

R-4023N

Customer: Cellular Specialties, Inc

Test Sample: Bidirectional Amplifier

Model:610PCS

Test: Two Tone CDMA uplink low end of band

14: 44: 30 DEC 13, 2002
17

MKR 1.84683 GHz
-13.49 dBm

REF 30.0 dBm AT 20 dB

PEAK

LOG

10

dB/

OFFST

20.0

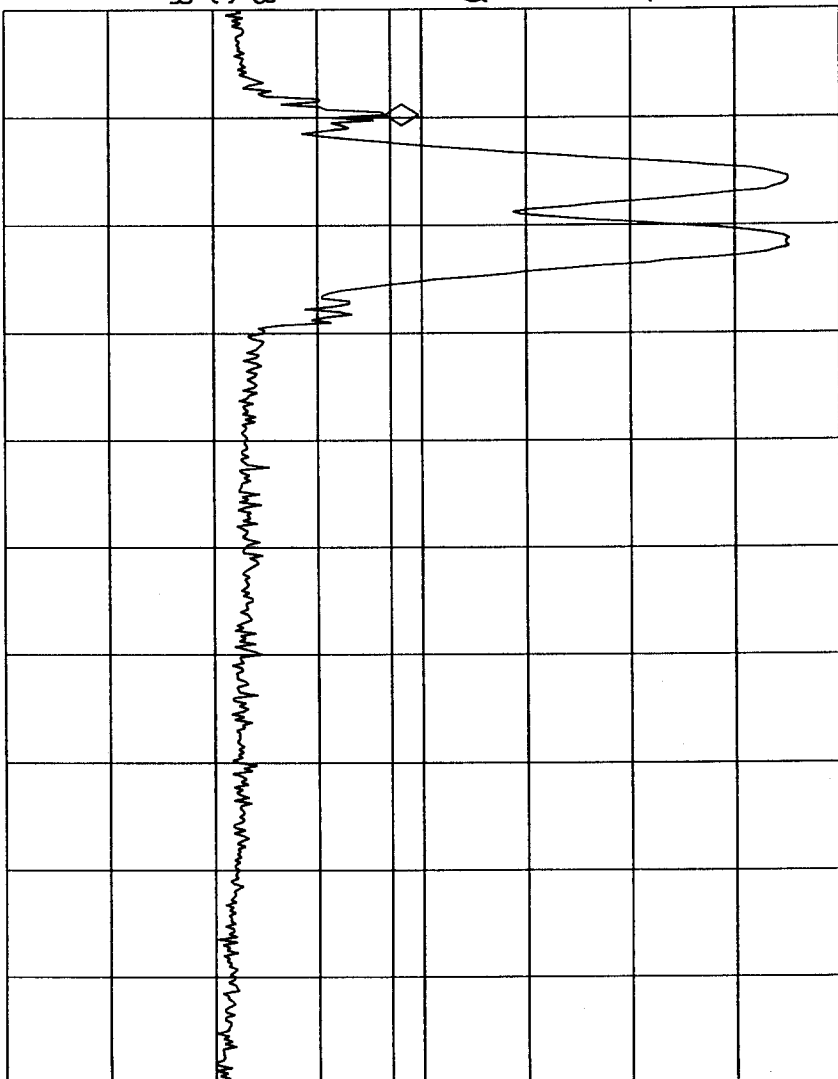
dB

DL

-13.0

dBm

V A S B
S C F C
C O R R



START 1.84000 GHz

#RES BW 1.0 MHz

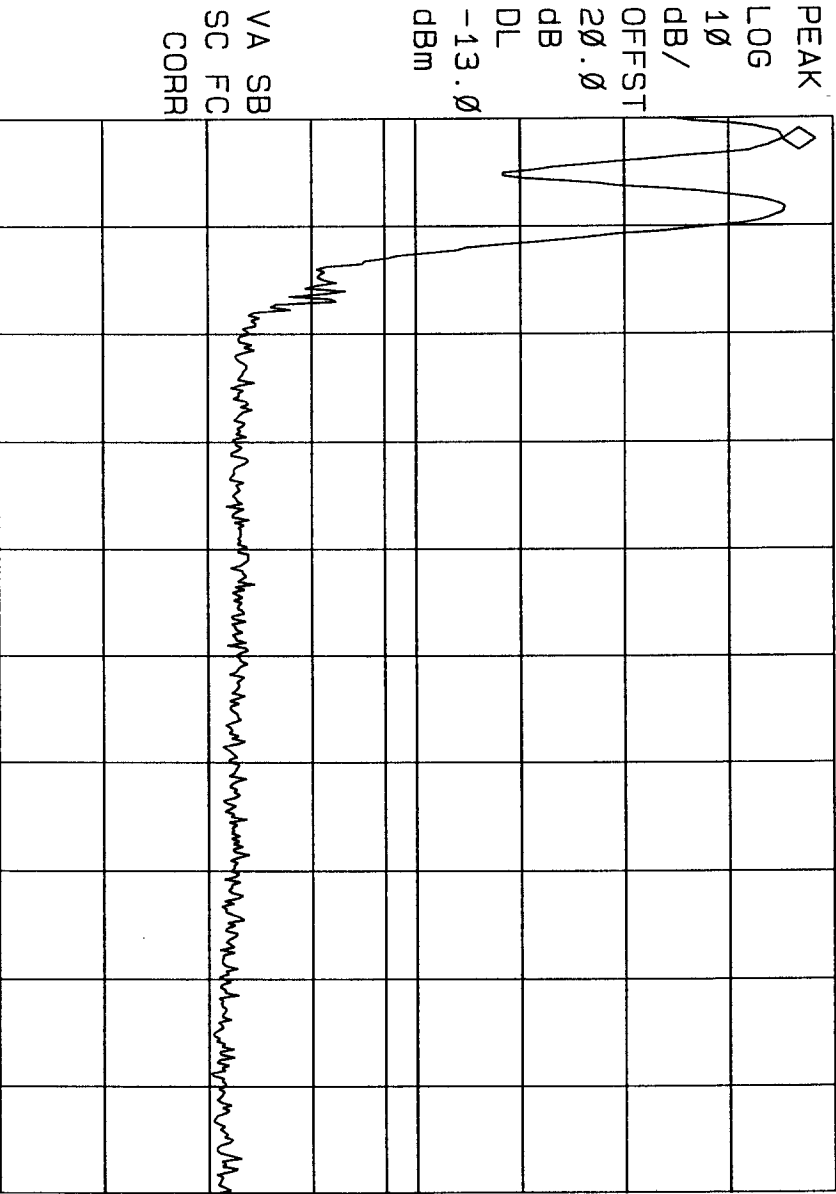
VBW 3 MHz

STOP 1.91000 GHz

SWP 20.0 msec

14: 45: 20 DEC 13, 2002

REF 30.0 dBm AT 20 dB MKR 1.85120 GHz 25.13 dBm



START 1.85000 GHz STOP 1.91000 GHz
 #RES BW 1.0 MHz VBW 3 MHz SWP 20.0 msec

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Customer: Cellular Specialties, Inc

Test Sample: Bidirectional Amplifier

Model: 610PCS

Test: Two Tone CDMA uplink low end of band

14: 45: 25 DEC 13. 2002

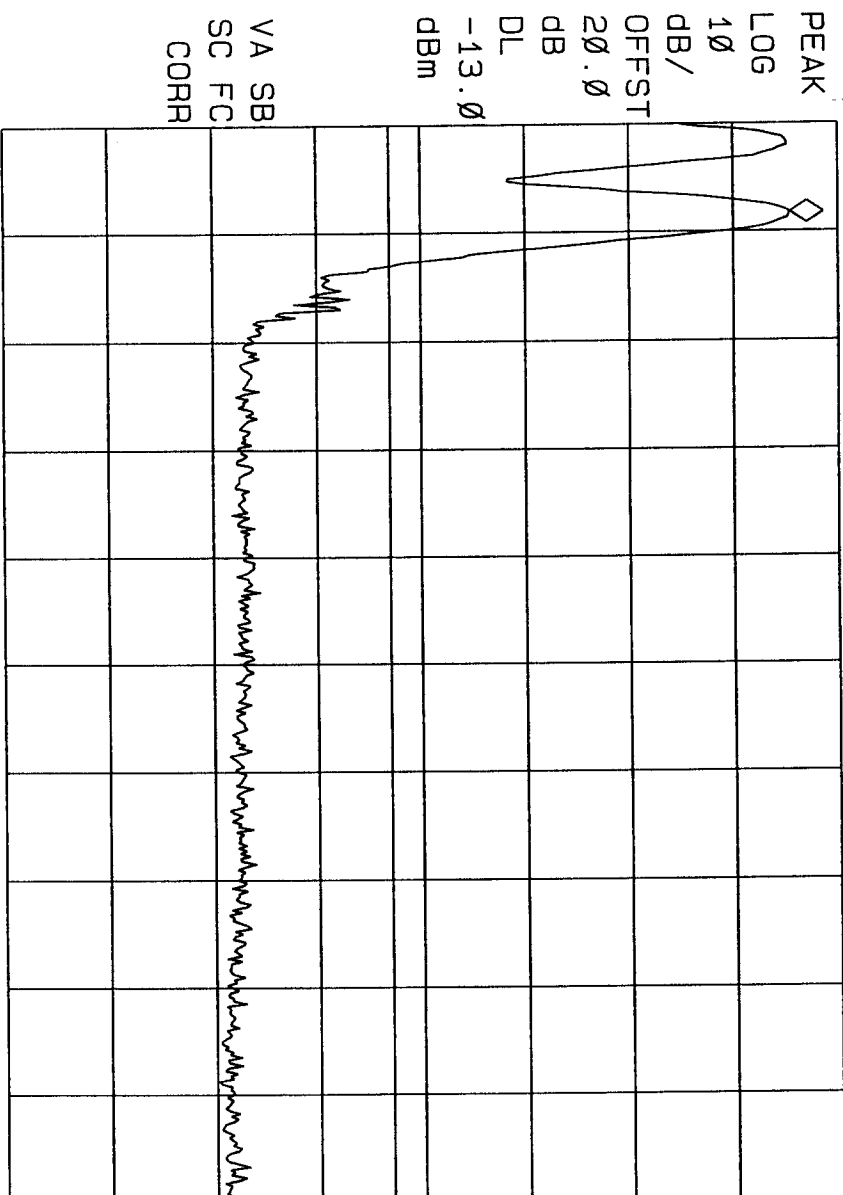
14

MKR 1.85495 GHz

REF 30.0 dBm

AT 20 dB

25.41 dBm



START 1.85000 GHz

#RES BW 1.0 MHz

VBW 3 MHz

STOP 1.91000 GHz

SWP 20.0 msec

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Customer: Cellular Specialties, Inc

Test Sample: Bidirectional Amplifier

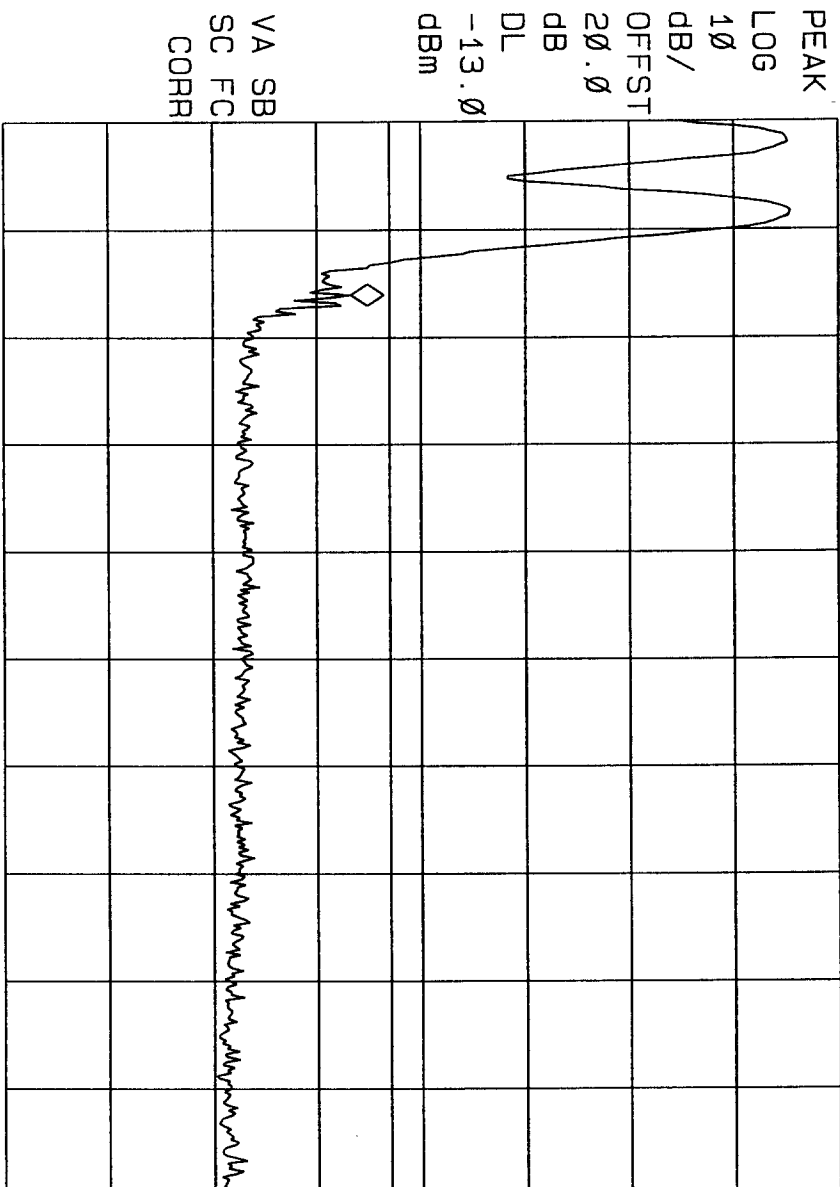
Model:610PCS

Test: Two Tone CDMA uplink low end of band

14: 45: 47 DEC 13, 2002

REF 30.0 dBm AT 20 dB

MKR 1.85960 GHz
-16.74 dBm



START 1.85000 GHz STOP 1.91000 GHz
#RES BW 1.0 MHz VBW 3 MHz SWP 20.0 msec

14: 46: 06 DEC 13, 2002
HP

REF 30.0 dBm AT 20 dB

PEAK									
LOG									
10									
dB/									
OFFST									
20.0									
dB									
DL									
-13.0									
dBm									
WA SB									
SC FC									
CORR									

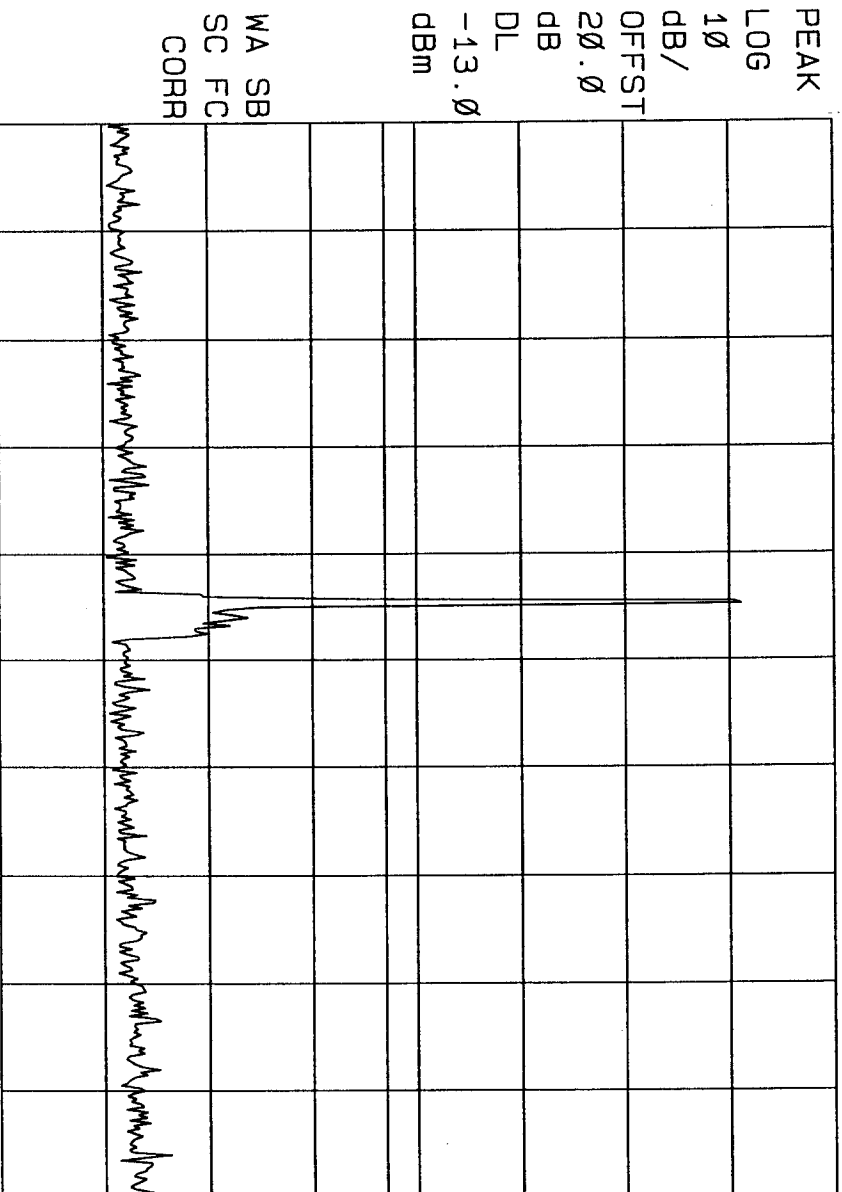
START 30.0 MHz STOP 1.0000 GHz
#RES BW 1.0 MHz VBW 3 MHz SWP 20.0 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model: 610PCS

Test: Two Tone CDMA uplink low end of band

14: 46: 19 DEC 13. 2002

REF 30.0 dBm AT 20 dB



START 1.000 GHz STOP 2.921 GHz
#RES BW 1.0 MHz VBW 3 MHz SWP 38.4 msec

R-4023N

Customer: Cellular Specialties, Inc

Test Sample: Bidirectional Amplifier

Model: 610PCS

Test: Two Tone CDMA uplink low end of band

14: 46: 39 DEC 13, 2002
hp

REF 30.0 dBm AT 20 dB

PEAK									
LOG									
10									
dB/									
OFFST									
20.0									
dB									
DL									
-13.0									
dBm									
WA SB									
SC FC									
CORR									

START 2.679 GHz STOP 4.000 GHz
#RES BW 1.0 MHz VBW 3 MHz SWP 26.4 msec

R-4023N

Customer: Cellular Specialties, Inc

Test Sample: Bidirectional Amplifier

Model: 610PCS

Test: Two Tone CDMA uplink low end of band

14: 46: 48 DEC 13, 2002

REF 30.0 dBm AT 20 dB

PEAK									
LOG									
10									
dB/									
OFFST									
20.0									
dB									
DL									
-13.0									
dBm									
WA SB									
SC FC									
CORR									

START 4.000 GHz STOP 6.000 GHz
#RES BW 1.0 MHz VBW 3 MHz SWP 40.0 msec

R-4023N

Customer: Cellular Specialties, Inc

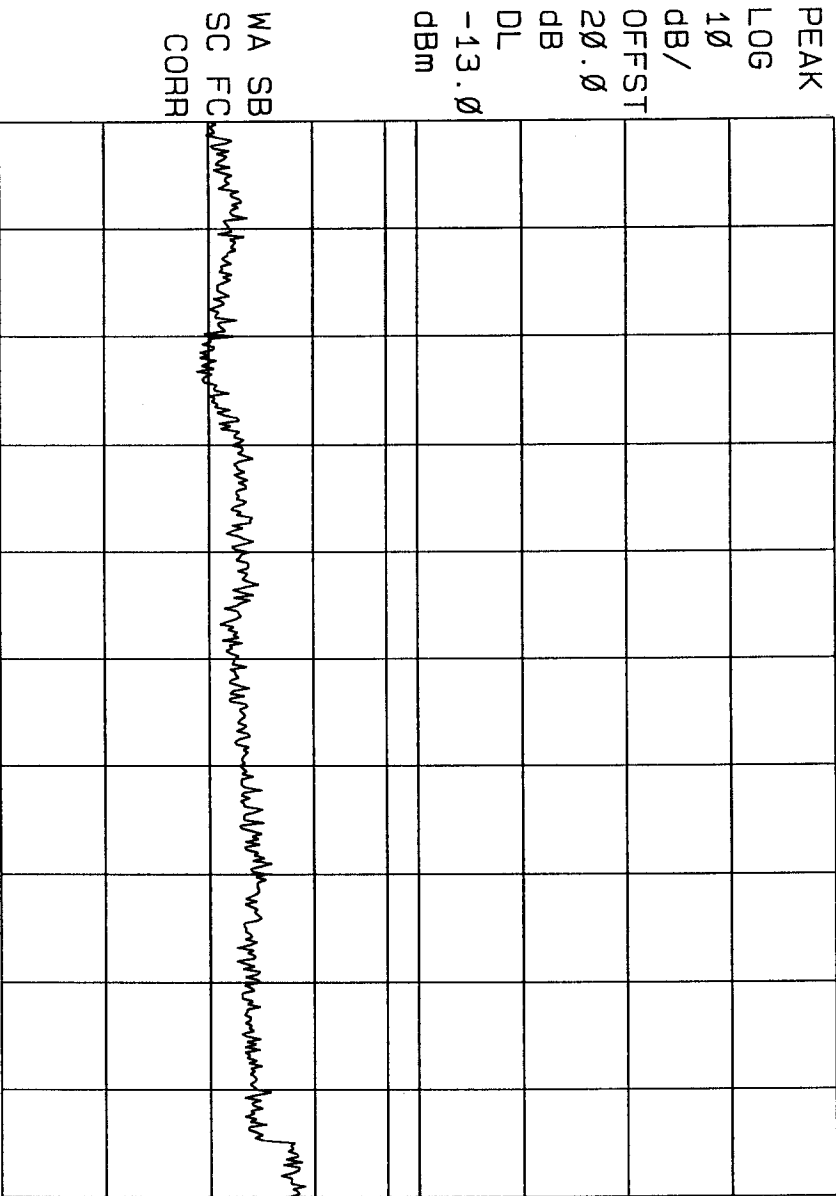
Test Sample: Bidirectional Amplifier

Model: 610PCS

Test: Two Tone CDMA uplink low end of band

14: 47: 42 DEC 13, 2002
HP

REF 30.0 dBm AT 20 dB



START 10.00 GHz STOP 20.00 GHz
#RES BW 1.0 MHz VBW 3 MHz SWP 210 msec

R-4023N

Customer: Cellular Specialties, Inc

Test Sample: Bidirectional Amplifier

Model:610PCS

Test: Two Tone

CDMA uplink low end of band