

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 - Uplink		

10:41:45 SEP 28, 2006

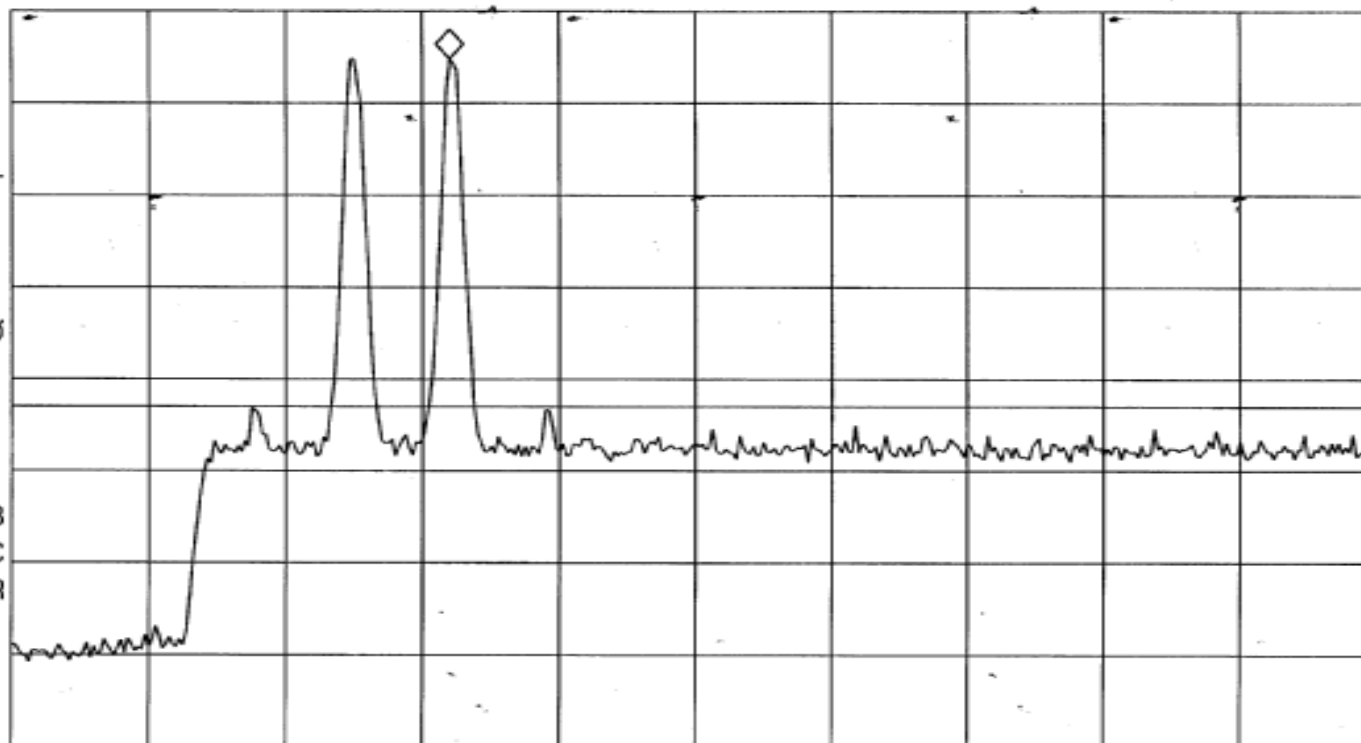
REF 30.0 dBm

AT 10 dB

MKR 1.86240 GHz
24.81 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

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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 - Uplink		

10:42:06 SEP 28, 2006

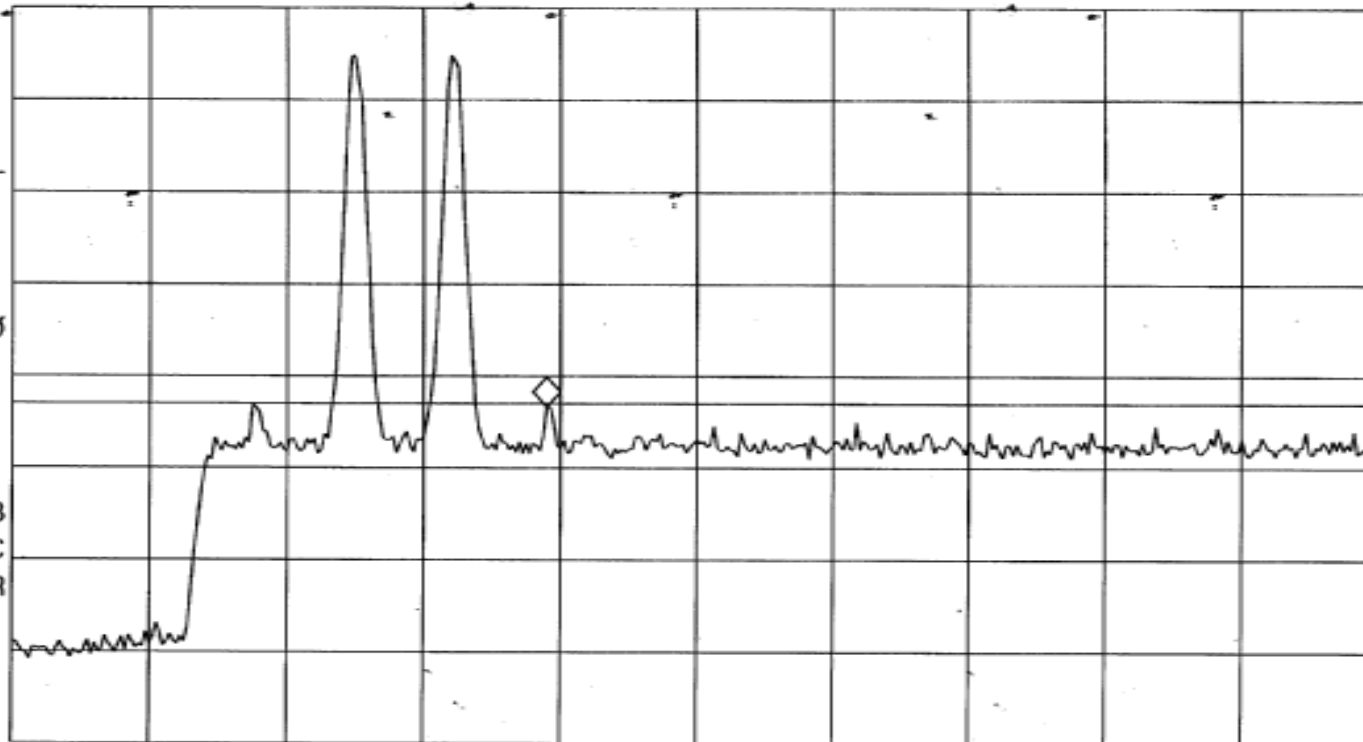
REF 30.0 dBm

AT 10 dB

MKR 1.86730 GHz
-13.32 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		
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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 - Uplink		

10:37:50 SEP 28, 2006

REF 30.0 dBm

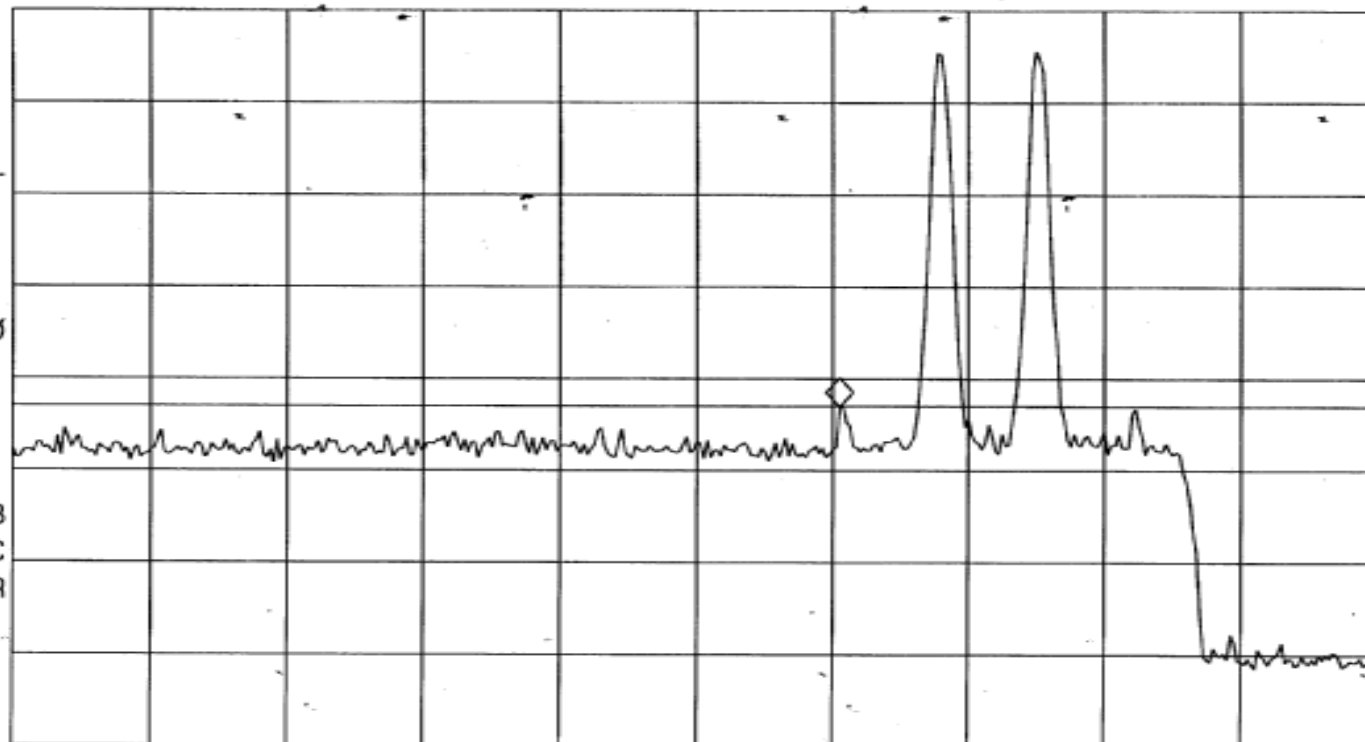
AT 10 dB

MKR 1.89235 GHz

-13.08 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 -GSM - Uplink		
Job No:	R-4560N		Technician:
		M.Seamans	
Date:	8/16/2006		

10:37:29 SEP 28, 2006

REF 30.0 dBm

AT 10 dB

MKR 1.89743 GHz

25.38 dBm

PEAK

LOG

10

dB/

OFFST

30.0

dB

DL

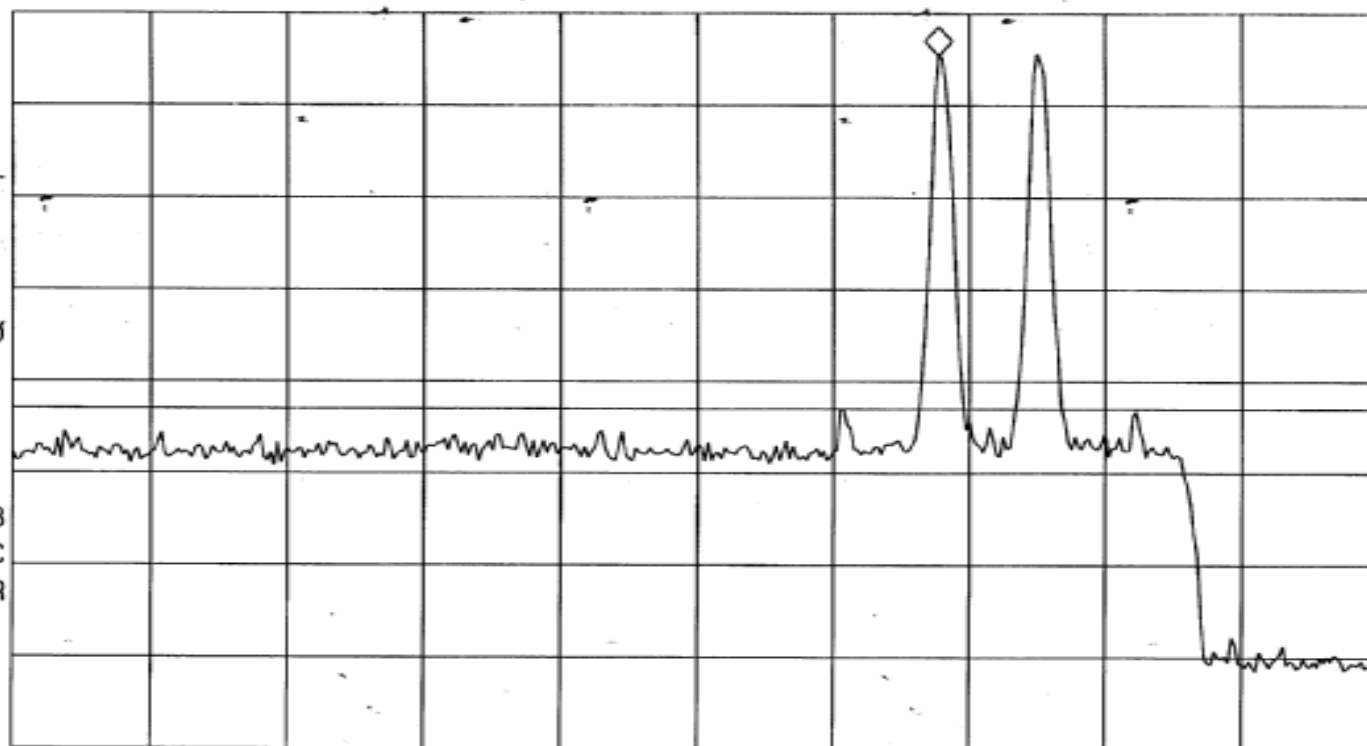
-13.0

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: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -GSM - Uplink		

10:37:11 SEP 28, 2006

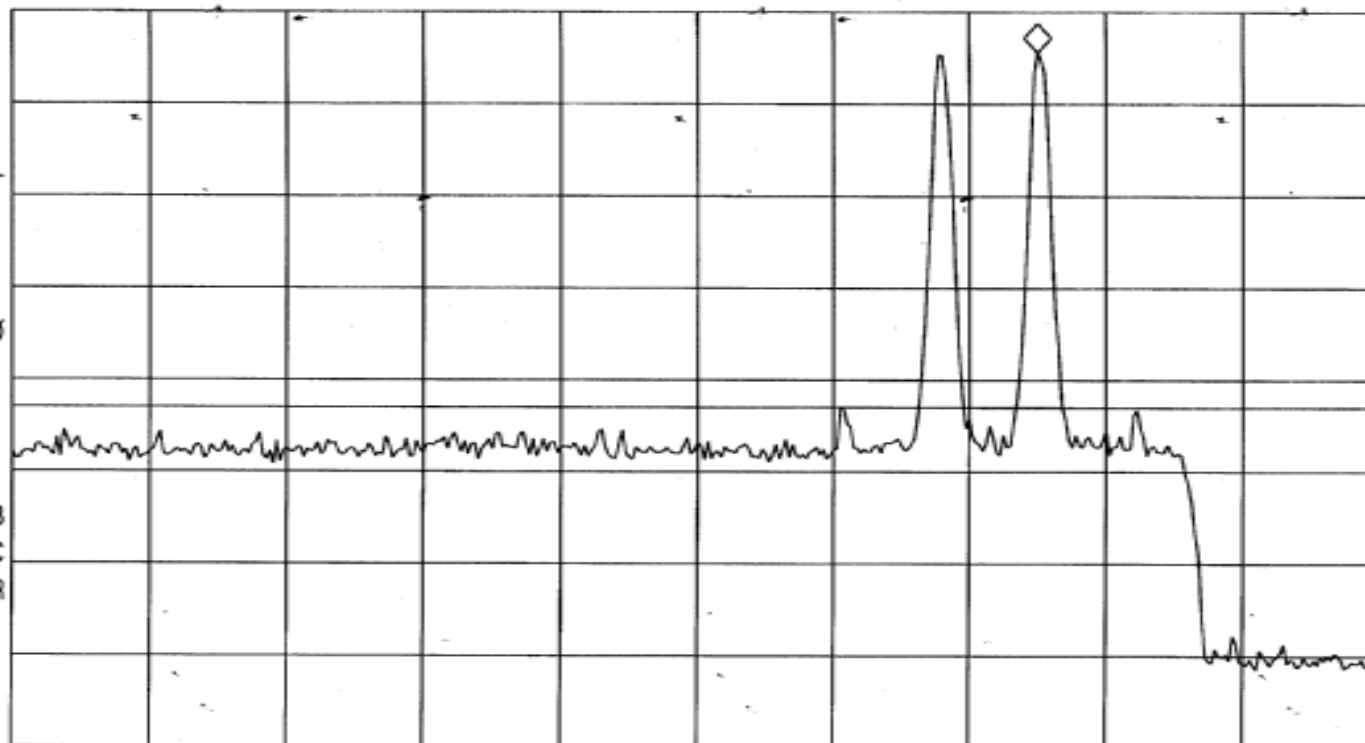
REF 30.0 dBm

AT 10 dB

MKR 1.90250 GHz
25.56 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: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -GSM - Uplink		

10:35:54 SEP 28, 2006

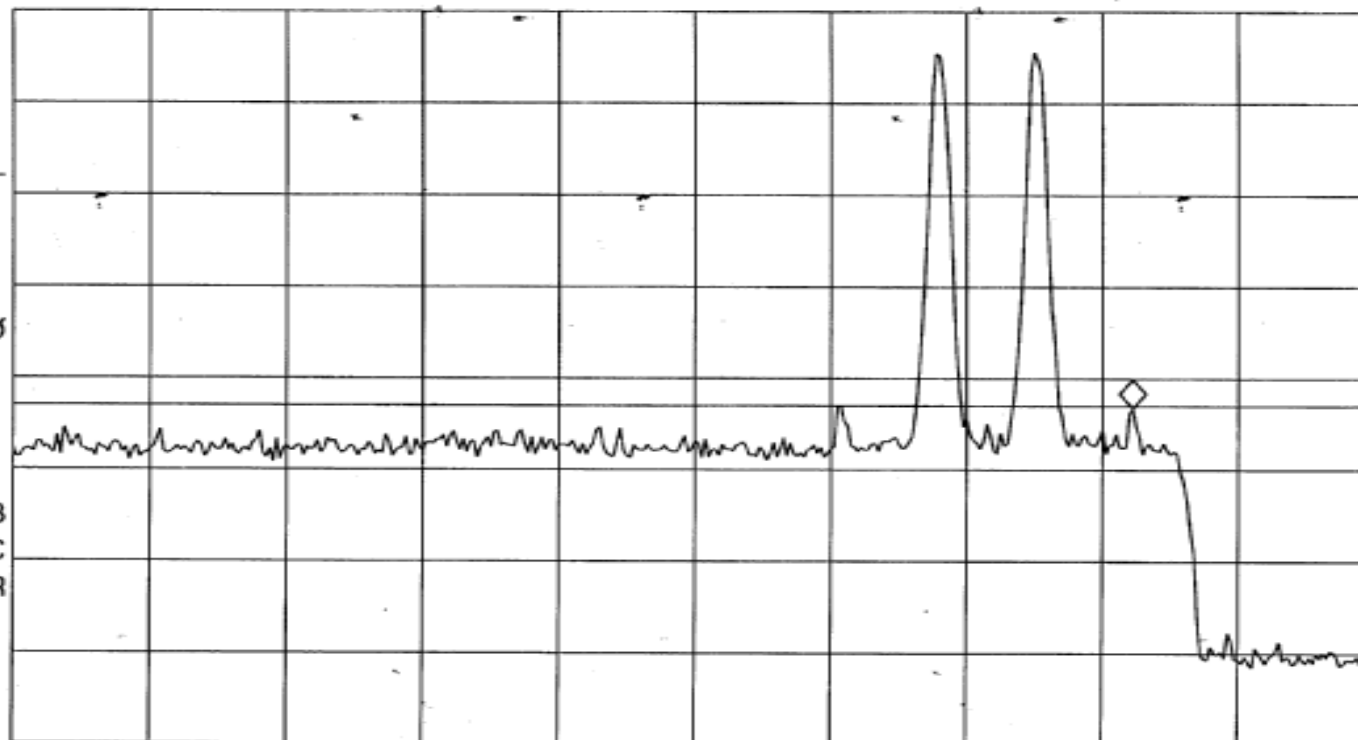
MKR 1.90758 GHz
-13.26 dBm

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 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	Job No:	R-4560N
Model No:	DSP85-1W-P	Serial No:	n/a	Technician:	M.Seamans
Test Specification:	FCC Part 2 Paragraph: 2.1047			Date:	8/16/2006
Operating Mode:	Amplifying input signal				
	PCS Band -TDMA - Downlink				

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:
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		
Job No:	R-4560N		
Technician:	M.Seamans		

13: 10: 21 AUG 18, 2006

MKR 1.93733 GHz

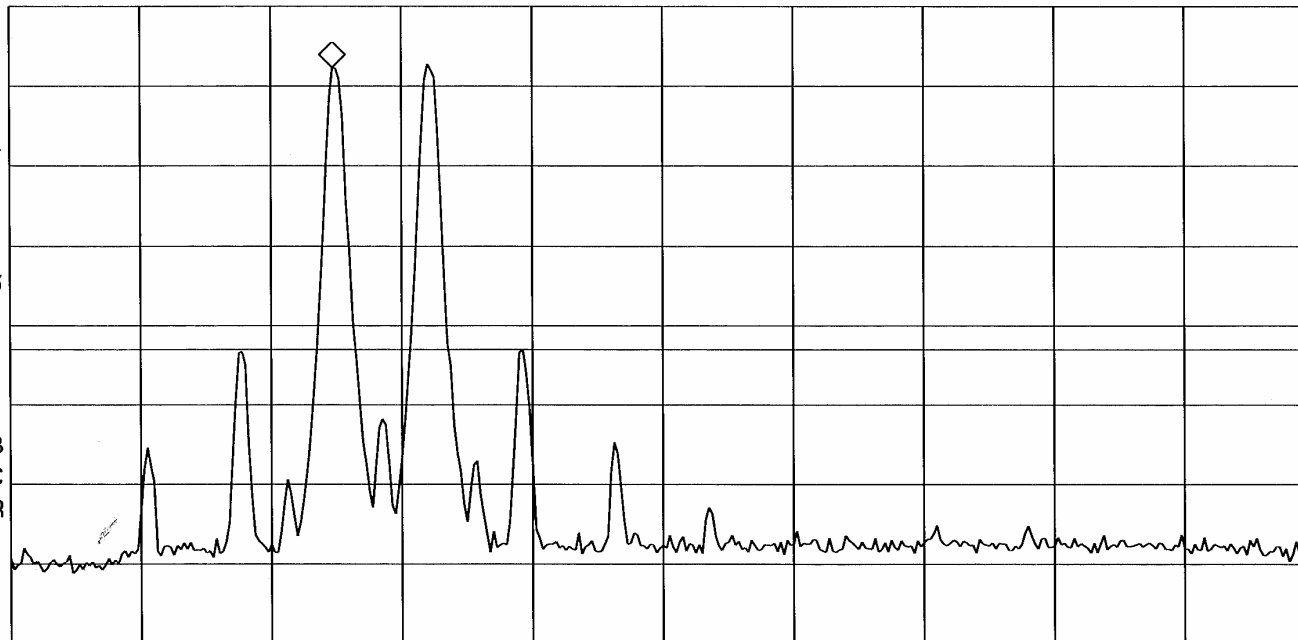
REF 30.0 dBm

#AT 10 dB

22.28 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		

13: 10: 09 AUG 18, 2006

MKR 1.94240 GHz

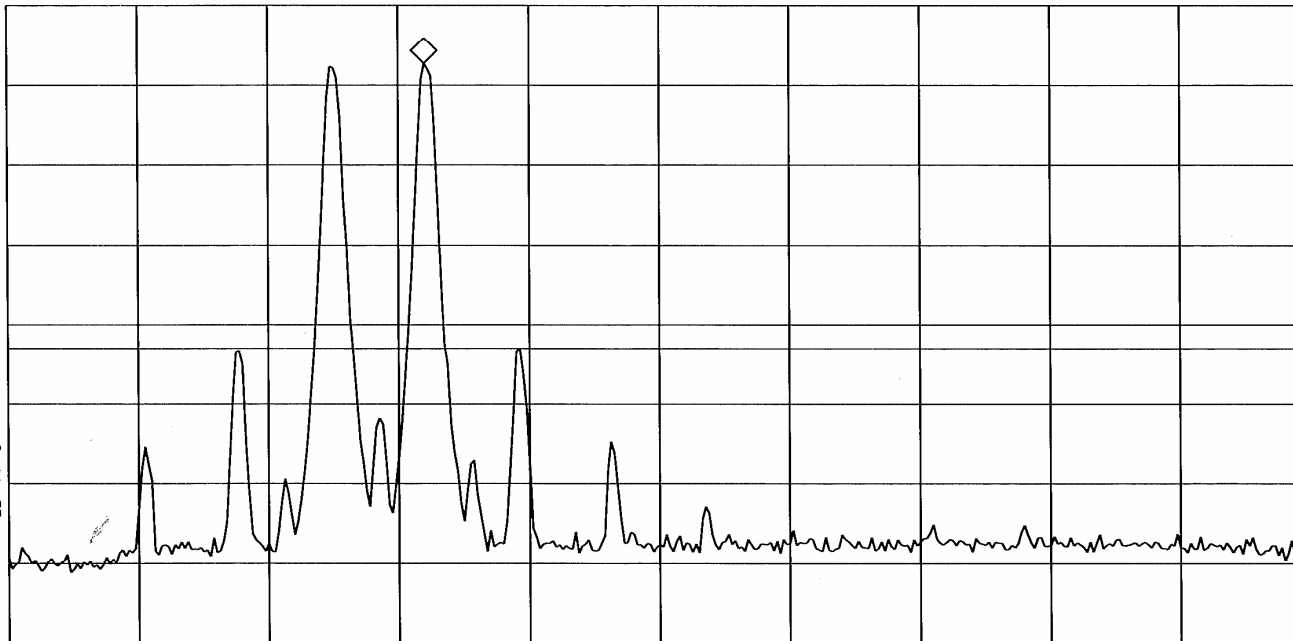
REF 30.0 dBm

#AT 10 dB

22.71 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:	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 - Downlink		
Job No:	R-4560N		Technician:
		M.Seamans	
Date:	8/16/2006		

13: 09: 47 AUG 18, 2006

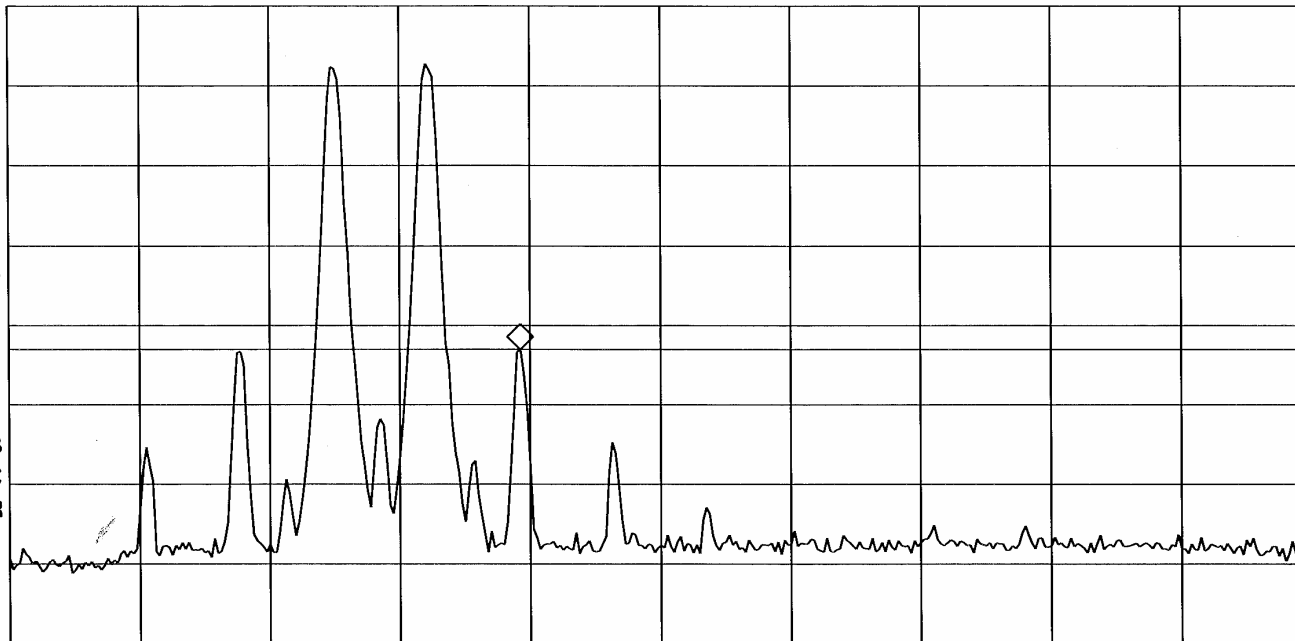
MKR 1.94748 GHz

REF 30.0 dBm #AT 10 dB

-13.03 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:	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 - Downlink		
Job No:	R-4560N	Technician:	M.Seamans
Date:	8/16/2006		

13: 26: 47 AUG 18, 2006

REF 30.0 dBm

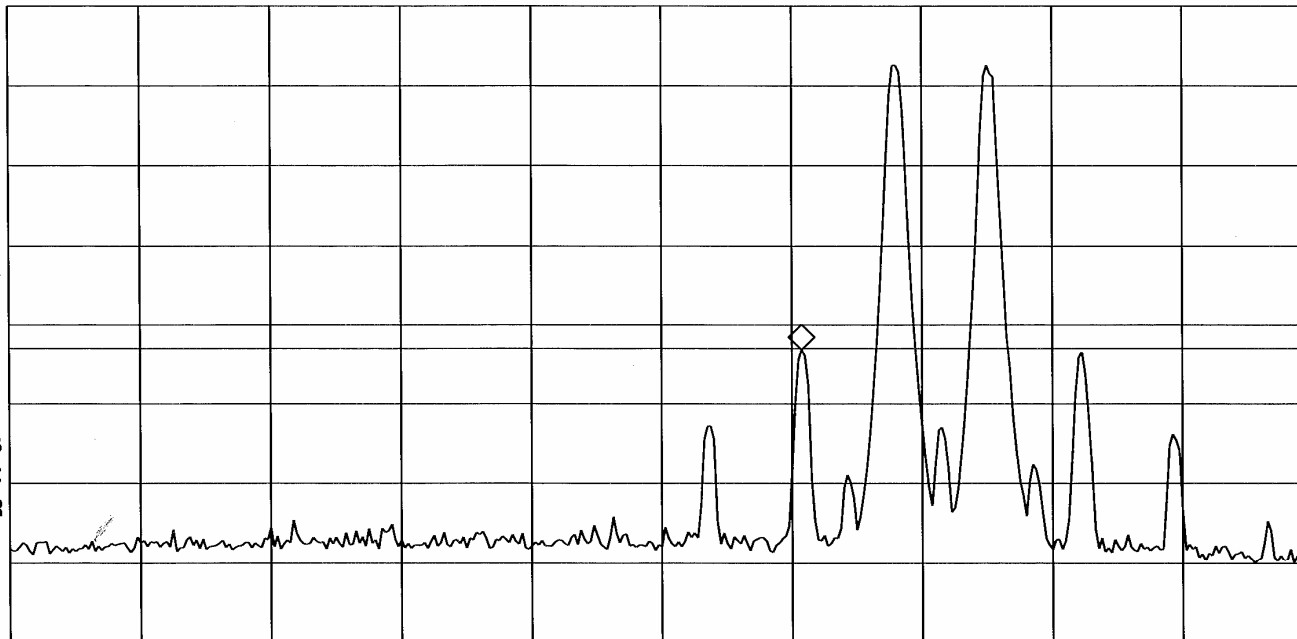
#AT 10 dB

MKR 1.97253 GHz

-13.16 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 - Downlink		
Job No:	R-4560N		Technician:
		M.Seamans	
Date:	8/16/2006		

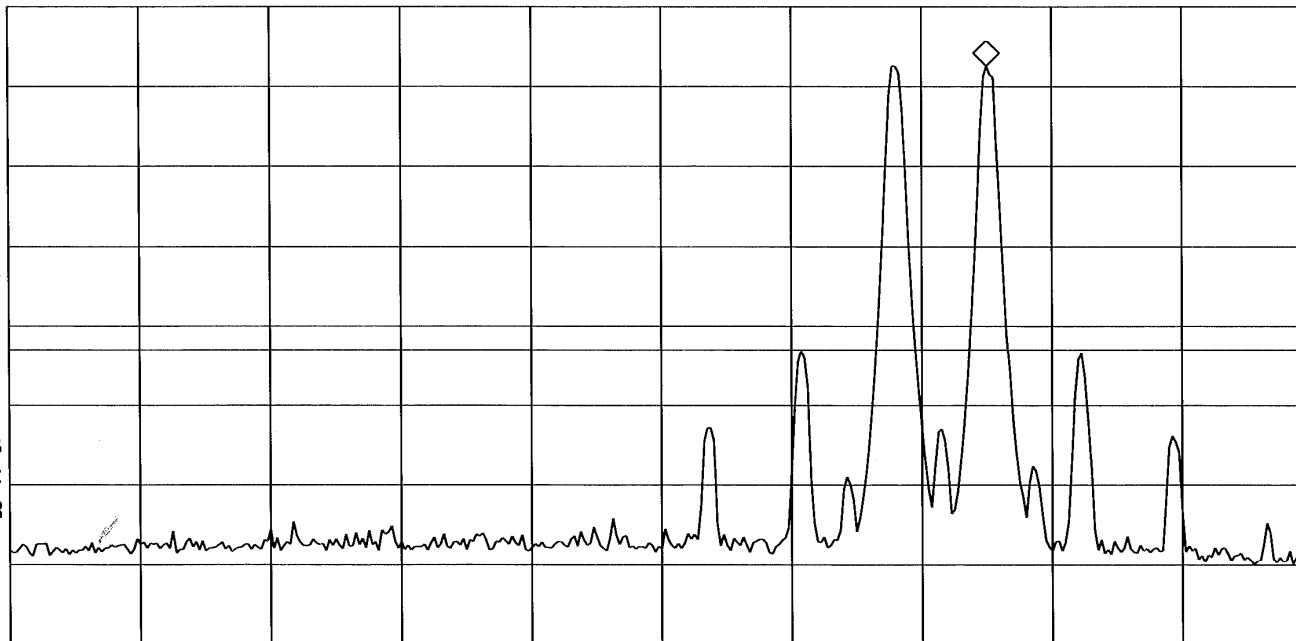
13: 25: 21 AUG 18, 2006

MKR 1.98250 GHz
22.53 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -TDMA - Downlink		

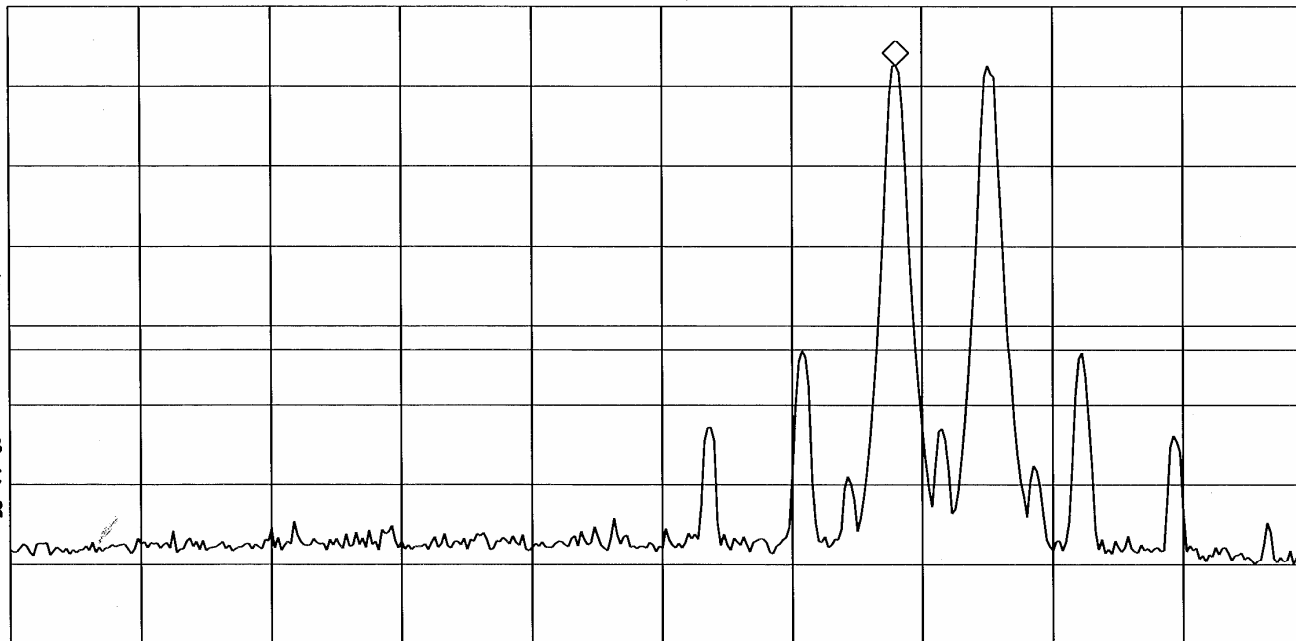
13: 25: 39 AUG 18, 2006

REF 30.0 dBm #AT 10 dB

MKR 1.97760 GHz
22.52 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 - Downlink		
Job No:	R-4560N		Technician:
		M.Seamans	
Date:	8/16/2006		

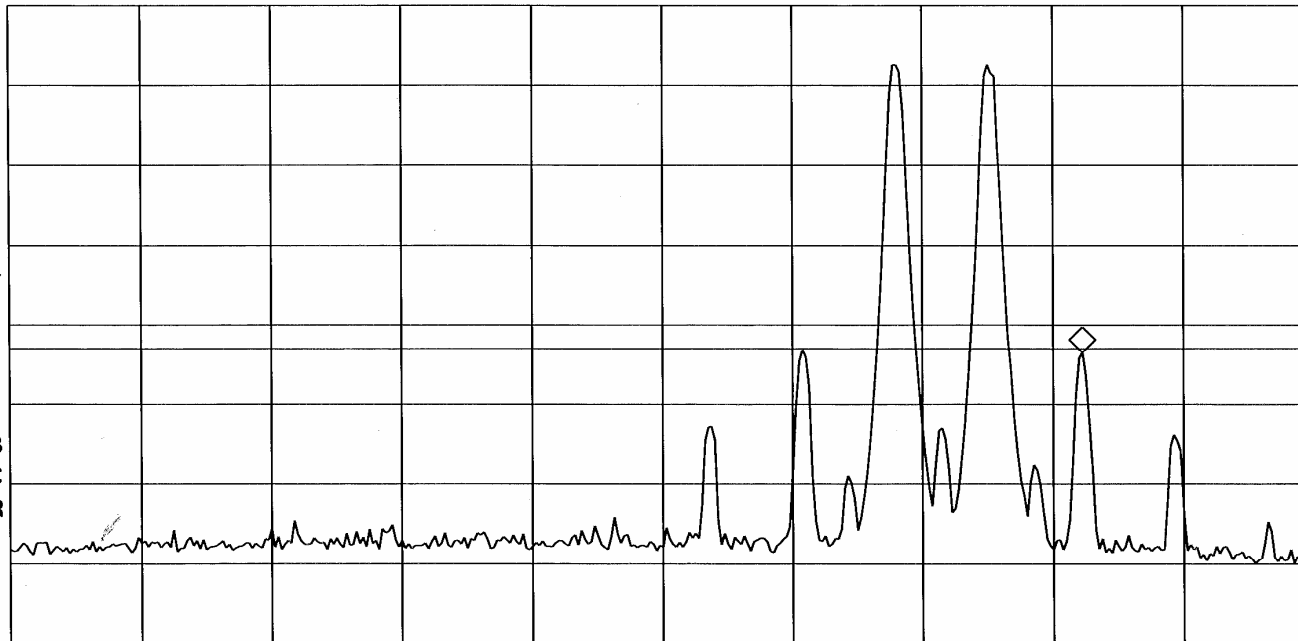
13: 24: 58 AUG 18, 2006

REF 30.0 dBm #AT 10 dB

MKR 1.98758 GHz
-13.47 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	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

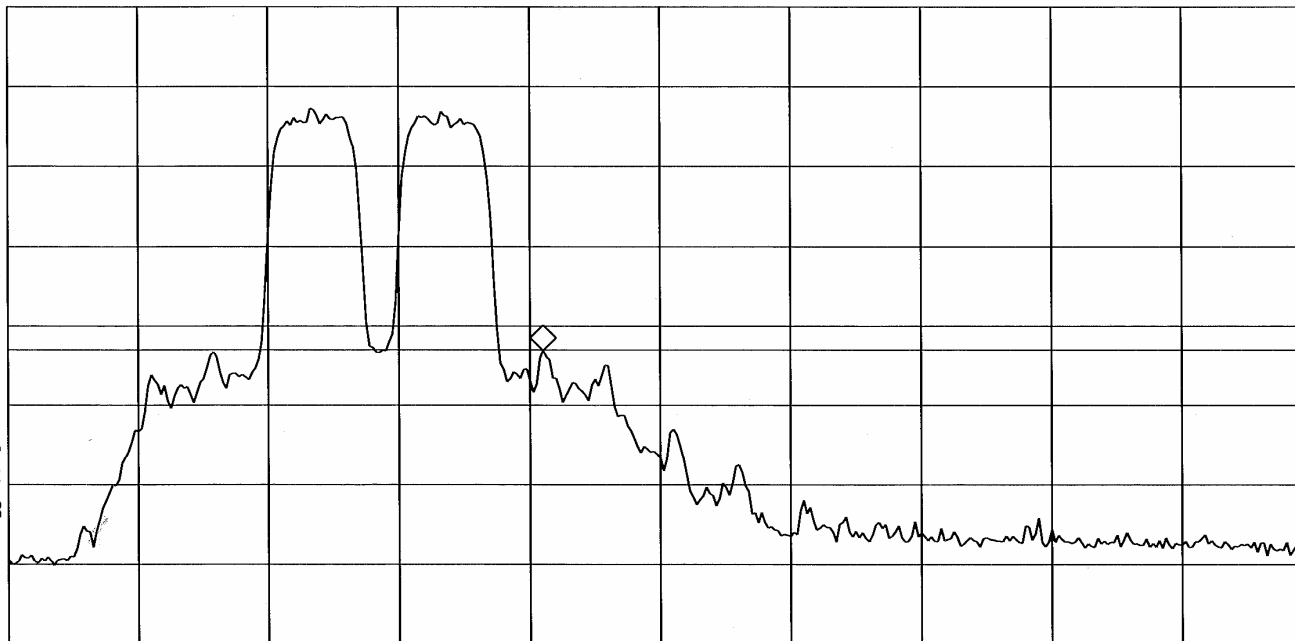
12: 47: 16 AUG 18, 2006

MKR 1.94870 GHz
-13.08 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		
Job No:	R-4560N		Technician:
		M.Seamans	

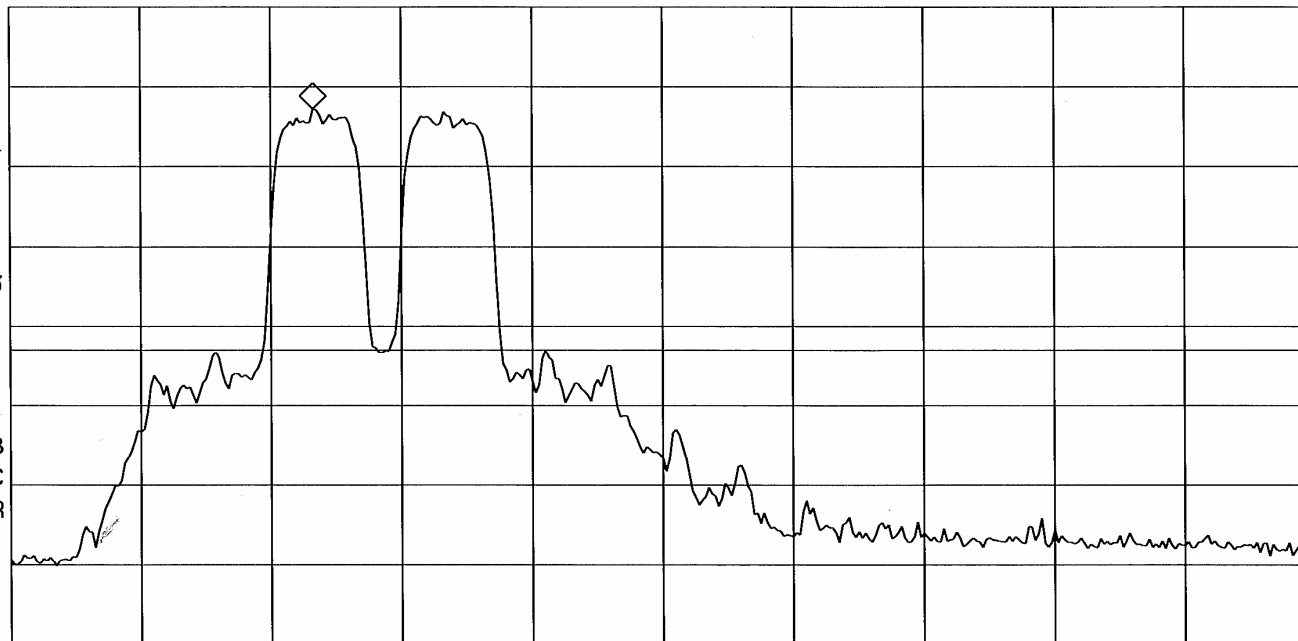
12: 47: 41 AUG 18, 2006

MKR 1.93628 GHz
17.29 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		
Job No:	R-4560N		
Technician:	M.Seamans		

12: 48: 06 AUG 18, 2006

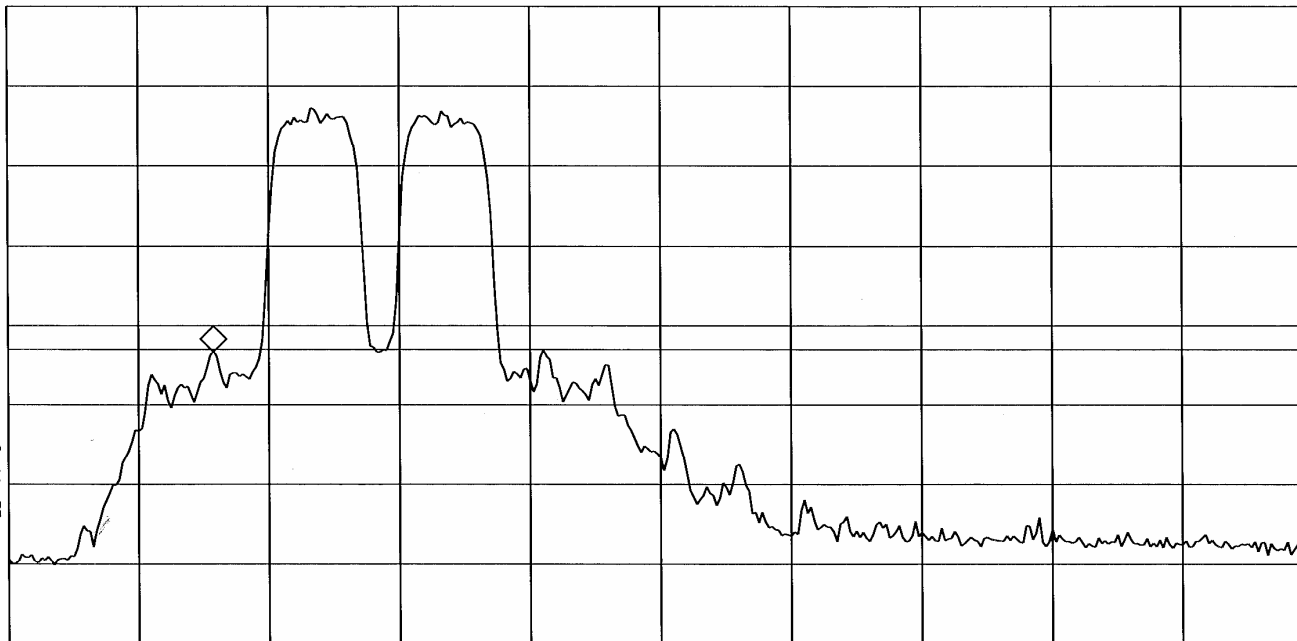
MKR 1.93103 GHz

REF 30.0 dBm #AT 10 dB

-13.28 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

12: 47: 24 AUG 18, 2006

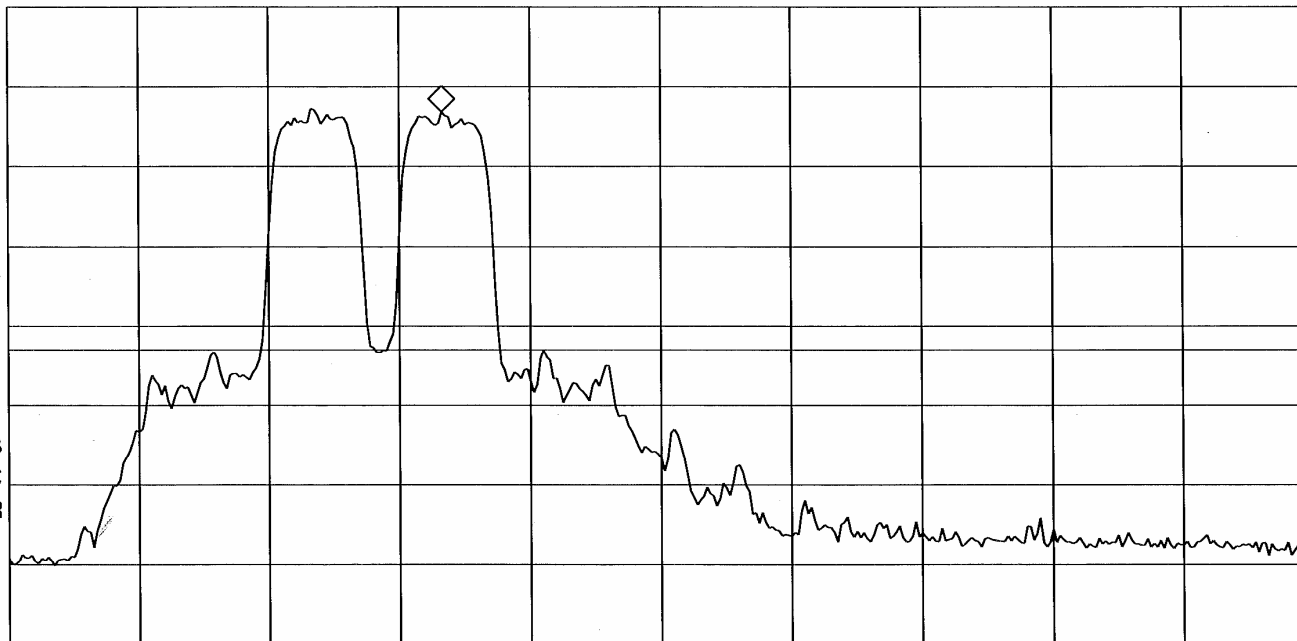
MKR 1.94328 GHz

REF 30.0 dBm #AT 10 dB

16.91 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

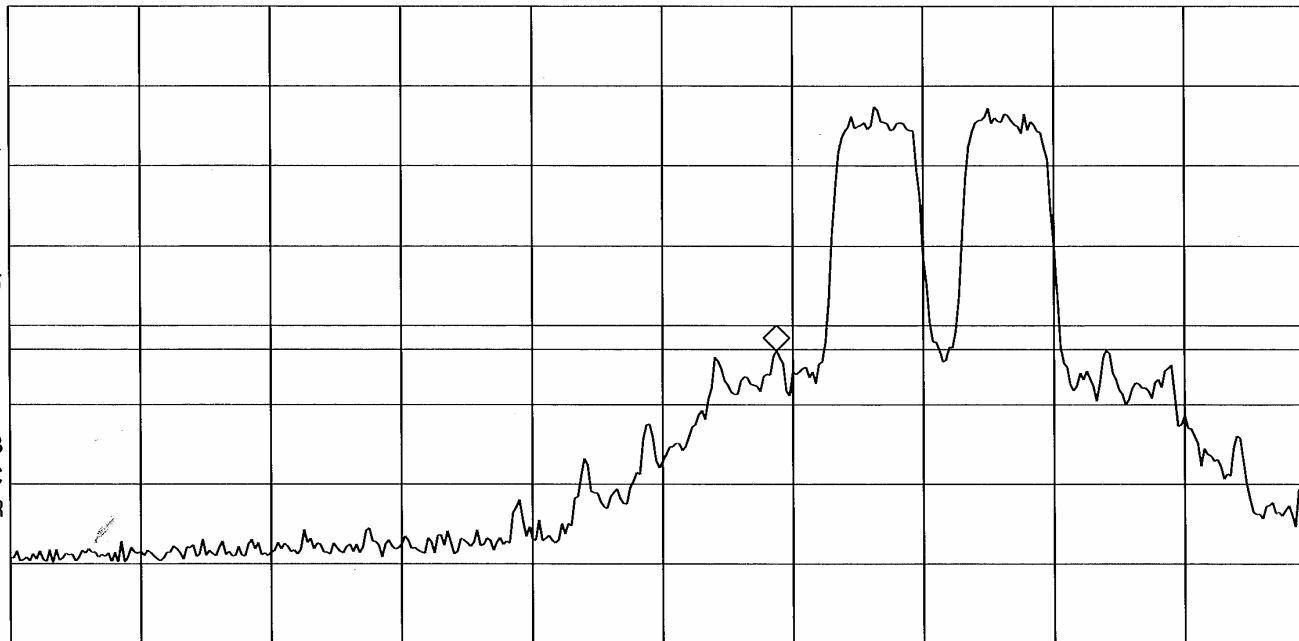
13:02:53 AUG 18, 2006

MKR 1.97113 GHz
-13.16 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:	Frequency Programmable Repeater
Model No:	DSP85-1W-P	Serial No:	n/a
Test Specification:	FCC Part 2	Paragraph: 2.1047	Date:
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		
Job No:	R-4560N		
Technician:	M.Seamans		

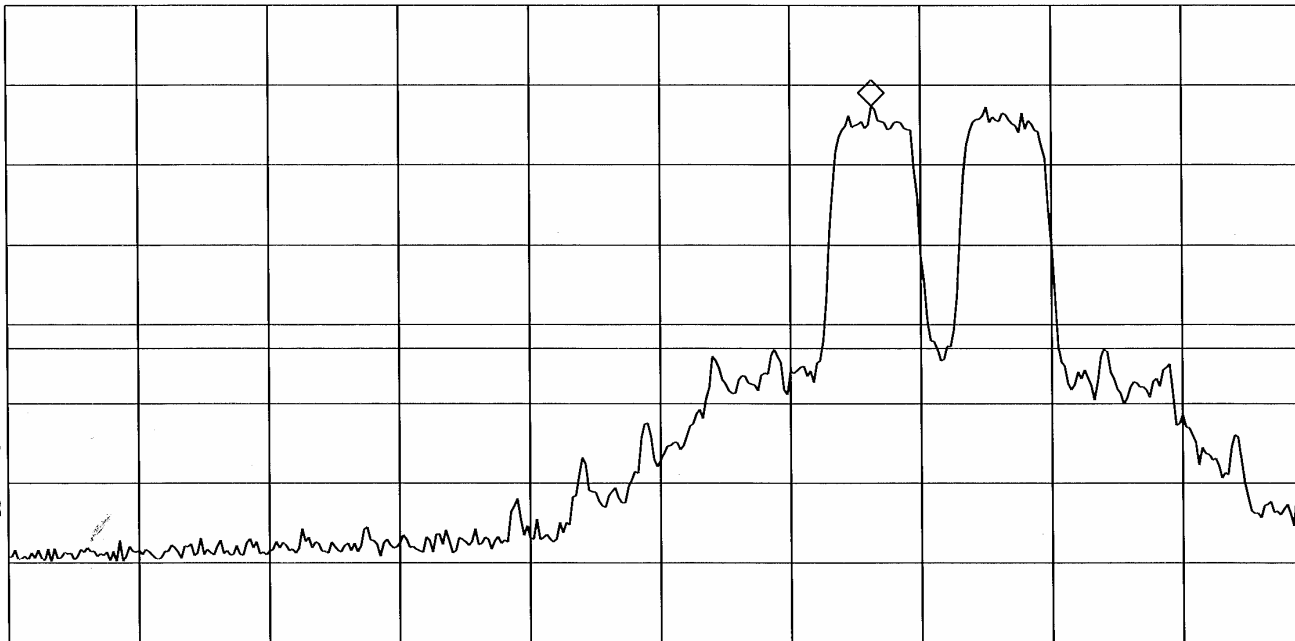
13: 02: 33 AUG 18, 2006

REF 30.0 dBm #AT 10 dB

MKR 1.97638 GHz
17.45 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	Date: 8/16/2006
Operating Mode:	Amplifying input signal		
Notes:	PCS Band -CDMA - Downlink		

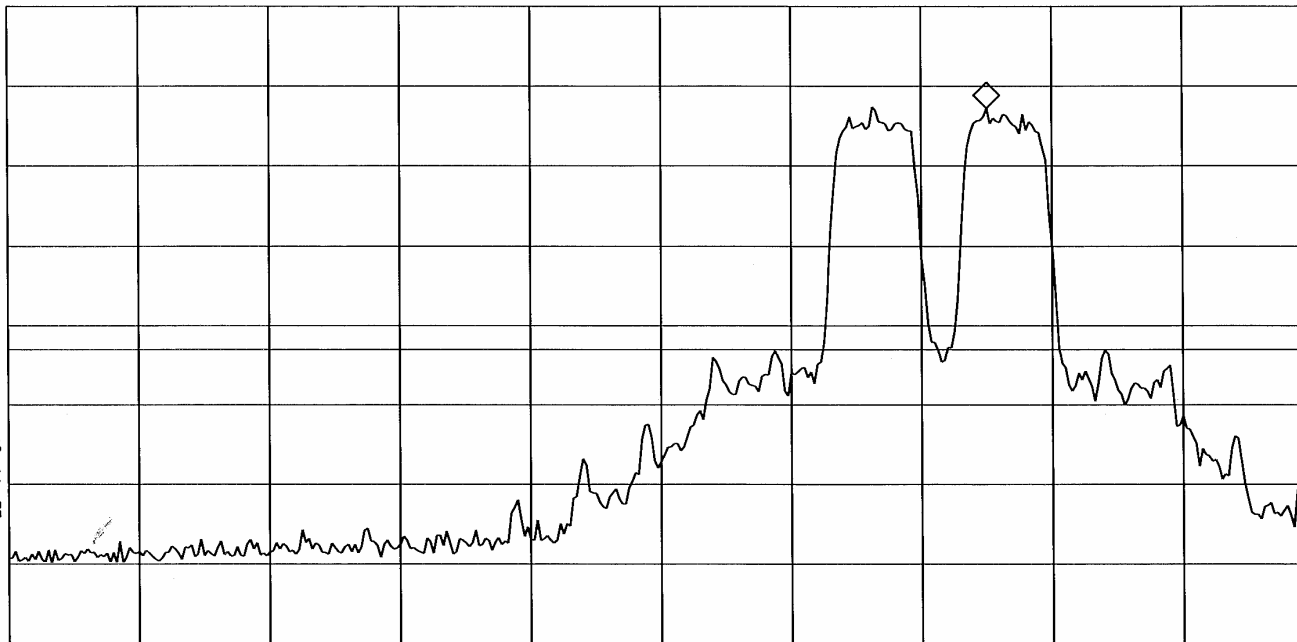
13: 02: 26 AUG 18, 2006

MKR 1.98250 GHz
17.28 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 1.93000 GHz
RES BW 300 KHz

#VBW 1 MHz

STOP 2.00000 GHz
SWP 20.0 msec