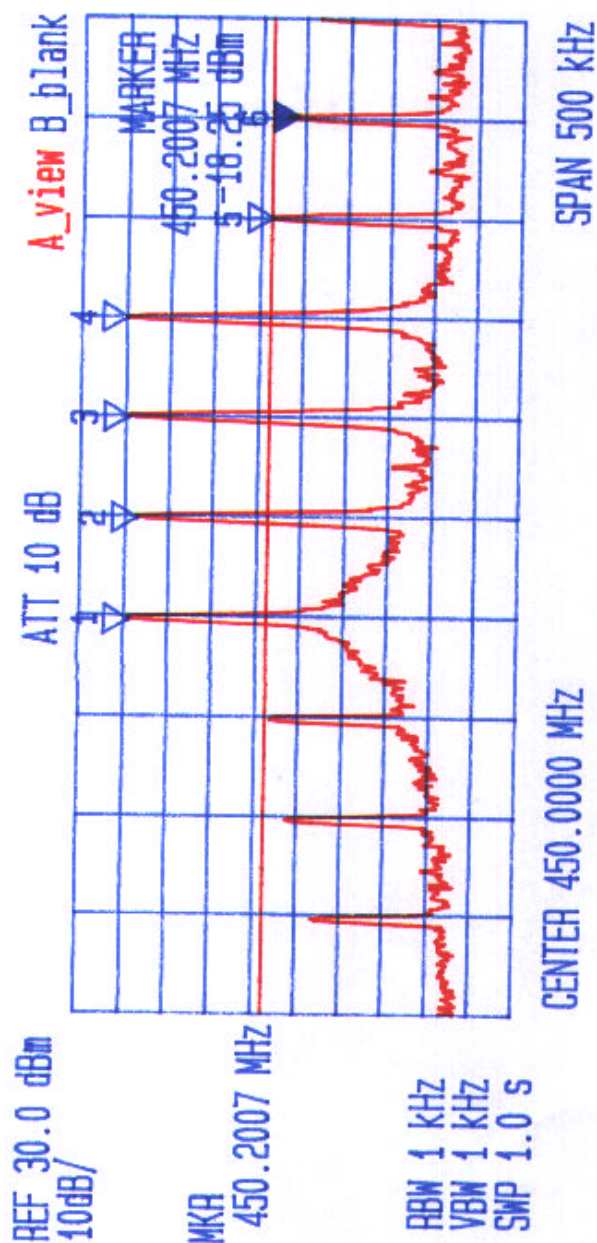




KAVAL TELECOM INC.
BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz
 Intermodulation with 4 RF Input signals in 403-512 MHz band
450.05, 450.00, 449.95, & 450.10 MHz

Date: April 17 2000
 Tested by: Hung Trinh

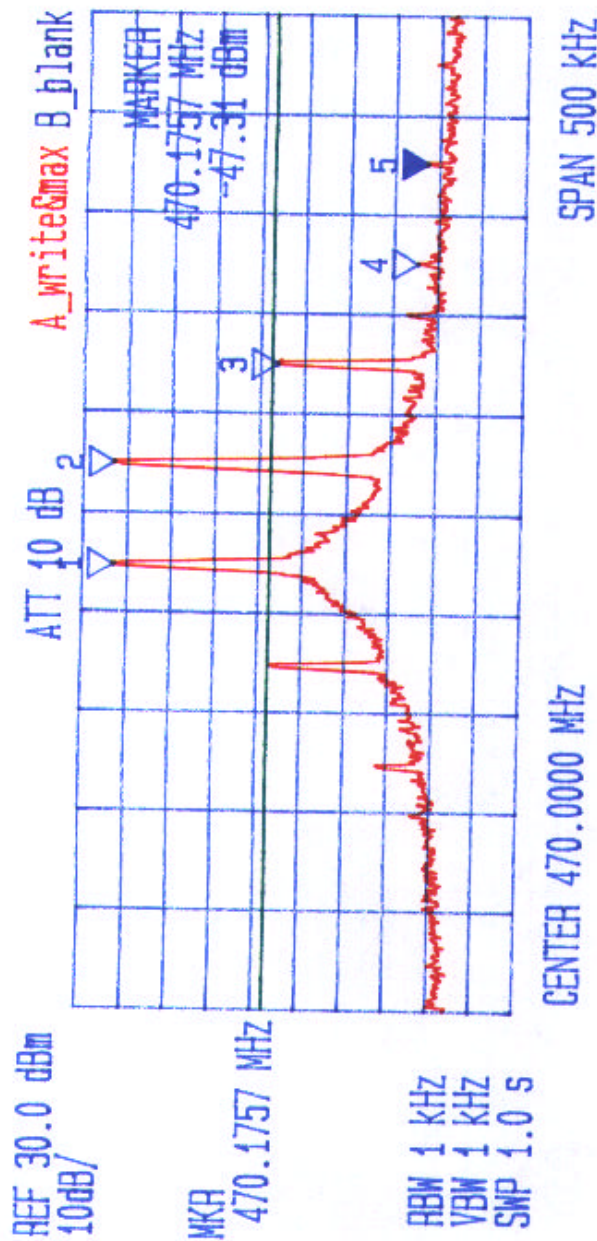


*** Multi Marker List ***

449.9479 MHz	18.69 dBm	A
449.9986 MHz	17.41 dBm	A
450.0493 MHz	19.22 dBm	A
450.0993 MHz	19.59 dBm	A
450.1500 MHz	-13.00 dBm	A
450.2007 MHz	-18.25 dBm	A

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

470.0858 & 469.975 MHz



No.	1:	2:	3:	4:	5:	6:	7:	8:	Δ:
*** Multi Marker List ***	469.9736 MHz	470.0243 MHz	470.0743 MHz	470.1250 MHz	470.1757 MHz	23.22 dBm	23.31 dBm	-13.63 dBm	-45.03 dBm
						-47.31 dBm			



UltraTech
Engineering Labs Inc.

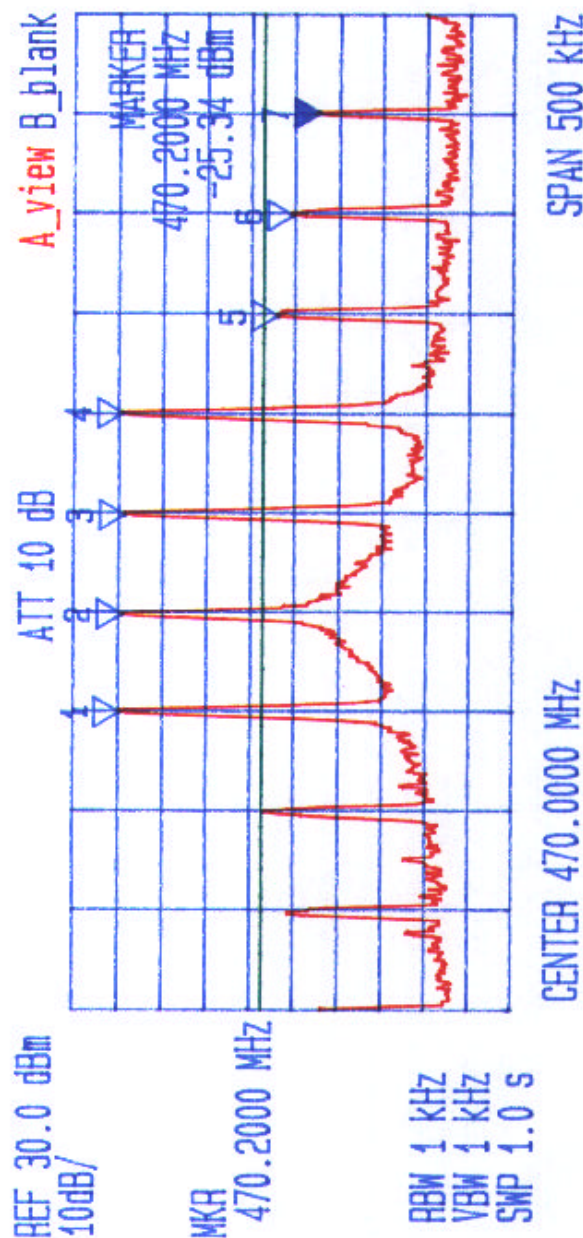
KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Intermodulation with 4 RF Input signals in 403-512 MHz band

Date: April 24 2000
Tested by: Hung Trinh

470.05, 470.1, 469.95 & 470.10 MHz



*** Multi Marker List ***

No.	1:	2:	3:	4:	5:	6:	7:	8:	Δ:
	469.8993	469.9486	469.9986	470.0500	470.0986	470.1486	470.2000		
	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
	19.50	19.03	18.94	19.00	-15.91	-19.38	-25.34		
	dBm	dBm	dBm	dBm	dBm	dBm	dBm		
	A	A	A	A	A	A	A		



KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Tx Freq.: 406.125 MHz, RF Output: 1.4 Watts

RF In at level of -40 dBm @ 406.125 MHz

Mod: FM Modulated with 2.5 kHz Sine Wave signal, Freq. Dev.: ____ kHz

Transmitter Antenna Power Conducted Emissions

Date: April / 7 / 2000
Tested by: Hung Trinh

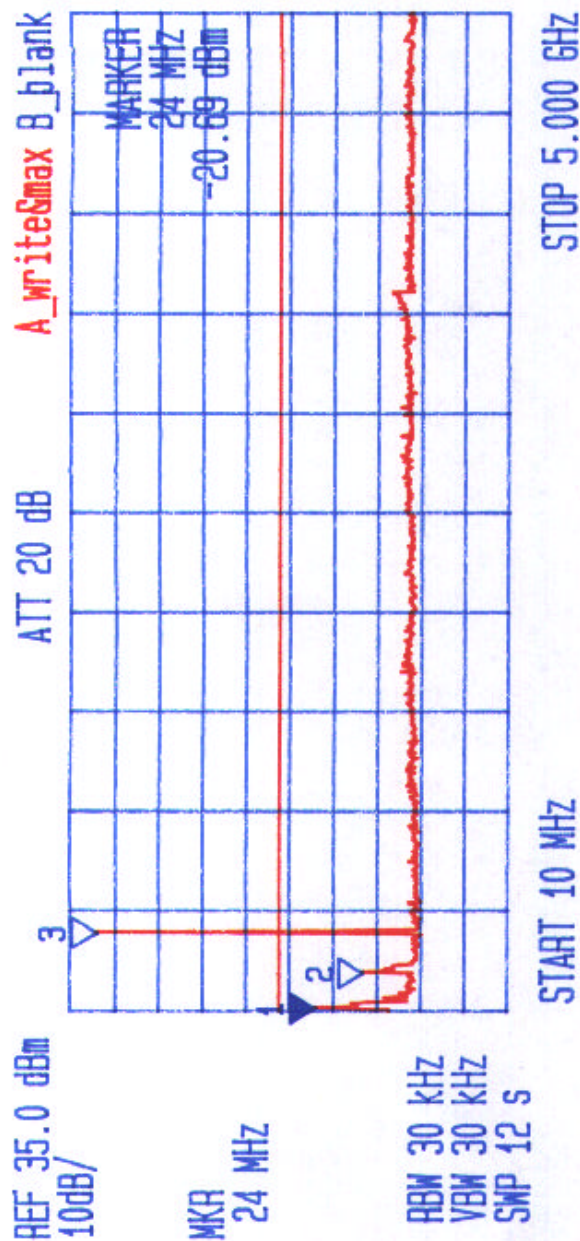


EXHIBIT 9 - PLOT #46 OF 60

*** Multi Marker List ***

No.	Marker	Frequency (MHz)	Power (dBm)	Label
1	24 MHz	24	-20.69	A
2	202 MHz	202	-31.66	A
3	402 MHz	402	29.28	A

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



KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Tx Freq.: 406.125 MHz; RF Output: 1.4 Watts

RF In at level of -40 dBm @ 406.125 MHz

Mod: FM Modulated with an external 9600 b/s random data, Freq. Dev.: ____ kHz

Transmitter Antenna Power Conducted Emissions

Date: April 17, 2000
Tested by: Hung Trinh

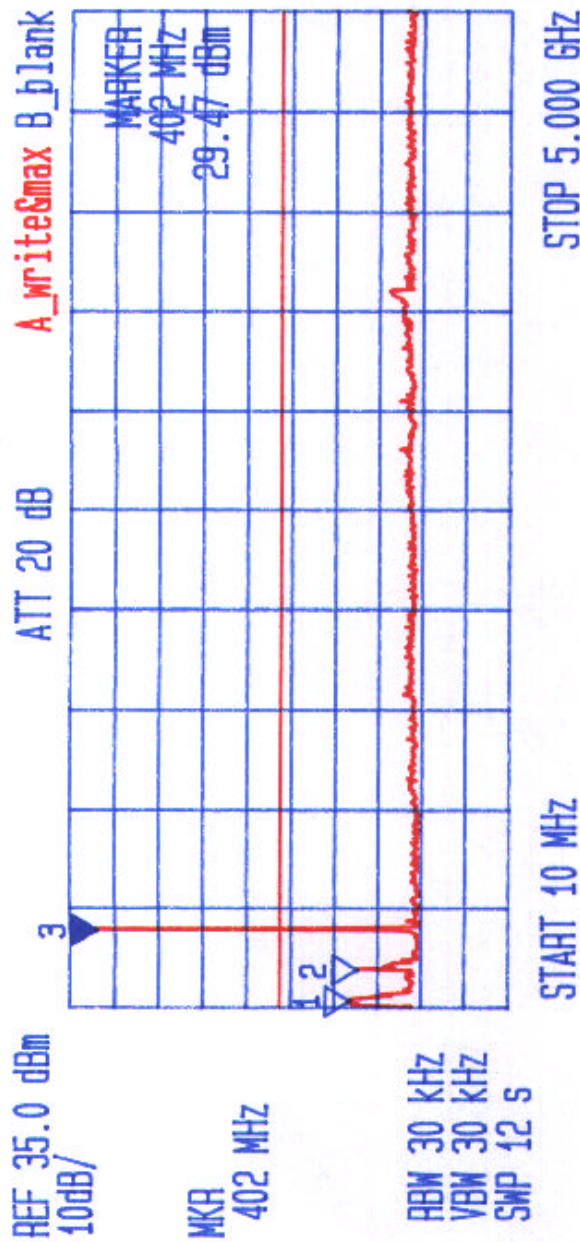


EXHIBIT 9 - PLOT #47 OF 60

*** Multi Marker List ***

No. 1:	46 MHz	-28.66 dBm	A
No. 2:	202 MHz	-30.28 dBm	A
No. 3:	402 MHz	29.47 dBm	A
No. 4:			
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			



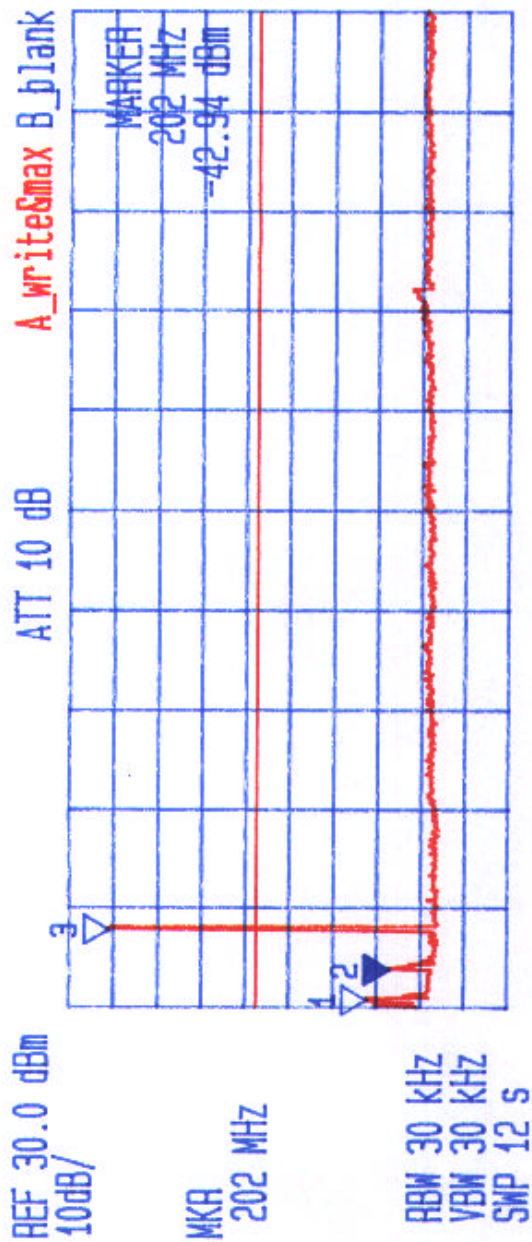
UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403 – 512 MHz Output with 2 RF Input signals
406.15 & 406.10 MHz

Date: April 17 2000
Tested by: Hung Trinh



*** Multi Marker List ***

53 MHz	-38.00 dBm	A
202 MHz	-42.94 dBm	A
402 MHz	21.16 dBm	A

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



UltraTech
Engineering Labs Inc.

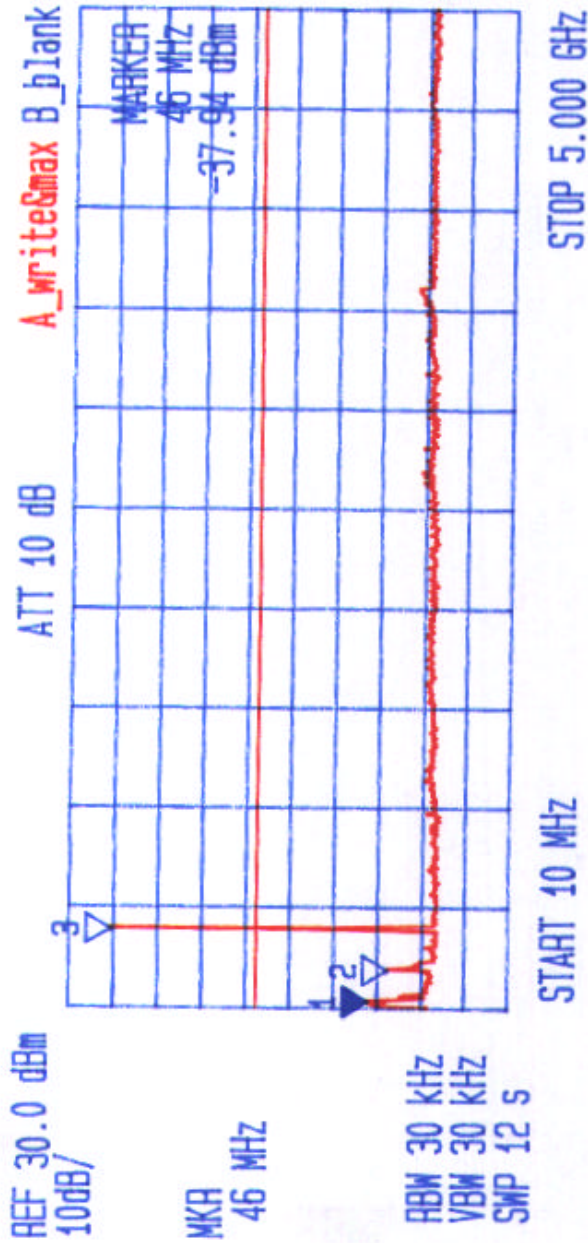
KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403 ~ 512 MHz Output with 3 RF Input signals

406.125, 406.175, & 406.075 MHz

Date: April 17 2006
Tested by: Hung Triah



*** Multi Marker List ***

No. 1:	46 MHz	-37.94 dBm	A
No. 2:	202 MHz	-42.34 dBm	A
No. 3:	402 MHz	20.56 dBm	A
No. 4:			
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			

EXHIBIT 9 - PLOT #49 OF 60



UltraTech
Engineering Labs Inc.

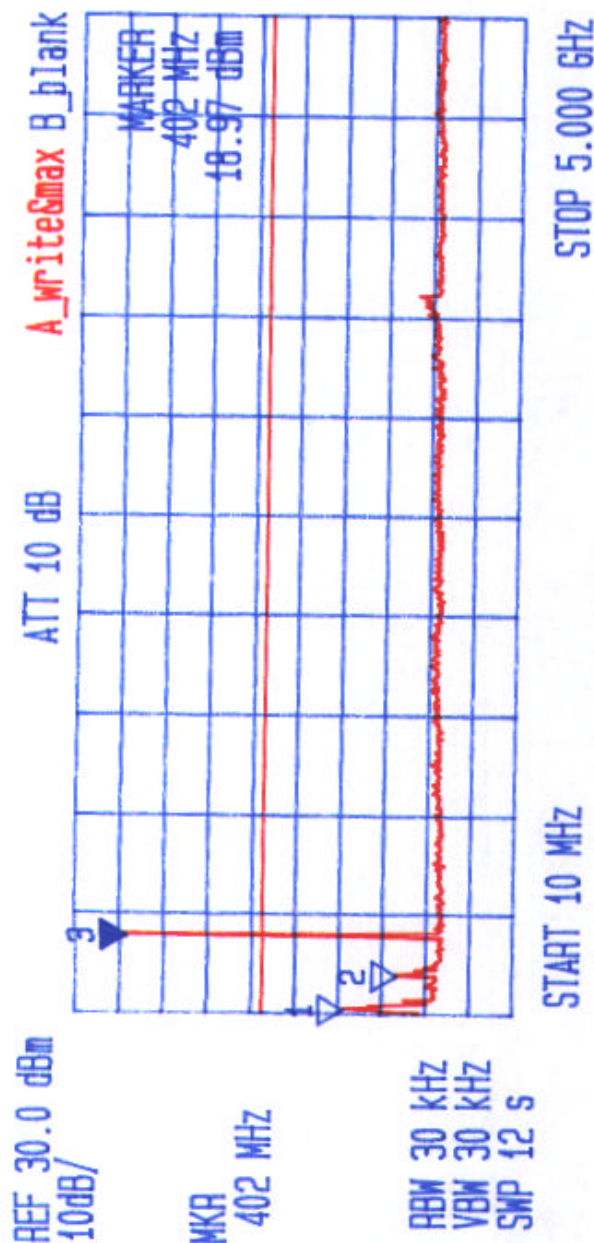
KAVAL TELÉCOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403 – 512 MHz Output with 4 RF Input signals

406.125, 406.175, 406.225 & 406.075 MHz

Date: April 17, 2000
Tested By: Hung Trinh



*** Multi Marker List ***

No. 1:	31 MHz	-31.50 dBm	A
No. 2:	202 MHz	-43.22 dBm	A
No. 3:	402 MHz	18.97 dBm	A
No. 4:			
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			



UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

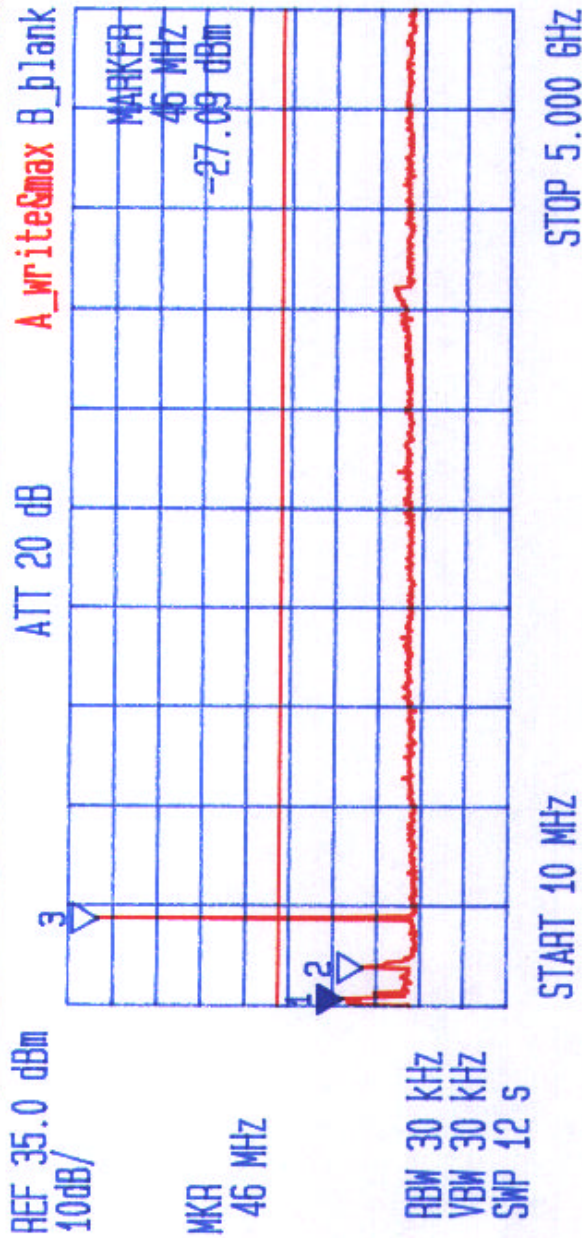
Tx Freq.: 450 MHz, RF Output: 1.3 Watts

RF In at level of -40 dBm @ 450 MHz

Mod: FM Modulated with 2.5 kHz Sine Wave signal, Freq. Dev.: ____ kHz

Transmitter Antenna Power Conducted Emissions

Date: April / > 2000
Tested by: Hung Trinh



*** Multi Marker List ***

46 MHz	-27.09 dBm	A
202 MHz	-31.94 dBm	A
445 MHz	28.78 dBm	A

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



UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

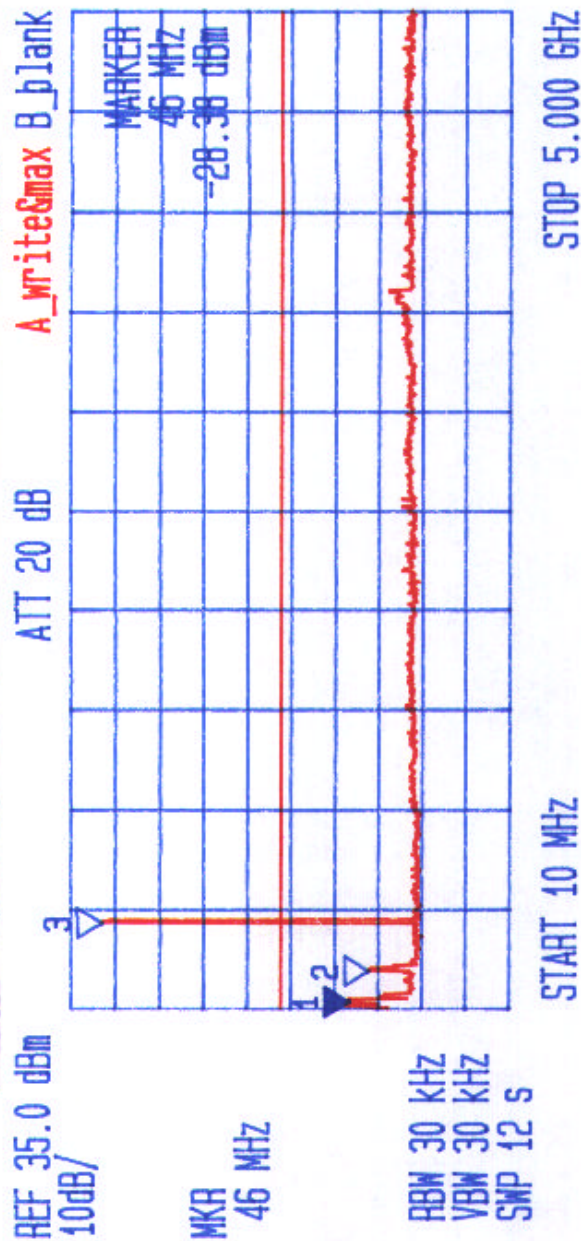
Tx Freq.: 450 MHz, RF Output: 1.3 Watts

RF In at level of -40 dBm @ 450 MHz

Mod: FM Modulated with an external 9600 b/s random data, Freq. Dev.: ____ kHz

Transmitter Antenna Power Conducted Emissions

Date: April 17, 2000
Tested by: Hung Trinh



*** Multi Marker List ***

46 MHz	-28.38 dBm	A
202 MHz	-32.63 dBm	A
445 MHz	28.44 dBm	A

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



UltraTech
Engineering Labs Inc.

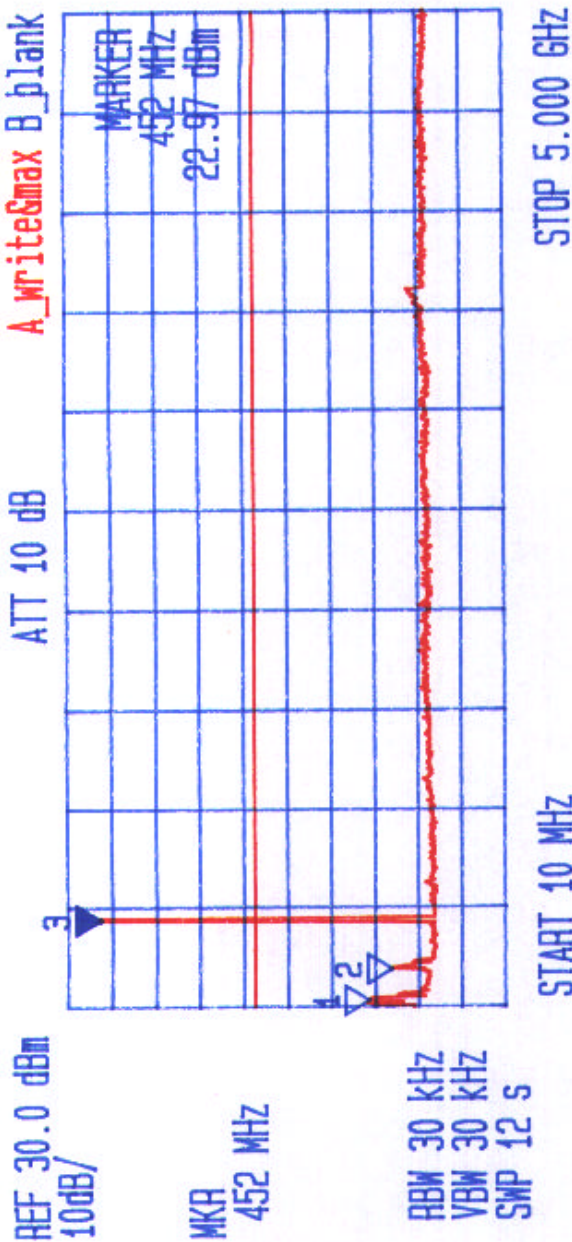
KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403 – 512 MHz Output with 2 RF Input signals

450.025 & 449.975 MHz

Date: April 17 2000
Tested by: Hung Trinh



*** Multi Marker List ***

46 MHz	-38.75 dBm	A
202 MHz	-43.59 dBm	A
452 MHz	22.97 dBm	A

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



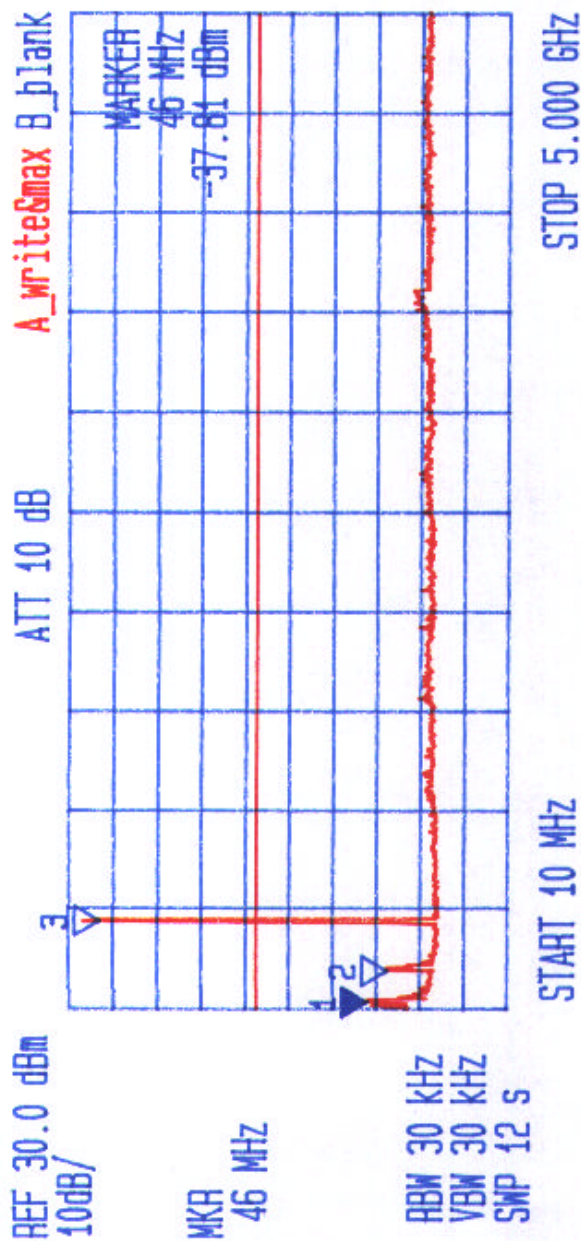
KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403 - 512 MHz Output with 3 RF Input signals

450.05, 450.00, & 449.95 MHz

Date: April 17 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No. 1:	46 MHz	-37.81 dBm	A
No. 2:	202 MHz	-42.22 dBm	A
No. 3:	452 MHz	23.47 dBm	A



UltraTech
Engineering Labs Inc.

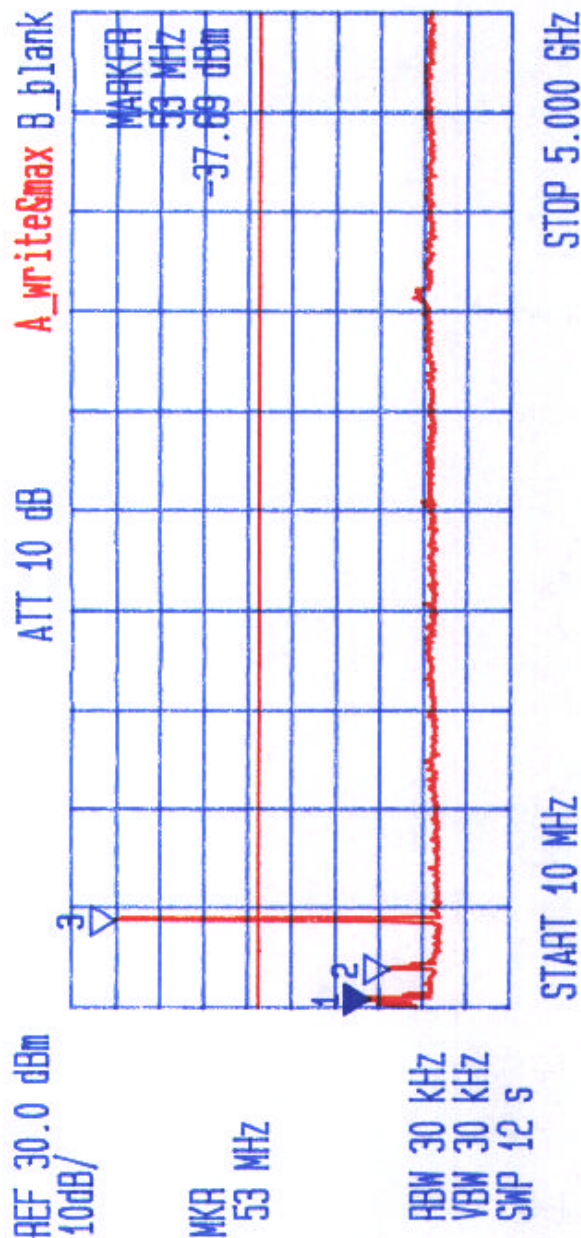
KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403 – 512 MHz Output with 4 RF Input signals

450.05, 450.00, 449.95, & 450.10 MHz

Date: April 17 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No. 1:	53 MHz	-37.69 dBm	A
No. 2:	202 MHz	-42.31 dBm	A
No. 3:	445 MHz	20.00 dBm	A
No. 4:			
No. 5:			
No. 6:			
No. 7:			
No. 8:			
No. Δ:			

EXHIBIT 9 - PLOT #55 OF 60



UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Tx Freq.: 470 MHz, RF Output: 0.83 Watts

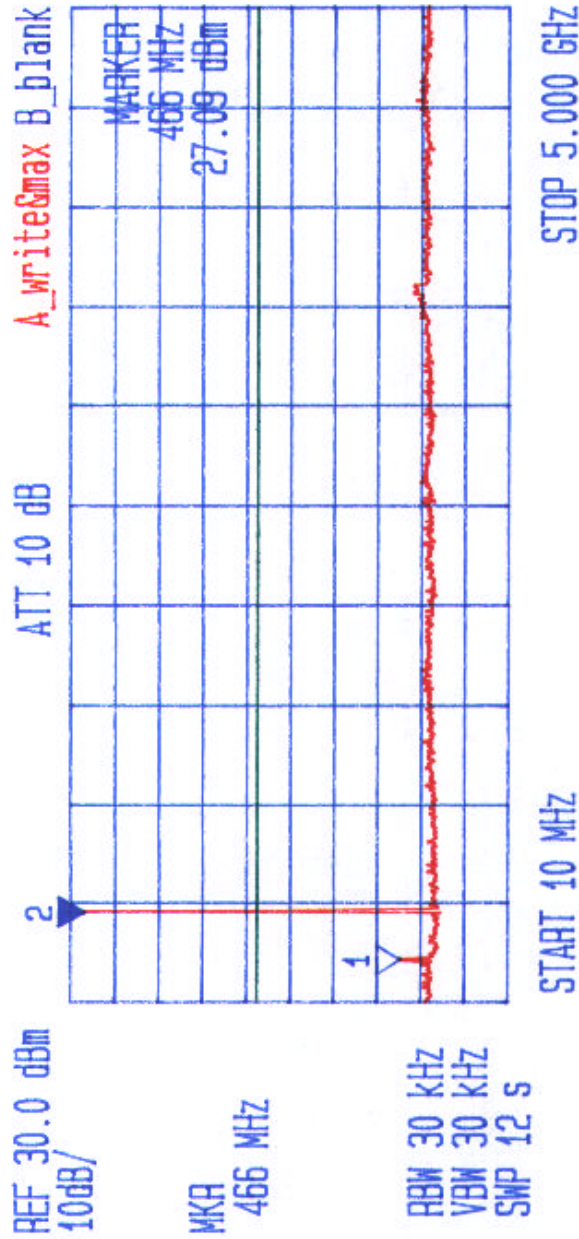
RF In at level of -40 dBm @ 470 MHz

Mod: FM Modulated with 2.5 kHz Sine Wave signal, F req. Dev.: 4 kHz

Transmitter Antenna Power Conducted Emissions

Date: April 03 2000

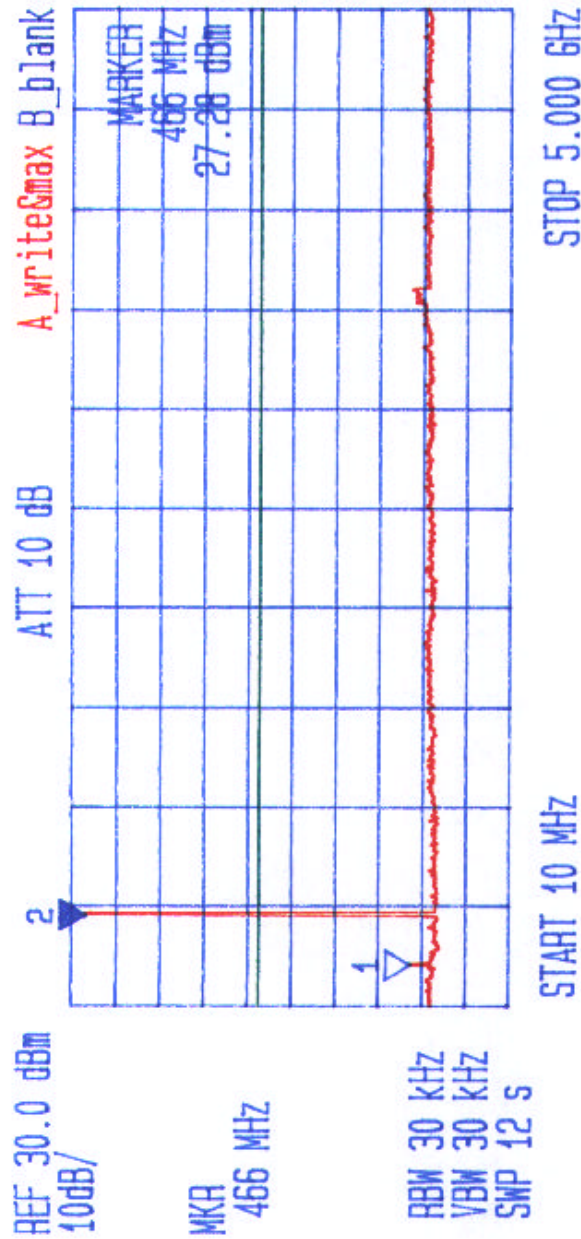
Tested by: Hung Trinh



*** Multi Marker List ***

224 MHz	-45.38 dBm	A
466 MHz	27.09 dBm	A

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



*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Label
1	217	-47.03	A
2	466	27.28	A

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



UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

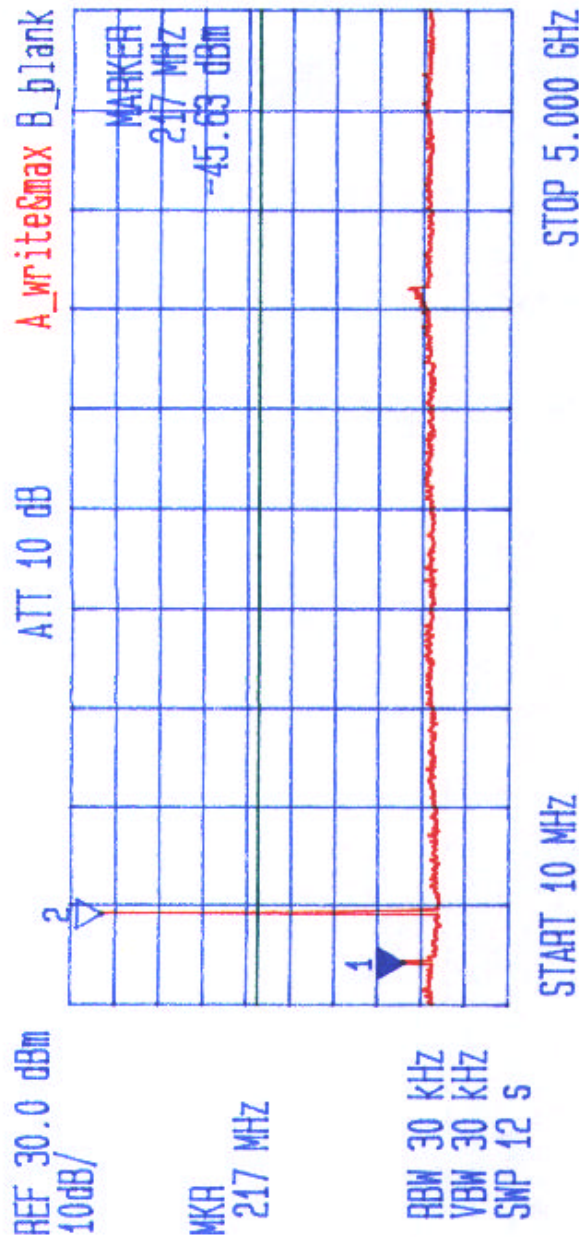
BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403-512 MHz Output with 2 RF Input signals

470.085 & 469.975 MHz

Date: April 03 2000

Tested by: Hung Trinh



*** Multi Marker List ***

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

217 MHz
466 MHz
-45.63 dBm
23.28 dBm

A A



UltraTech
Engineering Labs Inc.

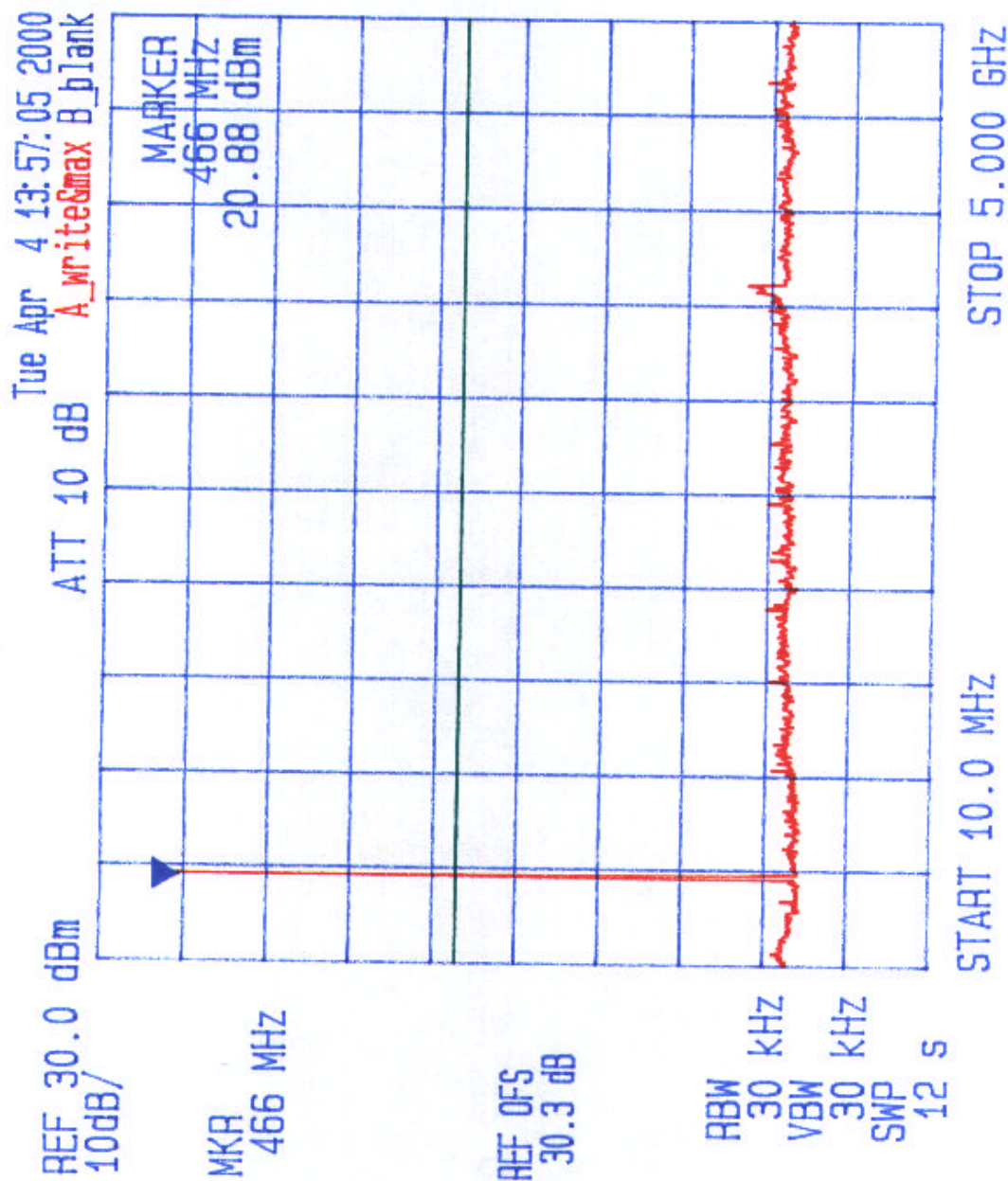
KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403-512 MHz Output with 3 RF Input signals

470.05, 470 & 469.95 MHz

Date: April 04, 2000
Tested by: Hung Trinh





UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BDA1300 BI-DIRECTIONAL AMPLIFIER, UHF 403-512 MHz

Spurious Emissions at 403-512 MHz Output with 4 RF Input signals

#70.15, #70, #69.95 & #70.10 MHz

Date: April 25 2000
Tested by: Hung Trinh

EXHIBIT 9 - PLOT #60 OF 60

