

RETLIF TESTING LABORATORIES

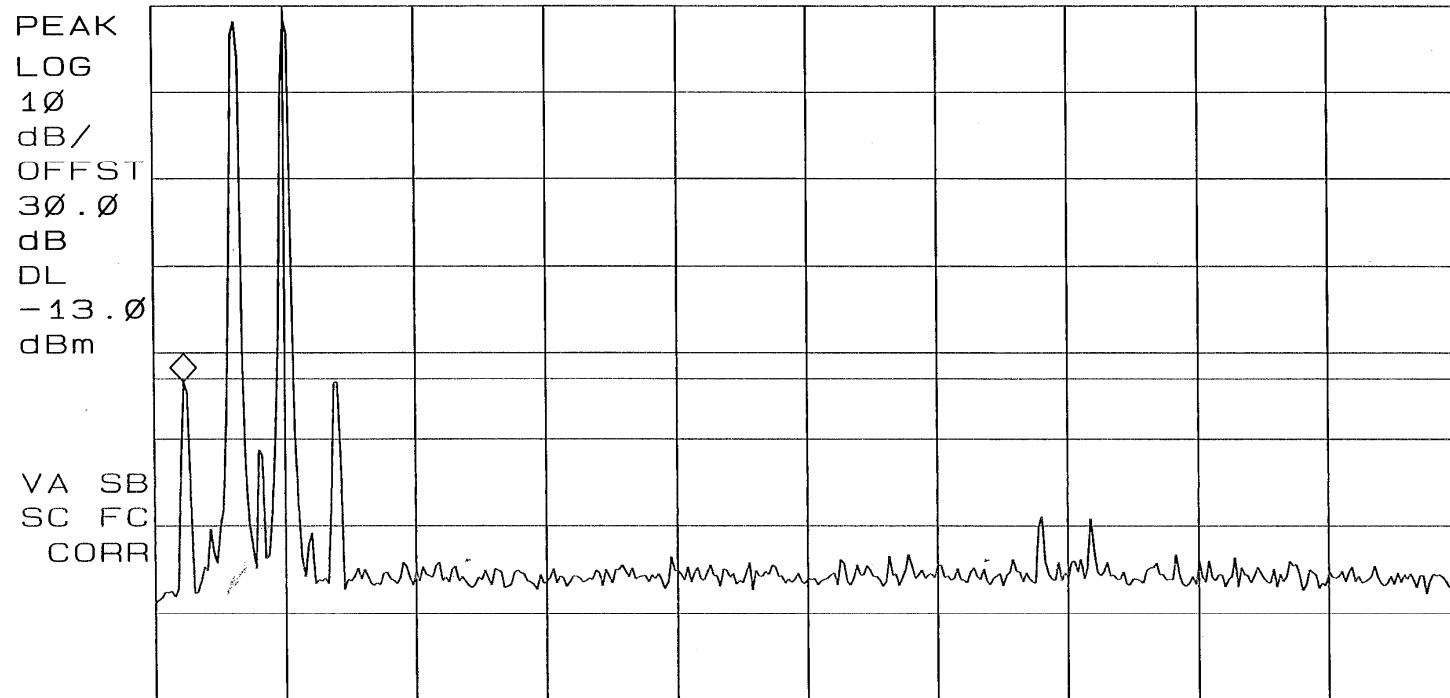
EMISSIONS DATA SHEET

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 - TDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15:51:47 AUG 14, 2006

MKR 868.59 MHz
-13.33 dBm

REF 30.0 dBm AT 10 dB



START 868.00 MHz

STOP 894.00 MHz

#RES BW 30 kHz

#VBW 100 kHz

SWP 86.7 msec

RETLIF TESTING LABORATORIES

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Customer:	Cellular Specialties, Inc.	Test Sample:	Dual Band Bidirectional Amplifier
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		M.Seamans	Date:
		8/16/2006	

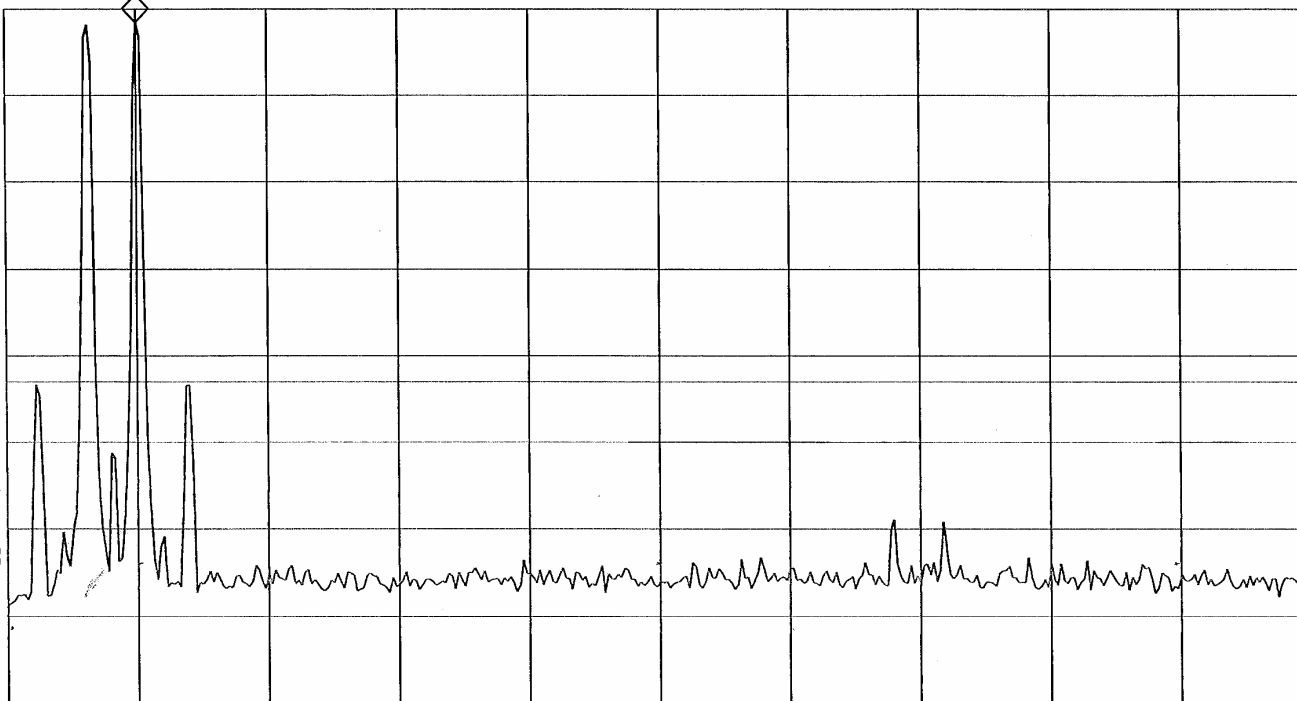
15:52:12 AUG 14, 2006

MKR 870.60 MHz
28.47 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-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15: 51: 59 AUG 14, 2006

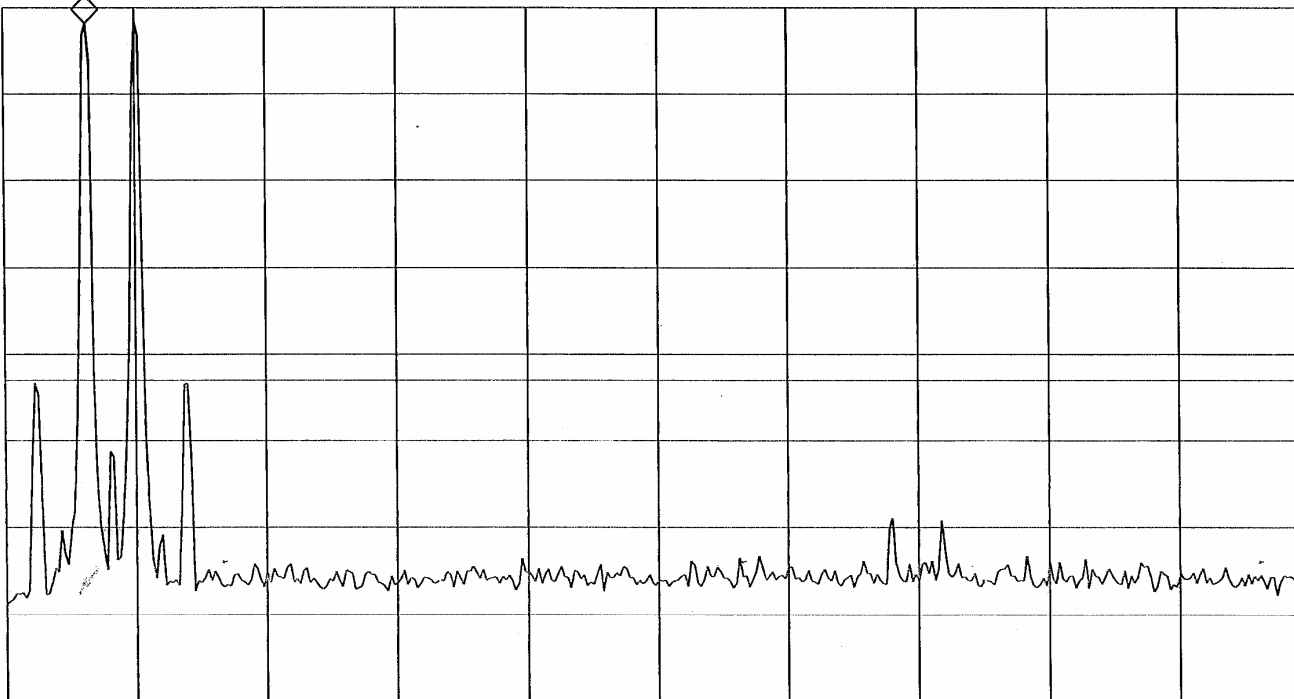
MKR 869.63 MHz
28.21 dBm

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-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15:52:32 AUG 14, 2006

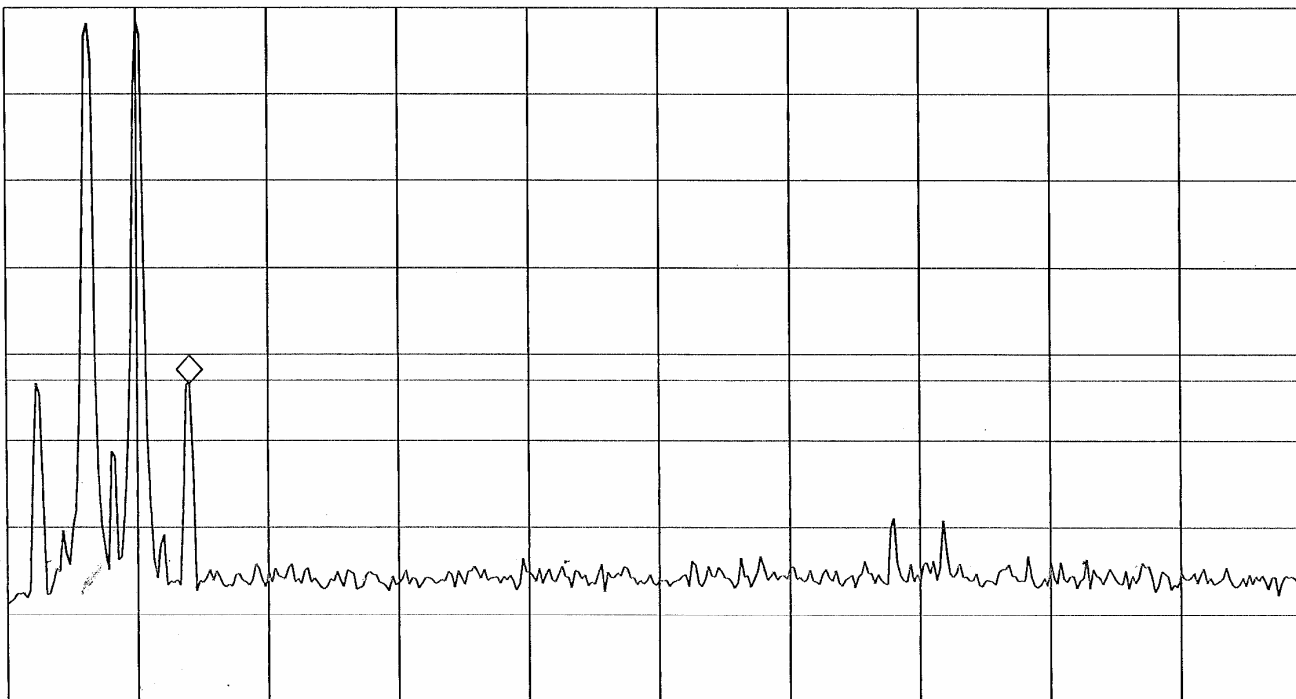
REF 30.0 dBm

AT 10 dB

MKR 871.64 MHz
-13.36 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

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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:	Amps Band - TDMA - Downlink		

15: 38: 11 AUG 14, 2006

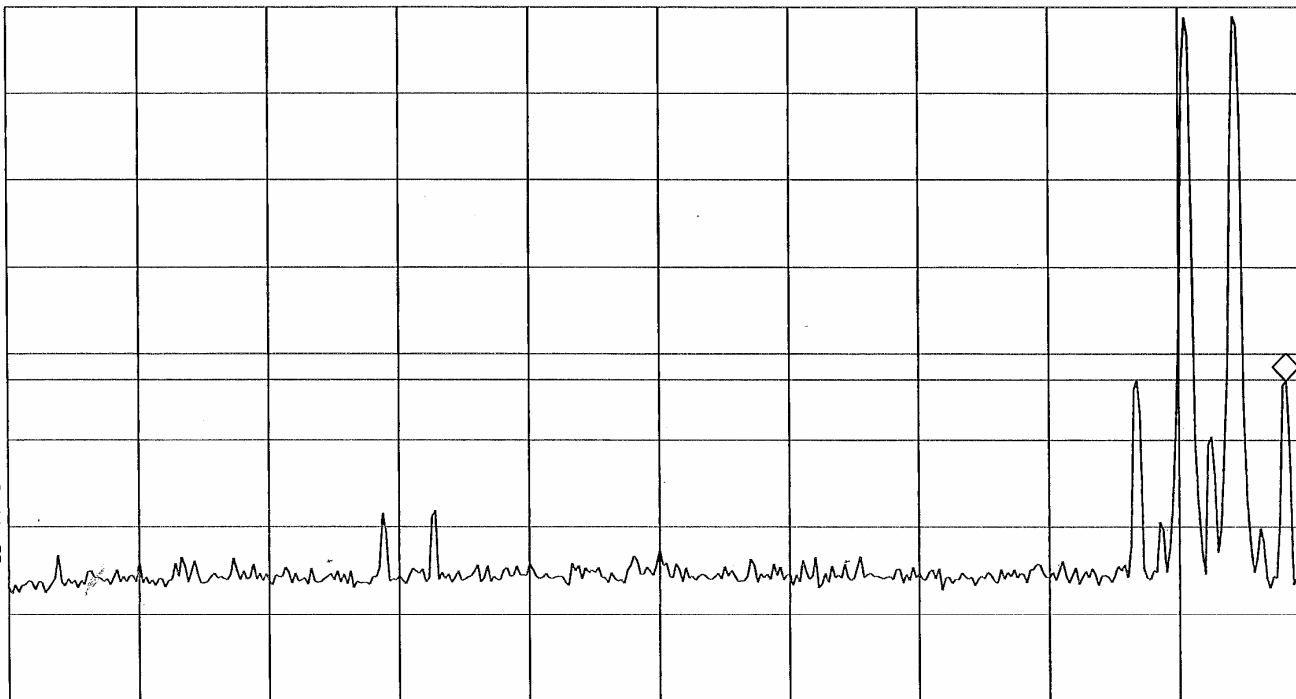
REF 30.0 dBm

AT 10 dB

MKR 894.55 MHz
-13.12 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
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	
Date:	8/16/2006		

15: 44: 39 AUG 14, 2006

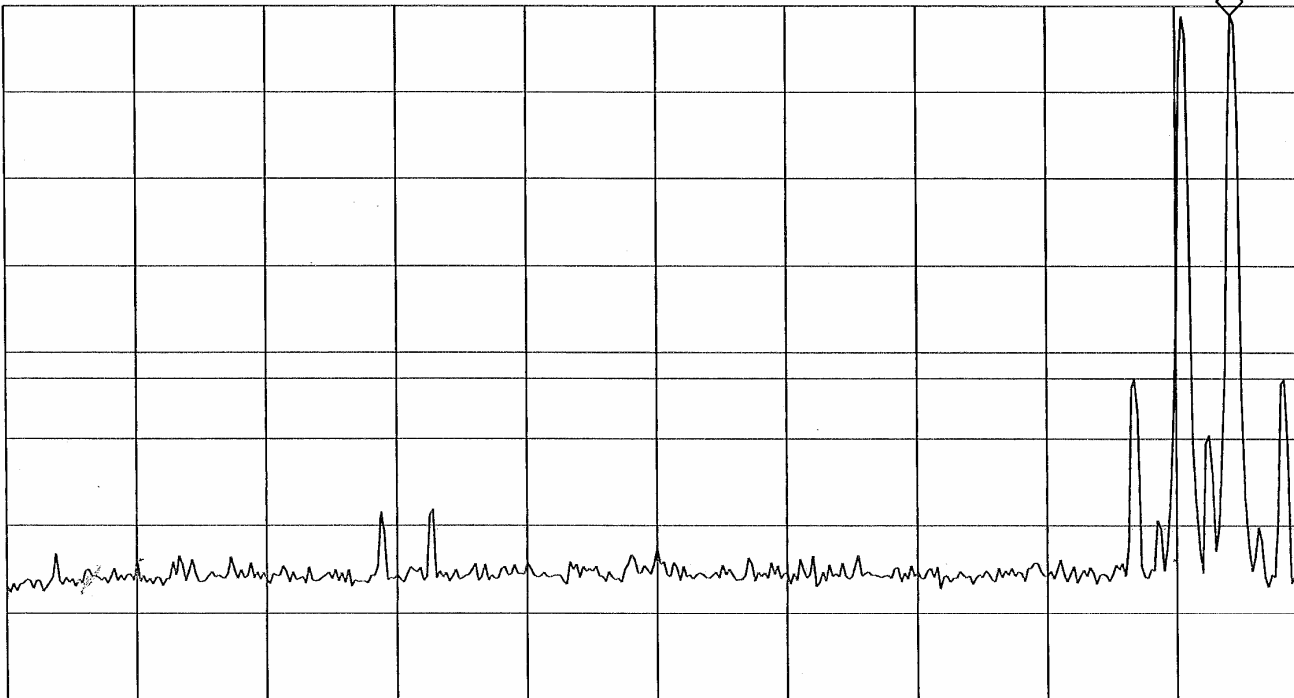
REF 30.0 dBm

AT 10 dB

MKR 893.51 MHz
28.96 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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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 - TDMA - Downlink		

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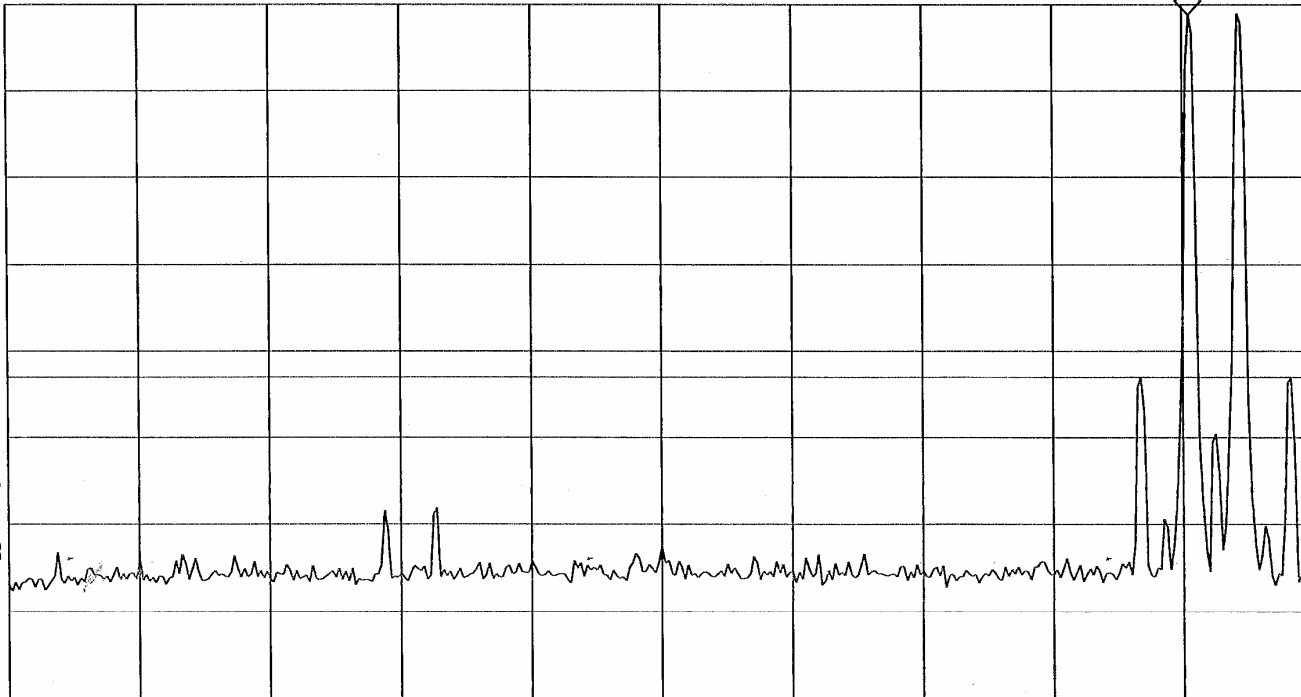
REF 30.0 dBm

AT 10 dB

MKR 892.53 MHz
28.83 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		

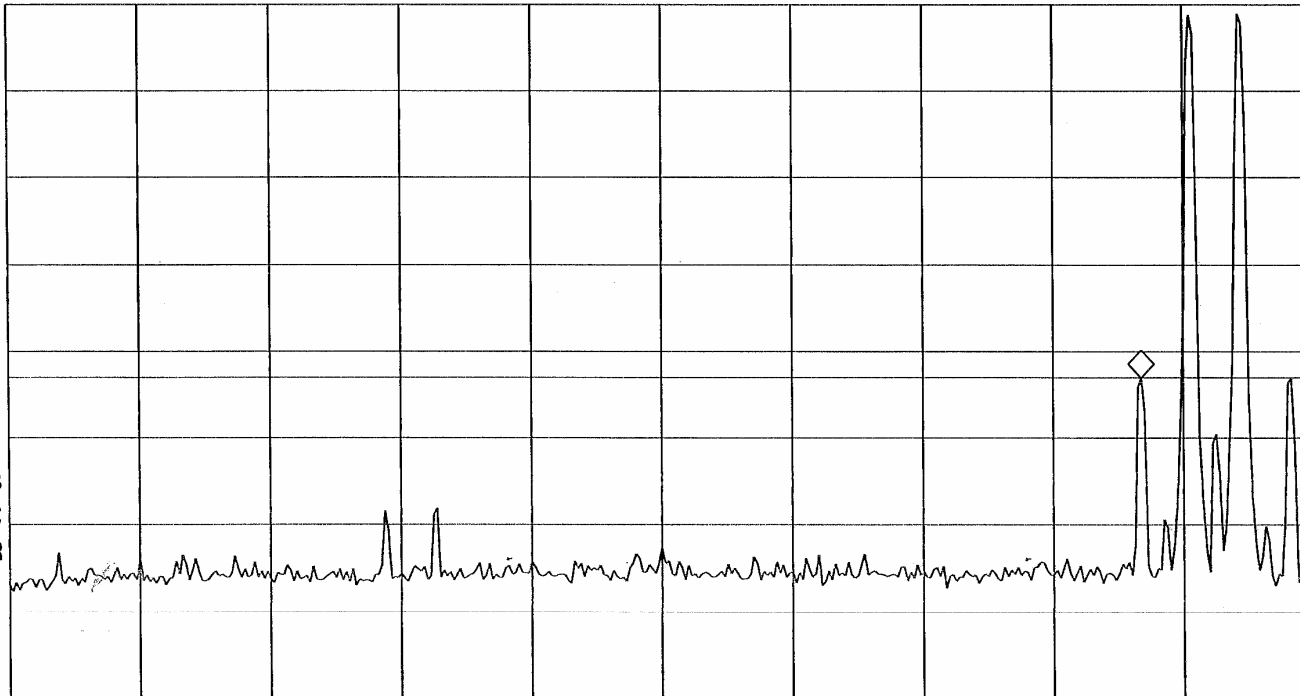
15: 45: 07 AUG 14, 2006

REF 30.0 dBm AT 10 dB

MKR 891.56 MHz
-13.04 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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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 - CDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15:19:35 AUG 14, 2006

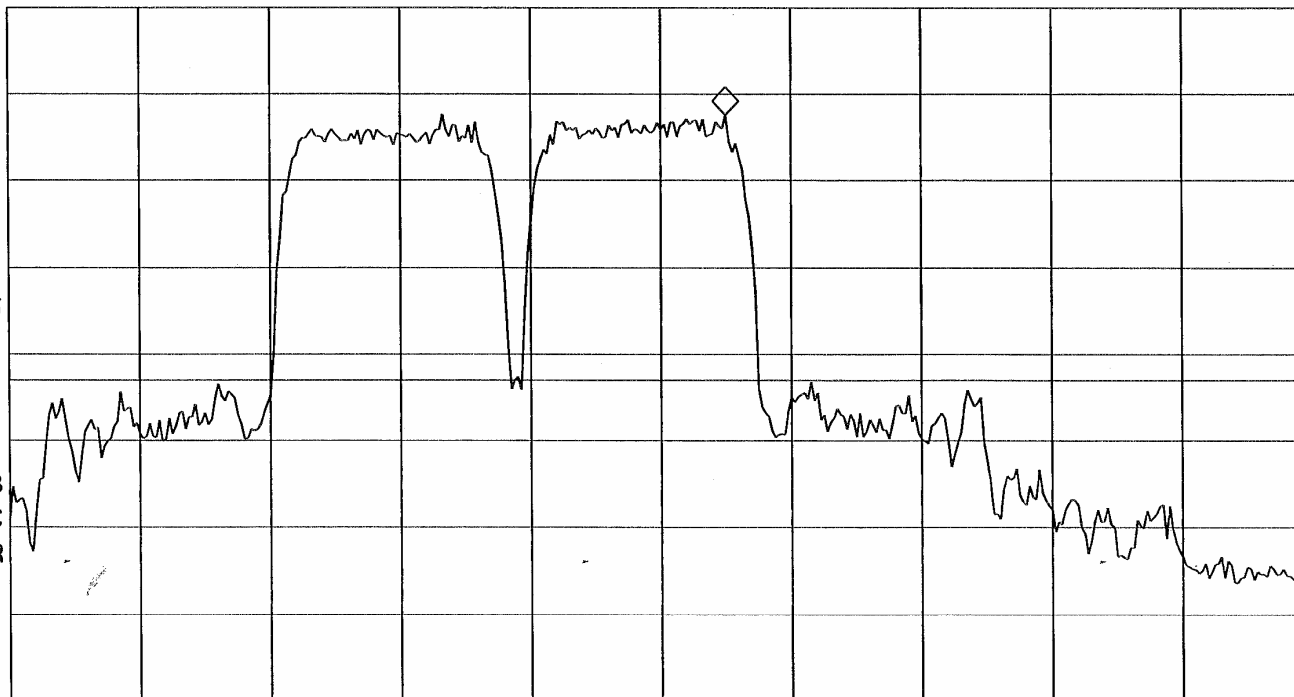
REF 30.0 dBm

AT 10 dB

MKR 882.30 MHz
17.63 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

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 - CDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15: 19: 27 AUG 14, 2006

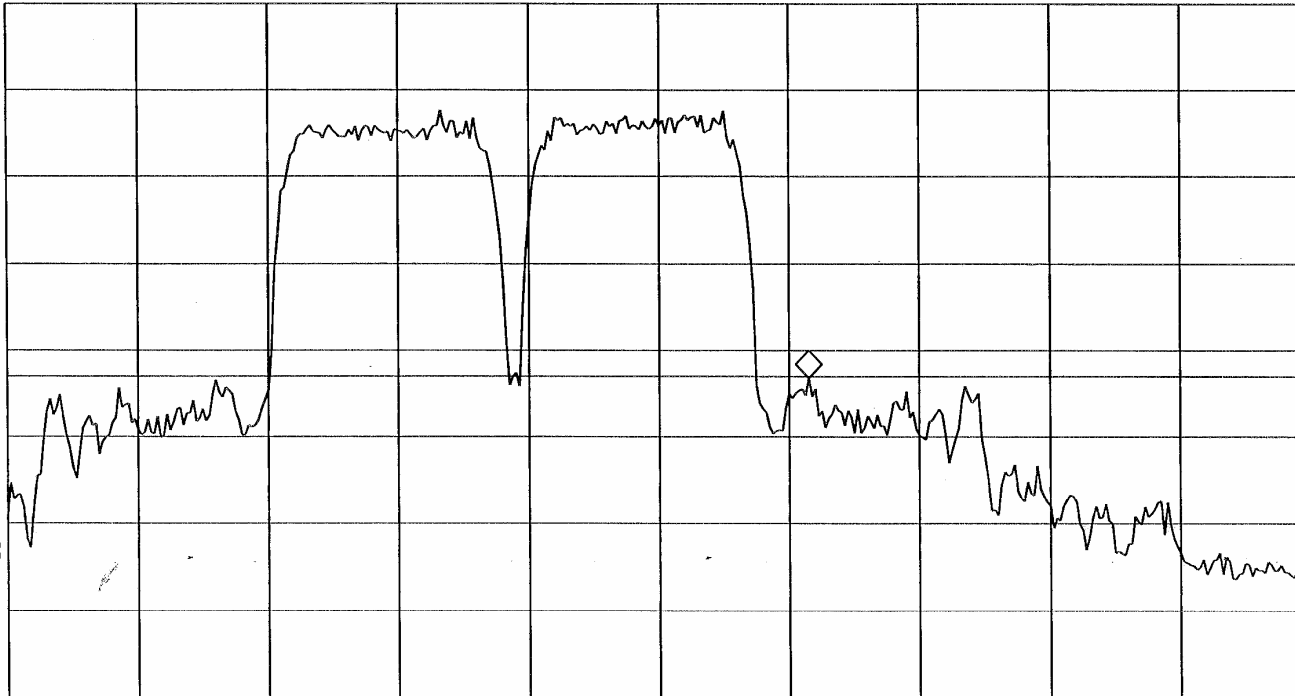
REF 30.0 dBm

AT 10 dB

MKR 883.99 MHz

-13.19 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

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 - CDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15:19:51 AUG 14, 2006

REF 30.0 dBm

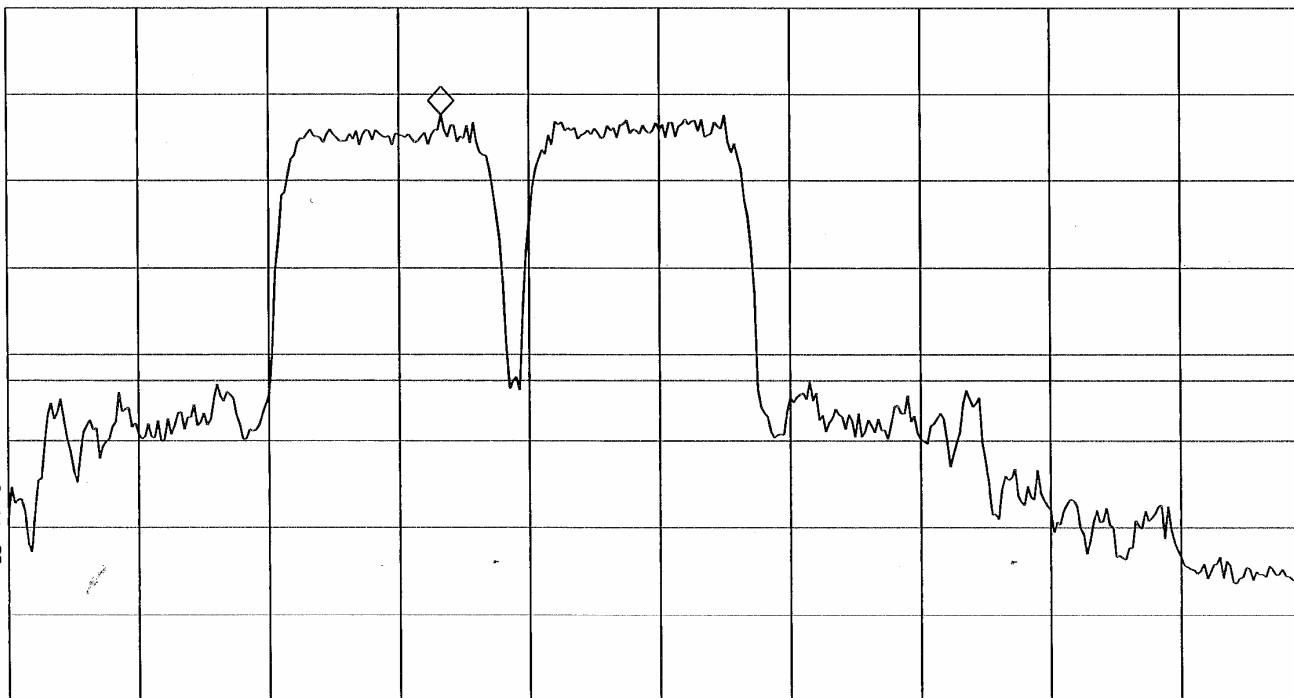
AT 10 dB

MKR 876.65 MHz

17.68 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

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 - CDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15:20:15 AUG 14, 2006

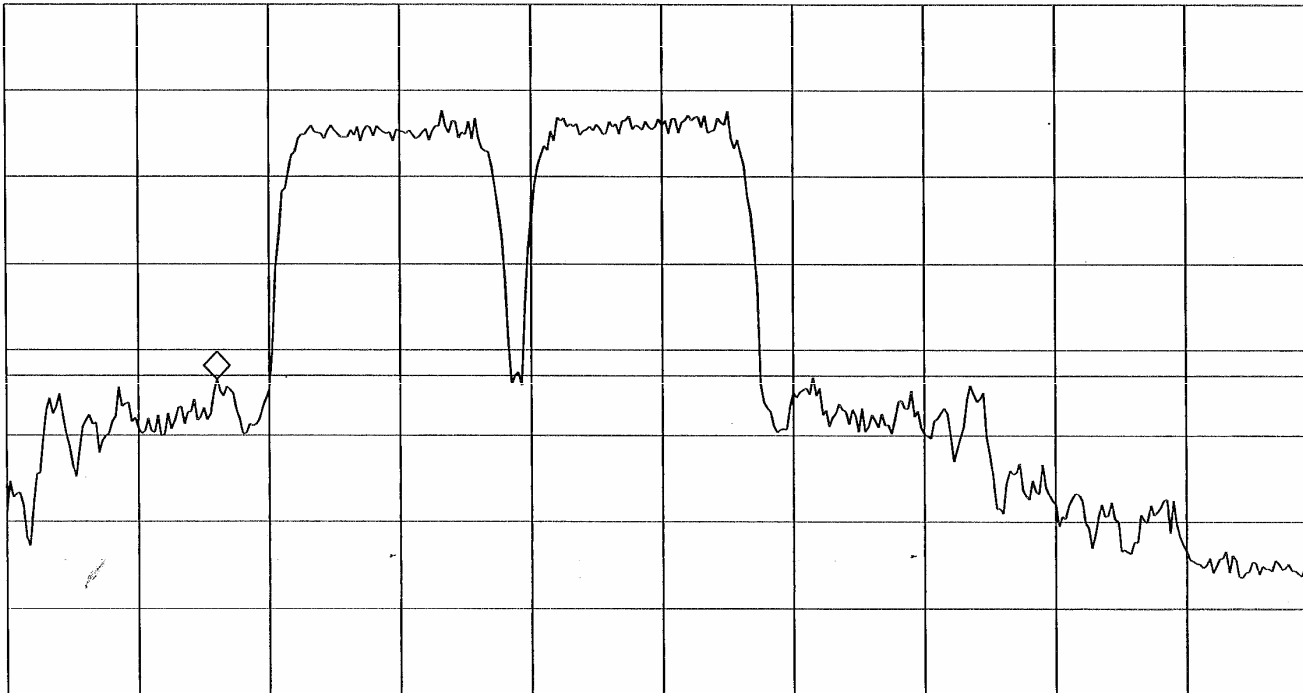
REF 30.0 dBm

AT 10 dB

MKR 872.16 MHz
-13.43 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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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 - CDMA - Downlink		
Job No:	R-4609N-3	Technician:	M.Seamans
Date:	8/16/2006		

15:31:46 AUG 14, 2006

REF 30.0 dBm

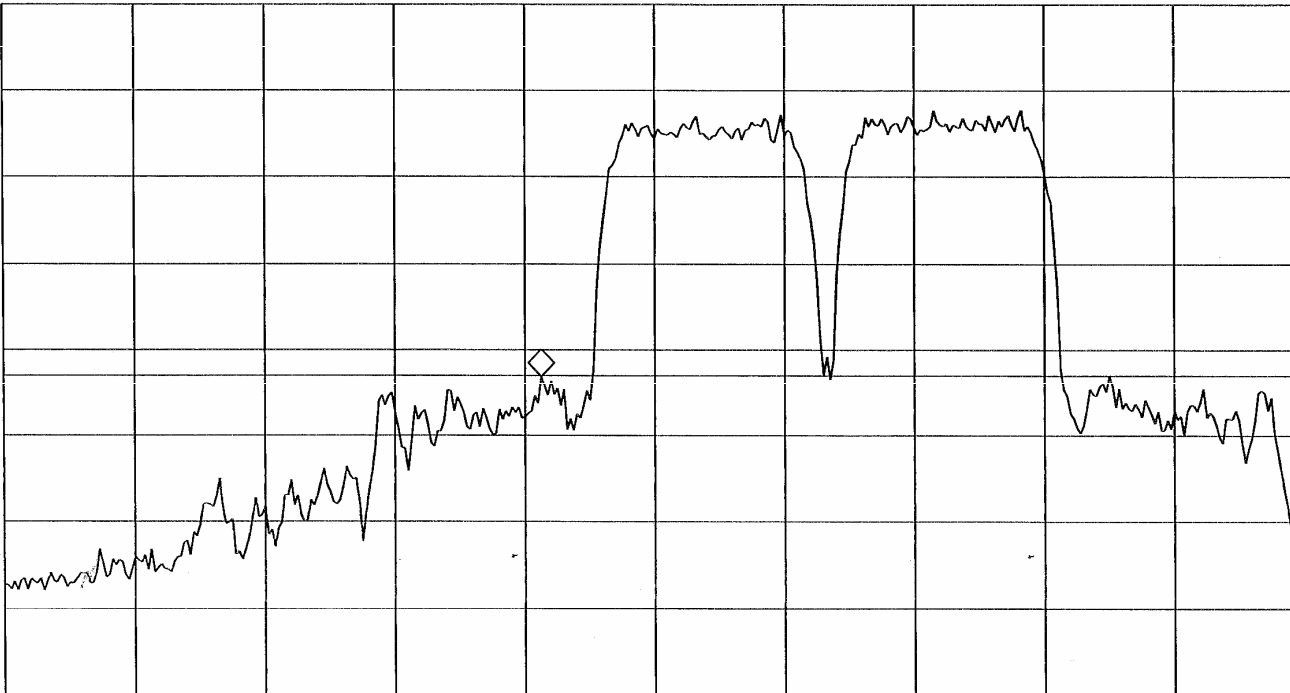
AT 10 dB

MKR 879.14 MHz

-13.12 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 895.00 MHz

SWP 90.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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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 - CDMA - Downlink		
Job No:	R-4609N-3		Technician:
		M.Seamans	Date:
		8/16/2006	

15:31:25 AUG 14, 2006

MKR 884.13 MHz

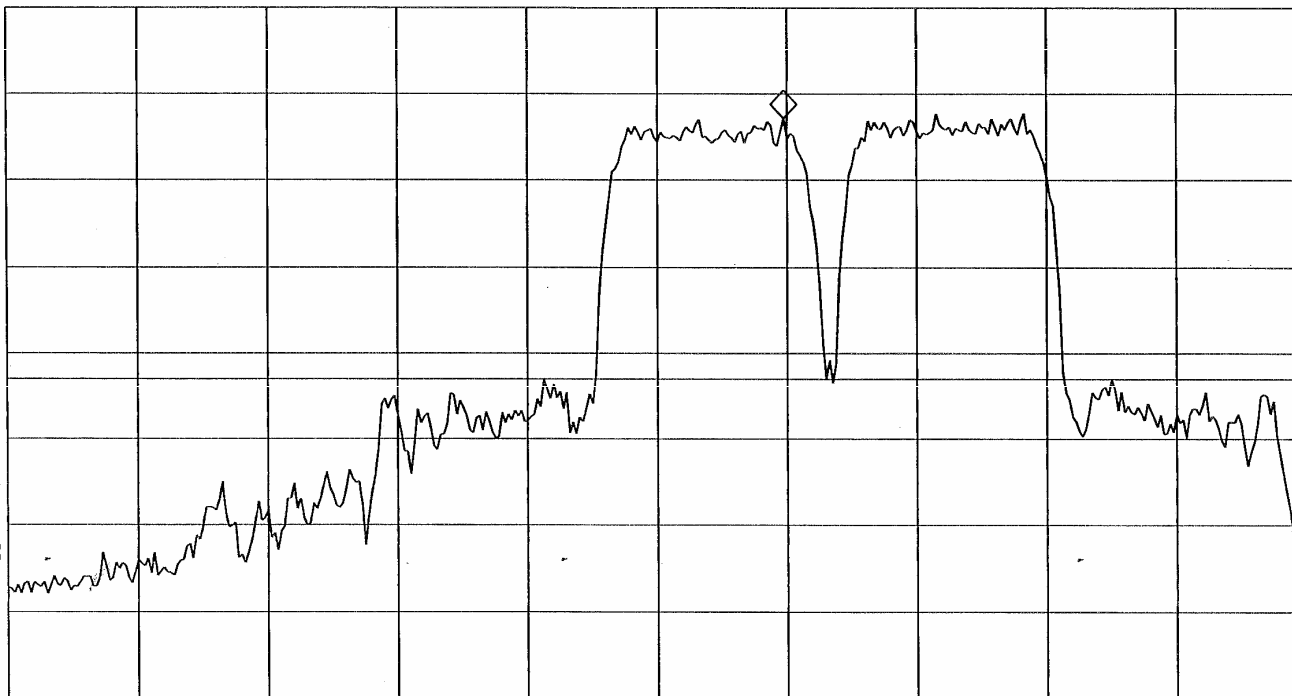
REF 30.0 dBm

AT 10 dB

17.21 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 895.00 MHz

SWP 90.0 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:	Amps Band - CDMA - Downlink		

15:31:08 AUG 14, 2006

MKR 889.13 MHz

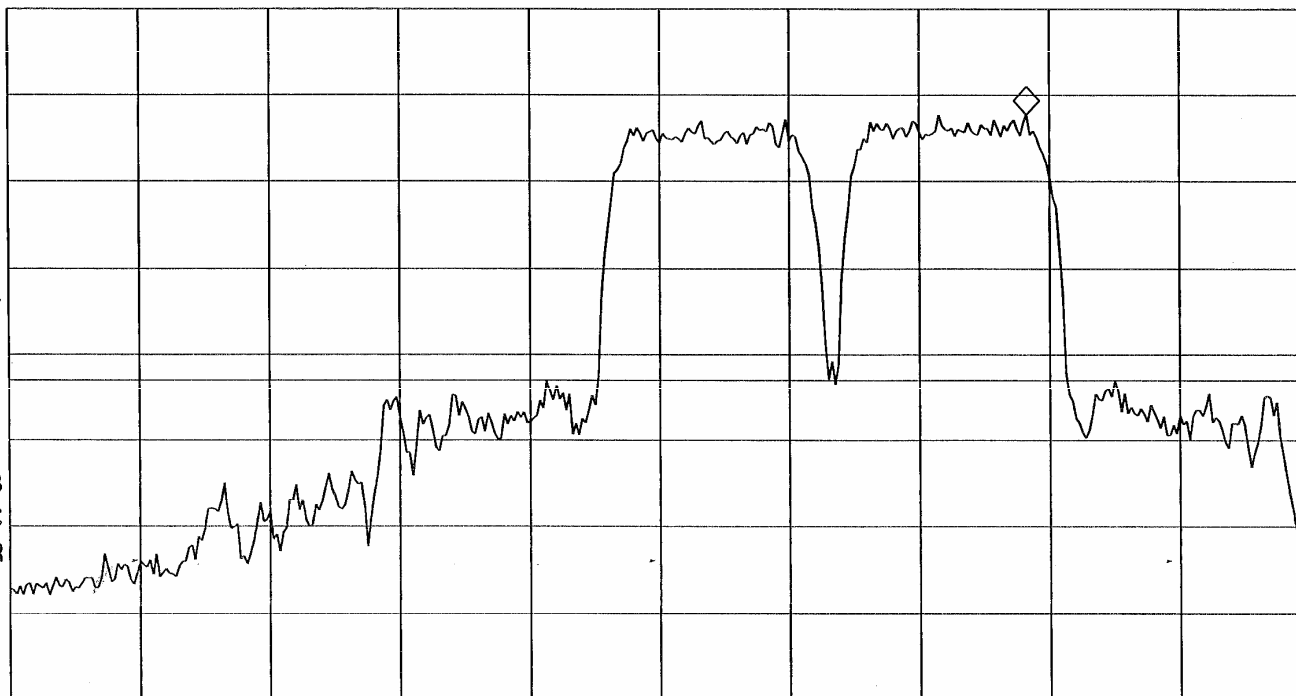
REF 30.0 dBm

AT 10 dB

17.77 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 895.00 MHz

SWP 90.0 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 - CDMA - Downlink		

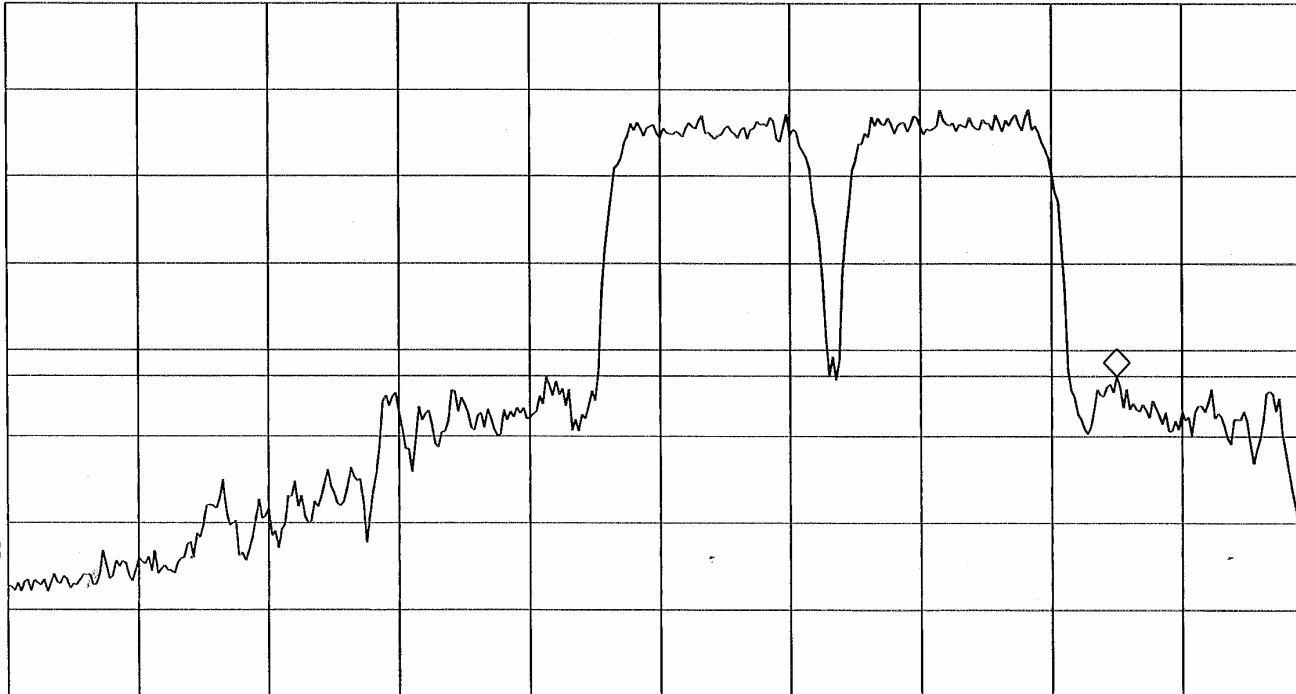
15:30:45 AUG 14, 2006

MKR 890.95 MHz
-13.01 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 895.00 MHz

SWP 90.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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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		

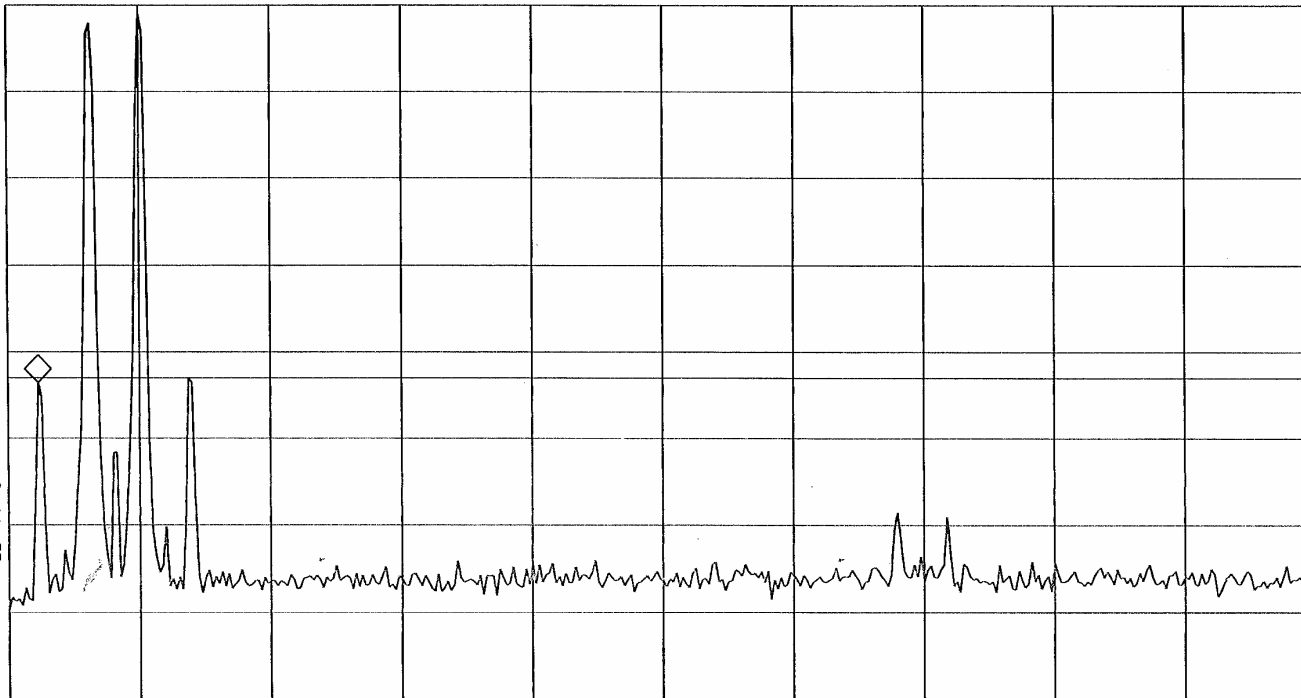
15:56:07 AUG 14, 2006

MKR 868.59 MHz
-13.56 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

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

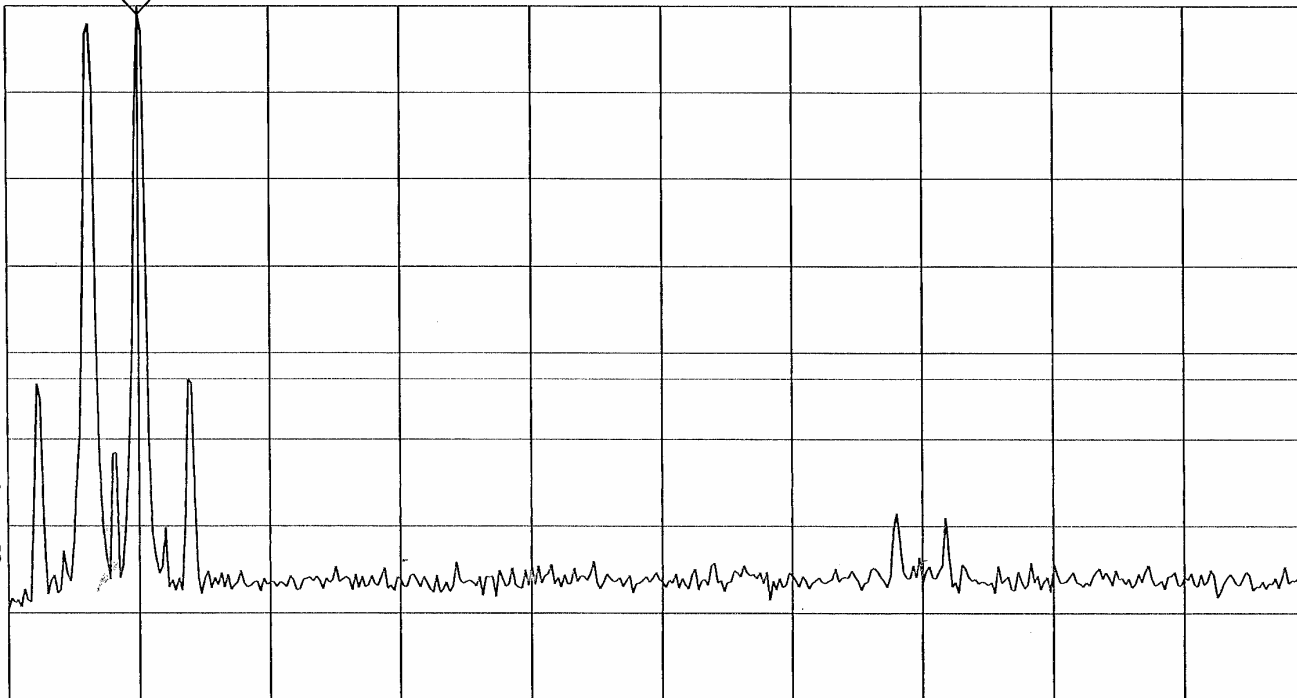
15:55:06 AUG 14, 2006

MKR 870.60 MHz
29.05 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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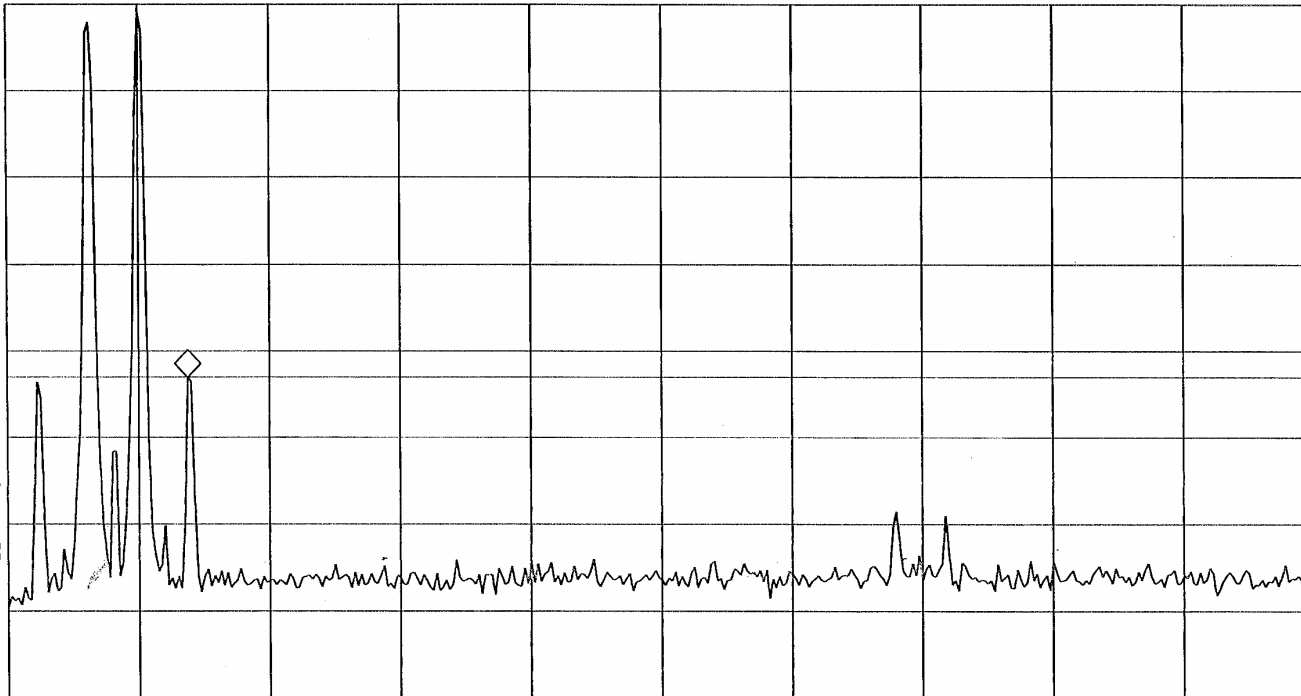
15: 54: 49 AUG 14, 2006

MKR 871.58 MHz
-13.05 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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16: 01: 59 AUG 14, 2006

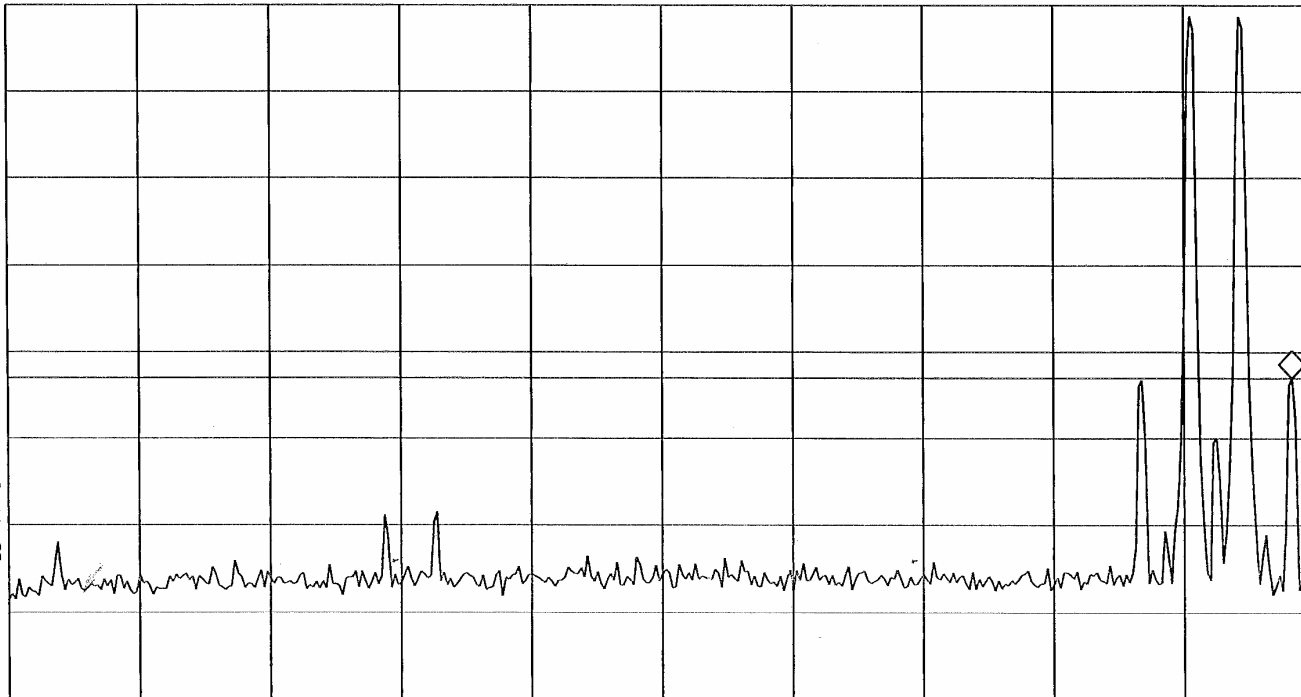
REF 30.0 dBm

AT 10 dB

MKR 894.55 MHz
-13.01 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: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - FM - Downlink		

16:01:29 AUG 14, 2006

REF 30.0 dBm

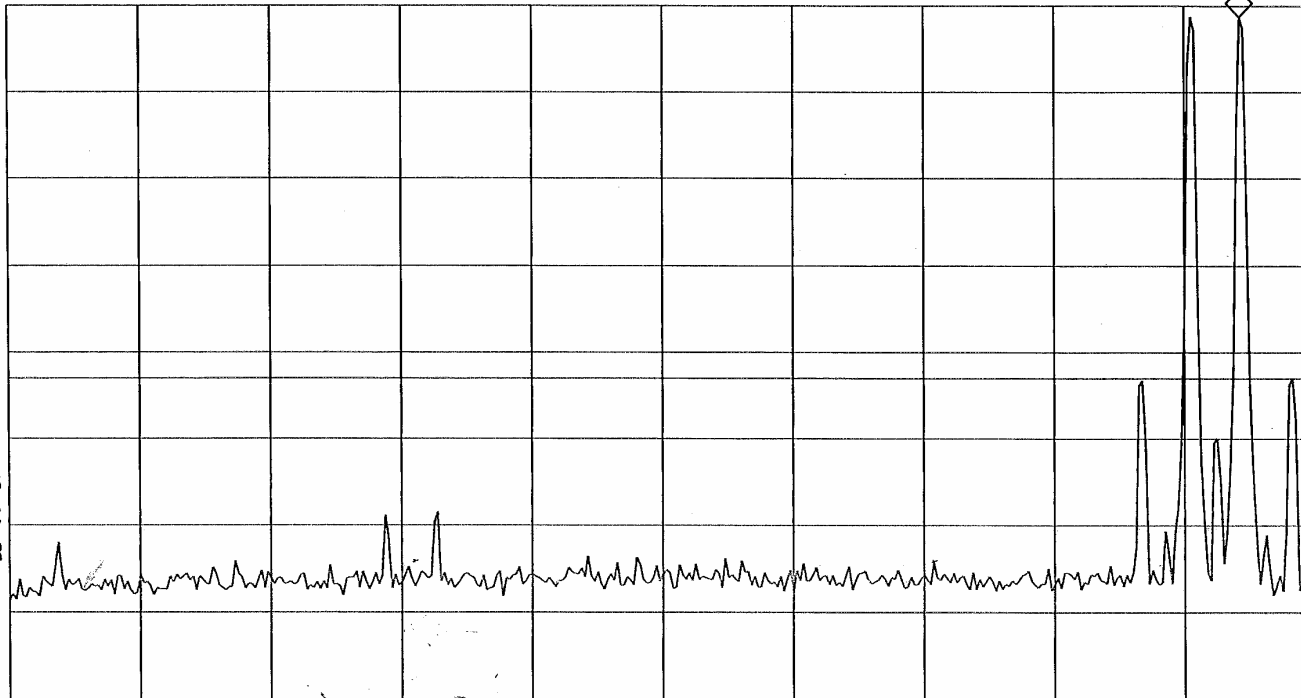
AT 10 dB

MKR 893.51 MHz

28.74 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