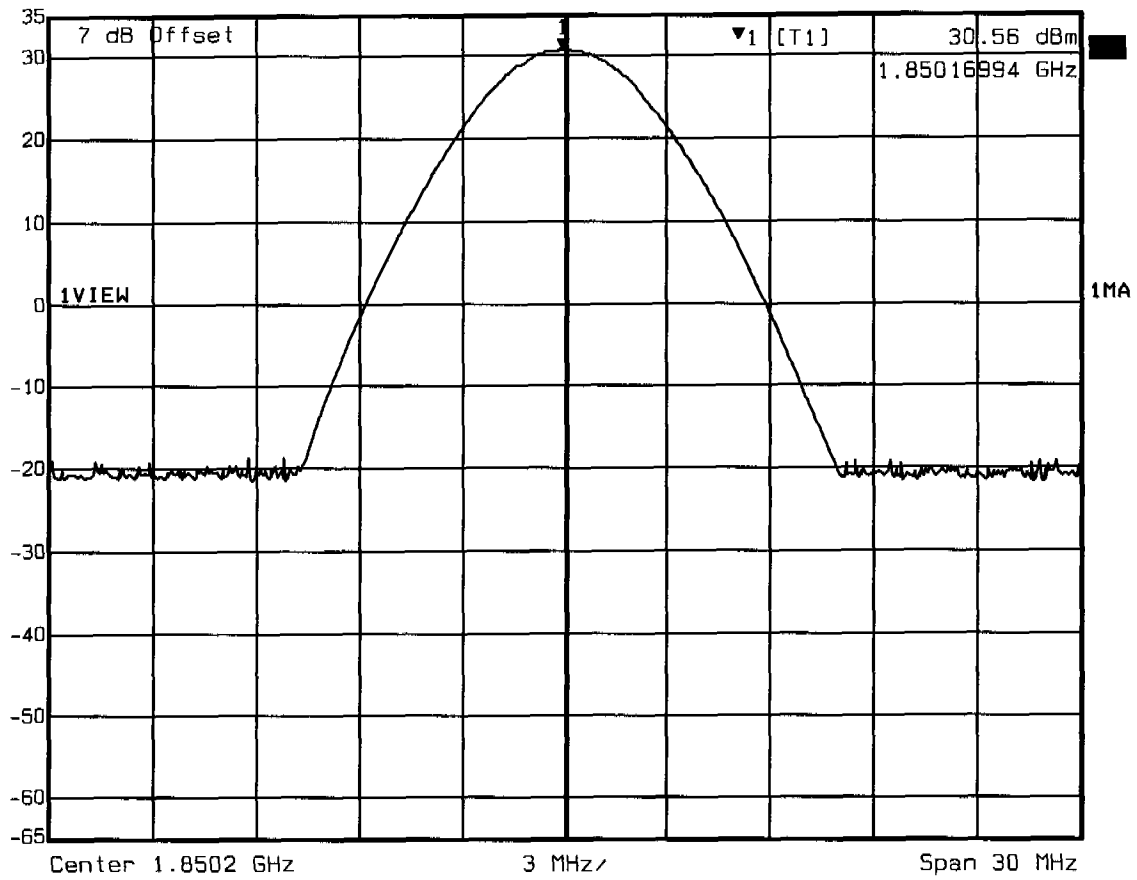


Appendix B

RF Power Output



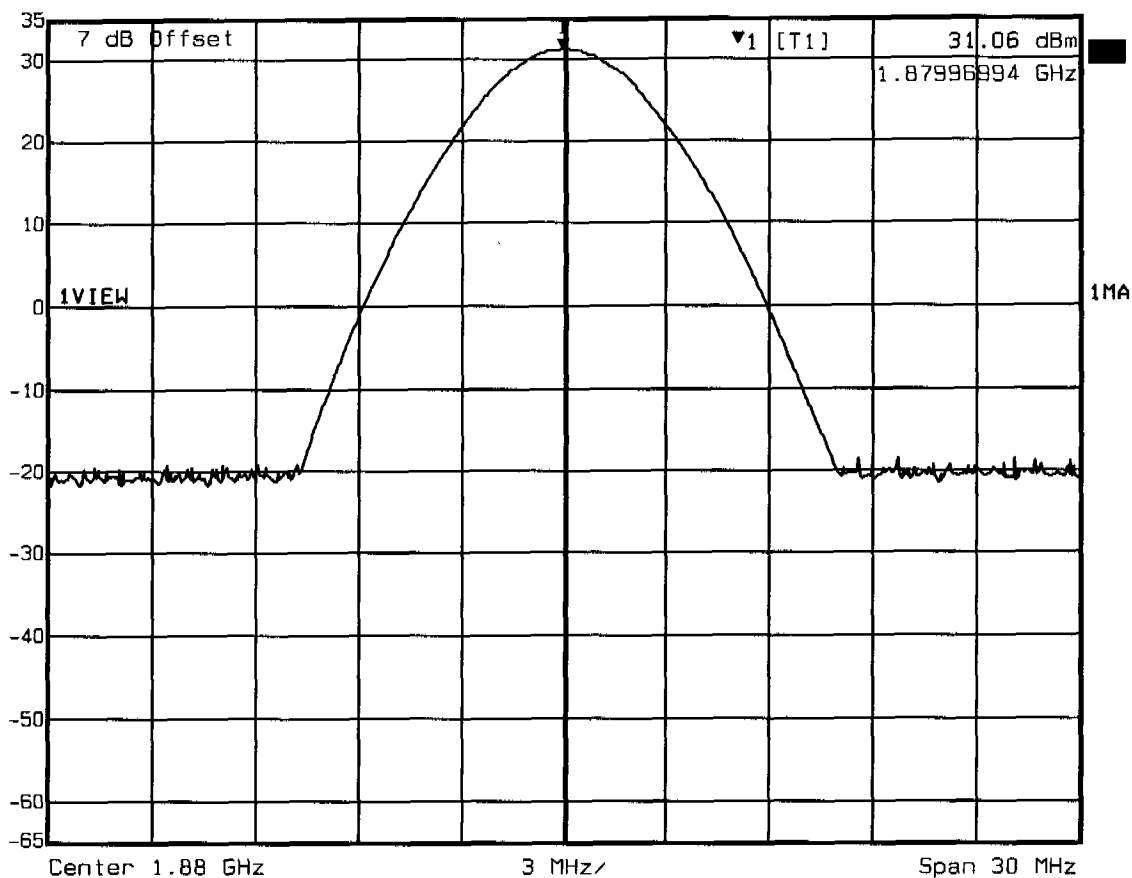
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 30.56 dBm VBW 3 MHz
35 dBm 1.85016994 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Ch. 512
Date: 27.MAR.2004 14:23:37
Comment: RT3000



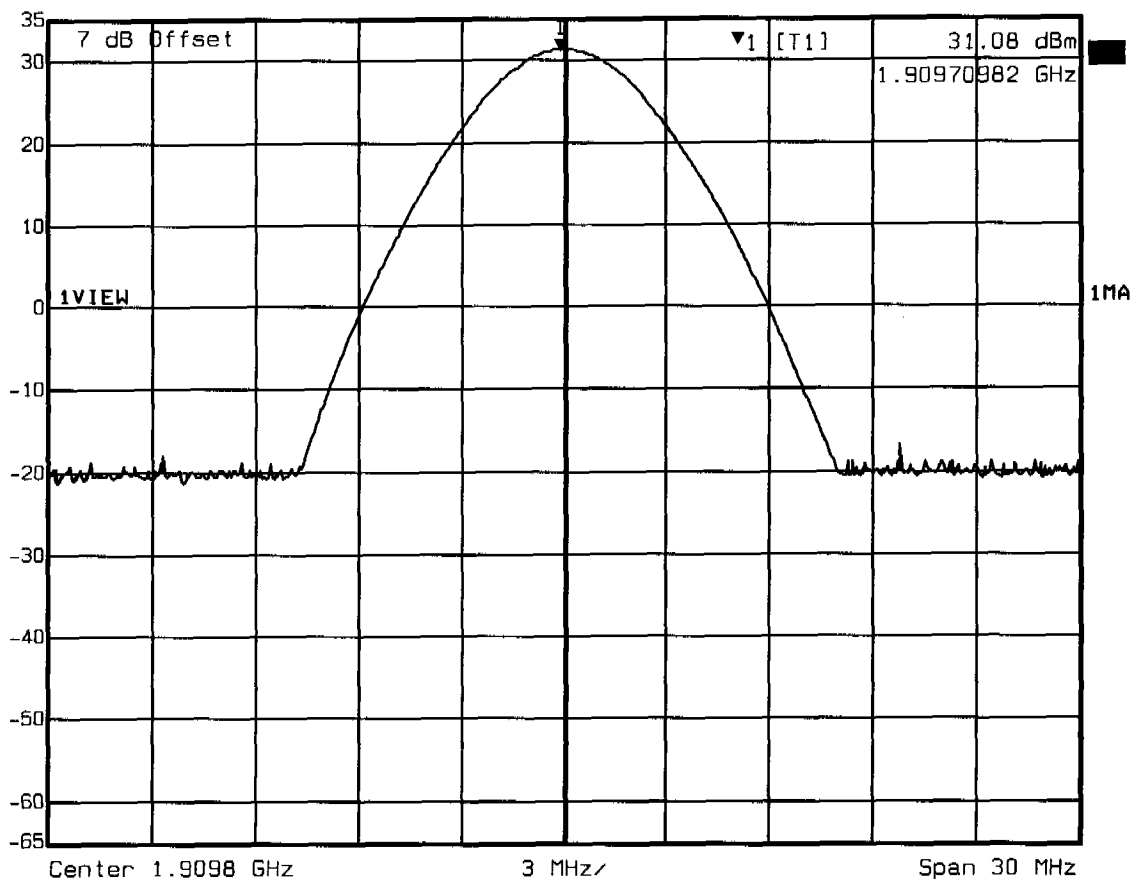
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 31.06 dBm VBW 3 MHz
35 dBm 1.87996994 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Ch. 661
Date: 27.MAR.2004 14:24:06
Comment: RT3000



Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 31.08 dBm VBW 3 MHz
35 dBm 1.90970982 GHz SWT 5 ms Unit dBm



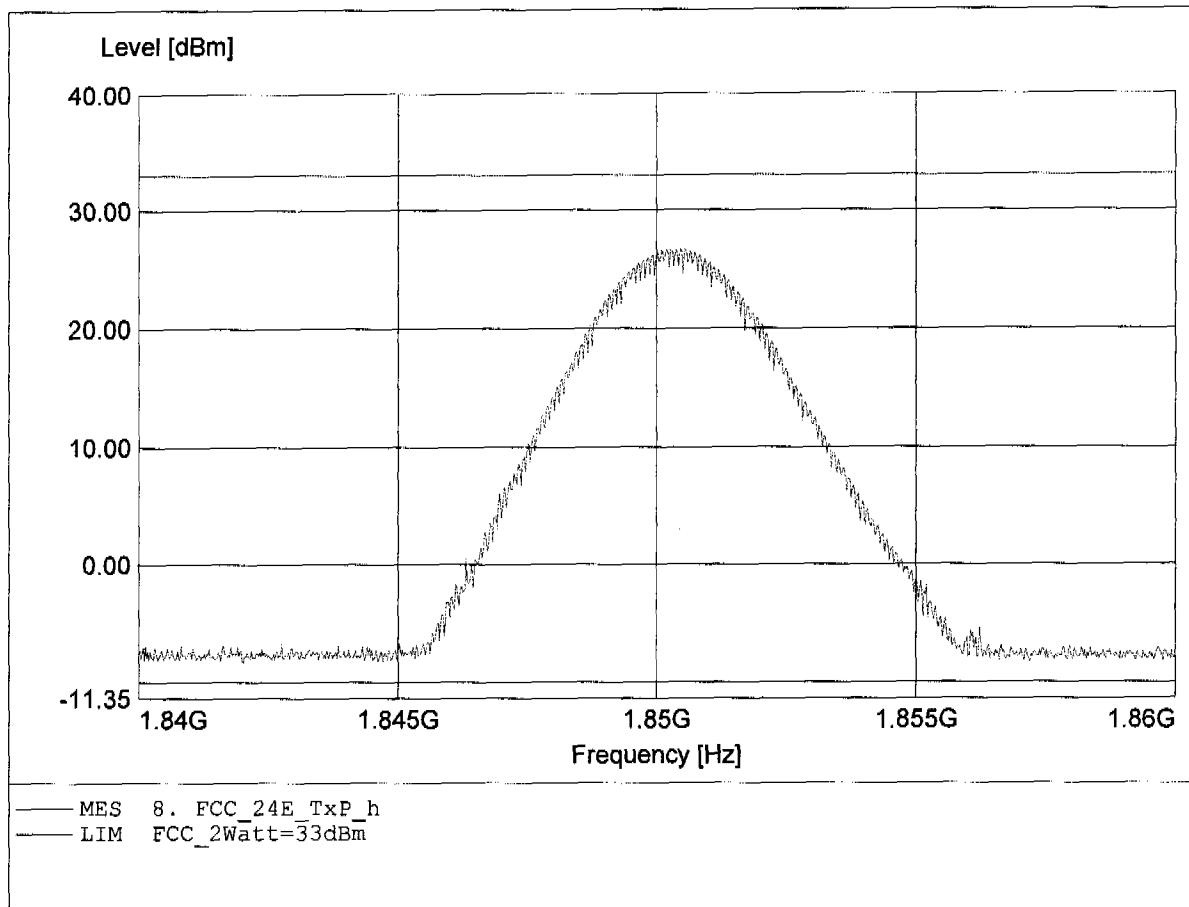
Title: Output Power Conducted Ch. B10
Date: 27.MAR.2004 14:23:08
Comment: RT3000

Appendix C

Radiated Power

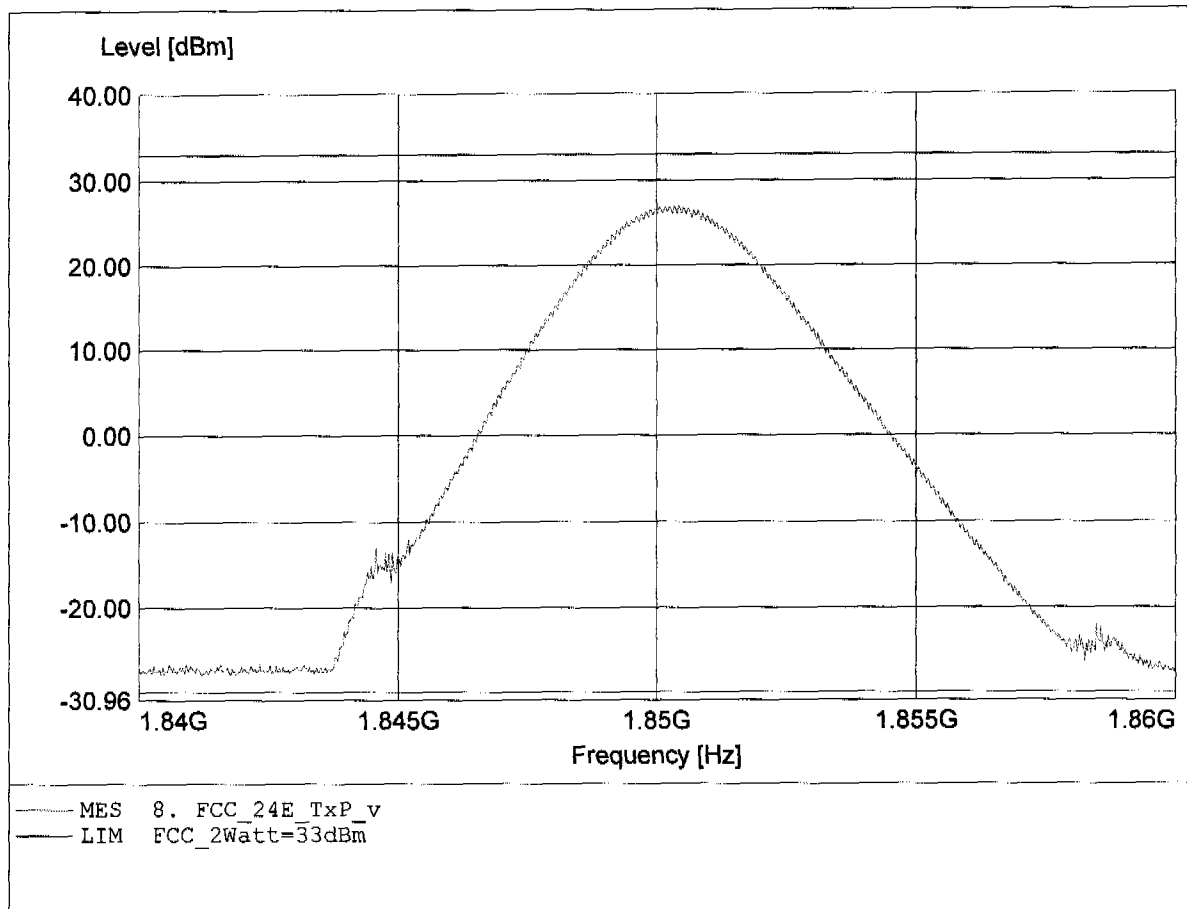
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 26.62dBm, RBW: 3MHz



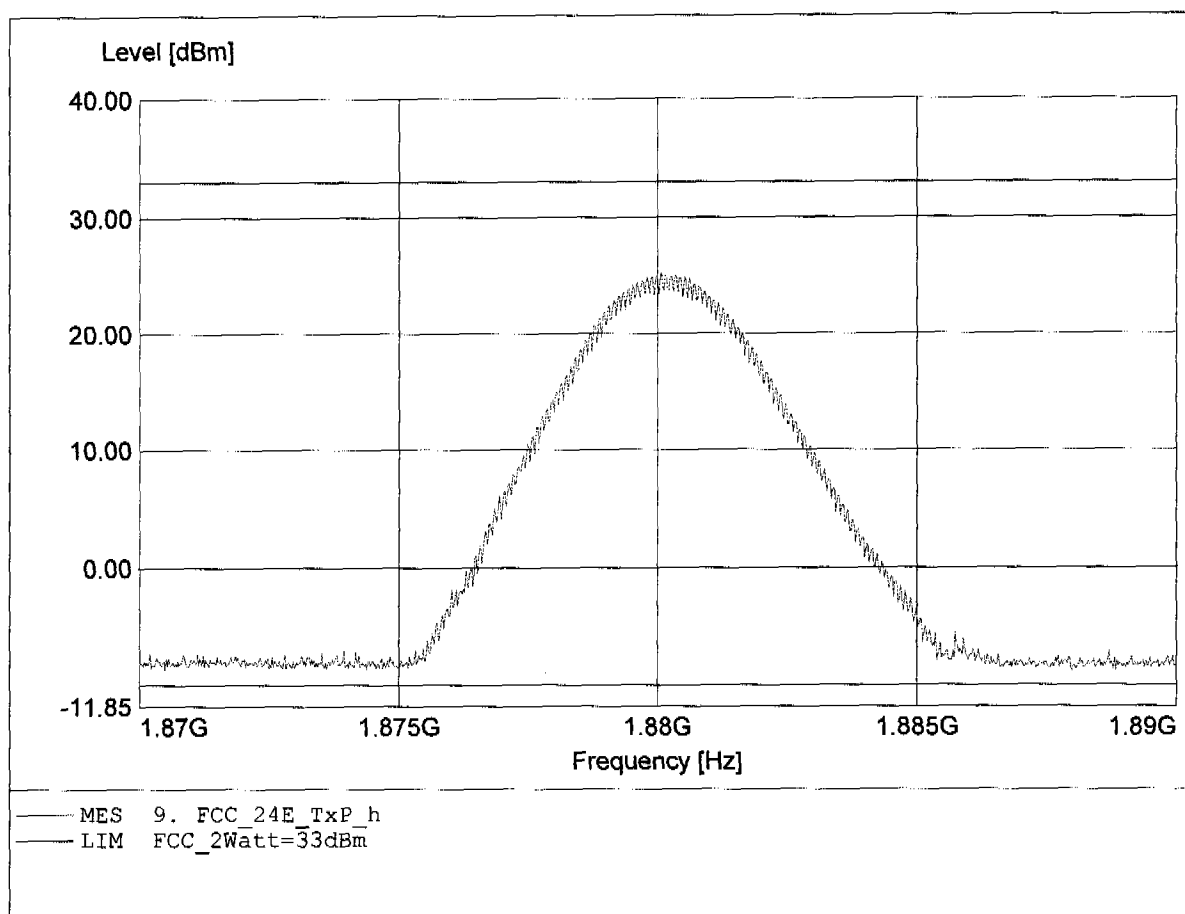
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 27.01dBm, RBW: 3MHz



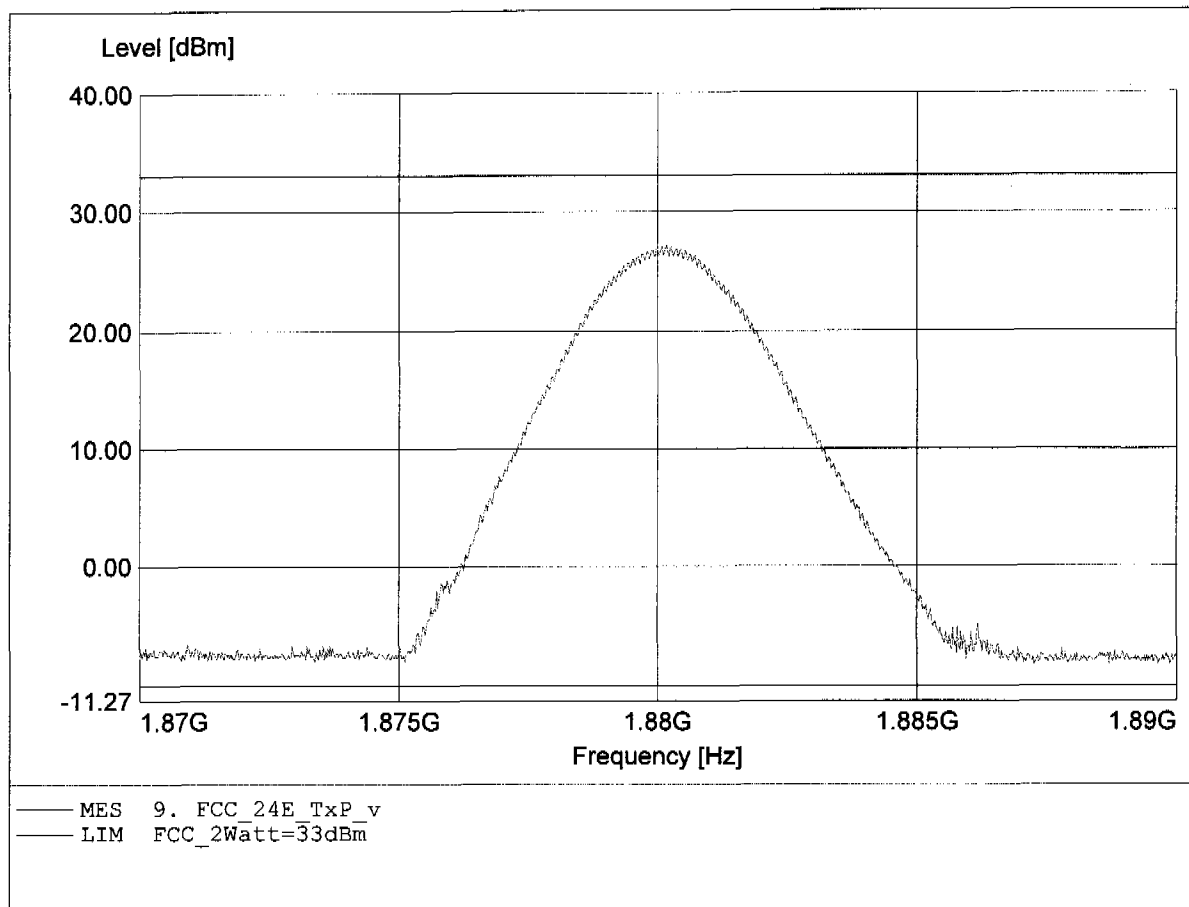
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 25.19dBm, RBW: 3MHz



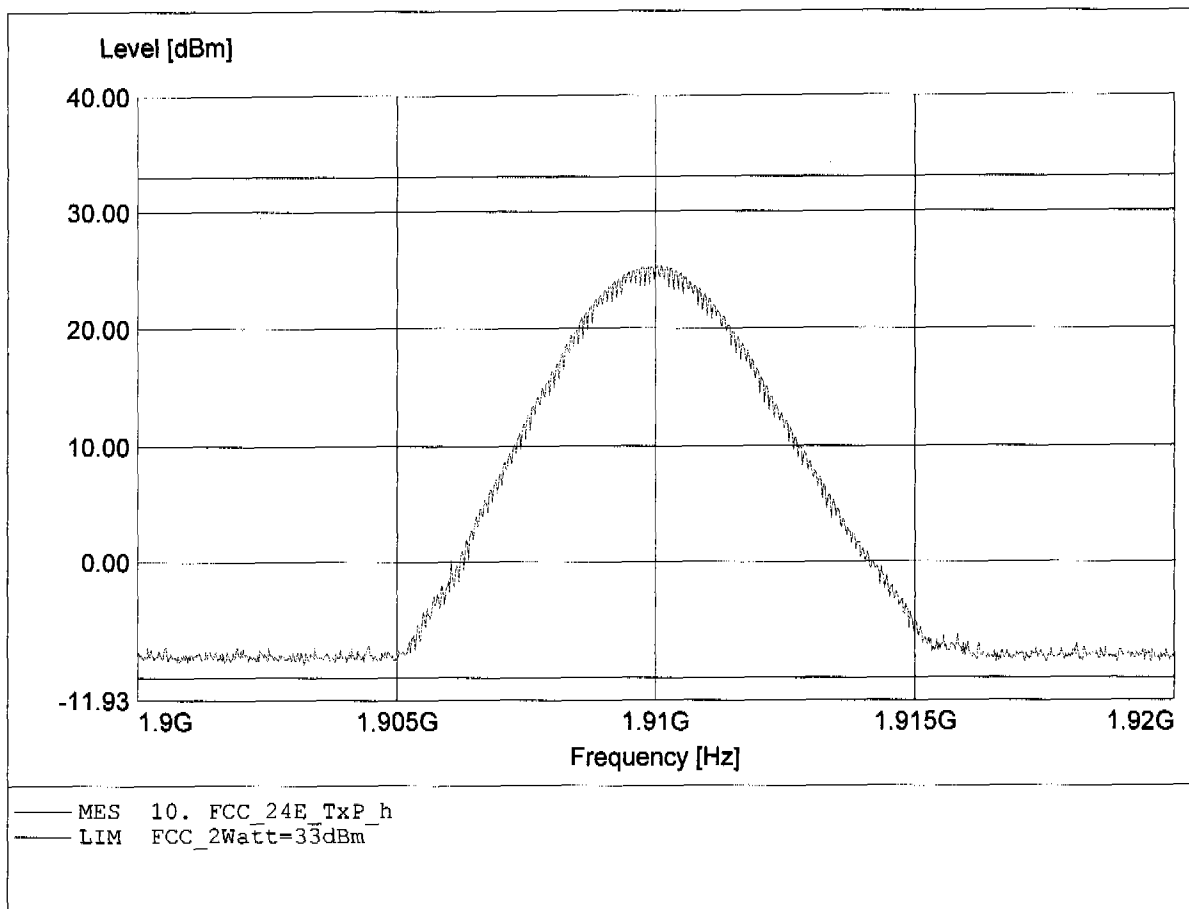
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 27.19dBm, RBW: 3MHz



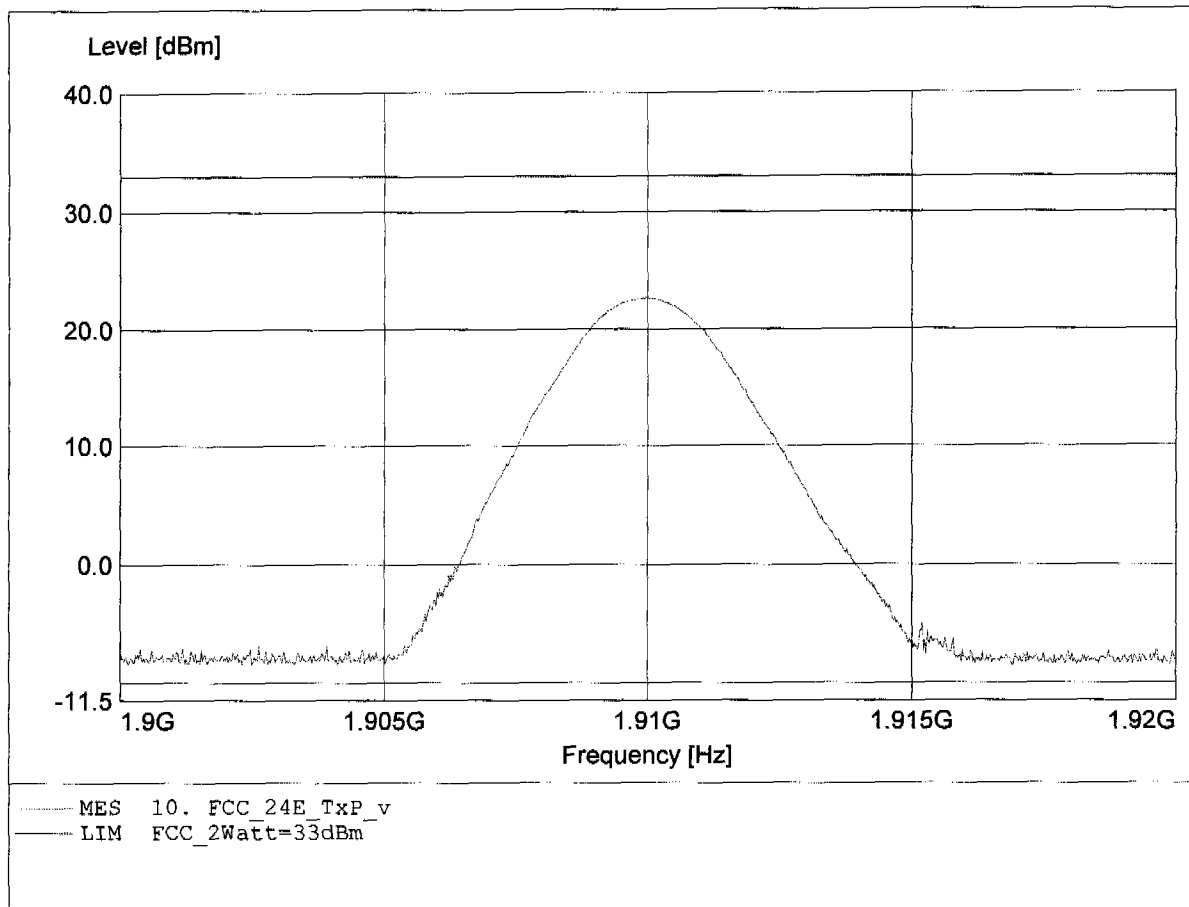
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 25.30dBm, RBW: 3MHz



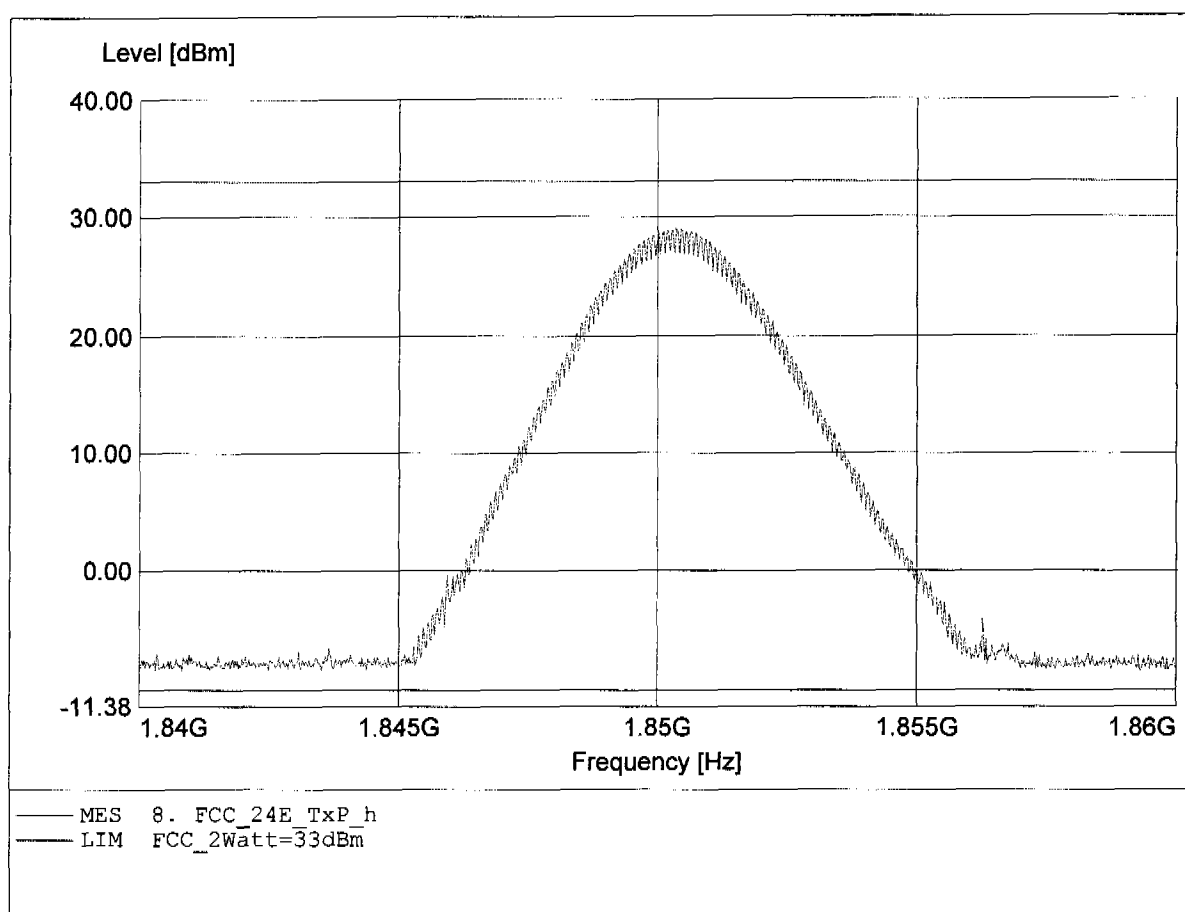
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 22.73dBm, RBW: 3MHz



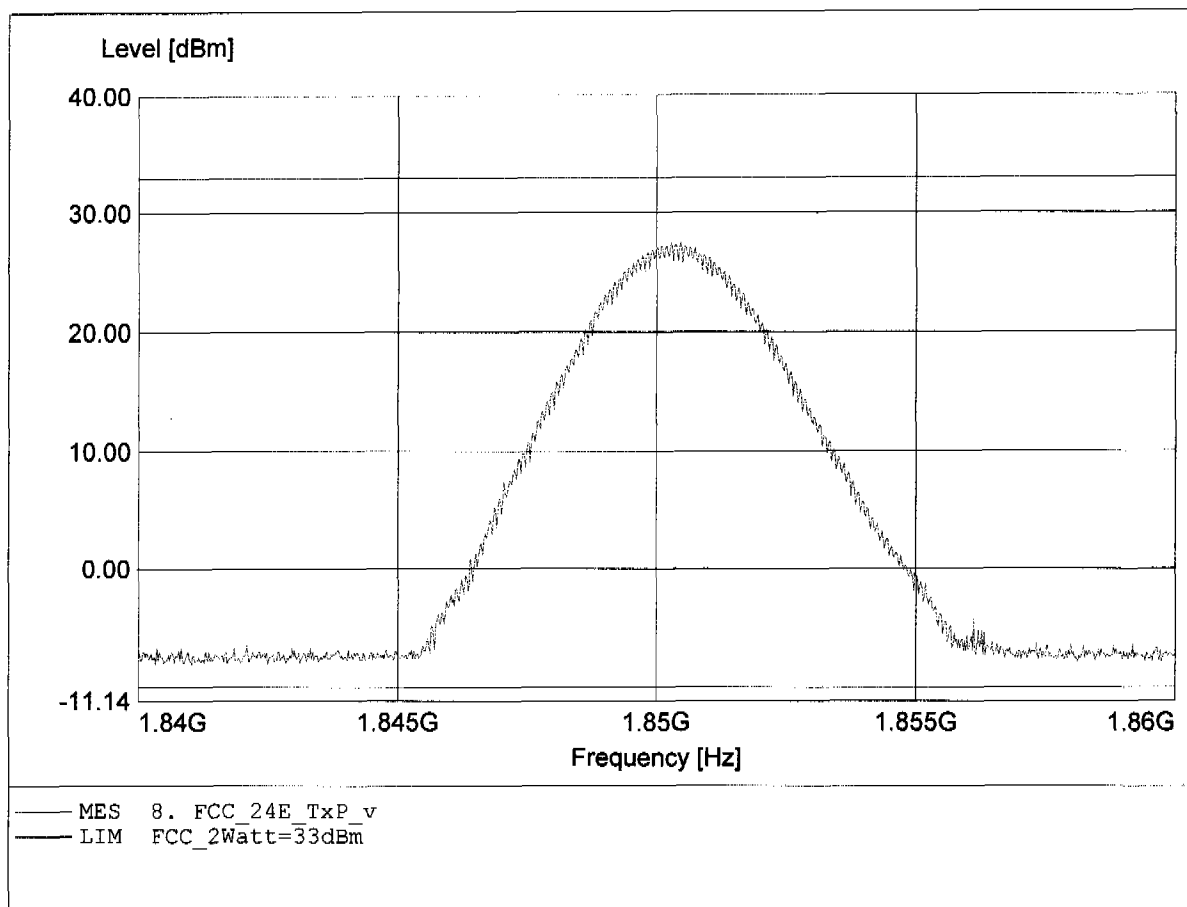
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 29.01dBm, RBW: 3MHz



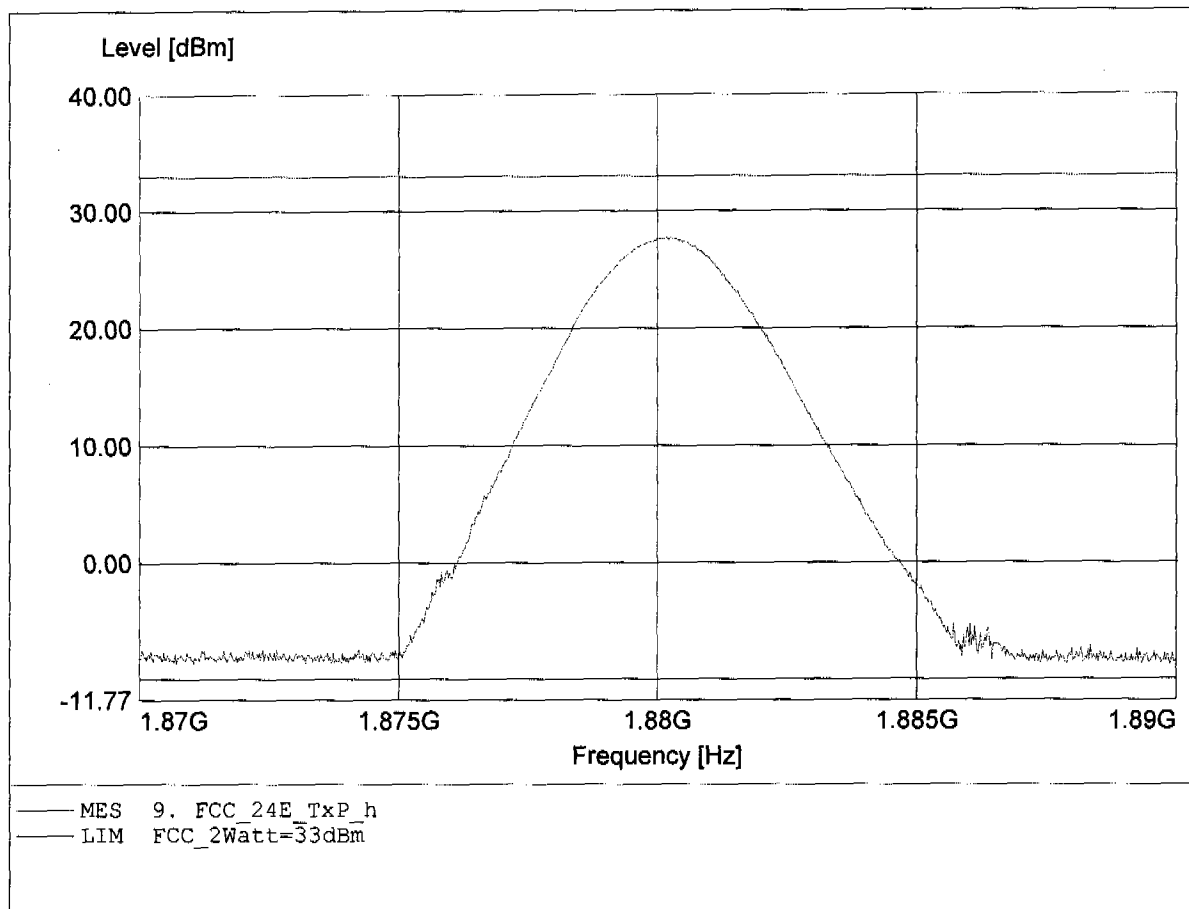
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 27.48dBm, RBW: 3MHz



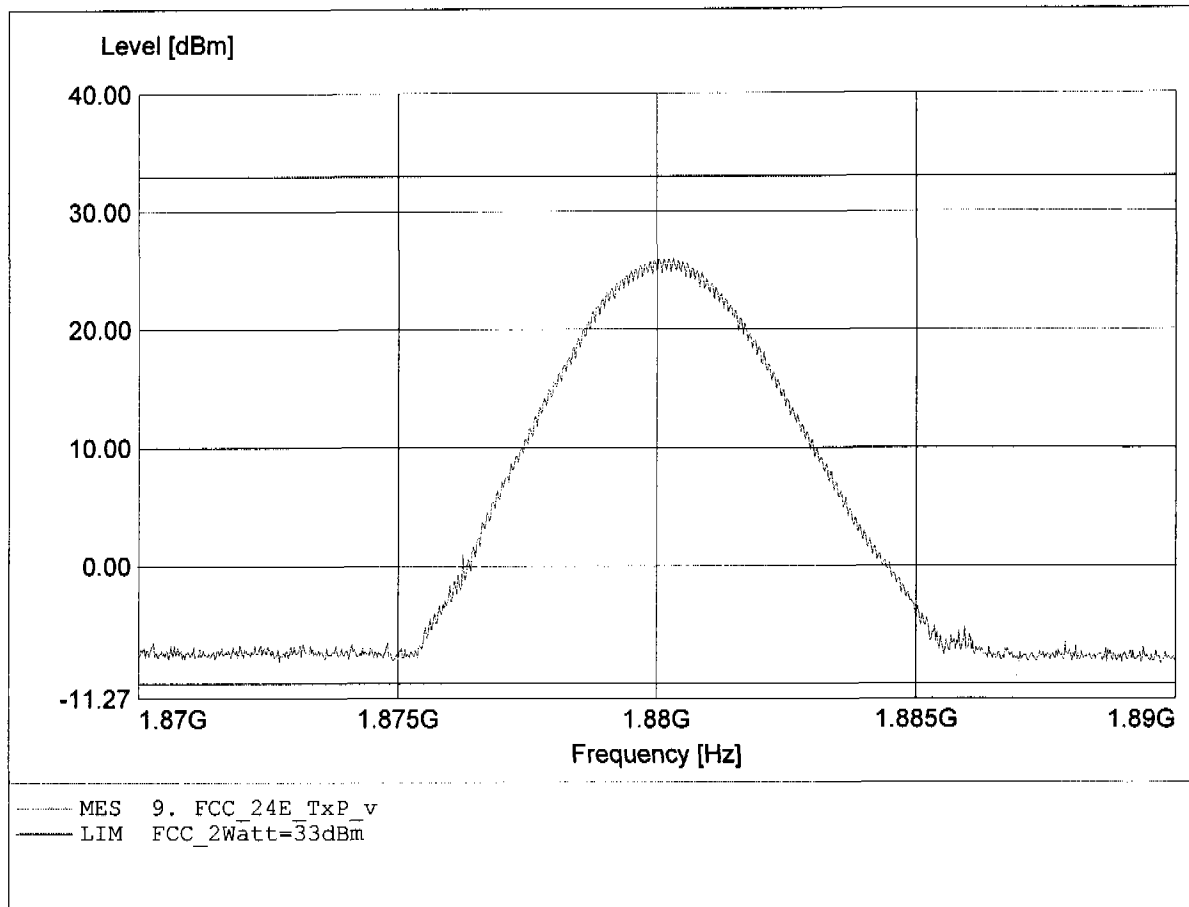
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.: 23°C, Unom.: 18 VDC, Supply: Model: SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 27.70dBm, RBW: 3MHz



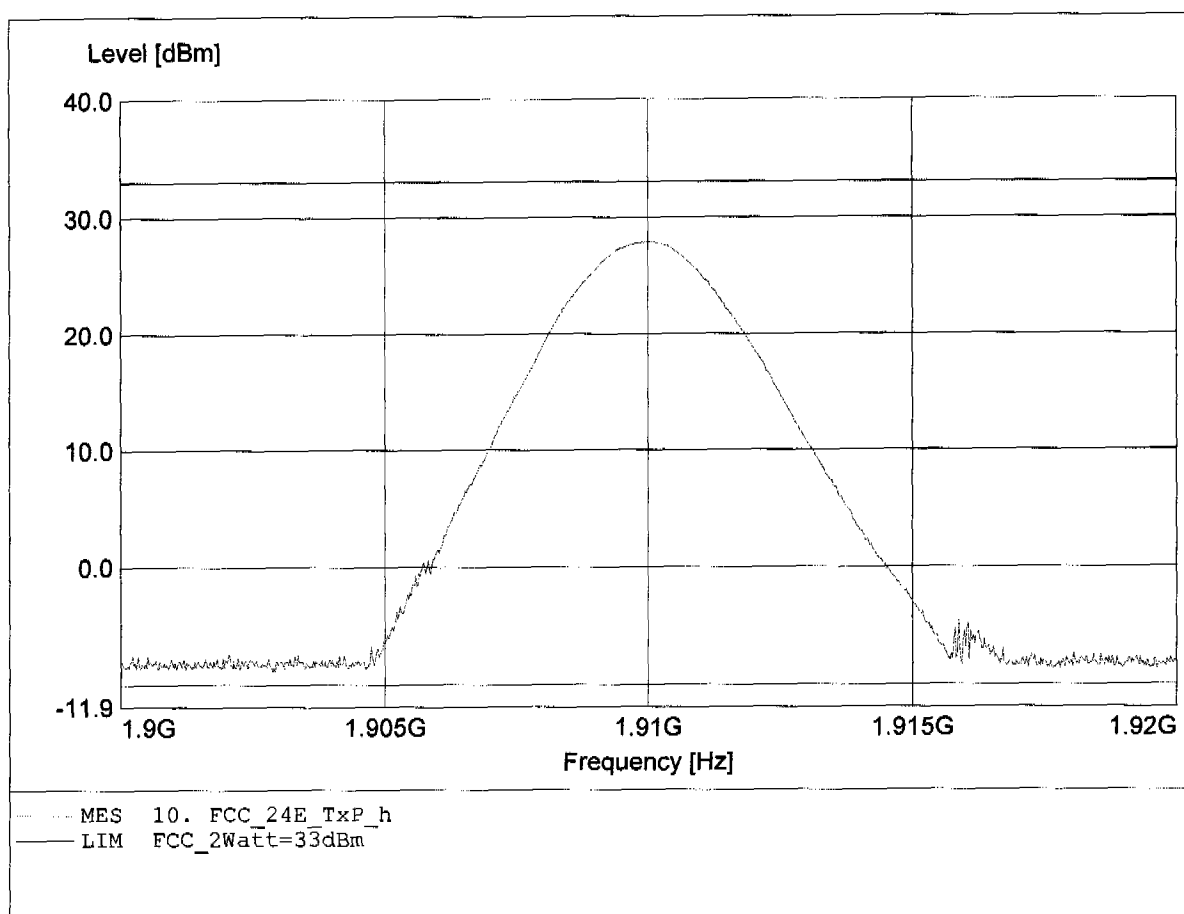
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 25.95dBm, RBW: 3MHz



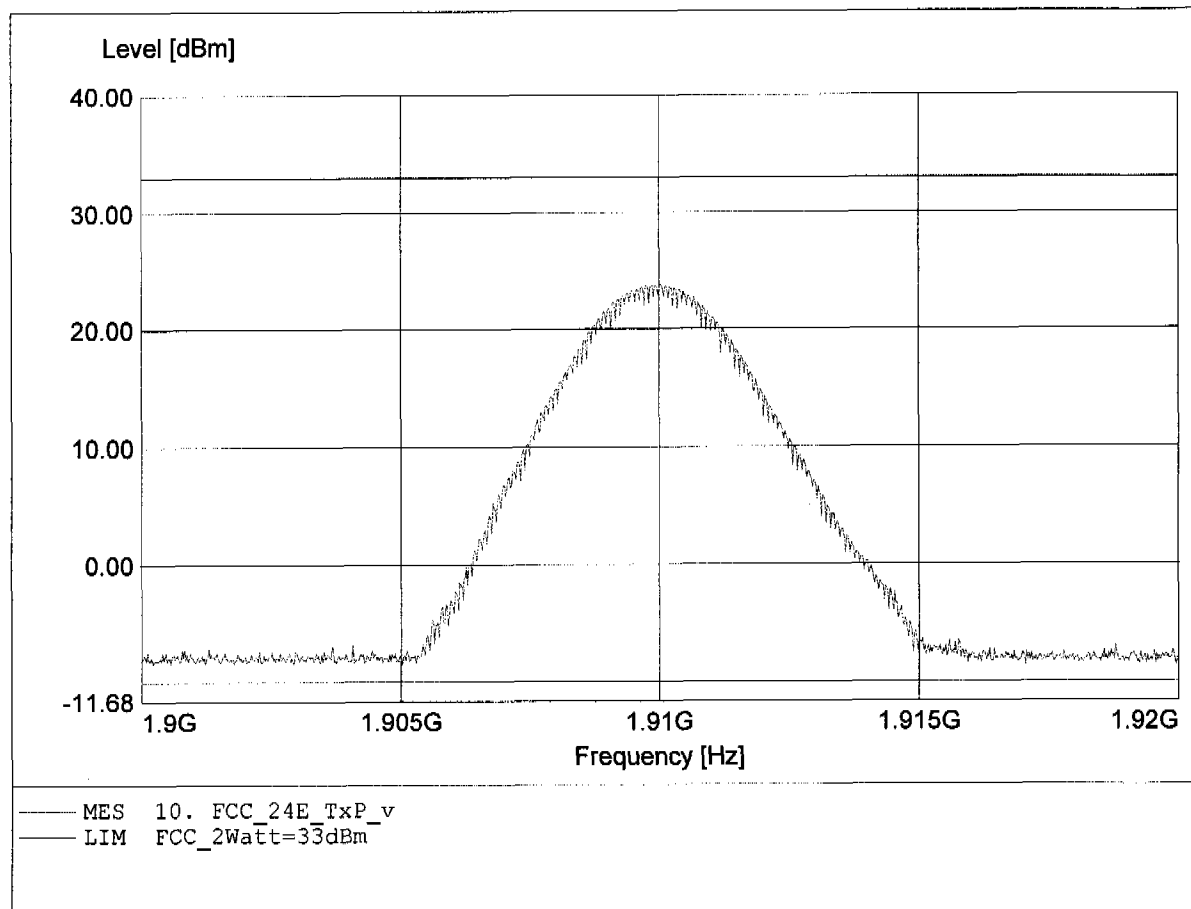
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 27.94dBm, RBW: 3MHz



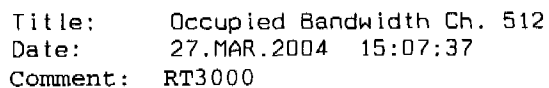
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 23.80dBm, RBW: 3MHz



Appendix D

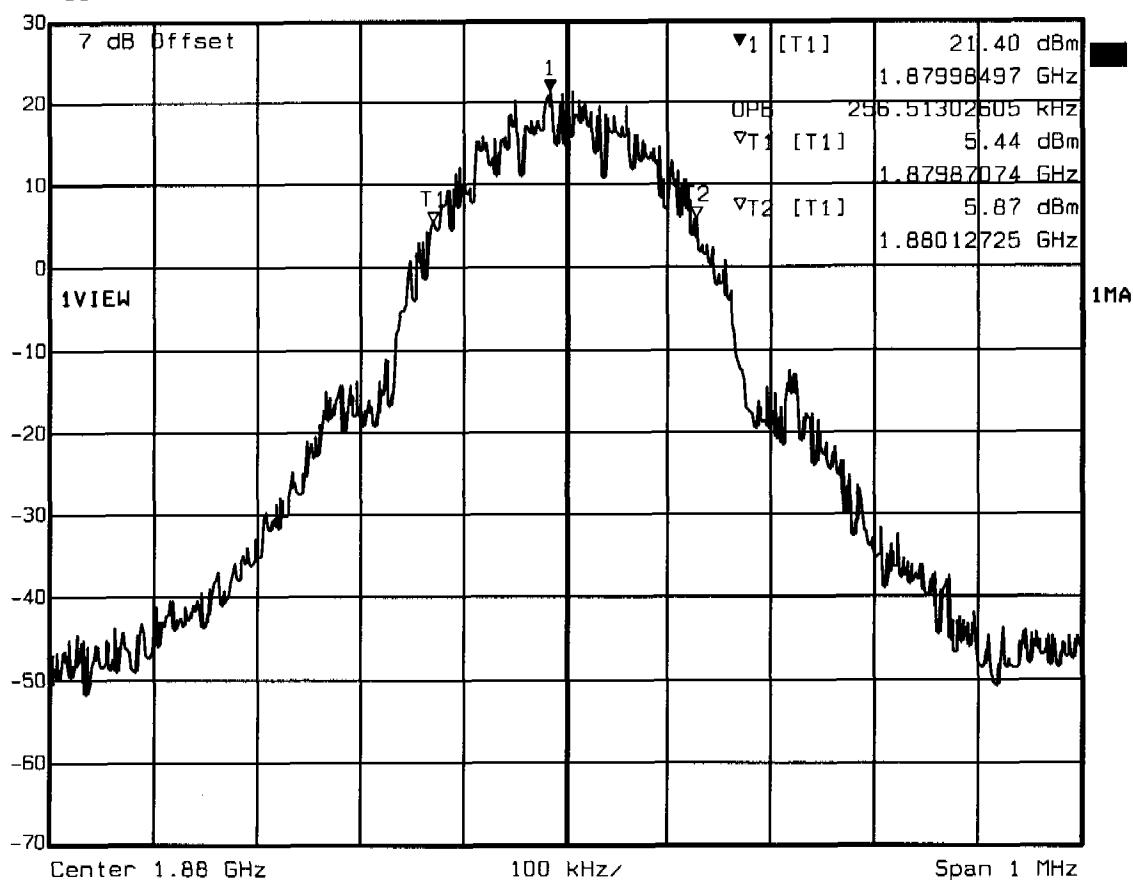
Occupied Bandwidth



Title: Occupied Bandwidth Ch. 512
Date: 27.MAR.2004 15:07:37
Comment: RT3000



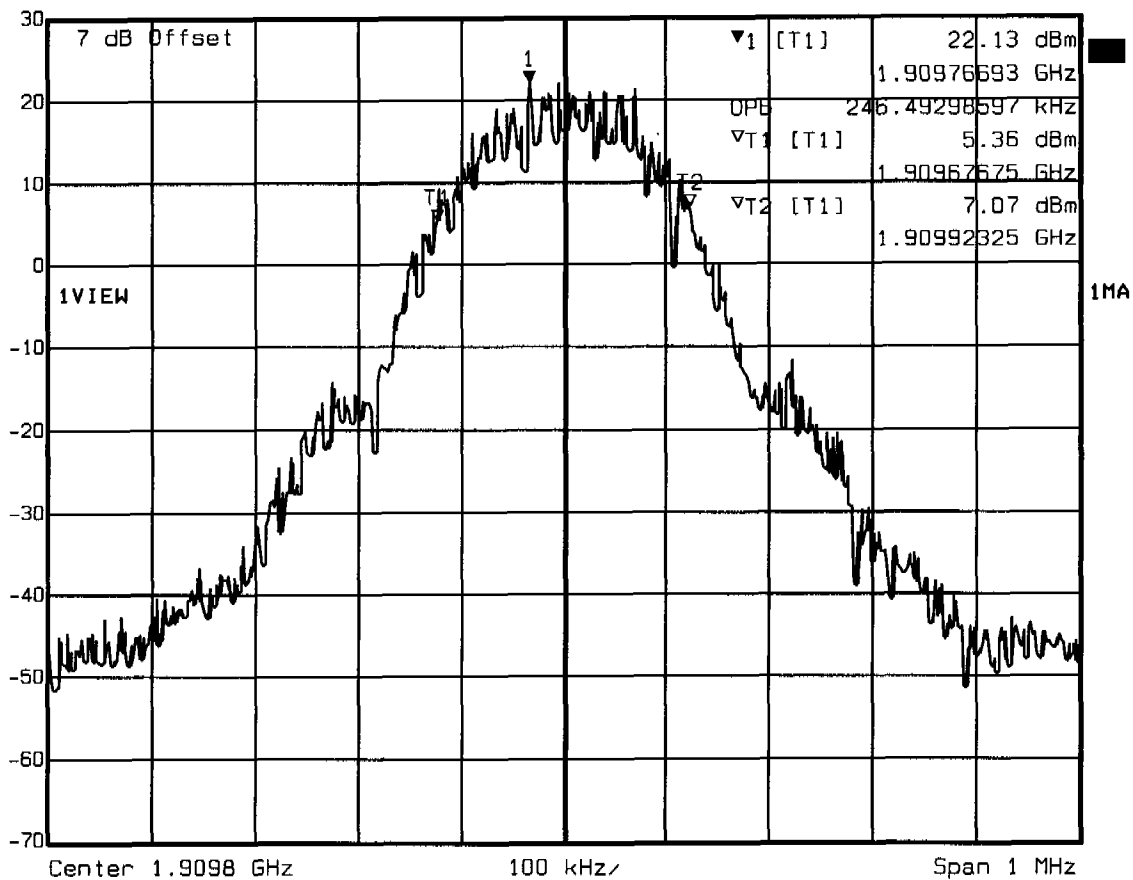
Marker 1 [T1] RBW 3 kHz RF Att 40 dB
Ref Lvl 21.40 dBm VBW 3 kHz
30 dBm 1.87998497 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth Ch. 661
Date: 27.MAR.2004 15:06:54
Comment: RT3000



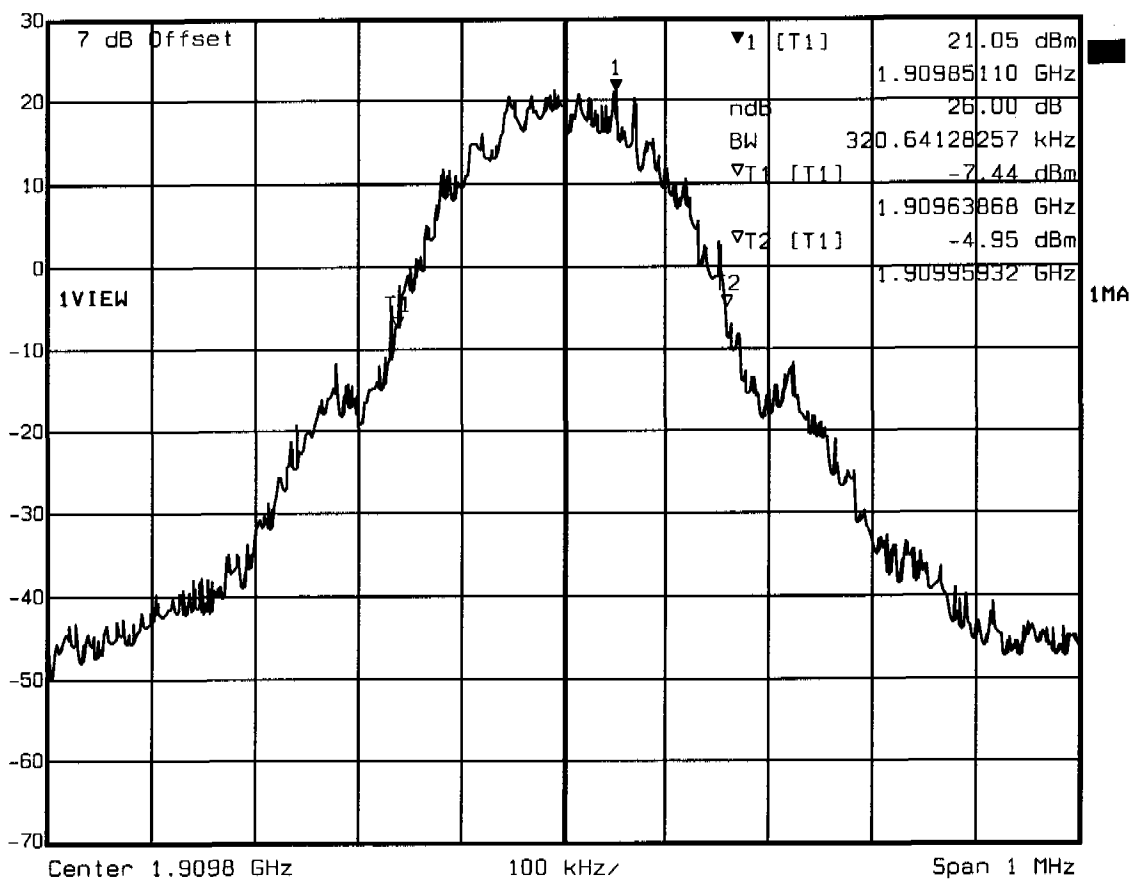
Marker 1 [T1] RBW 3 kHz RF Att 40 dB
Ref Lvl 22.13 dBm VBW 3 kHz
30 dBm 1.90976693 GHz SWT 280 ms Unit dBm



Title: Occupied Bandwidth Ch. 810
Date: 27.MAR.2004 15:05:30
Comment: RT3000



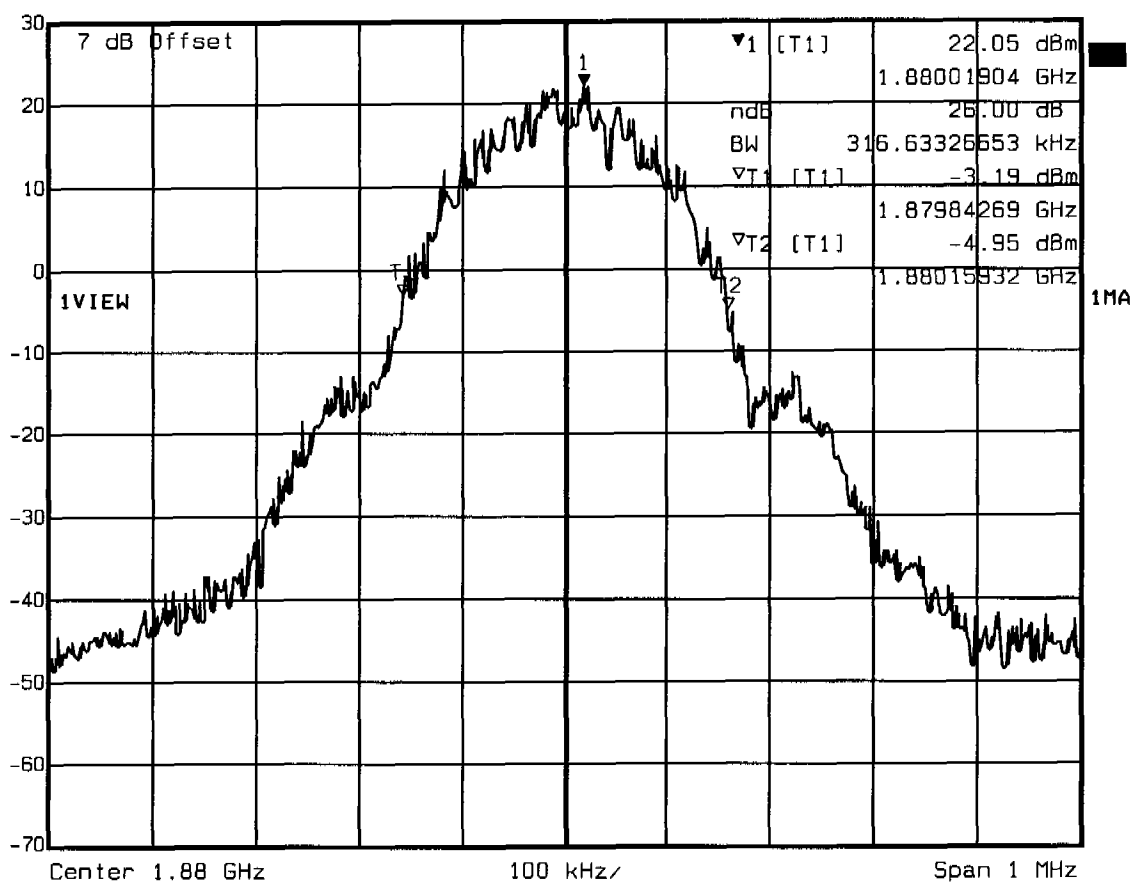
Ref Lvl 30 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 40 dB
BW 320.64128257 kHz VBW 3 kHz Unit dBm
SWT 280 ms



Title: FCC Part 24.238 b) Ch.810
Date: 27.MAR.2004 14:30:35
Comment: RT3000 Emission Bandwidth



Ref Lvl 30 dBm
Marker 1 [T1 ndB] 26.00 dB
BW 316.63326653 kHz
RBW 3 kHz
VBW 3 kHz
RF Att 40 dB
SWT 280 ms
Unit dBm



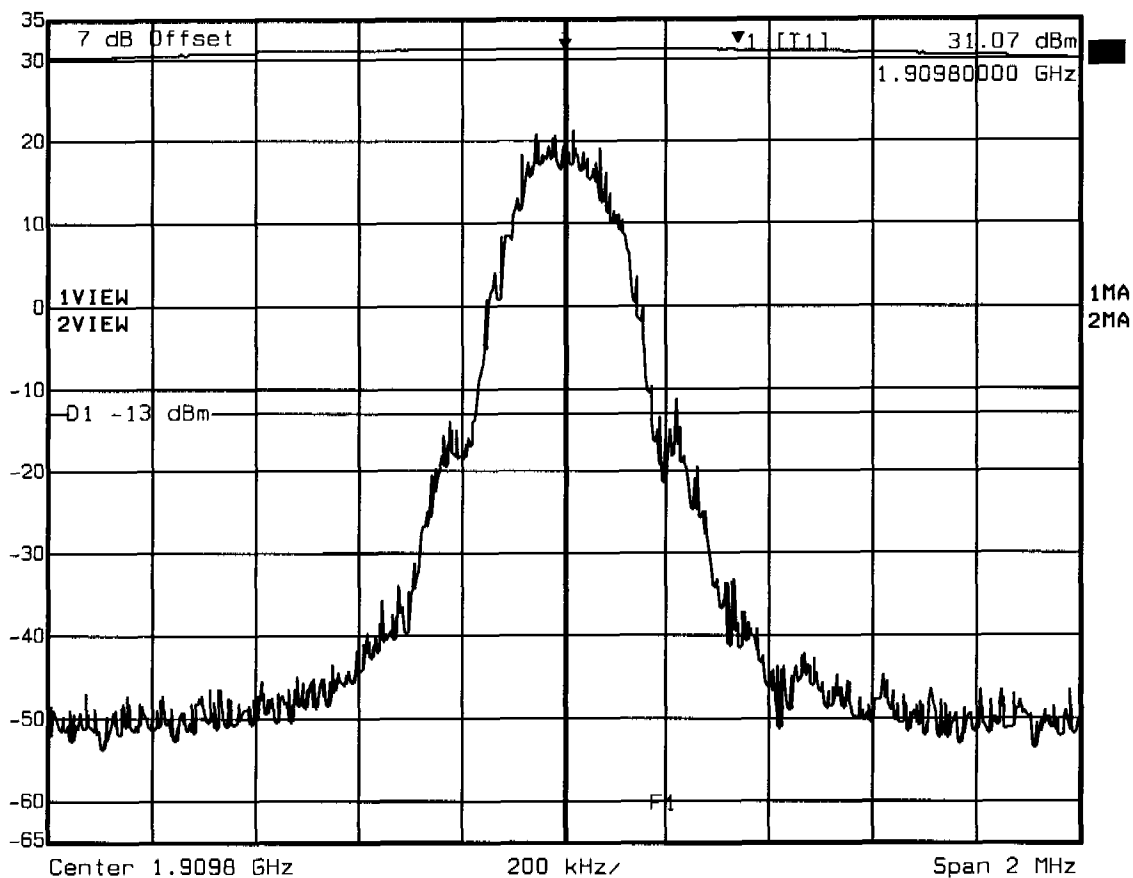
Title: FCC Part 24.238 b) Ch.661
Date: 27.MAR.2004 14:31:24
Comment: RT3000 Emission Bandwidth

Appendix E

Field Strength of Spurious Radiation



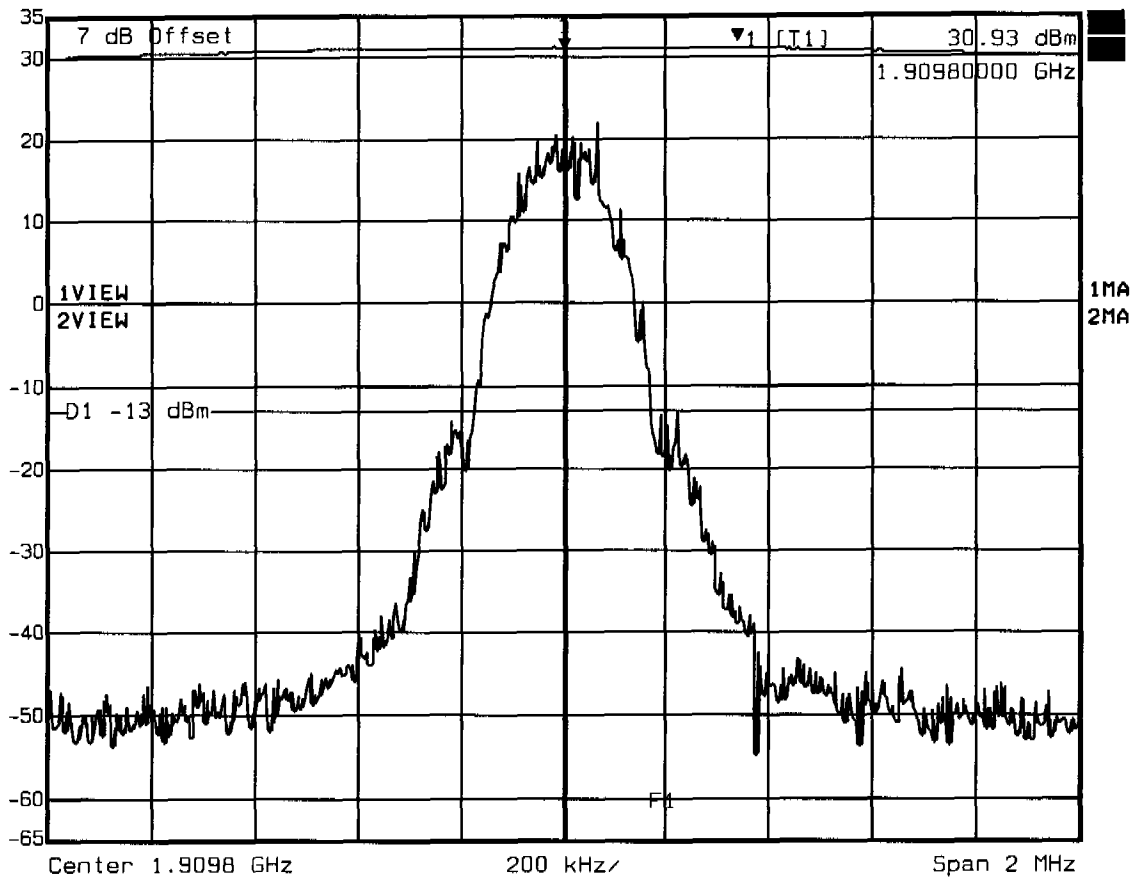
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 31.07 dBm VBW 3 kHz
35 dBm 1.90980000 GHz SWT 560 ms Unit dBm



Title: Band edge compliance
Date: 27.MAR.2004 14:26:34
Comment: RT3000



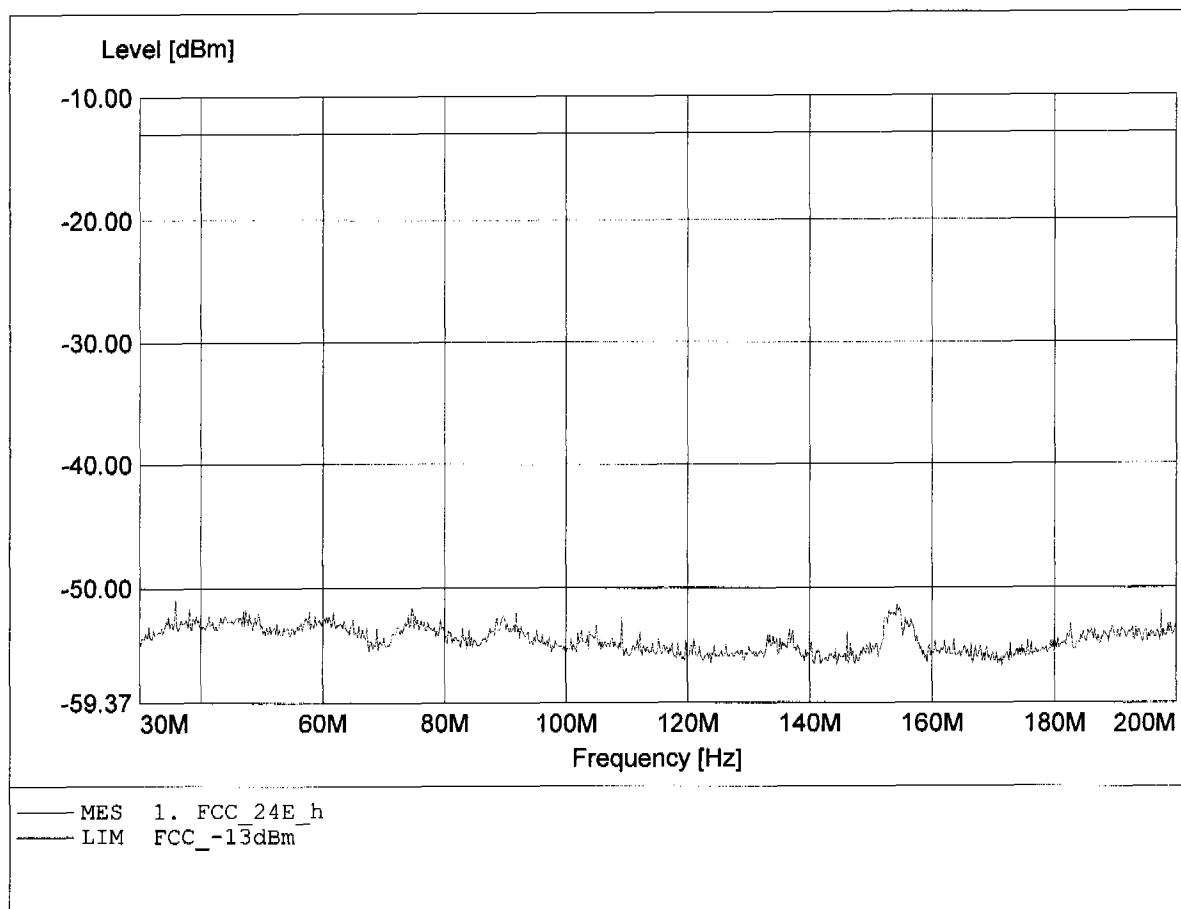
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 30.93 dBm VBW 3 kHz
35 dBm 1.90980000 GHz SWT 560 ms Unit dBm



Title: Band edge compliance
Date: 27.MAR.2004 15:26:25
Comment: RT3000

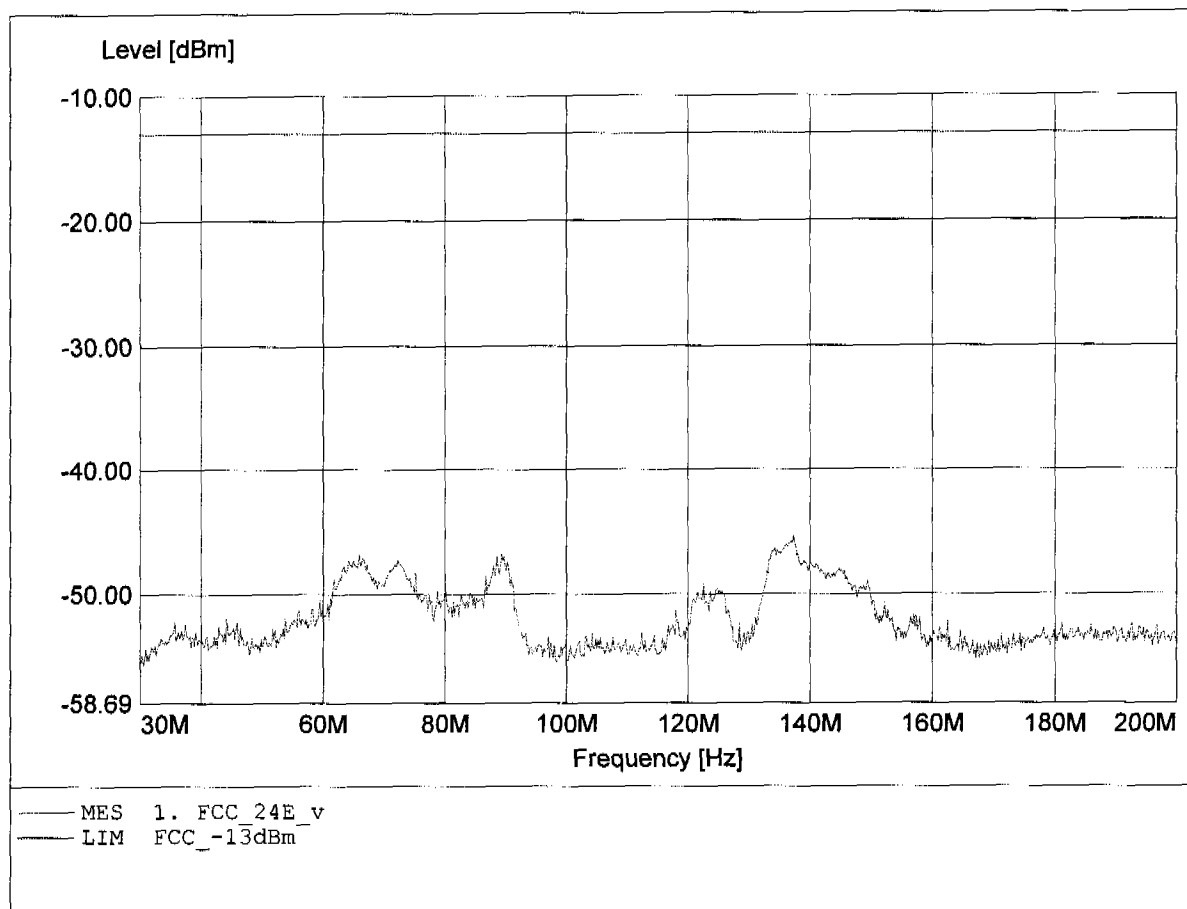
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 35.856MHz, Pmax: -50.81dBm, RBW: 1MHz



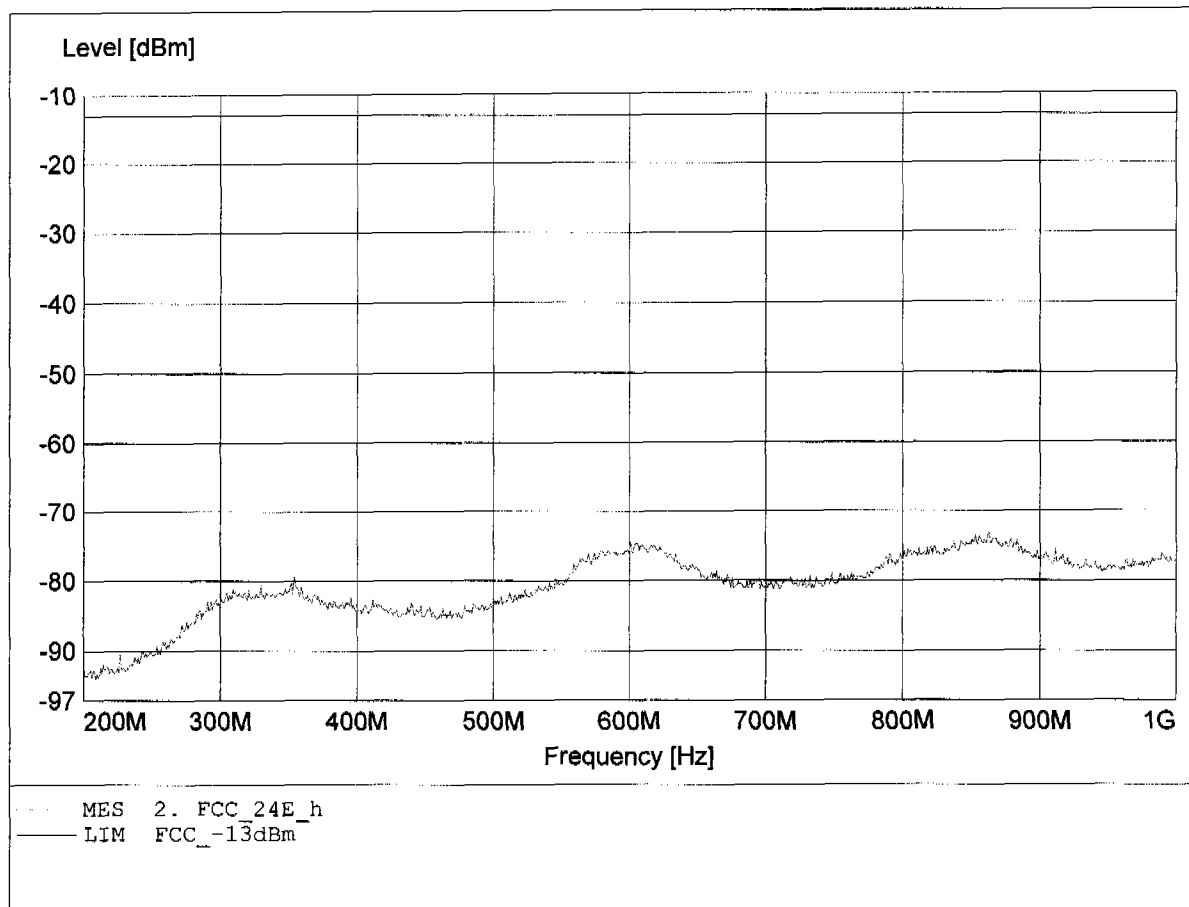
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 137.289MHz, Pmax: -45.37dBm, RBW: 1MHz



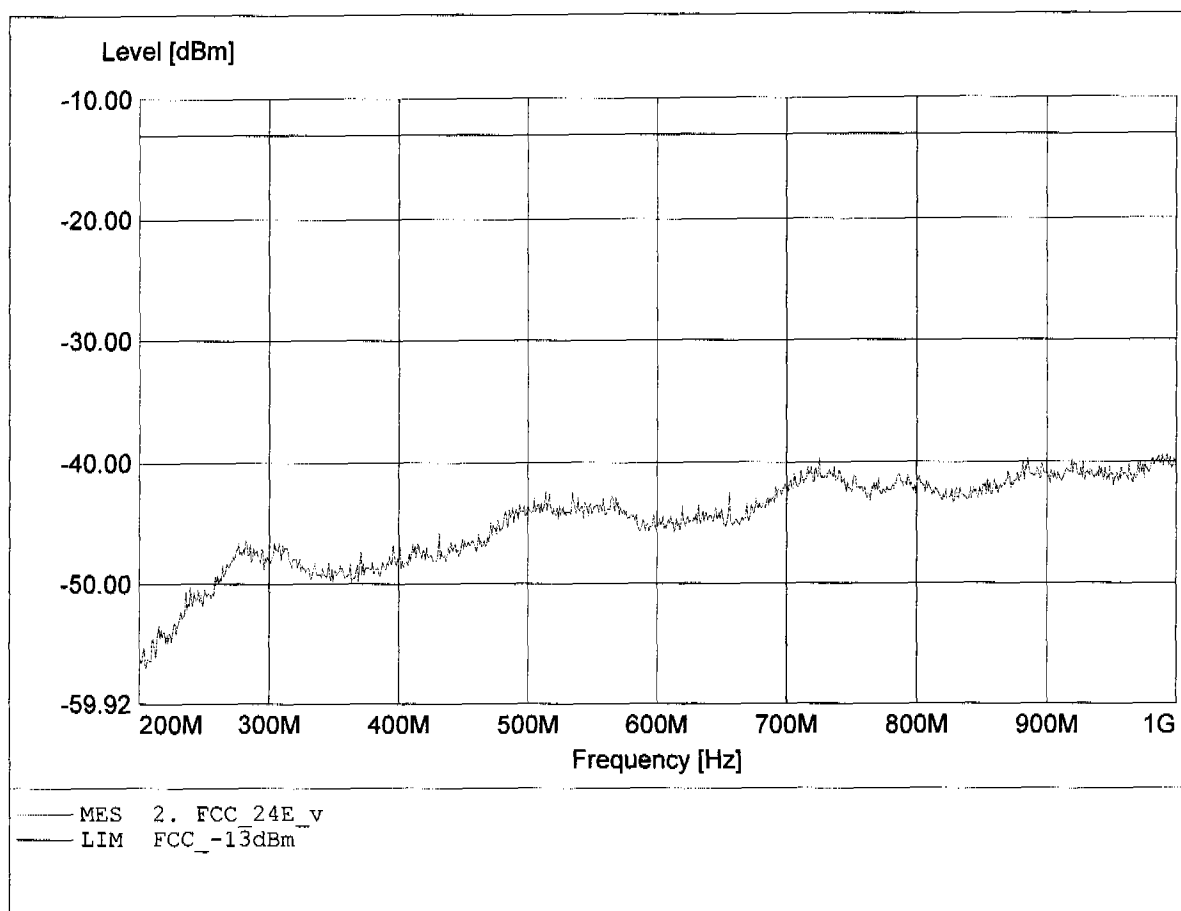
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 863.111MHz, Pmax: -73.11dBm, RBW: 1MHz



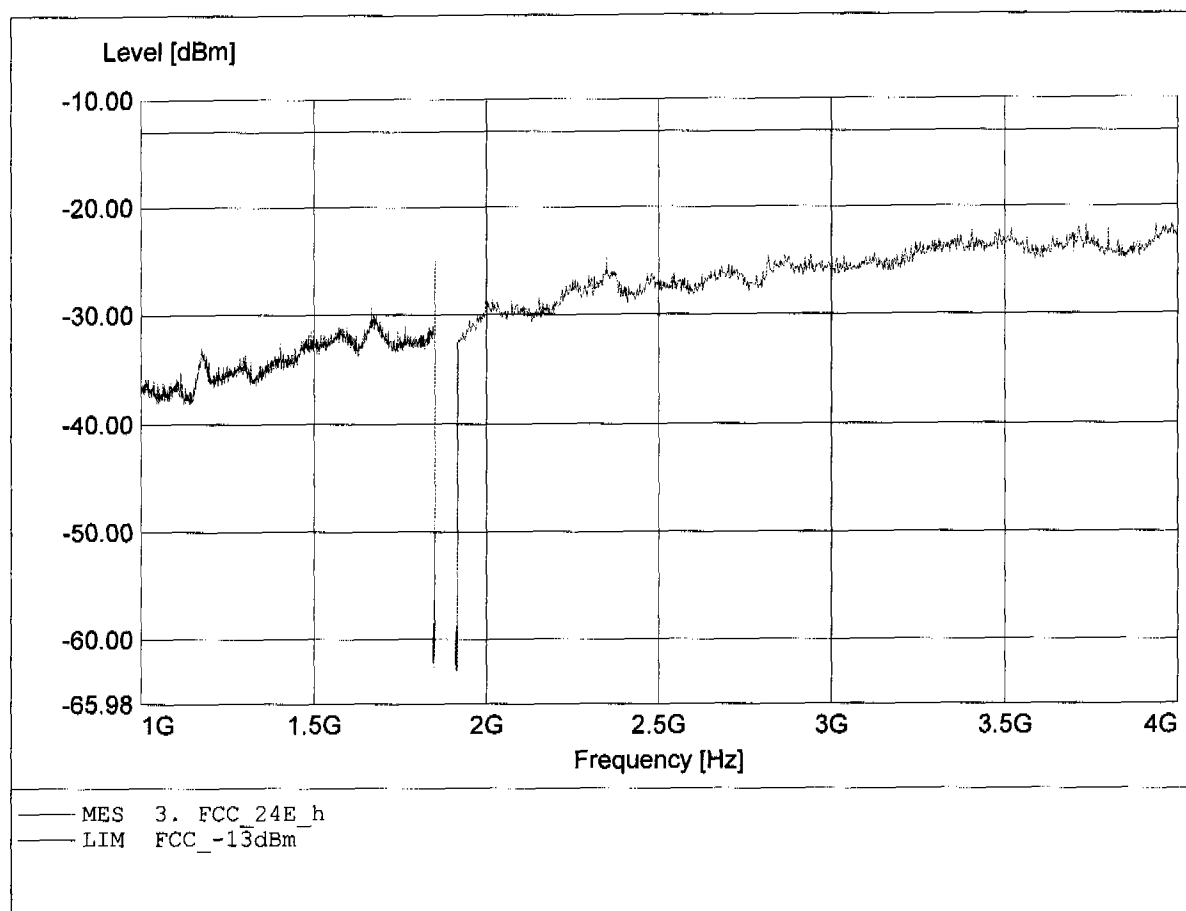
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 992.889MHz, Pmax: -39.31dBm, RBW: 1MHz



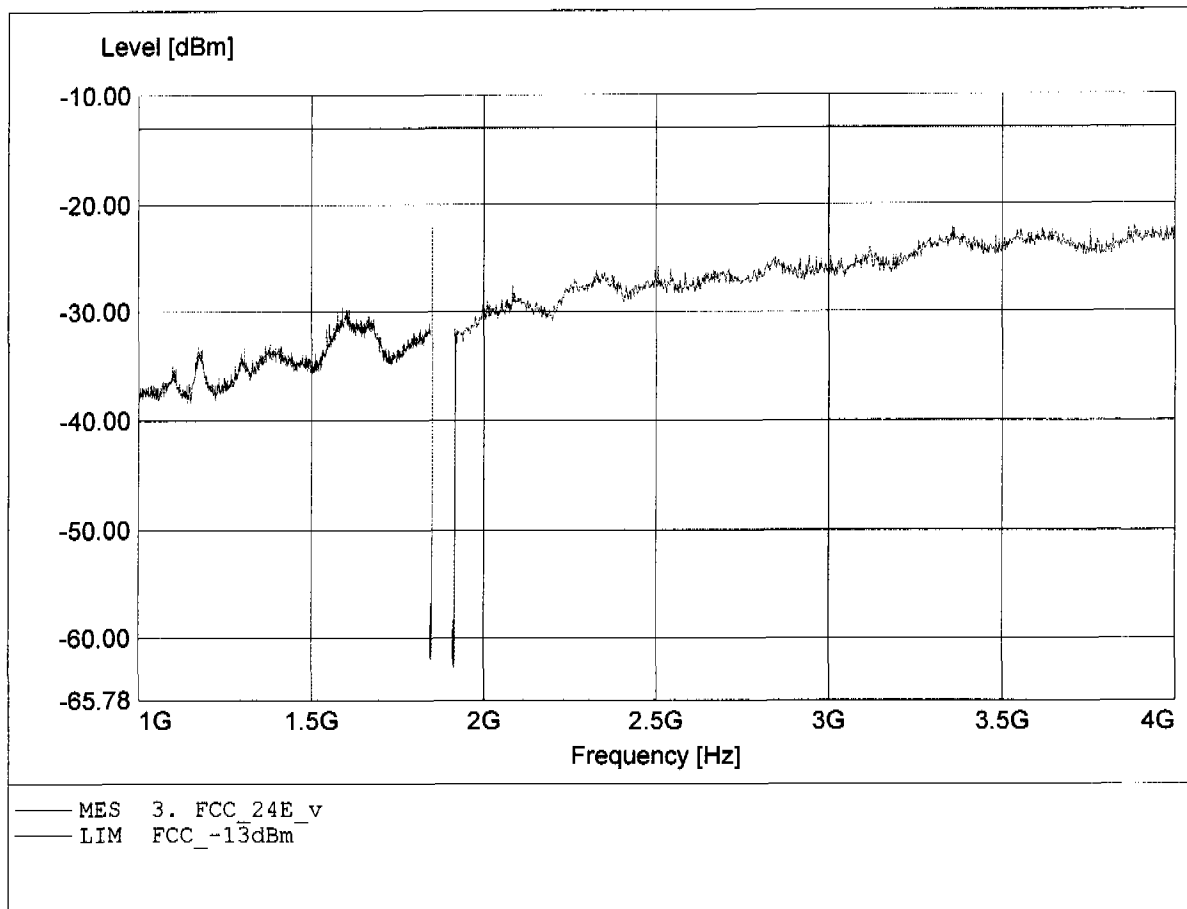
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.984GHz, Pmax: -21.73dBm, RBW: 1MHz/3kHz



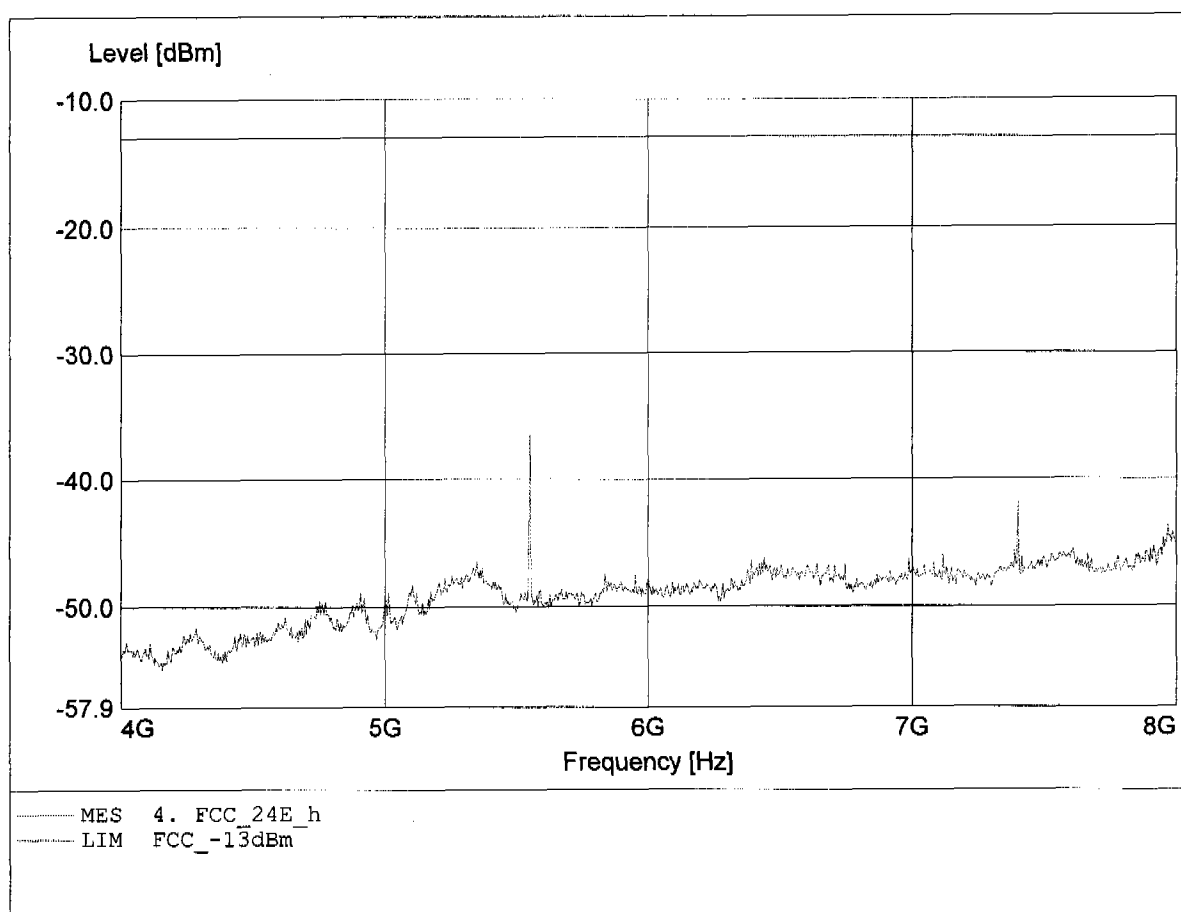
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.882GHz, Pmax: -22.13dBm, RBW: 1MHz/3kHz



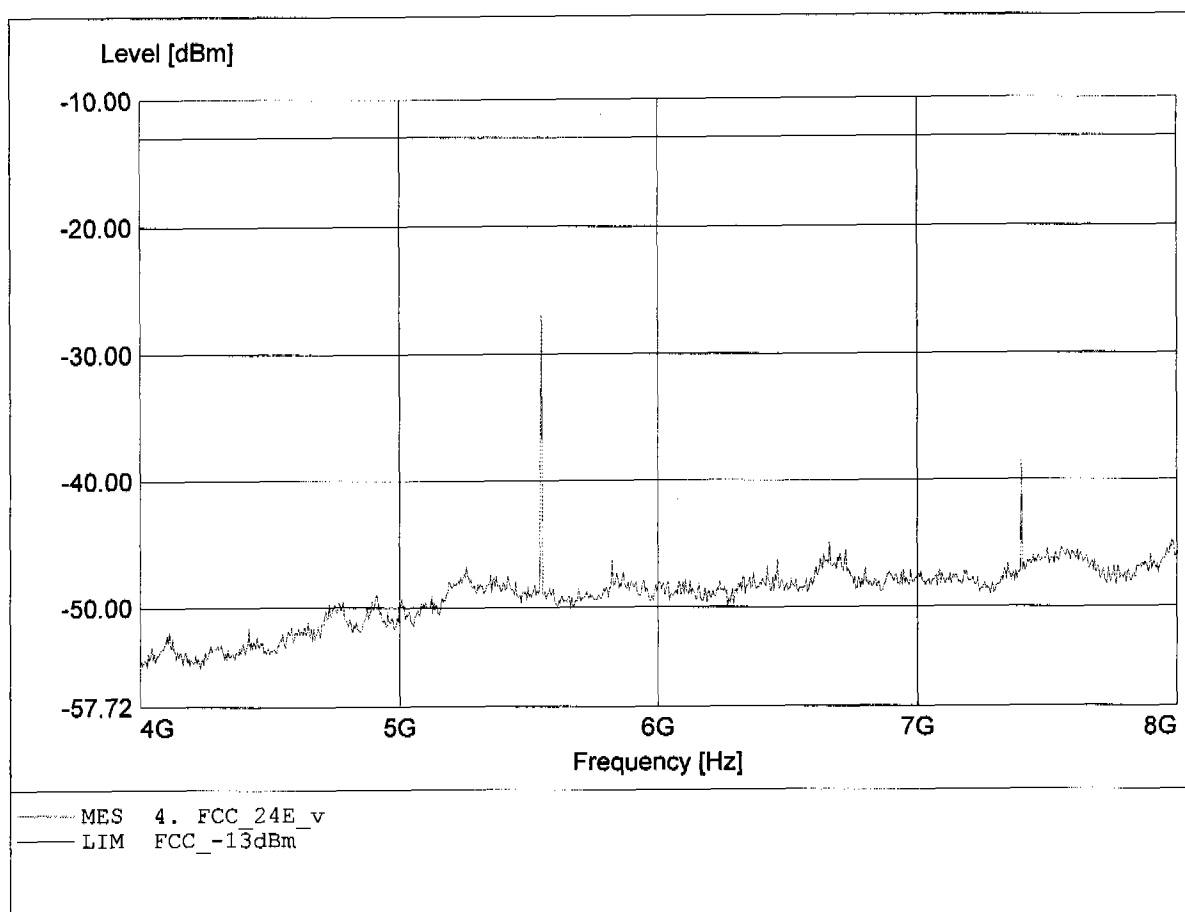
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.551GHz, Pmax: -36.39dBm, RBW: 1MHz



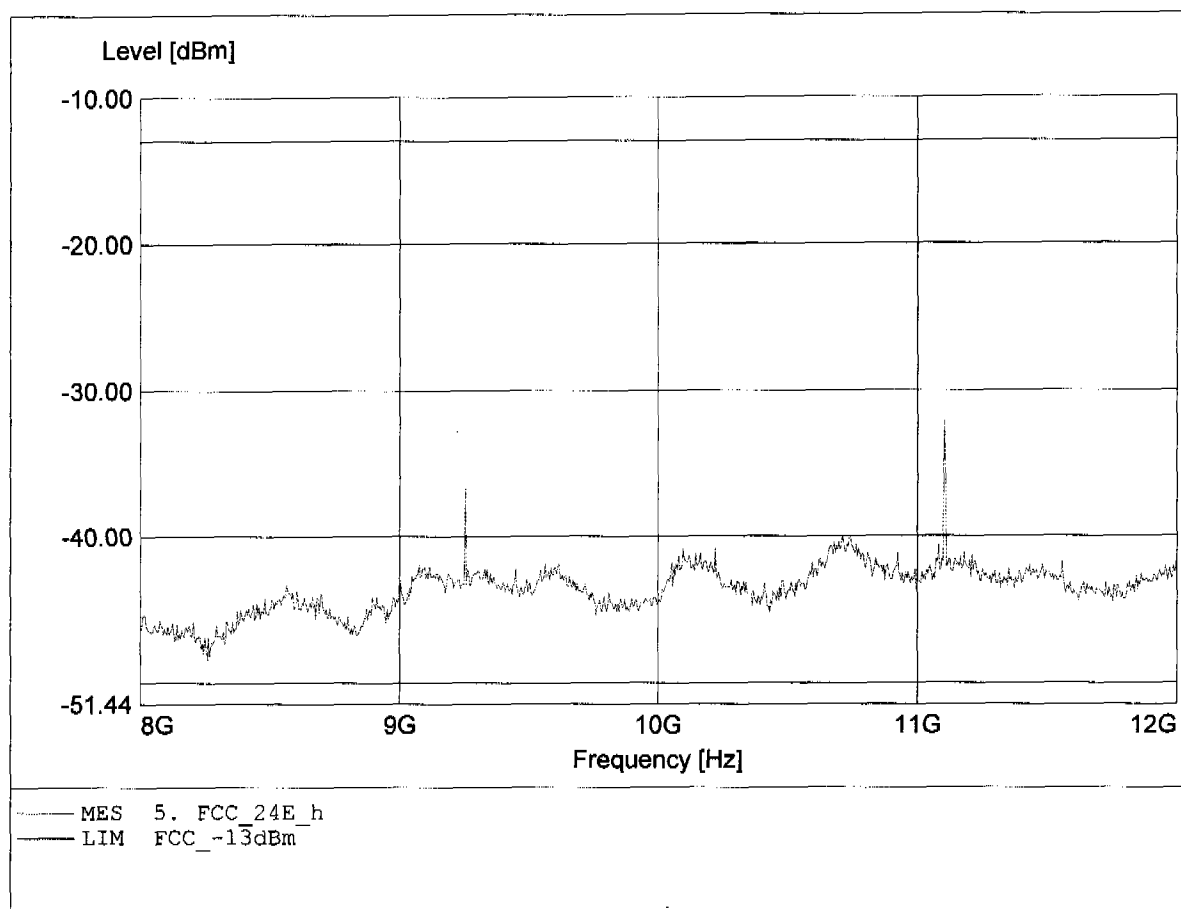
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.551GHz, Pmax: -26.91dBm, RBW: 1MHz



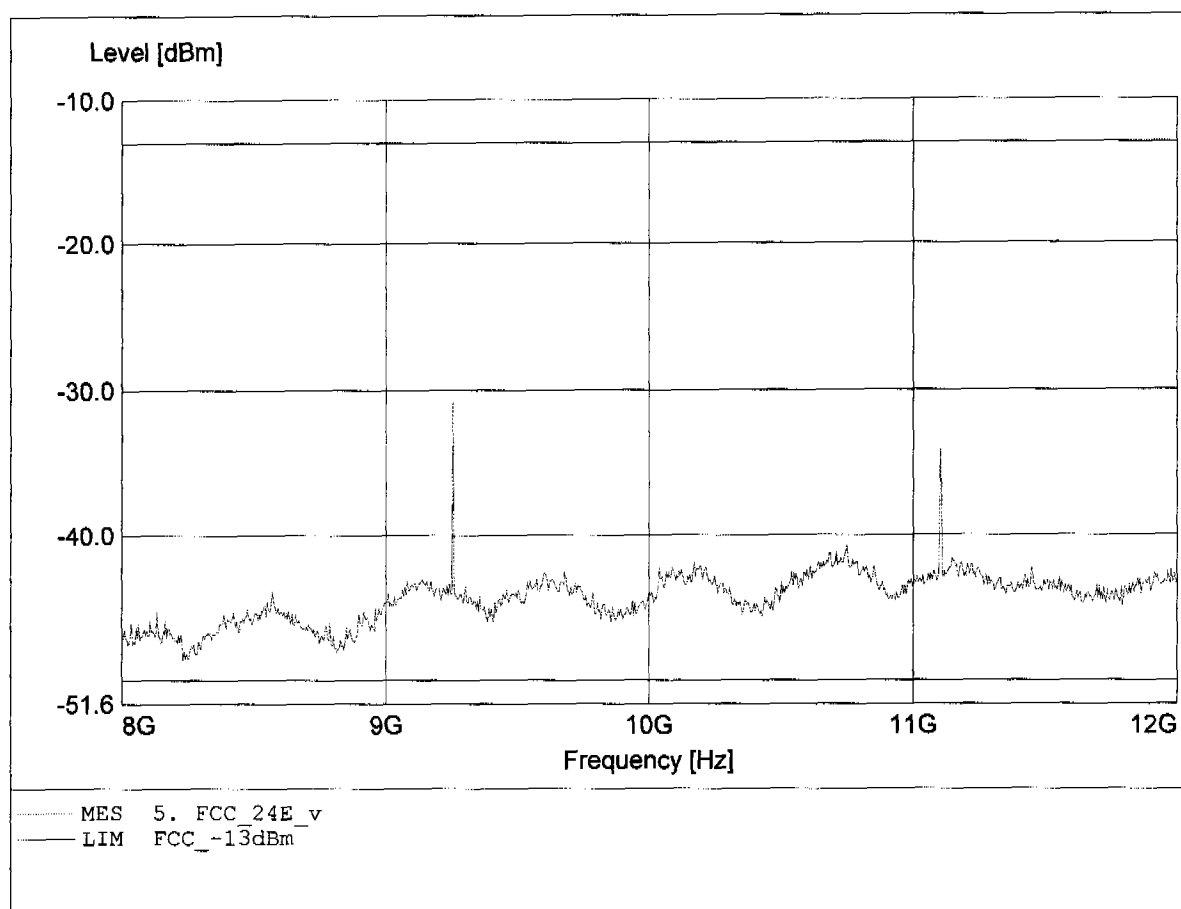
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.102GHz, Pmax: -32.16dBm, RBW: 1MHz



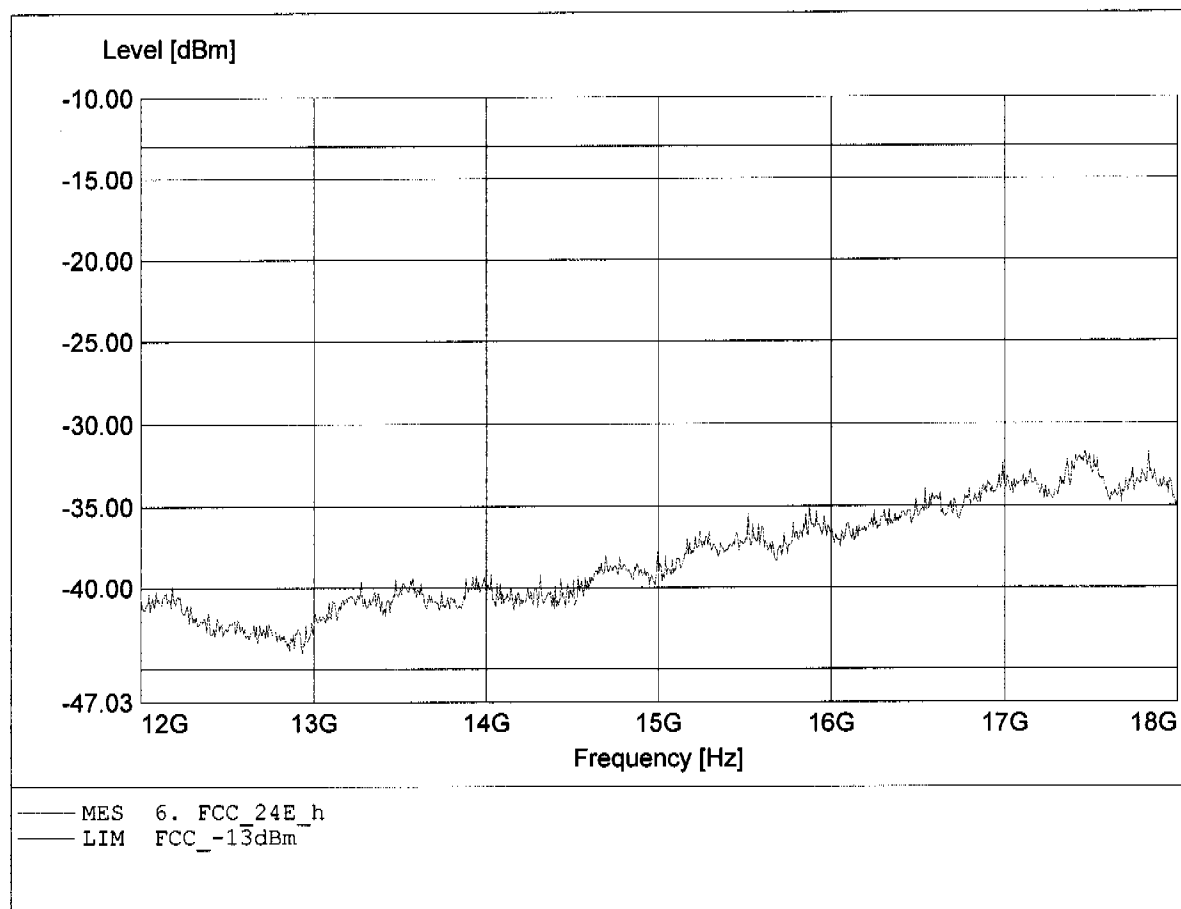
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.253GHz, Pmax: -30.75dBm, RBW: 1MHz



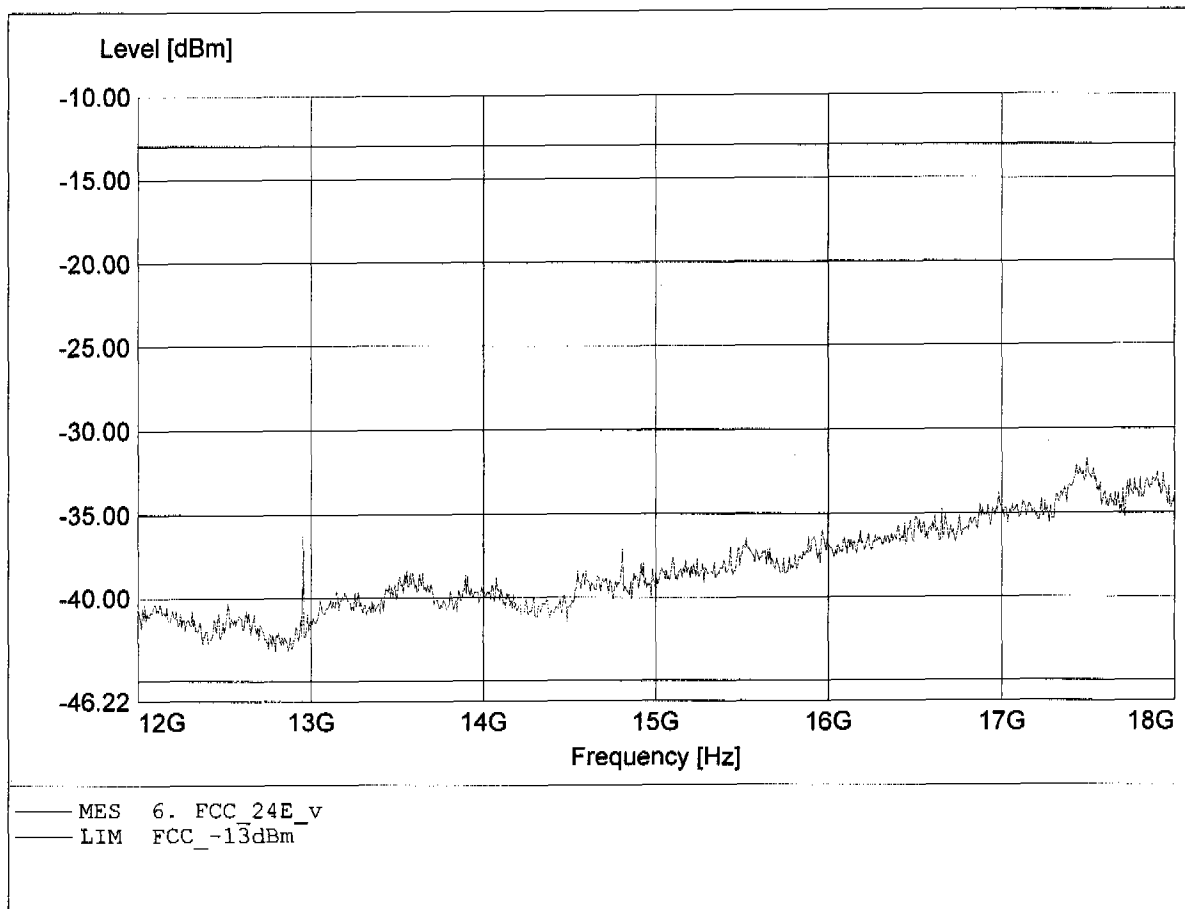
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.460GHz, Pmax: -31.66dBm, RBW: 1MHz



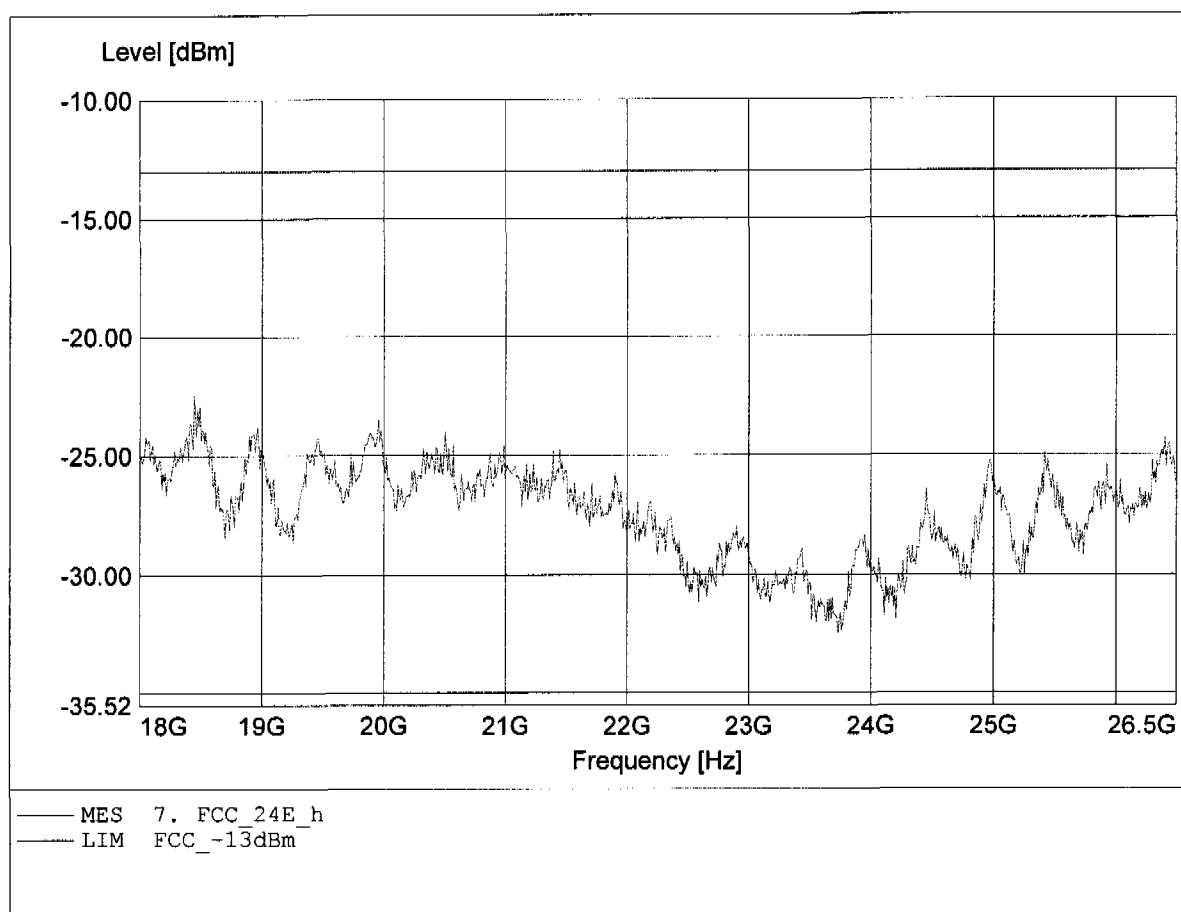
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.487GHz, Pmax: -31.65dBm, RBW: 1MHz



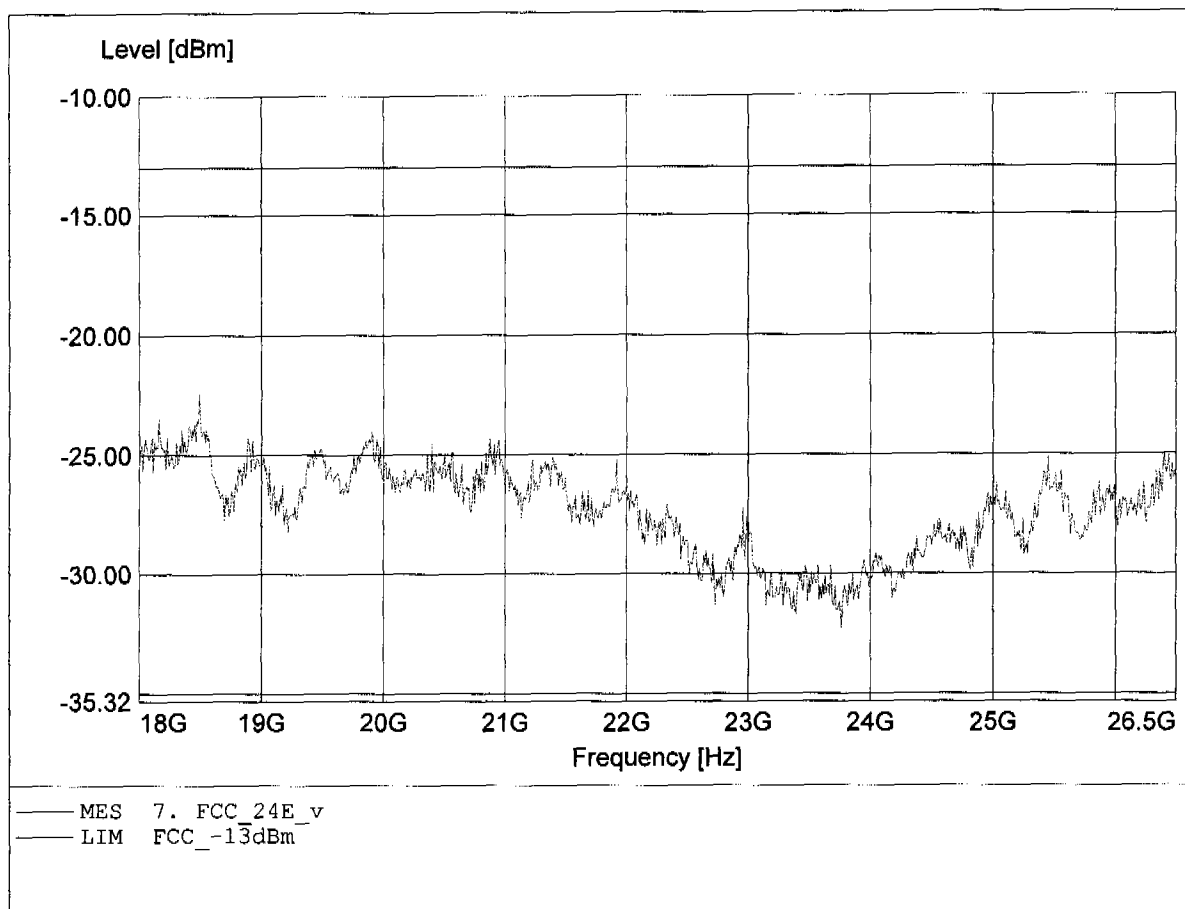
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.444GHz, Pmax: -22.43dBm, RBW: 1MHz



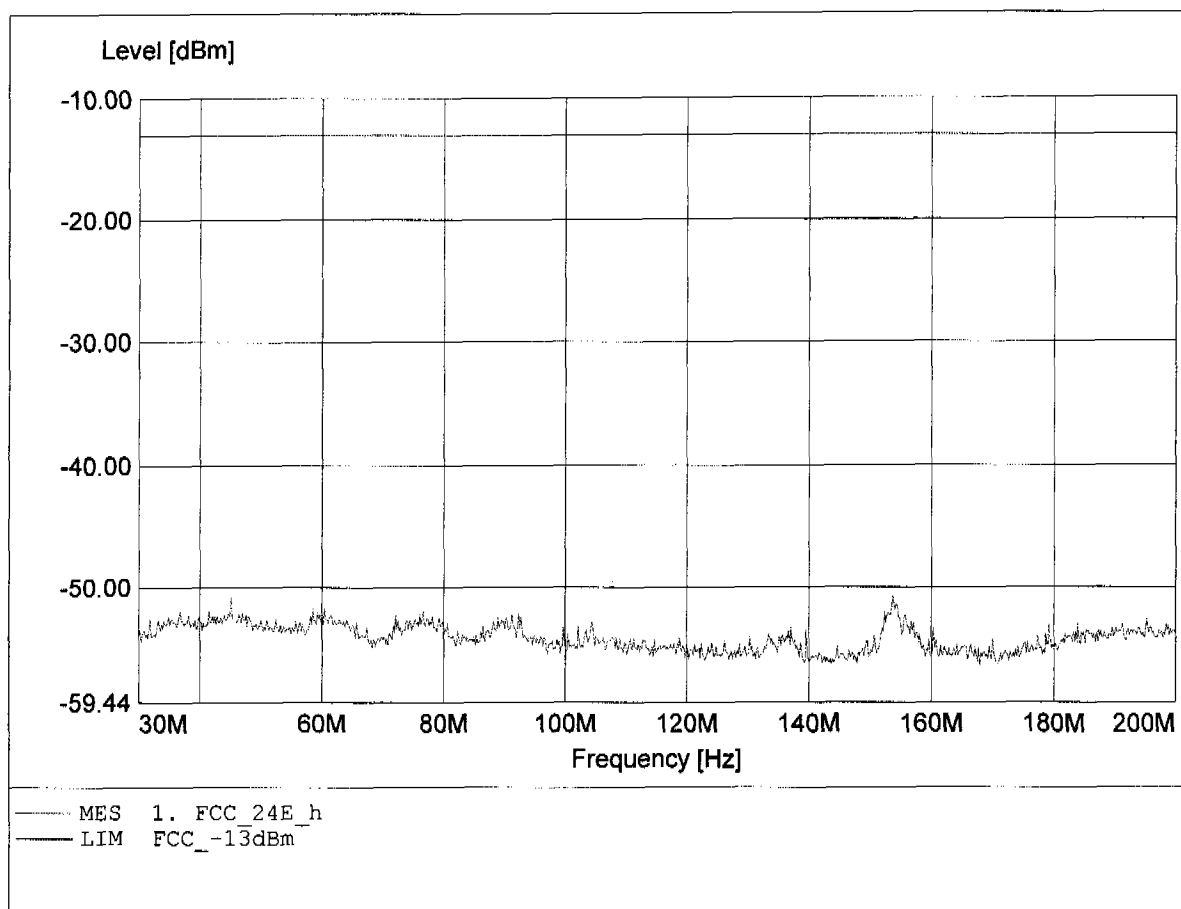
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 512
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.491GHz, Pmax: -22.45dBm, RBW: 1MHz



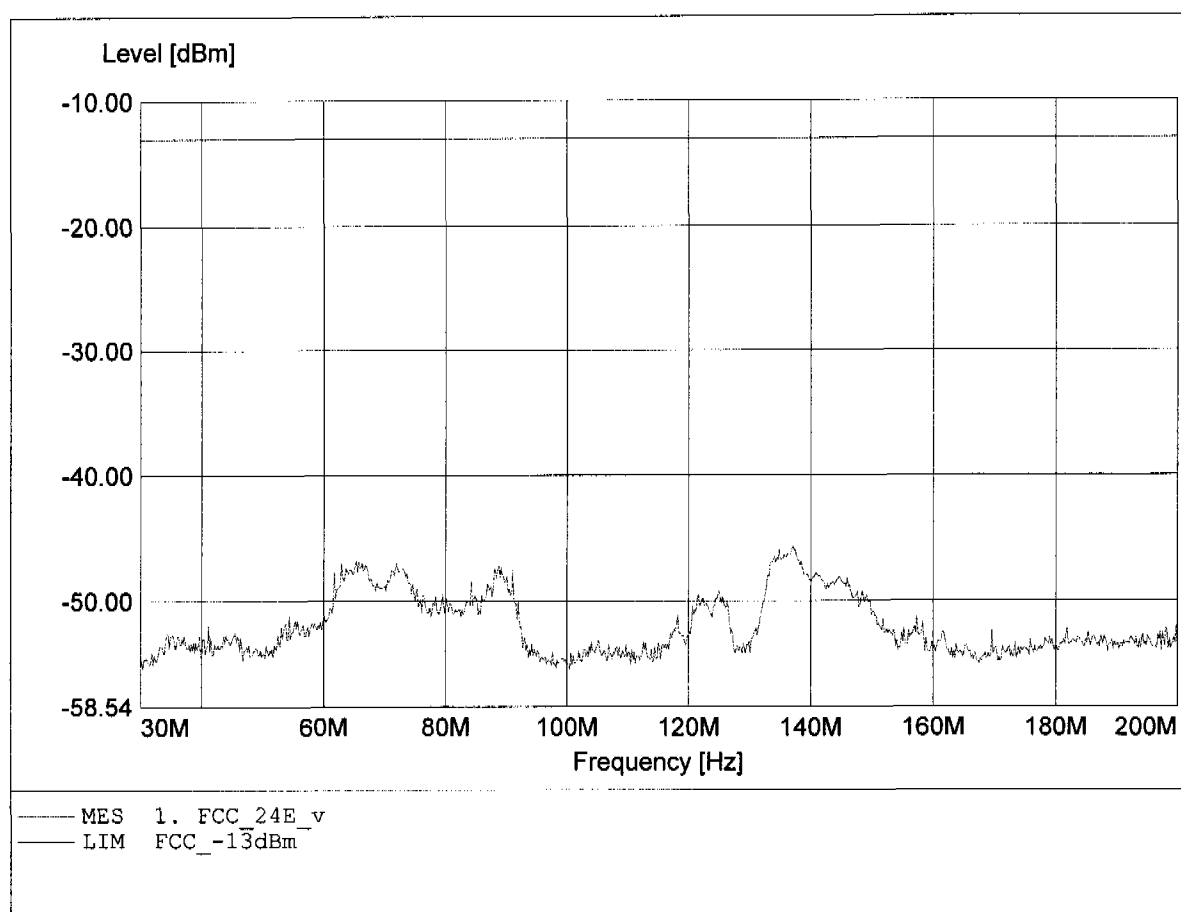
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 45.111MHz, Pmax: -50.77dBm, RBW: 1MHz



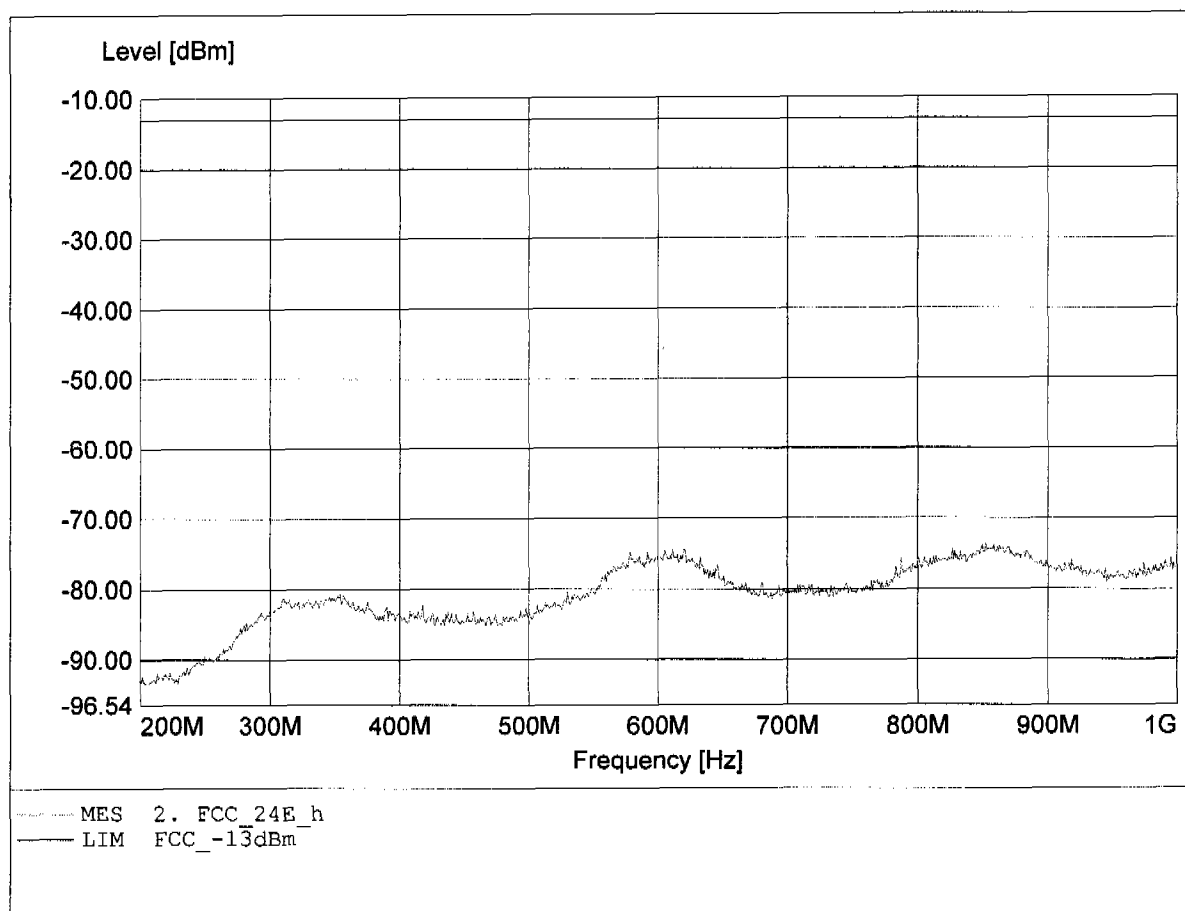
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 137.100MHz, Pmax: -45.66dBm, RBW: 1MHz



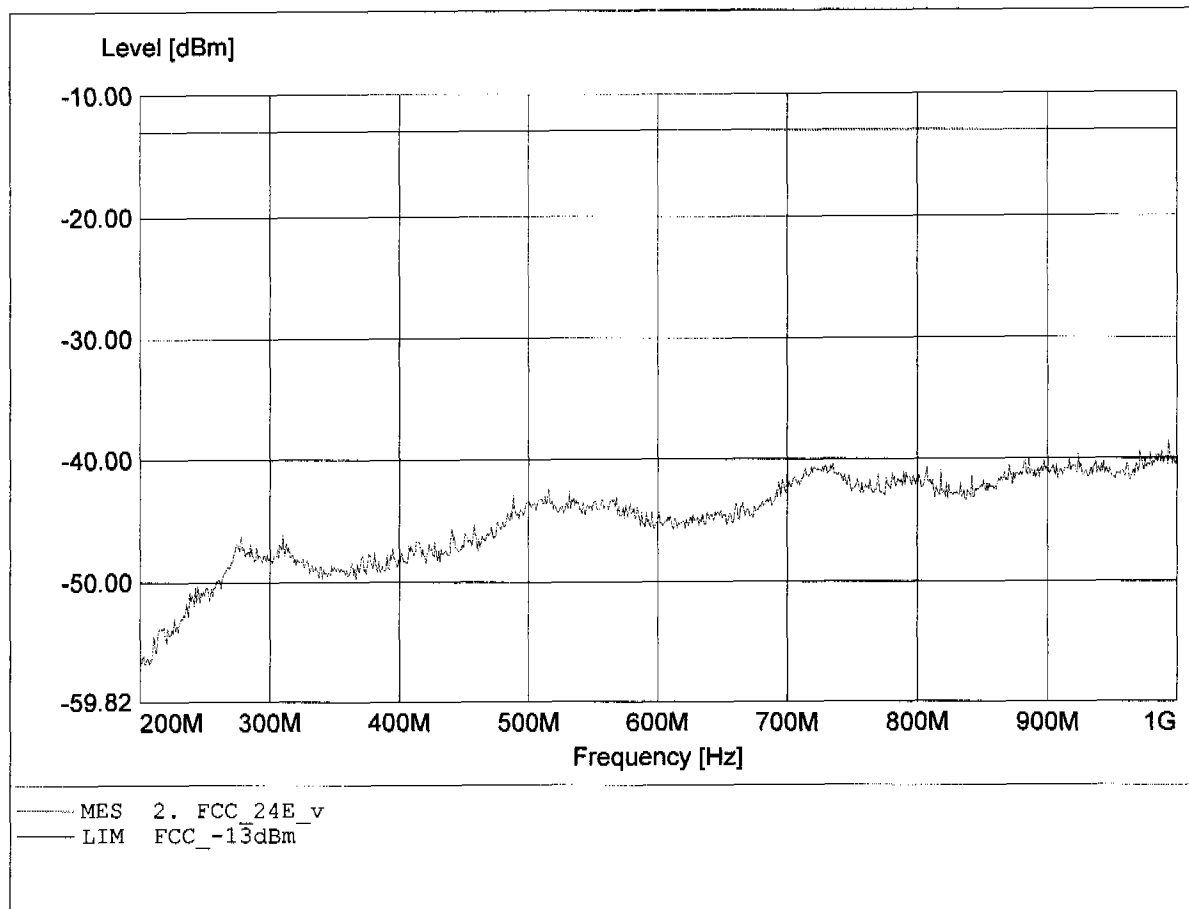
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 852.444MHz, Pmax: -73.58dBm, RBW: 1MHz



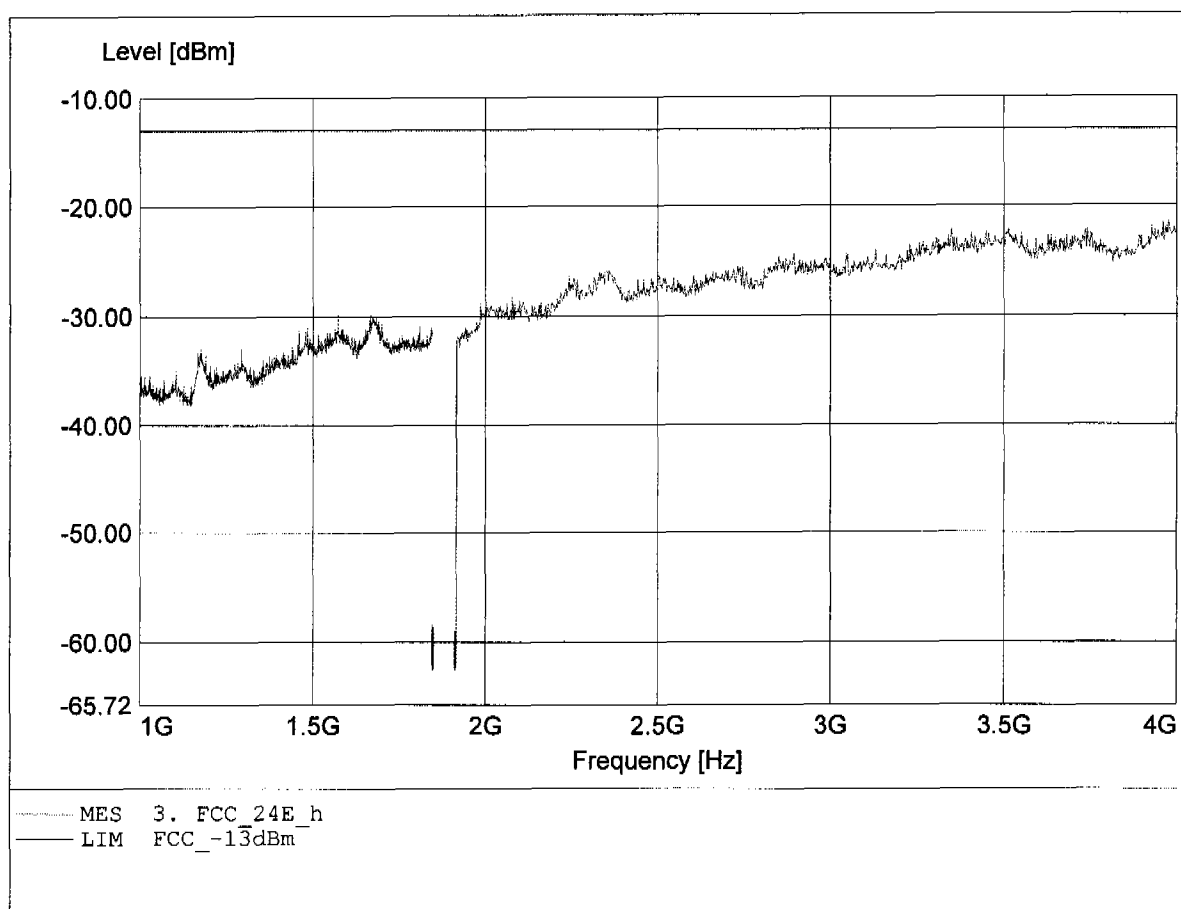
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 993.778MHz, Pmax: -38.61dBm, RBW: 1MHz



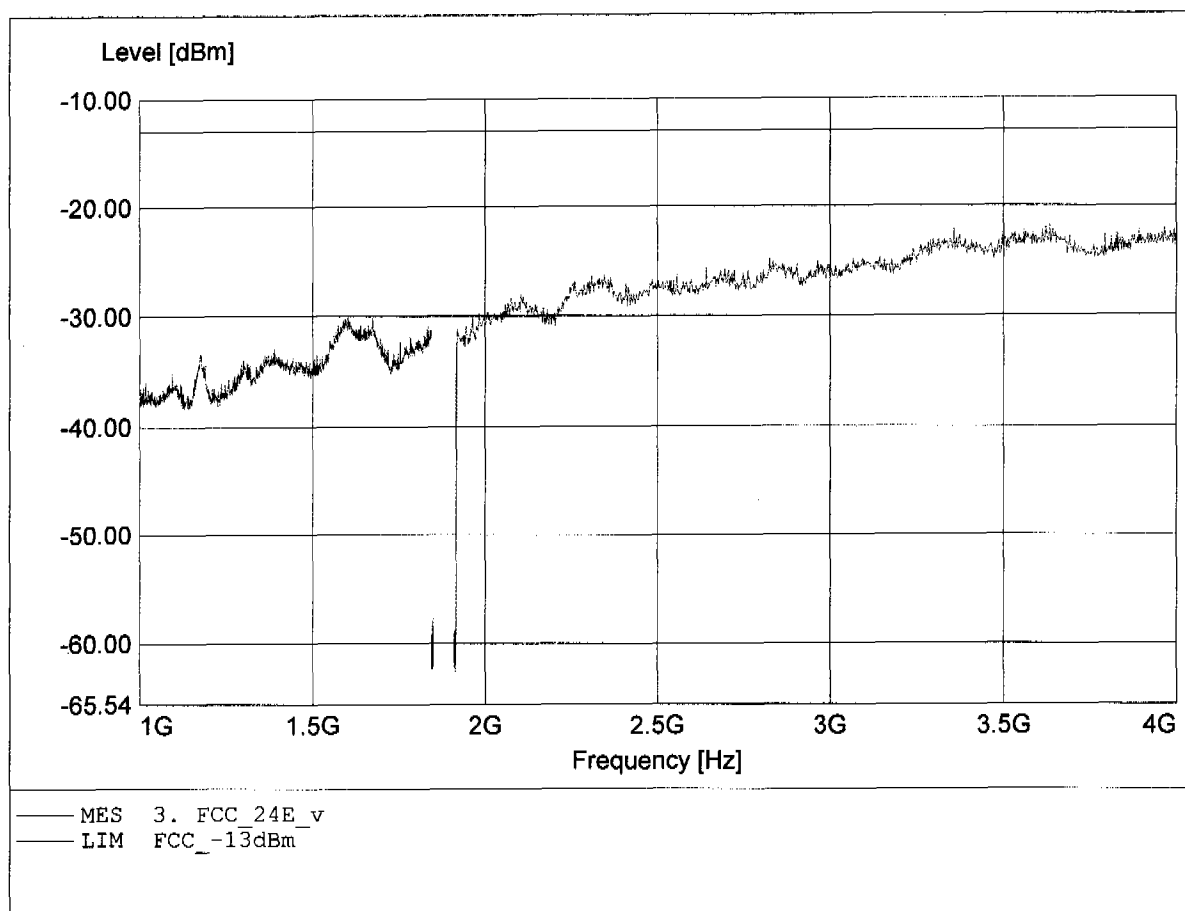
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 high autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.977GHz, Pmax: -21.45dBm, RBW: 1MHz/3kHz



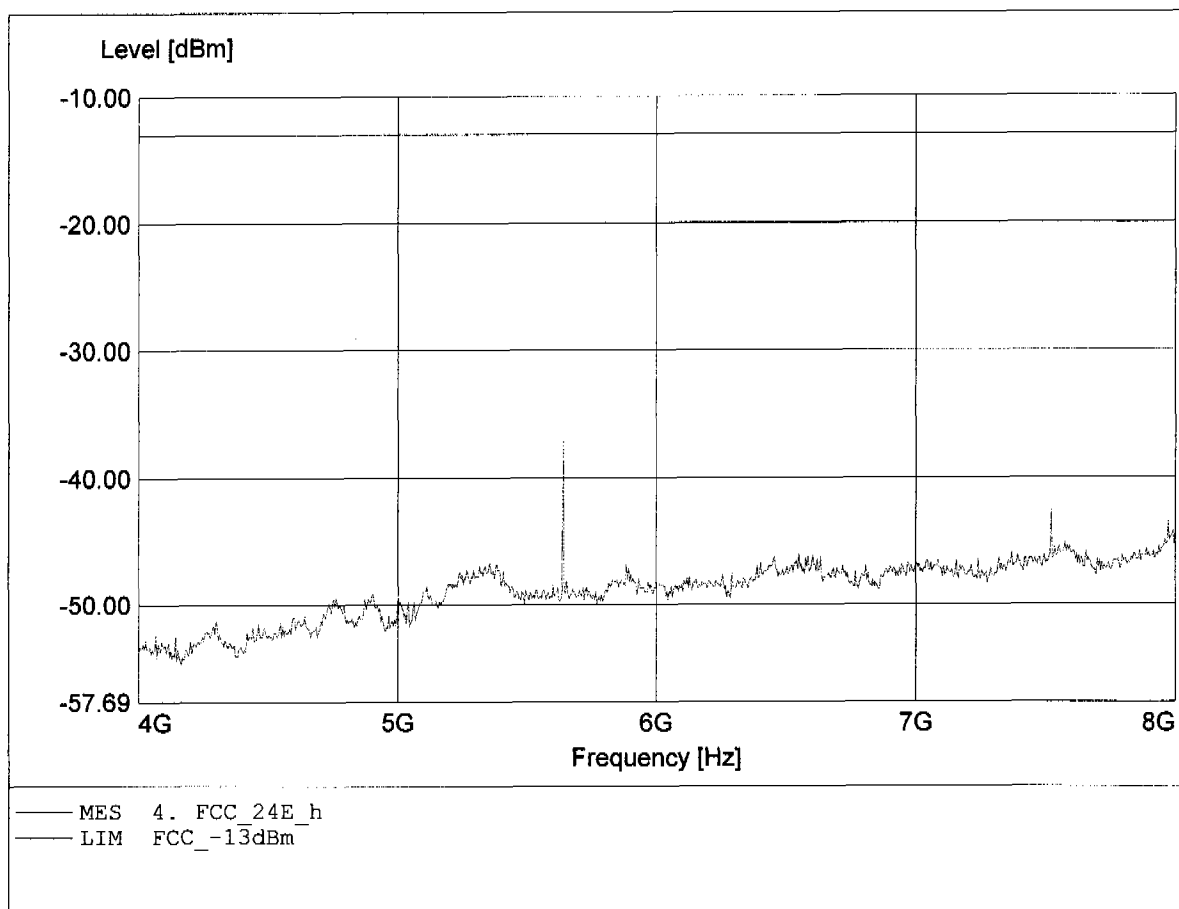
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 high autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.632GHz, Pmax: -21.82dBm, RBW: 1MHz/3kHz



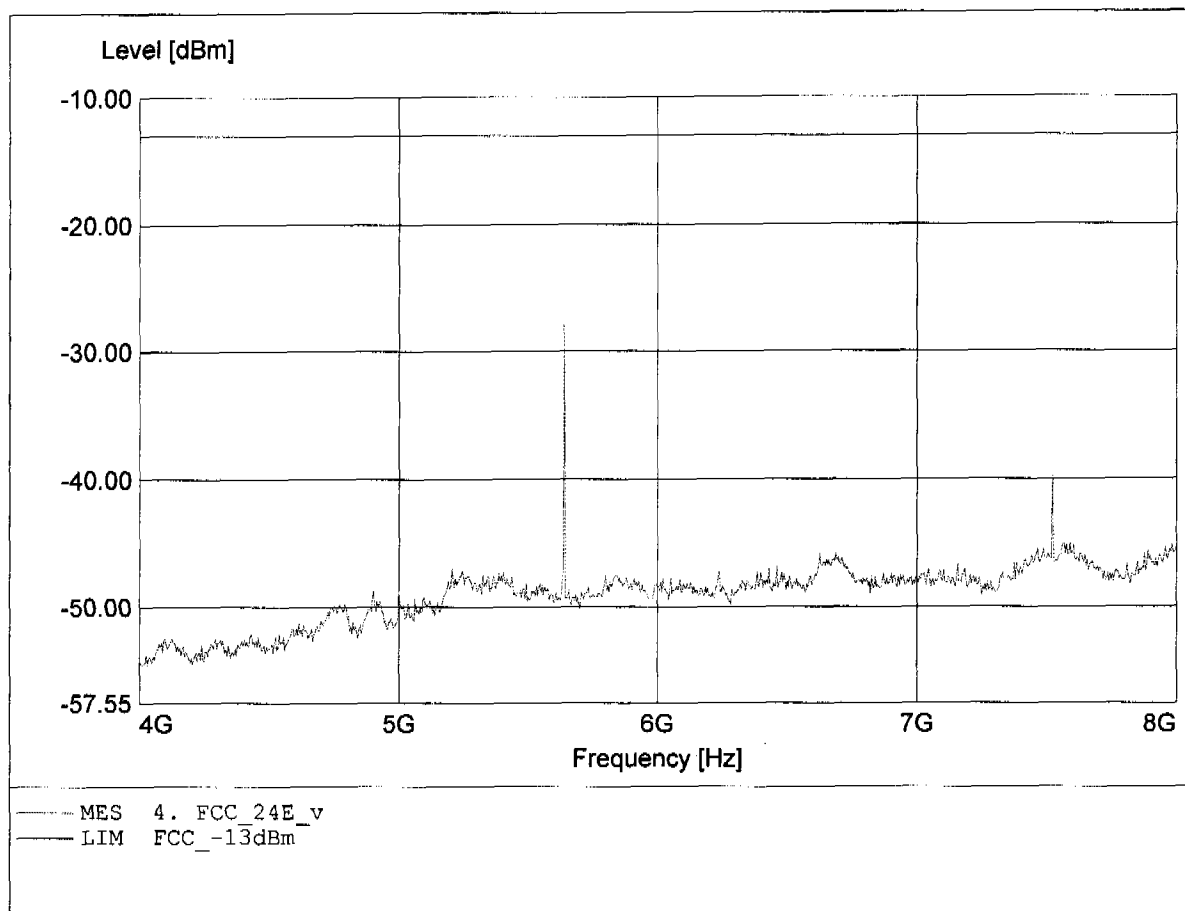
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.640GHz, Pmax: -37.15dBm, RBW: 1MHz



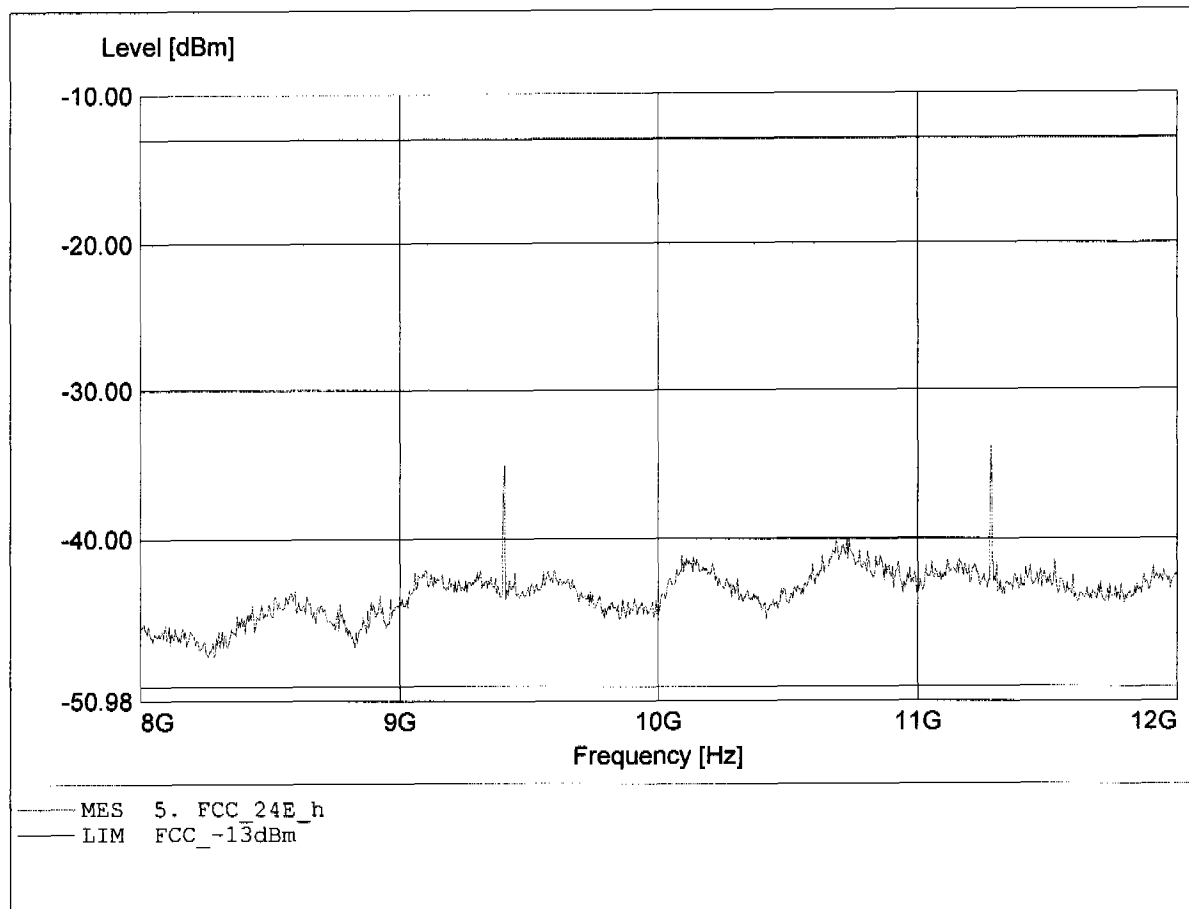
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.640GHz, Pmax: -27.93dBm, RBW: 1MHz



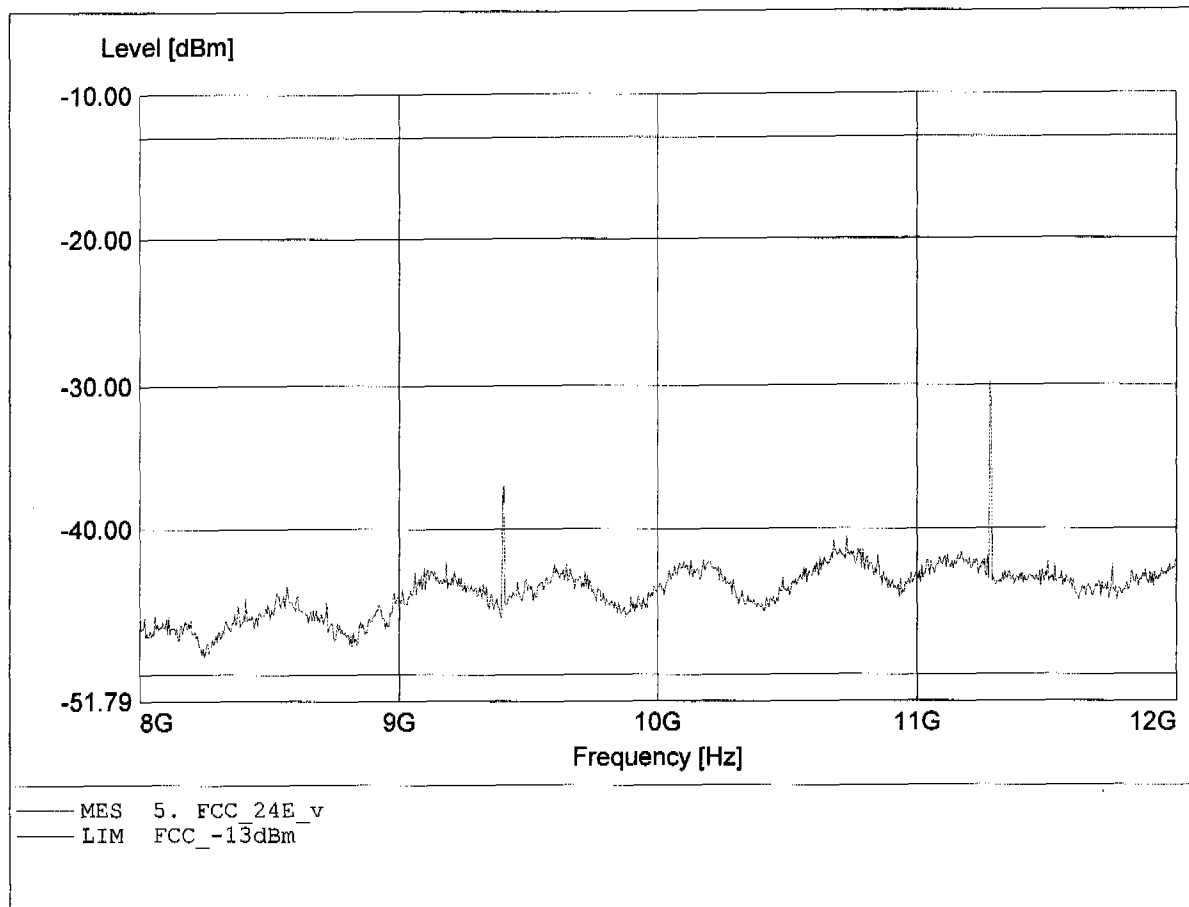
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.280GHz, Pmax: -33.80dBm, RBW: 1MHz



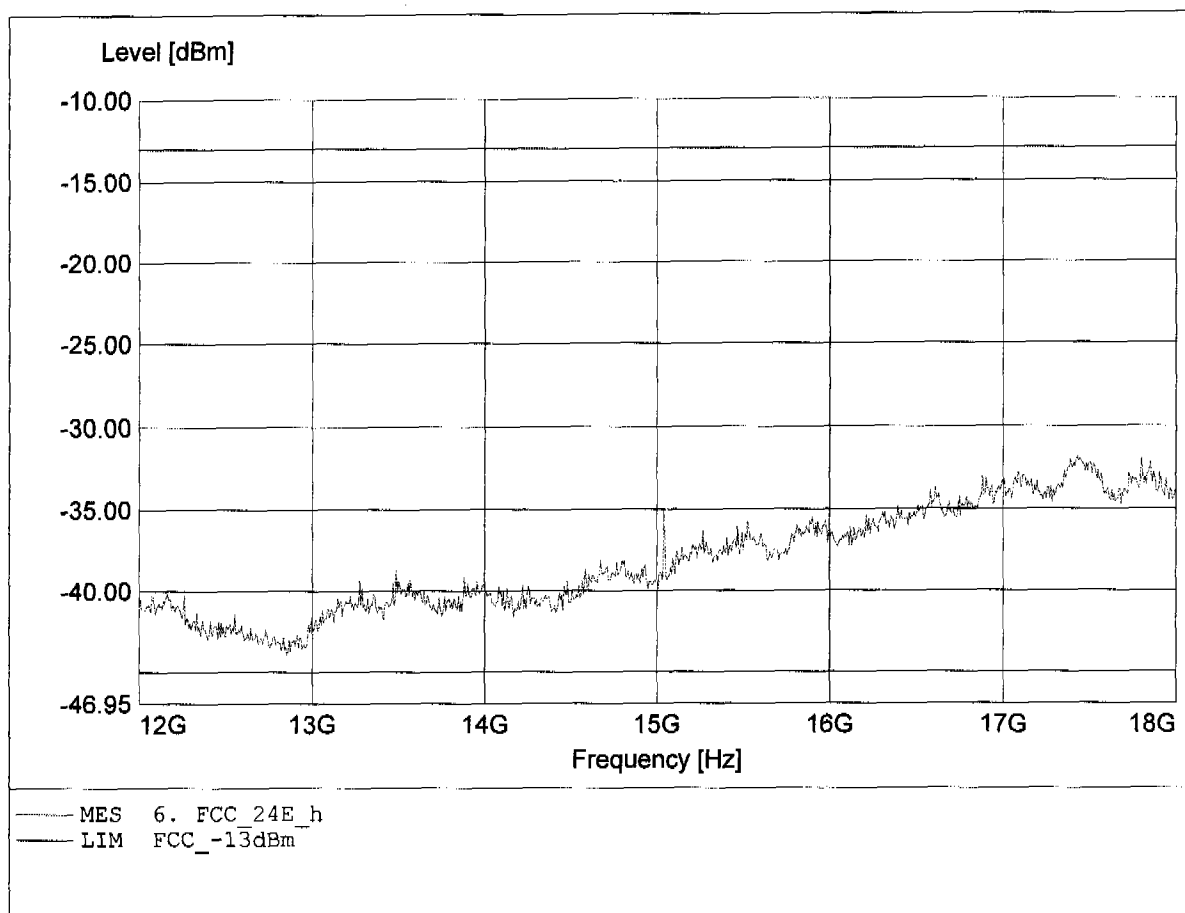
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.280GHz, Pmax: -29.83dBm, RBW: 1MHz



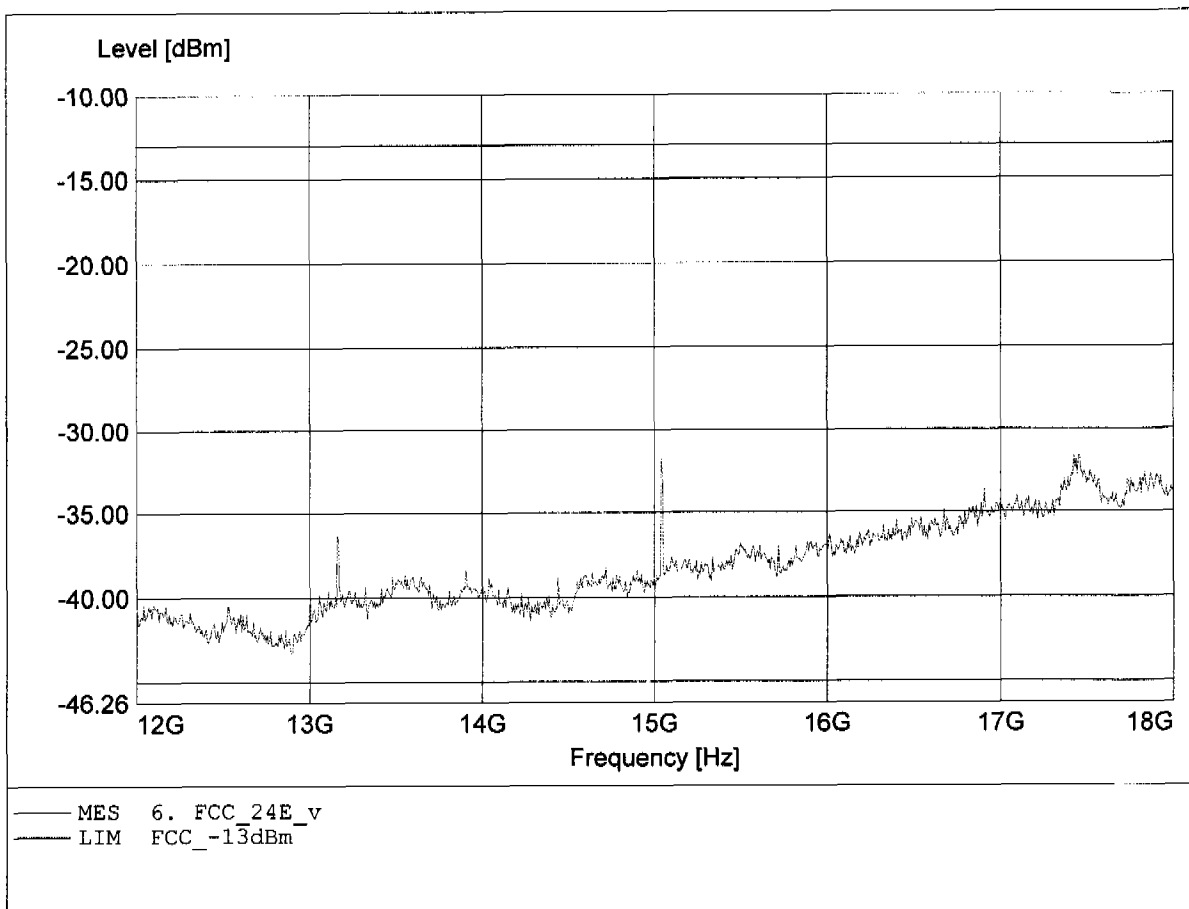
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -31.79dBm, RBW: 1MHz



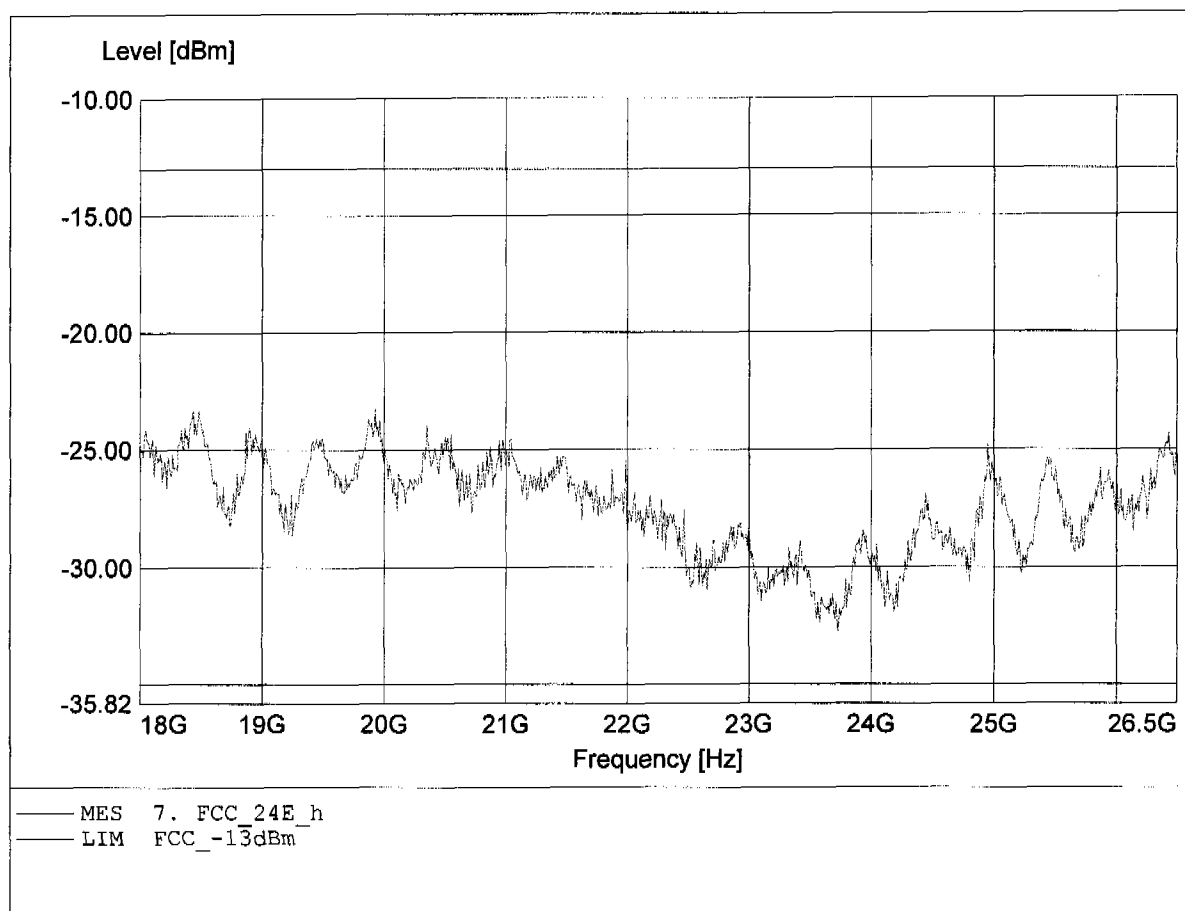
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.420GHz, Pmax: -31.57dBm, RBW: 1MHz



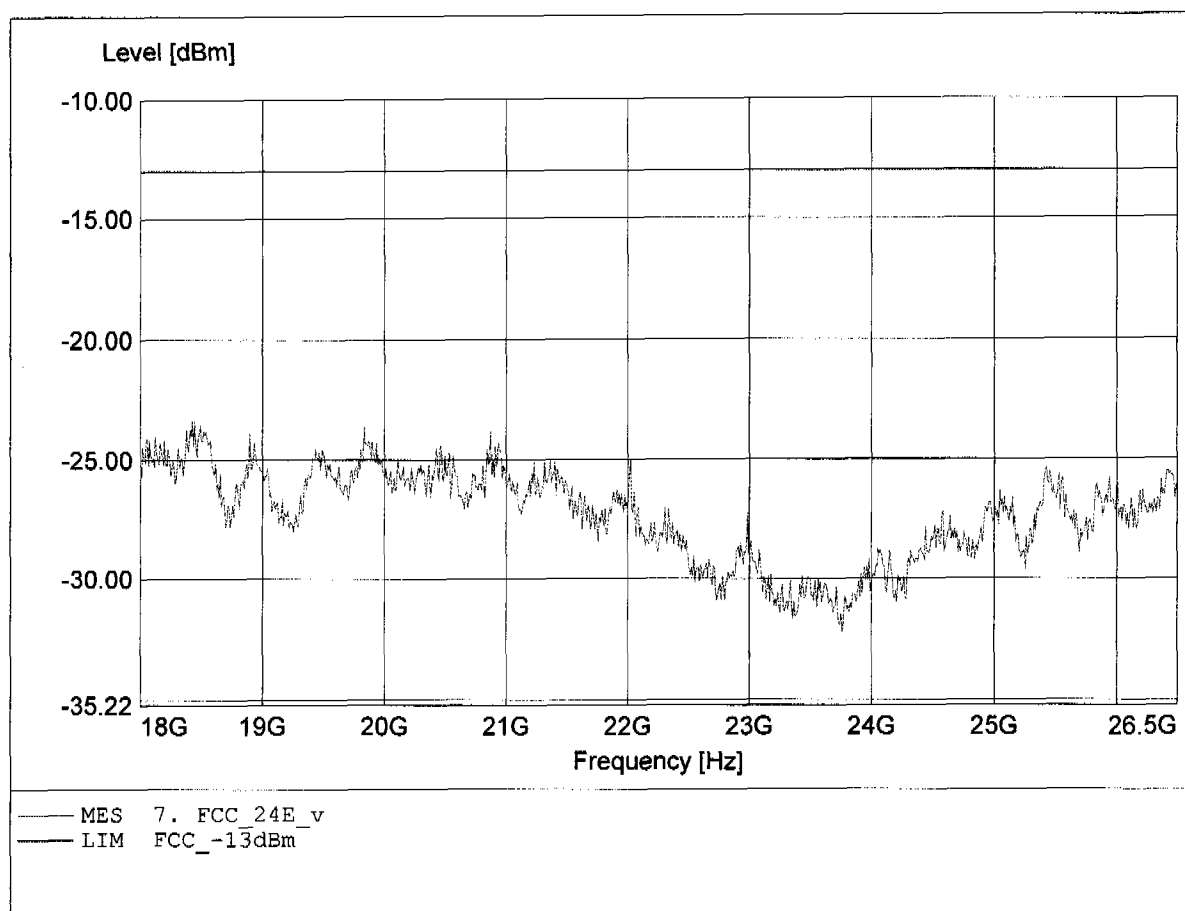
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 19.927GHz, Pmax: -23.18dBm, RBW: 1MHz



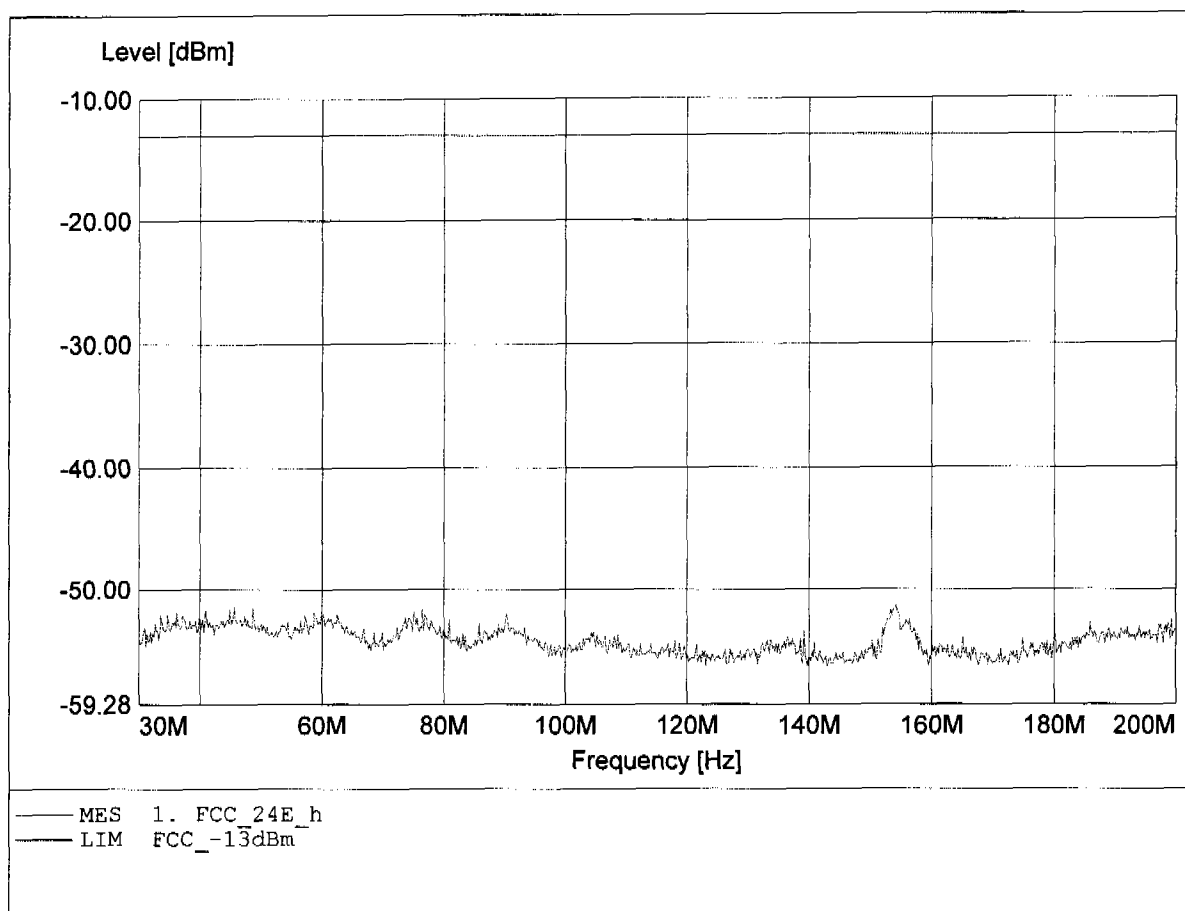
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 661
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.444GHz, Pmax: -23.36dBm, RBW: 1MHz



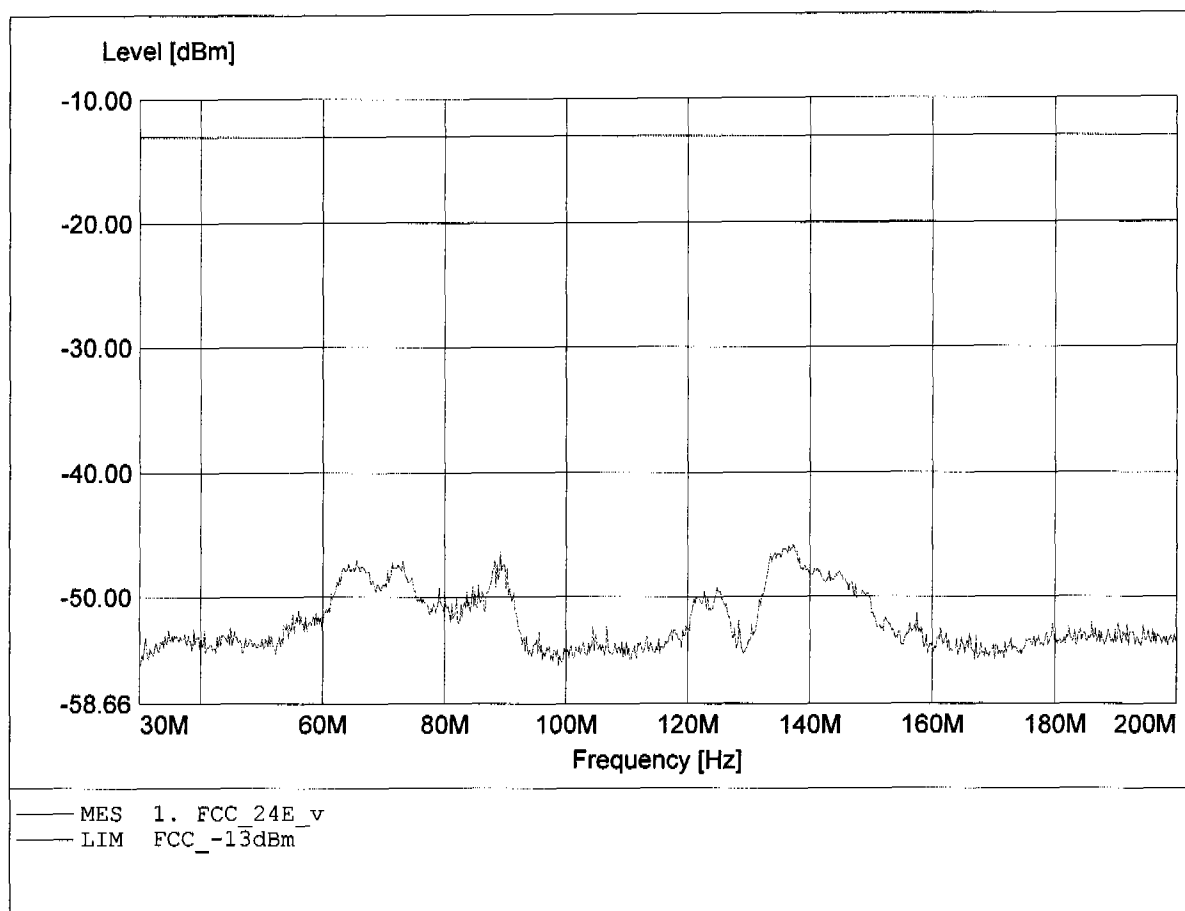
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 154.289MHz, Pmax: -51.34dBm, RBW: 1MHz



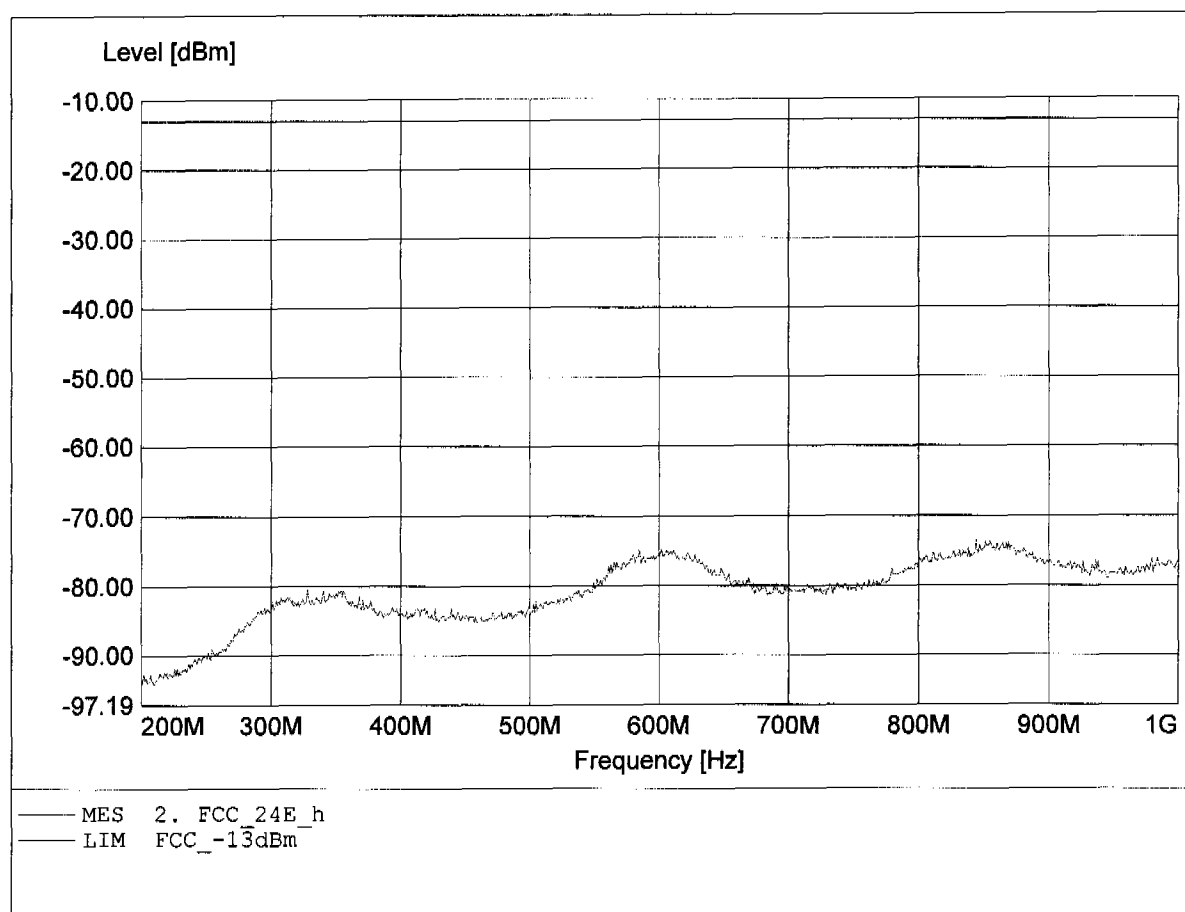
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 137.289MHz, Pmax: -45.80dBm, RBW: 1MHz



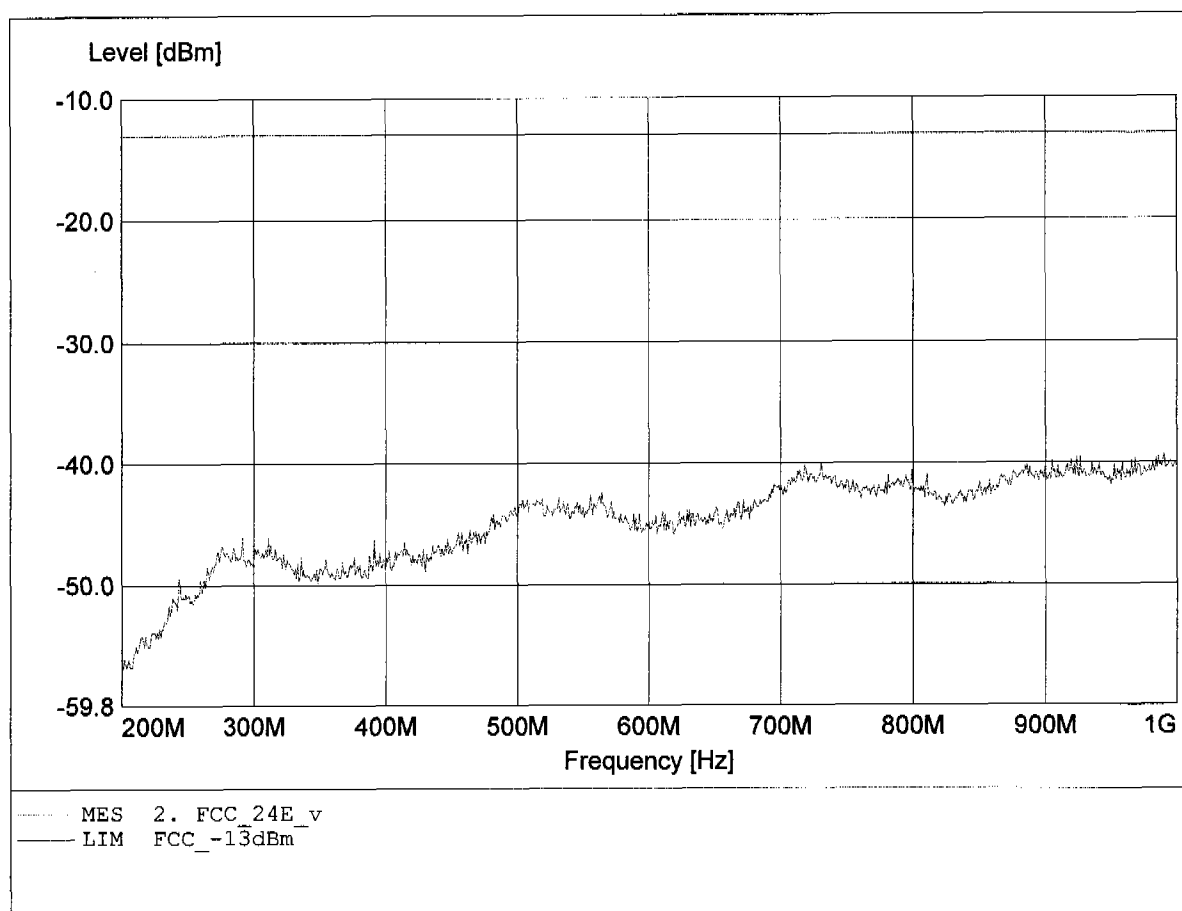
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 844.444MHz, Pmax: -73.24dBm, RBW: 1MHz



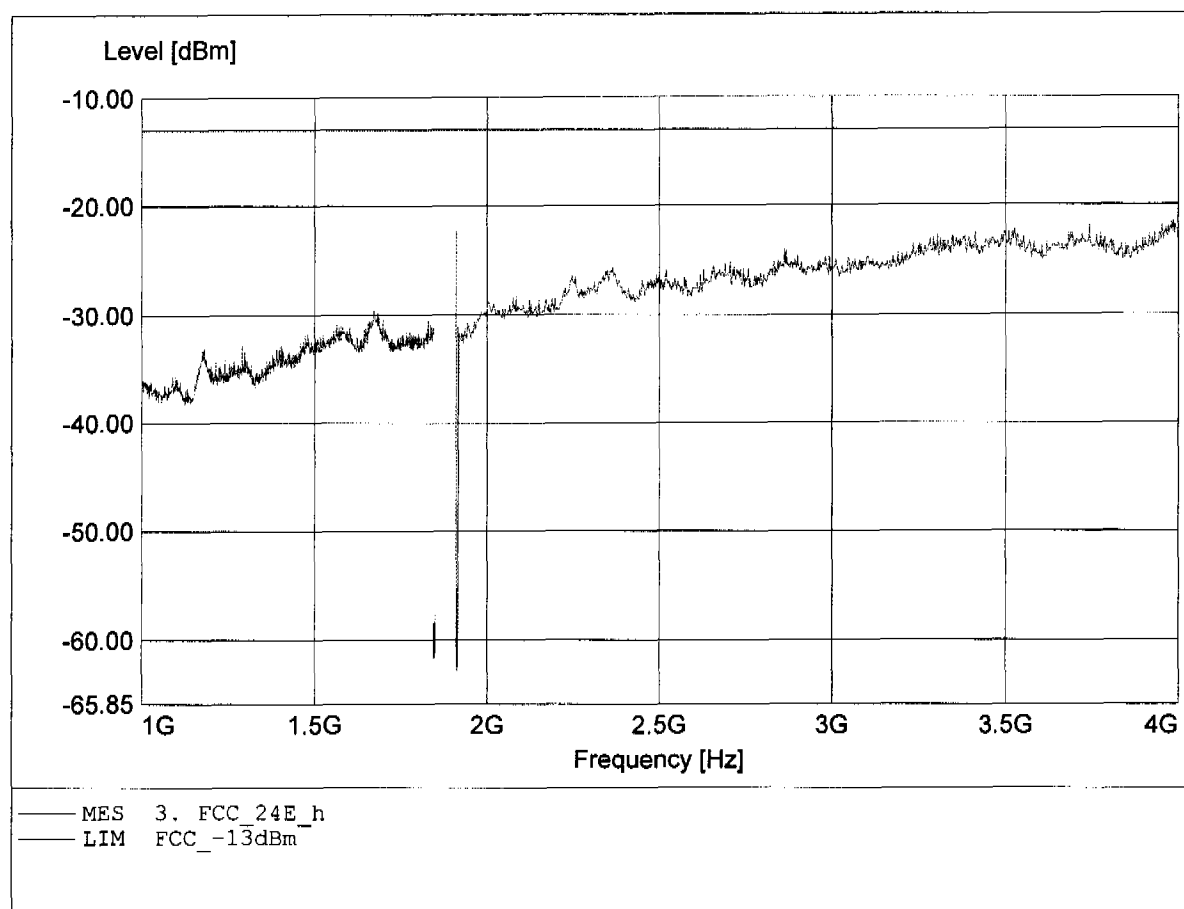
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 990.222MHz, Pmax: -39.36dBm, RBW: 1MHz



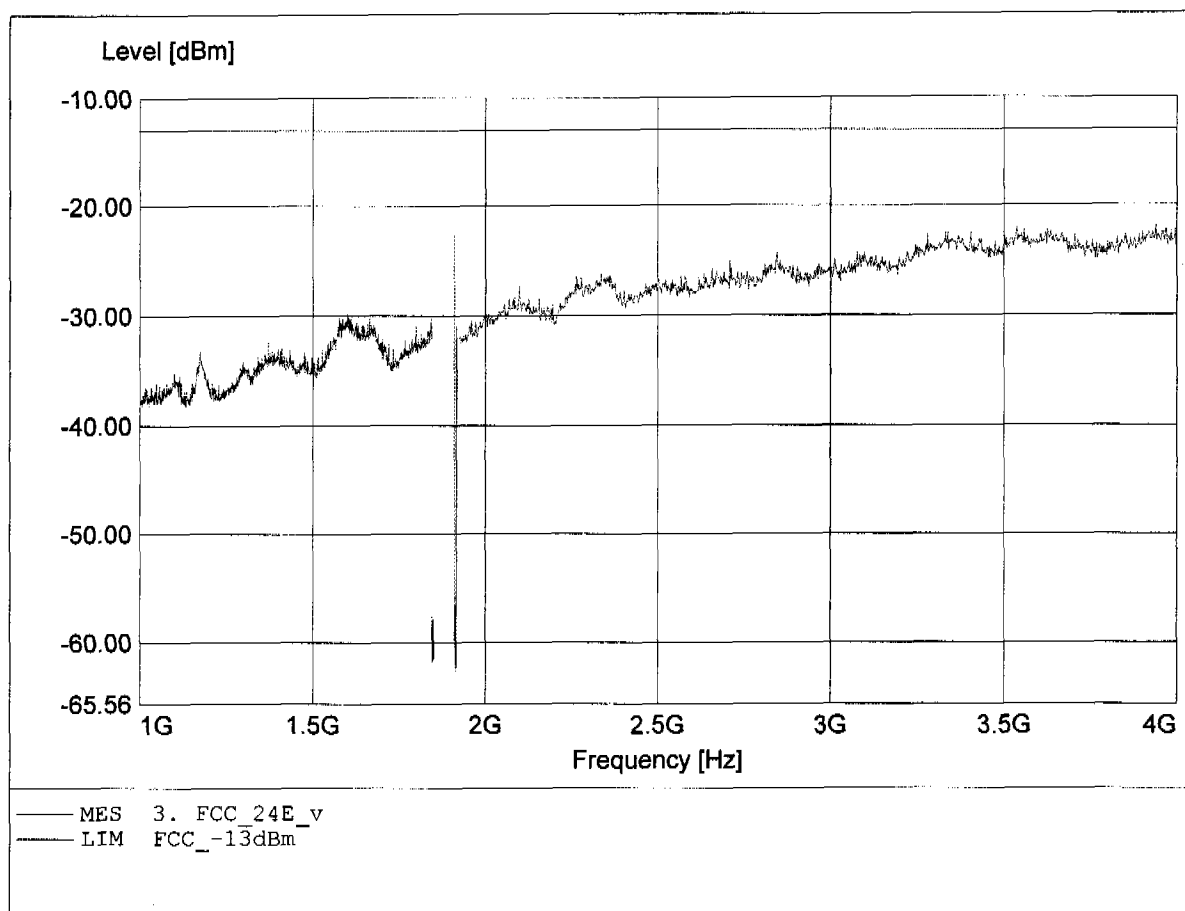
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.986GHz, Pmax: -21.47dBm, RBW: 1MHz/3kHz



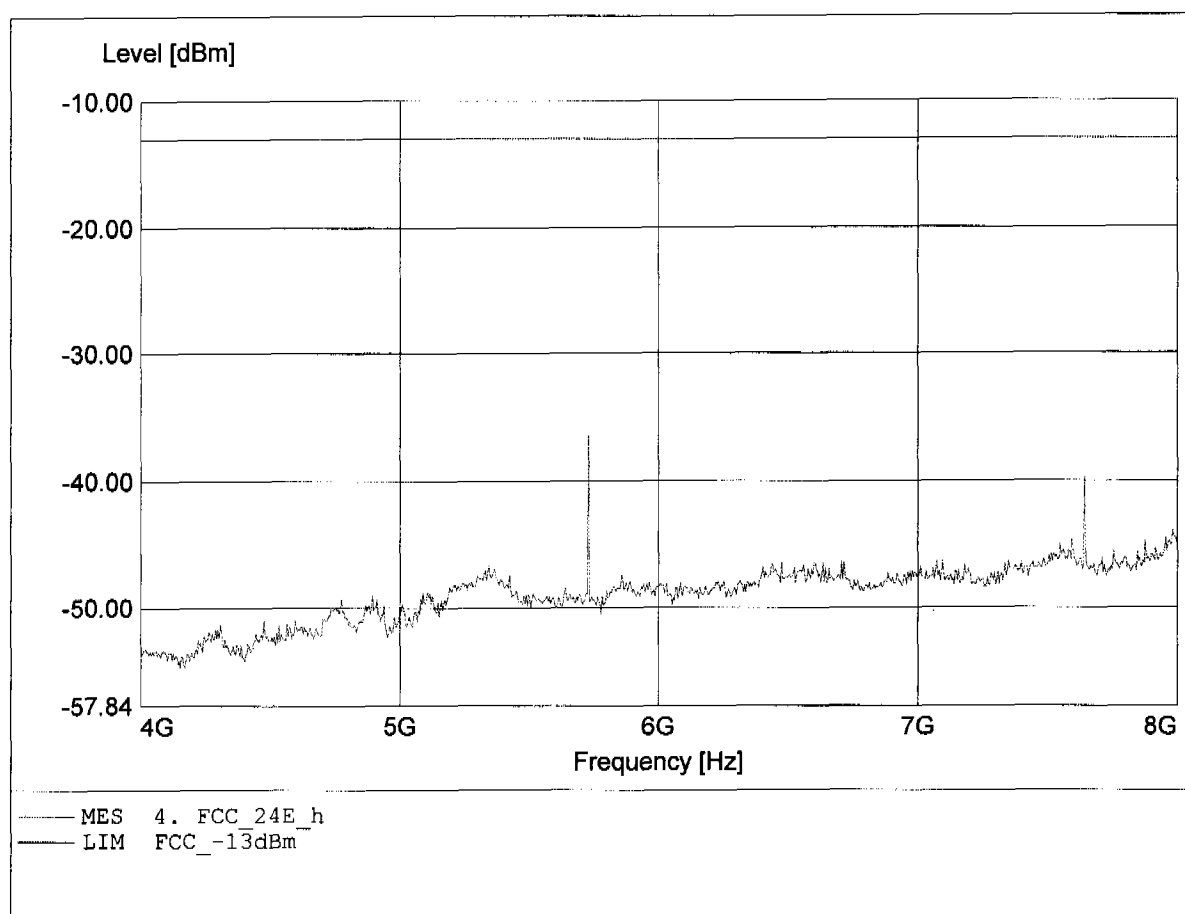
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.940GHz, Pmax: -21.74dBm, RBW: 1MHz/3kHz



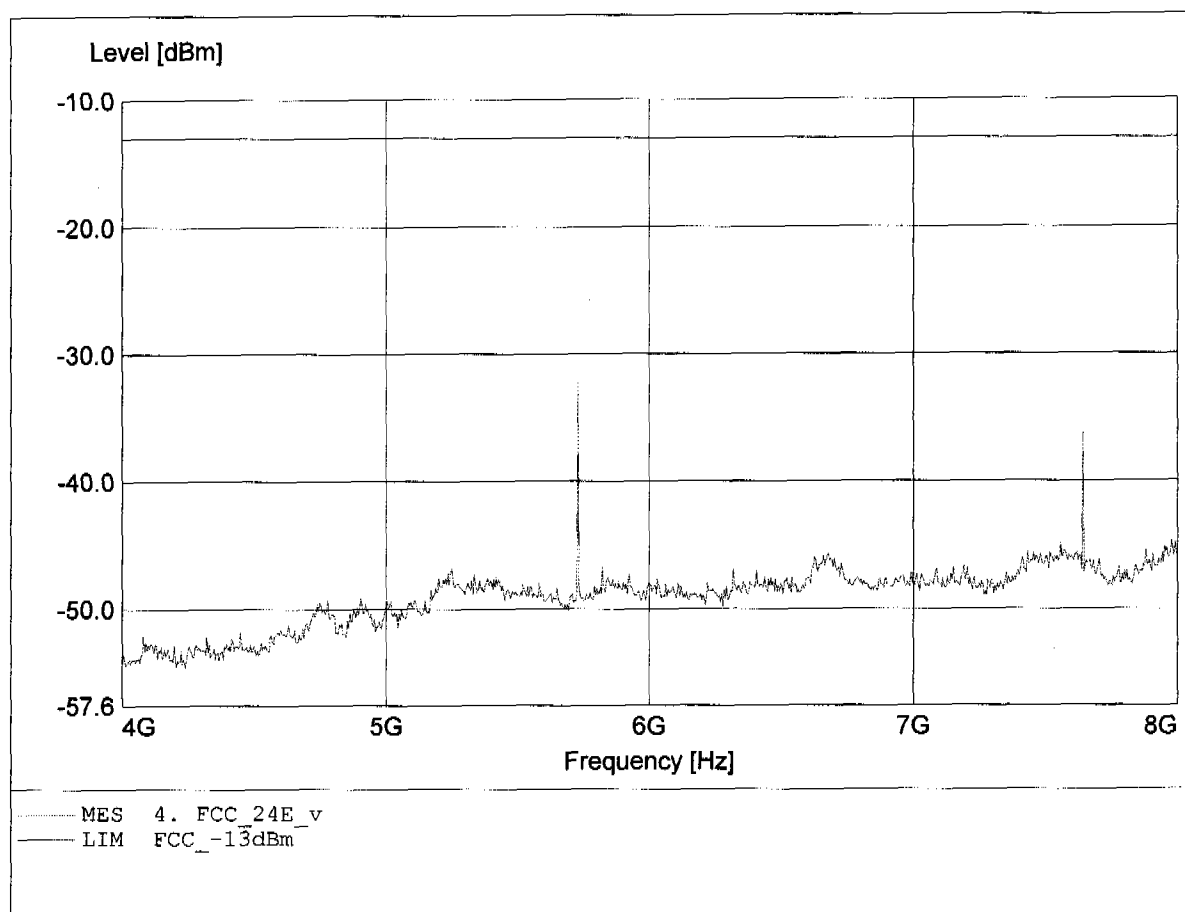
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.729GHz, Pmax: -36.29dBm, RBW: 1MHz



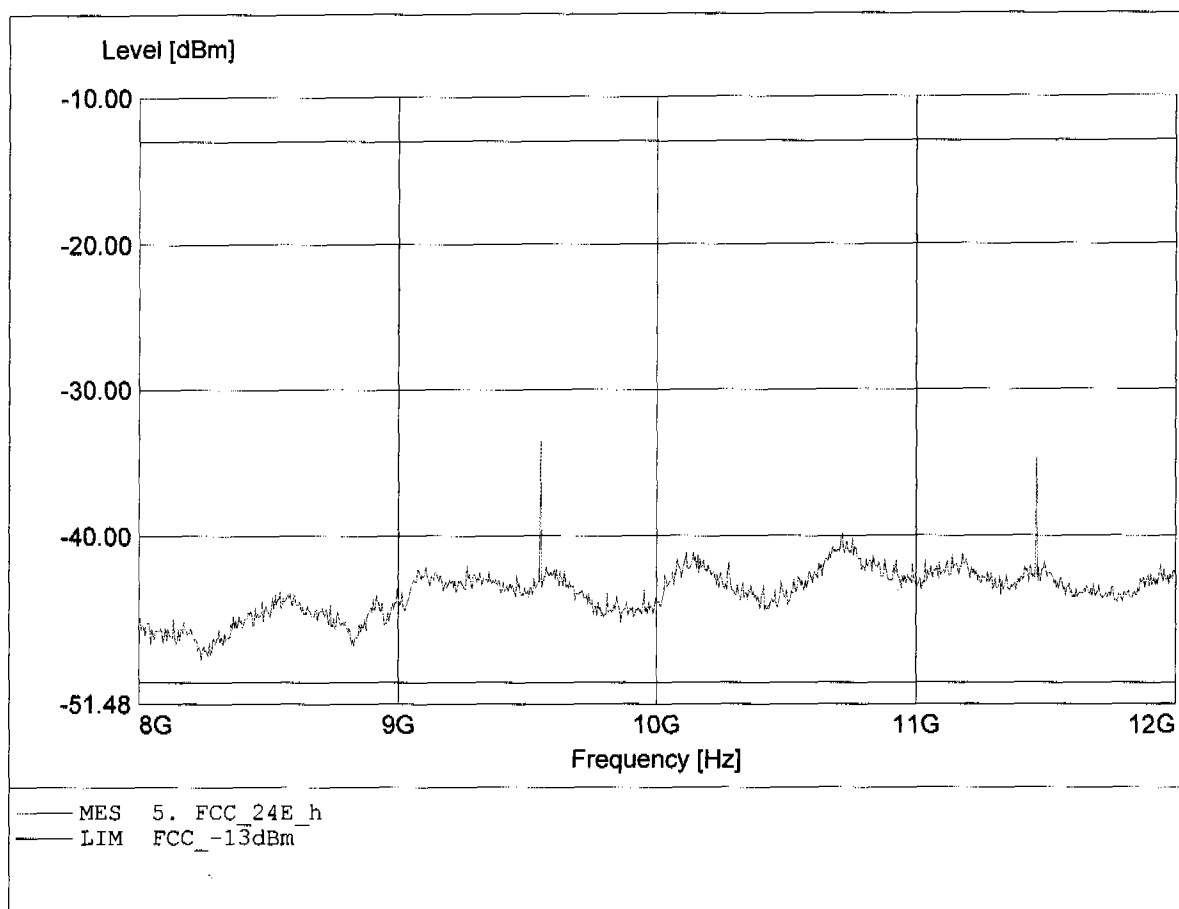
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.729GHz, Pmax: -32.23dBm, RBW: 1MHz



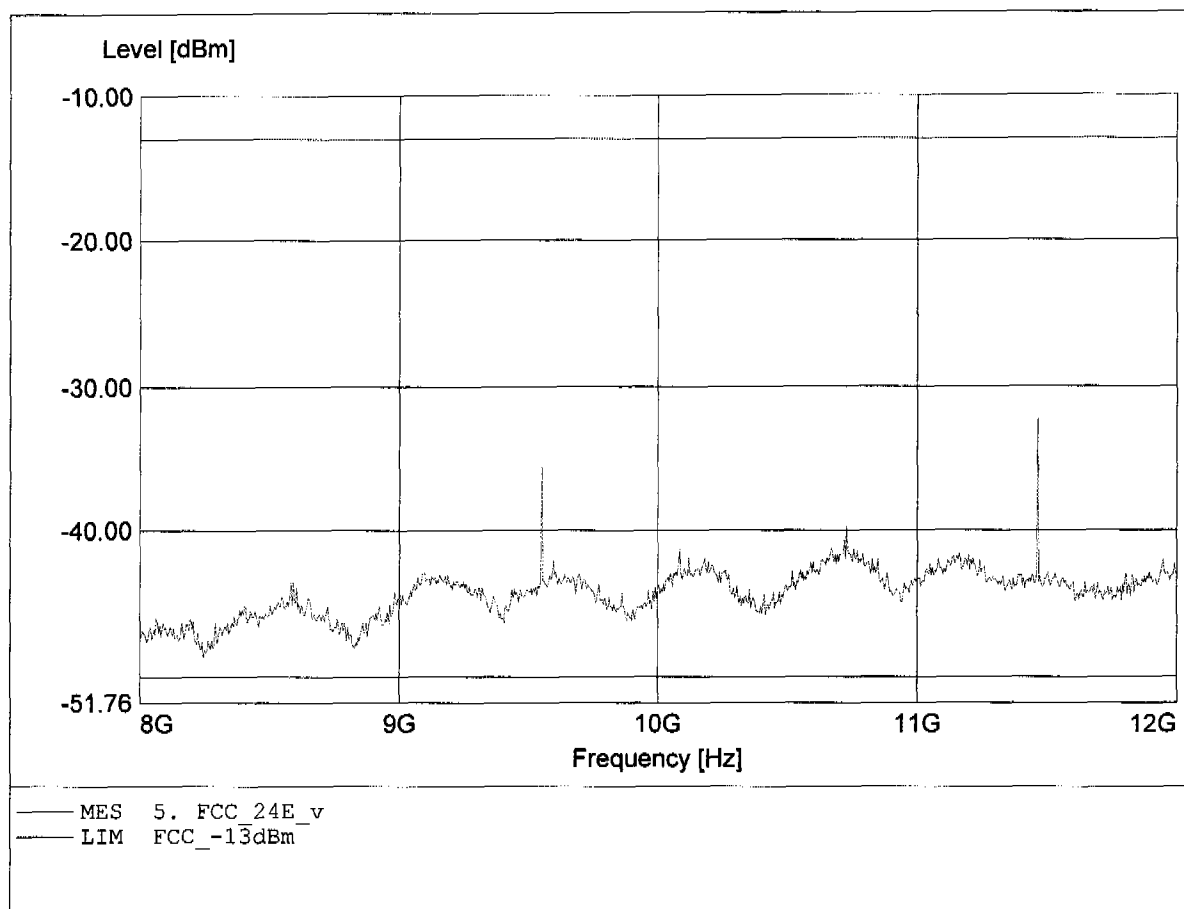
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -33.56dBm, RBW: 1MHz



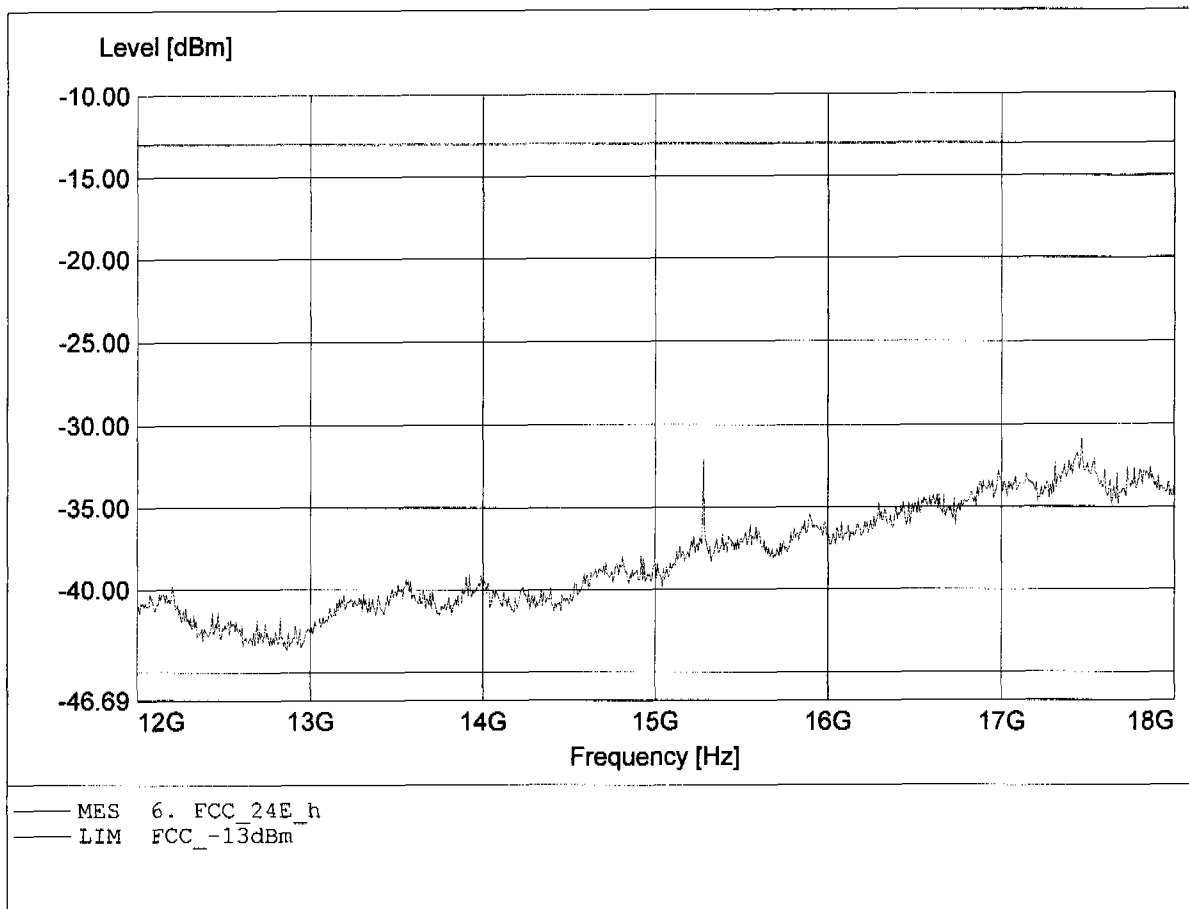
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.462GHz, Pmax: -32.25dBm, RBW: 1MHz



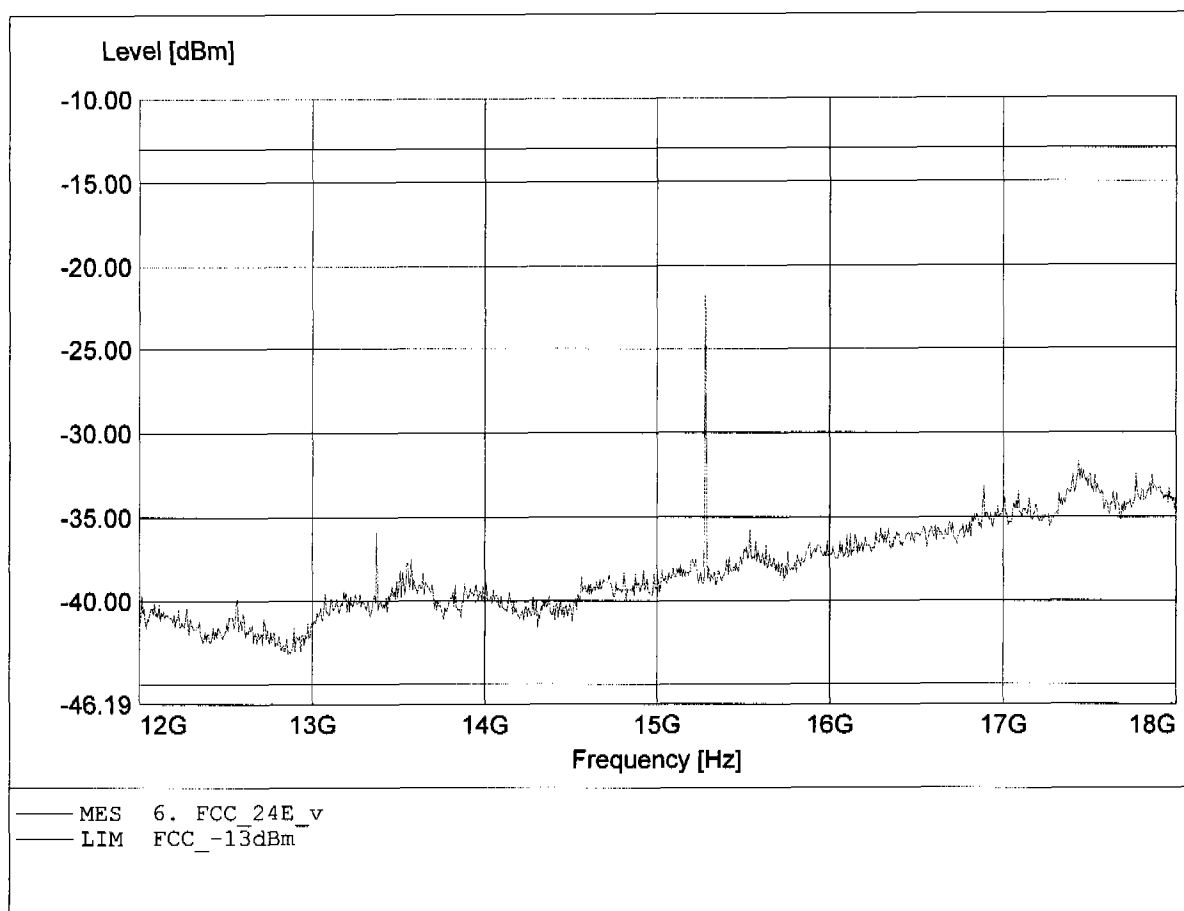
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.460GHz, Pmax: -30.85dBm, RBW: 1MHz



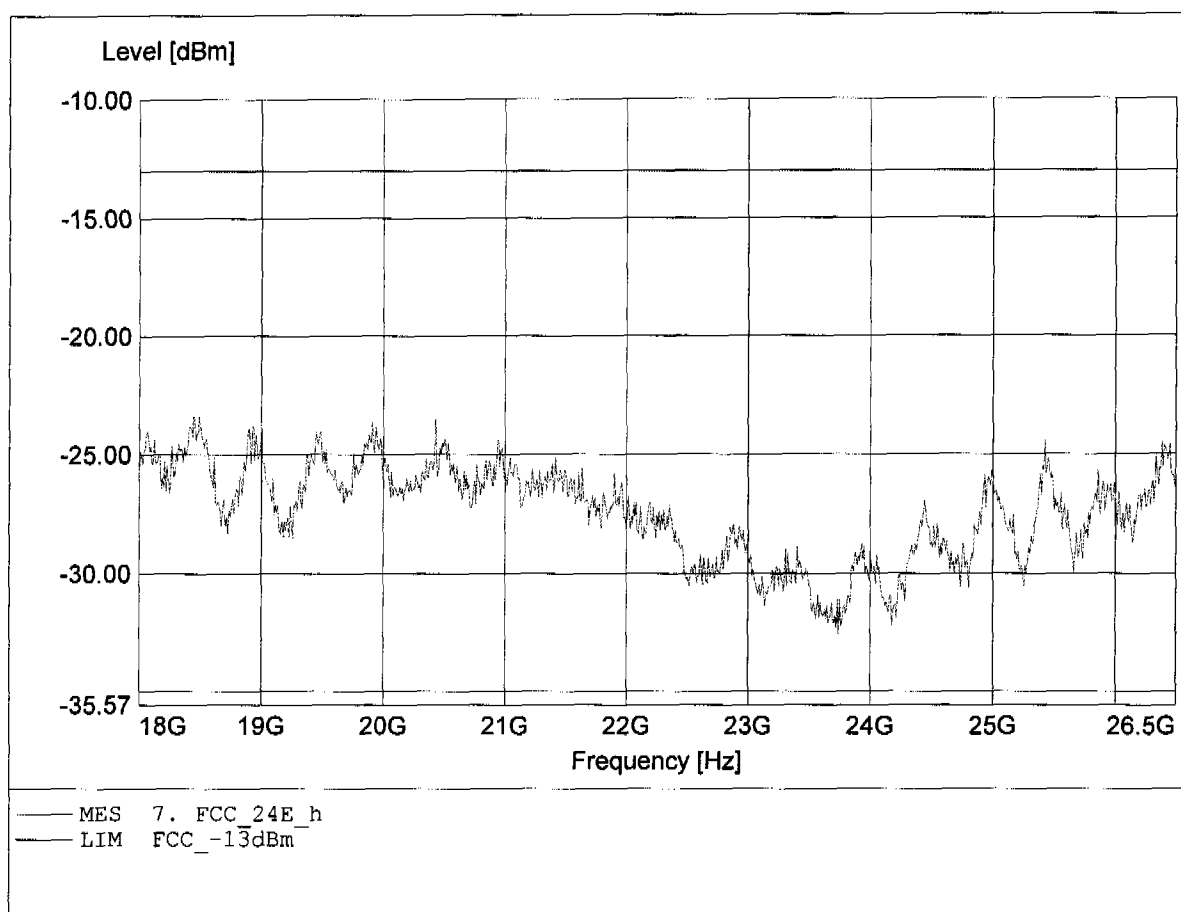
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 15.280GHz, Pmax: -21.82dBm, RBW: 1MHz



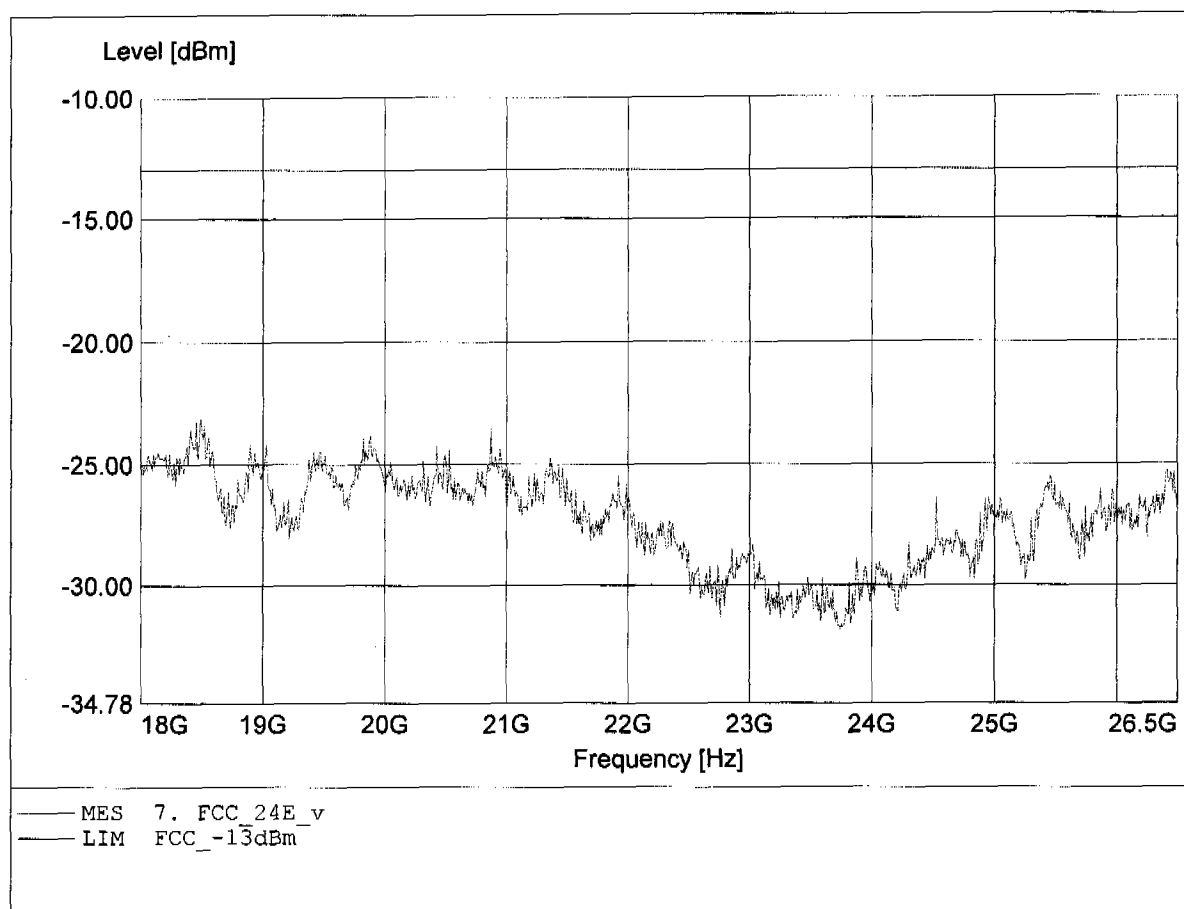
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.444GHz, Pmax: -23.39dBm, RBW: 1MHz



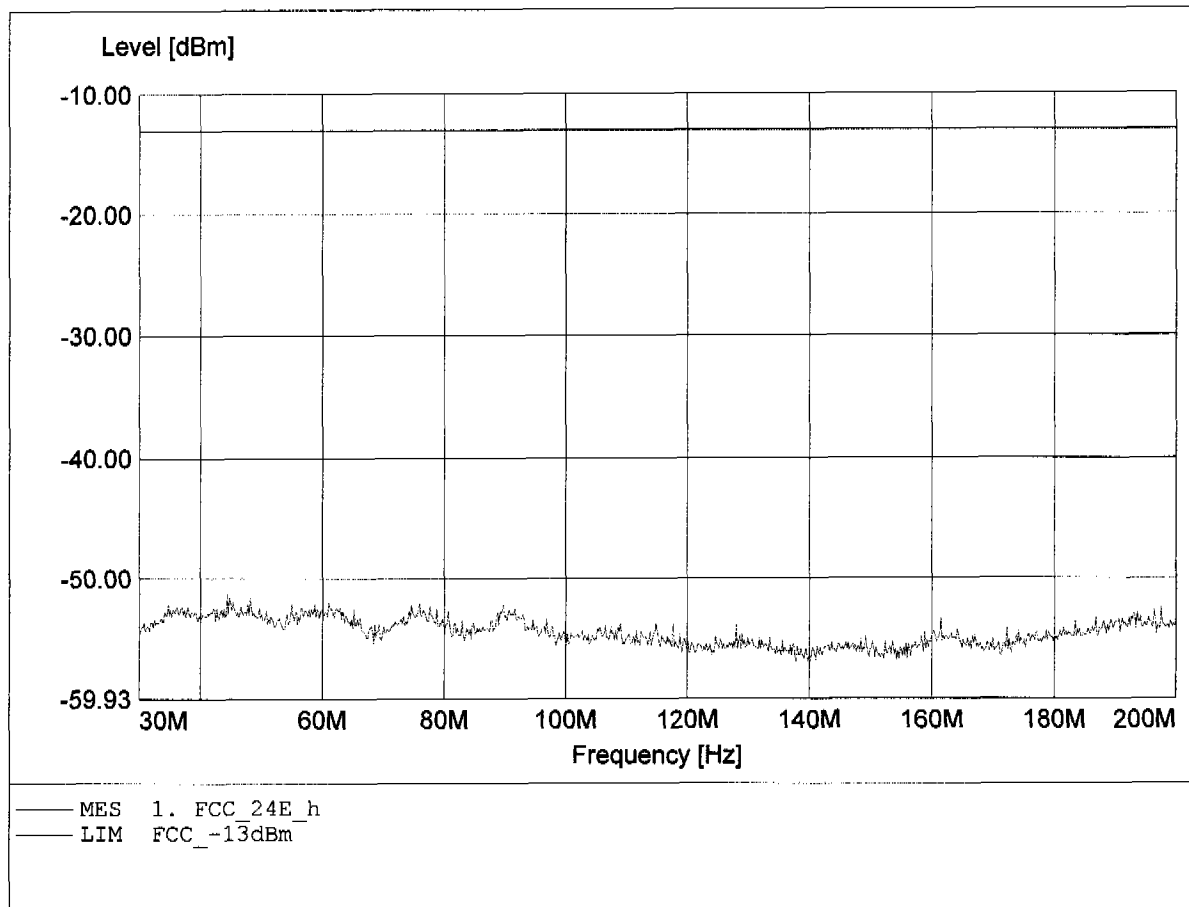
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Applicant: SAGEM SA
EUT/ Model: GSM/GPRS Network terminator / RT3000 high autonomy
Cannel: 810
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.491GHz, Pmax: -23.16dBm, RBW: 1MHz



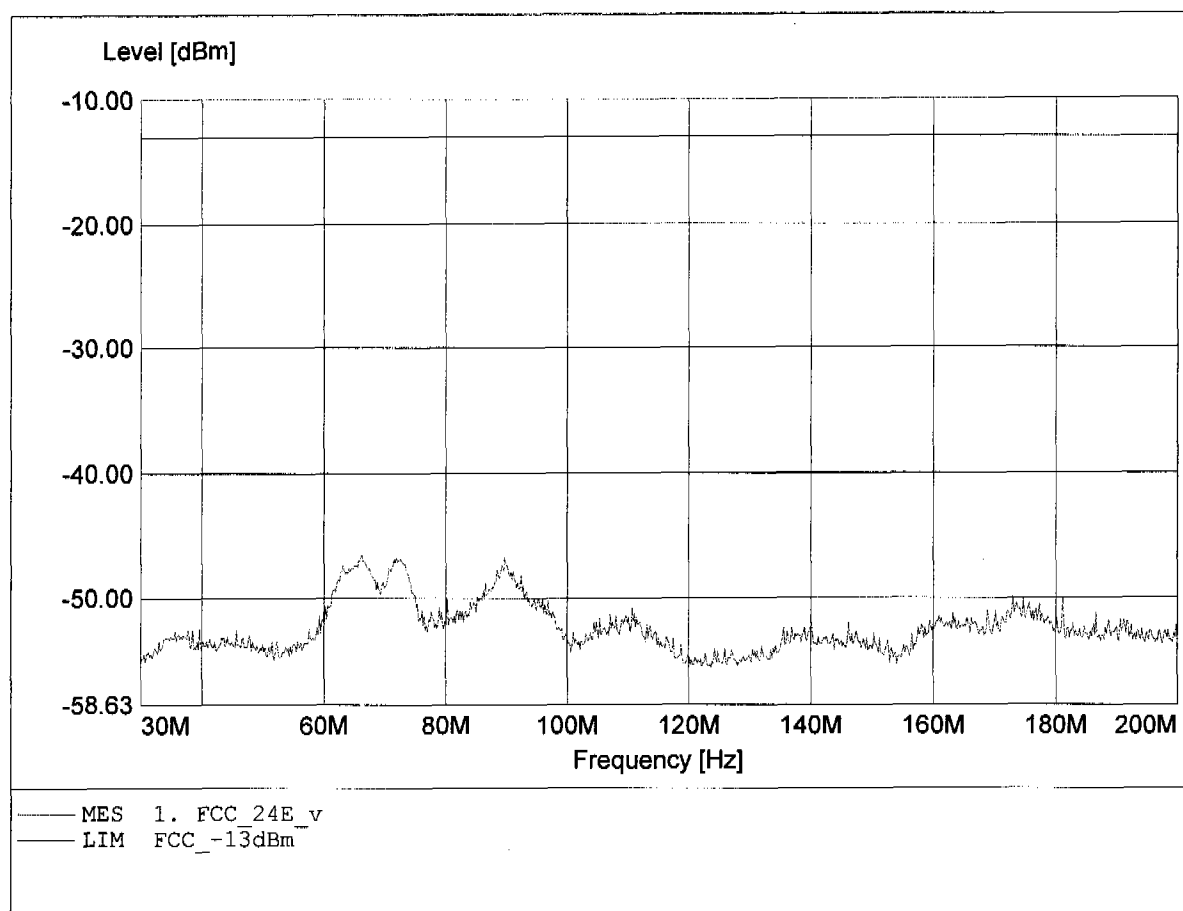
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.356MHz, Pmax: -51.25dBm, RBW: 1MHz



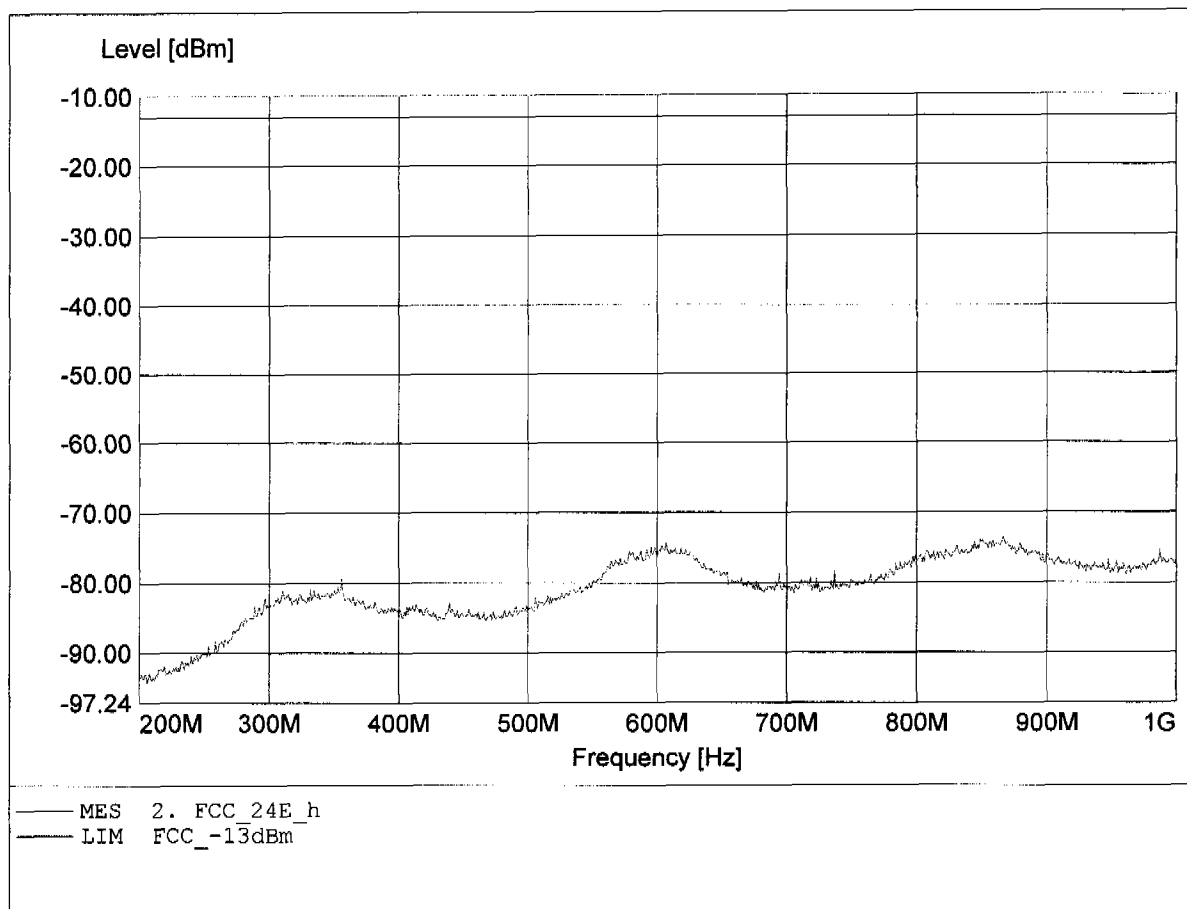
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 66.267MHz, Pmax: -46.50dBm, RBW: 1MHz



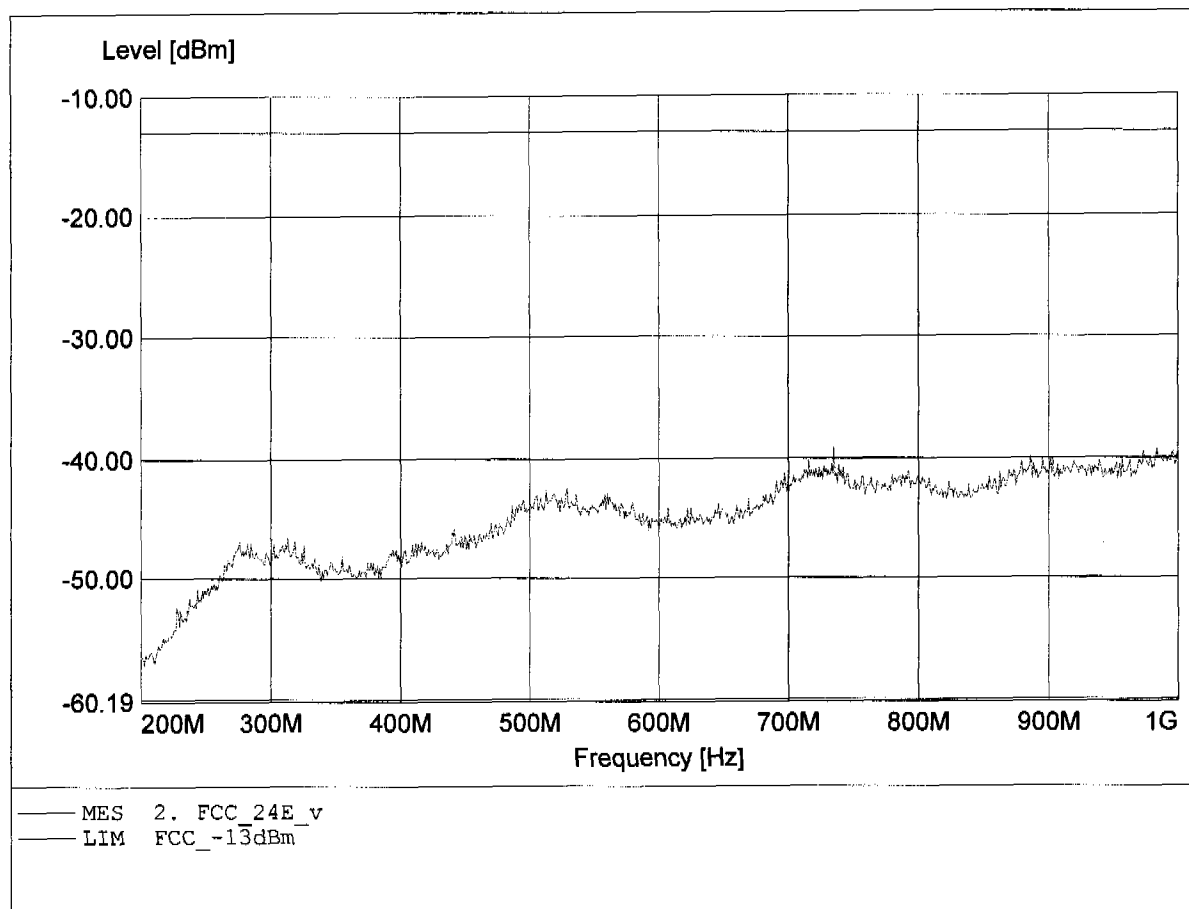
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 866.667MHz, Pmax: -73.55dBm, RBW: 1MHz



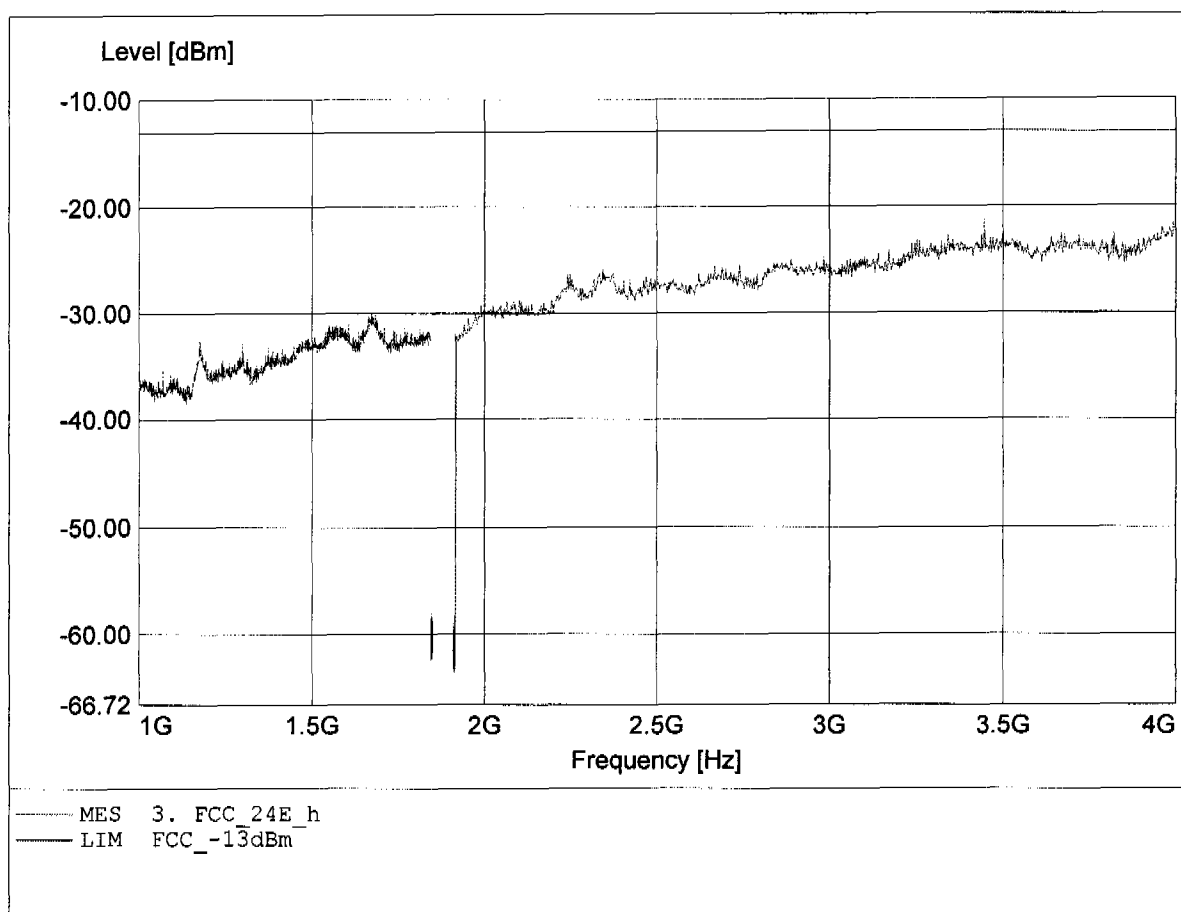
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 735.111MHz, Pmax: -39.14dBm, RBW: 1MHz



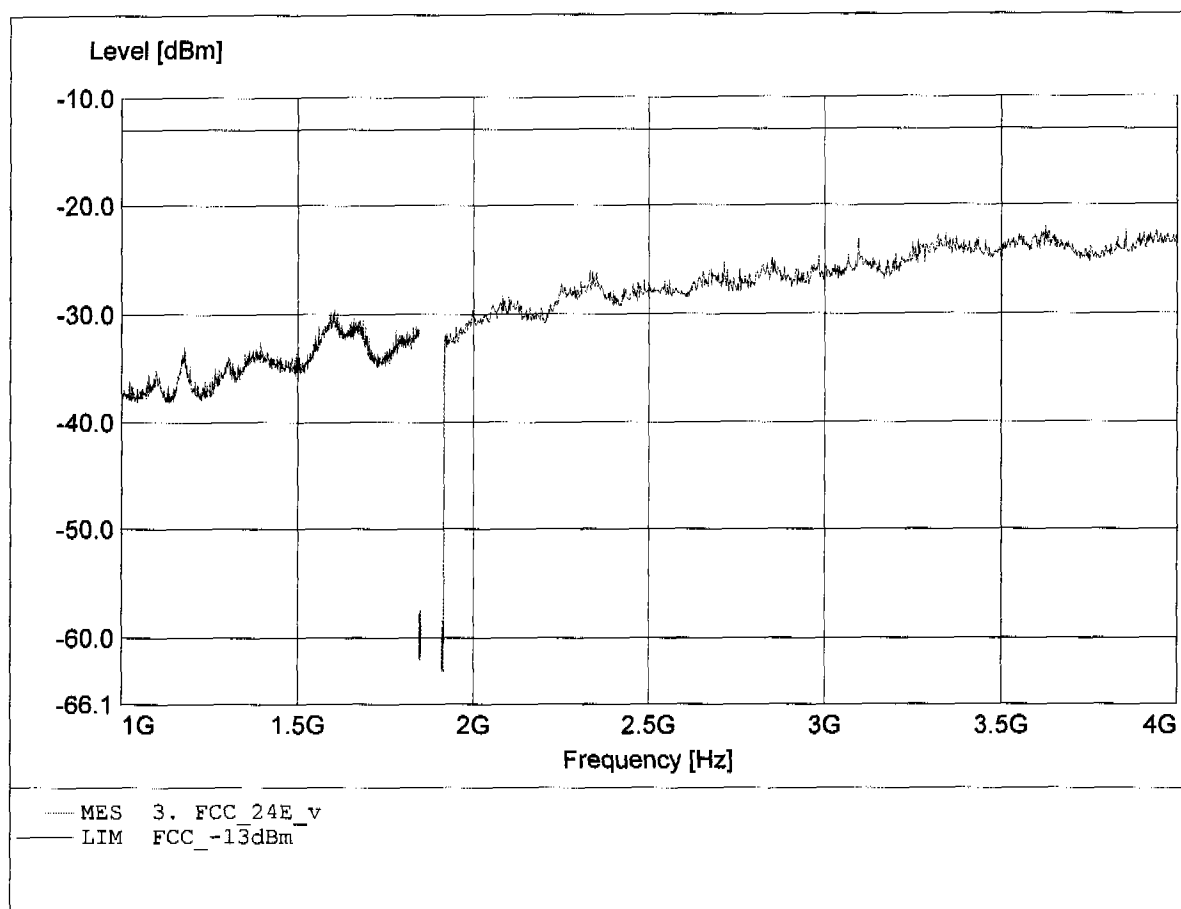
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.446GHz, Pmax: -21.33dBm, RBW: 1MHz/3kHz



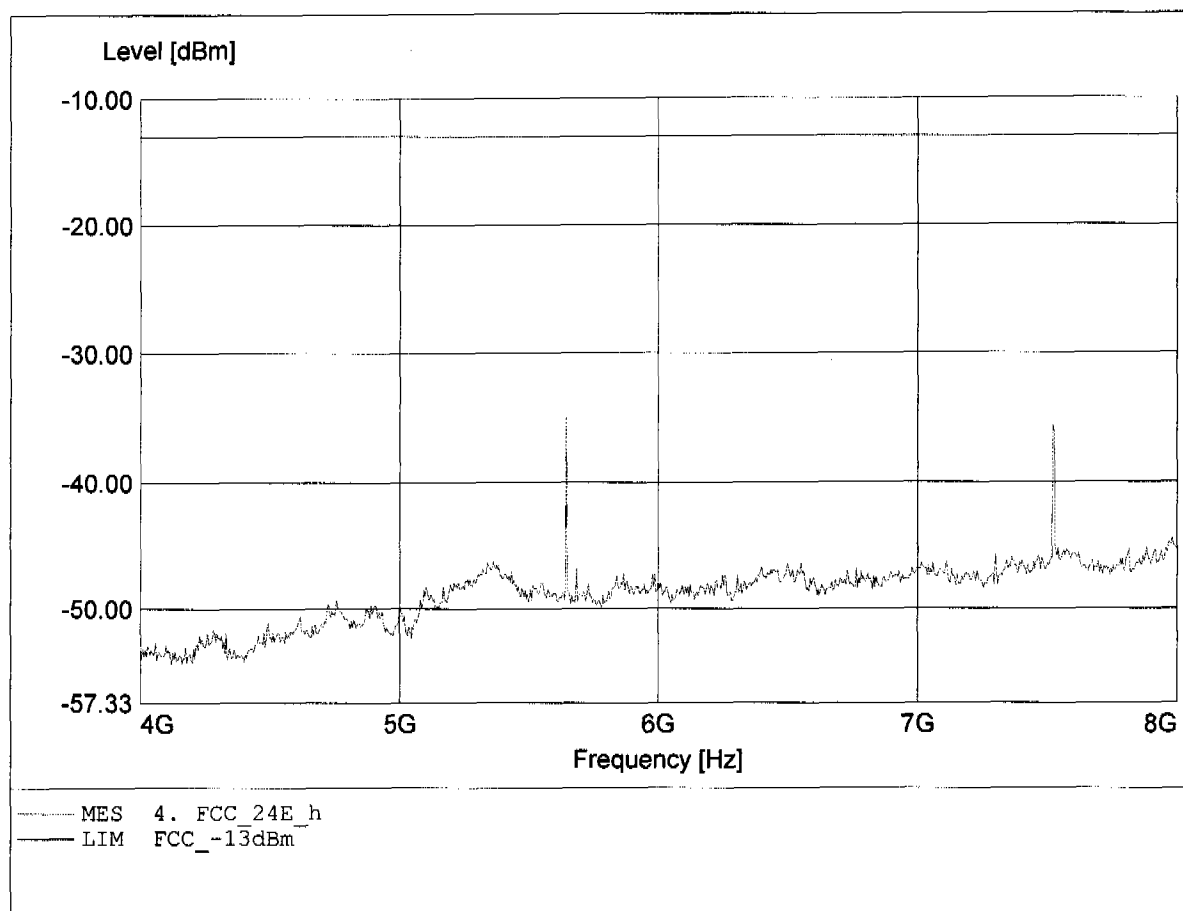
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.625GHz, Pmax: -22.07dBm, RBW: 1MHz/3kHz



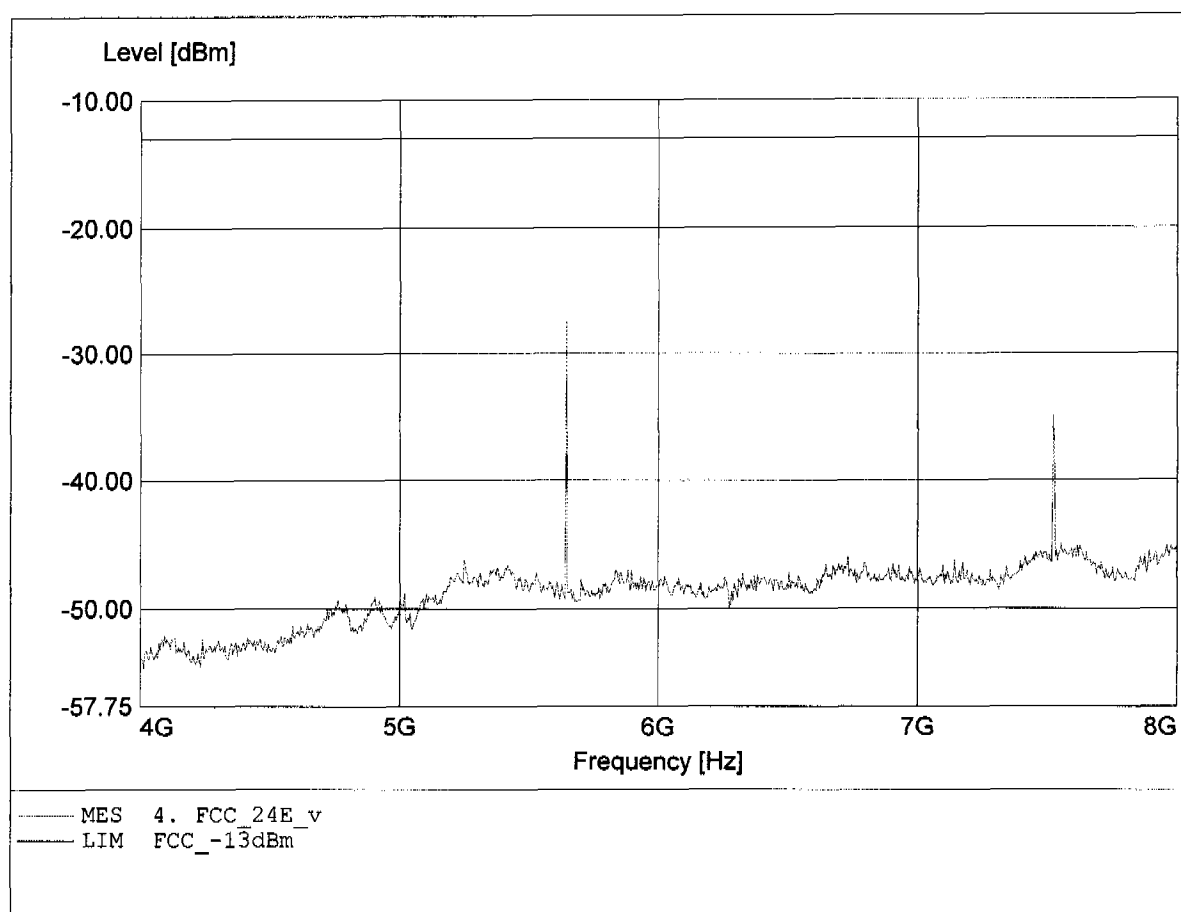
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.644GHz, Pmax: -34.89dBm, RBW: 1MHz



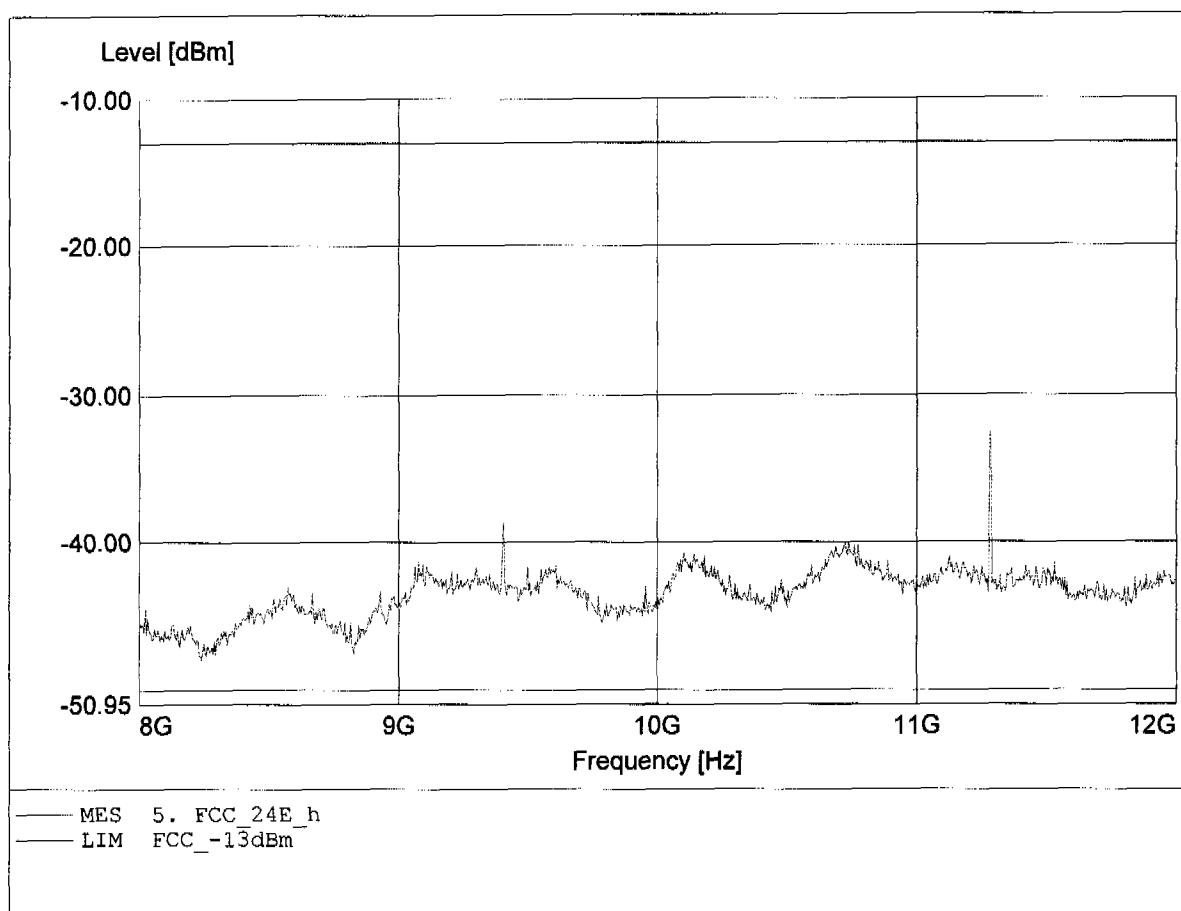
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.644GHz, Pmax: -27.48dBm, RBW: 1MHz



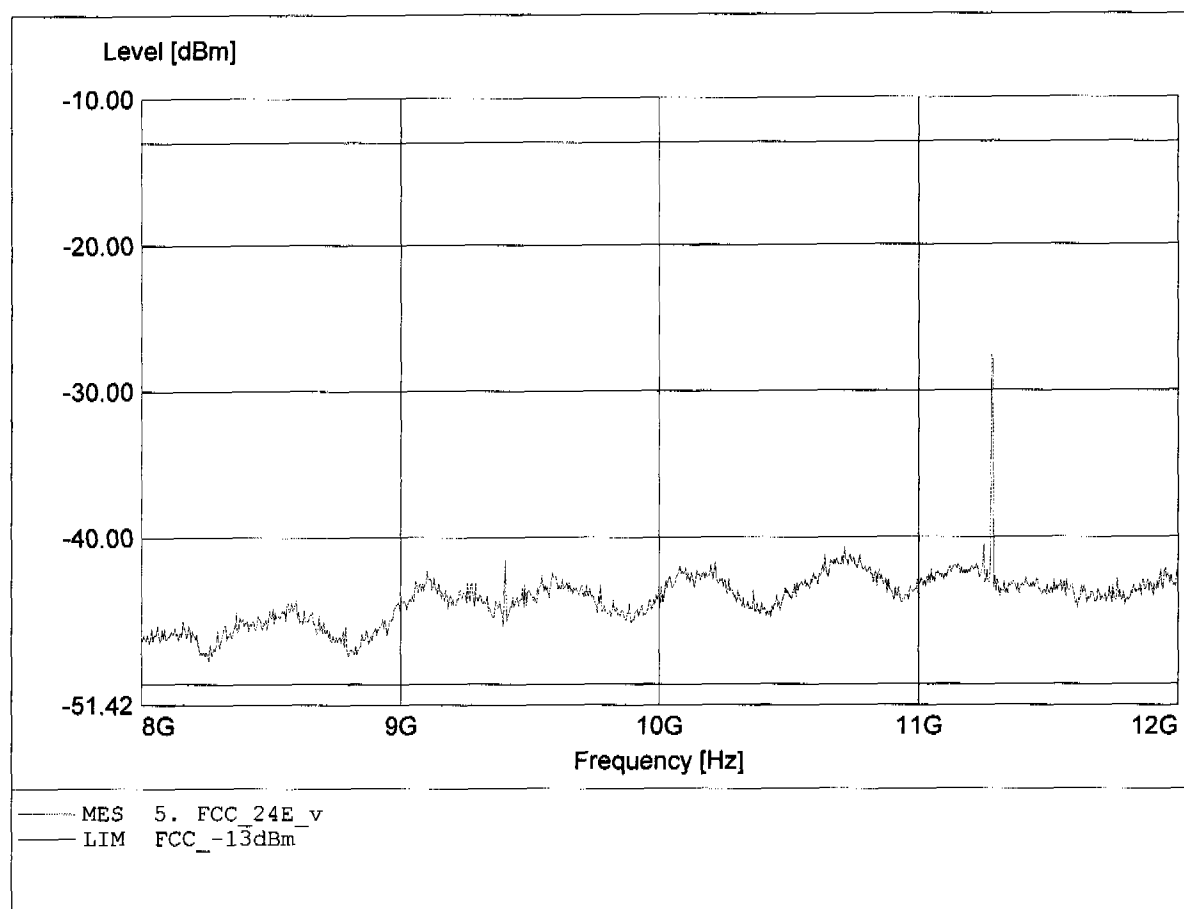
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.280GHz, Pmax: -32.58dBm, RBW: 1MHz



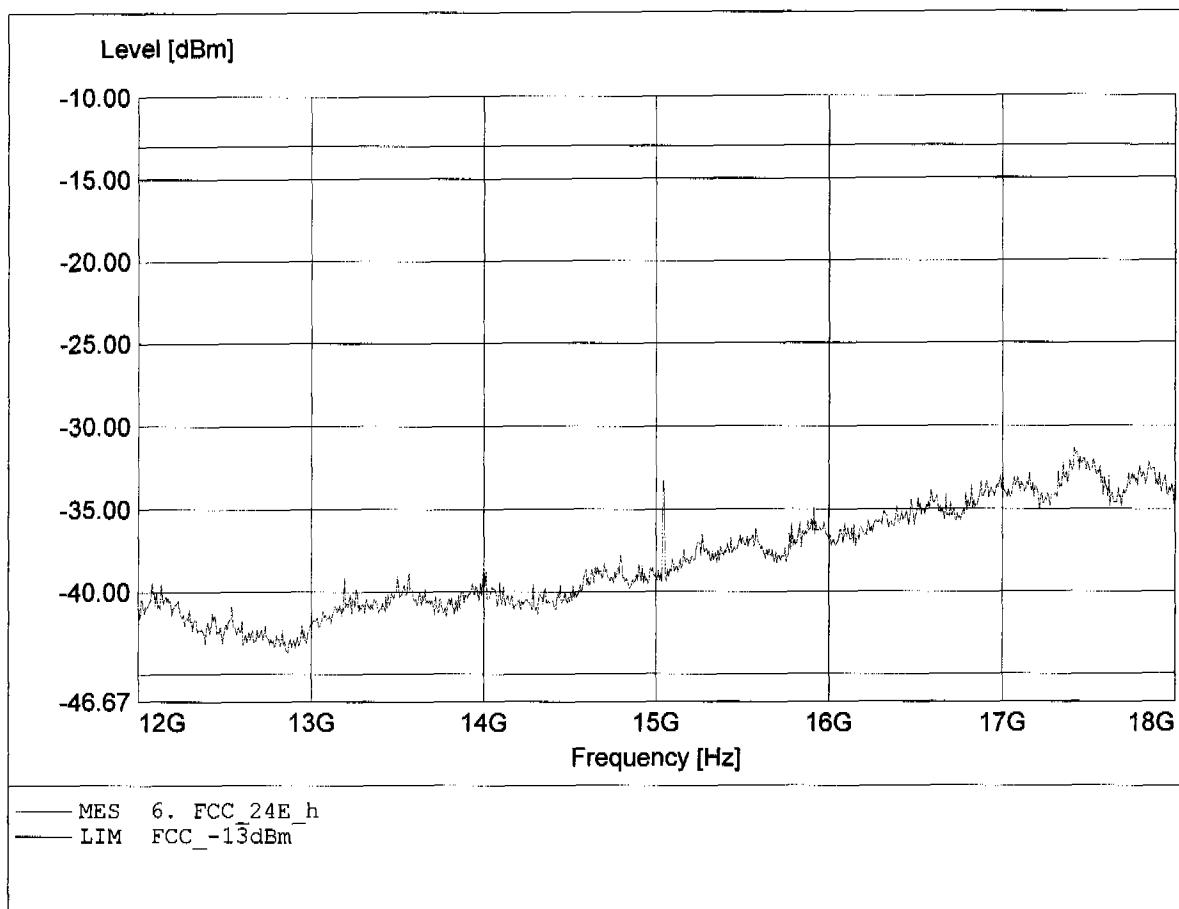
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.280GHz, Pmax: -27.44dBm, RBW: 1MHz



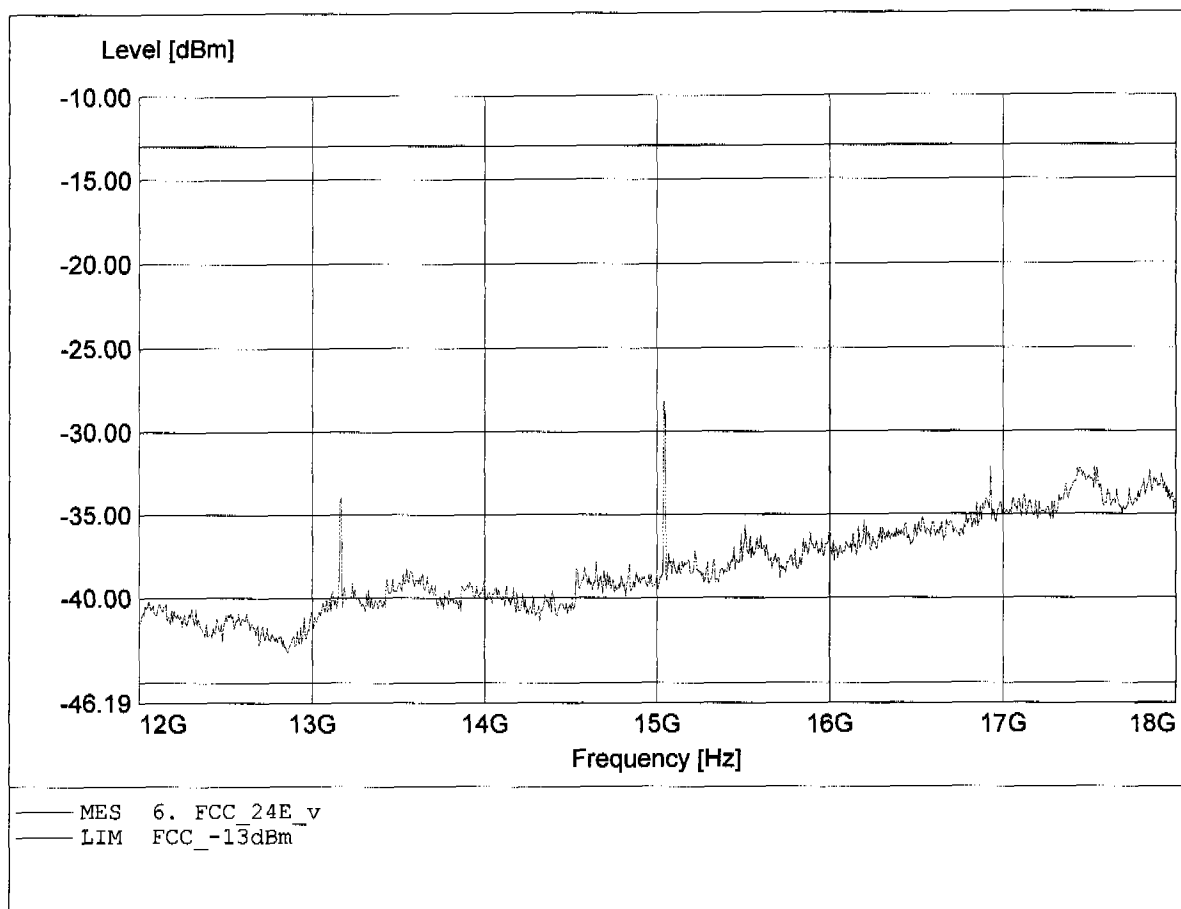
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.413GHz, Pmax: -31.33dBm, RBW: 1MHz



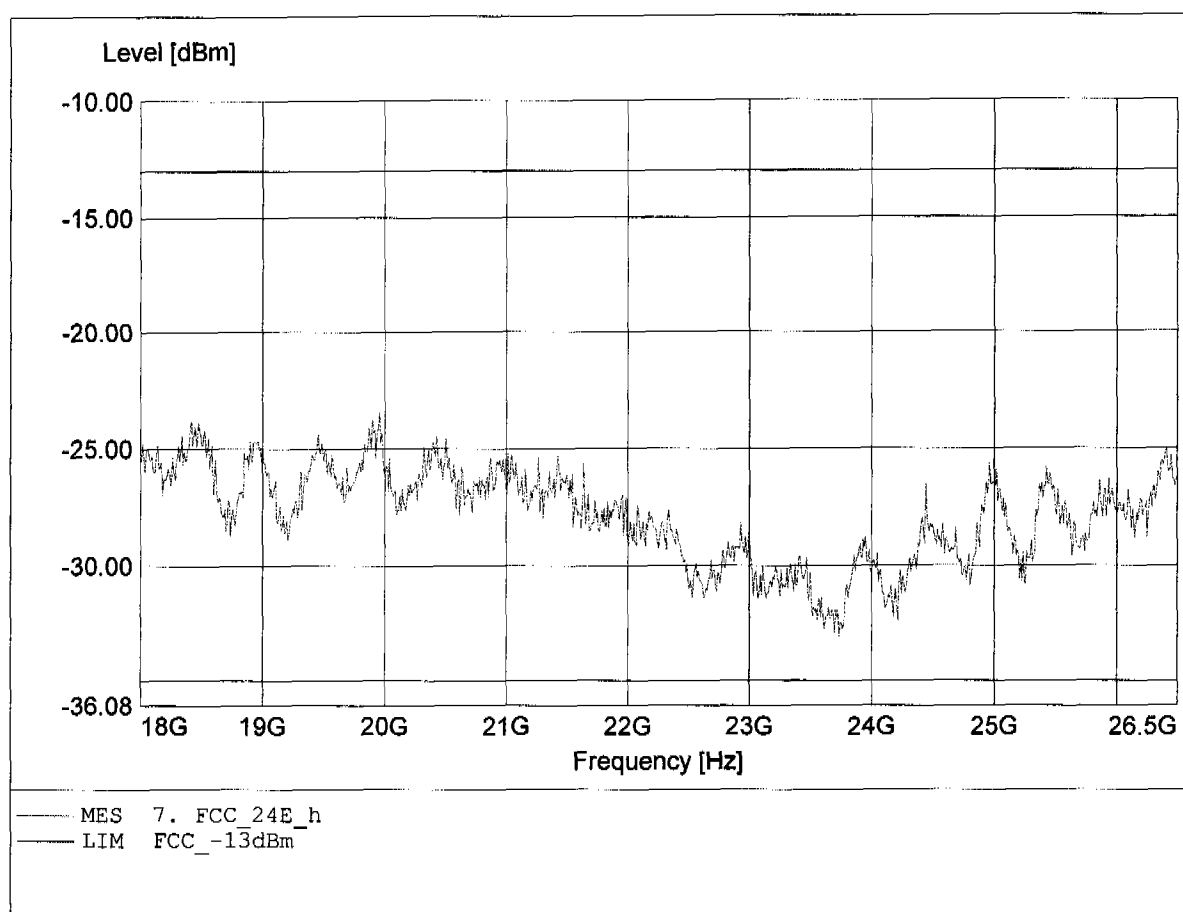
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 15.040GHz, Pmax: -28.17dBm, RBW: 1MHz



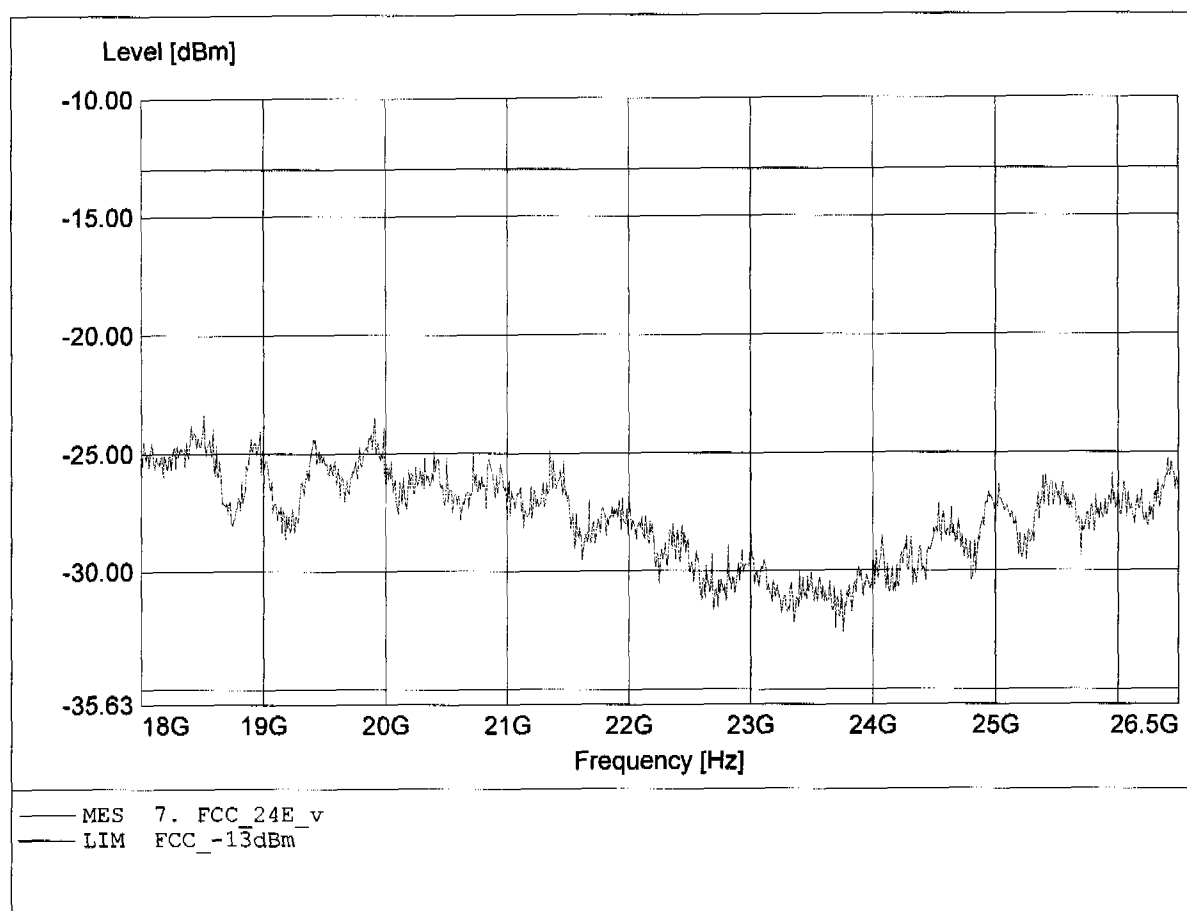
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 19.955GHz, Pmax: -23.45dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS Network terminator RT3000
Model: RT3000 low autonomy
Applicant: SAGEM SA
Temperature/ Voltage: Temp.:23°C, Unom.:18 VDC, Supply: Model:SAW24-18.0-0850US
Test Site / Operator: ETS / Mr. Schultze
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.510GHz, Pmax: -23.37dBm, RBW: 1MHz

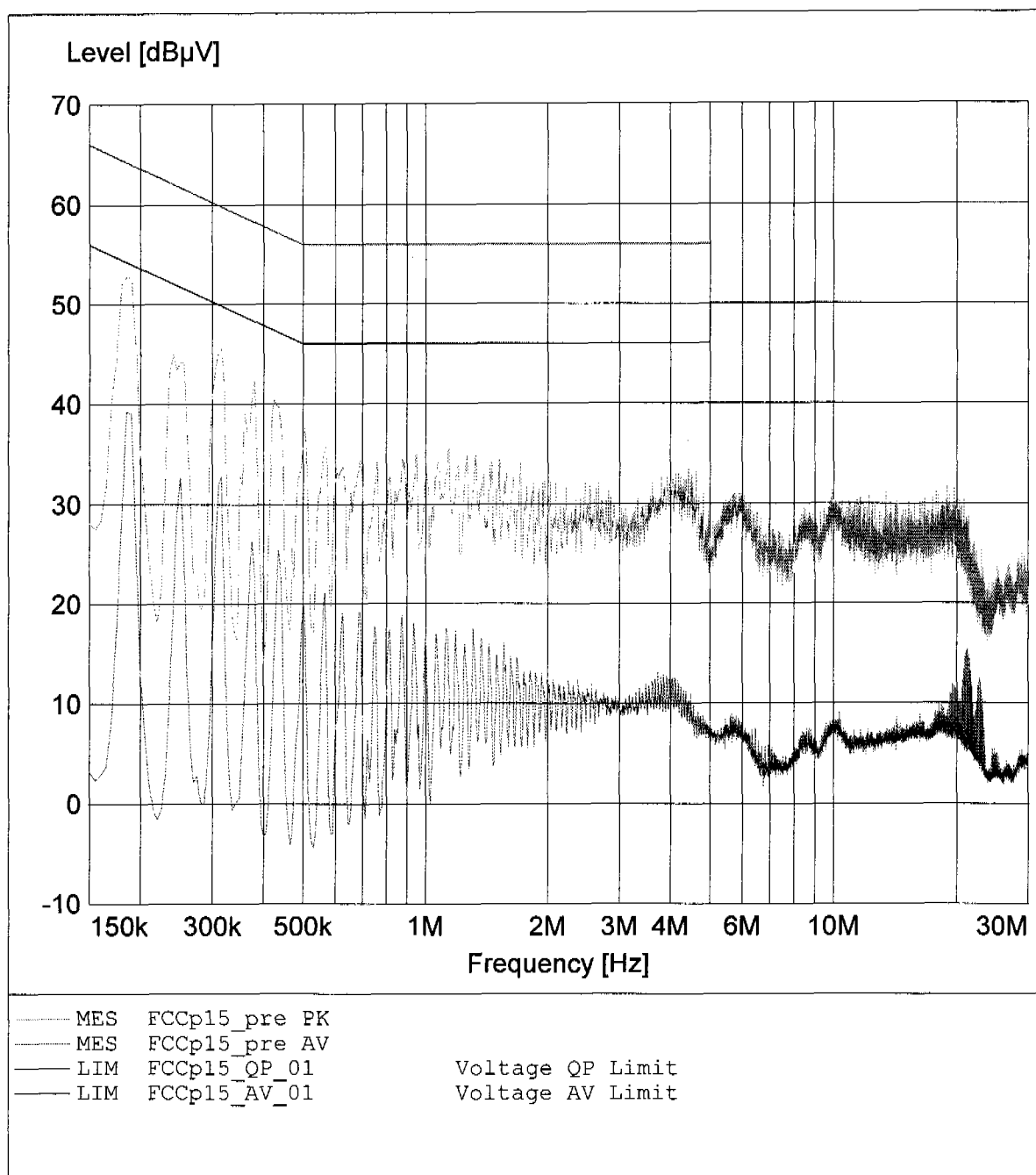


Appendix F

Line Conducted Emissions

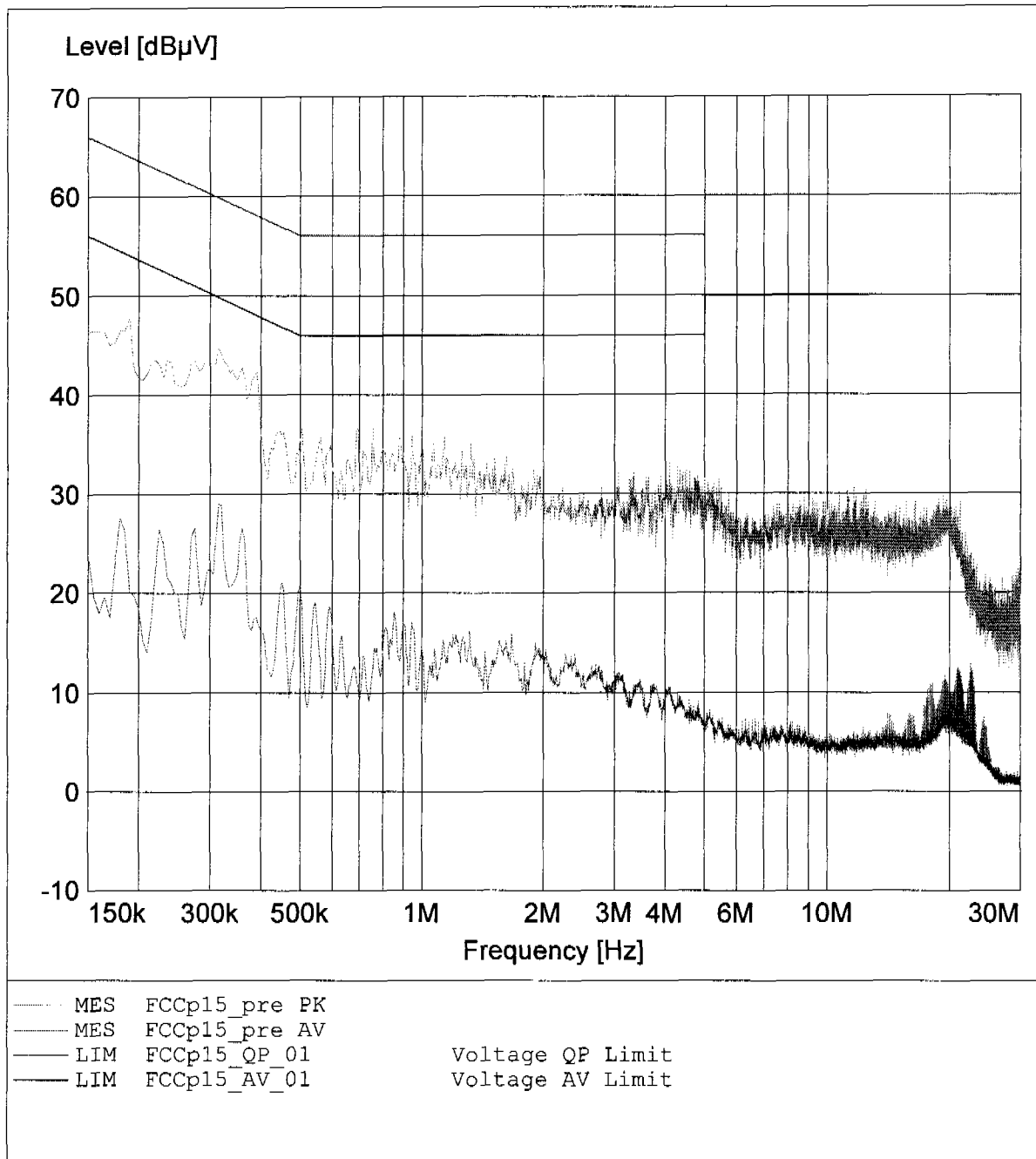
EMI voltage test in the ac-mains according to FCC part 15

EUT: GSM GATEWAY
Manufacturer: SAGEM SA
Operating Condition: Unom: 120 V AC (AC / DC -adaptor), Tnom: 23°C.
Test Site: ETS
Operator: Mr. Jahn
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: SAGEM RT3000 mode: charging+link



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

EUT: GSM GATEWAY
Manufacturer: SAGEM SA
Operating Condition: Unom: 120 V AC (AC / DC -adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Jahn
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: SAGEM RT3000 mode: charging+link



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