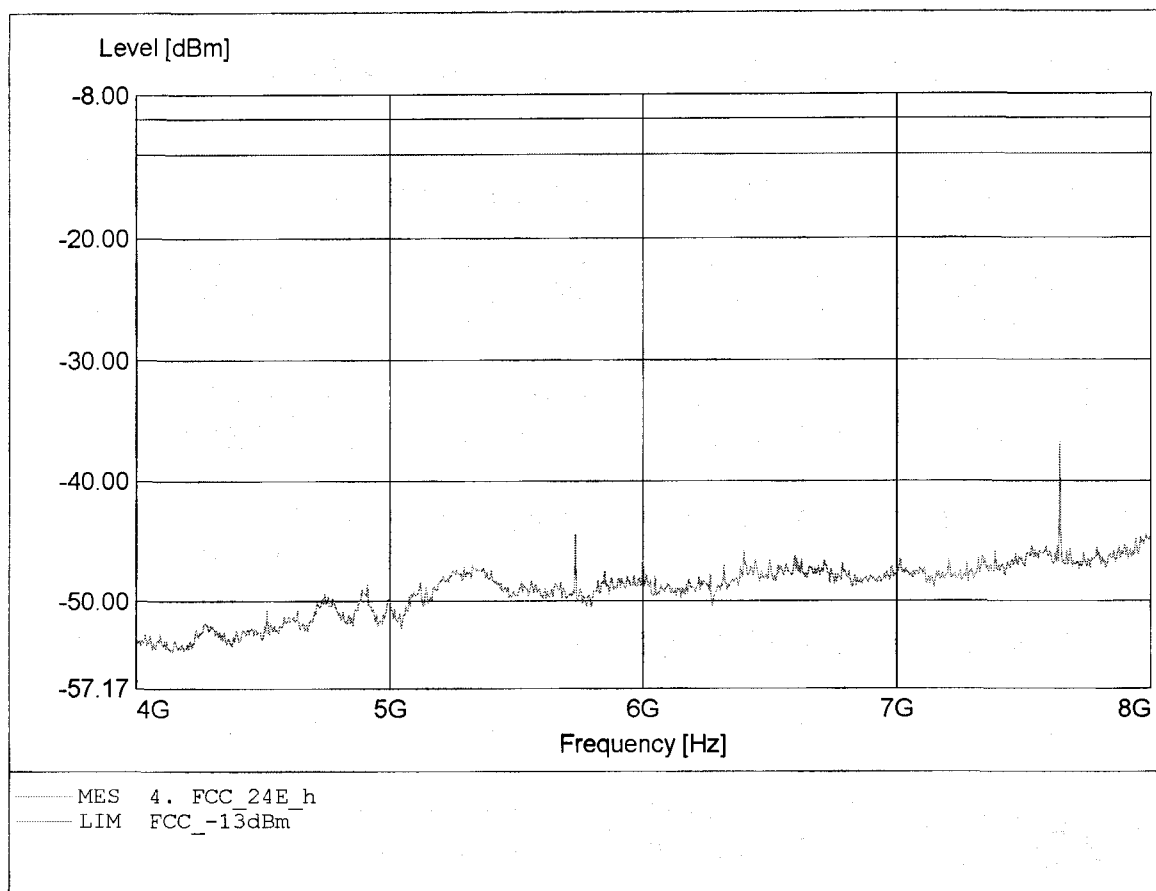
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.640GHz, Pmax: -40.51dBm, RBW: 1MHz



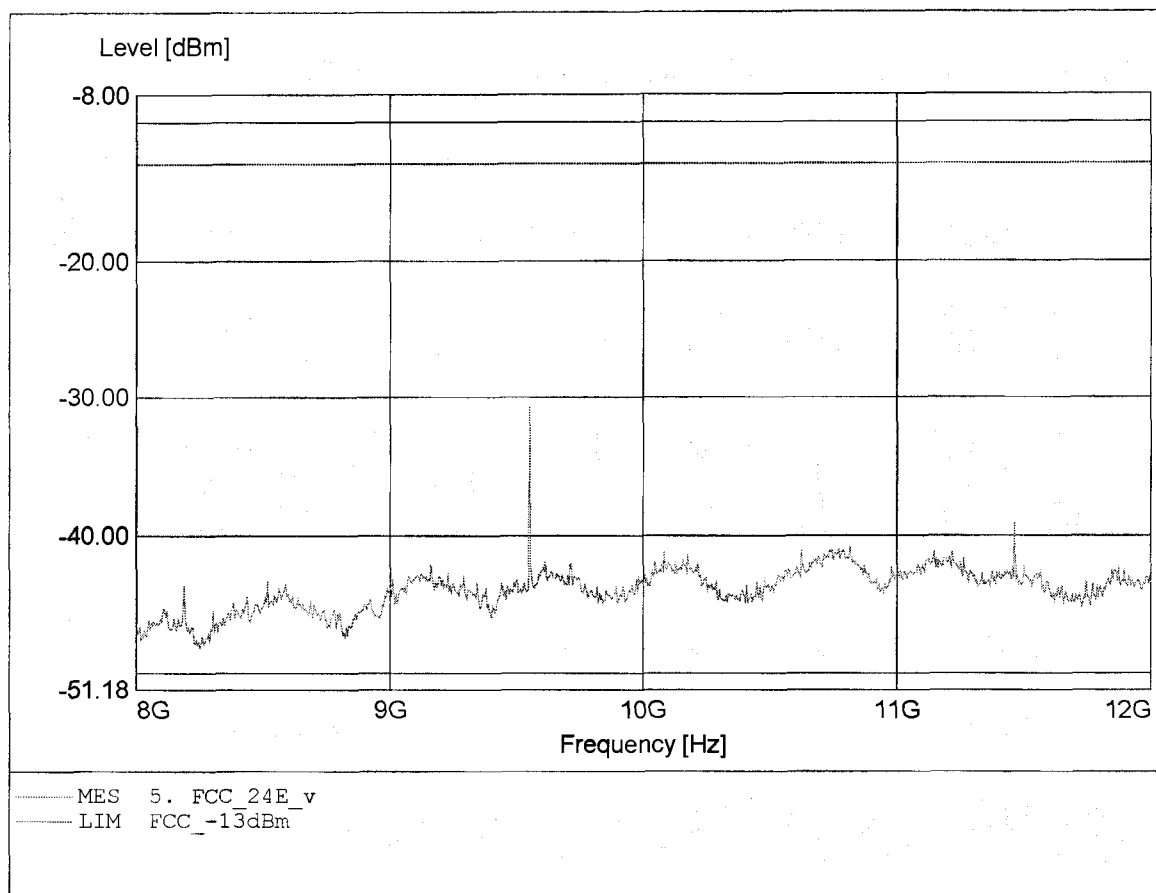
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.640GHz, Pmax: -36.68dBm, RBW: 1MHz



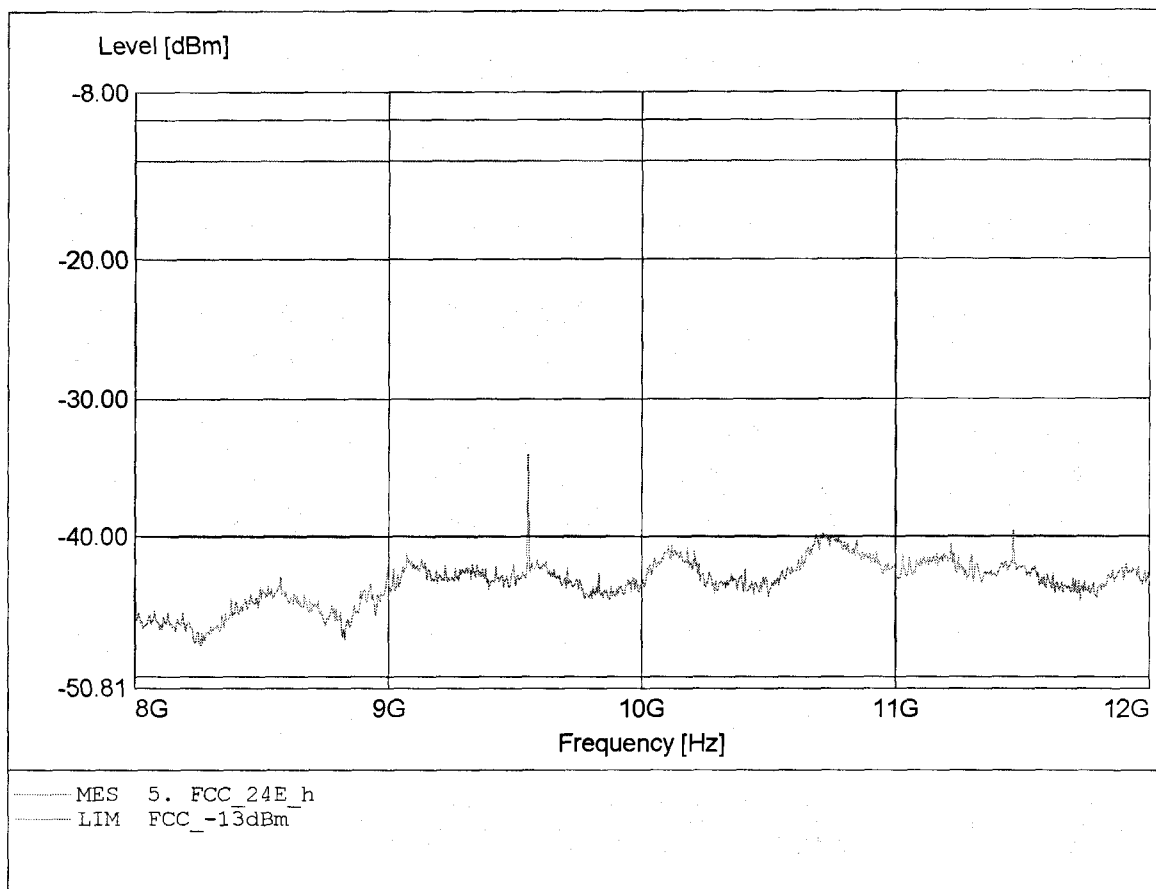
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -30.74dBm, RBW: 1MHz



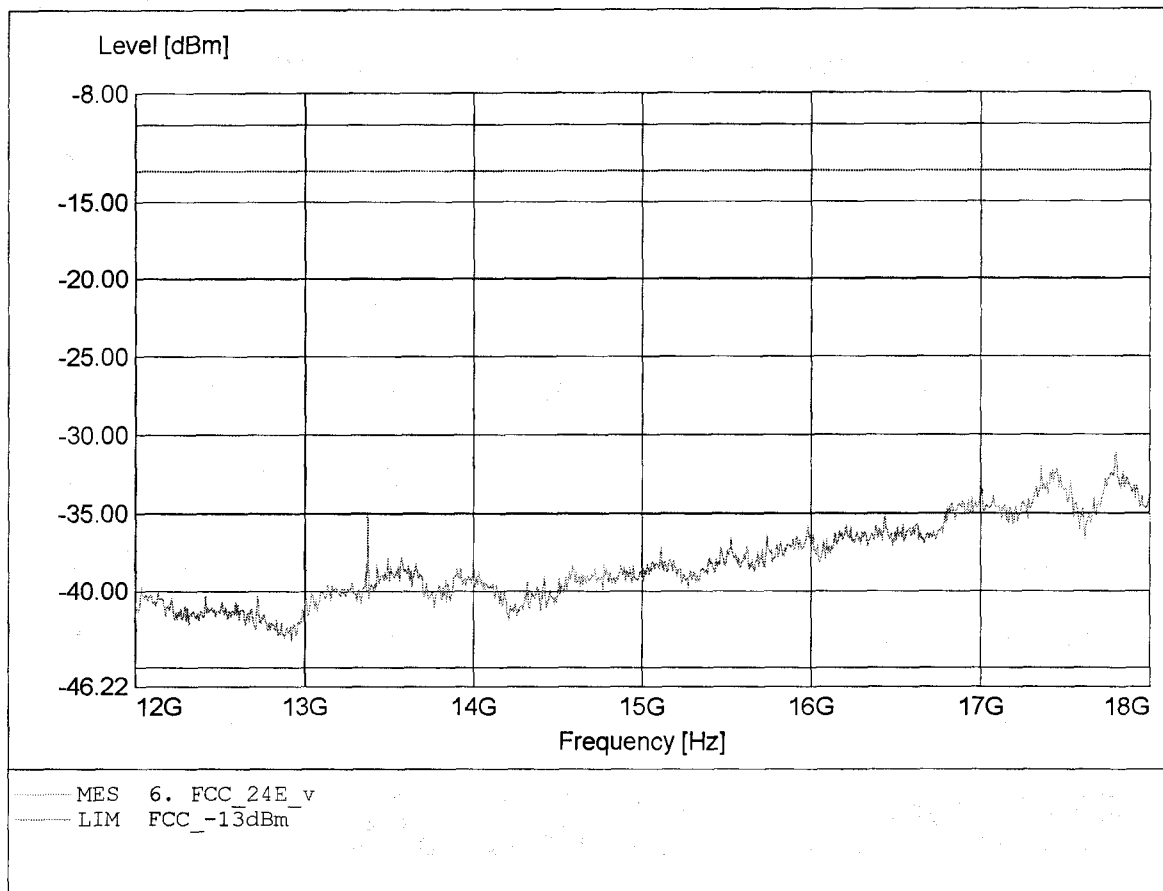
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -34.02dBm, RBW: 1MHz



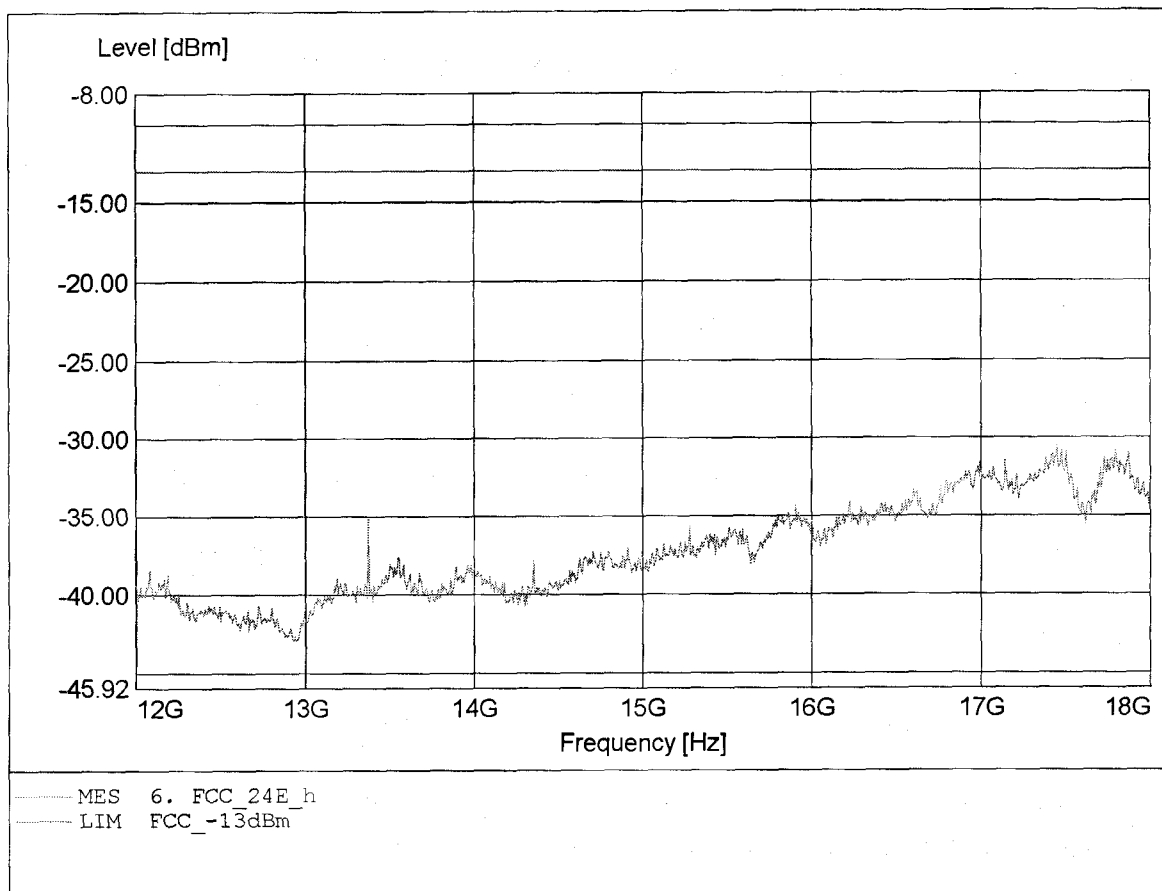
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.800GHz, Pmax: -31.14dBm, RBW: 1MHz



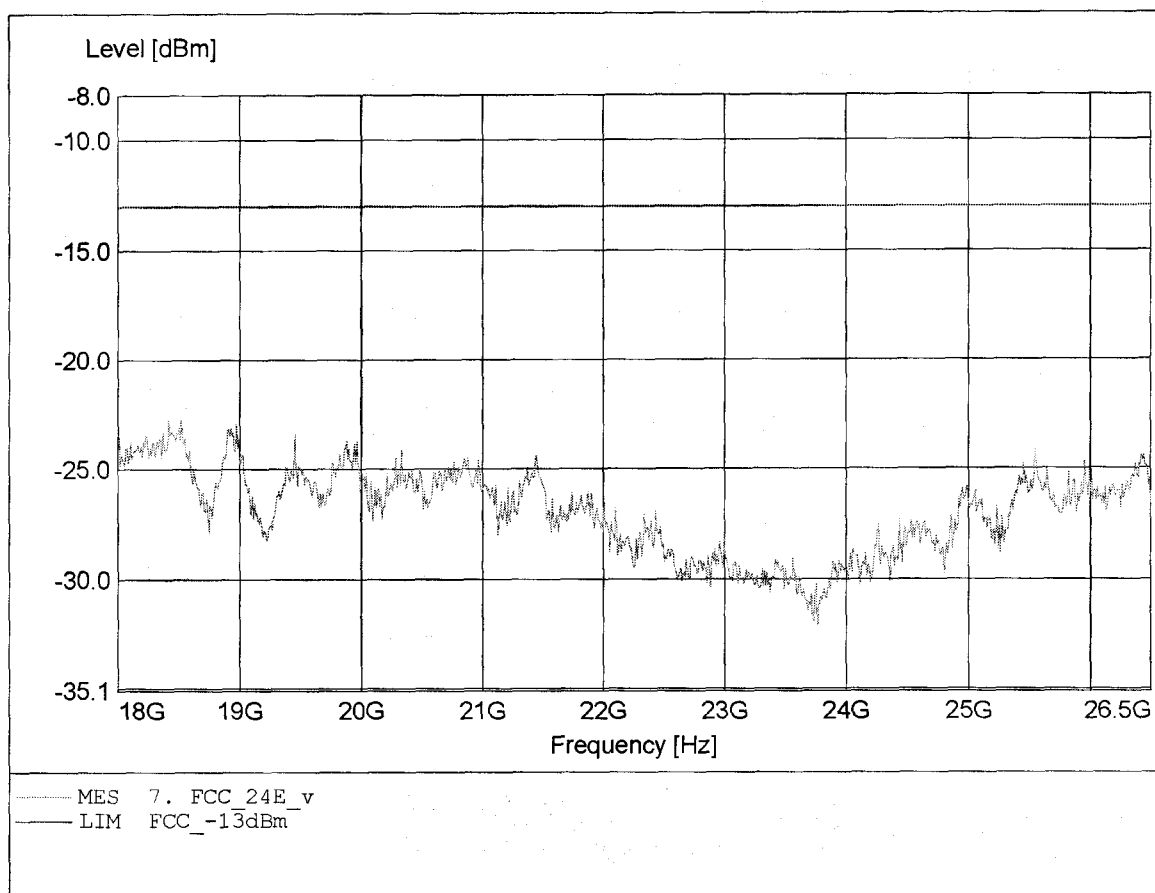
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.447GHz, Pmax: -30.52dBm, RBW: 1MHz



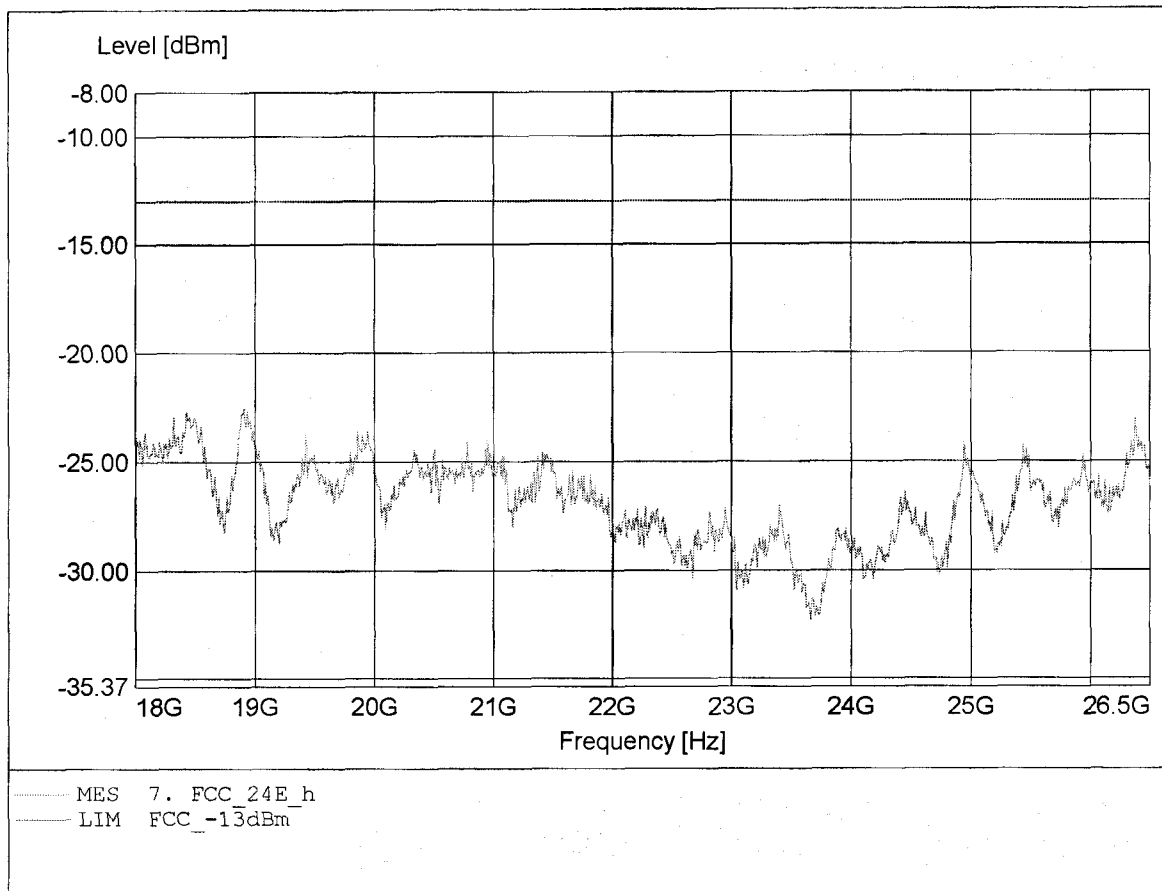
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT: Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.416GHz, Pmax: -22.72dBm, RBW: 1MHz



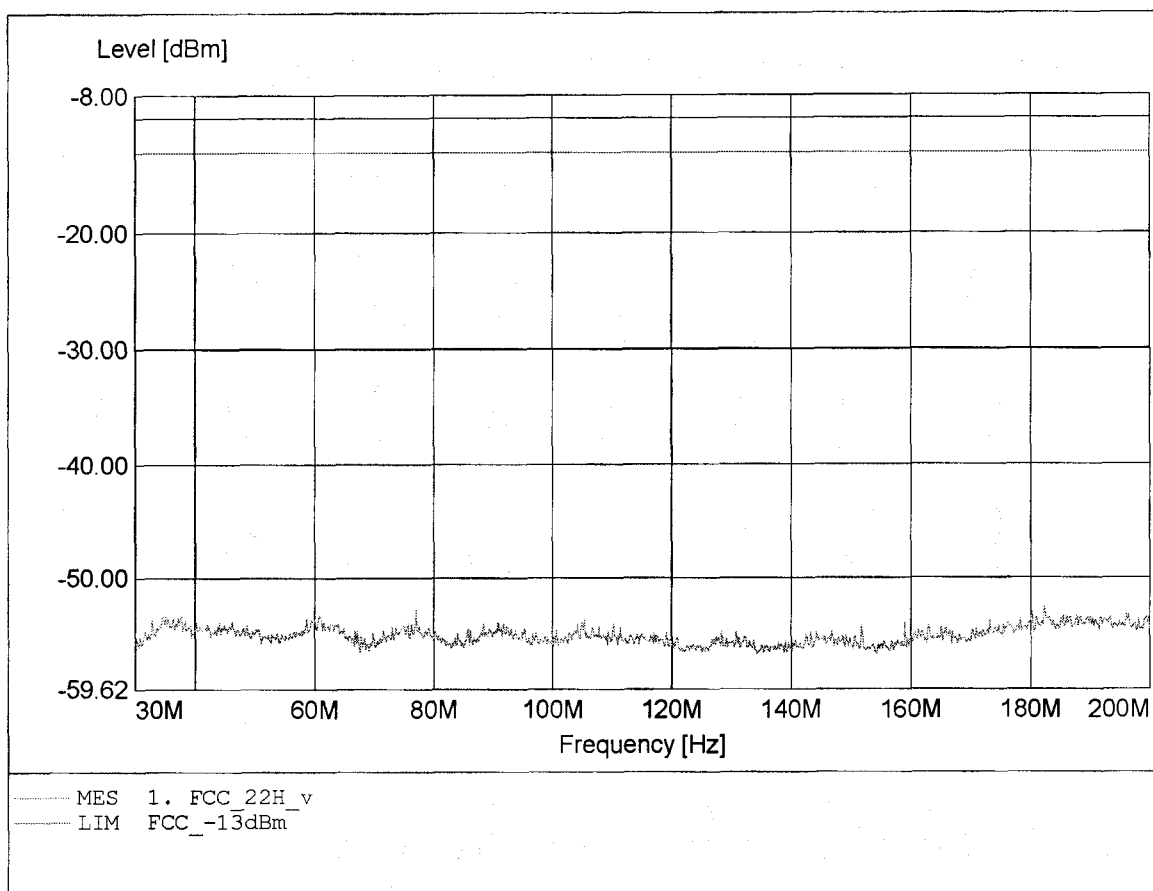
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 810
Temperature/ Voltage: Temp.: 23°C / Unom.: 4.20 V DC
Test Site / Operator: ETS / Mr. Handrik
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.907GHz, Pmax: -22.53dBm, RBW: 1MHz



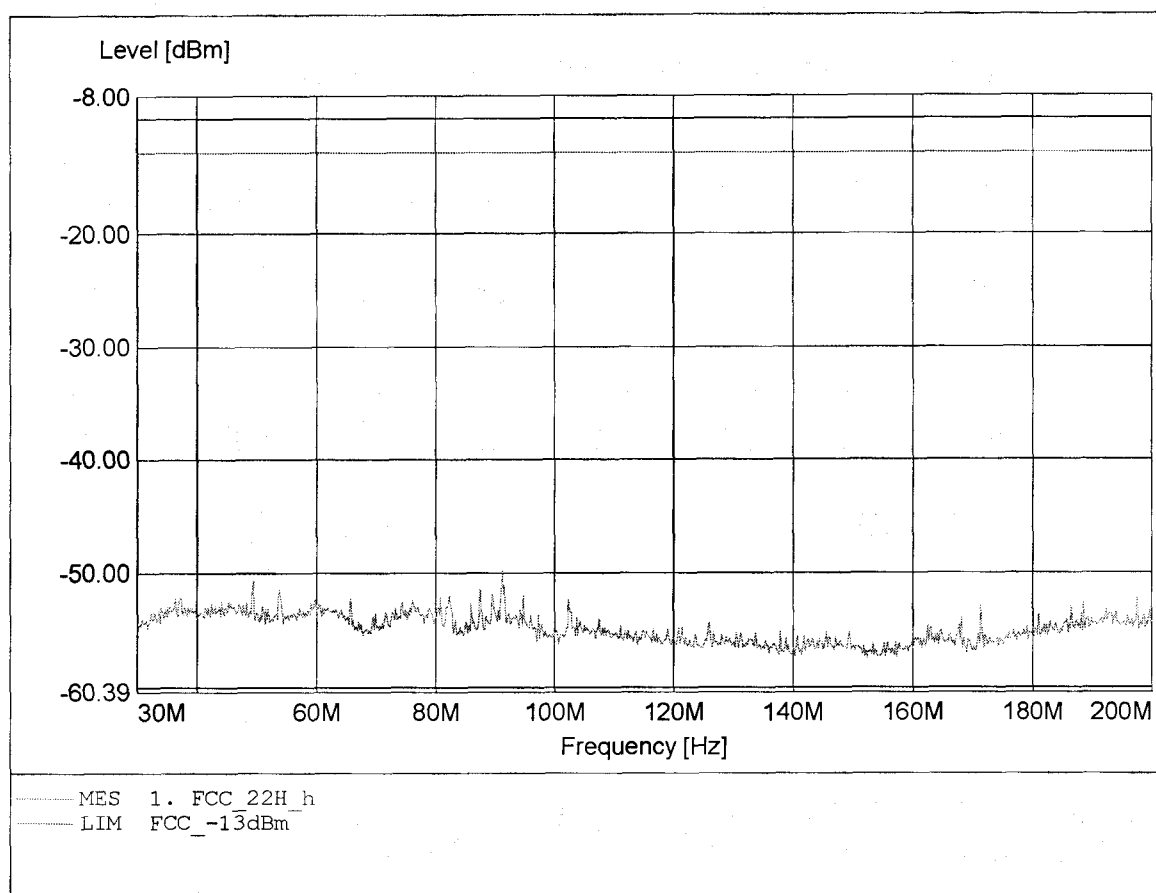
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 182.244MHz, Pmax: -52.56dBm, RBW: 1MHz



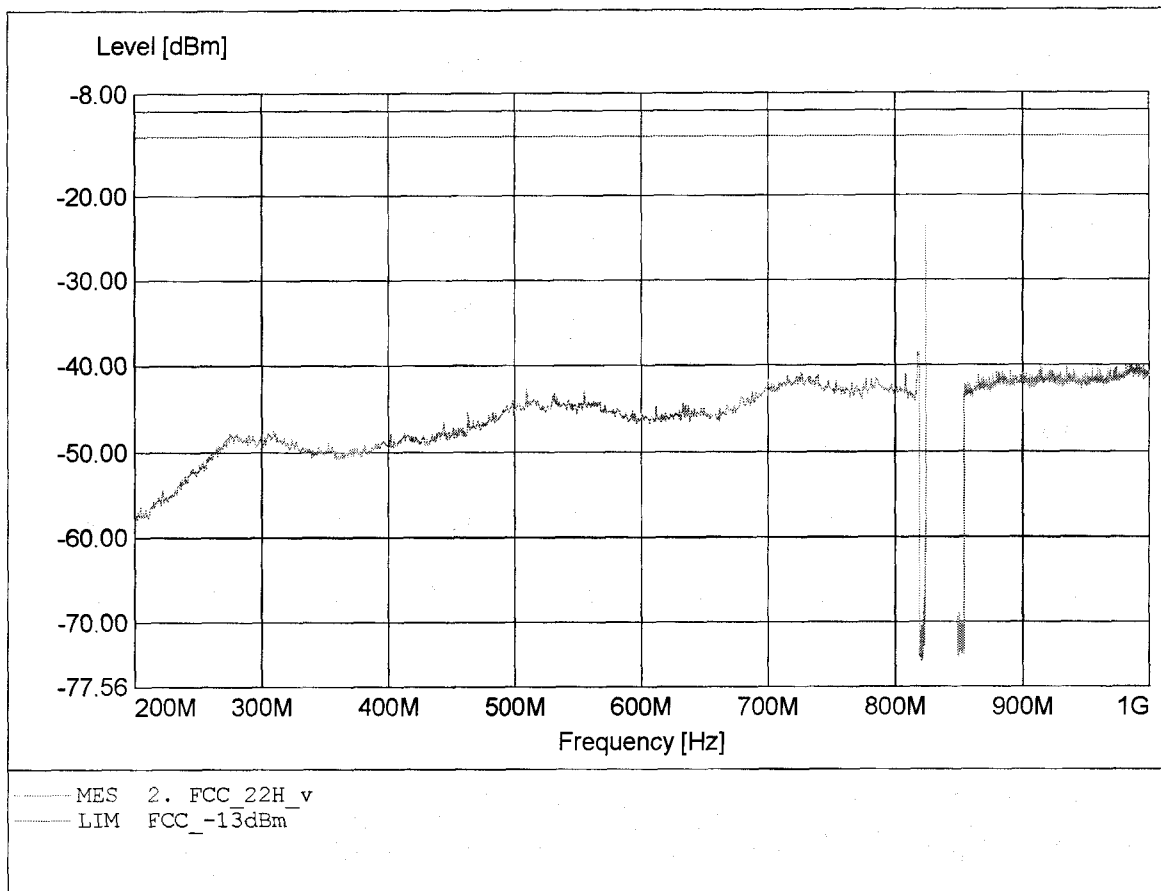
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 91.200MHz, Pmax: -49.85dBm, RBW: 1MHz



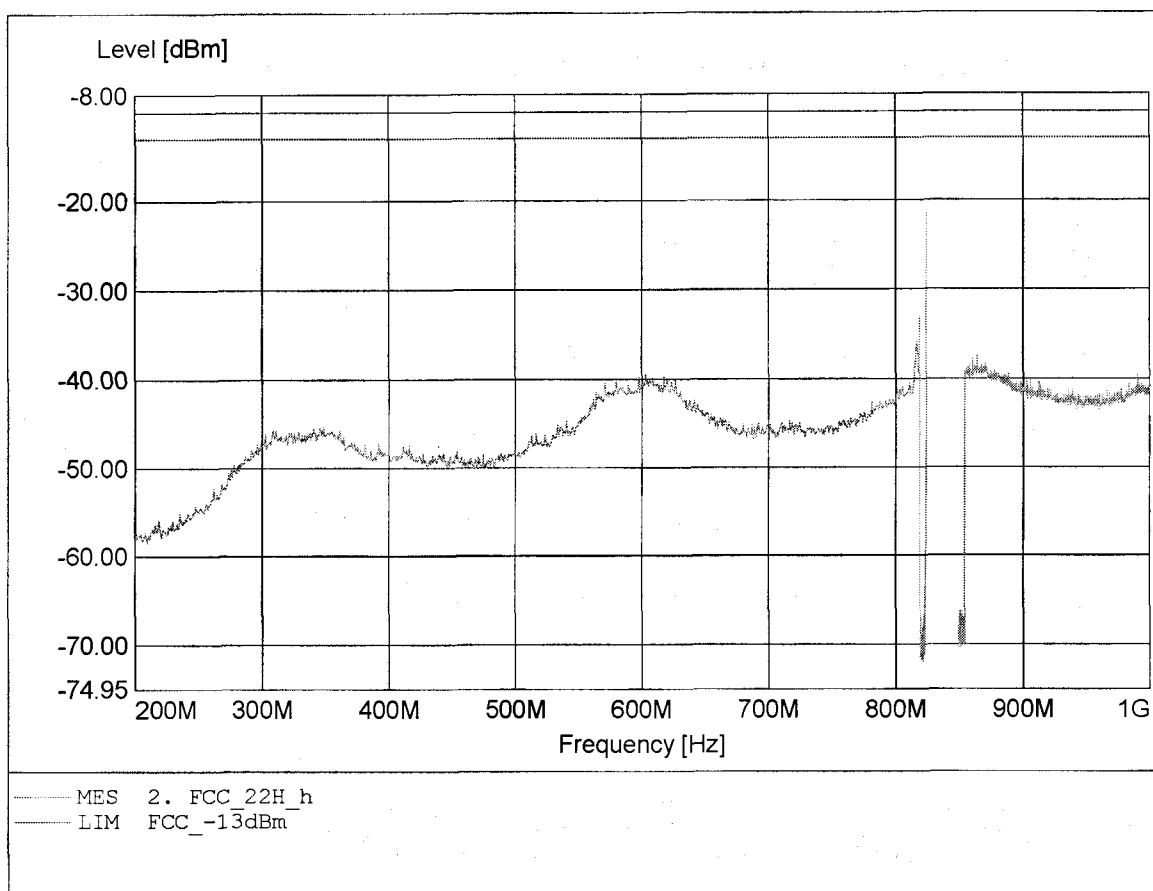
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.994MHz, Pmax: -23.44dBm, RBW: 1MHz



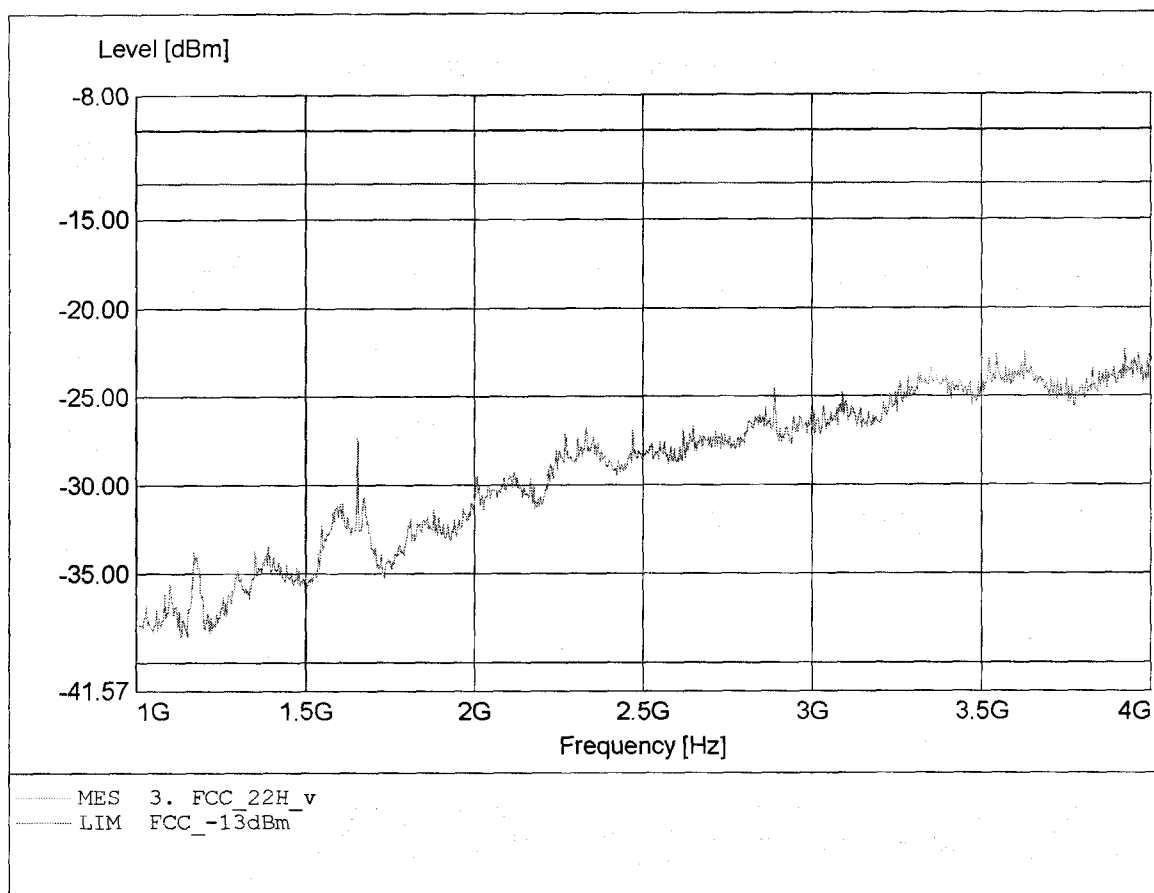
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.994MHz, Pmax: -21.57dBm, RBW: 1MHz



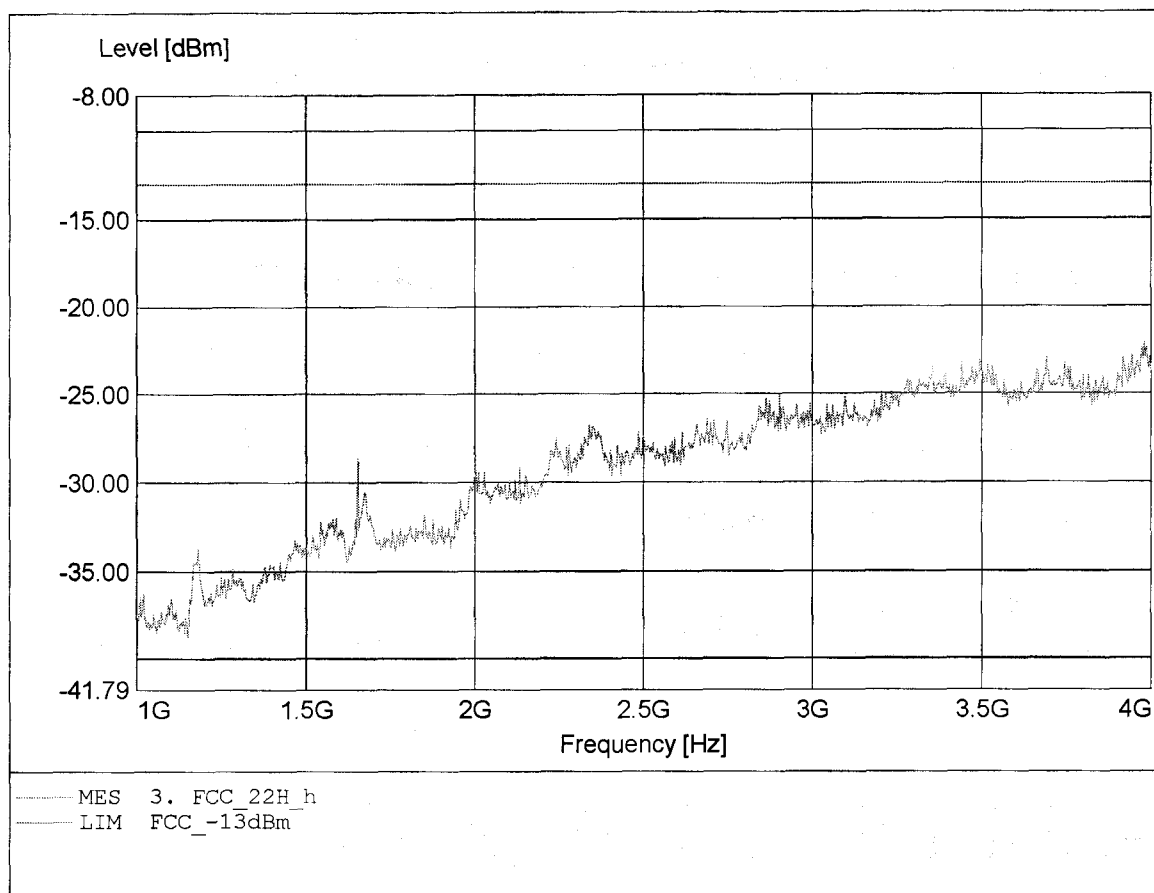
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.923GHz, Pmax: -22.31dBm, RBW: 1MHz



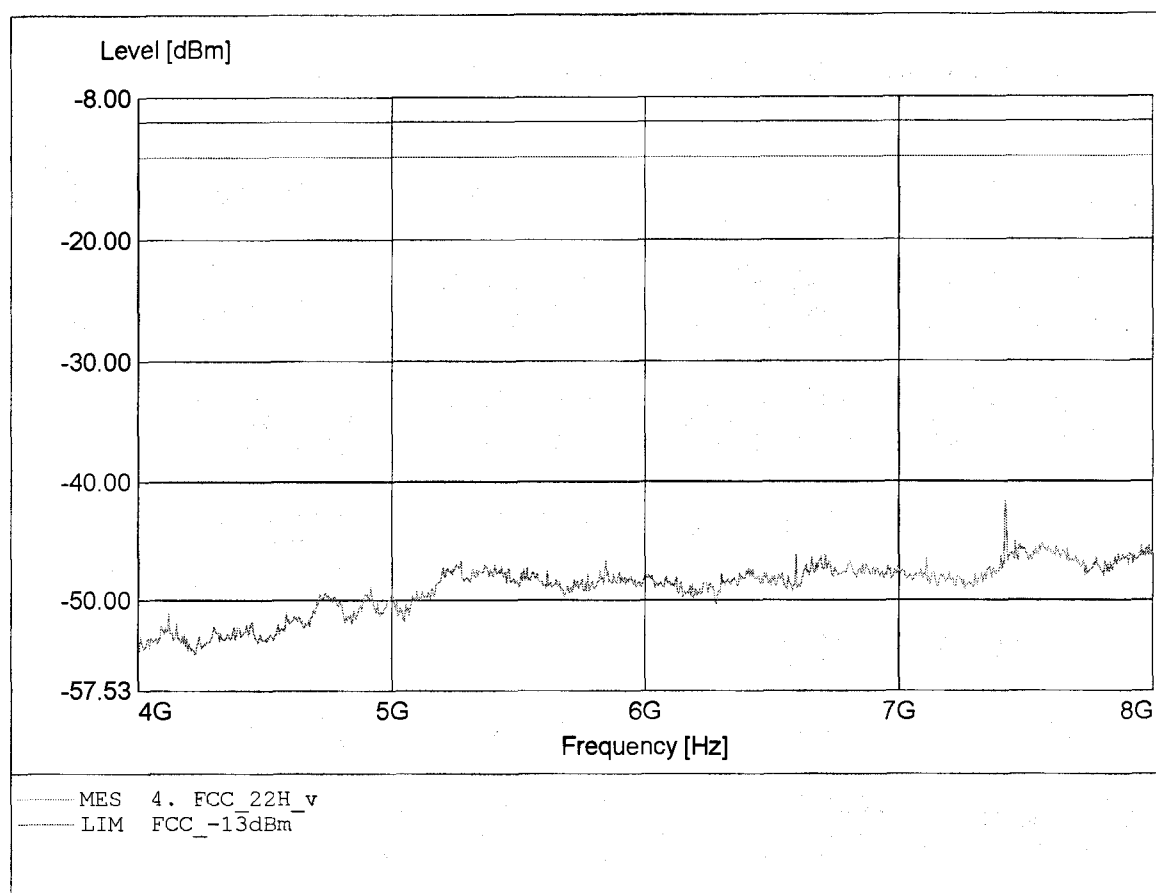
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.980GHz, Pmax: -22.11dBm, RBW: 1MHz



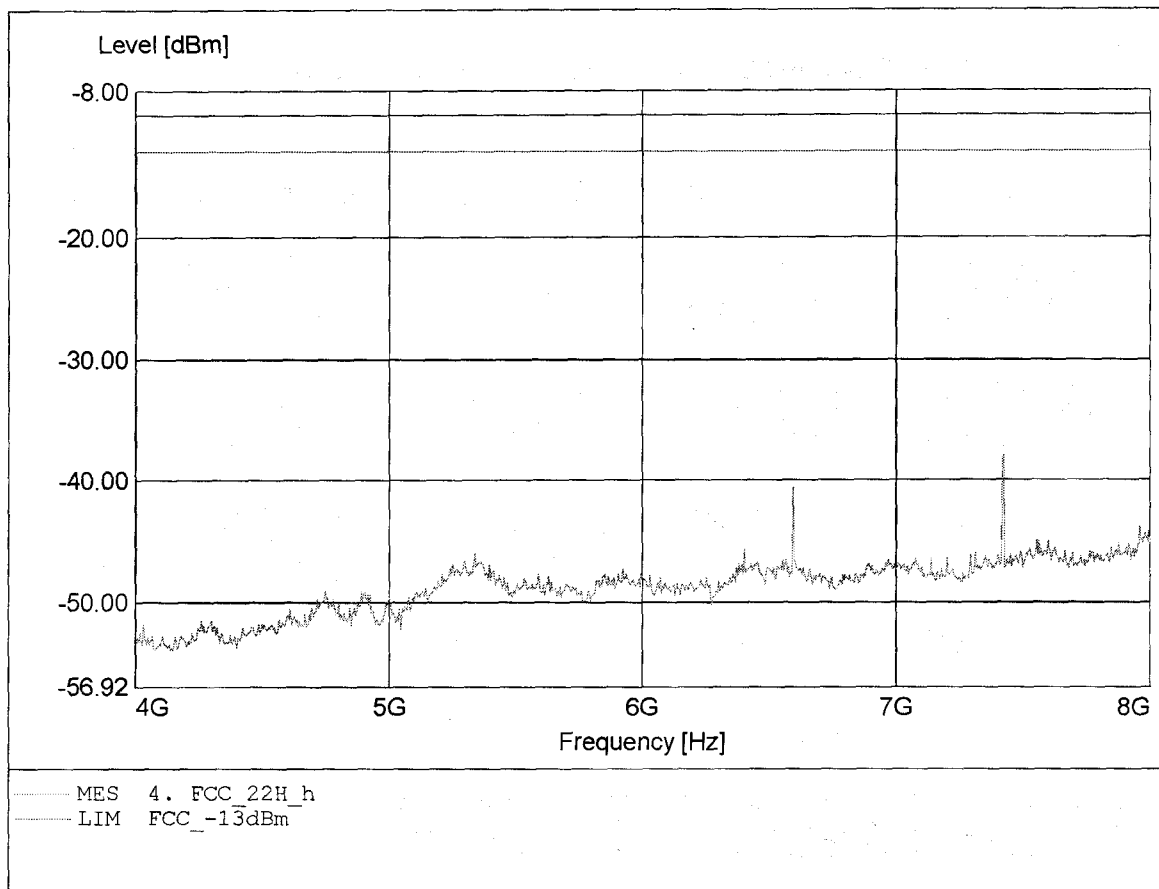
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.418GHz, Pmax: -41.61dBm, RBW: 1MHz



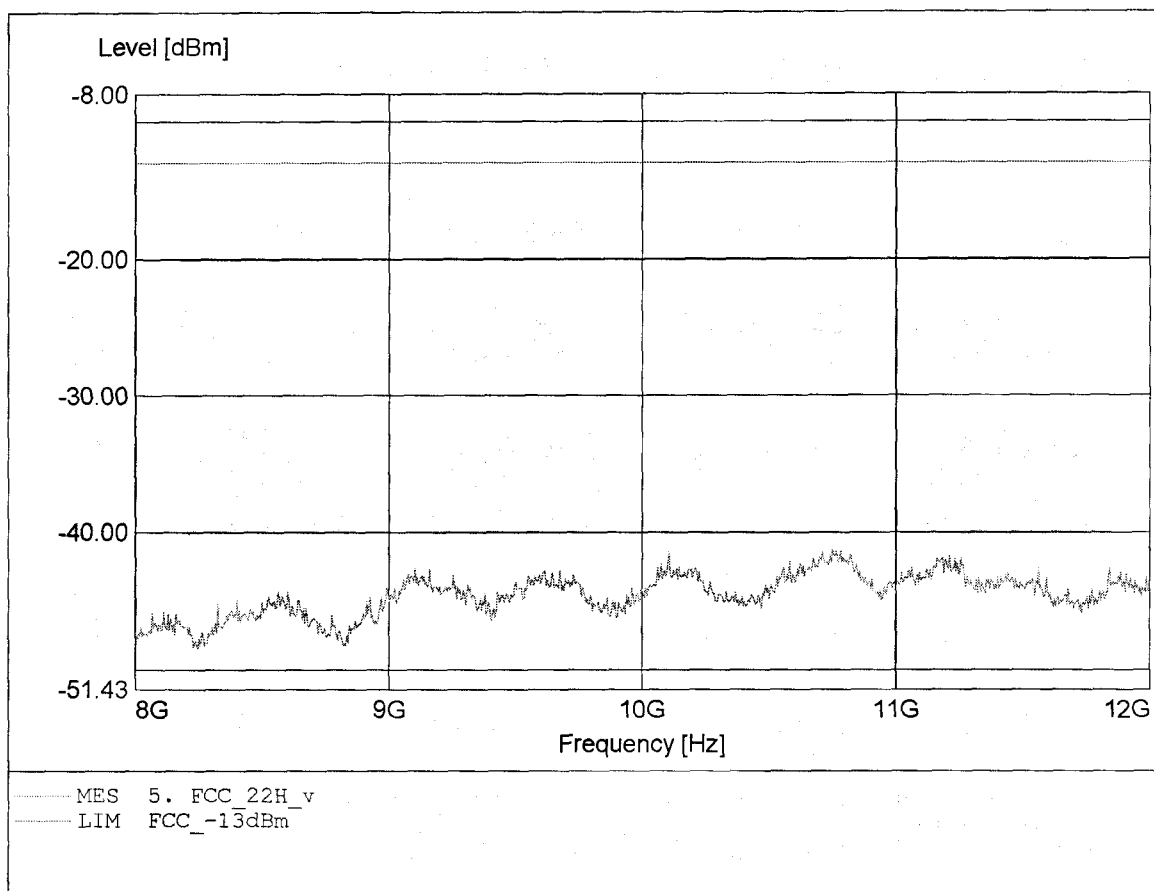
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.422GHz, Pmax: -38.02dBm, RBW: 1MHz



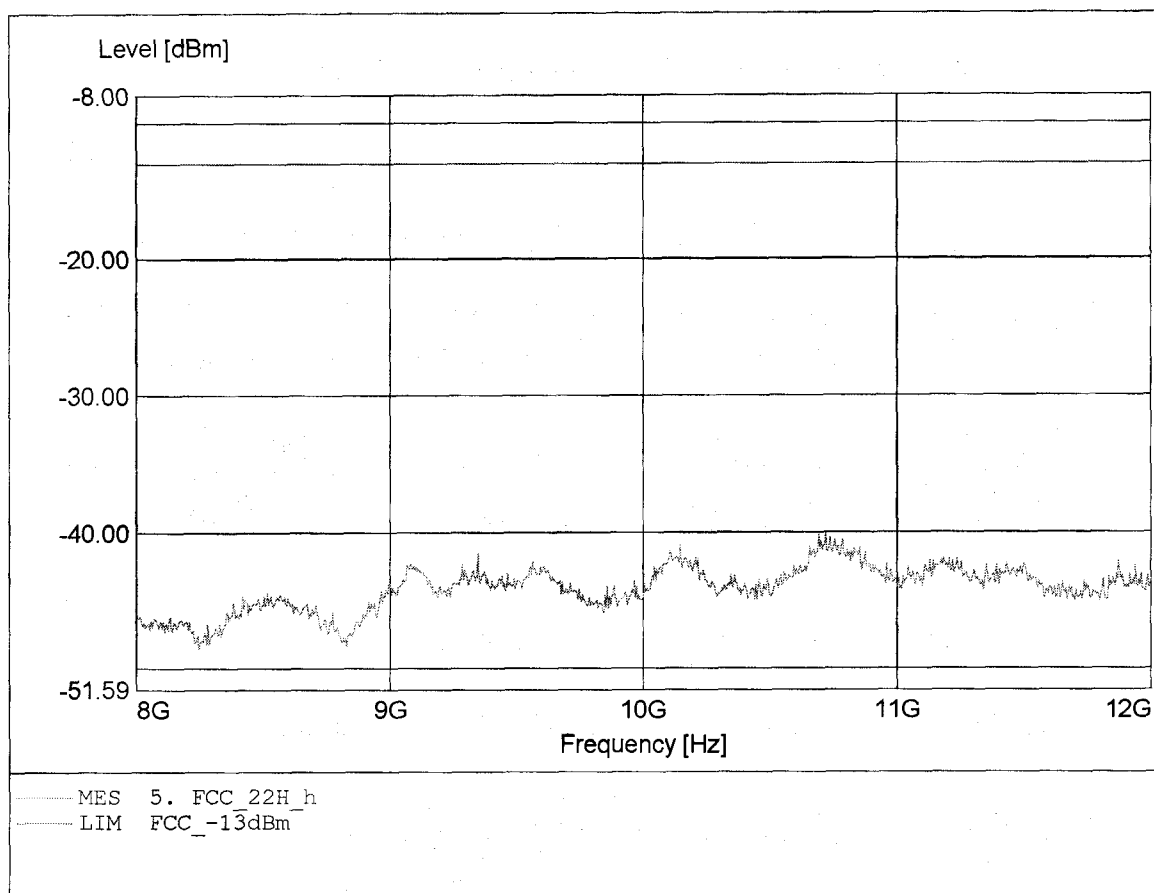
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.751GHz, Pmax: -41.20dBm, RBW: 1MHz



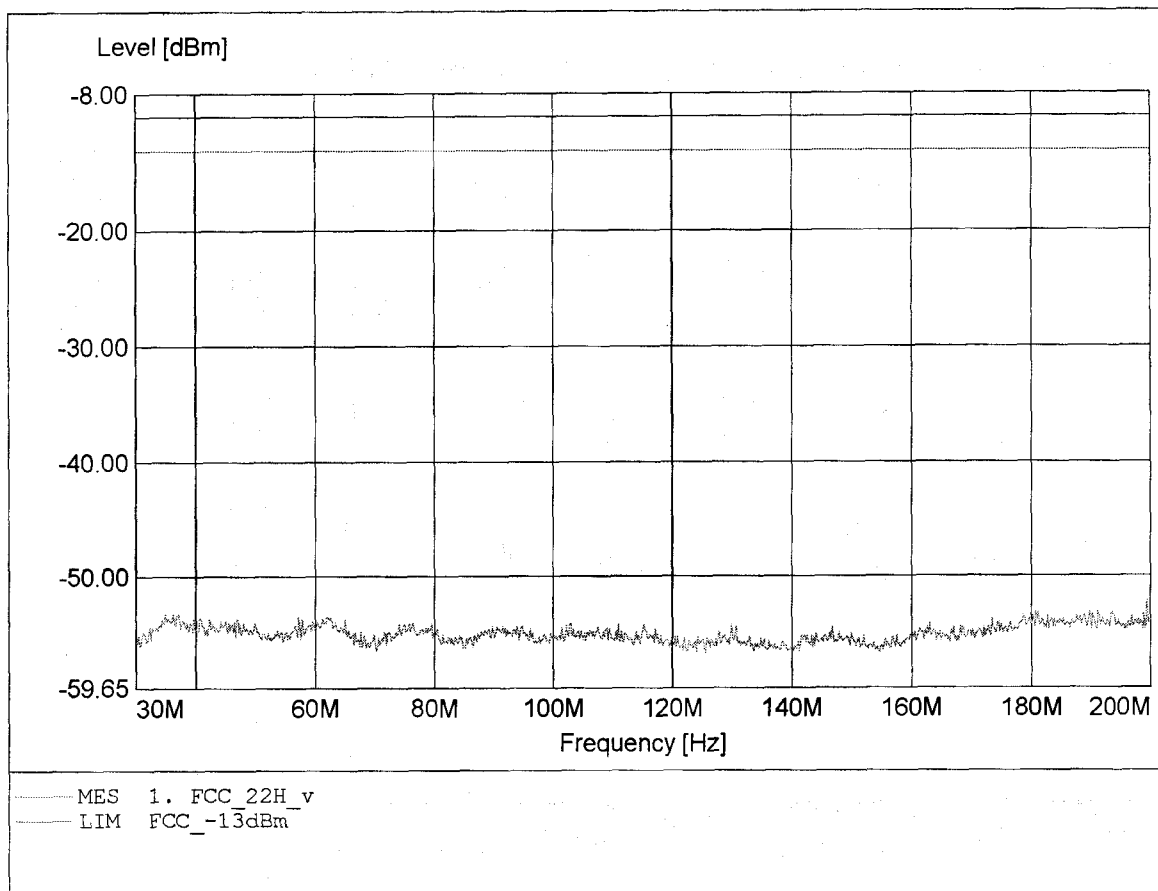
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 128
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.720GHz, Pmax: -40.08dBm, RBW: 1MHz



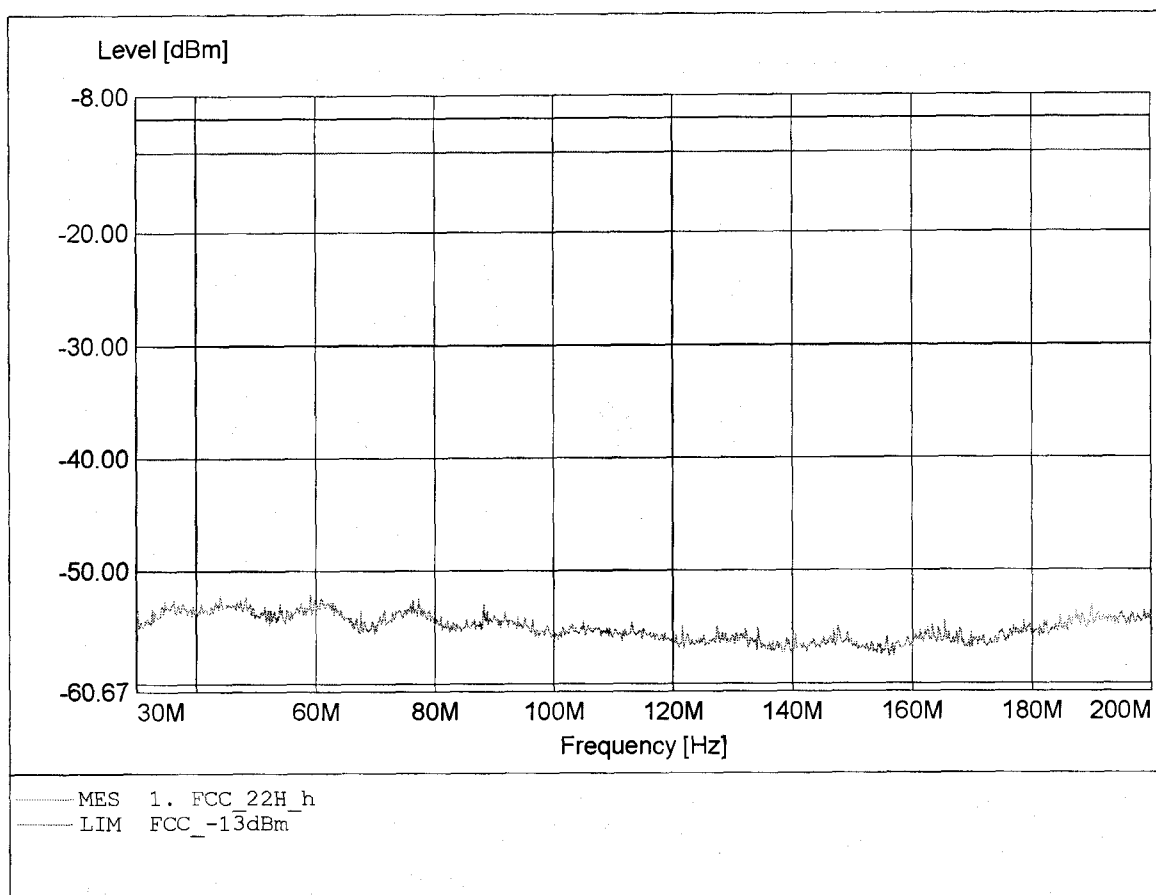
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 199.433MHz, Pmax: -52.07dBm, RBW: 1MHz



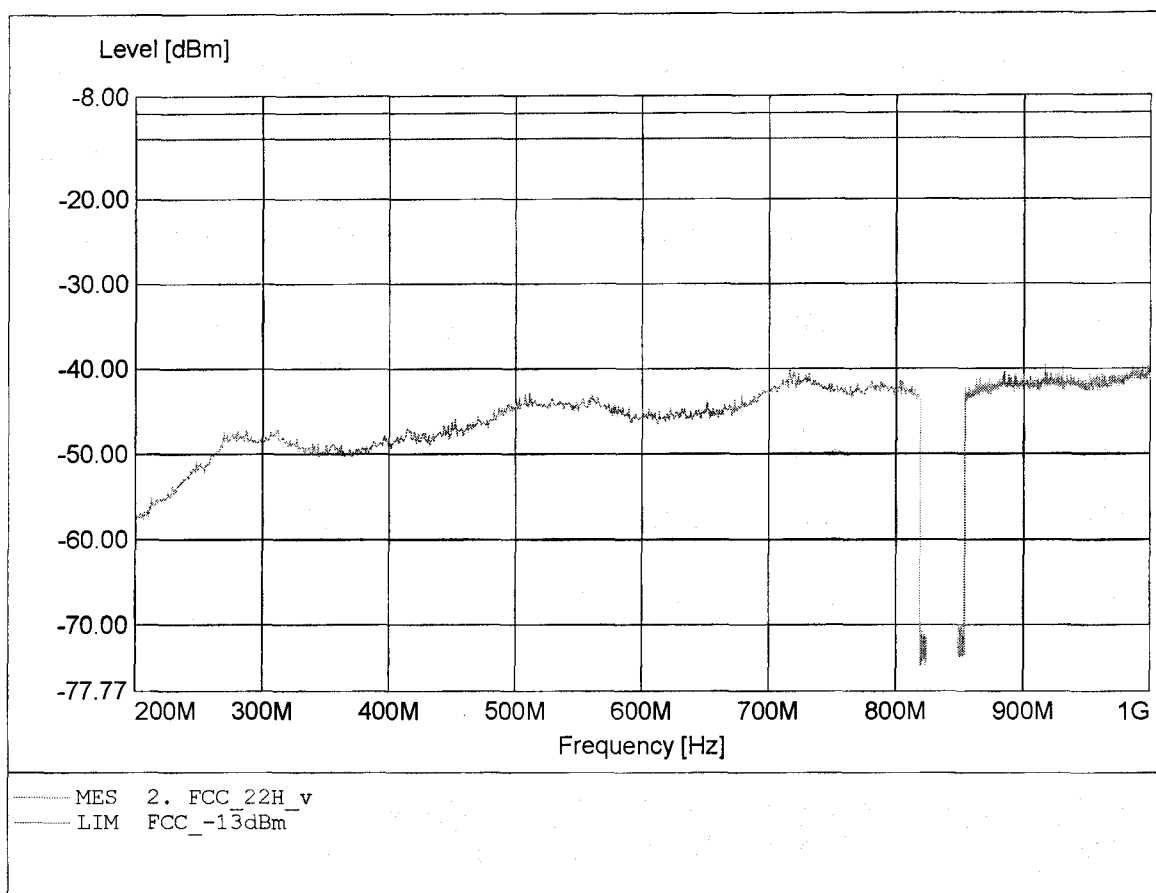
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 59.089MHz, Pmax: -52.05dBm, RBW: 1MHz



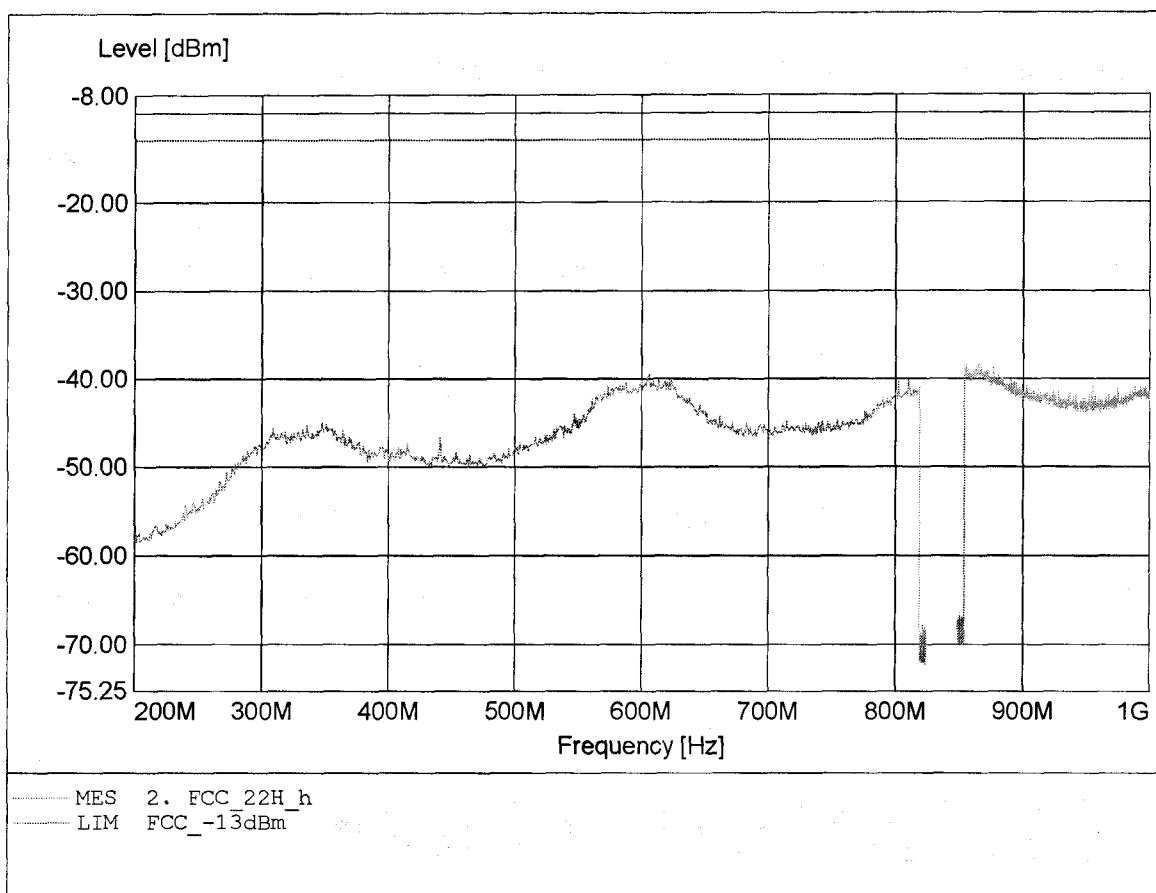
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 917.104MHz, Pmax: -39.50dBm, RBW: 1MHz



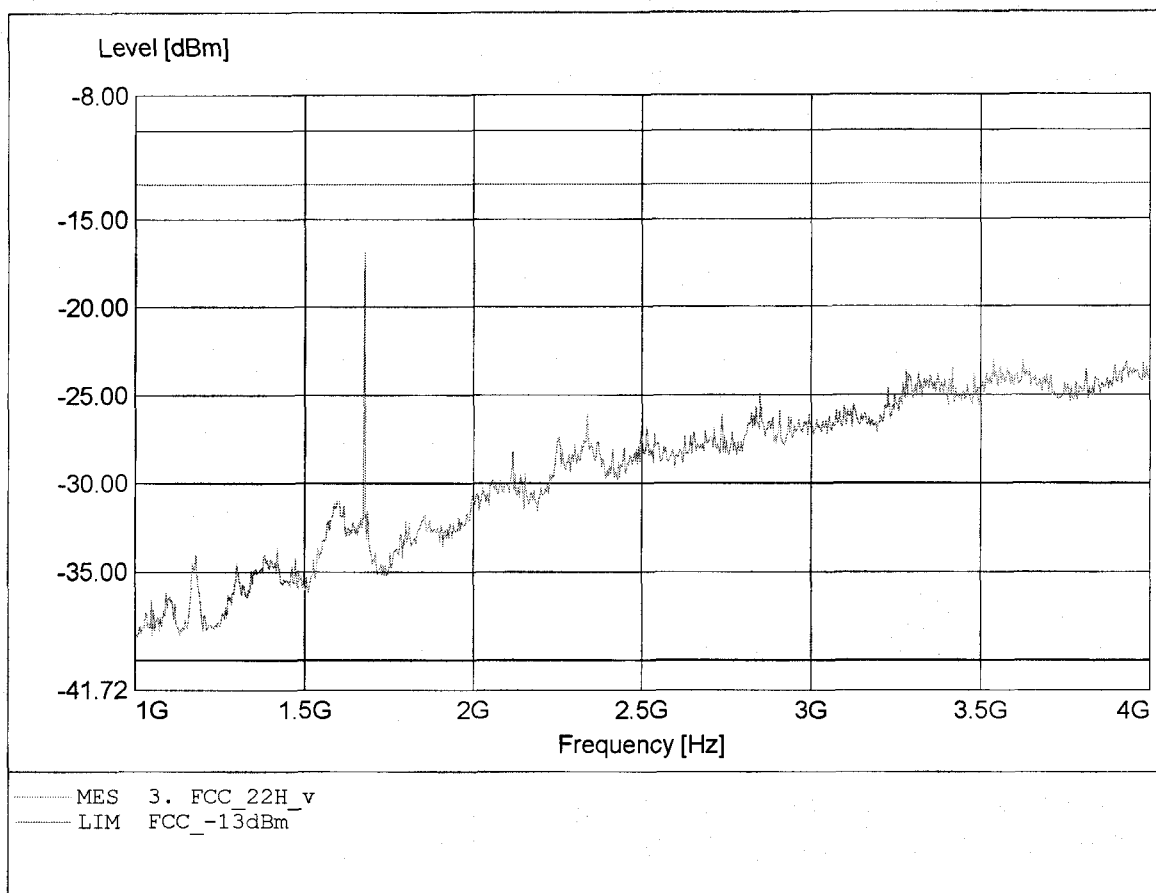
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 865.193MHz, Pmax: -38.23dBm, RBW: 1MHz



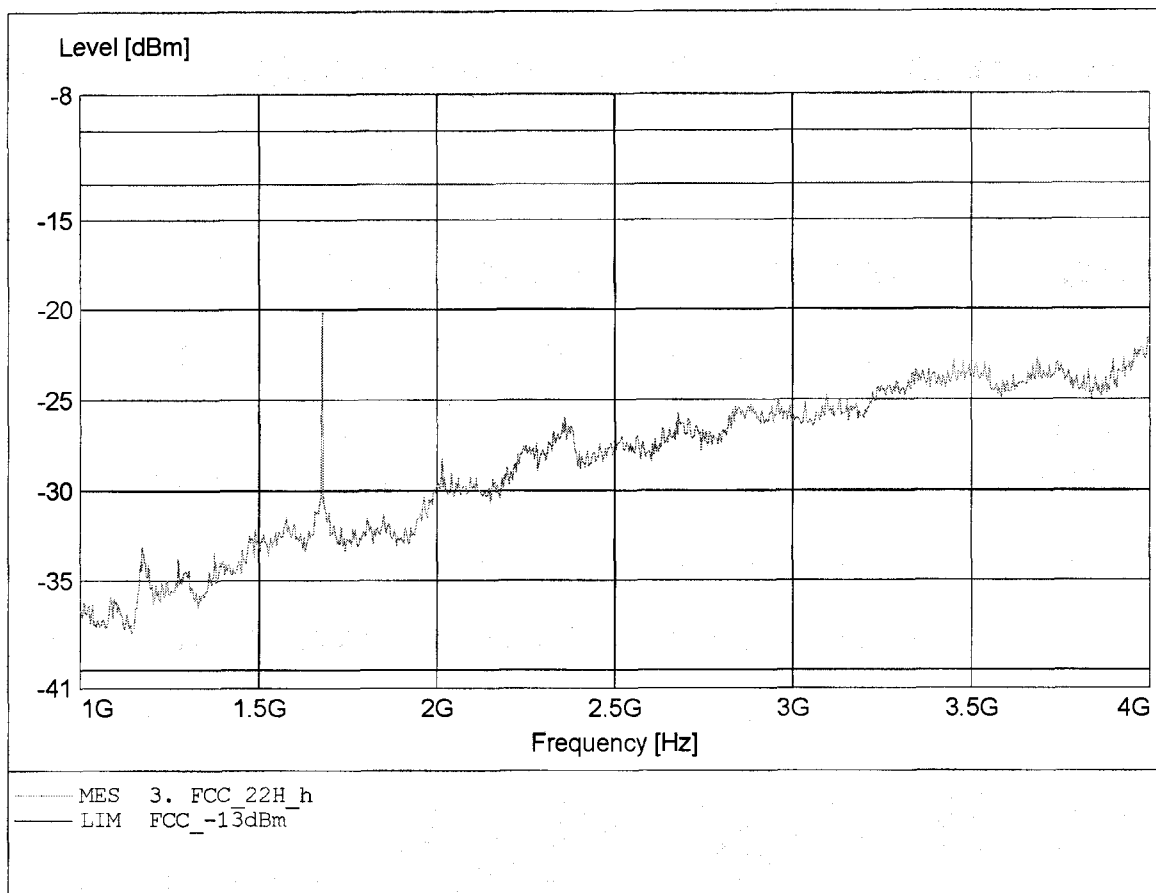
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -16.81dBm, RBW: 1MHz



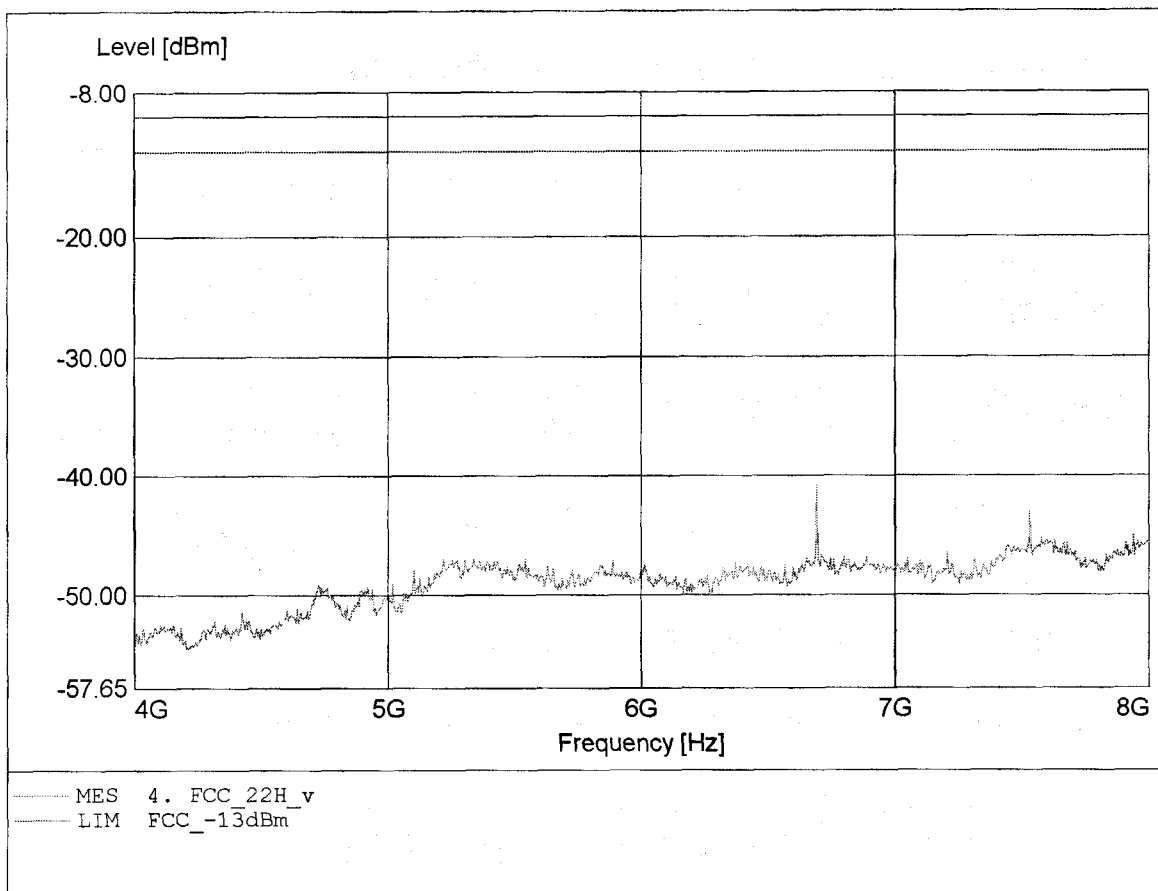
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.677GHz, Pmax: -20.20dBm, RBW: 1MHz



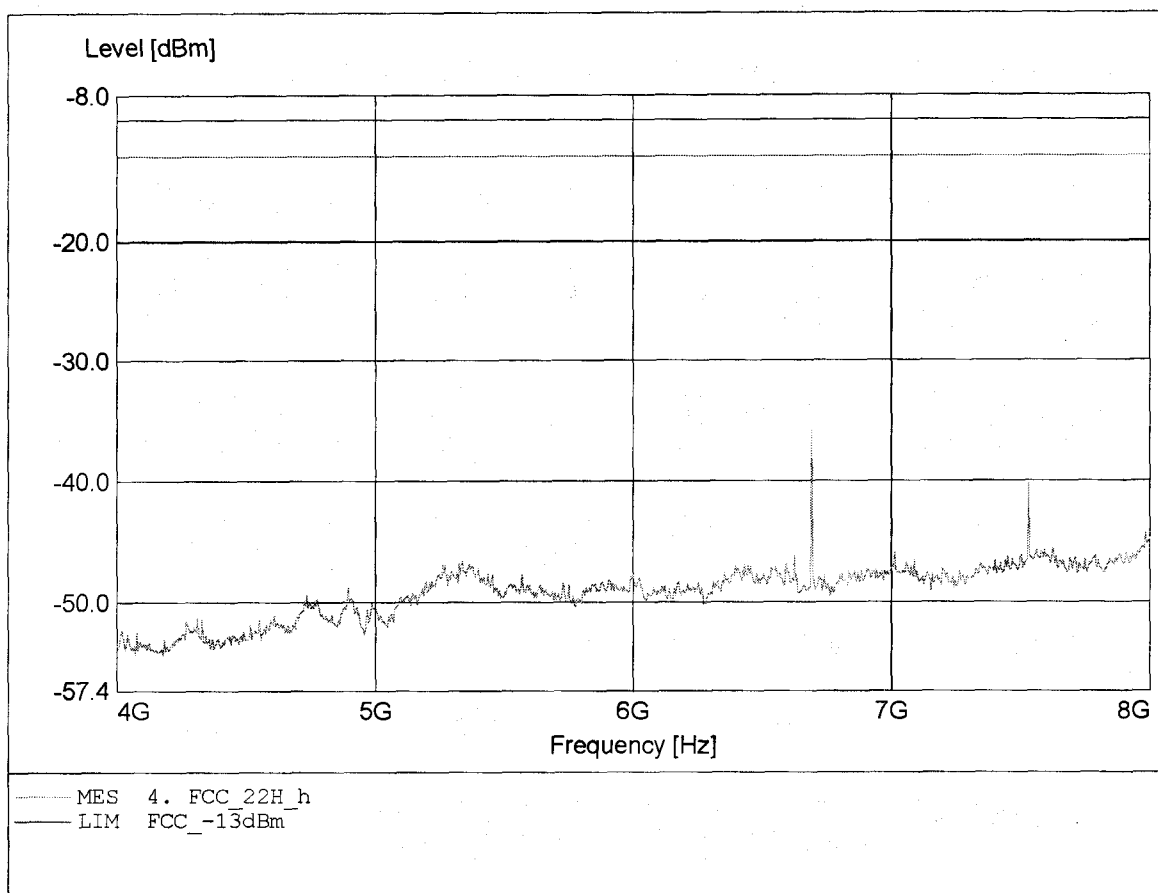
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.693GHz, Pmax: -40.69dBm, RBW: 1MHz



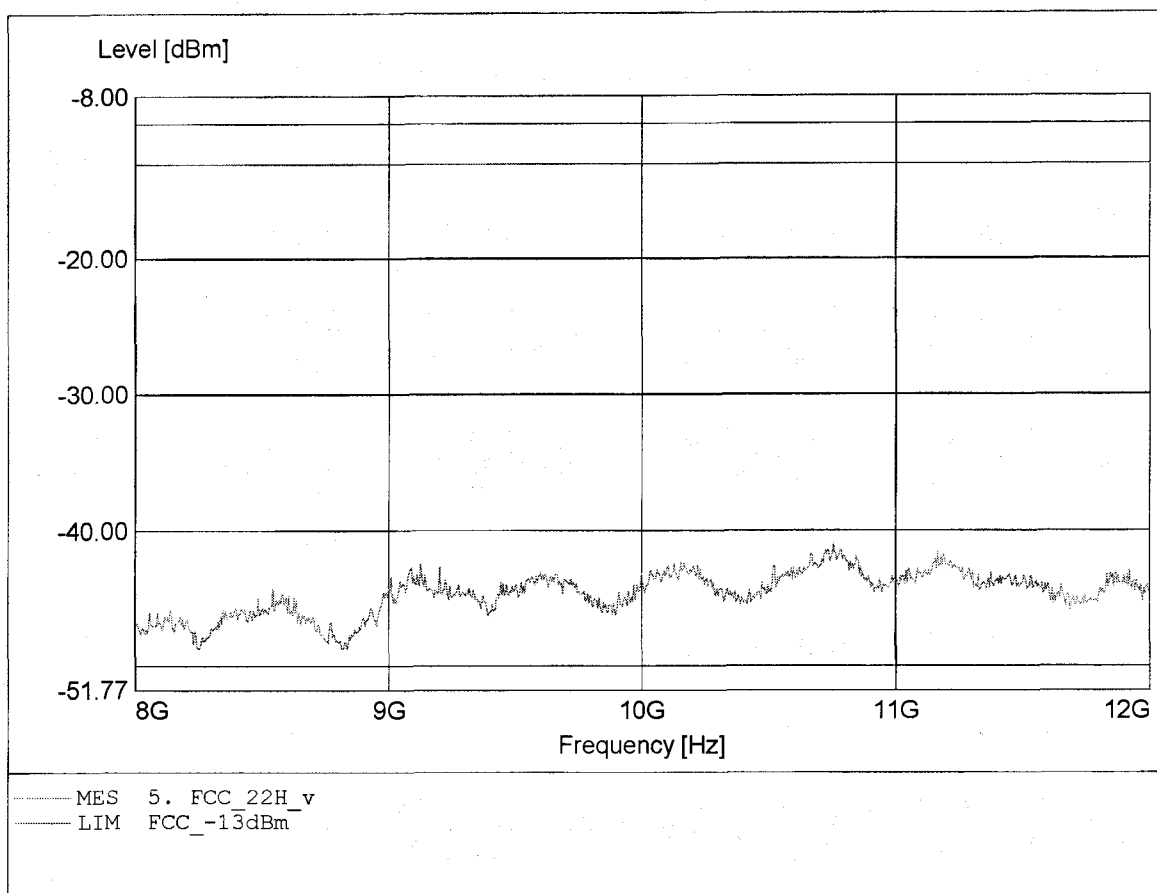
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.693GHz, Pmax: -35.87dBm, RBW: 1MHz



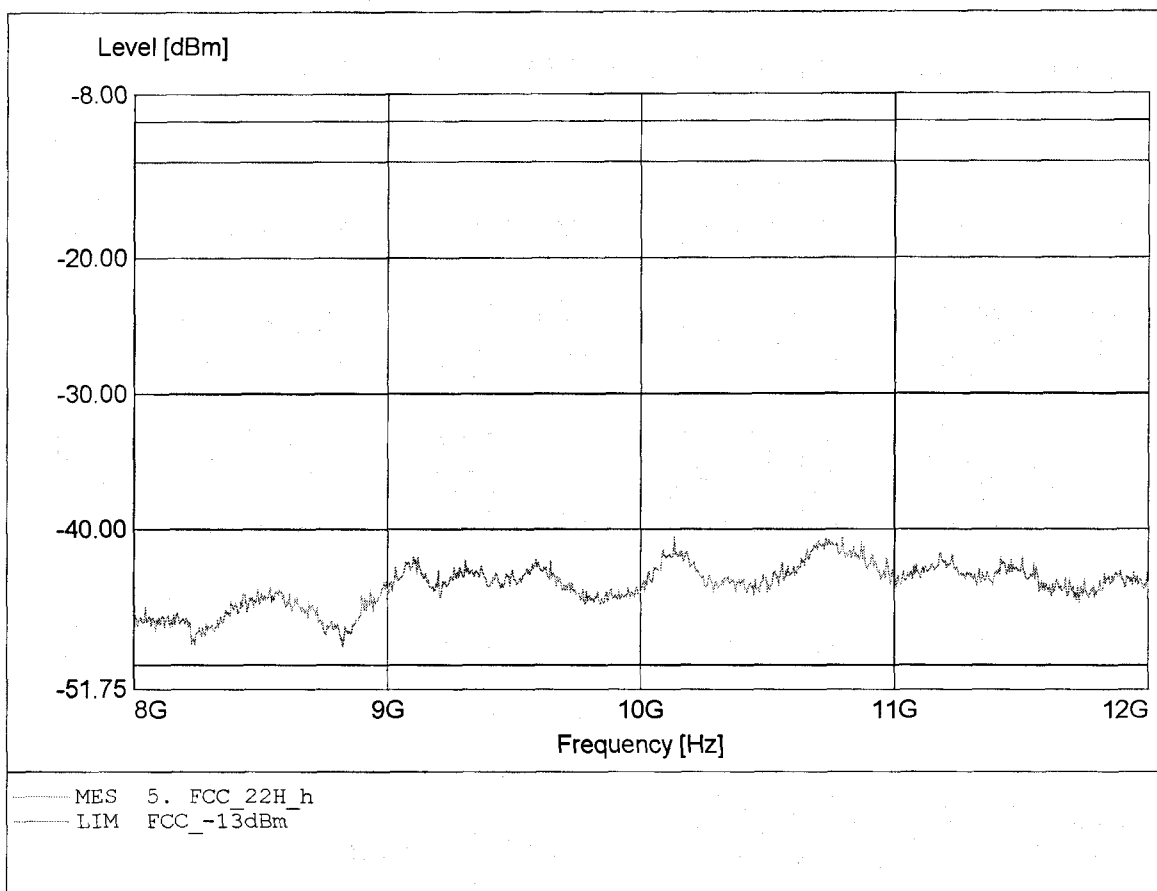
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.756GHz, Pmax: -40.92dBm, RBW: 1MHz



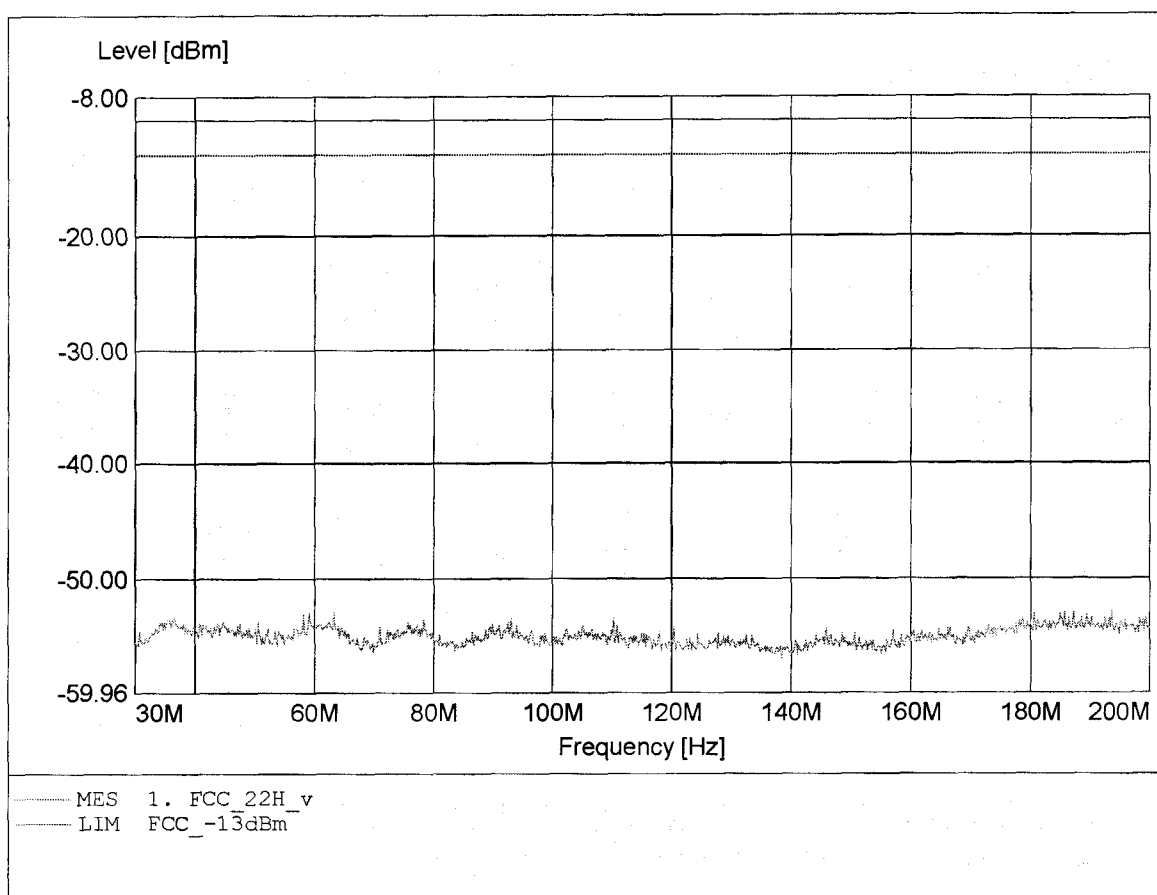
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 188
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.133GHz, Pmax: -40.57dBm, RBW: 1MHz



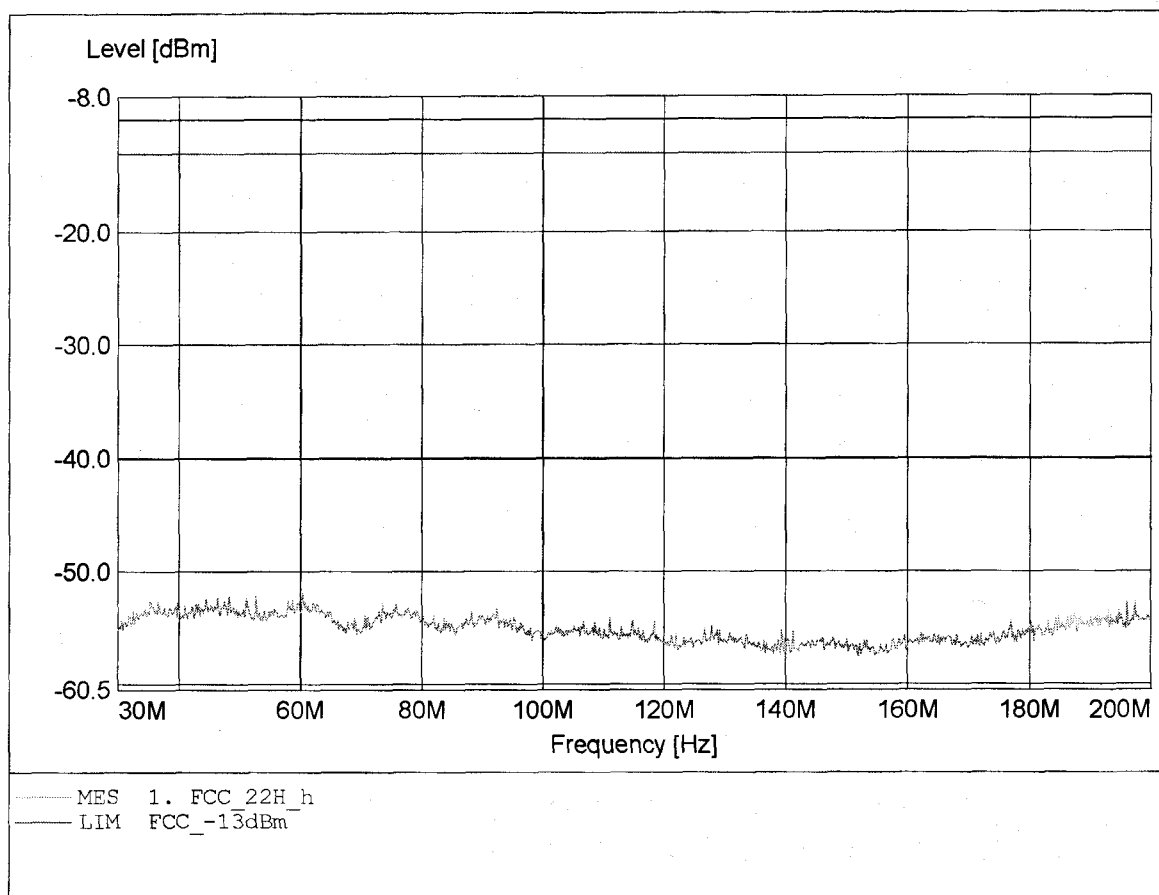
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 193.578MHz, Pmax: -52.81dBm, RBW: 1MHz



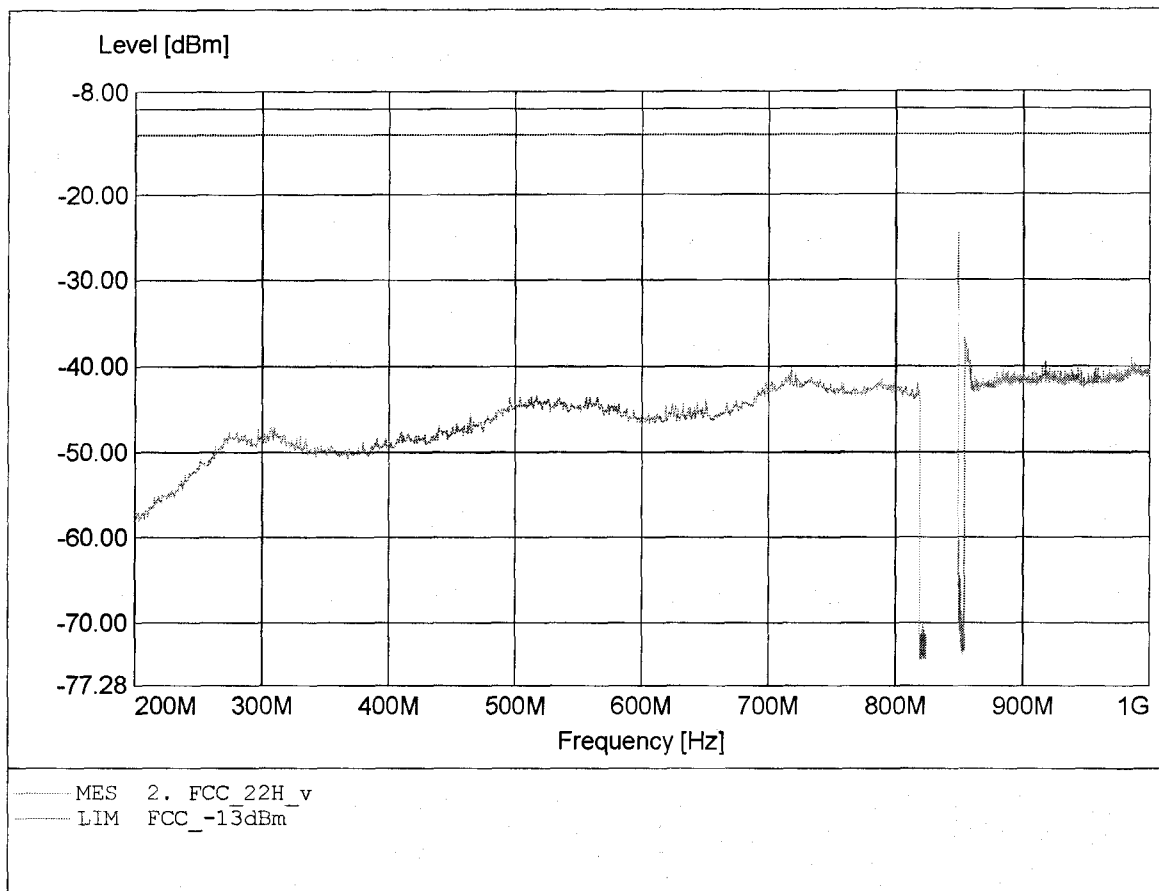
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 60.411MHz, Pmax: -51.93dBm, RBW: 1MHz



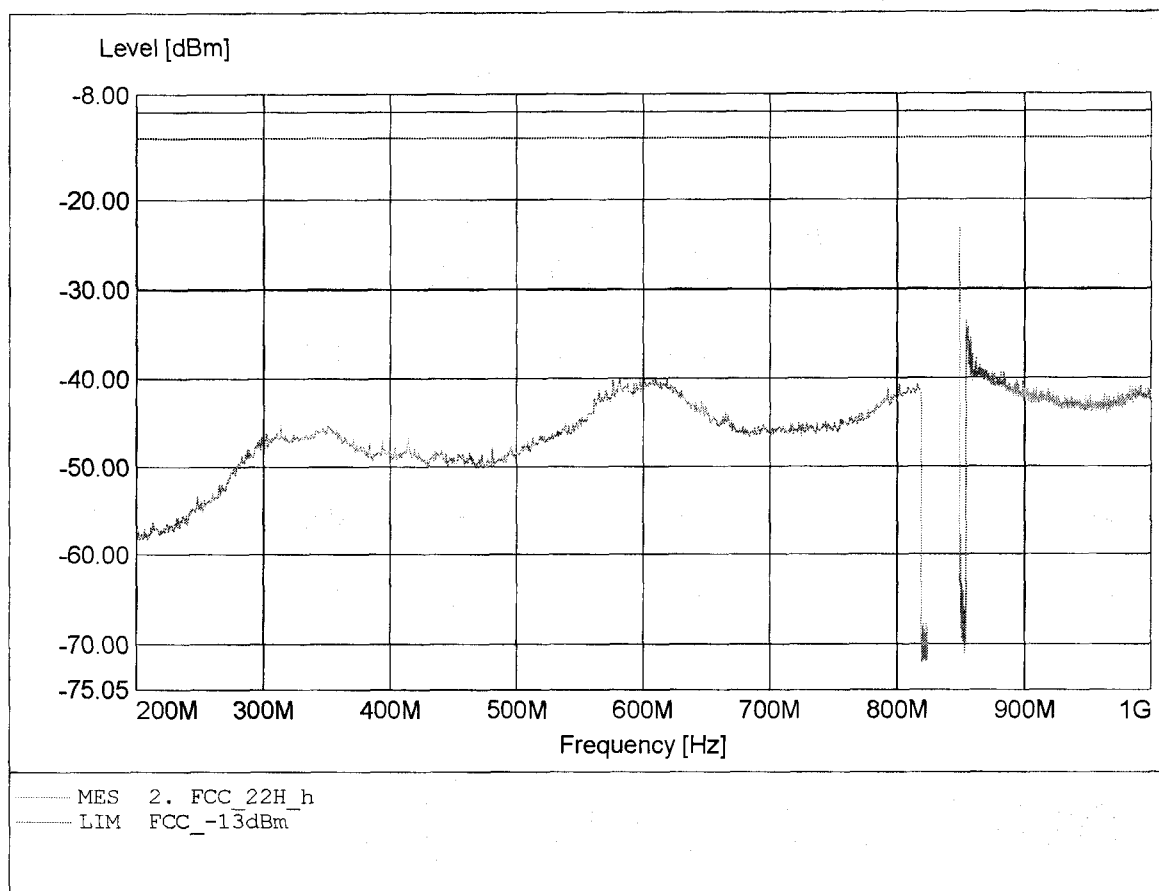
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.022MHz, Pmax: -24.59dBm, RBW: 1MHz



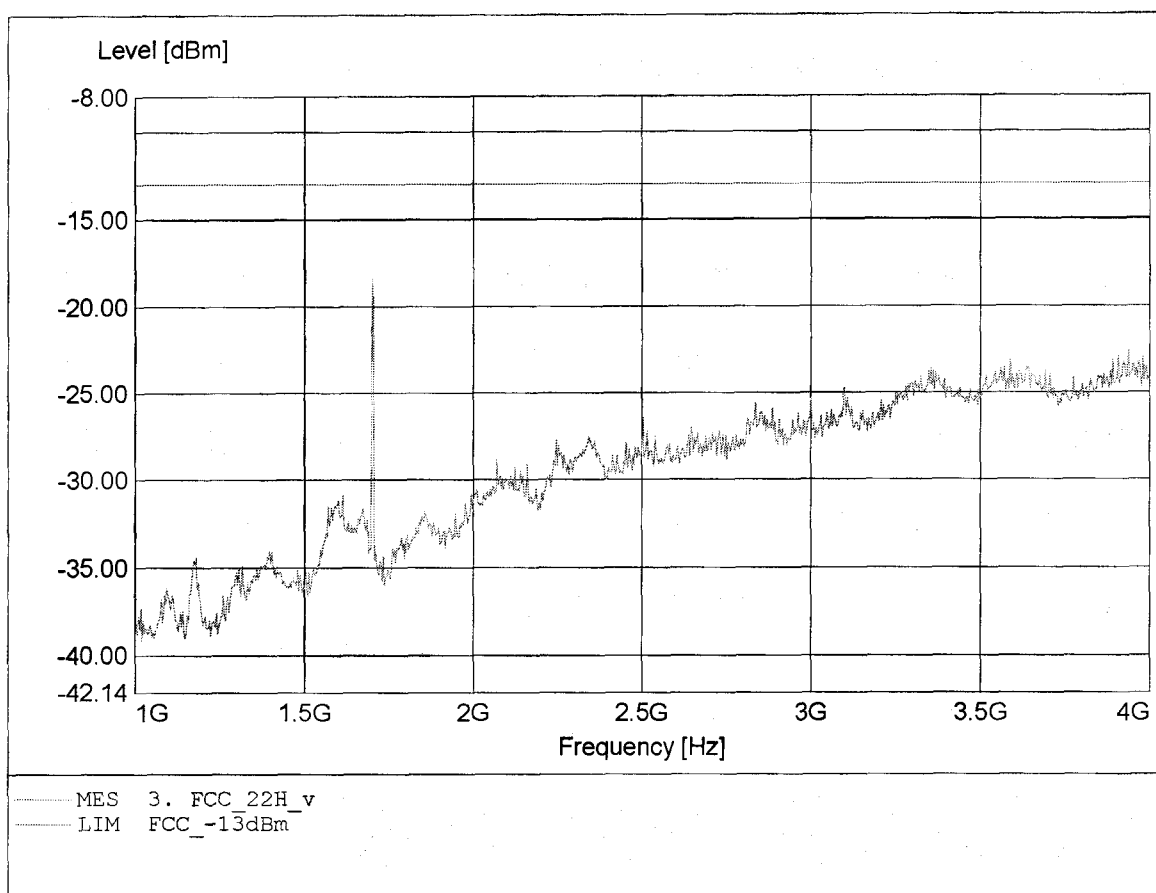
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.022MHz, Pmax: -23.26dBm, RBW: 1MHz



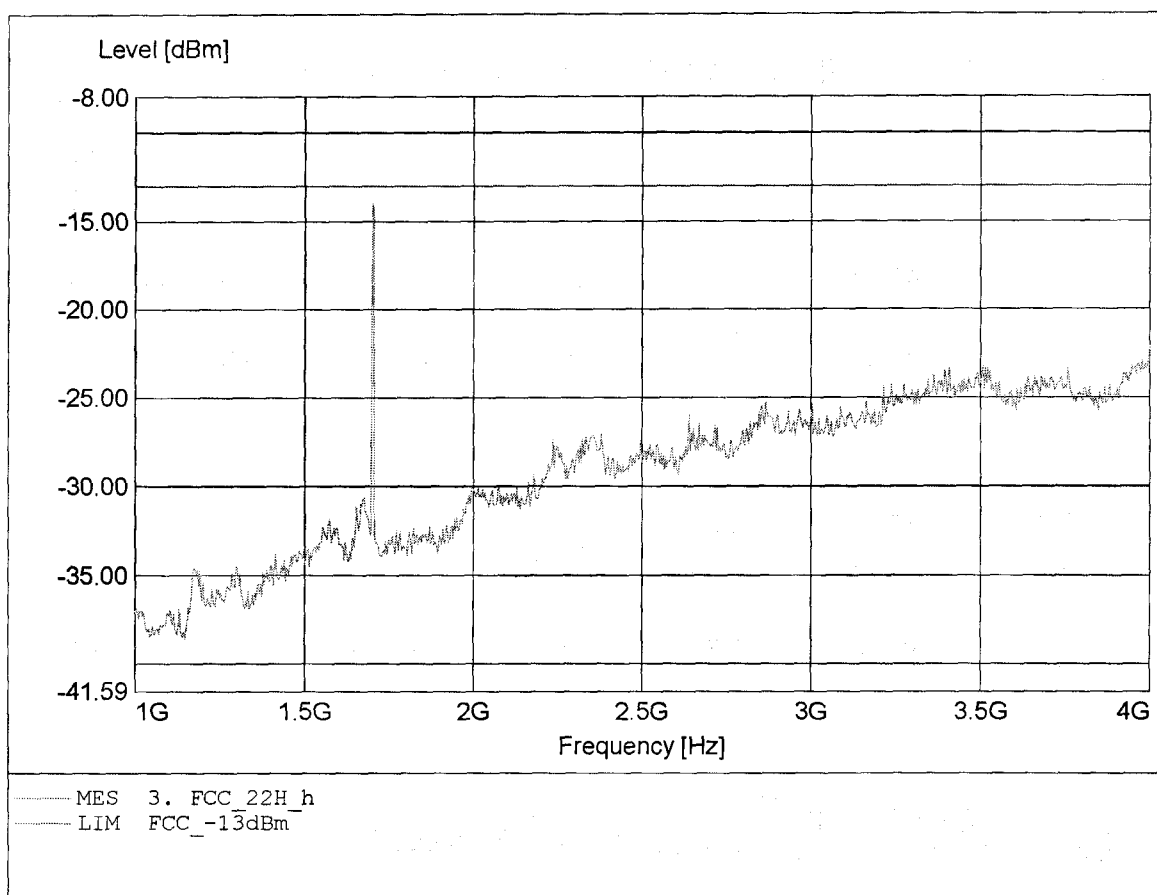
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.700GHz, Pmax: -18.37dBm, RBW: 1MHz



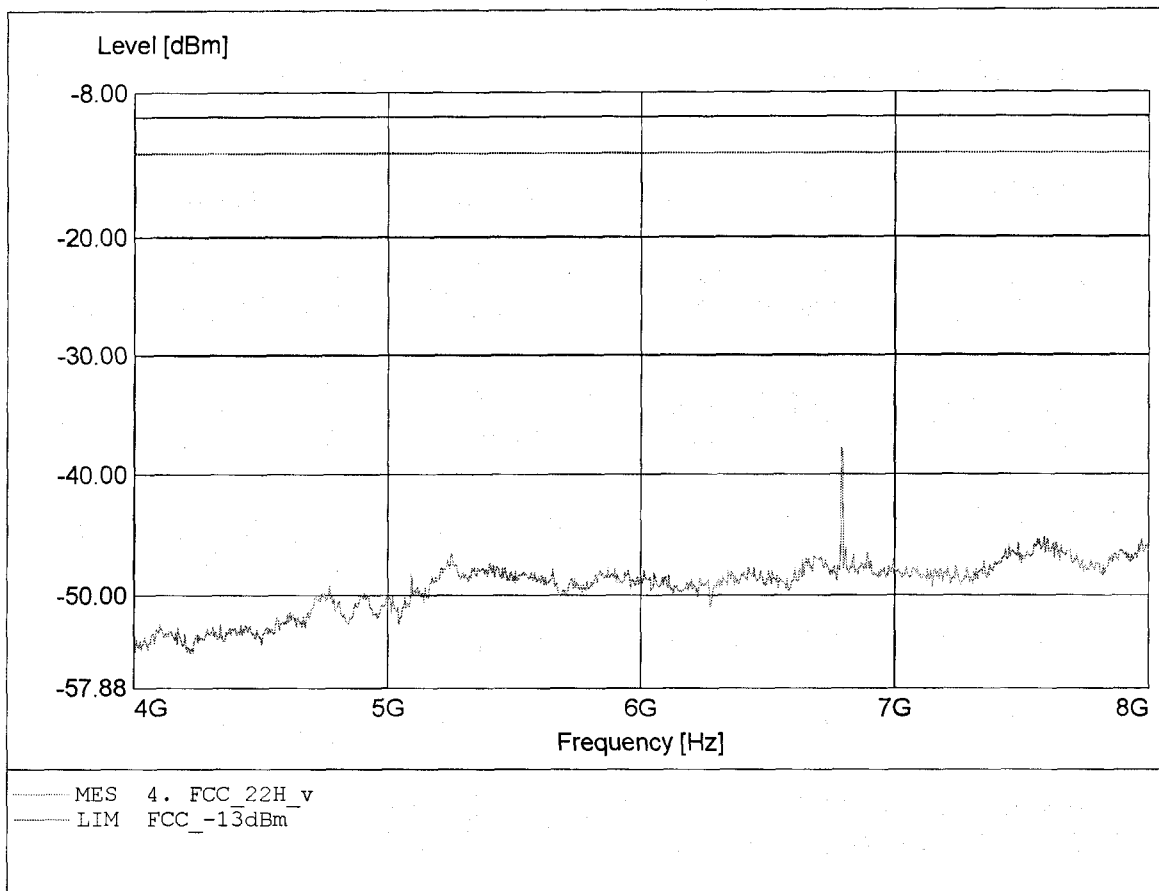
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.700GHz, Pmax: -14.01dBm, RBW: 1MHz



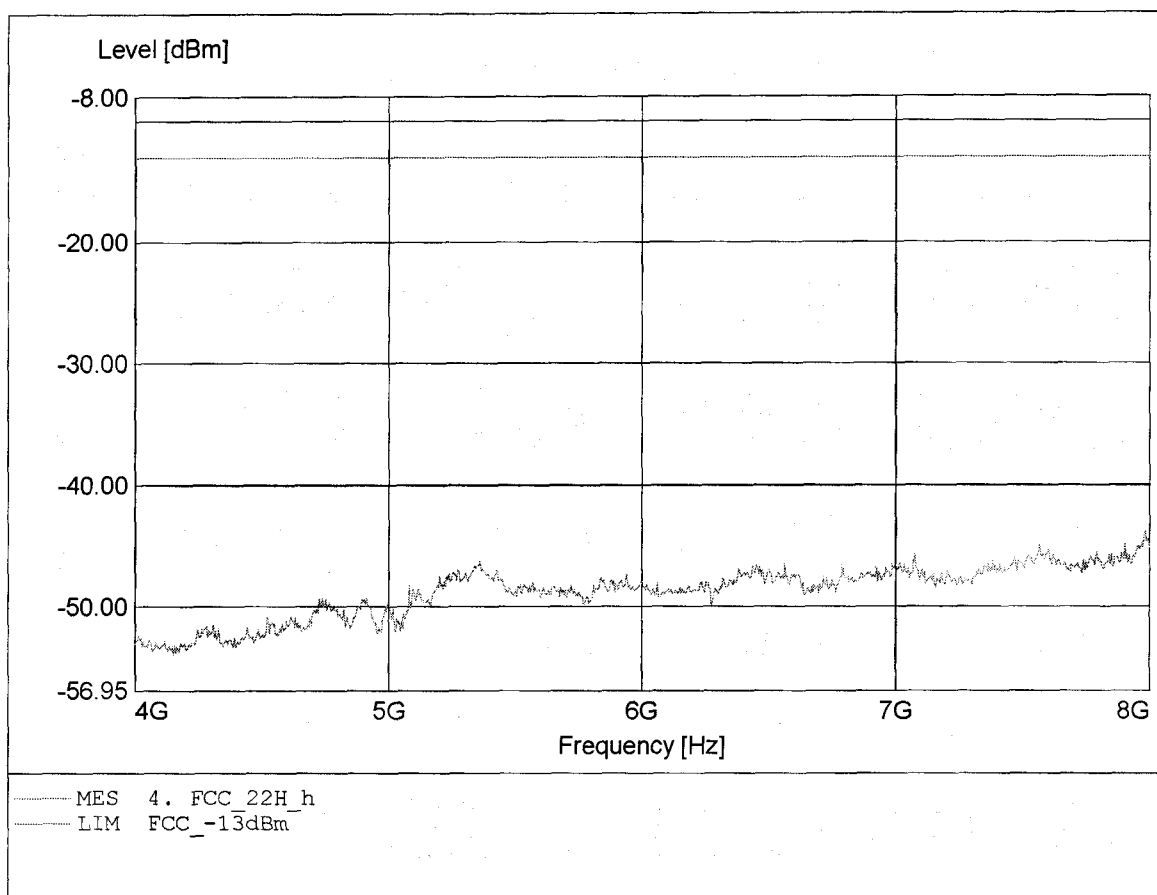
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.791GHz, Pmax: -37.80dBm, RBW: 1MHz



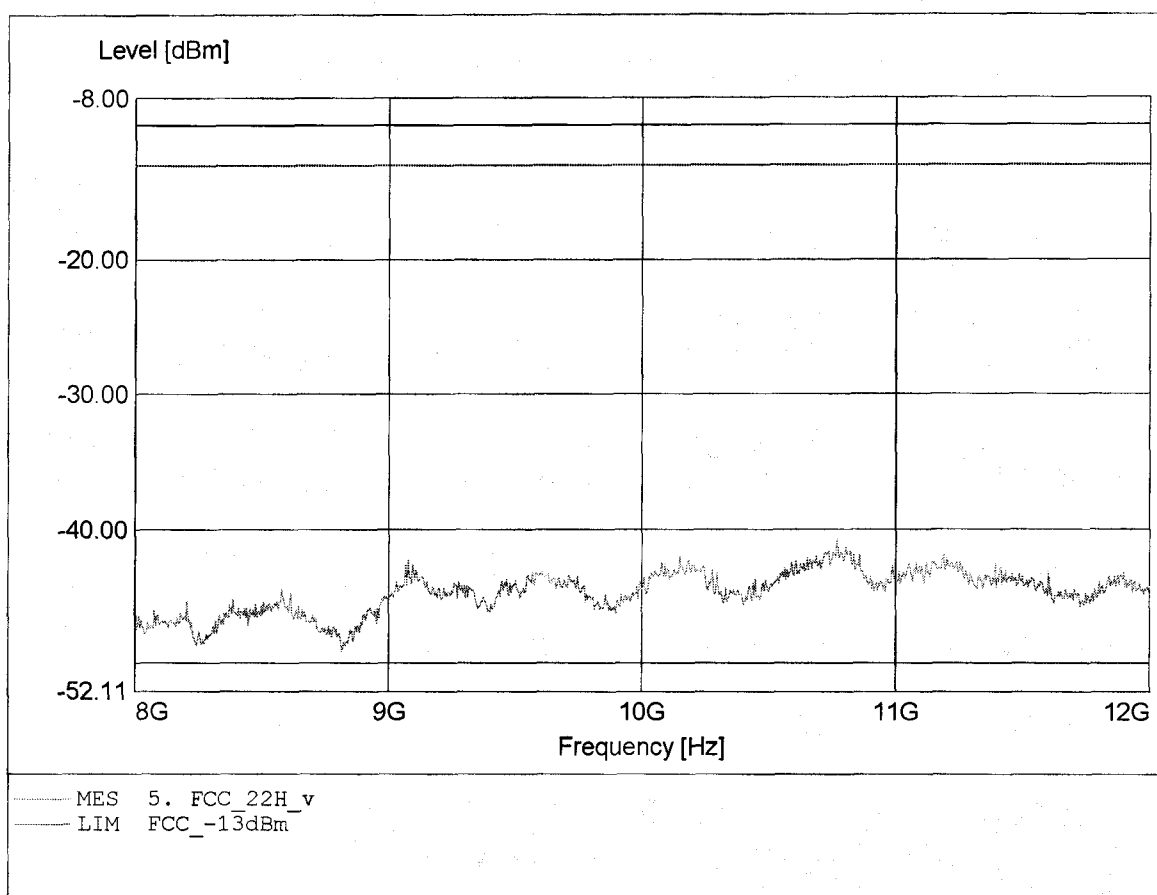
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.982GHz, Pmax: -43.77dBm, RBW: 1MHz



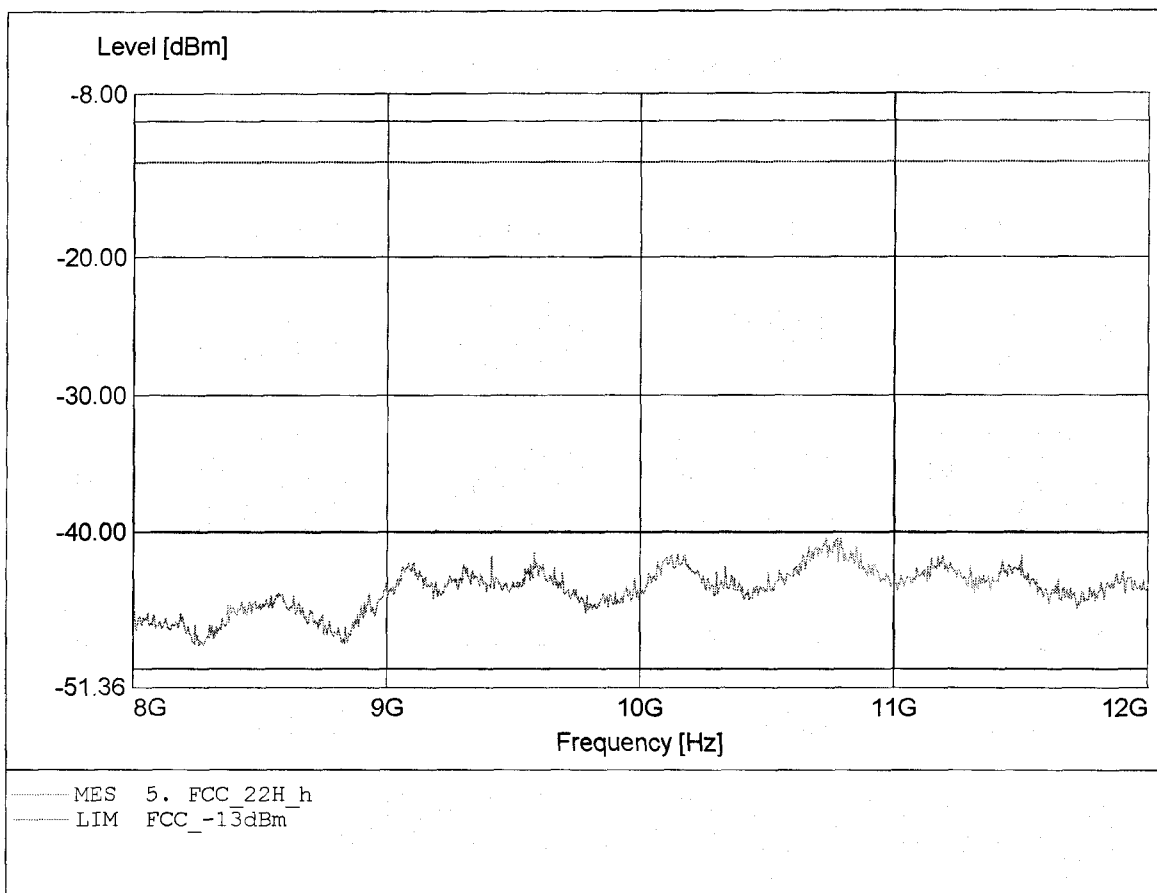
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.769GHz, Pmax: -40.73dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Pantech CO., LTD.
EUT : Triple Band GSM850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel : PG-C120 / 251
Temperature/ Voltage: Temp.: 23°C / Unom.: 4,2 V DC
Test Site / Operator: ETS / Mr. Walter
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.733GHz, Pmax: -40.43dBm, RBW: 1MHz

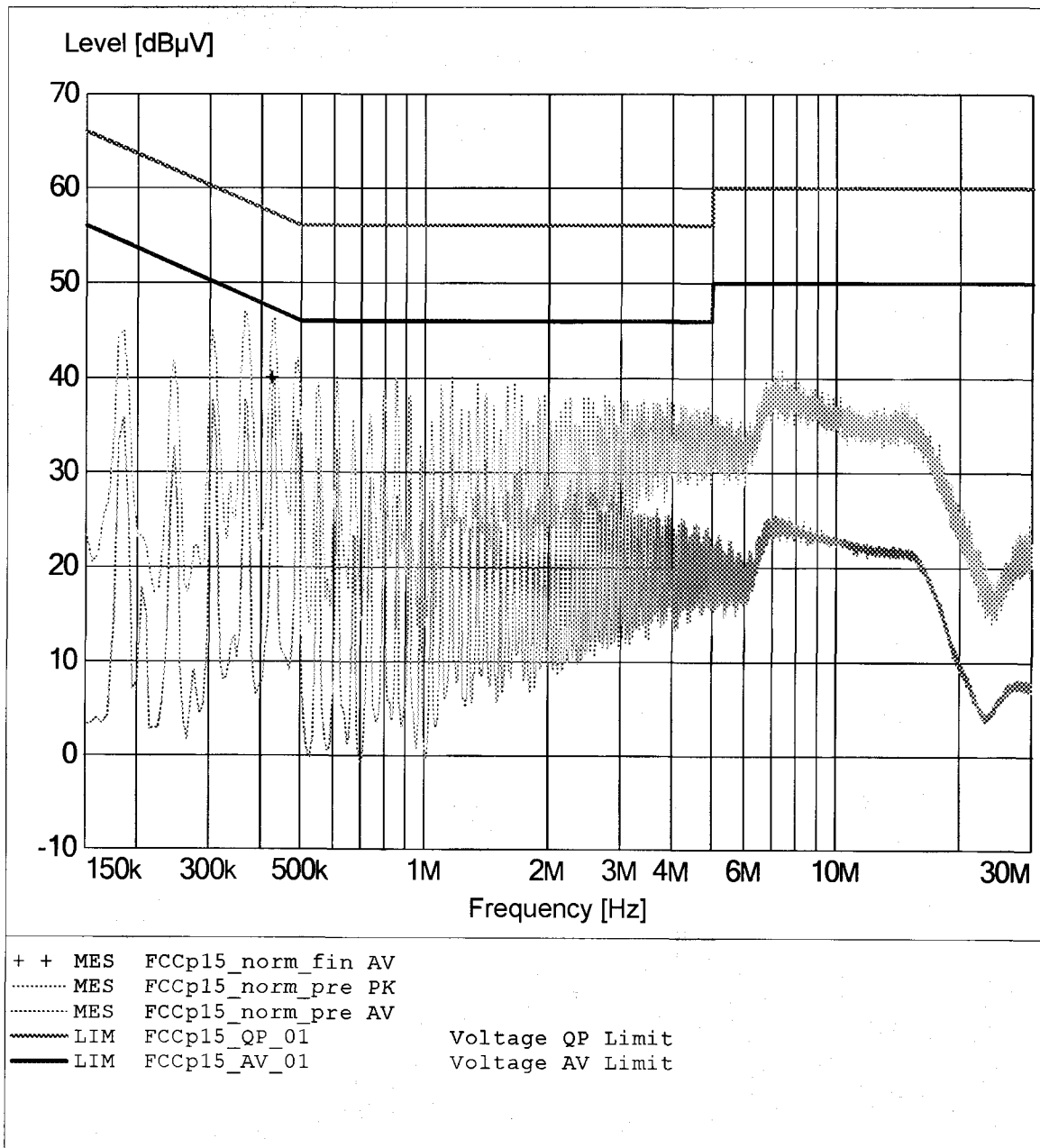


Appendix J

Line Conducted Emissions

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

EUT: TRIPLE BAND GSM 850/DCS1800/PCS1900 (WITH WAP&GPRS)
 Manufacturer: PANTECH CO., LTD.
 Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Marquardt
 Test Specification: V-Network: ESH2-Z5 (L1)
 Comment: model: PG-C120 mode: GSM LINK
 ADAPTOR: 5265C2-EU



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

EUT: TRIPLE BAND GSM 850/DCS1800/PCS1900 (WITH WAP&GPRS)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: PG-C120 mode: GSM LINK
ADAPTOR: 5265C2-EU

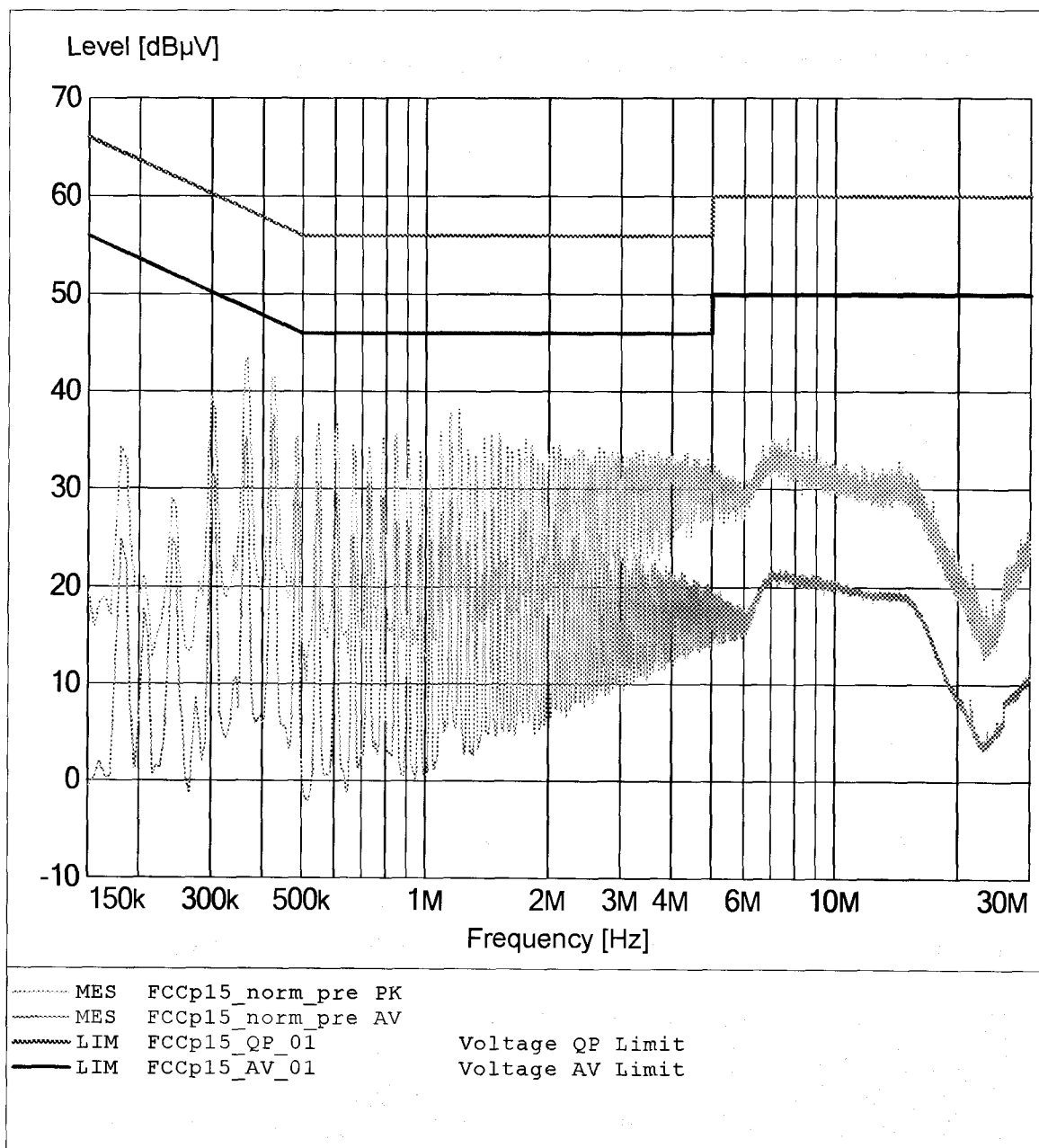
MEASUREMENT RESULT: "FCCp15_norm_fin AV"

27.01.2006 15:16

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.425000	40.00	10.0	47	7.3	---	---

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

EUT: TRIPLE BAND GSM 850/DCS1800/PCS1900 (WITH WAP&GPRS)
Manufacturer: PANTECH CO., LTD.
Operating Condition: Unom: 120 V AC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PG-C120 mode: GSM LINK
ADAPTOR: 5265C2-EU



Appendix K

Frequency Stability vs. Temperature

No diagrams
Refer to point 13.2

Appendix L

Frequency Stability vs. Voltage

No diagrams
Refer to point 14.2