

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -FM - Uplink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

14: 17: 20 AUG 14, 2006

REF 30.0 dBm

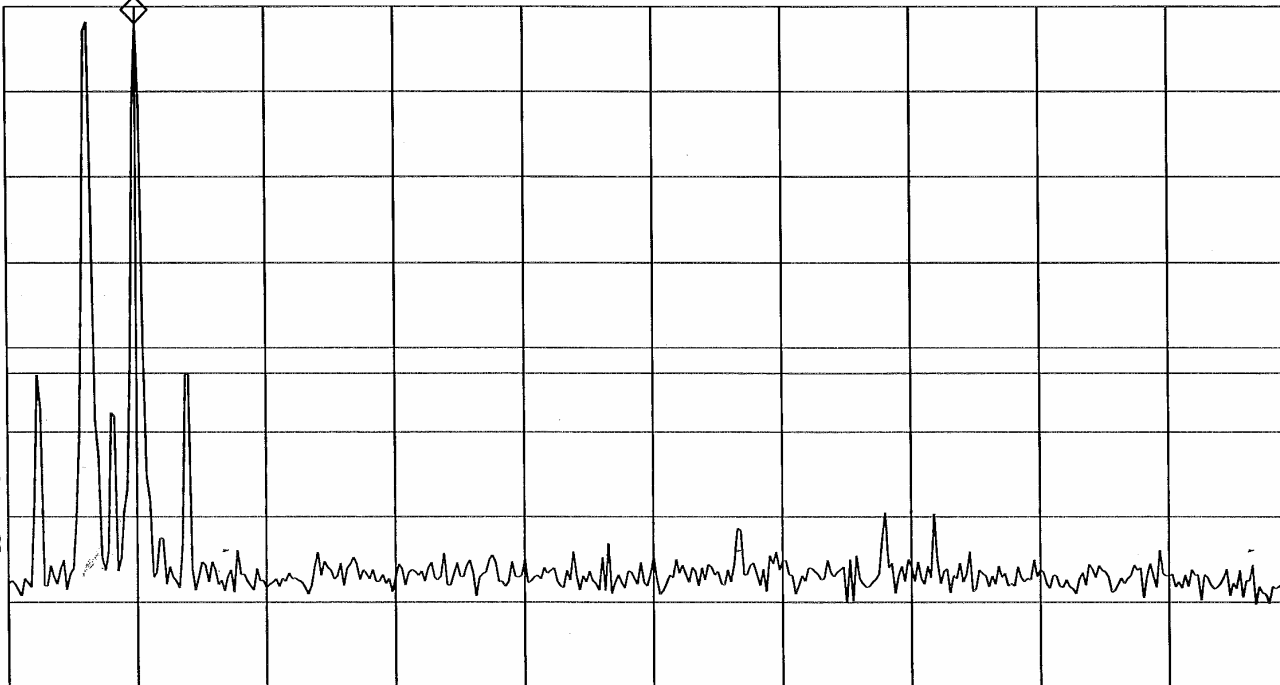
AT 10 dB

MKR 825.60 MHz

28.03 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 823.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 849.00 MHz

SWP 86.7 msec

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Notes:	Amps Band -FM - Uplink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

14: 28: 20 AUG 14, 2006

REF 30.0 dBm

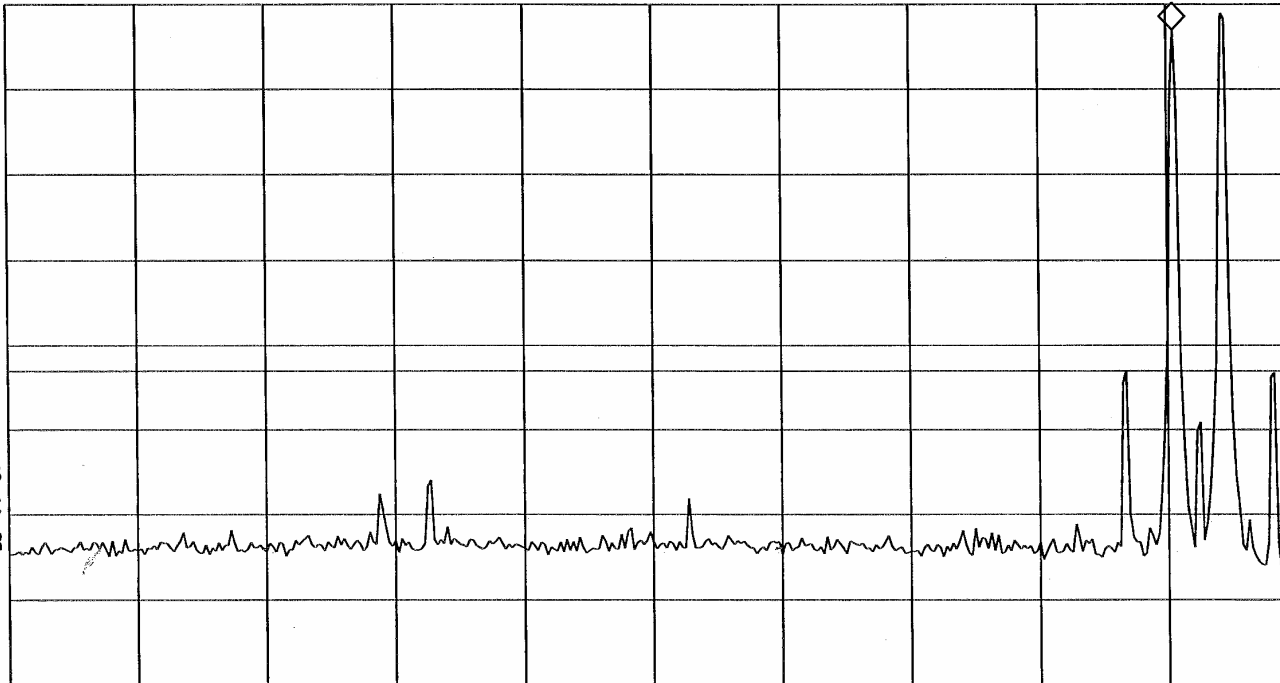
AT 10 dB

MKR 847.53 MHz

26.99 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 824.000 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 850.000 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

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Notes:	Amps Band -FM - Uplink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

14: 28: 54 AUG 14, 2006

REF 30.0 dBm

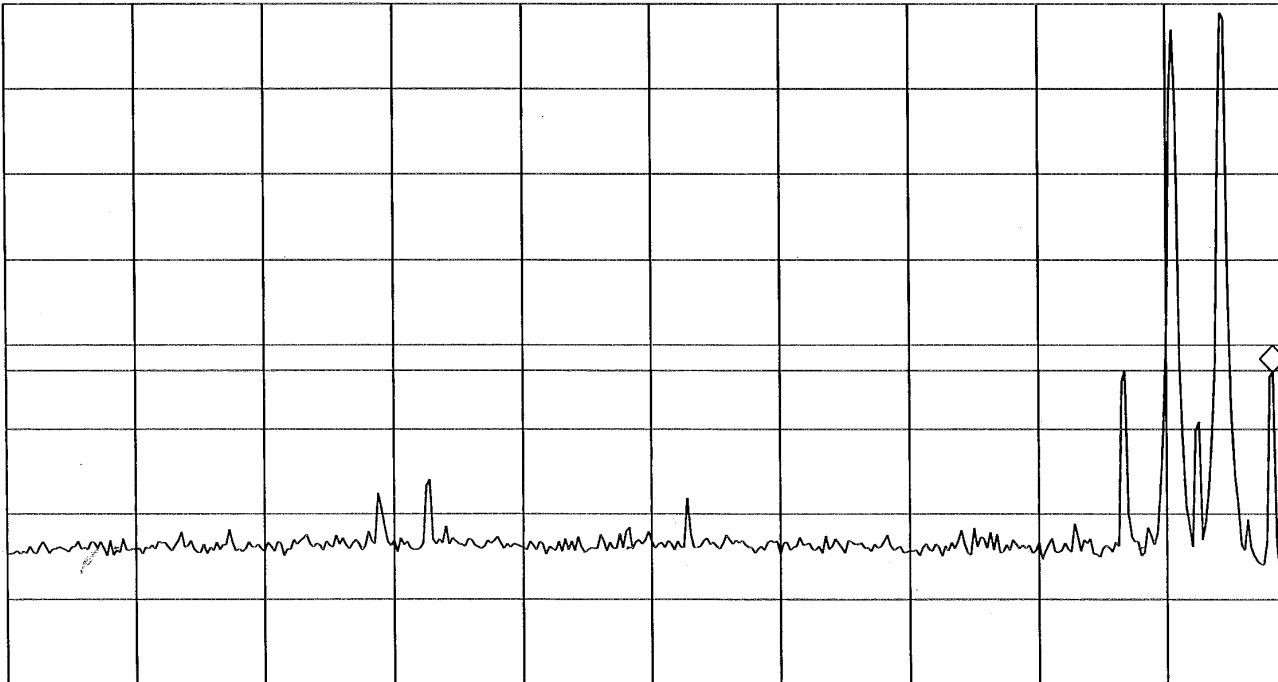
AT 10 dB

MKR 849.55 MHz

-13.23 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 824.00 MHz

#RES BW 30 kHz

#VBW 100 kHz

STOP 850.00 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

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Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -FM - Uplink		

14: 28: 38 AUG 14, 2006

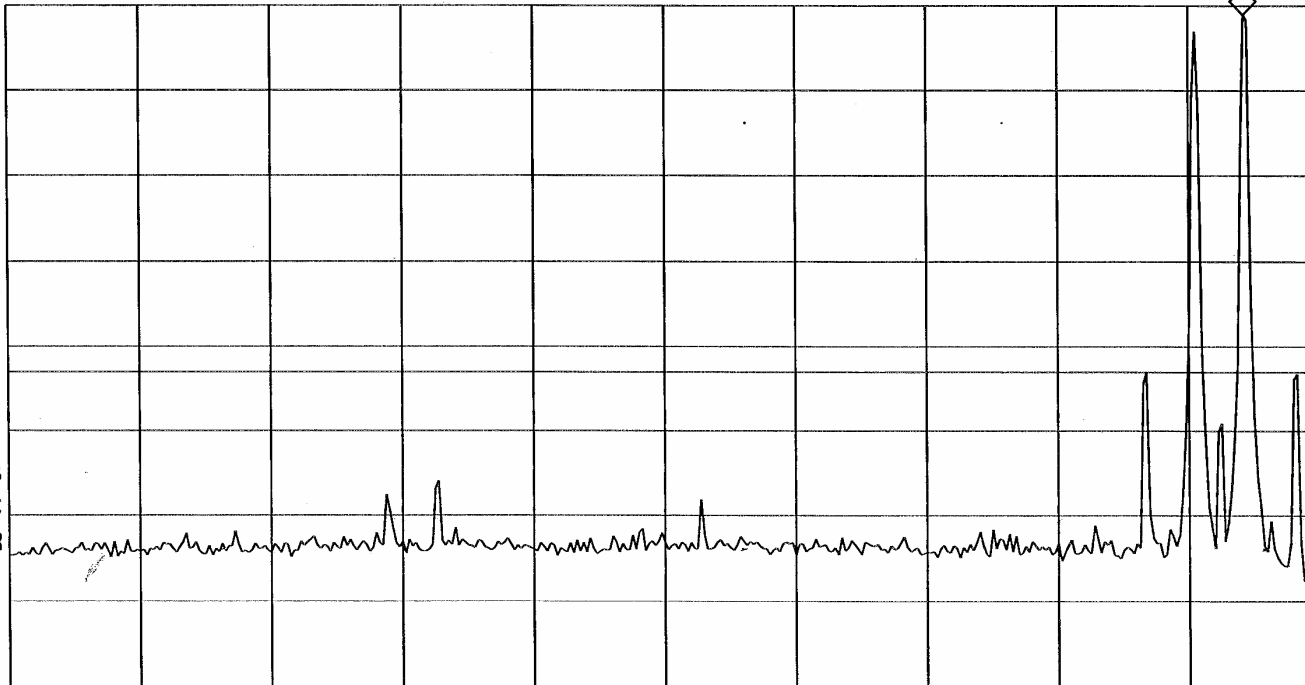
MKR 848.51 MHz

REF 30.0 dBm AT 10 dB

28.95 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 824.000 MHz

#RES BW 30 kHz

#VBW 100 kHz

STOP 850.000 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -FM - Uplink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

14: 28: 38 AUG 14, 2006

REF 30.0 dBm

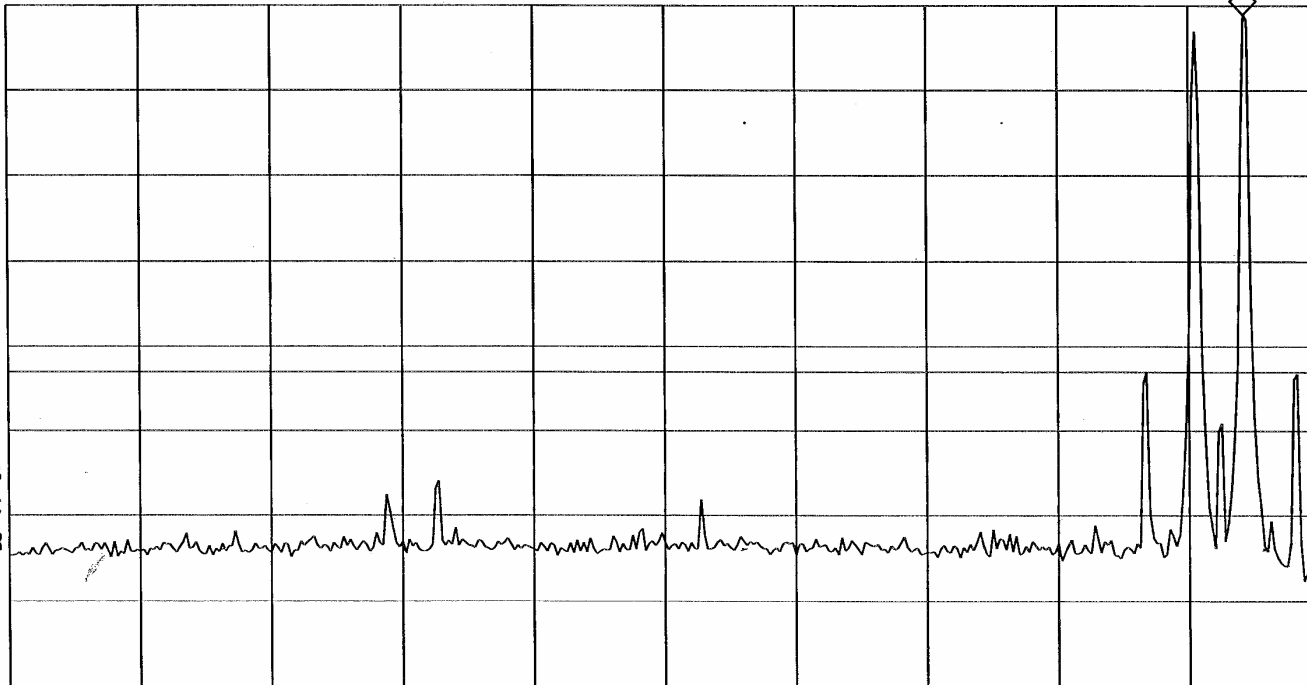
AT 10 dB

MKR 848.51 MHz

28.95 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 824.000 MHz

#RES BW 30 kHz

#VBW 100 kHz

STOP 850.000 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
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Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -FM - Uplink		
Job No:	R-4609N-3		Technician:
		M.Seamans	
Date:	8/16/2006		

14: 28: 09 AUG 14, 2006

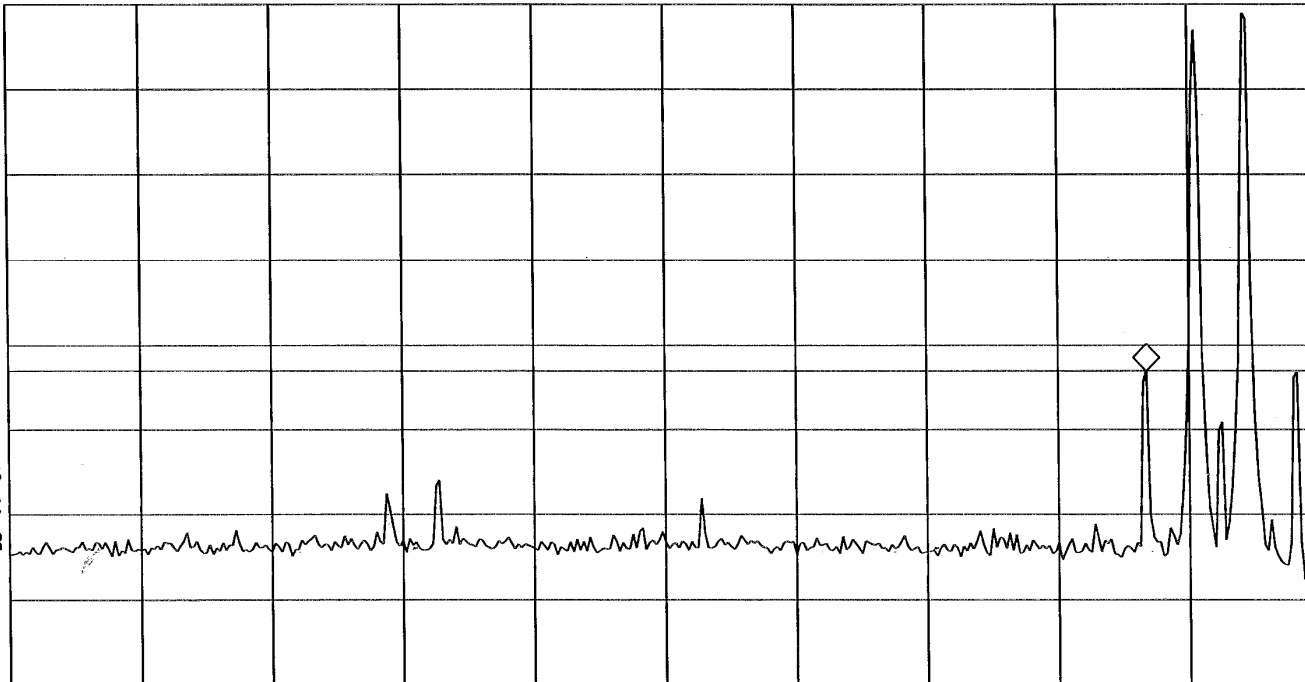
MKR 846.56 MHz

REF 30.0 dBm AT 10 dB

-13.04 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 824.00 MHz
#RES BW 30 KHz

#VBW 100 KHz

STOP 850.00 MHz
SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
	PCS Band -TDMA - Downlink		

09: 26: 16 AUG 24, 2006

MKR 1.94258 GHz

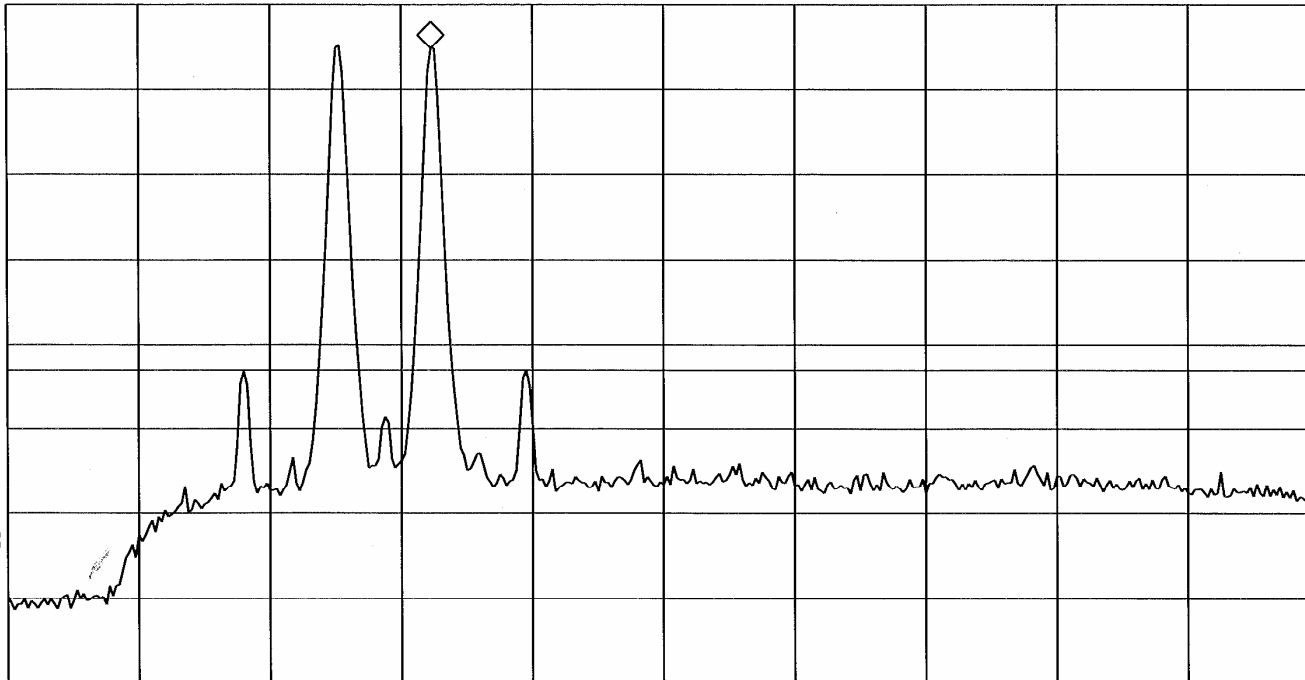
REF 30.0 dBm

AT 10 dB

24.80 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 1.99000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		

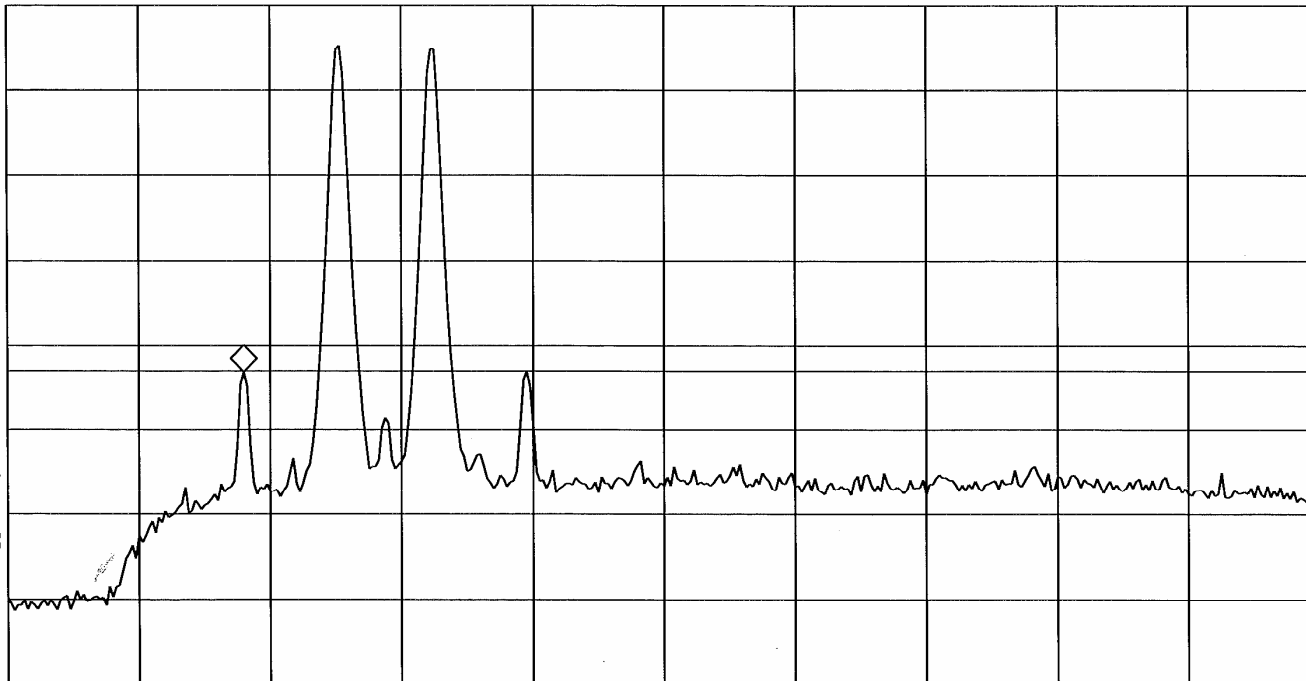
09: 26: 40 AUG 24, 2006

MKR 1.93260 GHz
-13.12 dBm

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 1.99000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

09: 25: 44 AUG 24, 2006

MKR 1.94765 GHz

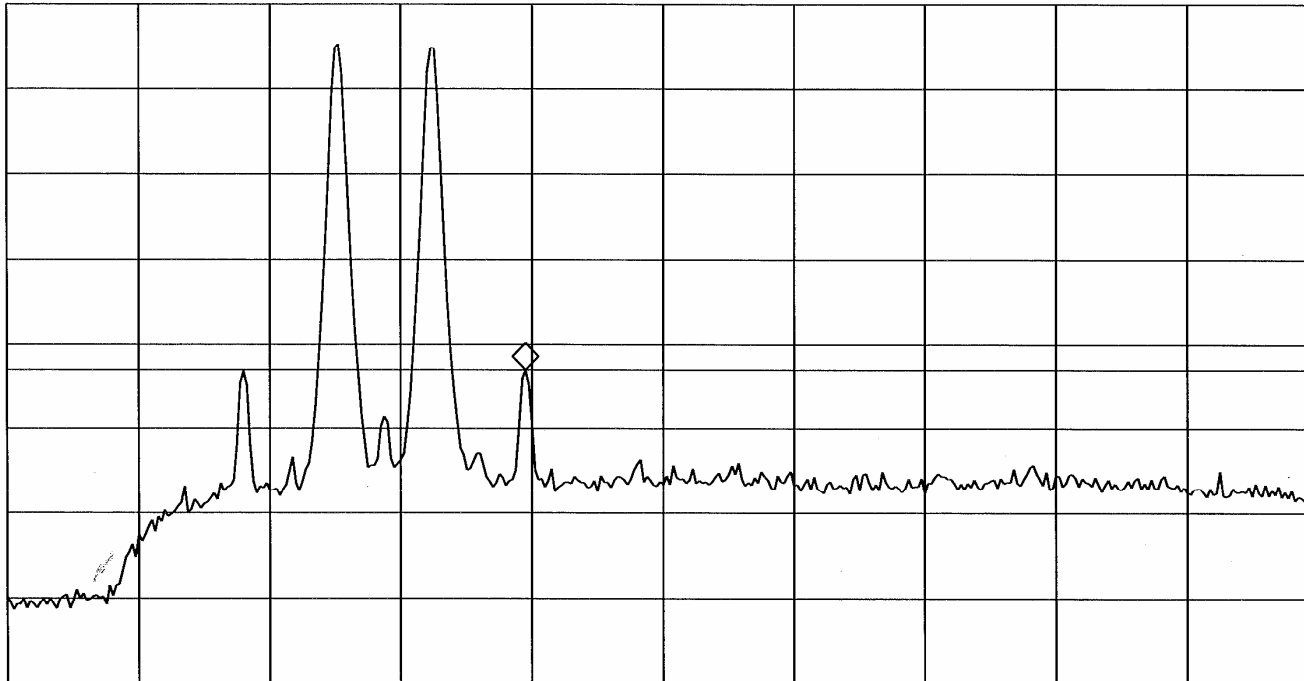
REF 30.0 dBm

AT 10 dB

-13.01 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 1.99000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		

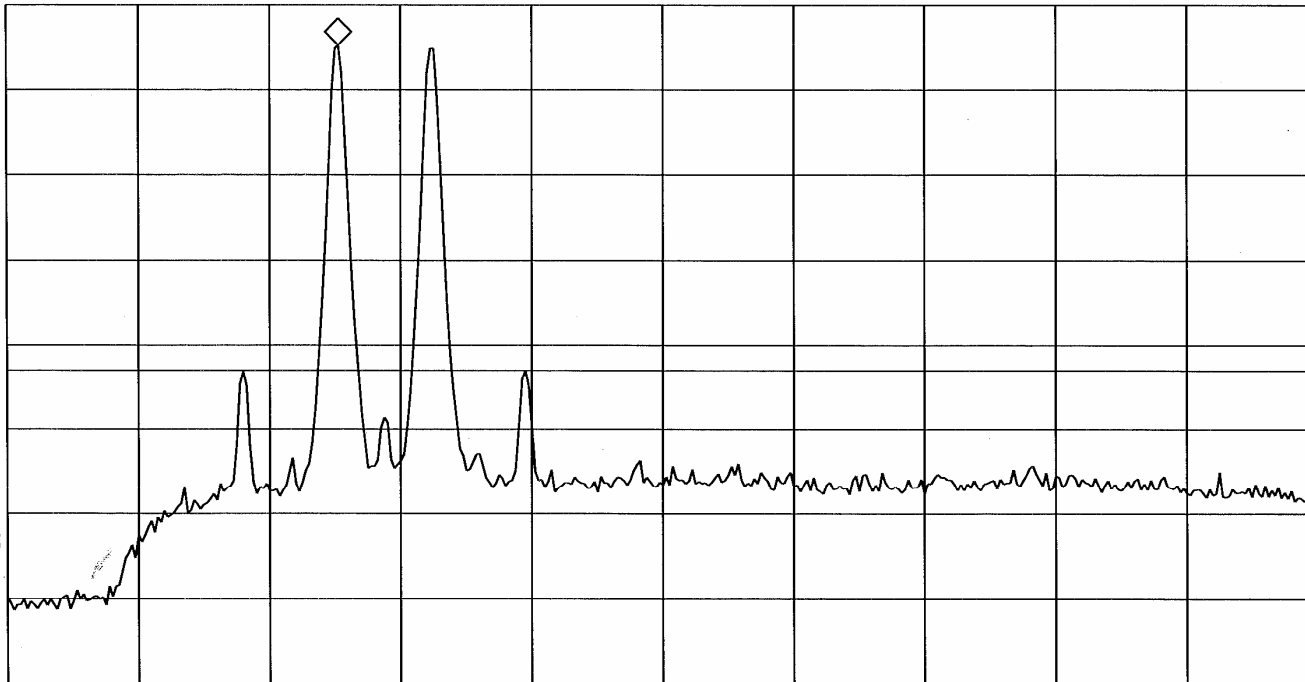
09: 26: 27 AUG 24, 2006

MKR 1.93768 GHz
25.24 dBm

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 1.99000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

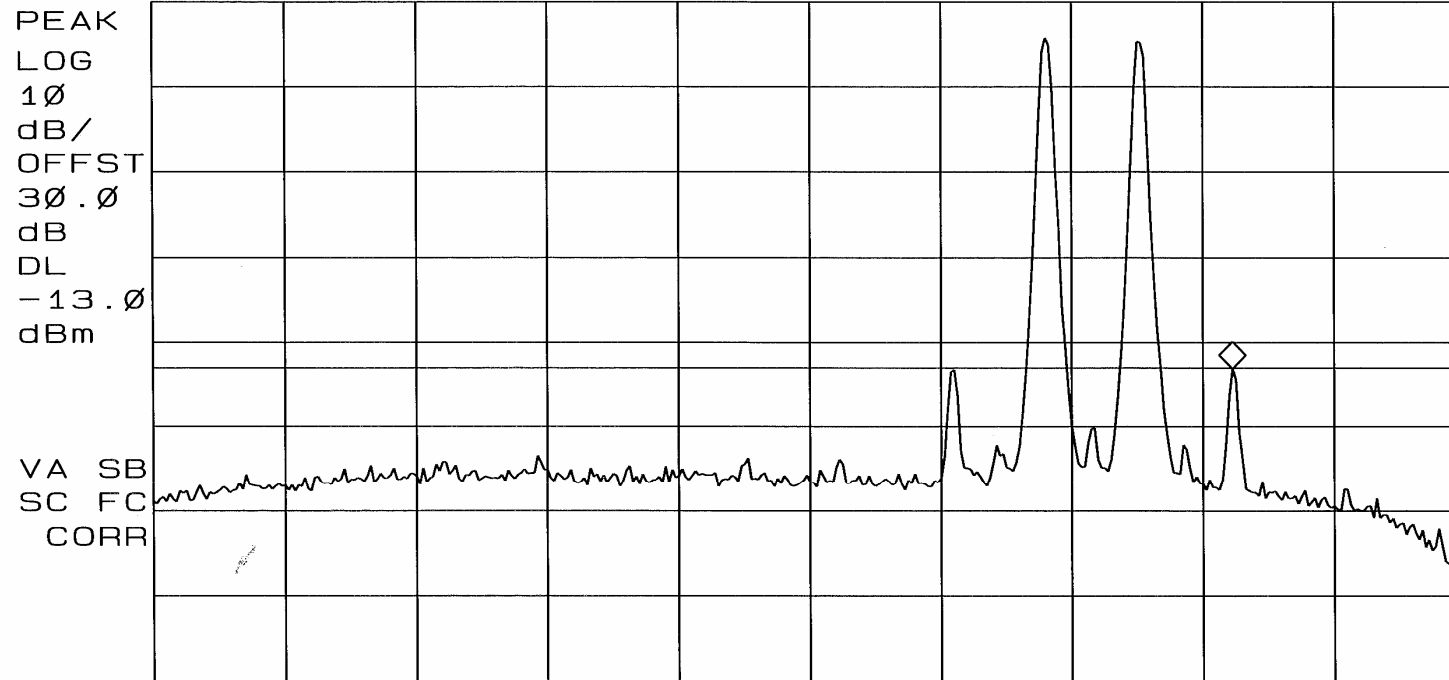
Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		

10: 06: 02 AUG 24, 2006

MKR 1.98758 GHz

REF 30.0 dBm AT 10 dB

-13.10 dBm



START 1.93000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 2.00000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	
Date:	8/16/2006		

10: 06: 32 AUG 24, 2006

REF 30.0 dBm

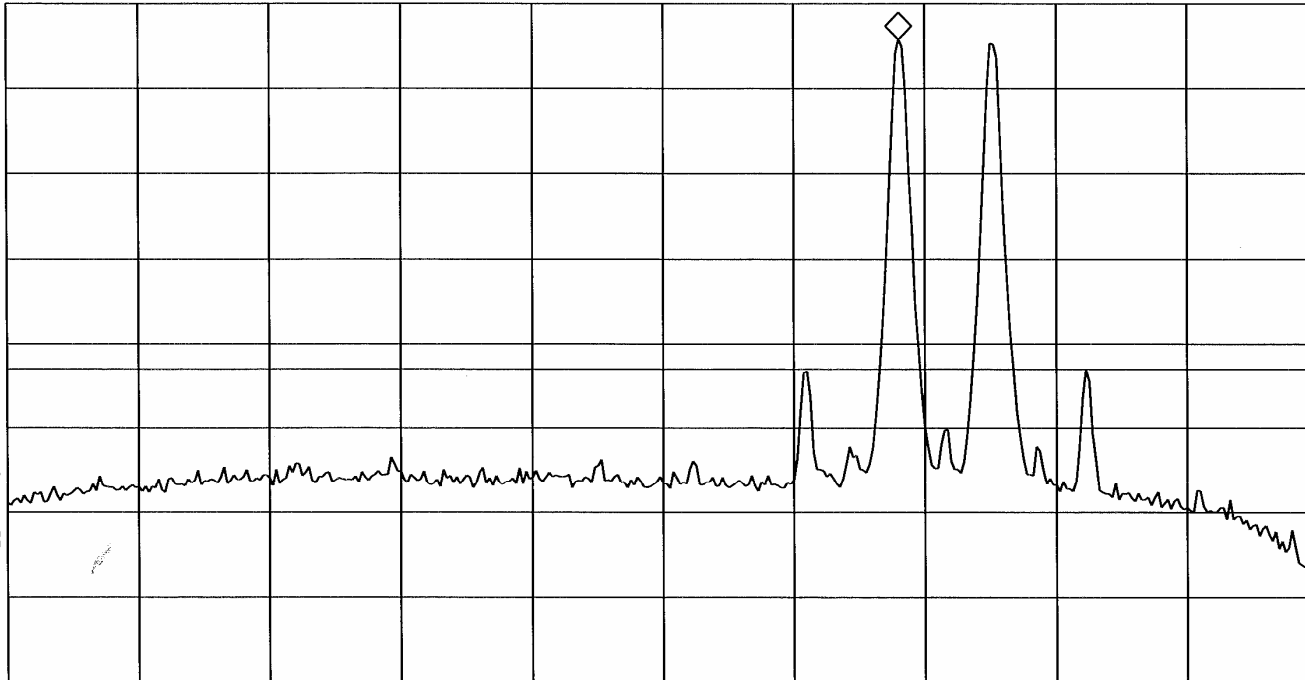
AT 10 dB

MKR 1.97760 GHz

25.76 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.93000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 2.00000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	
Date:	8/16/2006		

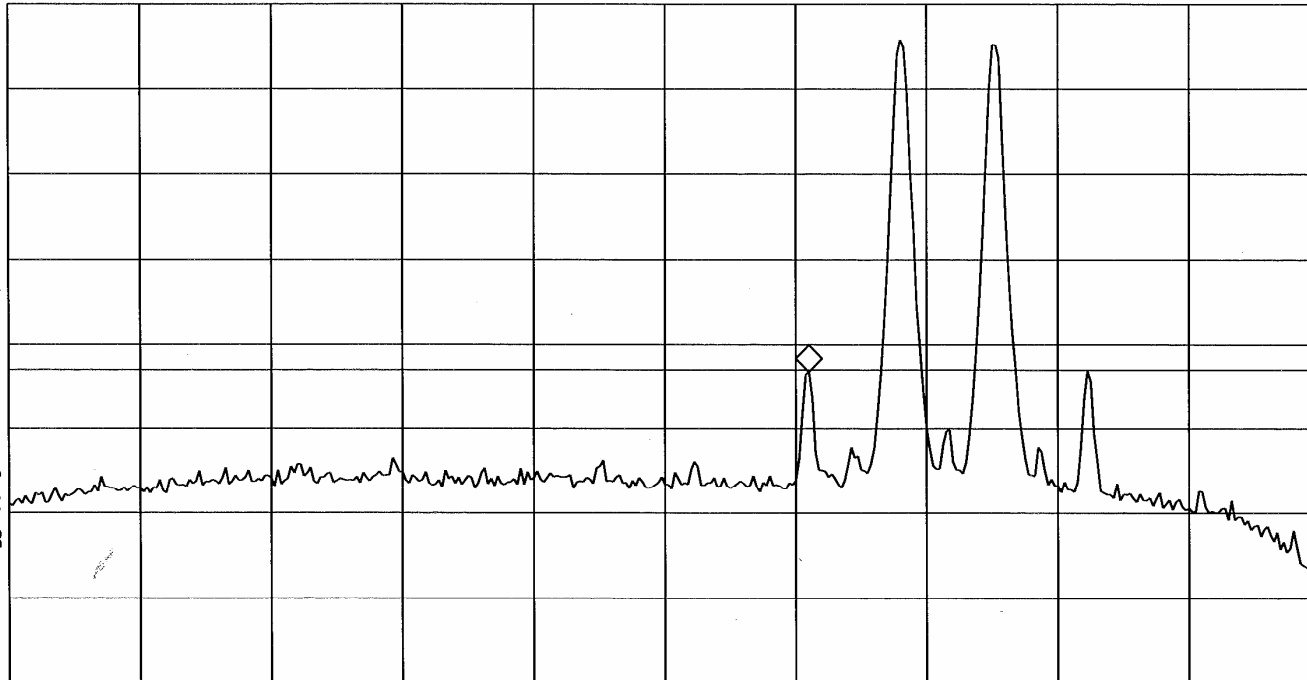
10: 06: 49 AUG 24, 2006

MKR 1.97270 GHz
-13.25 dBm

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.93000 GHz
#RES BW 300 KHz

#VBW 1 MHz

STOP 2.00000 GHz
SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

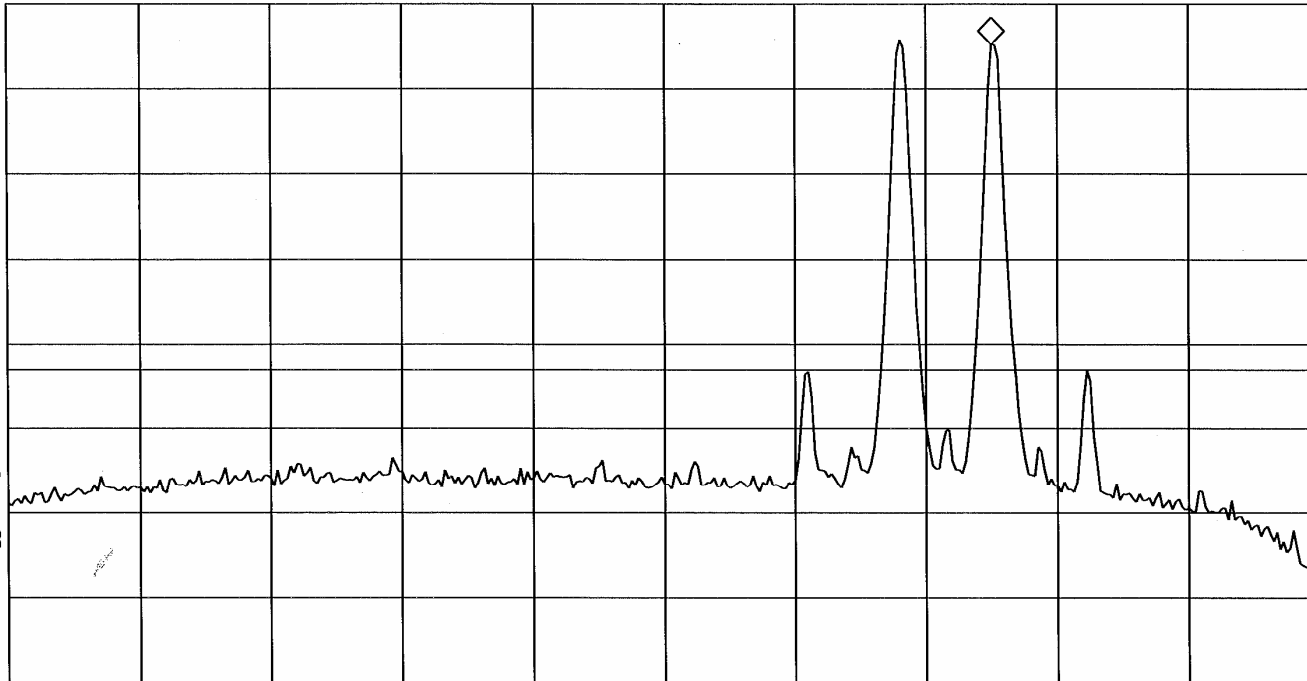
10:06:10 AUG 24, 2006

MKR 1.98250 GHz
25.20 dBm

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.93000 GHz
#RES BW 300 KHz

#VBW 1 MHz

STOP 2.00000 GHz
SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

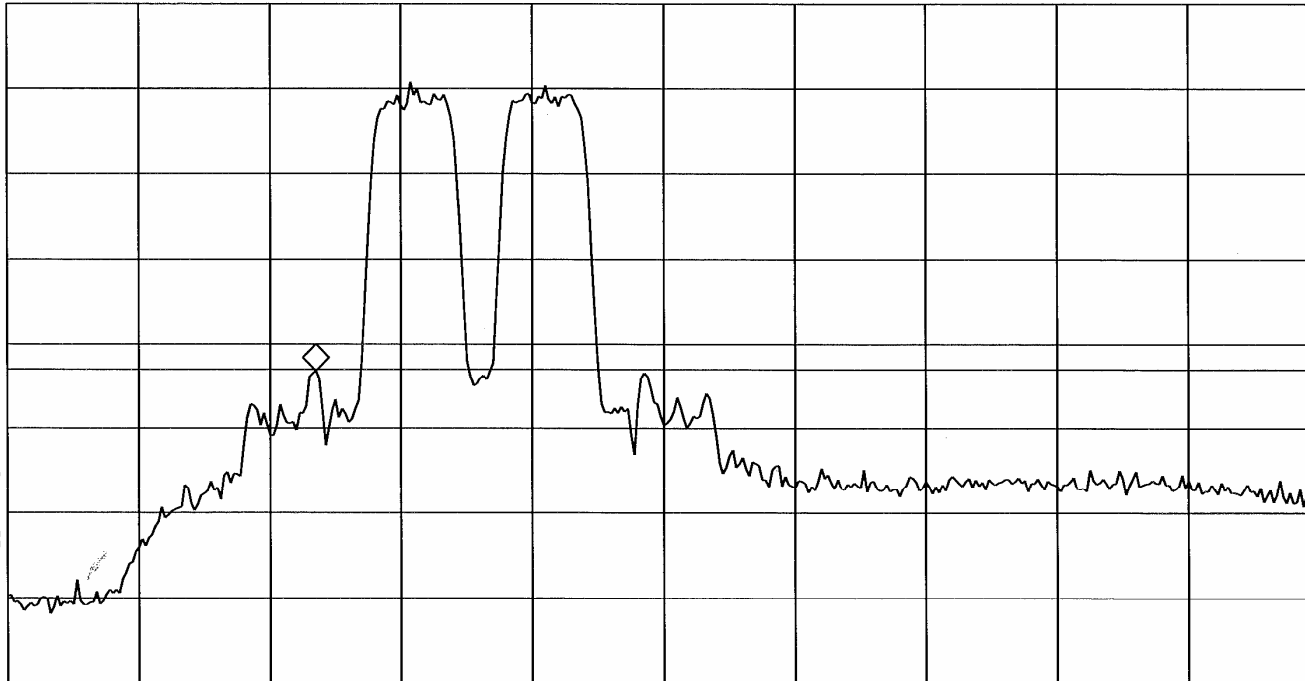
09:52:24 AUG 24, 2006

MKR 1.93645 GHz
-13.19 dBm

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz
#RES BW 300 KHz

#VBW 1 MHz

STOP 1.99000 GHz
SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

09: 53: 14 AUG 24, 2006

MKR 1.95395 GHz

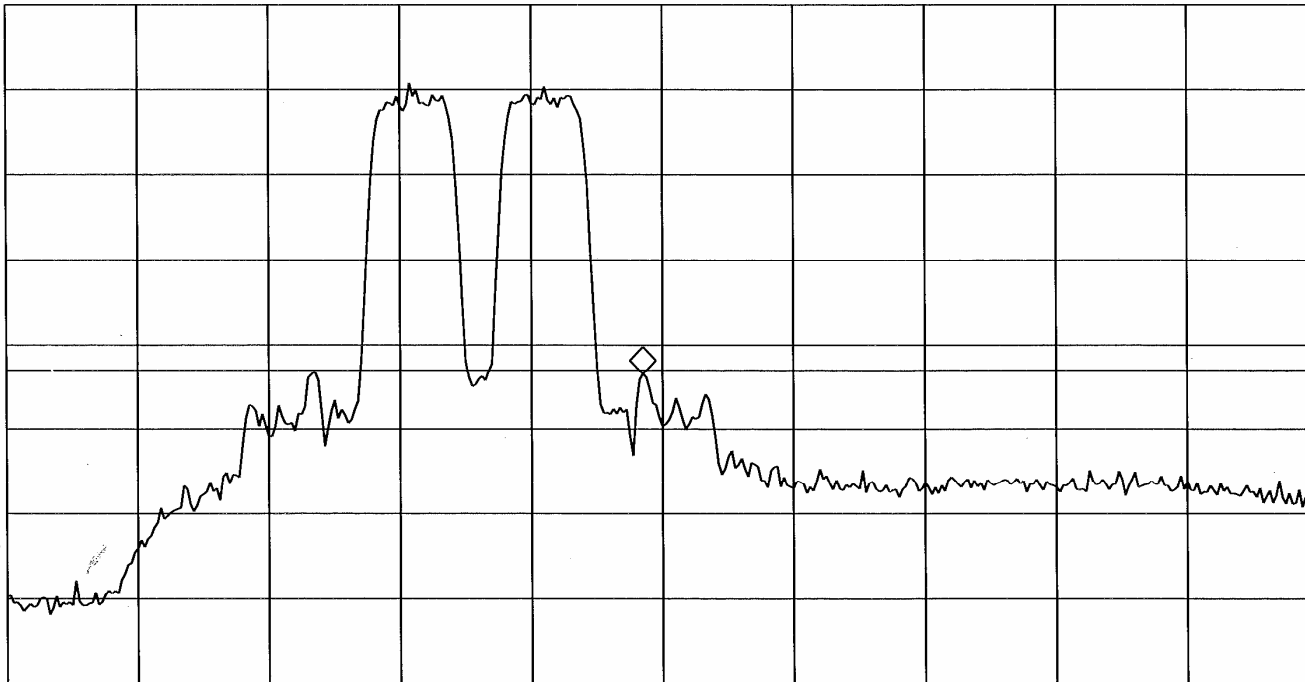
REF 30.0 dBm

AT 10 dB

-13.43 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 1.99000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

09: 52: 56 AUG 24, 2006

MKR 1.94870 GHz

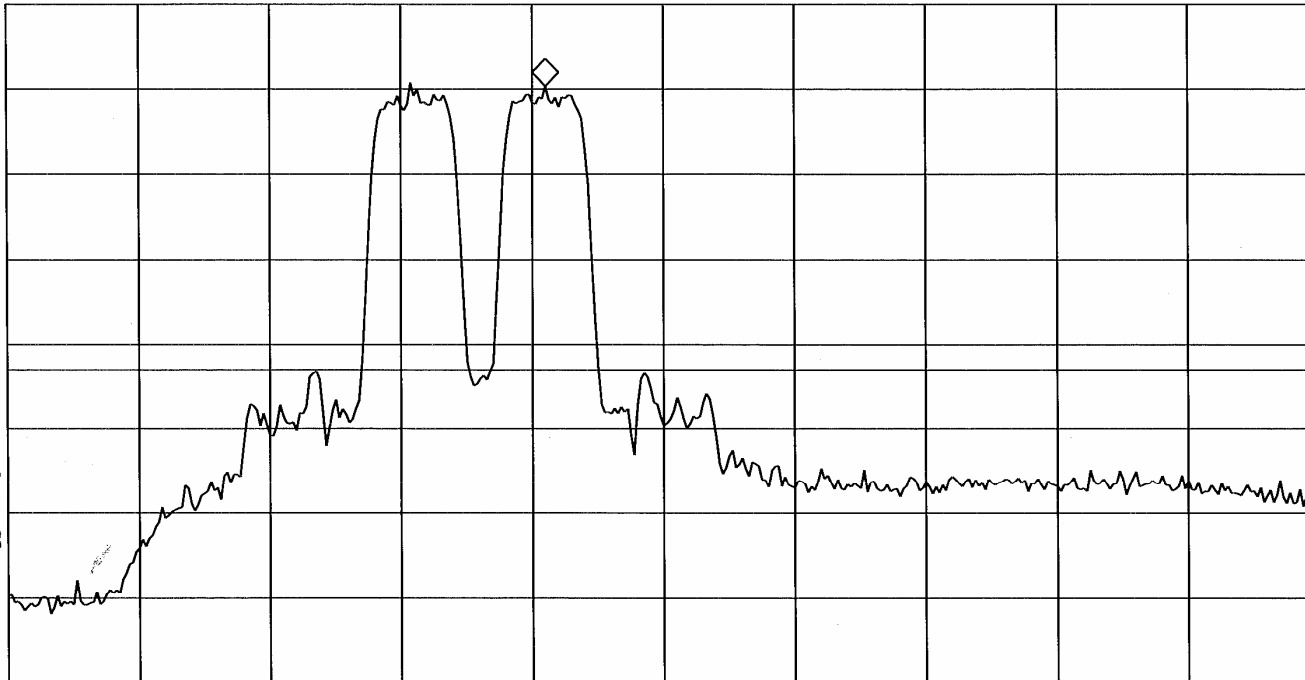
REF 30.0 dBm

AT 10 dB

20.33 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.99000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

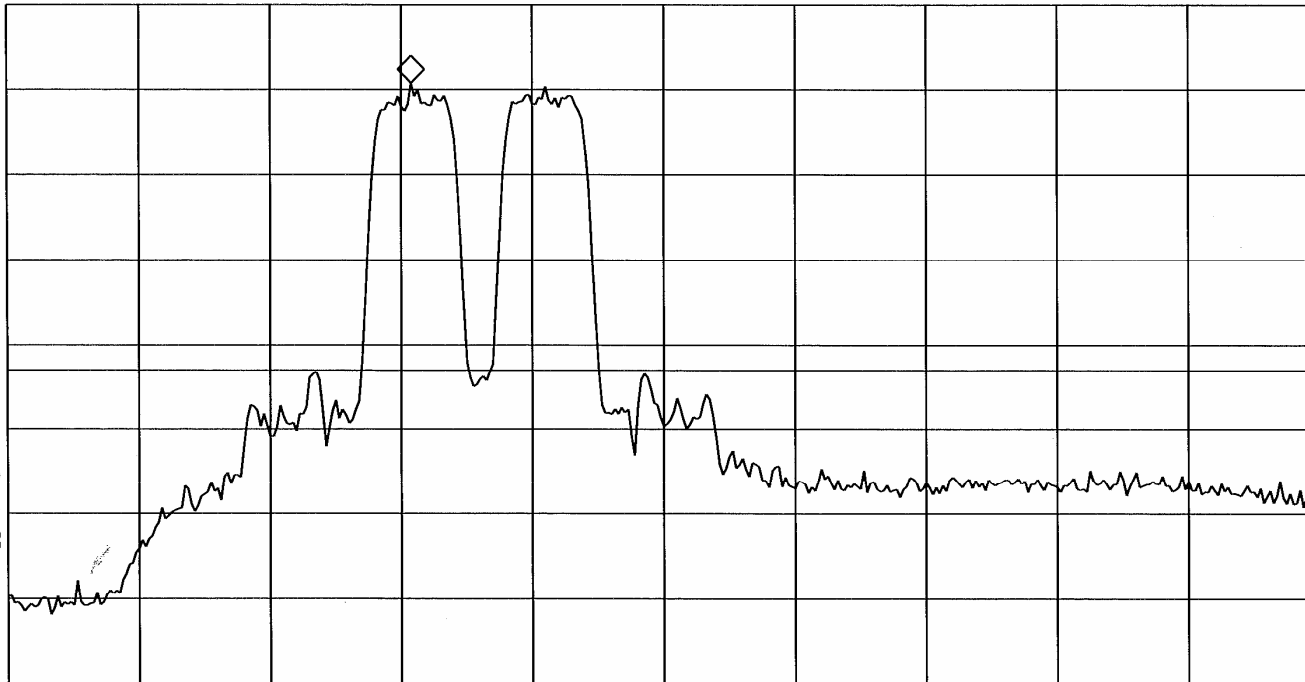
09: 52: 45 AUG 24, 2006

MKR 1.94153 GHz
20.74 dBm

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.92000 GHz
#RES BW 300 kHz

#VBW 1 MHz

STOP 1.99000 GHz
SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

09: 58: 03 AUG 24, 2006

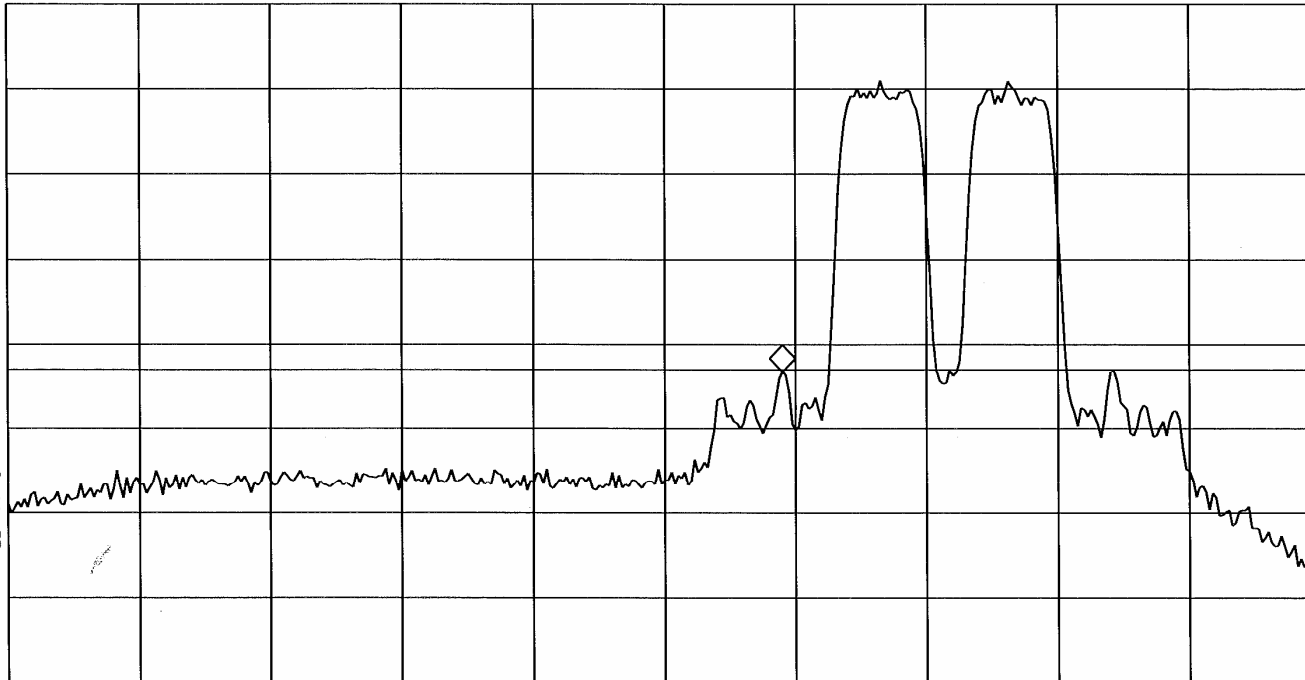
MKR 1.97130 GHz

REF 30.0 dBm AT 10 dB

-13.25 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.93000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 2.00000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

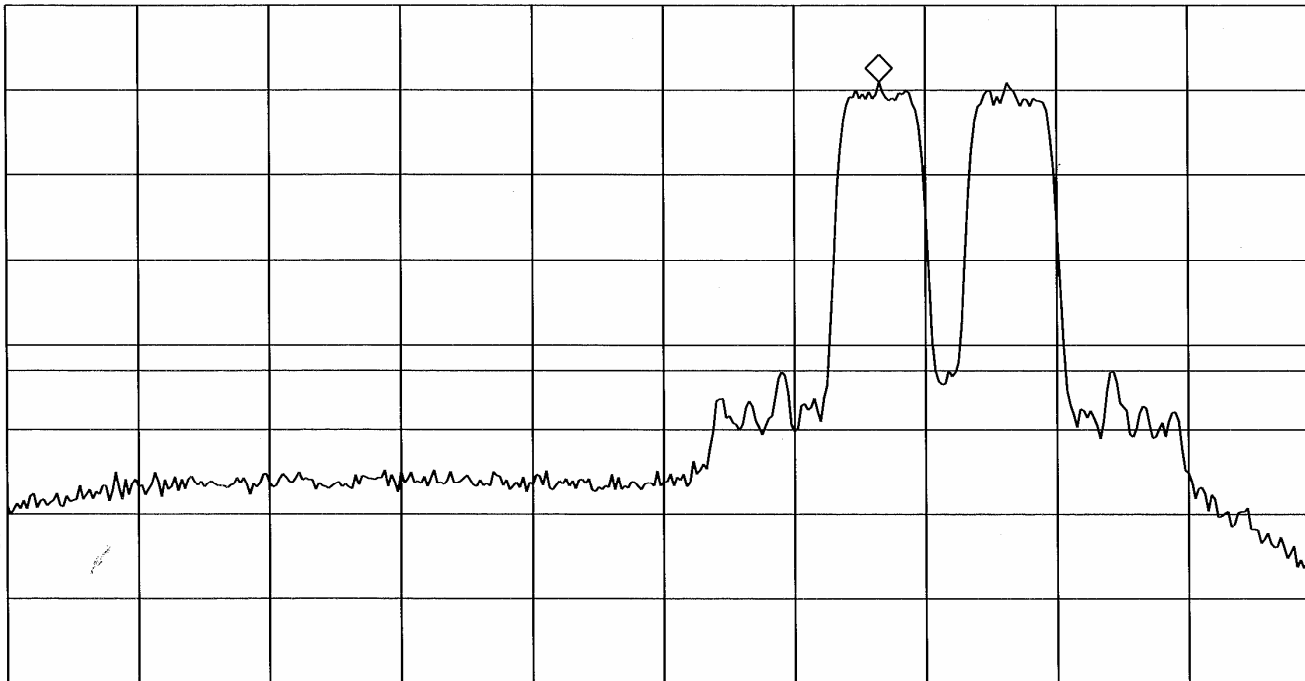
09: 57: 48 AUG 24, 2006

MKR 1.97655 GHz
20.96 dBm

REF 30.0 dBm AT 10 dB

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.93000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 2.00000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA61080-C/P	Serial No:	CC060014
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

09: 57: 28 AUG 24, 2006

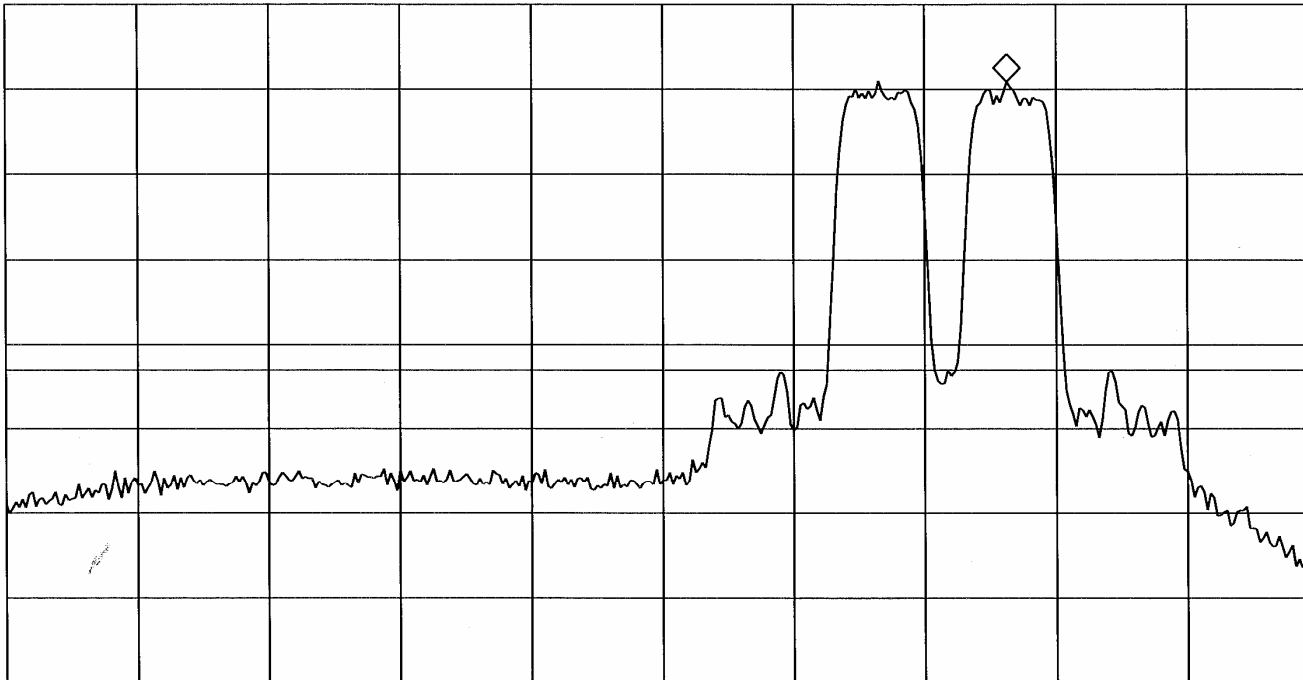
MKR 1.98338 GHz

REF 30.0 dBm AT 10 dB

20.87 dBm

PEAK
LOG
10
dB/
OFFST
30.0
dB
DL
-13.0
dBm

VA SB
SC FC
CORR



START 1.93000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 2.00000 GHz

SWP 20.0 msec