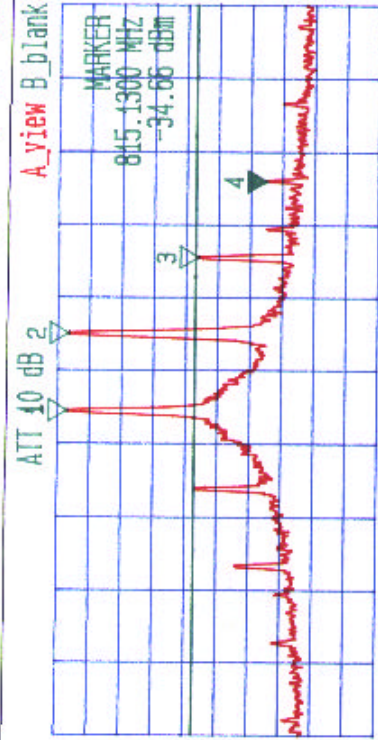




**KAVAL TELECOM INC.**  
**BI-DIRECTIONAL AMPLIFIER (806-824 MHz and 851-869 MHz)**

Date: June 14, 1999  
 Tested by: Hong Trinh

INTERMODULATION WITH 2RF INPUT SIGNALS IN SCS-824 MHz BAND



REF 30.0 dBm  
 10dB/

MKR  
 815.1300 MHz

RBW 1 KHZ  
 VBW 1 KHZ  
 SWP 1.0 S

CENTER 815.0000 MHz  
 SPAN 500 KHZ

\*\*\* Multi Marker List \*\*\*

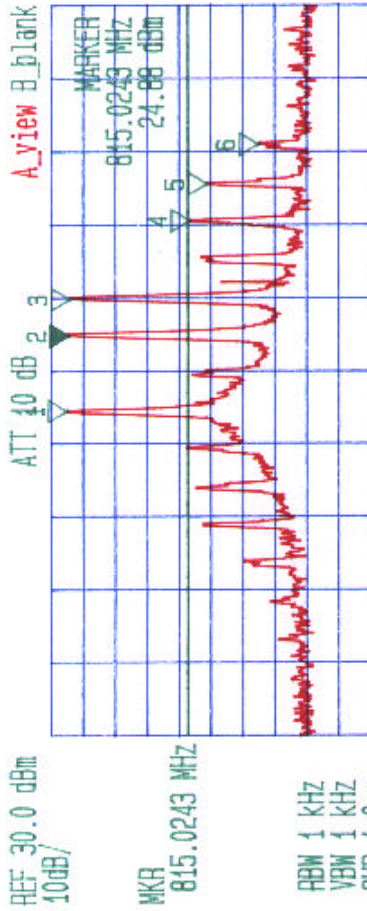
No.	Marker	List	***
1	814.9721 MHz	27.16	dBm
2	815.0250 MHz	26.81	dBm
3	815.0779 MHz	-13.59	dBm
4	815.1300 MHz	-34.66	dBm

- No. 1:  $\Delta$
- No. 2:  $\Delta$
- No. 3:  $\Delta$
- No. 4:  $\Delta$
- No. 5:  $\Delta$
- No. 6:  $\Delta$
- No. 7:  $\Delta$
- No. 8:  $\Delta$

Date: June 14, 1999  
 Tested by: HANG TRINH

**KAVAL TELECOM INC.**  
**BI-DIRECTIONAL AMPLIFIER ( 806-824 MHz and 851-869 MHz )**

INTERMODULATION WITH 3 RF INPUT SIGNALS IN 806-824MHz BAND



CENTER 815.0000 MHz SPAN 500 kHz

No.	Multi Marker List	dBm
No. 1:	814.9721 MHz	25.03 dBm
No. 2:	815.0243 MHz	24.88 dBm
No. 3:	815.0493 MHz	24.22 dBm
No. 4:	815.1029 MHz	-13.19 dBm
No. 5:	815.1279 MHz	-18.97 dBm
No. 6:	815.1550 MHz	-34.75 dBm
No. 7:		
No. 8:		
A:		

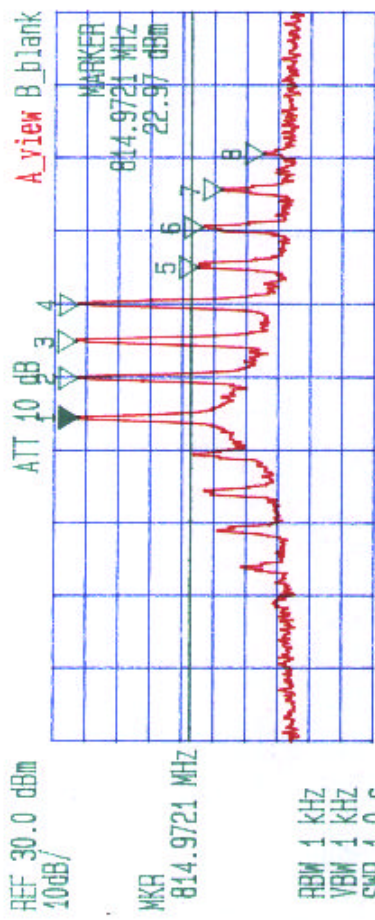
REF 30.0 dBm  
 10dB/

MKR  
 815.0243 MHz

RBW 1 kHz  
 VBW 1 kHz  
 SWP 1.0 s

Date: June 14, 1999  
 Tested by: Ting Trish

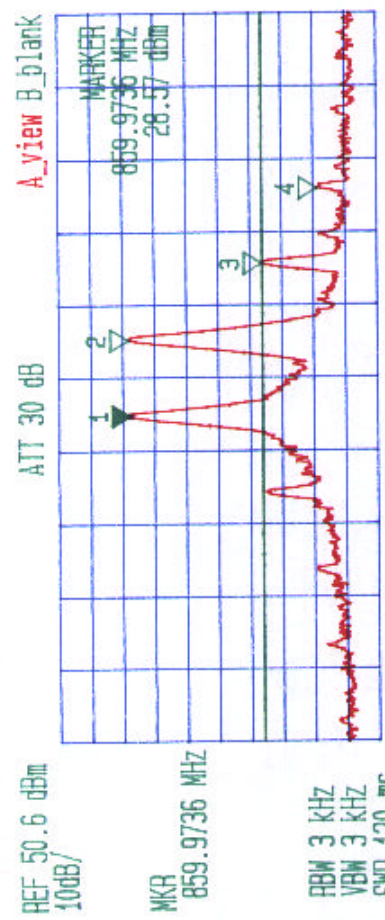
**KAVAL TELECOM INC.**  
**BI-DIRECTIONAL AMPLIFIER - (806-824 MHz and 851-869 MHz)**  
 INTERMODULATION WITH 4 RF INPUT SIGNALS IN EDGE-SIGNAL BAND



No.	Multi	Marker	List	***
1:	814.9721	MHz	22.97	dBm
2:	814.9993	MHz	22.50	dBm
3:	815.0243	MHz	23.16	dBm
4:	815.0493	MHz	22.72	dBm
5:	815.0750	MHz	-14.88	dBm
6:	815.1021	MHz	-16.13	dBm
7:	815.1279	MHz	-22.06	dBm
8:	815.1529	MHz	-35.06	dBm
Δ:				

Date: June 16, 1999  
 Tested by: HANG TRINH

**KAVAL TELECOM INC.**  
**BI-DIRECTIONAL AMPLIFIER- ( 806-824 MHz and 851-869 MHz )**  
 INTERMODULATION WITH 2 RF INPUT SIGNALS IN 851-869 MHz BAND.



MEAN POWER (P0+3dB)  
 A 31.6 dBm  
 A 31.8 dBm  
 A  
 A

\*\*\* Multi Marker List \*\*\*

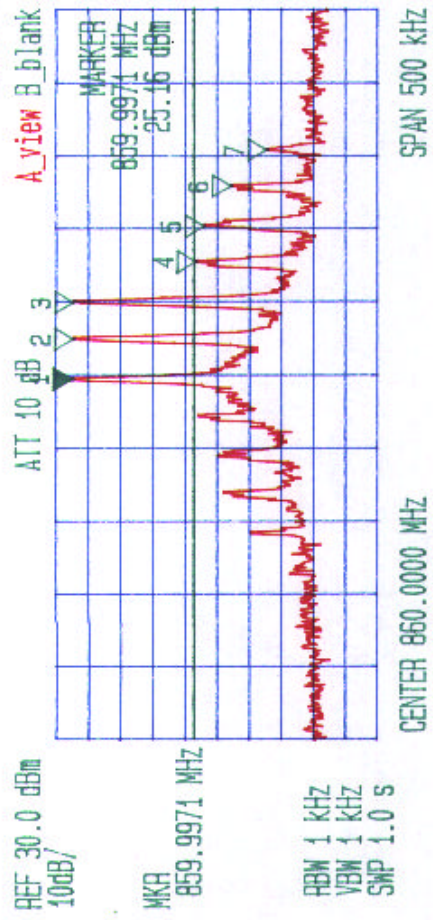
No.	Freq (MHz)	Power (dBm)
1	859.9736	28.57
2	860.0257	28.76
3	860.0786	-12.93
4	860.1300	-30.71

- No. 1: P01  
 No. 2: P02  
 No. 3:  
 No. 4:  
 No. 5:  
 No. 6:  
 No. 7:  
 No. 8:  
 Δ:

Date: June 24, 1999  
 Tested by: Hong Trinh

**KAVAL TELECOM INC.**  
**BI-DIRECTIONAL AMPLIFIER- ( 806-824 MHz and 851-869 MHz )**

INTERMODULATION WITH 3 RF INPUT SIGNALS IN 851-869 MHz BAND



\*\*\* Multi Marker List \*\*\*

No.	Marker	List	dBm
1	859.9971 MHz	25.16	dBm
2	860.0243 MHz	24.97	dBm
3	860.0493 MHz	24.94	dBm
4	860.0771 MHz	-13.06	dBm
5	860.1014 MHz	-15.78	dBm
6	860.1293 MHz	-24.38	dBm
7	860.1543 MHz	-35.22	dBm
8			dBm

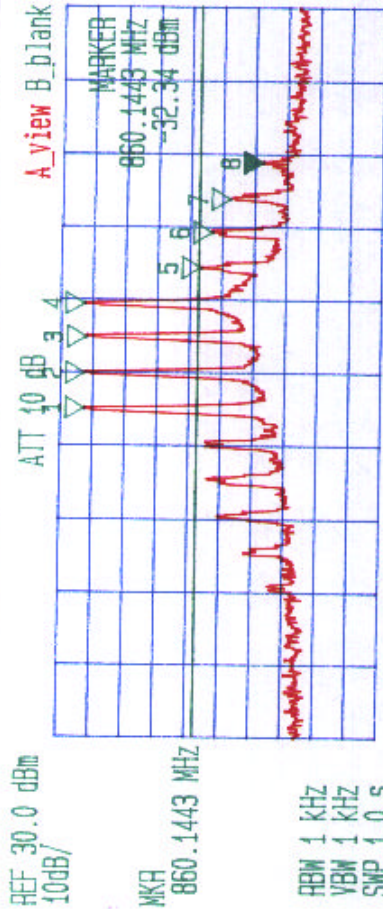
No. 1:  
 No. 2:  
 No. 3:  
 No. 4:  
 No. 5:  
 No. 6:  
 No. 7:  
 No. 8:  
 Δ:



**KAVAL TELECOM INC.**  
**BI-DIRECTIONAL AMPLIFIER- ( 806-824 MHz and 851-869 MHz )**

Date: June 14, 1999  
 Tested by: Itong Trinh

INTERMODULATION WITH 4 RF INPUT SIGNALS IN 851-869 MHz BAND



No.	Multi	Marker List	***
1:	859.9750	MHZ	22.53 dBm
2:	859.9993	MHZ	22.66 dBm
3:	860.0243	MHZ	22.13 dBm
4:	860.0471	MHZ	22.75 dBm
5:	860.0721	MHZ	-13.06 dBm
6:	860.0964	MHZ	-16.59 dBm
7:	860.1193	MHZ	-22.28 dBm
8:	860.1443	MHZ	-32.34 dBm
A:			A