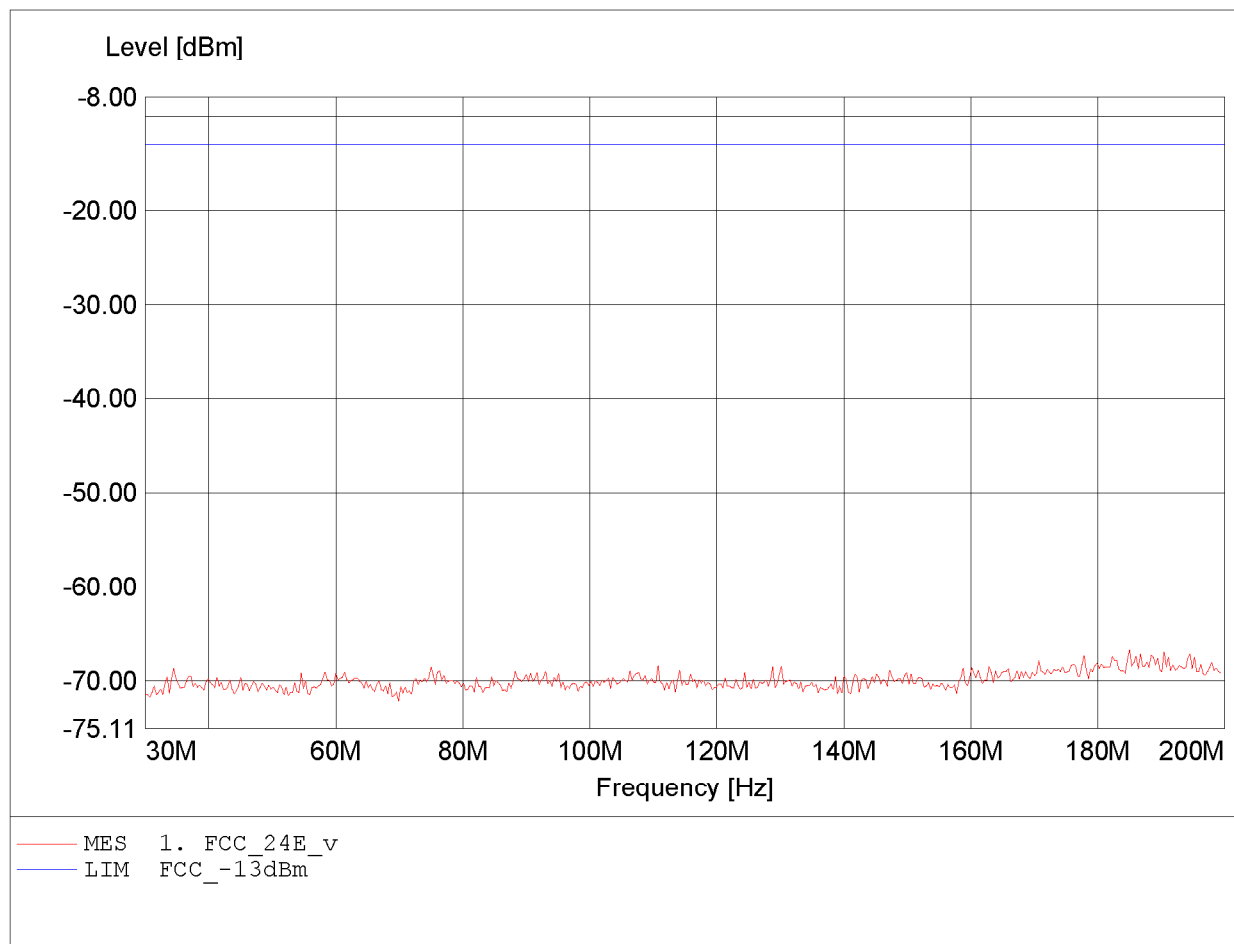


Appendix G

Spurious emission radiated

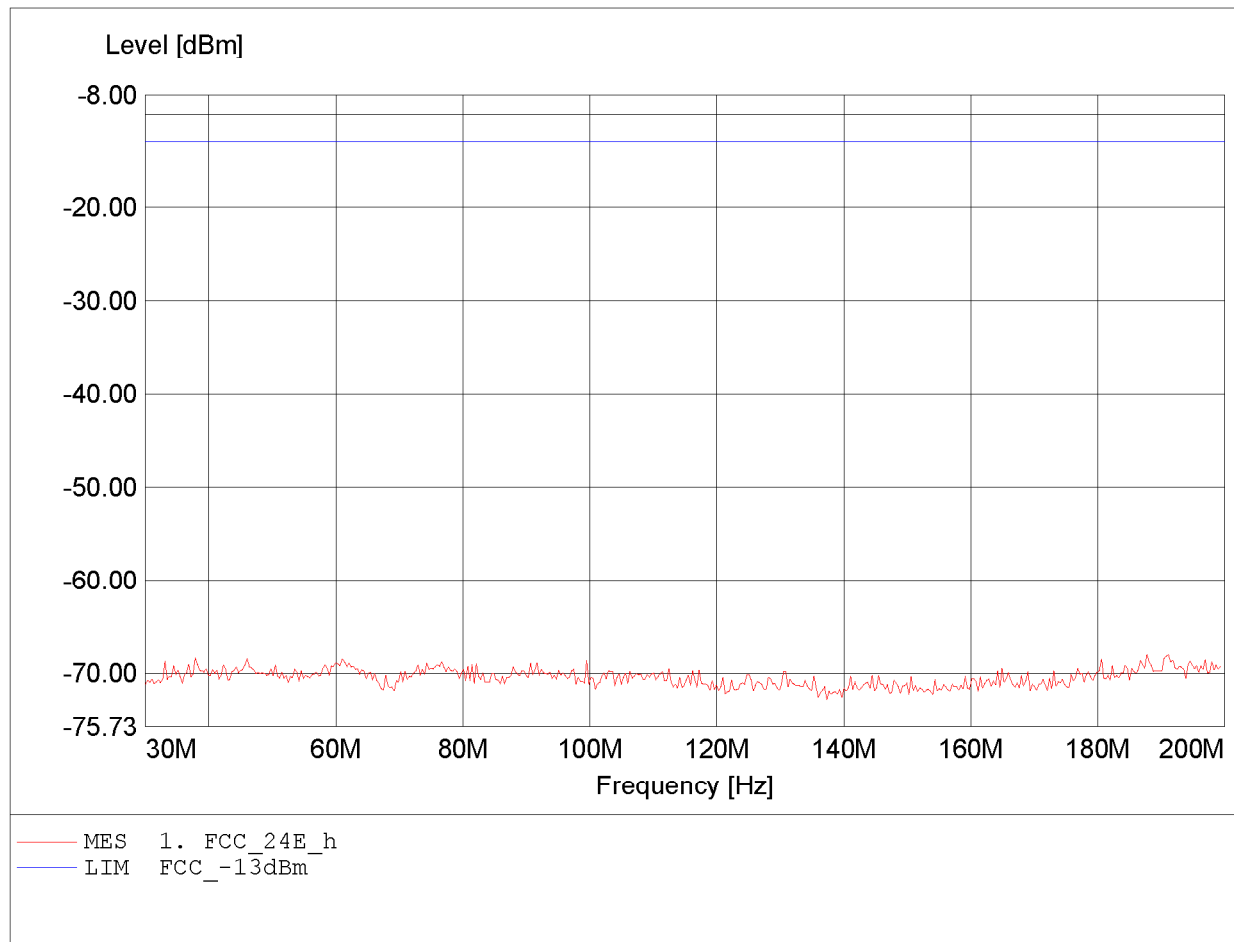
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 185.010MHz, Pmax: -66.63dBm, RBW: 100kHz



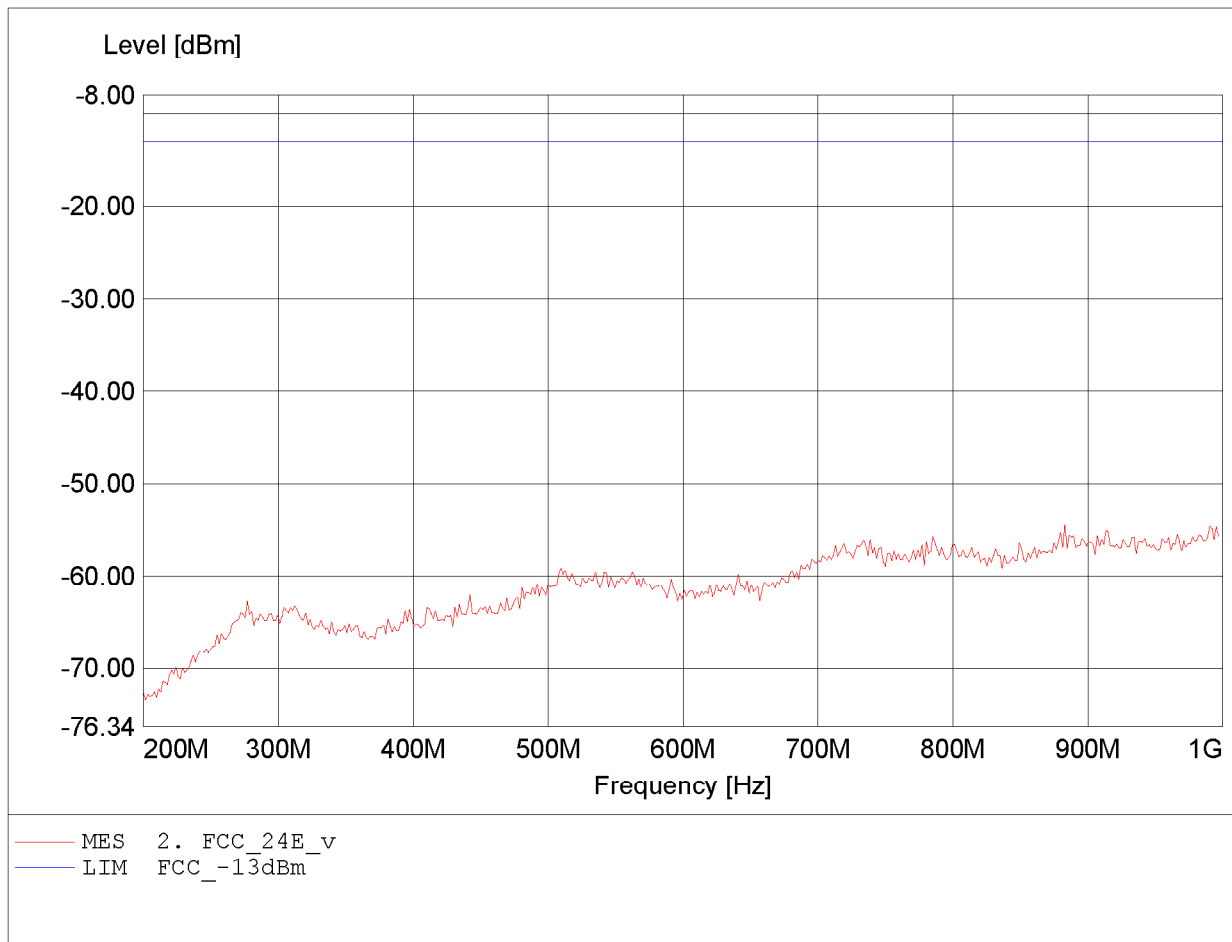
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 187.735MHz, Pmax: -68.02dBm, RBW: 100kHz



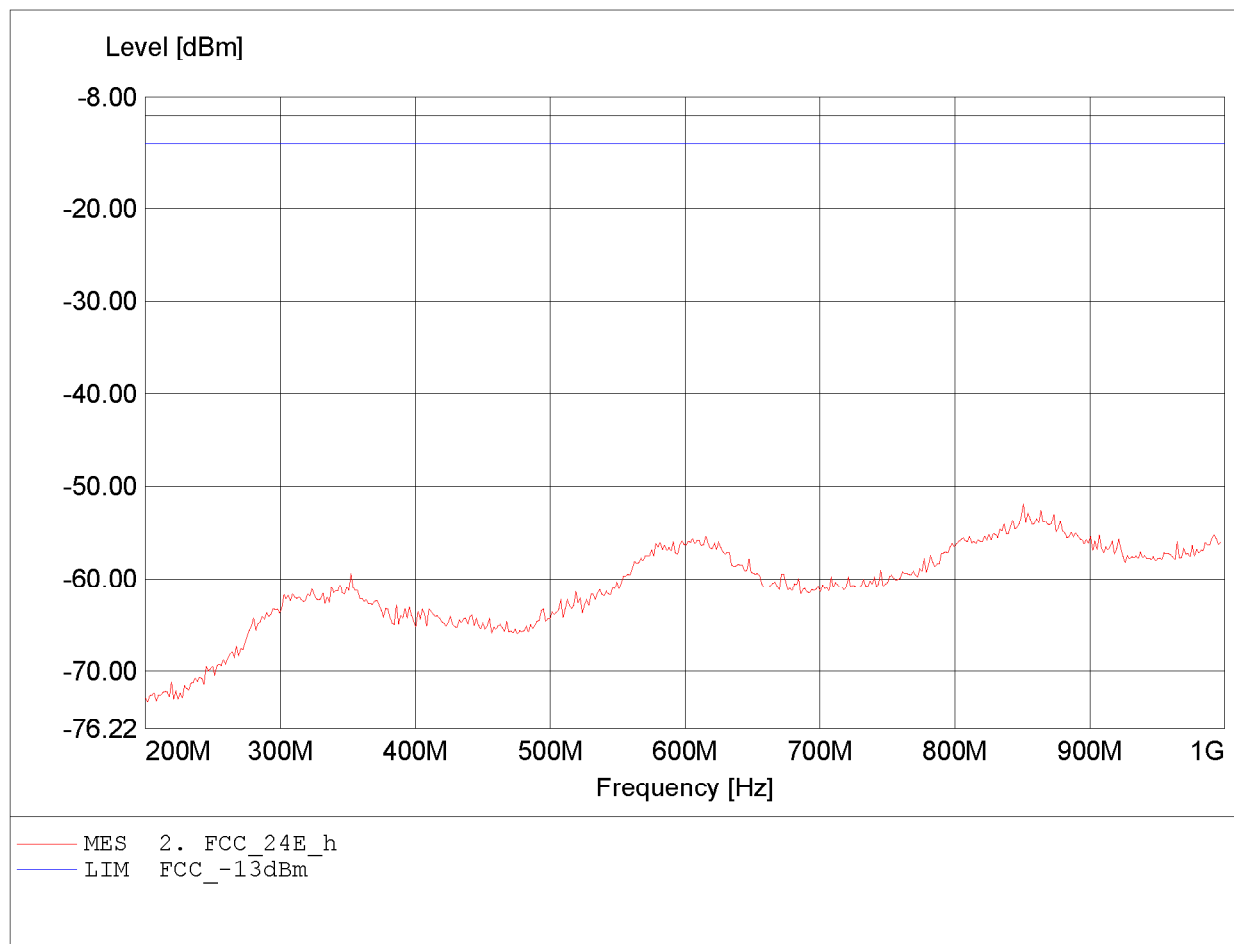
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 882.966MHz, Pmax: -54.51dBm, RBW: 100kHz



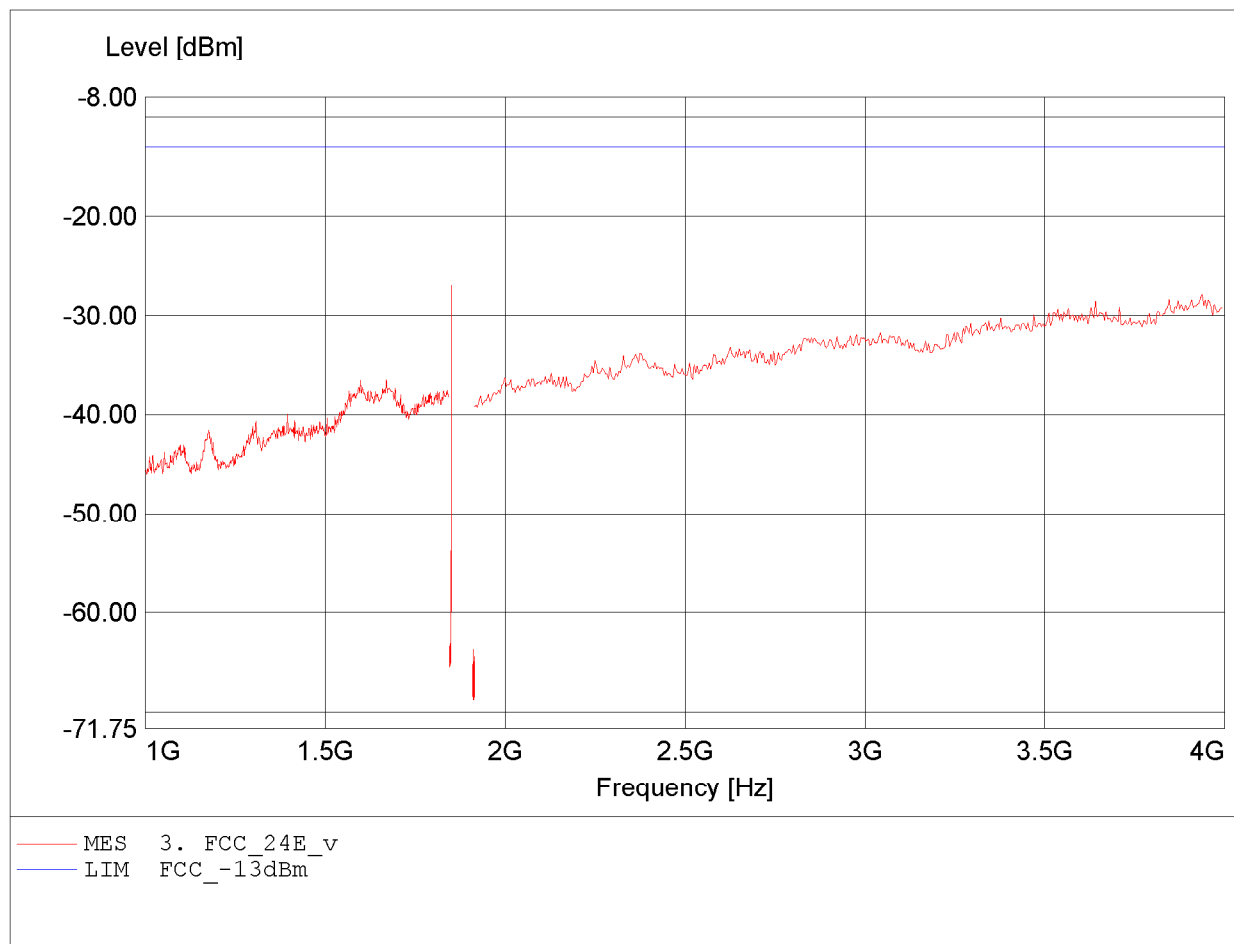
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 850.902MHz, Pmax: -51.87dBm, RBW: 100kHz



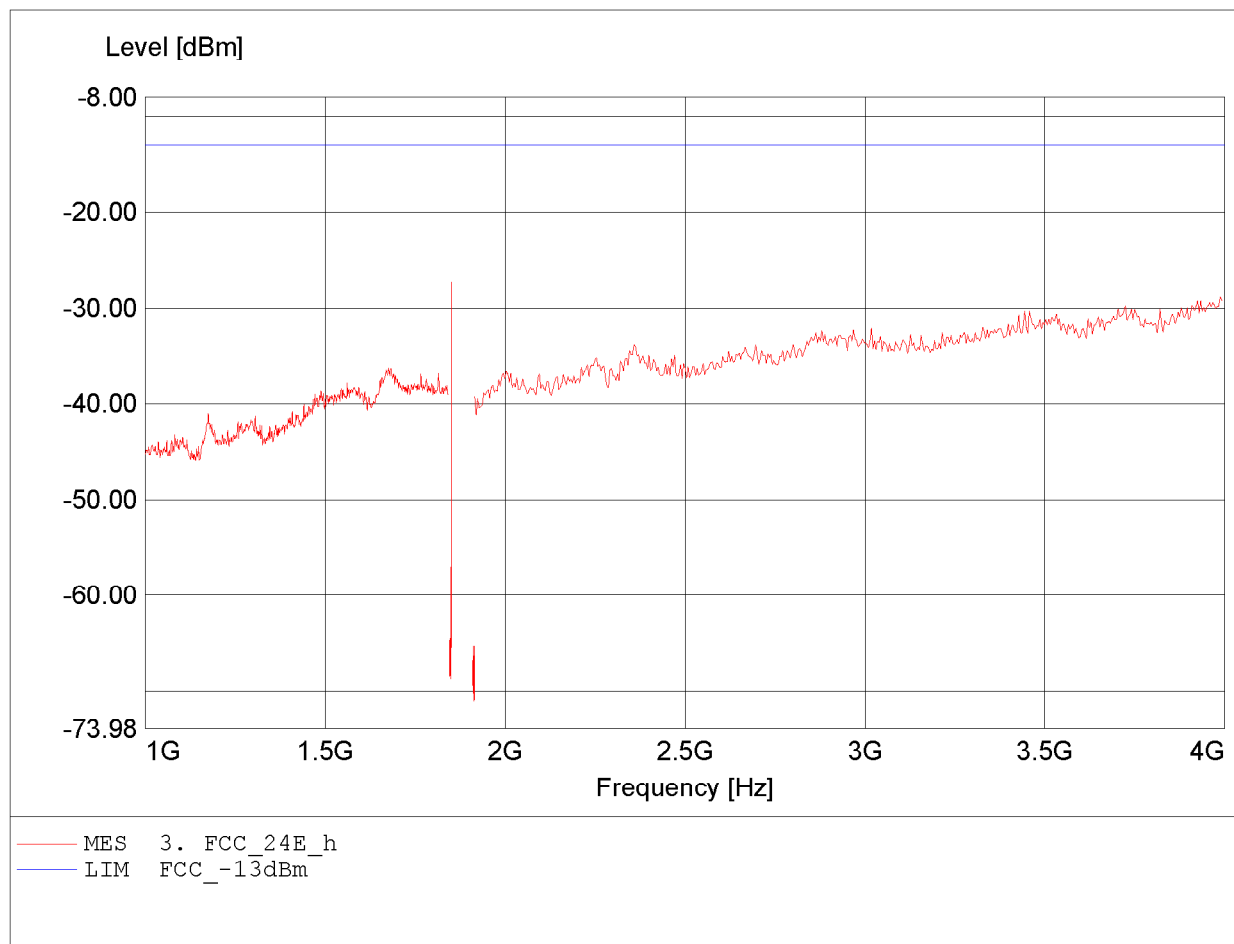
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -26.97dBm, RBW: 1MHz/3kHz



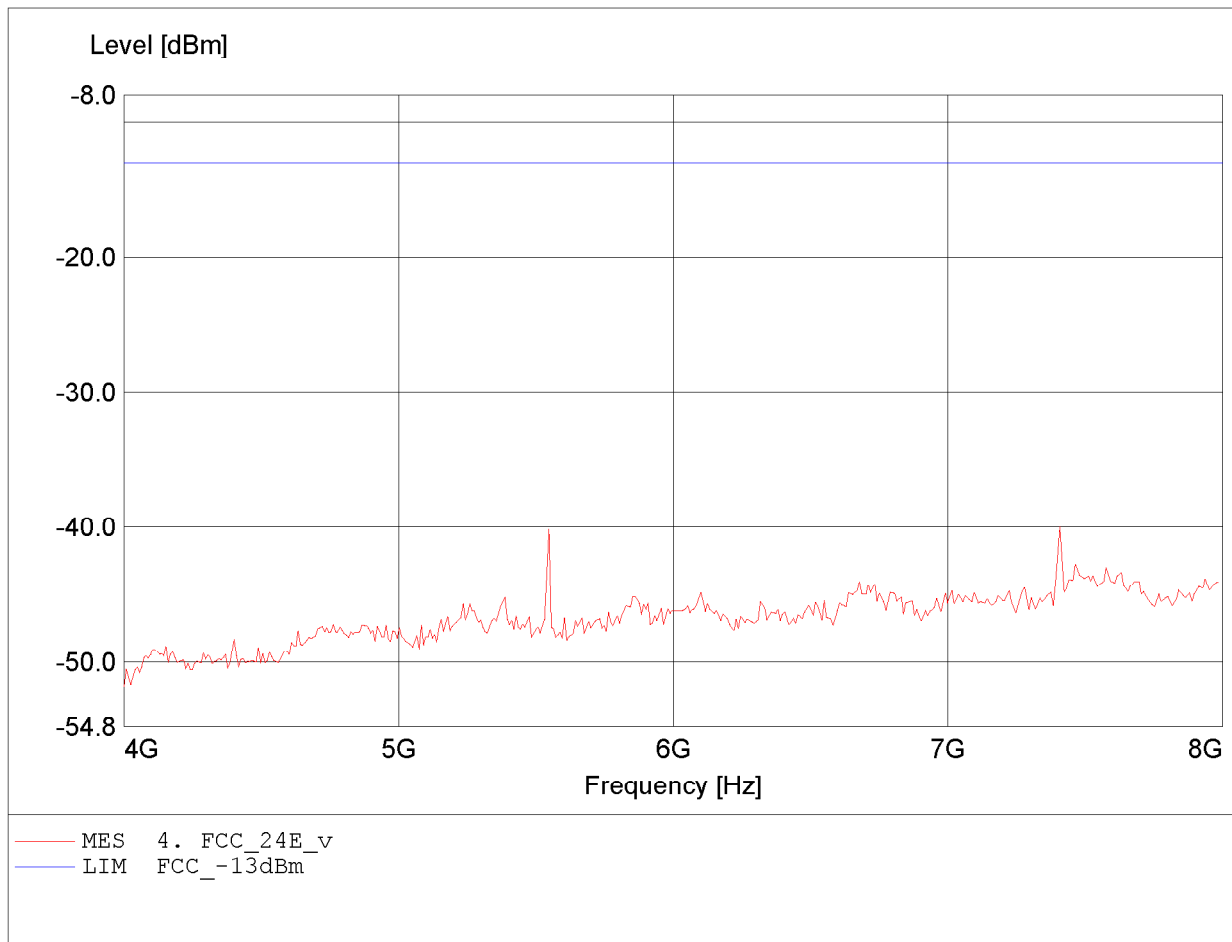
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 551
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -27.32dBm, RBW: 1MHz/3kHz



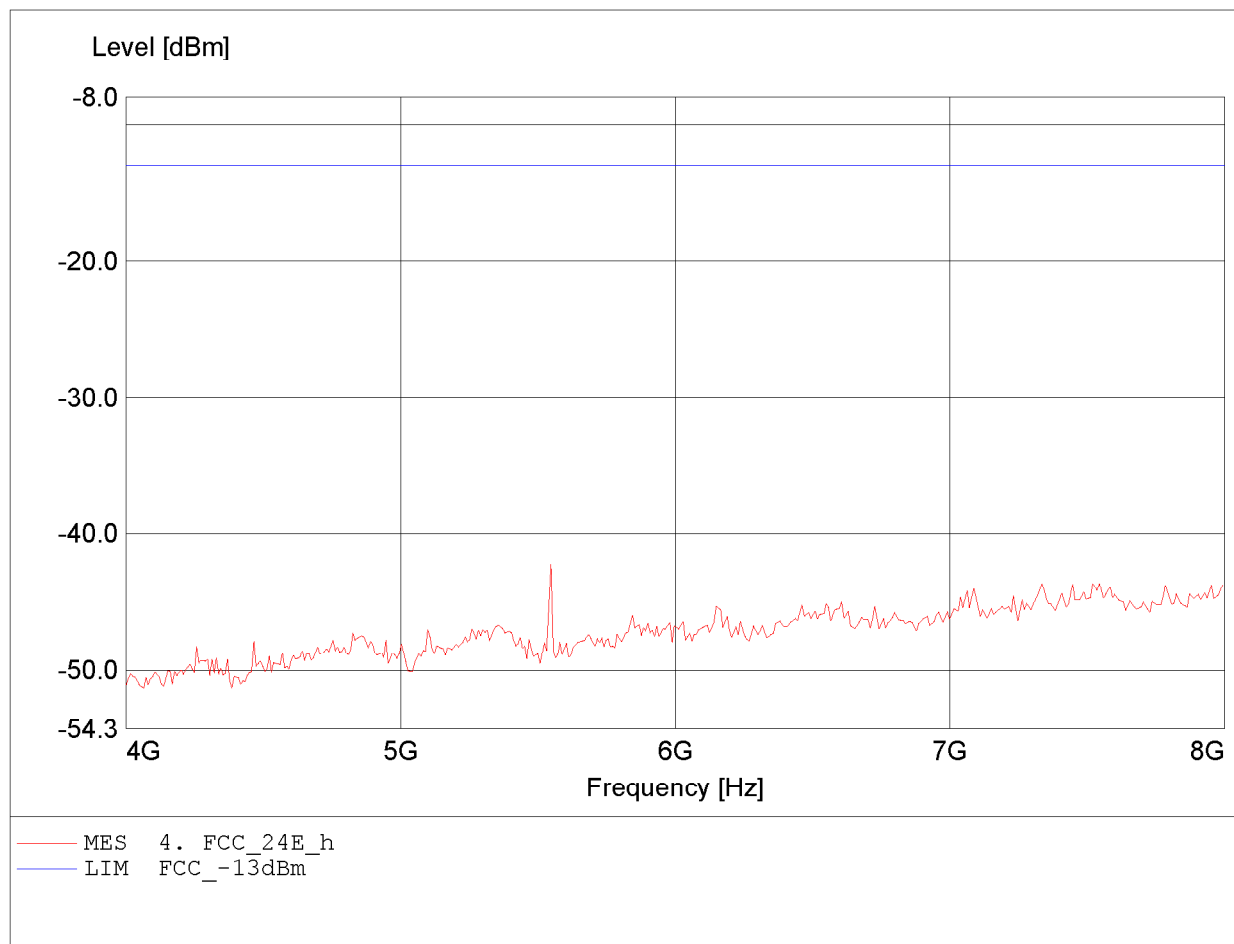
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.407GHz, Pmax: -39.99dBm, RBW: 1MHz



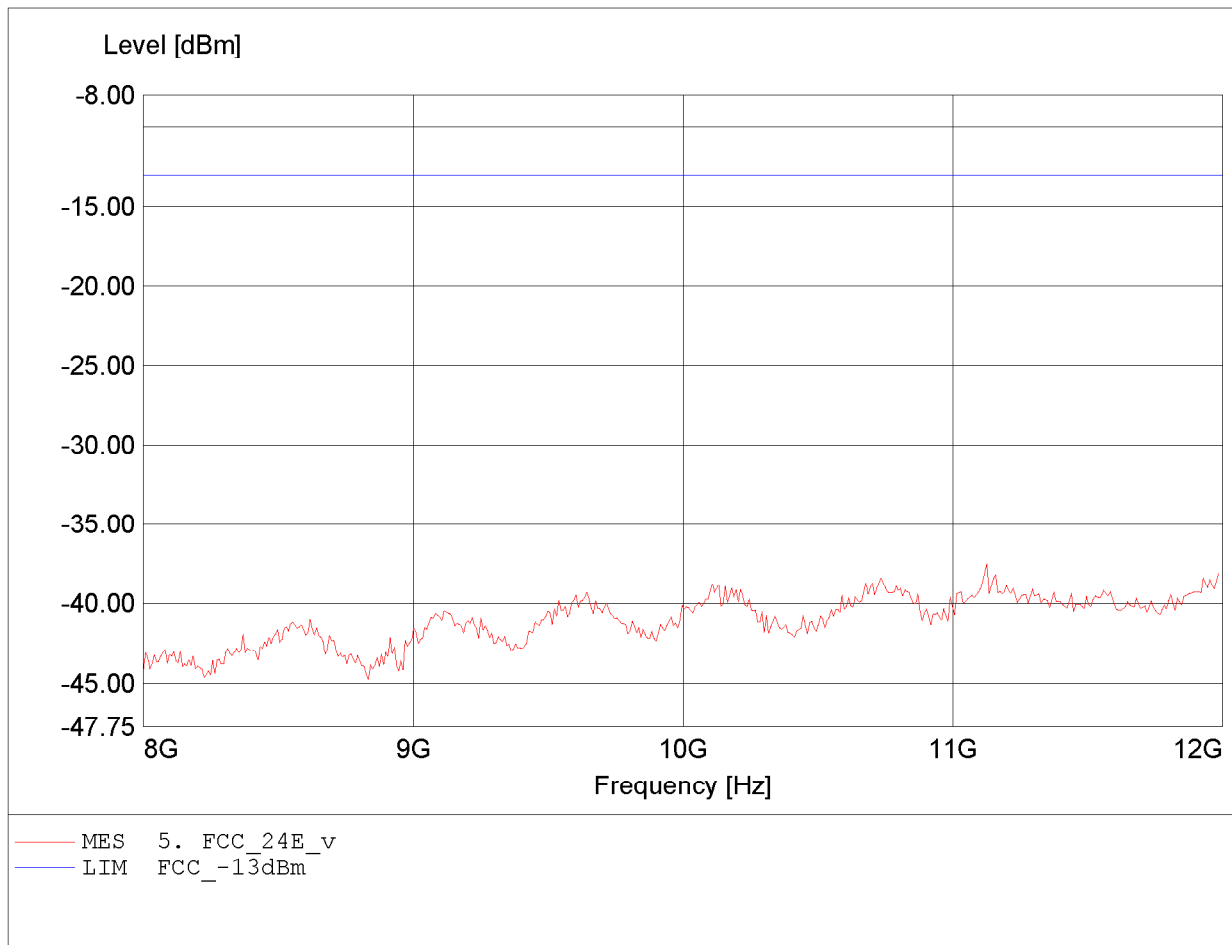
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 551
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.547GHz, Pmax: -42.23dBm, RBW: 1MHz



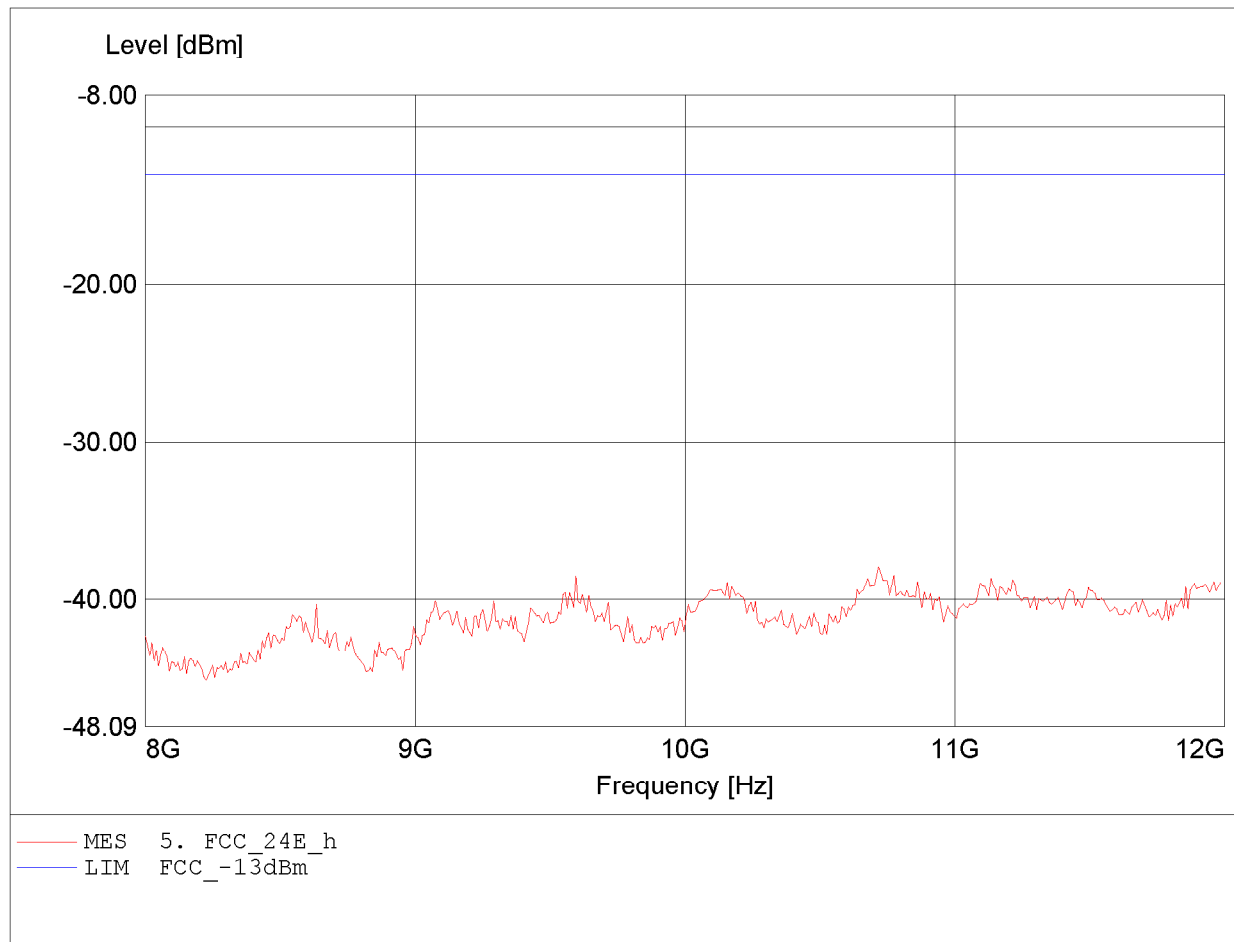
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.126GHz, Pmax: -37.47dBm, RBW: 1MHz



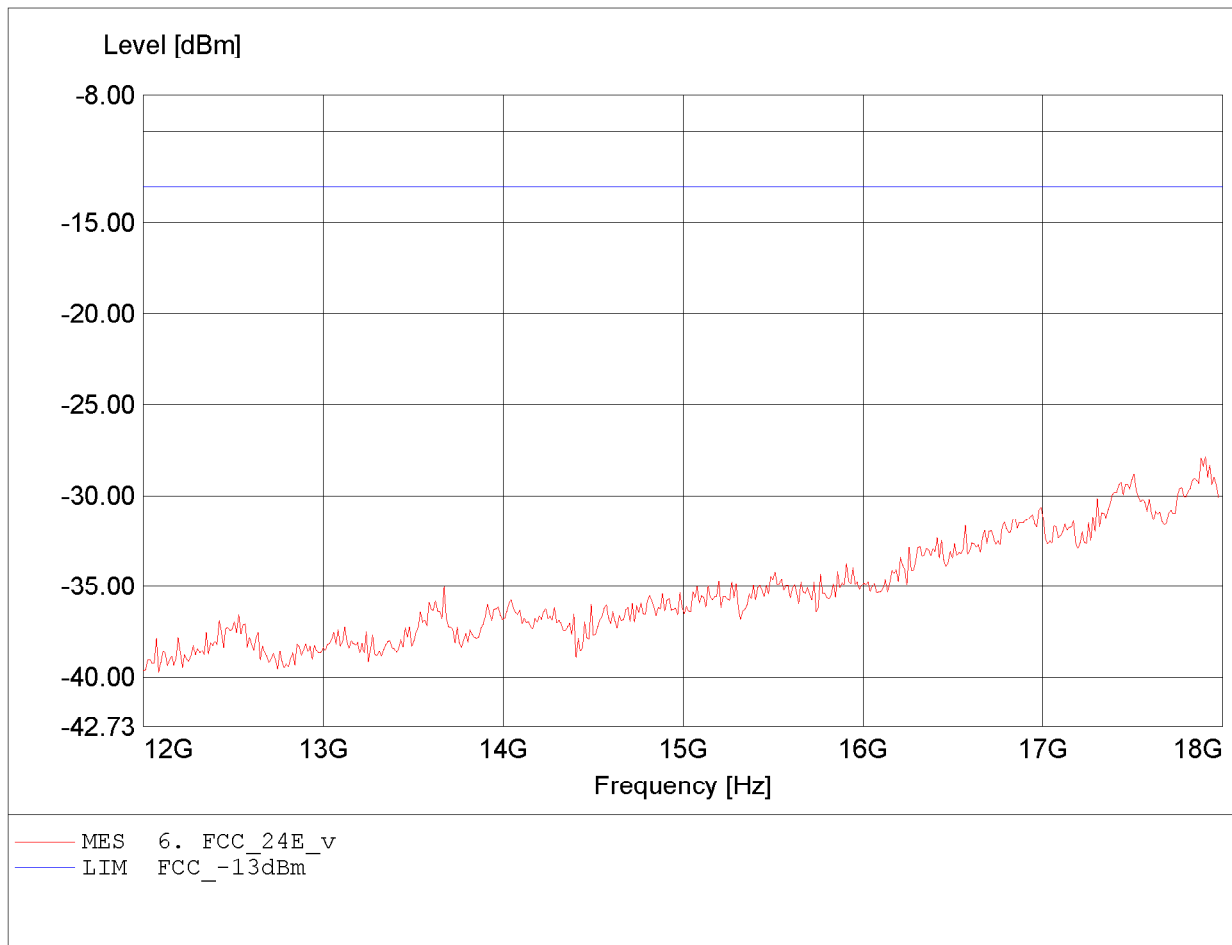
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 551
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.717GHz, Pmax: -37.91dBm, RBW: 1MHz



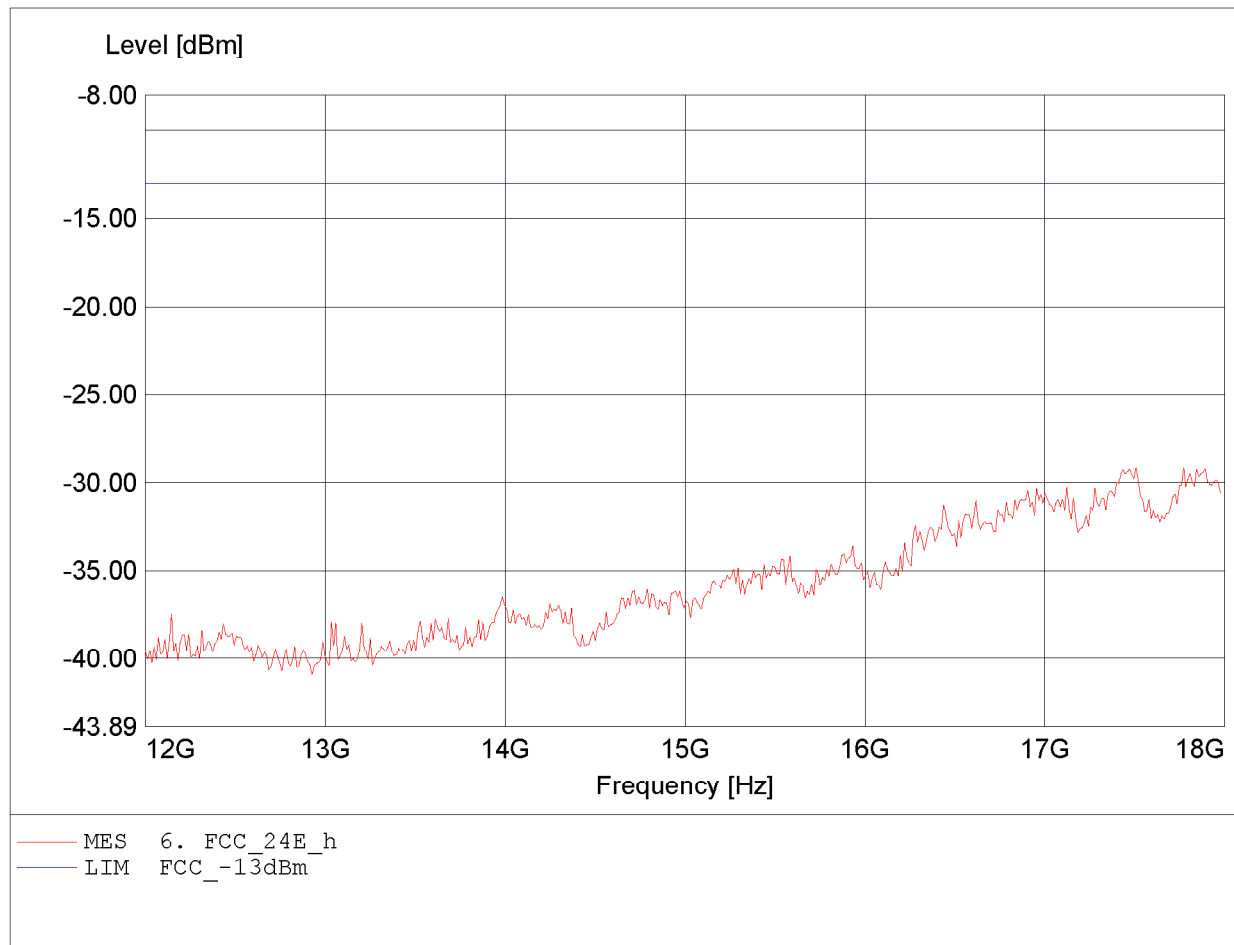
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 512
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.904GHz, Pmax: -27.87dBm, RBW: 1MHz



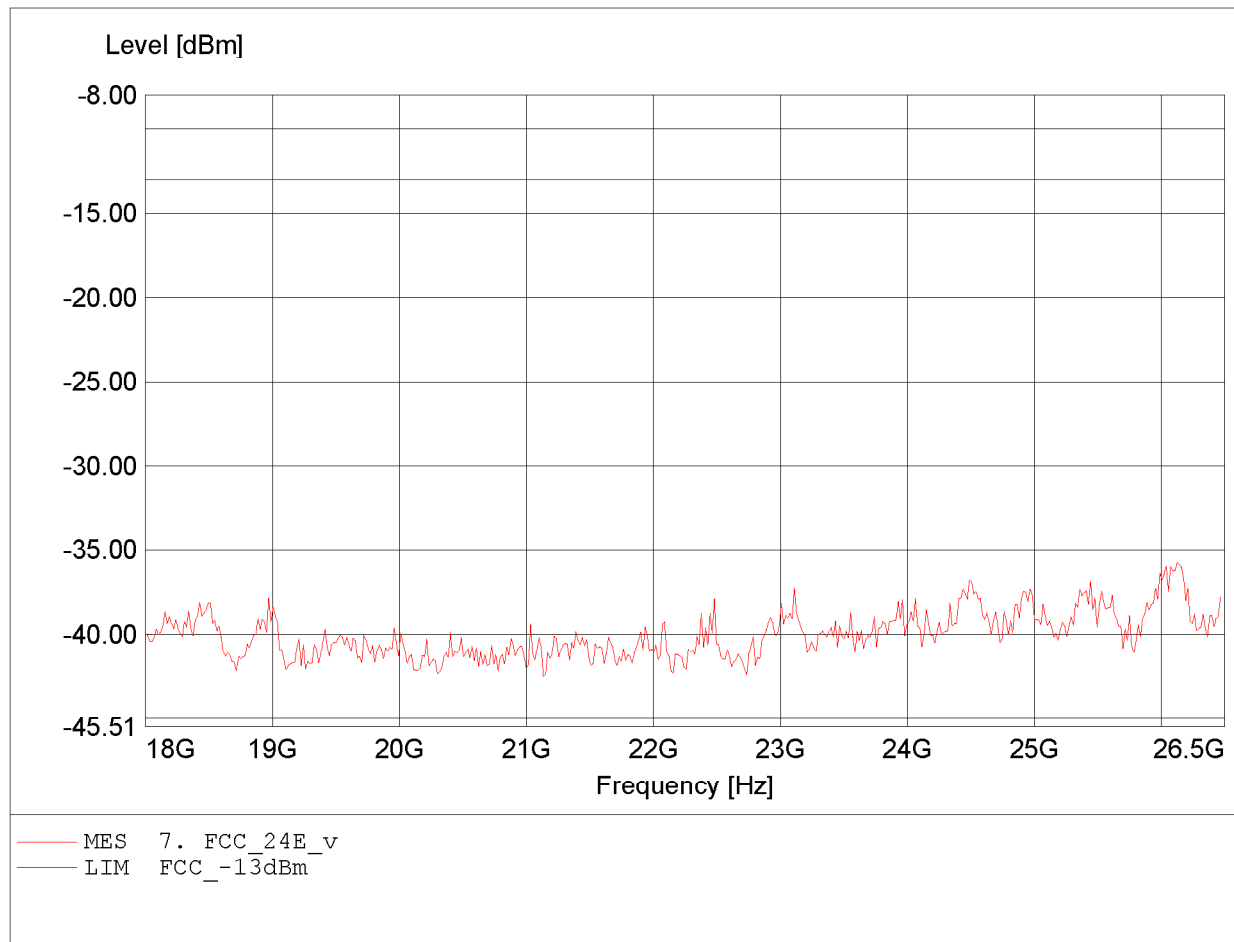
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 551
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.507GHz, Pmax: -29.15dBm, RBW: 1MHz



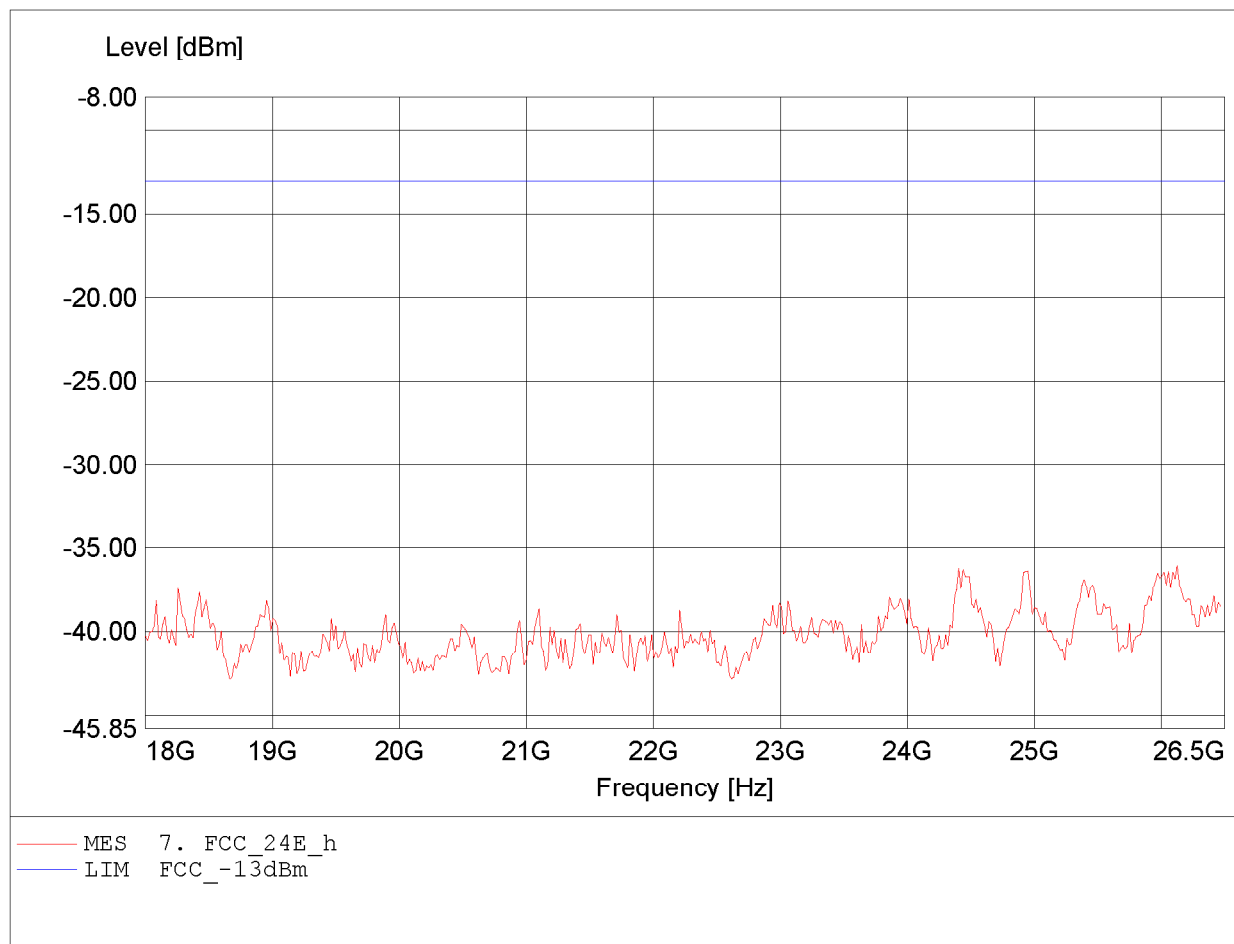
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 551
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.125GHz, Pmax: -35.74dBm, RBW: 1MHz



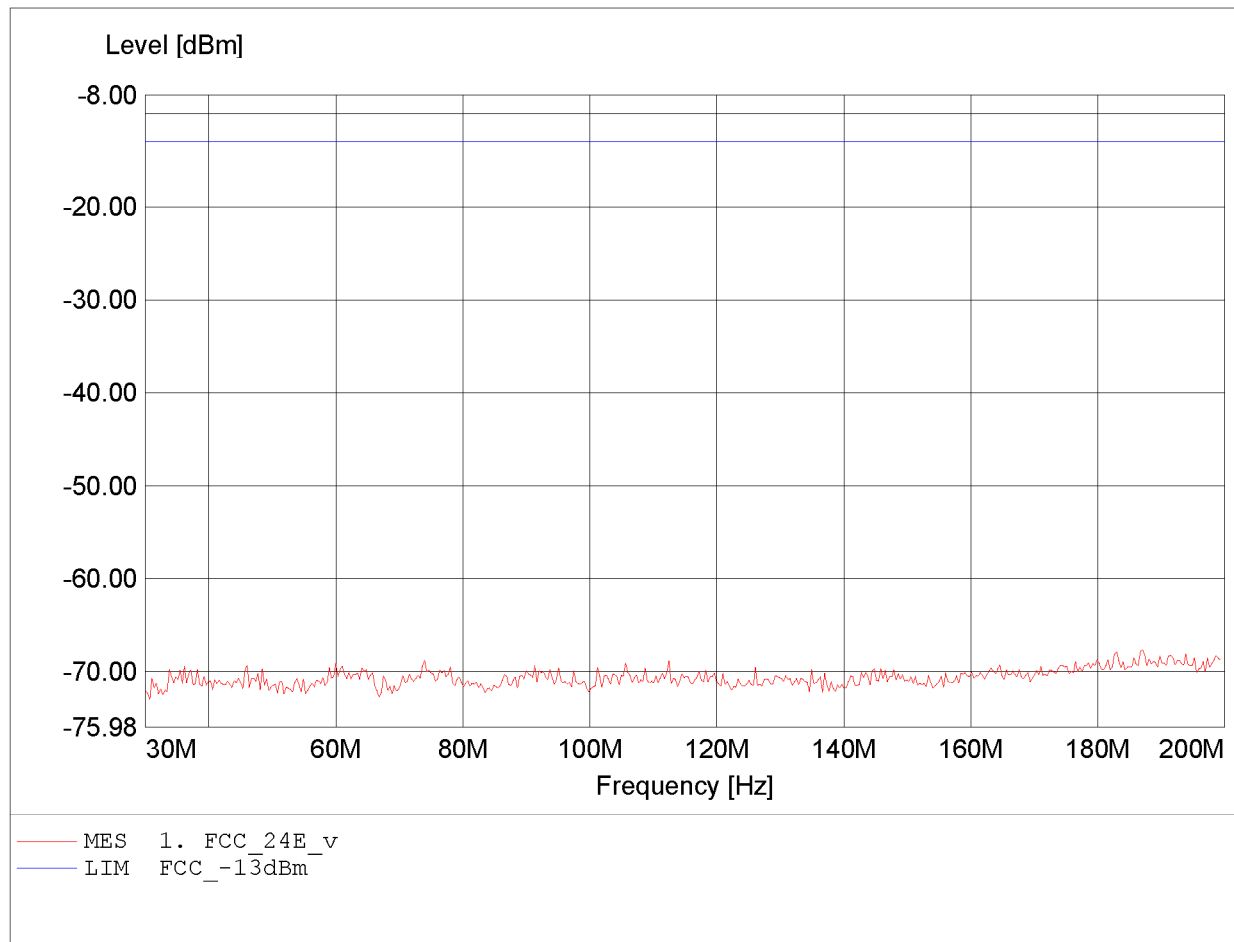
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 551
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.125GHz, Pmax: -36.04dBm, RBW: 1MHz



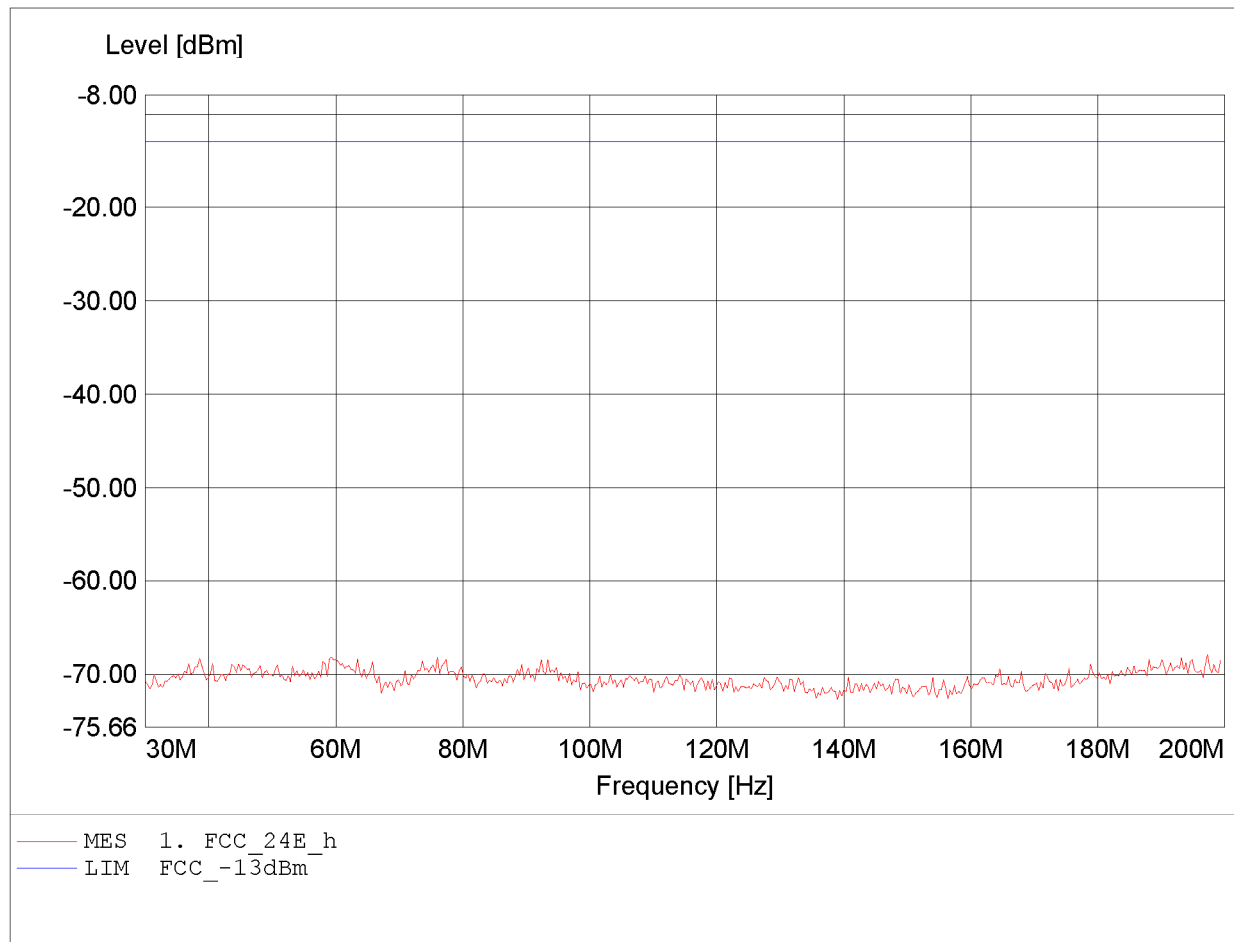
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 187.054MHz, Pmax: -67.69dBm, RBW: 100kHz



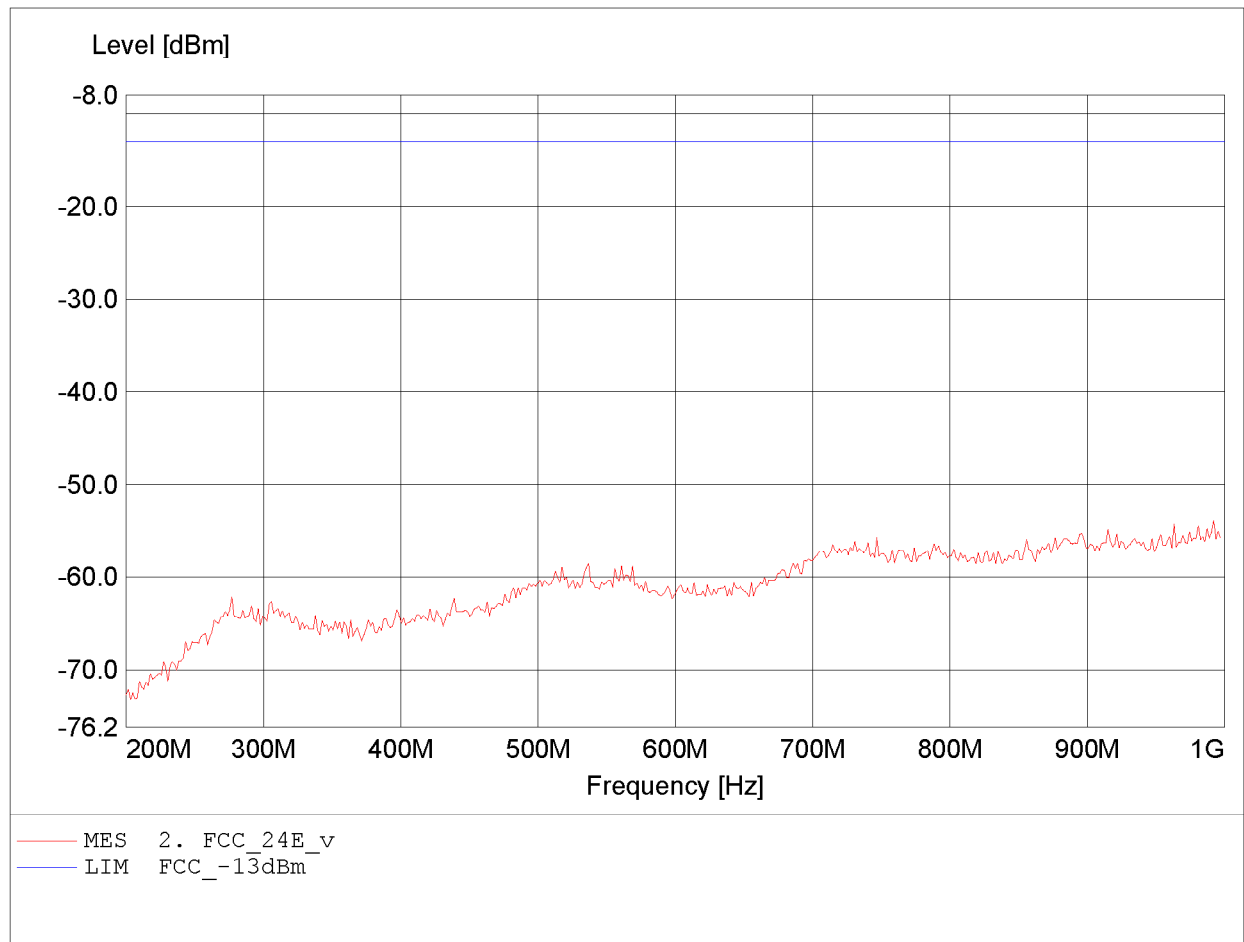
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.275MHz, Pmax: -67.86dBm, RBW: 100kHz



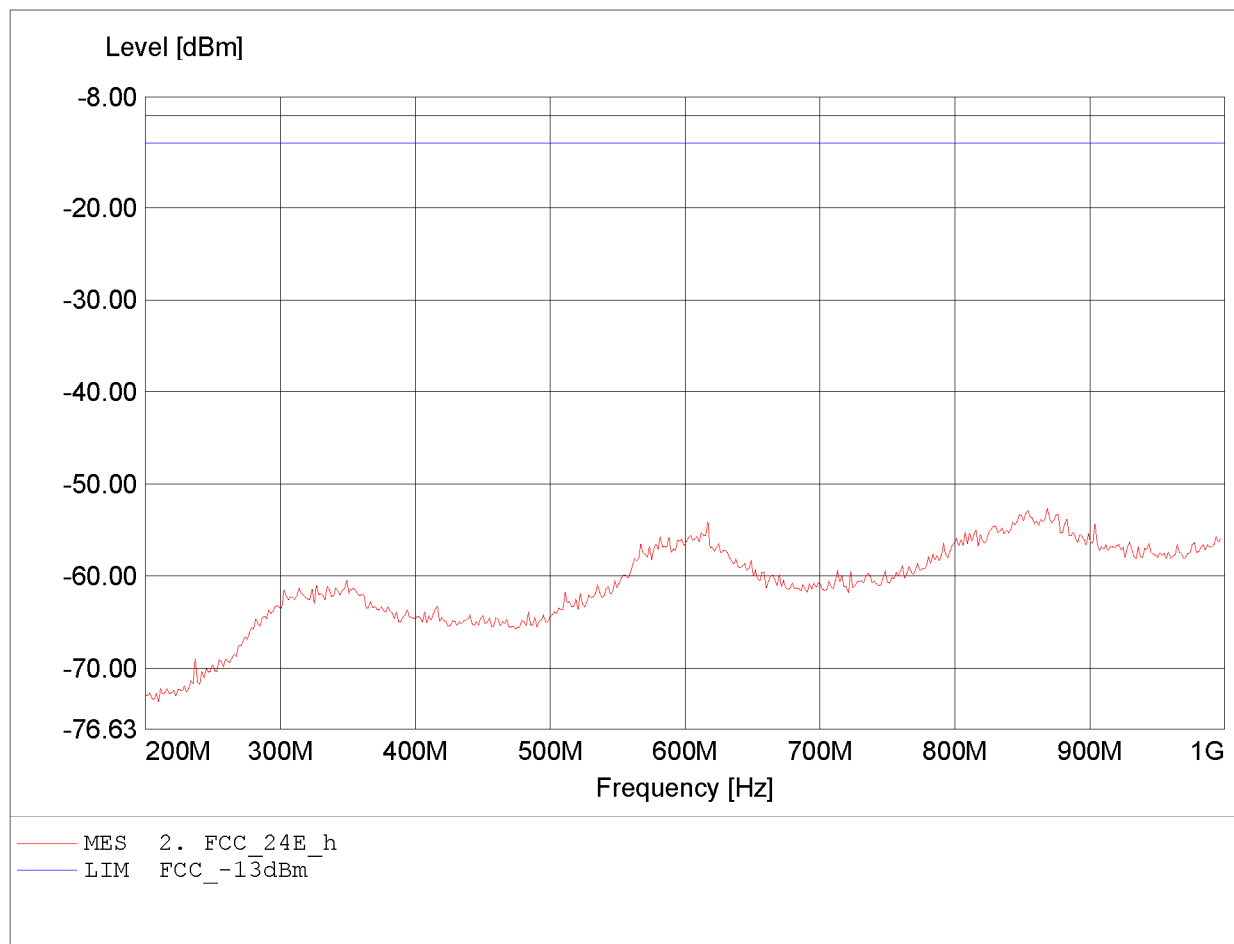
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 991.984MHz, Pmax: -53.99dBm, RBW: 100kHz



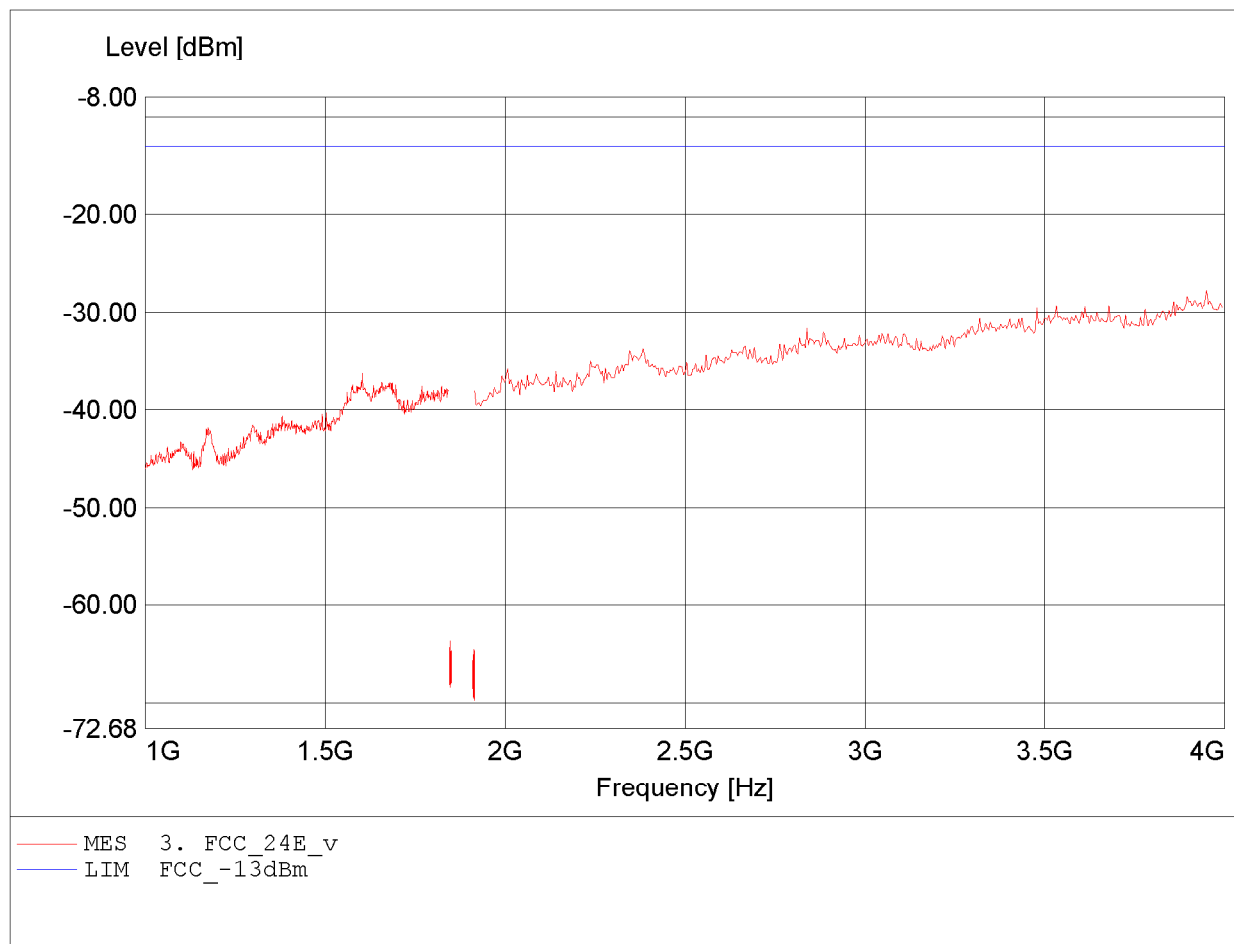
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 868.537MHz, Pmax: -52.62dBm, RBW: 100kHz



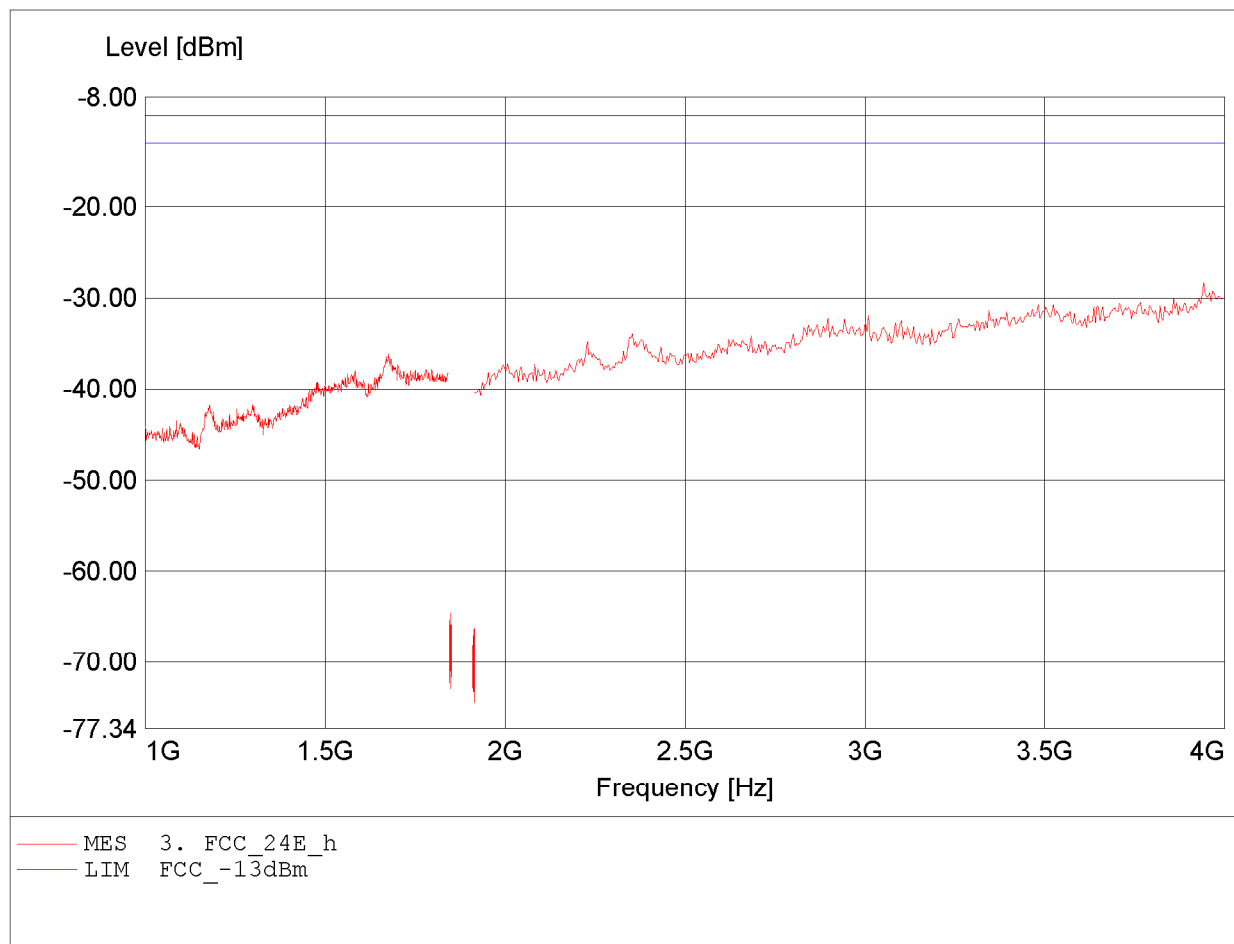
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.950GHz, Pmax: -27.74dBm, RBW: 1MHz/3kHz



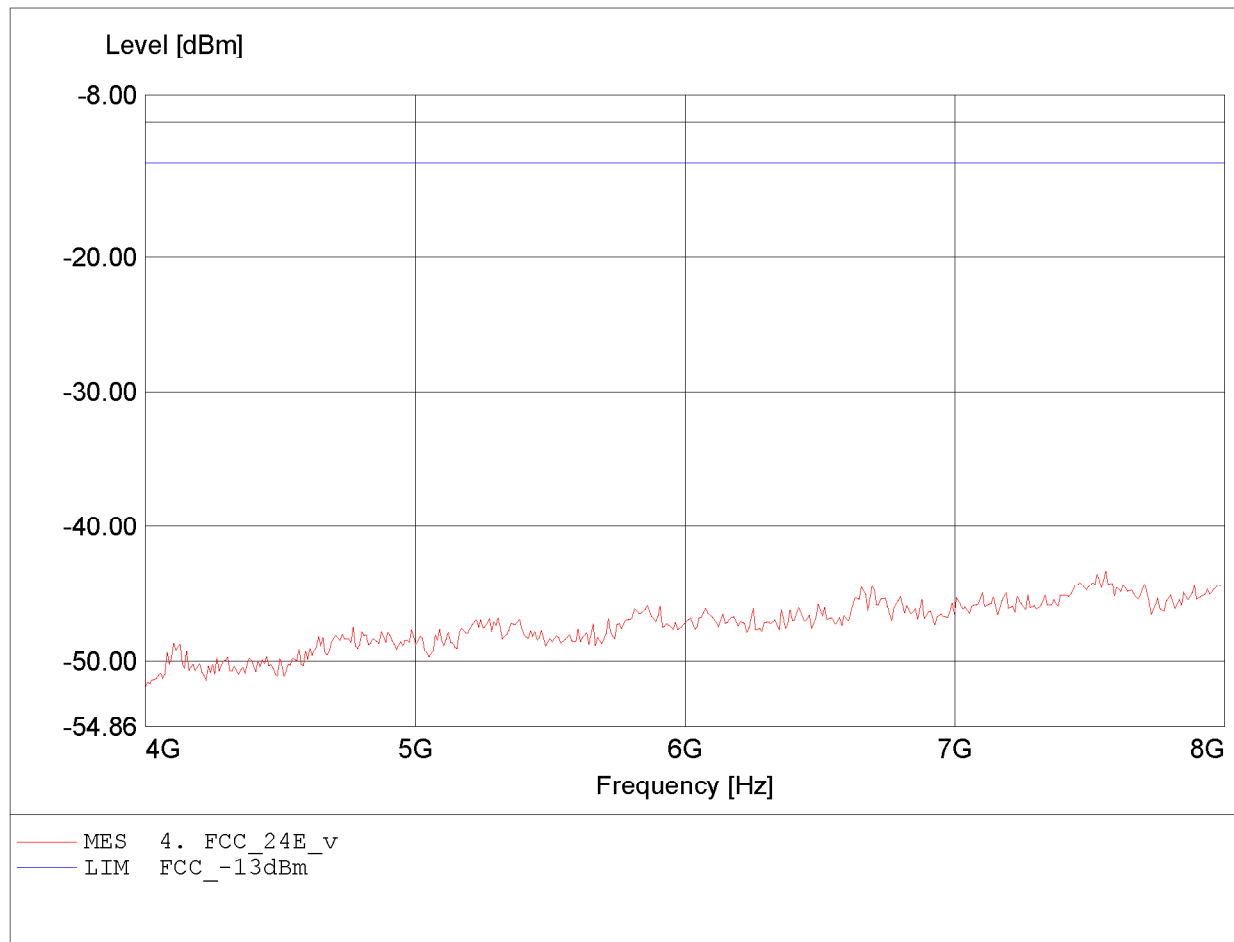
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.942GHz, Pmax: -28.35dBm, RBW: 1MHz/3kHz



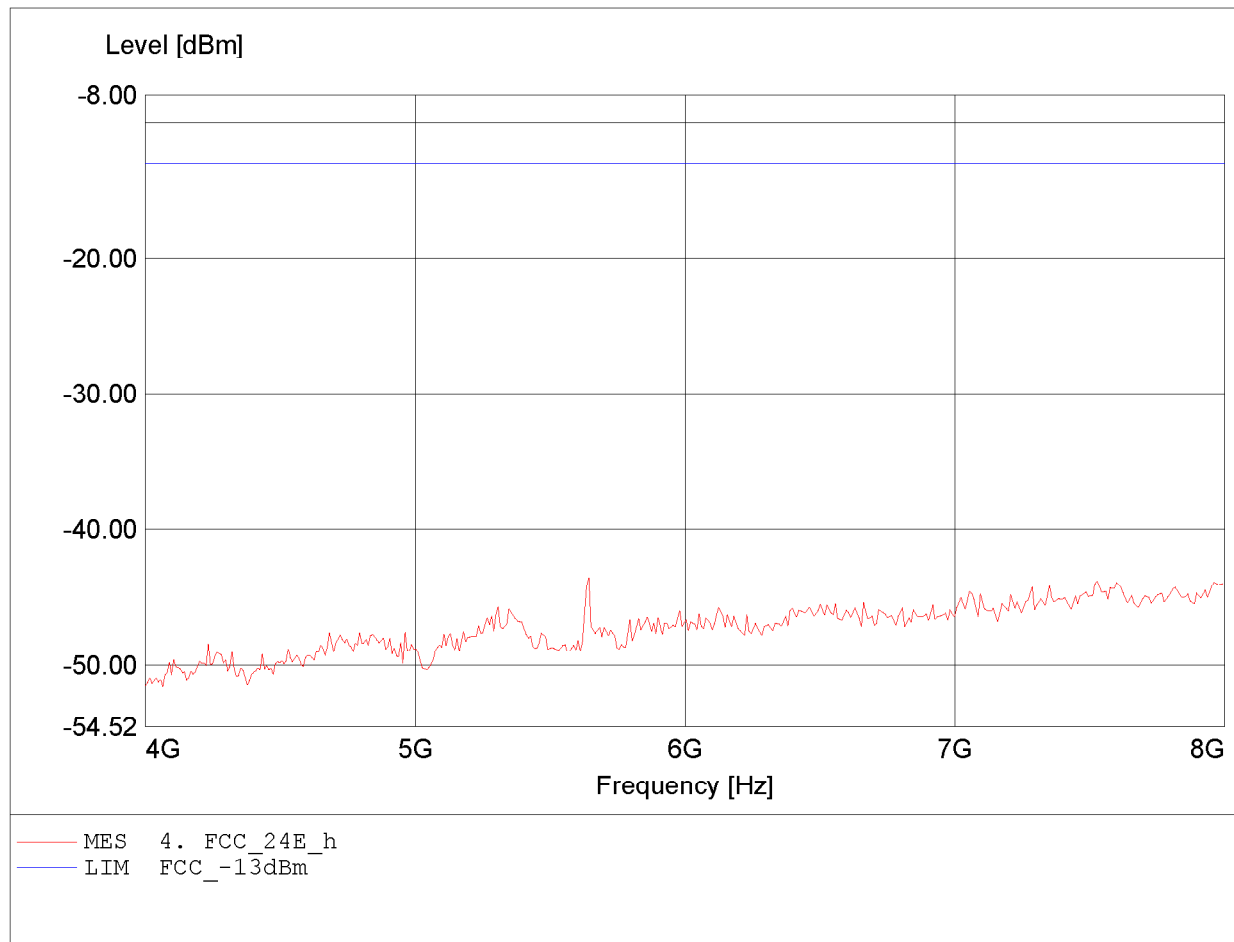
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.559GHz, Pmax: -43.31dBm, RBW: 1MHz



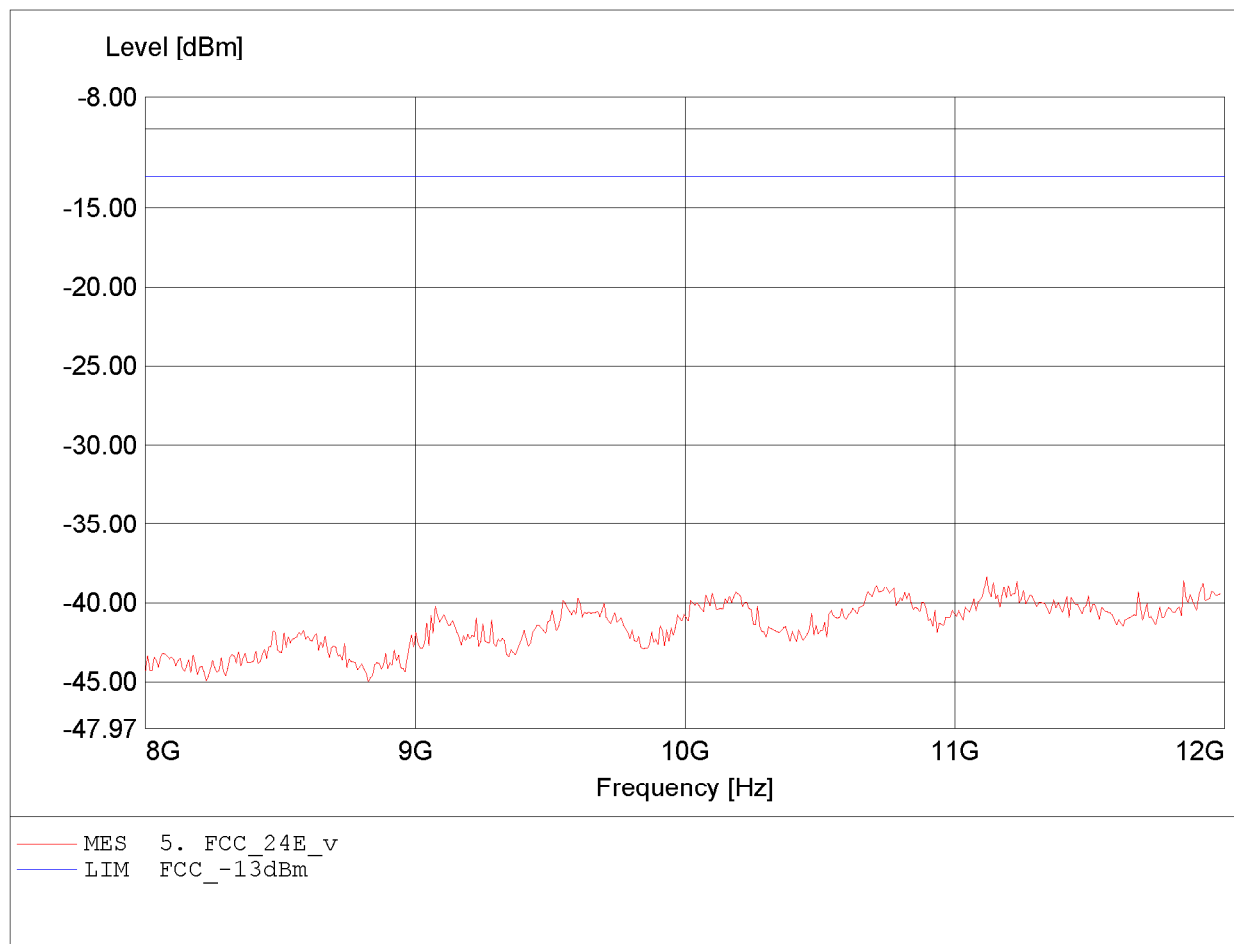
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.643GHz, Pmax: -43.52dBm, RBW: 1MHz



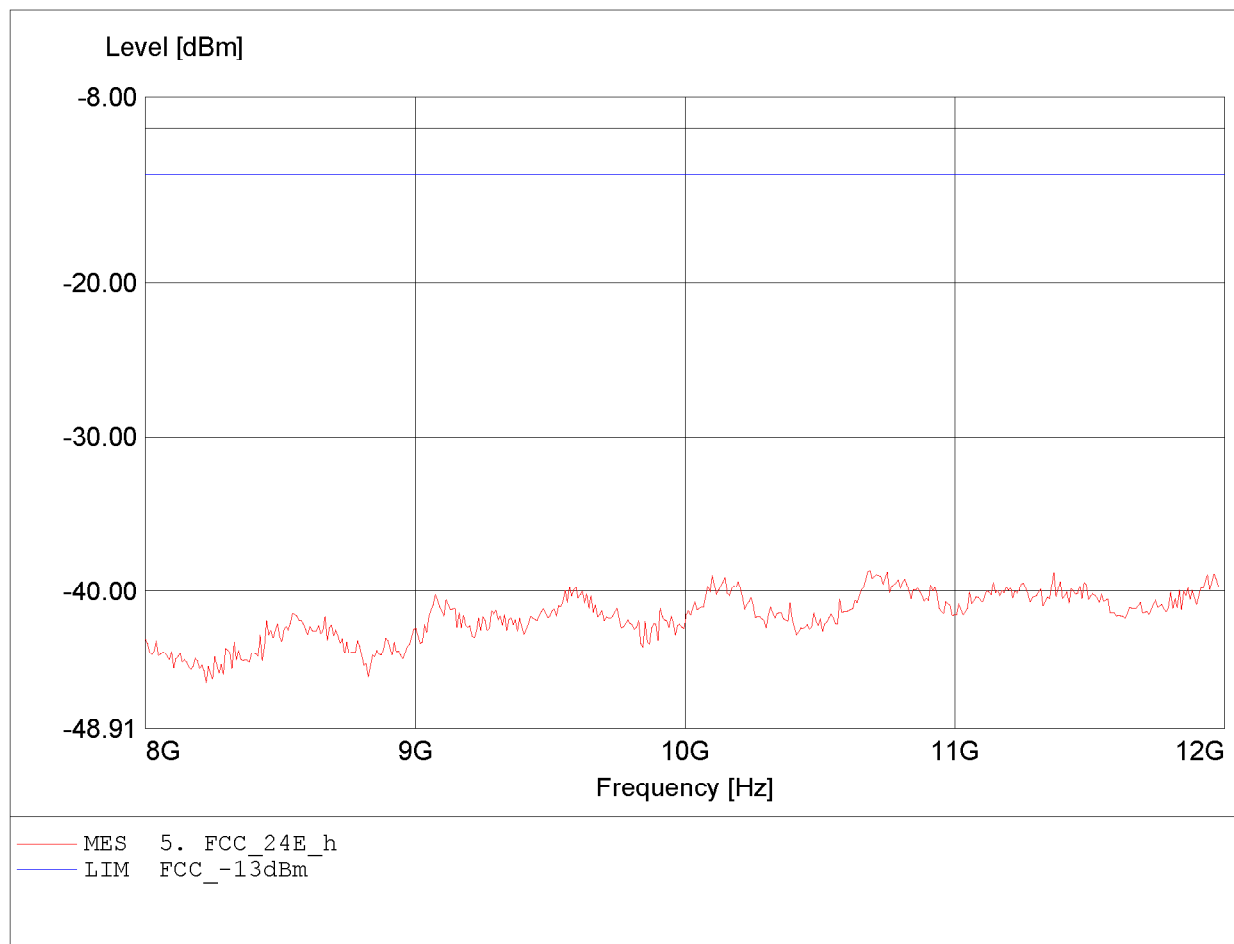
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.118GHz, Pmax: -38.33dBm, RBW: 1MHz



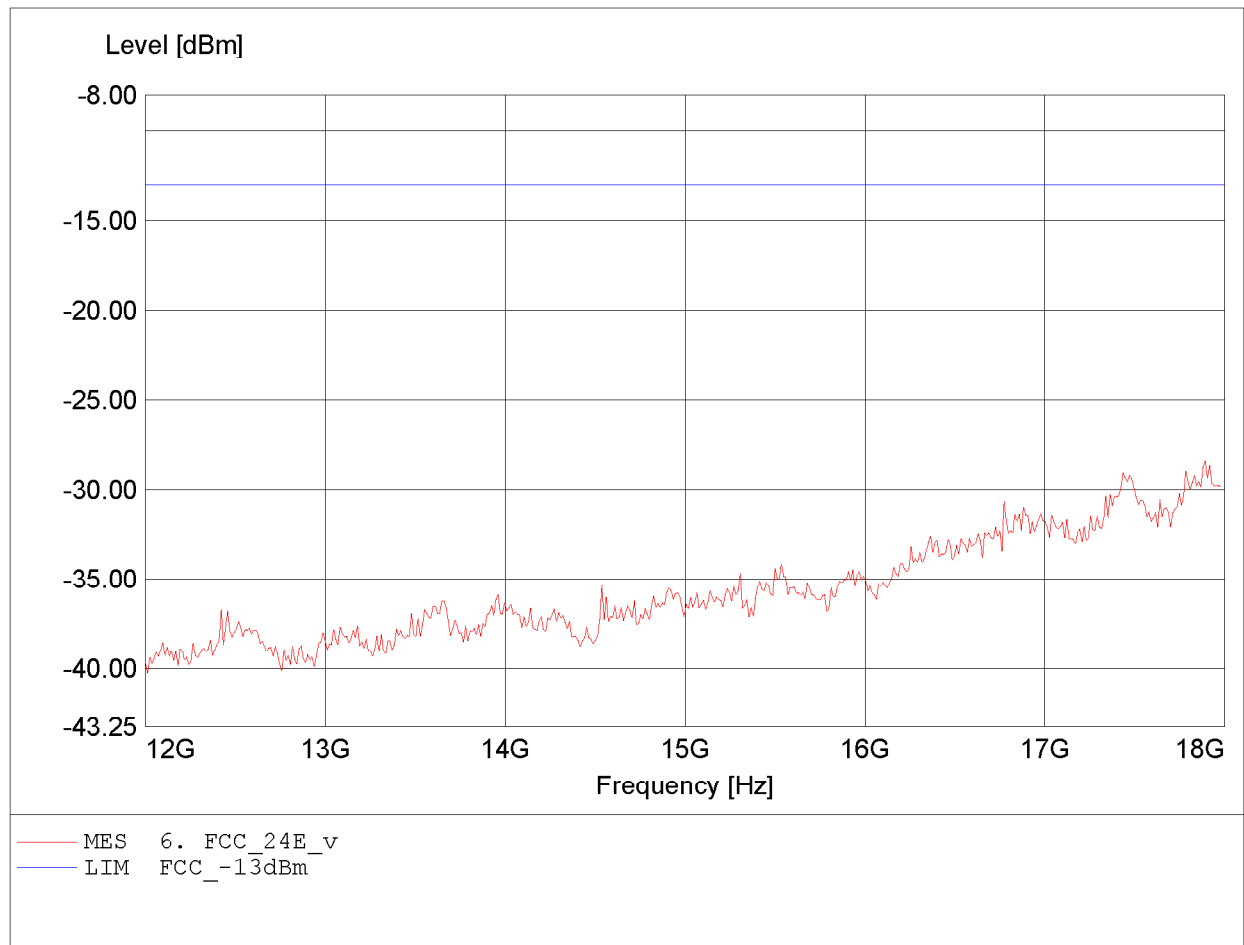
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.685GHz, Pmax: -38.65dBm, RBW: 1MHz



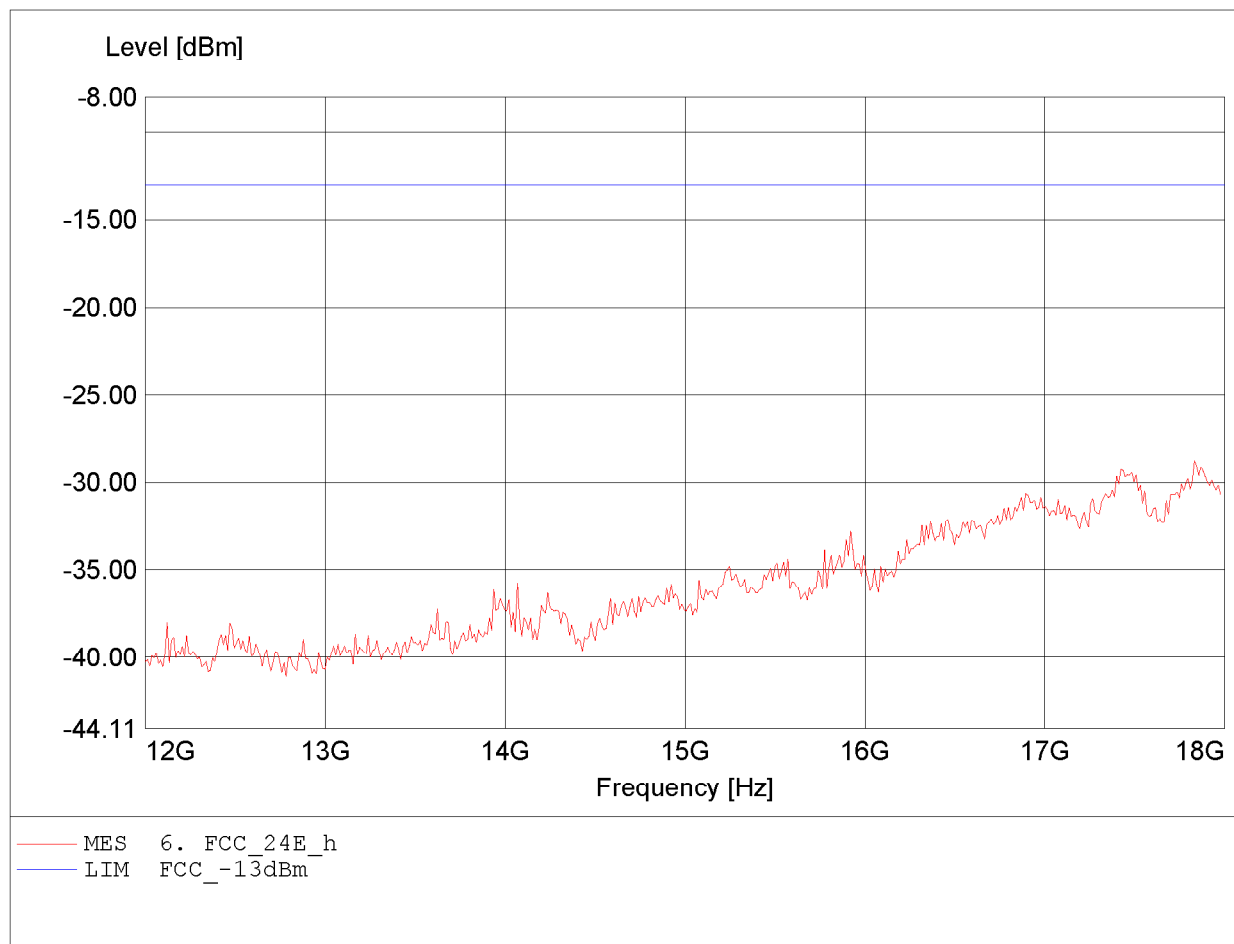
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.892GHz, Pmax: -28.39dBm, RBW: 1MHz



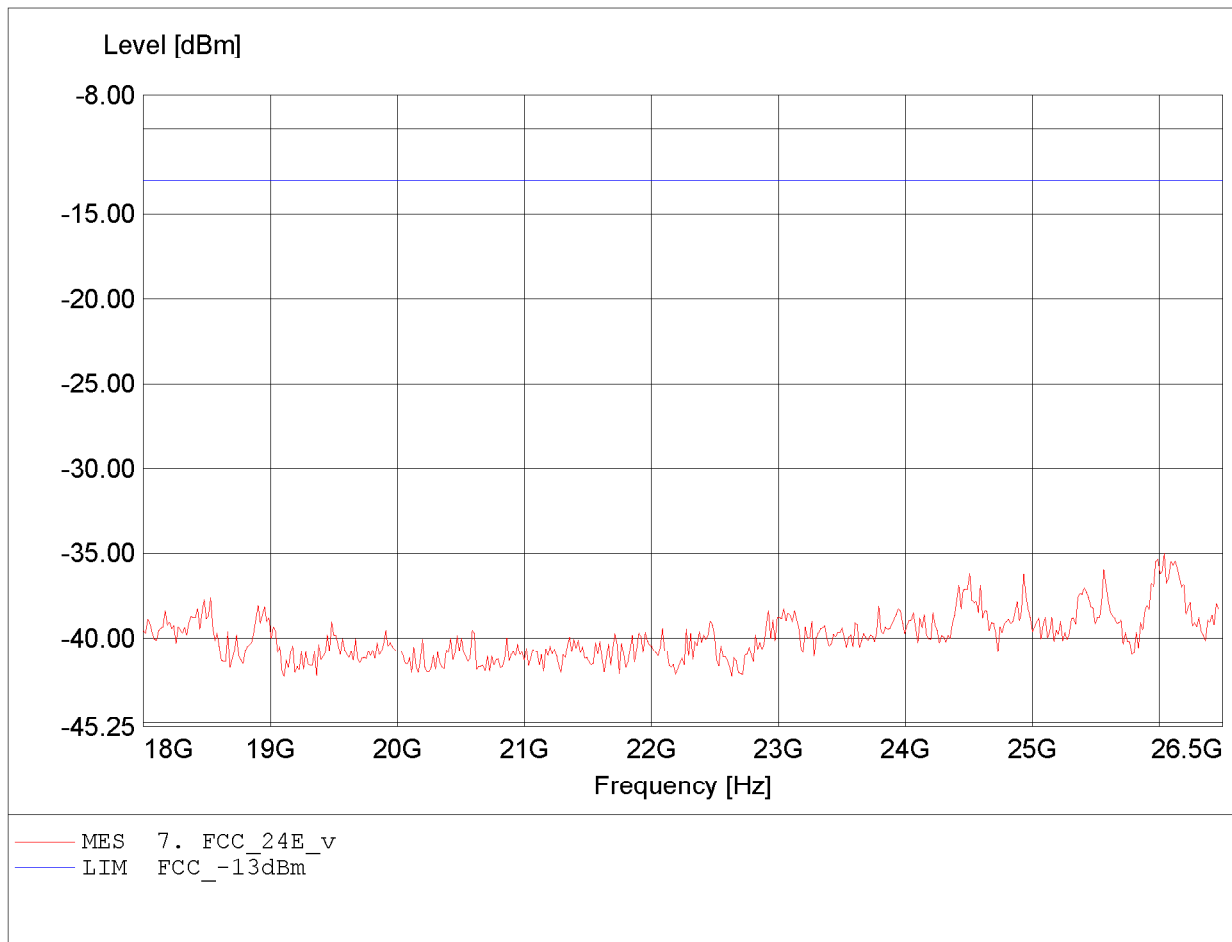
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.832GHz, Pmax: -28.78dBm, RBW: 1MHz



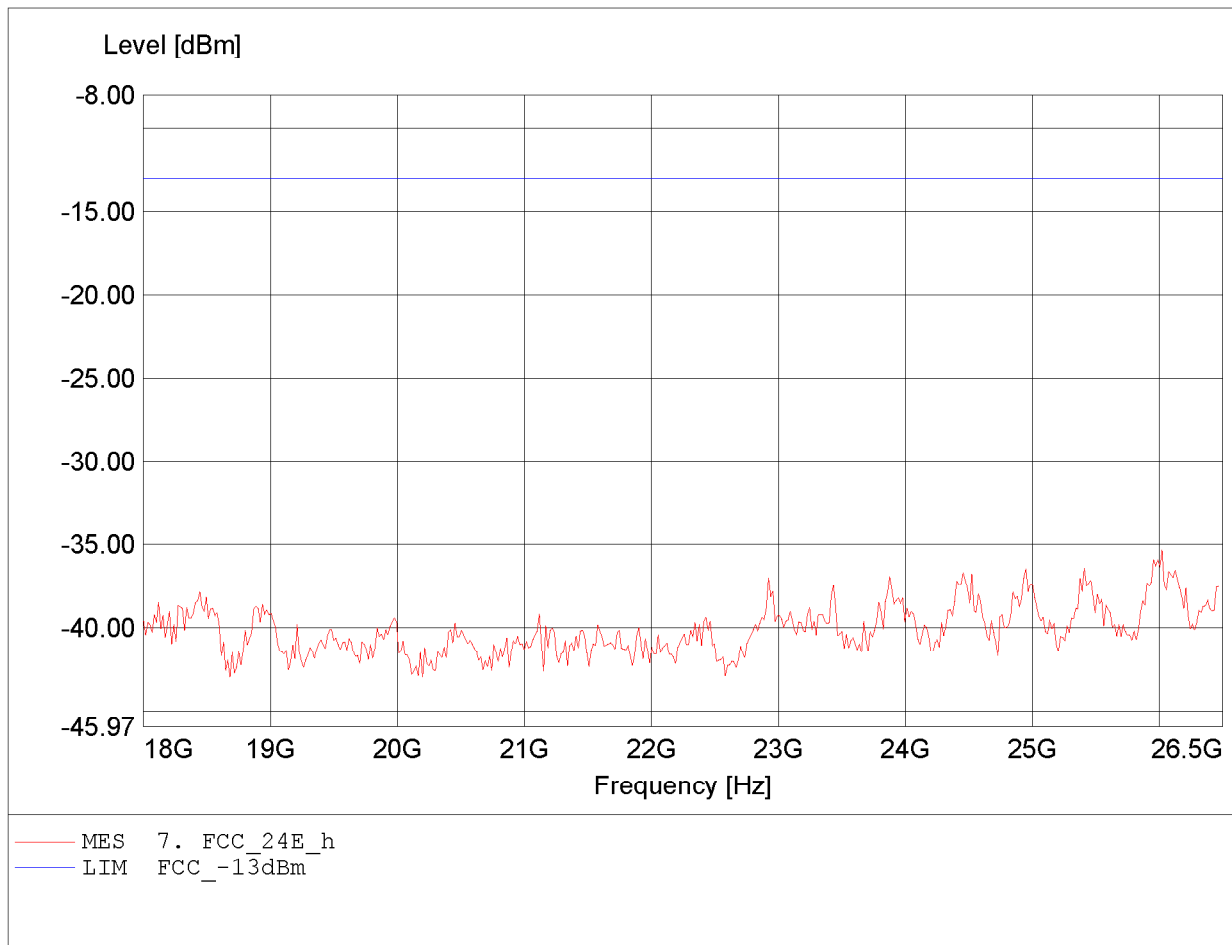
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.040GHz, Pmax: -35.01dBm, RBW: 1MHz



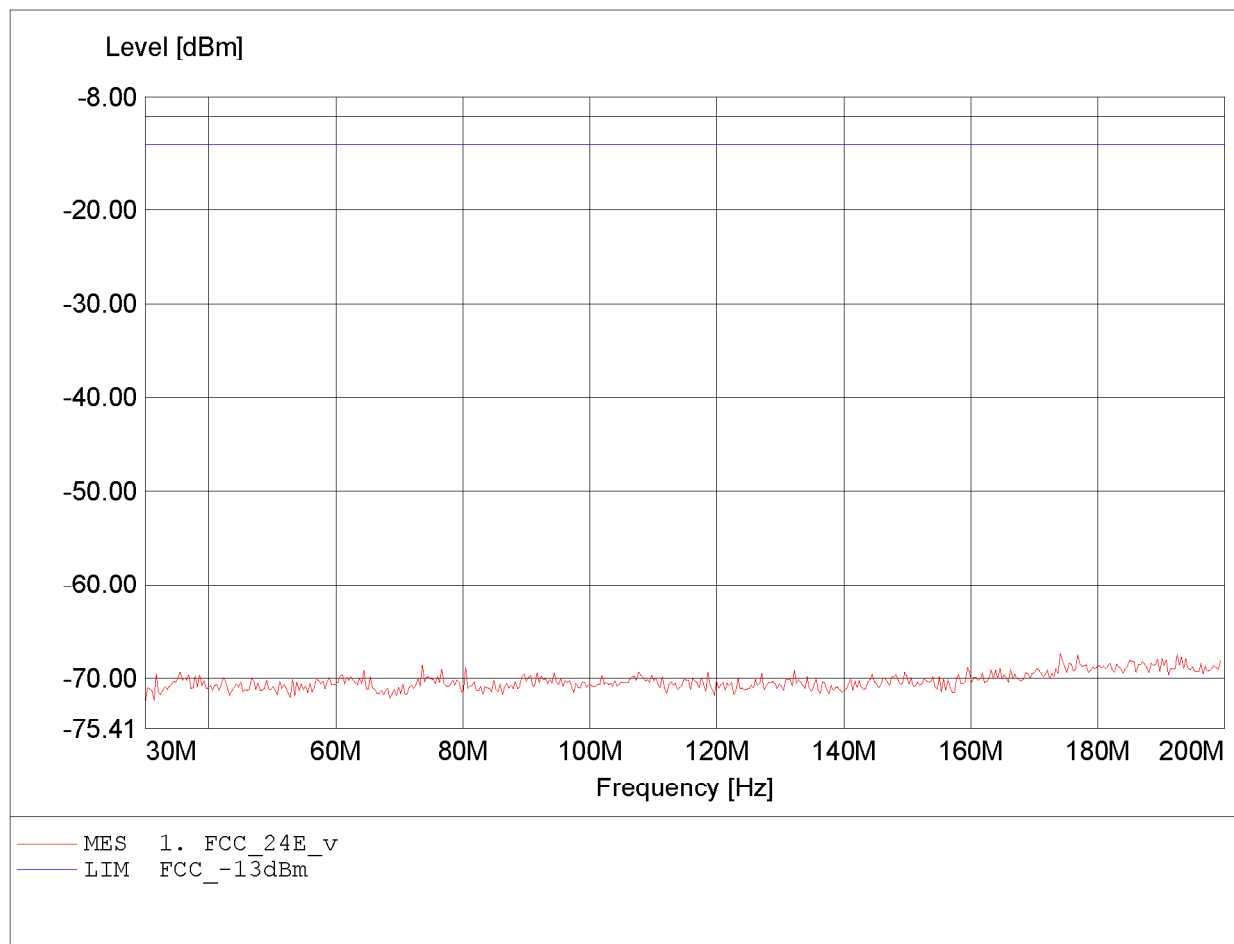
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 661
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.023GHz, Pmax: -35.36dBm, RBW: 1MHz



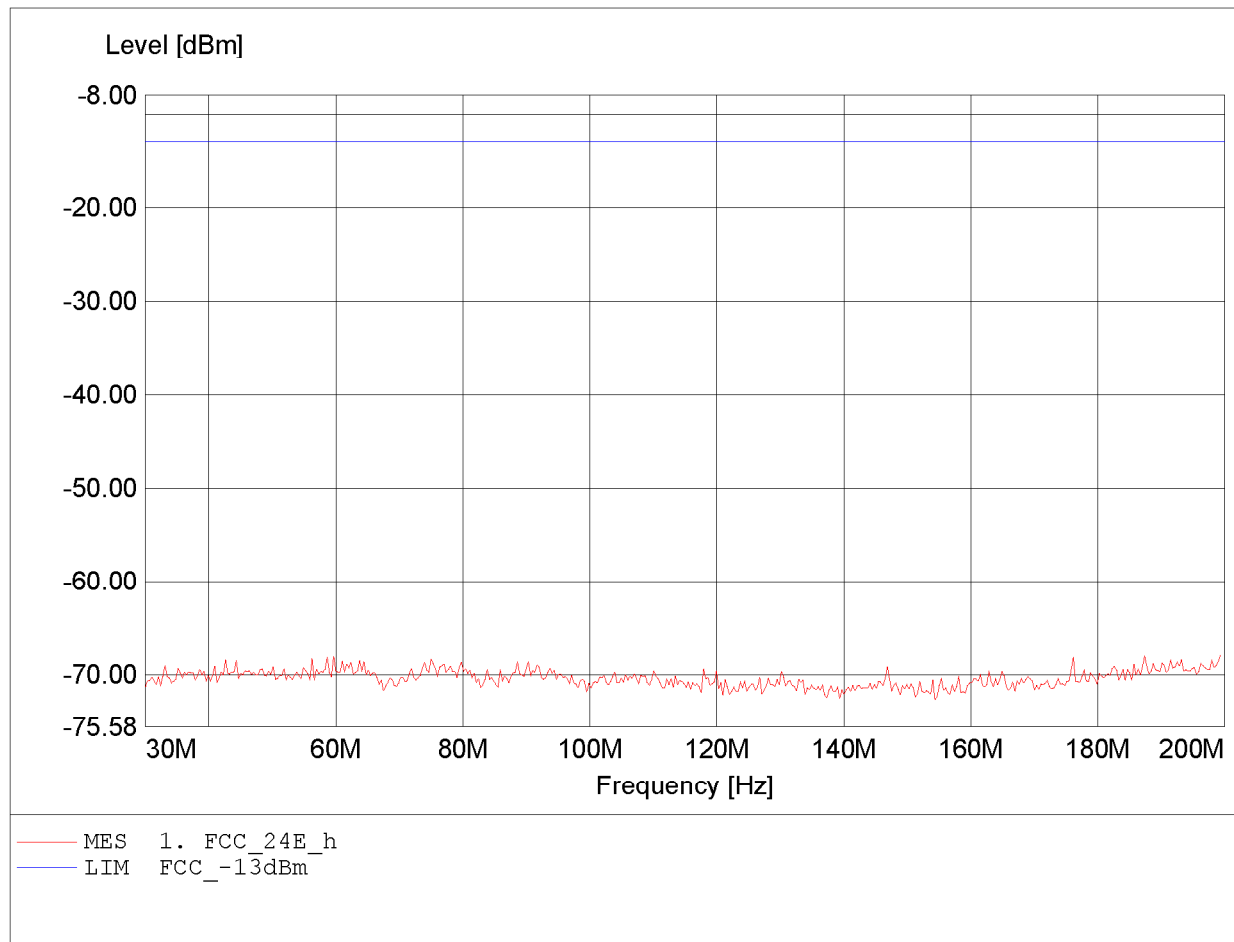
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 174.108MHz, Pmax: -67.45dBm, RBW: 100kHz



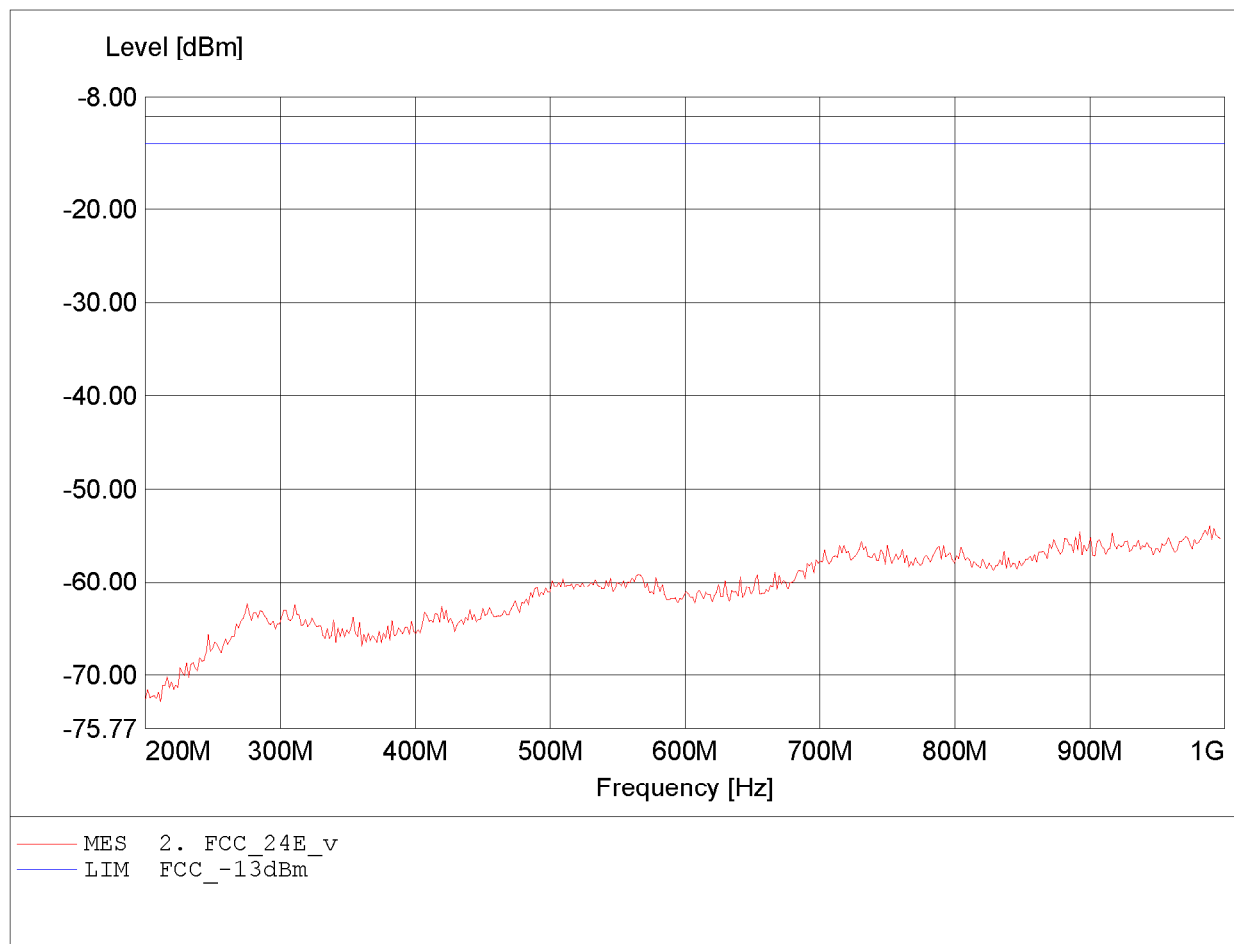
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 199.319MHz, Pmax: -67.96dBm, RBW: 100kHz



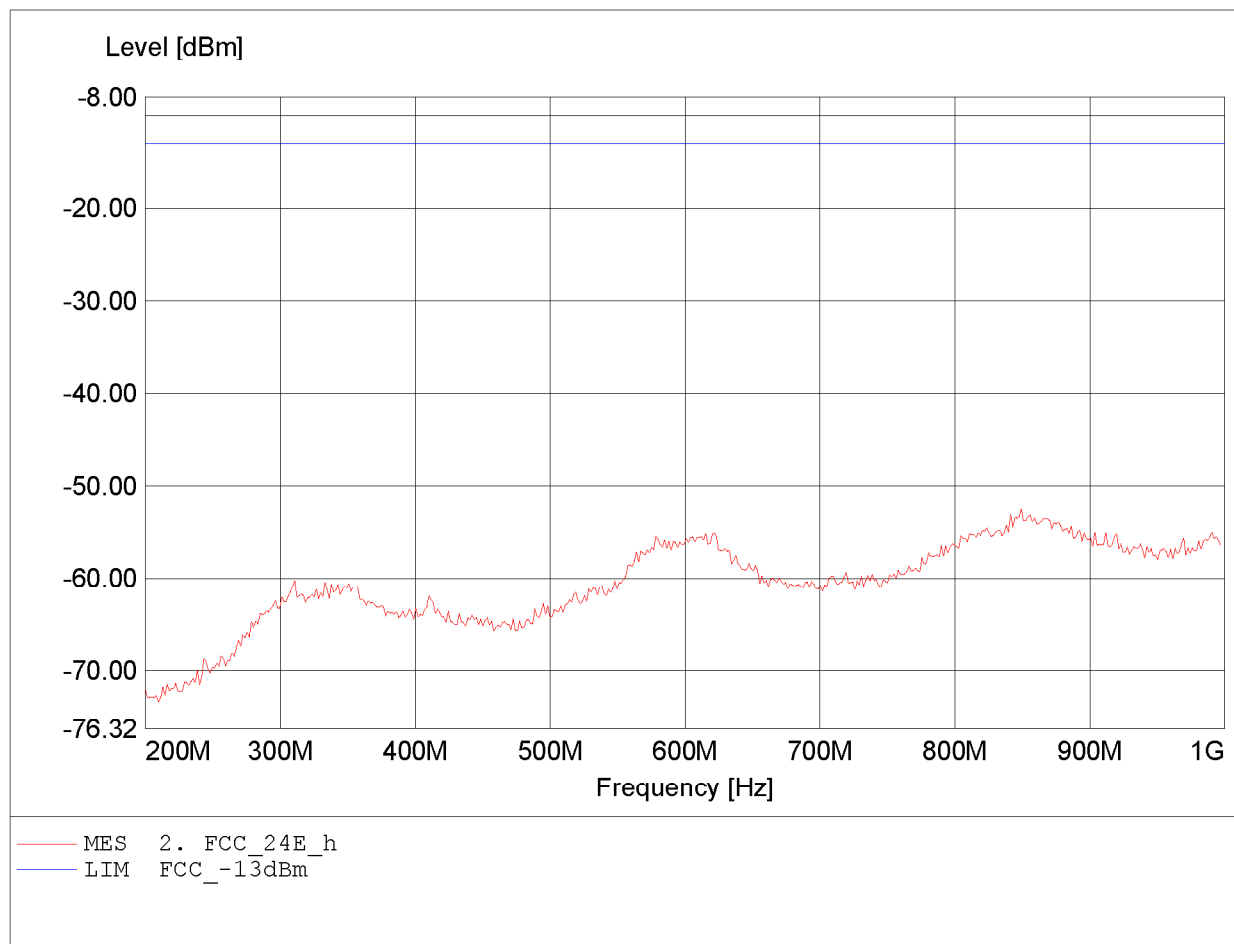
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 988.778MHz, Pmax: -54.04dBm, RBW: 100kHz



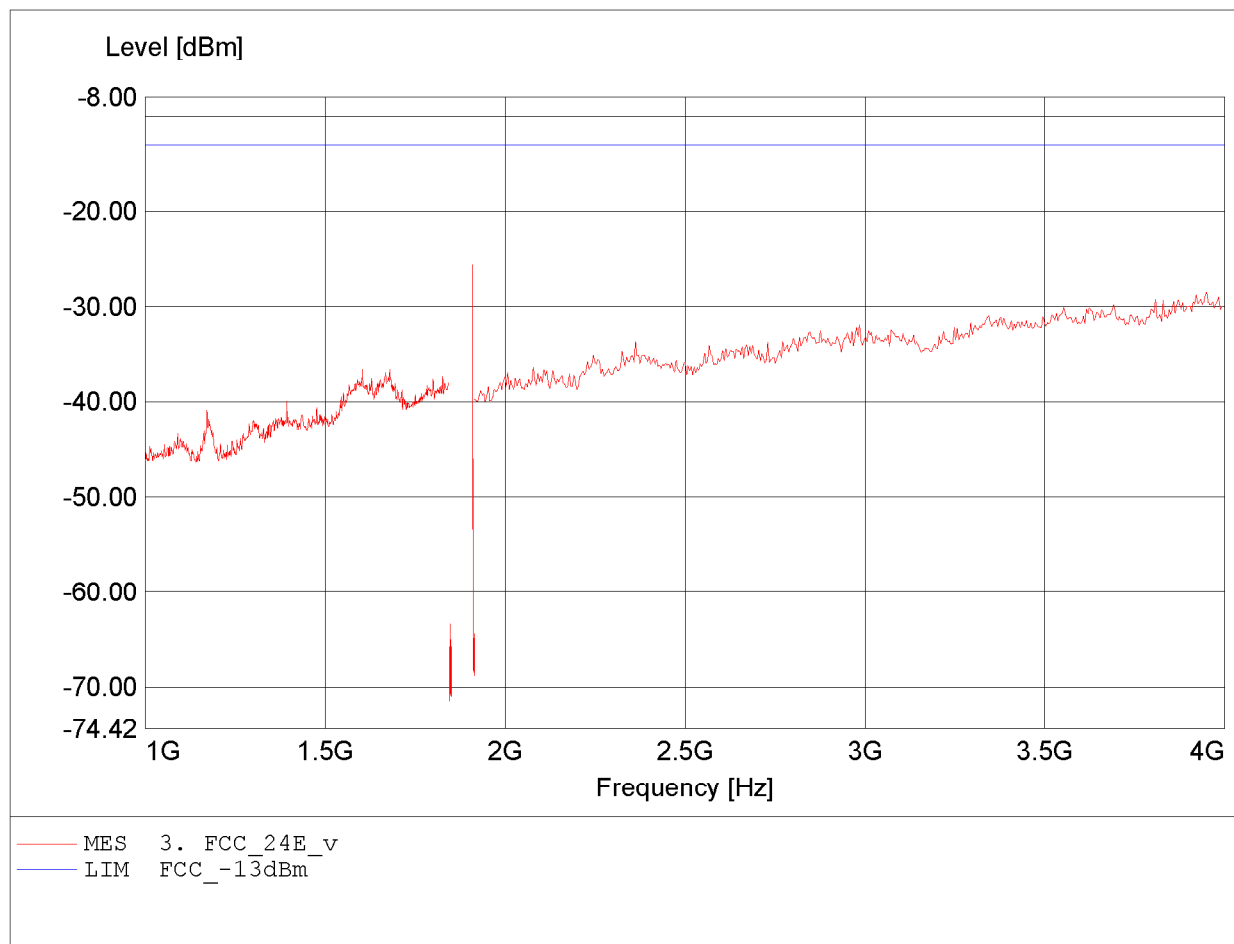
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 849.299MHz, Pmax: -52.49dBm, RBW: 100kHz



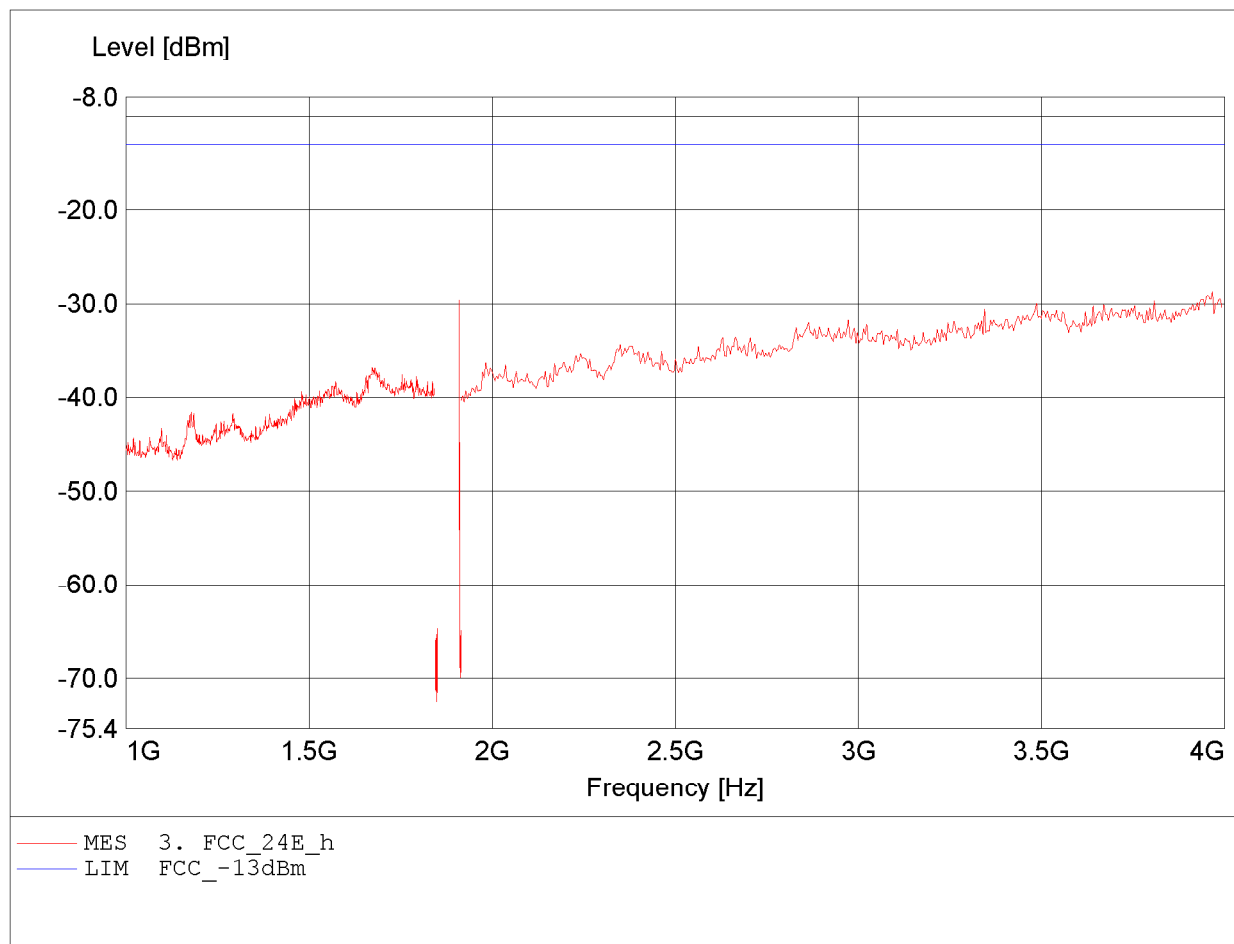
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -25.62dBm, RBW: 1MHz/3kHz



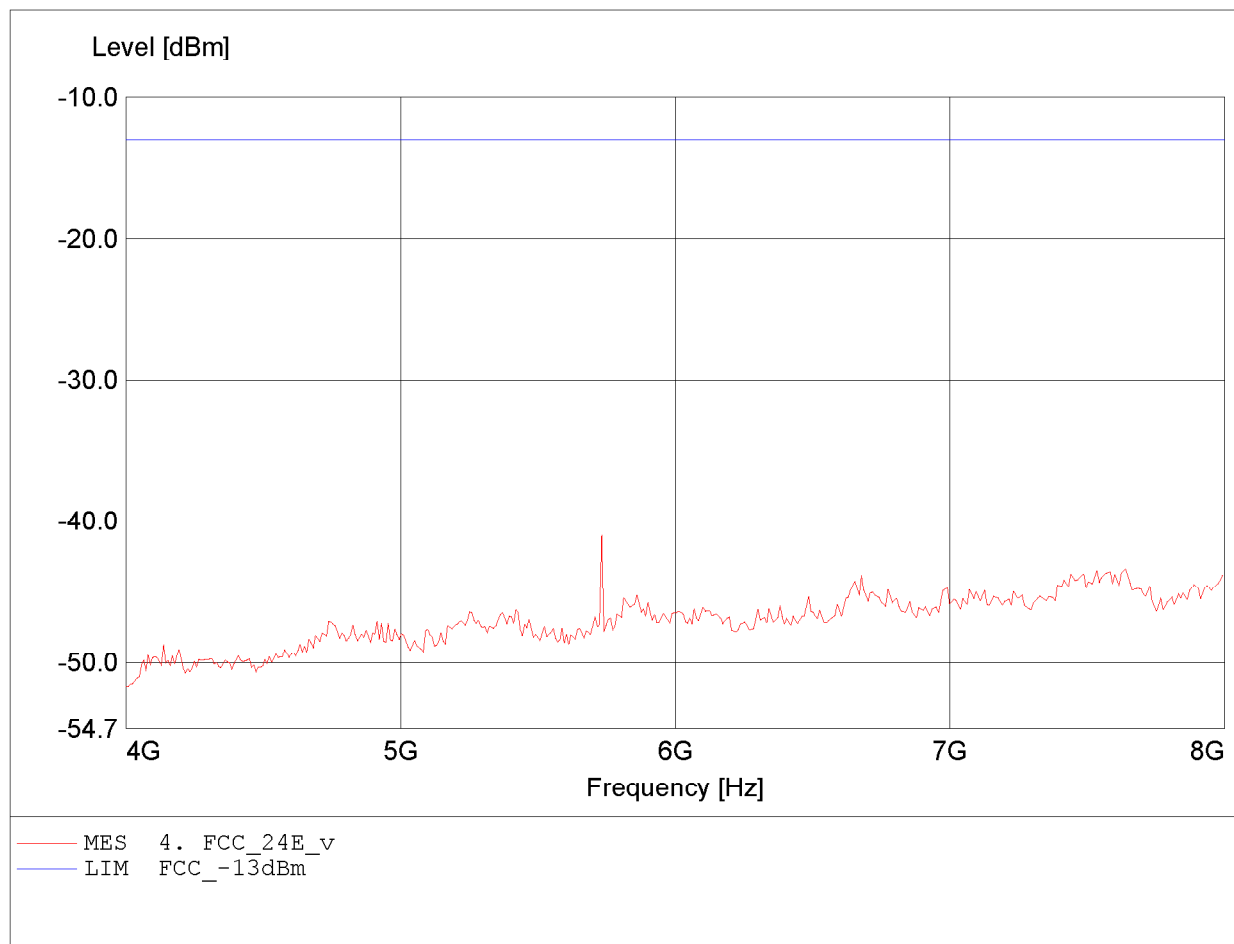
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.967GHz, Pmax: -28.71dBm, RBW: 1MHz/3kHz



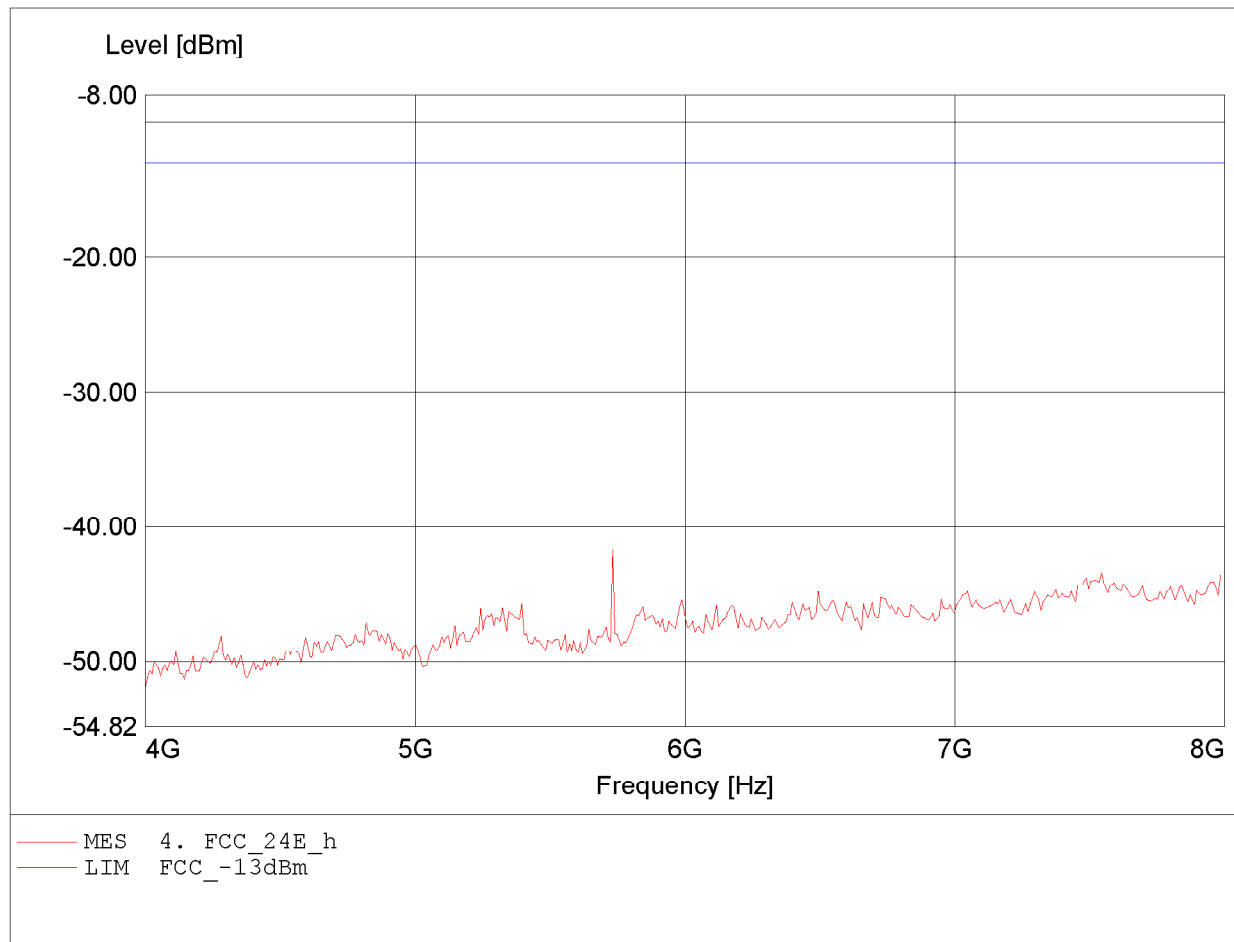
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -40.99dBm, RBW: 1MHz



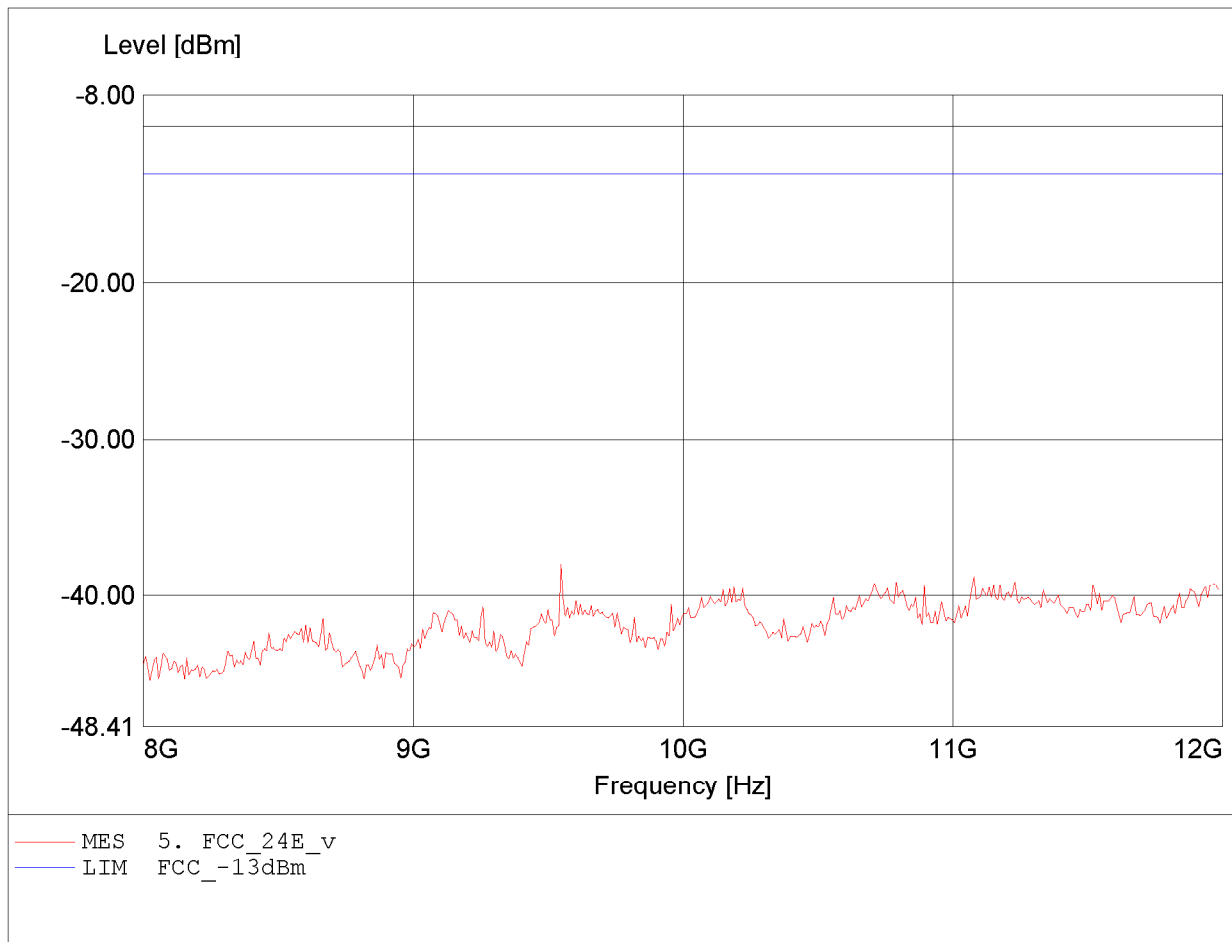
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -41.64dBm, RBW: 1MHz



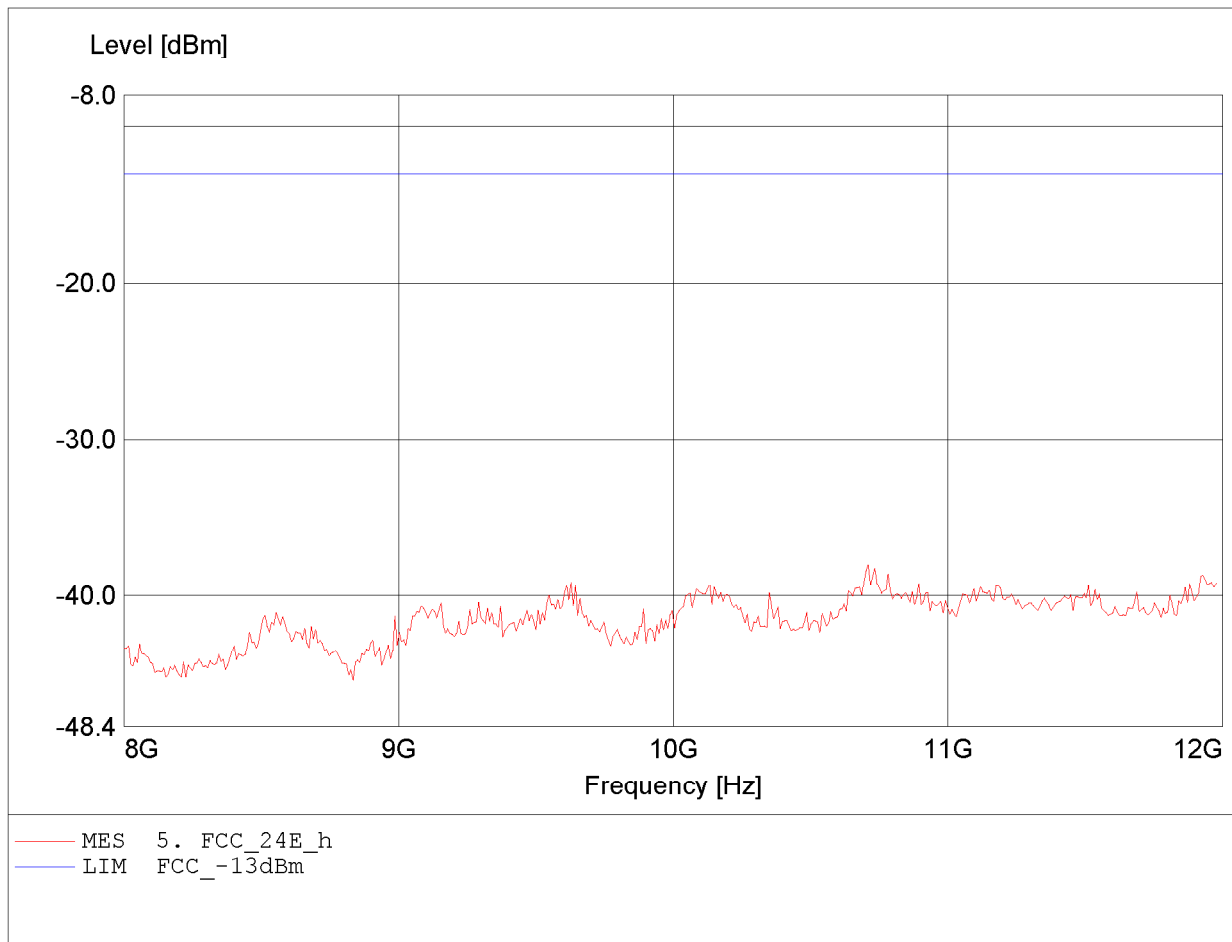
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.547GHz, Pmax: -37.99dBm, RBW: 1MHz



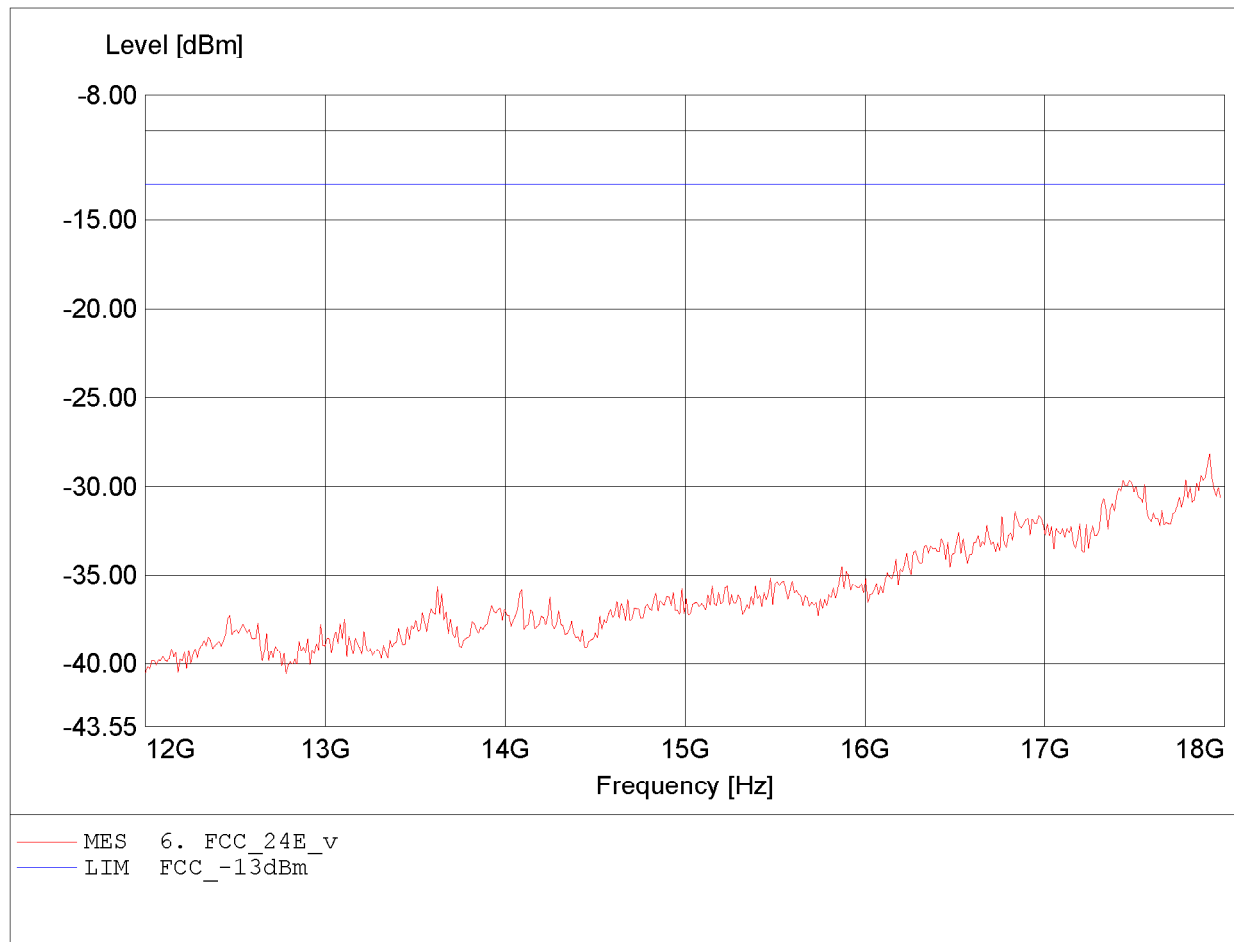
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.709GHz, Pmax: -38.02dBm, RBW: 1MHz



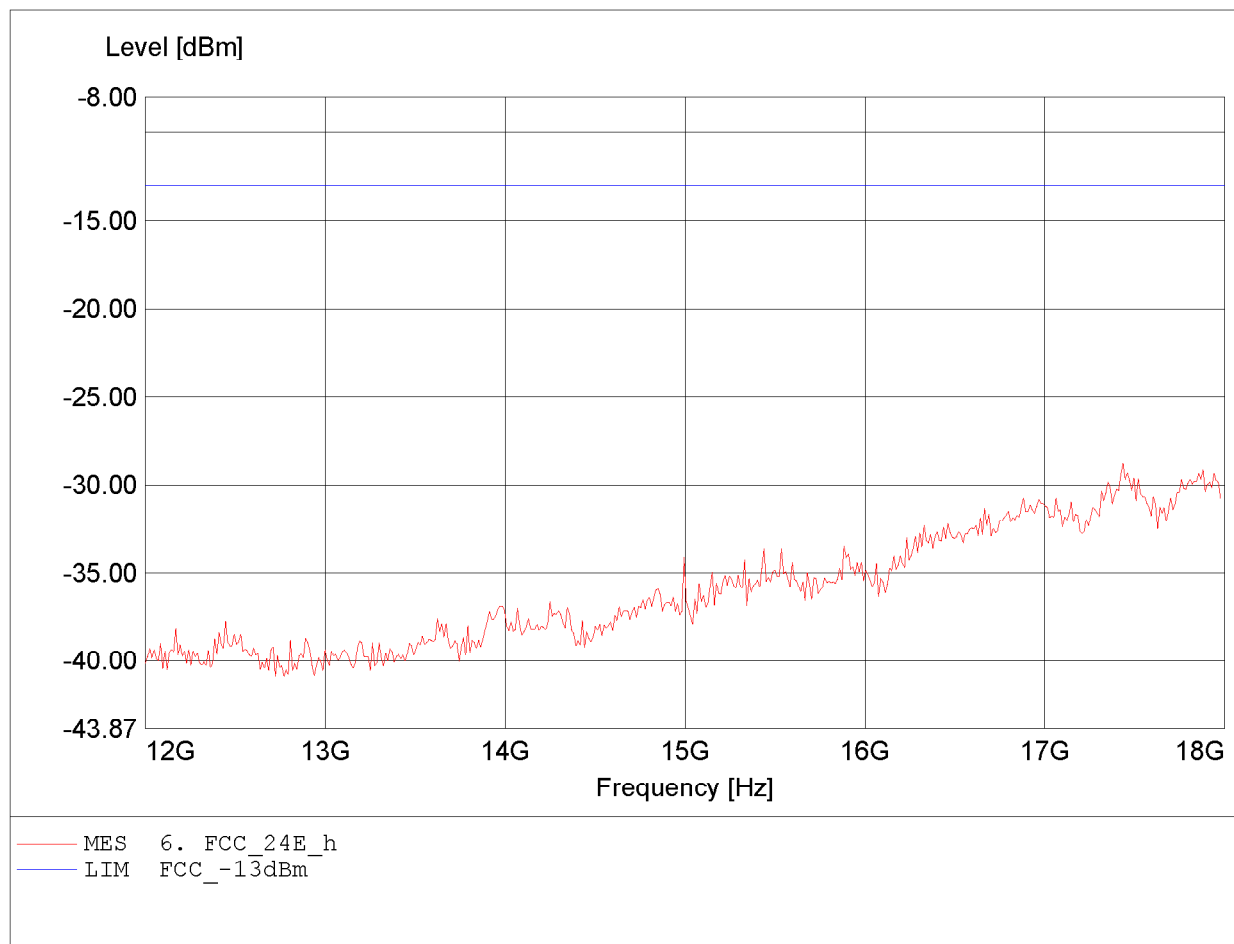
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.916GHz, Pmax: -28.14dBm, RBW: 1MHz



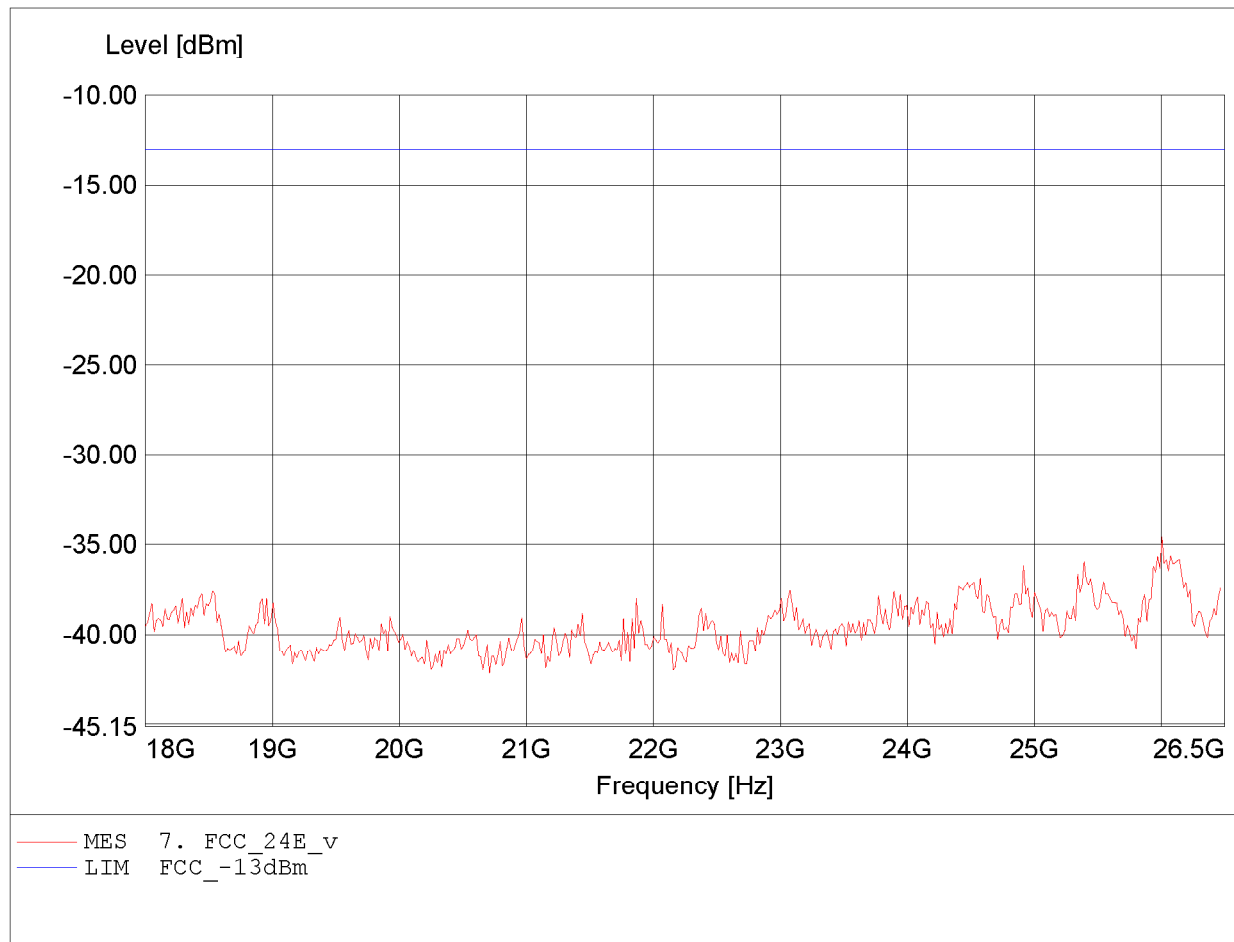
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.435GHz, Pmax: -28.80dBm, RBW: 1MHz



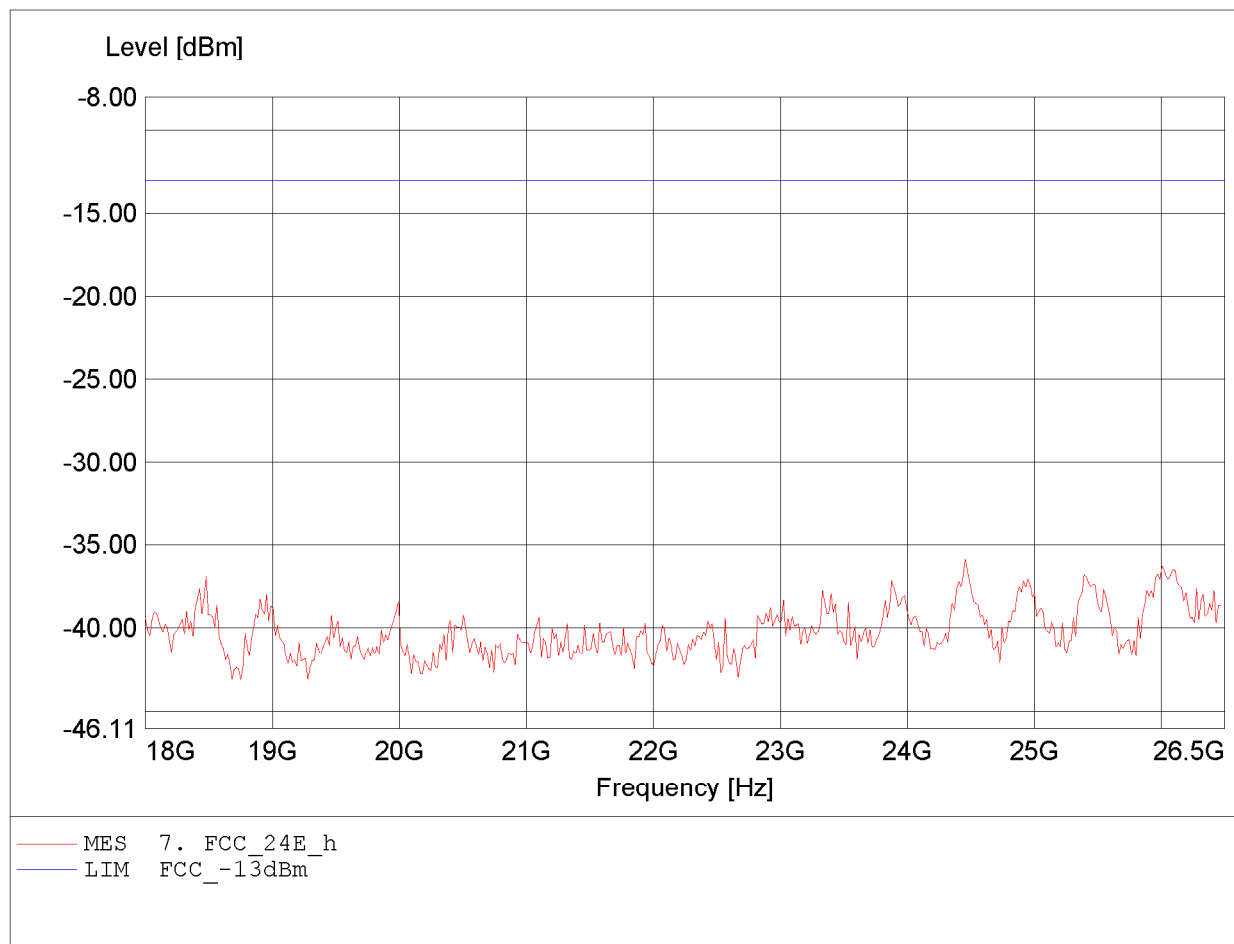
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 26.006GHz, Pmax: -34.61dBm, RBW: 1MHz



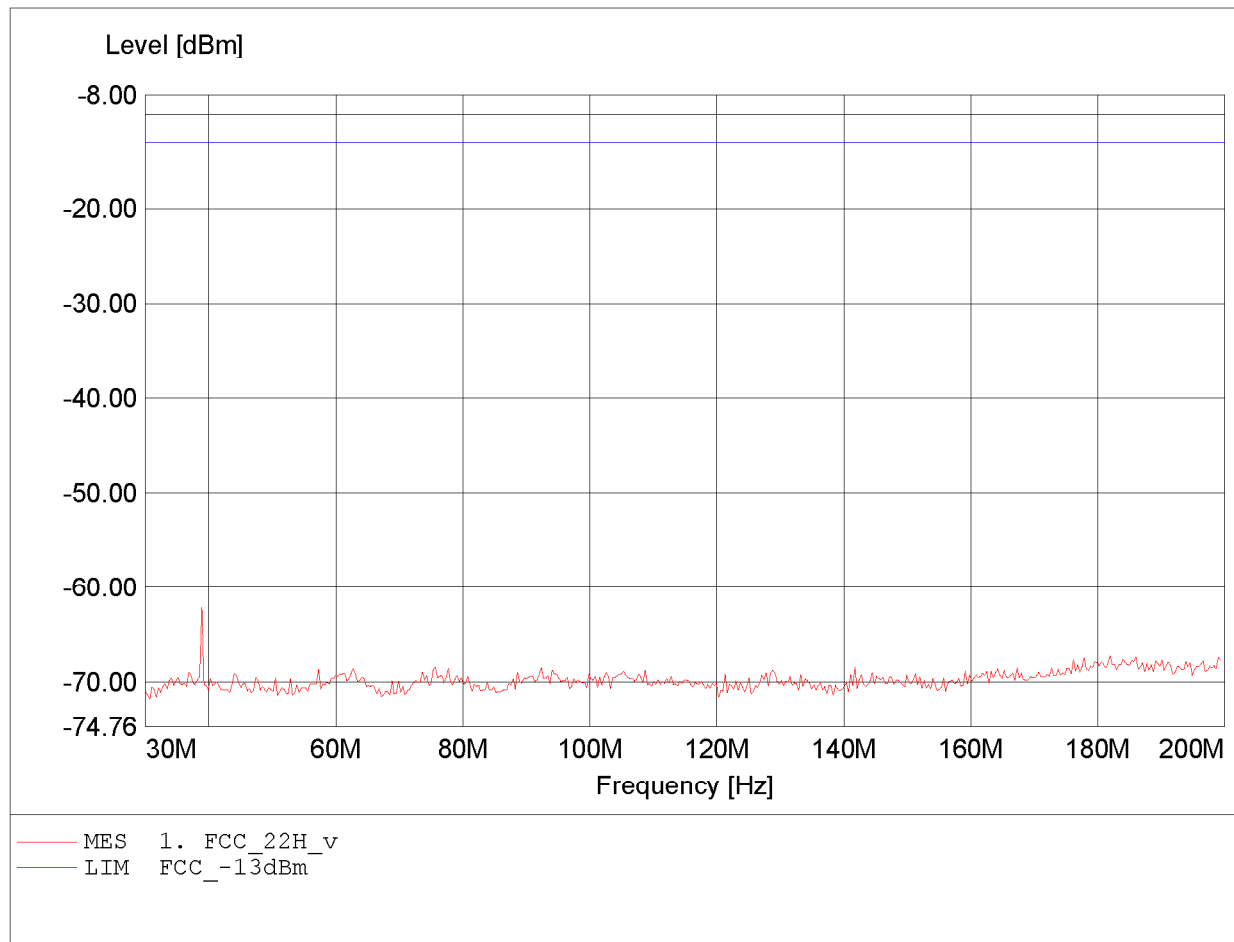
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 810
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.456GHz, Pmax: -35.85dBm, RBW: 1MHz



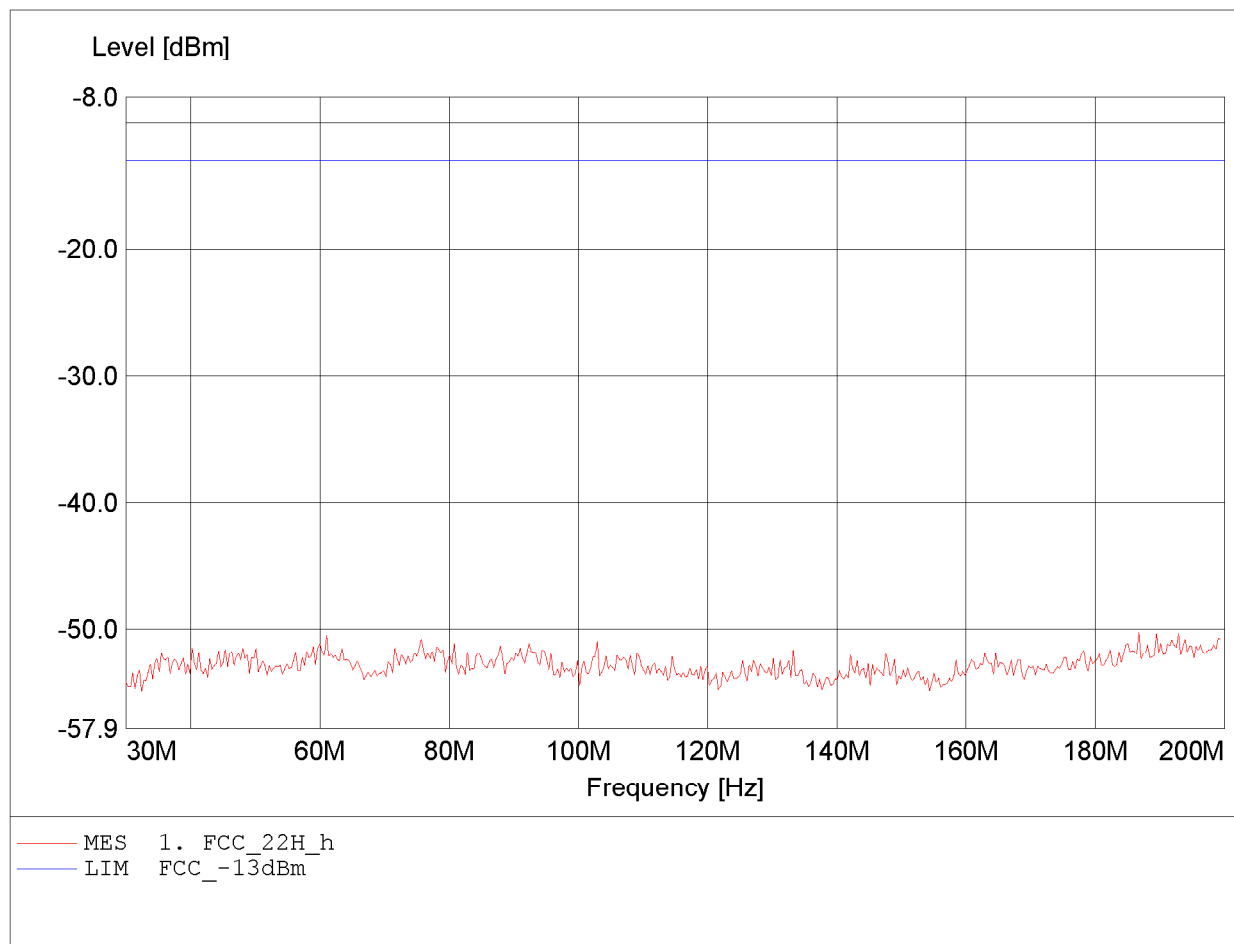
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 38.858MHz, Pmax: -62.18dBm, RBW: 100kHz



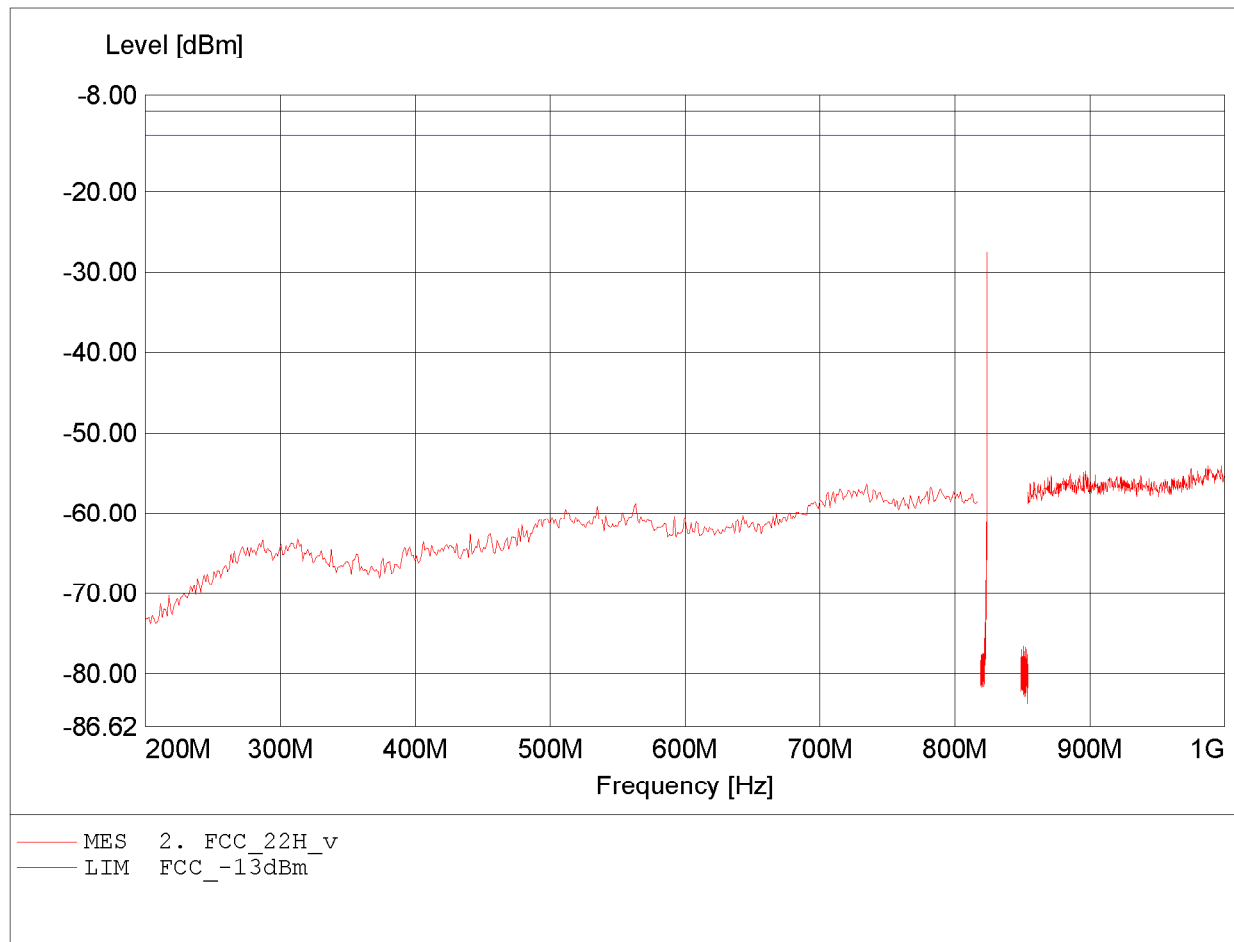
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 186.713MHz, Pmax: -50.24dBm, RBW: 100kHz



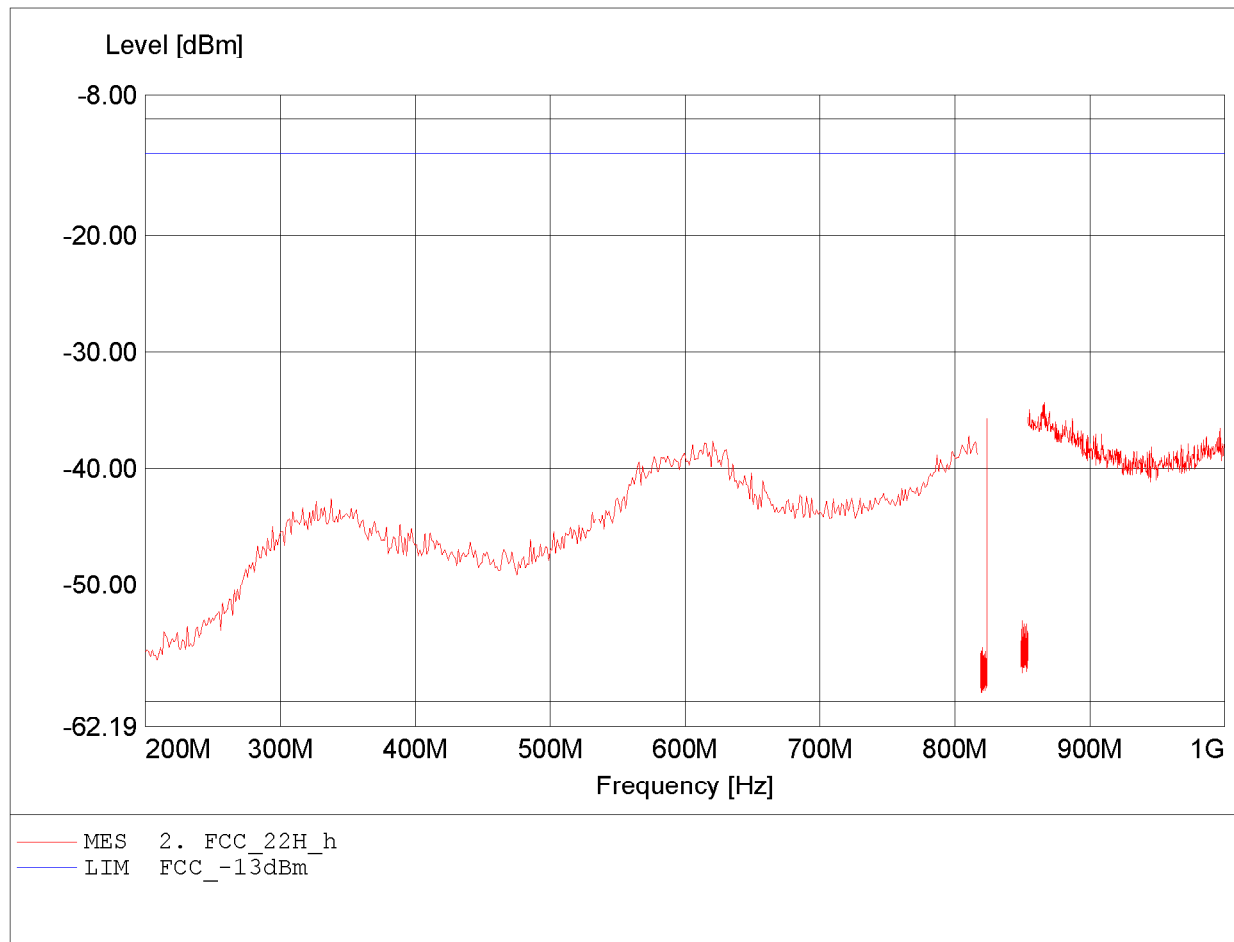
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.980MHz, Pmax: -27.44dBm, RBW: 100kHz



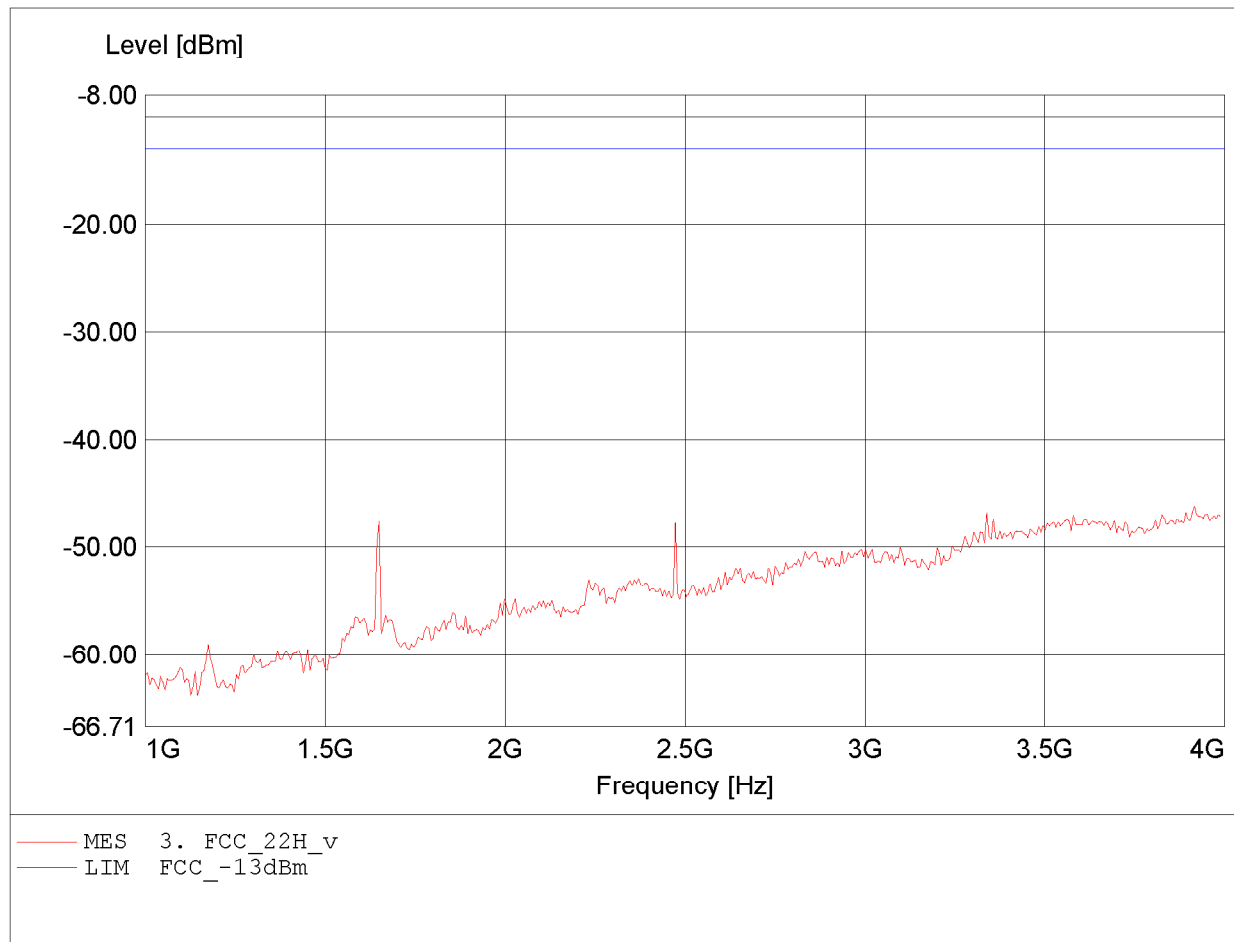
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 866.289MHz, Pmax: -34.36dBm, RBW: 100kHz



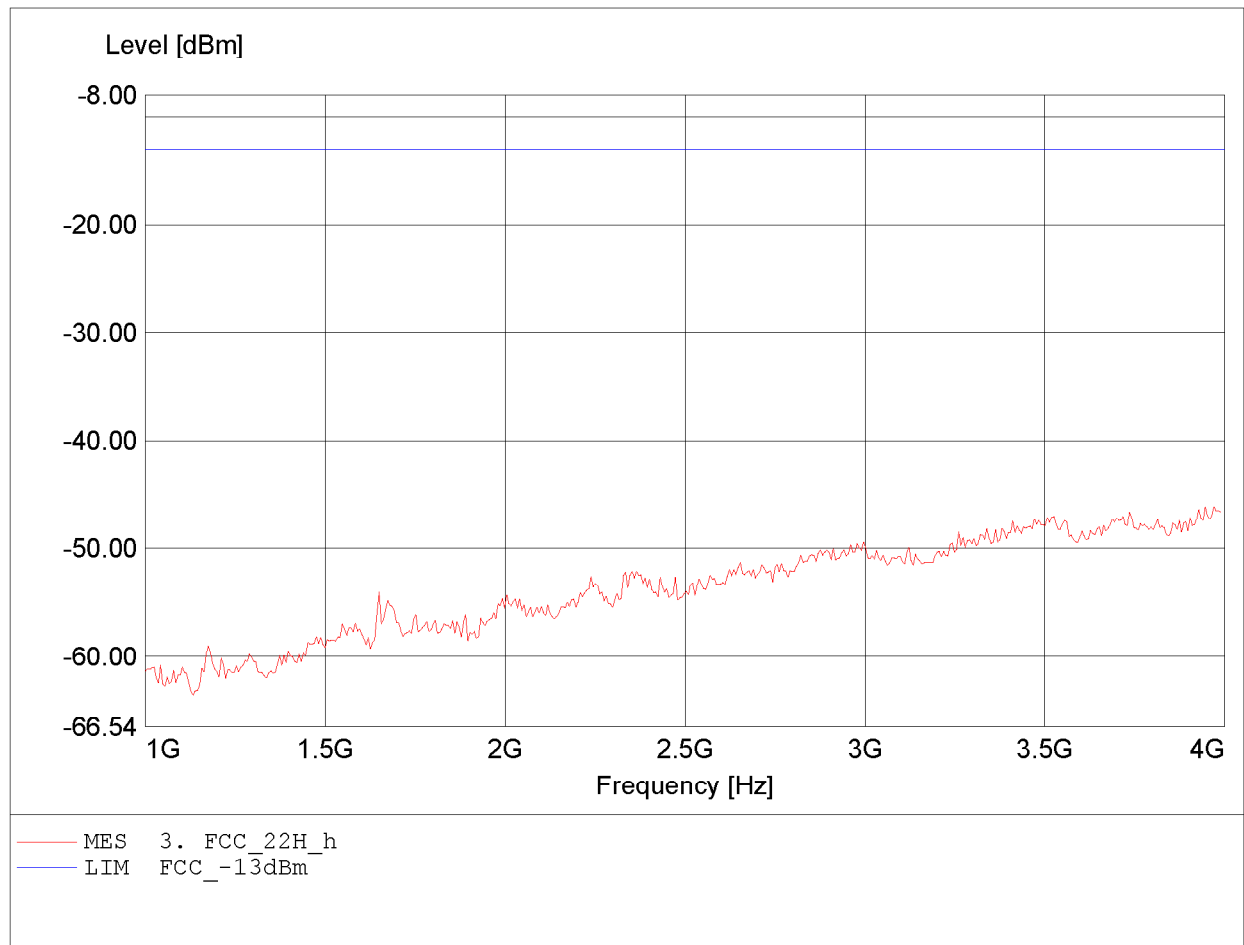
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.916GHz, Pmax: -46.16dBm, RBW: 1MHz



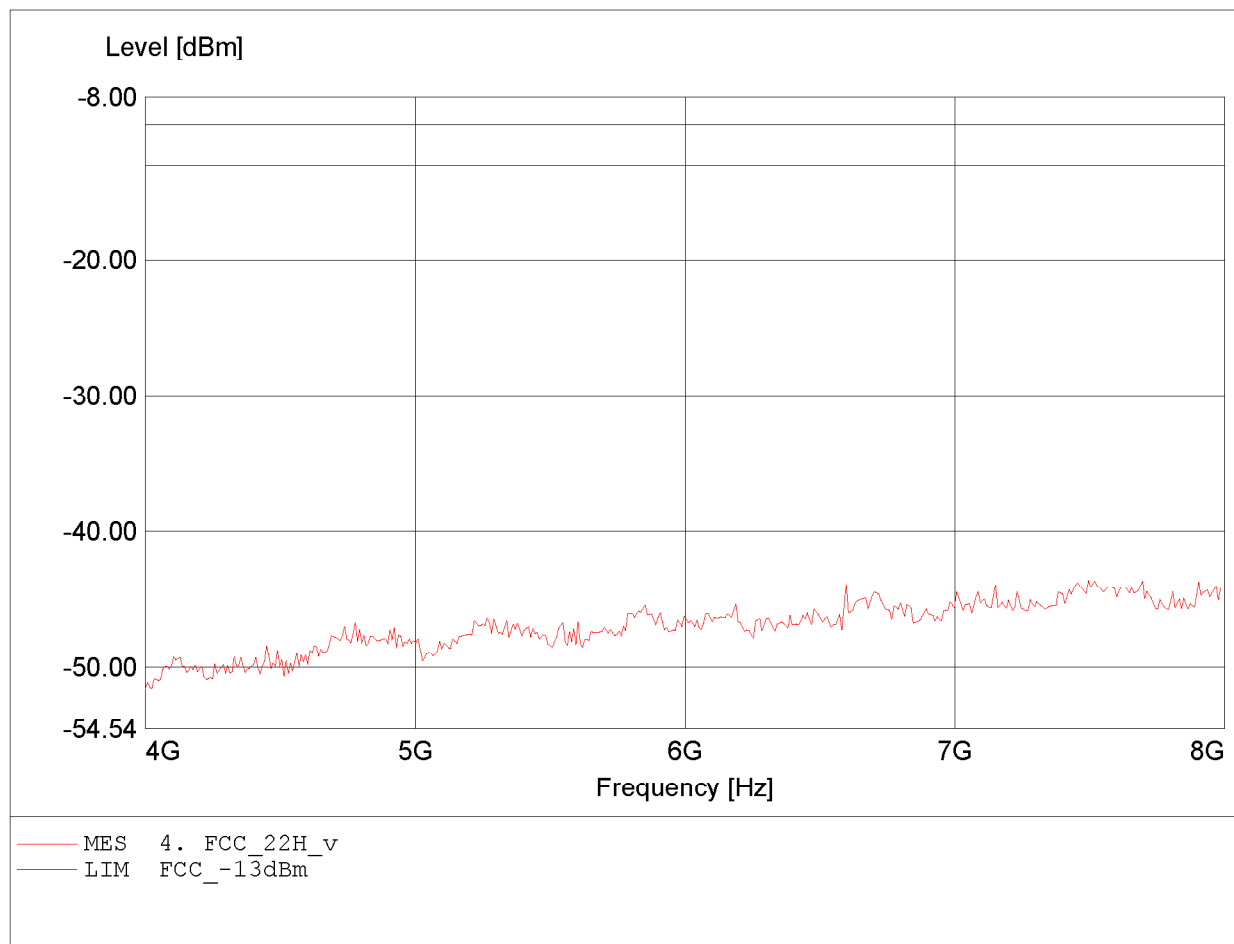
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.970GHz, Pmax: -46.09dBm, RBW: 1MHz



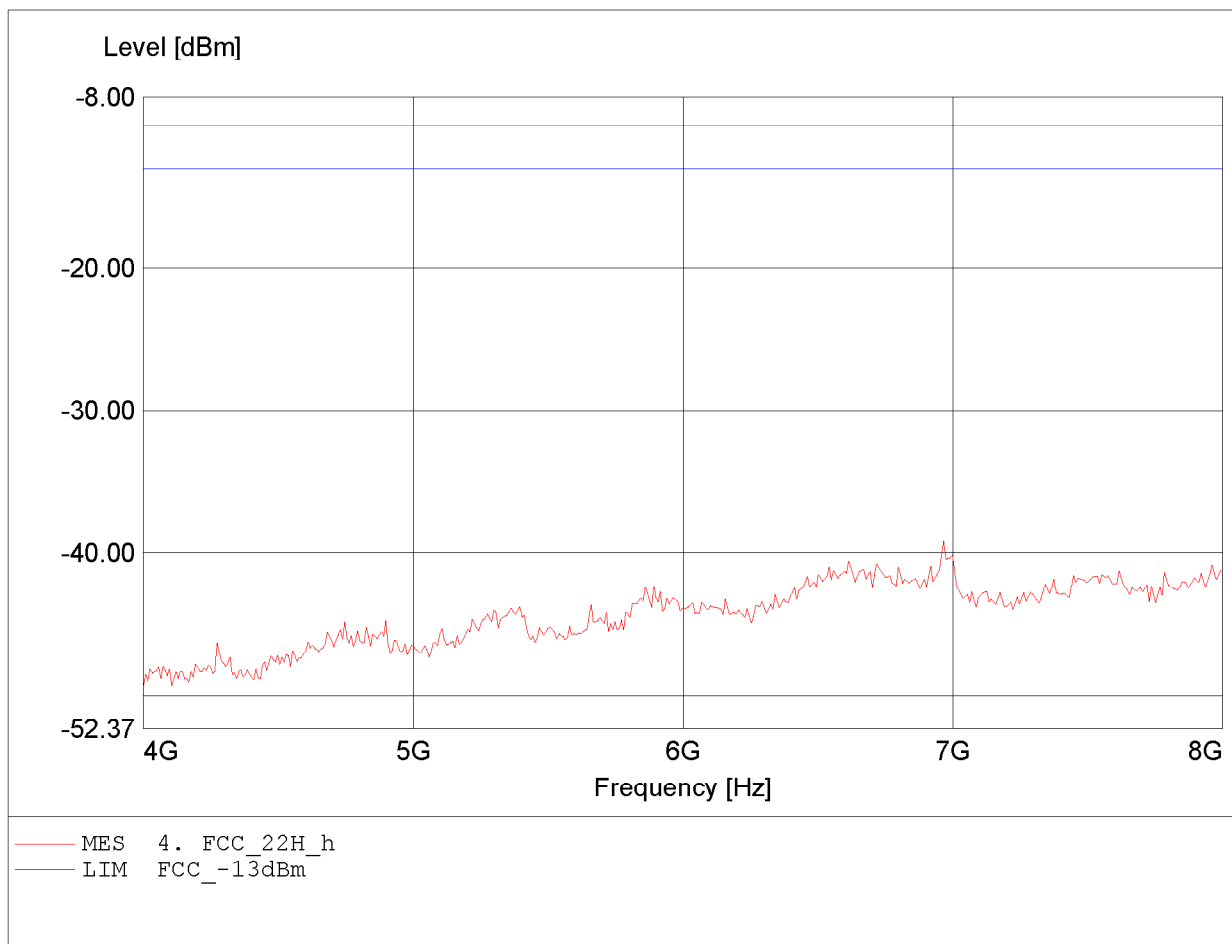
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.495GHz, Pmax: -43.59dBm, RBW: 1MHz



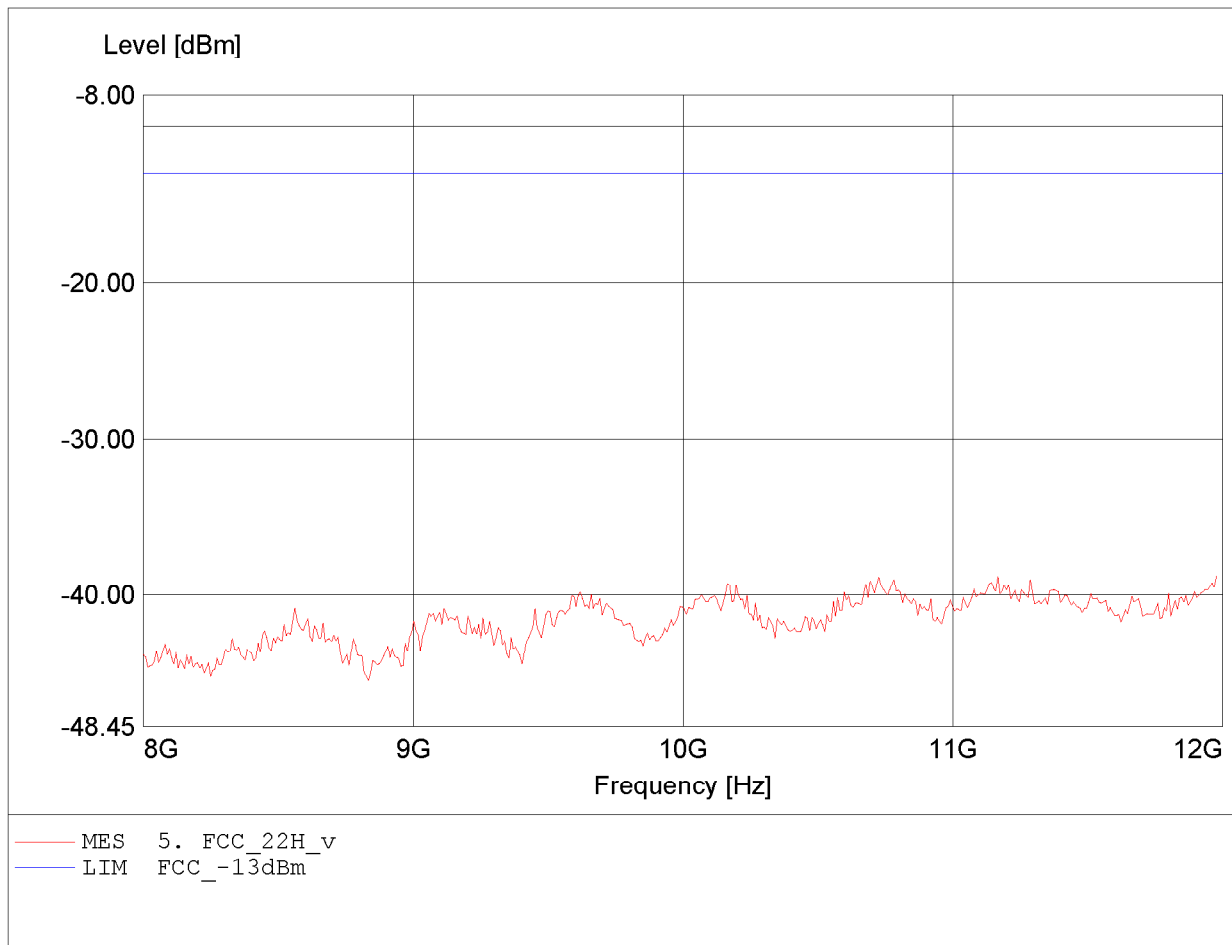
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.966GHz, Pmax: -39.20dBm, RBW: 1MHz



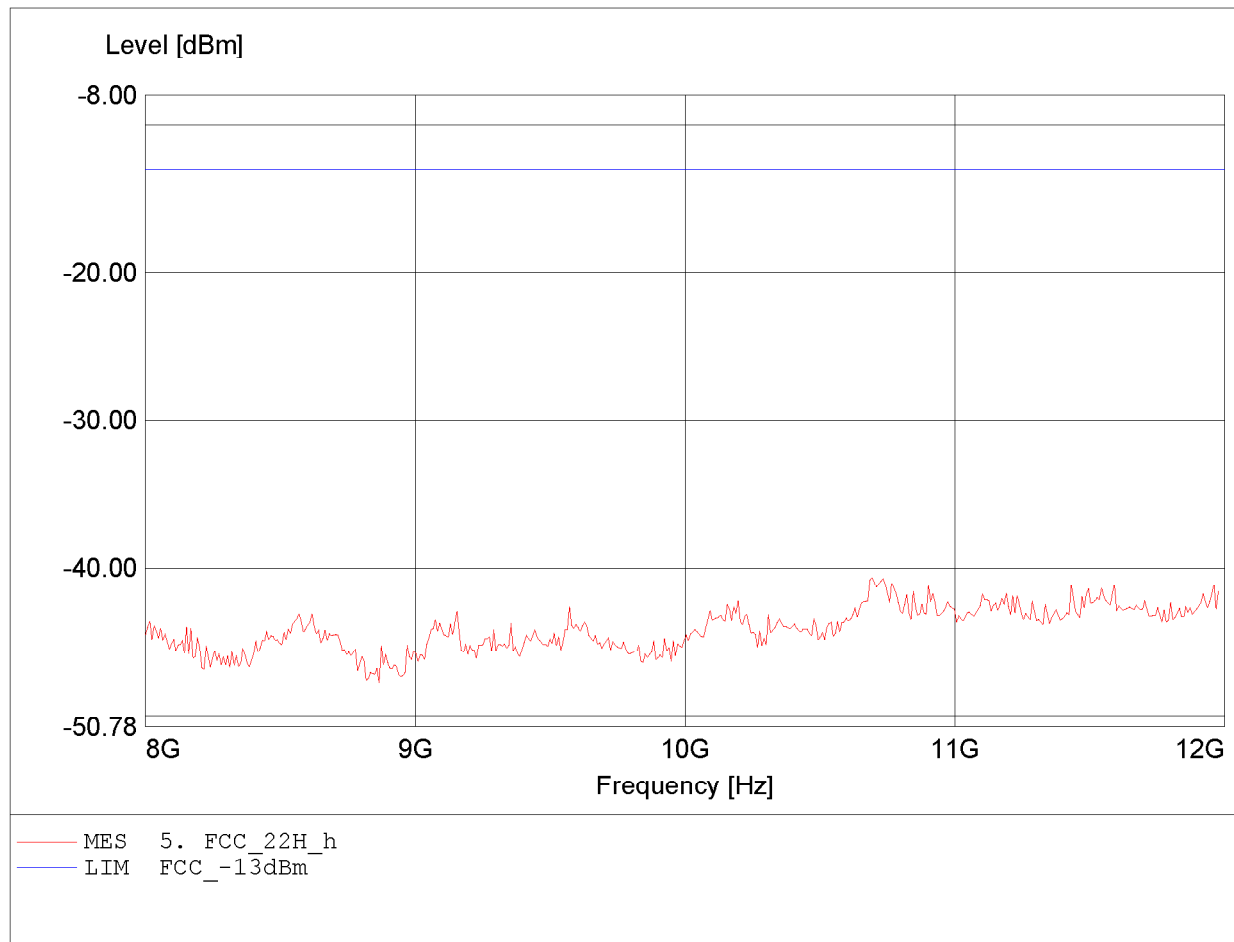
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.976GHz, Pmax: -38.78dBm, RBW: 1MHz



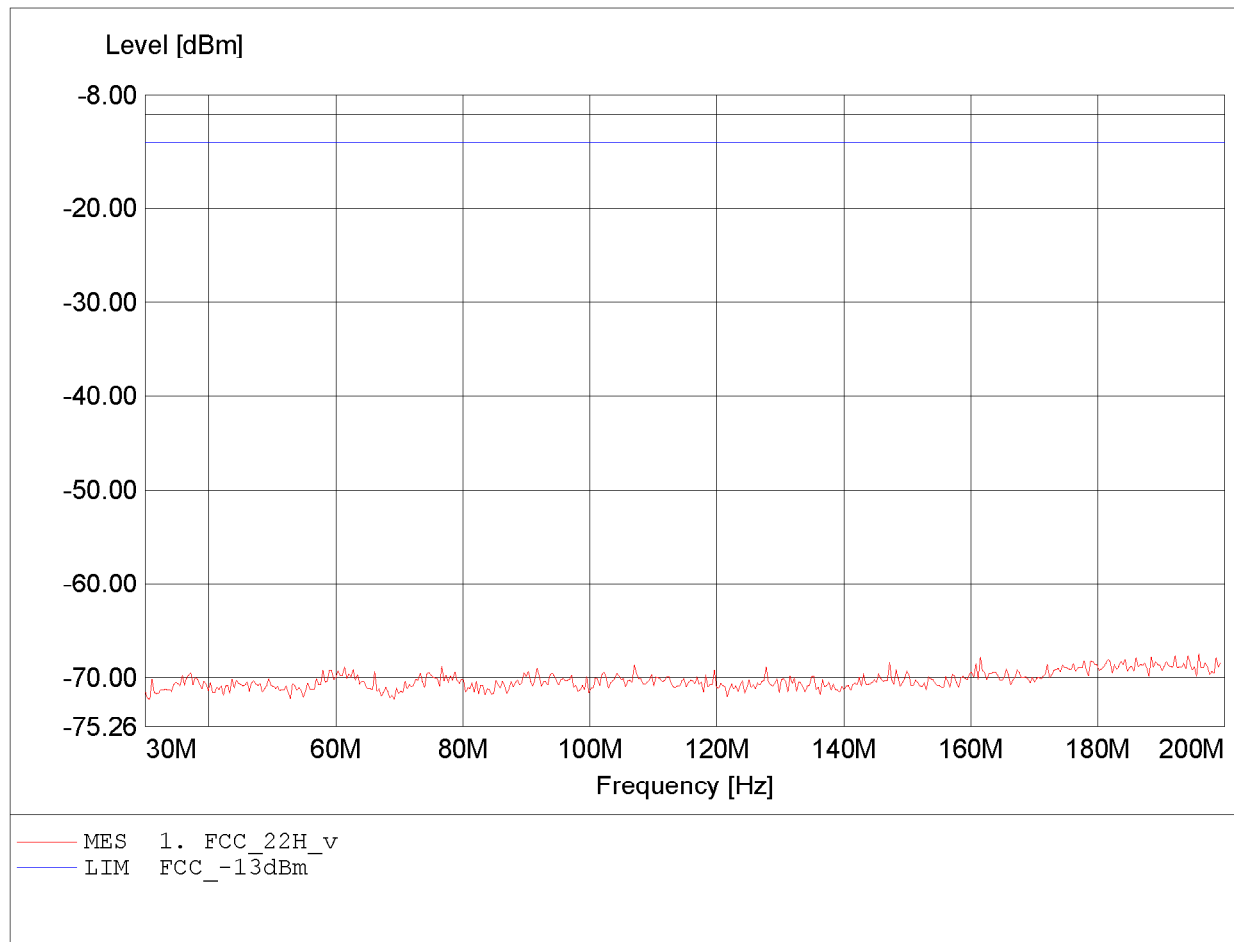
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 128
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.693GHz, Pmax: -40.66dBm, RBW: 1MHz



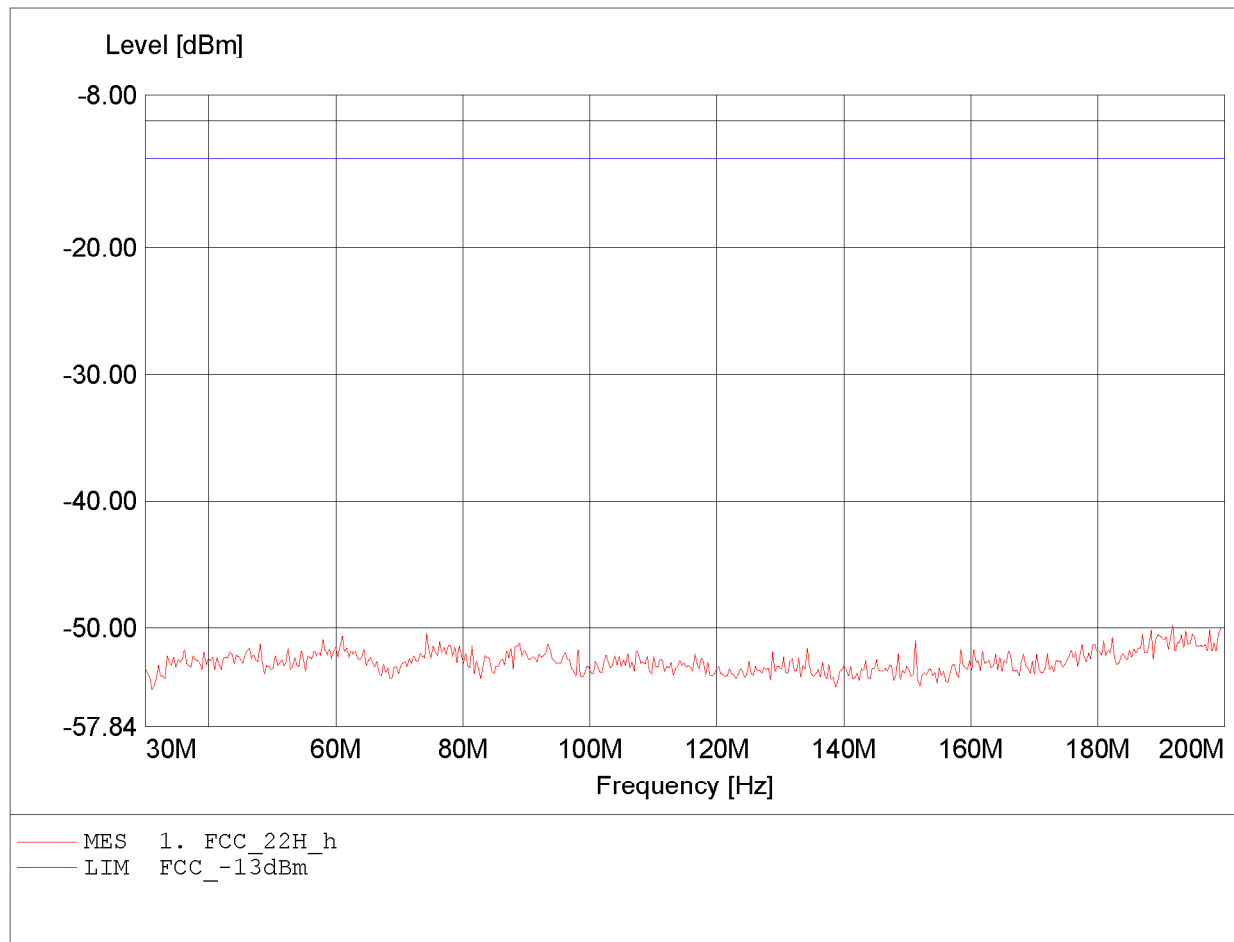
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.912MHz, Pmax: -67.53dBm, RBW: 100kHz



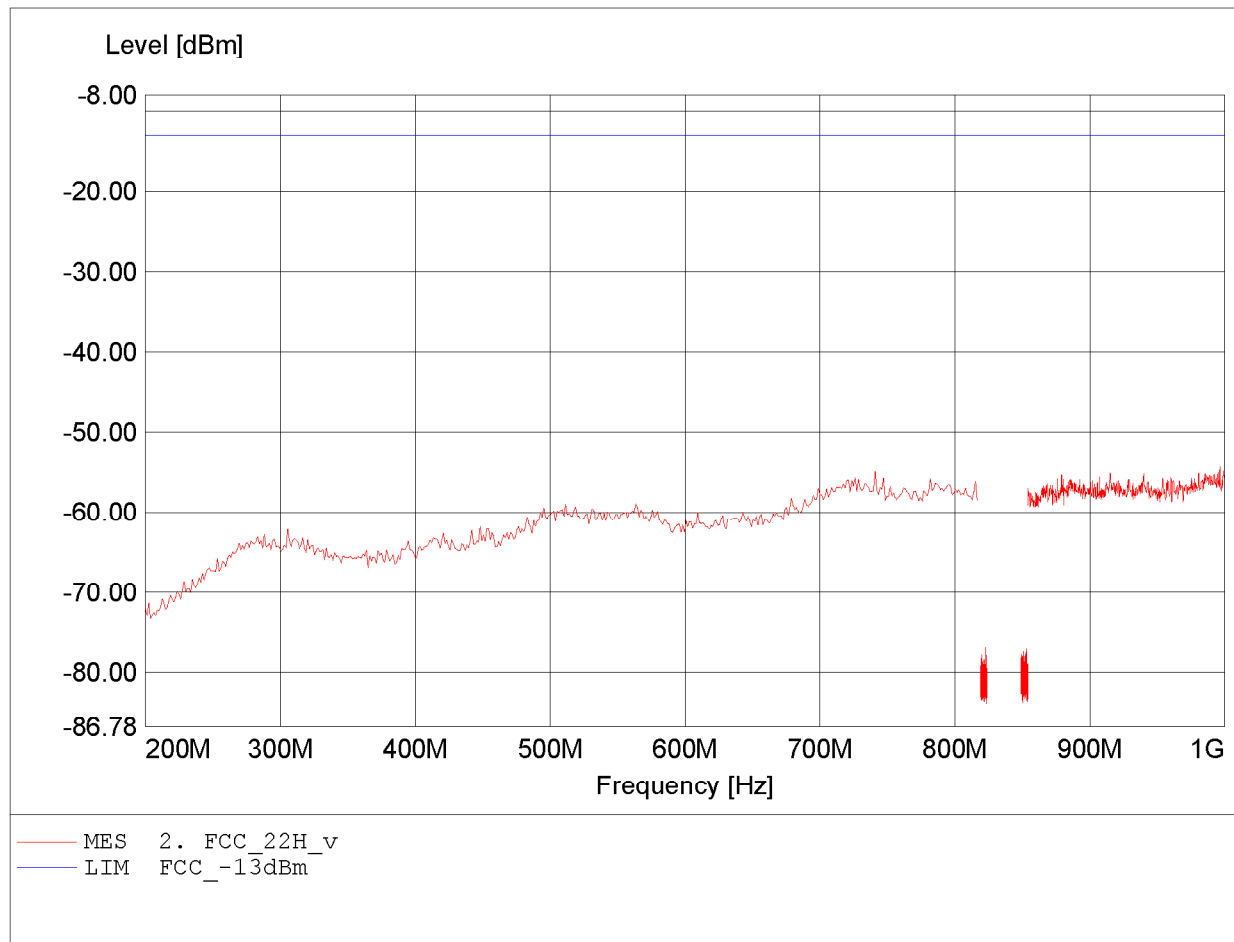
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 191.824MHz, Pmax: -49.78dBm, RBW: 100kHz



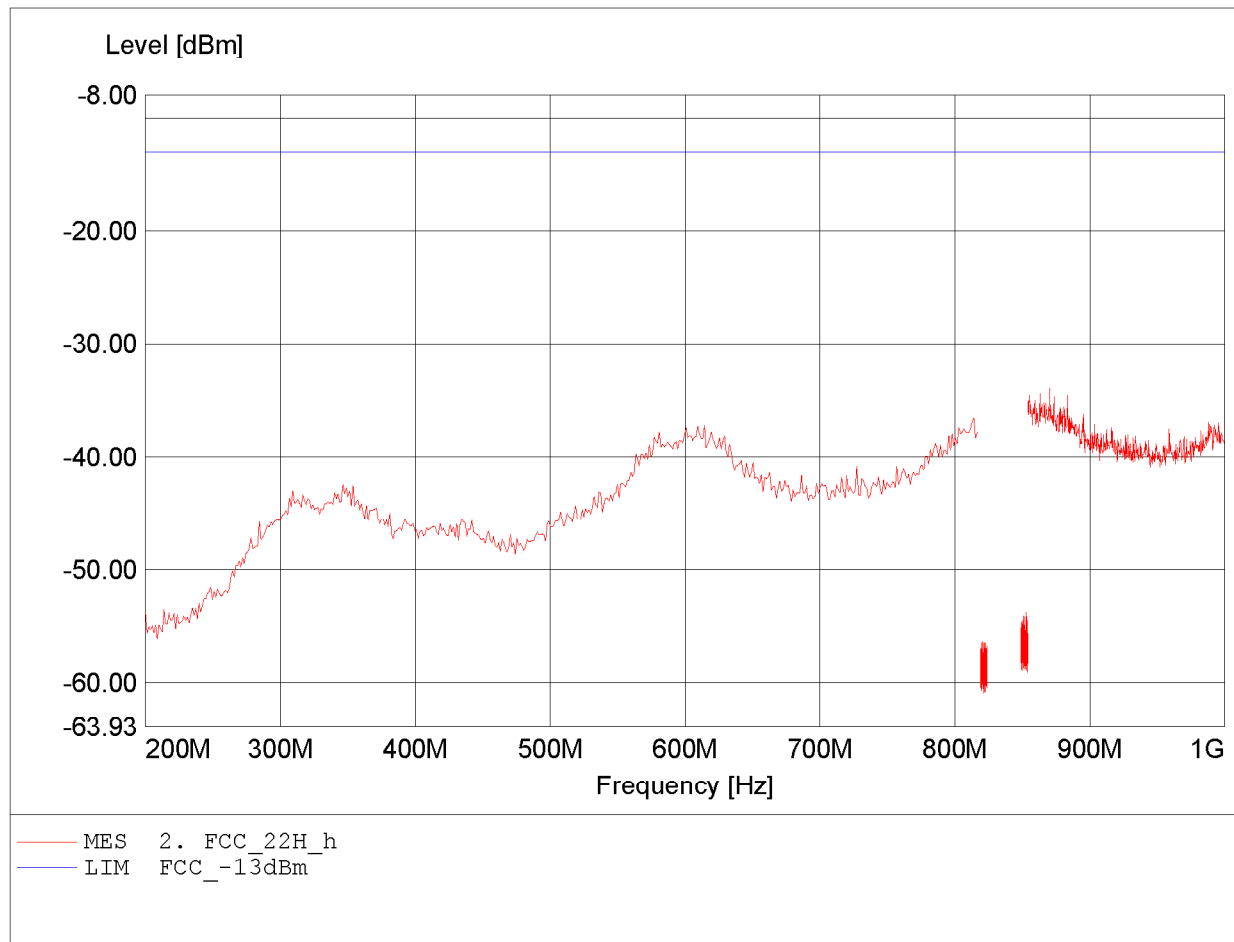
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 996.489MHz, Pmax: -54.31dBm, RBW: 100kHz



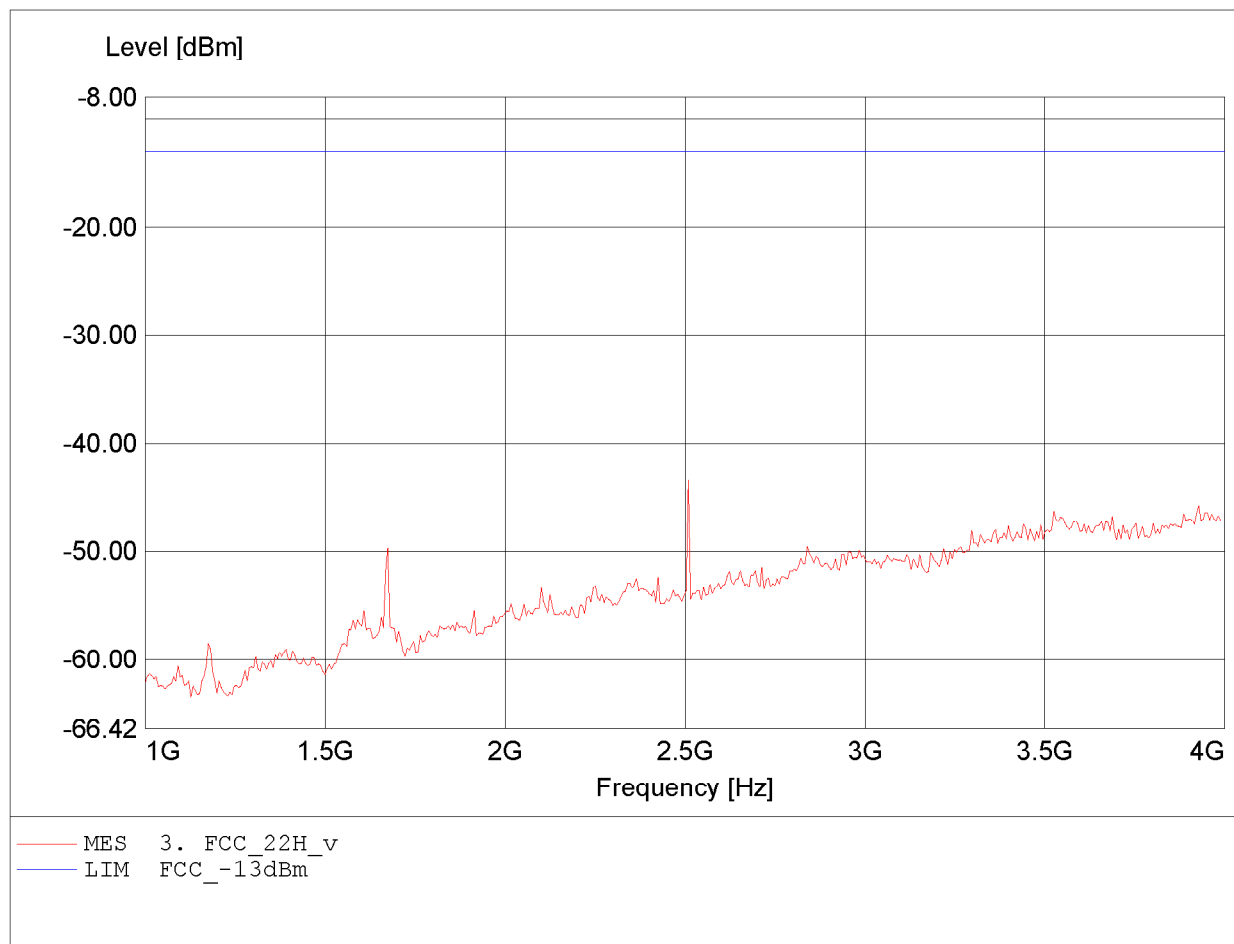
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 870.385MHz, Pmax: -33.90dBm, RBW: 100kHz



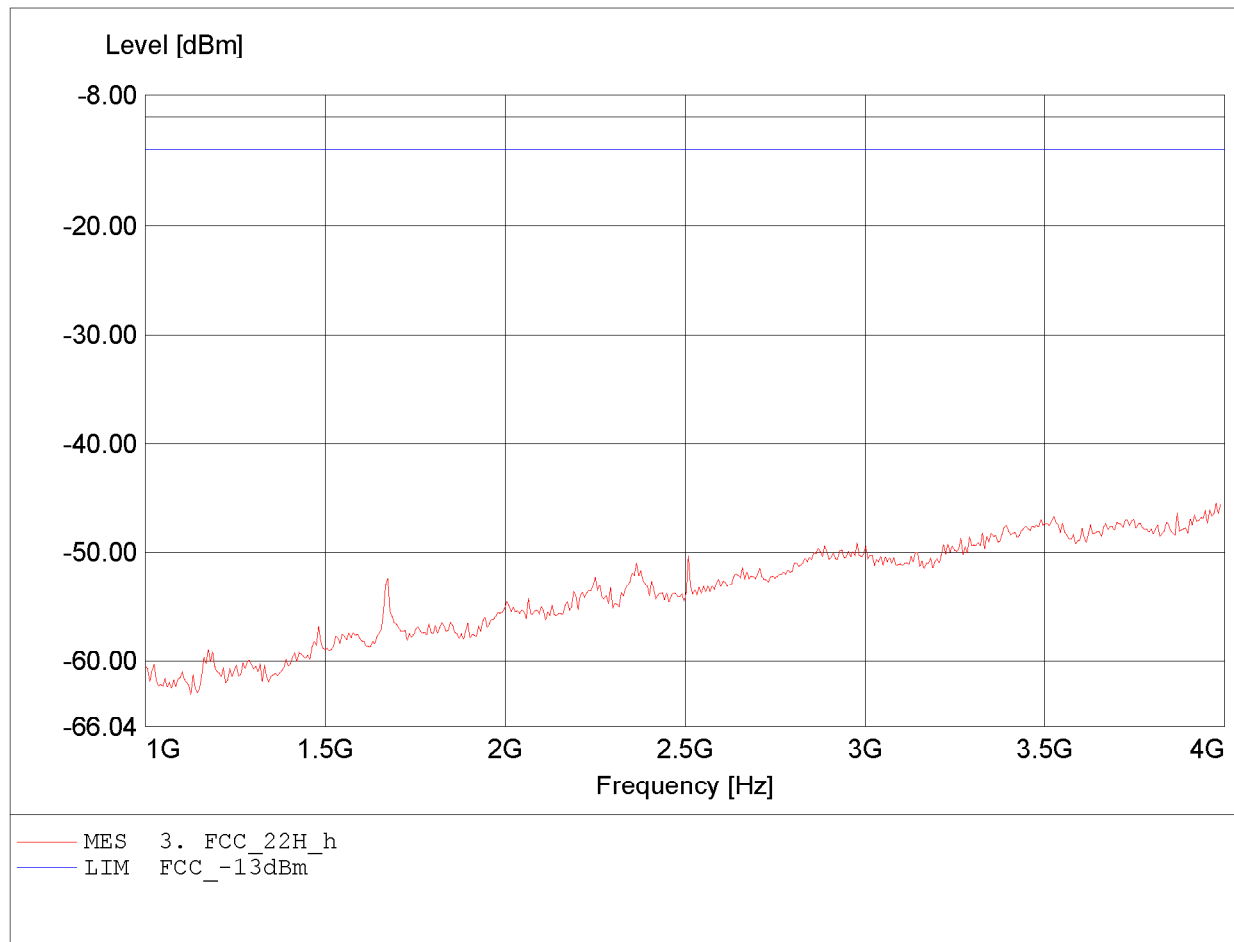
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.509GHz, Pmax: -43.36dBm, RBW: 1MHz



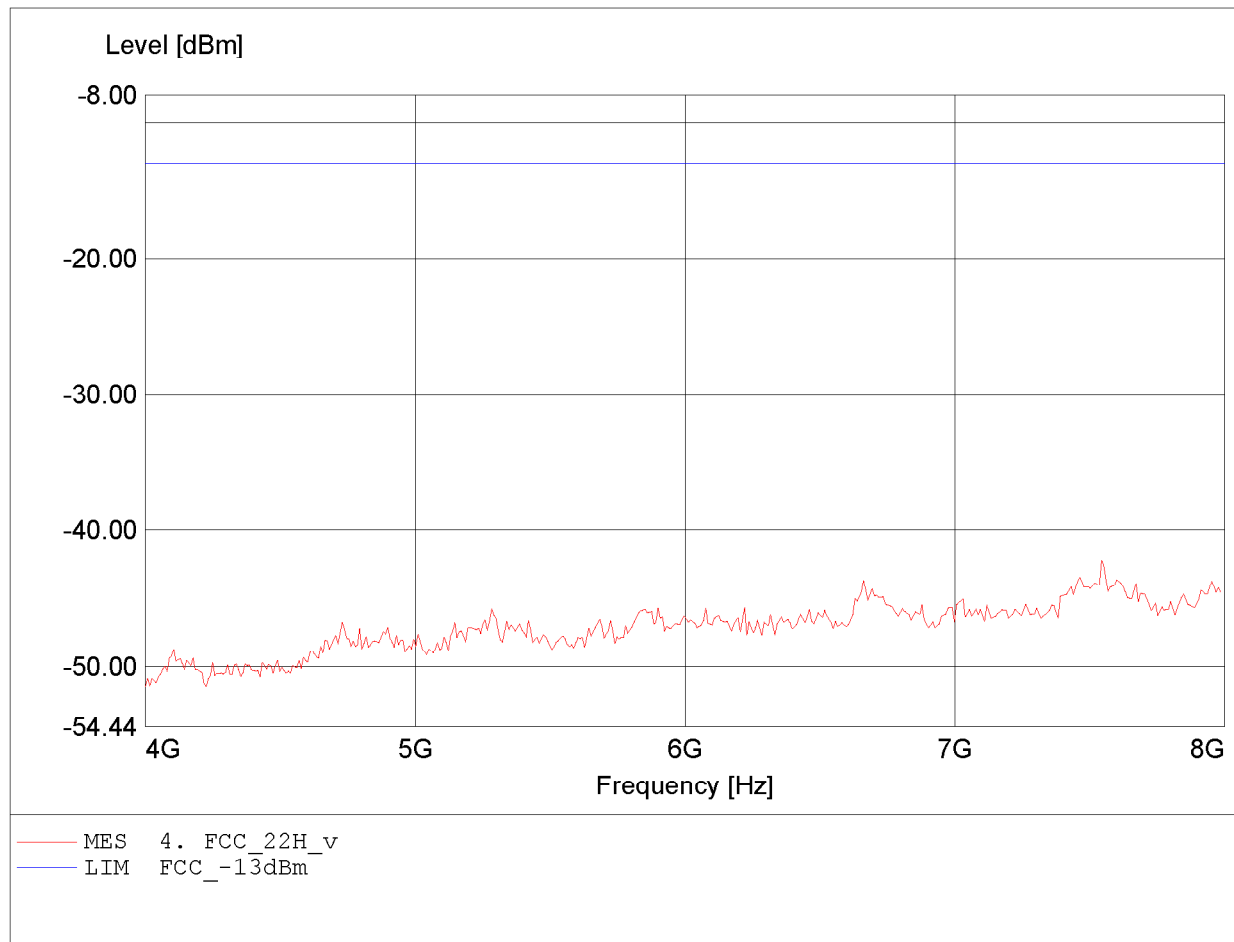
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.976GHz, Pmax: -45.47dBm, RBW: 1MHz



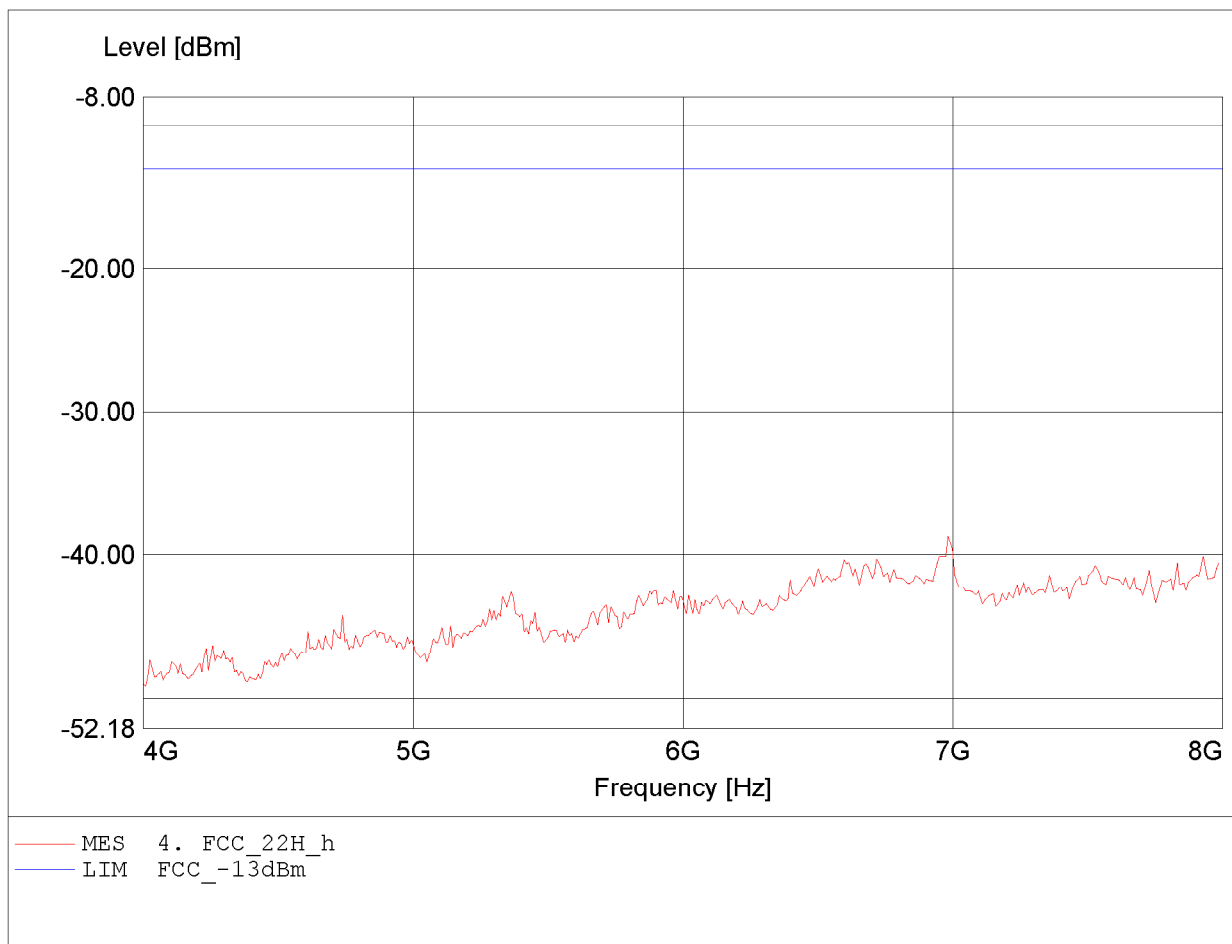
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.543GHz, Pmax: -42.18dBm, RBW: 1MHz



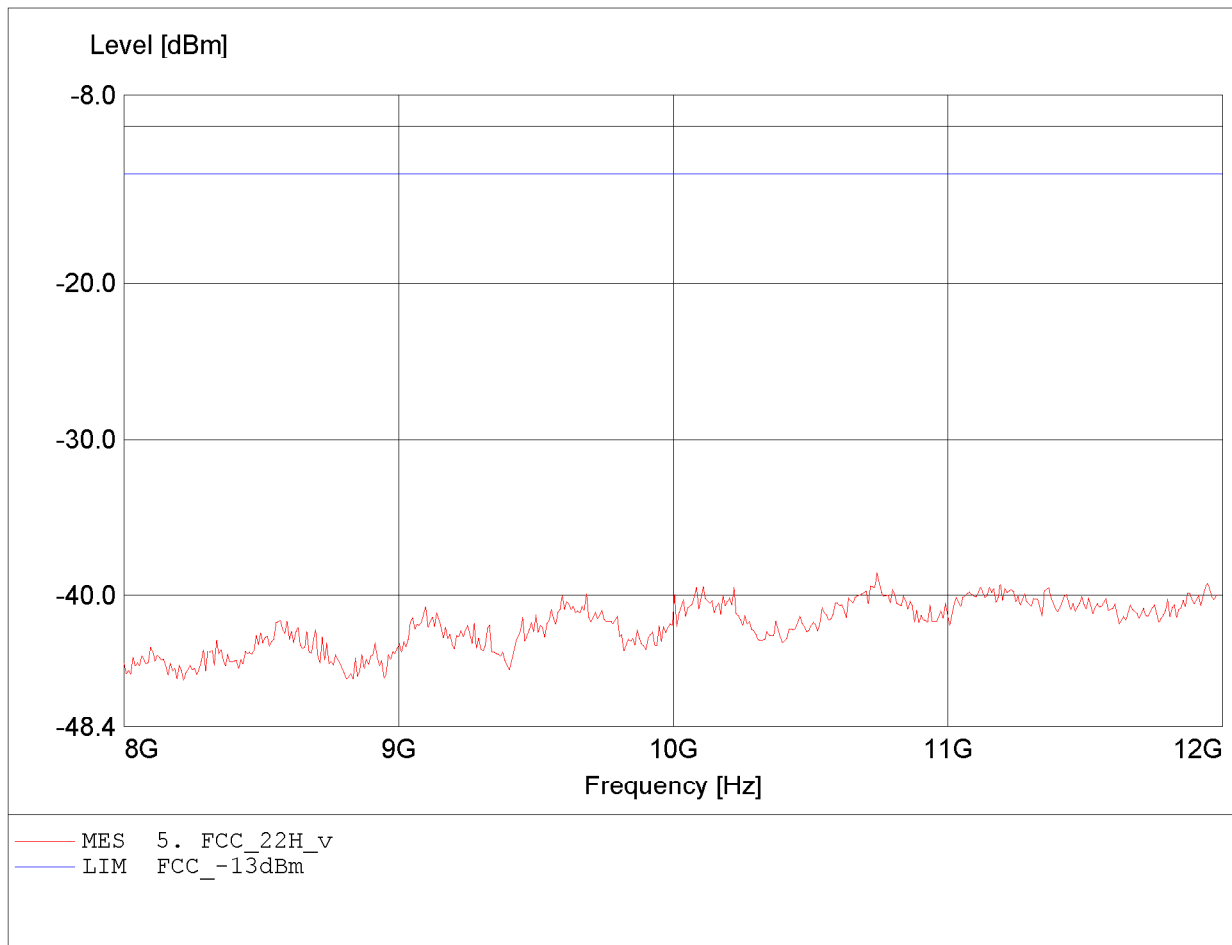
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.982GHz, Pmax: -38.74dBm, RBW: 1MHz



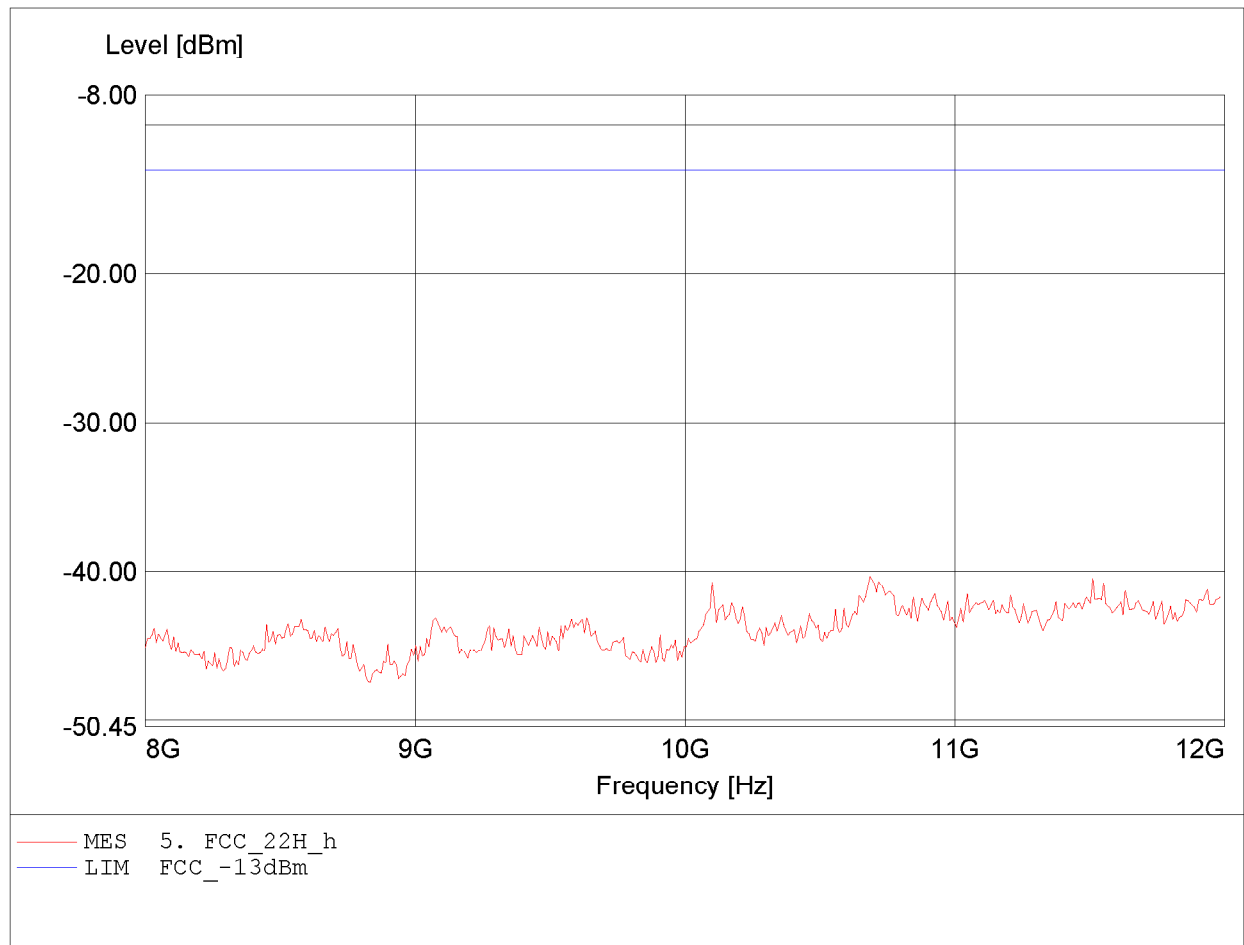
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.741GHz, Pmax: -38.54dBm, RBW: 1MHz



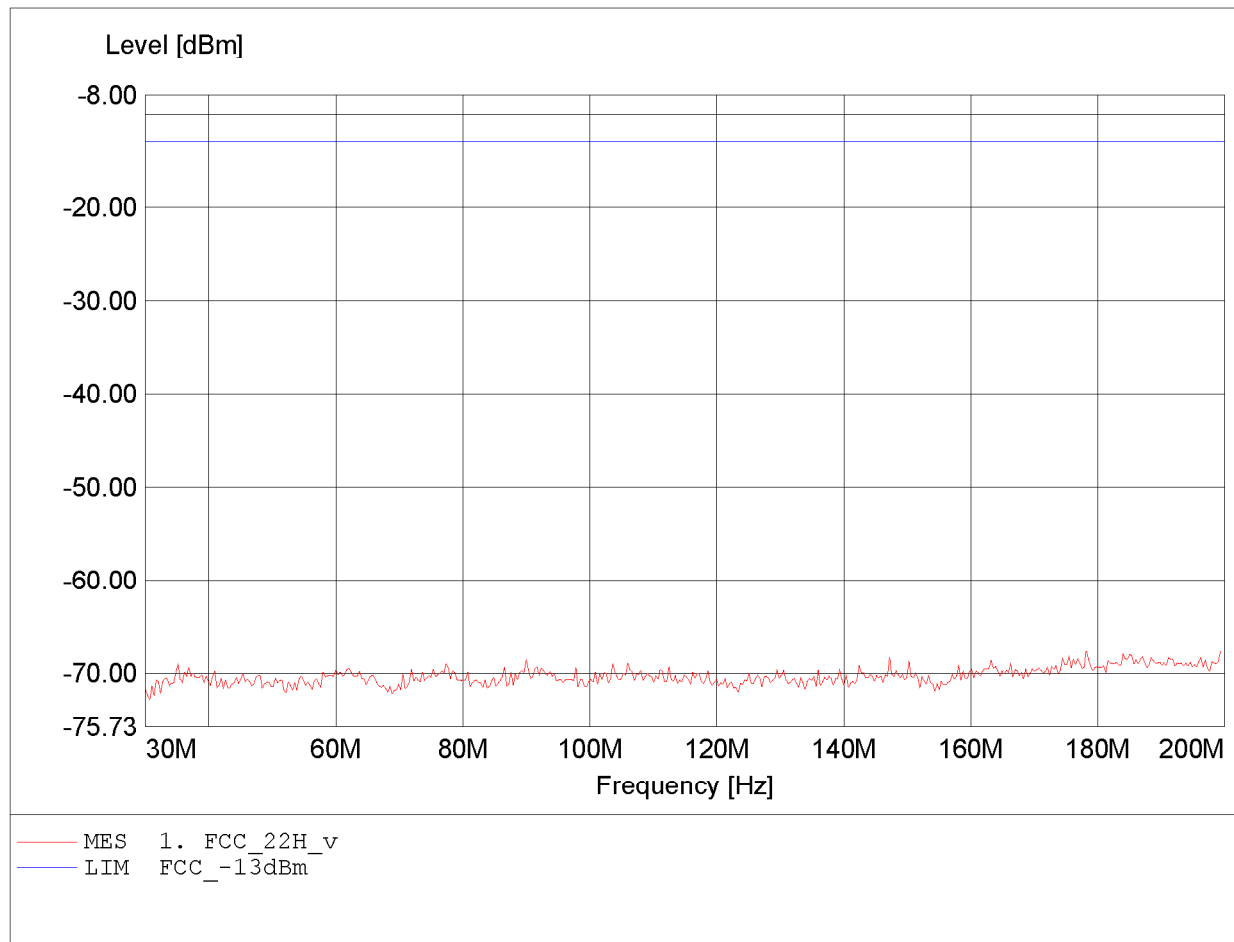
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 188
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.685GHz, Pmax: -40.33dBm, RBW: 1MHz



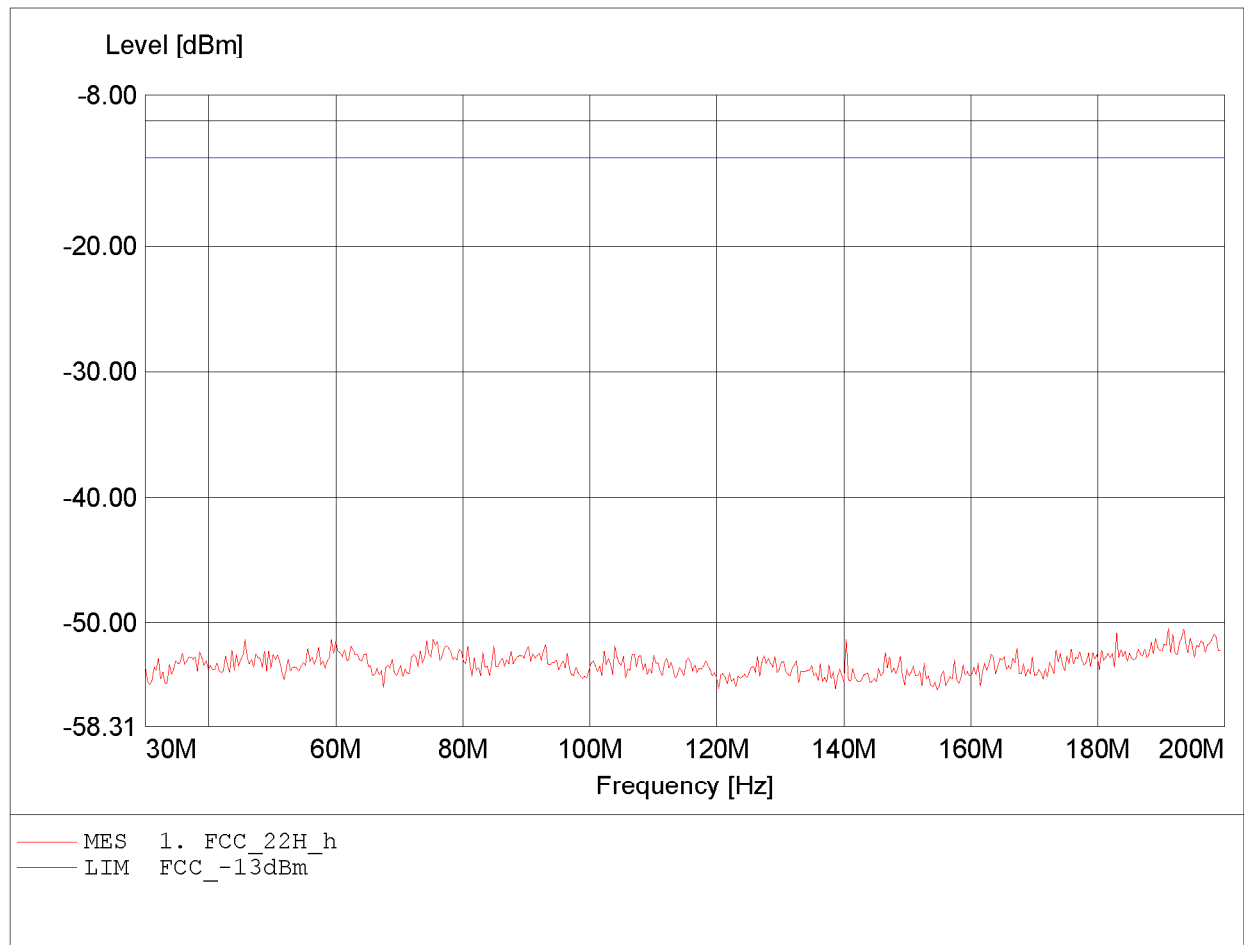
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 178.196MHz, Pmax: -67.53dBm, RBW: 100kHz



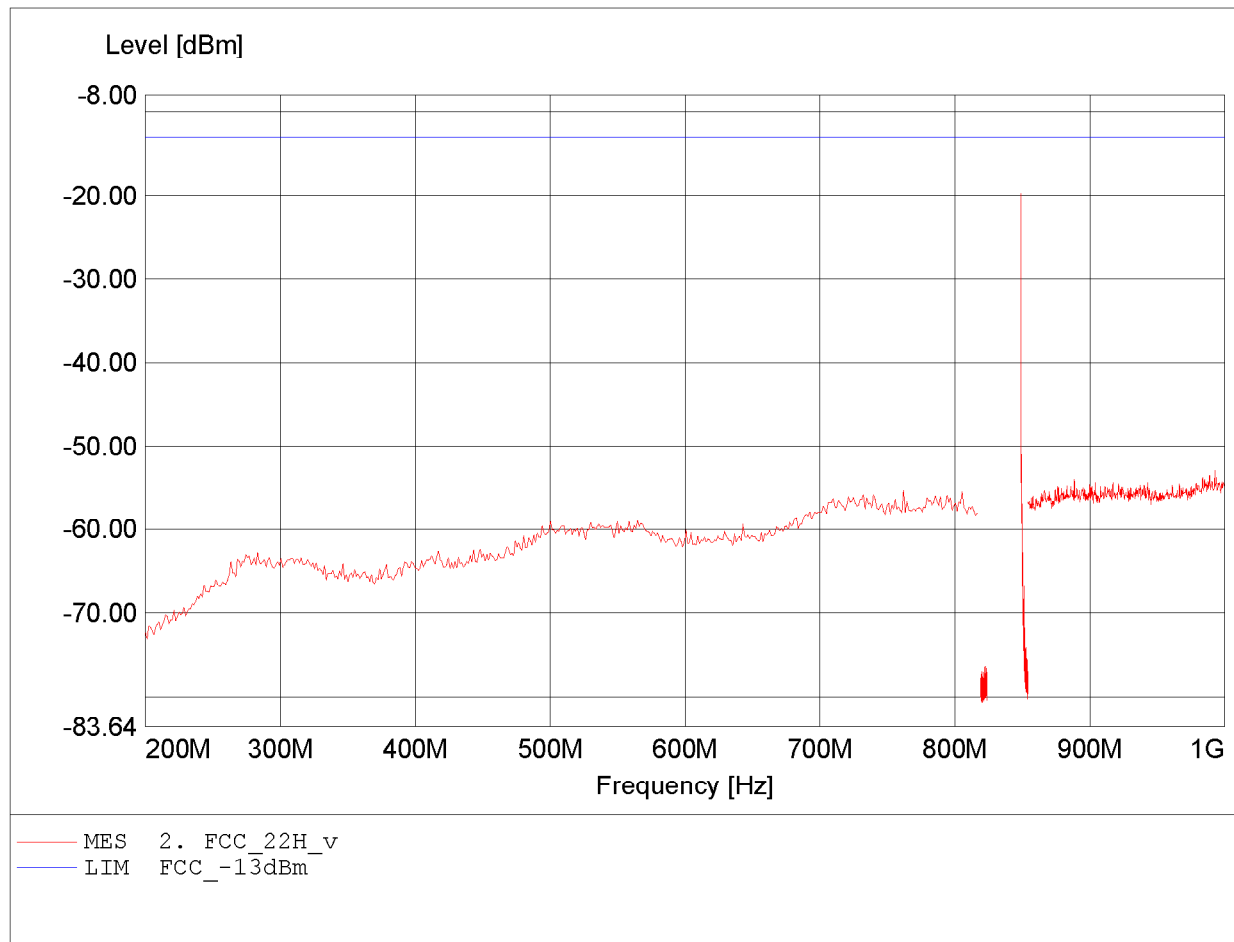
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 191.142MHz, Pmax: -50.42dBm, RBW: 100kHz



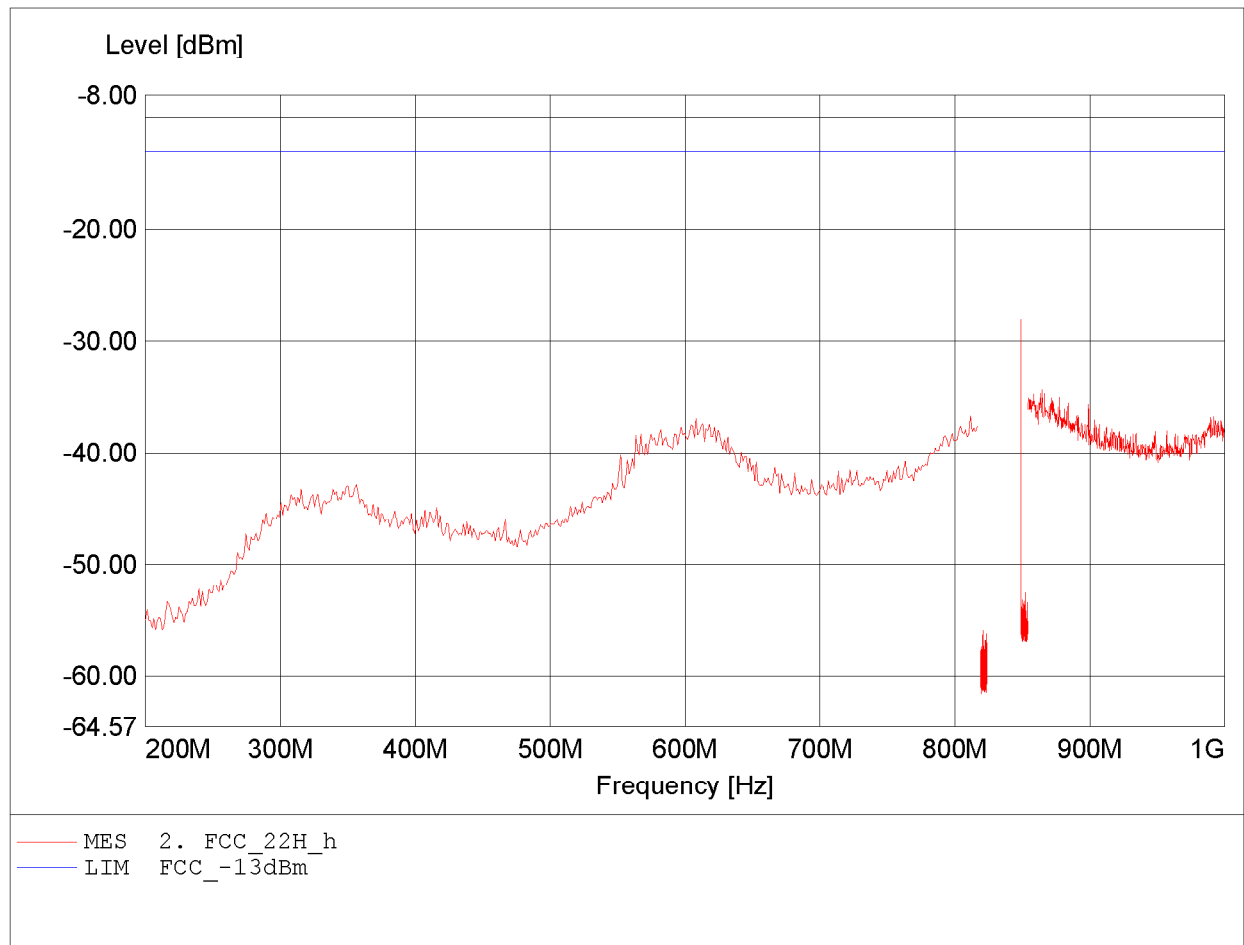
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.020MHz, Pmax: -19.80dBm, RBW: 100kHz



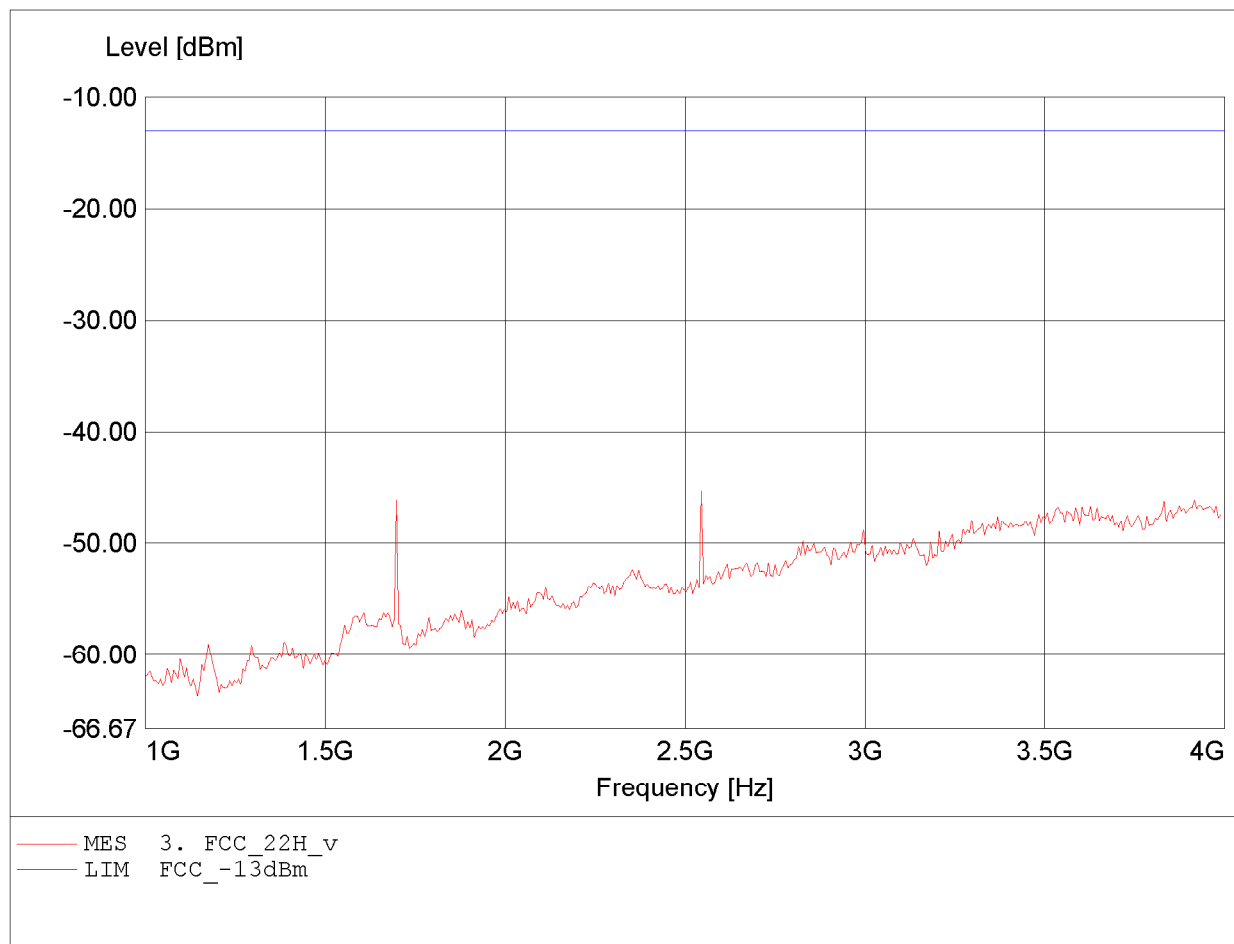
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.010MHz, Pmax: -28.06dBm, RBW: 100kHz



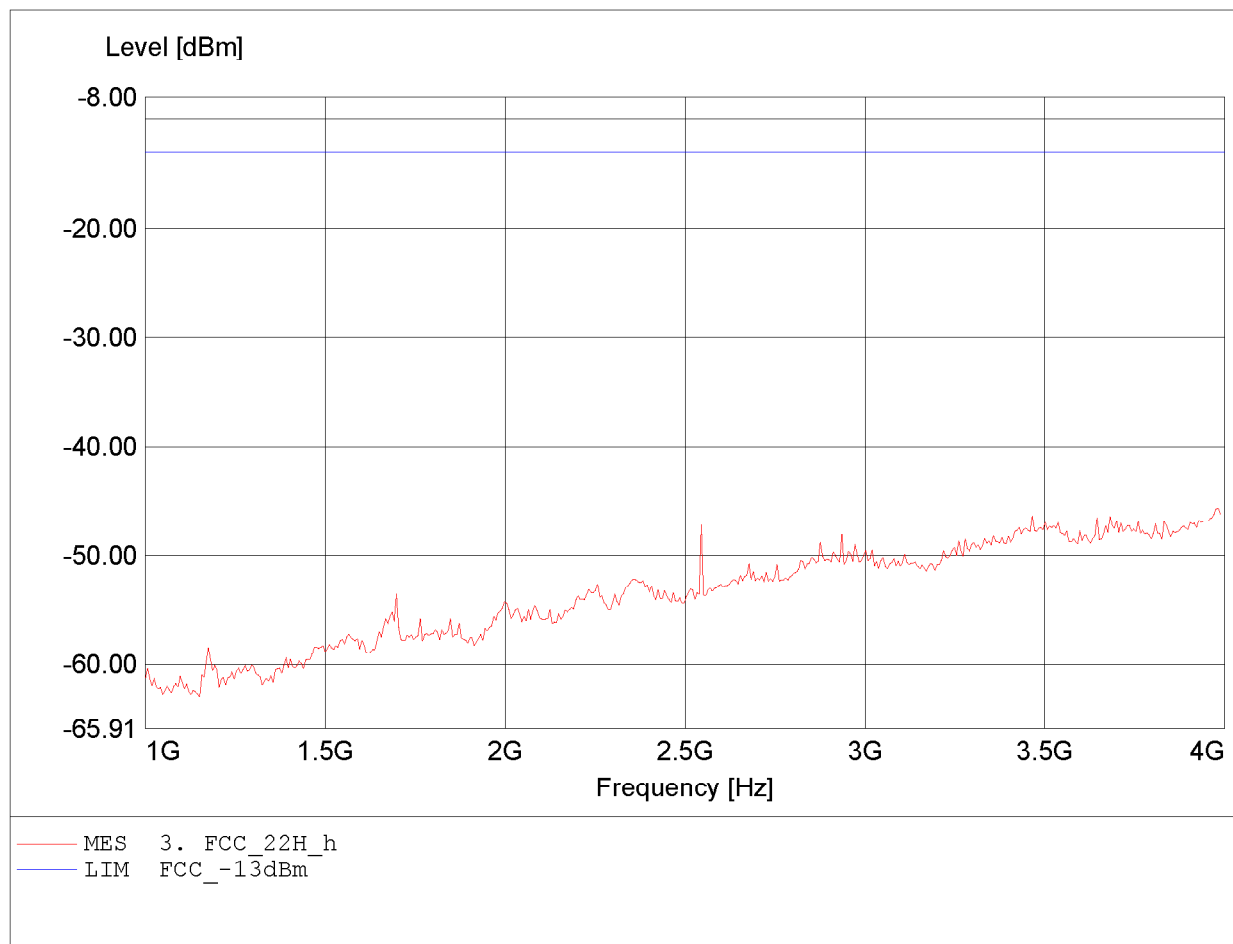
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.545GHz, Pmax: -45.28dBm, RBW: 1MHz



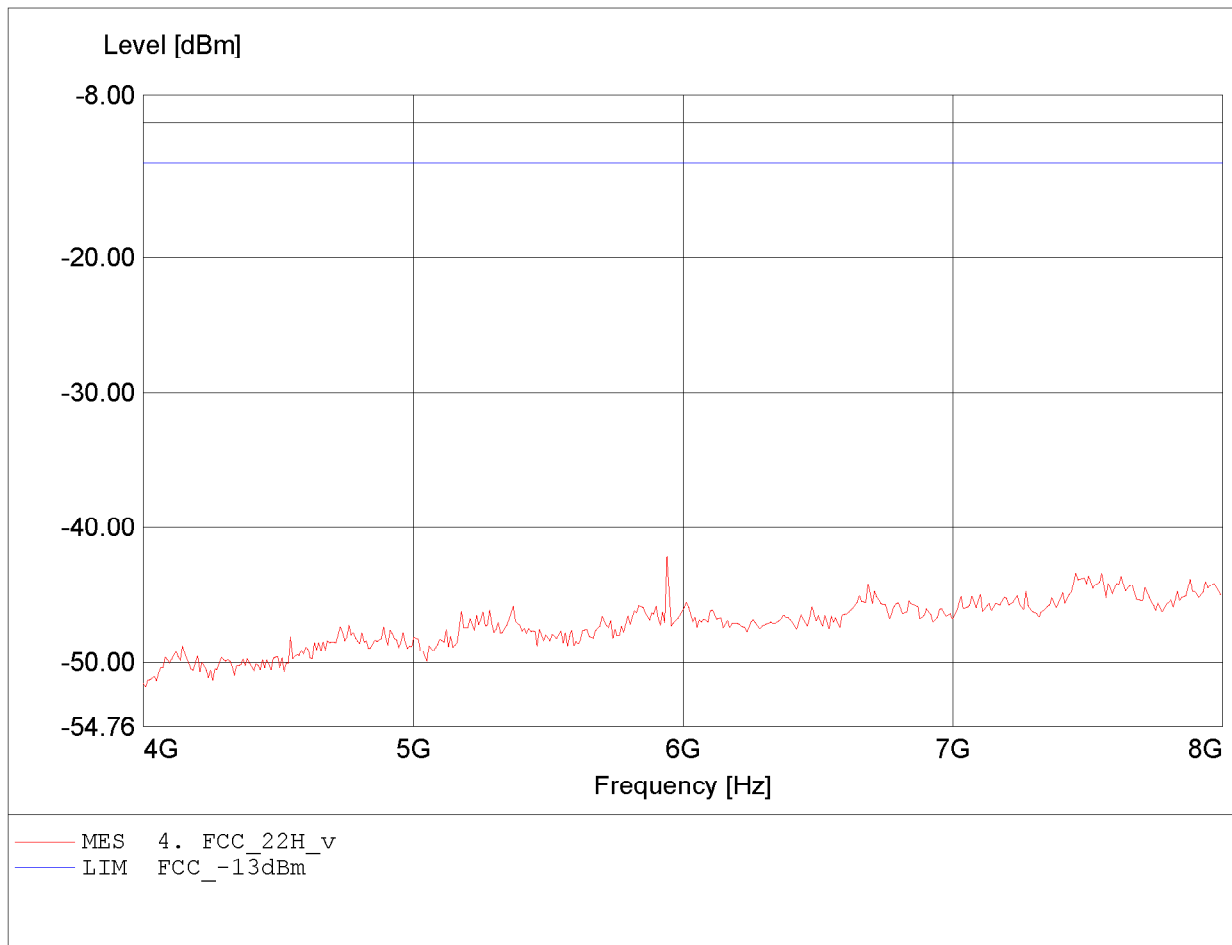
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 3.982GHz, Pmax: -45.66dBm, RBW: 1MHz



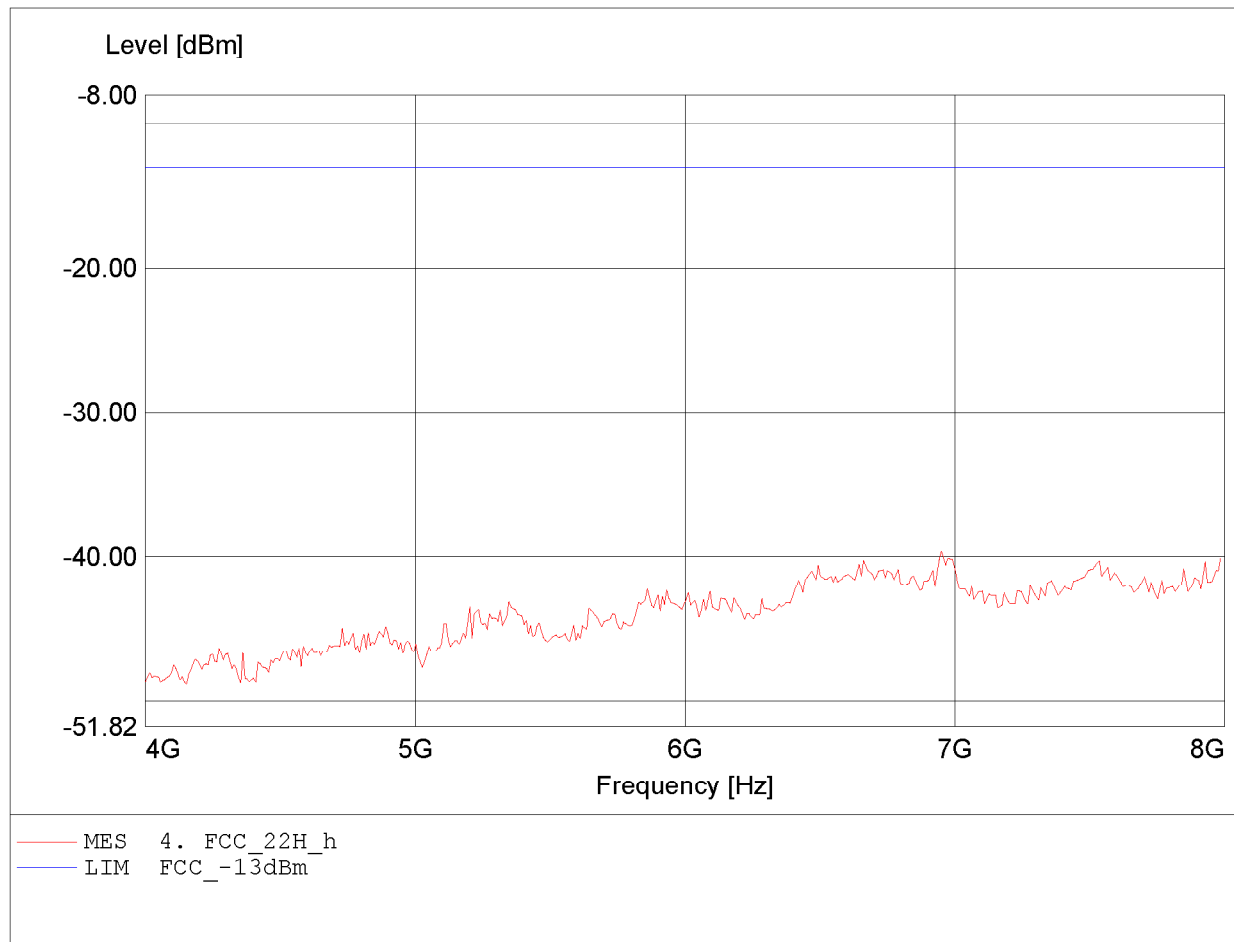
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.940GHz, Pmax: -42.17dBm, RBW: 1MHz



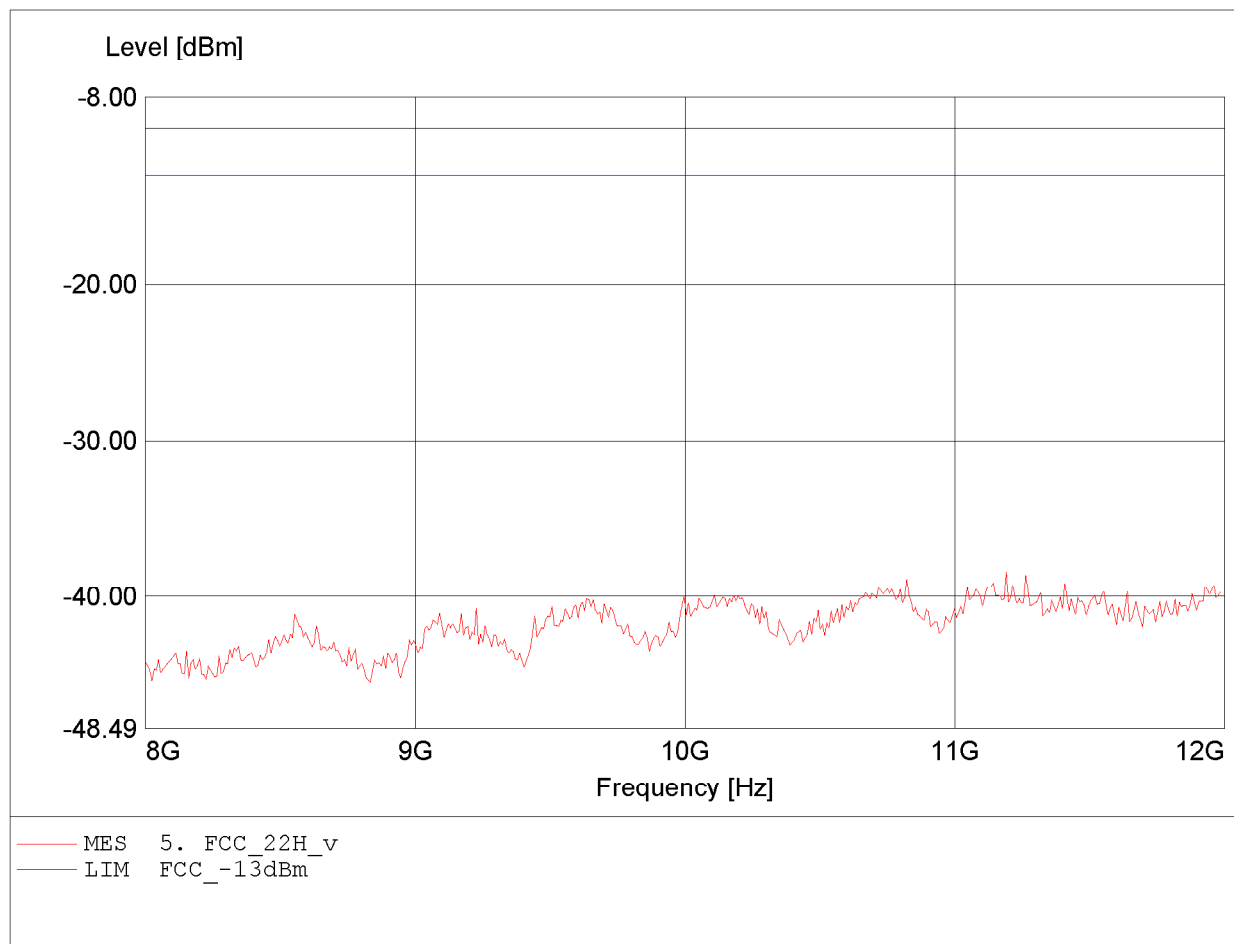
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.950GHz, Pmax: -39.62dBm, RBW: 1MHz



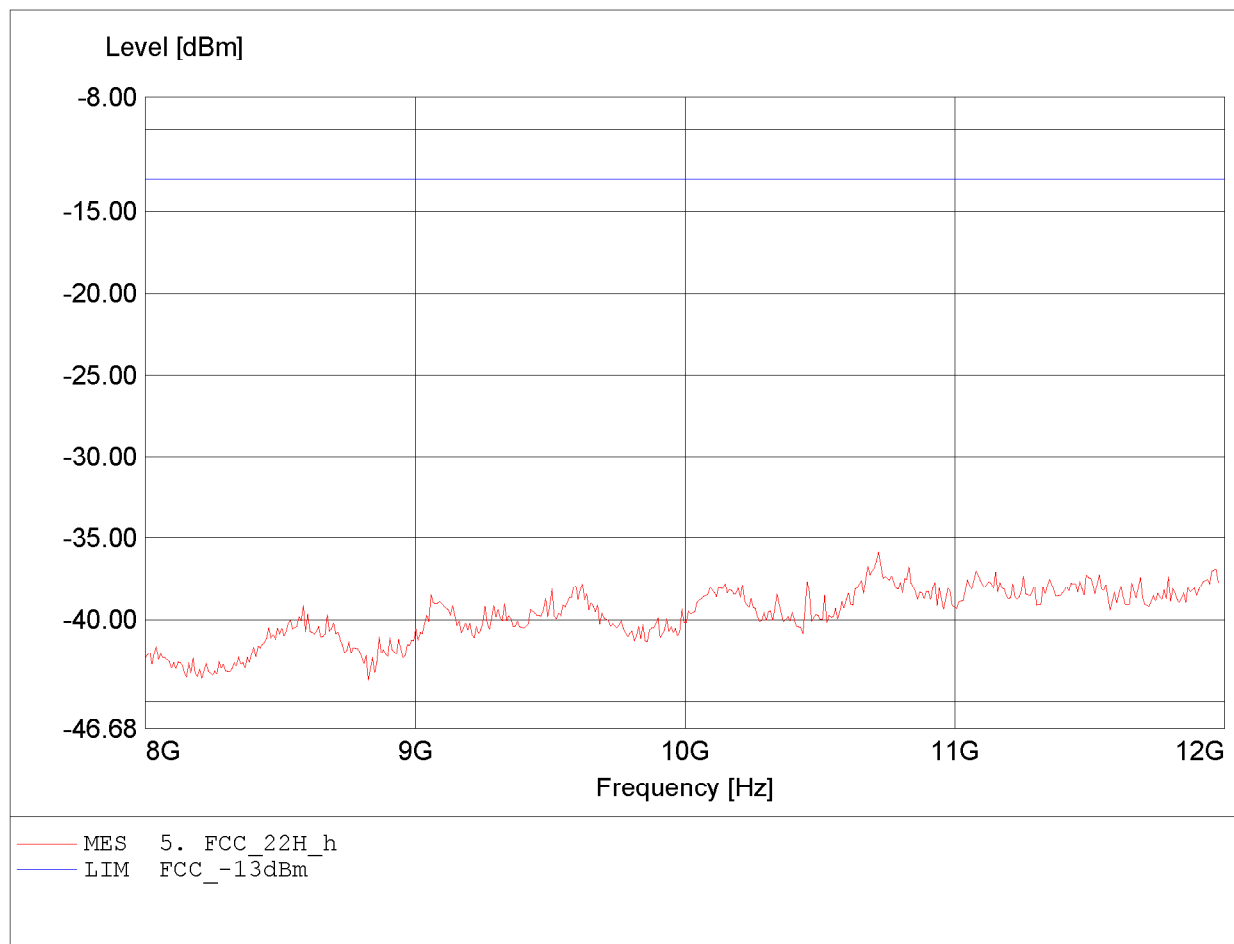
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.190GHz, Pmax: -38.4dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: PANTECH CO., LTD.
EUT: Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model / Channel: A100 / 251
Test Site / Operator: ETS / Mr. Meng
Operating Conditions: 23°C / Unom.: 4.20 V DC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.717GHz, Pmax: -35.87dBm, RBW: 1MHz



Appendix H

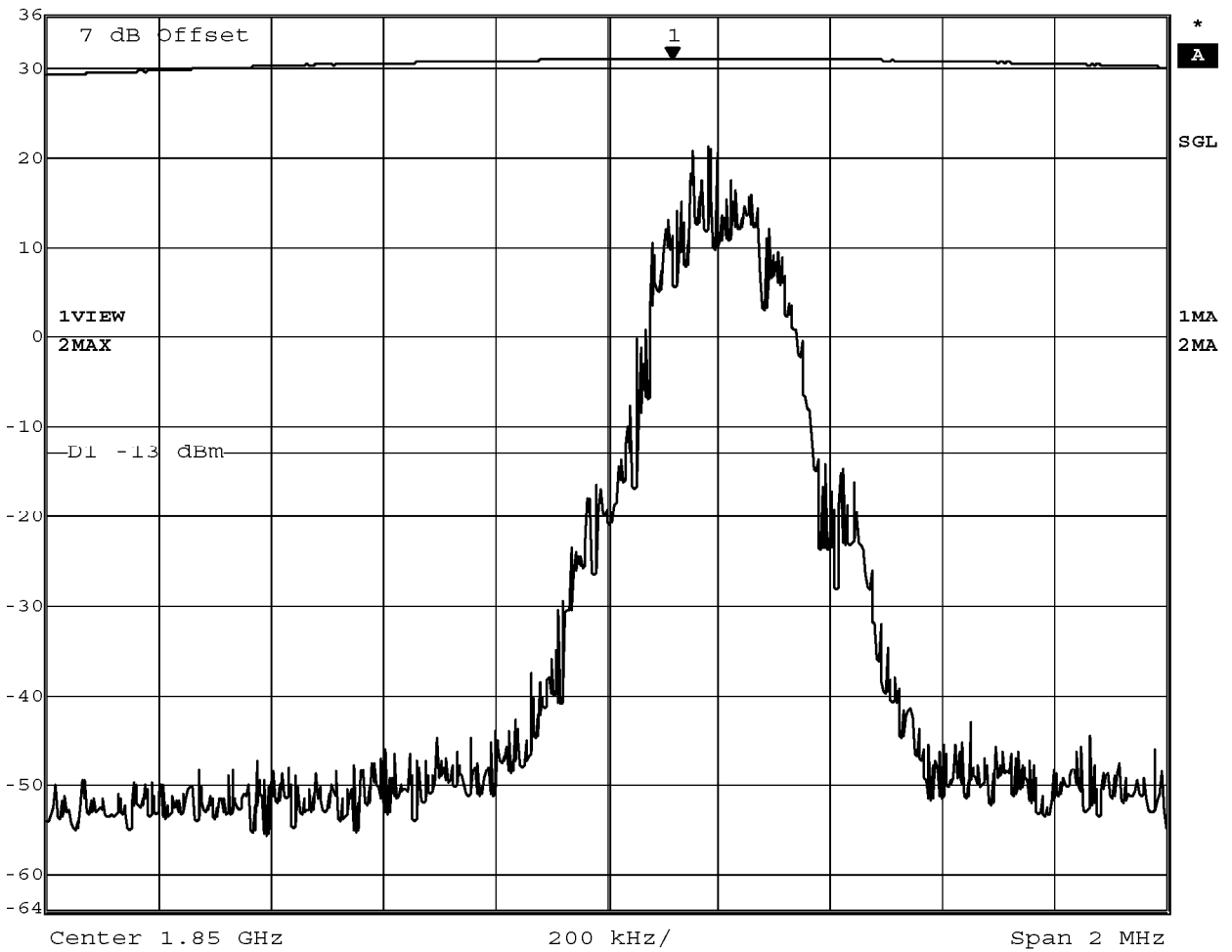
Block edge compliance

FCC Part 24 E
Lower Block edge

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 512



Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	30.85 dBm	VBW	3 kHz	
36 dBm	1.85011824 GHz	SWT	560 ms	Unit dBm



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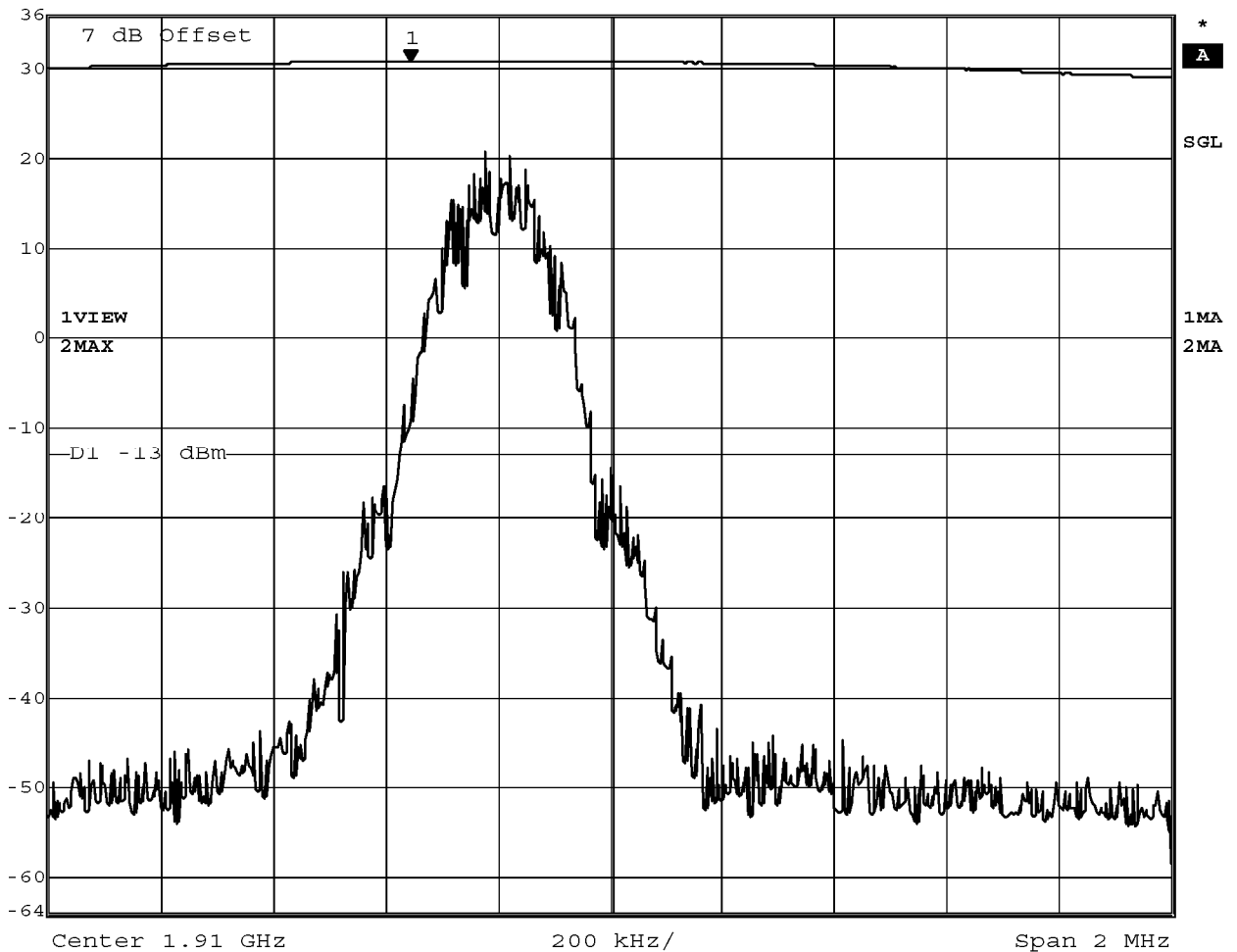
Measurement diagram

**FCC Part 24 E
Higher Block edge**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 24 Subpart E - Broadband PCS
Comment 1	Channel: 810



Marker 1 [T1]	RBW	3 kHz	RF Att	50 dB
Ref Lvl	30.64 dBm	VBW	3 kHz	
36 dBm	1.90964529 GHz	SWT	560 ms	Unit dBm

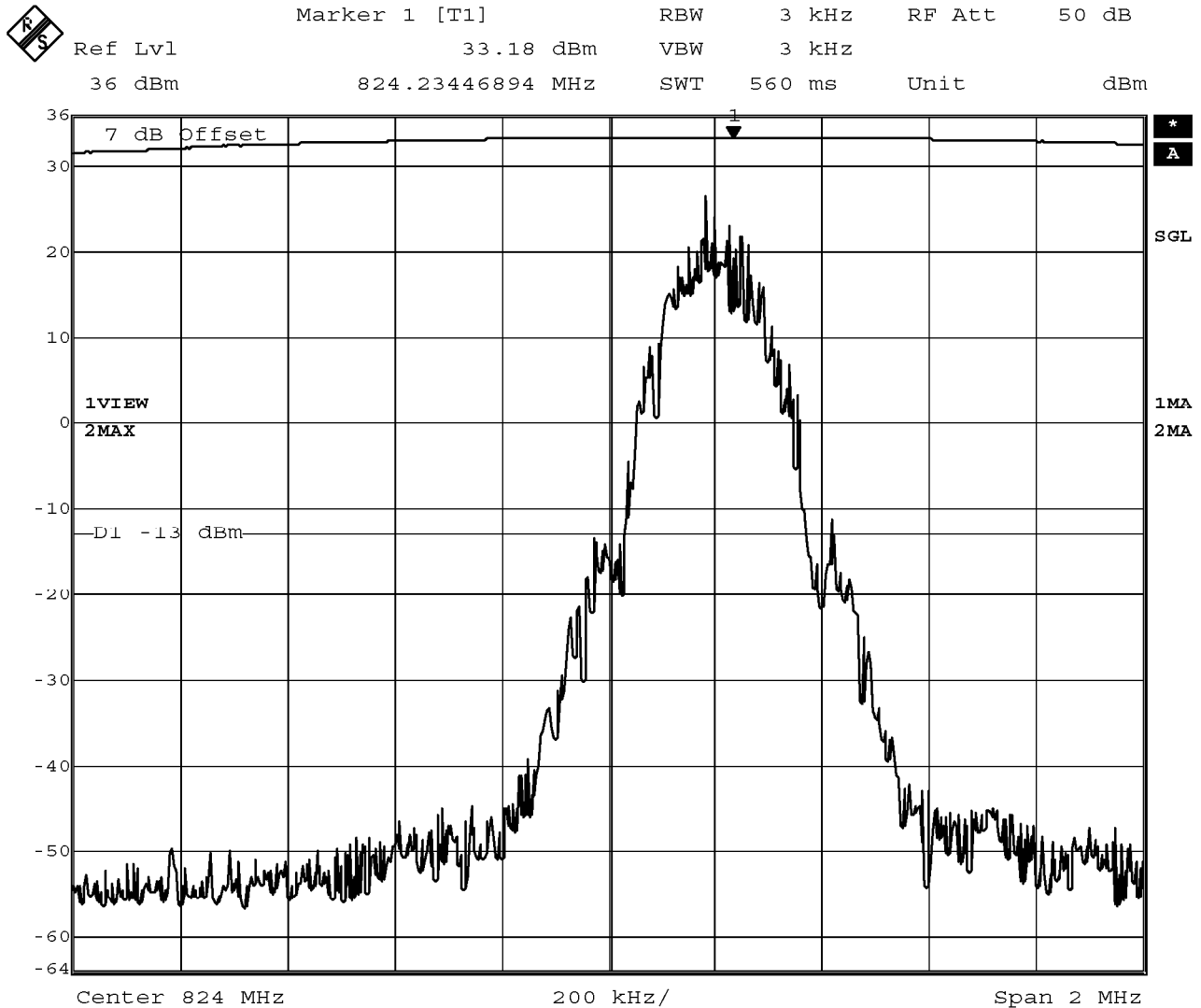


Date: 8.DEC.2006 18:29:11

Measurement diagram

FCC Part 22 H
Lower band edge

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 128

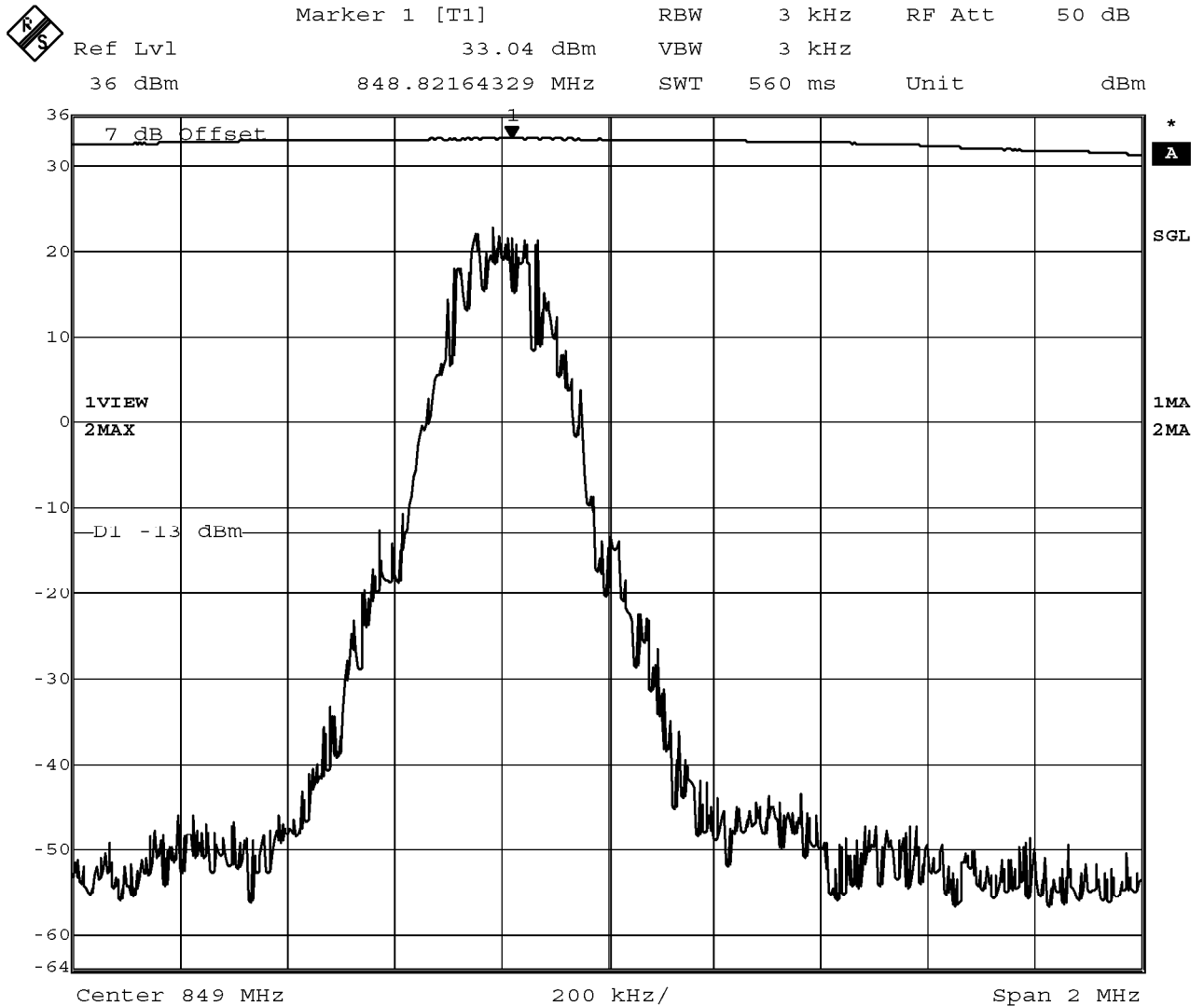


Date: 8.DEC.2006 18:18:36

Measurement diagram

**FCC Part 22 H
Higher band edge**

EUT	Triple Band GSM 850/DCS1800/PCS1900 (with WAP & GPRS)
Model	A100
Approval Holder	PANTECH CO., LTD.
Temperature / Voltage	23°C / Unom.: 4.20 V DC
Test Site / Operator	ETS / Mr. Schlaps
Test Specification	FCC Part 22 Subpart H - Cellular Radiotelephone Service
Comment 1	Channel: 251



Date: 8.DEC.2006 18:19:48

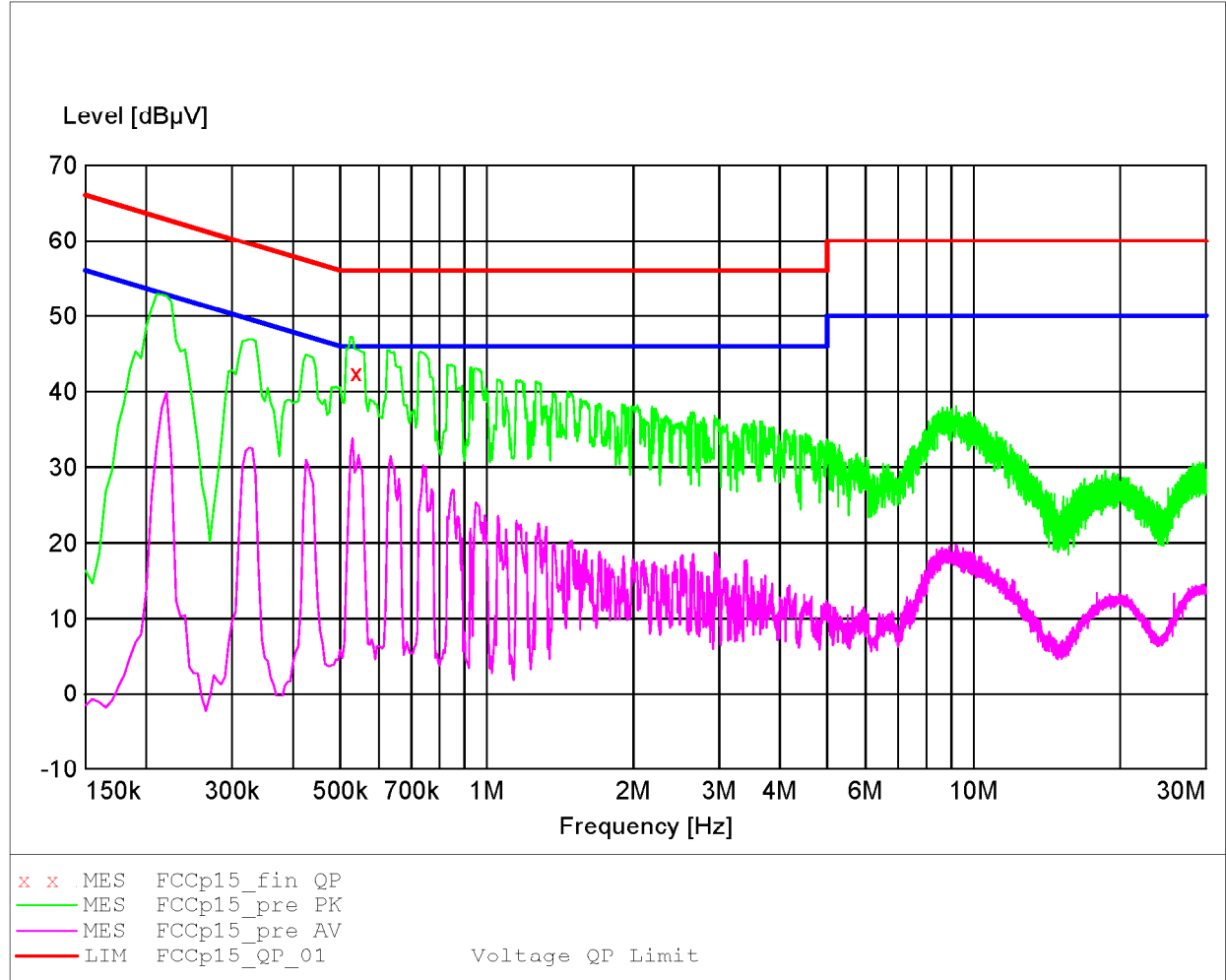
Measurement diagram

Appendix I

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 (with WAP & GPRS)
 Manufacturer: Pantech Co., Ltd.
 Operating Condition: Unom: 120 VAC(AC/DC-adaptor), Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Meng
 Test Specification: V-Network: ESH2-Z5 (L1)
 Comment: model: A100
 Adaptor: PTA-5070C9EU



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

EUT: Triple Band GSM 850 /DCS 1800 /PCS 1900 (with WAP & GPRS)
Manufacturer: Pantech Co., Ltd.
Operating Condition: Unom: 120 VAC(AC/DC-adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Meng
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: A100
Adaptor: PTA-5070C9EU

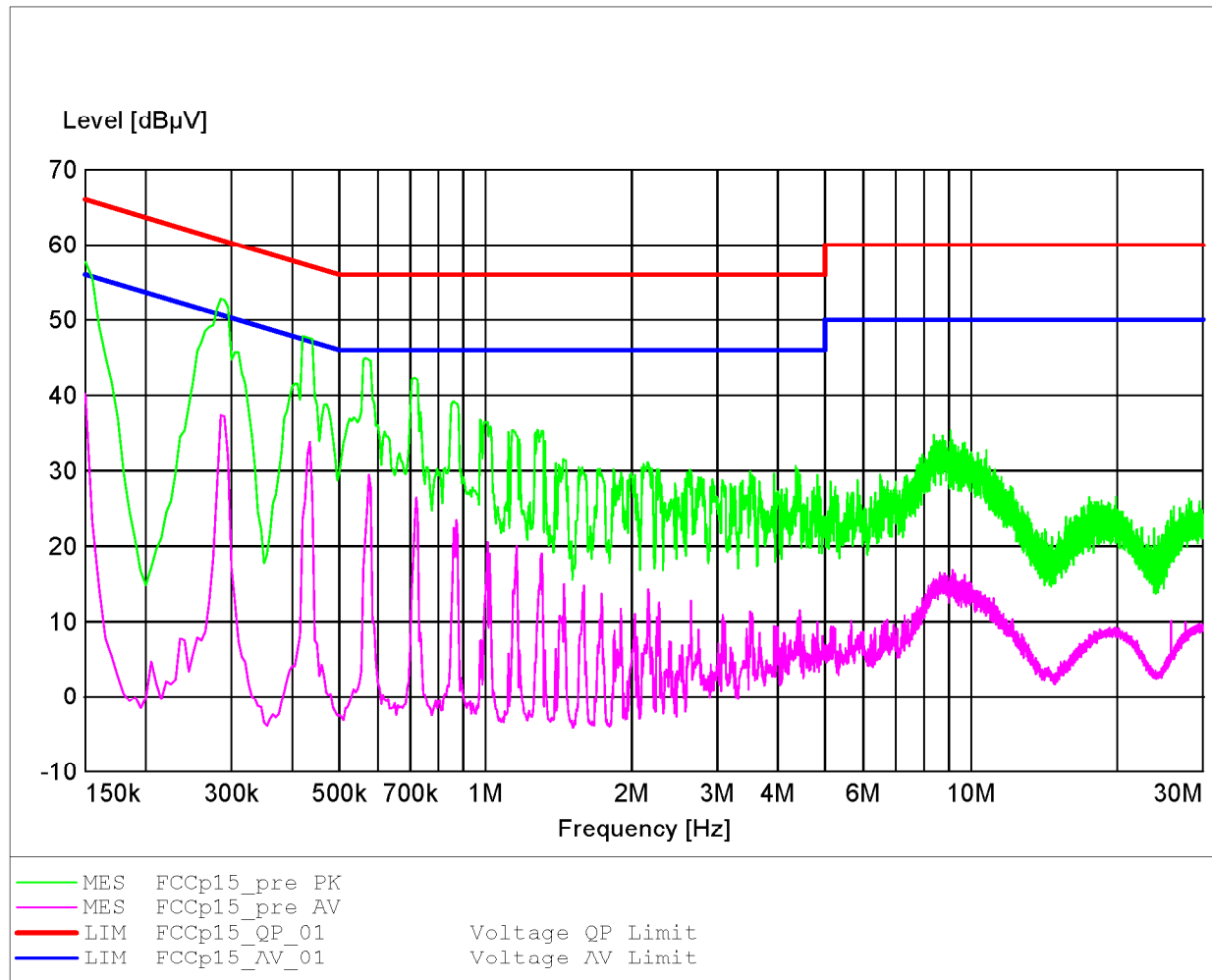
MEASUREMENT RESULT: "FCCp15_fin QP"

21.12.2006 10:43

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.540000	42.50	10.1	56	13.5	---	---

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

EUT: Triple Band GSM 850 /DCS 1800 /PCS 1900 (with WAP & GPRS)
 Manufacturer: Pantech Co., Ltd.
 Operating Condition: Unom: 120 VAC(AC/DC-adaptor), Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Meng
 Test Specification: V-Network: ESH2-Z5 (N)
 Comment: model: A100
 Adaptor: PTA-5070C9EU



Appendix J

Receiver radiated emission