

Appendix B

Peak Output Power

```

=====
ROHDE & SCHWARZ Certific. Bluetooth Test System TS8960 SW Version: bl_22
=====
Program name: tc_AllPower          Program revision: 1.83
.      All Power Measurement Test Cases
=====
Test Case started: 2001-03-30, 10:10:42 (ets_1)
Report File: /home/ts8960/project/ts8960/sw/ALE/tc/dat/BUL565_CF/BUL565_CF.mm.rep
=====

```

All Power Measurement Test Cases

Test Case started: 2001-03-30, 10:10:42 (ets_1)

Report File: /home/

Eut File: BL565_CF

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

```
Some of the requested devices are Not Present >>>WARNING<<<
```

```
>>>WARNING<<<  
NGSM A Not Present, not initialized  
>>>WARNING<<<  
NGSM B Not Present, not initialized  
>>>WARNING<<<  
CLIMA_RUS Not Present, not initialized  
Operator intervention start at 2001-03-30, 10:10:43  
Intervention Type 'Please reset the EUR'  
Operator intervention end at 2001-03-30, 10:10:45
```

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

Test Specification RF: 0.9

OUT connected for Measurement and Signalling at: SSCU-Port, 'MEASUREMENT DOT COND',

Next measurement will be running with the following EUT paramter:

```

Manufacturer:
Model:
Serial No:
Comment:
Getup mode:
Test Mode Handle:
Country:
Brain Boxes
BL S65 Compact Flash
sample 1
class 1
Interim Testing
Every Parameter Set
All (except France)

```

EUT Address:	0000000026BC6967E hex
Rester Address:	0000008037122094 hex
Active Member Address:	000000007 hex
Access Code from EUT:	A059EE5328A4112005 hex
Access Code from SU:	A059EE5328A4112005 hex
Burst Distance:	10 Time Slots
Trigger for SU:	Not supported
Power Class:	1
Power Control:	Supported
Gain:	0.000 dBi
Add. Transmission (Receive):	0.000 dB
Add. Transmission (Transmit):	0.000 dB
Longest Packet Type:	DH5
Unmod. part before Mod.:	15.000 us
Unmod. part after Mod.:	0.000 us
Payload Length DH1:	216 Bits
Payload Length DH3:	1464 Bits
Payload Length DH5:	2712 Bits
Voltage Value 1:	230.000 Volt
Voltage Value 2:	0.000 Volt
Temperature:	25.000 Deg C

Next measurement will be running with the following parameter:

Voltage:	Middle
Temperature:	Middle
Power Mode:	Maximum Power
Measurement:	Conducted
EUR test Mode:	Loopback
B1 Data from File:	DR5
B1 Signal Packet Type:	No
B1 Signal Pattern:	PRBS 9
Whitening:	Yes
Number of Packets:	1
EUR Tx Frequency:	2402.000 MHz
EUR Rx Frequency:	2480.000 MHz
B1 Signalling Level:	-58.000 dBm

Operator intervention start at 2001-03-30, 10:10:48
 Intervention Type 'please bring the EUT into test mode LOOP BACK'

```

Operator intervention type 'please stop' at 2001-03-30, 10:10:50
Operator intervention end at 2001-03-30, 10:10:50
Operator intervention start at 2001-03-30, 10:10:57
Operator intervention type 'please set the EUT TX frequency to 2402.000000 MHz'
at 2001-03-30, 10:10:58
Operator intervention end at 2001-03-30, 10:10:58
Operator intervention start at 2001-03-30, 10:10:58
Operator intervention type 'please set the EUT RX frequency to 2480.000000 MHz'
at 2001-03-30, 10:10:59
Operator intervention end at 2001-03-30, 10:10:59

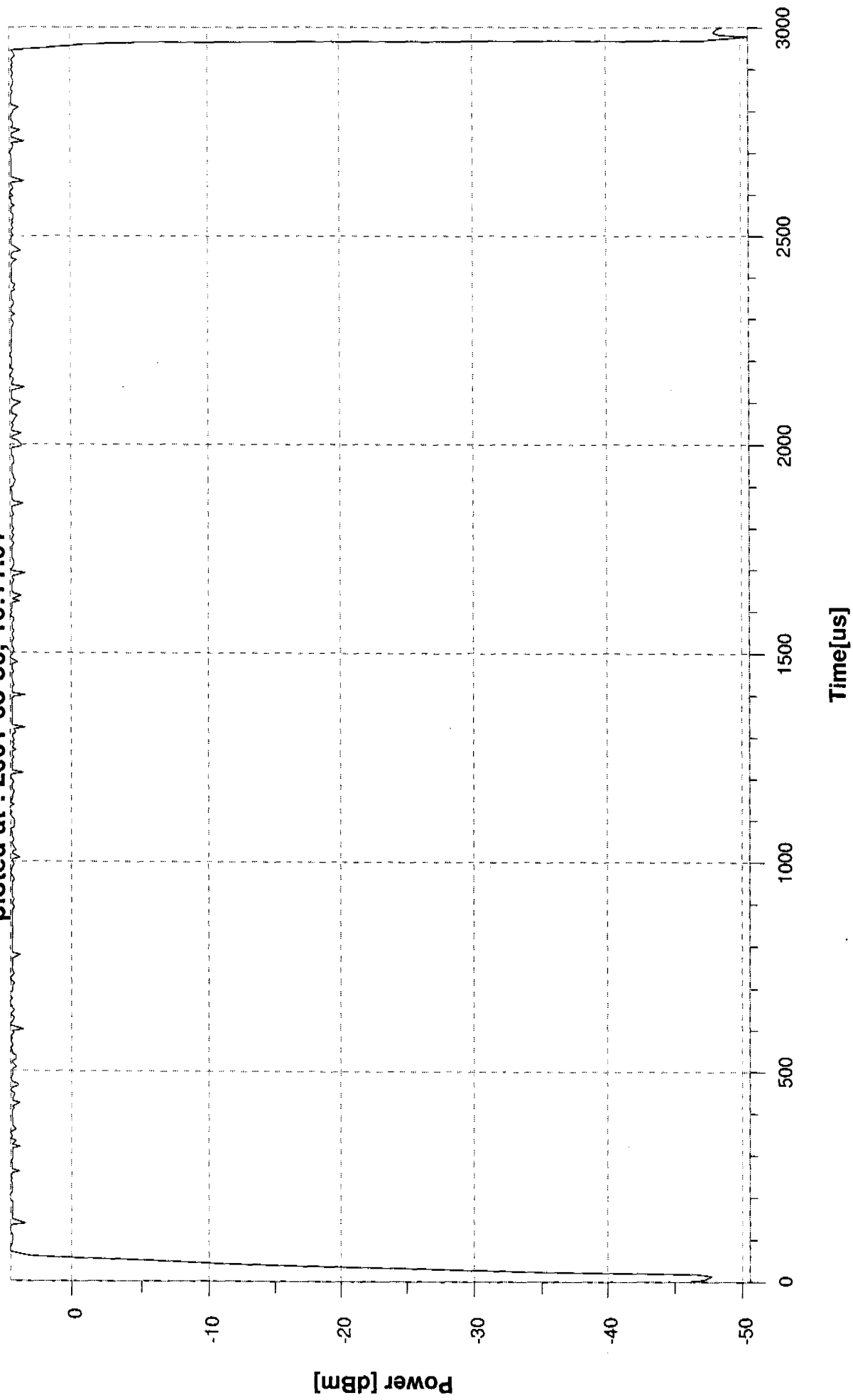
```

TX FREQ [MHz]	RX FREQ [MHz]	MEAS FREQ [MHz]	MEASUREMENT	LEVEL [dBm]	LIMIT [dBm]	VERDICT
2402.000	2480.000	2402.000	Average (+ gain)	4.37 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	4.37 <	23.00	PASS
2402.000	2480.000	2402.000	Average	4.59 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:11:02						
Operator intervention Type 'Please set the EUT TX Frequency to 2441.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	6.09 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	6.36 <	23.00	PASS
2402.000	2480.000	2402.000	Average	6.09 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:11:19						
Operator intervention Type 'Please set the EUT TX Frequency to 2480.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:11:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:11:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:11:55						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:12:07						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:12:19						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:12:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:12:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:12:55						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:13:07						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:13:19						
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2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:13:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:13:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:13:55						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:14:07						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:14:19						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:14:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:14:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:14:55						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:15:07						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:15:19						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:15:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:15:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:15:55						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:16:07						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:16:19						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:16:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:16:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:16:55						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:17:07						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:17:19						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:17:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:17:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:17:55						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:18:07						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:18:19						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:18:31						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30, 10:18:43						
Operator intervention Type 'Please set the EUT RX Frequency to 2402.0000000 MHz'						
2402.000	2480.000	2402.000	Average (+ gain)	10.11 <	20.00	PASS
2402.000	2480.000	2402.000	Peak (+ gain)	10.11 <	23.00	PASS
2402.000	2480.000	2402.000	Average	10.11 >	0.00	PASS
Operator intervention start at 2001-03-30,						

Mar 30 2001 10:15		/tmp/01205aaa		Page 3	
2480.000	2402.000	2480.000	Average (+ gain)	7.28 < 20.00	PASS
2480.000	2402.000	2480.000	Peak (+ gain)	7.54 < 23.00	PASS
2480.000	2402.000	2480.000	Average	7.28 > 0.00	PASS
=====					
All selected Output Power tests are completed					
=====					
#					
# Final Test Case verdict: PASS					
# Report file closed at 2001-03-30, 10:11:32					
#					
=====					

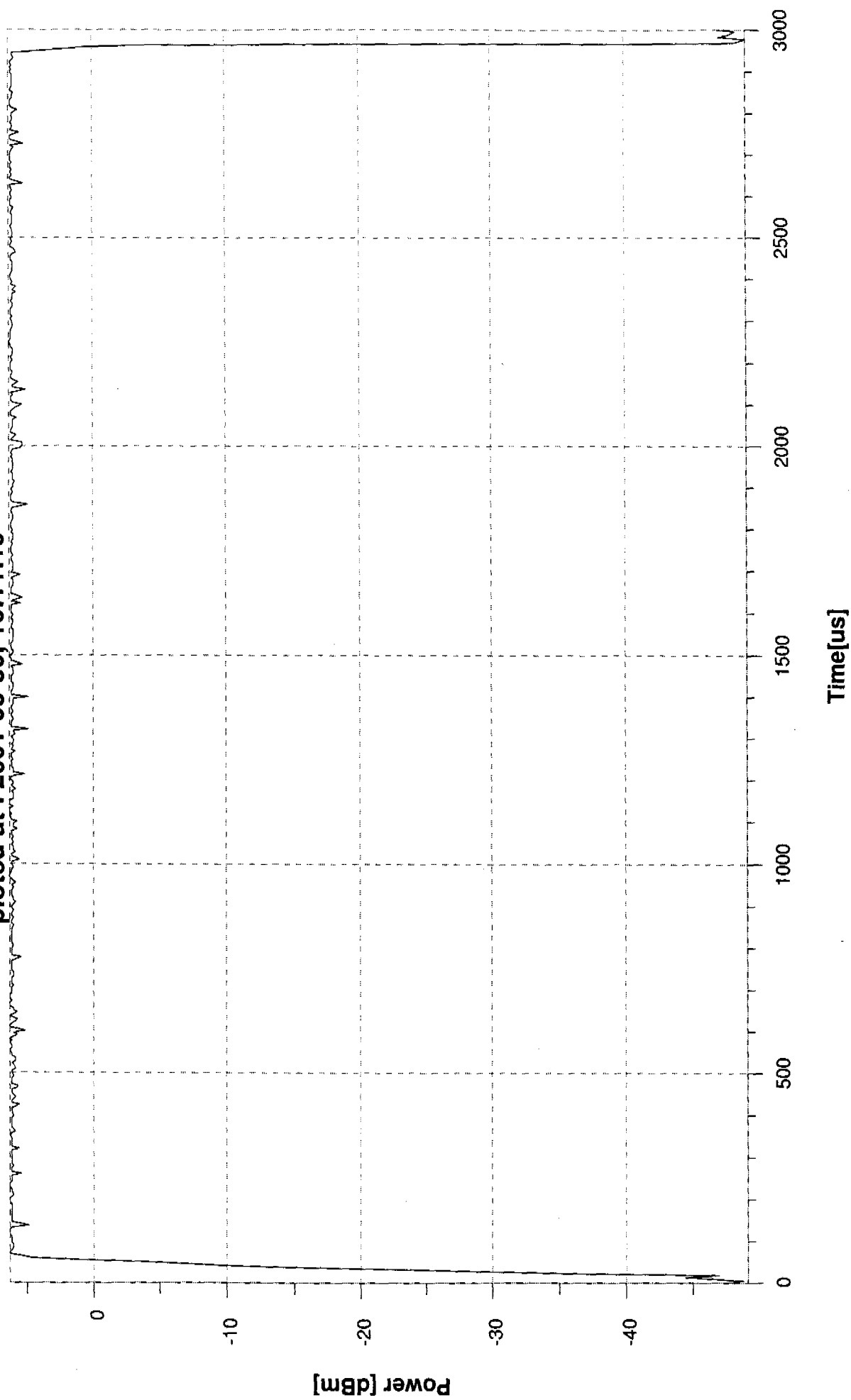
Measured Burst TC Output Power -Measured EUT: BL565_CF -EUT TX Frequency 2402.000 MHz

plotted at : 2001-03-30, 10:11:01



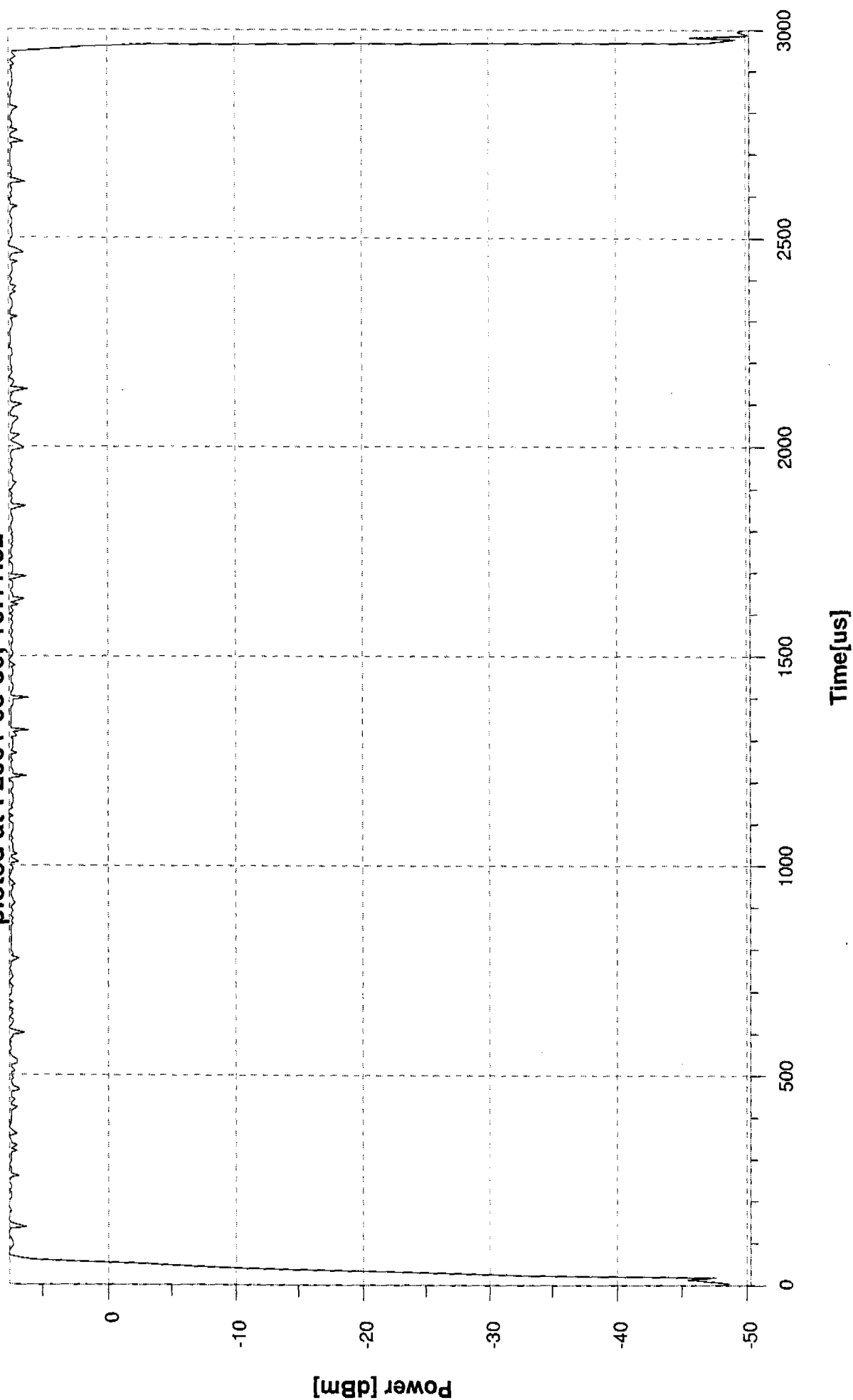
Measured Burst TC Output Power -Measured EUT: BL565_CF -EUT TX Frequency 2441.000 MHz

plotted at : 2001-03-30, 10:11:19



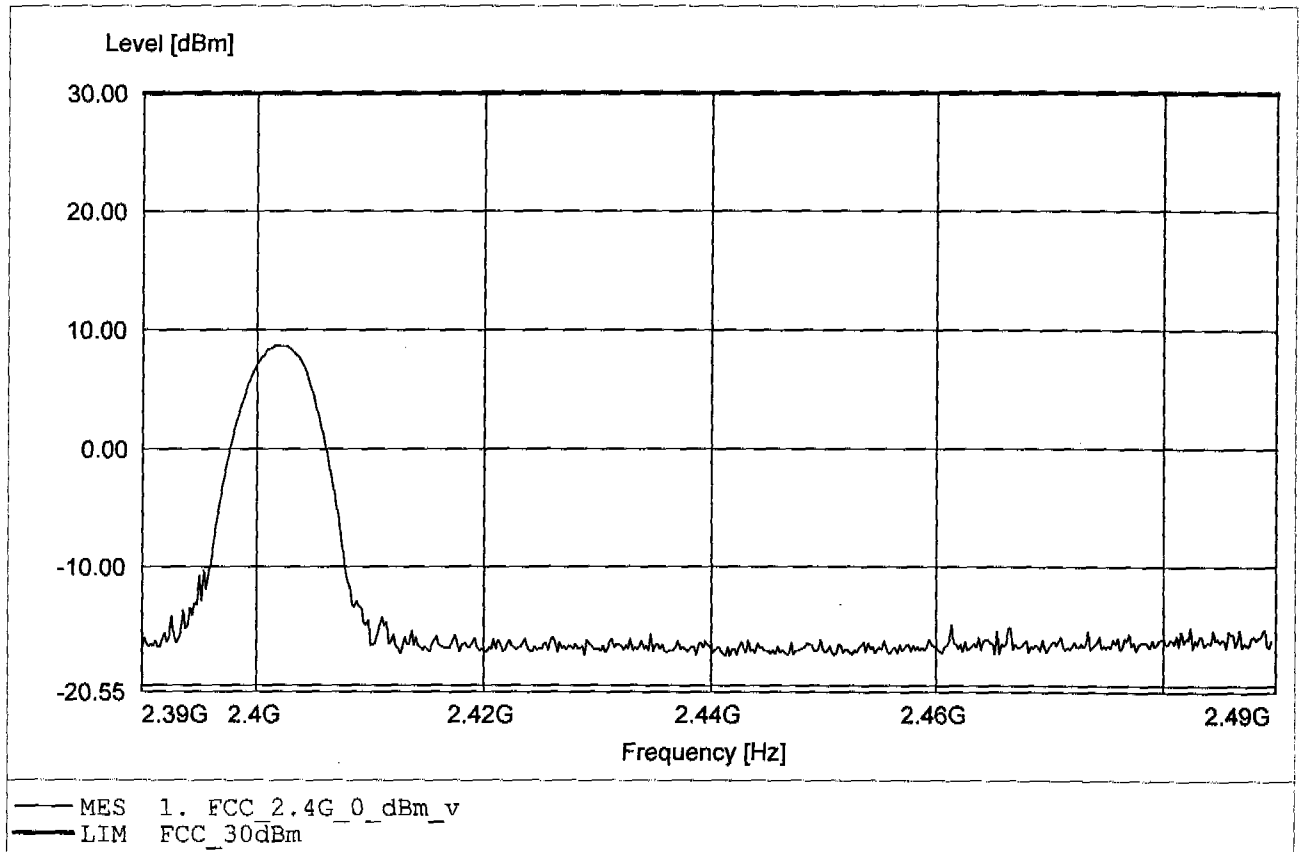
Measured Burst TC Output Power -Measured EUT: BL565_CF -EUT TX Frequency 2480.000 MHz

plotted at : 2001-03-30, 10:11:32



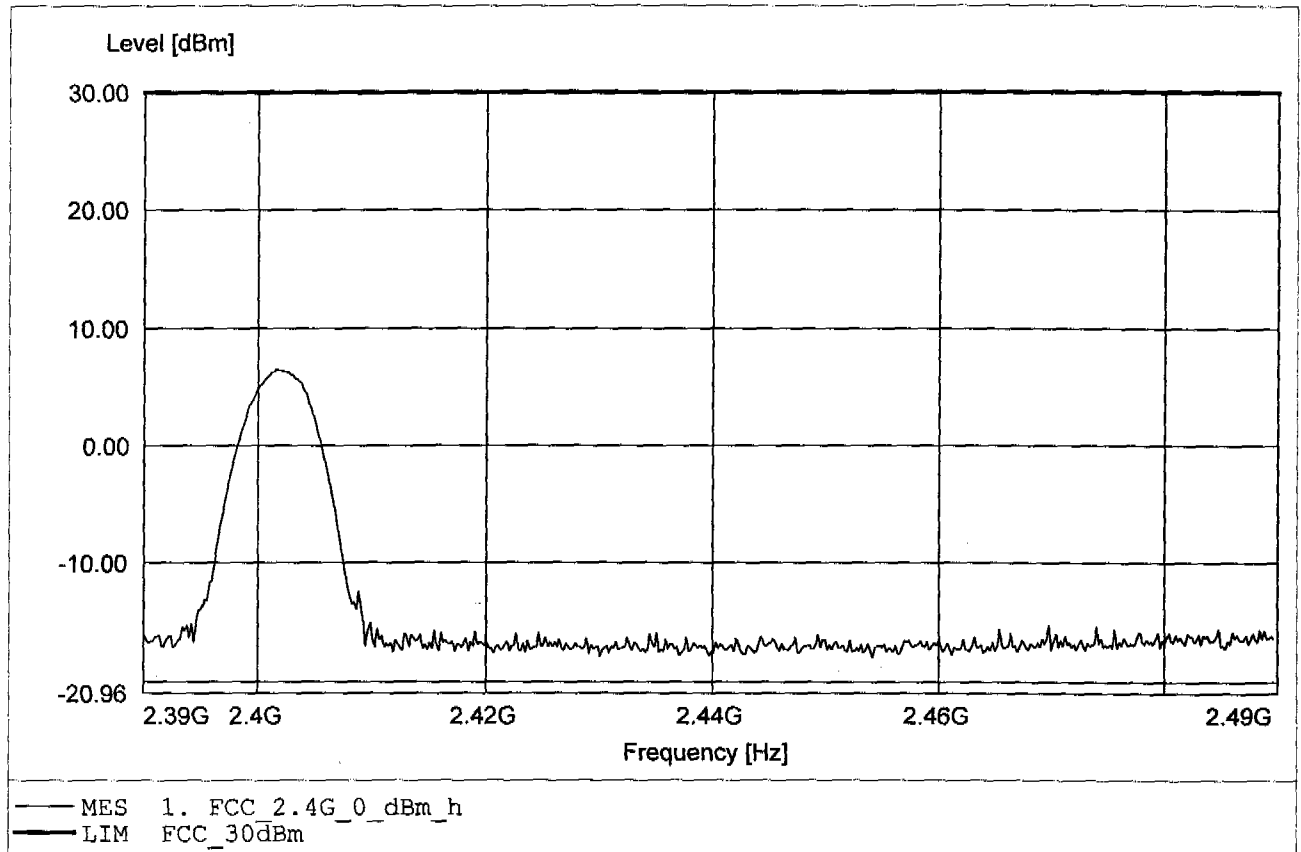
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2402 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2402,42MHz Pmax:8,68dBm RBW:4MHz



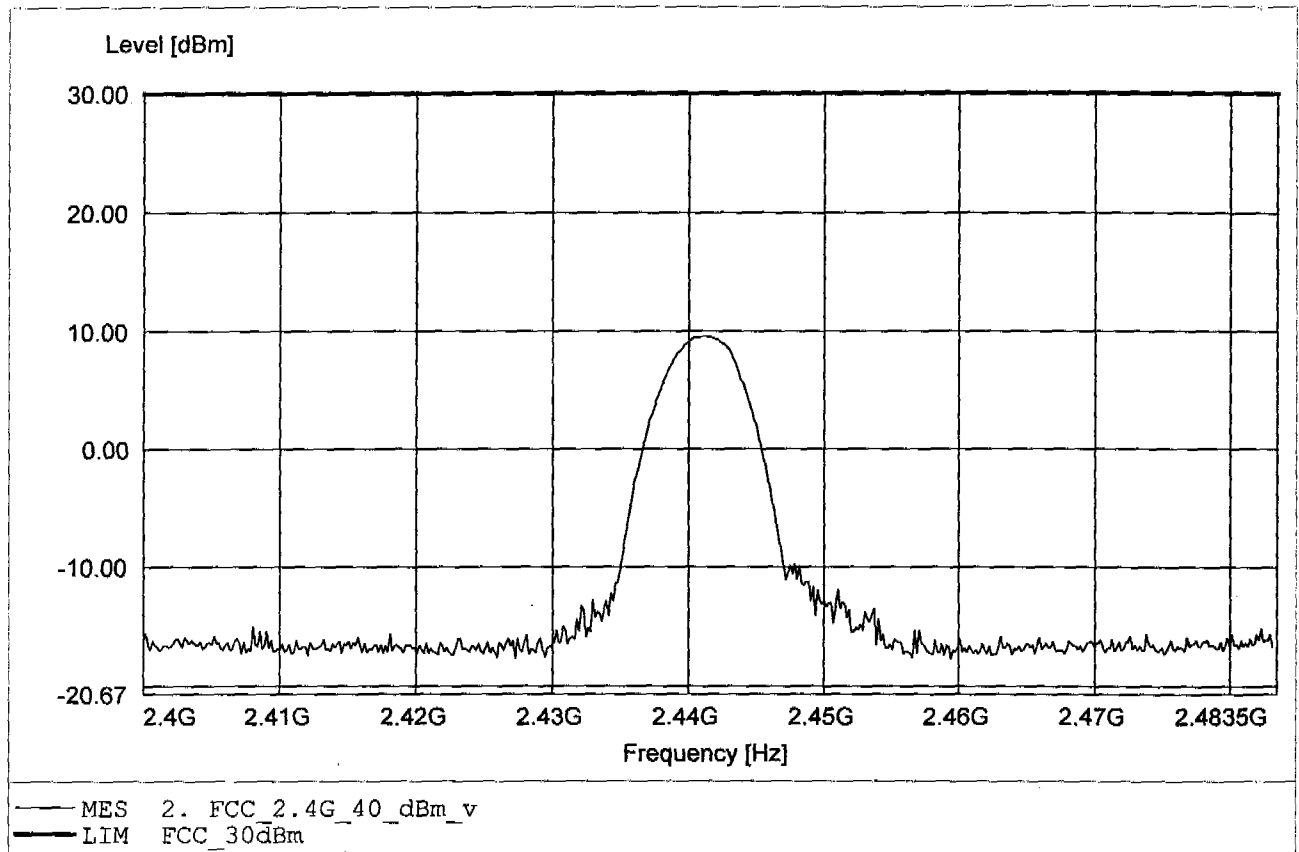
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2402 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2401,62MHz Pmax:6,46dBm RBW:4MHz



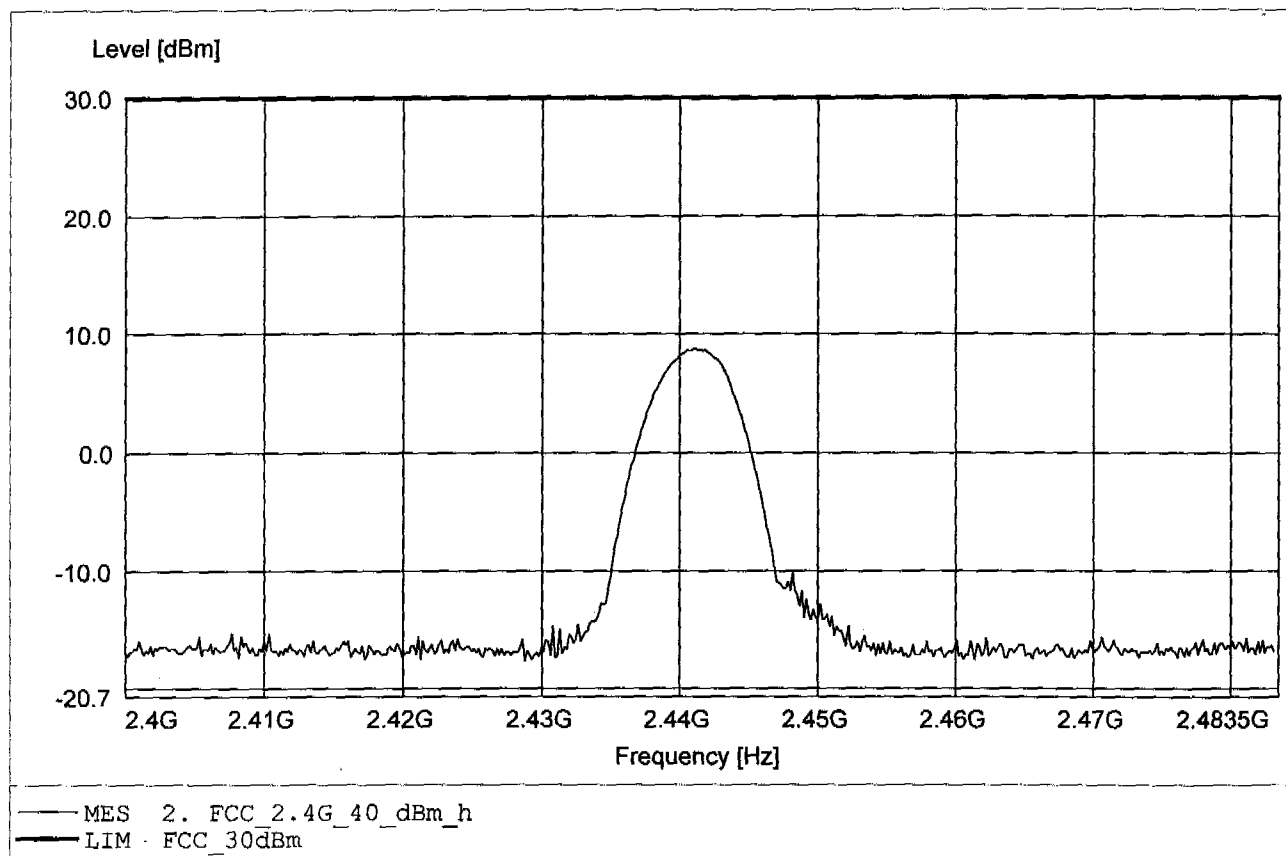
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2441,49MHz Pmax:9,56dBm RBW:4MHz



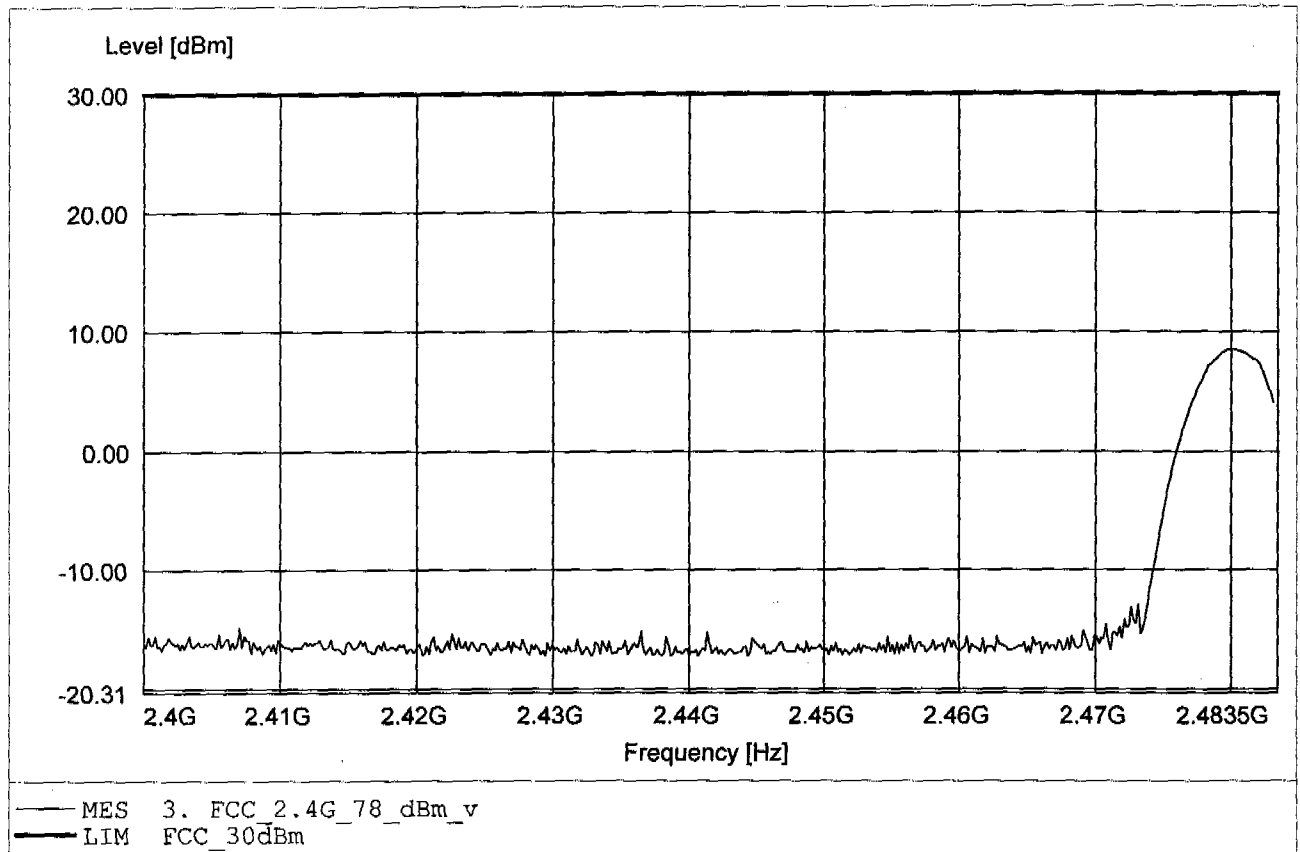
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2441,16MHz Pmax:8,68dBm RBW:4MHz



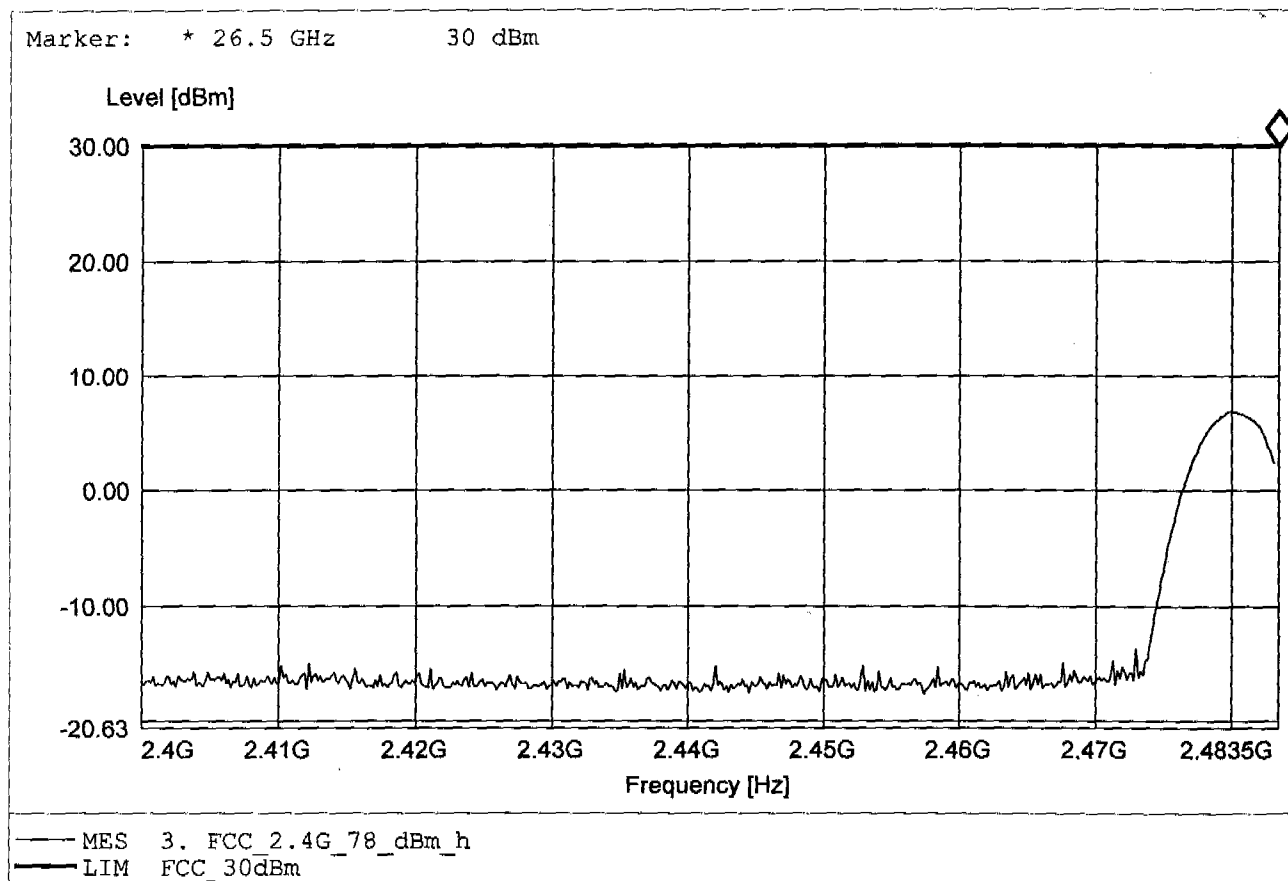
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2480 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2480,15MHz Pmax:8,58dBm RBW:4MHz



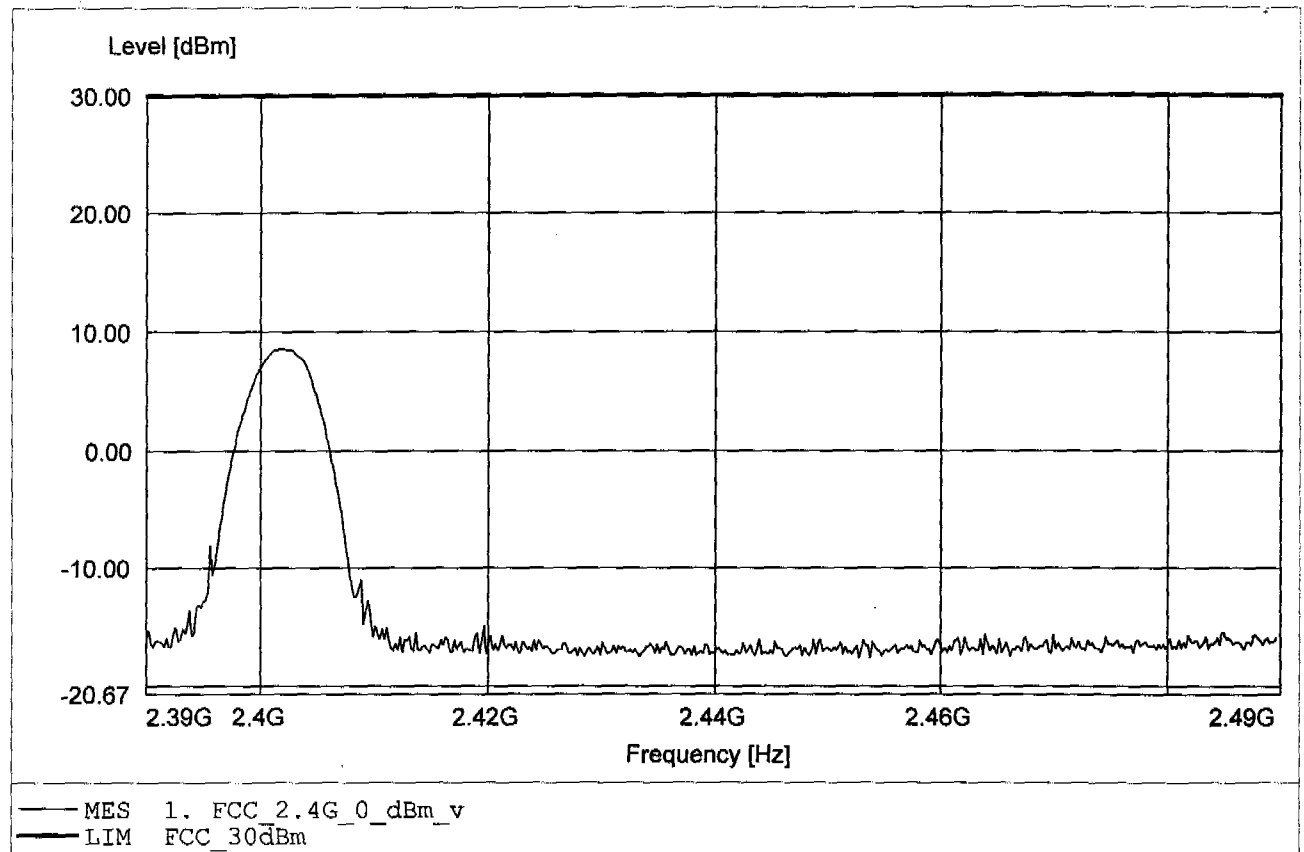
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2480 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2480,32MHz Pmax:6,85dBm RBW:4MHz



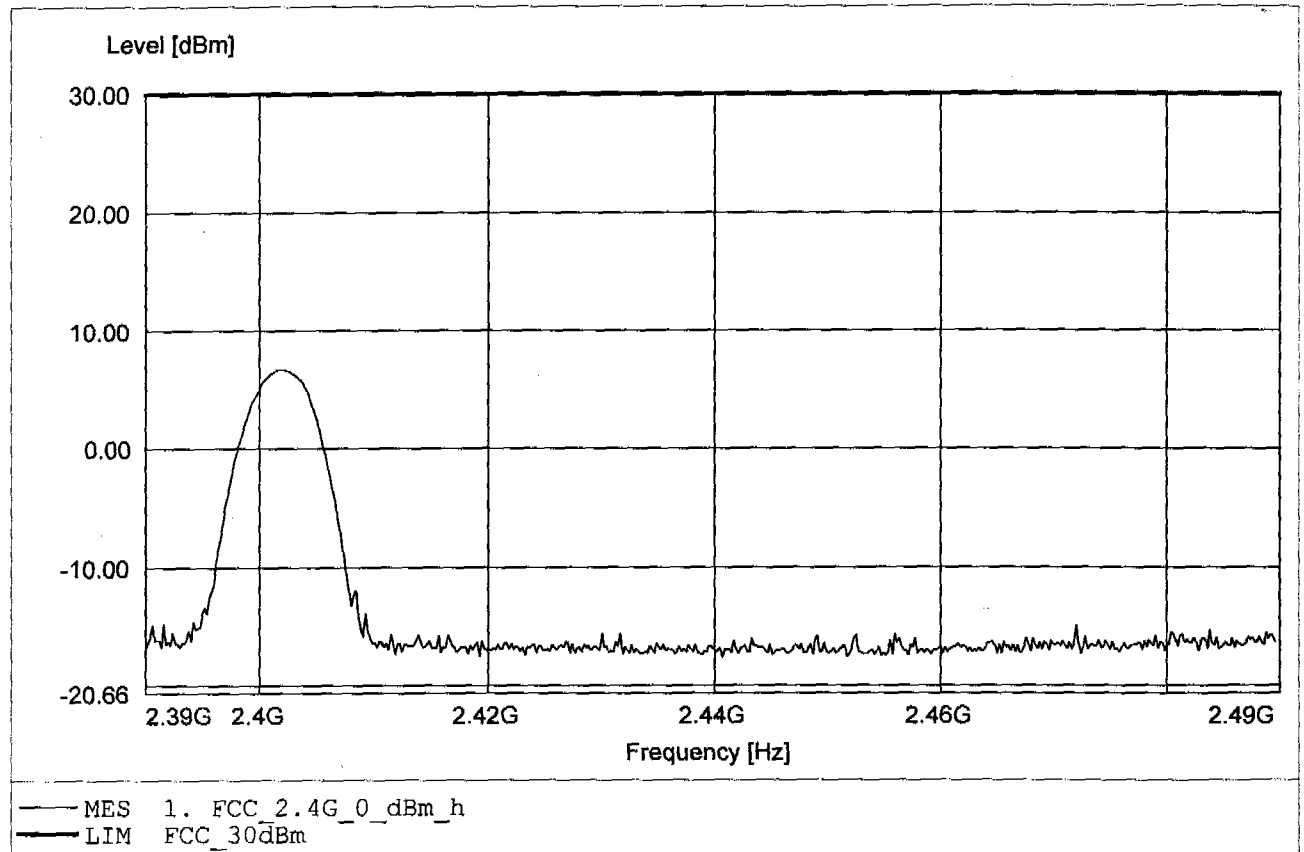
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2402 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC -15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2402,02MHz Pmax:8,62dBm RBW:4MHz



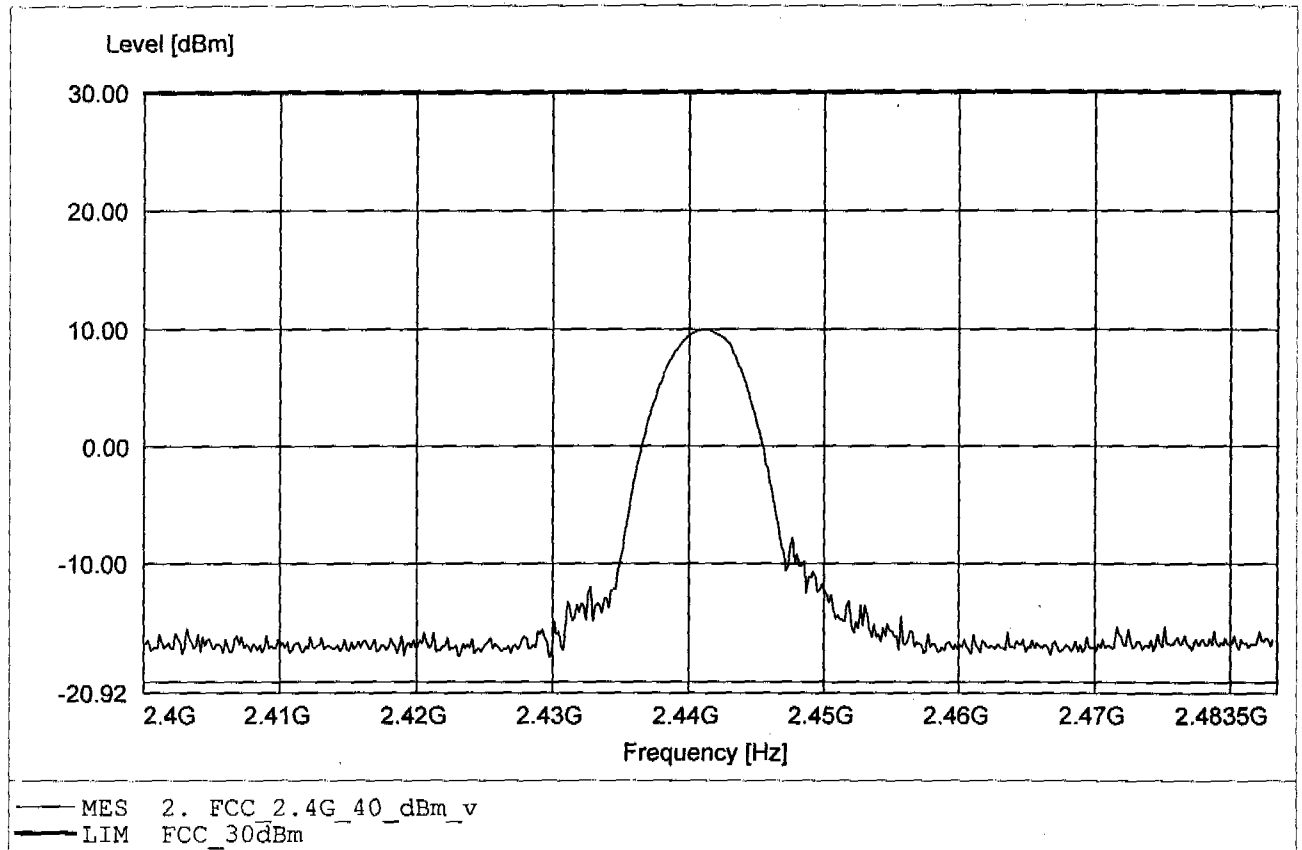
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2402 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC ~15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2402,22MHz Pmax:6,65dBm RBW:4MHz



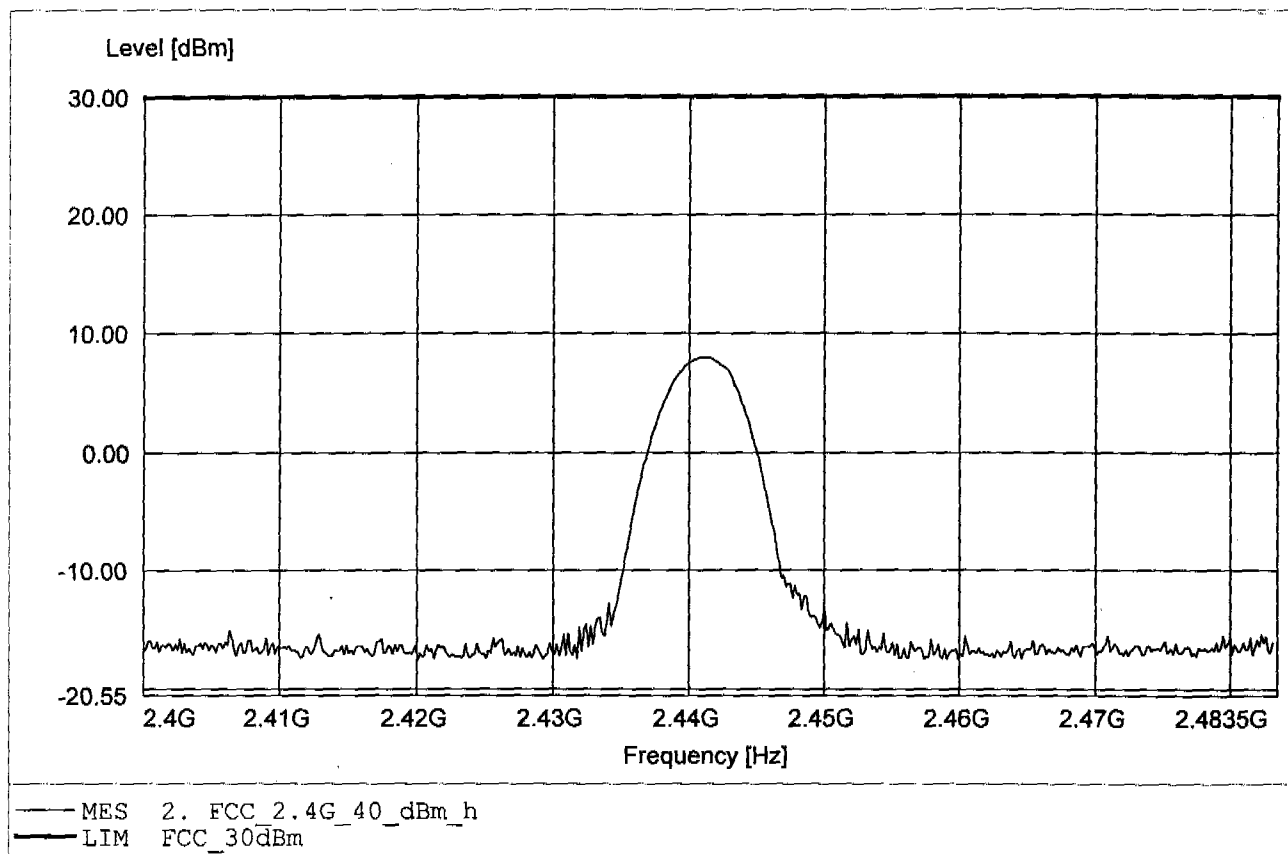
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC -15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2440,82MHz Pmax:9,99dBm RBW:4MHz



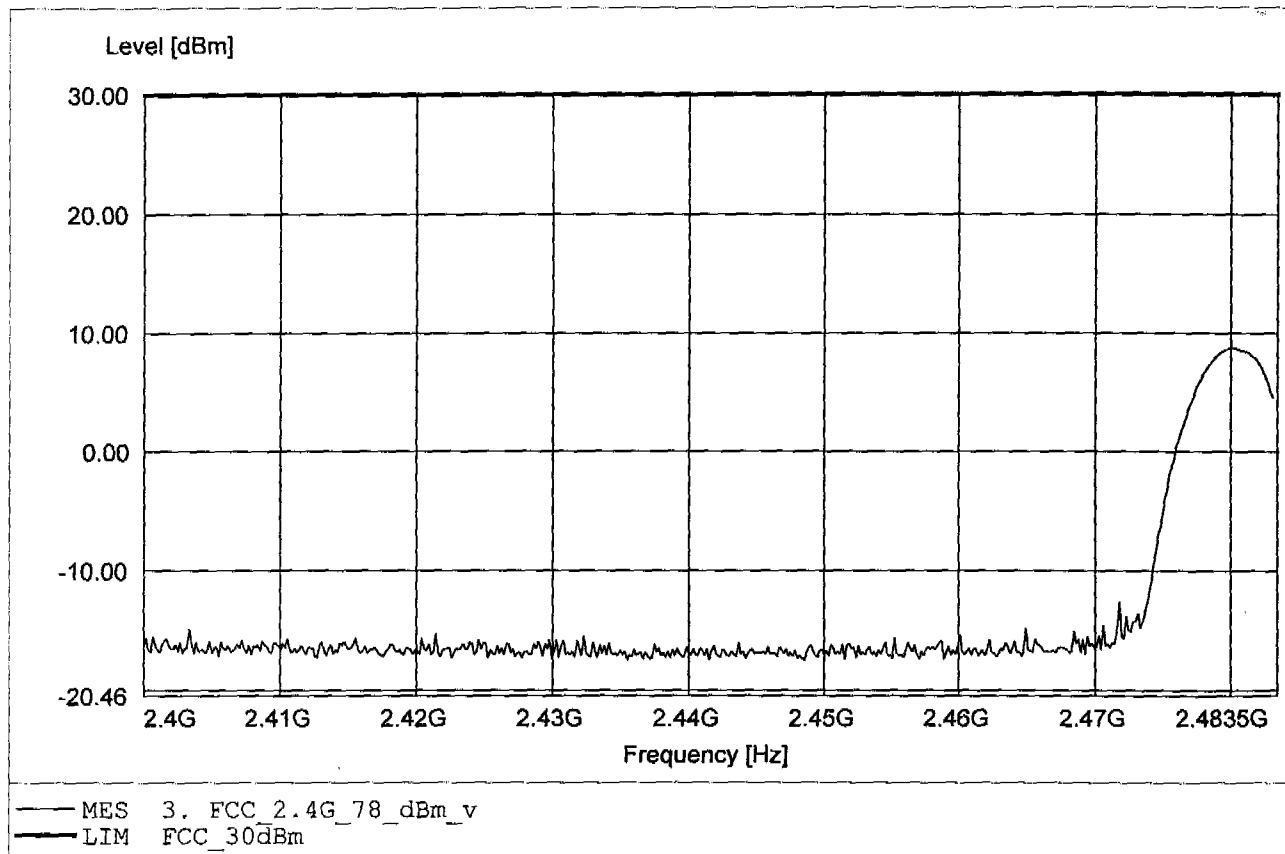
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
 Applicant: Brain Boxes
 Model : BTA-NW1
 Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC -15% (adaptor)
 Test Site / Operator: ETS / Mr. Kuß
 Test Specification: according to § 15.247
 Comment 1: Dist.: 3m, Ant.: HL025
 Comment 2: Freq:2441,49MHz Pmax:7,98dBm RBW:4MHz



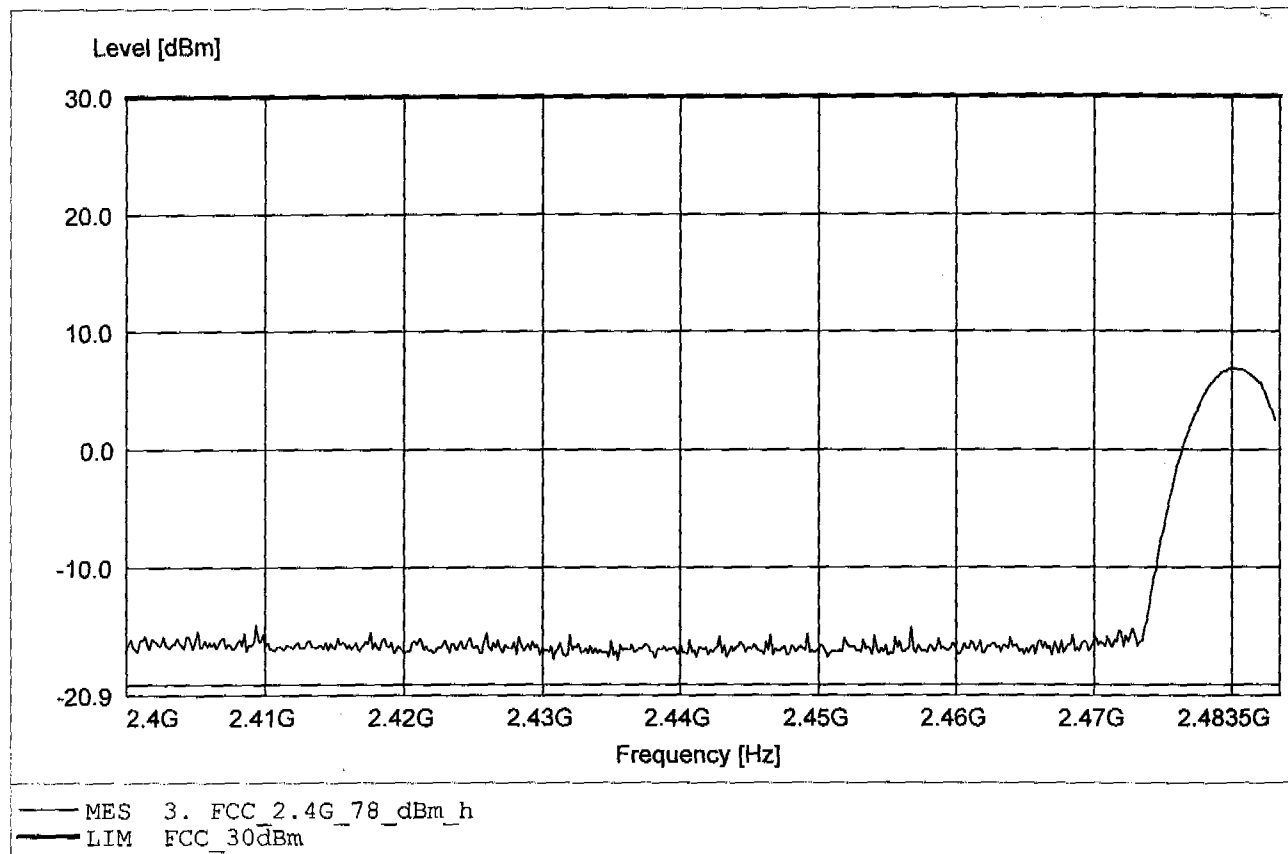
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2480 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC -15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2480,15MHz Pmax:8,77dBm RBW:4MHz



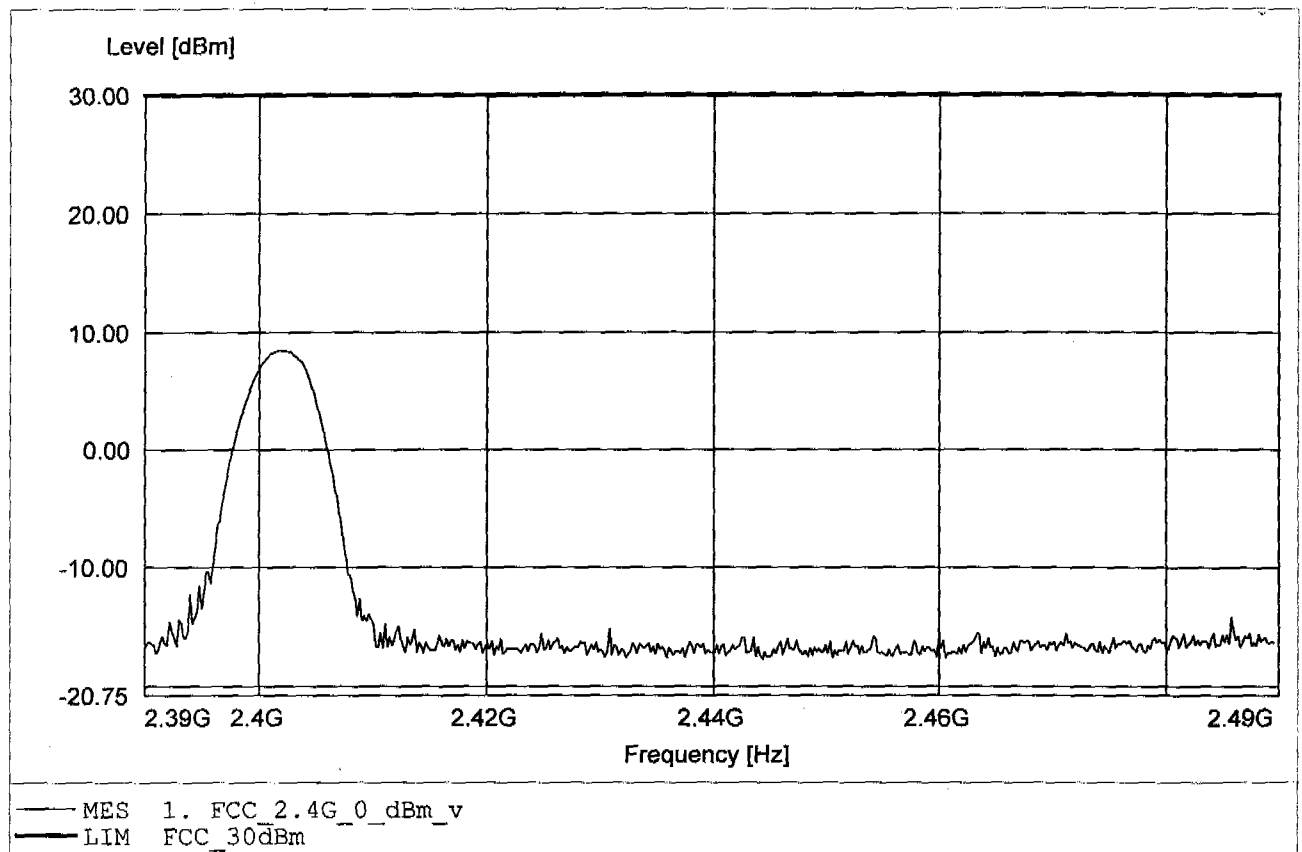
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2480 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC -15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2480,15MHz Pmax:6,91dBm RBW:4MHz



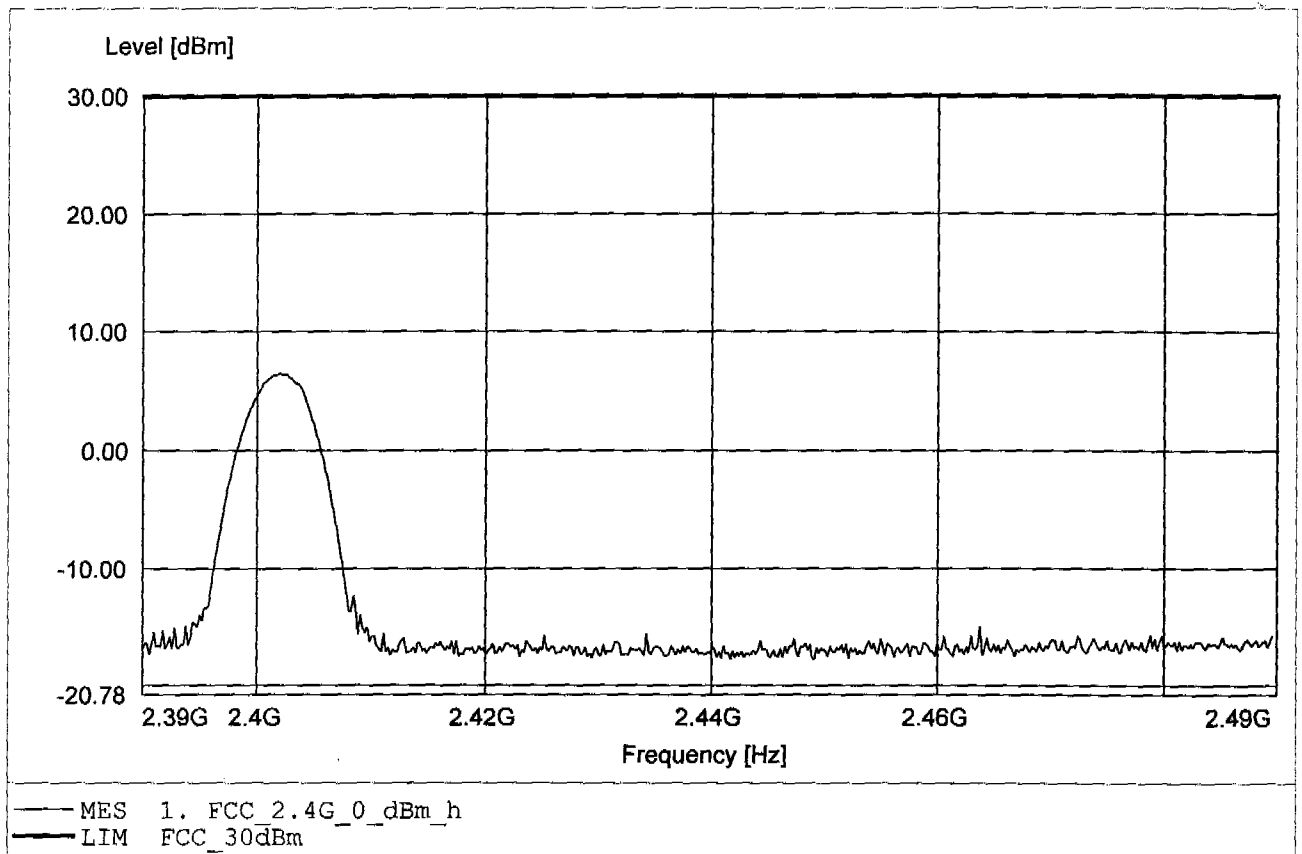
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2402 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC +15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2401,82MHz Pmax:8,49dBm RBW:4MHz



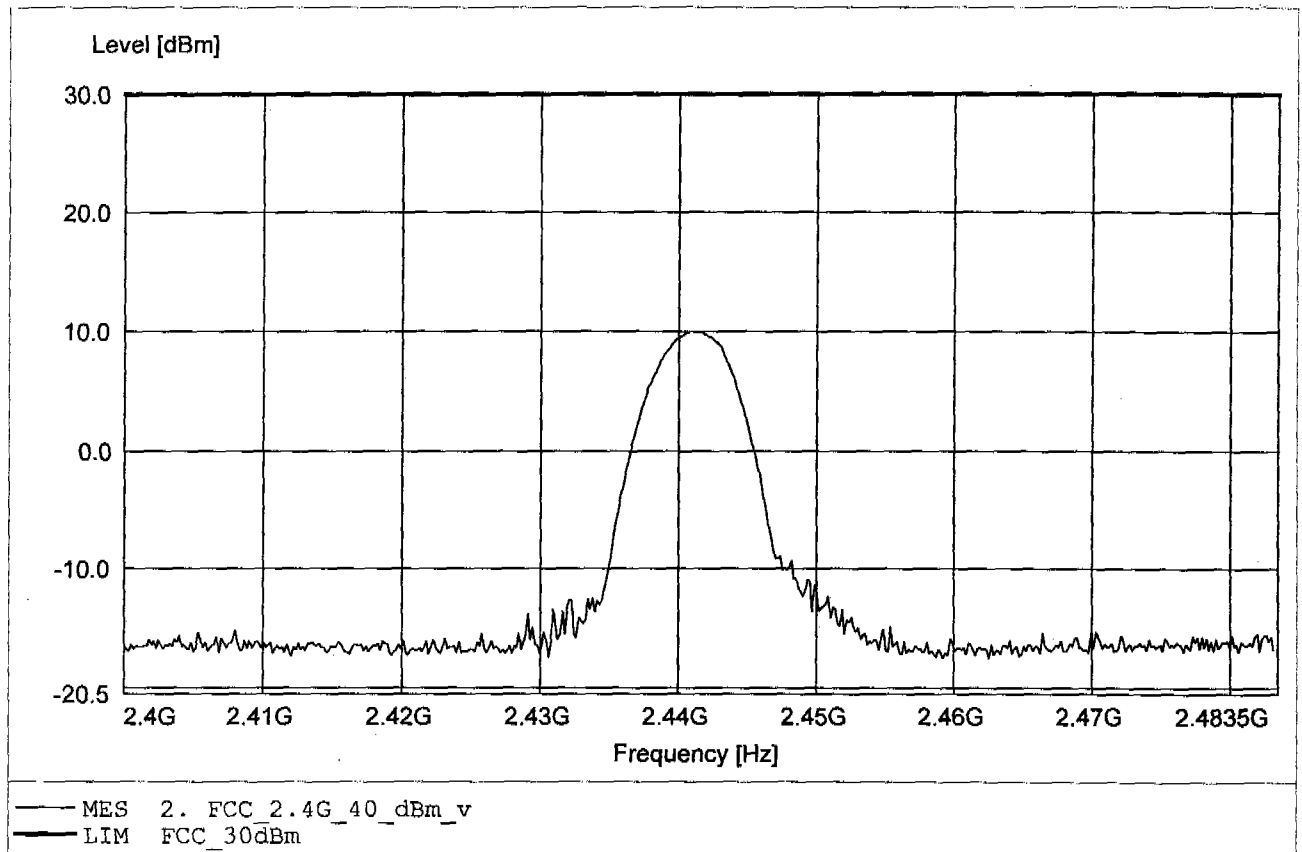
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2402 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC +15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2402,02MHz Pmax:6,46dBm RBW:4MHz



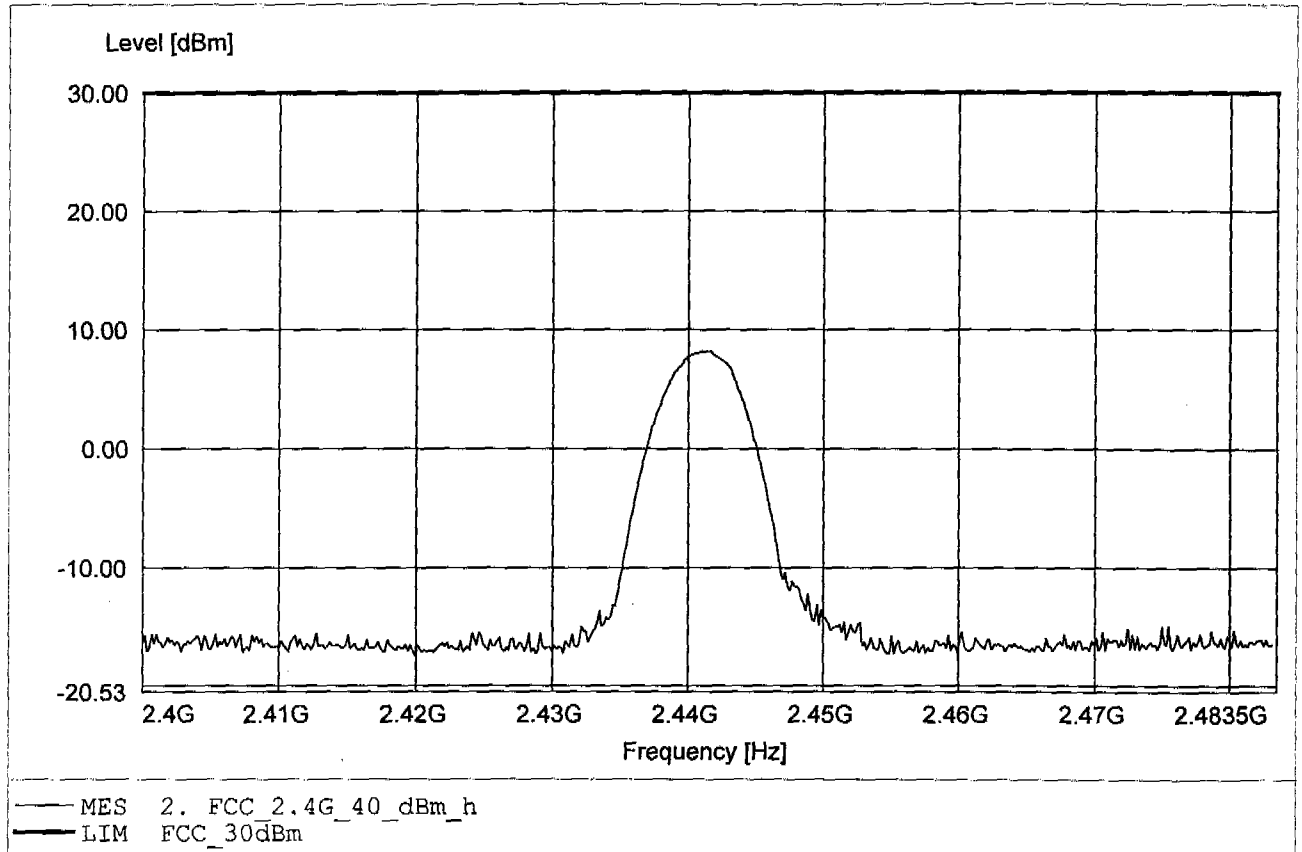
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC +15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2440,99MHz Pmax:9,99dBm RBW:4MHz



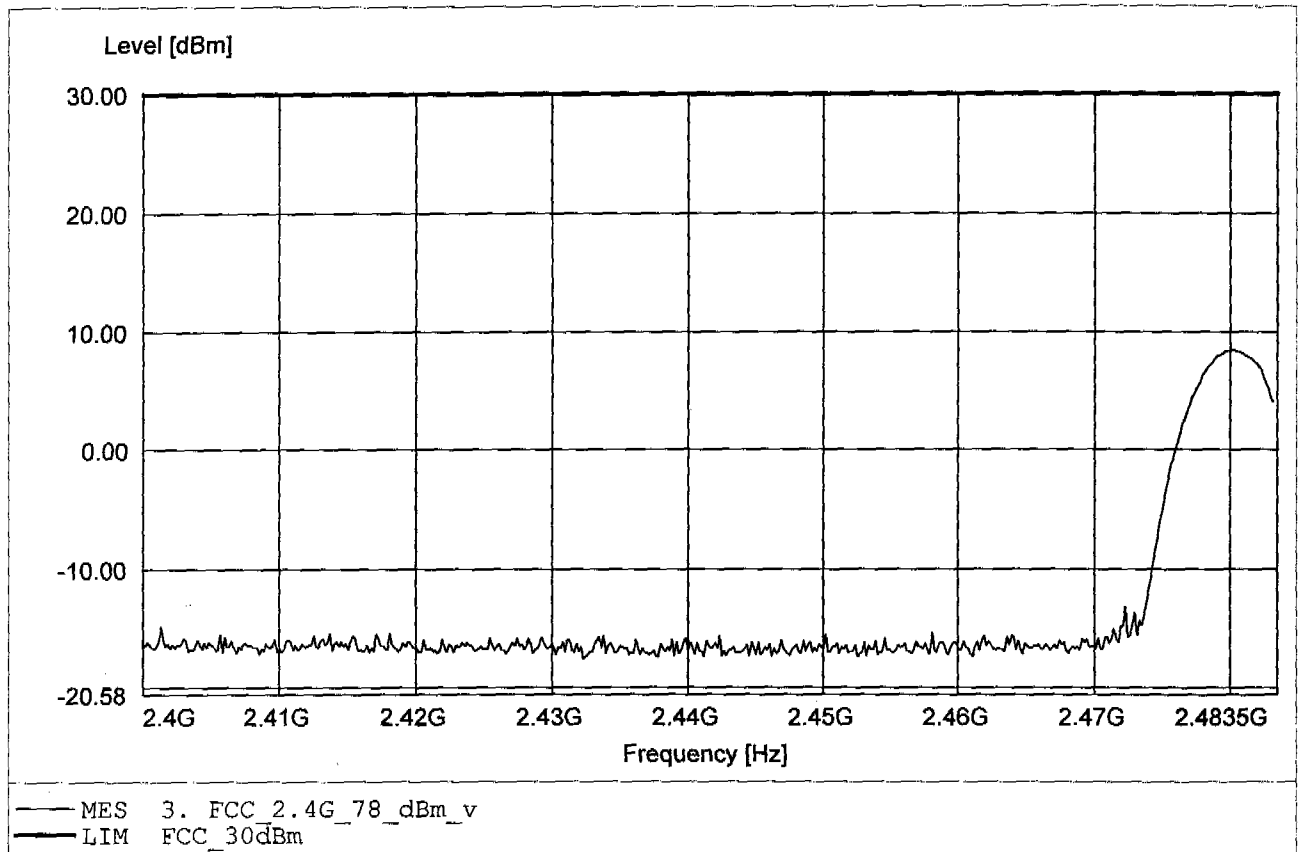
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC +15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2440,99MHz Pmax:8,17dBm RBW:4MHz



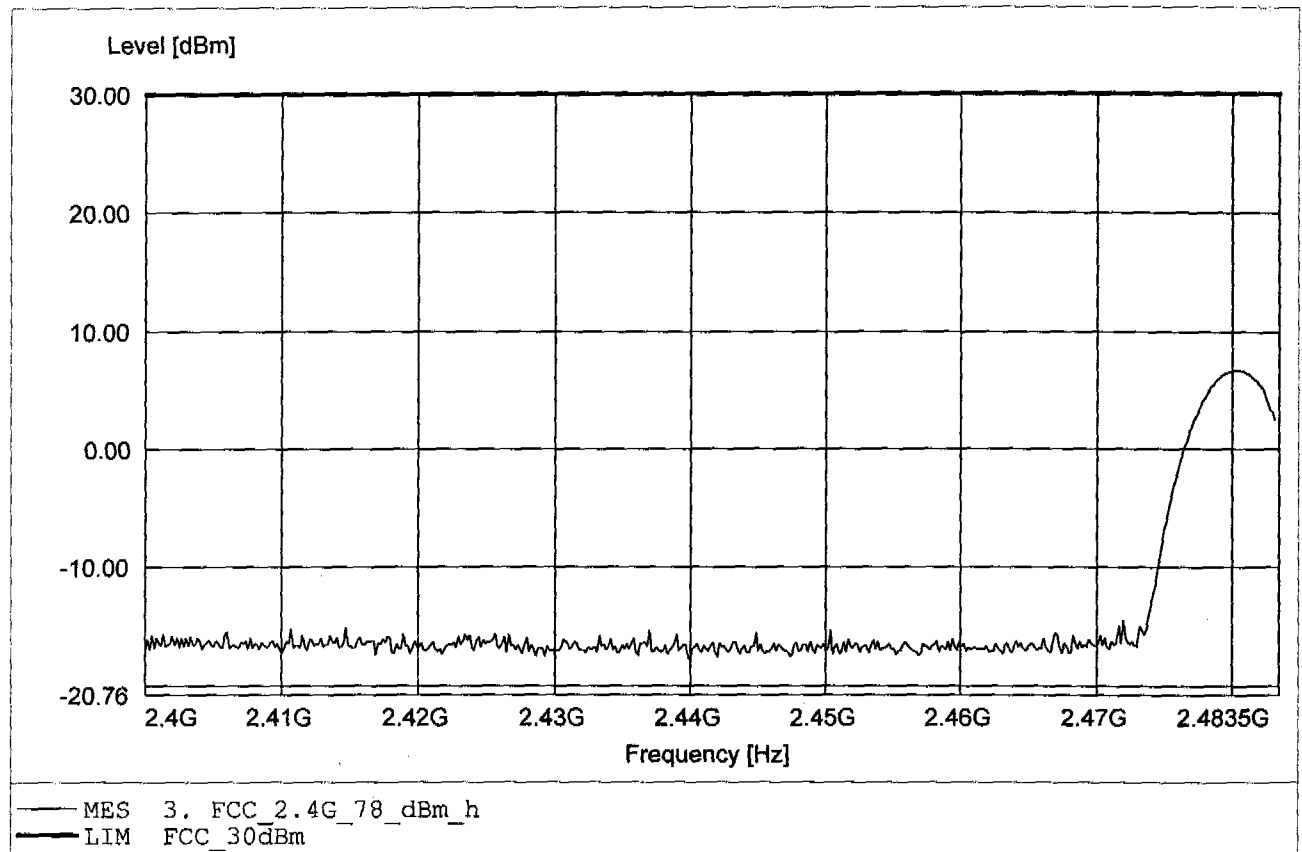
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2480 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC +15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2480,32MHz Pmax:8,45dBm RBW:4MHz



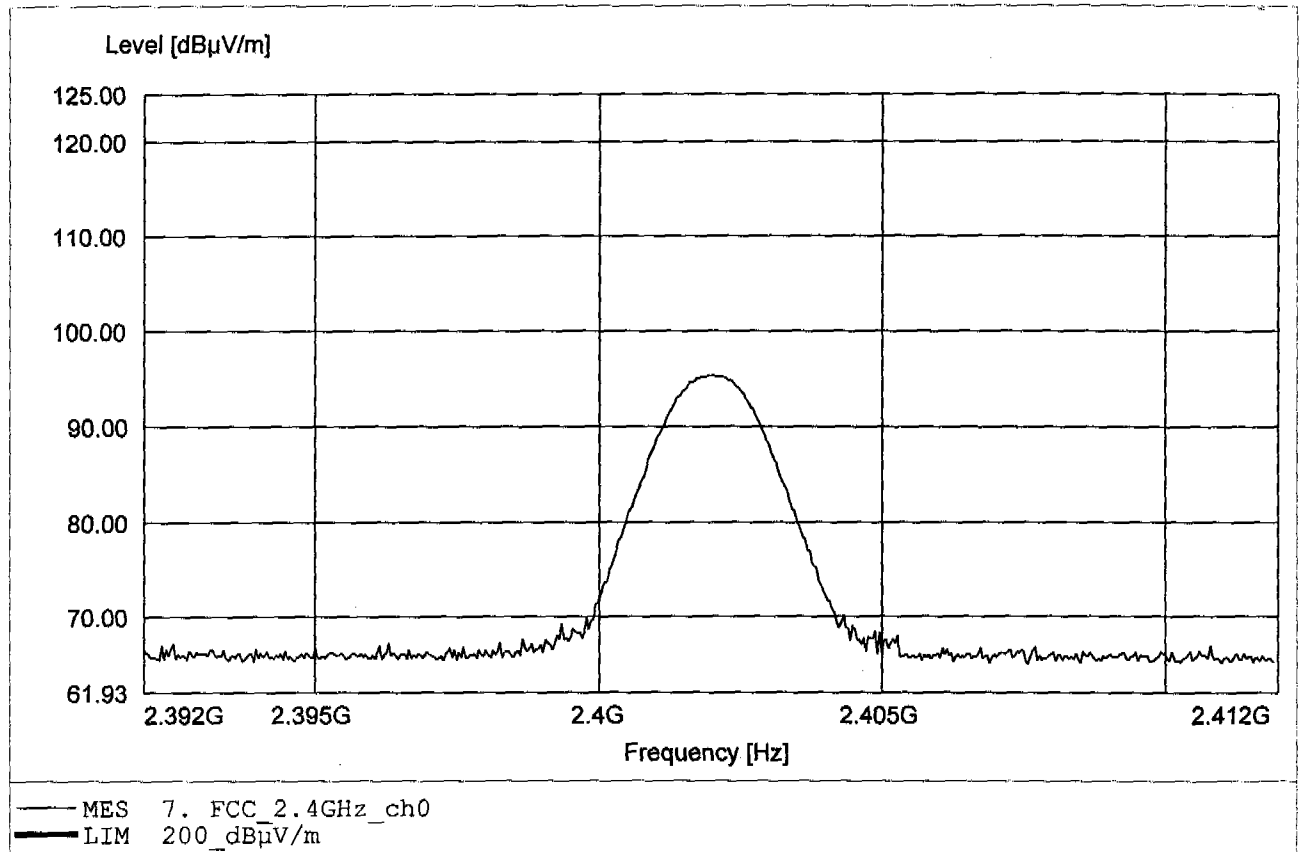
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2480 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC +15% (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2480,48MHz Pmax:6,73dBm RBW:4MHz



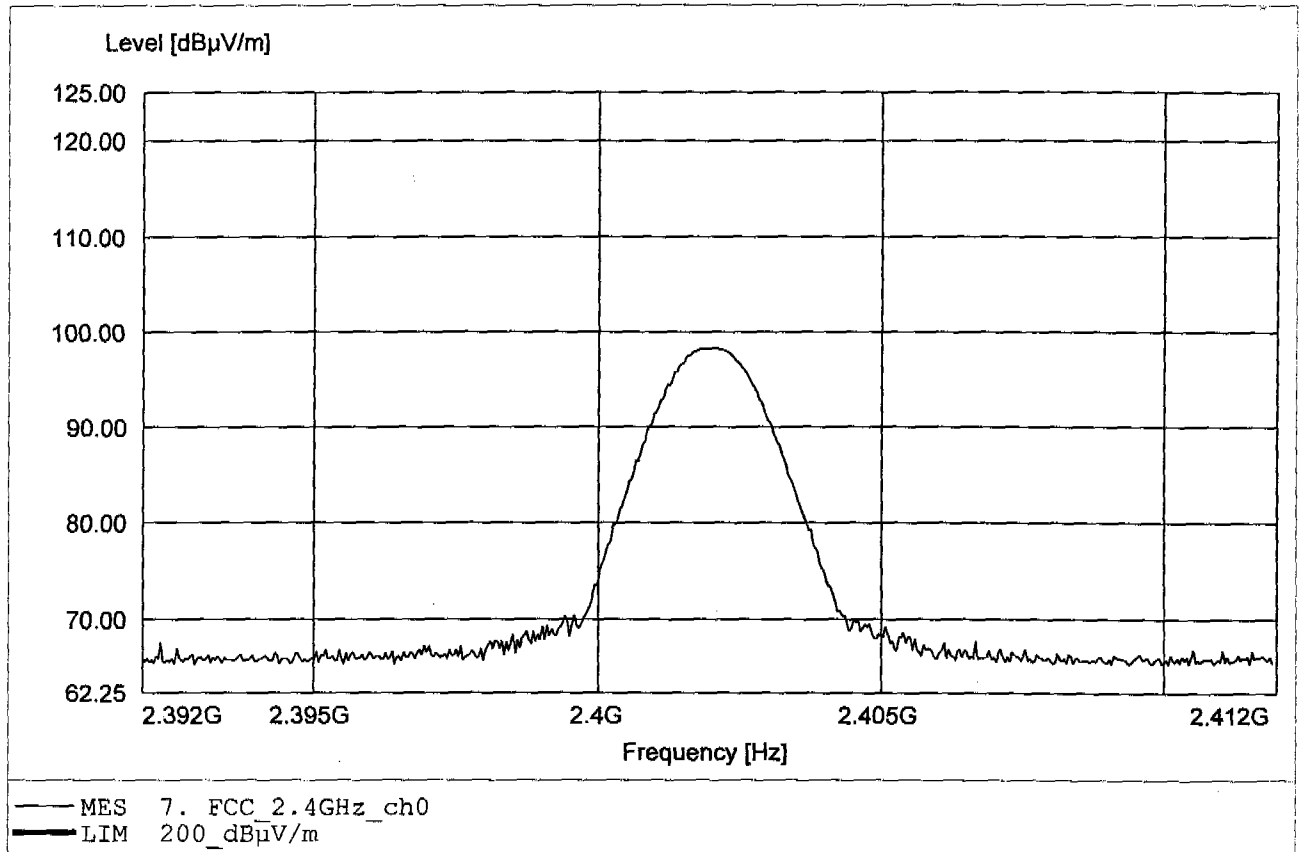
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.402GHz Pmax:95.31dBµV/m RBW:1MHz



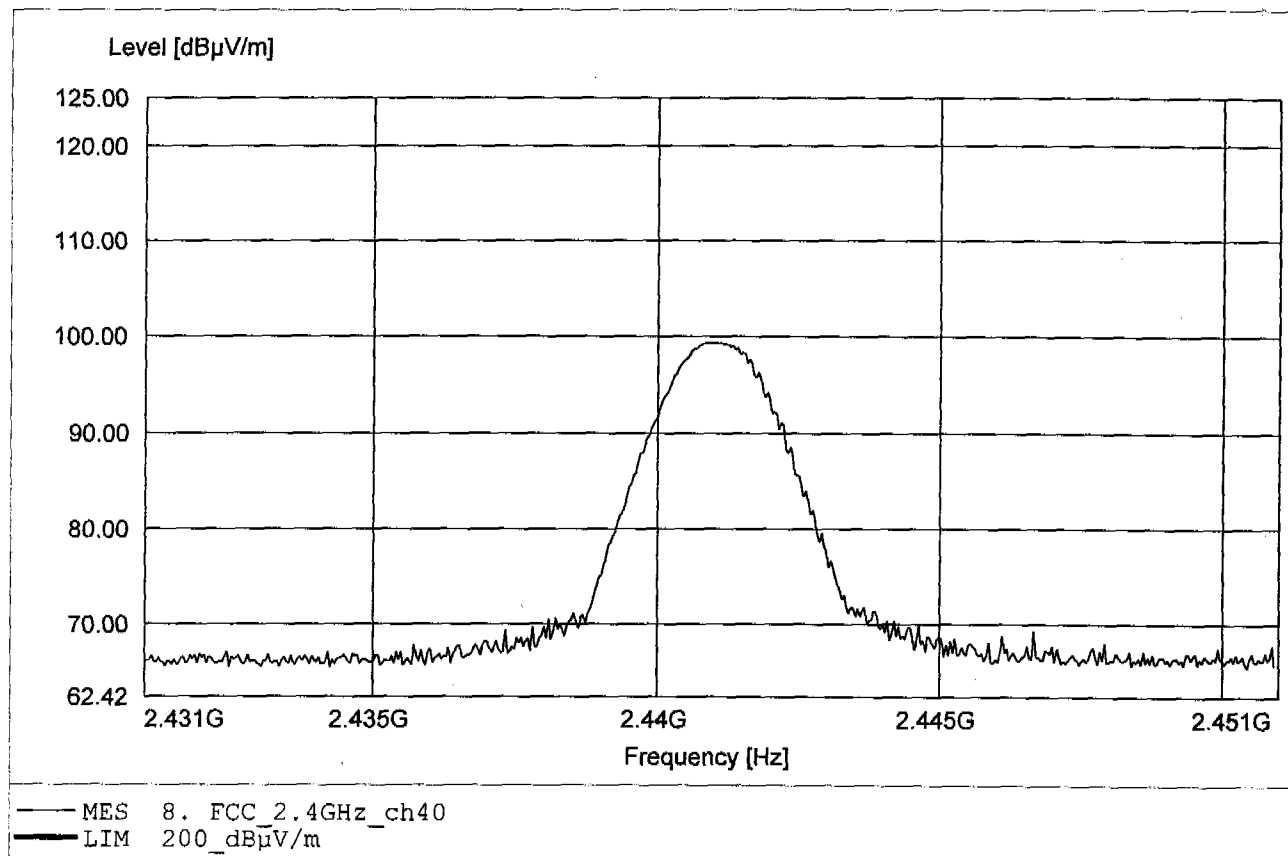
**Carrier power Field Strength
FCC RULES PART 15, SUBPART C**

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.402GHz Pmax:98.33dBµV/m RBW:1MHz



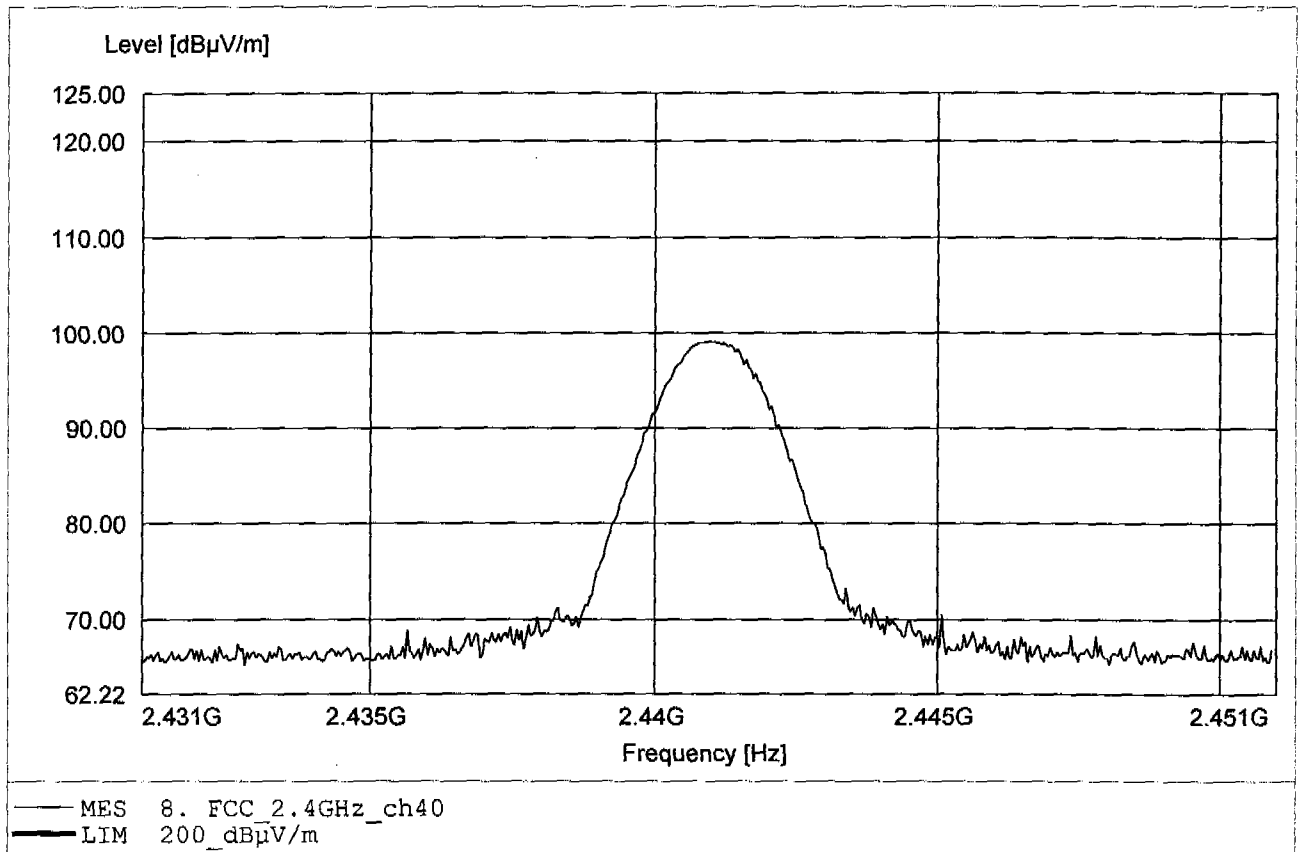
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.441GHz Pmax:99.33dBµV/m RBW:1MHz



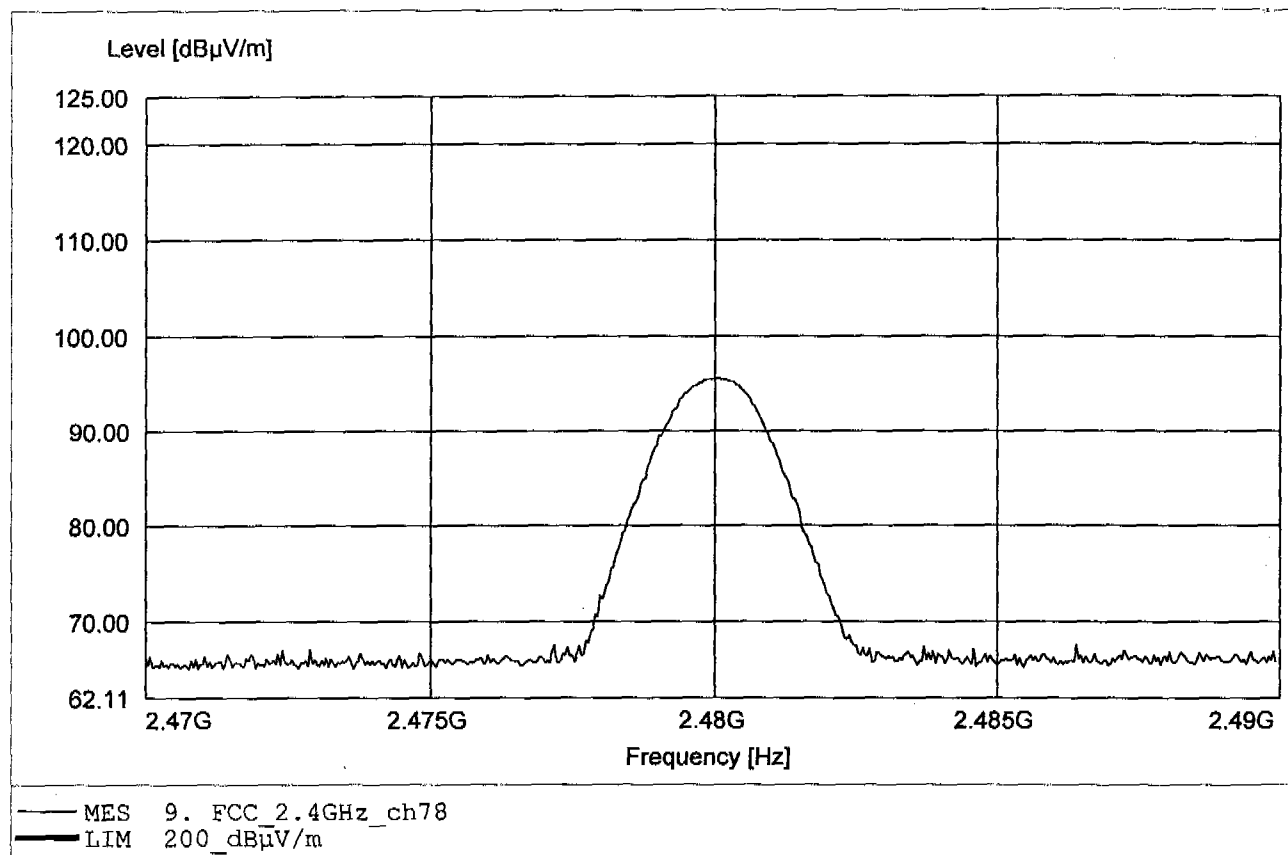
**Carrier power Field Strength
FCC RULES PART 15, SUBPART C**

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.441GHz Pmax:99.05dBµV/m RBW:1MHz



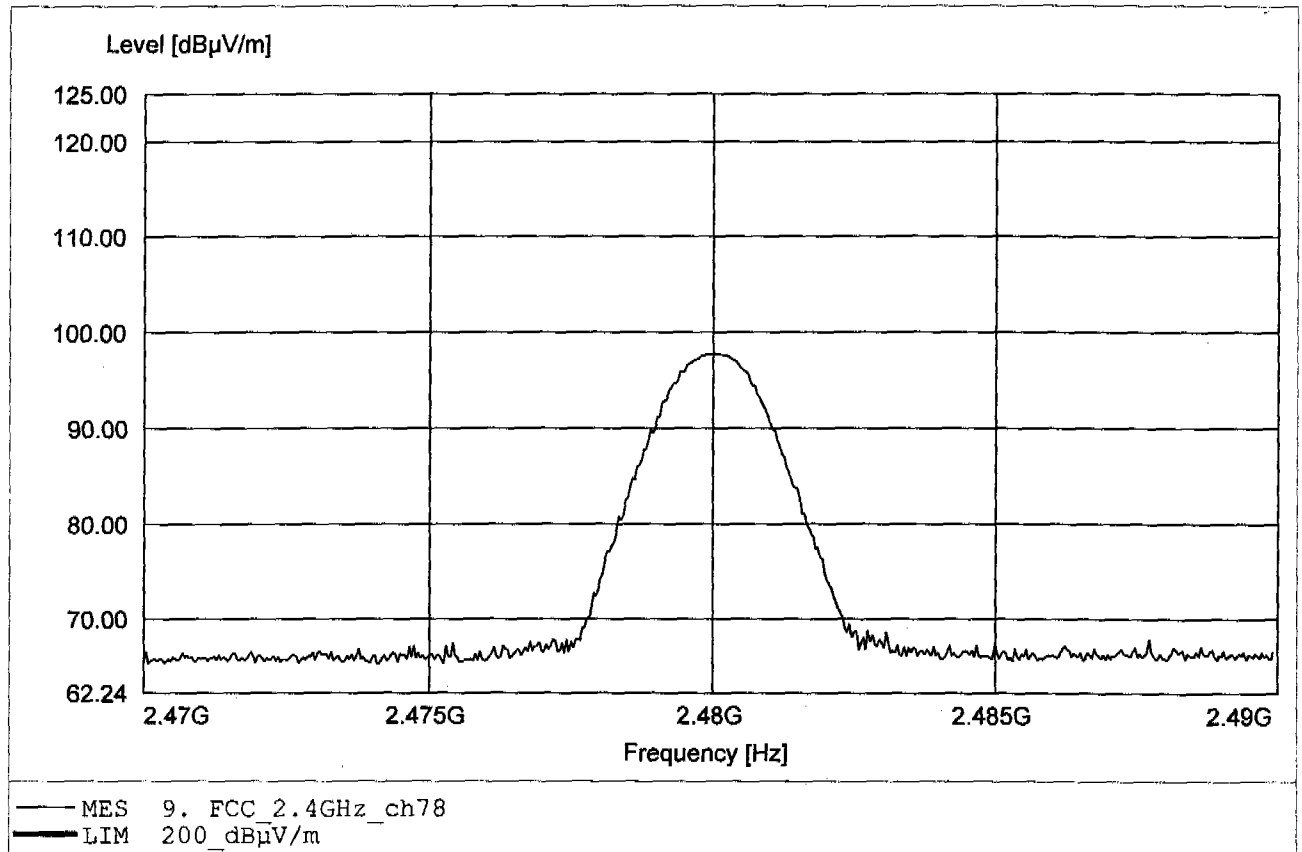
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model: BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.480GHz Pmax:95.59dBµV/m RBW:1MHz



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

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D
Comment 2: Freq:2.480GHz Pmax:97.79dBµV/m RBW:1MHz

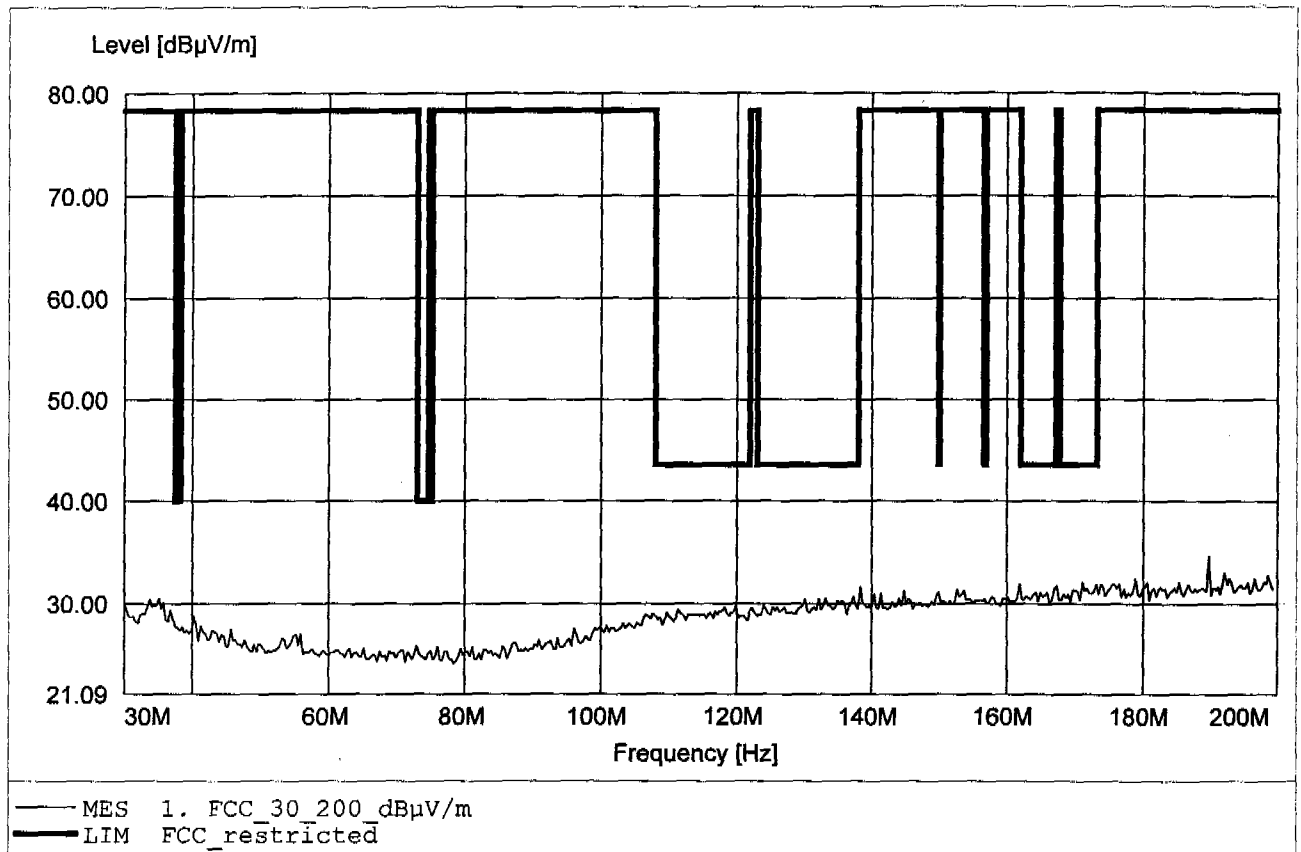


Appendix C

Spurious Emissions radiated - Transmitter operating

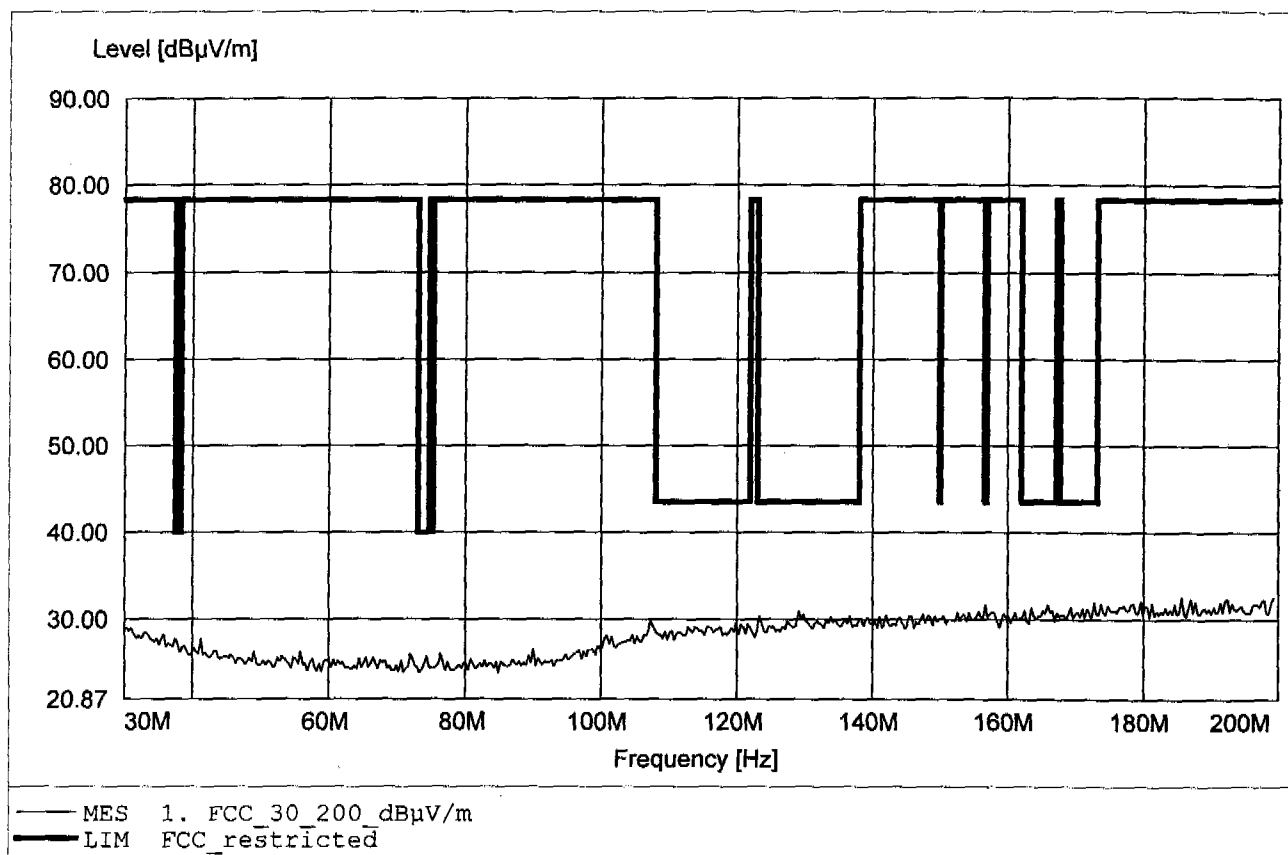
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

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EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC ( adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:189.780MHz Pmax:34.72dBuV/m RBW:100KHz
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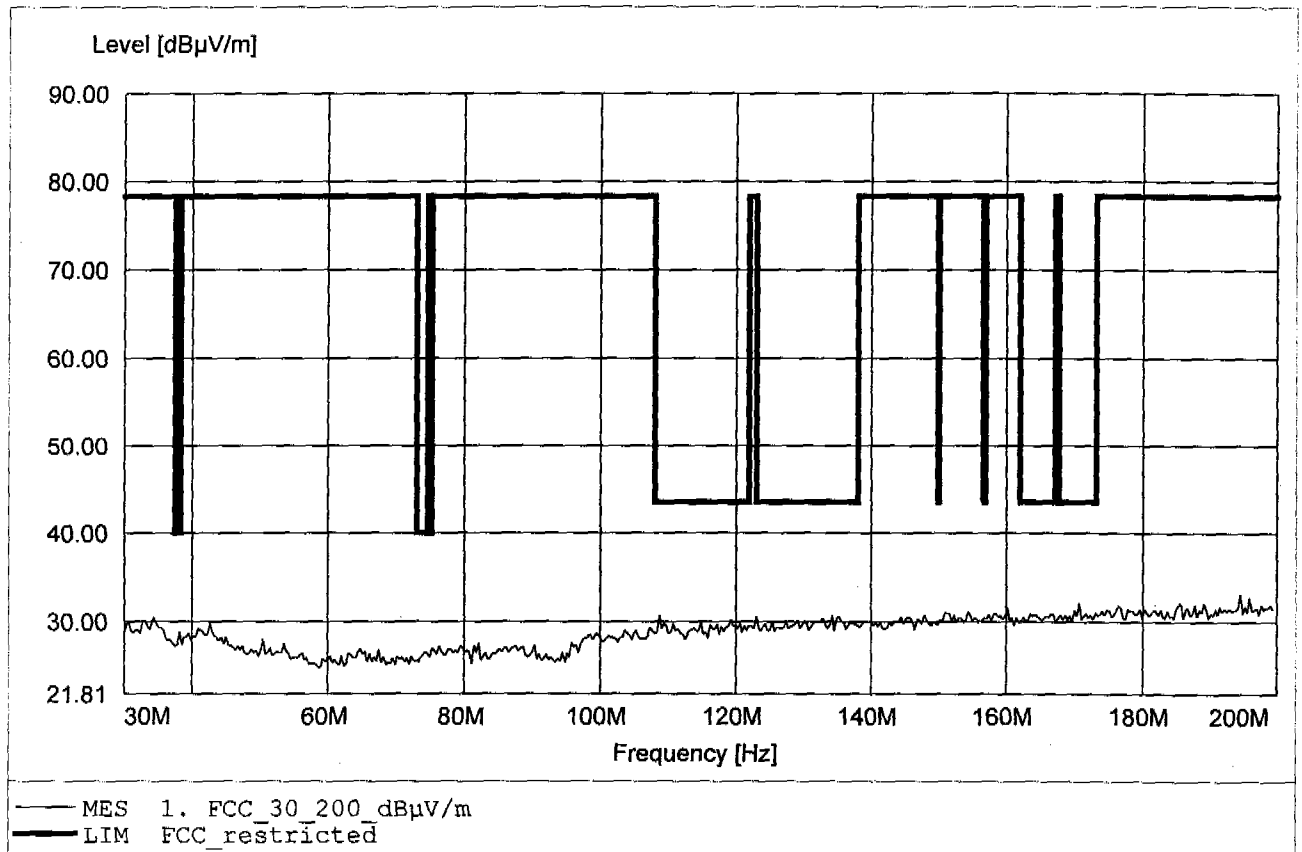
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:185.691MHz Pmax:32.59dBµV/m RBW:100KHz



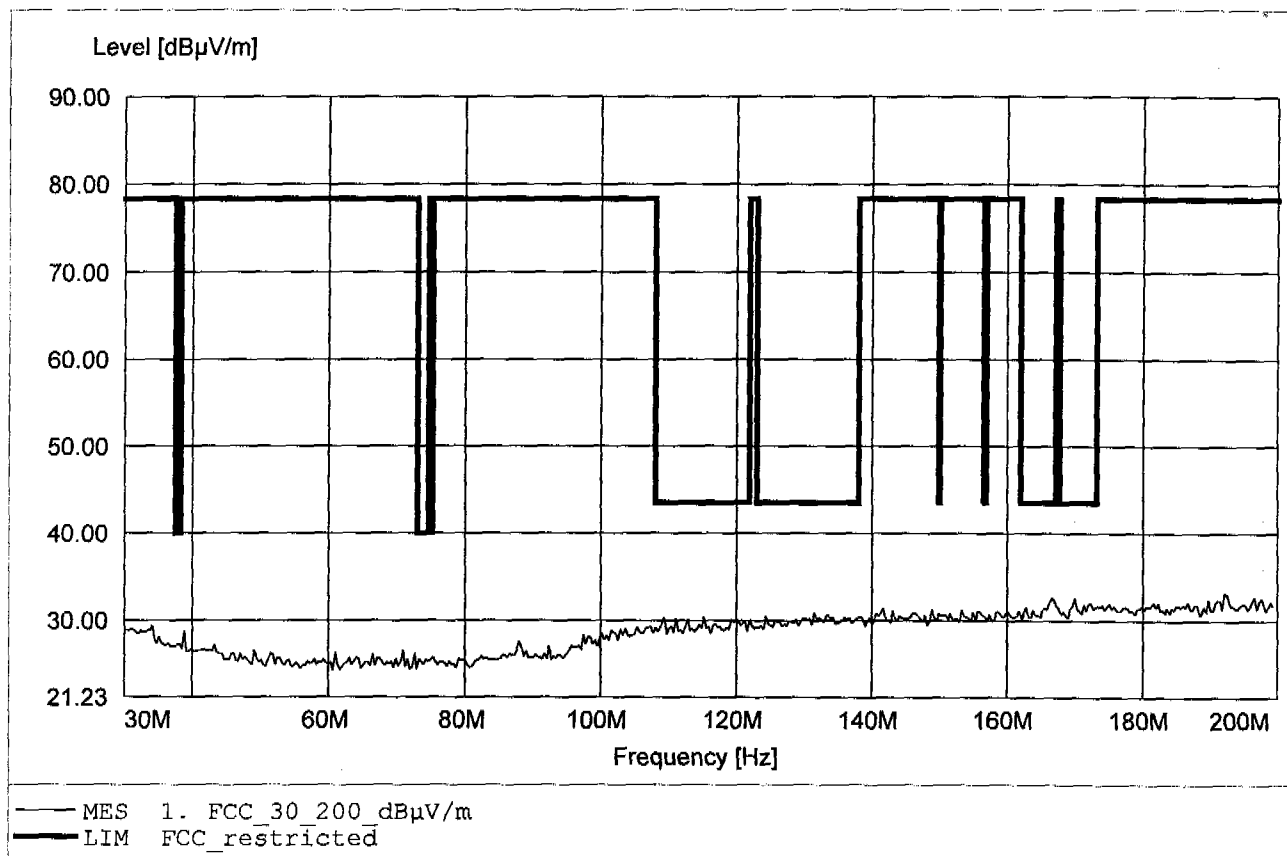
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom0 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:194.549MHz Pmax:33.07dBµV/m RBW:100KHz



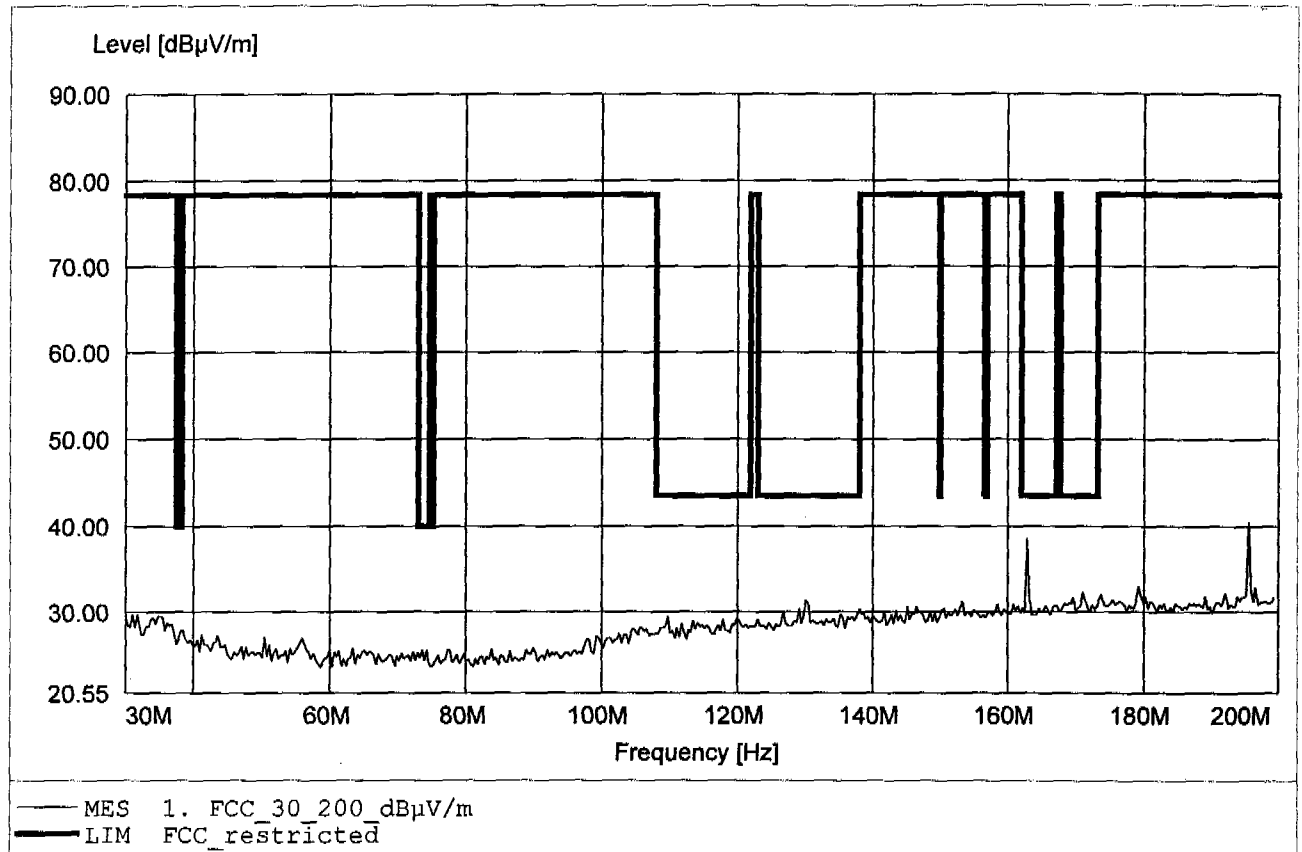
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom0 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:192.164MHz Pmax:33.20dBµV/m RBW:100KHz



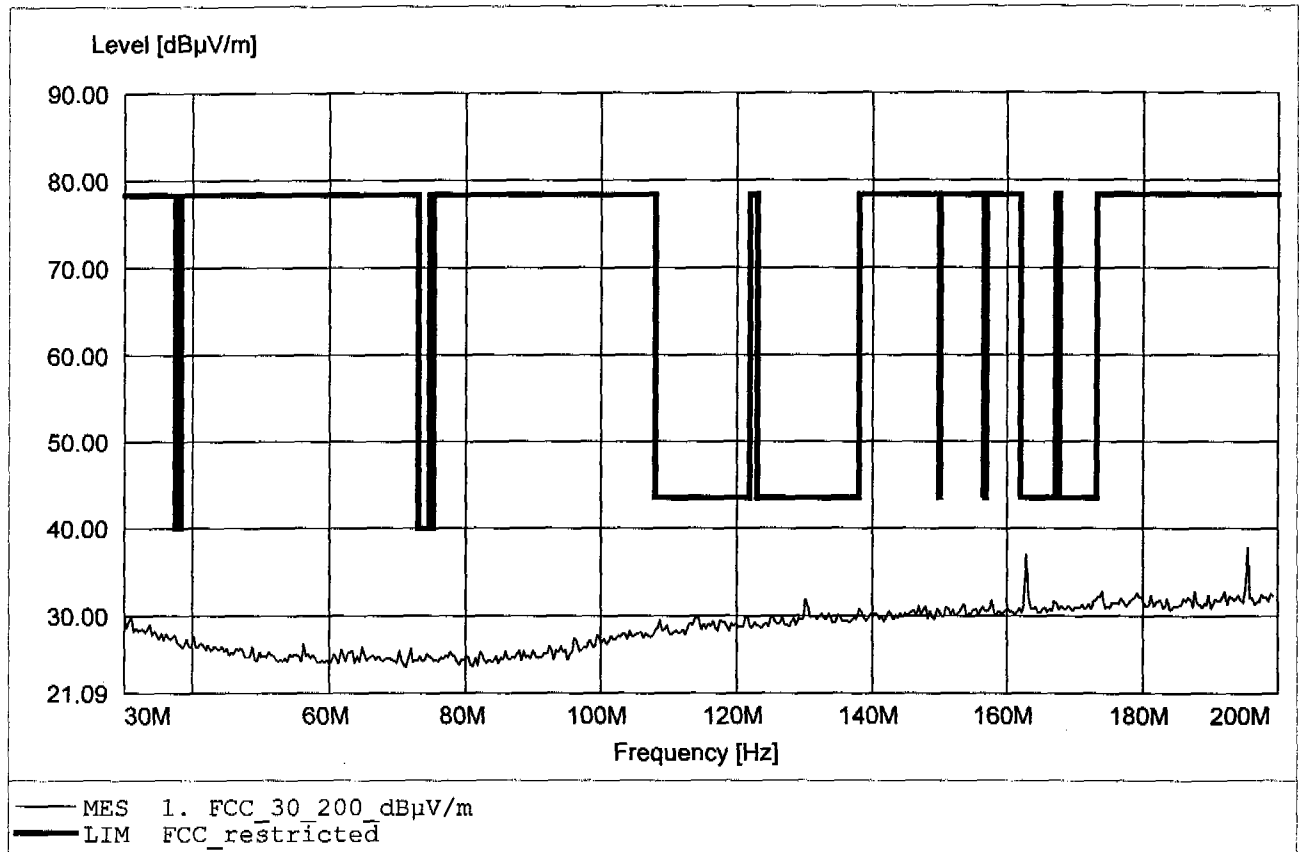
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:195.571MHz Pmax:40.42dBµV/m RBW:100KHz



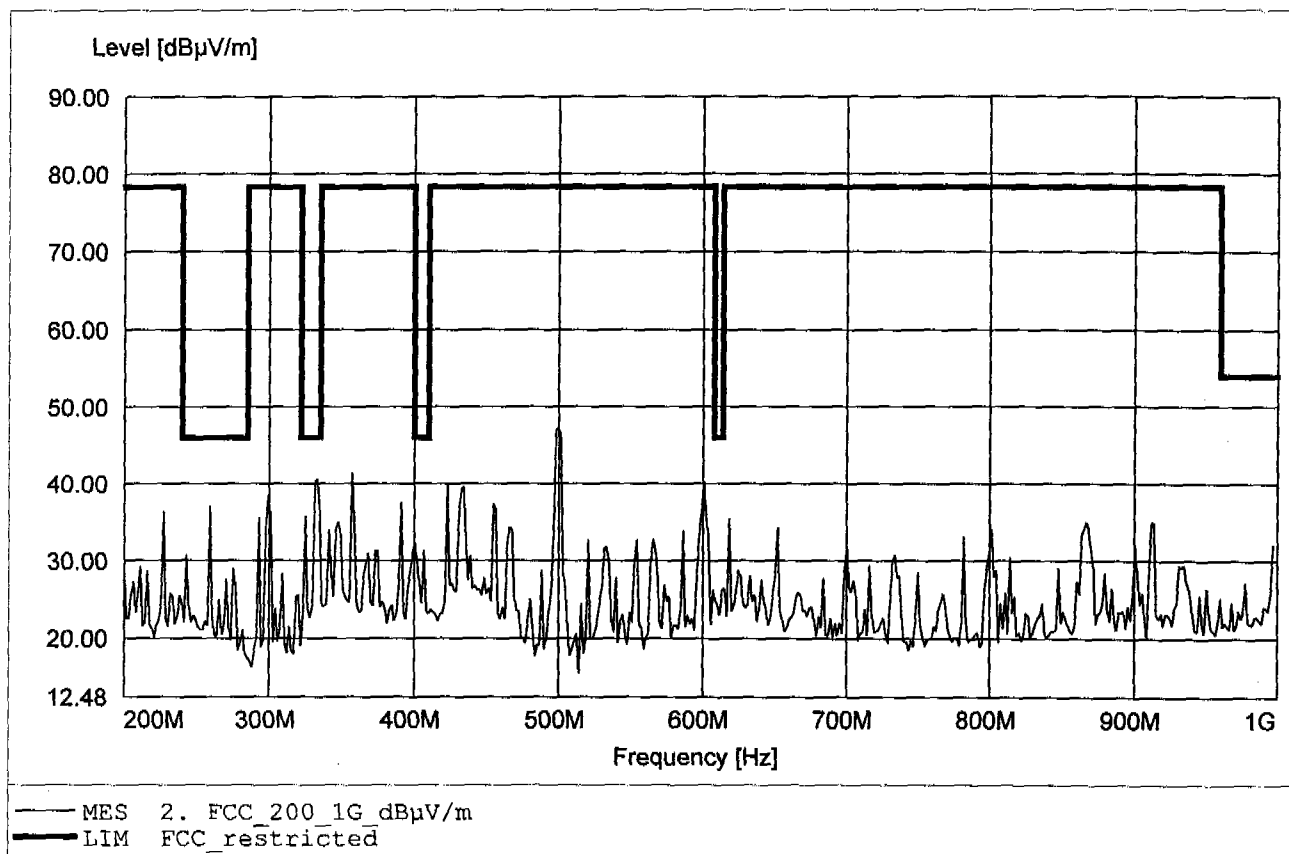
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model: BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:195.571MHz Pmax:37.81dBµV/m RBW:100KHz



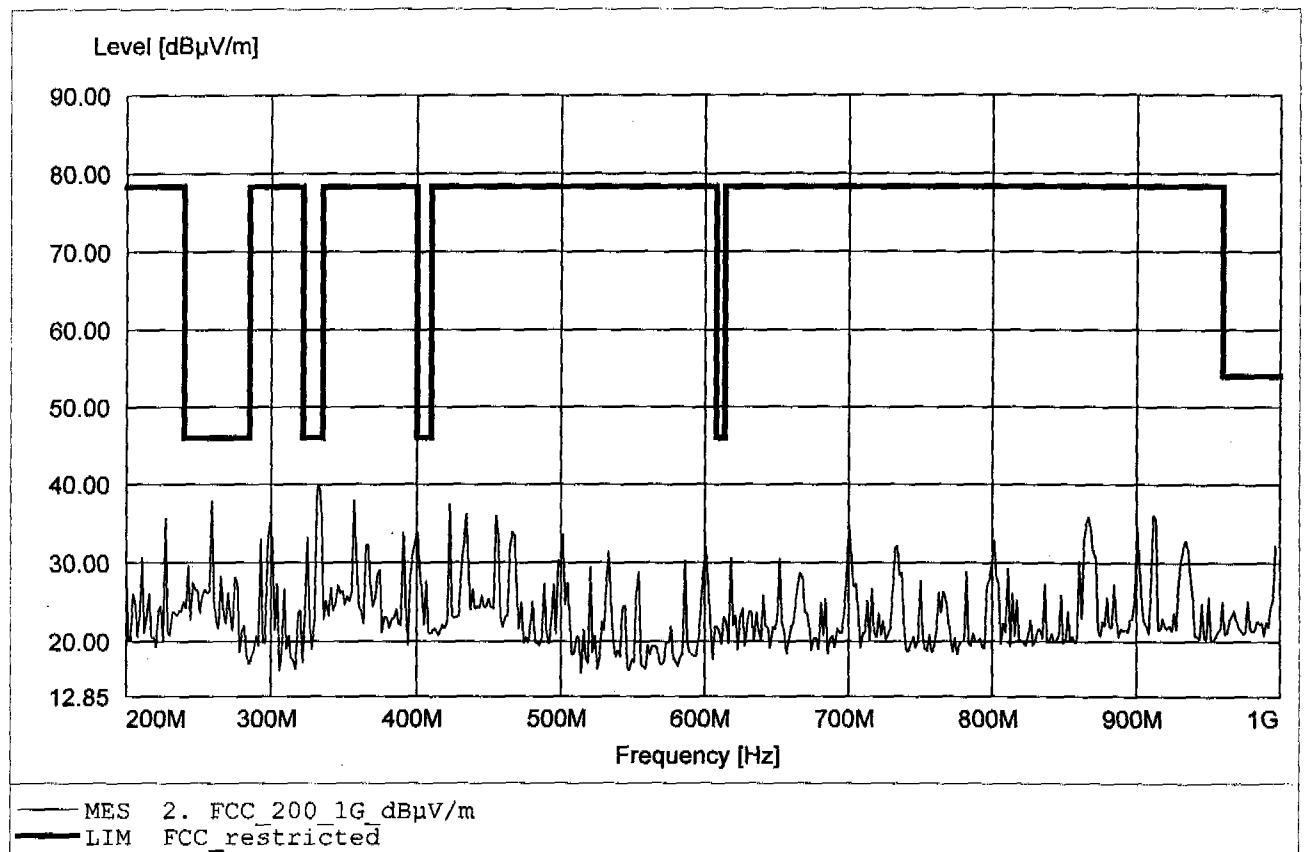
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model: BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:499.800MHz Pmax:47.18dBµV/m RBW:100KHz



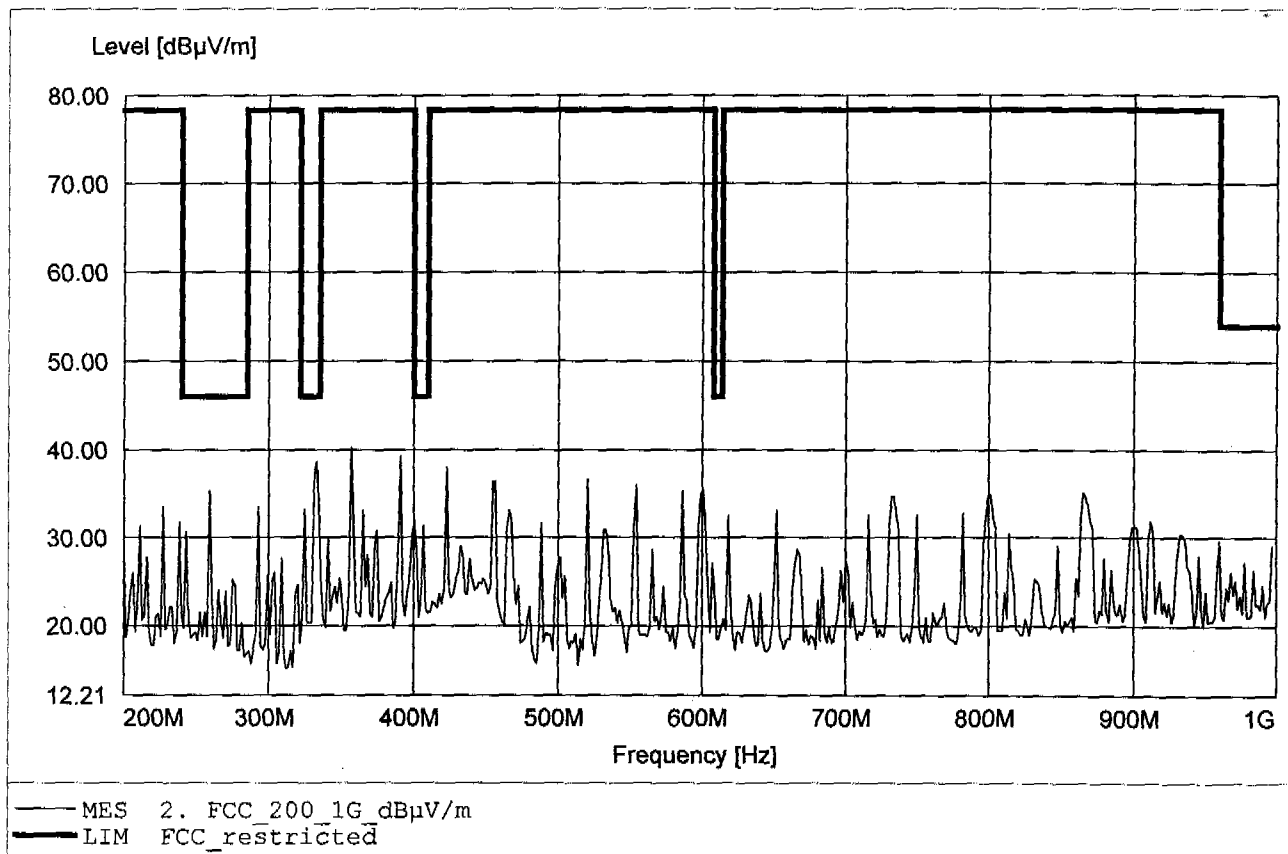
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:333.066MHz Pmax:39.98dBµV/m RBW:100KHz



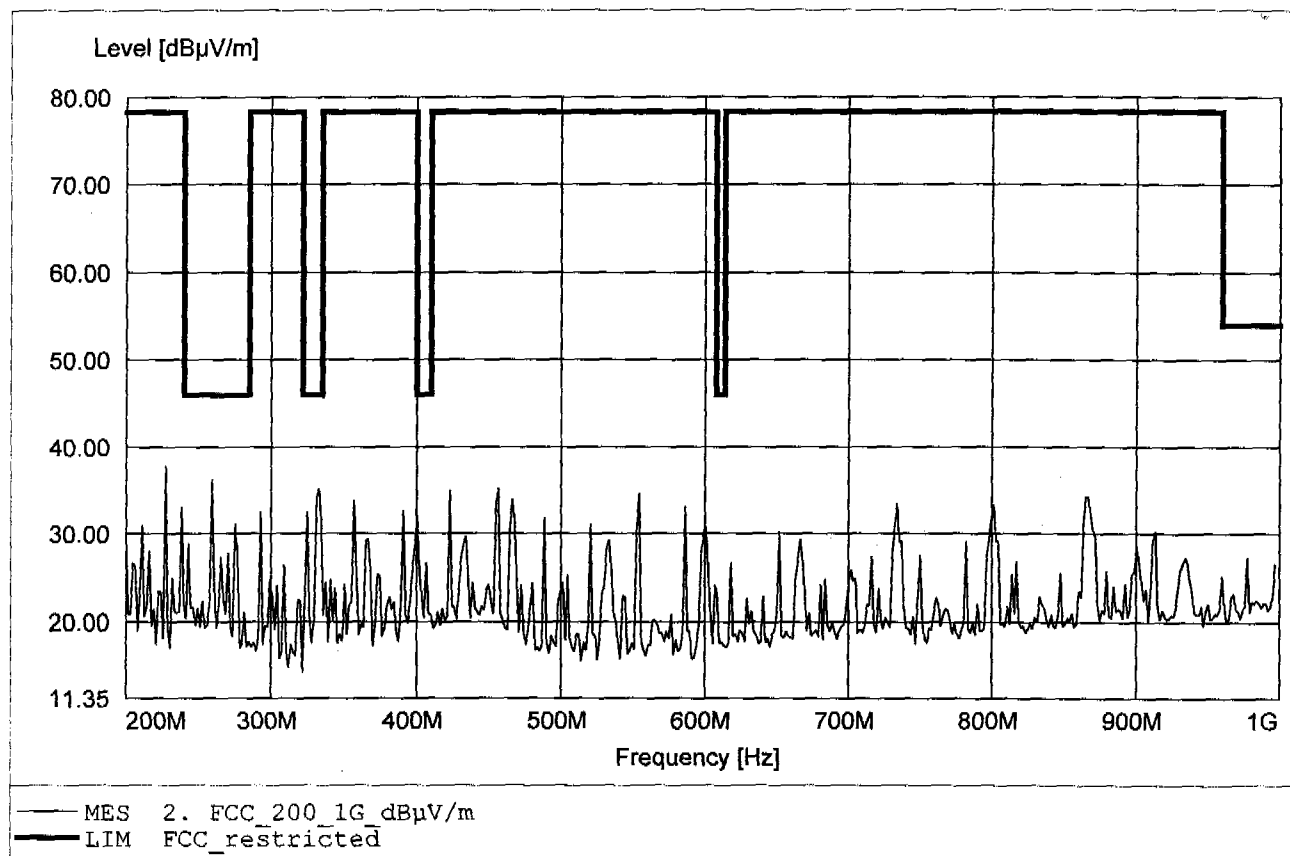
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
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 Pmax:40.34dBµV/m RBW:100KHz



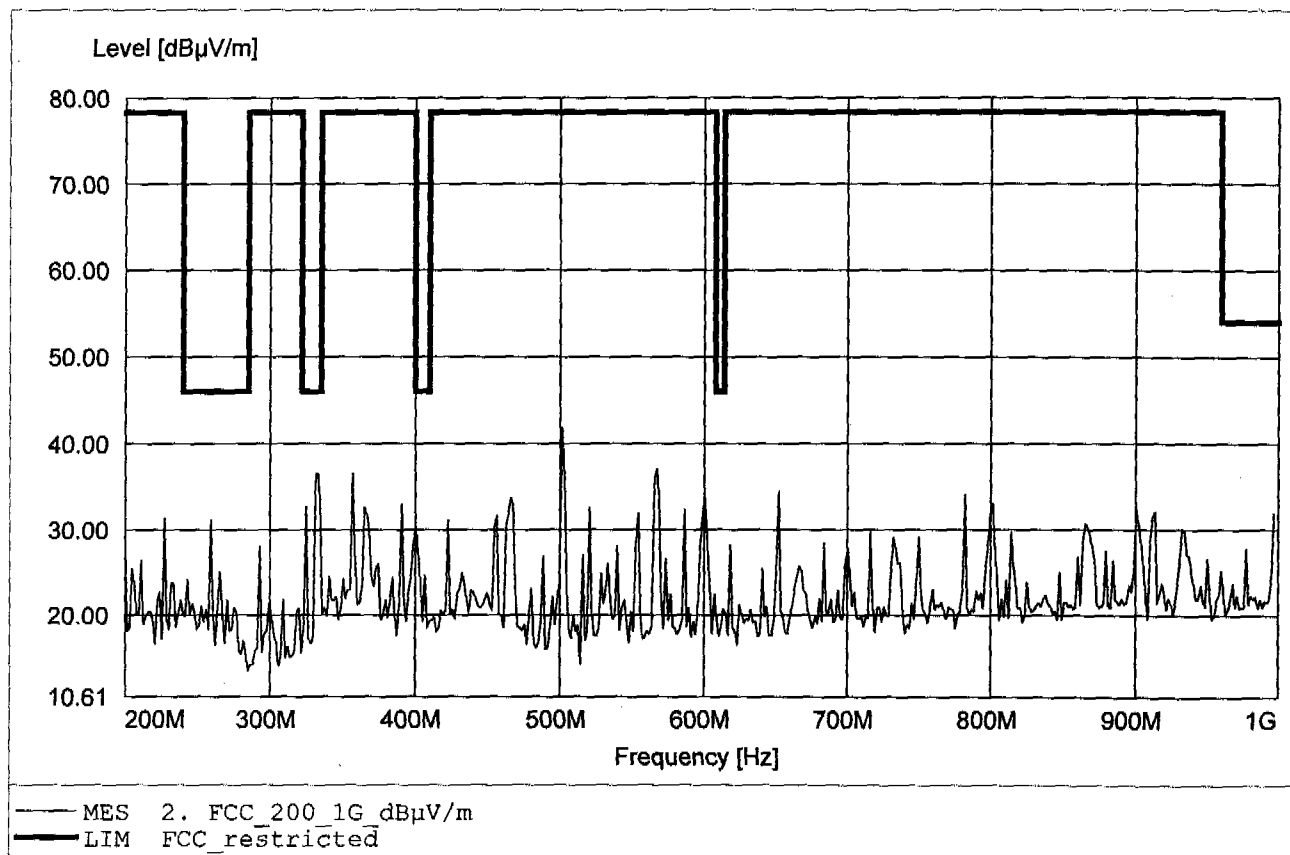
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:227.255MHz Pmax:37.85dBµV/m RBW:100KHz



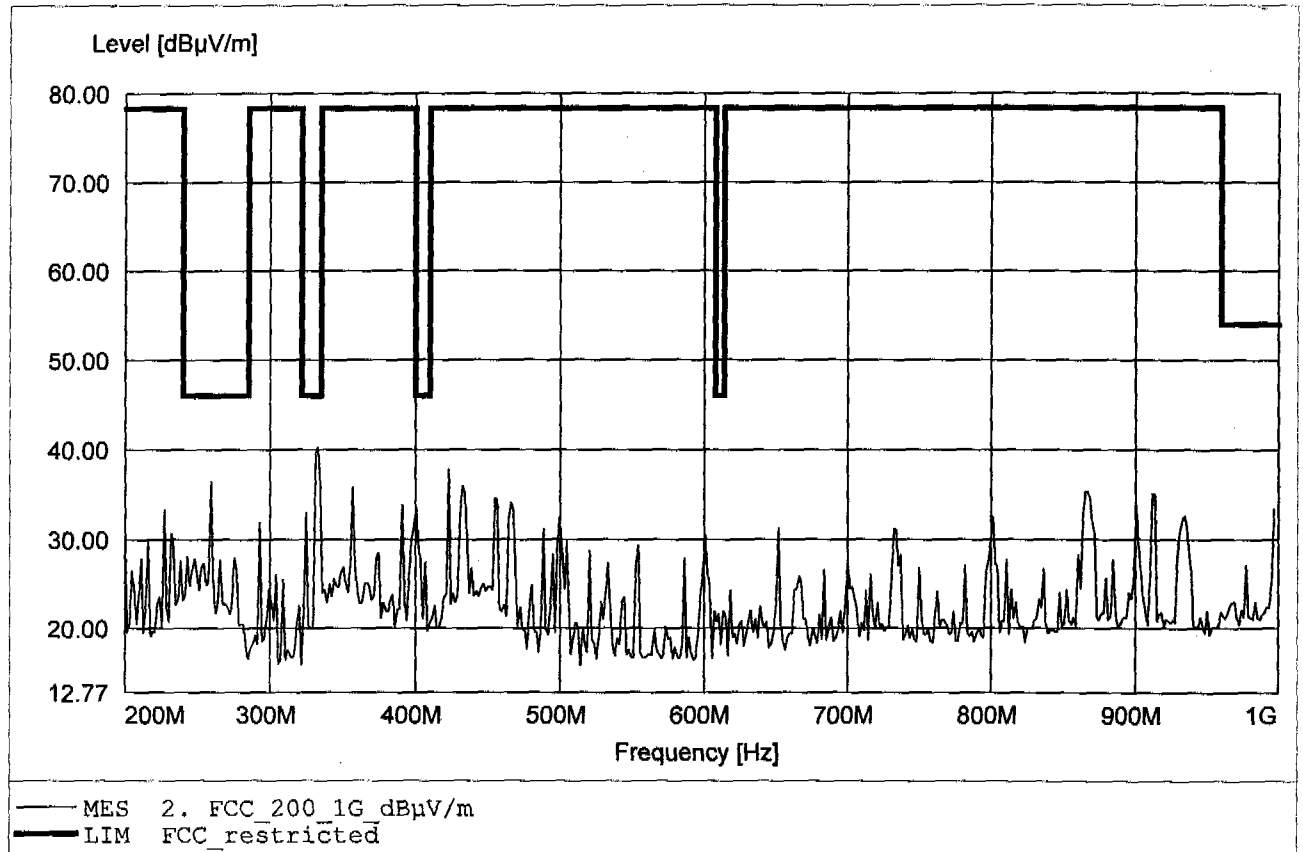
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:501.403MHz Pmax:41.85dBµV/m RBW:100KHz



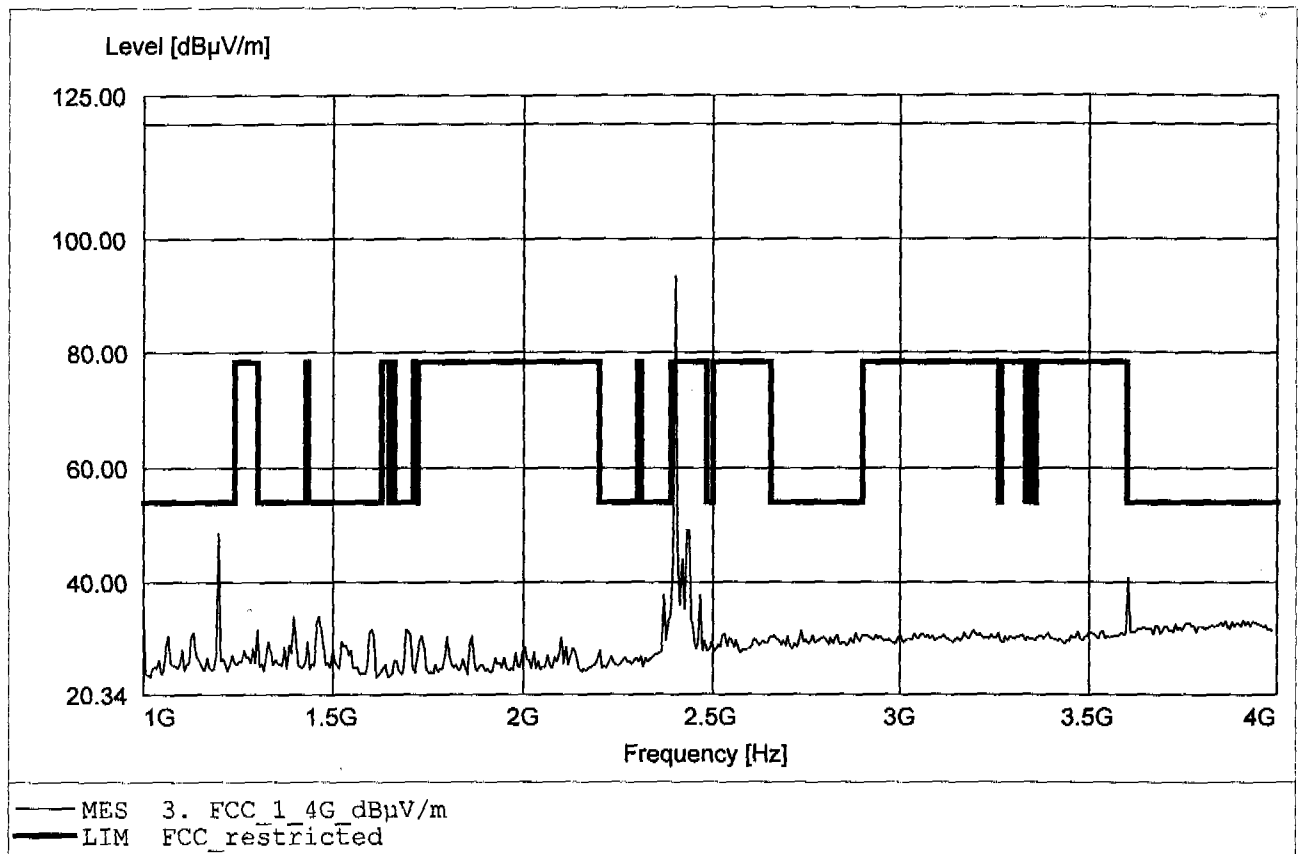
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq:333.066MHz Pmax:40.29dBµV/m RBW:100KHz



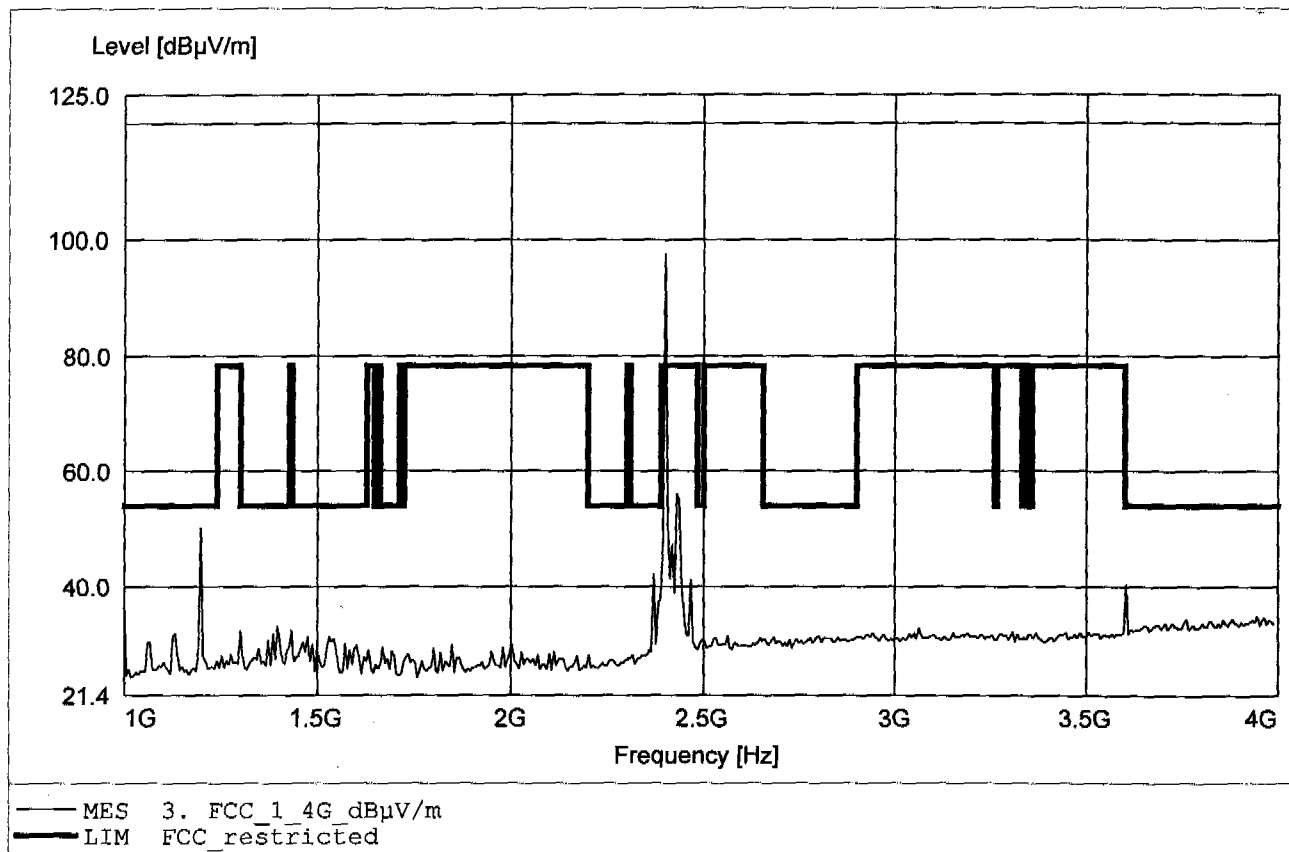
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.401GHz Pmax:93.37dBµV/m RBW:1MHz



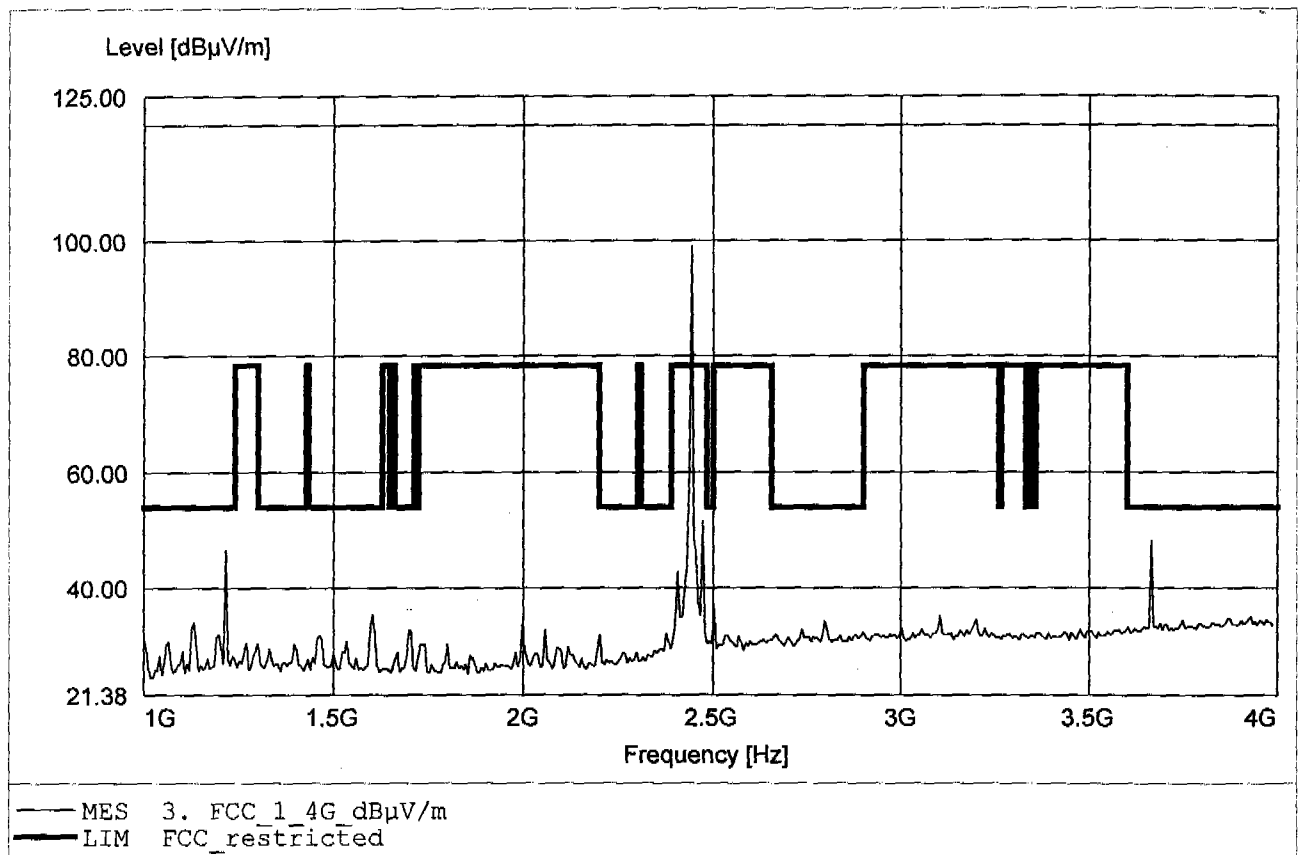
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.401GHz Pmax:97.56dBµV/m RBW:1MHz



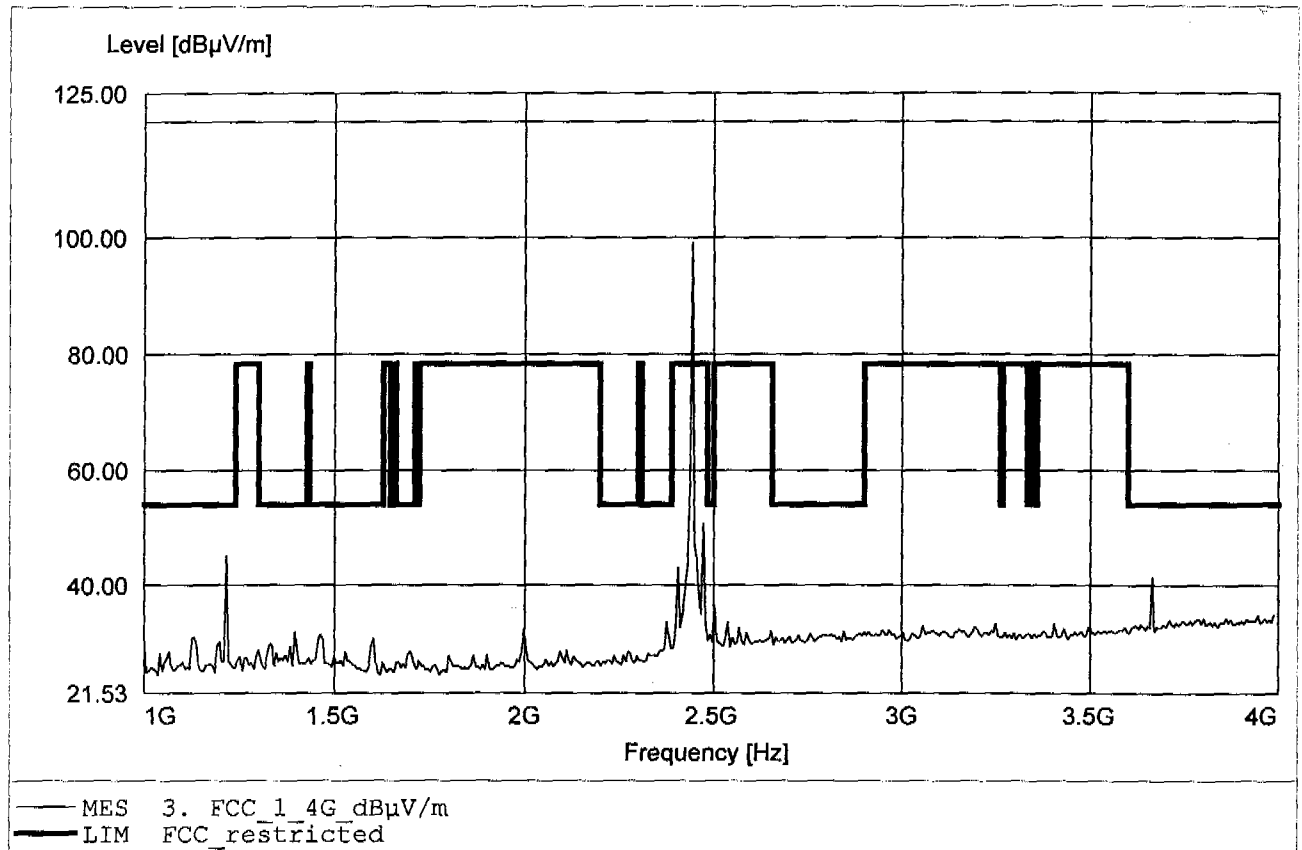
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.443GHz Pmax:99.02dBµV/m RBW:1MHz



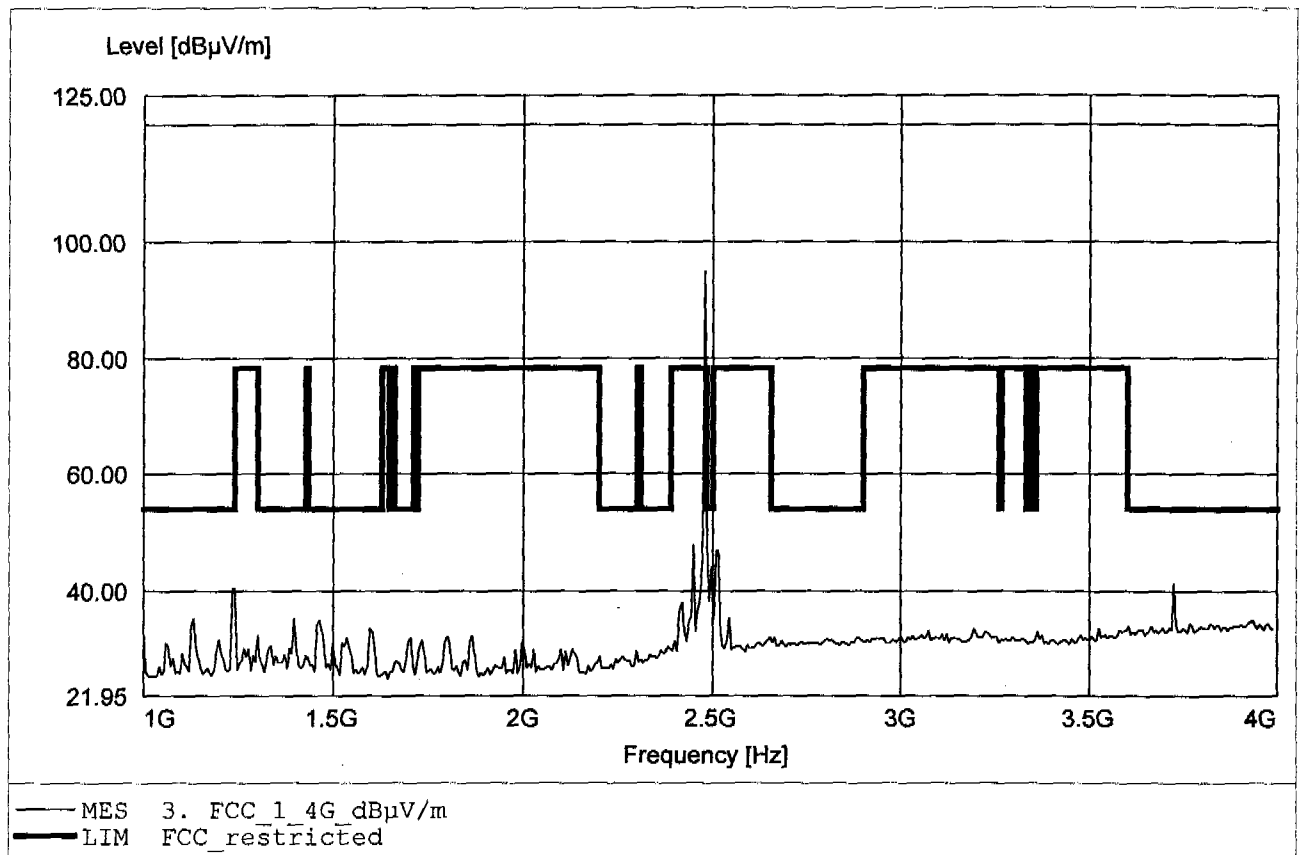
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.443GHz Pmax:99.10dBµV/m RBW:1MHz



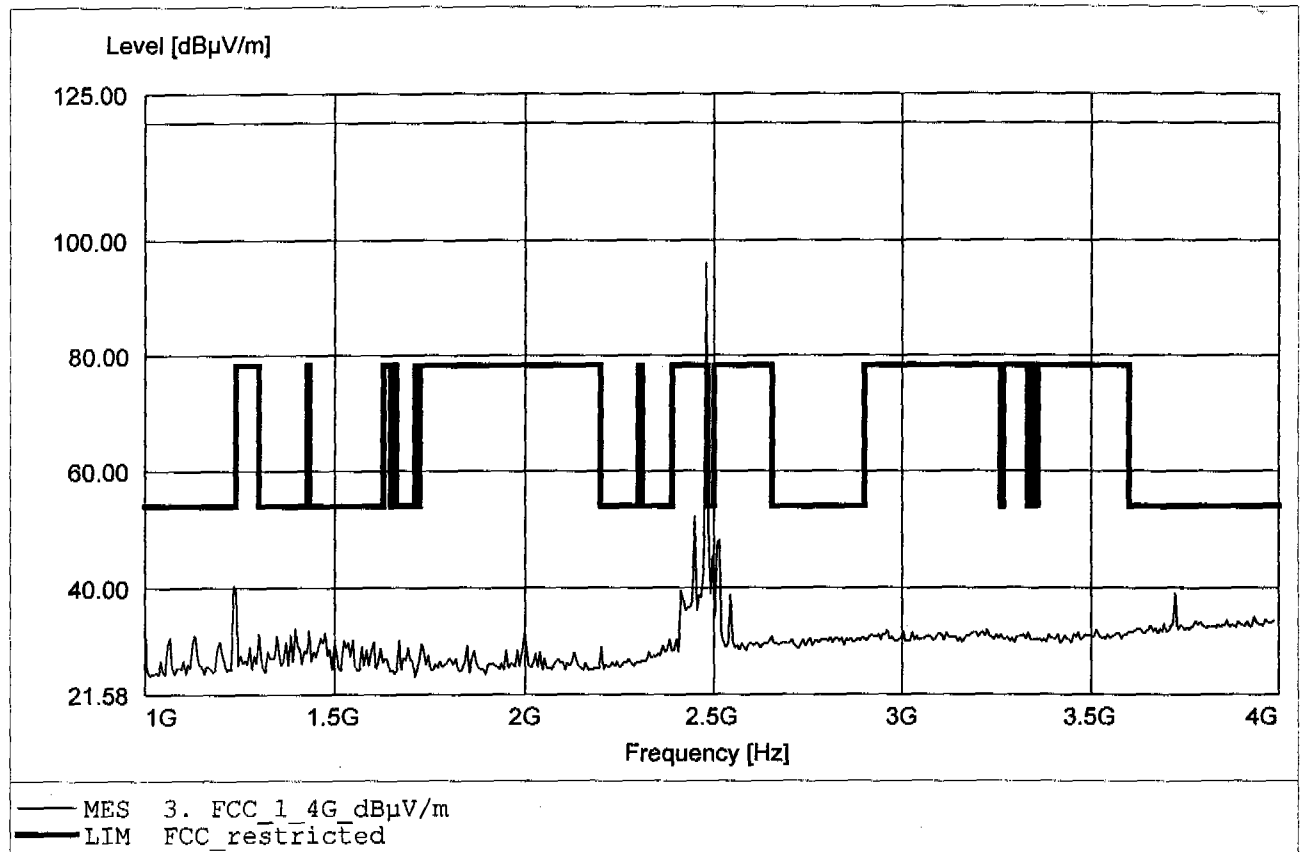
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.479GHz Pmax:94.92dBµV/m RBW:1MHz



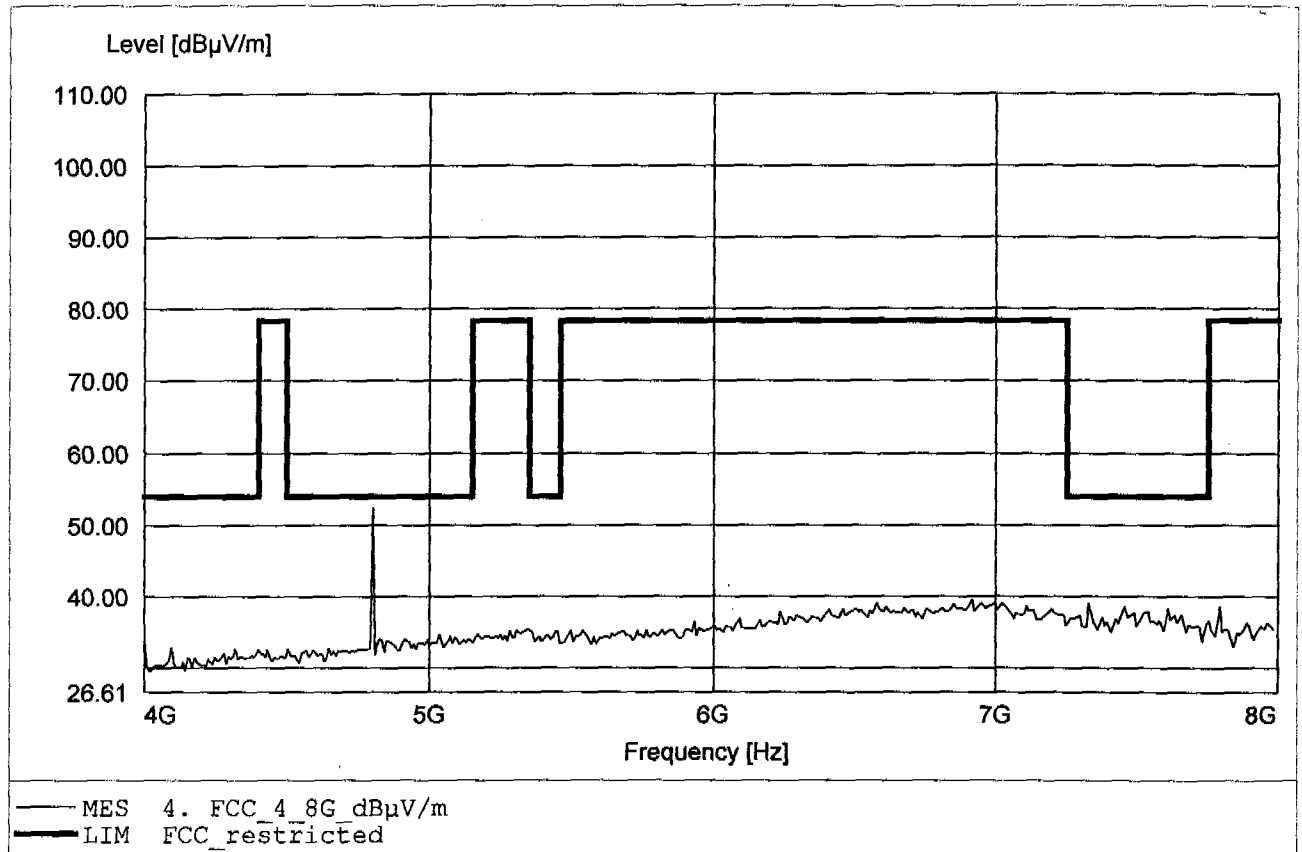
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:2.479GHz Pmax:96.10dBµV/m RBW:1MHz



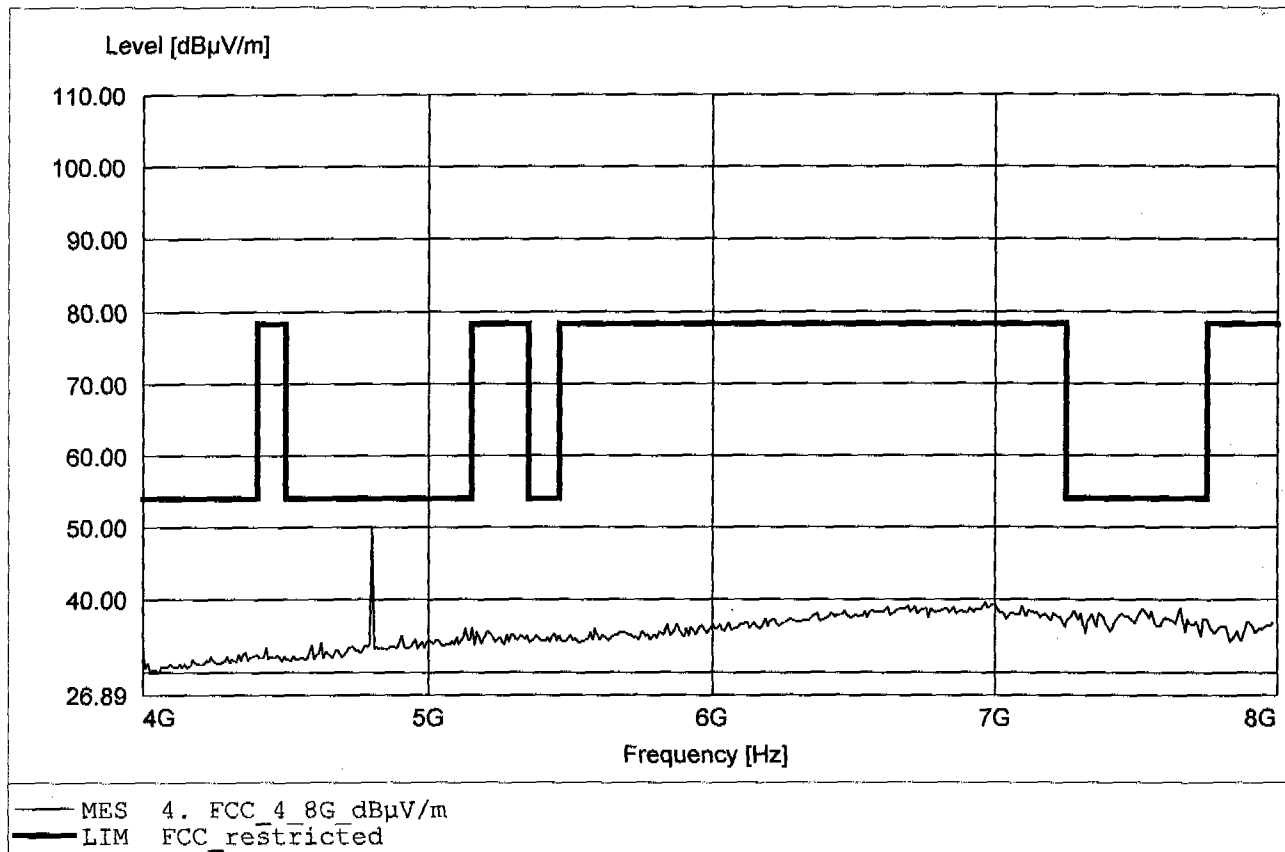
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:4.802GHz Pmax:52.37dBuV/m RBW:1MHz



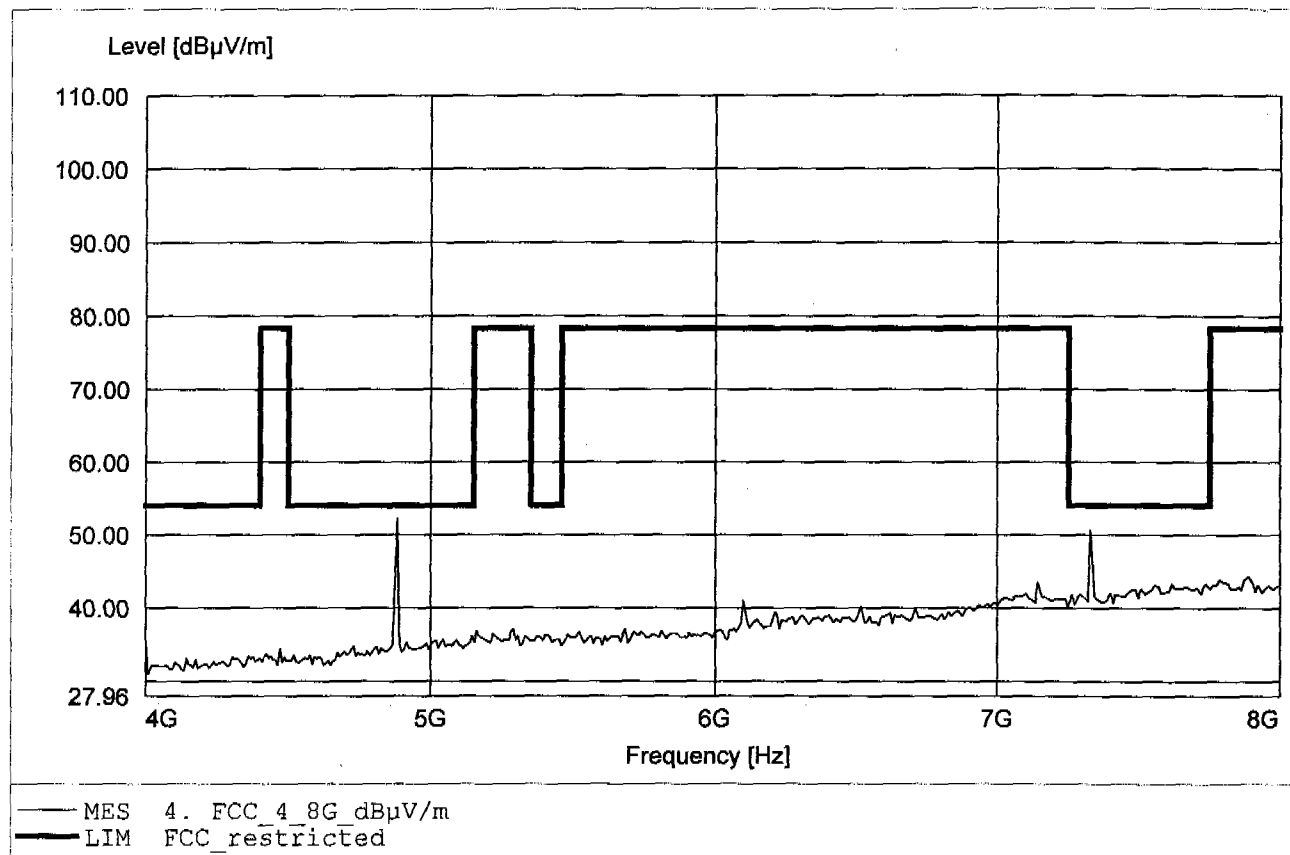
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:4.802GHz Pmax:49.88dBµV/m RBW:1MHz



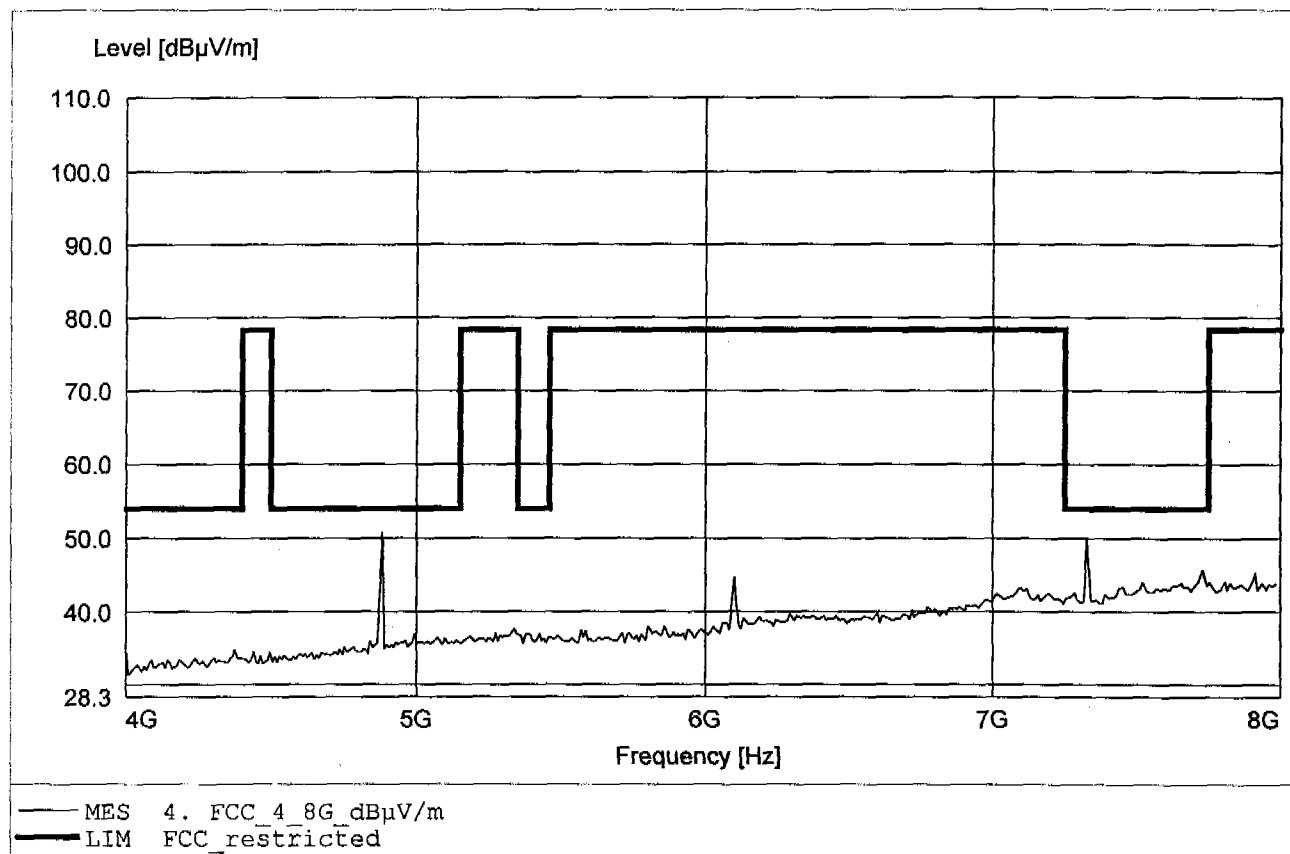
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:4.882GHz Pmax:52.26dBµV/m RBW:1MHz



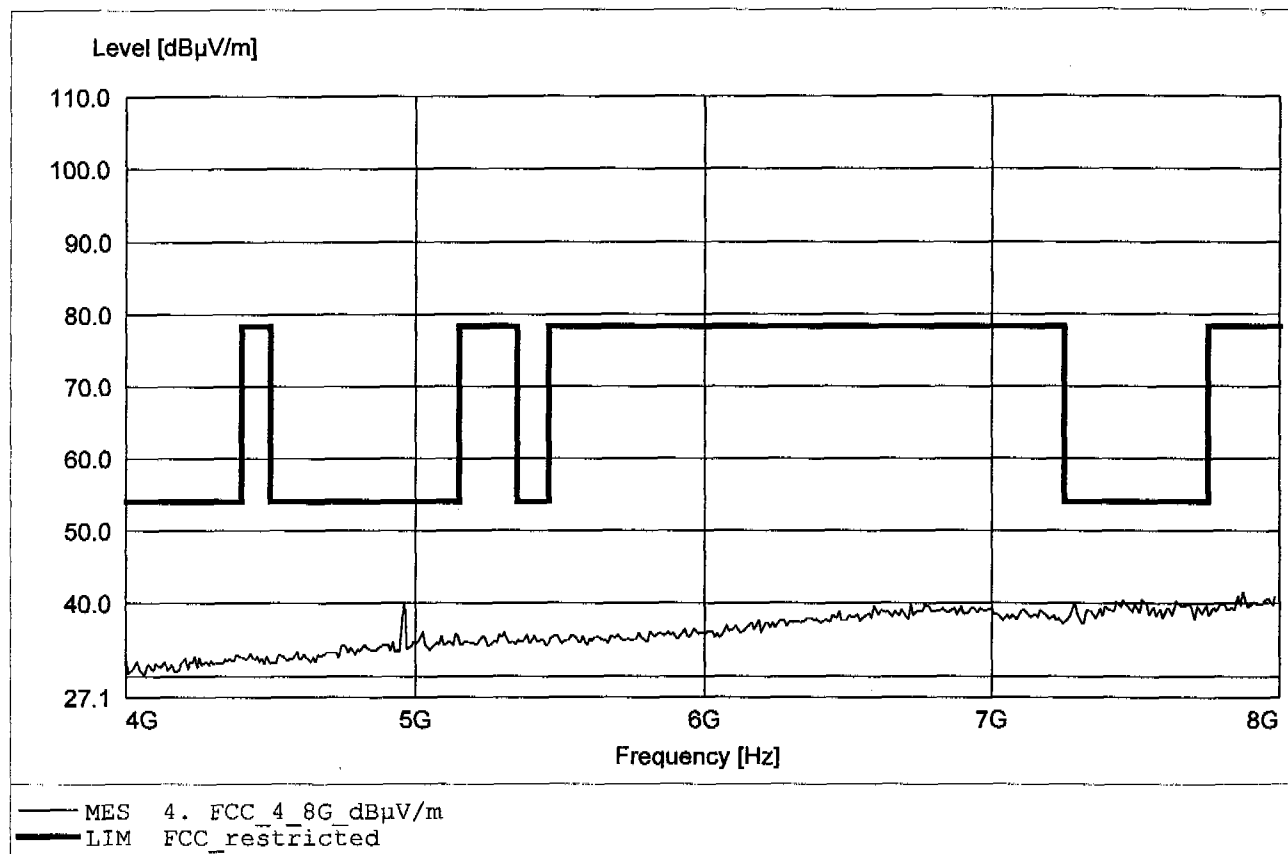
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:4.882GHz Pmax:50.73dBµV/m RBW:1MHz



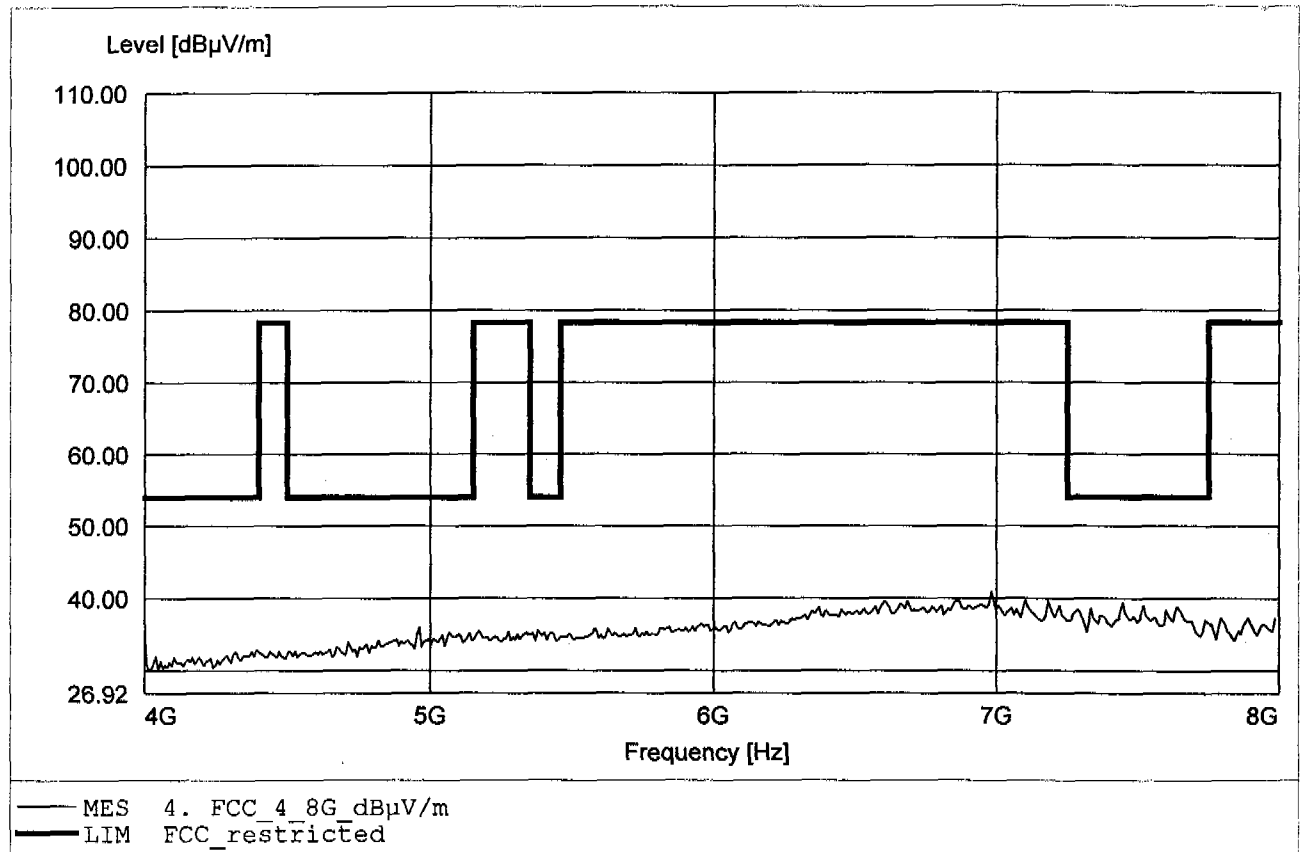
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:7.872GHz Pmax:41.59dBµV/m RBW:1MHz



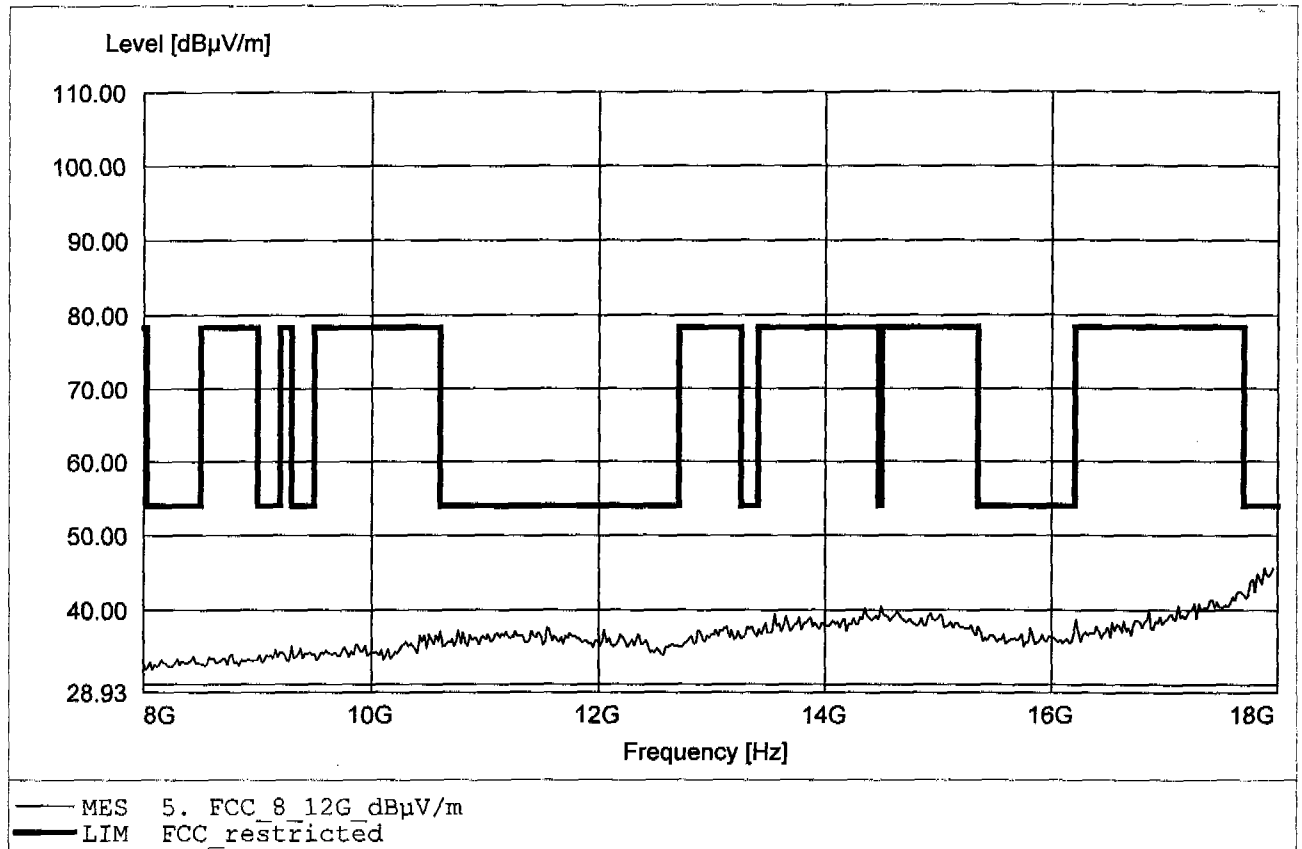
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:6.982GHz Pmax:40.91dBµV/m RBW:1MHz



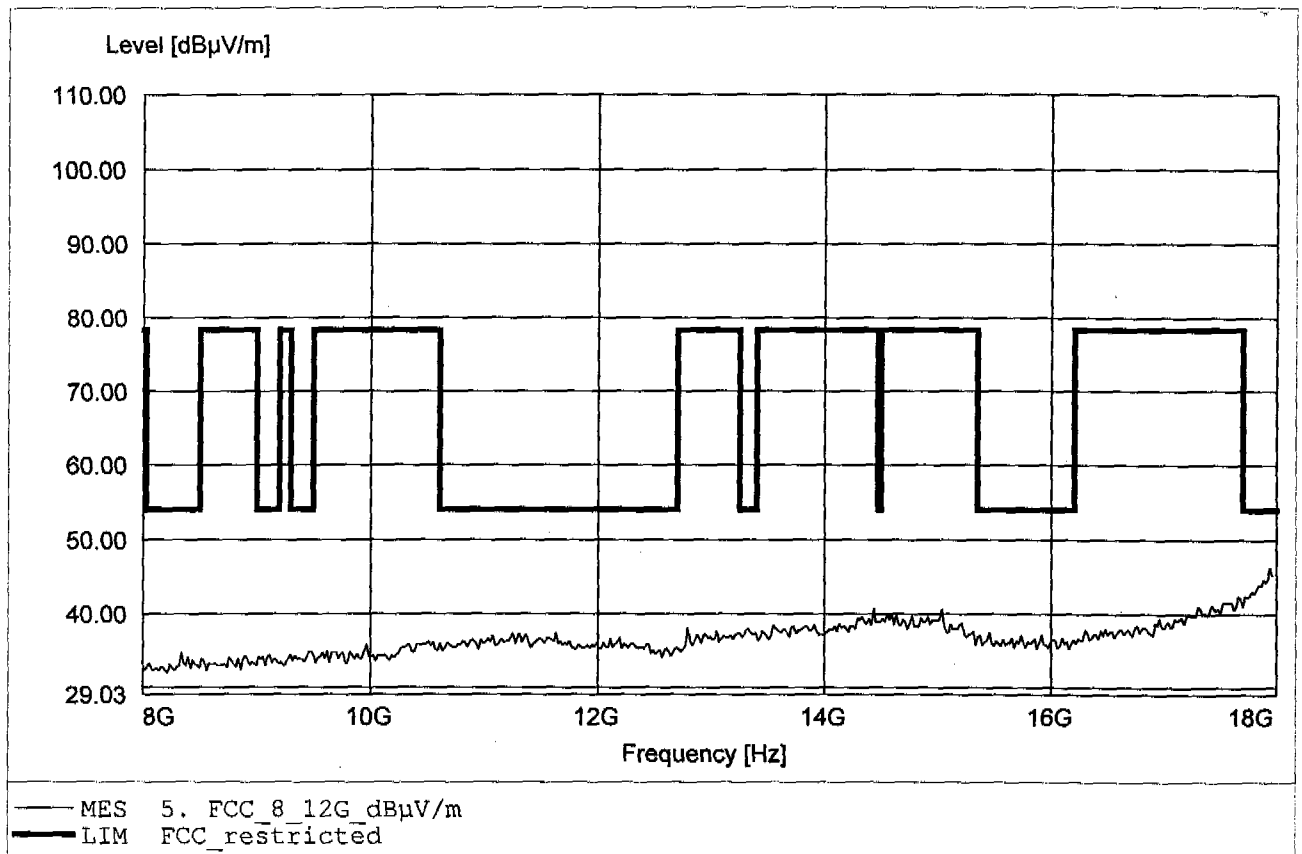
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.880GHz Pmax:45.70dBµV/m RBW:1MHz



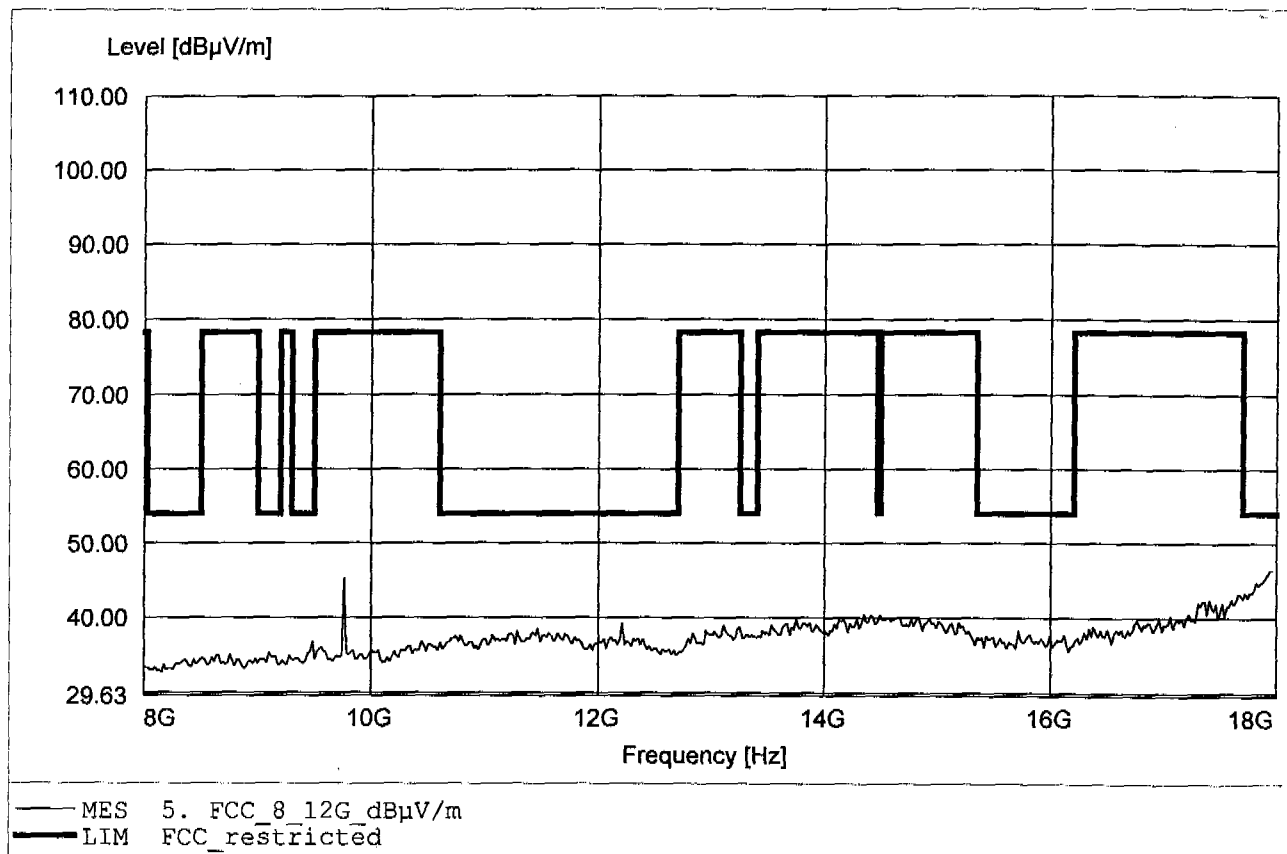
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
 Applicant: Brain Boxes
 Model : BTA-NW1
 Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
 Test Site / Operator: ETS / Mr. Kuß
 Test Specification: according to § 15.247
 Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
 Comment 2: Freq:17.940GHz Pmax:46.38dBµV/m RBW:1MHz



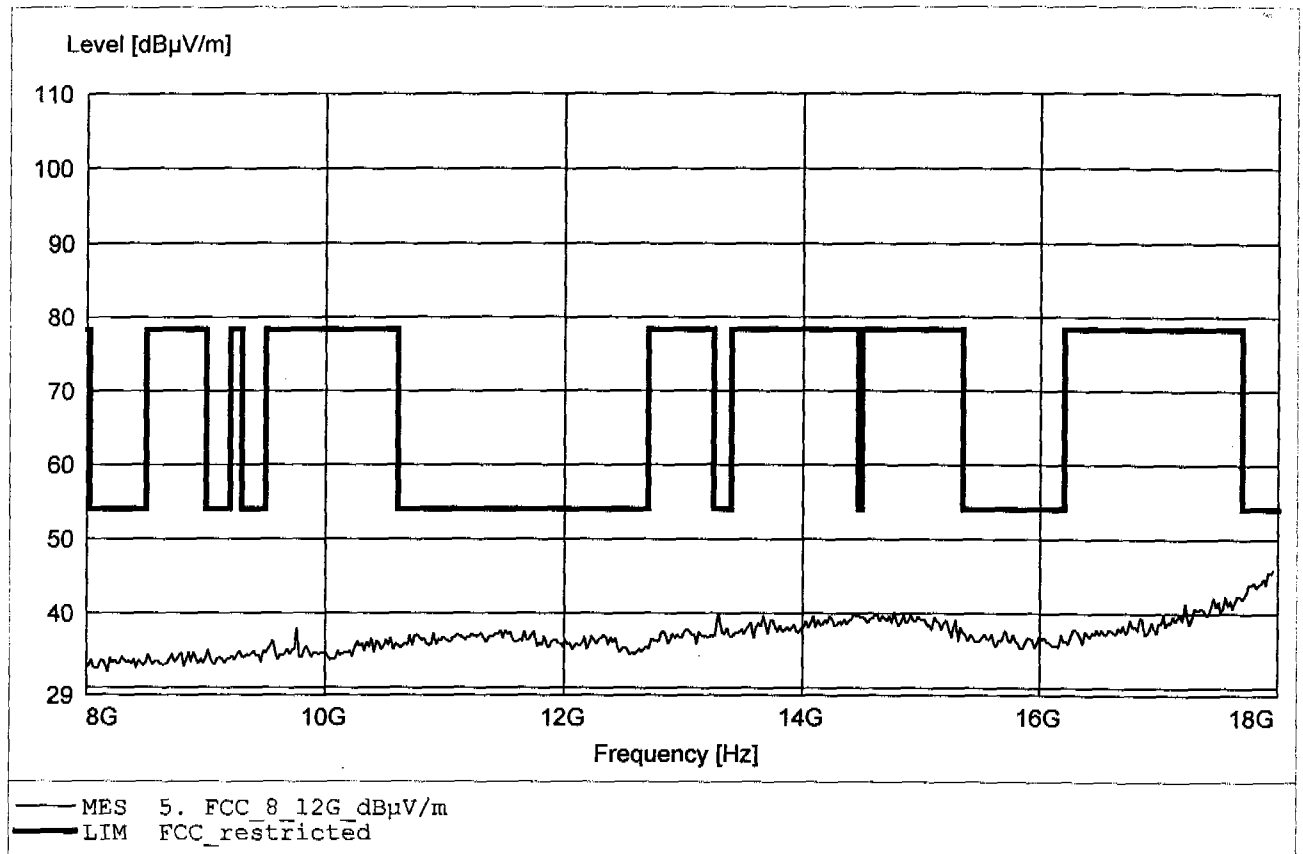
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
 Applicant: Brain Boxes
 Model : BTA-NW1
 Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
 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:46.43dBµV/m RBW:1MHz



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

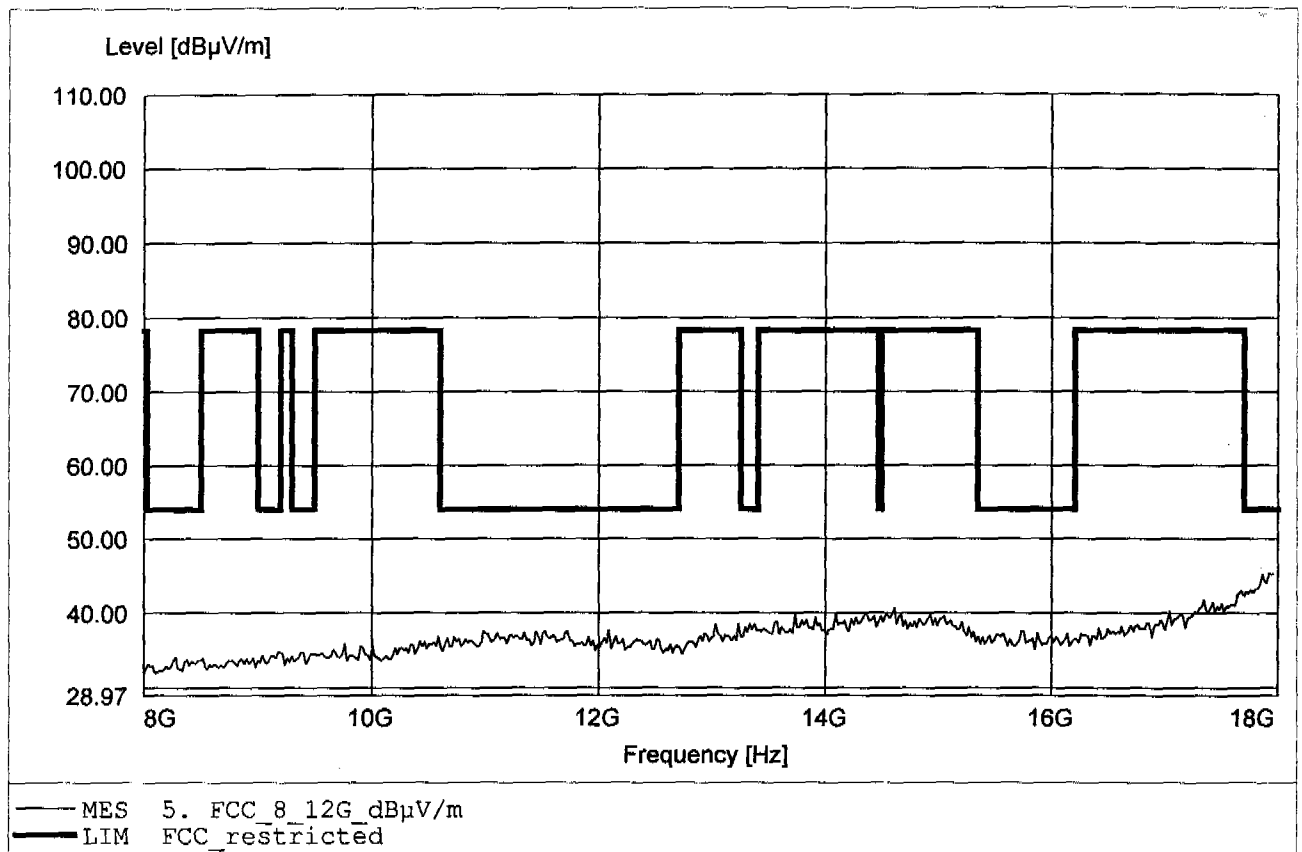
EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.960GHz Emax:45.91dBµV/m RBW:1MHz



```

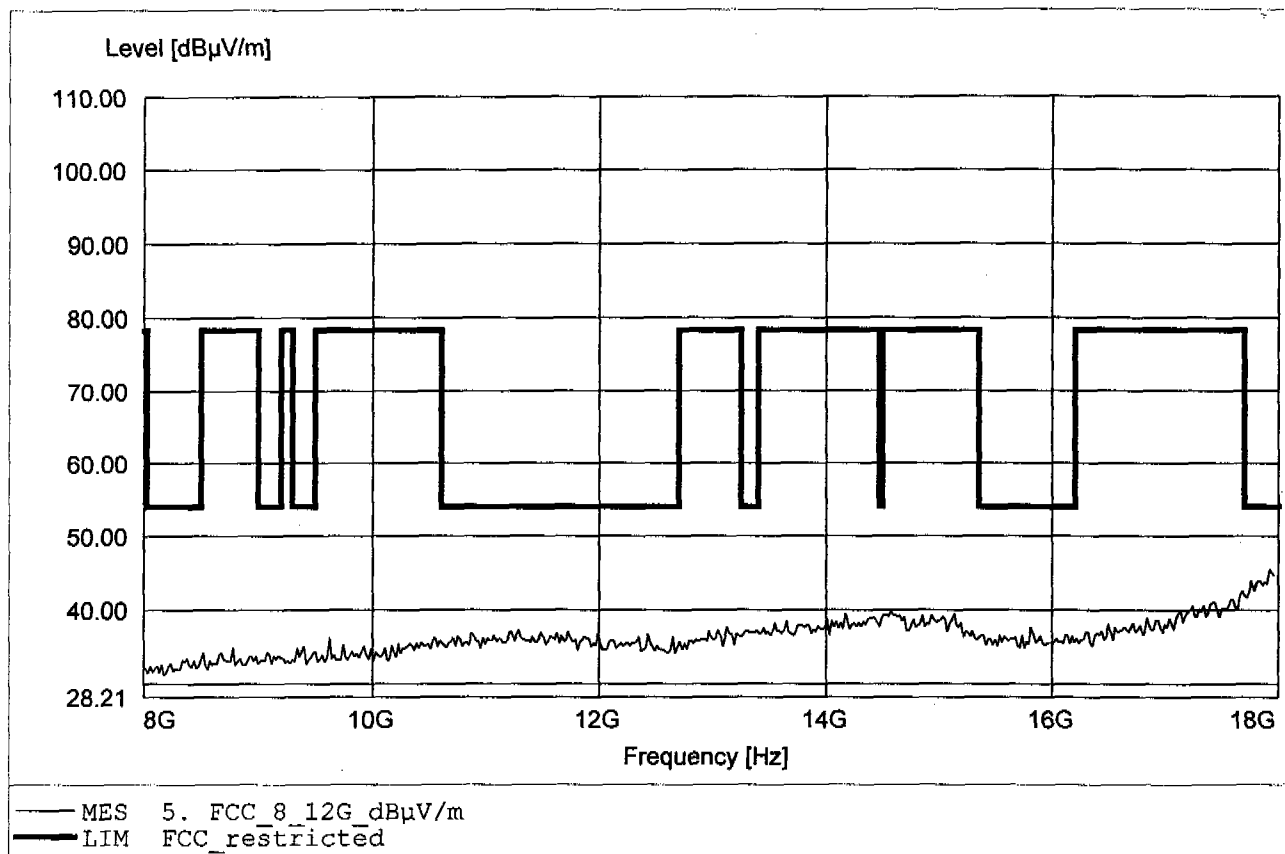
EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC ( adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.920GHz Pmax:45.36dBuV/m RBW:1MHz

```



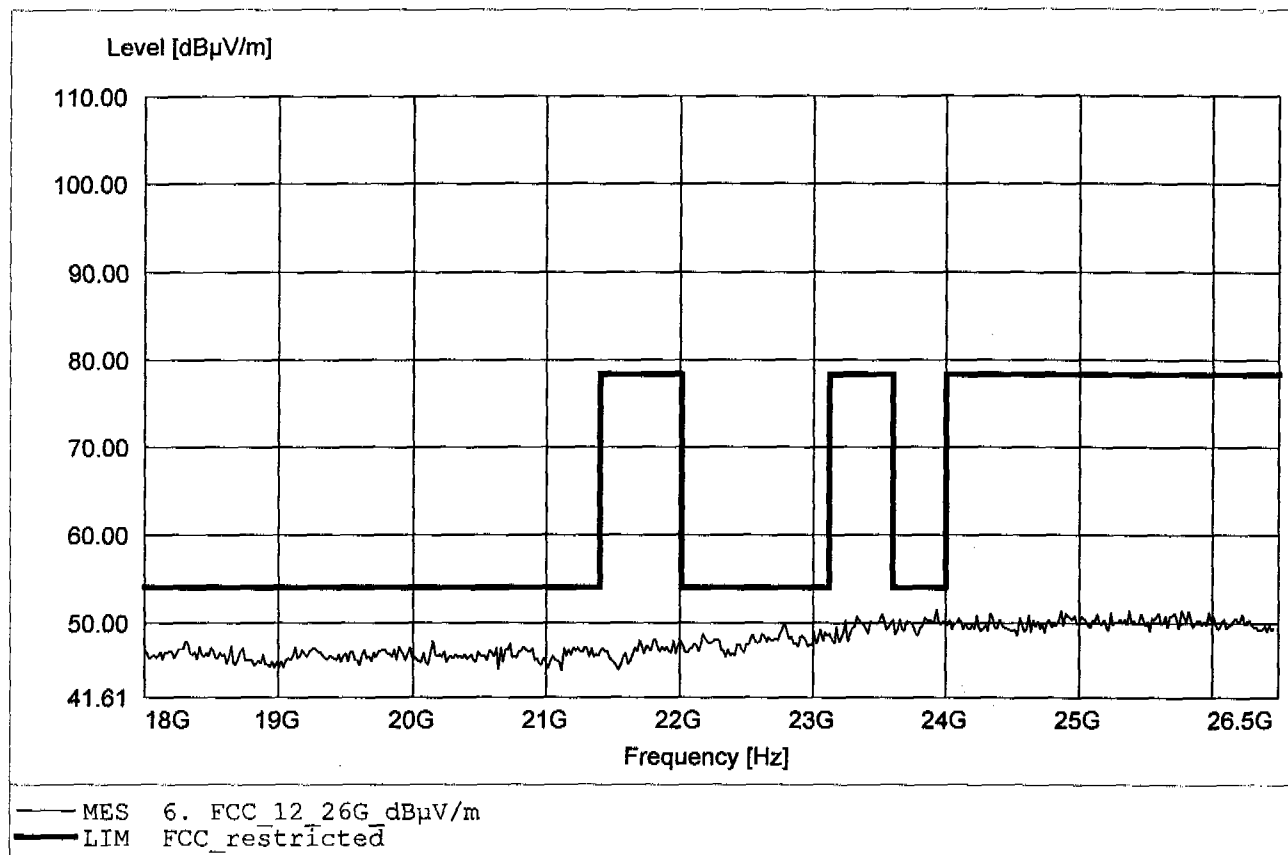
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq:17.920GHz Pmax:45.46dBµV/m RBW:1MHz



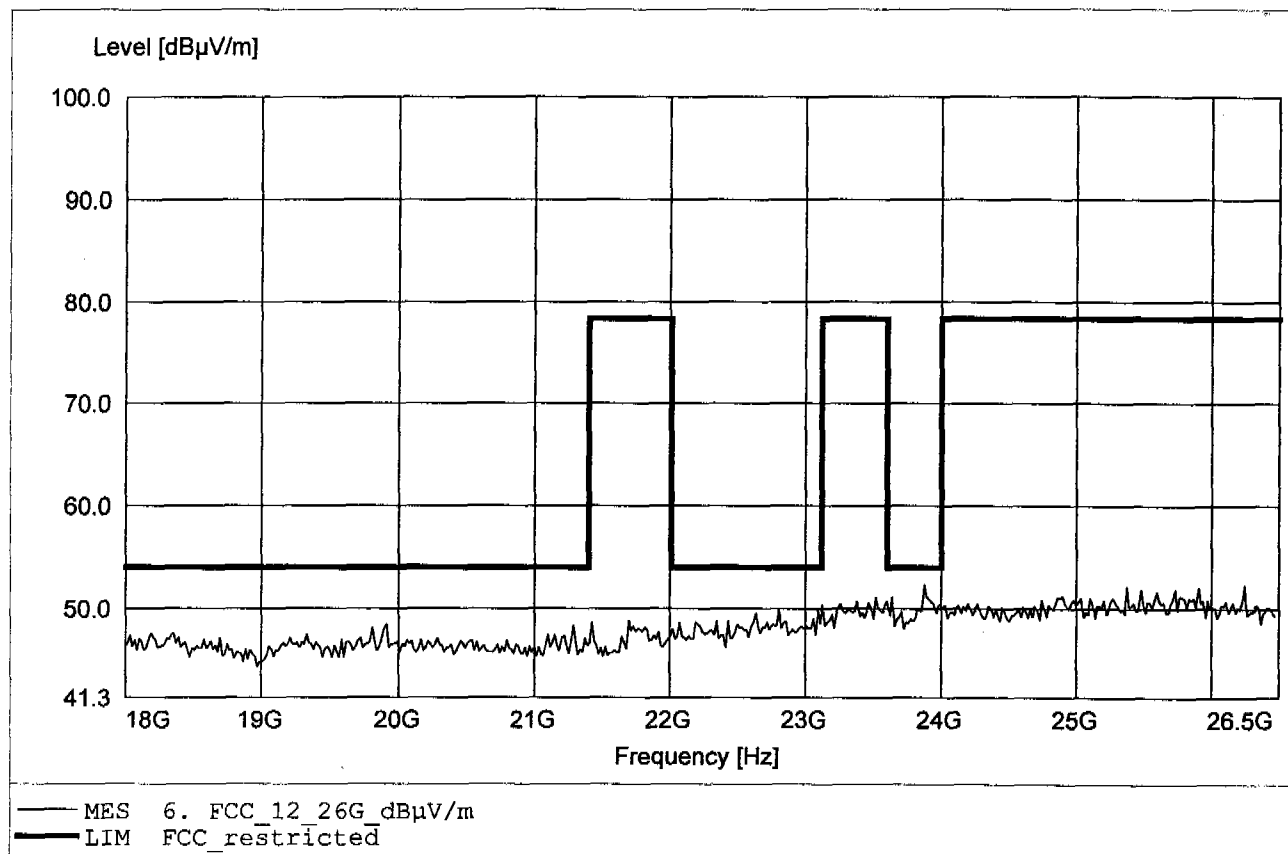
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:23.928GHz Pmax:51.54dBµV/m RBW:1MHz



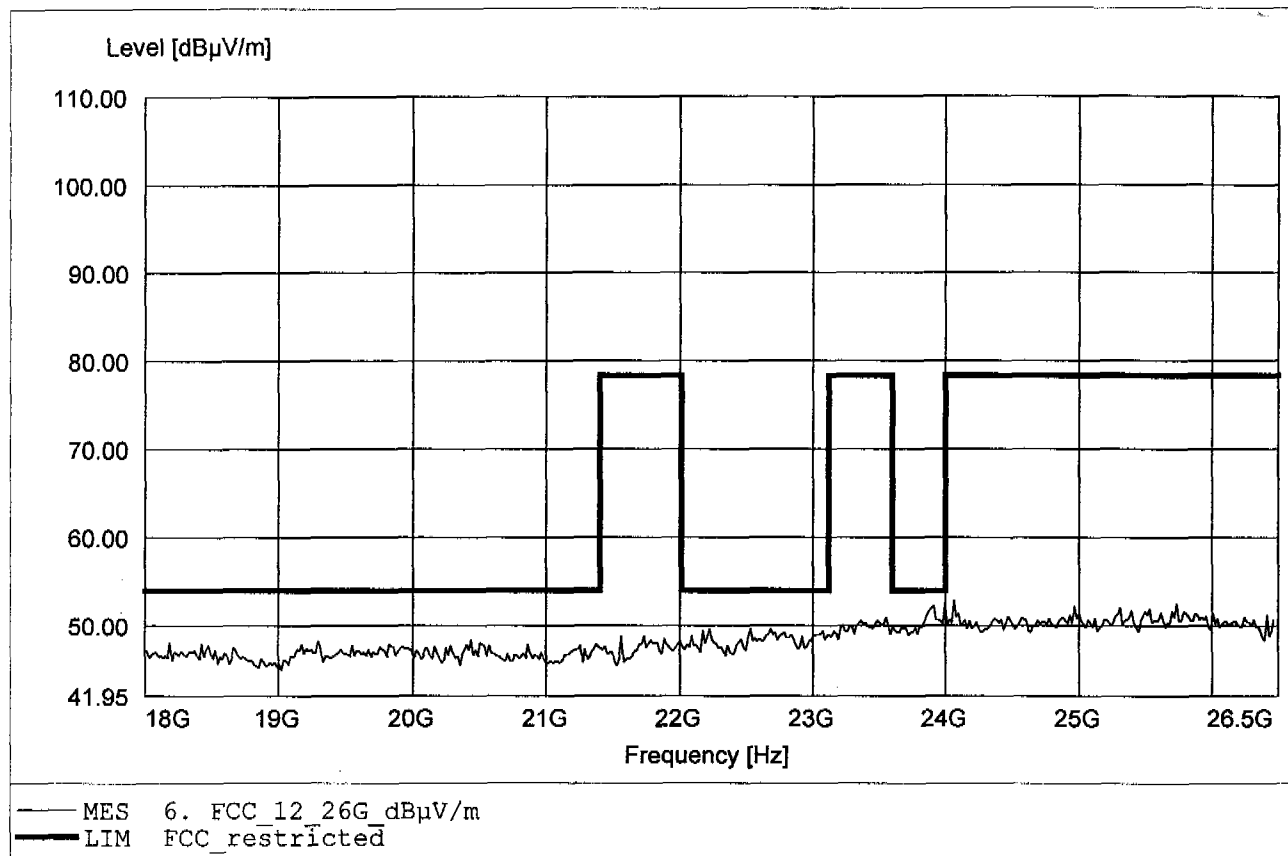
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2402, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:26.244GHz Pmax:52.33dBµV/m RBW:1MHz



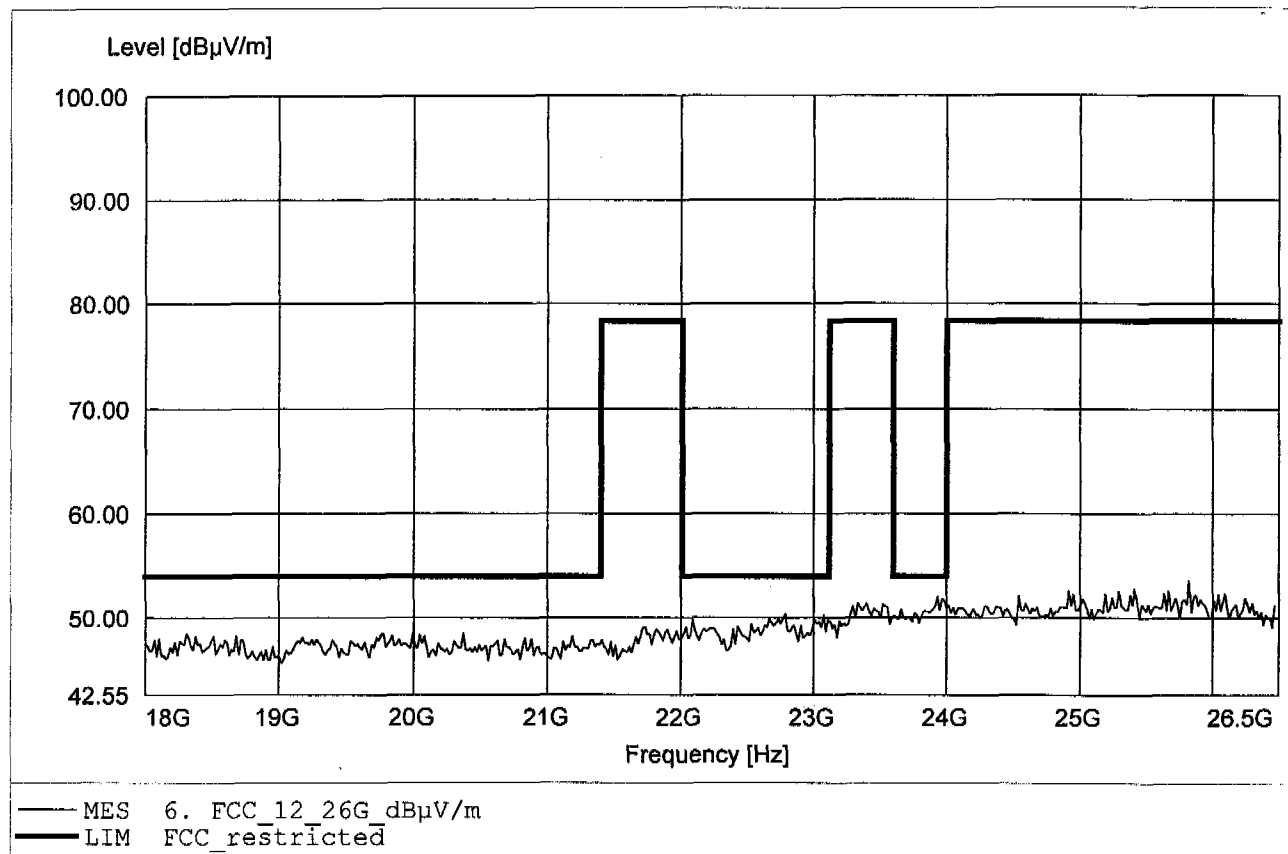
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:24.064GHz Emax:52.92dBµV/m RBW:1MHz



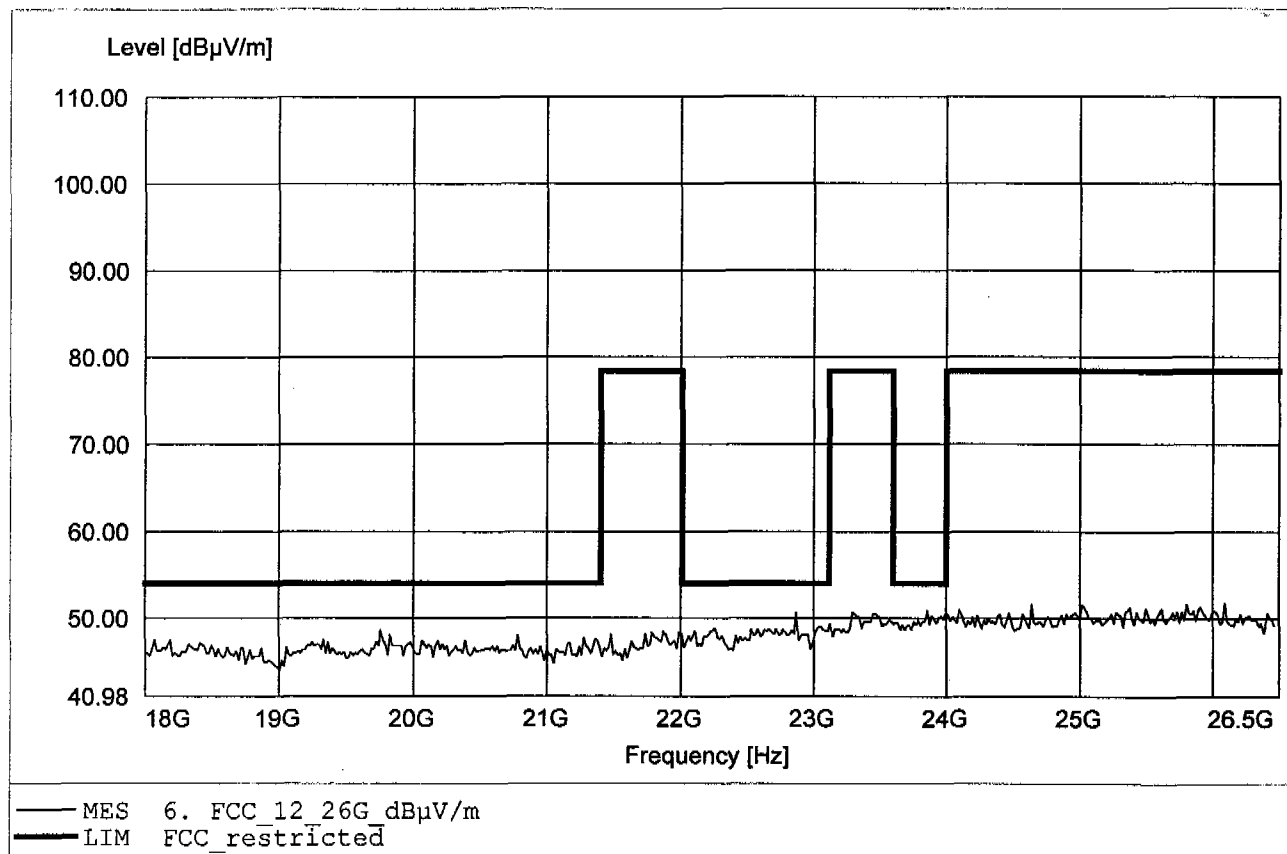
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flasch / BL 565 (2441 MHz, Pmax)
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
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:53.61dBµV/m RBW:1MHz



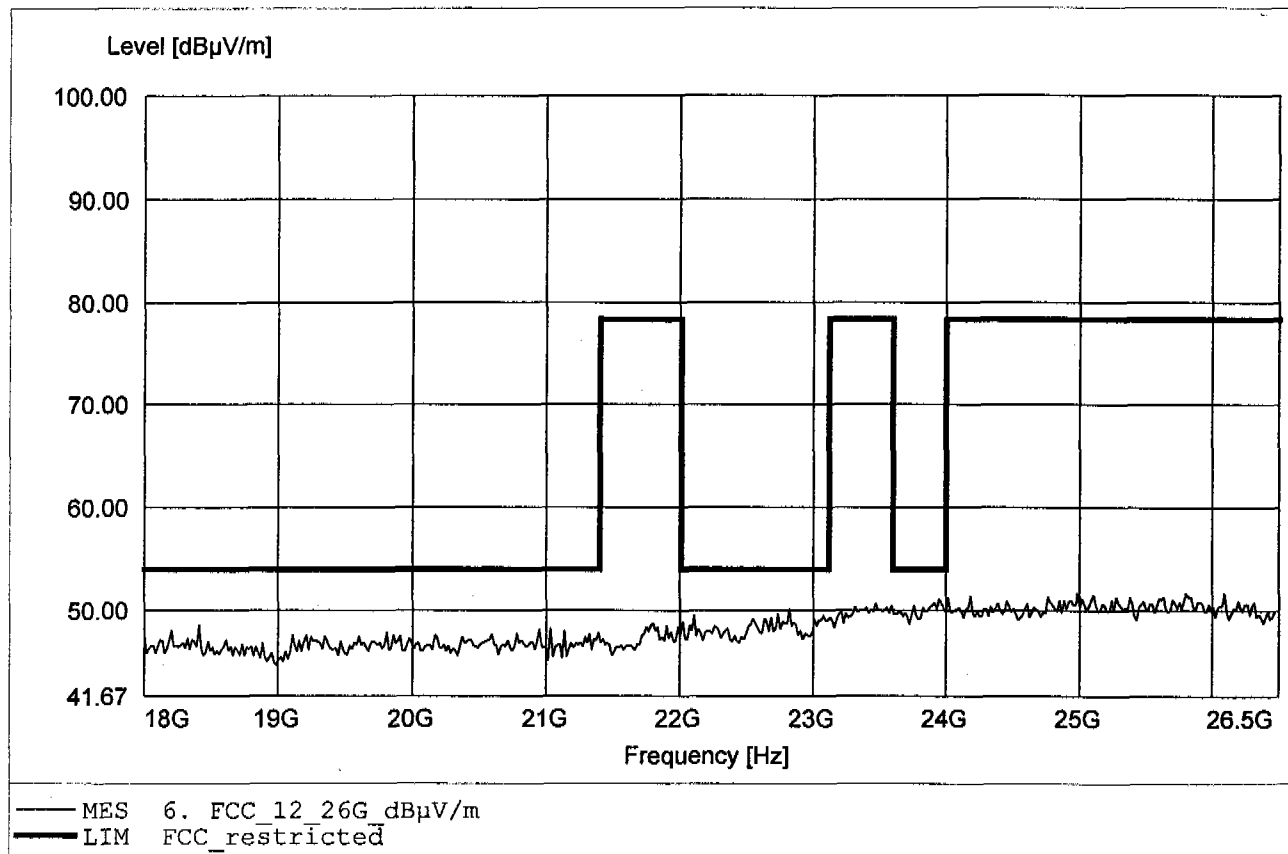
Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:26.091GHz Pmax:51.83dBµV/m RBW:1MHz



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

EUT: Compact flash / BL 565 / TX 2480, Pmax
Applicant: Brain Boxes
Model : BTA-NW1
Temperature/ Voltage: Tnom=25 °C / Unom= 230V AC (adaptor)
Test Site / Operator: ETS / Mr. Kuß
Test Specification: according to § 15.247
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:26.091GHz Pmax:51.81dBµV/m RBW:1MHz



Appendix D

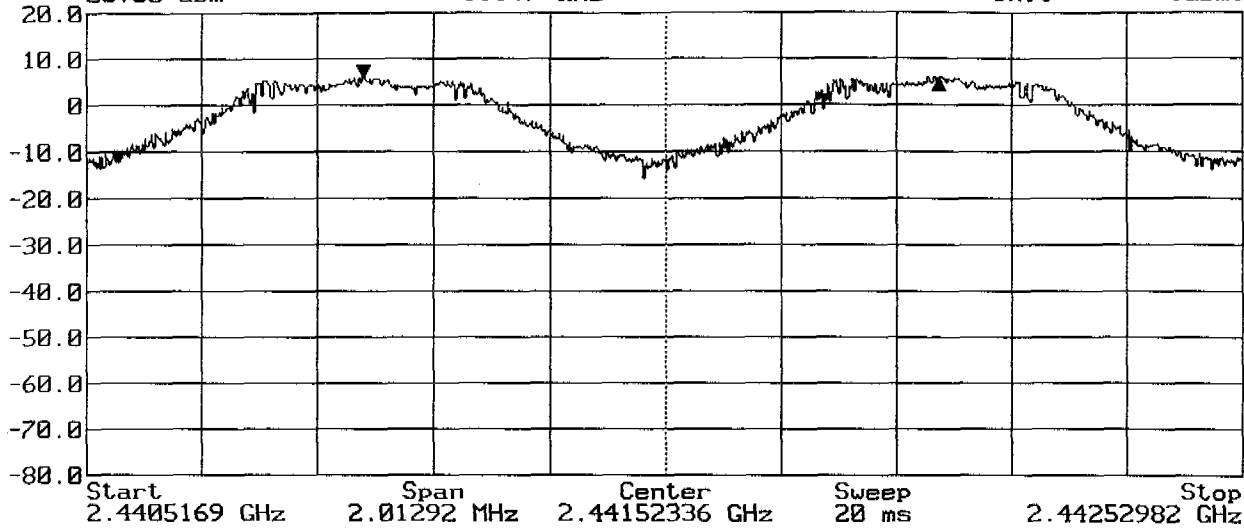
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



Date 10.Apr.'1 Time 14:33:55 Res.Bw 100.0 kHz[3dB] Vid.Bw 100 kHz
Ref.Lvl 20.00 dBm Delta -0.07 dB CF.Stp 201.292 kHz RF.Att 50 dB
Unit [dBm]



Carrier Frequency Separation

Appendix F

Number of Hopping Frequencies

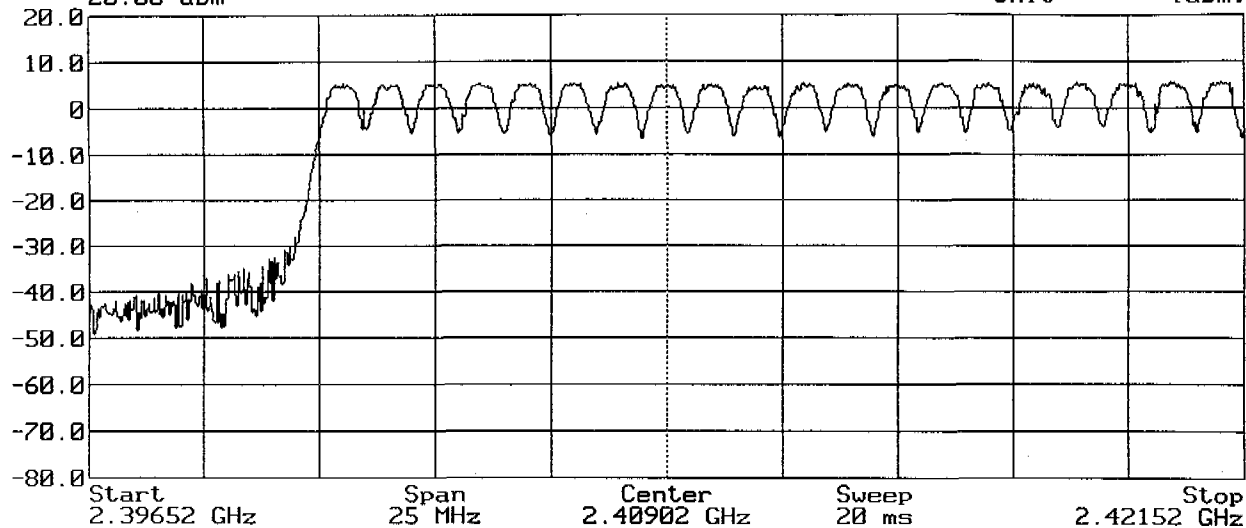


Date 10.Apr.'11 Time 13:59:08
Ref.Lvl
20.00 dBm

TRG

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

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

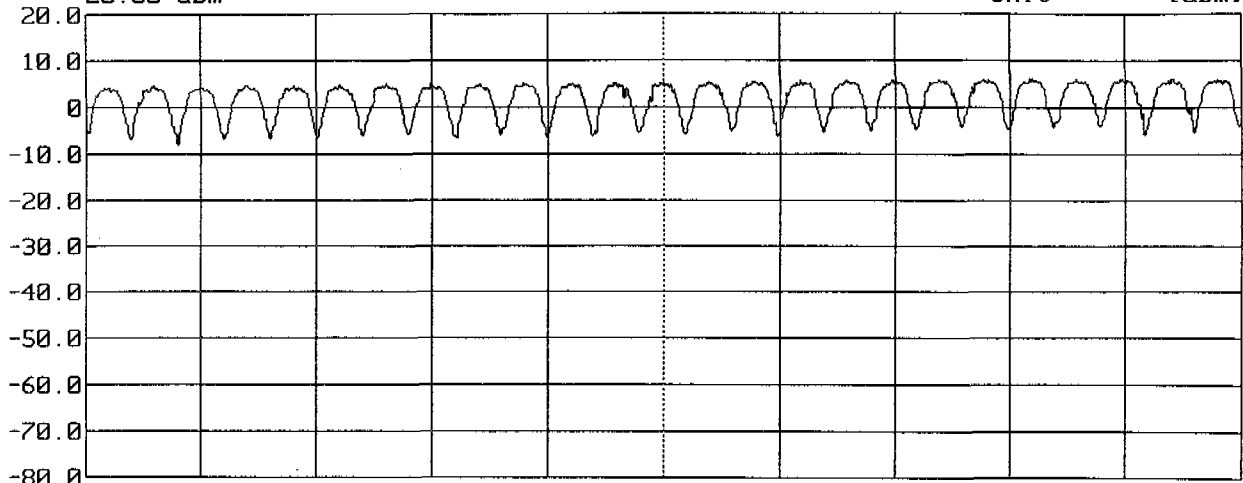


Number of Hopping
Ch: 1-20



Date 10.Apr.'11 Time 14:09:31
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

Number of Hopping
Ch: 21-45

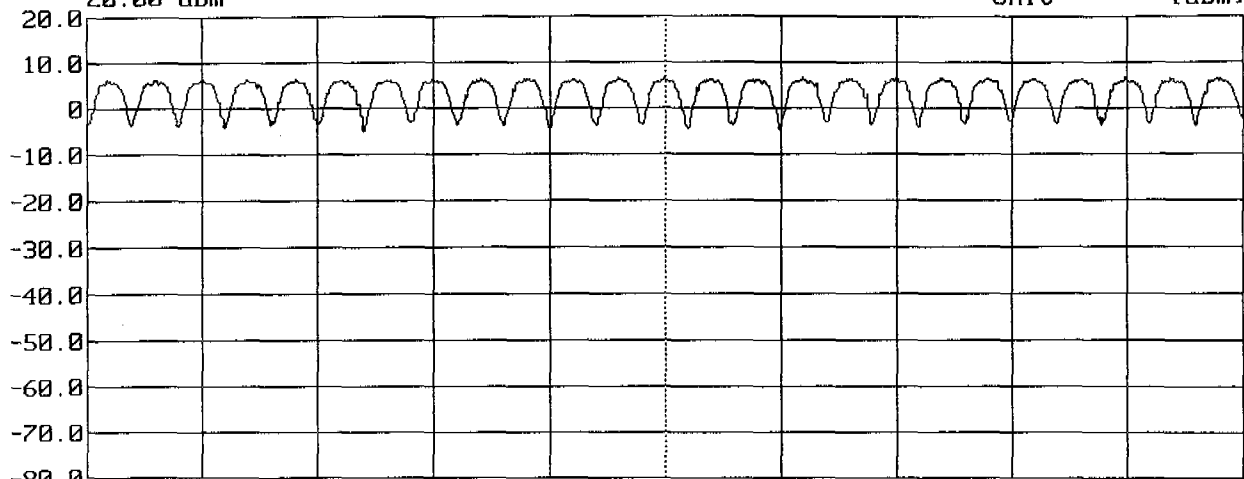


Date 10.Apr.'11 Time 14:15:42

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
2.44652 GHz

Span
25 MHz

Center
2.45902 GHz

Sweep
20 ms

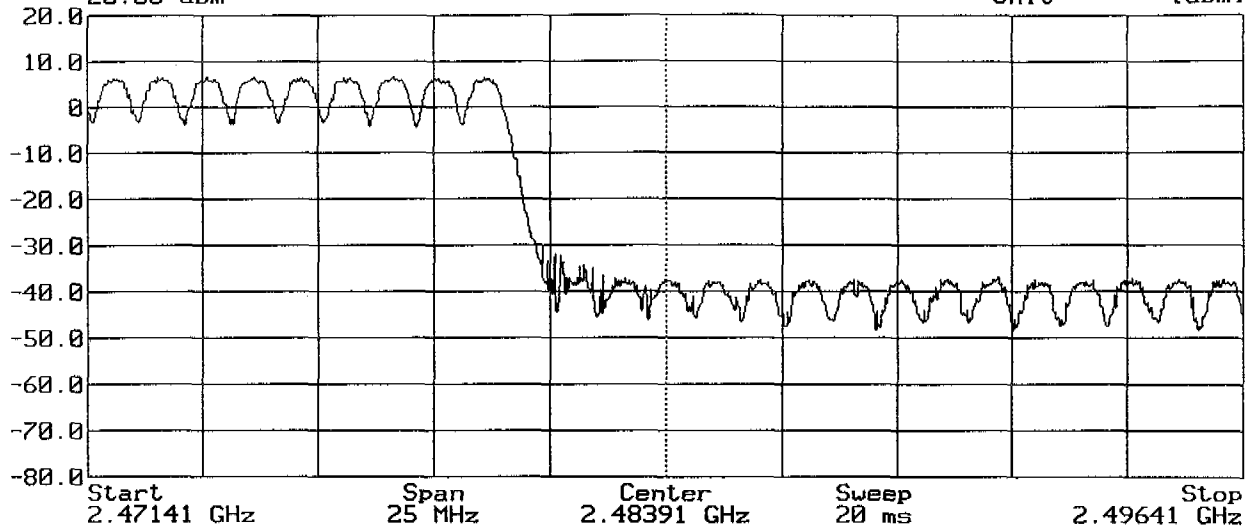
Stop
2.47152 GHz

Number of Hopping
Ch: 46-70



Date 10.Apr.'1 Time 14:19:51
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]



Number of Hopping
Ch: 71-79

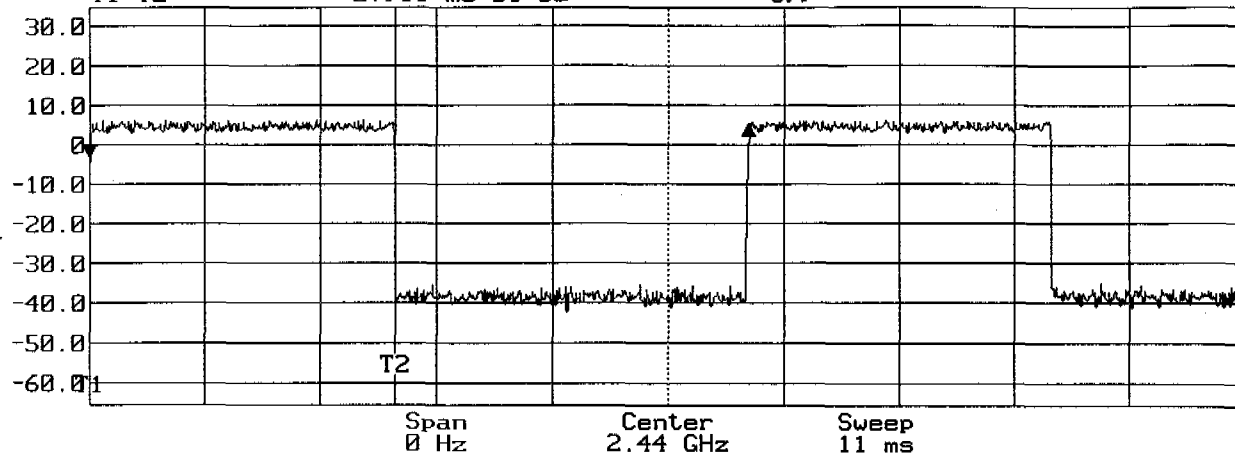
Appendix G

Time of Occupancy (Dwell Time)



LULOFF TRG
Date 10.Apr.'1 Time 15:01:24 Res.Bw 3.0 MHz[3dB] Vid.Bw 100 kHz
Ref.Lvl Delta 8.46 dB CF.Stp 300.000 kHz RF.Att 30 dB
34.50 dBm 6.266 ms Unit [dBm]

T1 0 s D1 OFF
T2 2.911 ms D2 OFF
T1-T2 2.911 ms D1-D2 OFF



Dwell Time

Appendix H

20dB Bandwidth

EUT Address: 0000008037122094 hex
Tester Address: 0000008037122094 hex
Active Member Address: 00000007 hex
Access Code from EUT: AD59EE5328A41120D5 hex
Access Code from SU: AD59EE5328A41120D5 hex
Burst Distance: 10 Time Slots
Trigger for SU: Not supported
Power Control: Supported
Add. Transmission (Receive): 0.000 dB
Add. Transmission (Transmit): 0.000 dB
Longest Packet Type: DH5
Voltage Value 1: 230.000 Volt
Voltage Value 2: 0.000 Volt
Temperature: 25.000 Deg C

Next measurement will be running with the following parameter:

Voltage: Middle
Temperature: Middle
Power Mode: Maximum Power
Measurement: Conducted
EUT Test Mode: Loopback
B1 Data From File: No
B1 Signal Packet Type: DH1
B1 Signal Pattern: PRBS 9
Whitening: Yes
EUT Tx Frequency: 2402.000 MHz
EUT Rx Frequency: 2480.000 MHz
Measurement Frequency Start: 2401.000 MHz
Measurement Frequency Stop: 2403.000 MHz
B1 Signalling Level: -58.000 dBm

Operator intervention start at 2001-02-19, 16:32:49
Intervention Type 'Please bring the EUT into test mode LOOP BACK'
Operator intervention end at 2001-02-19, 16:32:56
Operator intervention start at 2001-02-19, 16:33:03
Intervention Type 'Please set the EUT TX Frequency to 2402.000000 MHz'
Operator intervention end at 2001-02-19, 16:33:07
Operator intervention start at 2001-02-19, 16:33:07
Intervention Type 'Please set the EUT RX Frequency to 2480.000000 MHz'
Operator intervention end at 2001-02-19, 16:33:08
Measured low bandwidth frequency: 2401.516 MHz
Measured high bandwidth frequency: 2402.480 MHz

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2402.000	20 dB Bandwidth	0.964 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 2001-02-19, 16:33:23
Intervention Type 'Please set the EUT IX Frequency to 2441.000000 MHz'
Operator intervention end at 2001-02-19, 16:33:44
Operator intervention start at 2001-02-19, 16:33:44
Intervention Type 'Please set the EUT RX Frequency to 2402.000000 MHz'
Operator intervention end at 2001-02-19, 16:33:45
Measured low bandwidth frequency: 2440.544 MHz
Measured high bandwidth frequency: 2441.476 MHz

FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2441.000	20 dB Bandwidth	0.932 MHz	<= 1.000 MHz	PASS

=====

ROHDE & SCHWARZ Certific. Bluetooth Test System TS8960 SW Version: bl_22

Program name: tc_AllPower program revision: 1.83

All Power Measurement Test Cases

=====

Test Case started: 2001-02-19, 16:32:39 (ets_1)

Report File: /home/ts8960/project/ts8960/sw/ALE/tc/dat/bl_565/bl_565.mm.rep

Eut file: bl_565

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

Some of the requested devices are Not Present >>>WARNING<<<
NGSM A Not Present, not initialized >>>WARNING<<<
NGSM B Not Present, not initialized >>>WARNING<<<
CLIMA RUS Not Present, not initialized >>>WARNING<<<
Operator intervention start at 2001-02-19, 16:32:39
Intervention Type 'Please reset the EUT'
Operator intervention end at 2001-02-19, 16:32:45

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 paramter:

Manufacturer: Brain Boxes
Model: Compact Flash
Serial No: P43205
Comment: Class 1
Setup mode: Interim Testing
Test Mode Handle: Every Parameter Set
Country: All (except France)

Next measurement will be running with the following changed parameter:

EUT Tx Frequency: 2480.000 MHz
 EUT Rx Frequency: 2402.000 MHz
 Measurement Frequency Start: 2479.000 MHz
 Measurement Frequency Stop: 2481.000 MHz

Operator intervention start at 2001-02-19, 16:34:01
 Intervention Type 'Please set the EUT TX Frequency to 2480.000000 MHz'
 Operator intervention end at 2001-02-19, 16:34:20
 Measured low bandwidth frequency: 2479.544 MHz
 Measured high bandwidth frequency: 2480.476 MHz

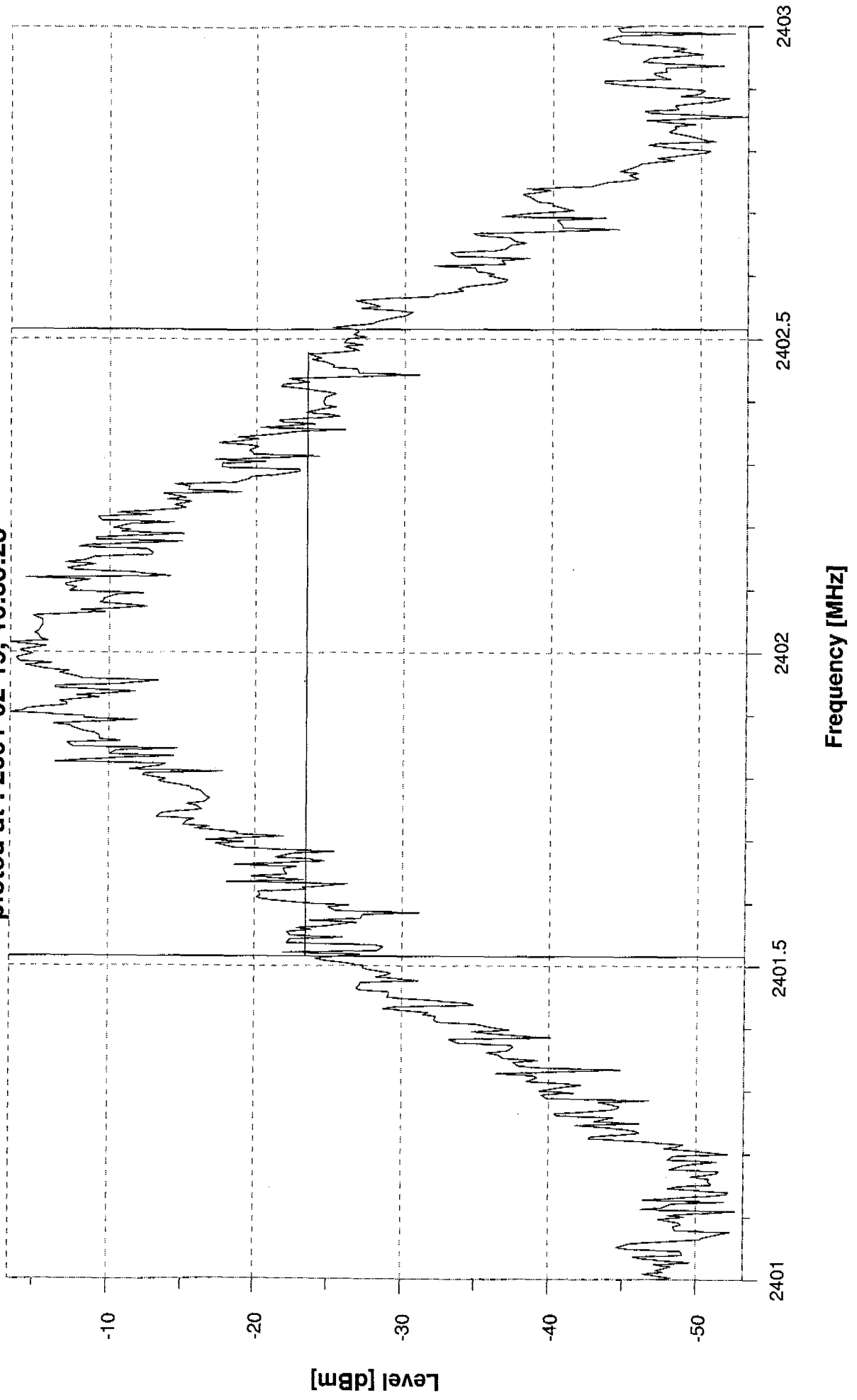
FREQUENCY	MEASUREMENT	BANDWIDTH	LIMIT	VERDICT
2480.000	20 dB Bandwidth	0.932 MHz	<= 1.000 MHz	PASS

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

Final Test Case verdict: PASS
 # Report file closed at 2001-02-19, 16:34:37

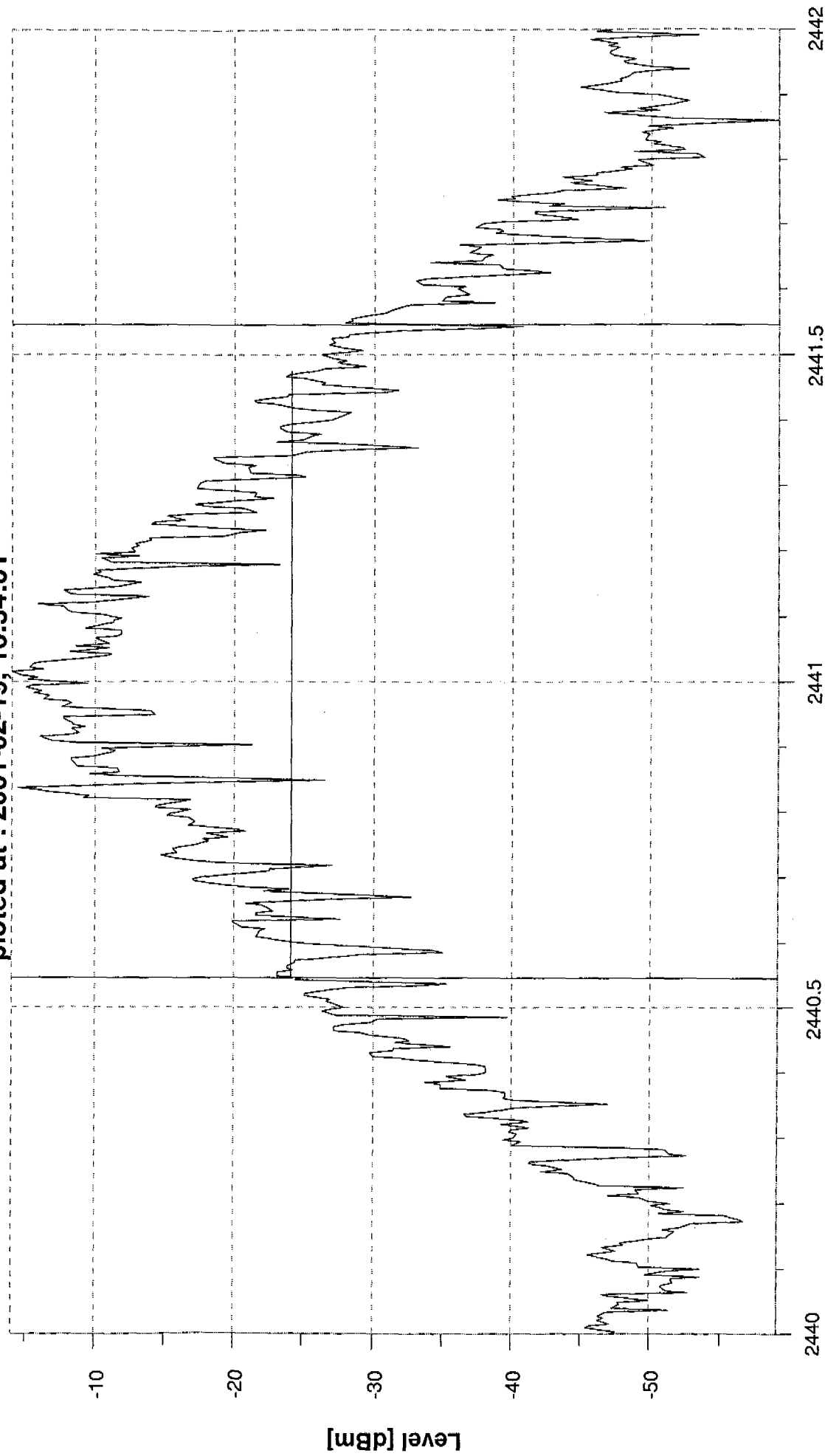
Results TC TX Output Spectrum - 20 dB Bandwidth -EUT TX Frequency 2402.000 MHz

plotted at : 2001-02-19, 16:33:23



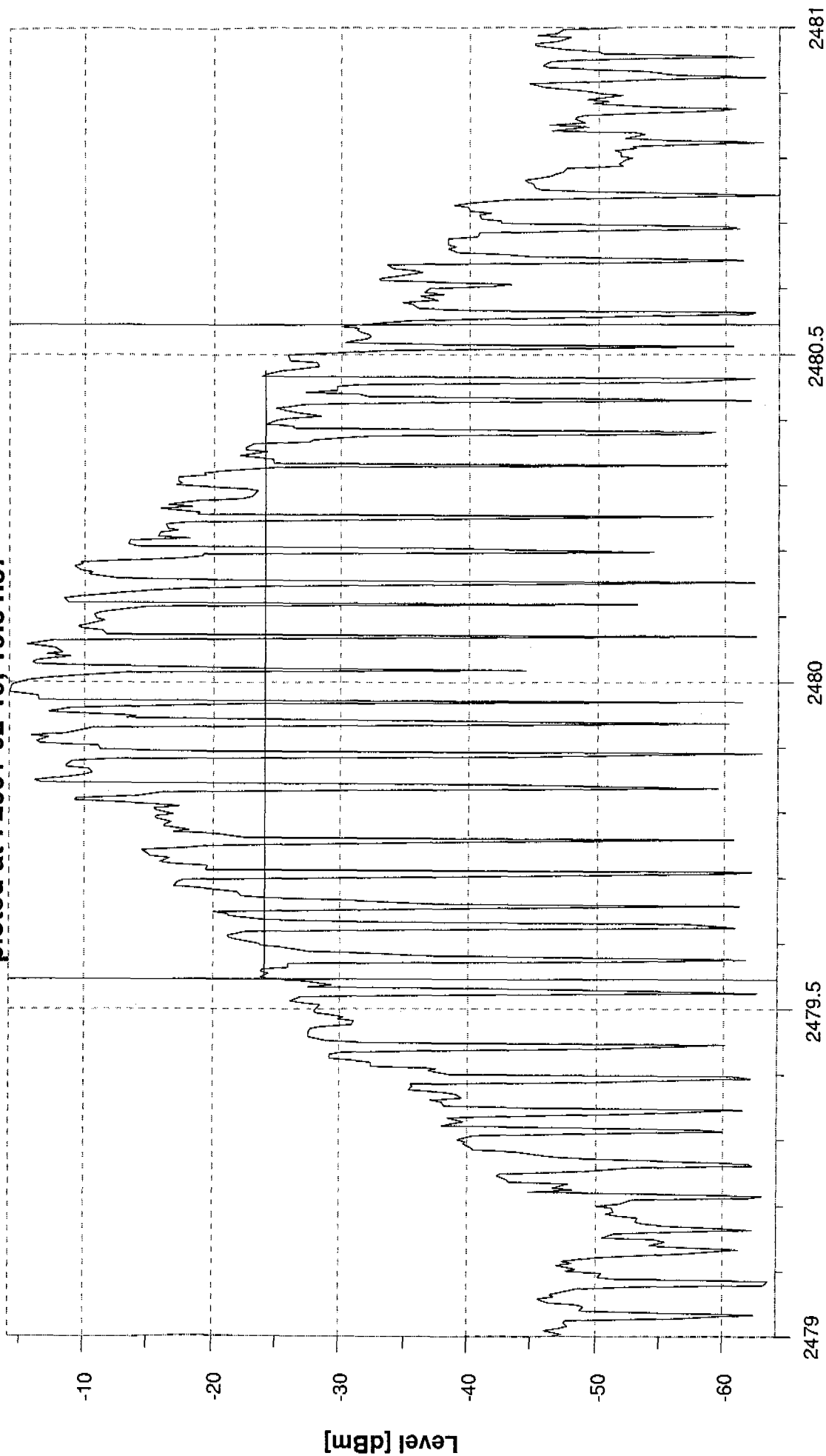
Results TC TX Output Spectrum - 20 dB Bandwidth -EUT TX Frequency 2441.000 MHz

plotted at : 2001-02-19, 16:34:01



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

plotted at : 2001-02-19, 16:34:37

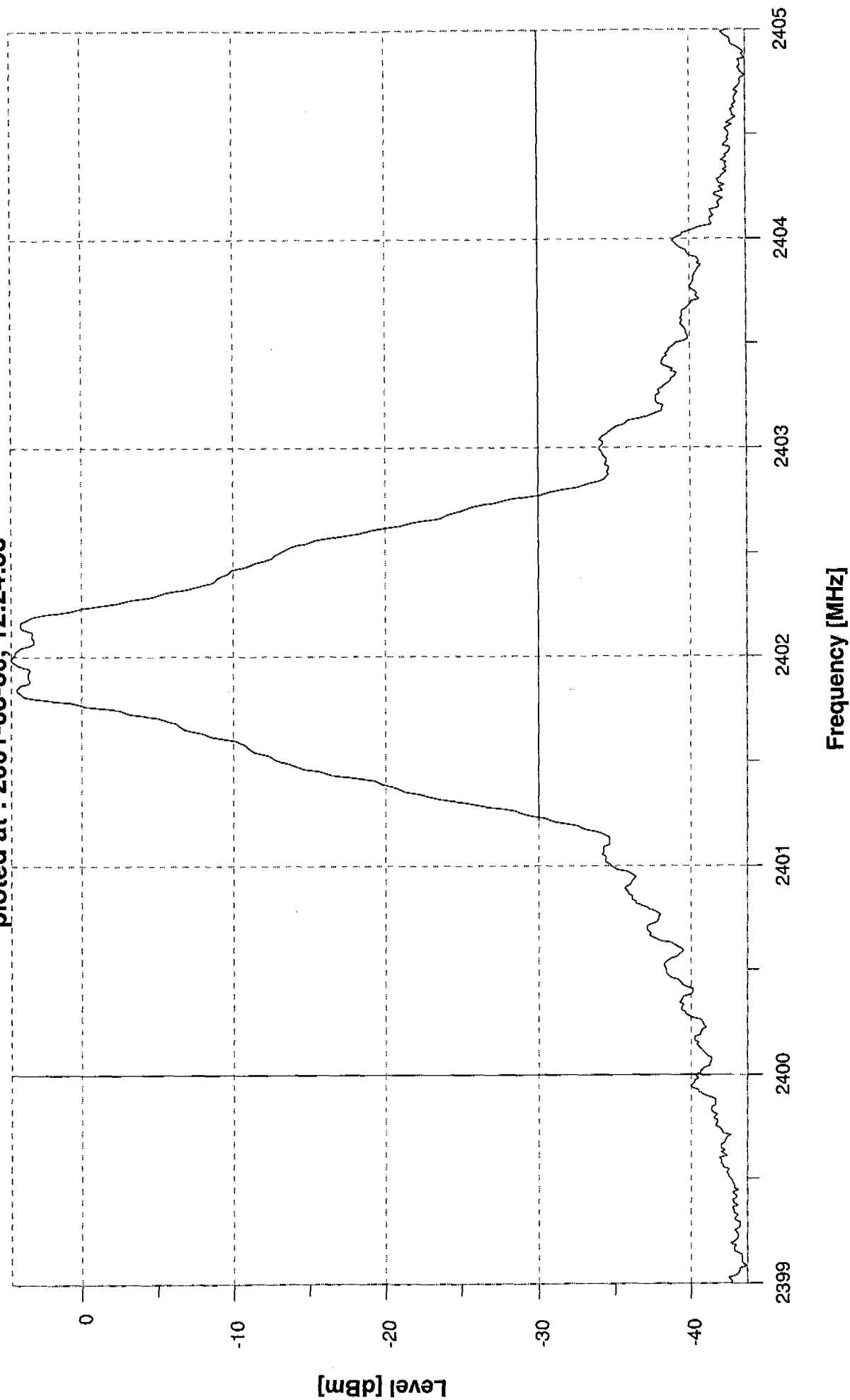


Appendix I

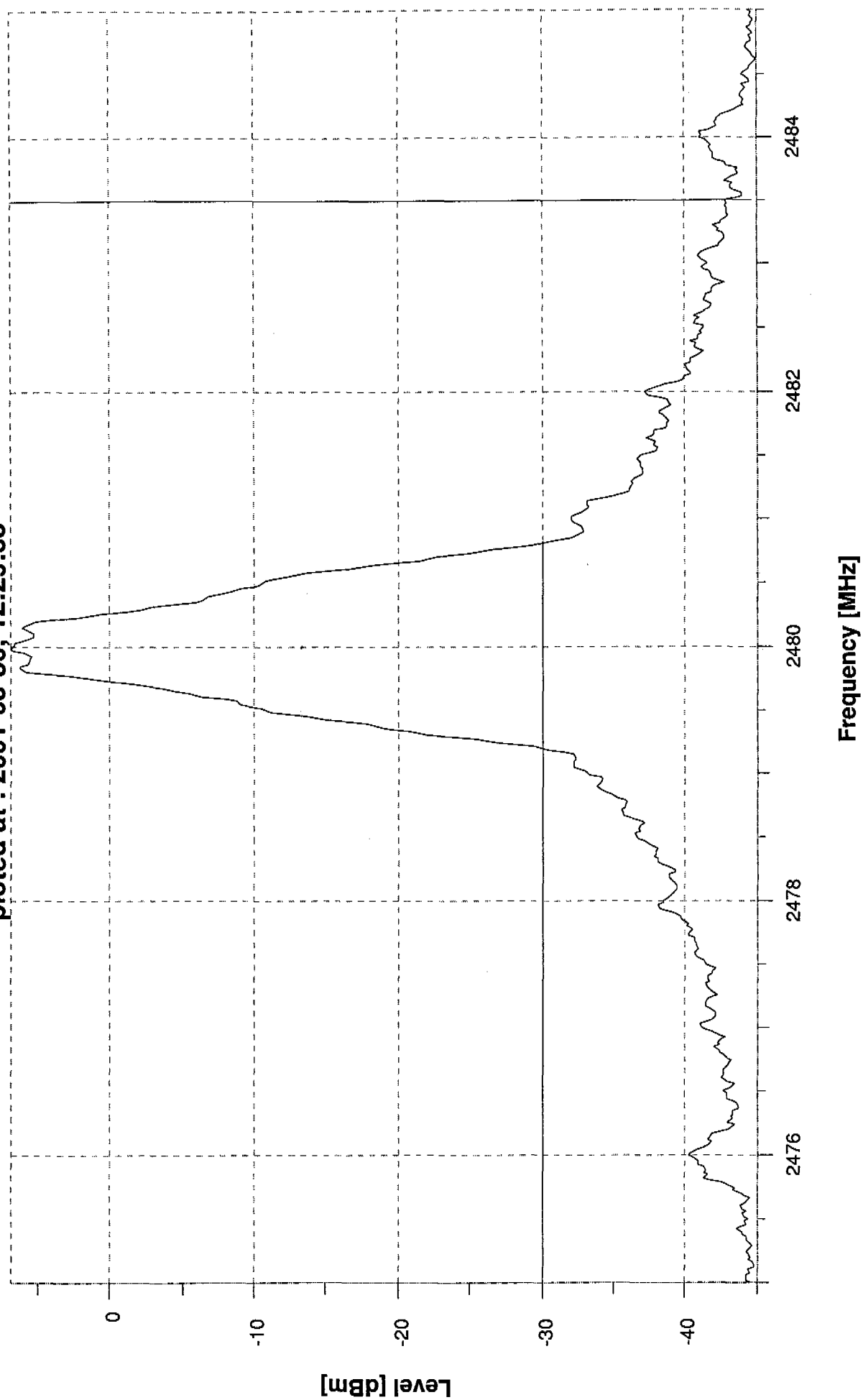
Band-edge Compliance of RF Emissions

Results TC Frequency Range (Low) -EUT TX Frequency 2402.000 MHz

plotted at : 2001-03-30, 12:24:53



**Results TC Frequency Range (High) -EUT TX Frequency 2480.000 MHz
plotted at : 2001-03-30, 12:29:38**



Appendix J

Conducted Measurement at (AC) Power Line

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

EUT: COMPACT FLASH
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-565

