

RETLIF TESTING LABORATORIES

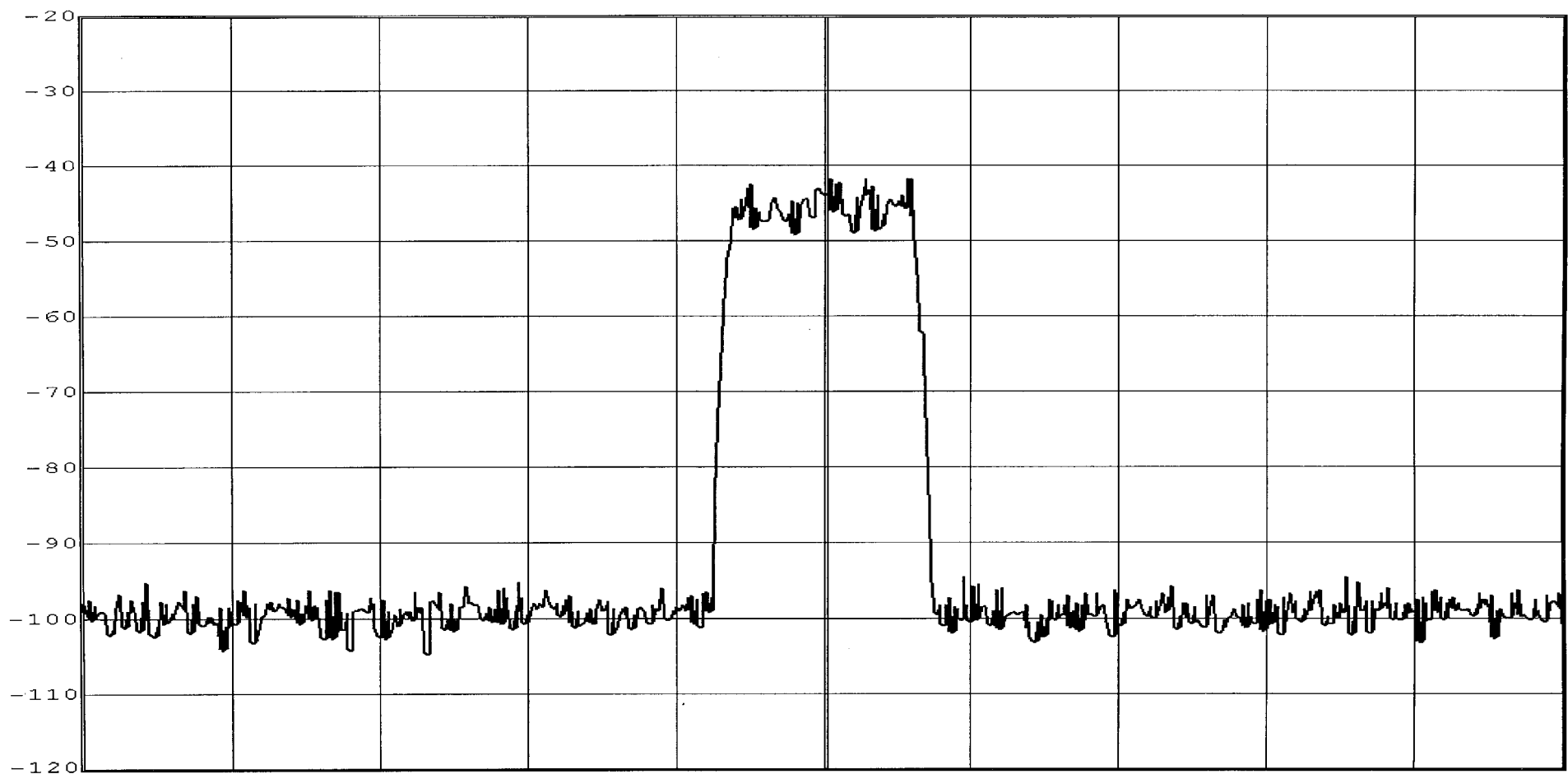
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block A, 1930-1945 MHz	Frequency: 1931.25 MHz	Modulation: CDMA
		Input Signal	



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm



A

IN1

2MA

Center 1.93125 GHz

1 MHz/

Span 10 MHz

Date: 24.JUN.2003 06:40:09

RETLIF TESTING LABORATORIES

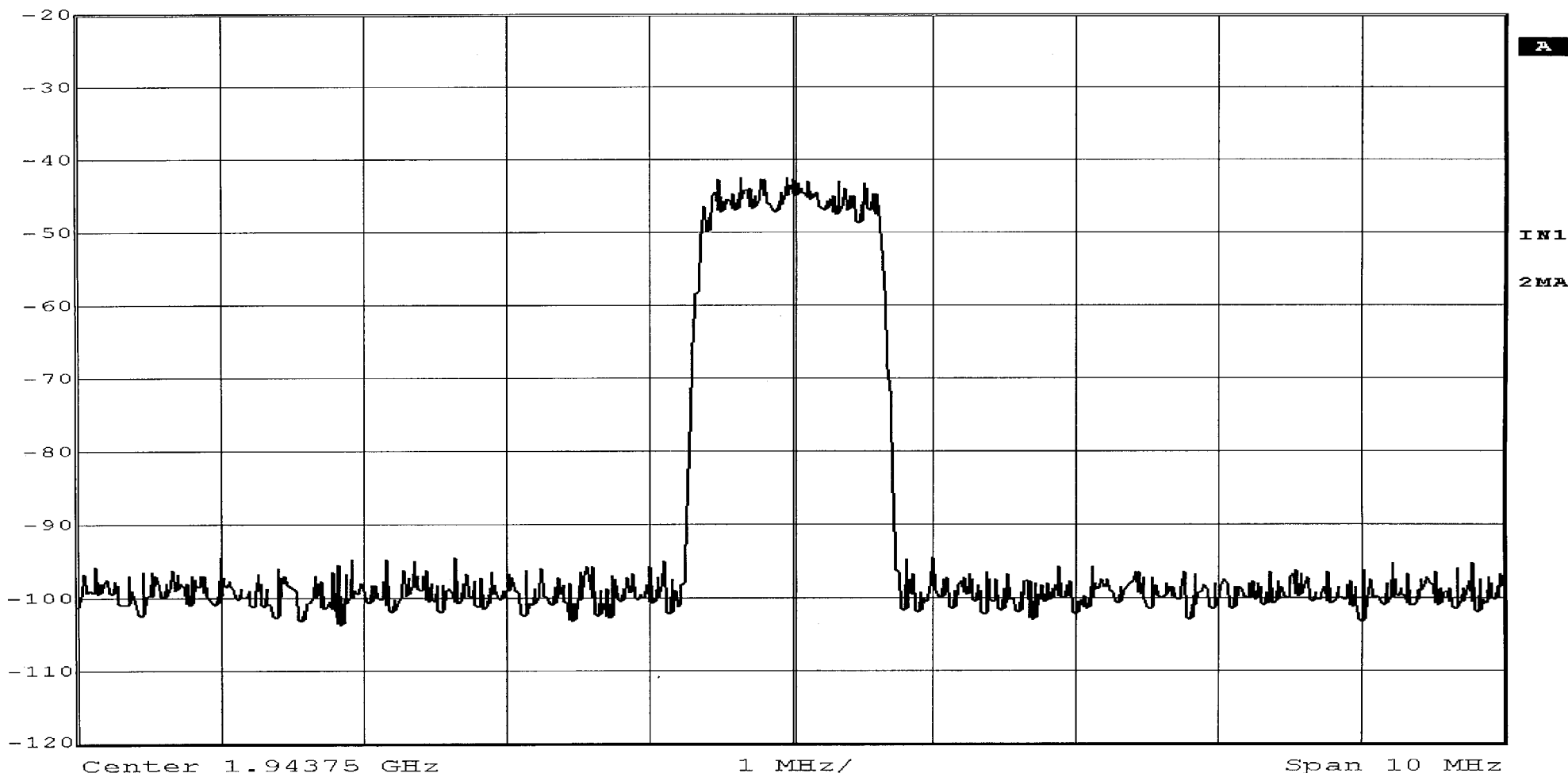
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block A, 1930-1945 MHz Frequency: 1943.75 MHz Modulation: CDMA Input Signal		



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm

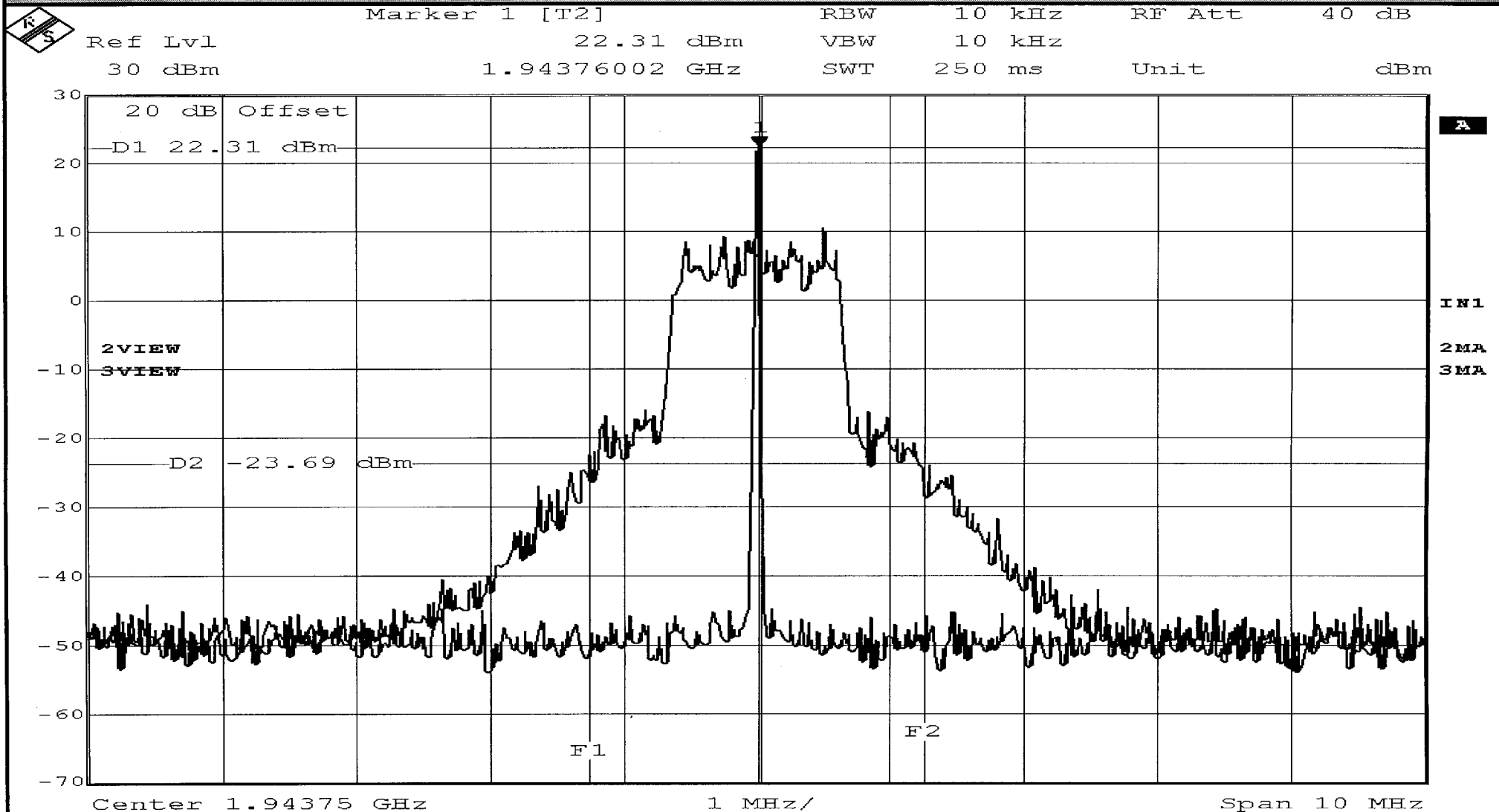


Date: 24.JUN.2003 06:40:42

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block A, 1930-1945 MHz	Frequency: 1943.75 MHz	Modulation: CDMA
			Output Signal
			Job No: R-4132N
			Technician: T. Firkowski
			Date: 6/24/03



Date: 24.JUN.2003 06:42:45

RETLIF TESTING LABORATORIES

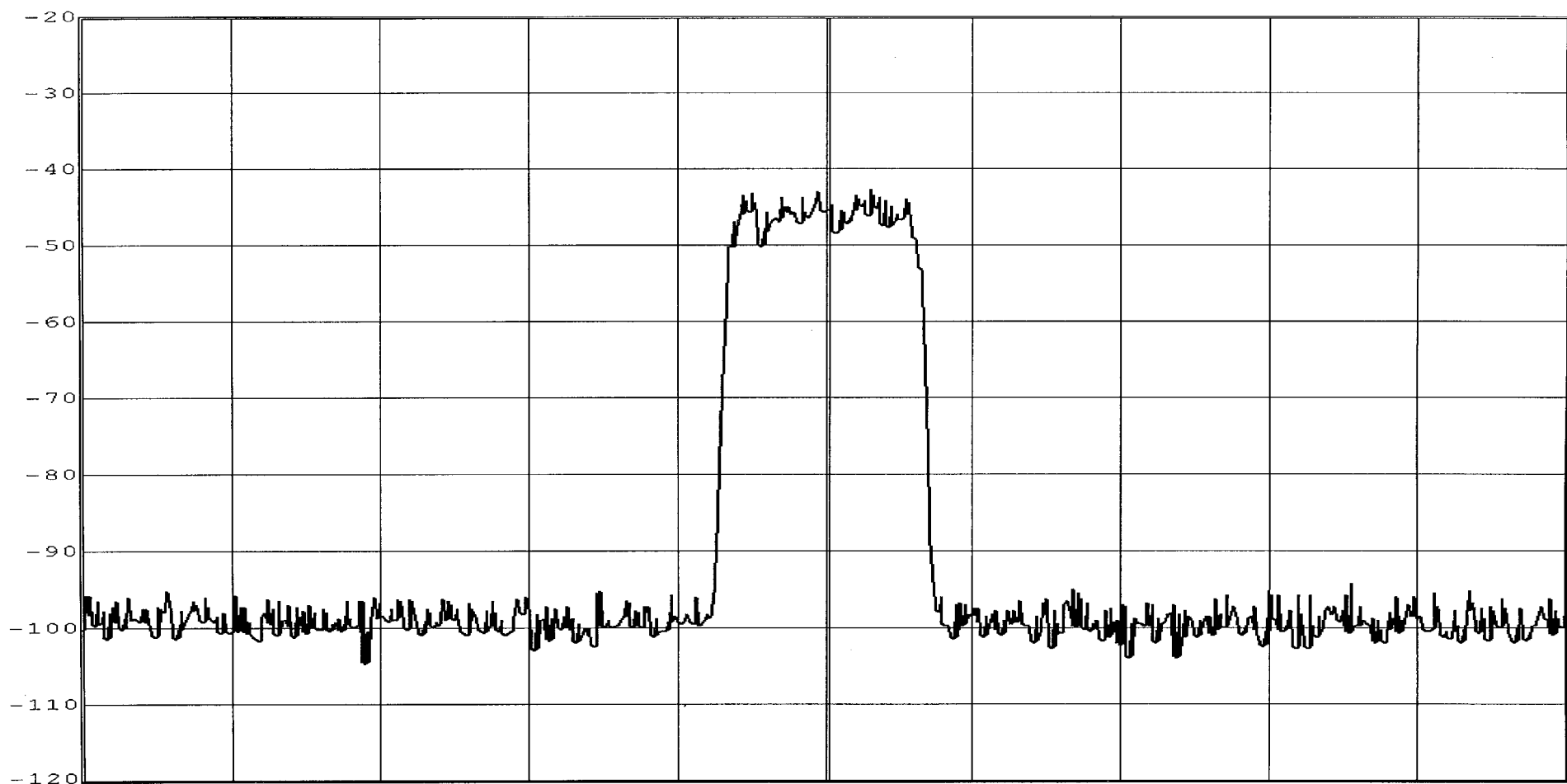
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block A, 1950-1965 MHz	Frequency: 1951.25 MHz	Modulation: CDMA
		Input Signal	



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm



A

IN1

2MA

Center 1.95125 GHz

1 MHz/

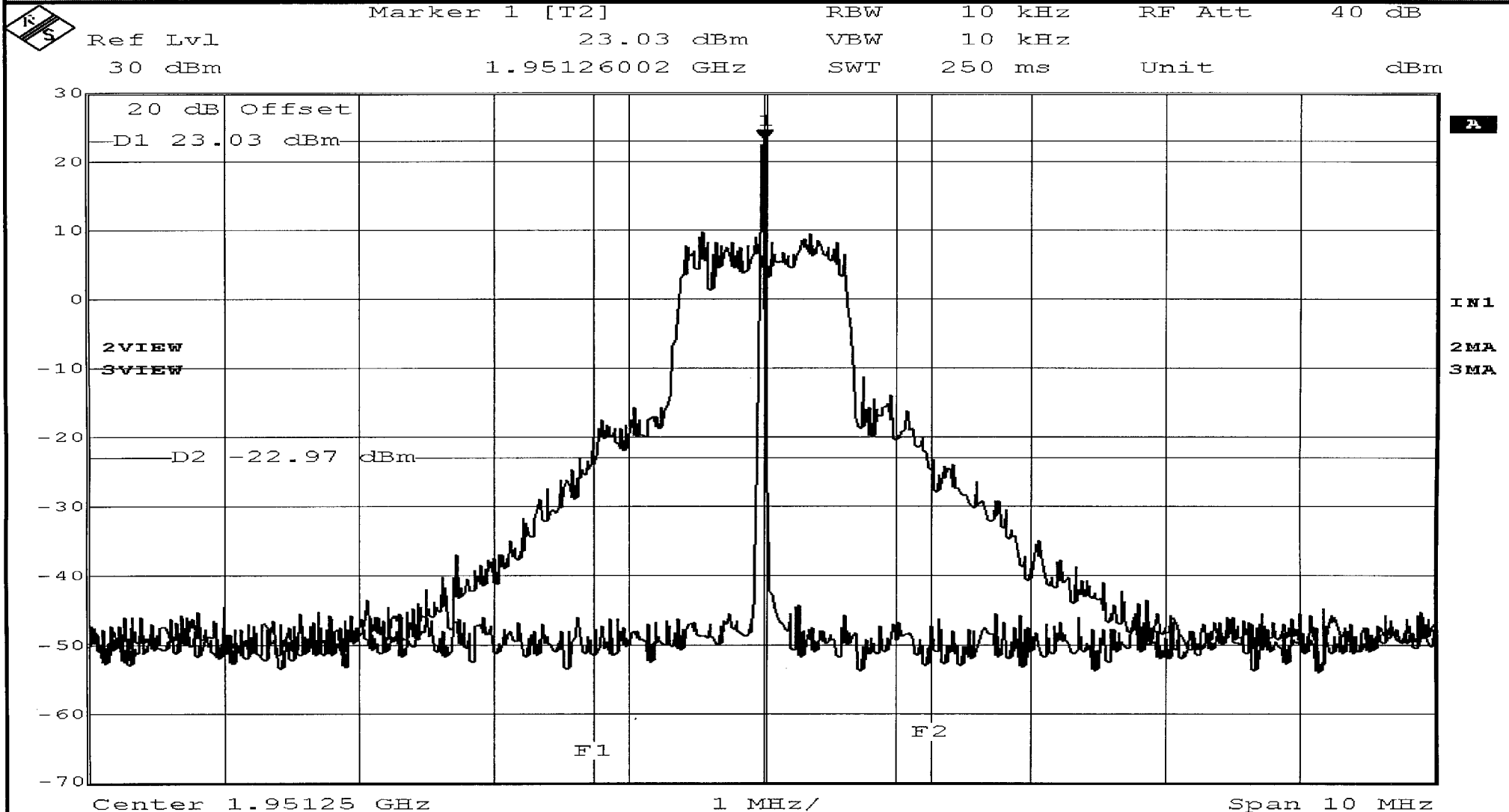
Span 10 MHz

Date: 24.JUN.2003 07:00:13

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block A, 1950-1965 MHz	Frequency: 1951.25 MHz	Modulation: CDMA
			Output Signal



Date: 24.JUN.2003 06:59:18

RETLIF TESTING LABORATORIES

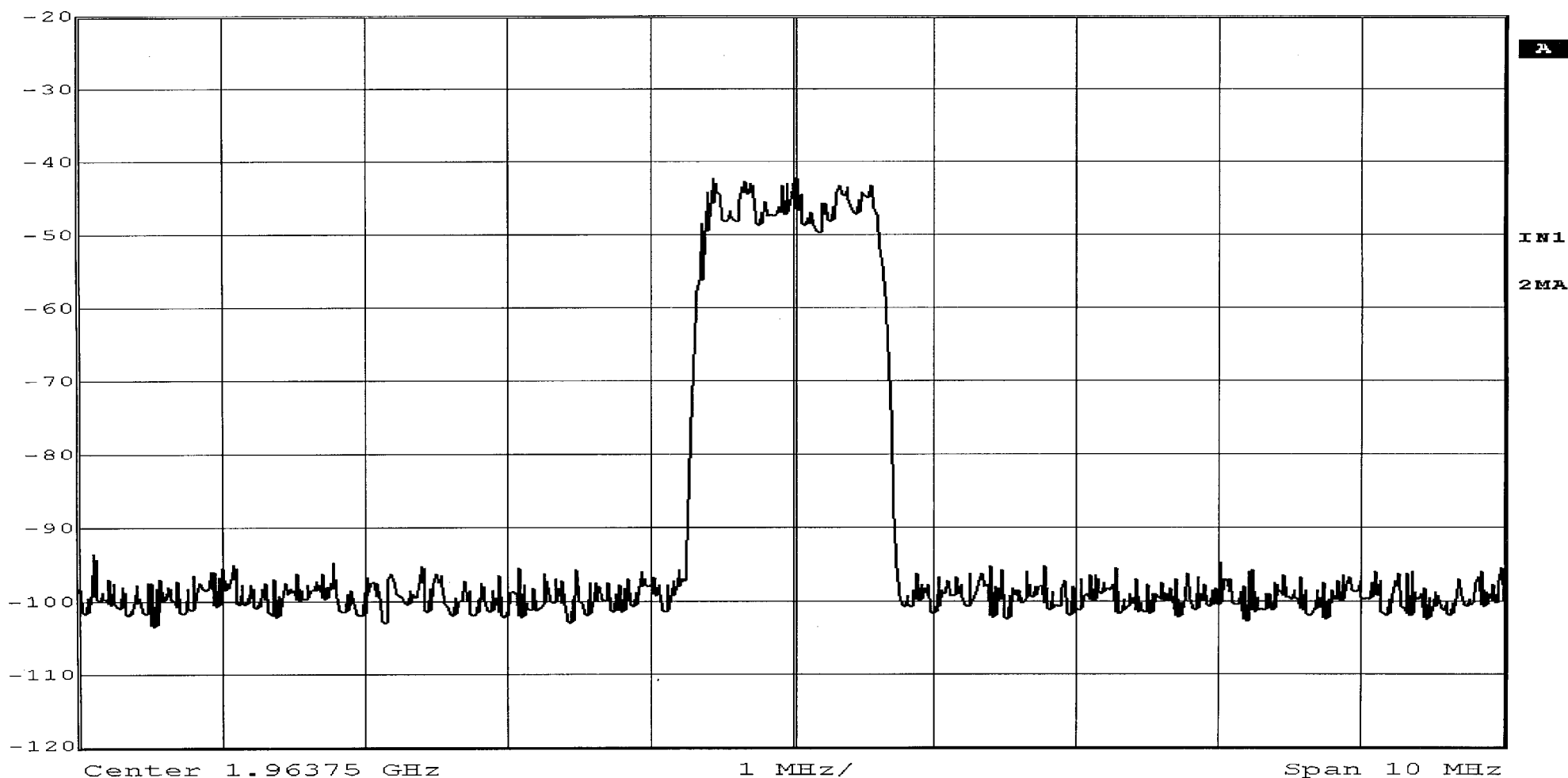
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block B, 1950-1965 MHz Frequency: 1963.75 MHz Modulation: CDMA Input Signal		
Job No:	R-4132N		
Technician:	T. Firkowski		
Date:	6/24/03		



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm

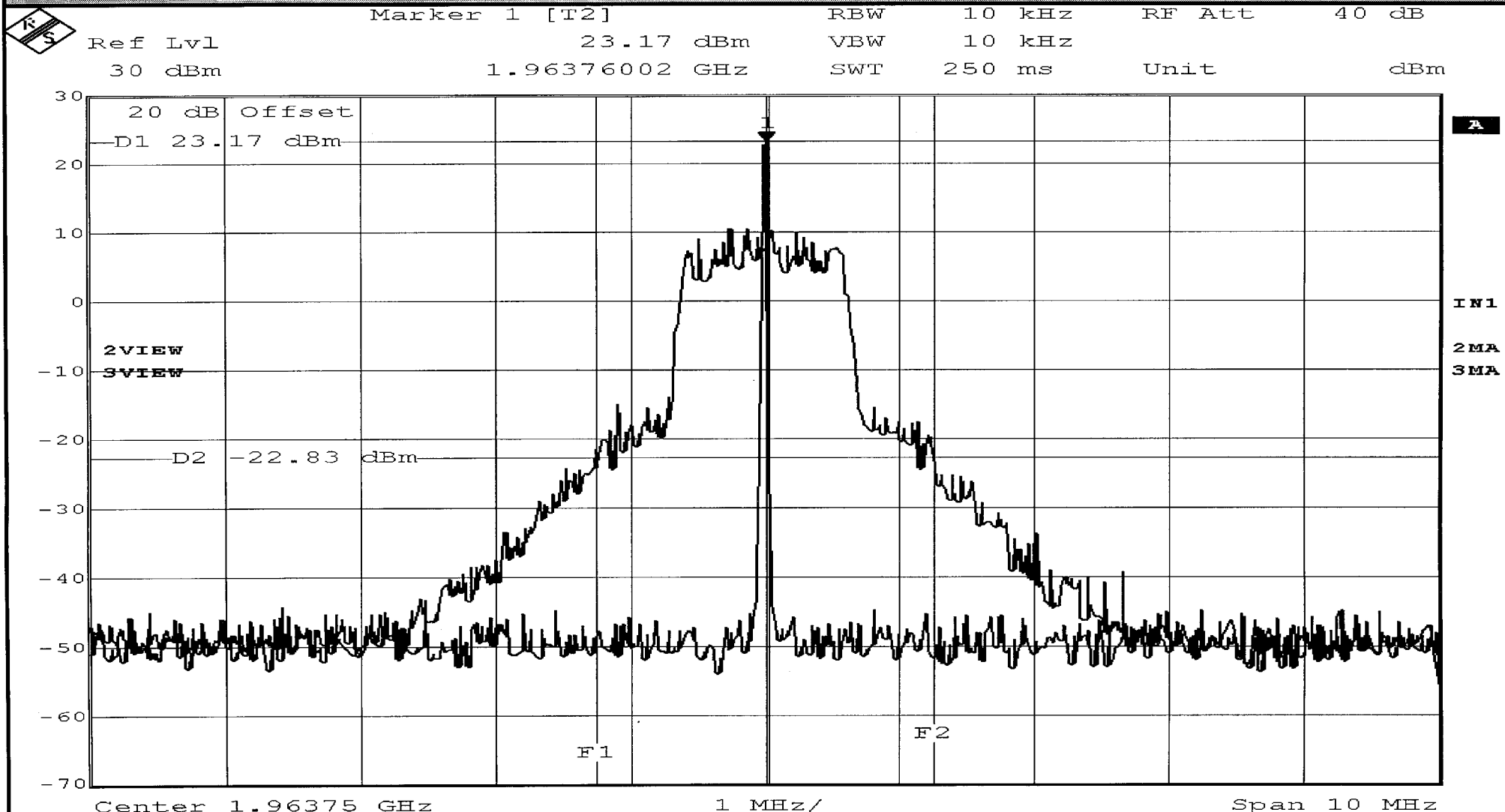


Date: 24.JUN.2003 07:01:03

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block B, 1950-1965 MHz	Frequency: 1963.75 MHz	Modulation: CDMA
			Output Signal

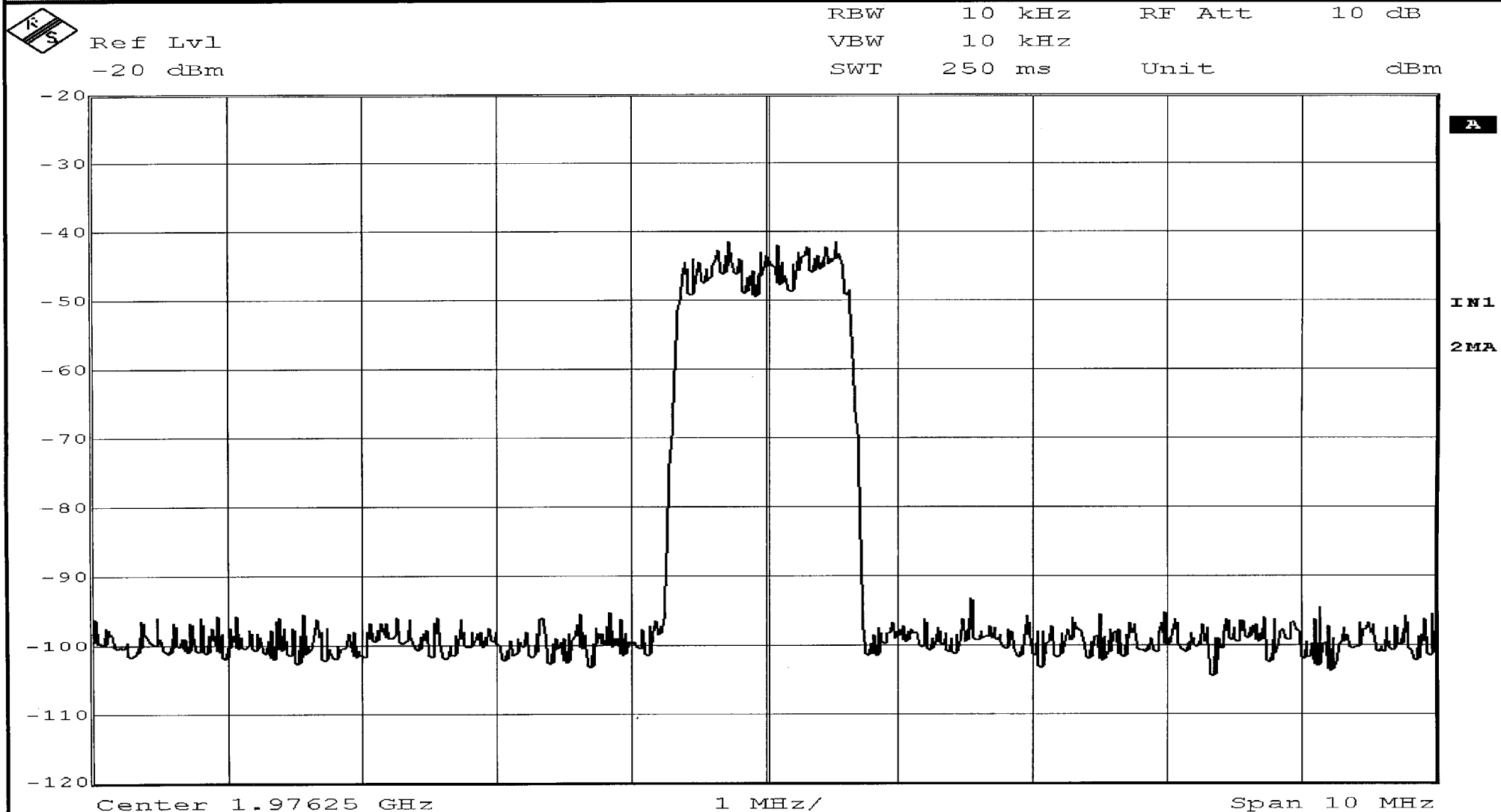


Date: 24.JUN.2003 07:02:50

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block C, 1975-1990 MHz	Frequency: 1976.25 MHz	Modulation: CDMA
		Input Signal	

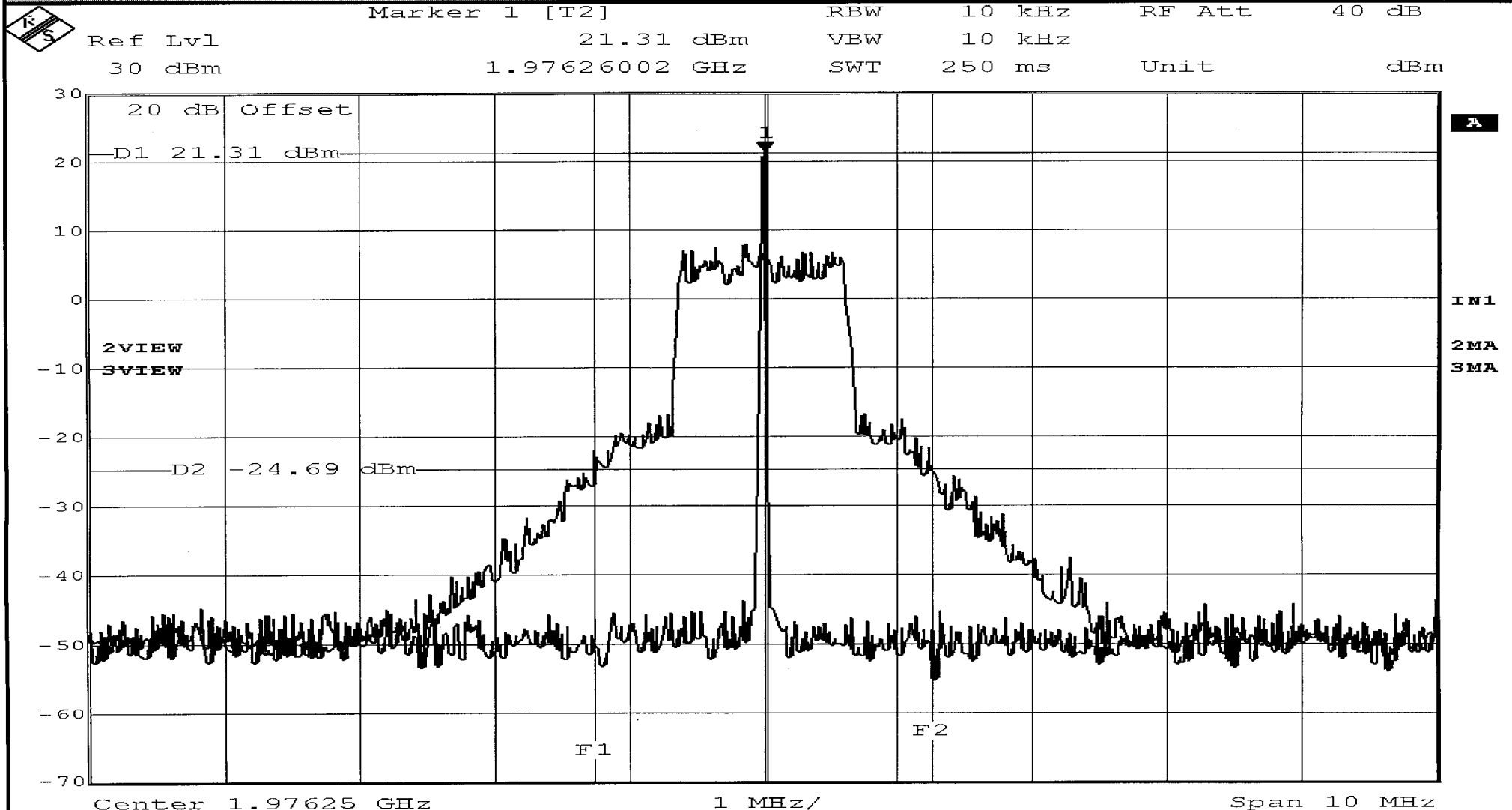


Date: 24.JUN.2003 07:30:19

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block C, 1975-1990 MHz	Frequency: 1976.25 MHz	Modulation: CDMA
			Output Signal



Date: 24.JUN.2003 07:29:21

RETLIF TESTING LABORATORIES

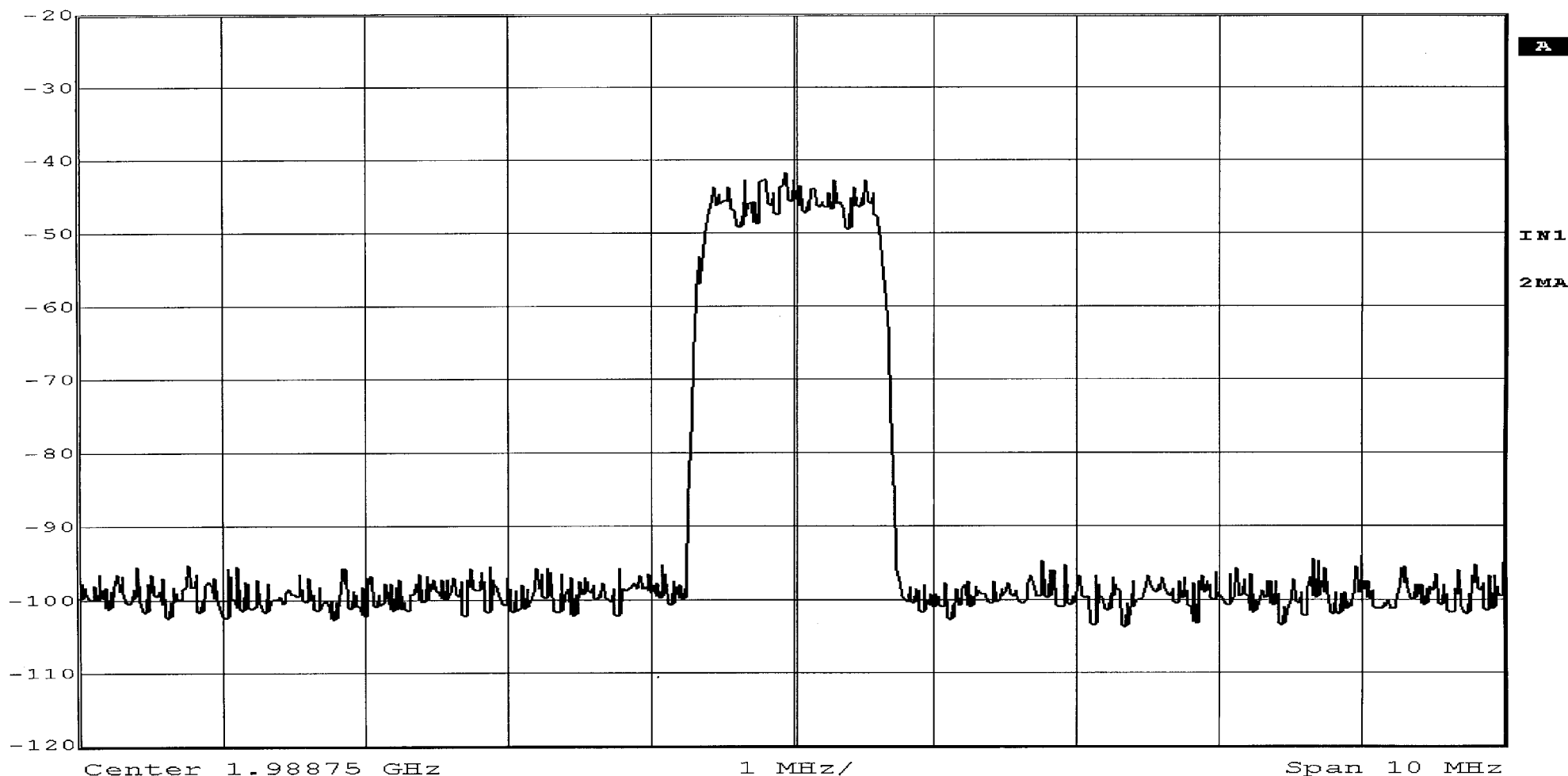
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block C, 1975-1990 MHz Frequency: 1988.75 MHz Modulation: CDMA Input Signal		
		Job No:	R-4132N
		Technician:	T. Firkowski
		Date:	6/24/03



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm

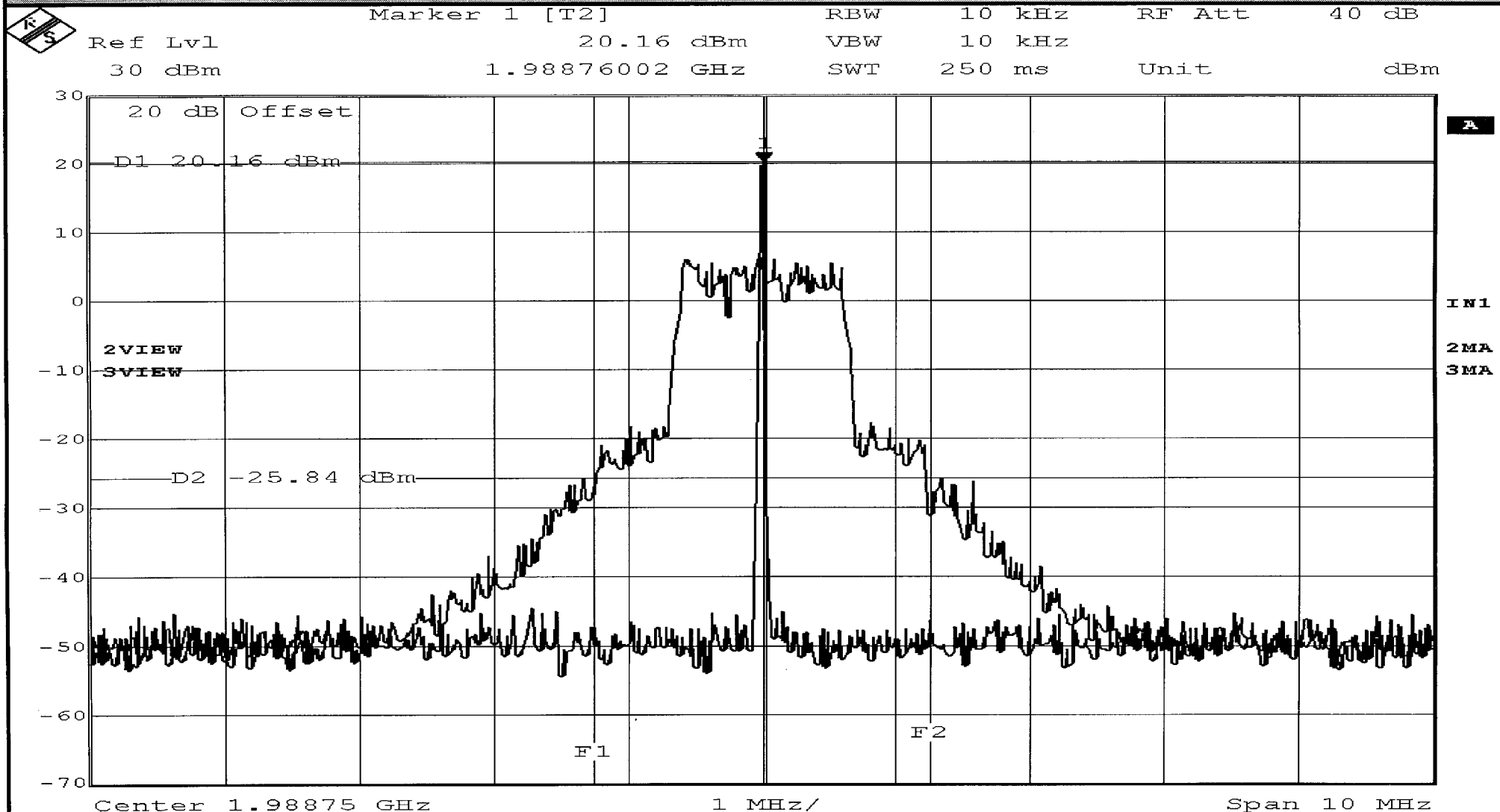


Date: 24.JUN.2003 07:37:16

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block C, 1975-1990 MHz	Frequency: 1988.75 MHz	Modulation: CDMA
			Output Signal
			Job No: R-4132N
			Technician: T. Firkowski
			Date: 6/24/03



Date: 24.JUN.2003 07:36:18

RETLIF TESTING LABORATORIES

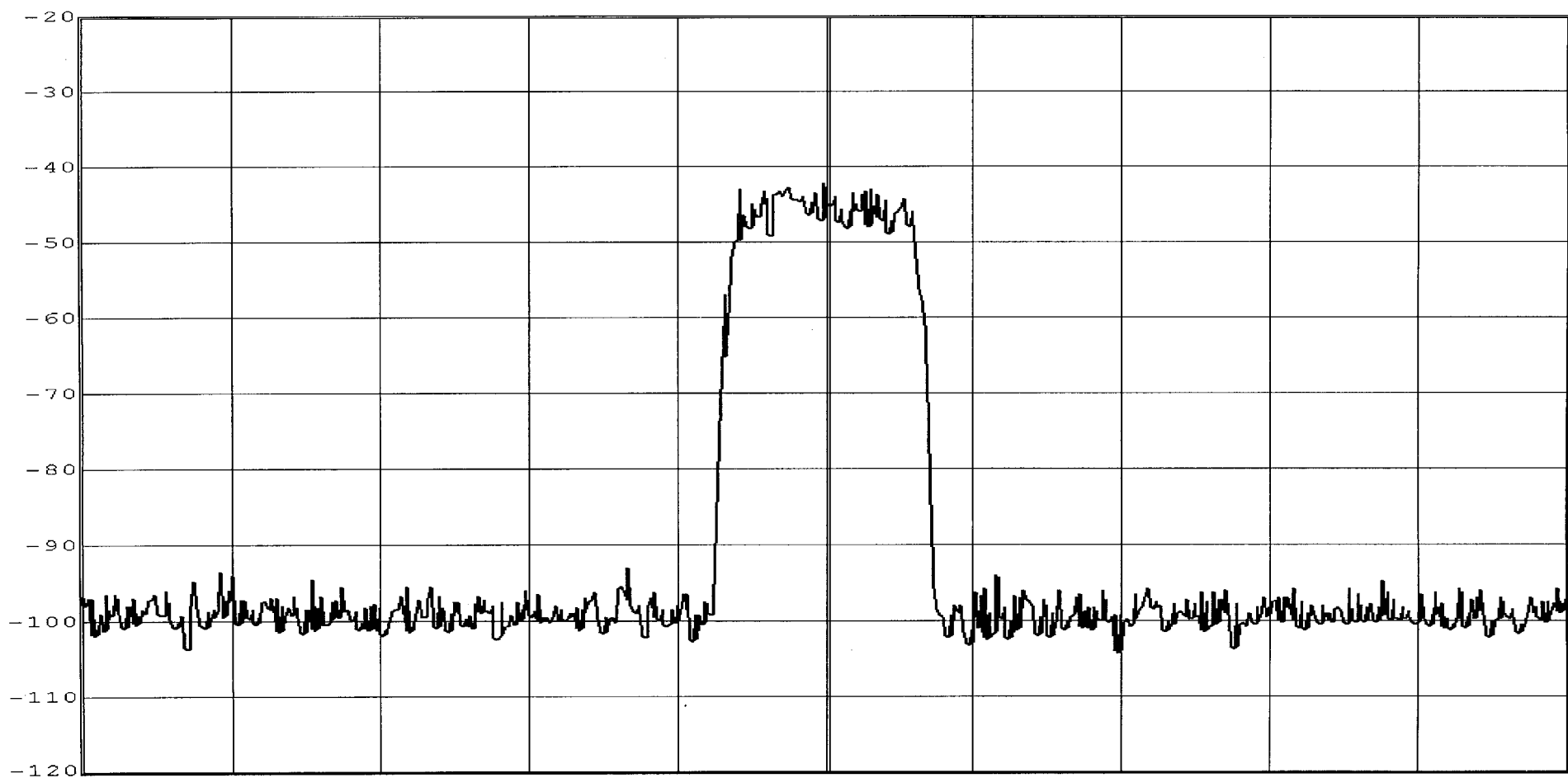
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block D, 1945-1950 MHz Frequency: 1946.25 MHz Modulation: CDMA Input Signal		
		Job No:	R-4132N
		Technician:	T. Firkowski
		Date:	6/24/03



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm



A

IN1

2MA

Center 1.94625 GHz

1 MHz/

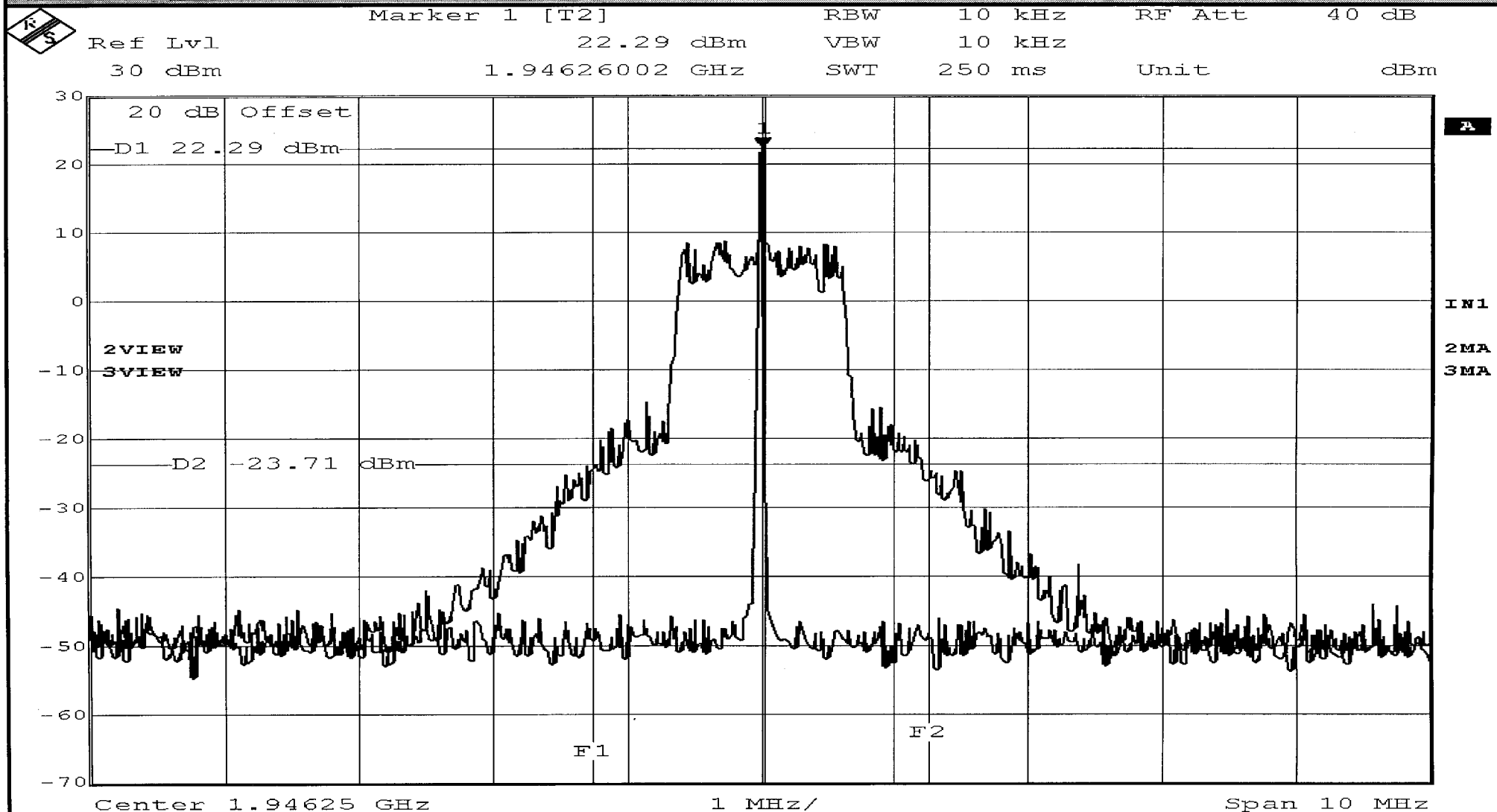
Span 10 MHz

Date: 24.JUN.2003 06:54:30

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block D, 1945-1950 MHz	Frequency: 1946.25 MHz	Modulation: CDMA
			Output Signal
Job No:	R-4132N		
Technician:	T. Firkowski		
Date:	6/24/03		



Date: 24.JUN.2003 06:44:44

RETLIF TESTING LABORATORIES

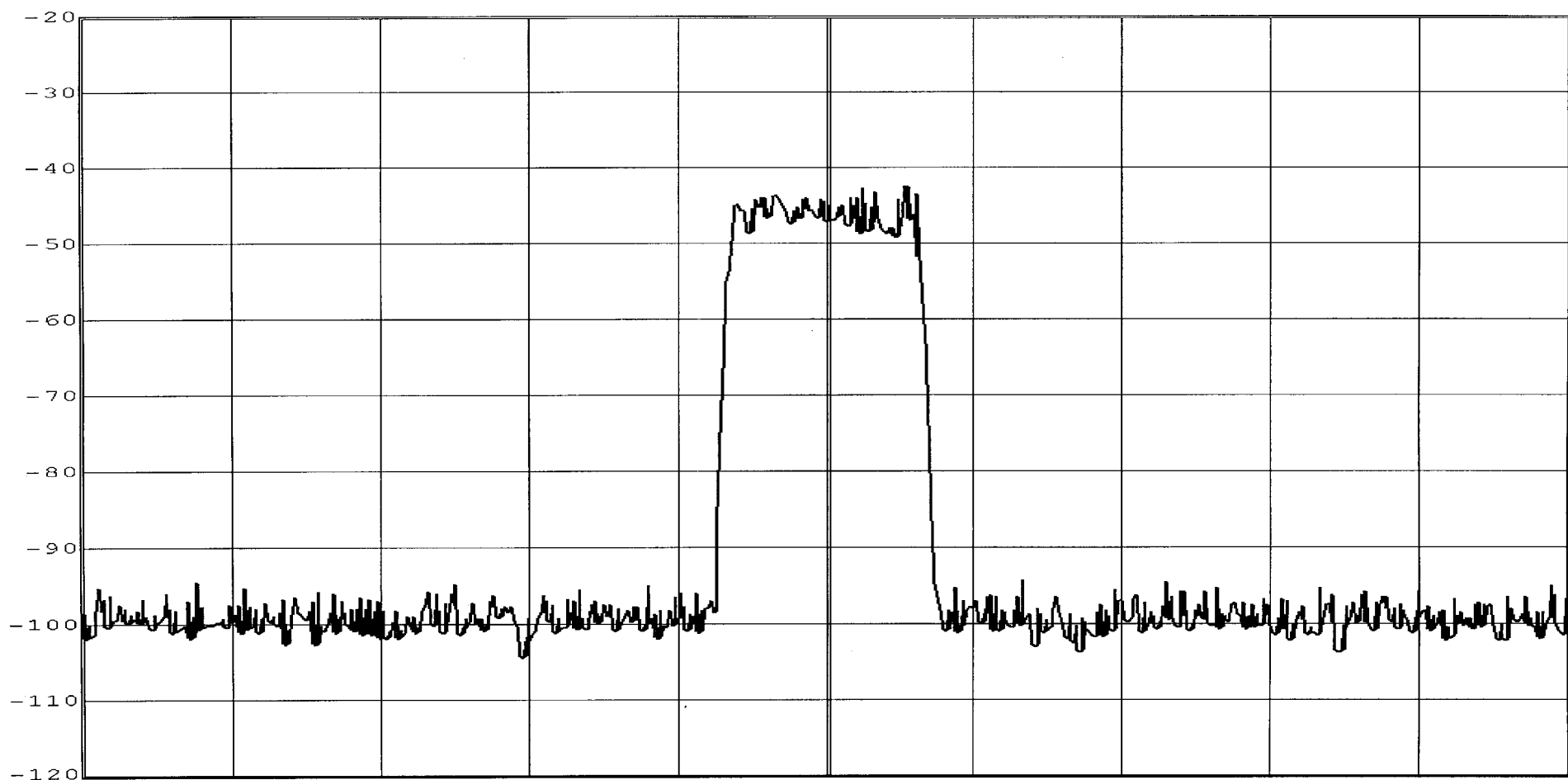
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block D, 1945-1950 MHz	Frequency: 1948.75 MHz	Modulation: CDMA
		Input Signal	



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm



A

IN1

2MA

Center 1.94875 GHz

1 MHz/

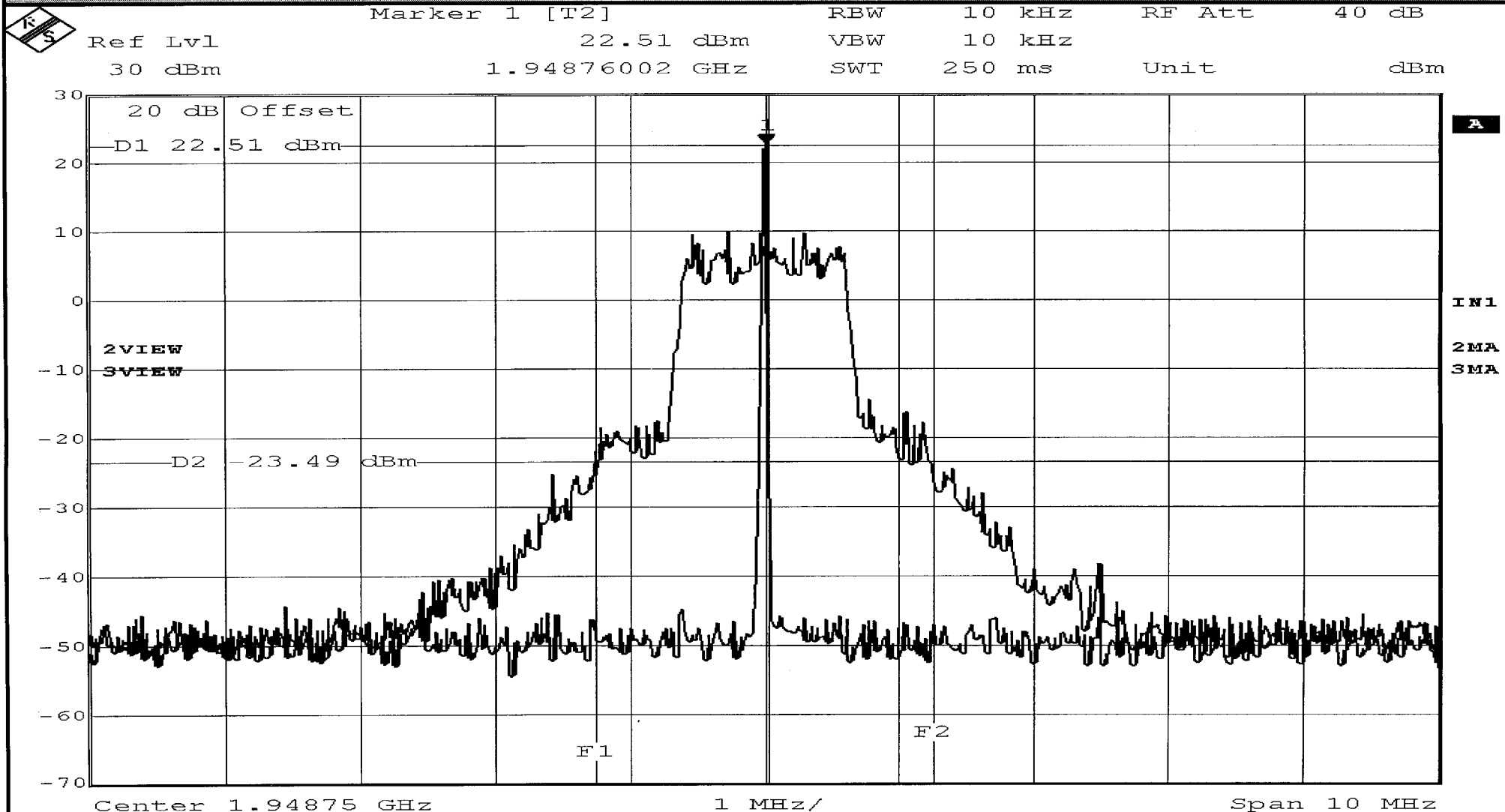
Span 10 MHz

Date: 24.JUN.2003 06:55:24

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block D, 1945-1950 MHz	Frequency: 1948.75 MHz	Modulation: CDMA
			Input Signal
			Job No: R-4132N
			Technician: T. Firkowski
			Date: 6/24/03

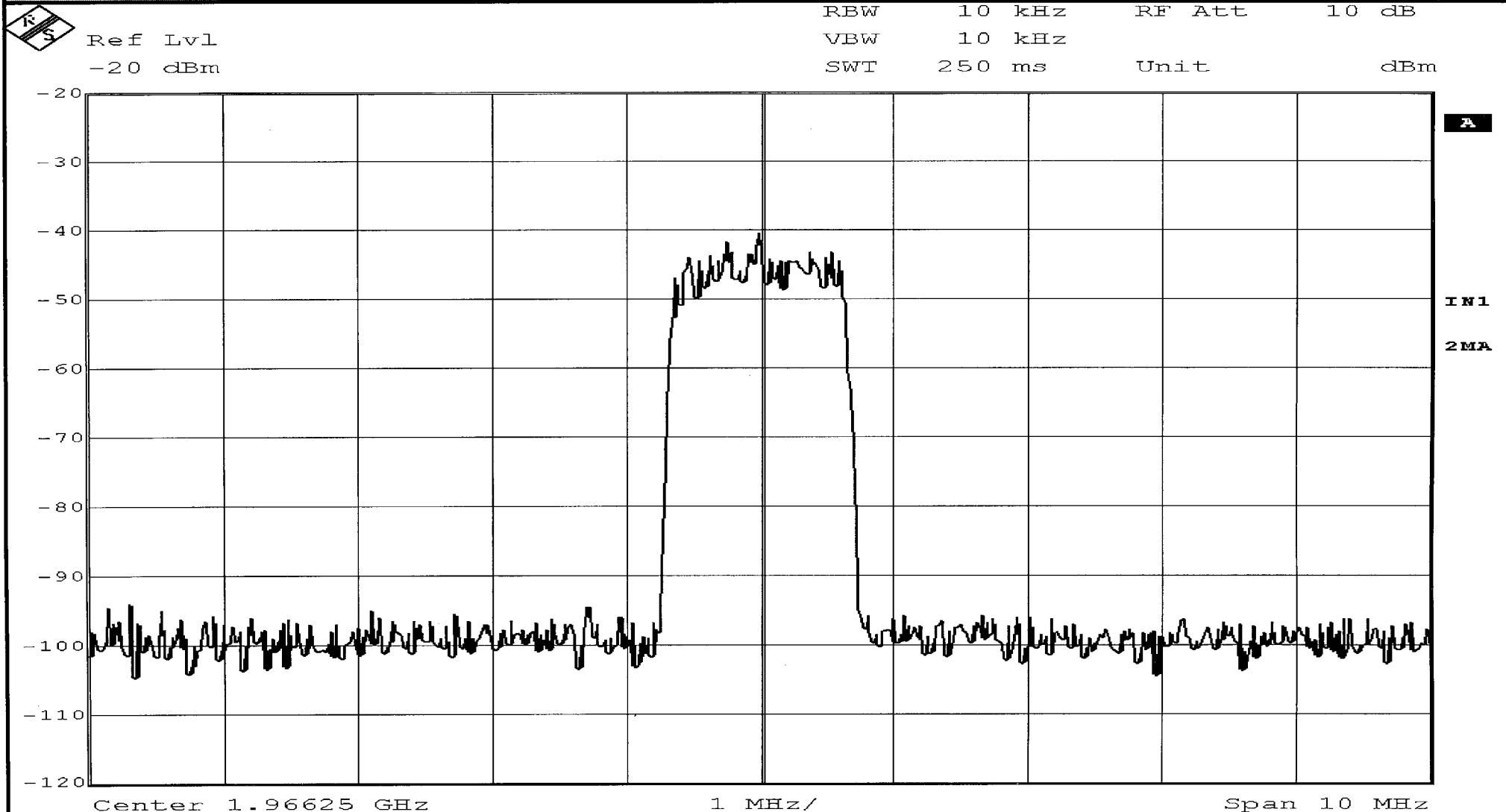


Date: 24.JUN.2003 06:57:13

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block E, 1965-1970 MHz	Frequency: 1966.25 MHz	Modulation: CDMA
		Input Signal	

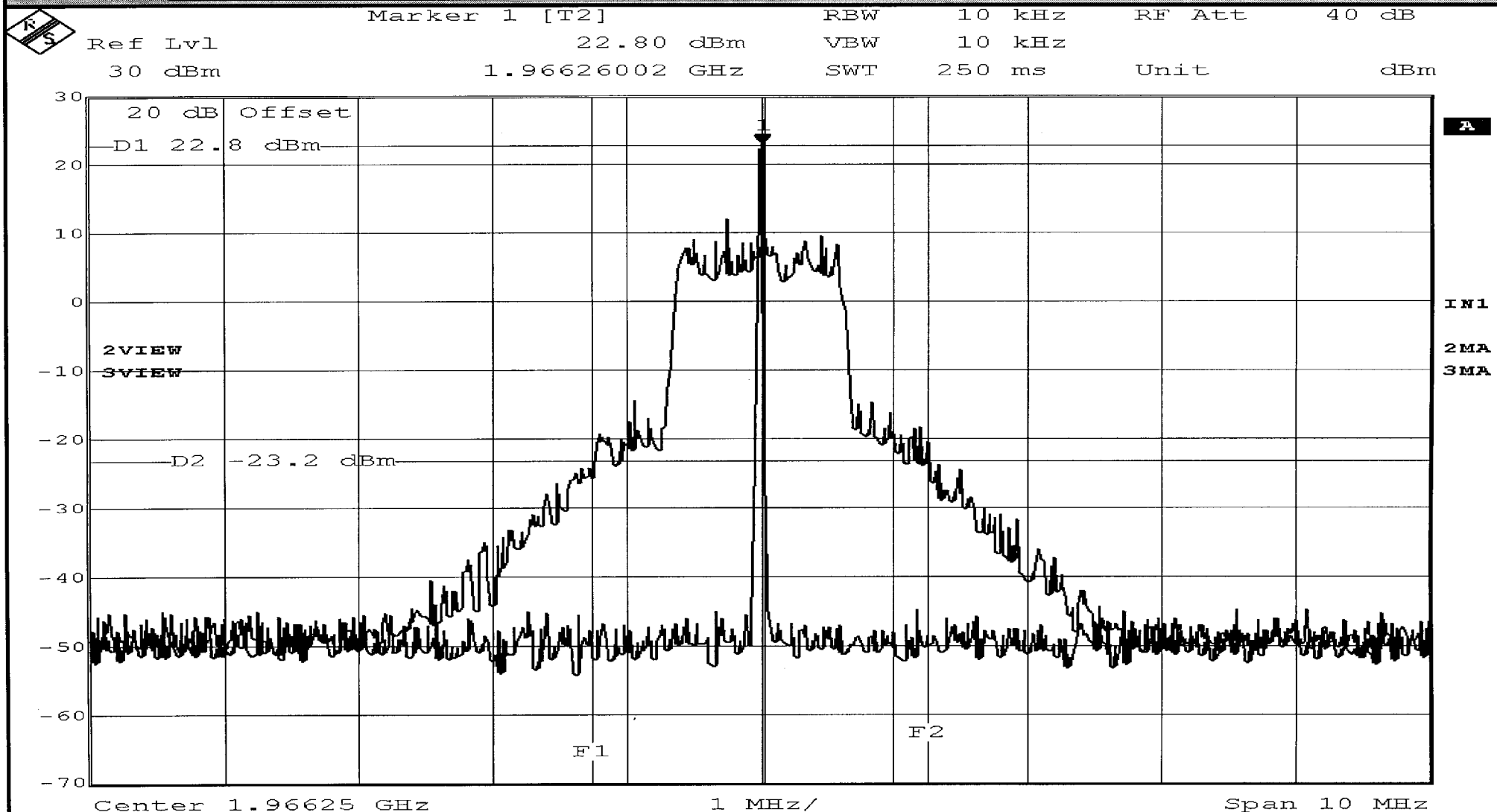


Date: 24.JUN.2003 07:05:25

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block E, 1965-1970 MHz	Frequency: 1966.25 MHz	Modulation: CDMA
			Output Signal



Date: 24.JUN.2003 07:04:32

RETLIF TESTING LABORATORIES

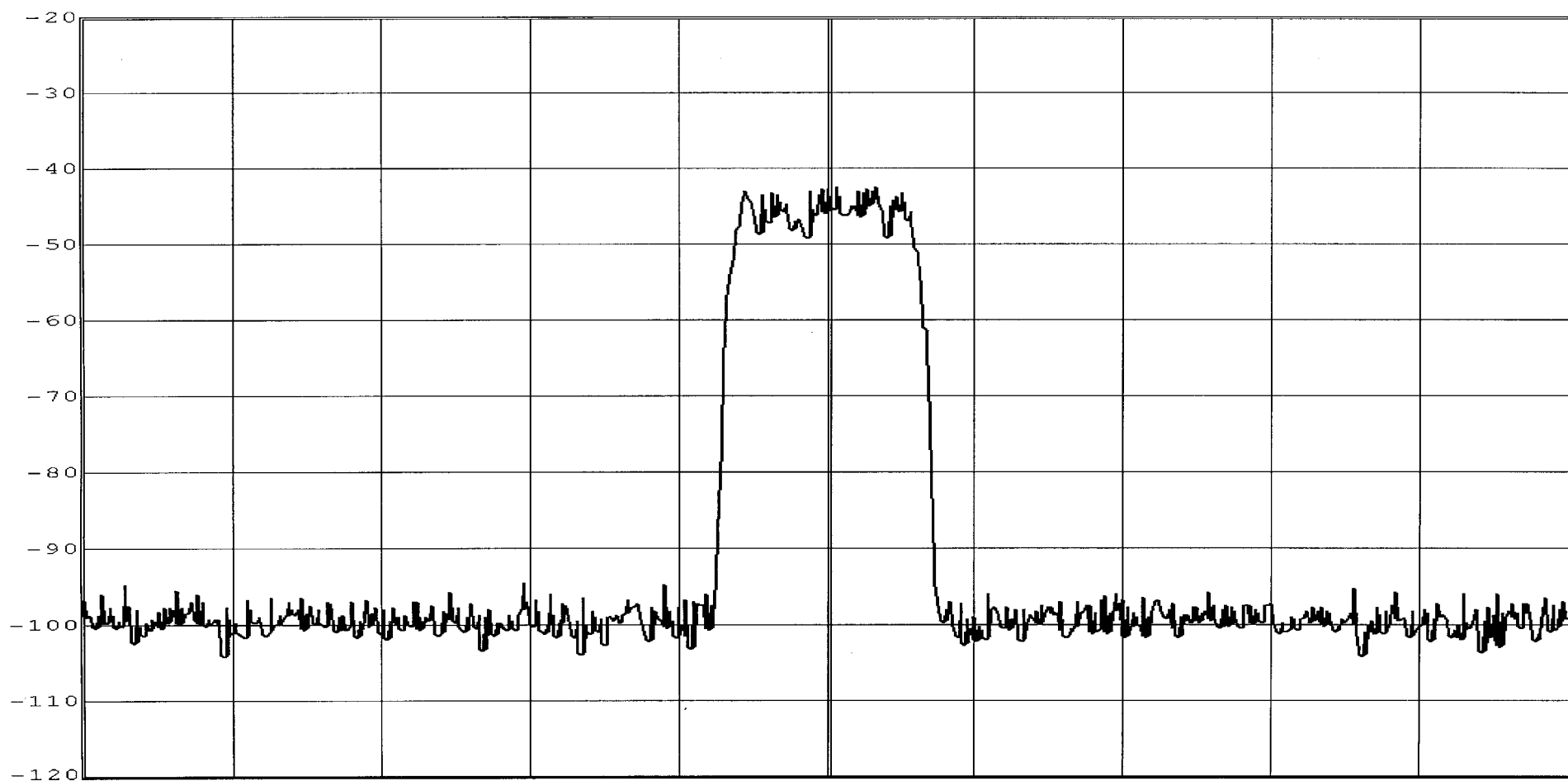
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block E, 1965-1970 MHz	Frequency: 1968.75 MHz	Modulation: CDMA
		Input Signal	



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm



A

IN1

2MA

Center 1.96875 GHz

1 MHz/

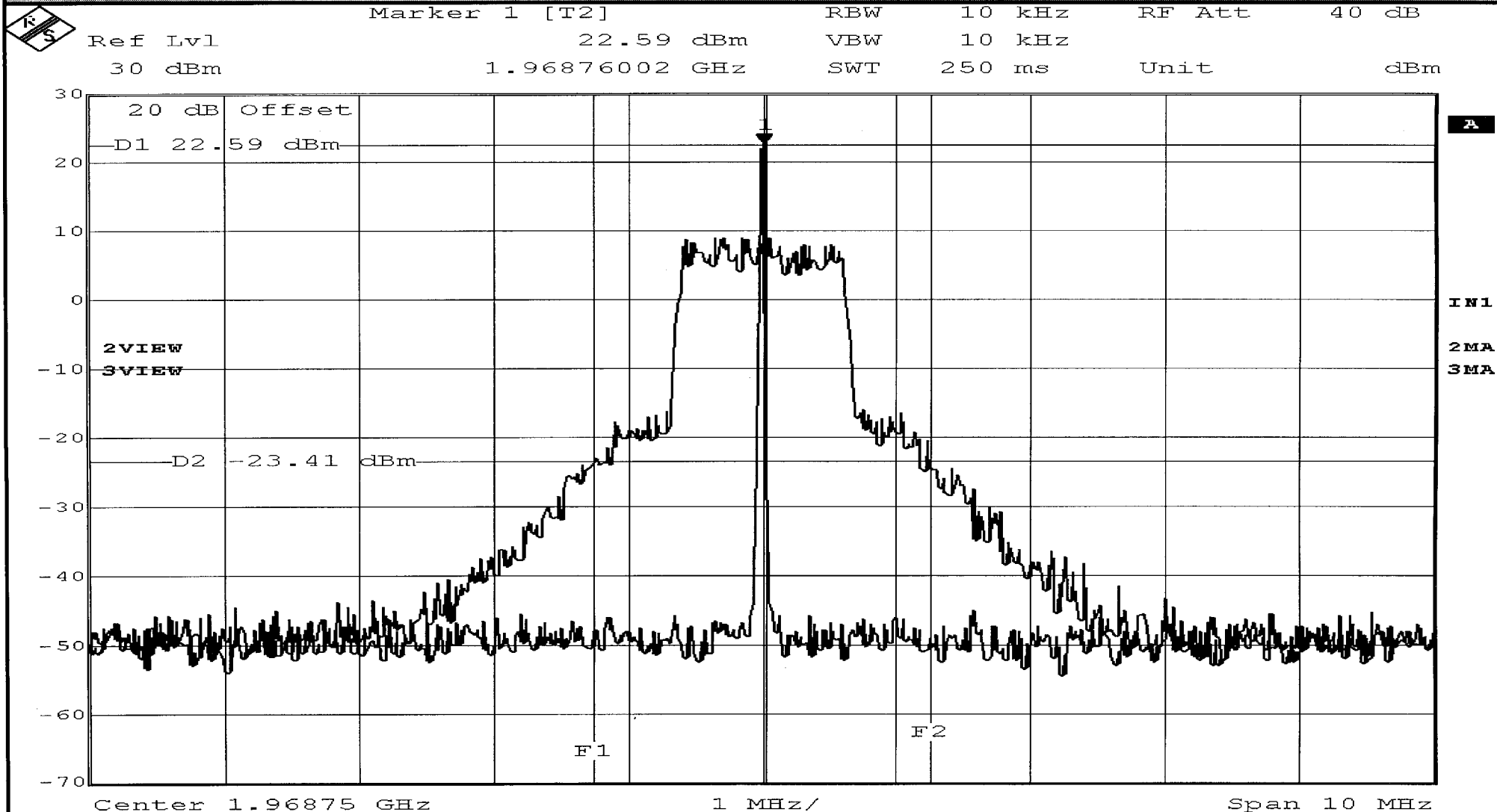
Span 10 MHz

Date: 24.JUN.2003 07:06:34

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block E, 1965-1970 MHz	Frequency: 1968.75 MHz	Modulation: CDMA
			Output Signal"
Job No:	R-4132N		
Technician:	T. Firkowski		
Date:	6/24/03		



Date: 24.JUN.2003 07:08:46

RETLIF TESTING LABORATORIES

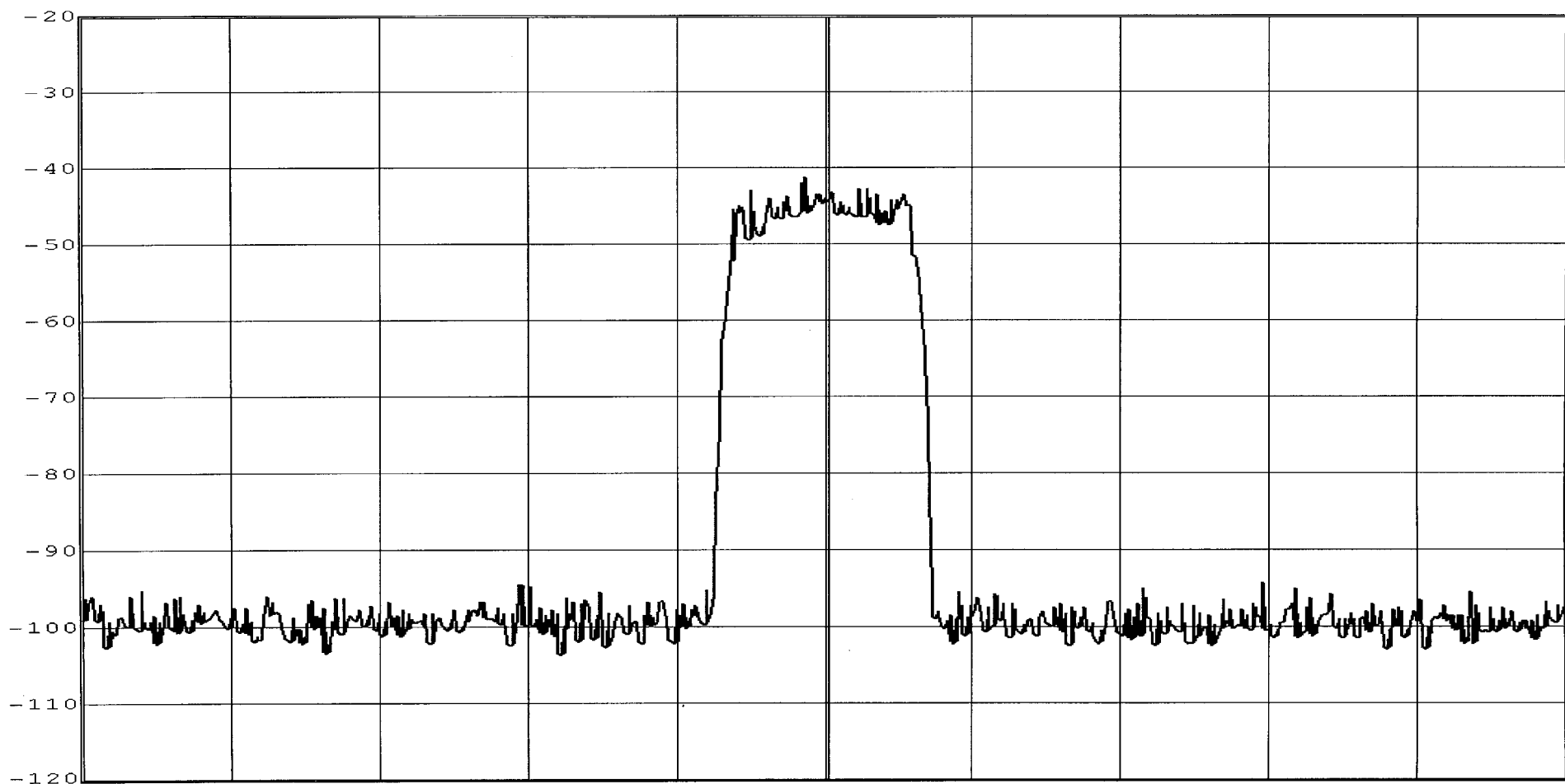
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block F, 1970-1975 MHz	Frequency: 1971.25 MHz	Modulation: CDMA
			Input Signal
			Job No: R-4132N
			Technician: T. Firkowski
			Date: 6/24/03



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm



A

IN1

2MA

Center 1.97125 GHz

1 MHz/

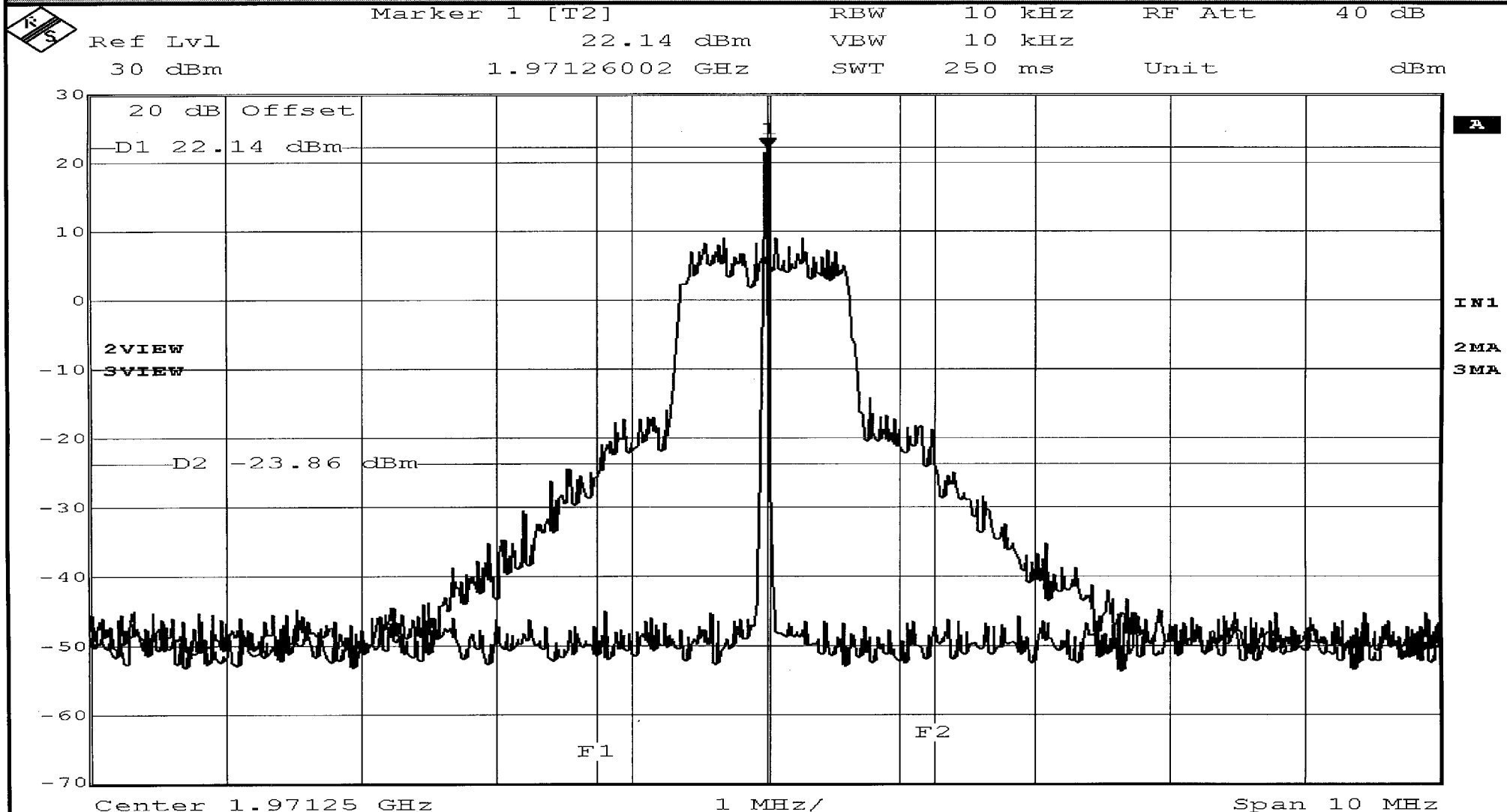
Span 10 MHz

Date: 24.JUN.2003 07:13:22

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block F, 1970-1975 MHz	Frequency: 1971.25 MHz	Modulation: CDMA
			Output Signal



Date: 24.JUN.2003 07:11:46

RETLIF TESTING LABORATORIES

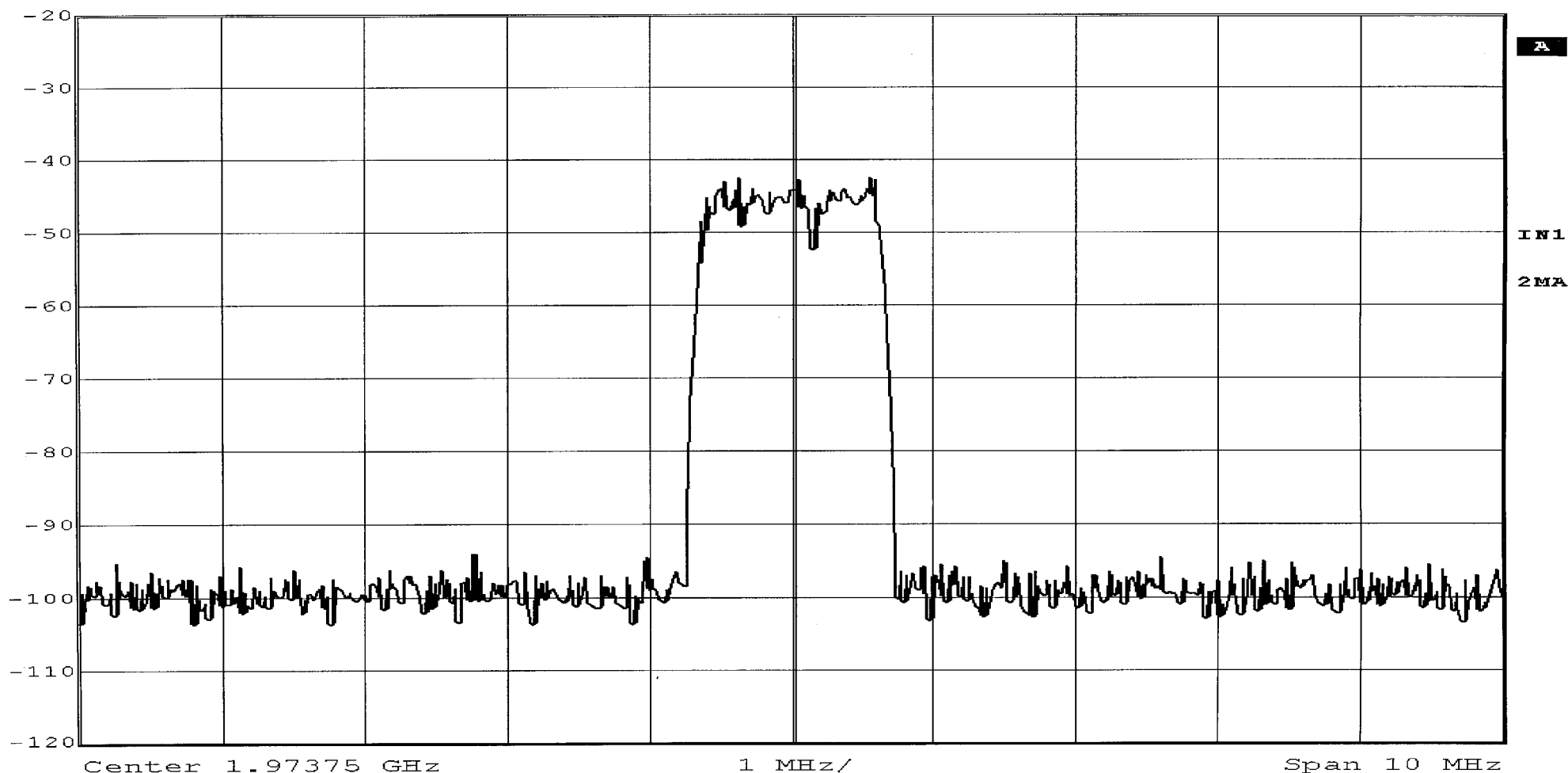
EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block F, 1970-1975 MHz	Frequency: 1973.75 MHz	Modulation: CDMA
		Input Signal	



Ref Lvl
-20 dBm

RBW 10 kHz RF Att 10 dB
VBW 10 kHz
SWT 250 ms Unit dBm

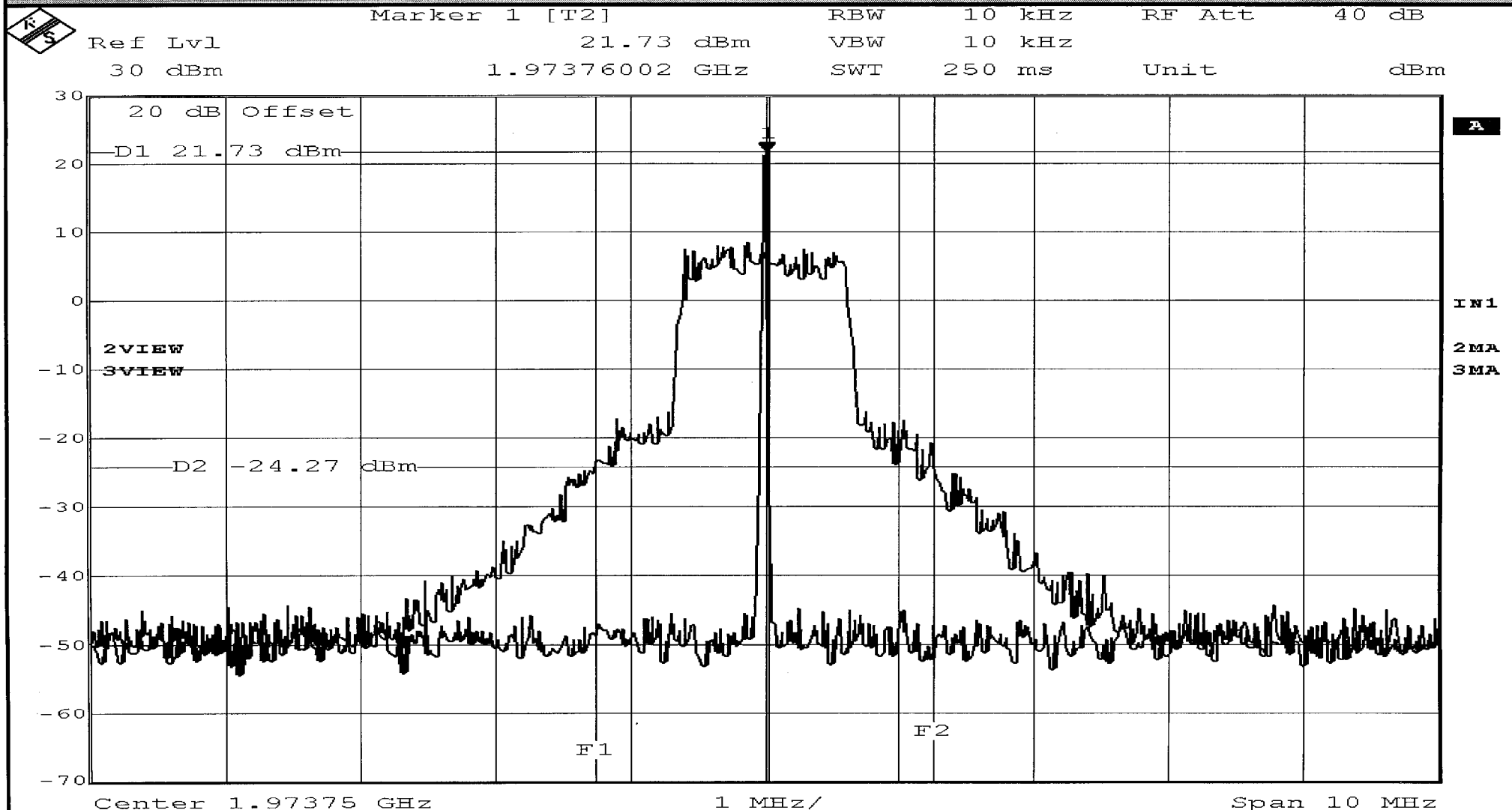


Date: 24.JUN.2003 07:14:10

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth		
Customer:	Cellular Specialties	Test Sample:	Bidirectional Amplifier
Model No:	150PCS	Serial No:	n/a
Test Specification:	FCC Part 2 & 24	Paragraph:	2.1049 & 24.229
Operating Mode:	Amplifying downlink input signal		
Notes:	PCS Band: Block F, 1970-1975 MHz	Frequency: 1973.75 MHz	Modulation: CDMA
			Output Signal
			Job No: R-4132N
			Technician: T. Firkowski
			Date: 6/24/03



Date: 24.JUN.2003 07:18:13