

Type Acceptance Test Report

UHF Data Transmit Module

FCC ID: B2FTALON-U

FCC Rule Part: 90

ACS Report Number: 03-0102-90TA

Manufacturer: Kantronics
Model: Talon UDC

Data Plots



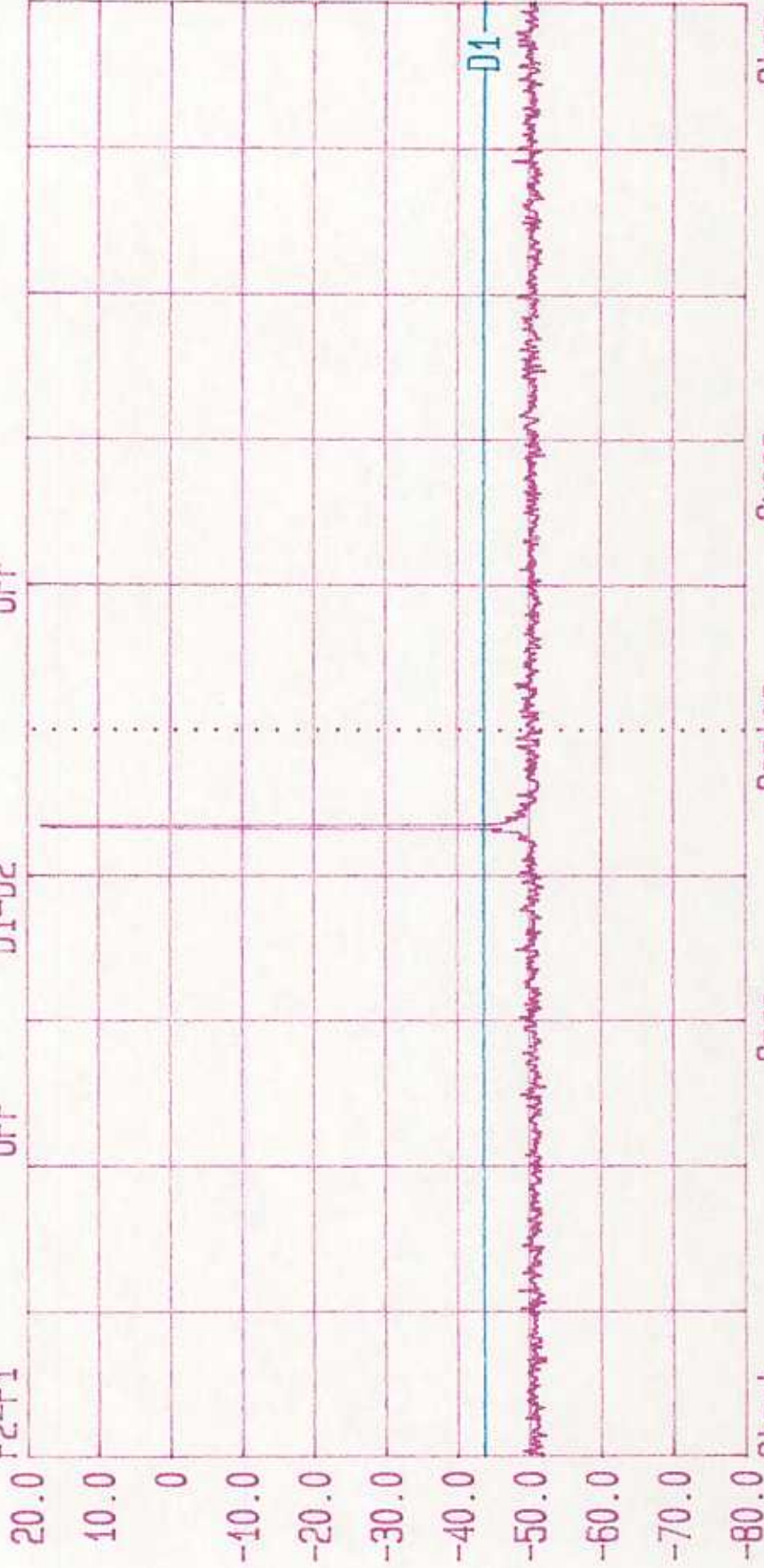
Date 13.Jan.'87 Time 00:19:05

Ref.Lvl
20.00 dBm

Res.Bw 120.1 kHz [3dB]
TG.Lvl Off
CF.Stp 97.000 MHz
Vid.Bw 300 kHz
RF.Att 35 dB
Unit [dBm]

F1 OFF D1
F2 OFF D2
F2-F1 OFF D1-D2

--43.38 dBm
OFF
OFF



Start
30 MHz

Span
970 MHz

Center
515 MHz

Sweep
220 ms

Stop
1 GHz

03-0102 Antenna Conducted Spurious Emissions: Emission Mask D - Low Channel



Date 13. Jan. '87 Time 00:23:37

Ref.Lvl
20.00 dBm

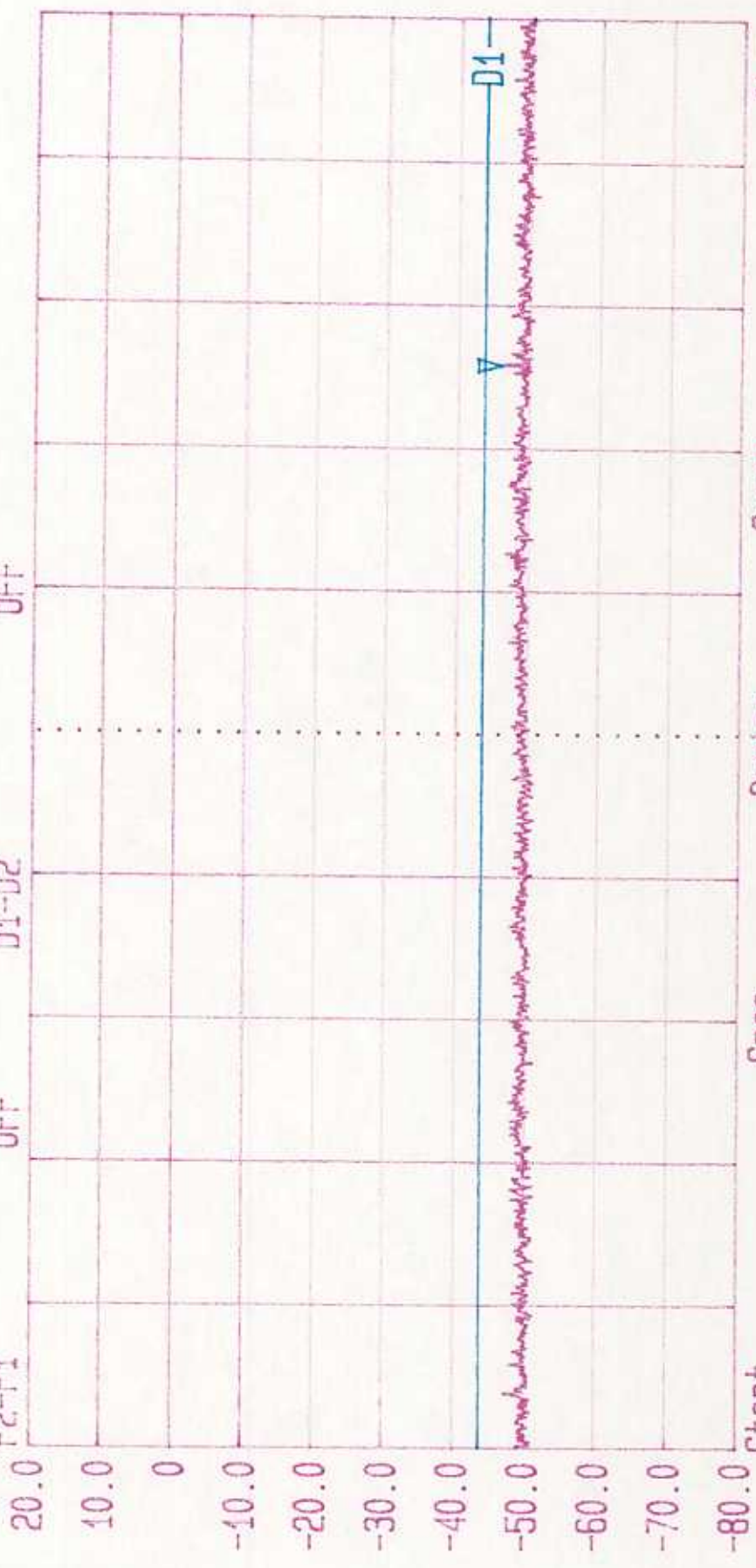
Marker

-45.97 dBm
2.5177 GHz

Res.Bw 120.1 kHz [3dB]
TG.Lvl off
CF.Stp 200.000 MHz
Vid.Bw 300 kHz
RF.Att 35 dB
Unit [dBm]

F1 OFF
F2 OFF
F2-F1 OFF
D1 D1
D2 D2
D1-D2 D1-D2

--43.38 dBm
OFF
OFF



Start
1 GHz

Span
2 GHz

Center
2 GHz

Sweep
420 ms

Stop
3 GHz

03-0102 Antenna Conducted Spurious Emissions: Emission Mask D - Low Channel



Date 13. Jan. '87 Time 00:32:26

Ref. Lvl

20.00 dBm

Marker

-45.84 dBm

3.5610 GHz

F1

OFF

D1

-43.38 dBm

F2

OFF

D2

OFF

F2-F1

OFF

D1-D2

OFF

Res. Bw 120.1 kHz [3dB]

TG. Lvl off

CF. Stp 170.000 MHz

Vid. Bw

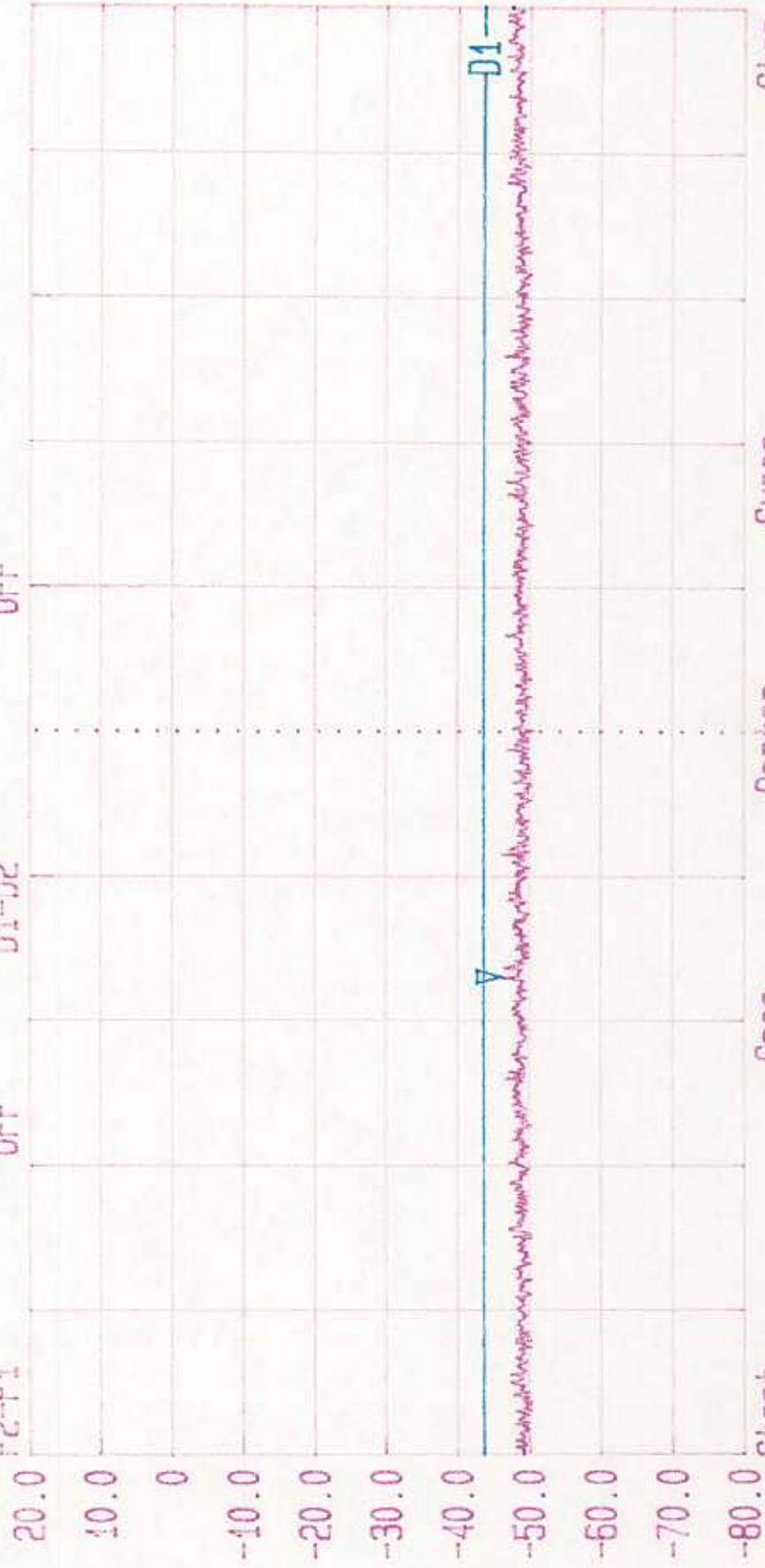
RF. Att

Unit

300 kHz

35 dB

[dBm]



Start 3 GHz

Span 1.7 GHz

Center 3.85 GHz

Sweep 360 ms

Stop 4.7 GHz

03-0102 Antenna Conducted Spurious Emissions: Emission Mask D - Low Channel



Date 12.Jan.'87 Time 23:49:40

Ref.Lvl
20.00 dBm

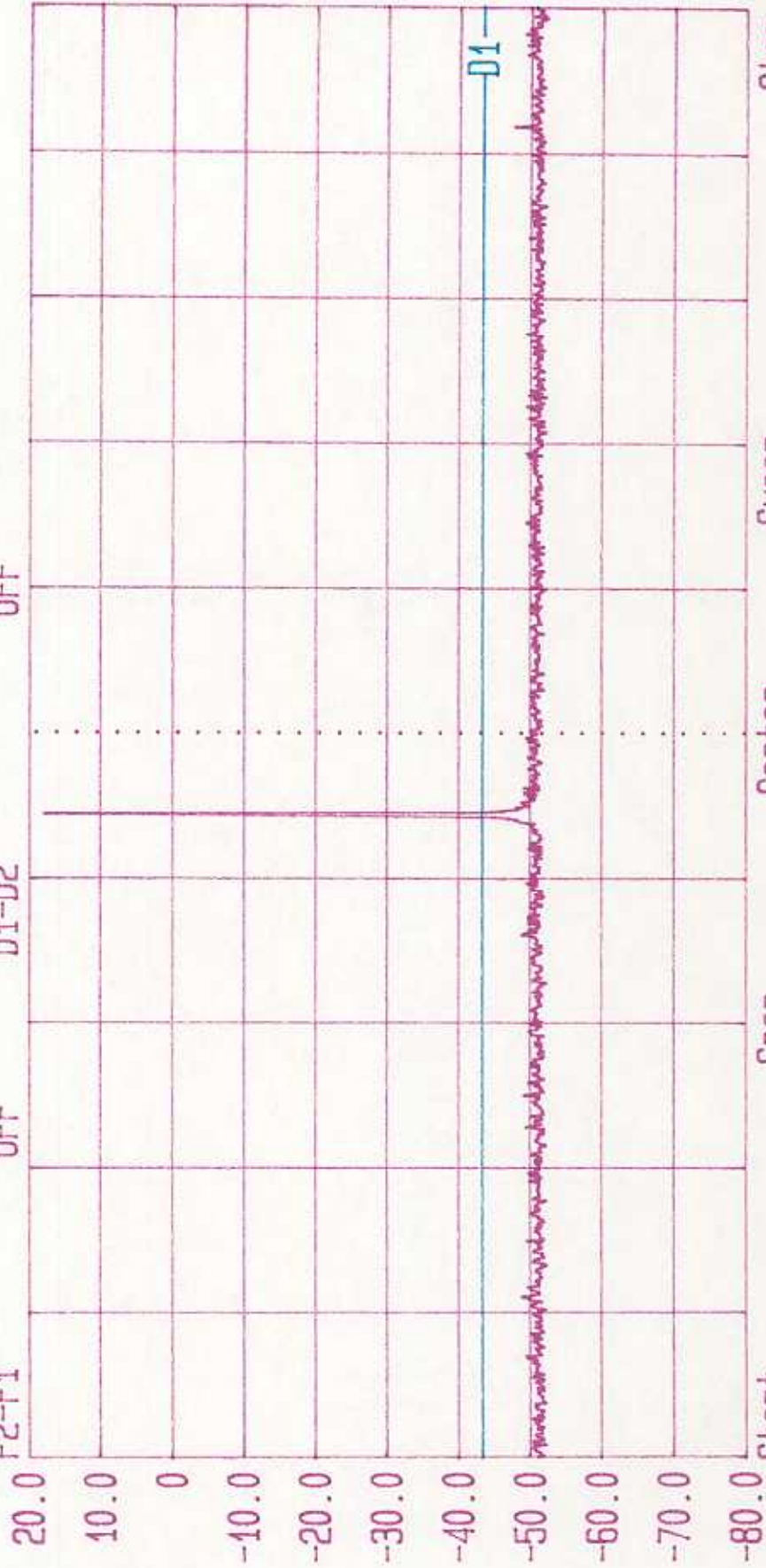
F1
F2
F2-F1

OFF
OFF
OFF

D1
D2
D1-D2

-43.10 dBm
OFF
OFF

Res.Bw 120.1 kHz [3dB]
TG.Lvl off
CF.Stp 97.000 MHz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]



Start
30 MHz

Span
970 MHz

Center
515 MHz

Sweep
220 ms

Stop
1 GHz

03-0102 Antenna Conducted Spurious Emissions:: Emission Mask D - Mid Channel



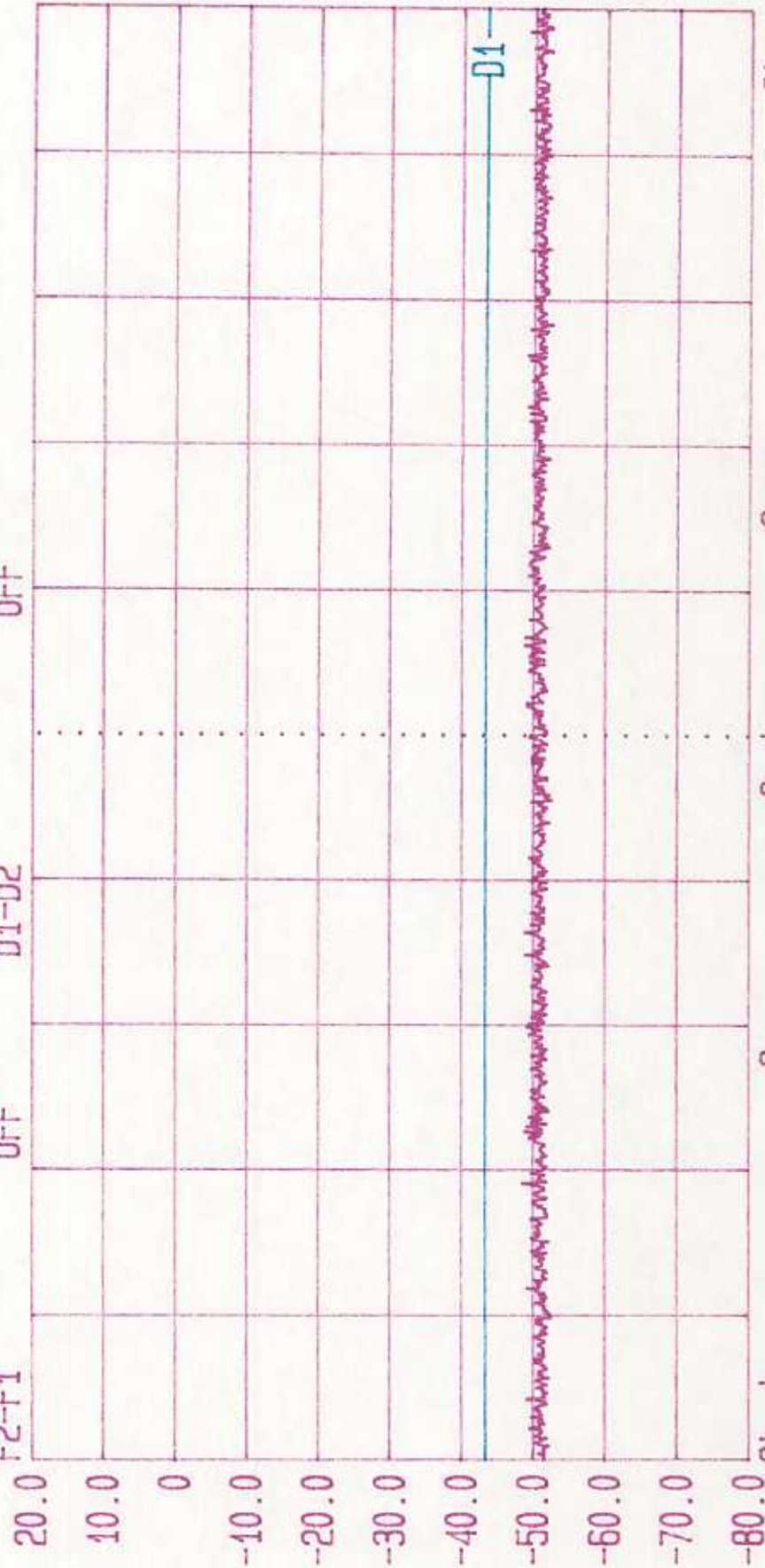
Date 12..Jan.. '87 Time 23:53:42

Ref.Lvl
20.00 dBm

Res.Bw 120.1 kHz [3dB]
TG.Lvl off
CF.Stp 200.000 MHz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]

F1 OFF D1
F2 OFF D2
F2-F1 OFF D1-D2

-43.10 dBm
OFF
OFF



03-0102 Antenna Conducted Spurious Emissions: Emission Mask D -- Mid Channel



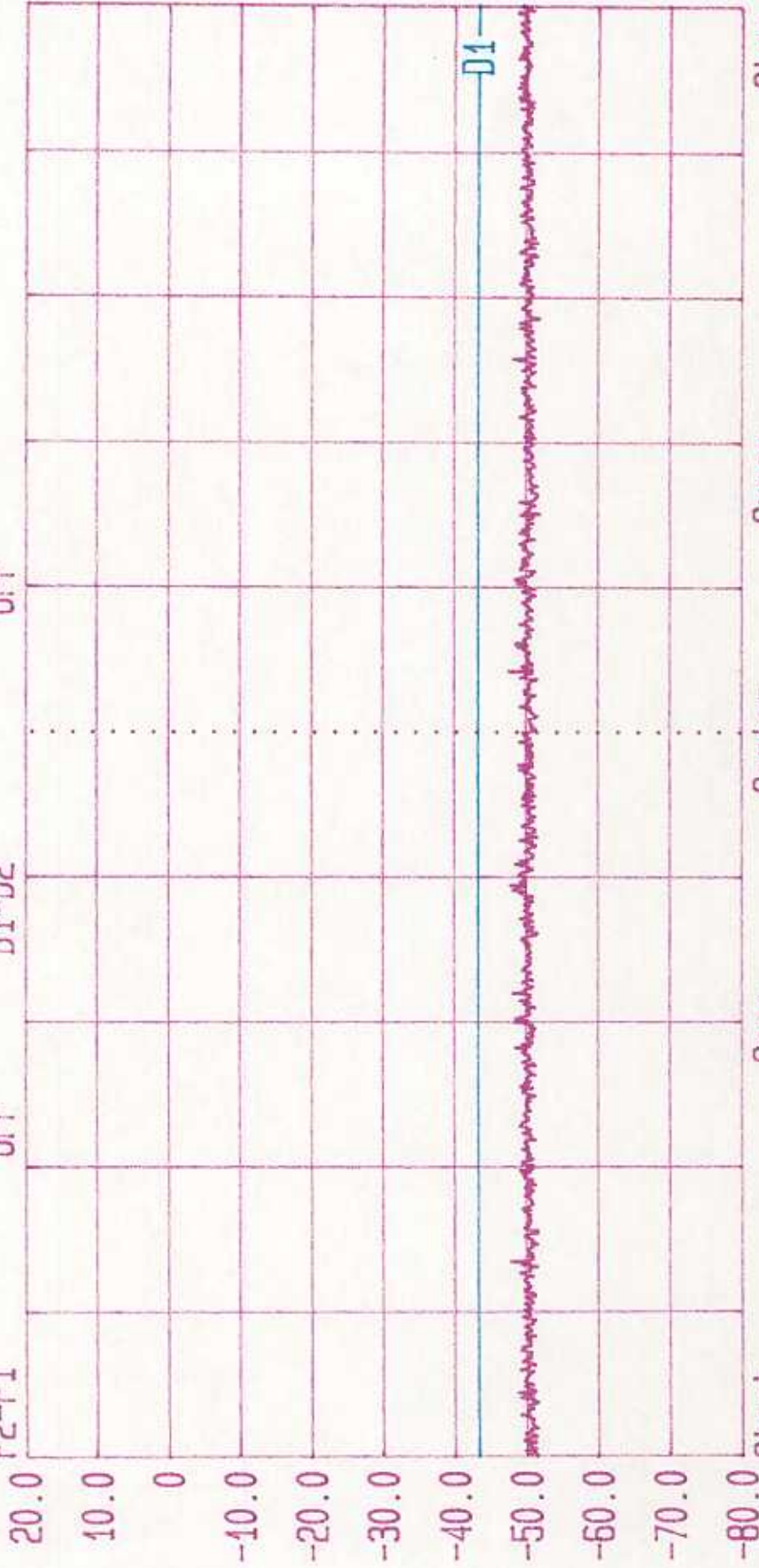
Date 12.Jan.'87 Time 23:58:22

Ref.Lvl
20.00 dBm

Res.Bw 120.1 kHz [3dB]
TG.Lvl off
CF.Stp 170.000 MHz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]

F1 OFF D1
F2 OFF D2
F2-F1 OFF D1-D2

-43.10 dBm
OFF
OFF



03-0102 Antenna Conducted Spurious Emissions: Emission Mask D - Mid Channel



Date 12.Jan.'87 Time 23:23:48

Ref.Lvl
20.00 dBm

F1

F2

F2-F1

OFF

OFF

OFF

D1

D2

D1-D2

-31.34 dBm

OFF

OFF

Res.Bw
120.1 kHz [3dB]

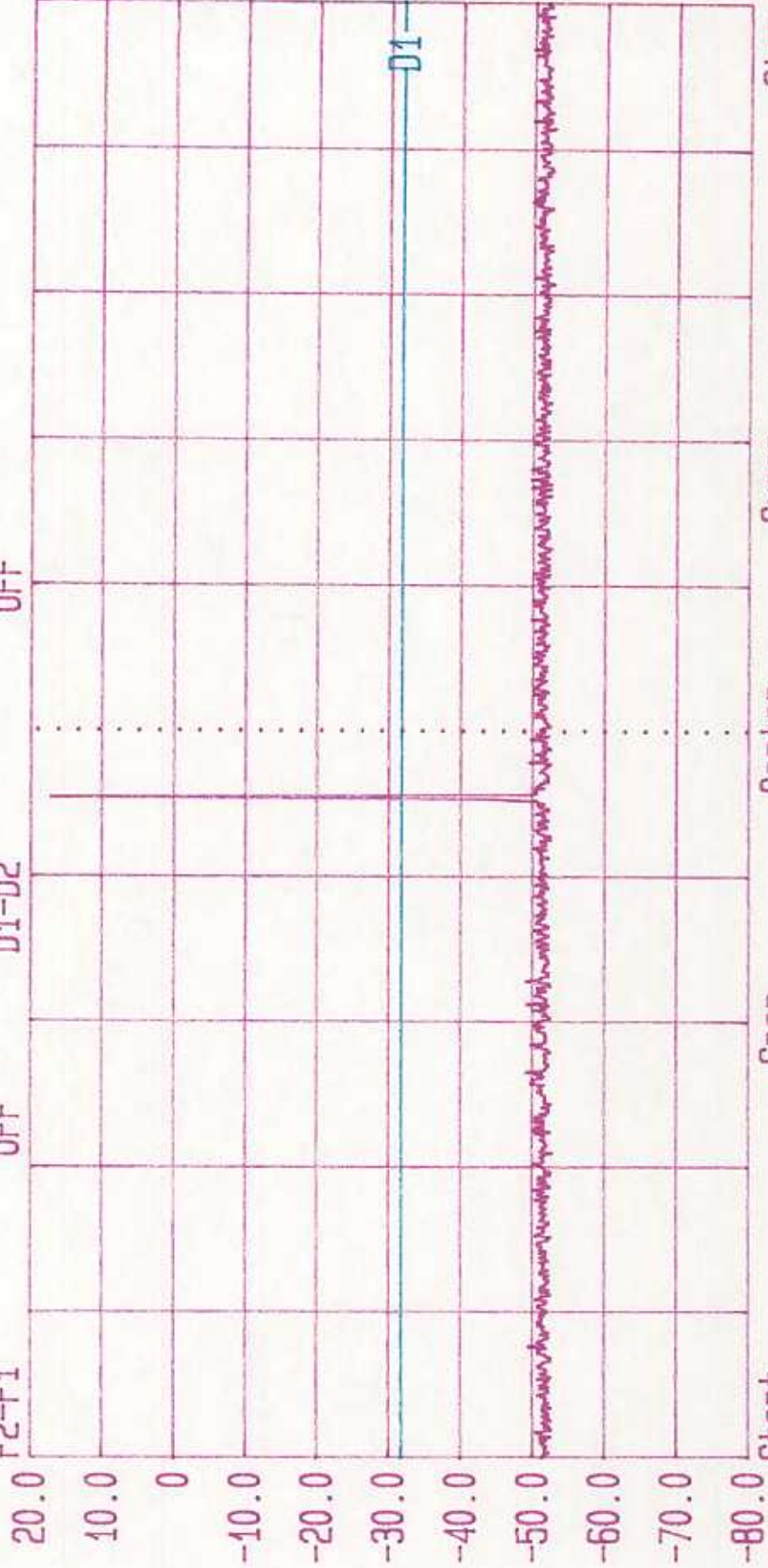
TG.Lvl
off

CF.Stp
97.000 MHz

Vid.Bw
300 kHz

RF.Att
30 dB

[dBm]



Start
30 MHz

Span
970 MHz

Center
515 MHz

Sweep
220 ms

Stop
1 GHz

03-0102 Antenna Conducted Spurious Emissions: Emission Mask D - High Channel



Date 12.Jan.'87 Time 23:28:09

Ref.Lvl 20.00 dBm

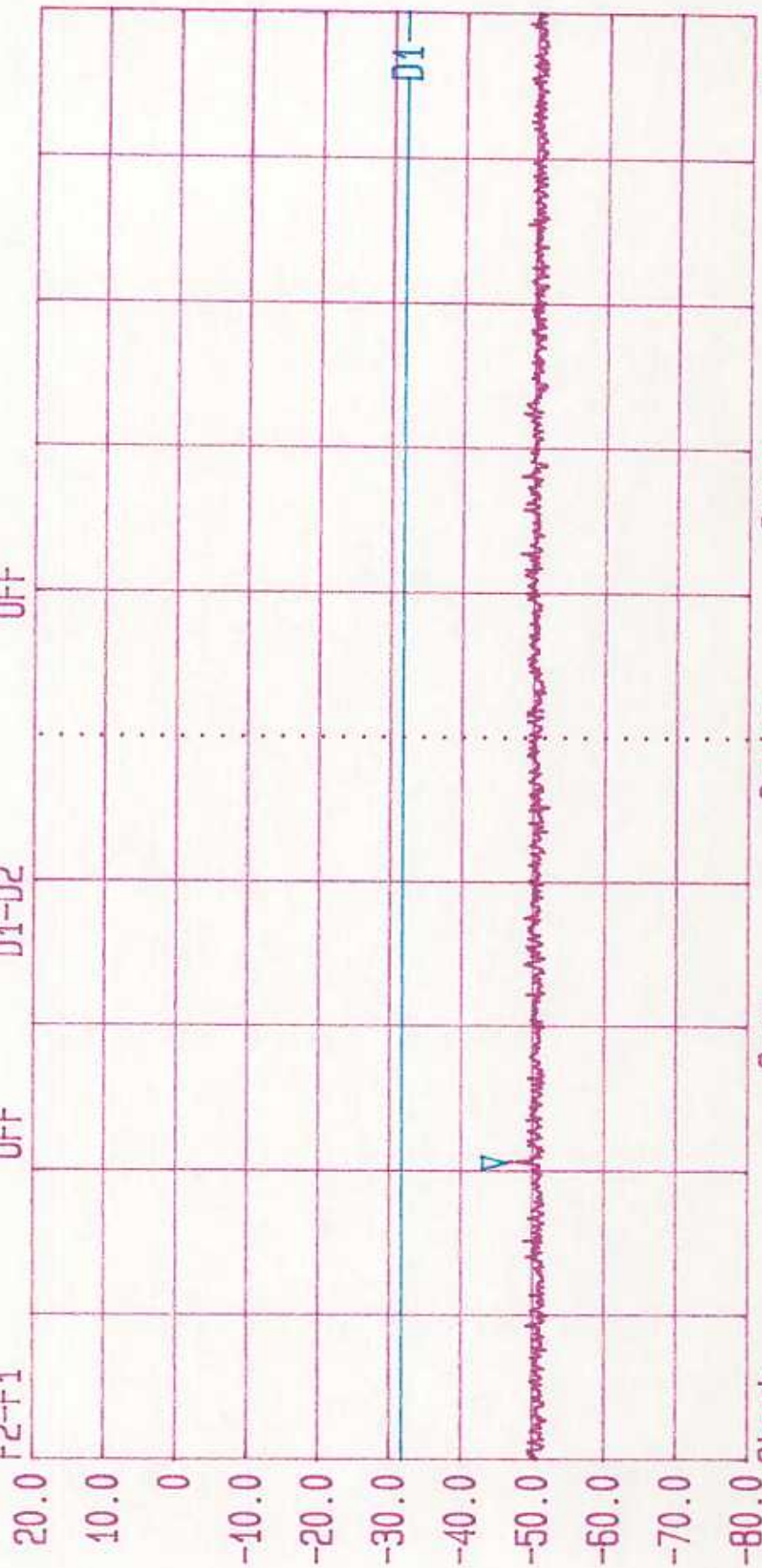
Marker -46.27 dBm
1.4133 GHz

F1 OFF
F2 OFF
F2-F1 OFF

D1
D2
D1-D2

-31.34 dBm
OFF
OFF

Res.Bw 120.1 kHz [3dB]
TG.Lvl off
CF.Stp 200.000 MHz
Vid.Bw 300 kHz
AF.Att 30 dB
Unit [dBm]



Start
1 GHz

Span
2 GHz

Center
2 GHz

Sweep
420 ms

Stop
3 GHz

03-0102 Antenna Conducted Spurious Emissions: Emission Mask D - High Channel



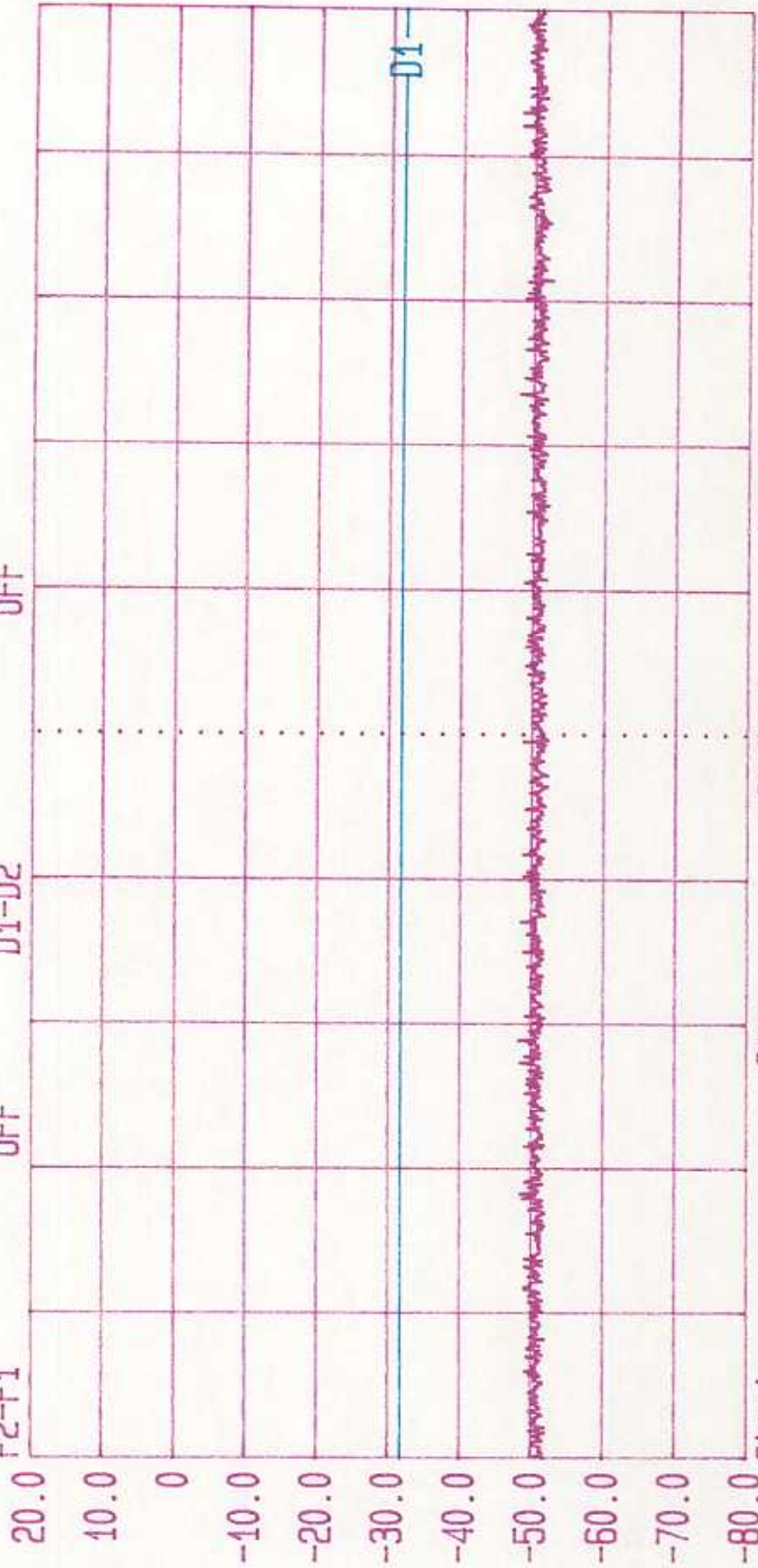
Date 12.Jan.'87 Time 23:33:01

Ref.Lvl
20.00 dBm

Res.Bw 120.1 kHz [3dB]
TG.Lvl off
CF.Stp 170.000 MHz
Vid.Bw 300 kHz
AF.Att 30 dB
Unit [dBm]

F1 OFF D1
F2 OFF D2
F2-F1 OFF D1-D2

-31.34 dBm
OFF
OFF



03-0102 Antenna Conducted Spurious Emissions: Emission Mask D - High Channel