

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - GSM - Downlink		
Job No:	R-4560N		Technician:
		M.Seamans	Date:
		9/28/2006	

14:30:49 SEP 28, 2006

REF 30.0 dBm

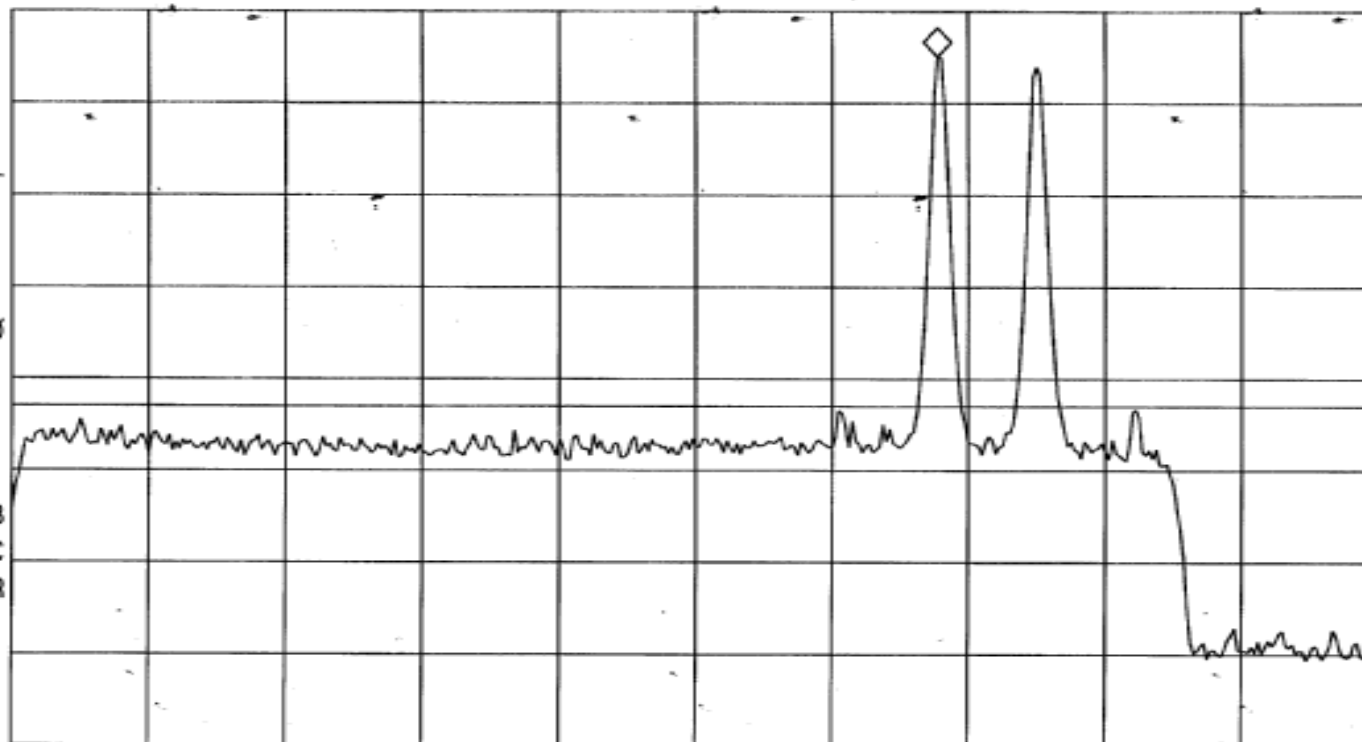
AT 10 dB

MKR 1.97743 GHz

25.04 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

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Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - GSM - Downlink		

14:31:04 SEP 28, 2006

REF 30.0 dBm

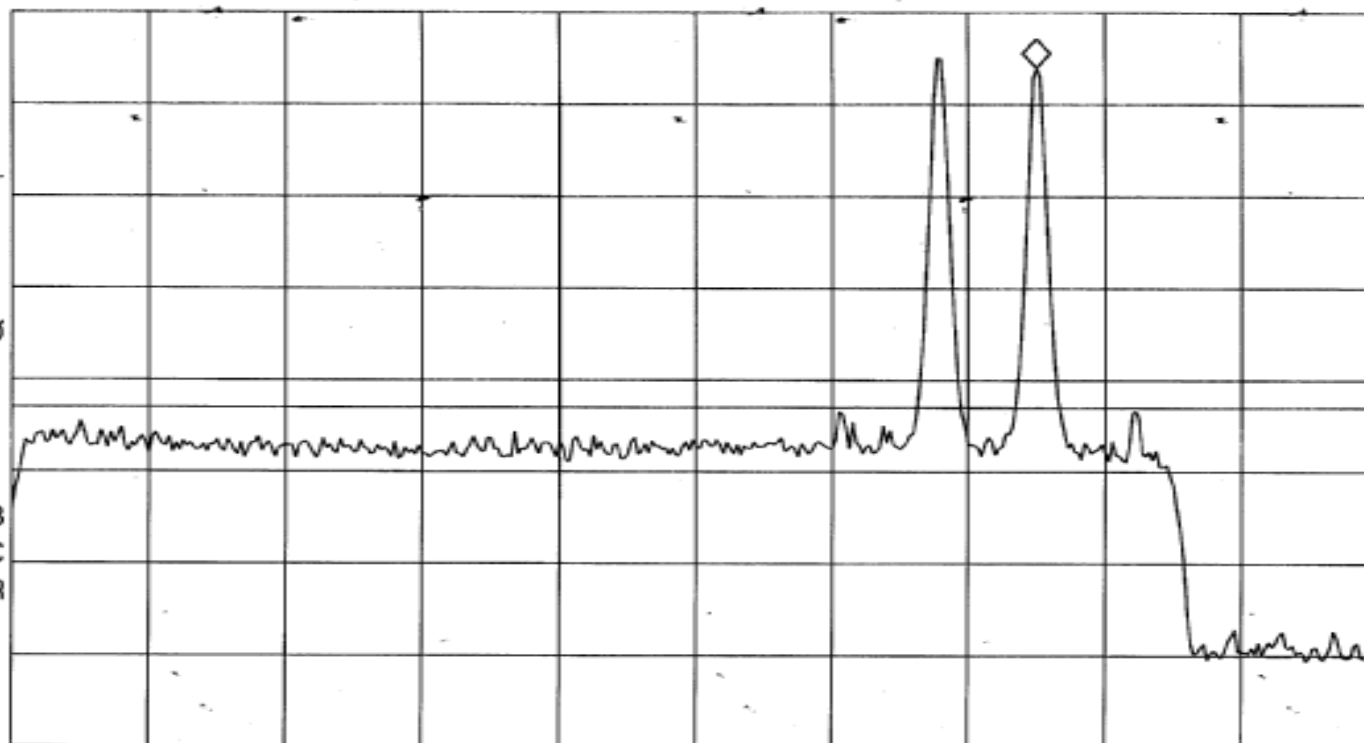
AT 10 dB

MKR 1.98250 GHz

23.98 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

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Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band - GSM - Downlink		
Job No:	R-4560N		Technician:
		M.Seamans	
Date:	9/28/2006		

14: 31: 21 SEP 28, 2006

REF 30.0 dBm

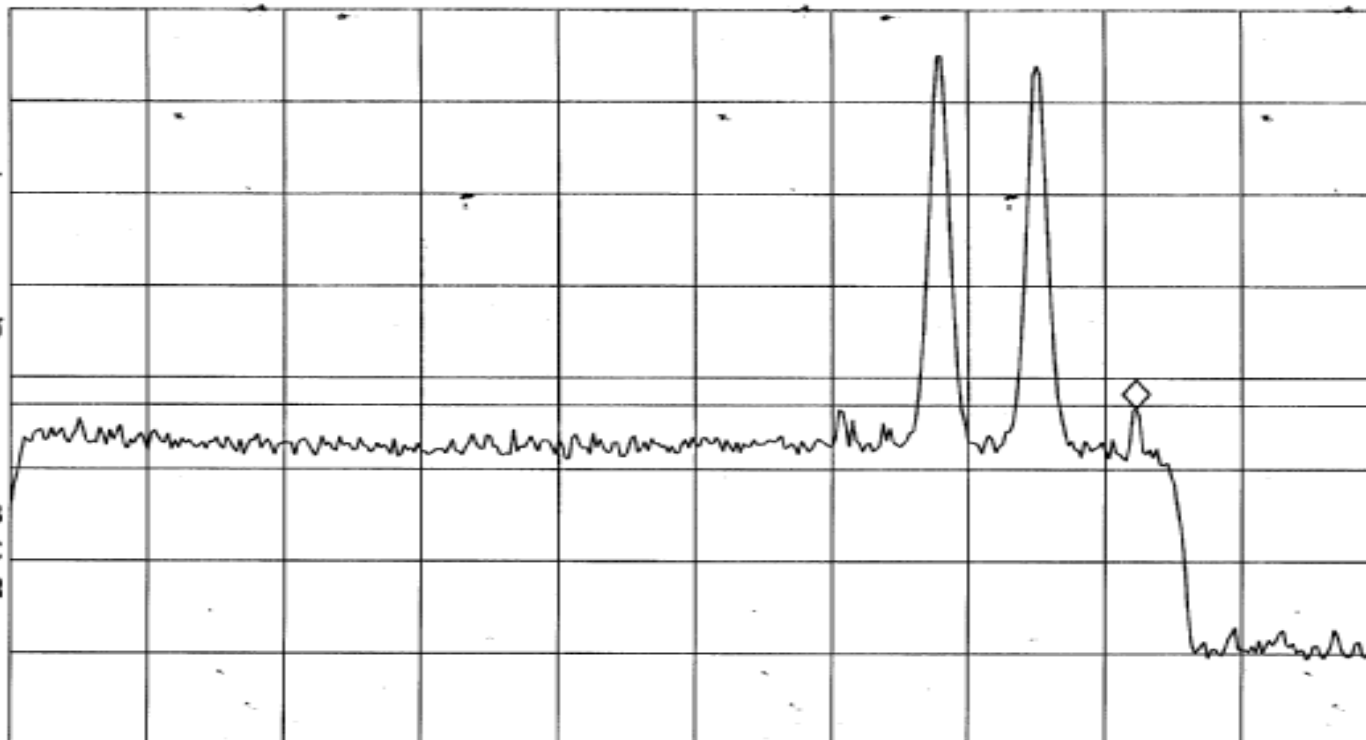
AT 10 dB

MKR 1.98758 GHz

-13.36 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - TDMA - Uplink		

10:52:30 SEP 28, 2006

REF 30.0 dBm

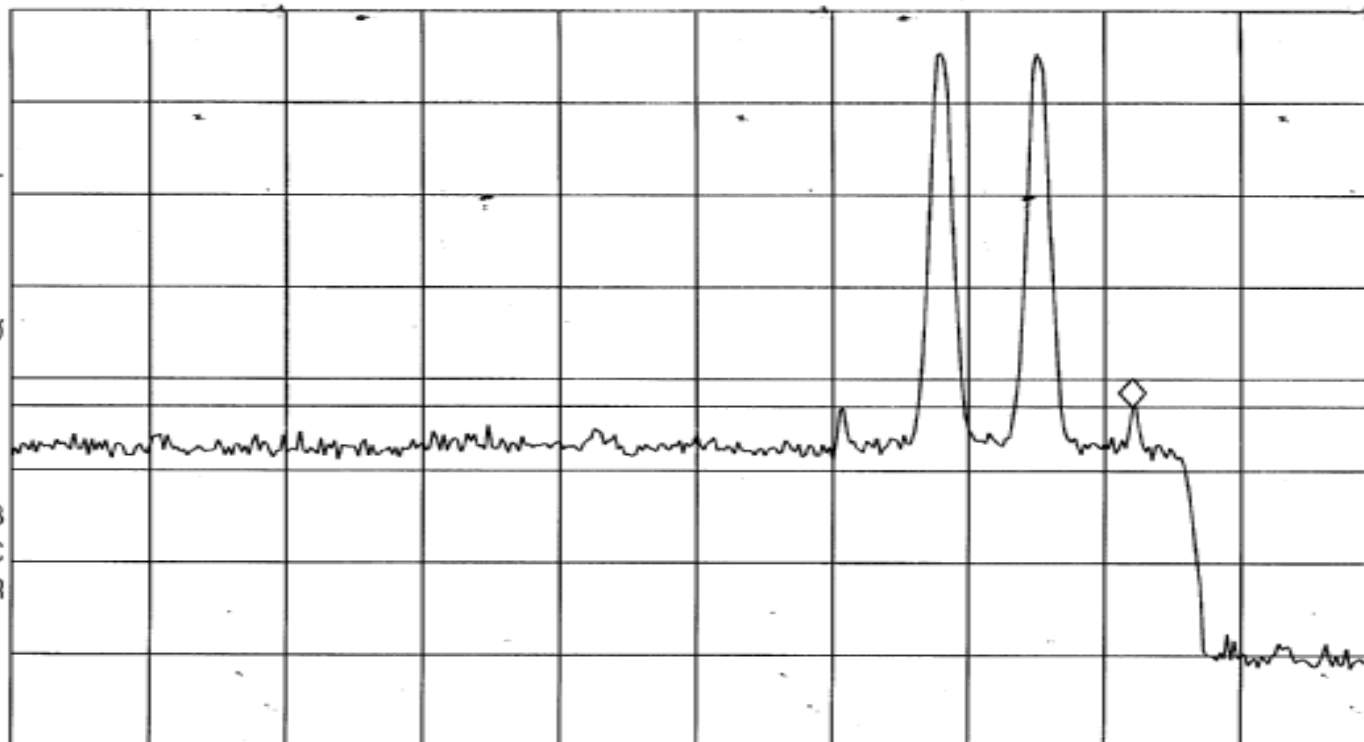
AT 10 dB

MKR 1.90740 GHz

-13.07 dBm

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

VA SB
SC FC
CORR



START 1.85000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.92000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - TDMA - Uplink		

10: 48: 56 SEP 28, 2006

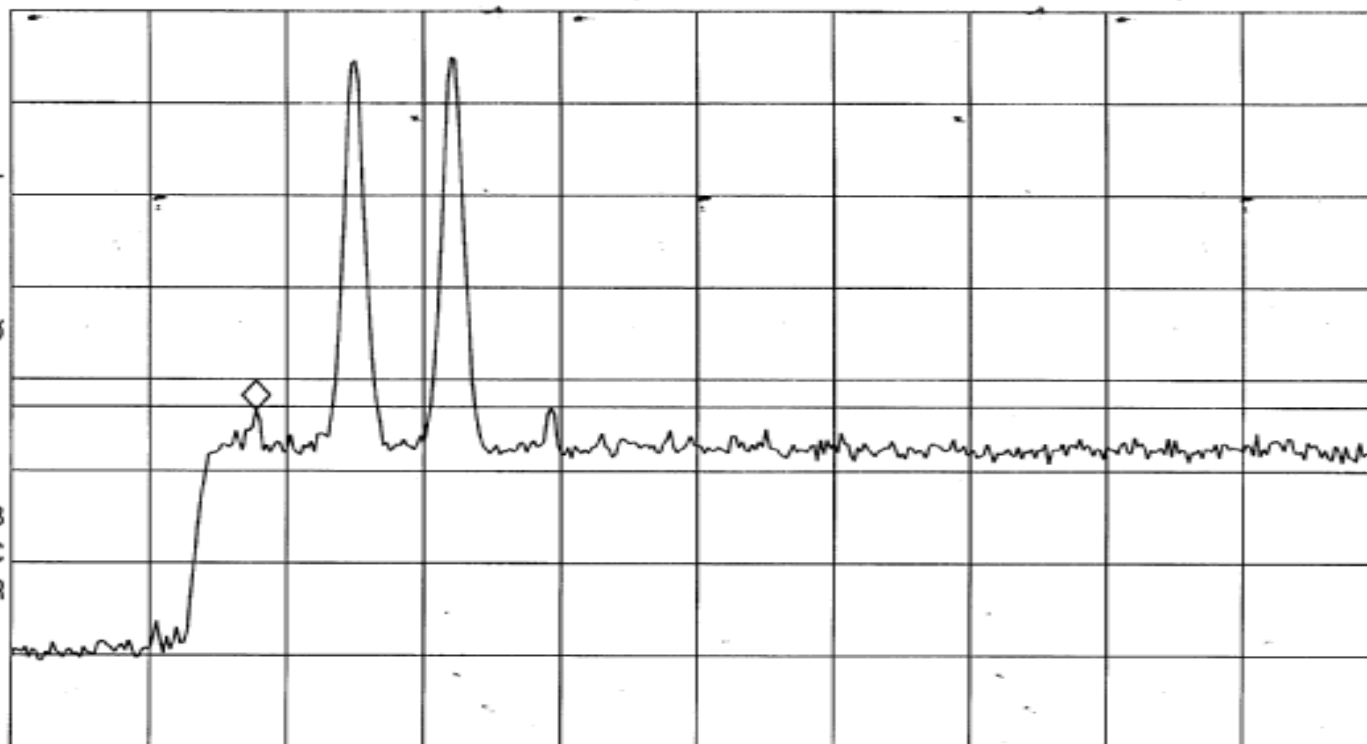
REF 30.0 dBm

AT 10 dB

MKR 1.85243 GHz
-13.35 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

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Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - TDMA - Uplink		
Job No:	R-4560N	Technician:	M.Seamans
Date:	9/28/2006		

10:48:46 SEP 28, 2006

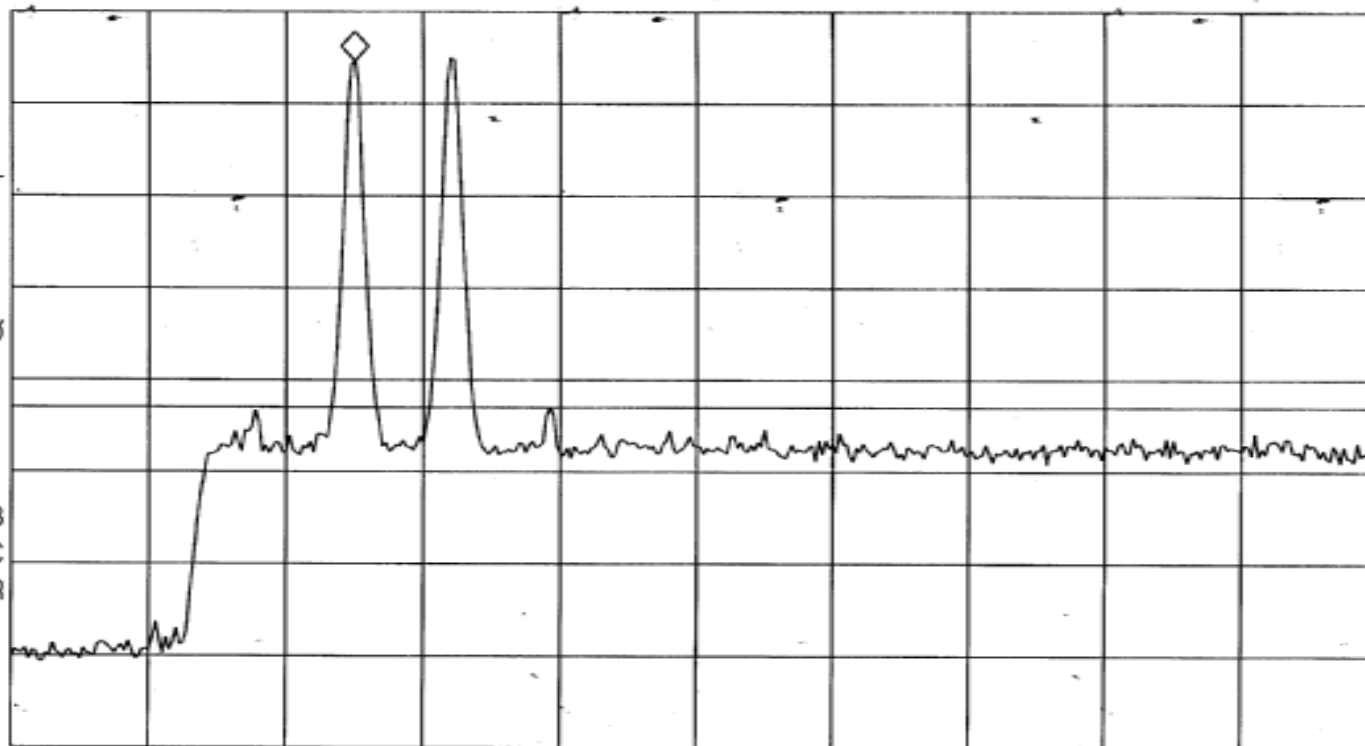
REF 30.0 dBm

AT 10 dB

MKR 1.85750 GHz
24.62 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 KHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
	PCS Band - TDMA - Uplink		

10:47:13 SEP 28, 2006

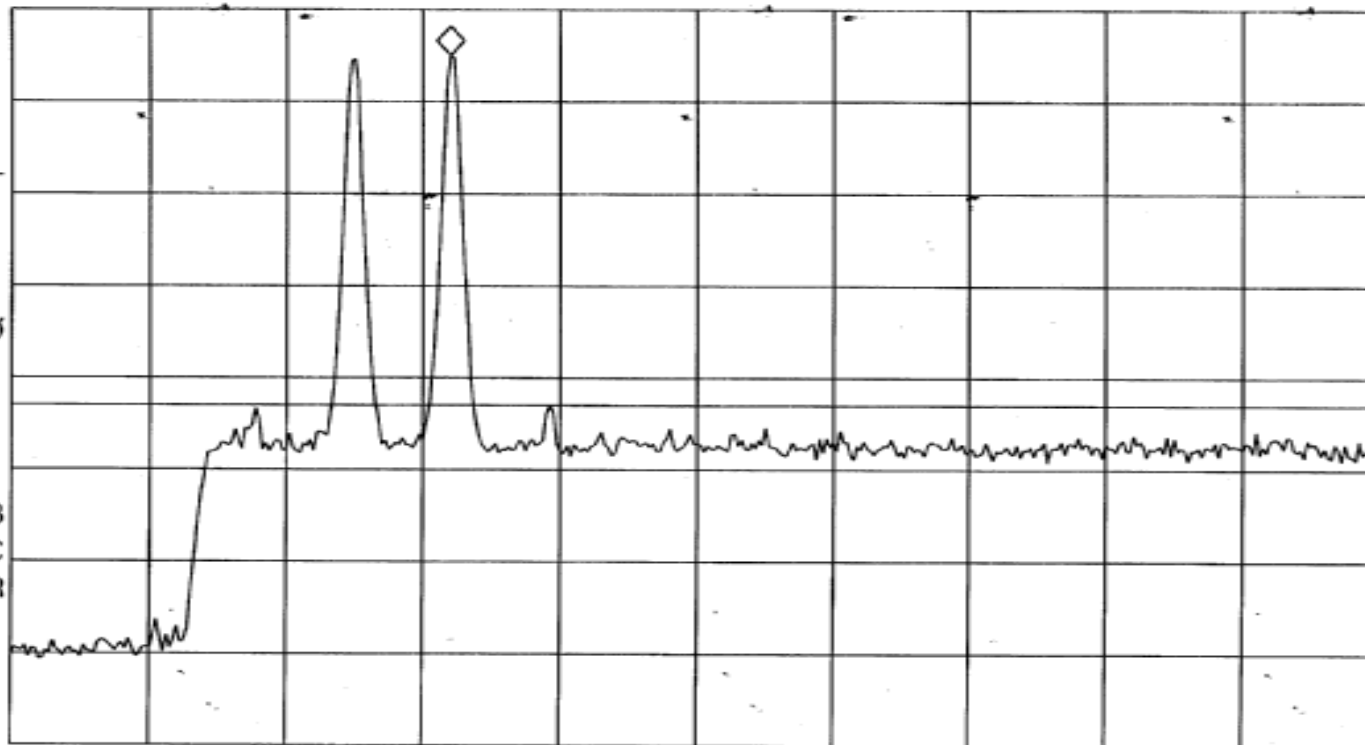
REF 30.0 dBm

AT 10 dB

MKR 1.86240 GHz
24.99 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - TDMA - Uplink		

10:46:56 SEP 28, 2006

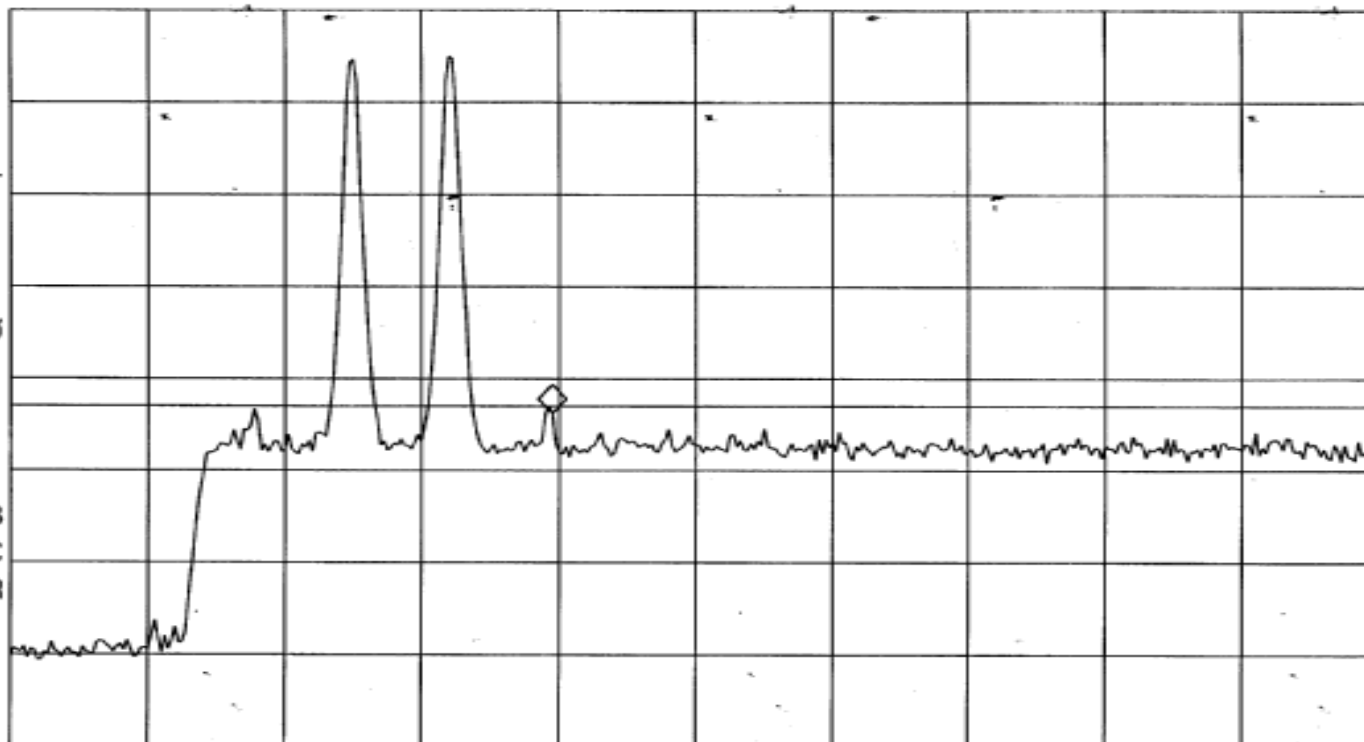
REF 30.0 dBm

AT 10 dB

MKR 1.86765 GHz
-13.82 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - TDMA - Uplink		

10:54:07 SEP 28, 2006

REF 30.0 dBm

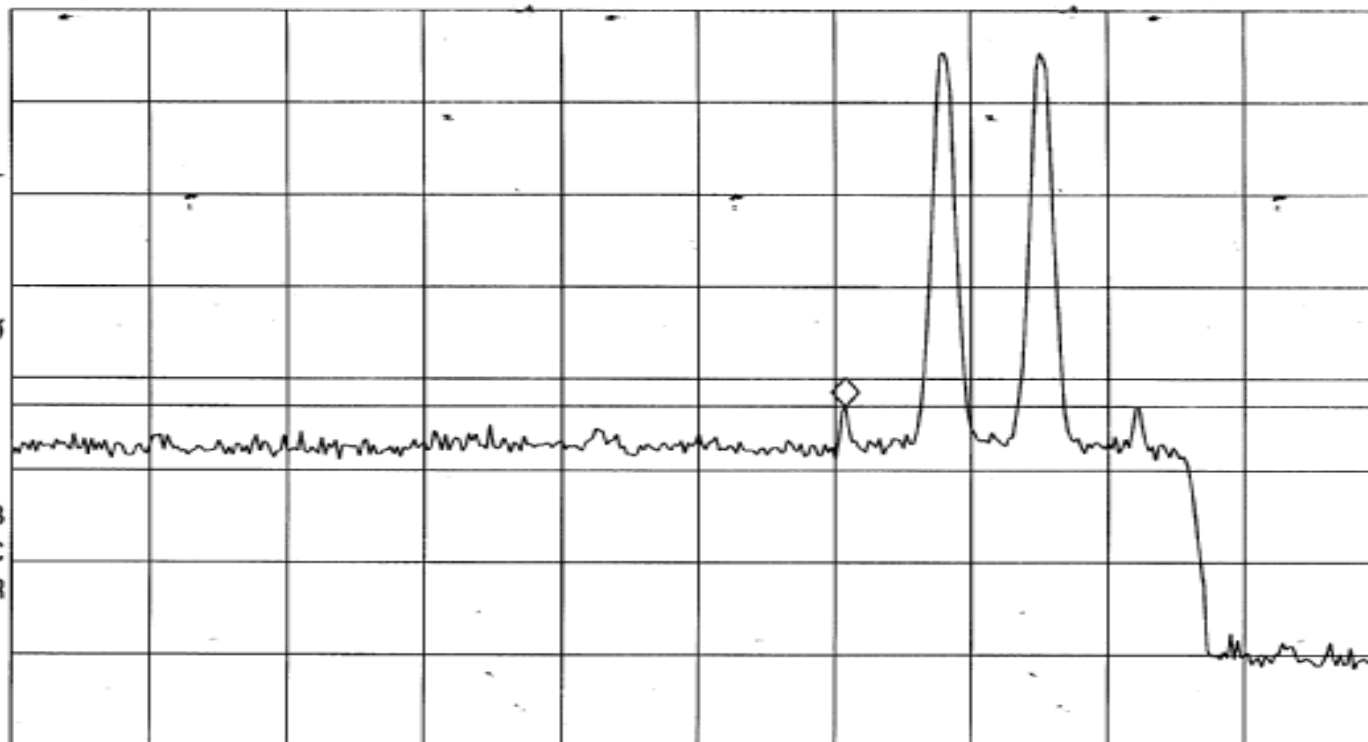
AT 10 dB

MKR 1.89253 GHz

-13.06 dBm

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

VA SB
SC FC
CORR



START 1.85000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.92000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	PCS Band - TDMA - Uplink		

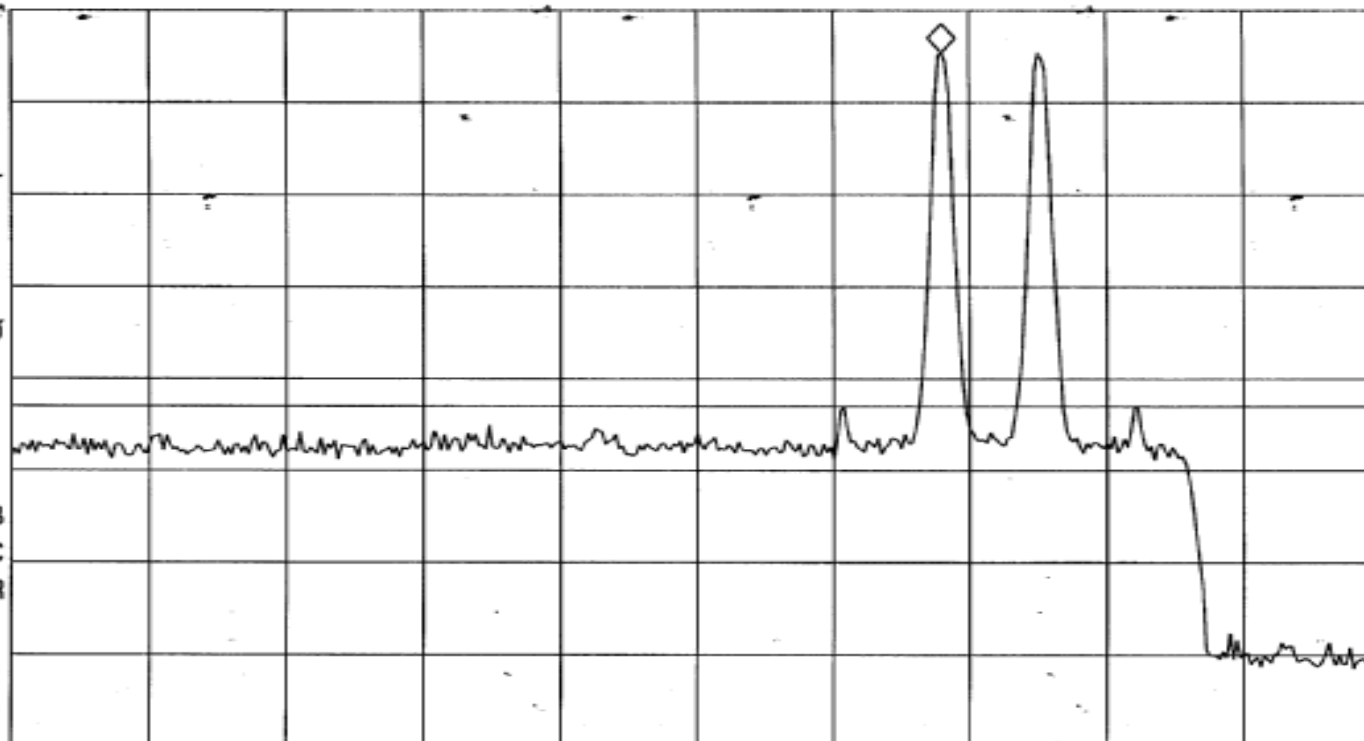
10:54:00 SEP 28, 2006

MKR 1.89760 GHz
25.40 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 1.85000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.92000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		
Job No:	R-4560N		Technician:
		M.Seamans	
Date:	9/28/2006		

10:52:39 SEP 28, 2006

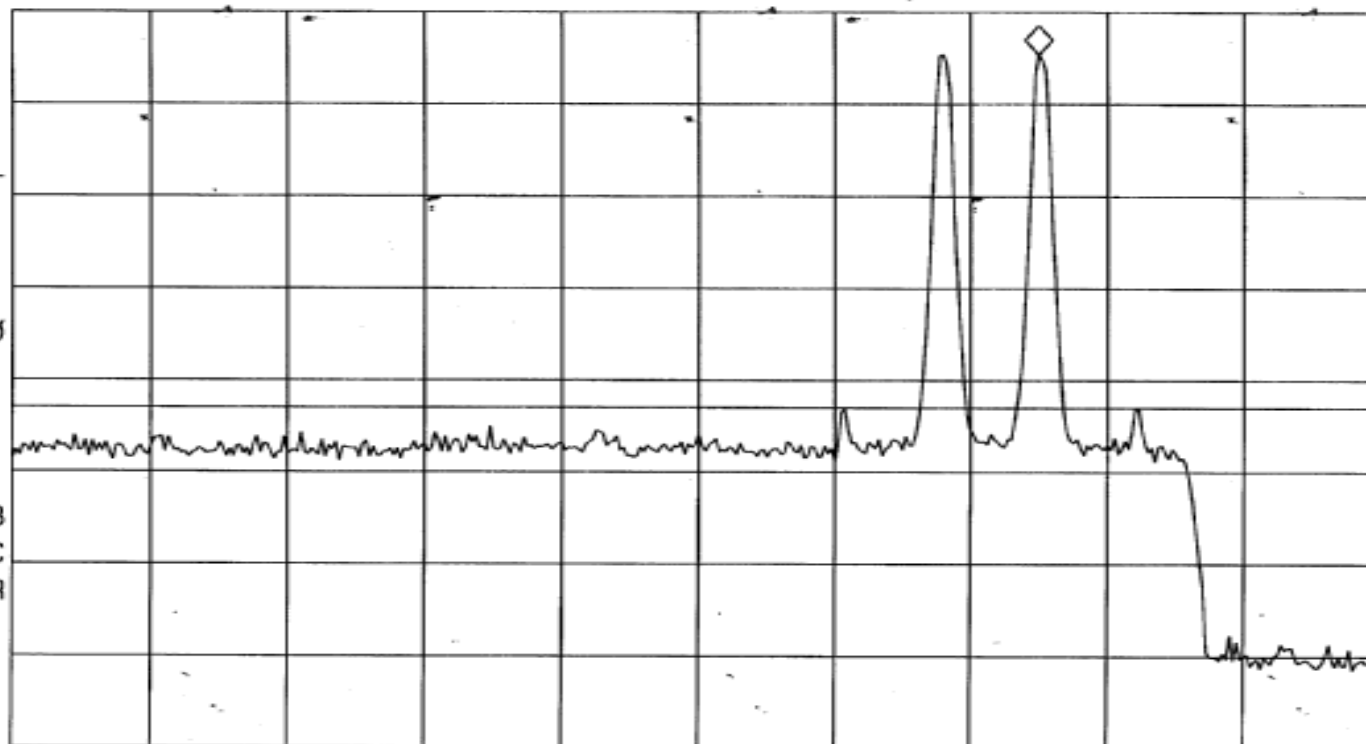
REF 30.0 dBm

AT 10 dB

MKR 1.90250 GHz
25.37 dBm

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

VA SB
SC FC
CORR



START 1.85000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.92000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		

11:29:05 SEP 28, 2006

REF 30.0 dBm

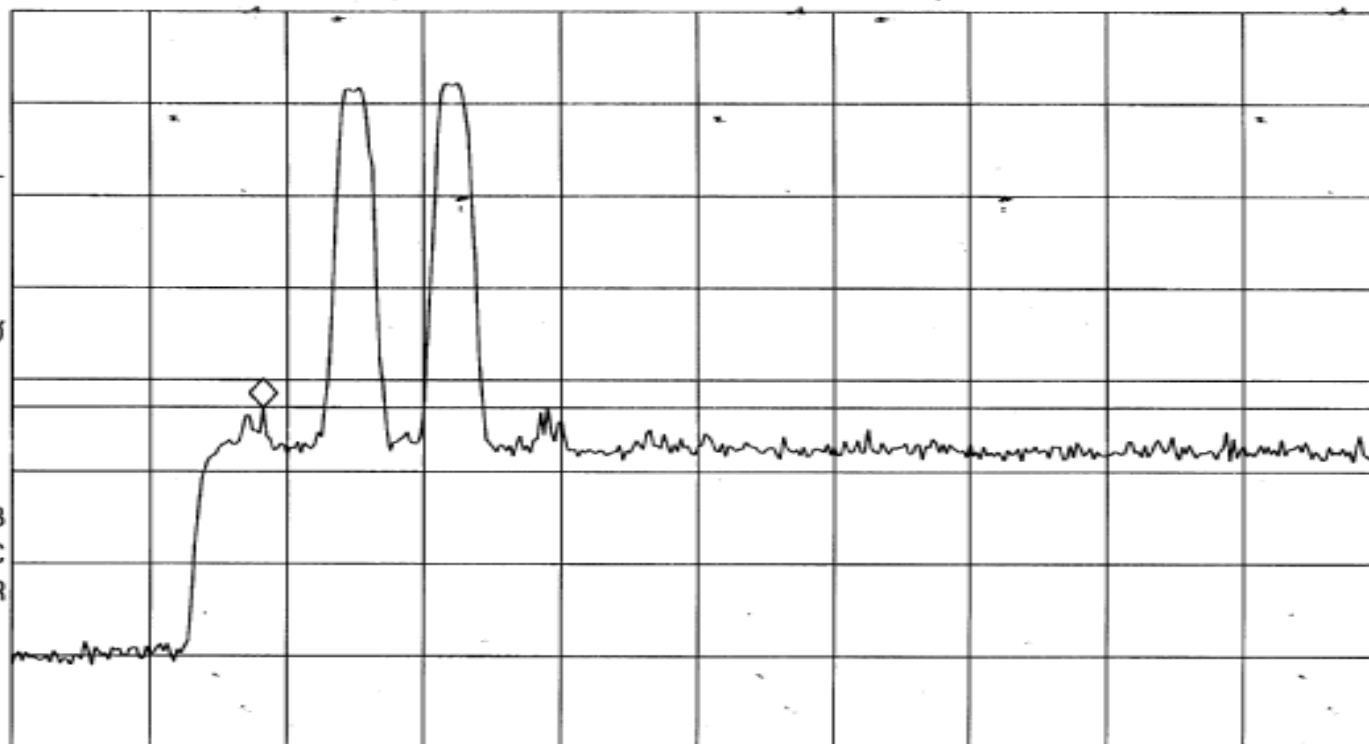
AT 10 dB

MKR 1.85278 GHz

-13.05 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		

11: 28: 58 SEP 28, 2006

REF 30.0 dBm

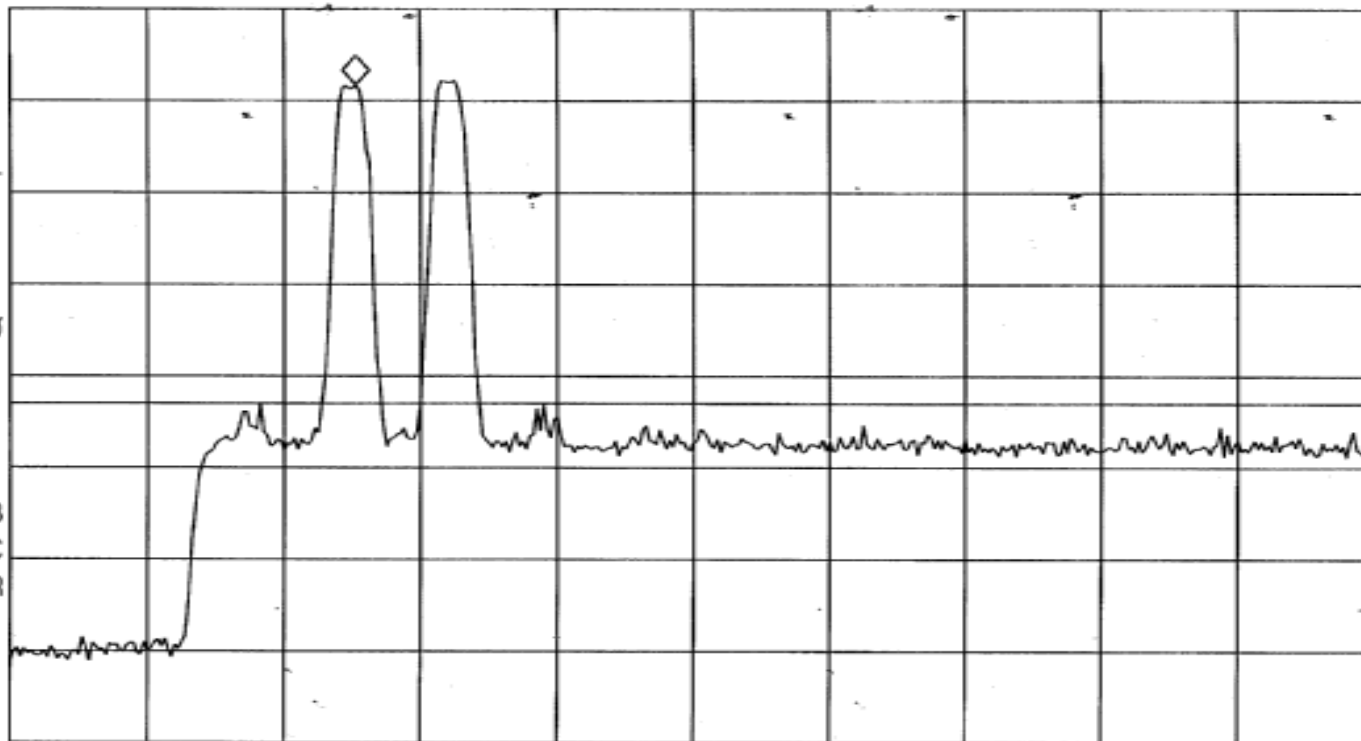
AT 10 dB

MKR 1.85768 GHz

21.73 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		
Job No:	R-4560N		Technician:
		M.Seamans	Date:
		9/28/2006	

11:27:56 SEP 28, 2006

REF 30.0 dBm

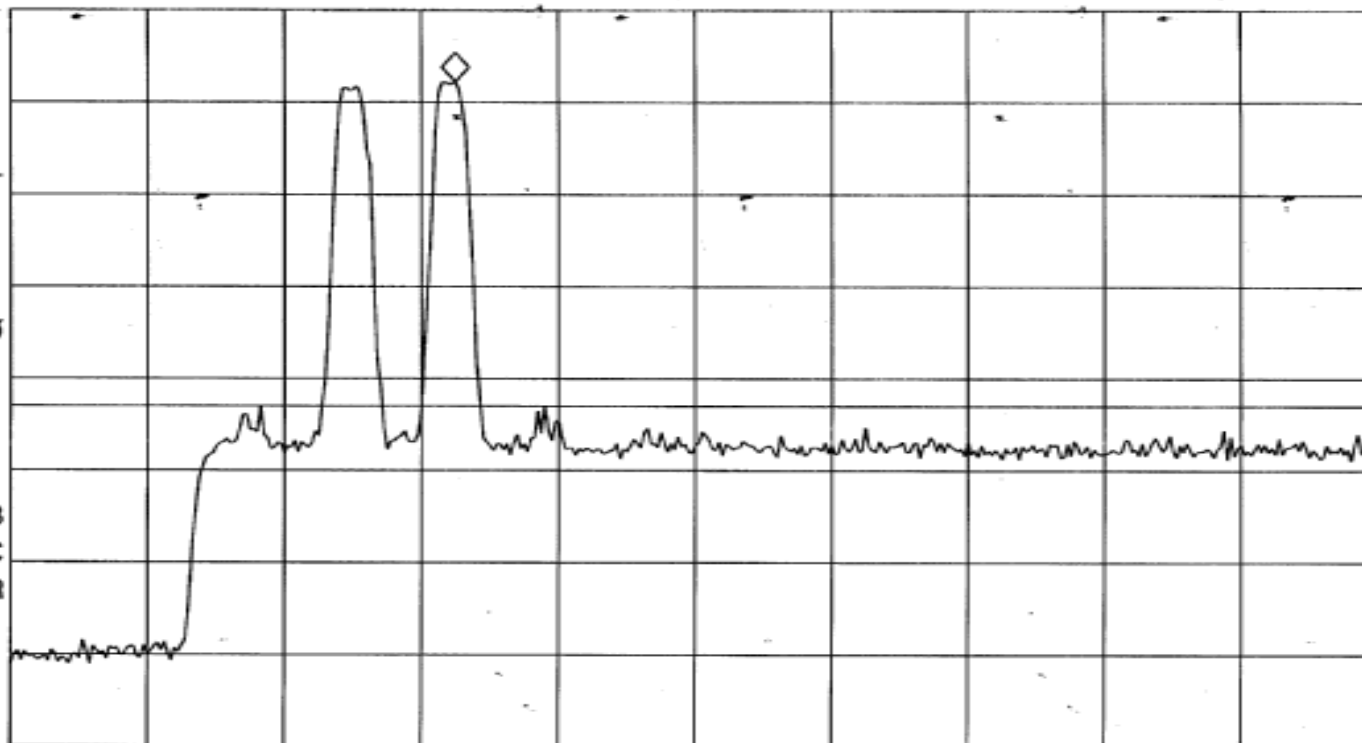
AT 10 dB

MKR 1.86275 GHz

22.20 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		

11:27:48 SEP 28, 2006

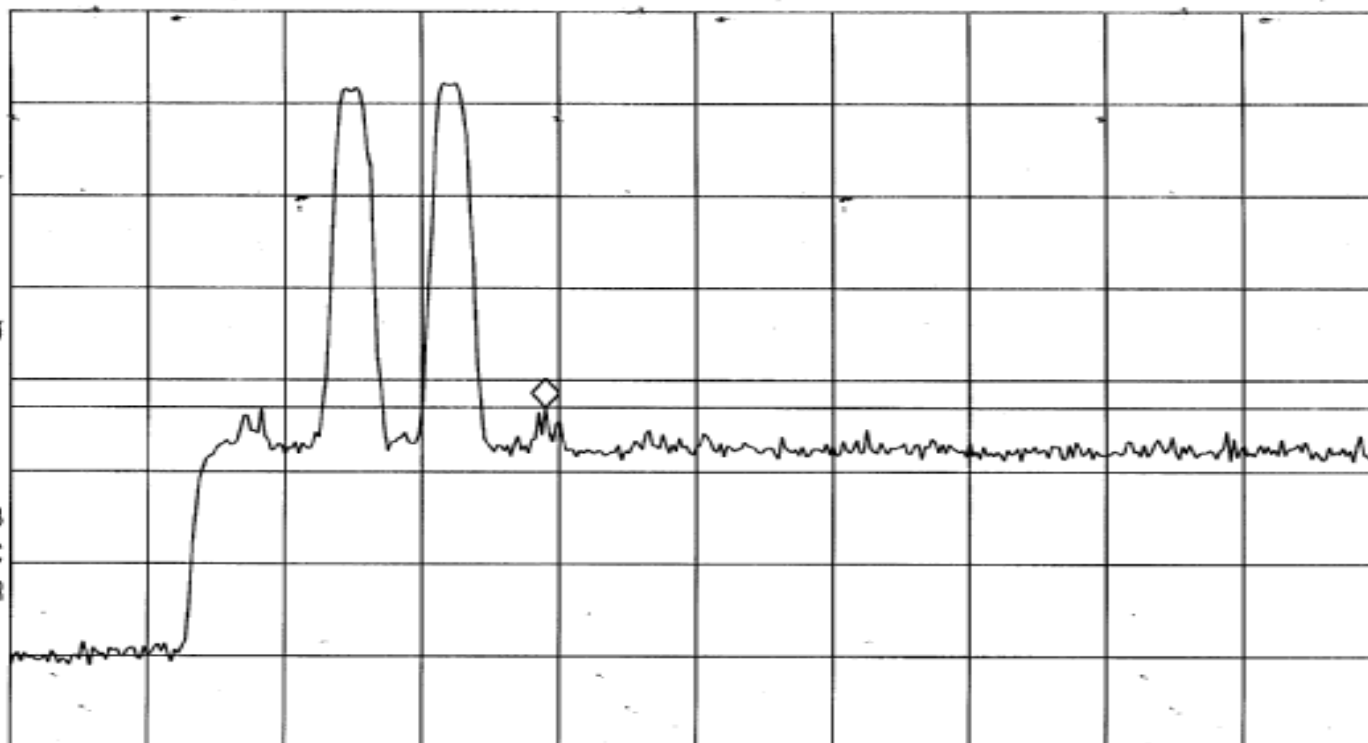
MKR 1.86730 GHz
-13.02 dBm

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 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

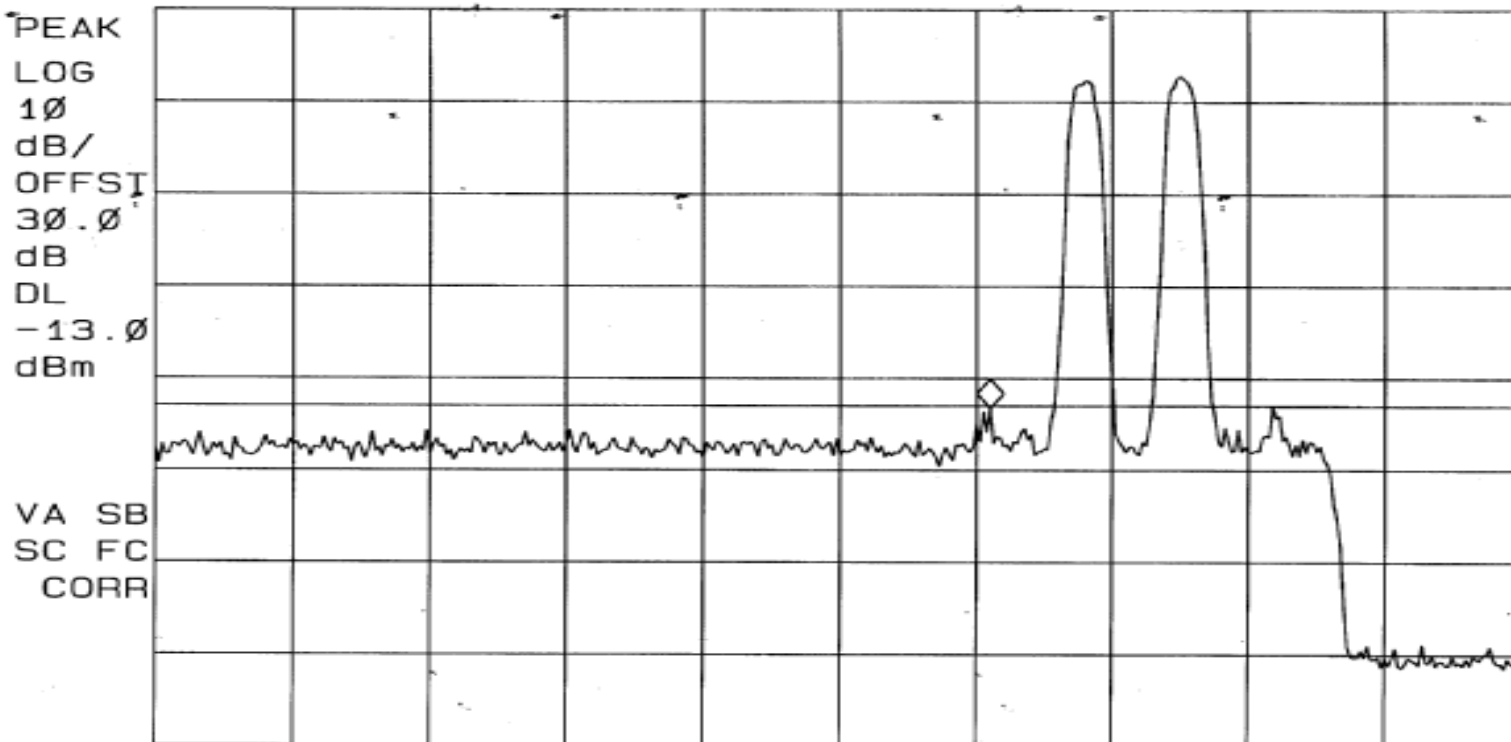
RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		

11:07:45 SEP 28, 2006

REF 30.0 dBm AT 10 dB MKR 1.89270 GHz
-13.24 dBm



START 1.85000 GHz STOP 1.92000 GHz
#RES BW 300 kHz #VBW 1 MHz SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		

11:07:59 SEP 28, 2006

REF 30.0 dBm

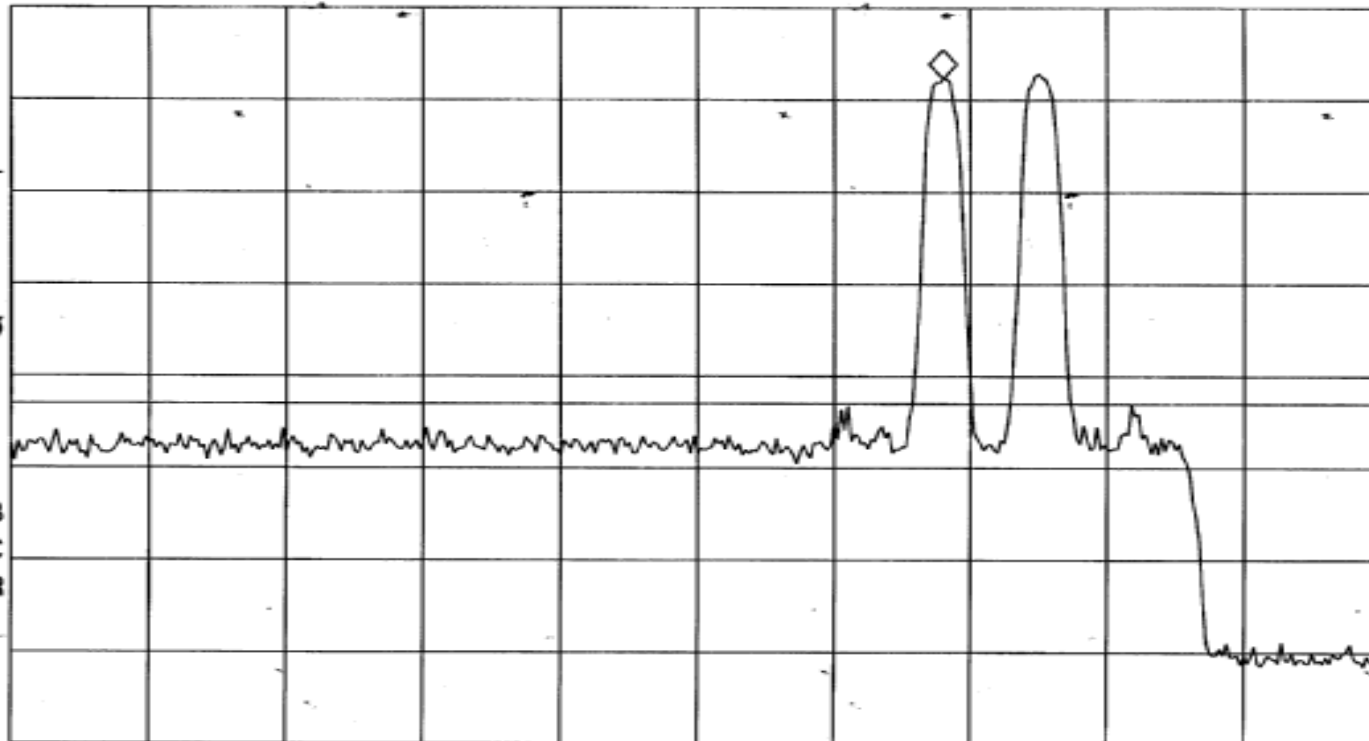
AT 10 dB

MKR 1.89760 GHz

22.28 dBm

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

VA SB
SC FC
CORR



START 1.85000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.92000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		

11:08:18 SEP 28, 2006

REF 30.0 dBm

AT 10 dB

MKR 1.90250 GHz

22.83 dBm

PEAK

LOG

10

dB/

OFFST

30.0

dB

DL

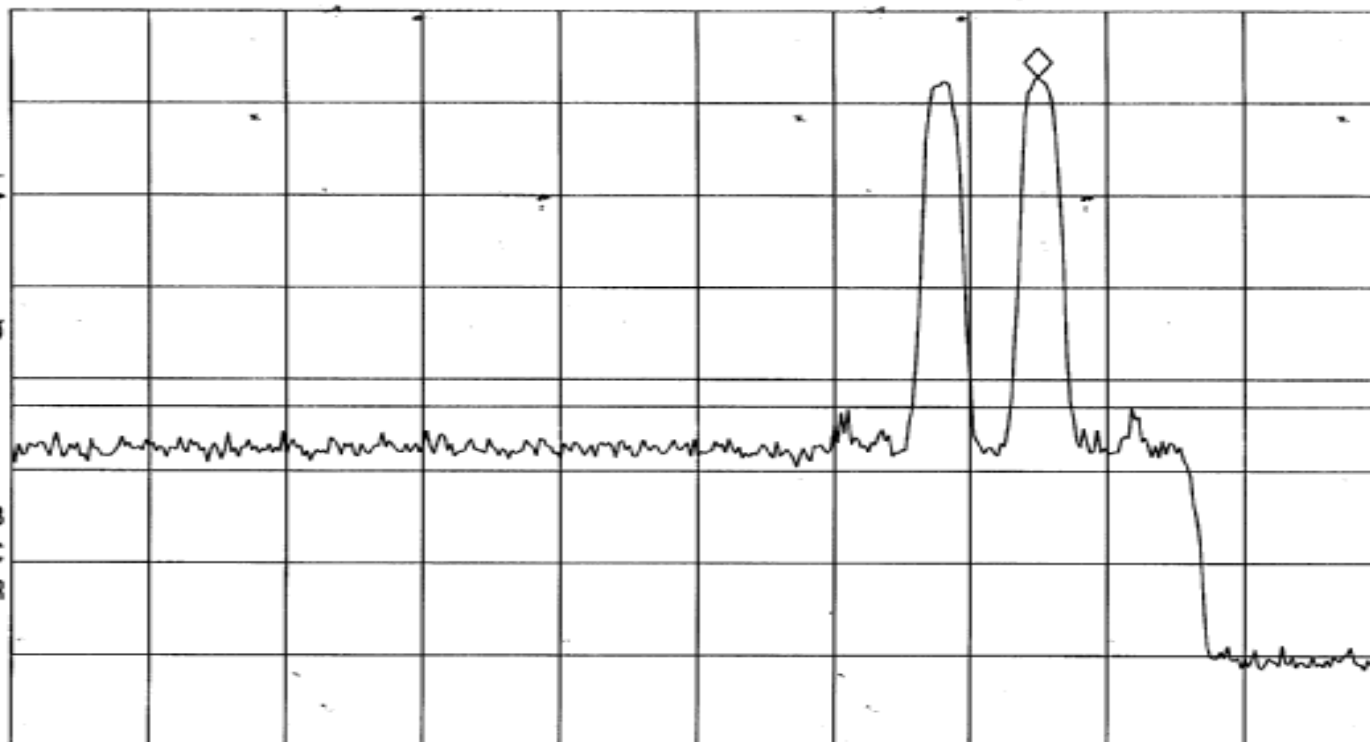
-13.0

dBm

VA SB

SC FC

CORR



START 1.85000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.92000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph:	2.1047
Operating Mode:	Amplifying input signal		
Notes:	Amps Band -CDMA - Uplink		

11:08:31 SEP 28, 2006

REF 30.0 dBm

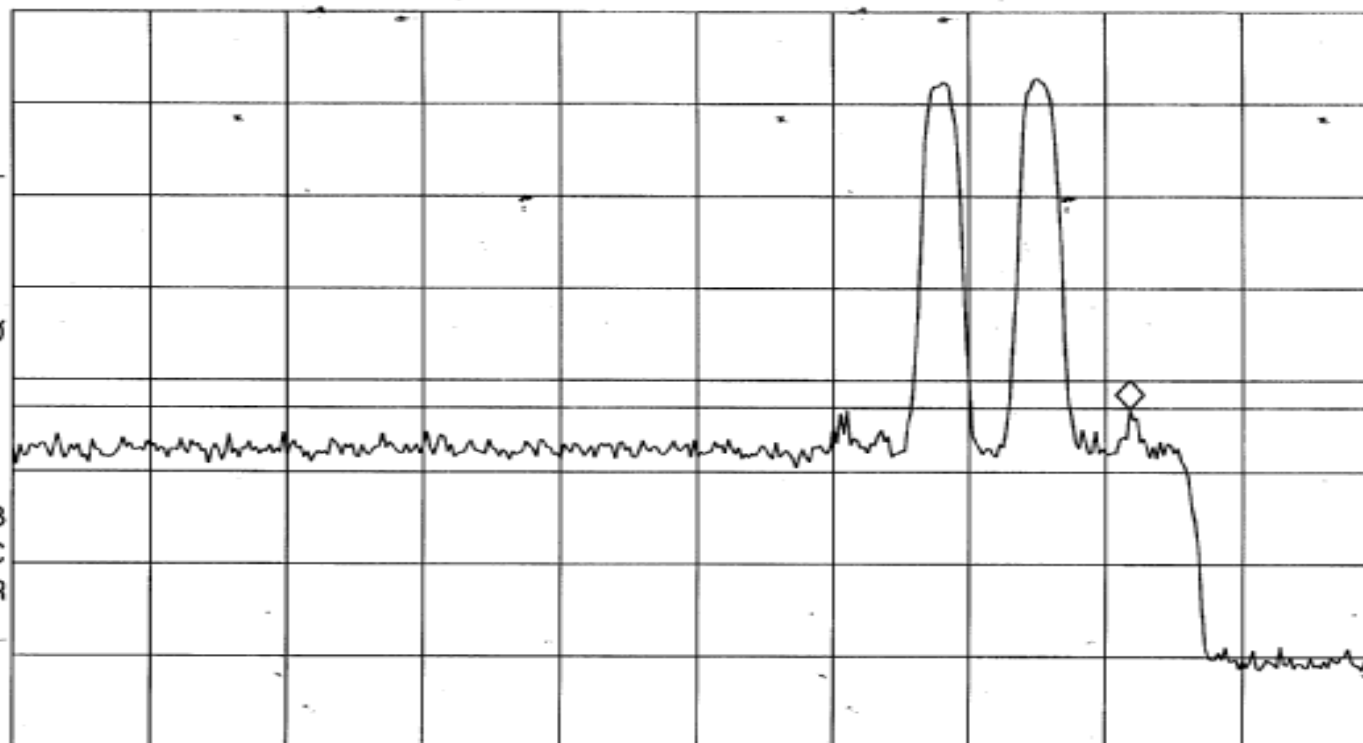
AT 10 dB

MKR 1.90723 GHz

-13.14 dBm

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

VA SB
SC FC
CORR



START 1.85000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.92000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -GSM - Uplink		

10: 41: 23 SEP 28, 2006

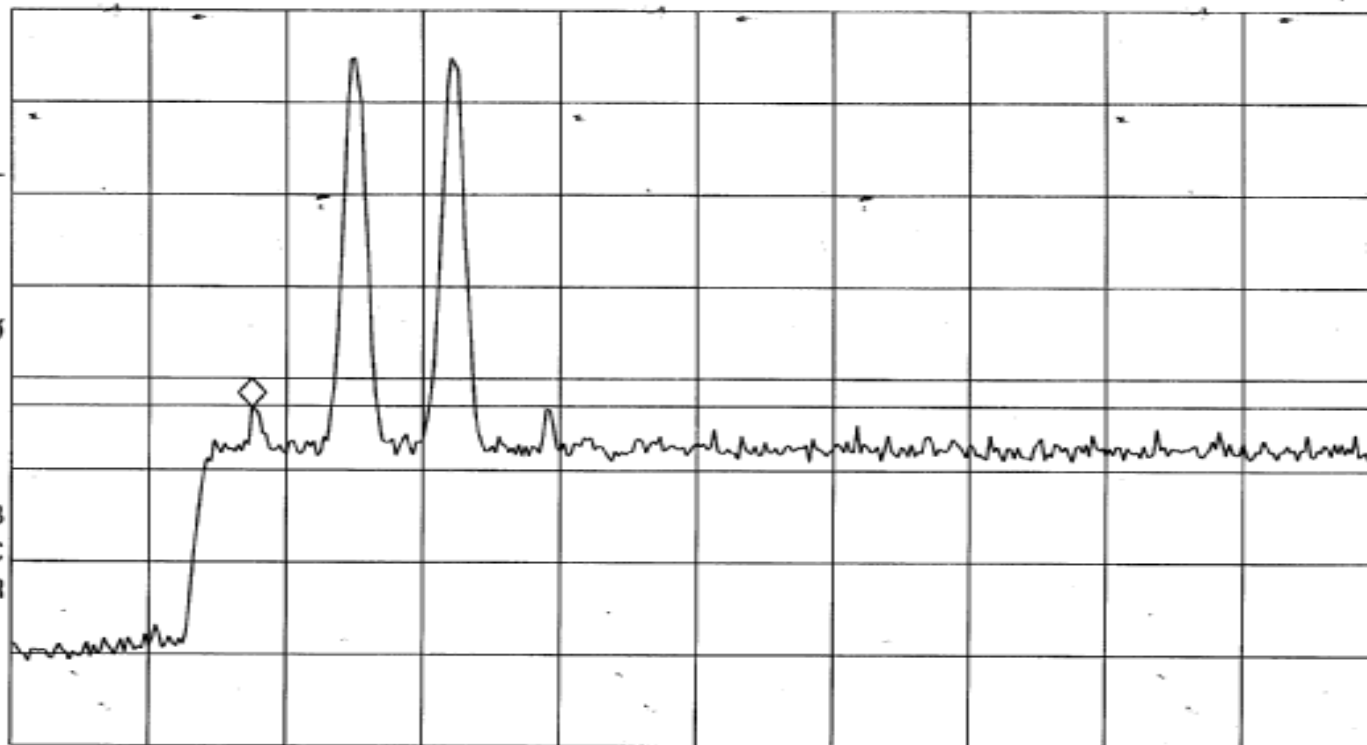
REF 30.0 dBm

AT 10 dB

MKR 1.85225 GHz
-13.19 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Intermodulation Characteristics		
Customer:	Cellular Specialties, Inc.	Test Sample:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 9/28/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -GSM - Uplink		

10: 41: 30 SEP 28, 2006

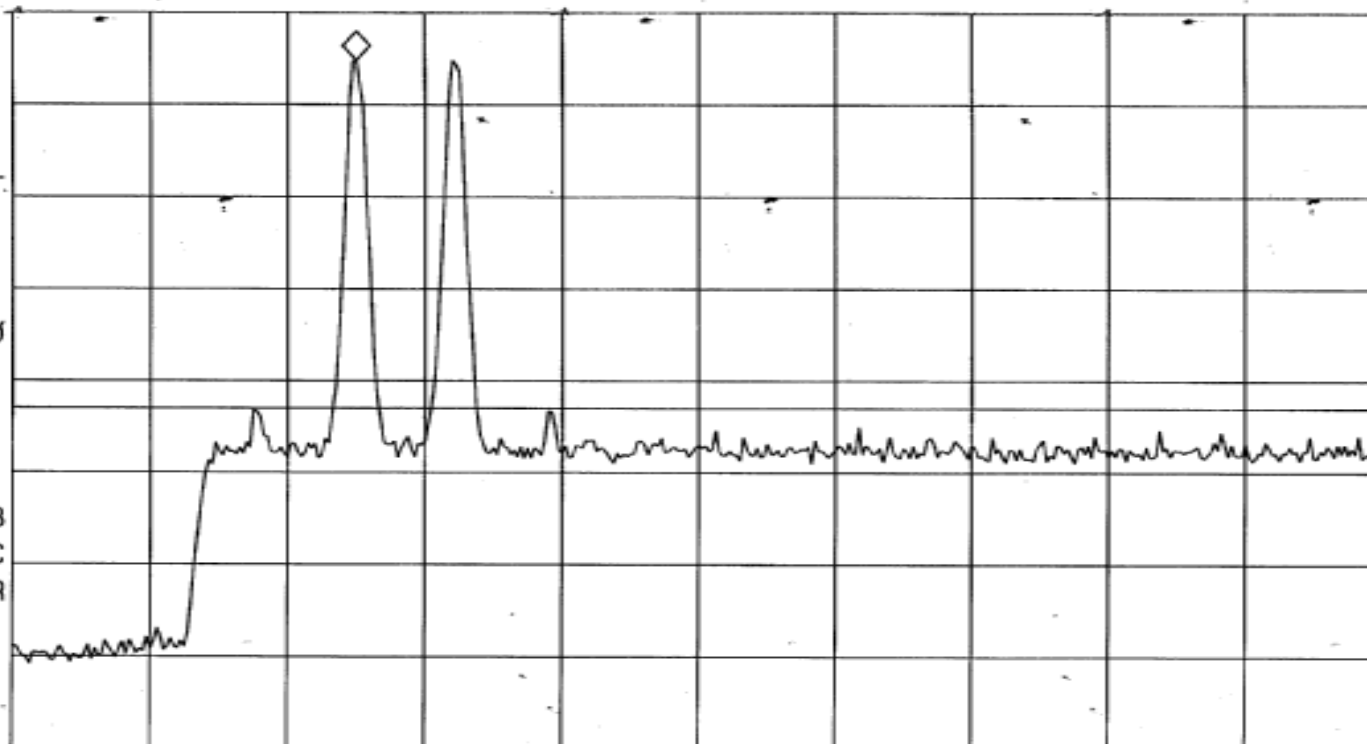
REF 30.0 dBm

AT 10 dB

MKR 1.85750 GHz
24.78 dBm

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

VA SB
SC FC
CORR



START 1.84000 GHz

#RES BW 300 kHz

#VBW 1 MHz

STOP 1.91000 GHz

SWP 20.0 msec