

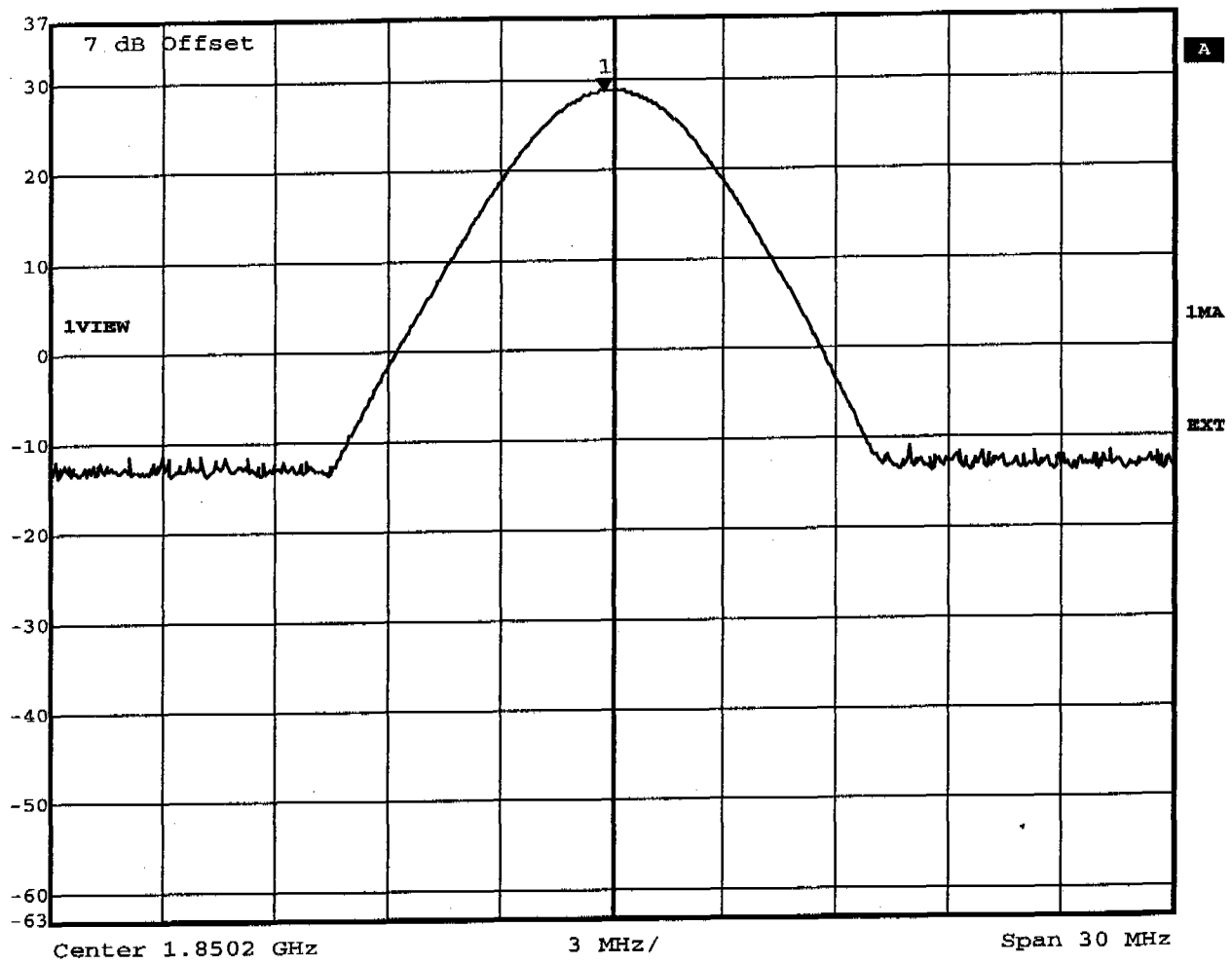


Appendix B

RF Power Output



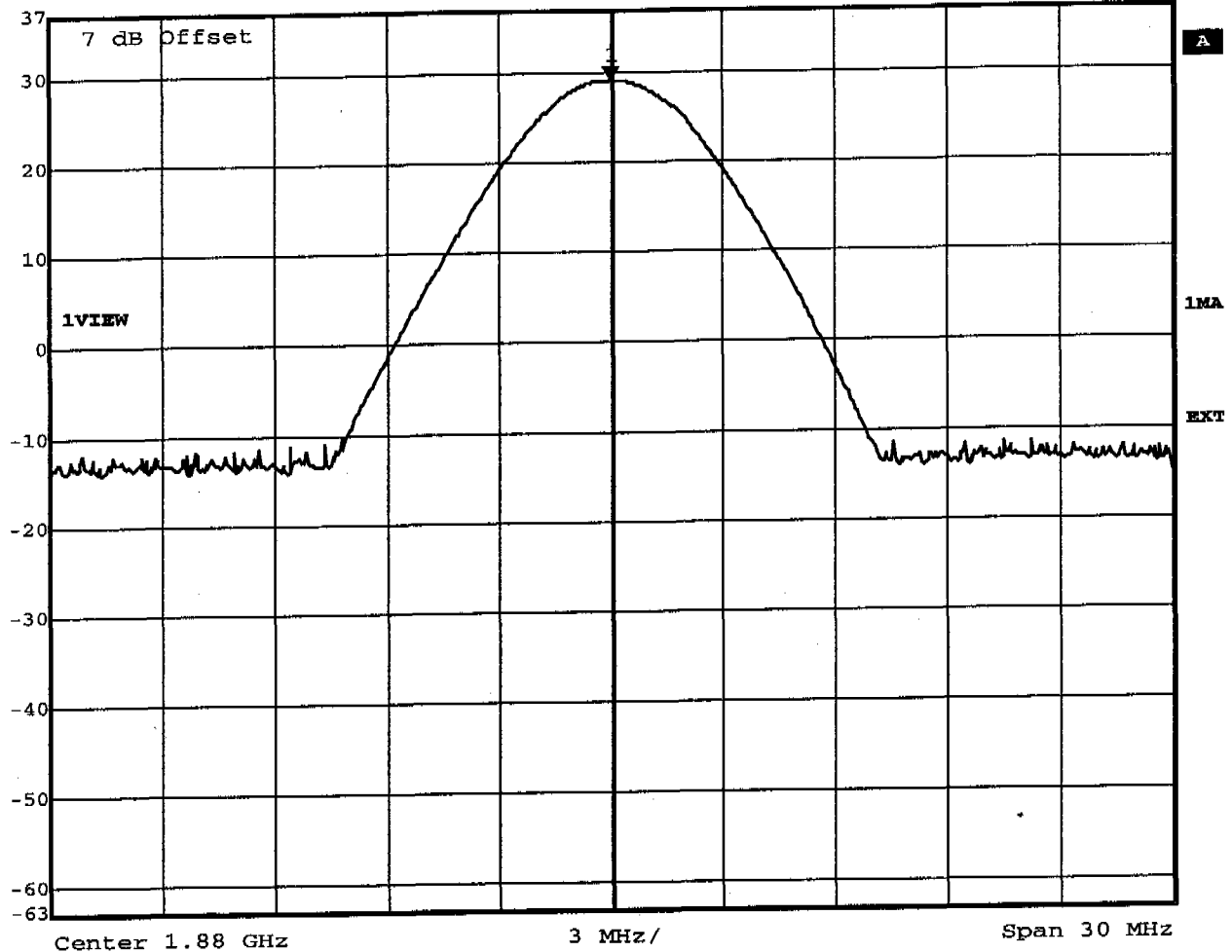
Marker 1 [T1] RBW 3 MHz RF Att 60 dB
Ref Lvl 28.60 dBm VBW 3 MHz
37 dBm 1.84998958 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 512
Date: 1.SEP.2003 14:42:56



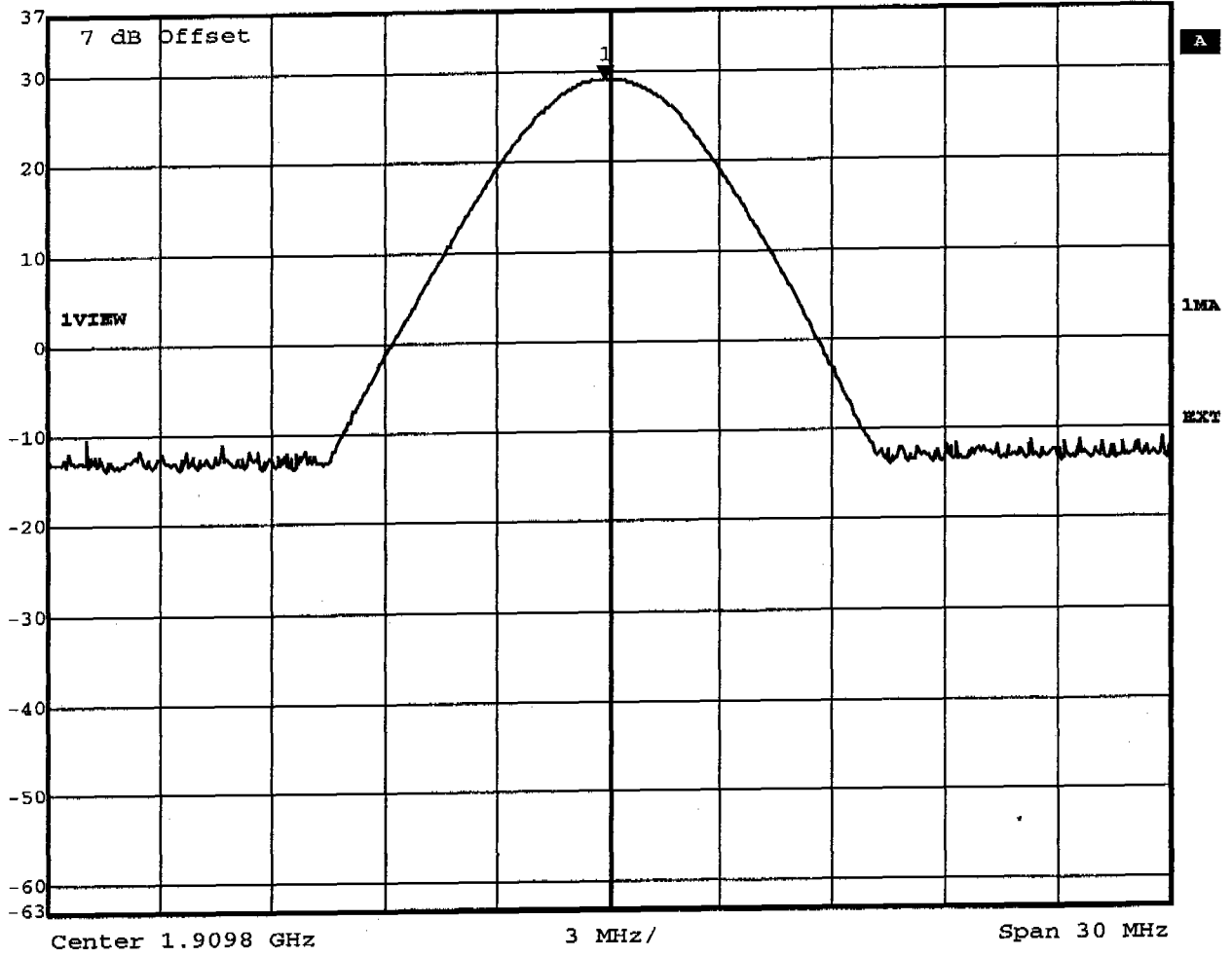
Marker 1 [T1] RBW 3 MHz RF Att 60 dB
Ref Lvl 29.02 dBm VBW 3 MHz
37 dBm 1.88003006 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 661
Date: 1.SEP.2003 14:35:00



Marker 1 [T1] RBW 3 MHz RF Att 60 dB
Ref Lvl 29.04 dBm VBW 3 MHz
37 dBm 1.90970982 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 810
Date: 1.SEP.2003 14:27:21

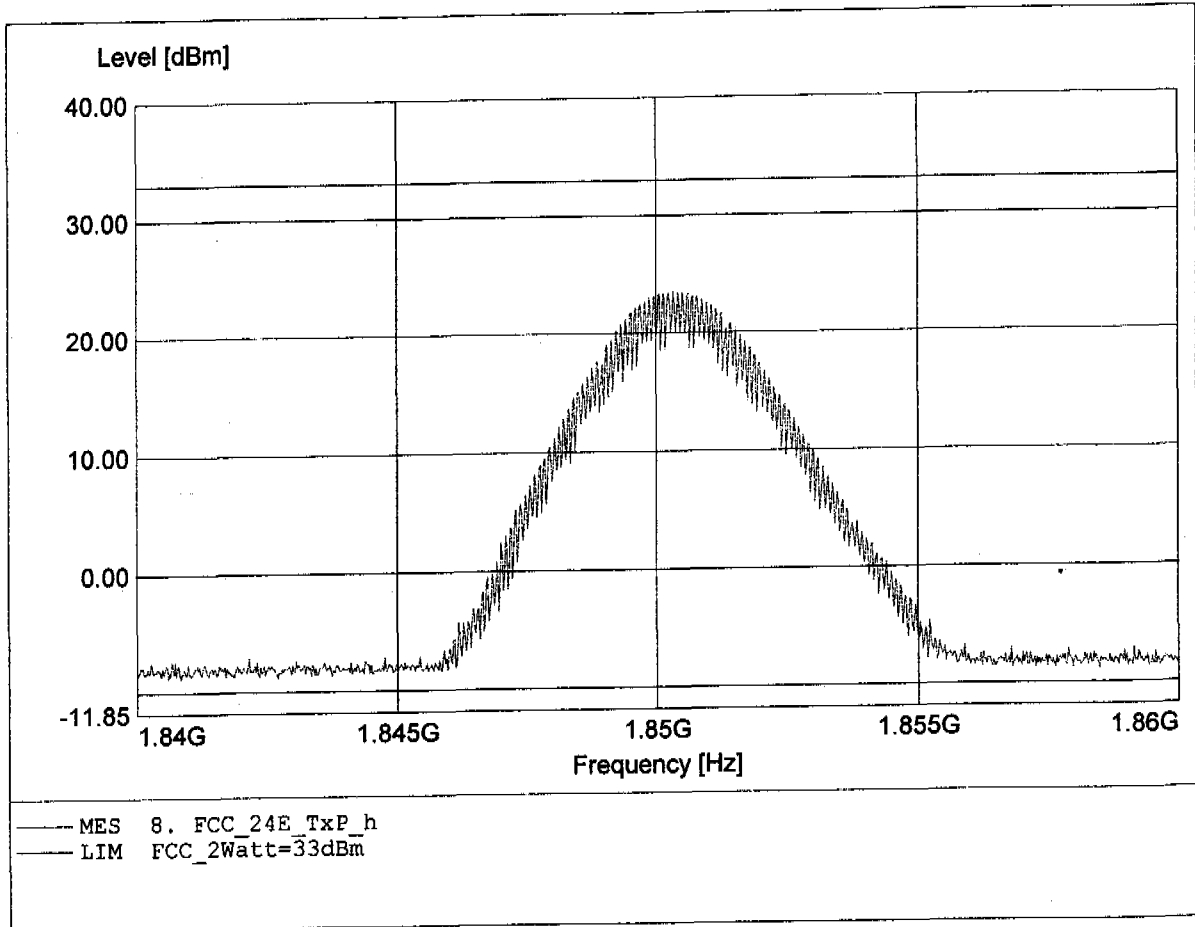


Appendix C

Radiated Power

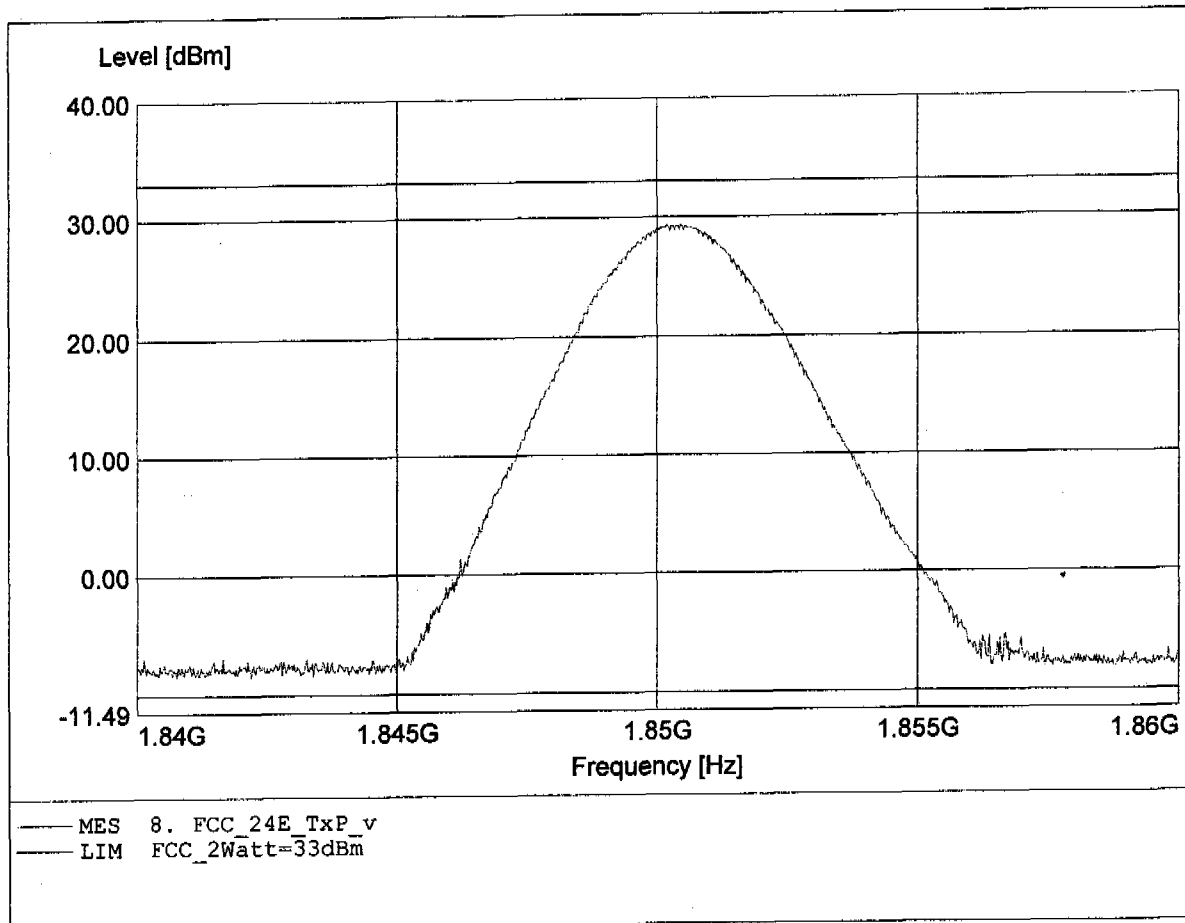
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 23.55dBm, RBW: 3MHz



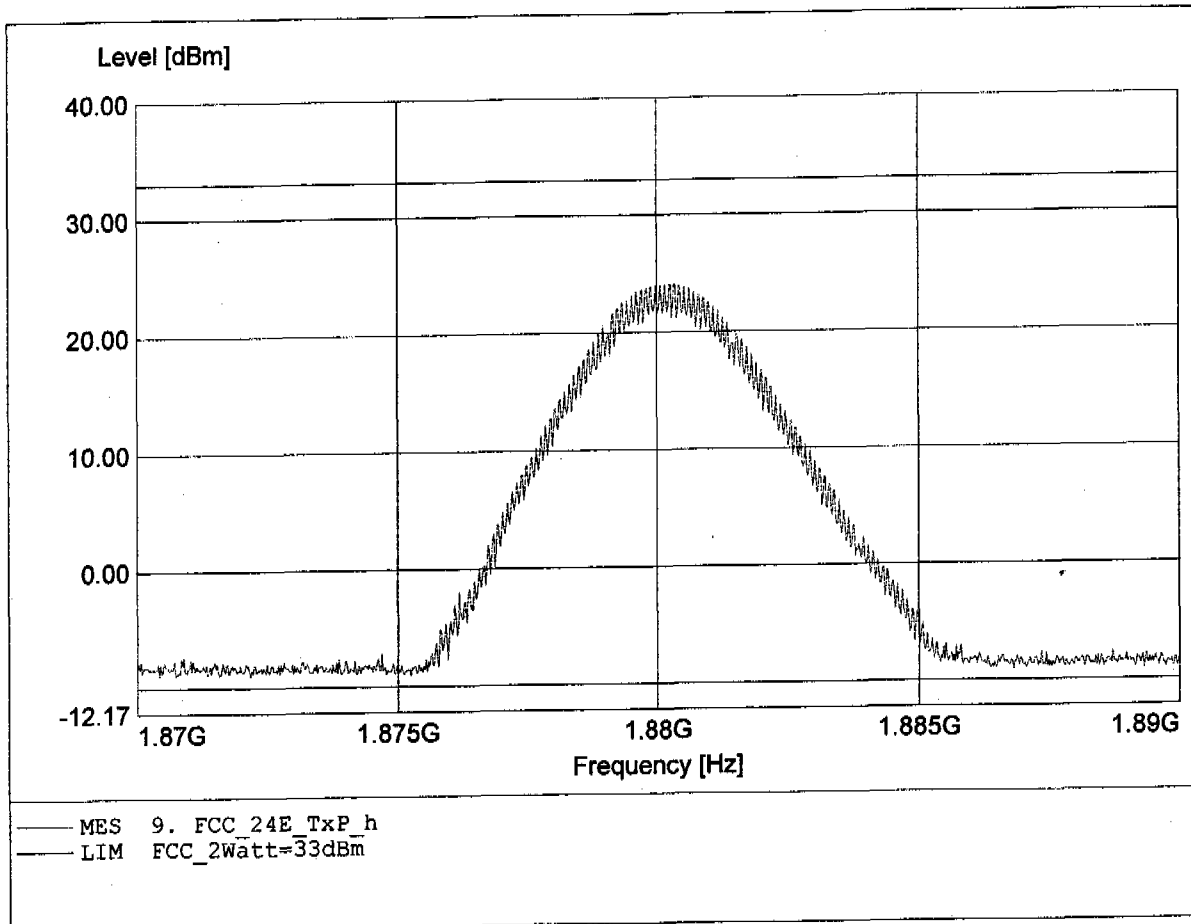
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 29.33dBm, RBW: 3MHz



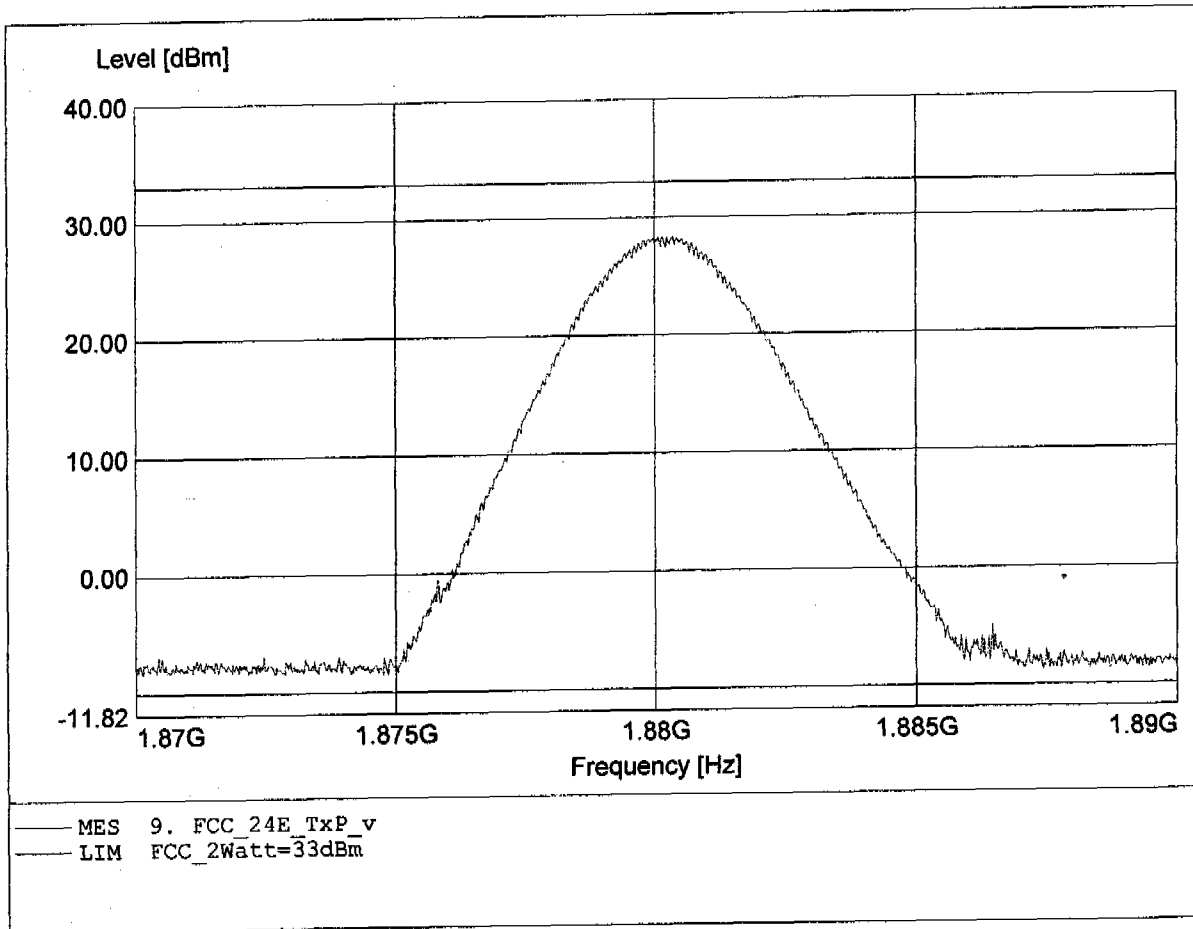
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 24.10dBm, RBW: 3MHz



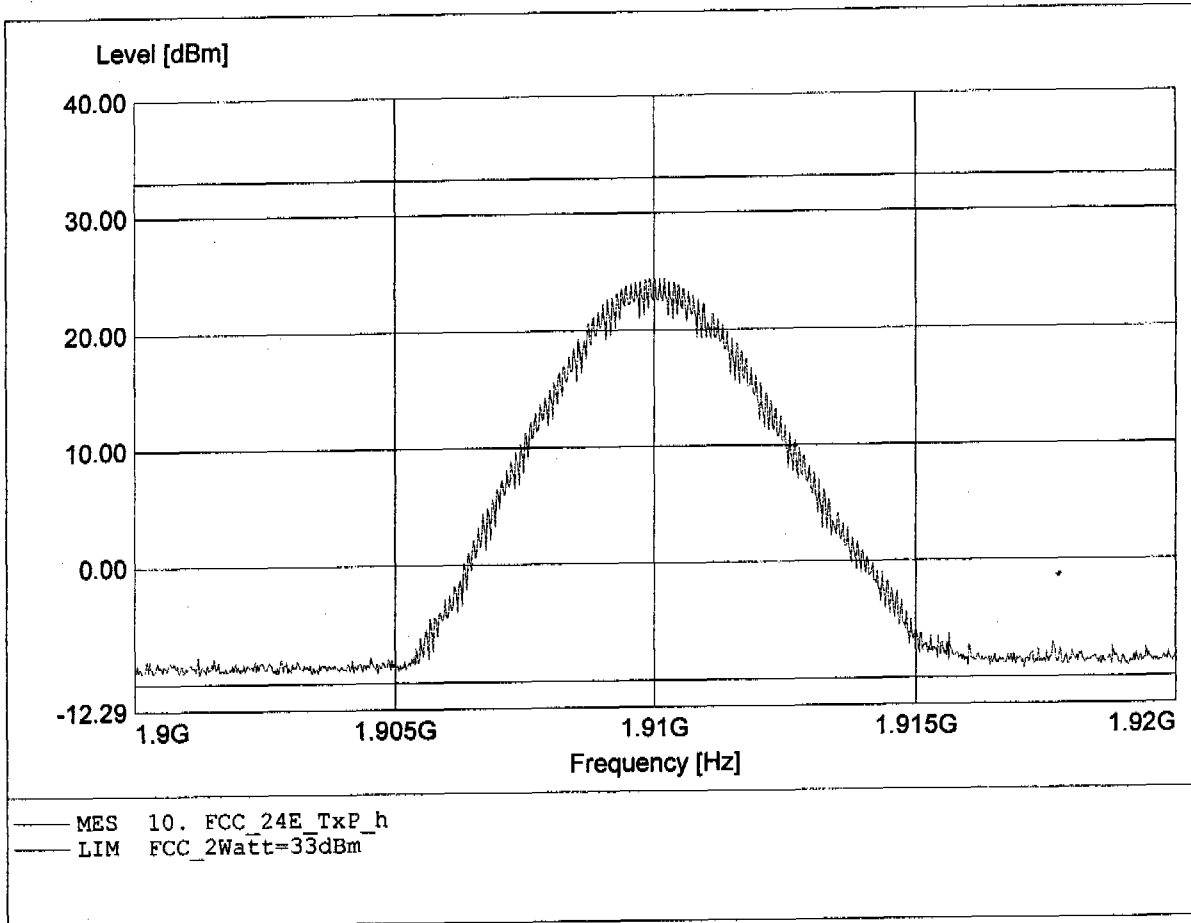
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 28.32dBm, RBW: 3MHz



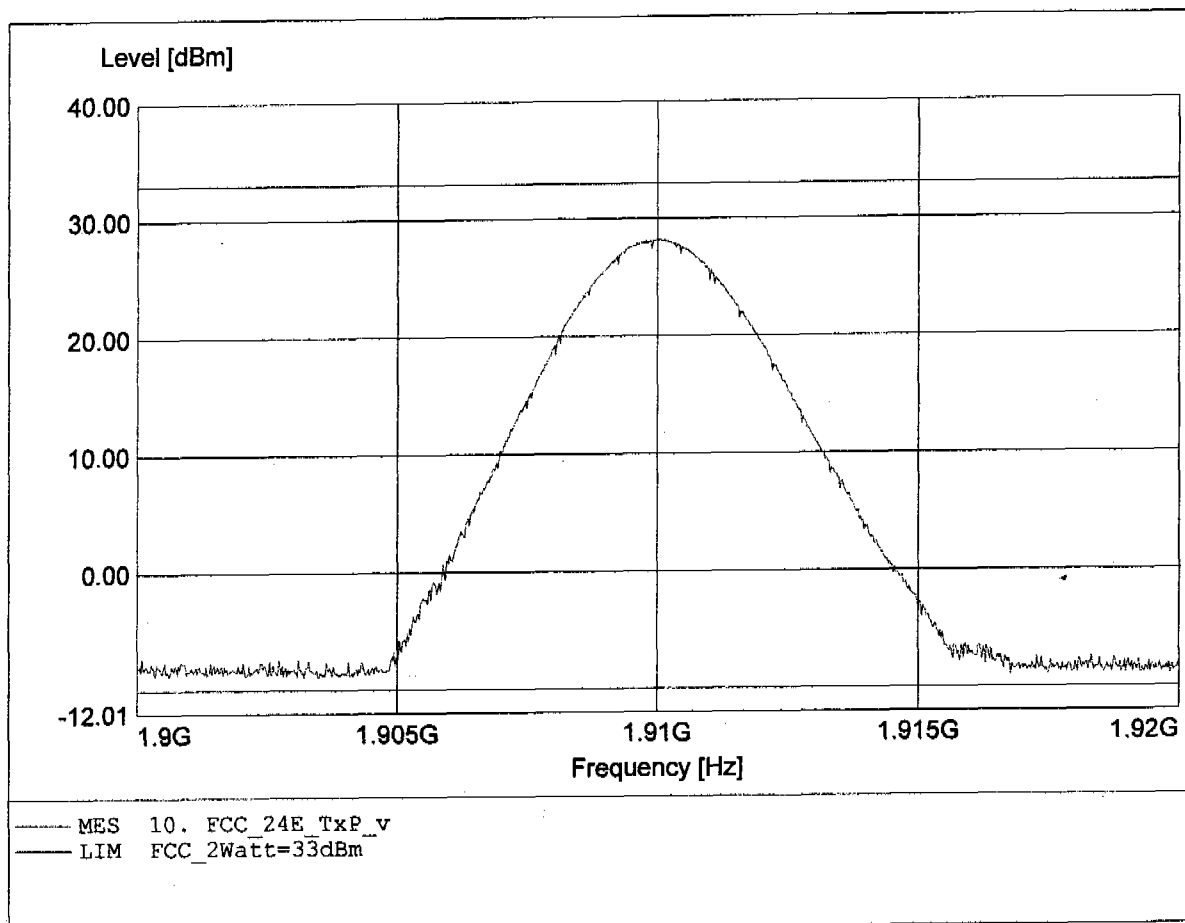
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 24.41dBm, RBW: 3MHz



**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 28.22dBm, RBW: 3MHz



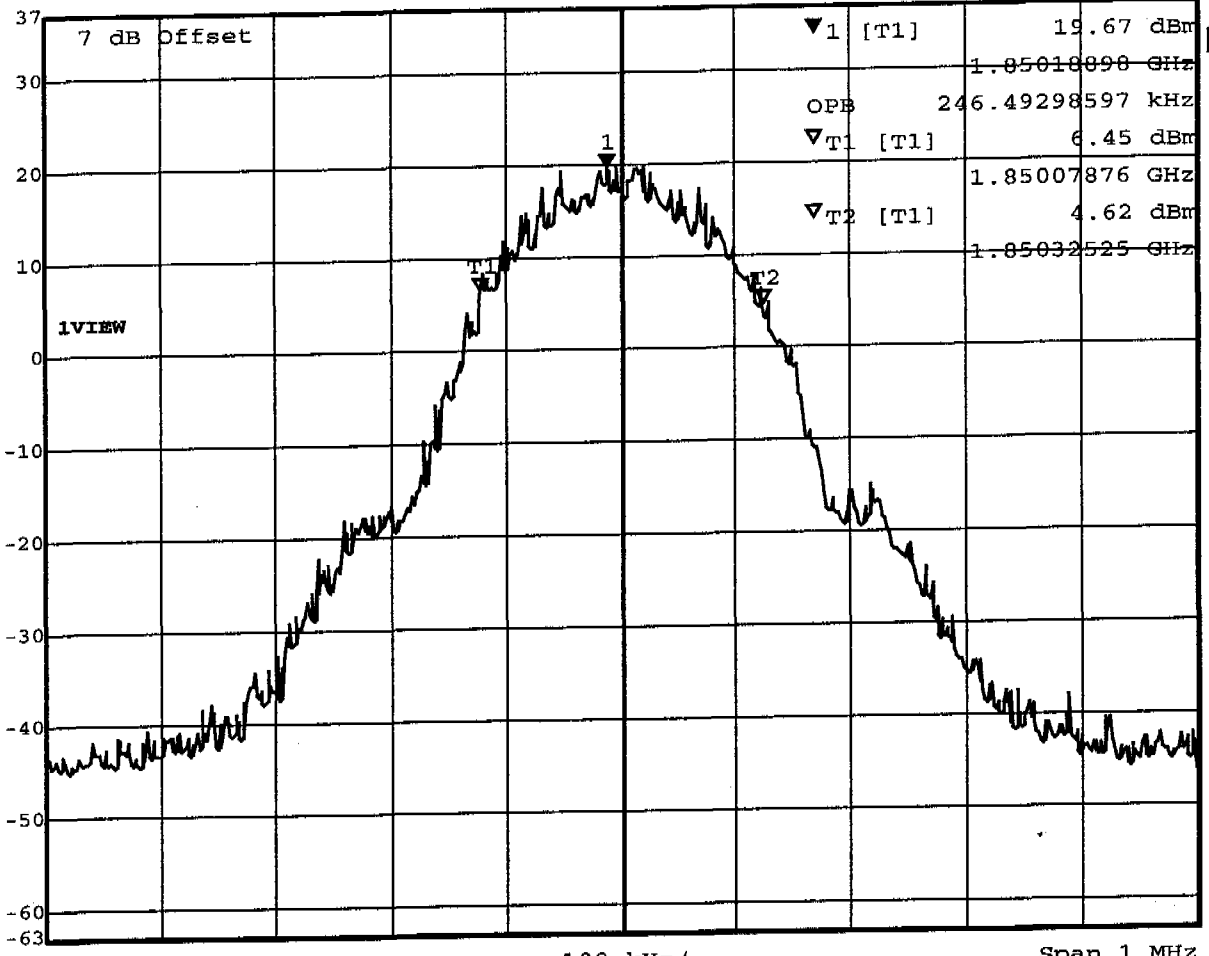


Appendix D

Occupied Bandwidth



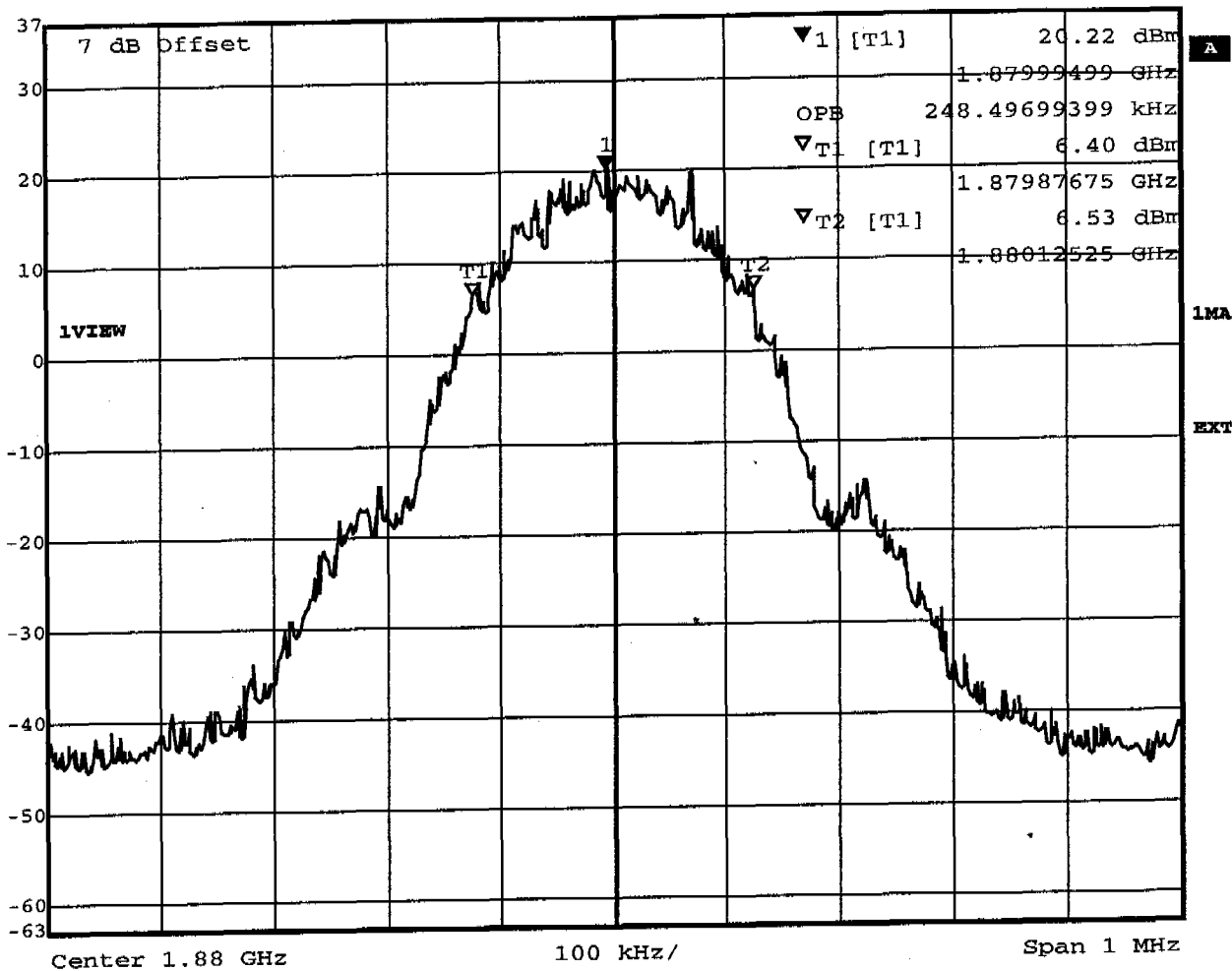
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
 Ref Lvl 19.67 dBm VBW 3 kHz
 37 dBm 1.85018898 GHz SWT 280 ms Unit dBm



Title: Occpied Power Bandwidth Channel 512
 Date: 1.SEP.2003 14:44:19



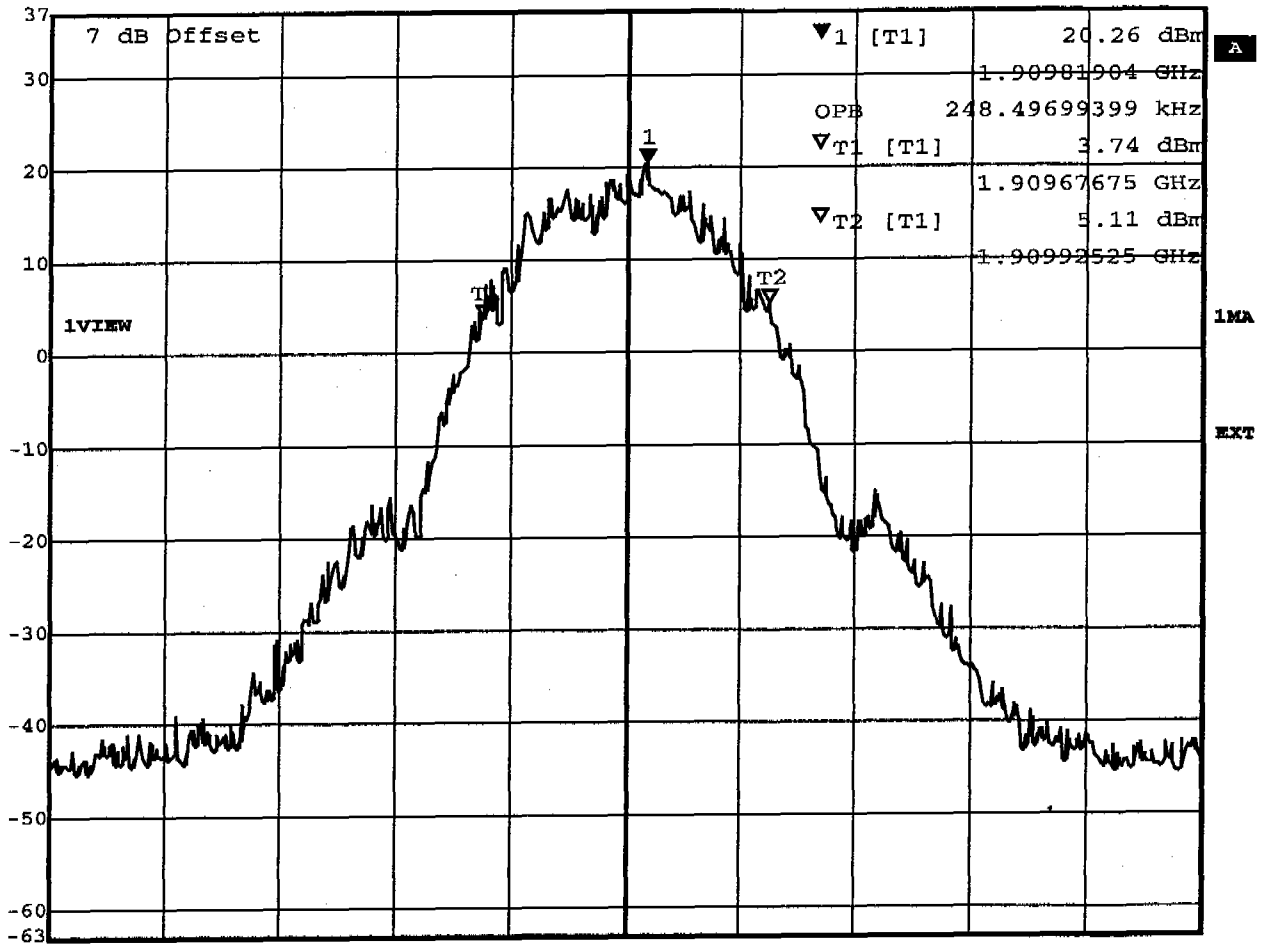
Ref Lvl 37 dBm
Marker 1 [T1] 20.22 dBm
1.87999499 GHz
RBW 3 kHz
RF Att 60 dB
VBW 3 kHz
SWT 280 ms
Unit dBm



Title: Occupied Power Bandwidth Channel 661
Date: 1.SEP.2003 14:33:52



Ref Lvl 37 dBm
Marker 1 [T1] 20.26 dBm
1.90981904 GHz
RBW 3 kHz
RF Att 60 dB
VBW 3 kHz
SWT 280 ms
Unit dBm

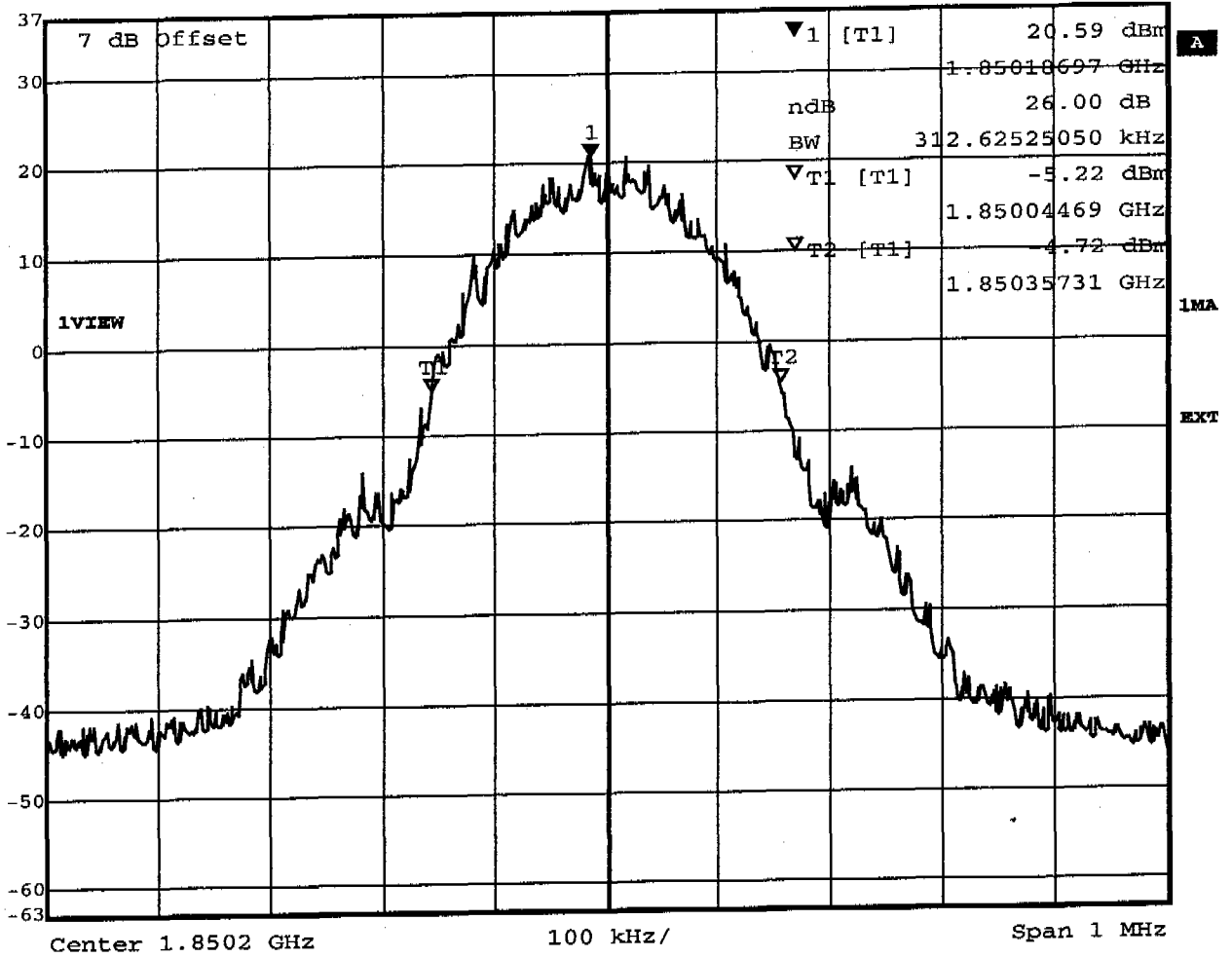


Center 1.9098 GHz 100 kHz/ Span 1 MHz

Title: Occpied Power Bandwidth Channel 810
Date: 1.SEP.2003 14:28:24



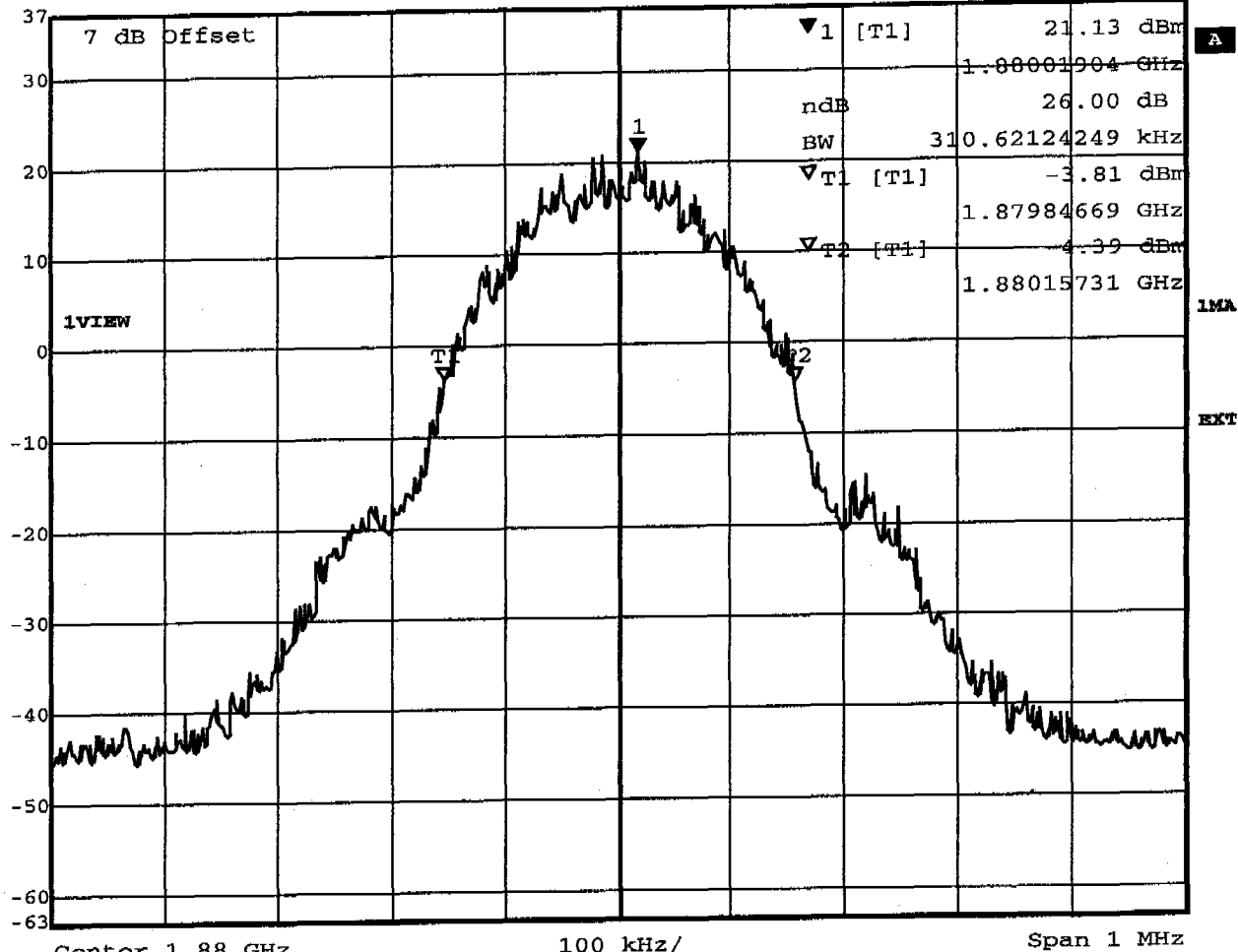
Ref Lvl 37 dBm
 Marker 1 [T1 ndB] 26.00 dB
 BW 312.62525050 kHz
 RBW 3 kHz
 VBW 3 kHz
 RF Att 60 dB
 SWT 280 ms
 Unit dBm



Title: -26 dBc Emission Bandwidth Channel 512
 Date: 1.SEP.2003 14:45:59



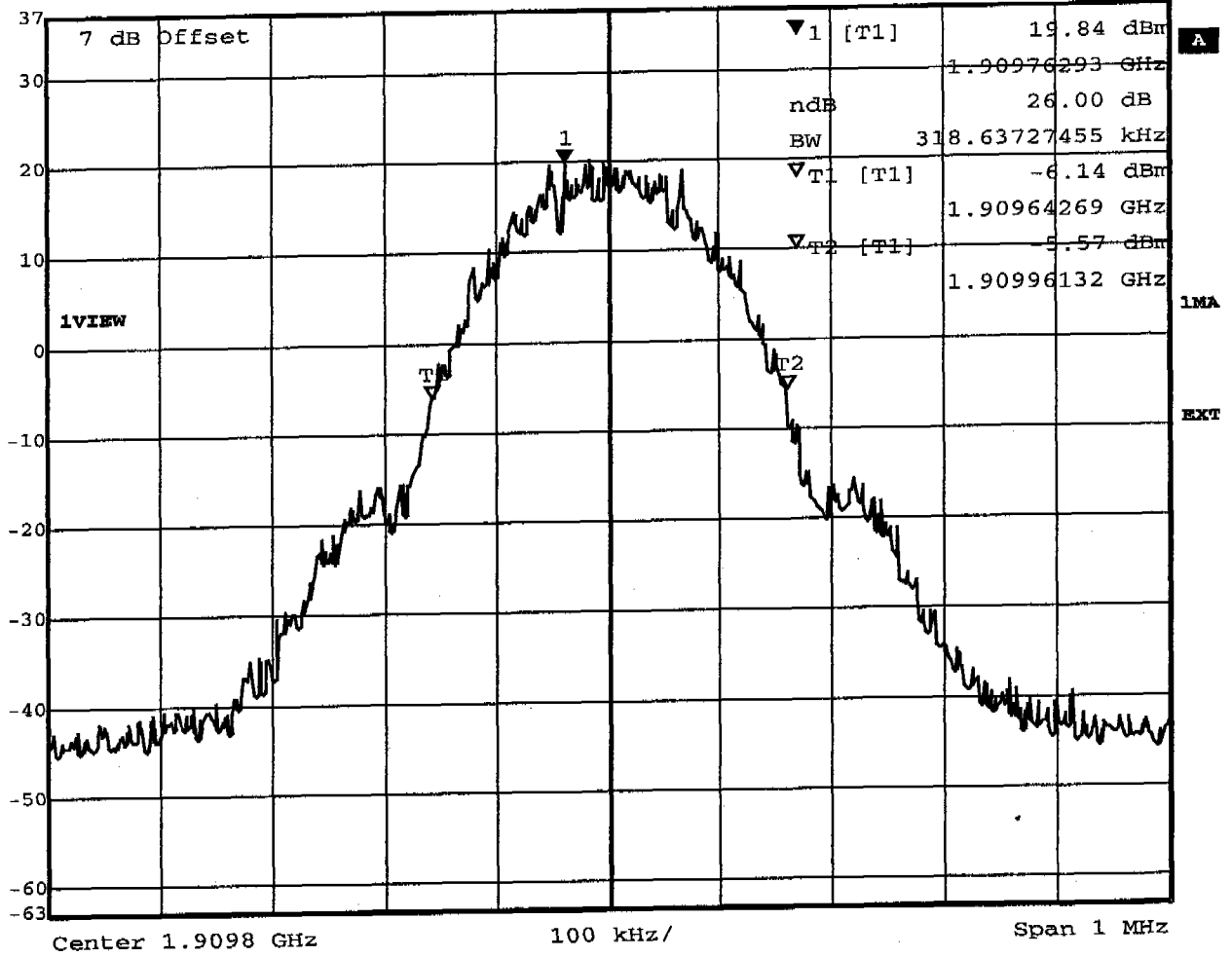
Ref Lvl 37 dBm
Marker 1 [T1 ndB] 26.00 dB
RBW 3 kHz
RF Att 60 dB
VBW 3 kHz
Unit dBm
BW 310.62124249 kHz
SWT 280 ms



Title: -26 dBc Emission Bandwidth Channel 661
Date: 1.SEP.2003 14:32:26



Ref Lvl 37 dBm
Marker 1 [T1 ndB] 26.00 dB
RBW 3 kHz
RF Att 60 dB
VBW 3 kHz
BW 318.63727455 kHz
SWT 280 ms
Unit dBm



Title: -26 dBc Emission Bandwidth Channel 810
Date: 1.SEP.2003 14:29:22

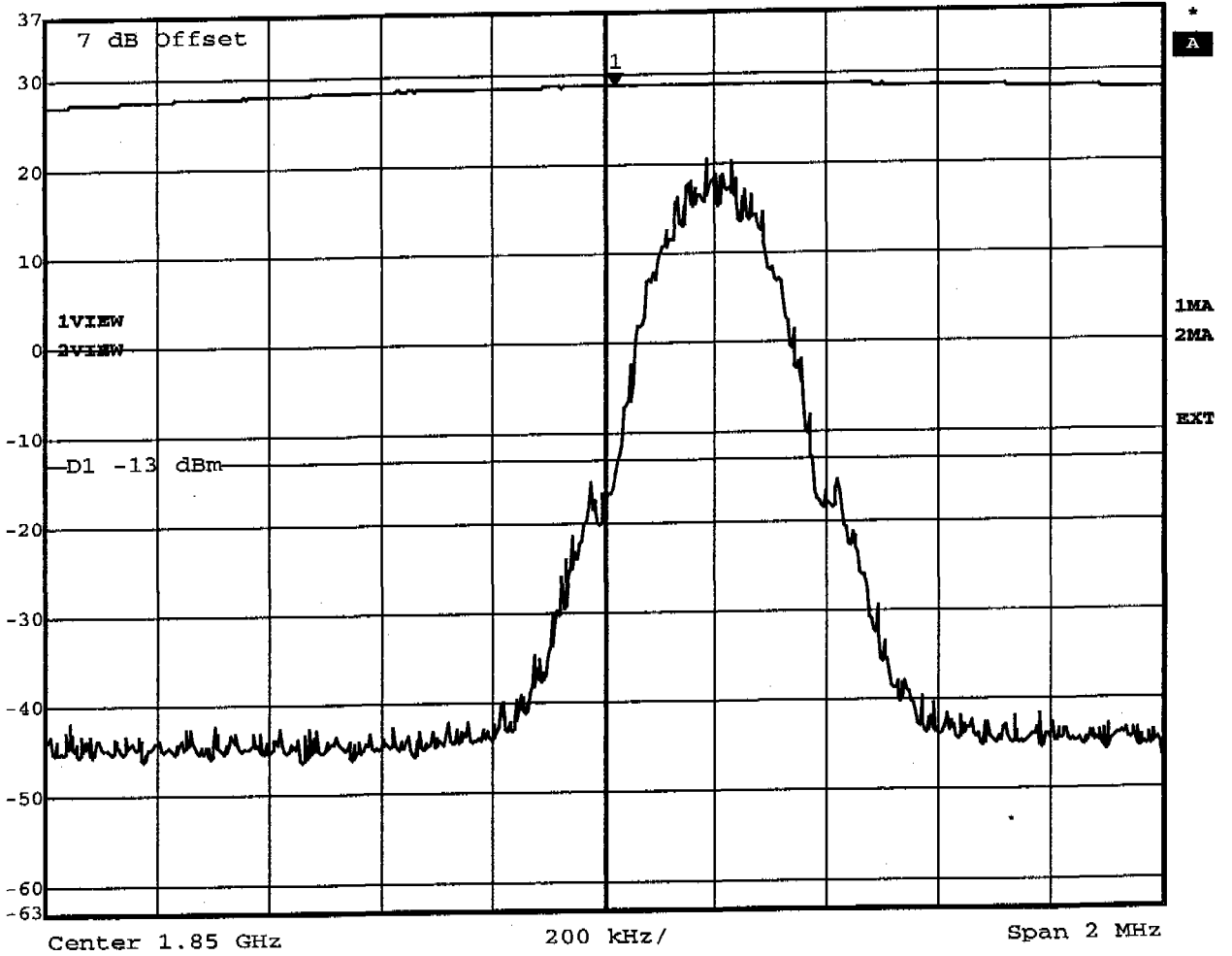


Appendix E

Field Strength of Spurious Radiation



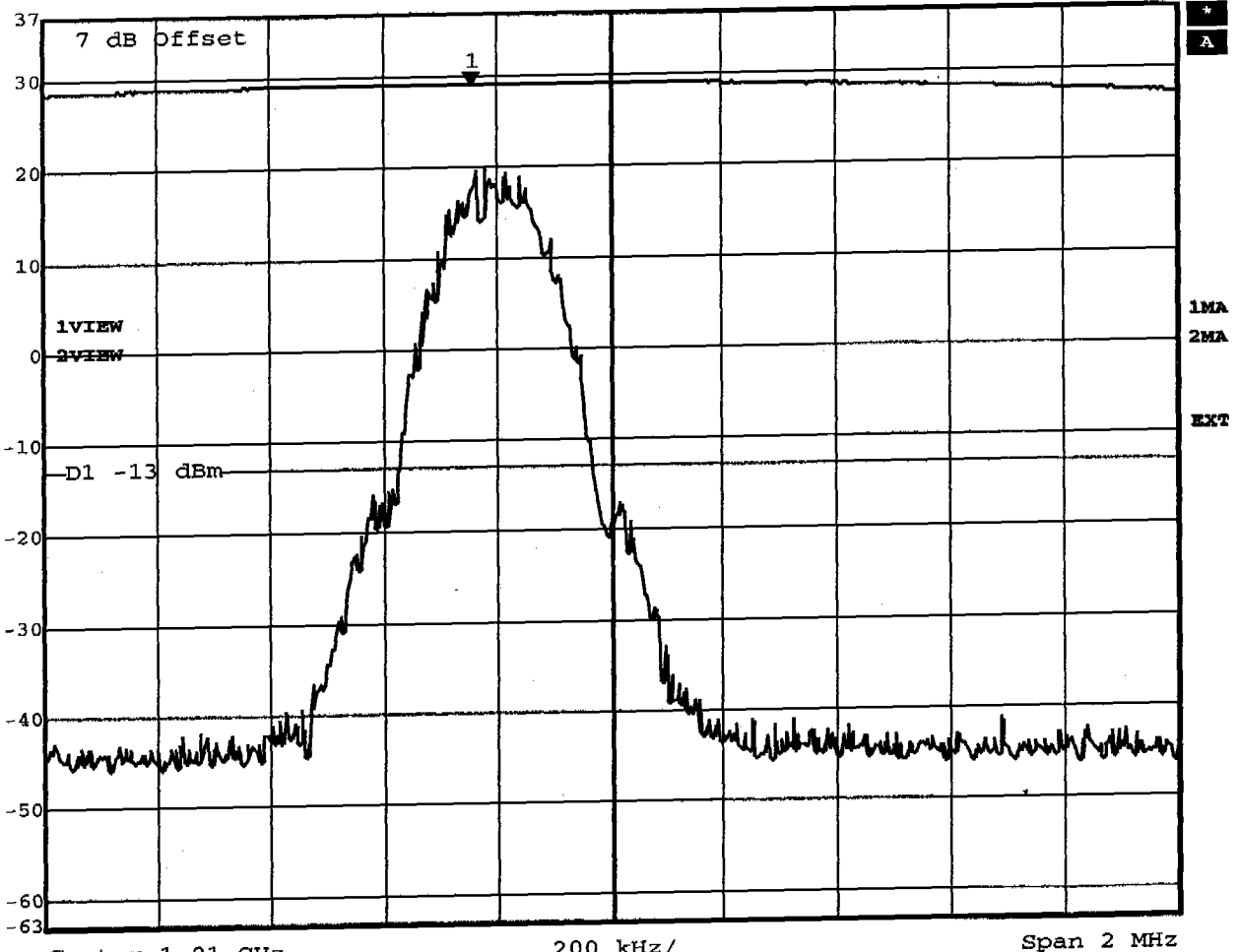
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 28.60 dBm VBW 3 kHz
37 dBm 1.85002204 GHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Date: 1.SEP.2003 14:49:00



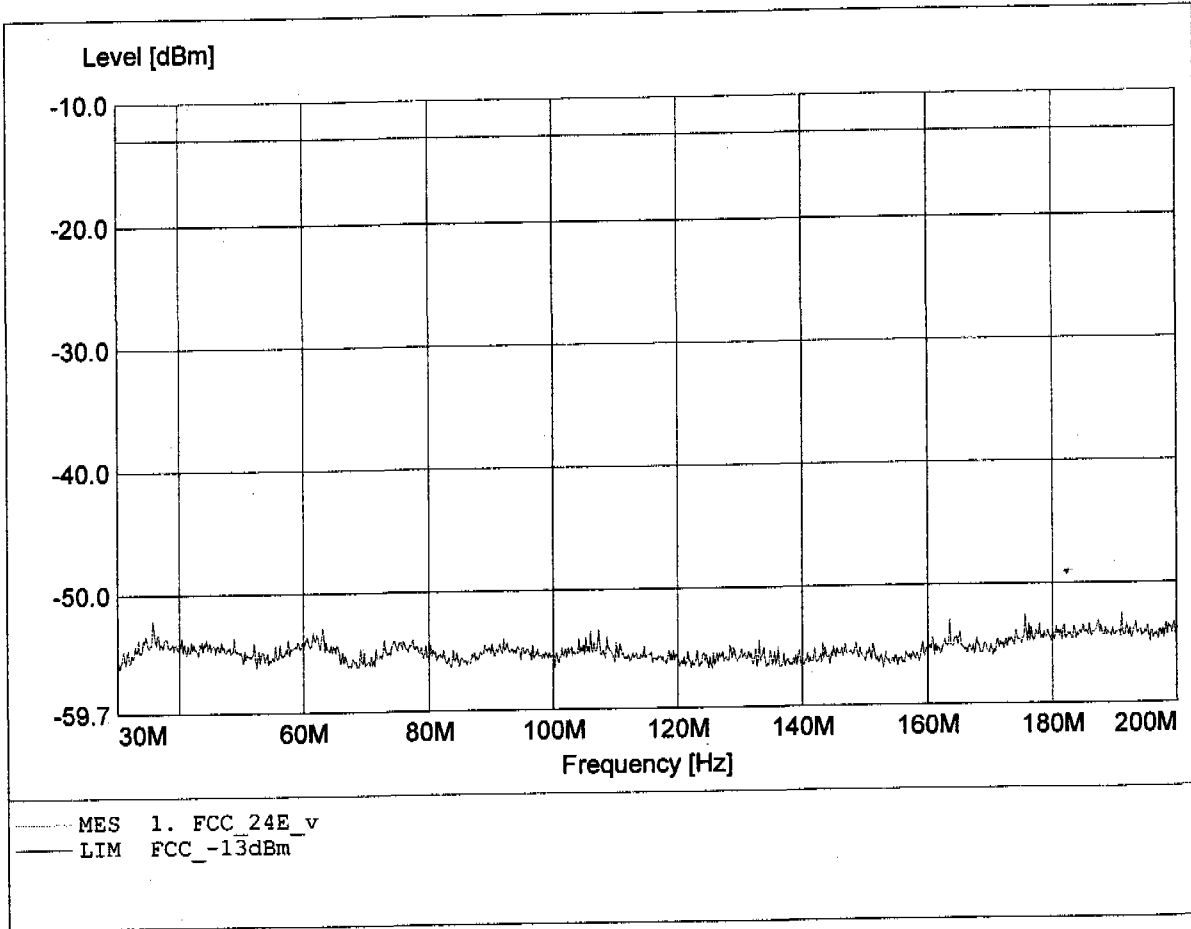
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 28.98 dBm VBW 3 kHz
37 dBm 1.90975752 GHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Date: 1.SEP.2003 14:30:59

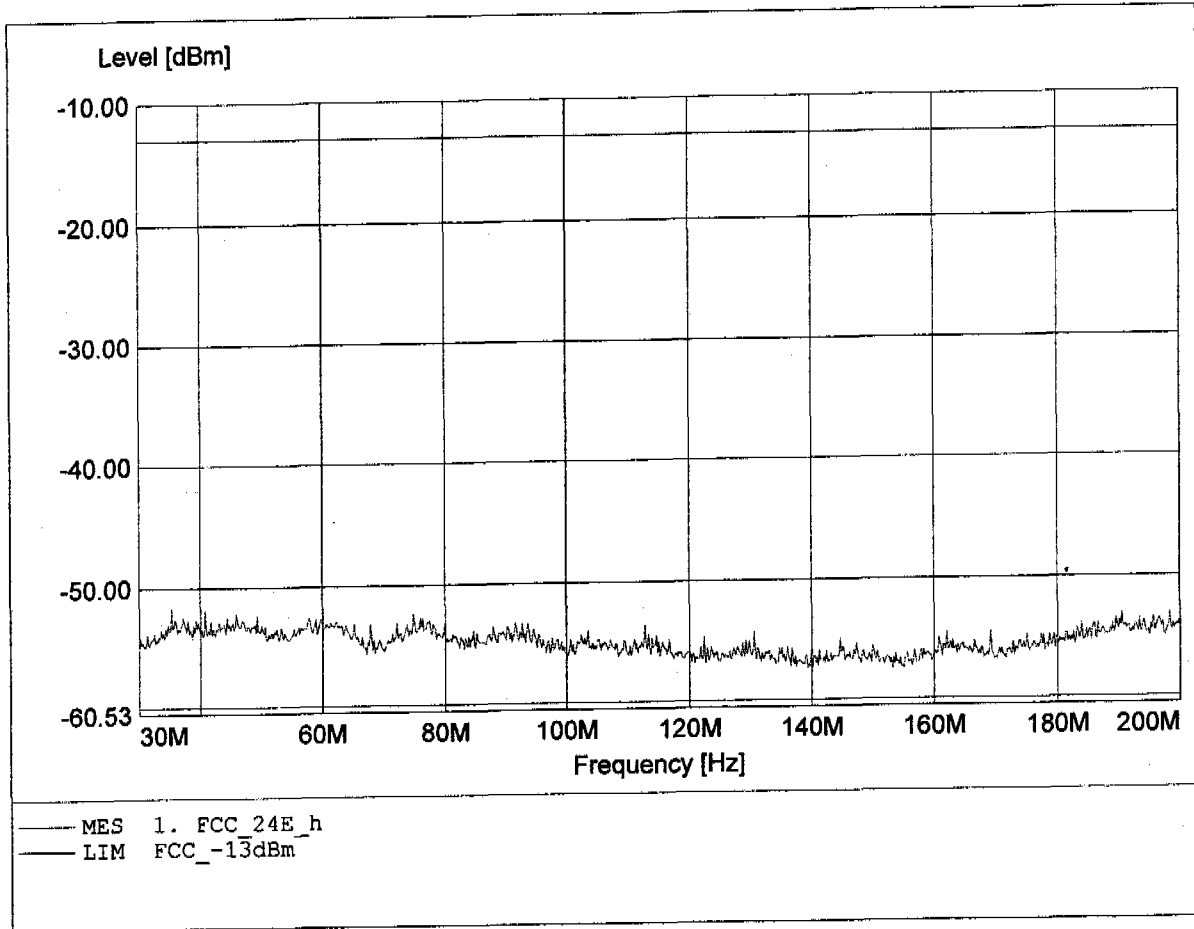
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 35.667MHz, Pmax: -52.15dBm, RBW: 1MHz



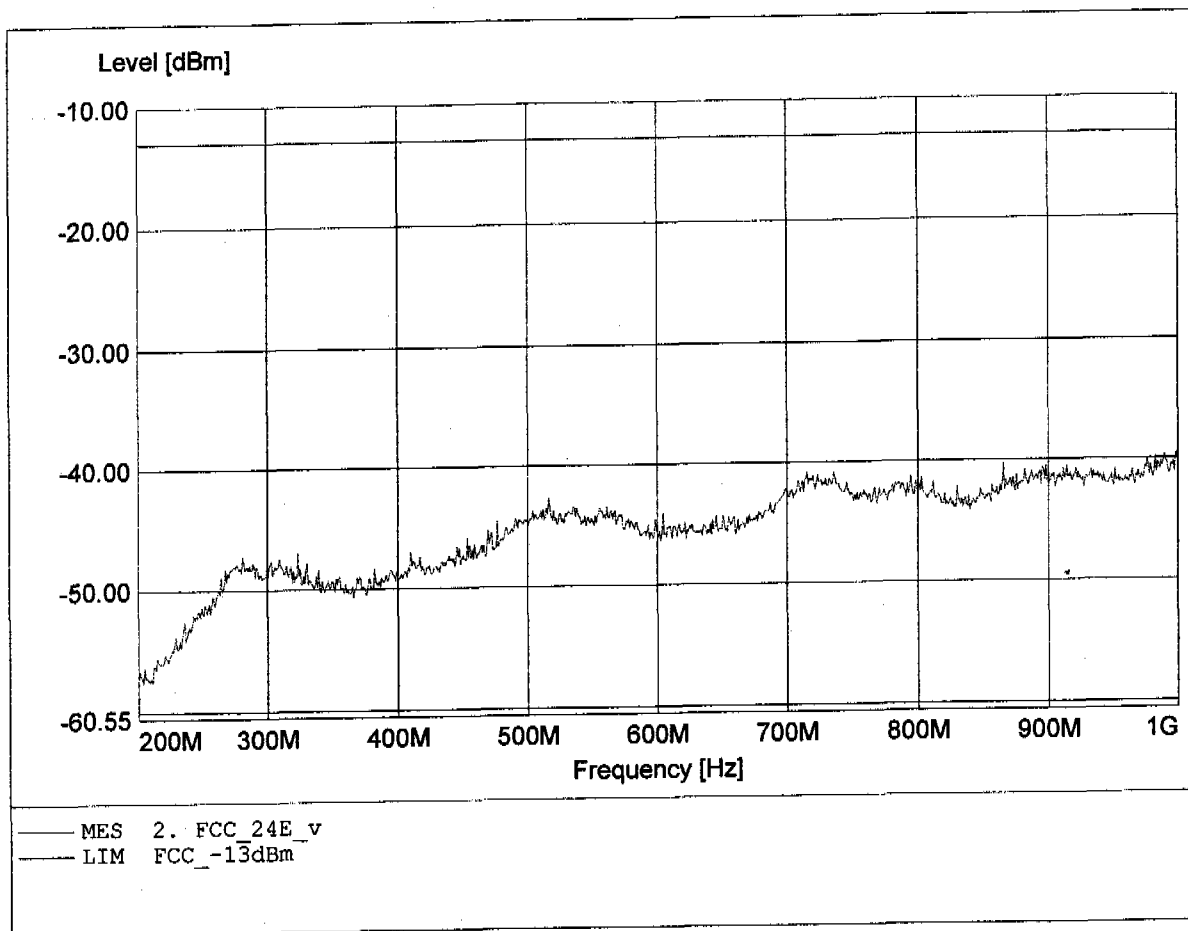
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 35.289MHz, Pmax: -51.76dBm, RBW: 1MHz



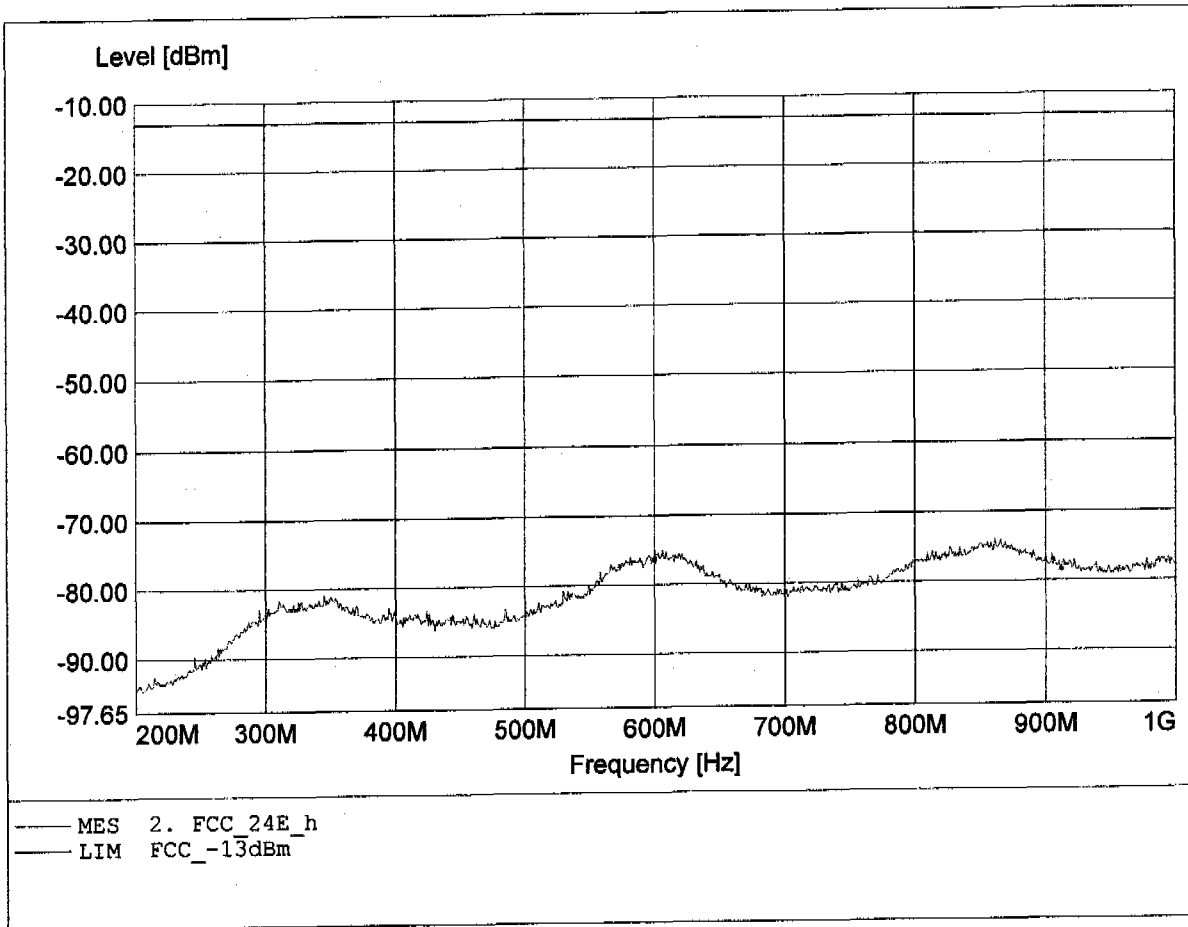
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 999.111MHz, Pmax: -39.48dBm, RBW: 1MHz



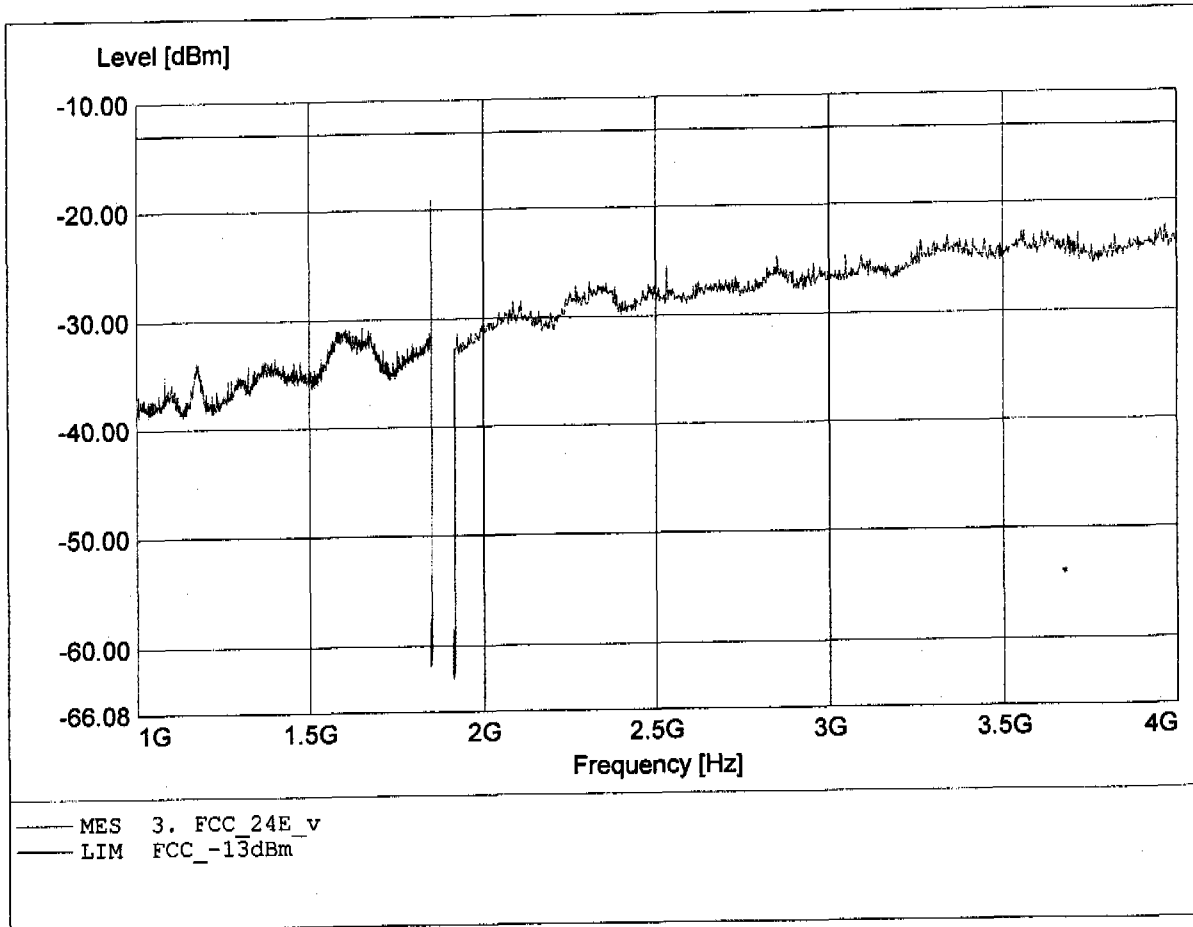
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 861.333MHz, Pmax: -73.95dBm, RBW: 1MHz



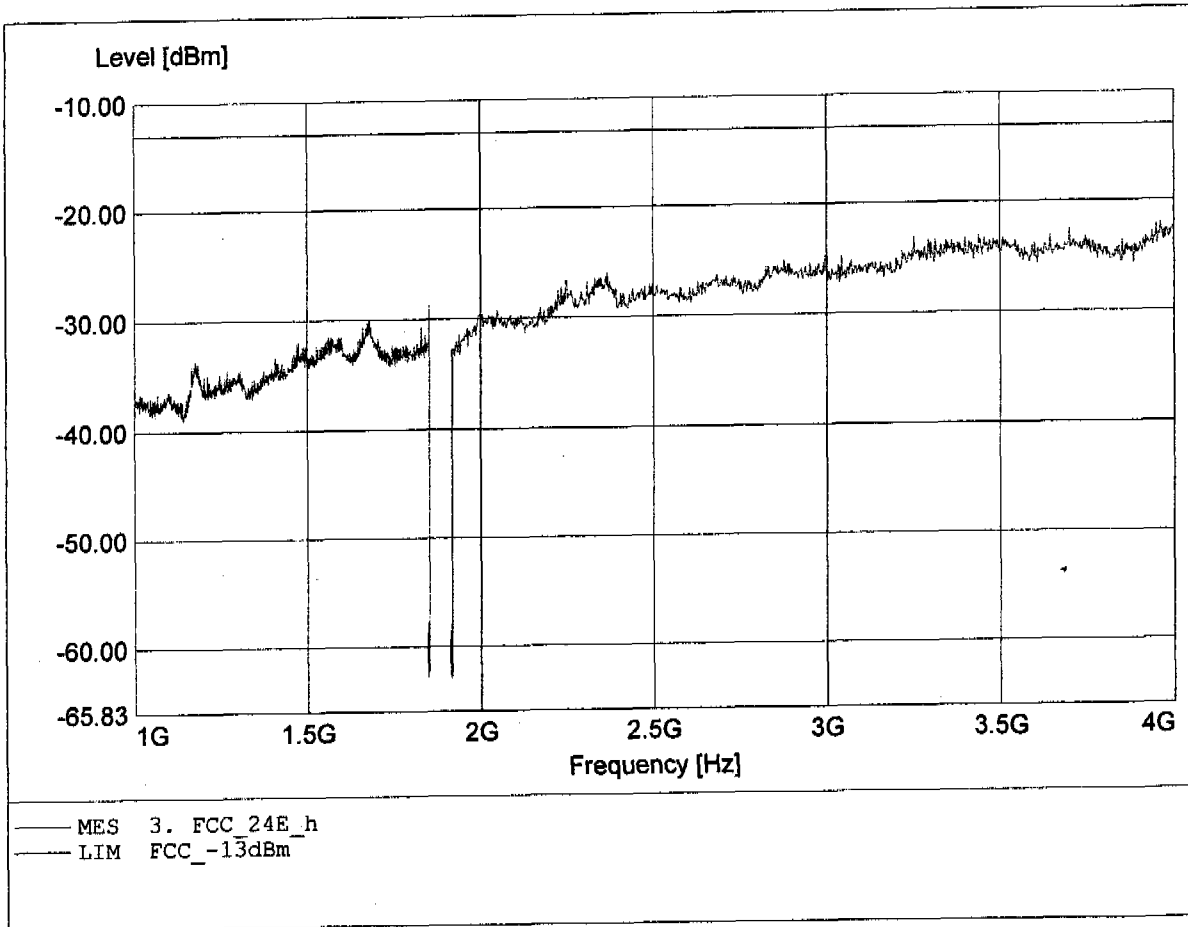
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -19.00dBm, RBW: 1MHz/3kHz



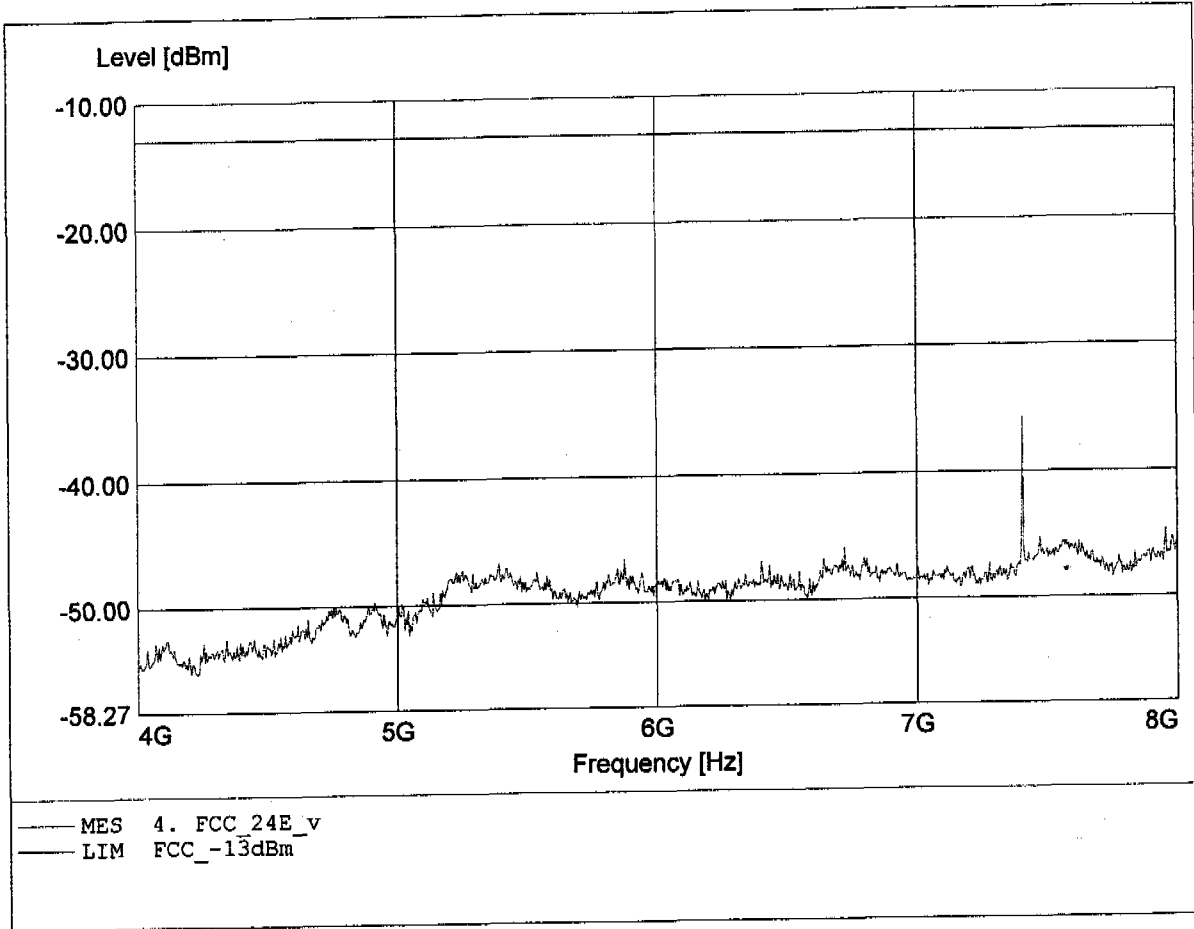
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.961GHz, Pmax: -22.00dBm, RBW: 1MHz/3kHz



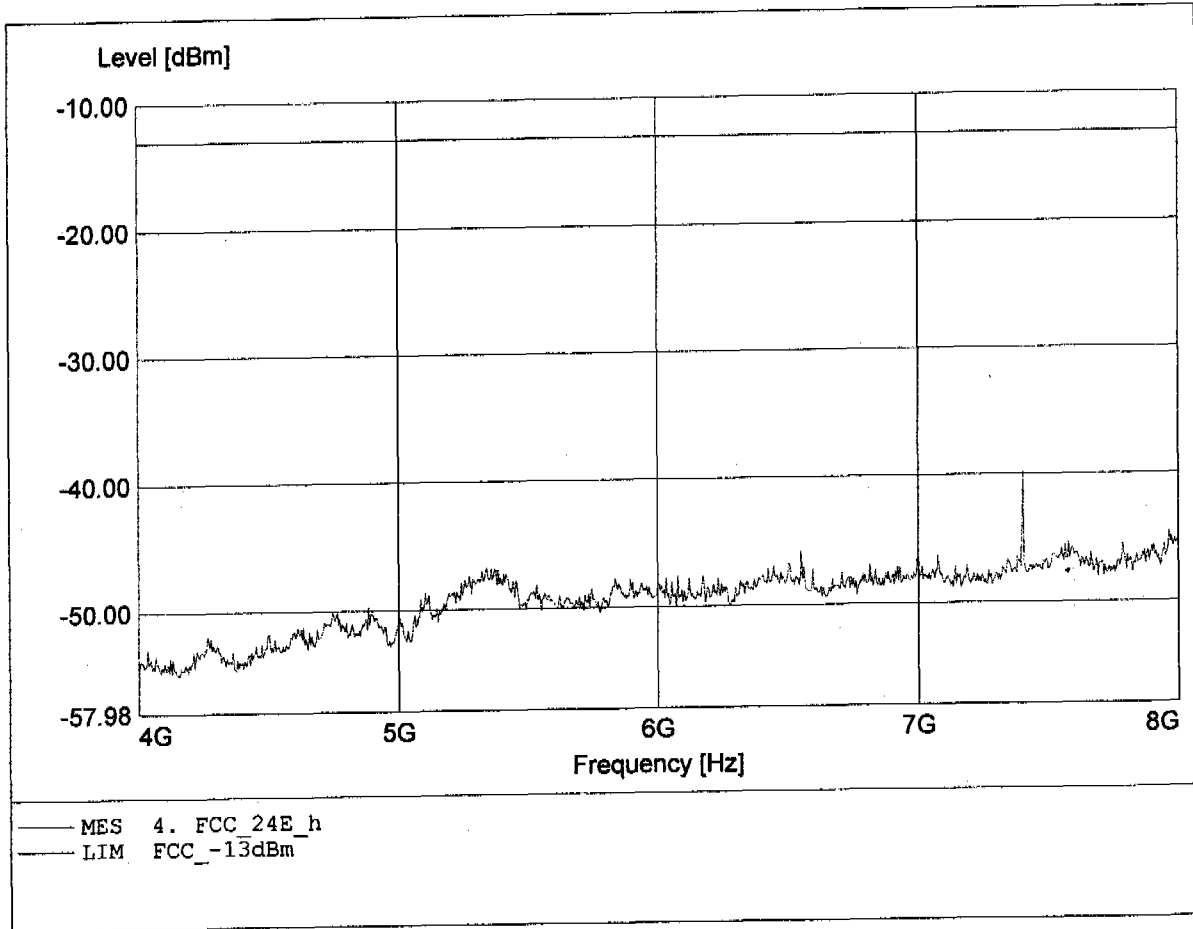
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Pmax: -35.71dBm, RBW: 1MHz



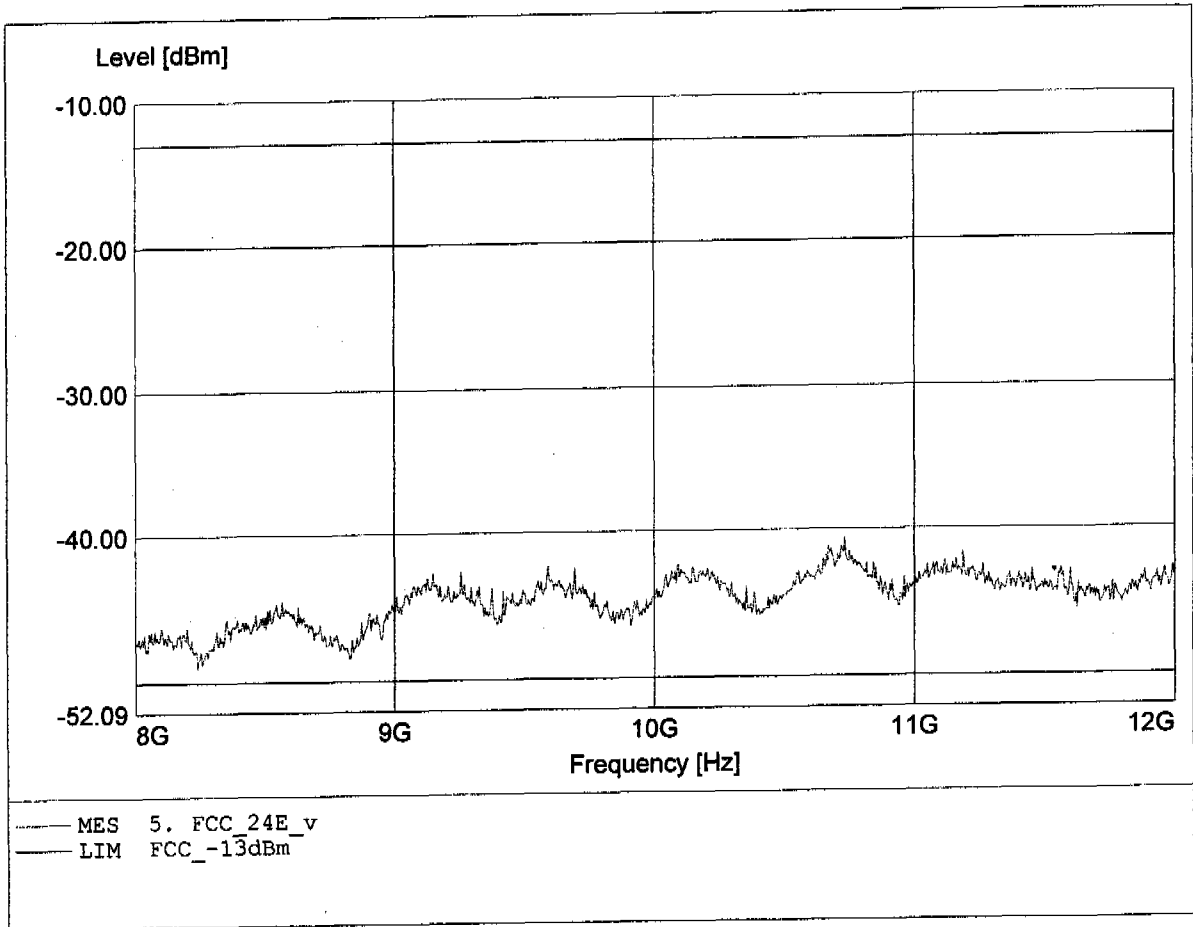
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Pmax: -39.88dBm, RBW: 1MHz



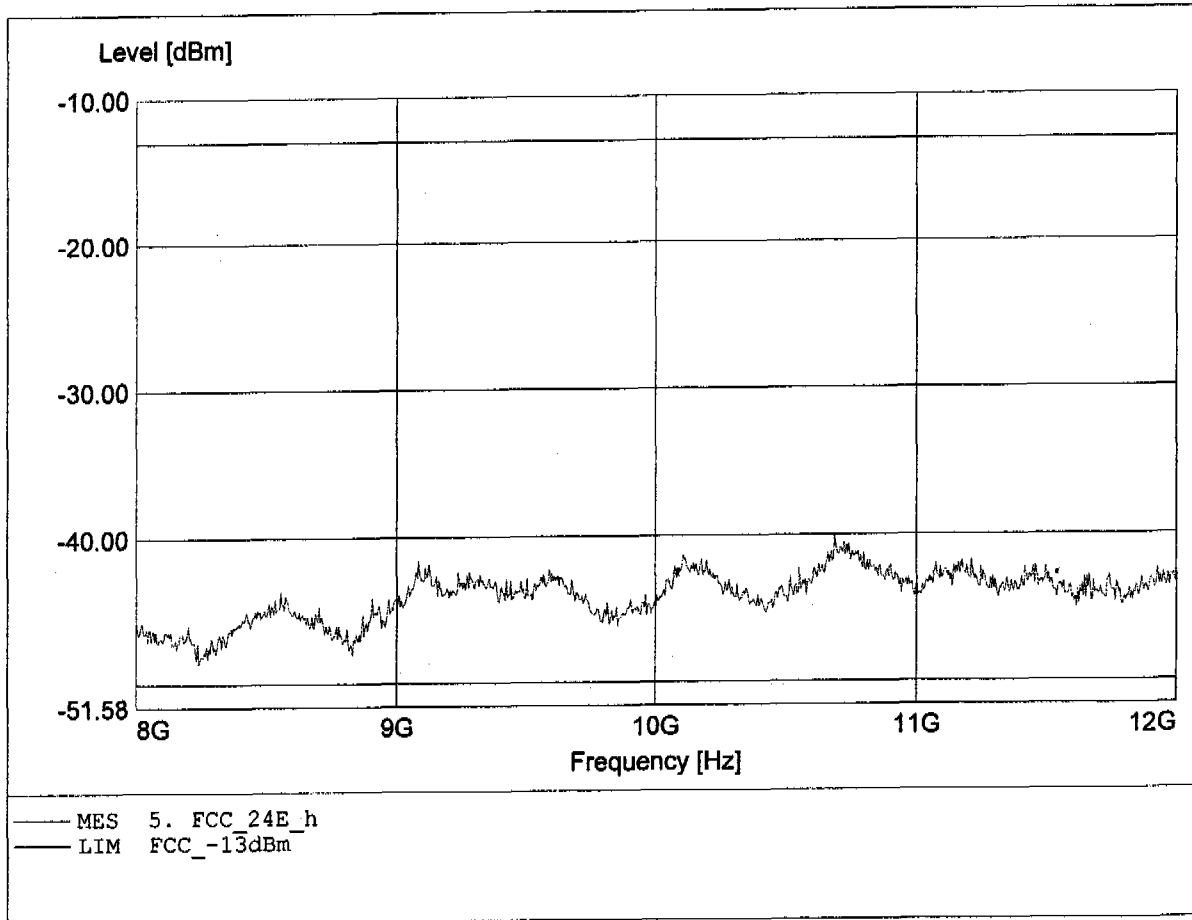
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.738GHz, Pmax: -40.56dBm, RBW: 1MHz



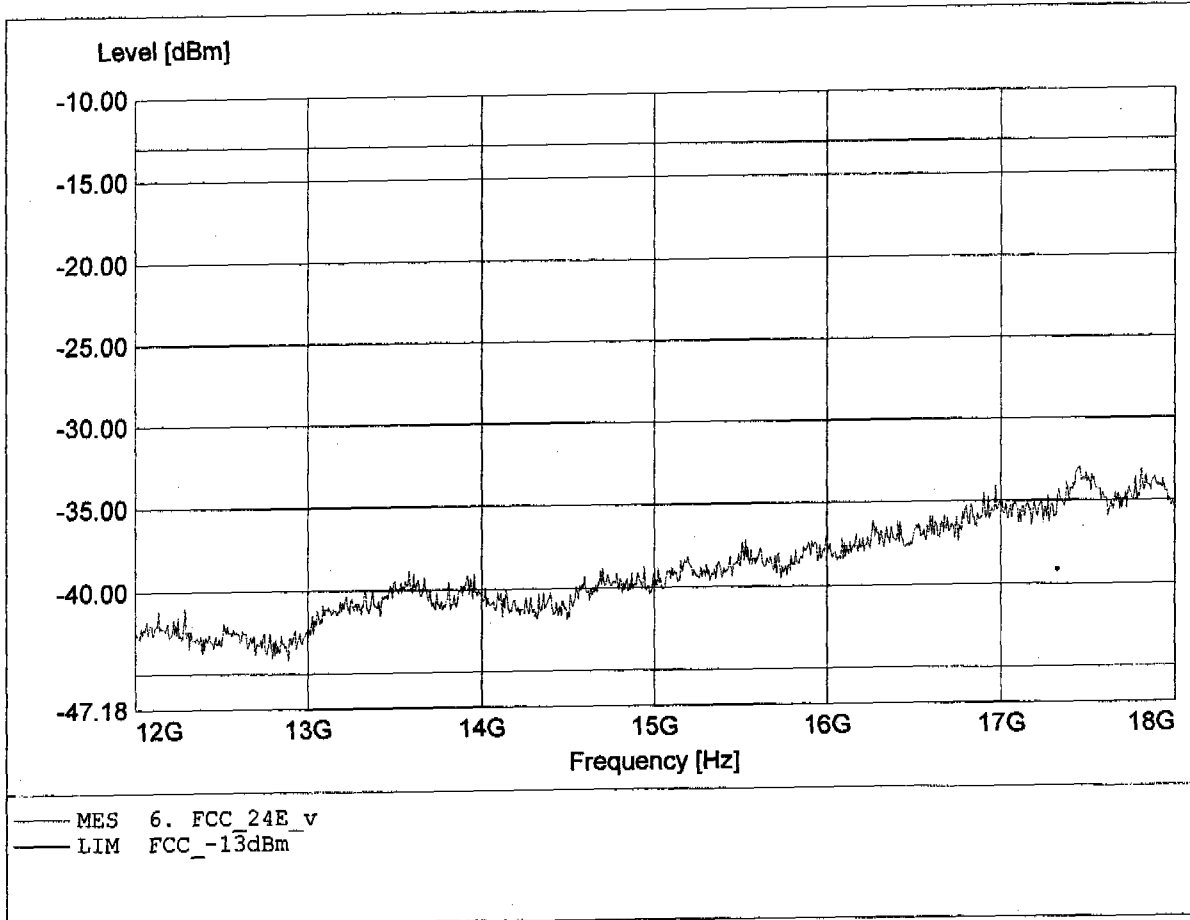
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.689GHz, Pmax: -40.13dBm, RBW: 1MHz



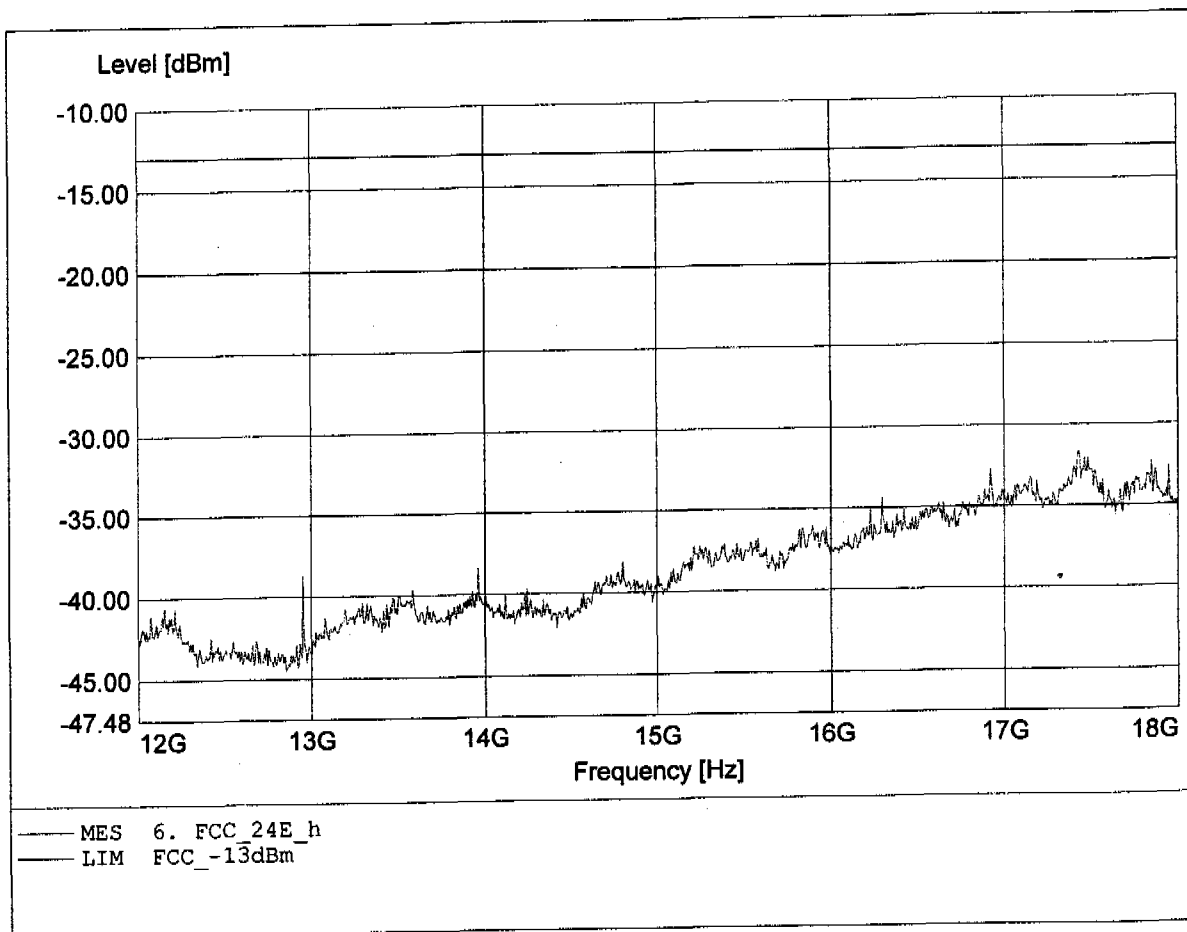
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.447GHz, Pmax: -32.97dBm, RBW: 1MHz



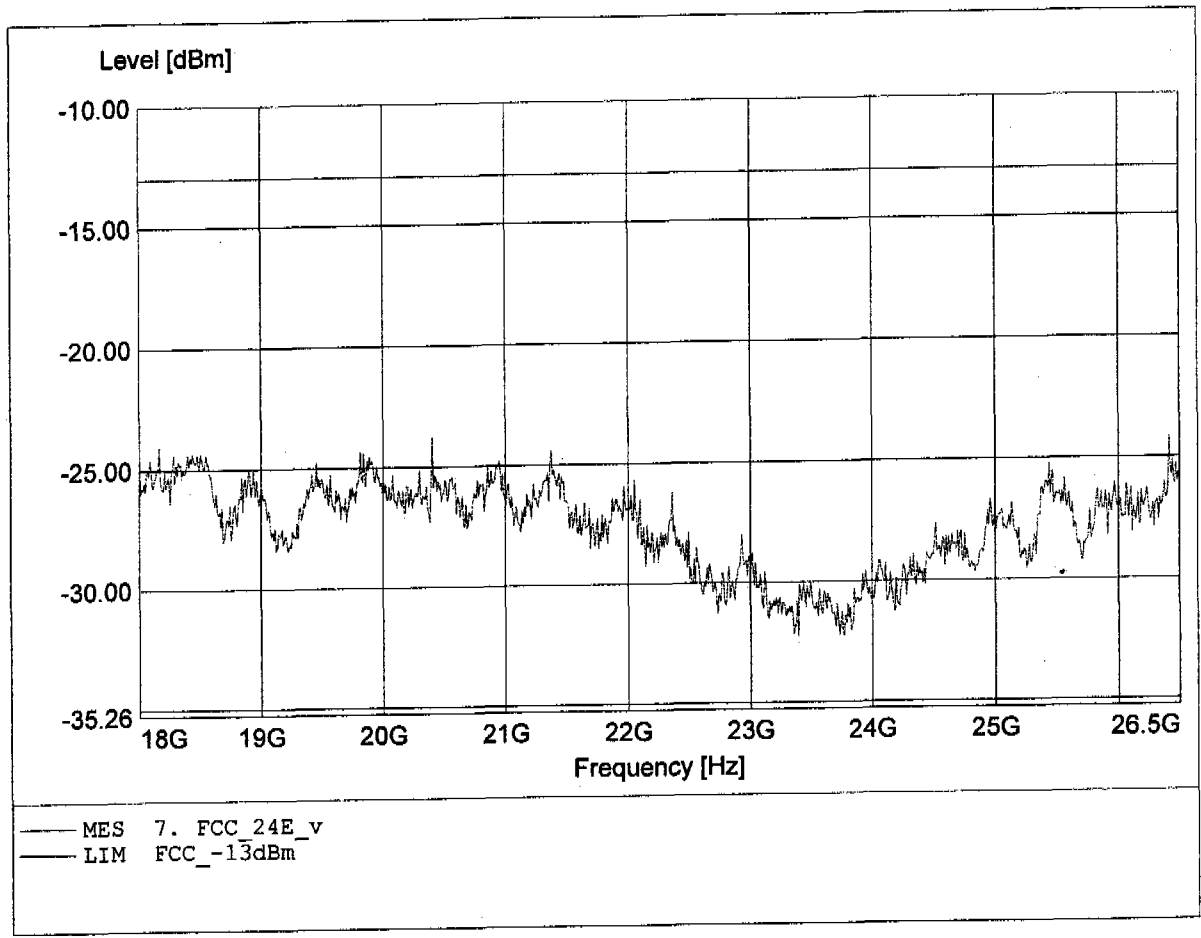
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -31.69dBm, RBW: 1MHz



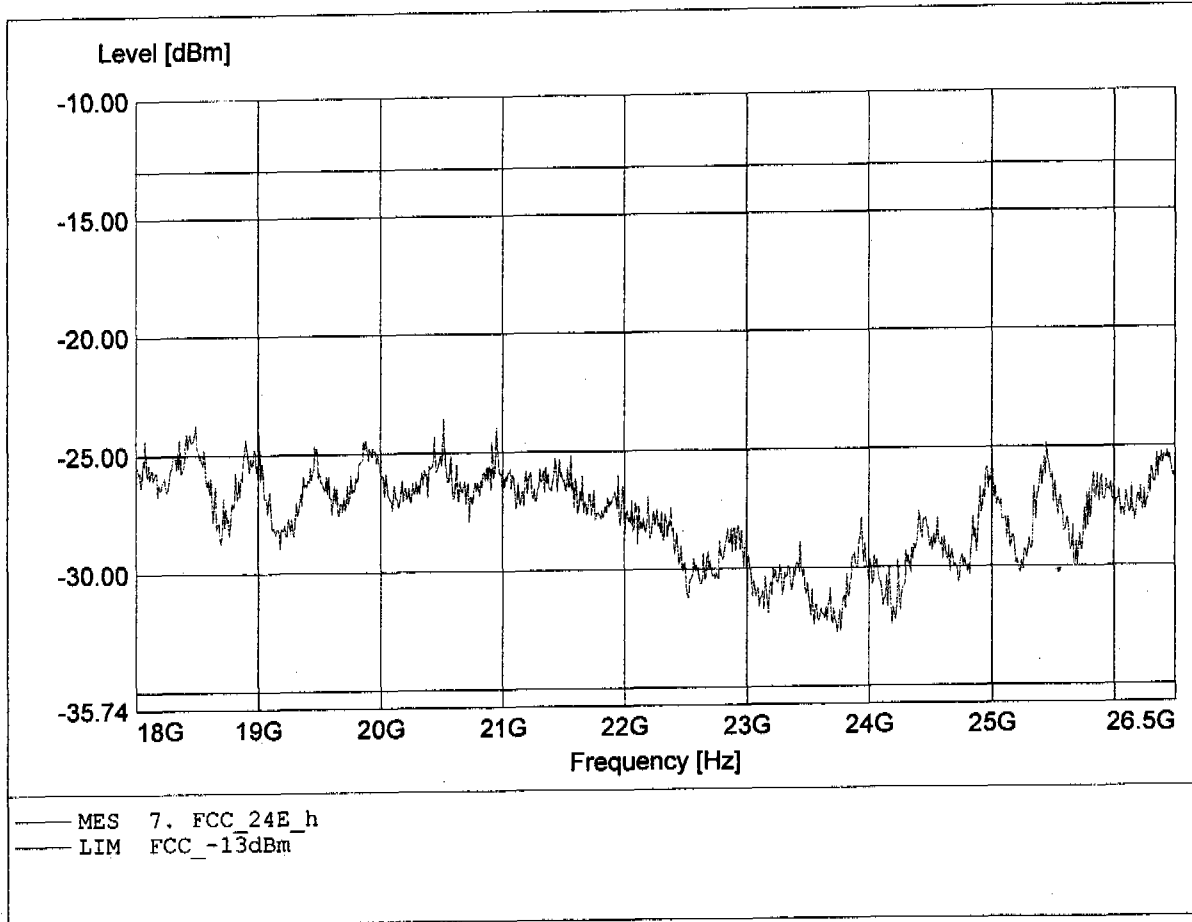
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 20.399GHz, Pmax: -23.78dBm, RBW: 1MHz



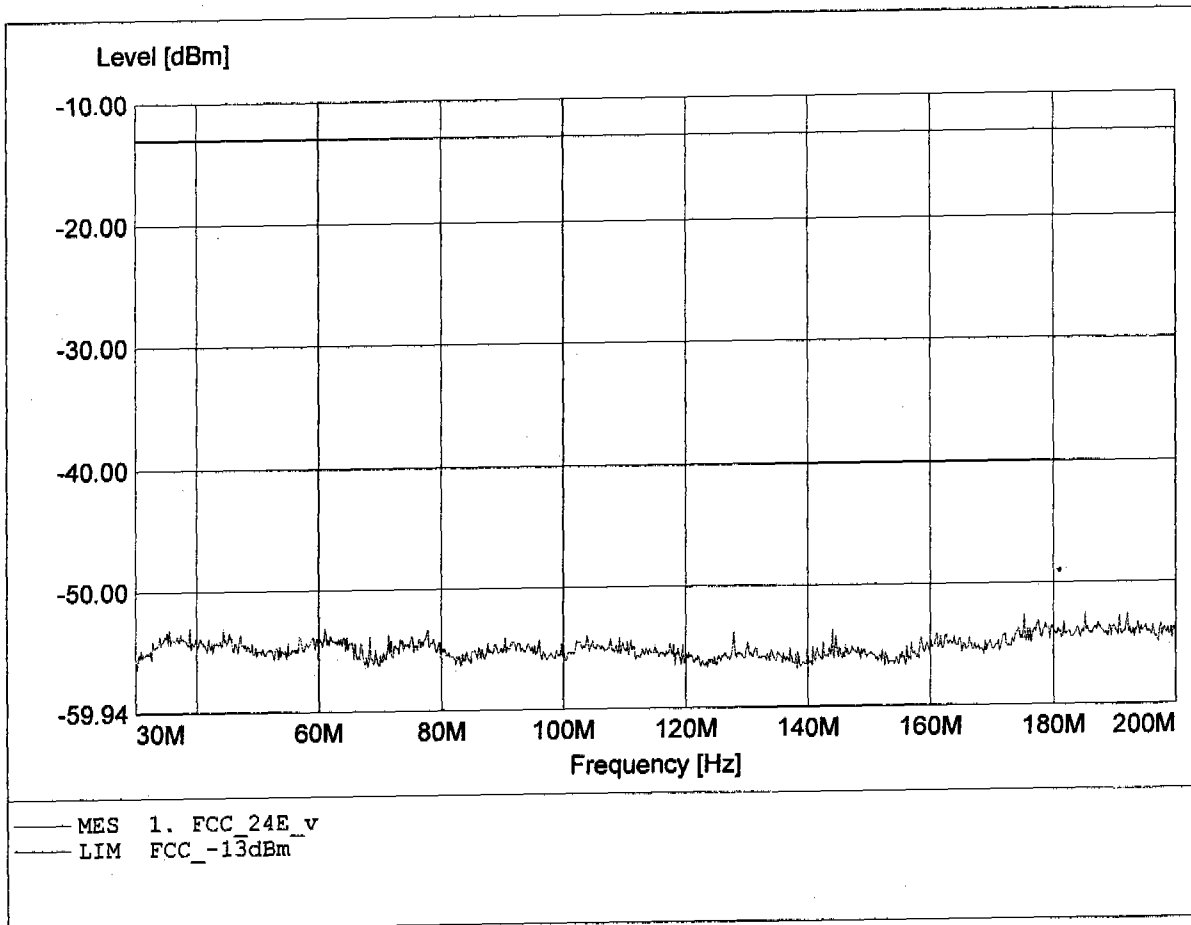
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 512
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 20.512GHz, Pmax: -23.56dBm, RBW: 1MHz



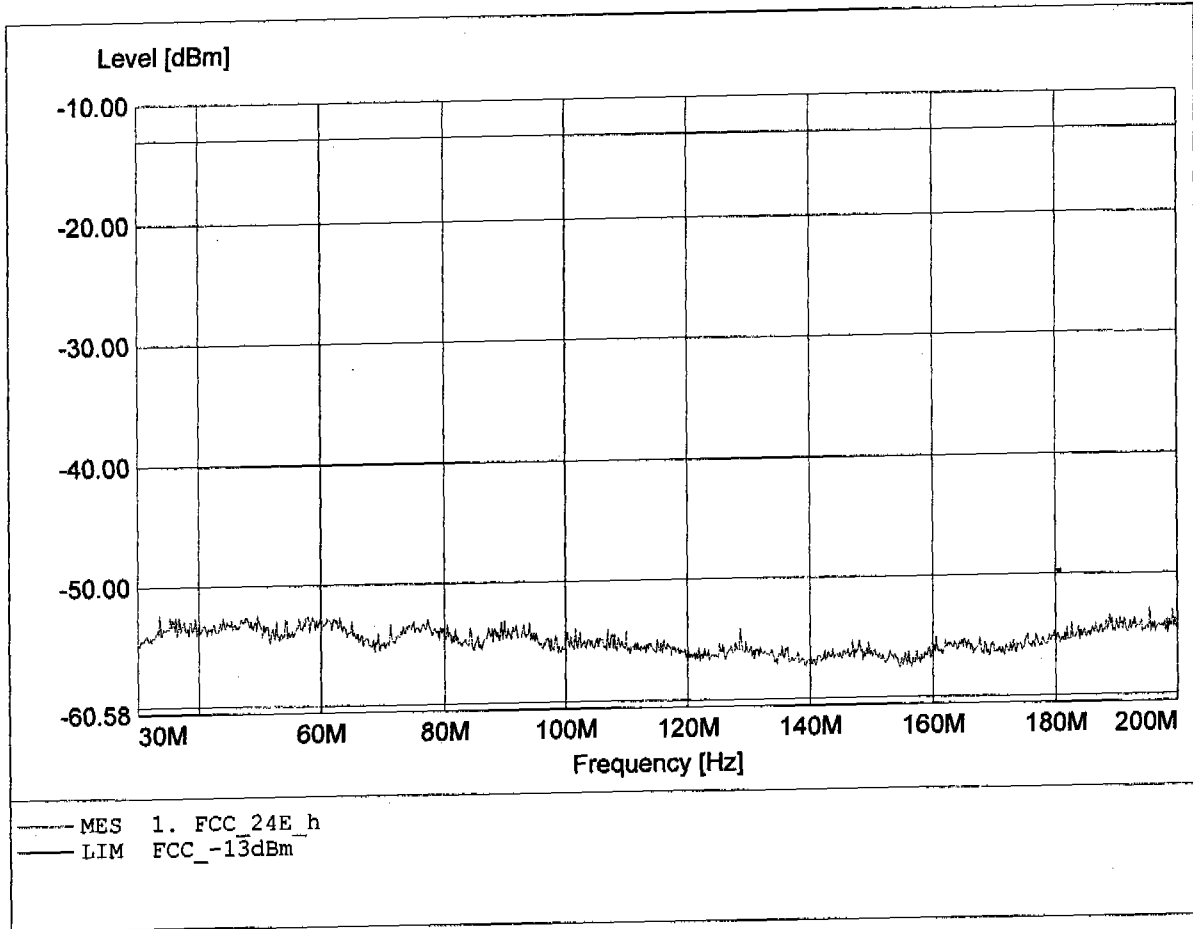
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 185.078MHz, Pmax: -52.51dBm, RBW: 1MHz



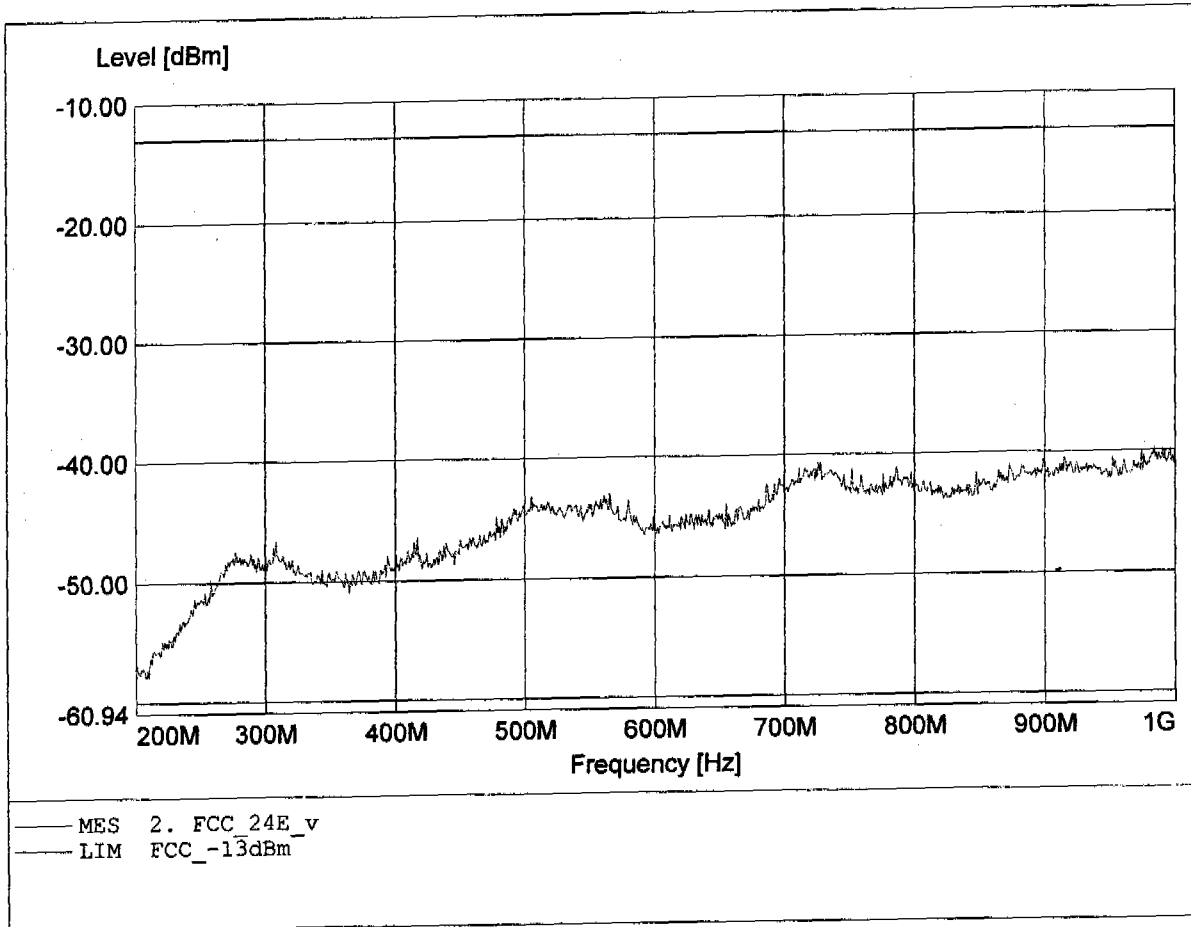
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 33.589MHz, Pmax: -52.32dBm, RBW: 1MHz



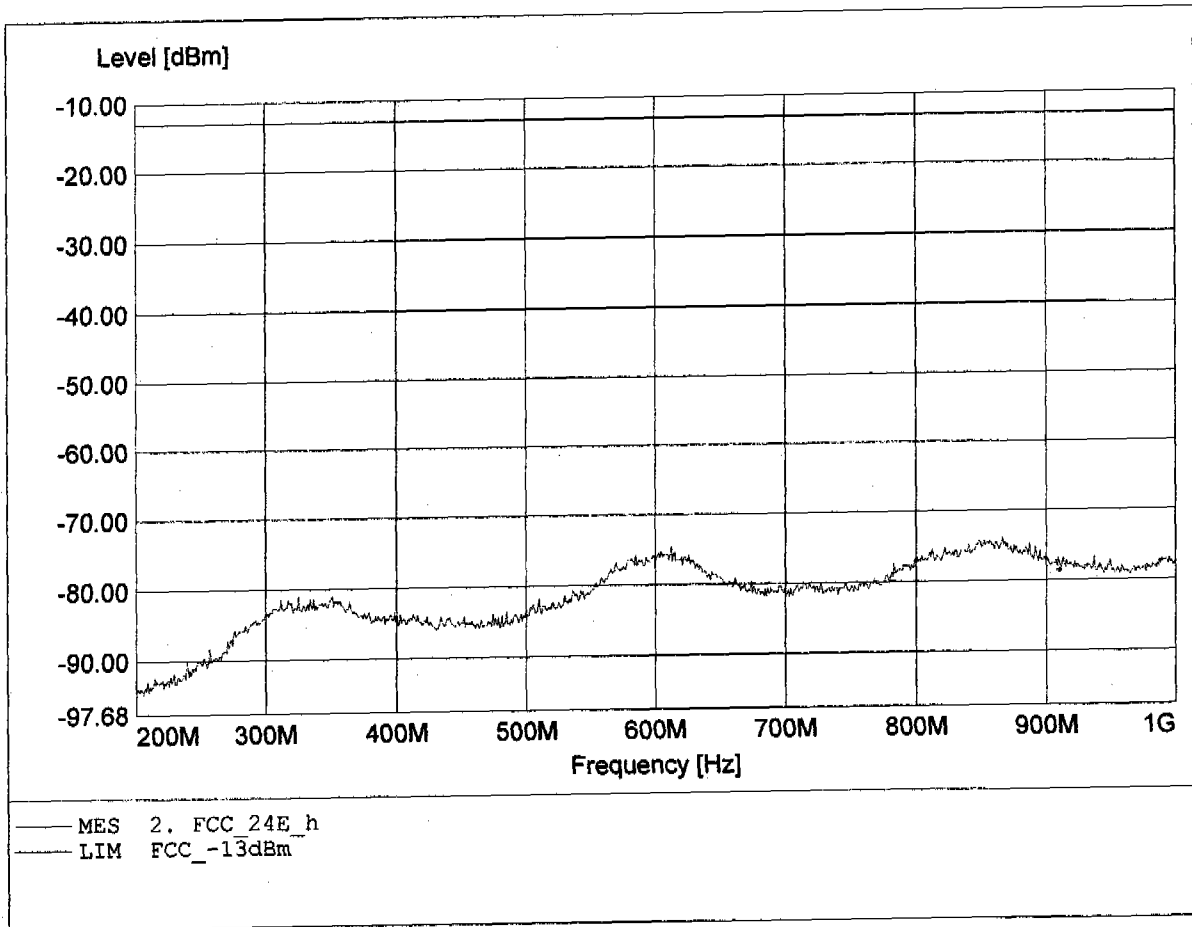
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 984.000MHz, Pmax: -39.69dBm, REW: 1MHz



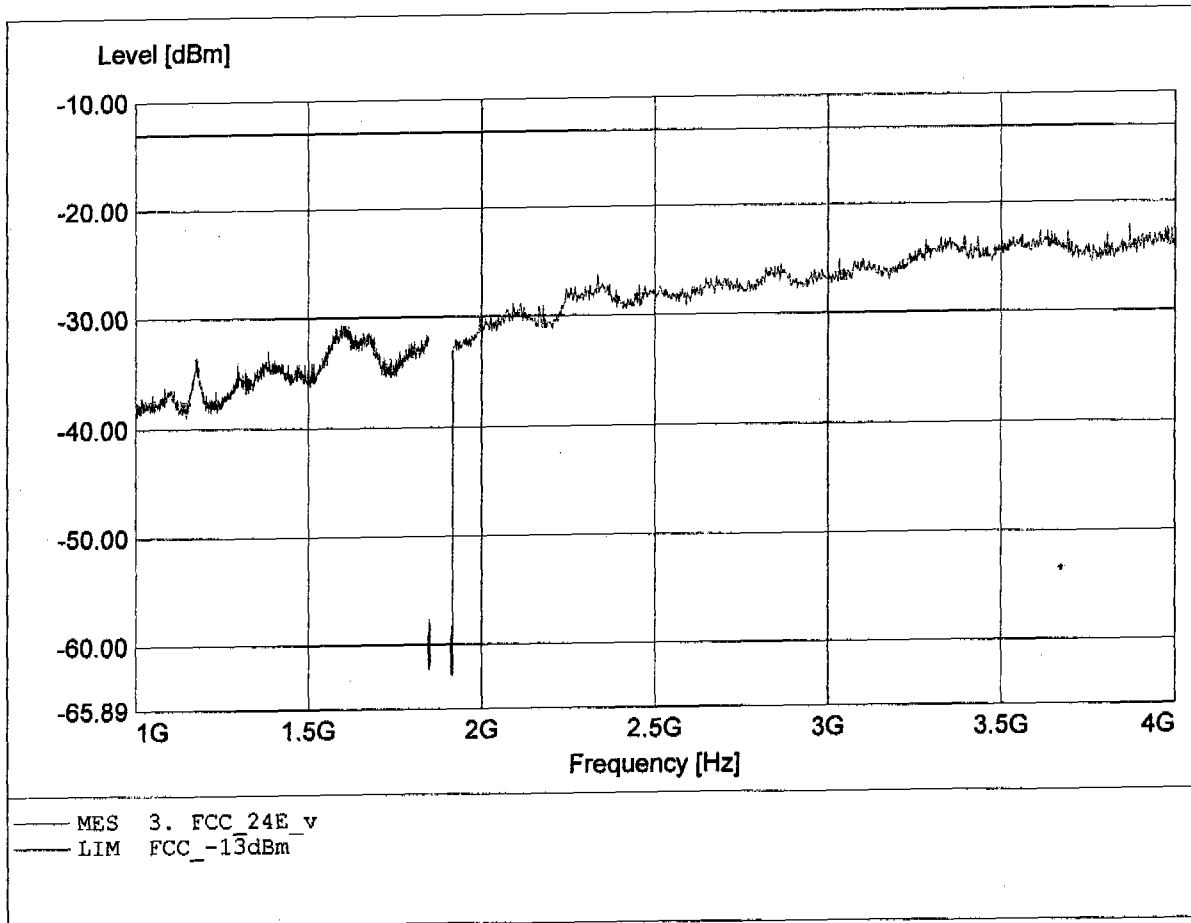
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 866.667MHz, Pmax: -73.91dBm, RBW: 1MHz



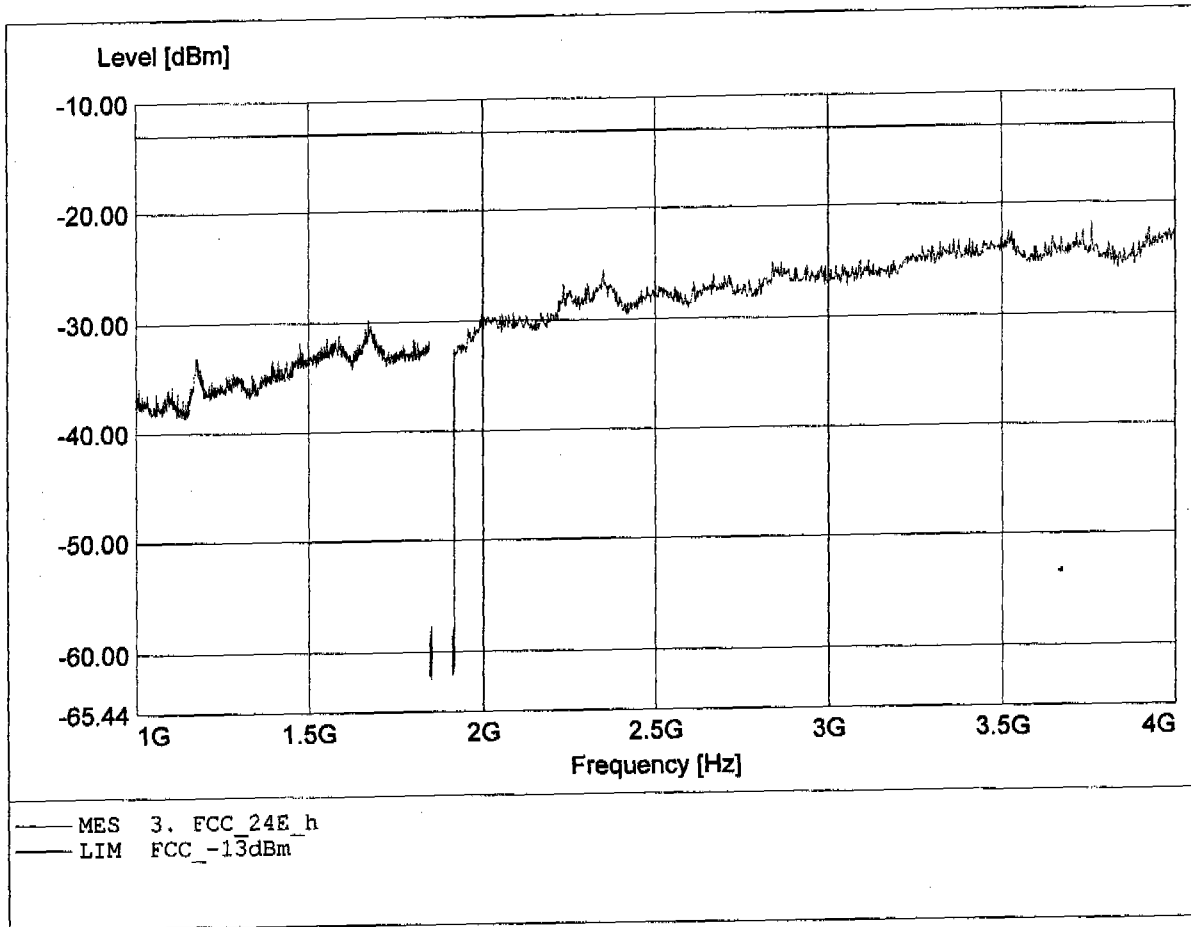
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.868GHz, Pmax: -22.11dBm, RBW: 1MHz/3kHz



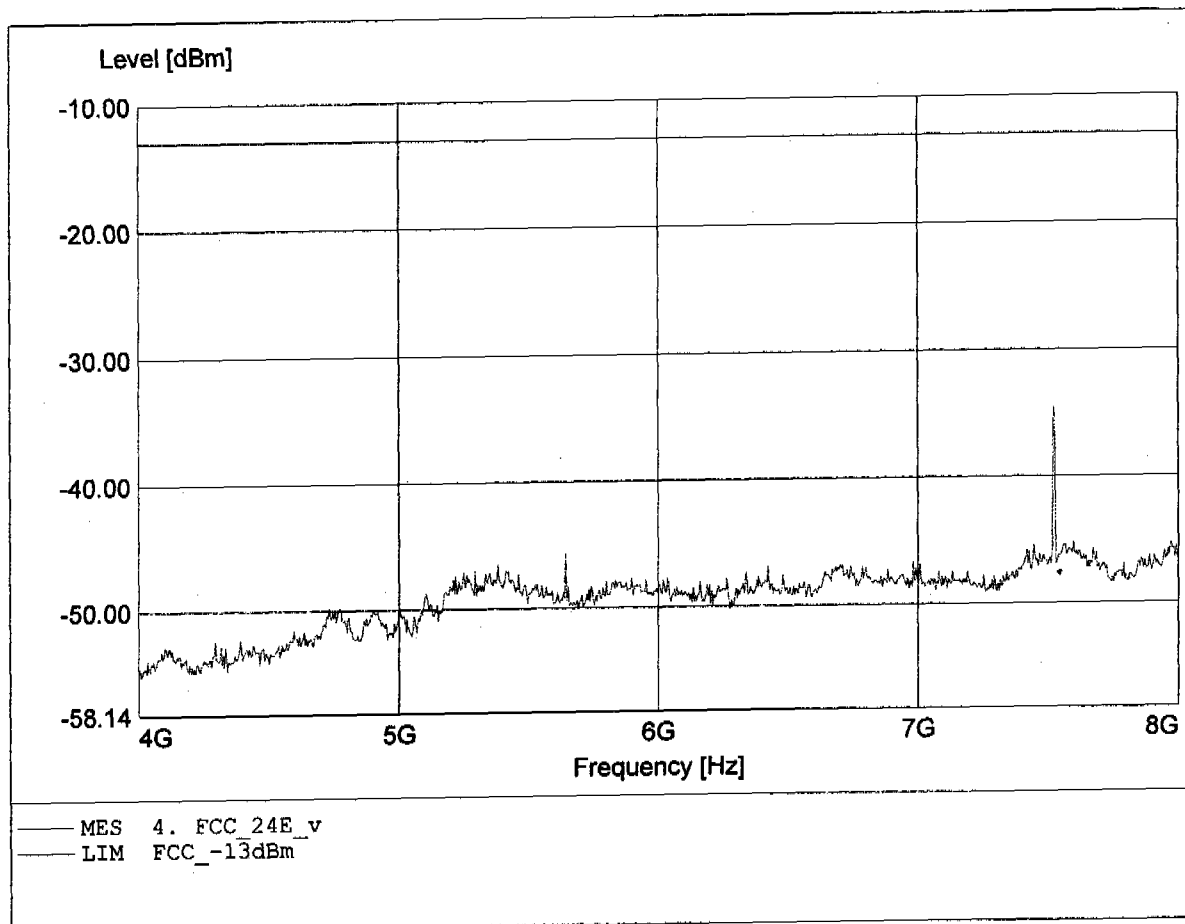
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.757GHz, Pmax: -21.77dBm, REW: 1MHz/3kHz



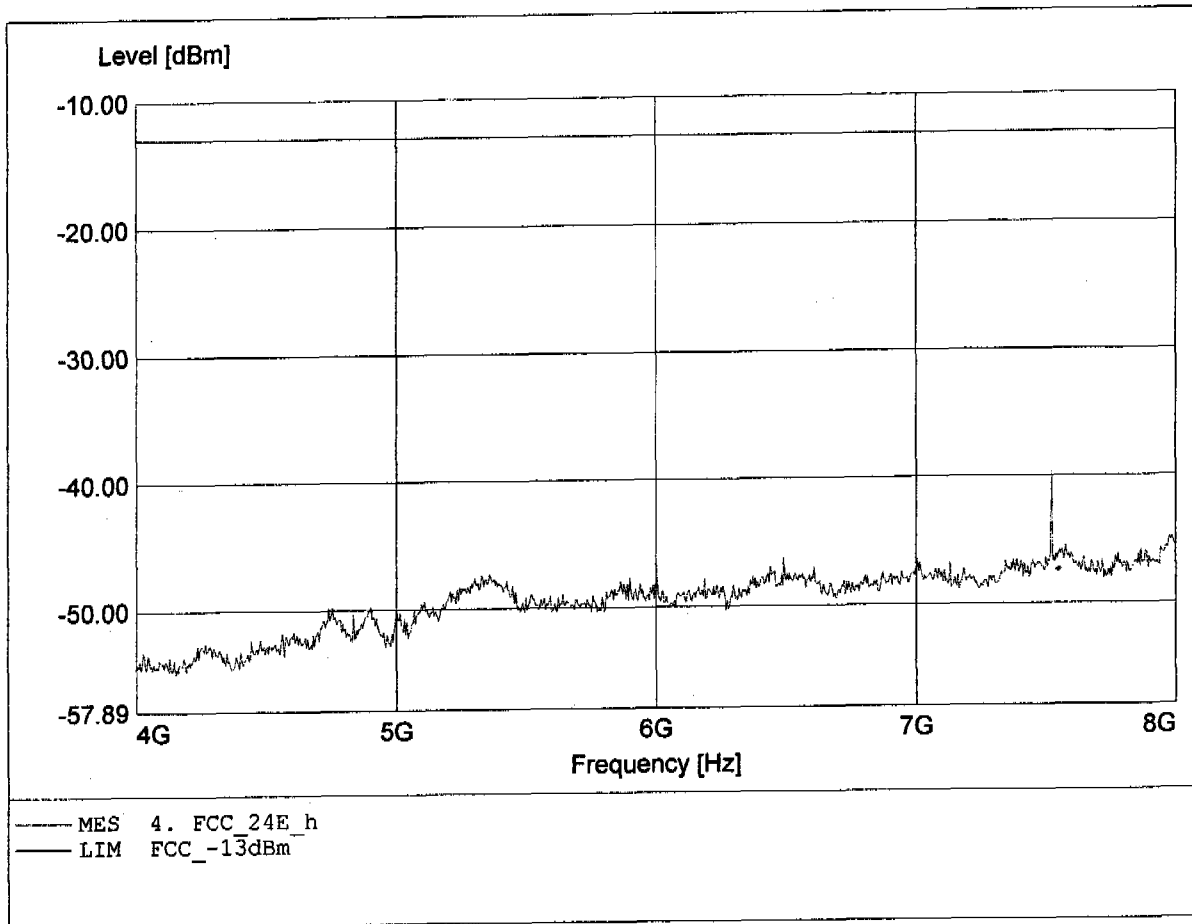
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.520GHz, Pmax: -34.57dBm, RBW: 1MHz



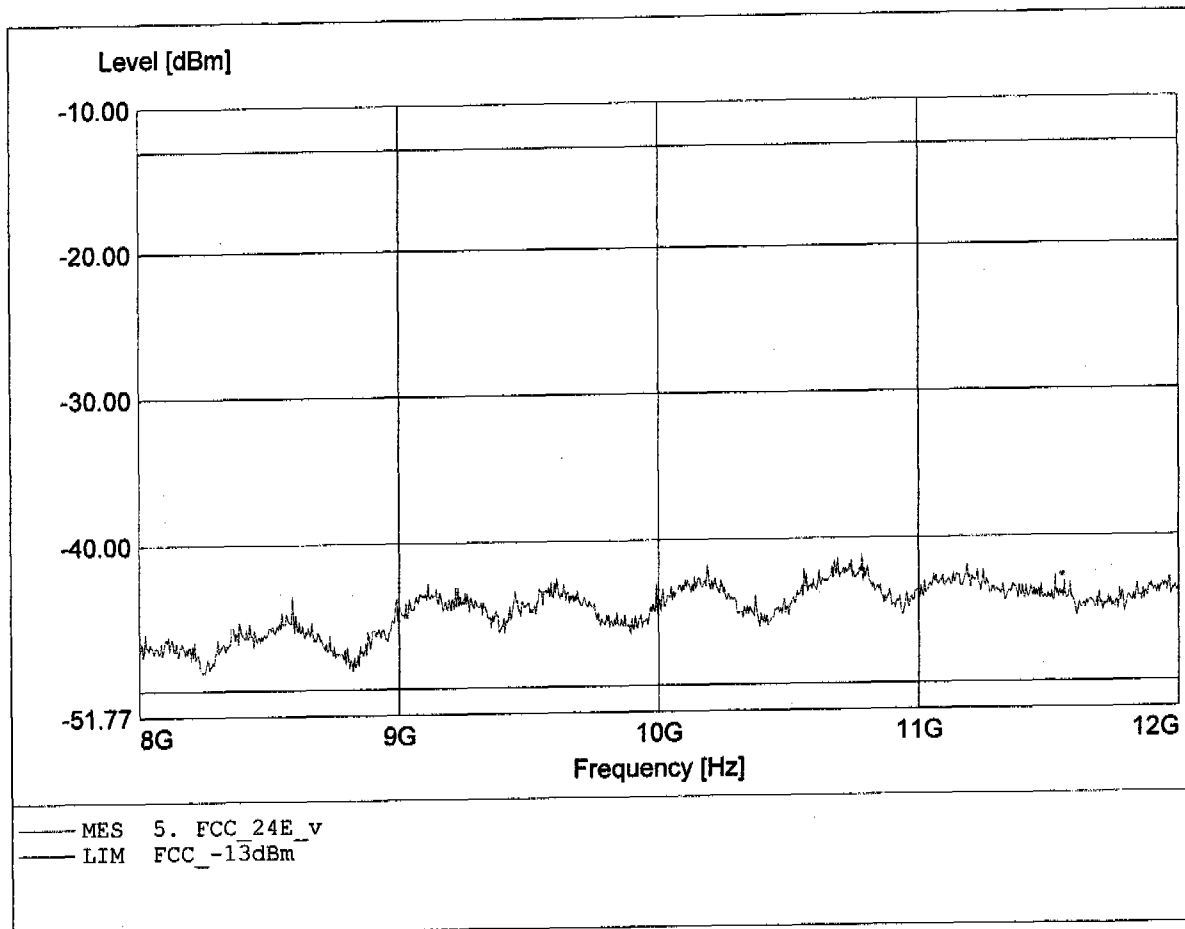
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.520GHz, Pmax: -39.69dBm, RBW: 1MHz



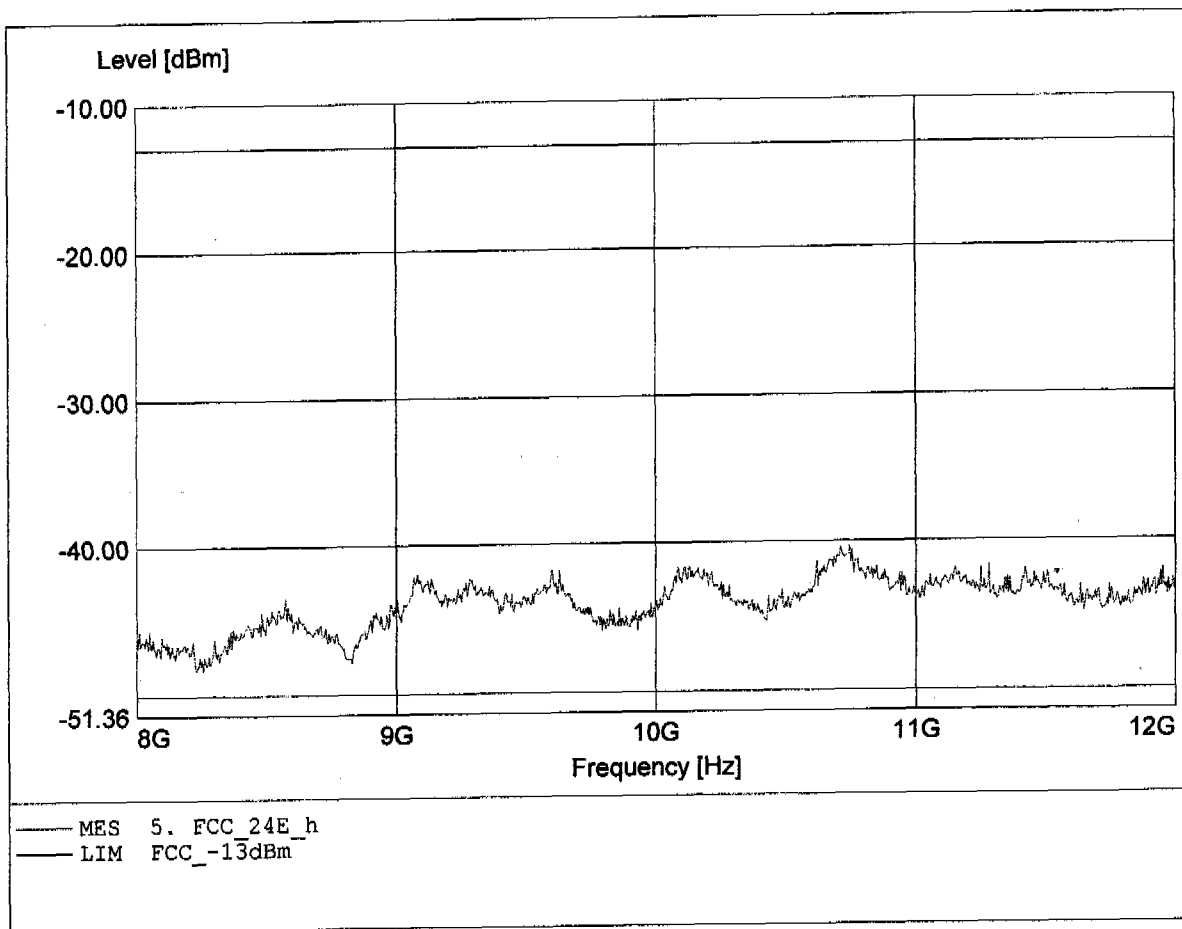
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.782GHz, Pmax: -41.18dBm, RBW: 1MHz



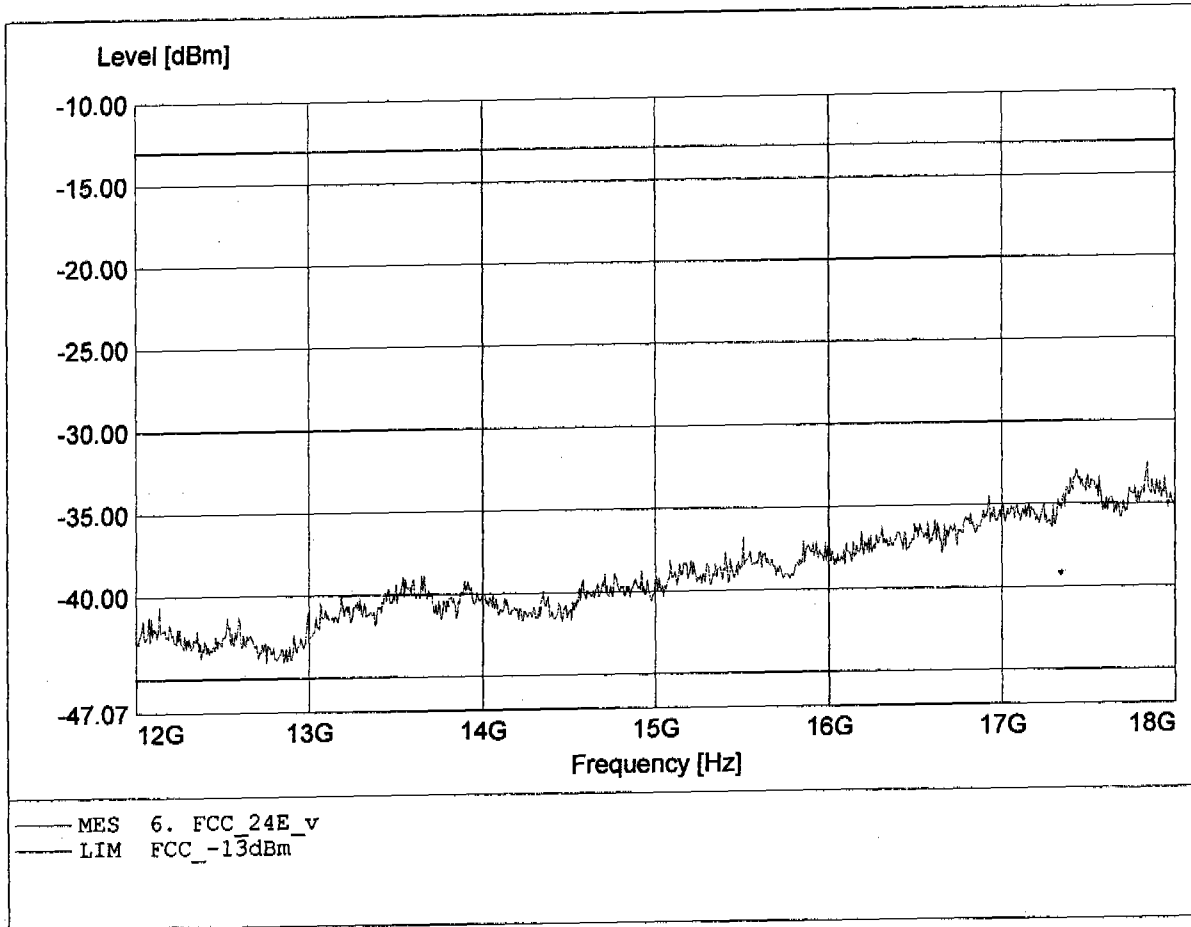
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.747GHz, Pmax: -40.33dBm, RBW: 1MHz



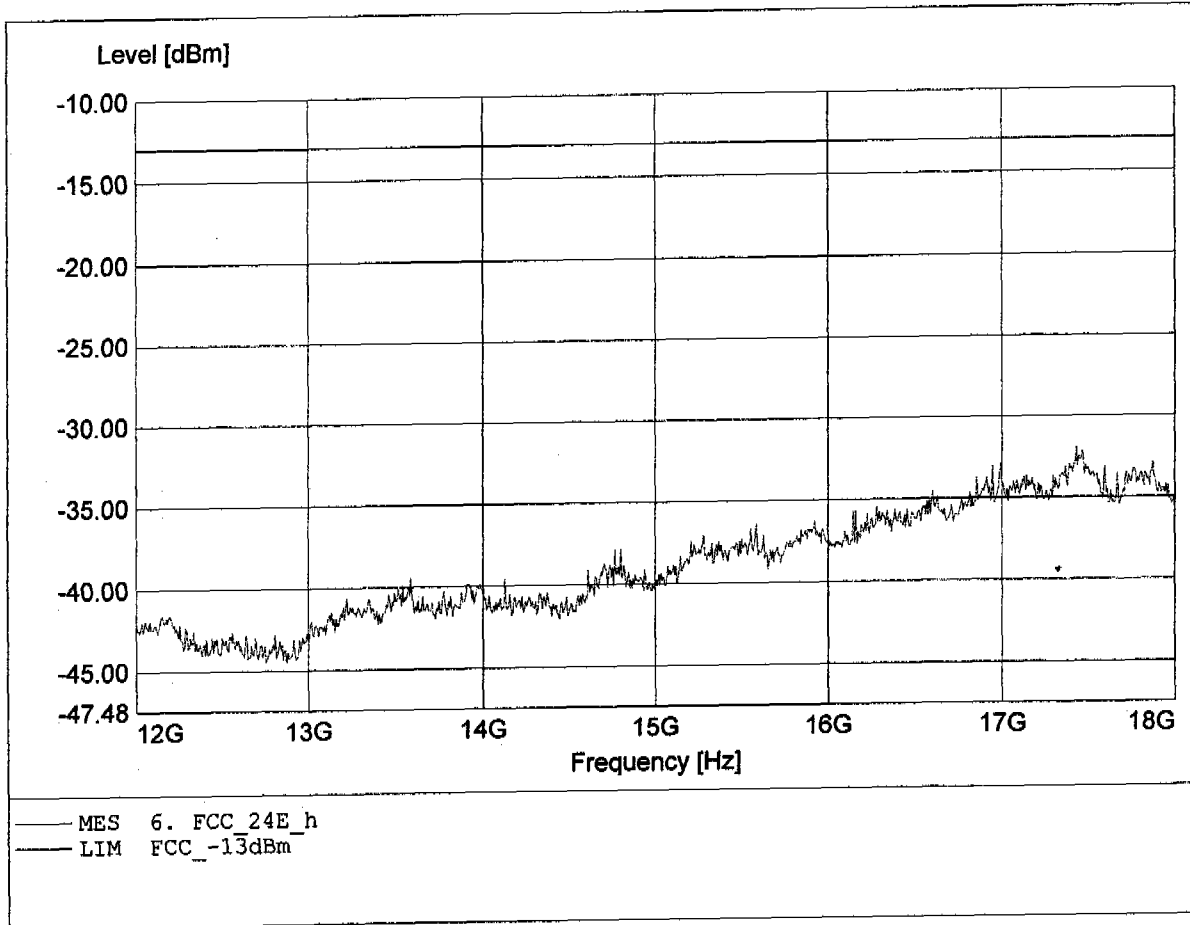
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.840GHz, Pmax: -32.50dBm, RBW: 1MHz



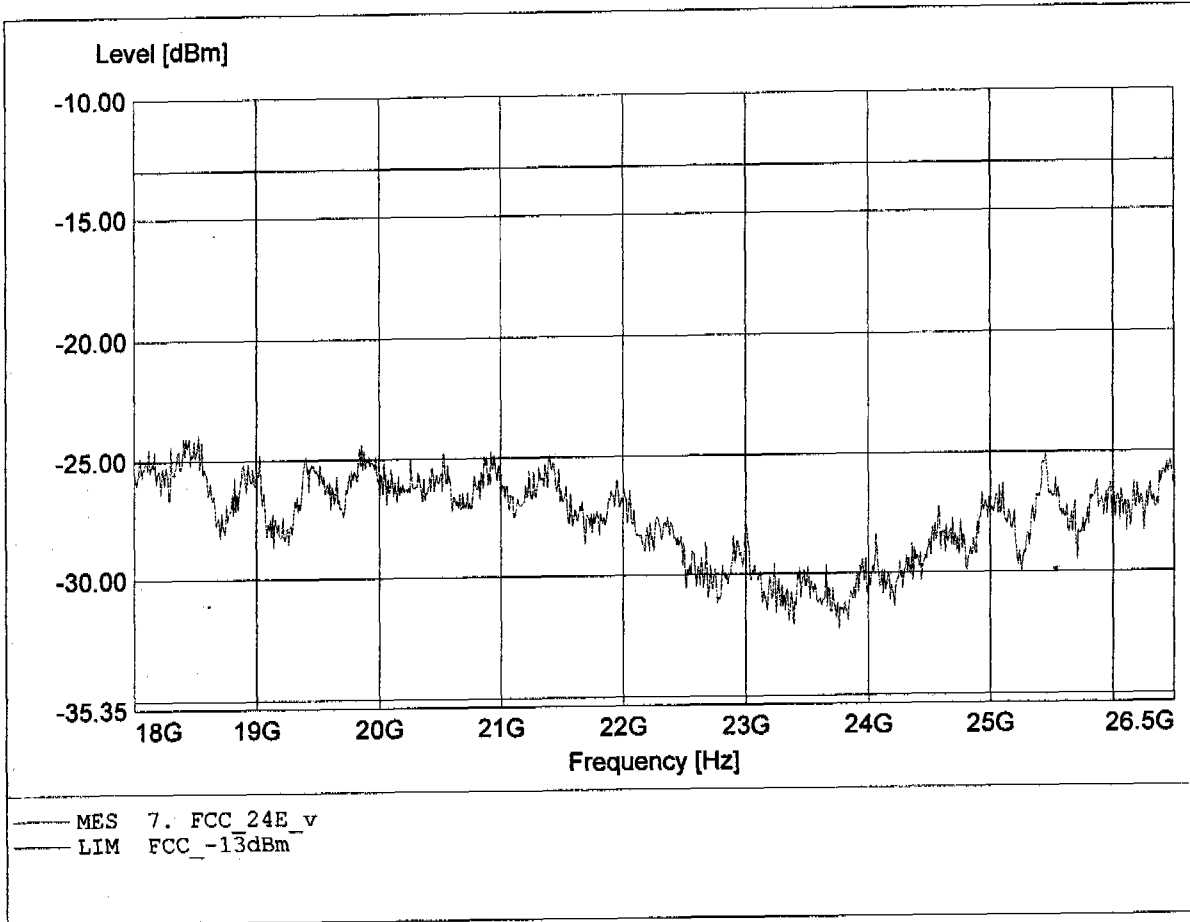
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -31.90dBm, RBW: 1MHz



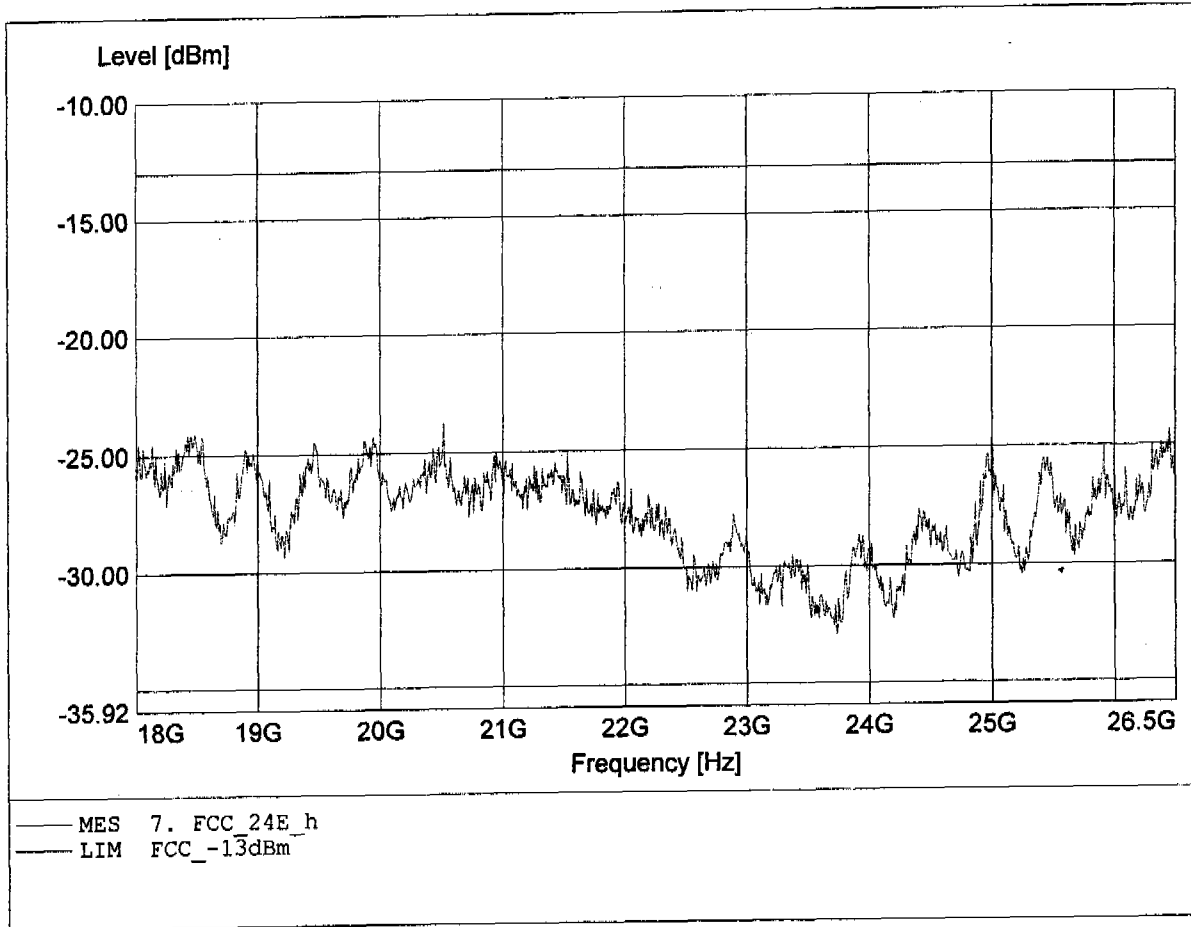
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.529GHz, Pmax: -23.94dBm, RBW: 1MHz



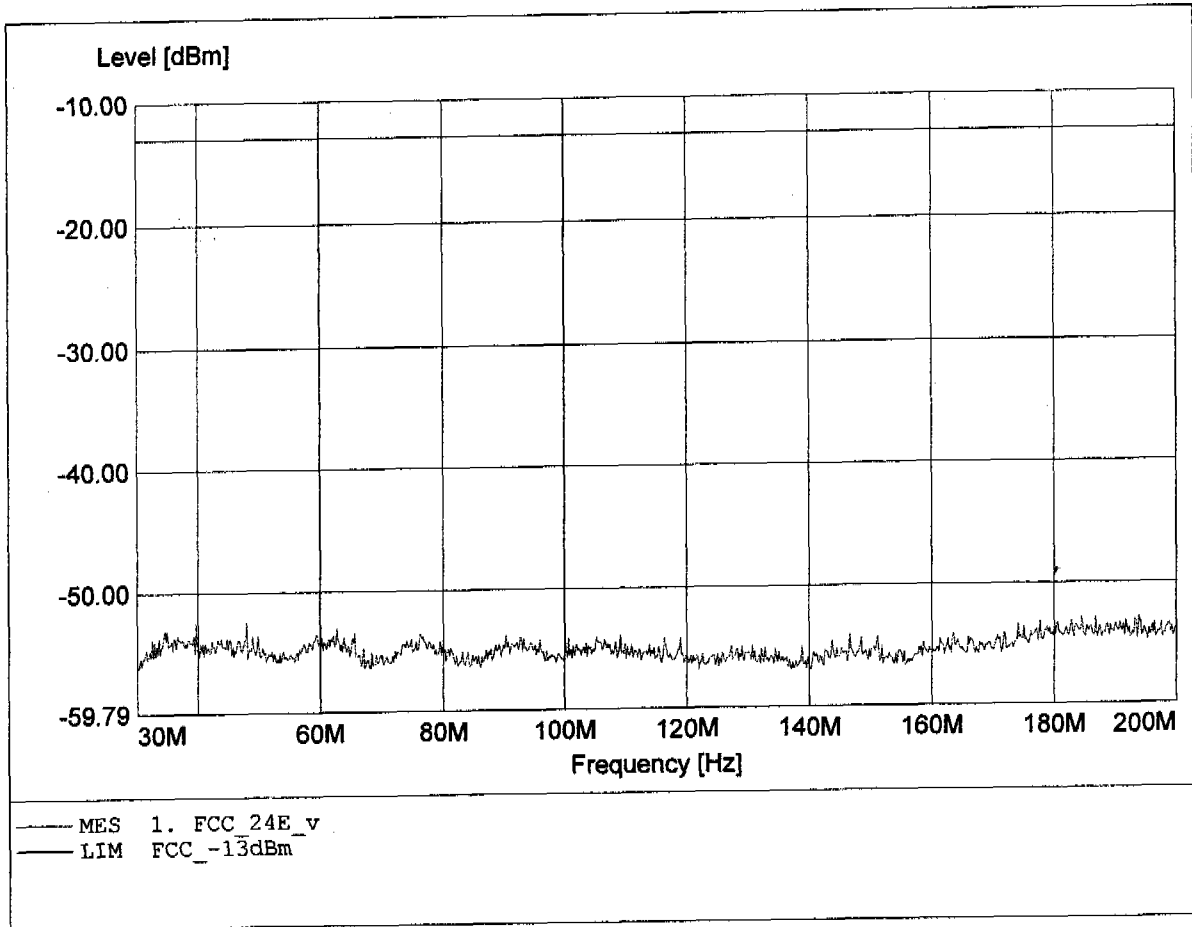
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 661
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 20.512GHz, Pmax: -23.77dBm, RBW: 1MHz



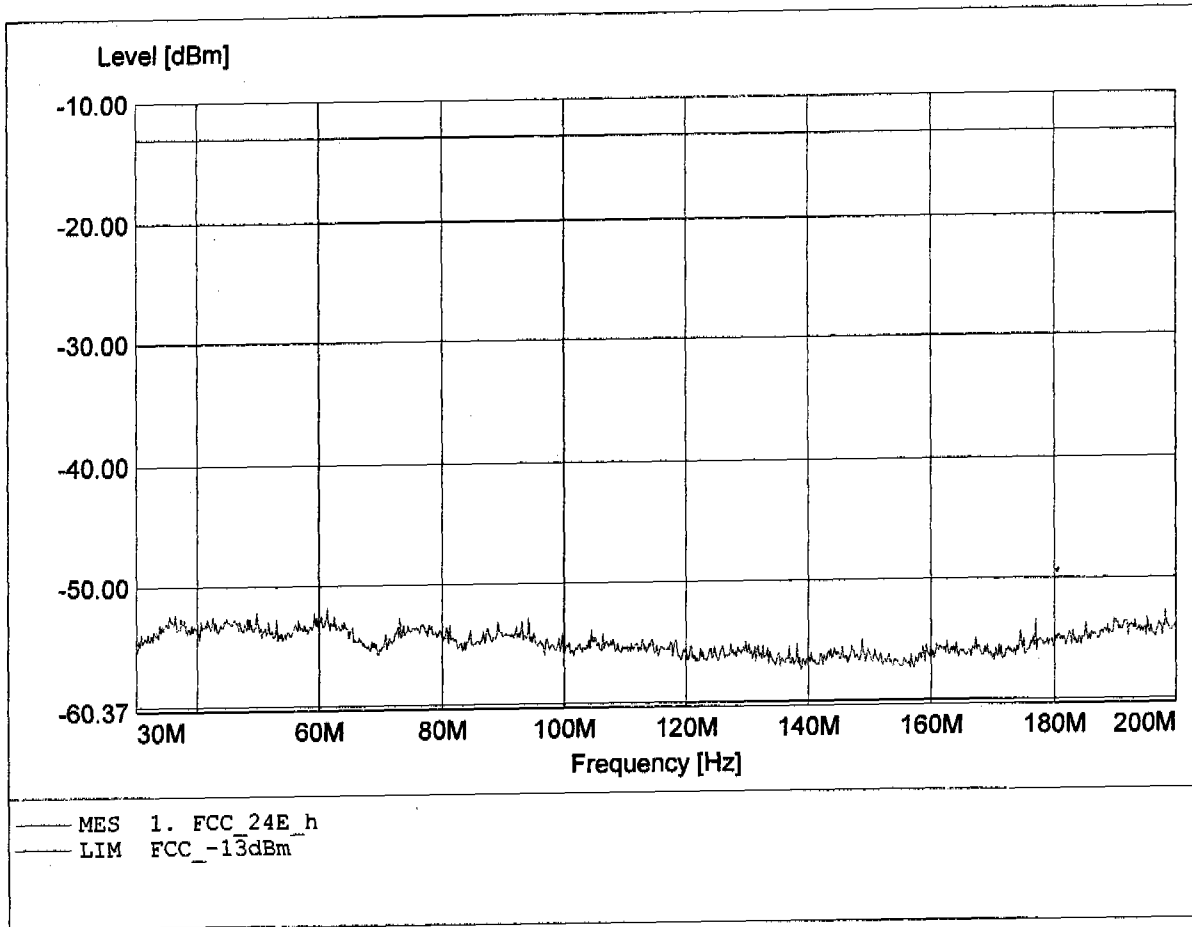
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 47.944MHz, Pmax: -52.42dBm, RBW: 1MHz



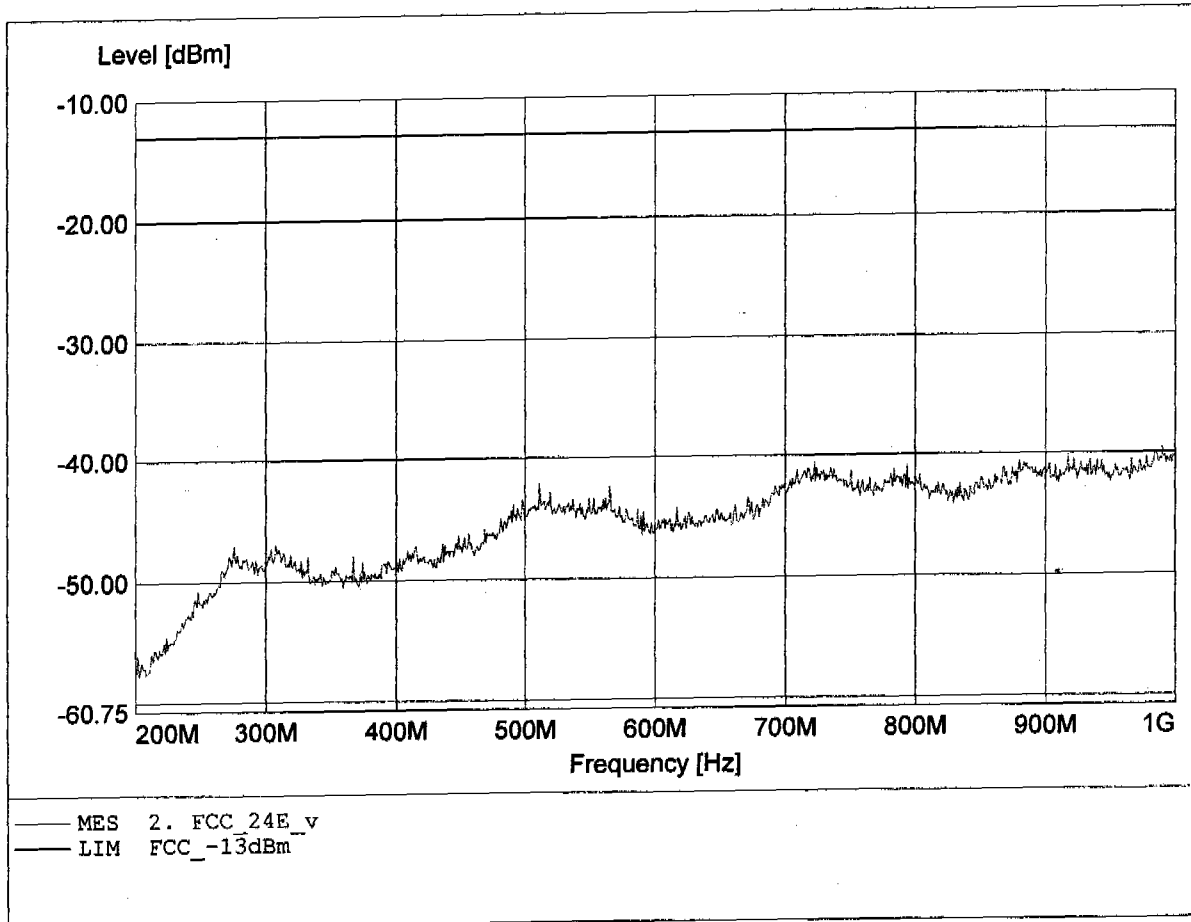
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 61.356MHz, Pmax: -51.83dBm, RBW: 1MHz



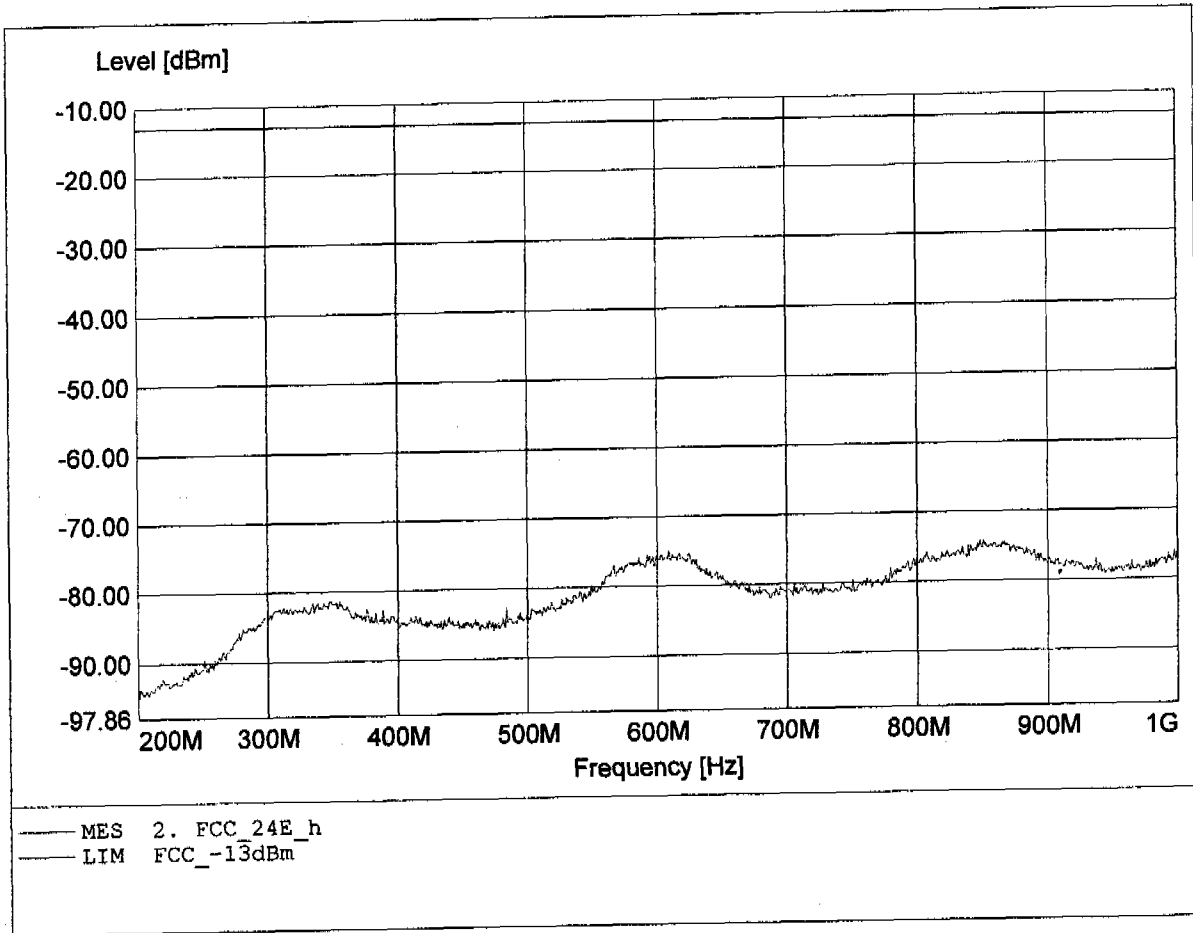
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 990.222MHz, Pmax: -39.59dBm, RBW: 1MHz



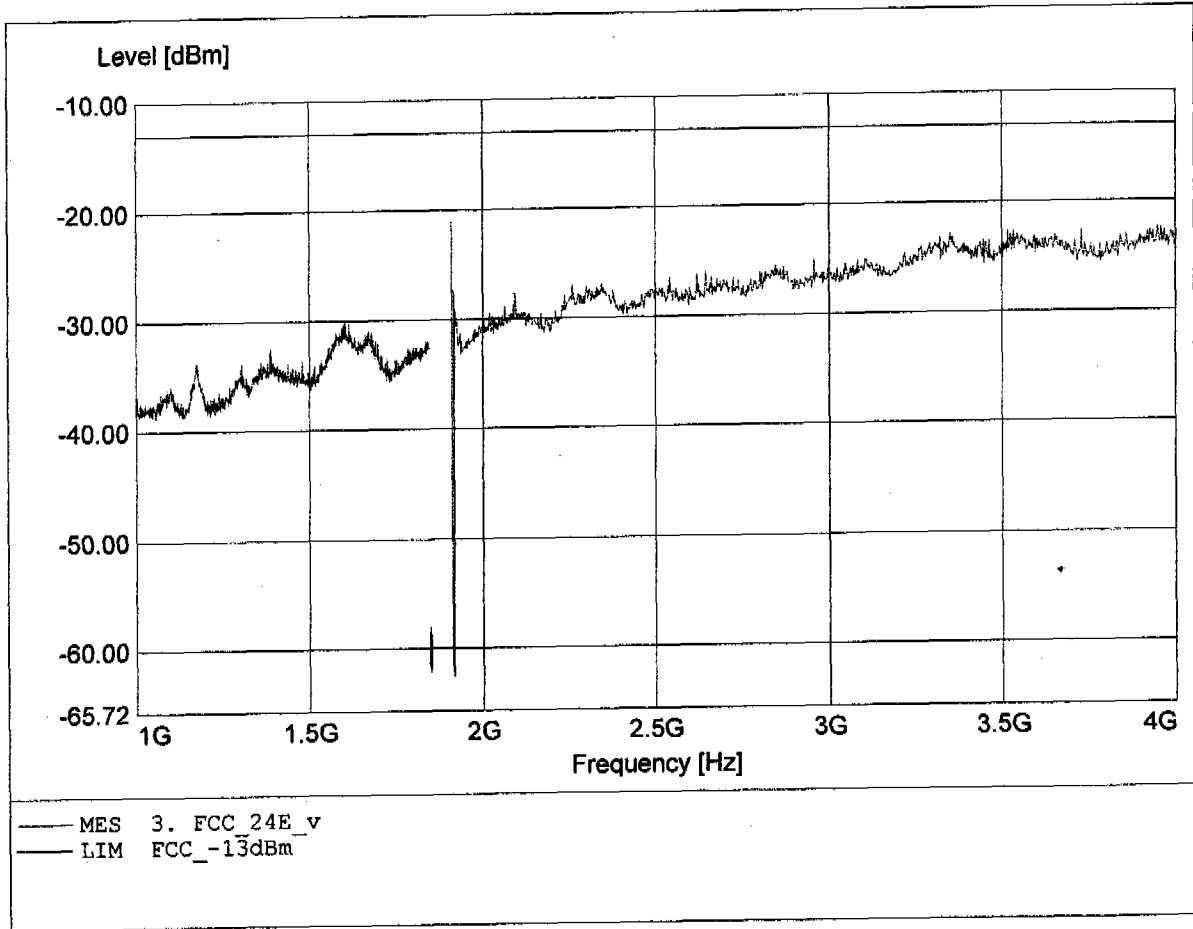
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 850.667MHz, Pmax: -74.22dBm, RBW: 1MHz



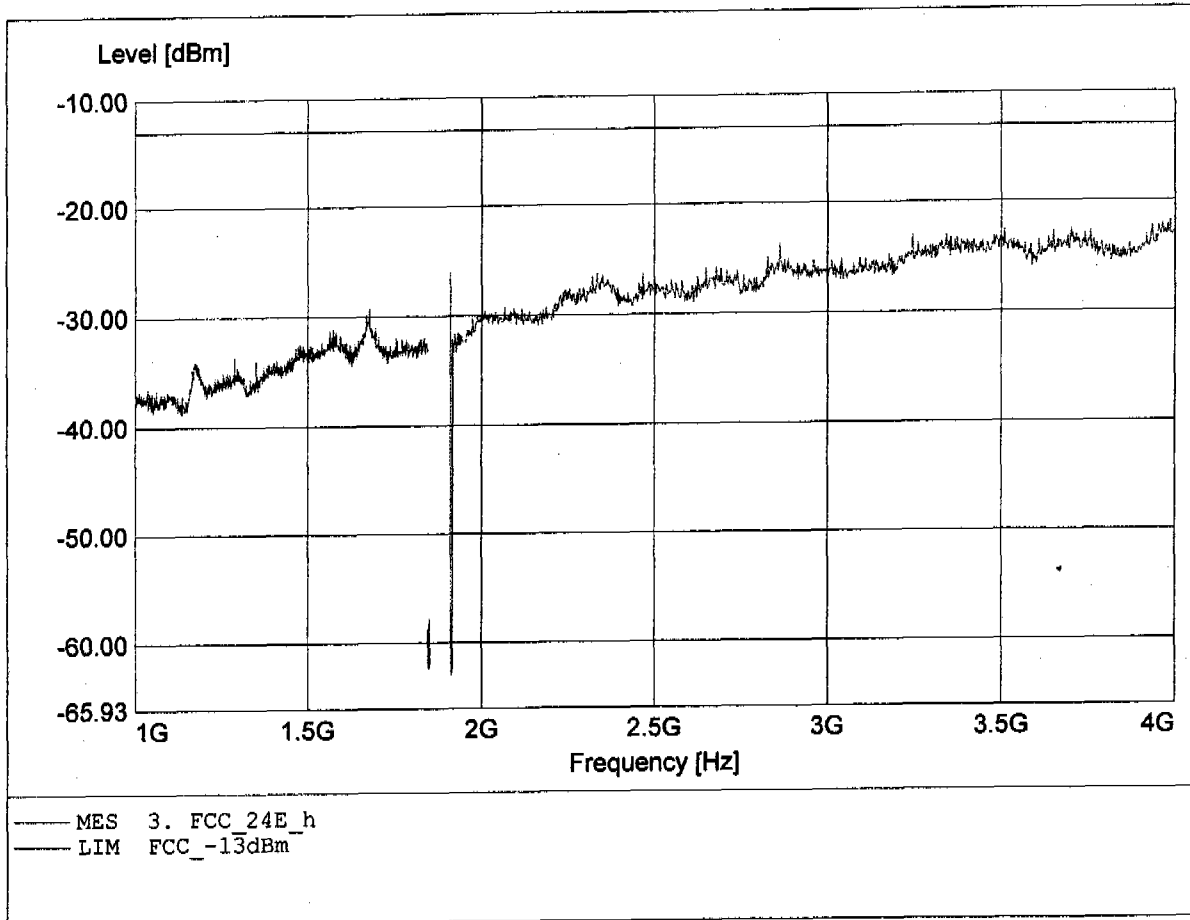
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -21.04dBm, RBW: 1MHz/3kHz



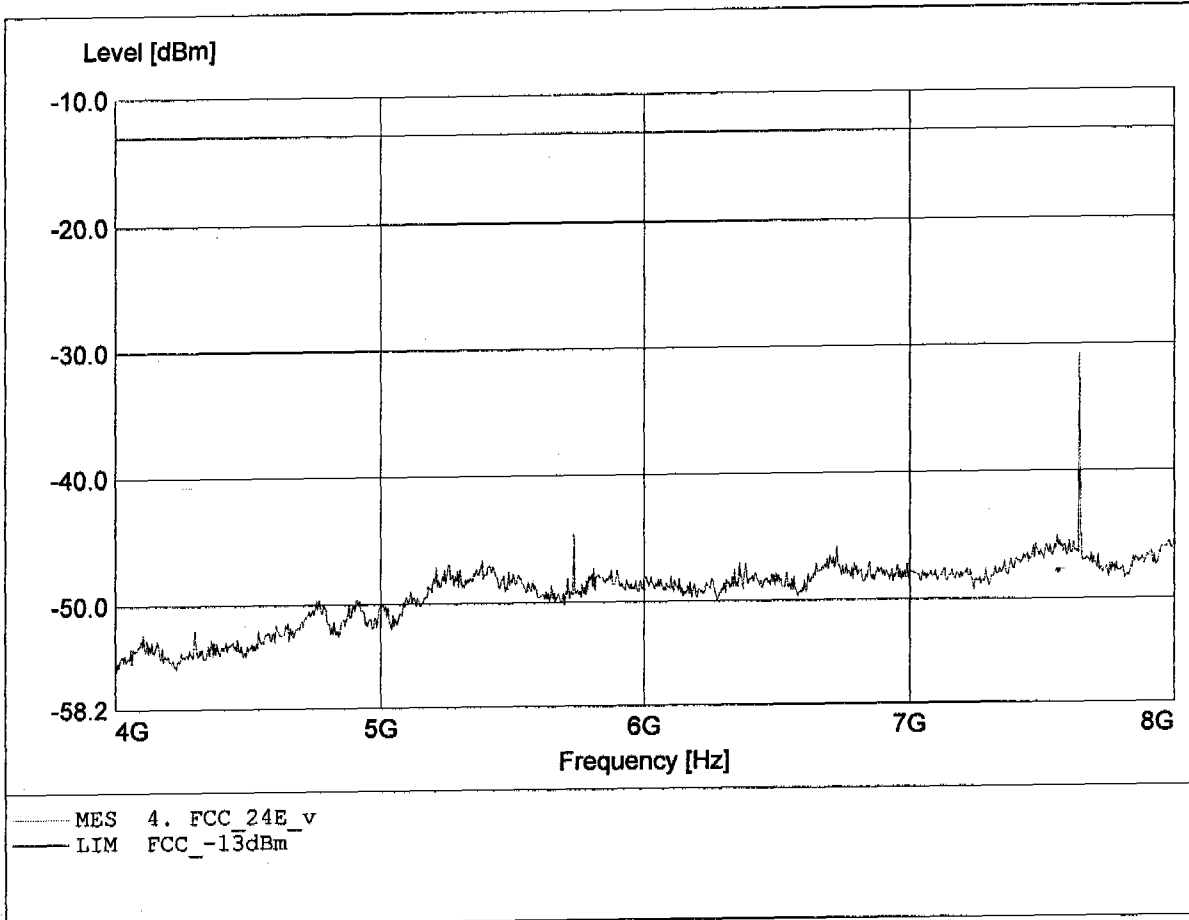
**Radiated Emissions Tx
FCC RULES PART 24 SUBPART E**

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.986GHz, Pmax: -21.82dBm, RBW: 1MHz/3kHz



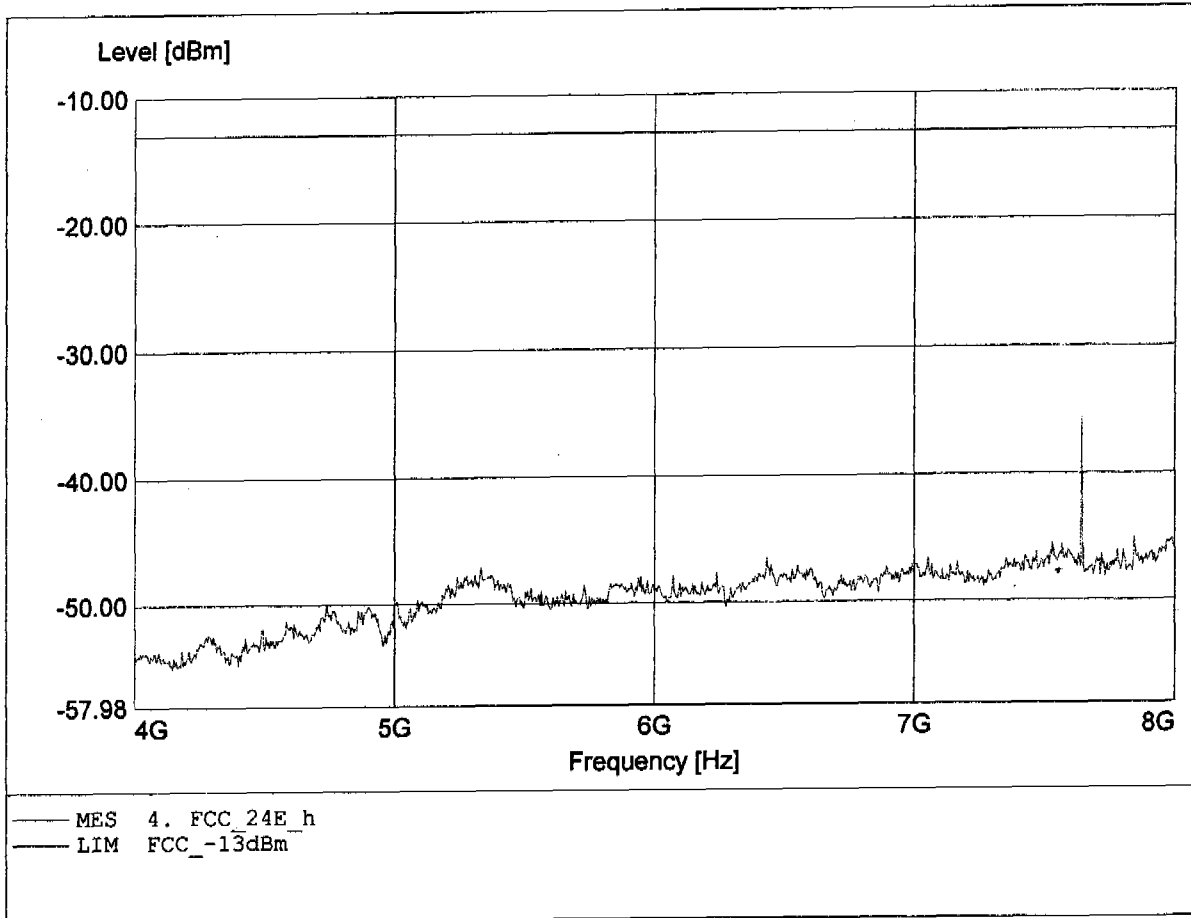
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.640GHz, Pmax: -30.84dBm, RBW: 1MHz



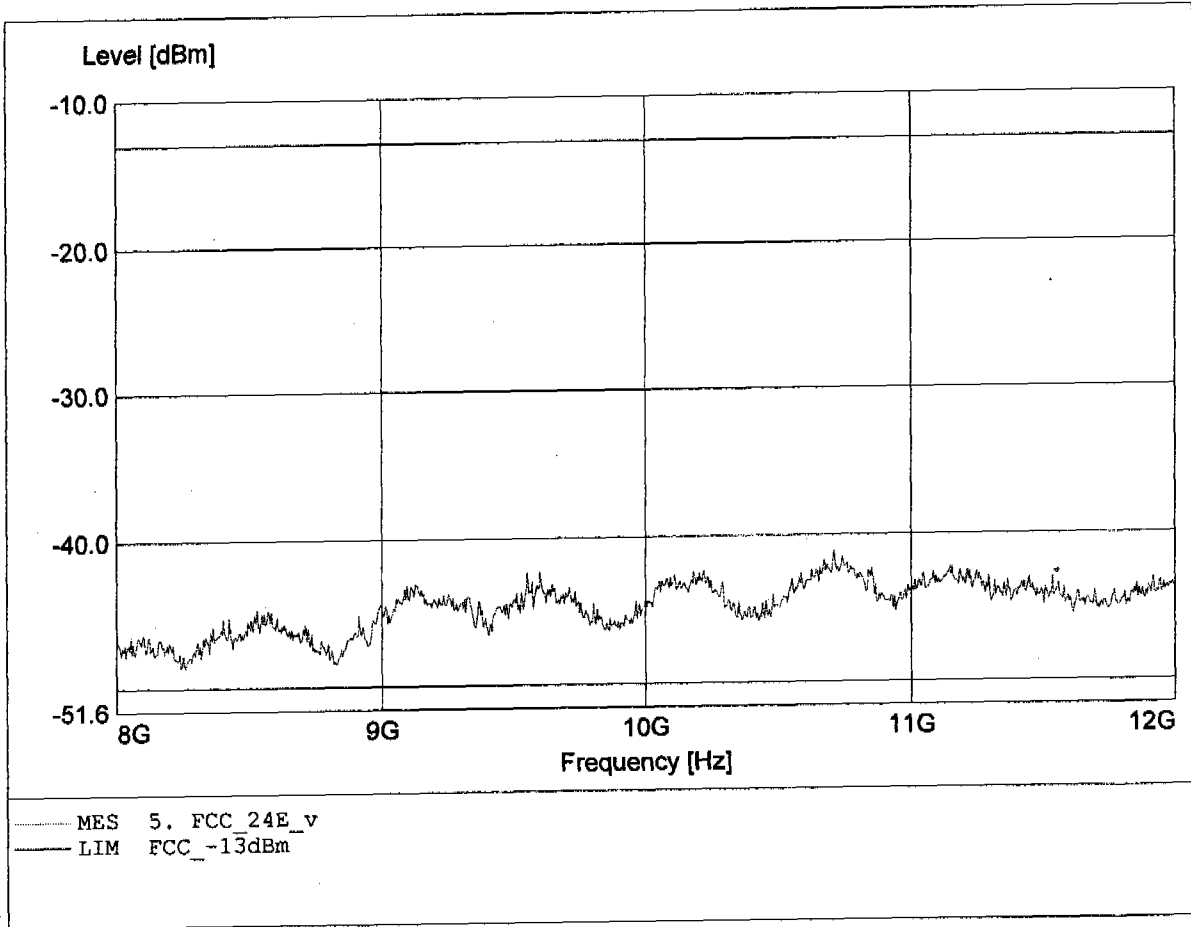
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.640GHz, Pmax: -35.59dBm, RBW: 1MHz



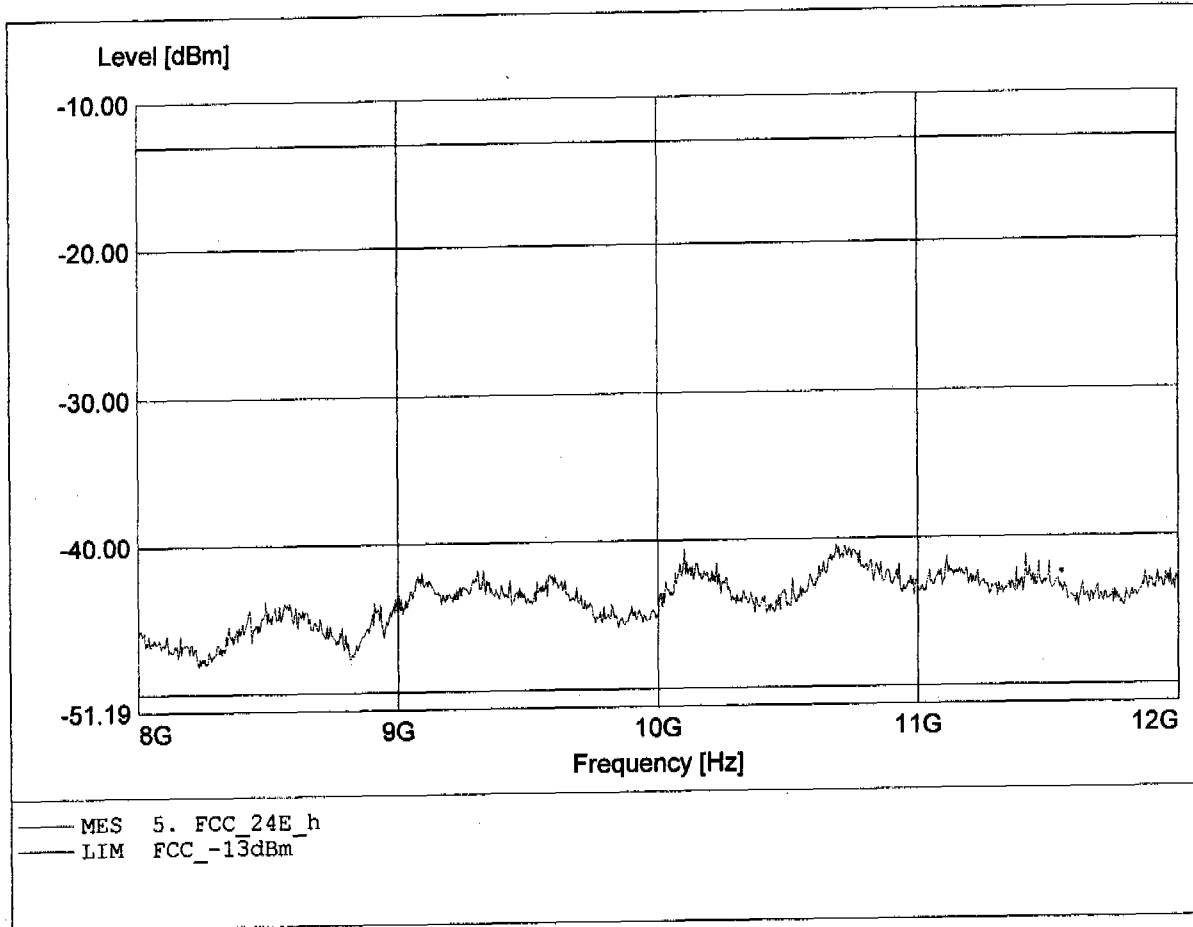
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.711GHz, Pmax: -41.05dBm, RBW: 1MHz



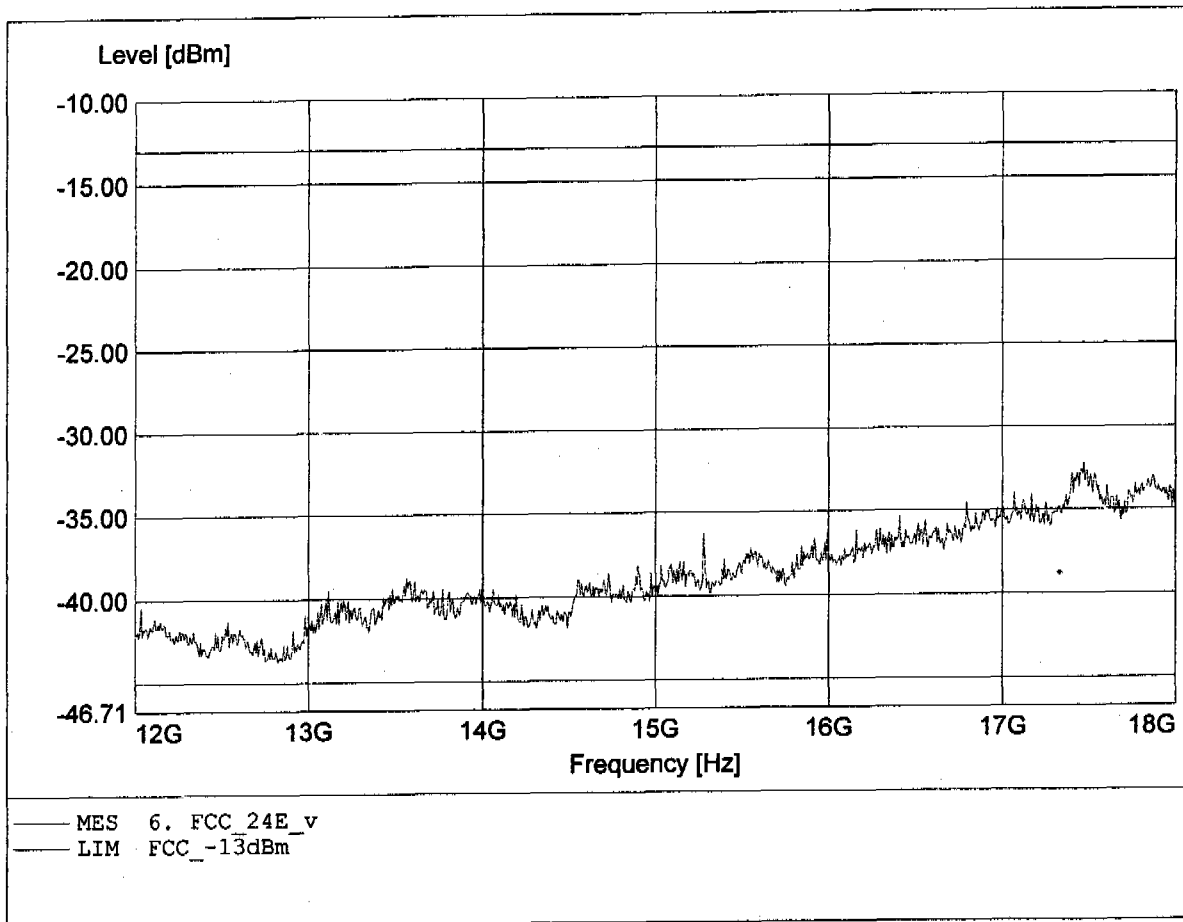
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.689GHz, Pmax: -40.41dBm, RBW: 1MHz



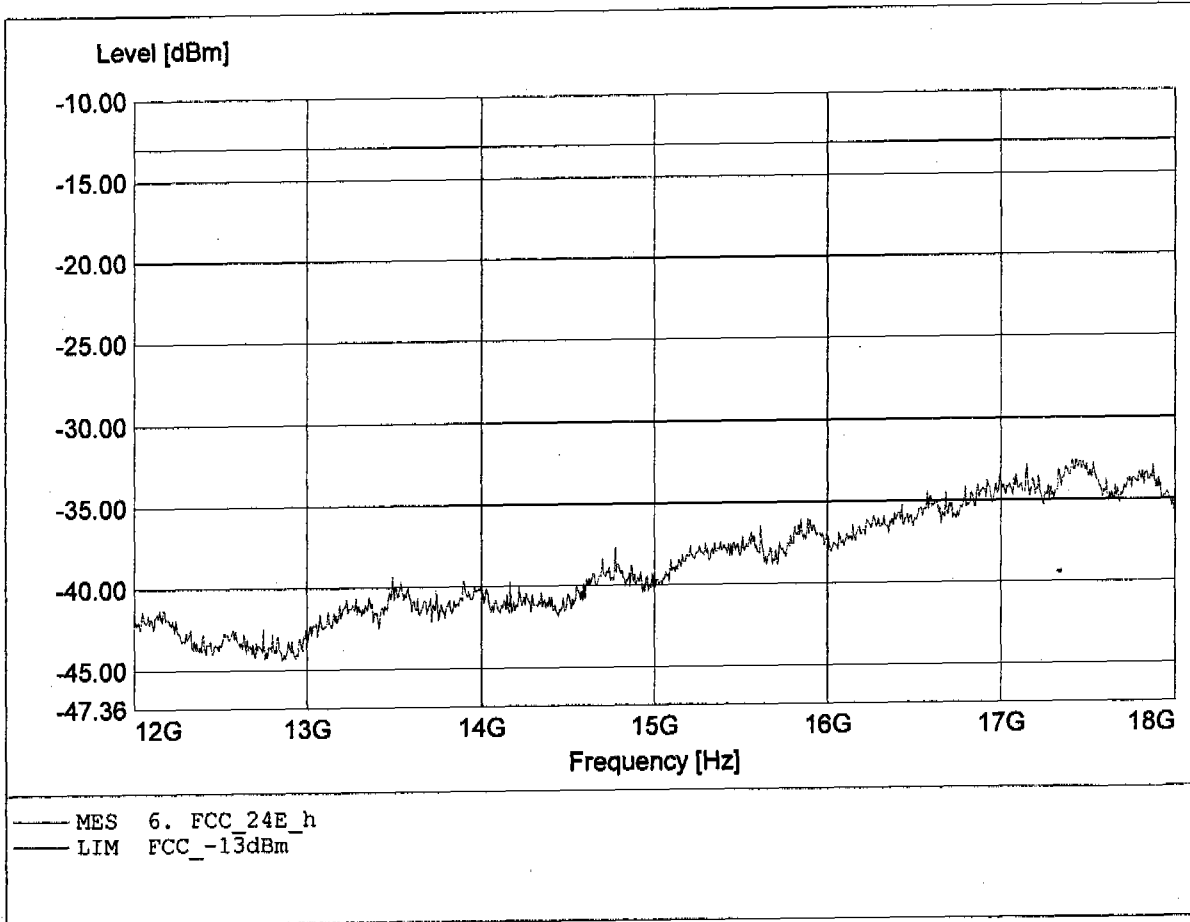
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.467GHz, Pmax: -32.22dBm, RBW: 1MHz



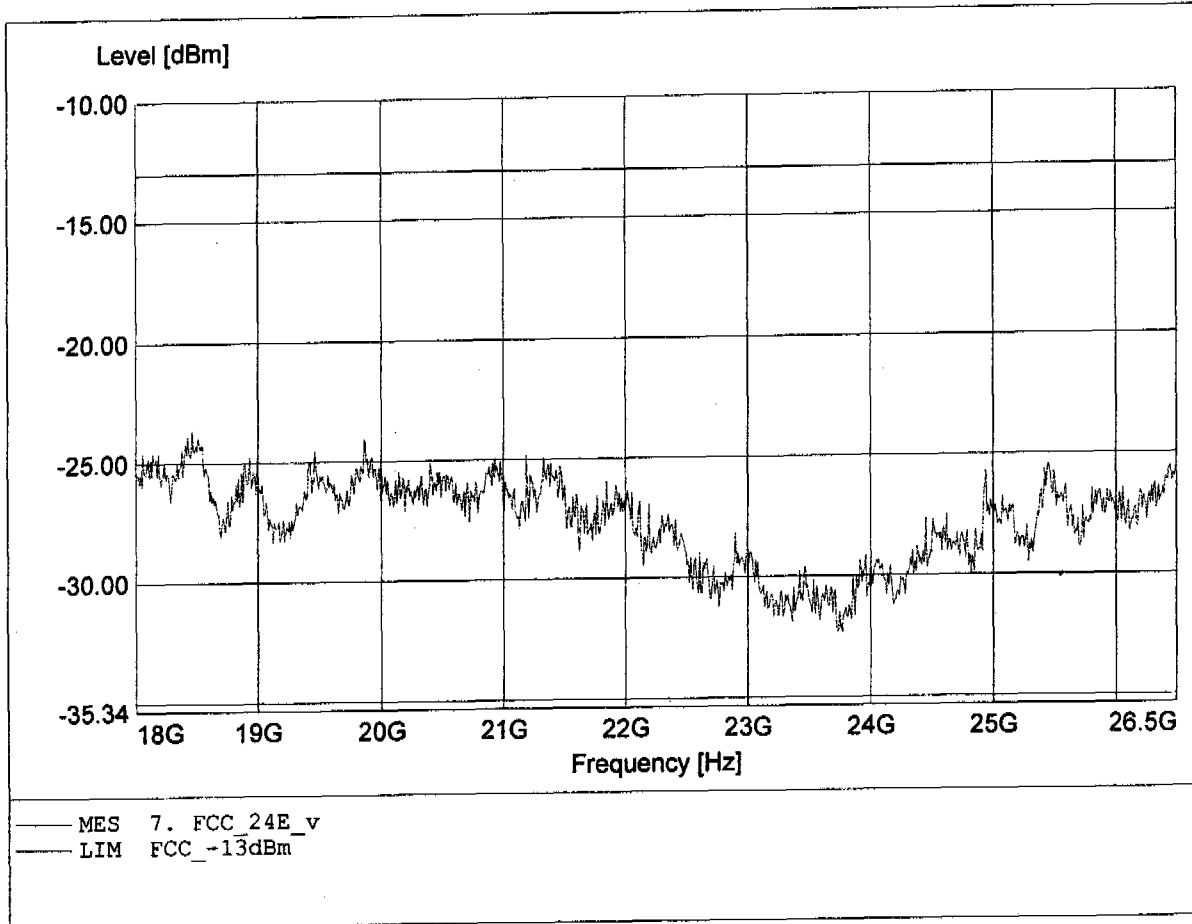
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -32.51dBm, RBW: 1MHz



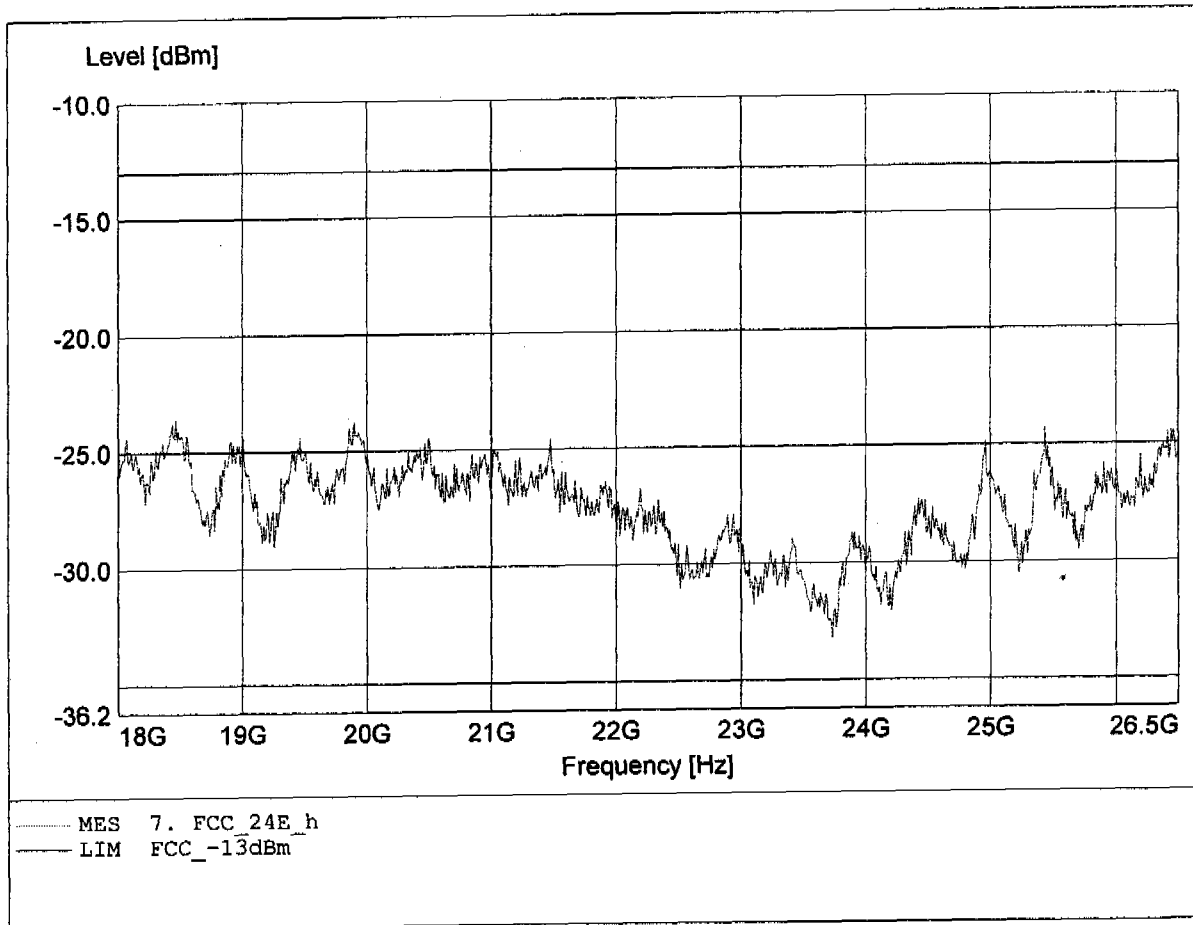
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.463GHz, Pmax: -23.67dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: Dual Band GSM 900(E-GSM)/PCS 1900 (with WAP & GPRS)
Model / Channel: G310 // 810
Approval Holder: Pantech co., Ltd.
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 4,2 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.463GHz, Pmax: -23.57dBm, RBW: 1MHz



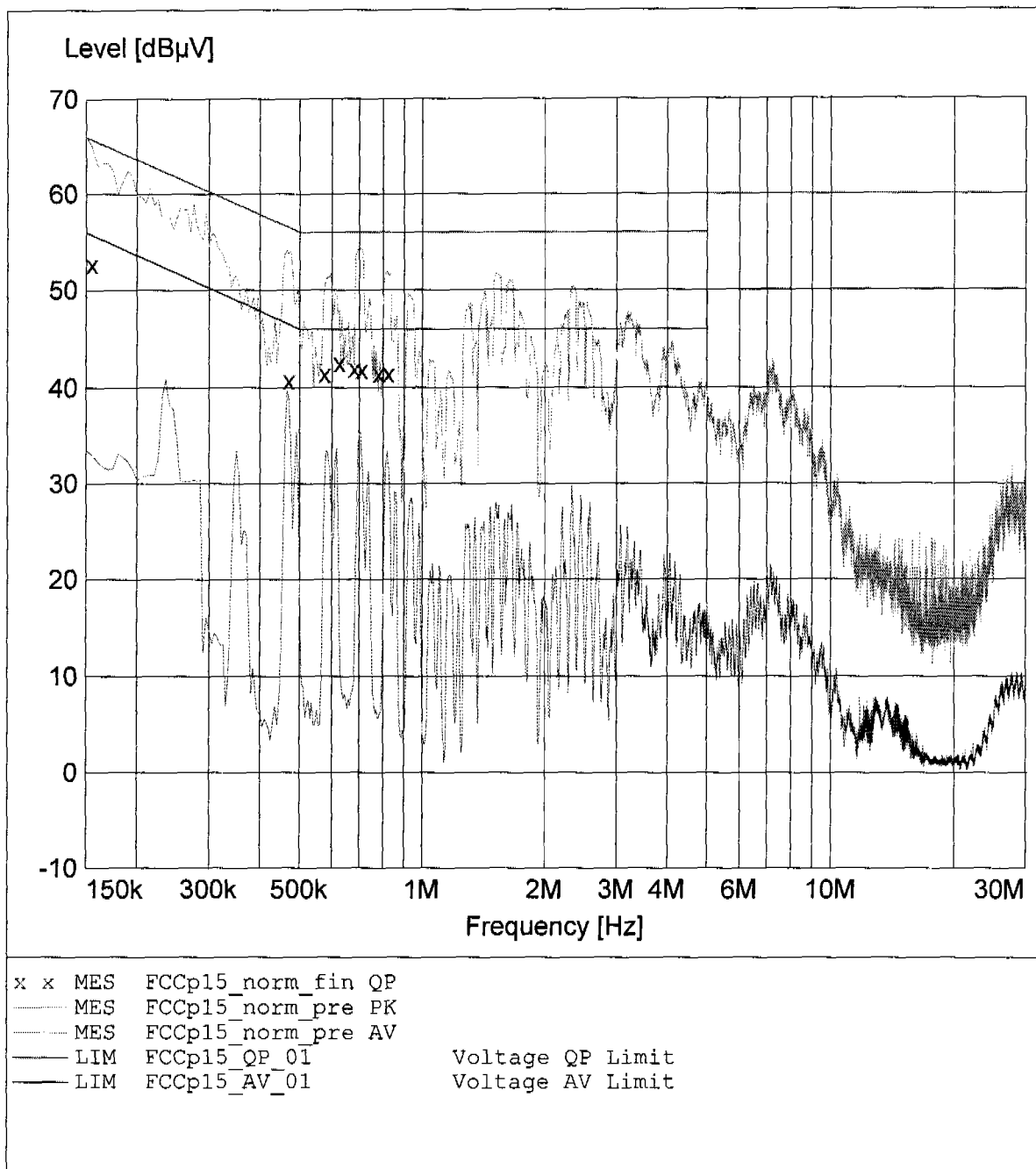


Appendix F

Line Conducted Emissions

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

EUT: Dual Band GSM 900 (E-GSM)/PCS 1900 (with WAP & GPRS)
 Manufacturer: Pantech Co., Ltd.
 Operating Condition: Unom: 120VAC, Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Pflug
 Test Specification: V-Network: ESH2-Z5
 Comment: model: G310 mode: charging





Appendix G

Frequency Stability vs. Temperature

No diagrams
Refer to point 9.2



Appendix H

Frequency Stability vs. Voltage

No diagrams
Refer to point 10.2