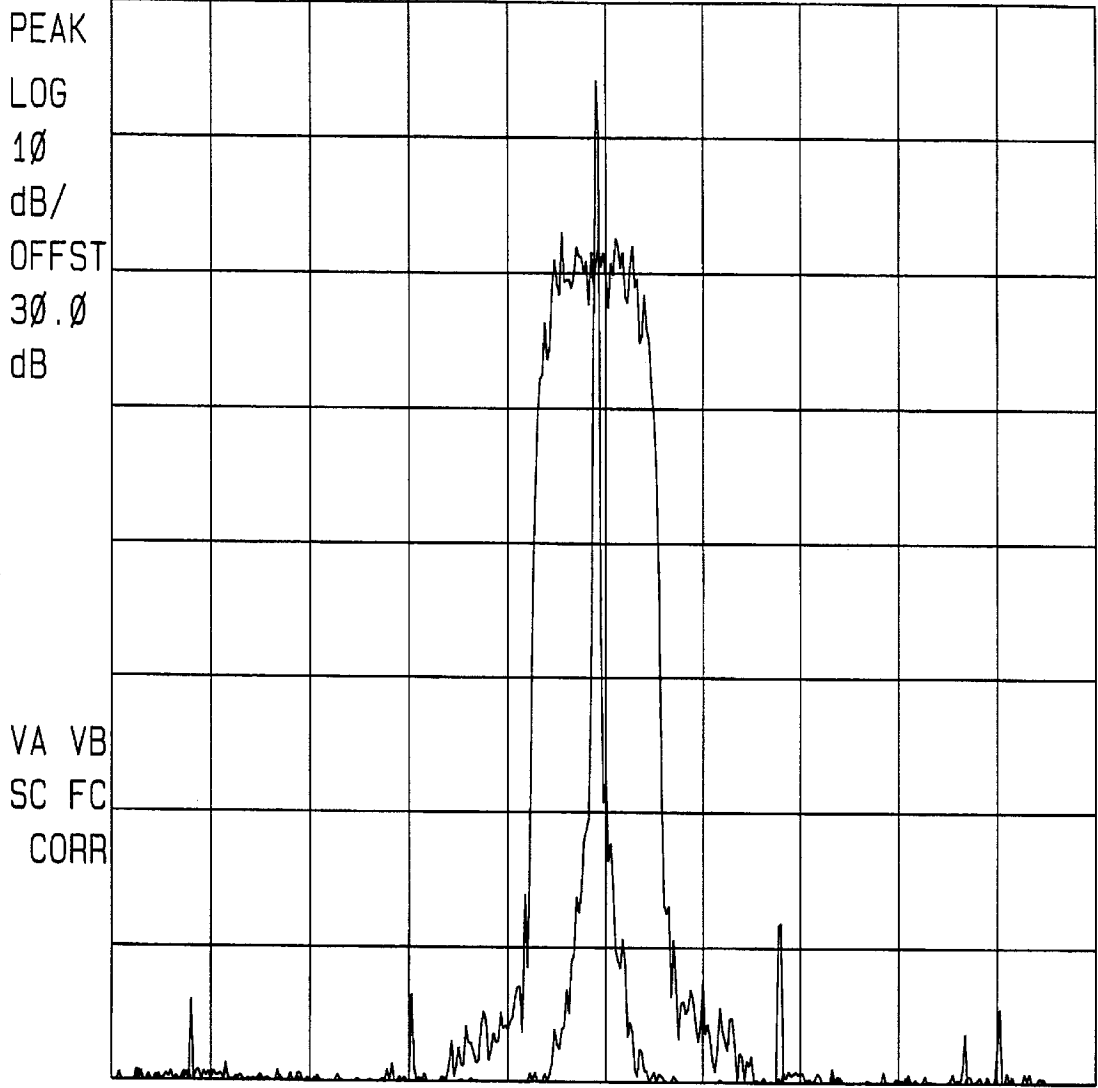


07:42:11 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.9098000 GHz SPAN 250.0 kHz
 #RES BW 300 Hz VBW 300 Hz SWP 8.33 sec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from top edge of uplink band.
 Modulation: TDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 1 of 6

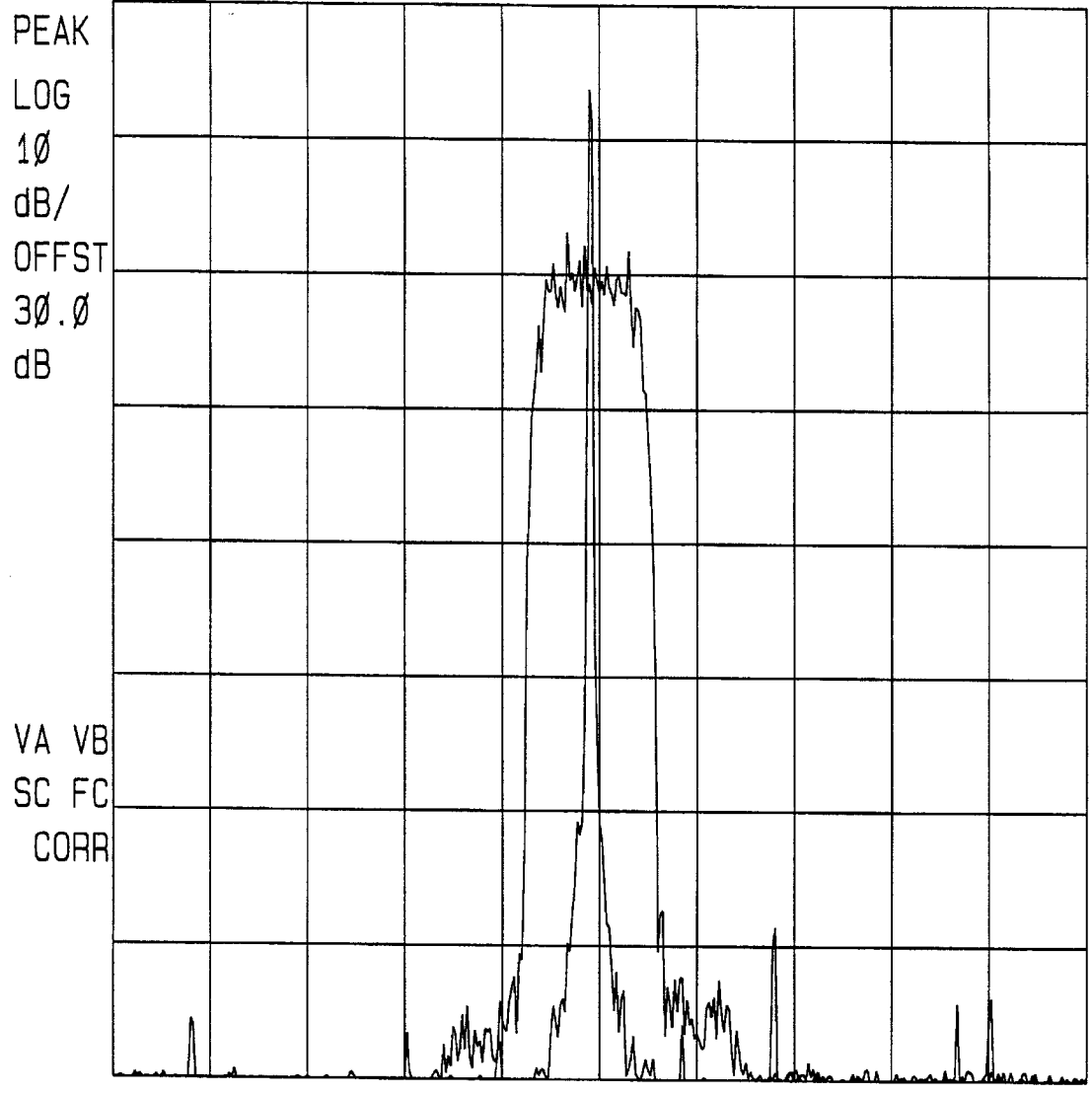


Retlif Testing Laboratories
 Report No. R-4560N-1

TDMA

07:44:08 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.8500300 GHz

SPAN 250.0 kHz

#RES BW 300 Hz

VBW 300 Hz

SWP 8.33 sec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from bottom edge of uplink band.
 Modulation: TDMA

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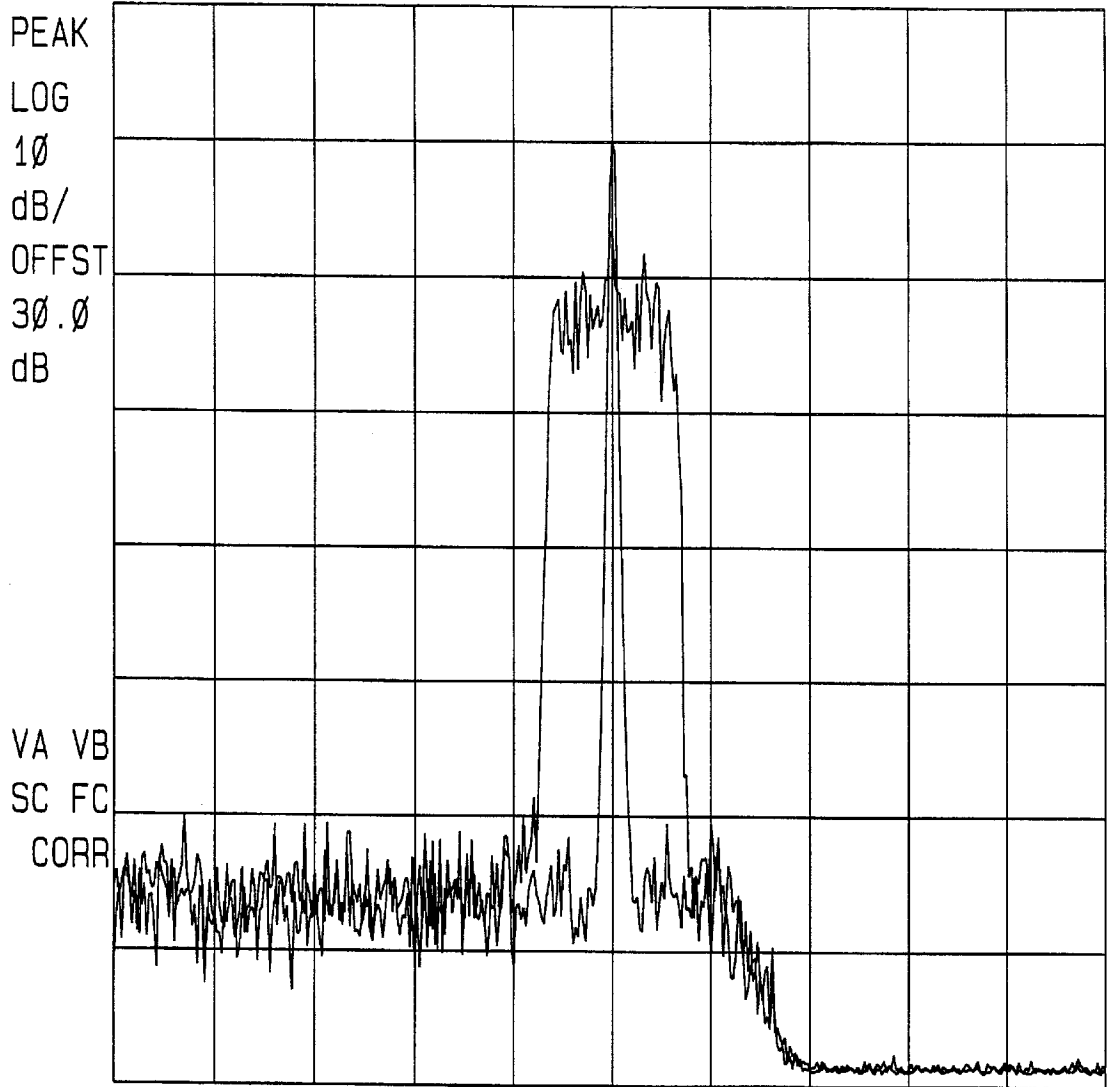
Retlif Testing Laboratories

Report No. R-4560N-1

CDMA

07:49:24 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.90875 GHz SPAN 10.00 MHz
 #RES BW 30 kHz VBW 30 kHz SWP 33.3 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from top edge of uplink band.
 Modulation: CDMA

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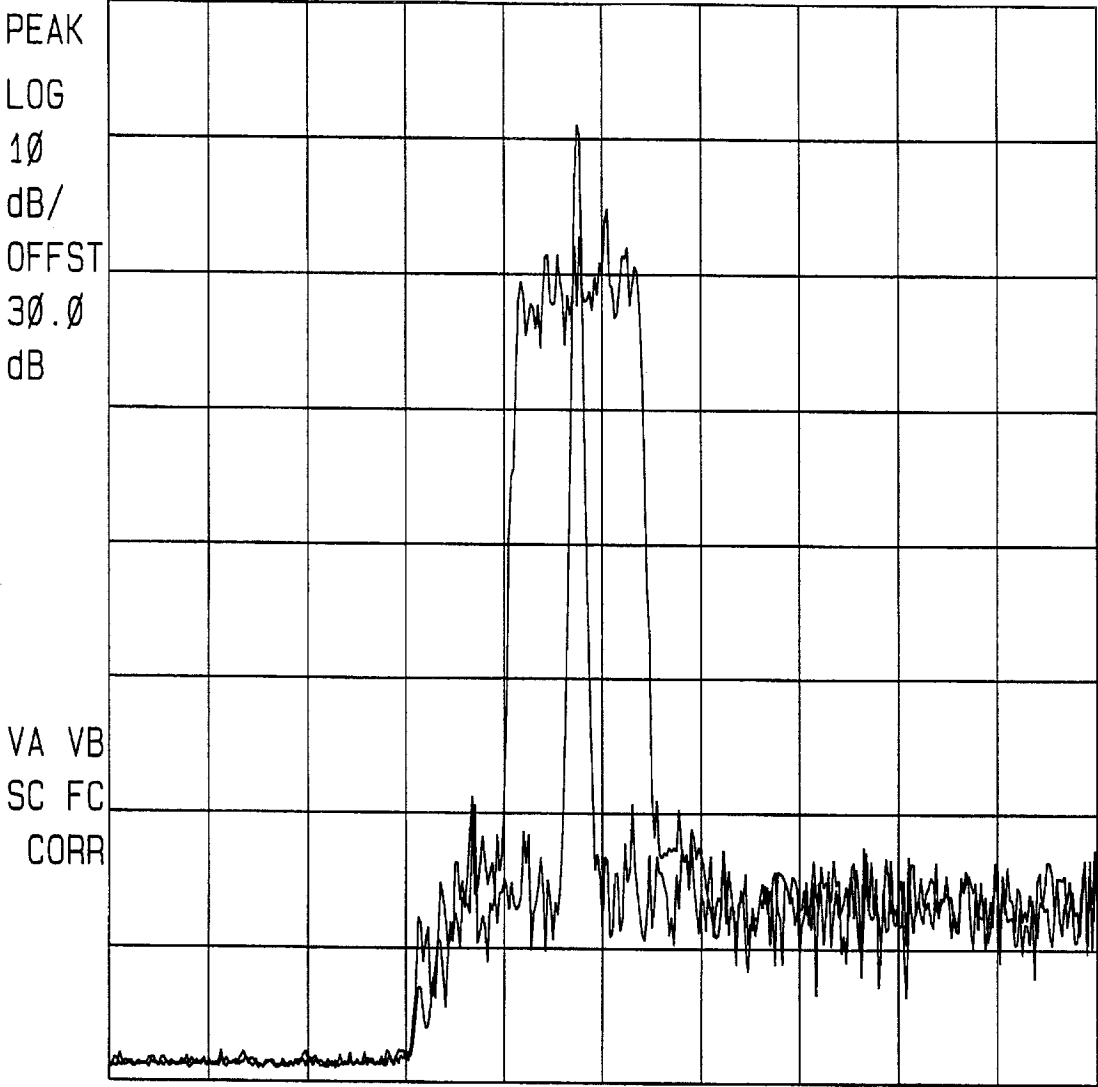
Retlif Testing Laboratories

Report No. R-4560N-1

class

07:48:31 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.85150 GHz SPAN 10.00 MHz
 #RES BW 30 kHz VBW 30 kHz SWP 33.3 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from bottom edge of uplink band.
 Modulation: CDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 4 of 6

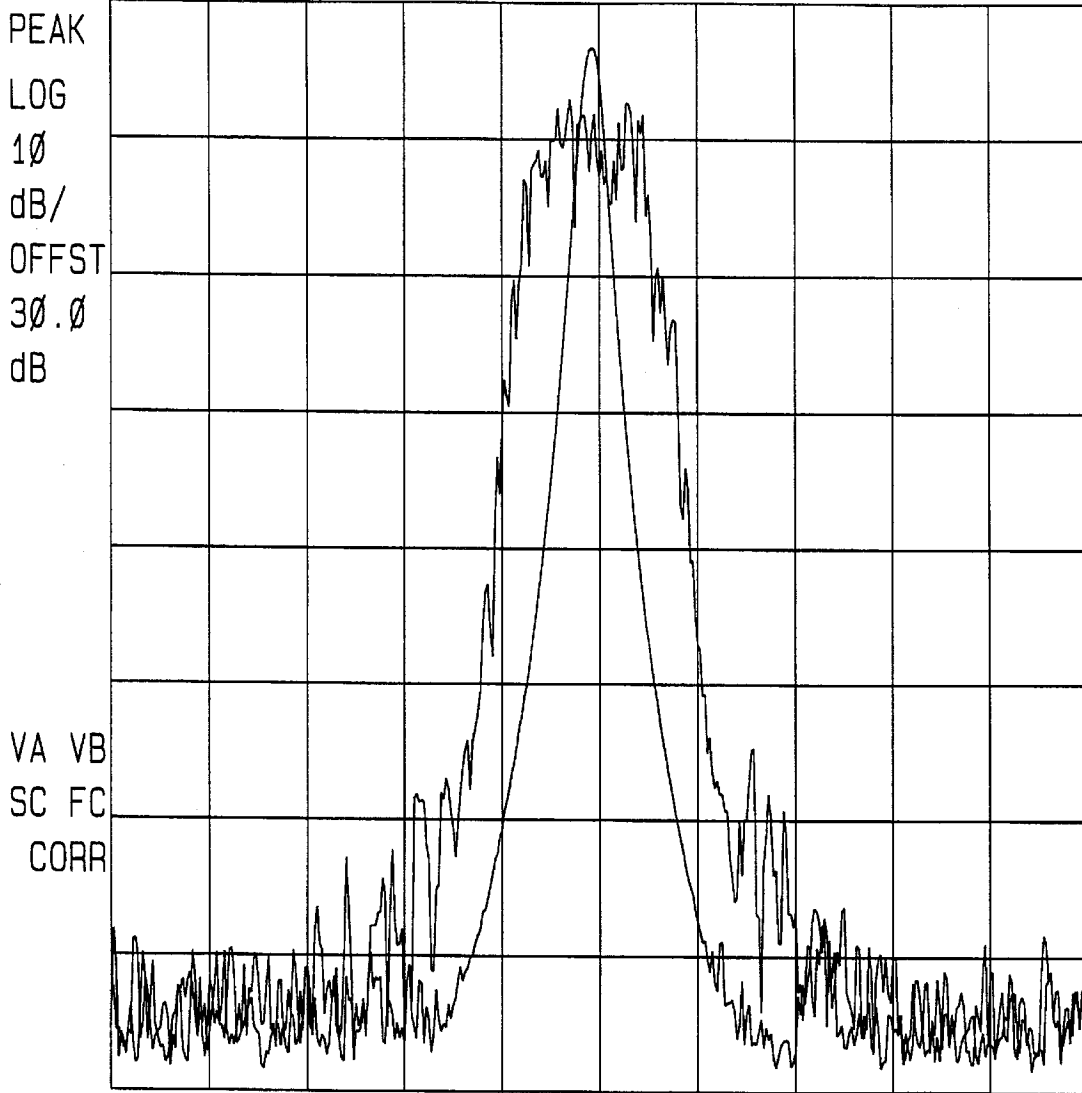


Retlif Testing Laboratories
 Report No. R-4560N-1

090

07:52:25 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.9098000 GHz

SPAN 200.0 kHz

#RES BW 3.0 kHz

VBW 3 kHz

SWP 100 msec

Customer:	Cellular Specialties, Inc.
Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P
Test Method:	Occupied Bandwidth, FCC Part 2, para 2.1049
Notes:	One channel spacing from top edge of uplink band. Modulation: GSM
Date:	04/25/2006
Tech:	T. Hannemann
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Retlif Testing Laboratories

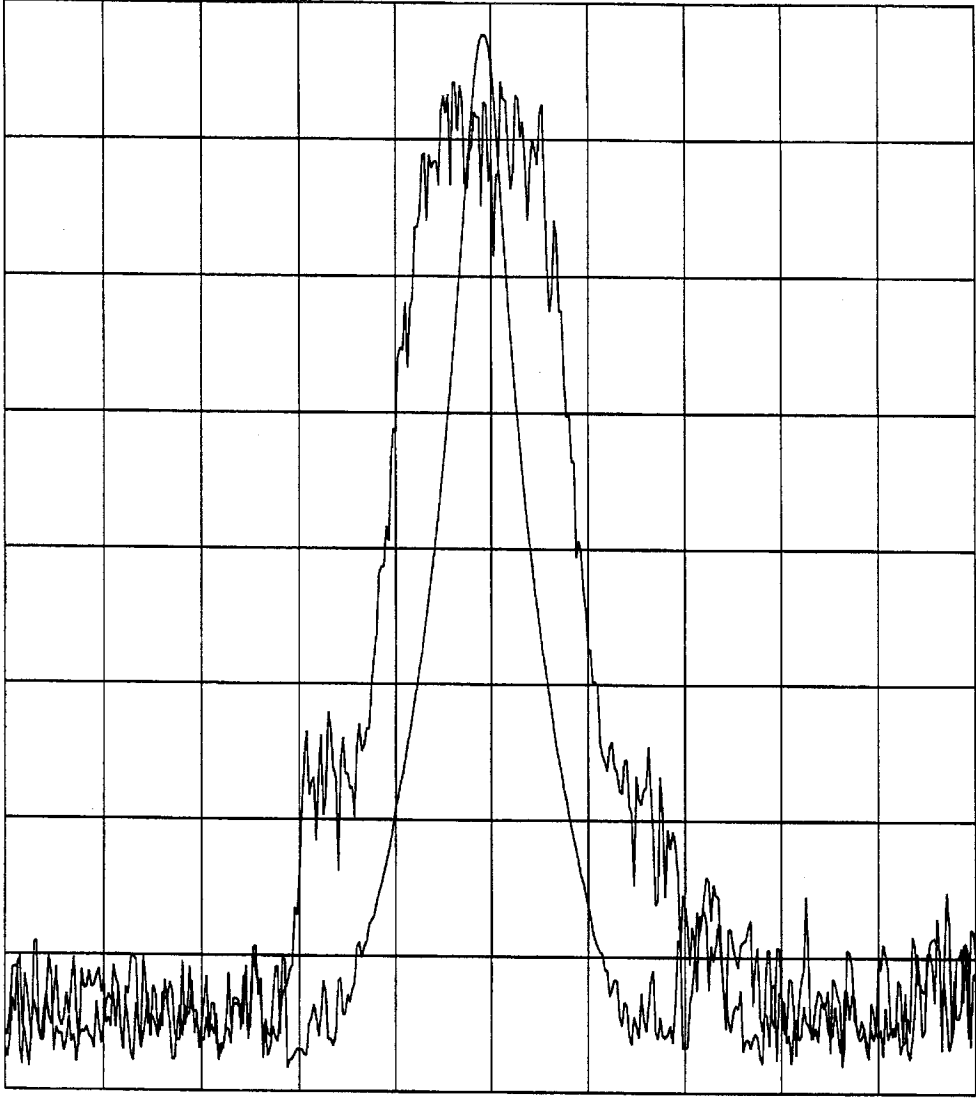
Report No. R-4560N-1

GSM

07:51:43 APR 25, 2006

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB



CENTER 1.8502000 GHz

SPAN 200.0 kHz

#RES BW 3.0 kHz

VBW 3 kHz

SWP 100 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from bottom edge of uplink band.
 Modulation: GSM

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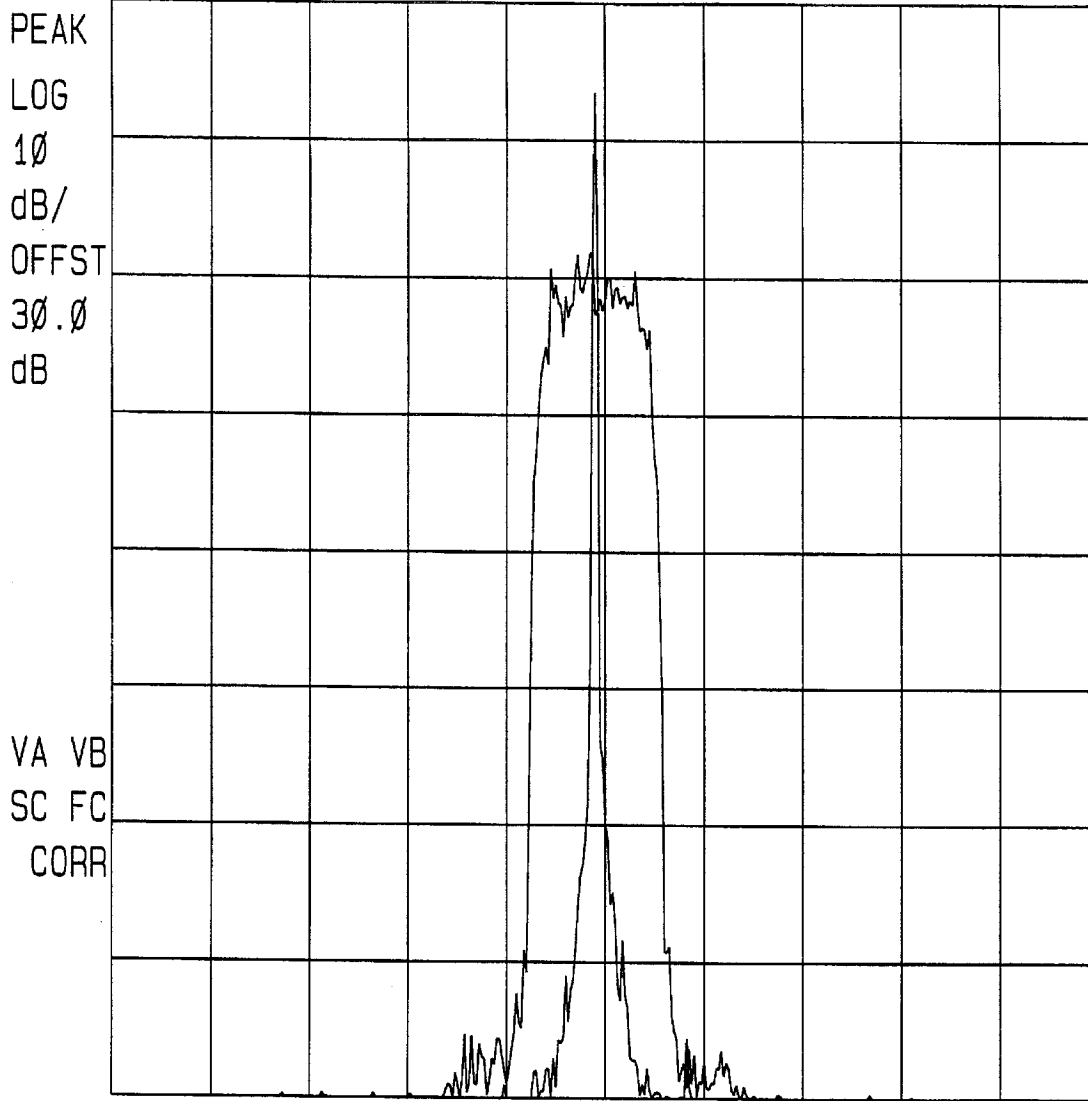


Retlif Testing Laboratories

Report No. R-4560N-1

08:23:11 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.9899700 GHz

SPAN 250.0 kHz

#RES BW 300 Hz

VBW 300 Hz

SWP 8.33 sec

Customer: Cellular Specialties, Inc.
Test Sample: Frequency Programmable Repeater
Model No: DSP85-1W-P
Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
Notes: One channel spacing from top edge of downlink band.
Modulation: TDMA

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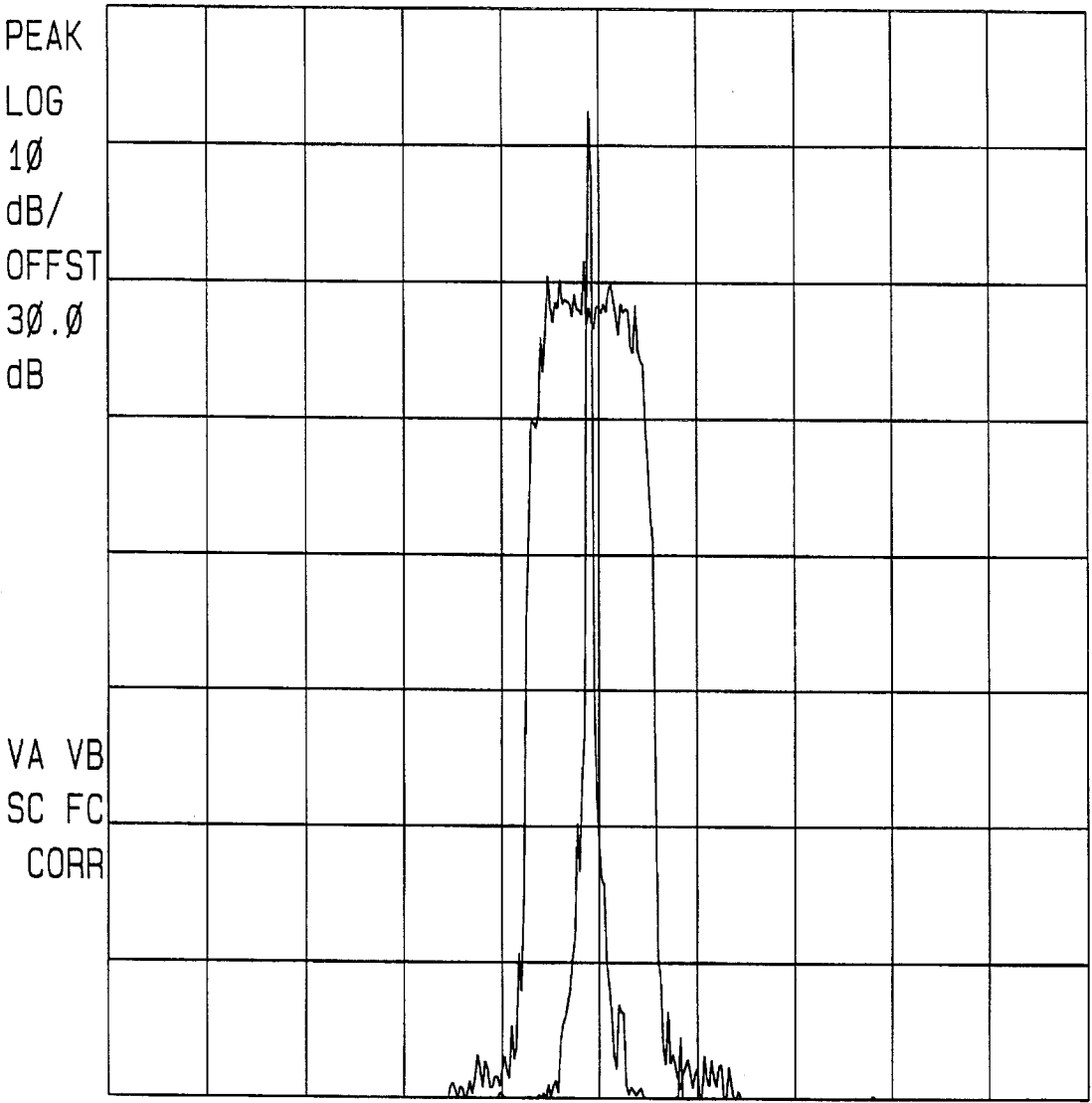
Retlif Testing Laboratories

Report No. R-4560N-1

TDMA

08:21:57 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.9300300 GHz

SPAN 250.0 kHz

#RES BW 300 Hz

VBW 300 Hz

SWP 8.33 sec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from bottom edge of downlink band.
 Modulation: TDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 2 of 6



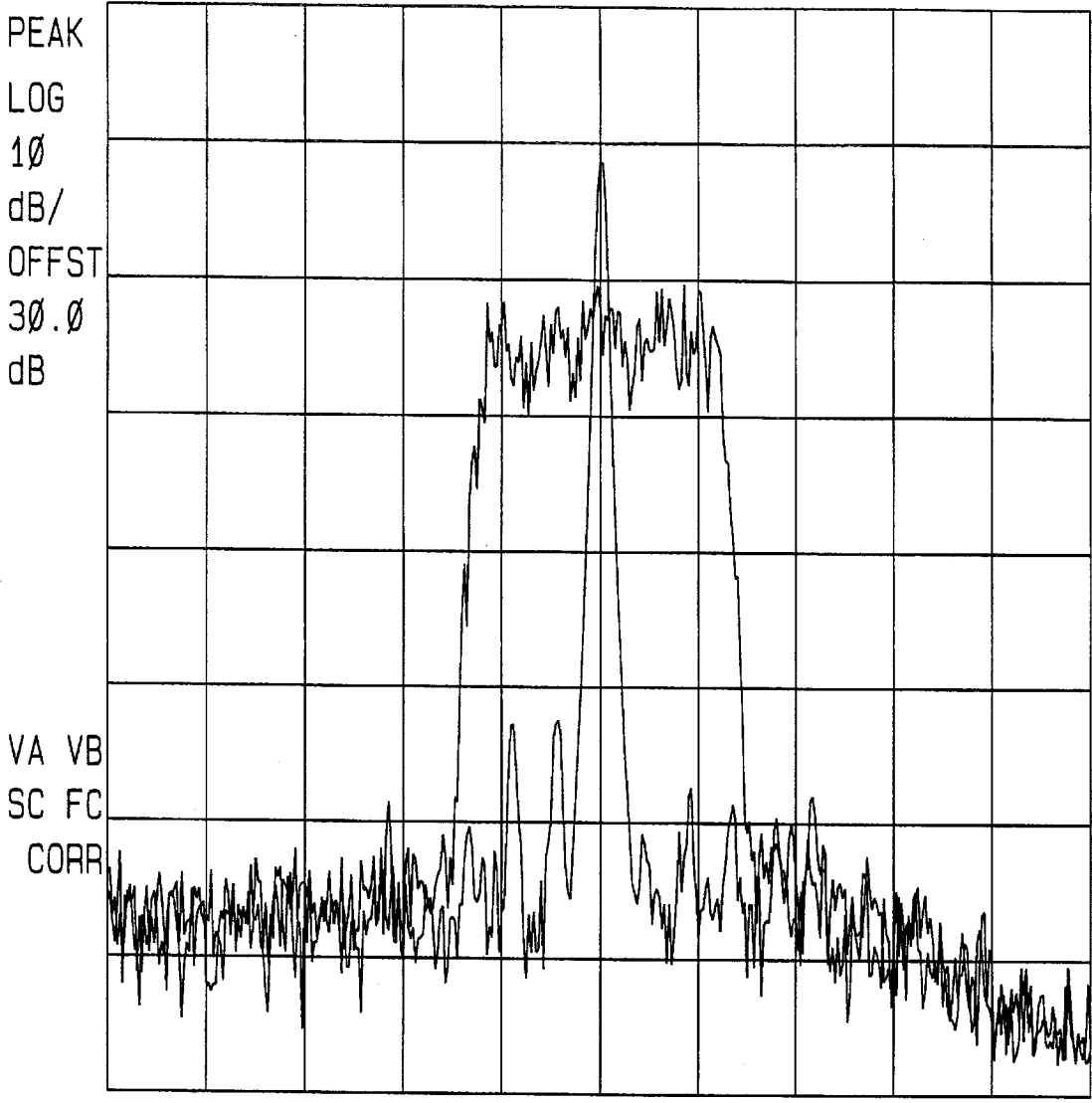
Retlif Testing Laboratories

Report No. R-4560N-1

CDMA

08:26:35 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.988750 GHz

SPAN 5.000 MHz

#RES BW 30 kHz

VBW 30 kHz

SWP 20.0 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from top edge of downlink band.
 Modulation: CDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 3 of 6



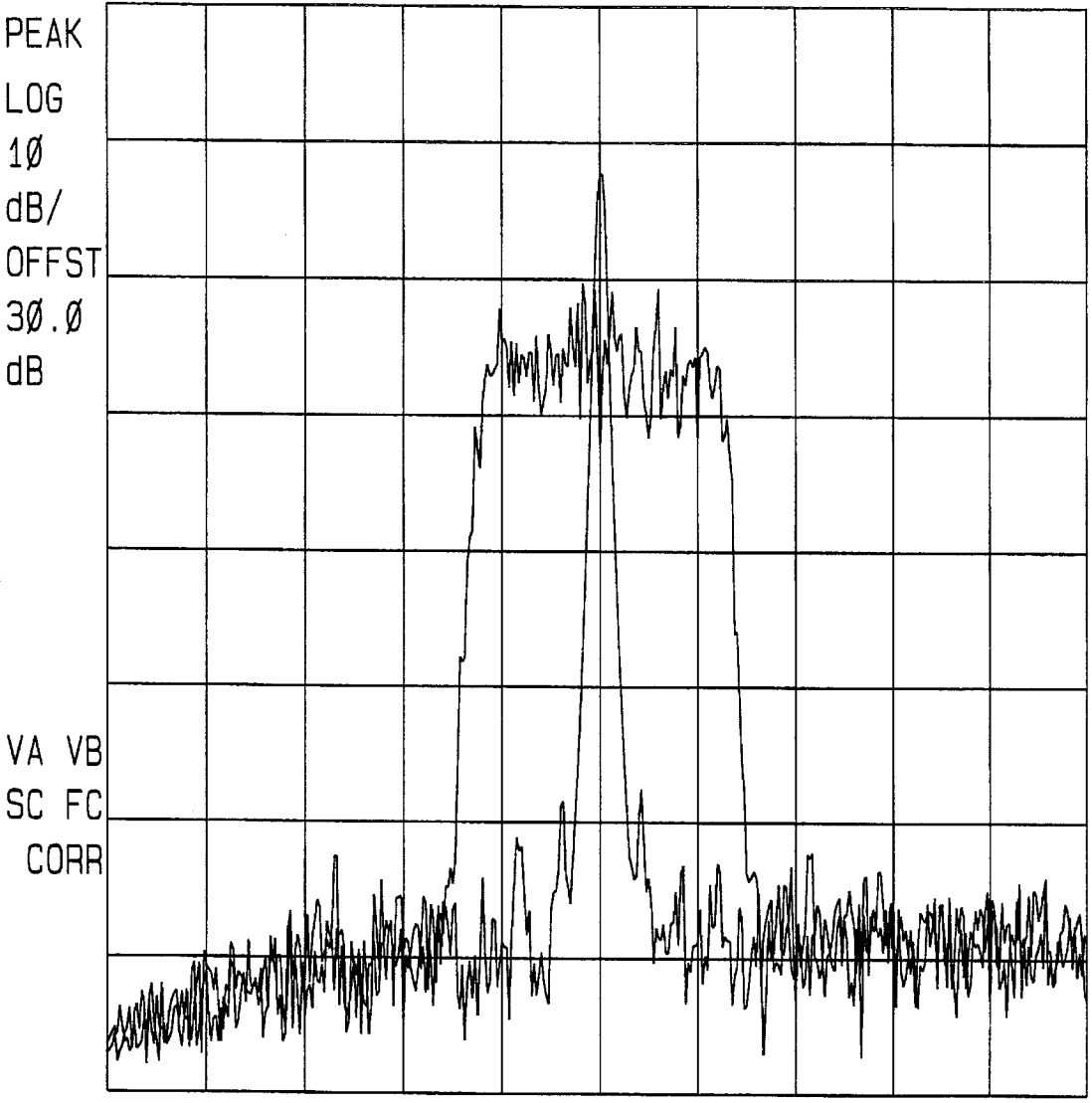
Retlif Testing Laboratories

Report No. R-4560N-1

CDMA

08:25:15 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.931250 GHz

SPAN 5.000 MHz

#RES BW 30 kHz

VBW 30 kHz

SWP 20.0 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from bottom edge of downlink band.
 Modulation: CDMA

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Retlif Testing Laboratories

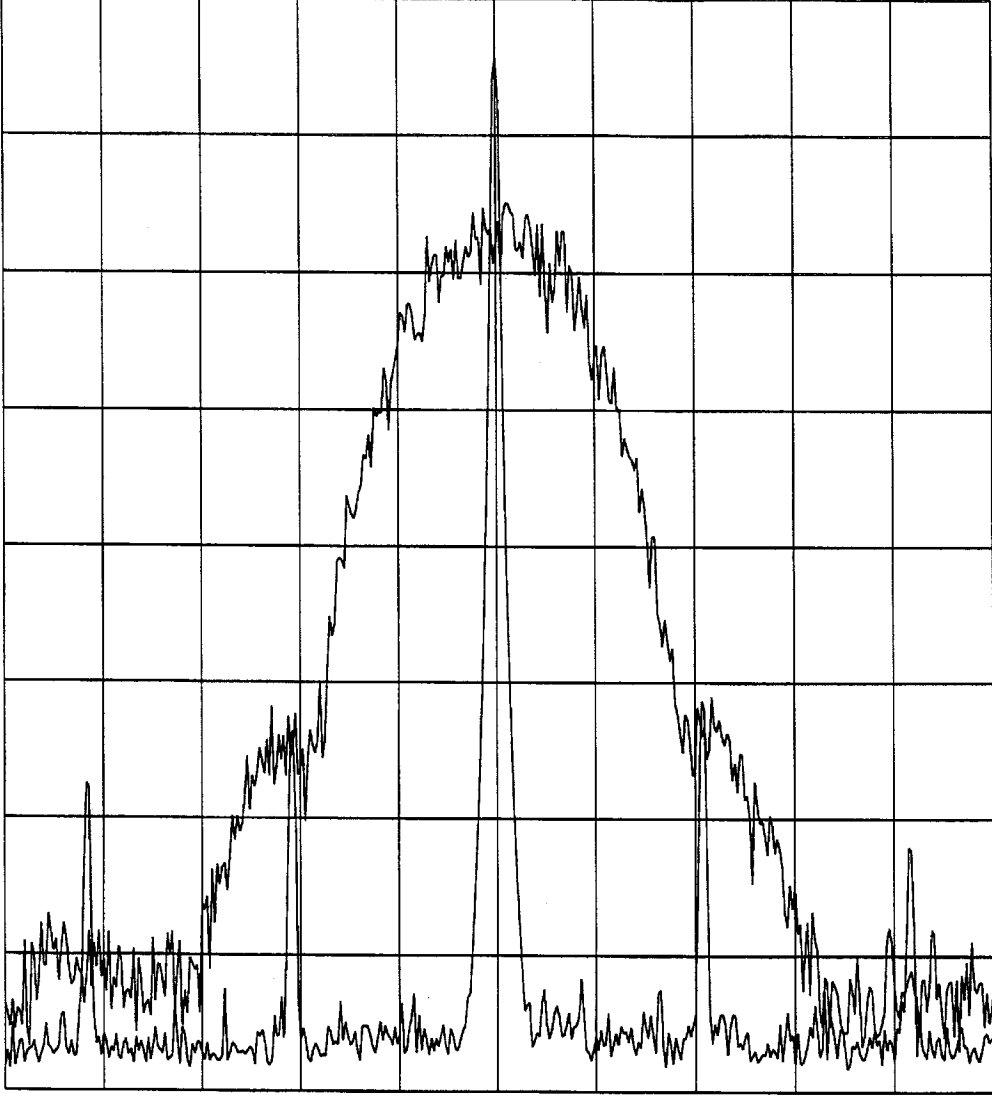
Report No. R-4560N-1

624

08:30:39 APR 25, 2006

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB



CENTER 1.930200 GHz
#RES BW 3.0 kHz

VBW 3 kHz

SPAN 1.000 MHz
SWP 333 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: One channel spacing from top edge of downlink band.
 Modulation: GSM

Date: 04/25/2006 Tech: T. Hannemann Sheet 5 of 6



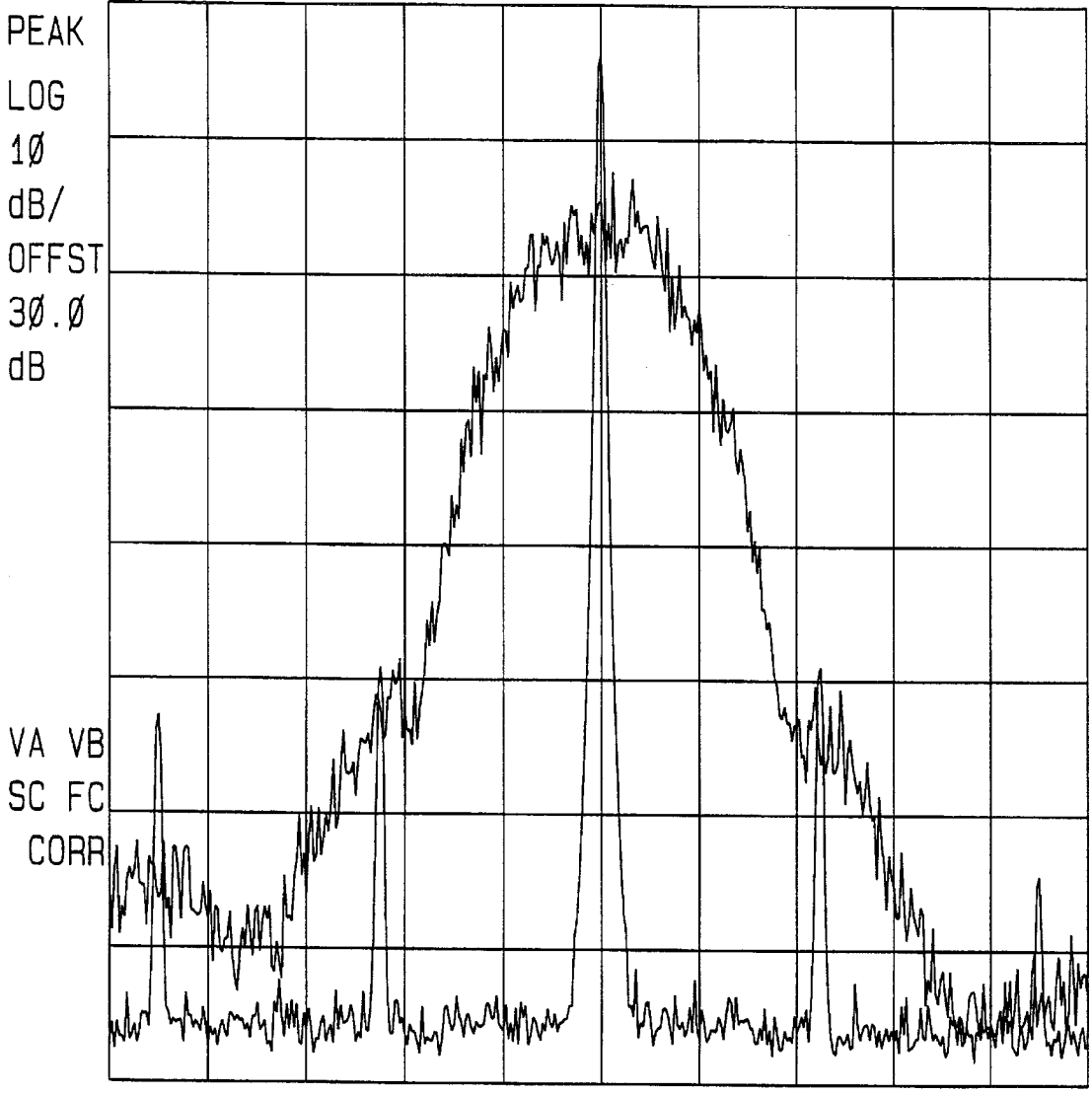
Retlif Testing Laboratories

Report No. R-4560N-1

6-201

08:30:00 APR 25, 2006

REF 30.0 dBm AT 10 dB



CENTER 1.989800 GHz
#RES BW 3.0 KHZ

VBW 3 KHZ

SPAN 1.000 MHz
SWP 333 msec

Customer:	Cellular Specialties, Inc.
Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P
Test Method:	Occupied Bandwidth, FCC Part 2, para 2.1049
Notes:	One channel spacing from bottom edge of downlink band. Modulation: GSM
Date:	04/25/2006
Tech:	T. Hannemann
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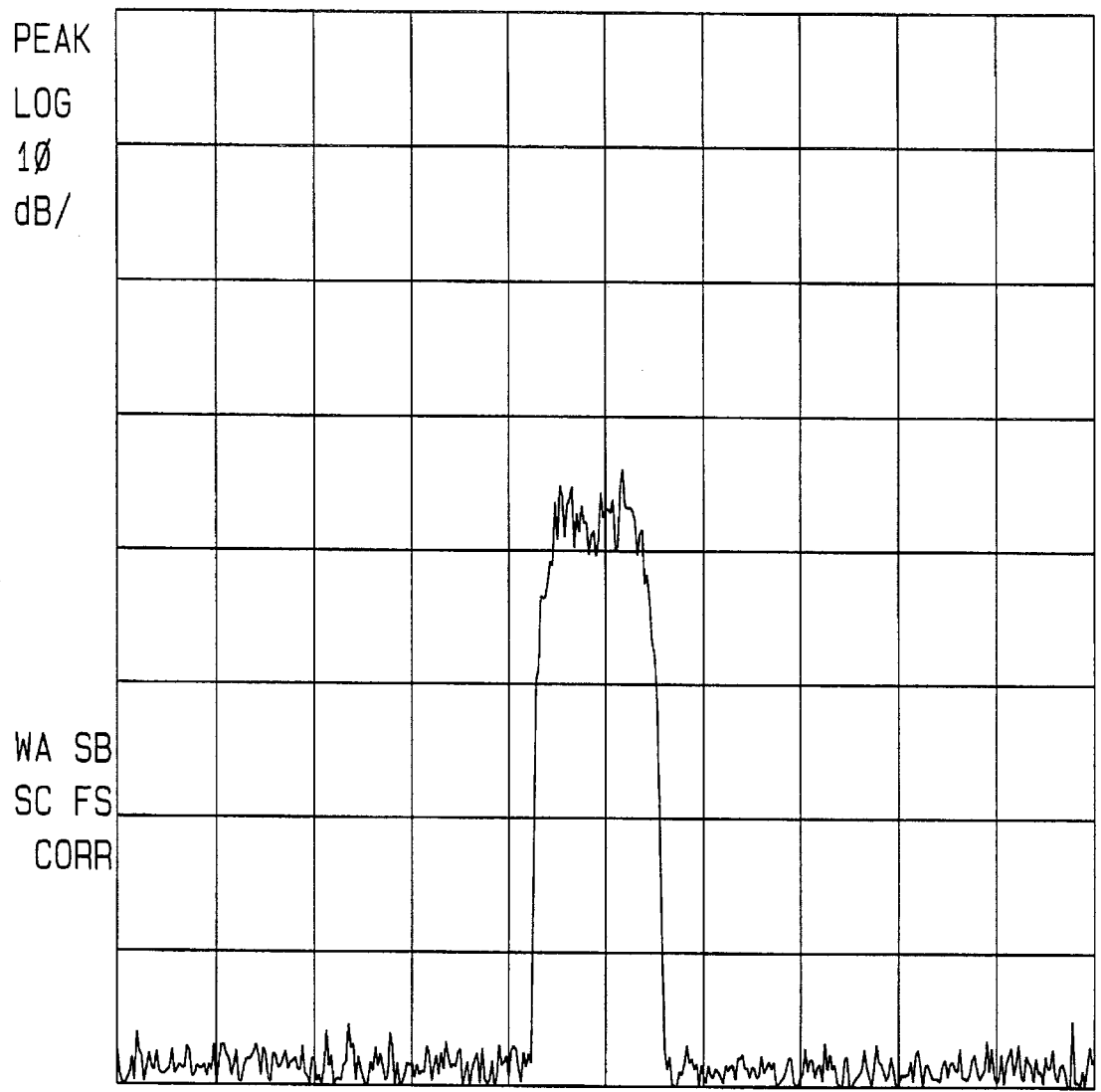
Retlif Testing Laboratories

Report No. R-4560N-1

08:08:10 APR 25, 2006

TDMA

REF -40.0 dBm #AT 0 dB



CENTER 1.8500300 GHz SPAN 250.0 kHz
 #RES BW 300 Hz VBW 300 Hz SWP 8.33 sec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: Input to amplifier top edge of uplink band.
 Modulation: TDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 1 of 6

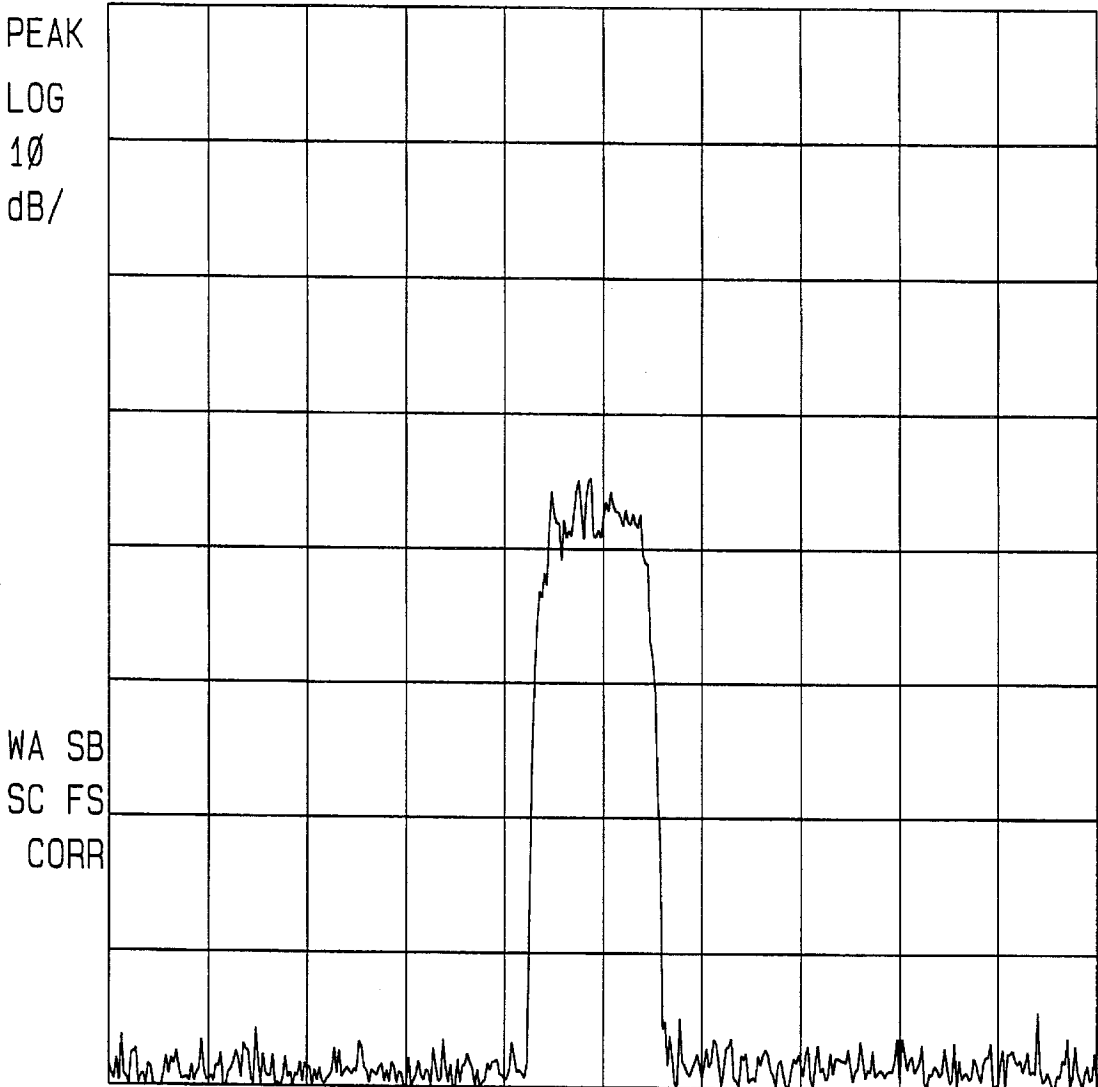
Retlif Testing Laboratories

Report No. R-4560N-1

TDMA

08:09:14 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.9099700 GHz

SPAN 250.0 kHz

#RES BW 300 Hz

VBW 300 Hz

SWP 8.33 sec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: Input to amplifier bottom edge of uplink band.
 Modulation: TDMA



Retlif Testing Laboratories

Report No. R-4560N-1

Date: 04/25/2006

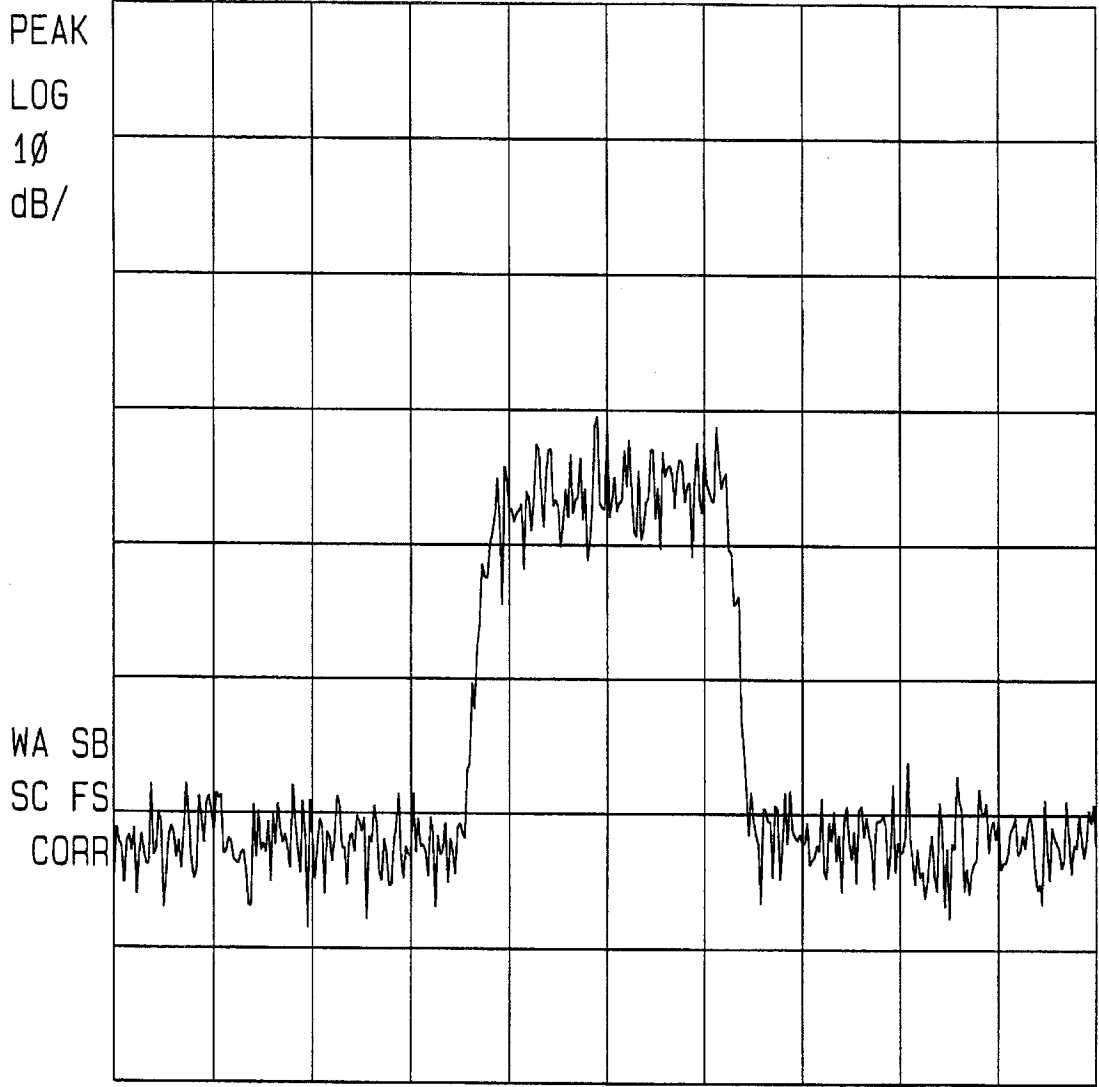
Tech: T. Hannemann

Sheet 2 of 6

CDMA
PRINT

08:04:37 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.851250 GHz SPAN 5.000 MHz
#RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

Customer: Cellular Specialties, Inc.
Test Sample: Frequency Programmable Repeater
Model No: DSP85-1W-P
Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
Notes: Input to amplifier top edge of uplink band.
Modulation: CDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 3 of 6



Retlif Testing Laboratories

Report No. R-4560N-1

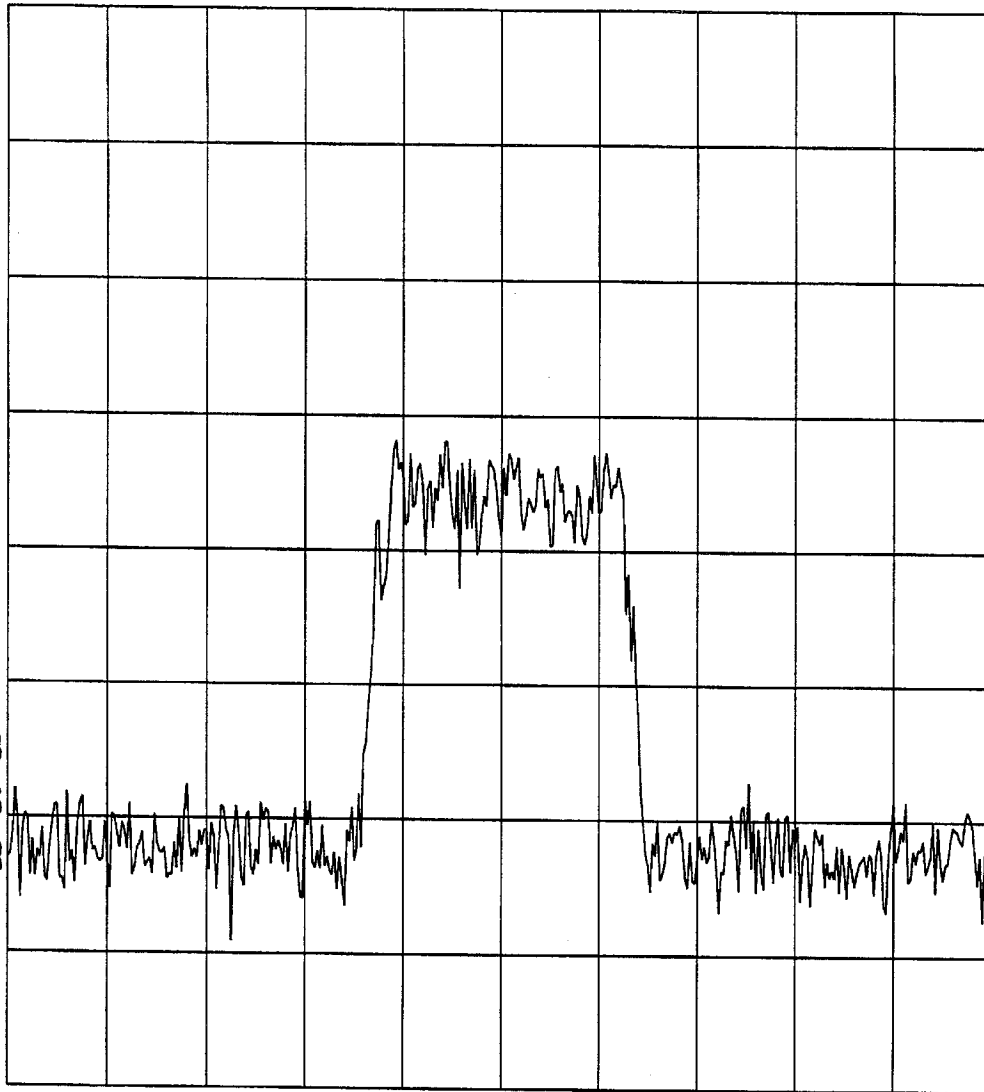
CDMA
5/1/06

08:04:01 APR 25, 2006

REF -40.0 dBm #AT 0 dB

PEAK
LOG
10
dB/

WA SB
SC FS
CORR



CENTER 1.909800 GHz

SPAN 5.000 MHz

#RES BW 30 kHz

VBW 30 kHz

SWP 20.0 msec

Customer: Cellular Specialties, Inc.
Test Sample: Frequency Programmable Repeater
Model No: DSP85-1W-P
Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
Notes: Input to amplifier bottom edge of uplink band.
Modulation: CDMA

Date: 04/25/2006

Tech: T. Hannemann

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Retlif Testing Laboratories

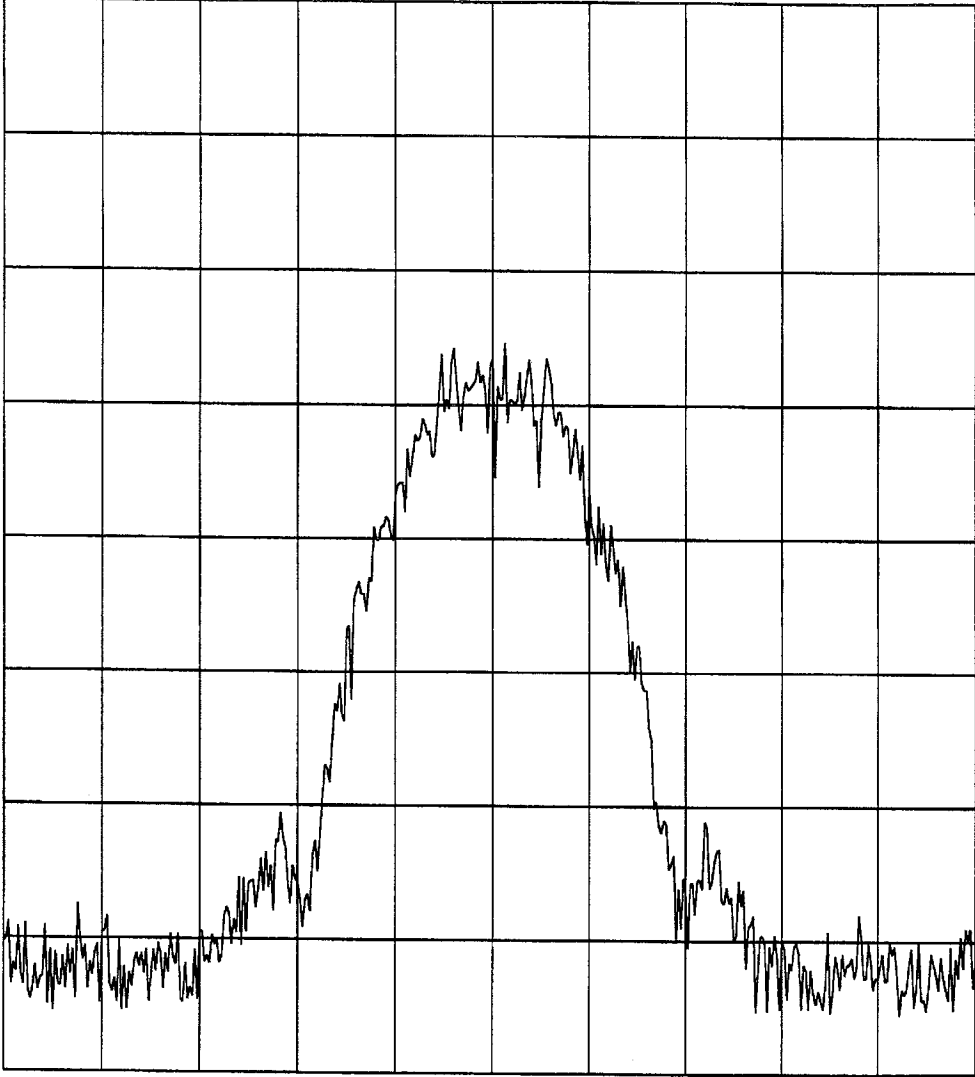
Report No. R-4560N-1

GSM Input

08:00:55 APR 25, 2006

REF -40.0 dBm #AT 0 dB

PEAK
LOG
10
dB/



CENTER 1.850200 GHz
#RES BW 3.0 KHZ

VBW 3 KHZ

SPAN 1.000 MHz
SWP 333 msec

Customer:	Cellular Specialties, Inc.
Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P
Test Method:	Occupied Bandwidth, FCC Part 2, para 2.1049
Notes:	Input to amplifier top edge of uplink band. Modulation: GSM
Date:	04/25/2006
Tech:	T. Hannemann
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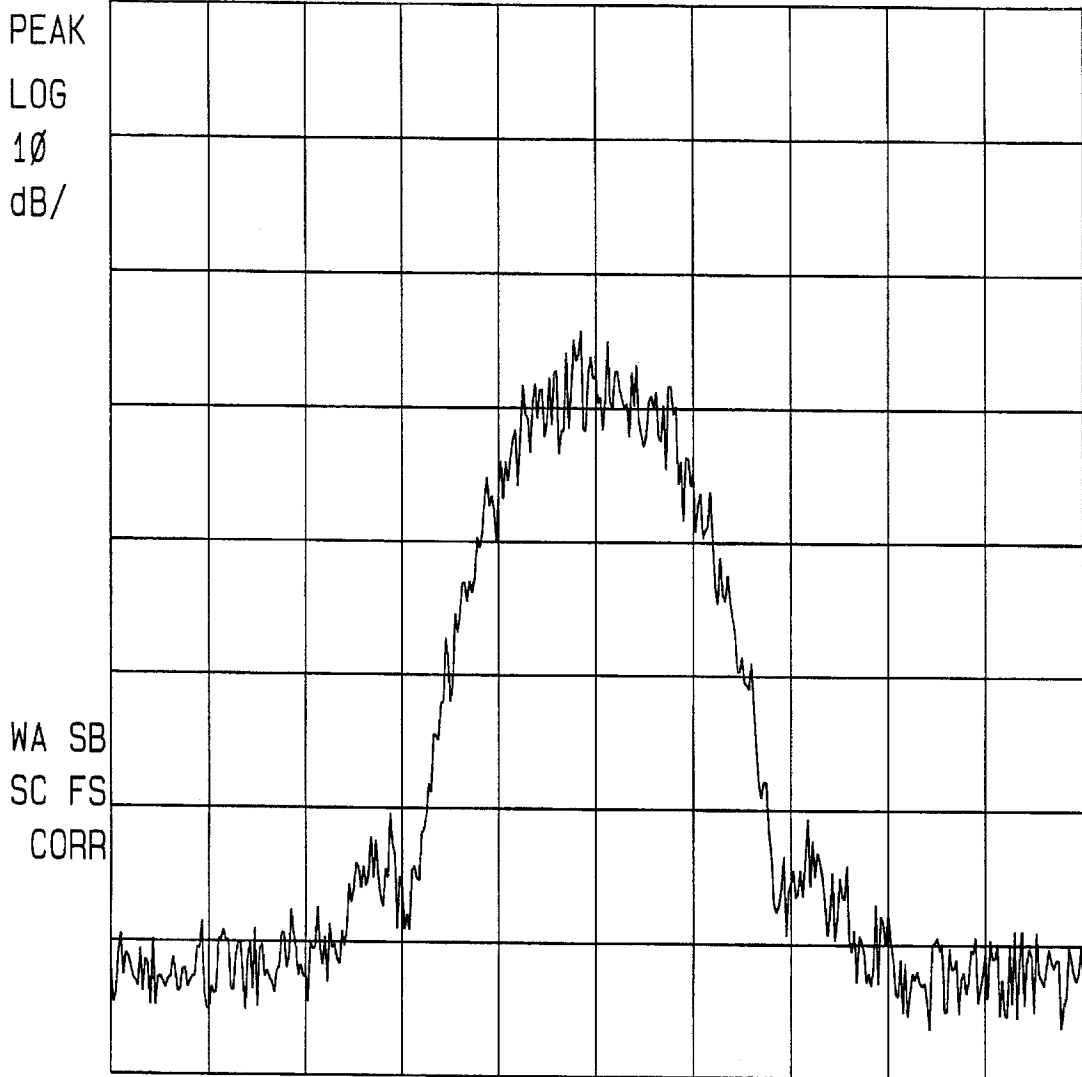
Retlif Testing Laboratories

Report No. R-4560N-1

GSM input

08:01:27 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.909800 GHz SPAN 1.000 MHz
 #RES BW 3.0 kHz VBW 3 kHz SWP 333 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: Input to amplifier bottom edge of uplink band.
 Modulation: GSM

Date: 04/25/2006 Tech: T. Hannemann Sheet 6 of 6

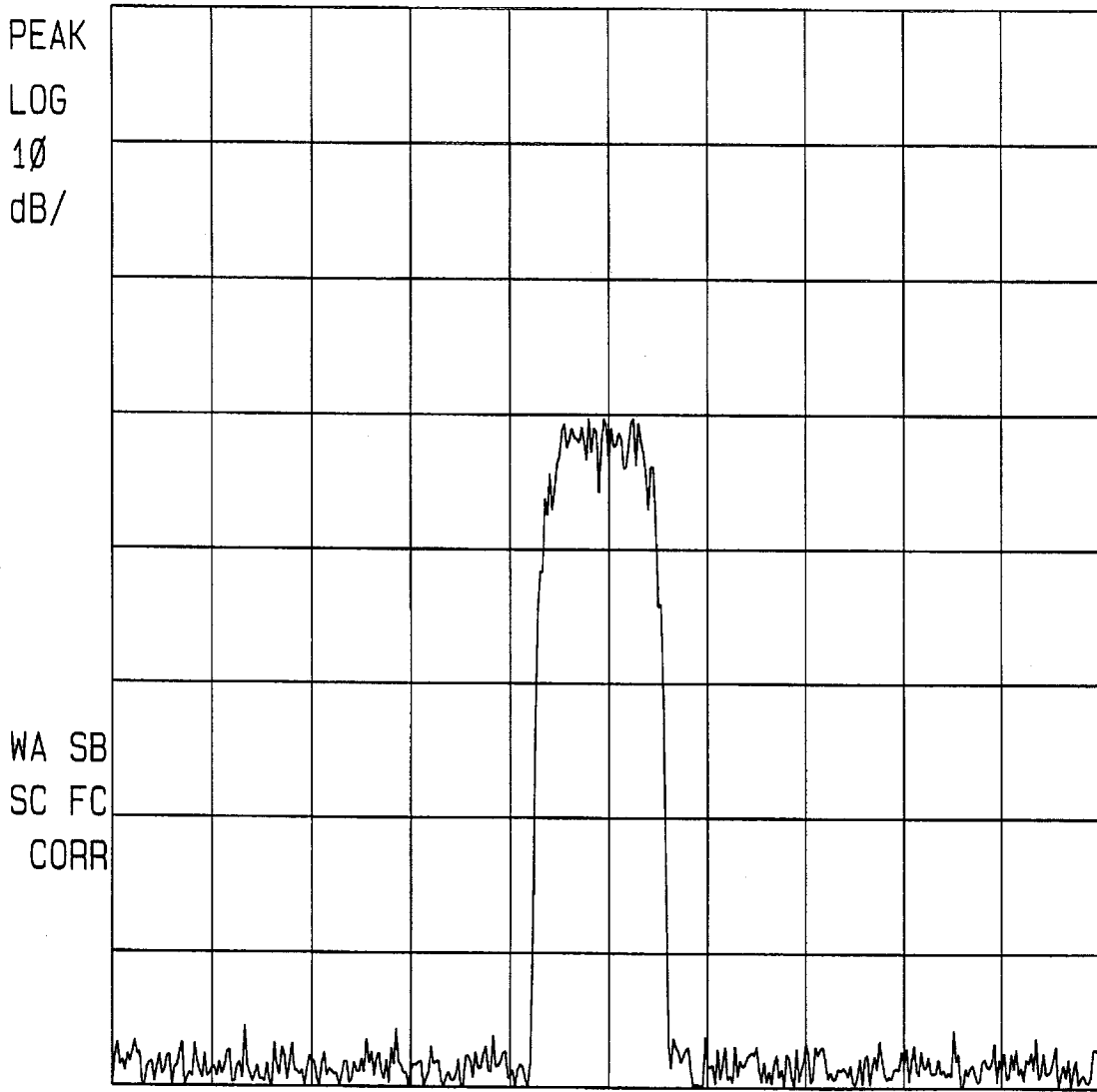


Retlif Testing Laboratories
 Report No. R-4560N-1

TDMA
E1

ØB: 41:20 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.9898970 GHz

SPAN 250.0 kHz

#RES BW 300 Hz

VBW 300 Hz

SWP 8.33 sec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: Input to amplifier top edge of downlink band.
 Modulation: TDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 1 of 6



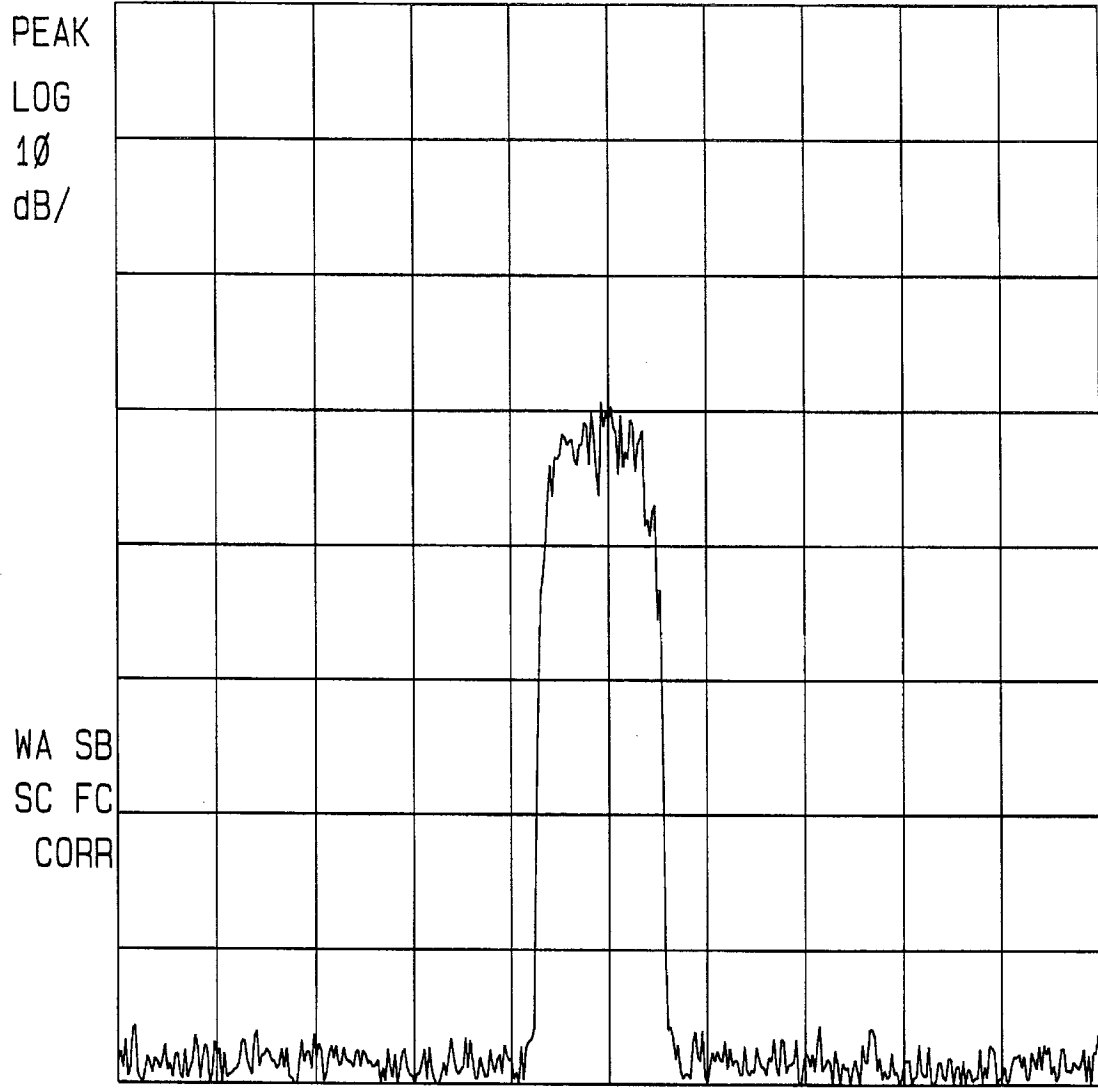
Retlif Testing Laboratories

Report No. R-4560N-1

TDMA
5/1/06

08:40:51 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.9300300 GHz SPAN 250.0 kHz
#RES BW 300 Hz VBW 300 Hz SWP 8.33 sec

Customer: Cellular Specialties, Inc.
Test Sample: Frequency Programmable Repeater
Model No: DSP85-1W-P
Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
Notes: Input to amplifier bottom edge of downlink band.
Modulation: TDMA
Date: 04/25/2006 Tech: T. Hannemann Sheet 2 of 6



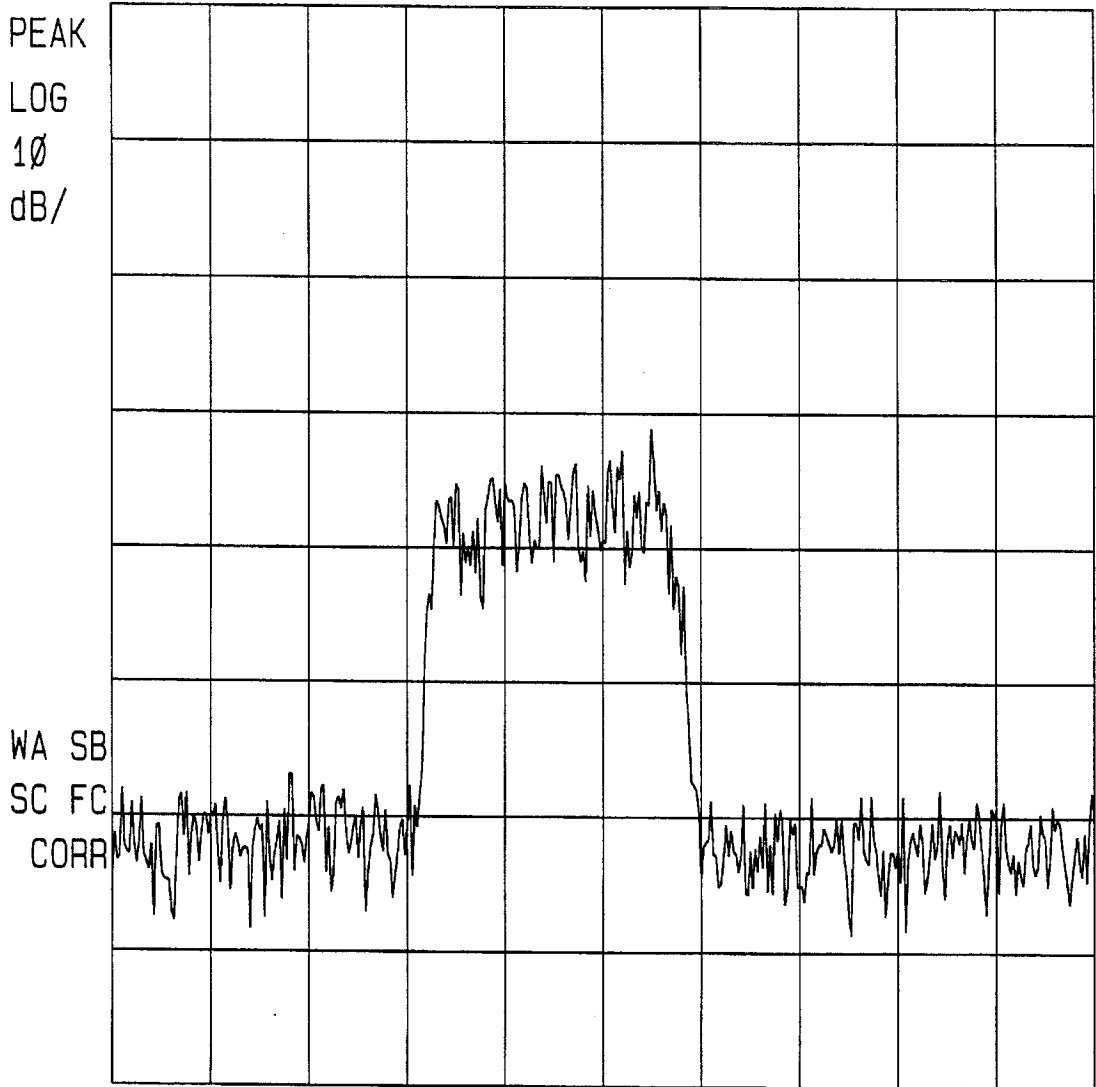
Retlif Testing Laboratories

Report No. R-4560N-1

CDMA
Input

08:35:28 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.931500 GHz

SPAN 5.000 MHz

#RES BW 30 kHz

VBW 30 kHz

SWP 20.0 msec

Customer: Cellular Specialties, Inc.
Test Sample: Frequency Programmable Repeater
Model No: DSP85-1W-P
Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
Notes: Input to amplifier top edge of downlink band.
Modulation: CDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 3 of 6



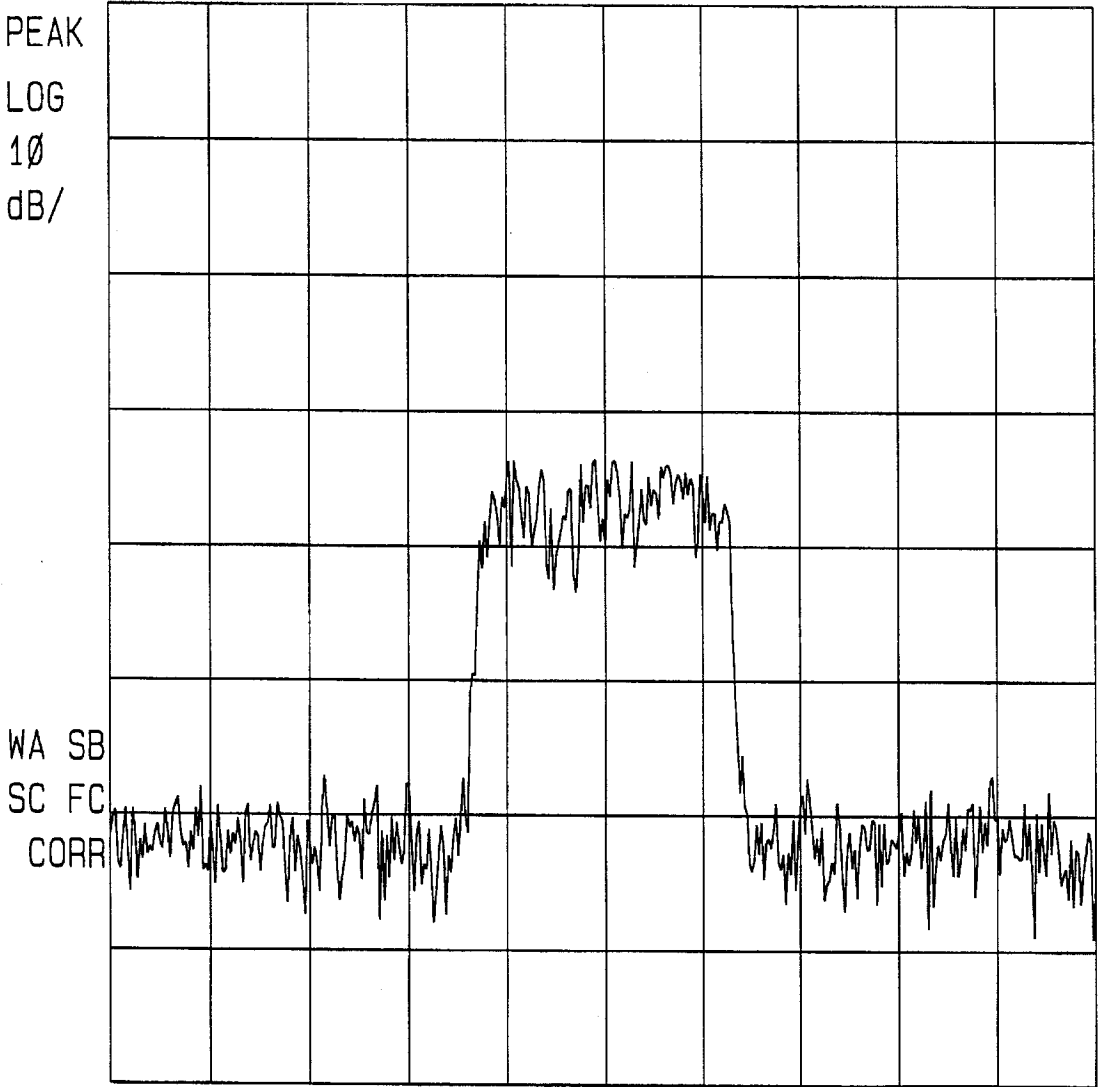
Retlif Testing Laboratories

Report No. R-4560N-1

CDMA
Input

08:35:52 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.988750 GHz

SPAN 5.000 MHz

#RES BW 30 kHz

VBW 30 kHz

SWP 20.0 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: Input to amplifier bottom edge of downlink band.
 Modulation: CDMA

Date: 04/25/2006 Tech: T. Hannemann Sheet 4 of 6



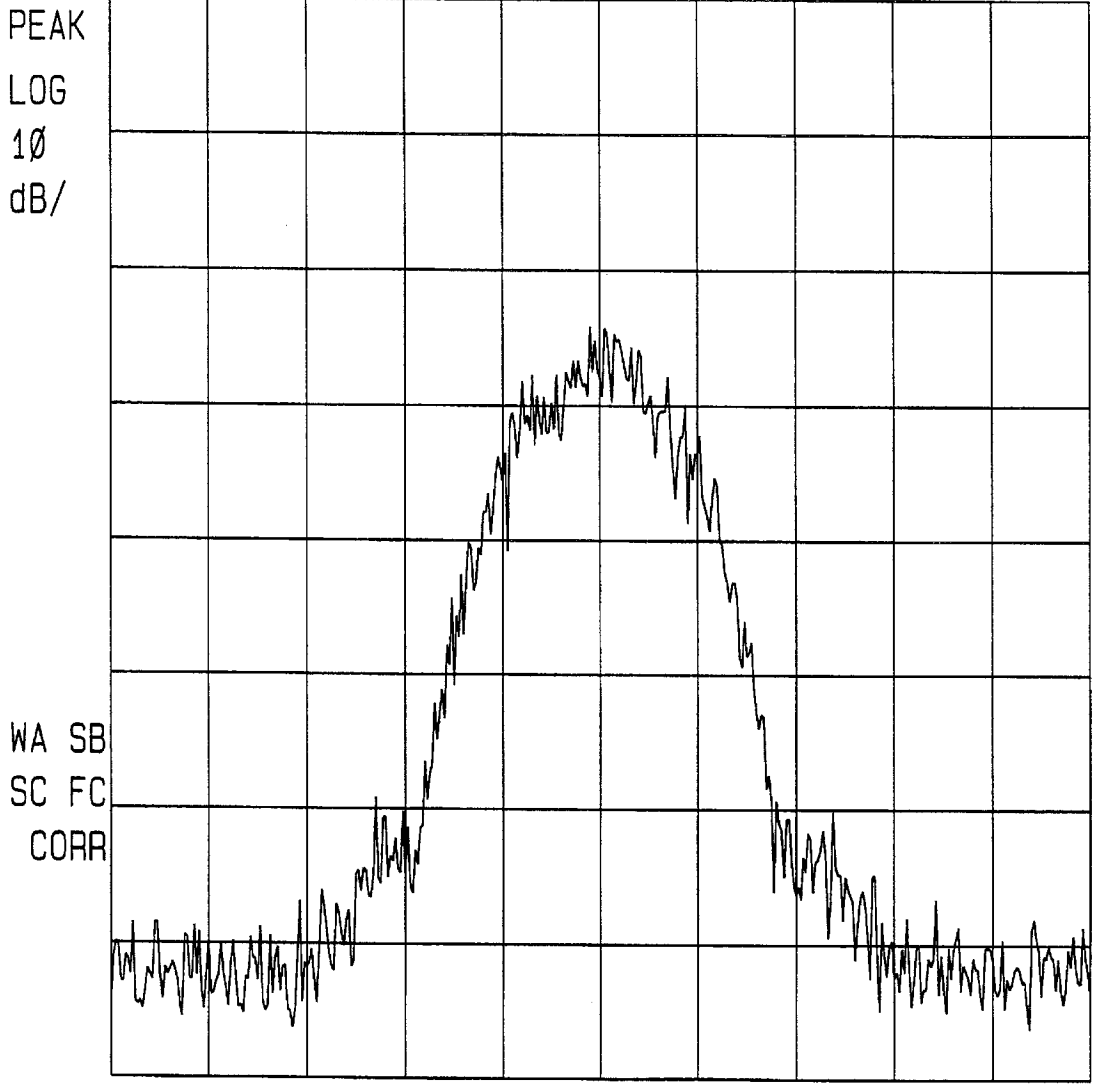
Retlif Testing Laboratories

Report No. R-4560N-1

6/11/06

08:33:14 APR 25, 2006

REF -40.0 dBm #AT 0 dB



CENTER 1.989800 GHz

SPAN 1.000 MHz

#RES BW 3.0 kHz

VBW 3 kHz

SWP 333 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: Input to amplifier top edge of downlink band.
 Modulation: GSM

Date: 04/25/2006

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Retlif Testing Laboratories

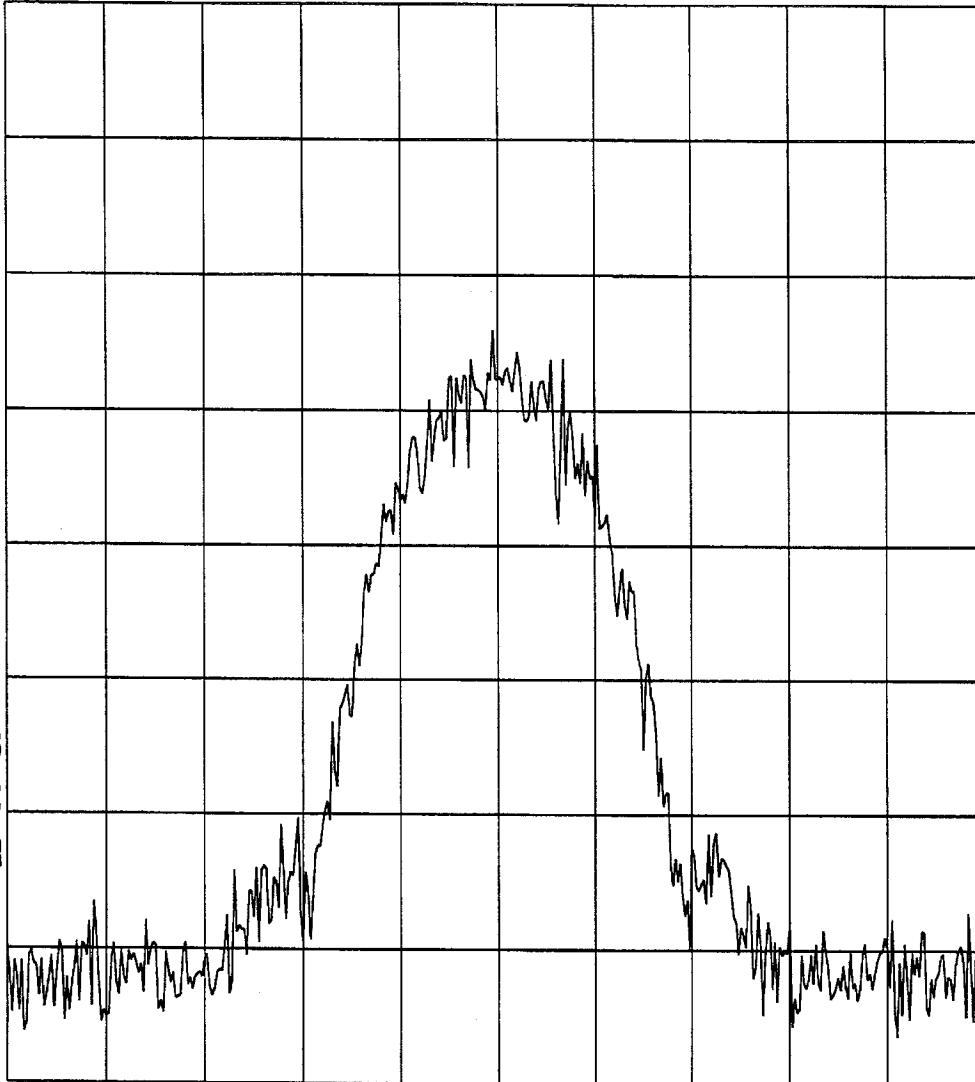
Report No. R-4560N-1

08:32:55 APR 25, 2006

REF -40.0 dBm #AT 0 dB

PEAK
LOG
10
dB/

WA SB
SC FC
CORR



CENTER 1.930200 GHz

SPAN 1.000 MHz

#RES BW 3.0 kHz

VBW 3 kHz

SWP 333 msec

Customer: Cellular Specialties, Inc.
 Test Sample: Frequency Programmable Repeater
 Model No: DSP85-1W-P
 Test Method: Occupied Bandwidth, FCC Part 2, para 2.1049
 Notes: Input to amplifier bottom edge of downlink band.
 Modulation: GSM

Date: 04/25/2006

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