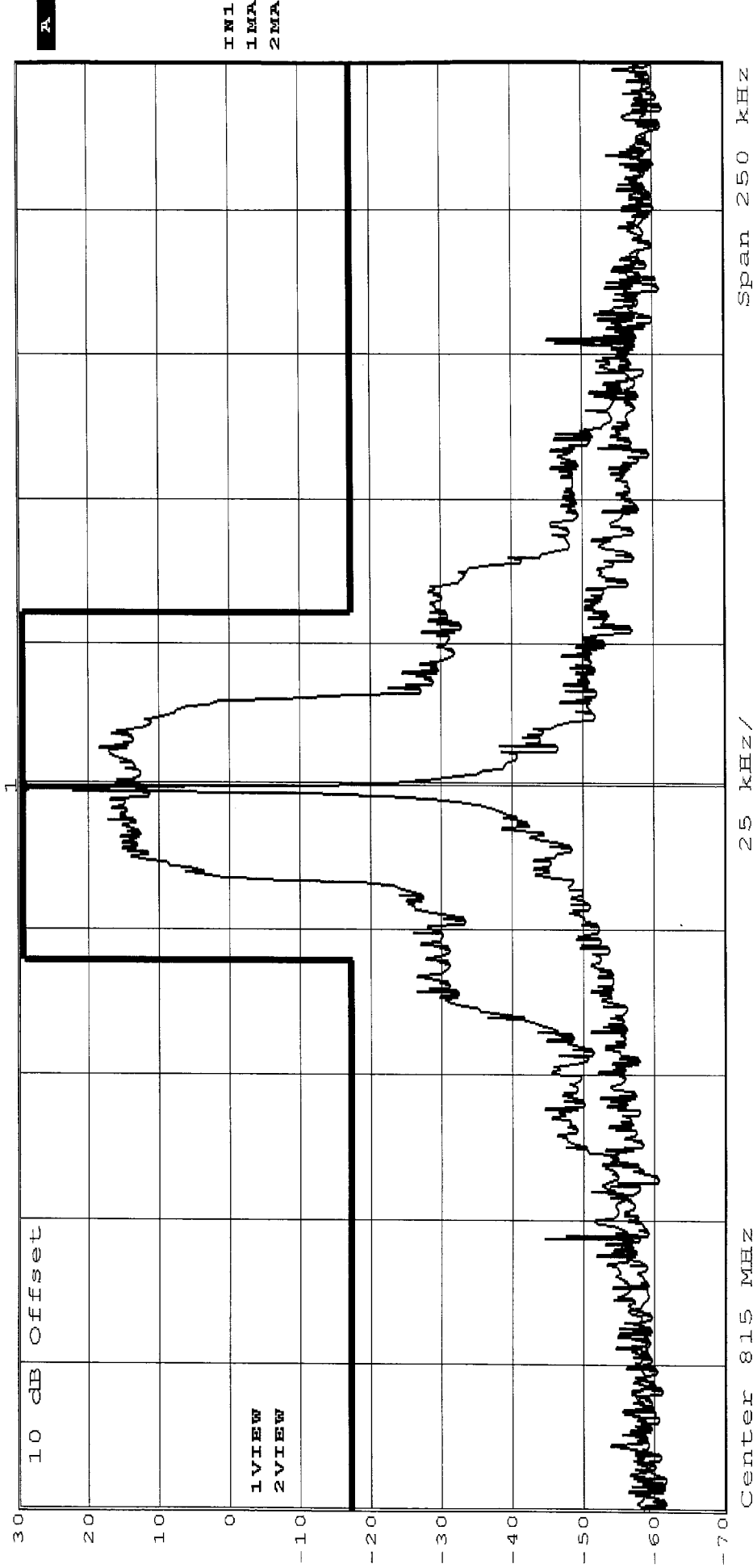


RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Technician:	T. Firkowski
Model No:	CSI510-S89	Date:	4/4/2005
Test Specification:	FCC Part 2		
Operating Mode:	Amplifying input signal		
Notes:	TDMA - Low Band - uplink - Output at 815 MHz		

Marker 1 [T2]
Ref Lvl 28.21 dBm
30 dBm 814.99974950 MHz
RBW 300 Hz
VBW 1 kHz
SWT 14 s
RF Att 50 dB
Unit dBm



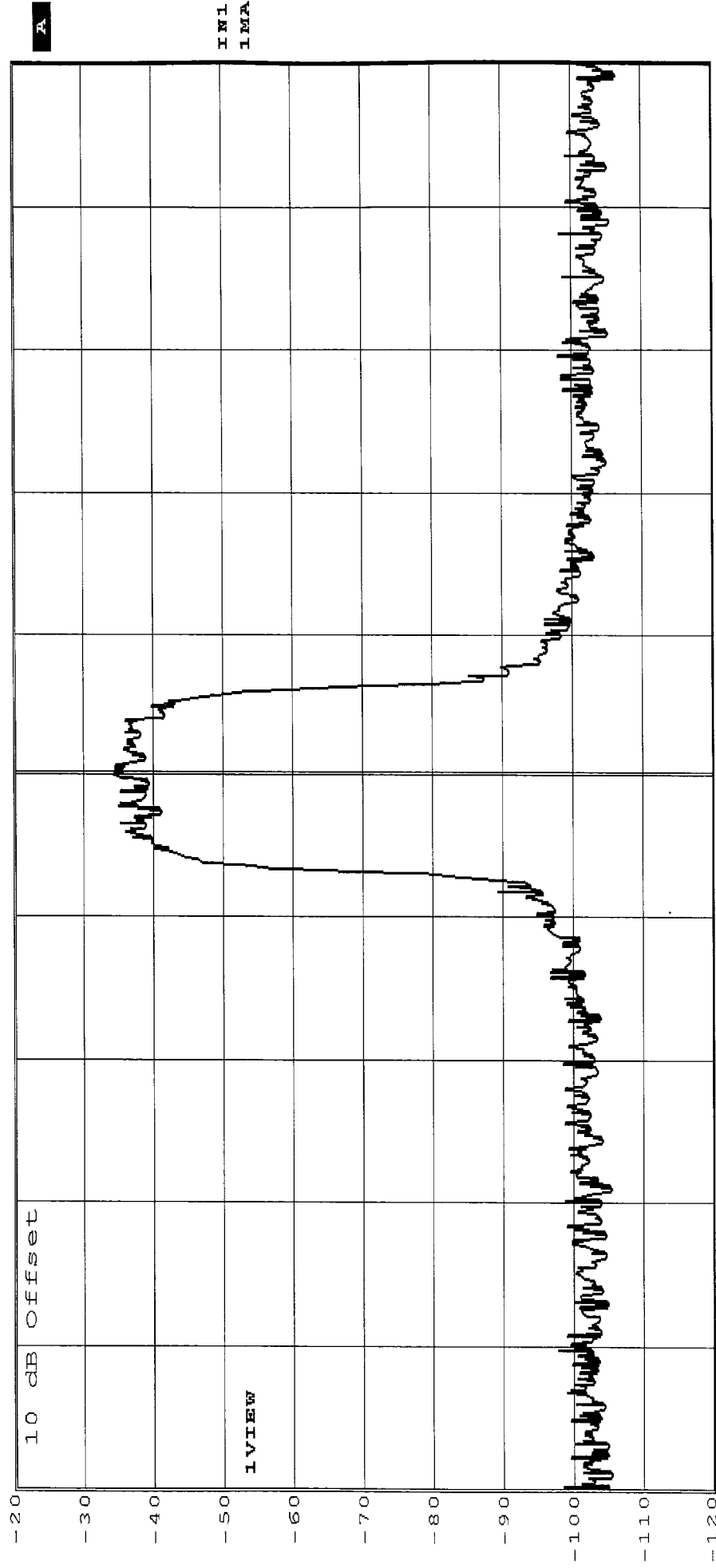
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - Low Band - uplink - Input at 815 MHz		



Ref Lvl -20 dBm
RBW 300 Hz
VBW 1 kHz
SWT 14 s
RF Att 10 dB
Unit dBm



Center 815 MHz Span 250 kHz
Date: 4.APR.2005 14:46:39

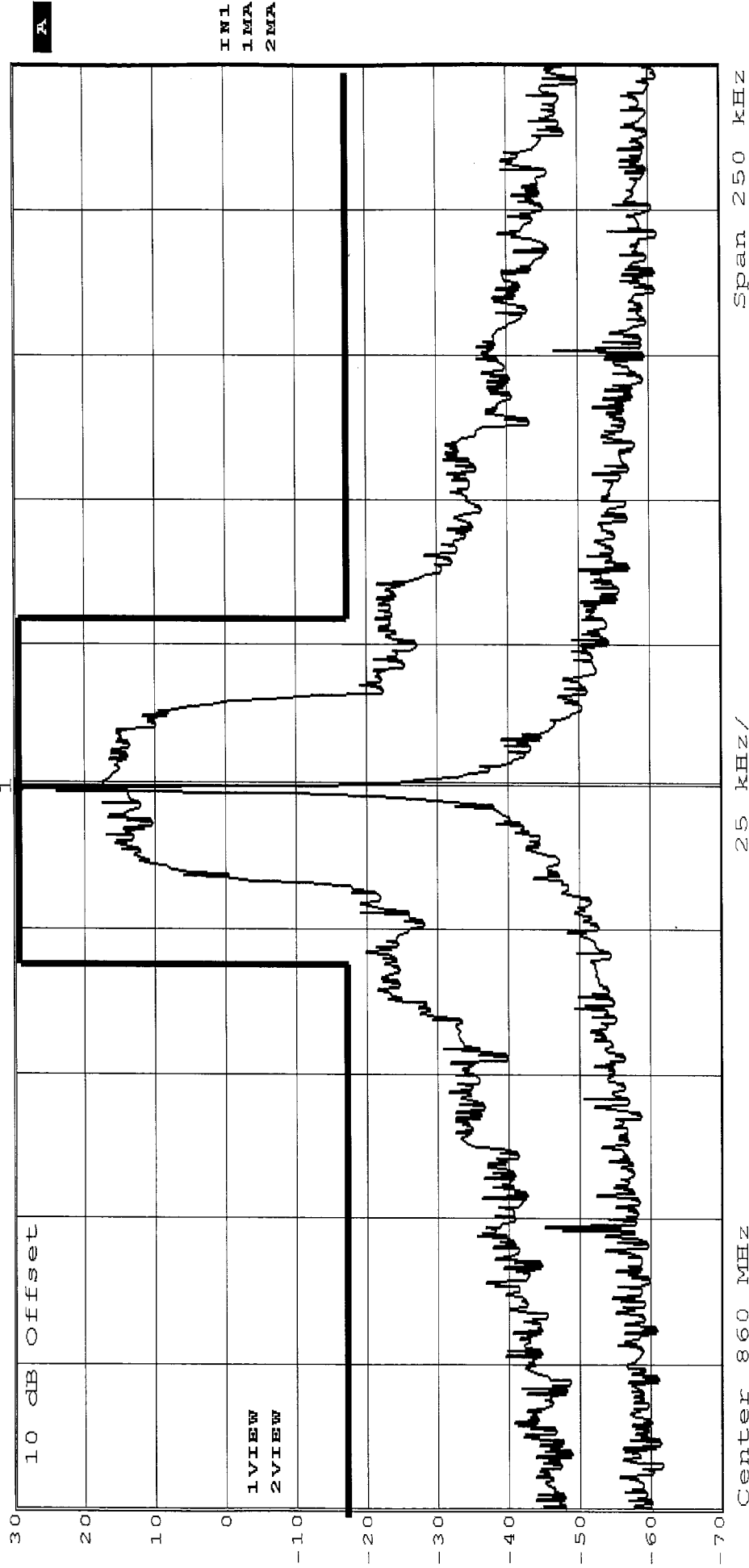
RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - Low Band - downlink - Output at 860 MHz		
	Job No:	R-4416N1	
	Technician:	T. Firkowski	
	Date:	4/4/2005	



Ref Lvl 30 dBm
 Marker 1 [T1] 28.46 dBm
 RBW 300 Hz
 VBW 1 kHz
 SWT 14 s
 RF Att 50 dB
 Unit dBm



Date: 4.APR.2005 14:57:49

Data Sheet 3 of 8

R-4416N1

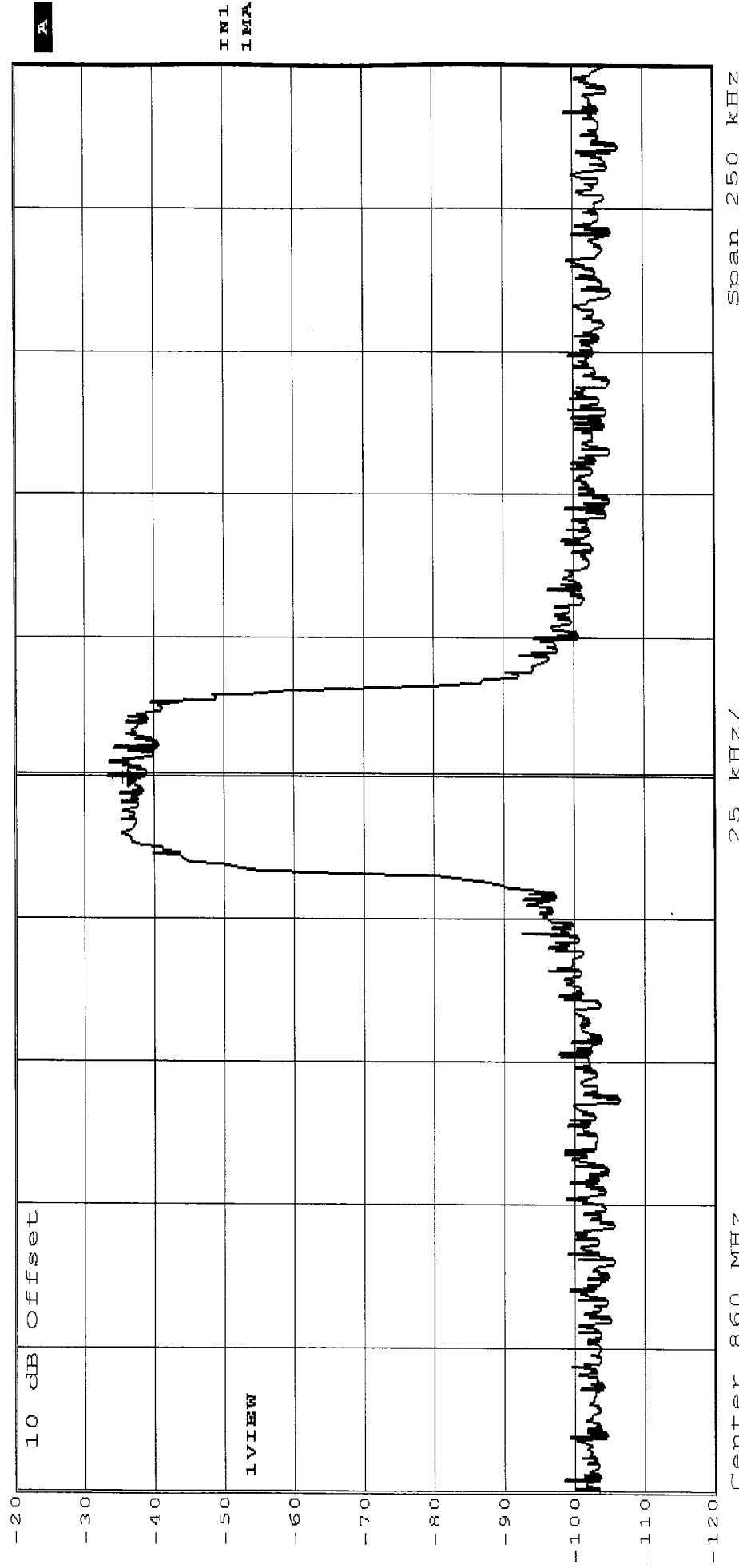
RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Occupied Bandwidth	Test Sample:	Dual Band Bidirectional Amplifier	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Serial No:	n/a	Technician:	T. Firkowski
Model No:	CSI510-S89	Paragraph:	2.1049	Date:	4/4/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - Low Band - downlink - Input at 860 MHz				



Ref Lvl -20 dBm
 Marker 1 [T1]
 RBW 300 Hz
 VBW 1 kHz
 SWT 14 s
 Unit dBm
 RF Att 10 dB



Center 860 MHz

25 kHz/

Span 250 kHz

Date: 4.APR.2005 15:09:00

Data Sheet 4 of 8

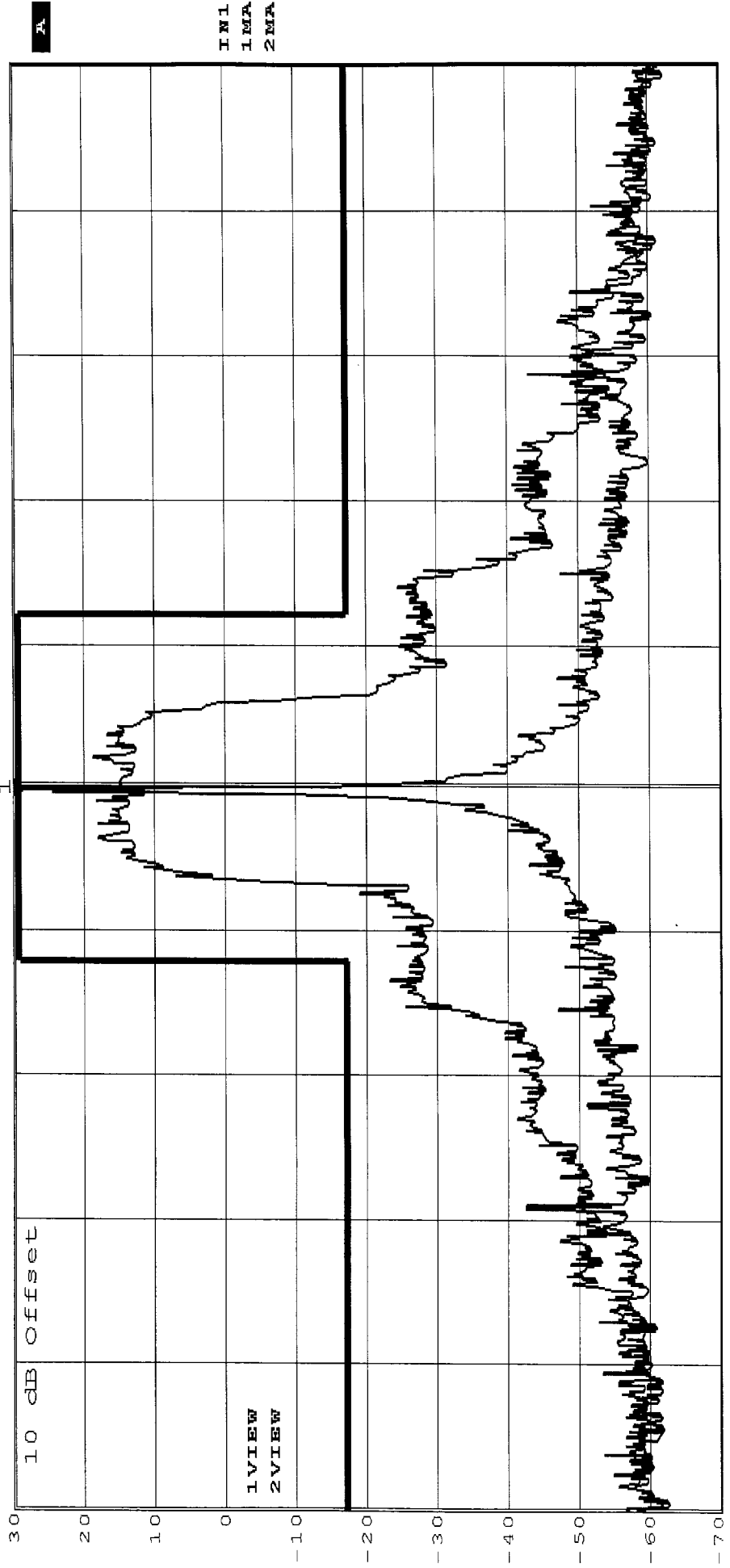
R-4416N1

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - High Band - uplink - Output at 898.5 MHz		

Ref Lvl 30 dBm
Marker 1 [T1] 28.29 dBm
RBW 300 Hz
VBW 1 kHz
SWT 14 s
Unit dBm
RF Att 50 dB

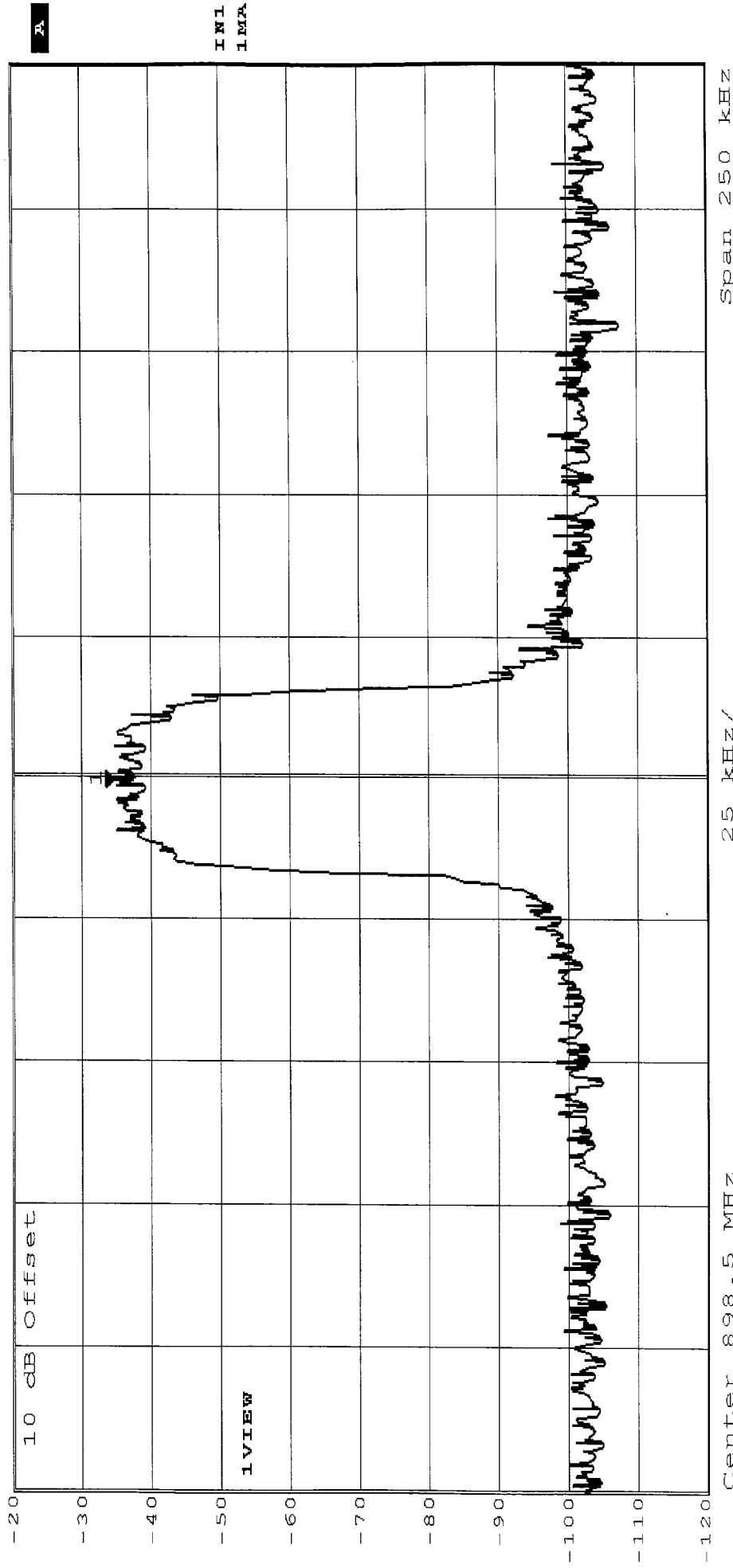


RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal	Job No:	R-4416N1
Notes:	TDMA - uplink - Input at 898.5 MHz	Technician:	T. Firkowski
		Date:	4/4/2005

Ref Lvl -34.82 dBm **RBW** 300 Hz **RF Att** 10 dB
Offset -20 dBm **VBW** 1 kHz **Unit** dBm
Marker 1 [T1] 898.49974950 MHz **SWT** 14 s



Center 898.5 MHz 25 kHz/ Span 250 kHz
 Date: 4.APR.2005 14:53:16

RETILF TESTING LABORATORIES

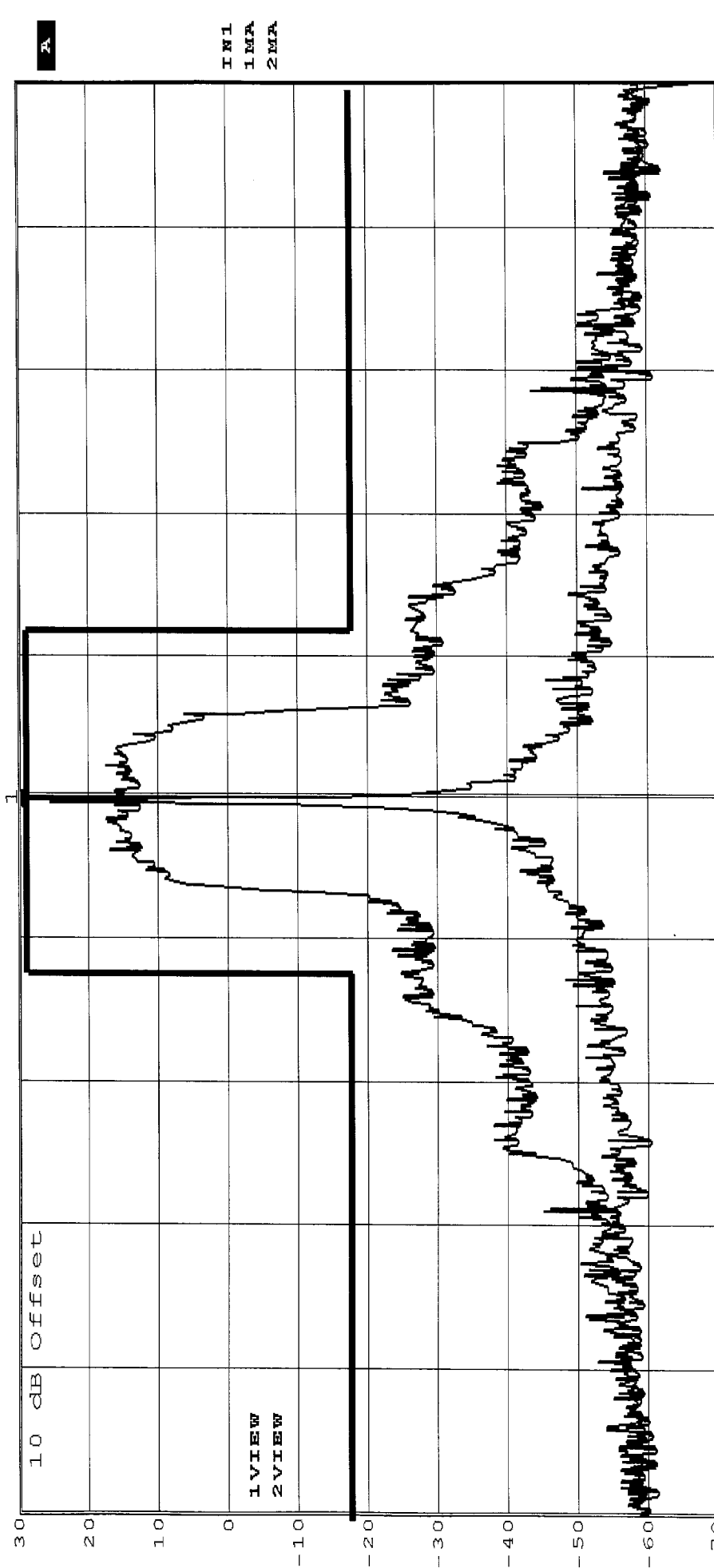
EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - High Band - uplink - Output at 937.5 MHz		

Job No: R-4416N1
Technician: T. Firkowski
Date: 4/4/2005



Marker 1 [T1]
Ref Lvl 30 dBm
RBW 300 Hz
VBW 1 kHz
SWT 14 s
Unit dBm
50 dB



Date: 4.APR.2005 15:13:15

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - High Band - uplink - Input at 937.5 MHz		

Ref Lvl -20 dBm
Marker 1 [T1] -39.27 dBm
RBW 300 Hz
VBW 1 kHz
SWT 14 s
Unit dBm
RF Att 10 dB

