



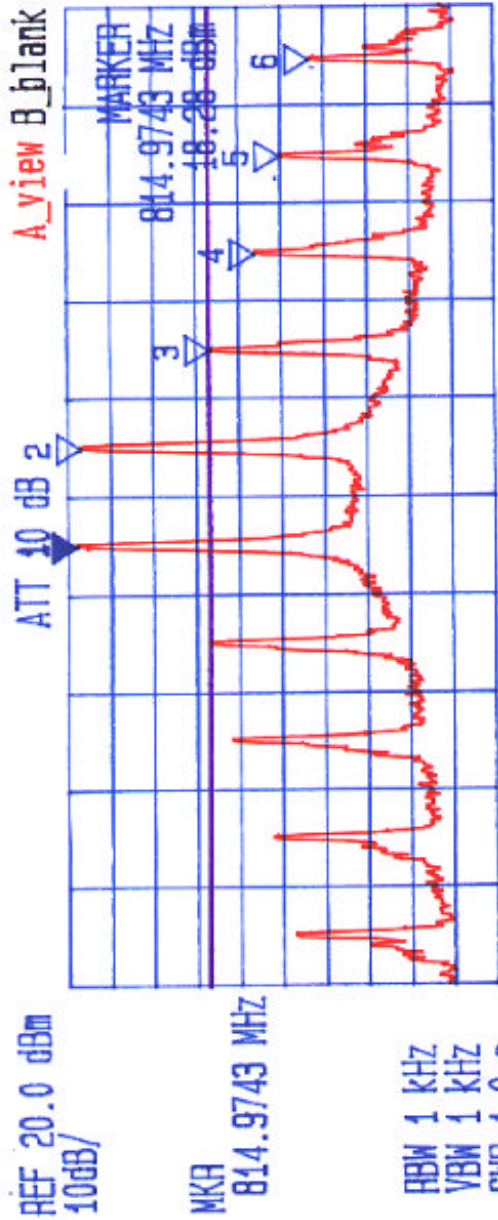
UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIERS, MODEL: BDA 1250-T
INTERMODULATION WITH 2 RF INPUT SIGNALS IN 806-824 MHz BAND
(814.975 & 815.085 MHz)

Date: Jan. 06, 2000
Tested by: Hung Trinh

PLOT #1



CENTER 815.0000 MHz SPAN 500 kHz

*** Multi Marker List ***

Frequency (MHz)	Power (dBm)	Label
814.9743	18.28	A
815.0243	17.44	A
815.0743	-13.09	A
815.1236	-23.66	A
815.1736	-29.97	A
815.2229	-36.84	A

- NO. 1: Δ
- NO. 2: Δ
- NO. 3: Δ
- NO. 4: Δ
- NO. 5: Δ
- NO. 6: Δ
- NO. 7: Δ
- NO. 8: Δ

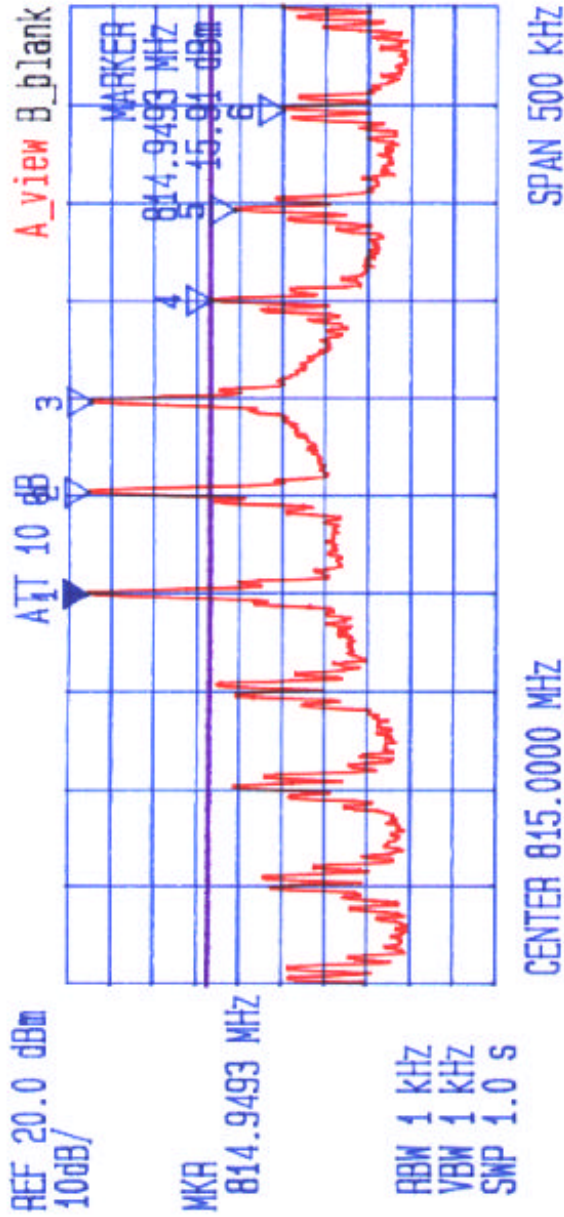


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Engineering Labs Inc.

KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIERS, MODEL: BDA 1250-T
INTERMODULATION WITH 3 RF INPUT SIGNALS IN 806-824 MHz BAND
(814.95, 815.00, 815.65 MHz)

Date: Jan. 06, 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)
1	814.9493	15.91
2	815.0014	15.06
3	815.0479	14.84
4	815.1000	-13.19
5	815.1464	-18.59
6	815.1971	-30.09

- No. 1: A
- No. 2: A
- No. 3: A
- No. 4: A
- No. 5: A
- No. 6: A
- No. 7: A
- No. 8: A
- Δ:

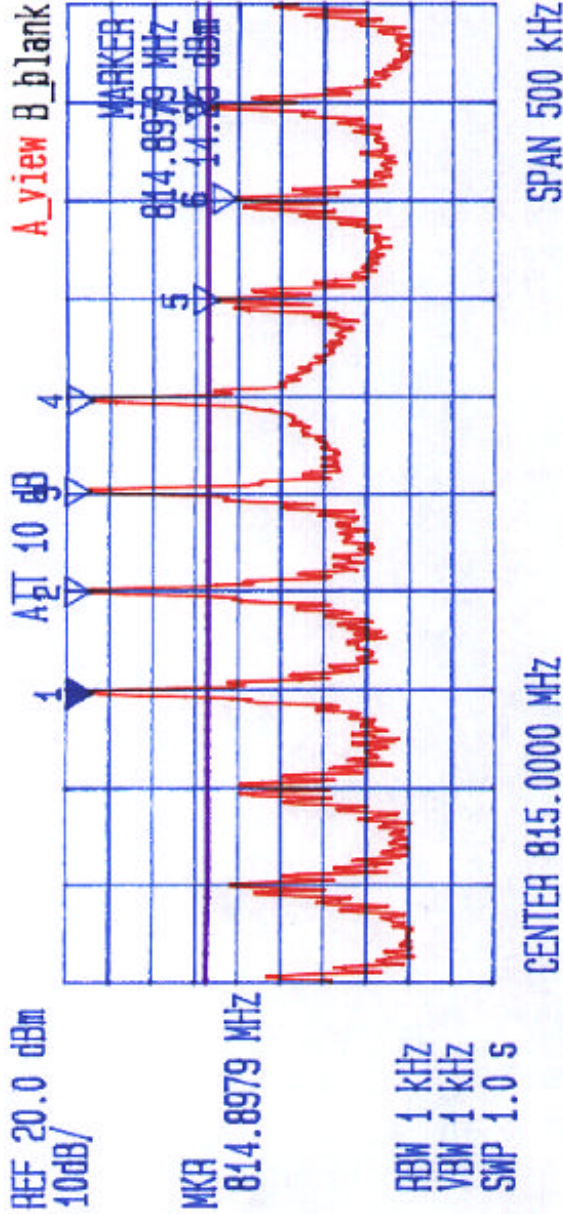
PLOT #2

Date: Jan. 2000
 Tested by: Hung Trinh

KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIERS, MODEL: BDA 1250-T
 INTERMODULATION WITH 4 RF INPUT SIGNALS IN 806-824 MHz BAND
 (814.80, 814.85, 815.00 & 815.85 MHz)



PLOT #3



*** Multi Marker List ***

No.	Marker	List	***
No. 1:	814.8979 MHz	14.25 dBm	A
No. 2:	814.9493 MHz	14.81 dBm	A
No. 3:	815.0007 MHz	14.81 dBm	A
No. 4:	815.0479 MHz	14.47 dBm	A
No. 5:	815.0993 MHz	-15.44 dBm	A
No. 6:	815.1507 MHz	-19.63 dBm	A
No. 7:	815.1971 MHz	-13.22 dBm	A
No. 8:			
Δ:			



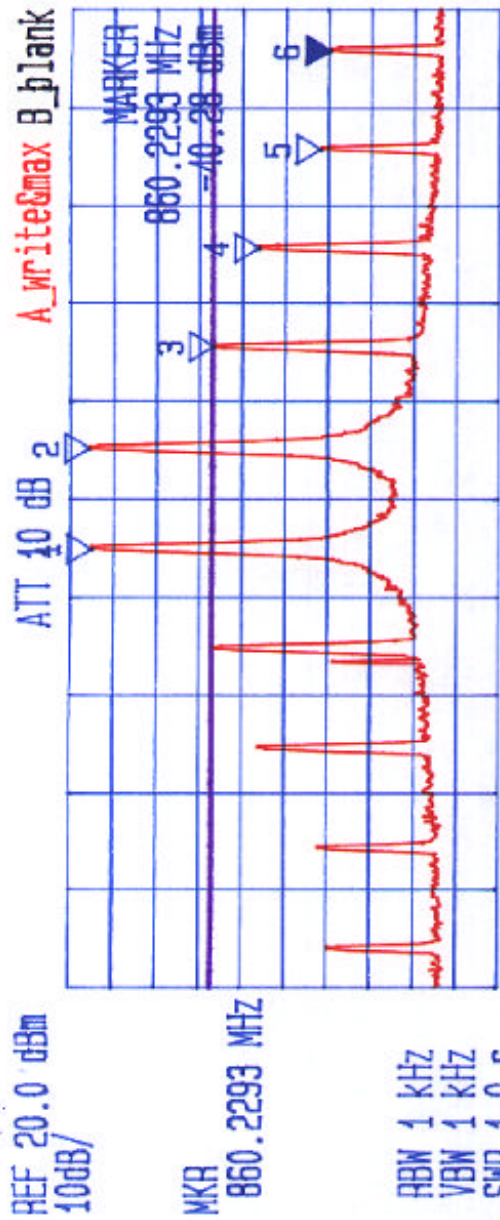
UltraTech
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KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIERS, MODEL: BDA 1250-T
INTERMODULATION WITH 2 RF INPUT SIGNALS IN 851-869 MHz BAND
(859.975 & 860.085 MHz)

Date: Jan. 05, 2000
Tested by: Hung Trinh

PLOT #4



No.	Multi	Marker	List	***
No. 1:	859.9743	MHZ	15.38	dBm
No. 2:	860.0257	MHZ	15.72	dBm
No. 3:	860.0771	MHZ	-13.25	dBm
No. 4:	860.1279	MHZ	-23.81	dBm
No. 5:	860.1786	MHZ	-38.19	dBm
No. 6:	860.2293	MHZ	-40.28	dBm
No. 7:				A
No. 8:				A



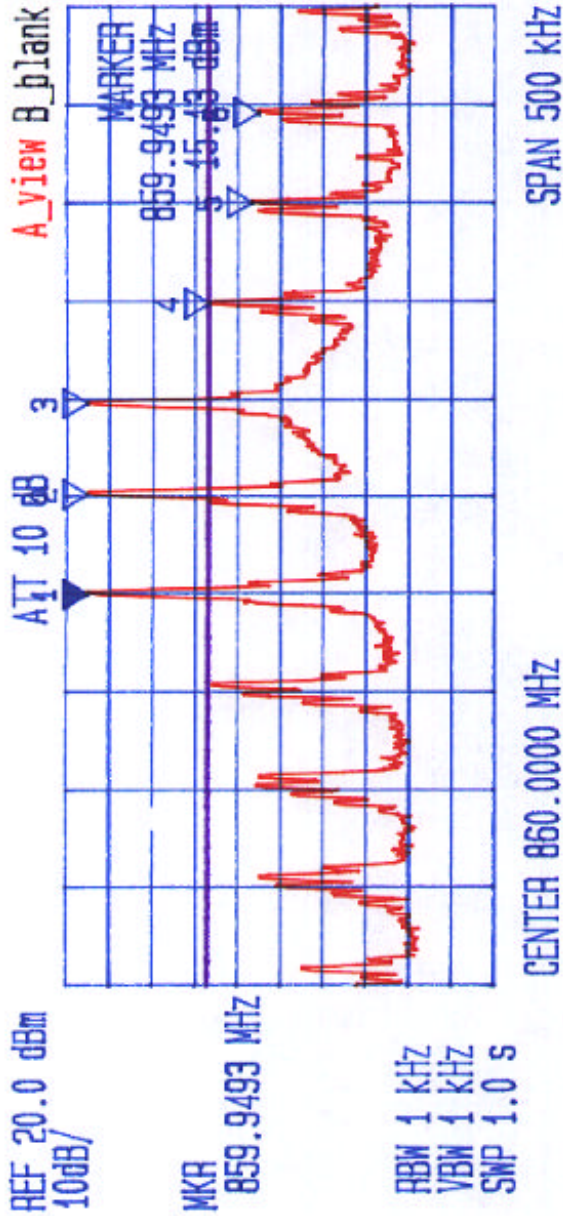
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KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIERS, MODEL: BDA 1250-T
INTERMODULATION WITH 3 RF INPUT SIGNALS IN 851-869 MHz BAND
(859.95, 860.00 & 860.05 MHz)

Date: Jan. 26, 2000
Tested by: Hung Trinh

PLOT #5



REF 20.0 dBm
10dB/

MKR 859.9493 MHz

RBW 1 kHz
VBW 1 kHz
SWP 1.0 S

*** Multi Marker List ***

No.	Marker	List	***
No. 1:	859.9493 MHz	15.13	dBm
No. 2:	860.0007 MHz	15.13	dBm
No. 3:	860.0479 MHz	15.00	dBm
No. 4:	860.0986 MHz	-13.03	dBm
No. 5:	860.1500 MHz	-23.44	dBm
No. 6:	860.1957 MHz	-24.97	dBm
No. 7:			A
No. 8:			A

No. 1:
No. 2:
No. 3:
No. 4:
No. 5:
No. 6:
No. 7:
No. 8:
Δ:



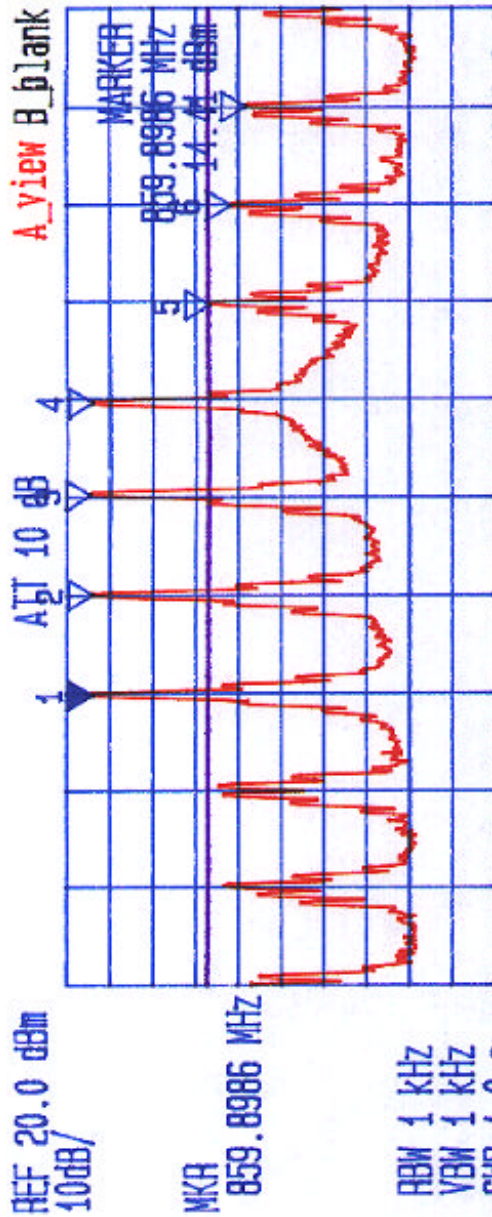
UltraTech
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KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIERS, MODEL: BDA 1250-T
INTERMODULATION WITH 4 RF INPUT SIGNALS IN 851-869 MHz BAND
(859.90, 859.95, 860.00 & 860.05 MHz)

Date: Jan. 26, 2000
Tested by: Hung Trinh

PLOT #6



CENTER 860.0000 MHz

SPAN 500 kHz

*** Multi Marker List ***

No.	Marker	List	***
No. 1:	859.8986 MHz	14.41	dBm
No. 2:	859.9500 MHz	14.28	dBm
No. 3:	860.0007 MHz	14.50	dBm
No. 4:	860.0479 MHz	14.06	dBm
No. 5:	860.0979 MHz	-13.25	dBm
No. 6:	860.1493 MHz	-18.09	dBm
No. 7:	860.2000 MHz	-21.81	dBm
No. 8:			

- No. 1:
- No. 2:
- No. 3:
- No. 4:
- No. 5:
- No. 6:
- No. 7:
- No. 8:
- Δ: