

Appendix B

Peak Output Power

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=====
# ROHDE & SCHWARZ Certific. Bluetooth Test System TS8960 SW Version: bl_19
#
# Program name: tc_AllPower
# program revision: 1.65
#
# All Power Measurement Test Cases
#
#-----
# Test Case started: 2001-01-15, 17:02:27
# Report File: /home/ts8960/project/ts8960/sw/ALE/tc/dat/P30280/P30280.mm.rep
# Eut file: P30280
# Operator's account name: ts8960
#
#-----

```

The selected options are:

```

short test run: no
operator's intervention: yes
operator's intervention only: no
no prompt run mode: no
part or all run mode: part (1)

Extended intervention at:
compare: no intervention
outside: no intervention
fail: no intervention
inconclusive: no intervention
error: program abort

```

Starting program tc_AllPower

Starting TC Output Power (TRM/CA/01/C)

Test Specification RF: 0.9

EUT connected for Measurement and Signalling at: SSCU-Port 'MEASUREMENT DUT COND'

Next measurement will be running with the following EUT parameter:

```

Manufacturer: Brain Boxes
Model: PCMCIA BLUETOOTH DEVICES, BL500
Serial No: 0002
Comment: Class1; max 9 dBm

Country: All (except France)
Access Code from EUT: AD59E5328A41120D5 hex
Access Code from SU: AD59E5328A41120D5 hex
Lower Address Part: 122094
Upper Address Part: 37
None Significant Address Part: 0080
Active Member Address: 70
Burst Distance: 0
Trigger for SU: Not supported
Power Class: 1
Power Control: Supported
Gain: 0.000 dB
Add. Transmission (Receive): 0.000 dB

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Add. Transmission (Transmit): 0.000 dB
Longest Packet Type: DH5
Unmodulated part: 0.000 us
Burst Length DH1: 515 us
Burst Length DH3: 1622 us
Burst Length DH5: 3000 us

```

Next measurement will be running with the following parameter:

```

Voltage: Middle
Temperature: Middle
Power Mode: Maximum Power
Measurement: Conducted
EUT Test Mode: Loopback
BI Data From File: No
BI Signal Packet Type: DH5
BI Signal Pattern: PRBS 9
Number of Packets: 1
EUT Tx Frequency: 2402.000 MHz
EUT Rx Frequency: 2480.000 MHz
BI Signalling Level: -58.000 dBm

```

```

Operator intervention start at 2001-01-15, 17:02:30
Intervention Type 'Please bring the EUT into test mode LOOP BACK'
Operator intervention end at 2001-01-15, 17:03:25
Operator intervention start at 2001-01-15, 17:03:25
Intervention Type 'Please set the EUT to Maximum Power'
Operator intervention end at 2001-01-15, 17:03:27
Operator intervention start at 2001-01-15, 17:03:29
Intervention Type 'Please set the EUT TX Frequency to 2402.000000 MHz'
Operator intervention end at 2001-01-15, 17:03:33
Operator intervention start at 2001-01-15, 17:03:33
Intervention Type 'Please set the EUT RX Frequency to 2480.000000 MHz'
Operator intervention end at 2001-01-15, 17:03:34

```

FREQUENCY [MHz]	MEASUREMENT	LEVEL [dBm]	LIMIT [dBm]	VERDICT
2402.000	Average Power (inc. gain)	5.653 <	20.000	PASS
2402.000	Peak Power (inc. gain)	6.192 <	23.000	PASS
2402.000	Average Power	5.653 >	0.000	PASS

Next measurement will be running with the following changed parameter:

```

EUT Tx Frequency: 2441.000 MHz
EUT Rx Frequency: 2402.000 MHz

```

```

Operator intervention start at 2001-01-15, 17:03:37
Intervention Type 'Please set the EUT TX Frequency to 2441.000000 MHz'
Operator intervention end at 2001-01-15, 17:04:38
Operator intervention start at 2001-01-15, 17:04:38
Intervention Type 'Please set the EUT RX Frequency to 2402.000000 MHz'
Operator intervention end at 2001-01-15, 17:04:40

```

FREQUENCY [MHz]	MEASUREMENT	LEVEL [dBm]	LIMIT [dBm]	VERDICT
2441.000	Average Power (inc. gain)	4.449 <	20.000	PASS
2441.000	Peak Power (inc. gain)	4.993 <	23.000	PASS
2441.000	Average Power	4.449 >	0.000	PASS

Next measurement will be running with the following changed parameter:

```

EUT Tx Frequency: 2480.000 MHz
EUT Rx Frequency: 2402.000 MHz

```

Operator intervention start at 2001-01-15, 17:04:42
 Intervention Type 'Please set the EUT TX Frequency to 2480.000000 MHz'
 Operator intervention end at 2001-01-15, 17:04:58

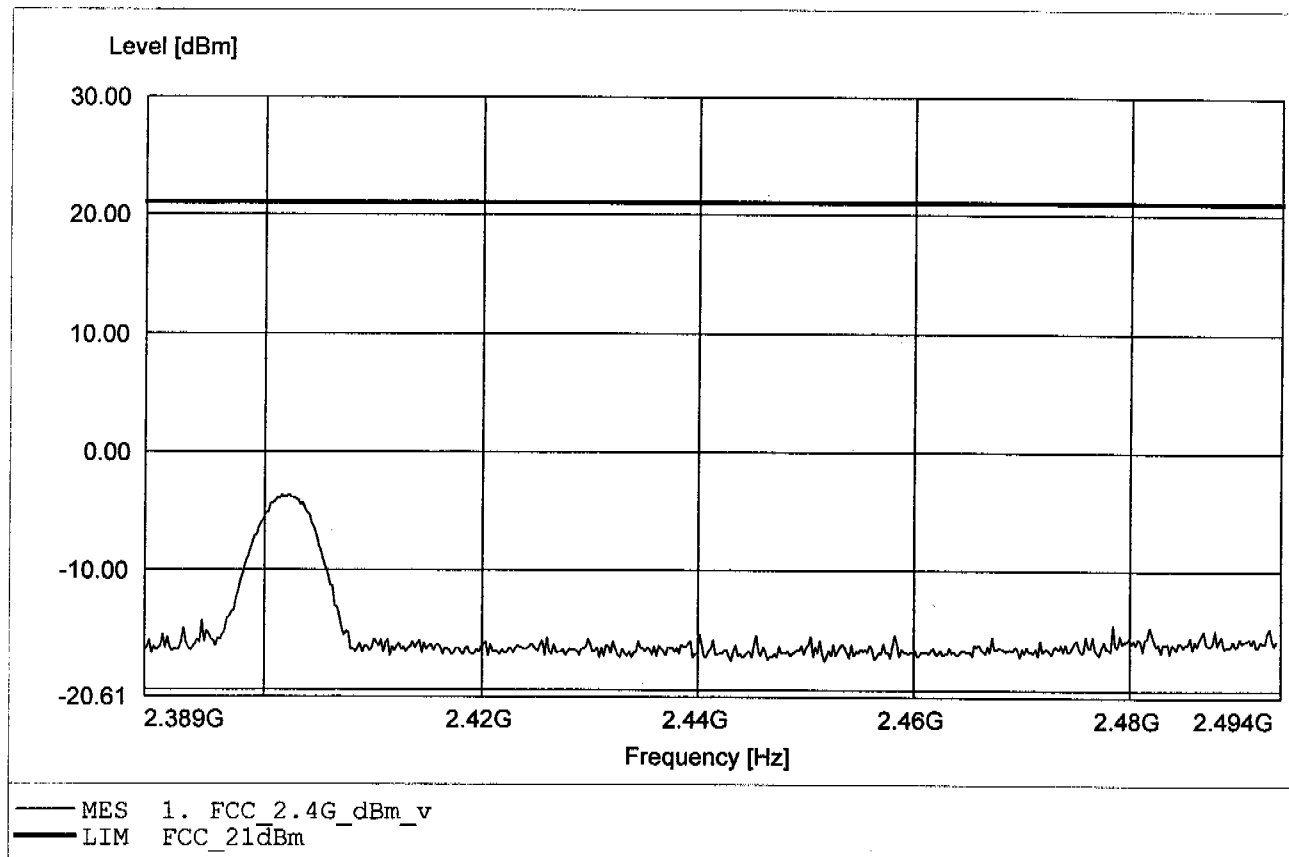
FREQUENCY [MHz]	MEASUREMENT	LEVEL [dBm]	LIMIT [dBm]	VERDICT
2480.000	Average Power (inc. gain)	5.019 <	20.000	PASS
2480.000	Peak Power (inc. gain)	5.547 <	23.000	PASS
2480.000	Average Power	5.019 >	0.000	PASS

All selected Output Power tests are completed

Final Test Case verdict: PASS
 # Report file closed at 2001-01-15, 17:05:00

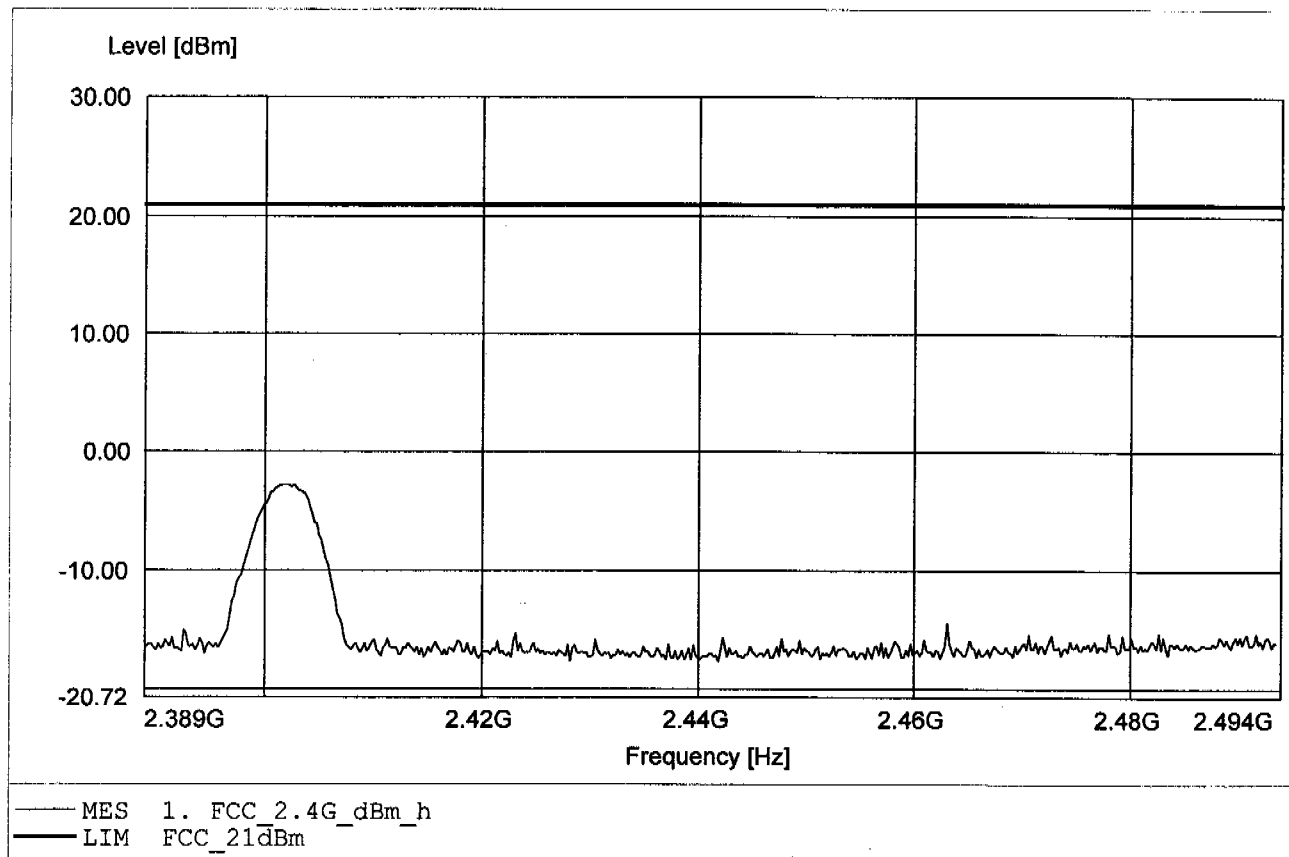
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.402GHz Pmax:-3.60dBm RBW:5MHz



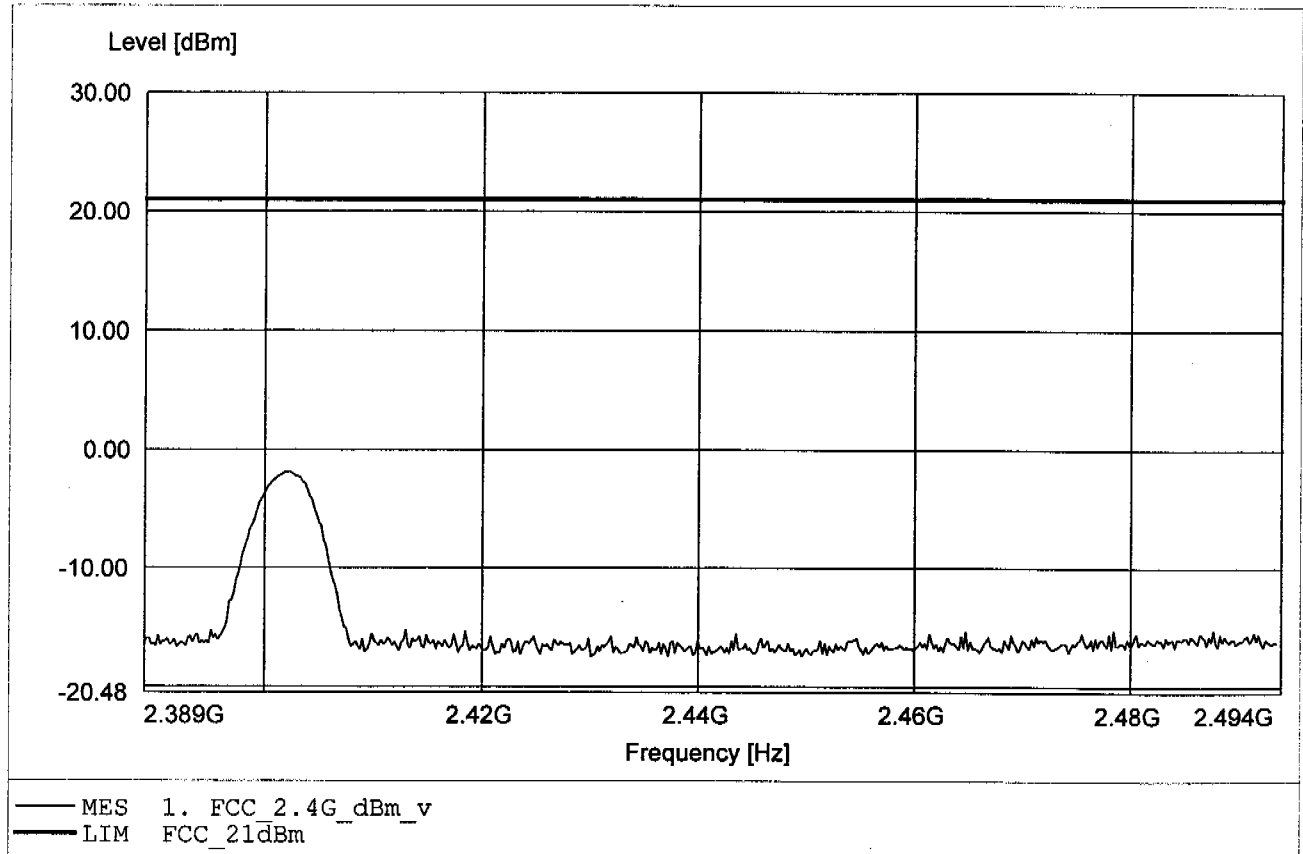
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.403GHz Pmax:-2.80dBm RBW:5MHz



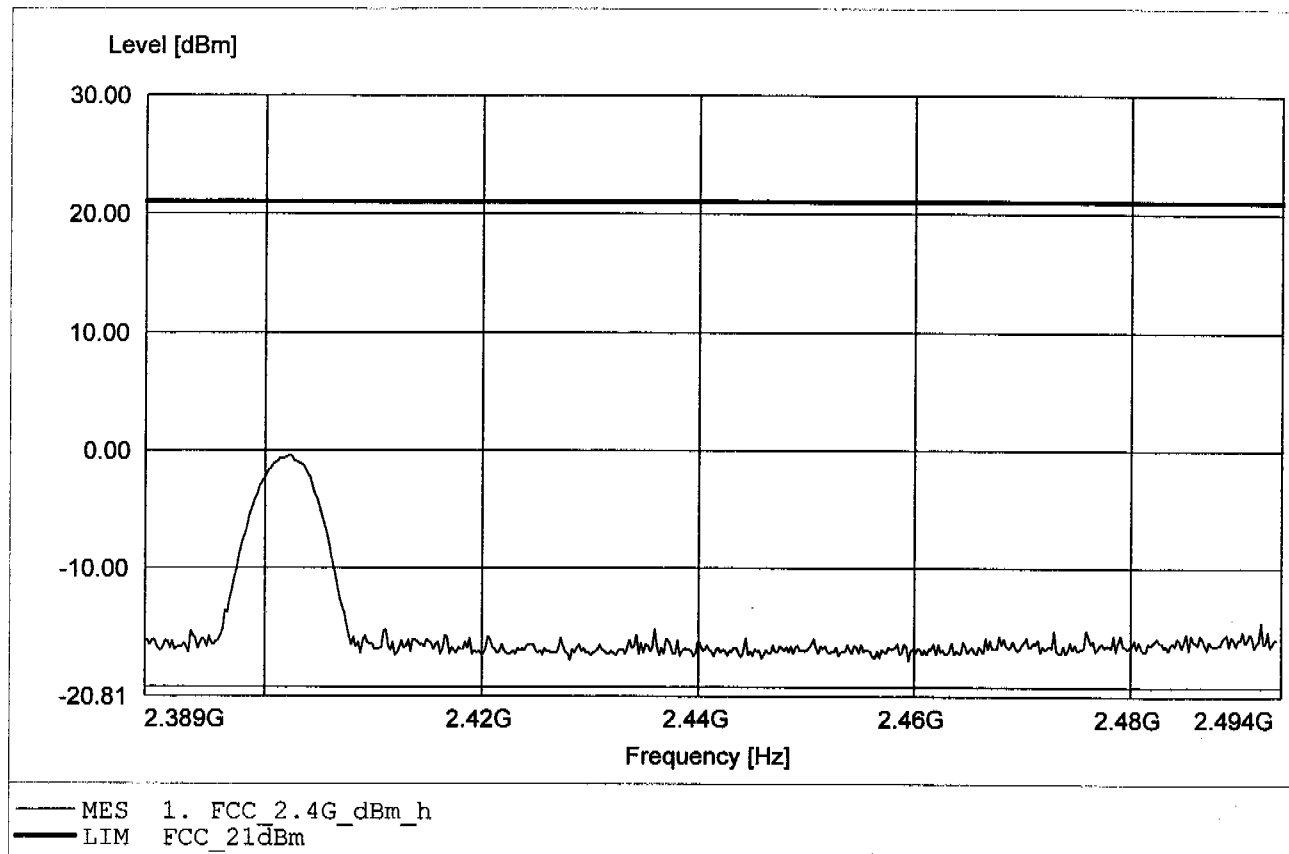
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC -15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.402GHz Pmax:-1.85dBm RBW:5MHz



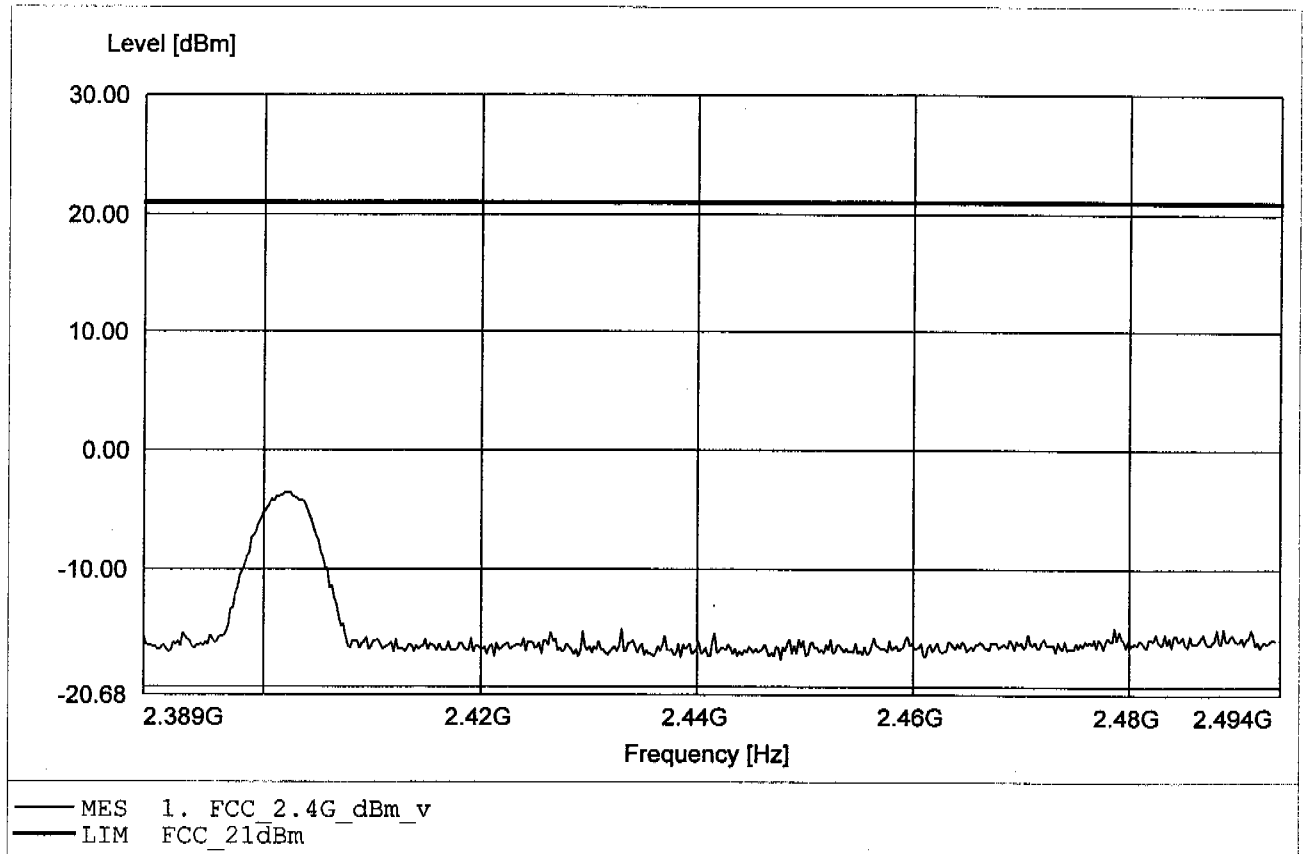
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC -15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.402GHz Pmax:-0.37dBm RBW:5MHz



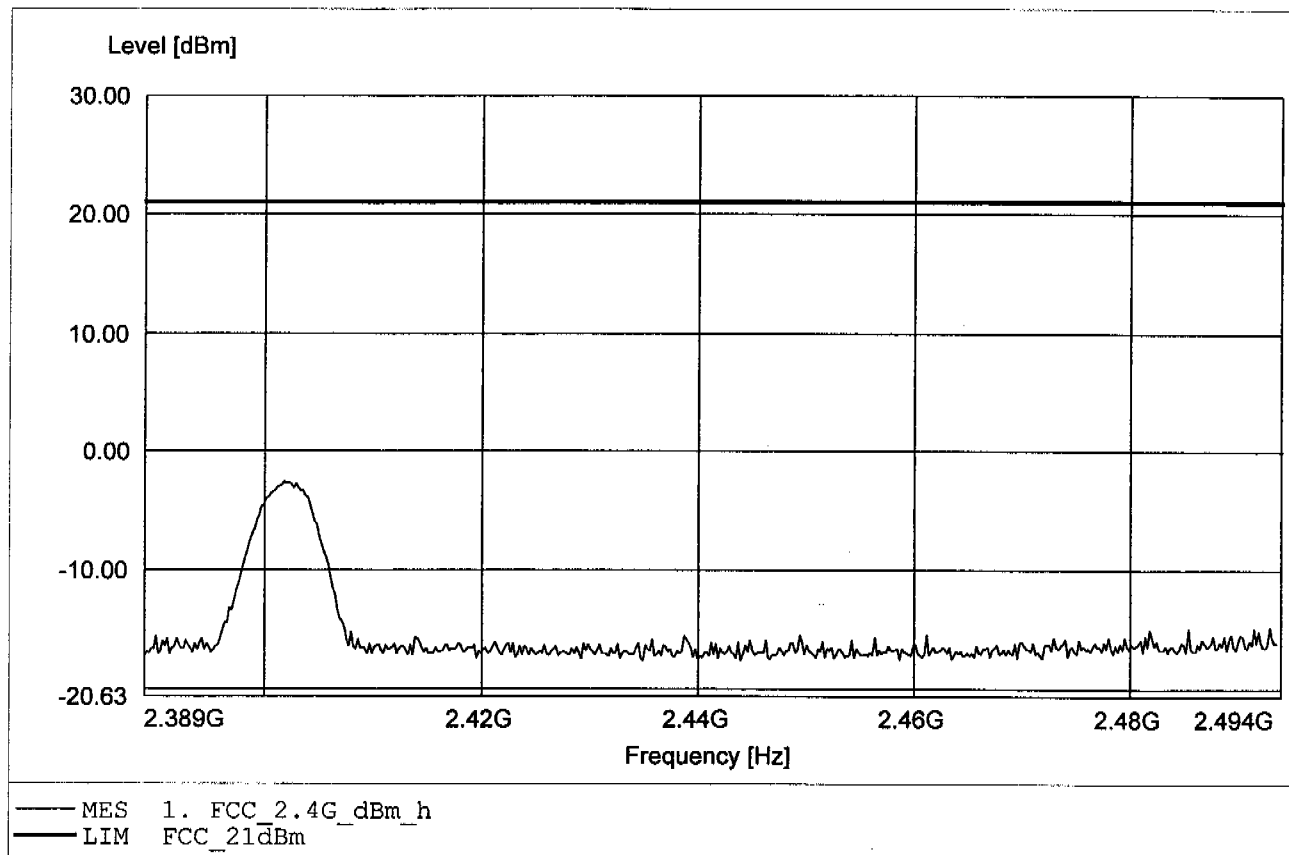
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC +15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.402GHz Pmax:-3.53dBm RBW:5MHz



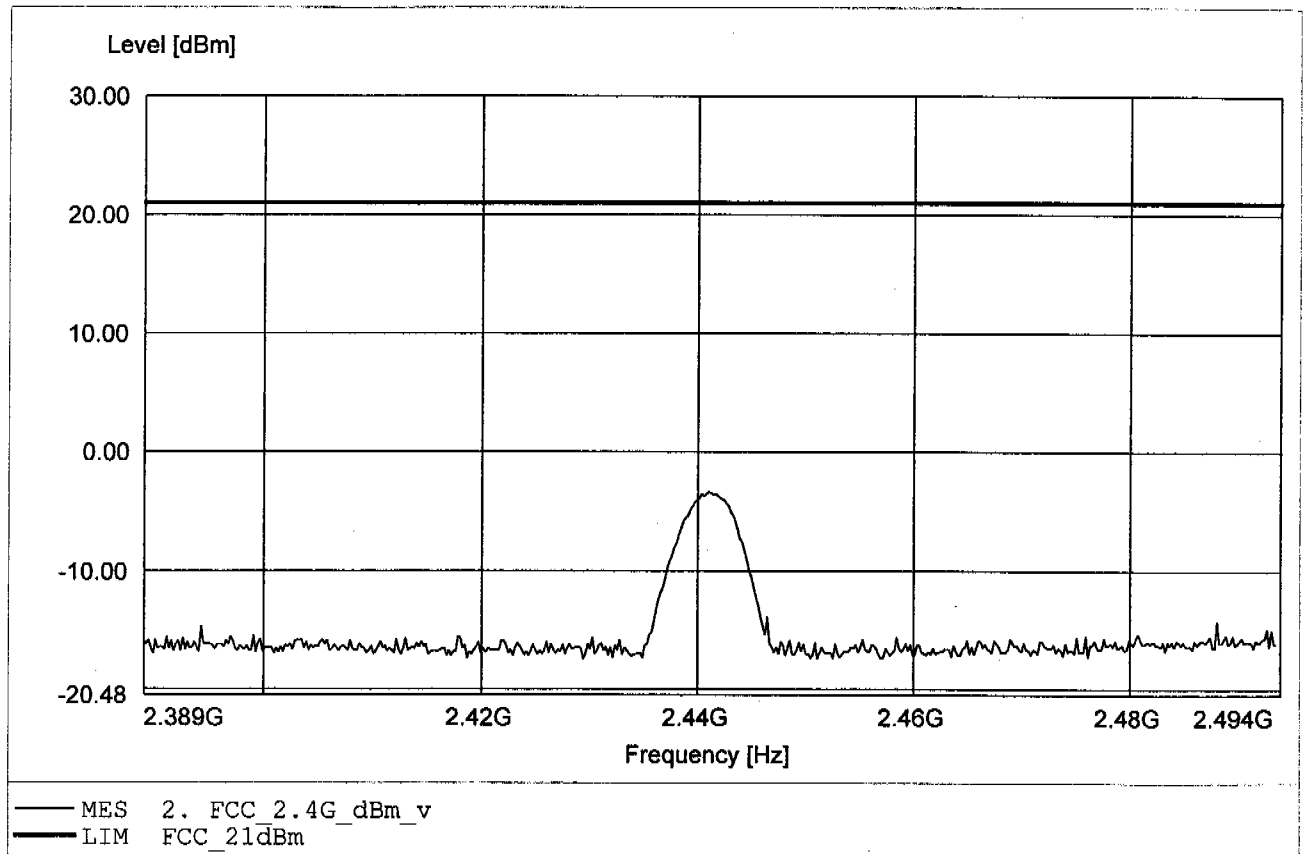
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC +15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.402GHz Pmax:-2.55dBm RBW:5MHz



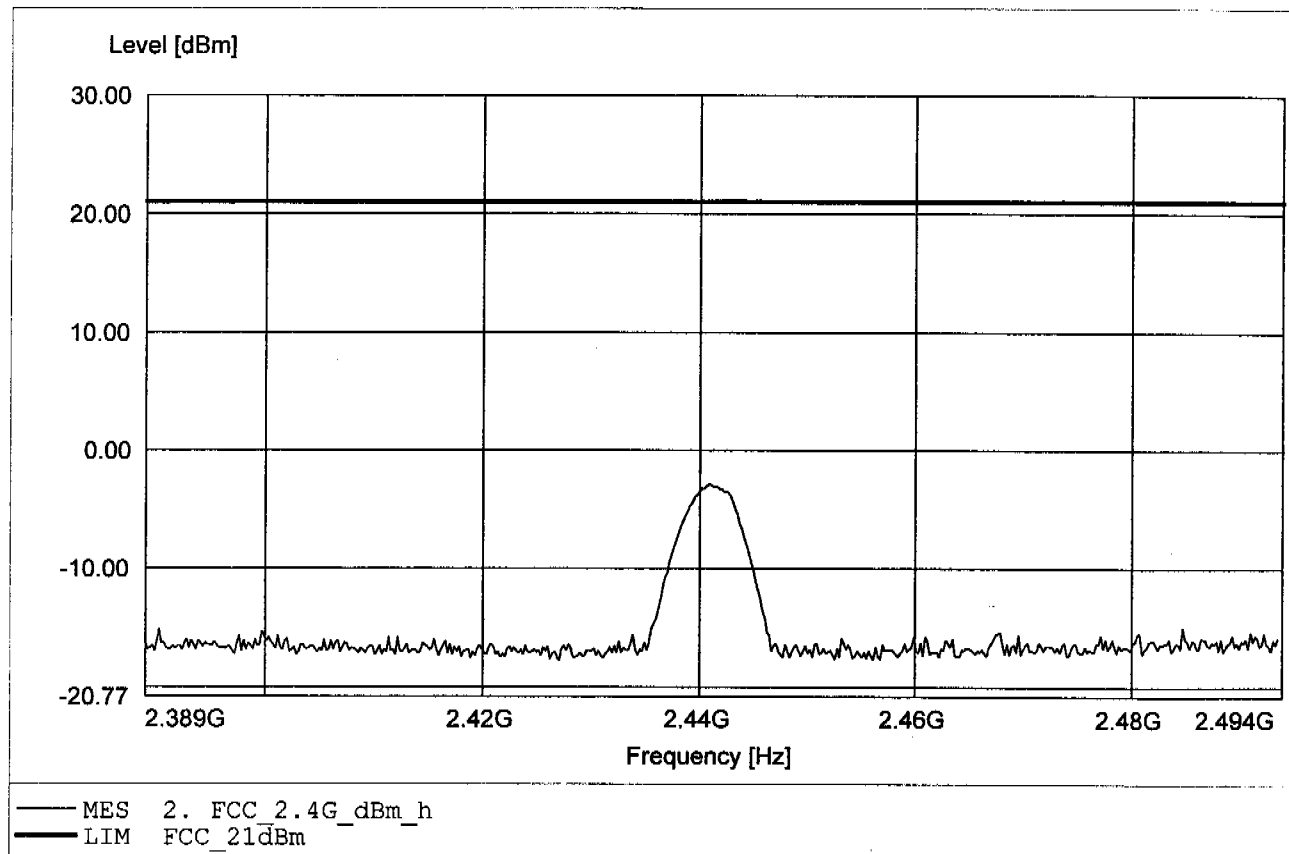
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.441GHz Pmax:-3.39dBm RBW:5MHz



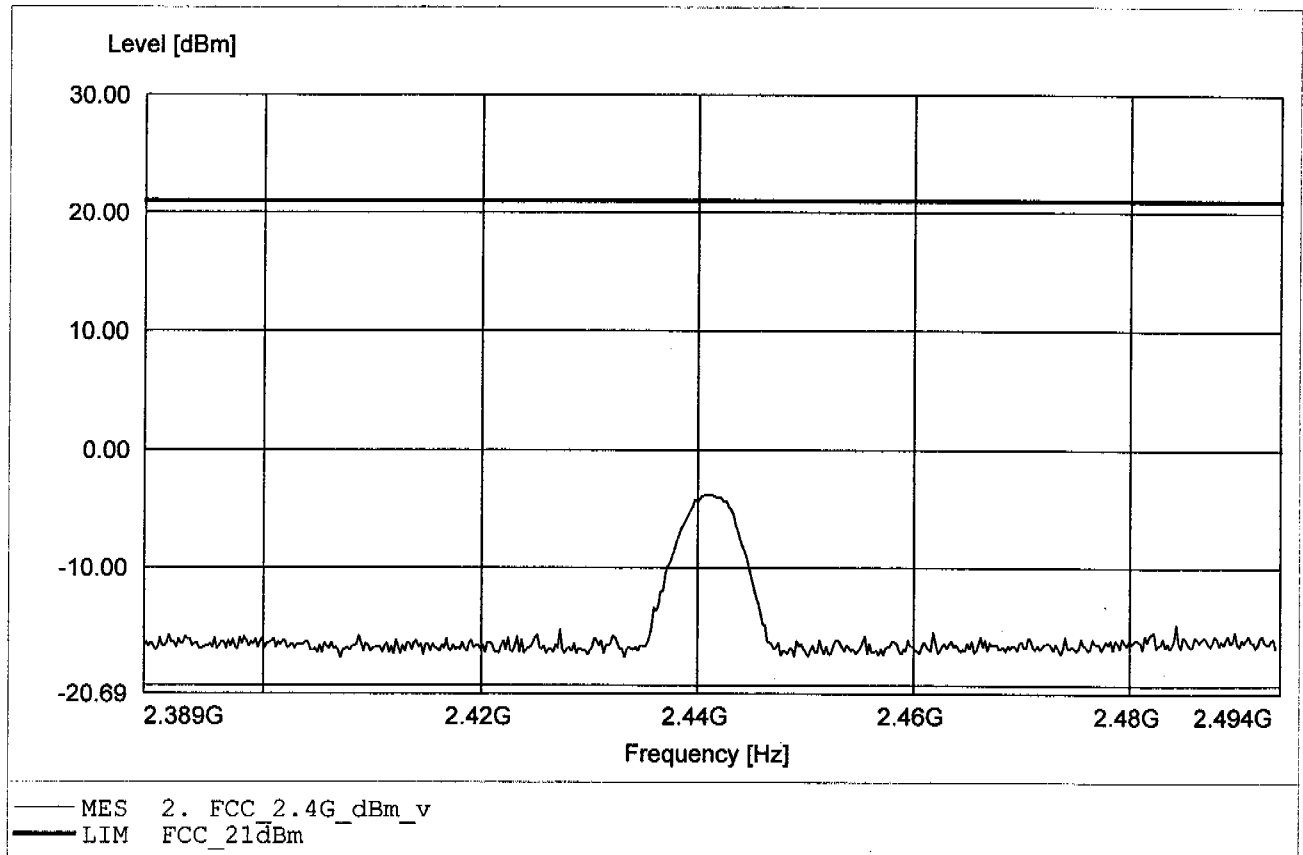
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.441GHz Pmax:-2.89dBm RBW:5MHz



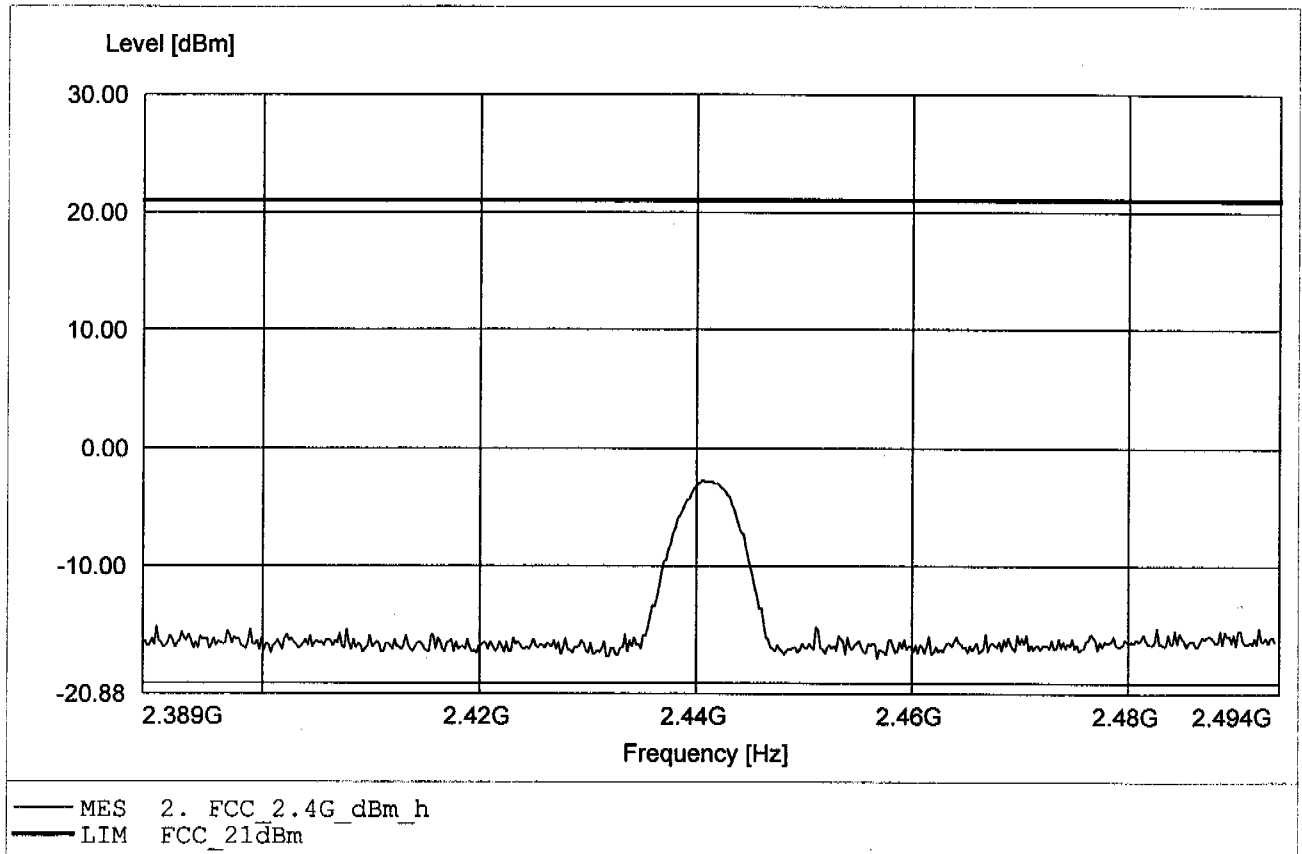
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC -15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.441GHz Pmax:-3.77dBm RBW:5MHz



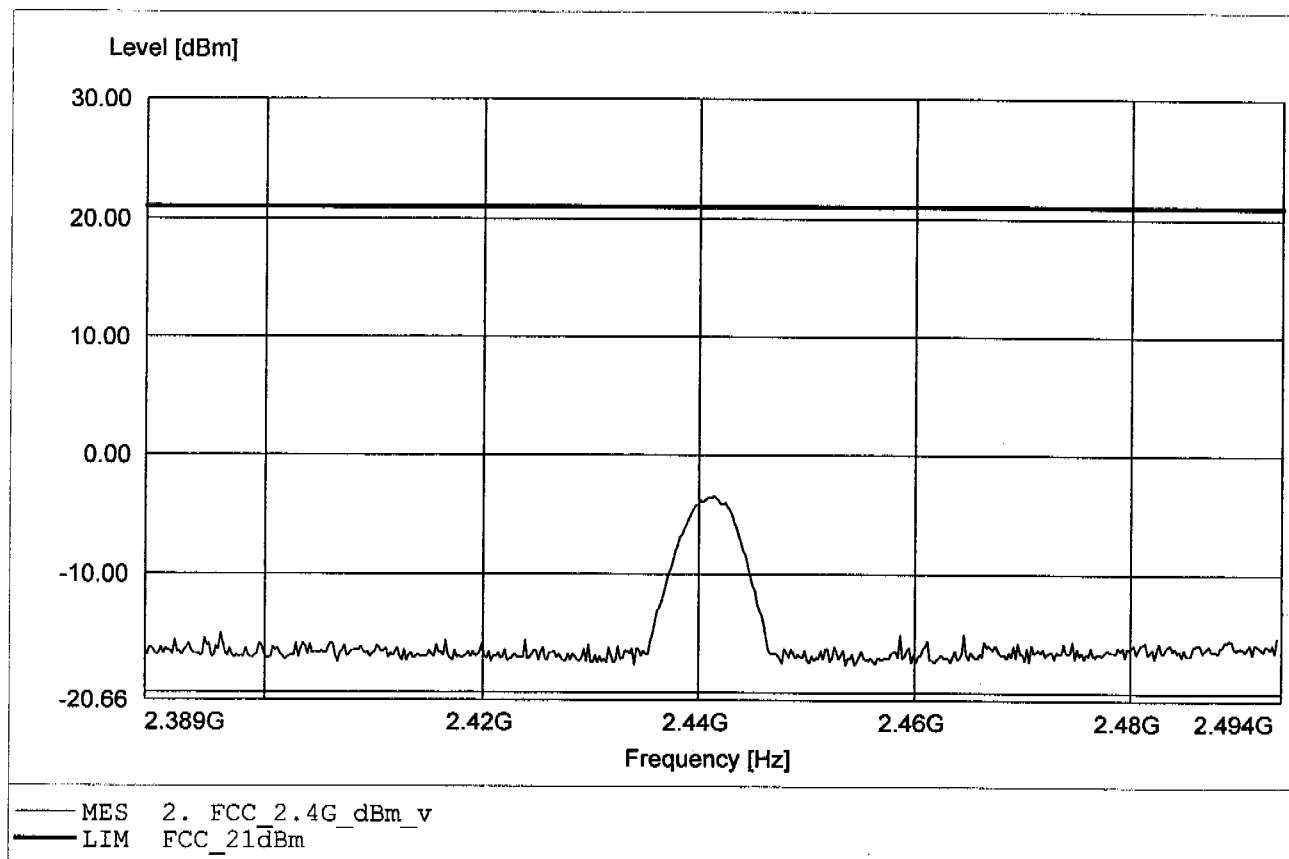
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC -15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.441GHz Pmax:-2.70dBm RBW:5MHz



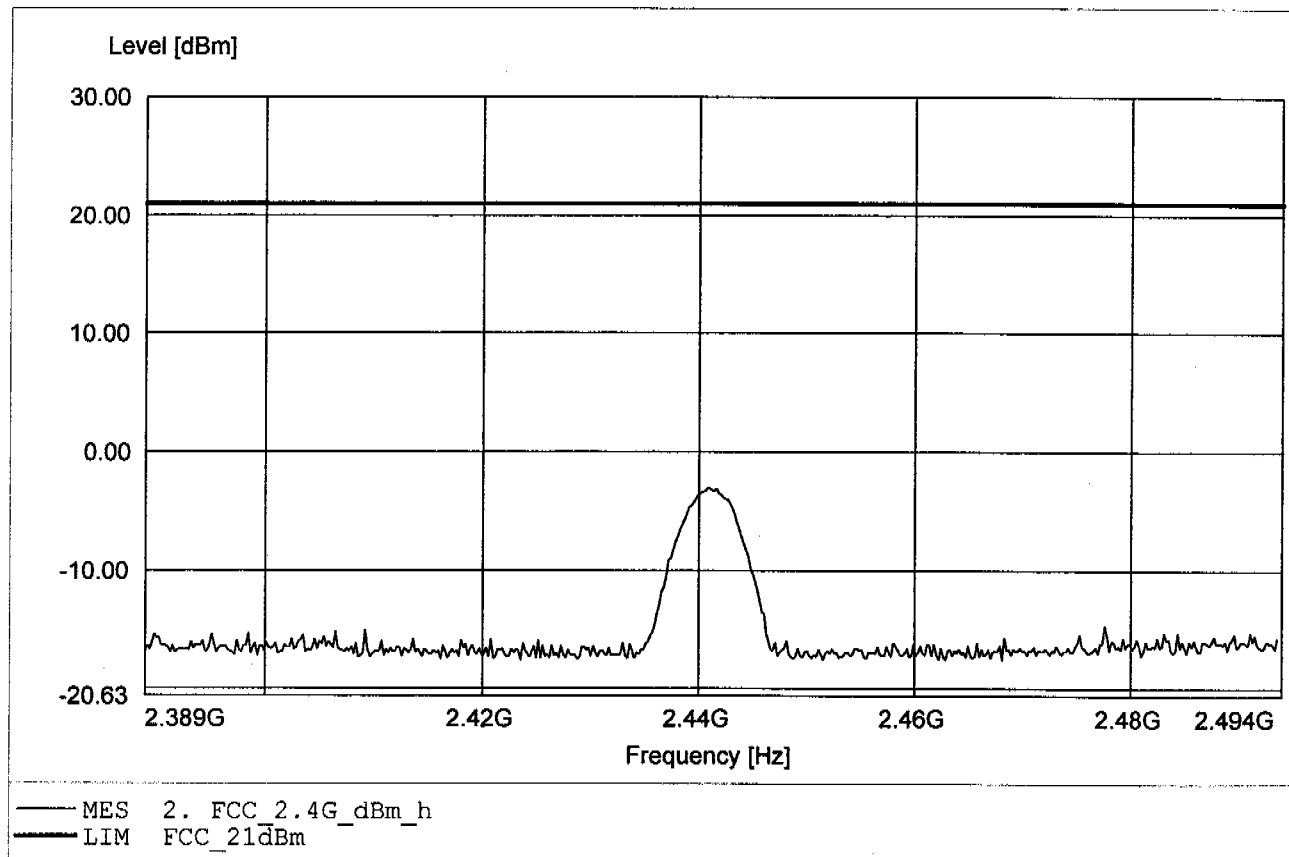
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC +15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.441GHz Pmax:-3.45dBm RBW:5MHz



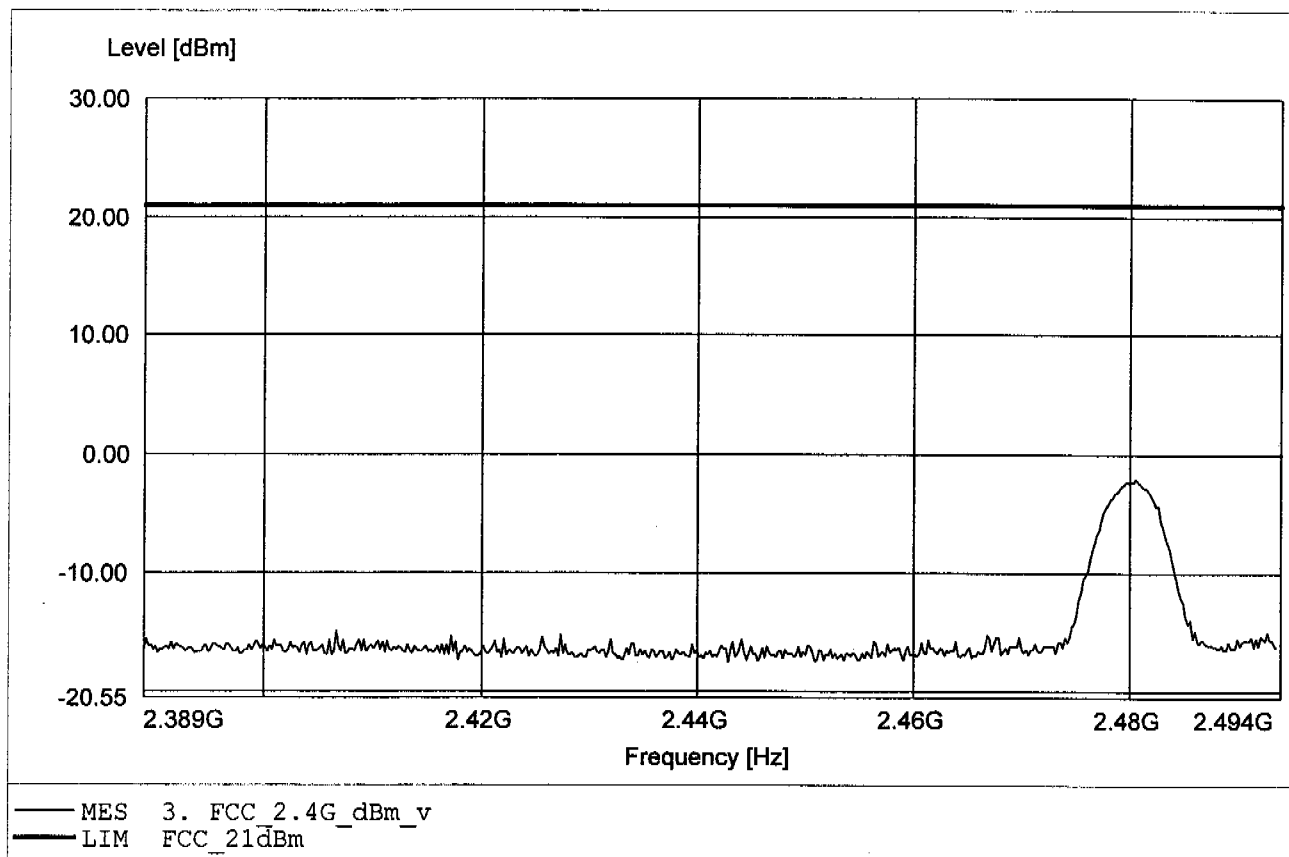
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC +15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.441GHz Pmax:-3.02dBm RBW:5MHz



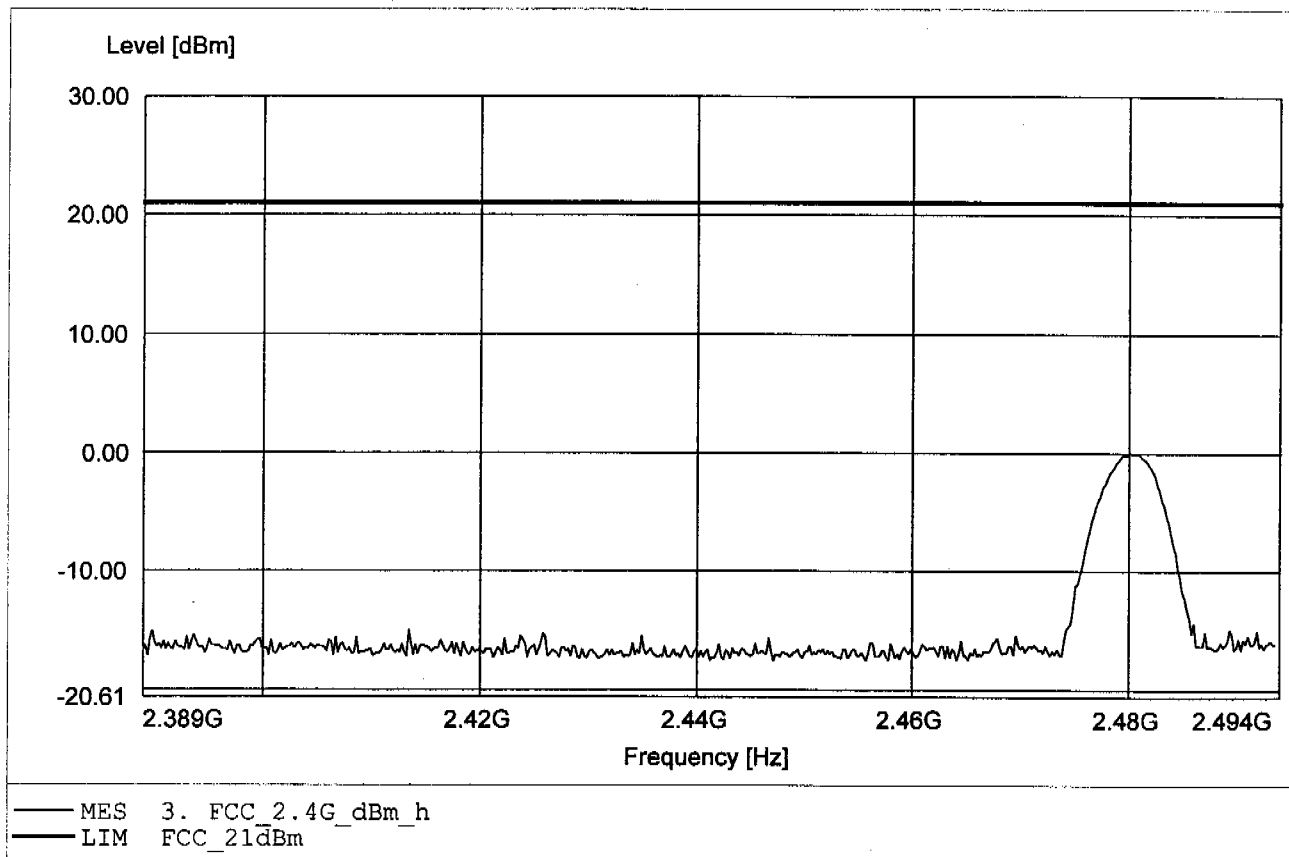
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.481GHz Pmax:-2.03dBm RBW:5MHz



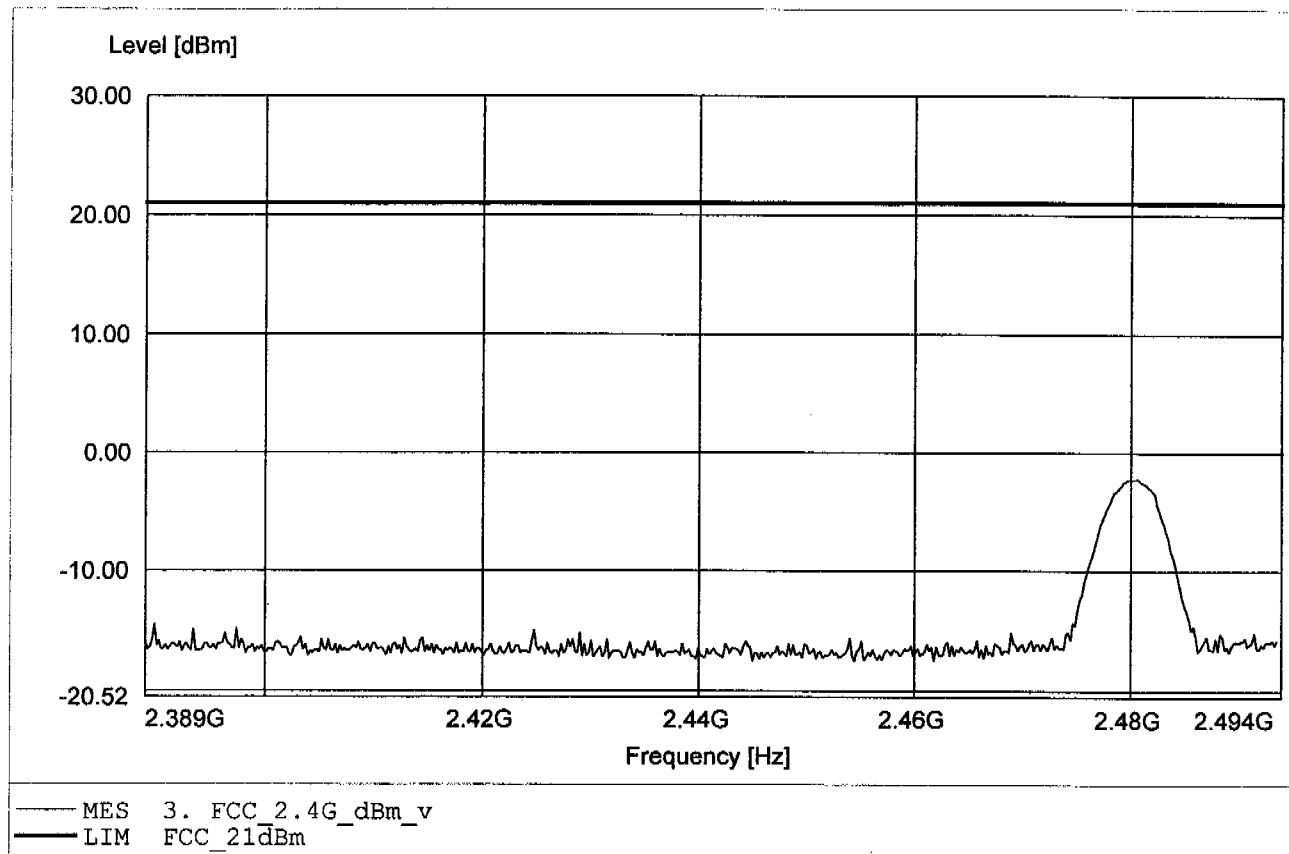
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.480GHz Pmax:0.03dBm RBW:5MHz



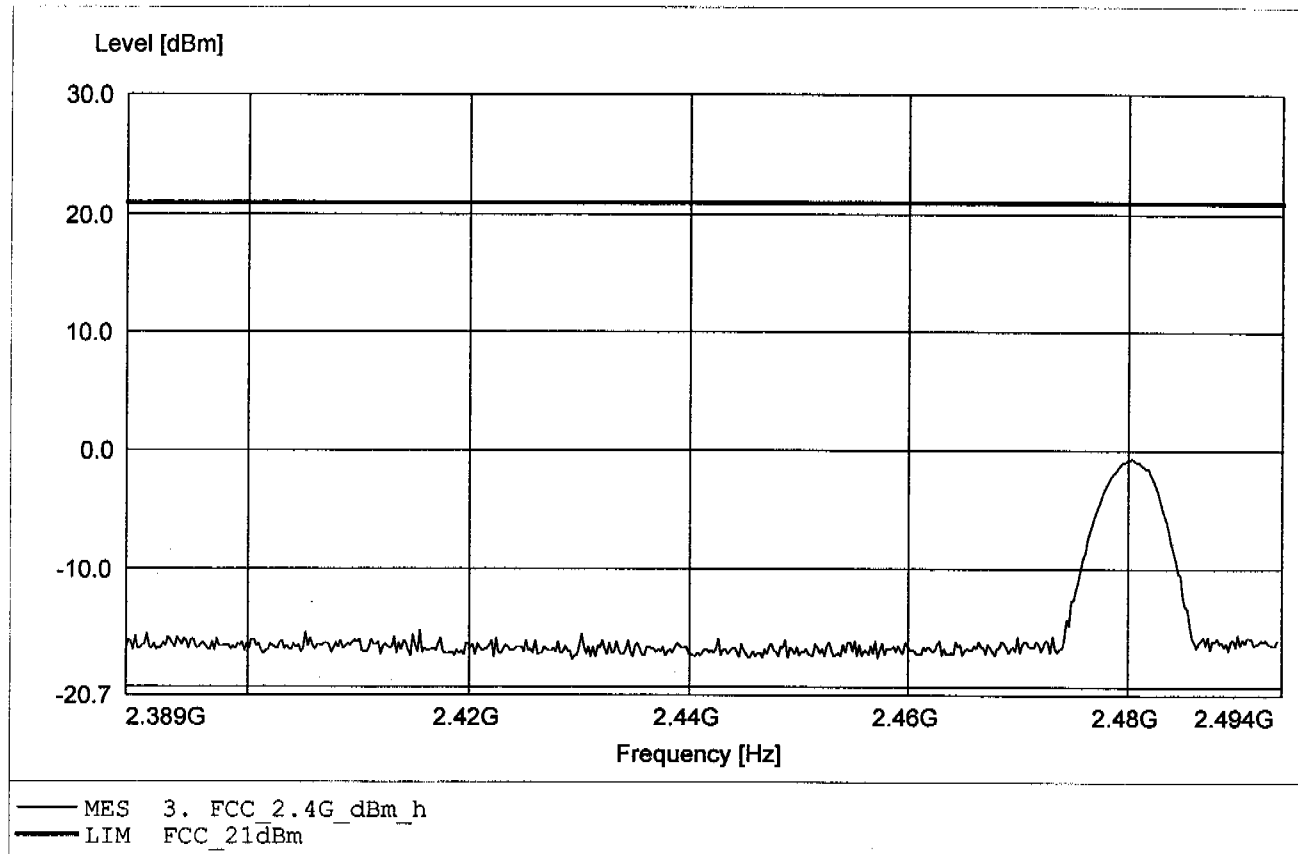
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
 Applicant: Brain Boxes
 Model :
 Temperature/ Voltage: Tnom=25°C / Unom=230 V AC -15%
 Test Site / Operator: ETS / Mr. Kuß
 Test Specification: according to § 15.247
 Comment 1: Dist.: 3m, Ant.: HL025
 Comment 2: Freq:2.481GHz Pmax:-2.23dBm RBW:5MHz



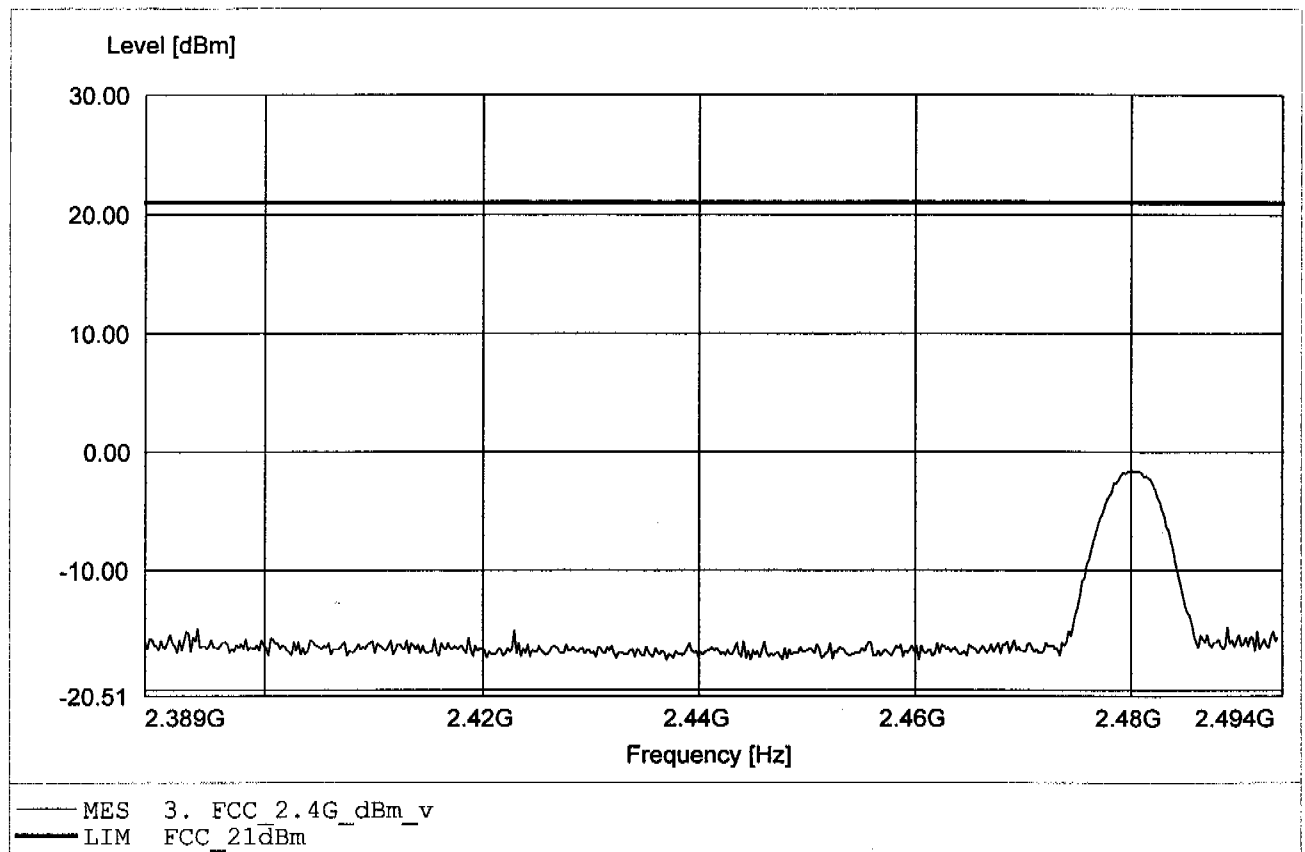
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC -15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.480GHz Pmax:-0.68dBm RBW:5MHz



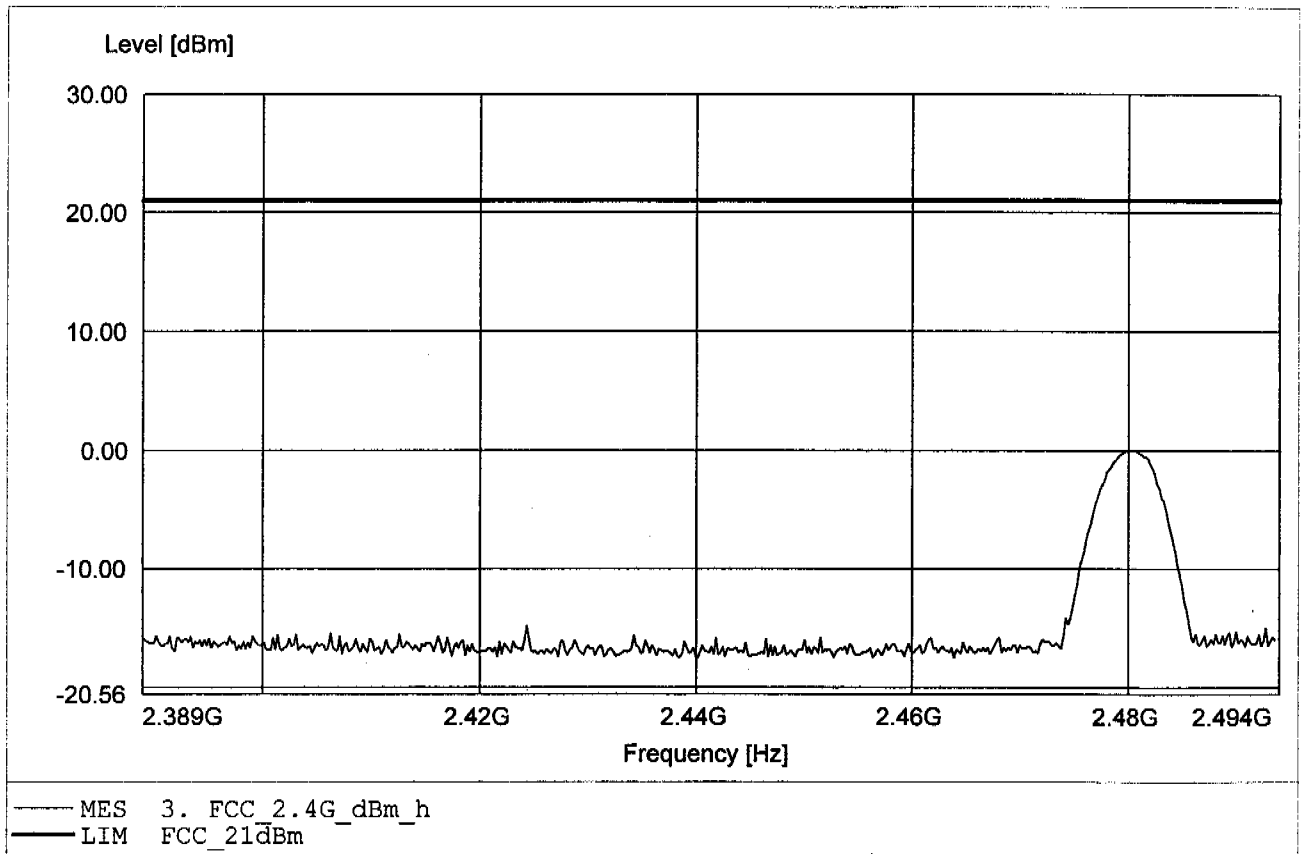
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC +15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.481GHz Pmax:-1.62dBm RBW:5MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC +15%
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2.480GHz Pmax:0.09dBm RBW:5MHz

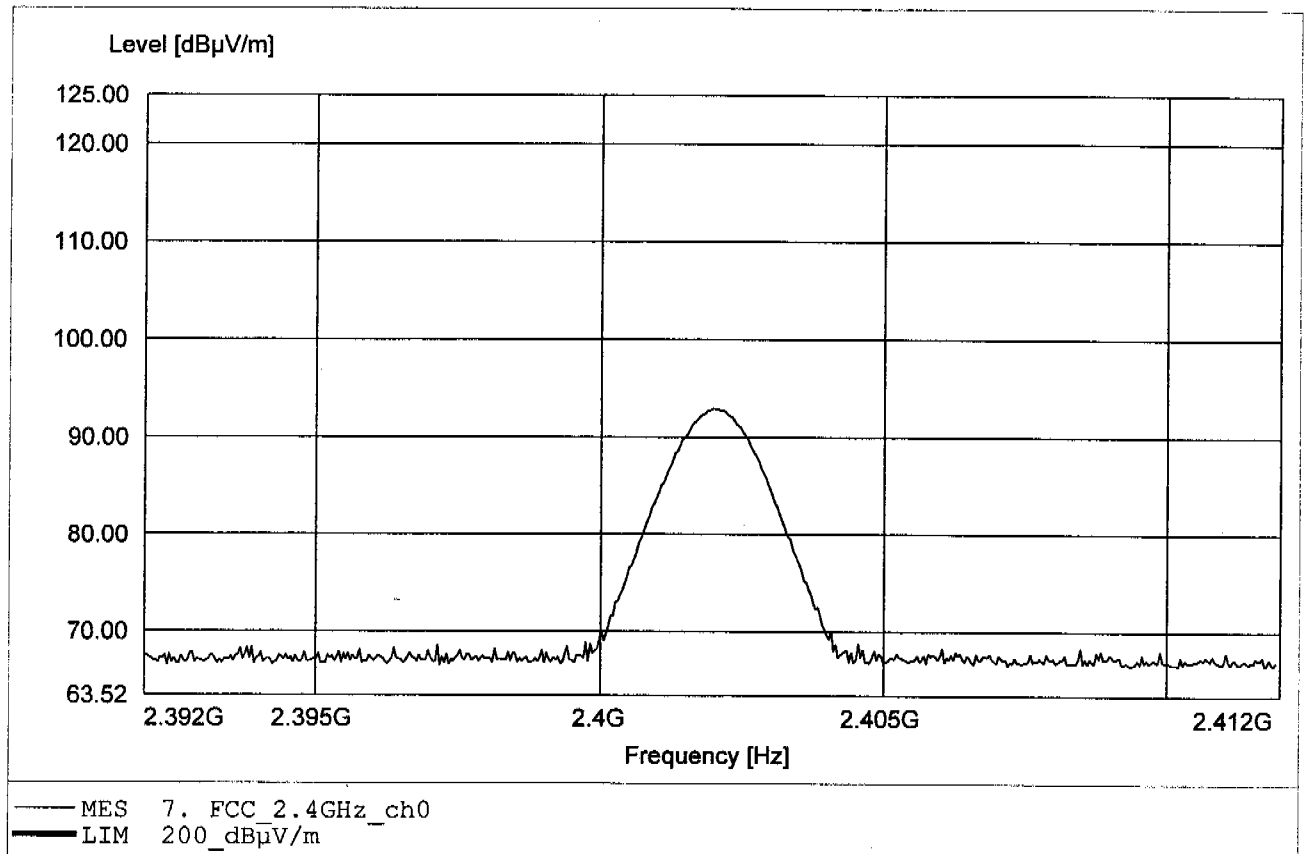


Appendix C

Spurious Emissions radiated - Transmitter operating

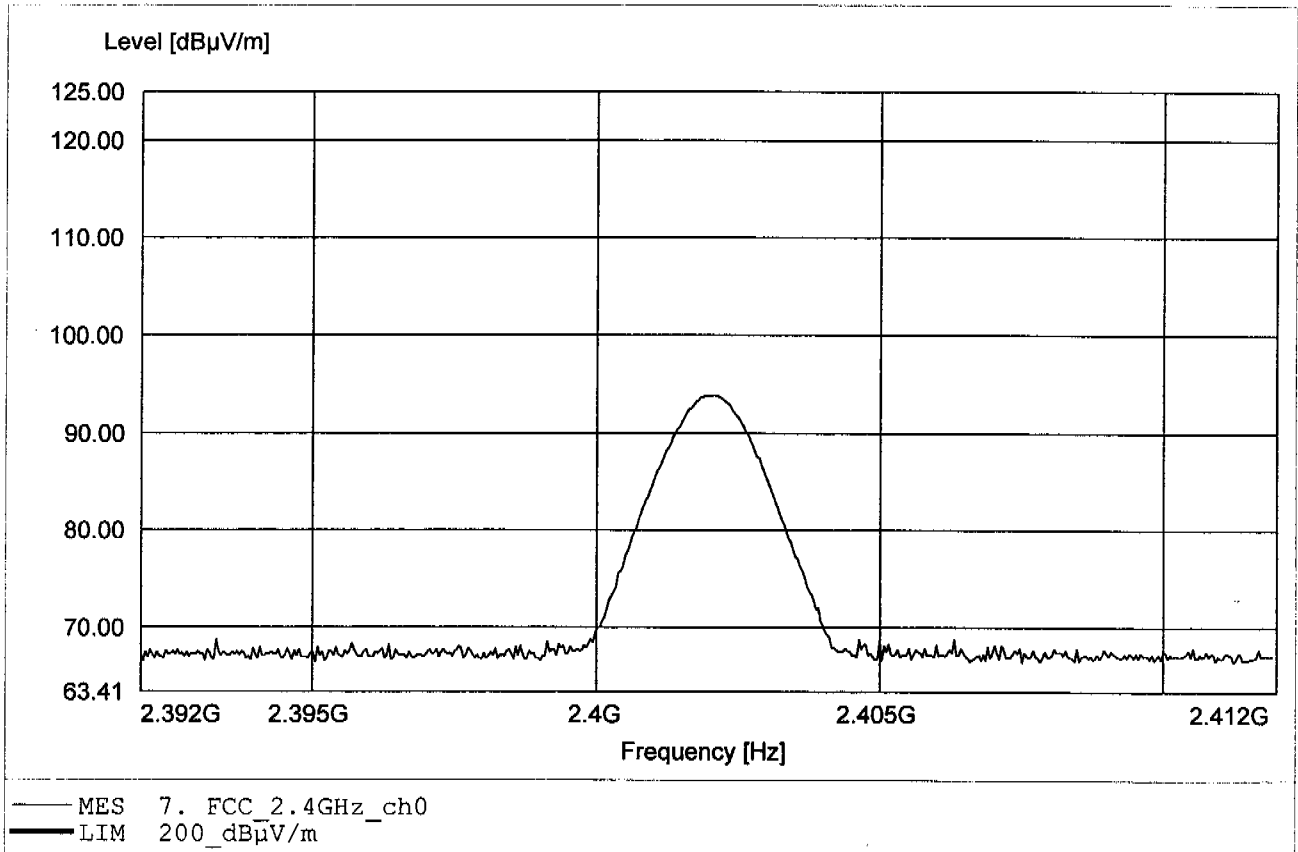
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.402GHz Emax:92.96dBµV/m RBW:1MHz



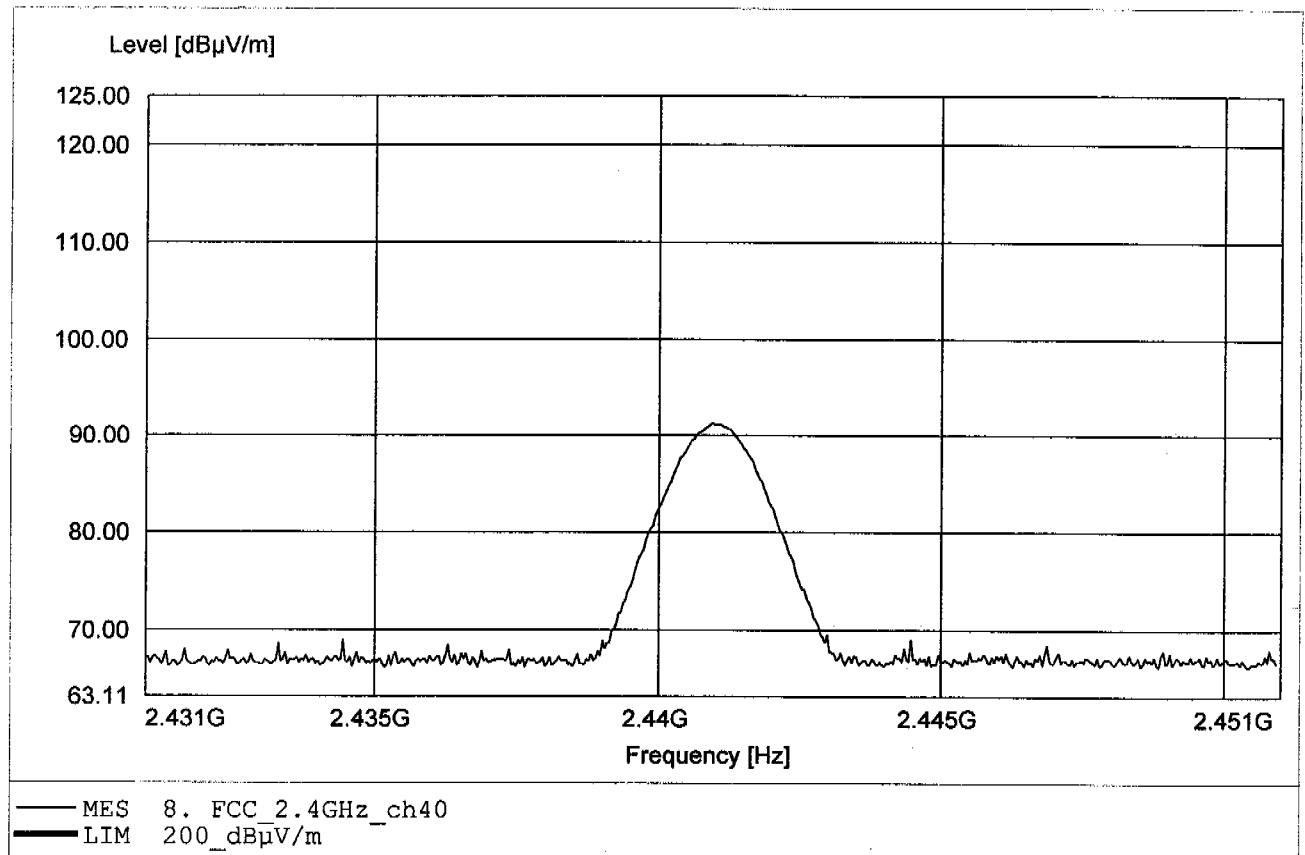
**Carrier power Field Strength
FCC RULES PART 15, SUBPART C**

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.402GHz Emax:93.88dBµV/m RBW:1MHz



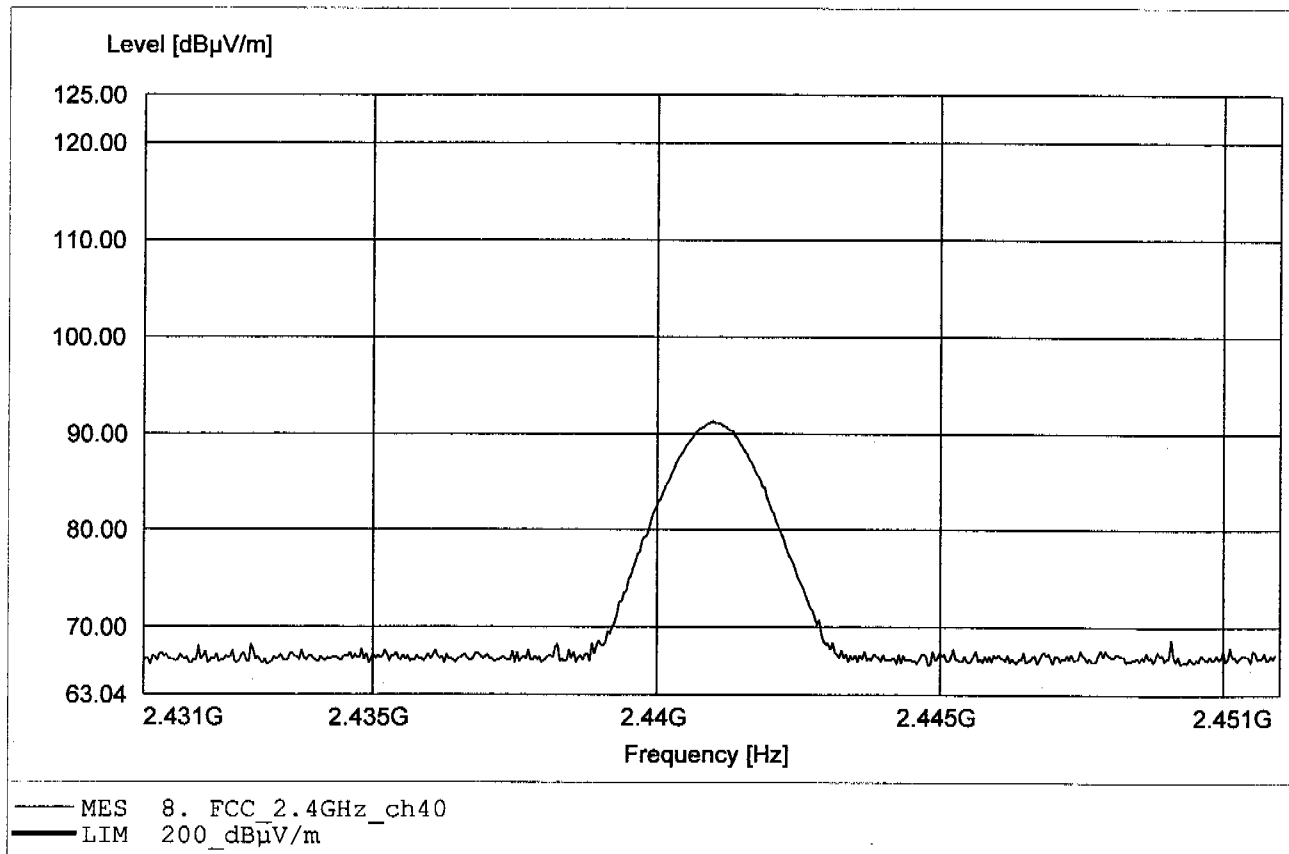
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.441GHz Emax:91.24dBµV/m RBW:1MHz



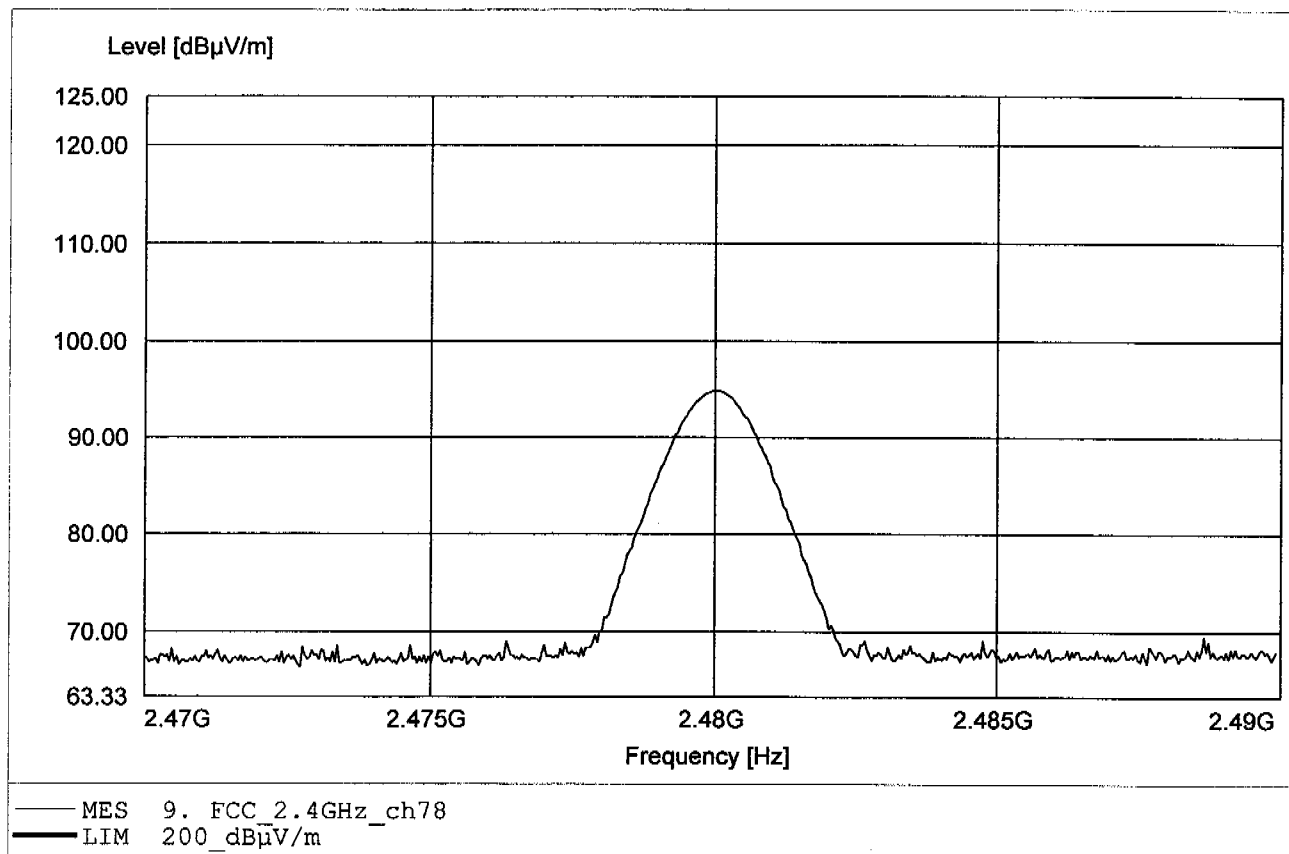
**Carrier power Field Strength
FCC RULES PART 15, SUBPART C**

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.441GHz Emax:91.31dBµV/m RBW:1MHz



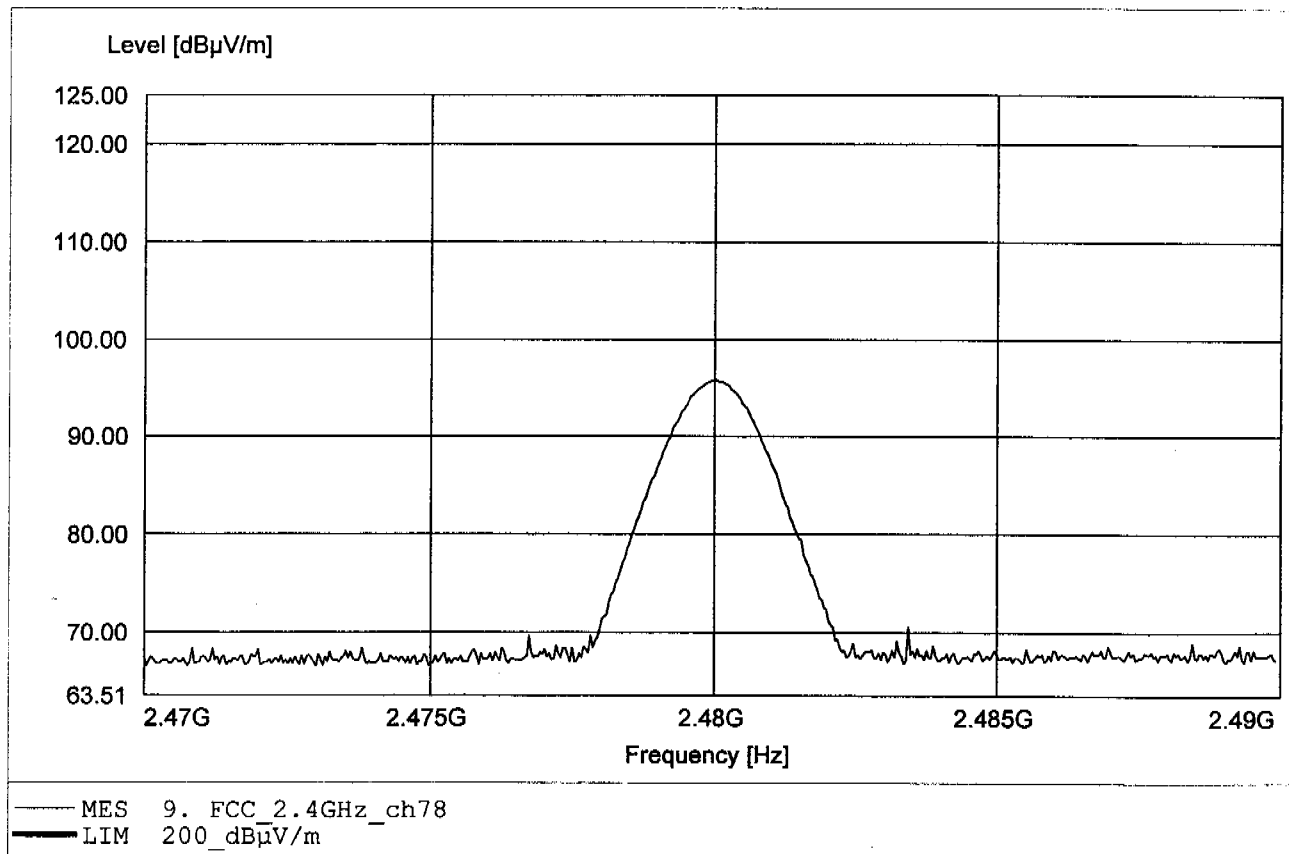
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.480GHz Emax:94.84dBµV/m RBW:1MHz



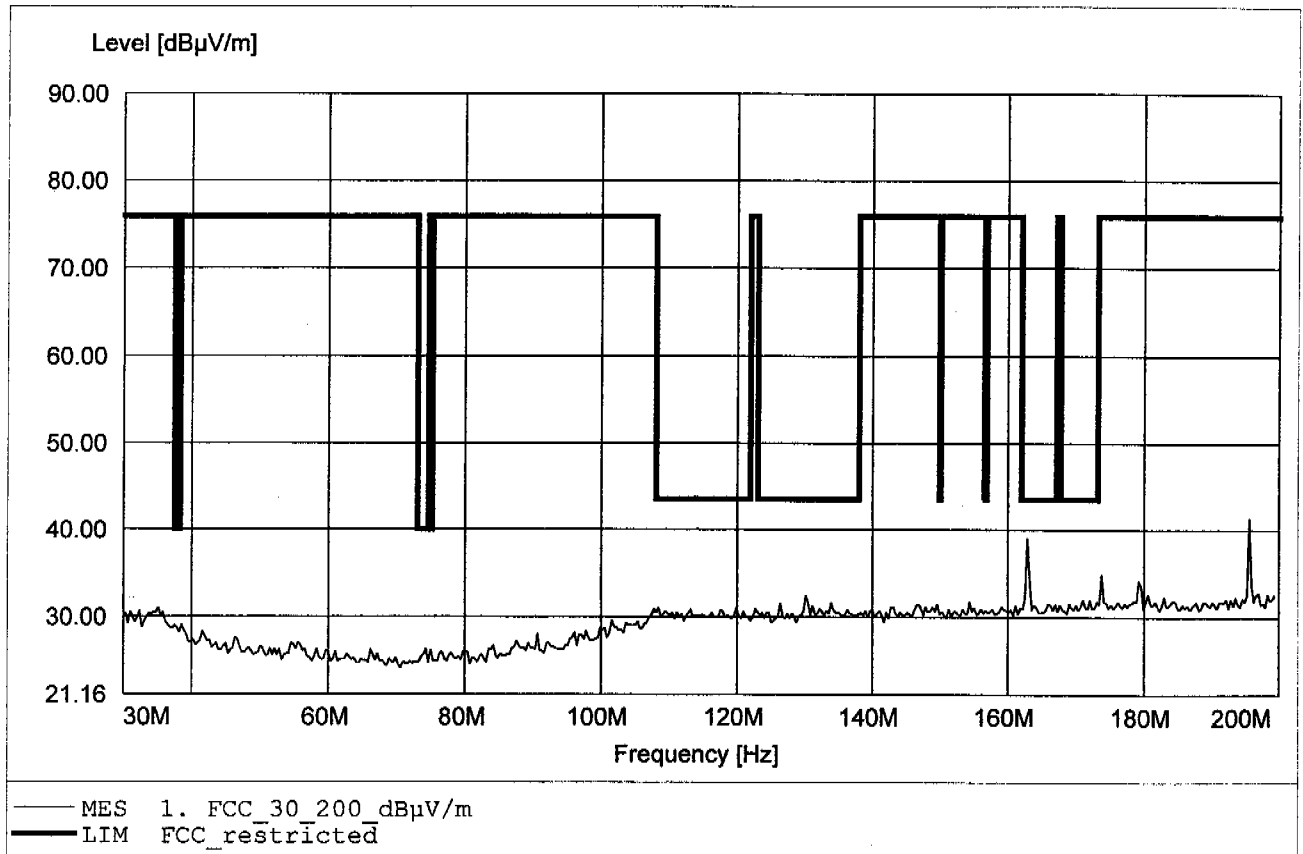
**Carrier power Field Strength
FCC RULES PART 15, SUBPART C**

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.480GHz Emax:95.87dBµV/m RBW:1MHz



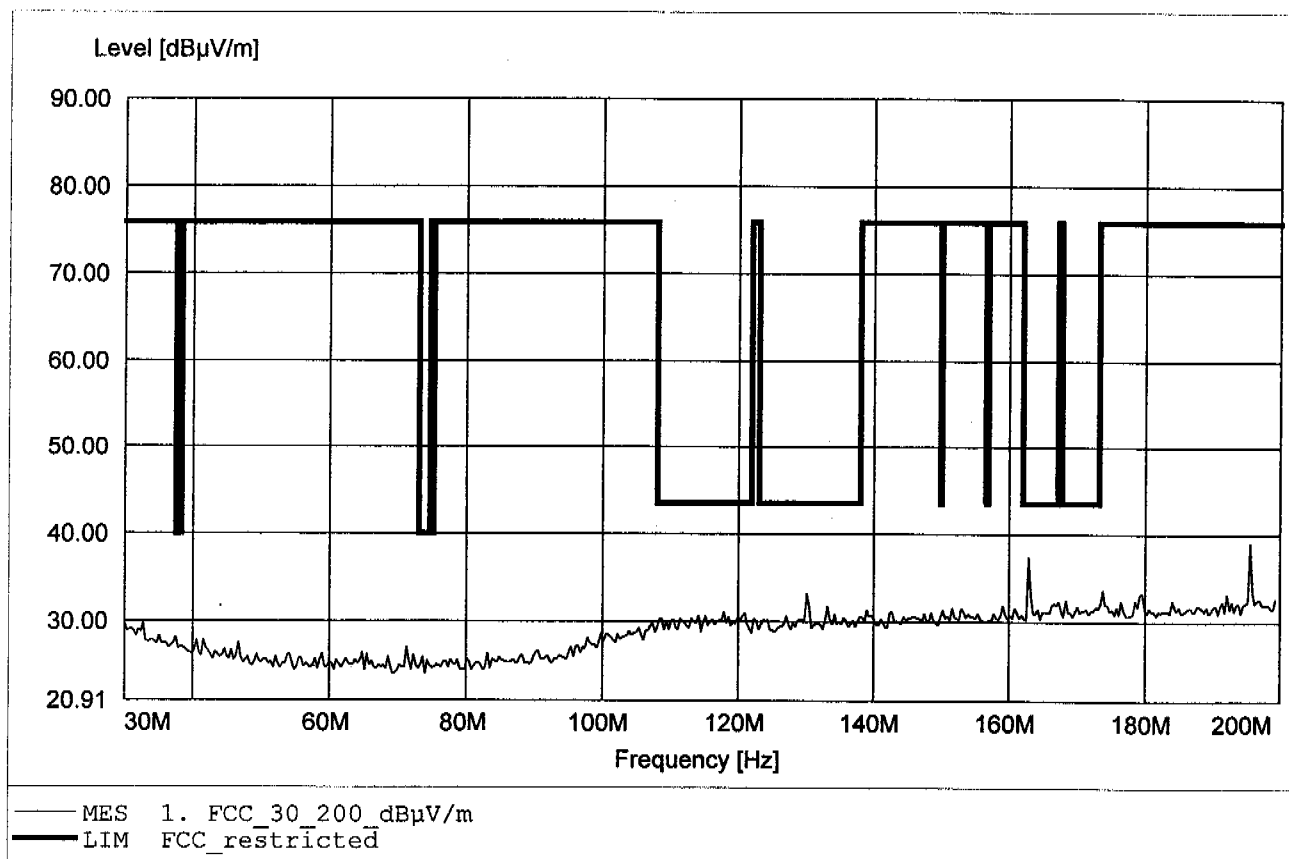
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:195.571MHz Emax:41.37dBµV/m RBW:100KHz



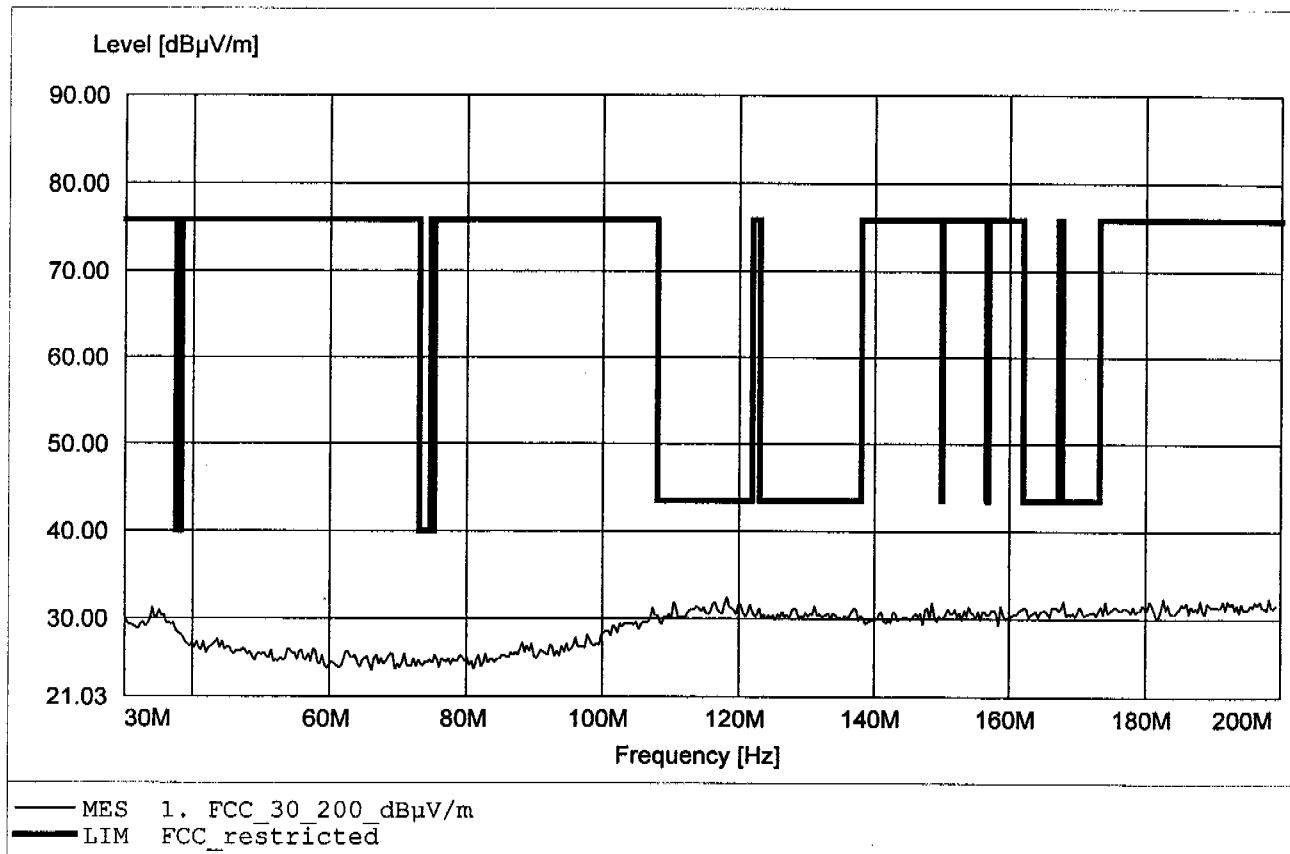
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:195.571MHz Emax:39.04dBµV/m RBW:100KHz



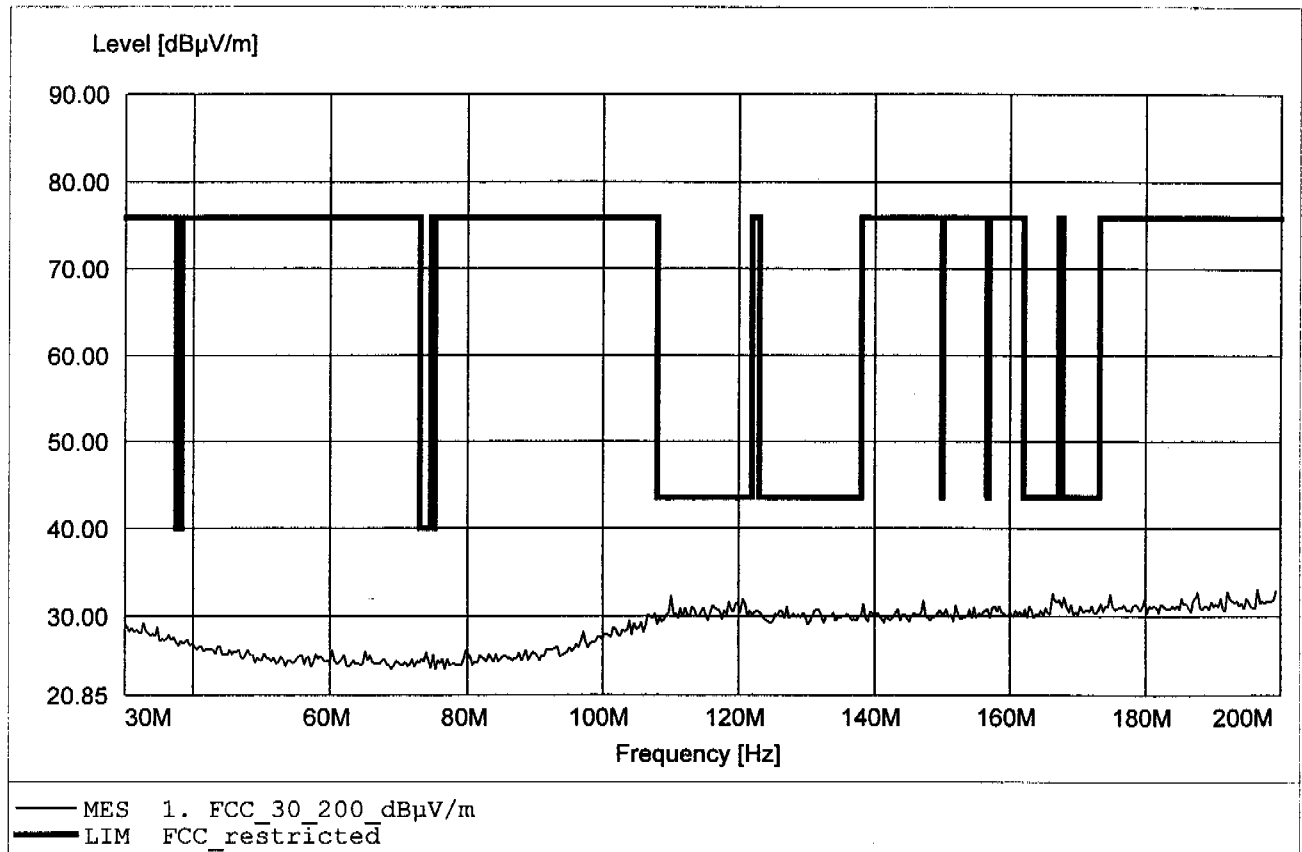
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:118.236MHz Emax:32.47dBµV/m RBW:100KHz



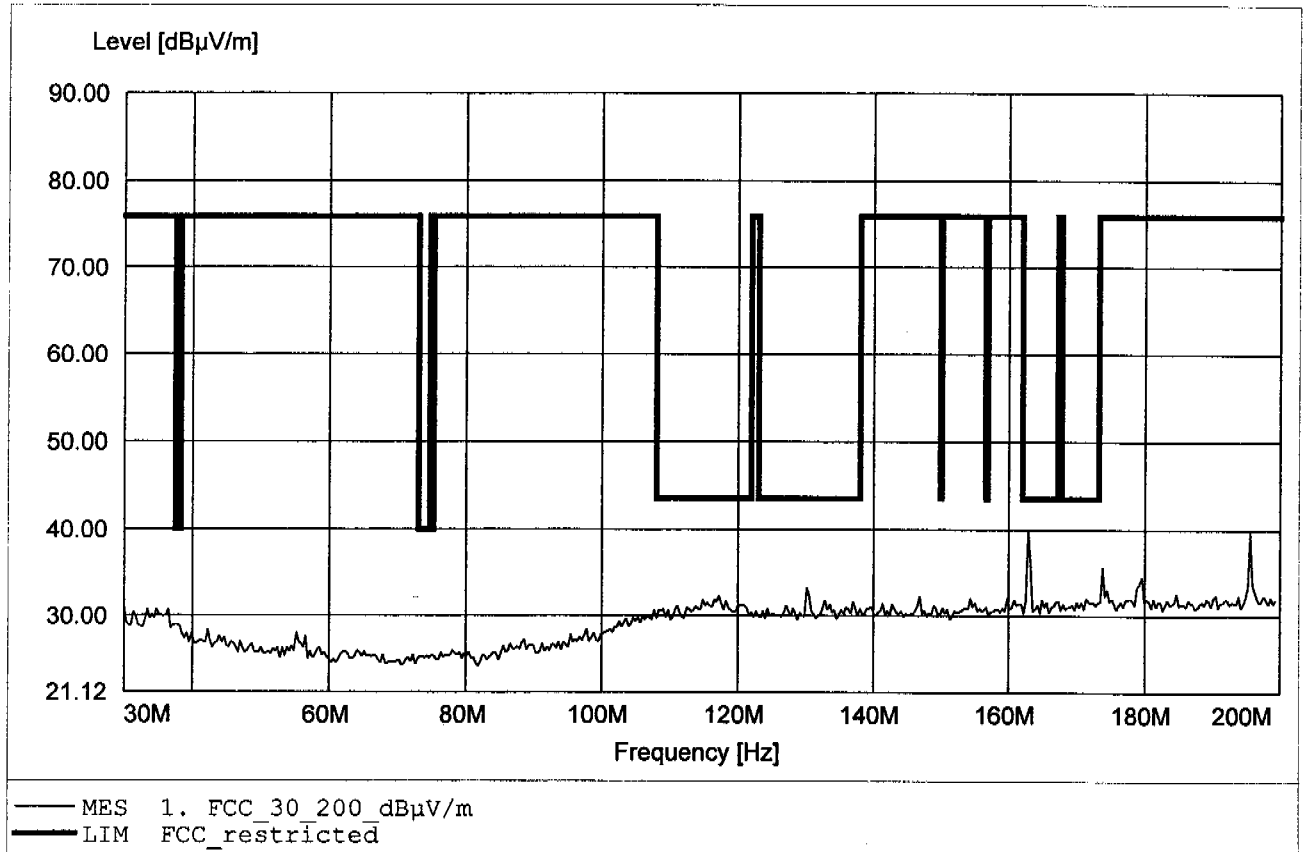
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:196.593MHz Emax:33.16dBµV/m RBW:100KHz



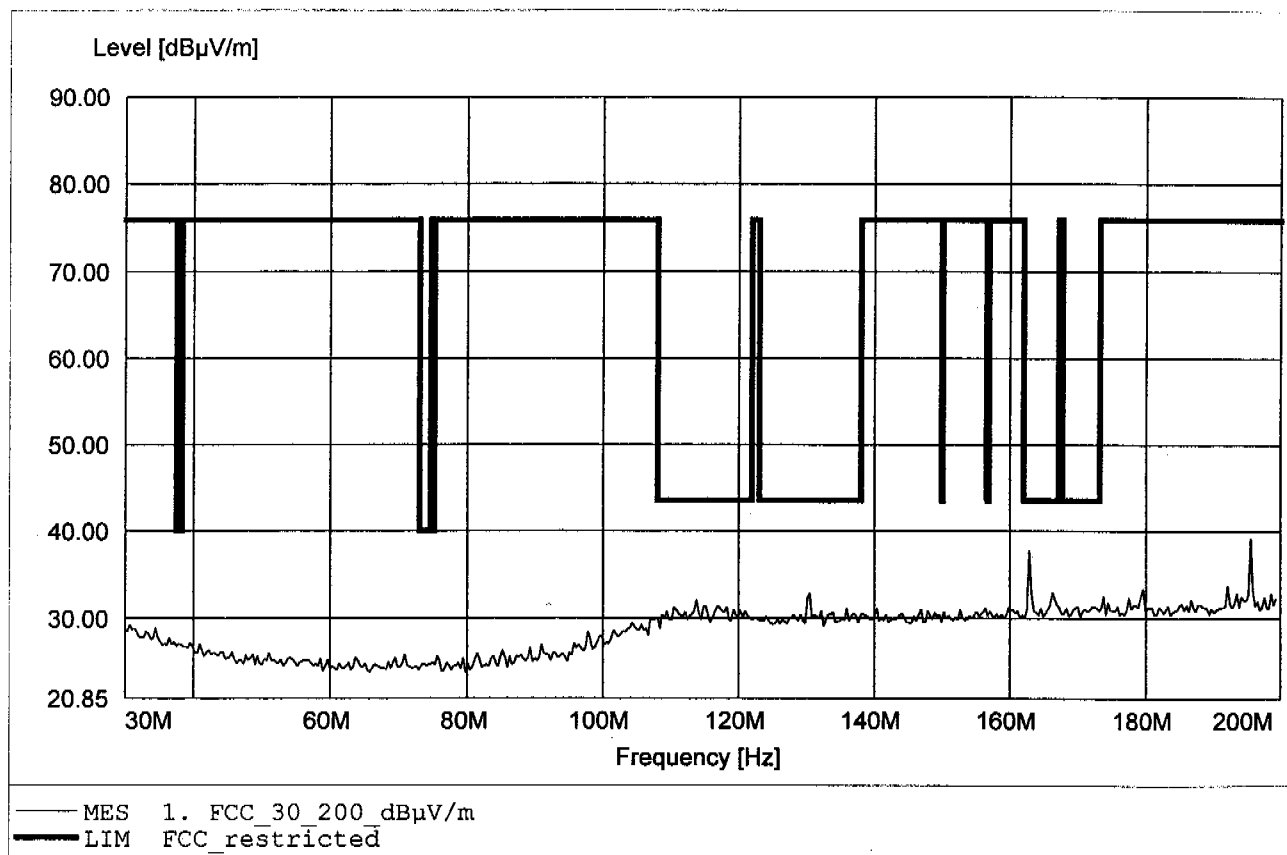
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:162.866MHz Emax:40.00dBµV/m RBW:100KHz



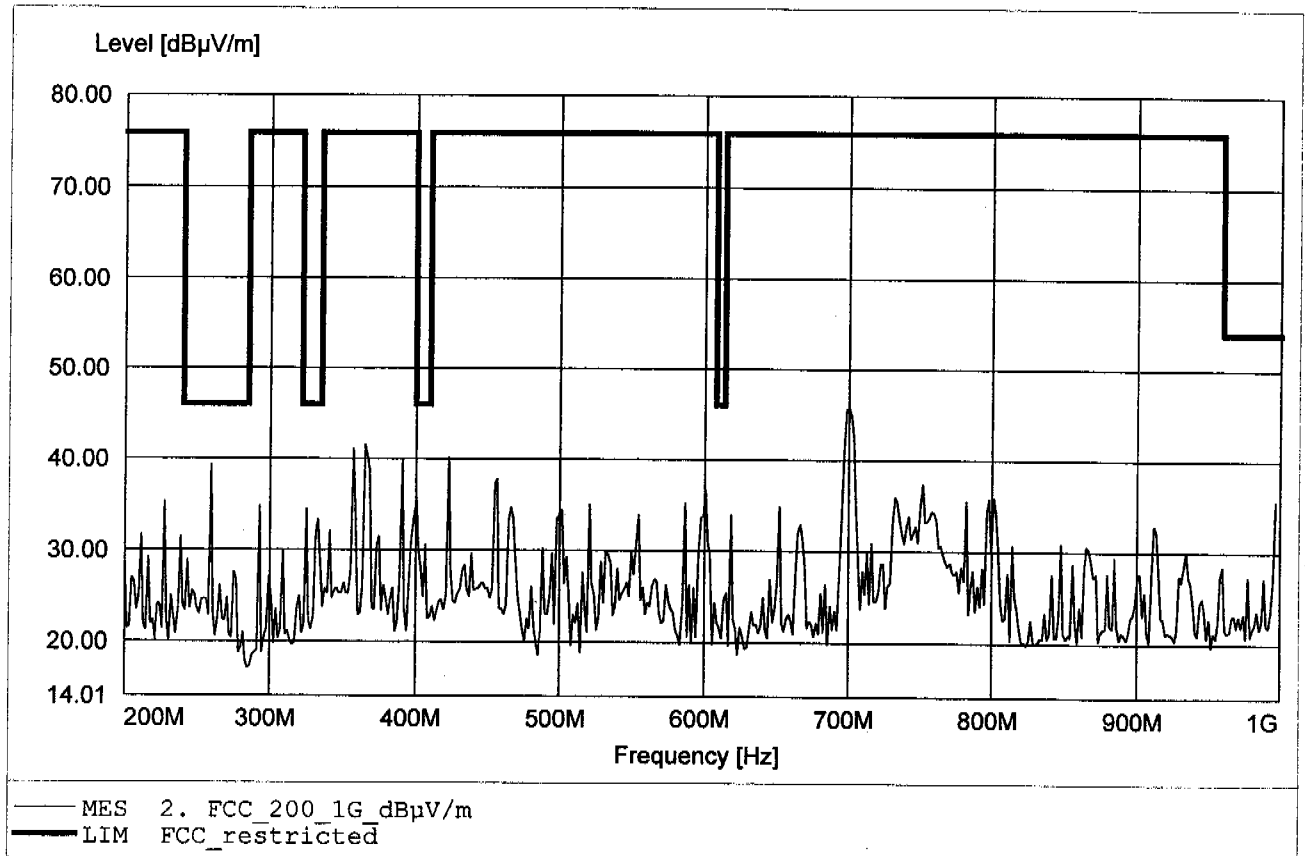
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:195.571MHz Emax:39.19dBµV/m RBW:100KHz



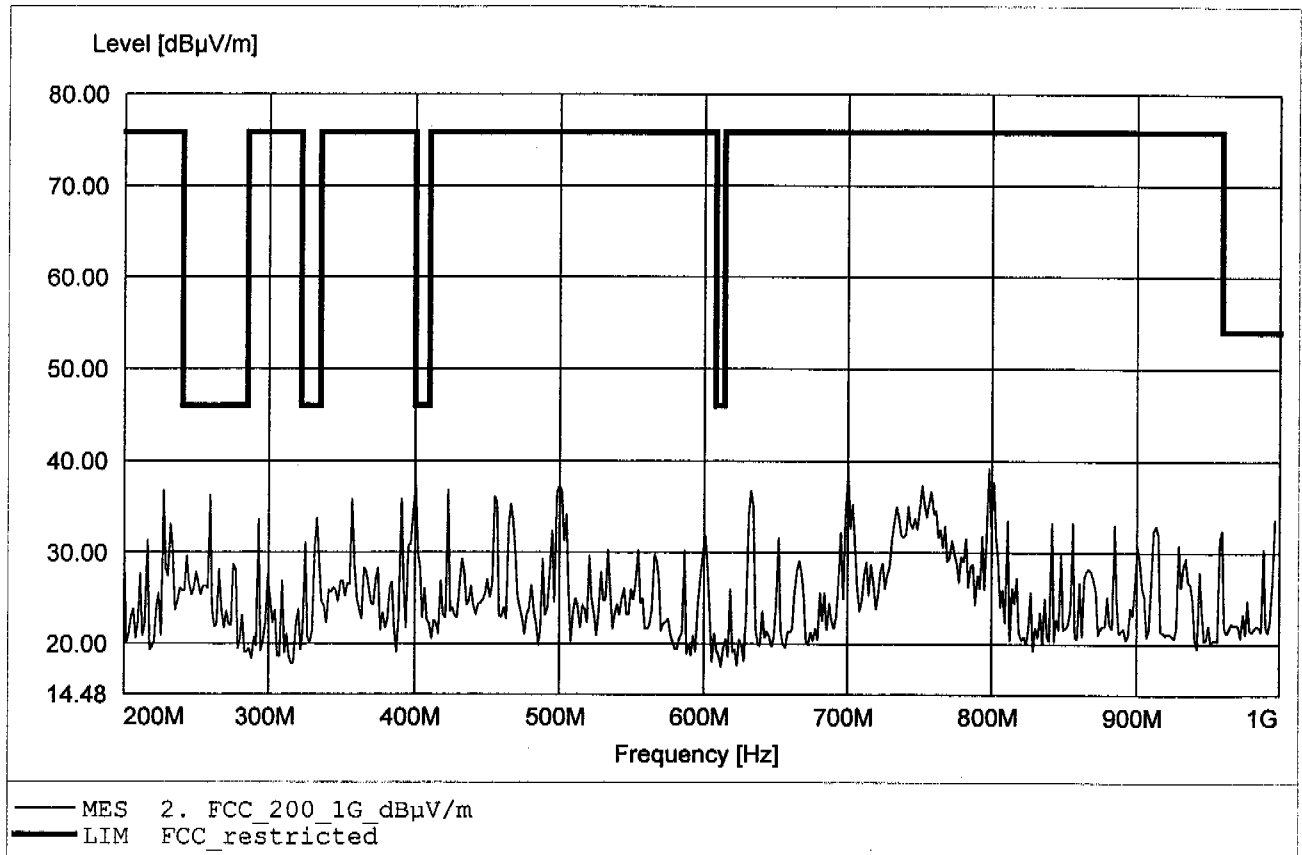
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:700.200MHz Emax:45.71dBµV/m RBW:100KHz



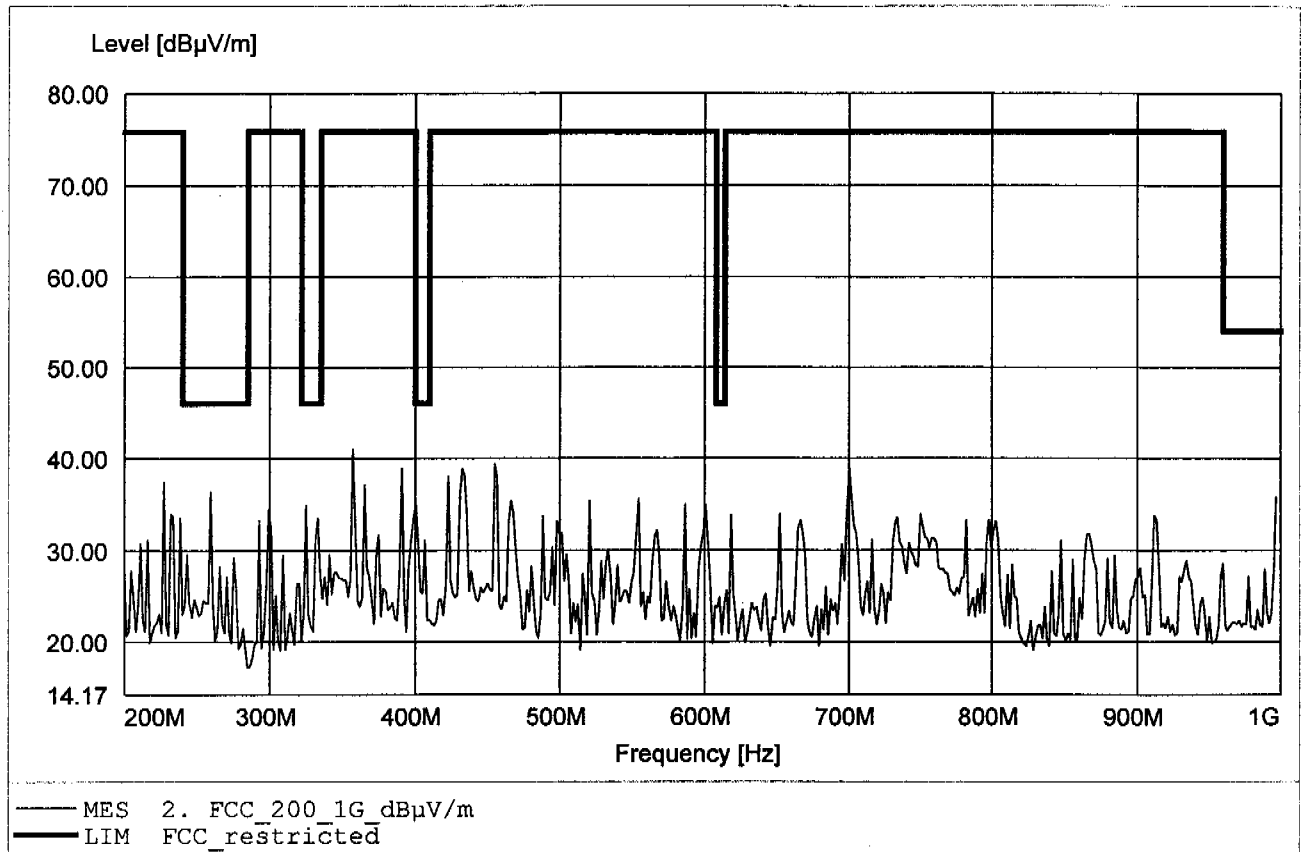
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:797.996MHz Emax:39.21dBµV/m RBW:100KHz



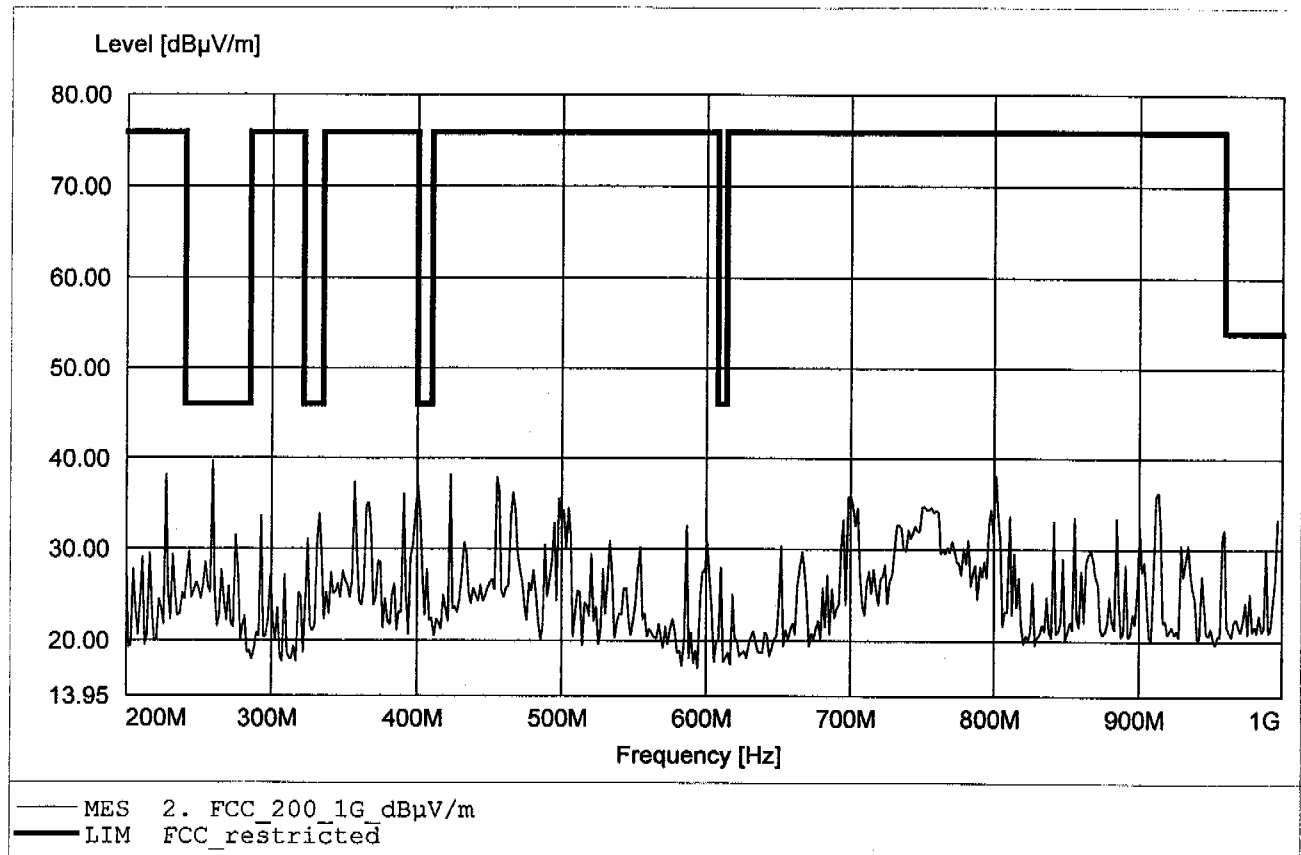
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:357.114MHz Emax:41.00dBµV/m RBW:100KHz



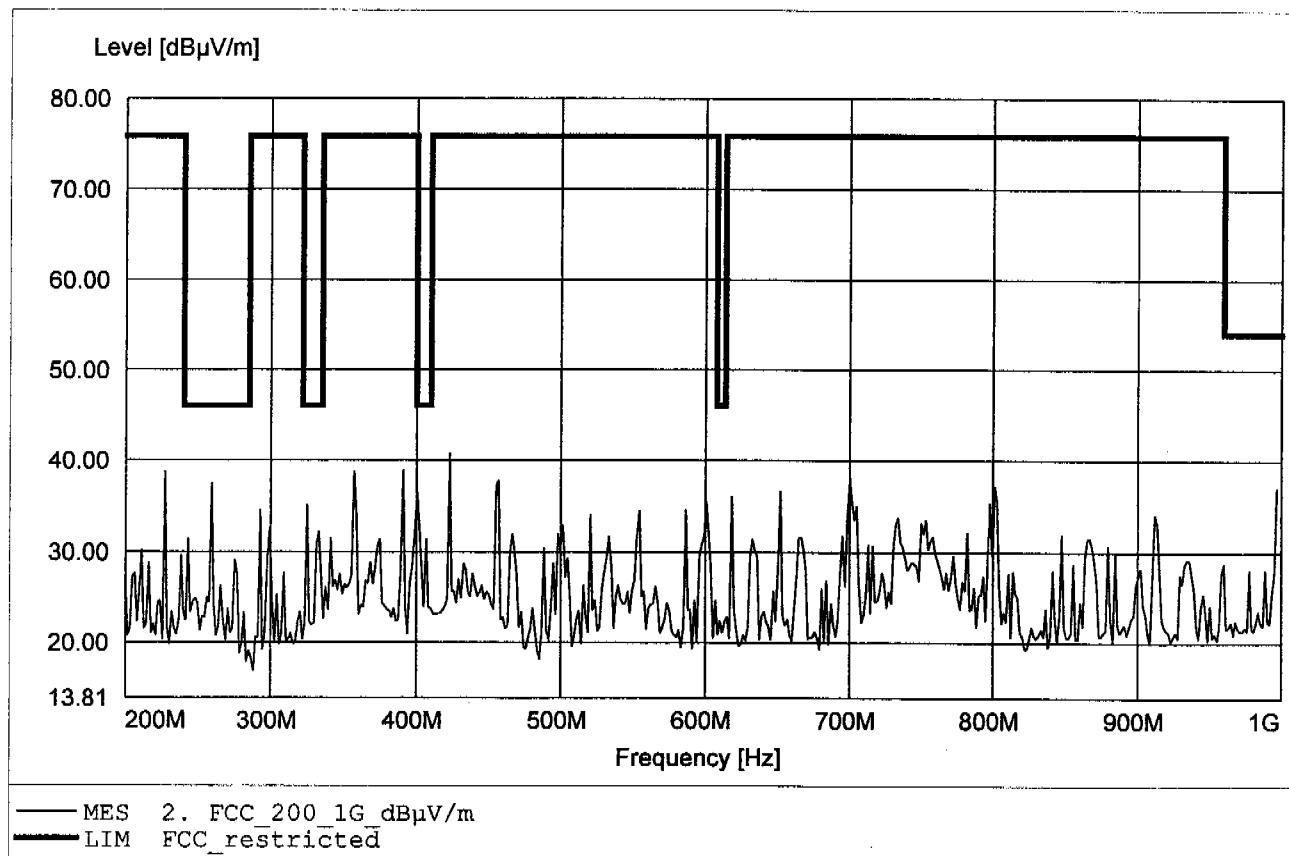
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:259.319MHz Emax:39.66dBuV/m RBW:100KHz



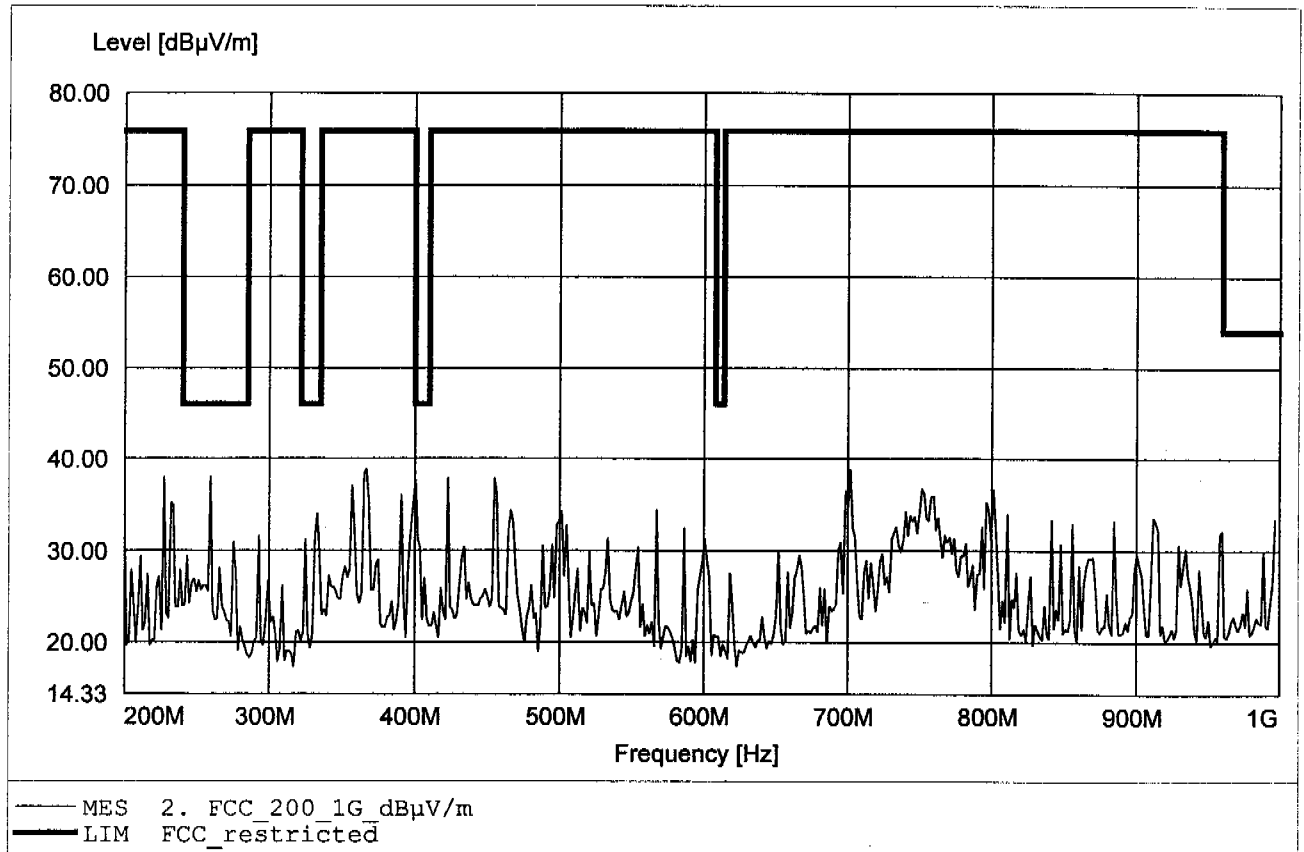
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:422.846MHz Emax:40.76dBµV/m RBW:100KHz



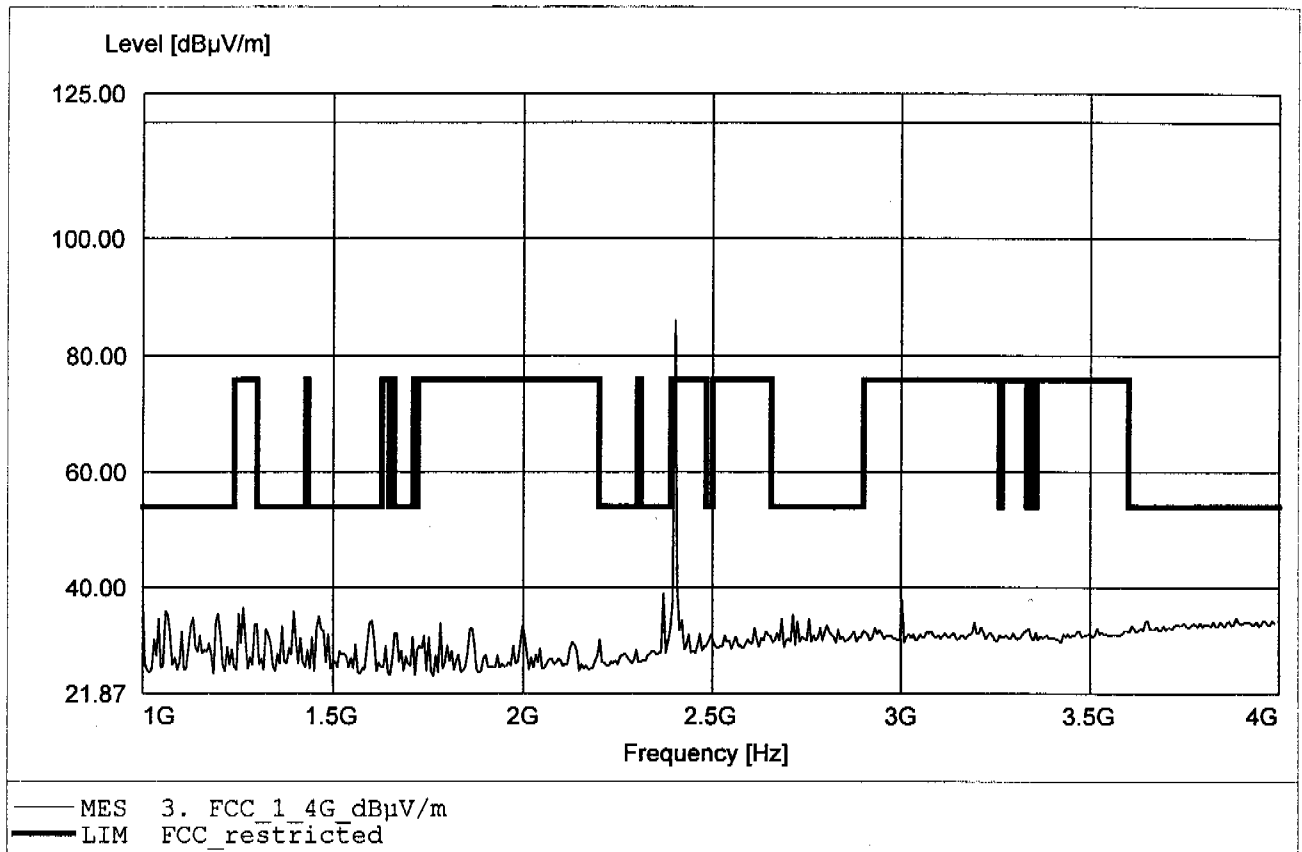
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:366.733MHz Emax:38.85dBµV/m RBW:100KHz



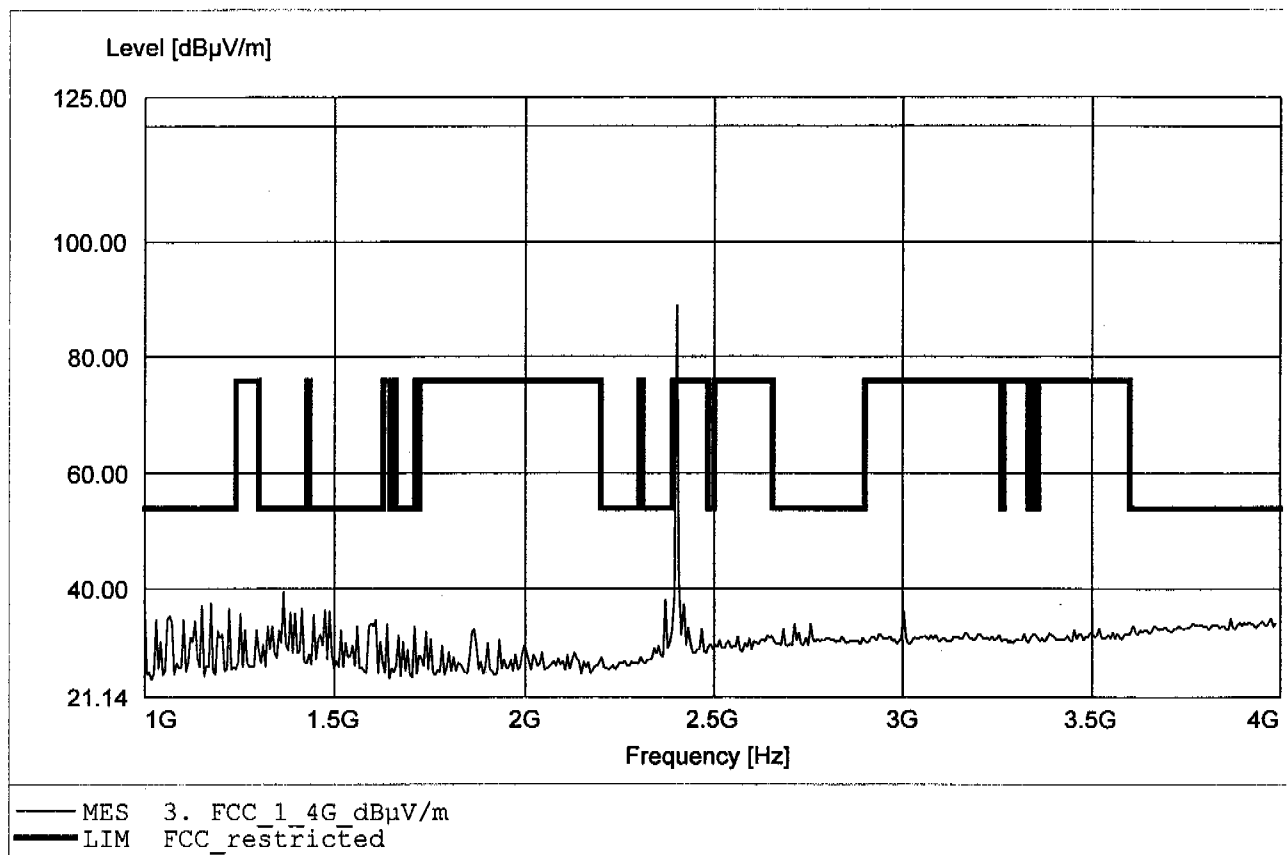
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.401GHz Emax:86.01dBµV/m RBW:1MHz



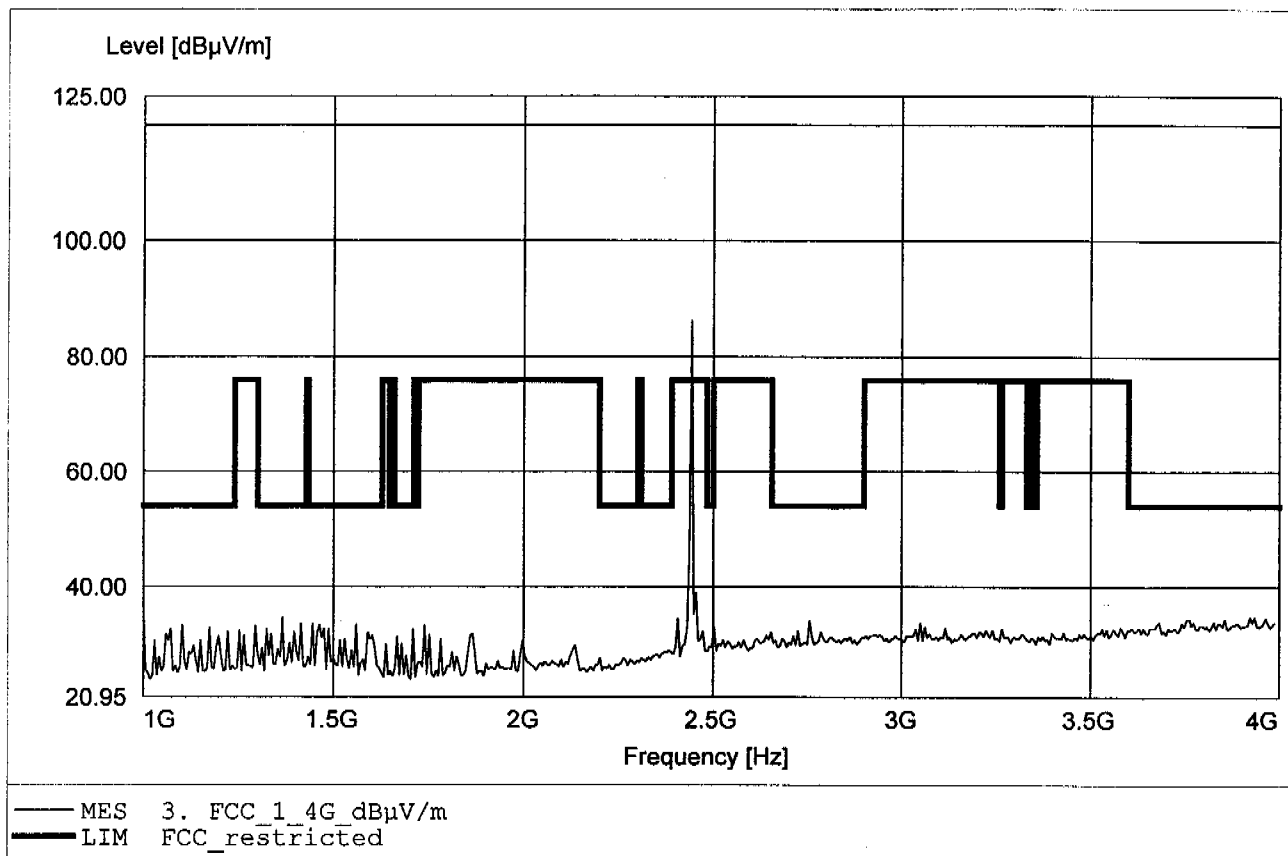
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.401GHz Emax:88.97dBµV/m RBW:1MHz



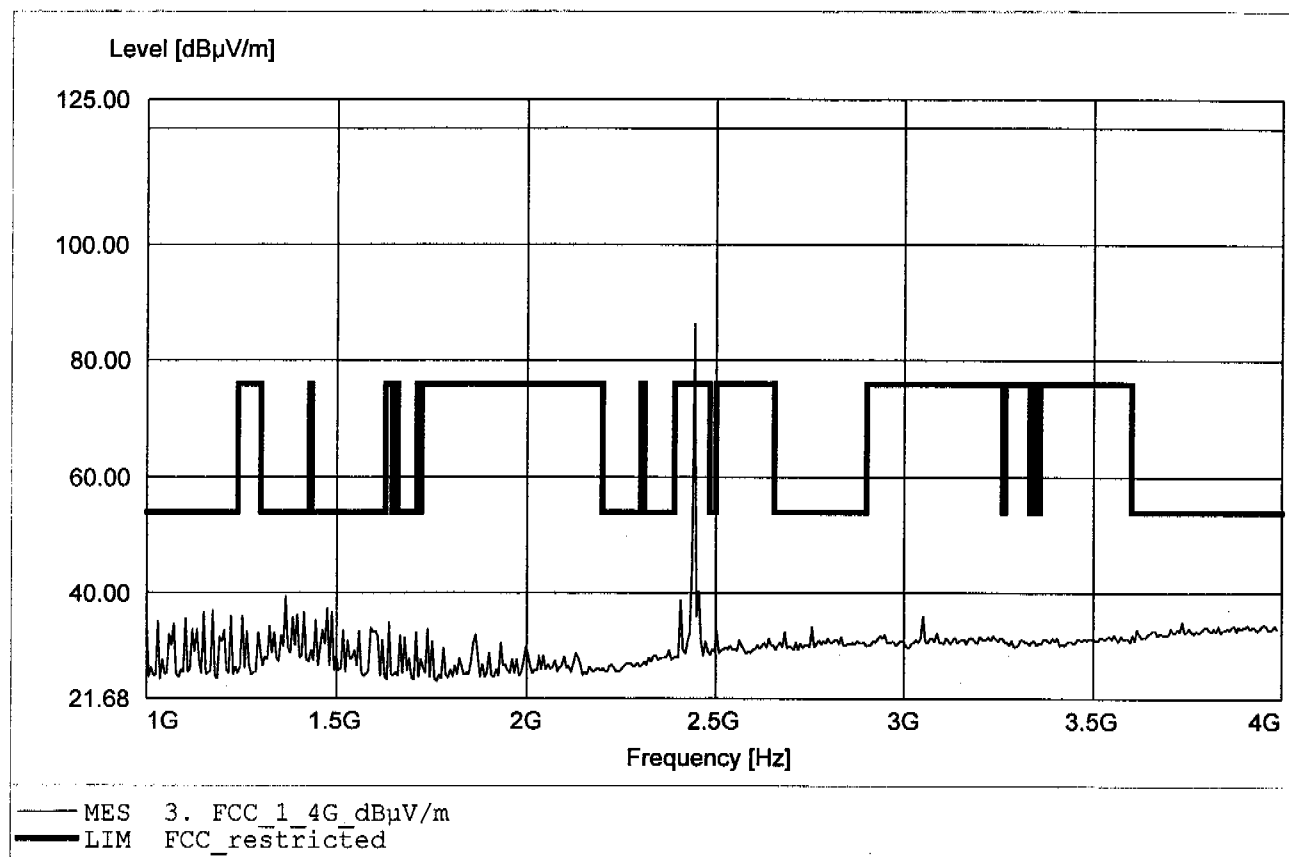
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.443GHz Emax:86.24dBµV/m RBW:1MHz



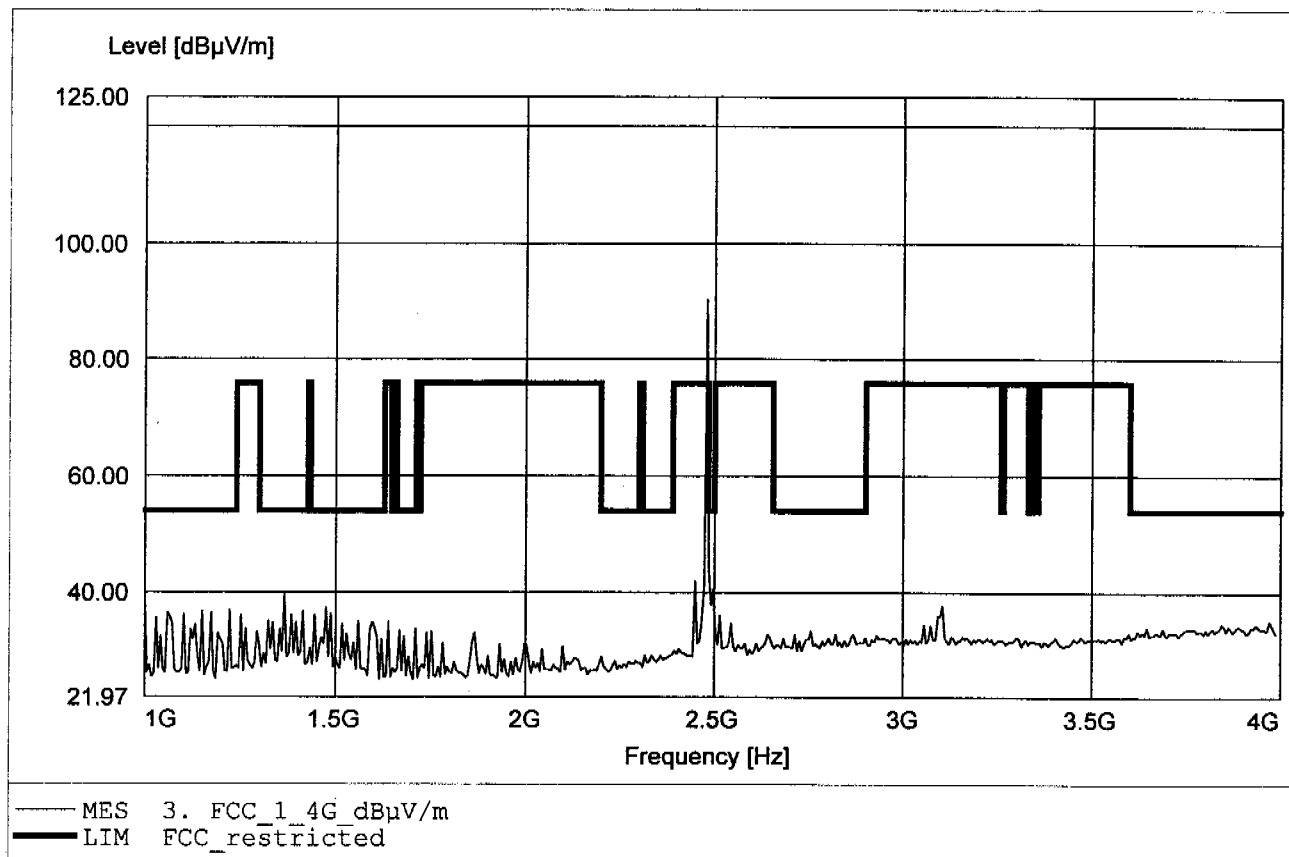
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.443GHz Emax:86.29dBµV/m RBW:1MHz



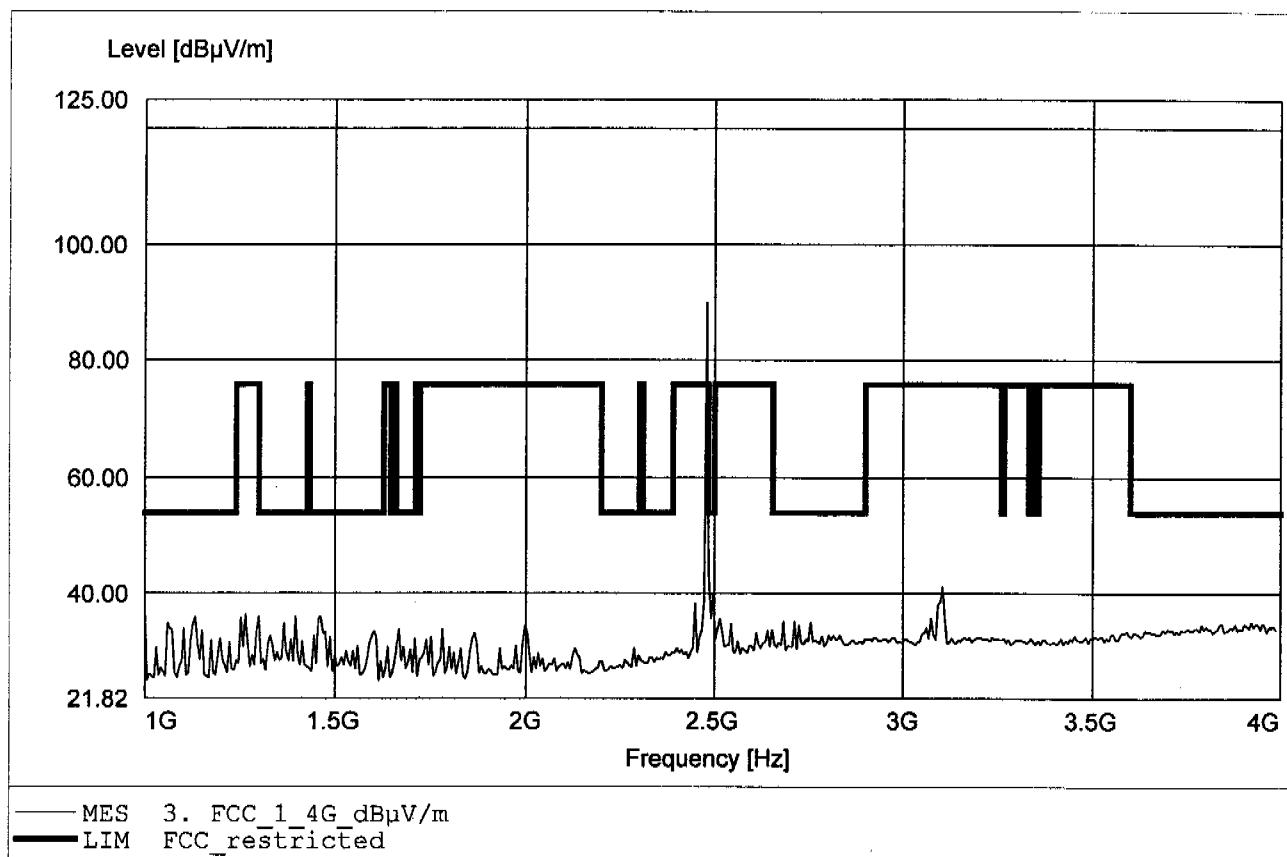
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.479GHz Emax:90.41dBµV/m RBW:1MHz



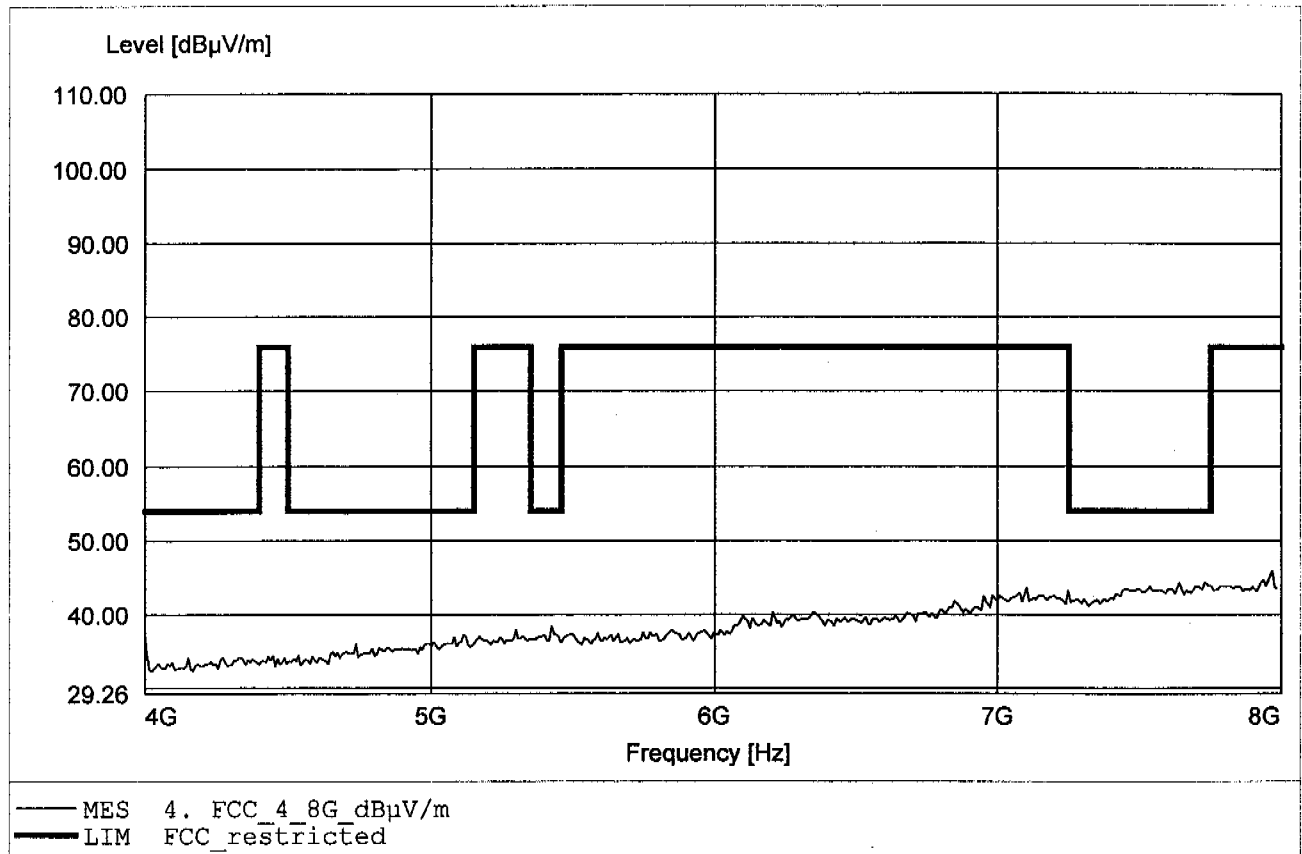
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.479GHz Emax:89.94dBµV/m RBW:1MHz



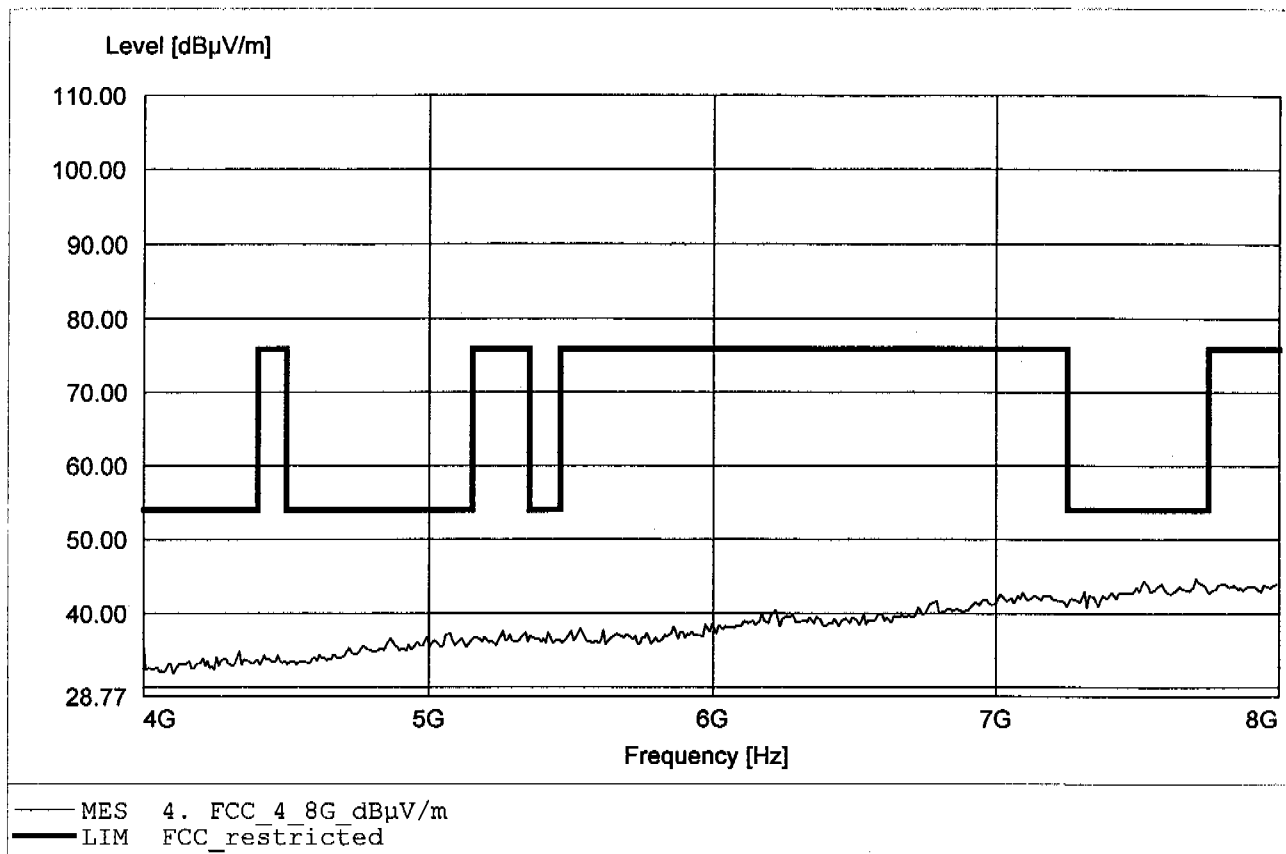
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:7.968GHz Emax:45.95dBµV/m RBW:1MHz



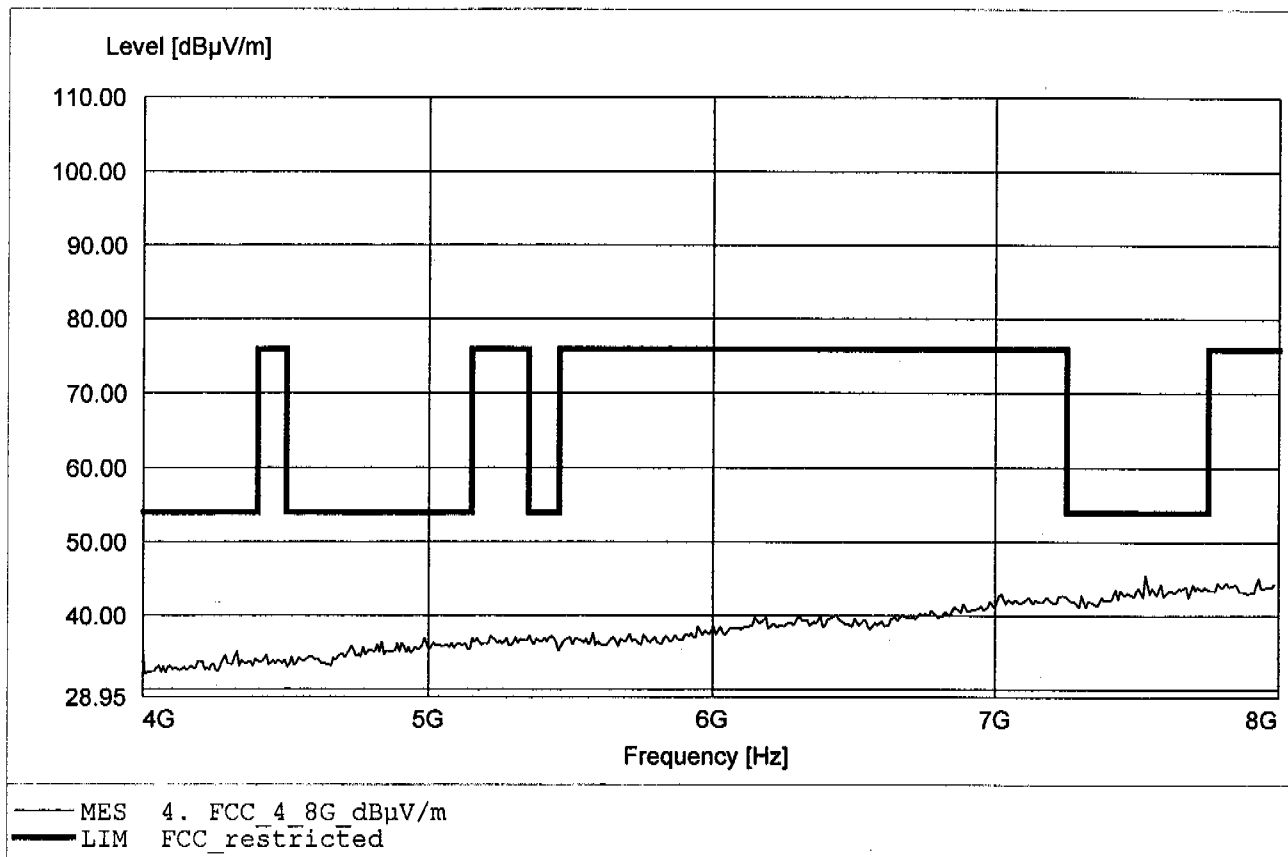
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:7.703GHz Emax:44.72dBµV/m RBW:1MHz



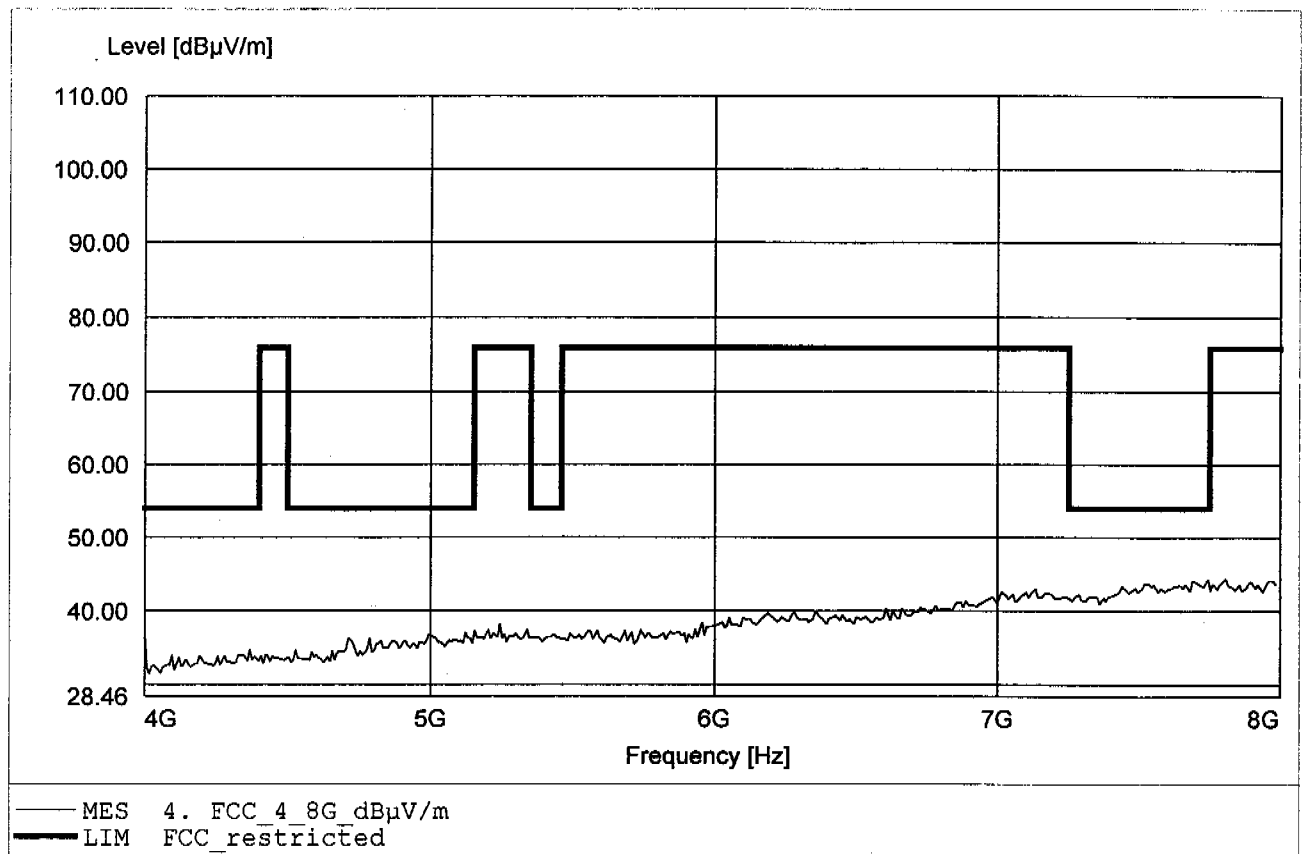
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:7.527GHz Emax:45.57dBµV/m RBW:1MHz



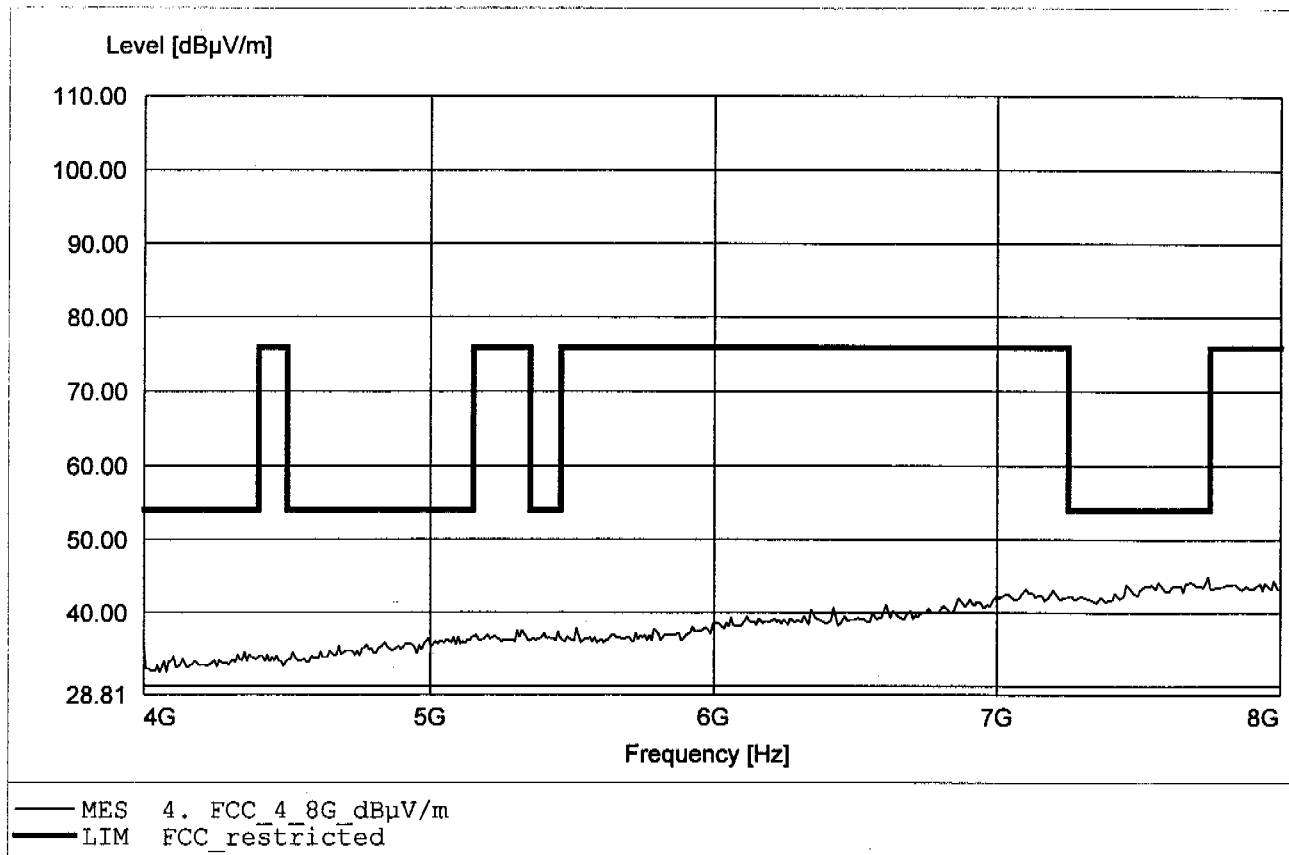
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:7.808GHz Emax:44.41dBµV/m RBW:1MHz



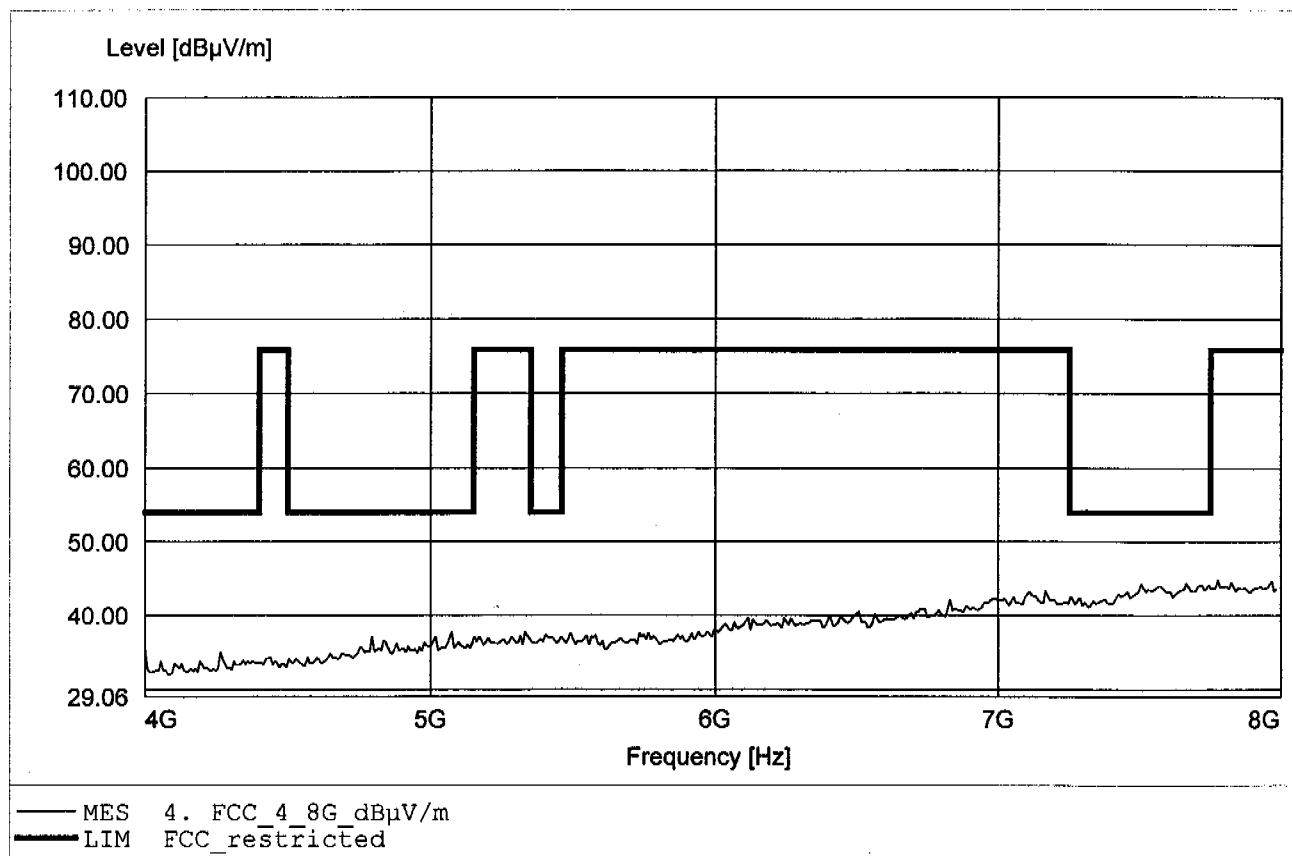
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:7.743GHz Emax:45.02dBµV/m RBW:1MHz



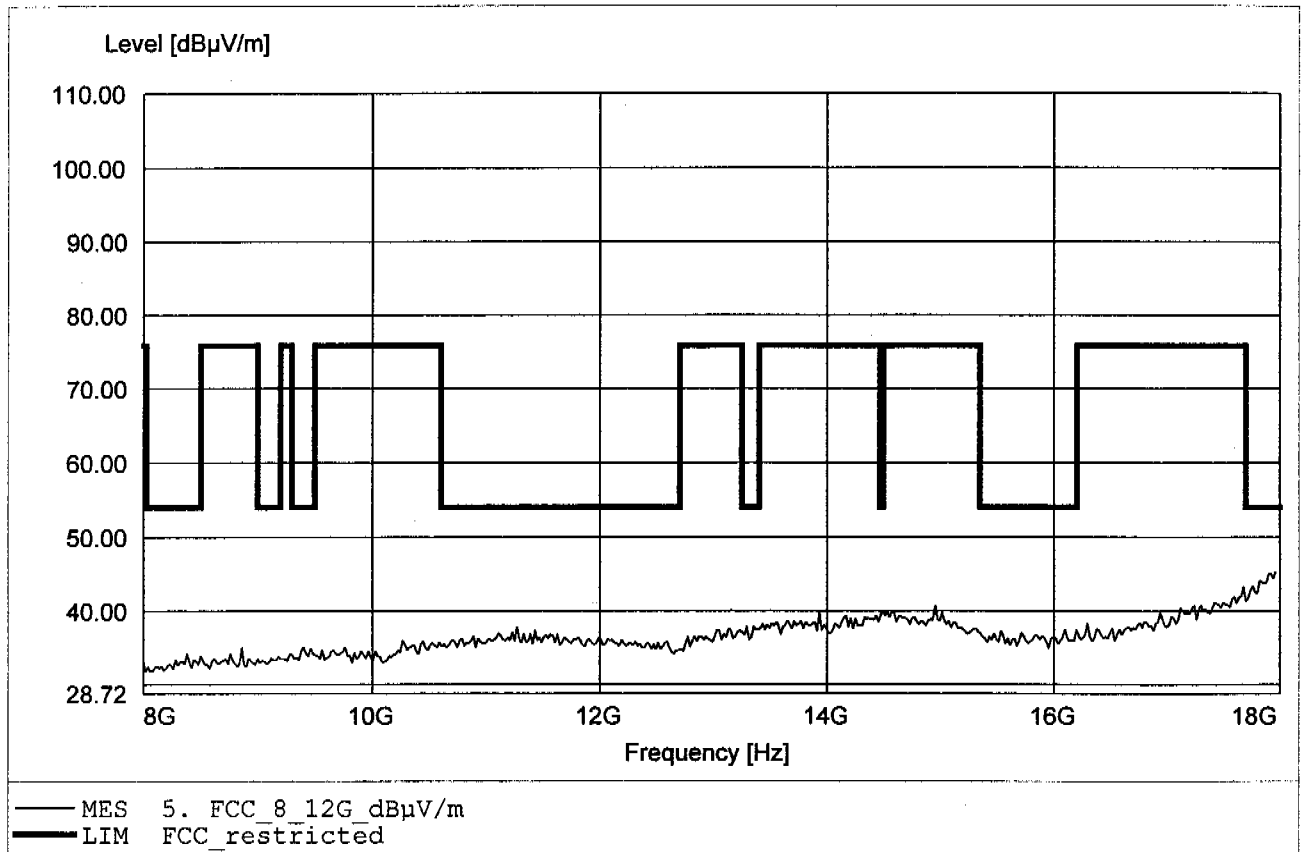
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:7.776GHz Emax:44.84dBµV/m RBW:1MHz



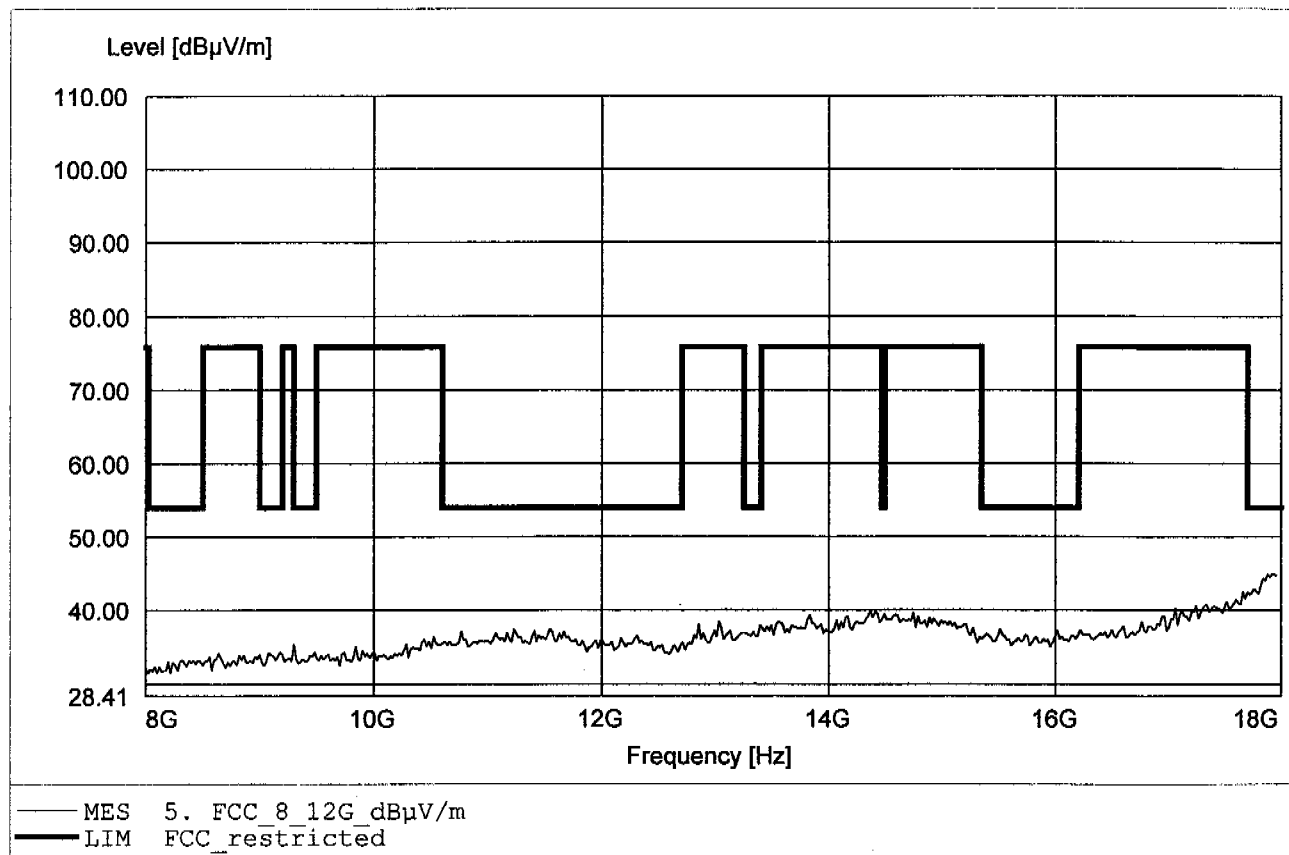
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.960GHz Emax:45.29dBµV/m RBW:1MHz



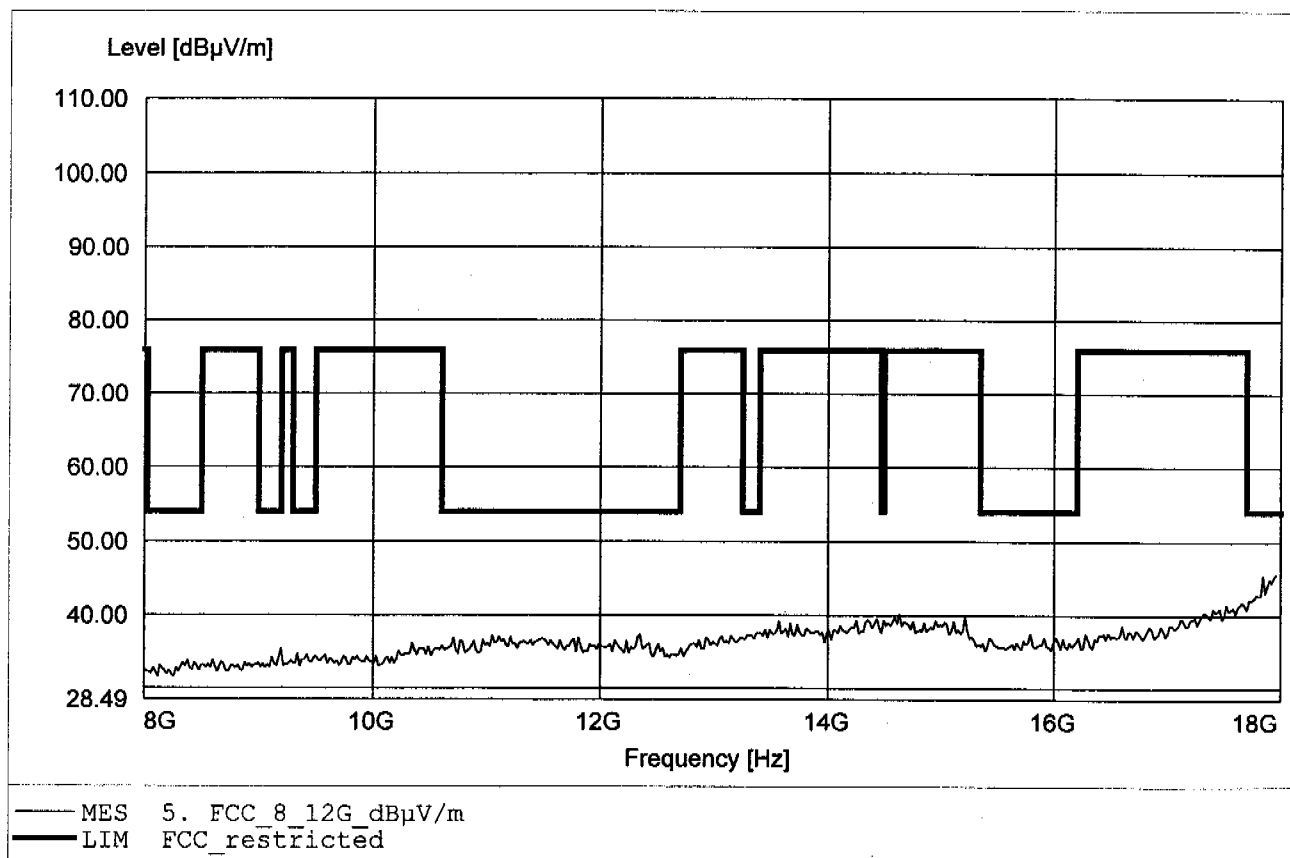
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.920GHz Emax:44.91dBµV/m RBW:1MHz



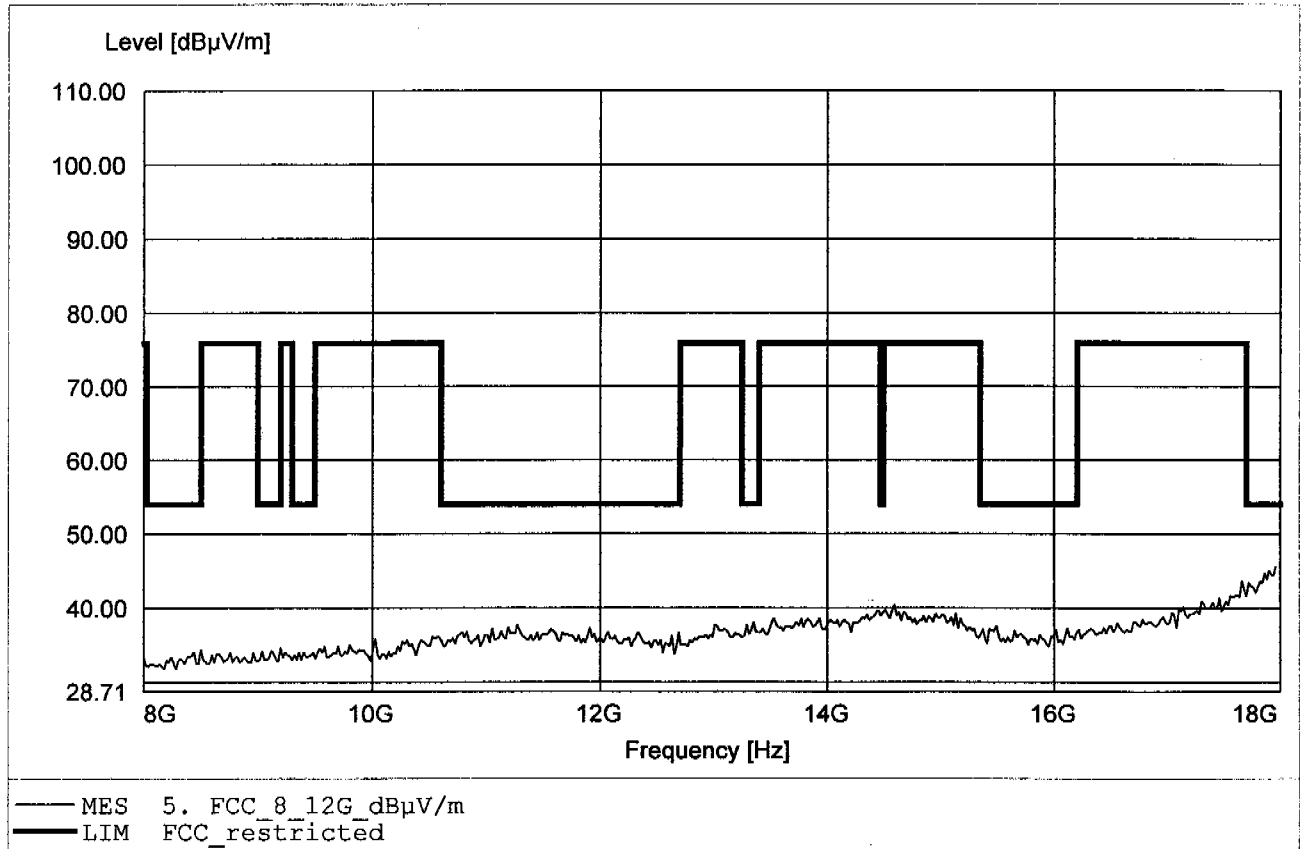
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.960GHz Emax:45.66dBµV/m RBW:1MHz



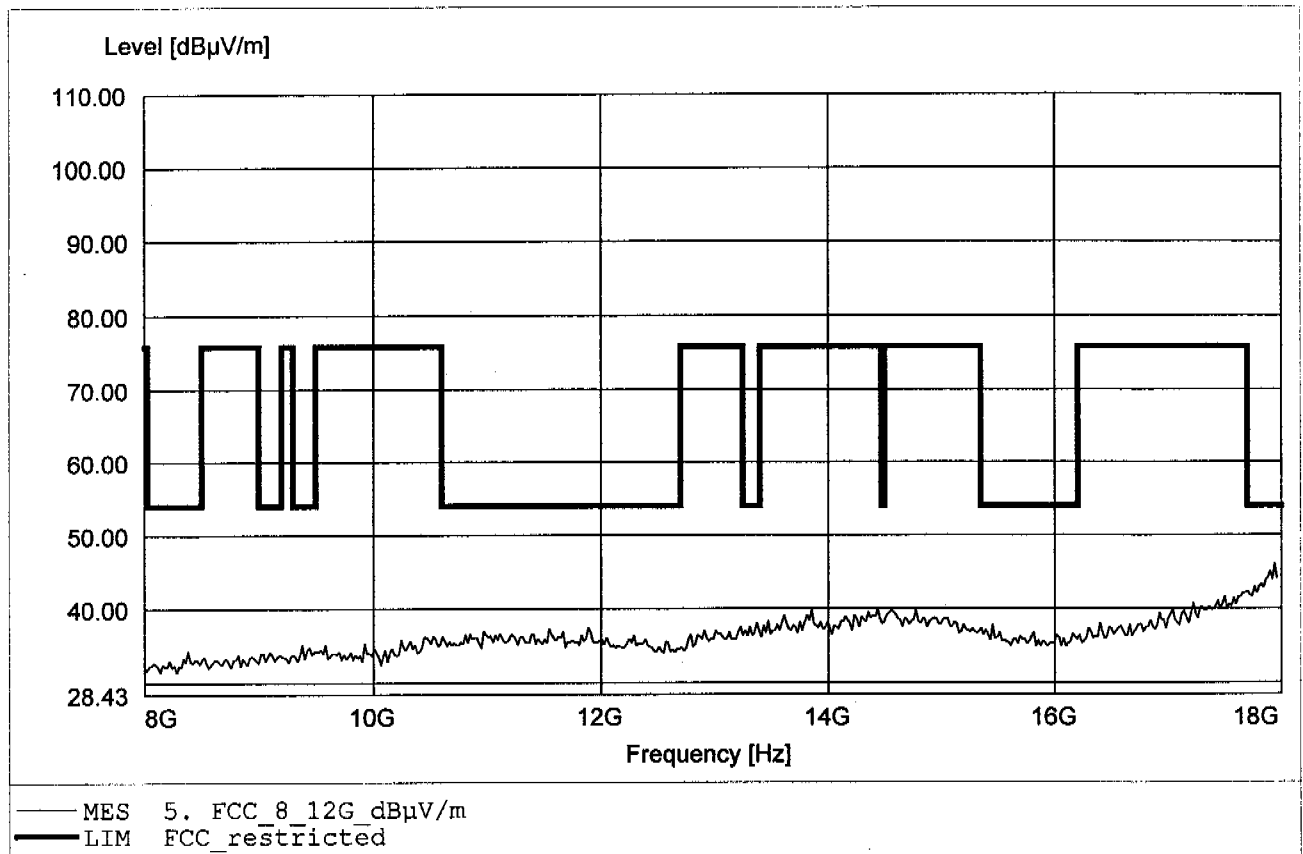
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.960GHz Emax:45.57dBµV/m RBW:1MHz



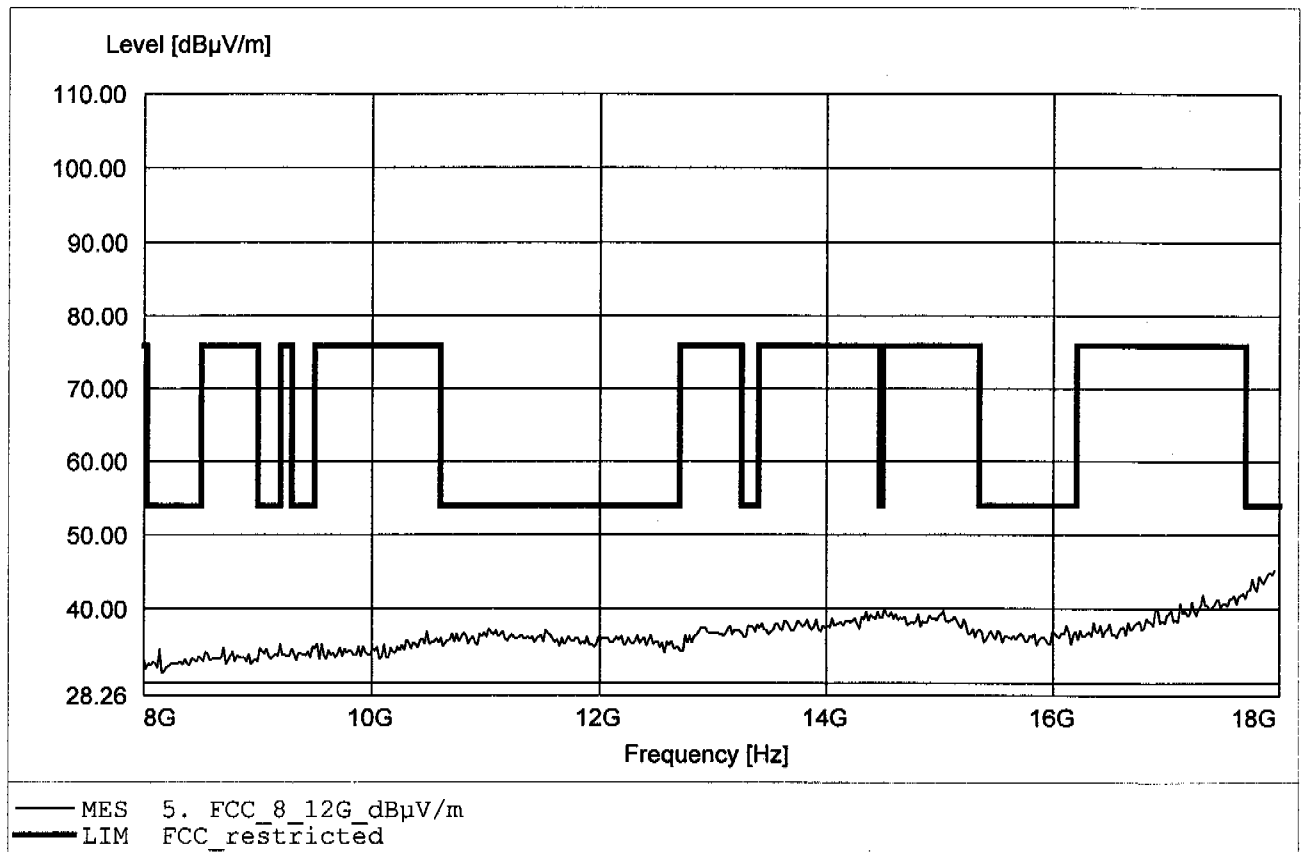
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.940GHz Emax:46.11dBµV/m RBW:1MHz



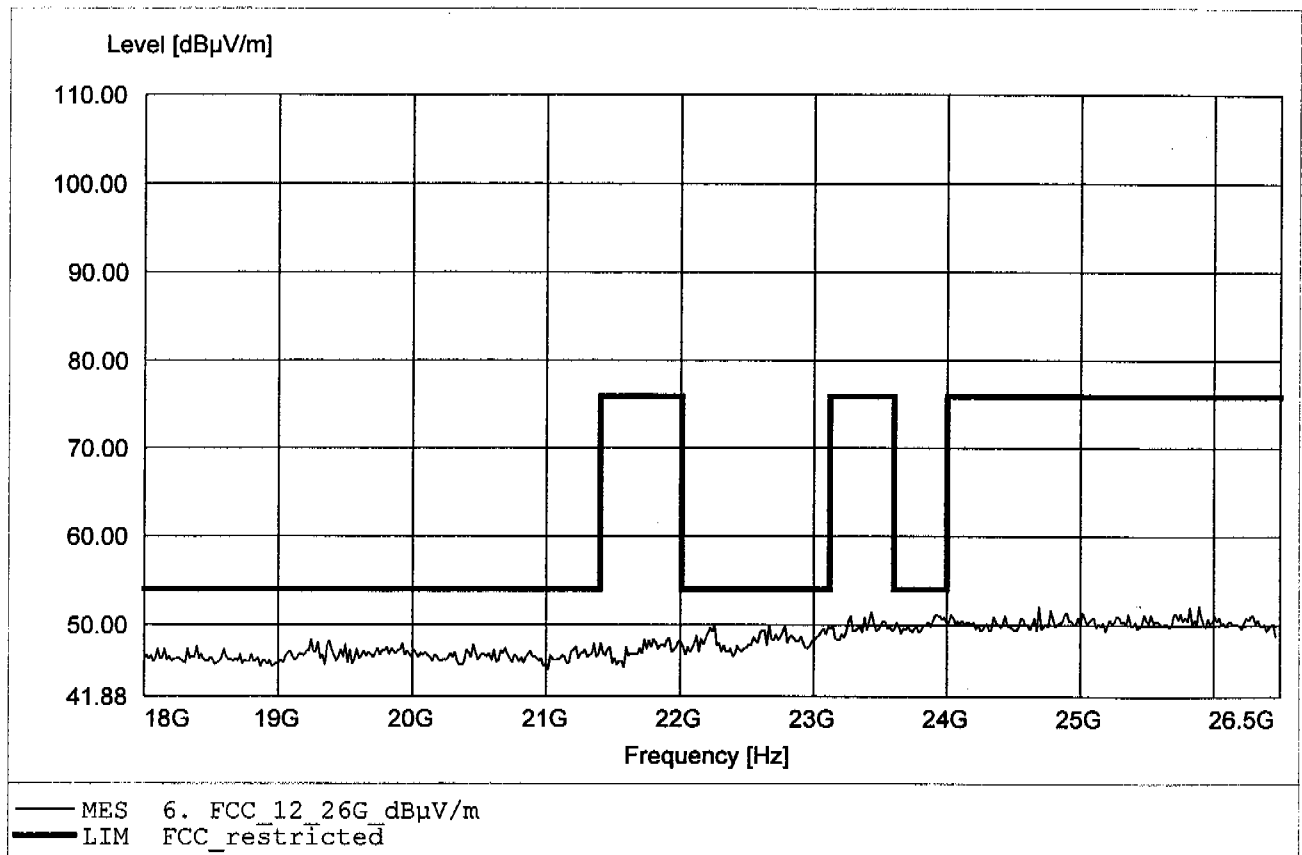
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.960GHz Emax:45.30dBµV/m RBW:1MHz



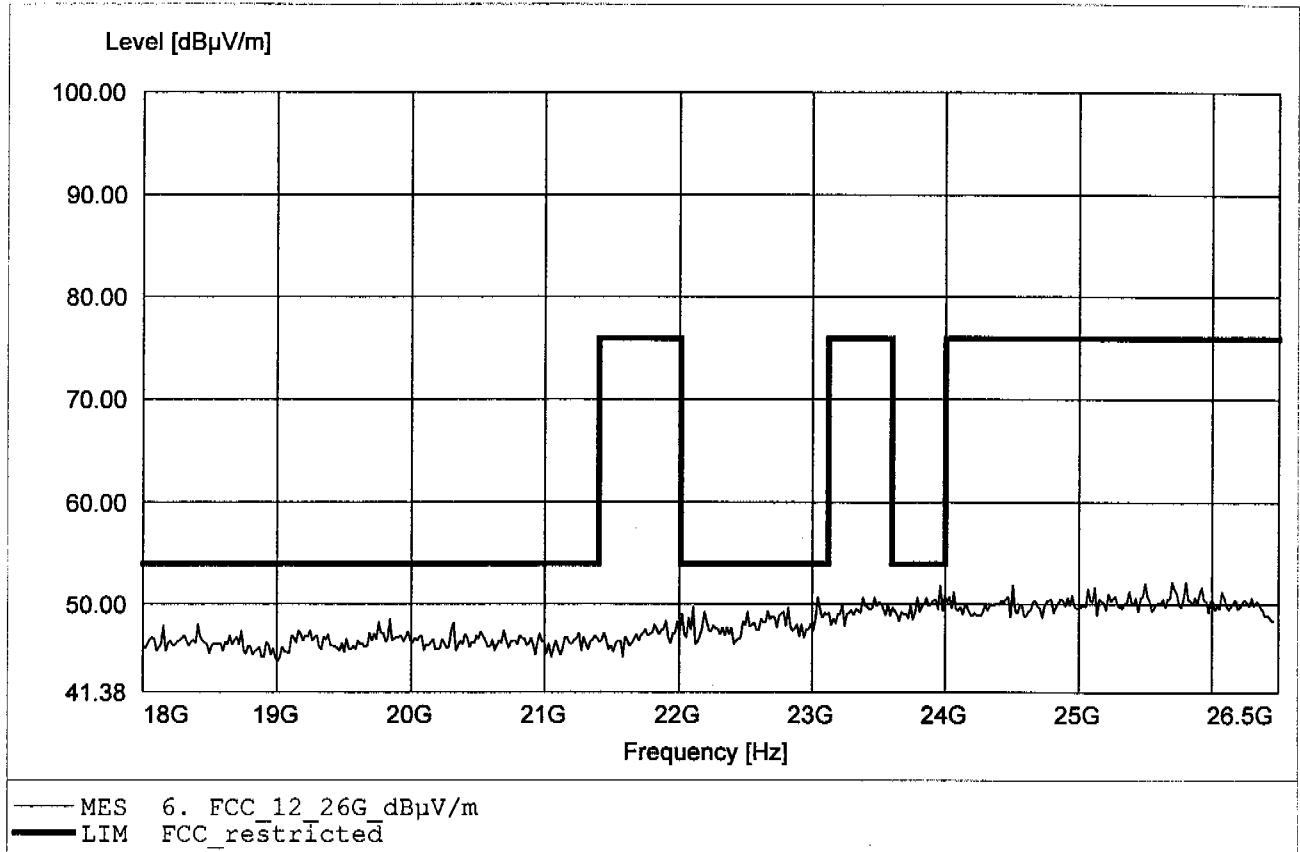
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25.887GHz Emax:52.21dBµV/m RBW:1MHz



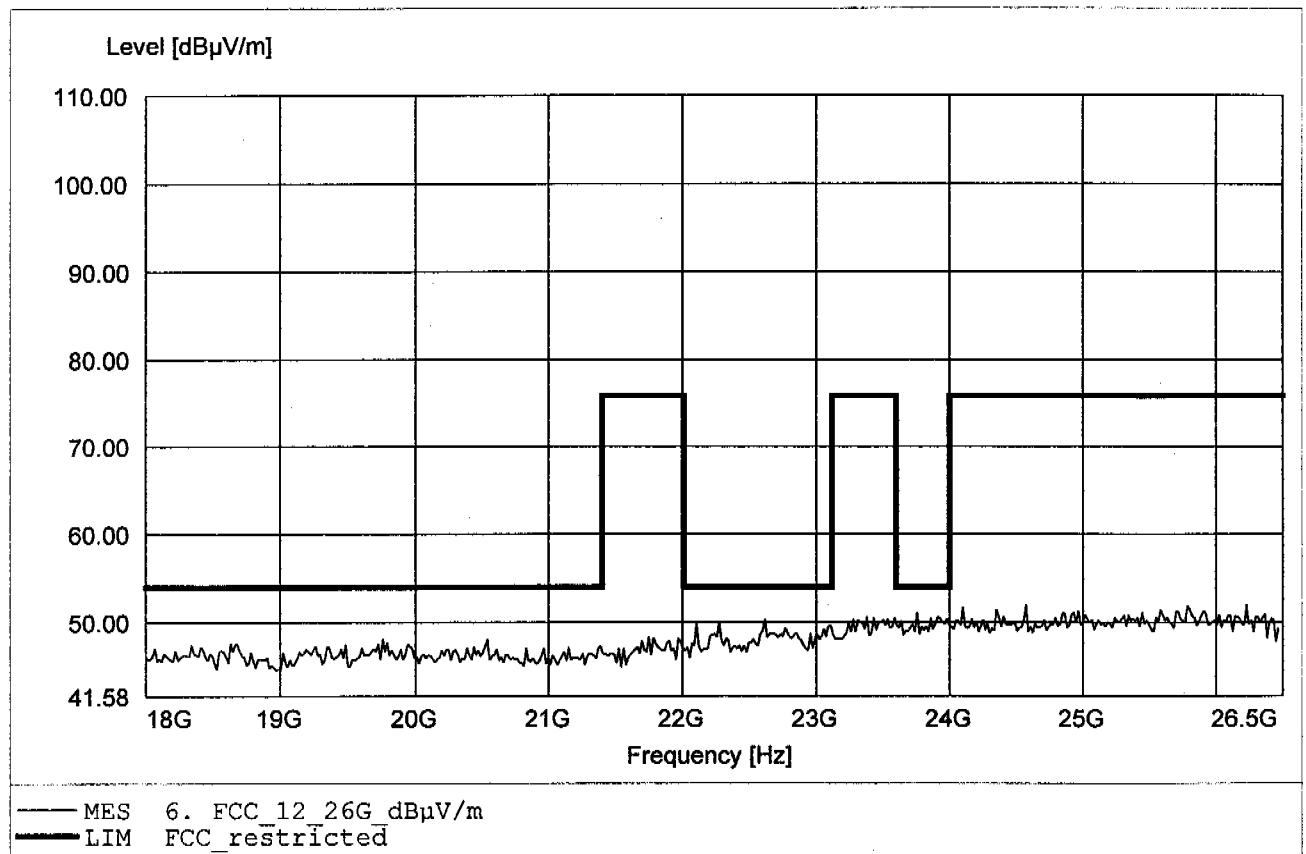
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2402 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25.699GHz Emax:52.26dBµV/m RBW:1MHz



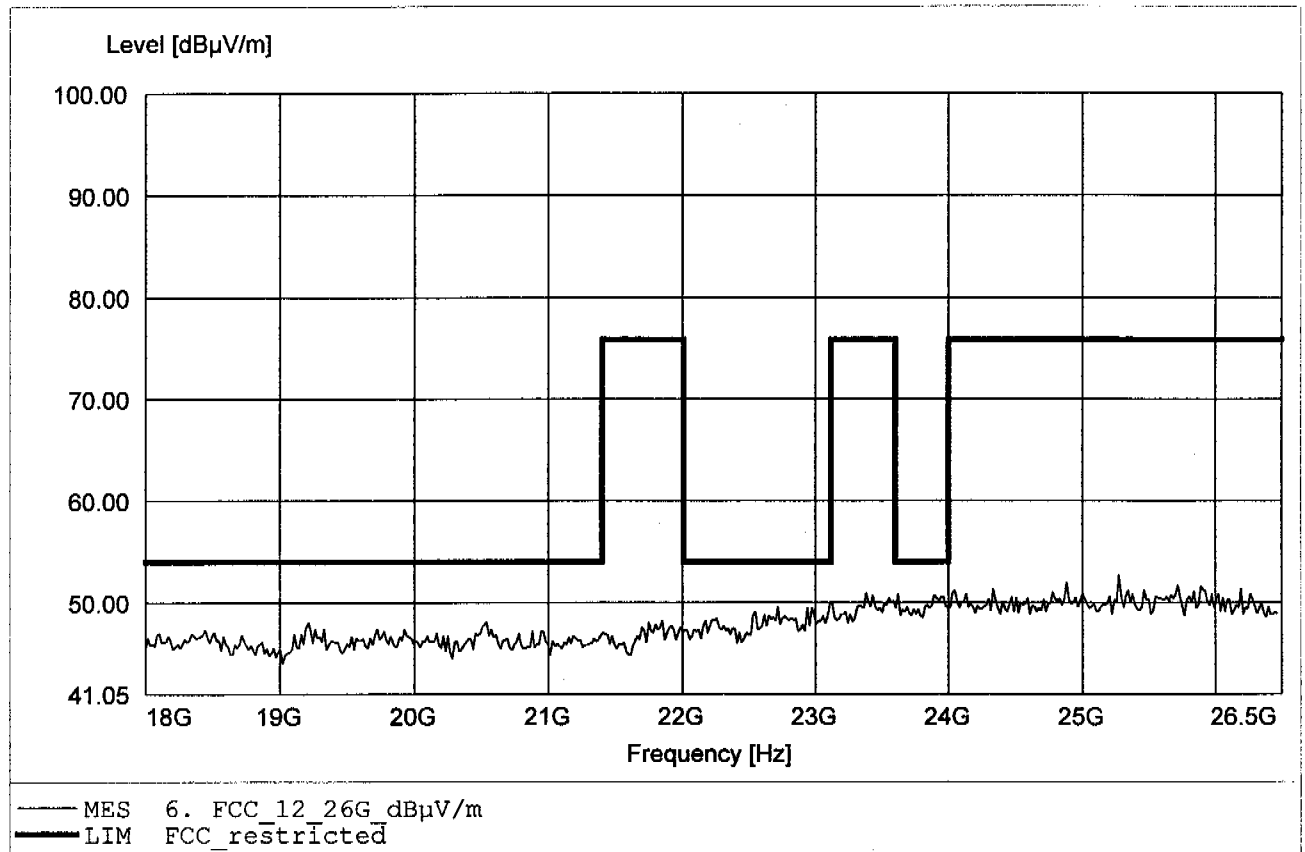
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:26.227GHz Emax:52.05dBµV/m RBW:1MHz



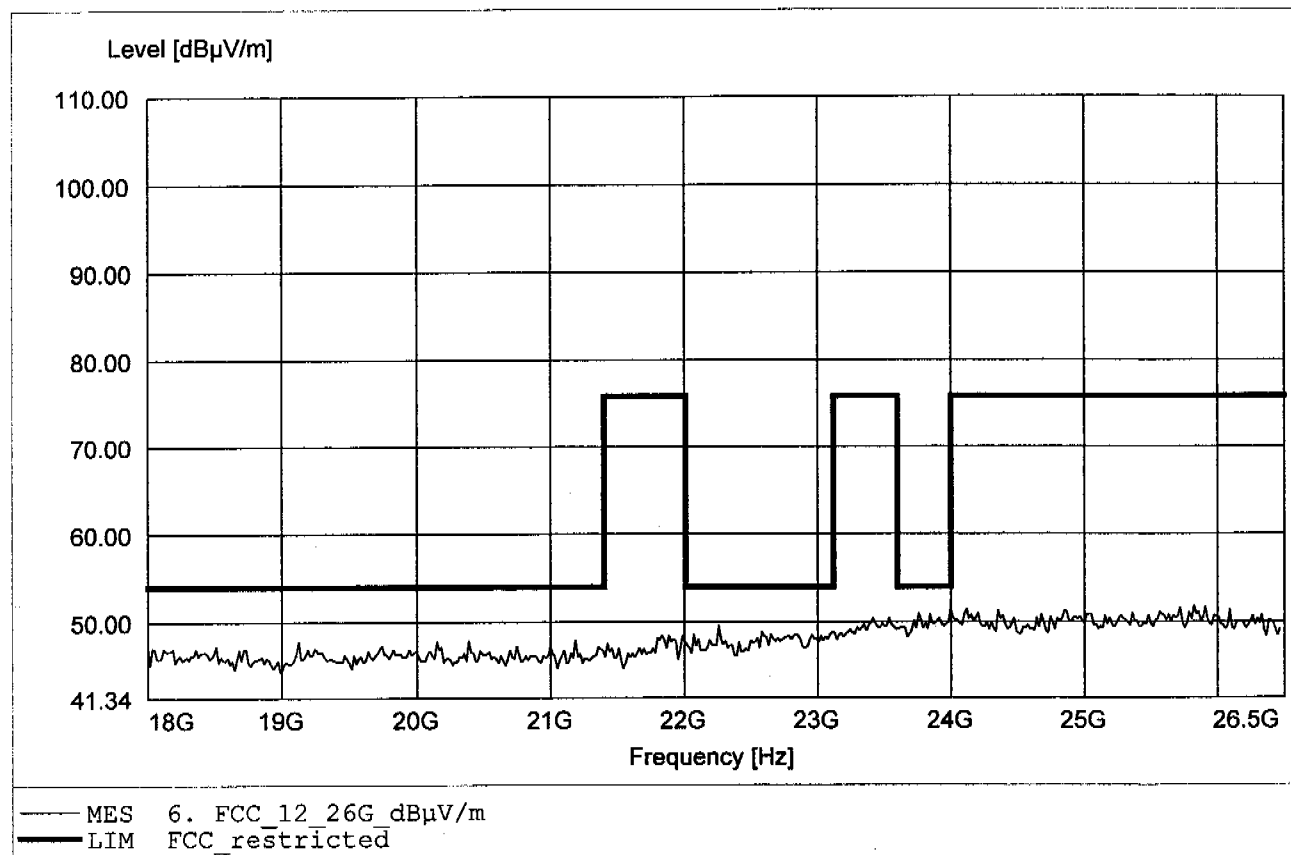
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2441 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25.274GHz Emax:52.71dBµV/m RBW:1MHz



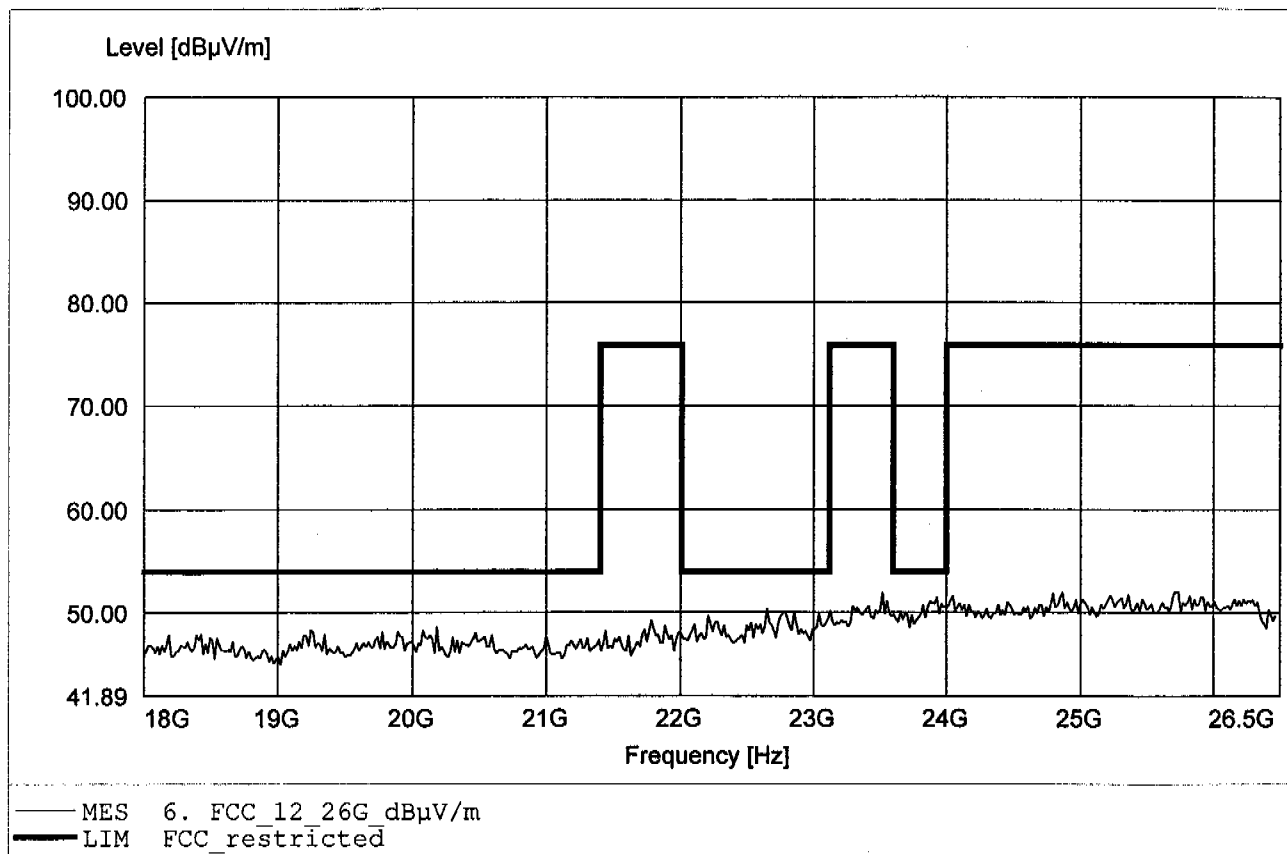
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25.819GHz Emax:51.81dBµV/m RBW:1MHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: PCMCIA-Card BL-500 (Pmax, 2480 MHz)
Applicant: Brain Boxes
Model :
Temperature/ Voltage: Tnom=25°C / Unom=230 V AC
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25.733GHz Emax:52.03dBµV/m RBW:1MHz



Appendix D

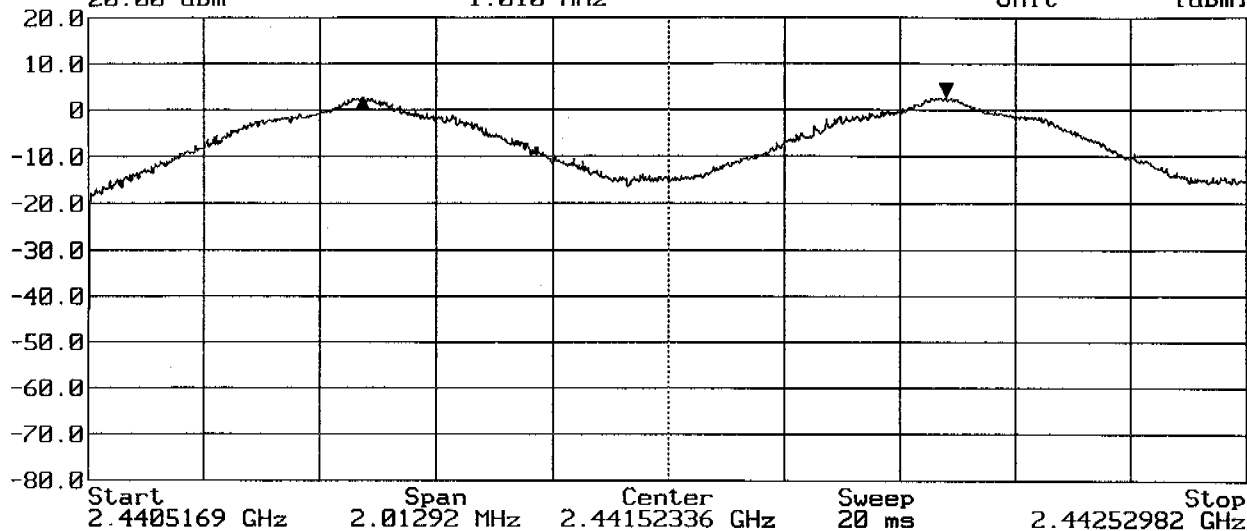
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



TRG
Date 02.May.'11 Time 08:31:05 Res.Bw 100.0 kHz[3dB] Vid.Bw 100 kHz
Ref.Lvl 20.00 dBm Delta -0.35 dB CF.Stp 201.292 kHz RF.Att 50 dB
Unit [dBm]



Appendix F

Number of Hopping Frequencies

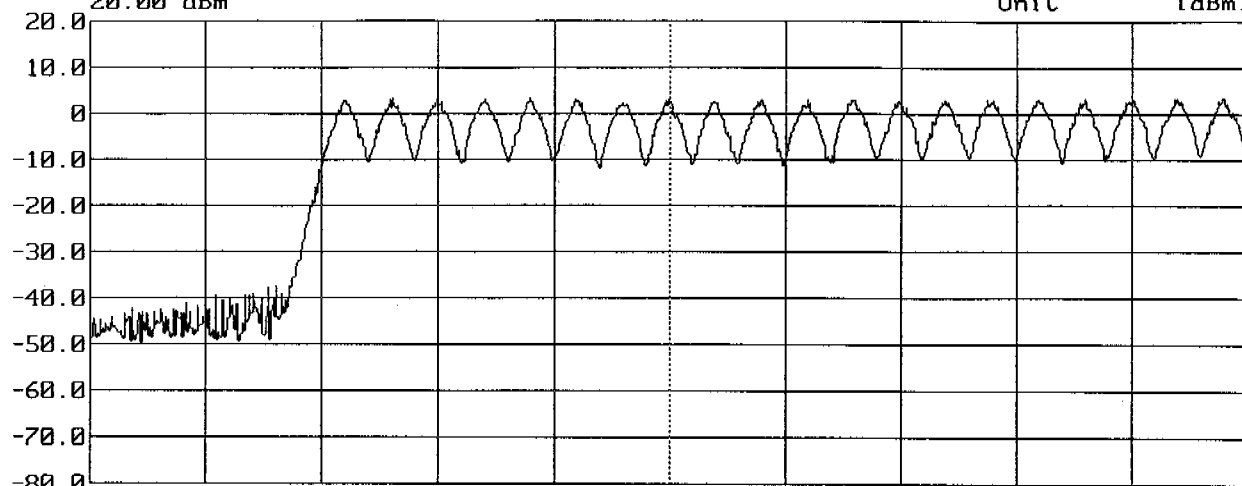


Date 02.May.'1 Time 07:44:01

Ref.Lvl
20.00 dBm

Res.Bw 300.0 kHz[3dB] Vid.Bw 300 kHz

CF.Stp 2.500 MHz RF.Att 30 dB
Unit [dBm]



Start
2.39652 GHz

Span
25 MHz

Center
2.40902 GHz

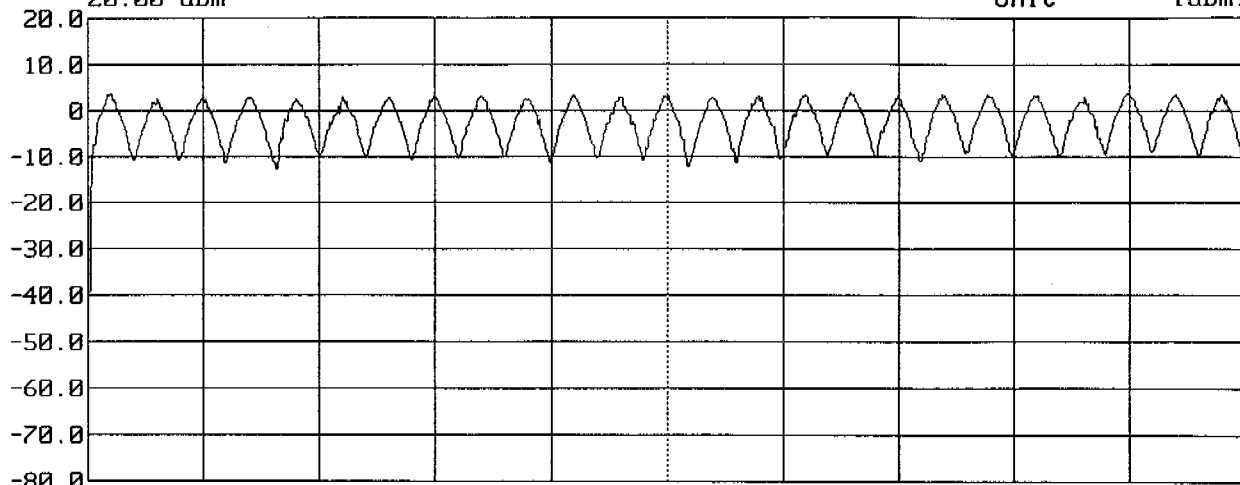
Sweep
20 ms

Stop
2.42152 GHz



Date 02.May.'1 TRG Time 08:48:25
Ref.Lvl
20.00 dBm

Res.Bw 300.0 kHz[3dB] Vid.Bw 300 kHz
CF.Stp 2.500 MHz RF.Att 30 dB
Unit [dBm]

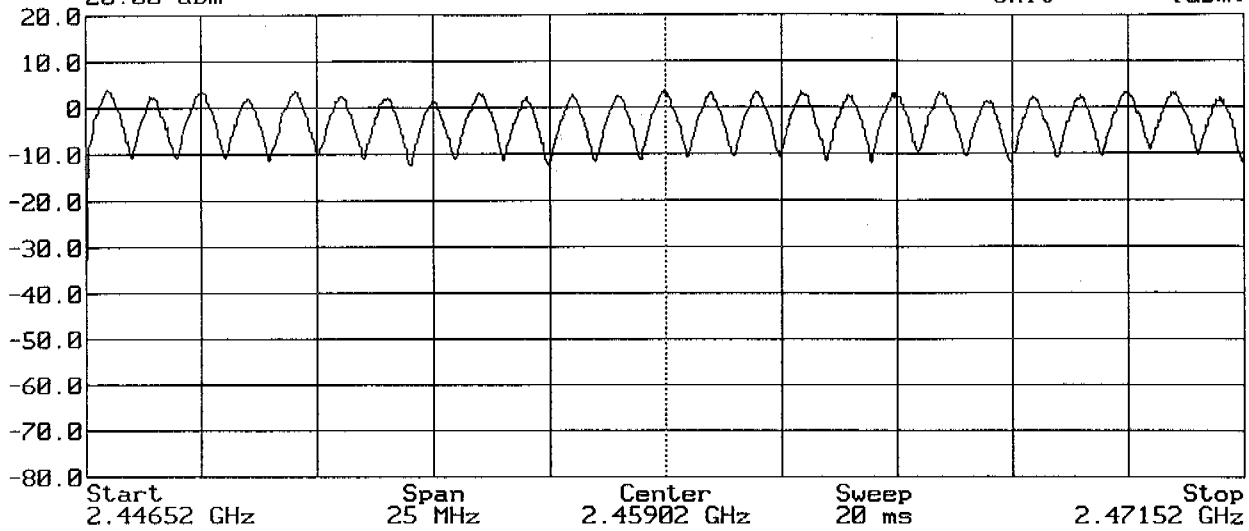


Start 2.42152 GHz Span 25 MHz Center 2.43402 GHz Sweep 20 ms Stop 2.44652 GHz



Date 02.May.'11 TRG
Time 09:01:38
Ref.Lvl
20.00 dBm

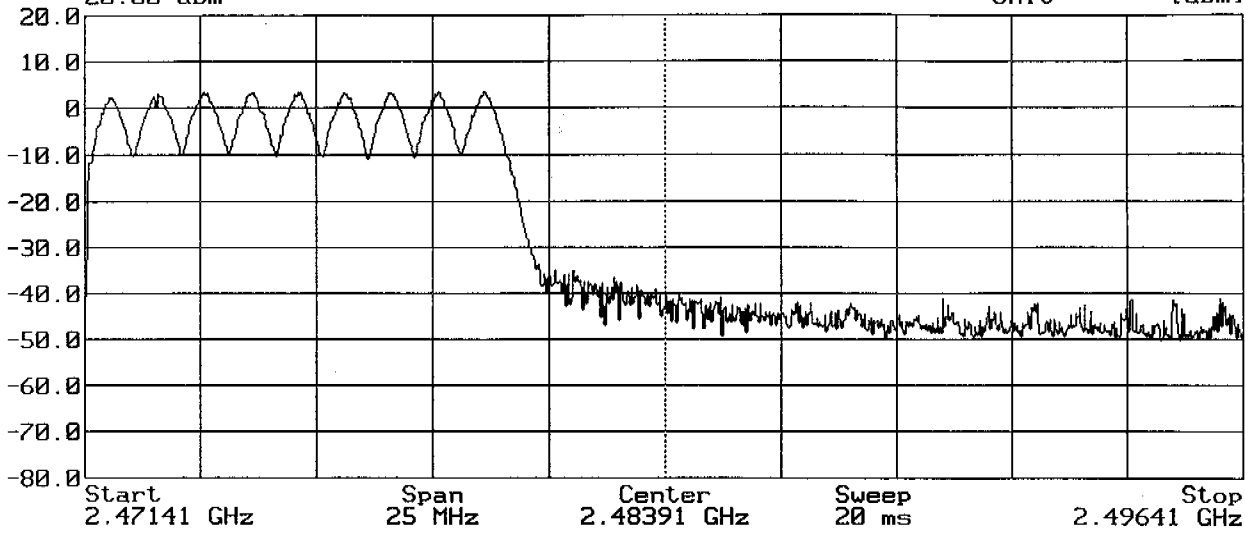
Res.Bw 300.0 kHz [3dB] Vid.Bw 300 kHz
CF.Stp 2.500 MHz RF.Att 30 dB
Unit [dBm]





Date 02.May.'11 Time 09:04:35
Ref.Lvl
20.00 dBm

Res.Bw 300.0 kHz[3dB] Vid.Bw 300 kHz
CF.Stp 2.500 MHz RF.Att 30 dB
Unit [dBm]

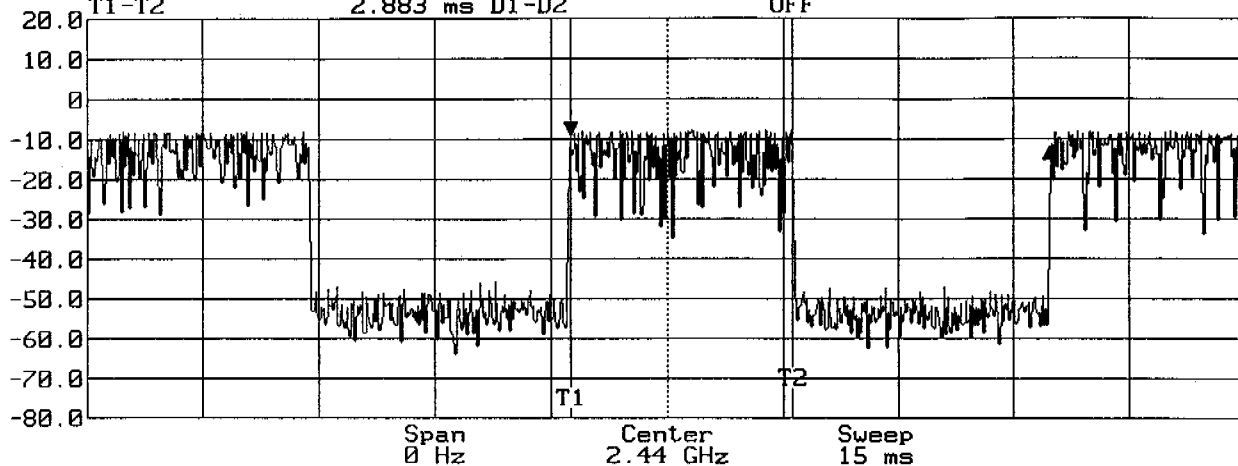


Appendix G

Time of Occupancy (Dwell Time)



Date 02.May.'11 Time 09:09:26 TRG Res.Bw 3.0 MHz[3dB] Vid.Bw 1 MHz
Ref.Lvl 20.00 dBm Delta -2.69 dB CF.Stp 300.000 kHz RF.Att 30 dB
Unit [dBm]
T1 6.250 ms D1 OFF
T2 9.133 ms D2 OFF
T1-T2 2.883 ms D1-D2 OFF



Appendix H

20dB Bandwidth

Next measurement will be running with the following parameter:

Voltage:	Middle
Temperature:	Middle
Power Mode:	Maximum Power
Measurement:	Conducted
EUT Test Mode:	Loopback
BI Data From File:	No
BI Signal Packet Type:	DH1
BI Signal Pattern:	PRBS 9
EUT Tx Frequency:	2402.000 MHz
EUT Rx Frequency:	2480.000 MHz
Measurement Frequency Start:	2401.000 MHz
Measurement Frequency Stop:	2403.000 MHz
BI Signalling Level:	-58.000 dBm

```
Operator intervention start at 2001-01-15, 18:25:14
Intervention Type 'Please bring the EUI into test mode LOOP BACK'
Operator intervention end at 2001-01-15, 18:25:38
Operator intervention start at 2001-01-15, 18:25:38
Intervention Type 'Please set the EUI to Maximum Power'
Operator intervention end at 2001-01-15, 18:25:39
Operator intervention start at 2001-01-15, 18:25:41
Intervention Type 'Please set the EUI TX Frequency to 2402.000000 MHz'
Operator intervention end at 2001-01-15, 18:25:47
Operator intervention start at 2001-01-15, 18:25:47
Intervention Type 'Please set the EUI RX Frequency to 2480.000000 MHz'
Operator intervention end at 2001-01-15, 18:25:49
Measured low bandwidth frequency: 2401.648 MHz
Measured high bandwidth frequency: 2402.564 MHz
```

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2402.000	20 dB Bandwidth	0.916 MHz	<= 1.000 MHz	PASS

Next measurement will be running with the following changed parameter:

EUT Tx Frequency:	2441.000	MHz
EUT Rx Frequency:	2402.000	MHz
Measurement Frequency Start:	2440.000	MHz
Measurement Frequency Stop:	2442.000	MHz

Operator intervention start at 2001-01-15 18:26:05
 Intervention type Please see the EUT TX
 Operator intervention end at 2001-01-15 18:26:27
 Operator intervention start at 2001-01-15 18:26:27
 Intervention type Please see the EUT RX
 Operator intervention end at 2001-01-15 18:26:28
 Measured high bandwidth frequency: 2440.692 MHz
 Measured high bandwidth frequency: 2441.538 MHz

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2441.000	20 dB Bandwidth	0.836 MHz	<= 1.000 MHz	PASS

Next measurement will be running with the following changed parameter:

EUT Tx Frequency:	2480.000	MHz
EUT Rx Frequency:	2480.000	MHz
Measurement Frequency Start:	2479.000	MHz
Measurement Frequency Stop:	2481.000	MHz
B1 Signalling Level:	-58.000	dBm

Operator intervention start at 2001-01-15, 18:28:20
 Intervention Type 'Please bring the EUT into test mode LOOP BACK'
 Operator intervention end at 2001-01-15, 18:28:22

ROHDE & SCHWARZ Certific. Bluetooth Test System TS8960 SW Version: bl_19
Program name: tc AllPower program revision: 1.65

All Power Measurement Test Cases

```
## Test Case started: 2001-01-15, 18:25:11
## Report File: /home/ts8960/project/ts8960/sw/ALE/tc/dat/P30280/P30280.mm.rep
## Eut File: P30280
## Operator's account name: ts8960
```

The selected options are:

short test run:	no
operator's intervention:	yes
operator's intervention only:	no
no prompt run mode:	no
part or all run mode:	part (5)

Extended intervention at:

compare:	no intervention
outside:	no intervention
fall:	no intervention
inconclusive:	no intervention
error:	program abort

Starting program tc_AllPower

Starting TC TX Output Spectrum - 20 dB Bandwidth (TRM/CA/05/C)

Test Specification RF: 0.9

FILT connected for Measurement and signalling at: SSCII-port 'MEASUREMENT DUT COND'

Next measurement will be running with the following EUT paramter:

Manufacturer: Brain Boxes
Model: PCMCIA BLUETOOTH DEVICES, BL500
Serial No: 0002
Comment: Class1: max 9 dBm

```
Country: All (except France)
Access Code from EUT: A059E5E328A41120D5 hex
Access Code from SU: A059E5E328A41120D5 hex
Lower Address Part: 122034
Upper Address Part: 37
None Significant Address Part: 0980
Active Member Address: 70
Burst Distance: 0 Time Slots
Trigger for SU: Not supported
```

Power Control:
Add. Transmission (Receive):
Add. Transmission (Transmit):
Longest Packet Type:

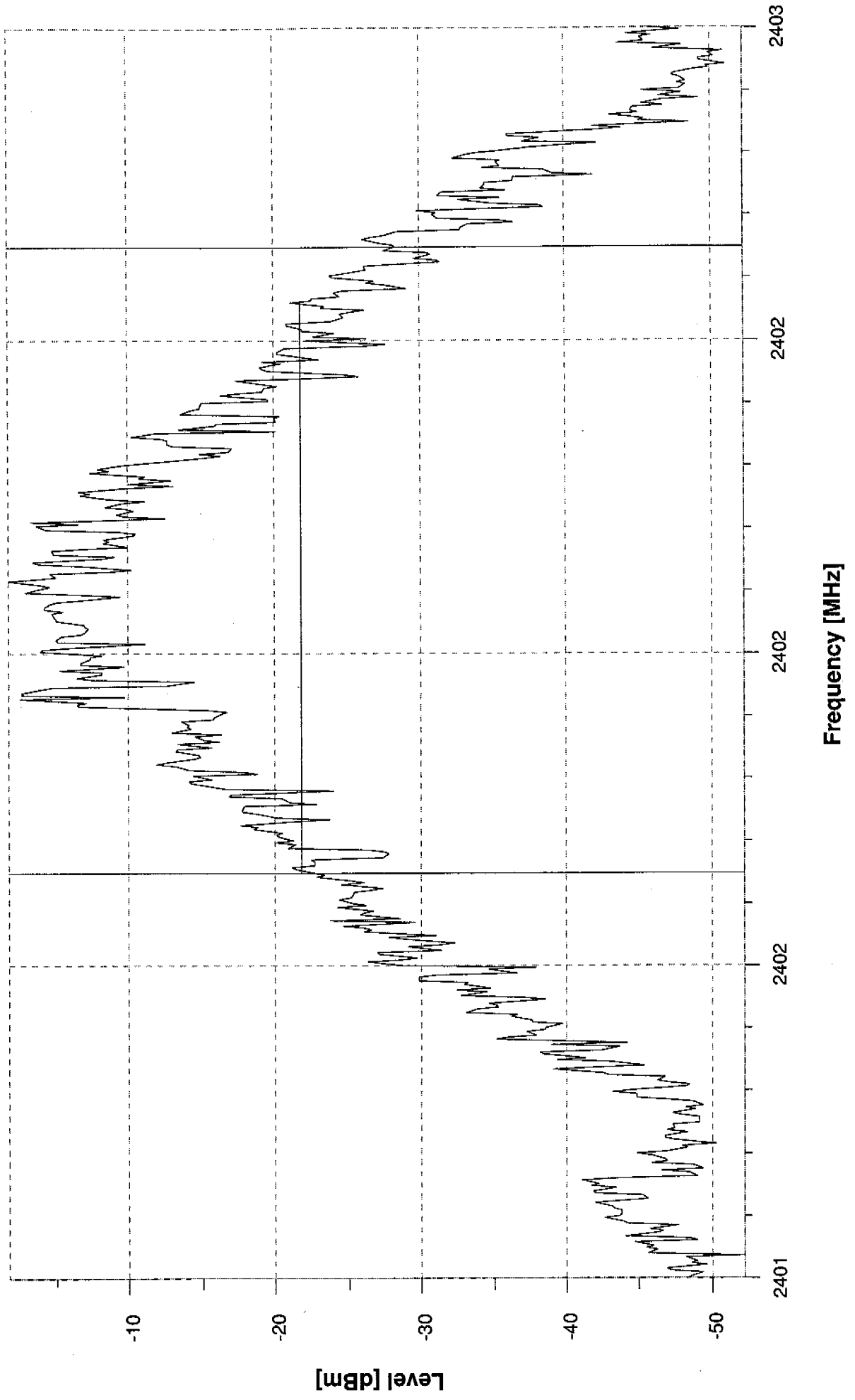
Operator intervention start at 2001-01-15, 18:28:22
 Intervention Type 'Please set the EUT to Maximum Power'
 Operator intervention end at 2001-01-15, 18:28:22
 Operator intervention start at 2001-01-15, 18:28:22
 Intervention Type 'Please set the EUT TX Frequency to 2480.000000 MHz'
 Operator intervention end at 2001-01-15, 18:28:27
 Operator intervention start at 2001-01-15, 18:28:27
 Intervention Type 'Please set the EUT RX Frequency to 2480.000000 MHz'
 Operator intervention end at 2001-01-15, 18:28:30
 Measured low bandwidth frequency: 2479.648 MHz
 Measured high bandwidth frequency: 2480.572 MHz

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2480.000	20 dB Bandwidth	0.924 MHz	<= 1.000 MHz	PASS

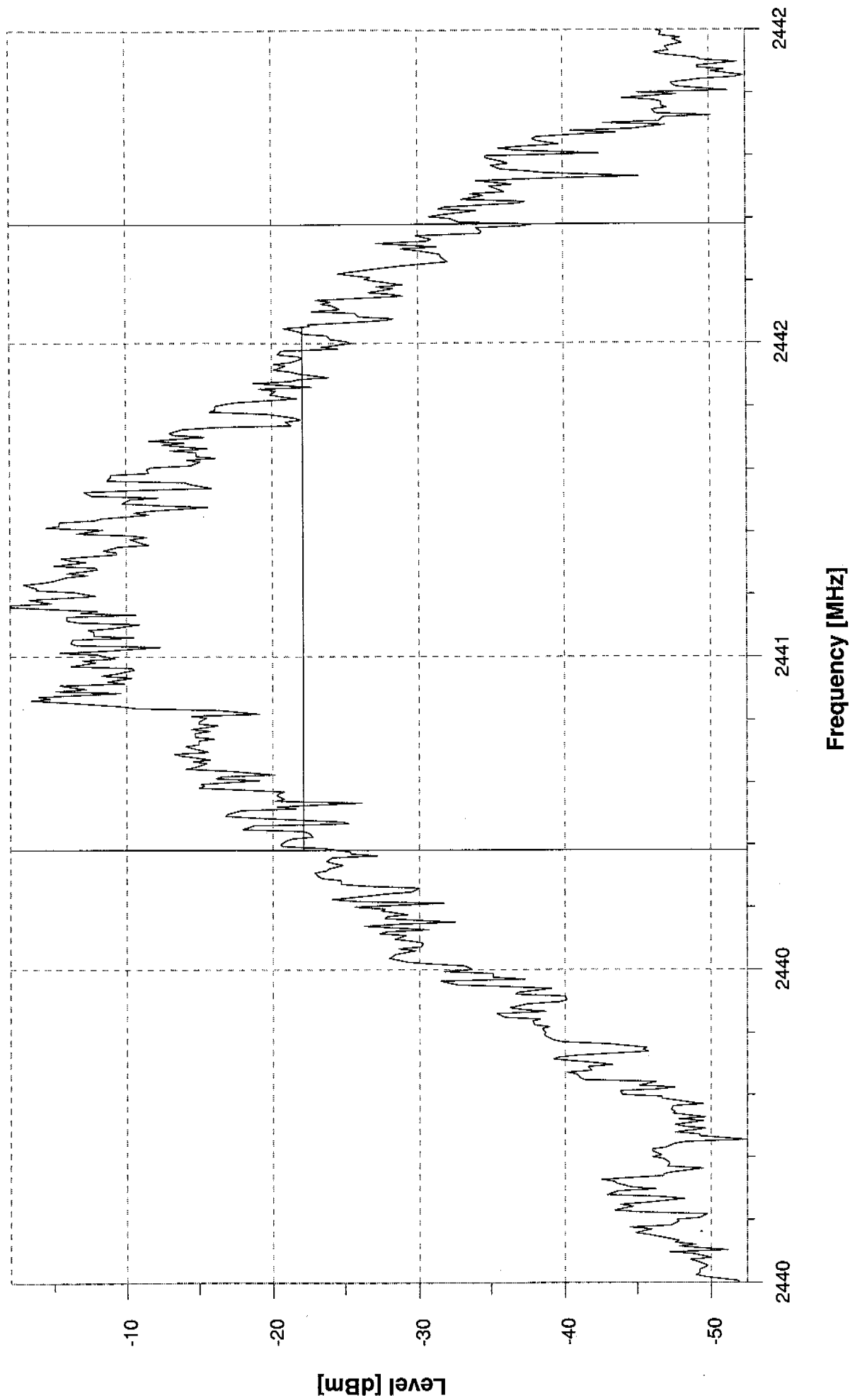
All selected TX Output Spectrum - 20 dB Bandwidth tests are completed

Final Test Case verdict: PASS
 # Report file closed at 2001-01-15, 18:28:46

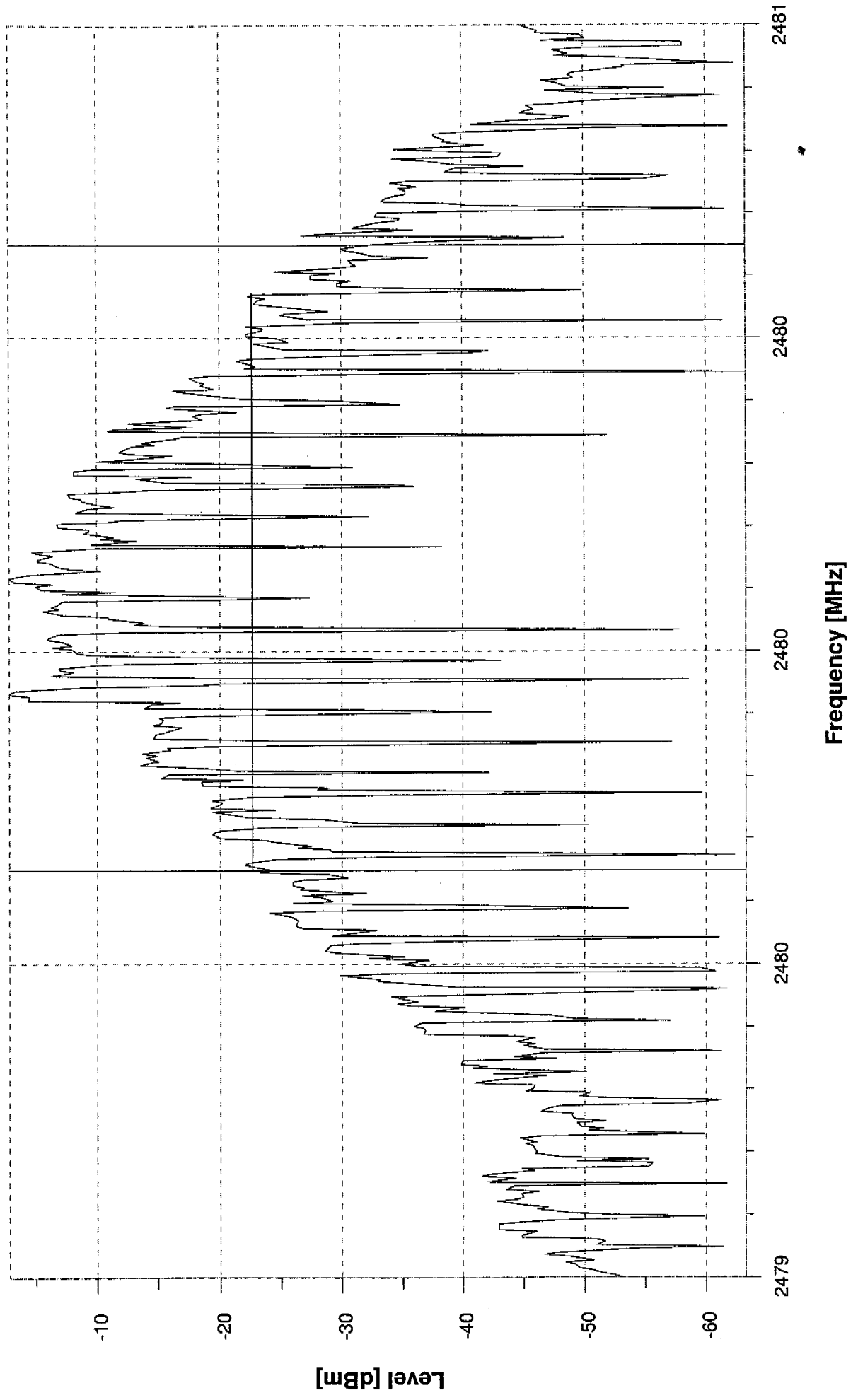
Results TC TX Output Spectrum - 20 dB Bandwidth -EUT TX Frequency 2402.000 MHz



Results TC TX Output Spectrum - 20 dB Bandwidth -EUT TX Frequency 2441.000 MHz



Results TC TX Output Spectrum - 20 dB Bandwidth -EUT TX Frequency 2480.000 MHz



Appendix I

Band-edge Compliance of RF Emissions

Next measurement will be running with the following parameter:

Voltage: Middle
Temperature: Middle
Power Mode: Maximum Power
Measurement: Conducted
EUT Test Mode: Loopback
BI Data From File: No
BI Signal Packet Type: DH1
BI Signal Pattern: PRBS 9
EUT Tx Frequency: 2402.000 MHz
EUT Rx Frequency: 2480.000 MHz
Measurement Frequency Start: 2401.000 MHz
Measurement Frequency Stop: 2403.000 MHz
BI Signalling Level: -58.000 dBm

Operator intervention start at 2001-01-15, 18:25:14
Intervention Type 'Please bring the EUT into test mode LOOP BACK'
Operator intervention end at 2001-01-15, 18:25:38
Operator intervention start at 2001-01-15, 18:25:38
Intervention Type 'Please set the EUT to Maximum Power'
Operator intervention end at 2001-01-15, 18:25:39
Operator intervention start at 2001-01-15, 18:25:41
Intervention Type 'Please set the EUT TX Frequency to 2402.000000 MHz'
Operator intervention end at 2001-01-15, 18:25:47
Operator intervention start at 2001-01-15, 18:25:47
Intervention Type 'Please set the EUT RX Frequency to 2480.000000 MHz'
Operator intervention end at 2001-01-15, 18:25:49
Measured low bandwidth frequency: 2401.948 MHz
Measured high bandwidth frequency: 2402.564 MHz

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2402.000	20 dB Bandwidth	0.916 MHz	<= 1.000 MHz	PASS

Next measurement will be running with the following changed parameter:

EUT Tx Frequency: 2441.000 MHz
EUT Rx Frequency: 2402.000 MHz
Measurement Frequency Start: 2440.000 MHz
Measurement Frequency Stop: 2442.000 MHz

Operator intervention start at 2001-01-15, 18:26:05
Intervention Type 'Please set the EUT TX Frequency to 2441.000000 MHz'
Operator intervention end at 2001-01-15, 18:26:27
Operator intervention start at 2001-01-15, 18:26:27
Intervention Type 'Please set the EUT RX Frequency to 2402.000000 MHz'
Operator intervention end at 2001-01-15, 18:26:28
Measured low bandwidth frequency: 2440.692 MHz
Measured high bandwidth frequency: 2441.528 MHz

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2441.000	20 dB Bandwidth	0.836 MHz	<= 1.000 MHz	PASS

Next measurement will be running with the following changed parameter:

EUT Tx Frequency: 2480.000 MHz
EUT Rx Frequency: 2480.000 MHz
Measurement Frequency Start: 2479.000 MHz
Measurement Frequency Stop: 2481.000 MHz
BI Signalling Level: -58.000 dBm

Operator intervention start at 2001-01-15, 18:28:20
Intervention Type 'Please bring the EUT into test mode LOOP BACK'
Operator intervention end at 2001-01-15, 18:28:22

=====

ROHDE & SCHWARZ Certific. Bluetooth Test System TS8960 SW Version: bl_19

=====

Program name: tc_AllPower

#

All Power Measurement Test Cases

#

=====

=====

Test Case started: 2001-01-15, 18:25:11

Report File: /home/ts8960/project/ts8960/sw/ALE/tc/dat/P30280/P30280.mm.rep

Eut File: P30280

Operator's account name: ts8960

=====

The selected options are:

short test run: no
operator's intervention: yes
operator's intervention only: no
no prompt run mode: no
part or all run mode: part (5)

Extended intervention at:
compare: no intervention
outside: no intervention
fail: no intervention
inconclusive: no intervention
error: program abort

Starting program tc_AllPower

Starting TC TX Output Spectrum - 20 dB Bandwidth (TRM/CA/05/C)

Test Specification RF: 0.9

EUT connected for Measurement and Signalling at: SSCU-Port 'MEASUREMENT DUT COND'

Next measurement will be running with the following EUT parameter:

Manufacturer: Brain Boxes
Model: PCMCIA BLUETOOTH DEVICES, BL500
Serial No: 0002
Comment: Class1; max 9 dBm

Country: All (except France)
Access Code from EUT: AD59E5328A41120D5 hex
Access Code from SU: AD59E5328A41120D5 hex
Lower Address Part: 122094
Upper Address Part: 37
None Significant Address Part: 0080
Active Member Address: 70
Burst Distance: 0
Time Slots: Not supported
Irigger for SU: Supported
Power Control: 0.000 dB
Add. Transmission (Receive): 0.000 dB
Add. Transmission (Transmit): 0.000 dB
Longest Packet Type: DH5

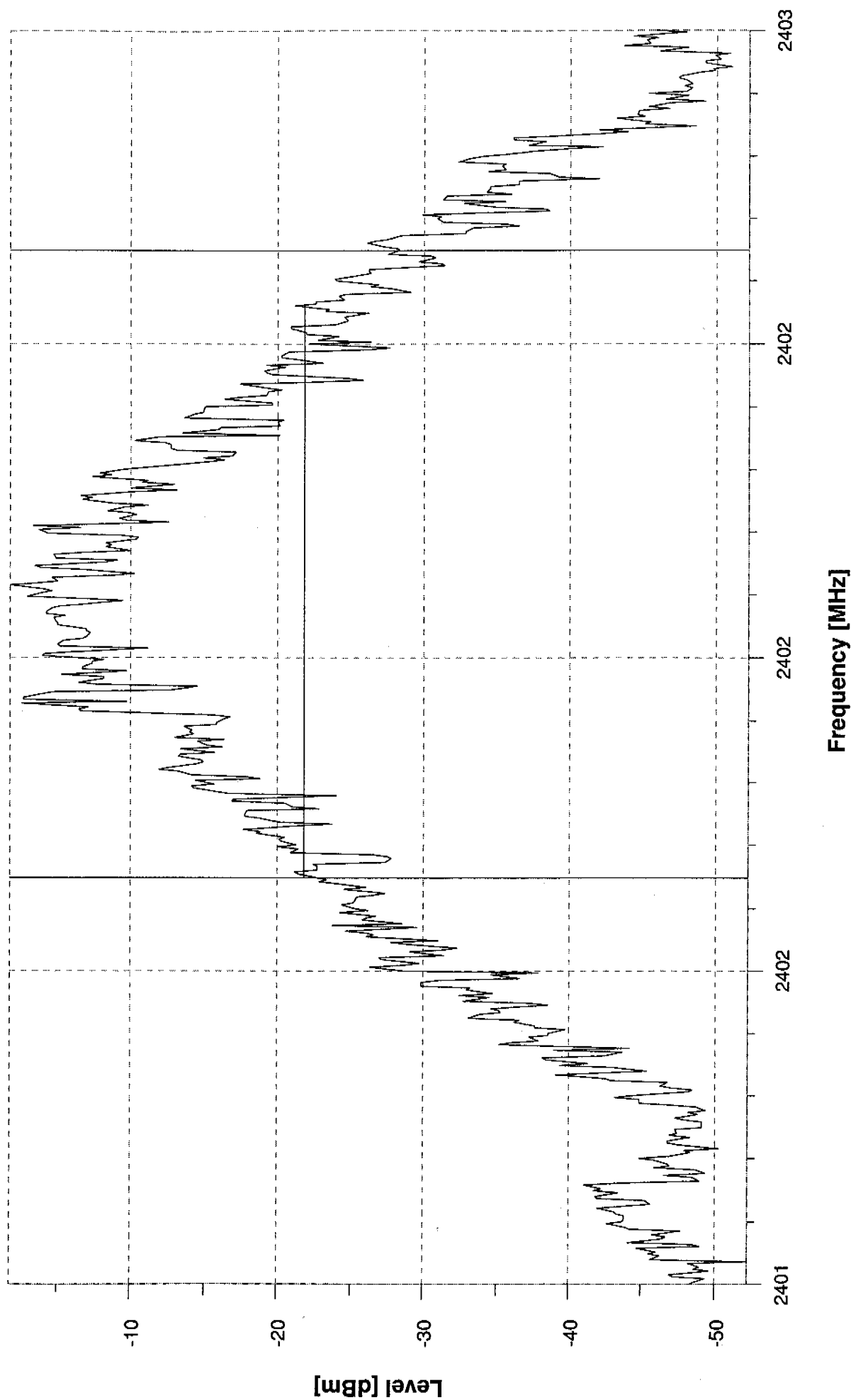
Operator intervention start at 2001-01-15, 18:28:22
Intervention Type 'Please set the EUT to Maximum Power'
Operator intervention end at 2001-01-15, 18:28:22
Operator intervention start at 2001-01-15, 18:28:24
Intervention Type 'Please set the EUT TX Frequency to 2480.000000 MHz'
Operator intervention end at 2001-01-15, 18:28:27
Operator intervention start at 2001-01-15, 18:28:27
Intervention Type 'Please set the EUT RX Frequency to 2480.000000 MHz'
Operator intervention end at 2001-01-15, 18:28:30
Measured low bandwidth frequency: 2479.648 MHz
Measured high bandwidth frequency: 2480.572 MHz

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2480.000	20 dB Bandwidth	0.924 MHz	<= 1.000 MHz	PASS

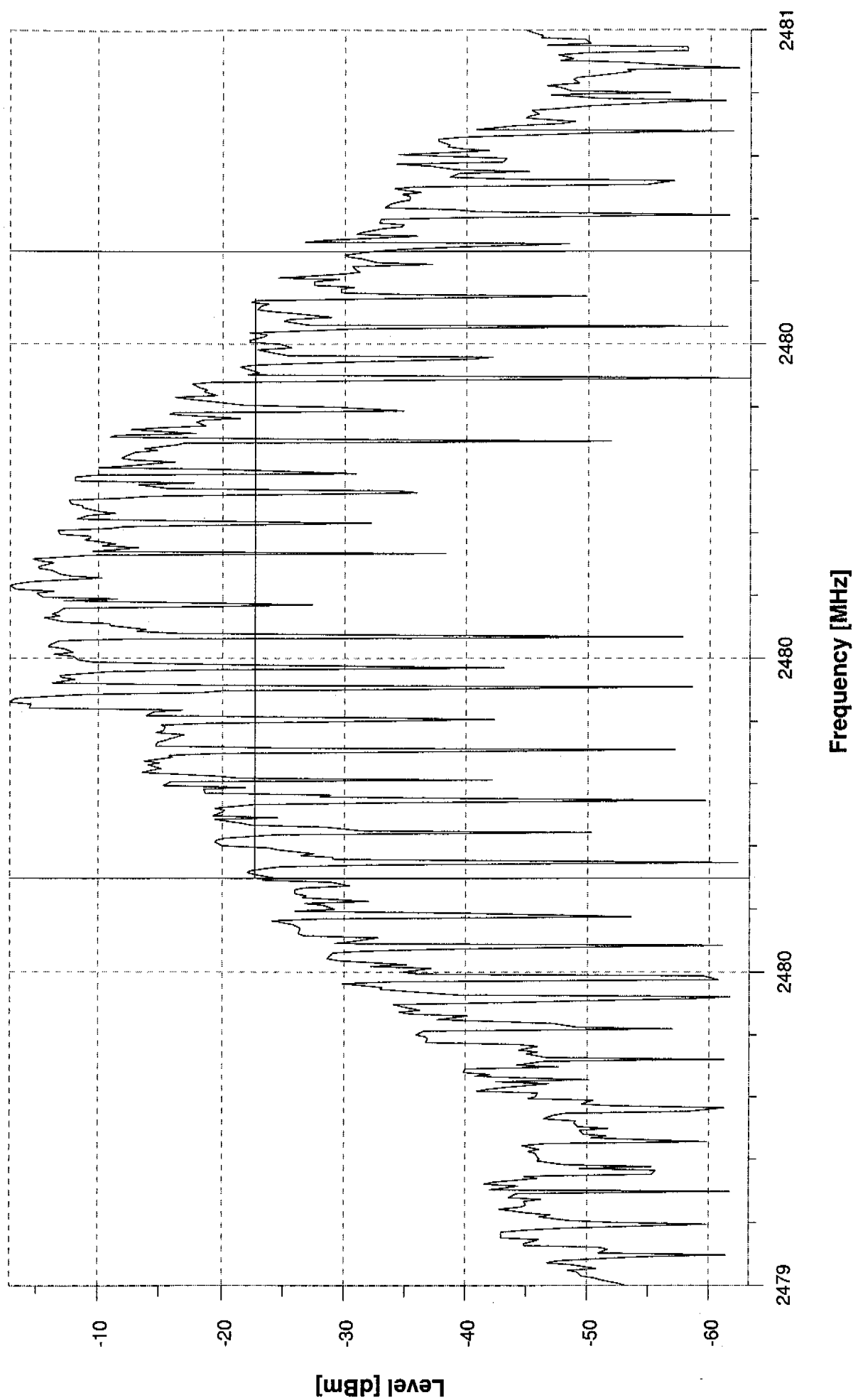
All selected TX Output Spectrum - 20 dB Bandwidth tests are completed

Final Test Case verdict: PASS
Report file closed at 2001-01-15, 18:28:46
#

Results TC TX Output Spectrum - 20 dB Bandwidth -EUT TX Frequency 2402.000 MHz



Results TC TX Output Spectrum - 20 dB Bandwidth -EUT TX Frequency 2480.000 MHz



Appendix J

Conducted Measurement at (AC) Power Line

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

EUT: PCMCIA-CARD
Manufacturer: BRAIN BOXES
Operating Condition: Unom: +6VDC , Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH3-Z5
Comment: model: BL-500

