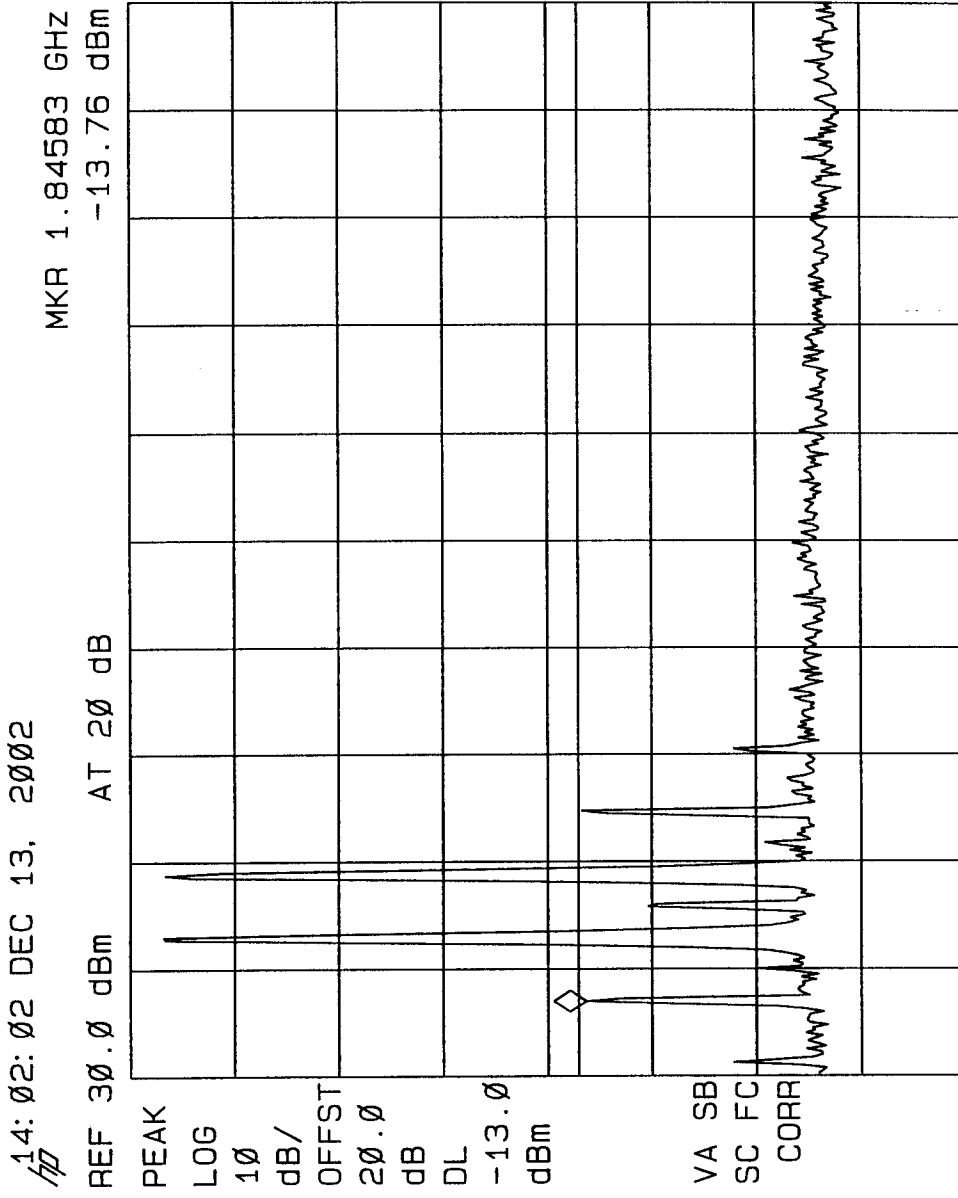


R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
 Test: Two Tone TDMA uplink low end of band



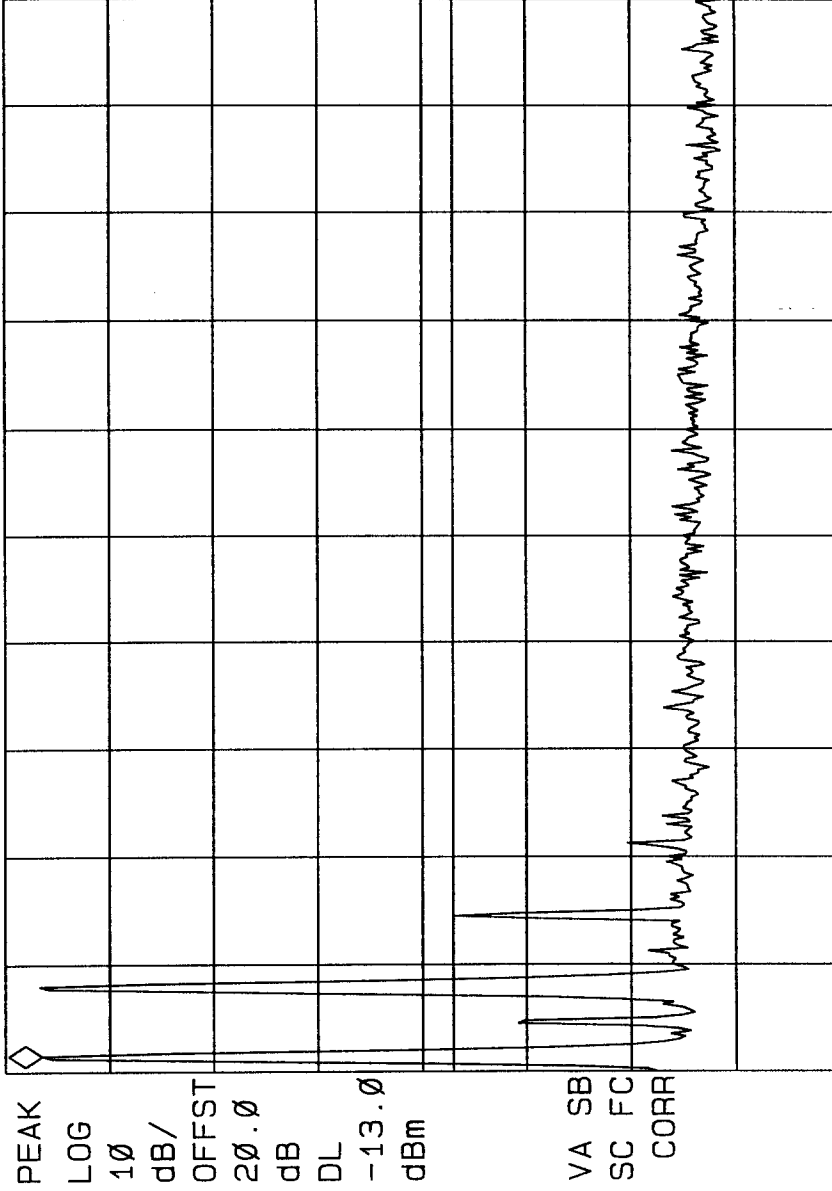
START 1.84100 GHz STOP 1.91000 GHz
 #RES BW 100 KHZ VBW 300 KHZ SWP 20.7 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
 Test: Two Tone TDMA uplink low end of band

14:03:54 DEC 13, 2002

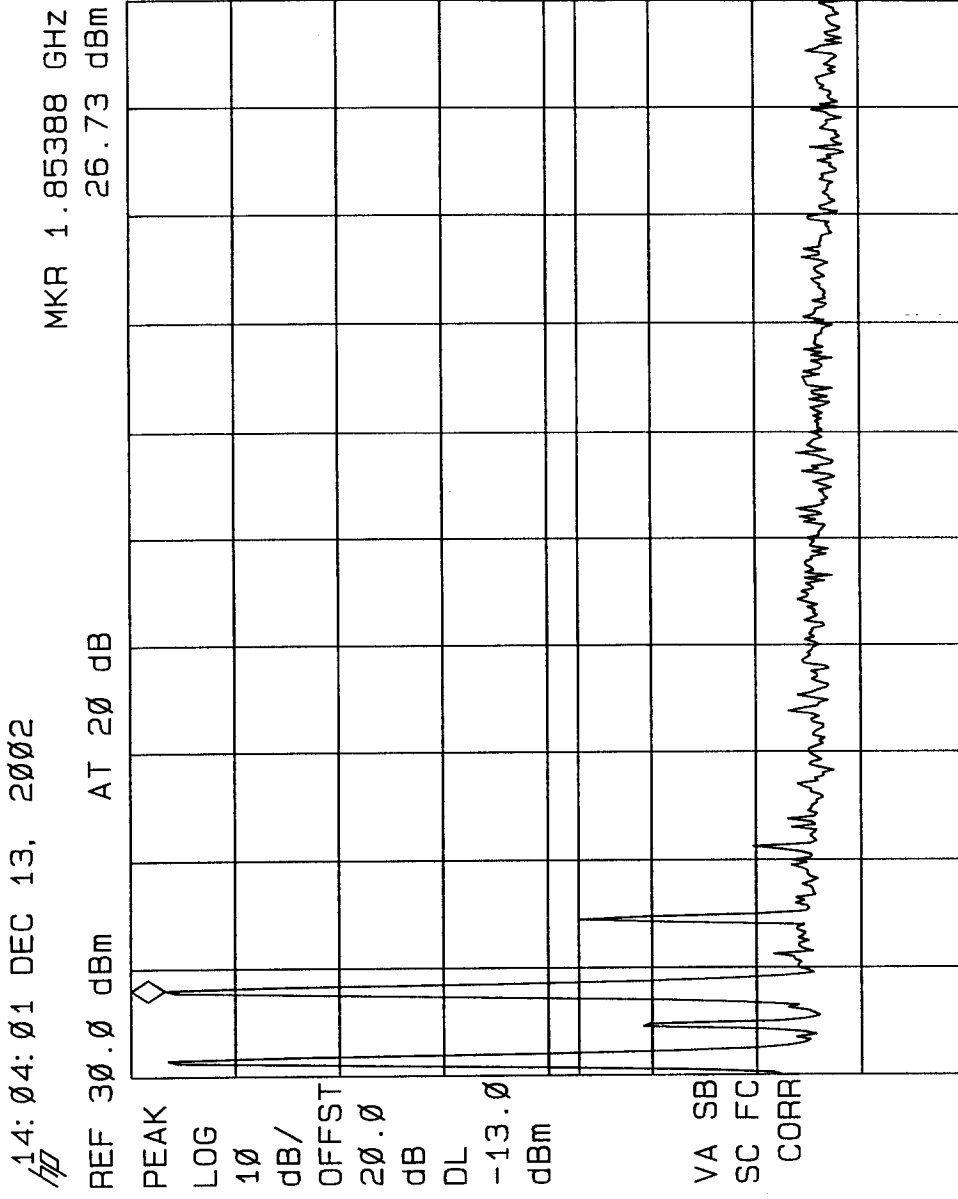
MKR 1.84992 GHz
 26.46 dBm

REF 30.0 dBm AT 20 dB



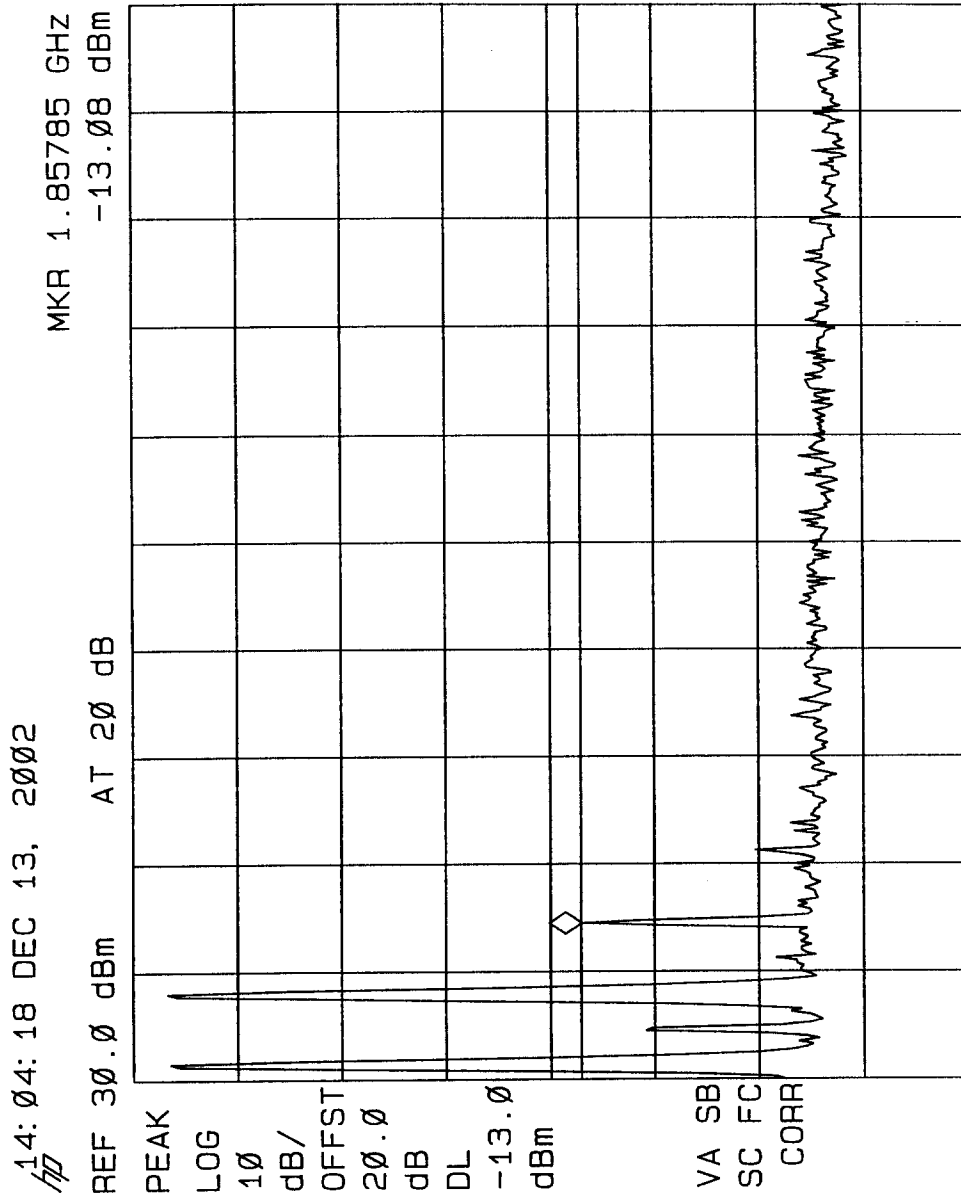
START 1.84900 GHz STOP 1.91000 GHz
 #RES BW 100 kHz VBW 300 kHz SWP 20.0 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
 Test: Two Tone TDMA uplink low end of band



START 1.84900 GHz STOP 1.91000 GHz
 #RES BW 100 KHZ VBW 300 KHZ SWP 20.0 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
 Test: Two Tone TDMA uplink low end of band

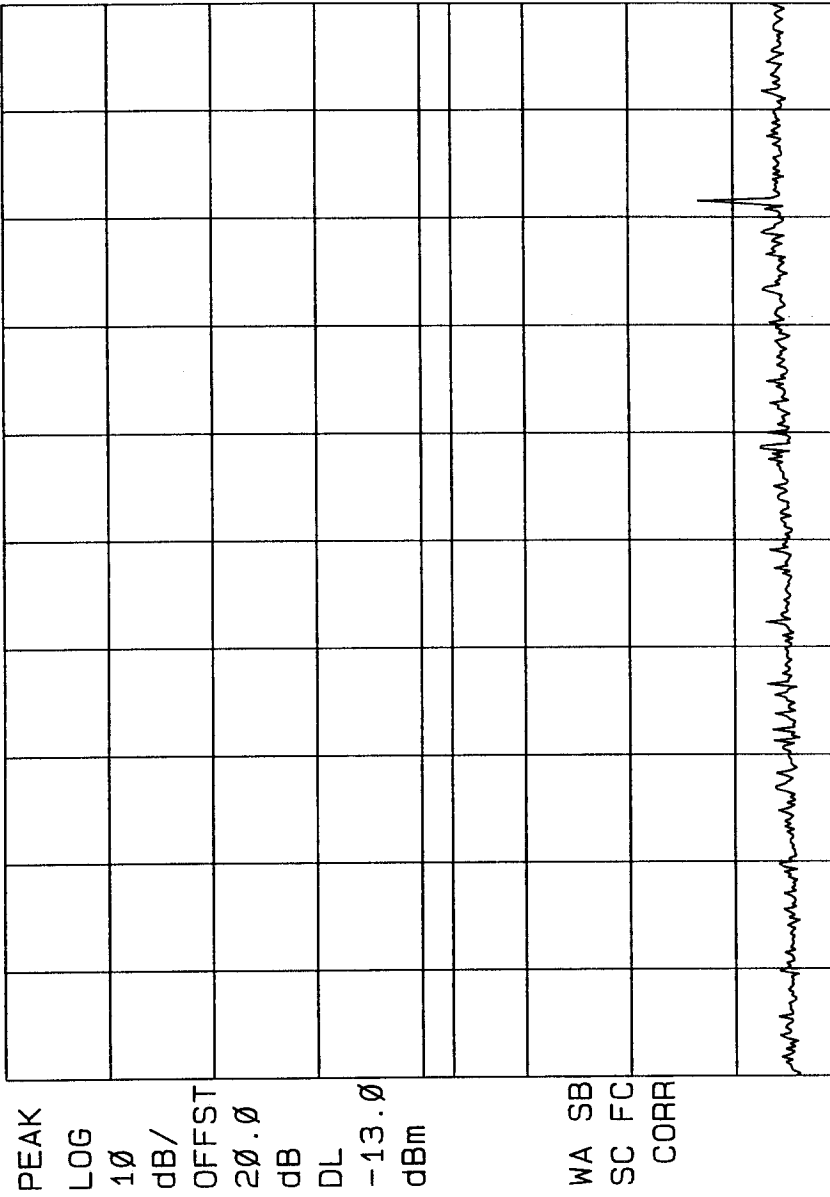


START 1.84900 GHz STOP 1.91000 GHz
 #RES BW 100 kHz VBW 300 kHz SWP 20.0 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
 Test: Two Tone TDMA uplink low end of band

14:04:40 DEC 13, 2002

REF 30.0 dBm AT 20 dB

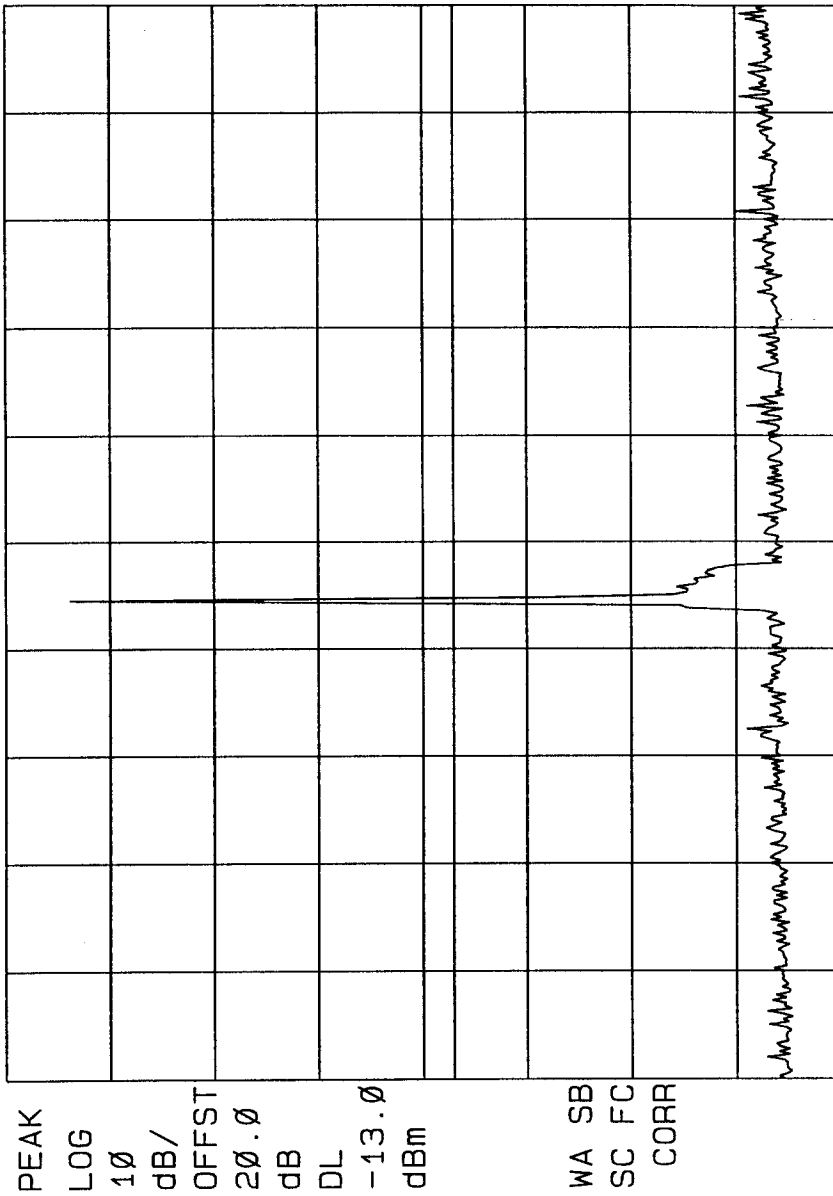


START 30.0 MHz STOP 1.0000 GHz
 #RES BW 100 KHZ VBW 300 KHZ SWP 291 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
Test: Two Tone TDMA uplink low end of band


14:04:57 DEC 13, 2002
hp

REF 30.0 dBm AT 20 dB

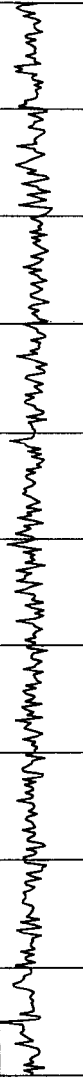


START 1.000 GHz STOP 2.921 GHz
#RES BW 100 KHZ VBW 300 KHZ SWP 576 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
 Test: Two Tone TDMA uplink low end of band

14:05:14 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 2.679 GHz STOP 4.000 GHz
 #RES BW 100 KHZ VBW 300 KHZ SWP 396 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model: 610PCS
Test: Two Tone TDMA uplink low end of band

14:05:25 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 4.000 GHz STOP 6.000 GHz
#RES BW 100 KHZ VBW 300 KHZ SWP 600 msec

R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
 Test: Two Tone TDMA uplink low end of band

14:06:08 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										

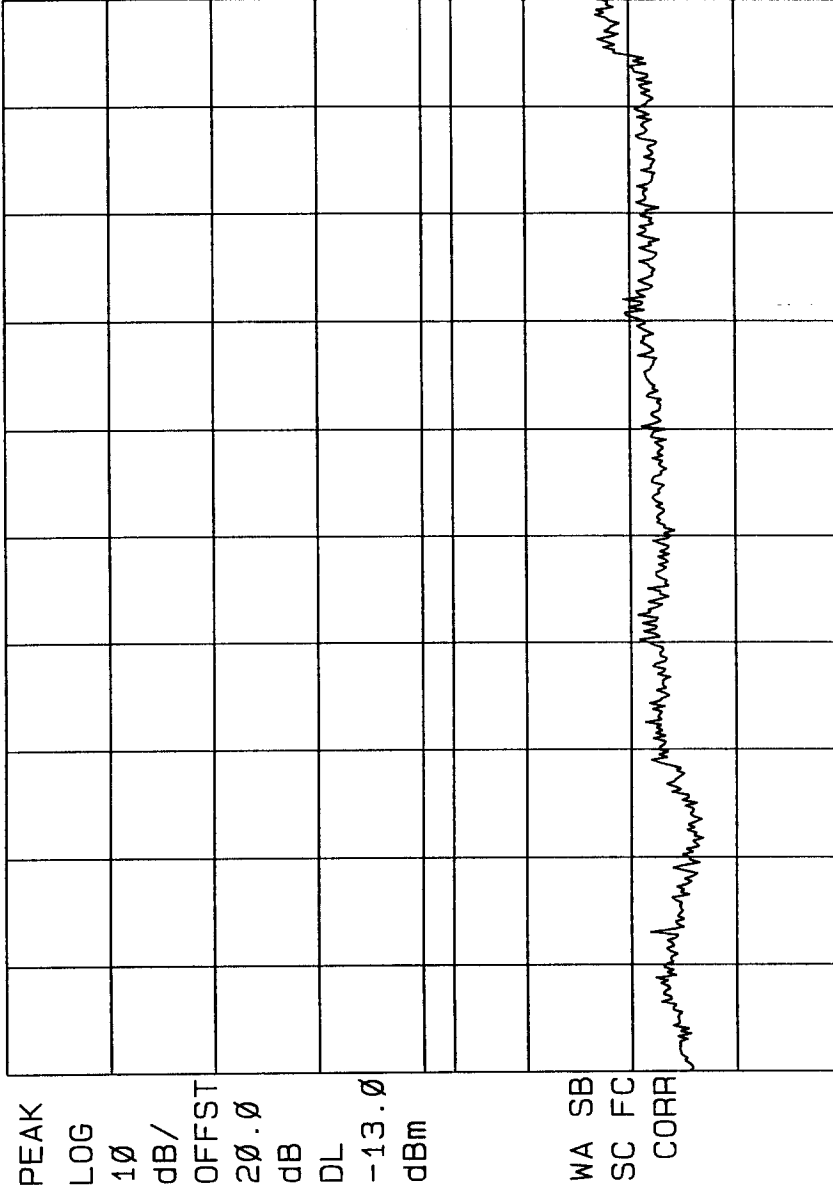
START 6.000 GHz STOP 10.000 GHz
 #RES BW 100 KHZ VBW 300 KHZ SWP 1.20 sec

R-4023N

Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model: 610PCS
Test: Two Tone TDMA uplink low end of band

14:06:29 DEC 13, 2002
hp

REF 30.0 dBm AT 20 dB



START 10.00 GHz STOP 20.00 GHz
#RES BW 100 kHz VBW 300 kHz SWP 3.00 sec