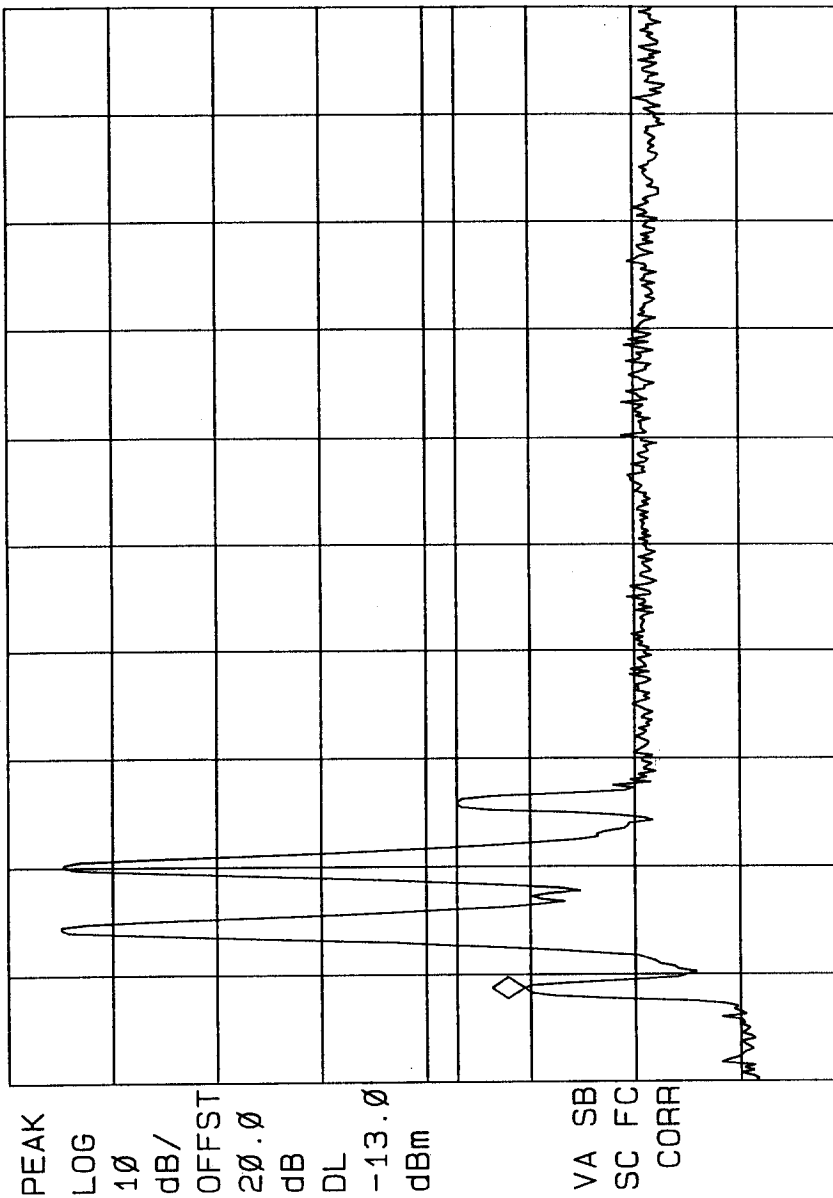


R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
Test: Two Tone GSM downlink low end of band

12:35:14 DEC 13, 2002
HP

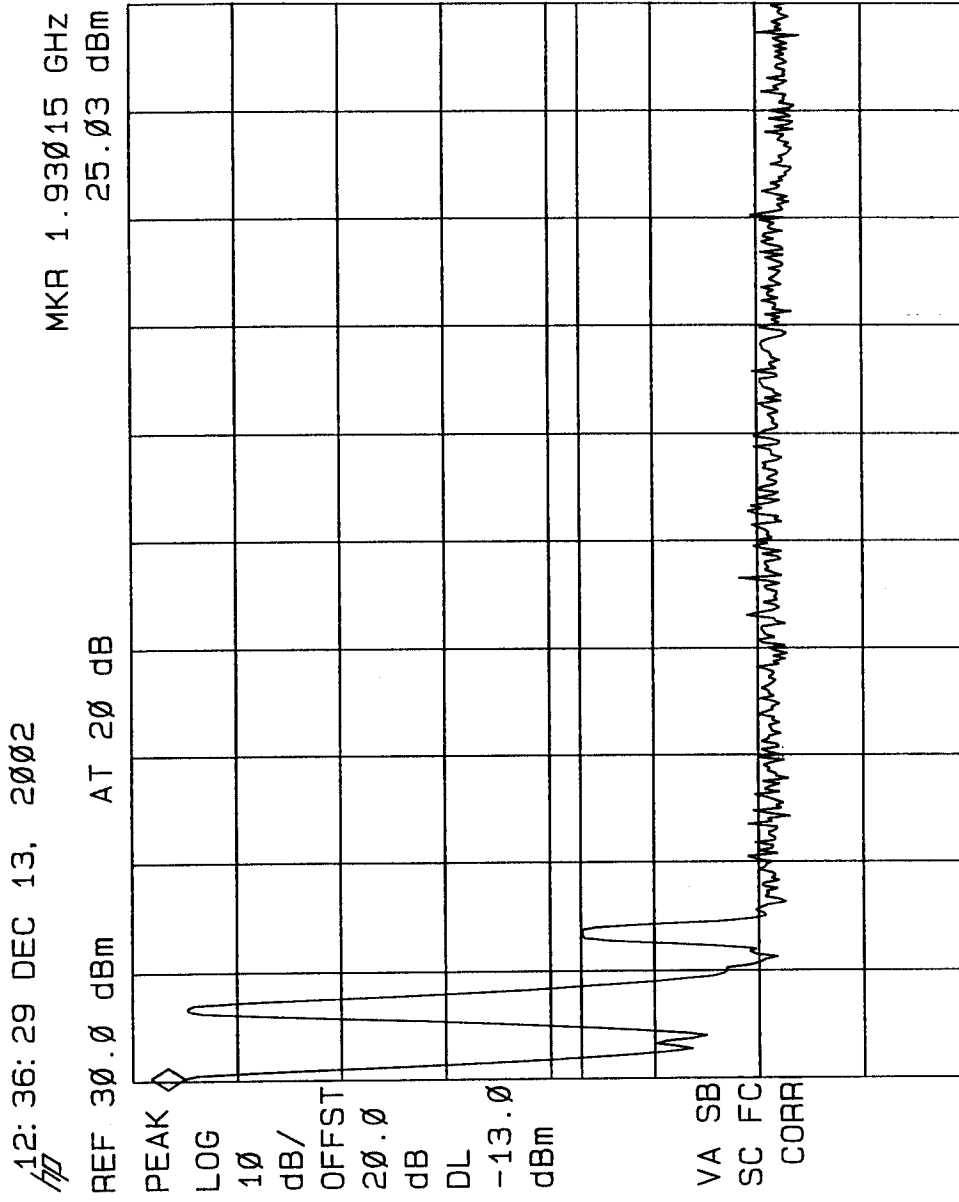
MKR 1.92613 GHz
-19.48 dBm

REF 30.0 dBm AT 20 dB

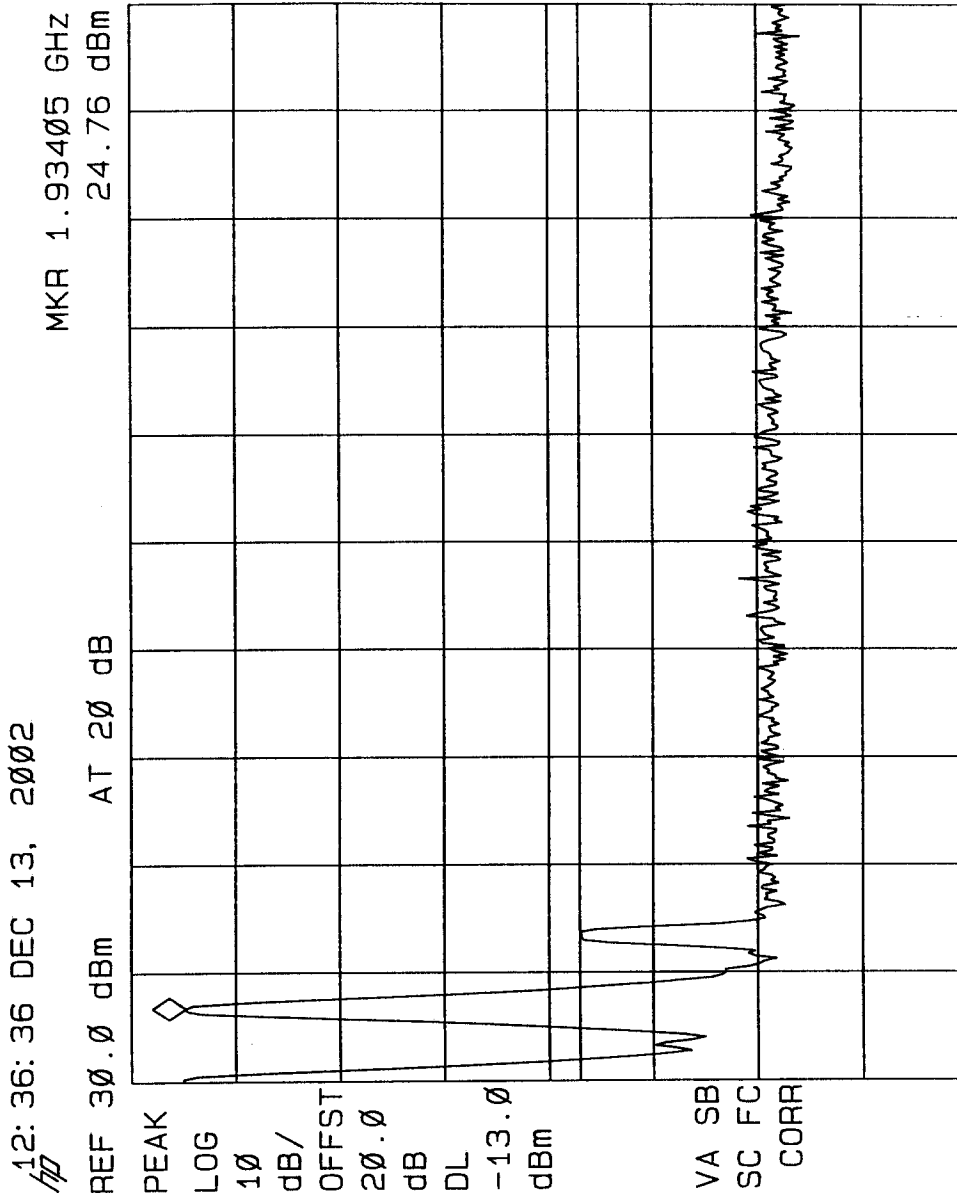


START 1.92000 GHz STOP 1.99000 GHz
#RES BW 300 kHz VBW 1 MHz SWP 20.0 msec

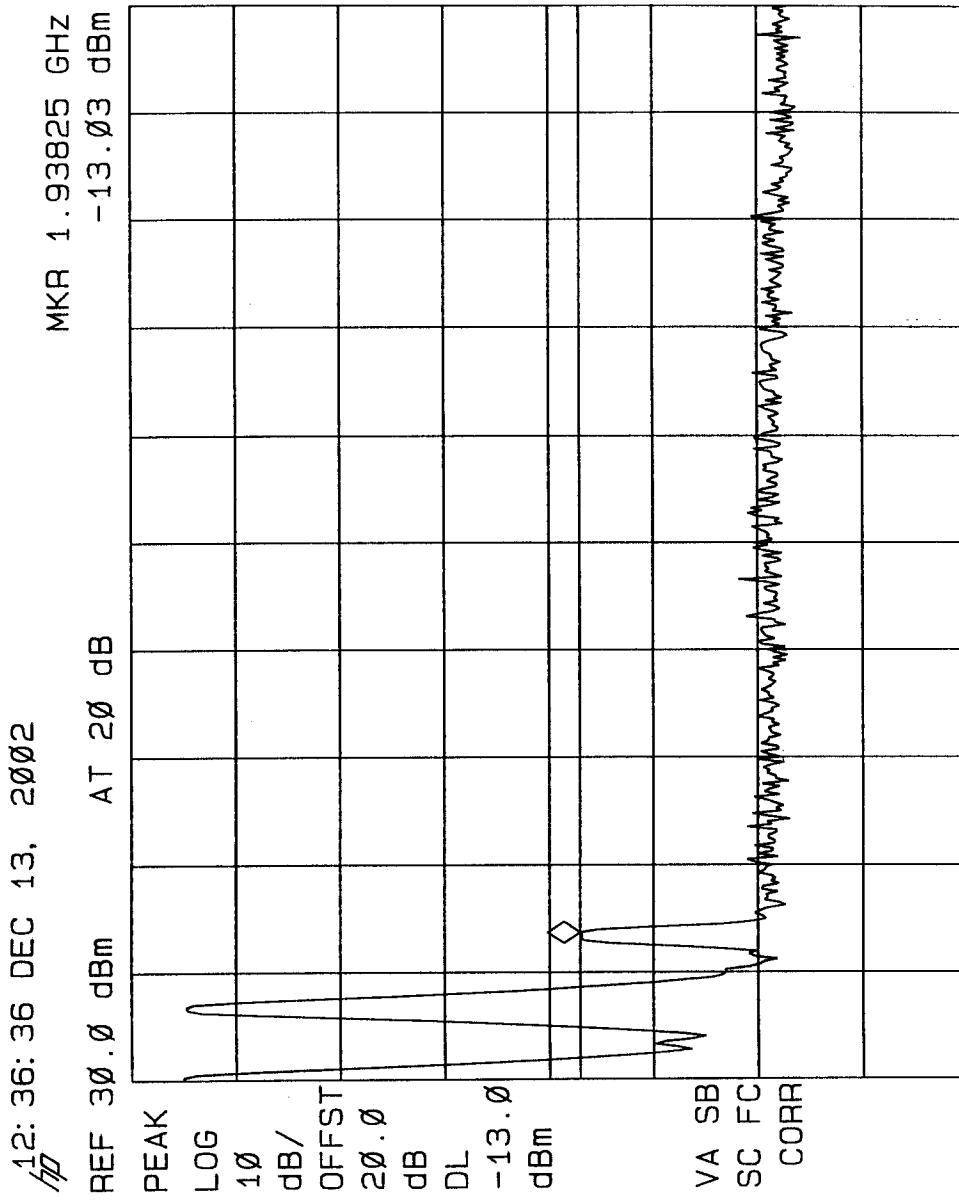
R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
Test: Two Tone GSM downlink low end of band



START 1.93000 GHz STOP 1.99000 GHz
#RES BW 300 KHZ VBW 1 MHz SWP 20.0 msec



START 1.93000 GHz STOP 1.99000 GHz
#RES BW 300 kHz SWP 20.0 msec
VBW 1 MHz



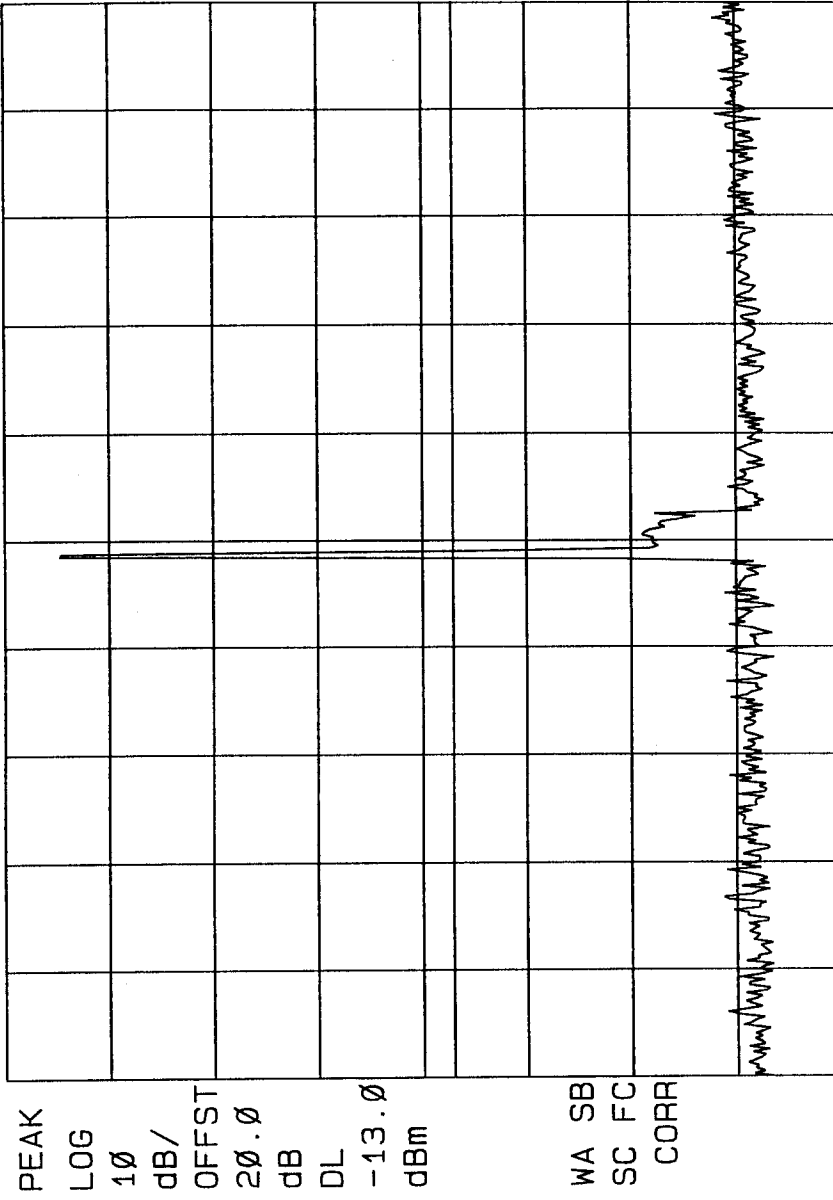
12:38:45 DEC 13. 2002

[illegible]

START 30.0 MHz	STOP 1.0000 GHz
#RES BW 300 kHz	SWP 32.3 msec
	VBW 1 MHz

12:38:57 DEC 13, 2002
hp

REF 30.0 dBm AT 20 dB



Model:610PCS

Model:610PCS

[illegible]

2 4.000 GHz
2 44.0 msec

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

hp 12:39:26 DEC 13, 2002

REF 30.0 dBm AT 20 dB

PEAK

LOG

10

dB/

OFFST

20.0

DB

70

-13.Ø

DBM

WA SB

CS
EF

CORR

START 4.0000 GHZ

#RES BW 300 KHZ

VBW 1 MHz

STOP 6.000 GHZ

SWP 66.7 msec

Model:610PCS

Model:610PCS

[illegible]

10.000 GHz
WP 137 msec

