



UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIER- 824-849 MHz

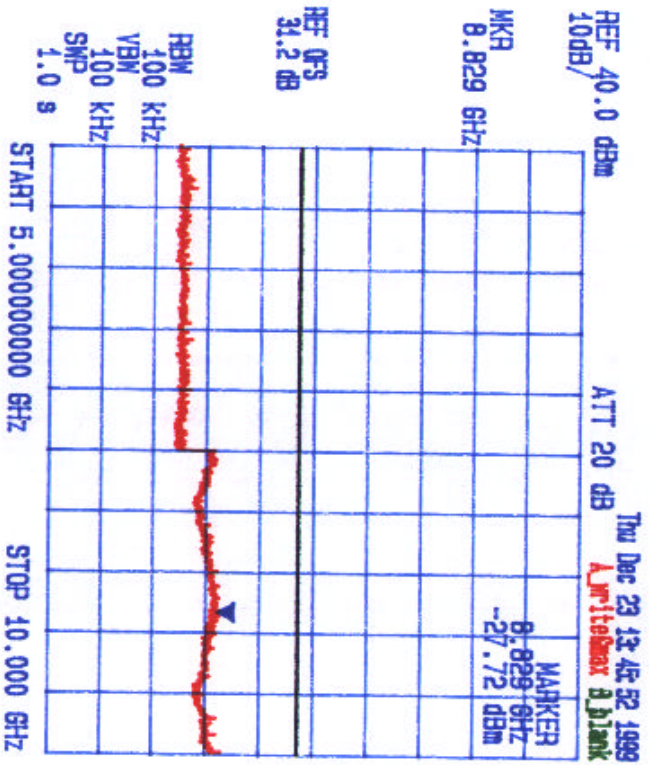
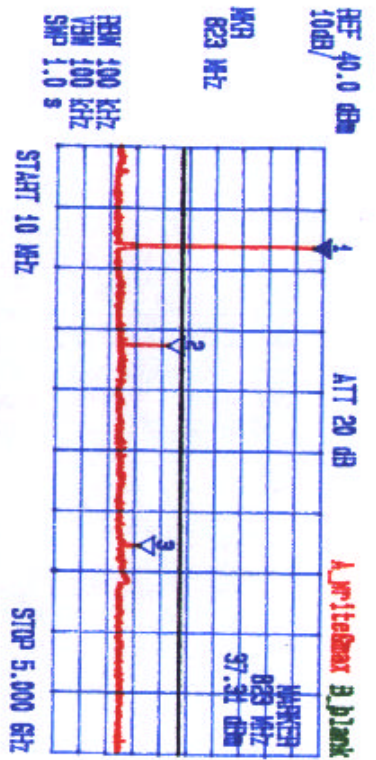
Tx Freq.: 824 MHz, RF Output at antenna: 0.3 Watts

Modulation: RF In level of -40 dBm @ 824 MHz, FM Modulated with 2.5 kHz

Sine Wave signal, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT # 25





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIER- 824 - 849 MHz

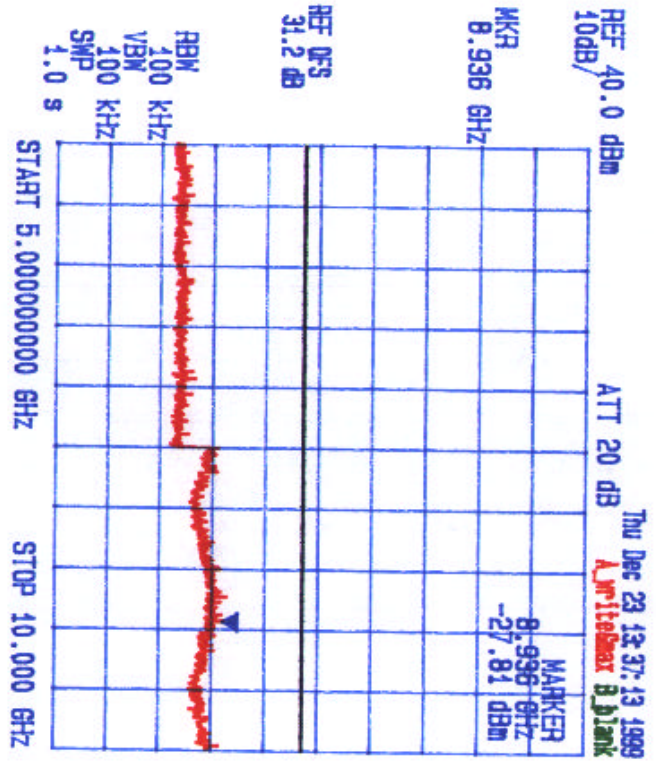
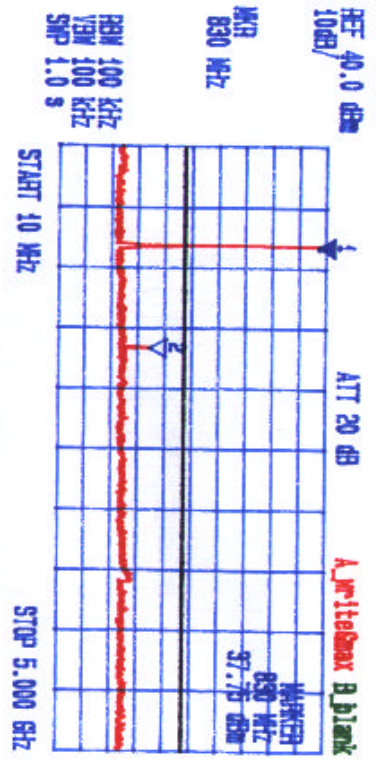
Tx Freq.: 836.5 MHz, RF Output at antenna: 7.0 Watts

Modulation: RF In level of -40 dBm @ 836.5 MHz, FM Modulated with 2.5 kHz

Sine Wave signal, Freq. Dev.: 4 kHz

Date: Dec. 23 1999
Tested by: Hung Trinh

PLOT #26





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIER- 824-849 MHz

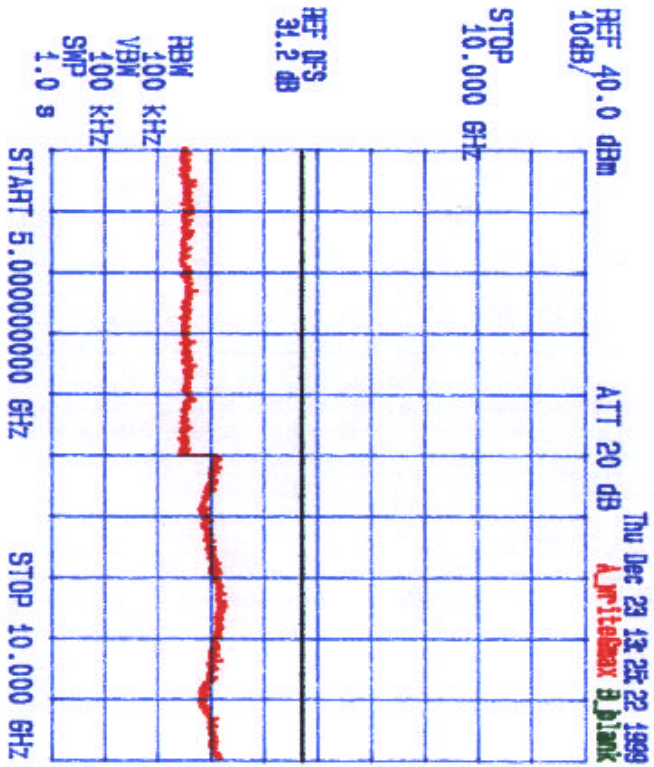
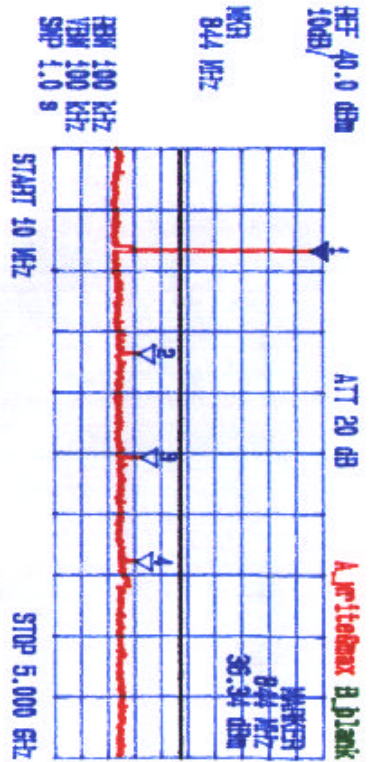
Tx Freq.: 849 MHz, RF Output at antenna: 5.0 Watts

Modulation: RF In level of -40 dBm @ 849 MHz, FM Modulated with 2.5 kHz

Sine Wave signal, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT #27





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

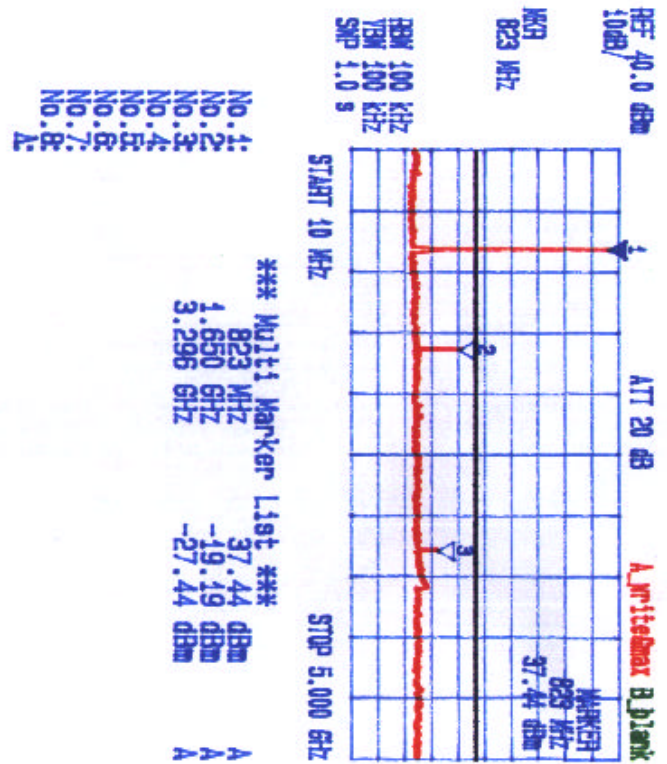
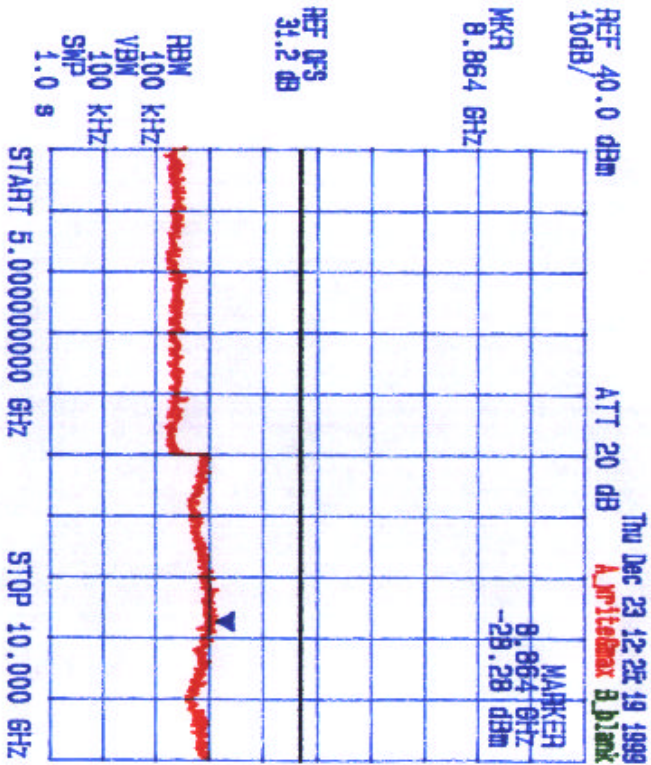
BI-DIRECTIONAL AMPLIFIER- 824 - 849 MHz

Tx Freq.: 824 MHz, RF Output at antenna: 6.3 Watts

Modulation: RF In level of -40 dBm @ 824 MHz, FM Modulated with an external 9600 b/s random data source, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT #28





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

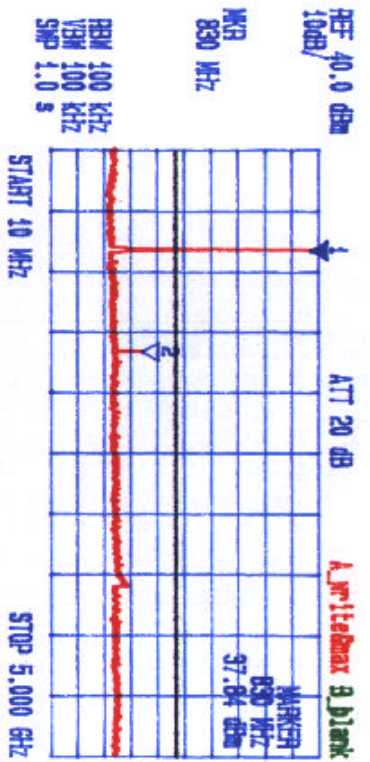
BI-DIRECTIONAL AMPLIFIER- 824-849 MHz

Tx Freq.: 836.5 MHz, RF Output at antenna: 7.0 Watts

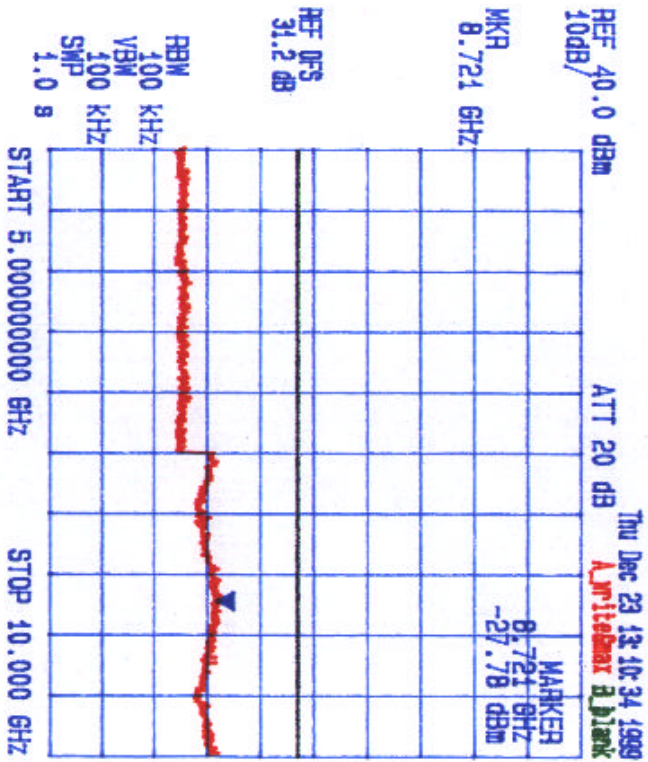
Modulation: RF In level of -40 dBm @ 836.5 MHz, FM Modulated with an external 9600 b/s random data source, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

Plot # 29



*** Multi Marker List ***
No. 1: 830 MHz 37.84 dBm A
No. 2: 1.671 GHz -25.50 dBm A





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

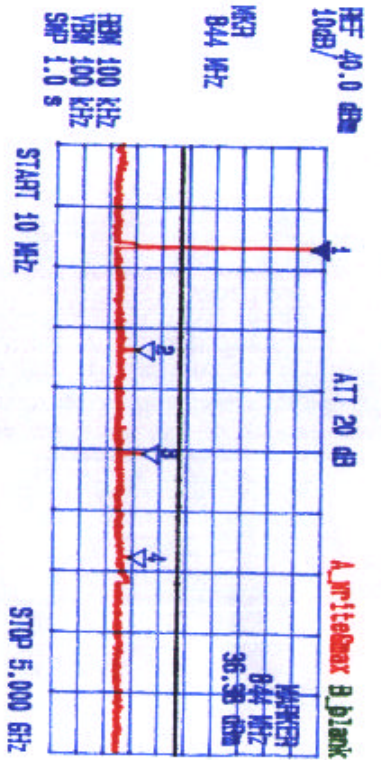
BI-DIRECTIONAL AMPLIFIER- 824-829 MHz

Tx Freq.: 849 MHz, RF Output at antenna: 5.0 Watts

Modulation: RF In level of -40 dBm @ 829 MHz, FM Modulated with an external 9600 b/s random data source, Freq. Dev.: 4 kHz

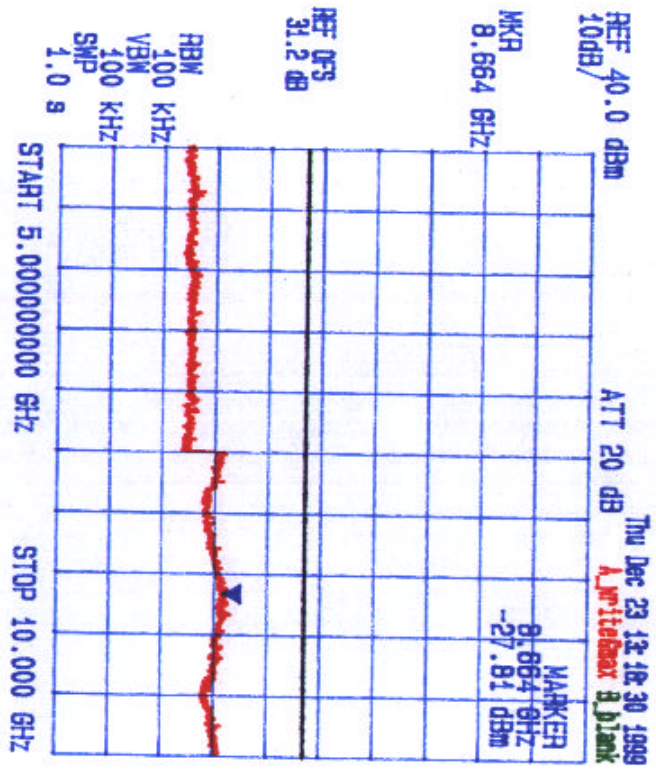
Date: Dec.: 23 1999
Tested by: Hung Trinh

Plot # 30



*** Multi Marker List ***

No.	Freq (MHz)	Level (dBm)	Marker
1:	844	36.38	A
2:	1.692	-28.63	A
3:	2.541	-26.28	A
4:	3.396	-30.75	A





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

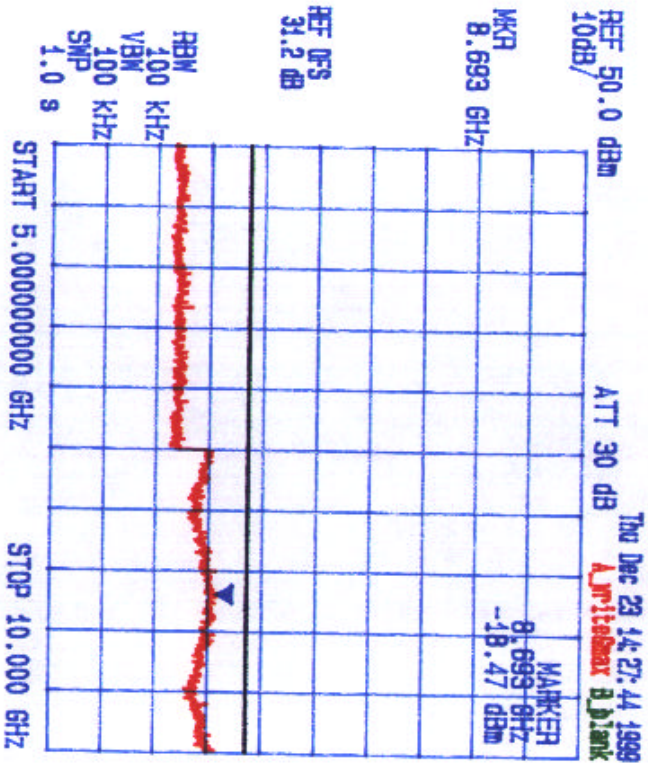
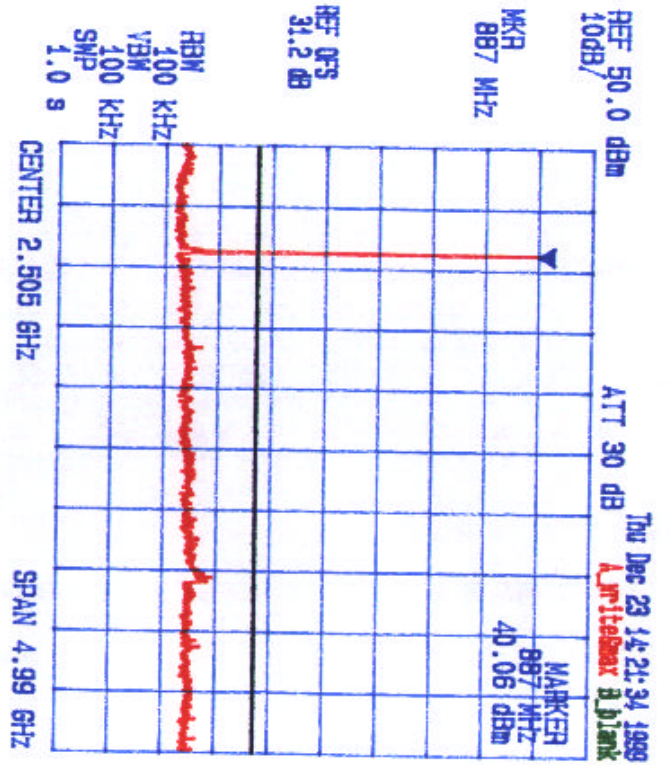
BI-DIRECTIONAL AMPLIFIER- 869-894 MHz

Tx Freq.: 869 MHz, RF Output at antenna: 10.3 Watts

Modulation: RF In level of -40 dBm @ 869 MHz, FM Modulated with 2.5 kHz
Sine Wave signal, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT # 31





KAVAL TELECOM INC.

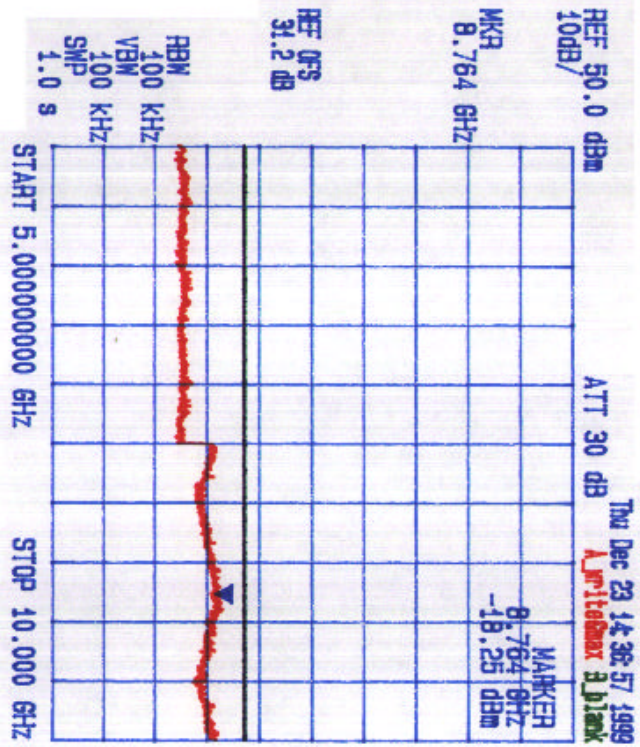
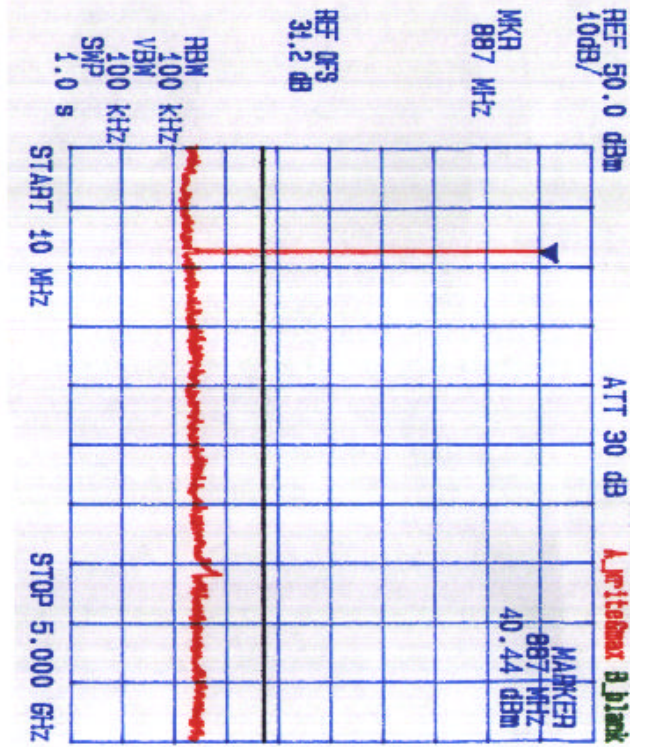
BI-DIRECTIONAL AMPLIFIER- 869-894 MHz

Tx Freq.: 881.5 MHz, RF Output at antenna: 12.3 Watts

Modulation: RF In level of -40 dBm @ 881.5 MHz, FM Modulated with 2.5 kHz
Sine Wave signal, Freq. Dev.: 4 kHz

Date: Dec.: 23
Tested by: Hung I

PLOT #32





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

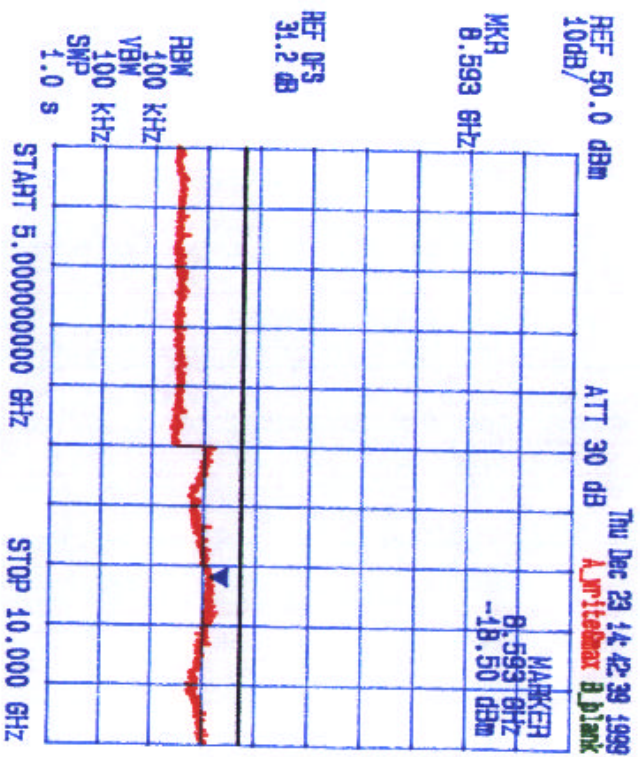
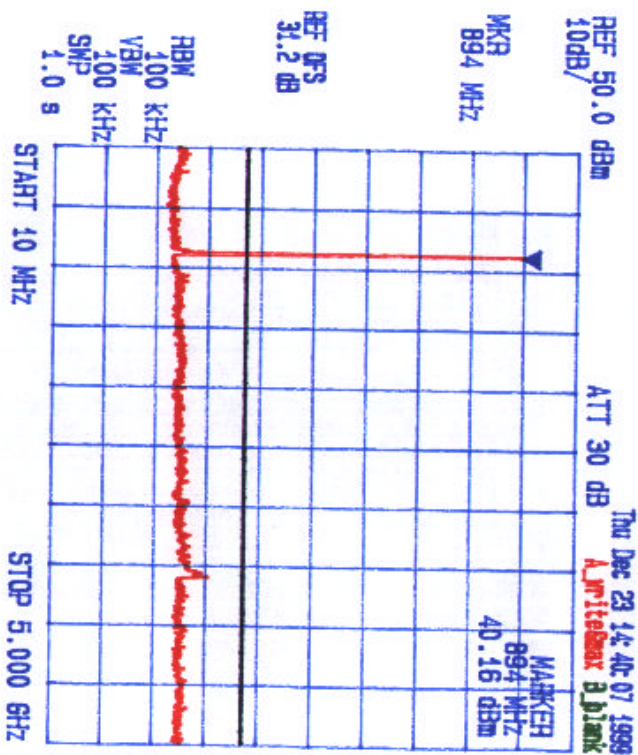
BI-DIRECTIONAL AMPLIFIER- 869-894 MHz

Tx Freq.: 894 MHz, RF Output at antenna: 11.1 Watts

Modulation: RF In level of -40 dBm @ 868 MHz, FM Modulated with 2.5 kHz
Sine Wave signal, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT # 33





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

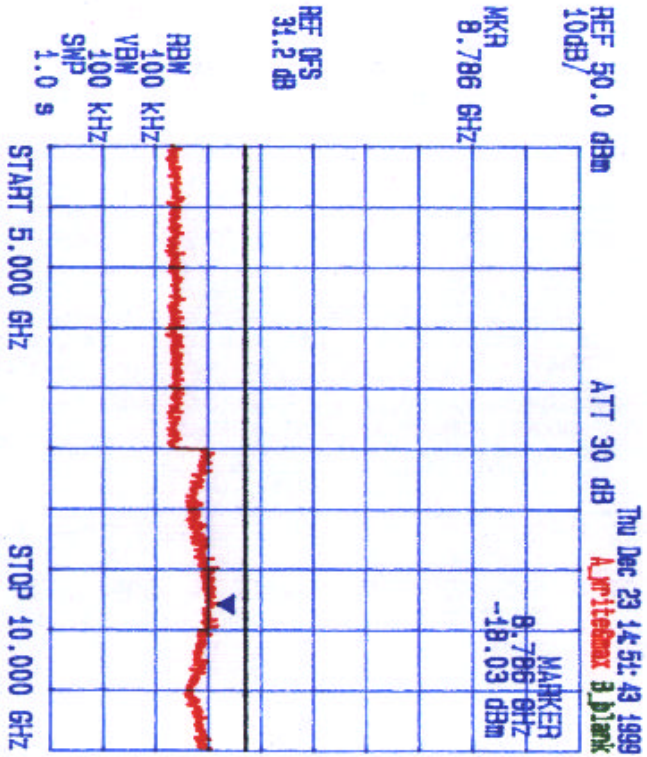
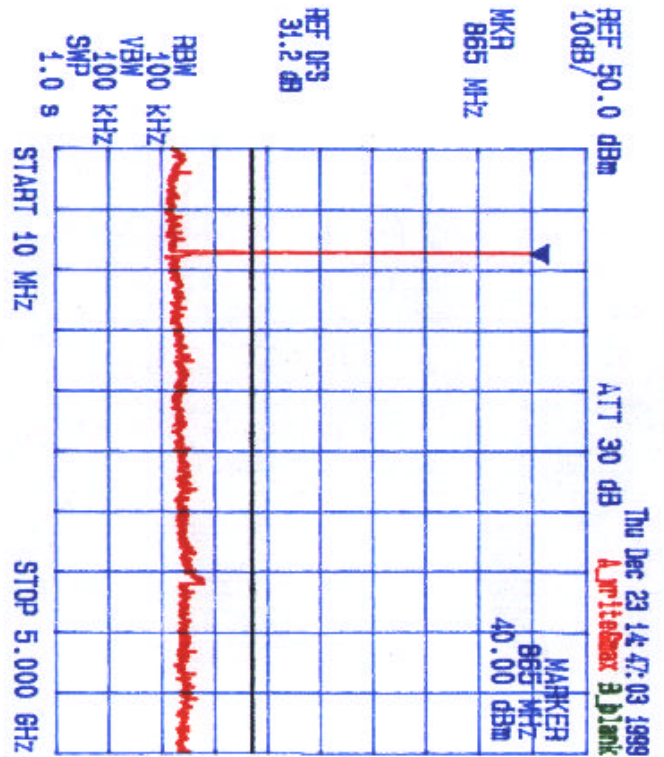
BI-DIRECTIONAL AMPLIFIER- 869-894 MHz

Tx Freq.: 869 MHz, RF Output at antenna: 10.3 Watts

Modulation: RF In level of -40 dBm @ 869 MHz, FM Modulated with an external 9600 b/s random data source, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT #34





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

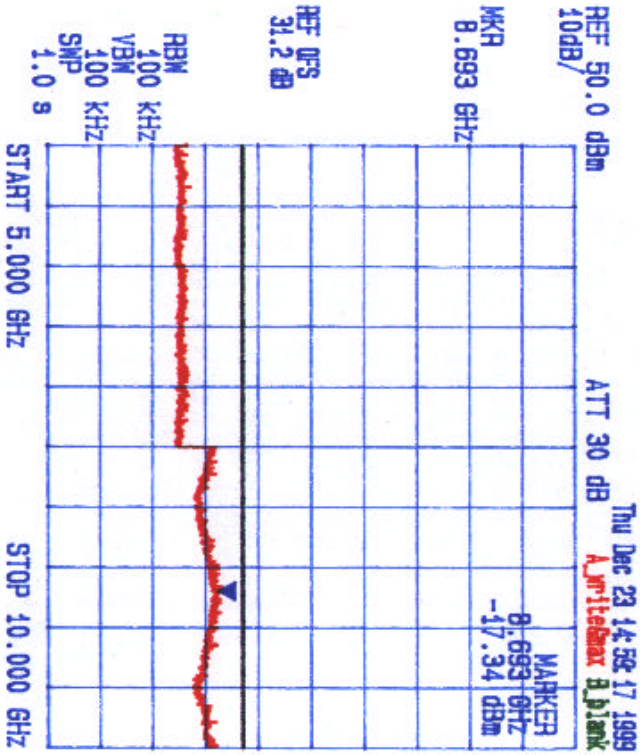
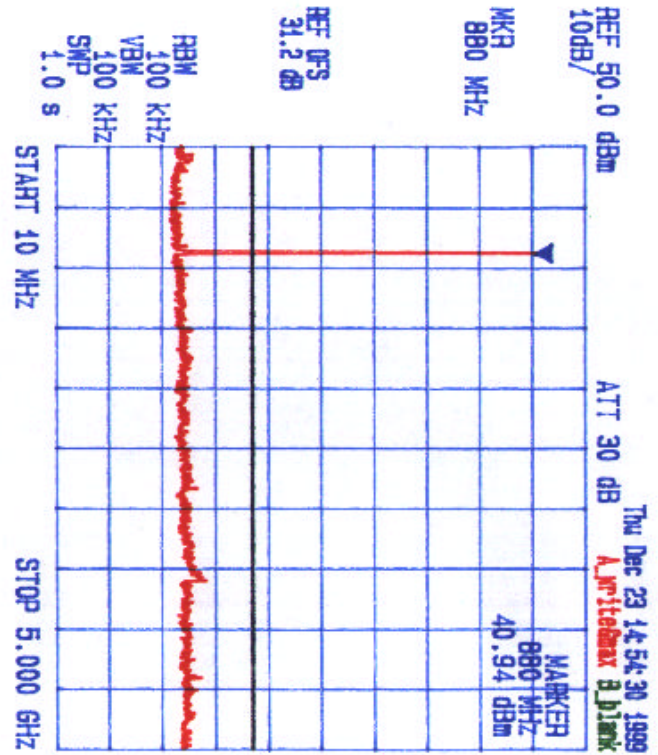
BI-DIRECTIONAL AMPLIFIER- 869-894 MHz

Tx Freq.: 881.5 MHz, RF Output at antenna: 12.3 Watts

Modulation: RF In level of -40 dBm @ 881.5 MHz, FM Modulated with an external 9600 b/s random data source, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT # 35





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIER- 869-894 MHz

Tx Freq.: 894 MHz, RF Output at antenna: 11.1 Watts

Modulation: RF In level of -40 dBm @ 894 MHz, FM Modulated with an external 9600 b/s random data source, Freq. Dev.: 4 kHz

Date: Dec.: 23 1999
Tested by: Hung Trinh

PLOT #36

