

Type Acceptance Test Report

VHF Data Transmit Module

FCC ID: B2FTALON-V

FCC Rule Part: 90

ACS Report Number: 03-0101-90TA

Manufacturer: Kantronics
Model: Talon UDC

Data Plots



Date 13.Jan.'87 Time 23:38:00

Ref.Lvl
20.00 dBm

Res.Bw 121.6 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

-41.05 dBm
OFF
OFF



3-0101 Antenna Conducted Emissions: Emission Mask D - Low Channel



Date 13. Jan. '87 Time 23:42:12

Ref.Lvl
20.00 dBm

F1
F2
F2-F1

OFF
OFF
OFF

D1
D2
D1-D2

-41.05 dBm
OFF
OFF

Res.Bw 121.6 kHz [3dB]
TG.Lvl off
CF.Stp 100.000 MHz
Vid.Bw 300 kHz
RF.Att 35 dB
Unit [dBm]



3-0101 Antenna Conducted Emissions: Emission Mask D - Low Channel



Date 13. Jan. '87 Time 23:23:43

Ref.Lvl 20.00 dBm

Marker -46.02 dBm

325.3 MHz

Res.Bw 121.6 kHz [3dB]
TG.Lvl off
CF.Stp 97.000 MHz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]

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

-41.96 dBm
OFF
OFF



03-0101 Antenna Conducted Emissions: Emission Mask D - Mid Channel



Date 13.Jan.'87 Time 23:28:04

Ref.Lvl

20.00 dBm

F1

F2

F2-F1

OFF

OFF

OFF

D1

D2

D1-D2

-41.96 dBm

OFF

OFF

Res.Bw

TG.Lvl

CF.Stp

121.6 kHz [3dB]

off

100.000 MHz

Vid.Bw

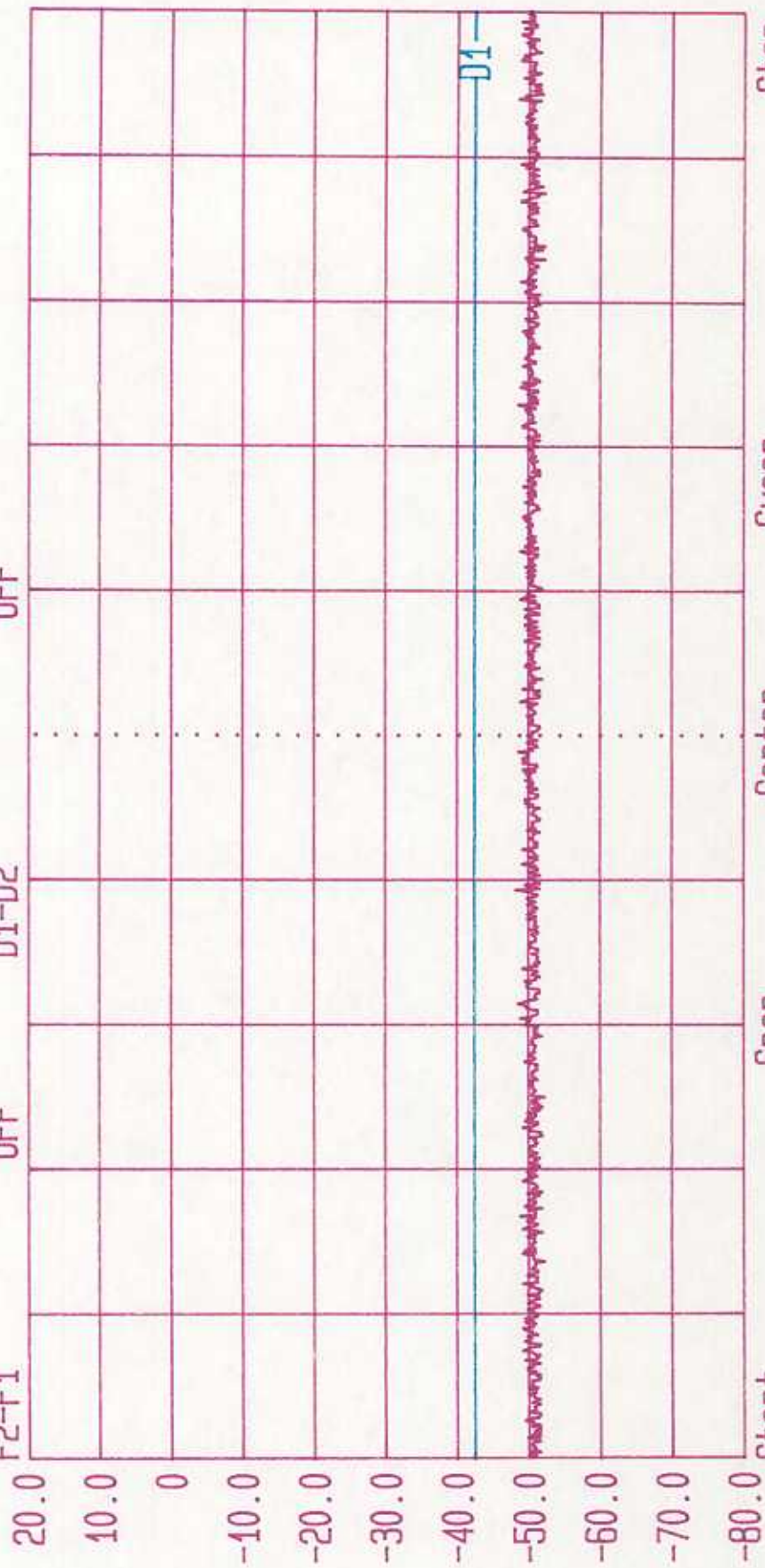
RF.Att

Unit

300 kHz

30 dB

[dBm]



Start

1 GHz

Span

1 GHz

Center

1.5 GHz

Sweep

220 ms

Stop

2 GHz

03-0101 Antenna Conducted Emissions: Emission Mask D - Mid Channel



Date 13.Jan.'87 Time 23:06:10

Ref.Lvl

20.00 dBm

F1

F2

F2-F1

OFF

OFF

OFF

D1

D2

D1-D2

Res.Bw

TG.Lvl

CF.Stp

121.6 kHz [3dB]

off

97.000 MHz

Vid.Bw

RF.Att

Unit

300 kHz

35 dB

[dBm]

-41.10 dBm

OFF

OFF

20.0

10.0

0

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Start

30 MHz

Span

970 MHz

Center

515 MHz

Sweep

200 ms

Stop

1 GHz

03-0101 03-0101 Antenna Conducted Emissions: Emission Mask D - High Channel



Date 13.Jan.'87 Time 23:10:14

Ref.Lvl
20.00 dBm

Res.Bw 121.6 kHz [3dB]
TG.Lvl off
CF.Stp 100.000 MHz
Vid.Bw 300 kHz
RF.Att 35 dB
Unit [dBm]

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

-41.10 dBm
OFF
OFF



Start 1 GHz
Span 1 GHz
Center 1.5 GHz
Sweep 220 ms
Stop 2 GHz

03-0101 03-0101 Antenna Conducted Emissions: Emission Mask D - High Channel