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16007417 001

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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 Radar 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

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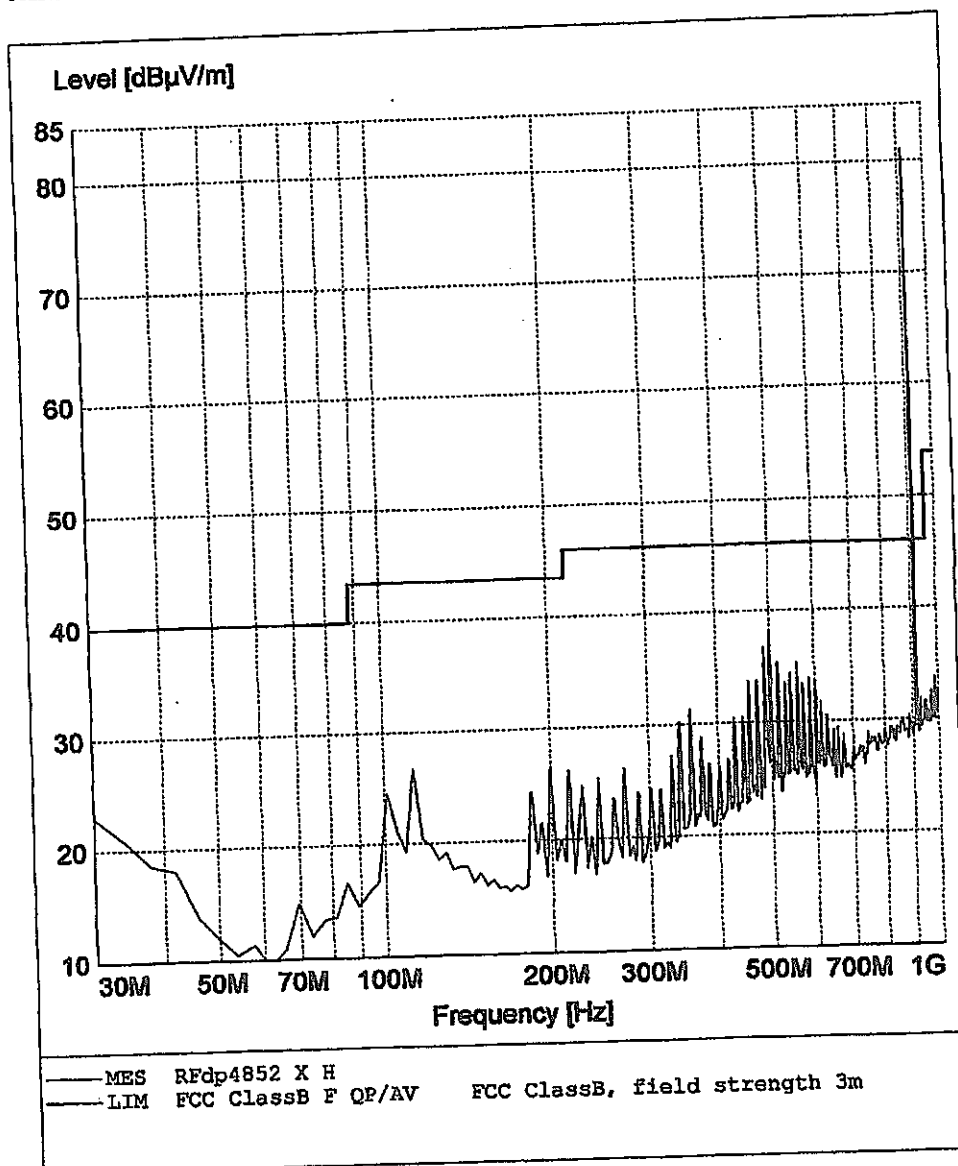
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Radiated Disturbance

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



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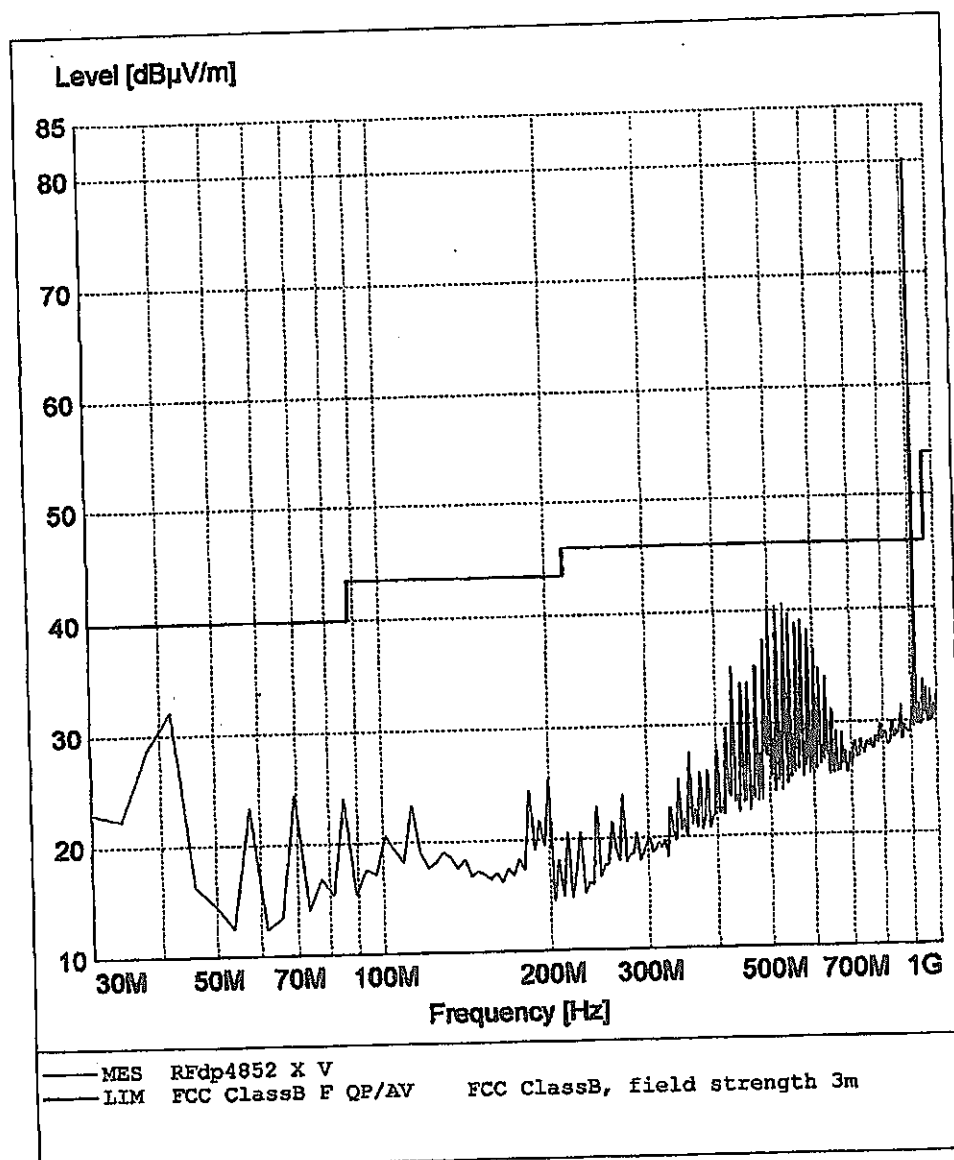
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Radiated Disturbance

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



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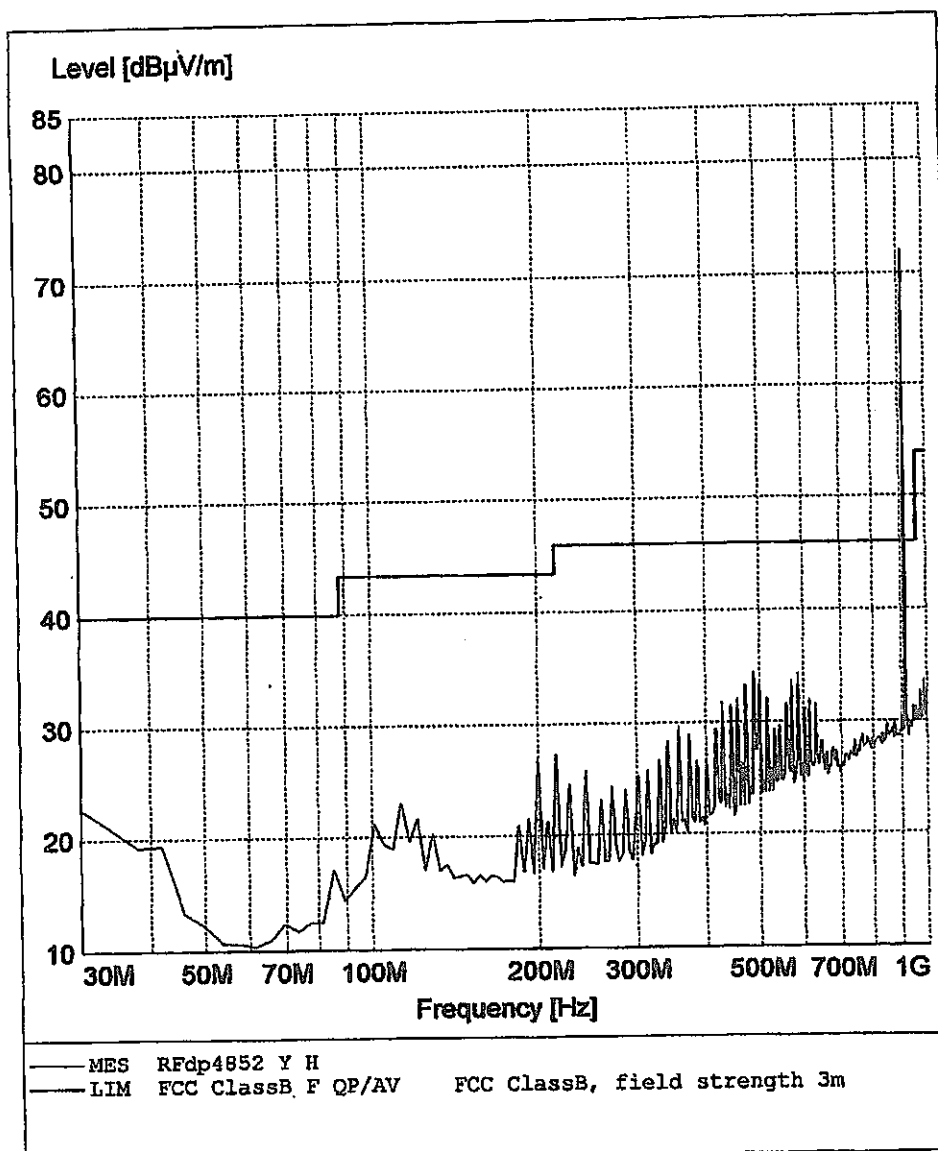
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Radiated Disturbance

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



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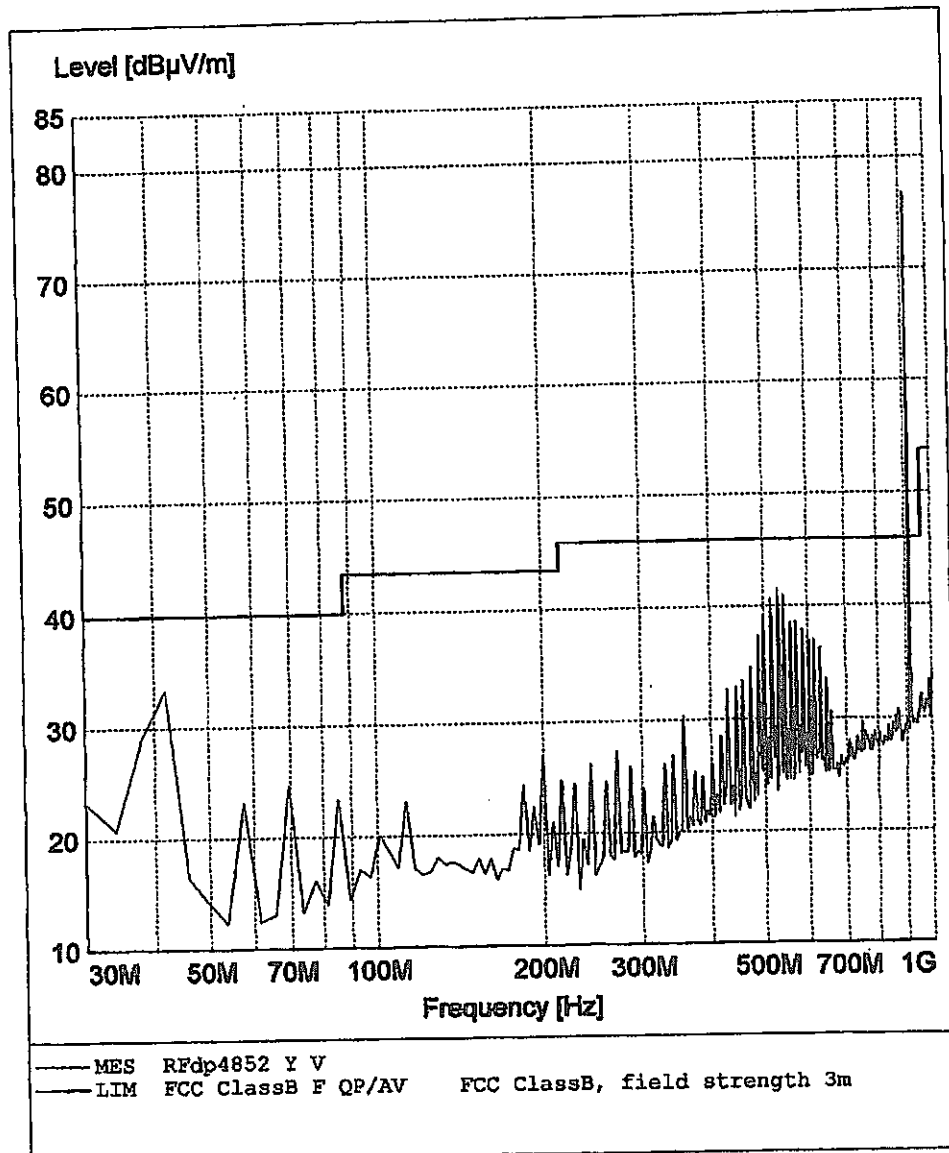
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Radiated Disturbance

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



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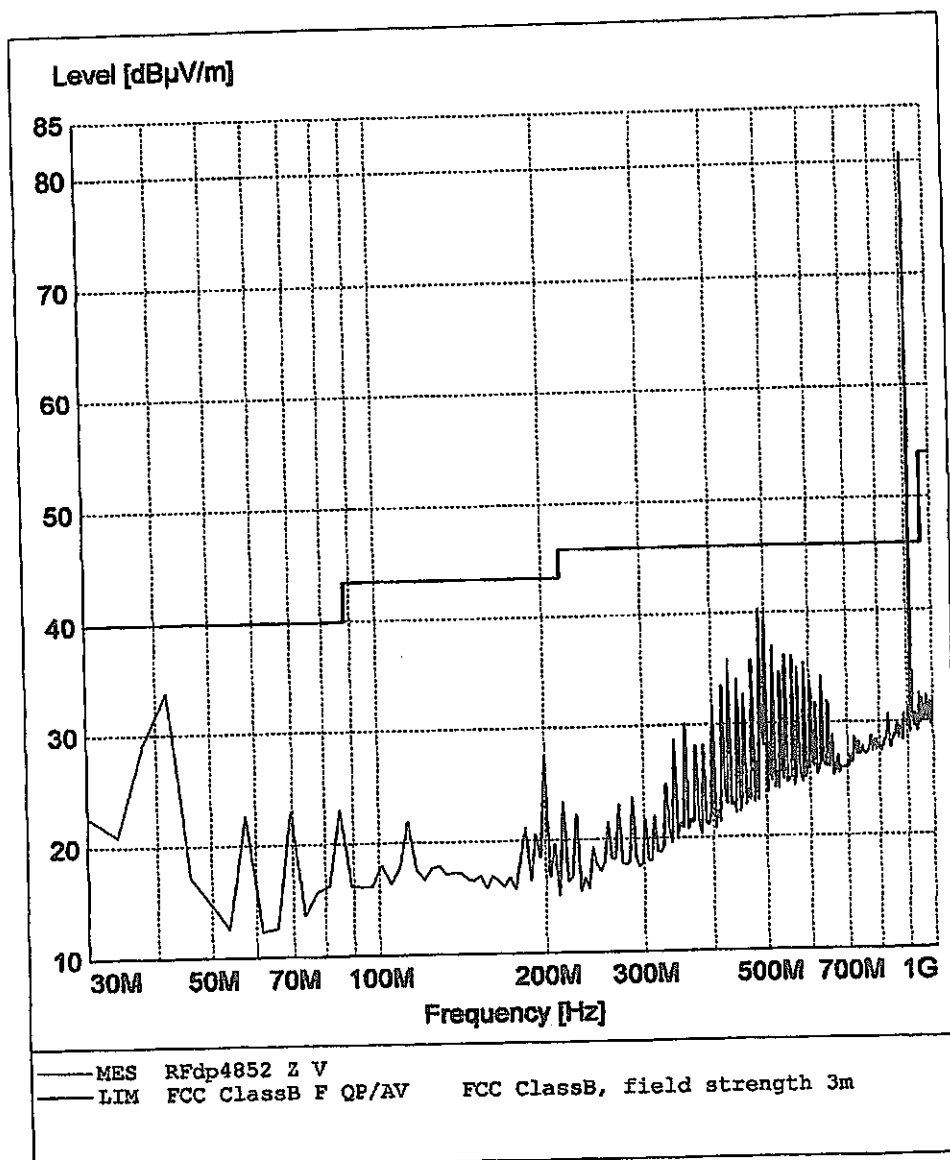
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Radiated Disturbance

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



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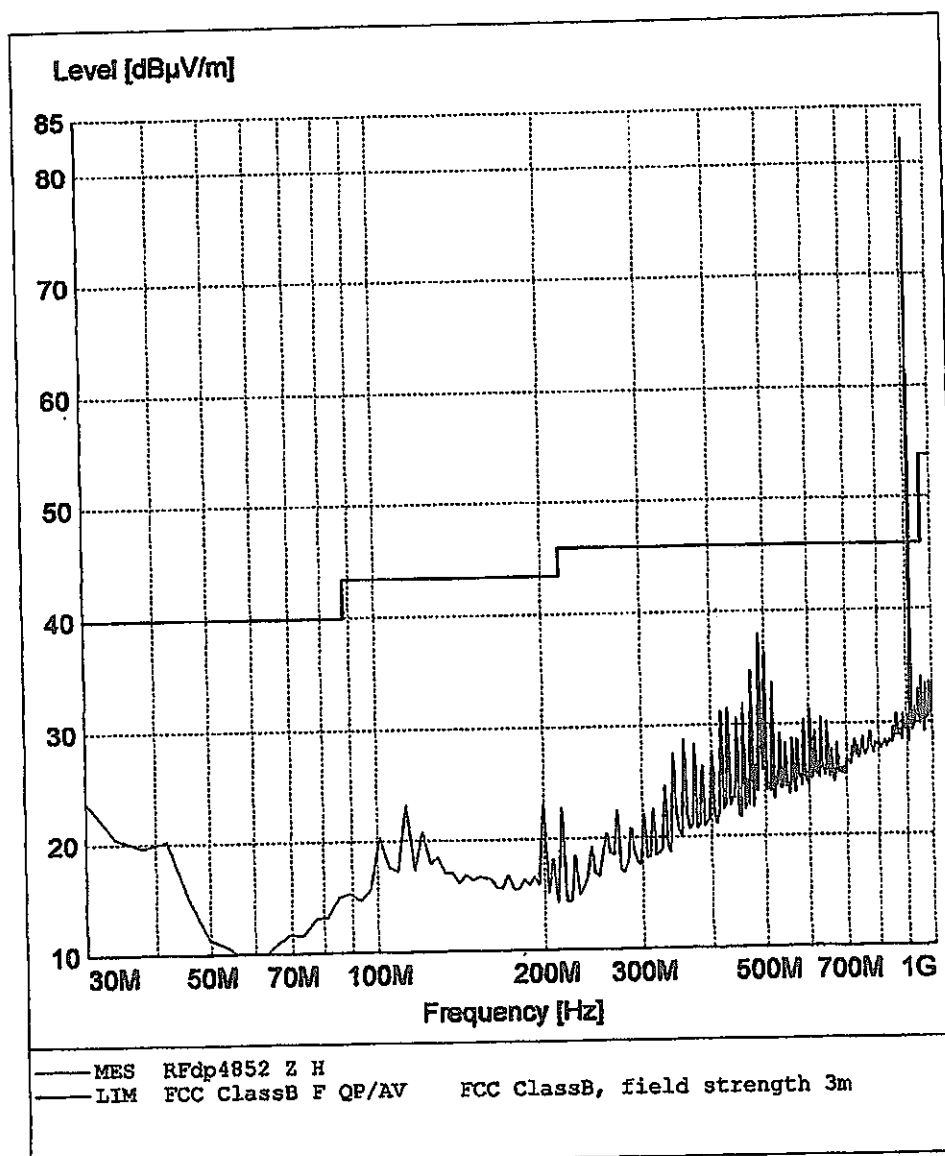
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Radiated Disturbance

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

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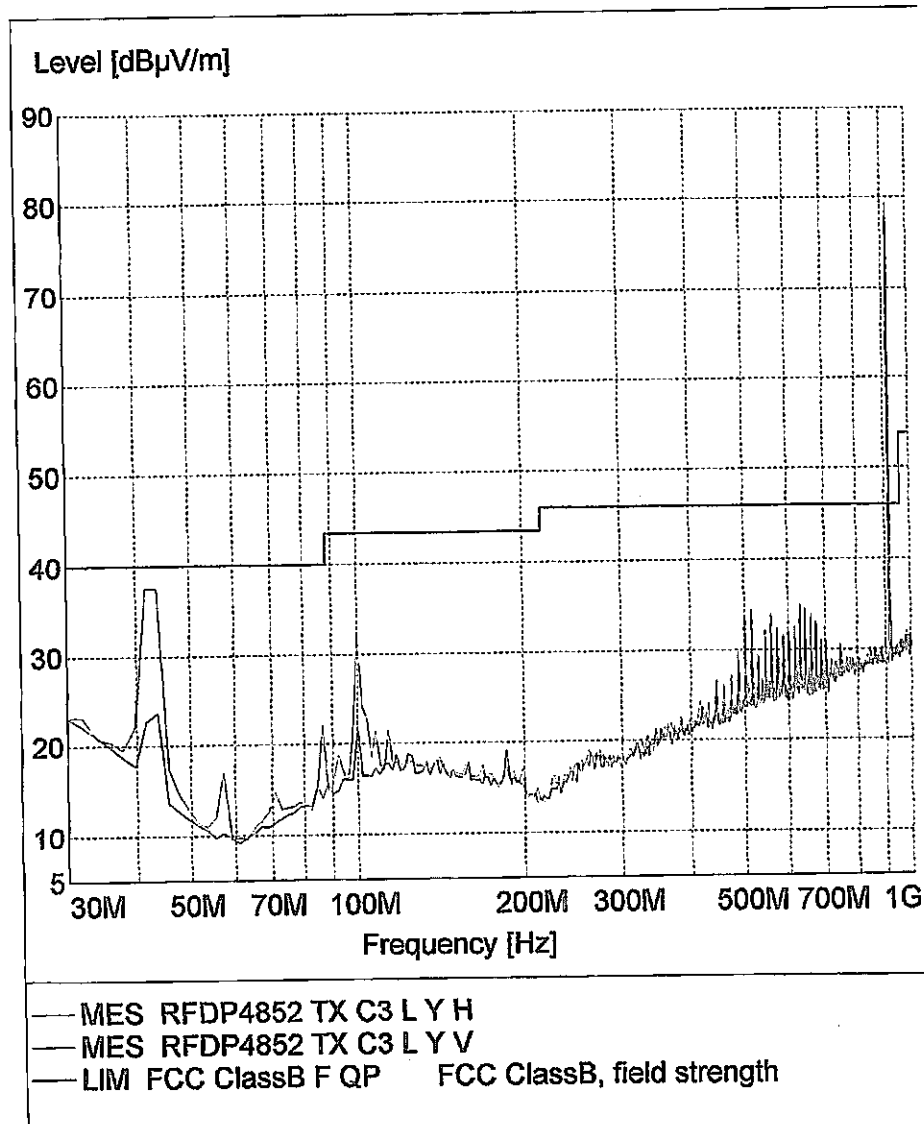
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Radiated Disturbance

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



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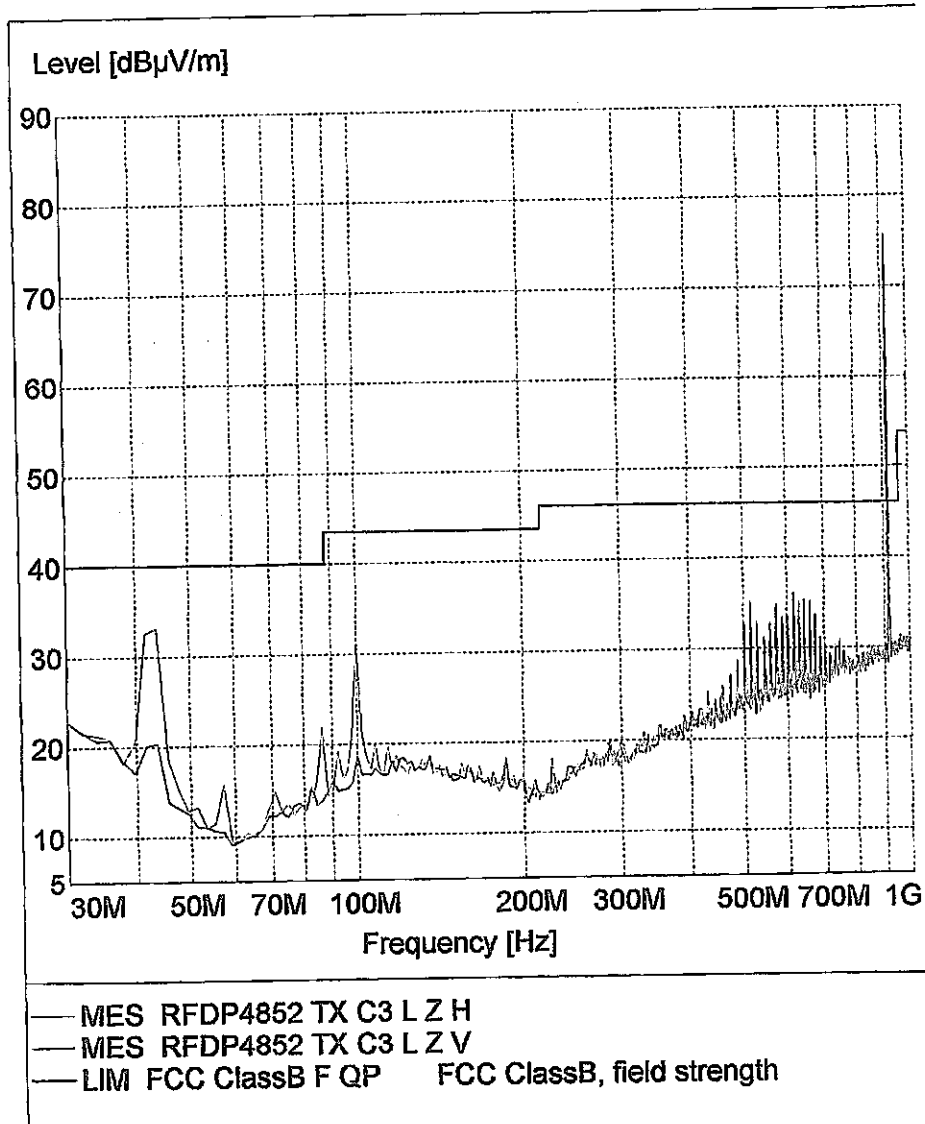
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Radiated Disturbance

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



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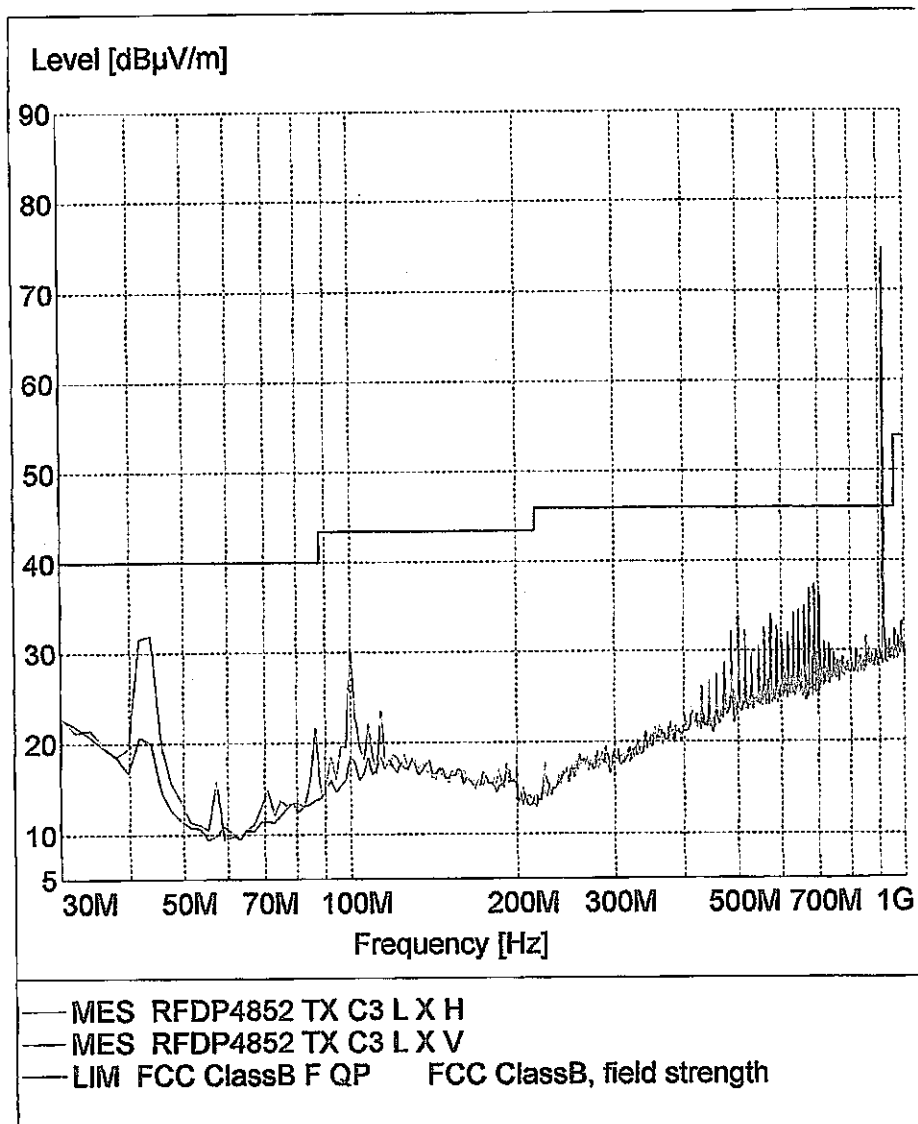
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Radiated Disturbance

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



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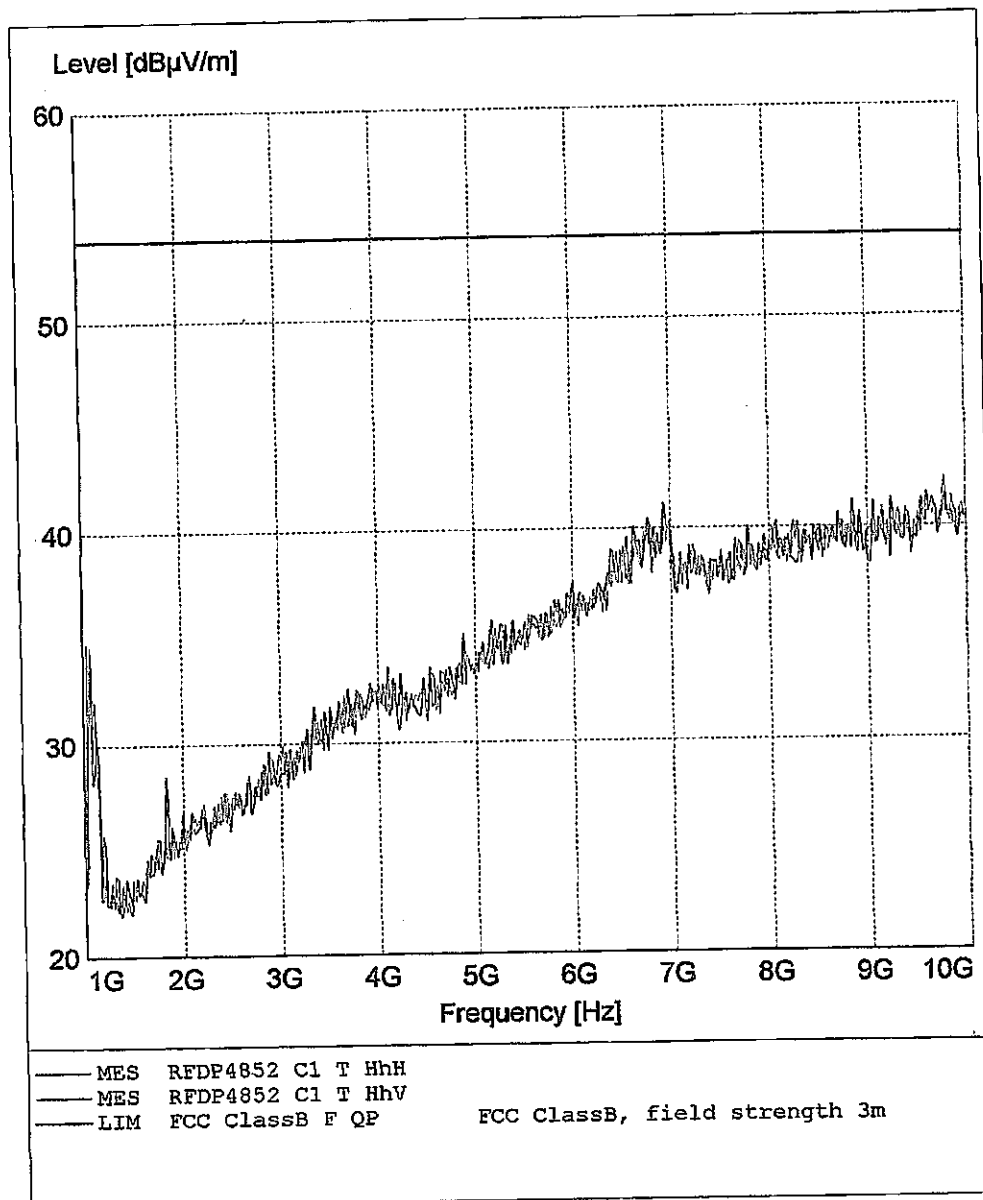
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Radiated Disturbance

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



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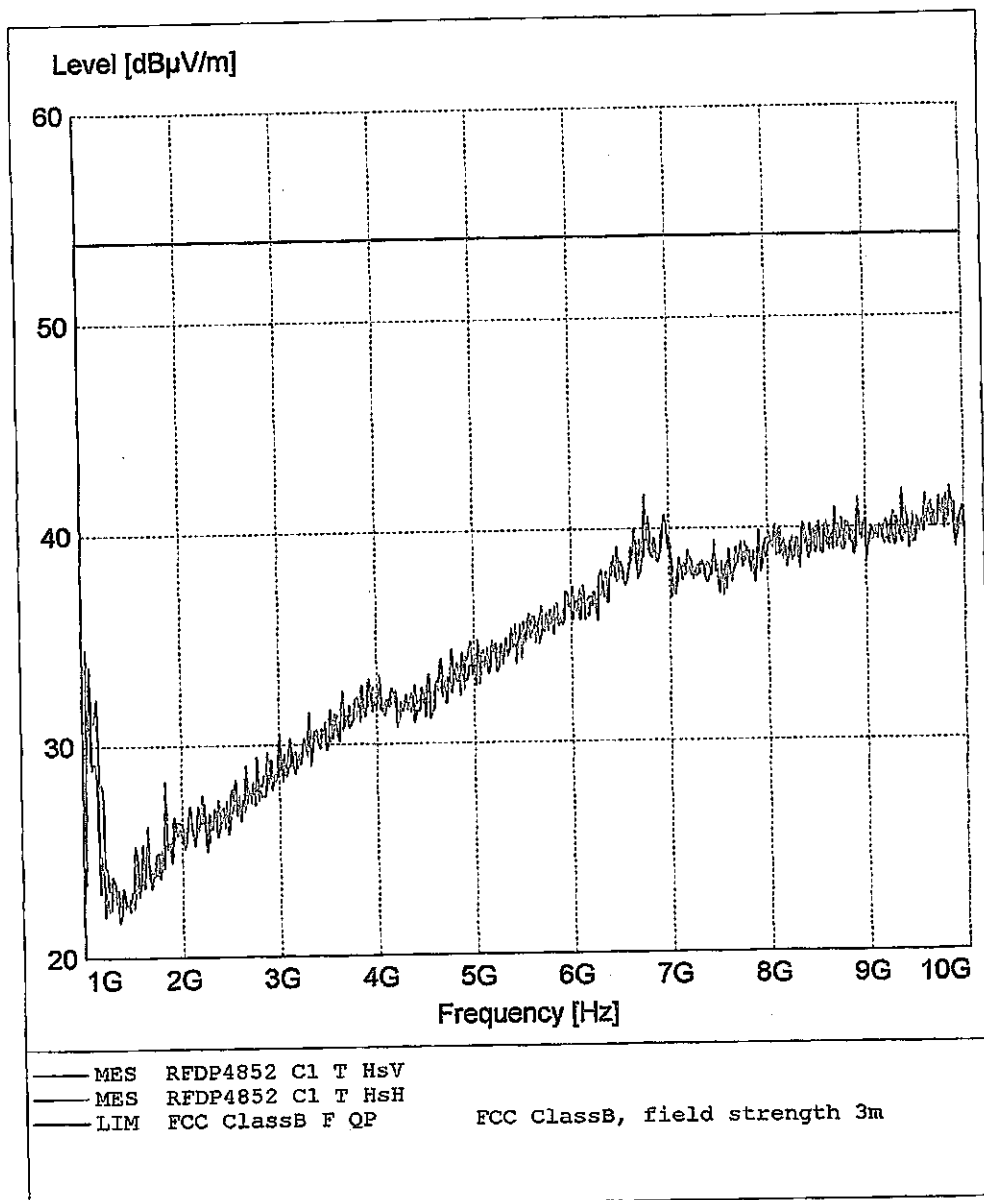
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Radiated Disturbance

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



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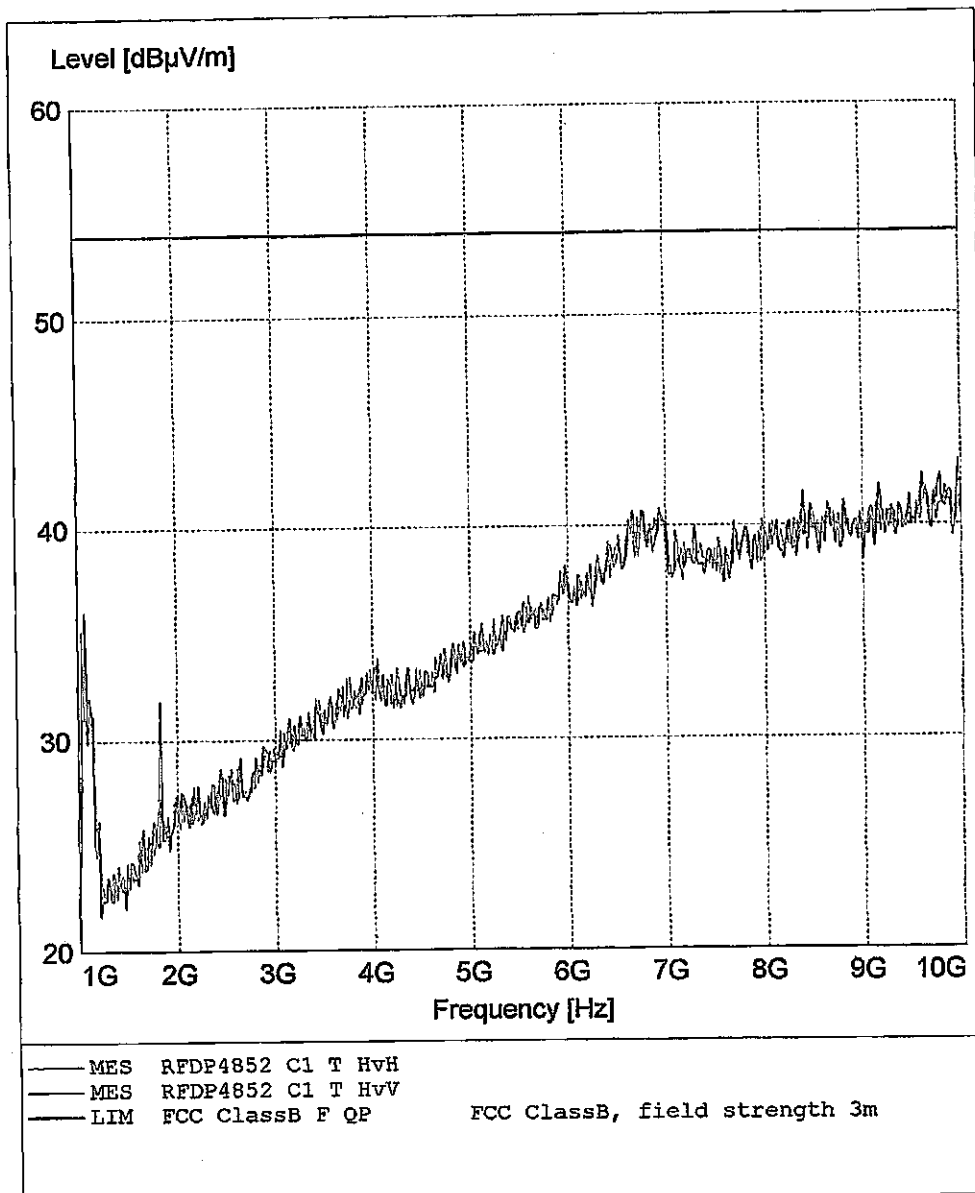
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Radiated Disturbance

FCC Part15

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



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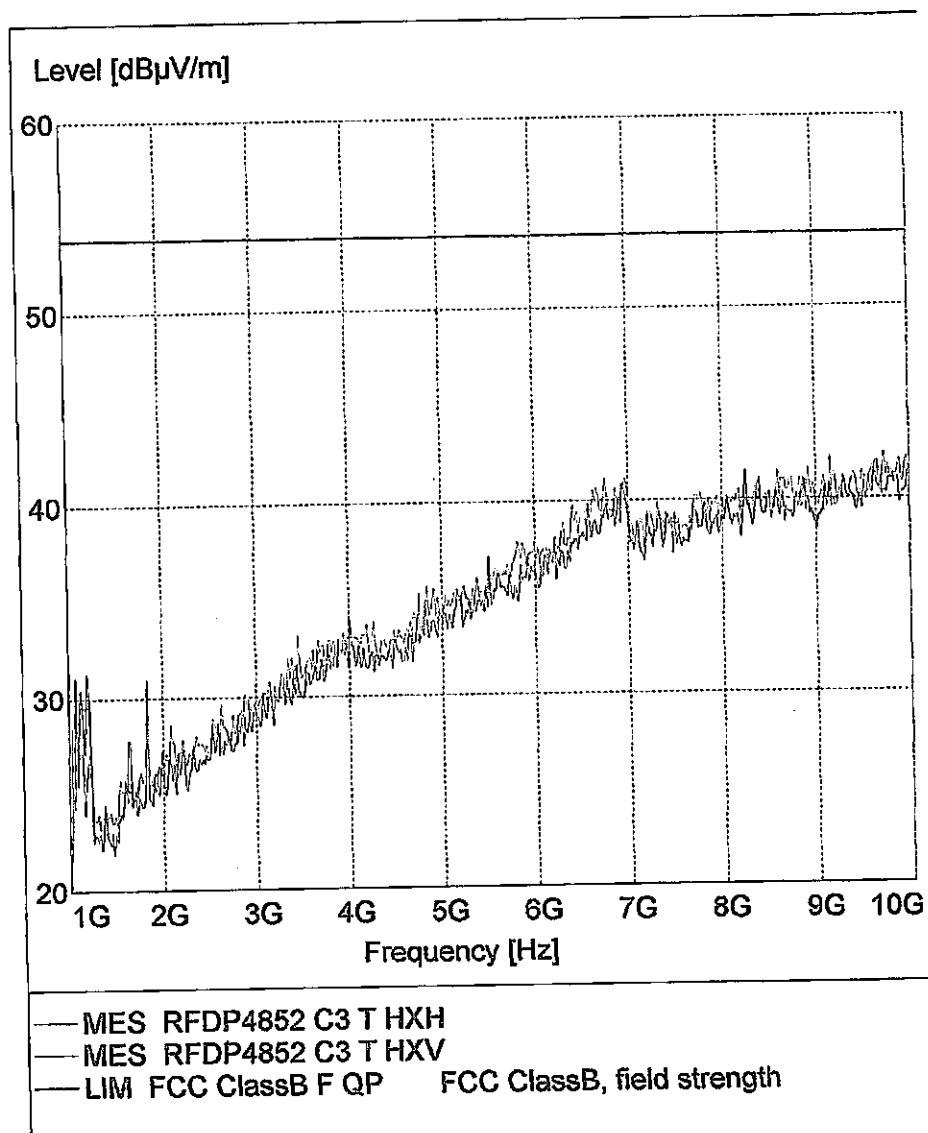
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Radiated Disturbance

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



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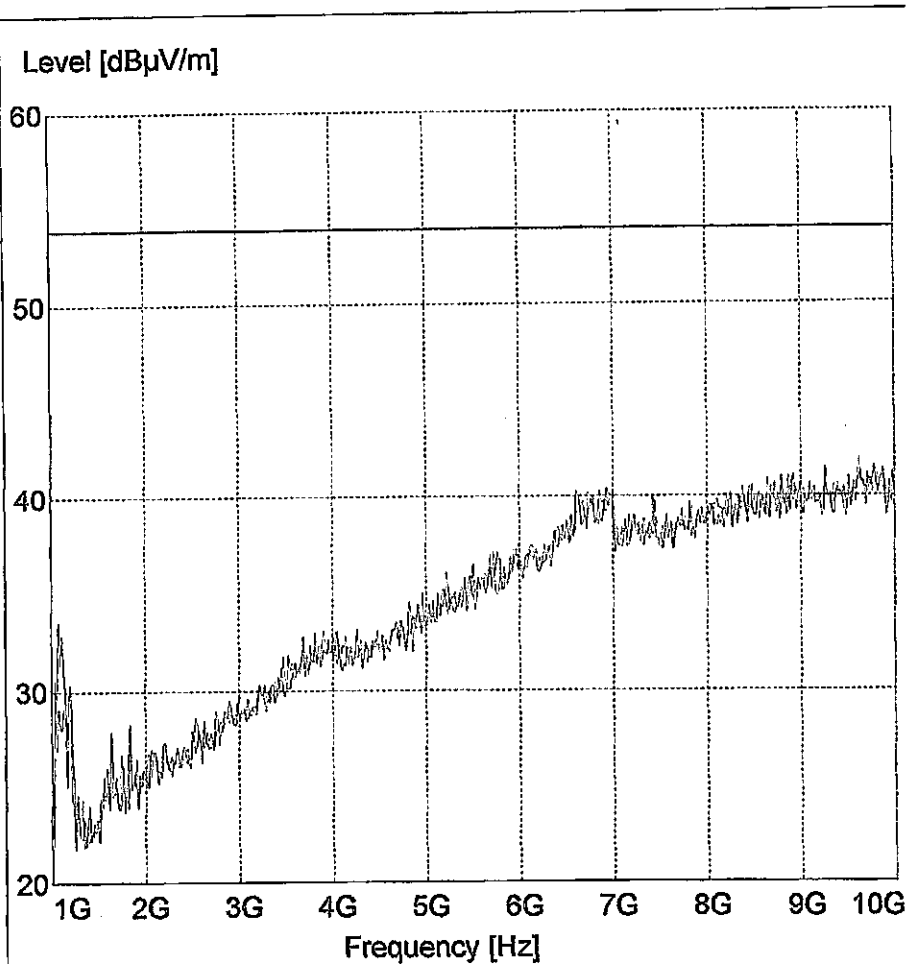
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Radiated Disturbance

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

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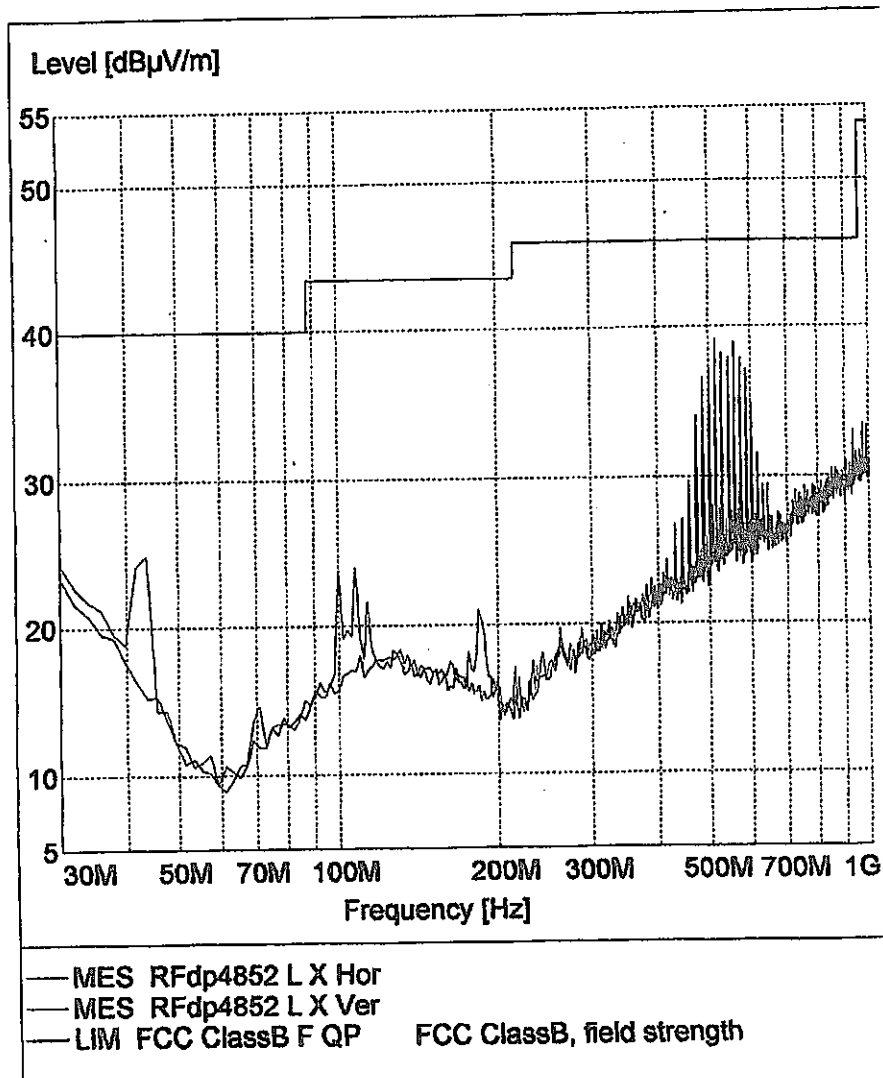
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Radiated Disturbance

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



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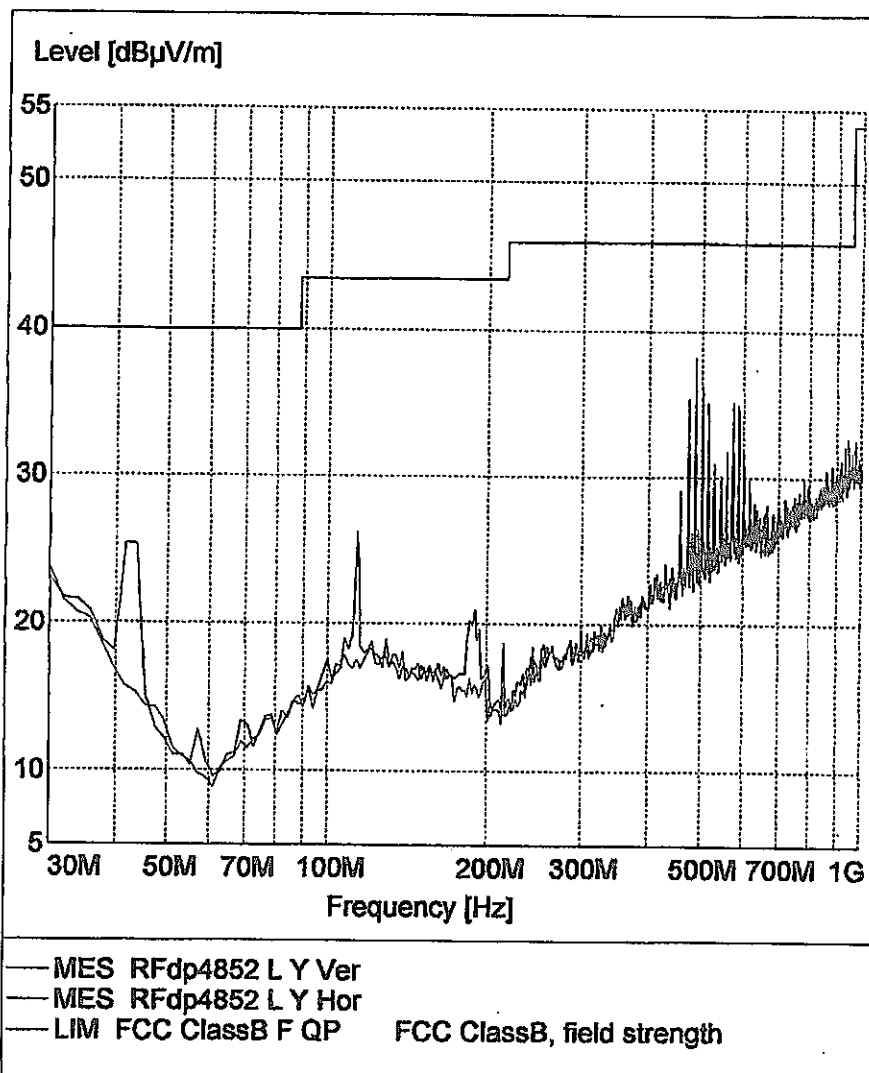
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Radiated Disturbance

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



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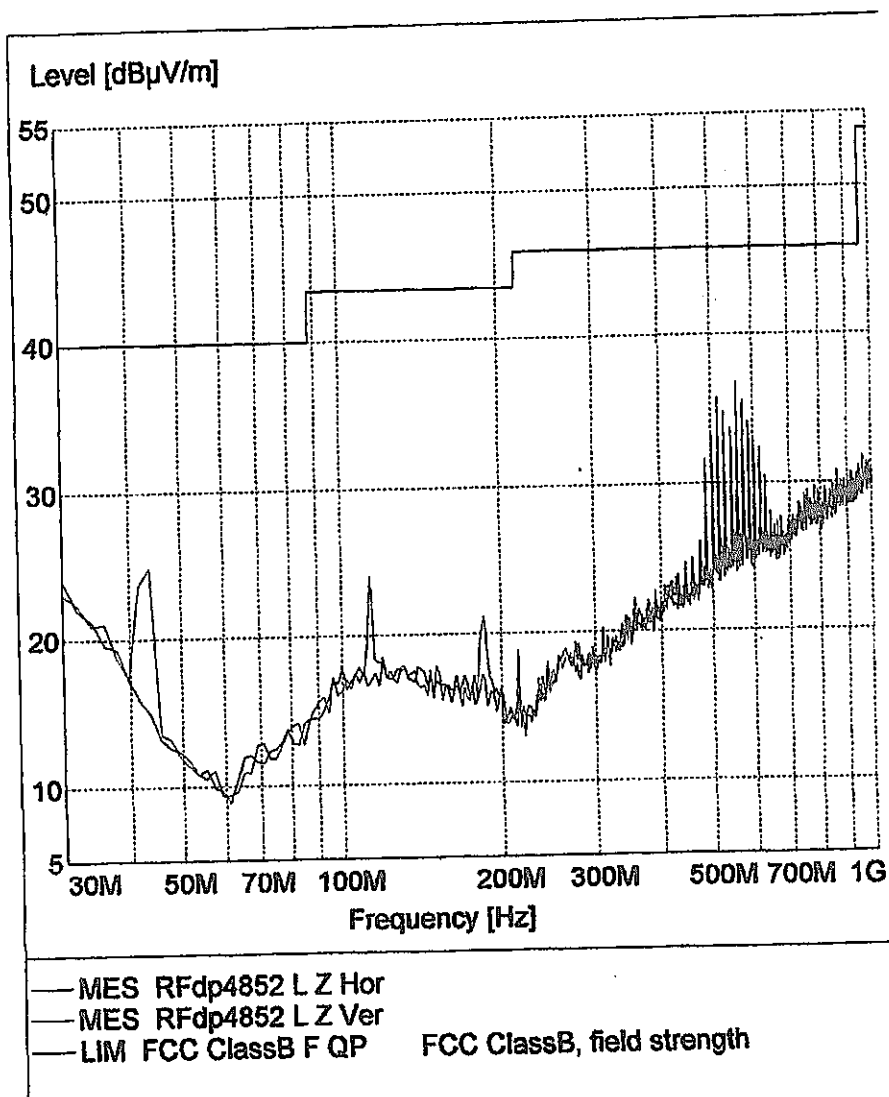
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Radiated Disturbance

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



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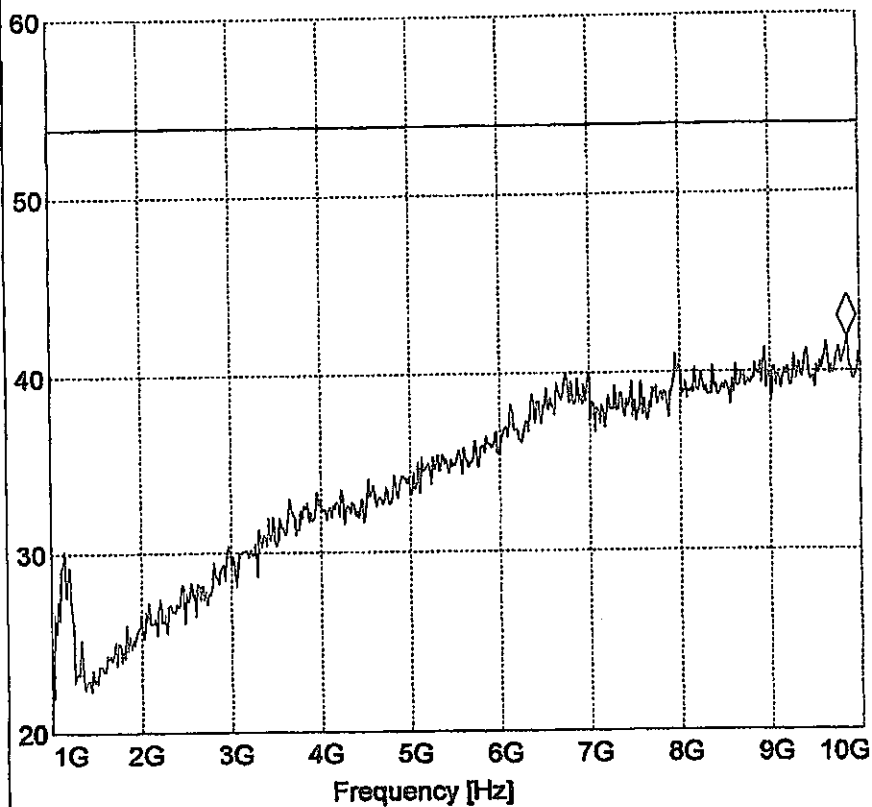
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Spurious Emission

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

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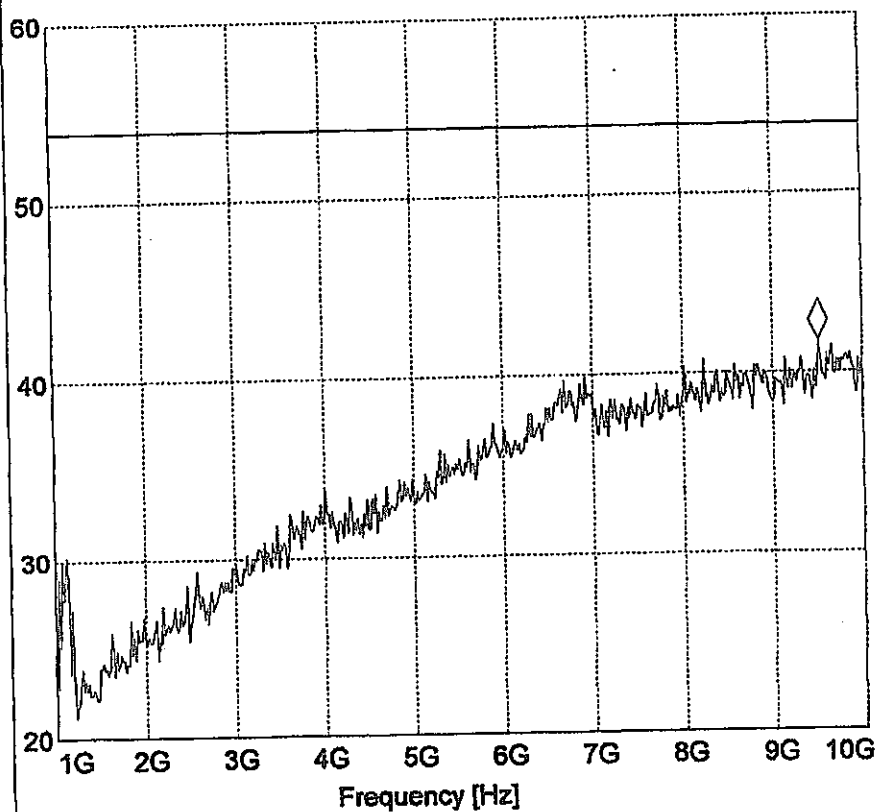
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Spurious Emission

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

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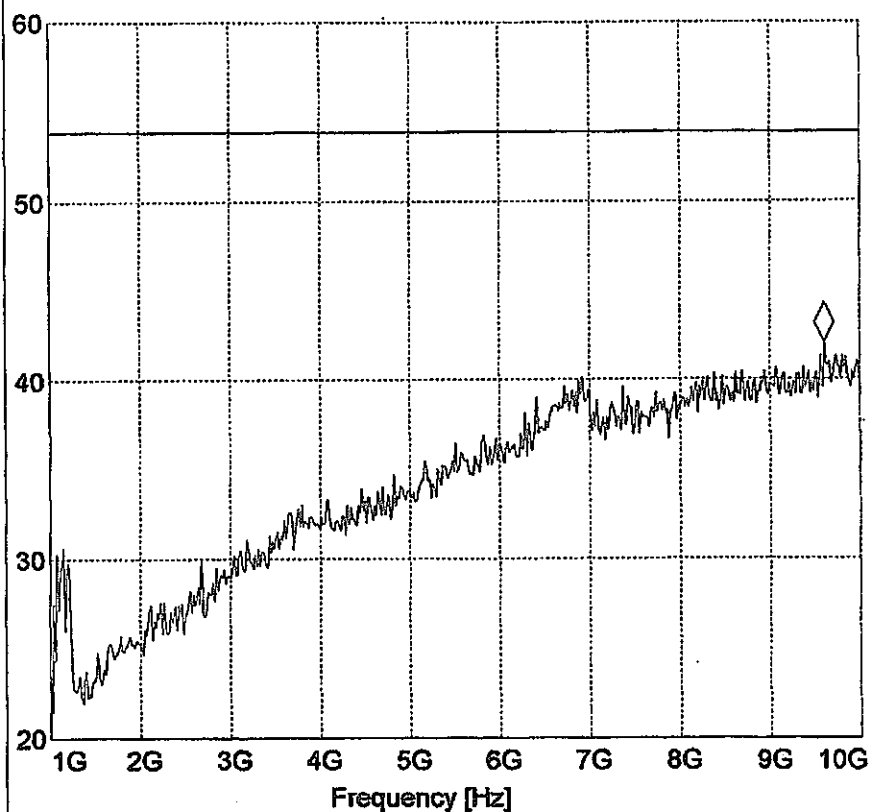
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Spurious Emission

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 dB μ V/m

Level [dB μ V/m]



— MES RFdp4852 H Y Hor

— LIM FCC ClassB F QP FCC ClassB, field strength

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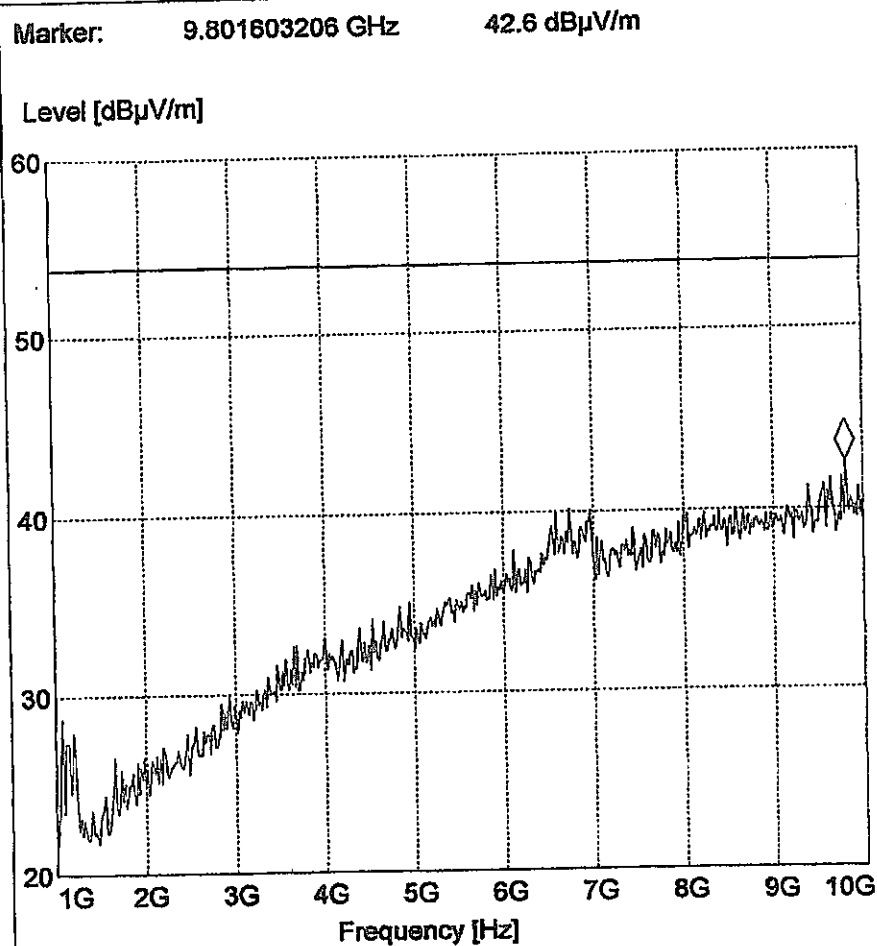
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Spurious Emission

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

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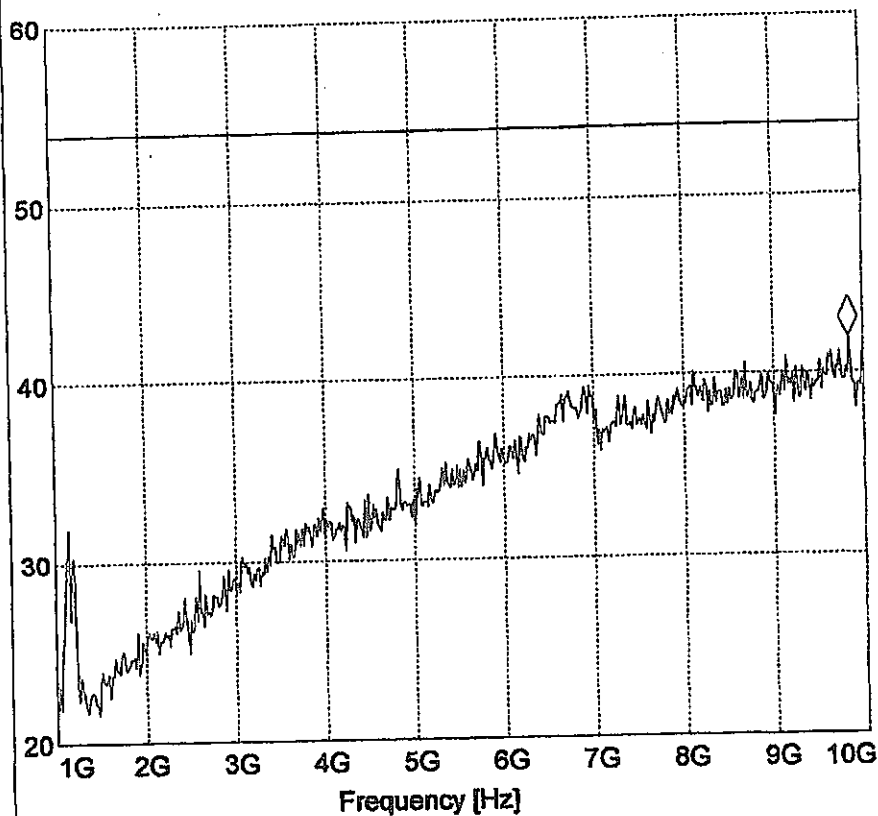
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Spurious Emission

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

Marker: 9.837675351 GHz 42 dB μ V/m

Level [dB μ V/m]



— MES RFdp4852 H Z Hor

— LIM FCC ClassB F QP FCC ClassB, field strength

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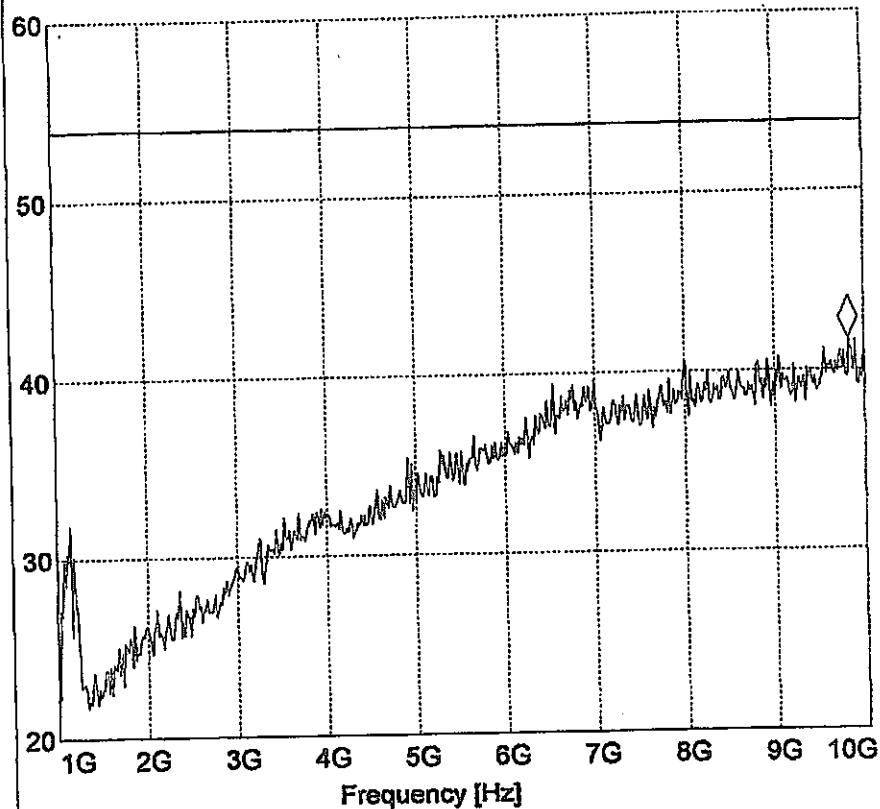
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Spurious Emission

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

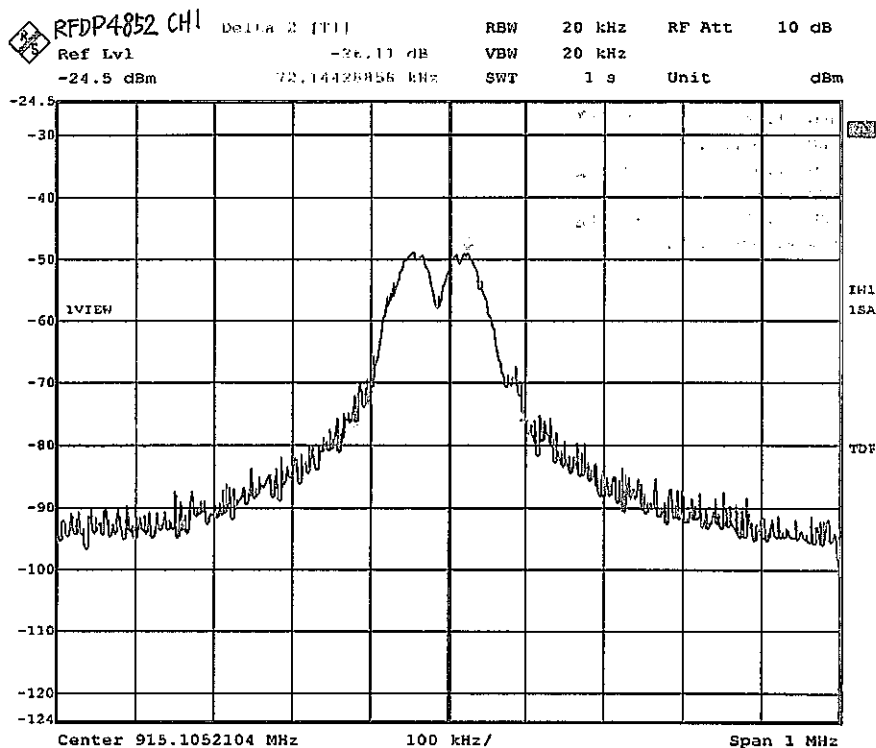
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Date: 20.JUL.2006 14:27:54

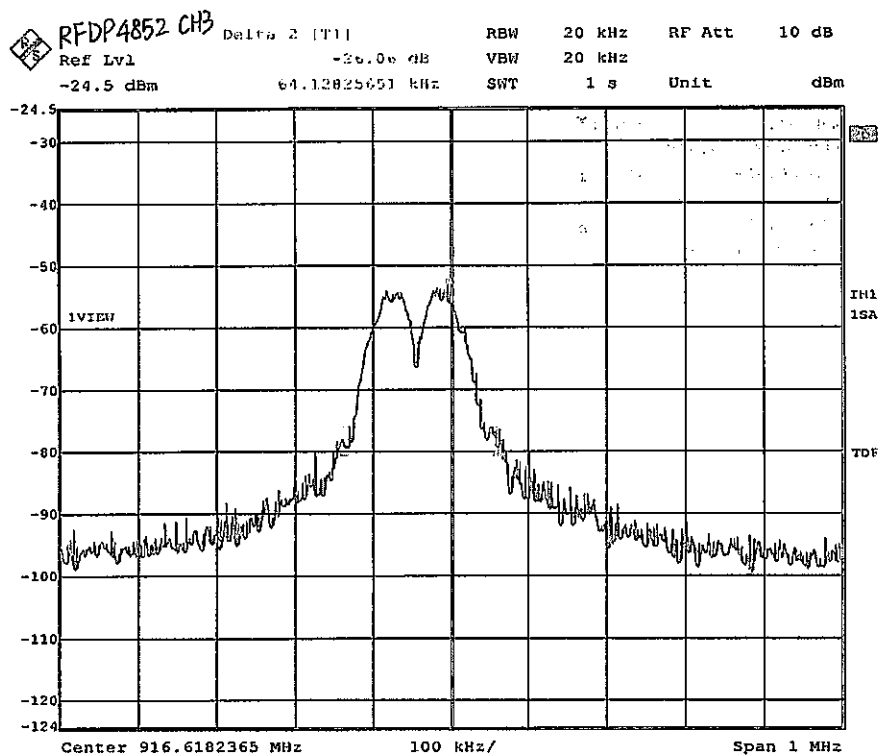
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Date: 20.JUL.2006 14:31:50