

Prüfbericht - Nr.:

16007417 001

Seite 1 von 33

Test Report No.

Page 1 of 33

Test Protocol



Reference: 173022104	Page: 1 of 7
Report: 16007417 001	Number of attached sheets:

Please fill in the protocol sheets completely !
Report the real test conditions, not the requirements !

EUT (Equipment Under Test)

Kind of Equipment: Car Rador displayer
Type Designation: REDP4852 (System model: FWO48R52)
Manufacturer: Coligen
Rated Voltage: 12V DC
Rated Current/Power:
Protection Class: III
Serial Number: No serial Number

Test Laboratory

Name: SMQ
Address:

Note: TÜV Frank Du

Sample Number:

Markings for TEST RESULTS used in this protocol:

ok or ✓ Test passed (complies with required criterion)
ng Test failed
— or / not tested
A ... D fulfills criterion A...D. For B...D error description required !
① ... see Note 1,... (error description, etc.)

MZ-Document31, L. Frankholz 25.04.2006

Date: _____
Inspector: _____

Signature: _____



x

Prüfbericht - Nr.:

16007417 001

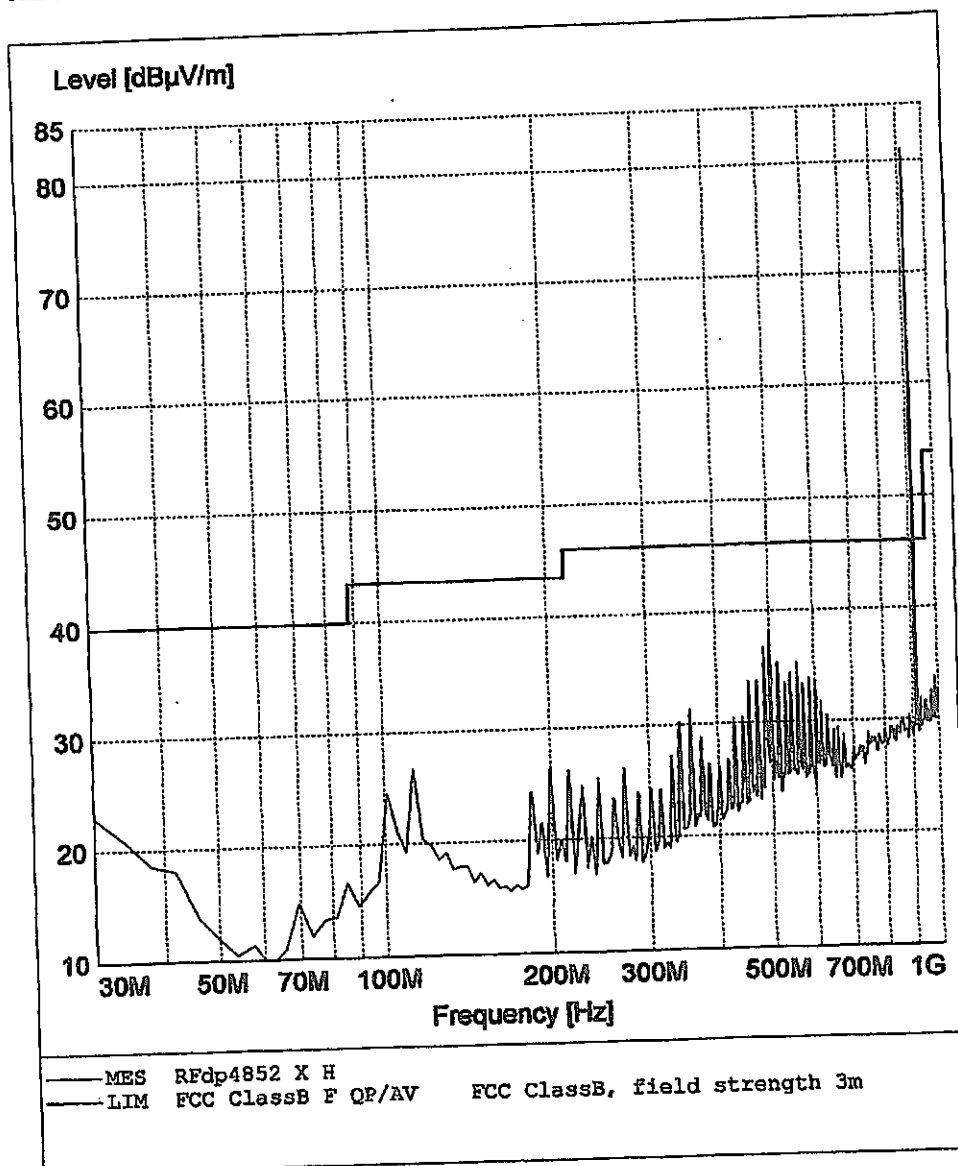
Seite 3 von 33

Test Report No.

Page 3 of 33

Radiated Disturbance

EUT: M/N:RFdp4852 CH/
Manufacturer:
Operating Condition: TX (X AXIS)
Test Site: SMQ EMC Lab.SAC
Status:
Test Specification: Horizontal
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

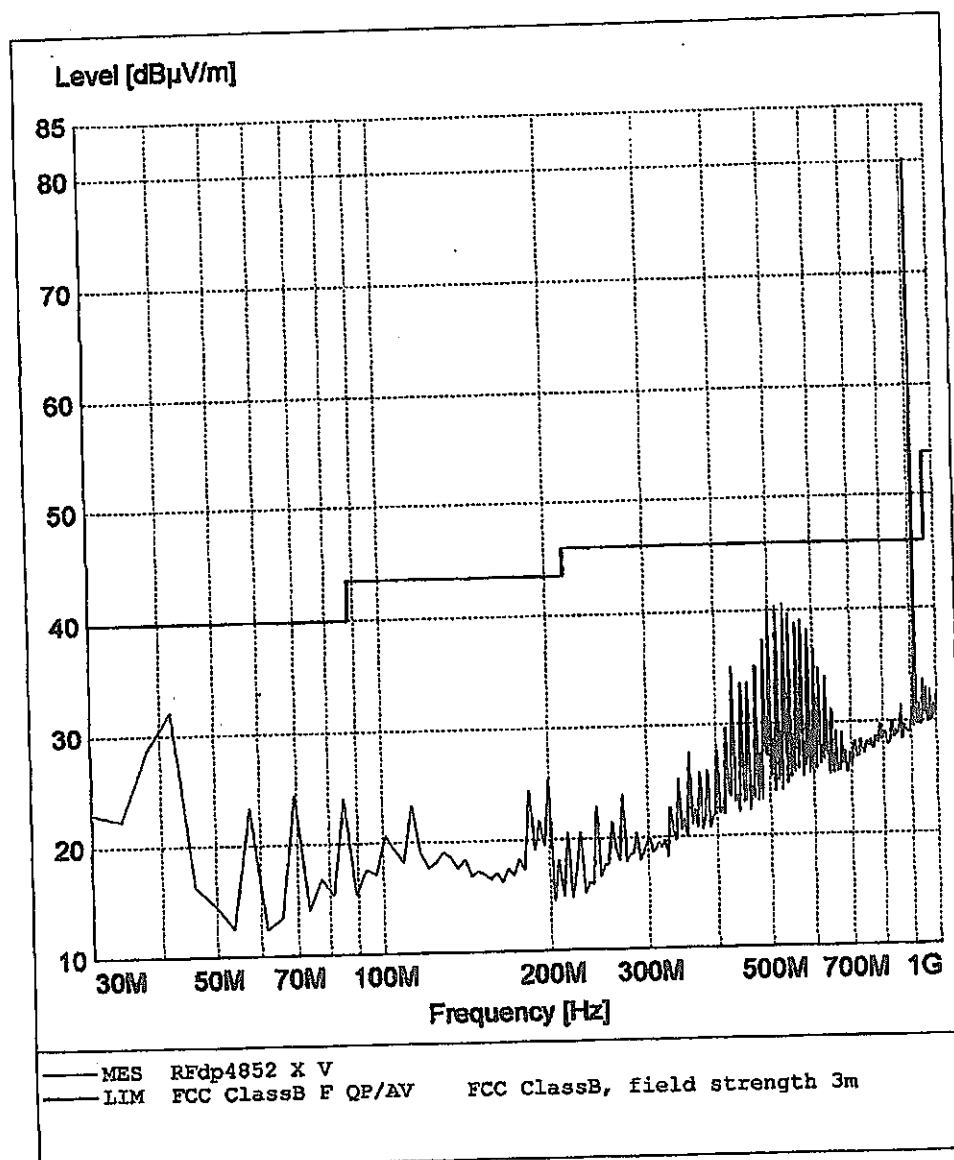
Seite 4 von 33

Test Report No.

Page 4 of 33

Radiated Disturbance

EUT: M/N:RFdp4852 CH1
Manufacturer:
Operating Condition: TX(X AXIS)
Test Site: SMQ EMC Lab.SAC
Status:
Test Specification: ~~Horizontal~~ Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

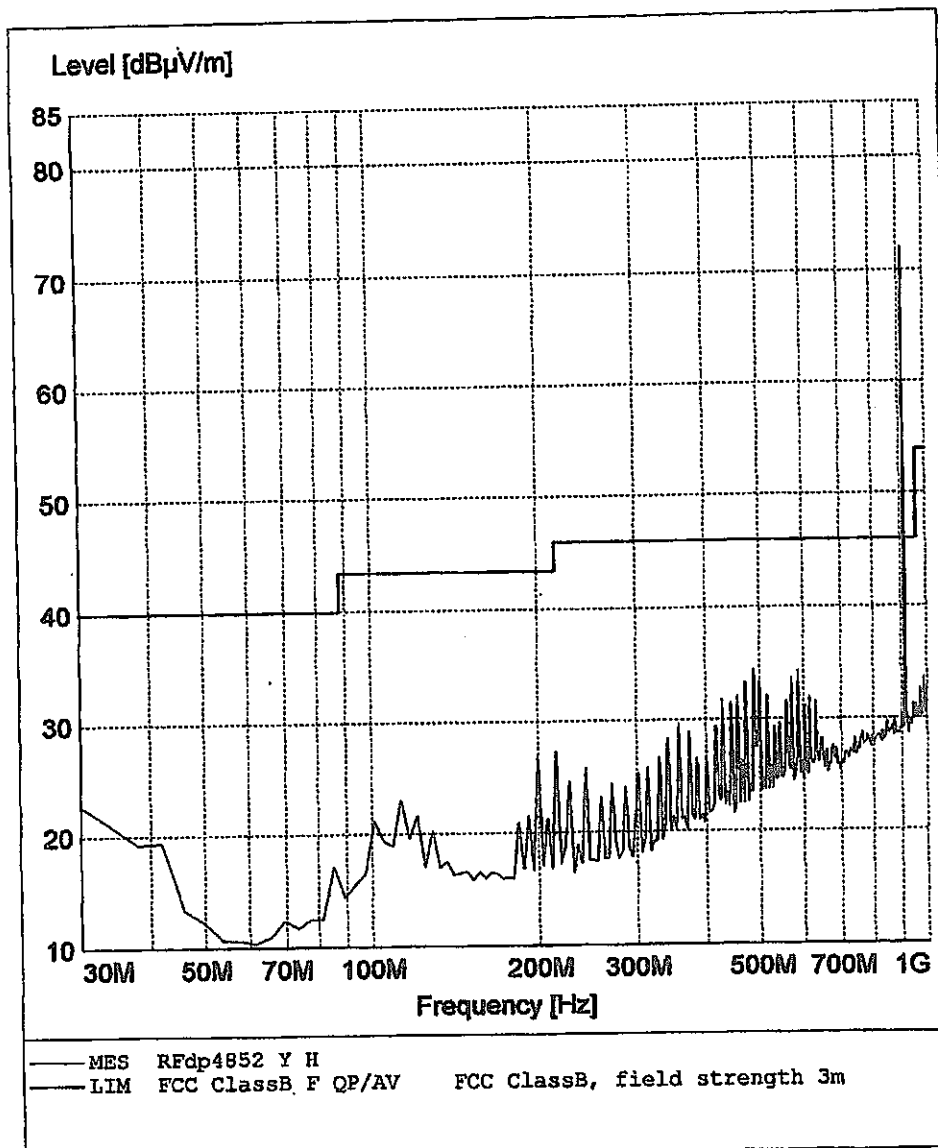
Seite 6 von 33

Test Report No.

Page 6 of 33

Radiated Disturbance

EUT: M/N:RFdp4852 CH1
Manufacturer:
Operating Condition: TX(Y AXIS)
Test Site: SMO EMC Lab.SAC
Status:
Test Specification: Horizontal
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

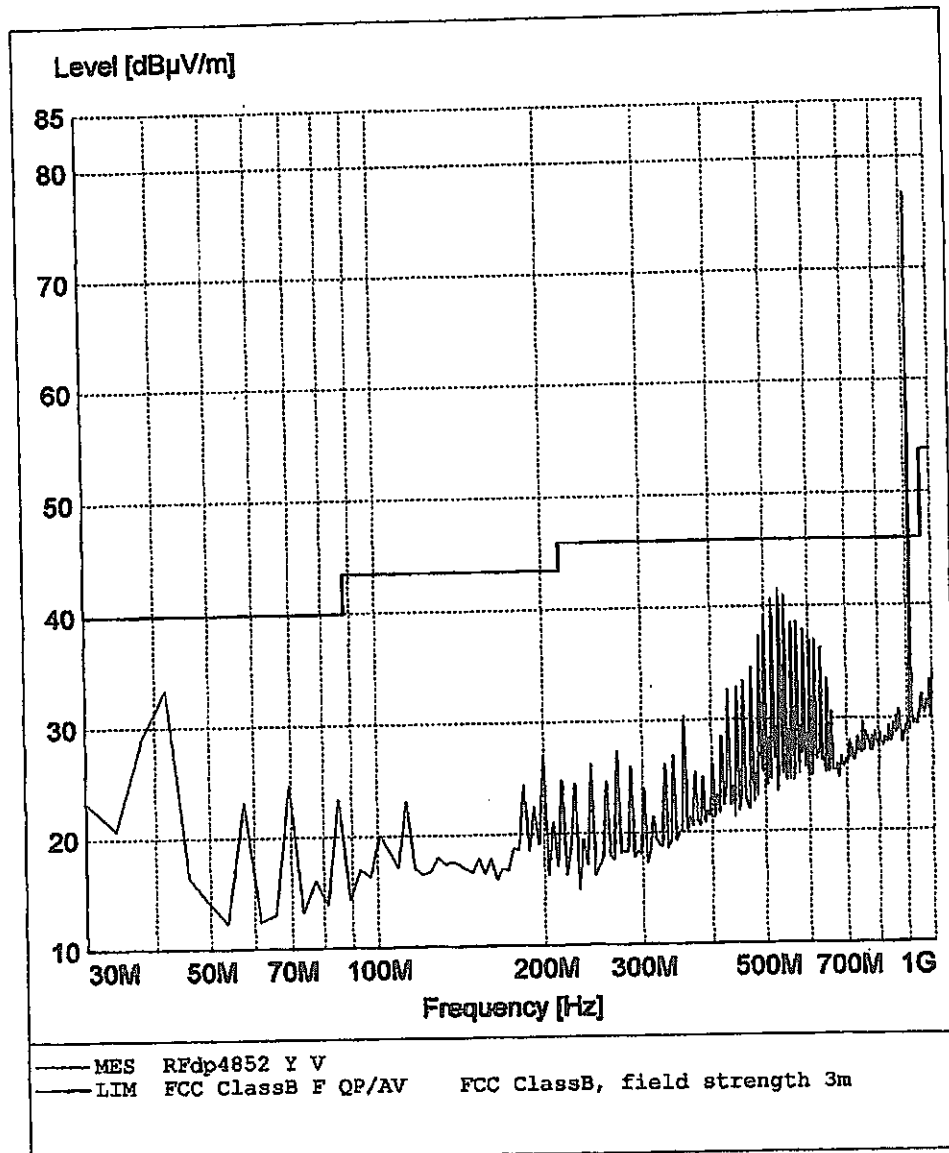
Seite 7 von 33

Test Report No.

Page 7 of 33

Radiated Disturbance

EUT: M/N:RFdp4852 CH1
Manufacturer:
Operating Condition: TX(Y AXIS)
Test Site: SMQ EMC Lab.SAG
Status:
Test Specification: Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

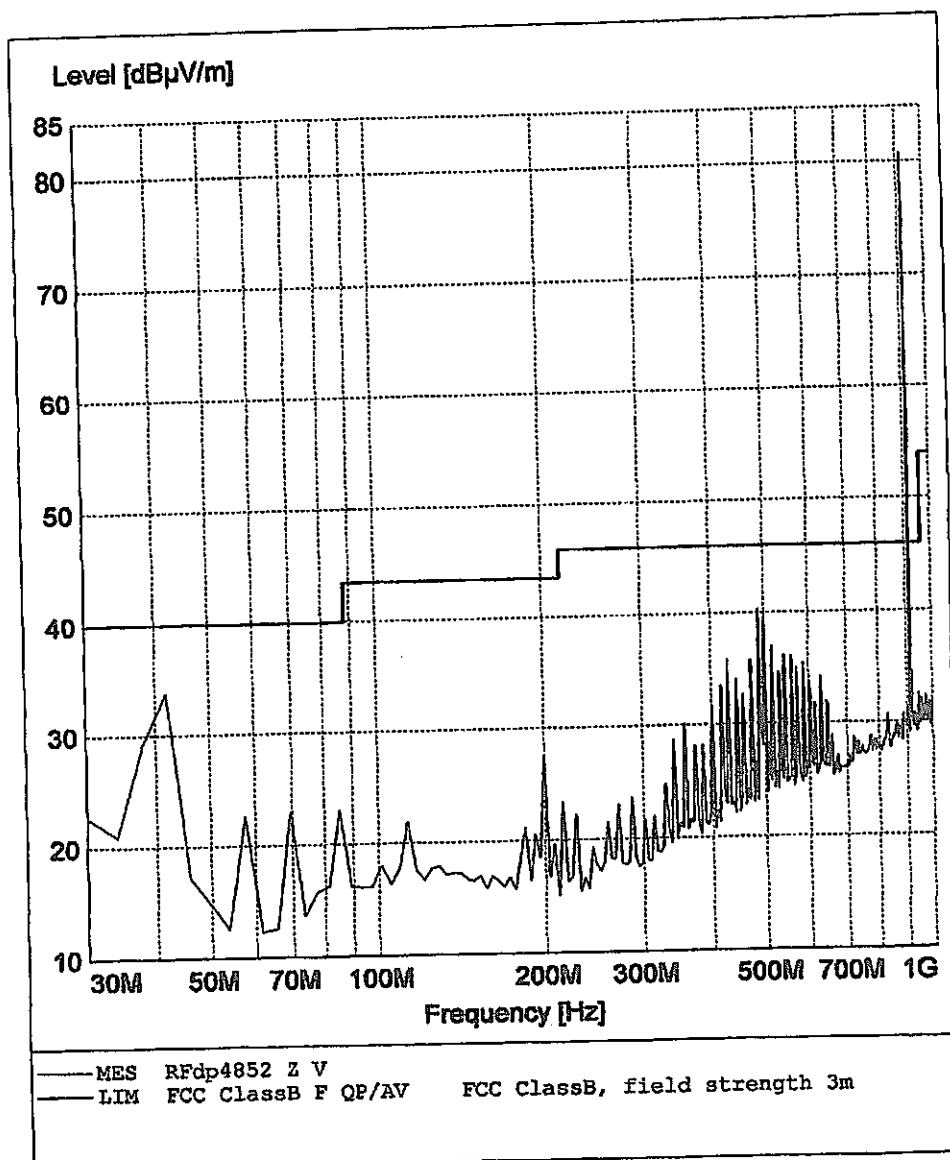
Seite 9 von 33

Test Report No.

Page 9 of 33

Radiated Disturbance

EUT: M/N:RFdp4852 c/H
Manufacturer:
Operating Condition: TX(Z AXIS)
Test Site: SMO EMC Lab.SAC
Status:
Test Specification: Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

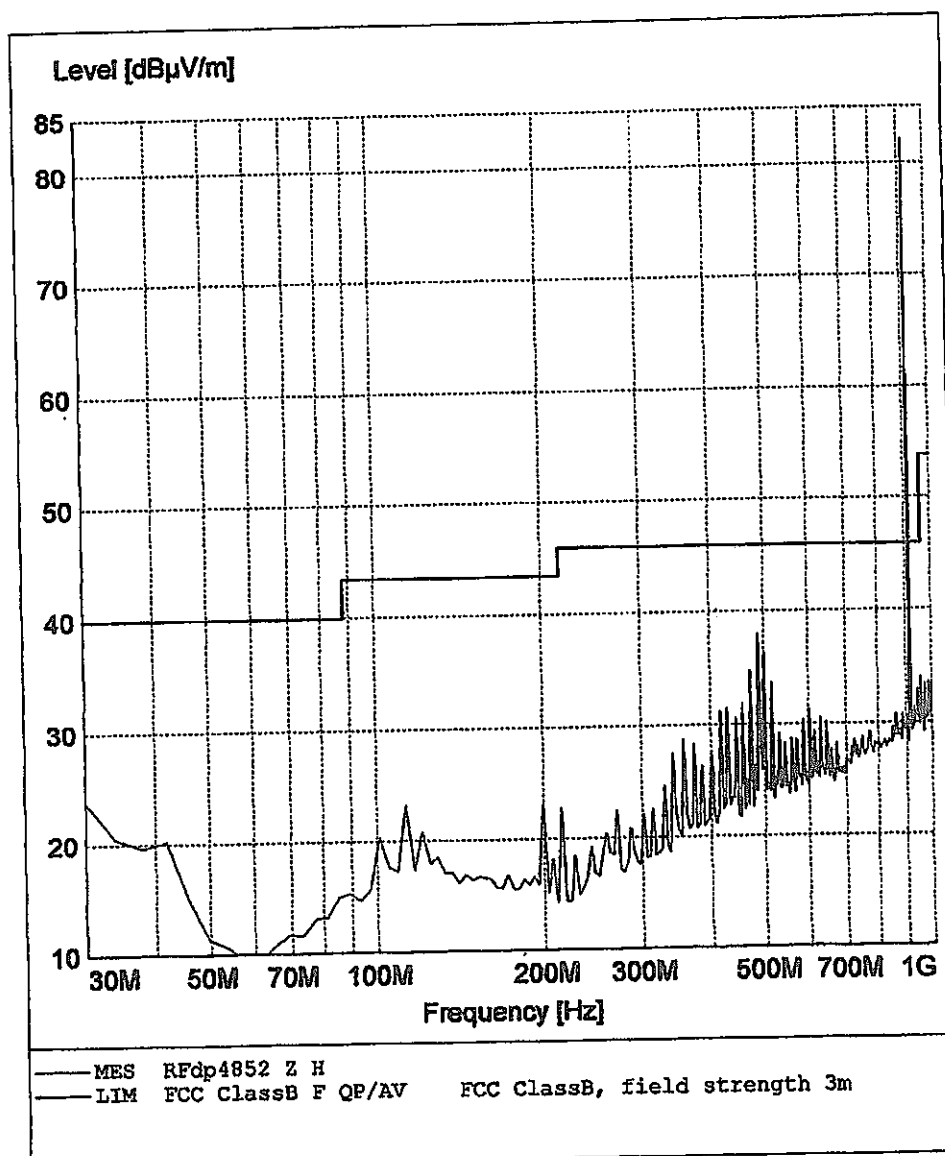
Seite 10 von 33

Test Report No.

Page 10 of 33

Radiated Disturbance

EUT: M/N:RFdp4852 CH
Manufacturer:
Operating Condition: TX(Z AXIS)
Test Site: SMQ EMC Lab.SAC
Status:
Test Specification: Horizontal
Comment: DC 12V



Peter

Prüfbericht - Nr.:

16007417 001

Seite 12 von 33

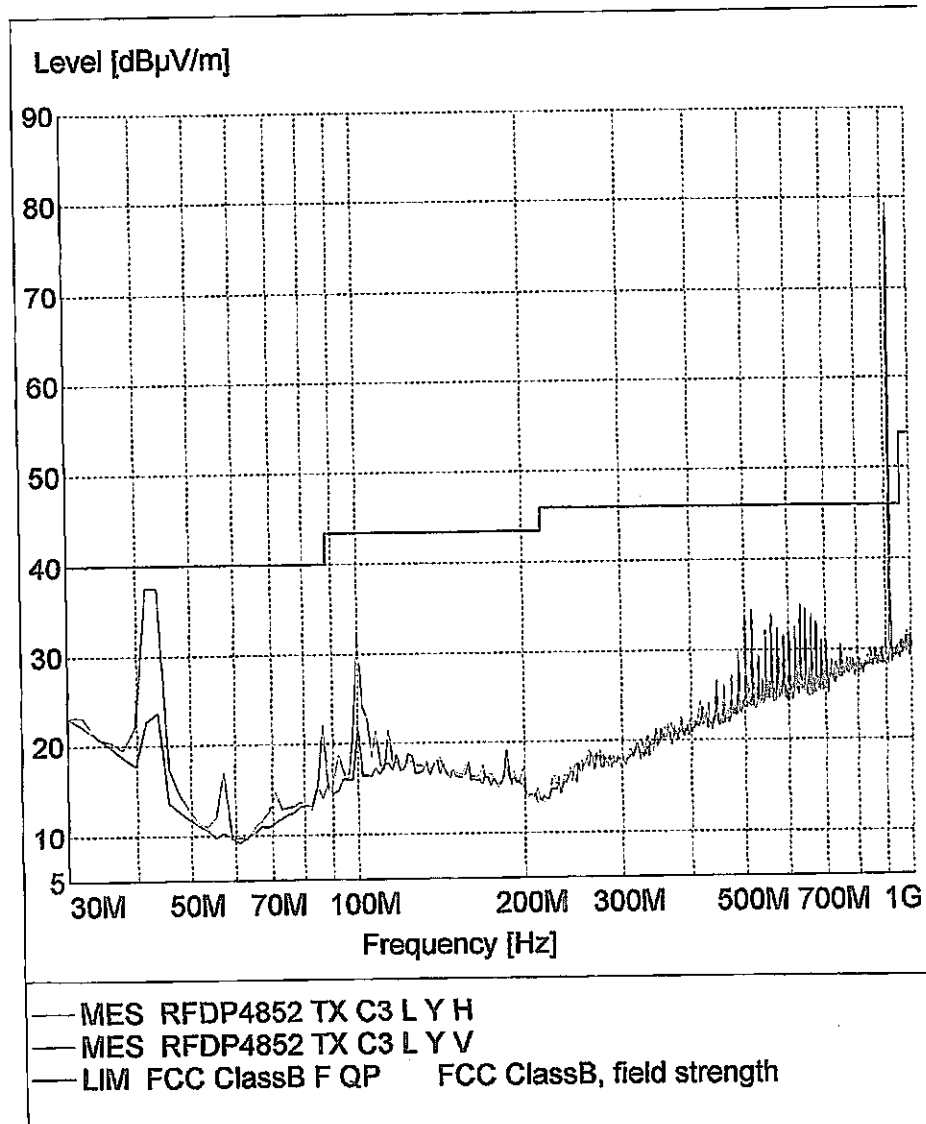
Test Report No.

Page 12 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:FWD48R52
Manufacturer:
Operating Condition: TX , CH3 , Y
Test Site: SMQ EMC Lab.SAC
Test Specification: Horizontal & Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 13 von 33

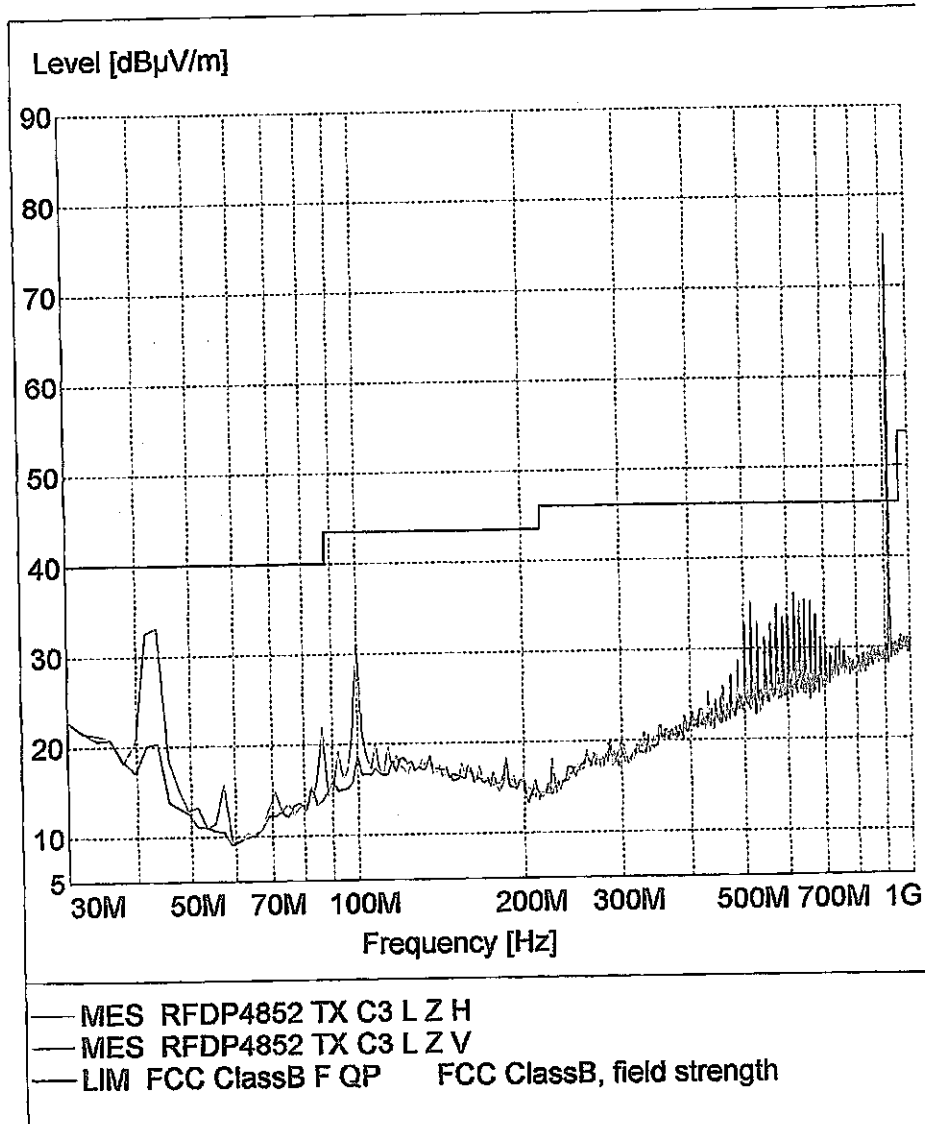
Test Report No.

Page 13 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:FWD48R52
Manufacturer:
Operating Condition: TX , CH3 , Z
Test Site: SMQ EMC Lab.SAC
Test Specification: Horizontal & Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 14 von 33

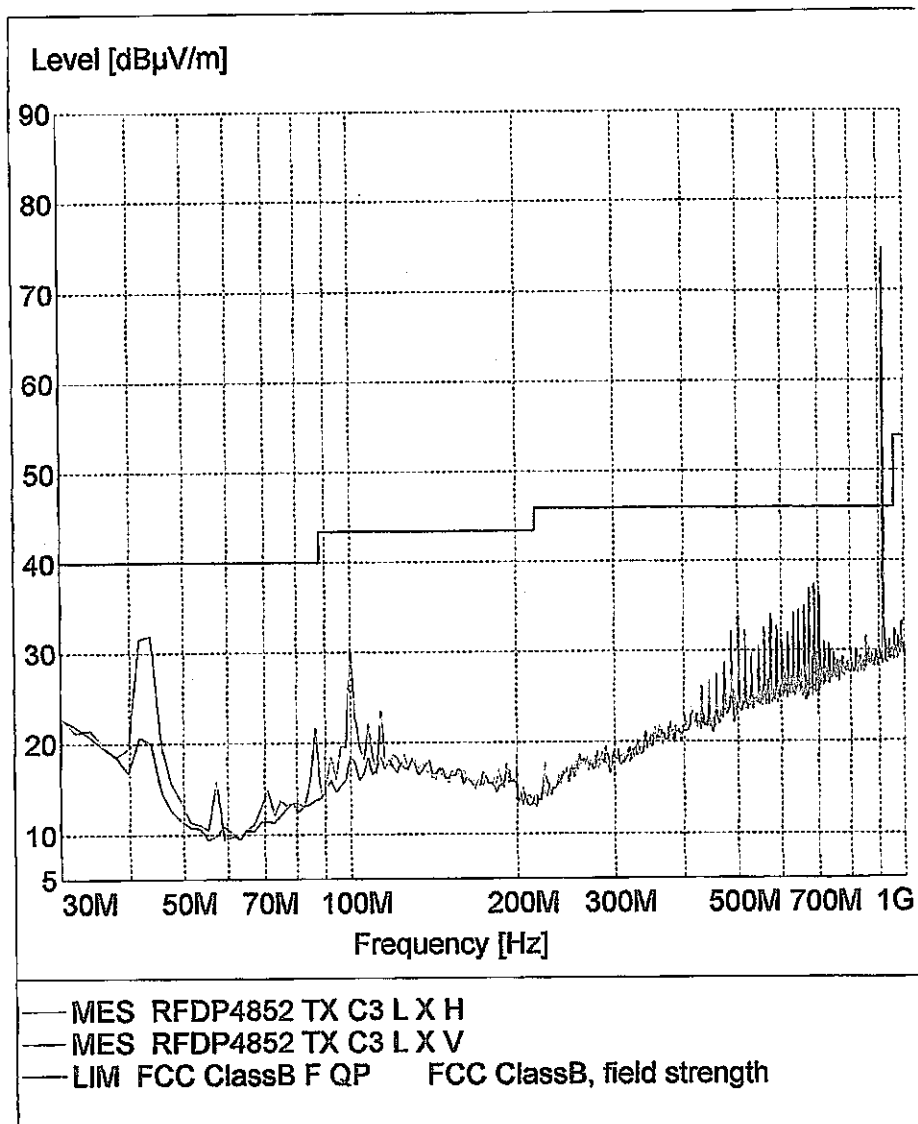
Test Report No.

Page 14 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:FWD48R52
Manufacturer:
Operating Condition: TX , CH3 , X
Test Site: SMO EMC Lab,SAC
Test Specification: Horizontal & Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 15 von 33

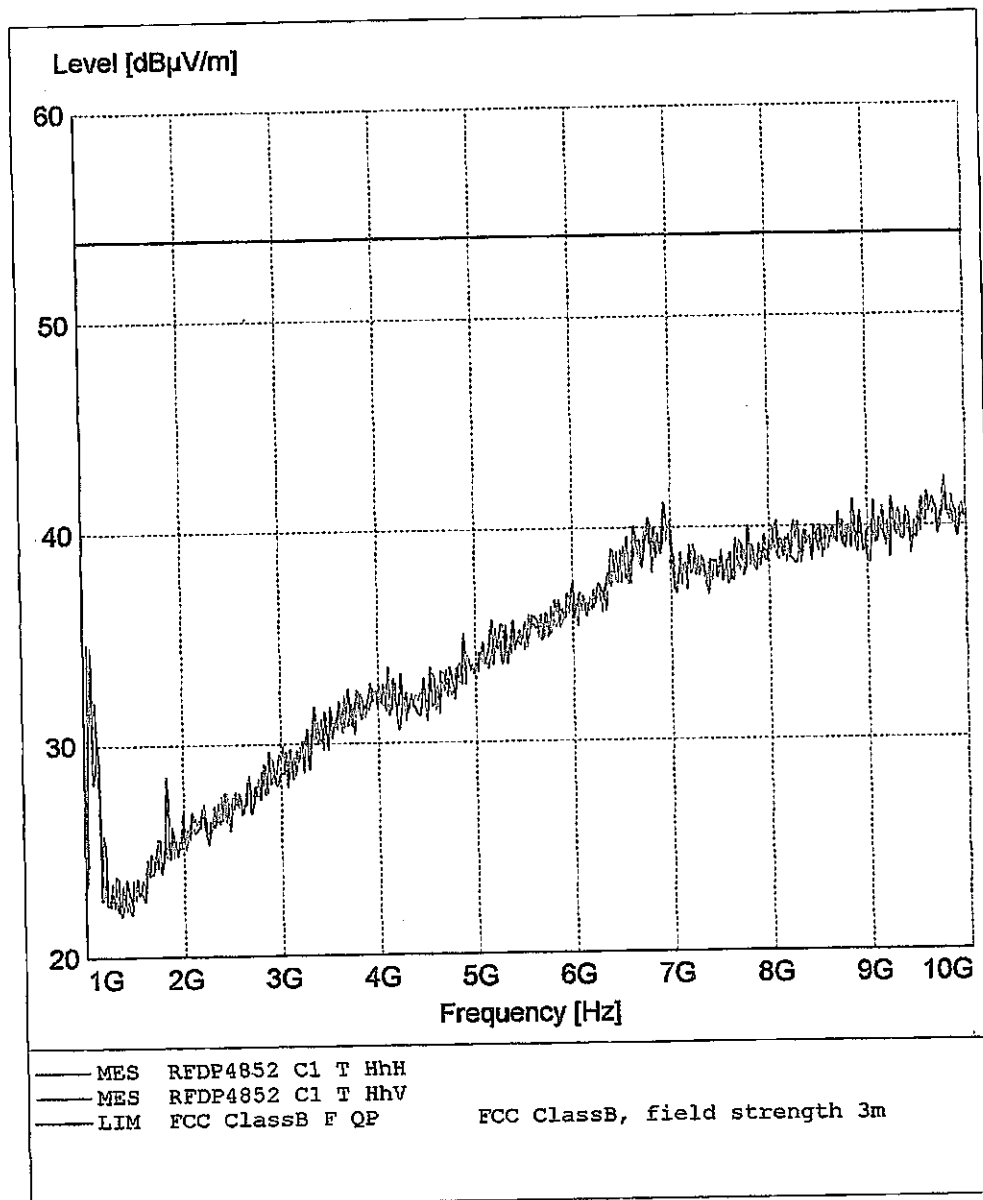
Test Report No.

Page 15 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:RFDP4852 (System model:FW048R52)
Manufacturer:
Operating Condition: TX , CH1 , HH
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Horizontal & Vertical
Comment : DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 16 von 33

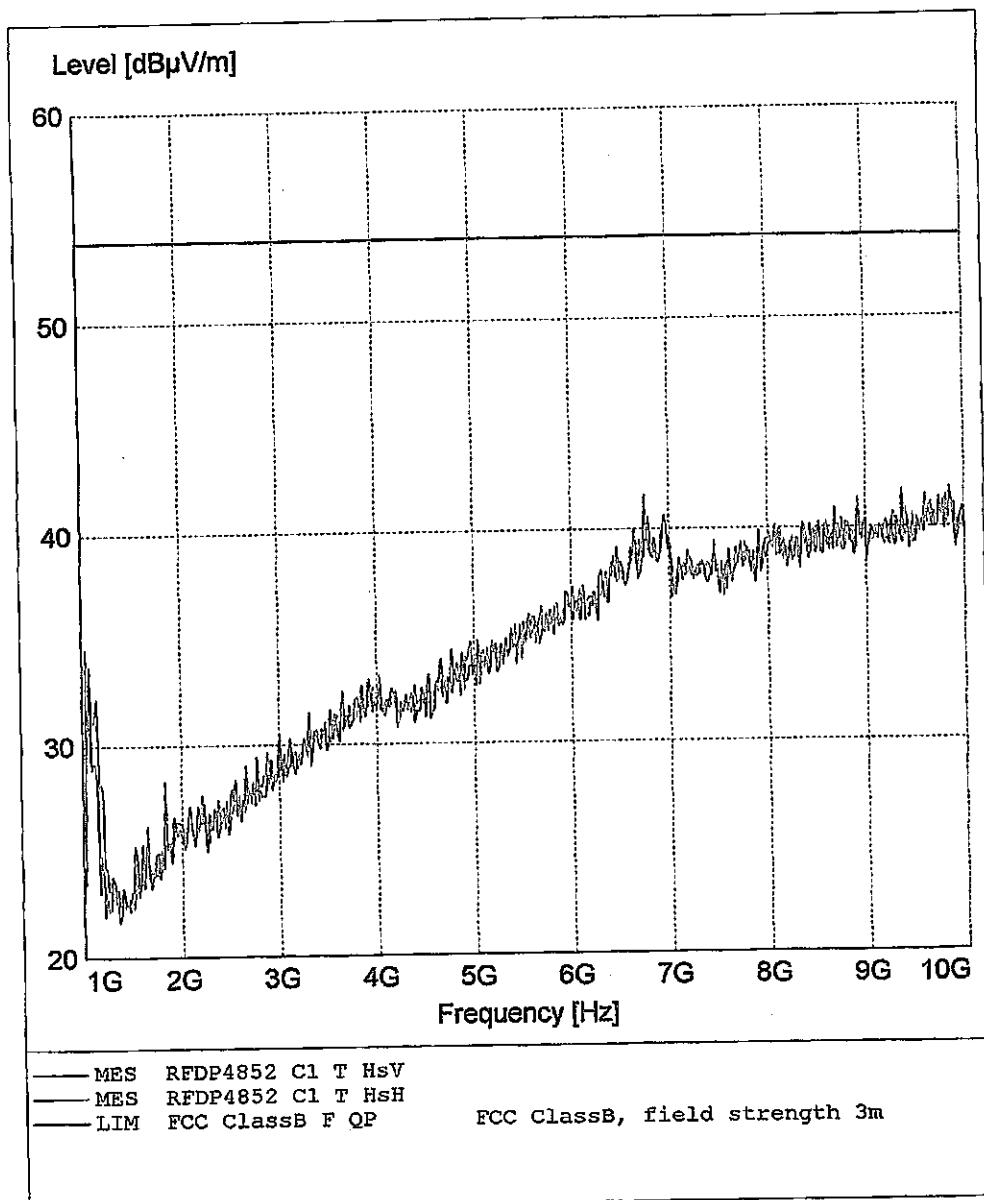
Test Report No.

Page 16 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:RFDP4852(System model:F0048R52)
Manufacturer:
Operating Condition: TX , CH1 , SV
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Horizontal & Vertical
Comment : DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 17 von 33

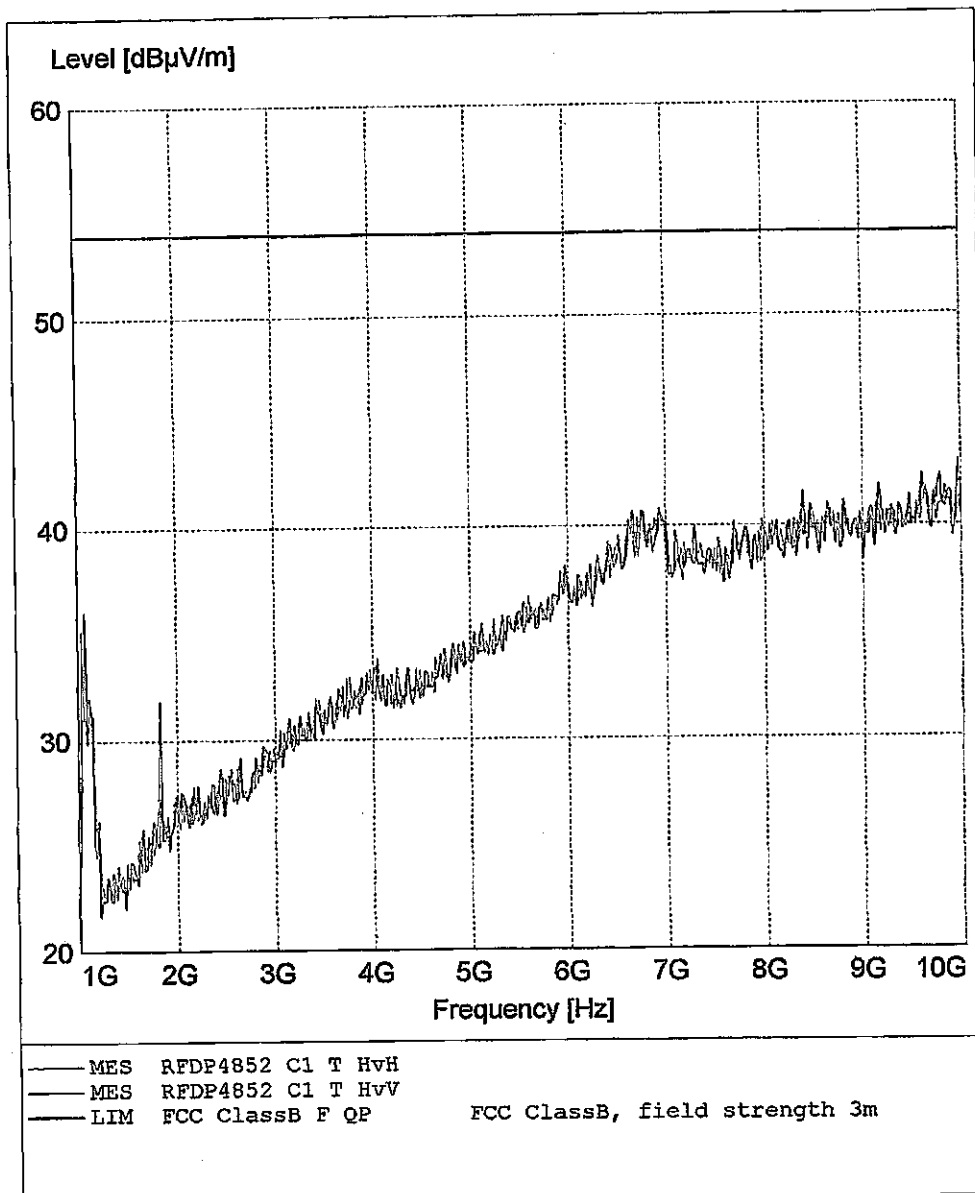
Test Report No.

Page 17 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:RFDP4852 (System model:FW048R52)
Manufacturer:
Operating Condition: TX , CH1 , VV
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Horizontal & Vertical
Comment : DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 18 von 33

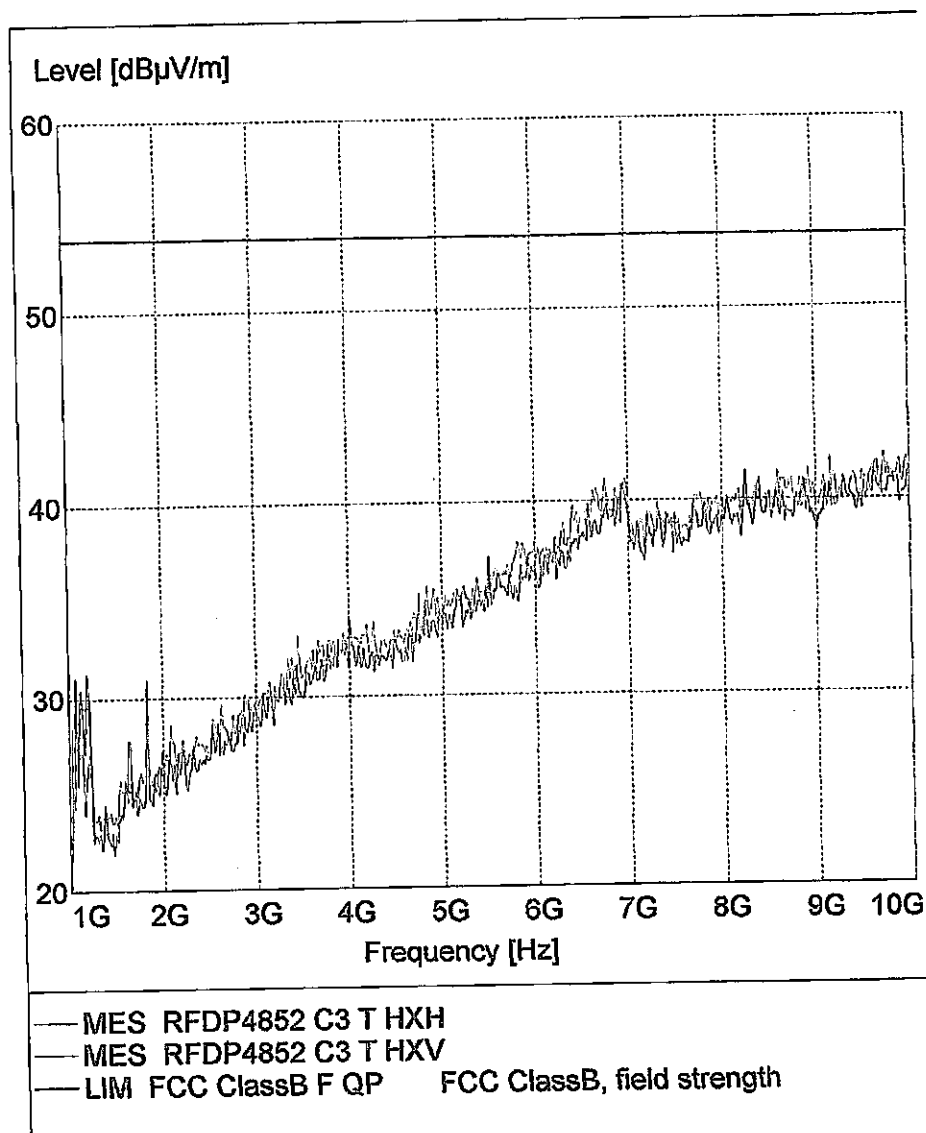
Test Report No.

Page 18 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:RFDP4852(System model:FWD48R52)
Manufacturer:
Operating Condition: TX , CH3 , X
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Horizontal & Vertical
Comment : DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 19 von 33

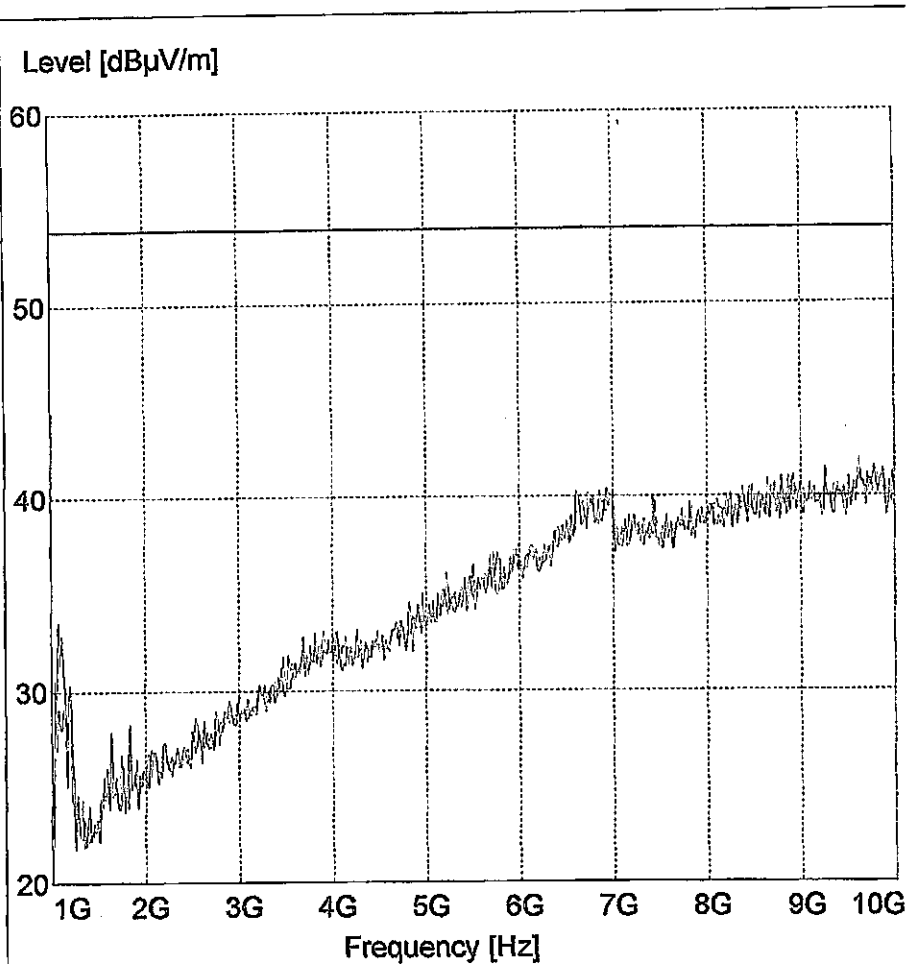
Test Report No.

Page 19 of 33

Radiated Disturbance

FCC Part15

EUT: M/N:RFDP4852(System model:FWD48R52)
Manufacturer:
Operating Condition: TX , CH3 , Y
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Horizontal & Vertical
Comment : DC 12V



— MES RFDP4852 C3 T HYH
— MES RFDP4852 C3 T HYV
— LIM FCC ClassB F QP FCC ClassB, field strength

Prüfbericht - Nr.:

16007417 001

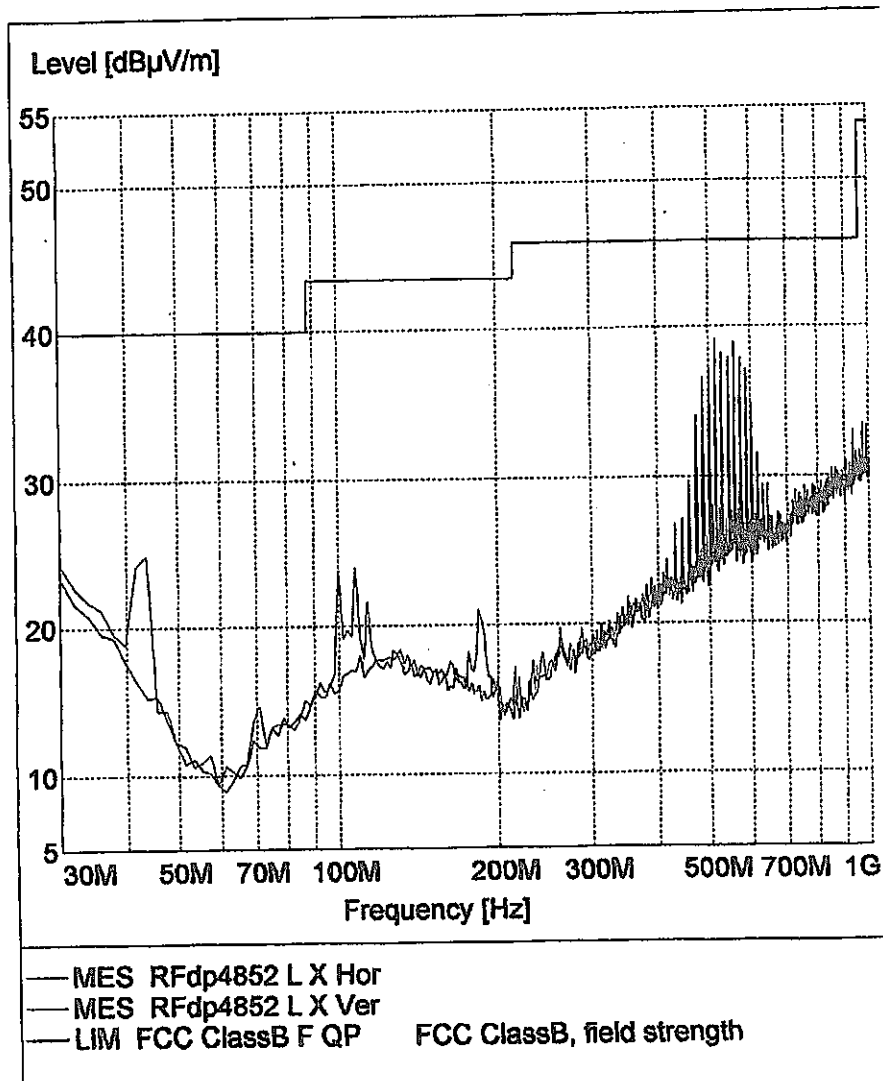
Seite 21 von 33

Test Report No.

Page 21 of 33

Radiated Disturbance

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX,X,CH1
Test Site: SMQ EMC SAC
Comment2:
Test Specification: Horizontal & Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

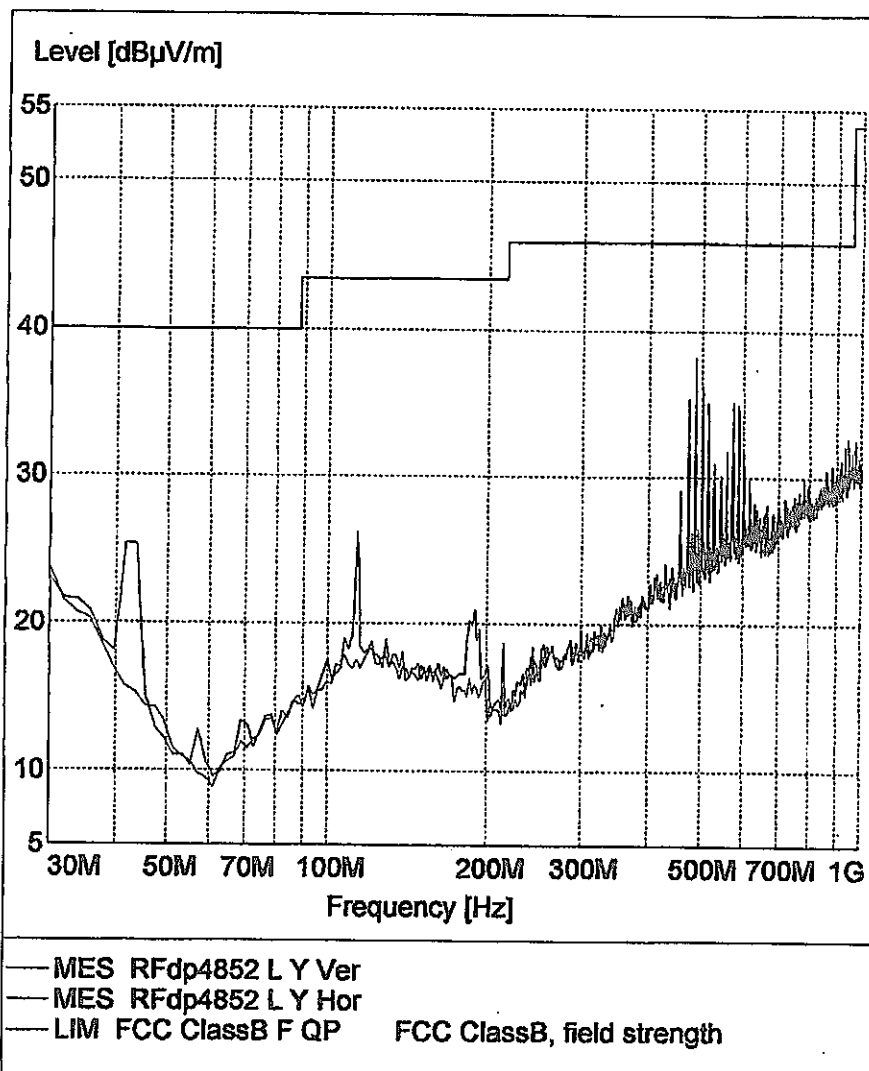
Seite 23 von 33

Test Report No.

Page 23 of 33

Radiated Disturbance

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX, Y, CH1
Test Site: SMQ EMC SAC
Comment2:
Test Specification: Horizontal & Vertical
Comment: DC 12V



DC 12V

Prüfbericht - Nr.:

16007417 001

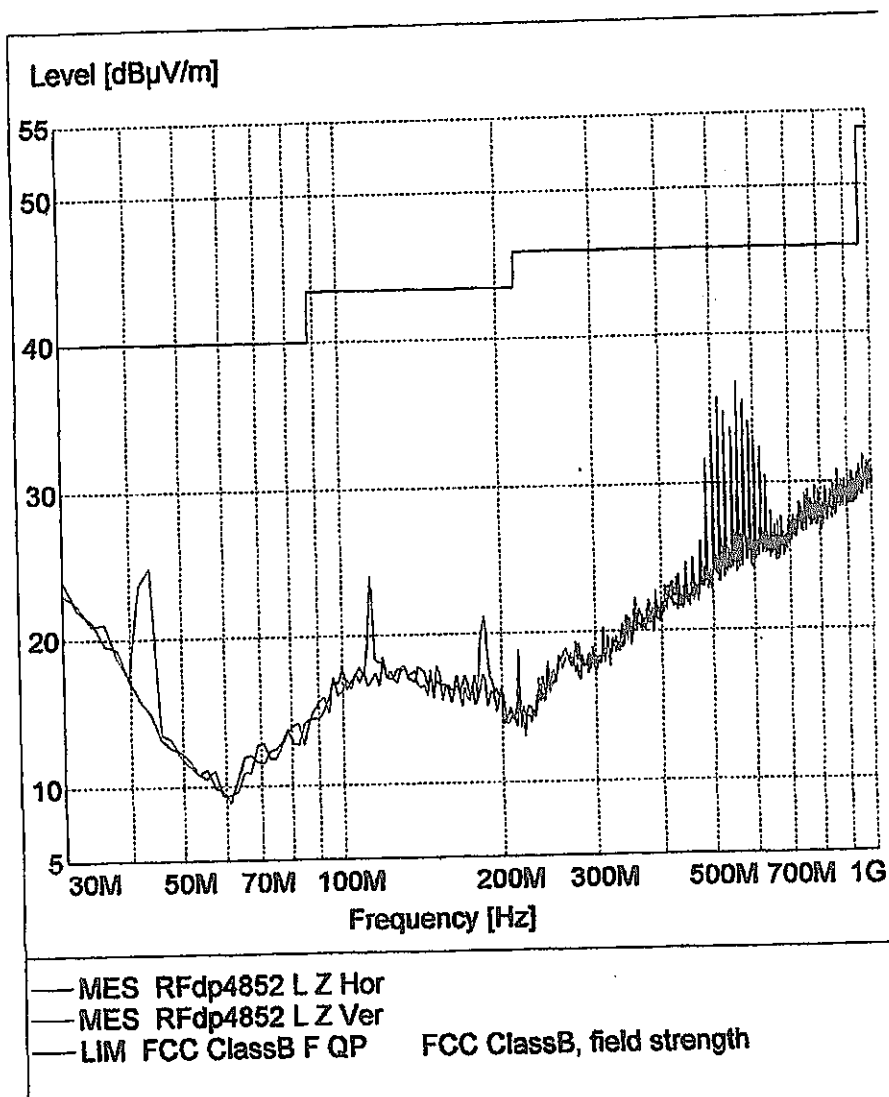
Seite 25 von 33

Test Report No.

Page 25 of 33

Radiated Disturbance

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX, 2, GHI
Test Site: SMQ EMC SAC
Comment2:
Test Specification: Horizontal & Vertical
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 26 von 33

Test Report No.

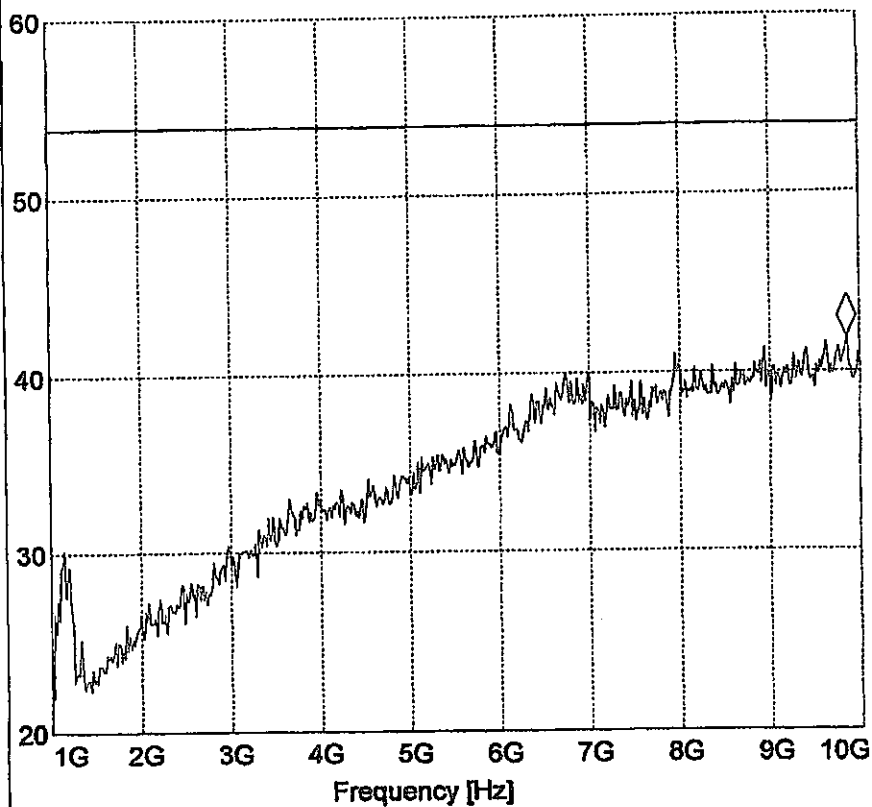
Page 26 of 33

Spurious Emission

EUT: M/NiRFdp4852
Manufacturer:
Operating Condition: RX,X,CH1
Test Site: SMQ EMC Lab,SAC
Operator:
Test Specification: Horizontal
Comment : DC 12V

Marker: 9.855711423 GHz 41.94 dB μ V/m

Level [dB μ V/m]



— MES RFdp4852 H X Hor
— LIM FCC ClassB F QP FCC ClassB, field strength

Prüfbericht - Nr.:

16007417 001

Seite 27 von 33

Test Report No.

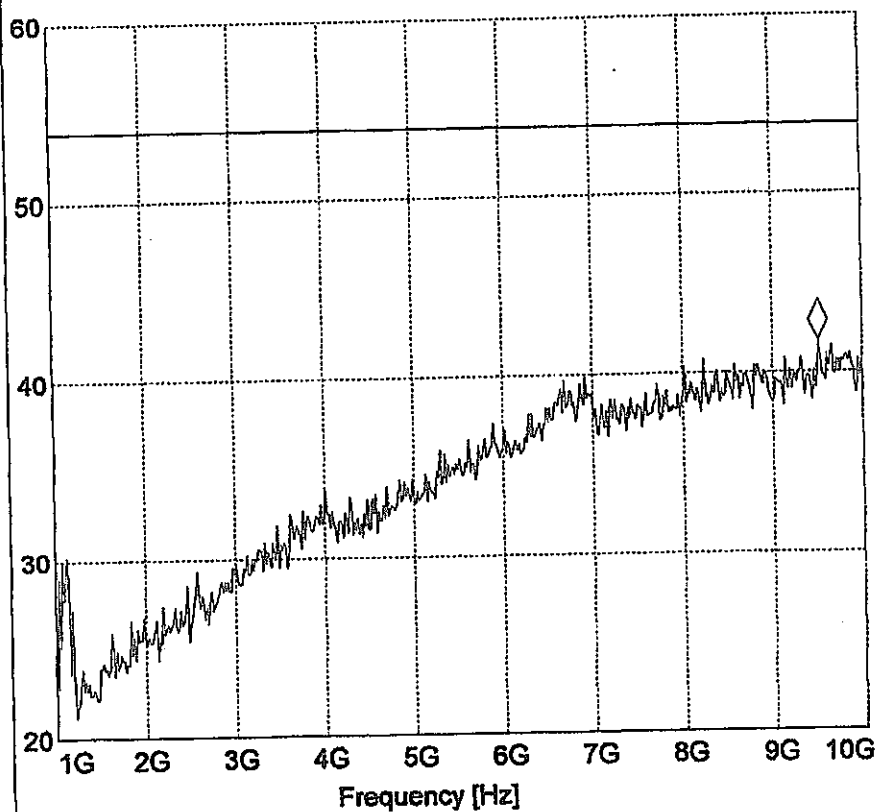
Page 27 of 33

Spurious Emission

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX,X,CHI
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Vertical
Comment: DC 12V

Marker: 9.513026052 GHz 41.76 dB μ V/m

Level [dB μ V/m]



— MES RFdp4852 H X Ver
— LIM FCC ClassB F QP FCC ClassB, field strength

Prüfbericht - Nr.:

16007417 001

Seite 28 von 33

Test Report No.

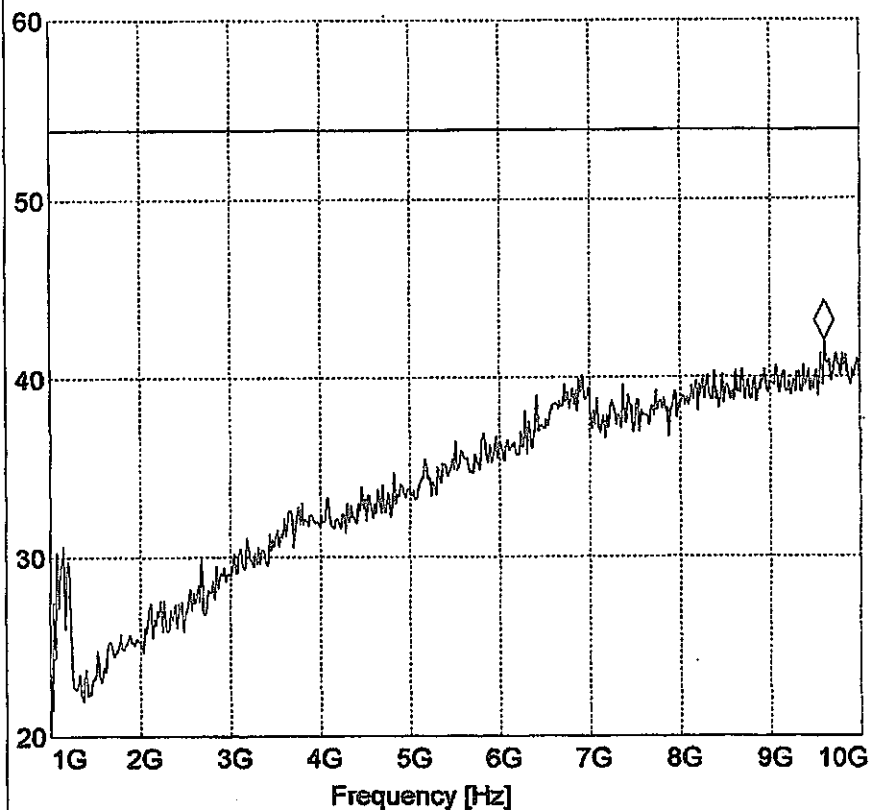
Page 28 of 33

Spurious Emission

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX,Y,CH
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Horizontal
Comment: DC 12V

Marker: 9.603206413 GHz 42.02 dBμV/m

Level [dBμV/m]



— MES RFdp4852 H Y Hor

— LIM FCC ClassB F QP FCC ClassB, field strength

Prüfbericht - Nr.:

16007417 001

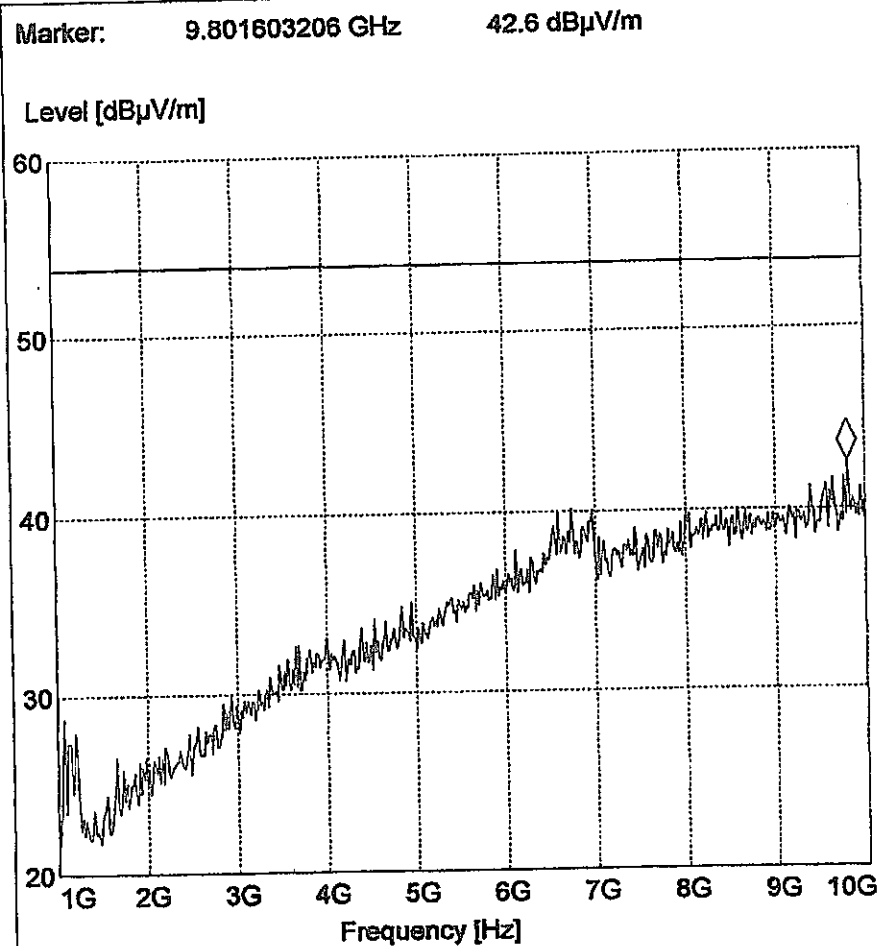
Seite 29 von 33

Test Report No.

Page 29 of 33

Spurious Emission

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX,Y,CHI
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Vertical
Comment: DC 12V



— MES RFdp4852 H Y Ver
— LIM FCC ClassB F QP FCC ClassB, field strength

Prüfbericht - Nr.:

16007417 001

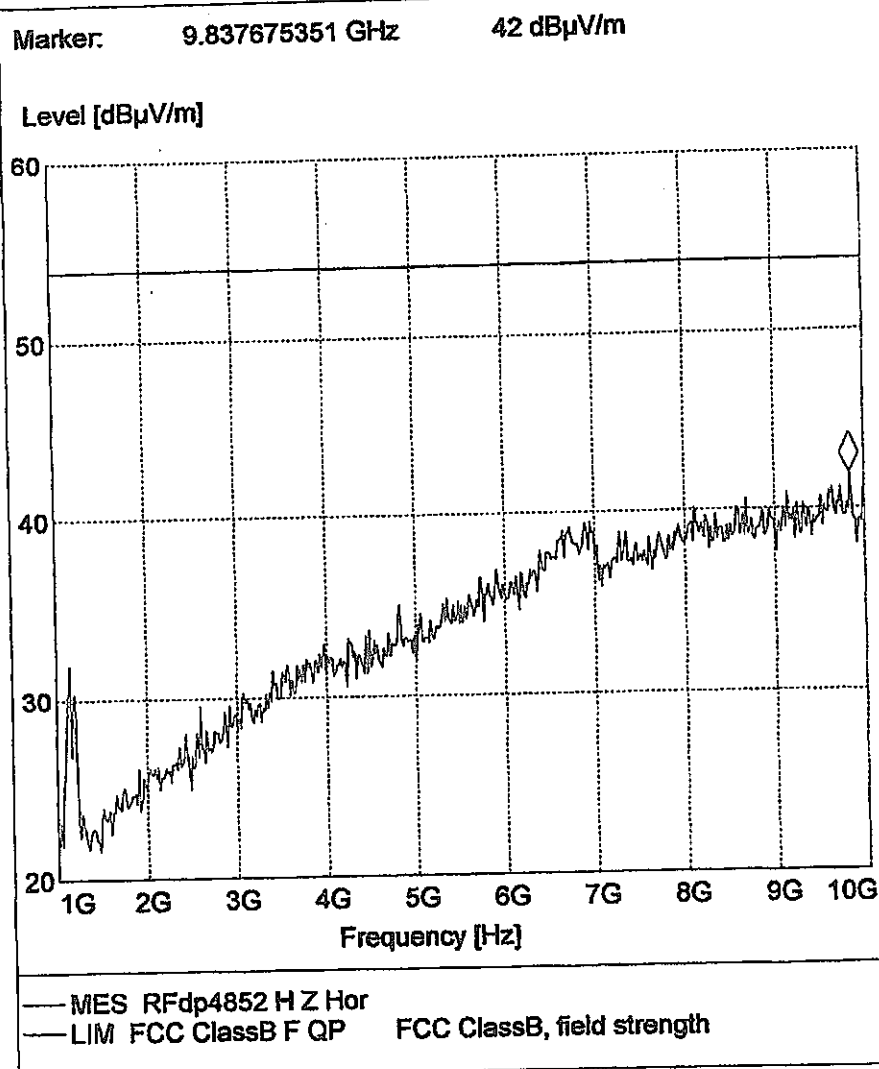
Seite 30 von 33

Test Report No.

Page 30 of 33

Spurious Emission

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX, Z, CH1
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Horizontal
Comment: DC 12V



Prüfbericht - Nr.:

16007417 001

Seite 31 von 33

Test Report No.

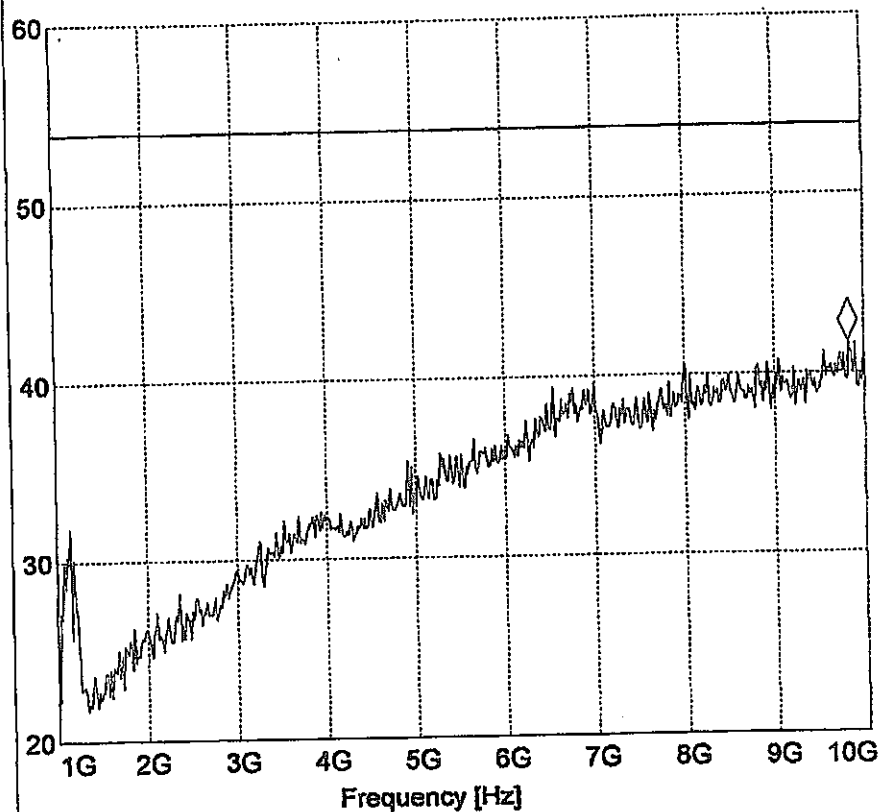
Page 31 of 33

Spurious Emission

EUT: M/N:RFdp4852
Manufacturer:
Operating Condition: RX, Z, CH1
Test Site: SMQ EMC Lab.SAC
Operator:
Test Specification: Vertical
Comment: DC 12V

Marker: 9.819639279 GHz 41.71 dB μ V/m

Level [dB μ V/m]



— MES RFdp4852 H Z Ver
— LIM FCC ClassB F QP FCC ClassB, field strength

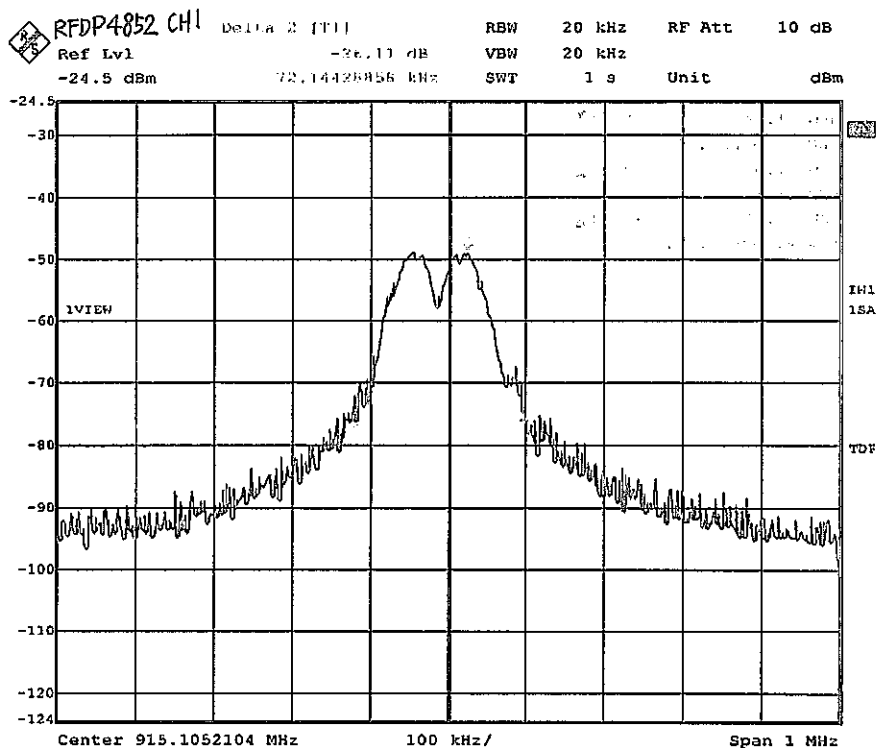
Prüfbericht - Nr.:

16007417 001

Seite 32 von 33

Test Report No.

Page 32 of 33



Date: 20.JUL.2006 14:27:54

Prüfbericht - Nr.:

16007417 001

Seite 33 von 33

Page 33 of 33

Test Report No.

