

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Digital Repeater
Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		
Job No:	R-4681N-1		Technician:
		M.Seamans	Date:
		9/12/2006	

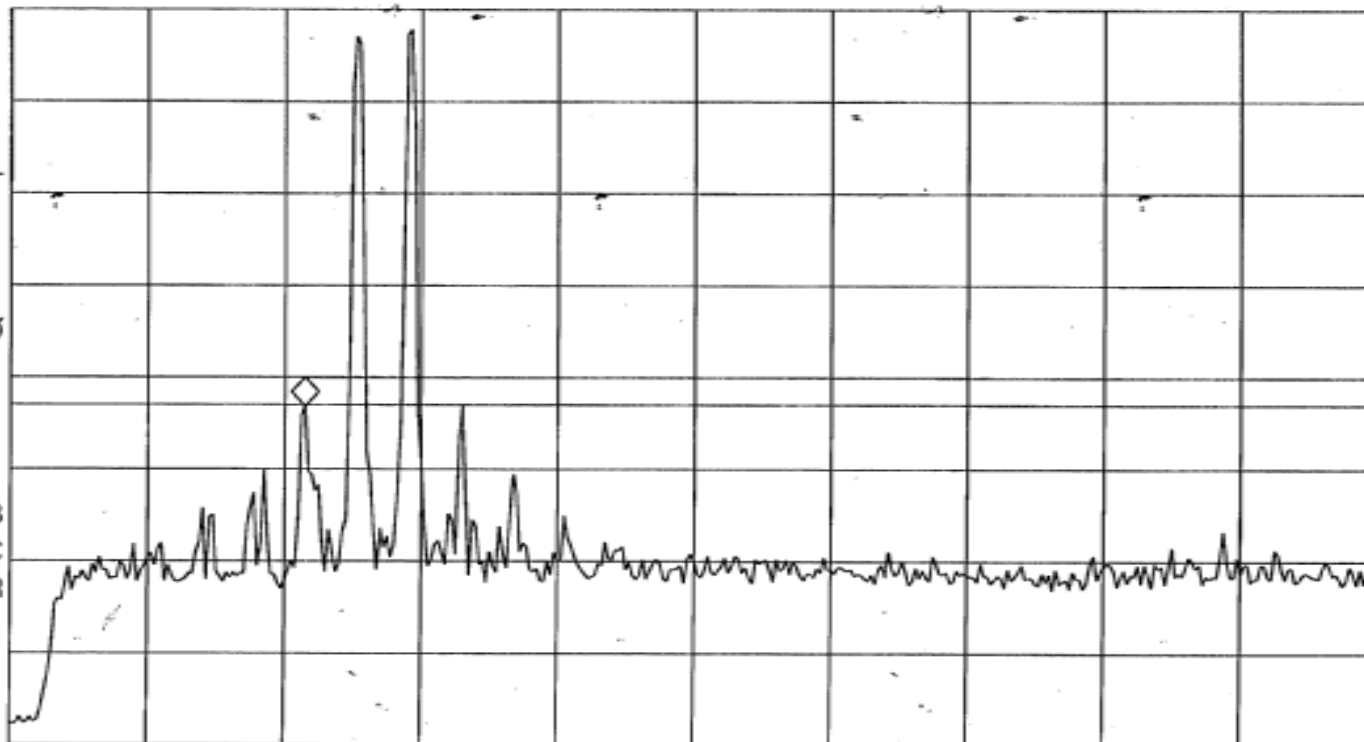
11: 15: 47 SEP 12, 2006

MKR 873.59 MHz
-13.18 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

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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
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Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		
Job No:	R-4681N-1		Technician:
		M.Seamans	Date:
		9/12/2006	

11: 16: 00, SEP 12, 2006

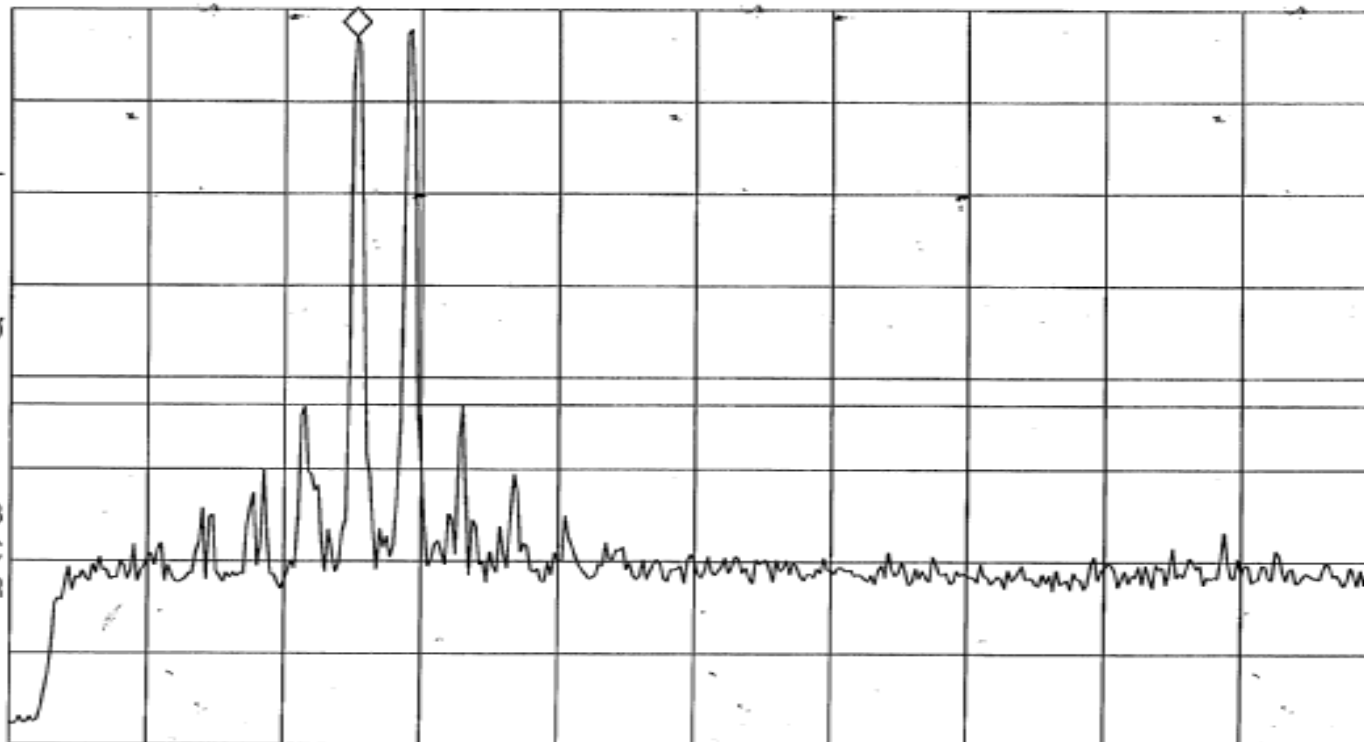
MKR 874.57 MHz
27.04 dBm

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 868.00 MHz

#RES BW 30 kHz

#VBW 100 kHz

STOP 894.00 MHz

SWP 86.7 msec

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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		

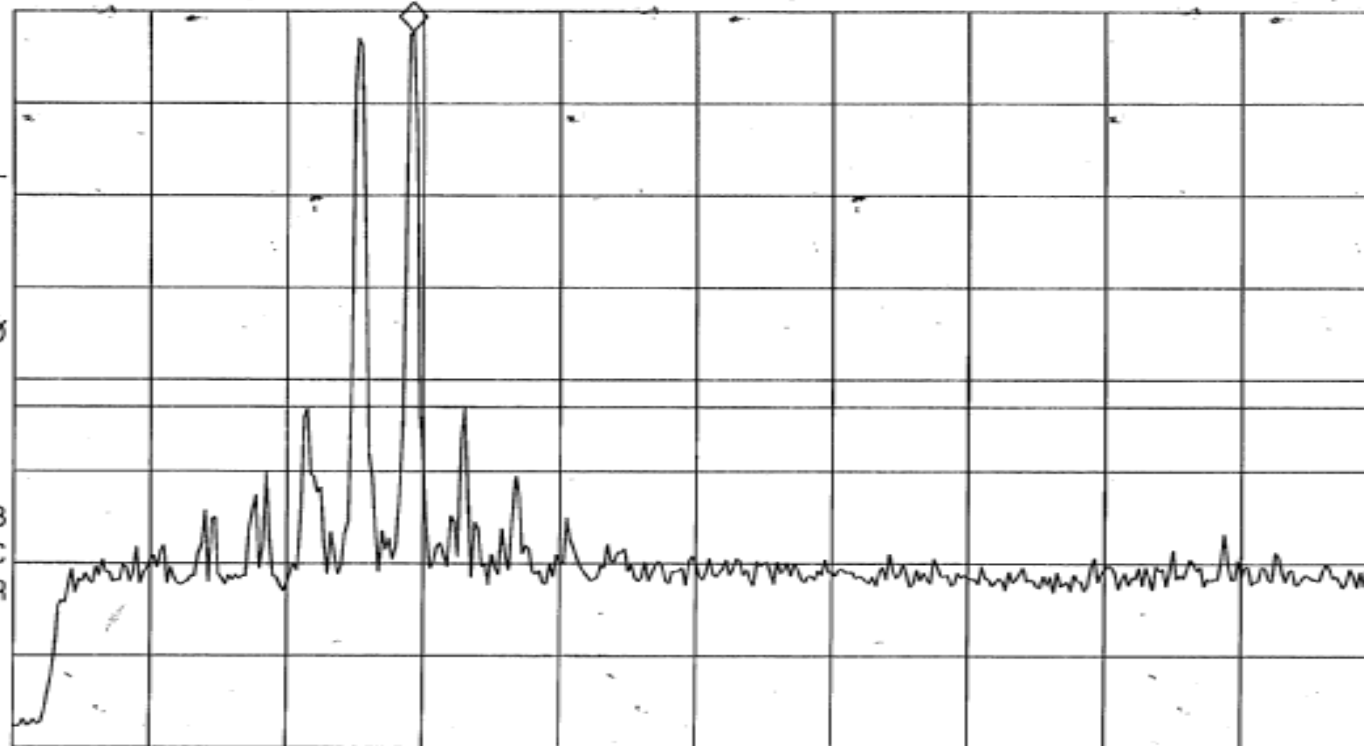
11:16:13 SEP 12, 2006

MKR 875.61 MHz
27.82 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-4681N-1		Technician:
		M.Seamans	Date:
		9/12/2006	

11: 16: 37 SEP 12, 2006

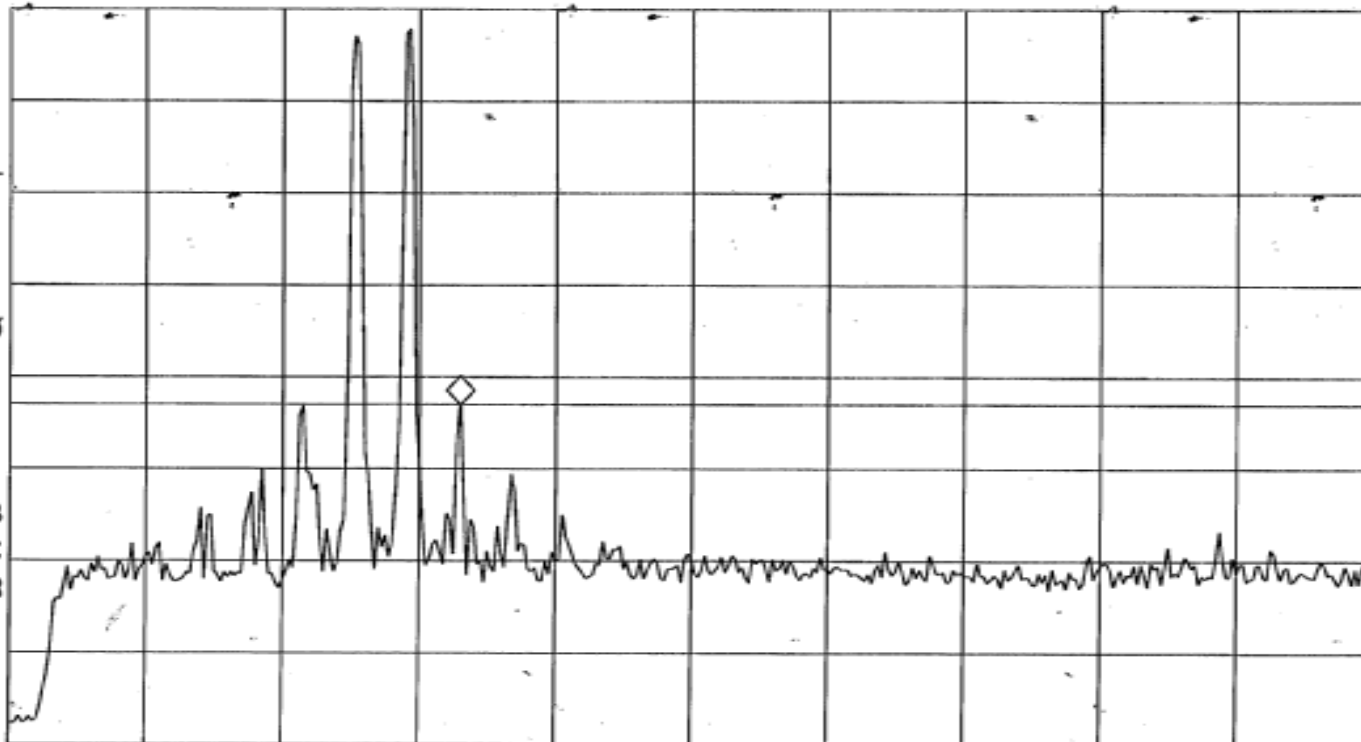
MKR 876.58 MHz
-13.05 dBm

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

RETLIF TESTING LABORATORIES

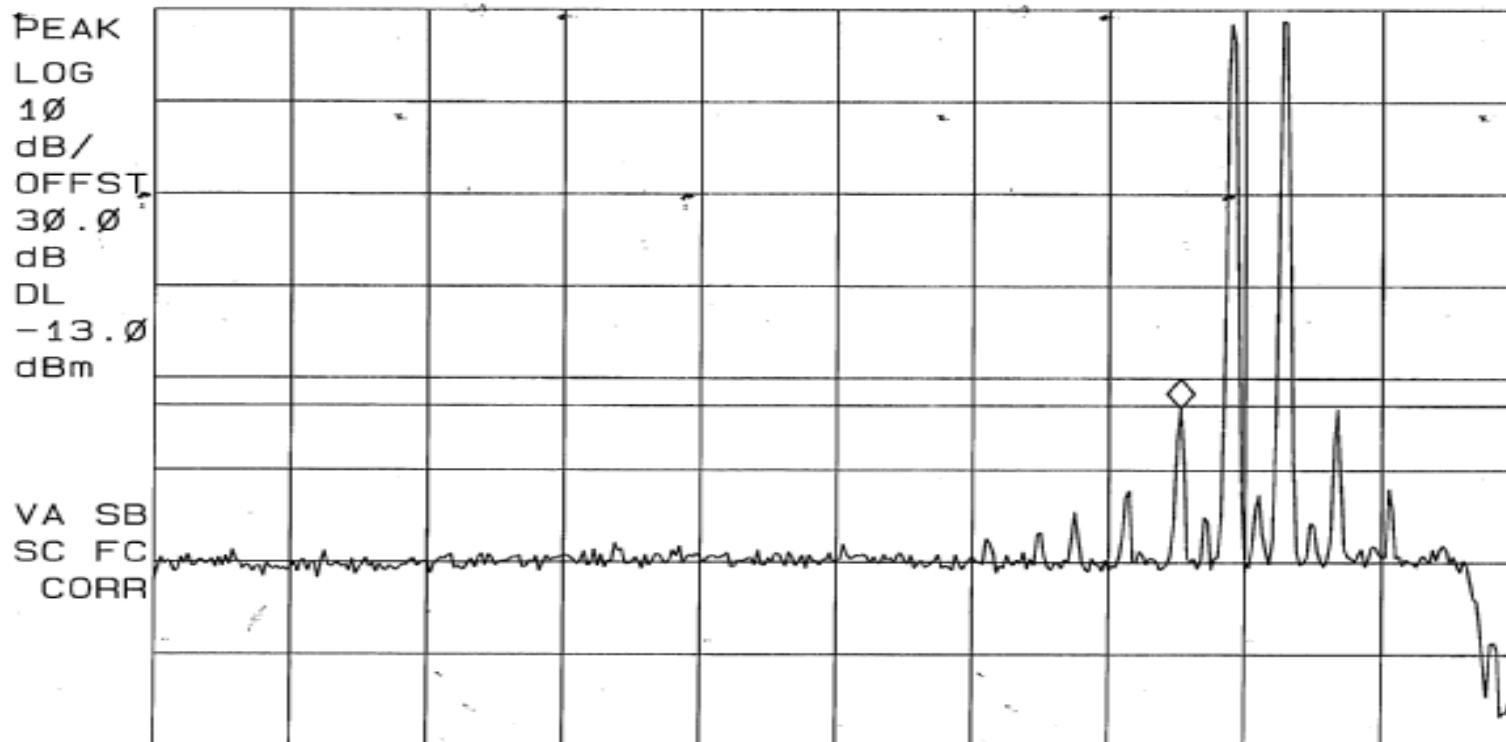
EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Digital Repeater
Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		

11: 11: 59 SEP 12, 2006

MKR 888.57 MHz
-13.24 dBm

REF 30.0 dBm AT 10. dB



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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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		

11:12:21 SEP 12, 2006

REF 30.0 dBm

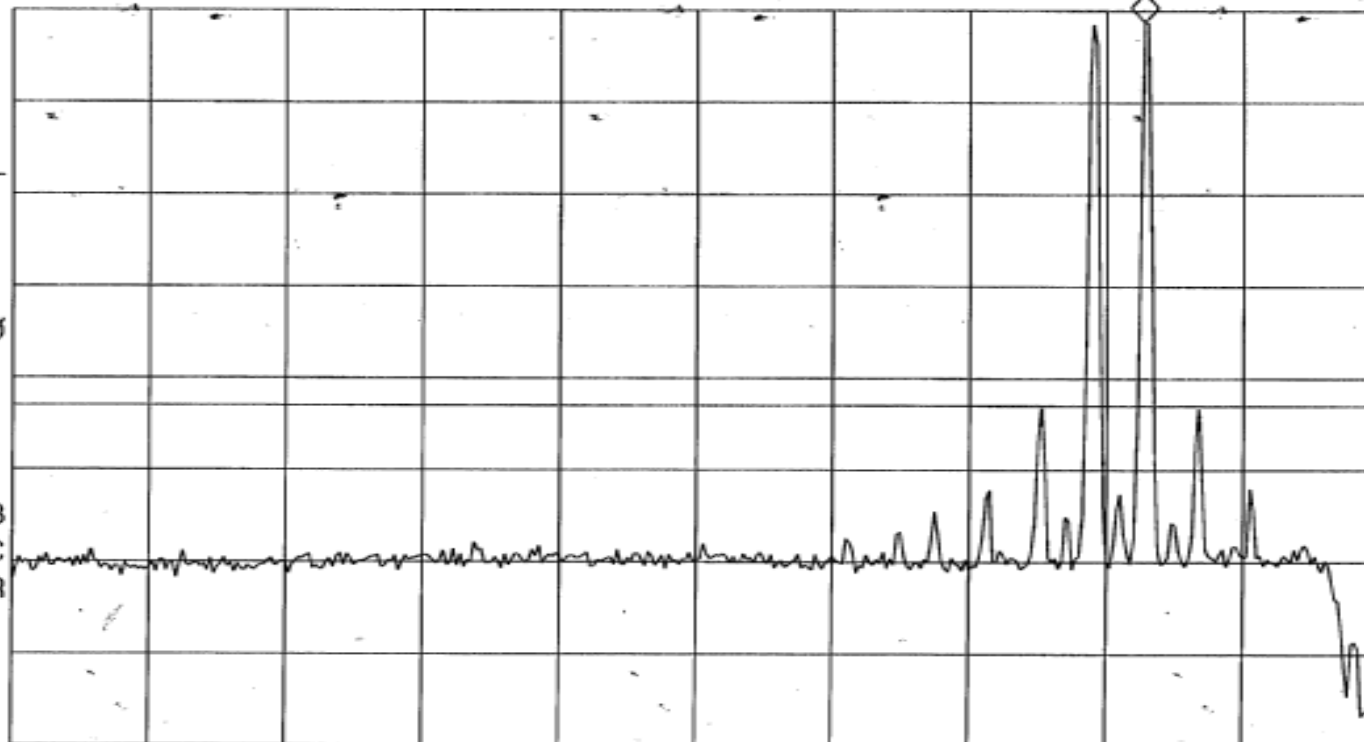
AT 10 dB

MKR 890.52 MHz

28.75 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

Test Method:	Intermodulation Characteristics		
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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		

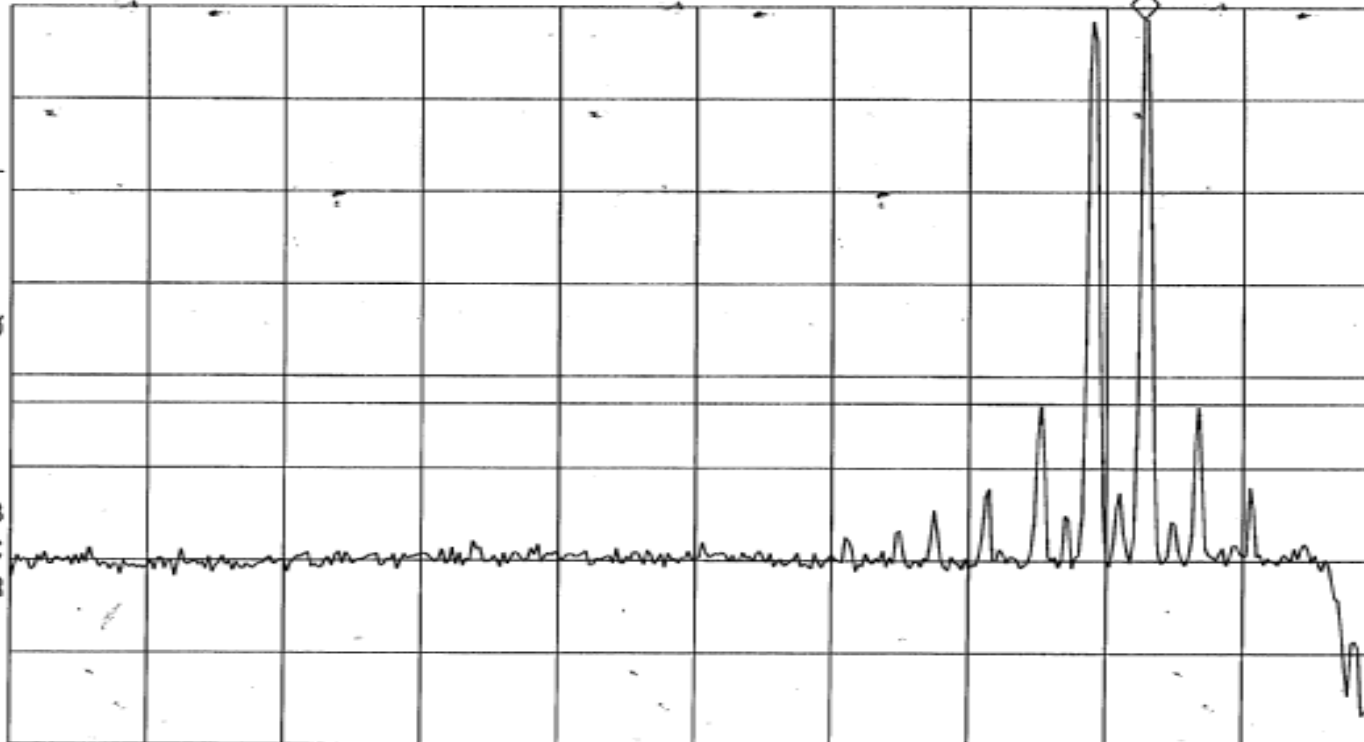
11: 12: 21 SEP 12, 2006

MKR 890.52 MHz
28.75 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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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - TDMA - Downlink		

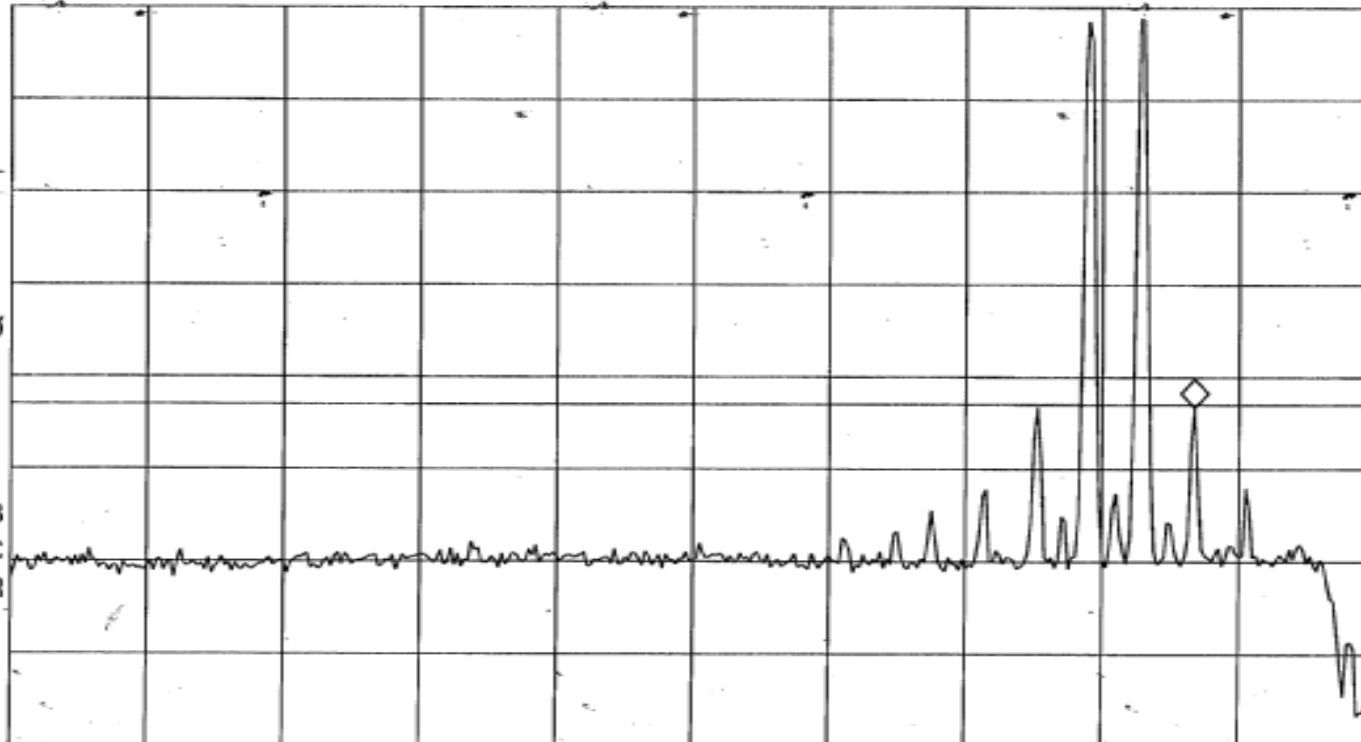
11:12:40 SEP 12, 2006

MKR 891.56 MHz
-13.35 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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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4681N-1		Technician:
		M.Seamans	Date:
		9/12/2006	

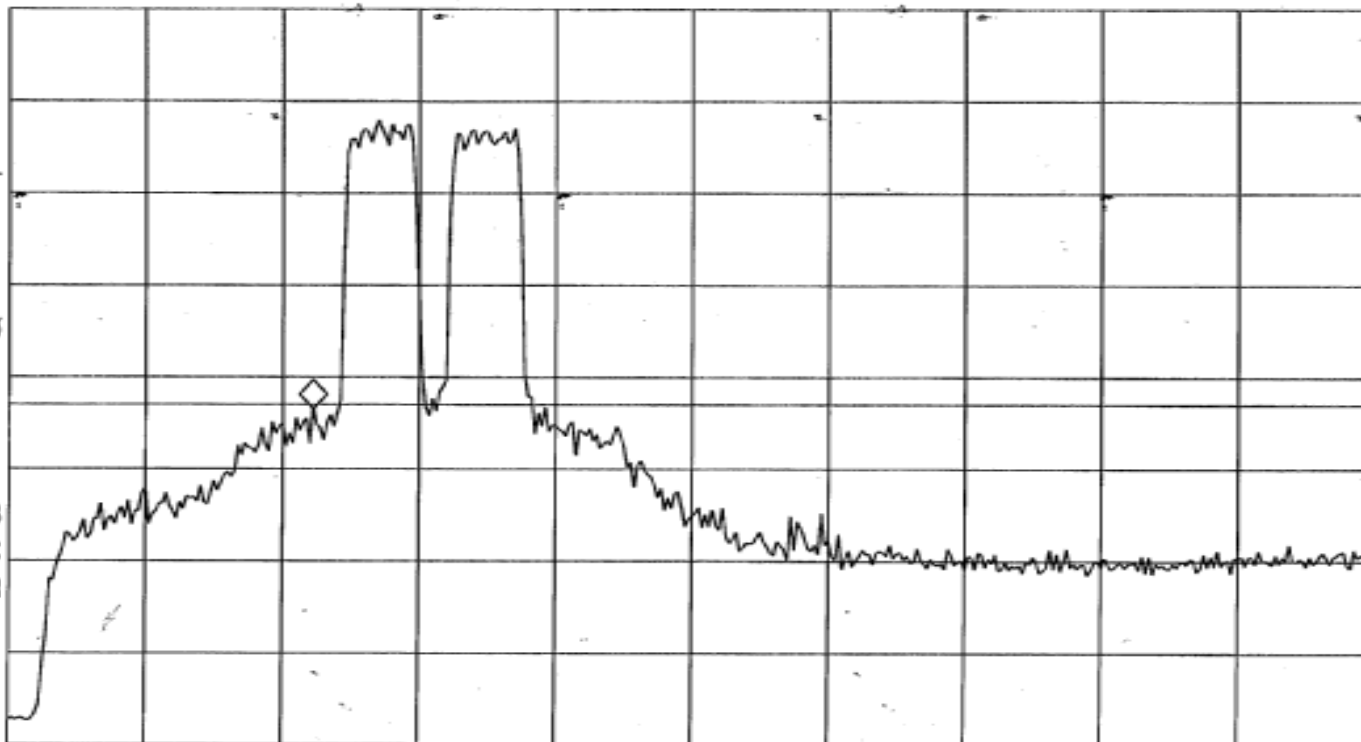
11:33:24 SEP 12, 2006

MKR 873.79 MHz
-13.48 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		
Customer:	Cellular Specialties, Inc.	Test Sample:	Digital Repeater
Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4681N-1		Technician:
		M.Seamans	Date:
		9/12/2006	

11:33:37 SEP 12, 2006

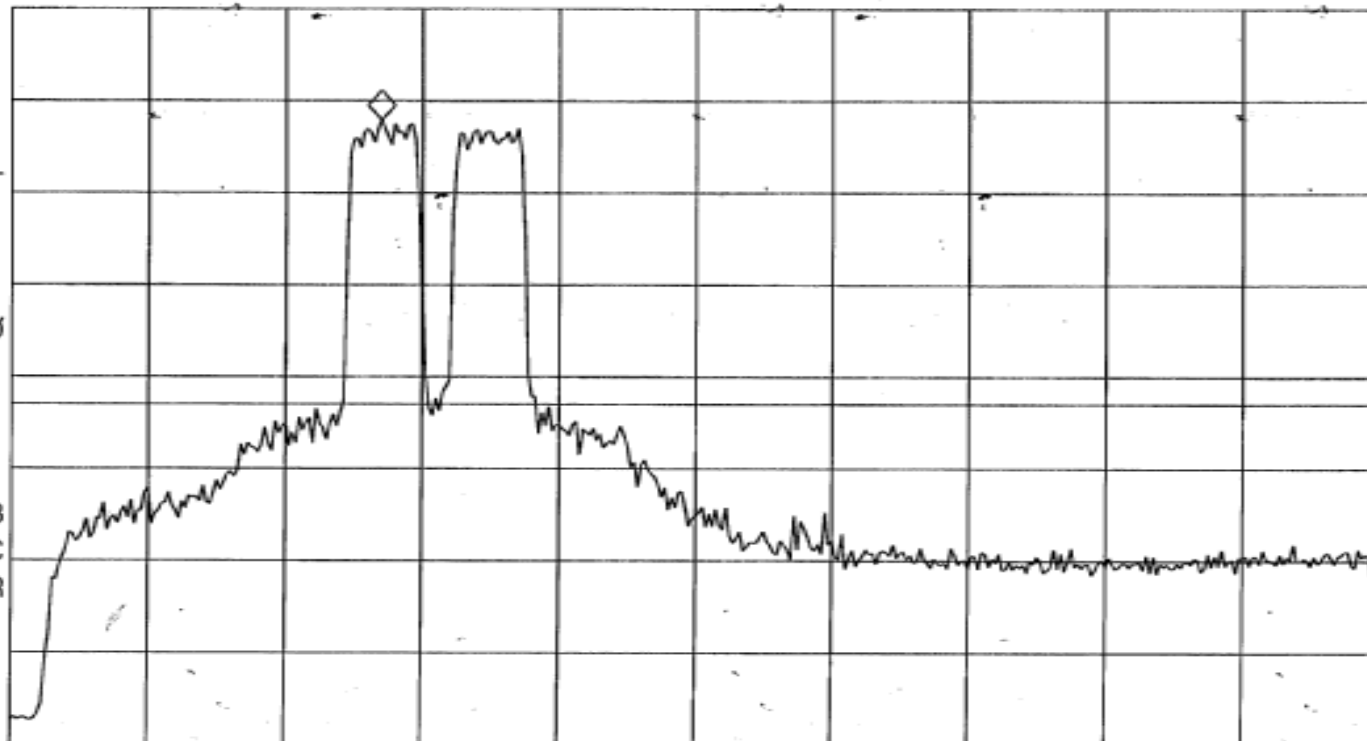
REF 30.0 dBm

AT 10 dB

MKR 875.02 MHz
17.93 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

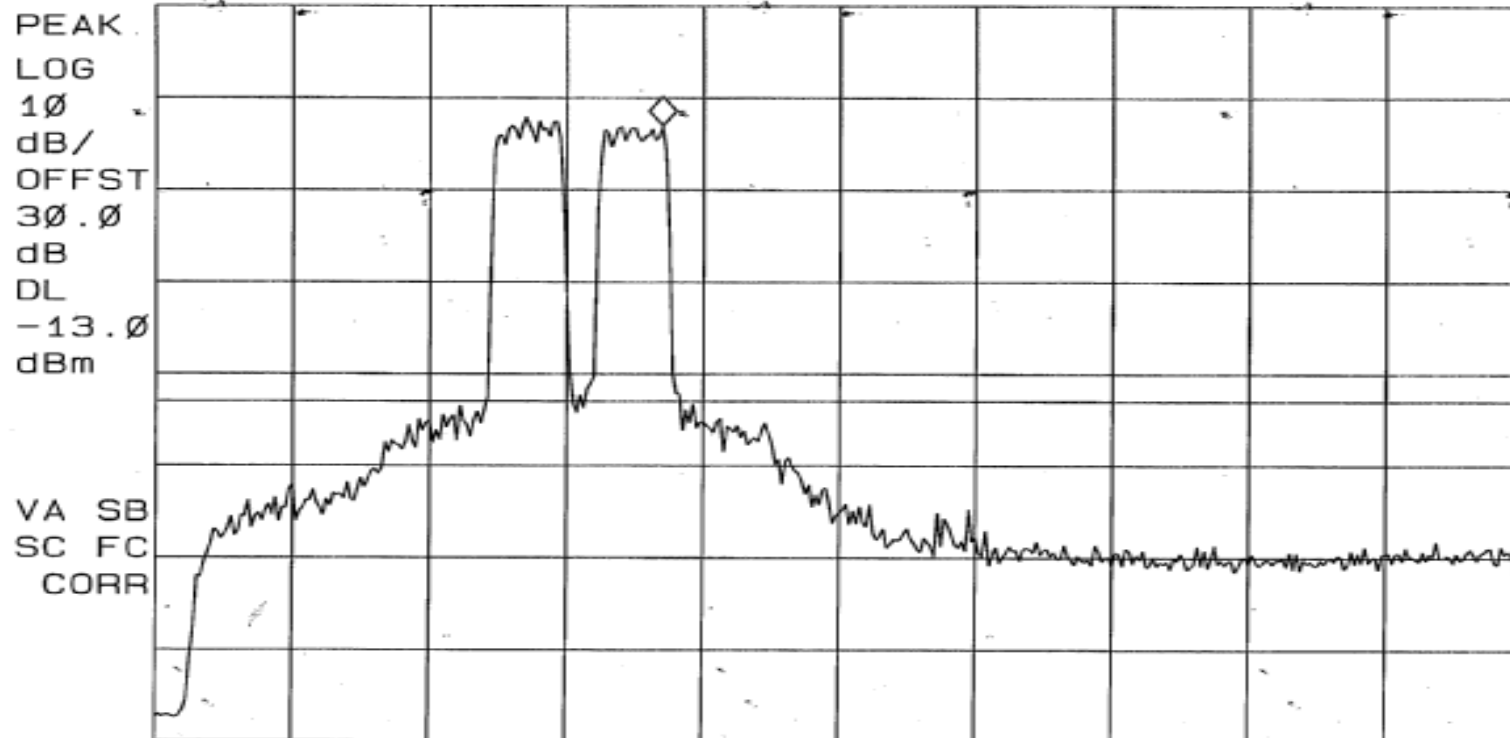
EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Digital Repeater
Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		

11:33:45 SEP 12, 2006

MKR 877.62 MHz
17.01 dBm

REF 30.0 dBm AT 10 dB



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:	Digital Repeater
Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		

11:34:37 SEP 12, 2006

MKR 878.21 MHz

REF 30.0 dBm

AT 10 dB

-13.31 dBm

PEAK

LOG

10

dB/

OFFST

30.0

dB

DL

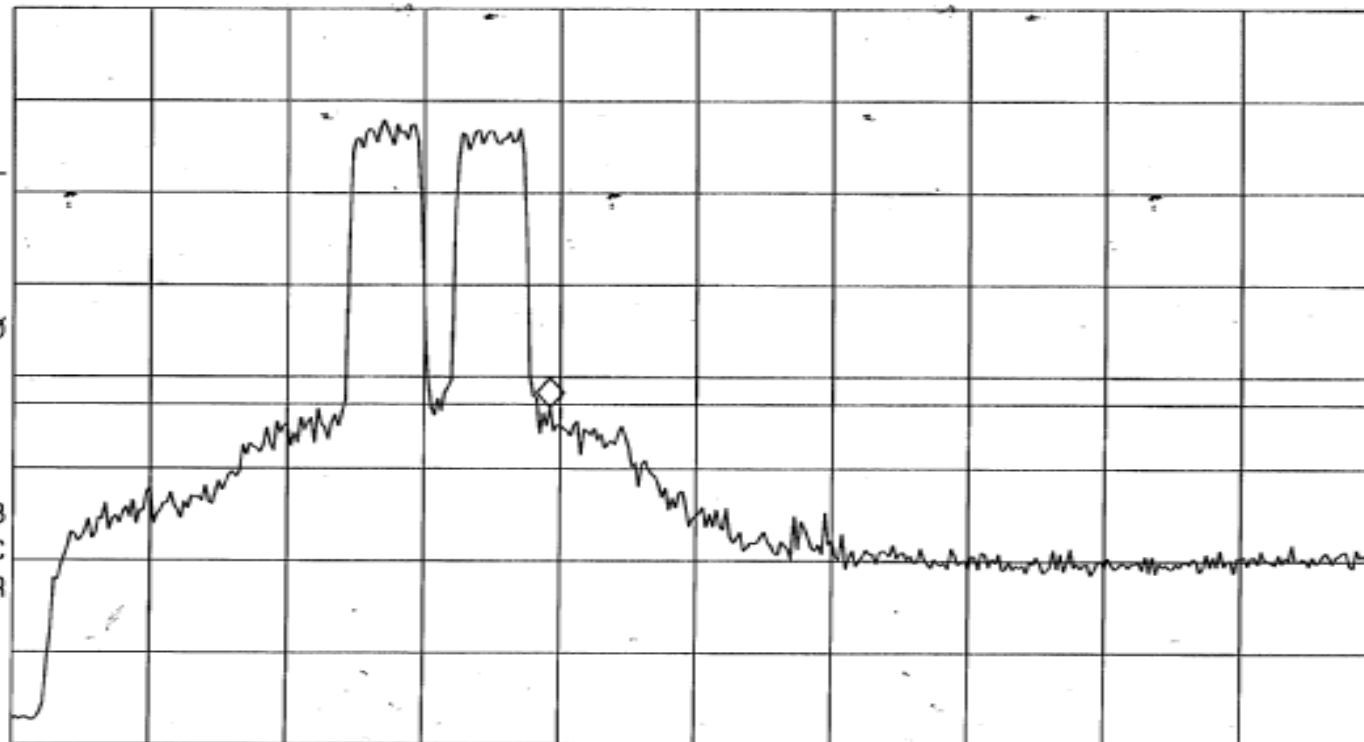
-13.0

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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EMISSIONS DATA SHEET

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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		

11:40:29 SEP 12, 2006

REF 30.0 dBm

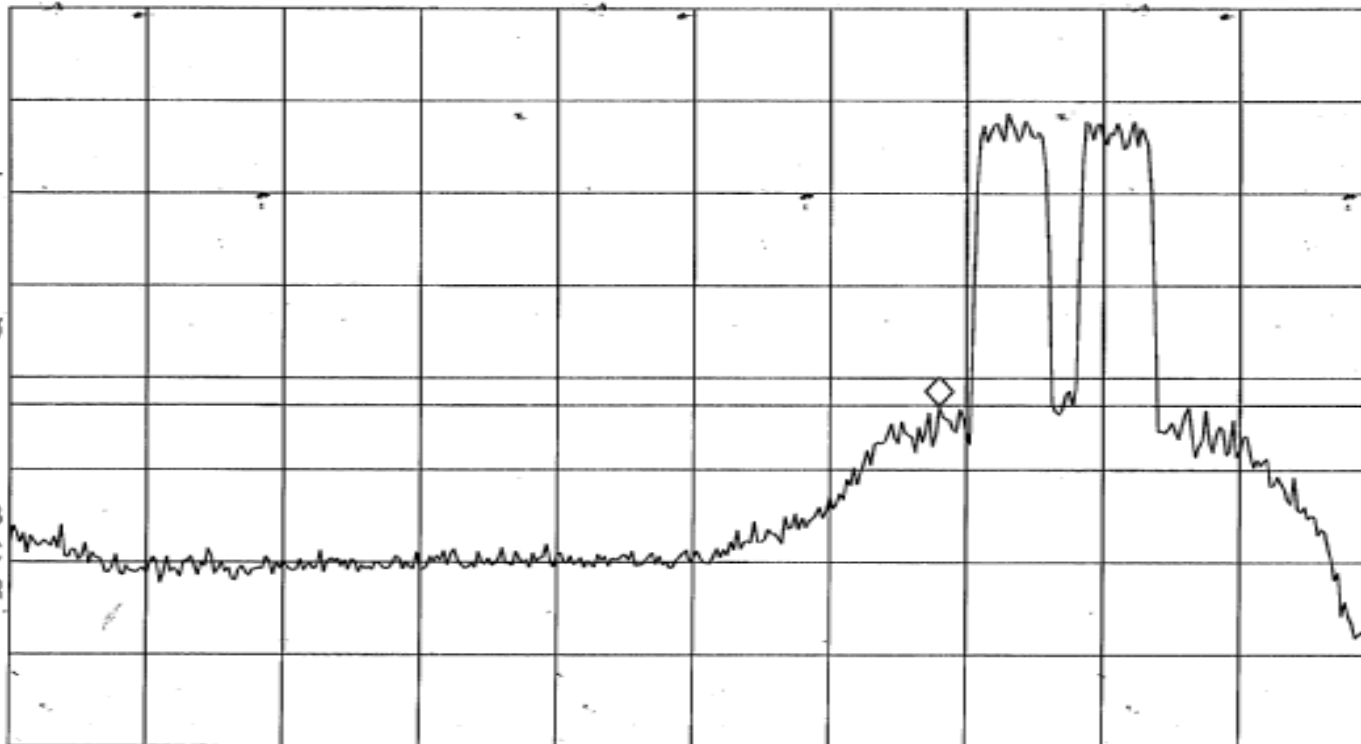
AT 10 dB

MKR 886.68 MHz

-13.05 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-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		
Job No:	R-4681N-1		Technician:
		M.Seamans	Date:
		9/12/2006	

11:40:03 SEP 12, 2006

REF 30.0 dBm

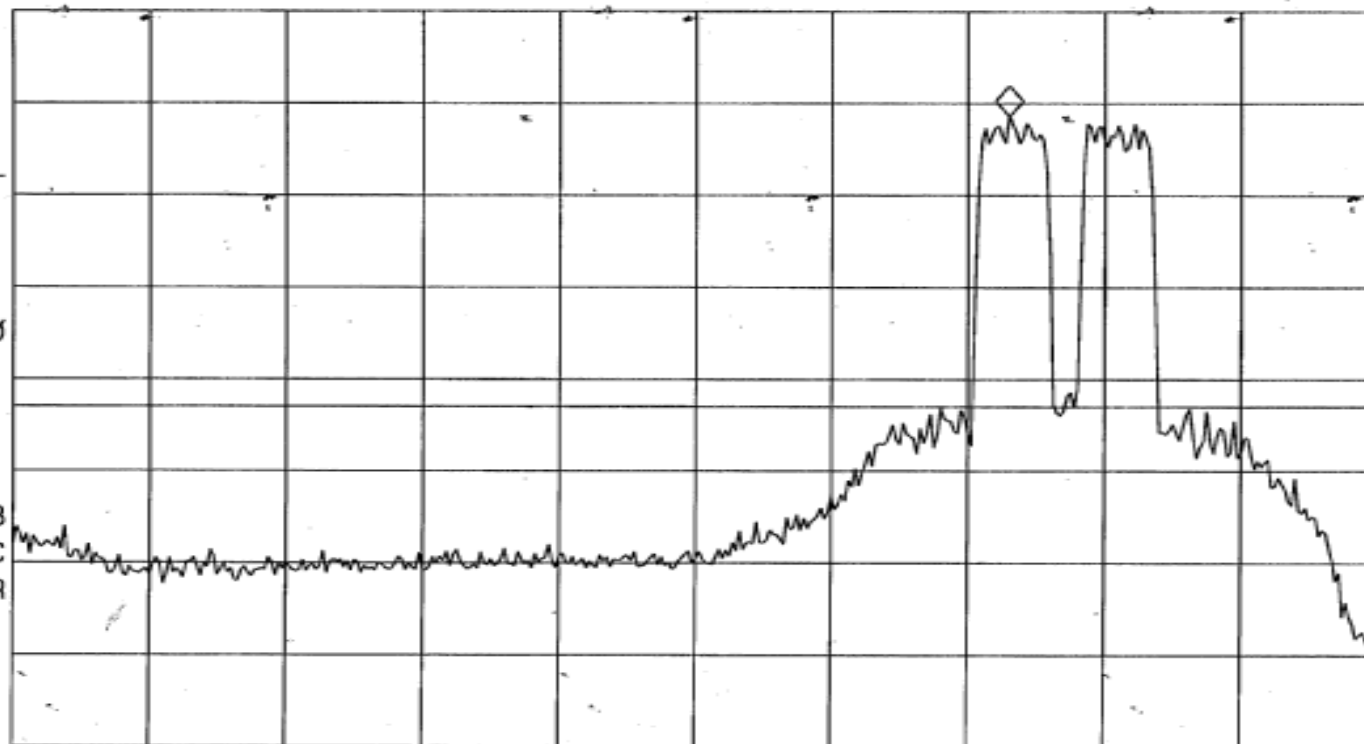
AT 10 dB

MKR 887.98 MHz

18.67 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-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		

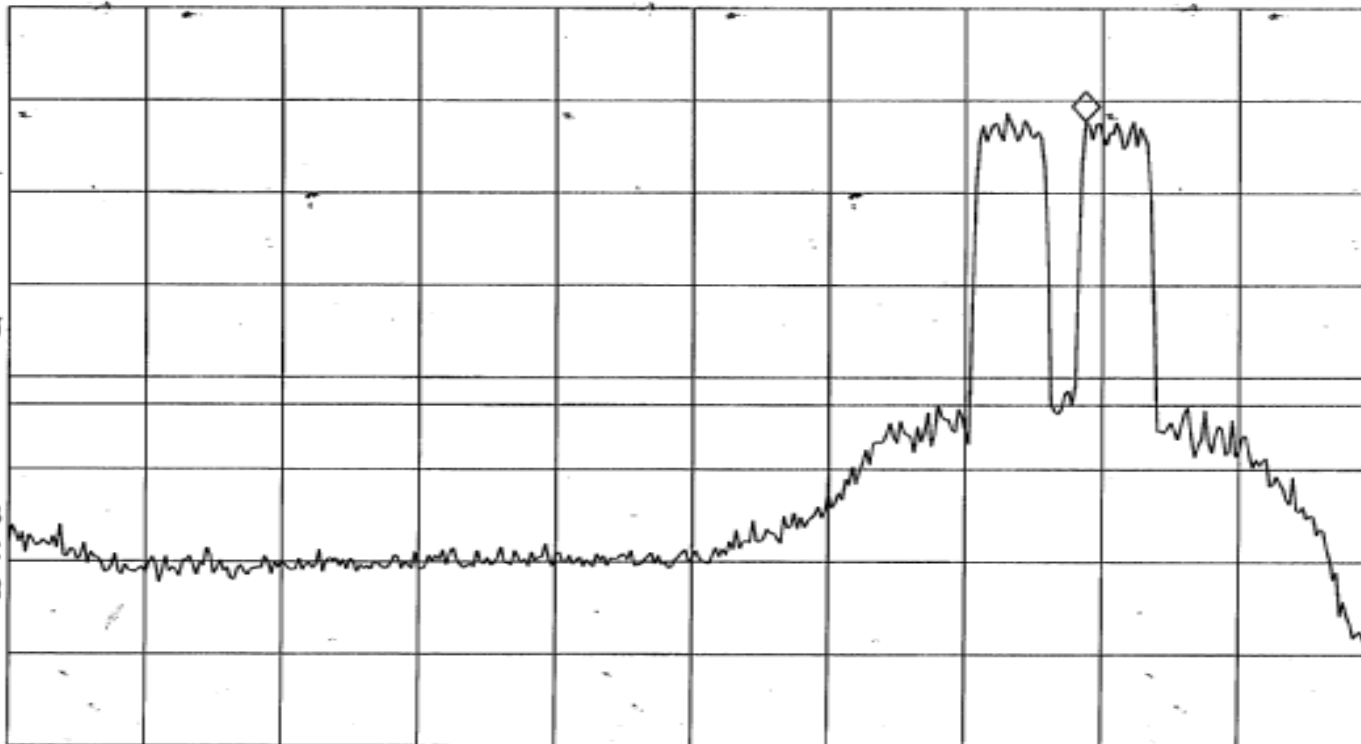
11:39:50 SEP 12, 2006

MKR 889.48 MHz
17.82 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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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - CDMA - Downlink		

11:39:41 SEP 12, 2006

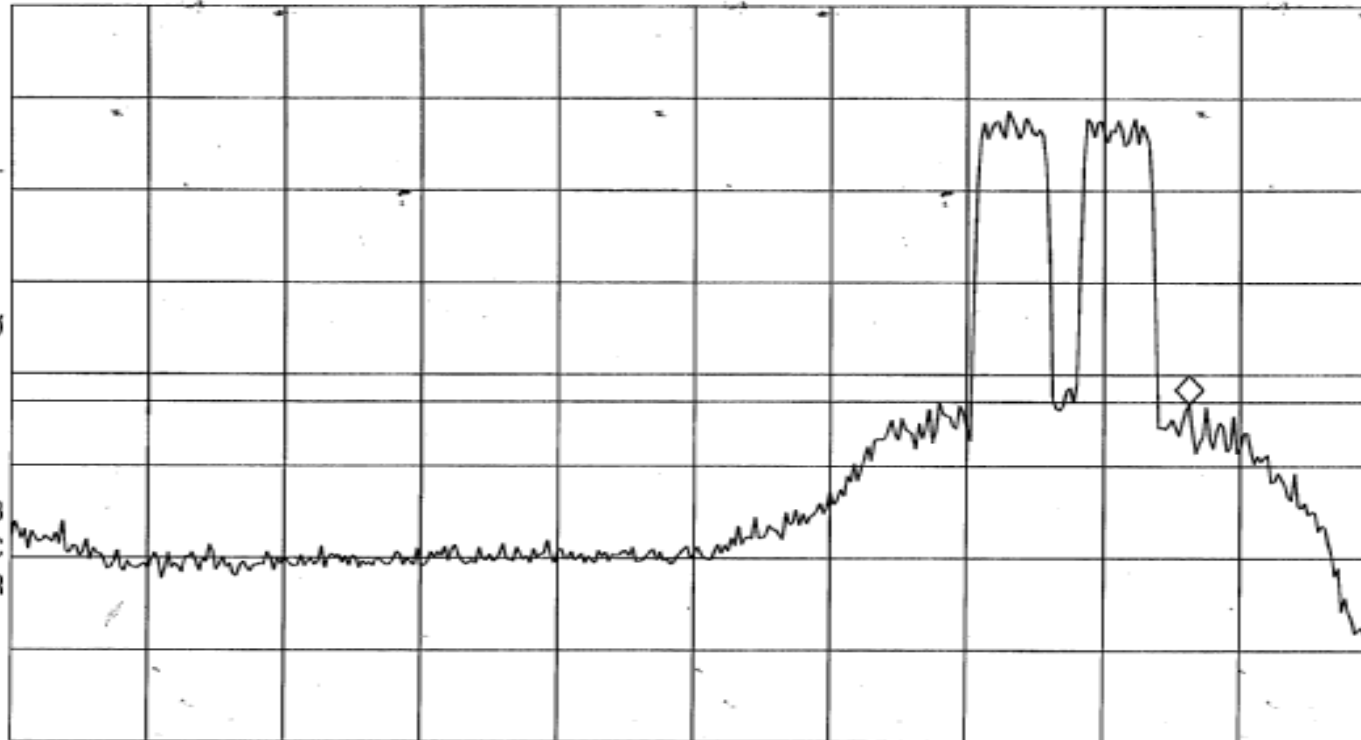
MKR 891.43 MHz
-13.26 dBm

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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Model No:	CSI-DSP85-1W-C	Serial No:	ENG060007
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - GSM - Downlink		

10:50:01 SEP 12, 2006

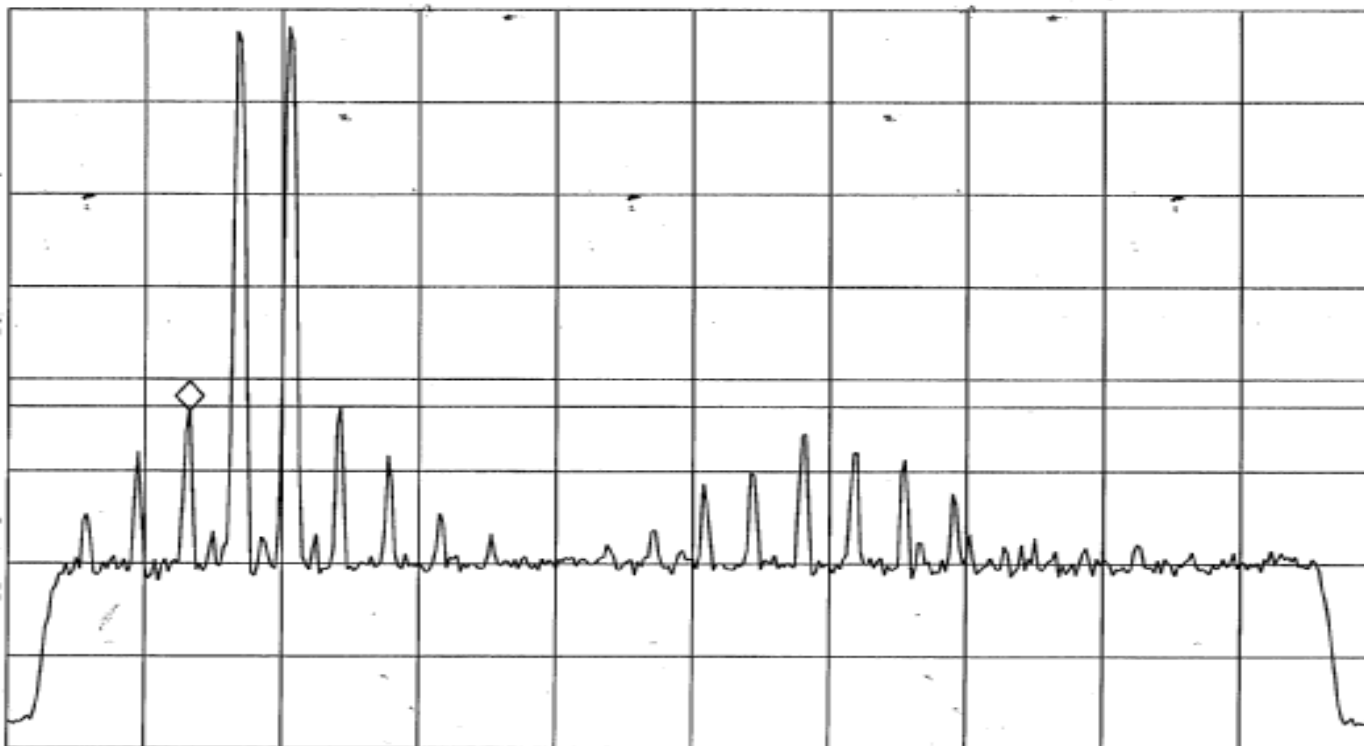
MKR 871.60 MHz
-13.48 dBm

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 895.19 MHz

SWP 90.6 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - GSM - Downlink		

10:51:03 SEP 12, 2006

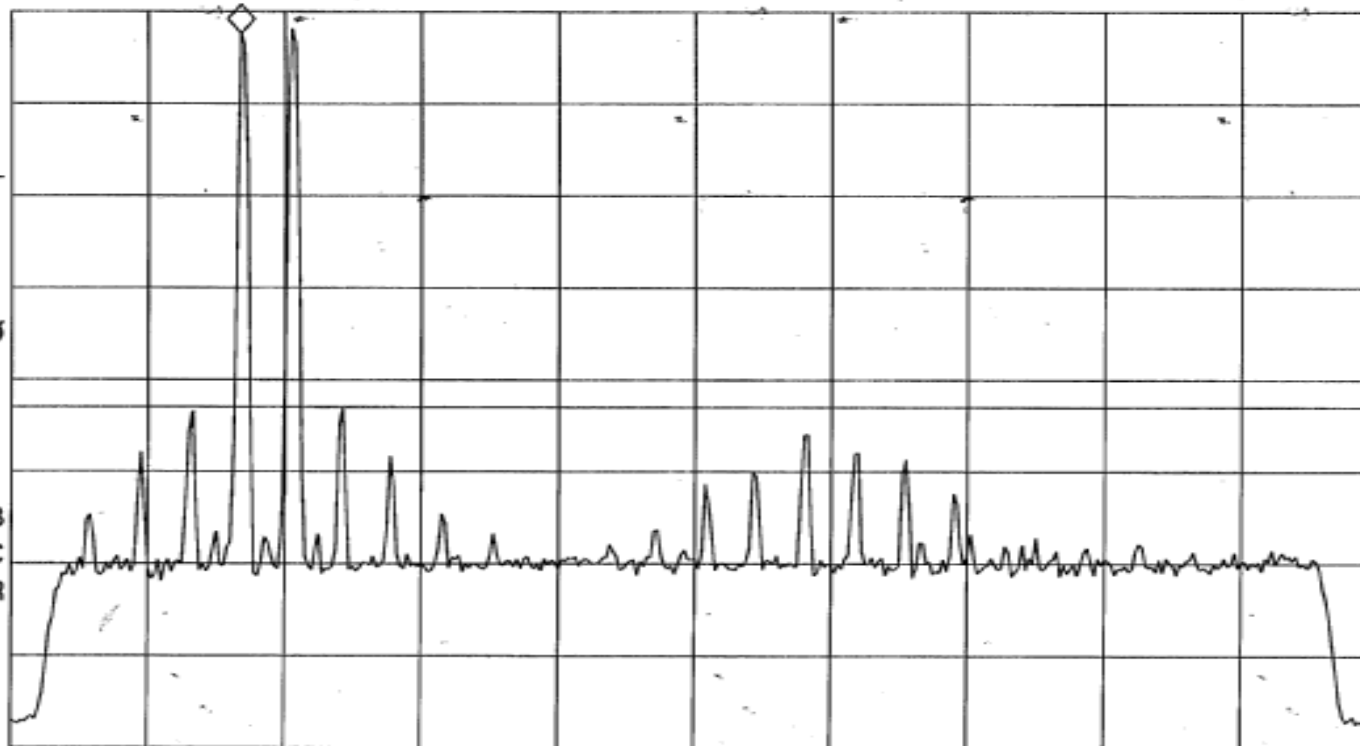
MKR 872.55 MHz
27.60 dBm

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 895.19 MHz

SWP 90.6 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/12/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - GSM - Downlink		

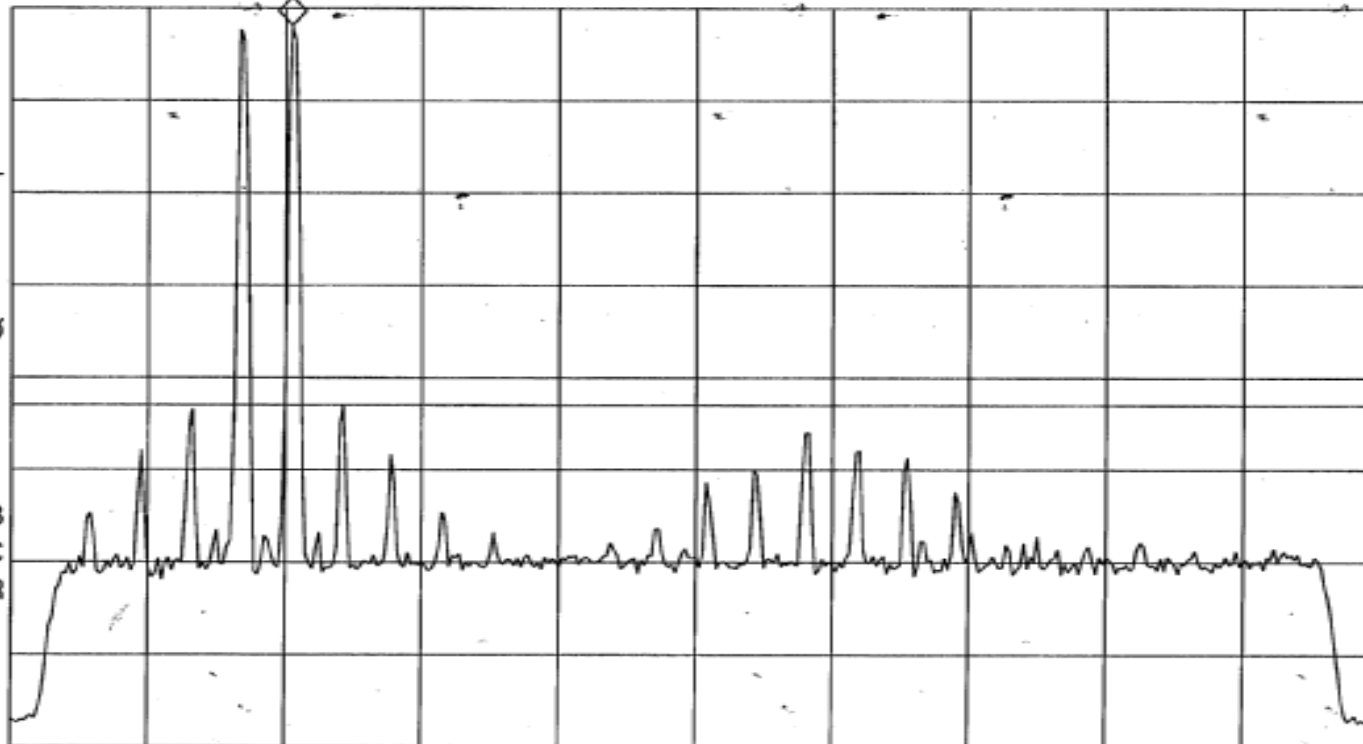
10:51:27 SEP 12, 2006

MKR 873.57 MHz
28.10 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 895.19 MHz
SWP 90.6 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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

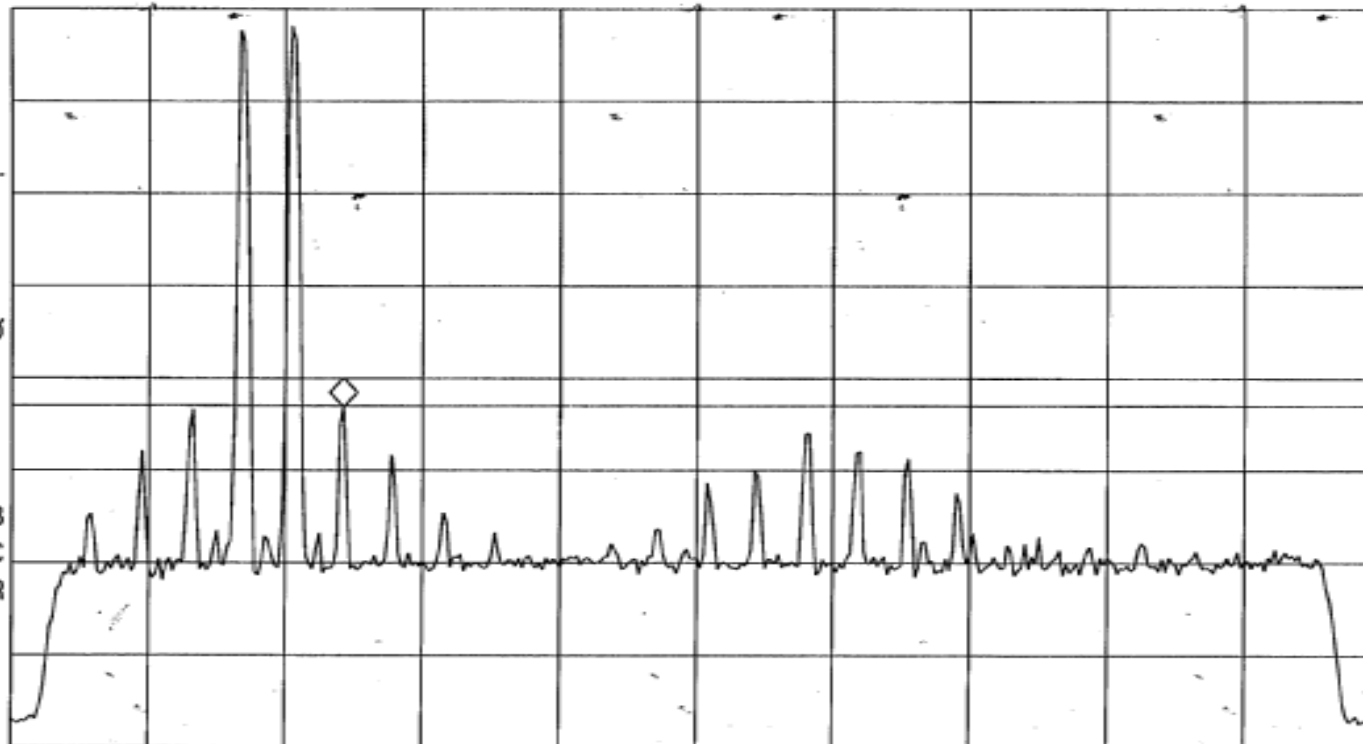
10:51:34 SEP 12, 2006

MKR 874.59 MHz
-13.15 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 895.19 MHz

SWP 90.6 msec

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Operating Mode:	Amplifying input signal		
Notes:	Amps Band - GSM - Downlink		
Job No:	R-4681N-1		Technician:
		M.Seamans	9/12/2006

11:00:00 SEP 12, 2006

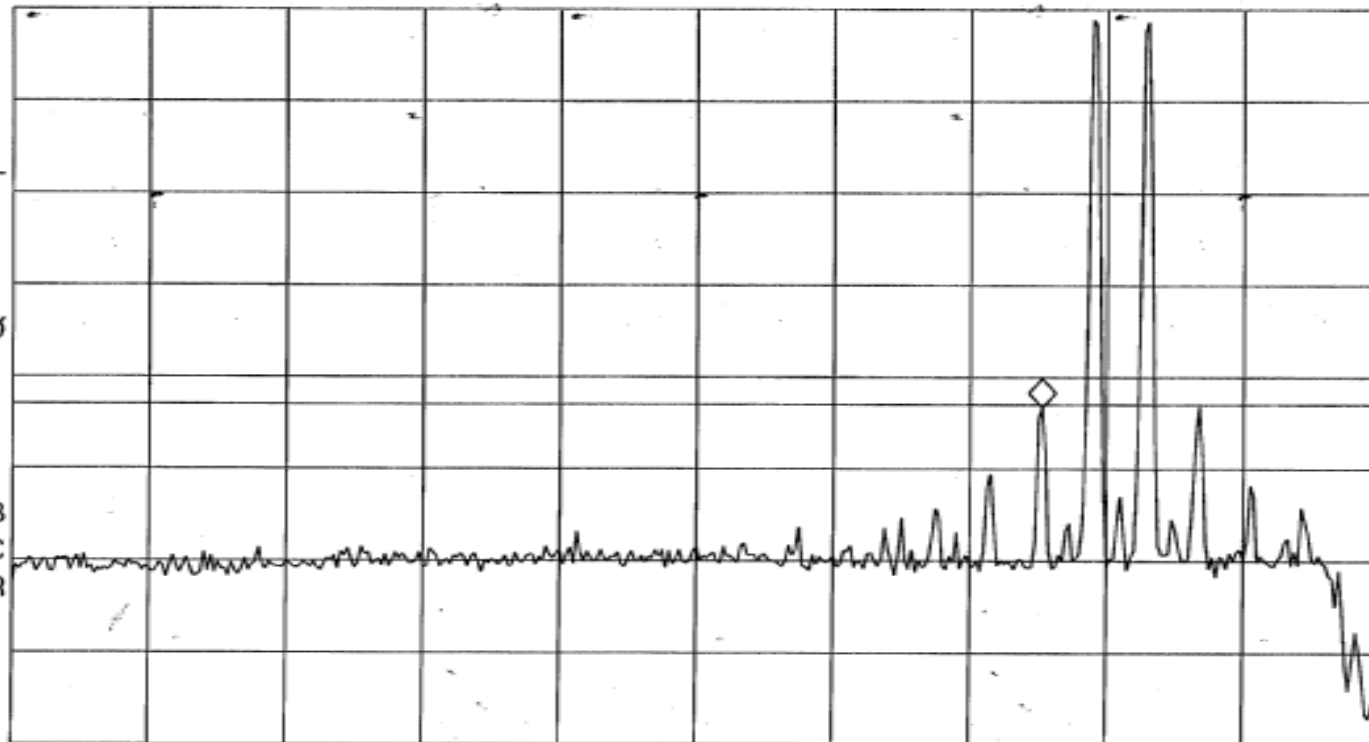
REF 30.0 dBm

AT 10 dB

MKR 888.57 MHz
-13.31 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