

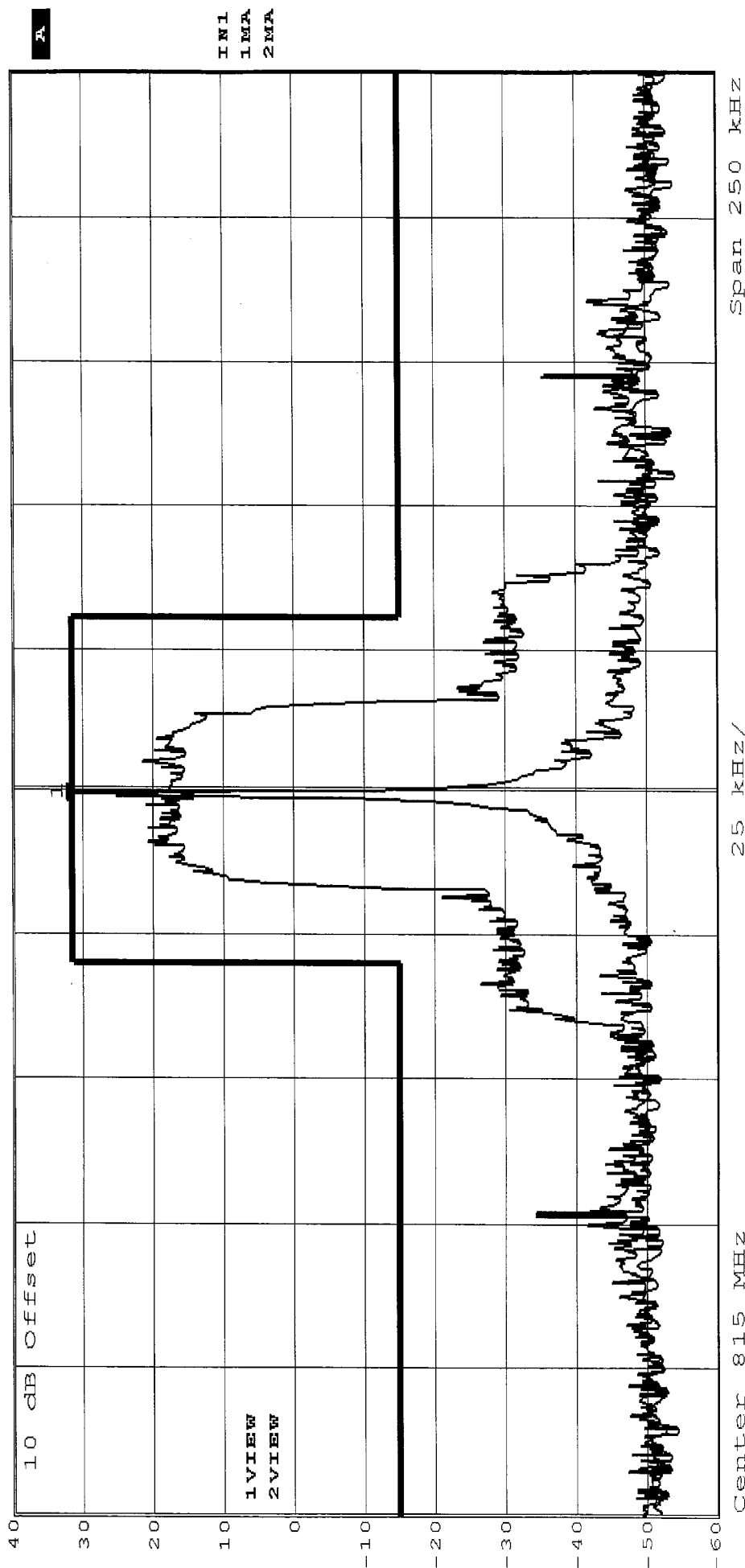
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - Low Band - uplink - Output at 815 MHz		

Job No: R-4416N3
Technician: T. Firkowski
Date: 4/4/2005

Ref Lvl 40 dBm
Marker 1 [T1]
RBW 300 Hz
VBW 1 kHz
SWT 14 s
RF Att 60 dB
Unit dBm



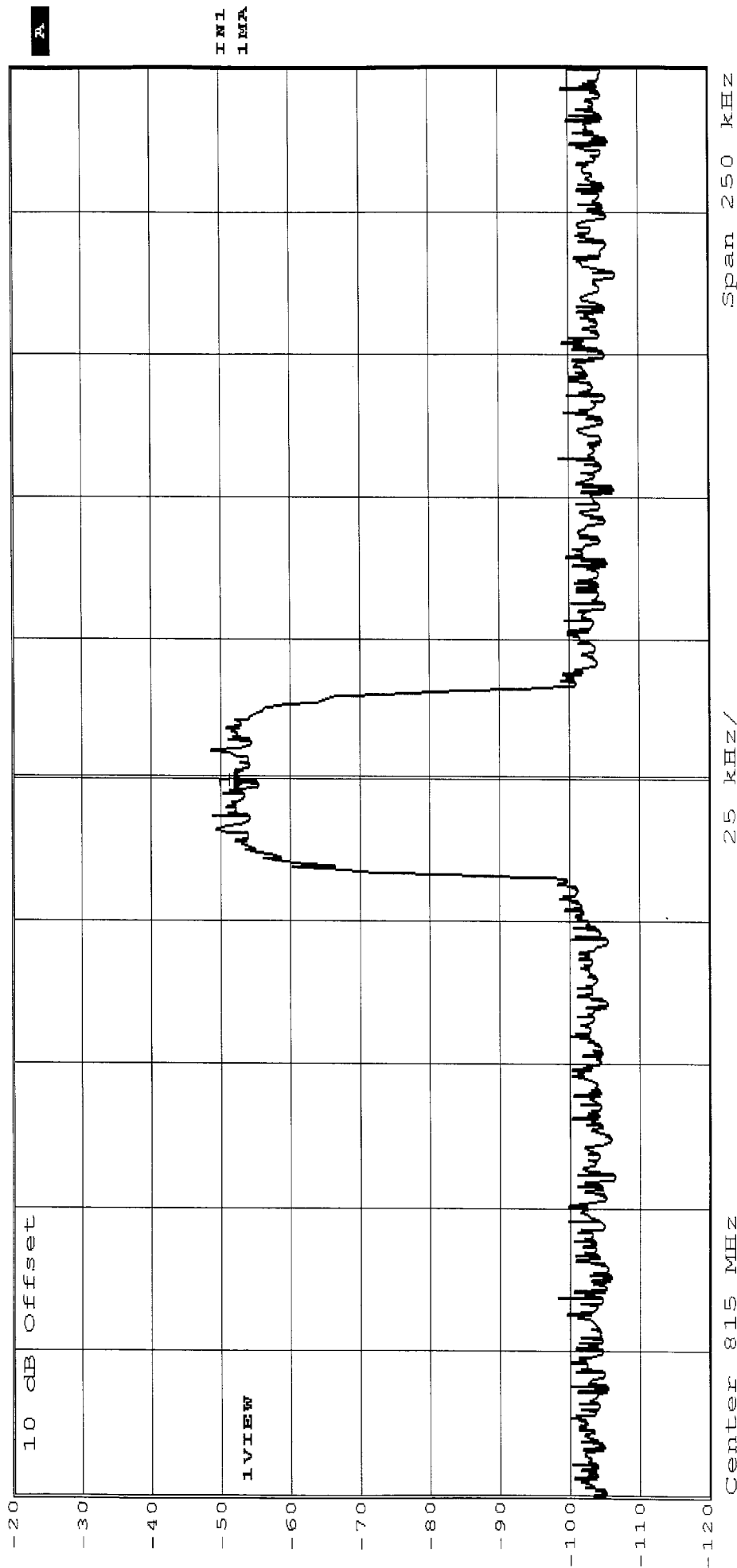
RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-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		

Job No: R-4416N3
Technician: T. Firkowski
Date: 4/4/2005

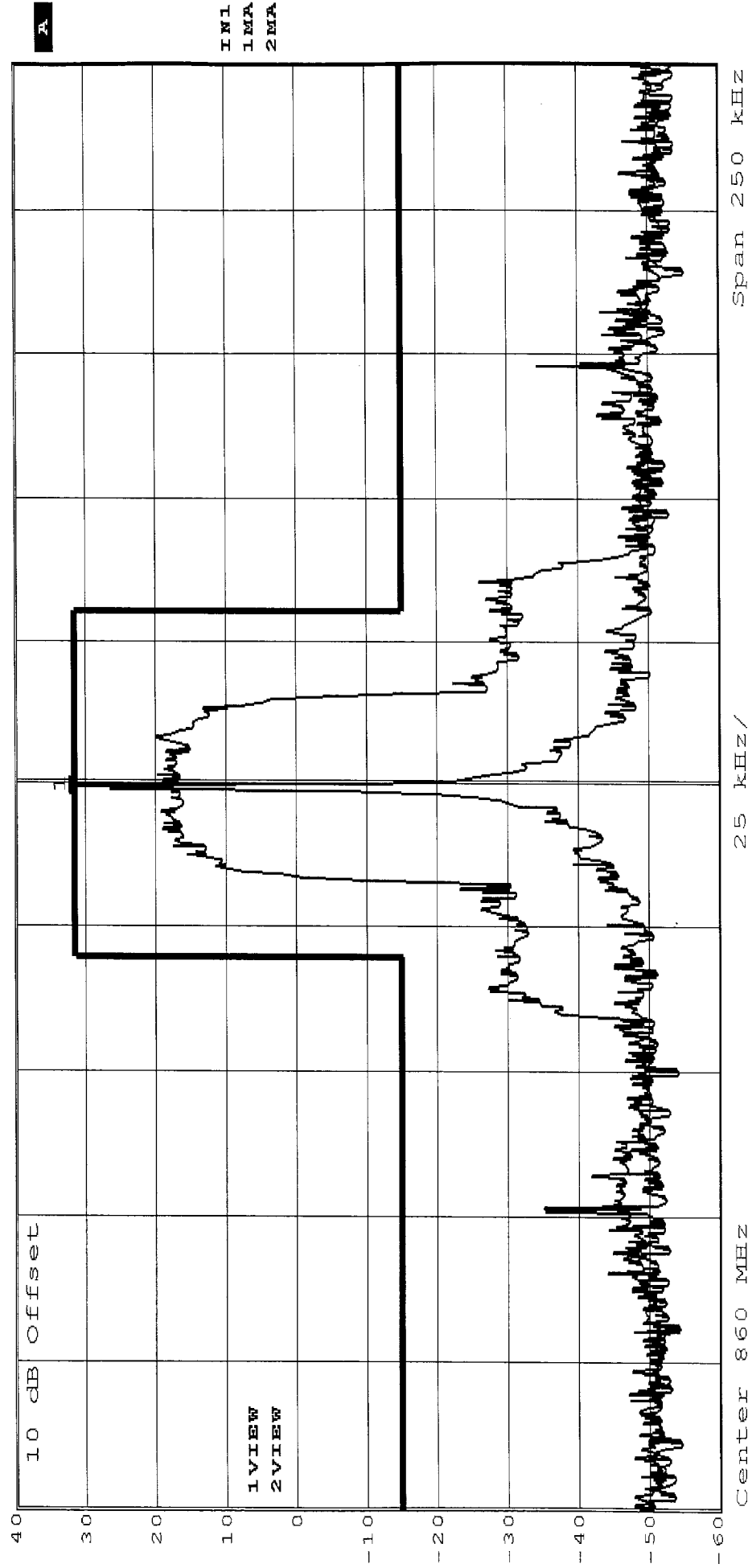
Ref Lvl -20 dBm
Marker 1 [T1] -53.36 dBm
RBW 300 Hz
VBW 1 kHz
SWT 14 s
RF Att 10 dB
Unit dBm



RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal	Job No:	R-4416N3
Notes:	TDMA - Low Band - downlink - Output at 860 MHz		
Ref Lvl		Technician:	
40 dBm	30.92 dBm	T. Firkowski	
	859.99974950 MHz	Date:	
		4/4/2005	
		RBW	300 Hz
		VBW	1 kHz
		SWT	14 s
		RF Att	60 dB



Date: 4.APR.2005 15:27:15

Data Sheet 3 of 8

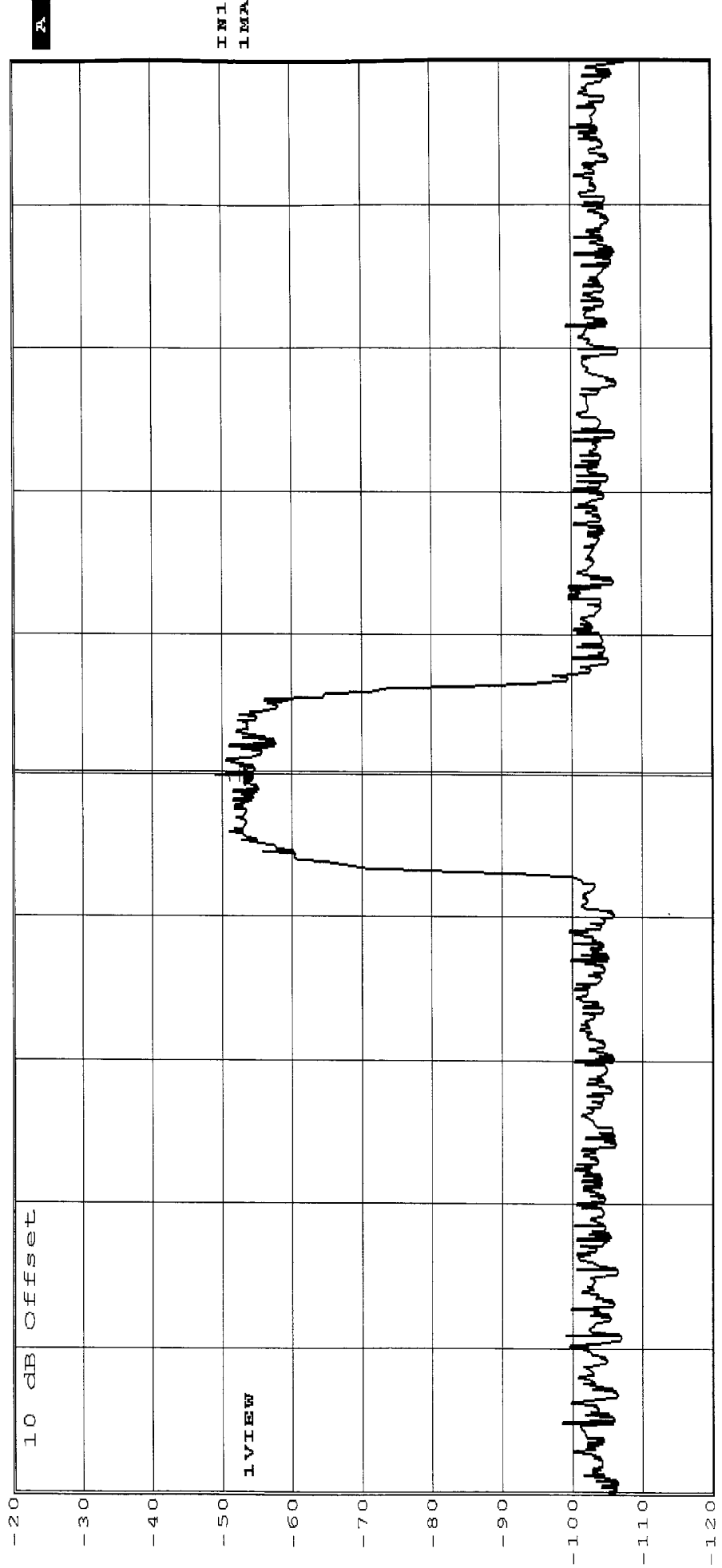
R-4416N3

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - Low Band - downlink - Input at 860 MHz		

Ref Lvl -20 dBm
Marker 1 [T1] -54.57 dBm
RBW 300 Hz
VBW 1 kHz
SWT 14 s
RF Att 10 dB
Unit dBm



Center 860 MHz
 Span 250 kHz
 Date: 4.APR.2005 15:28:35

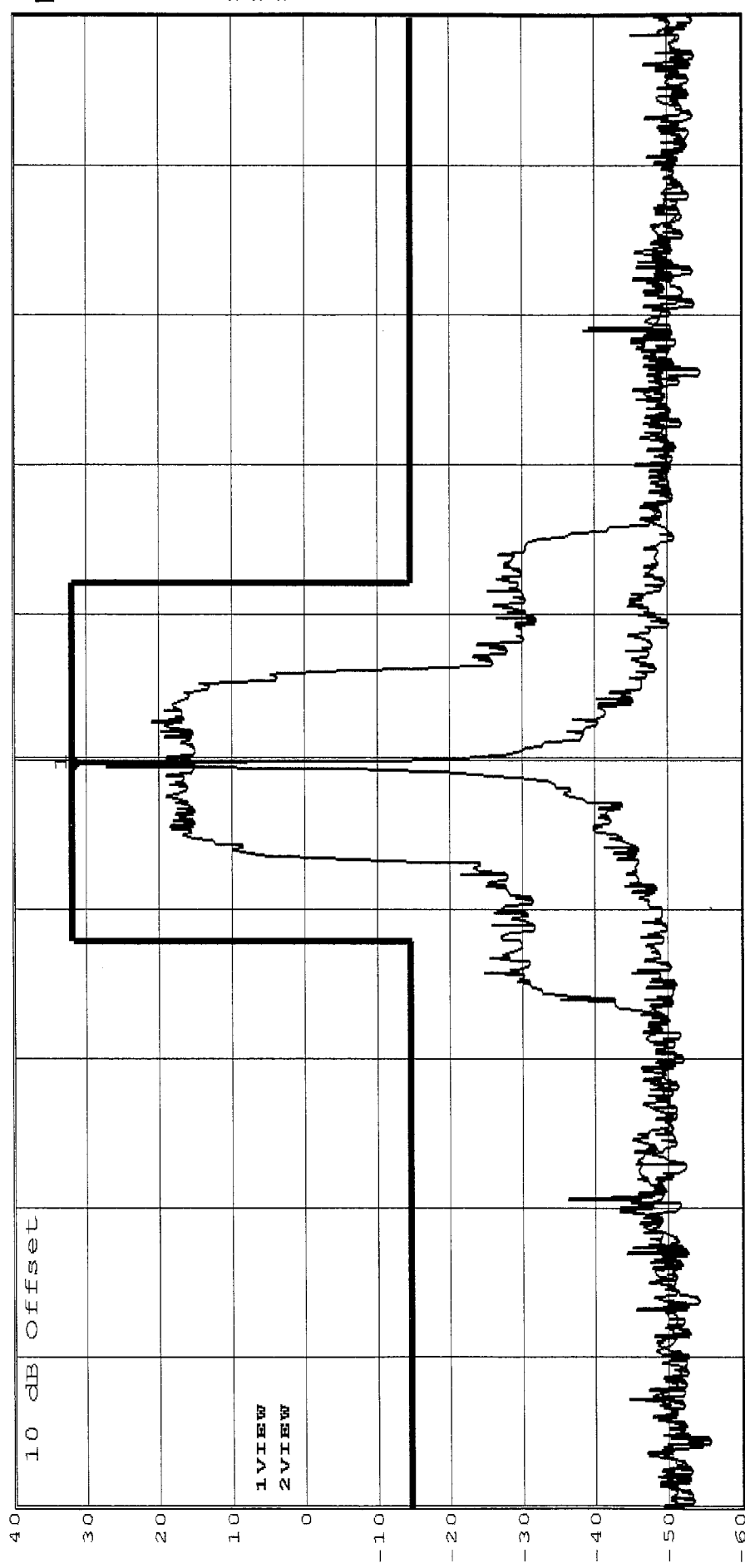
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-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		

Job No: R-4416N3
Technician: T. Firkowski
Date: 4/4/2005

Ref Lvl 40 dBm
Marker 1 [T1]
RBW 300 Hz
VBW 1 kHz
SWT 14 s
RF Att 60 dB
Unit dBm



Center 898.5 MHz
Span 250 kHz

Date: 4.APR.2005 15:36:52

Data Sheet 5 of 8

R-4416N3

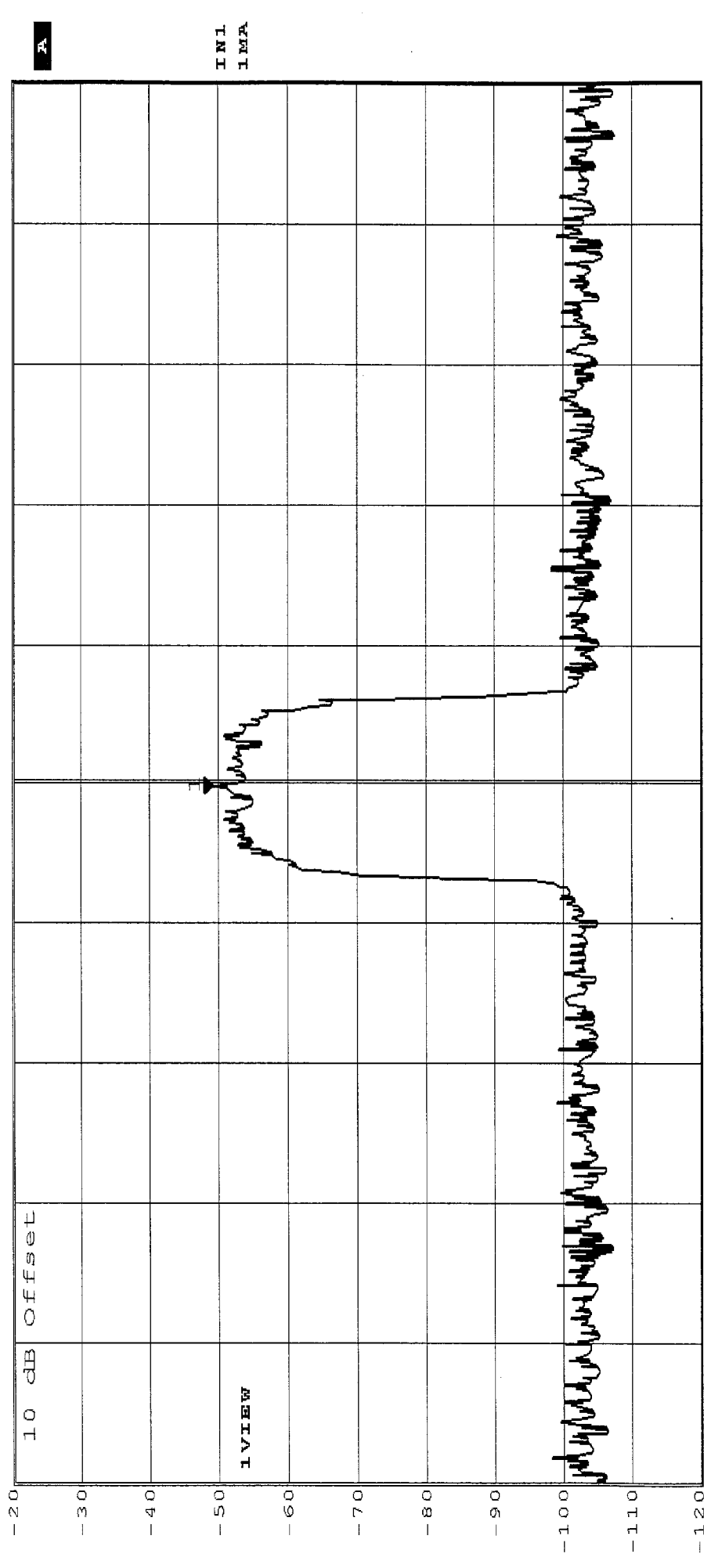
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-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 898.5 MHz		

Job No: R-4416N3
Technician: T. Firkowski
Date: 4/4/2005

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



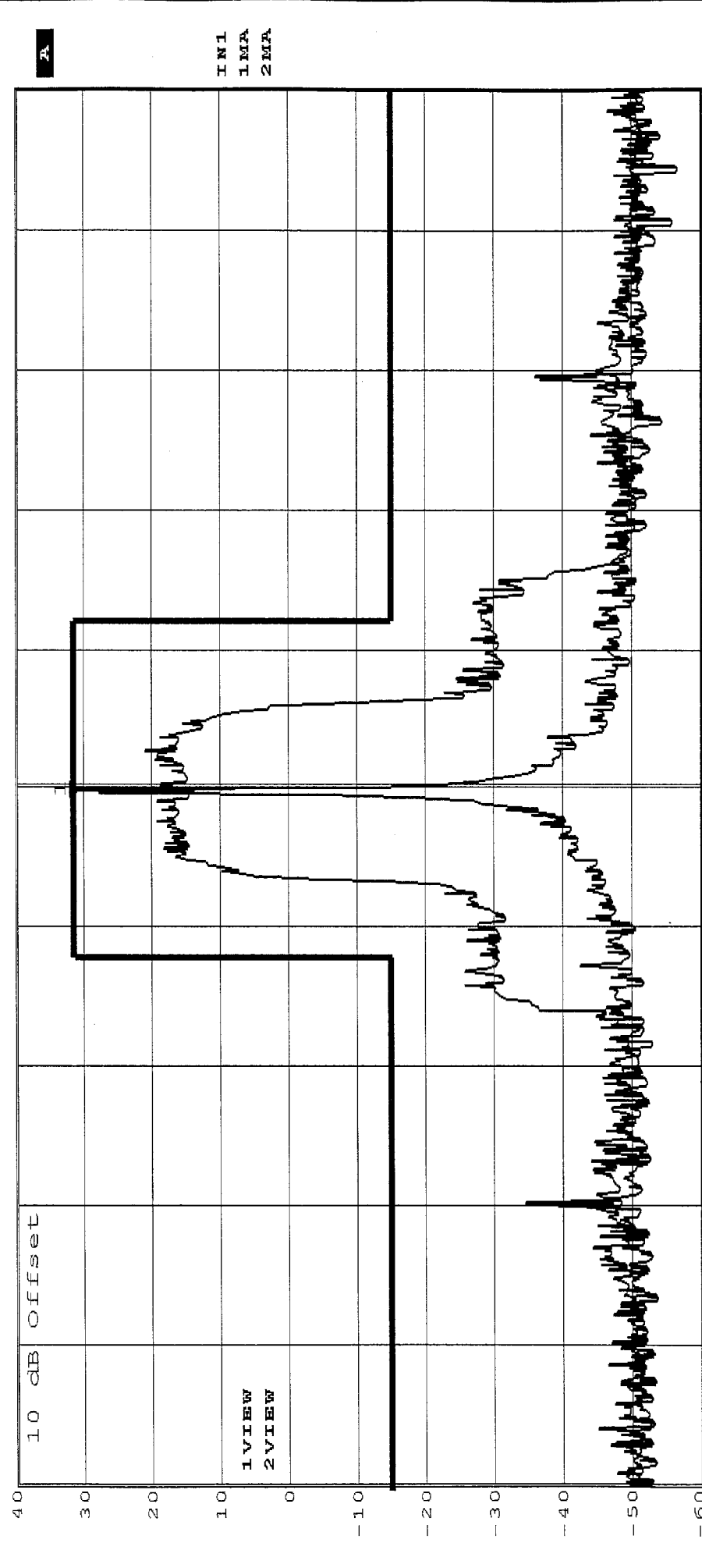
Center 898.5 MHz
Span 250 kHz
Date: 4.APR.2005 15:38:14

RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal	Job No:	R-4416N3
Notes:	TDMA - High Band - downlink - Output at 937.5 MHz	Technician:	T. Firkowski
		Date:	4/4/2005

Ref Lvl 40 dBm
Marker 1 [T1] 30.56 dBm
RBW 300 Hz
VBW 1 kHz
SWT 1.4 s
RF Att 60 dB
Unit dBm



Center 937.5 MHz
 Span 250 kHz
 Date: 4.APR.2005 15:19:53

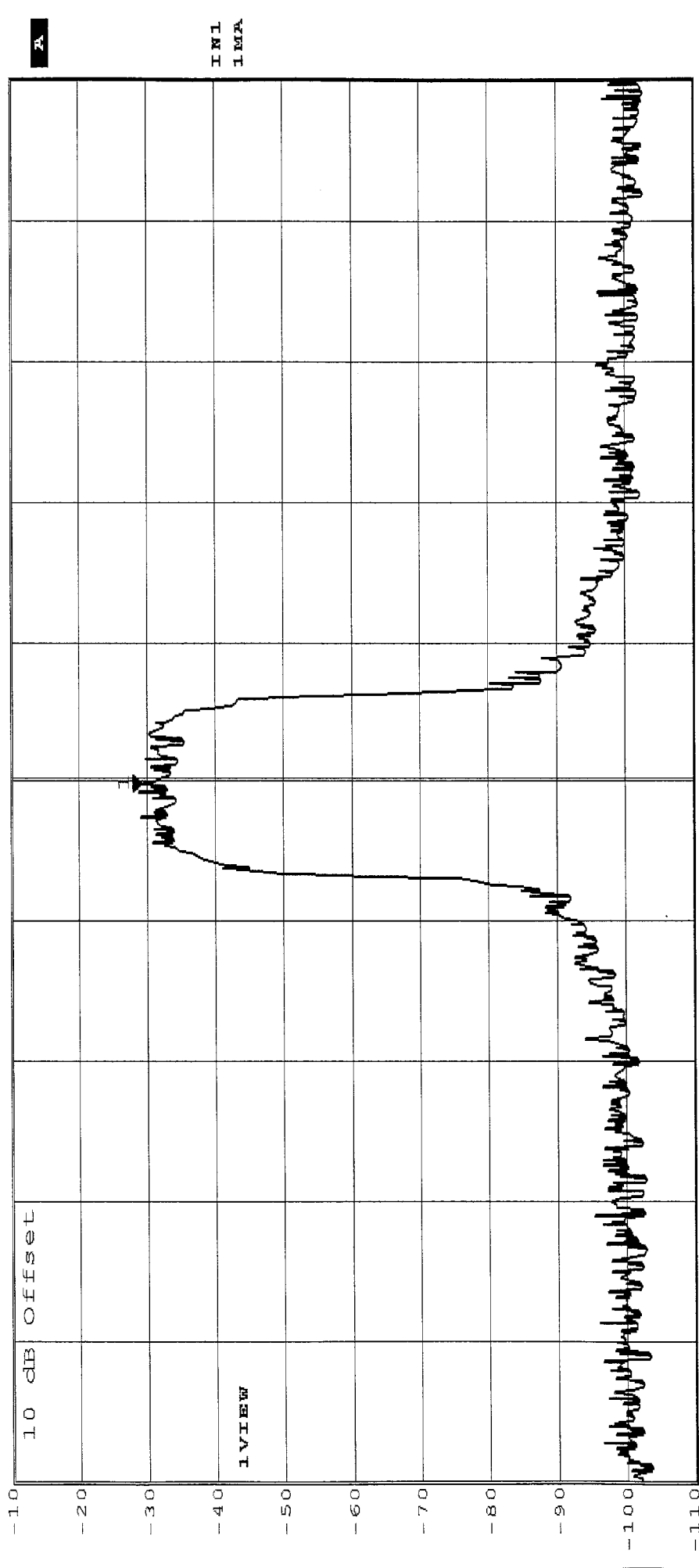
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Occupied Bandwidth	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CS1610-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1049
Operating Mode:	Amplifying input signal		
Notes:	TDMA - High Band - downlink - Input at 937.5 MHz		

Job No: R-4416N3
Technician: T. Firkowski
Date: 4/4/2005

Ref Lvl -10 dBm
Marker 1 [T1] 937.49974950 MHz
RBW 300 Hz
VBW 1 kHz
SWT 14 s
RF Att 10 dB
Unit dBm



Center 937.5 MHz
Span 250 kHz
Date: 4.APR.2005 15:21:36