



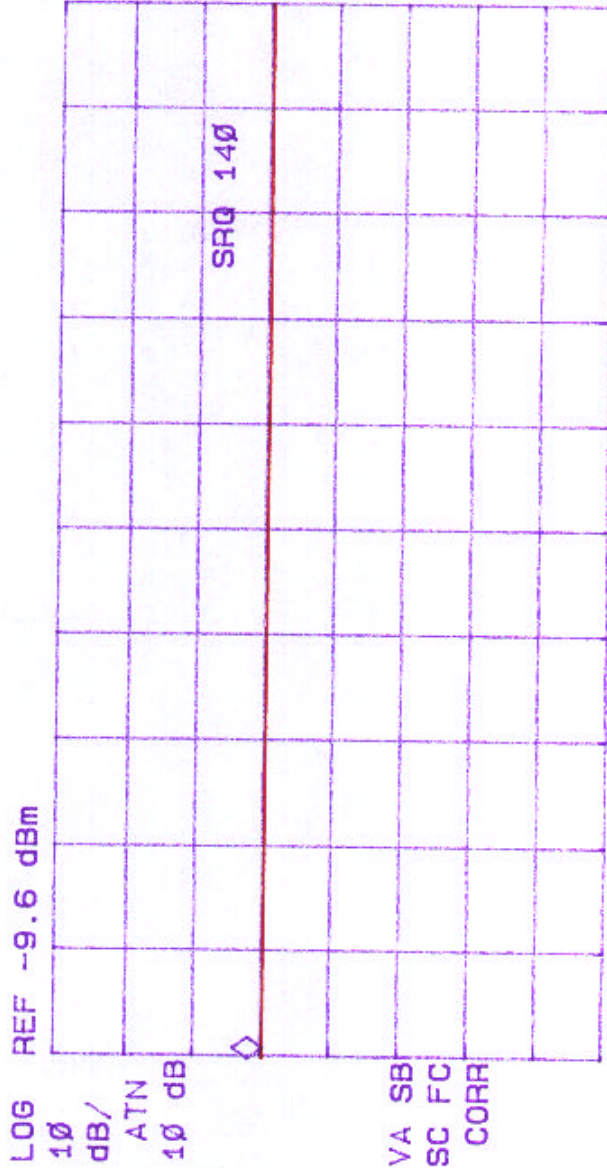
UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER- (806-824 MHz and 851-869 MHz)
RF TRACKING SIGNAL AT 806-824MHz INPUT PORT

Date: June 14, 1999
Tested by: Hung Trinh

177

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 741.1 MHz
-40.25 dBm
No user
Menu



Date: June 14, 1999
Tested by: Irving Trinh

KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER- (806-824 MHz and 851-869 MHz)
806-824 MHz AMPLIFIER GAIN RESPONSE WITHIN $F_0 \pm 2.5B$



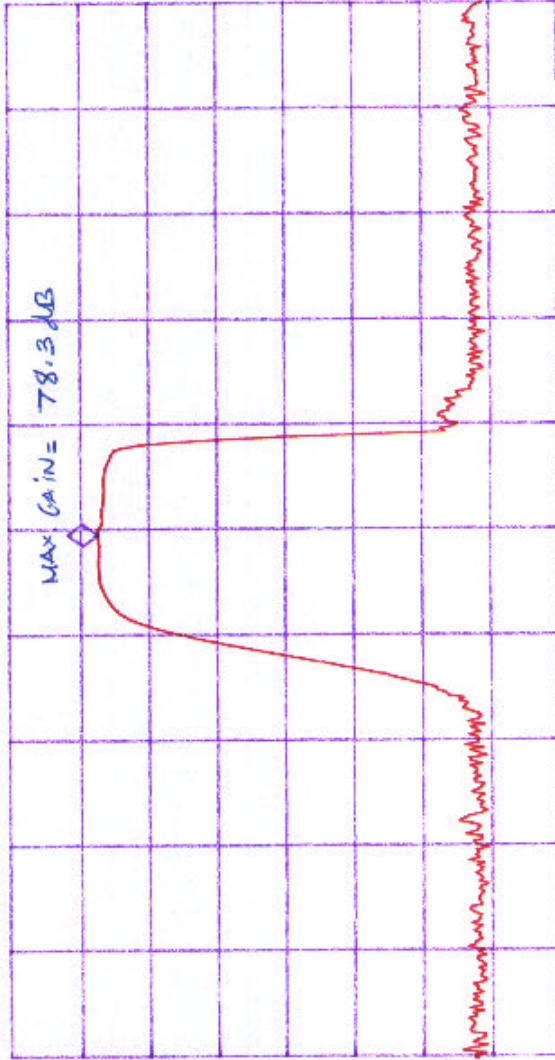
AP

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 814.3 MHz
38.06 dBm

NO USER MENU

REF OFFST 30.6 dB
REF 51.0 dBm

LOG 10 dB/ ATN 40 dB



VA SB
SC FC
CORR

CENTER 815.0 MHz
IF BW 120 kHz
AVG BW 300 kHz
SPAN 150.0 MHz
SWP 31.3 msec

Date: June 14, 1999
Tested by: Hung Trinh

KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER- (806-824 MHz and 851-869 MHz)
20 dB BW OF THE 806-824 MHz BAND PASS GAIN

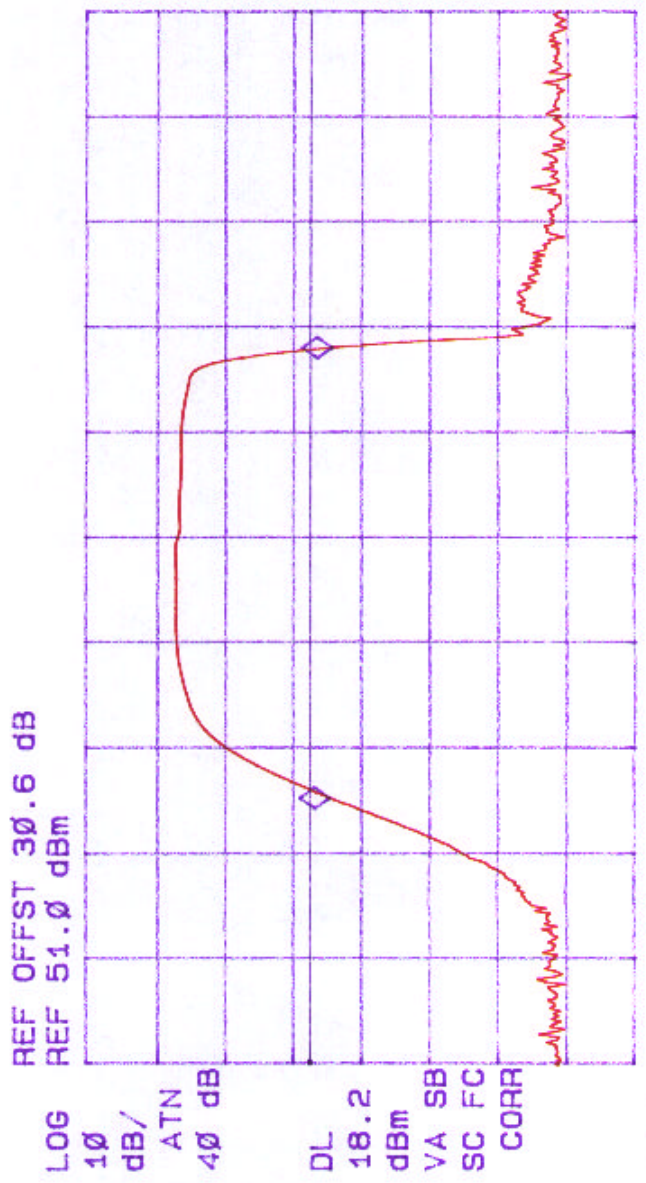


hp

MARKER Δ
-29.93 MHz
.30 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR -29.93 MHz
eodB BW .30 dB

No user
Menu



REF OFFST 30.6 dB
REF 51.0 dBm

CENTER 815.00 MHz
IF BW 120 KHZ
AVG BW 300 KHZ
SPAN 70.00 MHz
SWP 20.0 msec

Date: June 14, 1999
Tested by: Hung Trinh

KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER- (806-824 MHz and 851-869 MHz)
RF TRACKING SIGNAL AT 851-869 MHz INPUT PORT

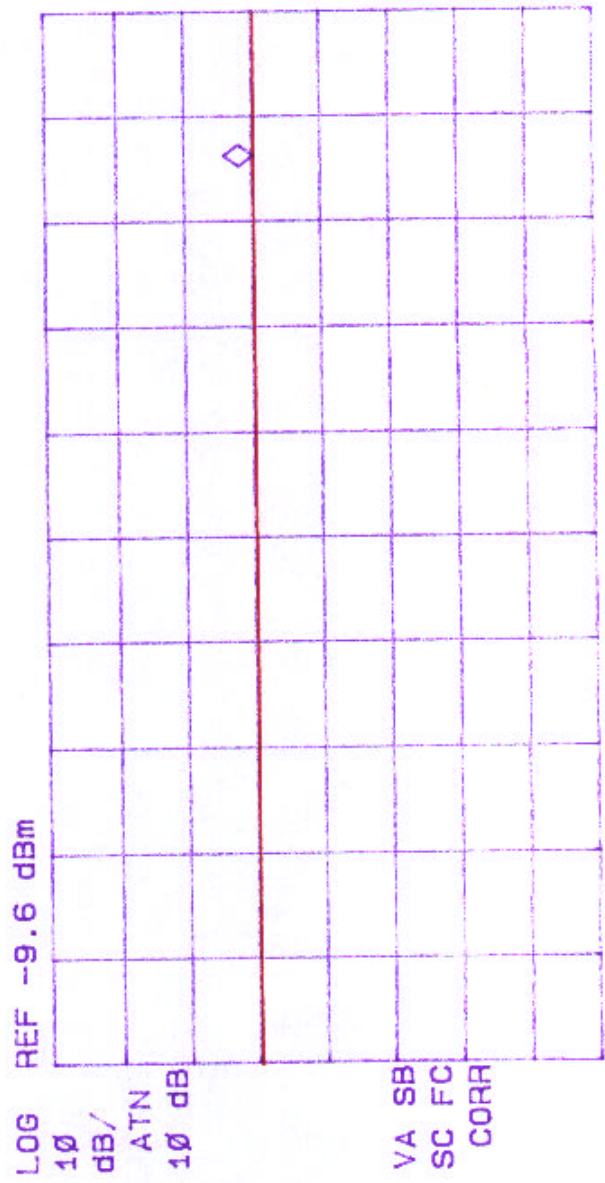


ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 914.4 MHz
-40.19 dBm

CENTER
860.0 MHz

MARKER
→ HIGH

MARKER
→ CF



NEXT PEAK

NEXT PK
RIGHT

NEXT PK
LEFT

More
1 of 3

CENTER 860.0 MHz
IF BW 120 kHz
AVG BW 300 kHz
SPAN 150.0 MHz
SWP 31.3 msec

Date: June 14, 1999
Tested by: Hang Trinh

KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER- (806-824 MHz and 851-869 MHz)
BI-DIRECTIONAL AMPLIFIER GAIN RESPONSE WITHIN 70 ± 2.5dB

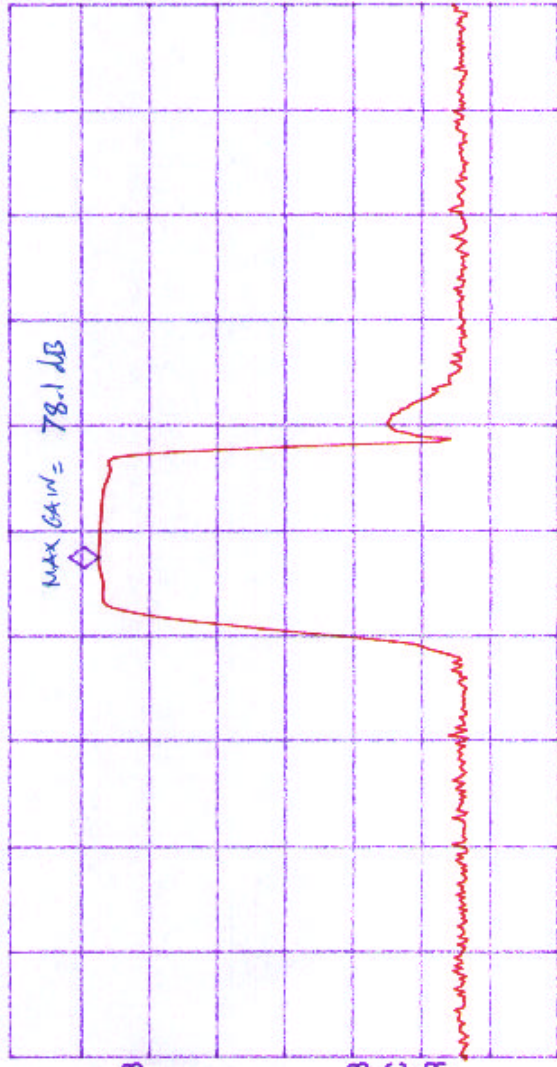
UltraTech
Engineering Labs Inc.
851-869 MHz

REF LEVEL
51.0 dBm

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 856.3 MHz
37.92 dBm

REF OFFST 30.6 dB
REF 51.0 dBm

LOG 10 dB/40 dB
ATN
MA SB
SC FC
CORR



CENTER 860.0 MHz
IF BW 120 kHz
AVG BW 300 kHz
SPAN 150.0 MHz
SWP 31.3 msec

77

Date: June 1999
Tested by: Hung Trinh

KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER- (806-824 MHz and 851-869 MHz)
20dB BW OF THE 851-869MHz AMPLIFIER OUTPUT



hp

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 25.50 MHz
-1.60 dB
No user
Menu

