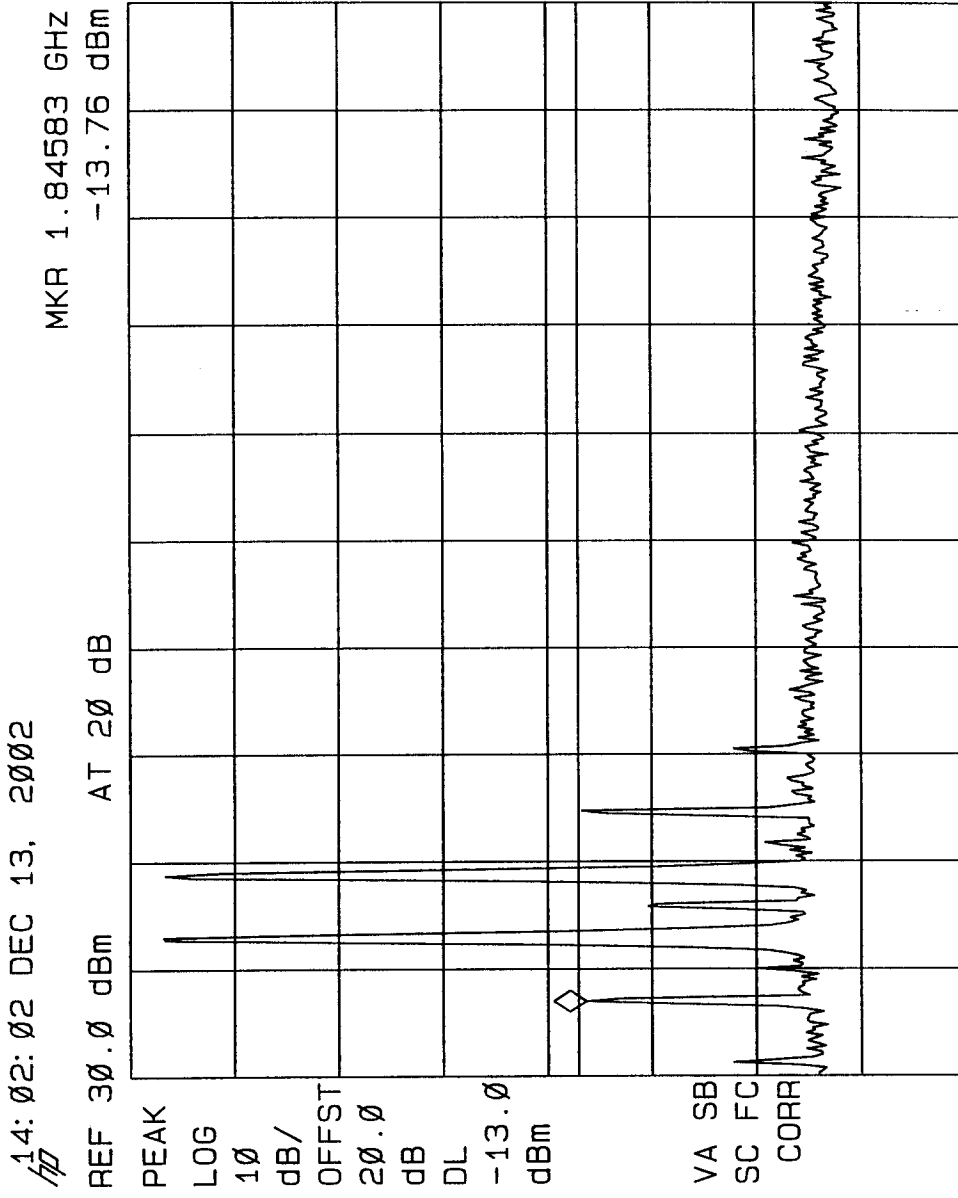
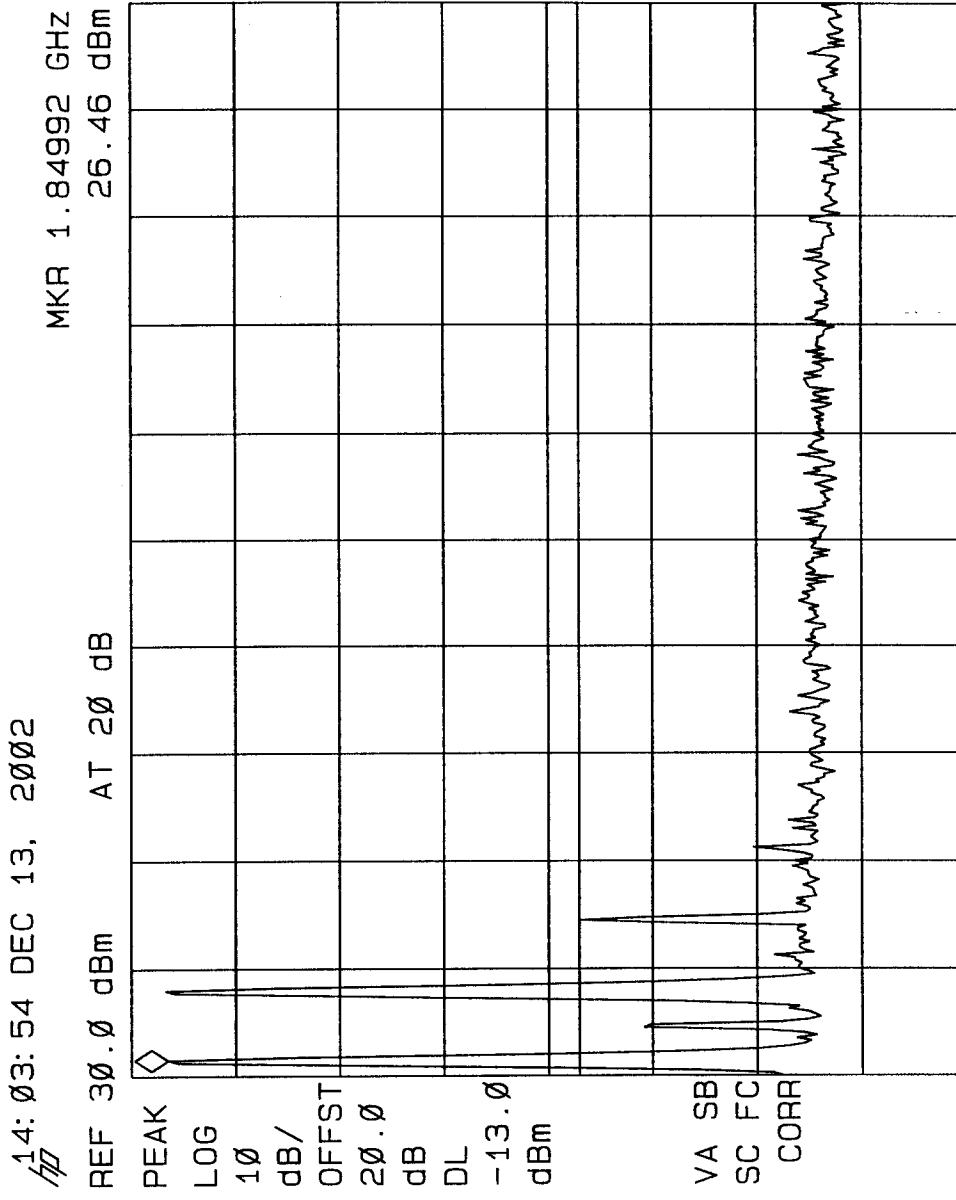


R-4023N Customer: Cellular Specialties, Inc Test Sample: Bidirectional Amplifier Model:610PCS
Test: Two Tone TDMA uplink low end of band



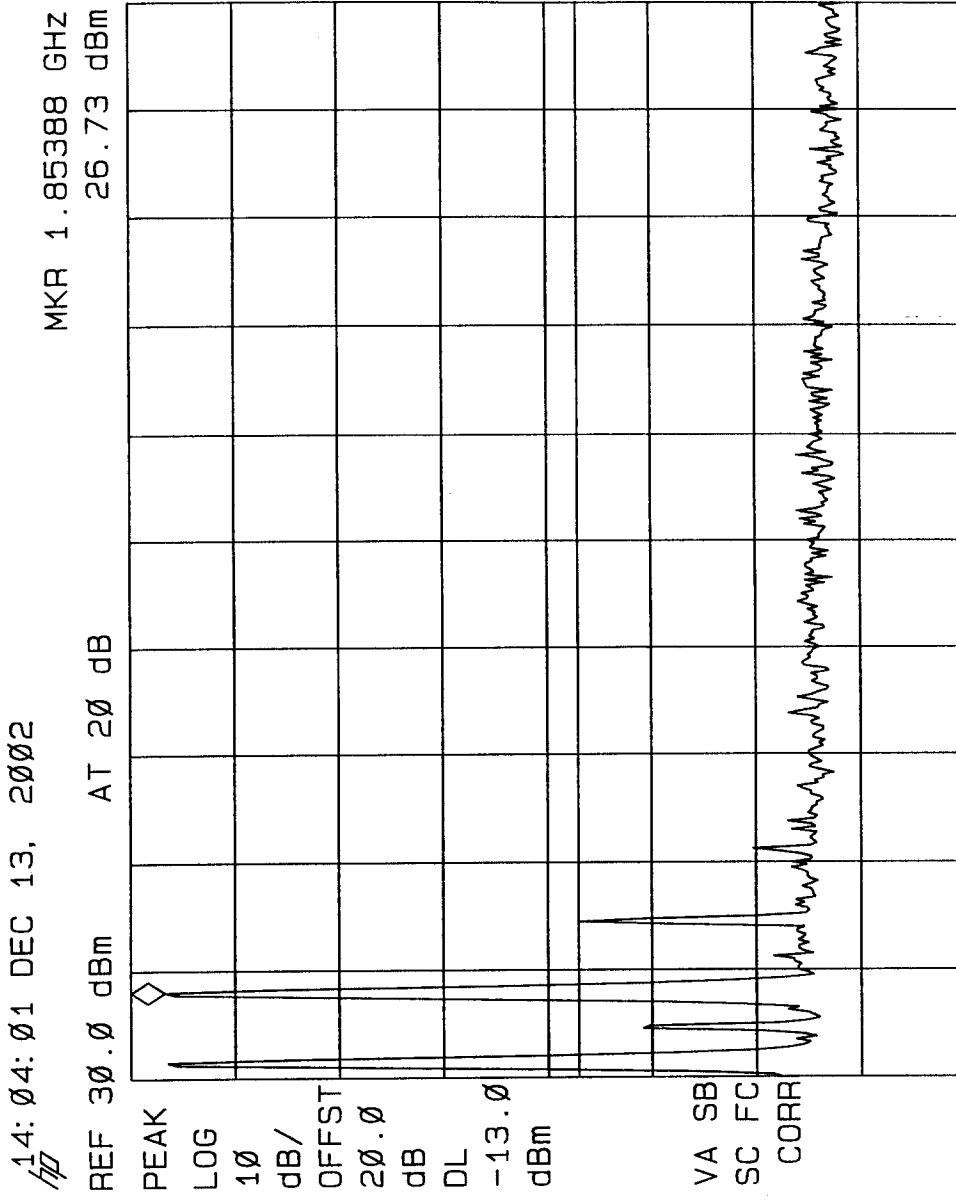
START 1.84100 GHz STOP 1.91000 GHz
#RES BW 100 kHz VBW 300 kHz SWP 20.7 msec

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

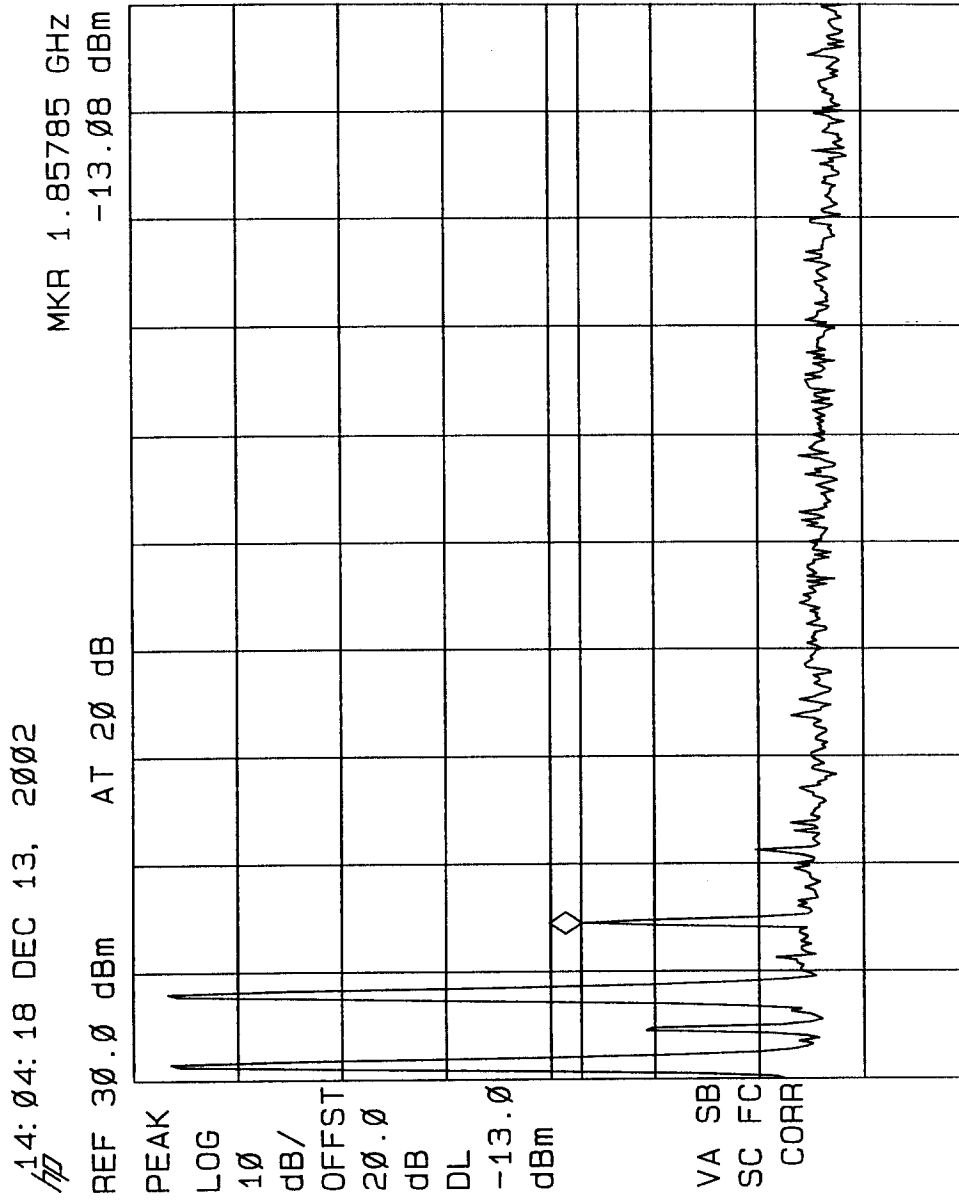


START 1.84900 GHz STOP 1.91000 GHz
#RES BW 100 kHz VBW 300 kHz SWP 20.0 msec

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



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

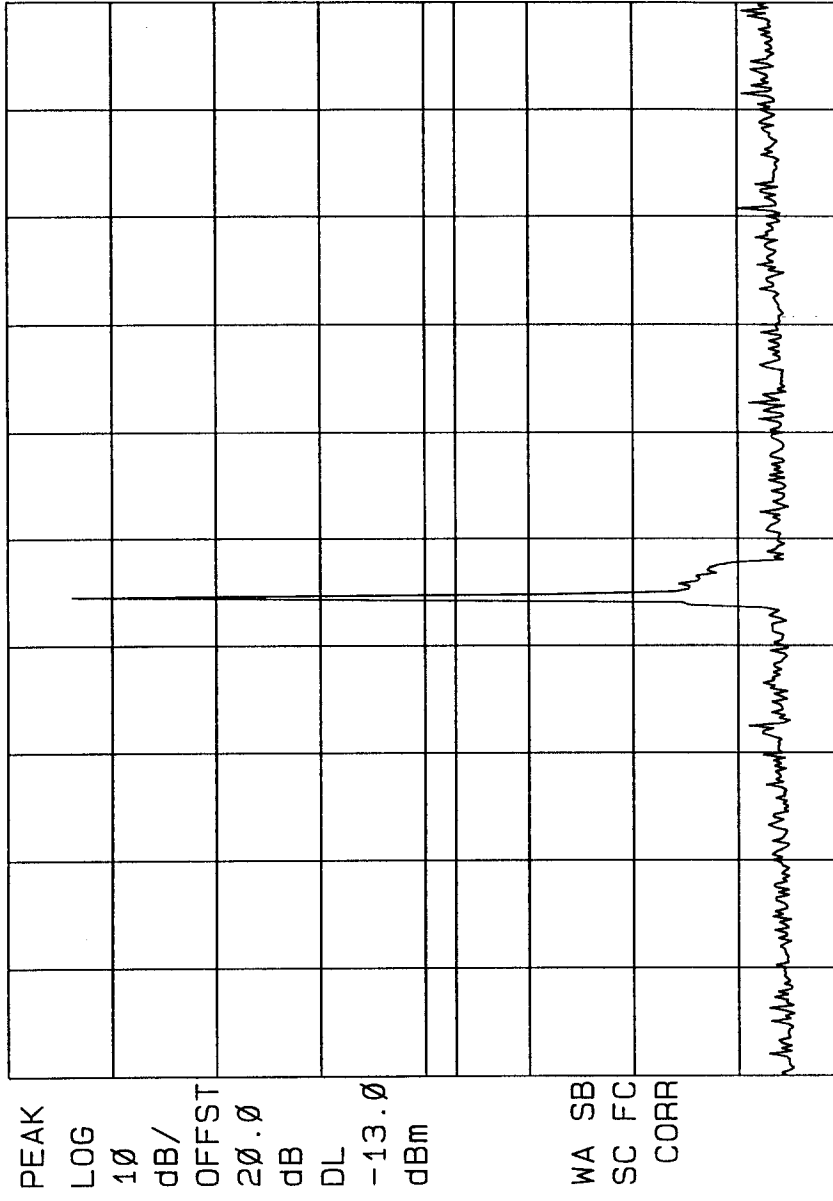
REF 30.0 dBm AT 20 dB

[illegible]

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

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

14:05:25 DEC 13, 2002
hp

[illegible]

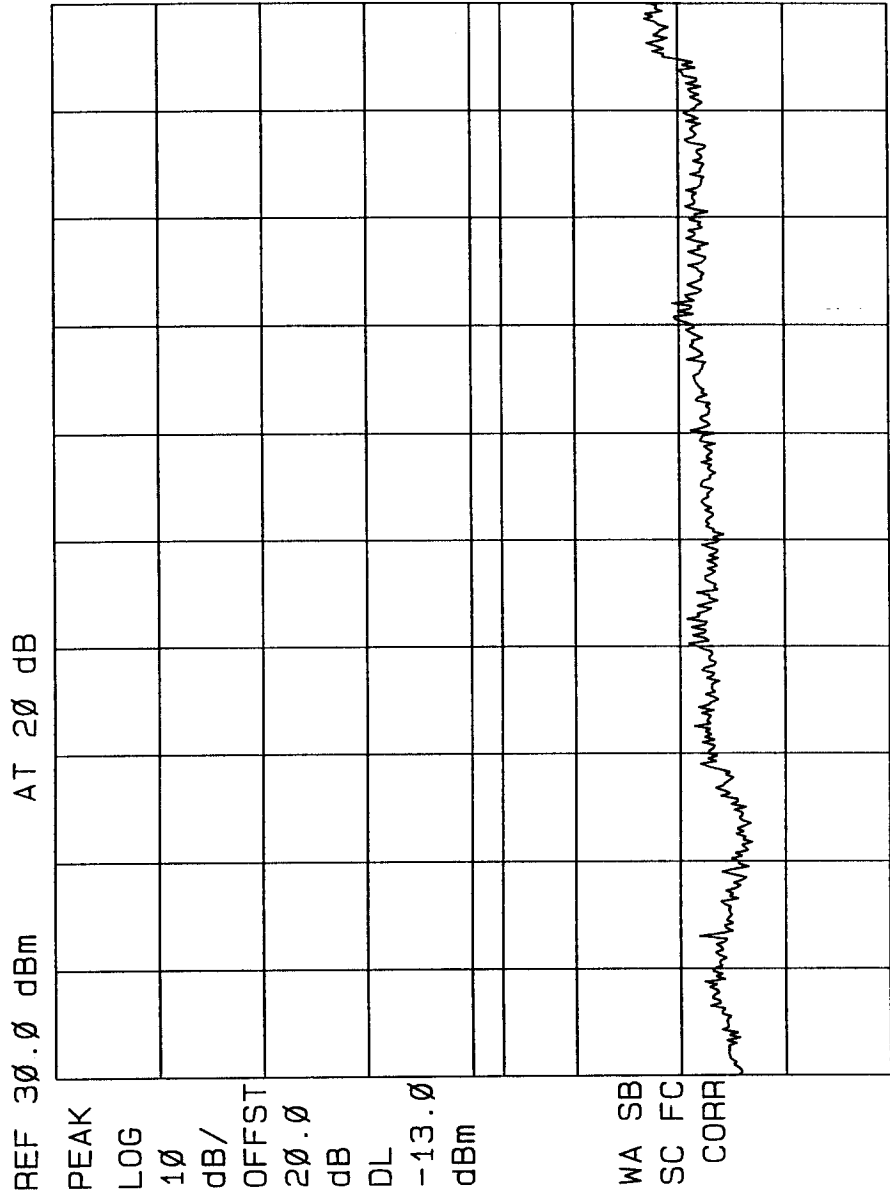
R-4023N	Customer: Cellular Specialties, Inc	Test Sample: Bidirectional Amplifier	Model: 610PCS
	Test: Two Tone	TDMA uplink low end of band	

14:06:08 DEC 13, 2002

[illegible]

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

14: 06: 29 DEC 13, 2002
17



START 10.00 GHz
STOP 20.00 GHz

#RES BW 100 kHz
SWP 3.00 sec

VBW 300 kHz