

RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

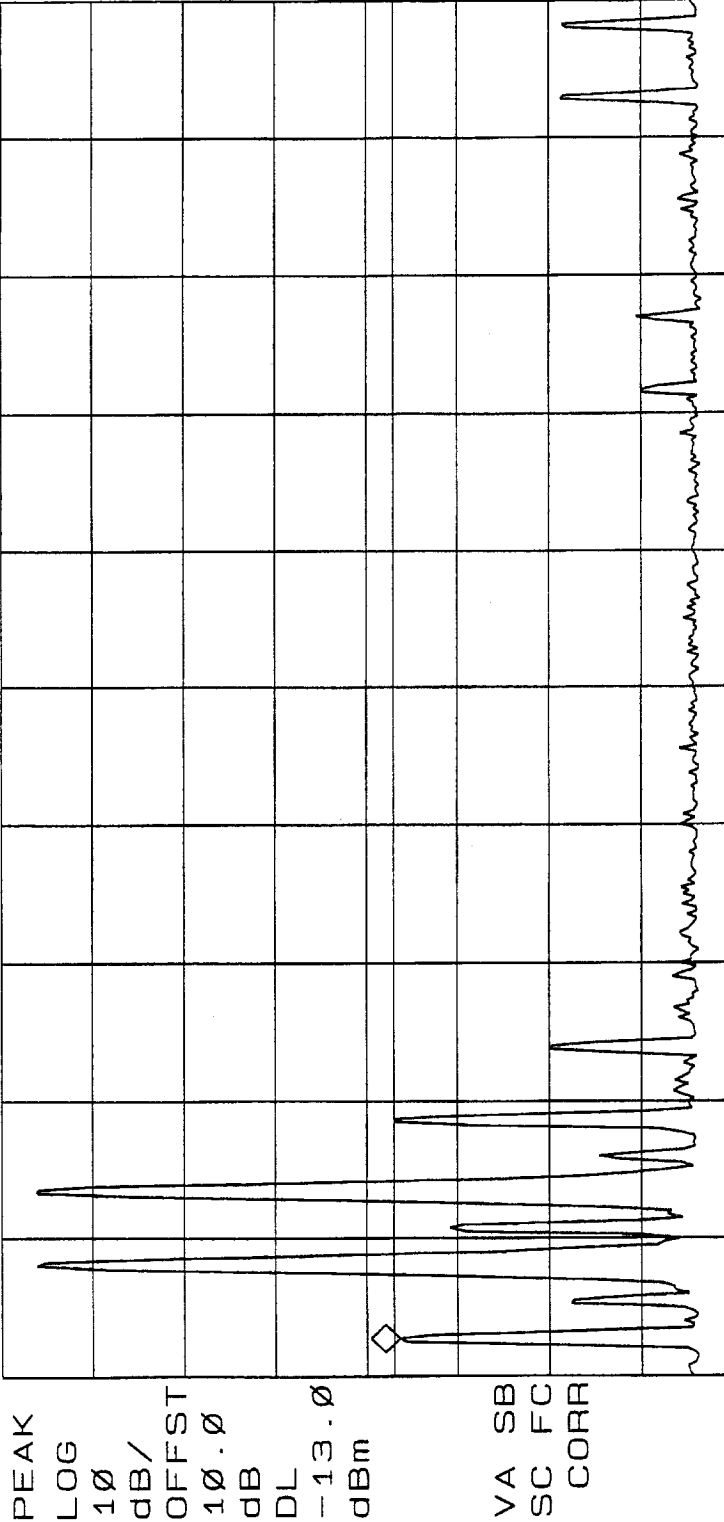
Test Method:	Two Tone	Test Sample:	Dual Band Bidirectional Amplifier	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Serial No:	n/a	Technician:	T. Firkowski
Model No:	CS1510-S89	Paragraph:	2.1047	Date:	4/1/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - low band - uplink - low end of band				

11: 21: 21 APR 01, 2005

MKR 805.52 MHz
-13.67 dBm

AT 30 dB

REF 30.0 dBm



START 805.00 MHz STOP 824.00 MHz
#RES BW 30 KHZ VBW 100 KHZ SWP 63.3 msec

RETLIF TESTING LABORATORIES

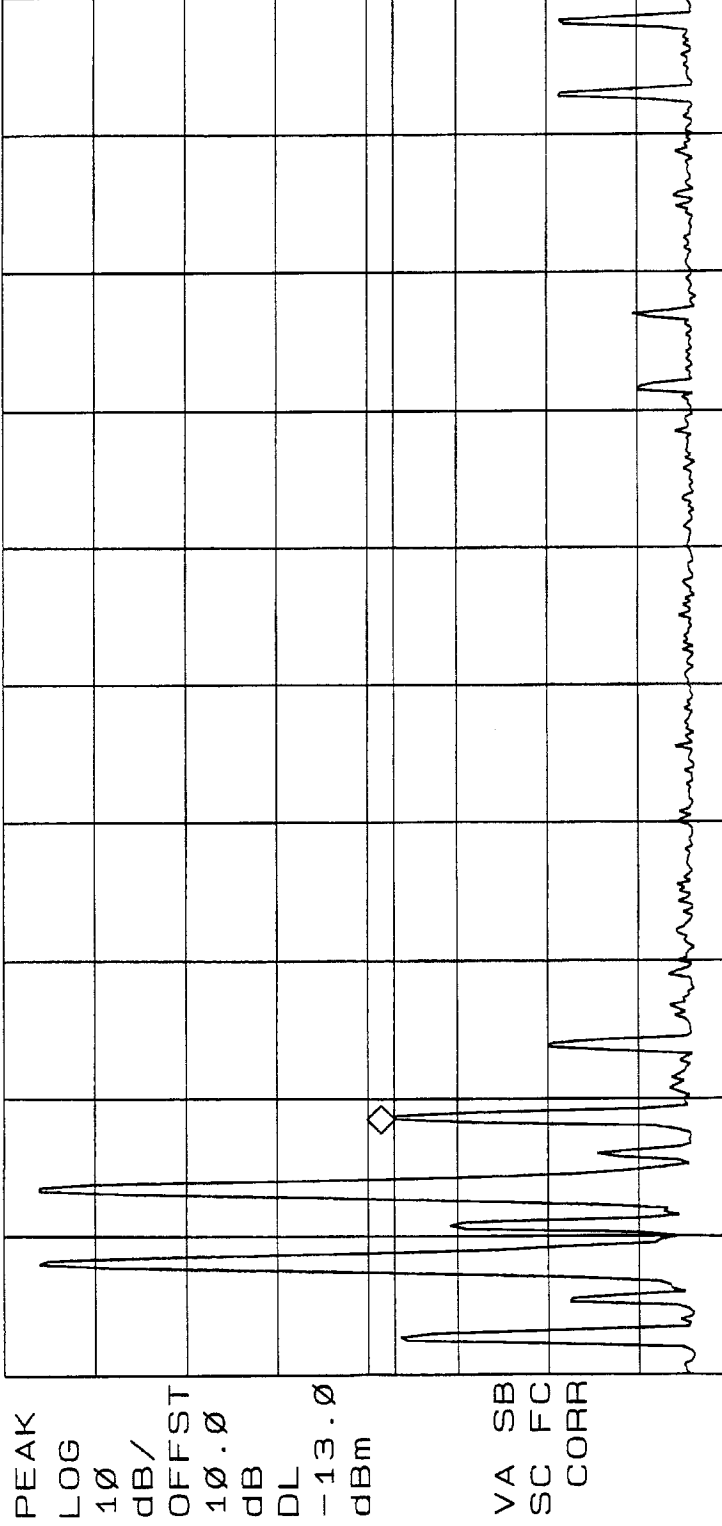
EMISSIONS DATA SHEET

Test Method:		Two Tone	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal	Job No:	R-4416N1
Notes:	TDMA - low band - uplink - low end of band	Technician:	T. Firkowski
		Date:	4/1/2005

11: 21: 59 APR 01, 2005

REF 30.0 dBm AT 30 dB

MKR 808.52 MHz
-13.10 dBm



START 805.00 MHz
#RES BW 30 KHz

VBW 100 KHz

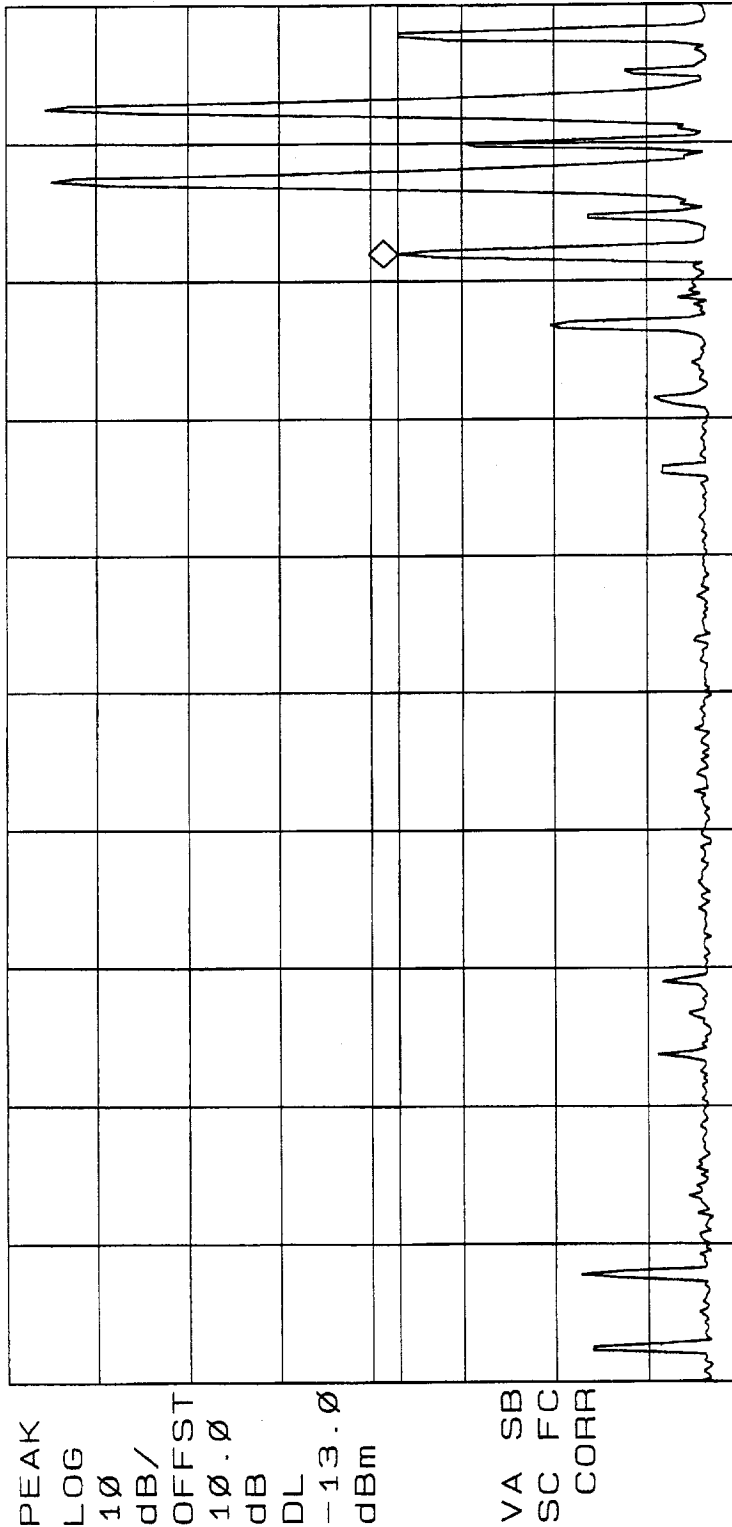
STOP 824.00 MHz
SWP 63.3 msec

RETILF TESTING LABORATORIES

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Test Method:	Two Tone	Test Sample:	Dual Band Bidirectional Amplifier	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Serial No:	n/a	Technician:	T. Firkowski
Model No:	CS1510-S89	Paragraph:	2.1047	Date:	4/1/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - low band - uplink - high end of band				

11: 23: 36 APR 01. 2005 MKR 821.58 MHz
 REF 30.0 dBm AT 30 dB -13.01 dBm



START 806.00 MHz STOP 825.00 MHz
 #RES BW 30 KHZ VBW 100 KHZ SWP 63.3 msec

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Customer:	Cellular Specialties, Inc.	Serial No:	n/a	Technician:	T. Firkowski
Model No:	CS1510-S89	Paragraph:	2.1047	Date:	4/1/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - low band - uplink - high end of band				

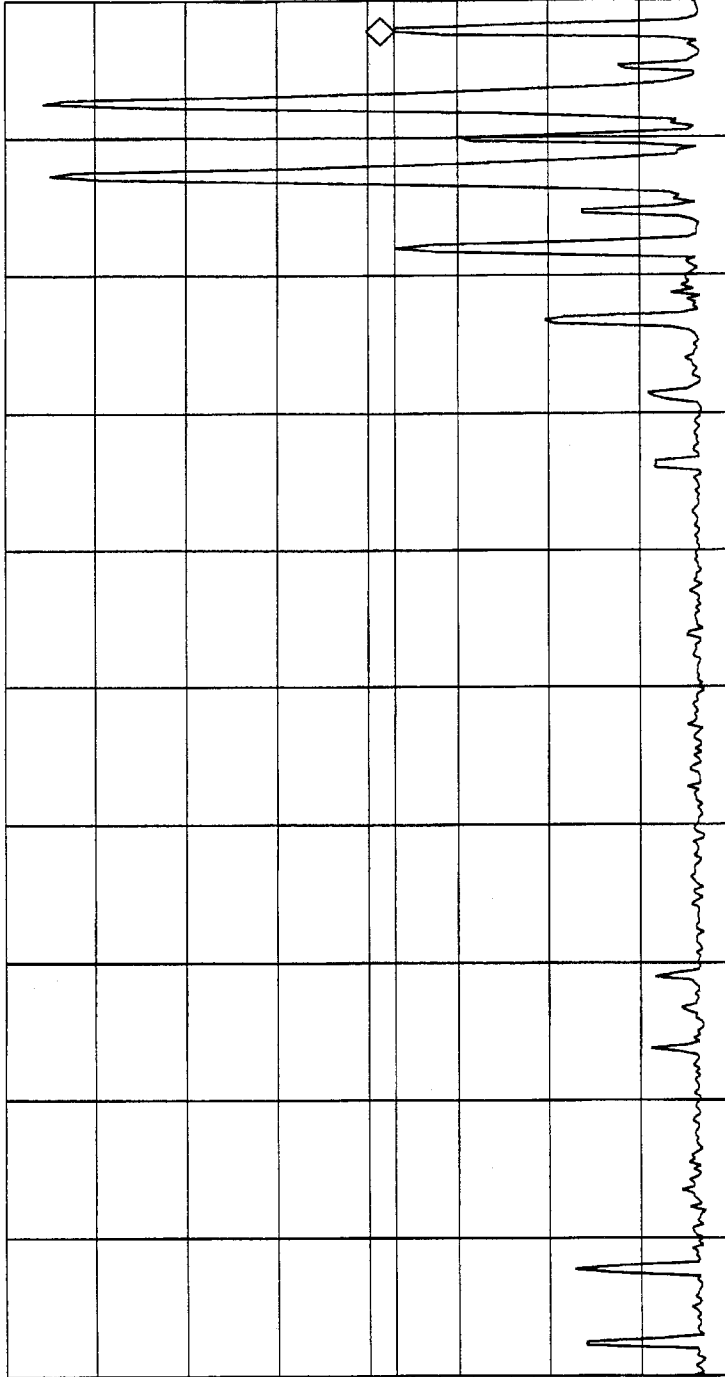
11: 24: 17 APR 01, 2005

REF 30.0 dBm AT 30 dB

MKR 824.57 MHz
-13.01 dBm

PEAK
LOG
10
dB/
OFFST
10.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 806.00 MHz
#RES BW 30 KHZ

VBW 100 KHZ

STOP 825.00 MHz
SWP 63.3 msec

RETLIF TESTING LABORATORIES

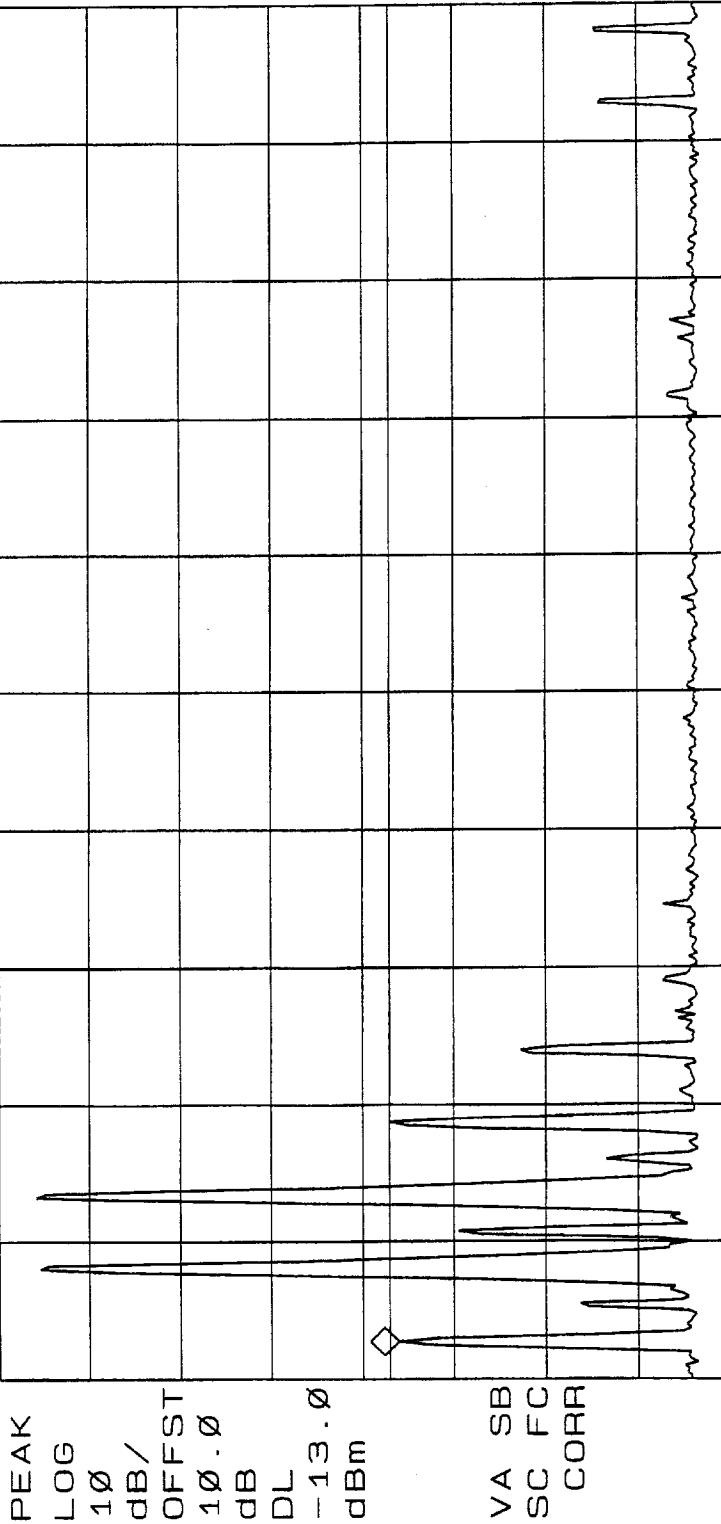
EMISSIONS DATA SHEET

Test Method:	Two Tone	Test Sample:	Dual Band Bidirectional Amplifier	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Serial No:	n/a	Technician:	T. Firkowski
Model No:	CS1510-S89	Paragraph:	2.1047	Date:	4/1/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - low band - downlink - low end of band				

13: 06: 14 APR 01. 2005

REF 30.0 dBm AT 30 dB

MKR 850.52 MHz
-14.01 dBm



START 850.00 MHz

STOP 869.00 MHz

#RES BW 30 KHZ

VBW 100 KHZ

SWP 63.3 msec

RETLIF TESTING LABORATORIES

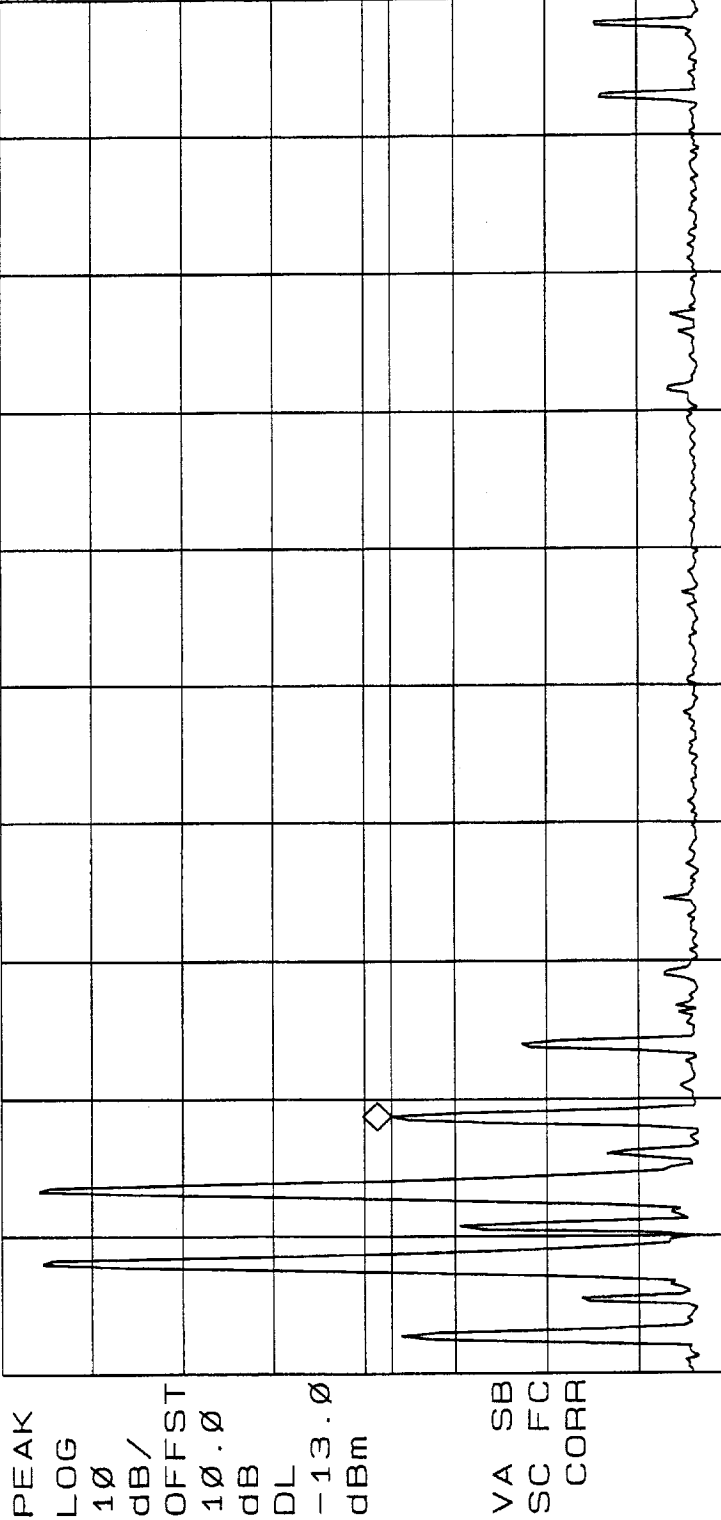
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Test Method:	Two Tone	Test Sample:	Dual Band Bidirectional Amplifier	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Serial No:	n/a	Technician:	T. Firkowski
Model No:	CS1510-S89	Paragraph:	2.1047	Date:	4/1/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - low band - downlink - low end of band				

13: 06: 57 APR 01, 2005

MKR 853.56 MHz
-13.02 dBm

REF 30.0 dBm AT 30 dB



START 850.00 MHz
#RES BW 30 KHZ

VBW 100 KHZ

STOP 869.00 MHz
SWP 63.3 msec

RETILF TESTING LABORATORIES

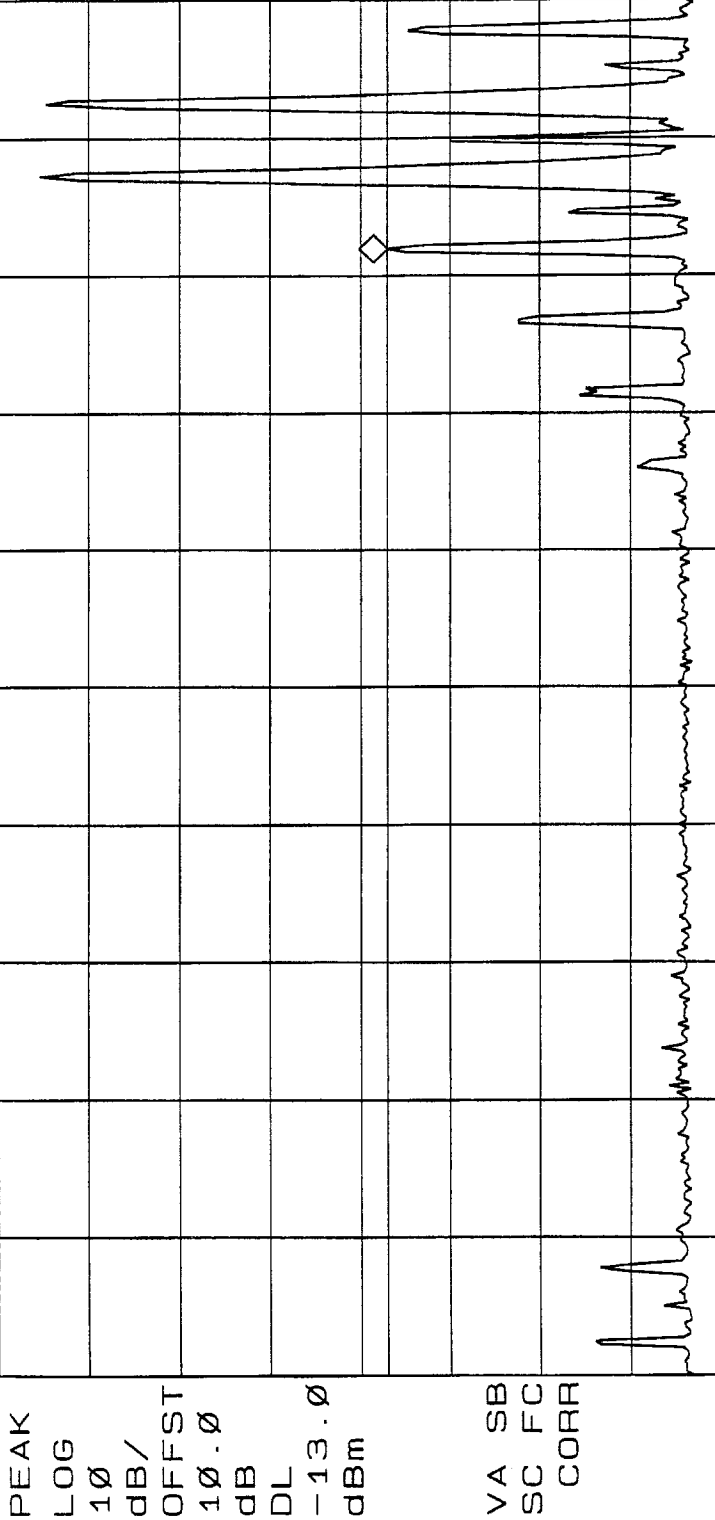
EMISSIONS DATA SHEET

Test Method:	Two Tone	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:	2.1047	Date:	4/1/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - low band - downlink - high end of band				

13: 09: 05 APR 01. 2005

REF 30.0 dBm AT 30 dB

MKR 866.58 MHz
-13.02 dBm



START 851.00 MHz

#RES BW 30 KHZ

VBW 100 KHZ

STOP 870.00 MHz

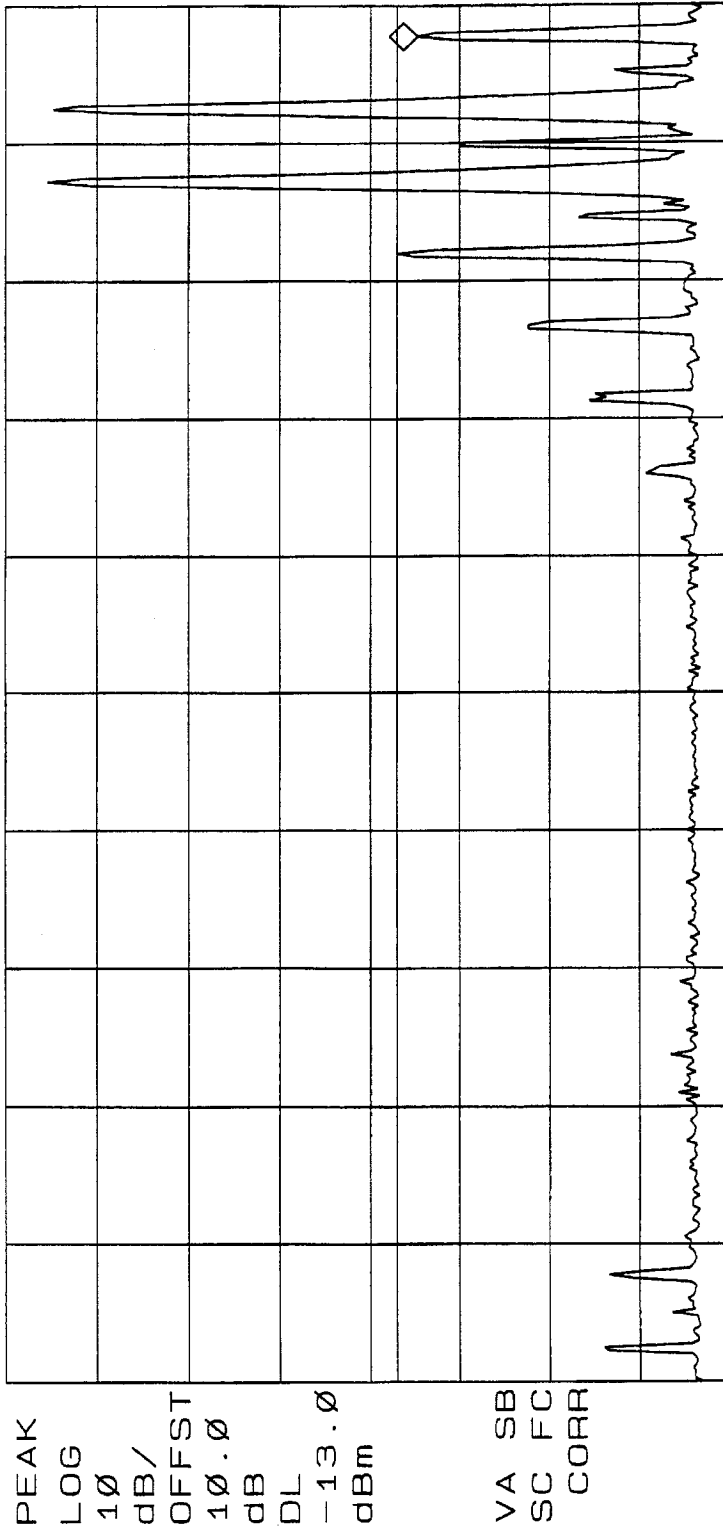
SWP 63.3 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Two Tone		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	TDMA - low band - downlink - high end of band		
Job No:	R-4416N1		
Technician:	T. Firkowski		
Date:	4/1/2005		

13: 09: 44 APR 01. 2005
 REF 30.0 dBm AT 30 dB
 MKR 869.57 MHz
 -15.32 dBm



START 851.00 MHz
 #RES BW 30 KHz
 VBW 100 KHz
 STOP 870.00 MHz
 SWP 63.3 msec

RETILF TESTING LABORATORIES

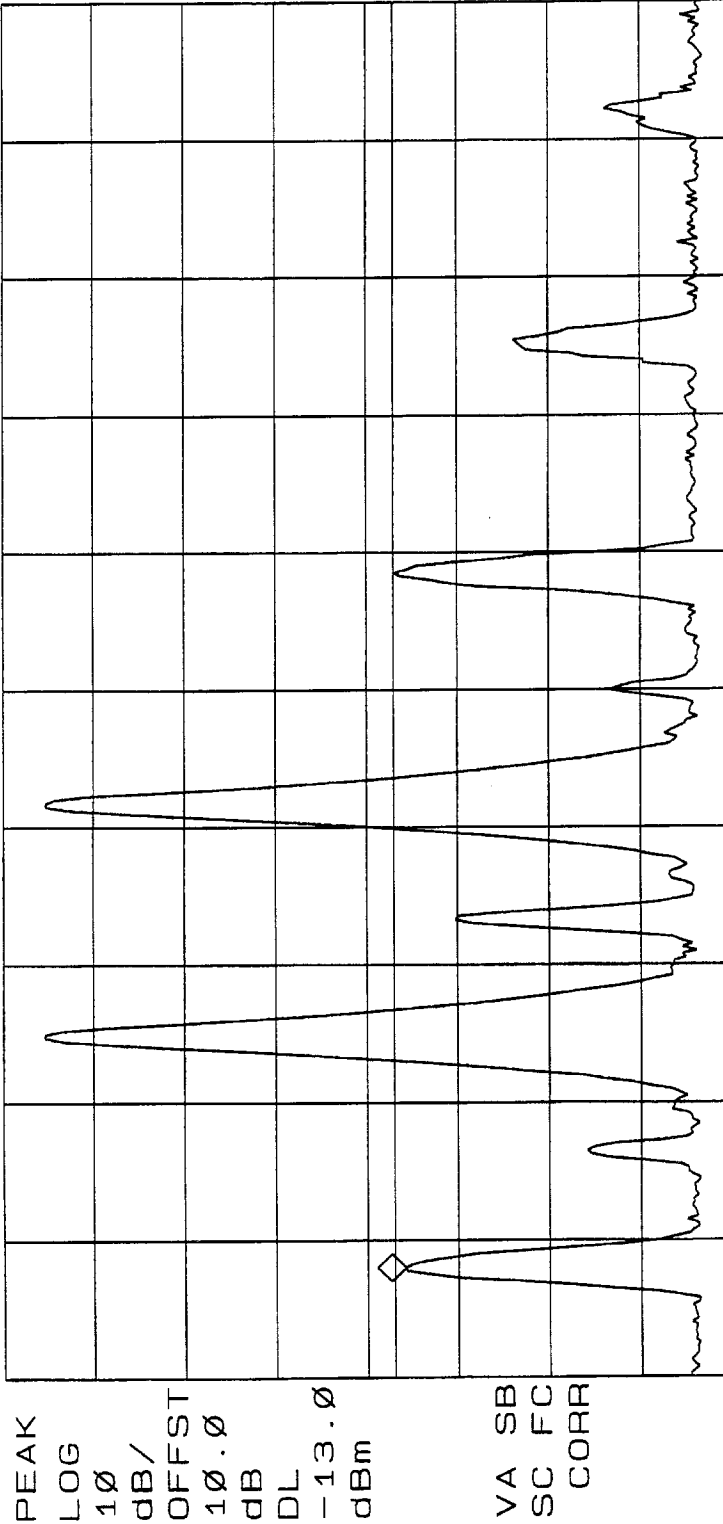
EMISSIONS DATA SHEET

Test Method:	Two Tone	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Technician:	T. Firkowski
Model No:	CSI510-S89	Date:	4/1/2005
Test Specification:	FCC Part 2	Serial No:	n/a
Operating Mode:	Amplifying input signal	Paragraph:	2.1047
Notes:	TDMA - high band - uplink - low end of band		

11: 27: 37 APR 01. 2005

MR 895.480 MHz
-14.27 dBm

REF 30.0 dBm AT 30 dB



START 895.000 MHz STOP 901.000 MHz
#RES BW 30 KHZ VBW 100 KHZ SWP 20.0 msec

RETILF TESTING LABORATORIES

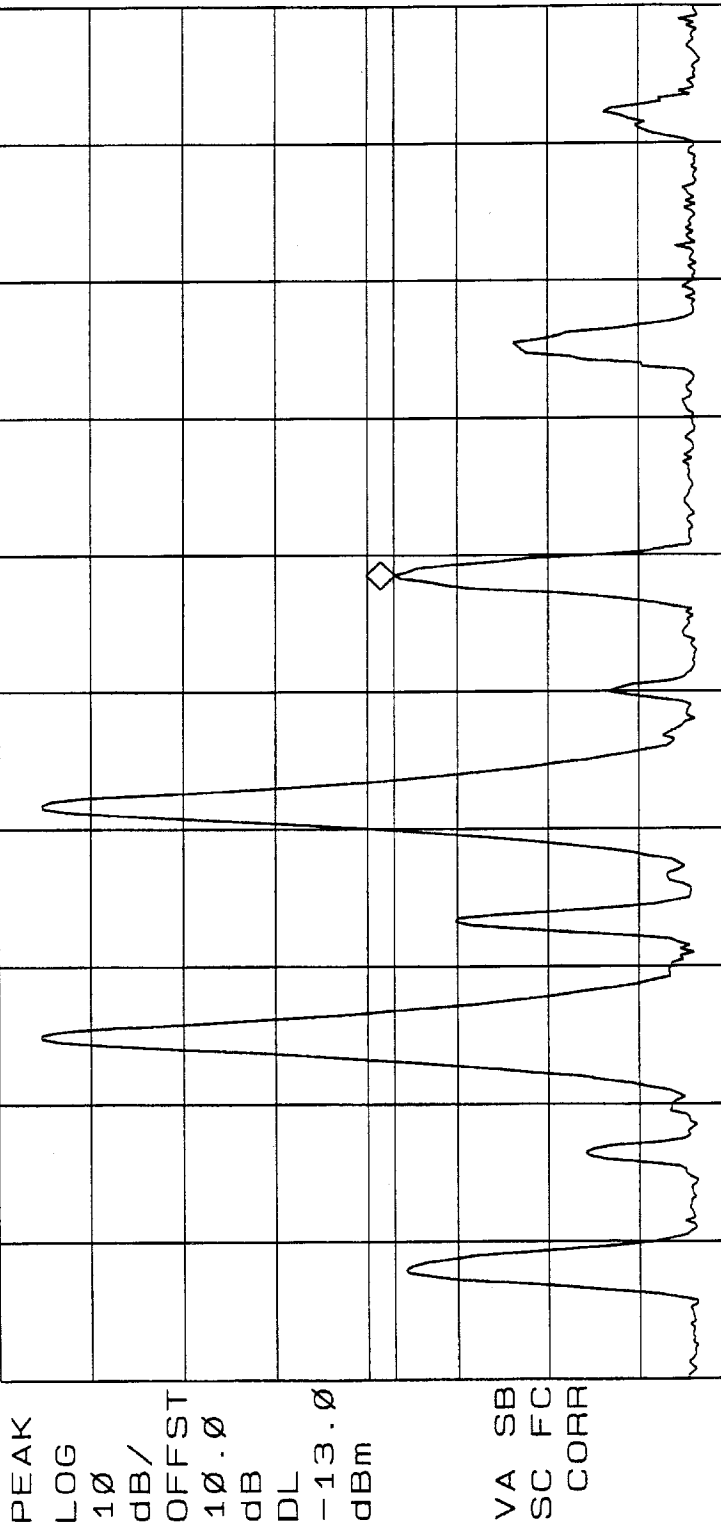
EMISSIONS DATA SHEET

Test Method:	Two Tone	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Technician:	T. Firkowski
Operating Mode:	Amplifying input signal	Date:	4/1/2005
Notes:	TDMA - high band - uplink - low end of band		

11: 28: 18 APR 01, 2005

REF 30.0 dBm AT 30 dB

MKR 898.510 MHz
-13.09 dBm



START 895.000 MHz STOP 901.000 MHz
#RES BW 30 KHZ SWP 20.0 msec
VBW 100 KHZ

RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

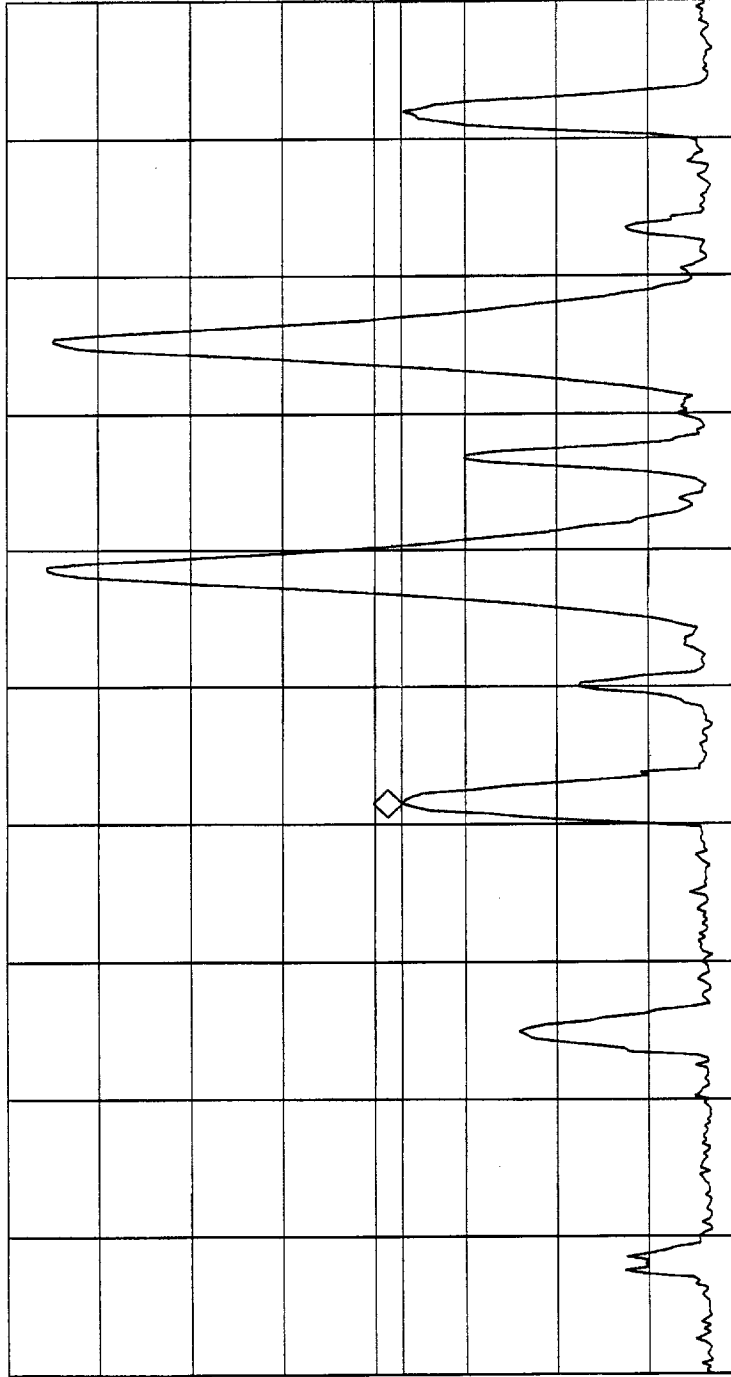
Test Method:	Two Tone	Test Sample:	Dual Band Bidirectional Amplifier	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Serial No:	n/a	Technician:	T. Firkowski
Model No:	CSI510-S89	Paragraph:	2.1047	Date:	4/1/2005
Test Specification:	FCC Part 2				
Operating Mode:	Amplifying input signal				
Notes:	TDMA - high band - uplink - high end of band				

11: 29: 56 APR 01, 2005

REF 30.0 dBm AT 30 dB

MKR 898.490 MHz
-13.05 dBm

PEAK
LOG
10
dB/
OFFST
10.0
dB
DL
-13.0
dBm



VA SB
SC FC
CORR

START 896.000 MHz
#RES BW 30 KHZ

VBW 100 KHZ

STOP 902.000 MHz
SWP 20.0 msec

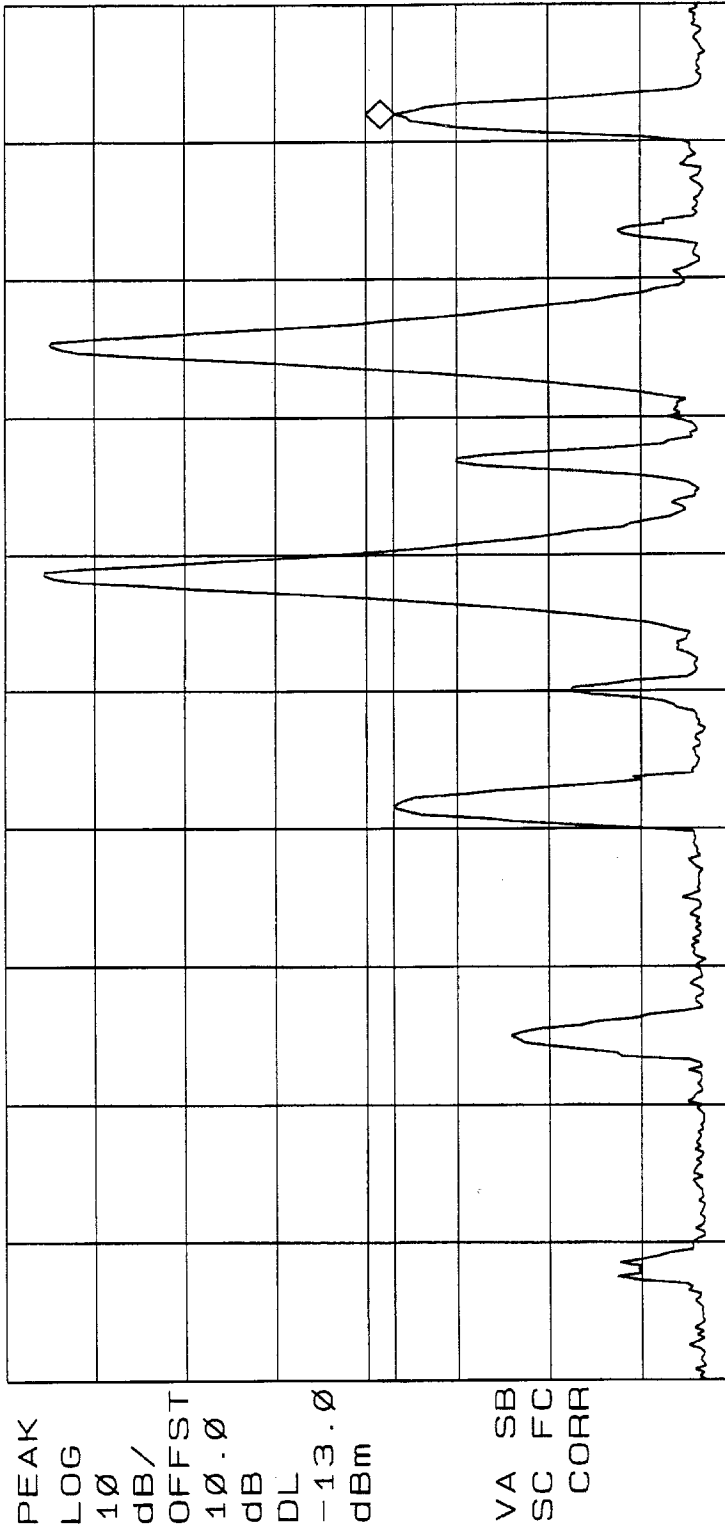
RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:		Two Tone	
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal	Job No:	R-4416N1
Notes:	TDMA - high band - uplink - high end of band	Technician:	T. Firkowski
		Date:	4/1/2005

11: 30: 42 APR 01, 2005

REF 30.0 dBm AT 30 dB MKR 901.520 MHz
-13.21 dBm



START 896.000 MHz STOP 902.000 MHz
#RES BW 30 KHZ SWP 20.0 msec

RETLIF TESTING LABORATORIES

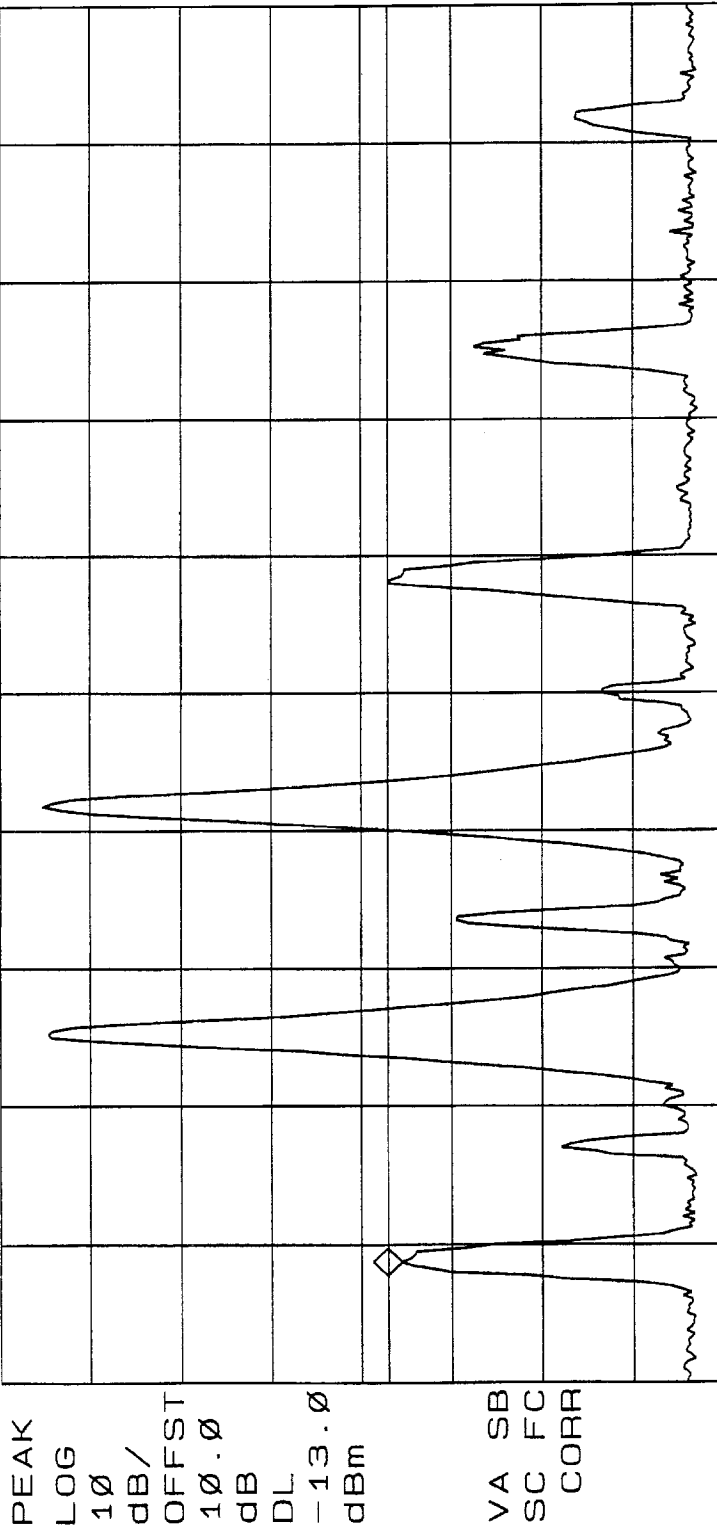
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Test Method:	Two Tone	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Technician:	T. Firkowski
Model No:	CSI510-S89	Date:	4/1/2005
Test Specification:	FCC Part 2	Serial No:	n/a
Operating Mode:	Amplifying input signal	Paragraph:	2.1047
Notes:	TDMA - high band - downlink - low end of band		

13: 12: 52 APR 01, 2005

MR 934.525 MHz
-14.52 dBm

REF 30.0 dBm AT 30 dB



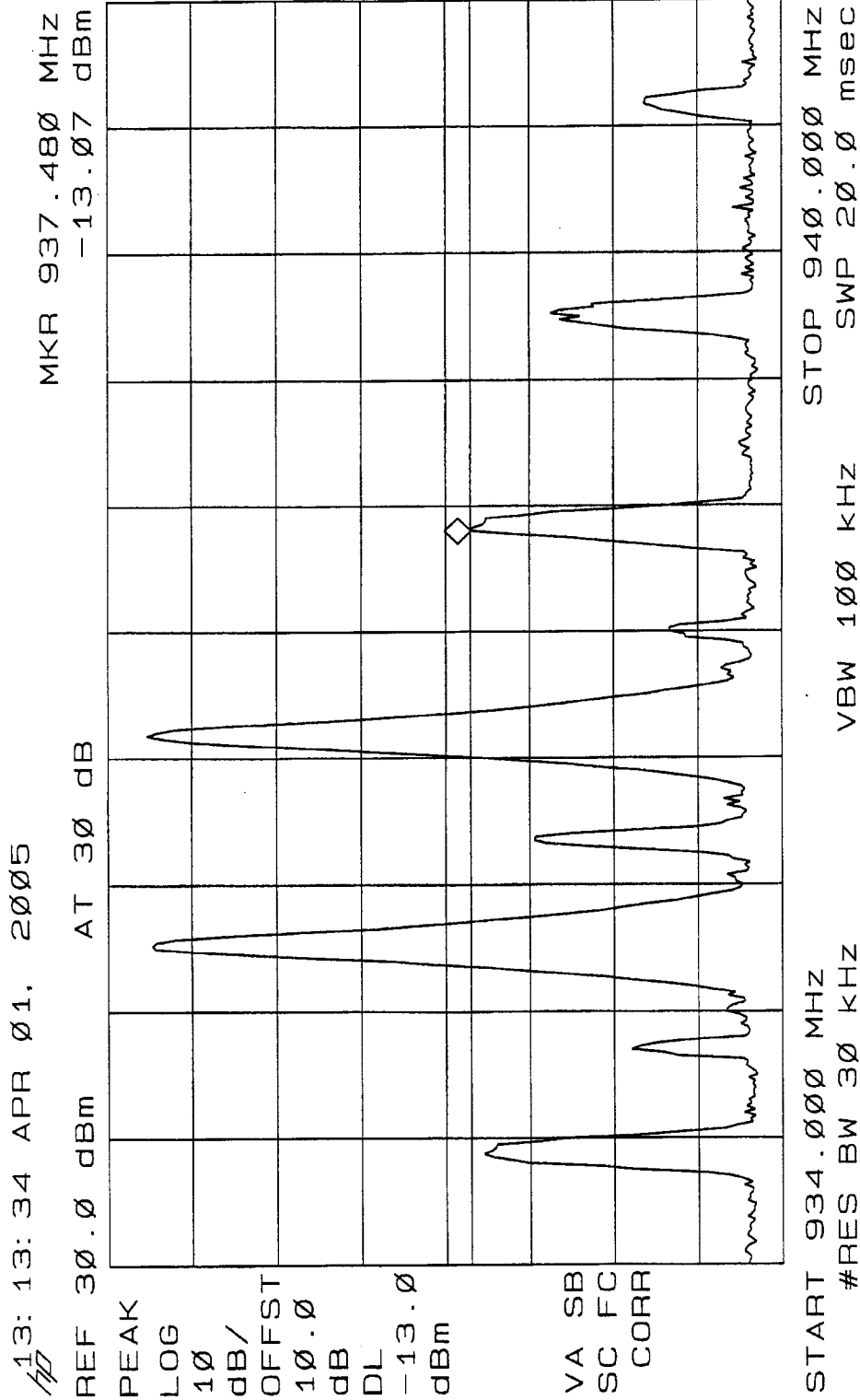
START 934.000 MHz STOP 940.000 MHz
#RES BW 30 KHZ SWP 20.0 msec

VBW 100 KHZ

RETILF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Two Tone	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Technician:	T. Firkowski
Model No:	CSI510-S89	Date:	4/1/2005
Test Specification:	FCC Part 2		
Operating Mode:	Amplifying input signal		
Notes:	TDMA - high band - downlink - low end of band		



RETLIF TESTING LABORATORIES

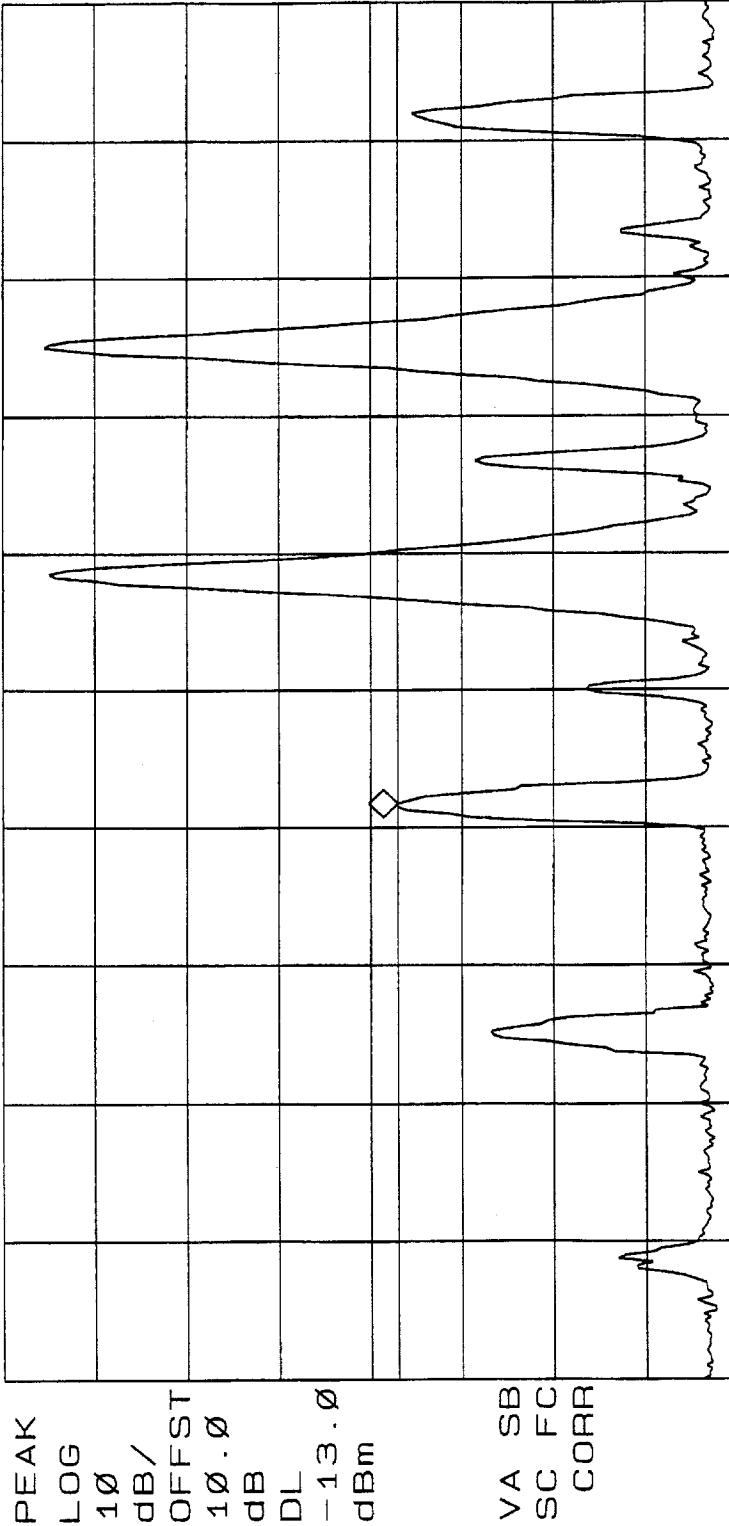
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Test Method:	Two Tone	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Technician:	T. Firkowski
Operating Mode:	Amplifying input signal	Date:	4/1/2005
Notes:	TDMA - high band - downlink - high end of band		

13: 17: 09 APR 01, 2005

MR 937.505 MHz
-13.00 dBm

REF 30.0 dBm AT 30 dB



START 935.000 MHz STOP 941.000 MHz
#RES BW 30 KHZ SWP 20.0 msec
VBW 100 KHZ

RETLIF TESTING LABORATORIES

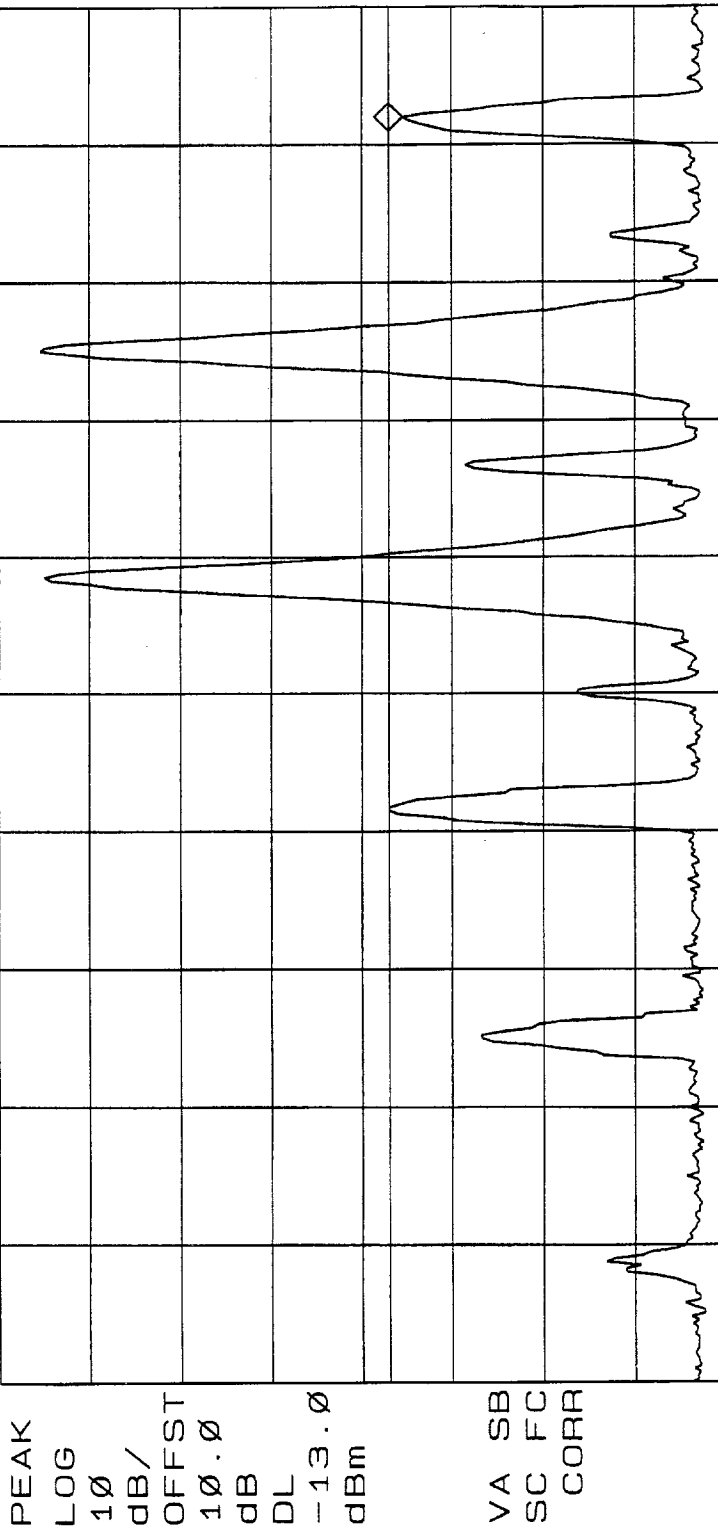
EMISSIONS DATA SHEET

Test Method:	Two Tone	Job No:	R-4416N1
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI510-S89	Serial No:	n/a
Test Specification:	FCC Part 2	Technician:	T. Firkowski
Operating Mode:	Amplifying input signal	Date:	4/1/2005
Notes:	TDMA - high band - downlink - high end of band		

13: 17: 54 APR 01. 2005

REF 30.0 dBm AT 30 dB

MKR 940.520 MHz
-14.57 dBm



START 935.000 MHz
#RES BW 30 KHZ

VBW 100 KHZ

STOP 941.000 MHz
SWP 20.0 msec