

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA51062-C/P	Serial No:	CC060002
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		

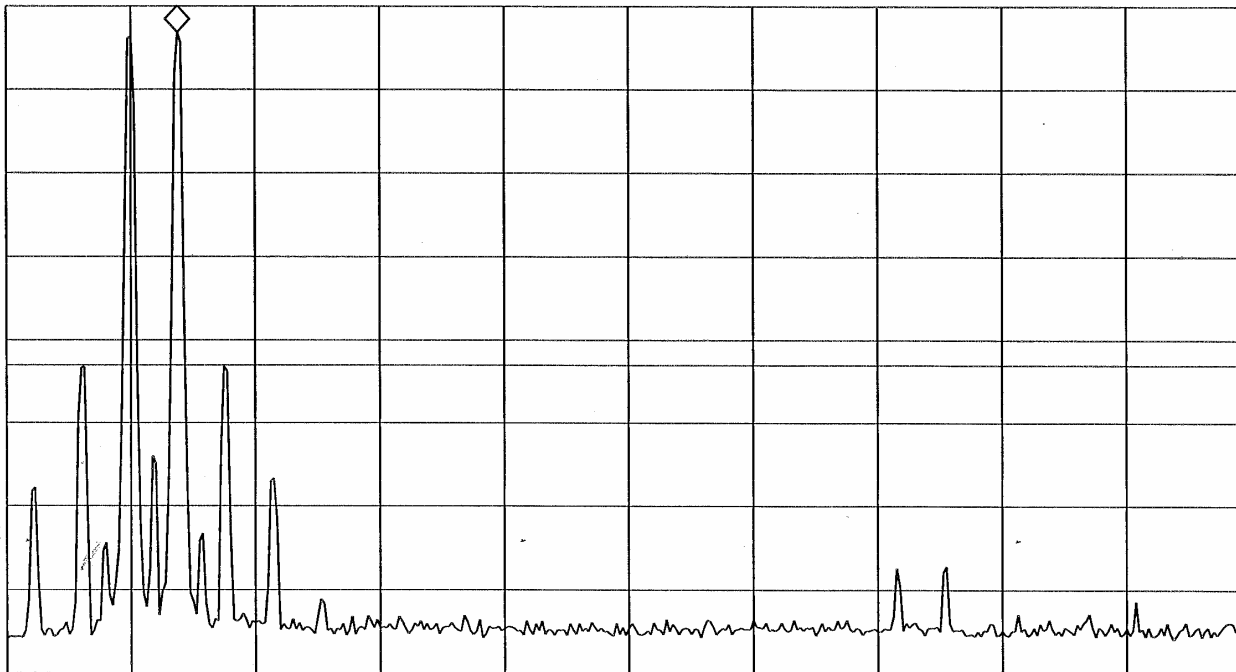
13:45:05 AUG 11, 2006

MKR 871.58 MHz
26.86 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 868.000 MHz
#RES BW 30 KHz

#VBW 100 KHz

STOP 894.000 MHz
SWP 86.7 msec

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Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		
Job No:	R-4609N-1		Technician:
		M.Seamans	Date:
		8/16/2006	

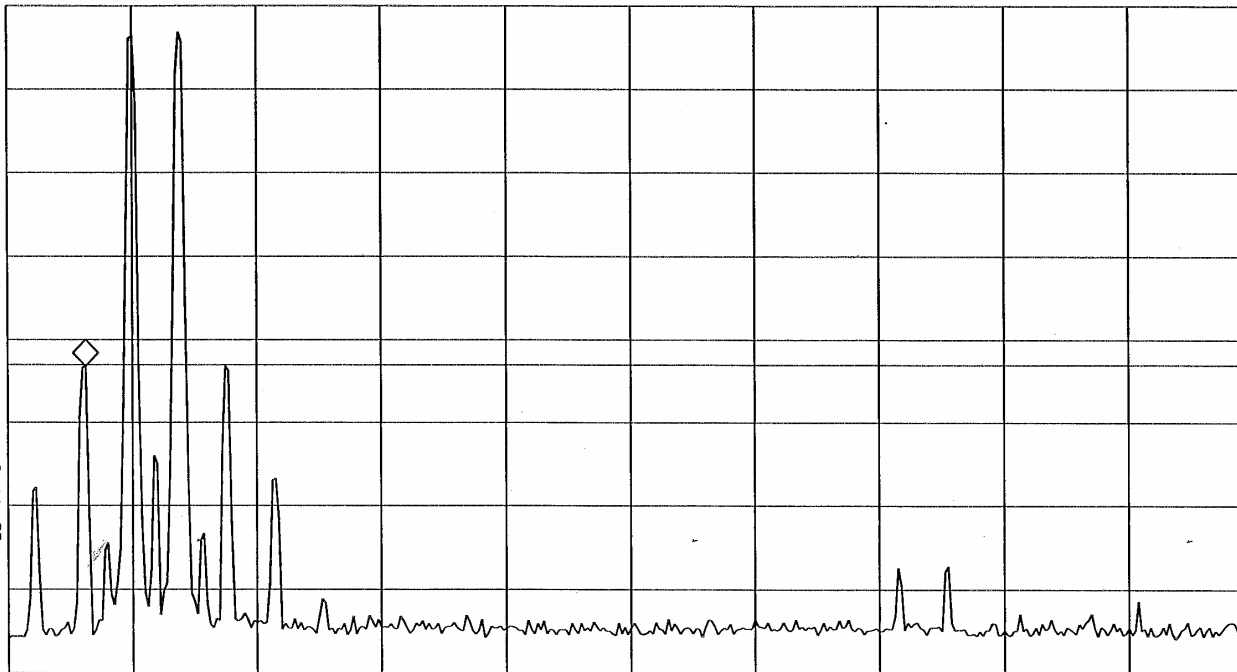
13: 46: 47 AUG 11, 2006

MKR 869.63 MHz
-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 868.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 894.00 MHz
SWP 86.7 msec

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Notes:	Amps Band - TDMA - Downlink		

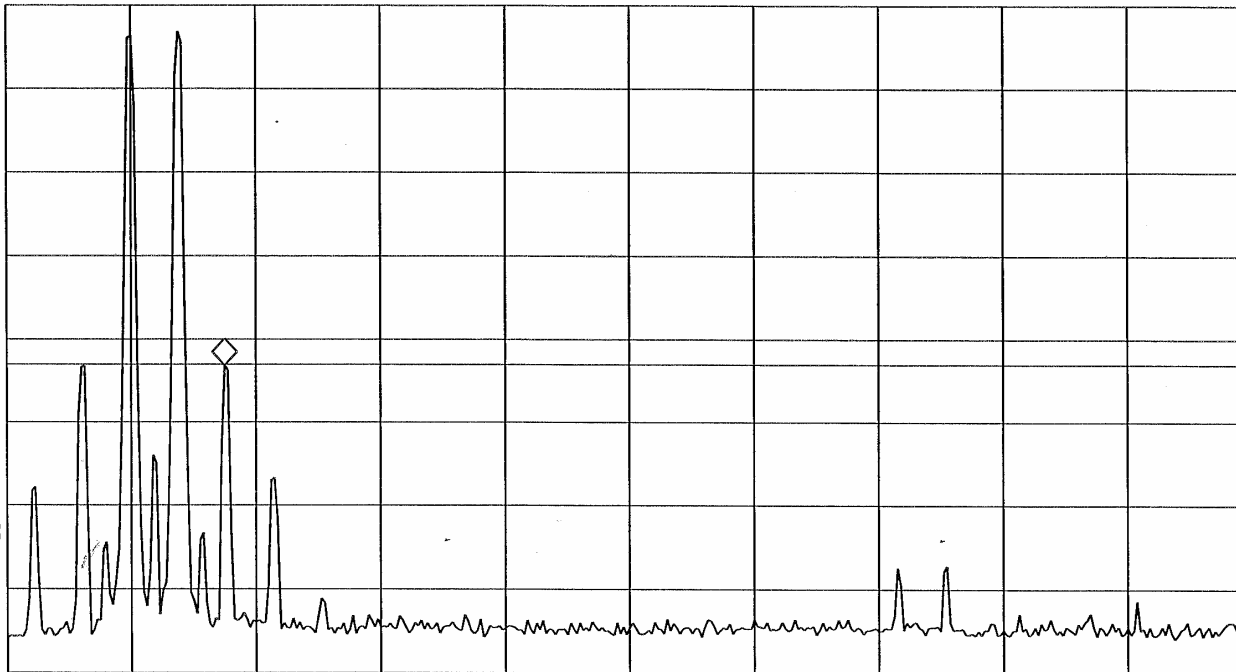
13: 45: 22 AUG 11, 2006

MKR 872.55 MHz
-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 868.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 894.00 MHz
SWP 86.7 msec

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Job No:	R-4609N-1		Technician:
		M.Seamans	Date:
		8/16/2006	

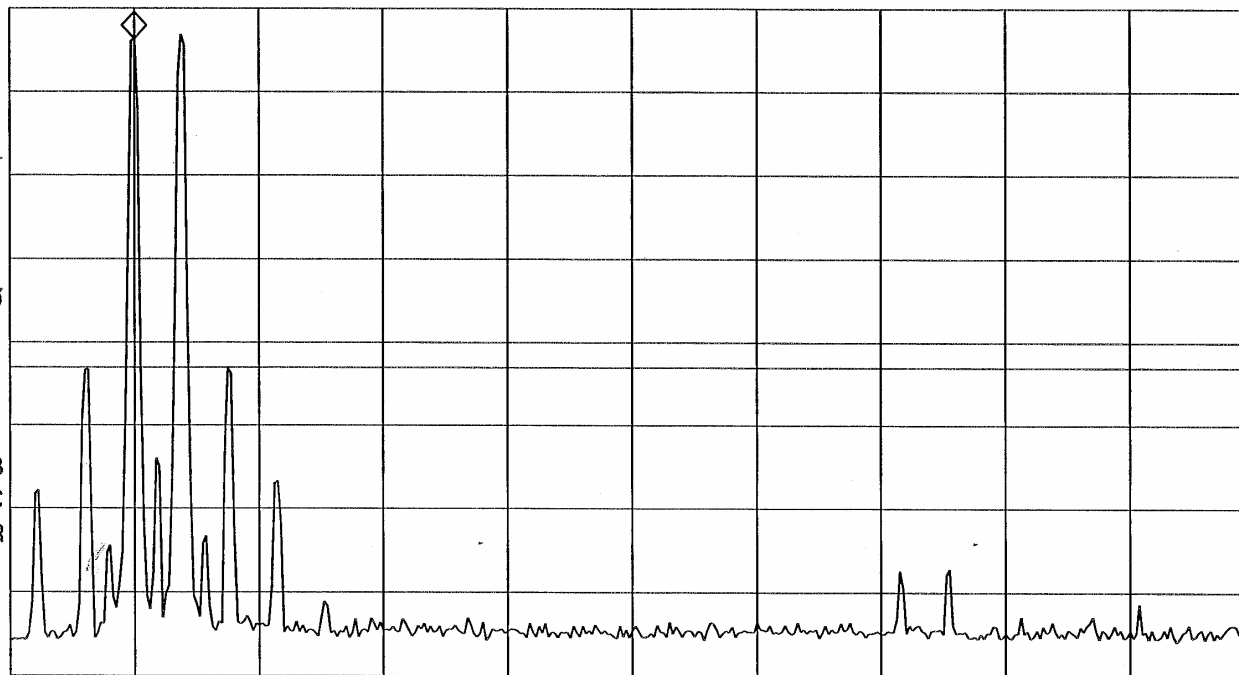
13: 44: 48 AUG 11, 2006

MKR 870.60 MHz
26.36 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 868.00 MHz
#RES BW 30 KHz

#VBW 100 KHz

STOP 894.00 MHz
SWP 86.7 msec

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Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		

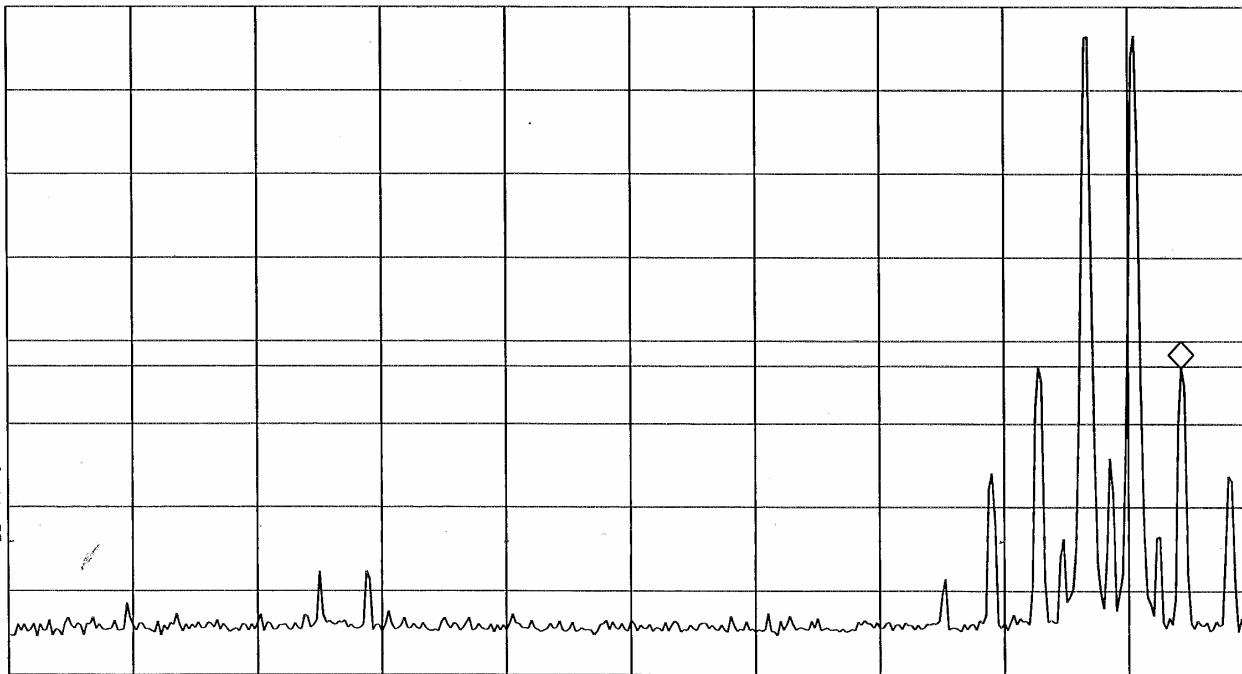
13: 54: 11 AUG 11, 2006

MKR 893.51 MHz
-13.20 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 869.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 895.00 MHz
SWP 86.7 msec

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EMISSIONS DATA SHEET

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Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		
Job No:	R-4609N-1		Technician:
		M.Seamans	Date:
		8/16/2006	

13: 55: 05 AUG 11, 2006

REF 30.0 dBm

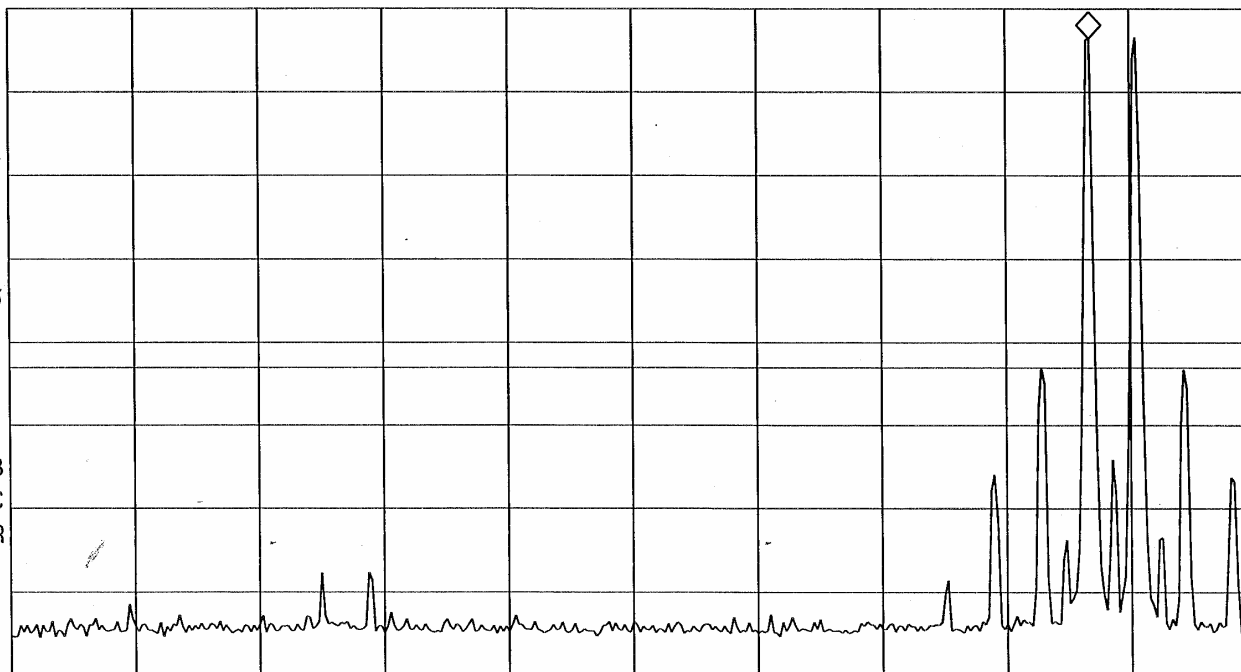
#AT 10 dB

MKR 891.56 MHz

26.45 dBm

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

VA SB
SC FC
CORR



START 869.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 895.00 MHz

SWP 86.7 msec

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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		
Job No:	R-4609N-1		
Technician:	M.Seamans		

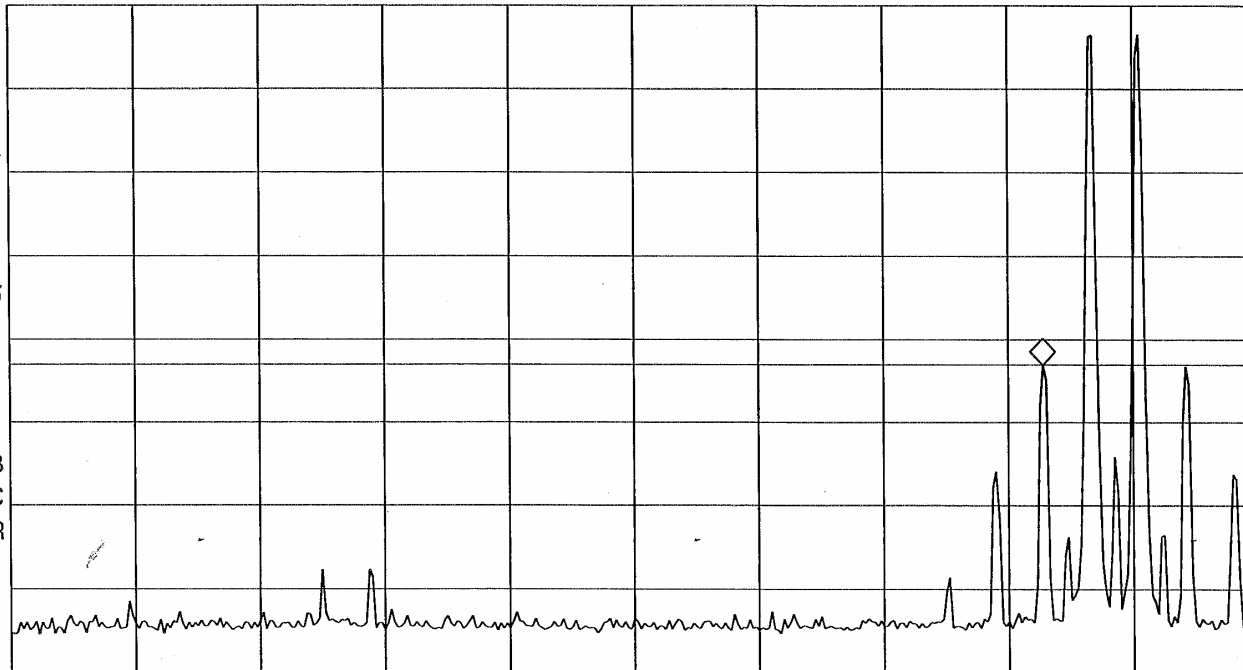
13: 55: 14 AUG 11, 2006

MKR 890.52 MHz
-13.04 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 869.00 MHz
#RES BW 30 KHz

#VBW 100 KHz

STOP 895.00 MHz
SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		
Job No:	R-4609N-1		
Technician:	M.Seamans		

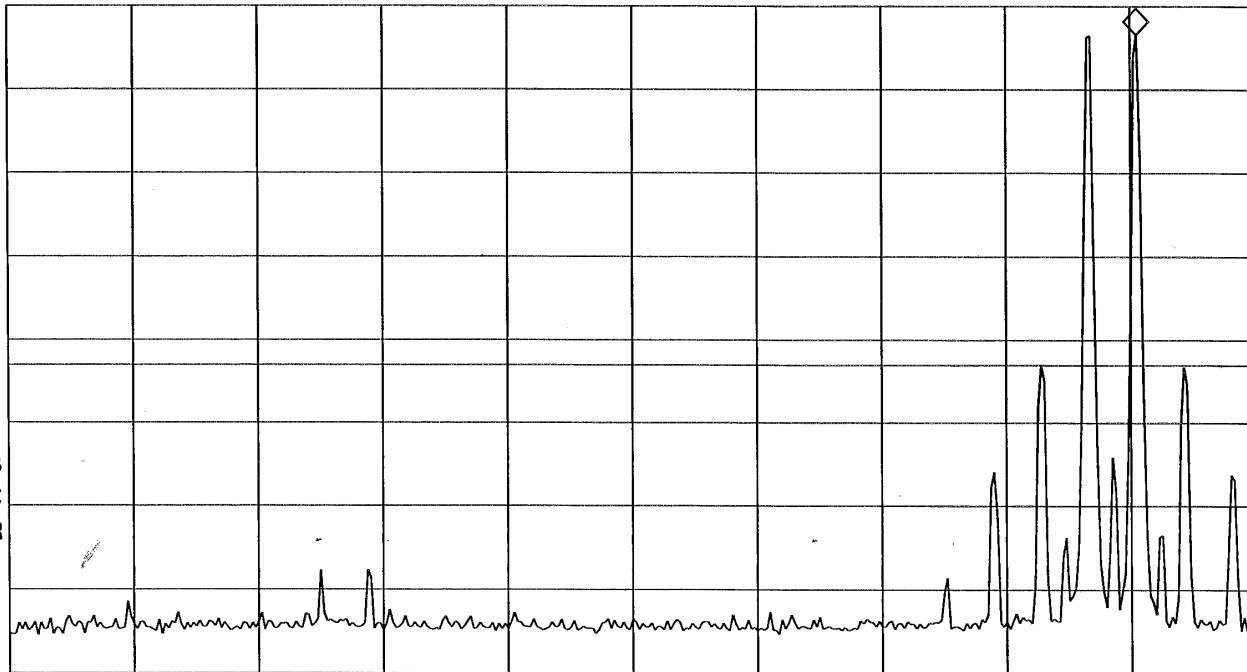
13: 54: 49 AUG 11, 2006

MKR 892.53 MHz
26.59 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 869.00 MHz
#RES BW 30 KHz

#VBW 100 KHz

STOP 895.00 MHz
SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
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Model No:	CSI-BDA51062-C/P	Serial No:	CC060002
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4609N-1		Technician:
		M.Seamans	Date:
		8/16/2006	

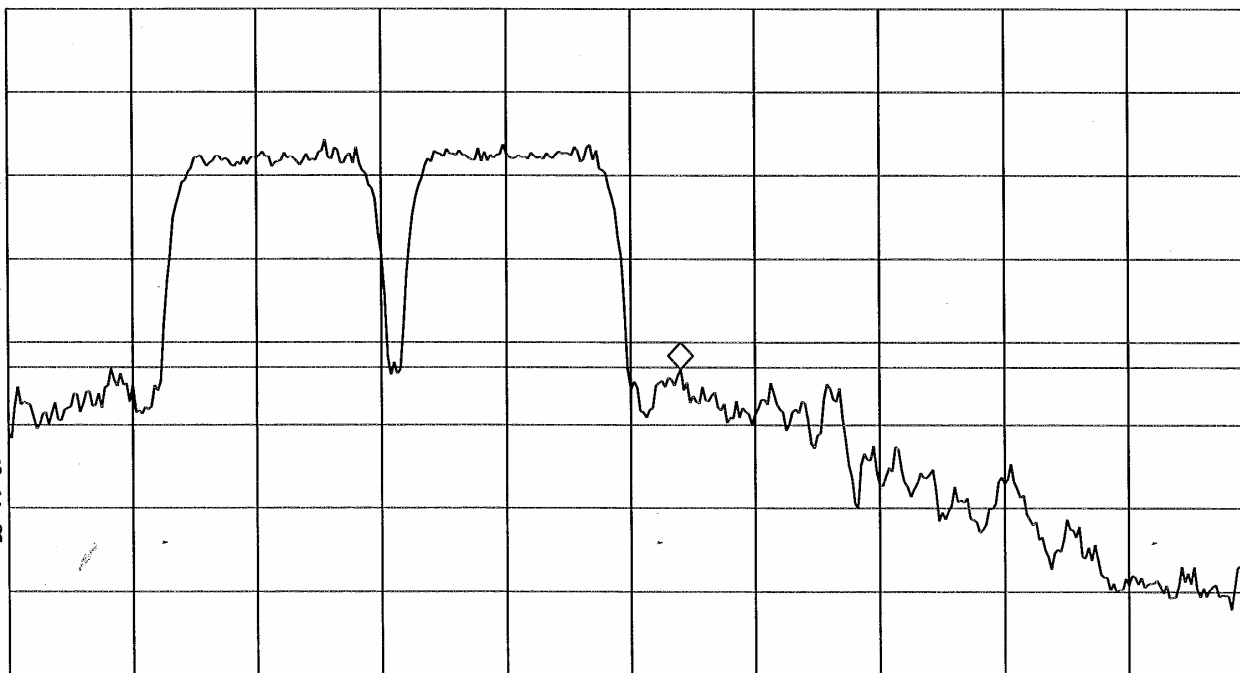
10: 10: 20 AUG 11, 2006

MKR 882.04 MHz
-13.22 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 868.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 894.00 MHz
SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
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Model No:	CSI-BDA51062-C/P	Serial No:	CC060002
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4609N-1		Technician:
		M.Seamans	Date:
		8/16/2006	

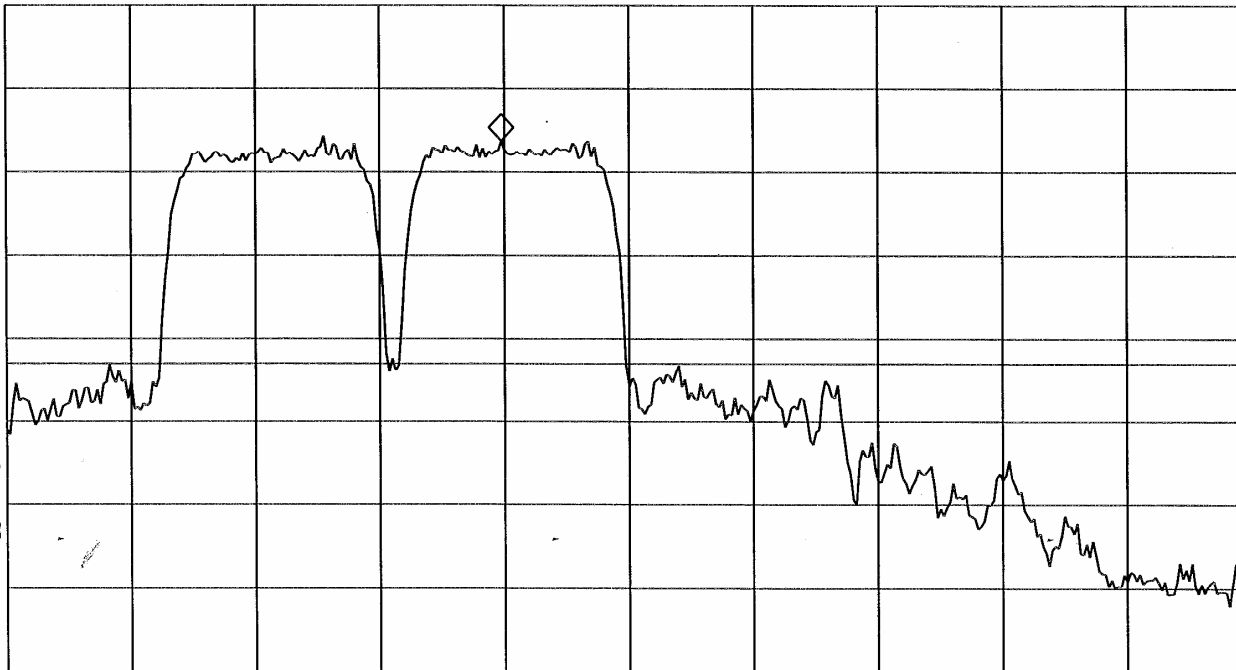
10:10:33 AUG 11, 2006

MKR 878.34 MHz
13.81 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 868.000 MHz
#RES BW 30 KHz

#VBW 100 KHz

STOP 894.000 MHz
SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
Model No:	CSI-BDA51062-C/P	Serial No:	CC060002
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4609N-1		Technician:
		M.Seamans	Date:
		8/16/2006	

10:10:58 AUG 11, 2006

MKR 874.63 MHz

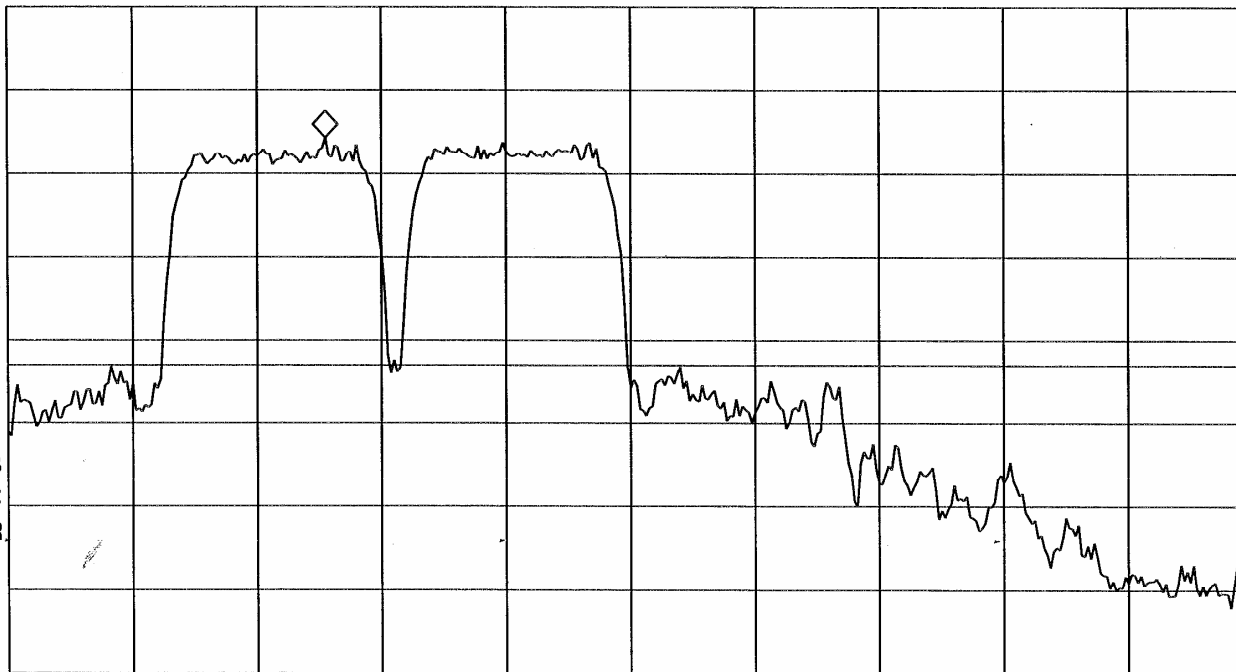
REF 30.0 dBm

#AT 10 dB

14.38 dBm

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

VA SB
SC FC
CORR



START 868.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 894.00 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

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

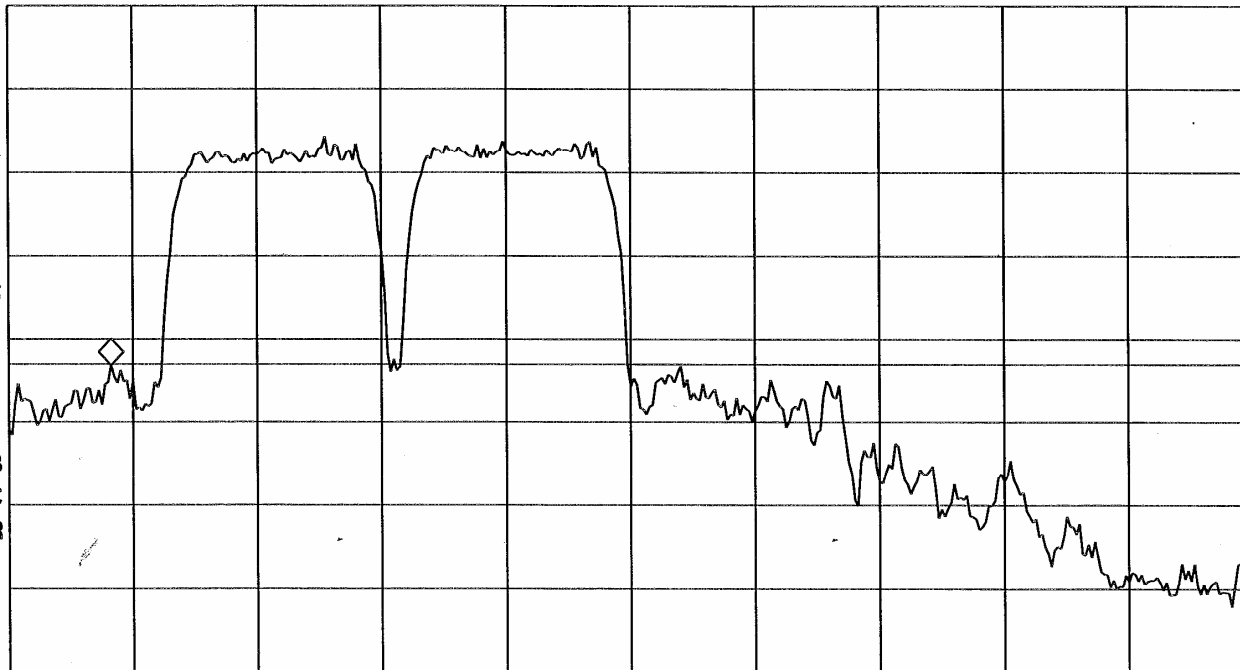
10:09:41 AUG 11, 2006

MKR 870.15 MHz
-13.14 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 868.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 894.00 MHz
SWP 86.7 msec

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Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		

11:01:17 AUG 11, 2006

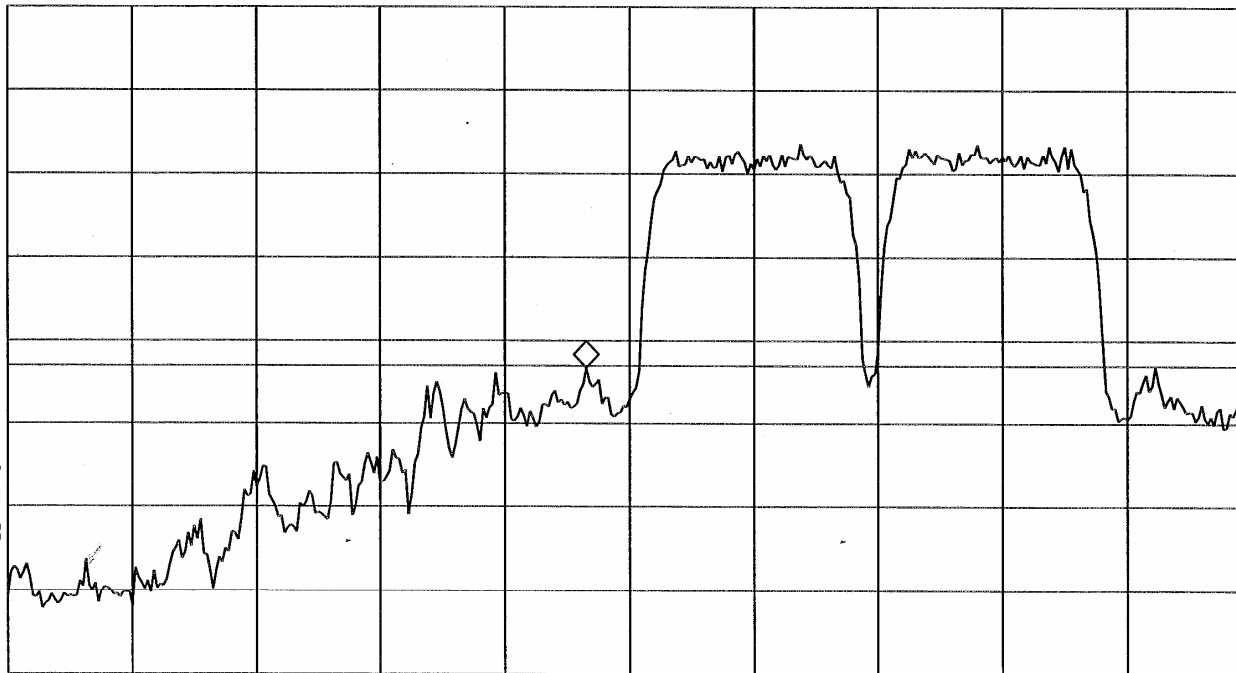
REF 30.0 dBm

#AT 10 dB

MKR 881.09 MHz
-13.25 dBm

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

VA SB
SC FC
CORR



START 869.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 895.00 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

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Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4609N-1		Technician:
		M.Seamans	Date:
		8/16/2006	

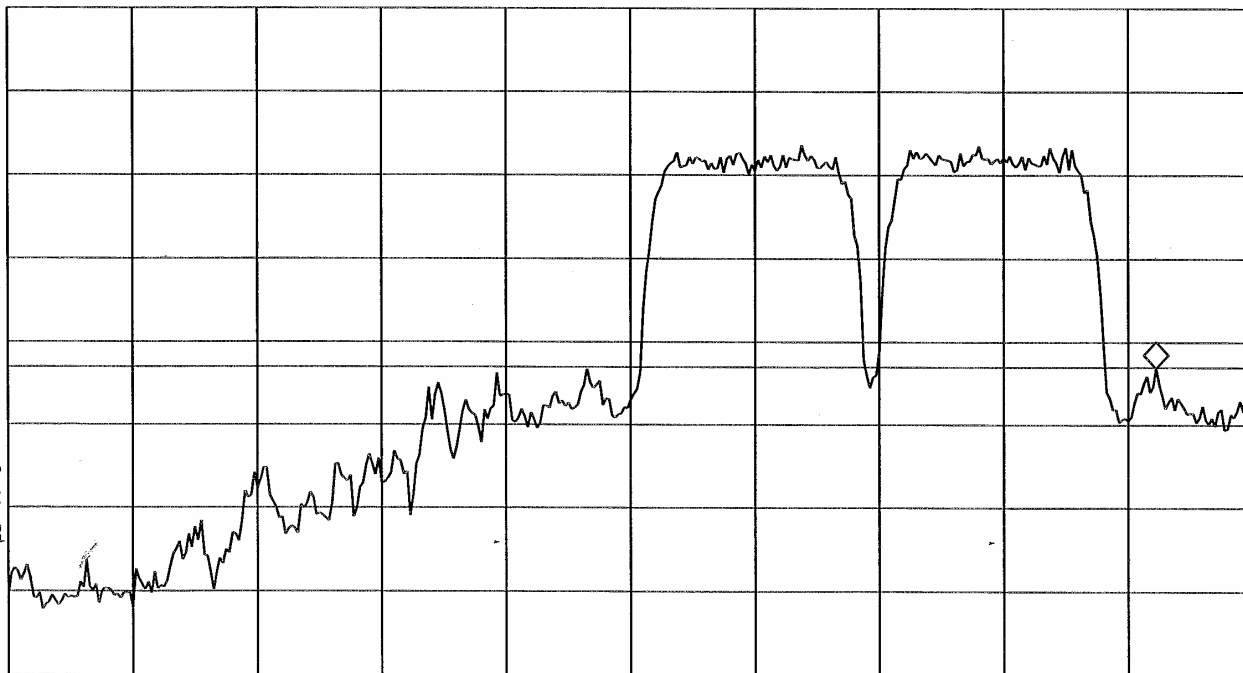
11:01:42 AUG 11, 2006

MKR 892.99 MHz
-13.11 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 869.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 895.00 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-BDA51062-C/P	Serial No:	CC060002
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		

11:02:00 AUG 11, 2006

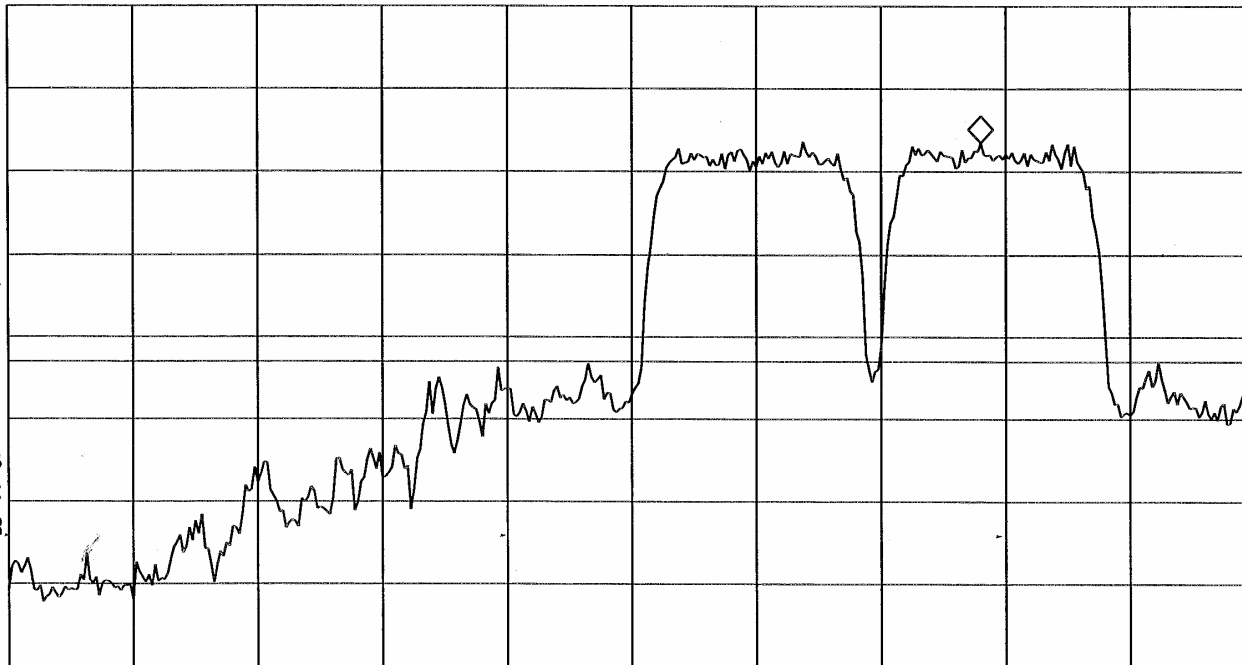
REF 30.0 dBm

#AT 10 dB

MKR 889.28 MHz
13.58 dBm

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

VA SB
SC FC
CORR



START 869.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 895.00 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

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Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4609N-1		
Technician:	M.Seamans		

11:02:24 AUG 11, 2006

REF 30.0 dBm

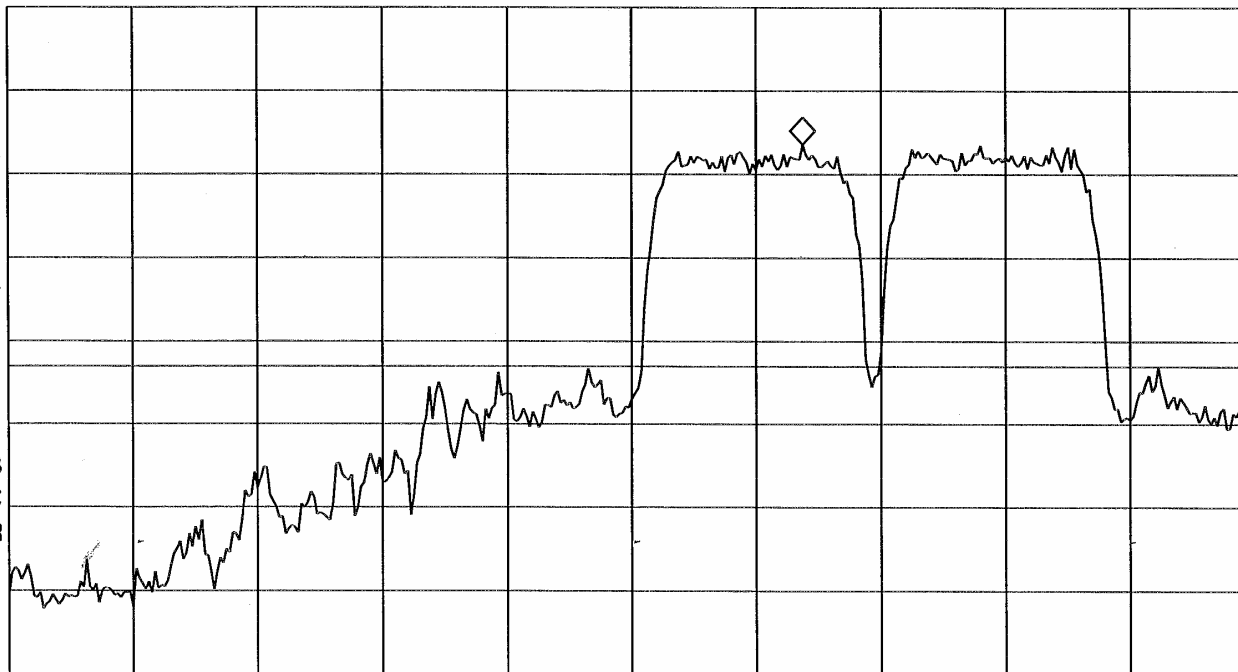
#AT 10 dB

MKR 885.58 MHz

13.70 dBm

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

VA SB
SC FC
CORR



START 869.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 895.00 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Model No:	CSI-BDA51062-C/P	Serial No:	CC060002
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - FM - Downlink		

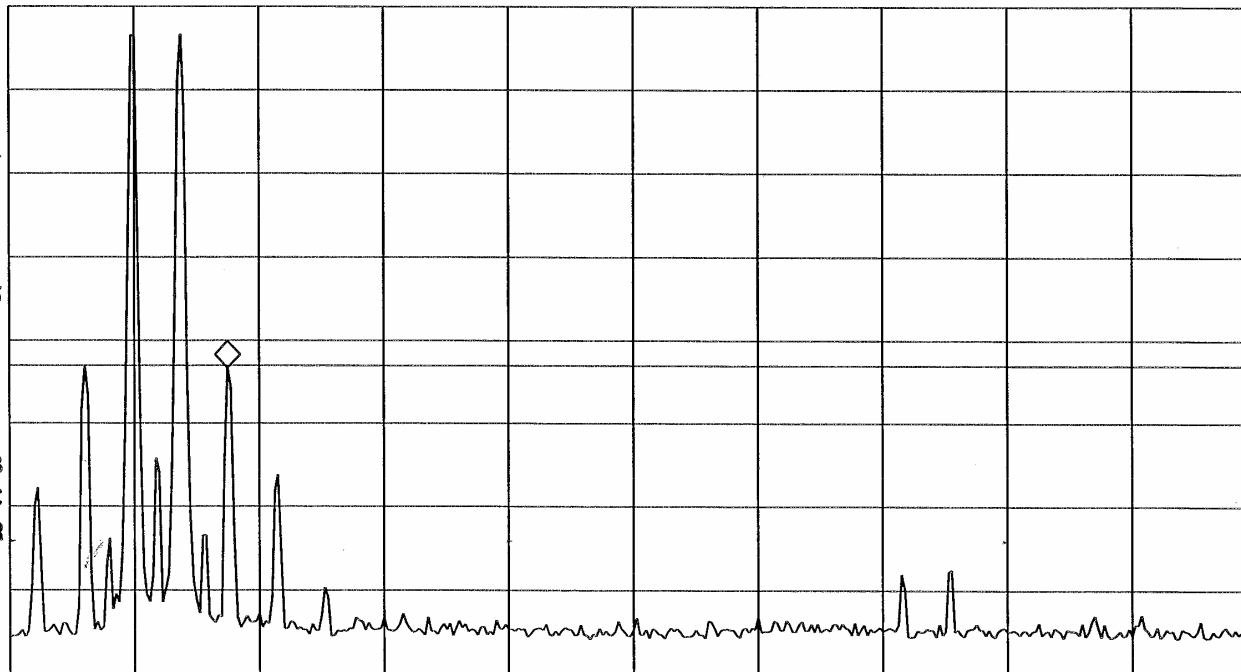
11: 51: 12 AUG 11, 2006

MKR 872.55 MHz
-13.28 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 868.00 MHz
#RES BW 30 KHz

#VBW 100 KHz

STOP 894.00 MHz
SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - FM - Downlink		

11: 51: 25 AUG 11, 2006

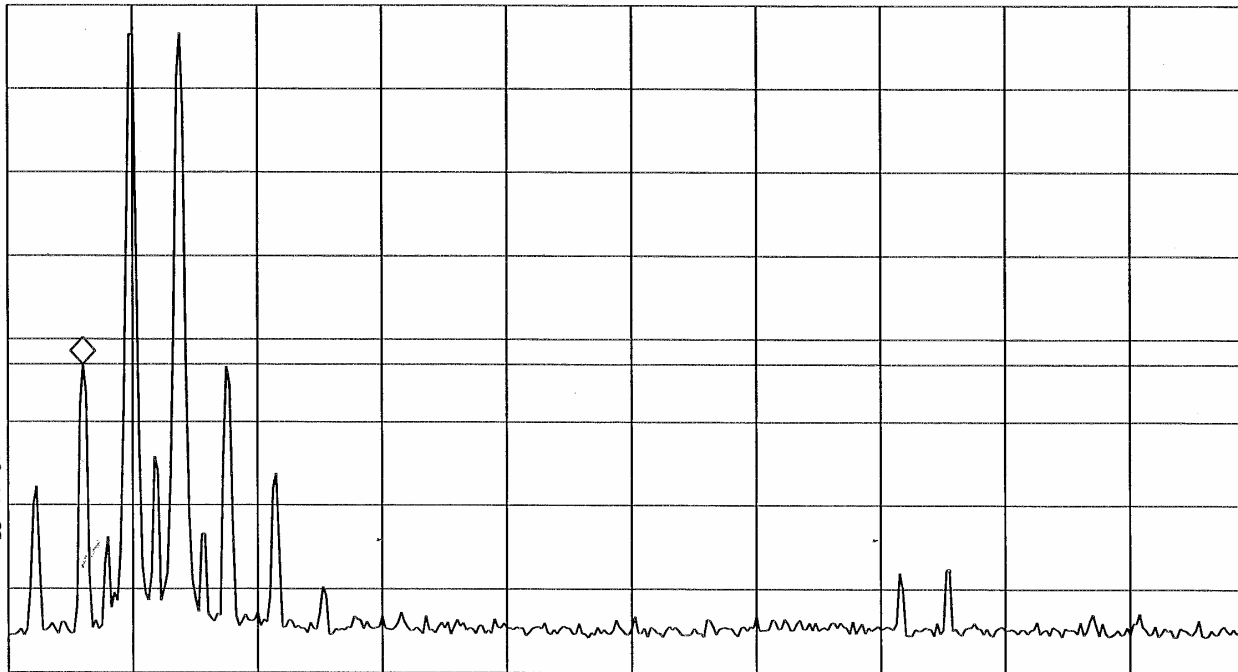
REF 30.0 dBm

#AT 10 dB

MKR 869.56 MHz
-13.02 dBm

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

VA SB
SC FC
CORR



START 868.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 894.00 MHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Operating Mode:	Amplifying input signal		
Notes:	Amps Band - FM - Downlink		

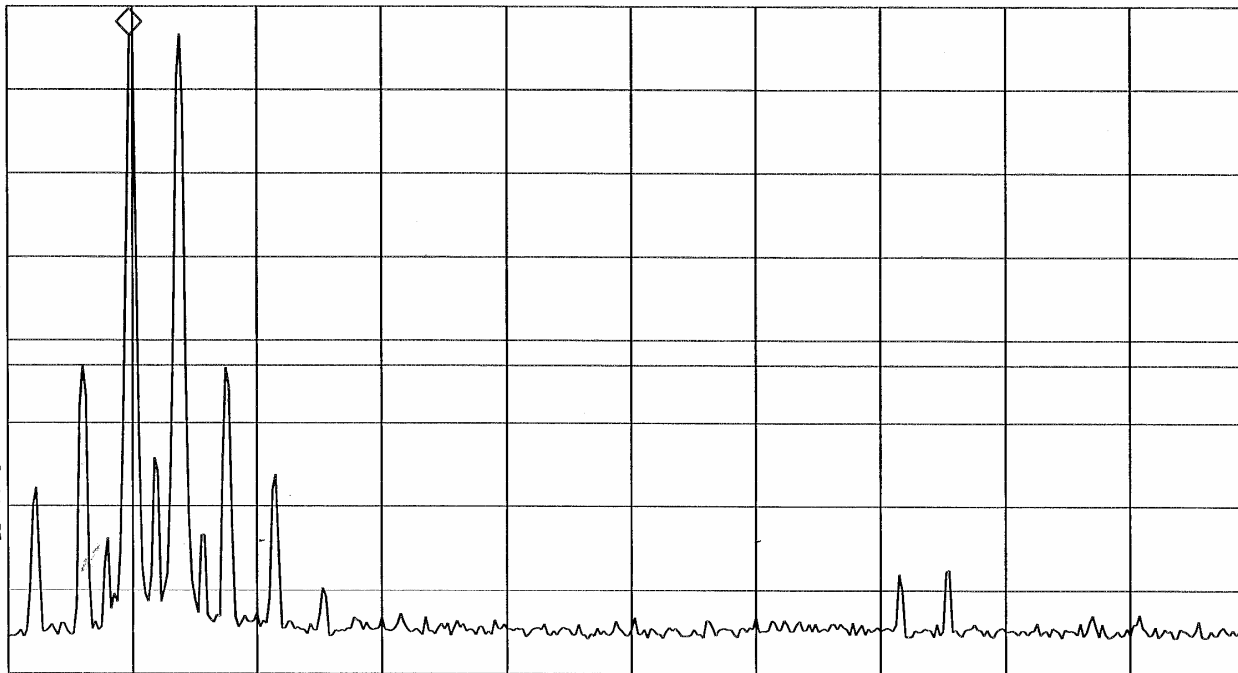
11:51:41 AUG 11, 2006

MKR 870.54 MHz
26.56 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 868.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 894.00 MHz
SWP 86.7 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:	Amps Band - FM - Downlink		

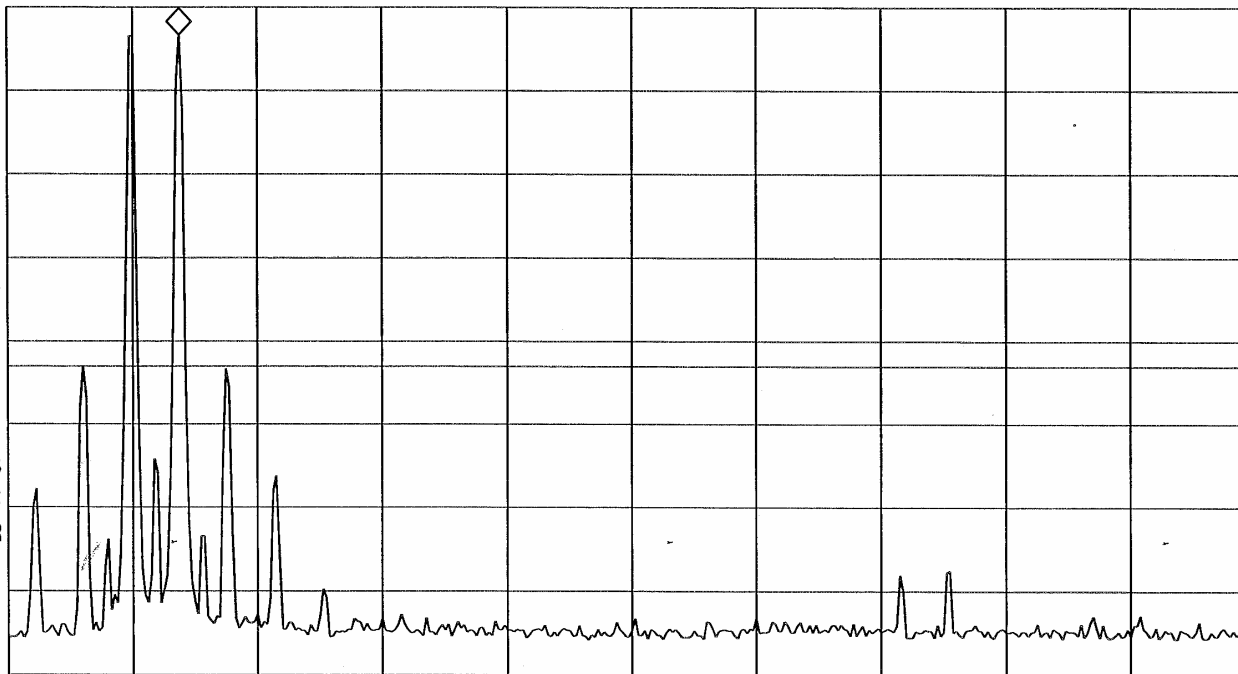
11:51:54 AUG 11, 2006

MKR 871.58 MHz
26.68 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 868.00 MHz
#RES BW 30 kHz

#VBW 100 kHz

STOP 894.00 MHz
SWP 86.7 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Operating Mode:	Amplifying input signal		
Notes:	Amps Band - FM - Downlink		

11: 32: 56 AUG 11, 2006

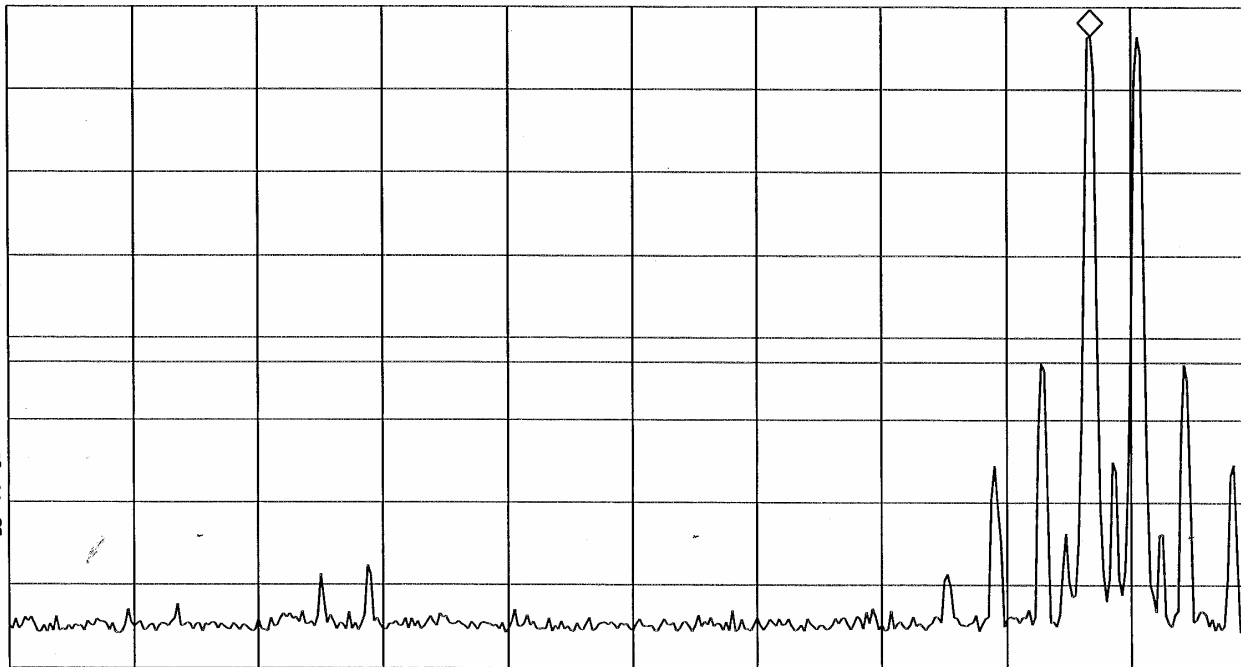
REF 30.0 dBm

#AT 10 dB

MKR 891.56 MHz
26.52 dBm

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

VA SB
SC FC
CORR



START 869.00 MHz

#RES BW 30 KHz

#VBW 100 KHz

STOP 895.00 MHz

SWP 86.7 msec