

TABULAR DATA SHEET

RF Power Output

DTC Communications, Inc.

R-4084N

Beacon Transmitter

H25PB5-150

AT-2387

FCC Part 2

Paragraph: 2.1046

Transmitting Carrier Signal only

T. Firkowski

1/23/03

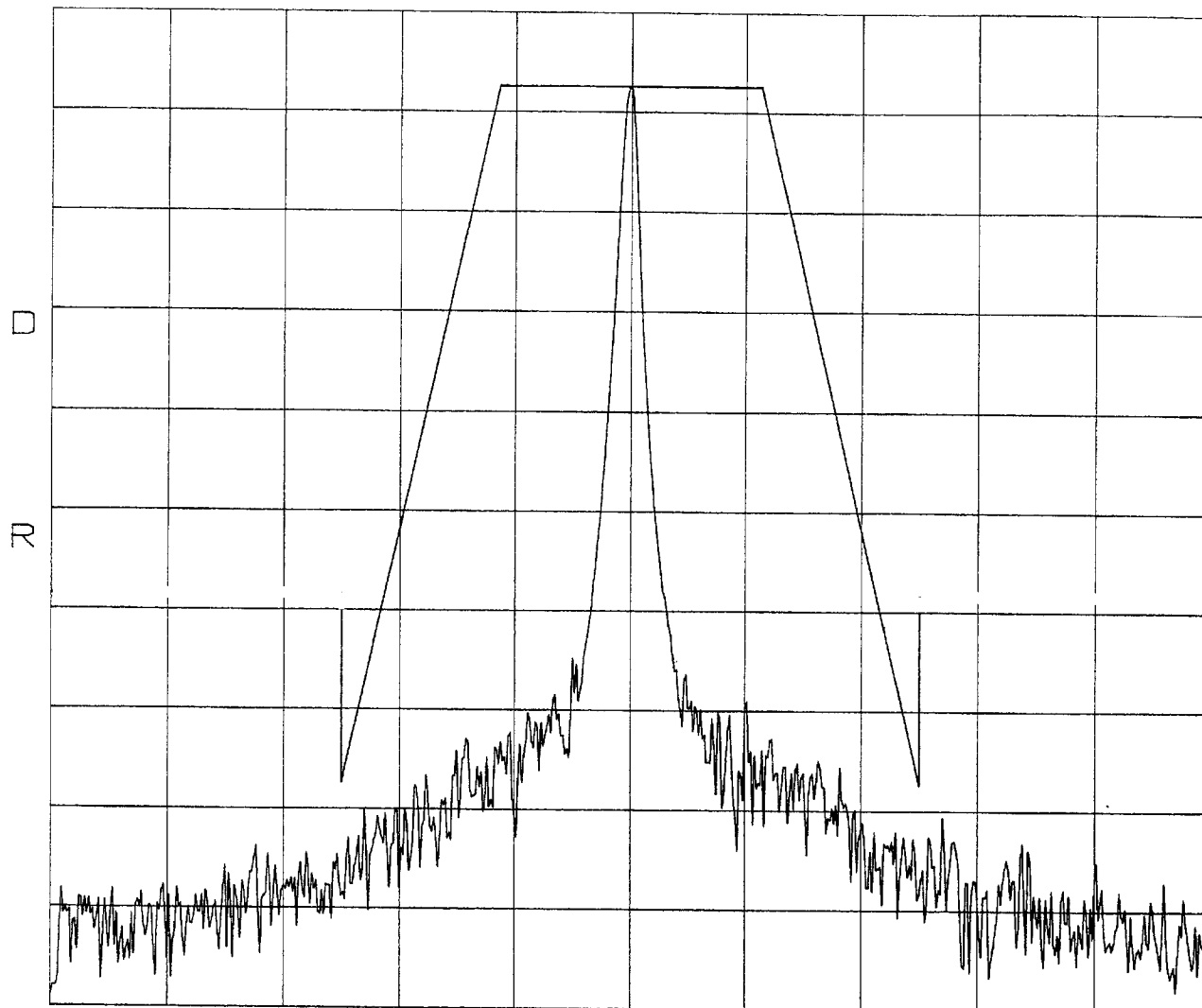
Notes:

[illegible]

ATTEN 30dB

RL 40.0dBm

10dB/



CENTER 162.00017MHz

SPAN 50.00kHz

RBW 300Hz

*VBW 1.0kHz

SWP 1.40sec

Customer:
Test Sample:
Model No:
Test Method:
Notes:

DTC Communications, Inc.
Beacon Transmitter
H25PB5-150
Occupied Bandwidth, FCC Part 2, para 2.1049/90.210 (d)
Tracking Mode

Date: 1/24/03

Tech: T. Firkowski

Sheet 1 of 2



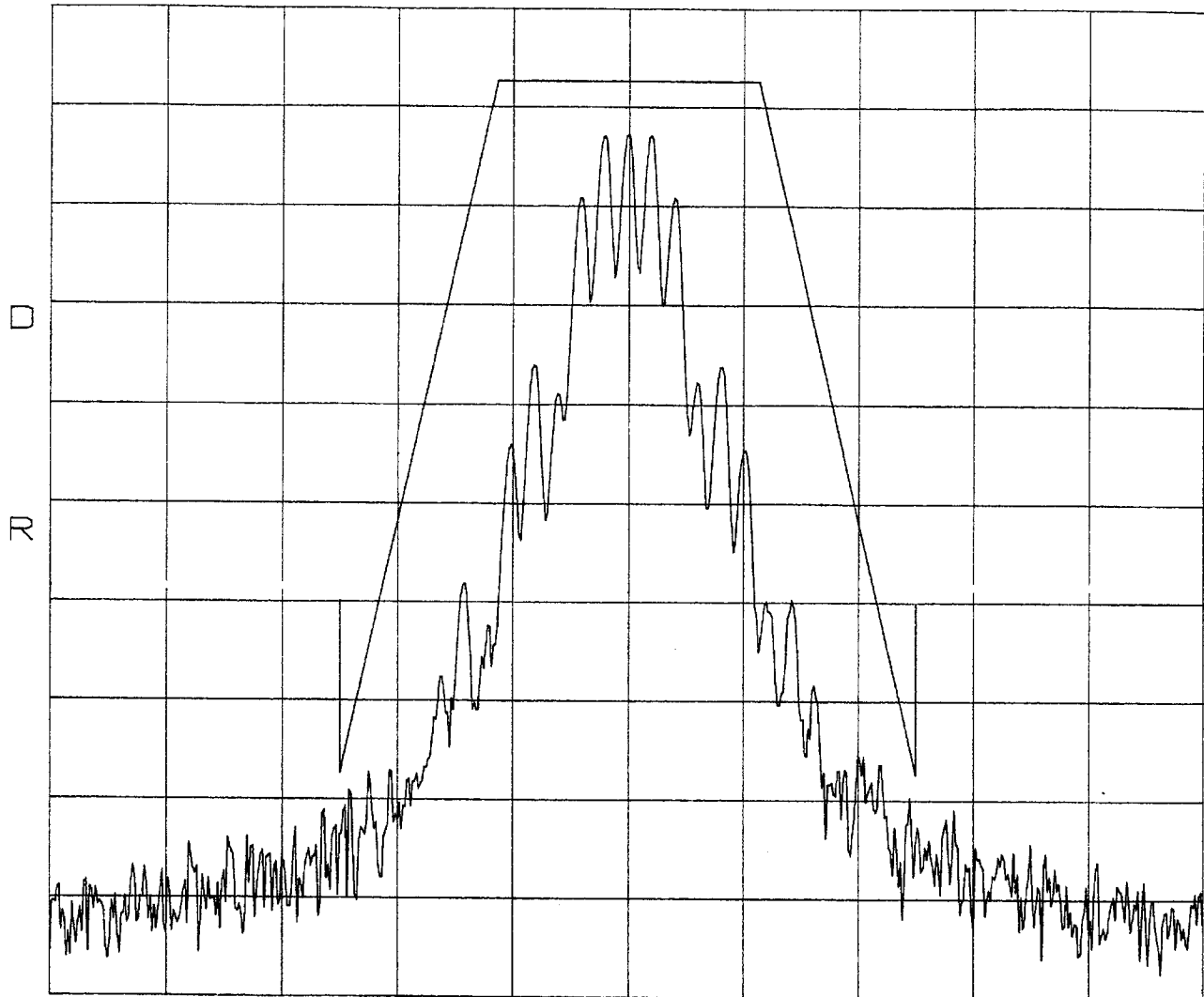
Retlif Testing Laboratories

Report No. R-4084N

ATTEN 30dB

RL 40.0dBm

10dB/



CENTER 162.00017MHz

SPAN 50.00kHz

RBW 300Hz

*VBW 1.0kHz

SWP 1.40sec

Customer:
Test Sample:
Model No:
Test Method:
Notes:

DTC Communications, Inc.
Beacon Transmitter
H25PB5-150
Occupied Bandwidth, FCC Part 2, para 2.1049/90.210 (d)
Alarm Mode

Date: 1/24/03

Tech: T. Firkowski

Sheet 2 of 2



Retlif Testing Laboratories

Report No. R-4084N

14:50:42 JAN 23, 2003
hp

REF 7.0 dBm

#AT 0 dB

PEAK

LOG

10

dB/

OFFST

40.0

dB

DL

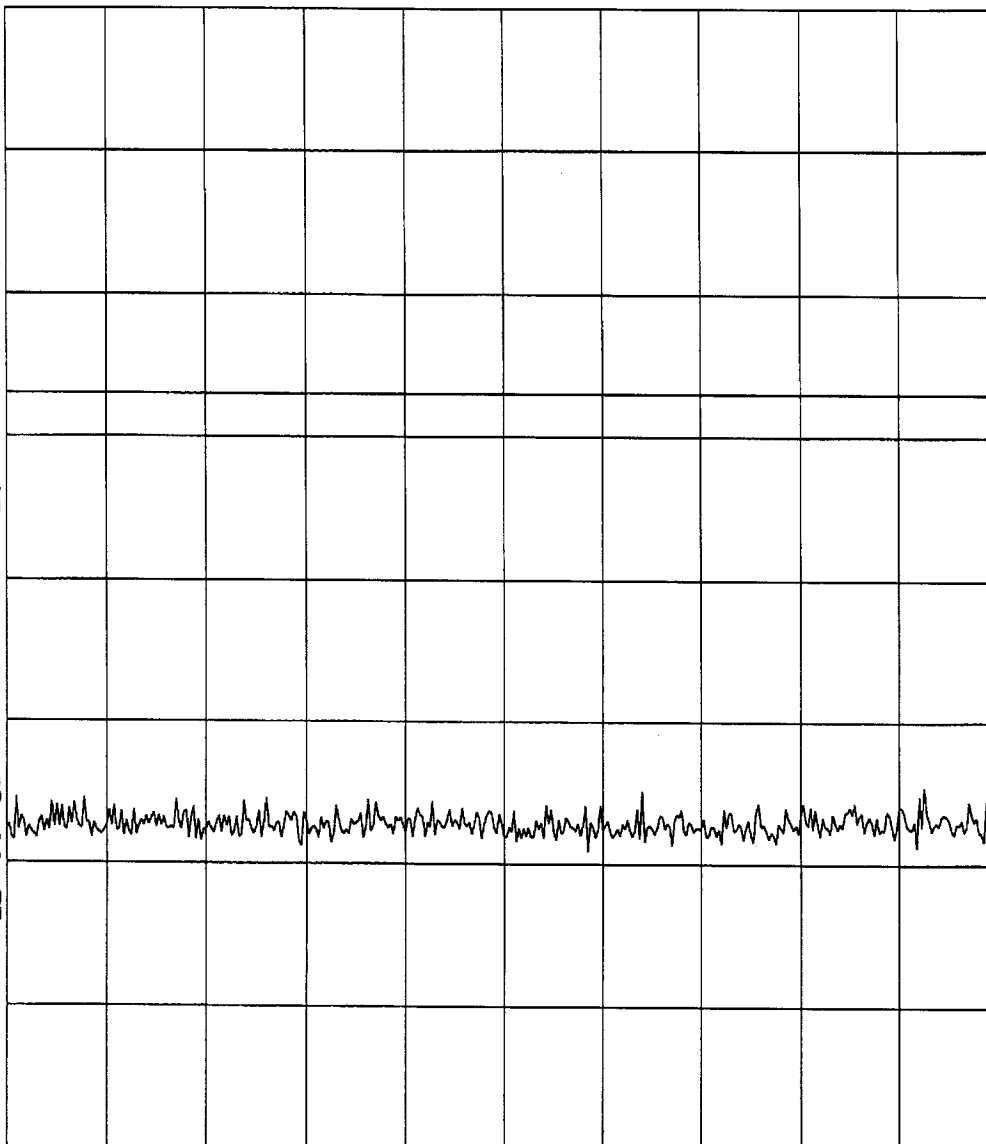
-20.0

dBm

VA SB

SC FC

CORR



START 30.00 MHz

STOP 80.00 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 20.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Alarm Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 1 of 7



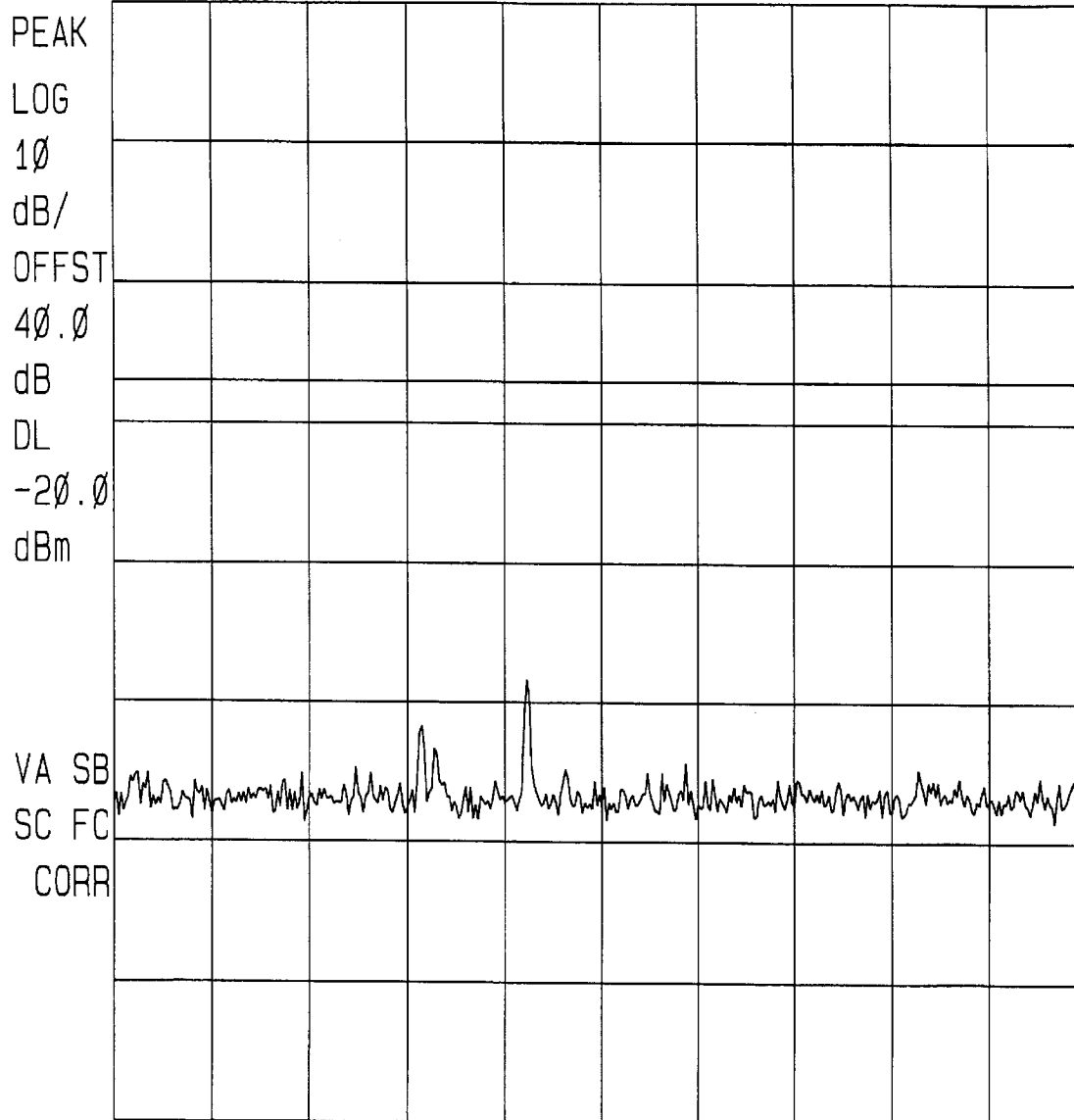
Retlif Testing Laboratories

Report No R-4084N

14:51:06 JAN 23, 2003
hp

REF 7.0 dBm

#AT 0 dB



START 80.00 MHz

STOP 130.00 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 20.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Alarm Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 2 of 7



Retlif Testing Laboratories

Report No R-4084N

14:51:34 JAN 23, 2003
hp

REF 7.0 dBm

#AT 0 dB

*Fundamental 162MHz

PEAK

LOG

10

dB/

OFFST

40.0

dB

DL

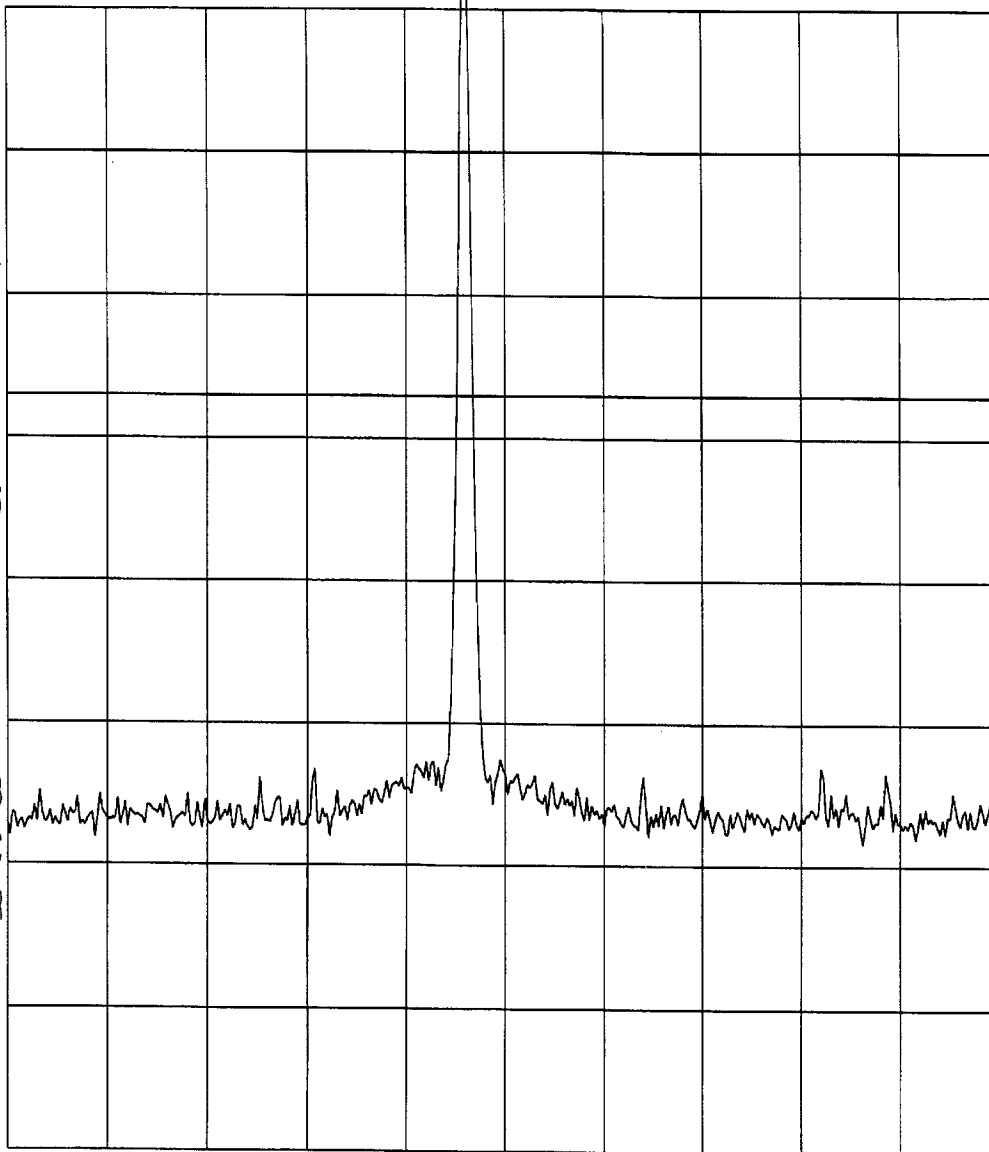
-20.0

dBm

VA SB

SC FC

CORR



START 130.00 MHz

STOP 200.00 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 21.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Alarm Mode

Date 1/23/03

Tech: T. Firkowski

Sheet 3 of 7

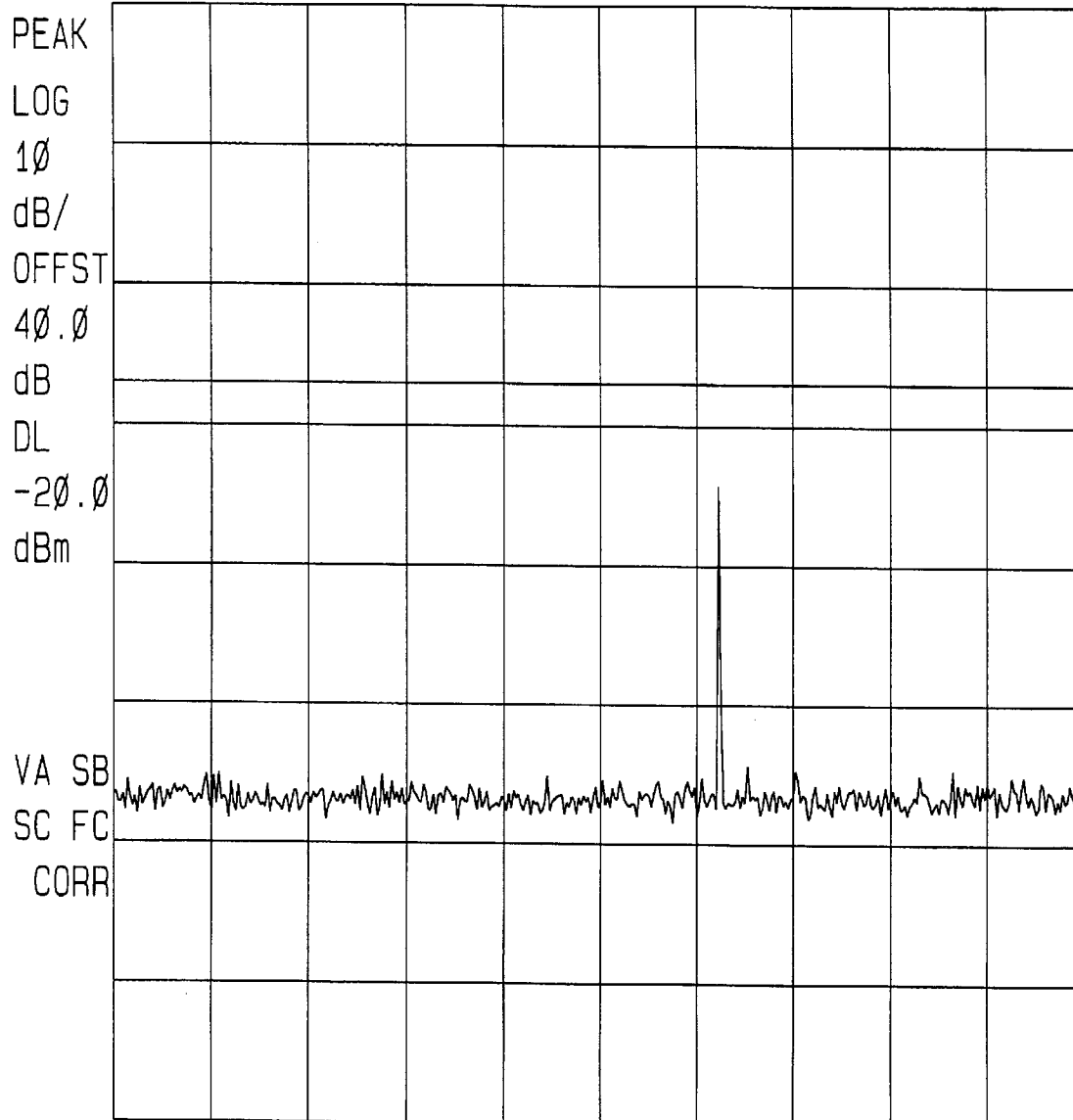


Retlif Testing Laboratories

Report No R-4084N

14:51:50 JAN 23, 2003
h/

REF 7.0 dBm #AT 0 dB



START 200.0 MHz

STOP 400.0 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 60.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Alarm Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 4 of 7

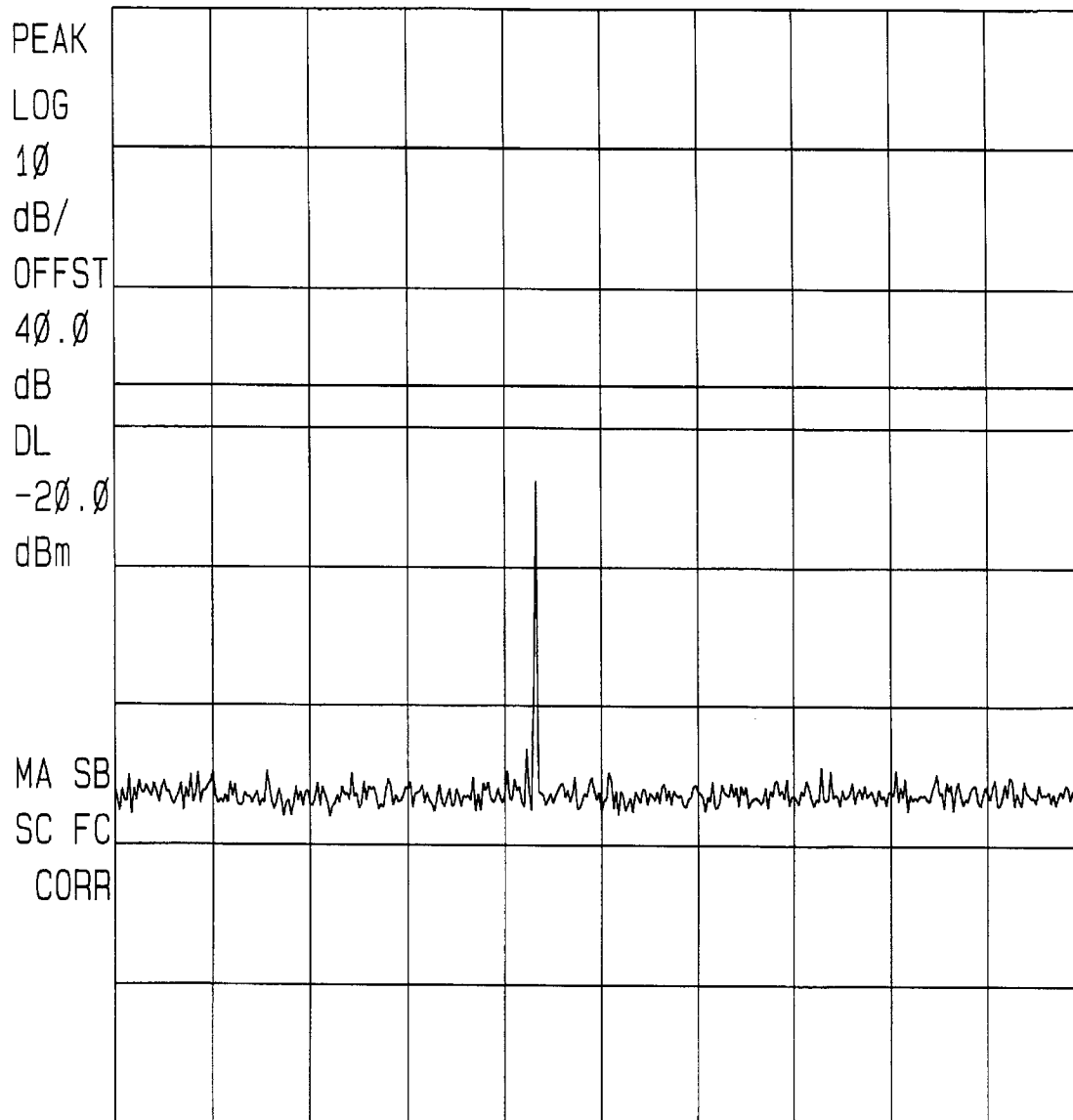


Retlif Testing Laboratories

Report No R-4084N

14:52:06 JAN 23, 2003
hp

REF 7.0 dBm #AT 0 dB



START 400.0 MHz

STOP 600.0 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 60.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Alarm Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 5 of 7

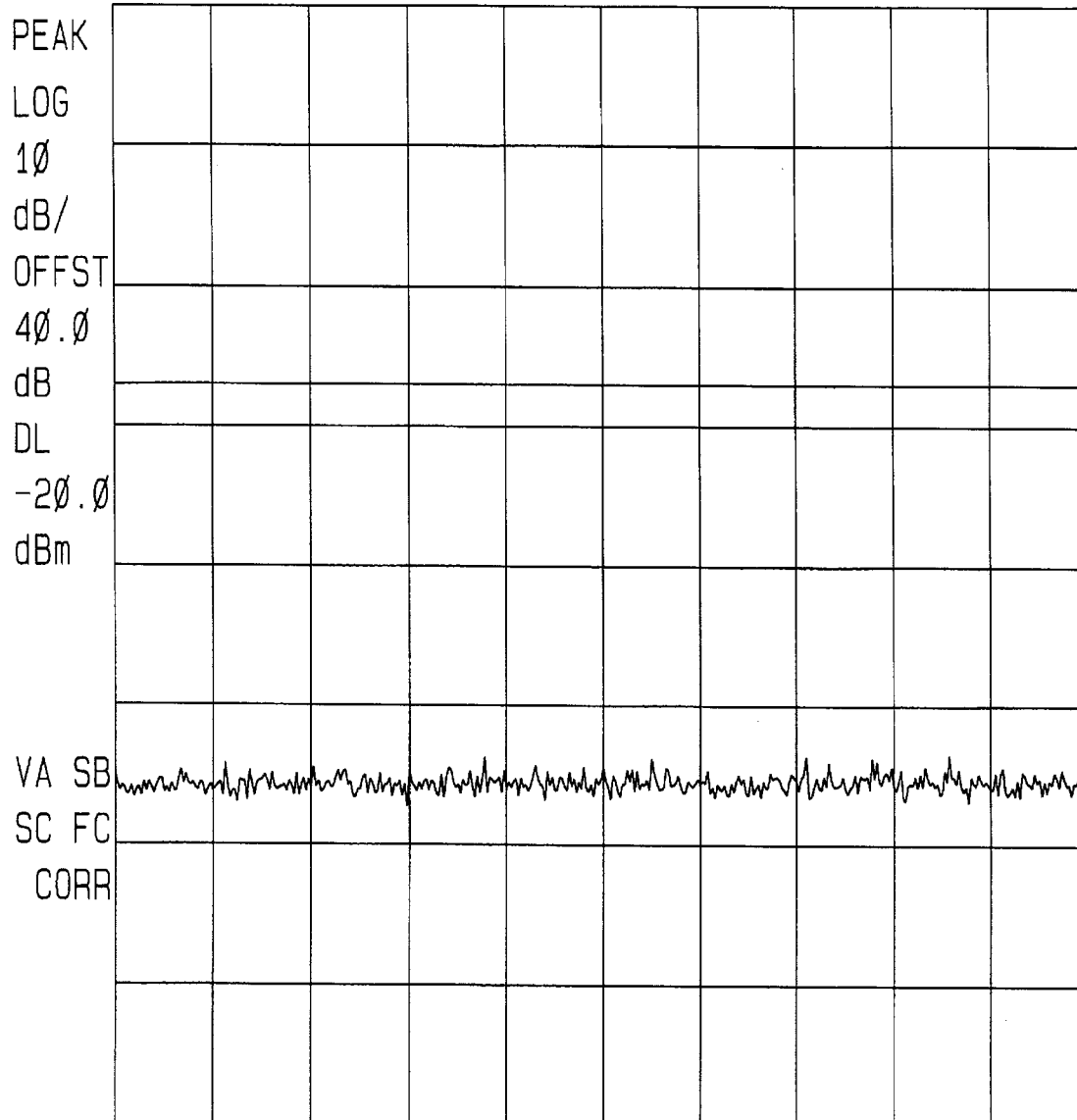


Retlif Testing Laboratories

Report No R-4084N

14:52:24 JAN 23, 2003
hp

REF 7.0 dBm #AT 0 dB



START 600.0 MHz

STOP 1.0000 GHz

#RES BW 100 kHz

VBW 300 kHz

SWP 120 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Alarm Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 6 of 7



Retlif Testing Laboratories

Report No R-4084N

16:20:33 JAN 23, 2003
hp

REF 7.0 dBm

#AT 0 dB

PEAK

LOG

10

dB/

OFFST

40.0

dB

DL

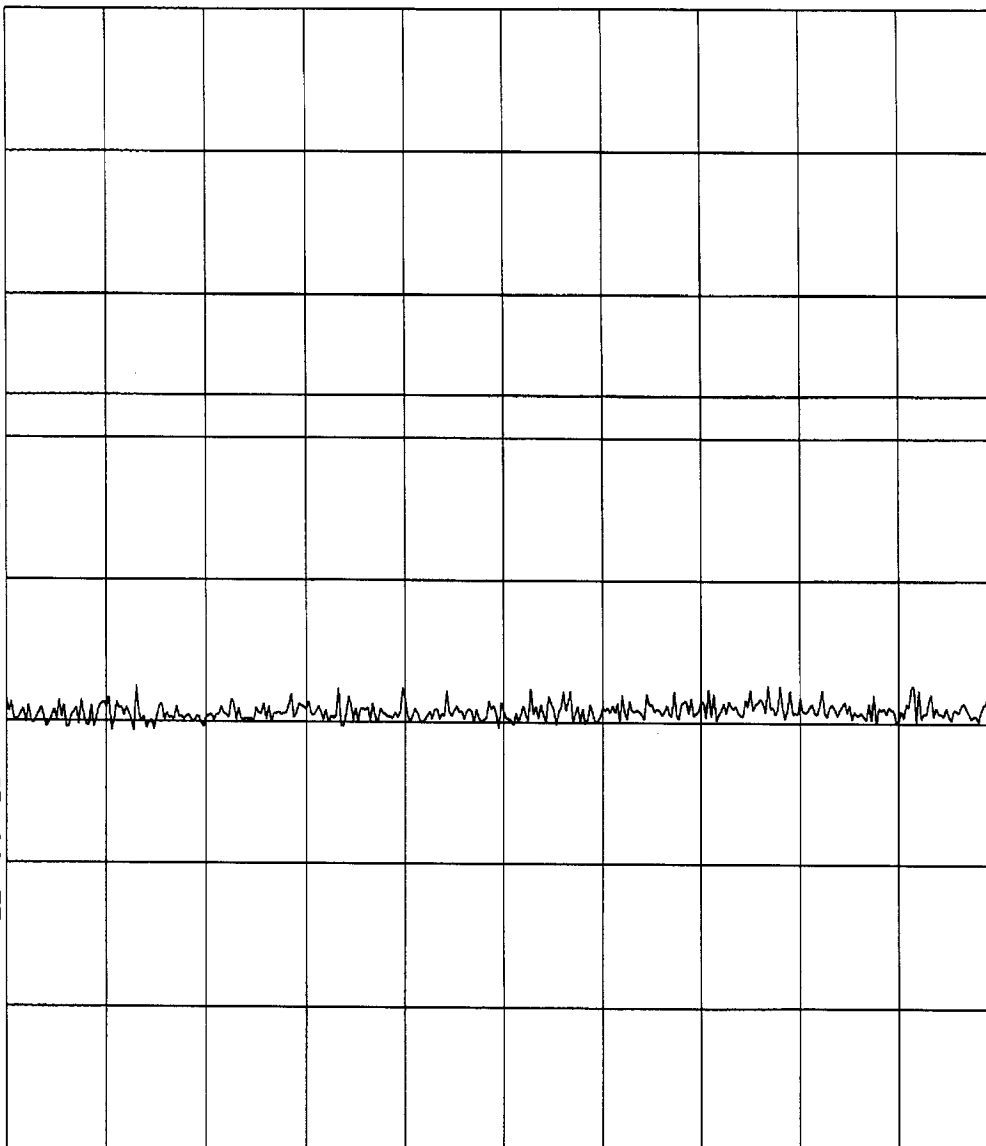
-20.0

dBm

VA SB

SC FC

CORR



START 1.0000 GHz

STOP 1.8000 GHz

#RES BW 1.0 MHz

VBW 3 MHz

SWP 20.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Alarm Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 7 of 7

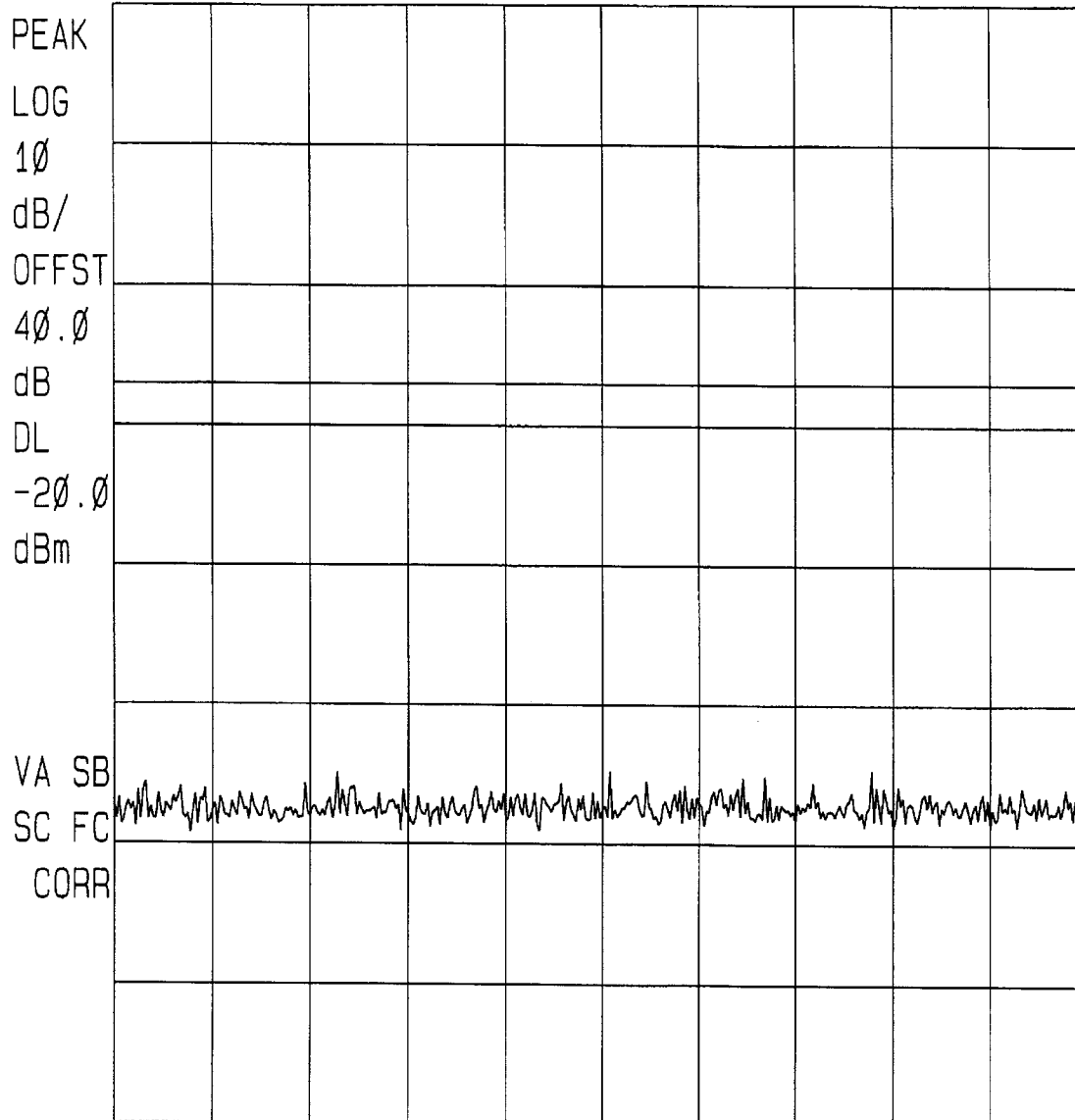


Retlif Testing Laboratories

Report No R-4084N

14:32:51 JAN 23, 2003

REF 7.0 dBm #AT 0 dB



START 30.00 MHz

STOP 80.00 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 20.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Tracking Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 1 of 7



Retlif Testing Laboratories

Report No R-4084N

14: 32: 35 JAN 23, 2003
hp

REF 7.0 dBm

#AT 0 dB

PEAK

LOG

10

dB/

OFFST

40.0

dB

DL

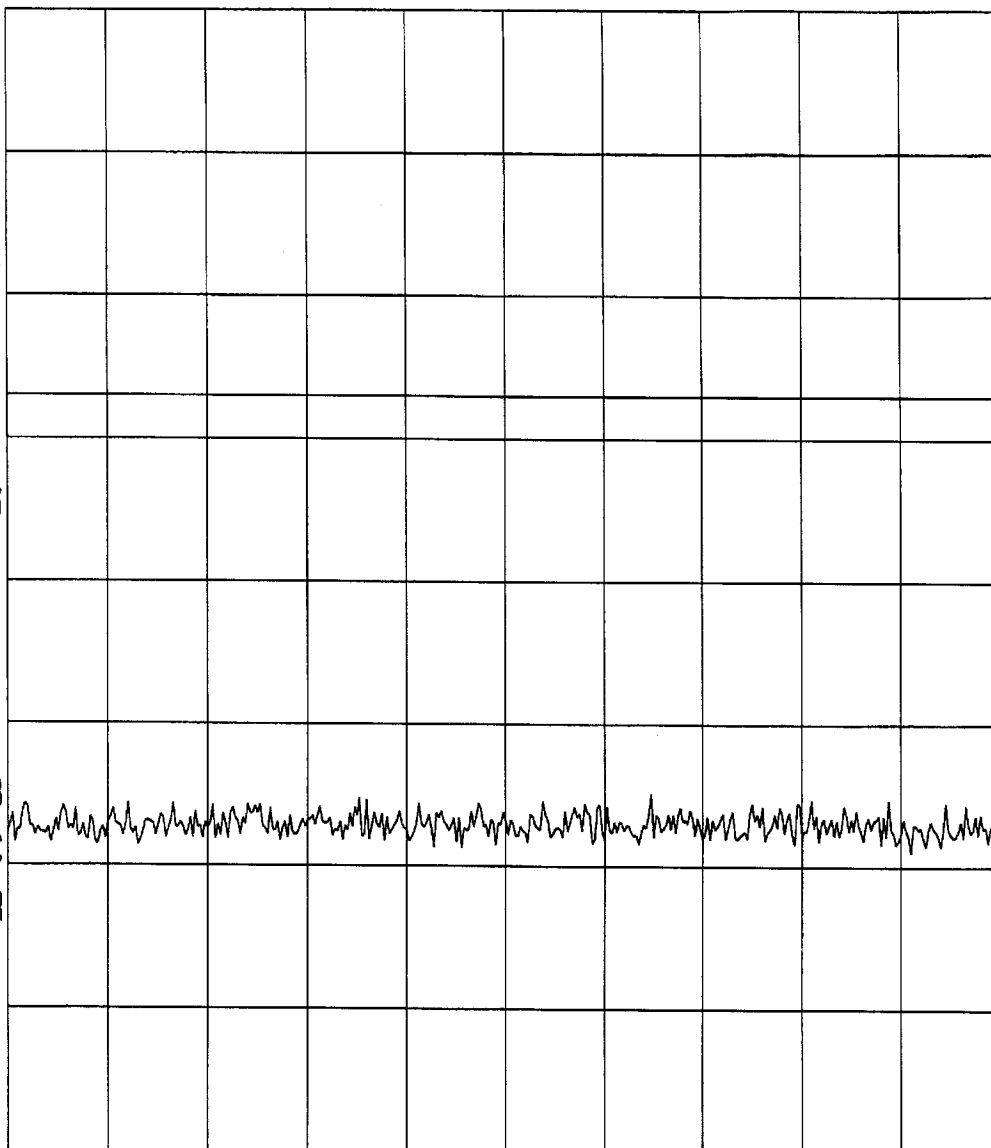
-20.0

dBm

VA SB

SC FC

CORR



START 80.00 MHz

STOP 130.00 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 20.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Tracking Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 2 of 7

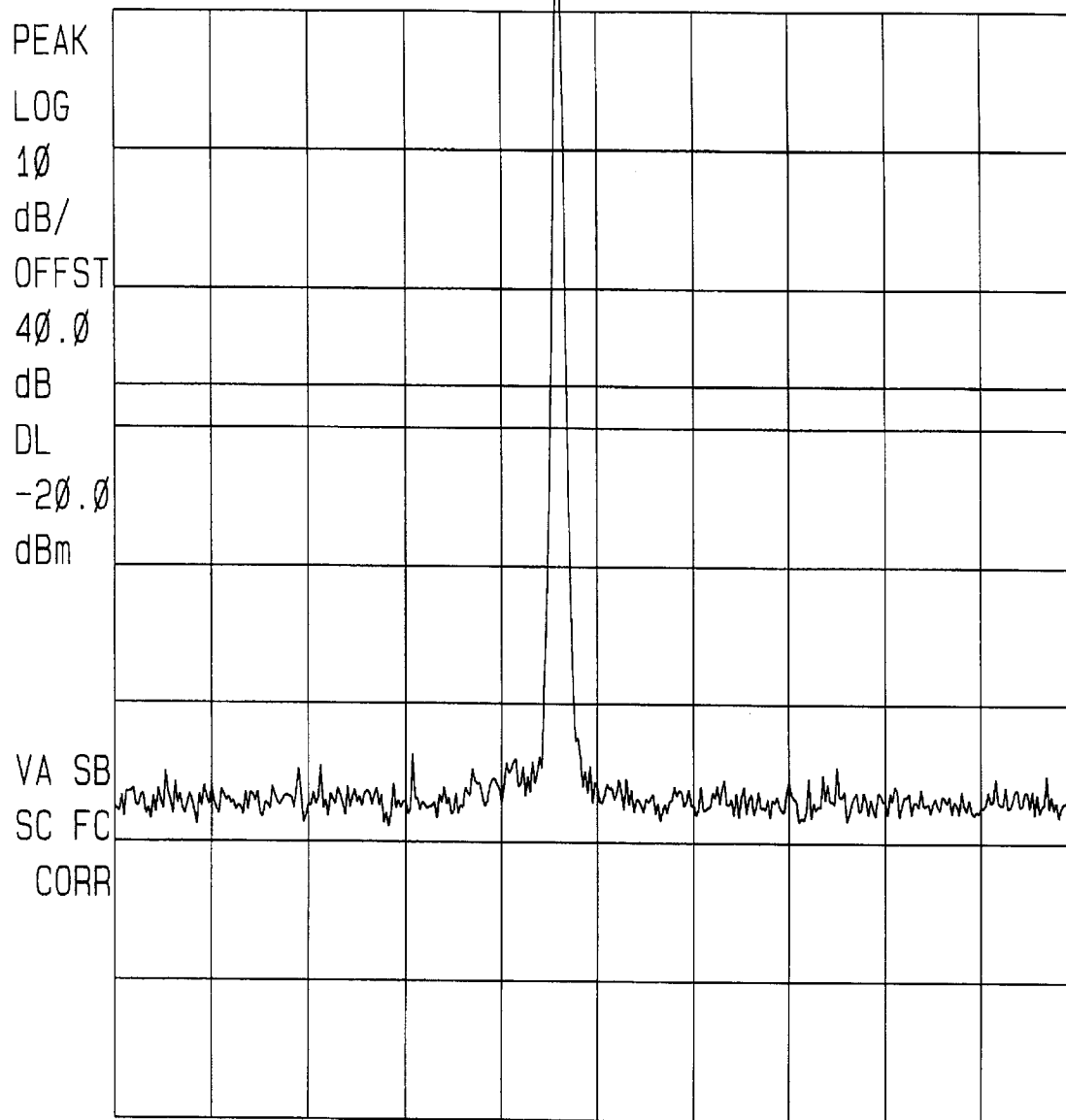


Retliff Testing Laboratories

Report No R-4084N

14:32:09 JAN 23, 2003
hp

REF 7.0 dBm #AT 0 dB *Fundamental 162MHz



START 130.00 MHz

STOP 200.00 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 21.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Tracking Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 3 of 7



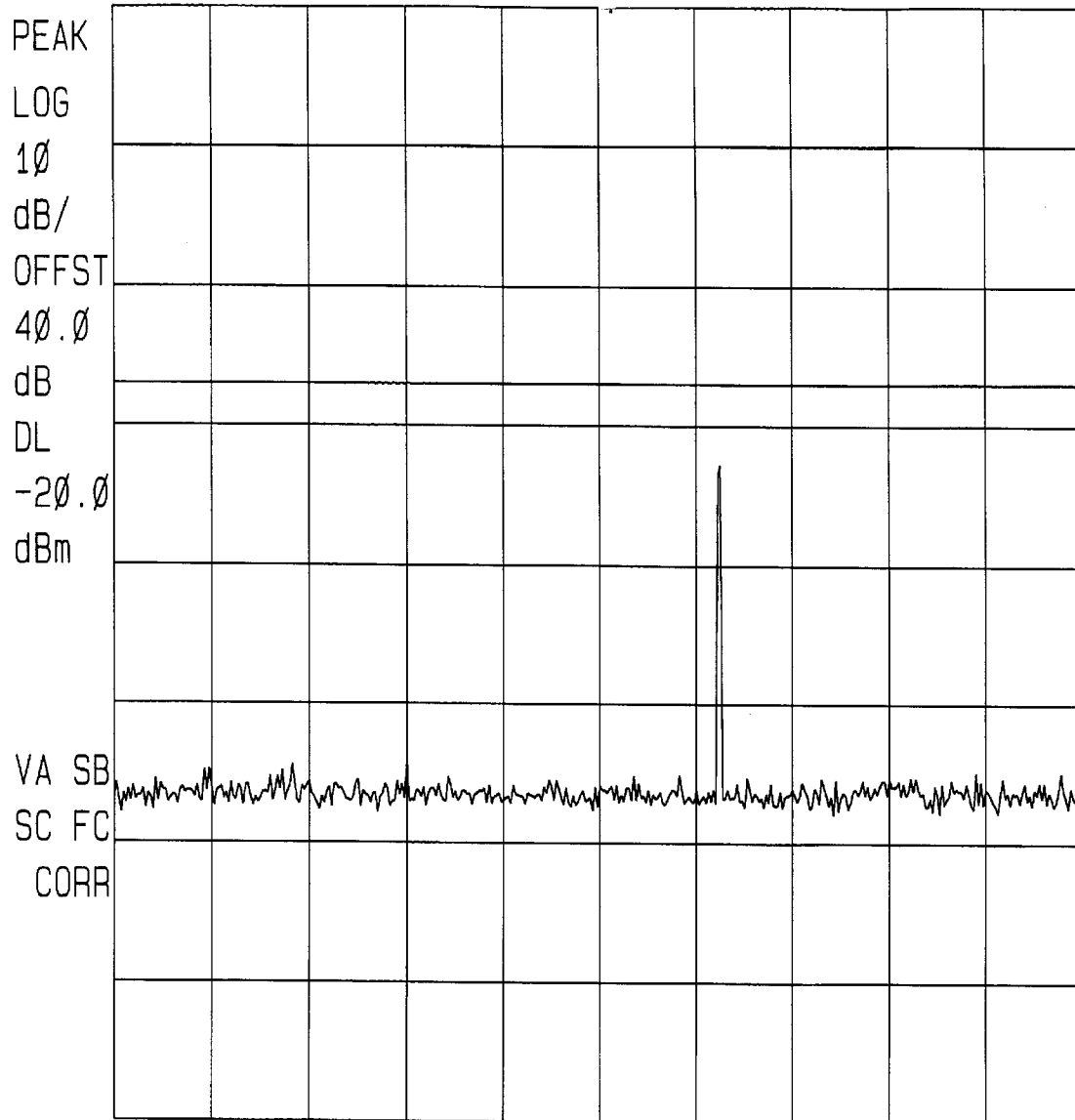
Retlif Testing Laboratories

Report No R-4084N

14:31:50 JAN 23, 2003
hp

REF 7.0 dBm

#AT 0 dB



START 200.0 MHz

STOP 400.0 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 60.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Tracking Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 4 of 7

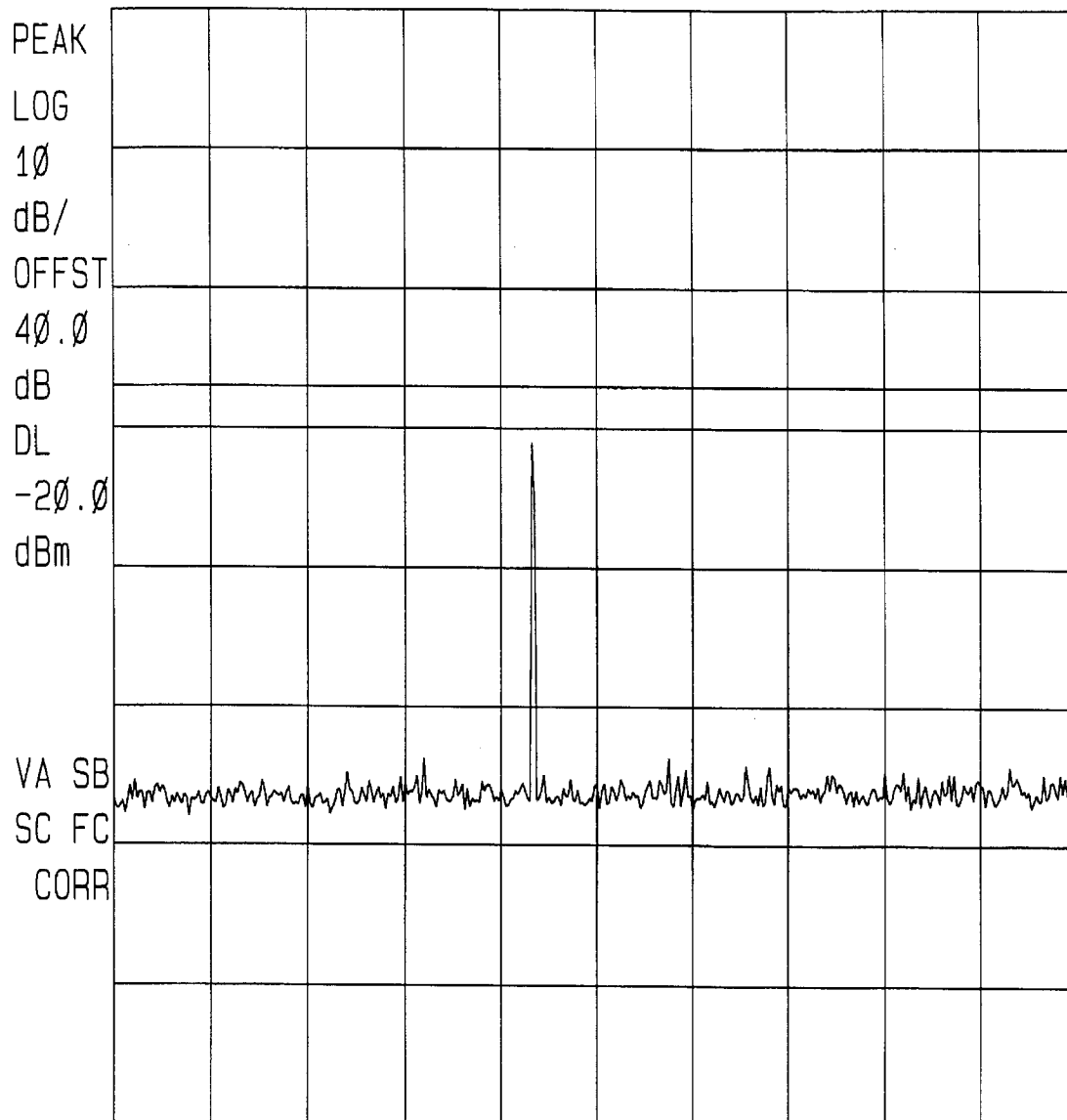


Retliff Testing Laboratories

Report No R-4084N

14:31:31 JAN 23, 2003
hp

REF 7.0 dBm #AT 0 dB



START 400.0 MHz

STOP 600.0 MHz

#RES BW 100 kHz

VBW 300 kHz

SWP 60.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Tracking Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 5 of 7

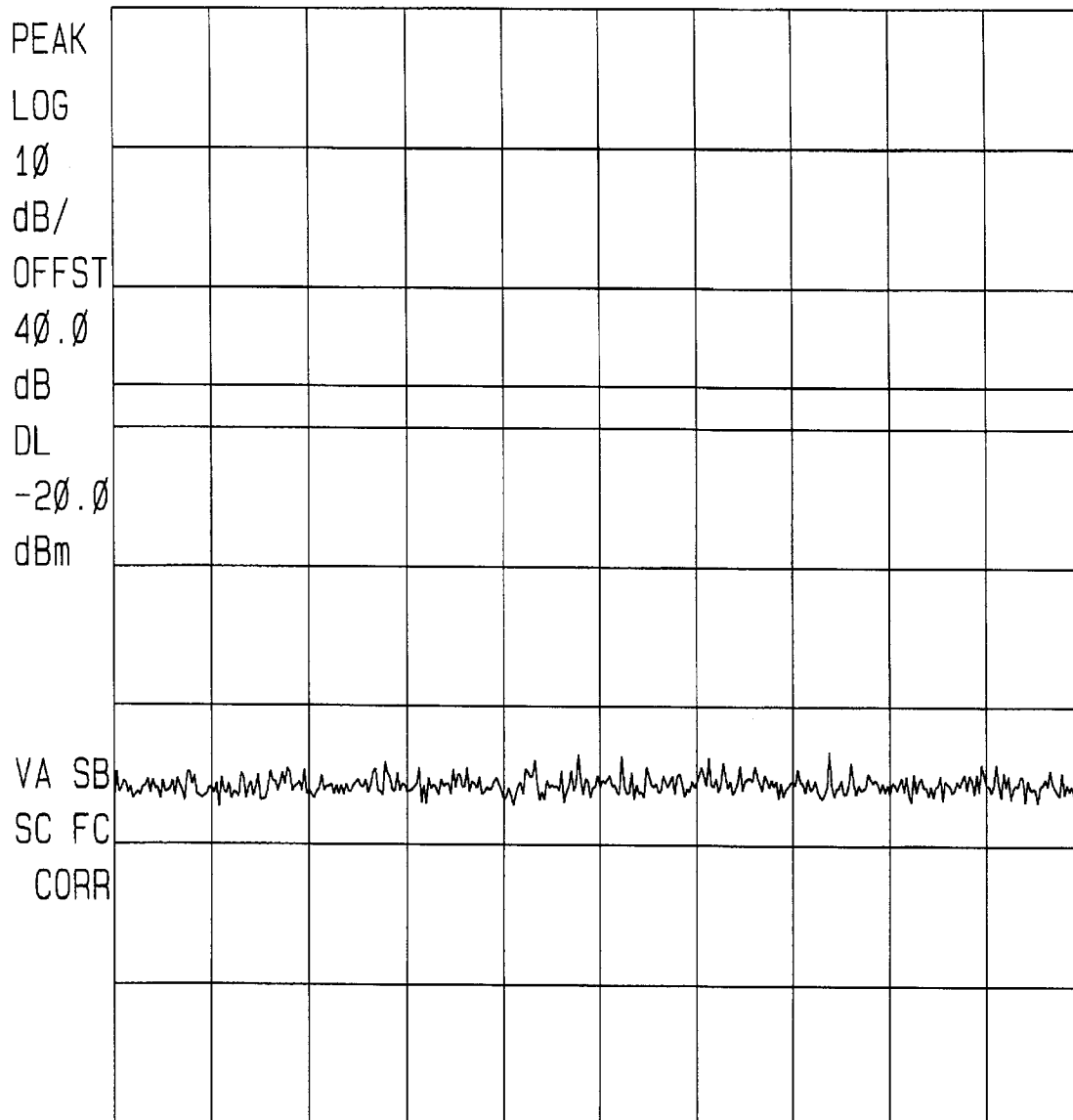


Retlif Testing Laboratories

Report No R-4084N

14:31:06 JAN 23, 2003
hp

REF 7.0 dBm #AT 0 dB



START 600.0 MHz

STOP 1.0000 GHz

#RES BW 100 kHz

VBW 300 kHz

SWP 120 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Tracking Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 6 of 7

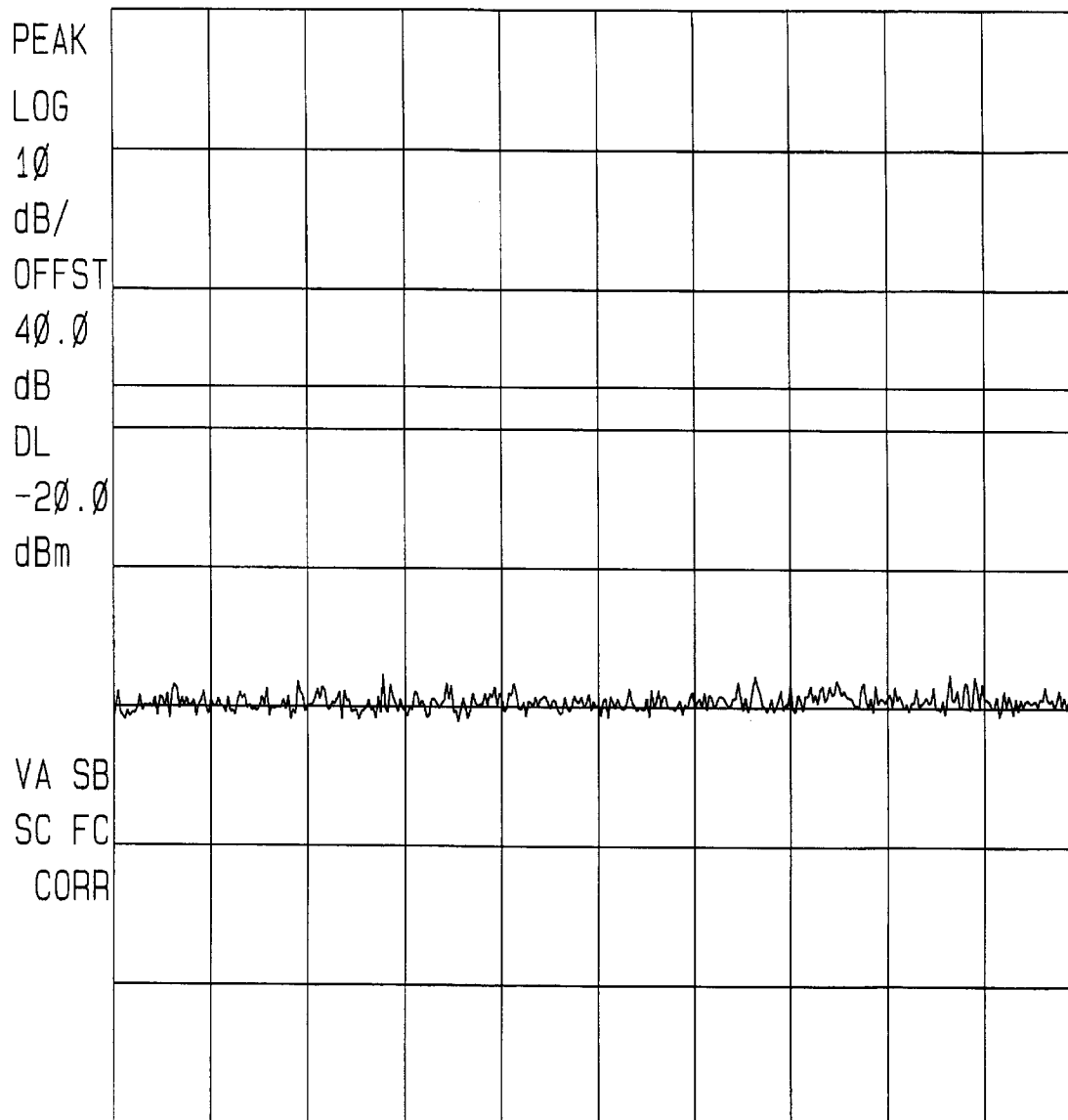


Retlif Testing Laboratories

Report No R-4084N

16:19:03 JAN 23, 2003
hp

REF 7.0 dBm #AT 0 dB



START 1.0000 GHz

STOP 1.8000 GHz

#RES BW 1.0 MHz

VBW 3 MHz

SWP 20.0 msec

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Spurious Emissions @ Antenna Terminals, FCC Part 2, para 2.1051
Notes: Tracking Mode

Date: 1/23/03

Tech: T. Firkowski

Sheet 7 of 7



Retlif Testing Laboratories

Report No R-4084N

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Spurious Radiated Emissions (ERP) 30 MHz to 1.8 GHz

Customer:

DTC Communications, Inc.

Job No:

R-4084N

Test Sample:

Beacon Transmitter

Model No:

H25PB5-150

Serial No:

AT-2387

Test Specification:

FCC Part 2

Paragraph: 2.1053

Operating Mode:

Transmitting Carrier Signal only

Technician:

T. Firkowski

Date:

1/31/03

Notes:

Peak Detector

[illegible]

No emissions observed within 20 dB of the limit.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method: Spurious Radiated Emissions (ERP) 30 MHz to 1.8 GHz

Customer: DTC Communications, Inc.

Job No: R-4084N

Test Sample: Beacon Transmitter

Model No: H25PB5-150

Serial No: AT-2387

Test Specification: FCC Part 2

Paragraph: 2.1053

Operating Mode:	Transmitting in Alarm Mode
-----------------	----------------------------

Technician: T. Firkowski

Date: 1/31/03

Notes:	Peak Detector
--------	---------------

[illegible]

RETLIF TESTING LABORATORIES

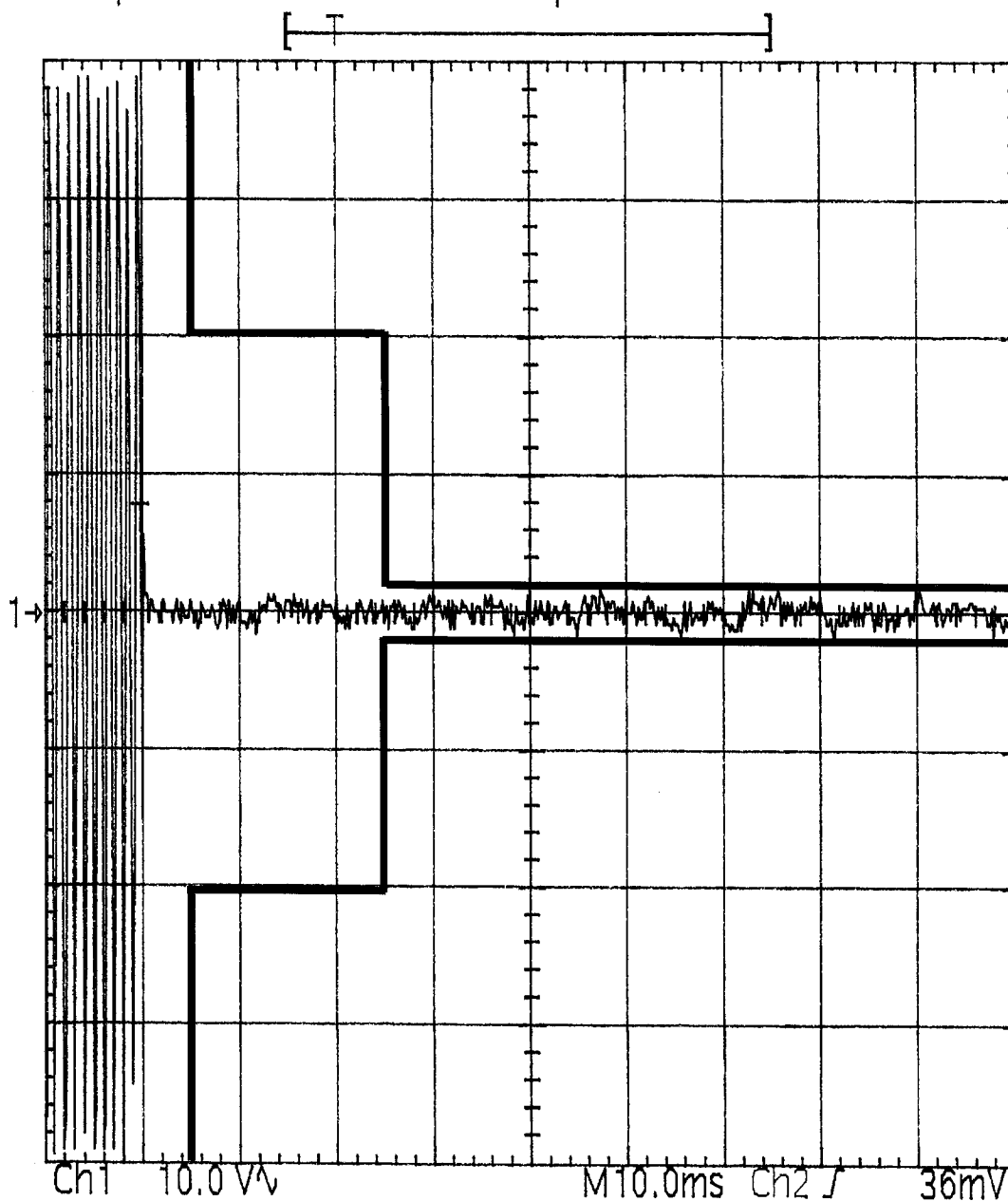
EMISSIONS DATA SHEET

Test Method:	Frequency Stability		
Customer:	DTC Communications, Inc.	Job No:	R-4084N
Test Sample:	Beacon Transmitter		
Model No:	H25PB5-150	Serial No:	AT-2387
Test Specification:	Fcc Part 2 Paragraph: 2.1055		
Operating Mode:	Transmitting Carrier Signal only		
Technician:	T. Firkowski	Date:	1/27/03
Notes:	Nominal Input Voltage: 6 VDC		

[illegible]

Tek Stop: 5.00kS/s

4 Acqs



31 Jan 2003

14:28:56

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Transient Frequency Behavior(On), FCC Part 90.214
Notes:

Date: 1/31/03

Tech: T. Firkowski

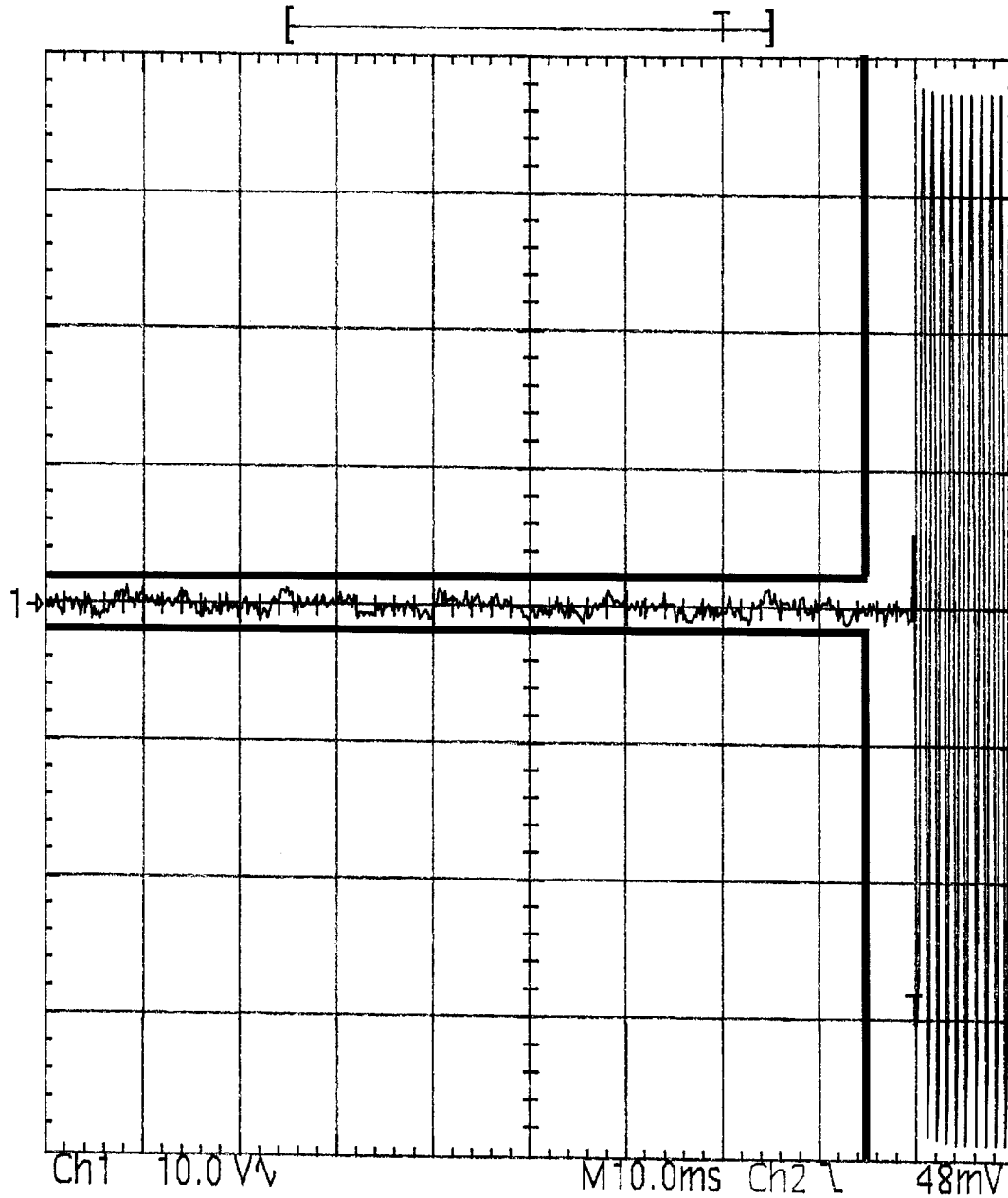
Sheet 1 of 2



Retlif Testing Laboratories

Report No R-4084N

Tek Run: 5.00kS/s Hi Res



31 Jan 2003
15:13:31

Customer: DTC Communications, Inc.
Test Sample: Beacon Transmitter
Model No: H25PB5-150
Test Method: Transient Frequency Behavior(Off), FCC Part 90.214
Notes: Alarm Mode

Date: 1/31/03

Tech: T. Firkowski

Sheet 2 of 2



Retlif Testing Laboratories

Report No R-4084N