

ORTEL CORPORATION
2015 West Chestnut Street
Alhambra, CA 91803

This Report Concerns:	Original Grant:	Class II Change: X
Equipment Type:	Mirror Cell PCS Repeater, Model CSR-1902-2 (C-band)	
Deferred grant requested per 47 CFR 0.457(d)(1)(ii)?	Yes: Defer until:	No: X
Company Name agrees to notify the Commission by:	N/A	
of the intended date of announcement of the product so that the grant can be issued on that date.		
Transition Rules Request per 15.37?	Yes:	*No:
(*) FCC Part 2, Paragraphs 2.985, 2.989,, 2.991 and 2.993; and Part 24, Paragraph 24.238		

<i>Report Prepared by:</i>	TÜV PRODUCT SERVICE 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 619 546 3999 Fax: 619 546 0364
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1 GENERAL INFORMATION

1.1 Product Description

Mirror Cell PCS Repeater, Model CSR-1902-2

1.2 Test Methodology

Purpose of Test: To demonstrate compliance with the ANSI C63.4 setup.

Test Performed:

- x 1. Conducted Emissions, FCC Part 2, Paragraphs 2.985, 2.989, 2.991 & Part 24, Paragraph 24.238
- x 2. Radiated Emissions, EN55022: 1992 Class B limit, 30 - 1,000 MHz, 10 meters
- x 3. Radiated Emission per FCC Part 2, Paragraph 2.993, 1 - 20 GHz
- 4. Engineering evaluations

1.3 Test Facility

The open area test site and conducted measurement data were tested by:

TÜV PRODUCT SERVICE
10040 Mesa Rim Road
San Diego, CA 92121-2912
Phone: 619 546 3999
Fax: 619 546 0364

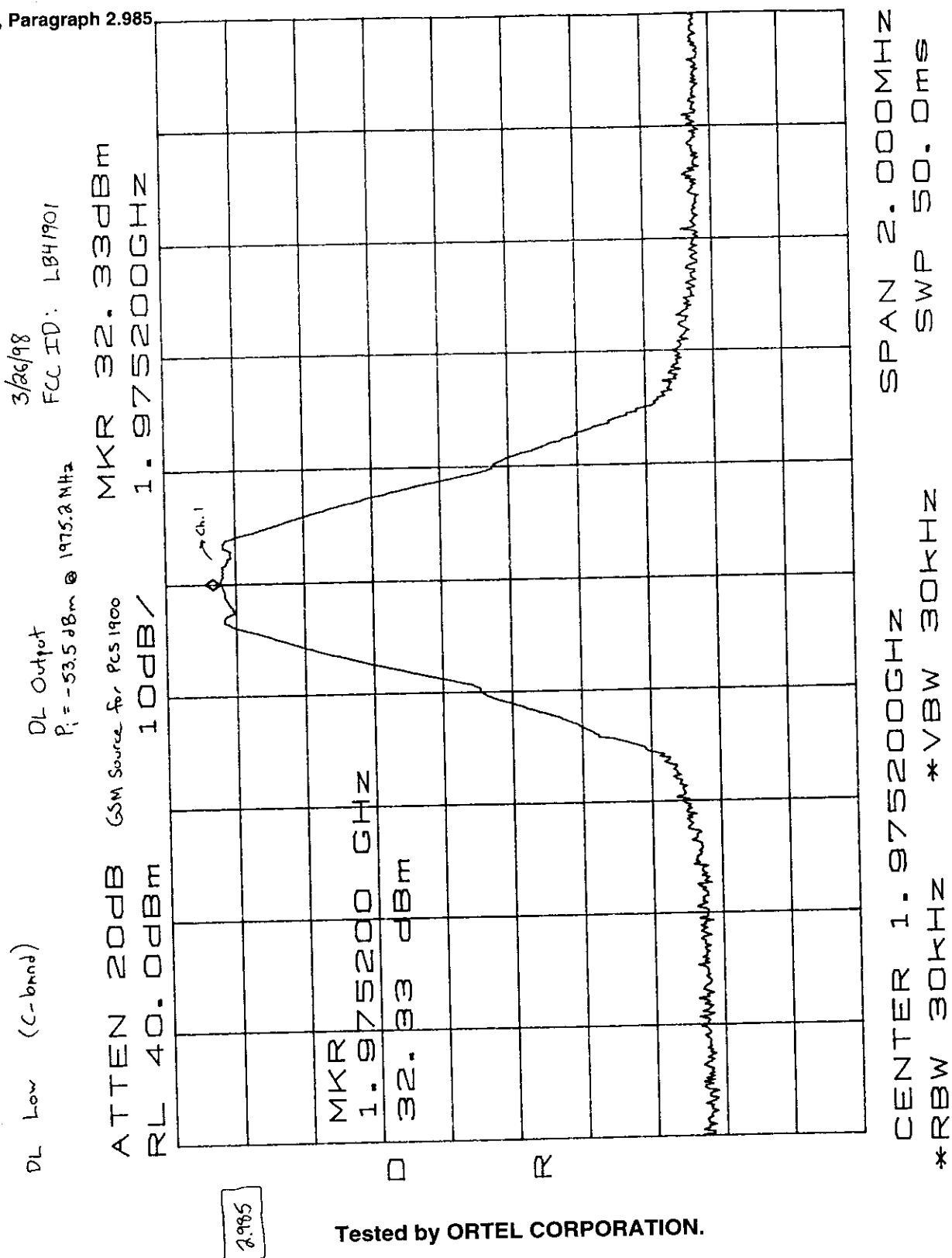
The Test Site Data and performance comply with ANSI 63.4 and are registered with the FCC, 7435 Oakland Mills Rd, Columbia Maryland 21046. All Measurement Data is acquired according to the content of FCC Measurement Procedure and ANSI C63.4, unless supplemented with additional requirements as noted in the test report.

2 CONDUCTED EMISSION DATA

ORTEL CORPORATION
Mirror Cell PCS Repeater, Model CSR-1902-2 (C-band)

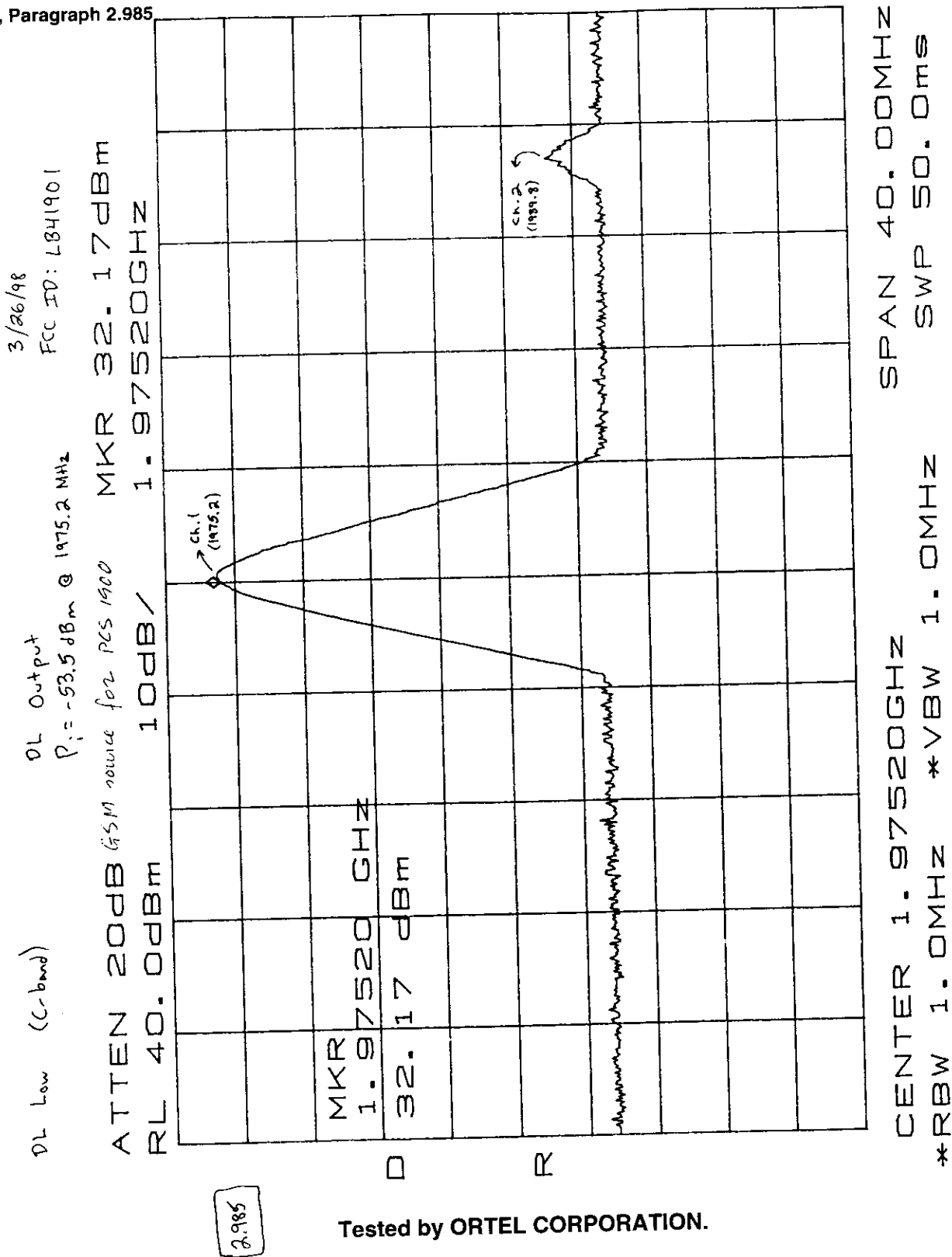
See following page(s).

Part 2, Paragraph 2.985



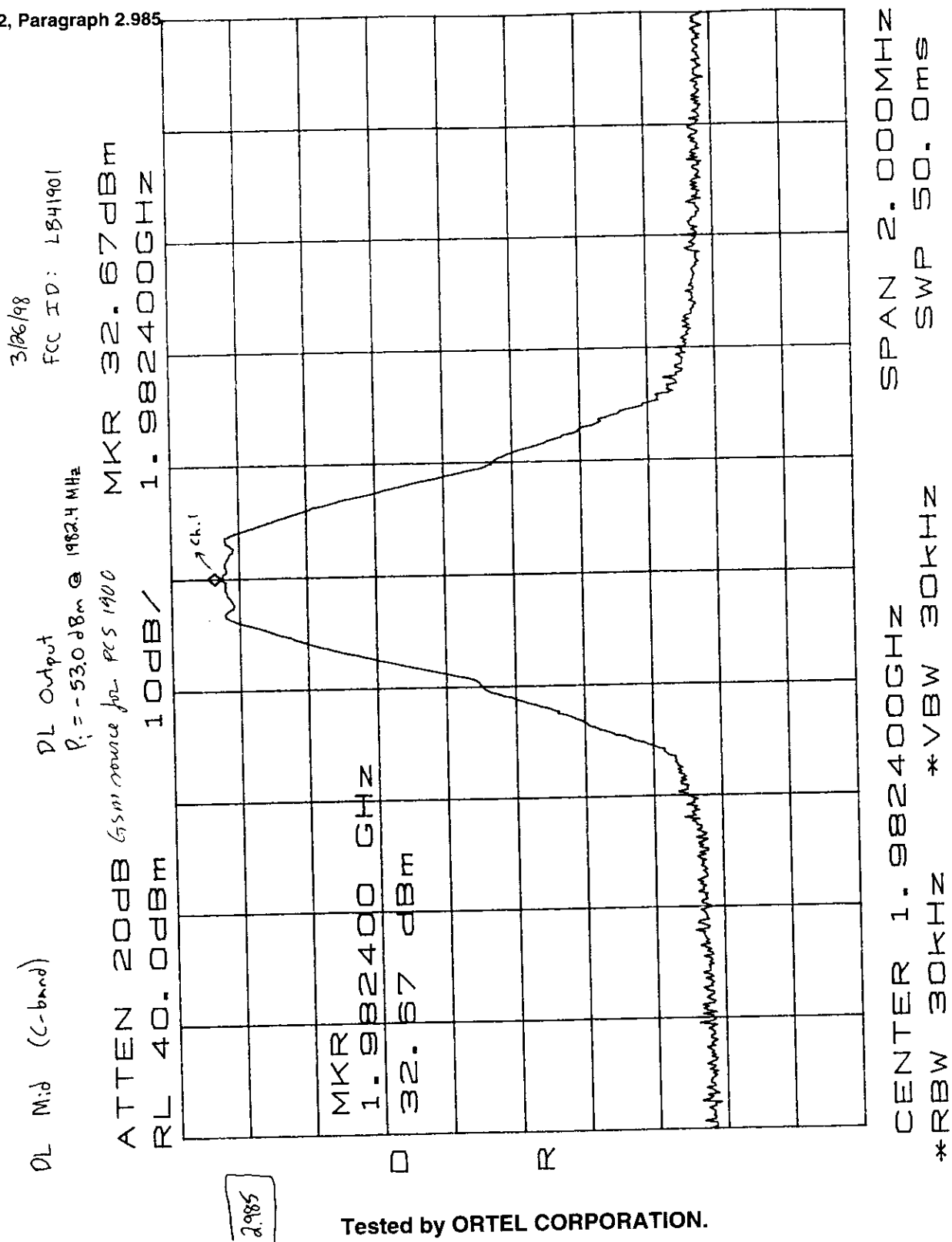
Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.985



Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.985

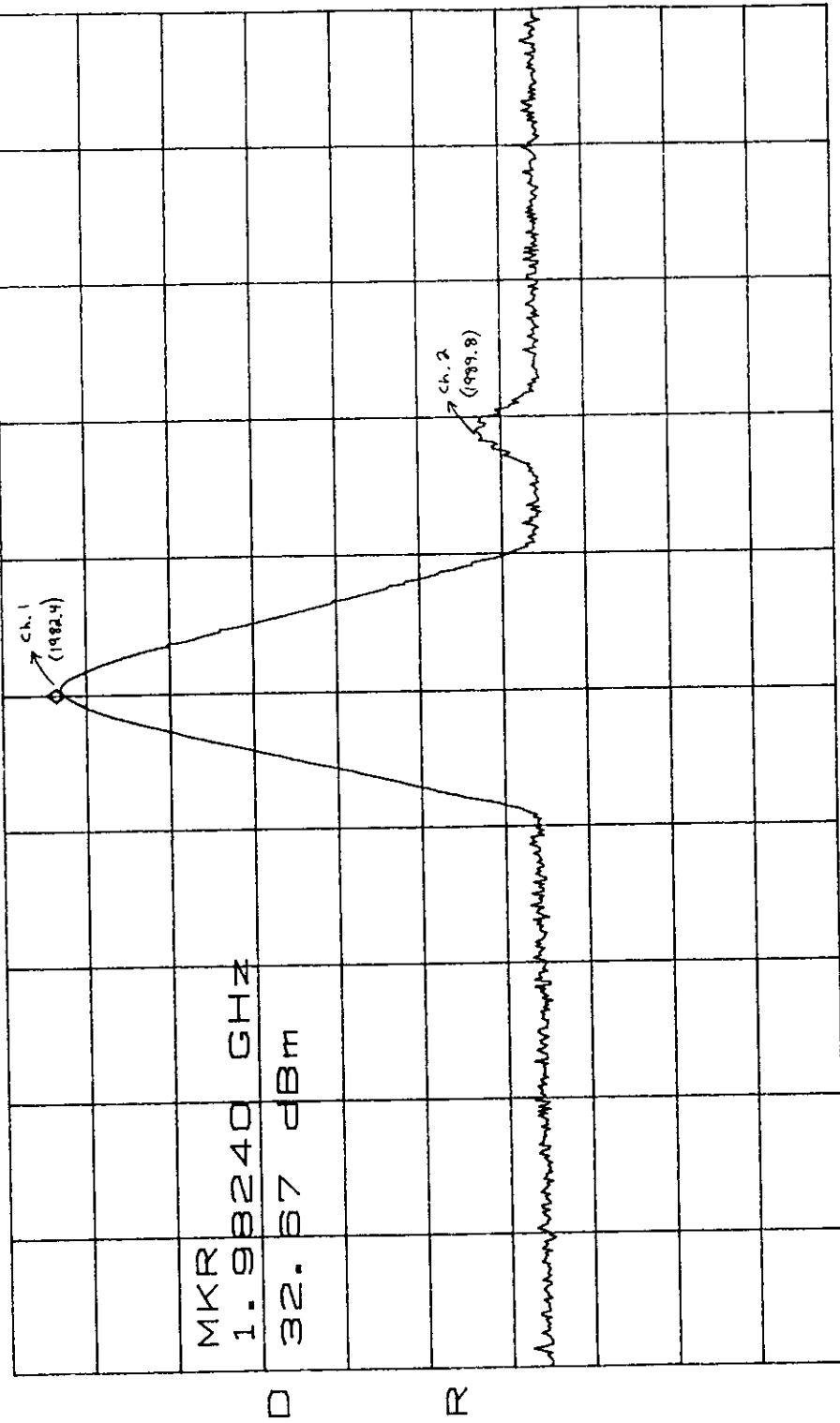


Part 2, Paragraph 2.985

3/26/98
FCC ID: LB41901

DL Output
P_i = -53.0 dBm @ 1982.4 MHz

ATTN 20dB GSM source for PCS 1900 MKR 32.67 dBm
RL 40.0 dBm 10dB/ 1.98240 GHz

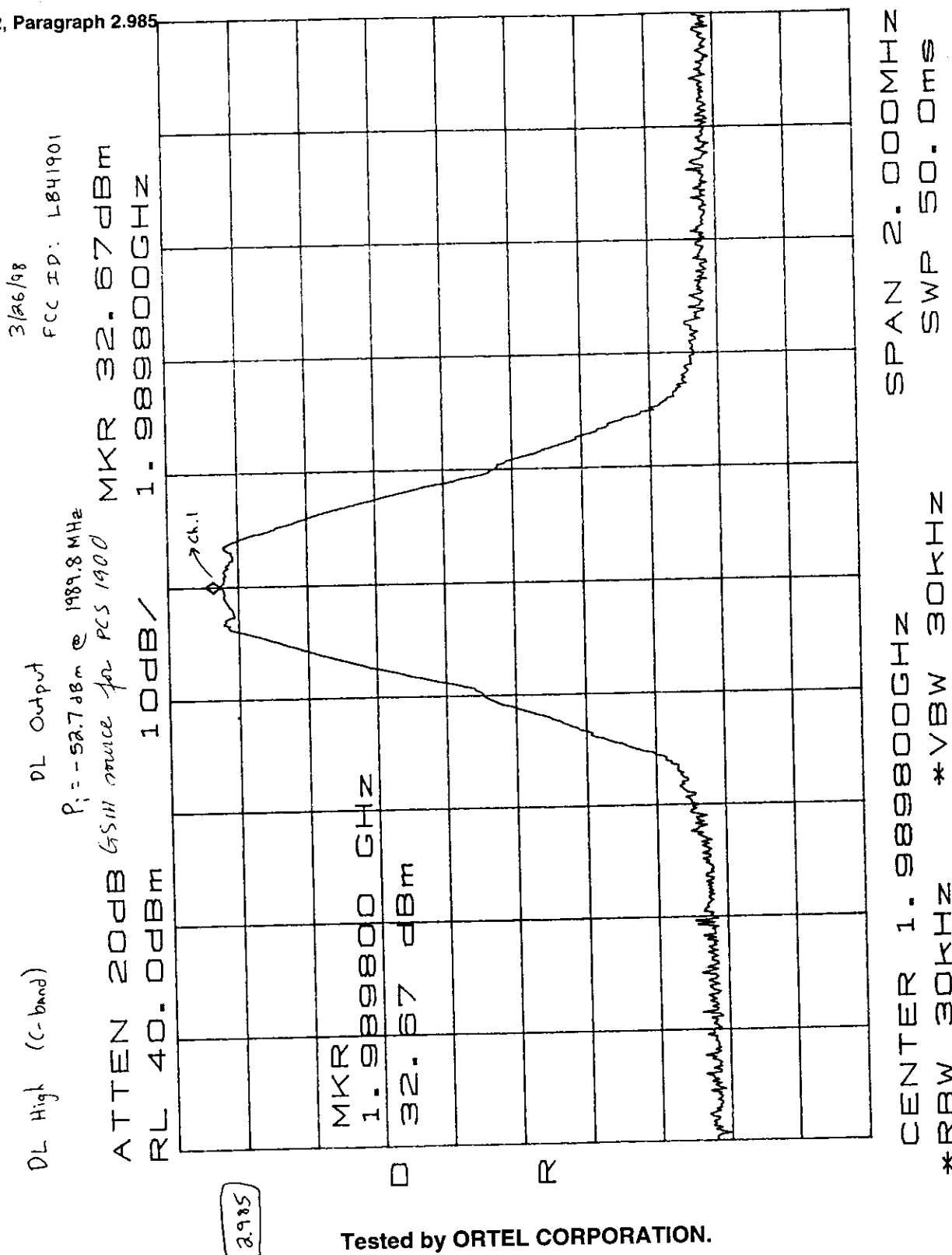


CENTER 1.98240 GHz SPAN 40.00 MHz
*RBW 1.0 MHz *VBW 1.0 MHz SWP 50.0 ms

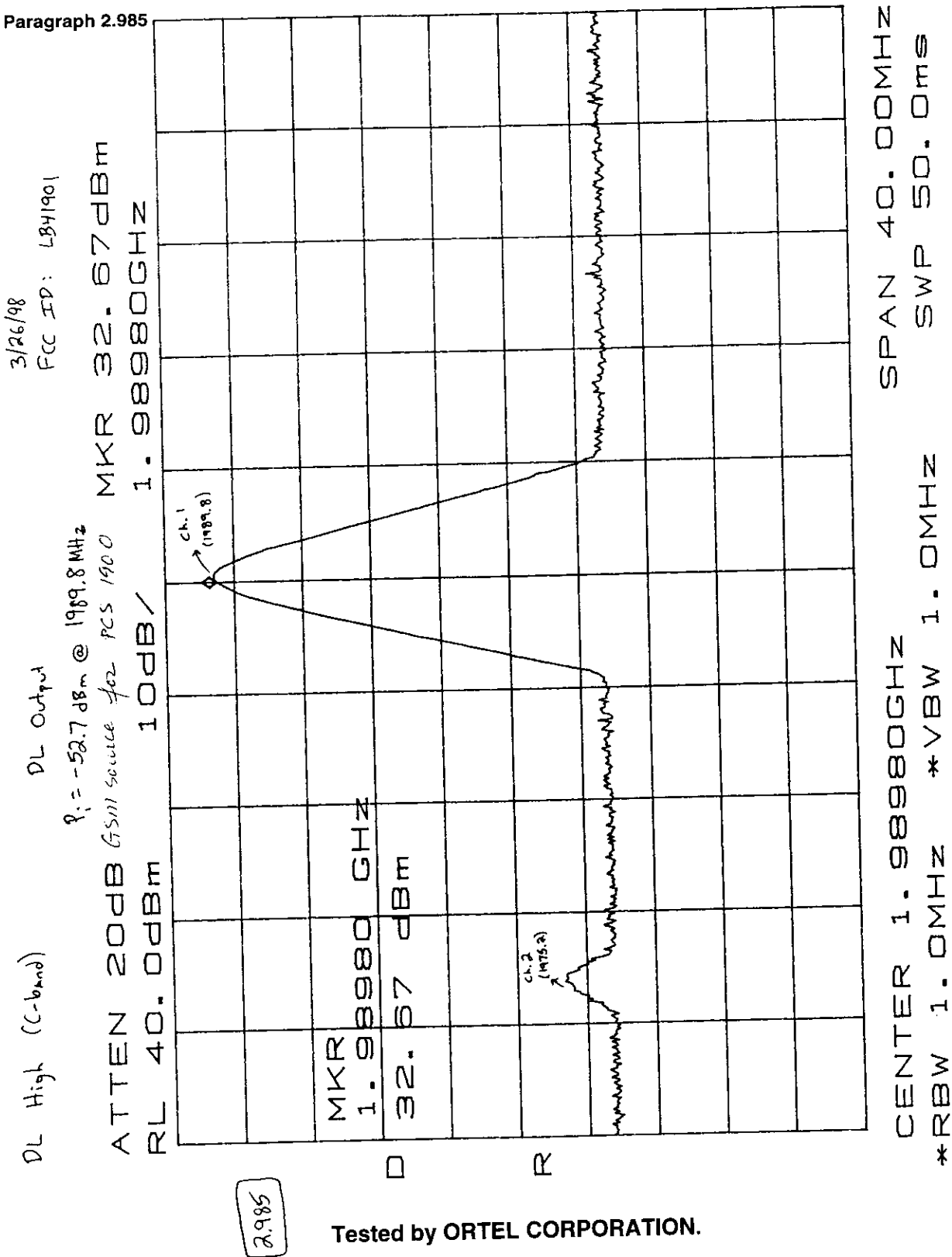
2.985

Tested by ORTEL CORPORATION.

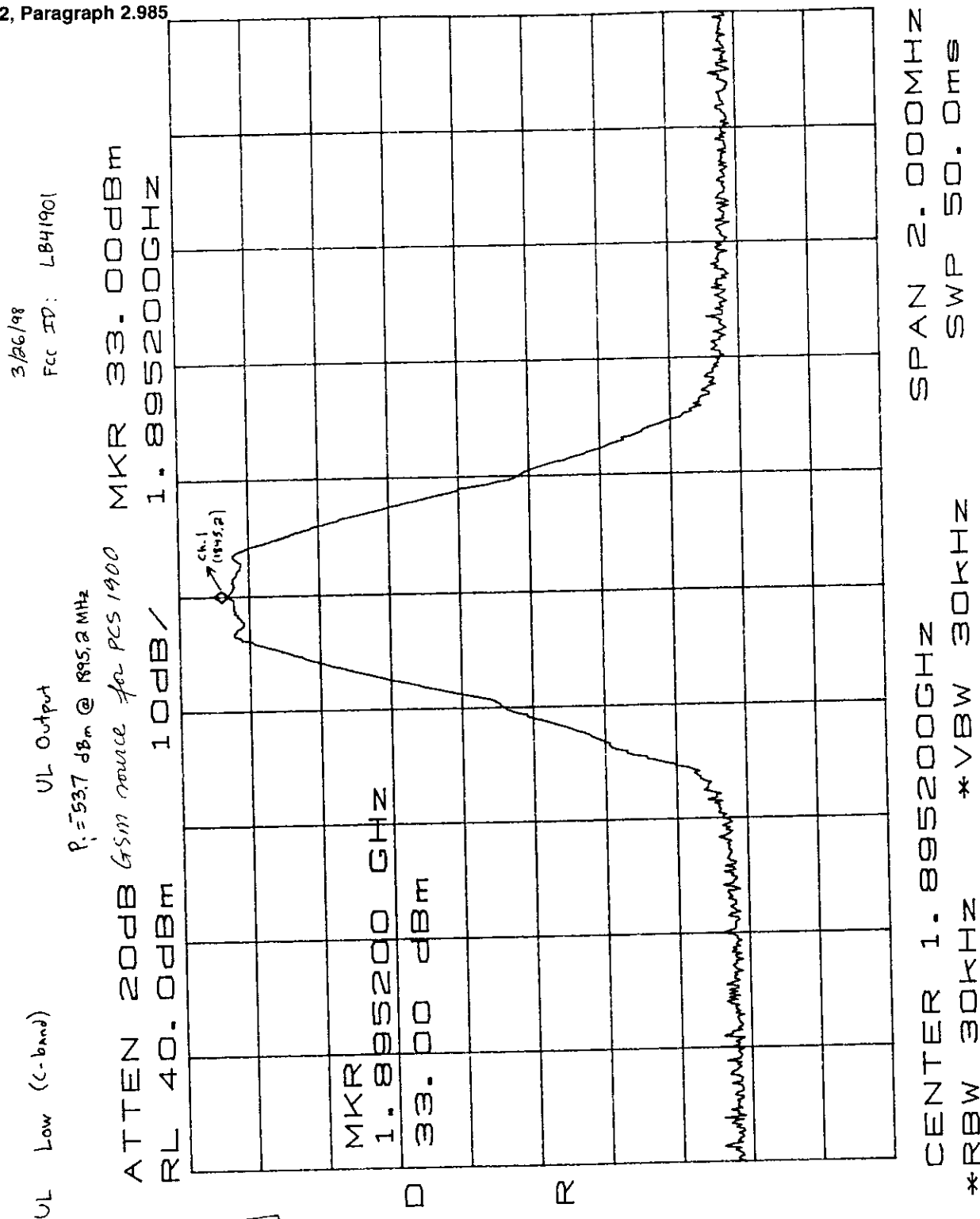
Part 2, Paragraph 2.985



Part 2, Paragraph 2.985

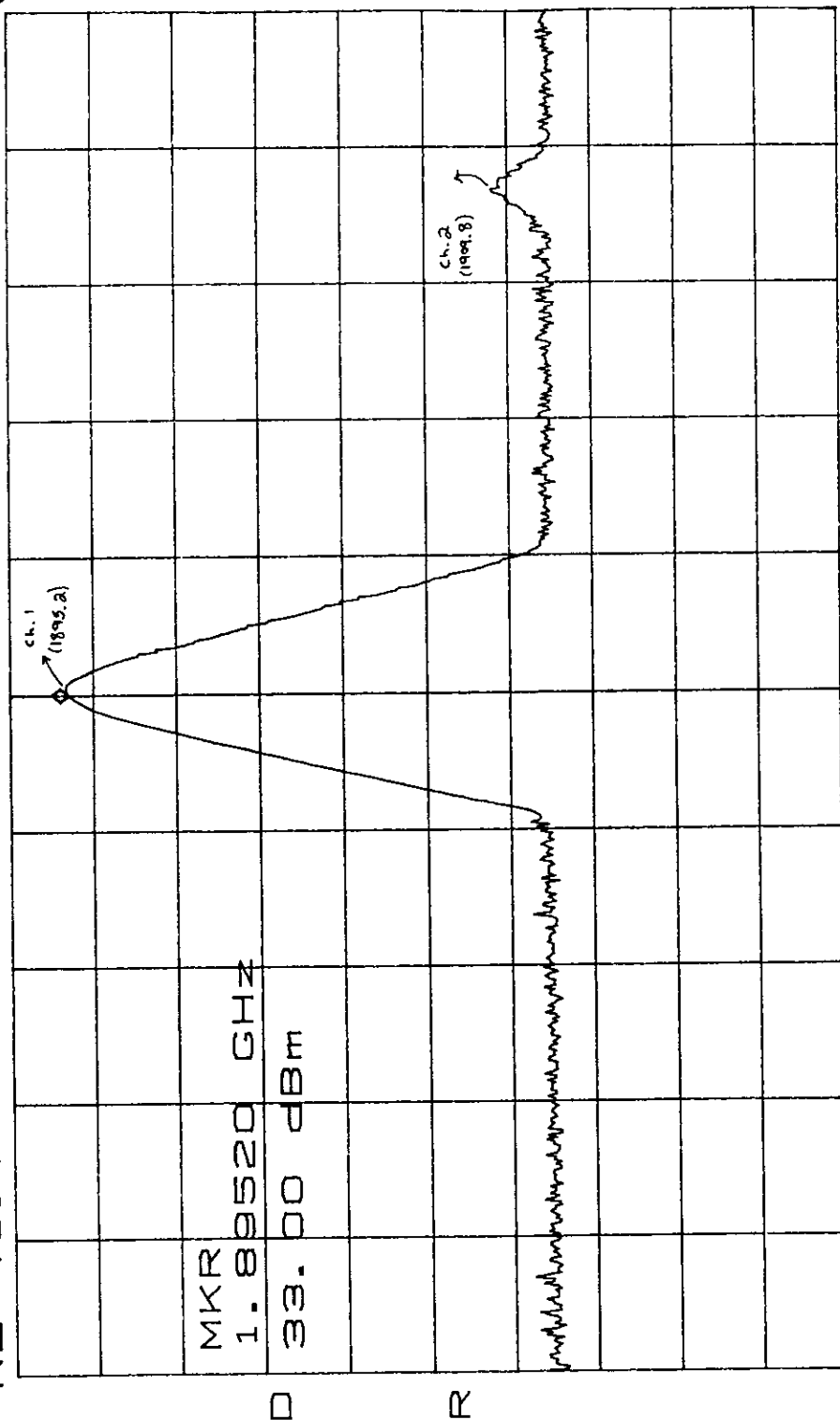


Part 2, Paragraph 2.985



Part 2, Paragraph 2.985

UL Low (C-band) UL Output
 3/26/98 P₁ = -53.7 dBm @ 1895.2 MHz
 FCC ID: LB41901
 ATTN 20dB 10dB/ 1.89520GHz
 RL 40.00dBm 1.89520GHz
 MKR 1.89520 GHz
 33.00 dBm



2.985

Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.985

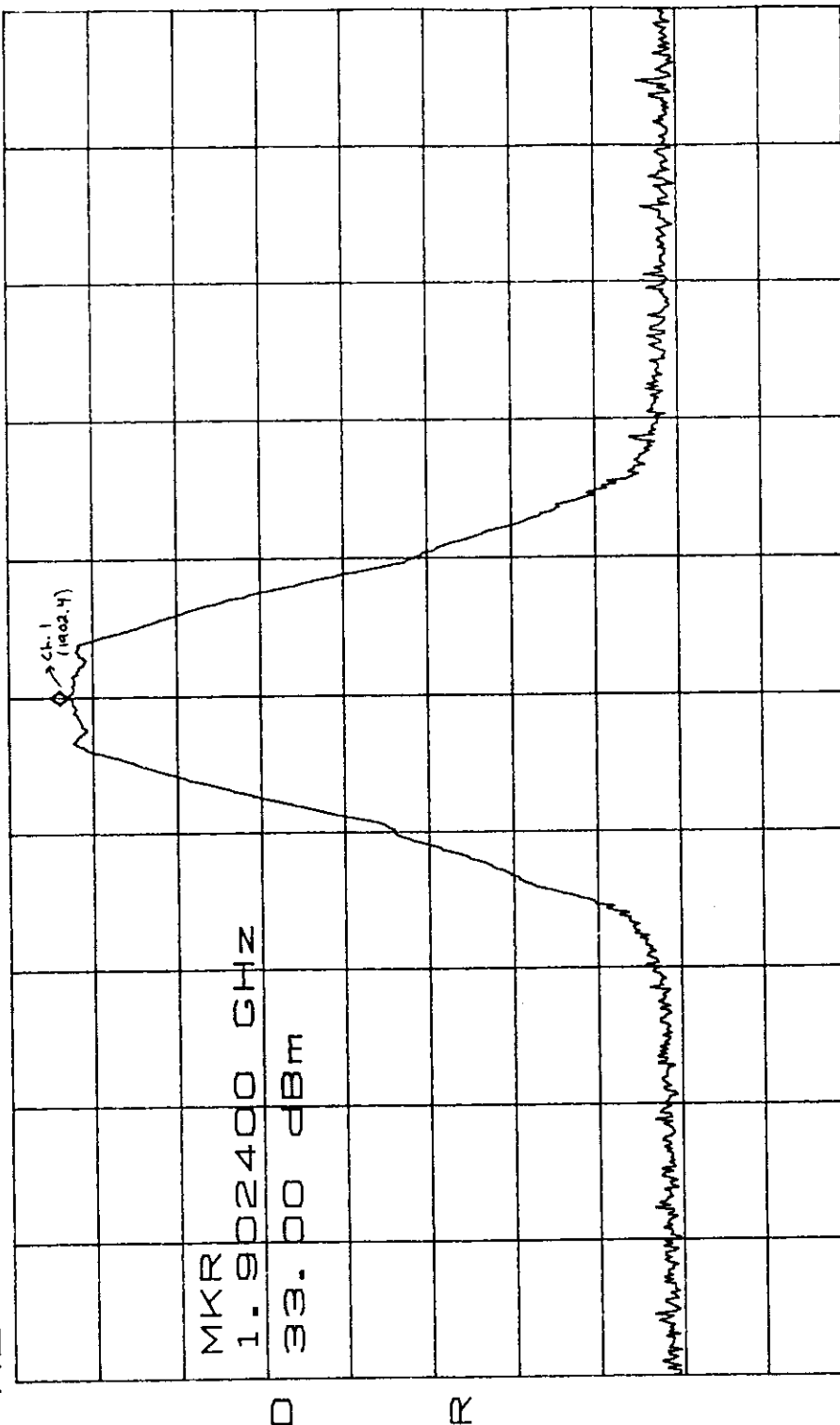
3/26/98
FCC ID: LB41901

UL Mid (C-band)

UL Output

$P_1 = -53.6 \text{ dBm} @ 1902.4 \text{ MHz}$
GSM source for PCS 1900

ATTN 20dB 10dB/ MKR 33.00dBm
RL 40.00dBm 1.902400GHZ

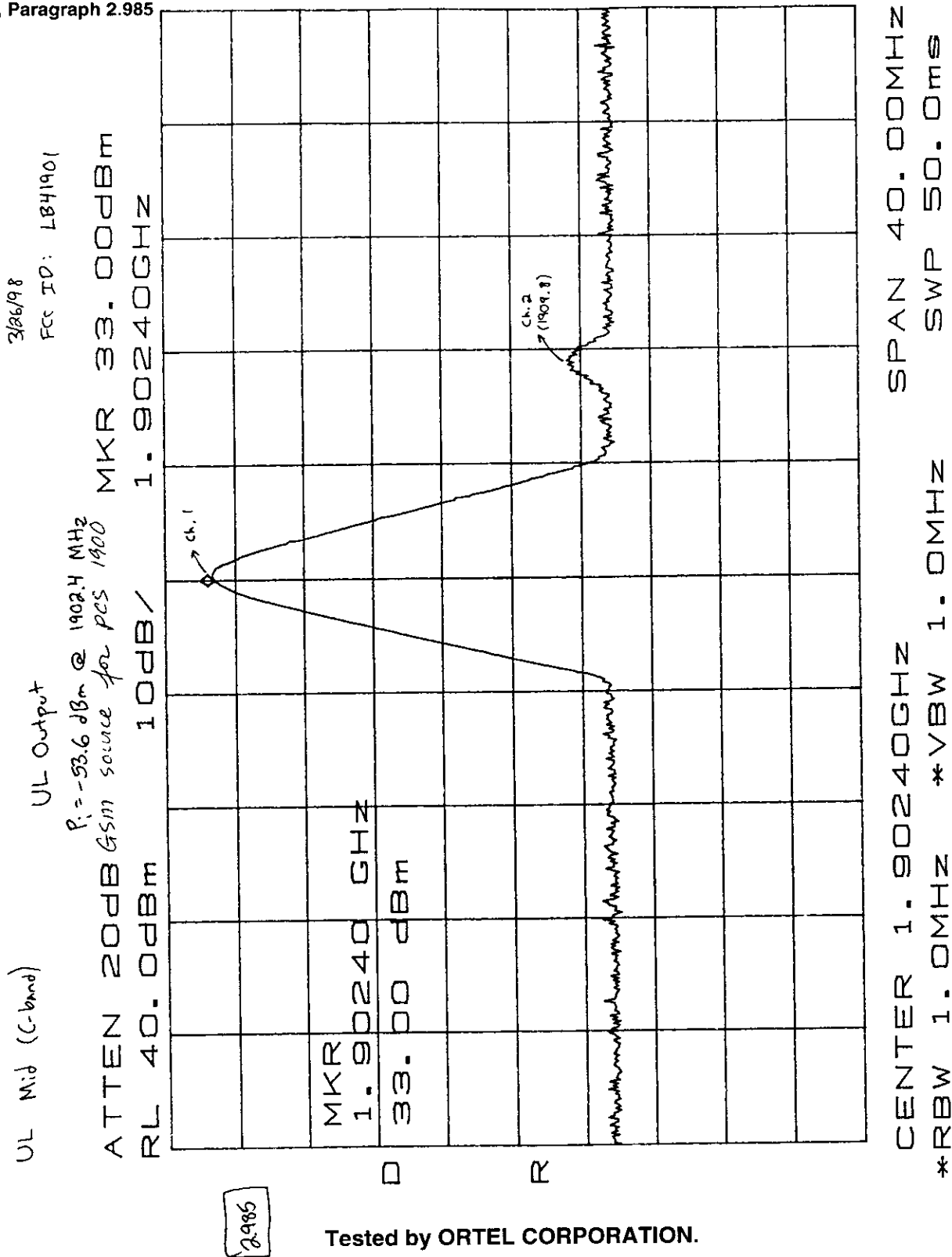


2.985

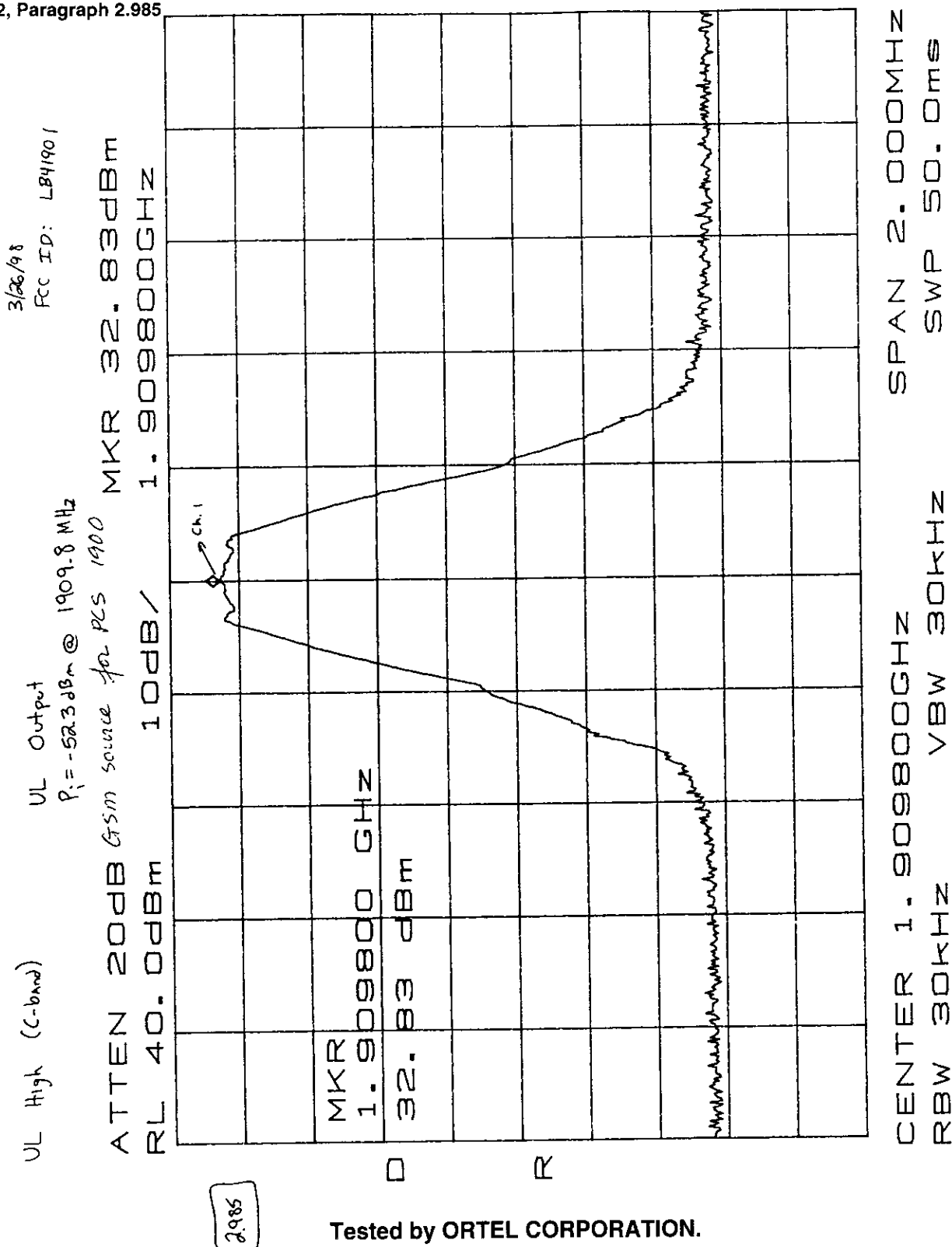
Tested by ORTEL CORPORATION.

CENTER 1.902400GHZ SPAN 2.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

Part 2, Paragraph 2.985



Part 2, Paragraph 2.985



Part 2, Paragraph 2.985

3/26/98
FCC ID: LB41901

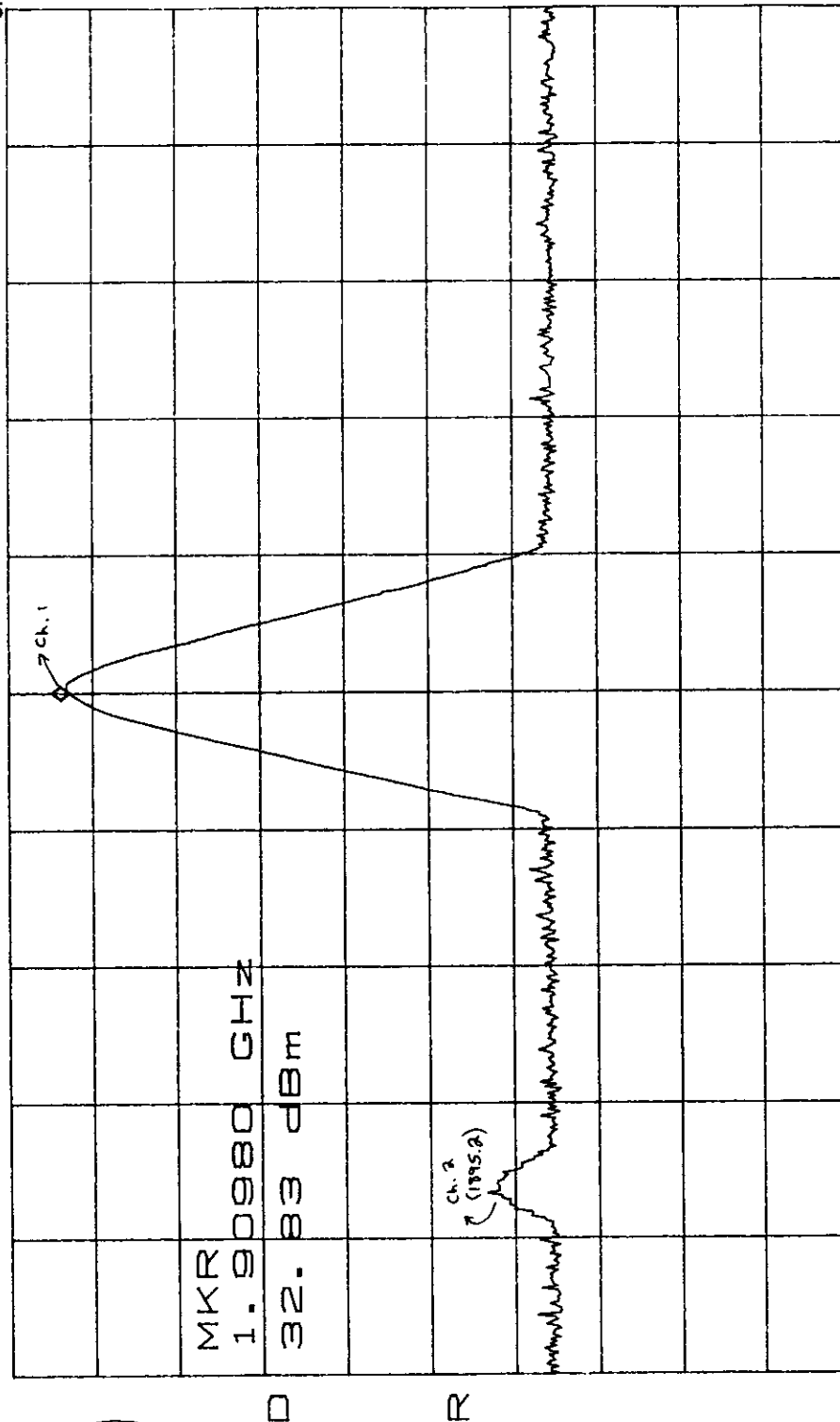
UL High (C-band)

UL Output

$P_1 = -52.3 \text{ dBm}$ @ 1909.8 MHz

ATTEN 20dB GSM source for PCS 1900 MKR 32.83dBm

RL 40.0dBm 10dB/ 1.90980GHz



2.985

Tested by ORTEL CORPORATION.

SPAN 40.00MHz

SWP 50.0ms

CENTER 1.90980GHz

*RBW 1.0MHz *VBW 1.0MHz

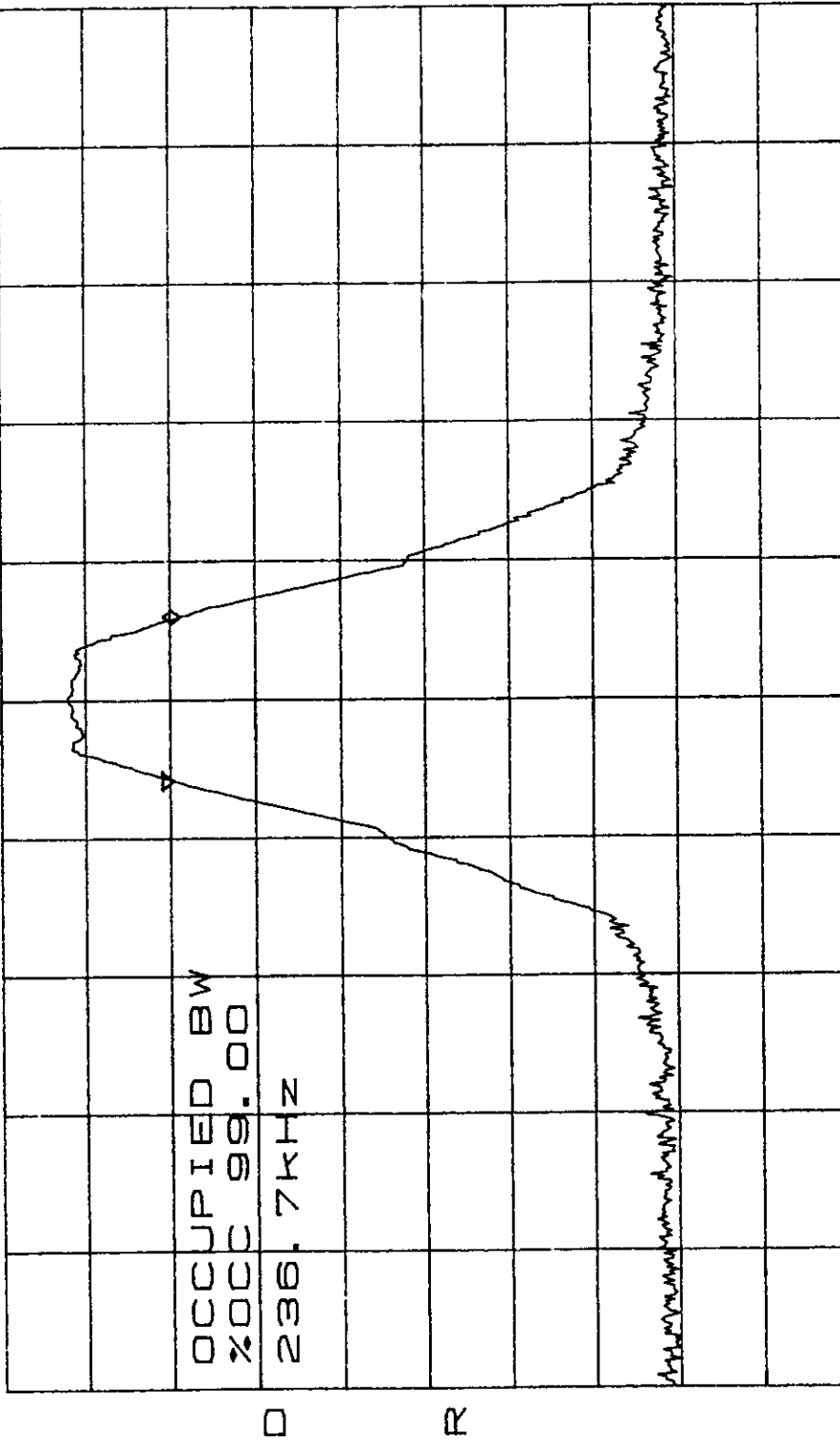
Part 2, Paragraph 2.989

3/27/98
FCC ID: LB41901

Occupied BW
Max Hold

DL Low (C-band)

ATTEN 20dB GSM source for PCS 1900 ΔMKR - .84dB
RL 40.0dBm 10dB/ 237kHz



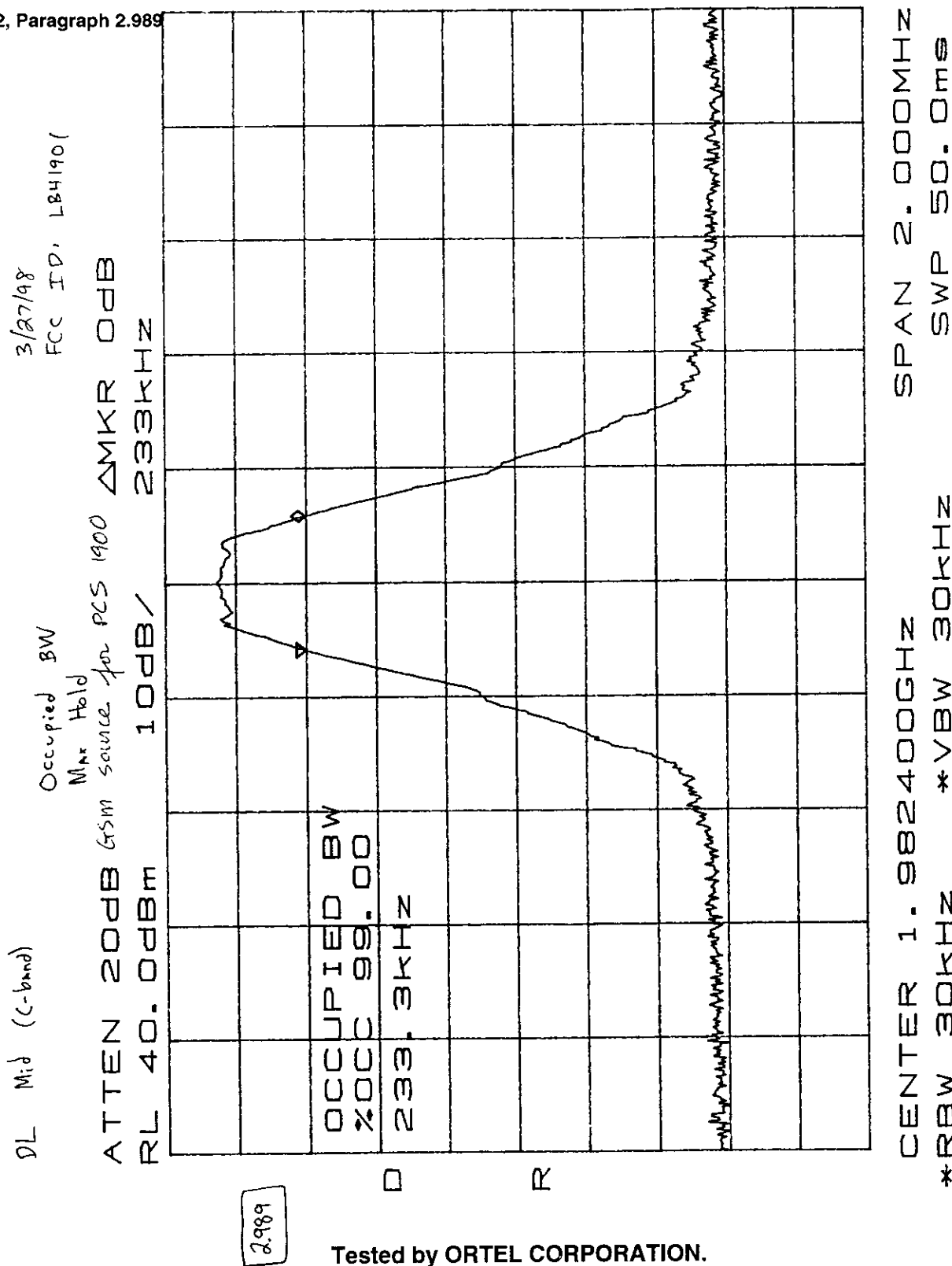
SPAN 2.000MHz
SWP 50.0ms

CENTER 1.975200GHz
*RBW 30kHz *VBW 30kHz

2.989

Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.989



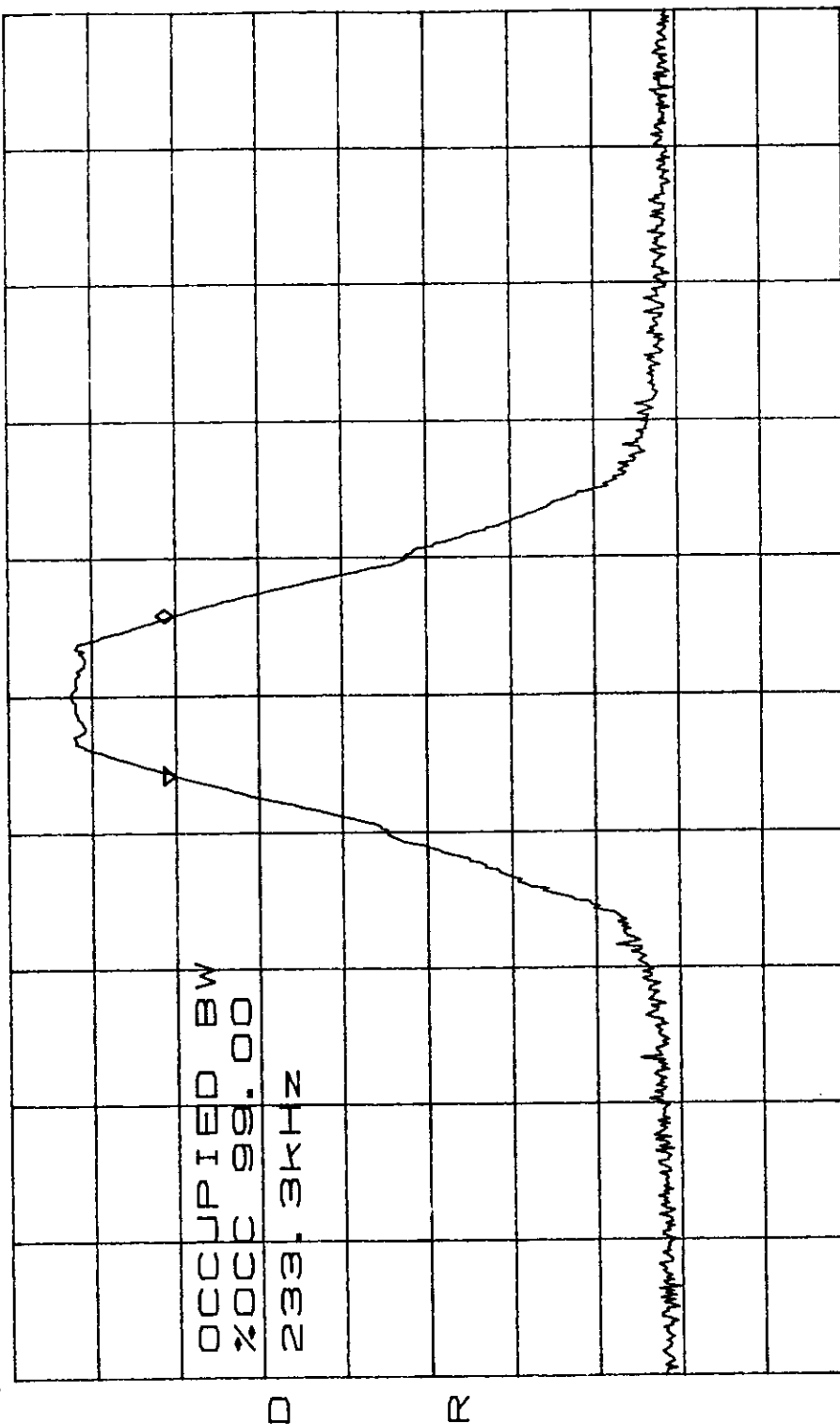
Part 2, Paragraph 2.989

3/27/98
FCC ID: LB41901

PL High (C-band)

Occupied BW
Max Hold

ATTEN 20dB GSM source for PCS 1900 Δ MKR . 16dB
RL 40.0dBm 10dB/ 233kHz



2.989

Tested by ORTEL CORPORATION.

CENTER 1.989800GHZ SPAN 2.000MHZ
*RBW 30kHz *VBW 30kHz SWP 50.0ms

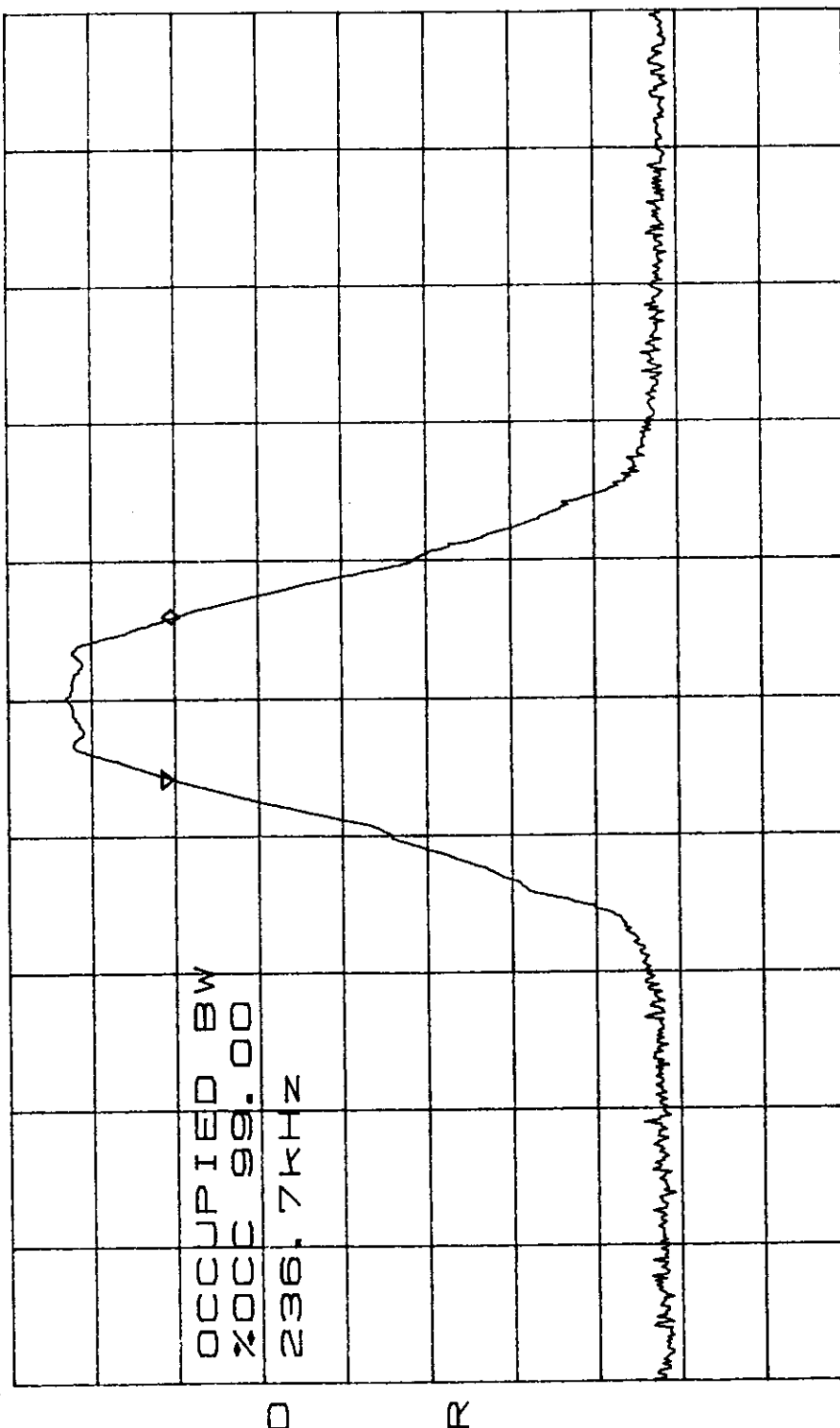
Part 2, Paragraph 2.989

3/27/98
FCC ID: LB41901

Occupied BW
M_{ax} Held

UL Low (C-band)

ATTEN 20dB GSM source for PCS 1900 ΔMKR - .83dB
RL 40.0dBm 10dB/ 237kHz



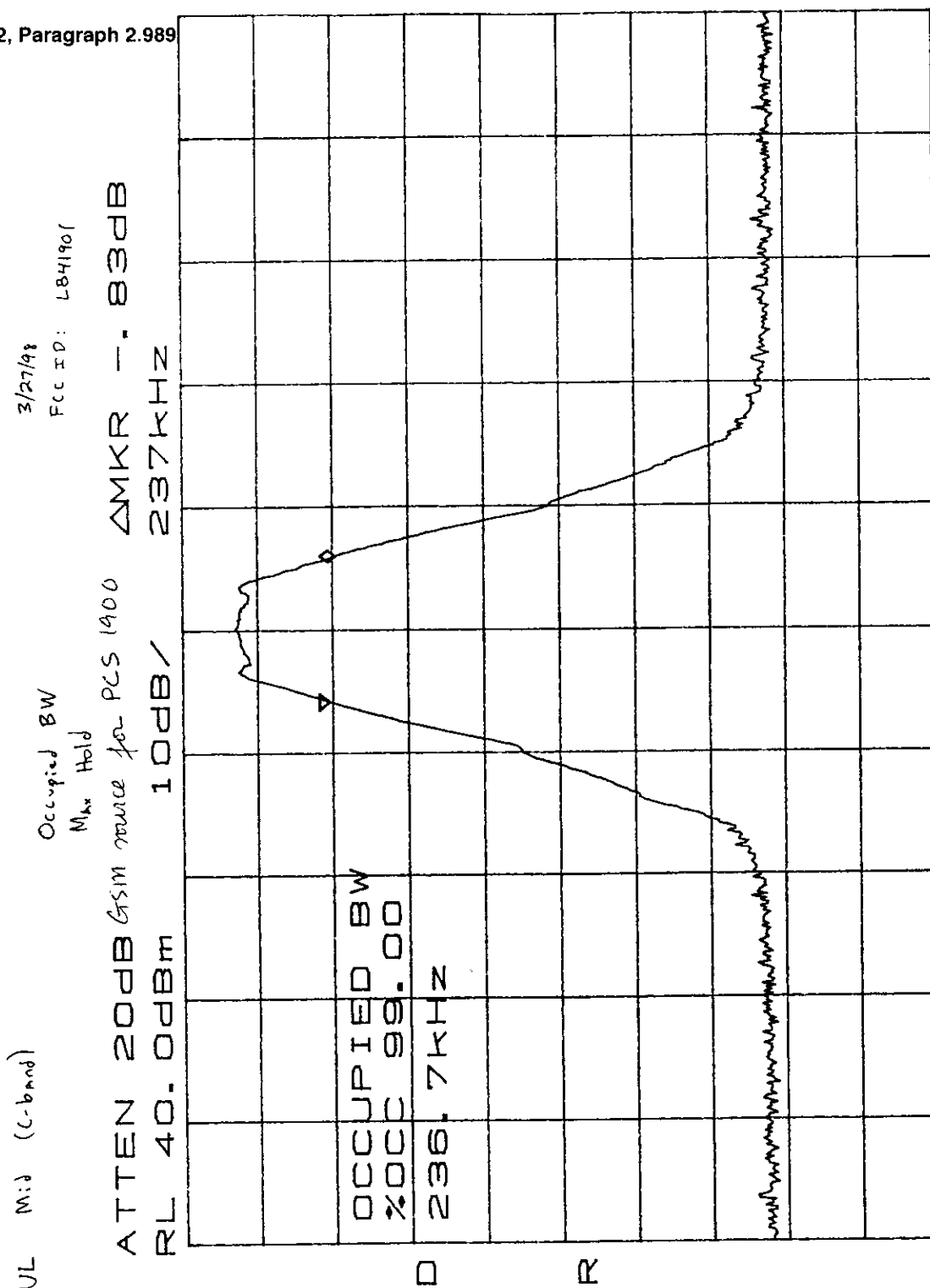
2.989

OCCUPIED BW
%OCC 99.00
236.7 kHz

CENTER 1.895200GHZ SPAN 2.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.989



CENTER 1.902400GHZ SPAN 2.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

Tested by ORTEL CORPORATION.

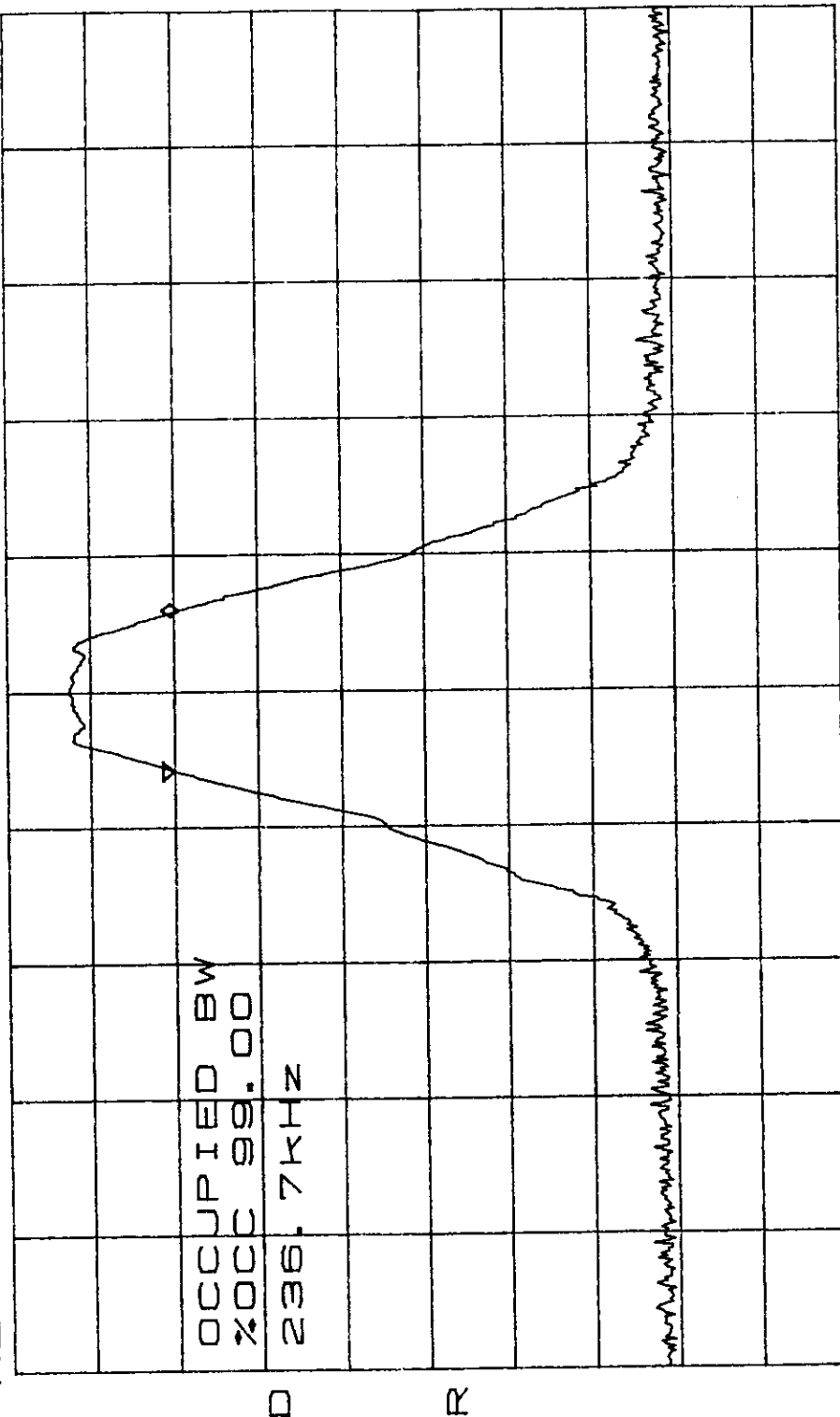
Part 2, Paragraph 2.989

3/27/98
FCC ID: LB41901

Occupied BW
Max Hold

UL High (C-band)

ATTEN 20dB Gsm source for PCS1900 ΔMKR - .67dB
RL 40.0dBm 10dB/ 237kHz



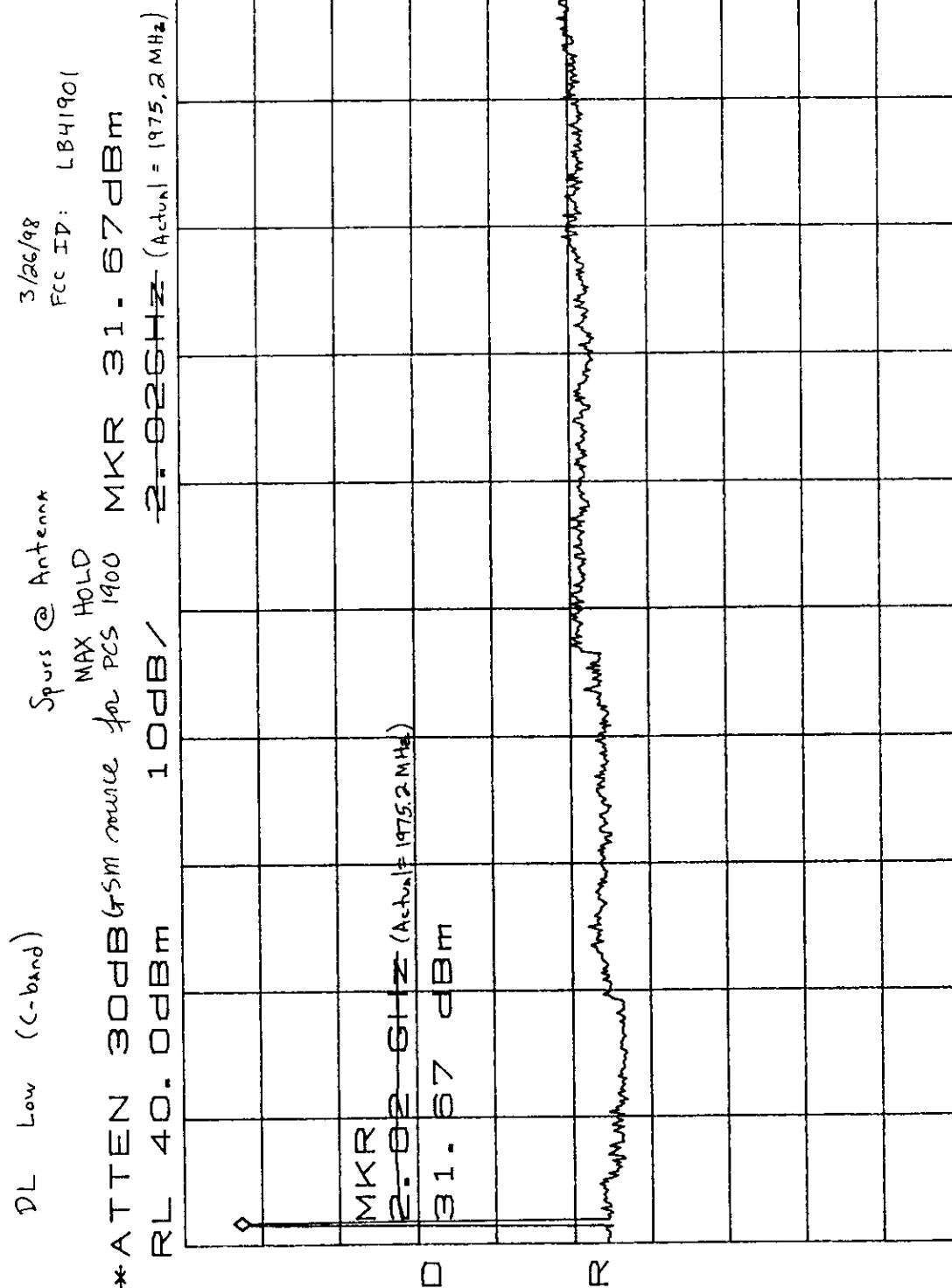
2.989

Tested by ORTEL CORPORATION.

SPAN 2.000MHz
SWP 50.0ms

CENTER 1.909800GHz
*RBW 30kHz *VBW 30kHz

Part 2, Paragraph 2.991

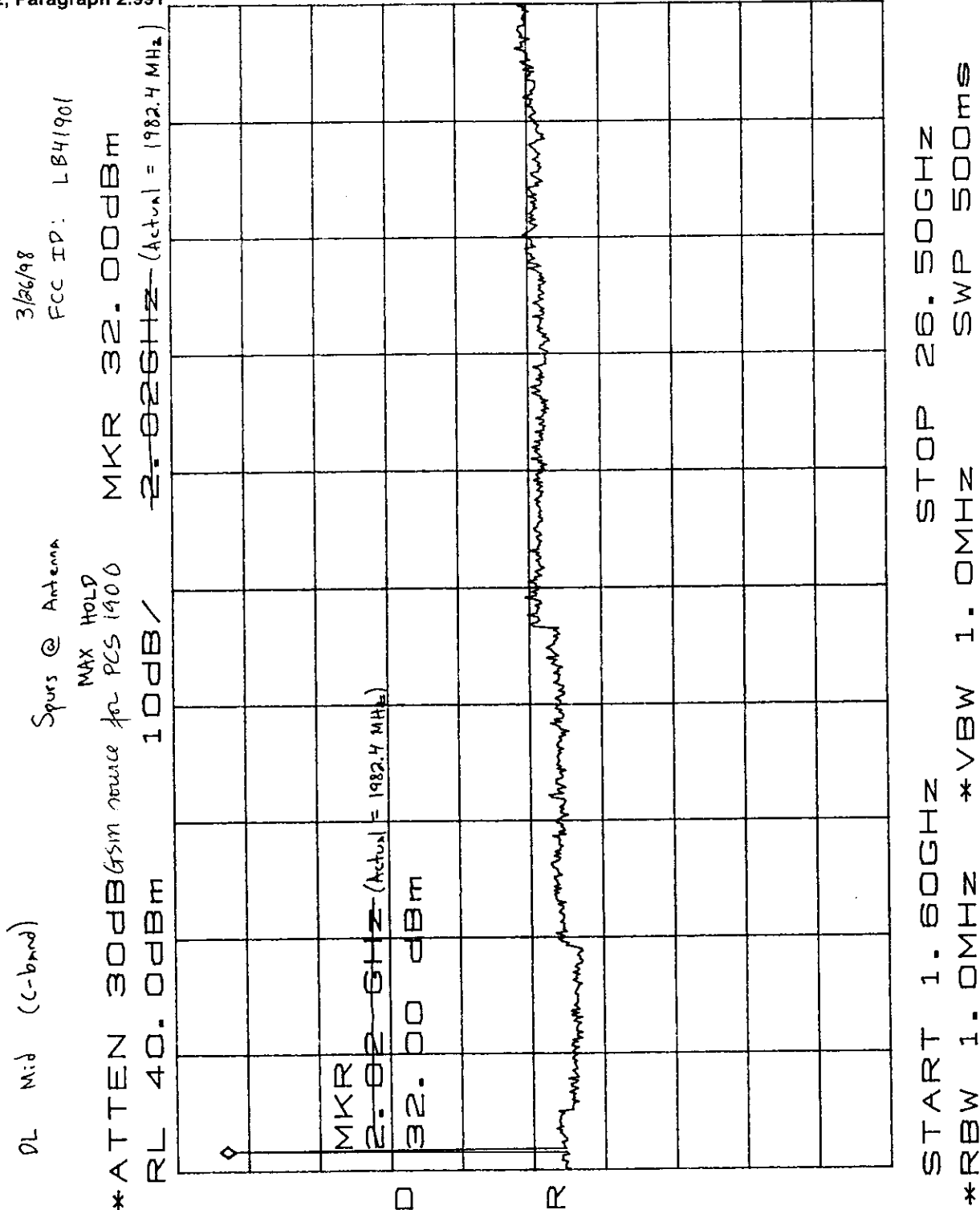


START 1.60 GHz STOP 26.50 GHz
*RBW 1.0 MHz *VBW 1.0 MHz SWP 500ms

2.991

Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.991

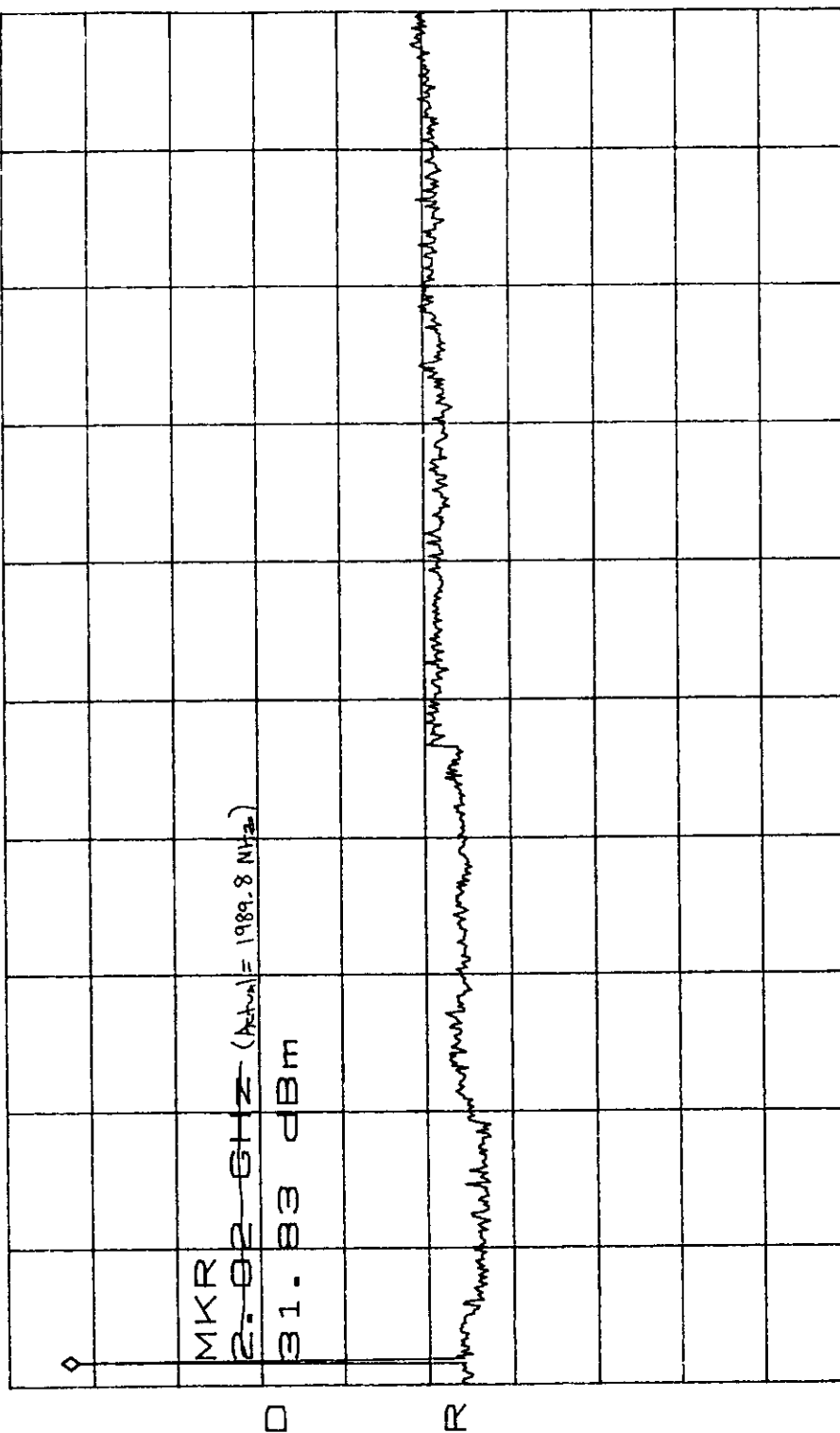


2091

Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.991

DL High (C-band) Spurs @ Antenna
3/26/98 FCC ID: LB41901
MAX HOLD
*ATTEN 30dB GSM source for PCS 1900 MKR 31.83dBm
RL 40.0dBm 10dB/ ~~2.02GHz~~ (Actual = 1989.8 MHz)

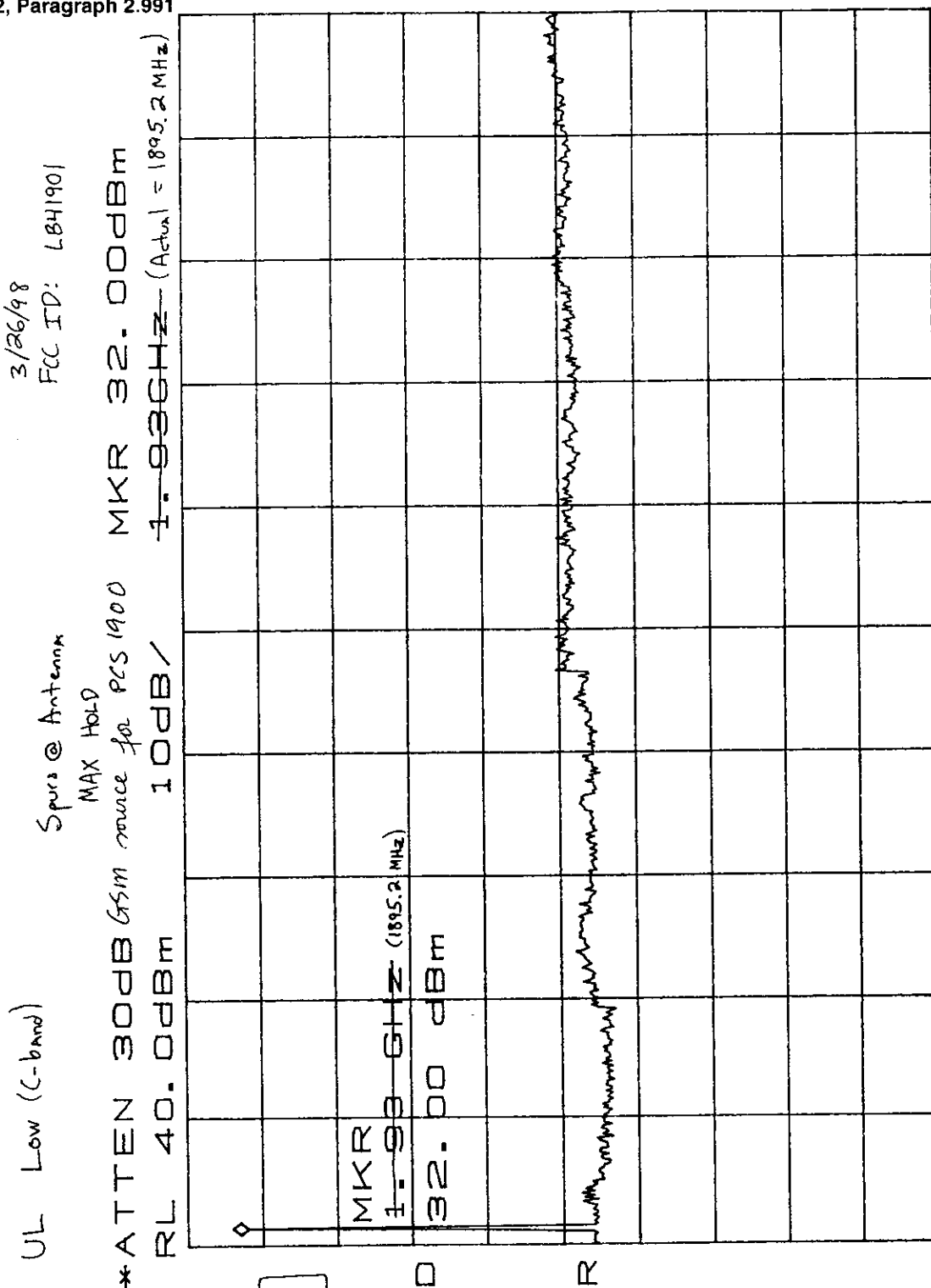


START 1.60GHz STOP 26.50GHz
*RBW 1.0MHz *VBW 1.0MHz SWP 500ms

2.991

Tested by ORTEL CORPORATION.

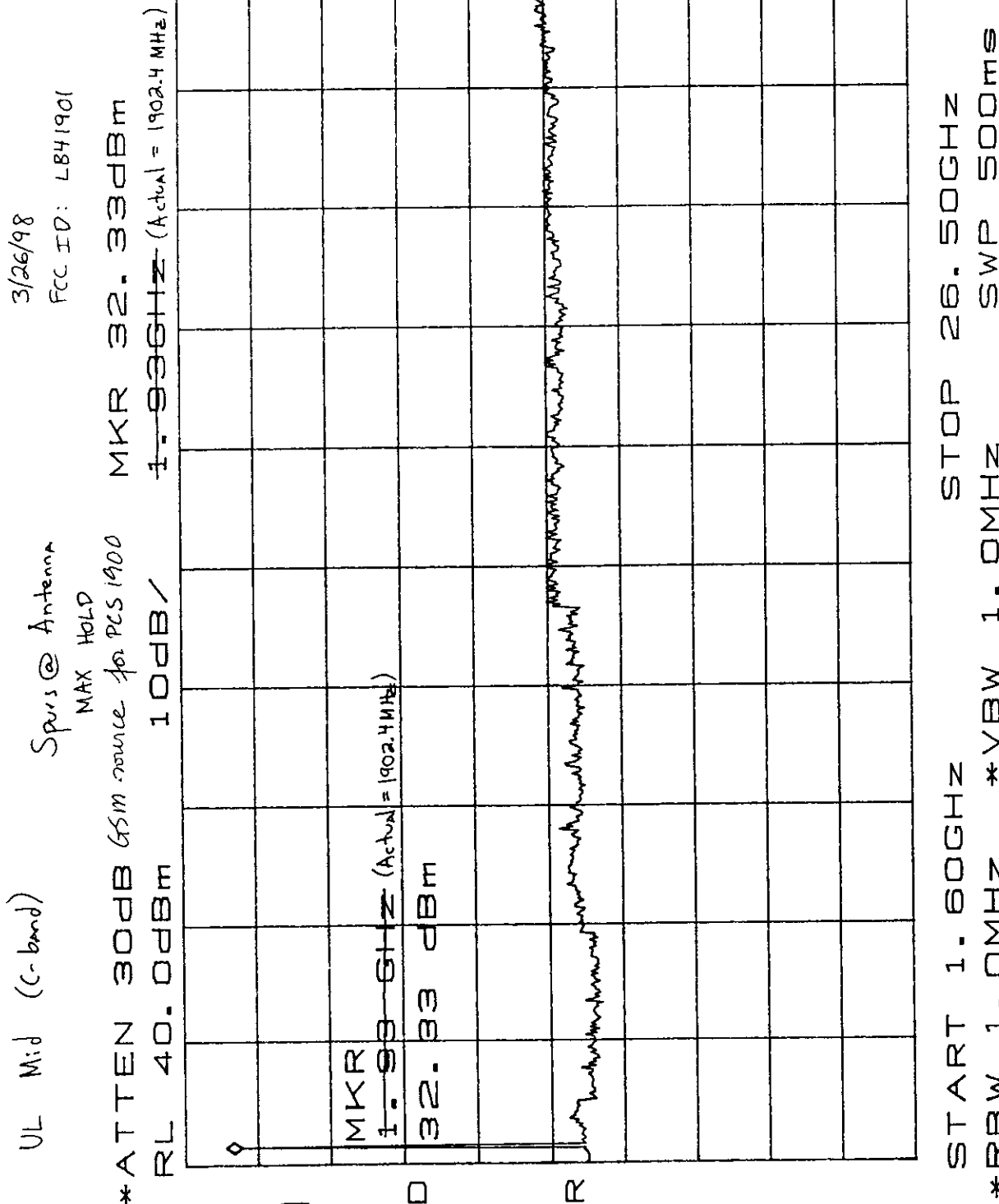
Part 2, Paragraph 2.991



Tested by ORTEL CORPORATION.

START 1.60GHz STOP 26.50GHz
*RBW 1.0MHz *VBW 1.0MHz SWP 500ms

Part 2, Paragraph 2.991

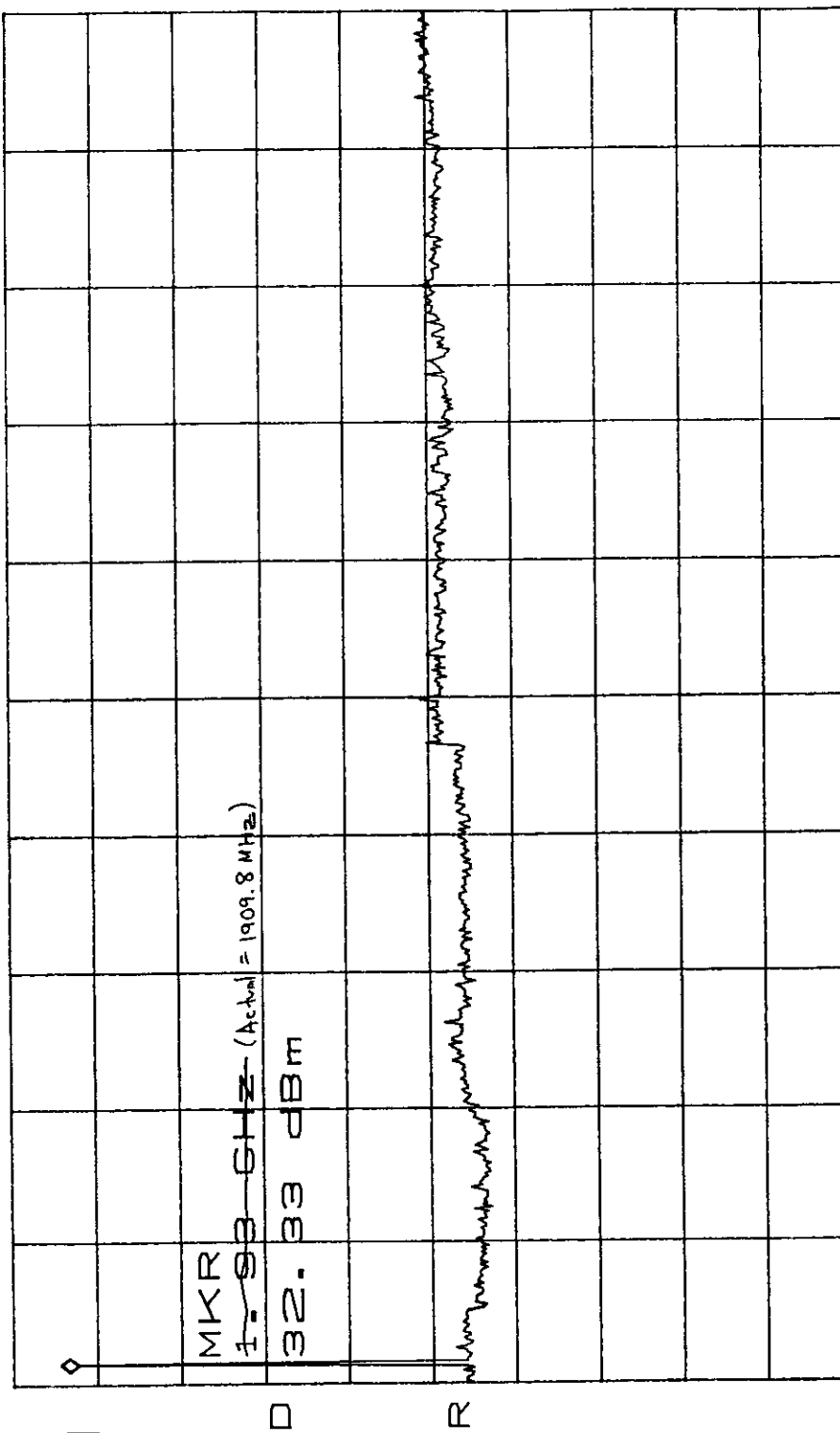


2991

Tested by ORTEL CORPORATION.

Part 2, Paragraph 2.991

UL High (C-band) Spurs @ Antenna
3/26/98 FCC ID: LB41901
*ATTEN 30dB GSM source MAX HOLD MKR 32.33dBm
RL 40.0dBm 10dB/ ~~1.93GHz~~ (Actual = 1909.8 MHz)

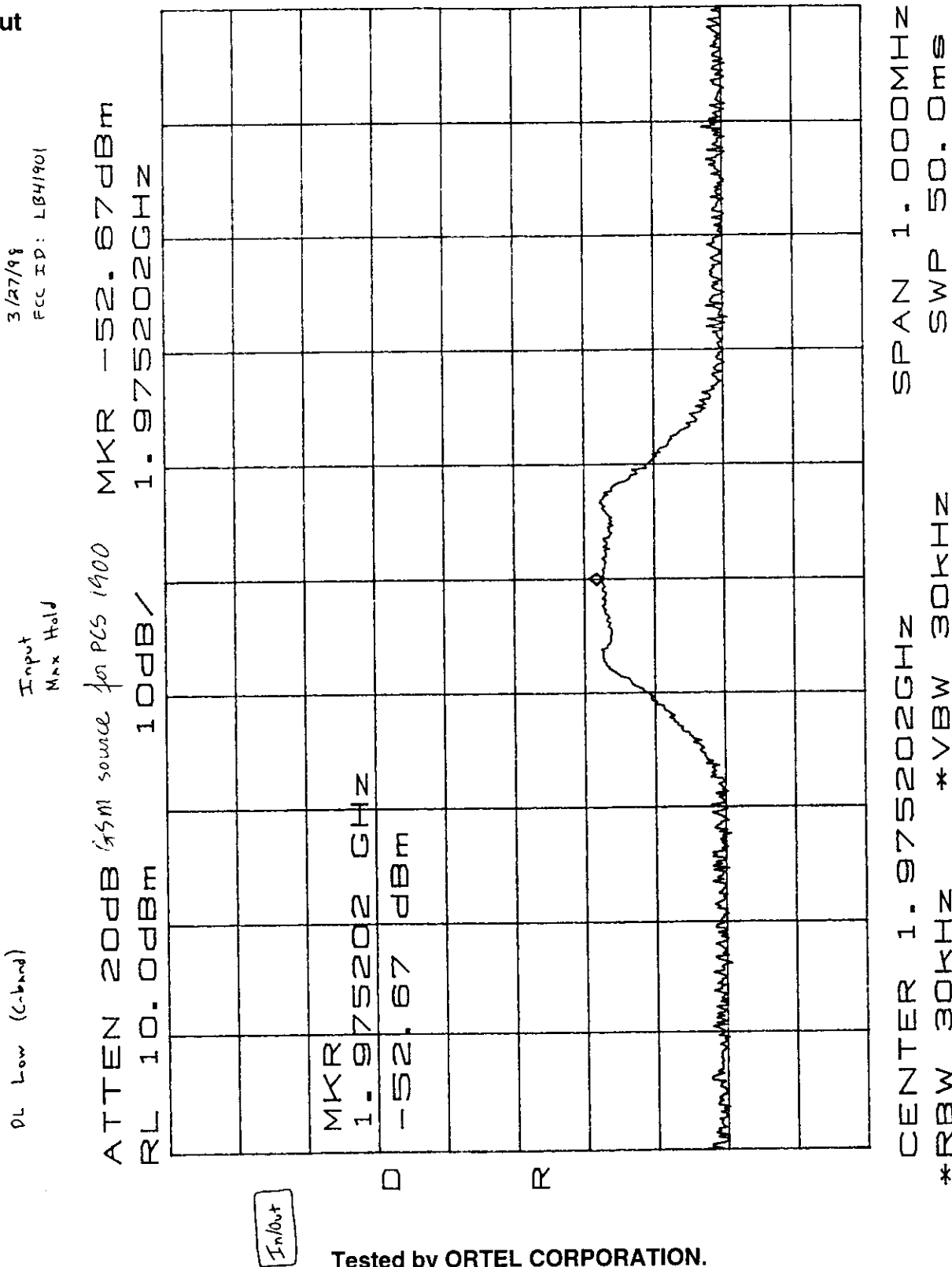


2.991

Tested by ORTEL CORPORATION.

START 1.60GHz STOP 26.50GHz
*RBW 1.0MHz *VBW 1.0MHz SWP 500ms

In/Out

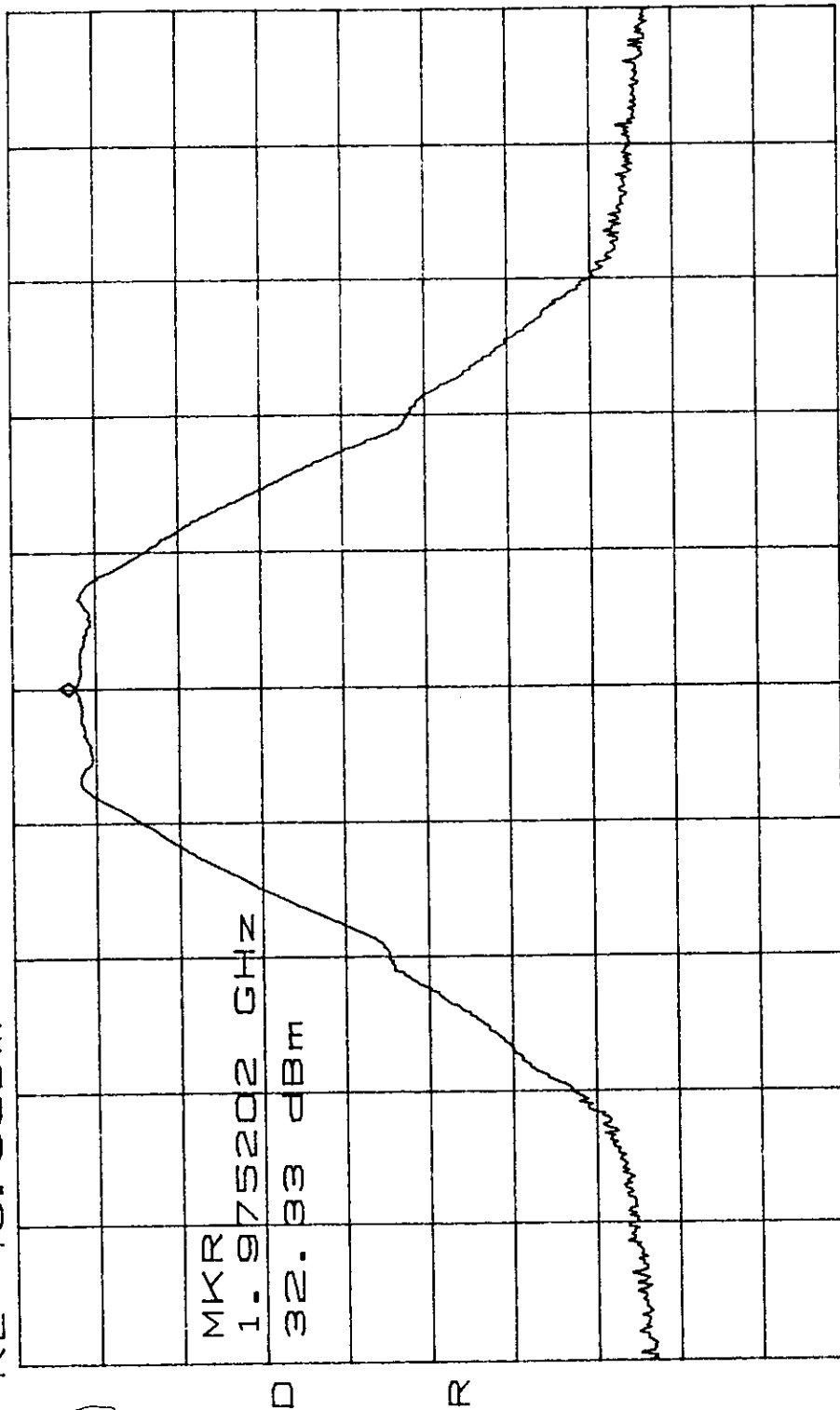


Tested by ORTEL CORPORATION.

In/Out

DL Low (C-band)
3/27/98
FCC ID: LB41901
Output
MAX HOLD

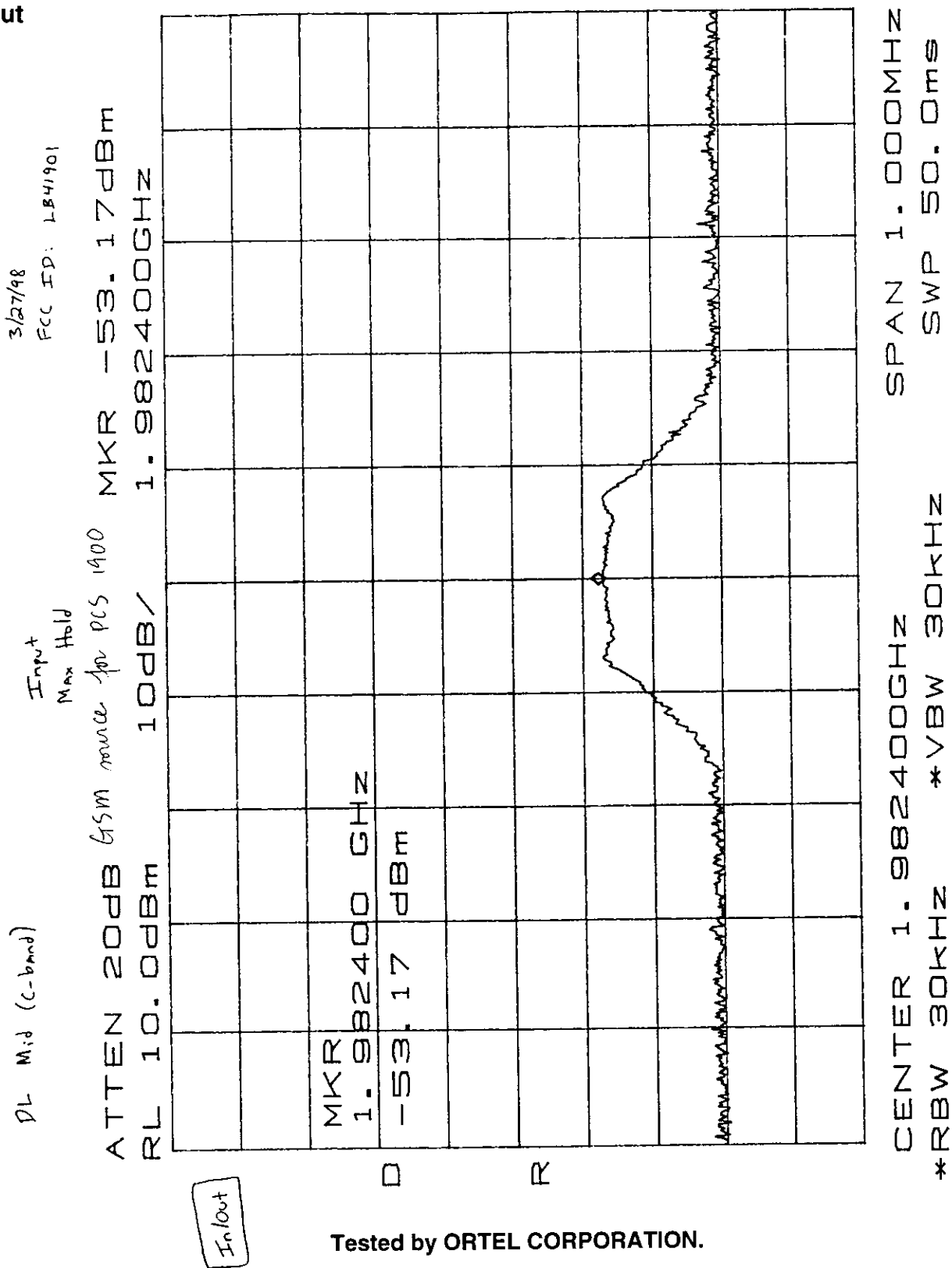
ATTEN 20dB GSM source for PCS 1900 MKR 32.33dBm
RL 40.0dBm 10dB/ 1.975202GHz



CENTER 1.975202GHz
*RBW 30kHz *VBW 30kHz
SPAN 1.000MHz SWP 50.0ms

Tested by ORTEL CORPORATION.

In/Out



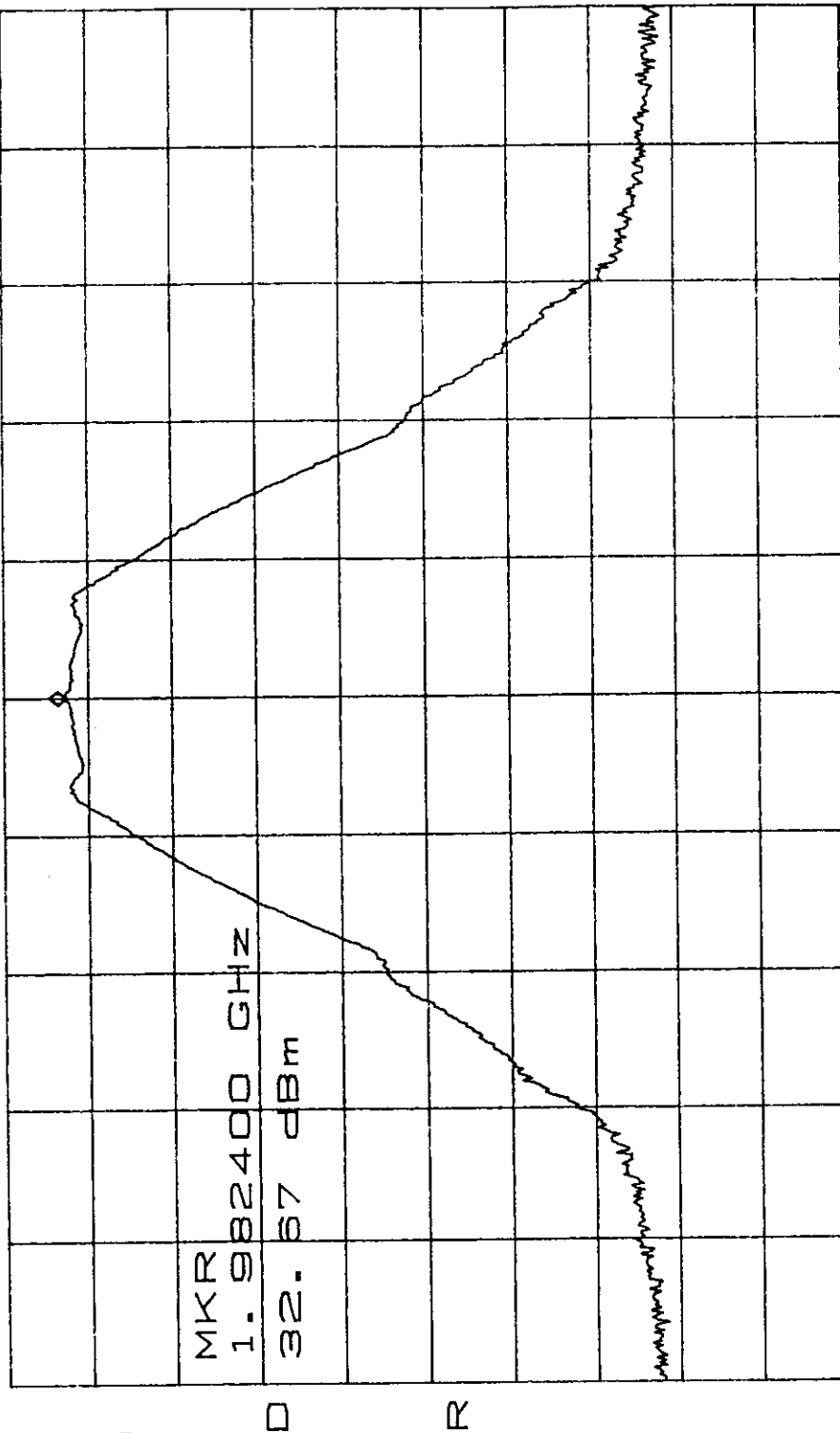
In/Out

3/27/98
FCC ID: LB41901

Output
Max Hold

DL Mid (C-band)

ATTEN 20dB GSM source for PCS 1900 MKR 32.67dBm
RL 40.0dBm 10dB/ 1.982400GHZ



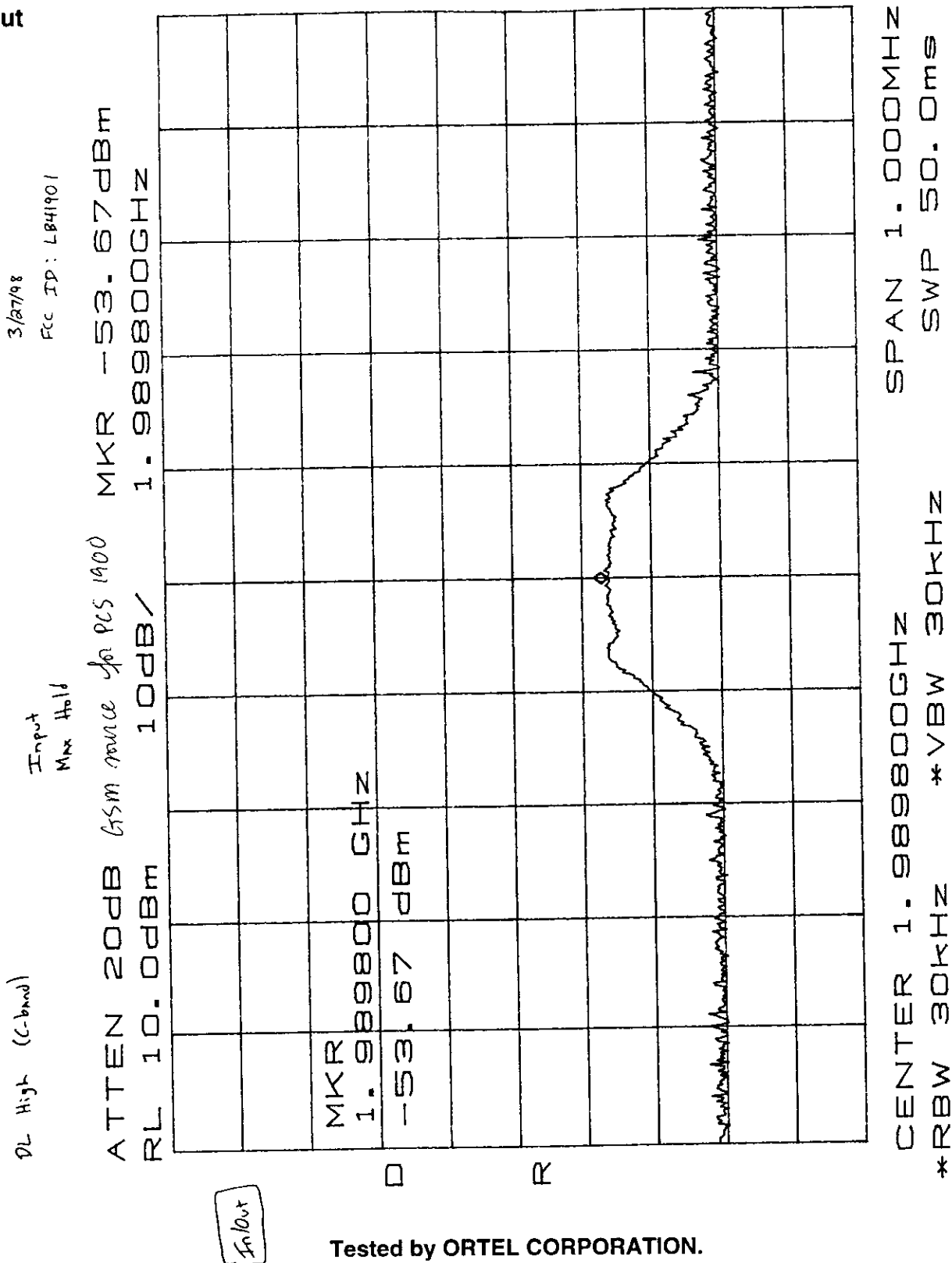
SPAN 1.000MHZ
SWP 50.0ms

CENTER 1.982400GHZ
*RBW 30KHZ *VBW 30KHZ

In/Out

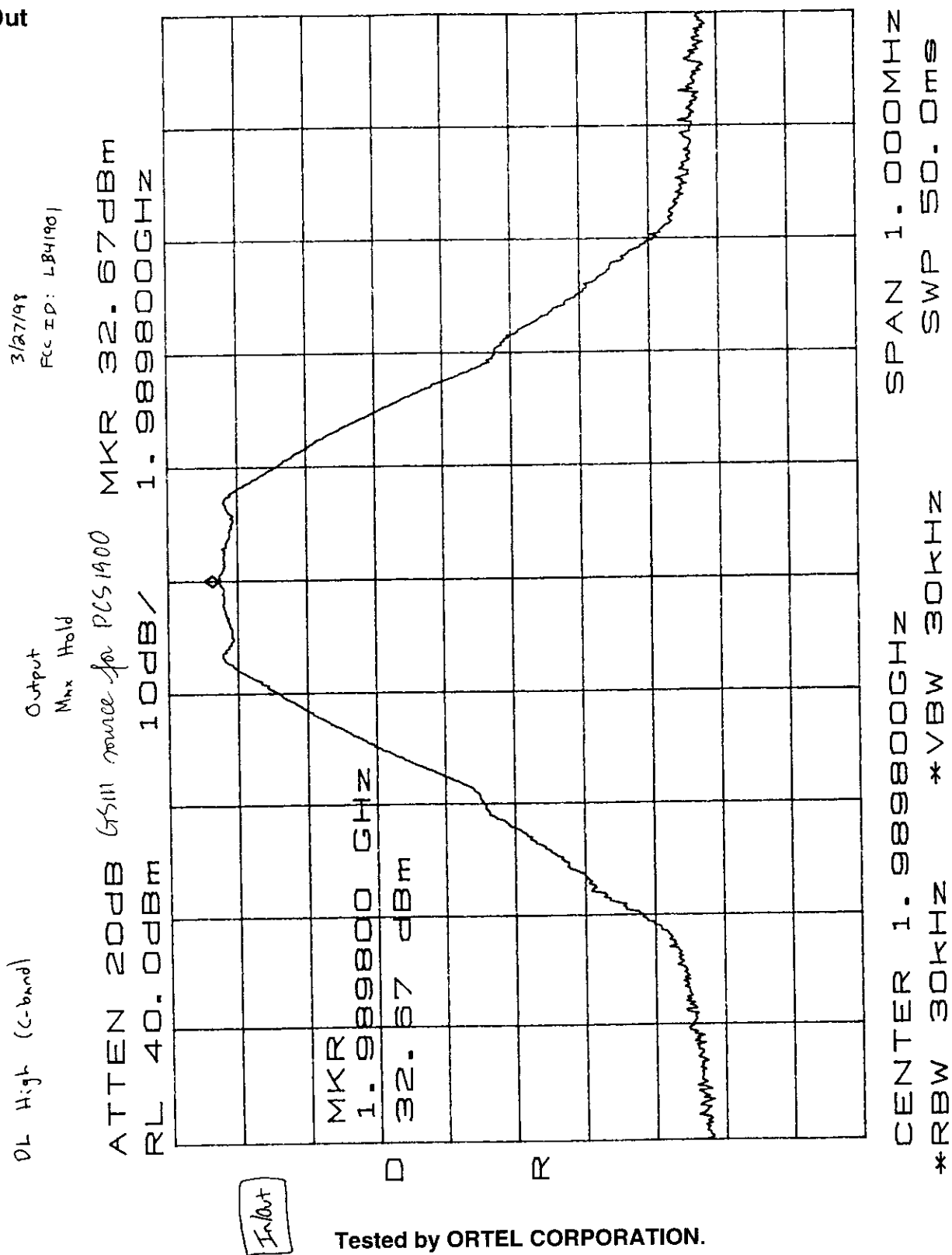
Tested by ORTEL CORPORATION.

In/Out

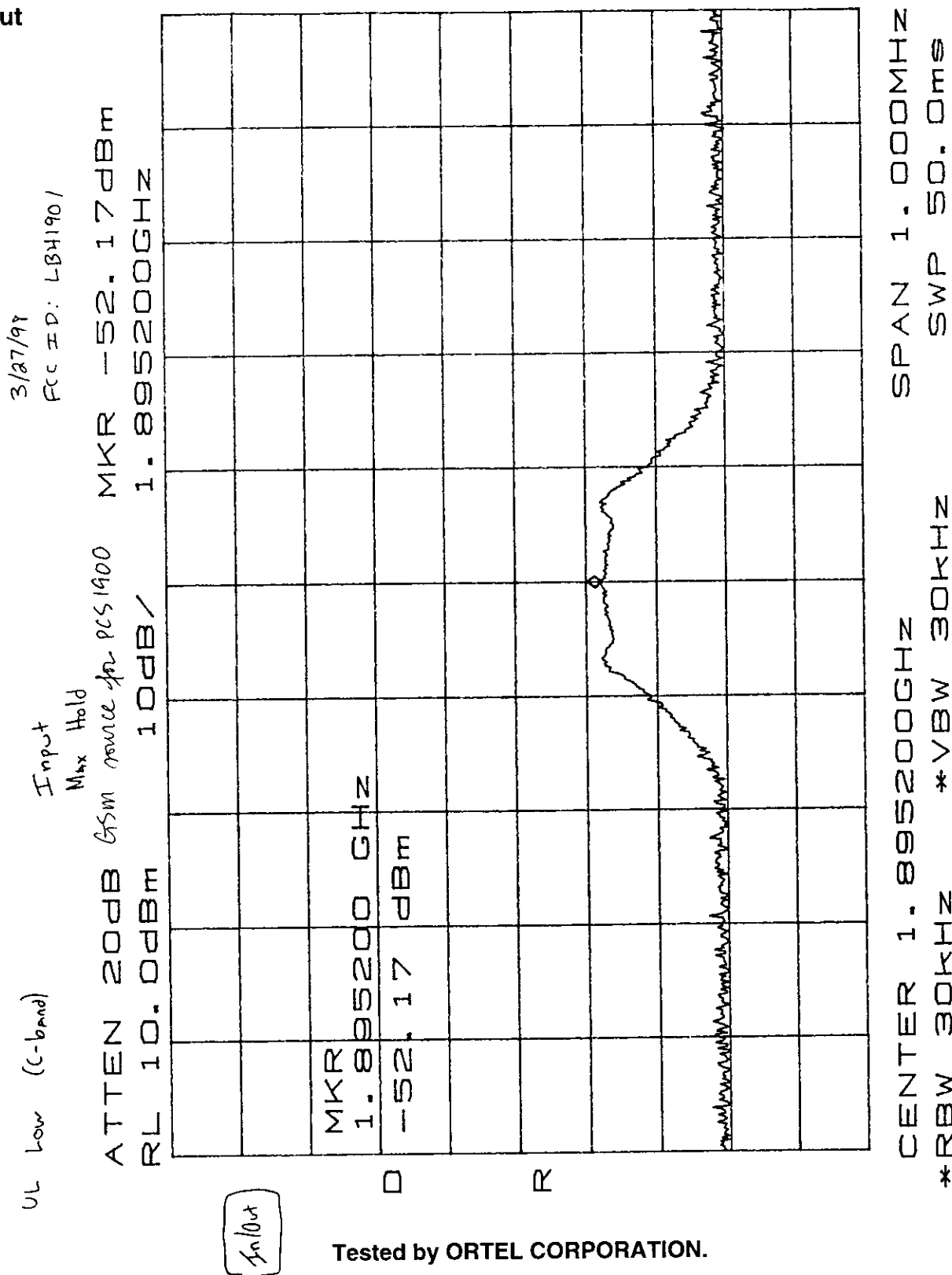


Tested by ORTEL CORPORATION.

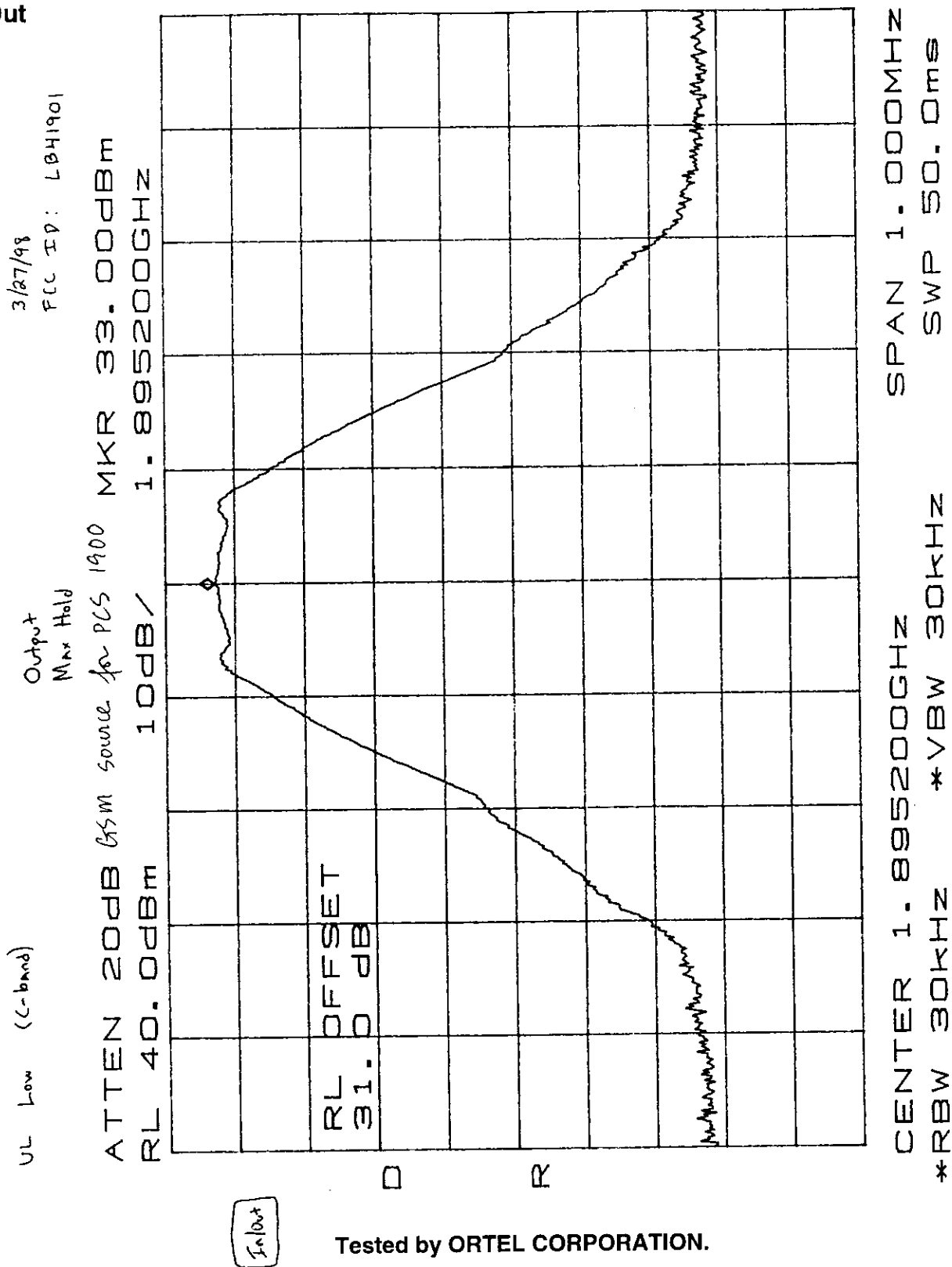
In/Out



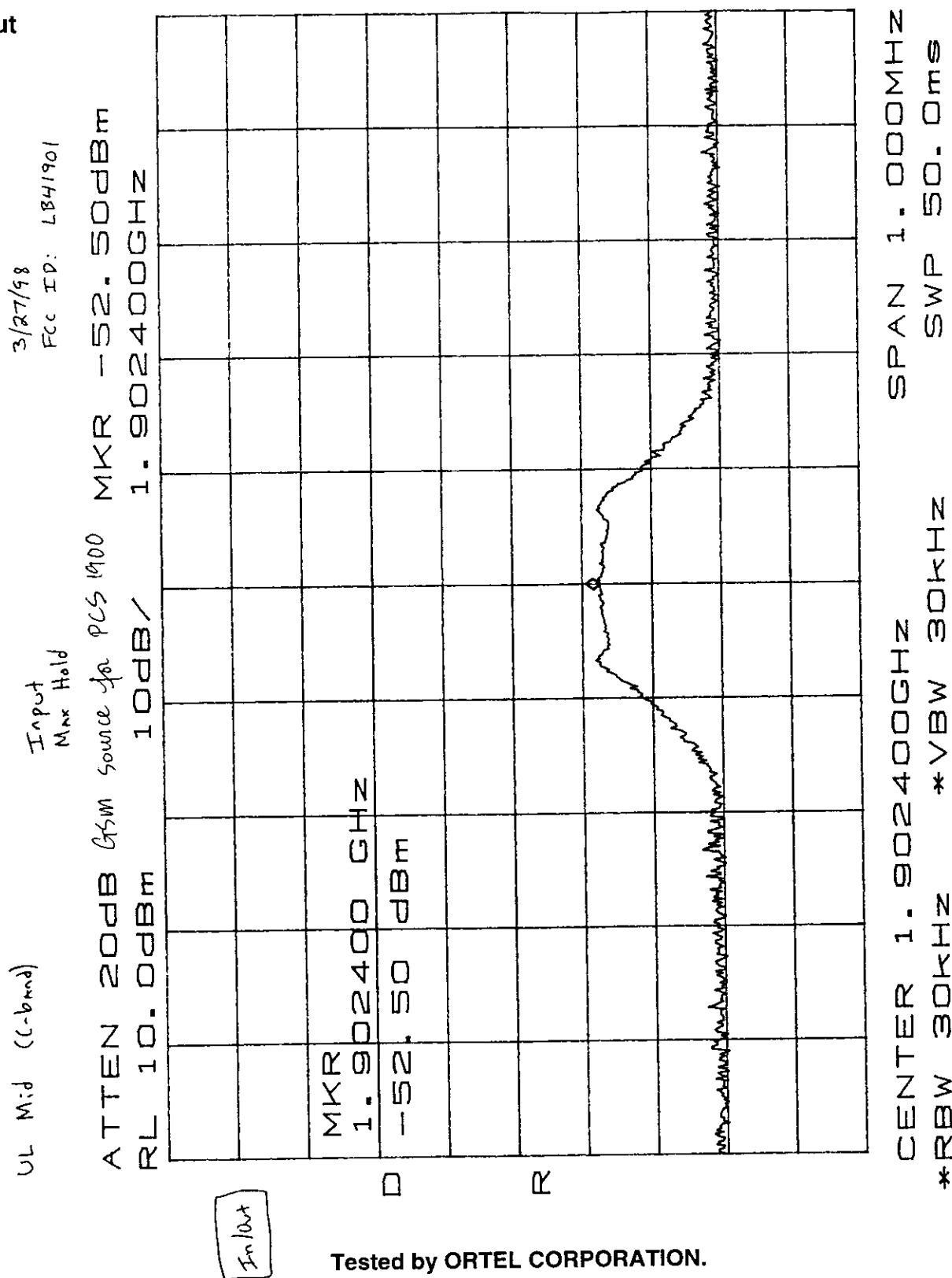
In/Out



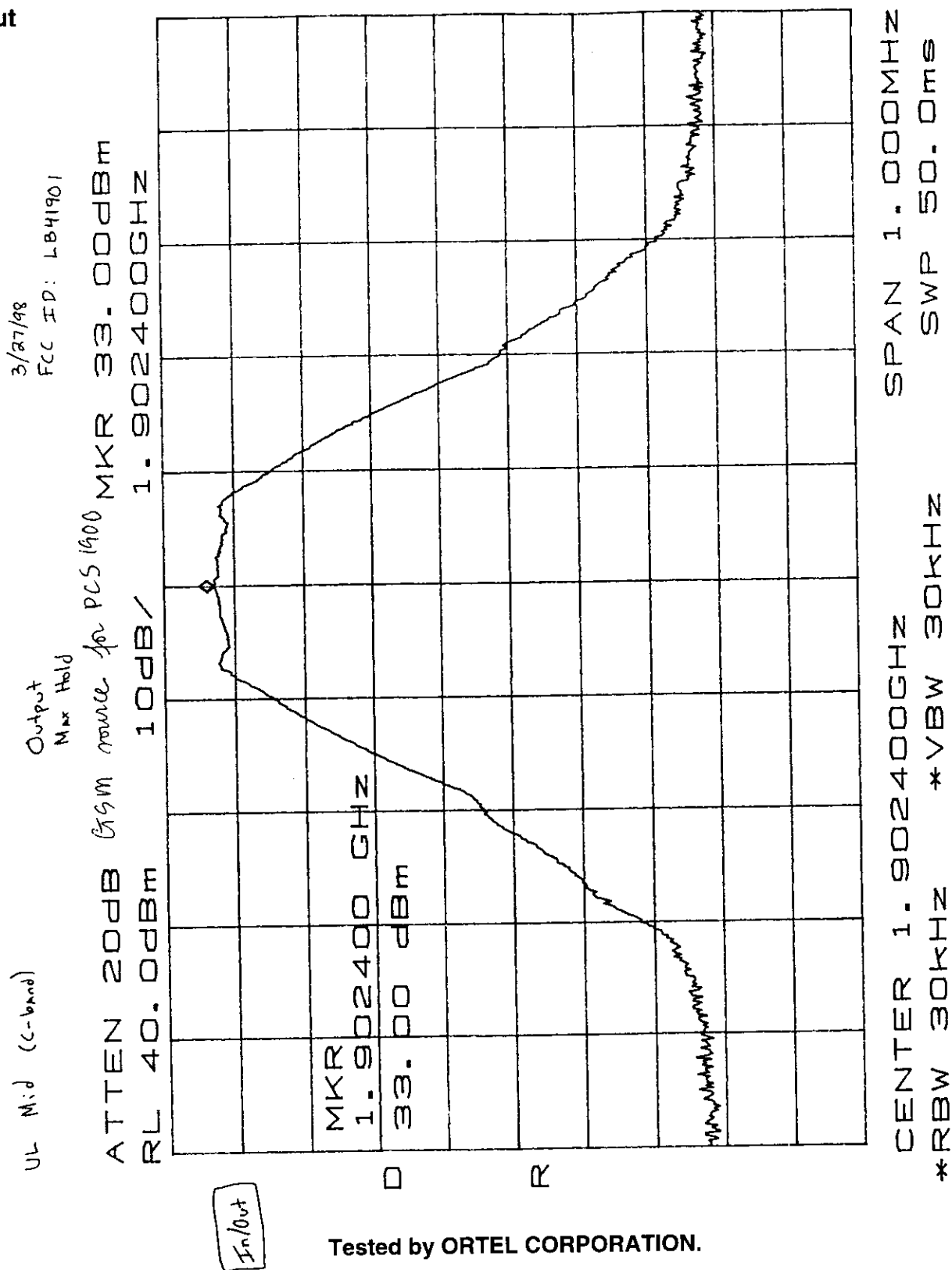
In/Out



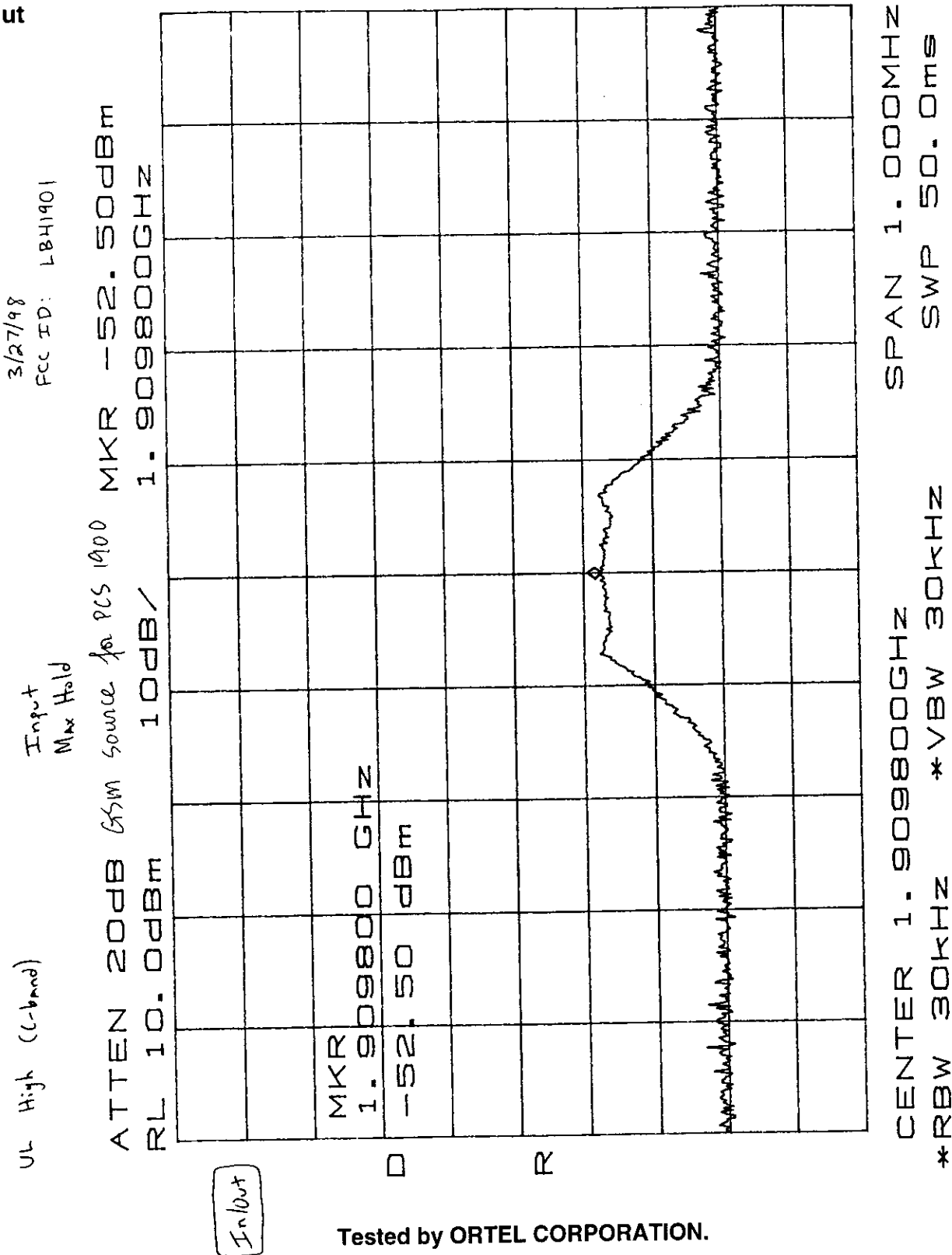
In/Out



In/Out

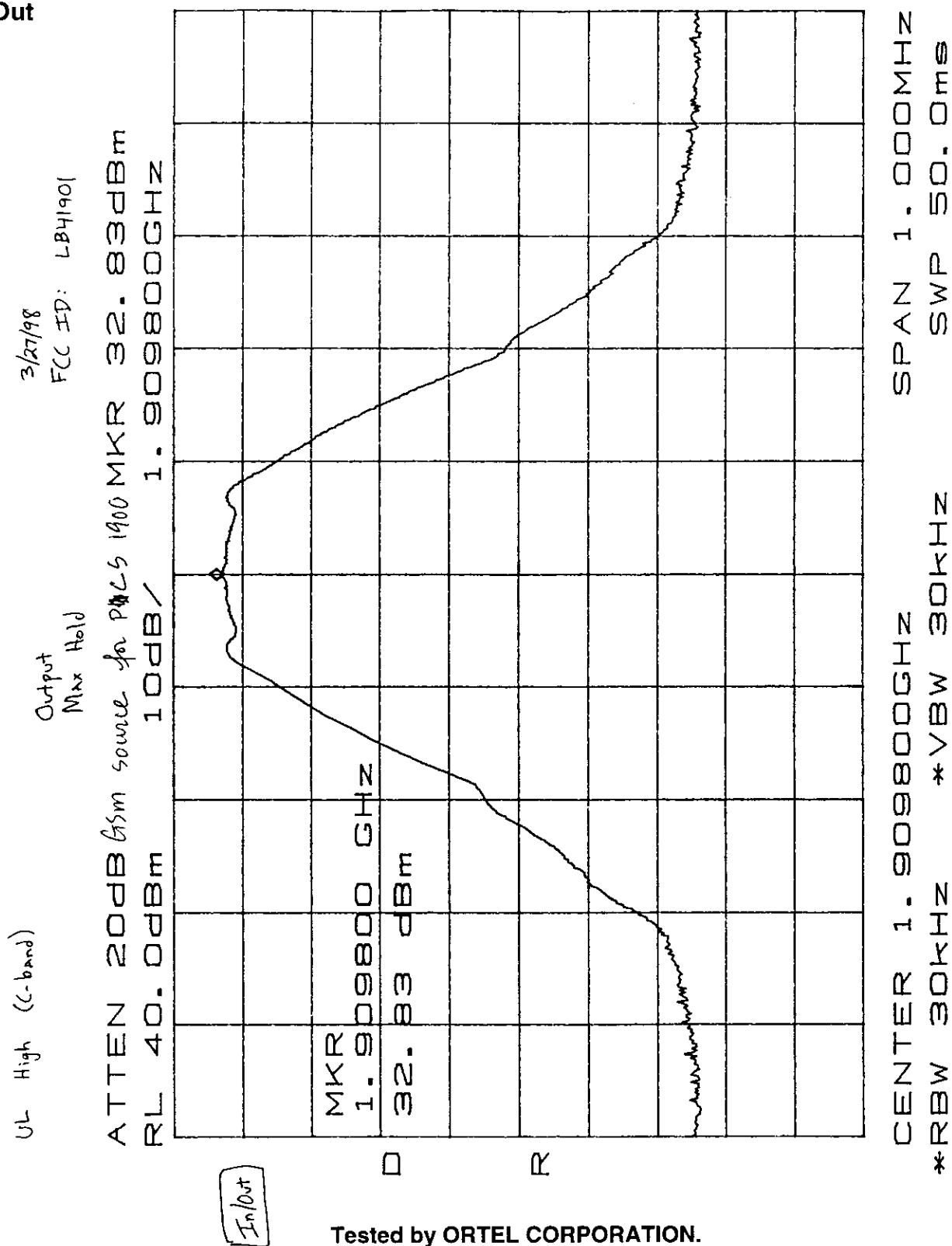


In/Out



Tested by ORTEL CORPORATION.

In/Out



2-Tone

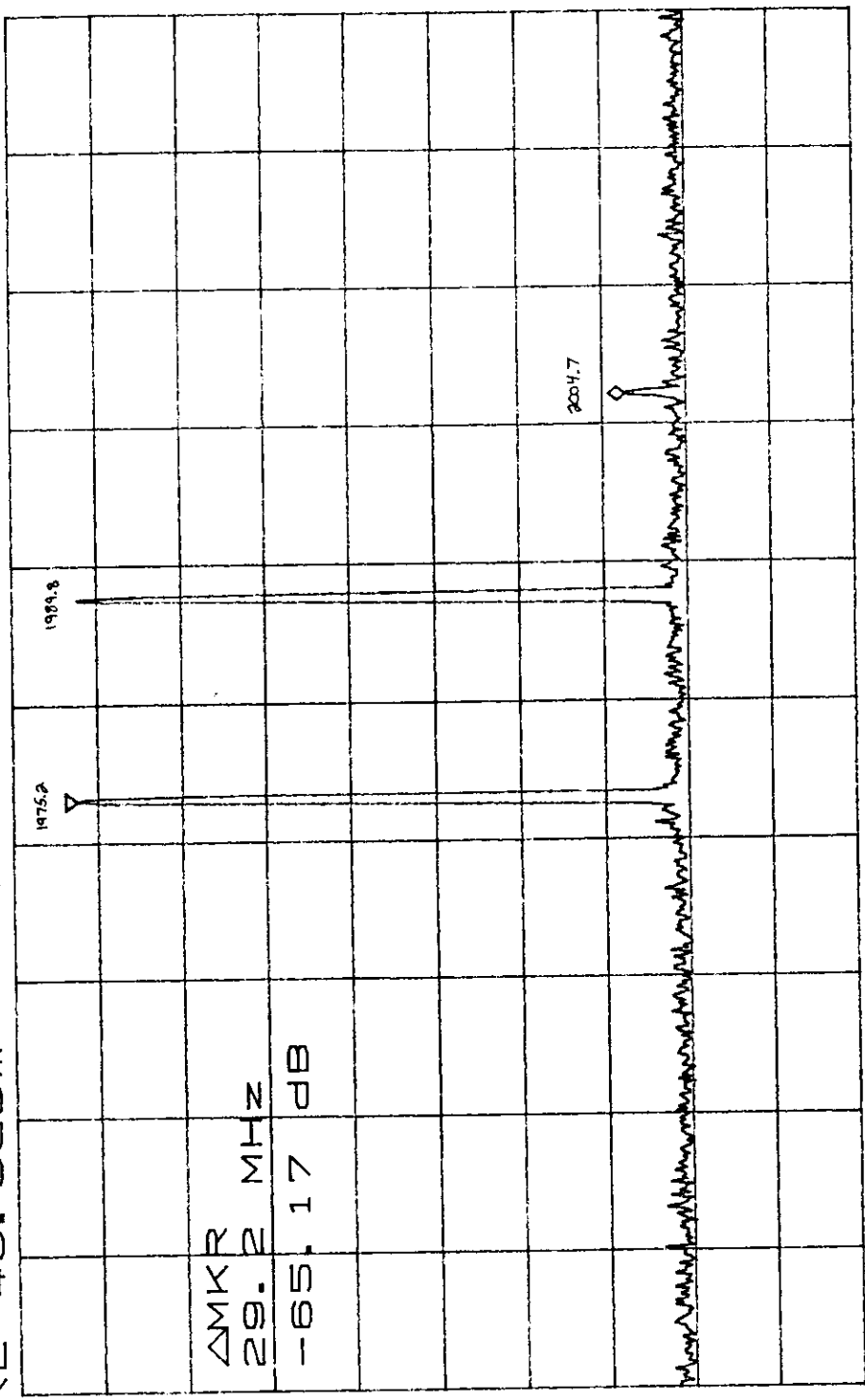
4/6/98
FCC ID: LB41901

Output Intermod's Over C-band
MAX HOLD

DL Input Freq's:
1975.2 MHz
1989.8 MHz

Set A: Ch. 1 = 810
Ch. 2 = 737

ATTEN 20dB GSM source for PCS 1900 ΔMKR -65.17dB
RL 40.0dBm 10dB/ 29.2MHz



CENTER 1.9825GHz SPAN 100.0MHz
*RBW 30kHz *VBW 30kHz SWP 280ms

Tested by ORTEL CORPORATION.

2-Tone

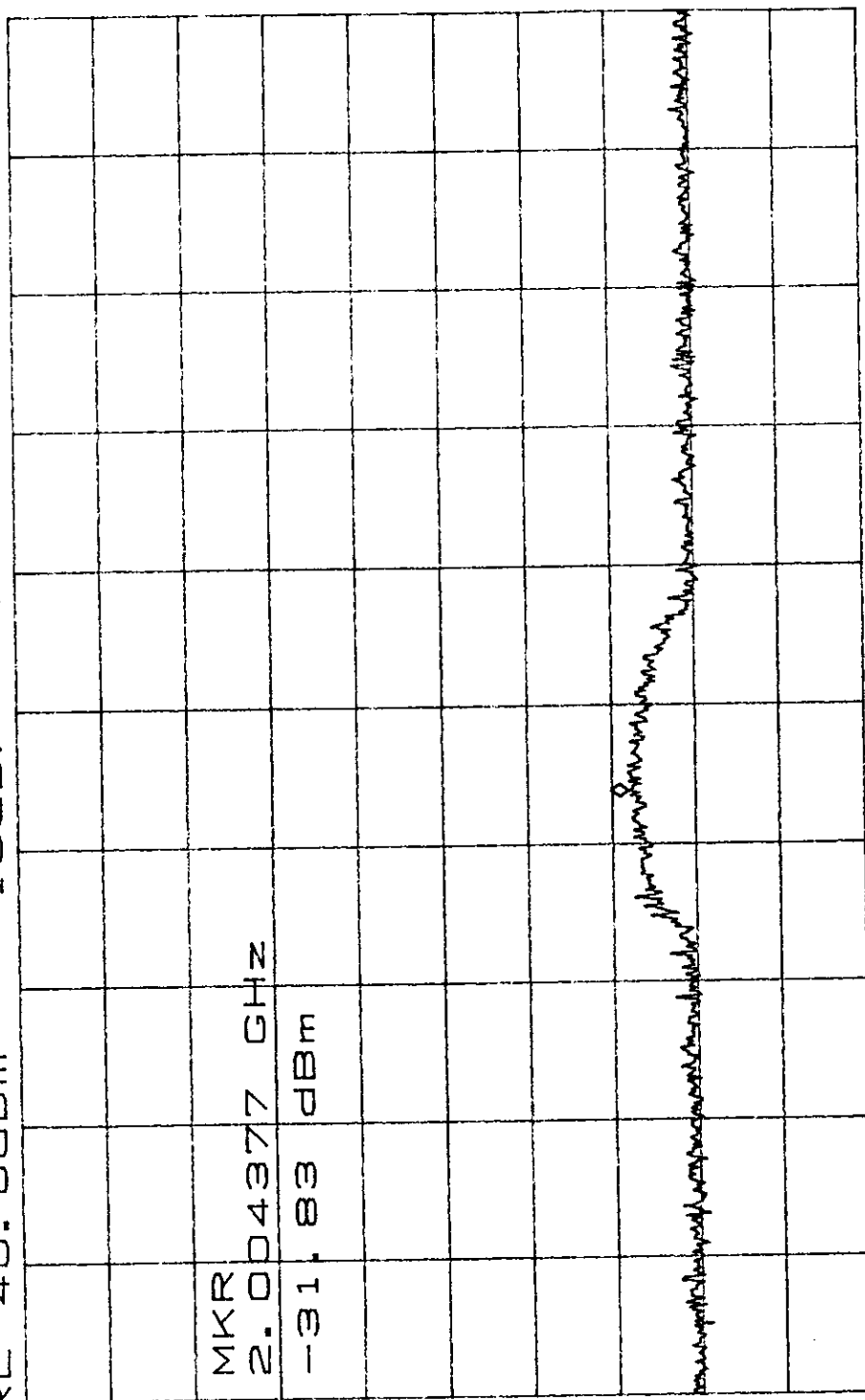
4/6/98
FCC ID: LB41901
C-band

Output Intermod @ ~2004. MHz

MAX HOLD

DL Input Freq's: 1975.2 MHz (ch.1)
1989.8 MHz (ch.2)

ATTEN 20dB GSM source for PCS 1900 MKR -31.83dBm
RL 40.0dBm 10dB/ 2.004377GHz



2-tone

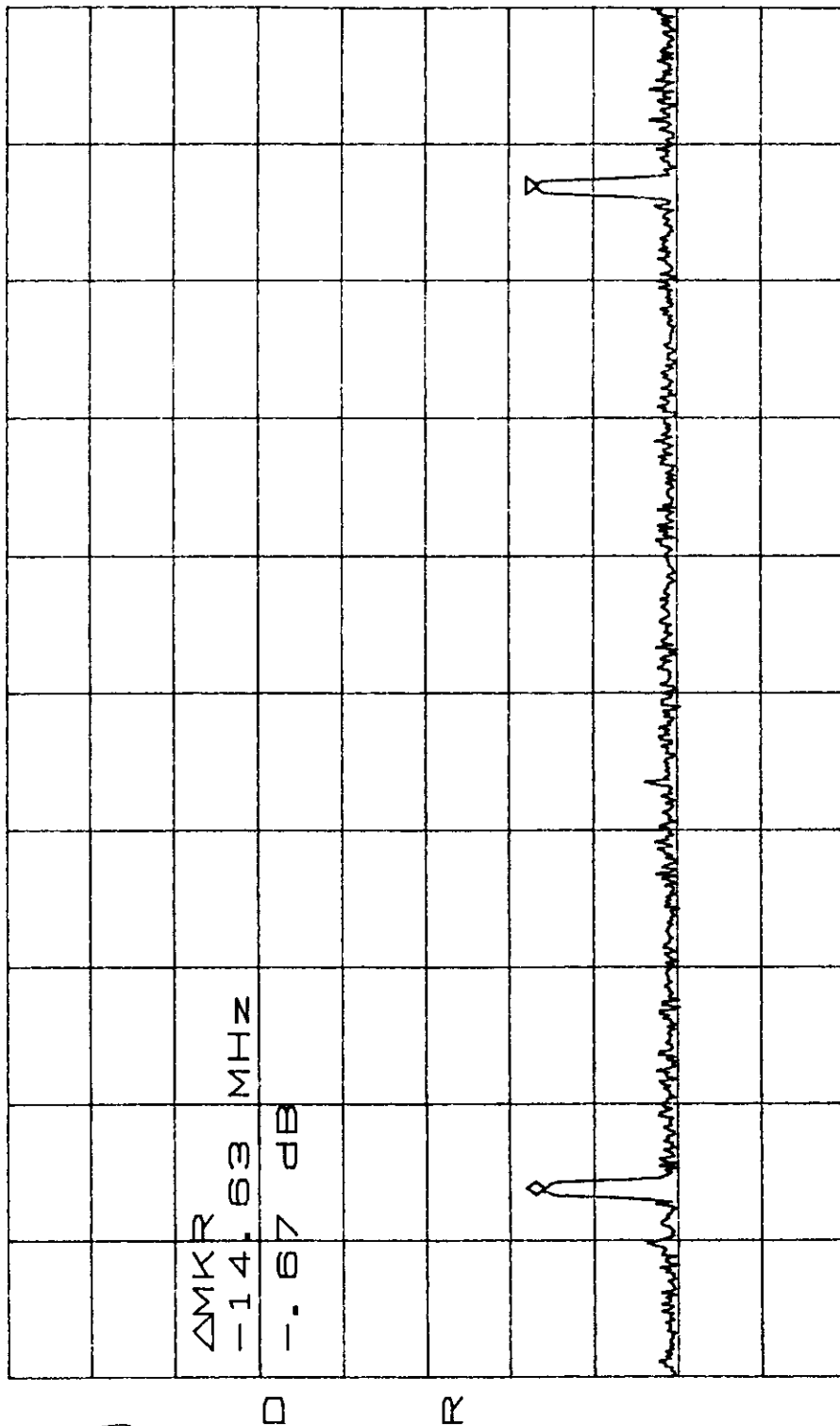
Tested by ORTEL CORPORATION.

SPAN 2.000MHz
SWP 50.0ms

CENTER 2.004500GHz
*RBW 30kHz *VBW 30kHz

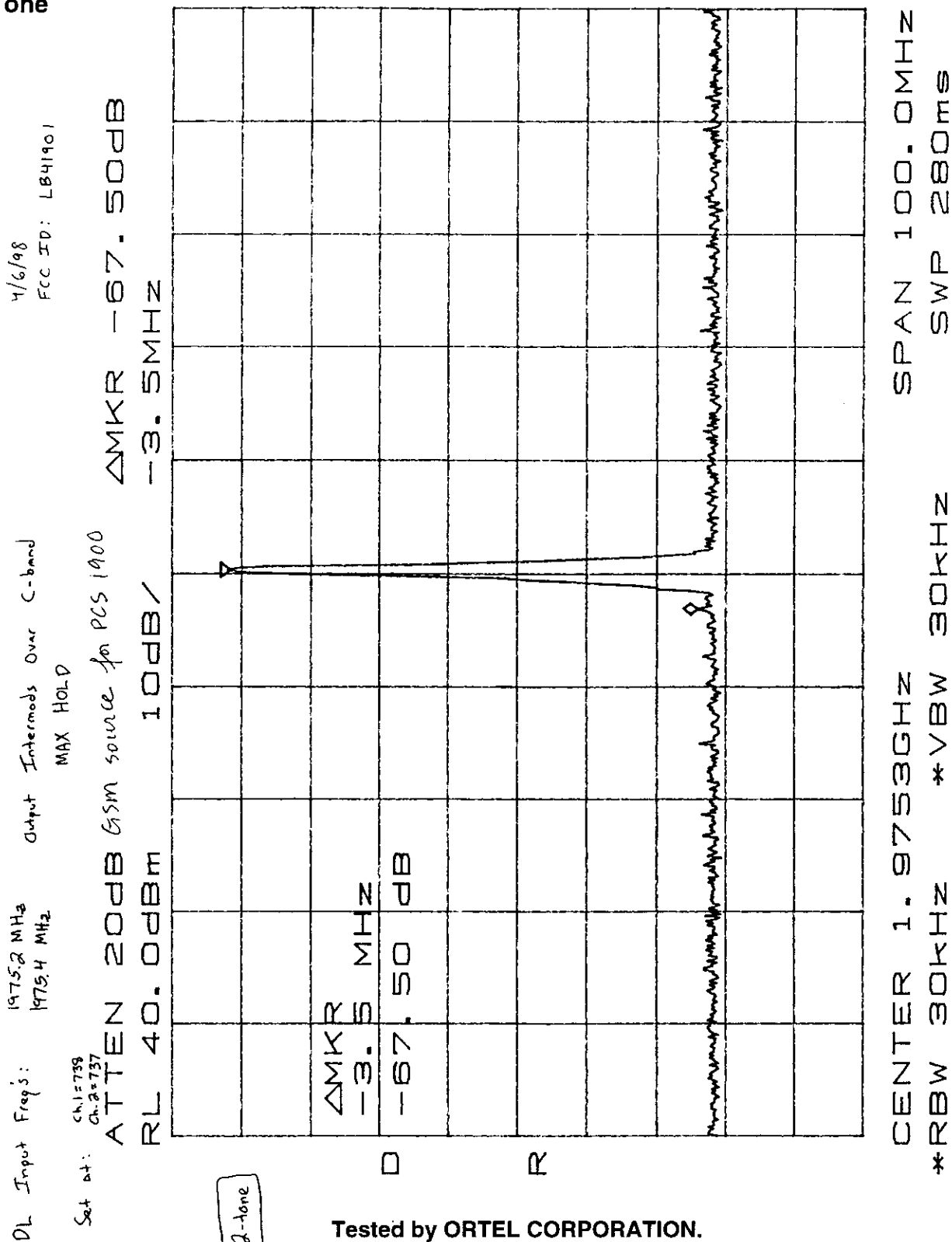
2-Tone

DL Inputs: 1975.2 MHz
1989.8 MHz
Set At: Ch1=810, Ch2=737
Inputs for IMD
C-band
MAX HOLD
ATTEN 20dB GSM source for PCS 1900
RL 10.0dBm 10dB/-14.63MHz
4/6/98
FCC ID: LB41901
Slight input amplitude variation due to gain over bandwidth.
 $\Delta MKR -14.63\text{dB}$
 $\Delta MKR -14.63\text{MHz}$



CENTER 1.98250GHZ
*RBW 30KHZ *VBW 30KHZ
SPAN 20.00MHZ
SWP 56.0ms

2-Tone



Tested by ORTEL CORPORATION.

2-Tone

4/6/98
FCC ID: LB41901

Intermod Over C-band

MAX HOLD

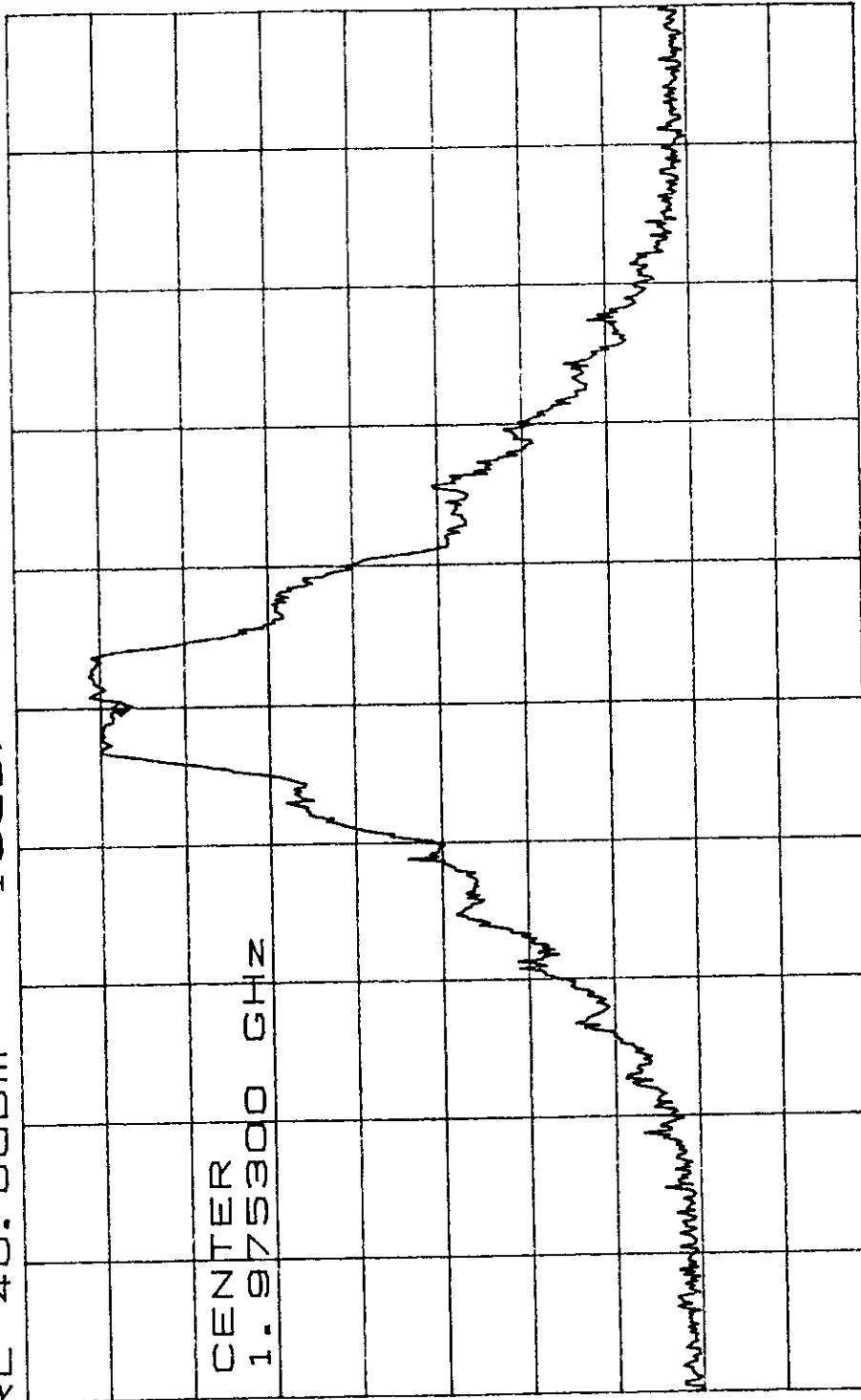
DL Input Freq's: 1975.2 MHz
1975.4 MHz

Set At: Ch.1=738 Ch.2=737

ATTEN 20dB GSM source for PCS 1900

MKR 26.67dBm

RL 40.0dBm 10dB/ 1.975300GHz



SPAN 5.000MHz

SWP 50.0ms

CENTER 1.975300GHz

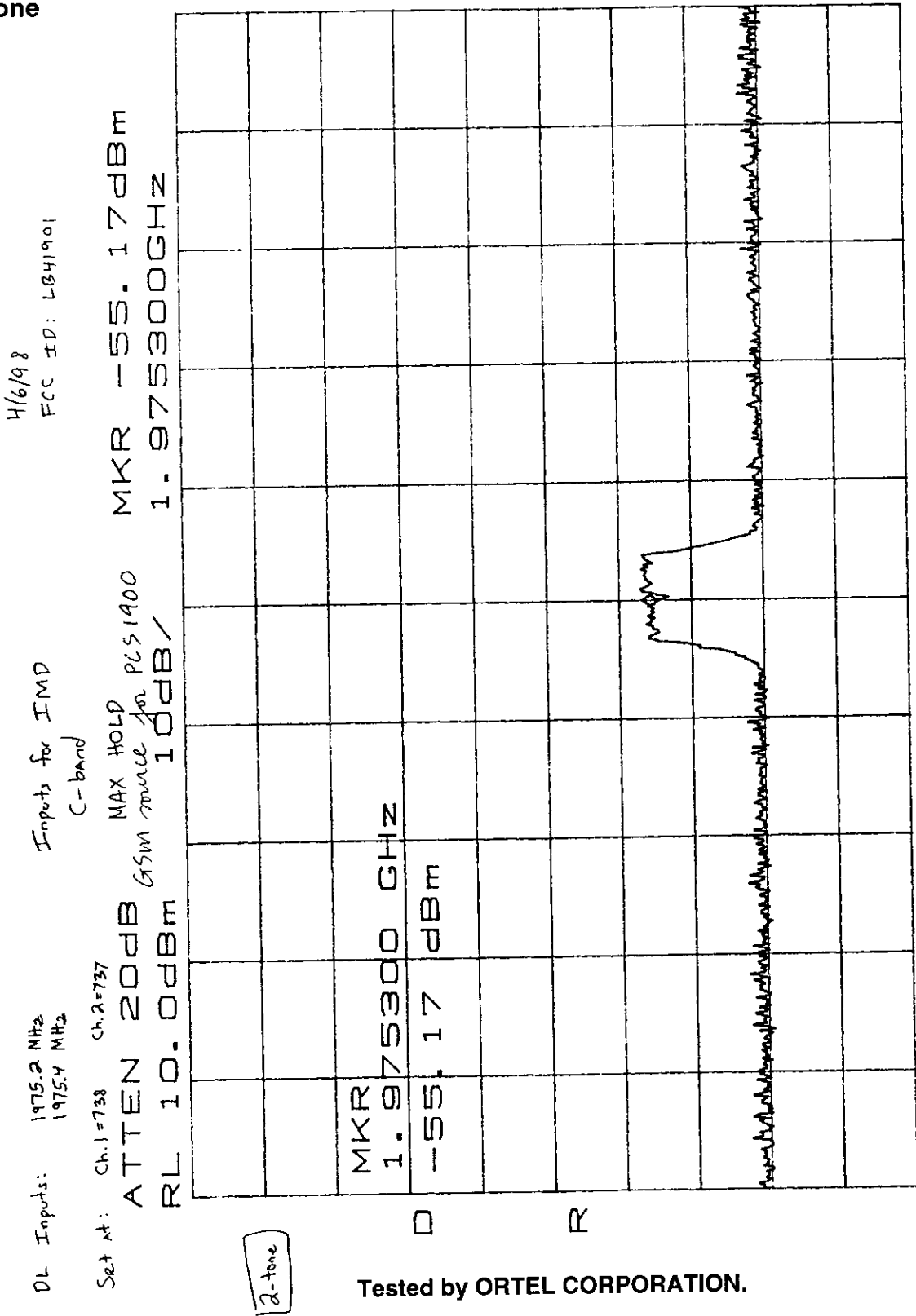
*RBW 30kHz *VBW 30kHz

*RBW 30kHz

2-Tone

Tested by ORTEL CORPORATION.

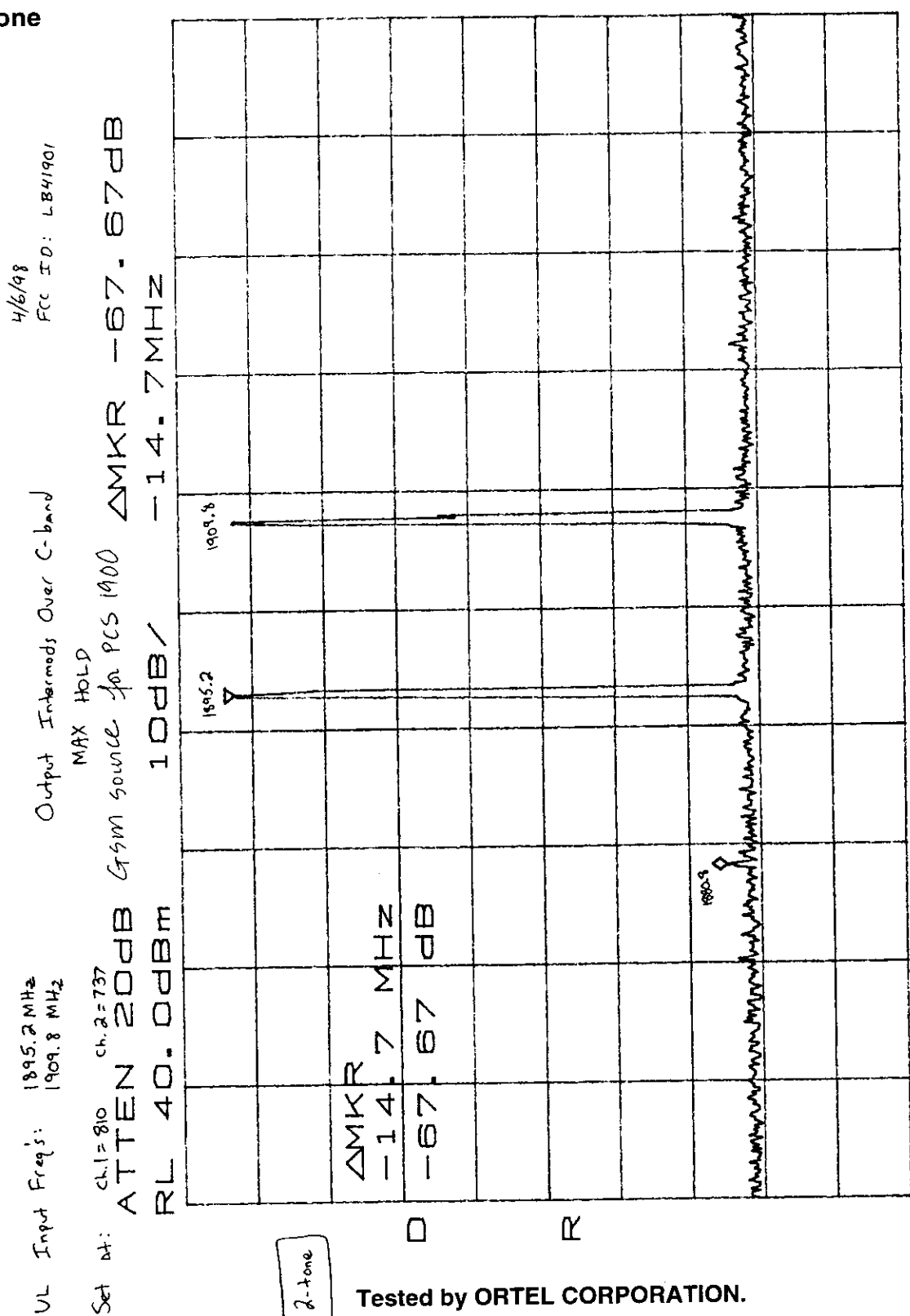
2-Tone



CENTER 1.975300GHZ
*RBW 30KHZ *VBW 30KHZ
SPAN 5.000MHZ
SWP 50.0ms

Tested by ORTEL CORPORATION.

2-Tone



CENTER 1.9025GHz

*RBW 30kHz

*VBW 30kHz

SPAN 100.0MHz

SWP 280ms

Tested by ORTEL CORPORATION.

2-Tone

UL Input Freq's: 1895.2 MHz
1909.8 MHz

Set at: Ch.1=810 Ch.2=737

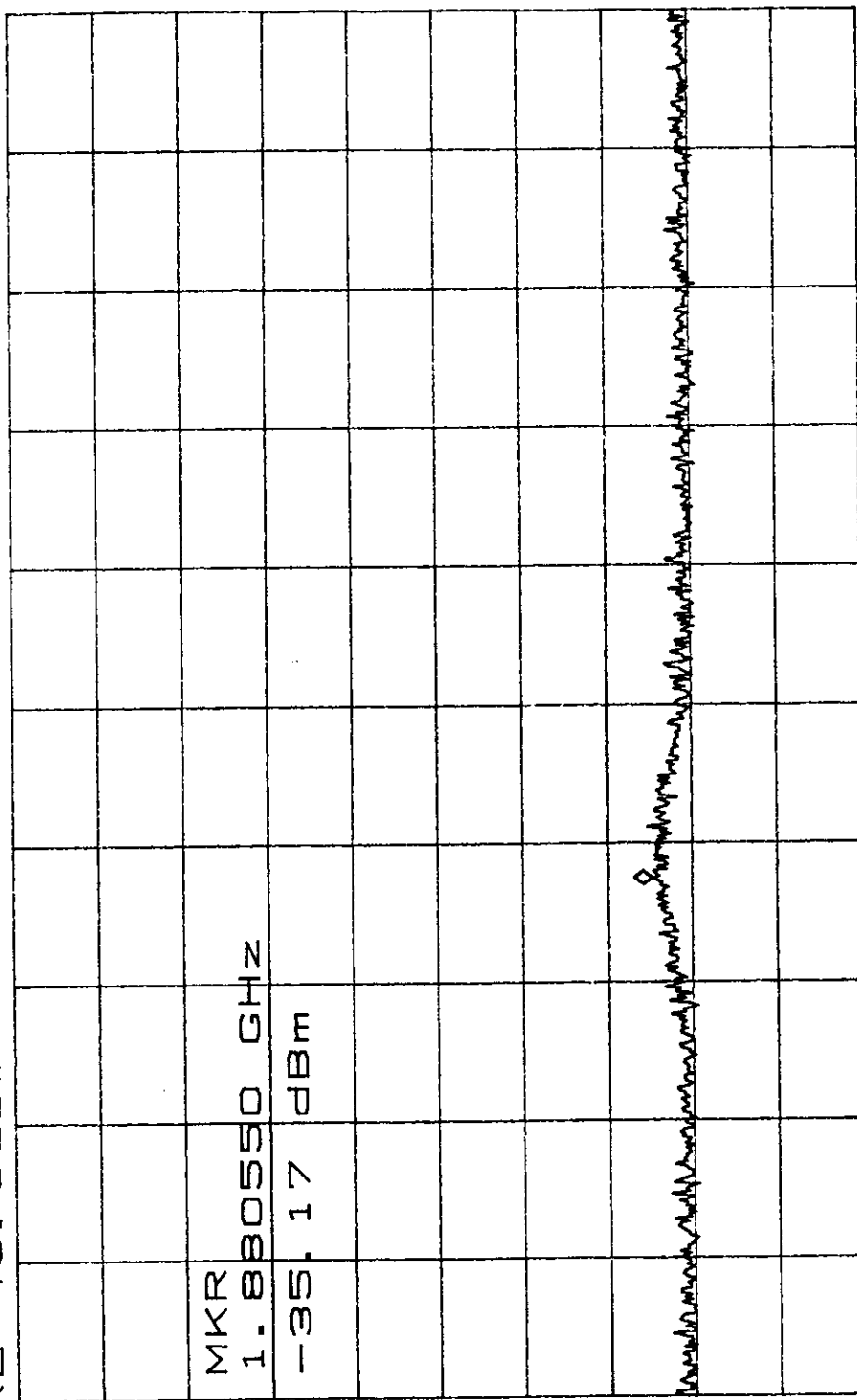
Output Intermod @ ~1880 MHz

MAX HOLD

ATTEEN 20dB GSM source for PCS 1900 MKR -35.17dBm

RL 40.0dBm 10dB/ 1.880550GHZ

4/6/98
FCC ID: LB41901
C-band



2-tone

Tested by ORTEL CORPORATION.

CENTER 1.880800GHZ SPAN 2.000MHZ

*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

2-Tone

UL Inputs: 1895.2 MHz
1909.8 MHz

Set pt: Ch.1=810 Ch.2=737

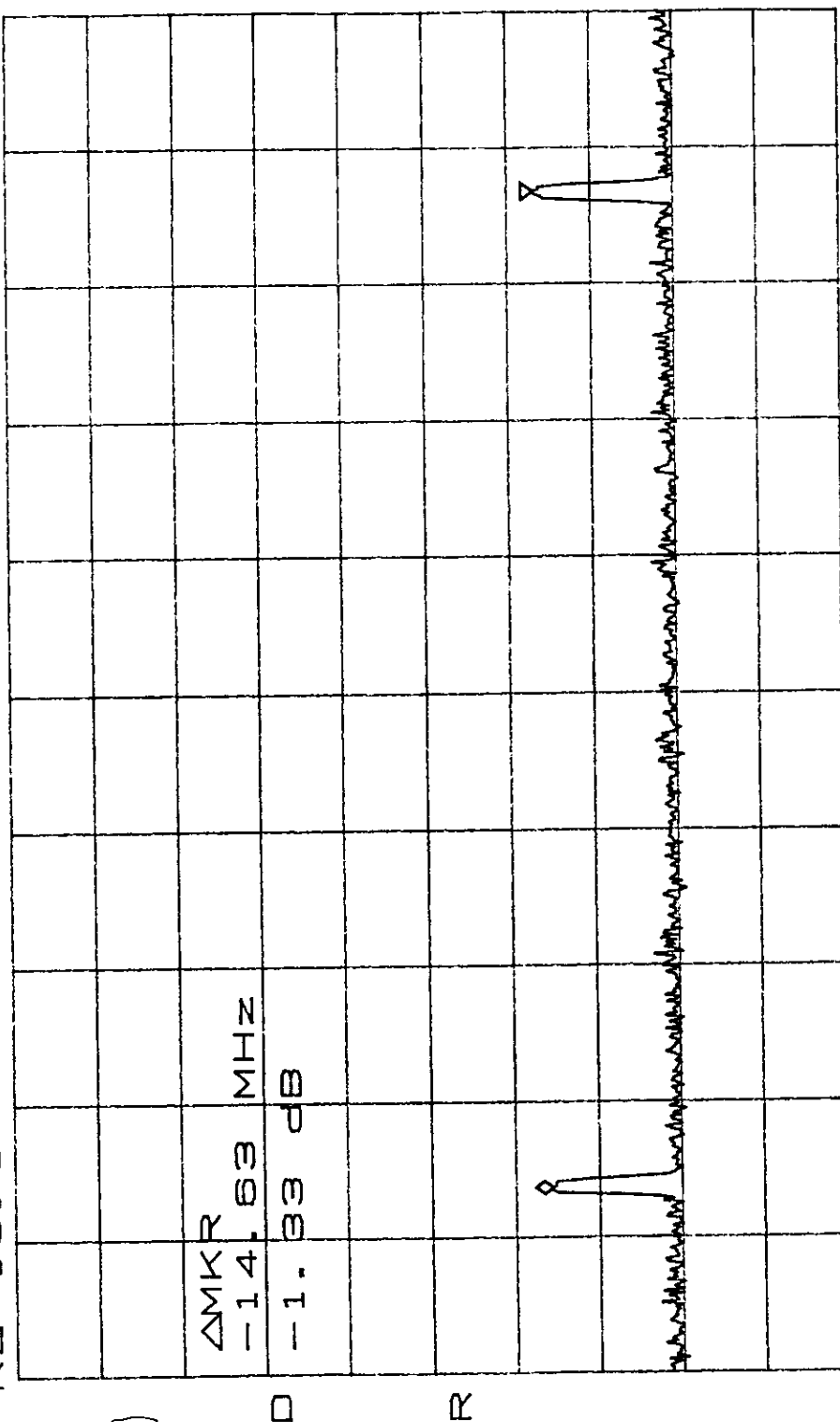
Inputs for IMD
C-band

MAX HOLD
source for PCS 1900

ΔMKR -1.33dB
-14.63MHz

RL 10.0dBm

4/6/98
FCC ID: LB41901
Slight input amplitude variation due
to gain over BW.



2-tone

Tested by ORTEL CORPORATION.

CENTER 1.90250GHZ
*RBW 30KHZ *VBW 30KHZ

SPAN 20.00MHZ
SWP 56.0ms

2-Tone

UL Input Freq's: 1895.2 MHz
1895.4 MHz

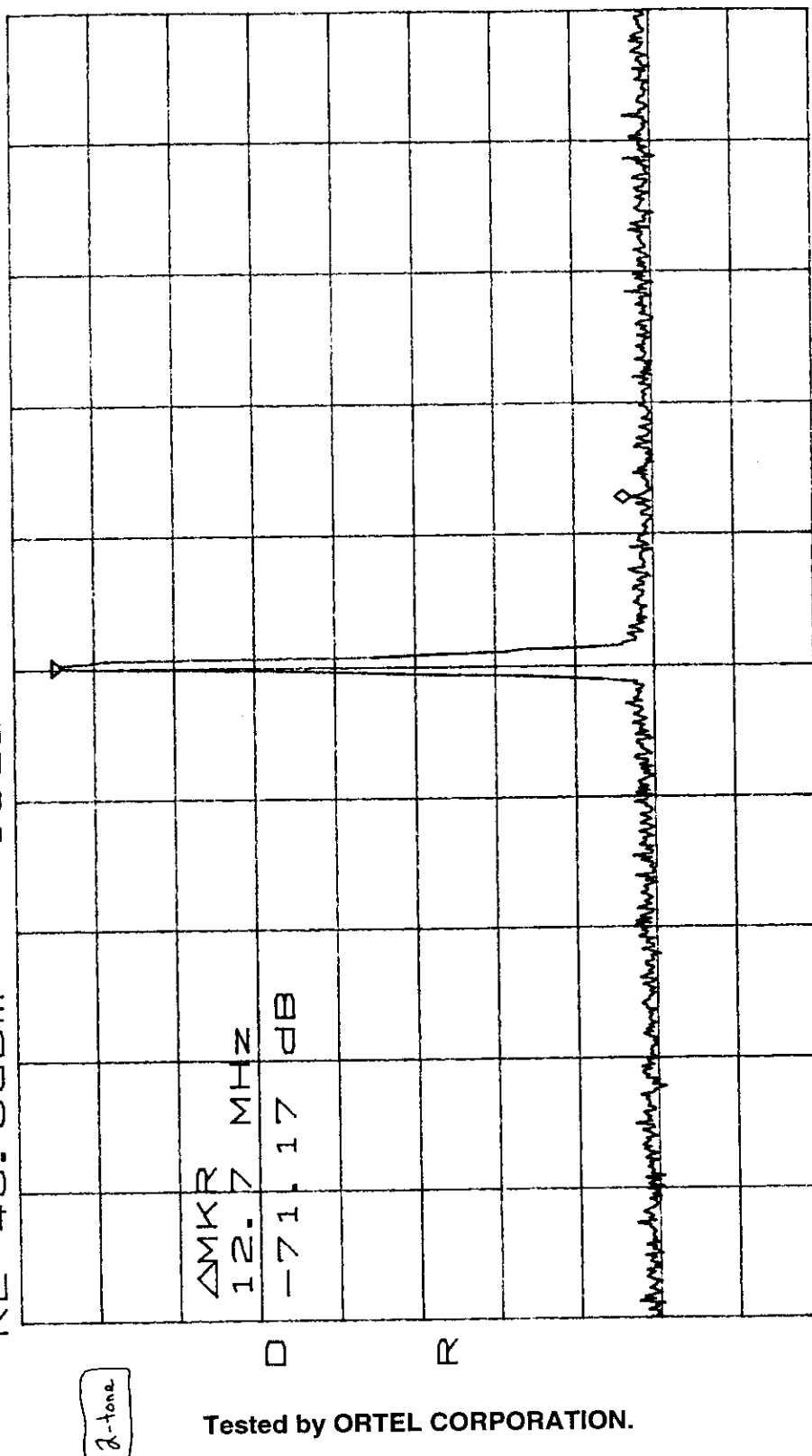
4/6/98
FCC ID: LB41901

Set At: Ch. 1 = 738 Ch. 2 = 737
ATTEN 20dB GSM source for PCS 1900

Output Intermod: Over C-band
MAX HOLD

RL 40.0dBm 10dB/ 12.7MHz

ΔMKR -71.17dB

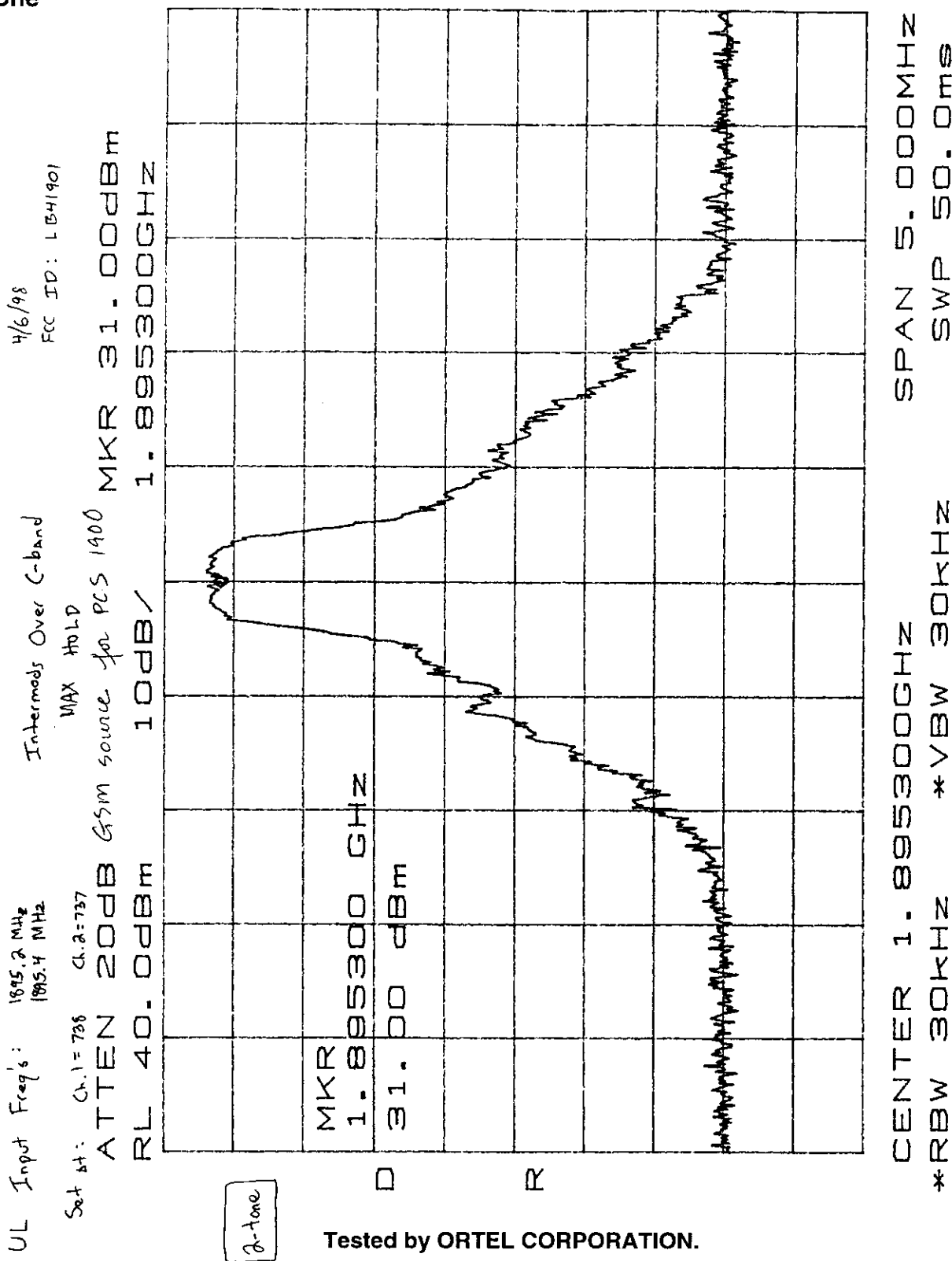


CENTER 1.8953GHz
*RBW 30kHz *VBW 30kHz

SPAN 100.0MHz
SWP 280ms

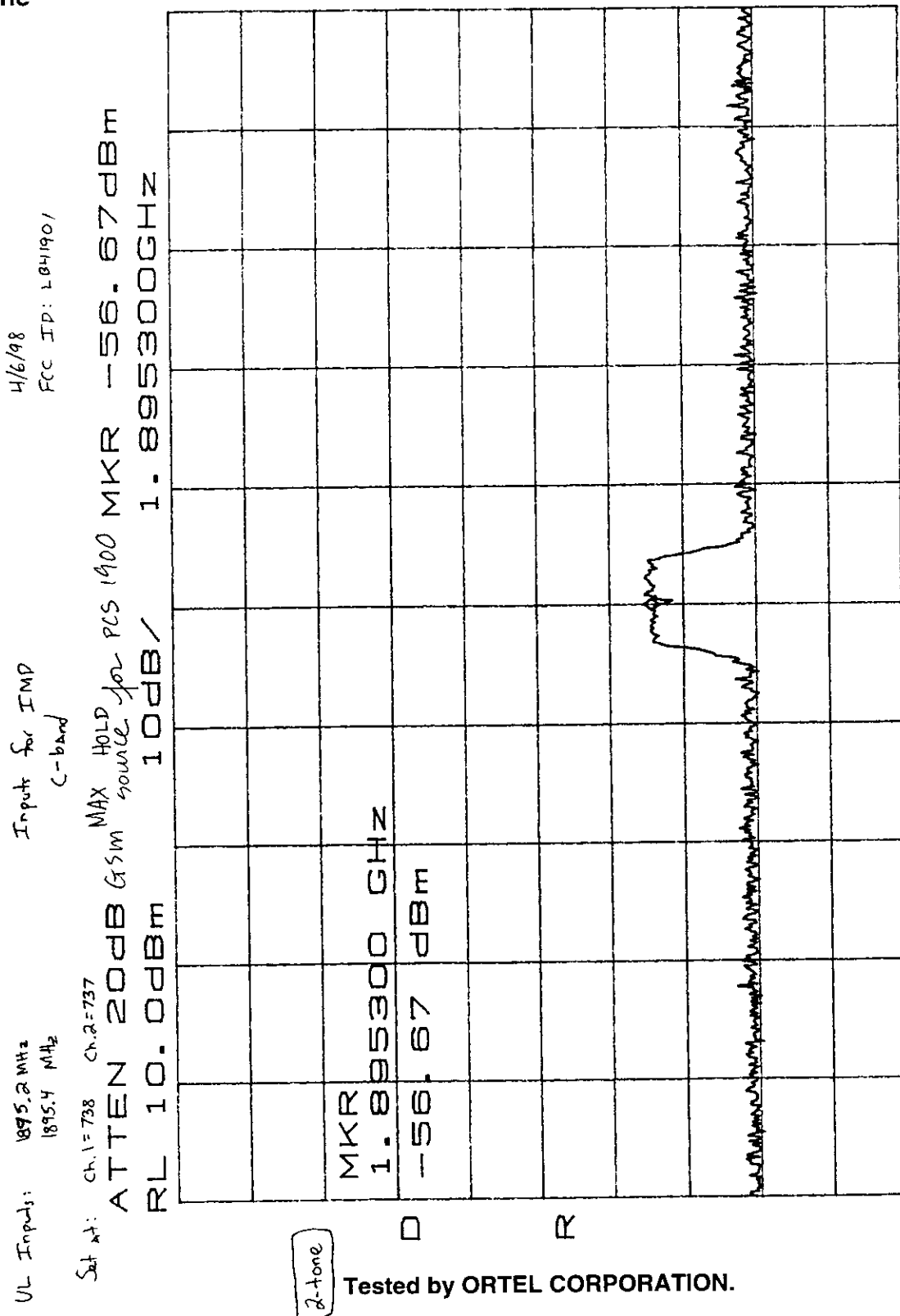
Tested by ORTEL CORPORATION.

2-Tone



Tested by ORTEL CORPORATION.

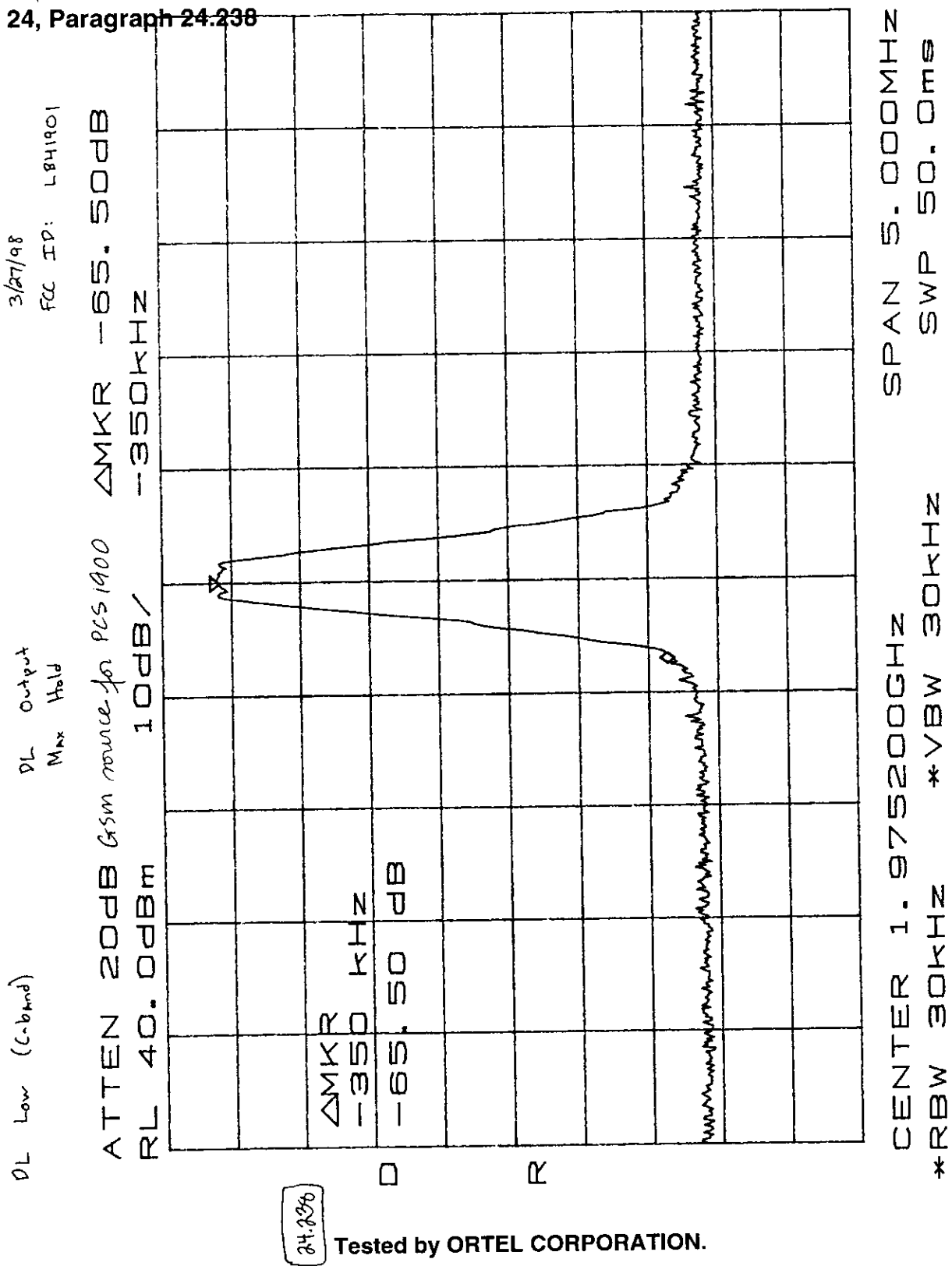
2-Tone



Tested by ORTEL CORPORATION.

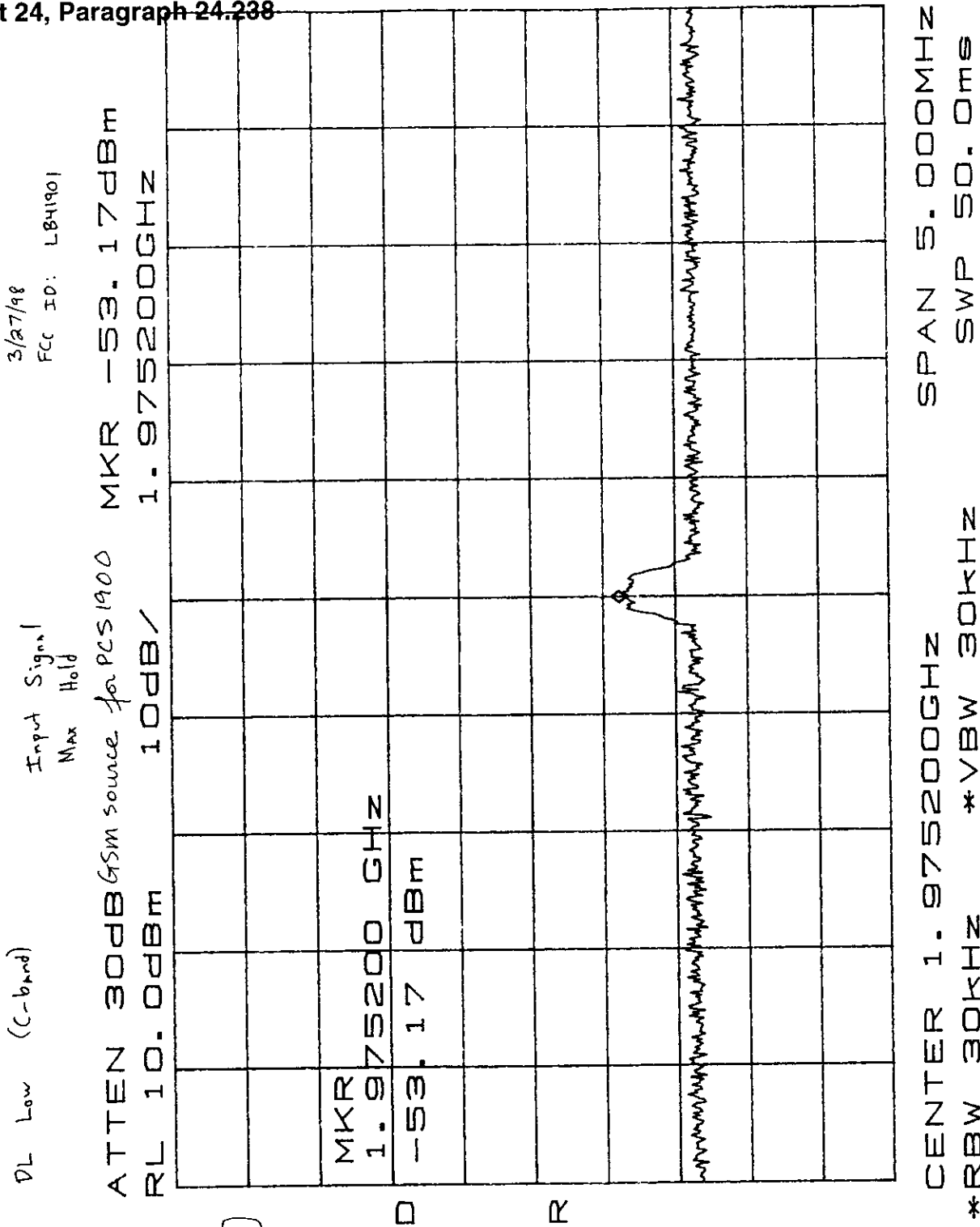
CENTER 1.895300GHz
*RBW 30KHz *VBW 30KHz
SPAN 5.000MHz
SWP 50.0ms

Part 24, Paragraph 24.238

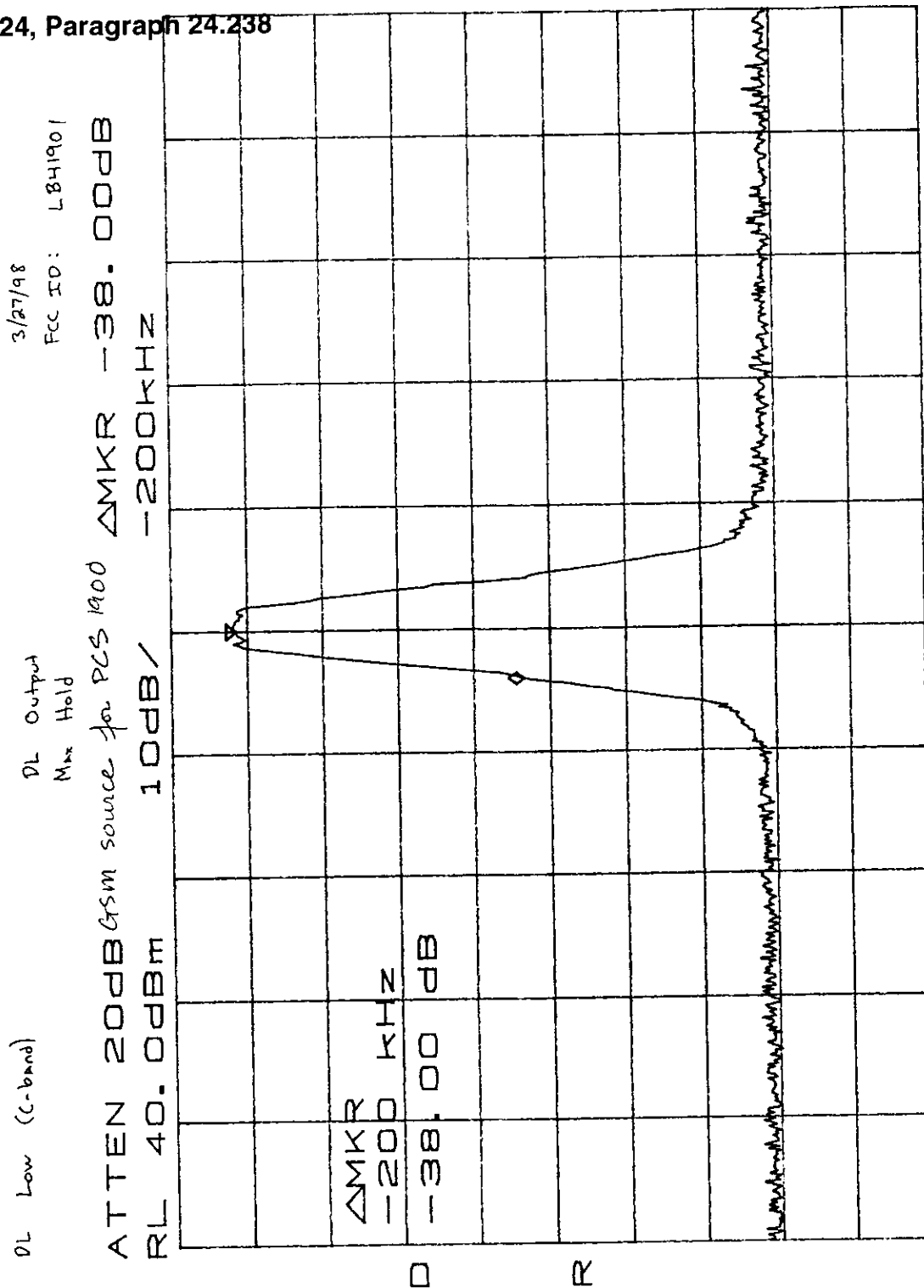


Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238



Part 24, Paragraph 24.238

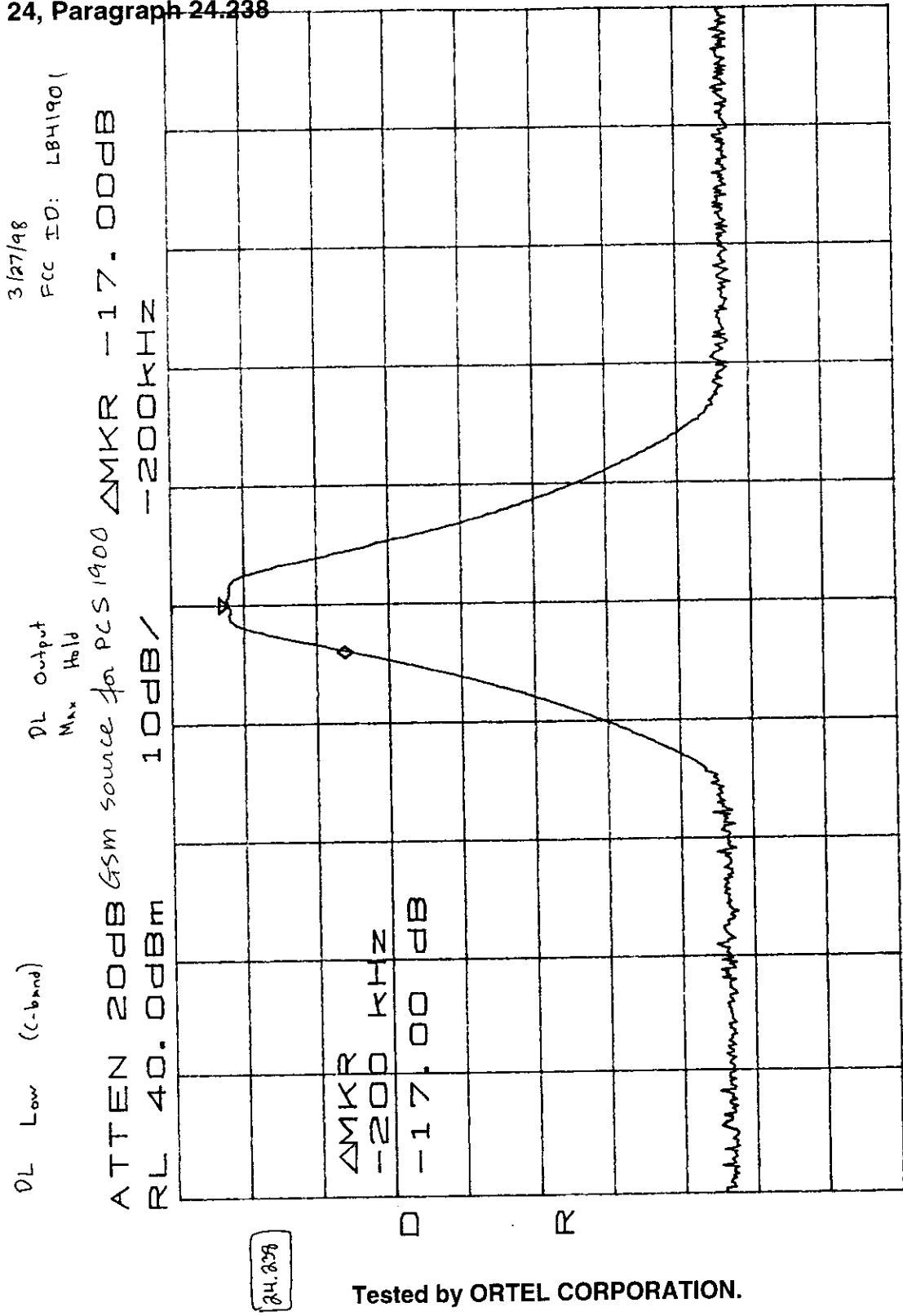


CENTER 1.975200GHZ
*RBW 30KHz
SPAN 5.000MHZ
*VBW 30KHz
SWP 50.0ms

24 238

Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238



CENTER 1.975200GHZ
*RBW 100KHZ *VBW 30KHZ
SPAN 5.000MHZ
SWP 50.0ms

Tested by ORTEL CORPORATION.

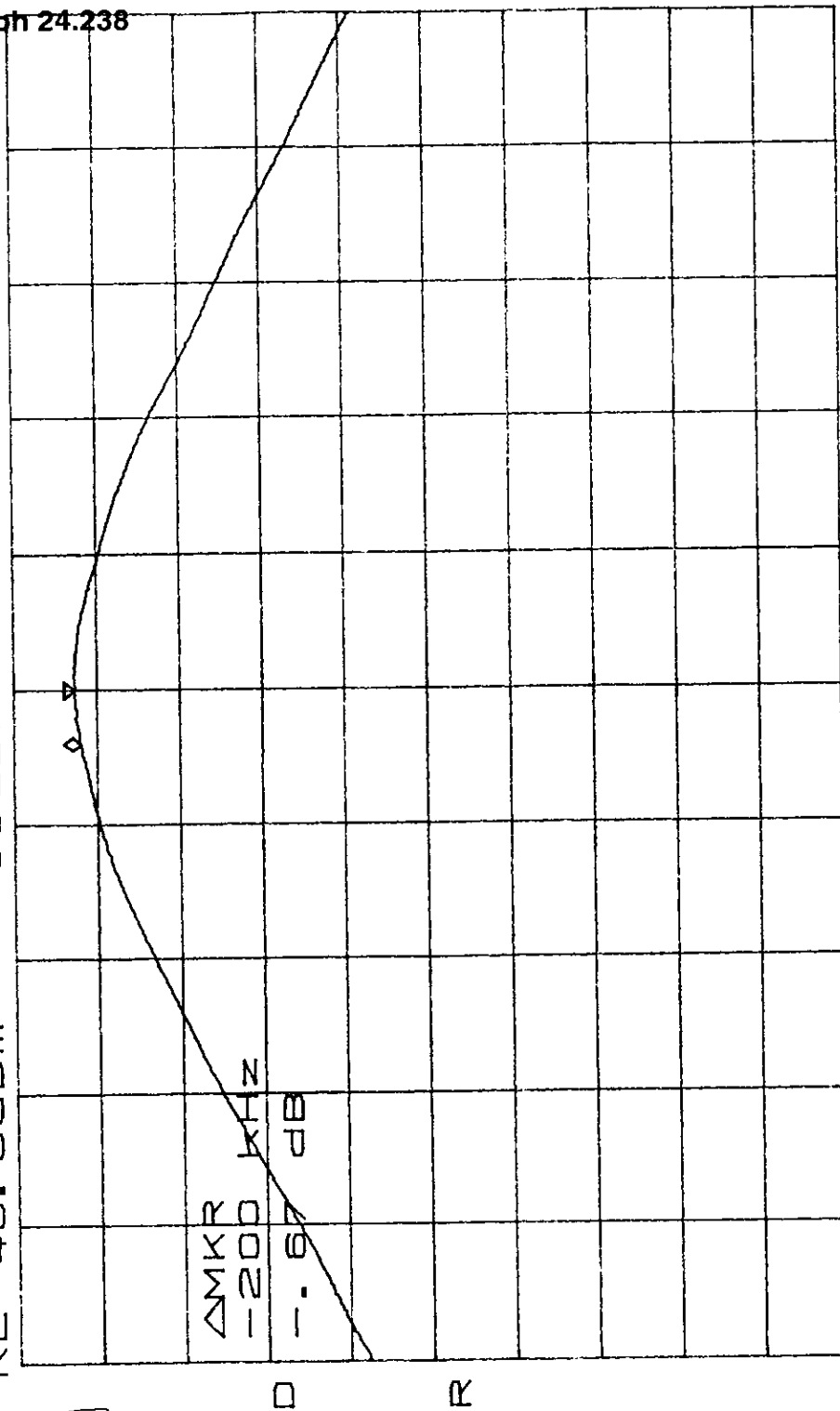
Part 24, Paragraph 24.238

3/27/08
FCC ID: LB41901

DL Low (C-band)

DL Output
Max Hold

ATTEN 20dB GSM source for PCS1900 ΔMKR -200kHz
RL 40.0dBm 10dB/ -200kHz



SPAN 5.000MHz
SWP 50.0ms

CENTER 1.975200GHz
*RBW 1.0MHz *VBW 1.0MHz

24.238

Tested by ORTEL CORPORATION.

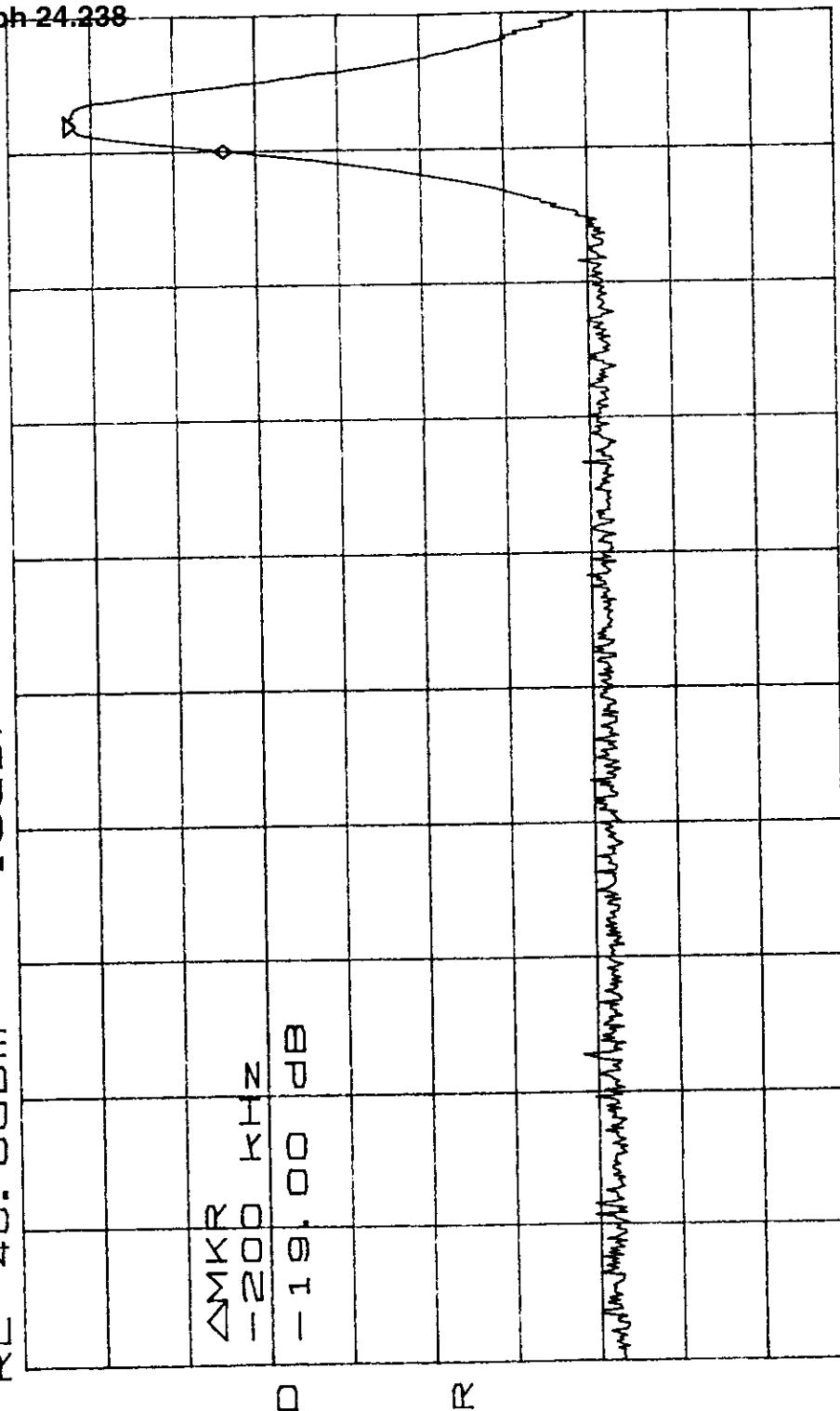
Part 24, Paragraph 24.238

3/27/98
FCC ID: LB41901

DL Low (C-band)

DL Output
Max Hold

ATTEN 20dB GSM source for PCS 1900 ΔMKR -19.00dB
RL 40.00dB 10dB/ -200KHZ

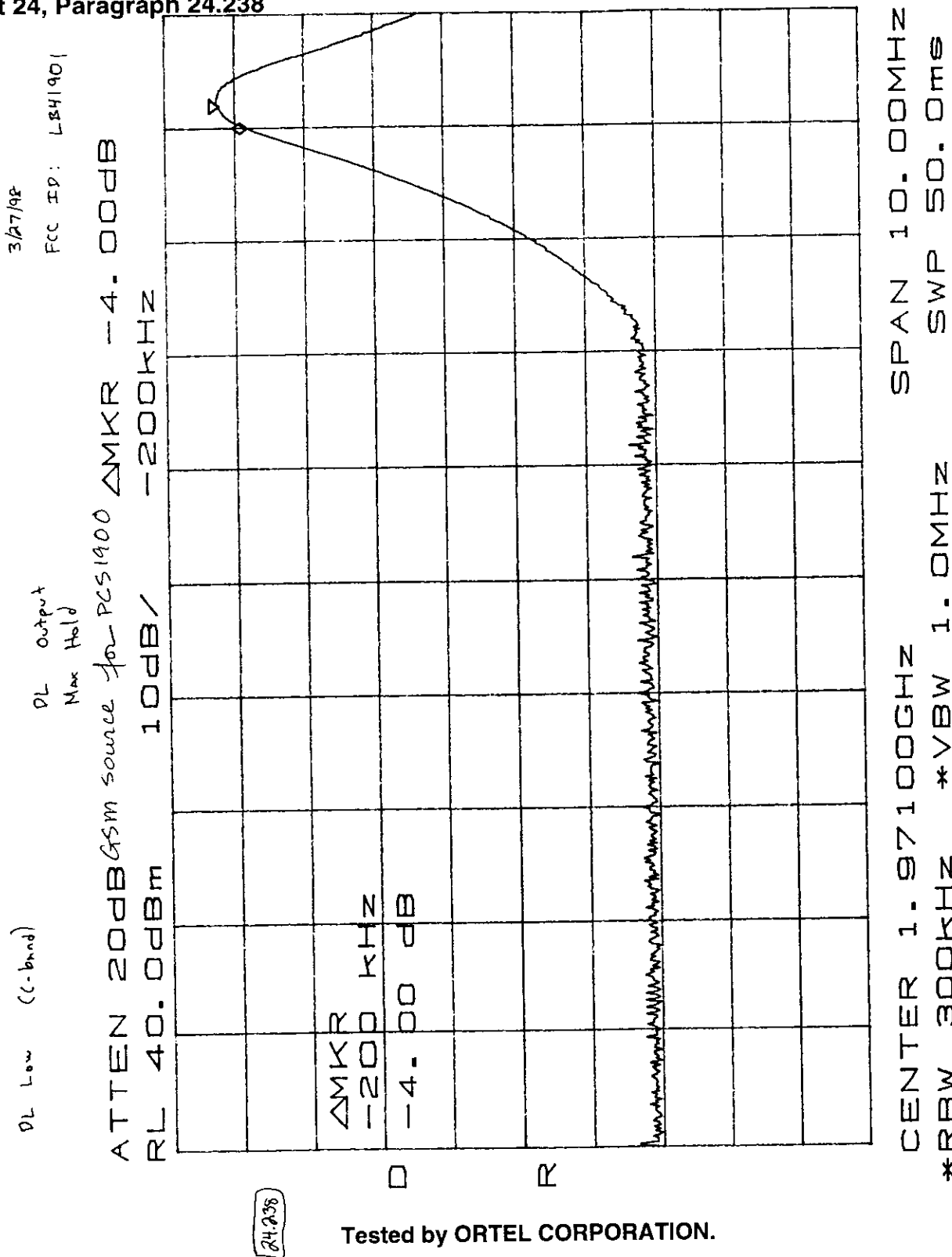


24.238

Tested by ORTEL CORPORATION.

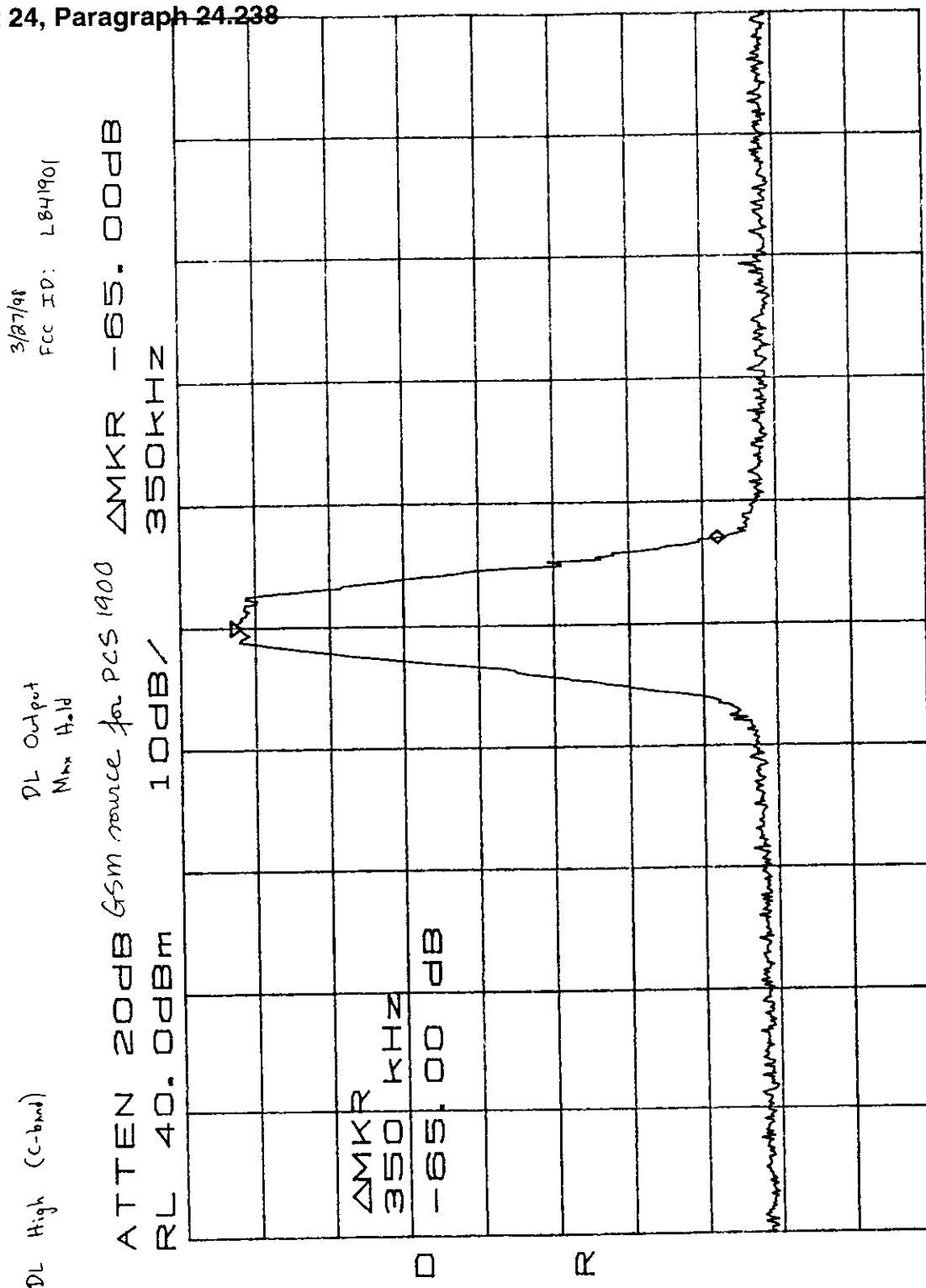
CENTER 1.97100GHZ SPAN 10.00MHZ
*RBW 100KHZ *VBW 1.0MHZ SWP 50.0ms

Part 24, Paragraph 24.238



Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238

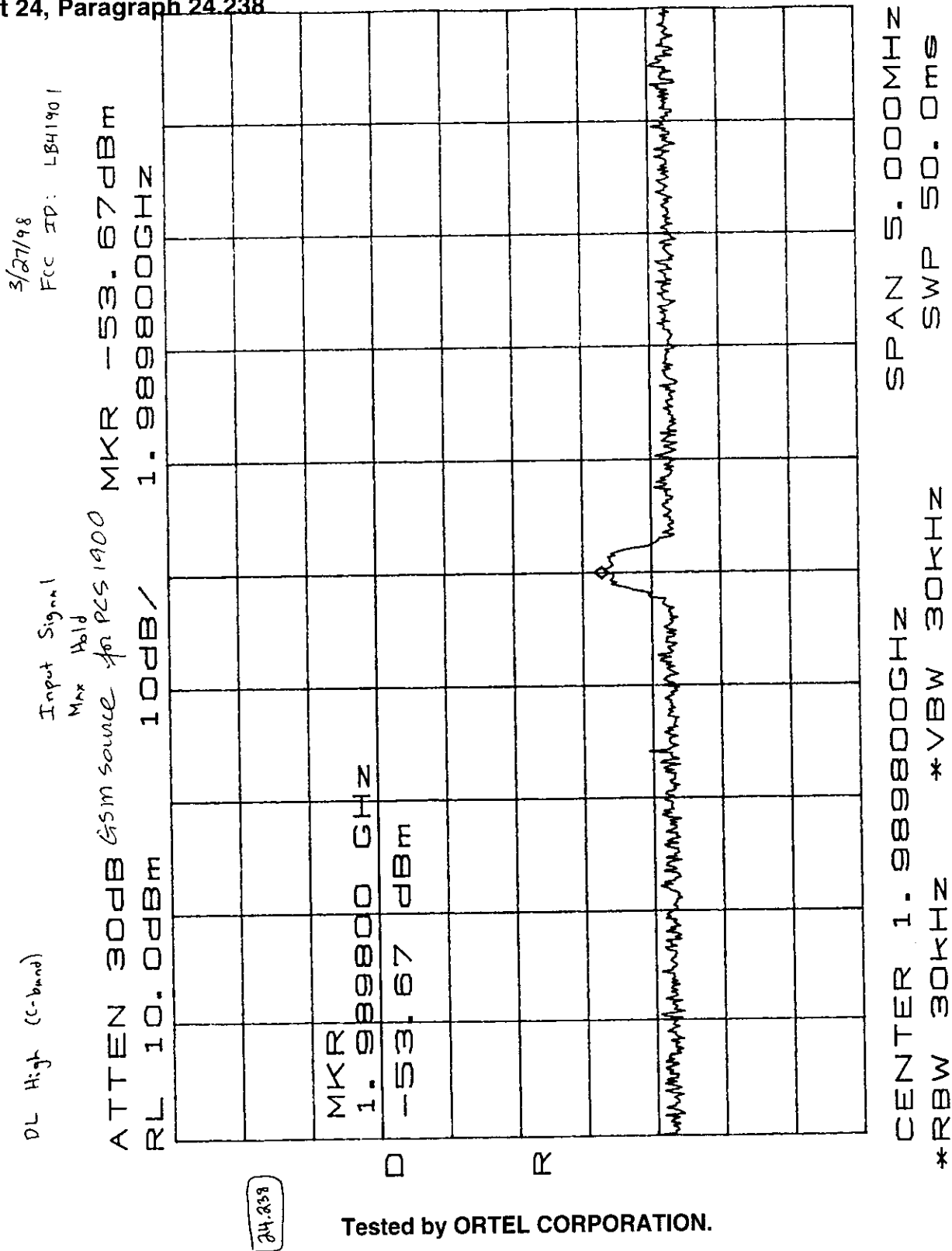


CENTER 1.989800GHZ SPAN 5.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

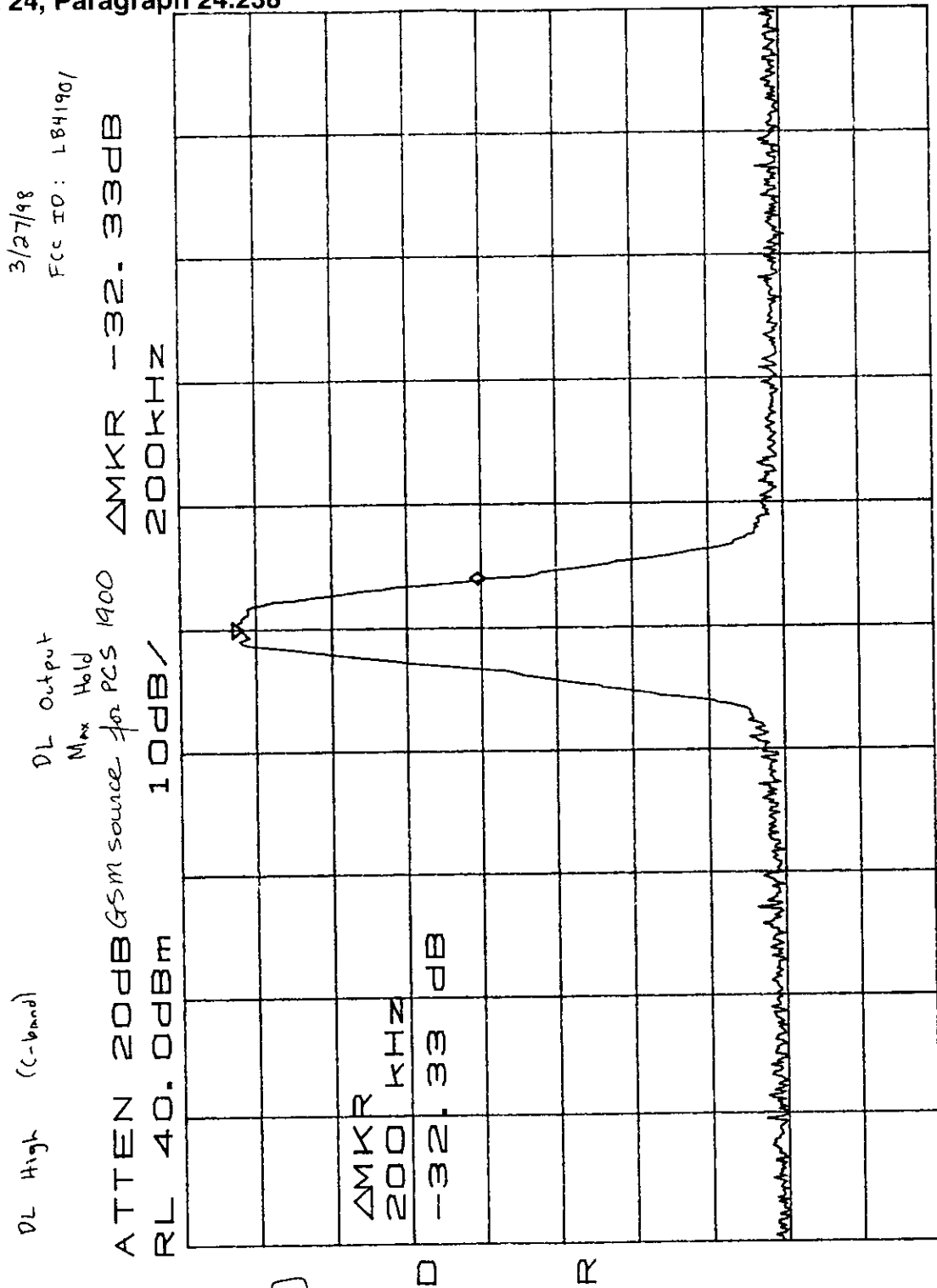
24.238

Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238



Part 24, Paragraph 24.238

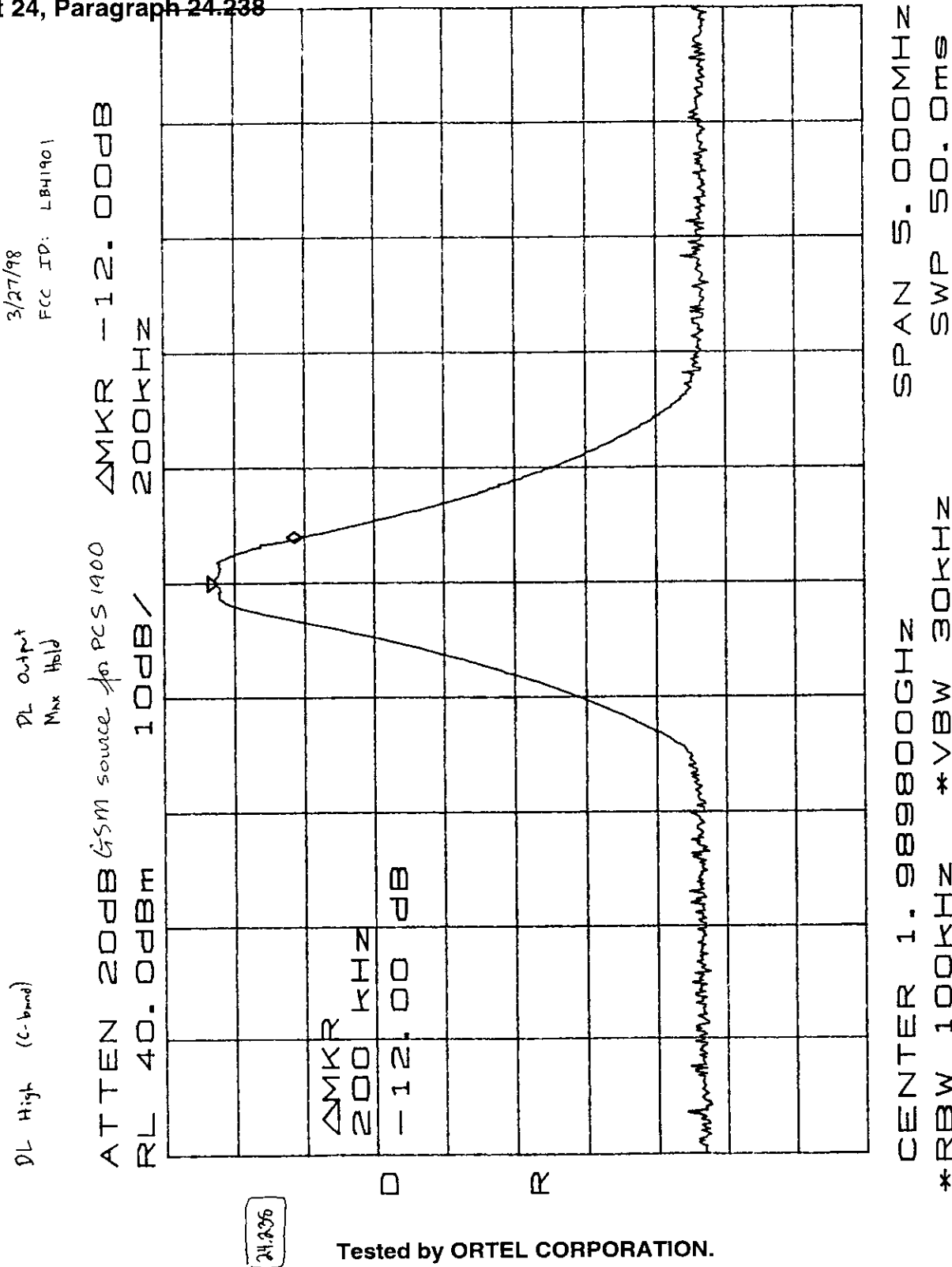


CENTER 1.989800GHZ
*RBW 30KHZ
SPAN 5.000MHZ
SWP 50.0ms
*VBW 30KHZ

24.238

Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238



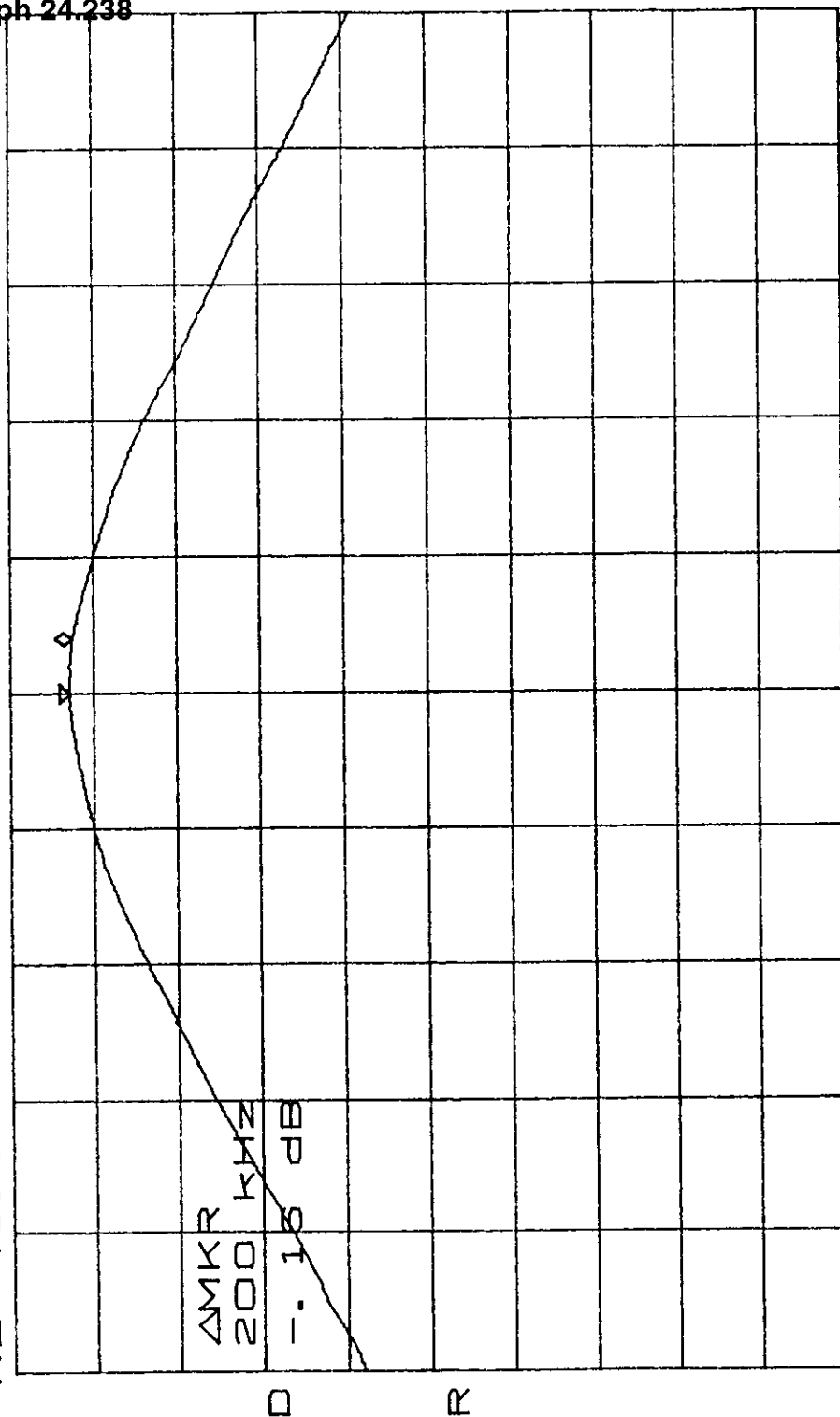
Part 24, Paragraph 24.238

3/27/98
FCC ID: LB41901

DL Output
Max Hold

DL High (C-band)

ATTEN 20dB GSM source for PCS 1900 Δ MKR -16dB
RL 40.0dBm 10dB/ 200KHz



24.238

Tested by ORTEL CORPORATION.

SPAN 5.000MHz

CENTER 1.989800GHz

*RBW 1.0MHz *VBW 1.0MHz

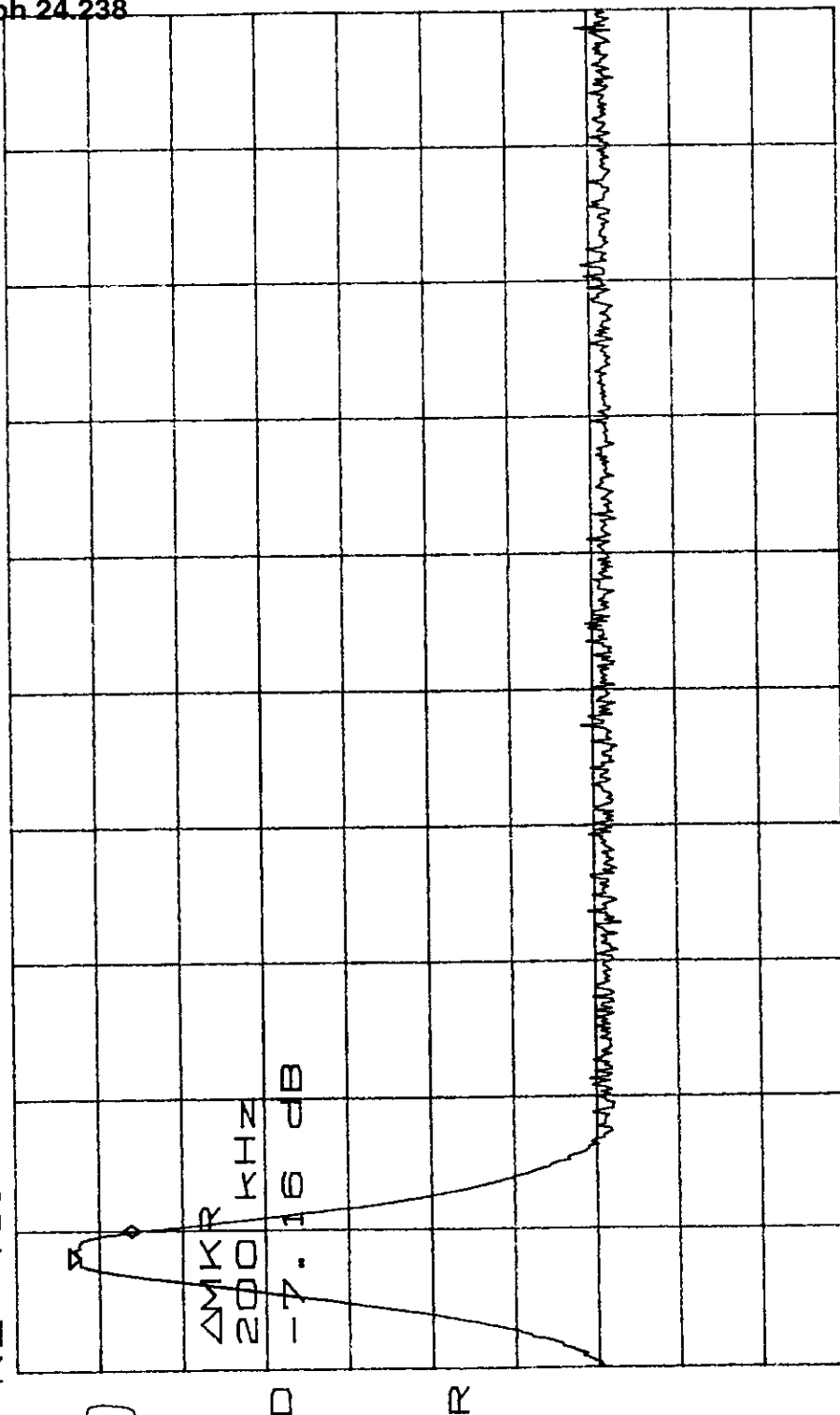
Part 24, Paragraph 24.238

3/27/98
Fcc ID: LB41901

DL Output
M_{ax} Hold

DL High (C-band)

ATTEN 20dB GSM source for PCS #100 ΔMKR -7.16dB
RL 40.0dBm 10dB/ 200kHz



CENTER 1.99400GHZ SPAN 10.00MHZ
*RBW 100kHz *VBW 1.0MHZ SWP 50.0ms

24.235

Tested by ORTEL CORPORATION.

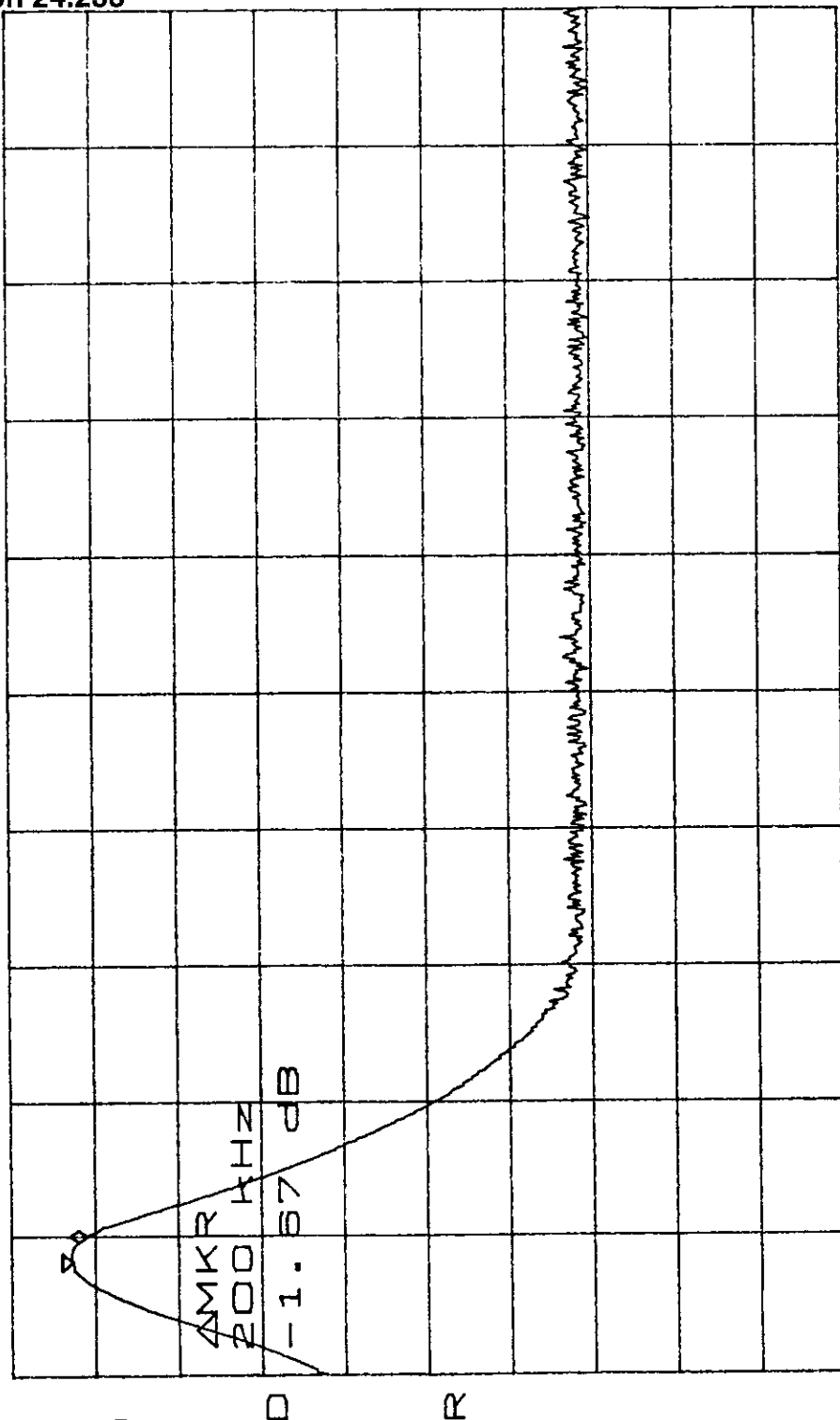
Part 24, Paragraph 24.238

3/27/98
FCC ID: LB41901

DL Output
Max Hold

DL High (C-band)

ATTEN 20dB GSM source for PCS 1900 ΔMKR -1.67dB
RL 40.0dBm 10dB/ 200kHz

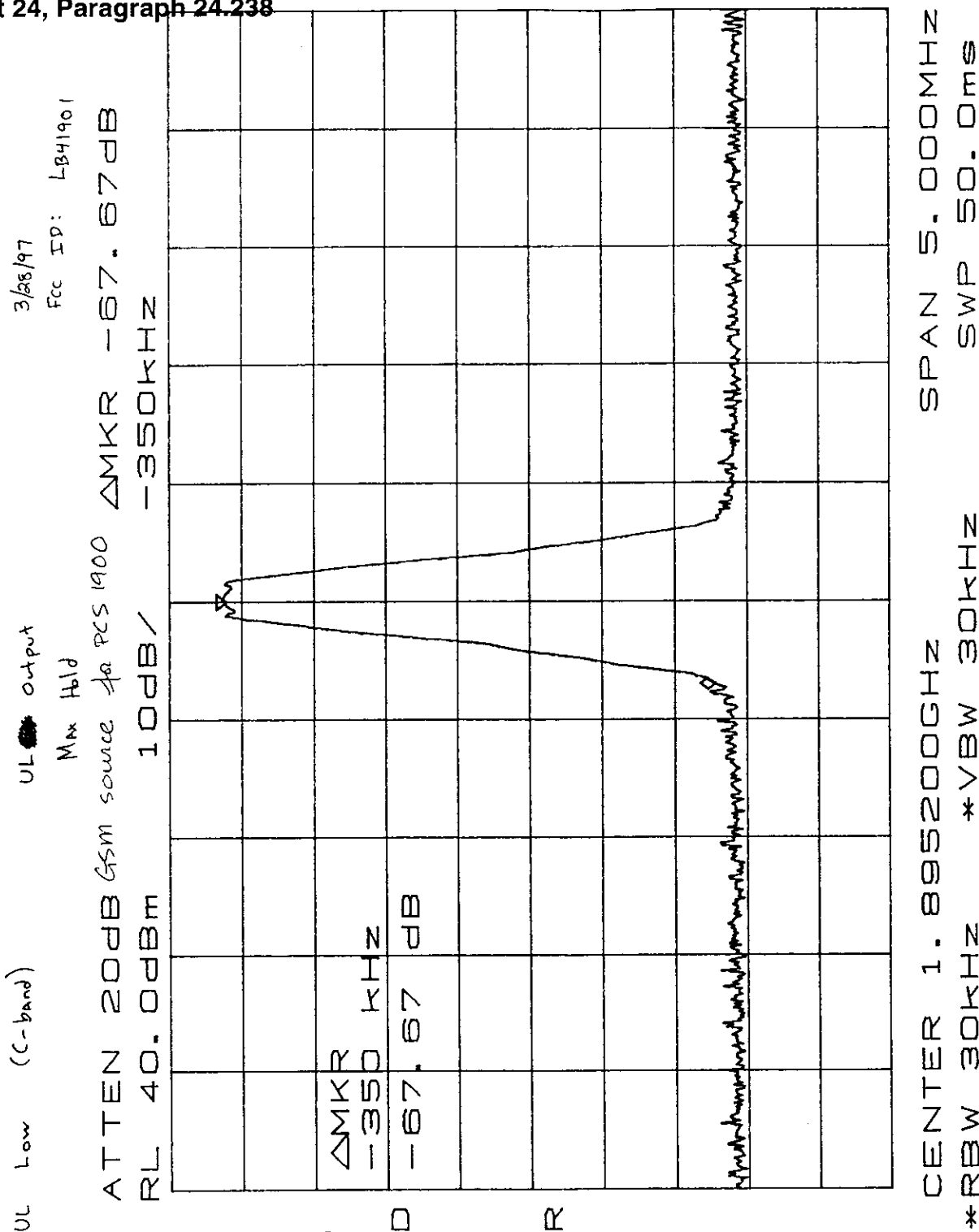


CENTER 1.994000GHZ SPAN 10.00MHZ
*RBW 300KHZ *VBW 1.0MHZ SWP 50.0ms

24238

Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238



24.238

Tested by ORTEL CORPORATION.

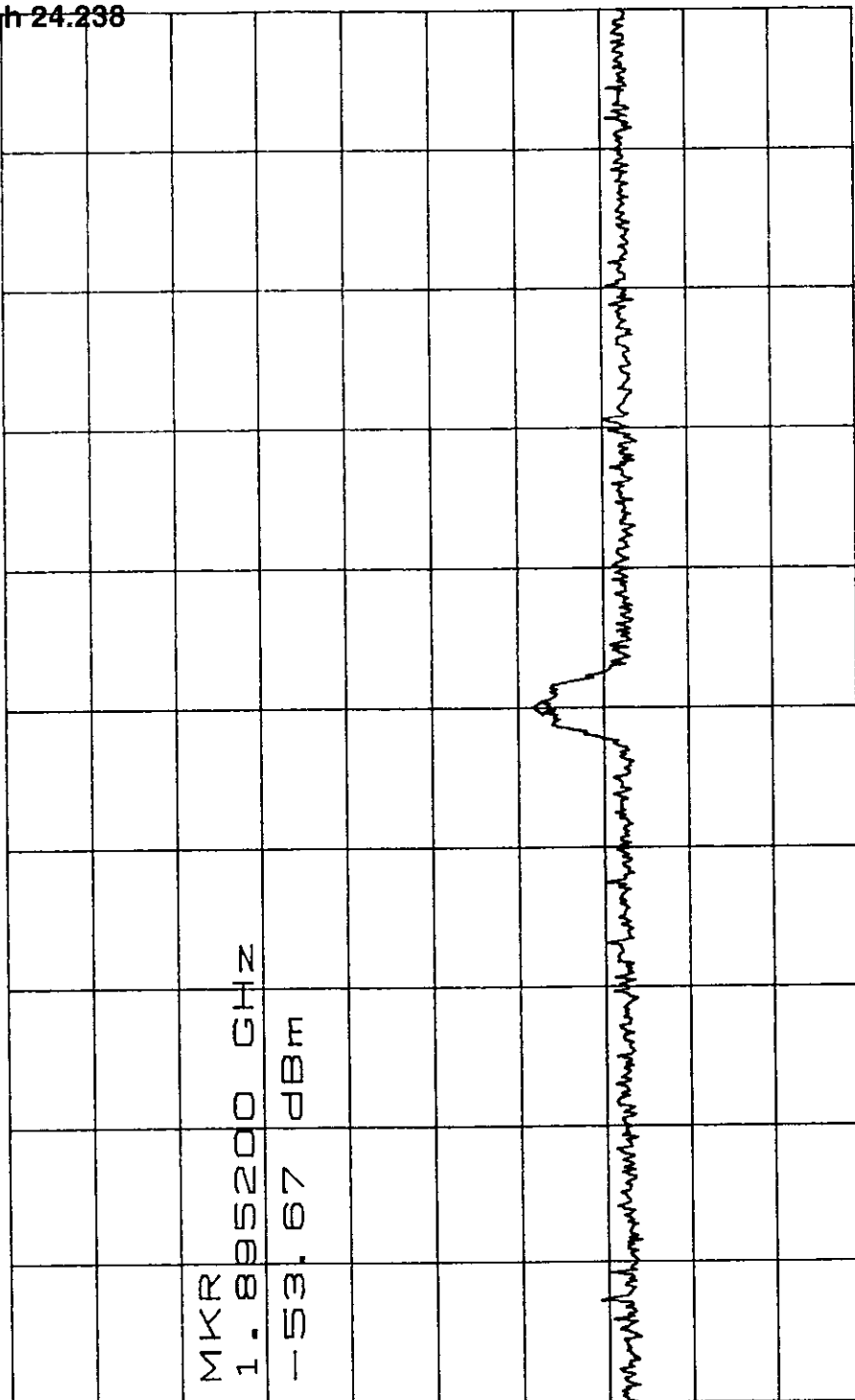
Part 24, Paragraph 24.238

3/28/98
FCC ID: LB41901

UL Low (C-band)

Input Signal
Max Hold

ATTEN 30dB GSM source for PCS 1900 MKR -53.67dBm
RL 10.0dBm 10dB/ 1.895200GHZ

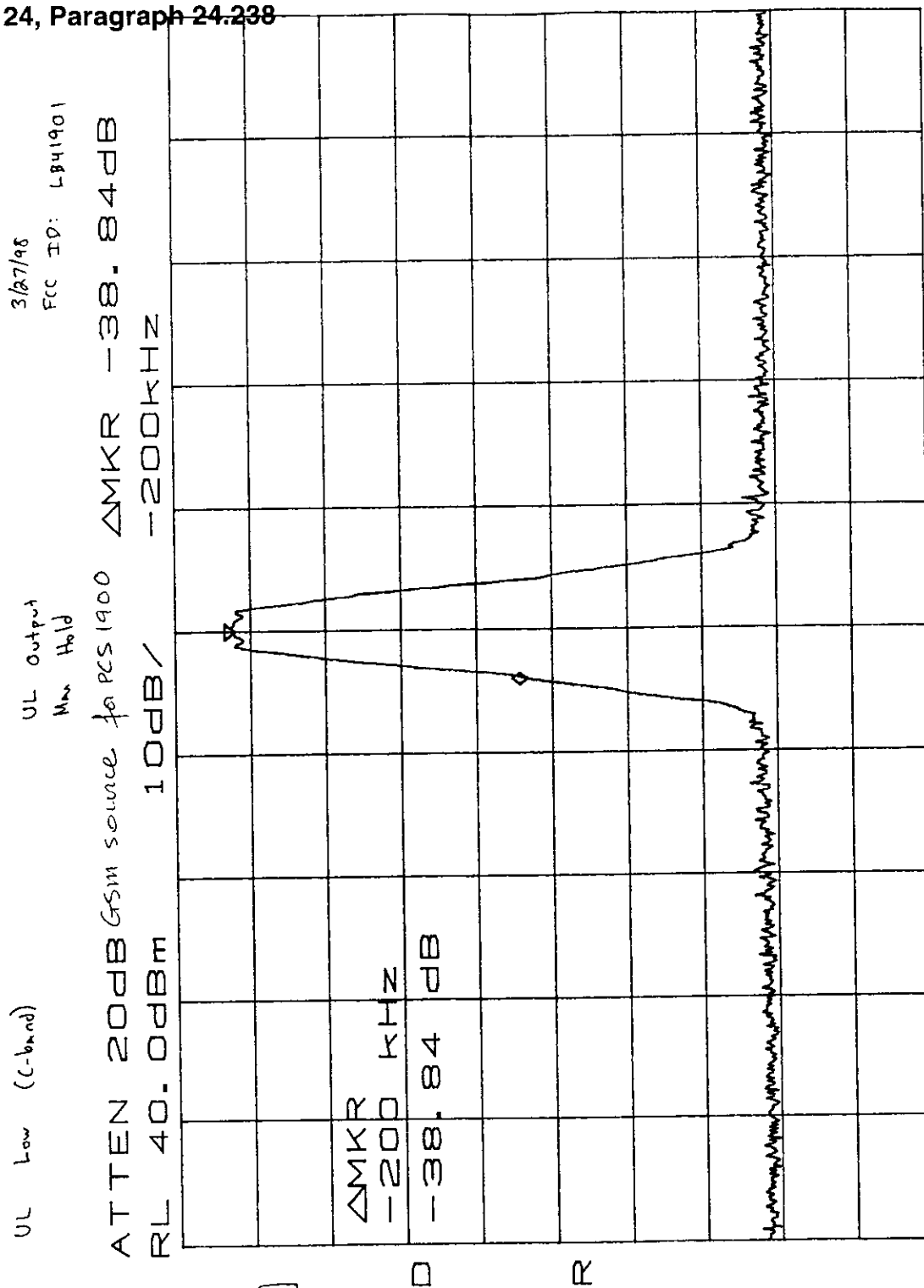


CENTER 1.895200GHZ SPAN 5.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

24.238

Tested by ORTEL CORPORATION.

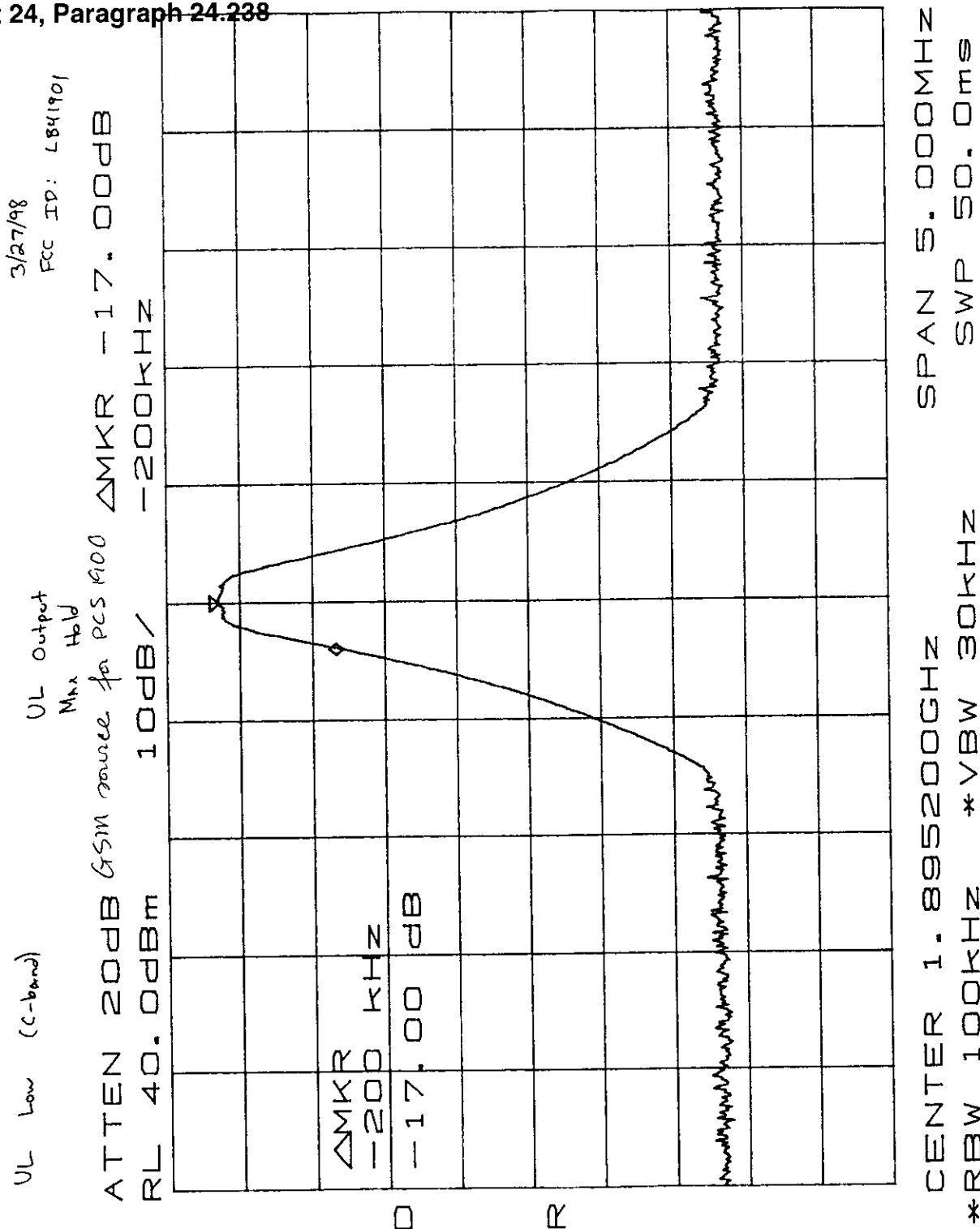
Part 24, Paragraph 24.238



24.238

Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238



24.238

Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238

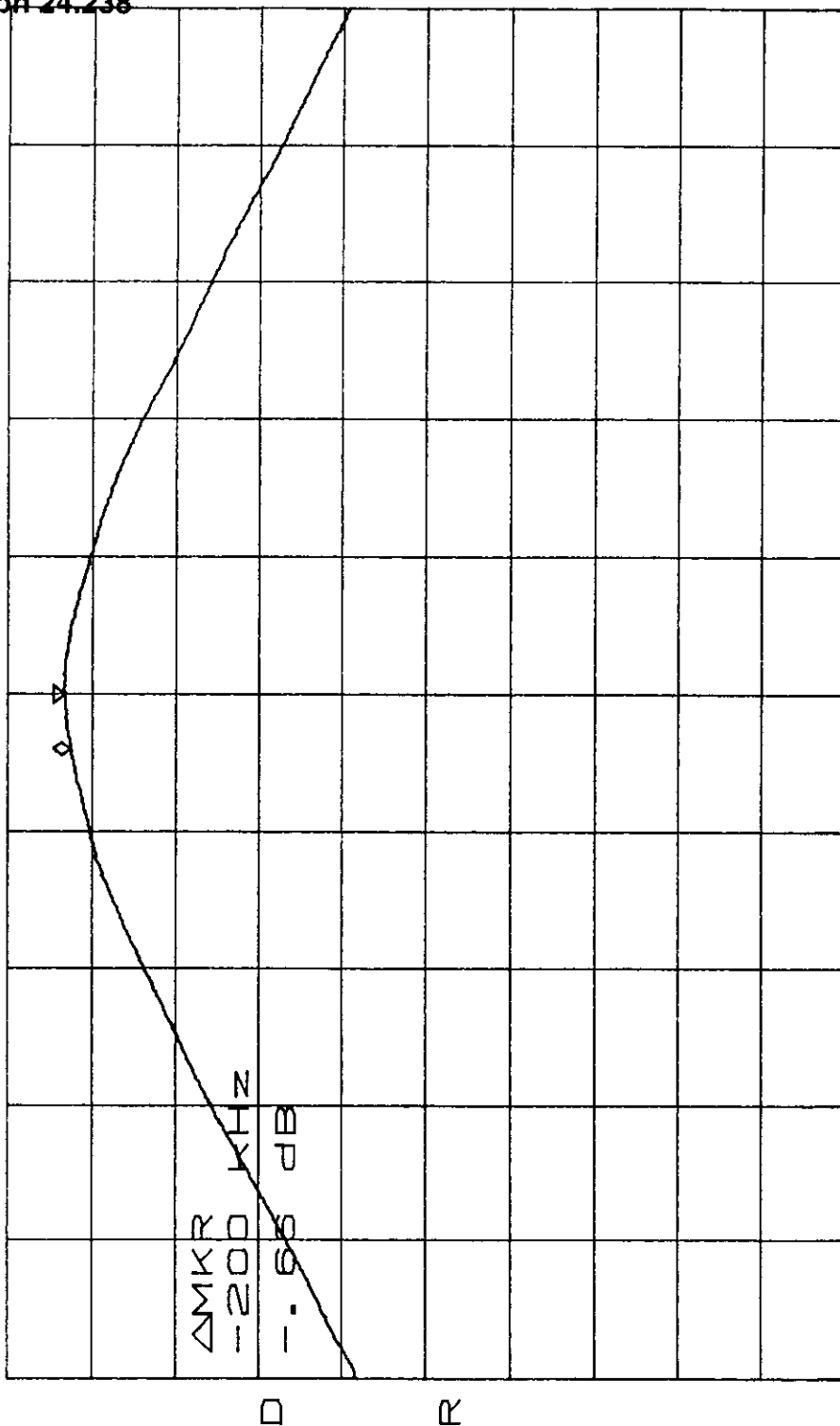
3/27/98
FCC ID: LB41901

UL ~~Low~~ Output
Max Hold

UL Low (C-band)

ATTEN 20dB GSM source for PCS1900 Δ MKR - .66dB

RL 40.0dBm 10dB/ -200kHz



CENTER 1.895200GHZ SPAN 5.000MHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50.0ms

24.238

Tested by ORTEL CORPORATION.

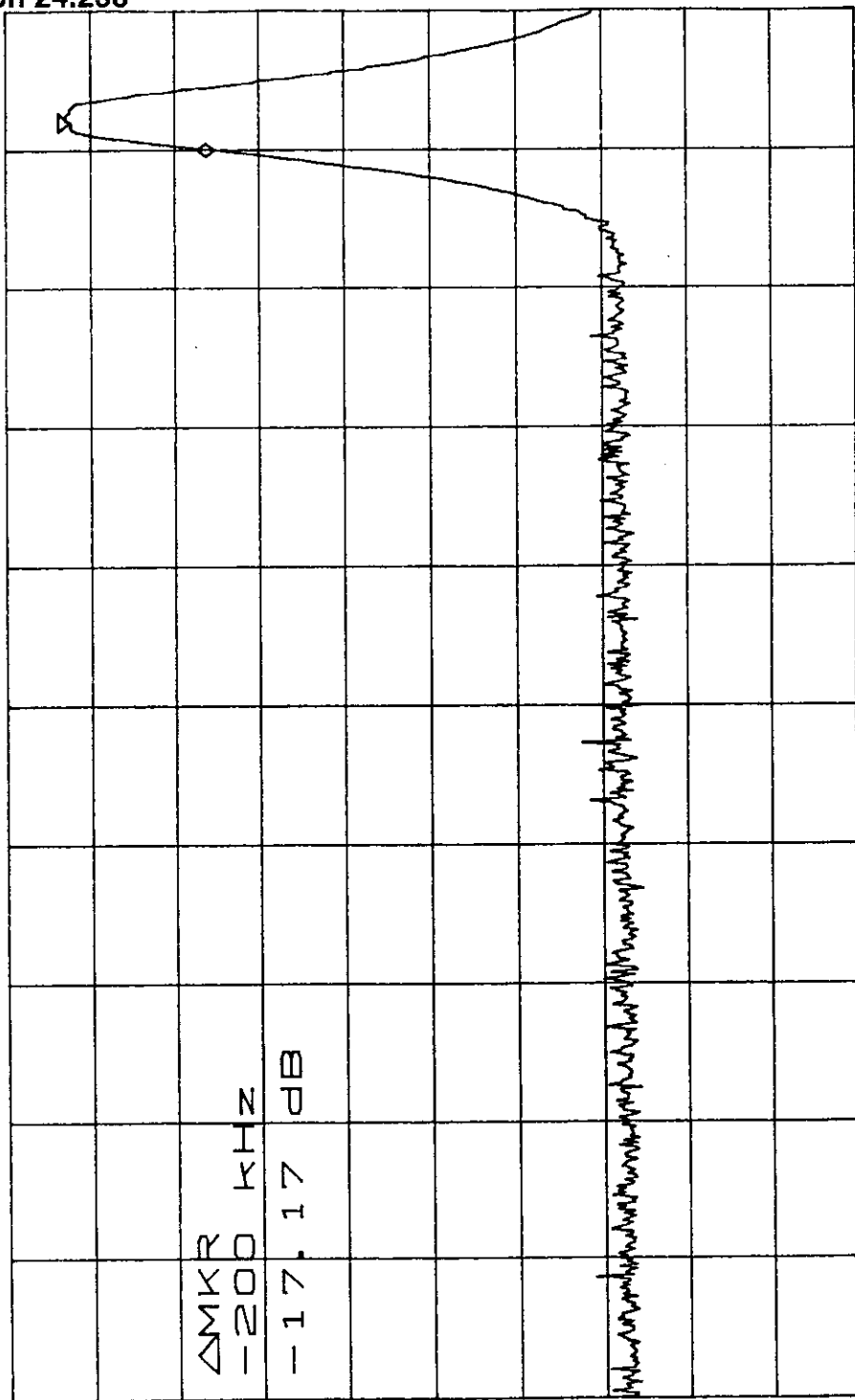
Part 24, Paragraph 24.238

3/27/98
FCC ID: LB41901

UL Output
Max Hold

UL Low (C-band)

ATTEN 20dB GSM source for PCS1900 ΔMKR -17.17dB
RL 40.0dBm 10dB/-200kHz



CENTER 1.89100GHz SPAN 10.00MHz
*RBW 100kHz *VBW 1.0MHz SWP 50.0ms

24.238

Tested by ORTEL CORPORATION.

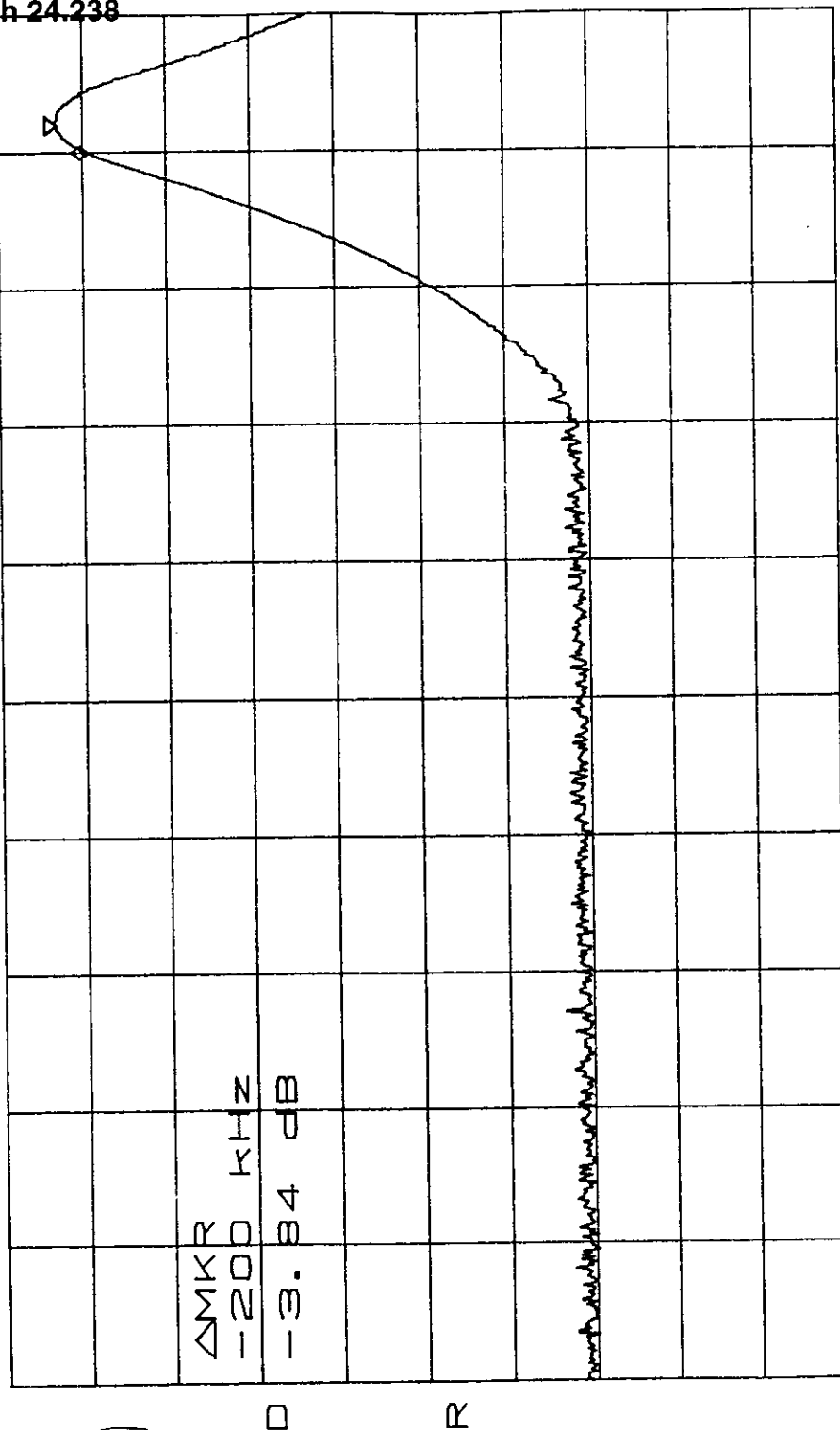
Part 24, Paragraph 24.238

3/27/98
FCC ID: LB41901

UL Low (C-band)

UL output
Max Hold

ATTEN 20dB GSM source for PCS 1900 ΔMKR -3.84dB
RL 40.0dBm 10dB/ -200kHz

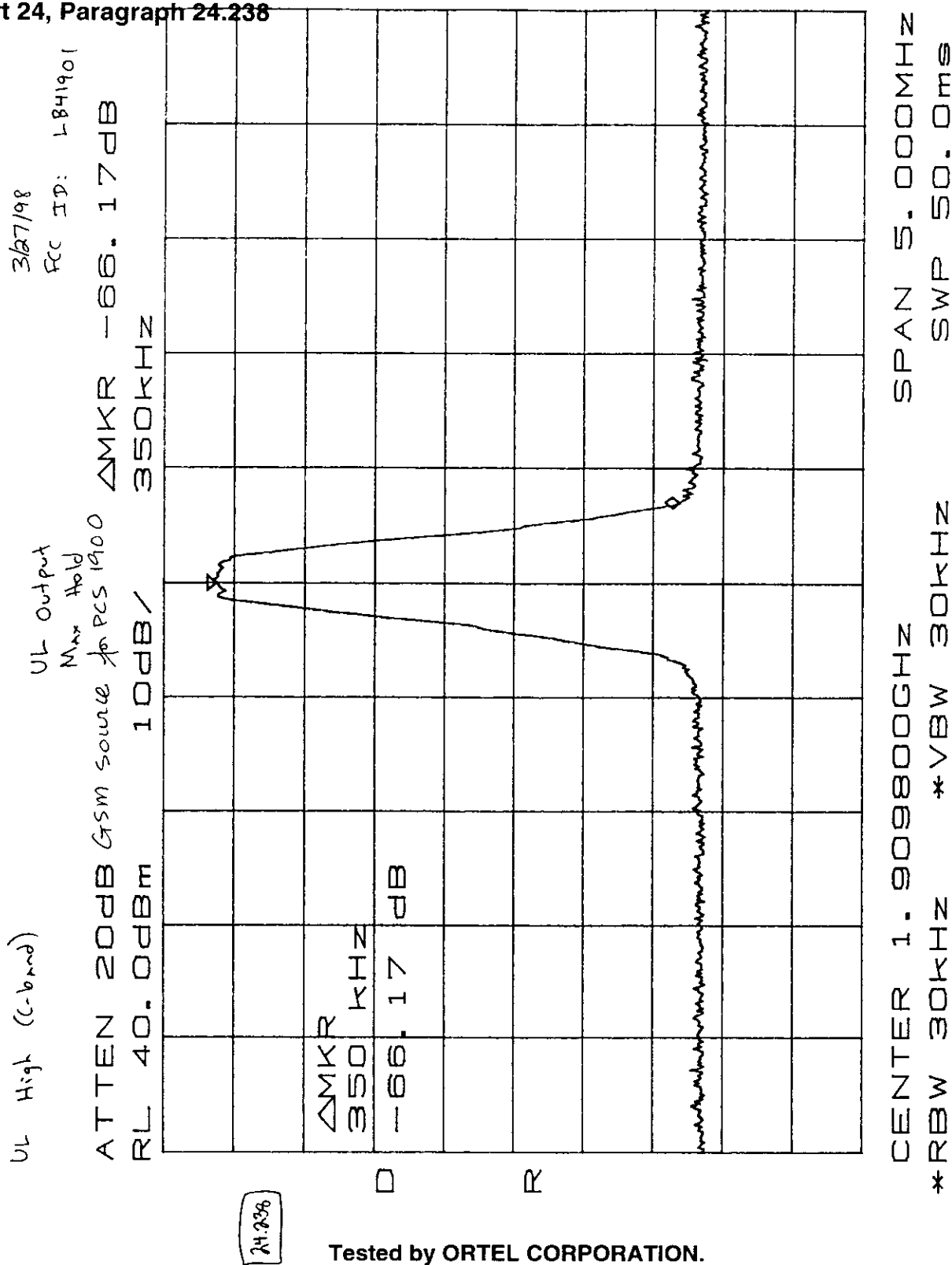


24.238

Tested by ORTEL CORPORATION.

CENTER 1.89100GHz SPAN 10.00MHz
*RBW 300kHz *VBW 1.0MHz SWP 50.0ms

Part 24, Paragraph 24.238



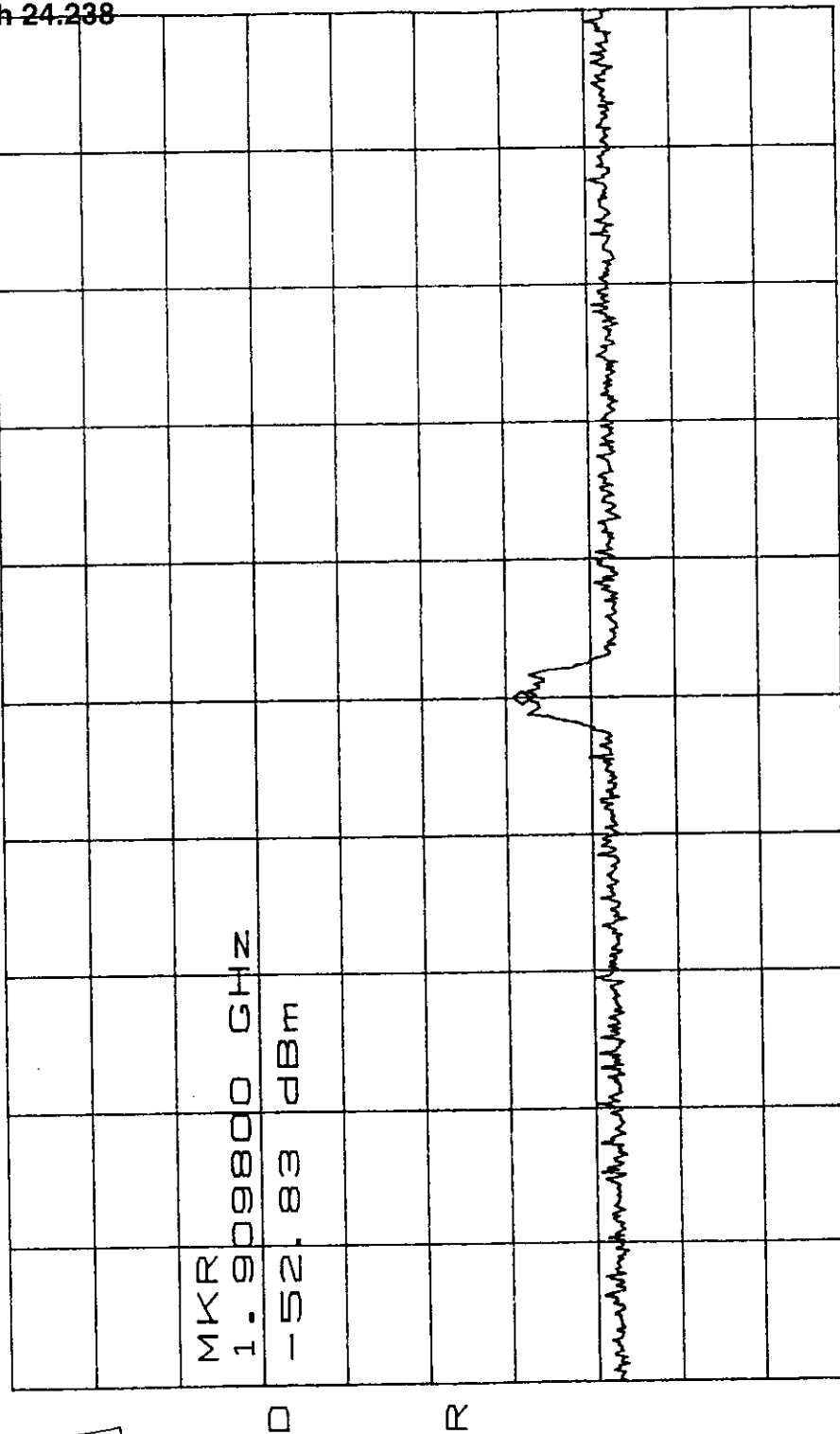
Part 24, Paragraph 24.238

3/27/98
FCC ID: LB41901

Input Signal
Max Hold

UL High (C-band)

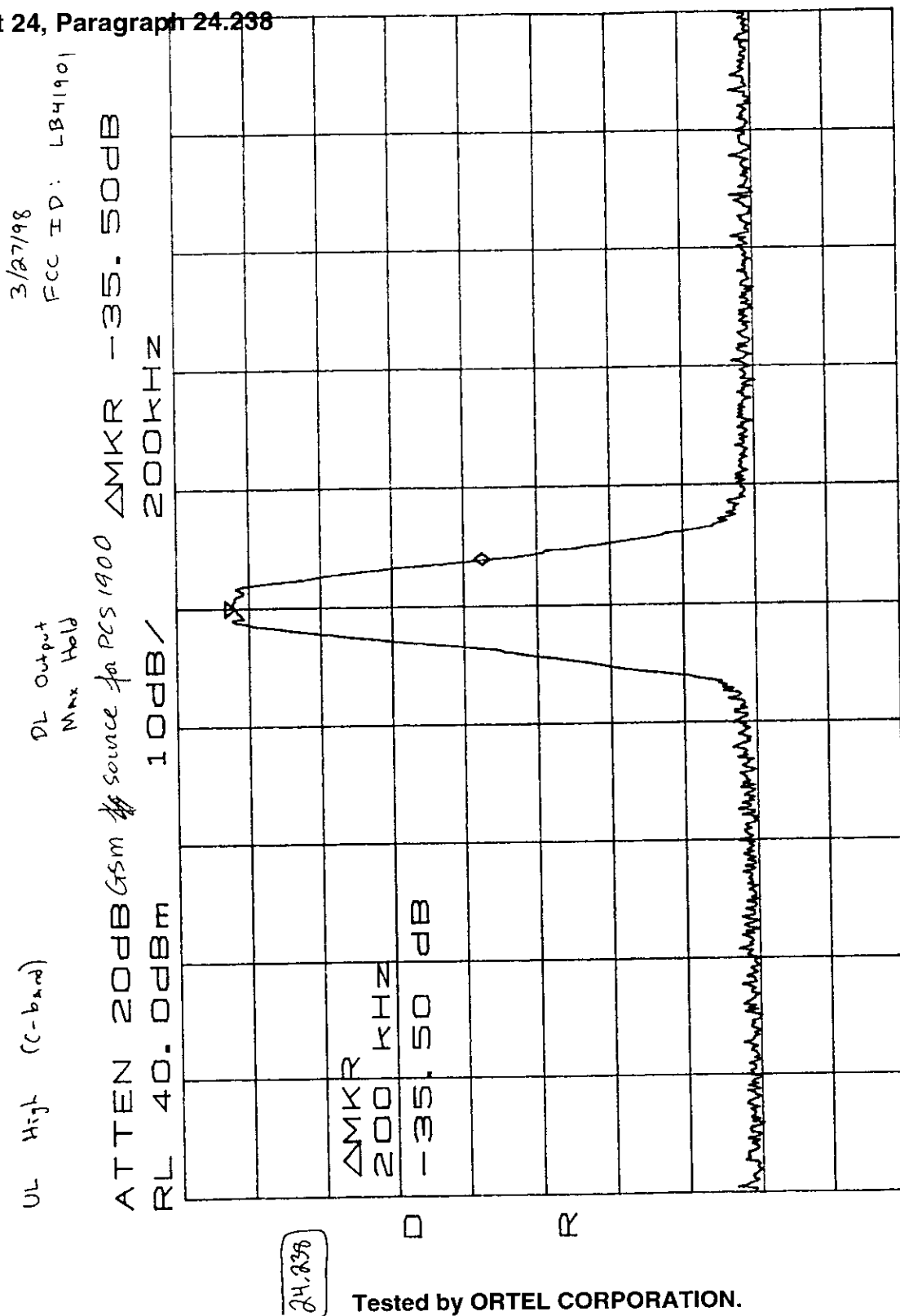
ATTEN 30dB GSM source for PCS 1900 MKR -52.83dBm
RL 10.0dBm 10dB/ 1.909800GHZ



CENTER 1.909800GHZ SPAN 5.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

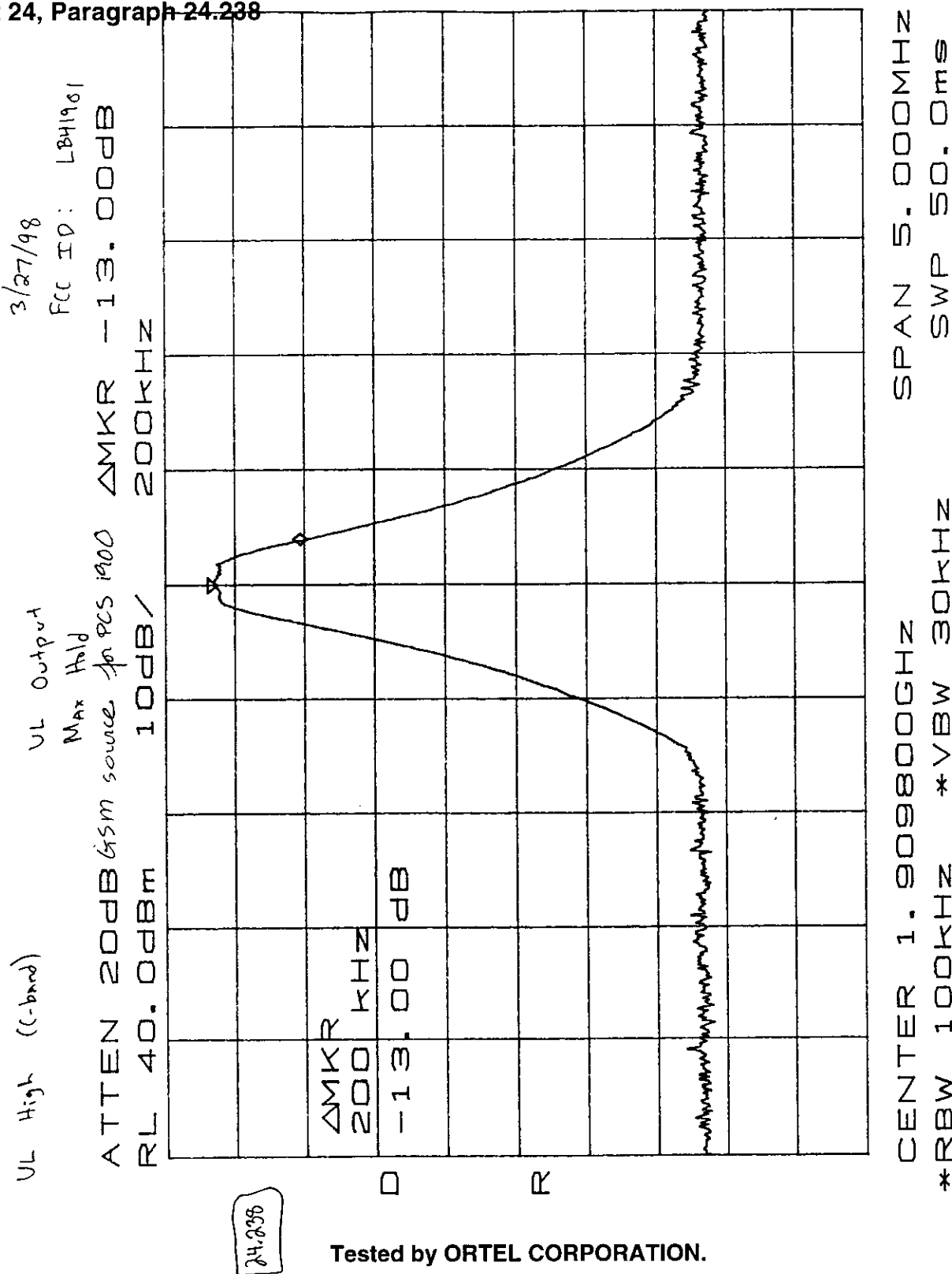
Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238

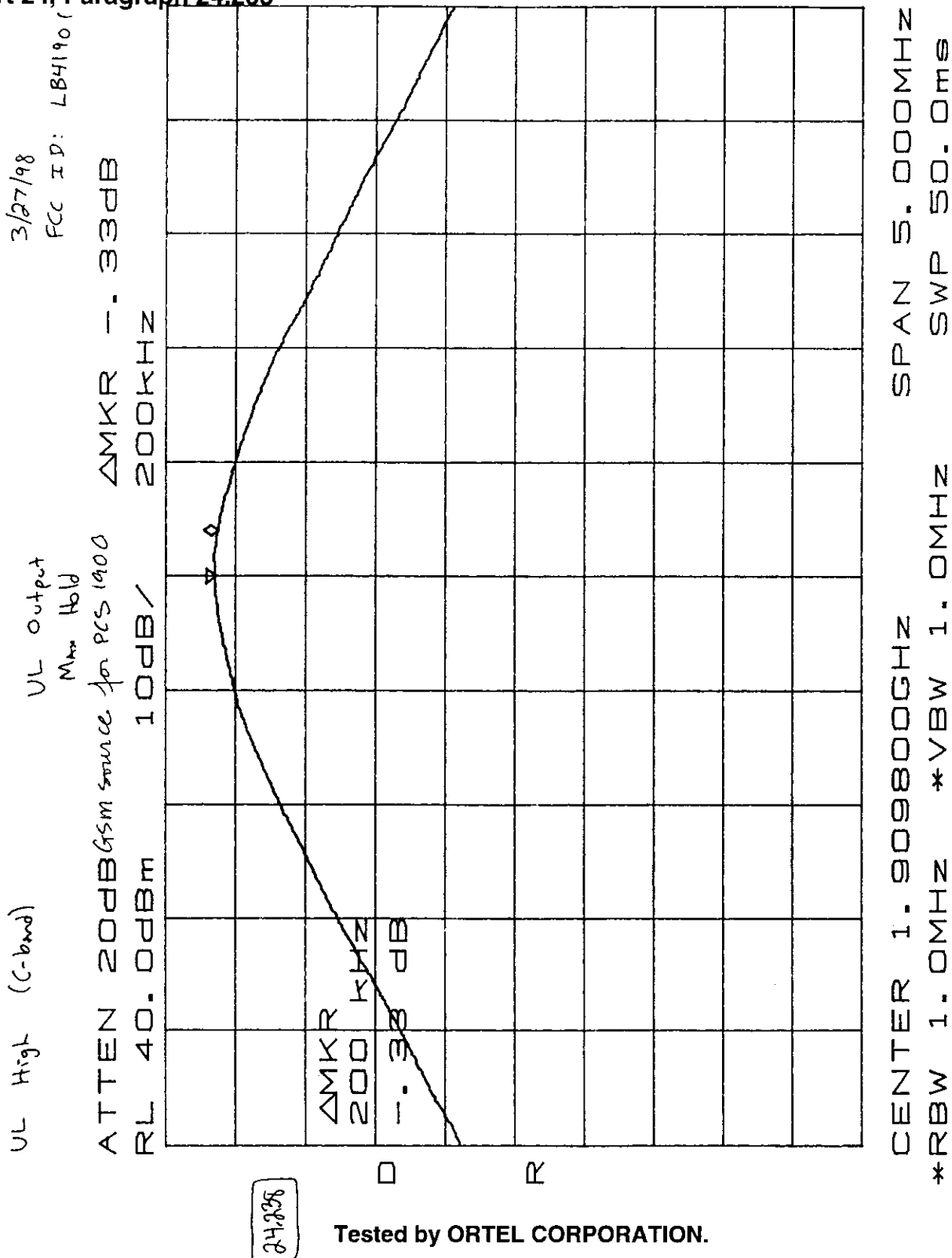


CENTER 1.909800GHZ SPAN 5.000MHZ
*RBW 30KHZ *VBW 30KHZ SWP 50.0ms

Part 24, Paragraph 24.238



Part 24, Paragraph 24.238



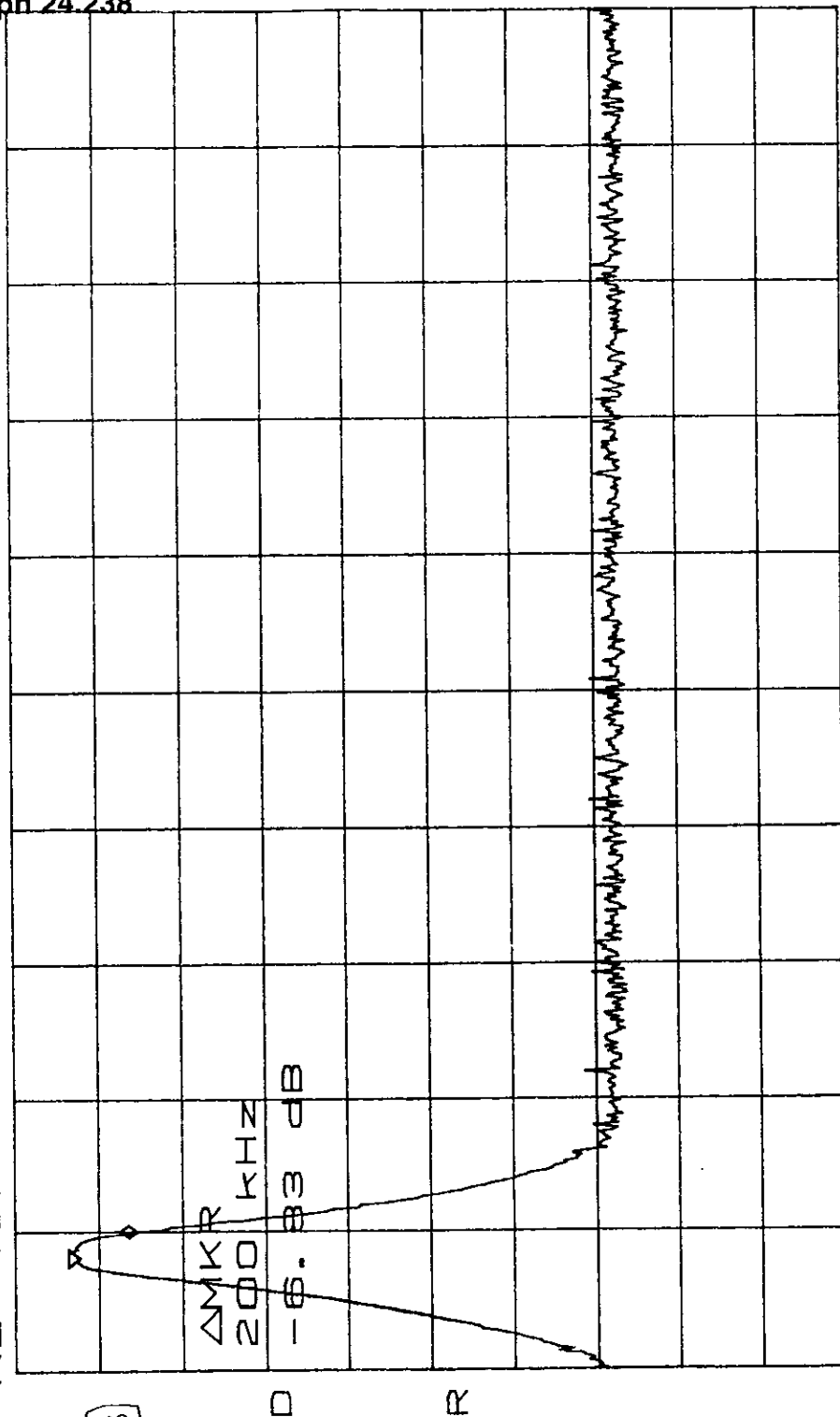
Part 24, Paragraph 24.238

3/27/98
FCC ID: LB41901

UL Output
Max Hold

UL High (C-band)

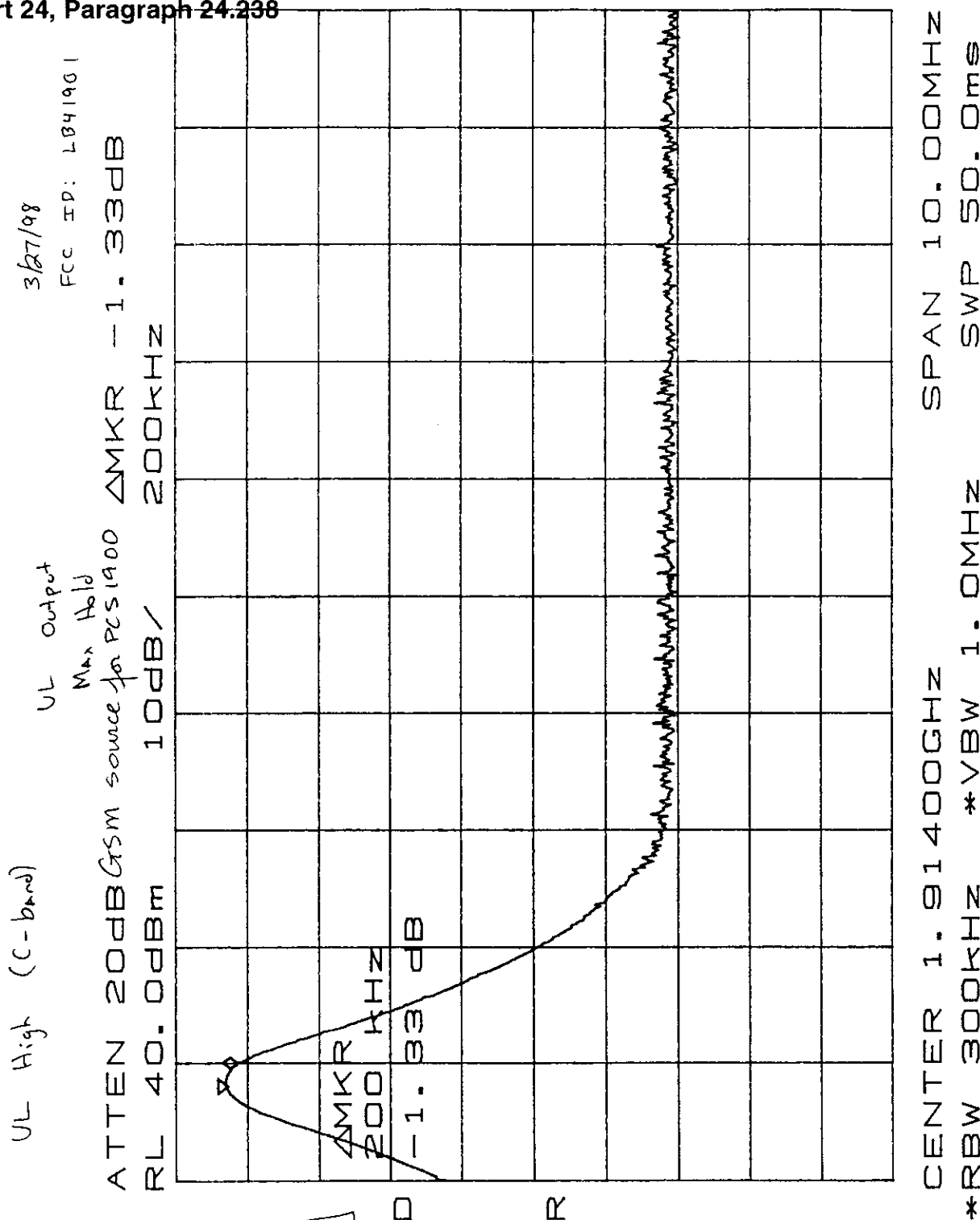
ATTEN 20dB GSM source for PCS1900 Δ MKR -6.83dB
RL 40.0dBm 10dB/ 200kHz



CENTER 1.91400GHZ
*RBW 100kHz *VBW 1.0MHz
SPAN 10.00MHz SWP 50.0ms

Tested by ORTEL CORPORATION.

Part 24, Paragraph 24.238



24.238

Tested by ORTEL CORPORATION.

3 RADIATED EMISSION DATA

The following data lists the significant emission frequencies, measured levels, correction factor (which includes cable and antenna corrections), the corrected reading, and the limit.

See following page(s).

Emissions Test Conditions: RADIATED EMISSIONS (Electric Field)

The *EQUIVALENT RADIATED EMISSIONS* measurements in the frequency range 1 GHz - 20 GHz were performed in a horizontal and vertical polarization at the following test location :

☐ - Test not applicable

- ☒ - Roof (Small Open Area Test Site)
- ☐ - Canyon #1 (10- and 30-Meter Open Area Test Site), Carroll Canyon, San Diego
- ☐ - Canyon #2 (3- and 10-Meter Open Area Test Site), Carroll Canyon, San Diego

Testing was performed at a test distance of:

- ☐ - 1 meters
- ☒ - 3 meters
- ☐ - 10 meters

Test Equipment Used :

Model No.	Prop. No.	Description	Manufacturer	Serial No.
☒ - 8566B	407	Spectrum Analyzer	Hewlett Packard	2311A02209
☒ - 85662B	406	Spectrum Analyzer Display	Hewlett Packard	2309A04682
☐ - 3115	453	Antenna, Double Ridge Guide	EMCO	9412-4363
☒ - 3115	251	Antenna, Double Ridge Guide	EMCO	2495
☐ - AFD3-0102-13-ST	366	Pre-Amplifier (38 dB gain), 1 to 2 GHz	Miteq, Inc.	16429
☒ - AFD3-0208-40-ST	367	Pre-Amplifier (30 dB gain), 2 to 8 GHz	Miteq, Inc.	155382
☒ - AFS4-08001800-70-10P-4	368	Pre-Amplifier (22 dB gain), 8 to 18 GHz	Miteq, Inc.	167
☐ - 91888-2	252	Horn Antenna (1 to 2 GHz)	Eaton	101
☐ - 91889-2	253	Horn Antenna (2 to 3.6 GHz)	Eaton	101
☐ - 91892-1	254	Reflector Antenna (3.6 to 18 GHz)	Eaton	--
☐ - 94613-1	255	Horn Antenna (3.6 to 7.6 GHz)	Eaton	--
☐ - 91891-2	256	Horn Antenna (7.3 to 12 GHz)	Eaton	--
☐ - 94614-1	257	Horn Antenna (12 to 18 GHz)	Eaton	--

Remarks: _____
