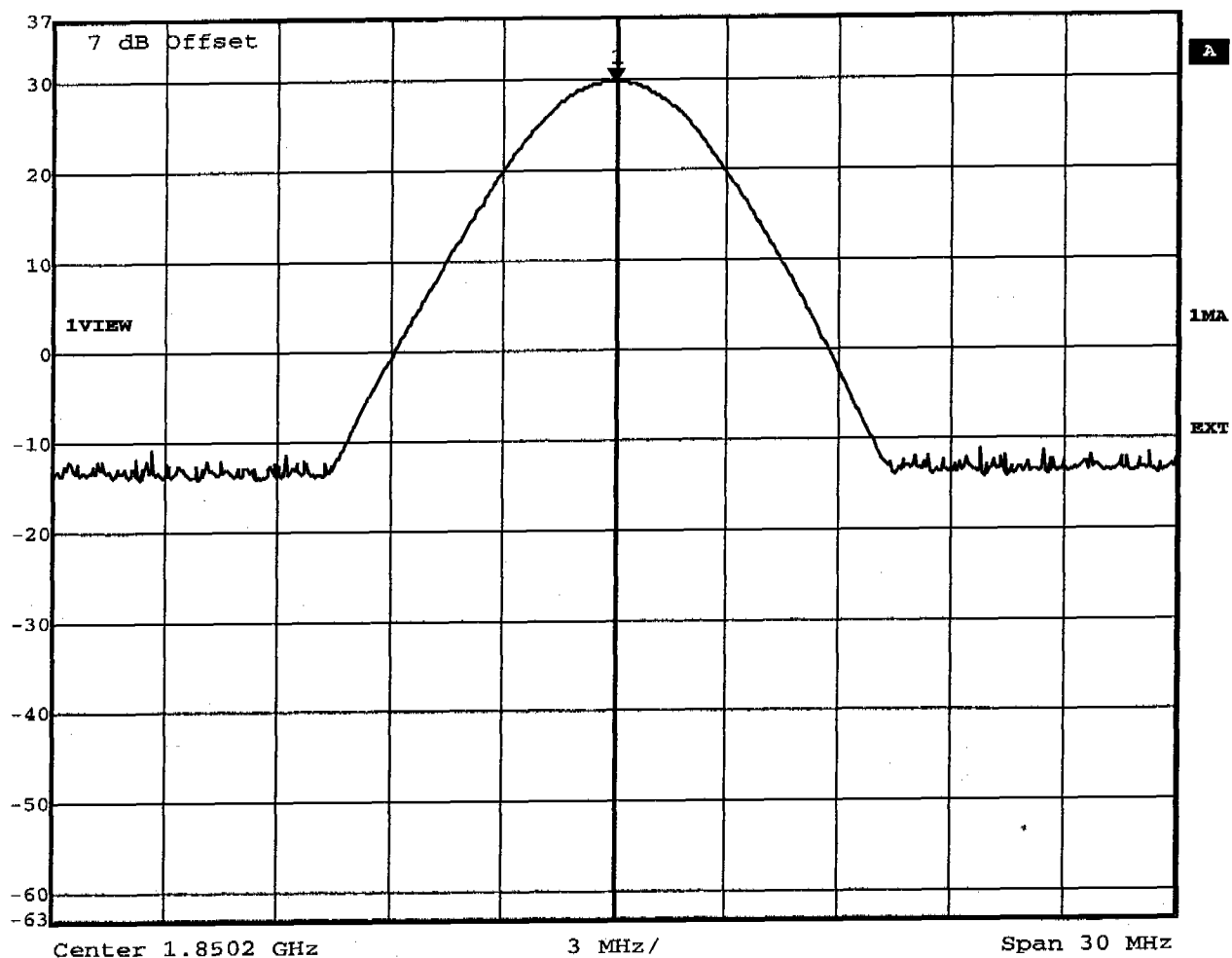


Appendix B

RF Power Output



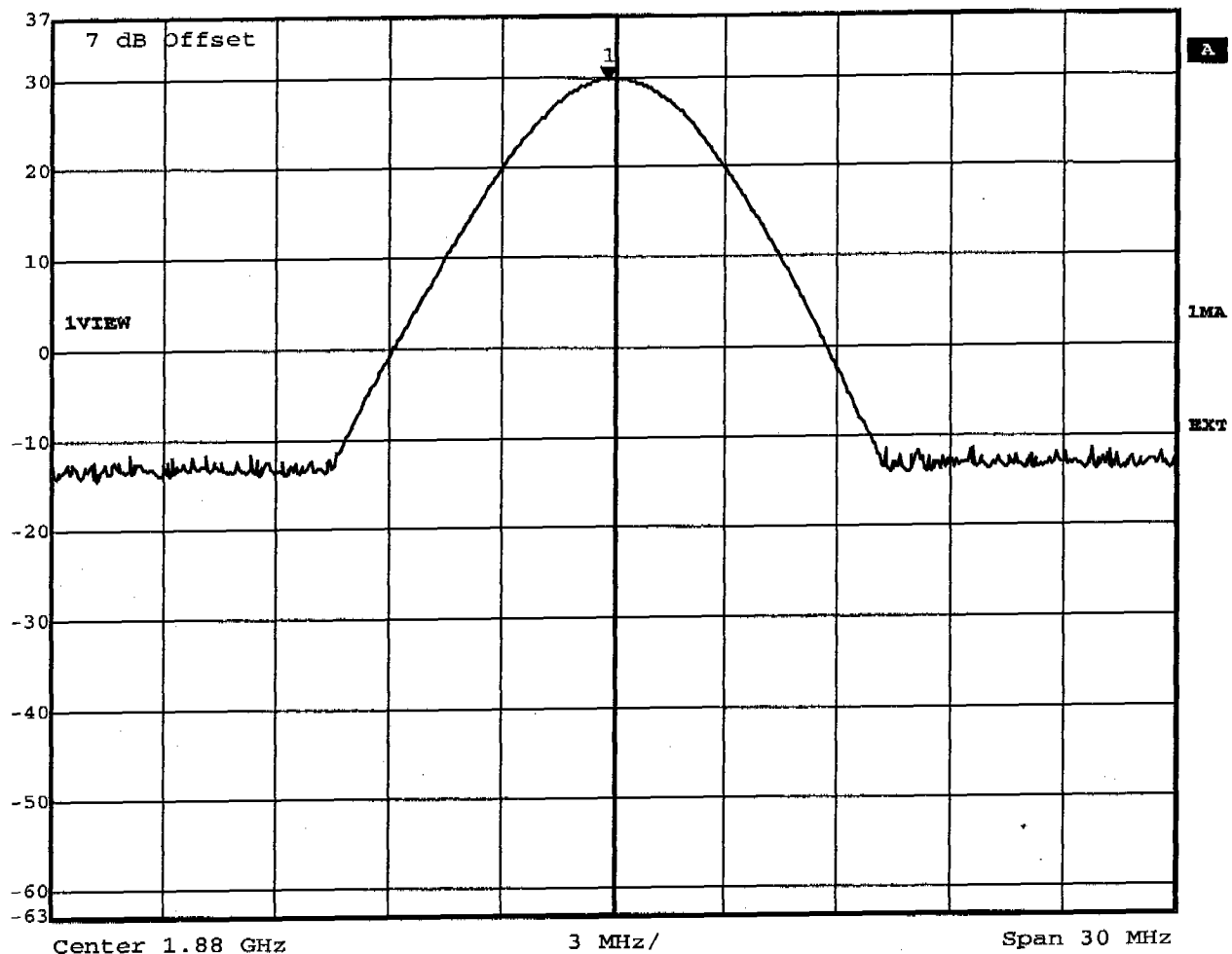
Marker 1 [T1] RBW 3 MHz RF Att 60 dB
Ref Lvl 29.65 dBm VBW 3 MHz
37 dBm 1.85023006 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 512
Date: 1.SEP.2003 15:29:15



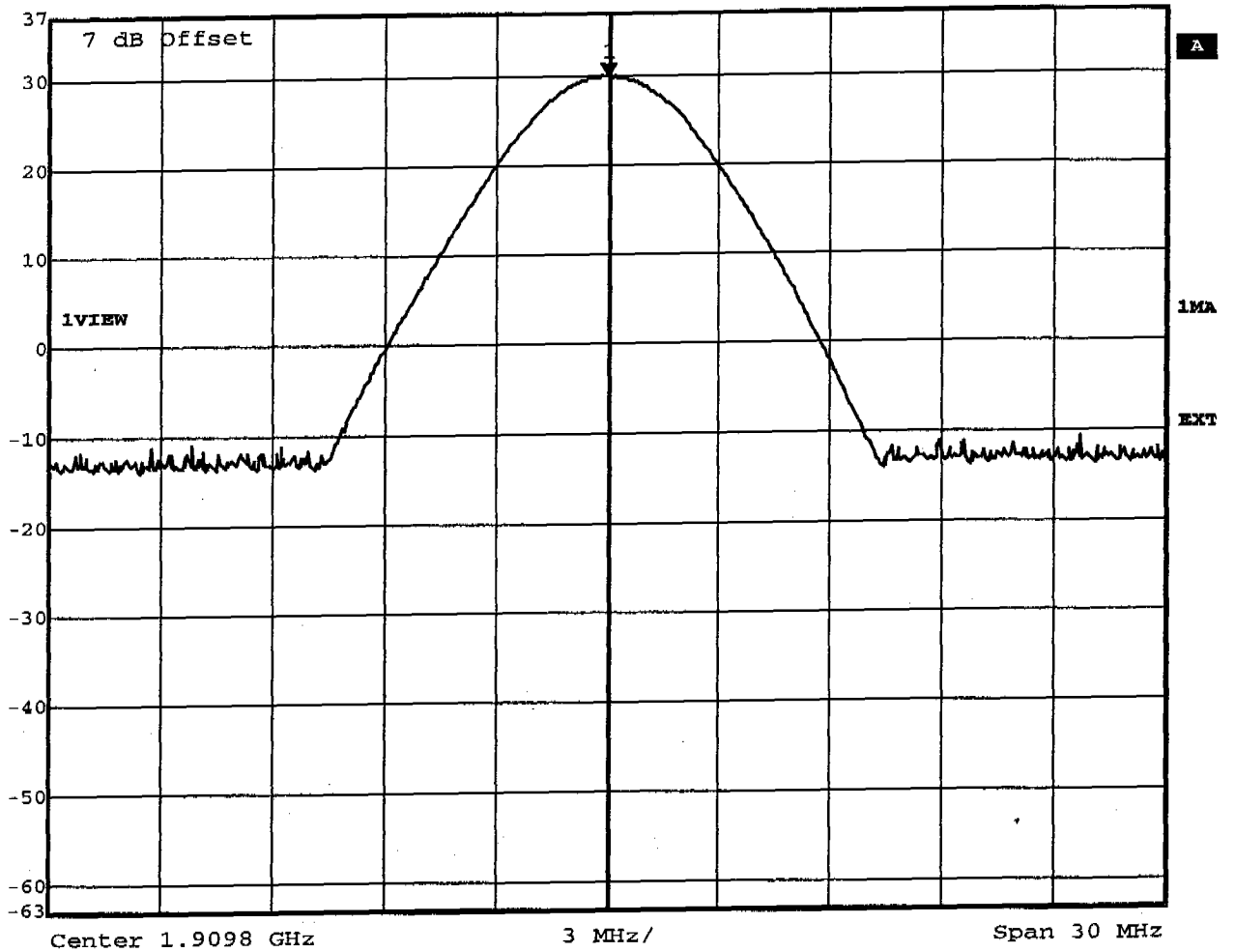
Marker 1 [T1] RBW 3 MHz RF Att 60 dB
Ref Lvl 29.65 dBm VBW 3 MHz
37 dBm 1.87984970 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 661
Date: 1.SEP.2003 15:30:18



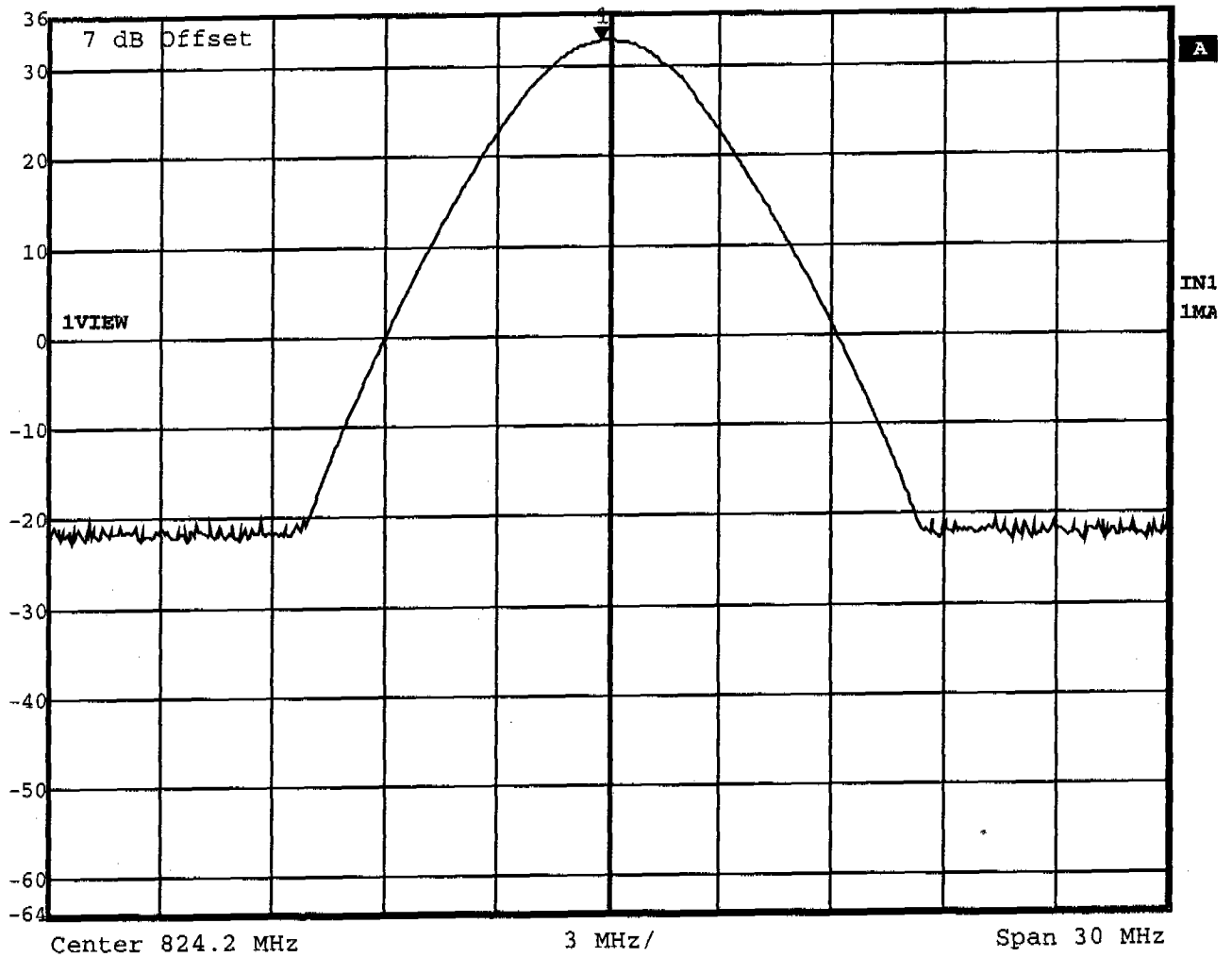
Marker 1 [T1] RBW 3 MHz RF Att 60 dB
Ref Lvl 29.82 dBm VBW 3 MHz
37 dBm 1.90983006 GHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel 810
Date: 1.SEP.2003 15:36:20



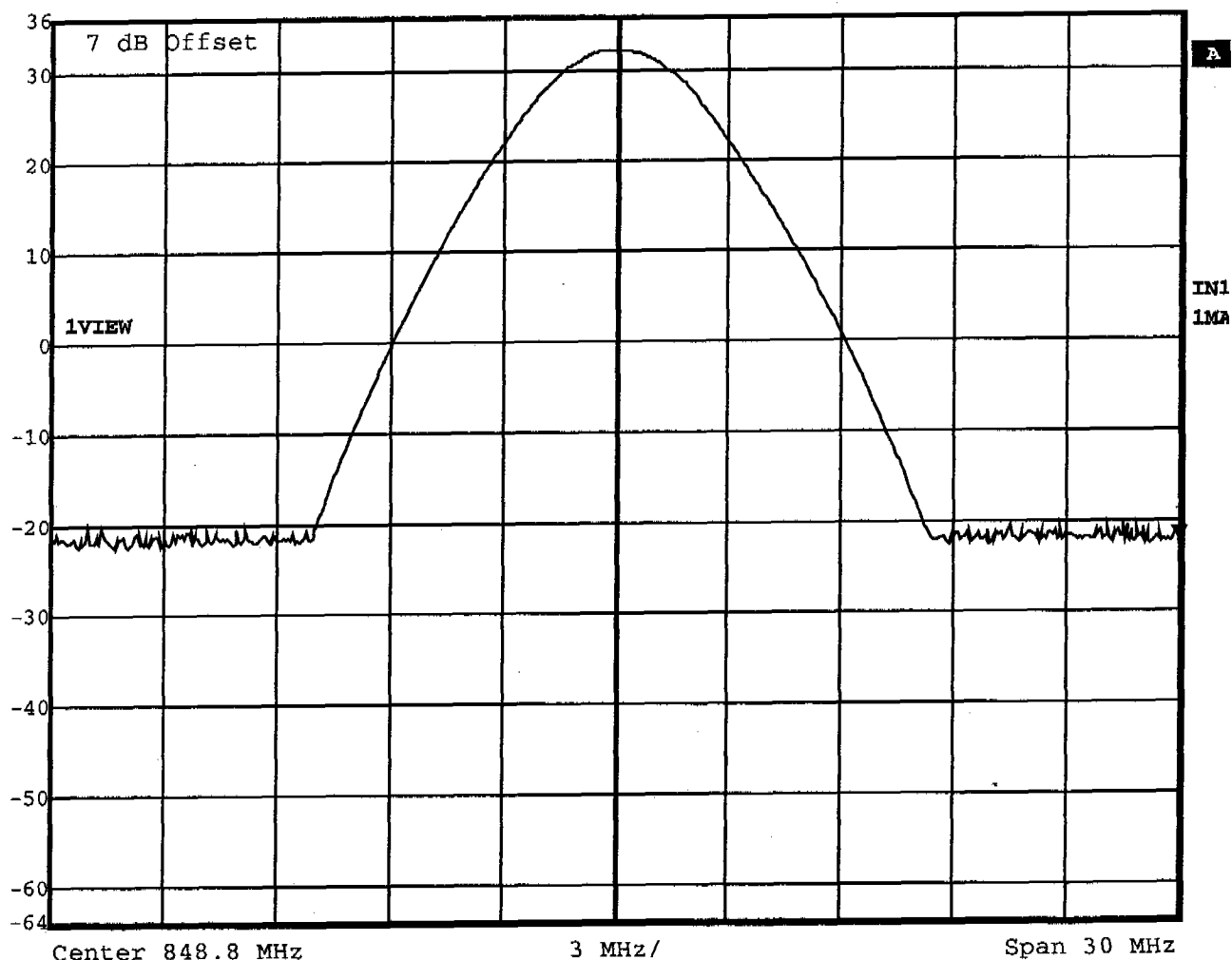
Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.66 dBm VBW 3 MHz
36 dBm 823.96935989 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 128
Date: 2.SEP.2003 07:19:26



Marker 1 [T1] RBW 3 MHz RF Att 50 dB
Ref Lvl 32.10 dBm VBW 3 MHz
36 dBm 848.20500600 MHz SWT 5 ms Unit dBm



Title: Output Power Conducted Channel: 251
Date: 2.SEP.2003 07:12:25



Ref Lvl
36 dBm

Marker 1 [T1]

32.76 dBm

835.98957916 MHz

RBW

3 MHz

VBW

3 MHz

SWT

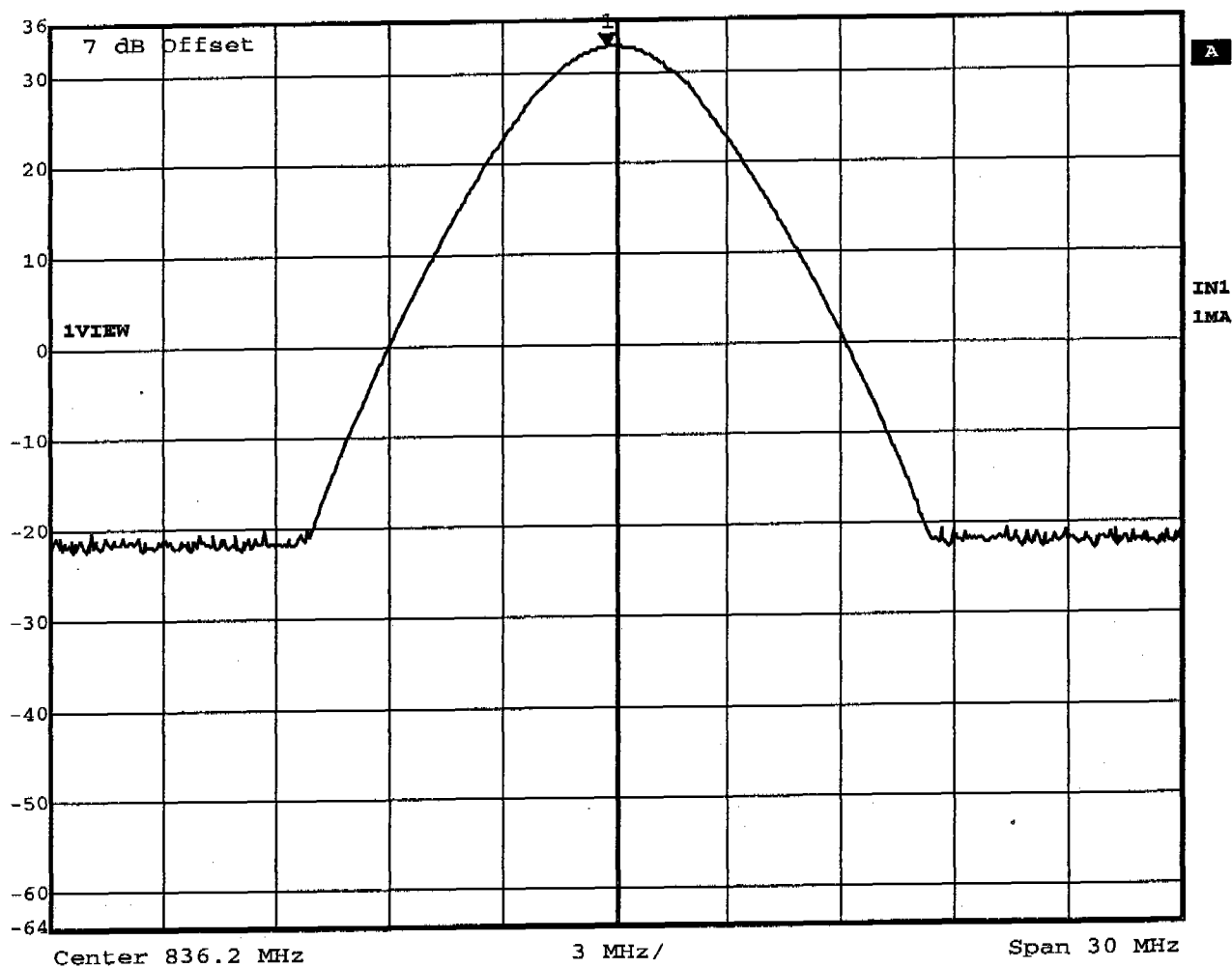
5 ms

RF Att

50 dB

Unit

dBm



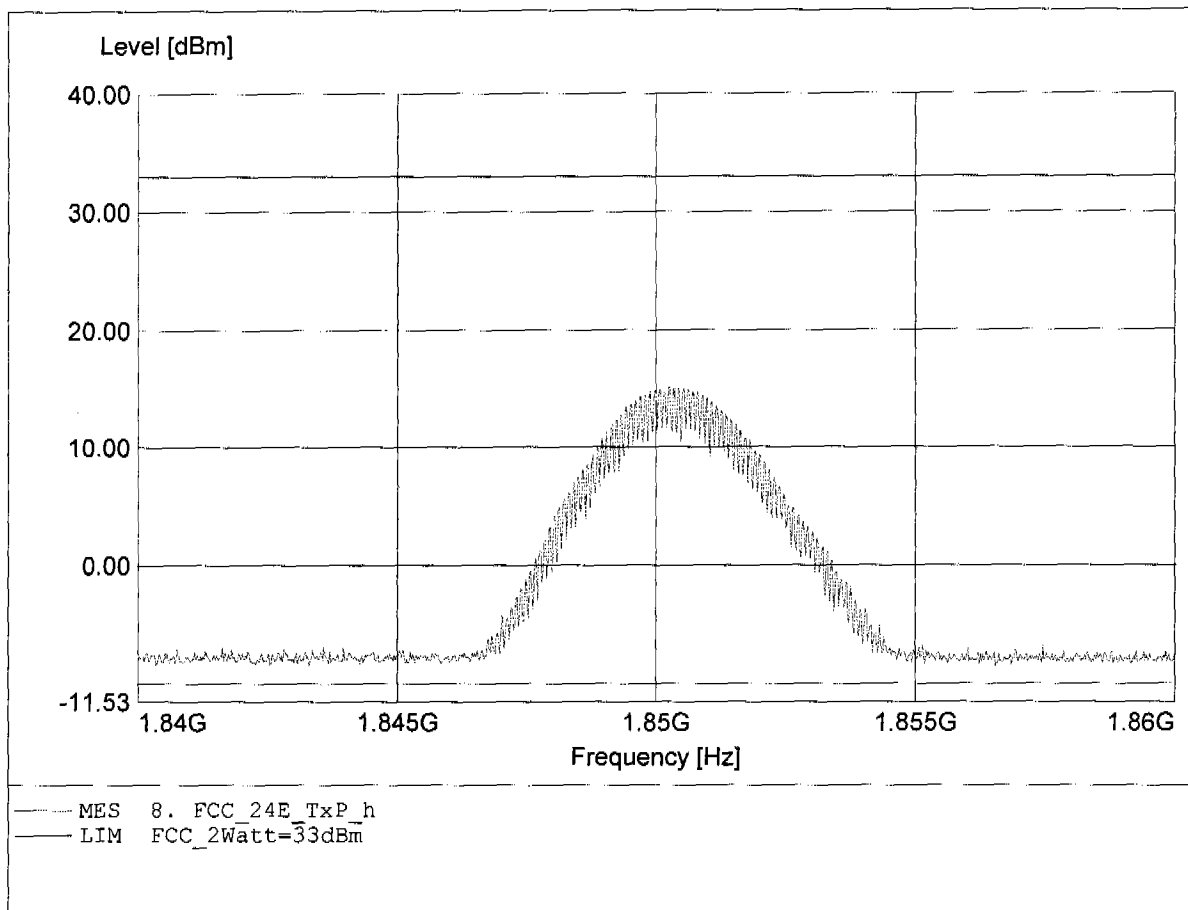
Title: Output Power Conducted Channel: 188
Date: 2.SEP.2003 07:14:26

Appendix C

ERP, EIRP

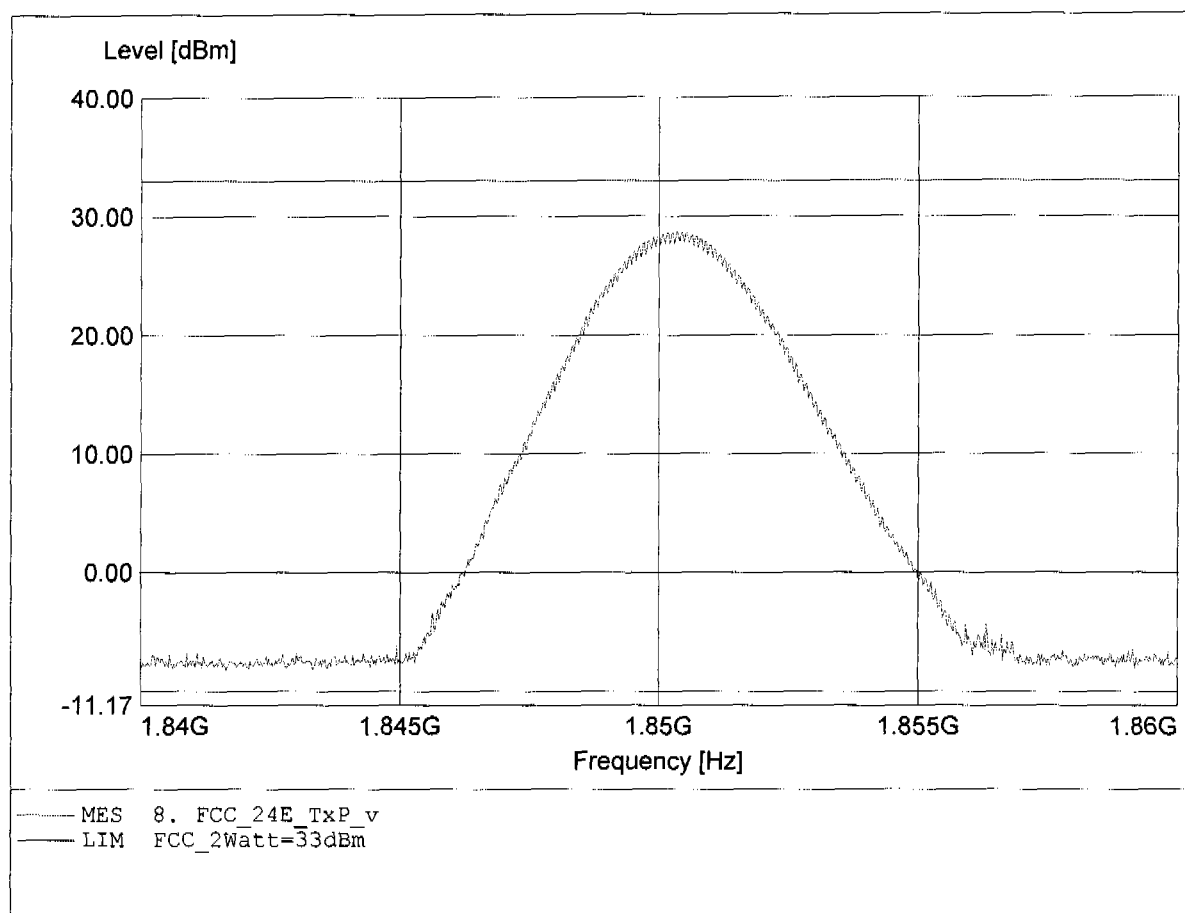
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to S24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 15.13dBm, RBW: 3MHz



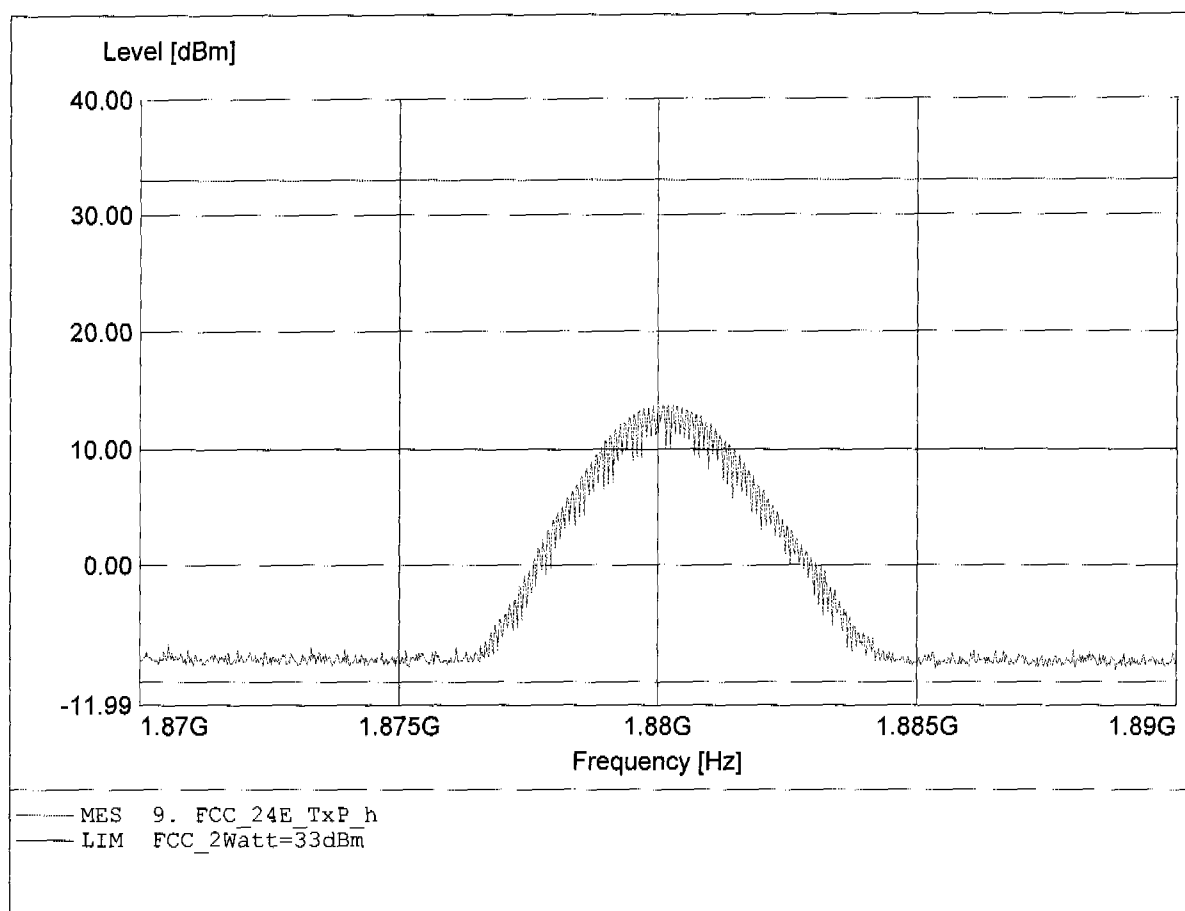
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 28.70dBm, RBW: 3MHz



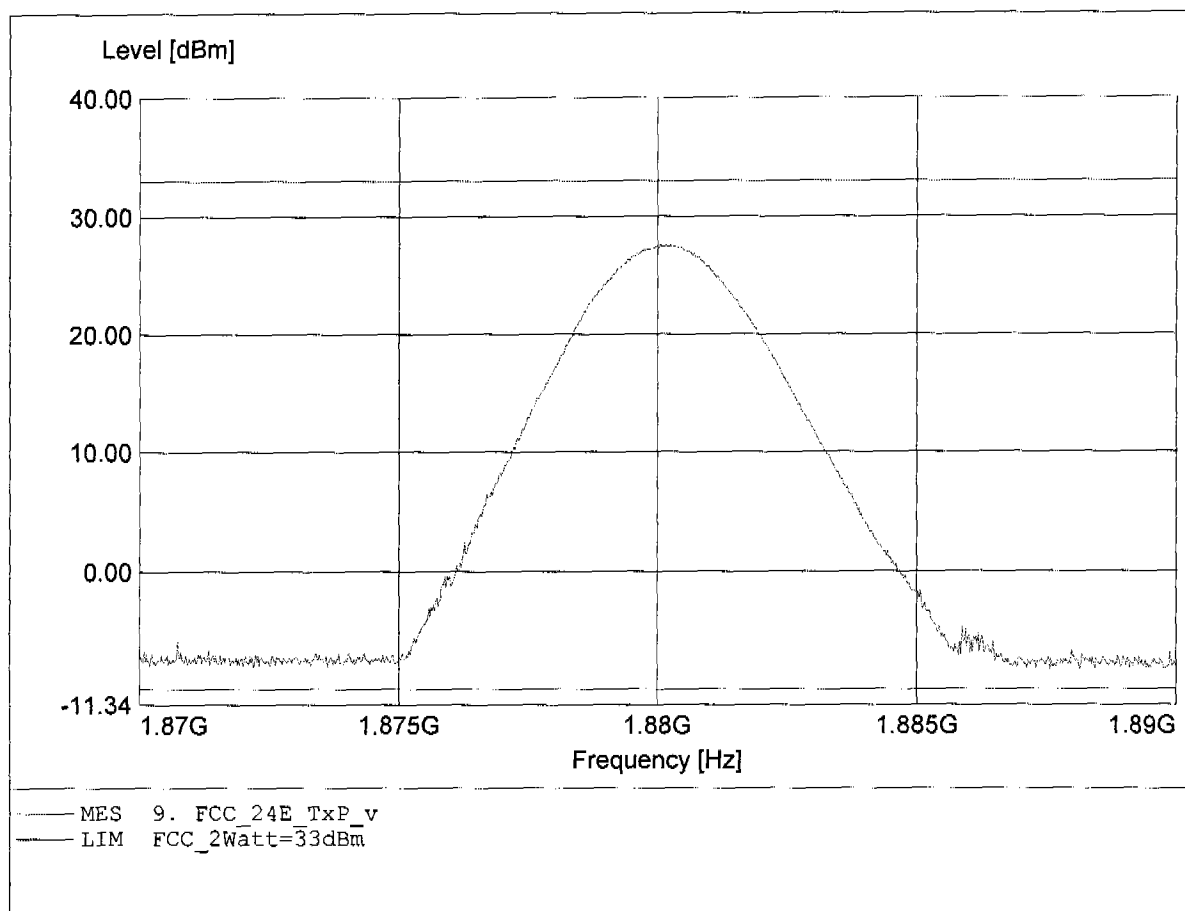
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 611
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 13.79dBm, RBW: 3MHz



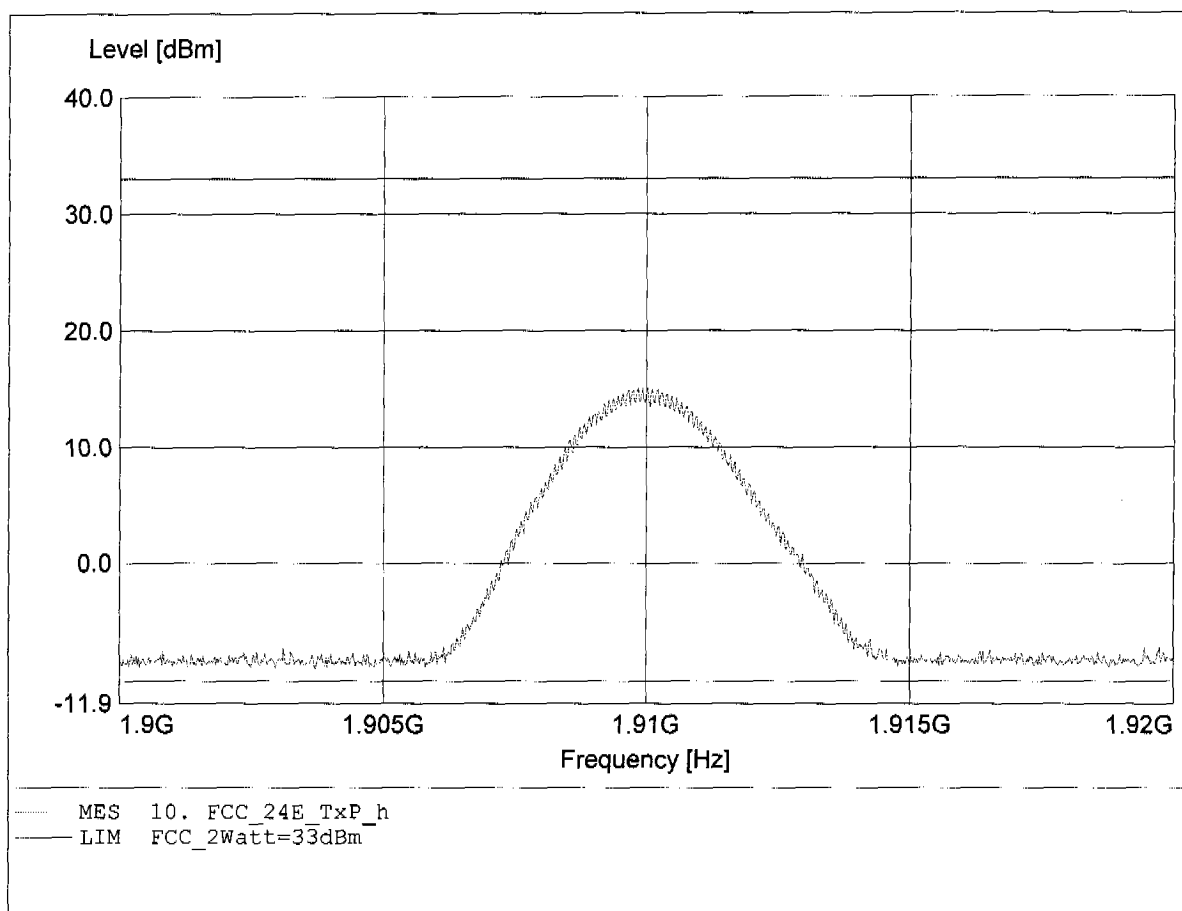
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 611
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 27.58dBm, RBW: 3MHz



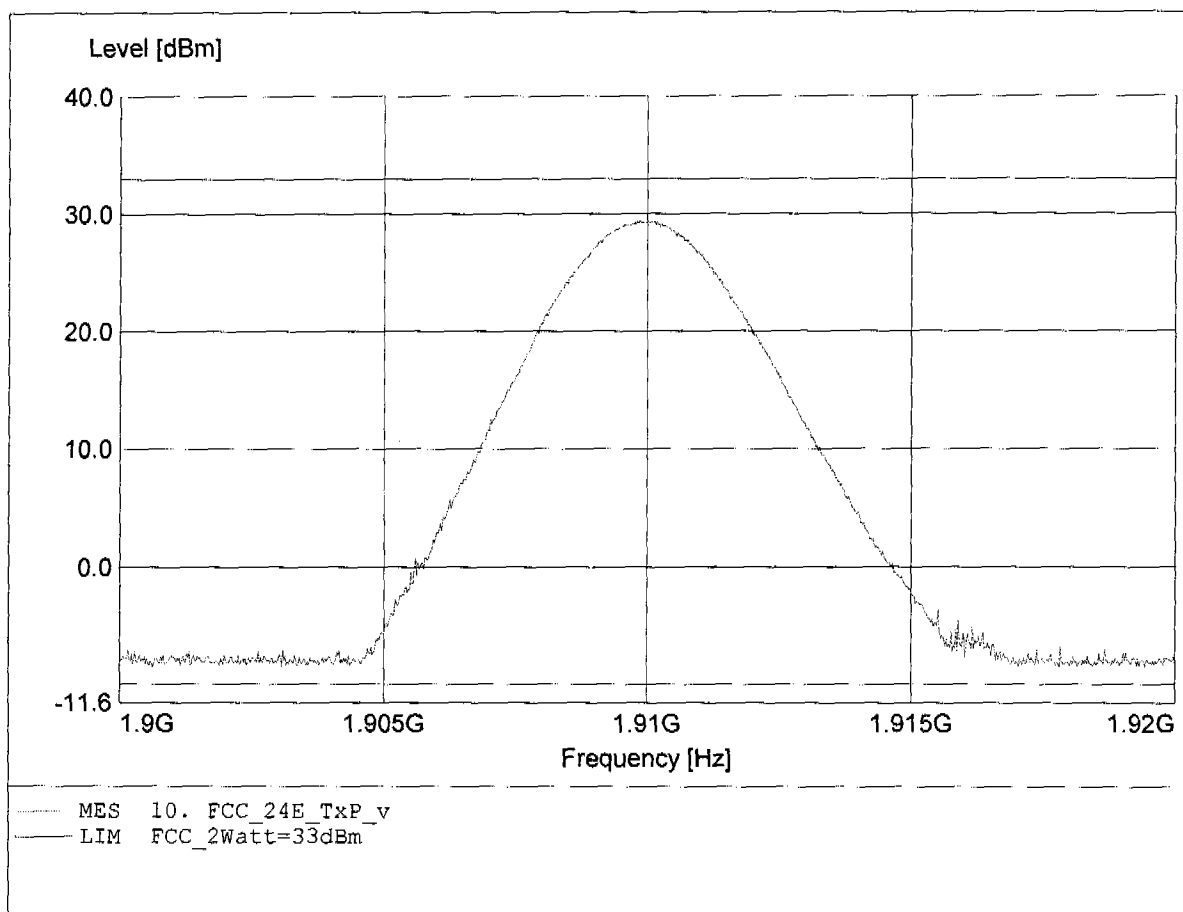
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 15.09dBm, RBW: 3MHz



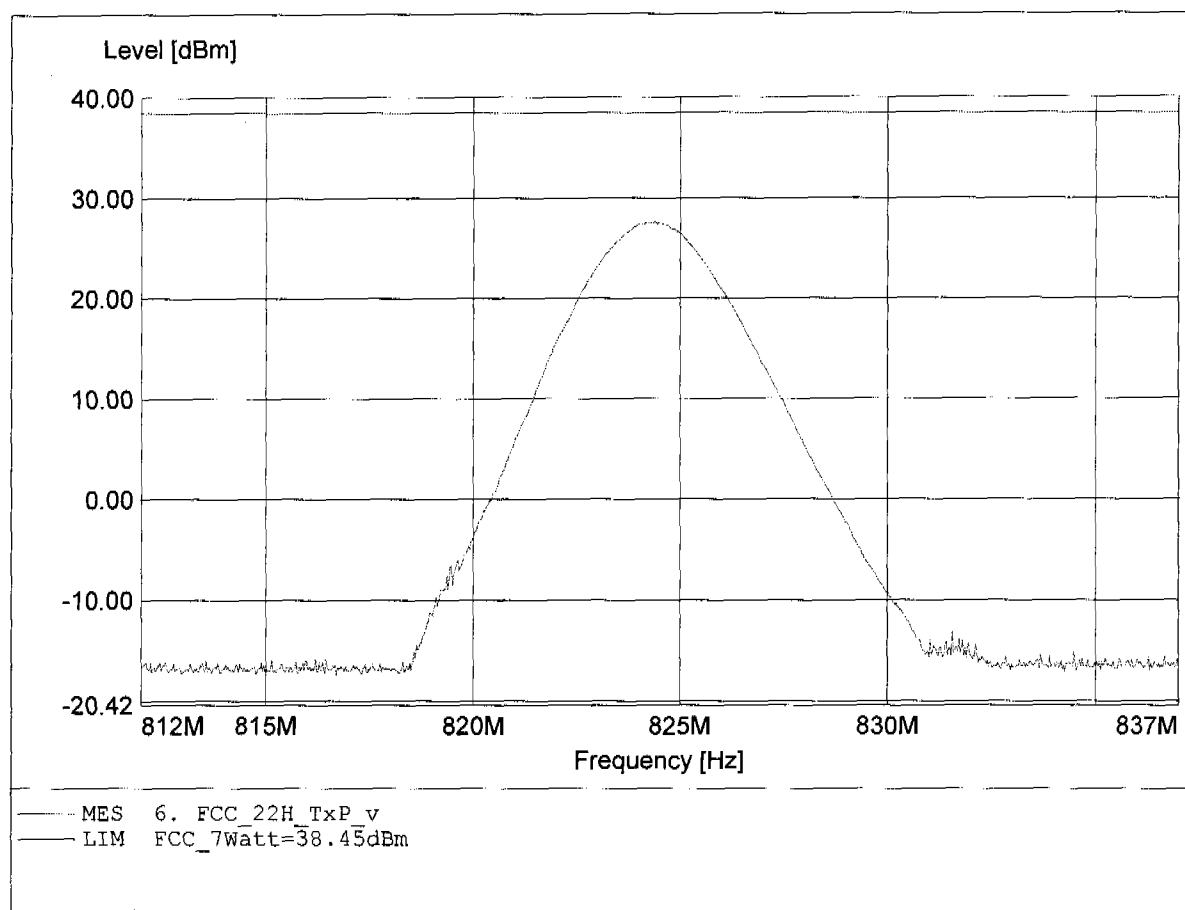
**Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E**

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §24.232
Comment 1: Dist.: 3m, Ant.: HL025, PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 29.44dBm, RBW: 3MHz



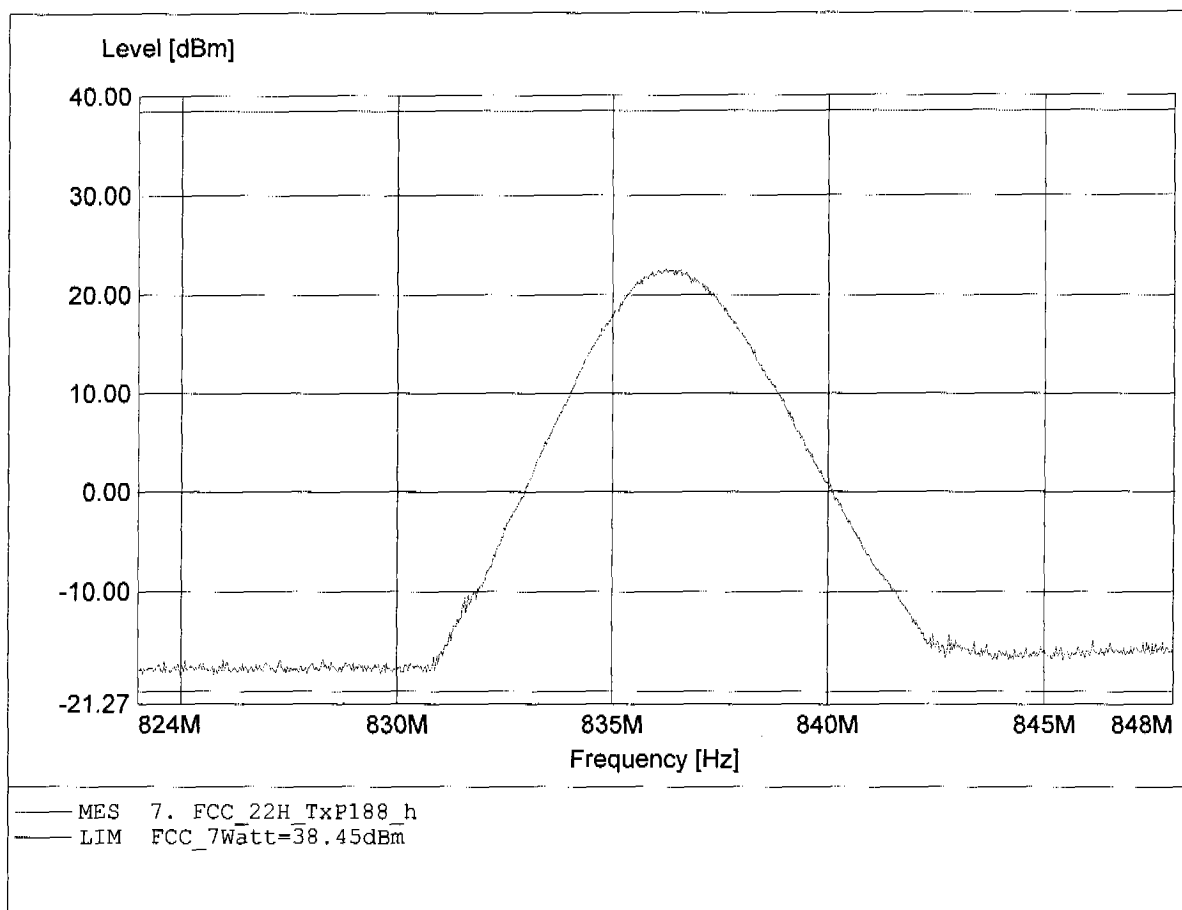
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.389MHz, Pmax: 27.67dBm, RBW: 3MHz



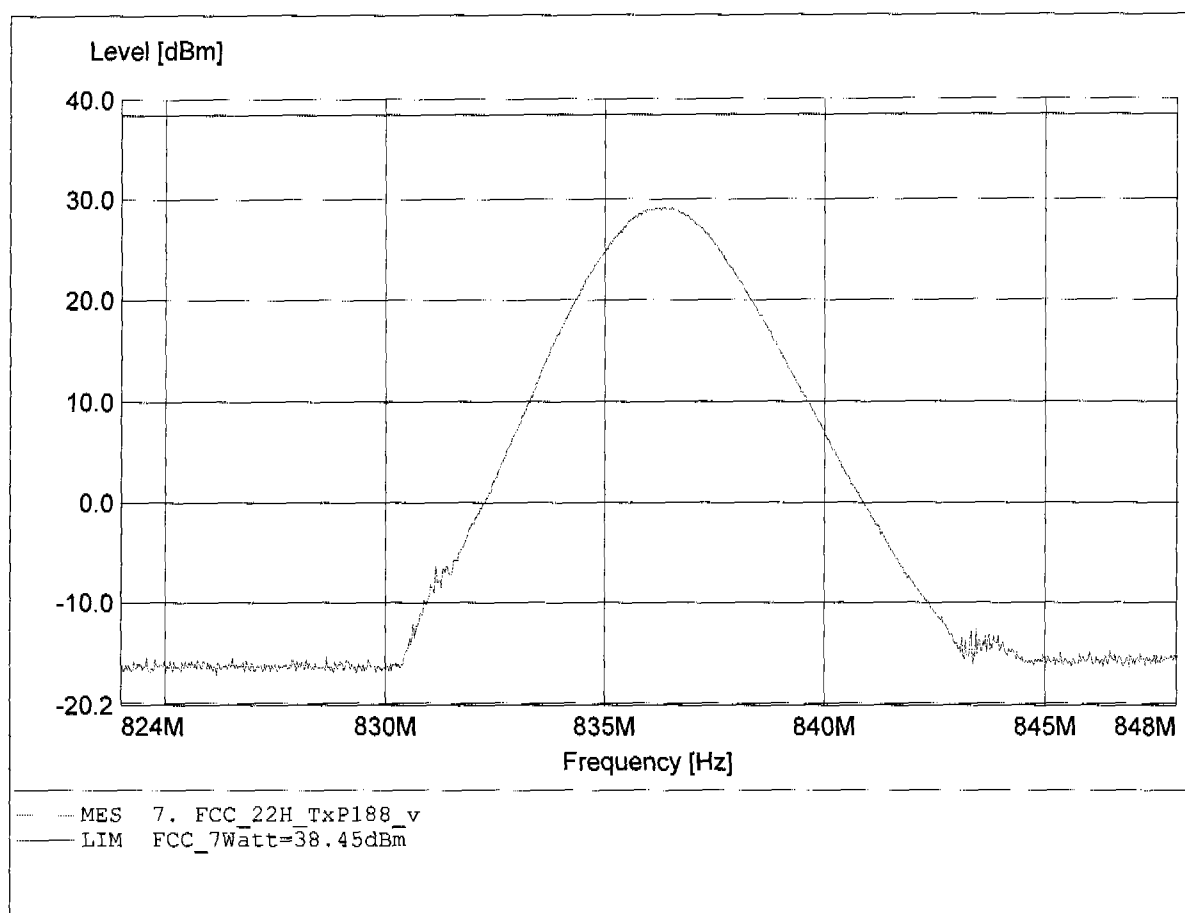
Effective Radiated Power
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.240MHz, Pmax: 22.59dBm, RBW: 3MHz



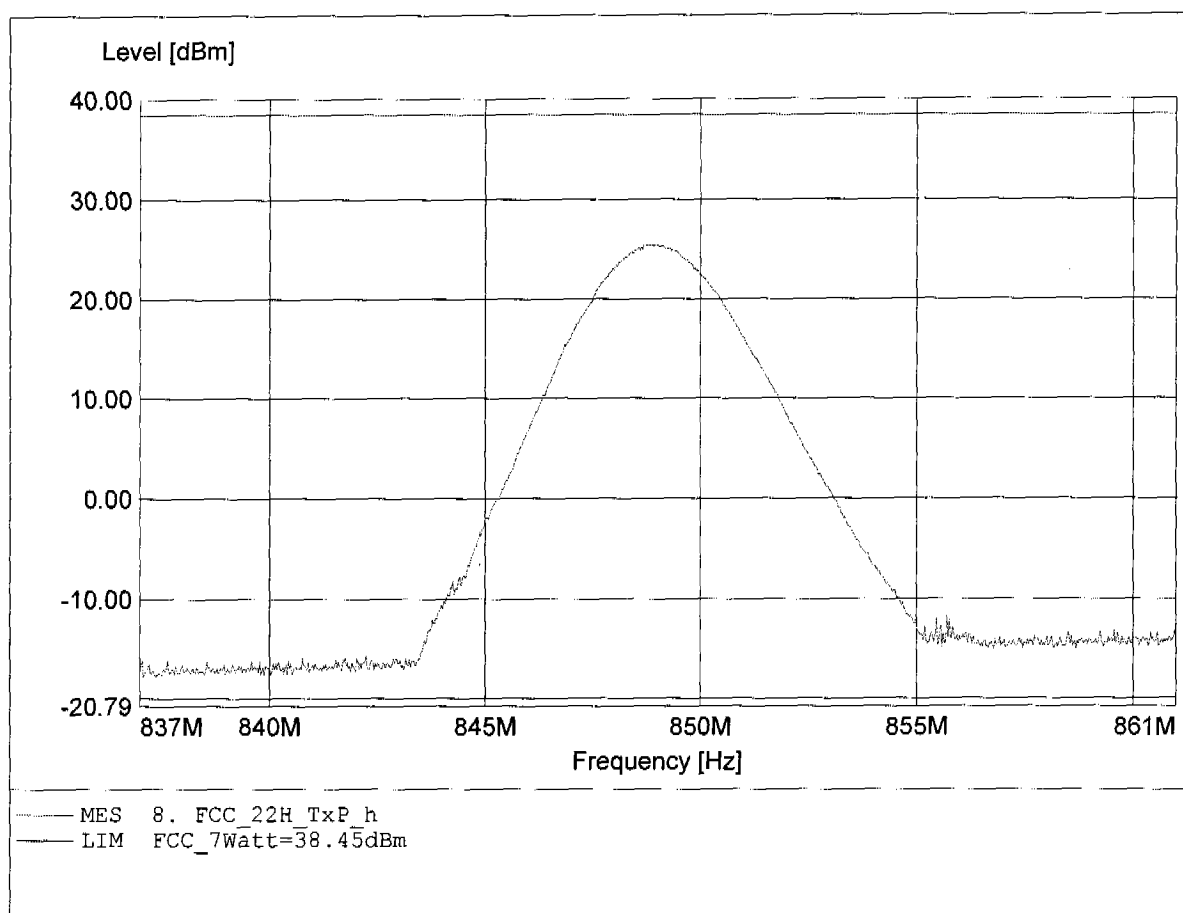
**Effective Radiated Power
FCC RULES PART 22 SUBPART H**

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.320MHz, Pmax: 29.16dBm, RBW: 3MHz



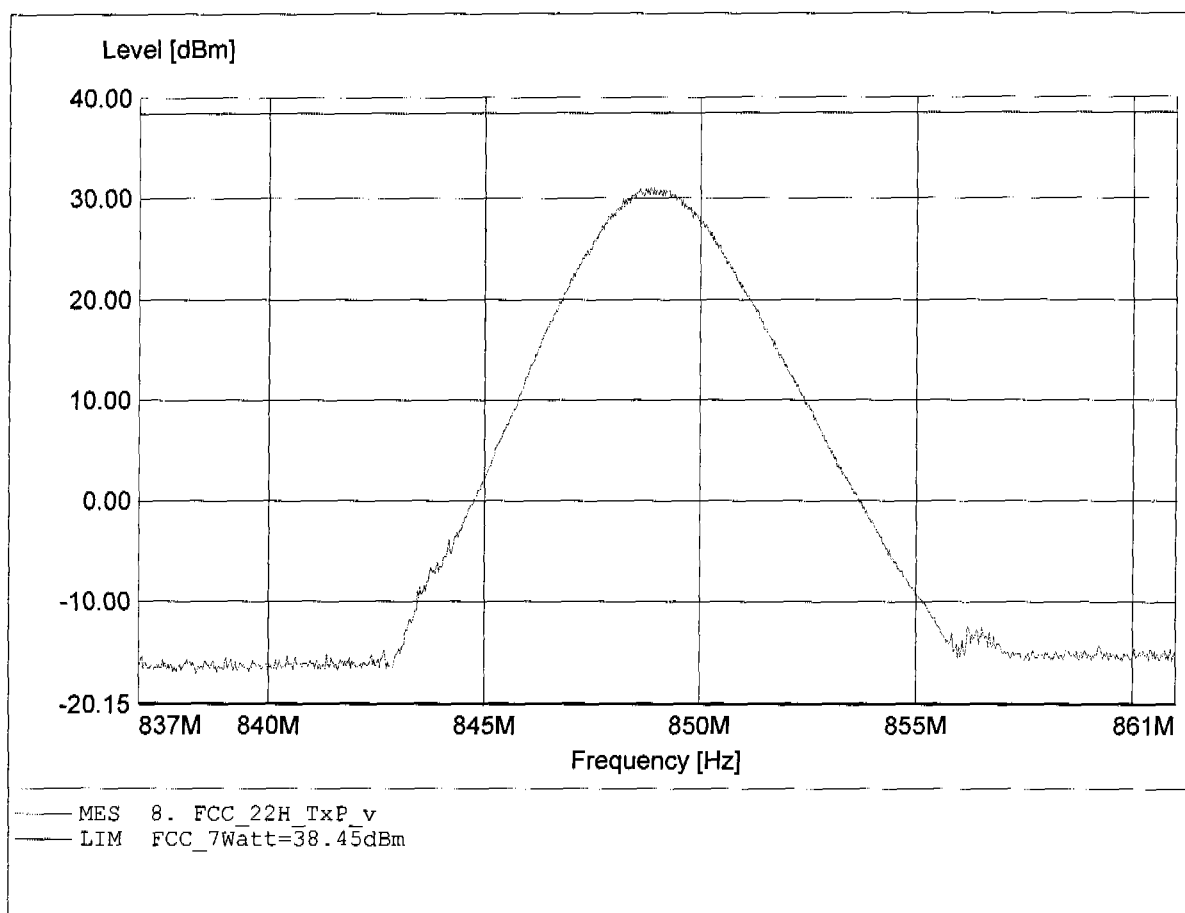
Effective Radiated Power
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.893MHz, Pmax: 25.48dBm, RBW: 3MHz



Effective Radiated Power
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model/Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 3.7 VDC
Test Specification: according to §22.913
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.920MHz, Pmax: 31.06dBm, RBW: 3MHz



Appendix D

Modulation Requirements

Appendix E

Audio Filter Characteristics

Appendix F

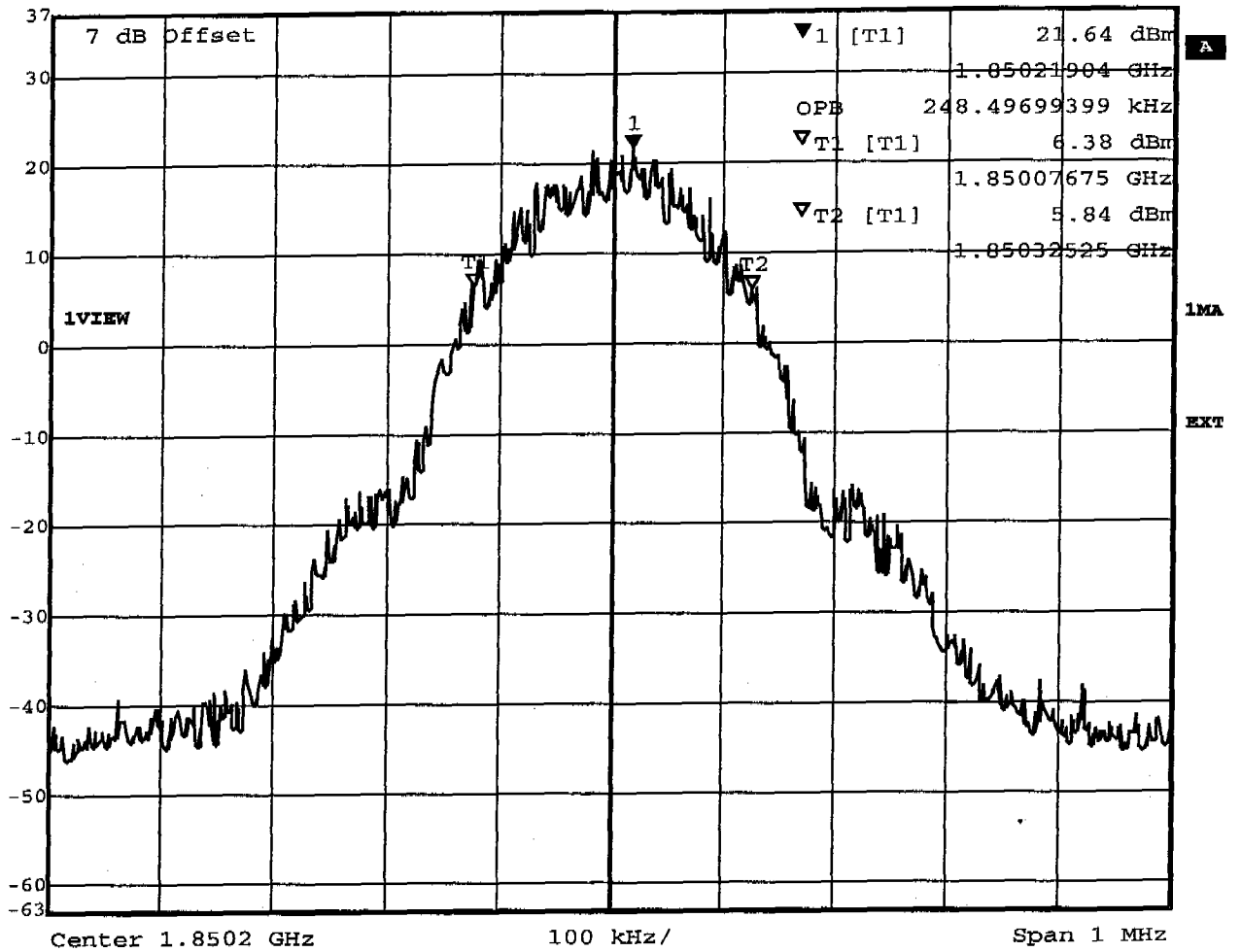
Emission Limitation

Appendix G

Occupied Bandwidth



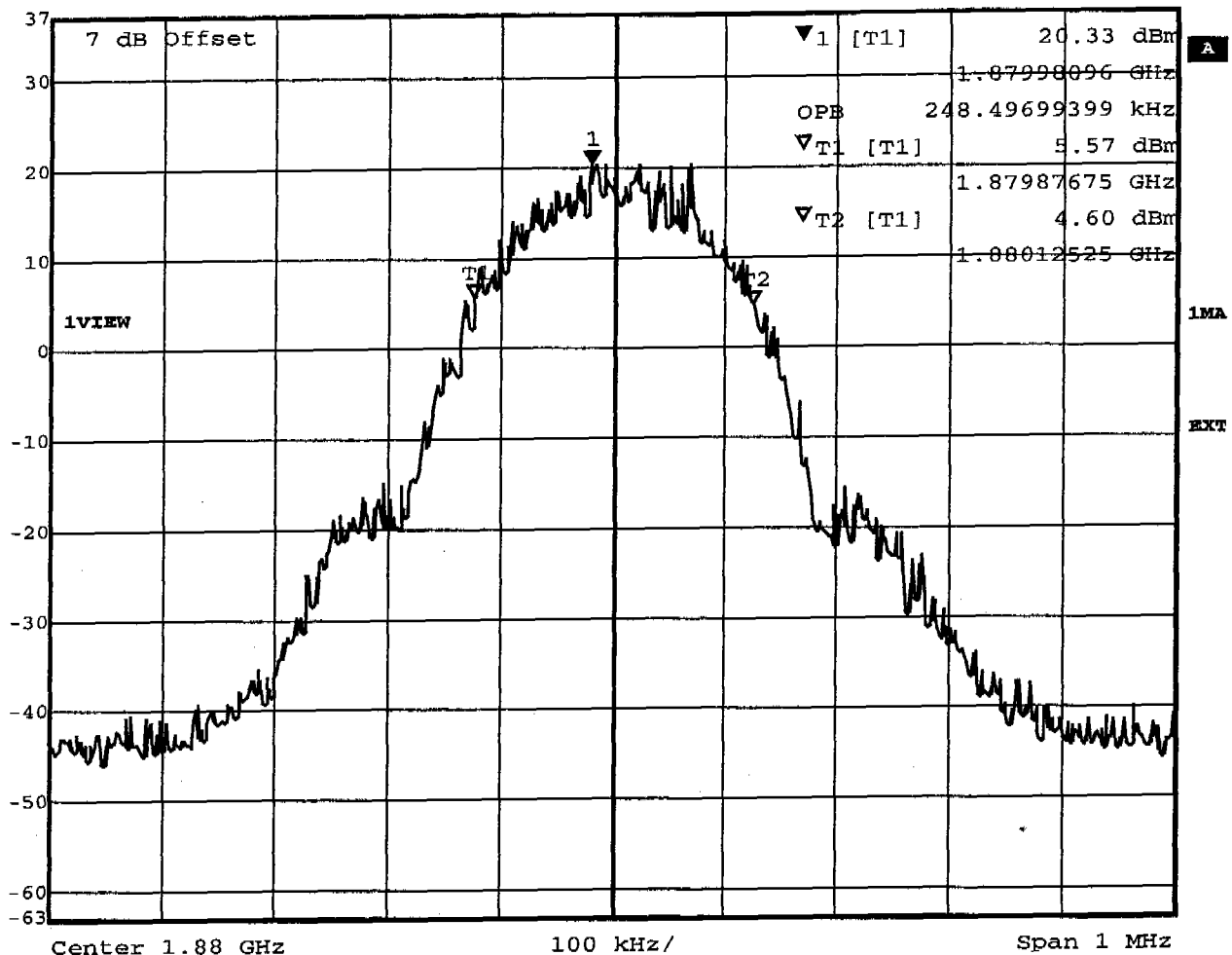
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 21.64 dBm VBW 3 kHz
37 dBm 1.85021904 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel 512
Date: 1.SEP.2003 15:23:01



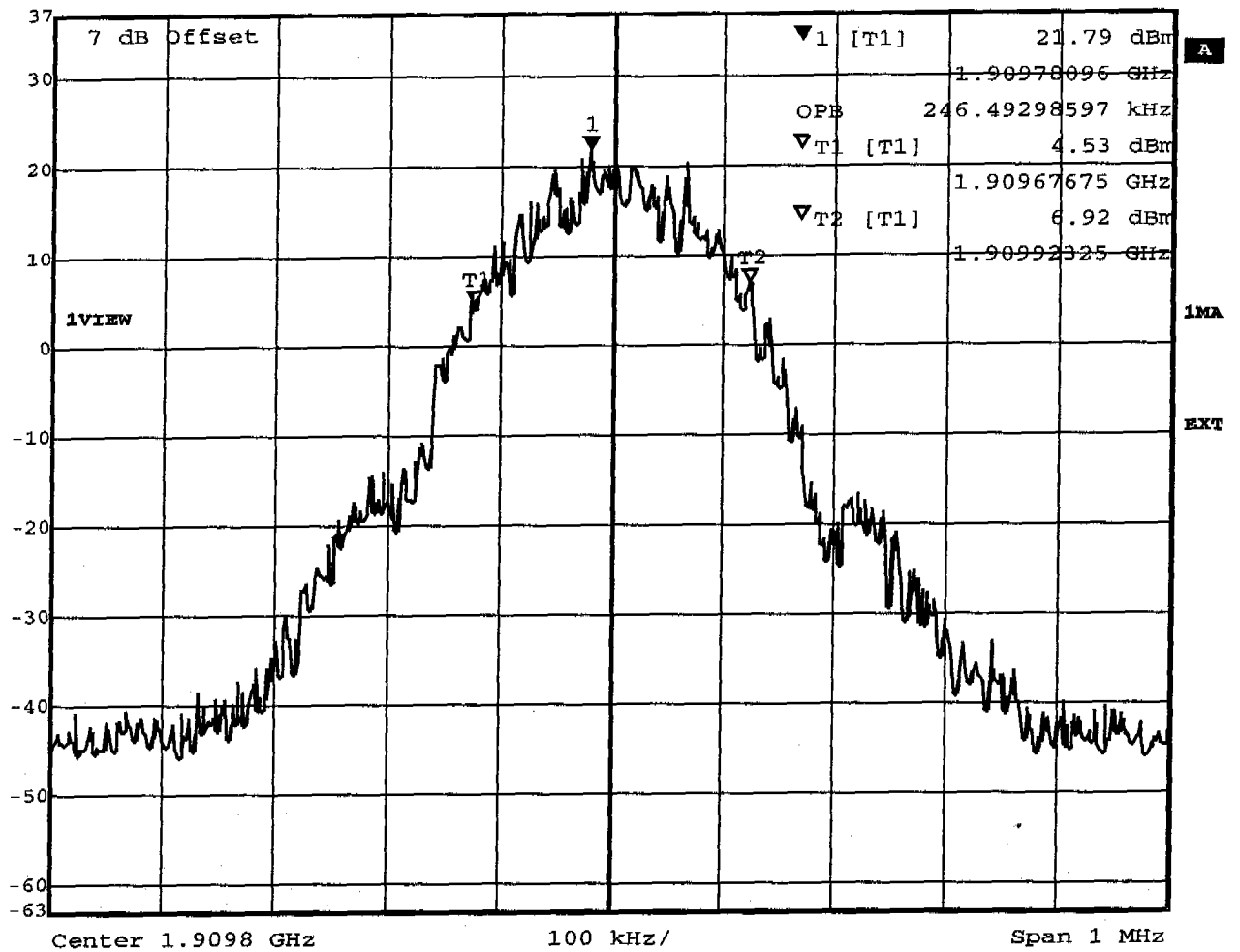
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 20.33 dBm VBW 3 kHz
37 dBm 1.87998096 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel 661
Date: 1.SEP.2003 15:31:23



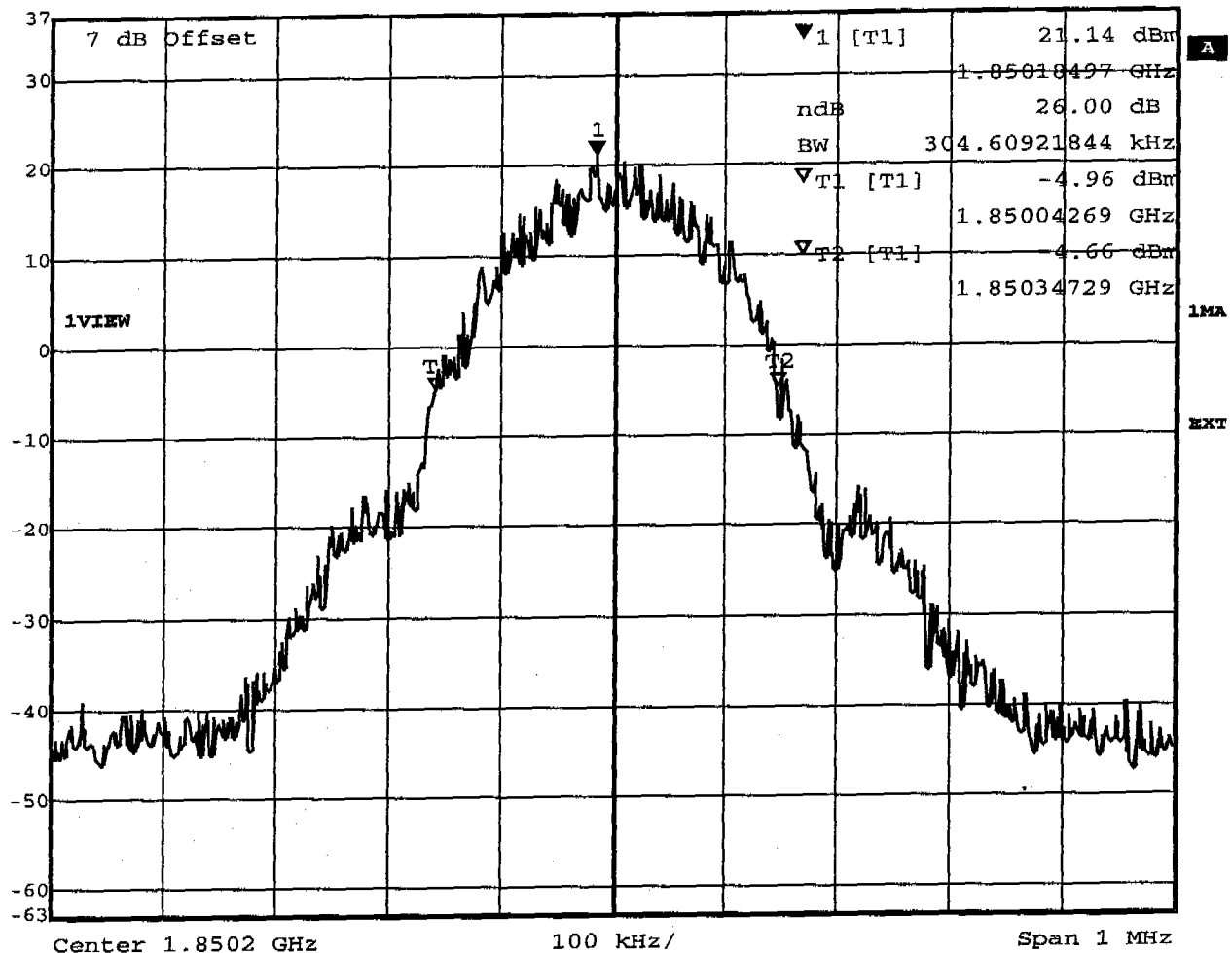
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 21.79 dBm VBW 3 kHz
37 dBm 1.90978096 GHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel 810
Date: 1.SEP.2003 15:37:18



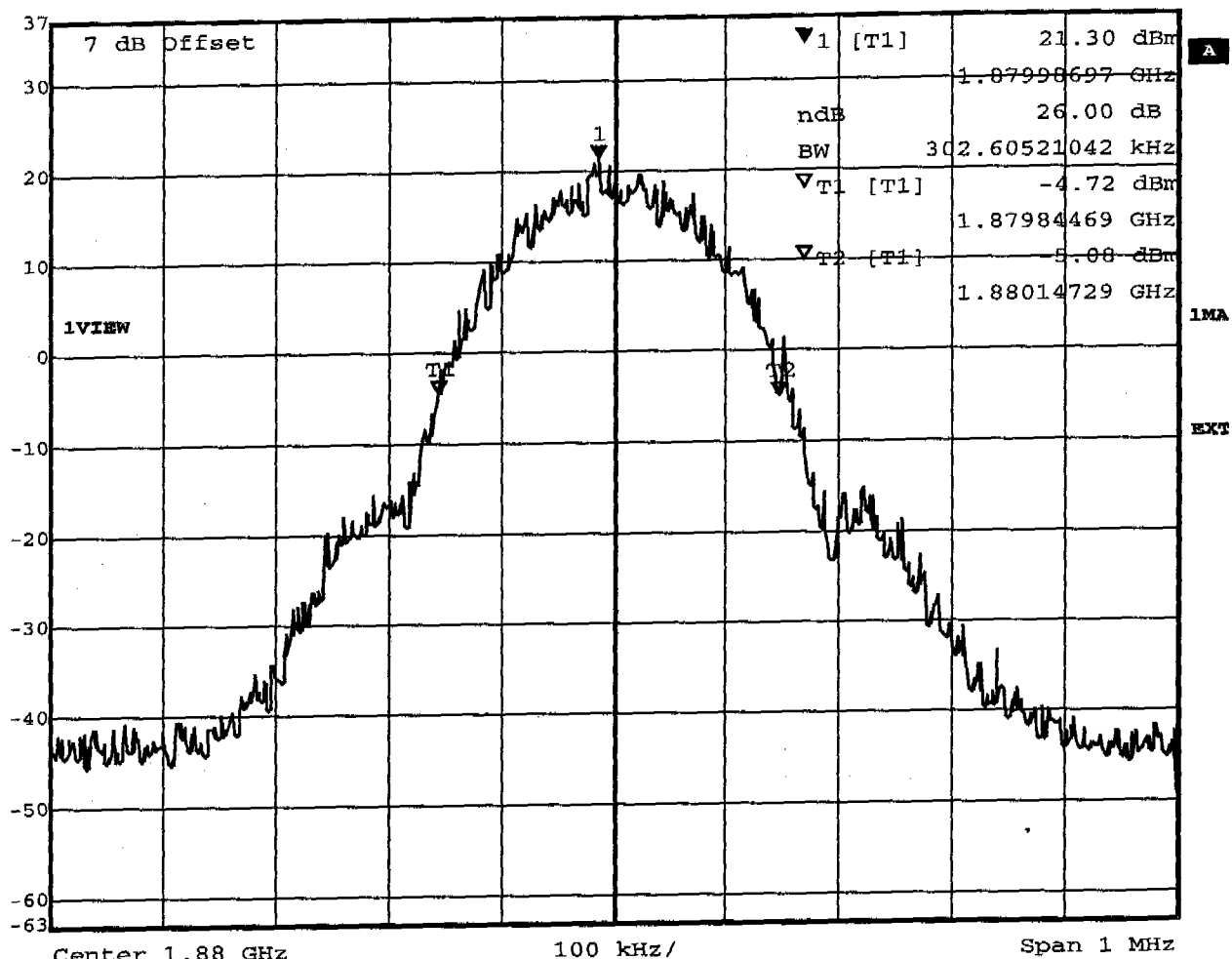
Ref Lvl 37 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 60 dB
BW 304.60921844 kHz VBW 3 kHz Unit dBm
SWT 280 ms



Title: -26 dBc Emission Bandwidth Channel 512
Date: 1.SEP.2003 15:21:41



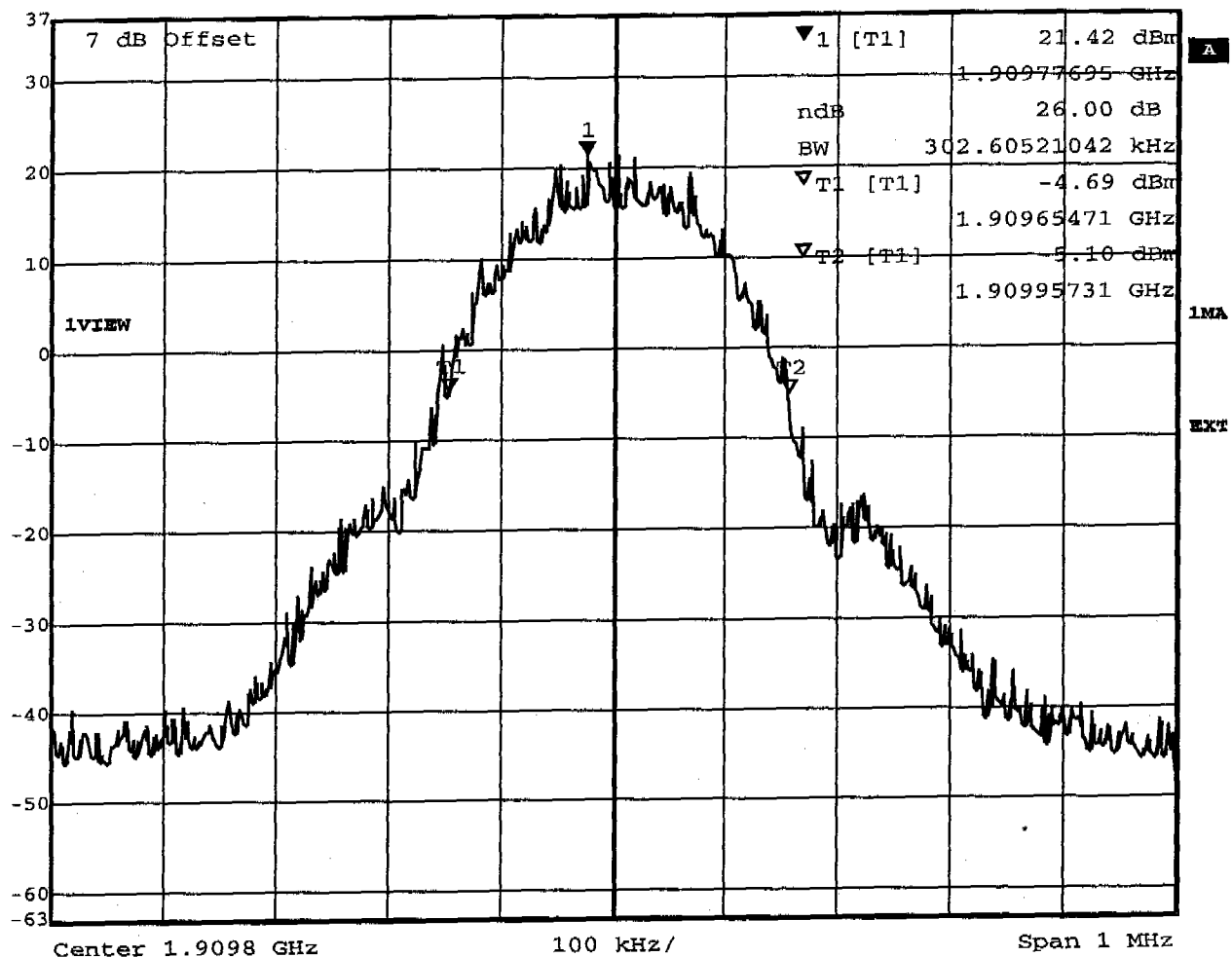
Ref Lvl 37 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 60 dB
BW 302.60521042 kHz VBW 3 kHz Unit dBm
SWT 280 ms



Title: -26 dBc Emission Bandwidth Channel 661
Date: 1.SEP.2003 15:32:31



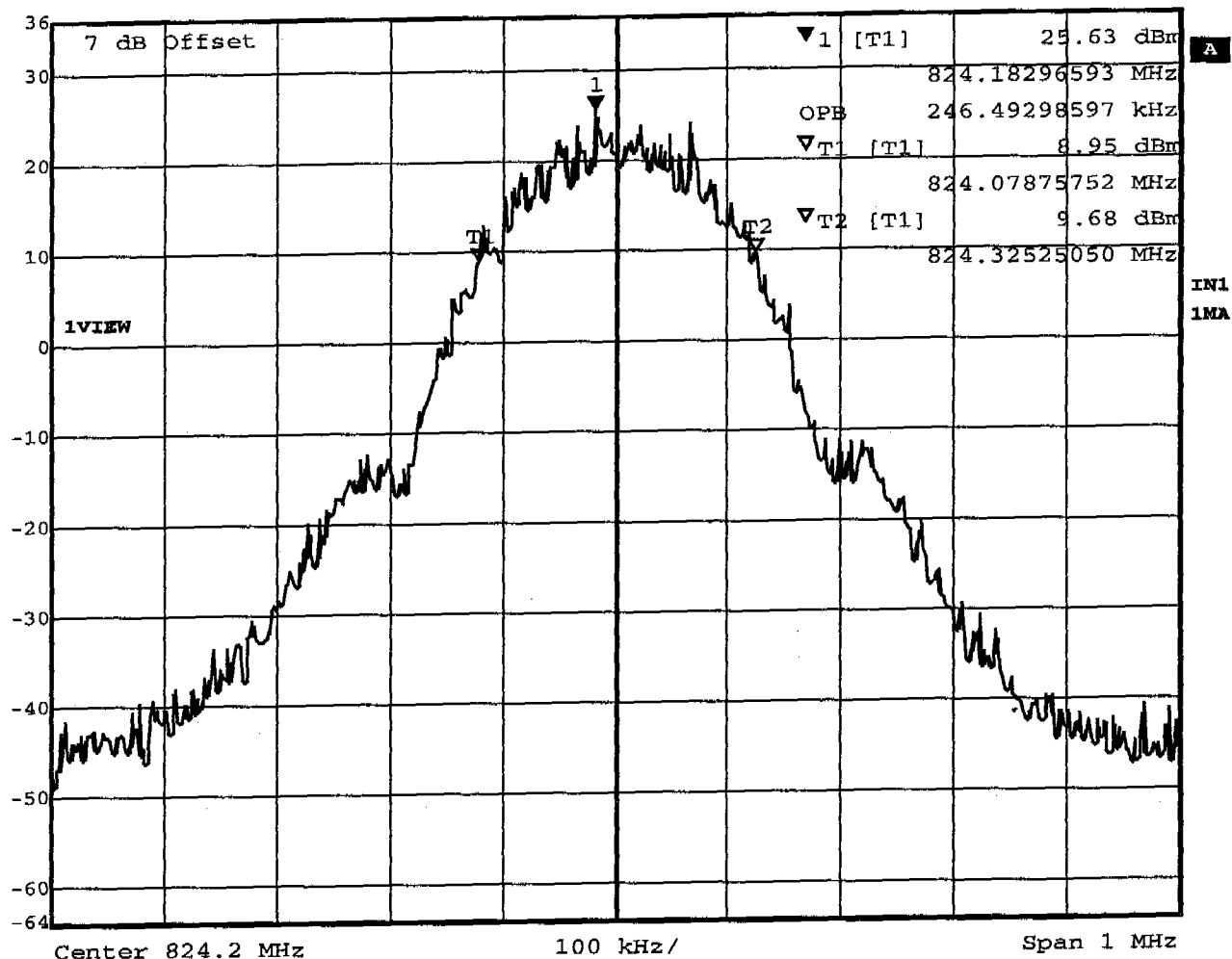
Marker 1 [T1 ndB] RBW 3 kHz RF Att 60 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
37 dBm BW 302.60521042 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel 810
Date: 1.SEP.2003 15:38:19



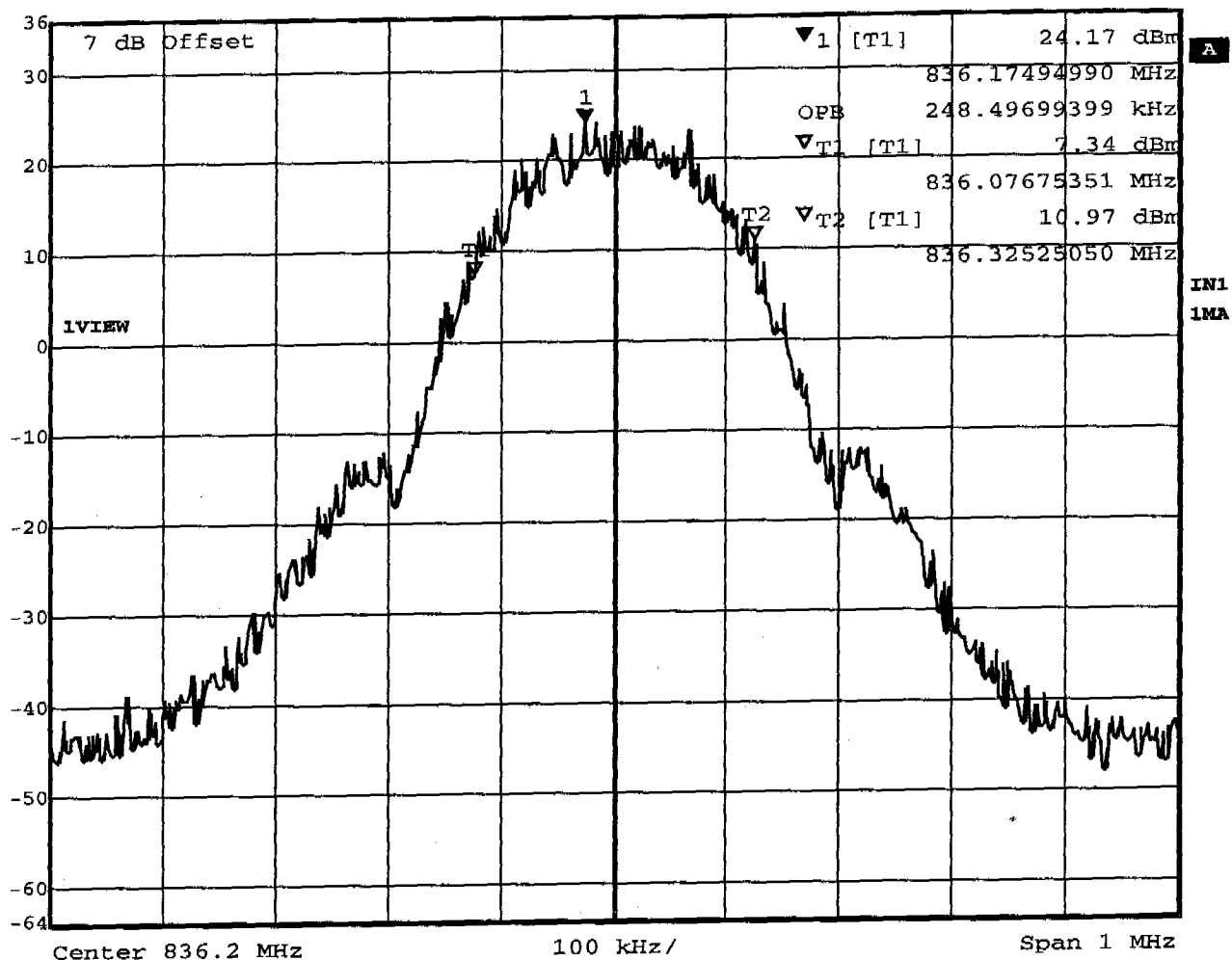
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 25.63 dBm VBW 3 kHz
36 dBm 824.18296593 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 128
Date: 2.SEP.2003 07:10:33



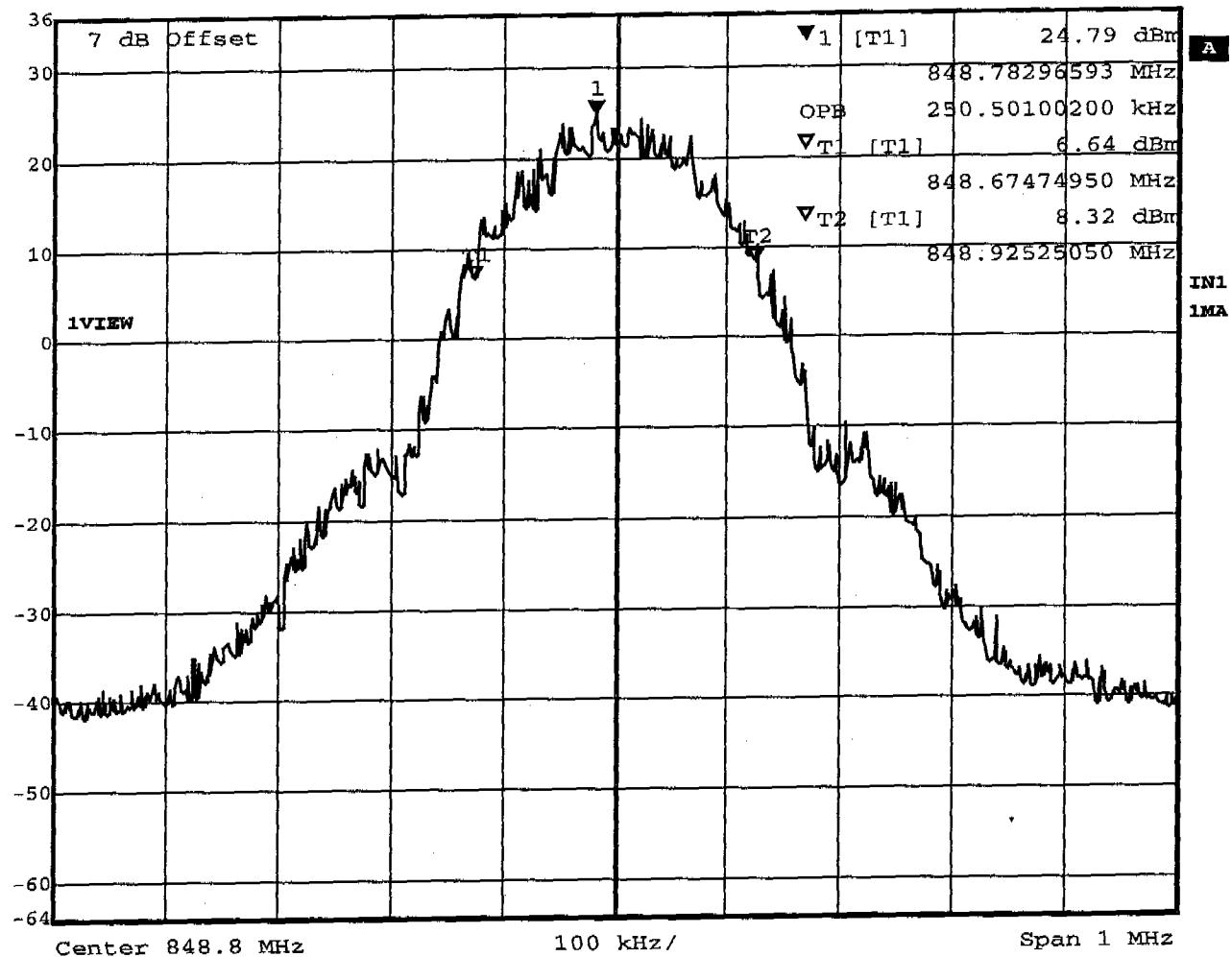
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.17 dBm VBW 3 kHz
36 dBm 836.17494990 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 188
Date: 2.SEP.2003 07:16:16



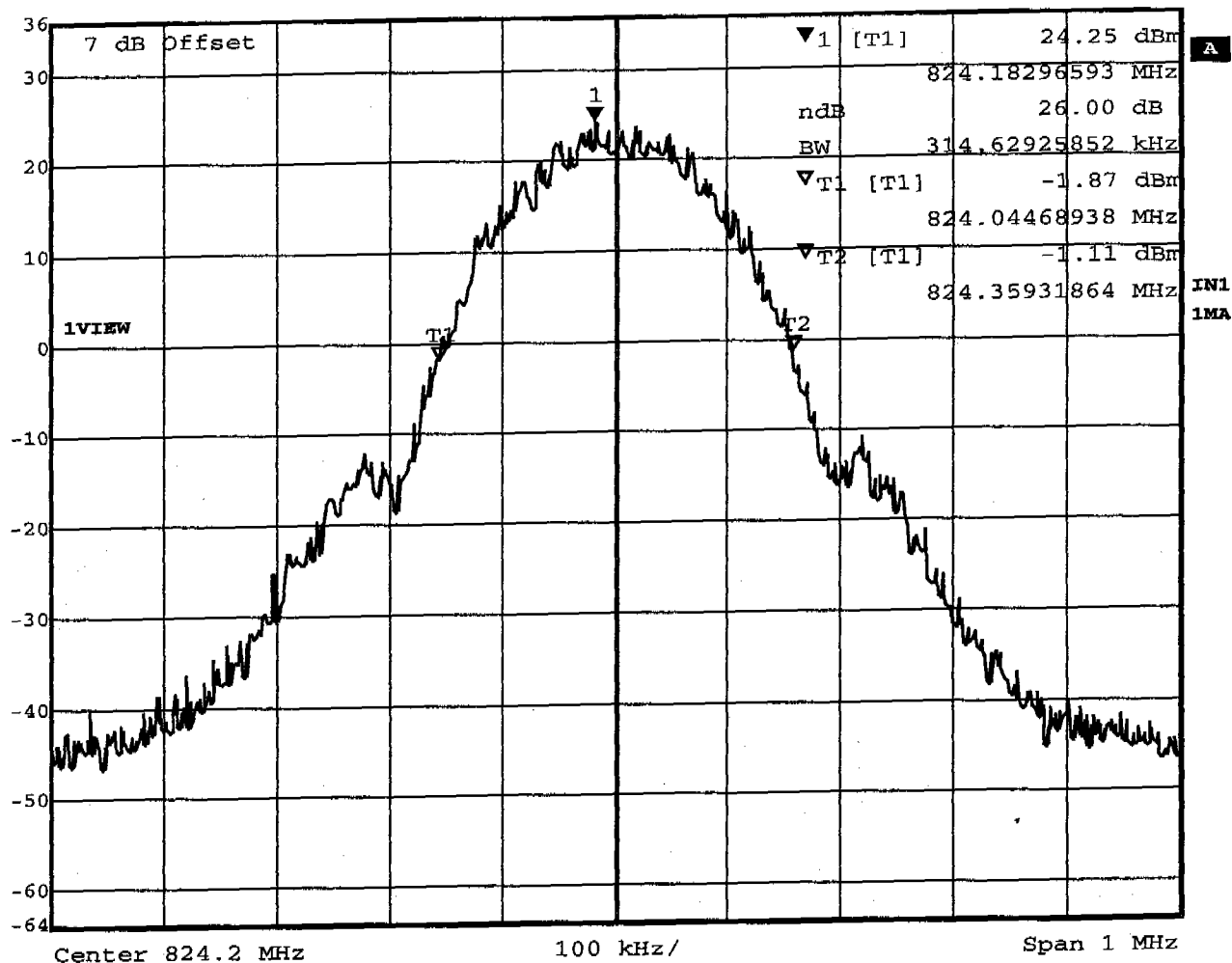
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 24.79 dBm VBW 3 kHz
36 dBm 848.78296593 MHz SWT 280 ms Unit dBm



Title: Occupied Power Bandwidth Channel: 251
Date: 2.SEP.2003 07:28:47



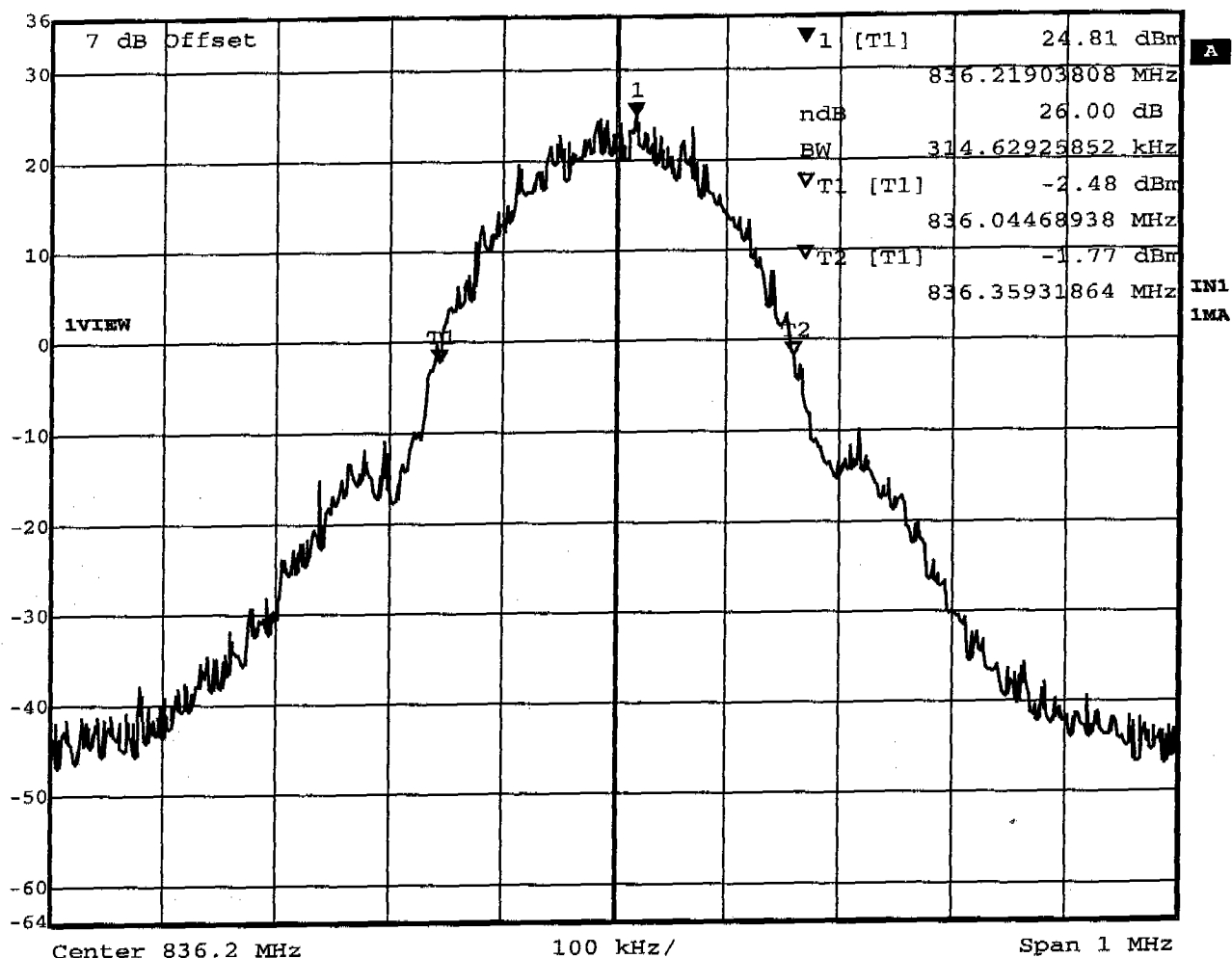
Ref Lvl 36 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 50 dB
BW 314.62925852 kHz VBW 3 kHz Unit dBm
SWT 280 ms



Title: -26 dBc Emission Bandwidth Channel: 128
Date: 2.SEP.2003 07:07:47



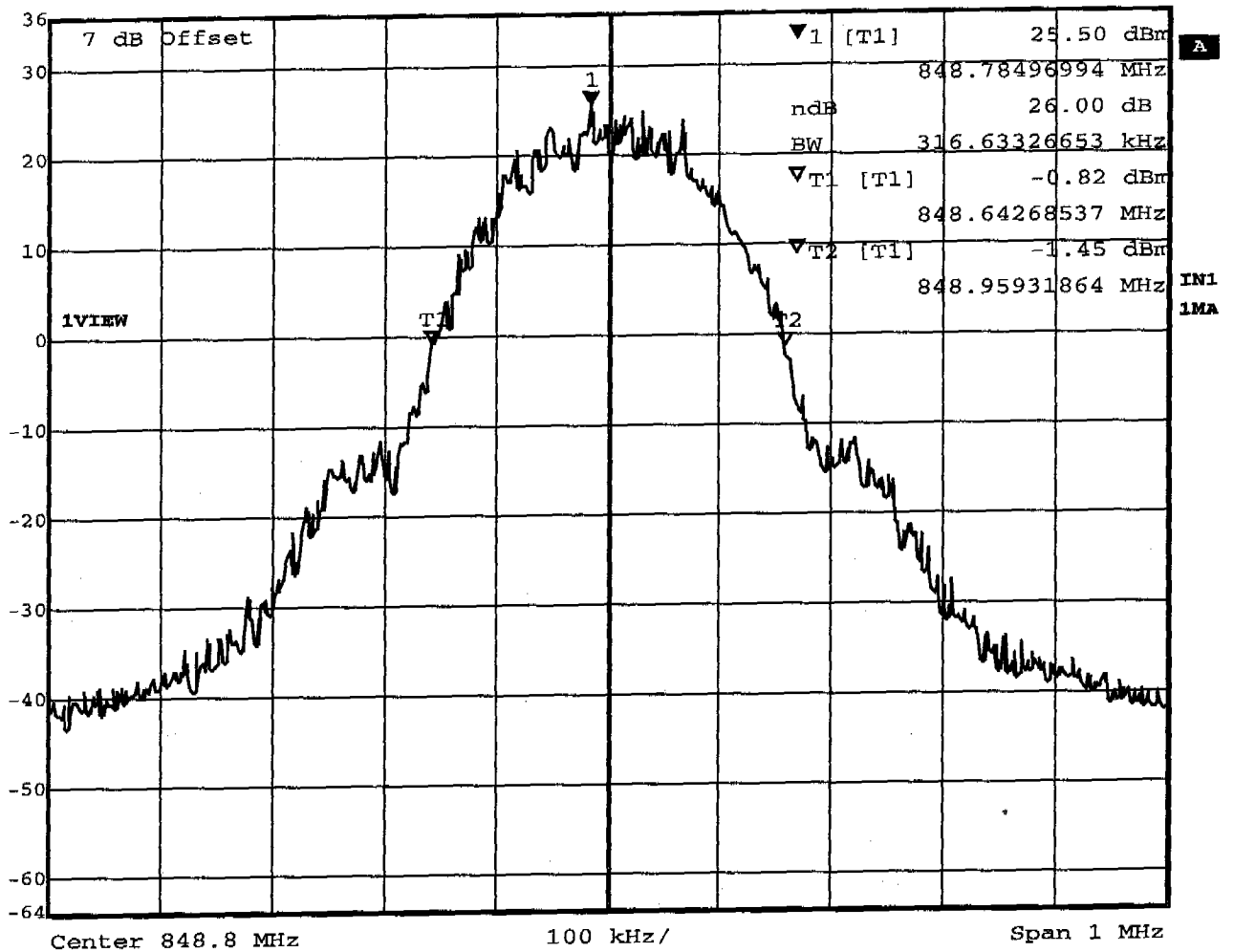
Marker 1 [T1 ndB] RBW 3 kHz RF Att 50 dB
Ref Lvl ndB 26.00 dB VBW 3 kHz
36 dBm BW 314.62925852 kHz SWT 280 ms Unit dBm



Title: -26 dBc Emission Bandwidth Channel: 188
Date: 2.SEP.2003 07:18:17



Ref Lvl 36 dBm Marker 1 [T1 ndB] 26.00 dB RBW 3 kHz RF Att 50 dB
BW 316.63326653 kHz VBW 3 kHz Unit dBm
SWT 280 ms



Title: -26 dBc Emission Bandwidth Channel: 251
Date: 2.SEP.2003 07:30:37

Appendix H

Emissions in Receiver Critical Band



Ref Lvl
-10 dBm

Marker 1 [T1]

-89.54 dBm

875.96392786 MHz

RBW

30 kHz

VBW

30 kHz

SWT

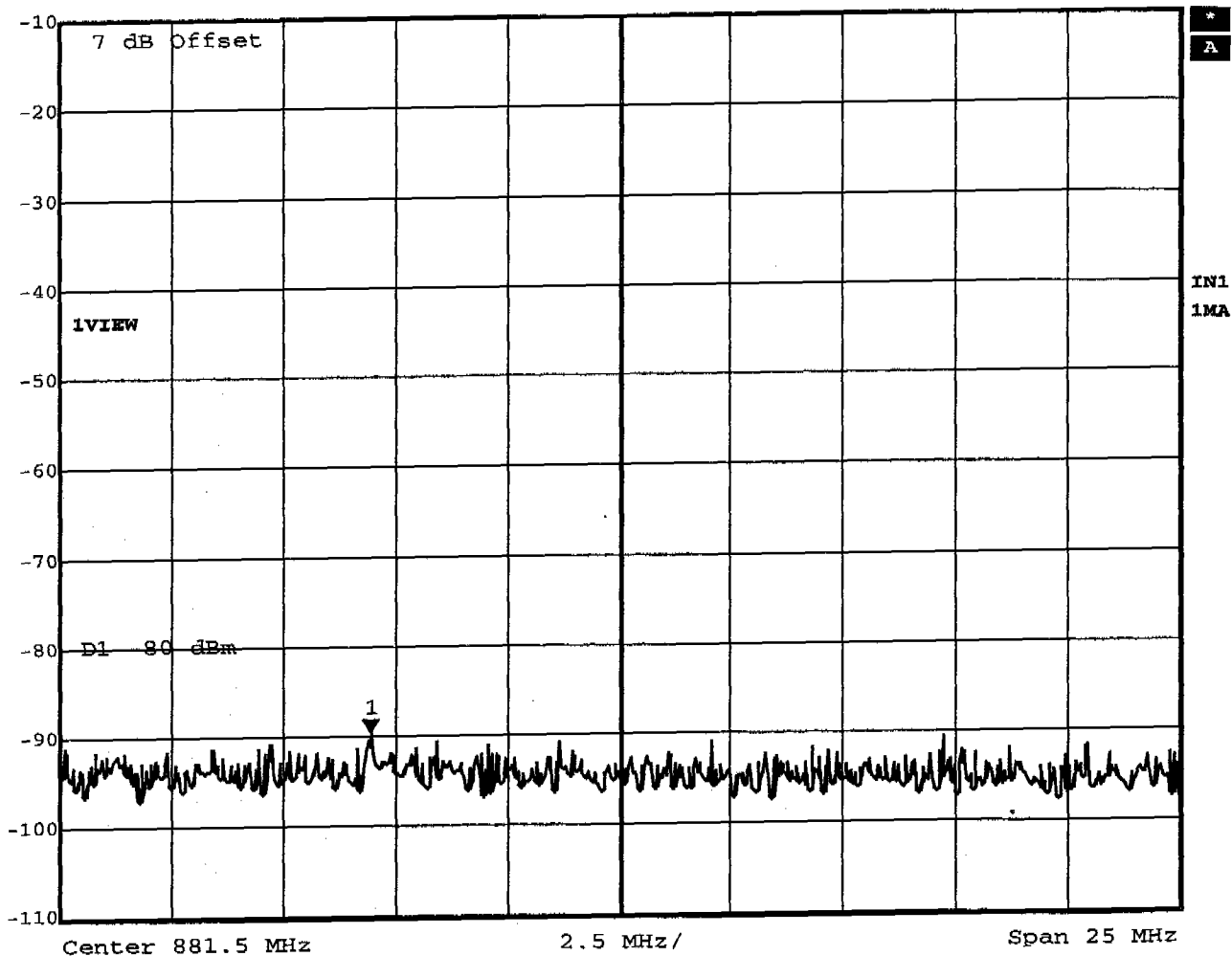
70 ms

RF Att

0 dB

Unit

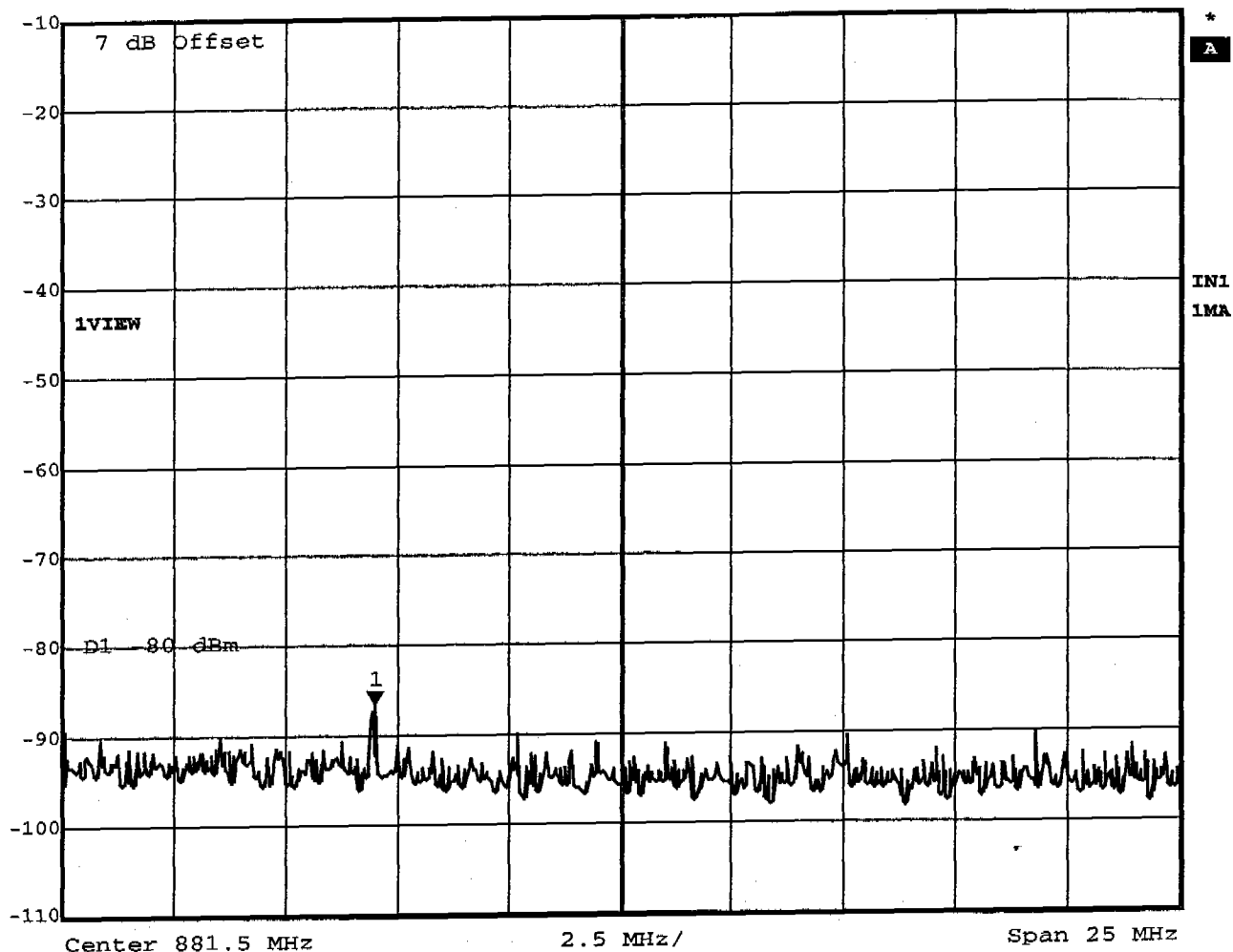
dBm



Title: Emissions in Receiver Critical Band Channel: 128
Date: 2.SEP.2003 08:21:48



Marker 1 [T1] RBW 30 kHz RF Att 0 dB
Ref Lvl -86.74 dBm VBW 30 kHz
-10 dBm 876.01402806 MHz SWT 70 ms Unit dBm



Title: Emissions in Receiver Critical Band Channel: 188
Date: 2.SEP.2003 08:16:08



Ref Lvl
-10 dBm

Marker 1 [T1]

-94.27 dBm

887.18637275 MHz

RBW

30 kHz

VBW

30 kHz

SWT

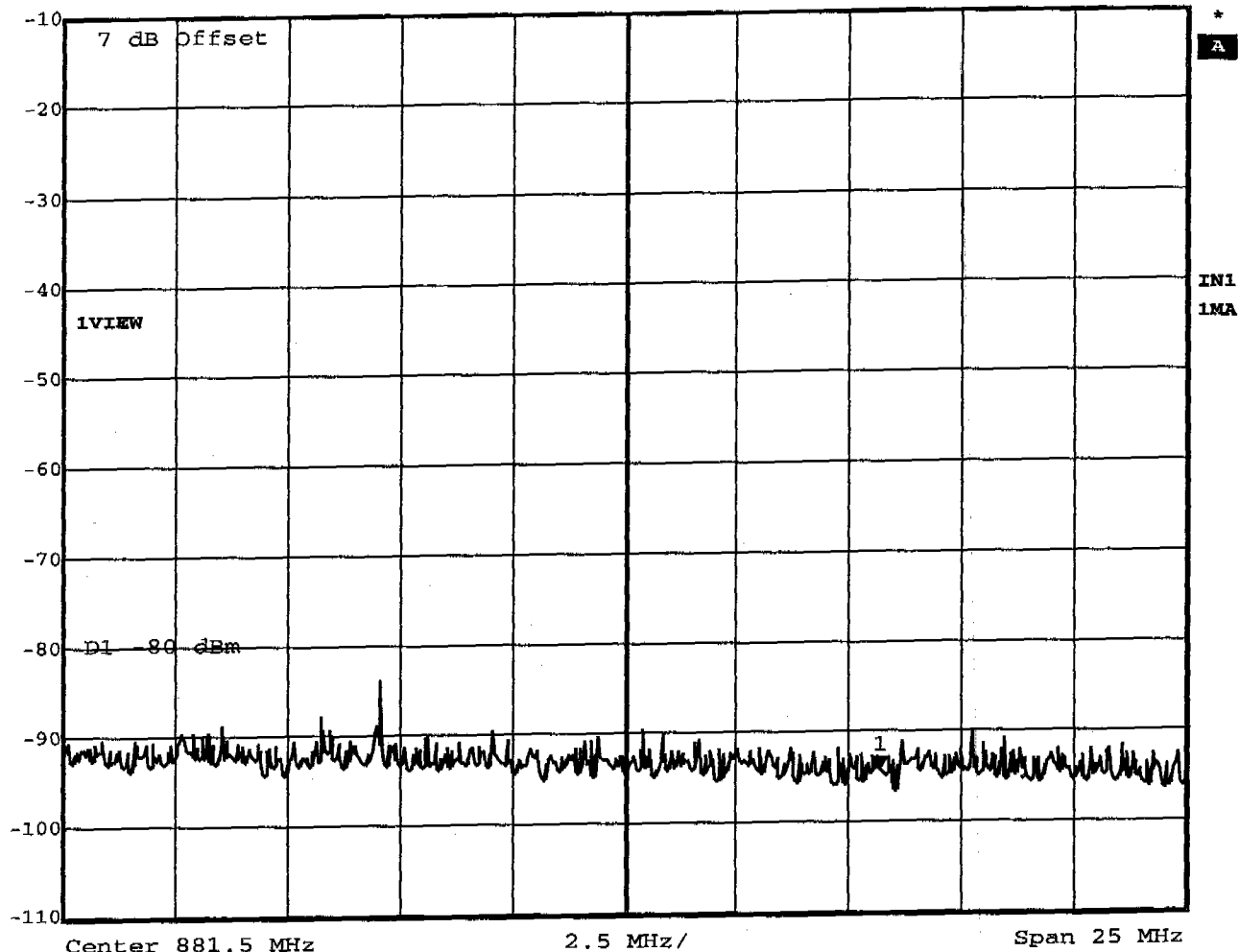
70 ms

RF Att

0 dB

Unit

dBm



Title: Emissions in Receiver Critical Band Channel: 251
Date: 2.SEP.2003 08:19:21



Appendix I

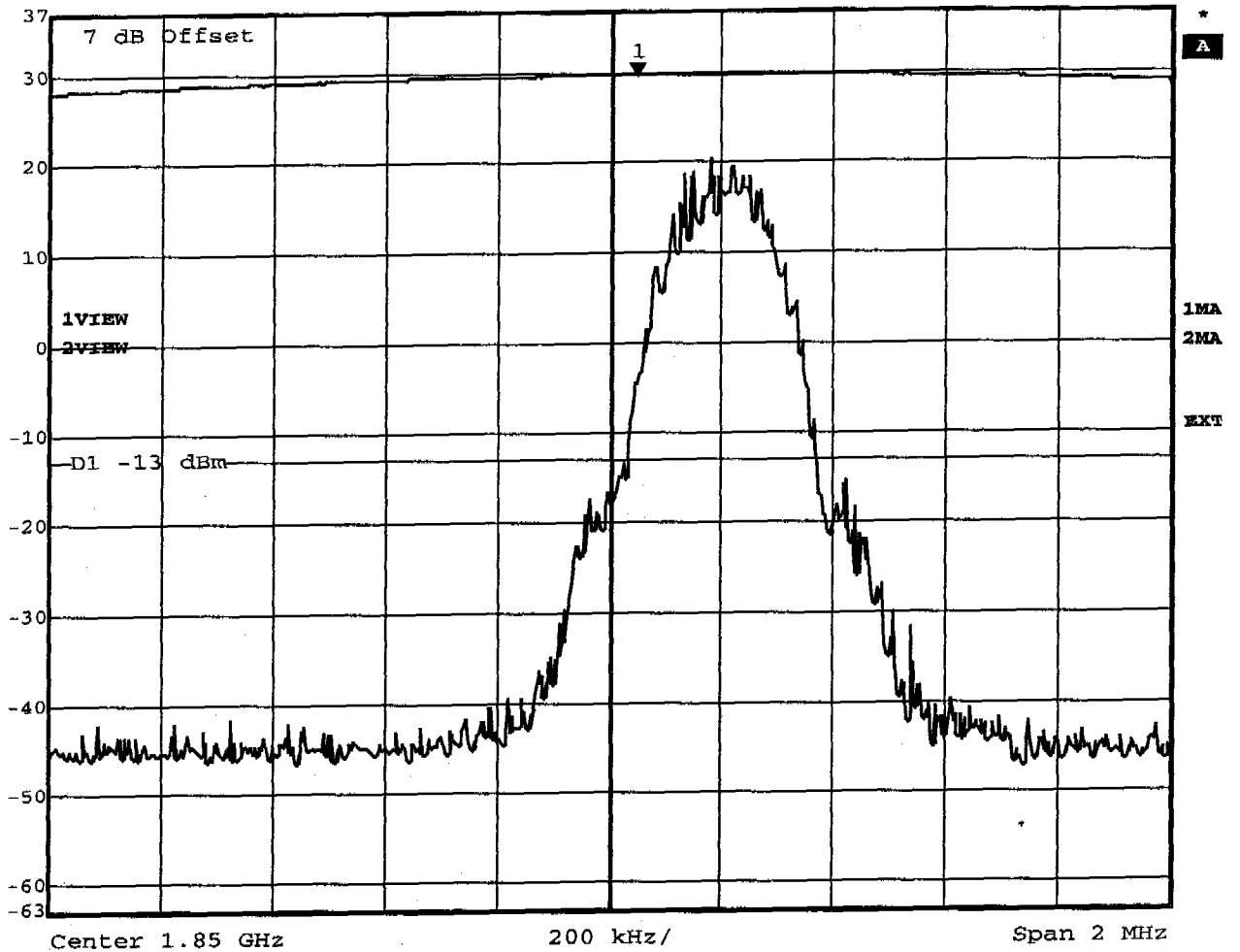
Out of Band Emission at Antenna Terminals Mobile Emissions In Base
Frequency Range

Appendix J

Field Strength of Spurious Radiation



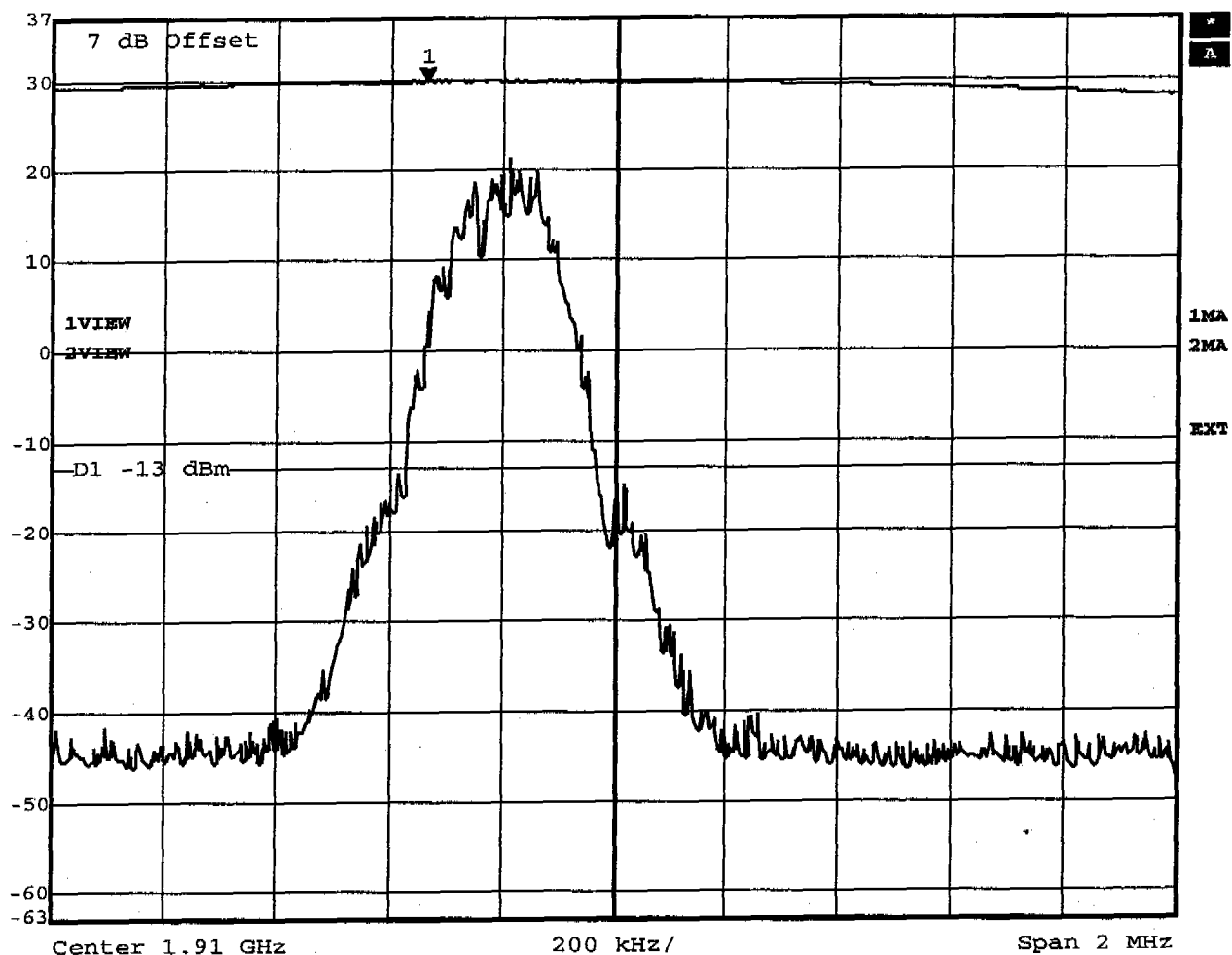
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 29.65 dBm VBW 3 kHz
37 dBm 1.85005010 GHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Date: 1.SEP.2003 15:20:54



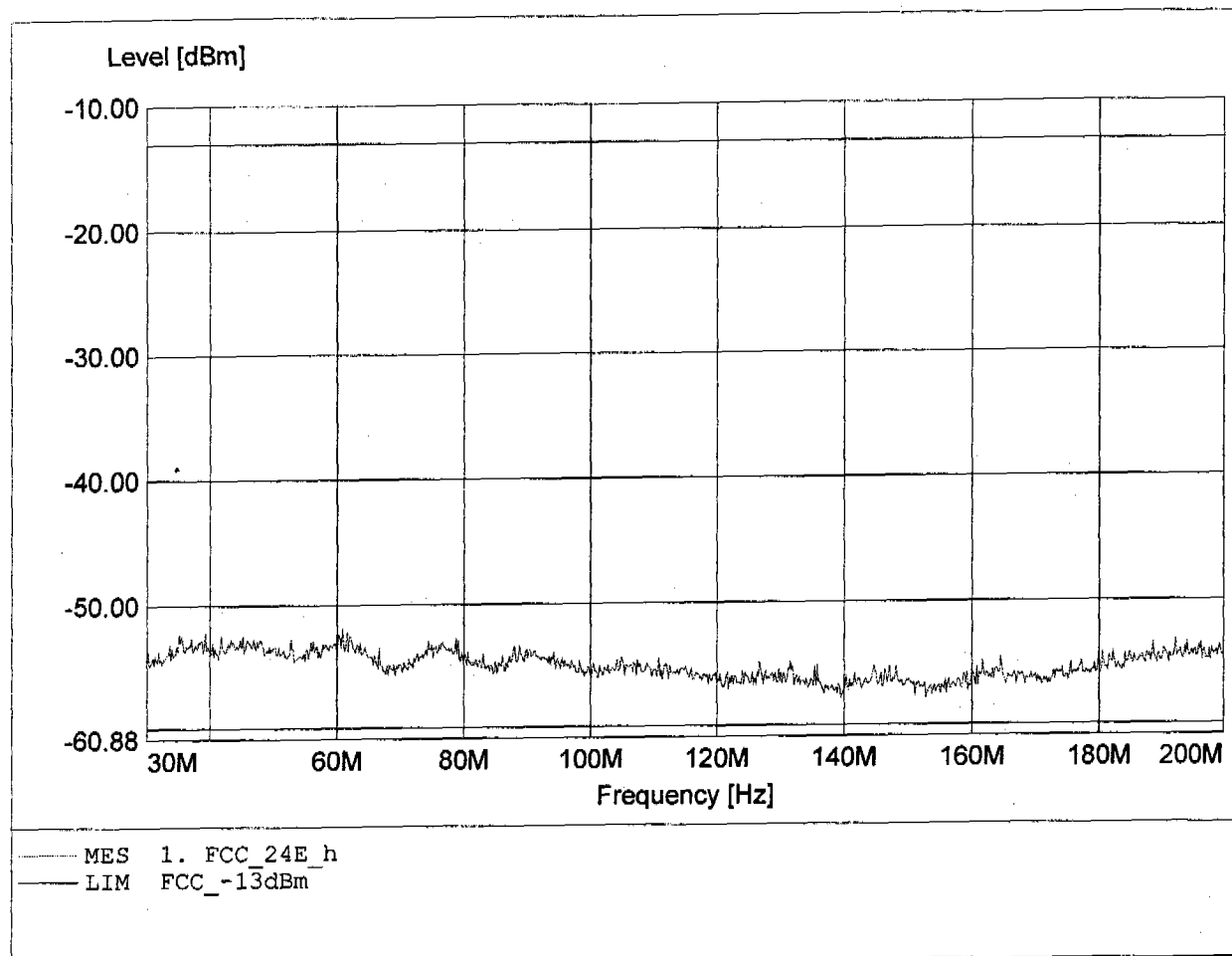
Marker 1 [T1] RBW 3 kHz RF Att 60 dB
Ref Lvl 29.82 dBm VBW 3 kHz
37 dBm 1.90966533 GHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Date: 1.SEP.2003 15:41:01

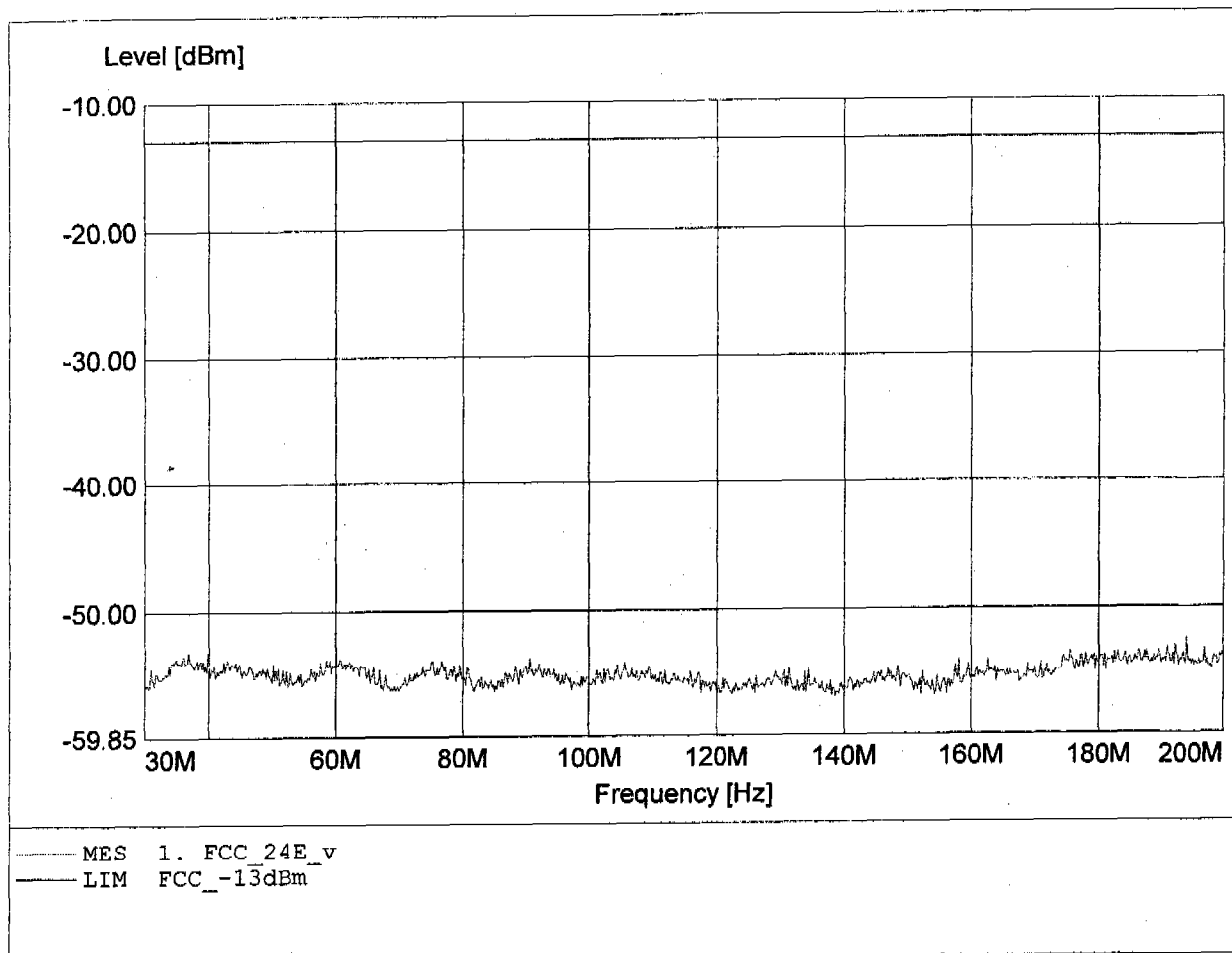
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 60.789MHz, Pmax: -51.91dBm, RBW: 1MHz



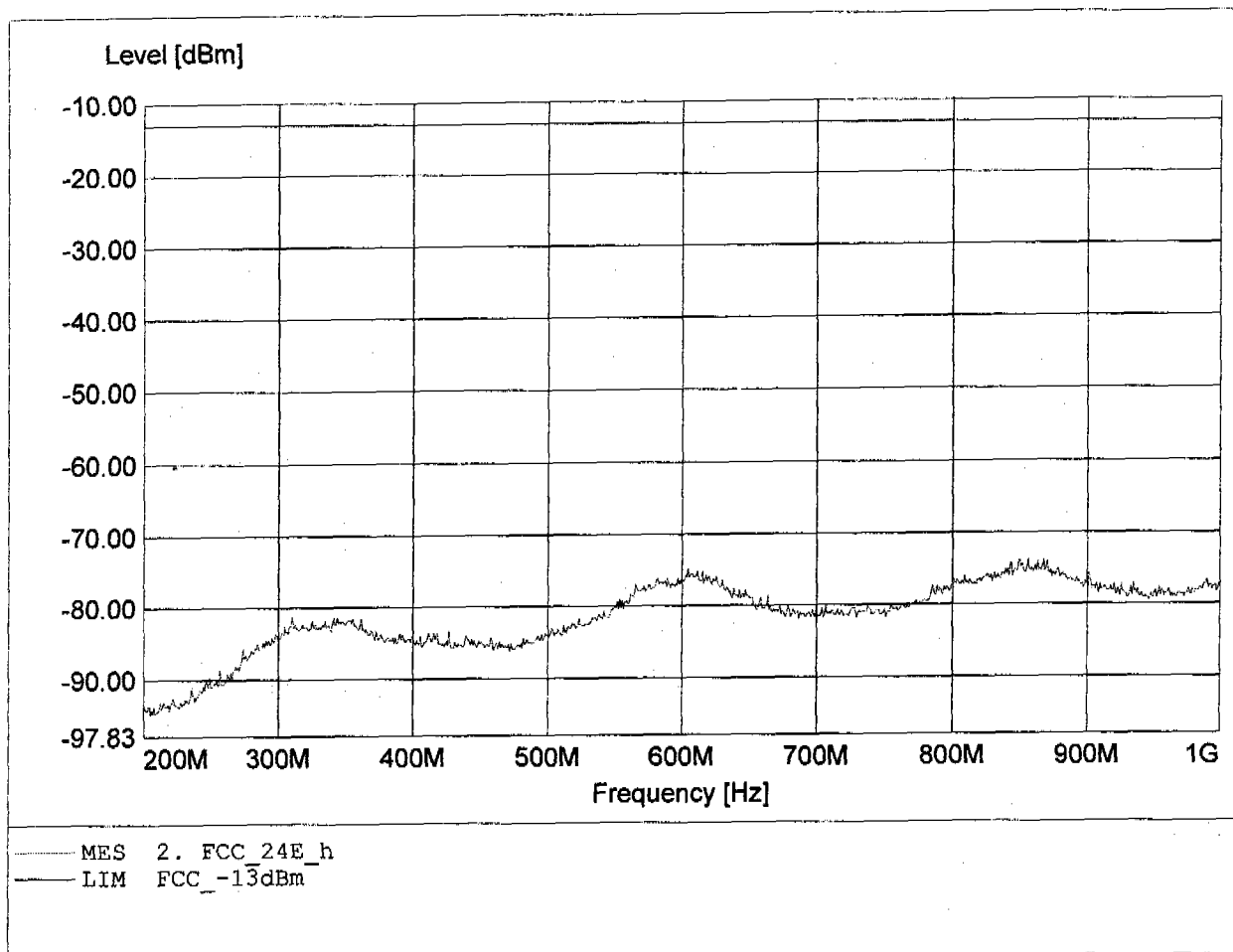
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.144MHz, Pmax: -52.40dBm, RBW: 1MHz



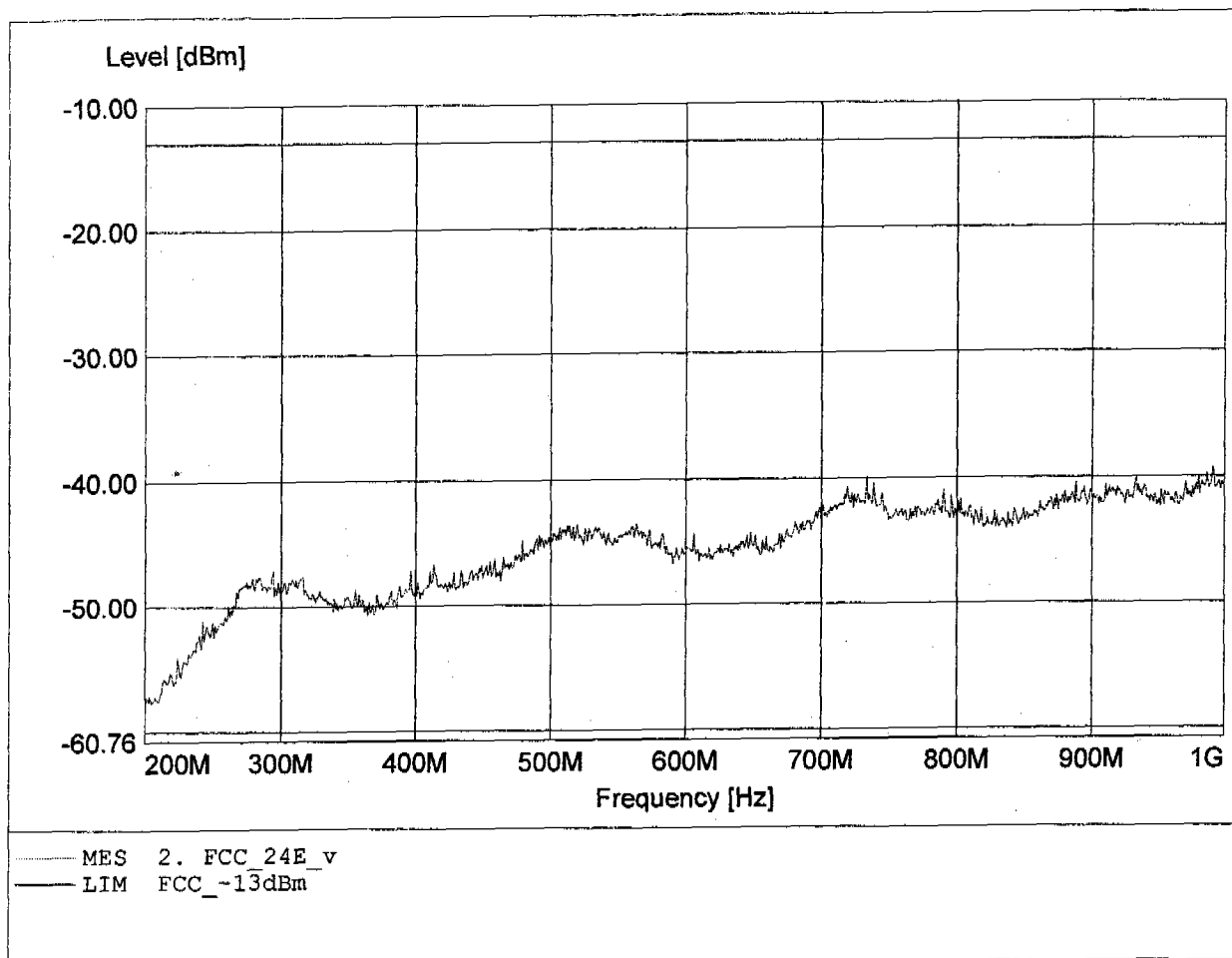
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 856.000MHz, Pmax: -73.62dBm, RBW: 1MHz



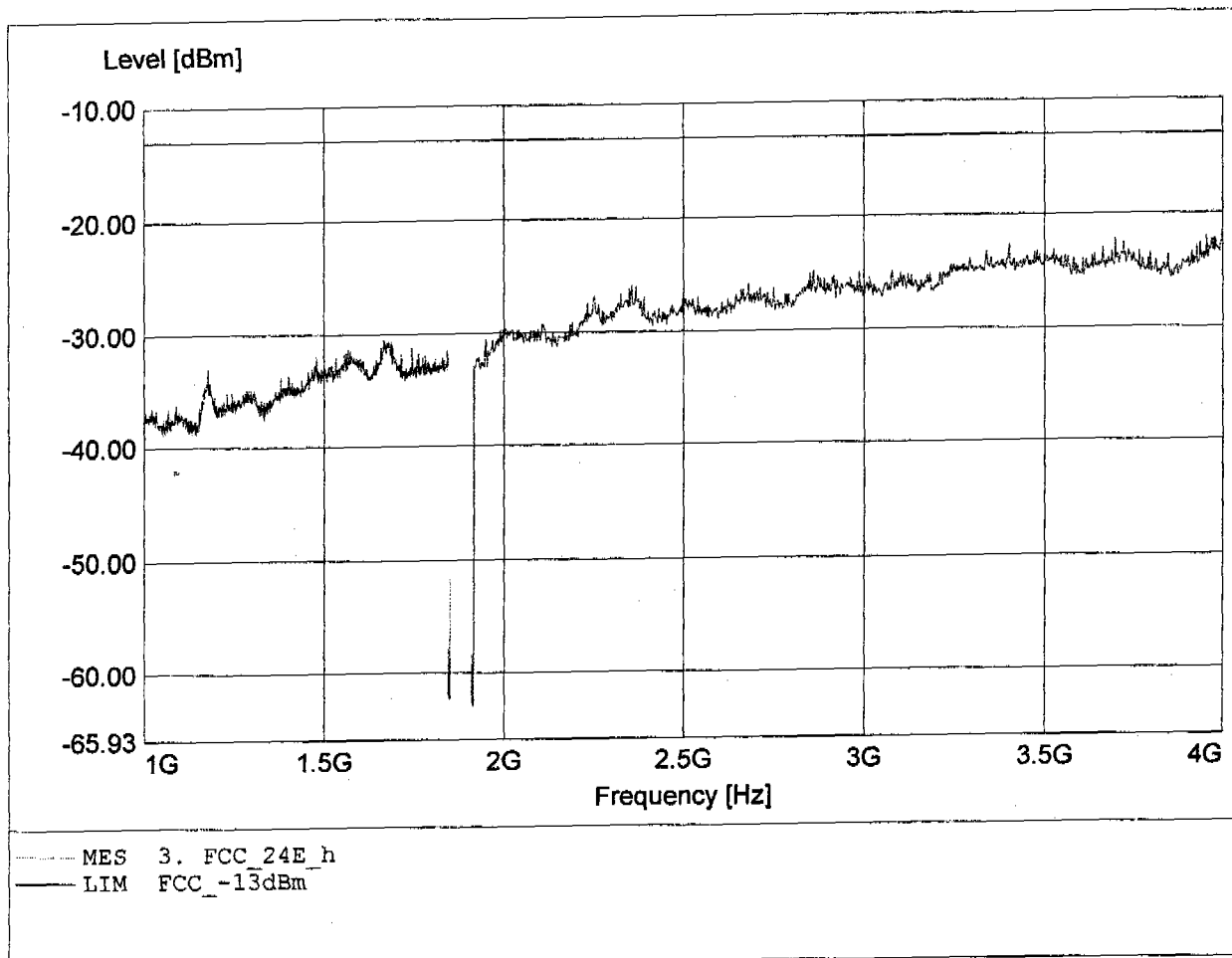
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 991.111MHz, Pmax: -39.27dBm, RBW: 1MHz



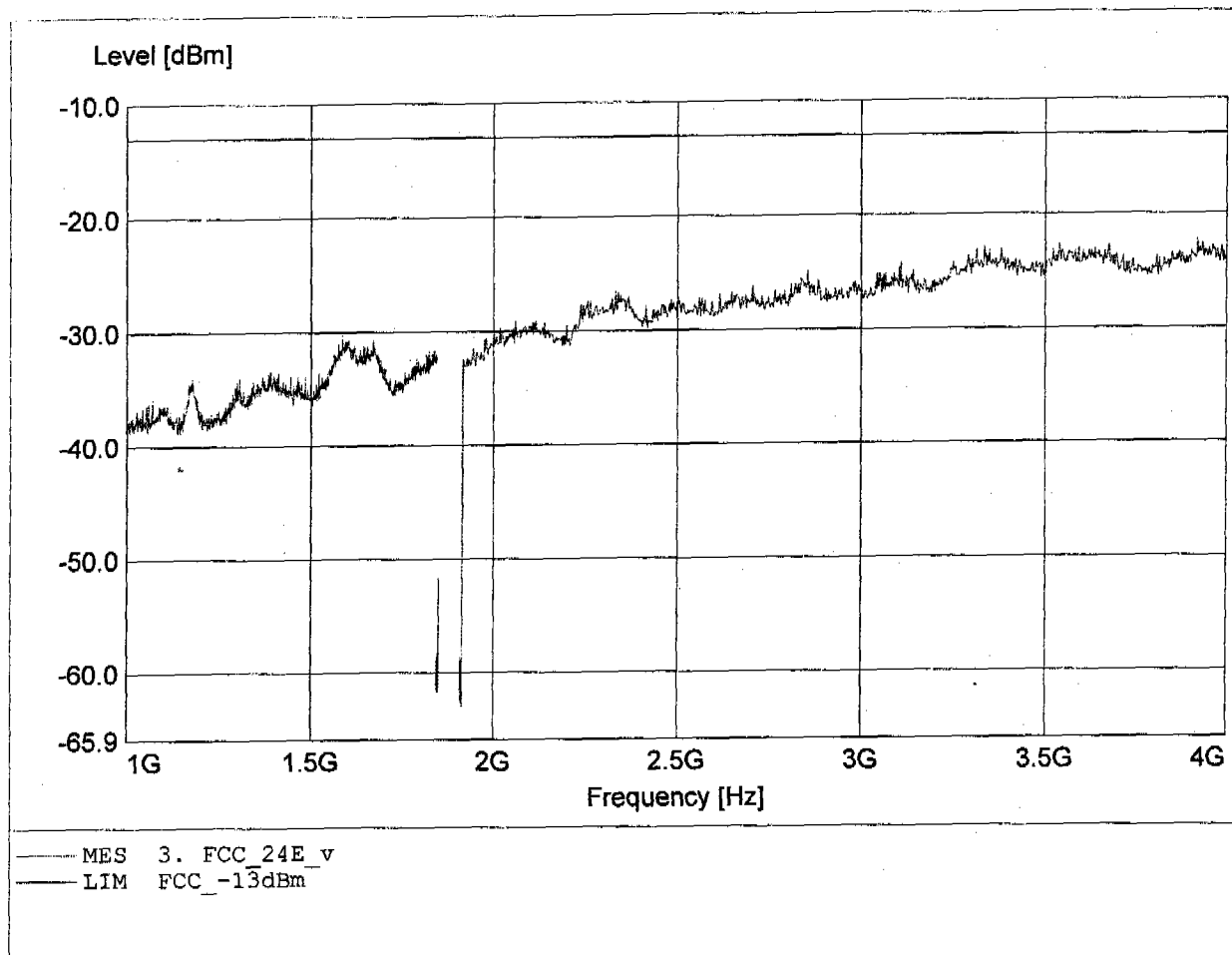
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 4.000GHz, Pmax: -21.50dBm, RBW: 1MHz/3kHz



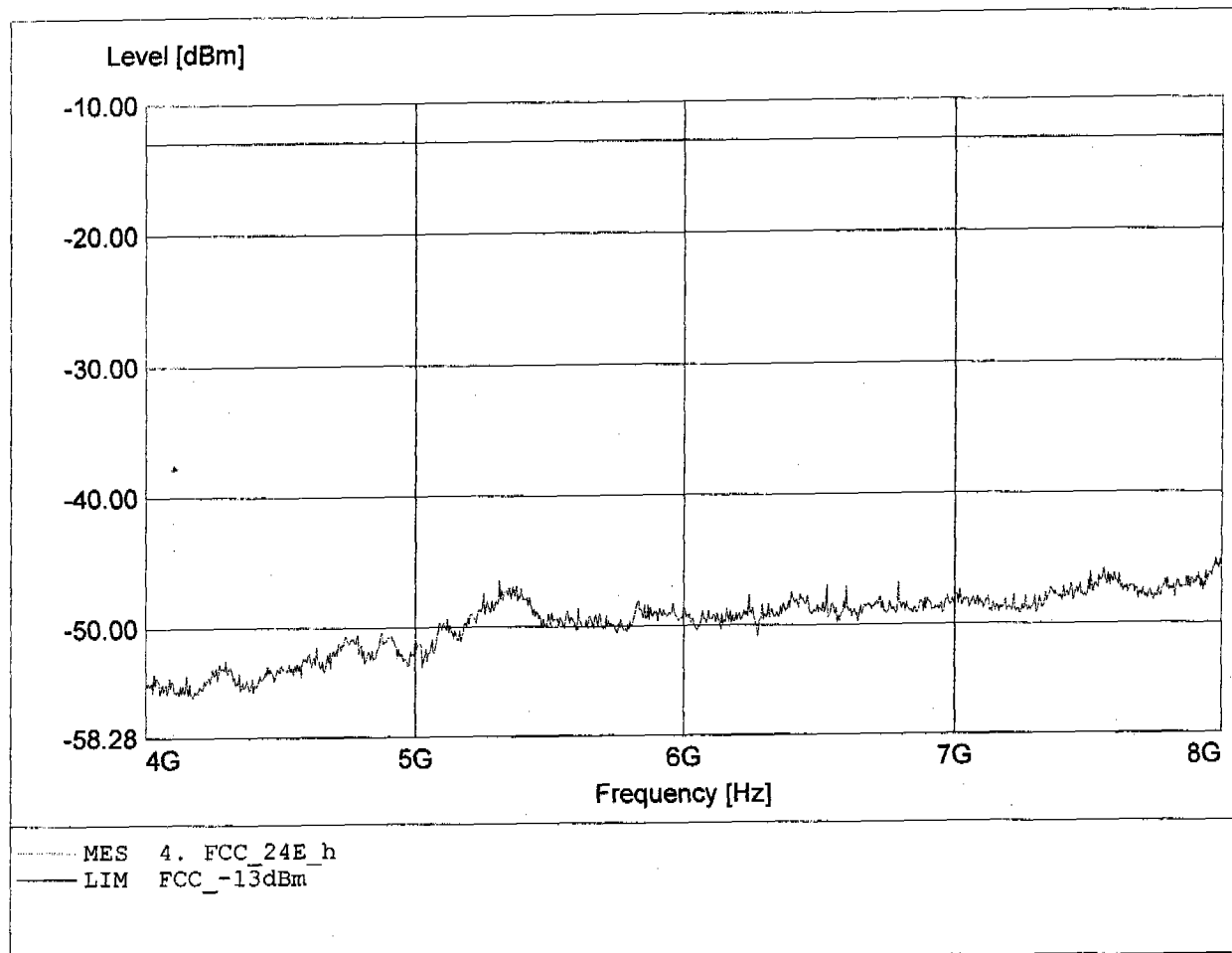
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.919GHz, Pmax: -22.15dBm, RBW: 1MHz/3kHz



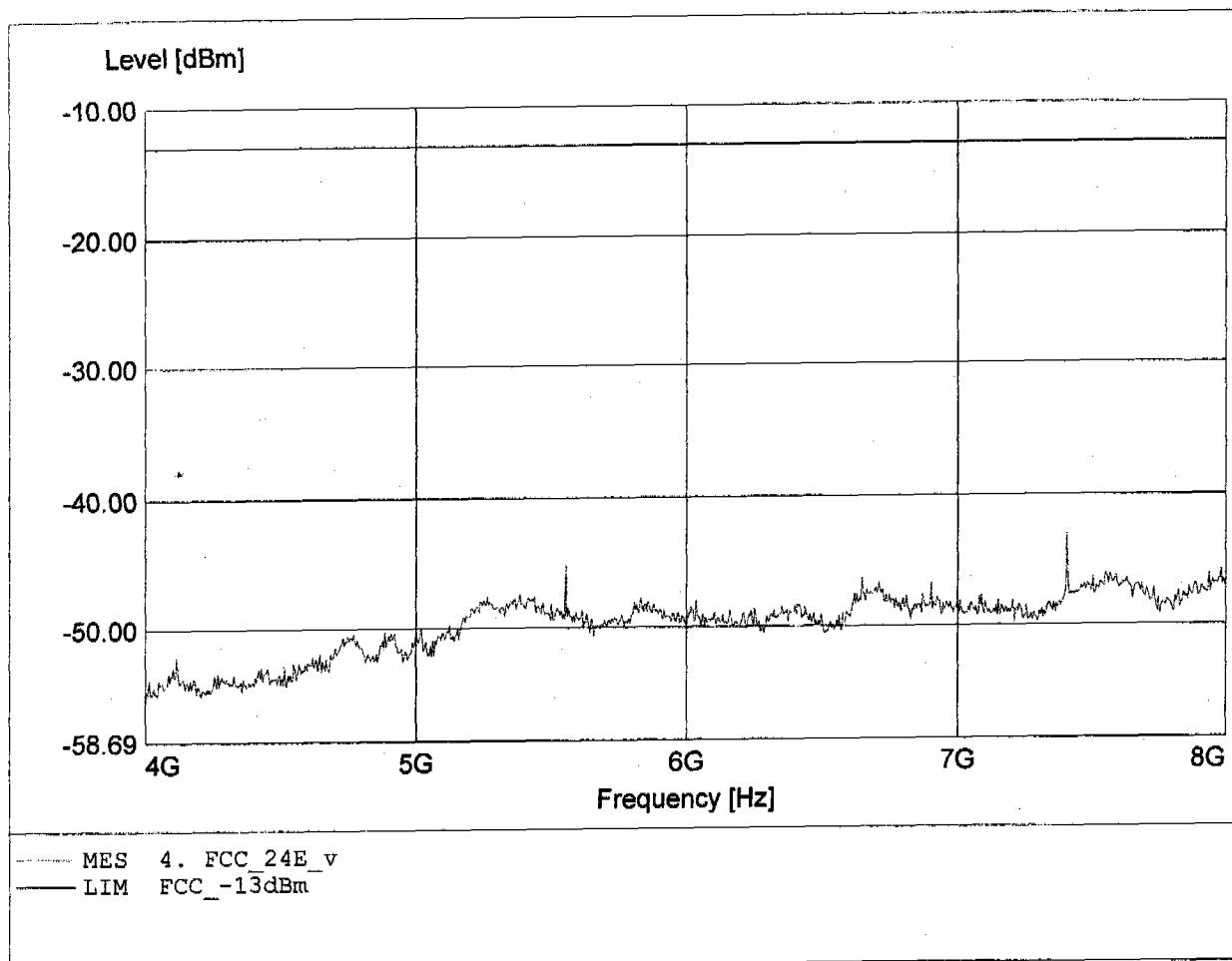
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.978GHz, Pmax: -45.15dBm, RBW: 1MHz



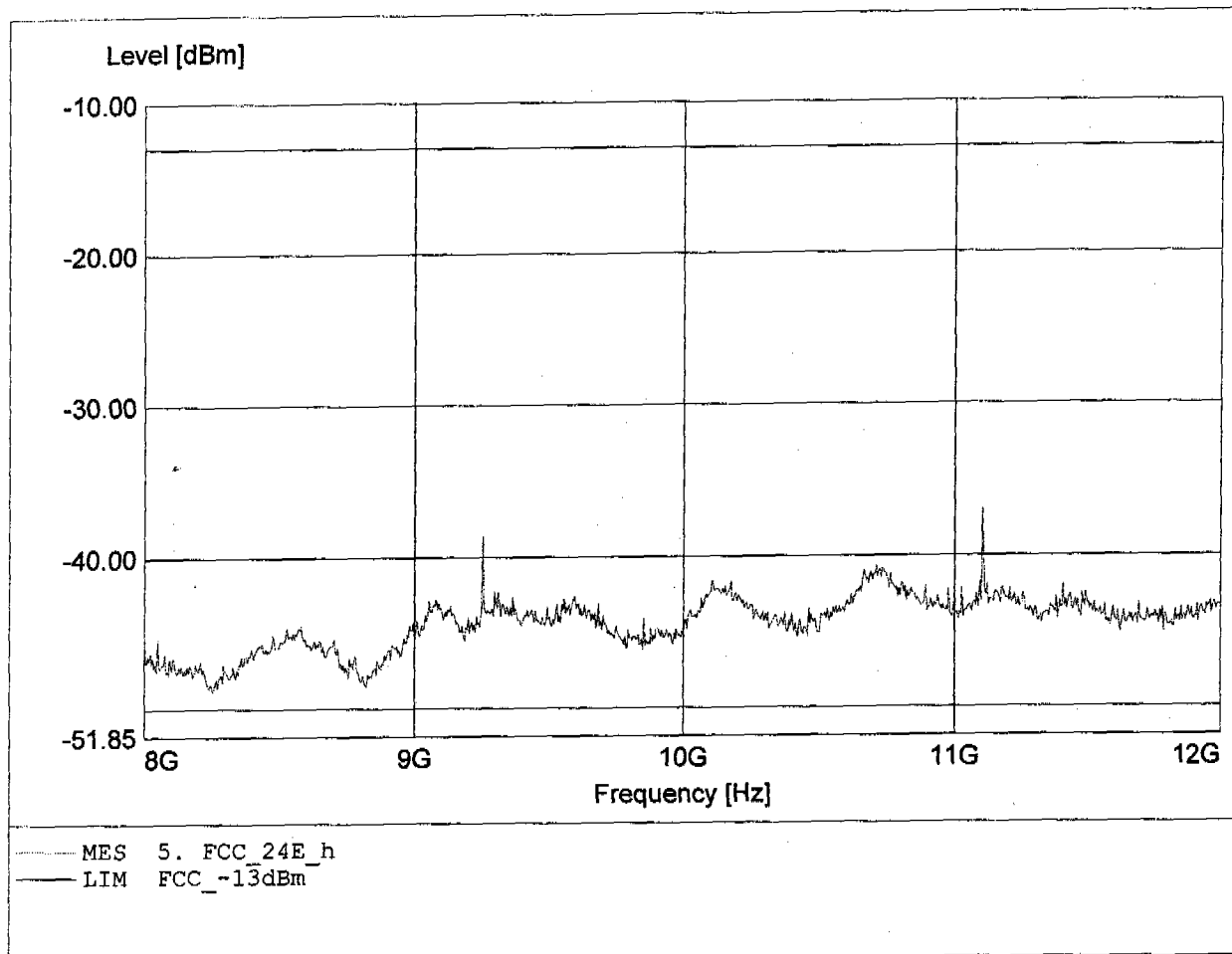
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.404GHz, Pmax: -43.03dBm, RBW: 1MHz



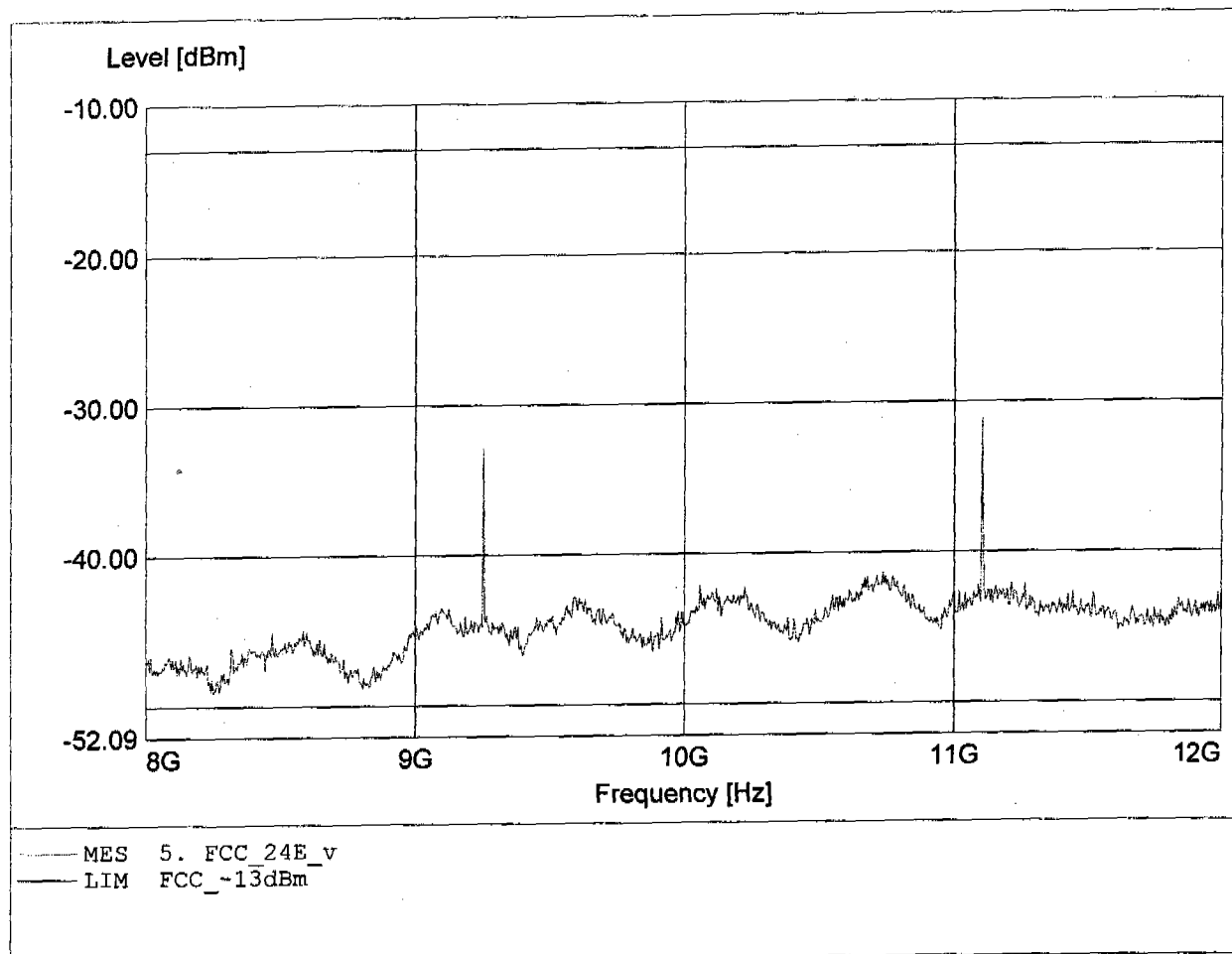
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.102GHz, Pmax: -36.96dBm, RBW: 1MHz



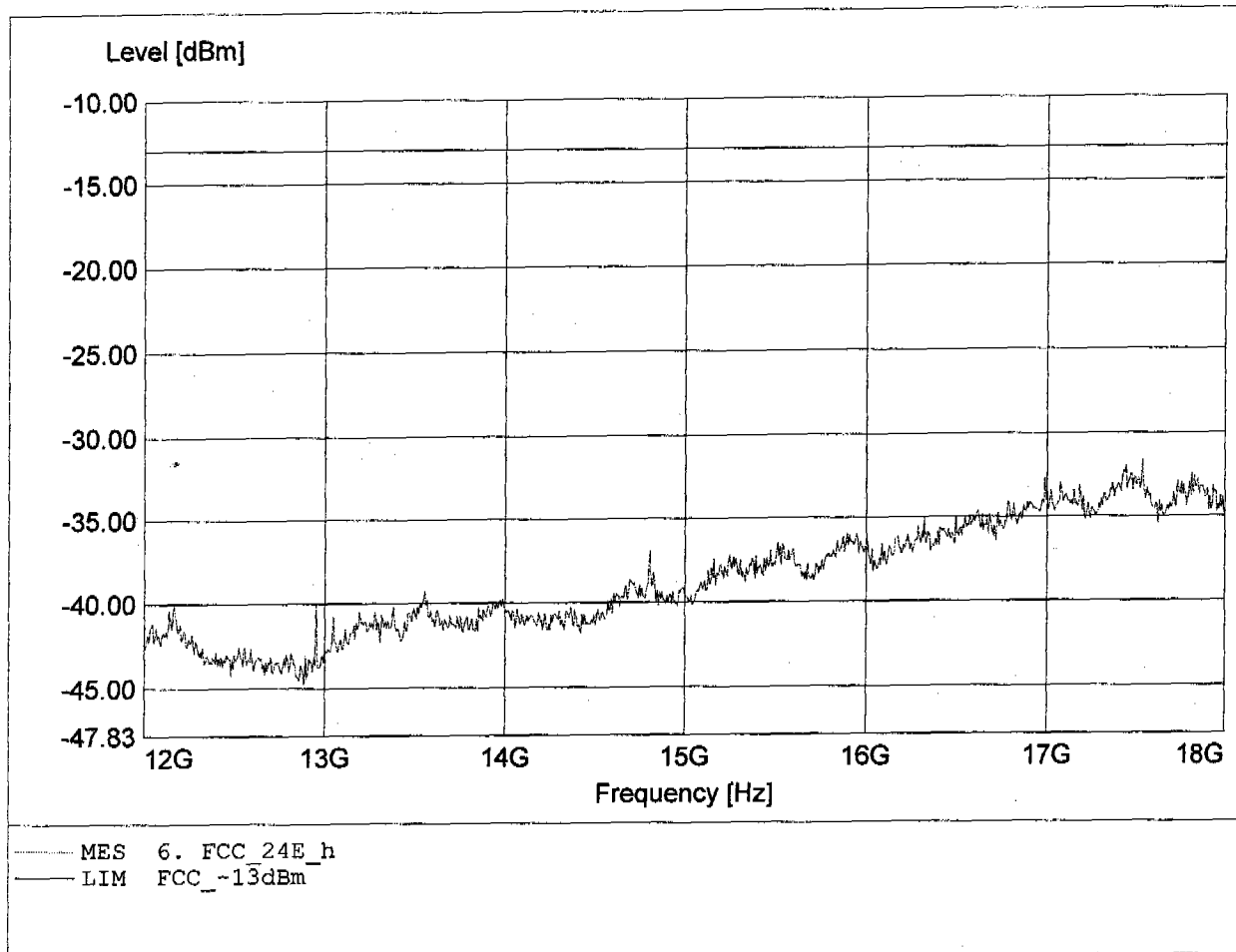
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.102GHz, Pmax: -31.17dBm, RBW: 1MHz



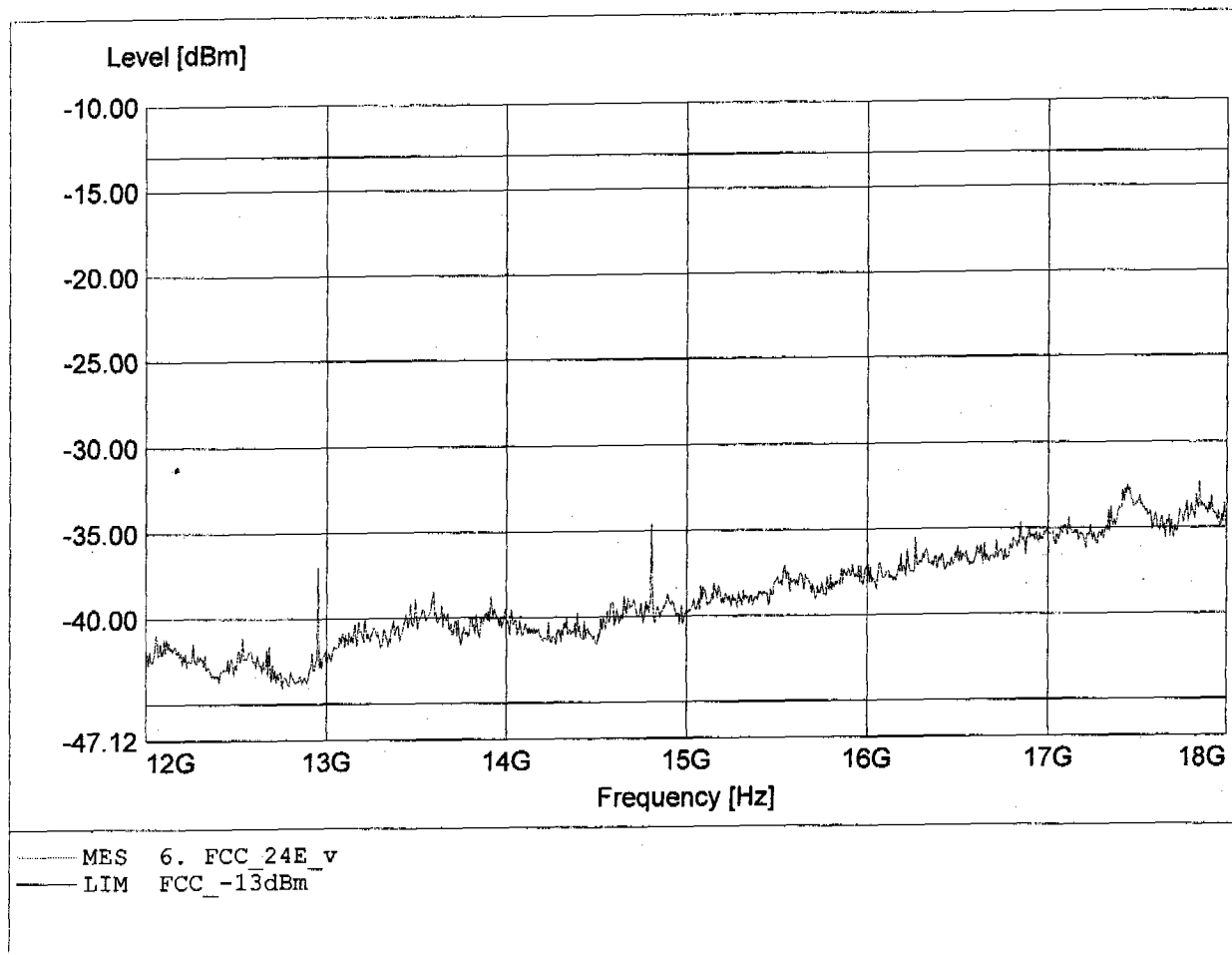
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.533GHz, Pmax: -31.63dBm, RBW: 1MHz



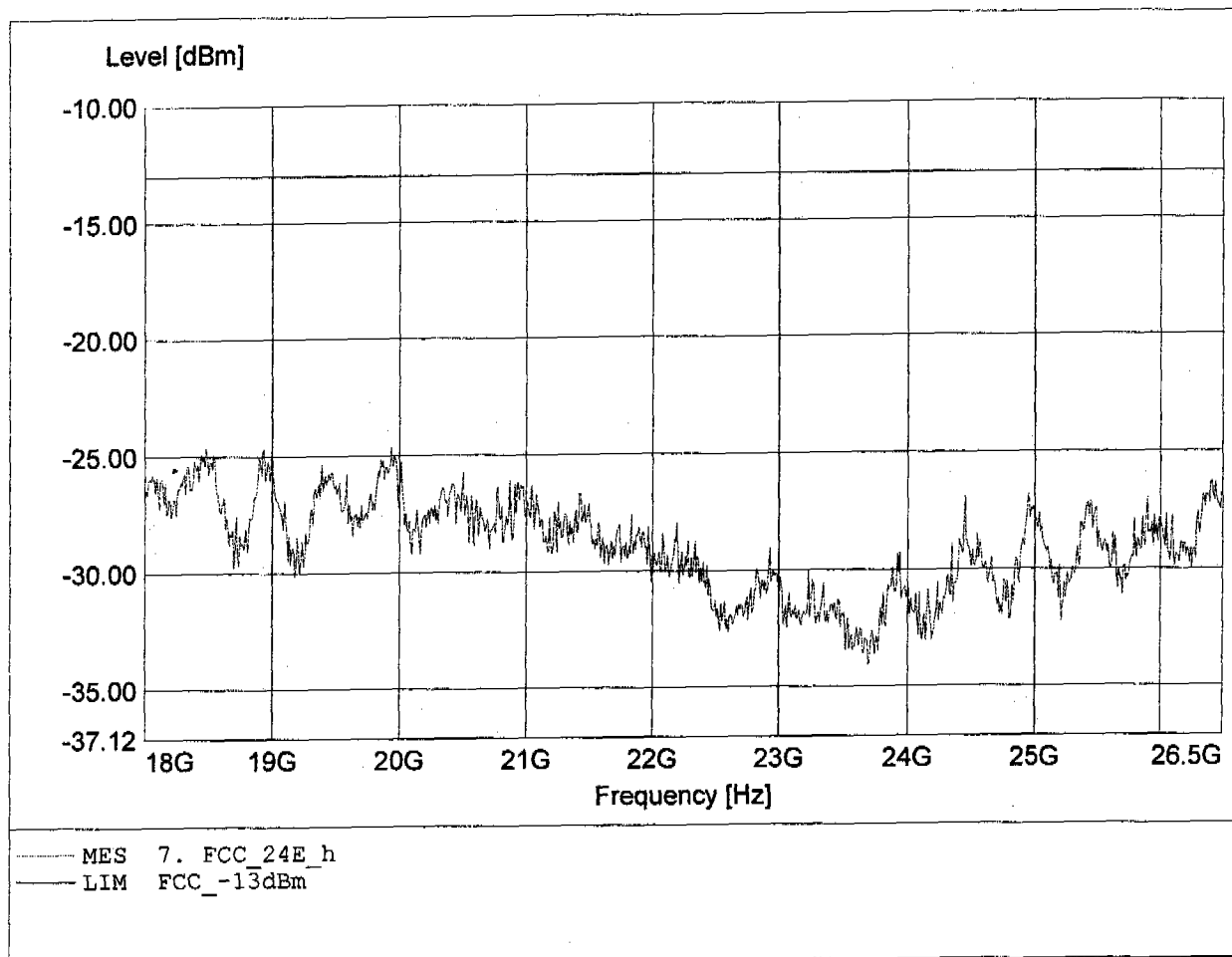
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.847GHz, Pmax: -32.30dBm, RBW: 1MHz



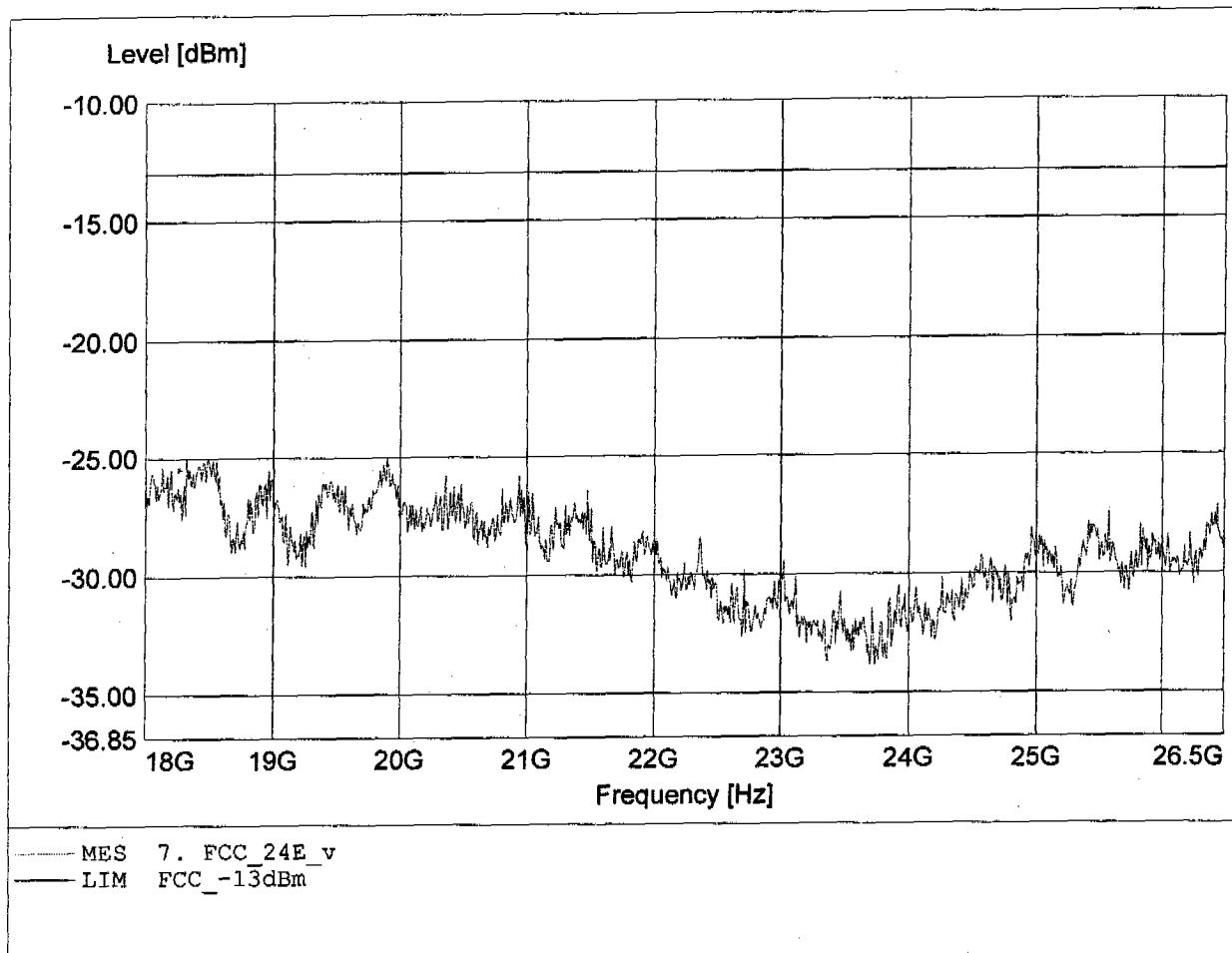
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.482GHz, Pmax: -24.62dBm, RBW: 1MHz



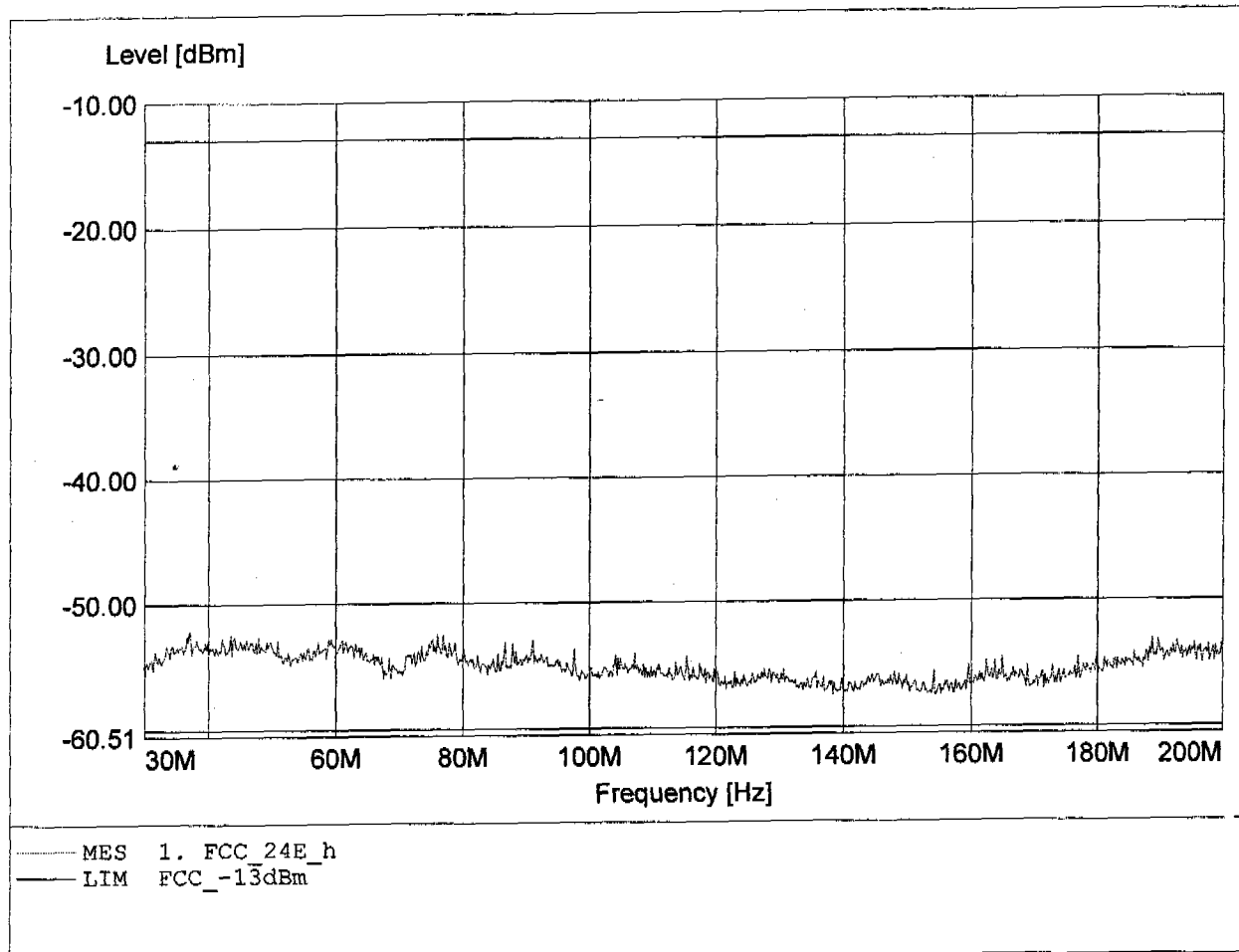
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 512
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.321GHz, Pmax: -24.97dBm, RBW: 1MHz



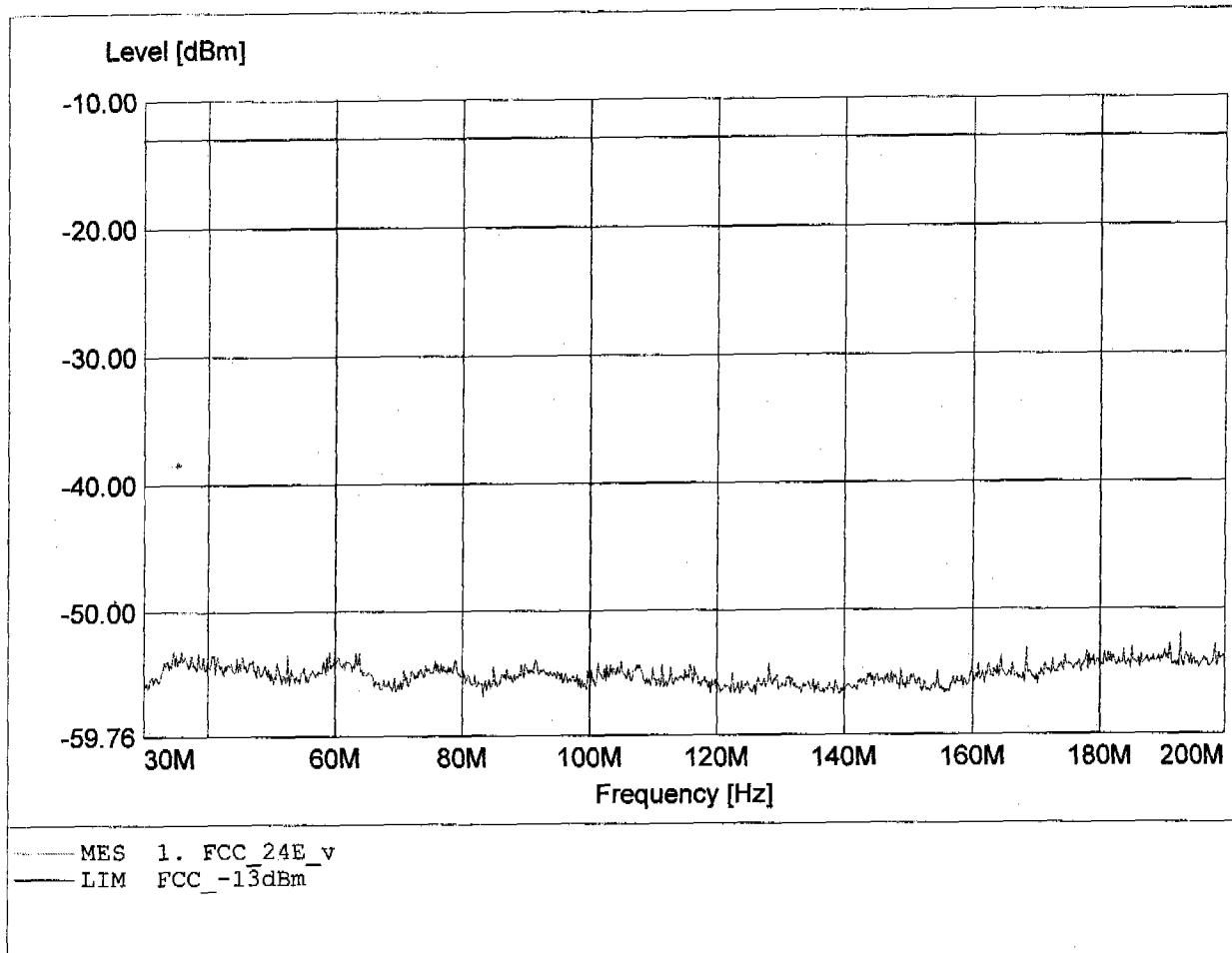
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 36.989MHz, Pmax: -52.09dBm, RBW: 1MHz



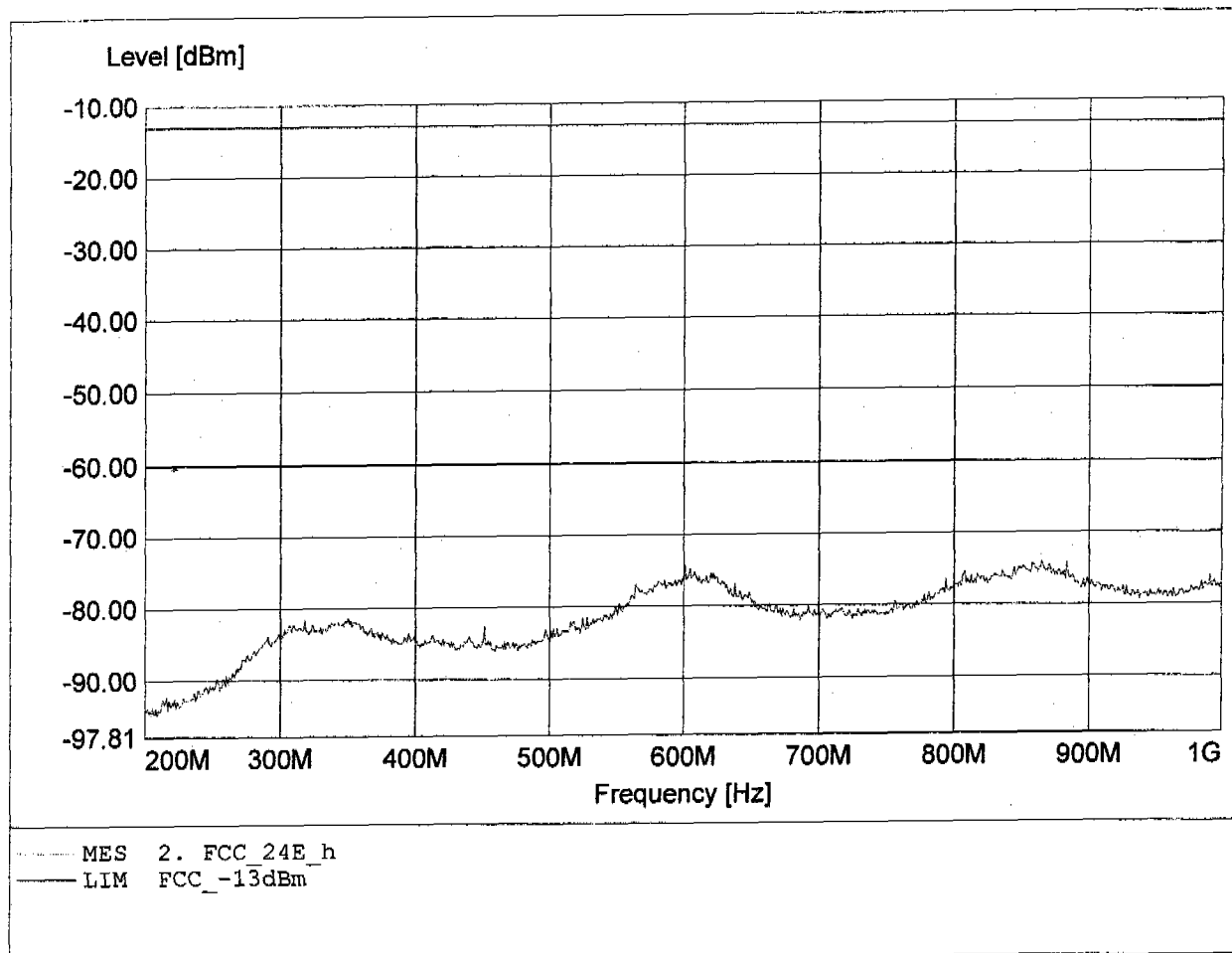
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.822MHz, Pmax: -51.92dBm, RBW: 1MHz



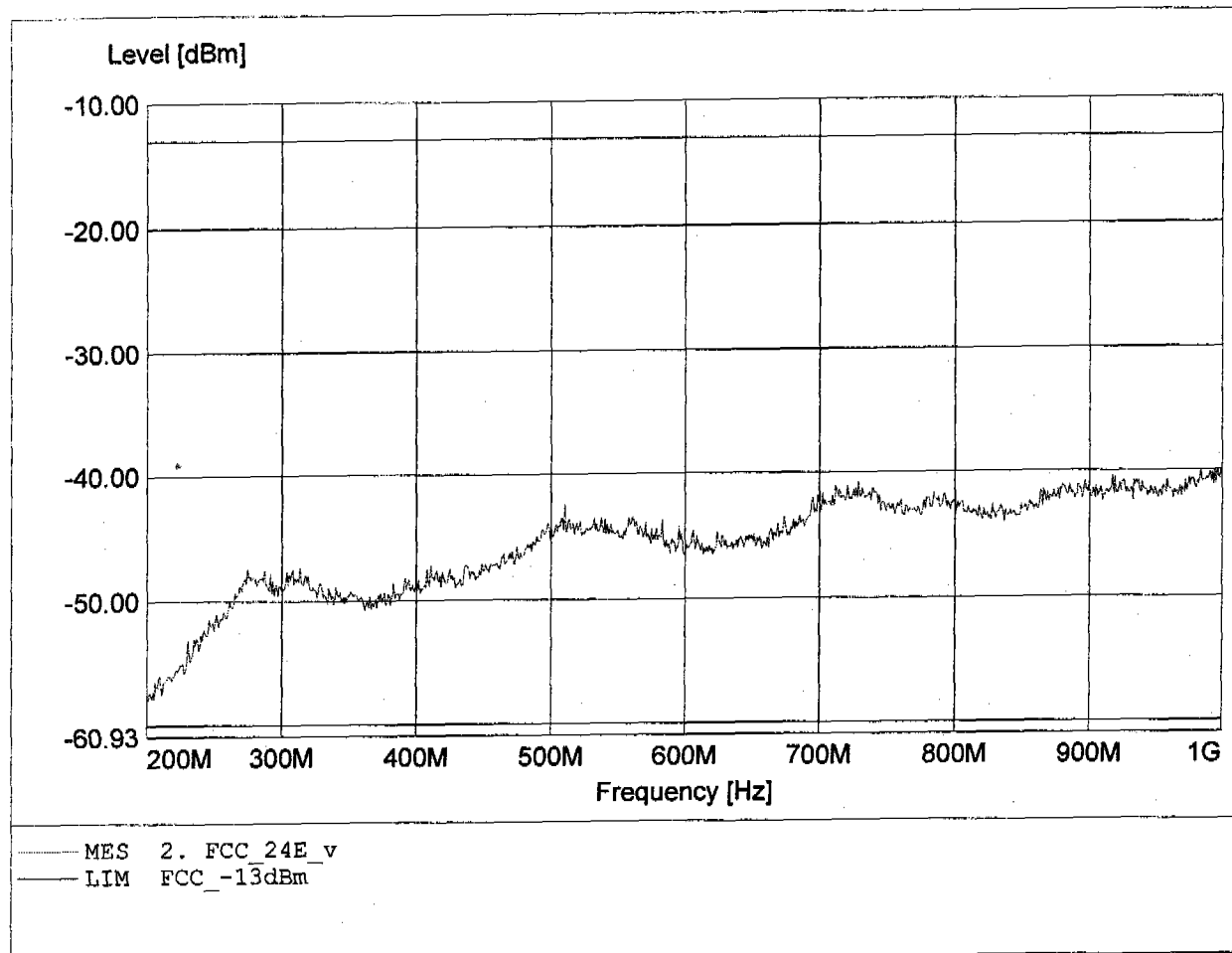
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 864.889MHz, Pmax: -74.09dBm, RBW: 1MHz



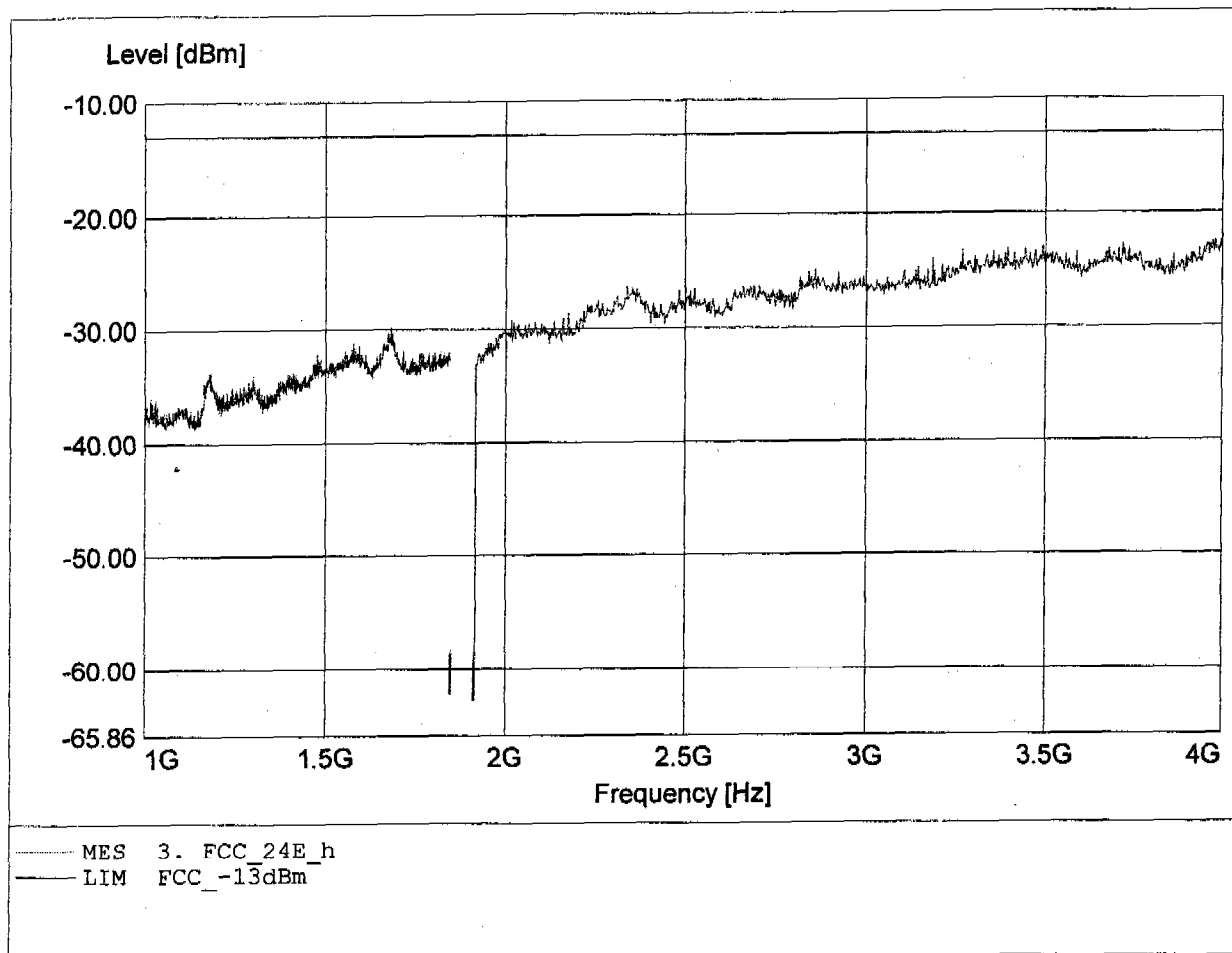
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 1000.000MHz, Pmax: -39.85dBm, RBW: 1MHz



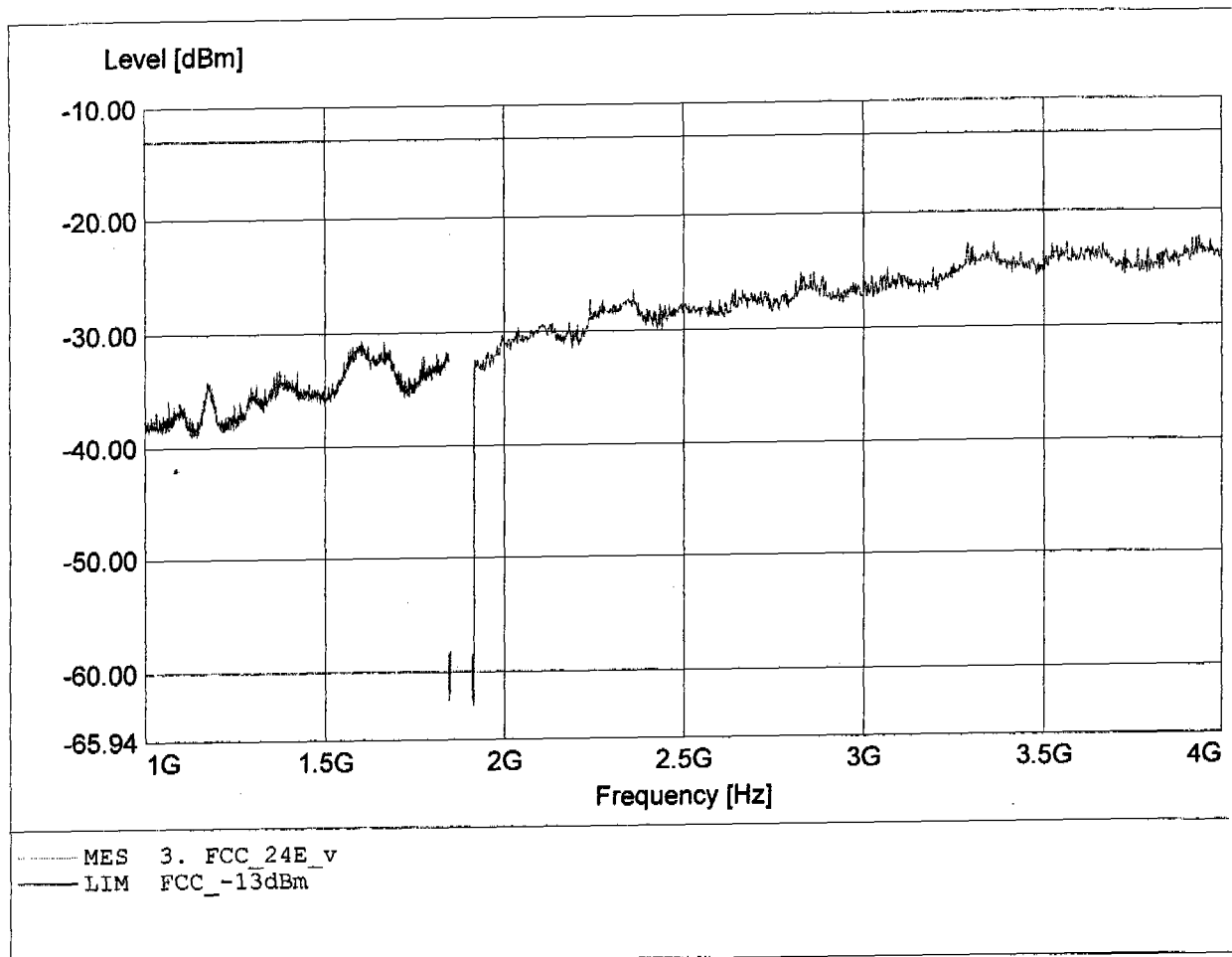
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 4.000GHz, Pmax: -22.39dBm, RBW: 1MHz/3kHz



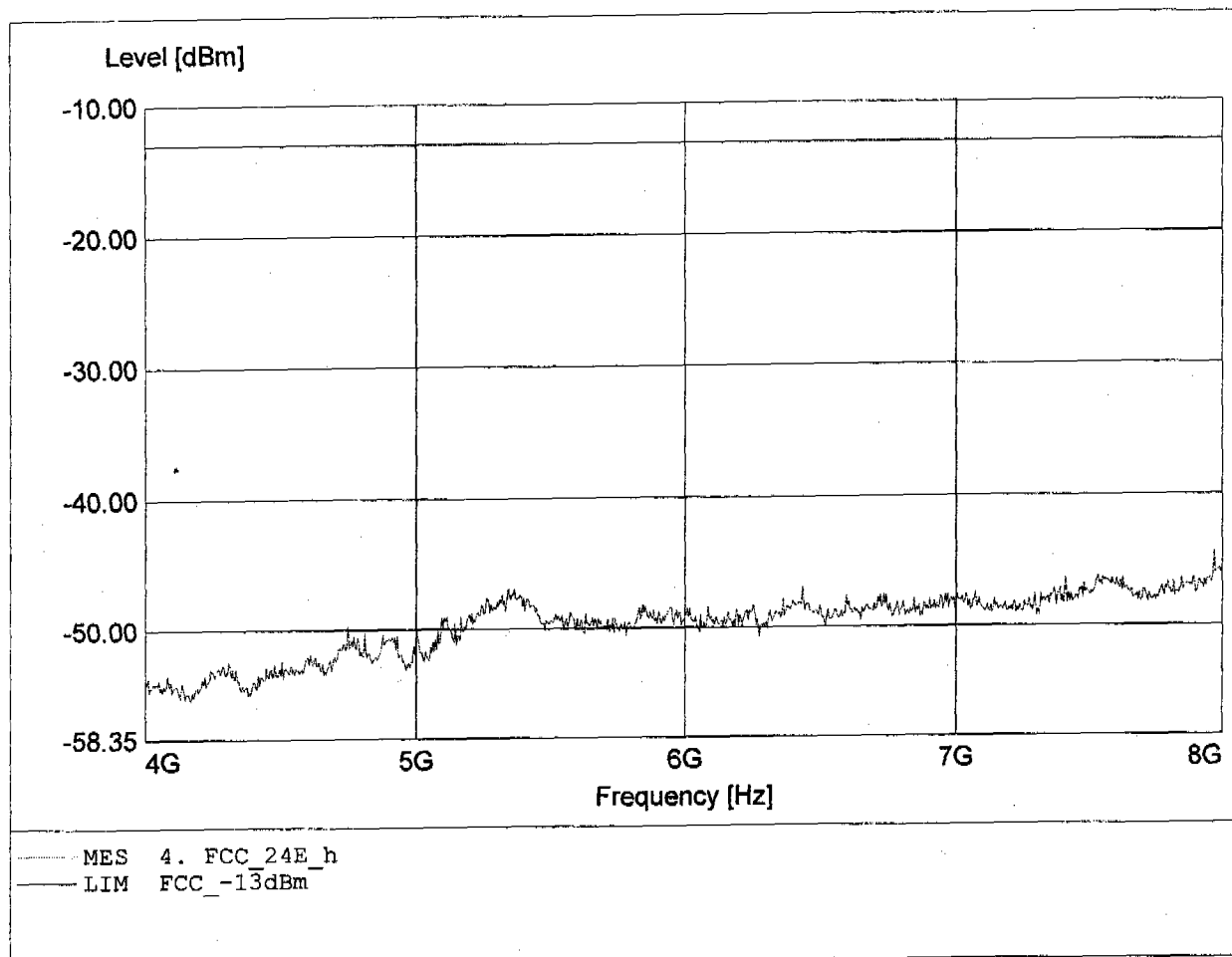
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.935GHz, Pmax: -22.29dBm, RBW: 1MHz/3kHz



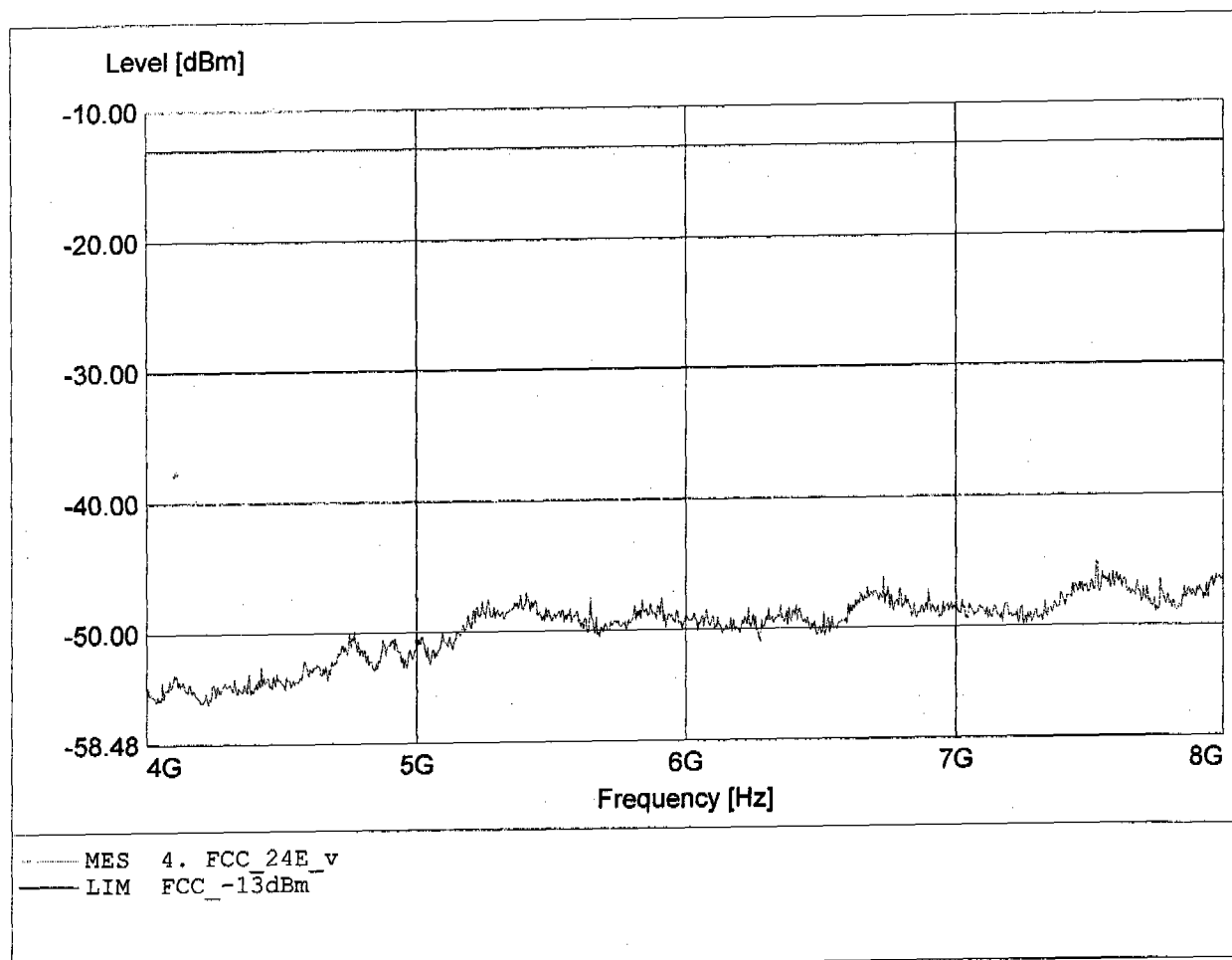
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.969GHz, Pmax: -44.40dBm, RBW: 1MHz



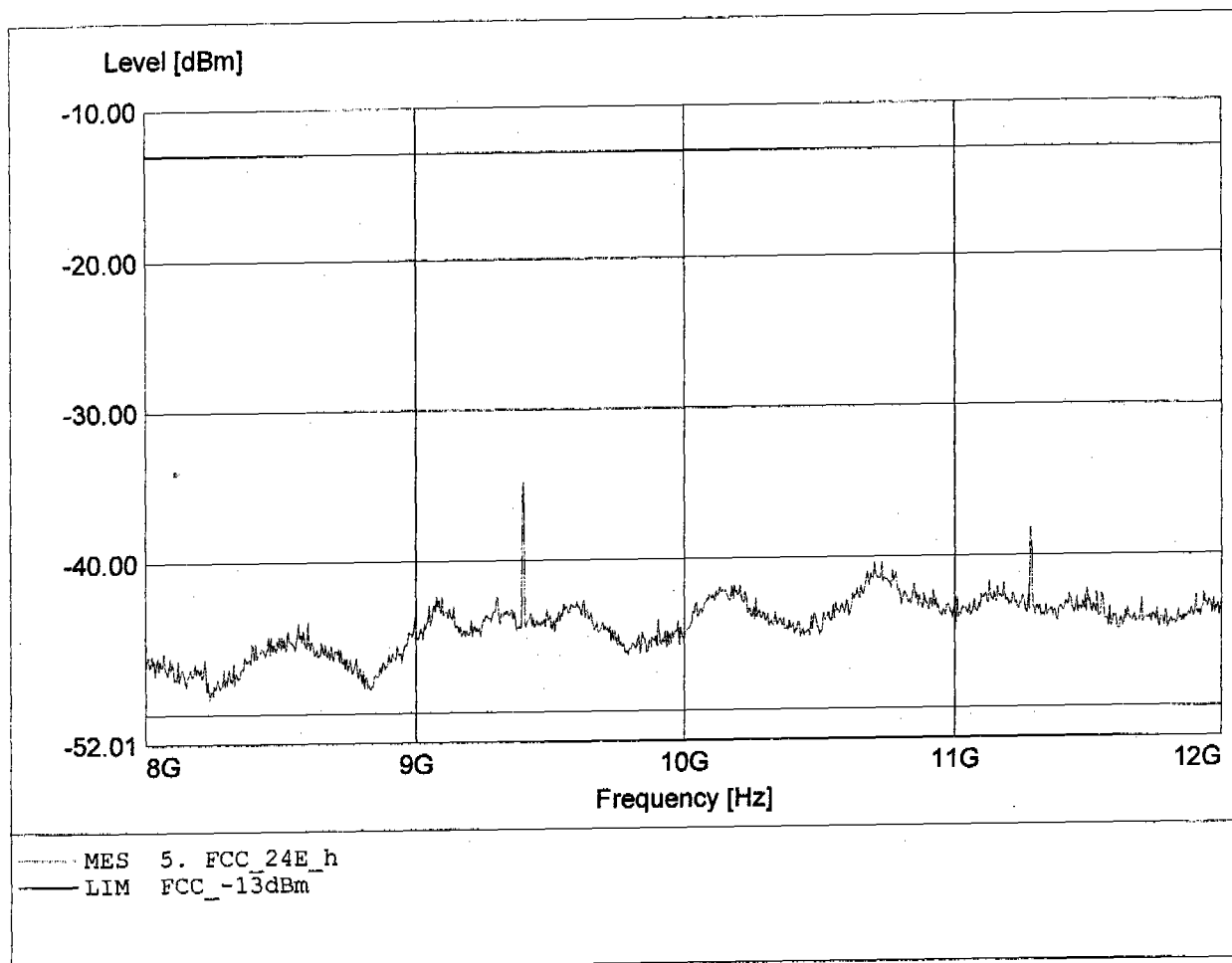
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.520GHz, Pmax: -45.13dBm, RBW: 1MHz



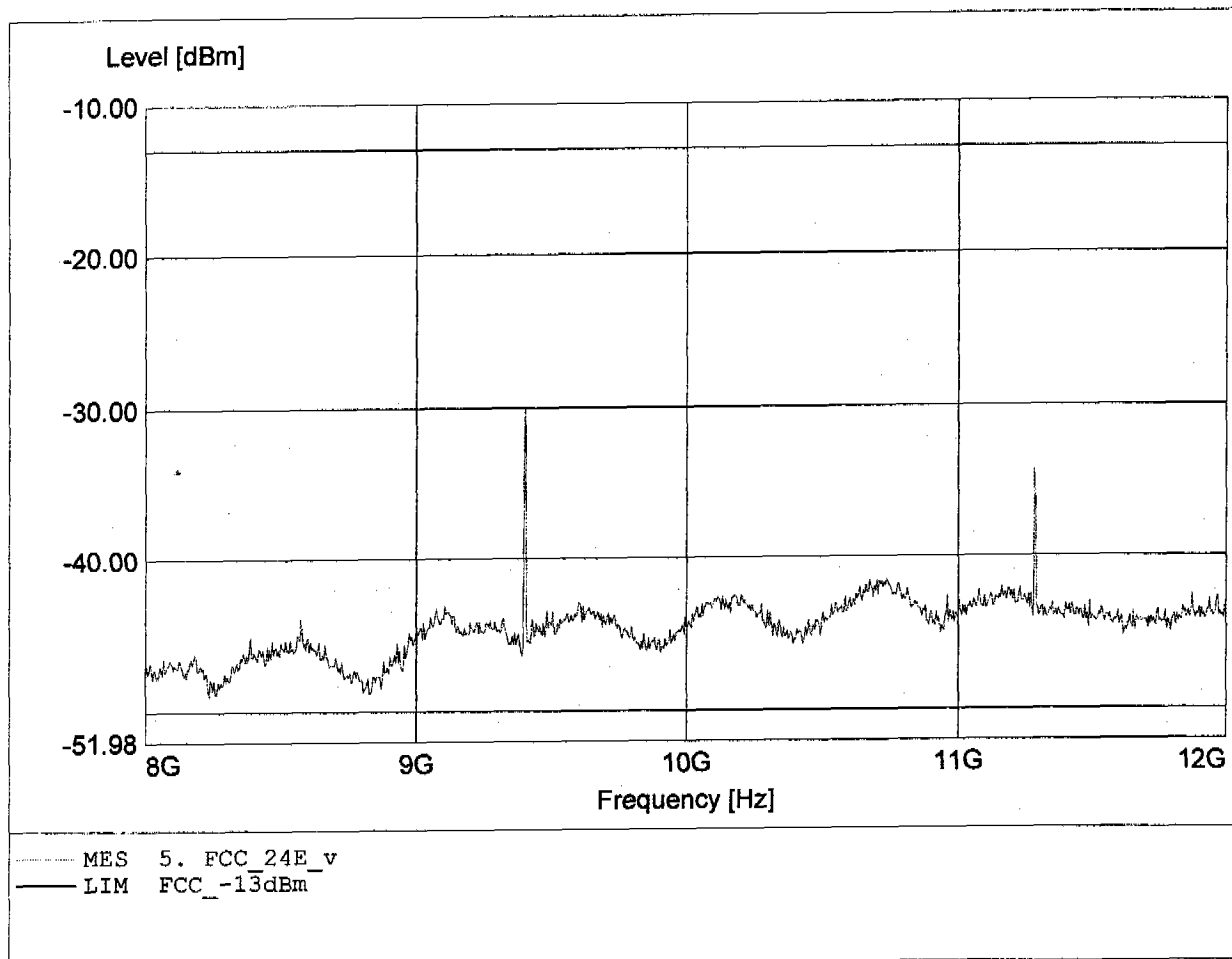
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.404GHz, Pmax: -34.69dBm, RBW: 1MHz



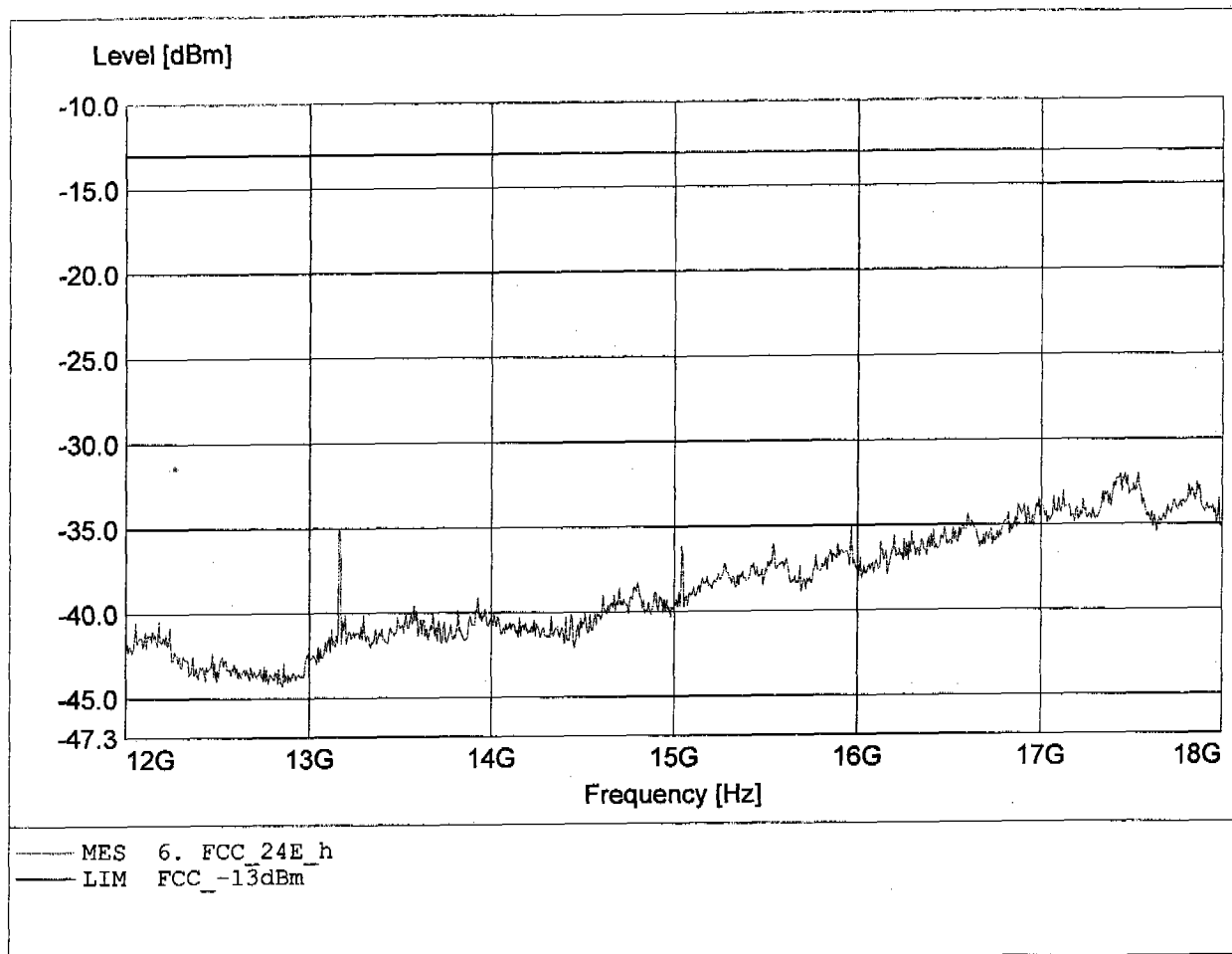
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.404GHz, Pmax: -30.01dBm, RBW: 1MHz



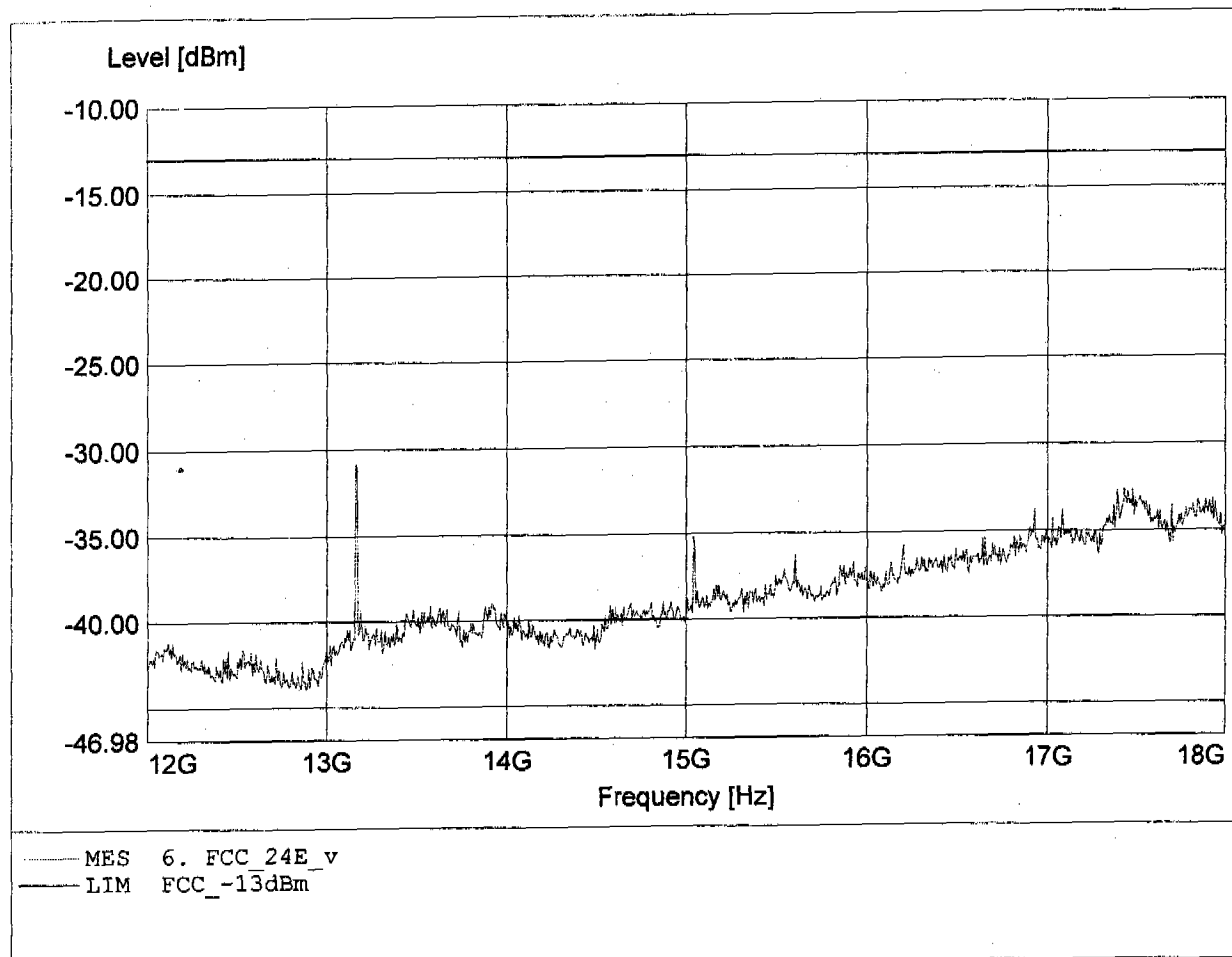
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.460GHz, Pmax: -32.02dBm, RBW: 1MHz



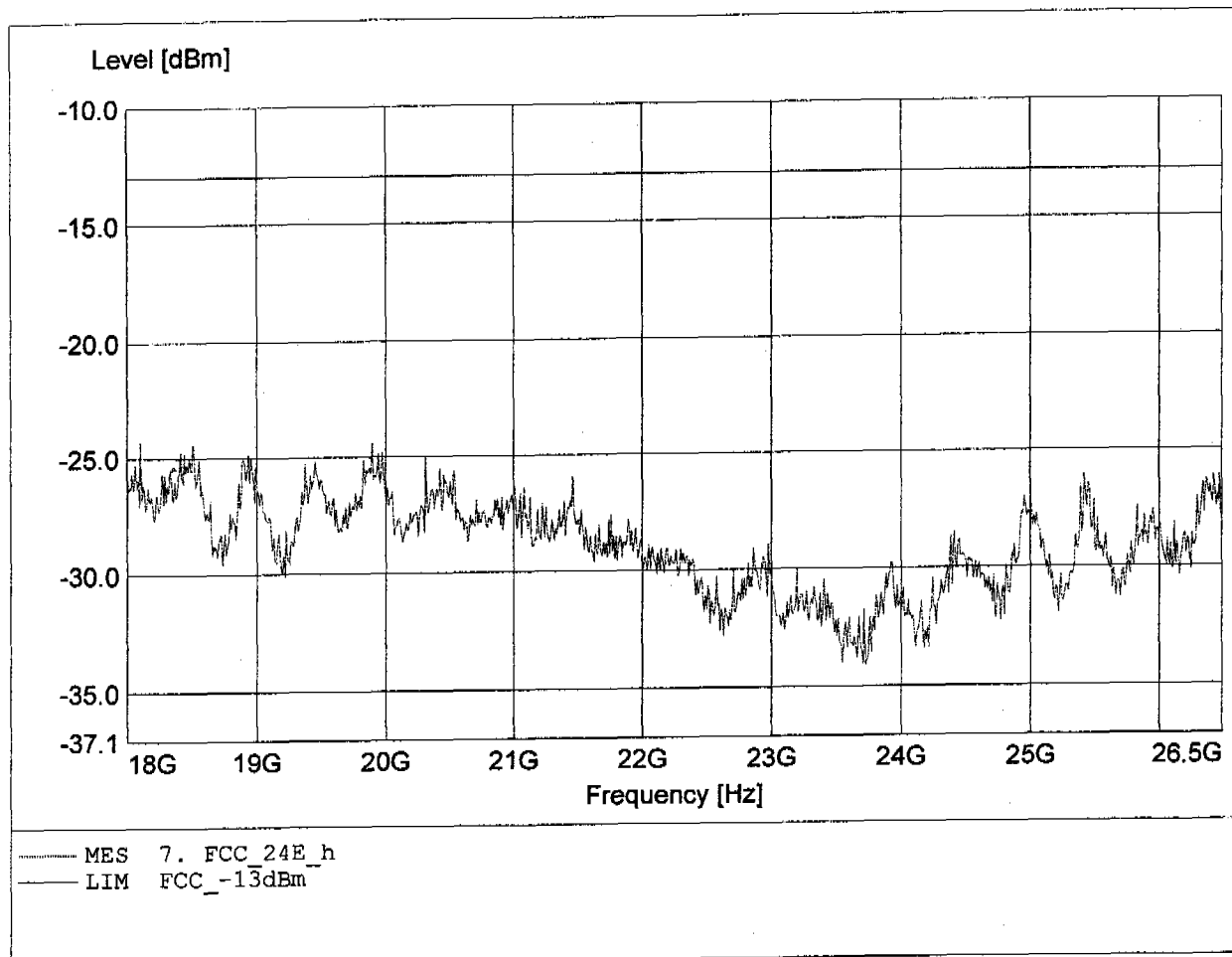
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 13.160GHz, Pmax: -30.86dBm, RBW: 1MHz



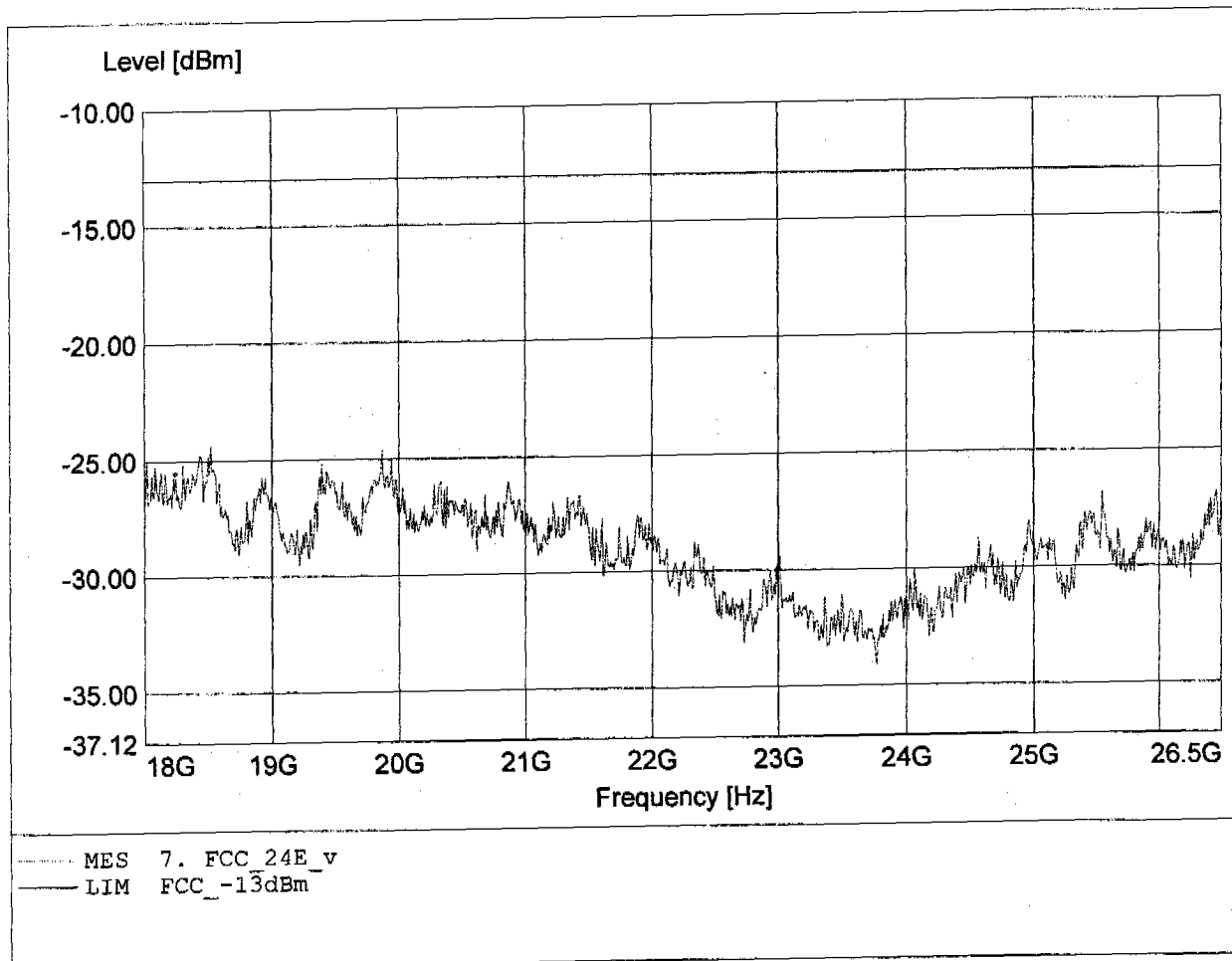
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.104GHz, Pmax: -24.30dBm, RBW: 1MHz



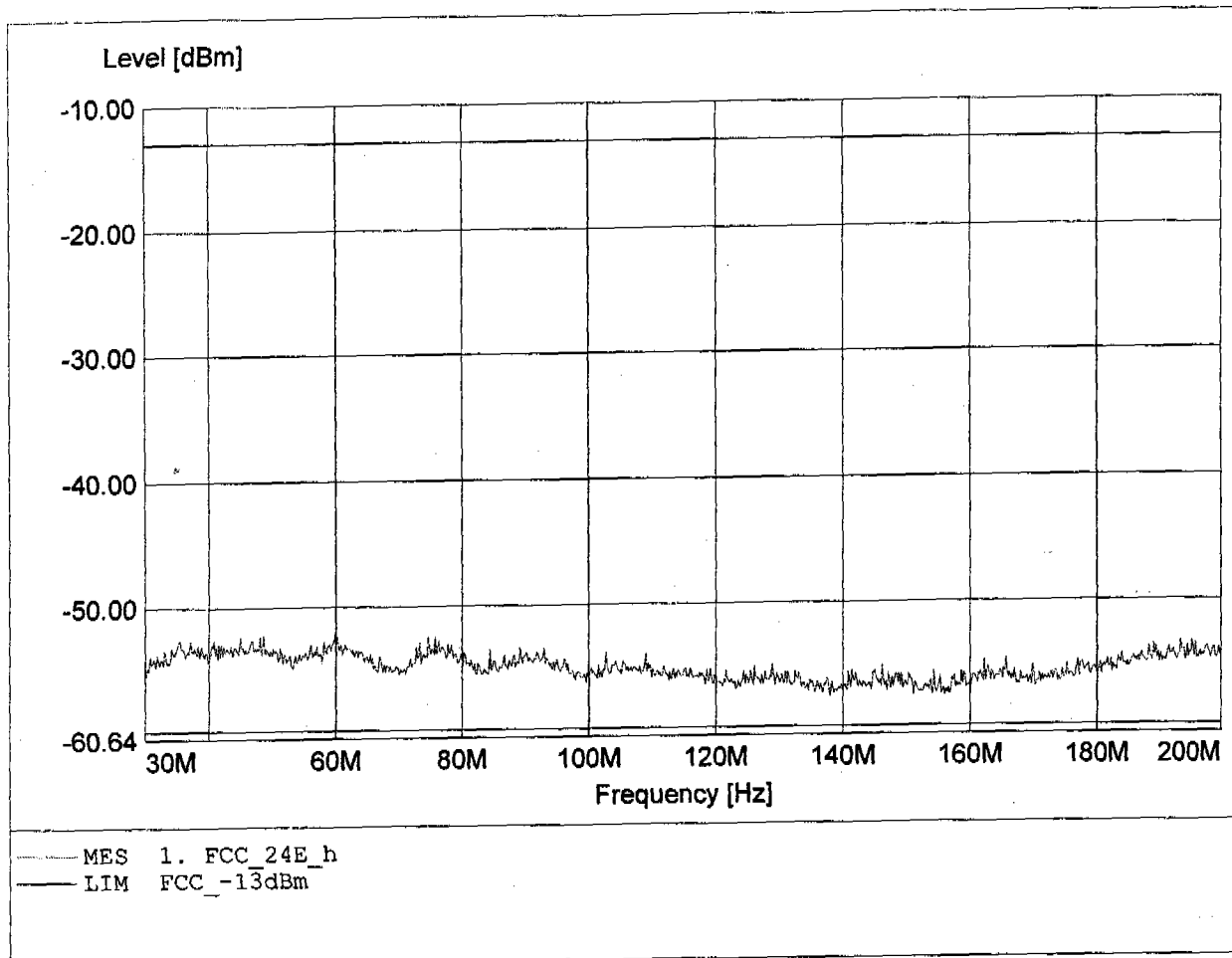
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 661
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.519GHz, Pmax: -24.28dBm, RBW: 1MHz



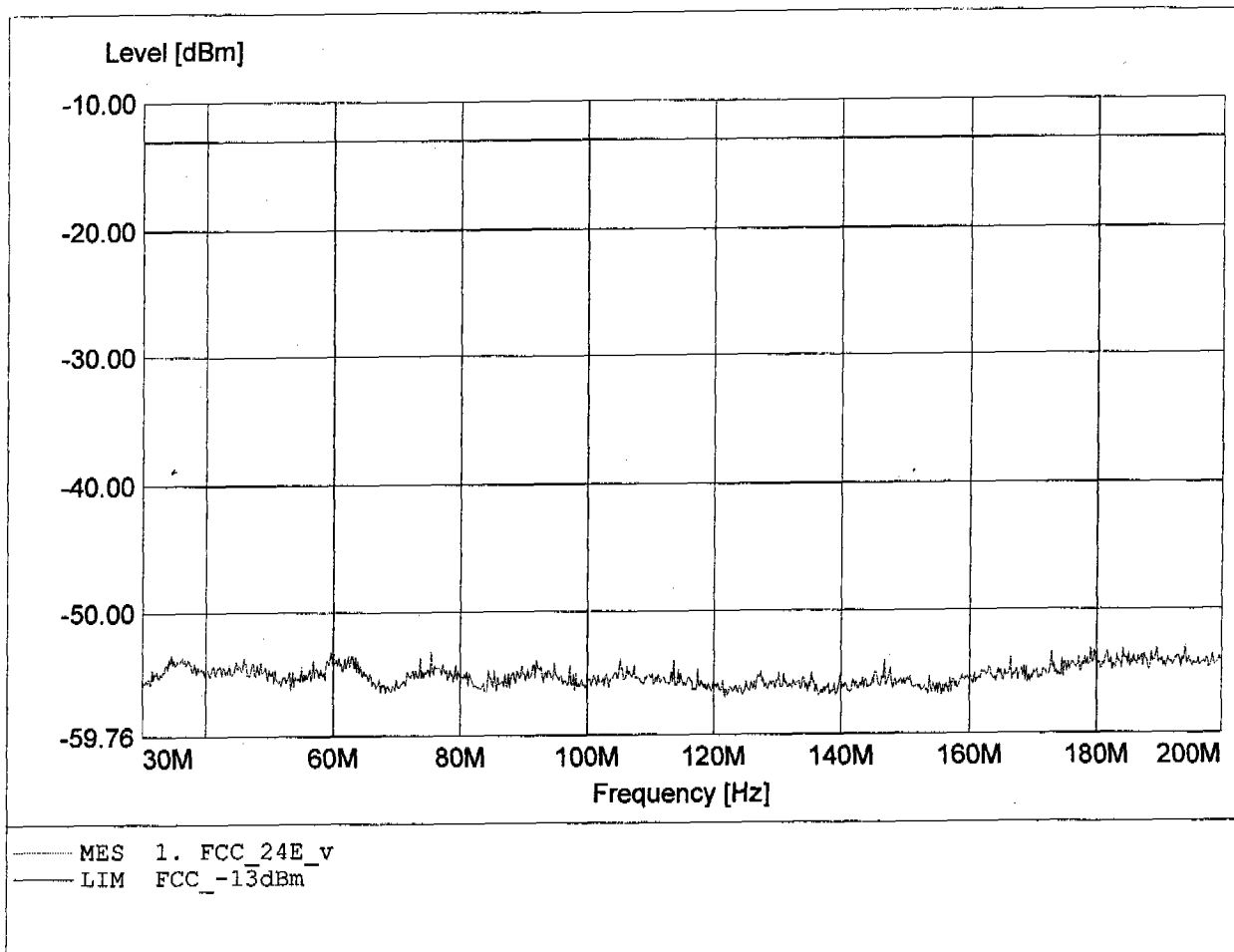
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 59.844MHz, Pmax: -52.10dBm, RBW: 1MHz



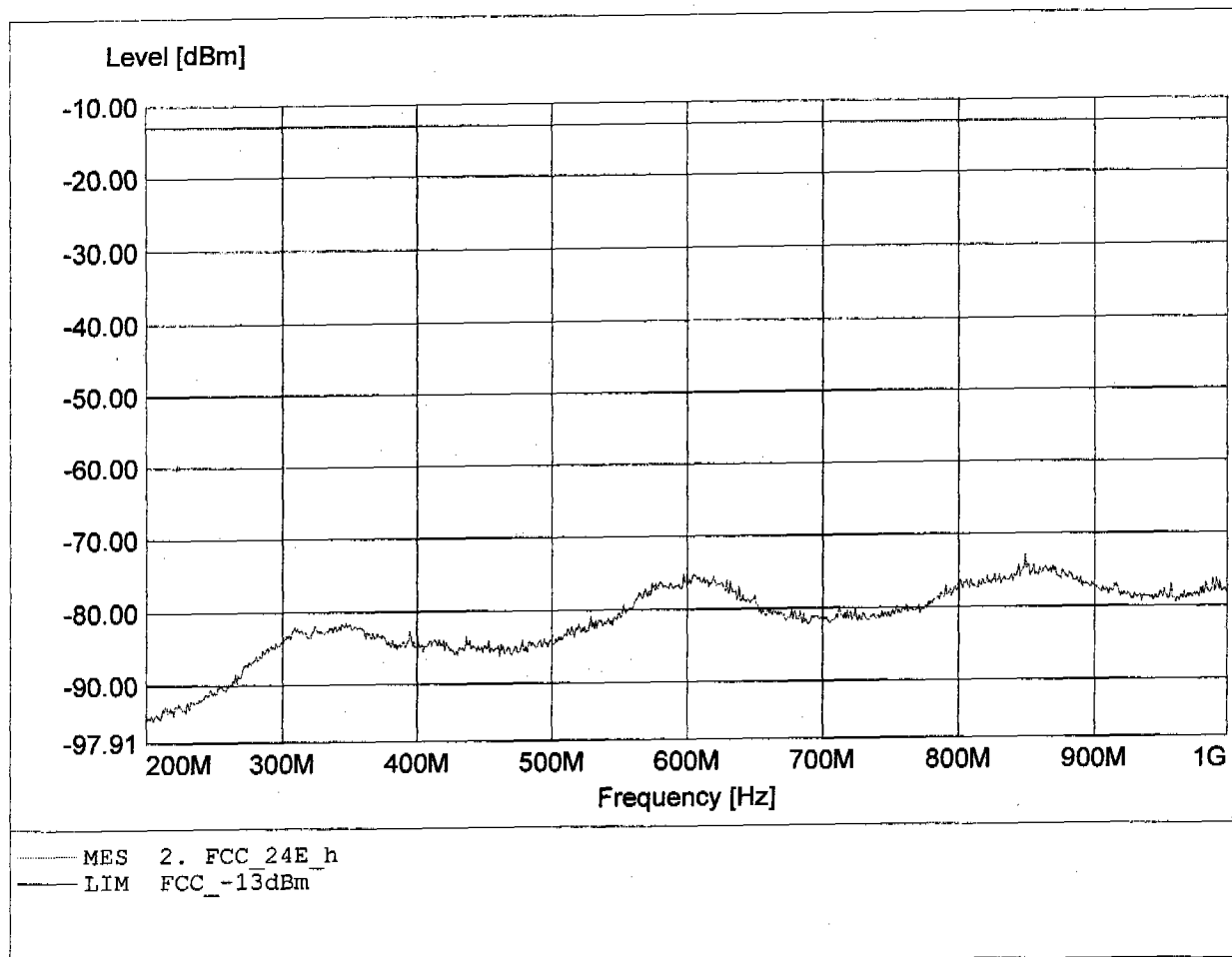
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.144MHz, Pmax: -52.93dBm, RBW: 1MHz



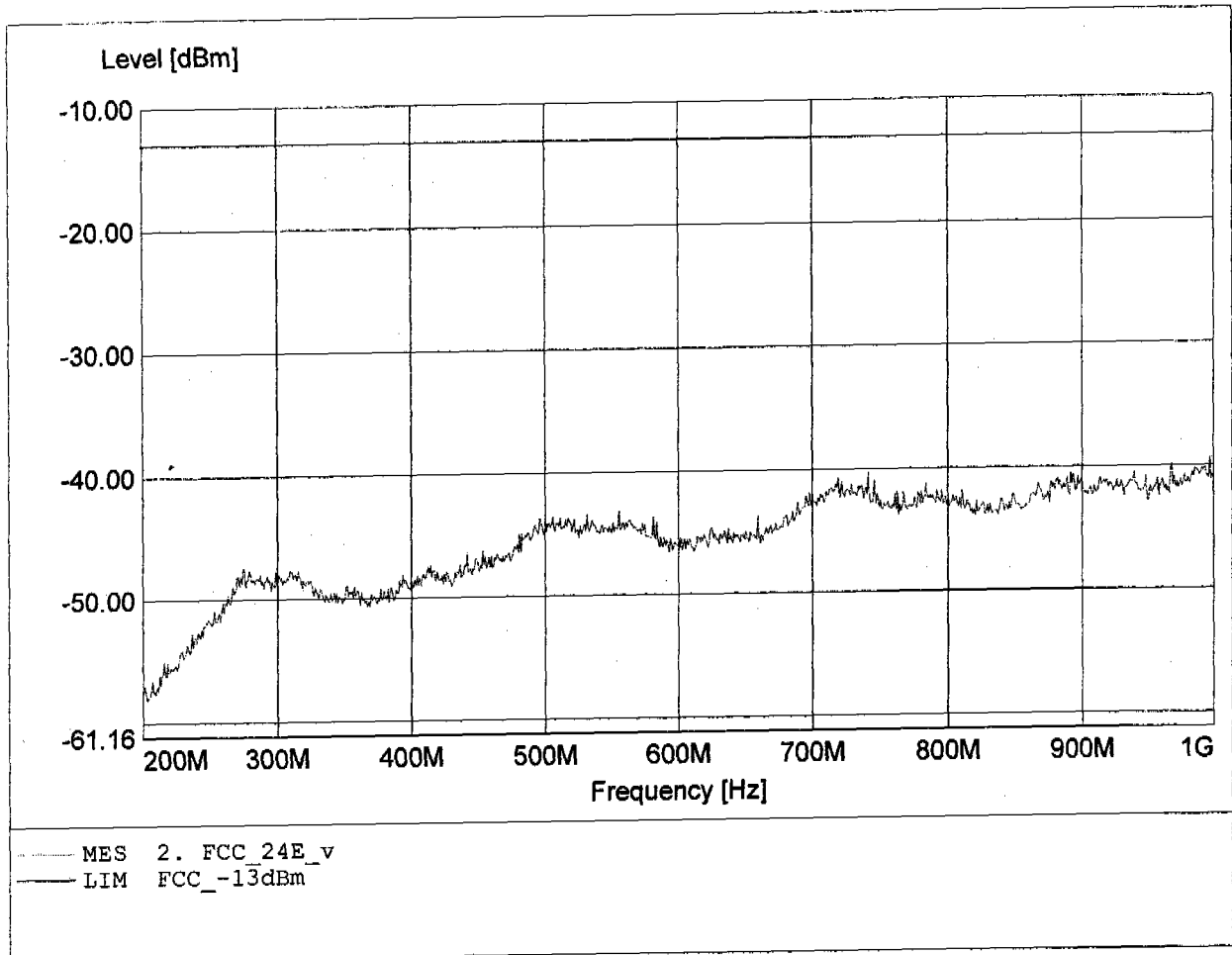
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 848.889MHz, Pmax: -72.93dBm, RBW: 1MHz



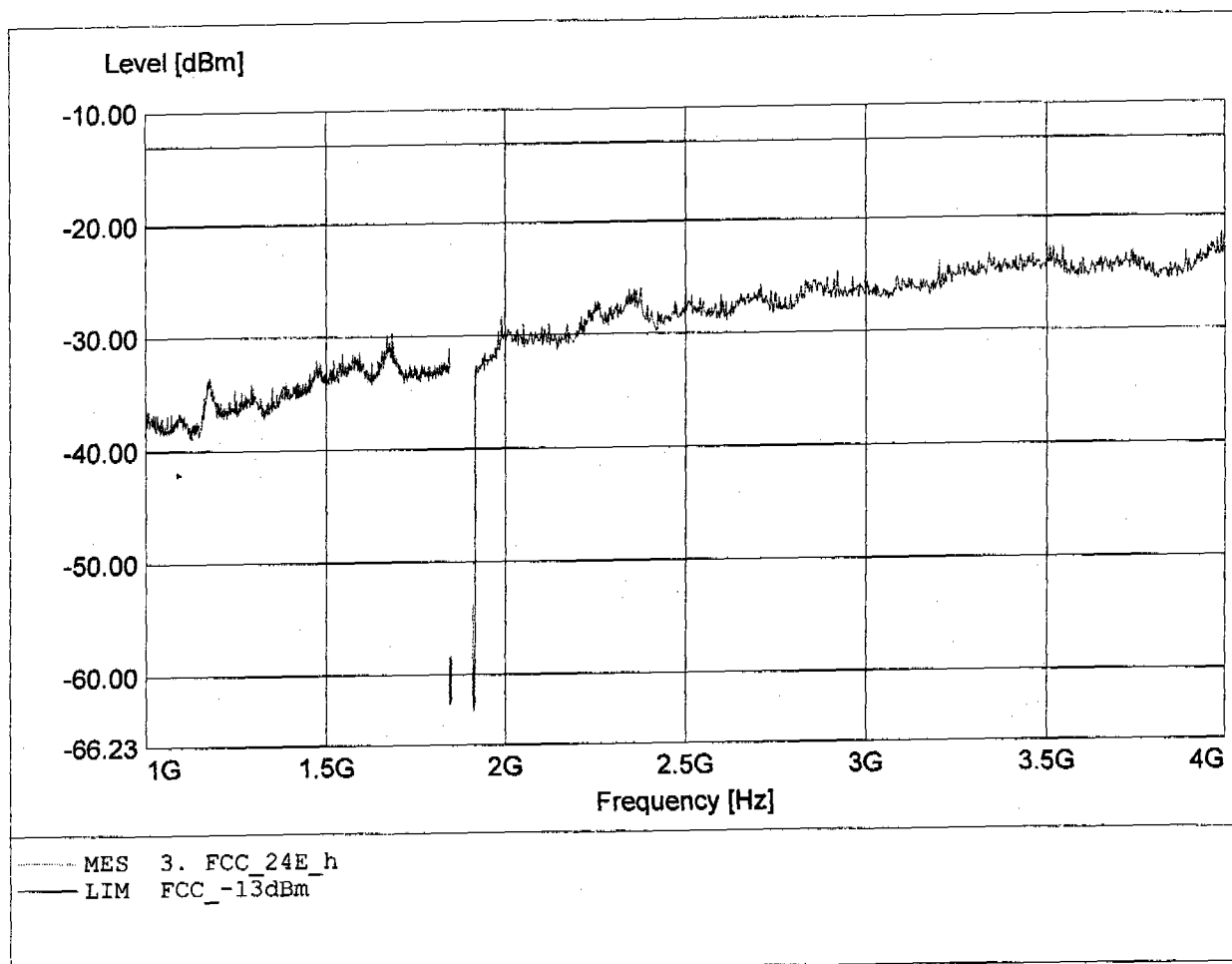
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 997.333MHz, Pmax: -39.39dBm, RBW: 1MHz



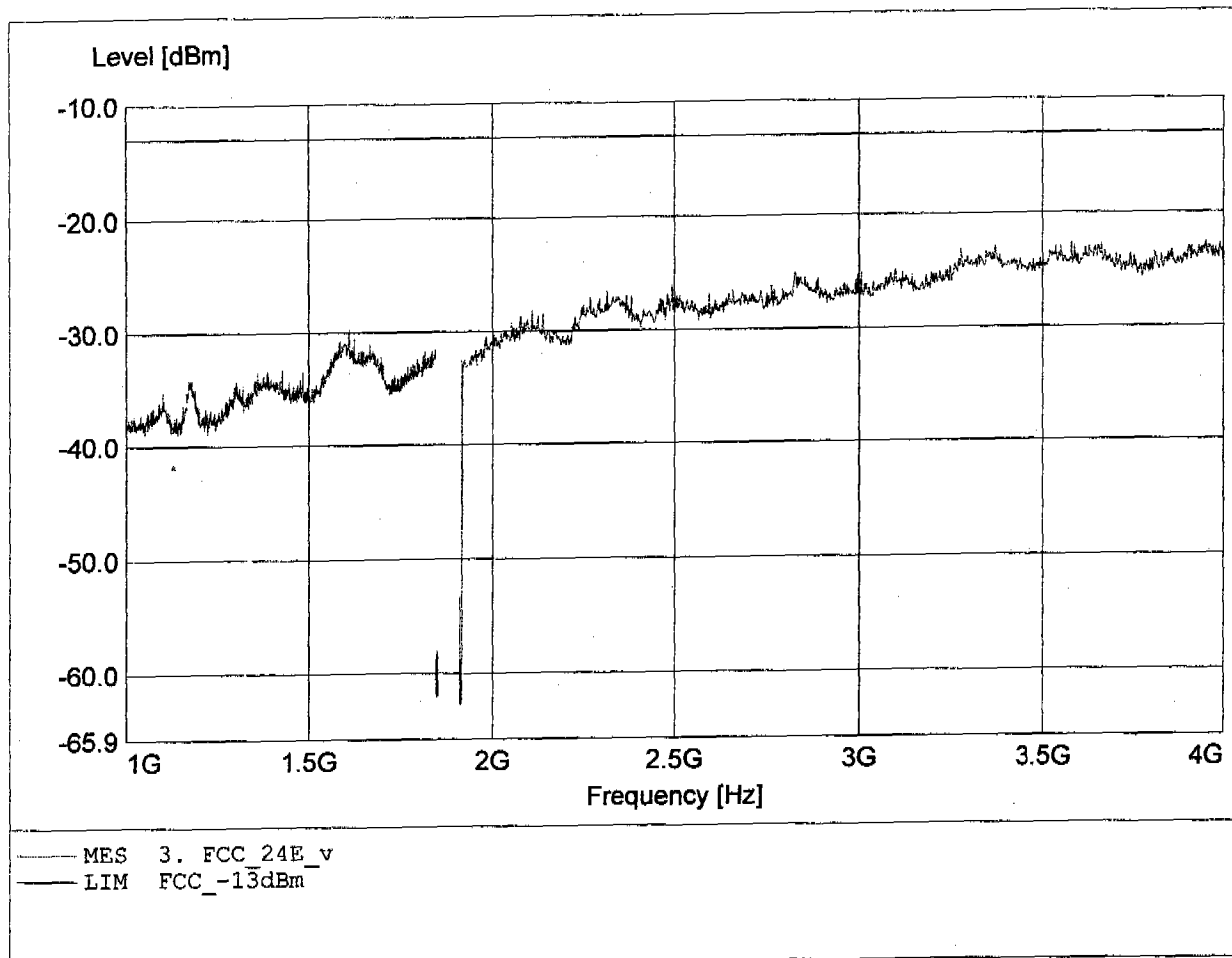
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.991GHz, Pmax: -21.59dBm, RBW: 1MHz/3kHz



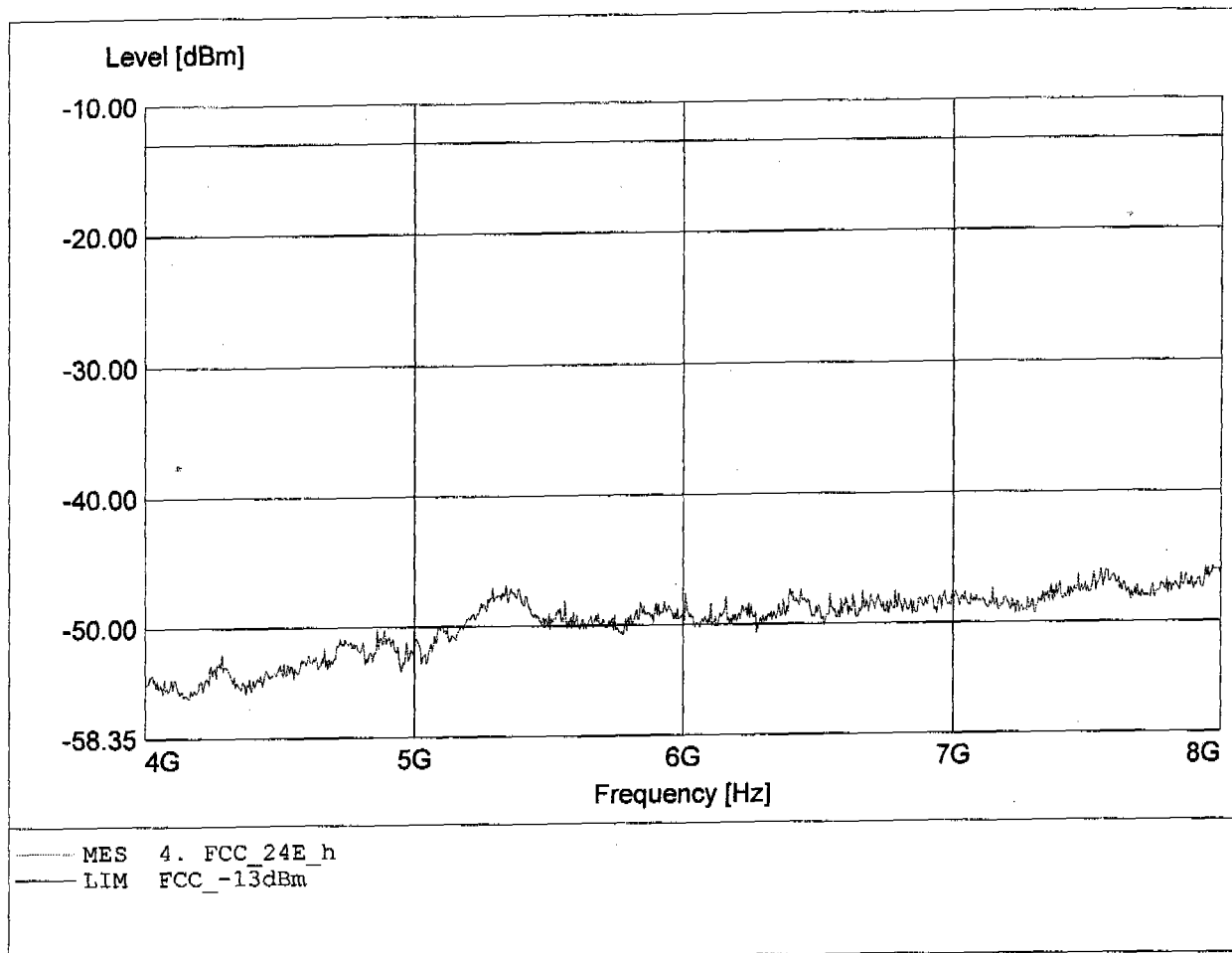
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.951GHz, Pmax: -22.49dBm, RBW: 1MHz/3kHz



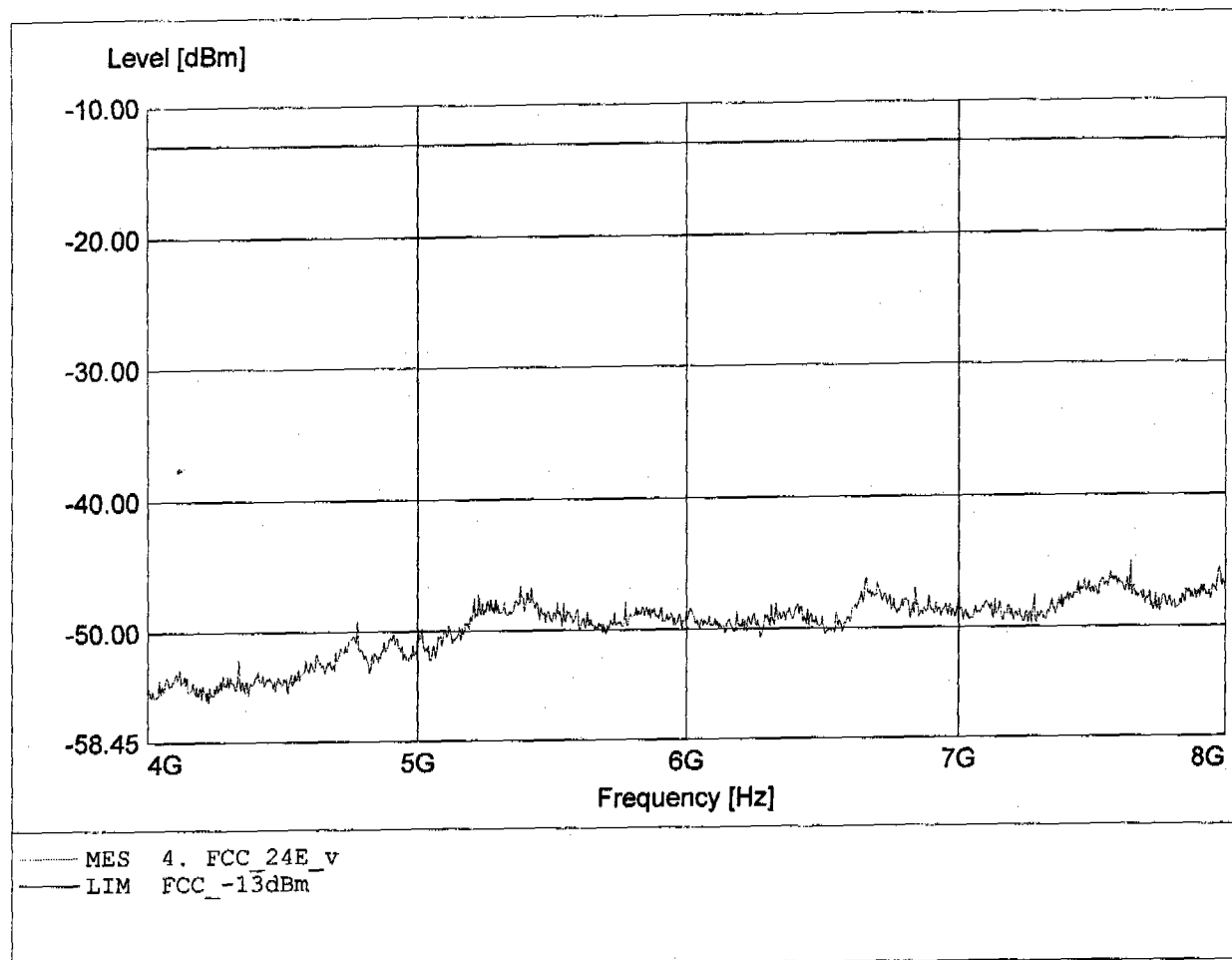
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.969GHz, Pmax: -45.80dBm, RBW: 1MHz



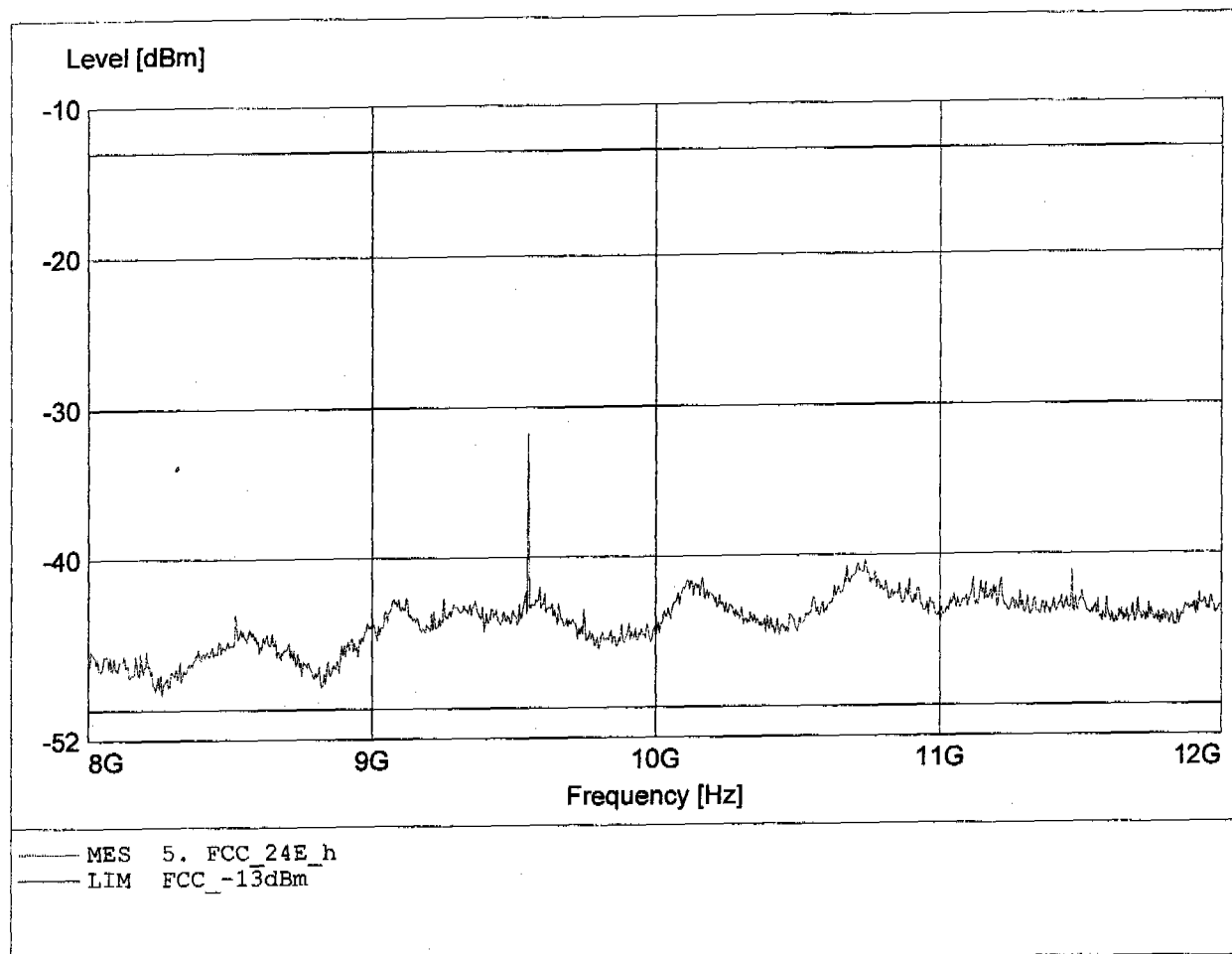
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.640GHz, Pmax: -45.06dBm, RBW: 1MHz



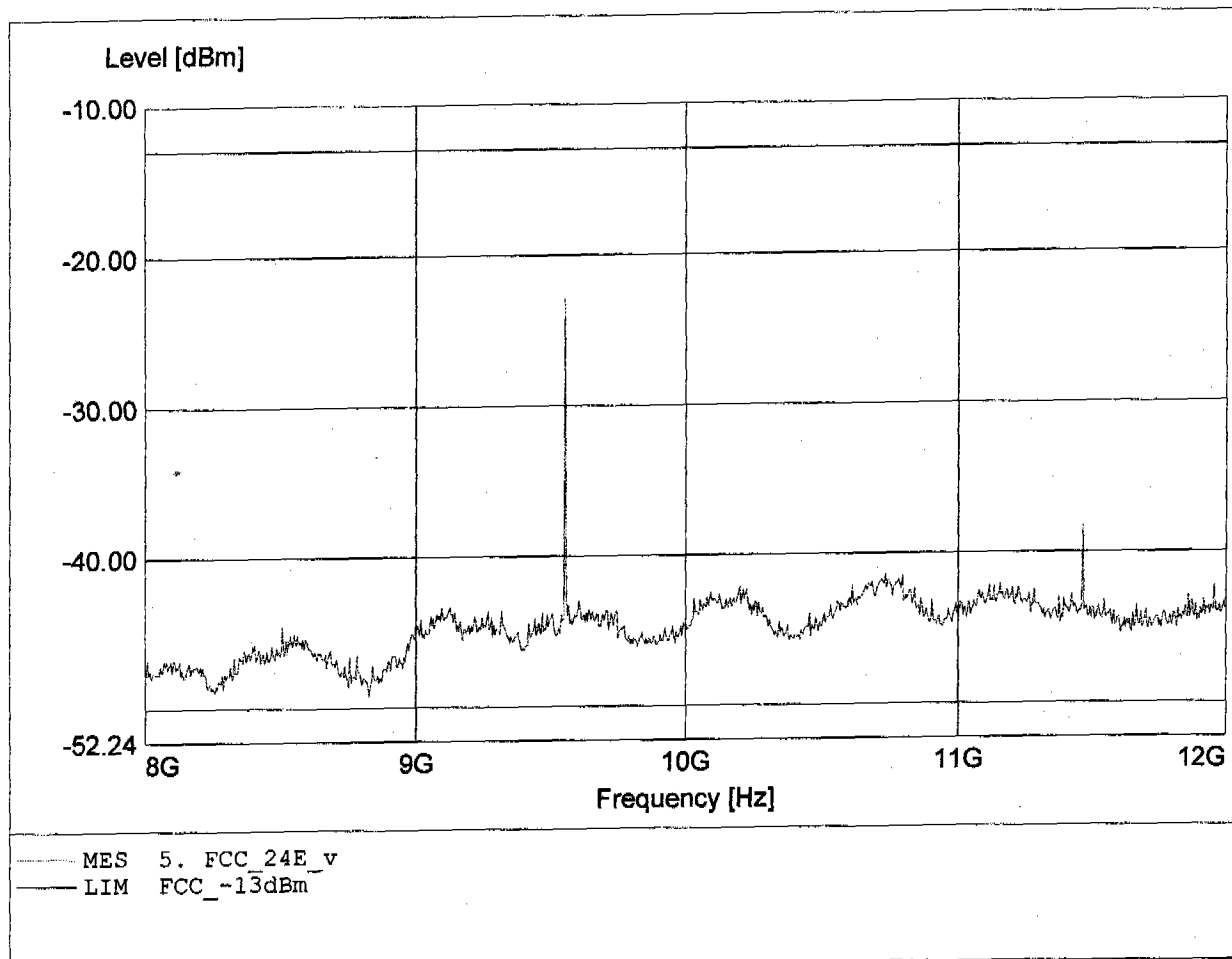
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -31.76dBm, RBW: 1MHz



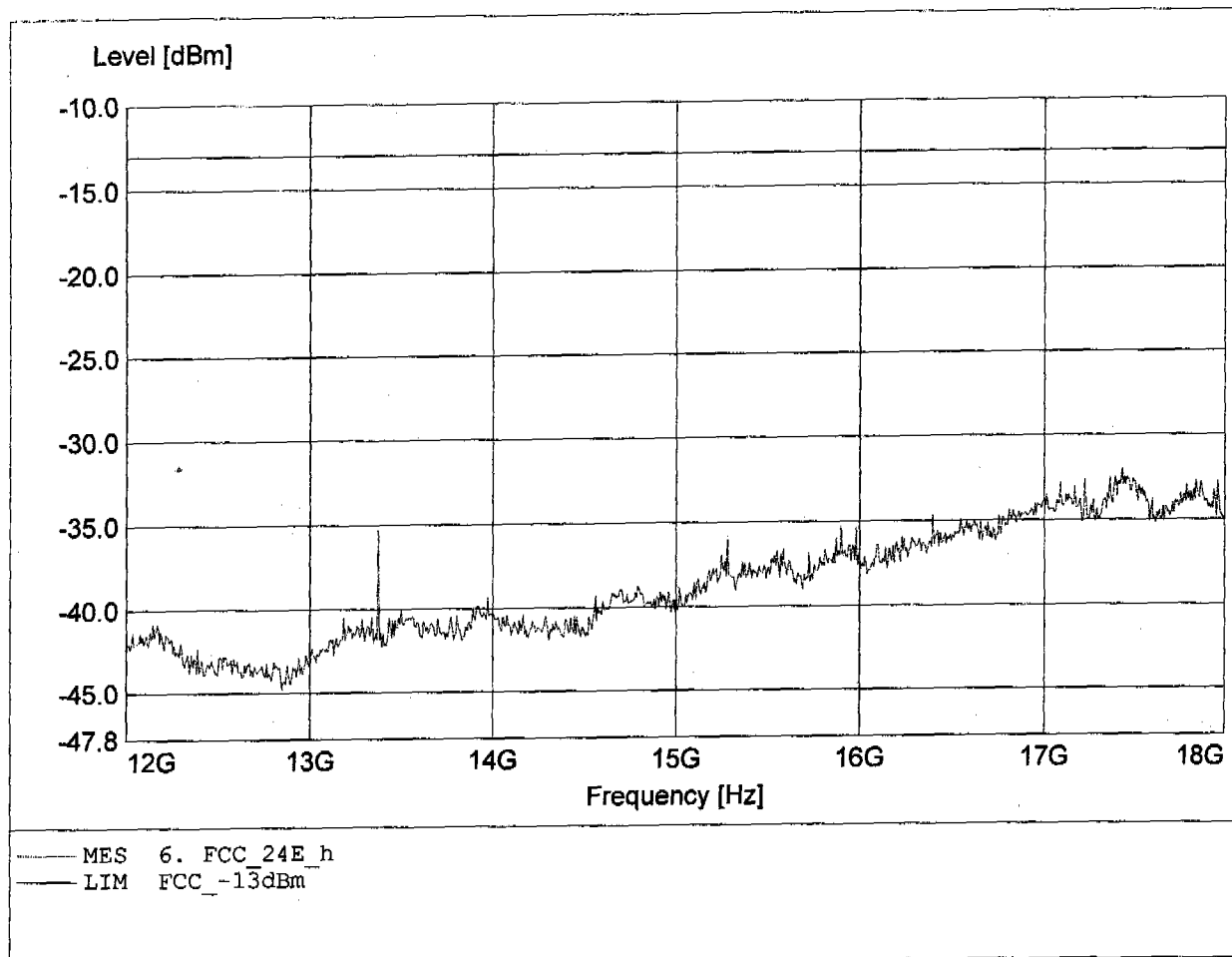
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 9.551GHz, Pmax: -22.89dBm, RBW: 1MHz



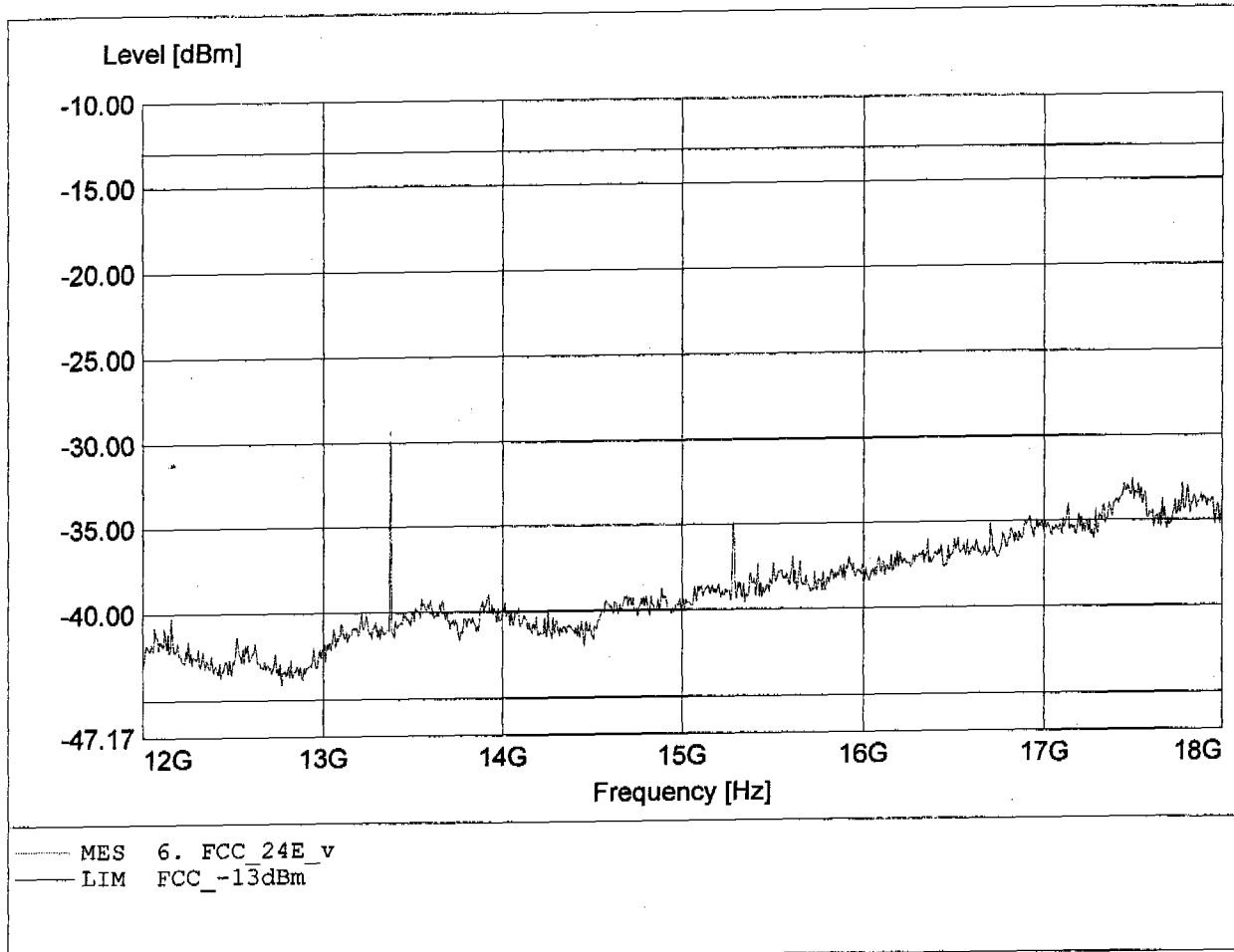
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.427GHz, Pmax: -31.97dBm, RBW: 1MHz



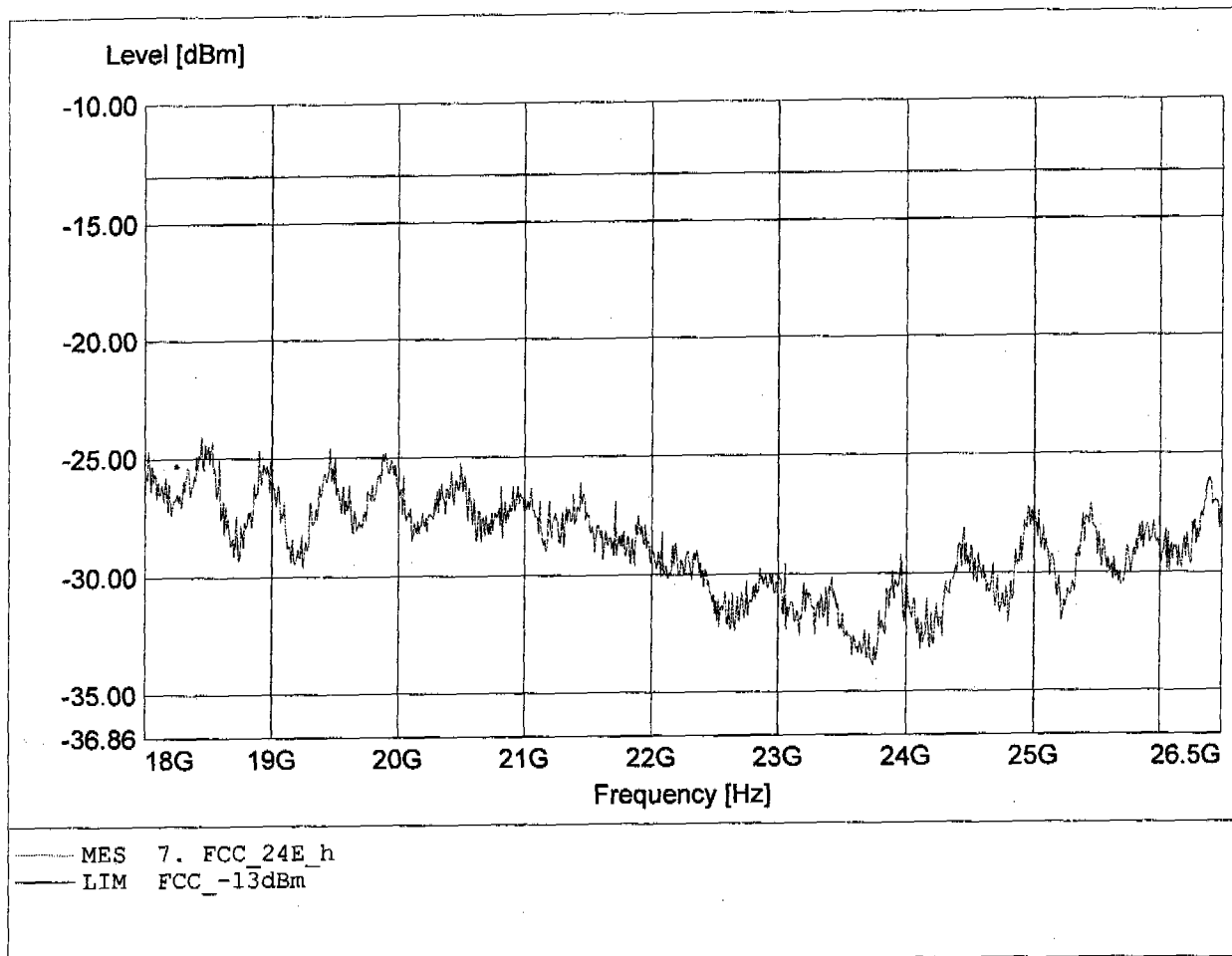
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 13.373GHz, Pmax: -29.26dBm, RBW: 1MHz



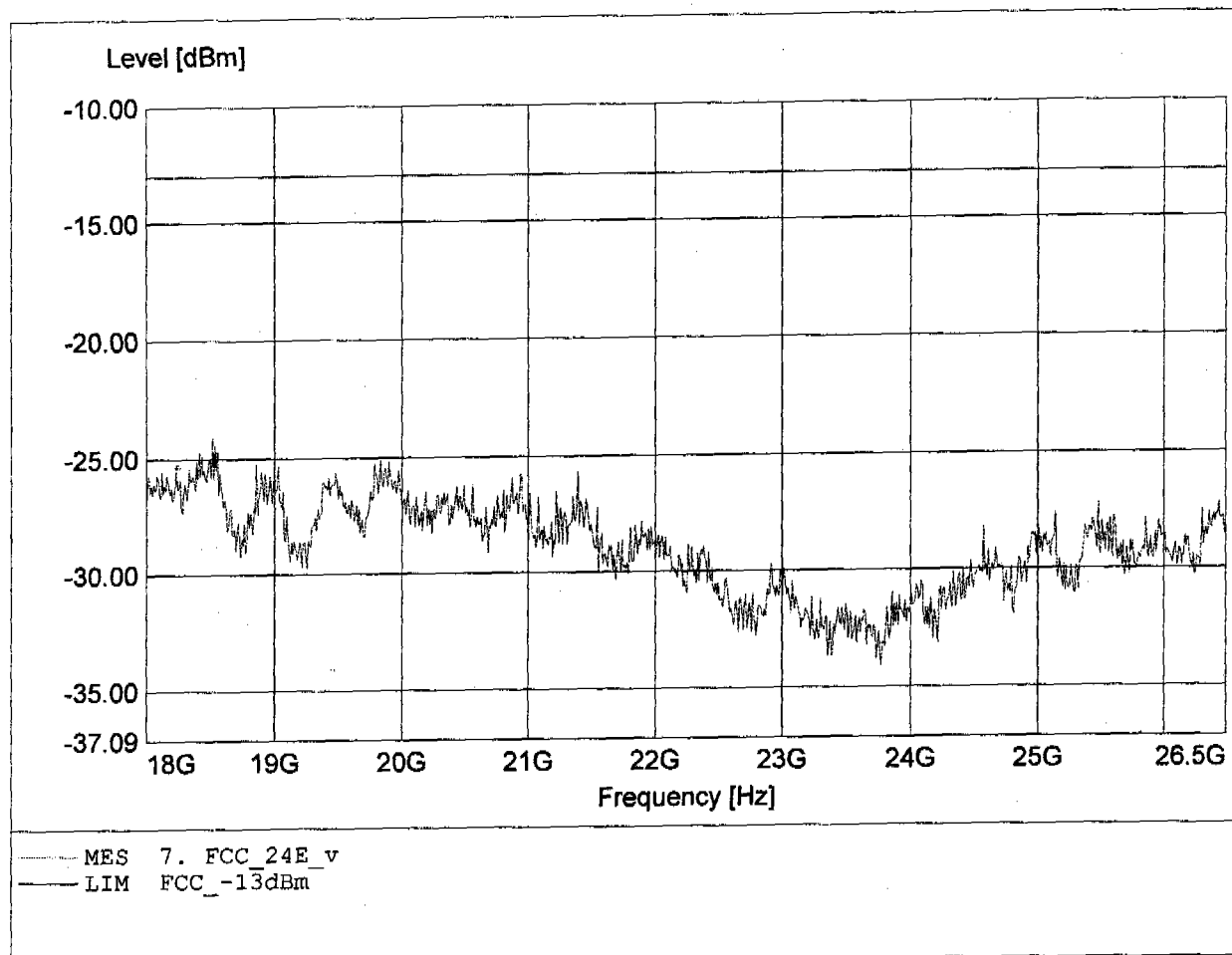
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.444GHz, Pmax: -24.06dBm, RBW: 1MHz



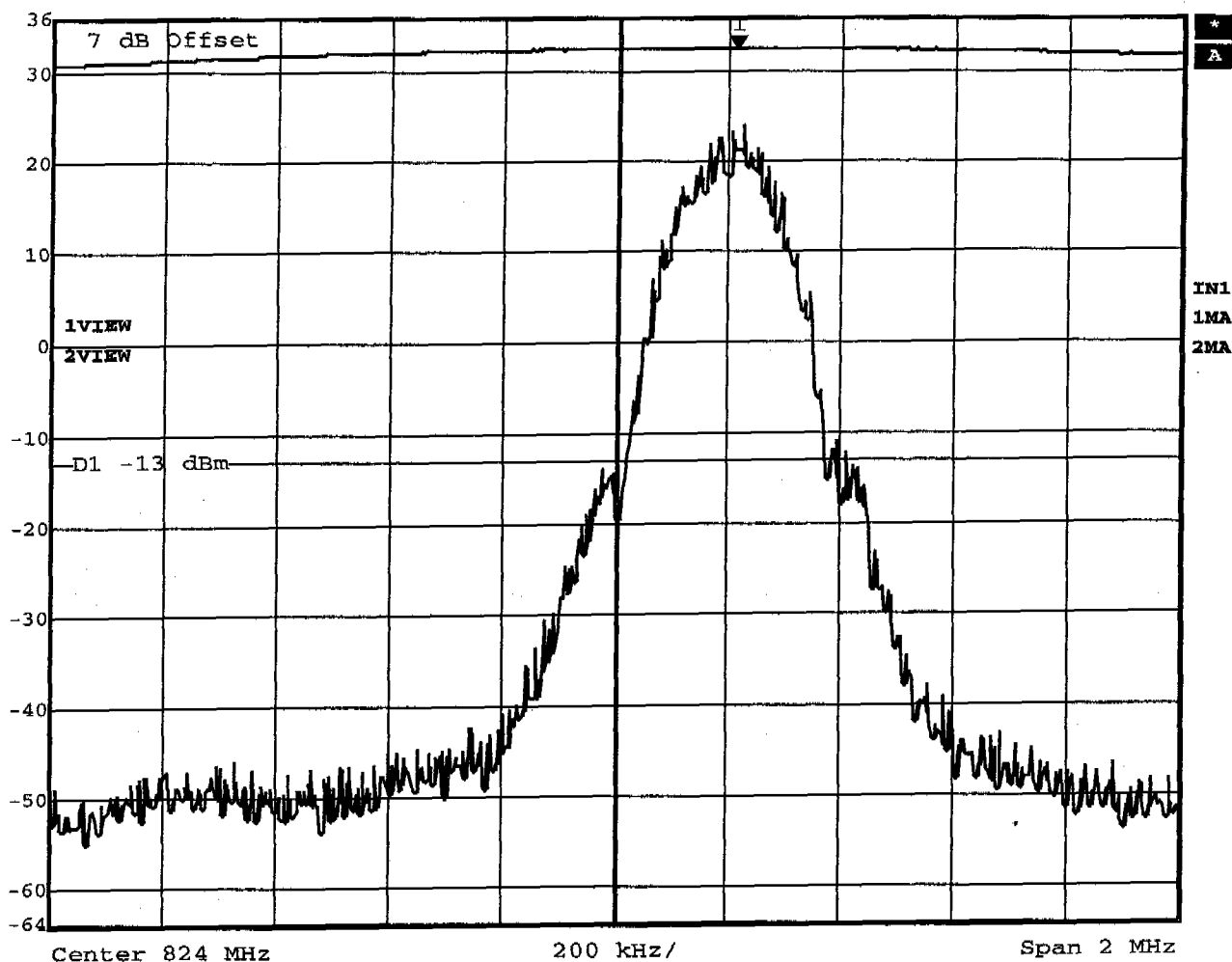
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

EUT: GSM/GPRS board
Model / Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 810
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S24.238
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 18.519GHz, Pmax: -24.12dBm, RBW: 1MHz





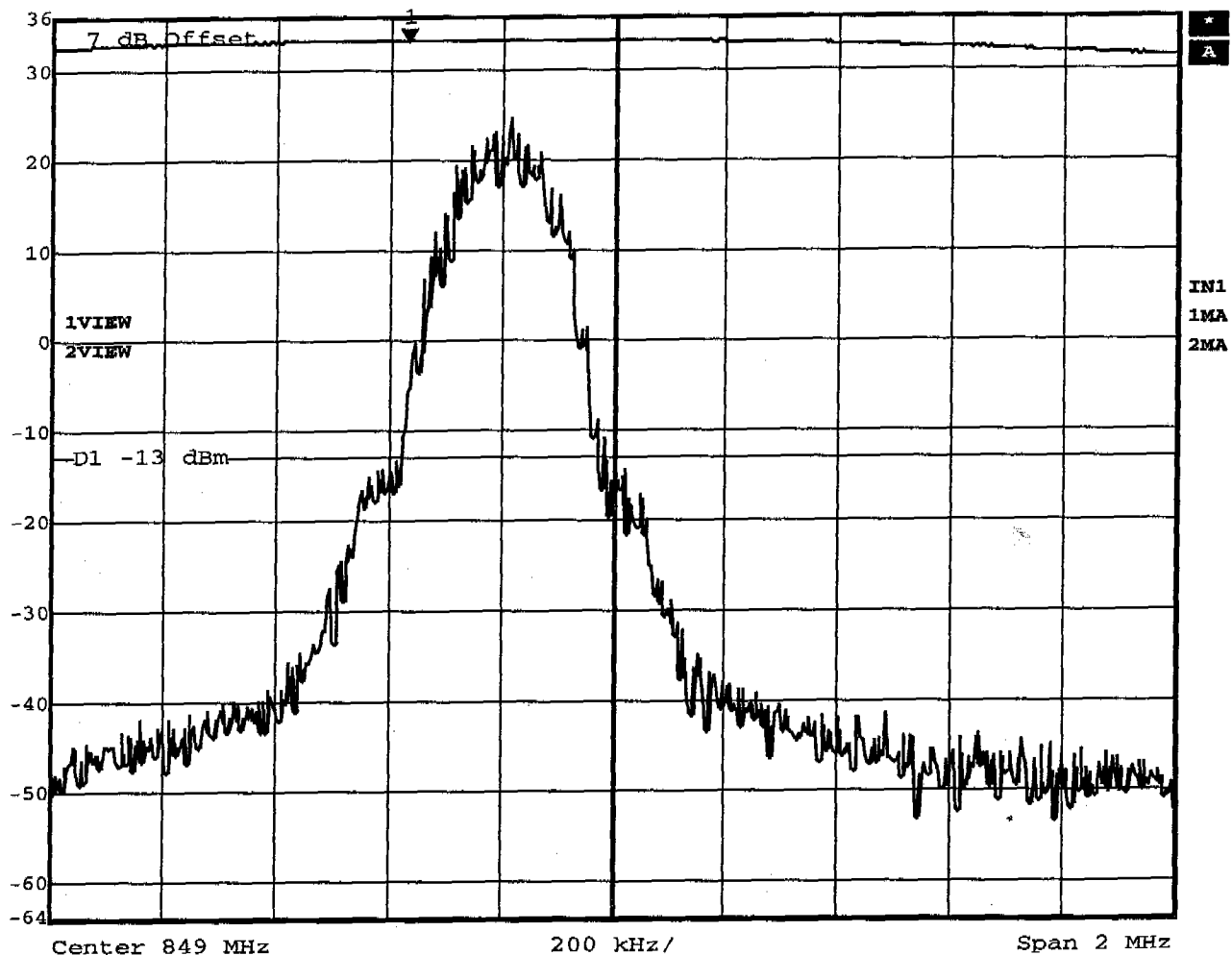
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 32.33 dBm VBW 3 kHz
36 dBm 824.21442886 MHz SWT 560 ms Unit dBm



Title: Lower Band Edge
Date: 2.SEP.2003 07:03:28



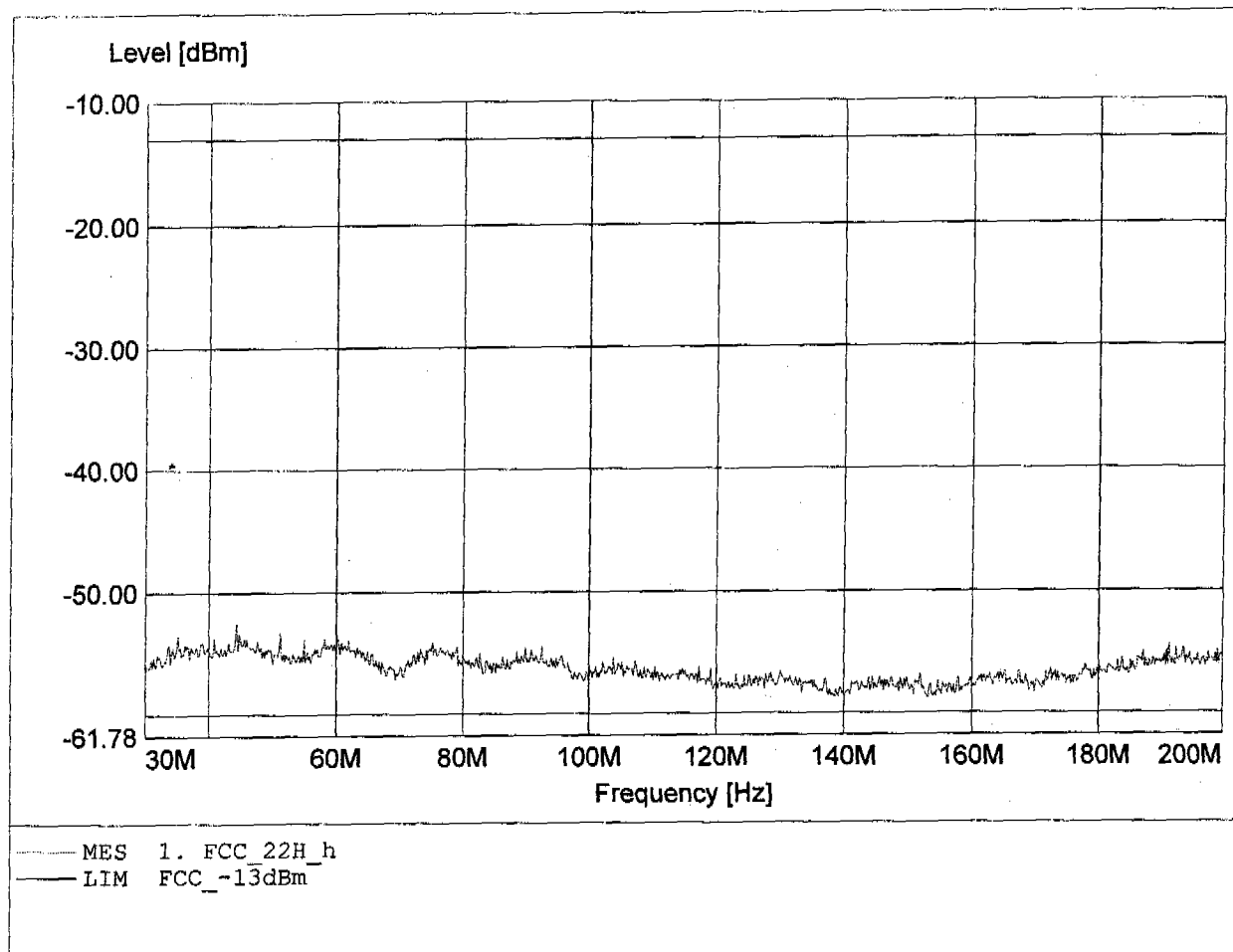
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl 33.19 dBm VBW 3 kHz
36 dBm 848.63326653 MHz SWT 560 ms Unit dBm



Title: Higher Band Edge
Date: 2.SEP.2003 07:38:55

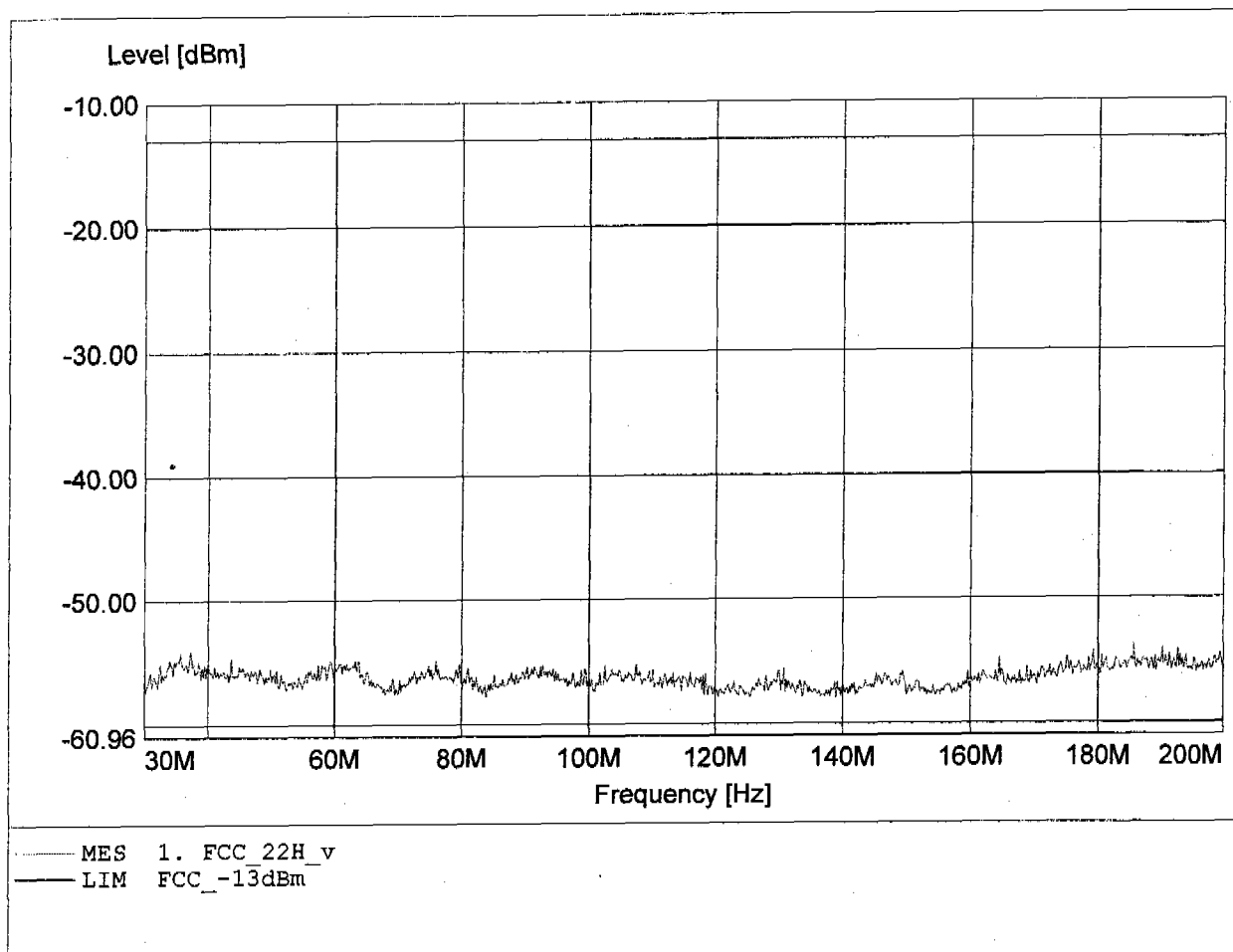
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 44.356MHz, Pmax: -52.52dBm, RBW: 1MHz



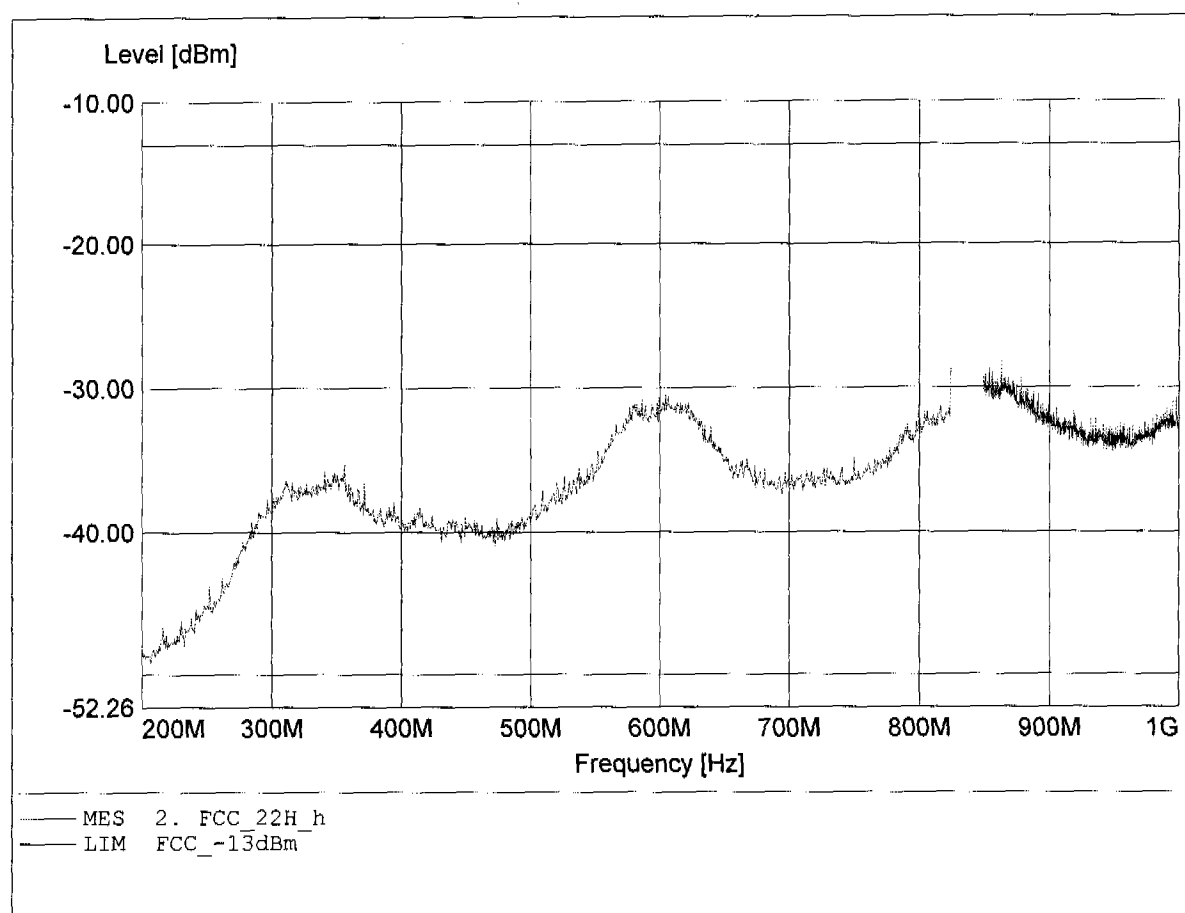
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 185.644MHz, Pmax: -53.79dBm, RBW: 1MHz



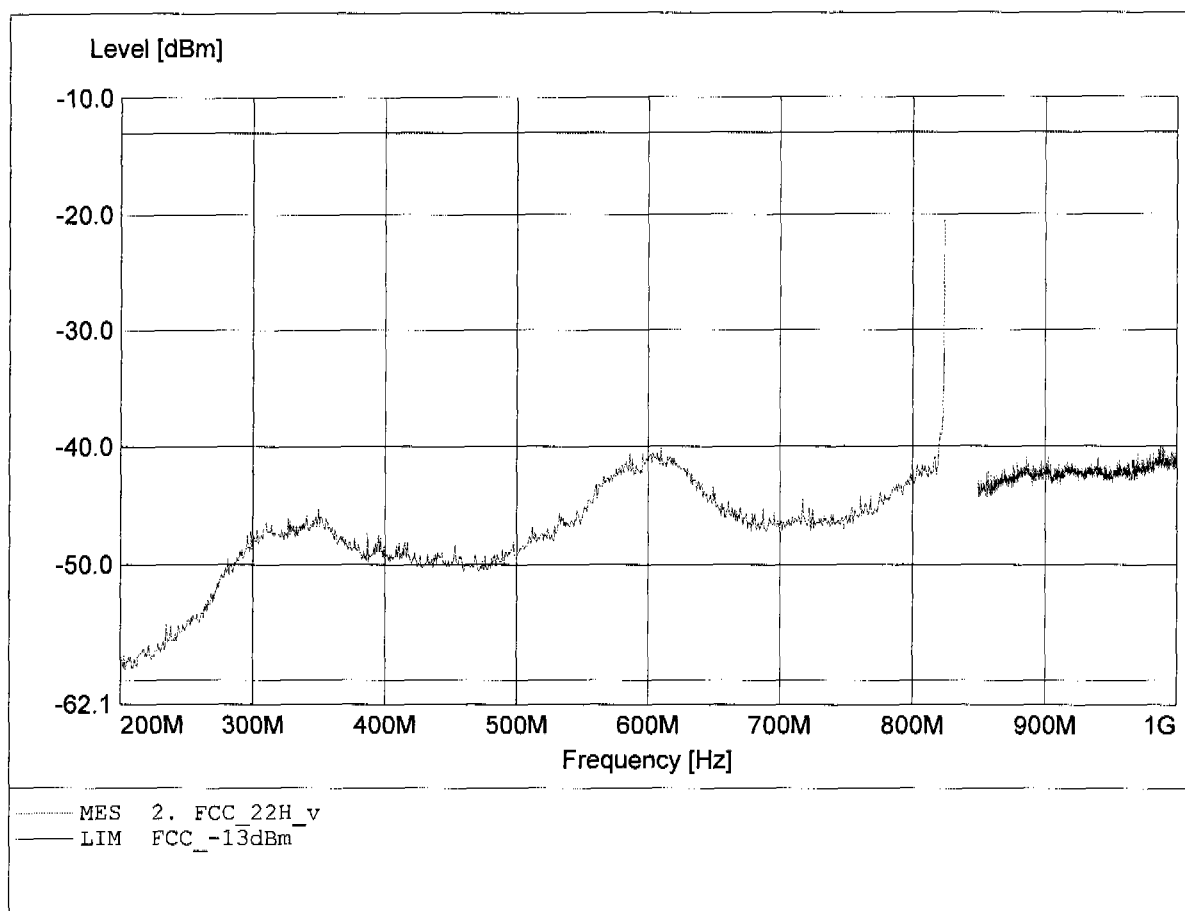
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT/Model: GSM/GPRS board WMPac_P51DBU_204 with module WM Pac_P5186_201
Channel: 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom : 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 863.093MHz, Pmax: -28.16dBm, RBW: 1MHz



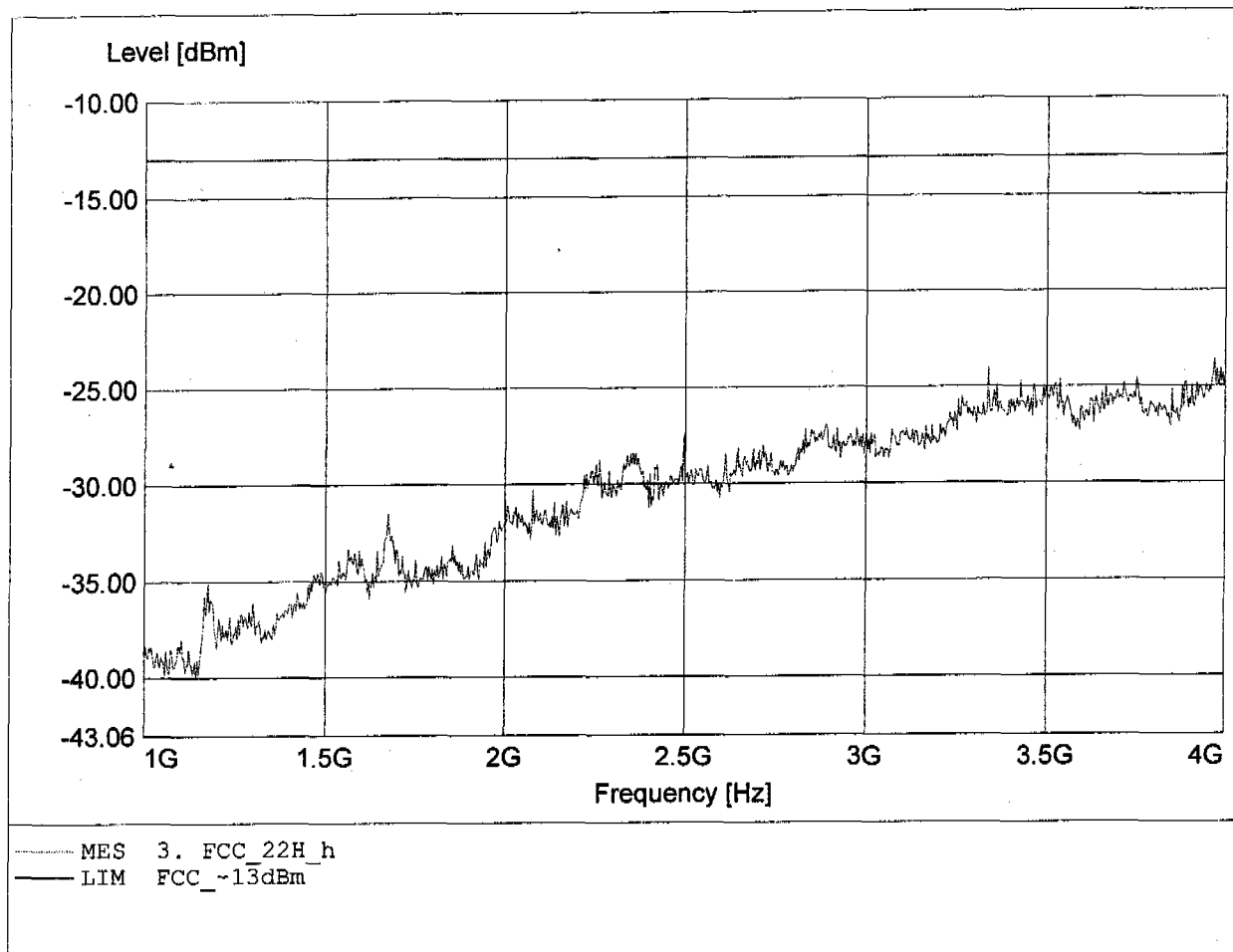
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT/Model: GSM/GPRS board WMPac 51DBU_204 with module WM Pac_P5186_201
Channel: 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom : 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 824.000MHz, Pmax: -20.55dBm, RBW: 1MHz



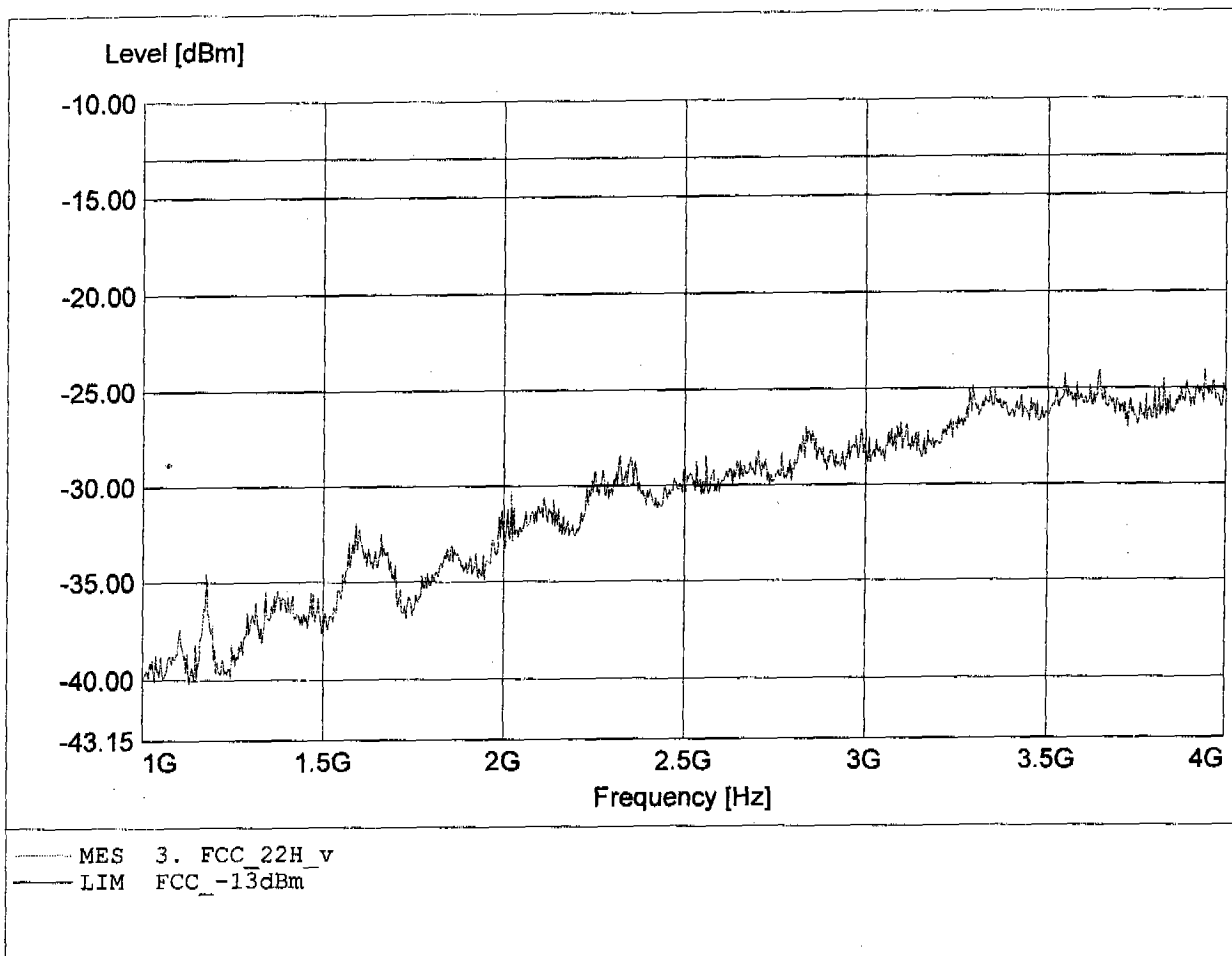
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.970GHz, Pmax: -23.62dBm, RBW: 1MHz



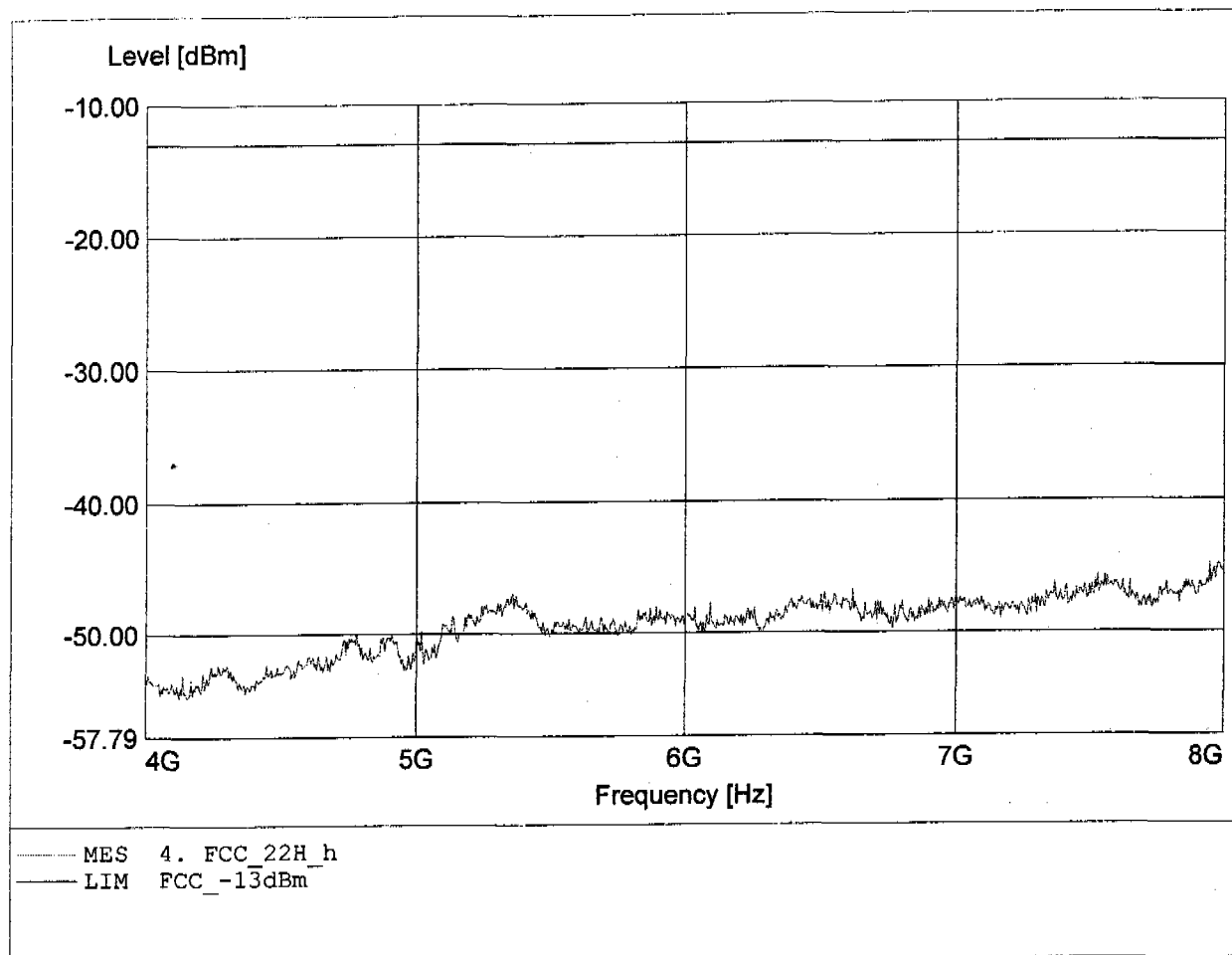
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.940GHz, Pmax: -24.05dBm, RBW: 1MHz



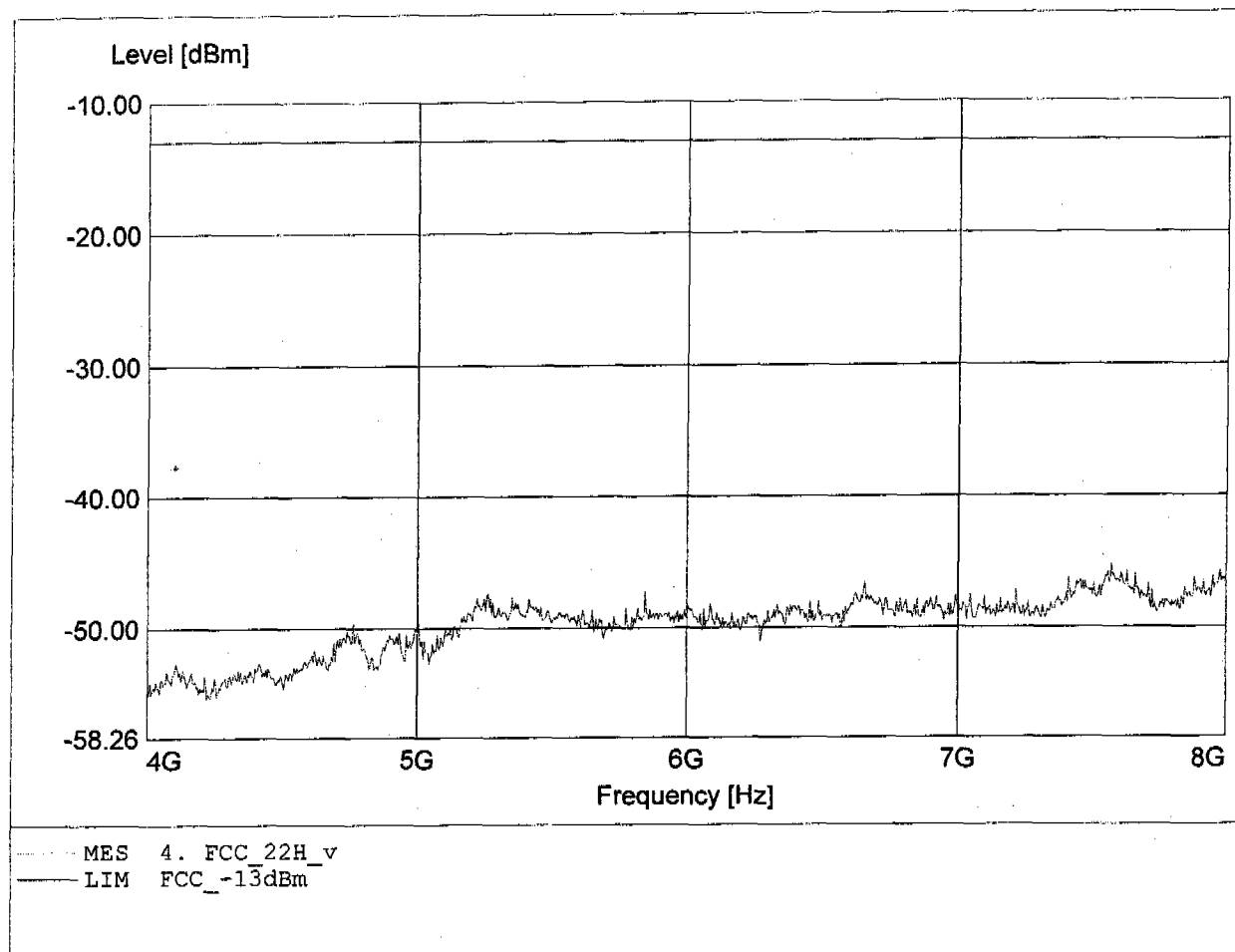
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.982GHz, Pmax: -44.79dBm, RBW: 1MHz



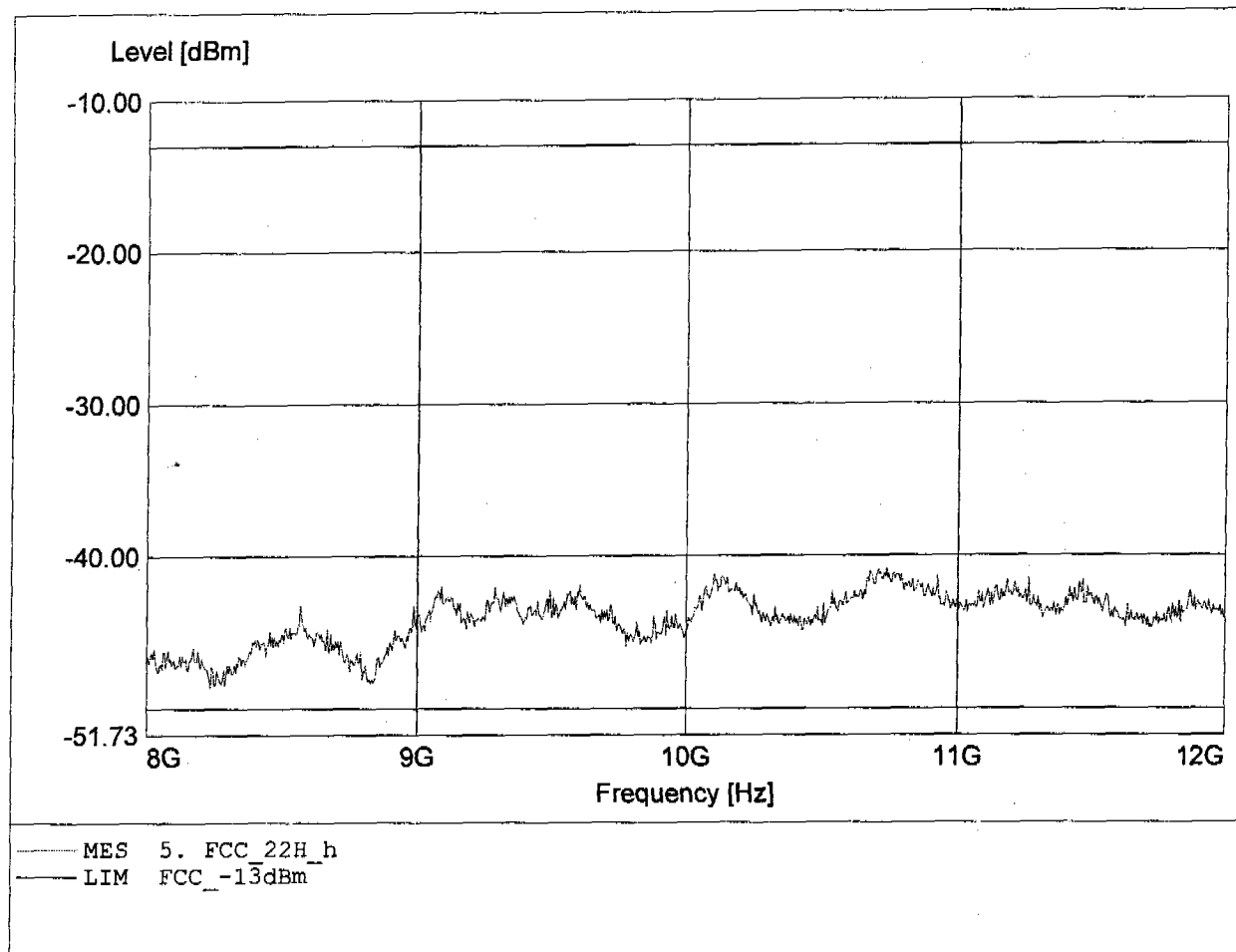
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.569GHz, Pmax: -45.28dBm, RBW: 1MHz



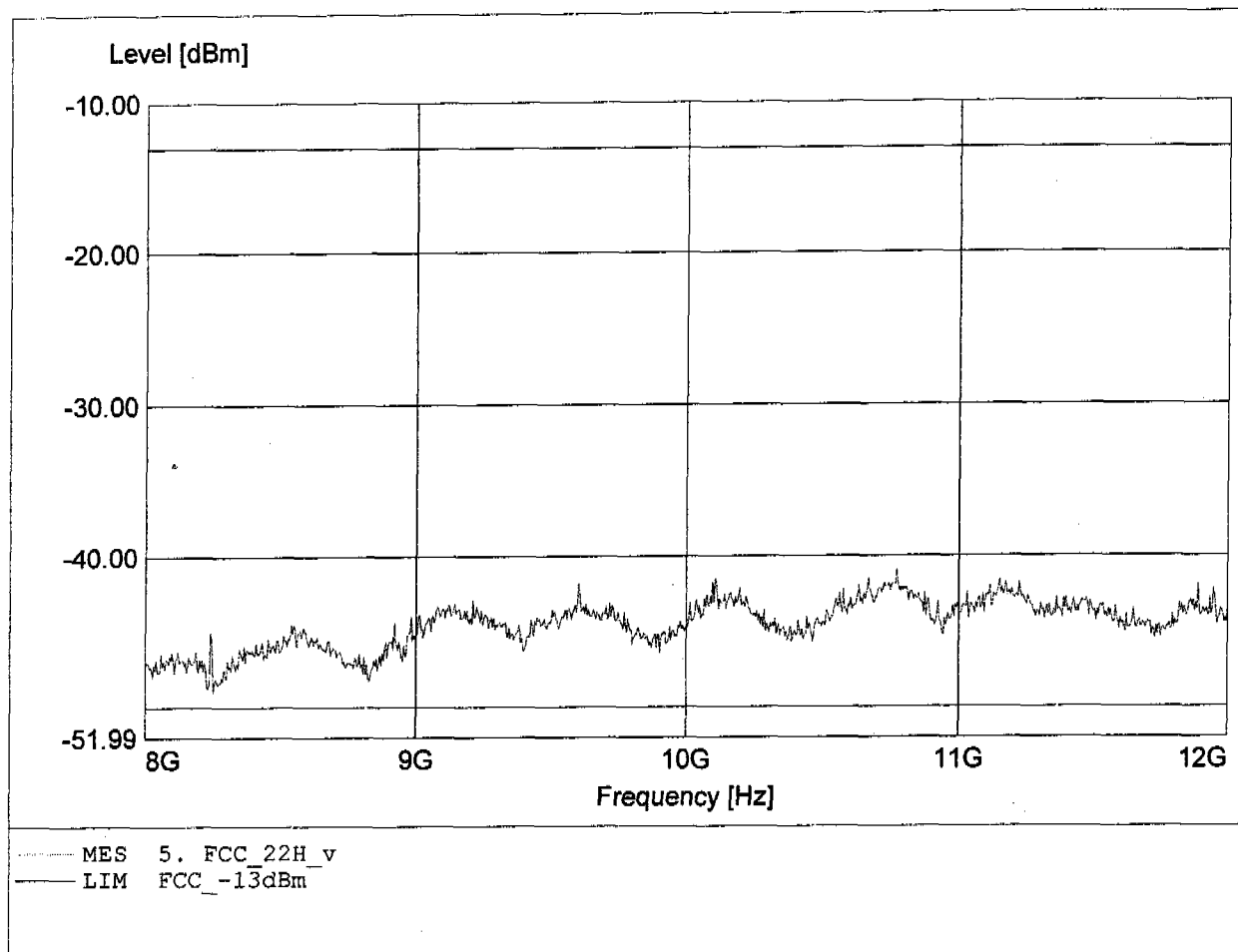
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.738GHz, Pmax: -40.83dBm, RBW: 1MHz



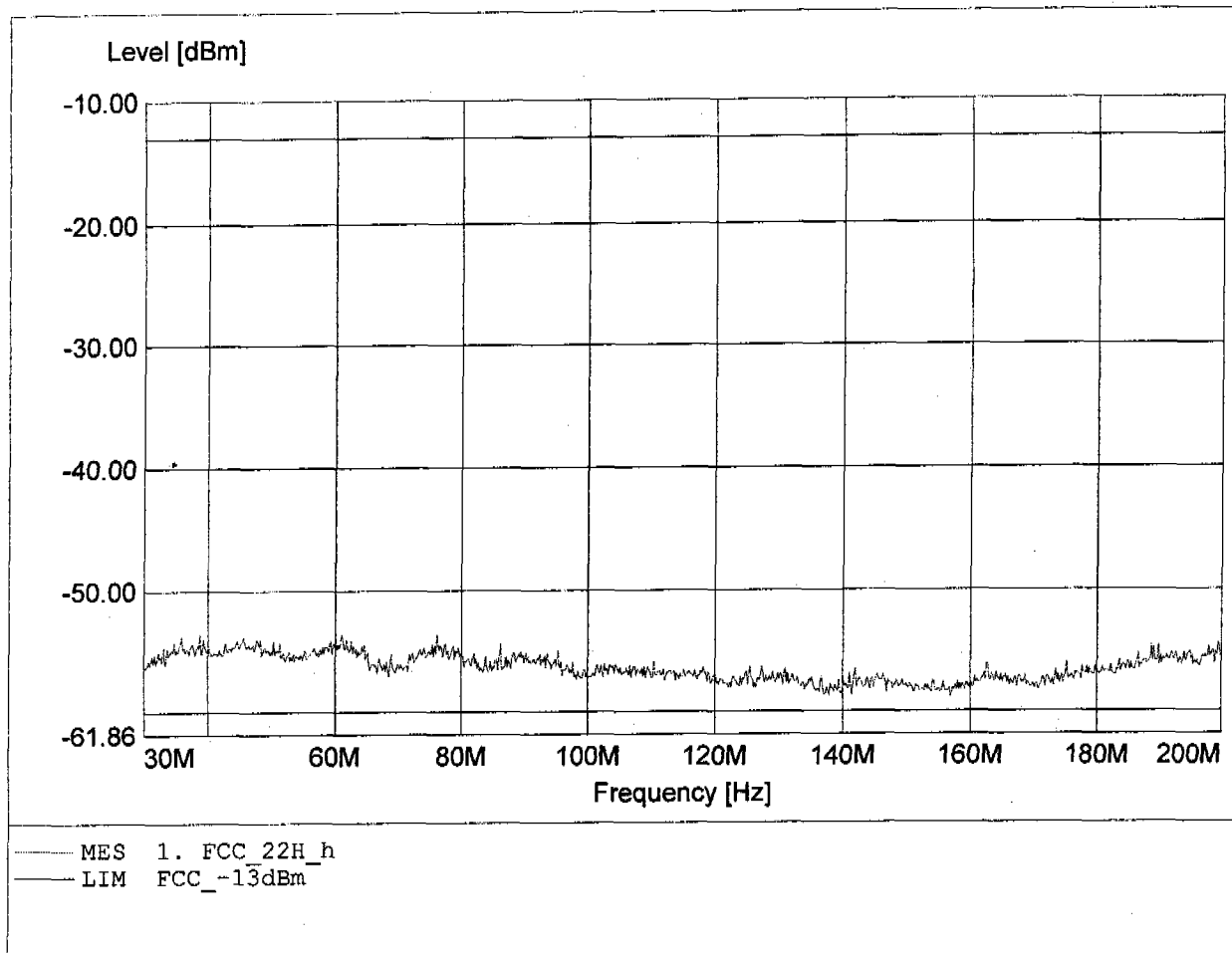
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 128
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.773GHz, Pmax: -40.88dBm, RBW: 1MHz



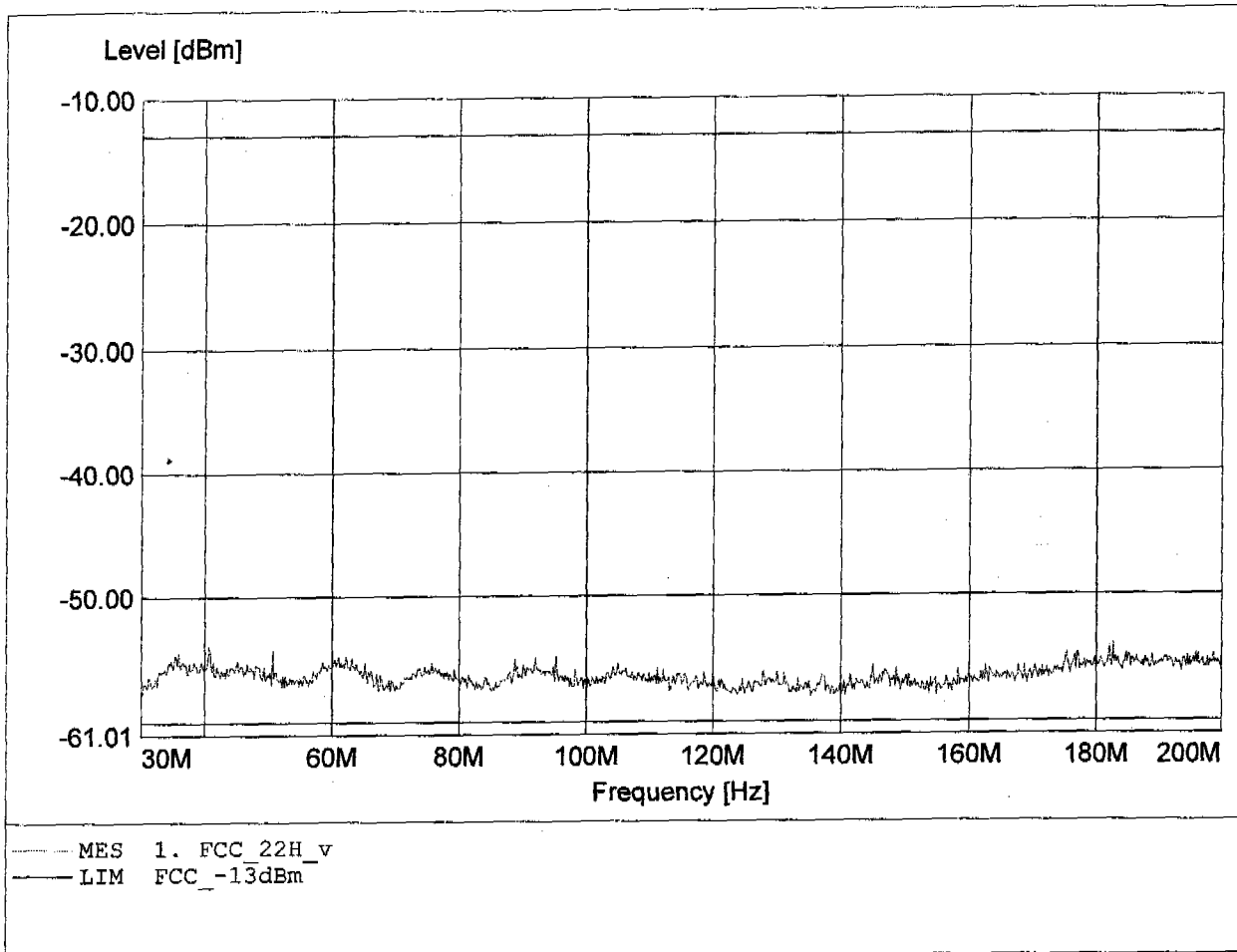
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 60.978MHz, Pmax: -53.52dBm, RBW: 1MHz



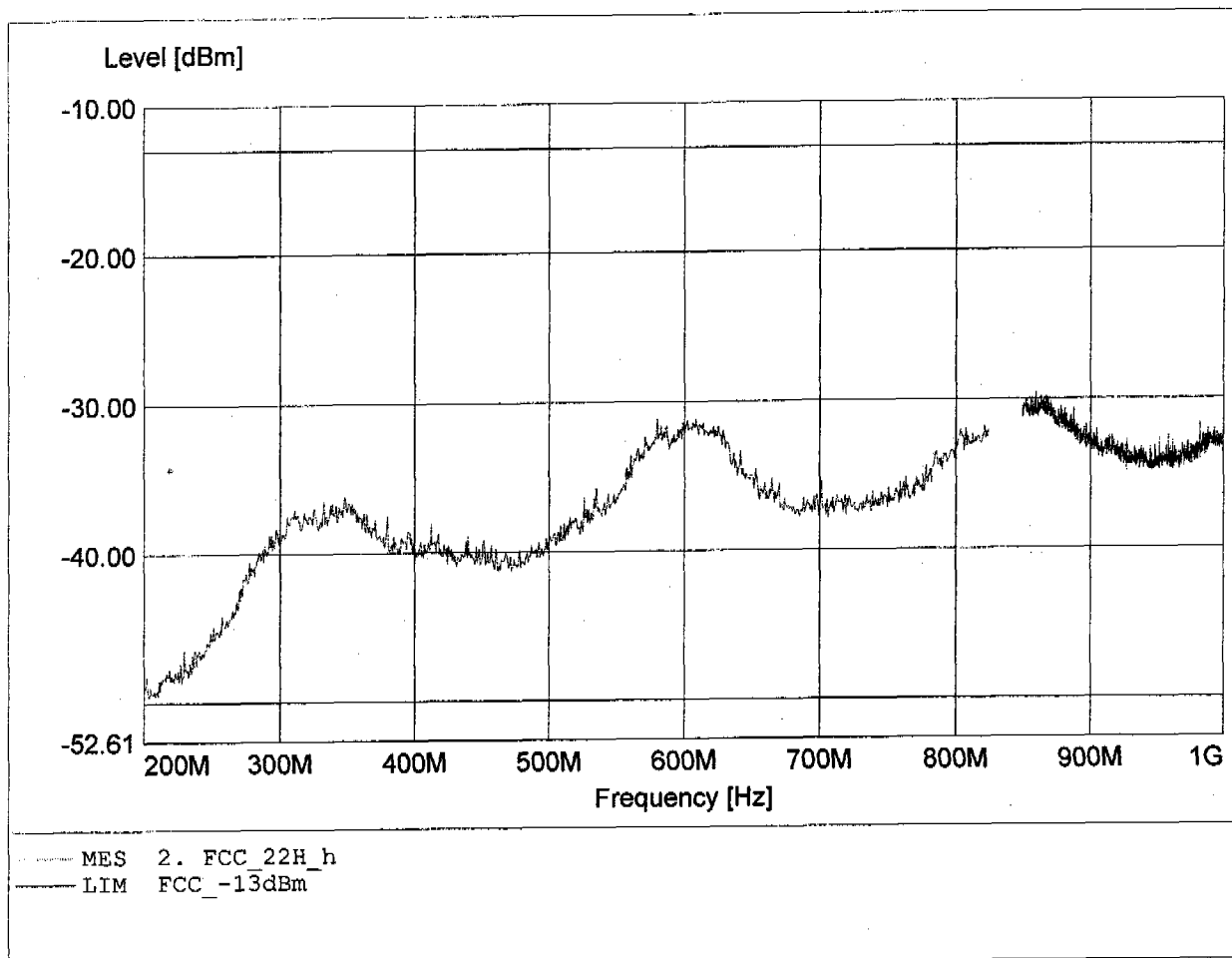
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 40.578MHz, Pmax: -53.83dBm, RBW: 1MHz



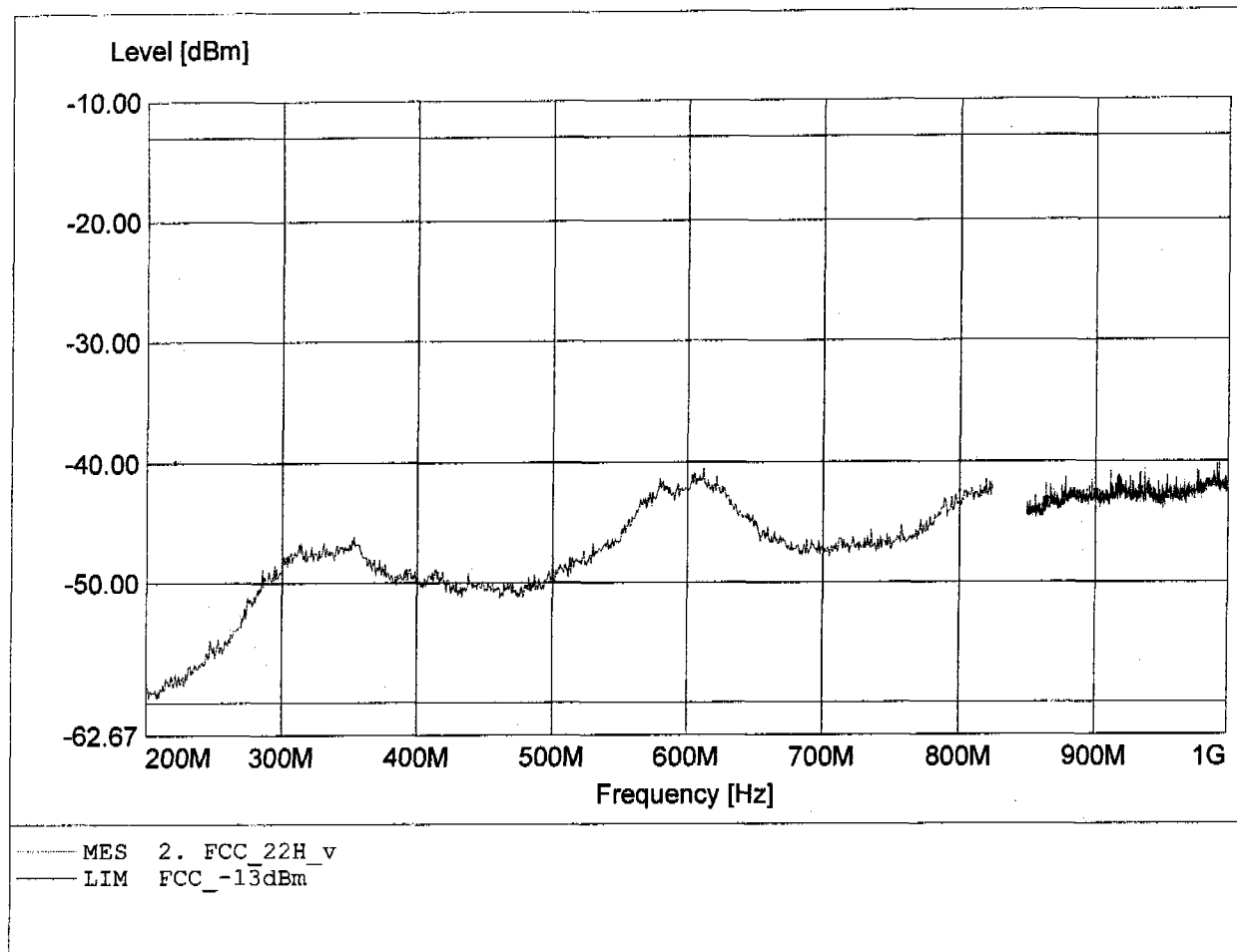
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 859.067MHz, Pmax: -29.57dBm, RBW: 1MHz



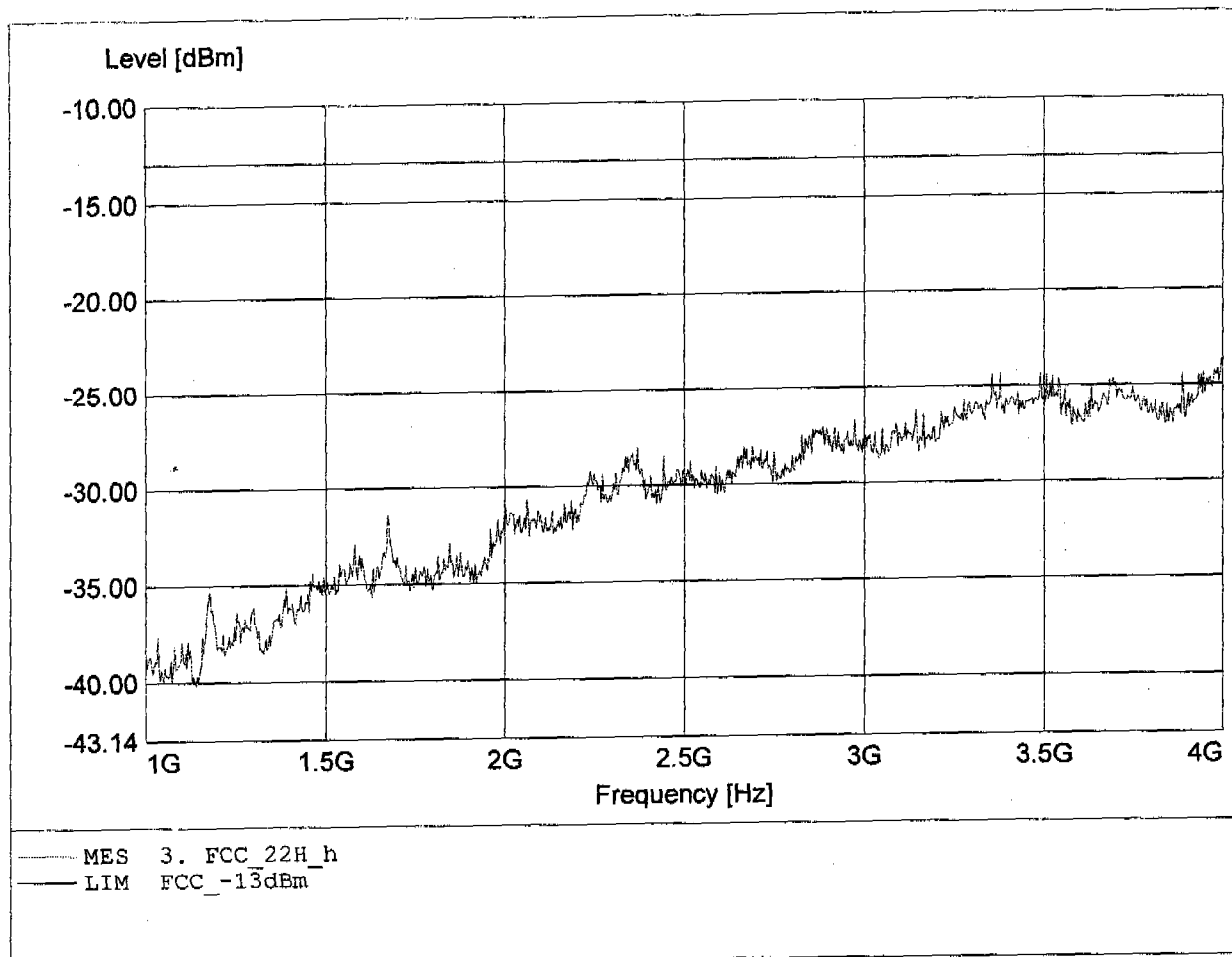
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 993.457MHz, Pmax: -40.05dBm, RBW: 1MHz



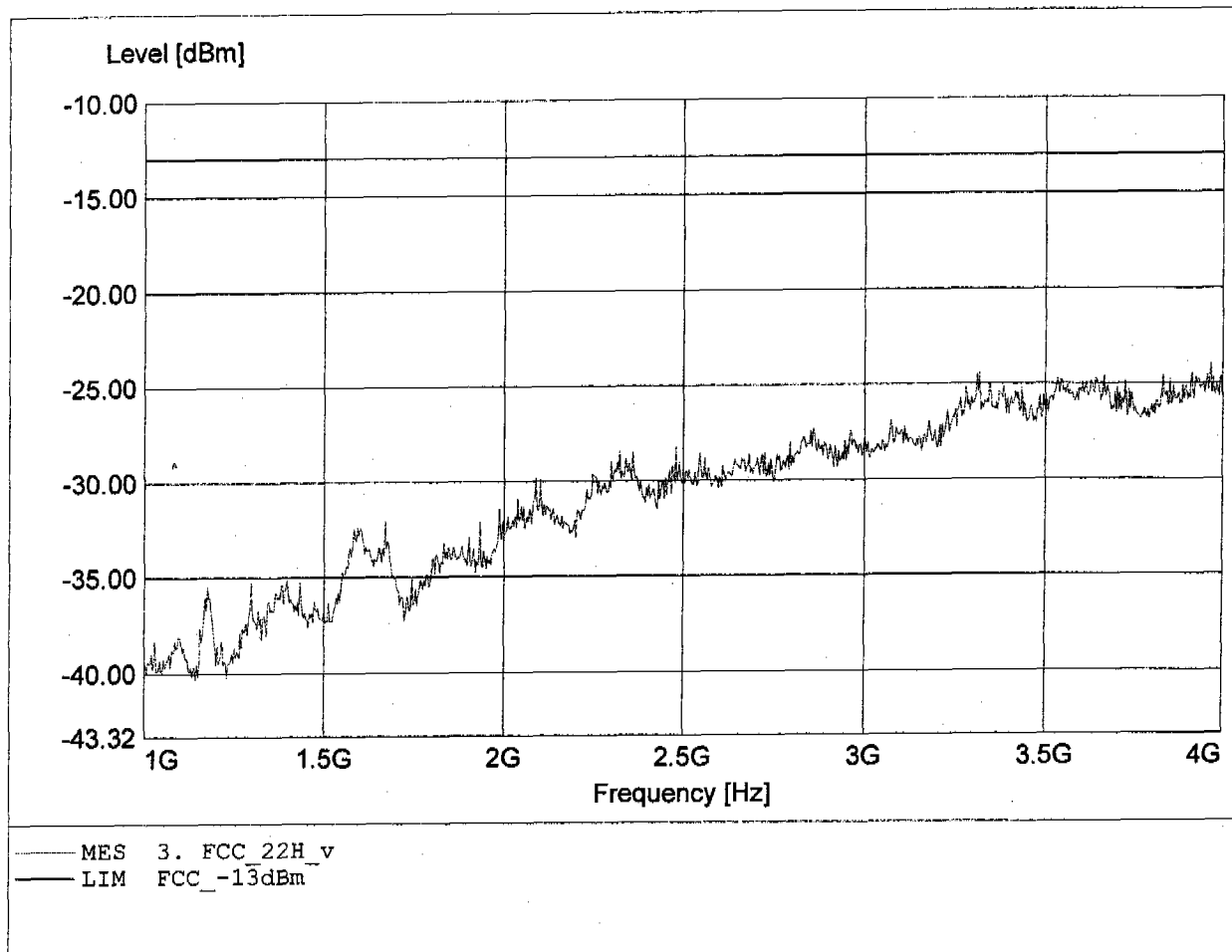
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.997GHz, Pmax: -23.69dBm, RBW: 1MHz



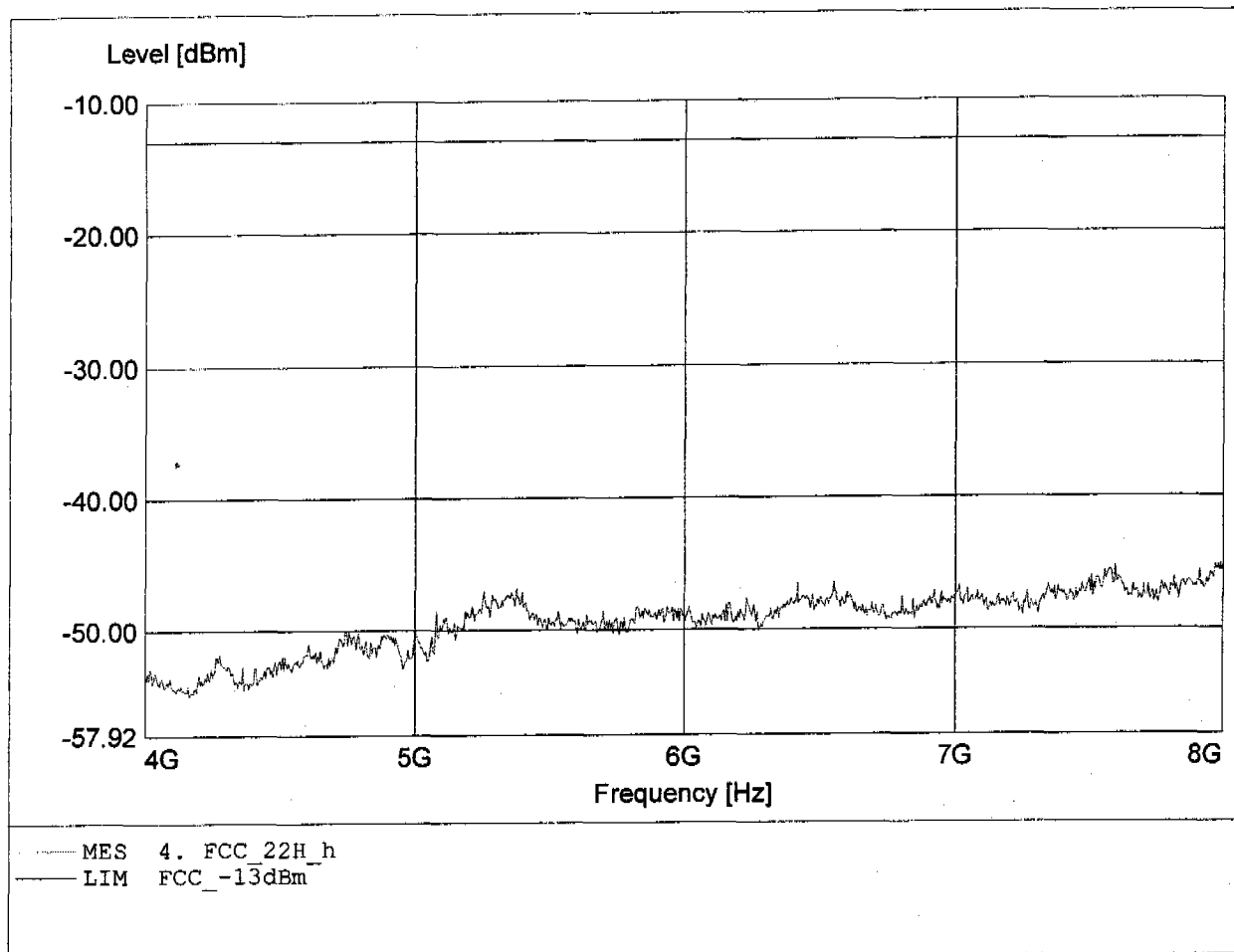
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.967GHz, Pmax: -23.99dBm, RBW: 1MHz



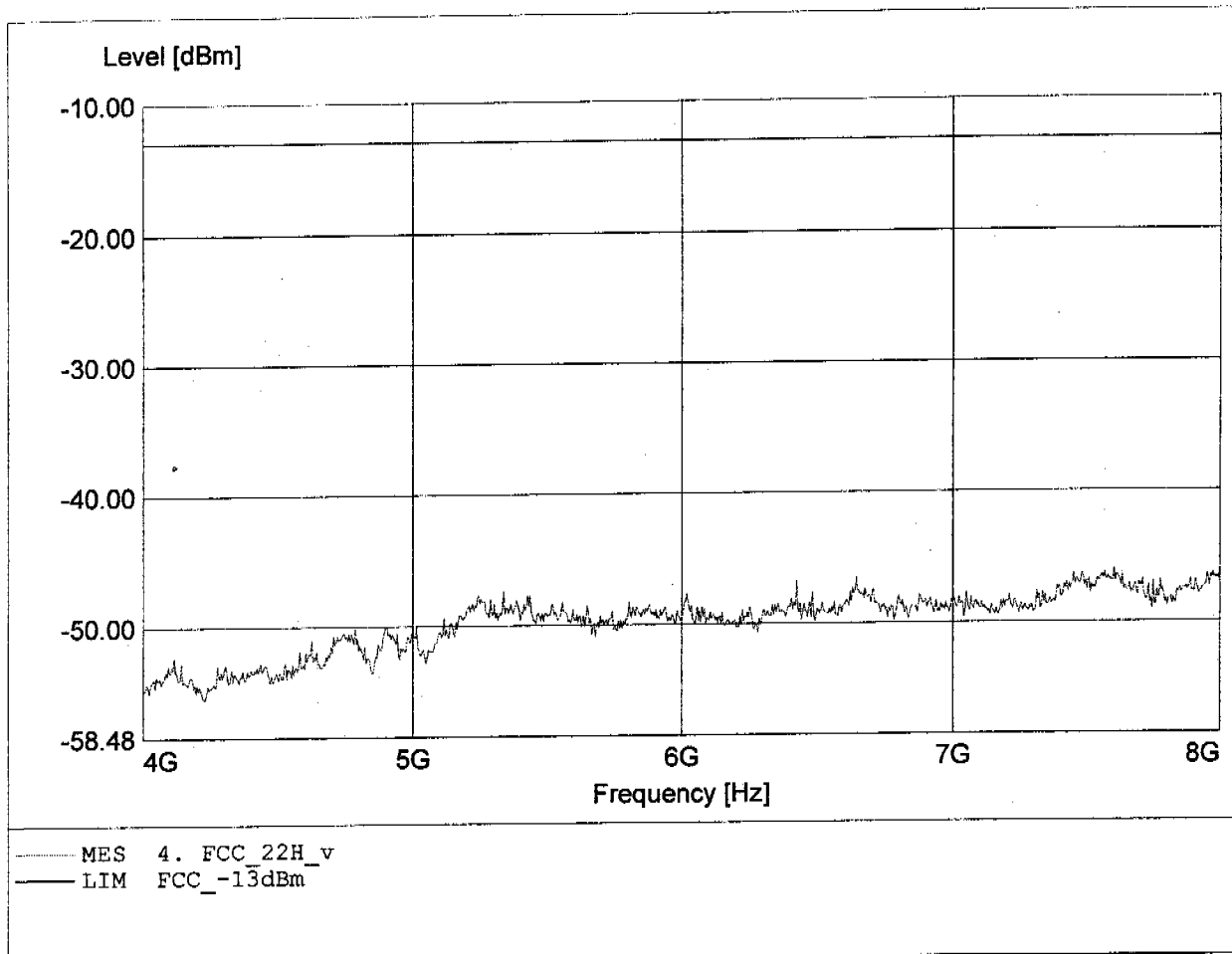
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.969GHz, Pmax: -45.16dBm, RBW: 1MHz



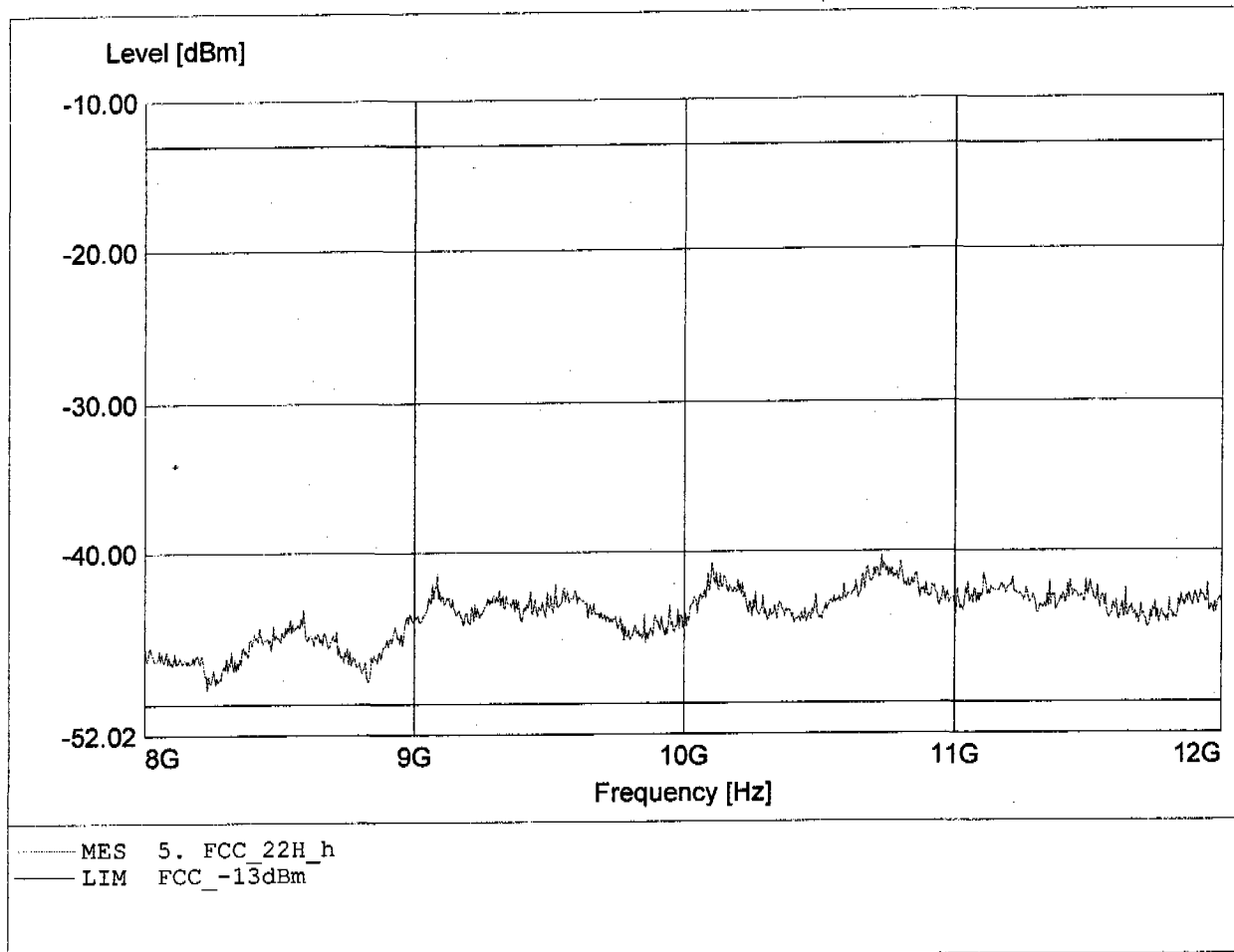
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
 Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
 Approval Holder: WAVECOM
 Test Site / Operator: ETS / Mr. M. Kramer
 Temperature/ Voltage: 23°C / Unom : 3,7 VDC
 Test Specification: according to §22.917
 Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
 Comment 2: Freq: 8.000GHz, Pmax: -45.78dBm, RBW: 1MHz



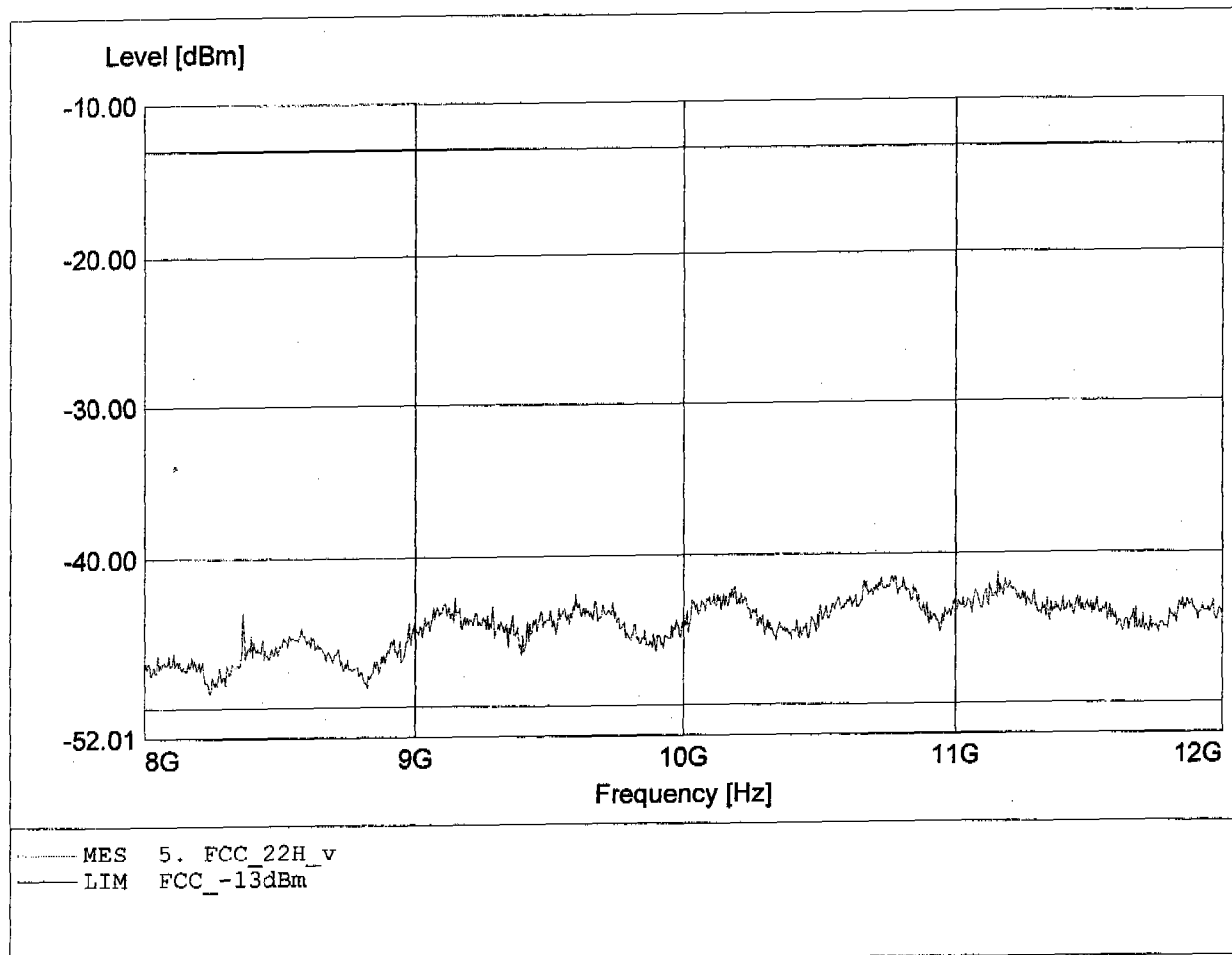
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.729GHz, Pmax: -40.24dBm, RBW: 1MHz



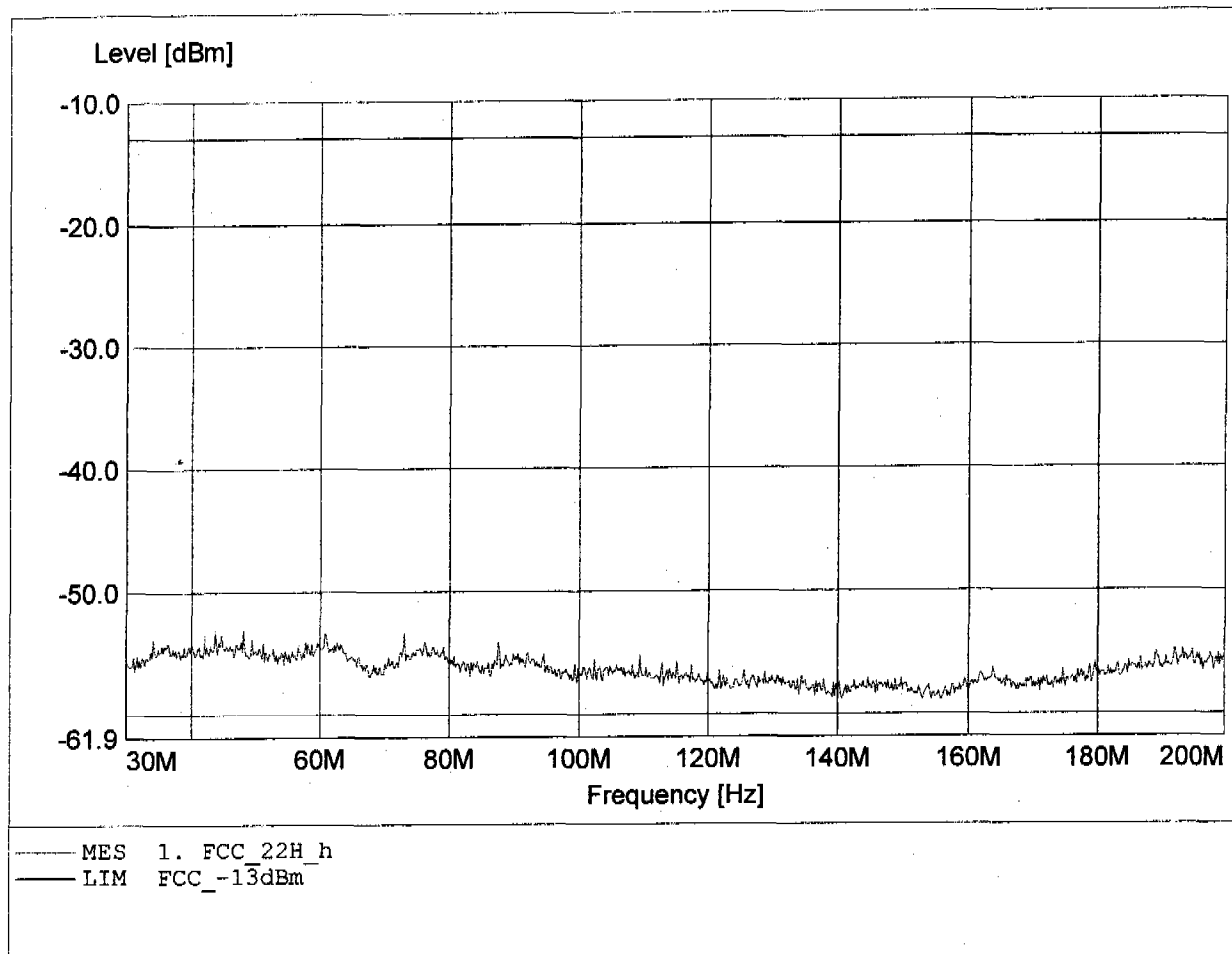
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 188
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.160GHz, Pmax: -41.29dBm, RBW: 1MHz



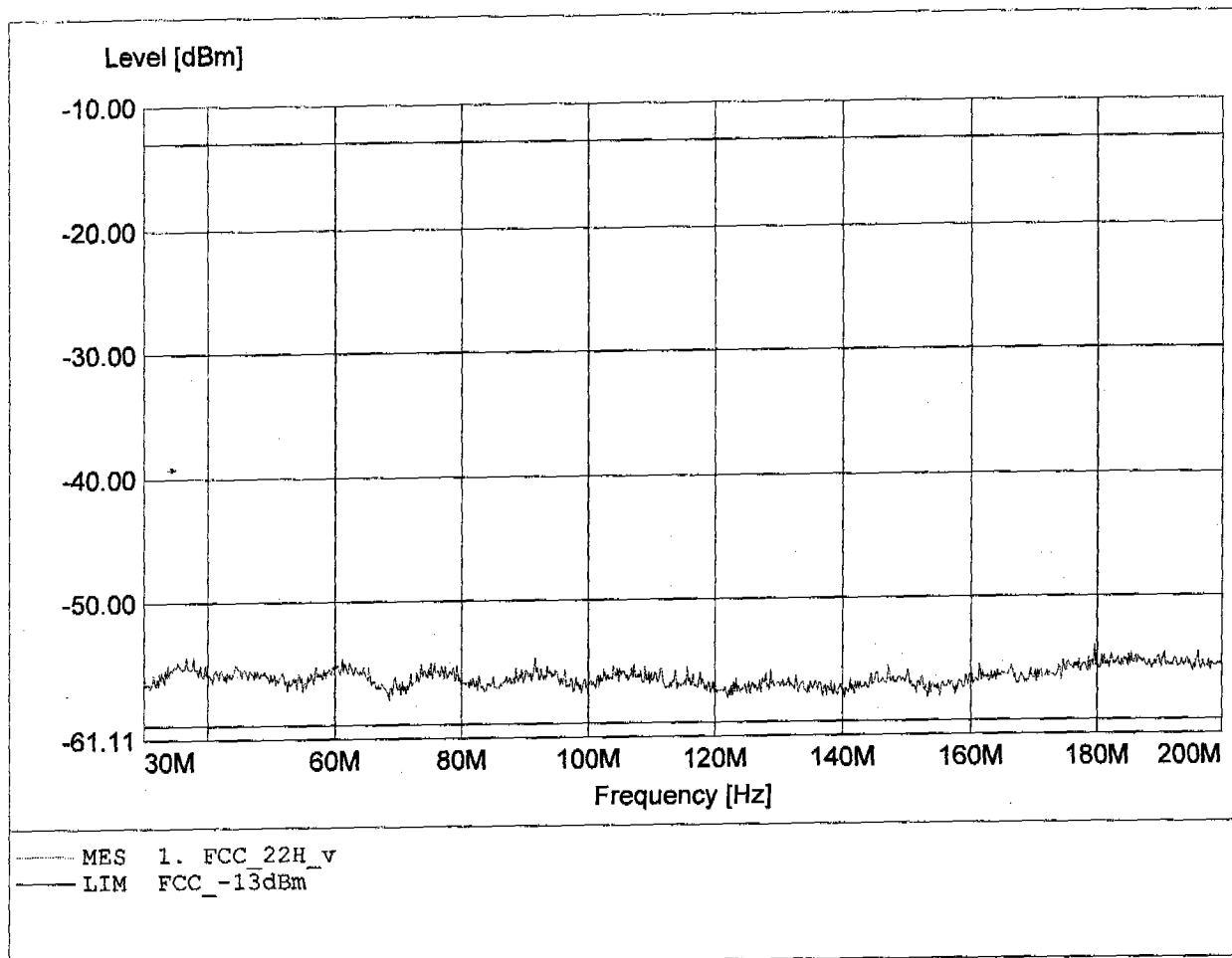
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 48.133MHz, Pmax: -53.00dBm, RBW: 1MHz



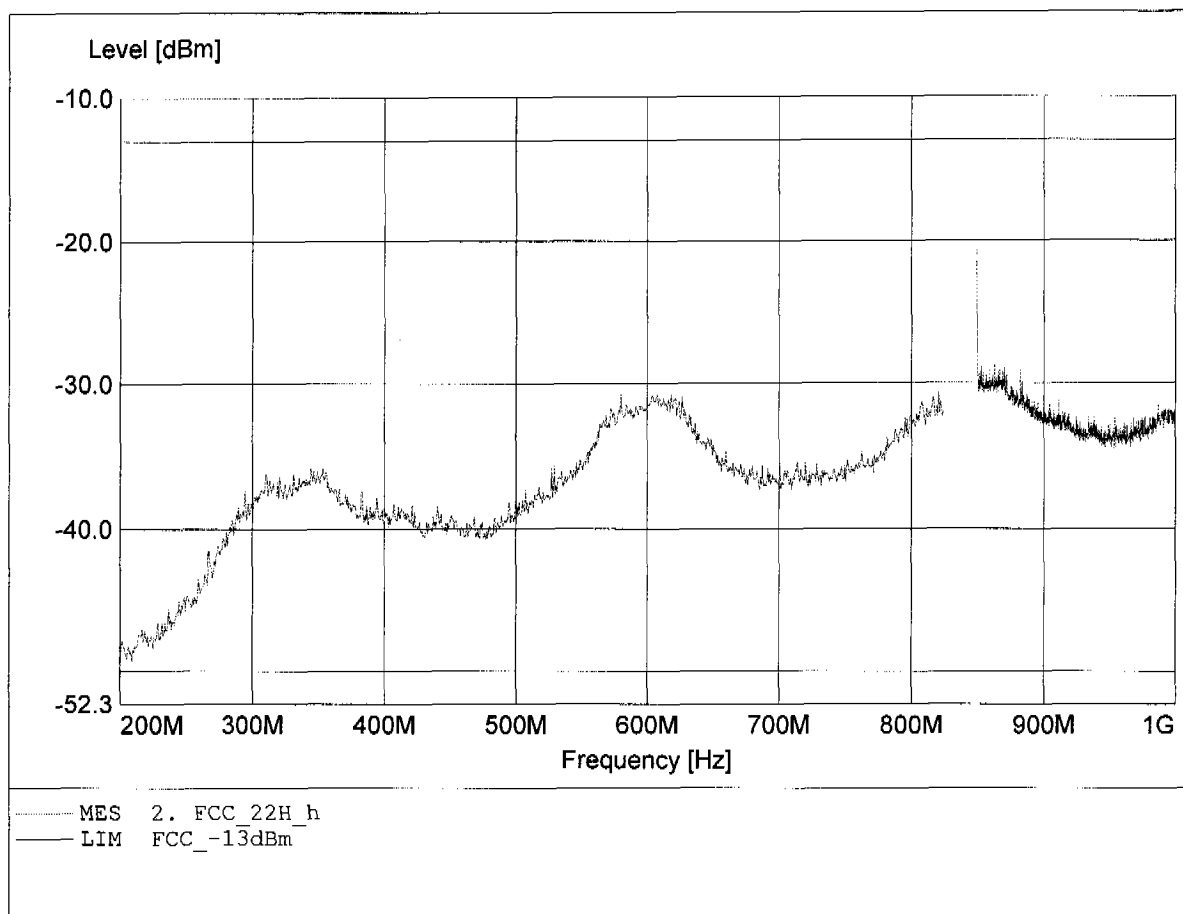
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 179.600MHz, Pmax: -54.00dBm, RBW: 1MHz



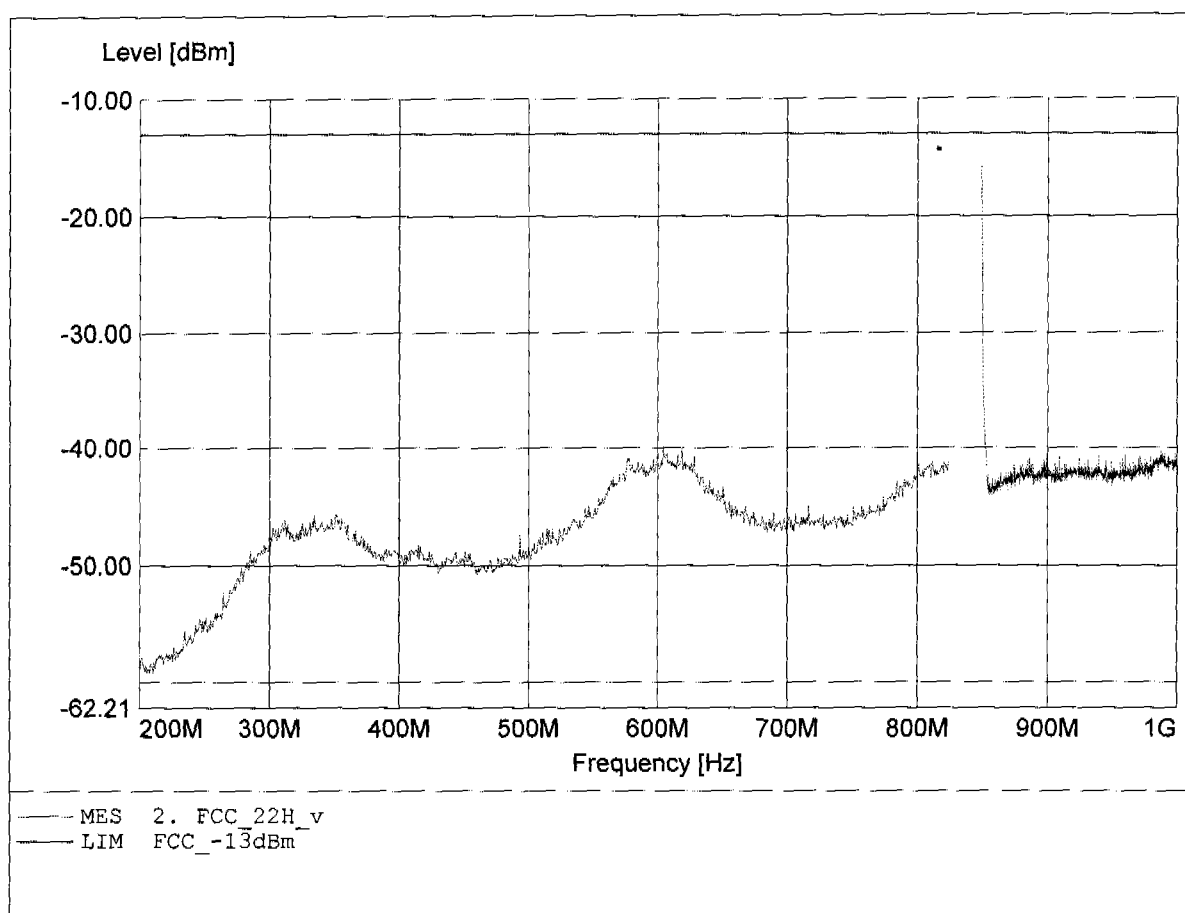
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT/Model: GSM/GPRS board WMPac_P51DBU_204 with module WM Pac_5186_201
Channel: 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom : 3.7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.000MHz, Pmax: -20.67dBm, RBW: 1MHz



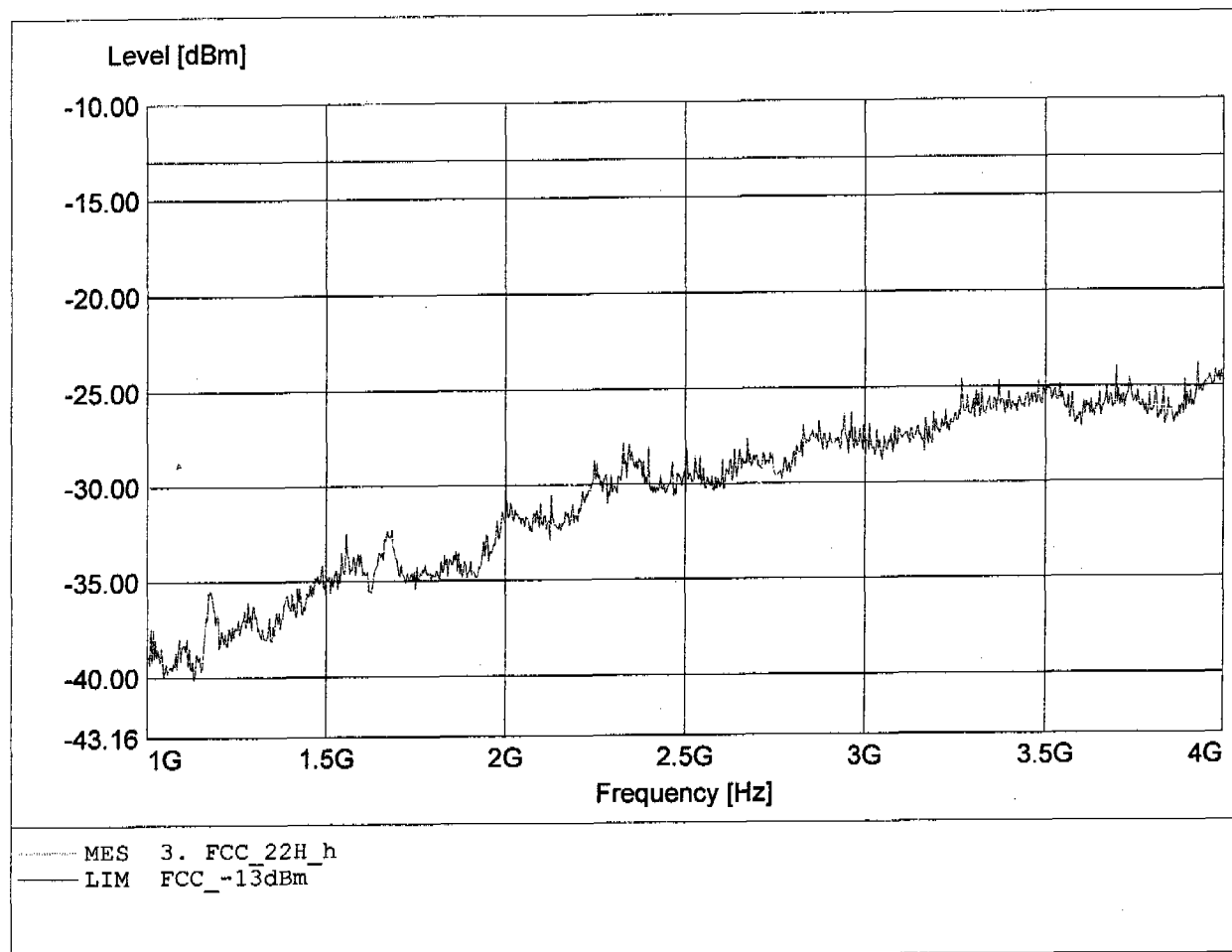
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT/Model: GSM/GPRS board WMPac_51DBU_204 with module WM Pac_P5186_201
Channel: 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom : 3.7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.000MHz, Pmax: -15.85dBm, RBW: 1MHz



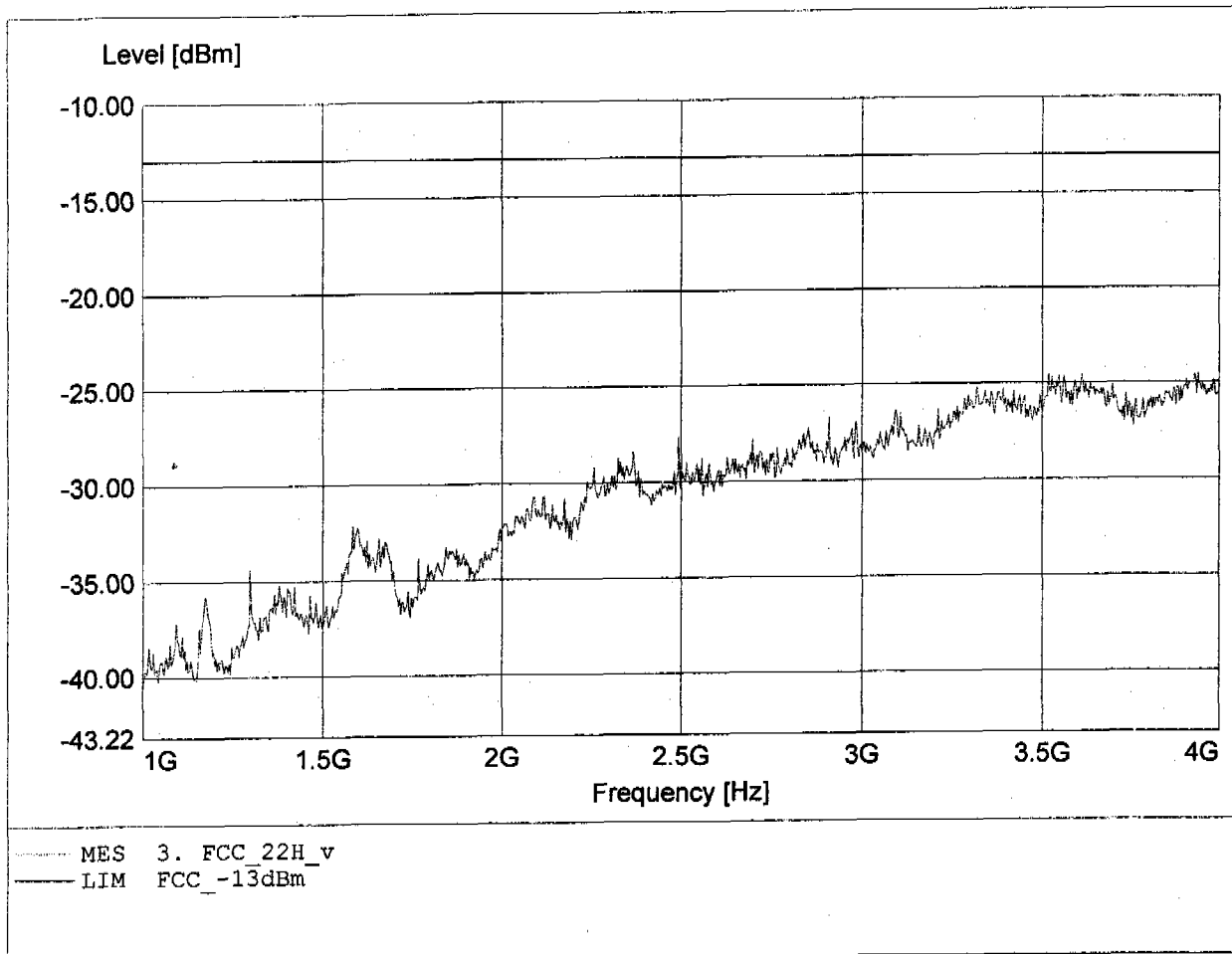
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.927GHz, Pmax: -23.79dBm, RBW: 1MHz



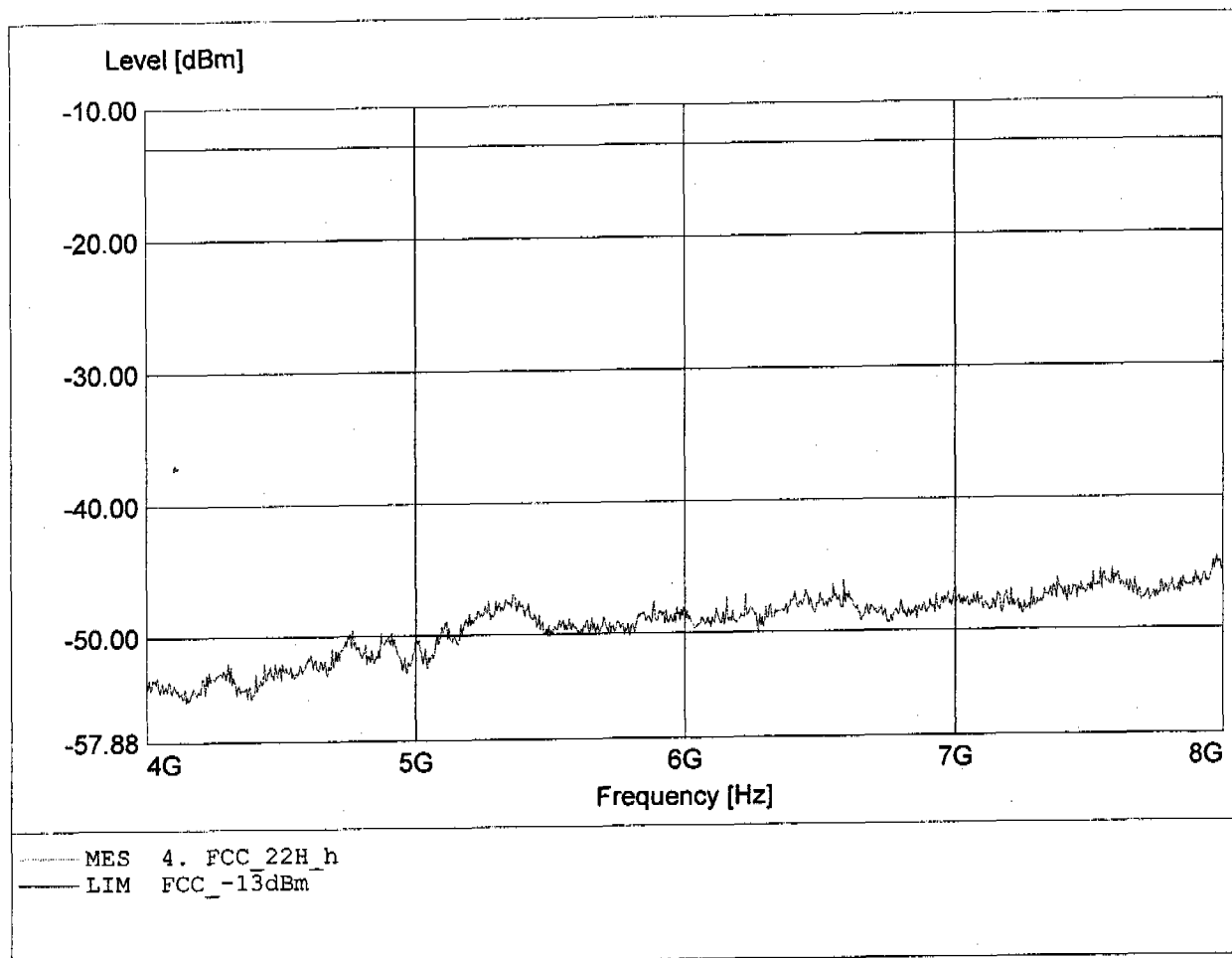
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.940GHz, Pmax: -24.48dBm, RBW: 1MHz



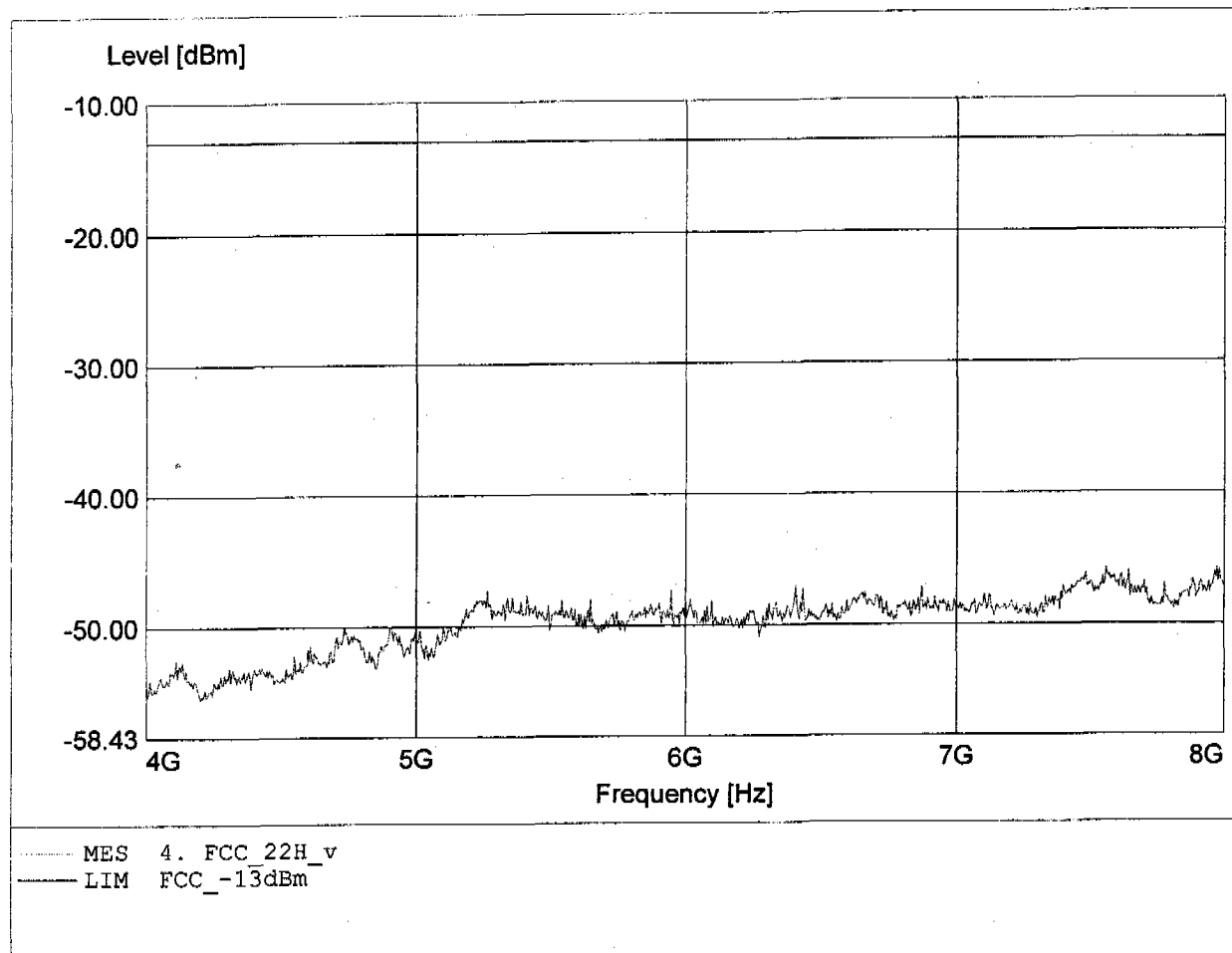
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.978GHz, Pmax: -44.60dBm, RBW: 1MHz



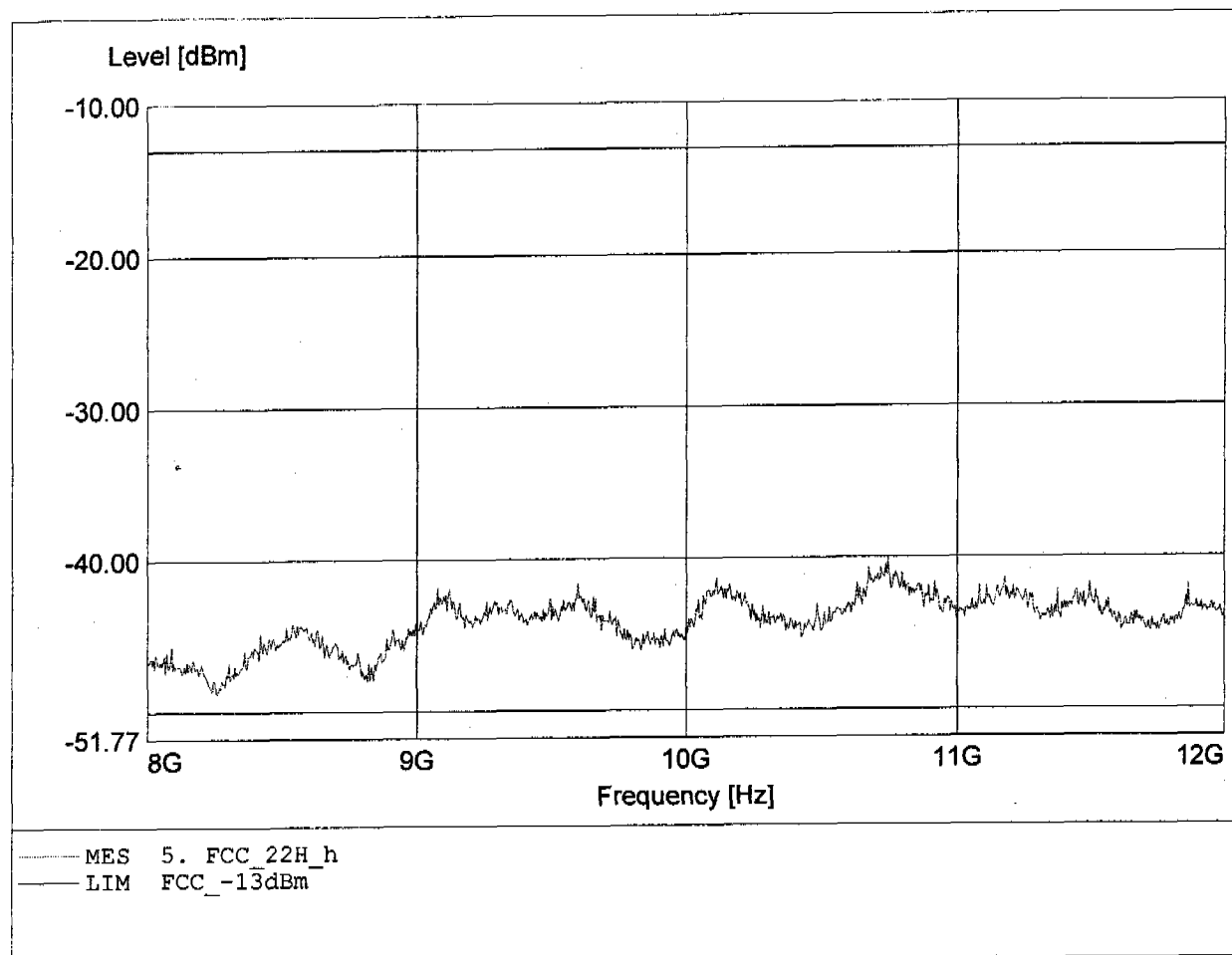
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
 Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 251
 Approval Holder: WAVECOM
 Test Site / Operator: ETS / Mr. M. Kramer
 Temperature/ Voltage: 23°C / Unom : 3,7 VDC
 Test Specification: according to S22.917
 Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
 Comment 2: Freq: 7.973GHz, Pmax: -45.71dBm, RBW: 1MHz



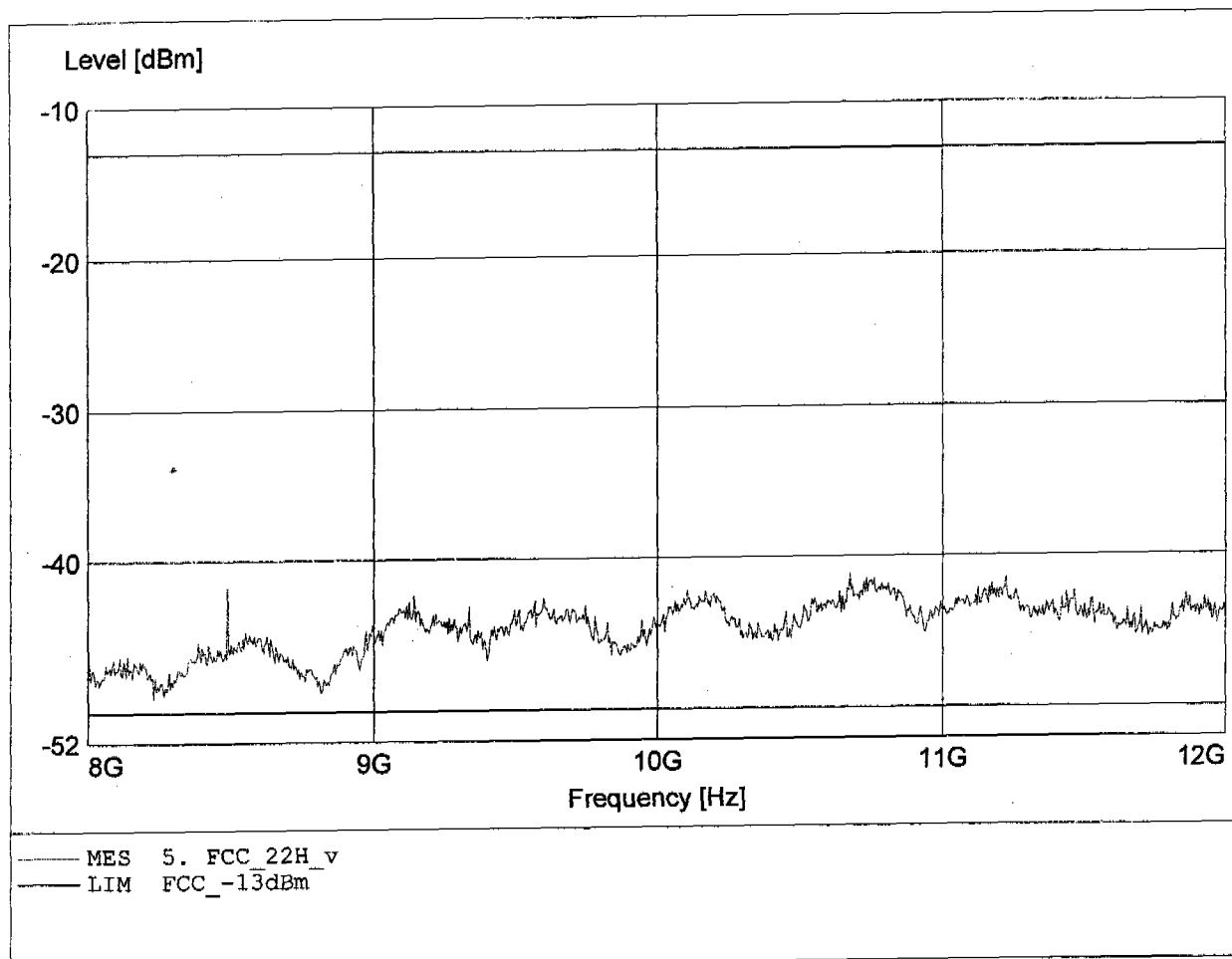
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to S22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.747GHz, Pmax: -39.95dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

EUT: GSM/GPRS board
Model / Channel: WMPac_P51DBU_204 with module WM Pac_P5186_201 // 251
Approval Holder: WAVECOM
Test Site / Operator: ETS / Mr. M. Kramer
Temperature/ Voltage: 23°C / Unom : 3,7 VDC
Test Specification: according to §22.917
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 10.676GHz, Pmax: -41.20dBm, RBW: 1MHz

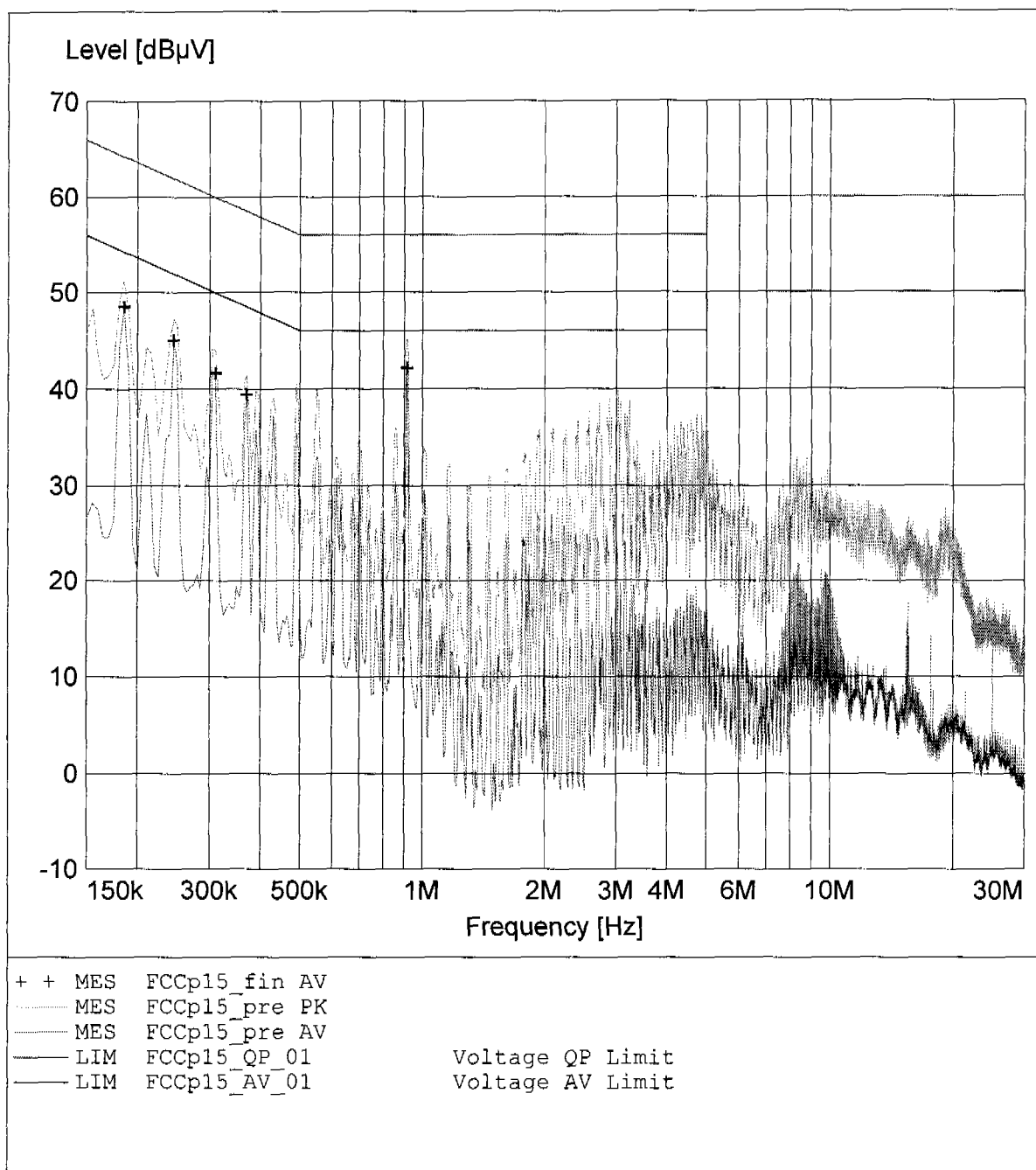


Appendix K

Line Conducted Emissions

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

EUT: GSM/GPRS board
Manufacturer: Wavecom S.A.
Operating Condition: Unom: 3.6 VDC Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5
Comment: model: Starter Kit WMPac_P51DBU_204 mode: link
with module WM Pac_P5186_372



Appendix L

Frequency Stability vs. Temperature

No diagrams

Refer to point 14.2

Appendix M

Frequency Stability vs. Voltage

No diagrams
Refer to point 15.2