

ENGINEERING TEST REPORT NO. 21851

DATA SHEET

MANUFACTURER : ANDREW CORP.
TEST ITEM : 900MHz CHANNELIZED PAGING REPEATER
MODEL NO. : SELECTAMP NBPCS-900-3
SERIAL NUMBER : NONE ASSIGNED
TEST DESCRIPTION : RF POWER OUTPUT AND GAIN MEASUREMENTS
TEST EQUIPMENT : See Table I
DATE TESTED : JULY 12, 1999
NOTES : Unmodulated

FREQUENCY MHZ	METER READING dBm	EXTERNAL ATTEN. dB	TOTAL dBm	POWER Watts	INPUT dBm	CALCULATED GAIN dB
Set to Maximum Gain						
929.5	0.5	29.5	30.0	1.0	-63.5	93.7
930.5	0.5	29.5	30.0	1.0	-63.5	93.5
940.0	0.5	29.5	30.0	1.0	-62.7	92.7
900.0	-2.5	29.5	27.0	0.5	-57.5	84.5

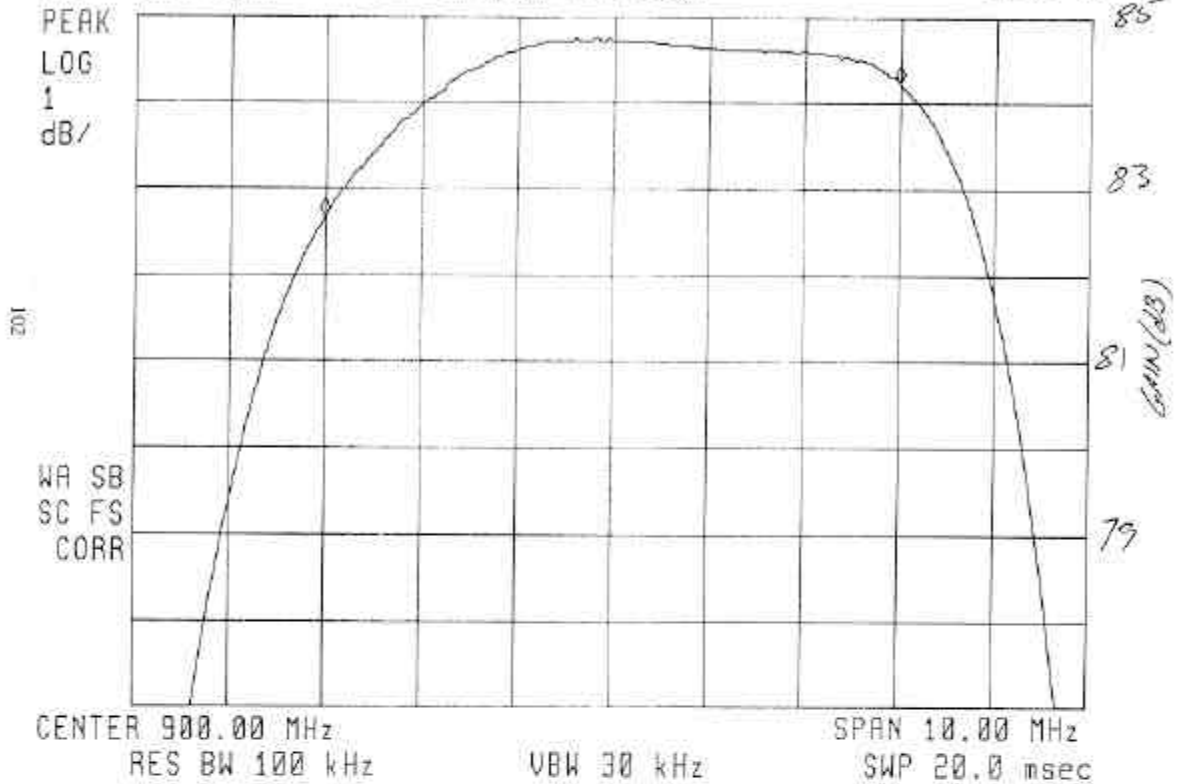
CHECKED BY: 

13:05:44 JUL 12, 1999
ANDREWS NBPCS-900-3

PASSBAND GAIN RESPONSE

REF -12.0 dBm AT 10 dB + 40 dB EXT

MKR Δ 6.00 MHz
1.56 dB



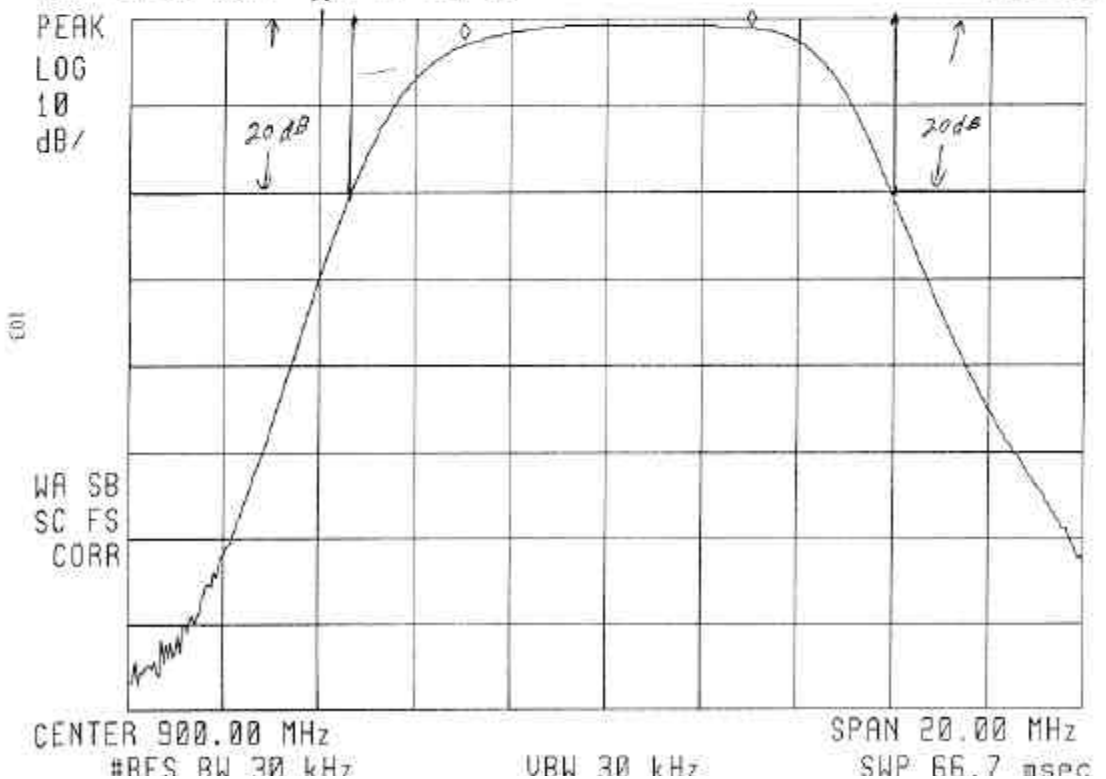
DATA SHEET

13:12:40 JUL 12, 1999
ANDREWS NBPCS-900-3

OUT OF BAND GAIN RESPONSE
(20dB BANDWIDTH)

REF -12.0 dBm AT 10 dB

MKR Δ 6.00 MHz
1.52 dB



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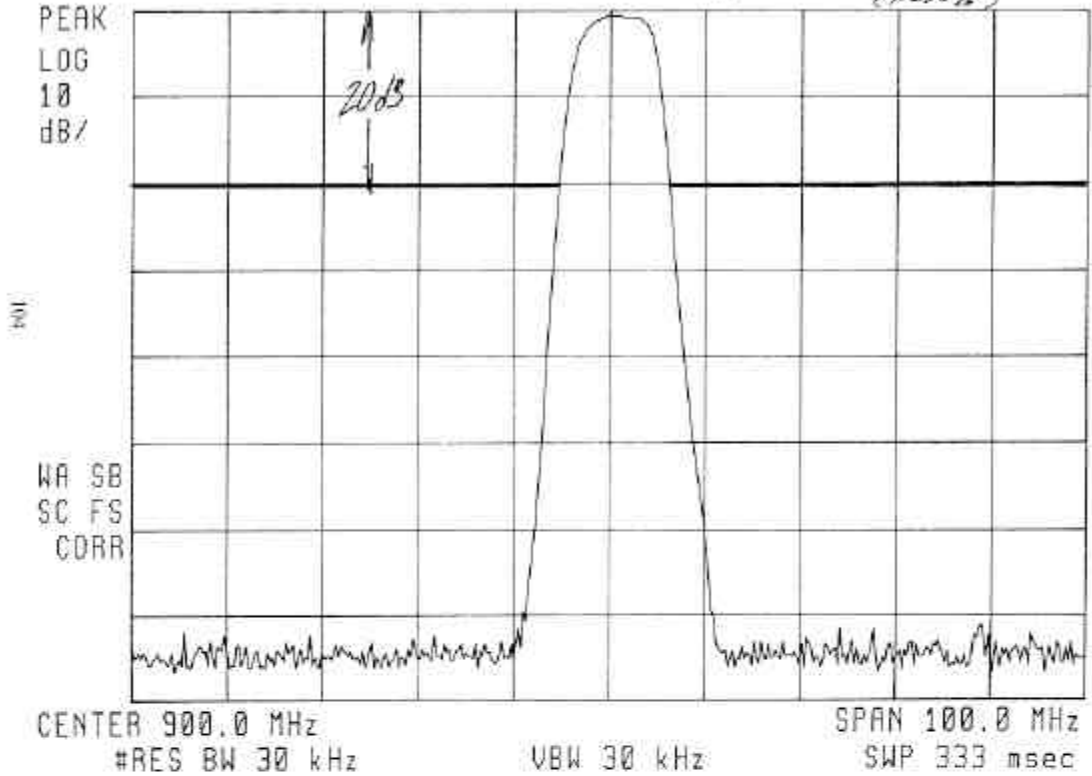
13:15:42 JUL 12, 1999

ANDREWS NBPCS-900-3

REF -12.0 dBm

AT 10 dB + 40 dB EXT

EXTENDED OUT-OF-BAND
GAIN RESPONSE
(+450%)



DATA SHEET

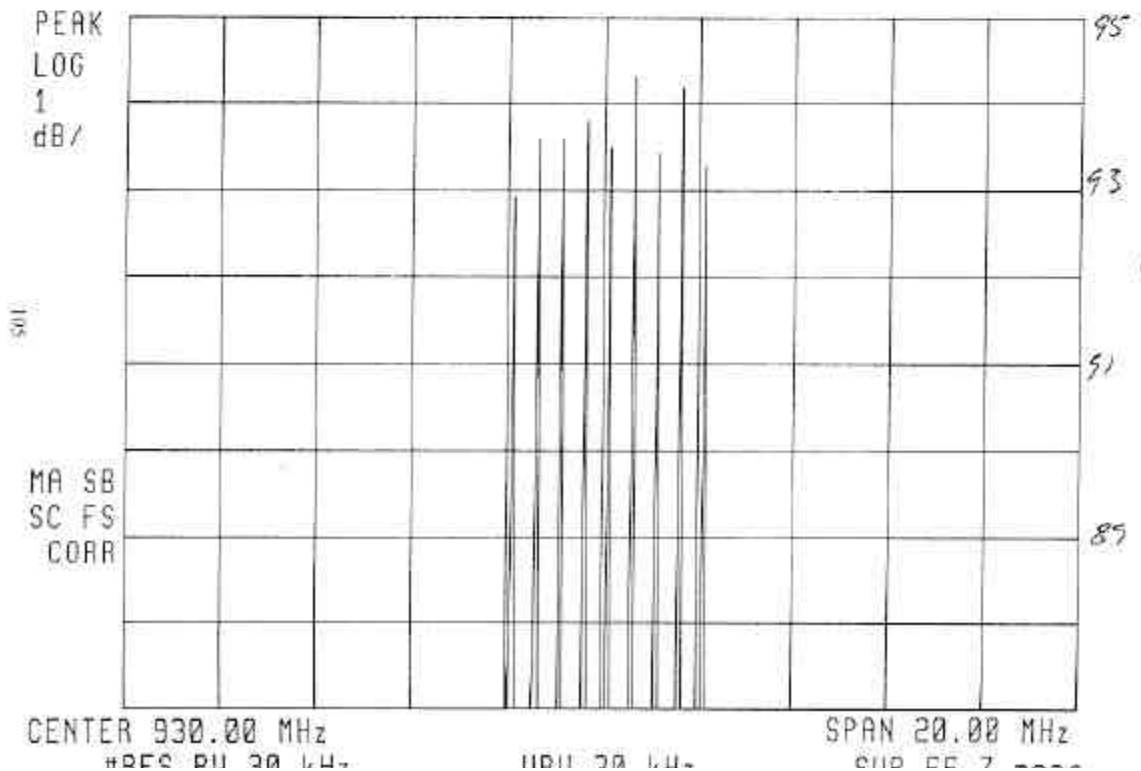
07:10:06 JUL 13, 1999

ANDREWS NBPCS-900-3

REF -10.0 dBm

AT 10 dB + 40 dB EXT

PASSBAND GAIN RESPONSE

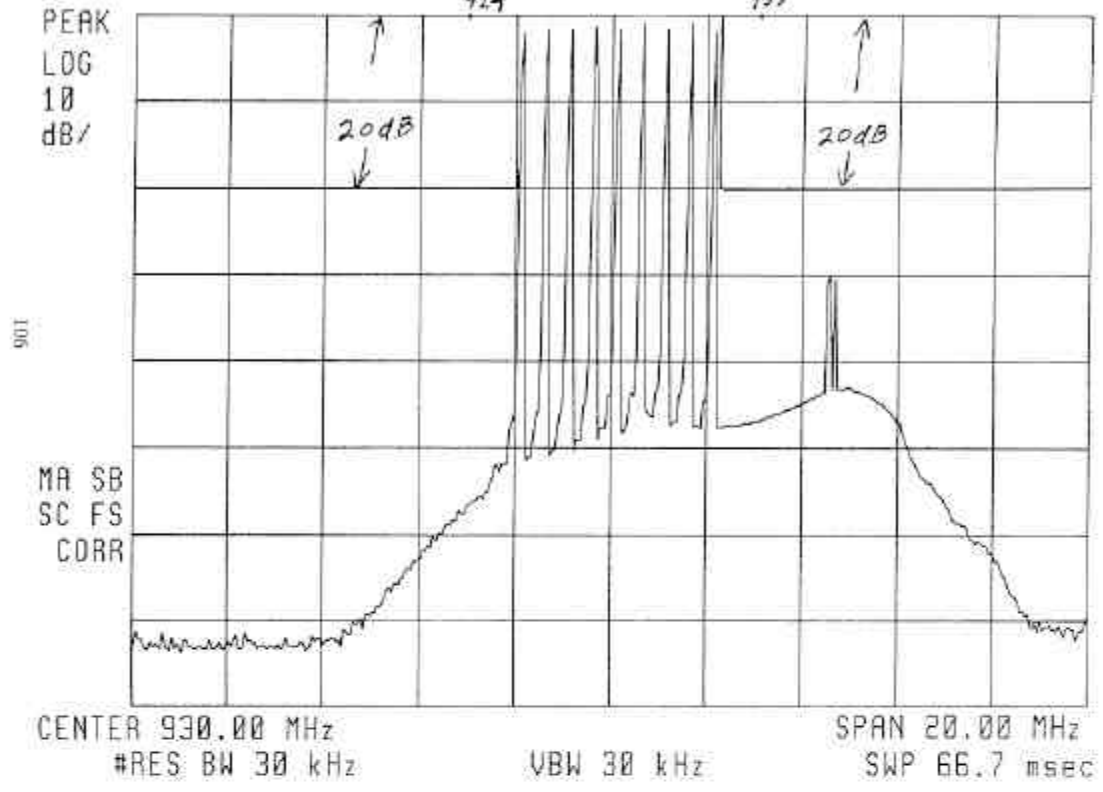


DATA SHEET
GAIN (dB)

07:19:42 JUL 13, 1999
 ANDREWS NBPCS-900-3

OUT OF BAND GAIN RESPONSE
 (20dBc BANDWIDTH)

REF -10.0 dBm AT 10 dB+40dB

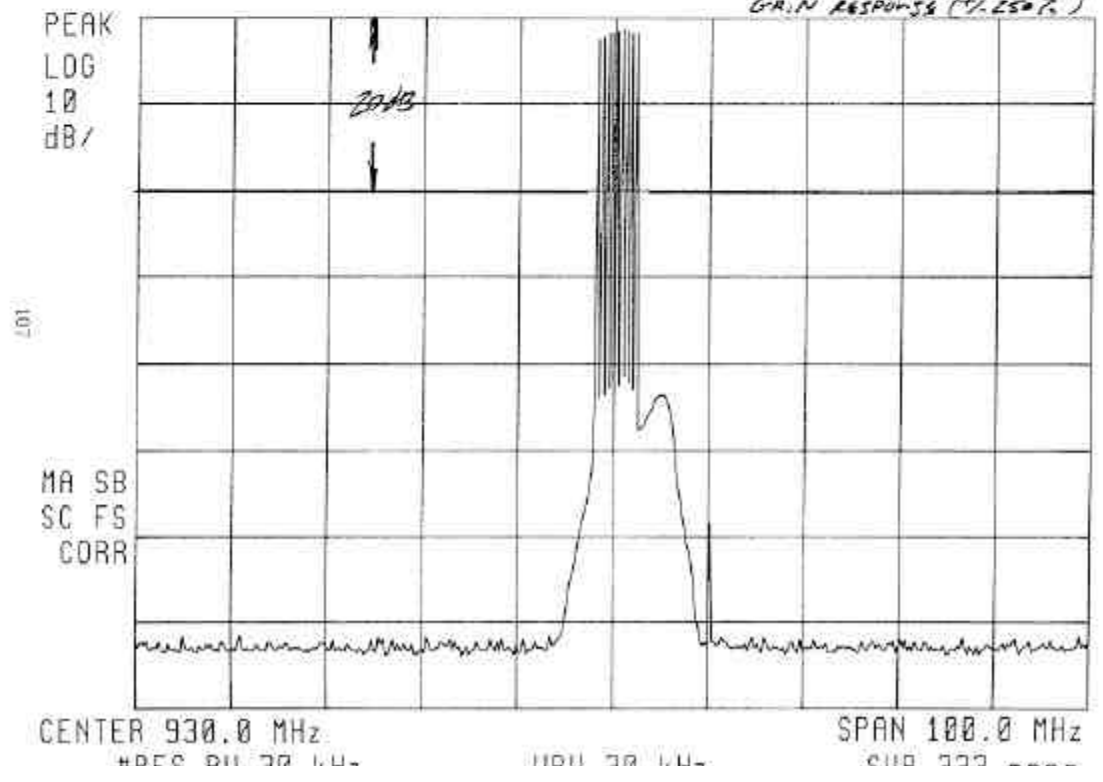


DATA SHEET

07:24:21 JUL 13, 1999
 ANDREWS NBPCS-900-3

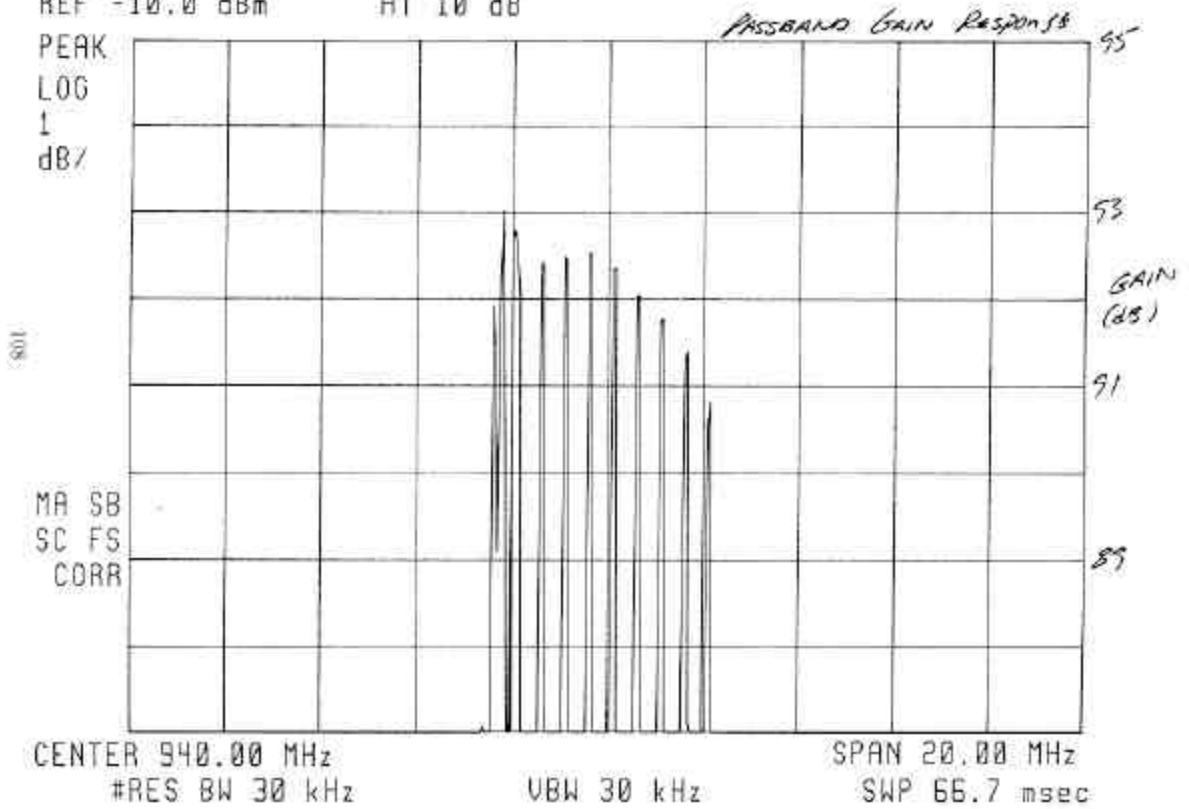
EXTENDED OUT-OF-BAND
 GAIN RESPONSE (4.250%)

REF -10.0 dBm AT 10 dB

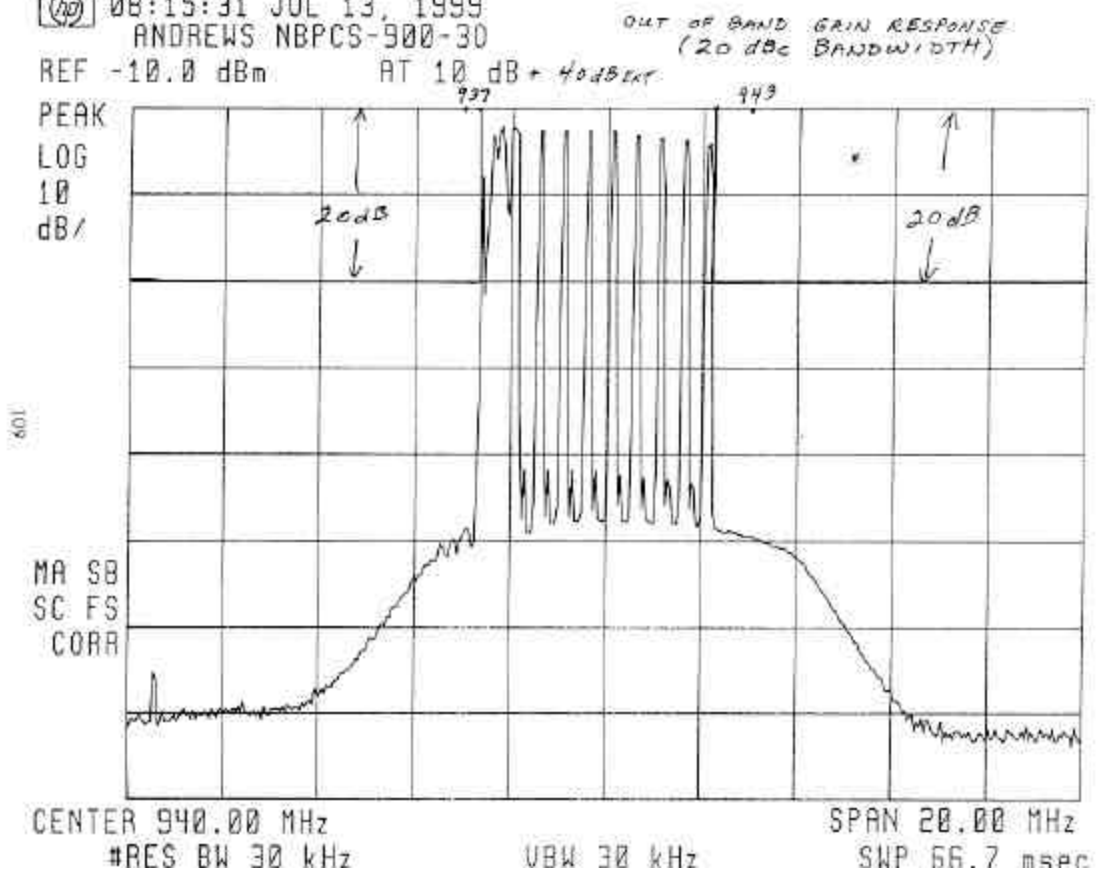


DATA SHEET

08:12:36 JUL 13, 1999
ANDREWS NBPCS-900-30
REF -10.0 dBm AT 10 dB

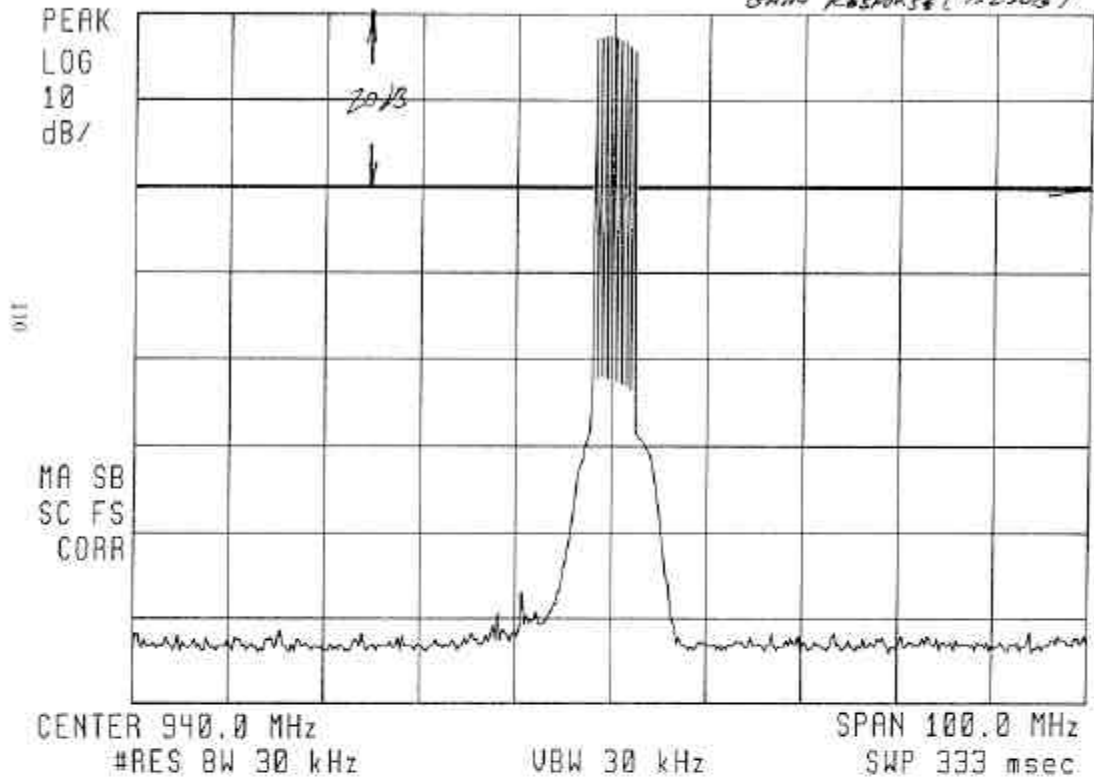


08:15:31 JUL 13, 1999
ANDREWS NBPCS-900-30
REF -10.0 dBm AT 10 dB + 40dBEXT

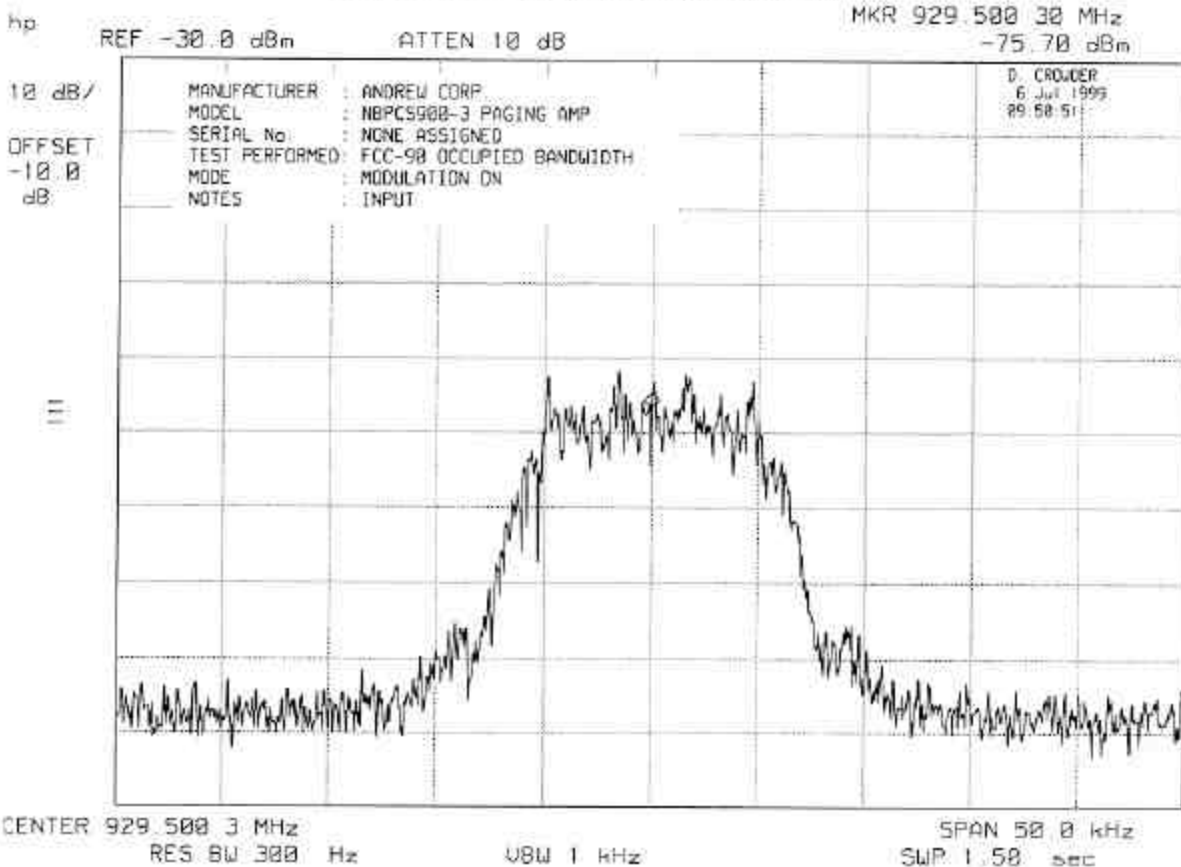


(20) 08:24:09 JUL 13, 1999
ANDREWS NBPCS-900-30
REF -10.0 dBm AT 10 dB

EXTENDED OUT-OF-BAND
GAIN RESPONSE (7.2503)

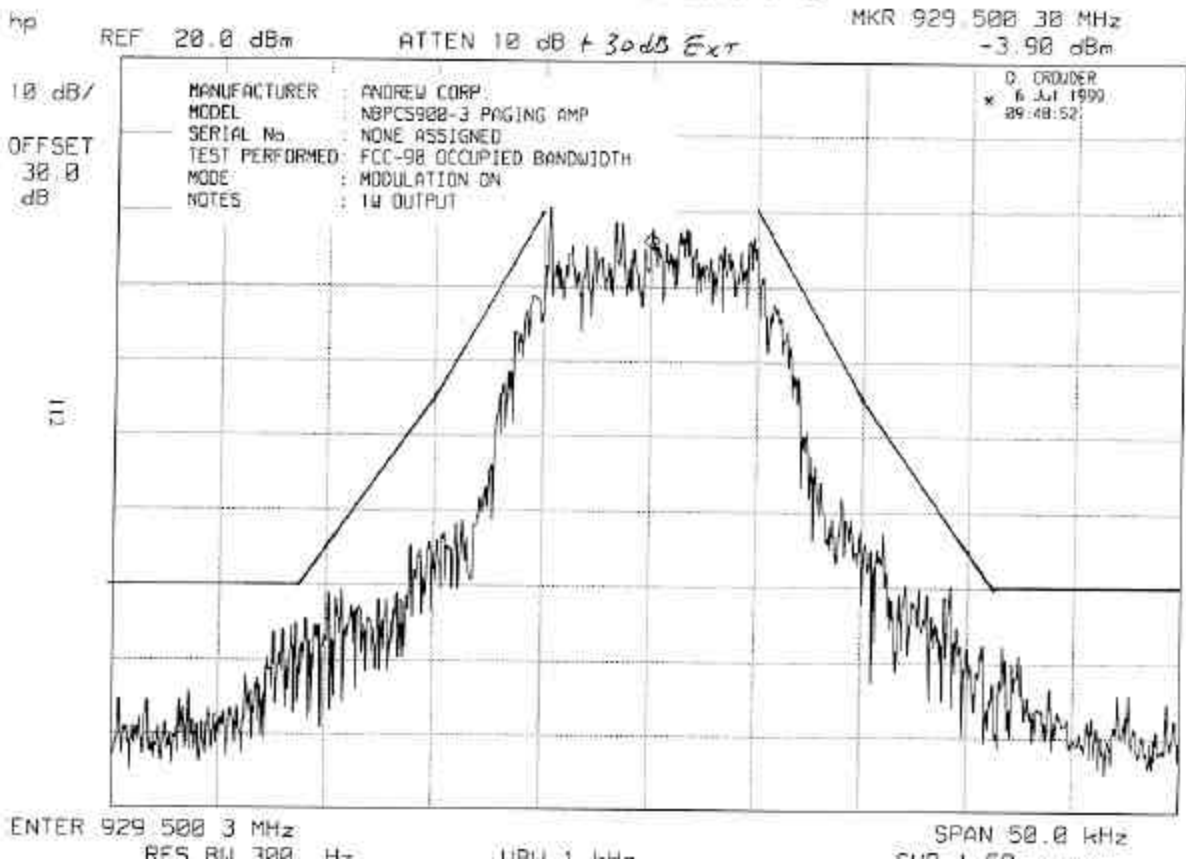


ELITE ELECTRONIC ENGINEERING CO



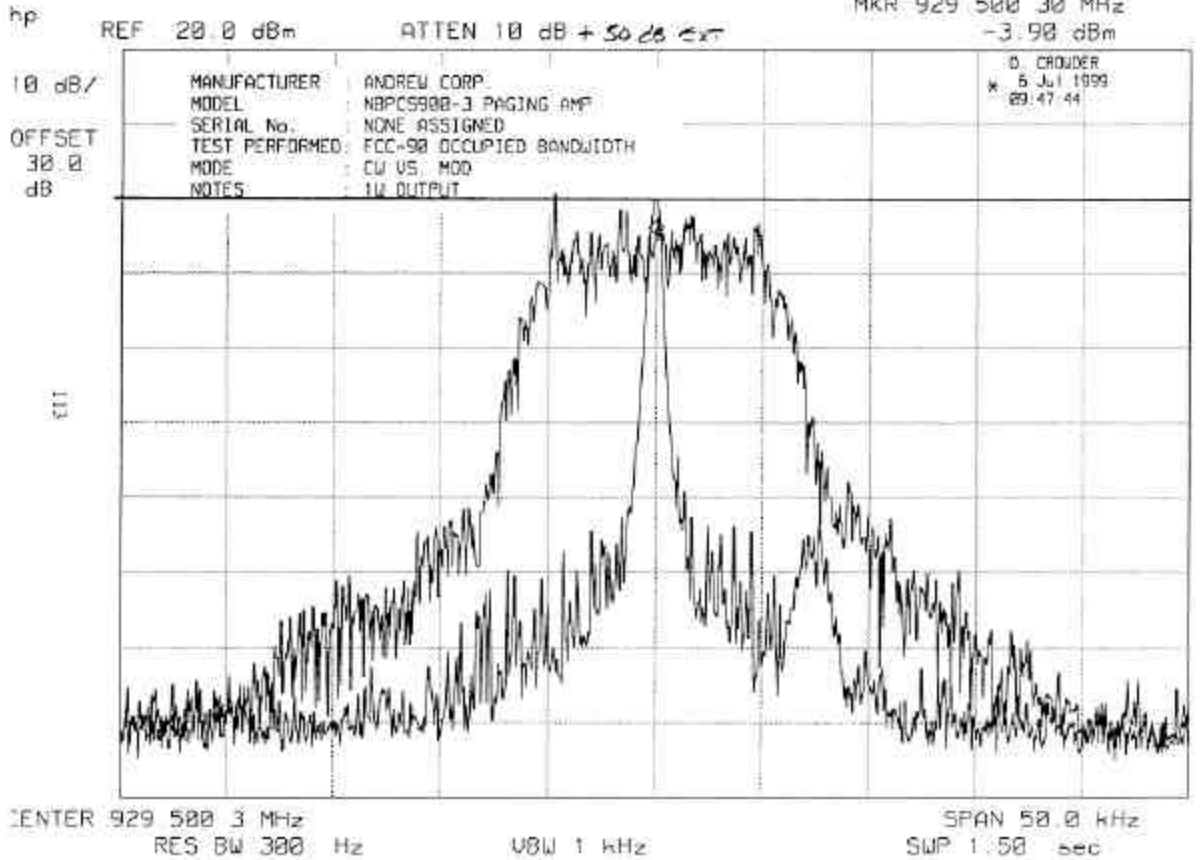
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ELITE ELECTRONIC ENGINEERING CO



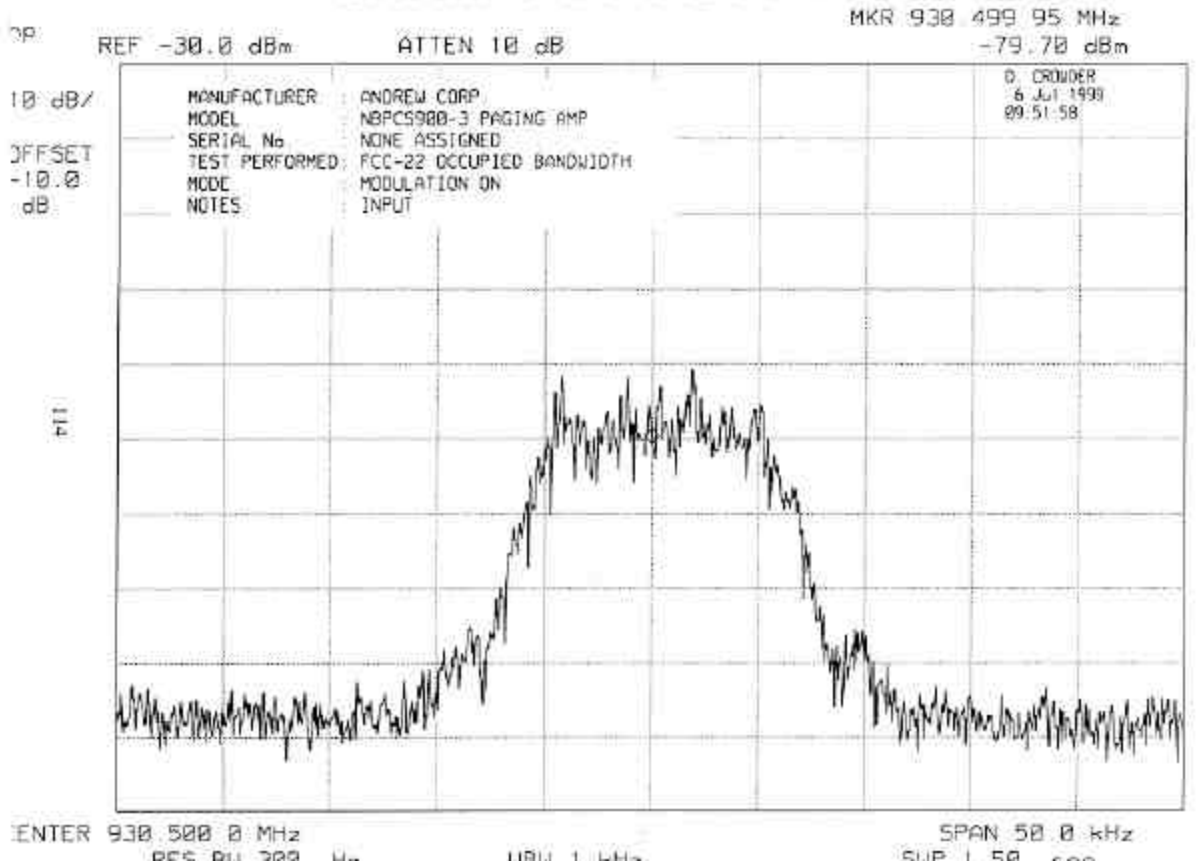
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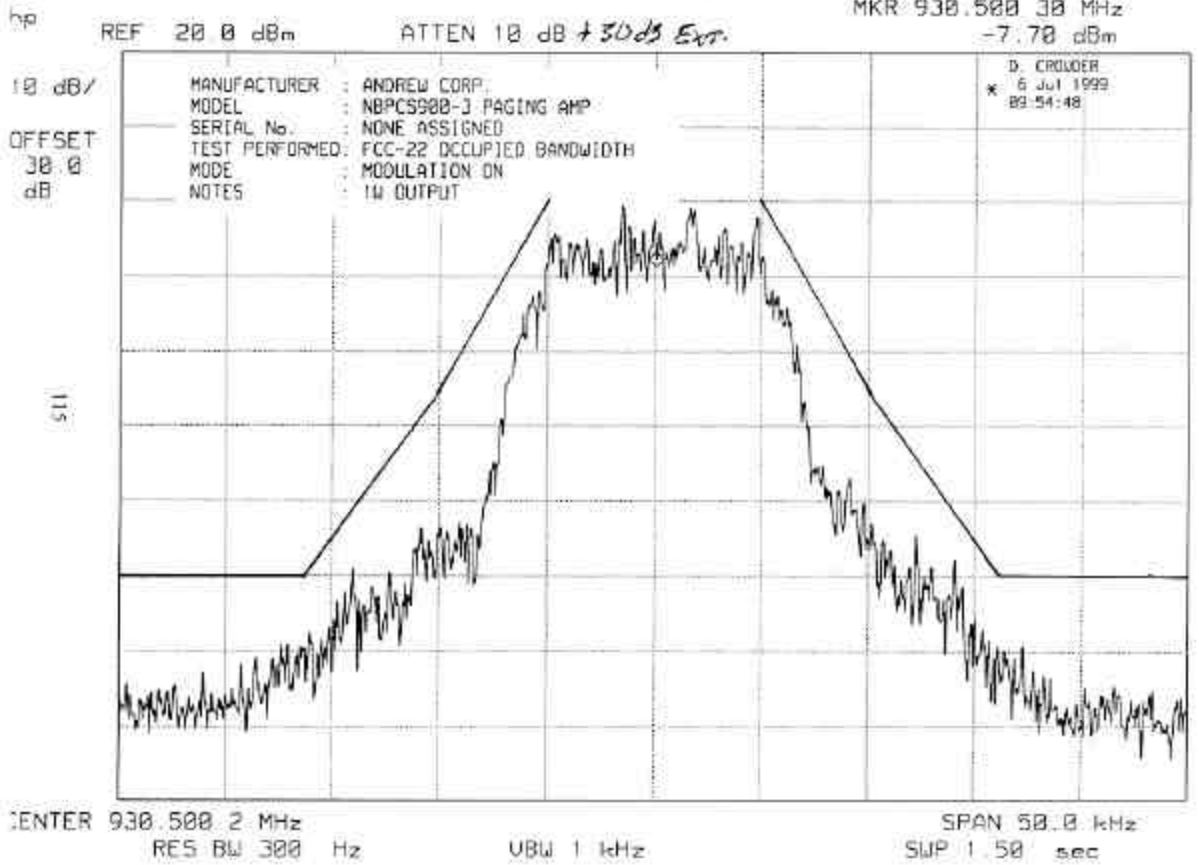
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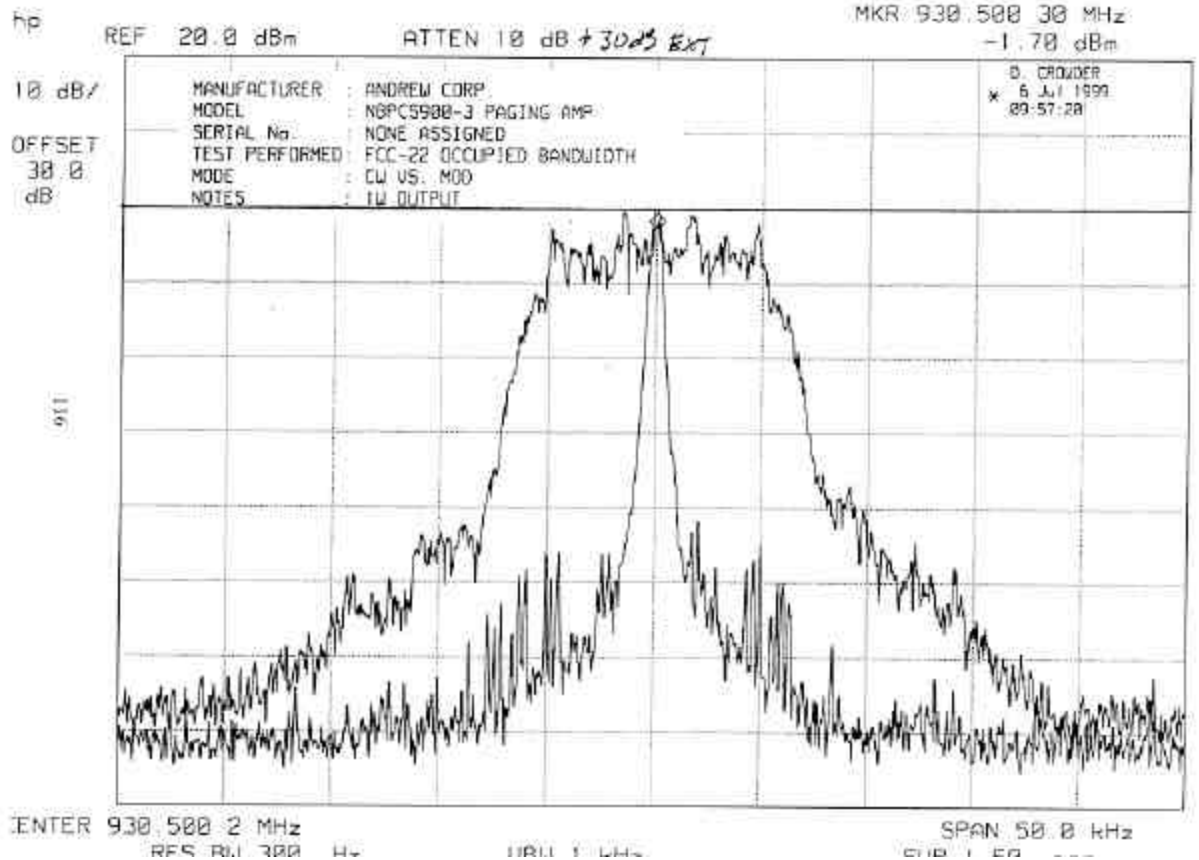


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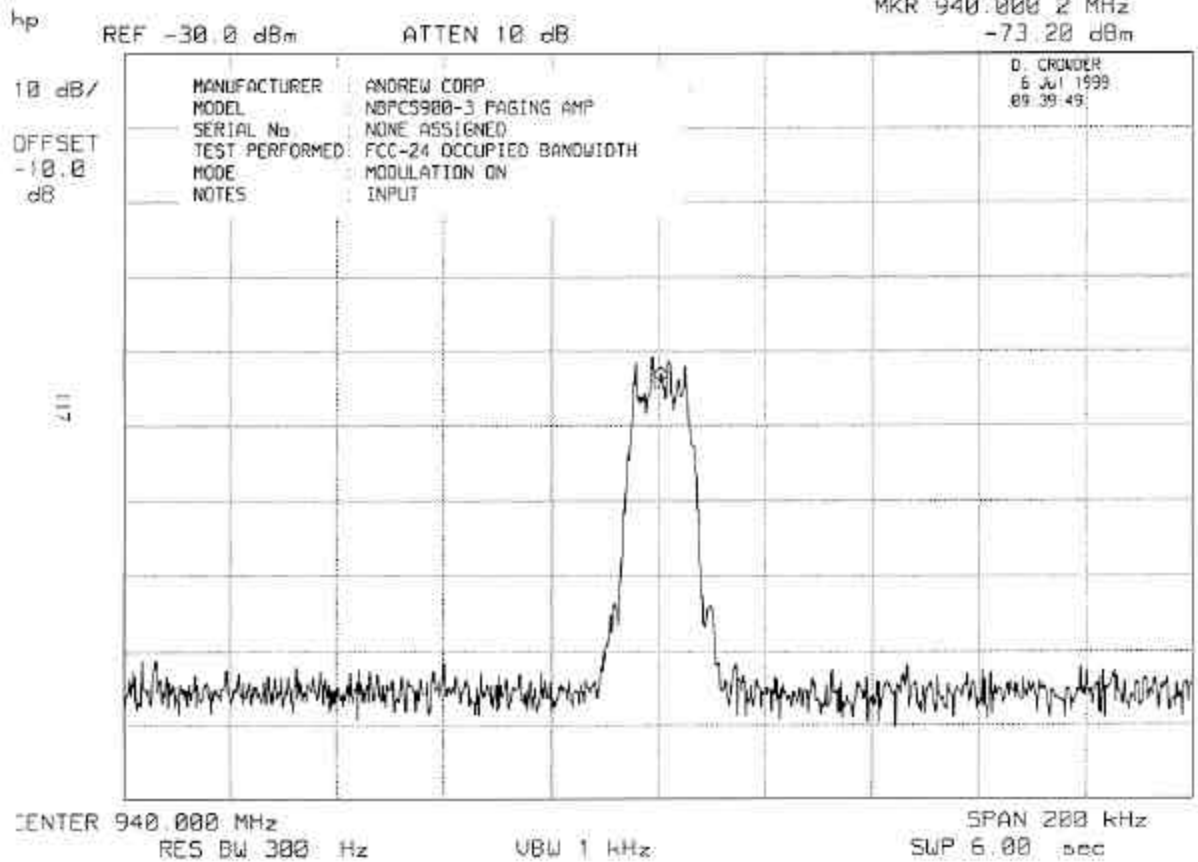
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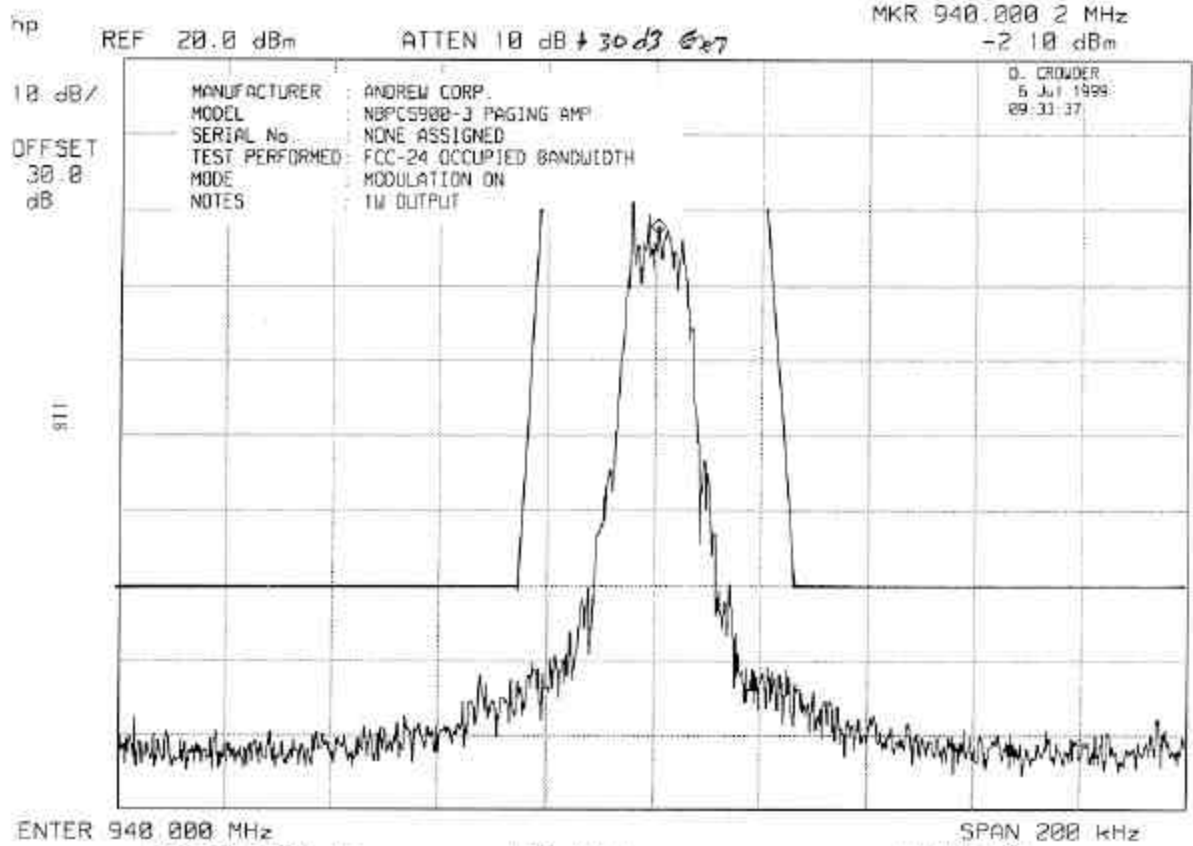


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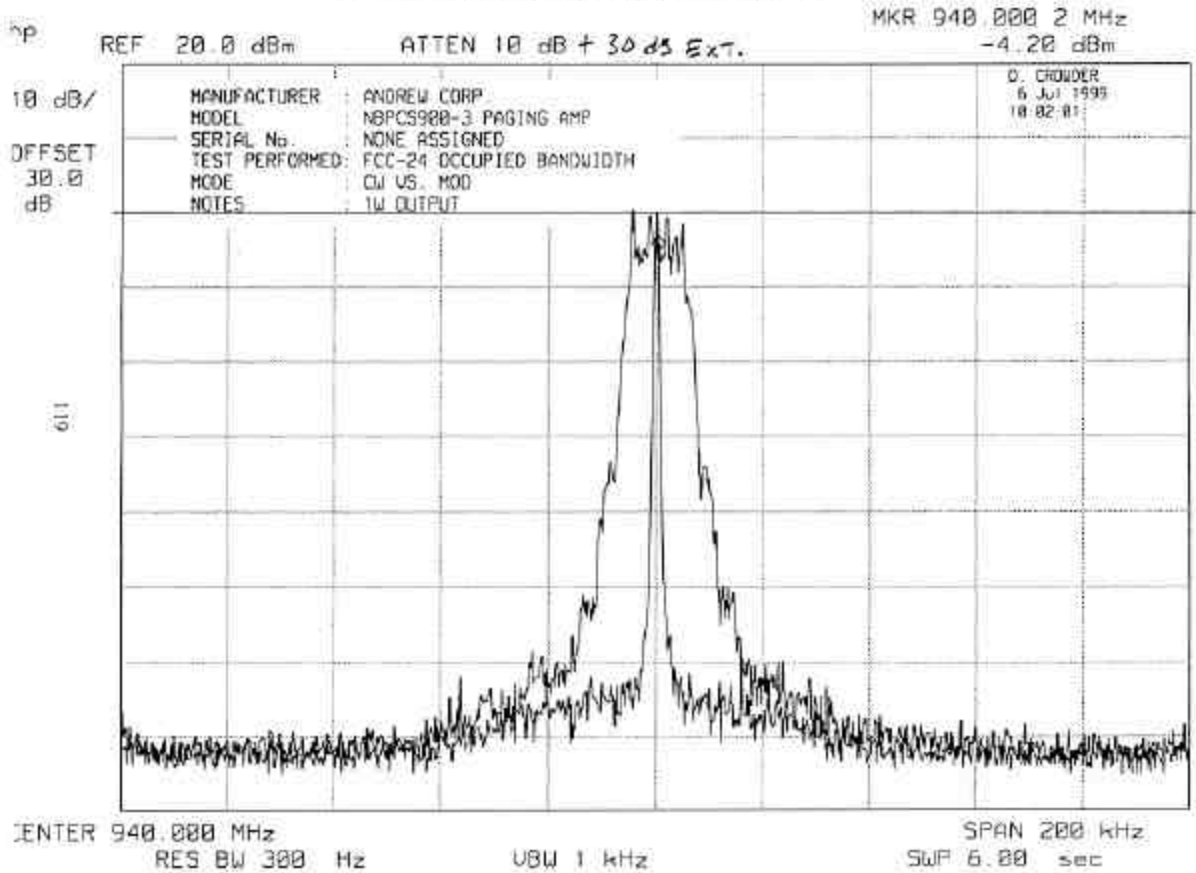
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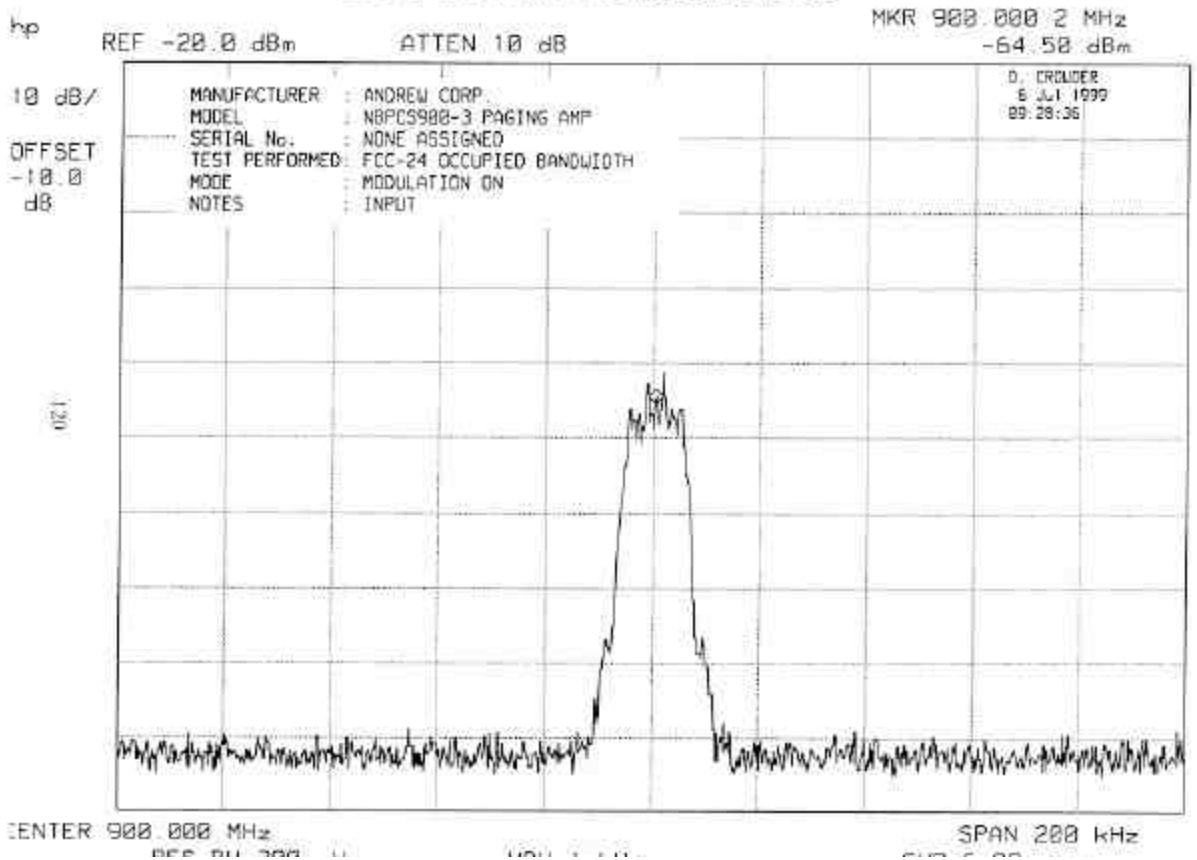
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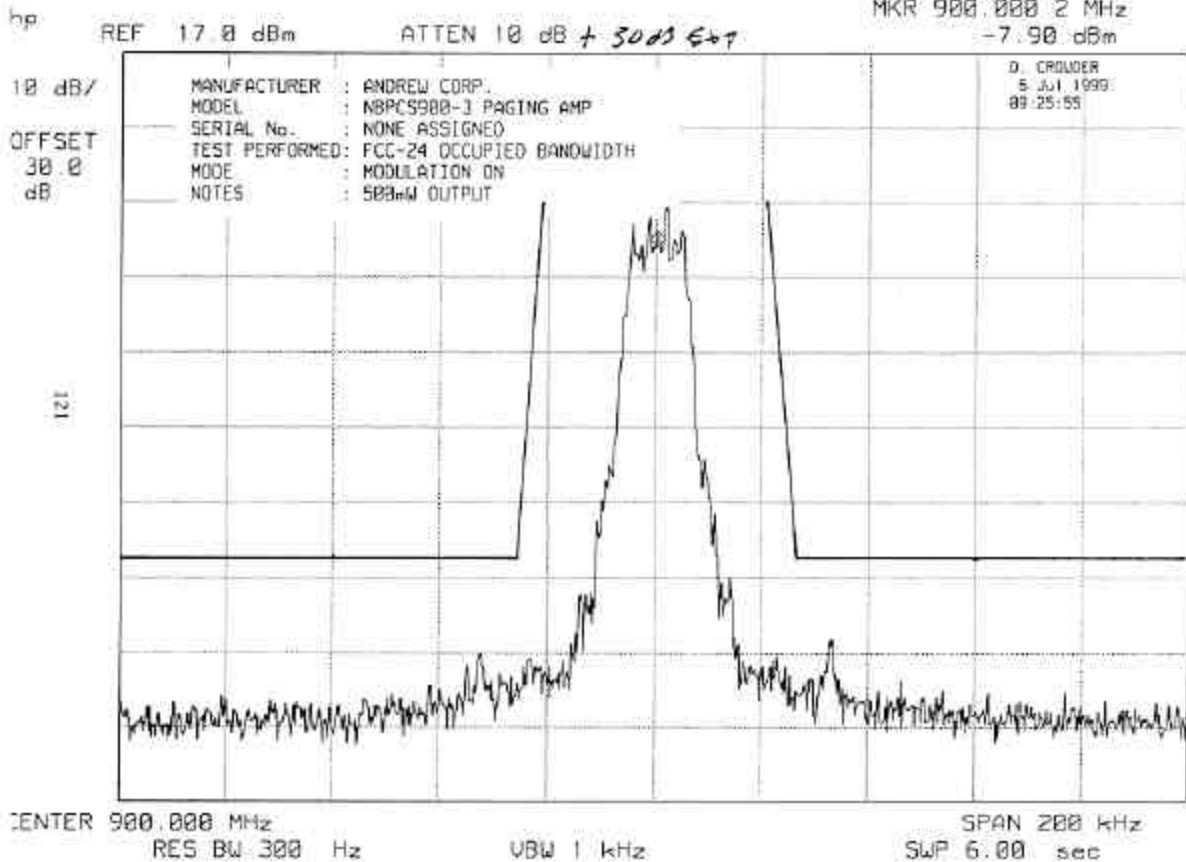
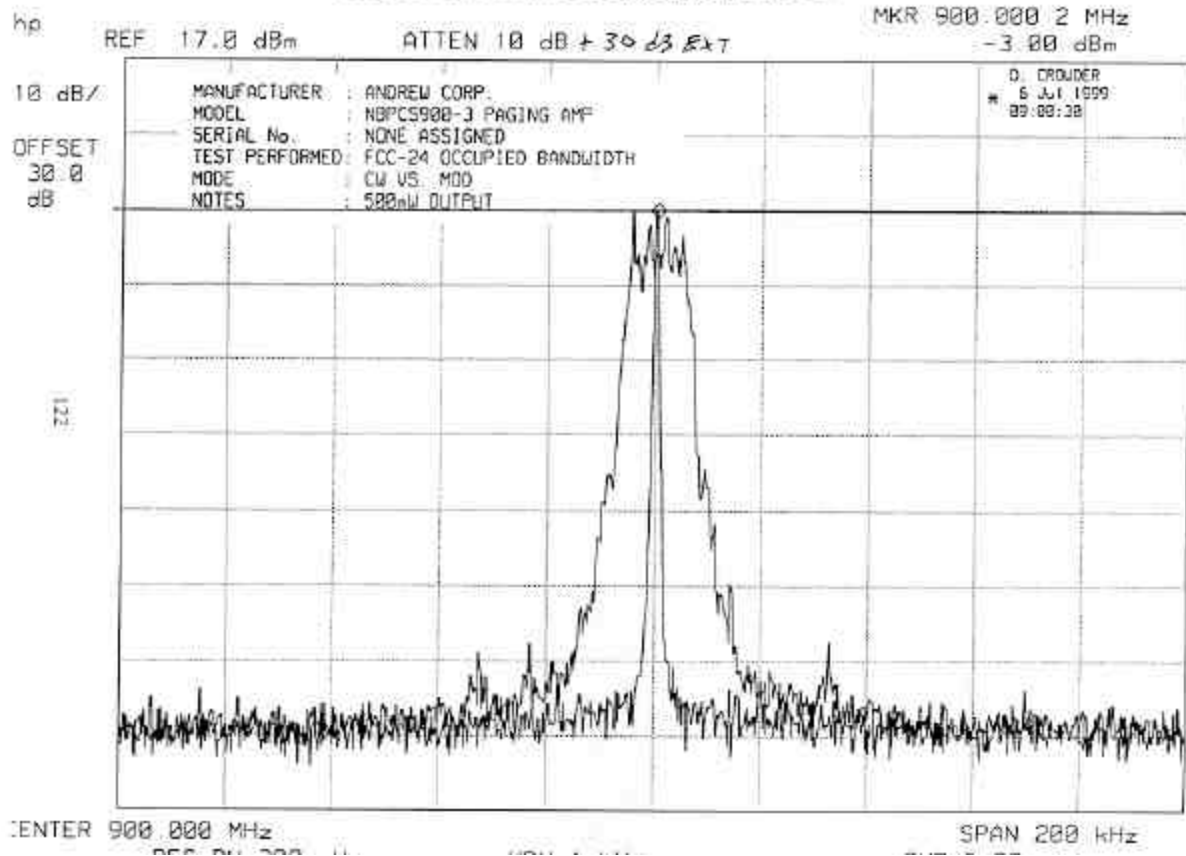


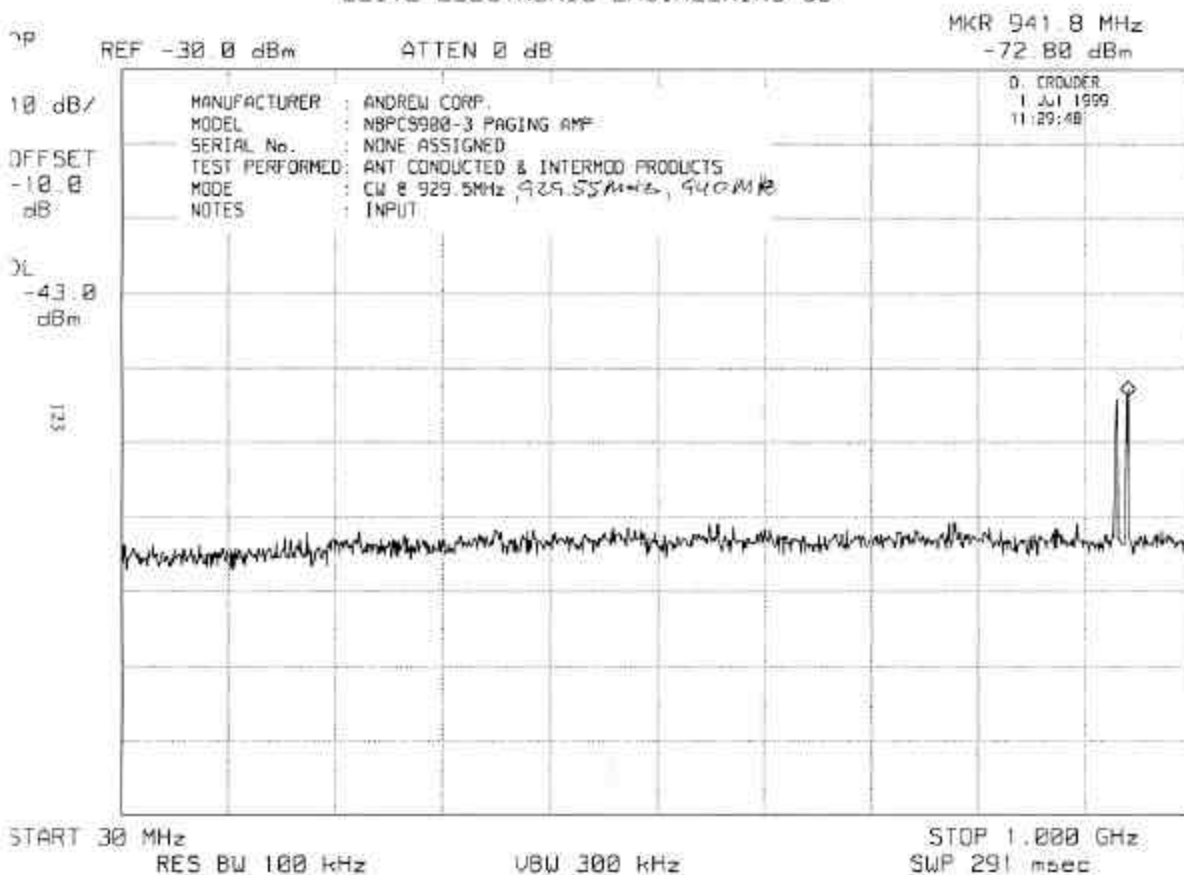
FIGURE A11.017

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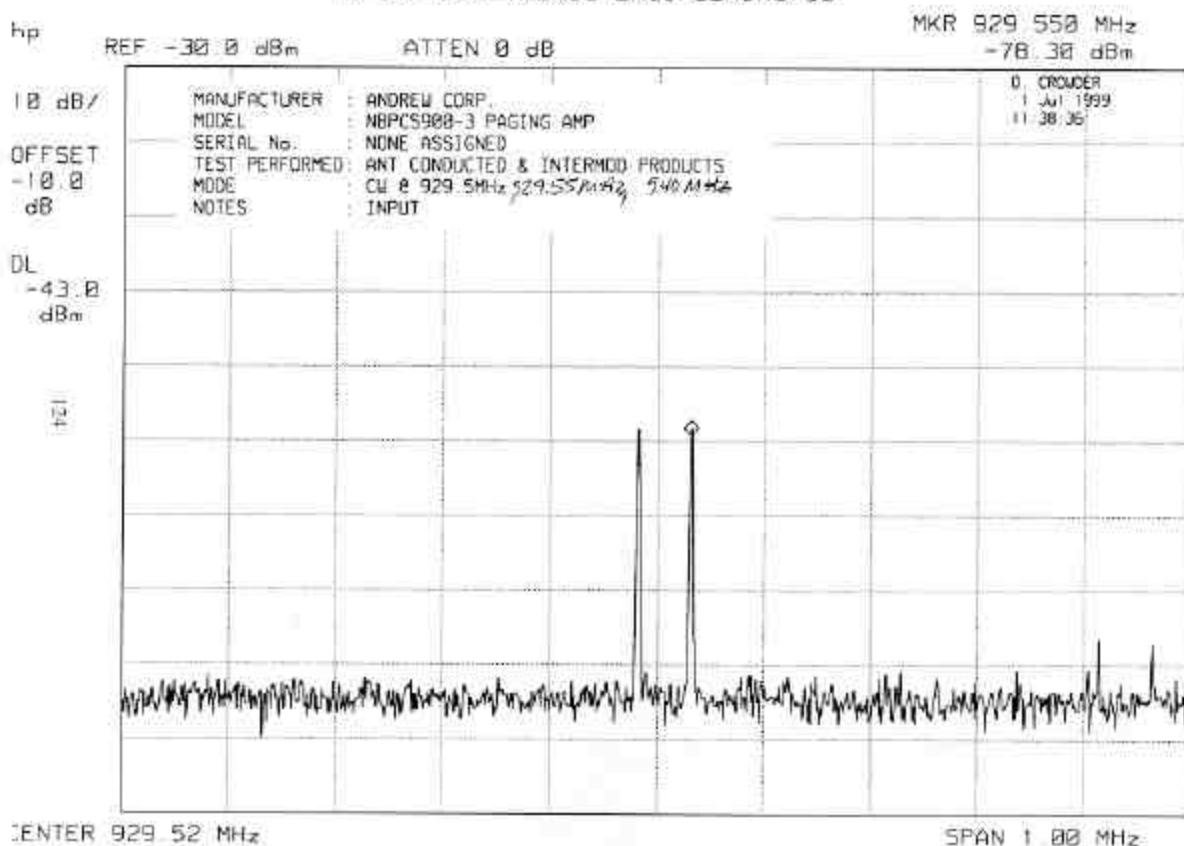
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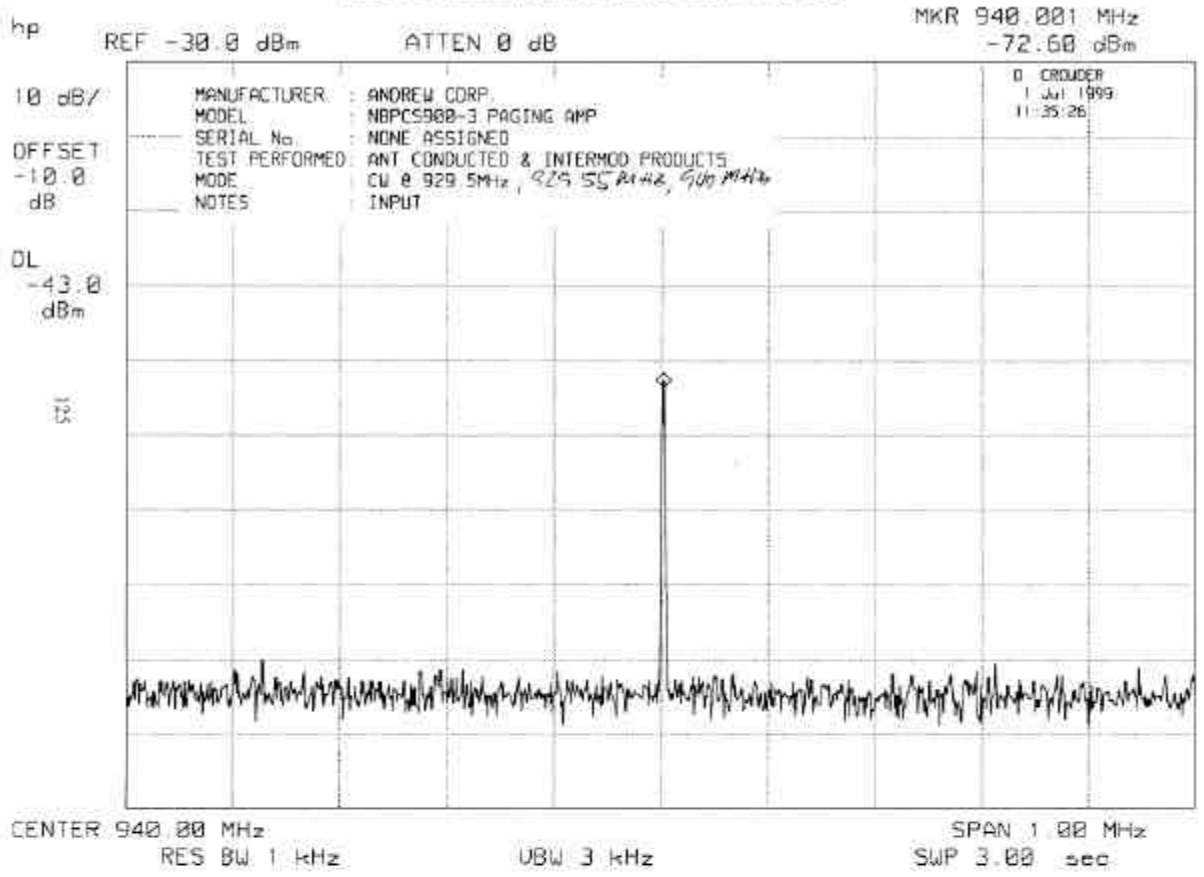
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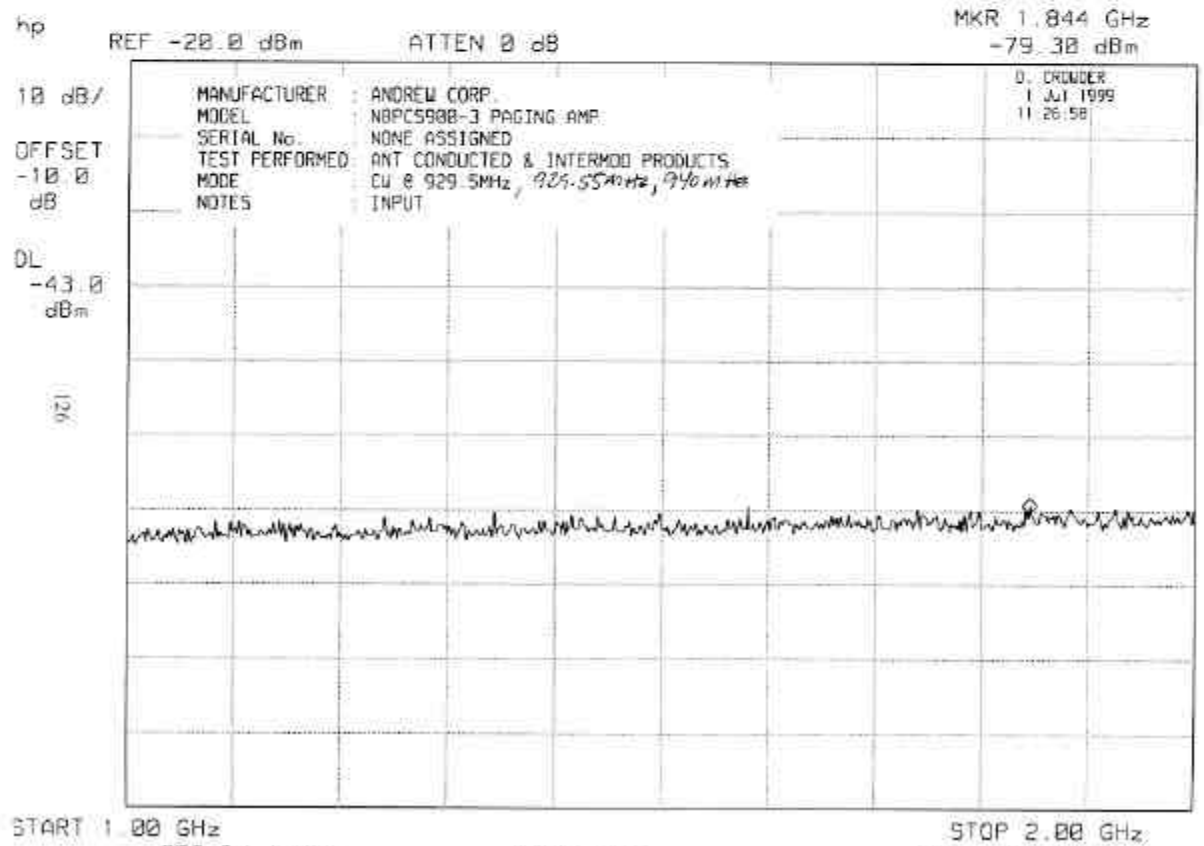
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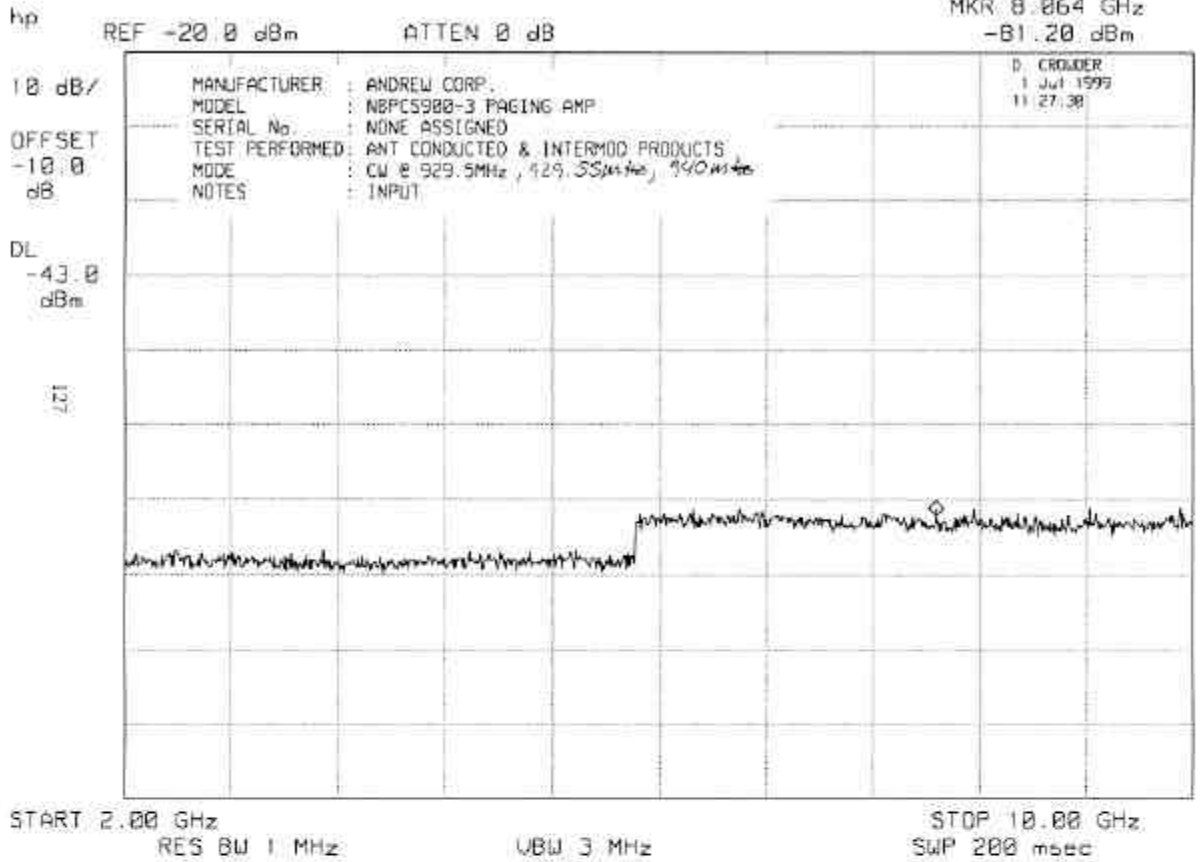
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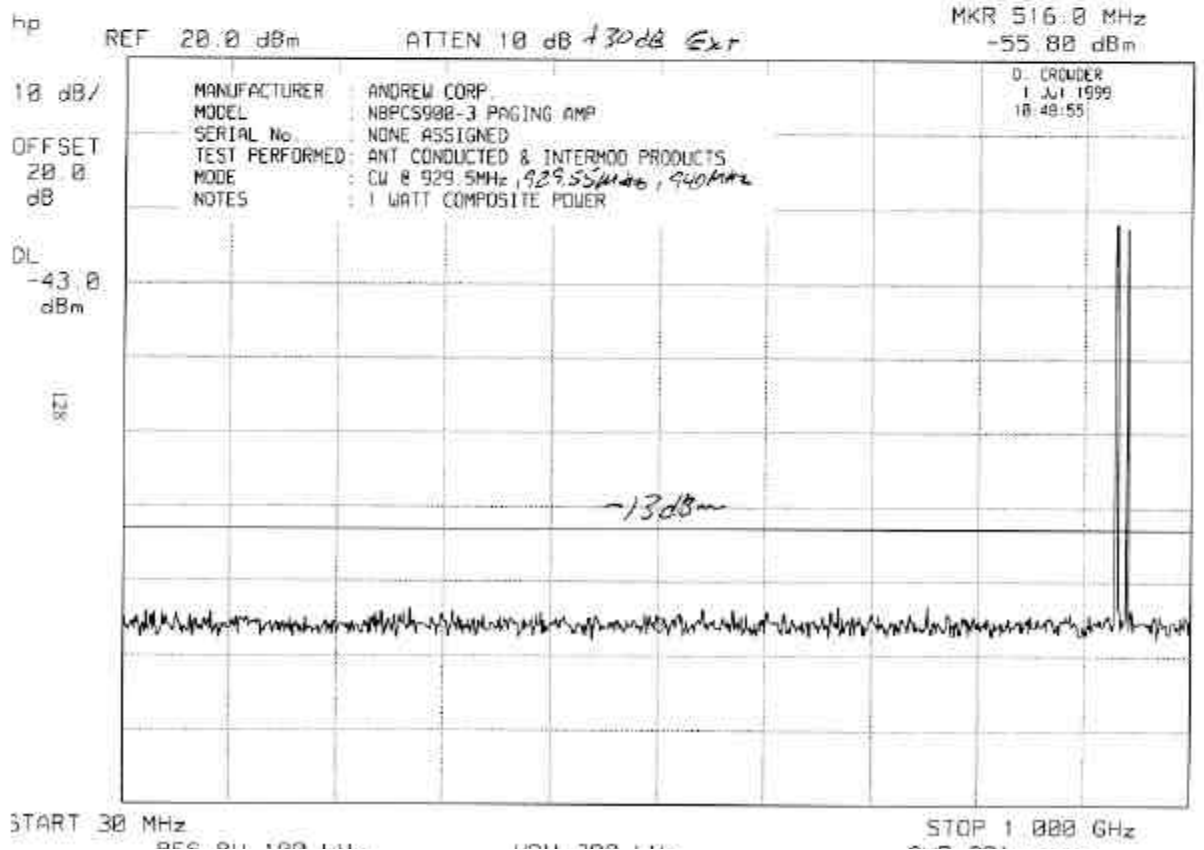


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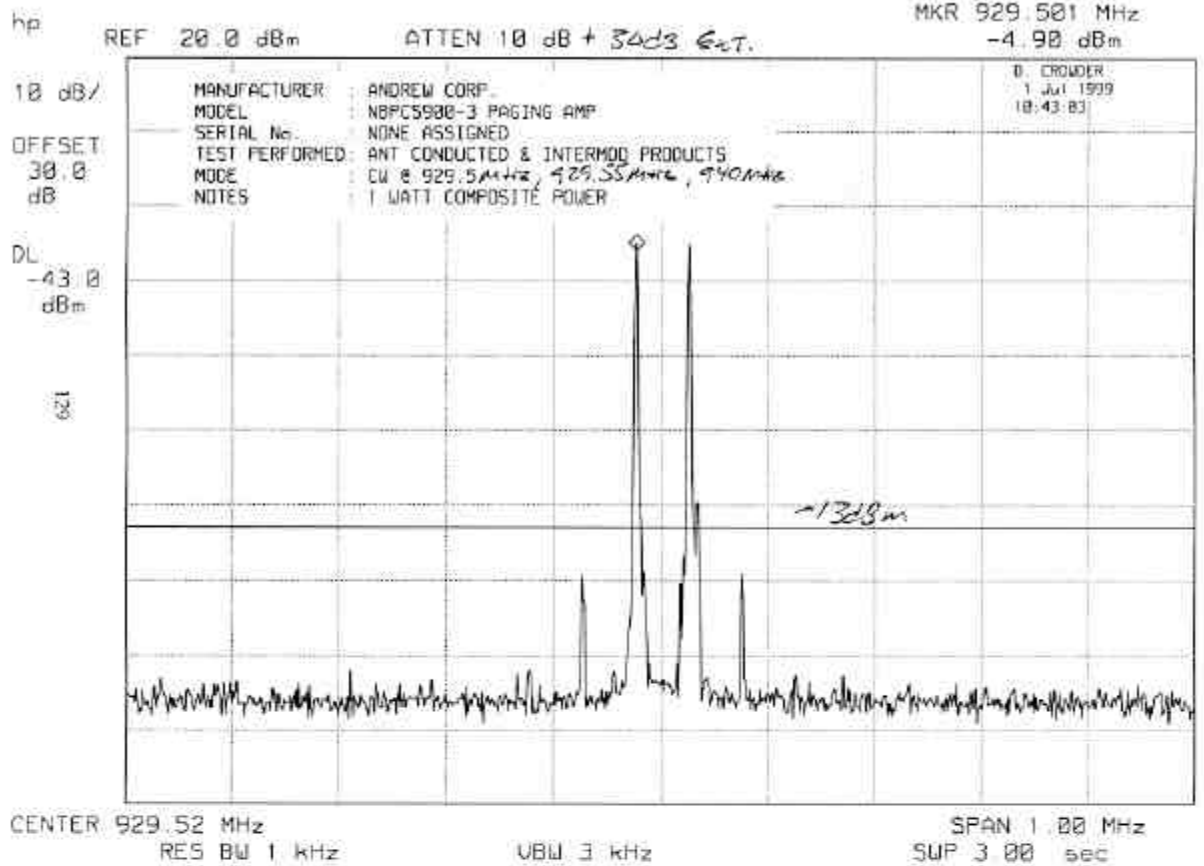
ELITE ELECTRONIC ENGINEERING CO



ELITE ELECTRONIC ENGINEERING CO

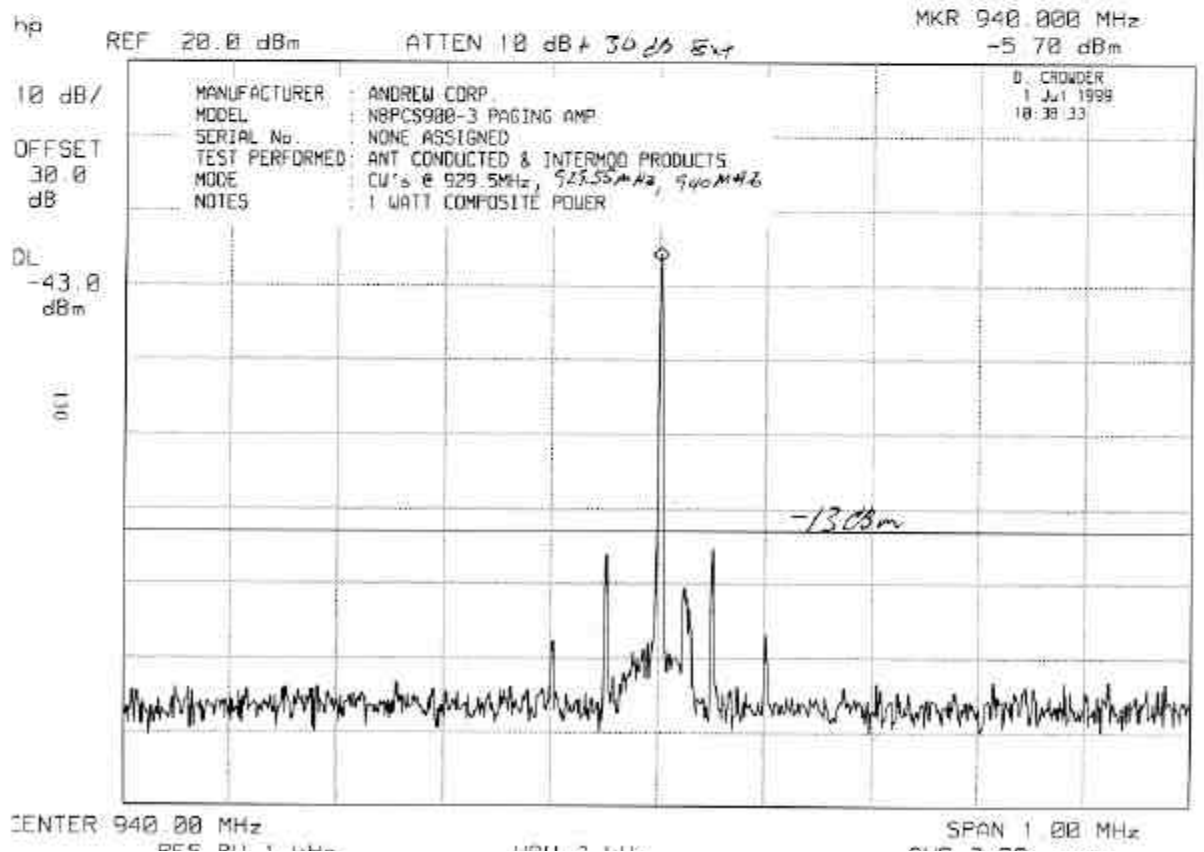


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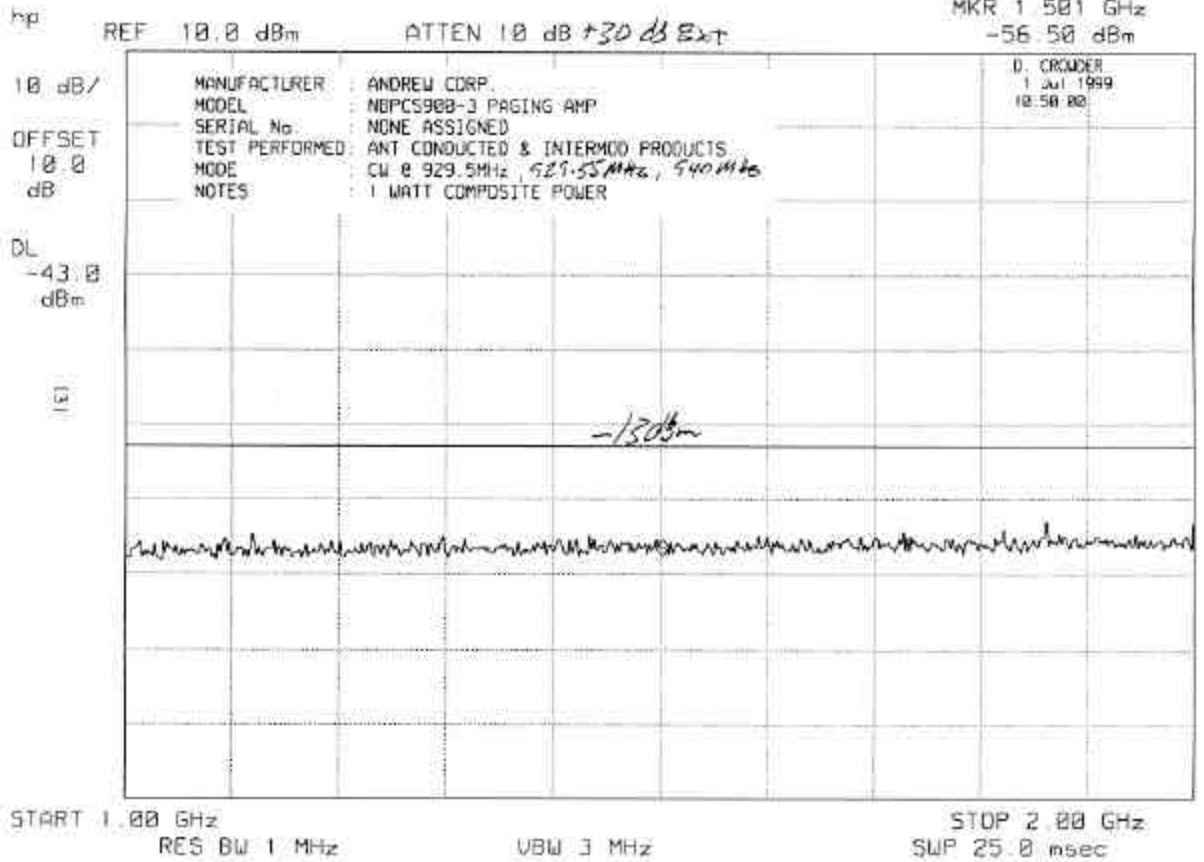
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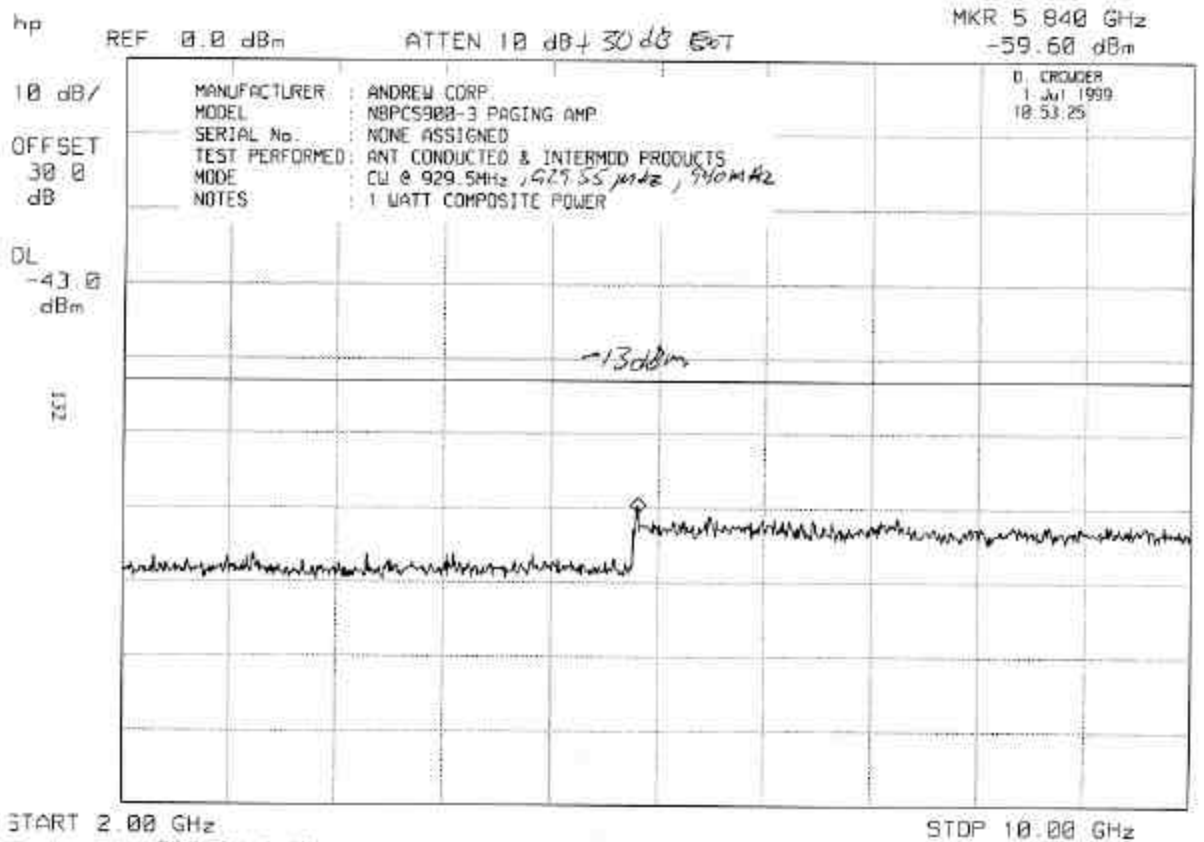
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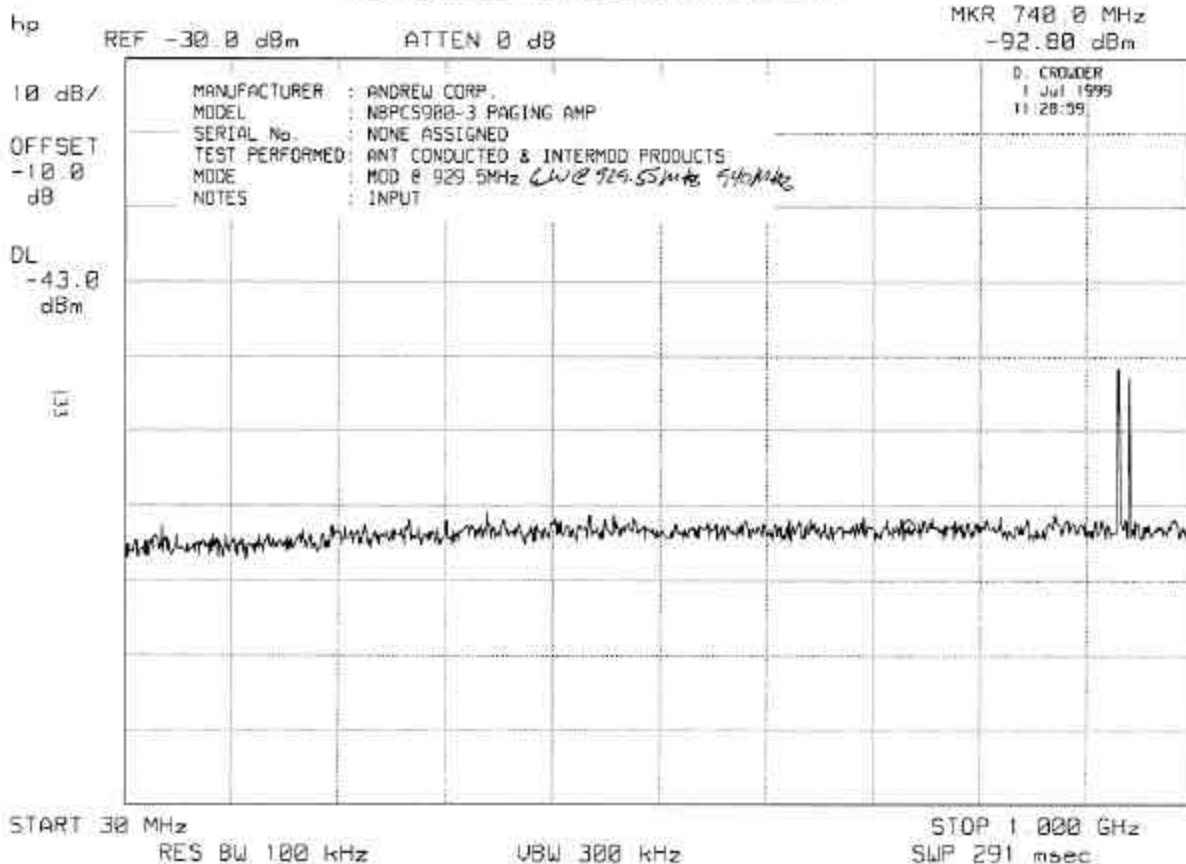
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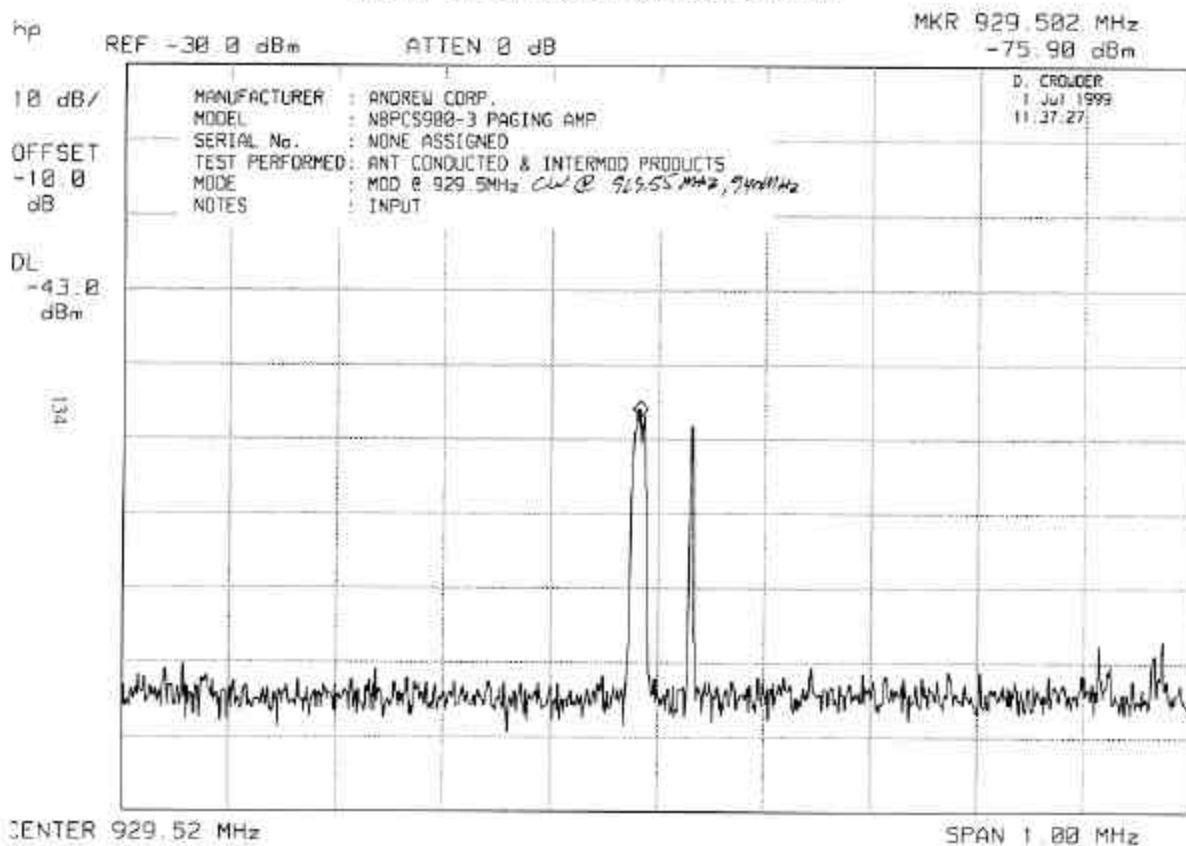
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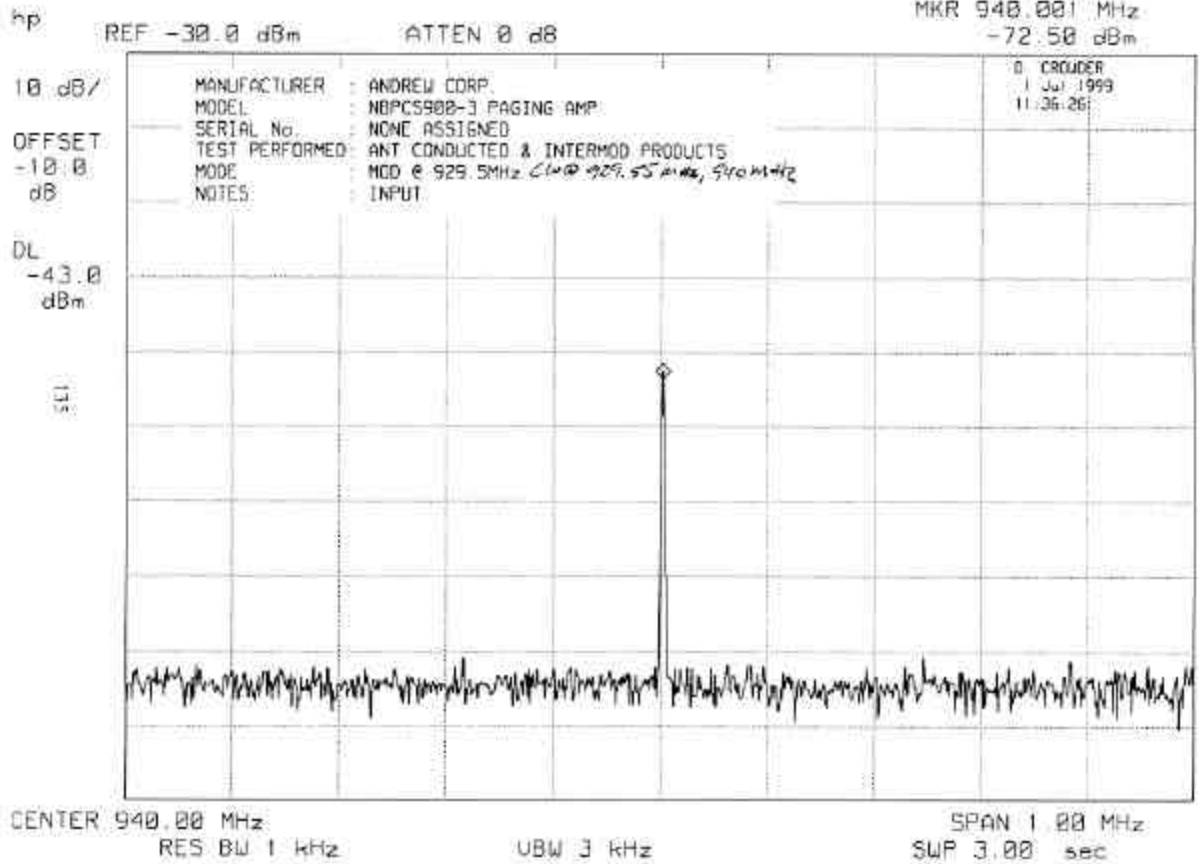
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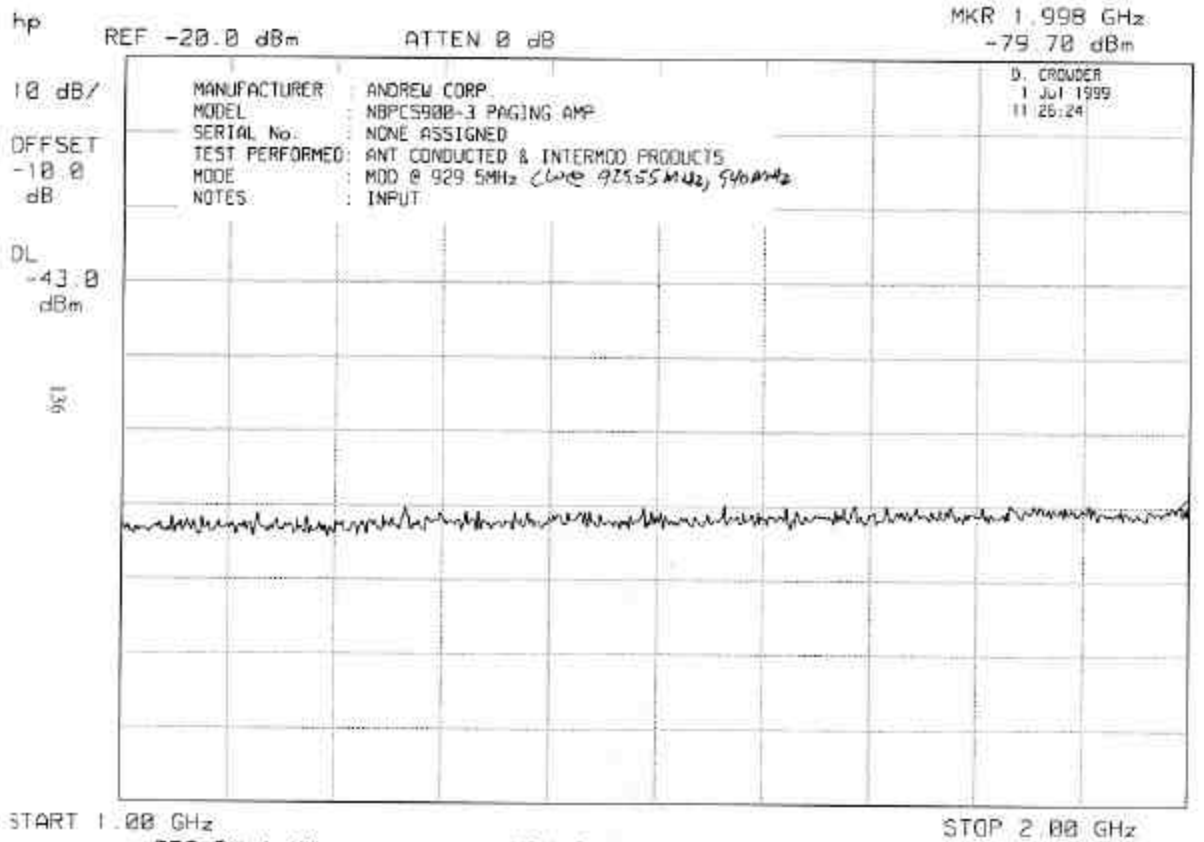
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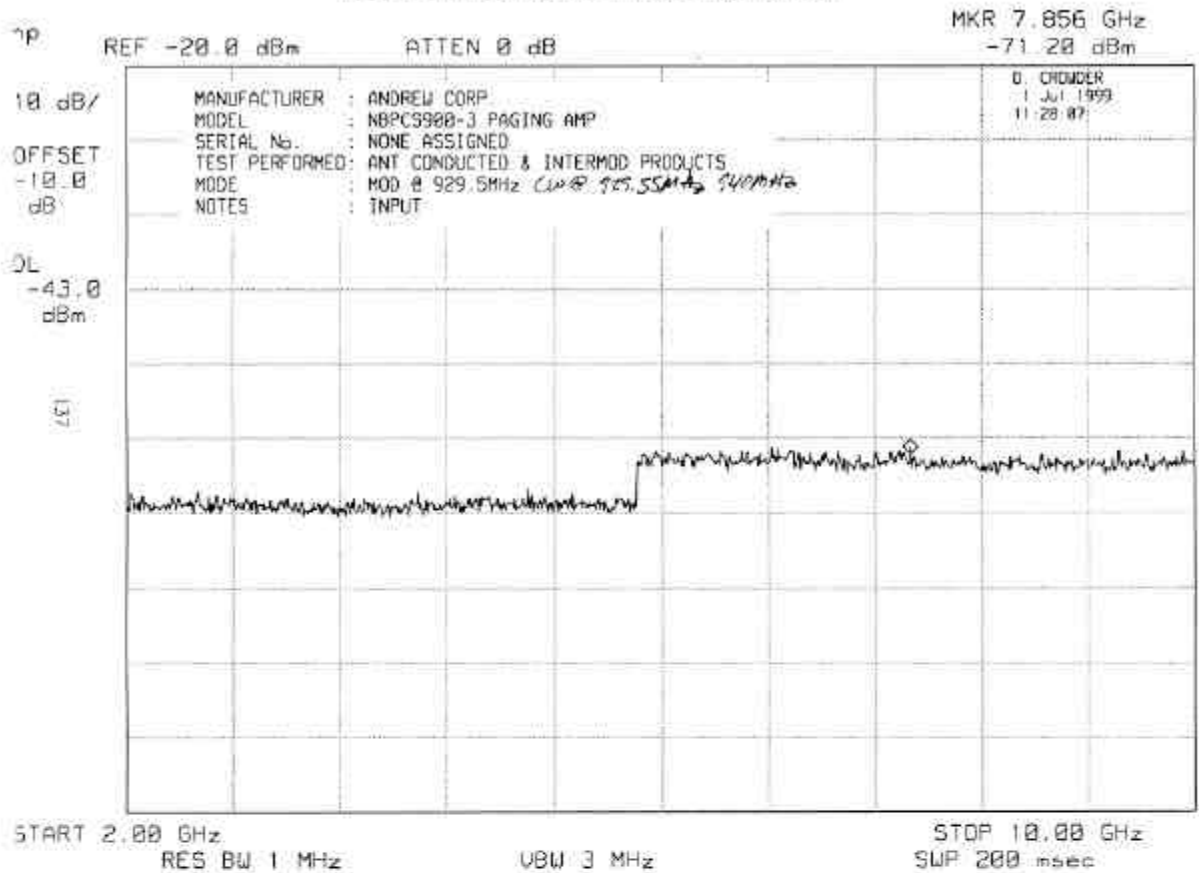
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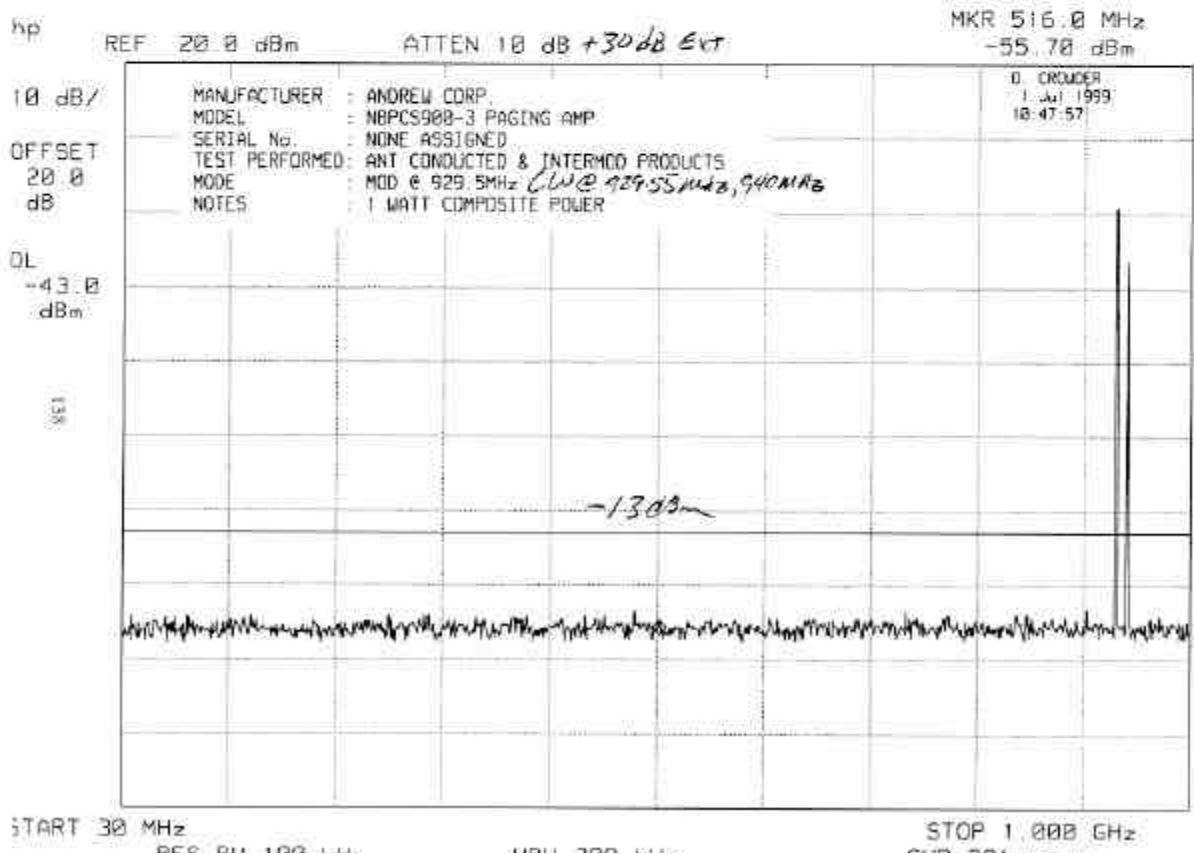
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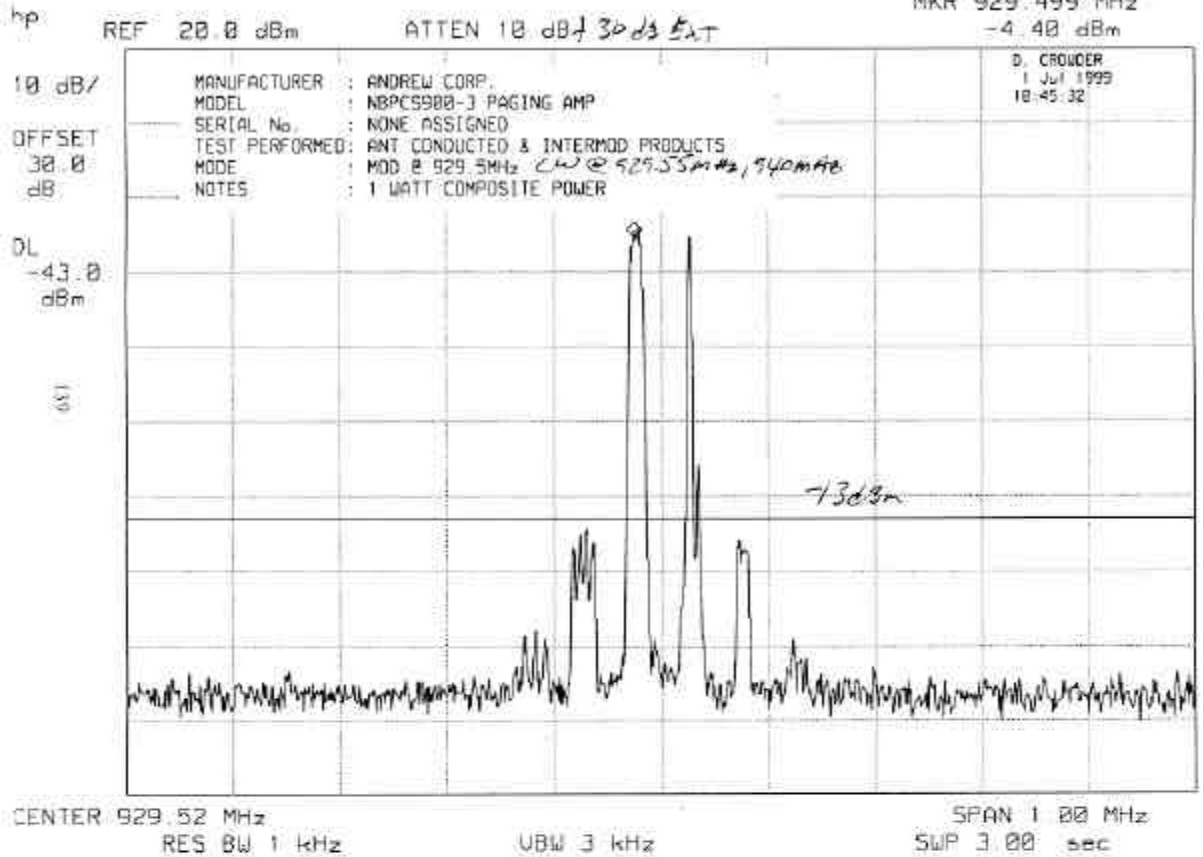
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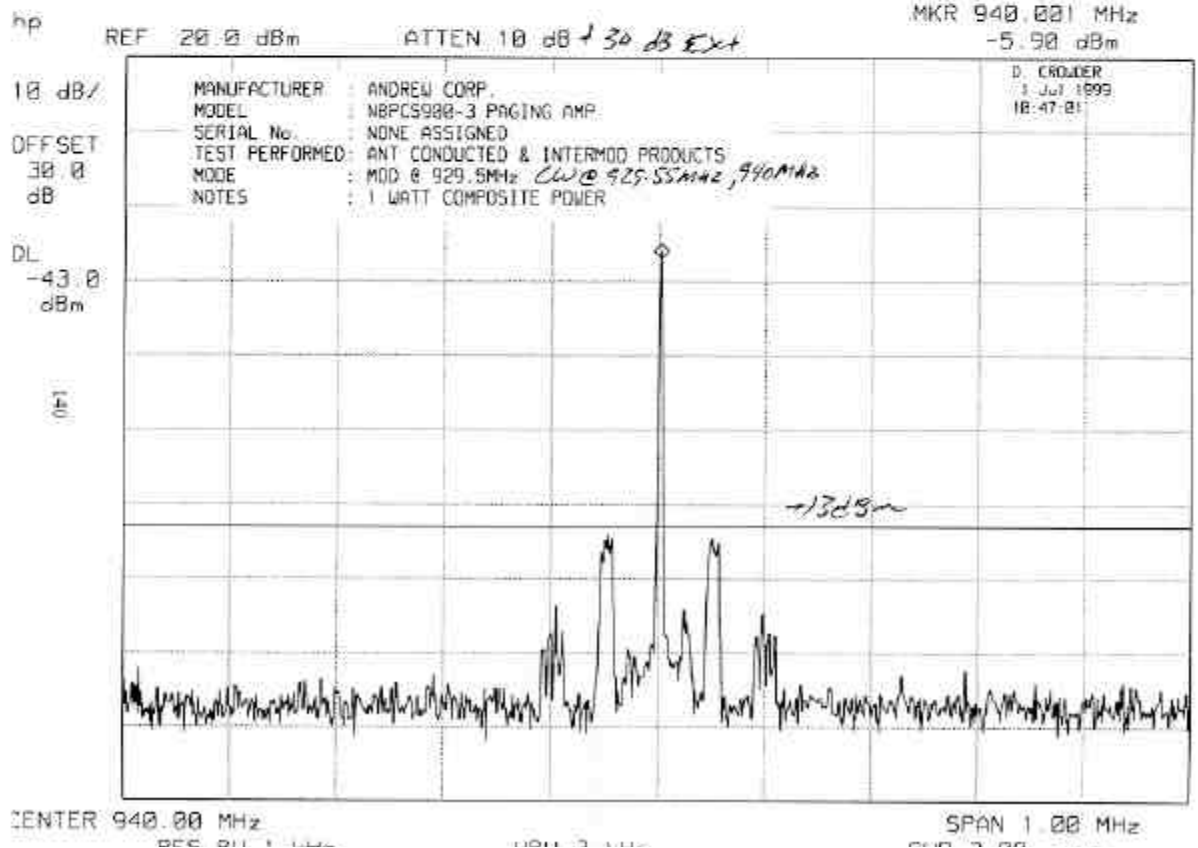
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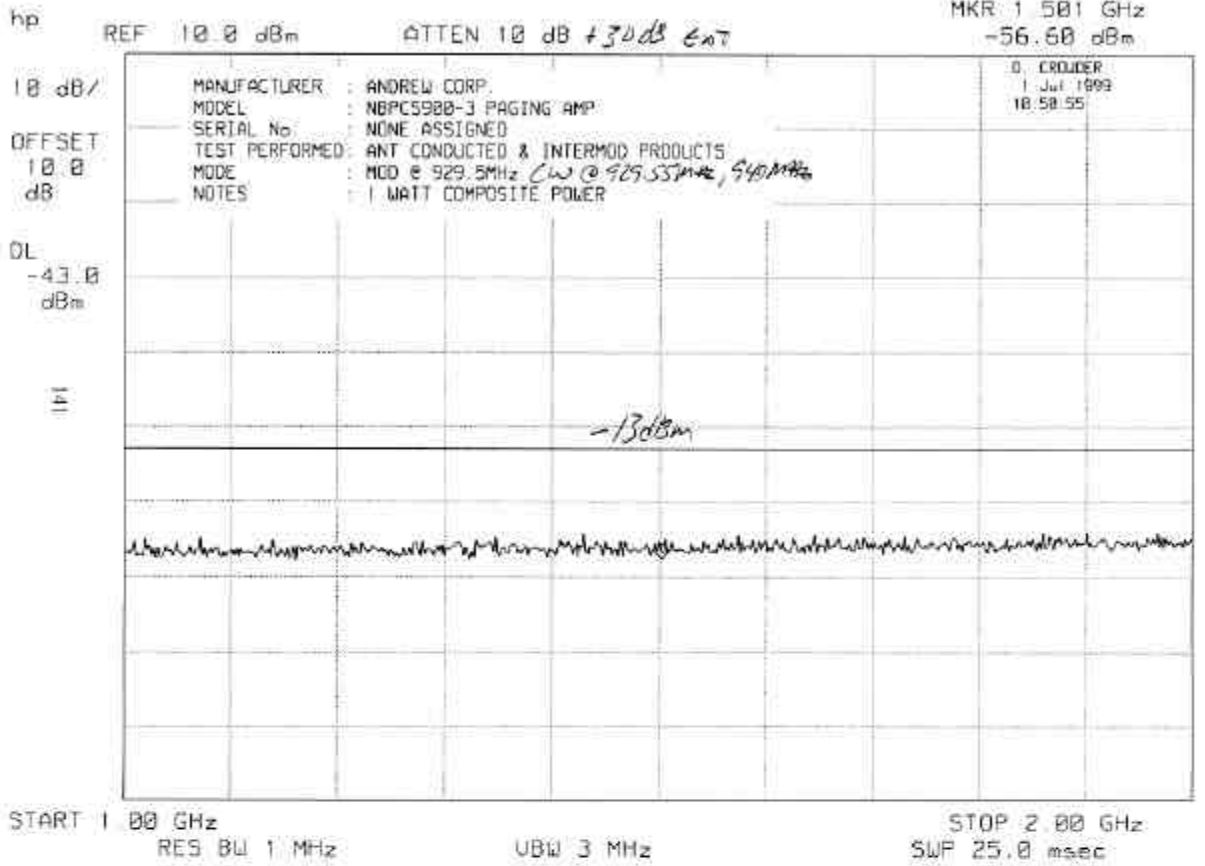
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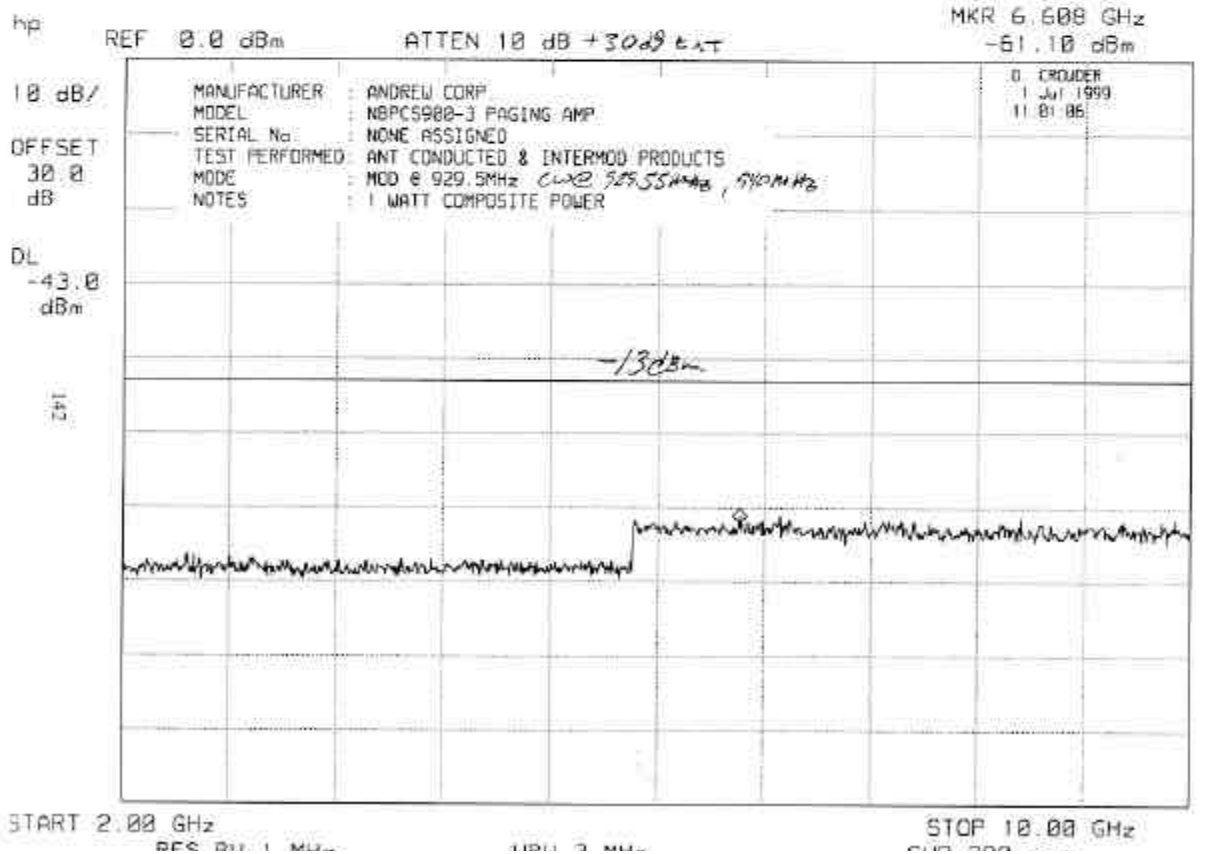
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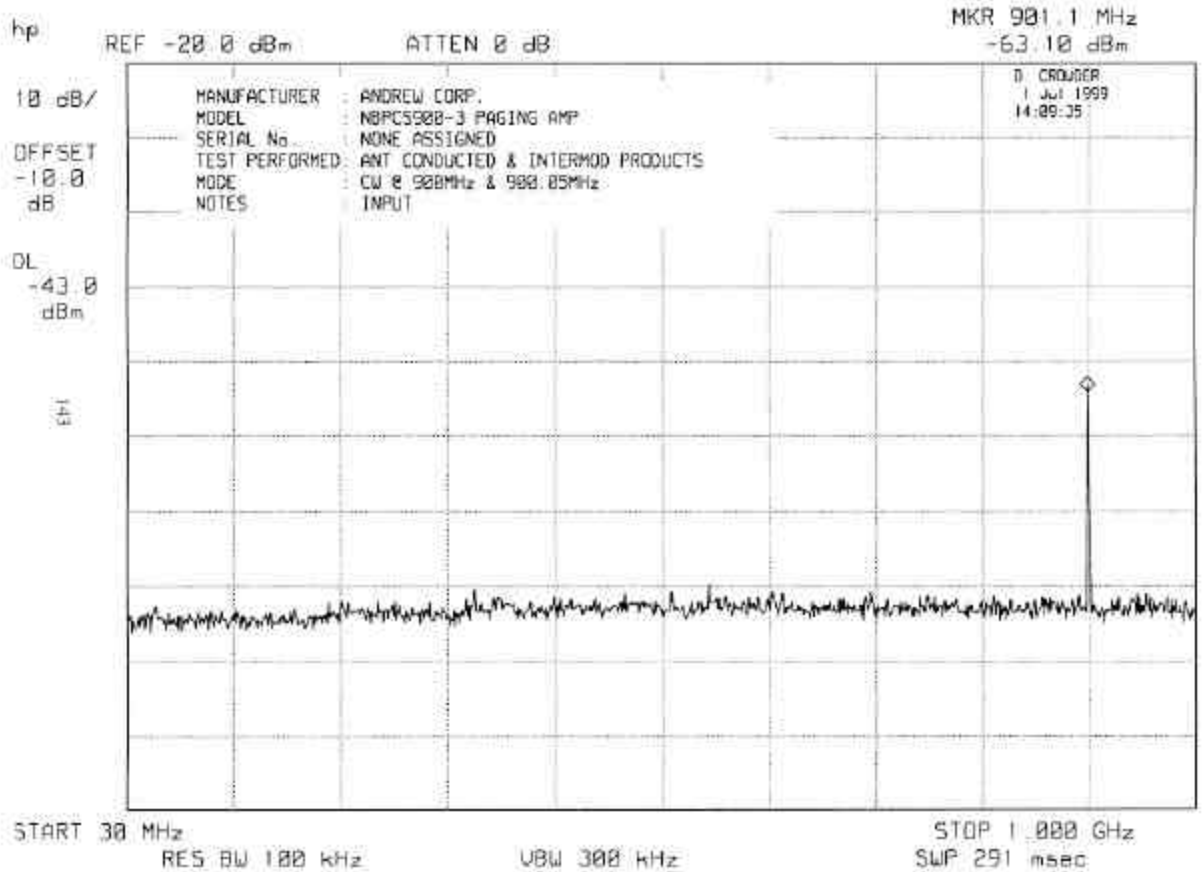
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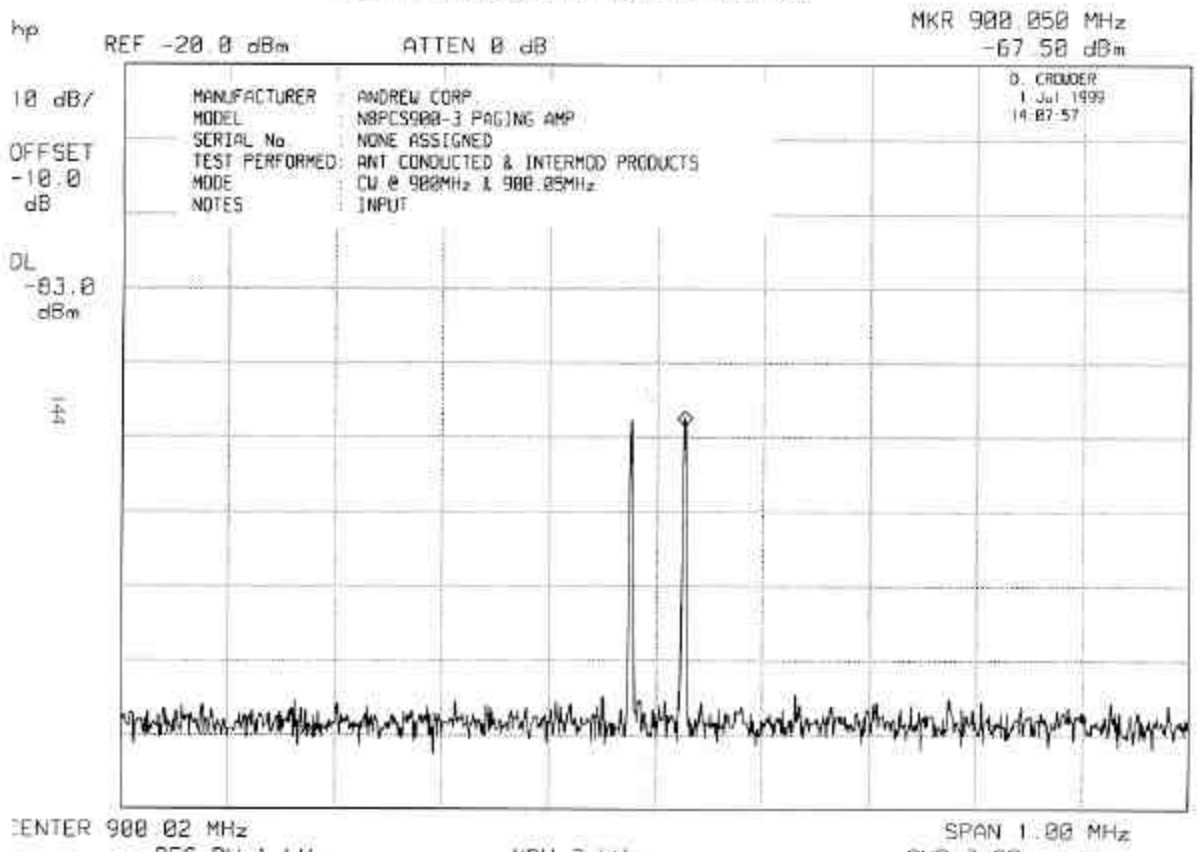
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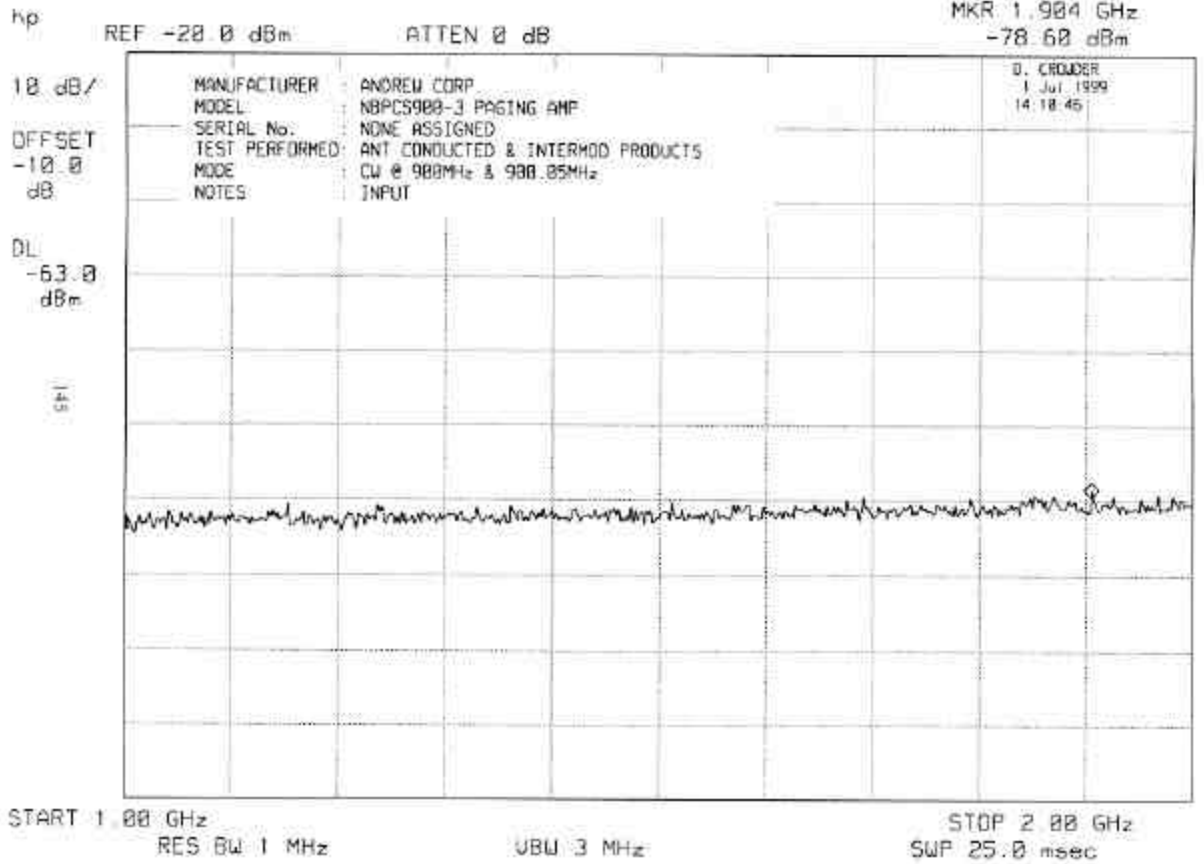
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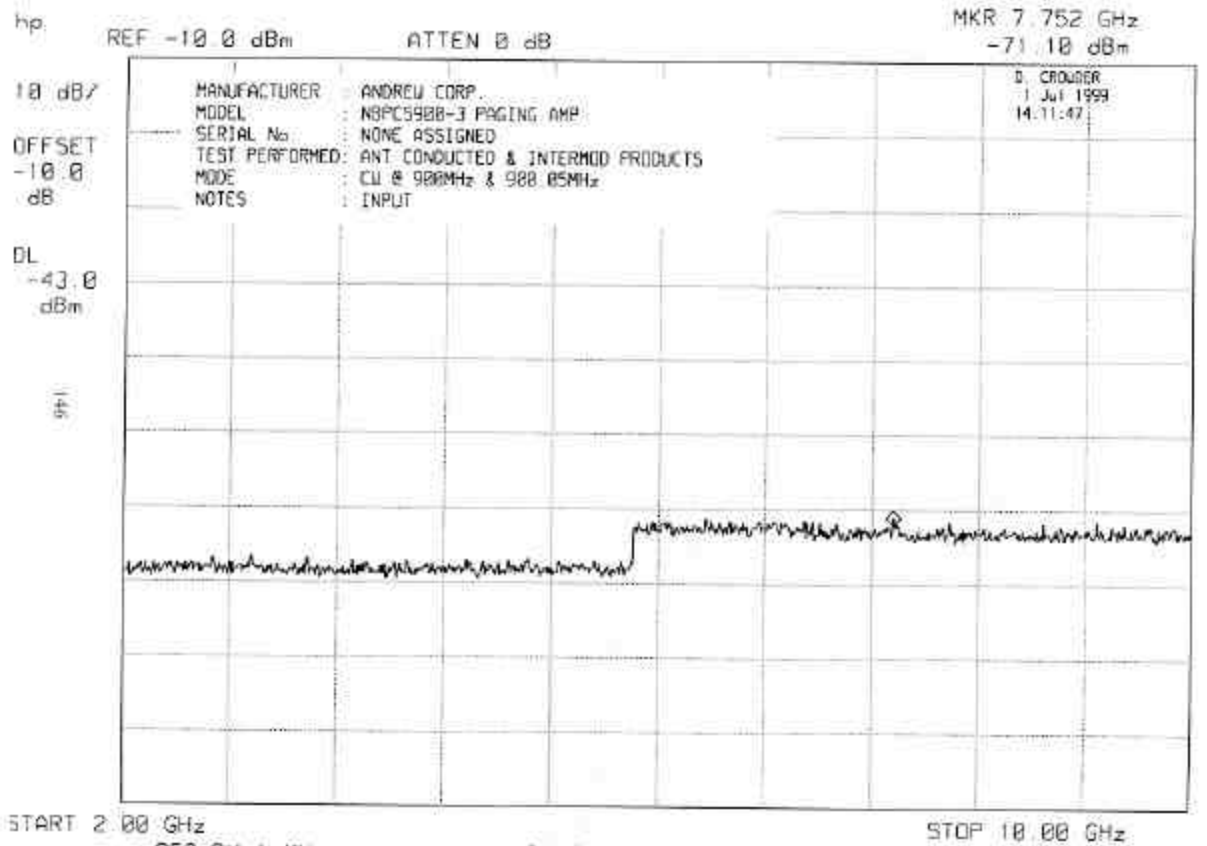
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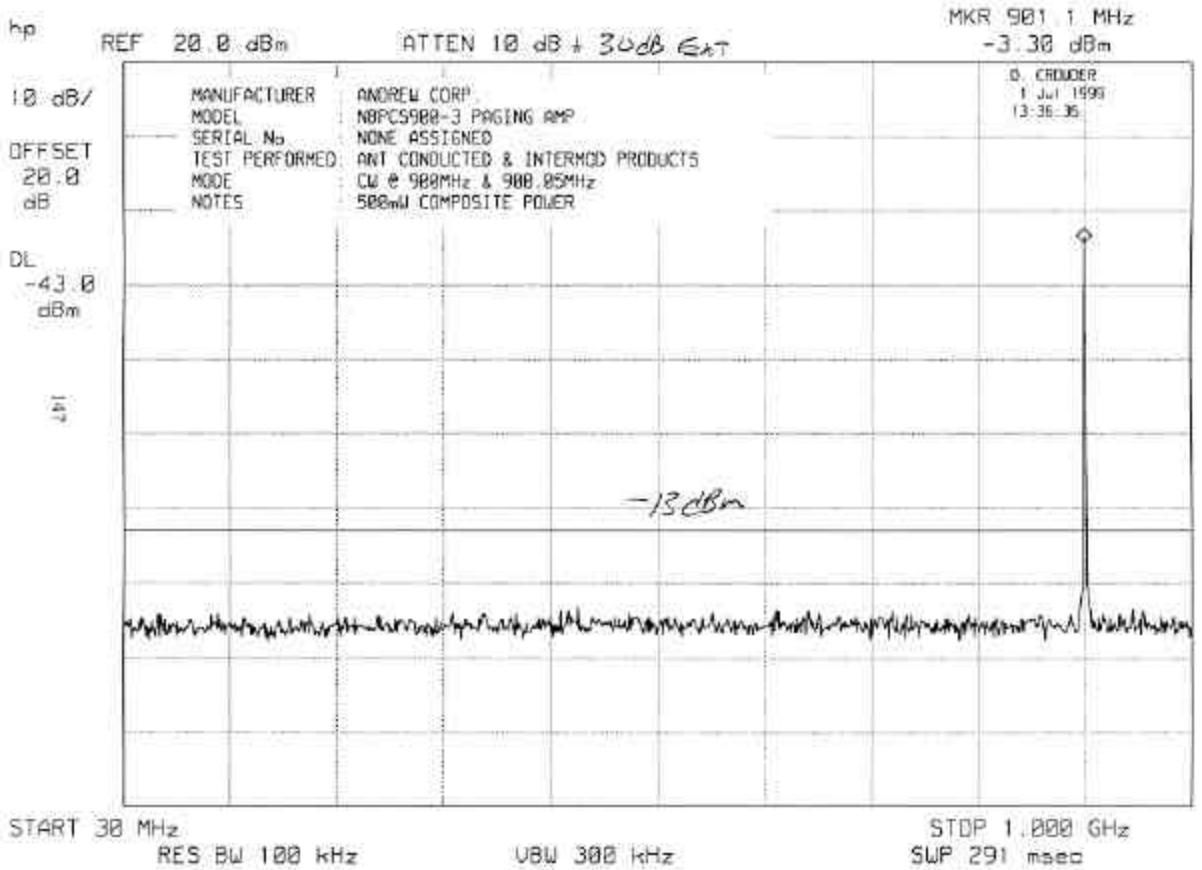
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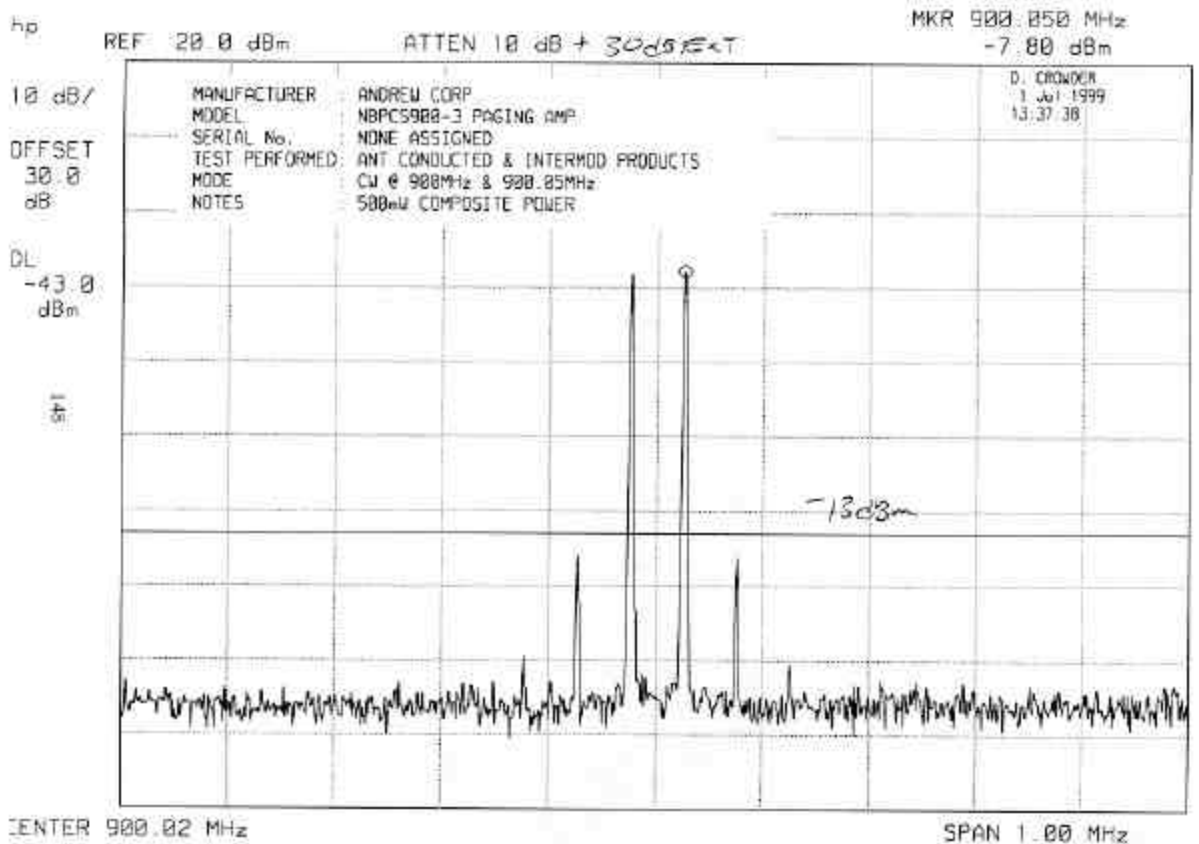
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