



**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 824 MHz @ 824-829 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal  
EMISSION MASK F3E

Date: June 01 2001  
Tested by: Hung Trinh

PLOT # 1

RF IN SIGNAL FITTED IN THE MASK F3E

Fri Jun 1 04:12:18 2001

REF -37.0 dBm  
10dB/

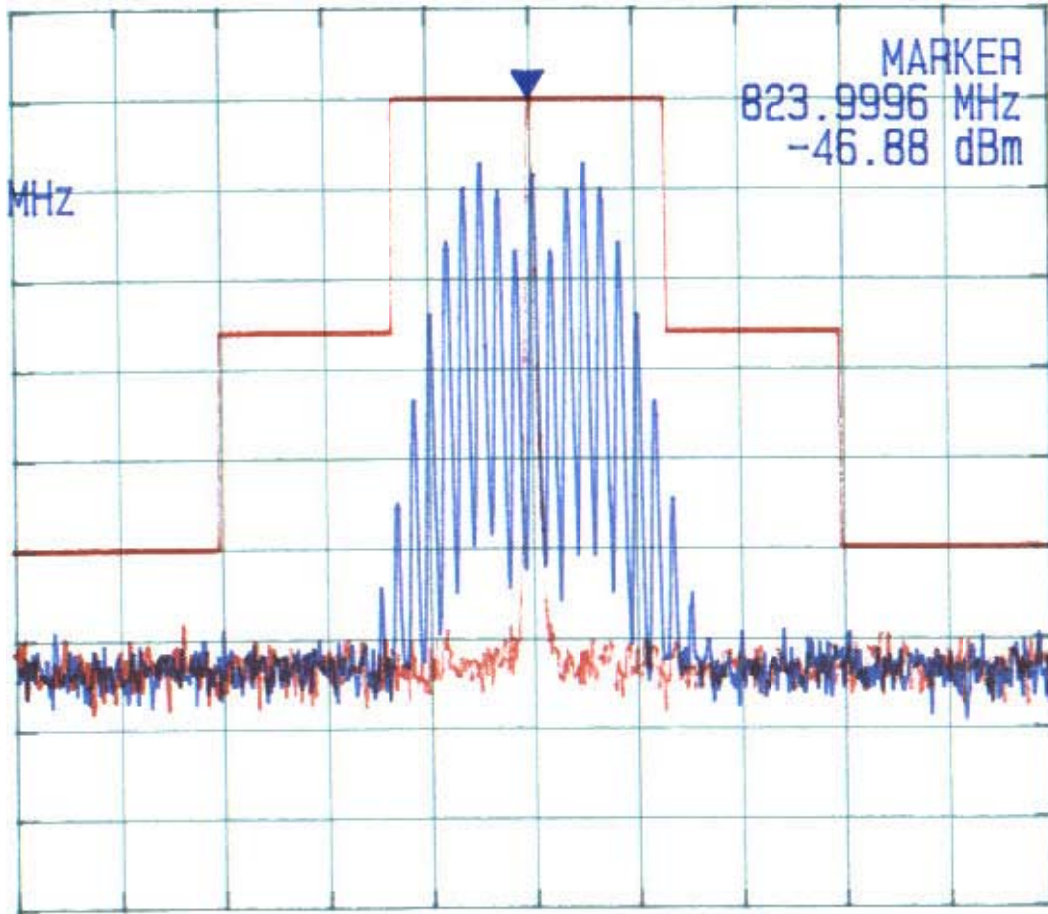
ATT 10 dB

A\_view B\_view

MKR  
823.9996 MHz

MARKER  
823.9996 MHz  
-46.88 dBm

RBW  
300 Hz  
VBW  
300 Hz  
SWP  
4.0 s



CENTER 823.9996 MHz

SPAN 150.0 kHz



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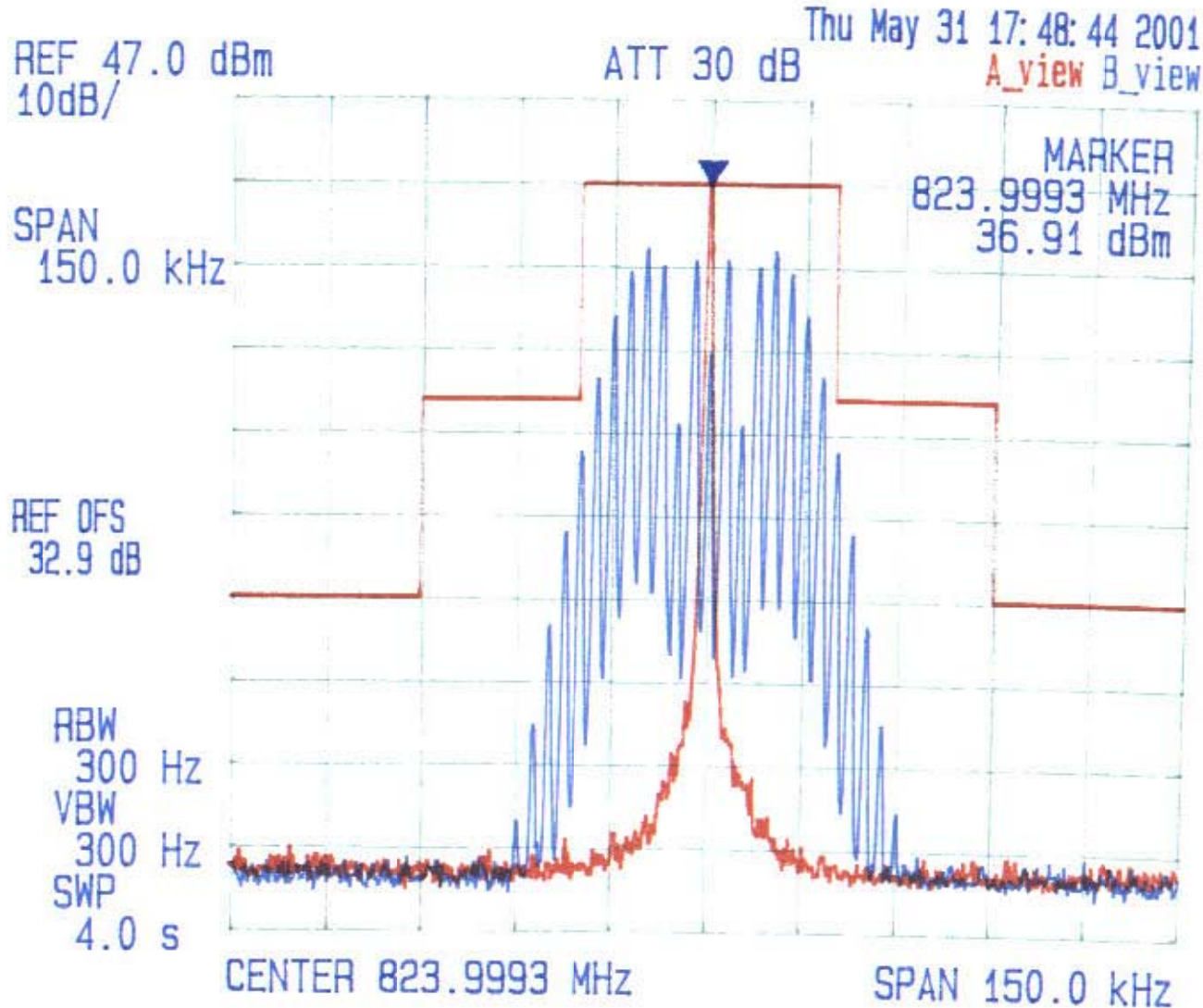
**KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 – 900 MHz AMPLIFIER MODULES**

Frequency: 824 MHz @ 824 - 849 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal 4 kHz DEV  
**EMISSION MASK F3E**

Date: May 31 2001  
Tested by: Hung Trinh

2

PLOT # 2





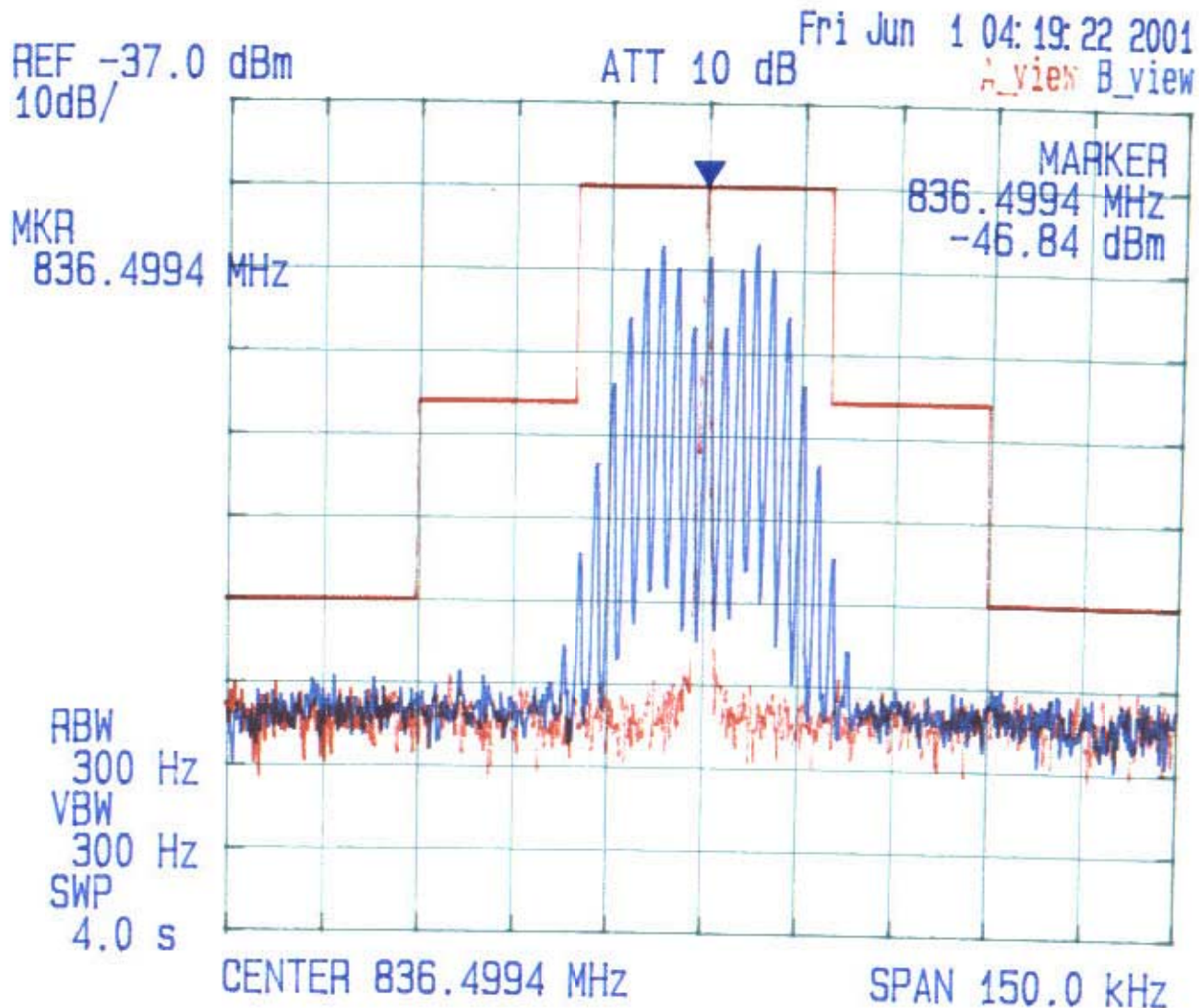
**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 836.5 MHz @ 824 - 849 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal  
**EMISSION MASK F3E**

Date: June 01 2001  
Tested by: Hung Trinh

PLOT # 3

RF IN SIGNAL FITTED IN THE MASK F3E





PLOT # 4

Thu May 31 18:42:29 2001

REF 47.0 dBm  
10dB/

ATT 30 dB

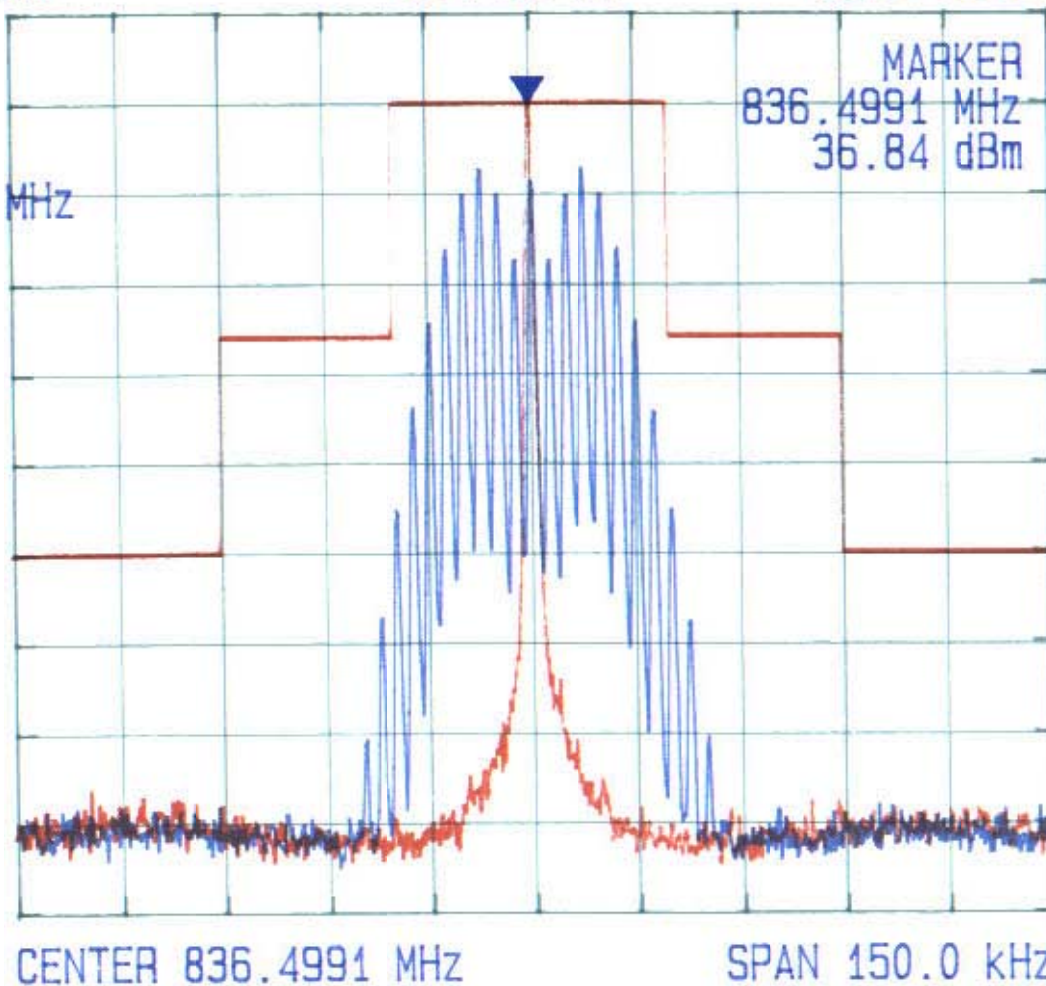
A\_view B\_view

MKR  
836.4991 MHz

MARKER  
836.4991 MHz  
36.84 dBm

REF OFS  
32.9 dB

RBW  
300 Hz  
VBW  
300 Hz  
SWP  
4.0 s





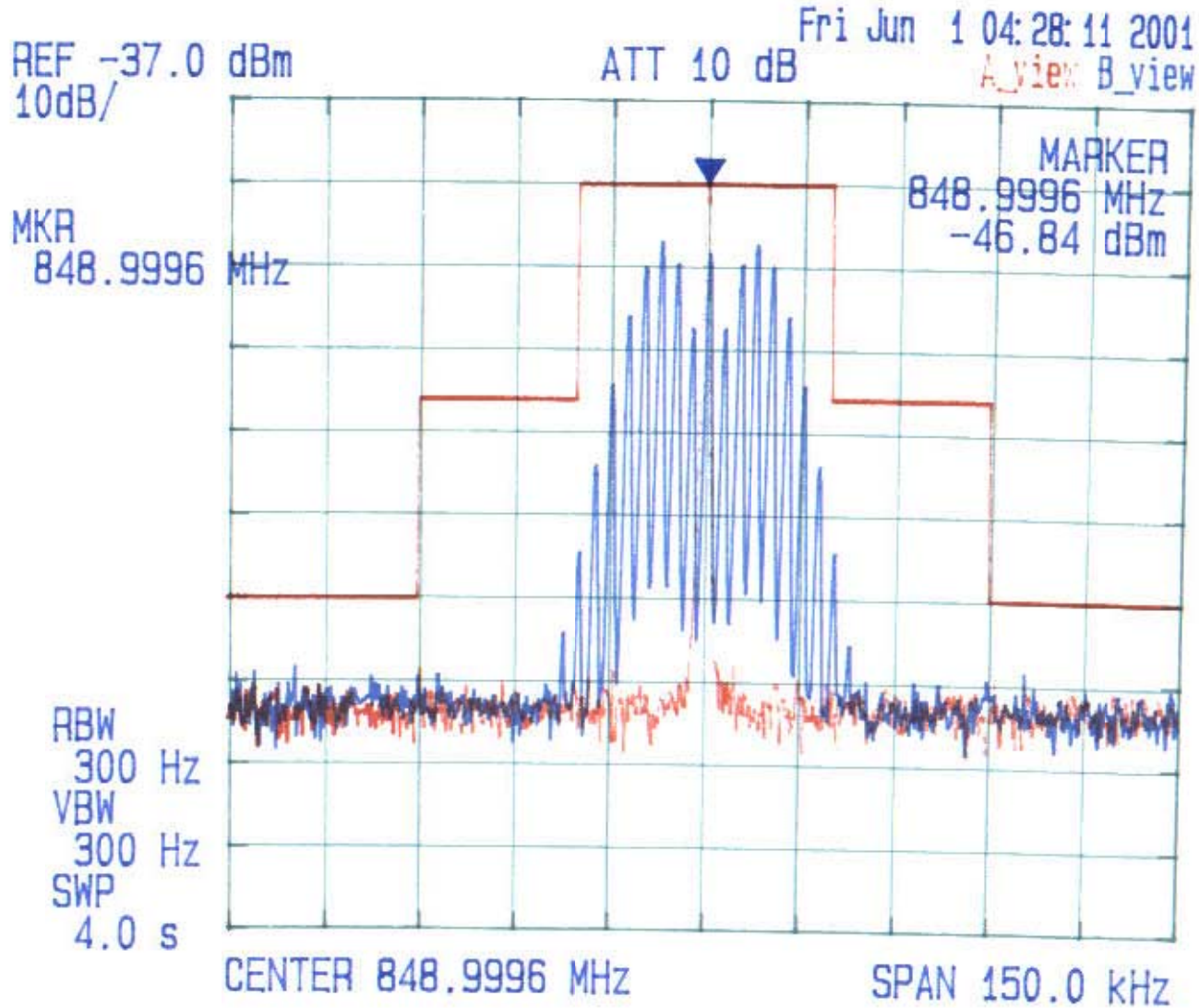
**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 849 MHz @ 824-849 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal  
EMISSION MASK F3E

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #5

RF IN SIGNAL FITTED IN THE MASK F3E



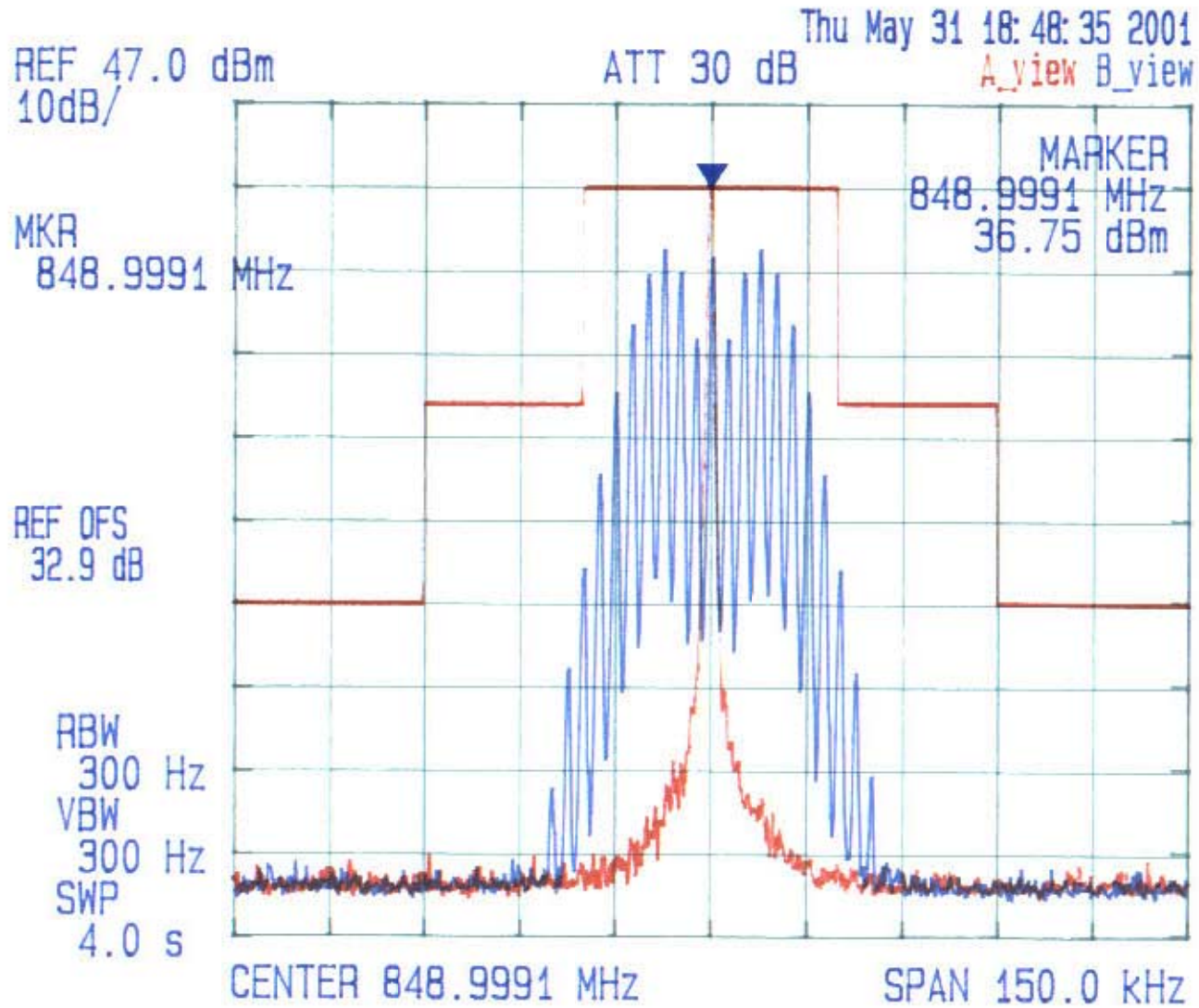


**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 849 MHz @ 844-849 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal 40kHz DEV.  
EMISSION MASK F3E

Date: May 31 2001  
Tested by: Hung Trinh

PLOT # 6







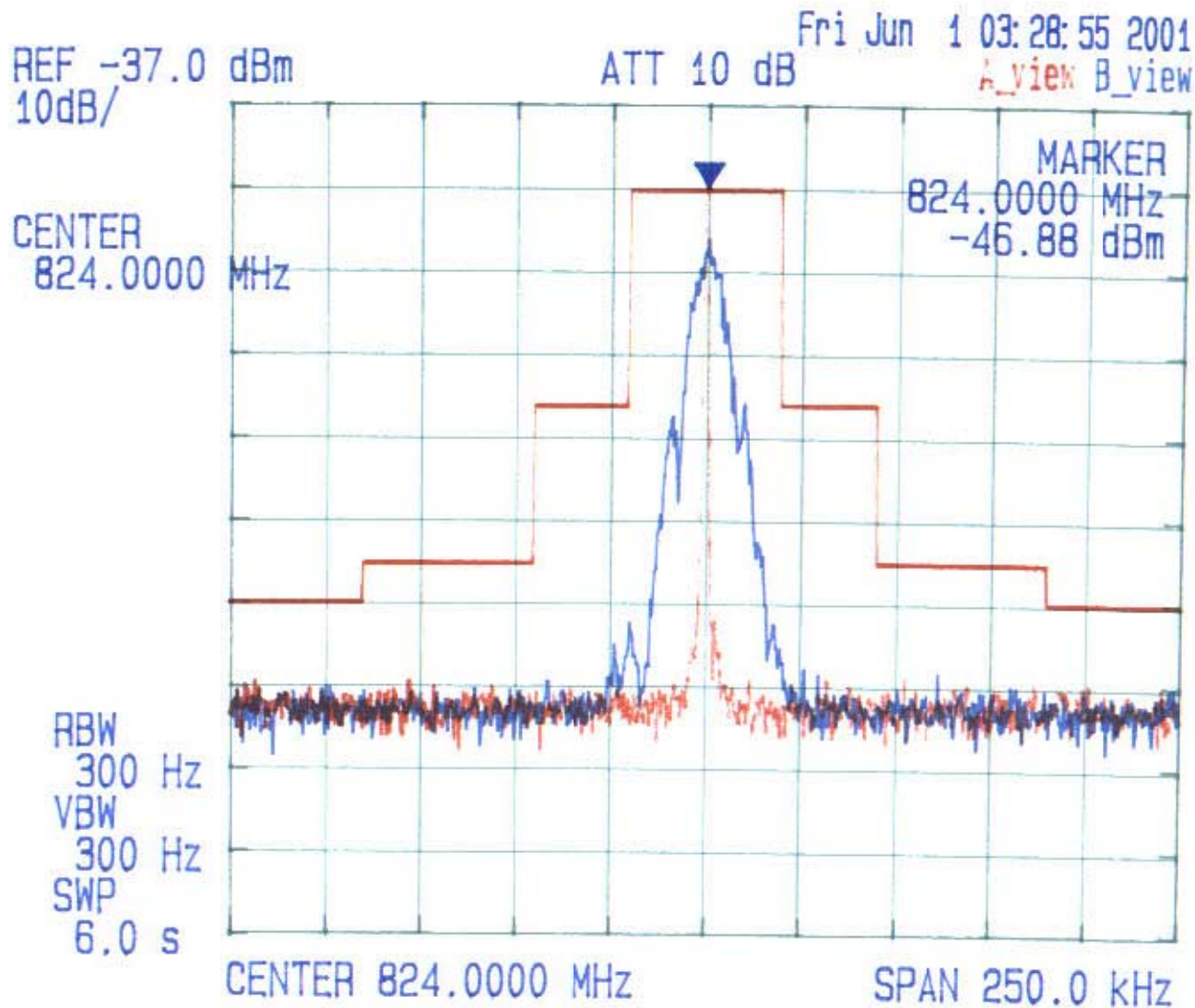
**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 824 MHz @ 824 - 829 MHz  
Mod.: FM Modulation with an external 9600 b/s random data  
EMISSION MASK F1D

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #7

RF IN SIGNAL FITTED IN THE MASK F1D



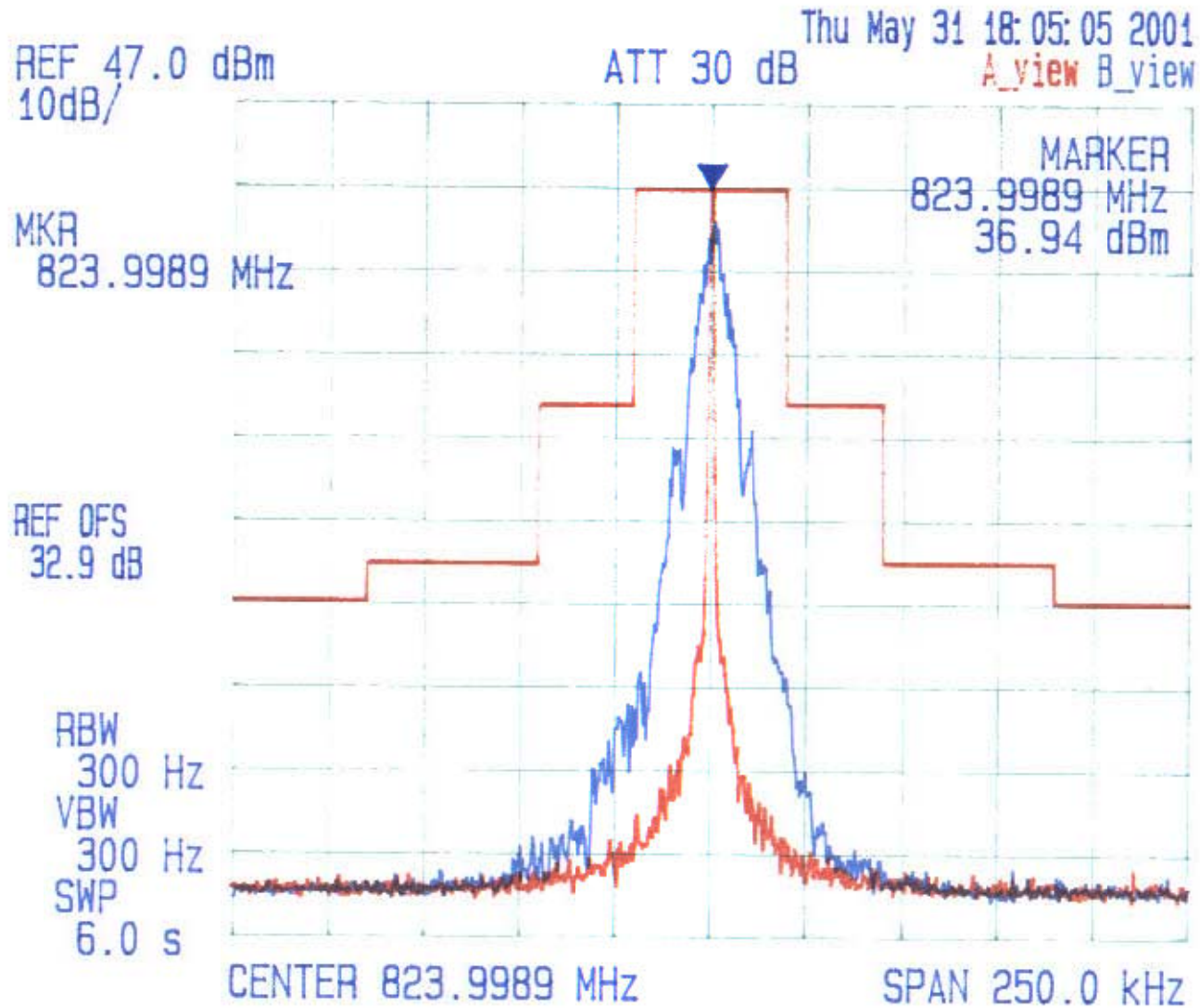


**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 824 MHz @ 824-849 MHz  
Mod.: FM Modulation with an external 9600 b/s random data 4kHz DEV.  
EMISSION MASK F1D

Date: May 31 2001  
Tested by: Hung Trinh

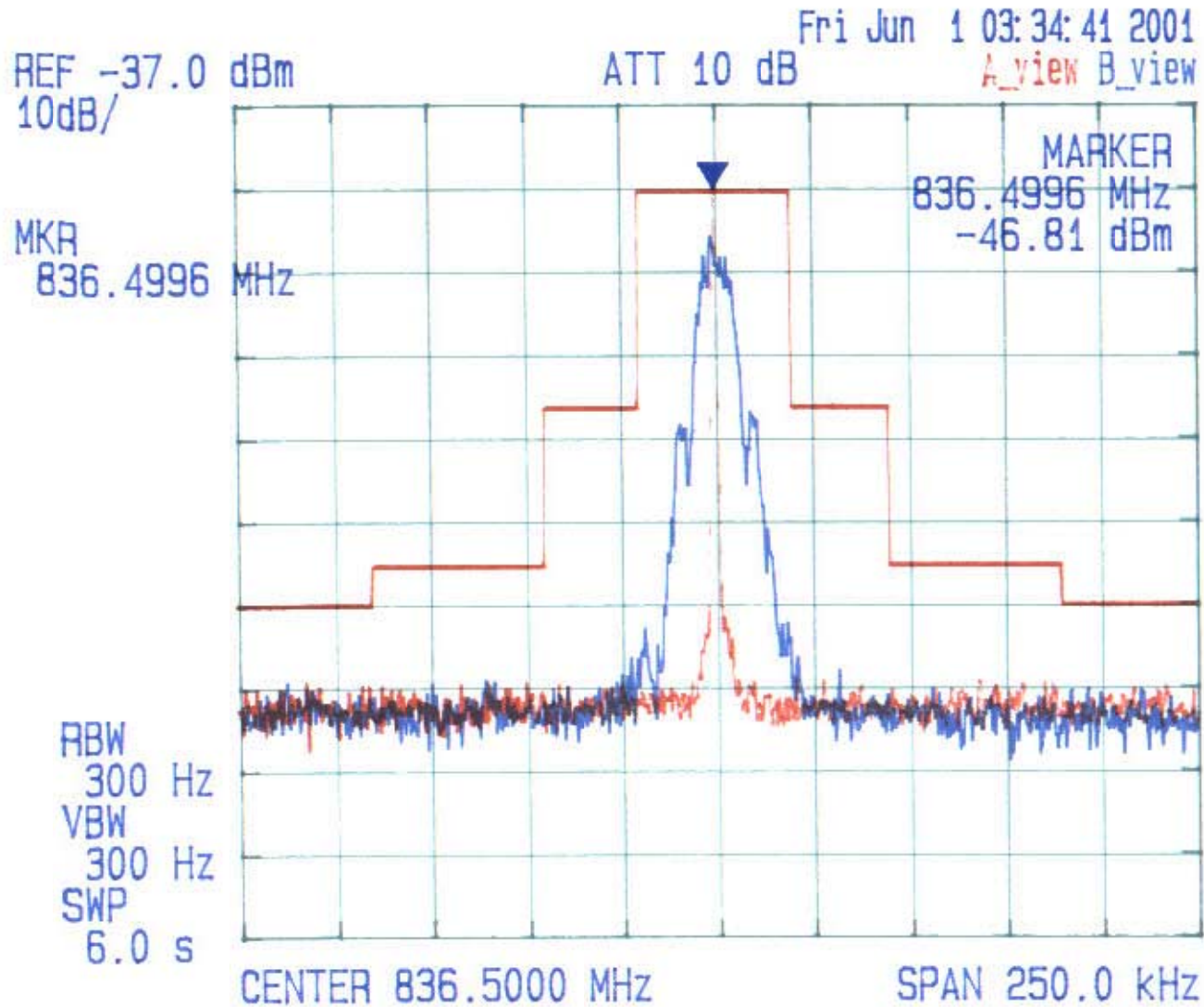
PLOT #8





PLOT #9

RF IN SIGNAL FITTED IN THE MASK F1D





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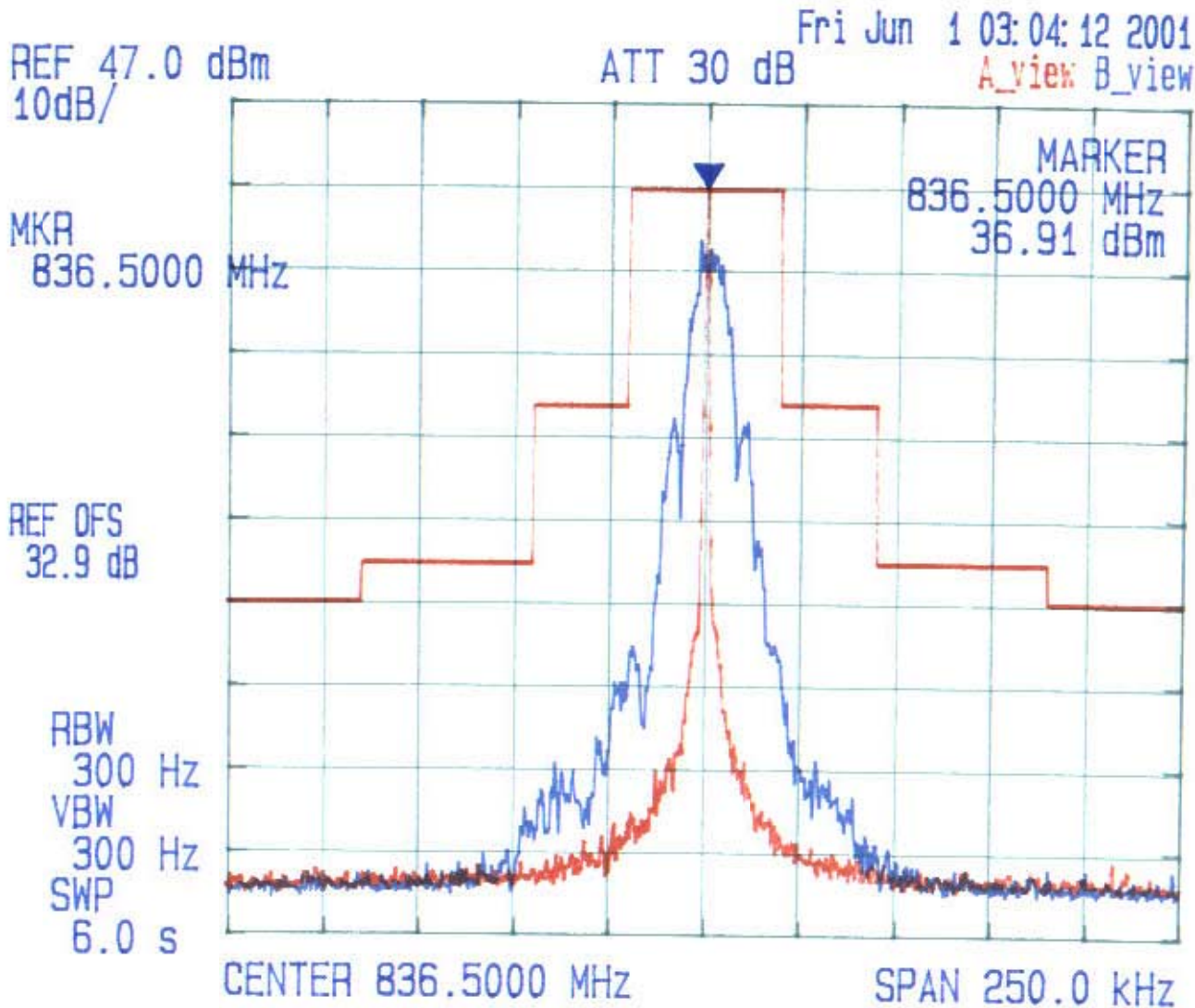
**KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES**

Frequency: 836.5 MHz @ 824 - 849 MHz  
Mod.: FM Modulation with an external 9600 b/s random data 4 kHz DEV.

**EMISSION MASK F1D**

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #10





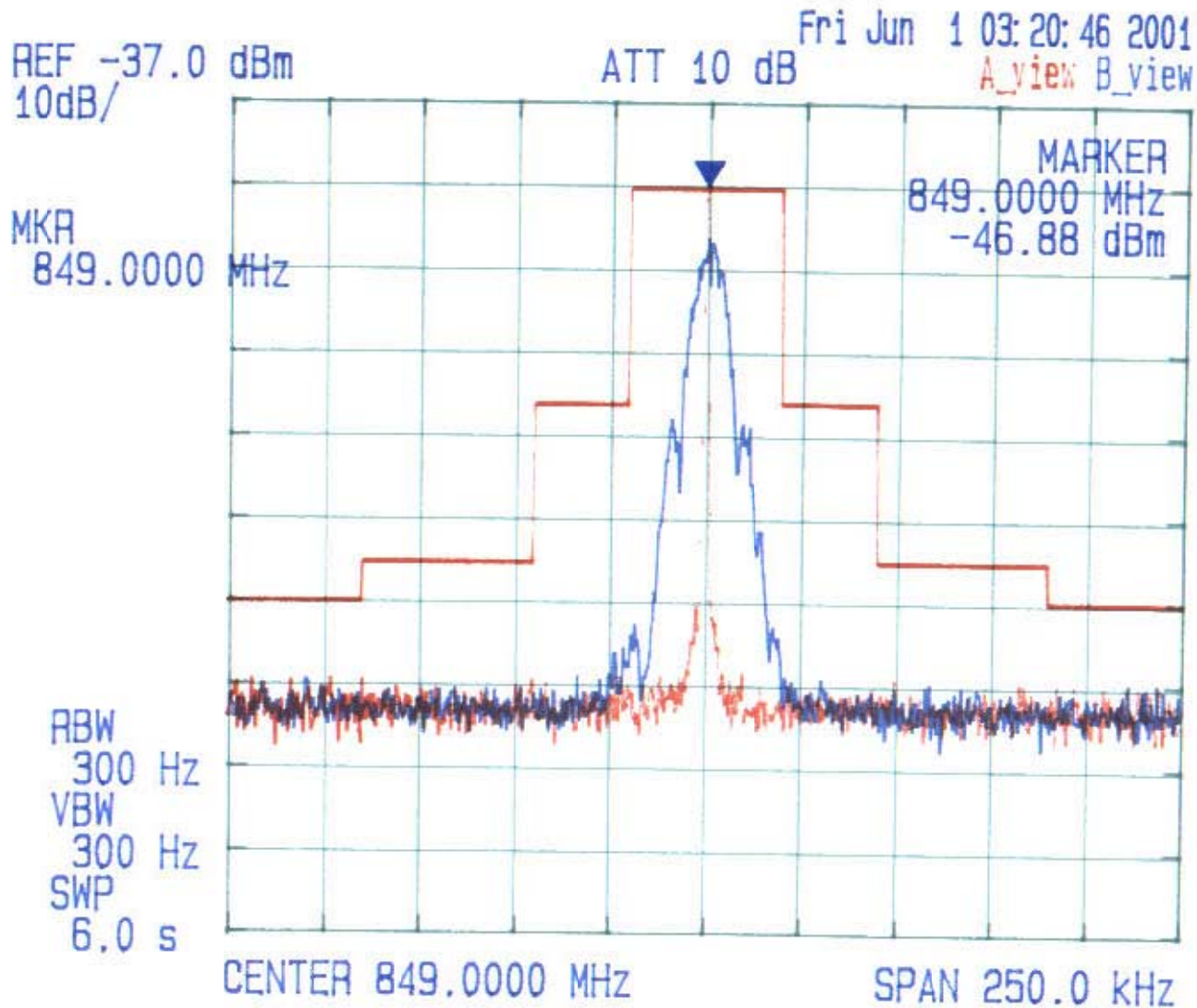
**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 849 MHz @ 8224-8219 MHz  
Mod.: FM Modulation with an external 9600 b/s random data  
EMISSION MASK F1D

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #11

RF IN SIGNAL FITTED IN THE MASK F1D





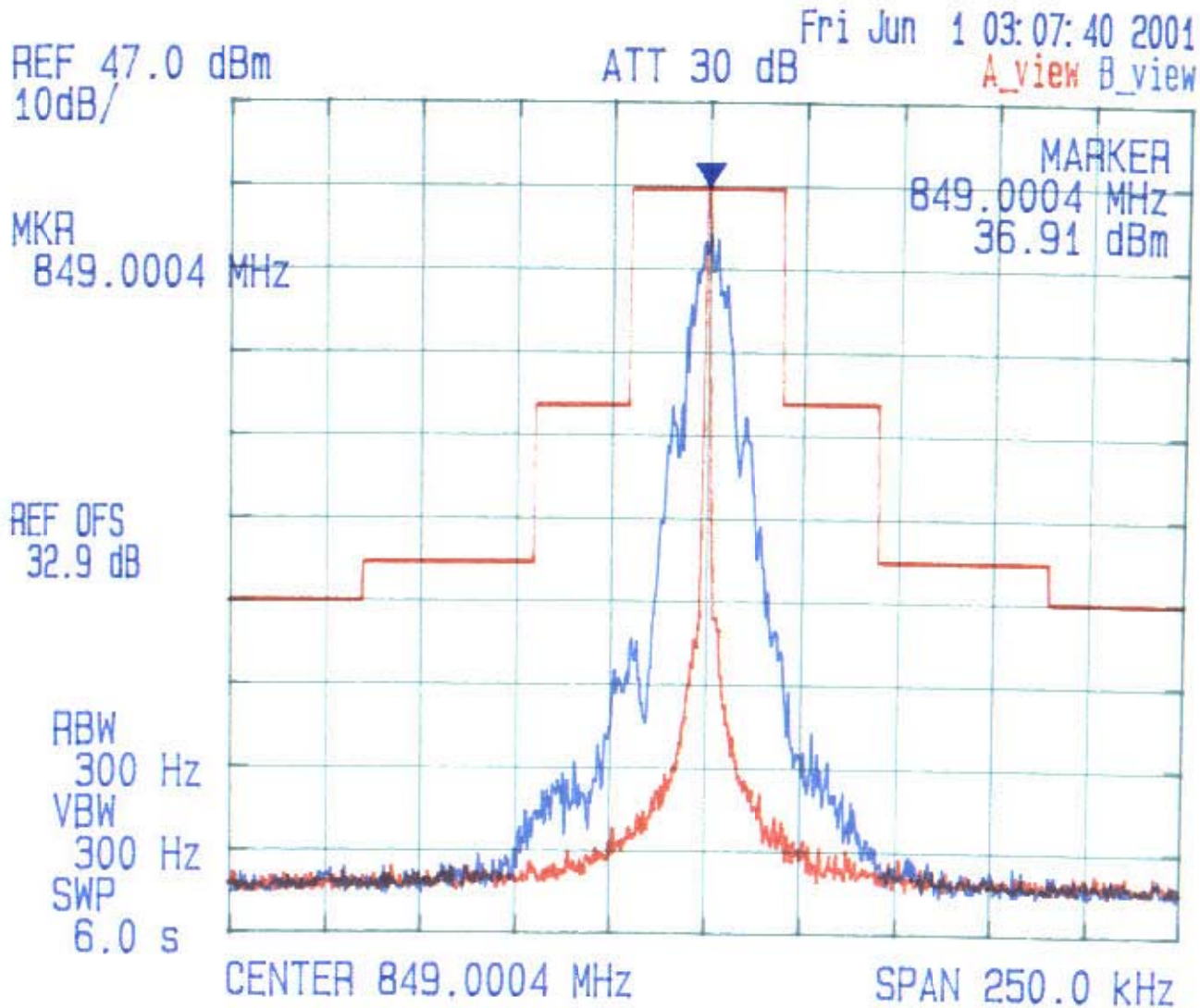


**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 – 900 MHz AMPLIFIER MODULES  
Frequency: 849 MHz @ 824-849 MHz  
Mod.: FM Modulation with an external 9600 b/s random data  
EMISSION MASK F1D

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #12





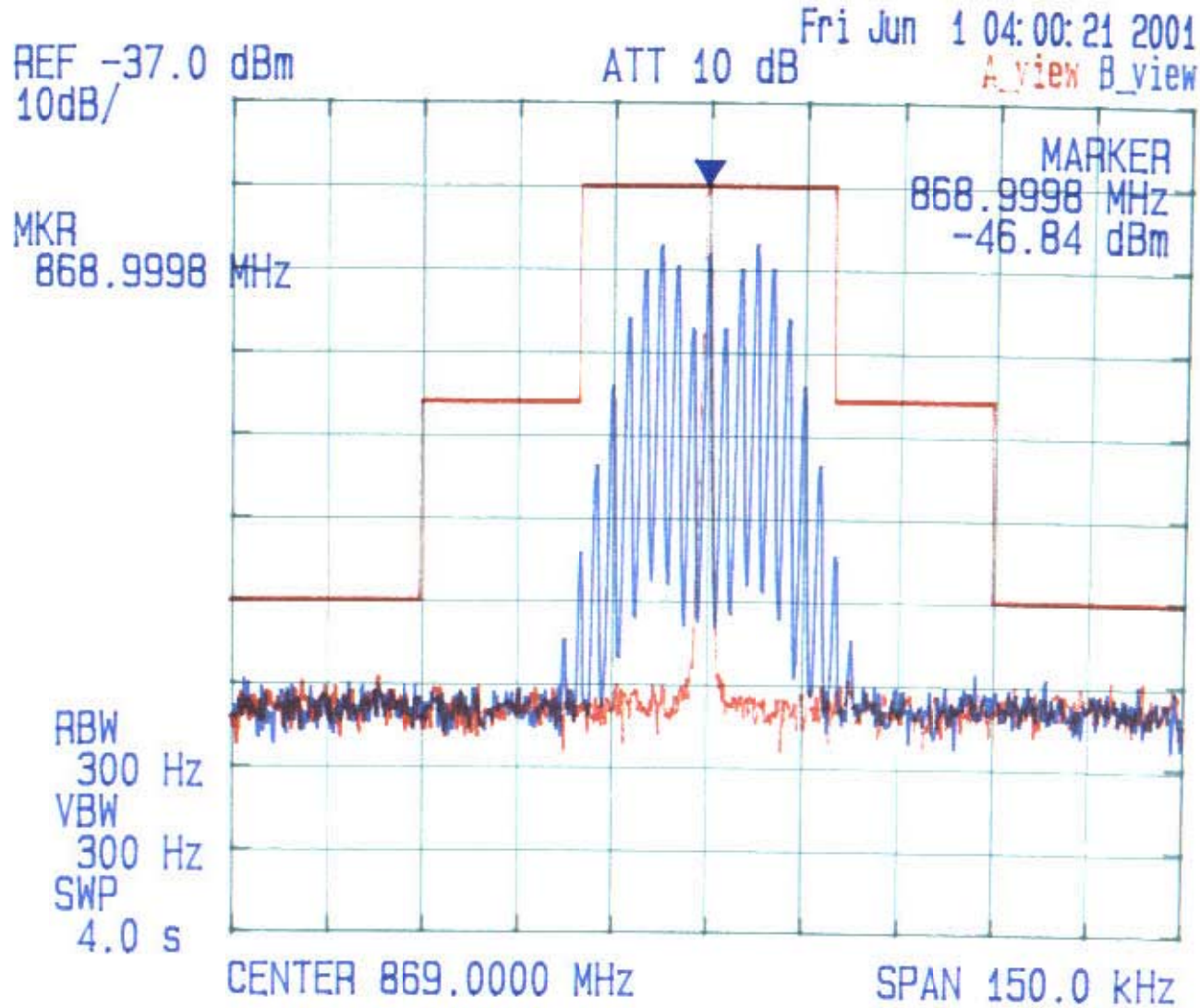
**UltraTech**  
Engineering Labs Inc.

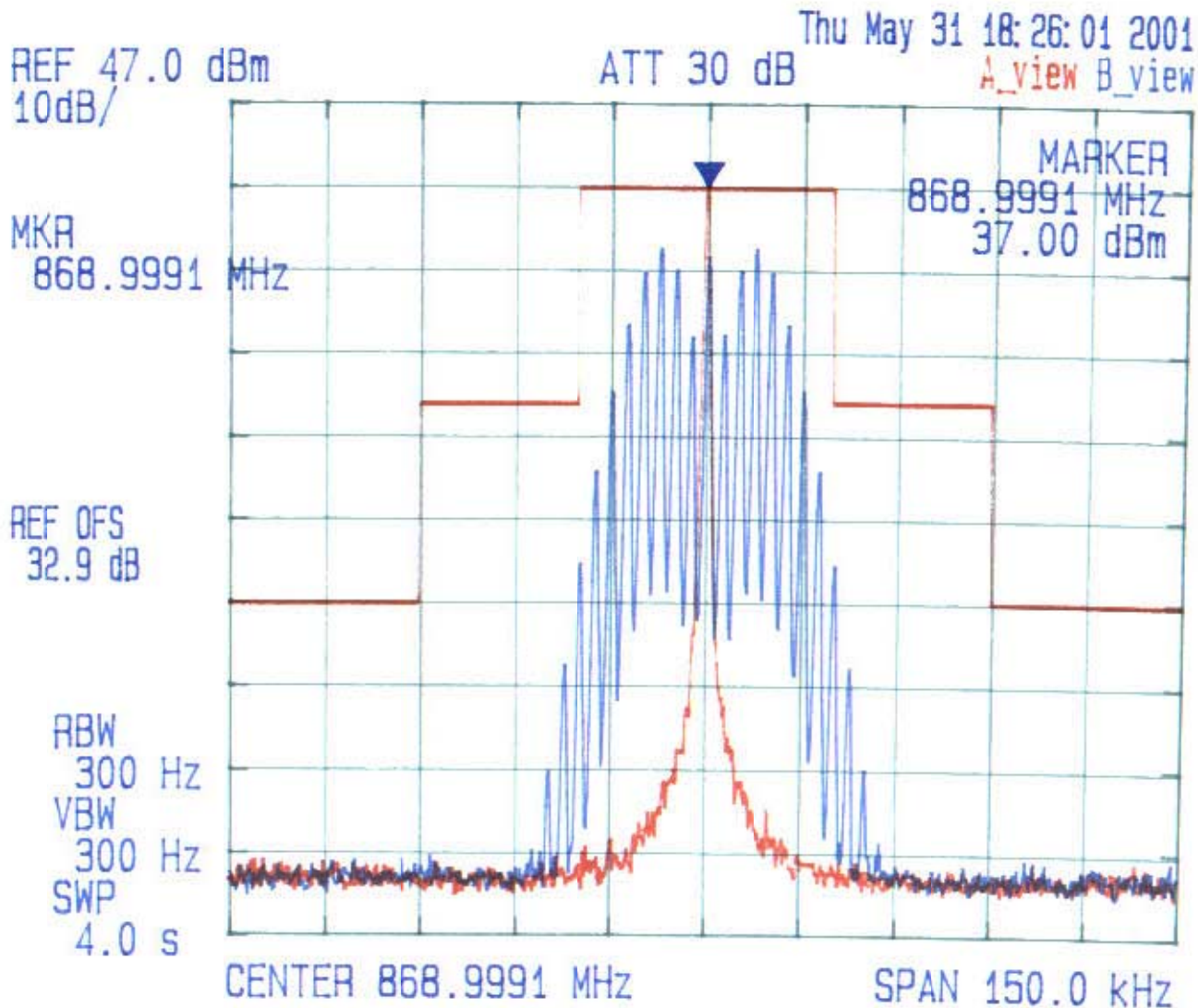
KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 – 900 MHz AMPLIFIER MODULES  
Frequency: 869 MHz @ 869-894 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal  
EMISSION MASK F3E

Date: June 21 2001  
Tested by: Hung Trinh

PLOT #13

RF IN SIGNAL FITTED IN THE MASK F3E









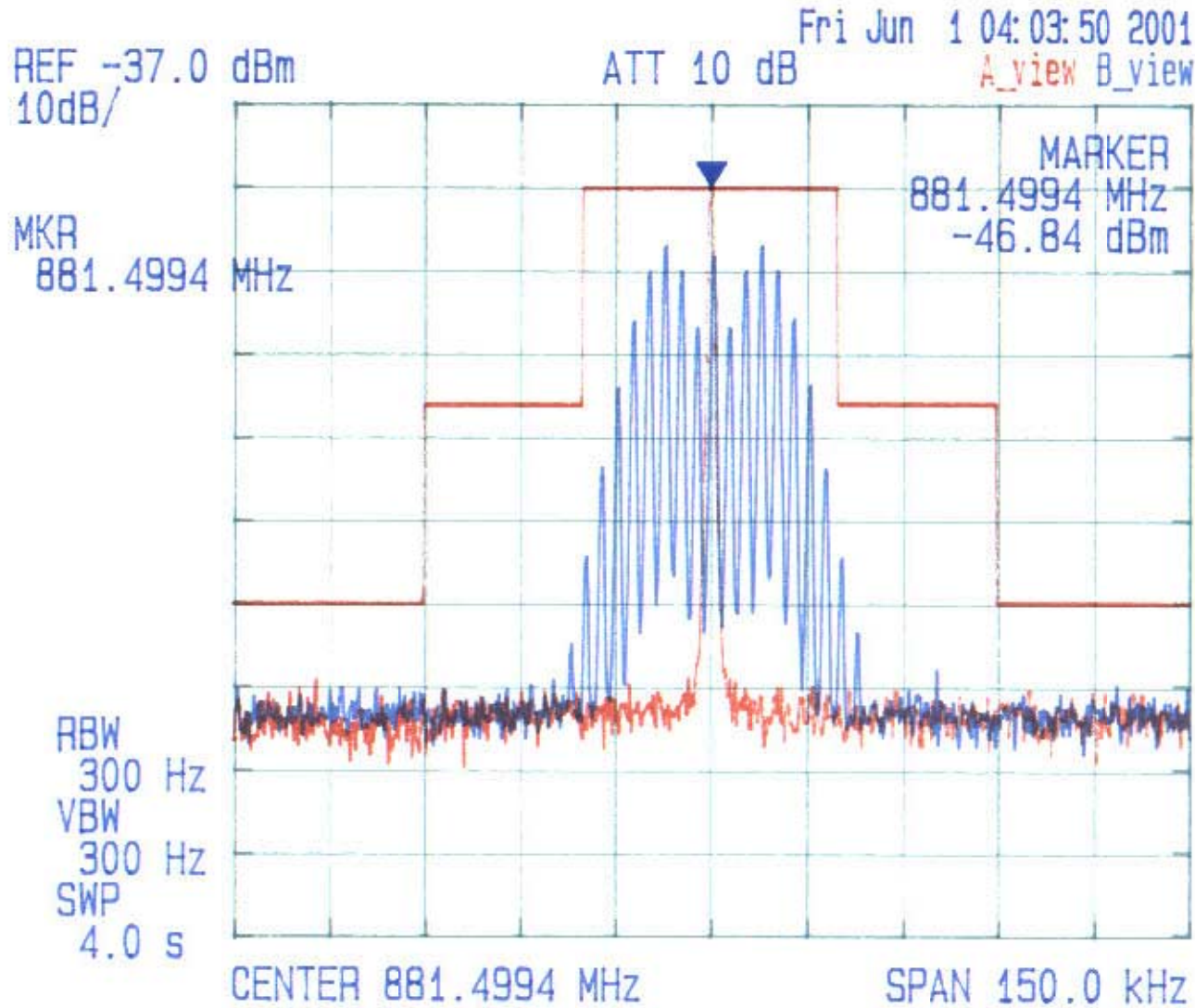
**UltraTech**  
Engineering Labs Inc.

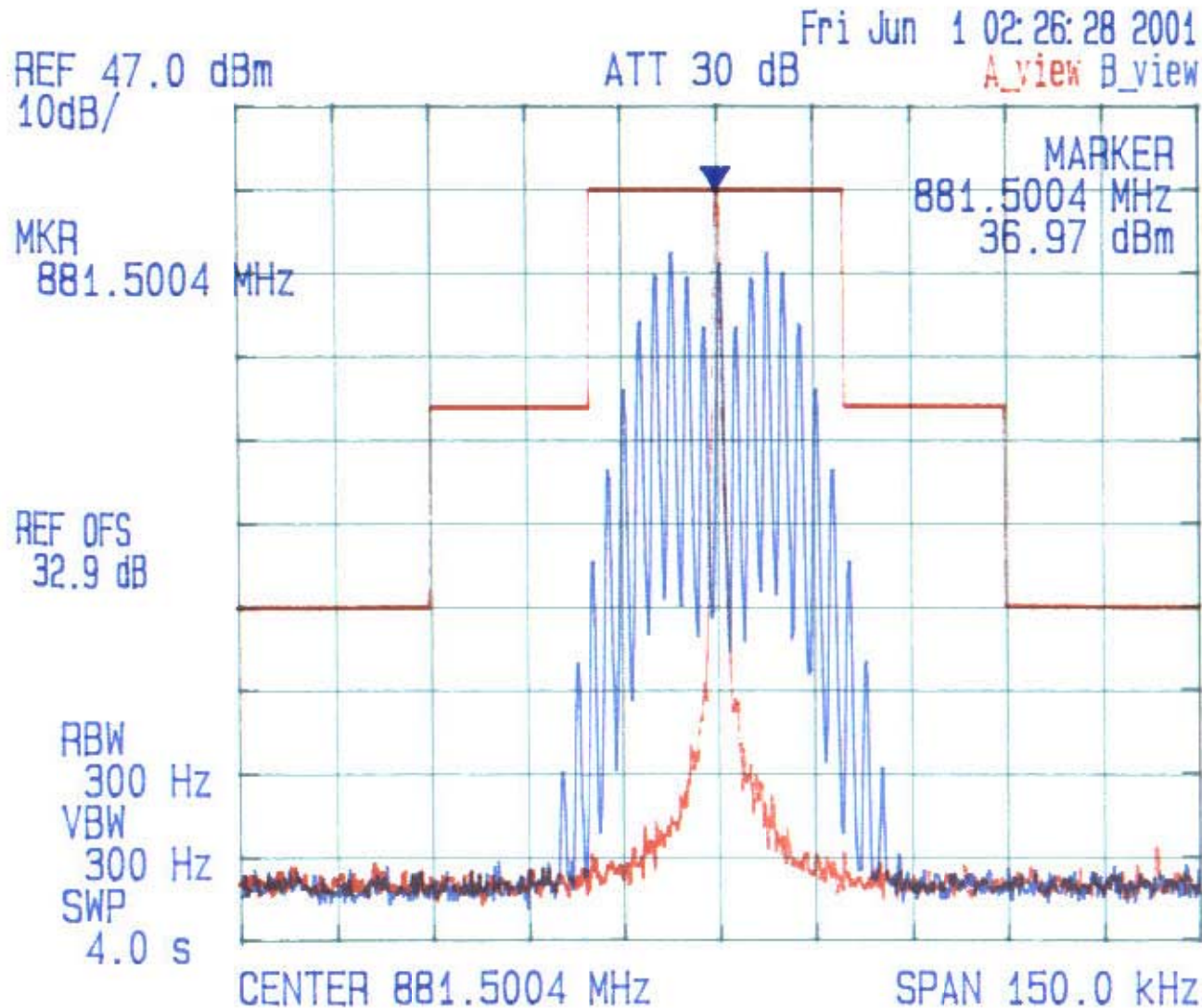
KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 – 900 MHz AMPLIFIER MODULES  
Frequency: 881.5 MHz @ 889-894 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal  
EMISSION MASK F3E

Date: June 01 2001  
Tested by: Hung Trinh

PLOT#15

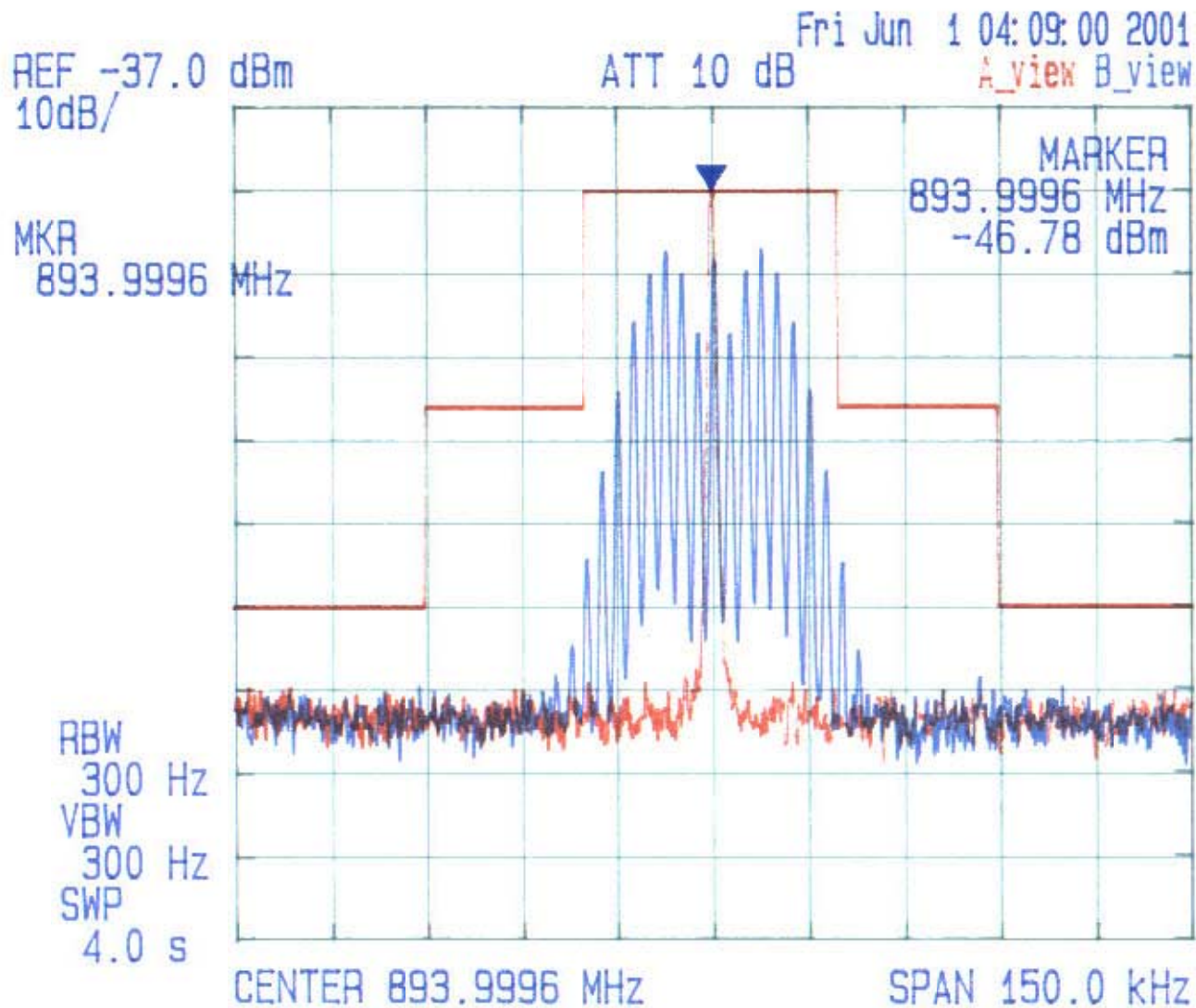
RF IN SIGNAL FITTED IN THE MASK F3E





PLOT #17

RF IN SIGNAL FITTED IN THE MASK F3E







**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 894 MHz @ 869-894 MHz  
Mod.: FM Modulation with 2.5 kHz Sine wave signal 4 RMS DEV  
EMISSION MASK F3E

Date: June 01 2001  
Tested by: Hung Trinh

PLOT#18

Fri Jun 1 02:35:44 2001

REF 47.0 dBm  
10dB/

ATT 30 dB

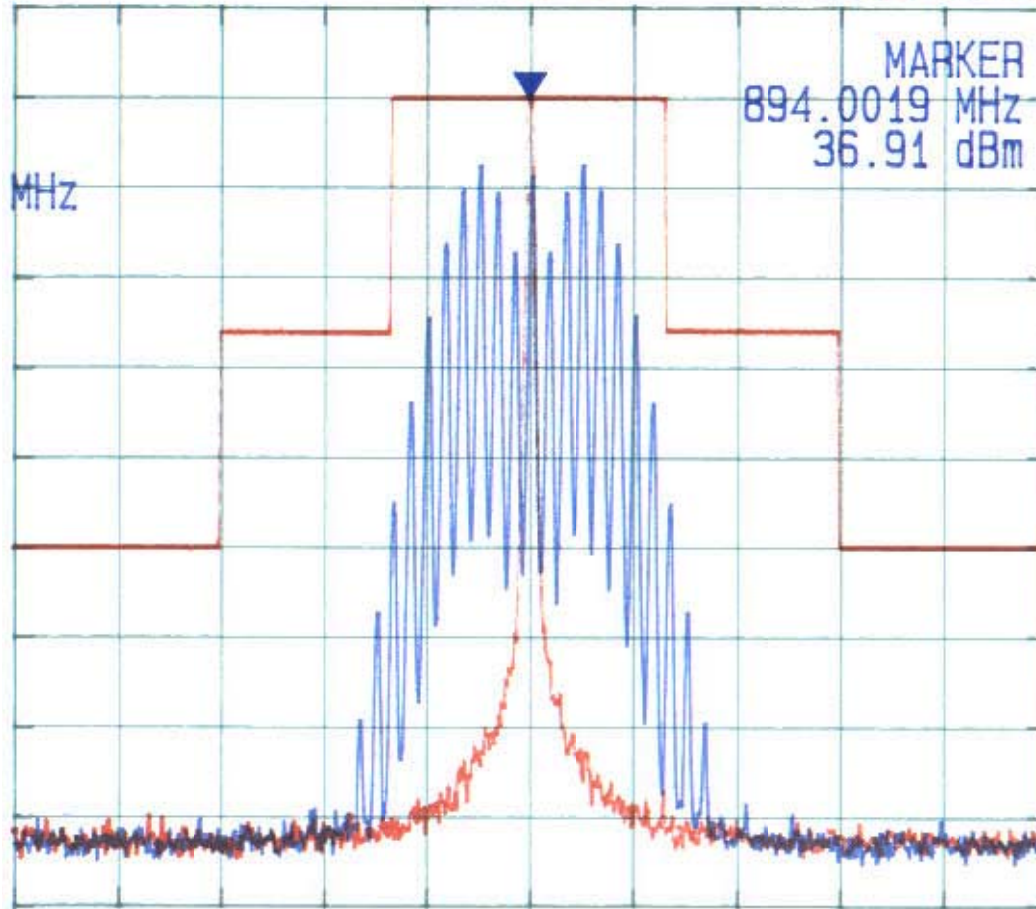
A\_view B\_view

MKR  
894.0019 MHz

MARKER  
894.0019 MHz  
36.91 dBm

REF OFS  
32.9 dB

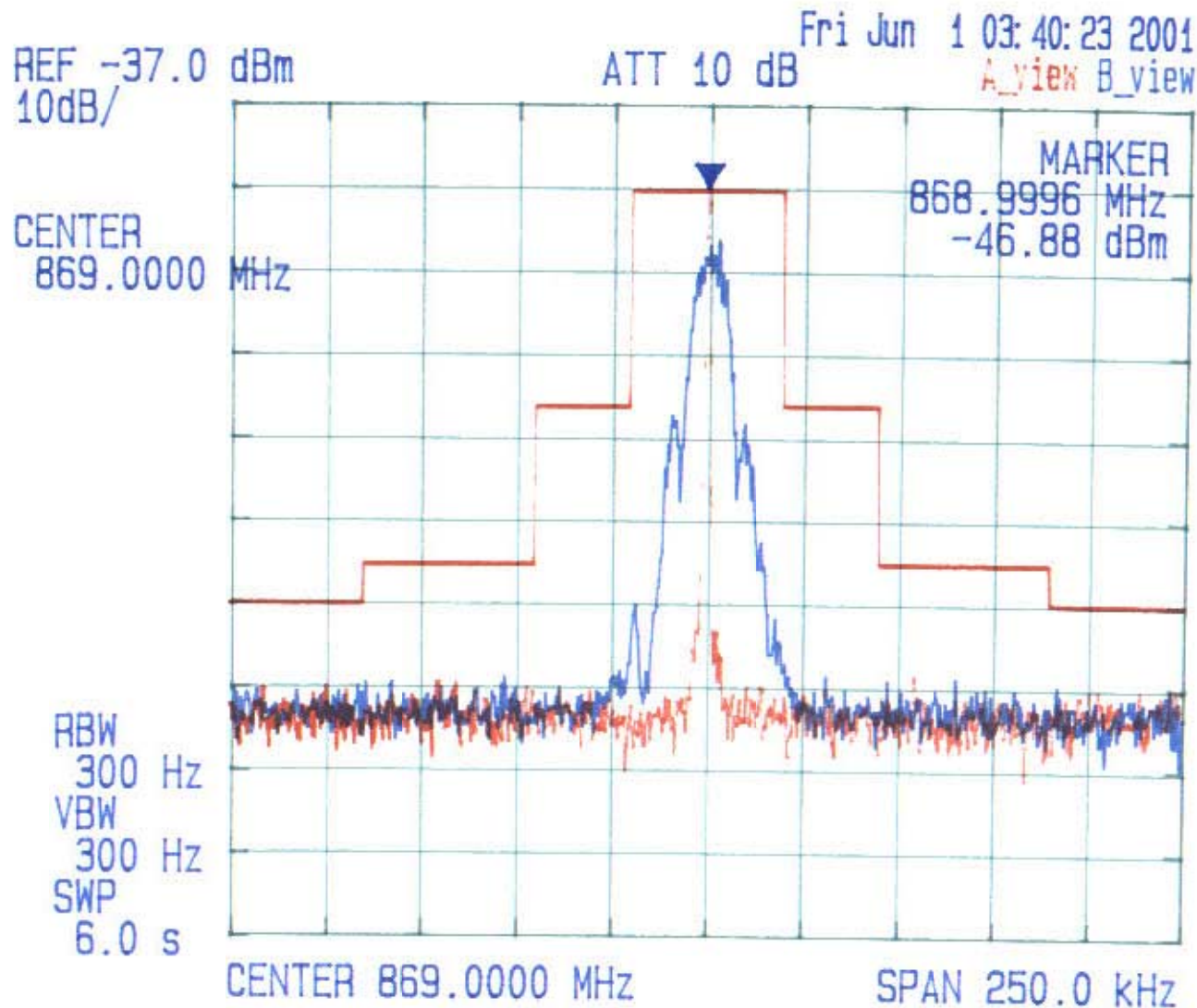
RBW  
300 Hz  
VBW  
300 Hz  
SWP  
4.0 s



CENTER 894.0019 MHz

SPAN 150.0 kHz

RF IN SIGNAL FITTED IN THE MASK F1D



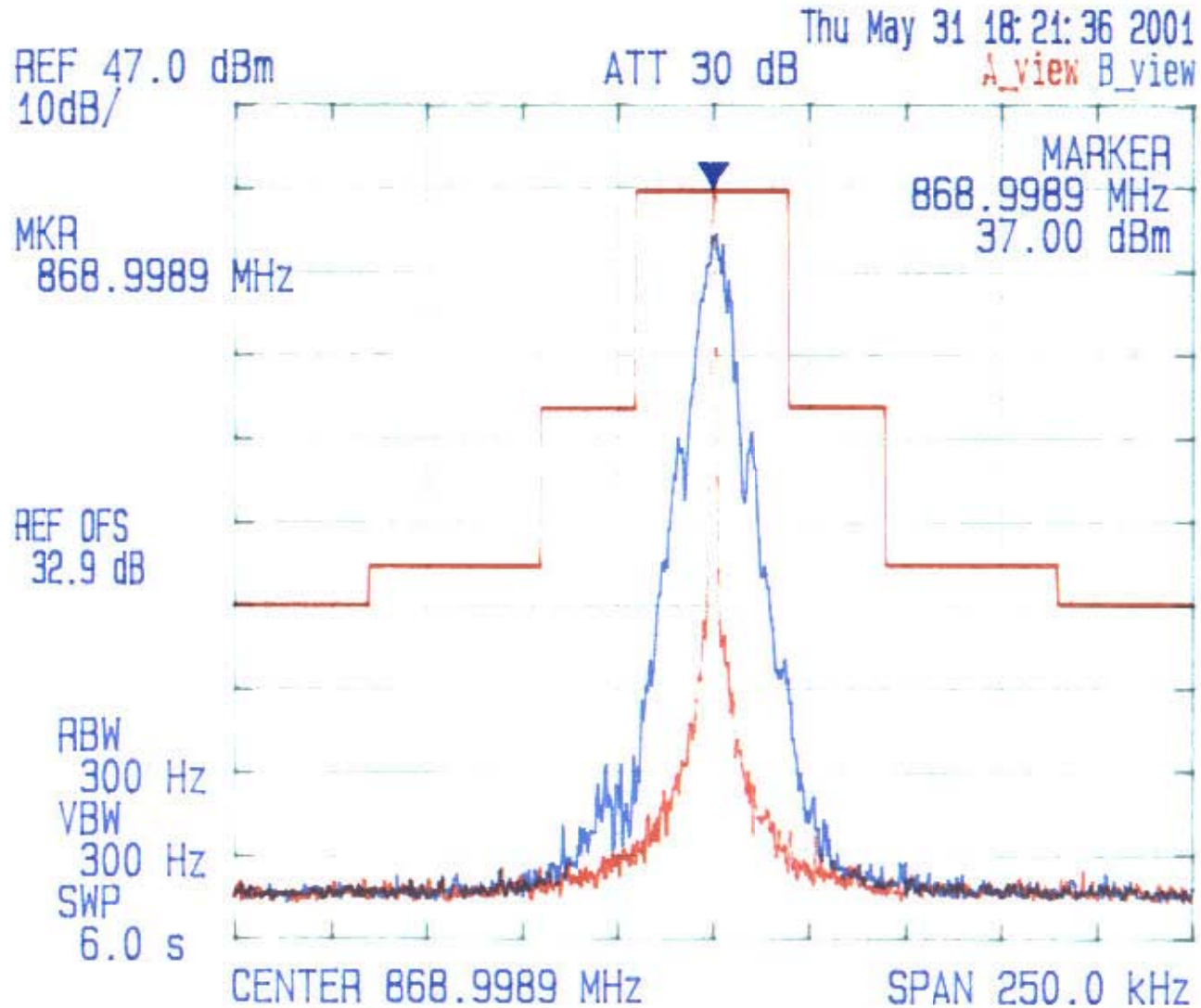


**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 869 MHz @ 869-894 MHz  
Mod.: FM Modulation with an external 9600 b/s random data + 6kHz DEV.  
EMISSION MASK F1D

Date: May 31 2001  
Tested by: Hung Trinh

PLOT#20







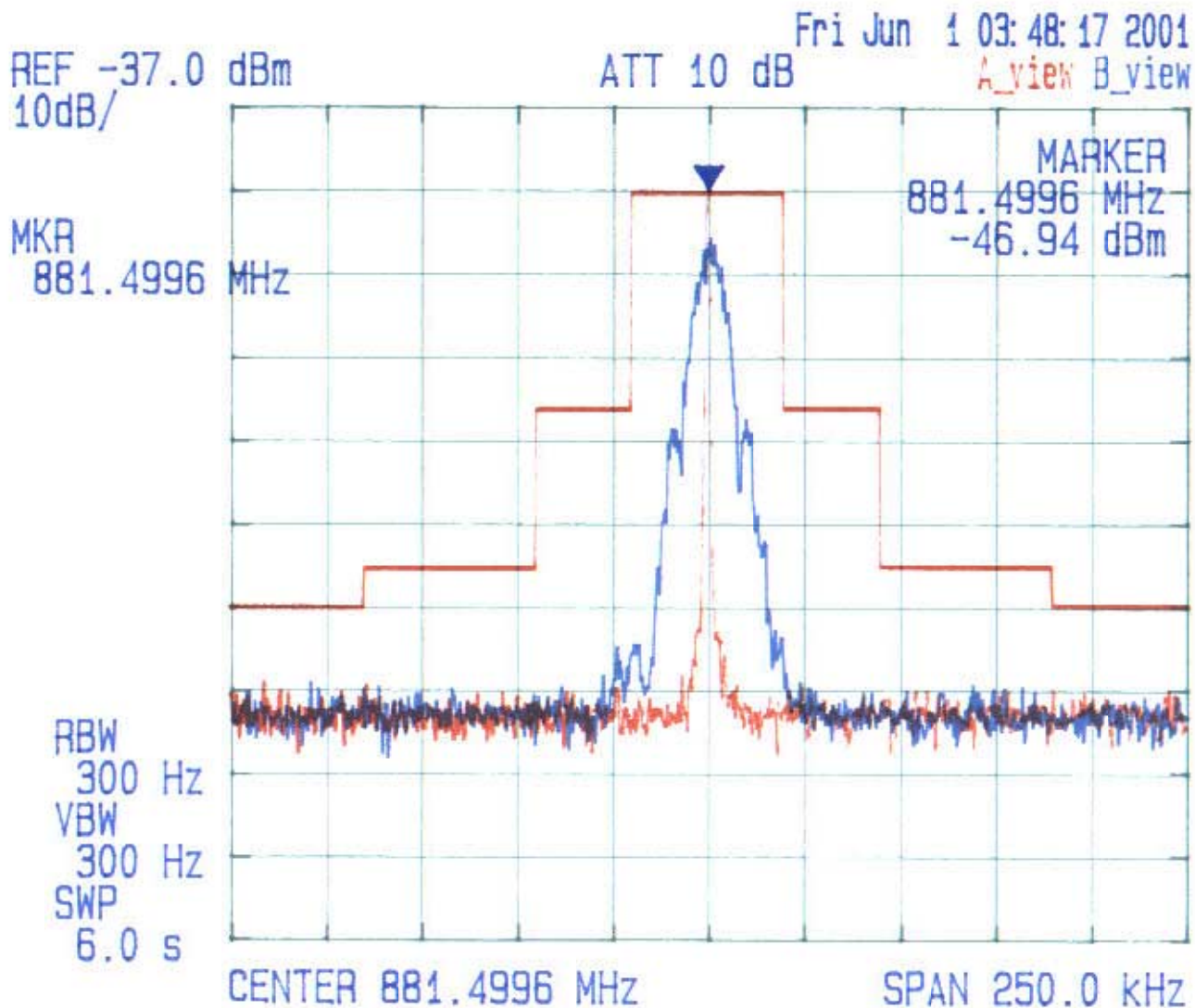
**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 881.5 MHz @ 869-894 MHz  
Mod.: FM Modulation with an external 9600 b/s random data  
EMISSION MASK F1D

Date: June 01 2001  
Tested by: Hung Trinh

PLOT#21

RF IN SIGNAL FITTED IN THE MASK F1D





**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES

Frequency: 881.5 MHz @ 869-894 MHz  
Mod.: FM Modulation with an external 9600 b/s random data *4 kHz DEV.*

EMISSION MASK F1D

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #22

Fri Jun 1 02:47:00 2001

REF 47.0 dBm  
10dB/

ATT 30 dB

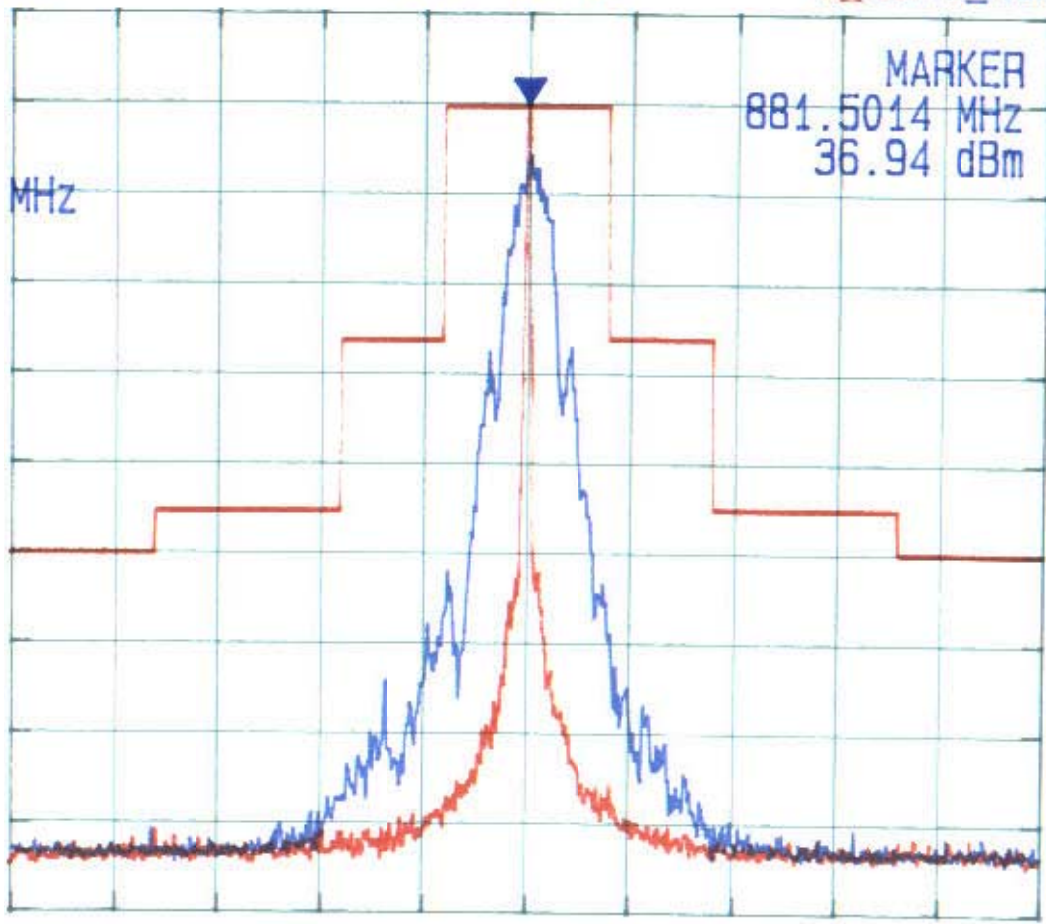
A\_view B\_view

MKR  
881.5014 MHz

MARKER  
881.5014 MHz  
36.94 dBm

REF OFS  
32.9 dB

RBW  
300 Hz  
VBW  
300 Hz  
SWP  
6.0 s



CENTER 881.5014 MHz

SPAN 250.0 kHz



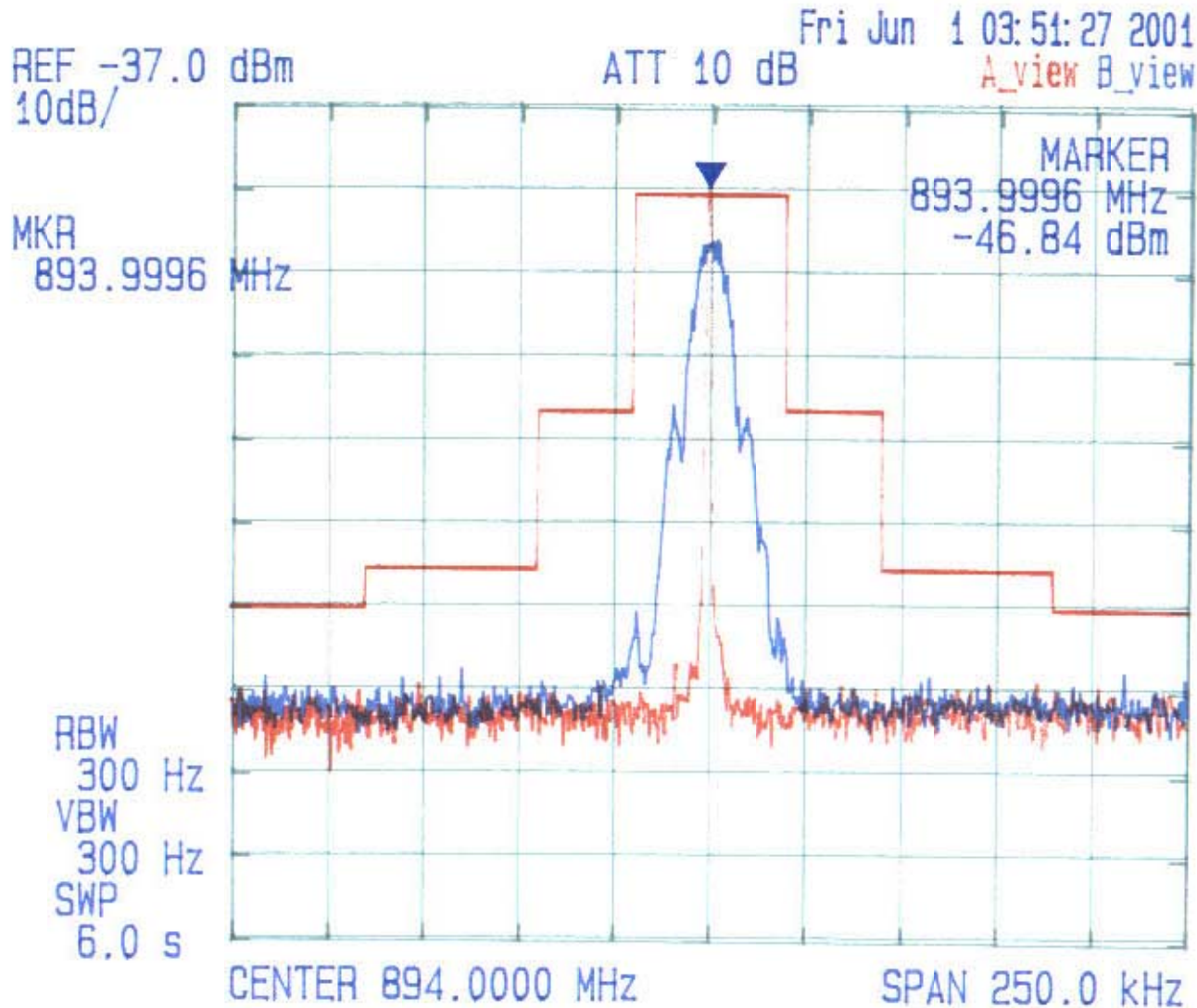
**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 894 MHz @ 369-894 MHz  
Mod.: FM Modulation with an external 9600 b/s random data  
EMISSION MASK F1D

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #23

RF IN SIGNAL FITTED IN THE MASK F1D





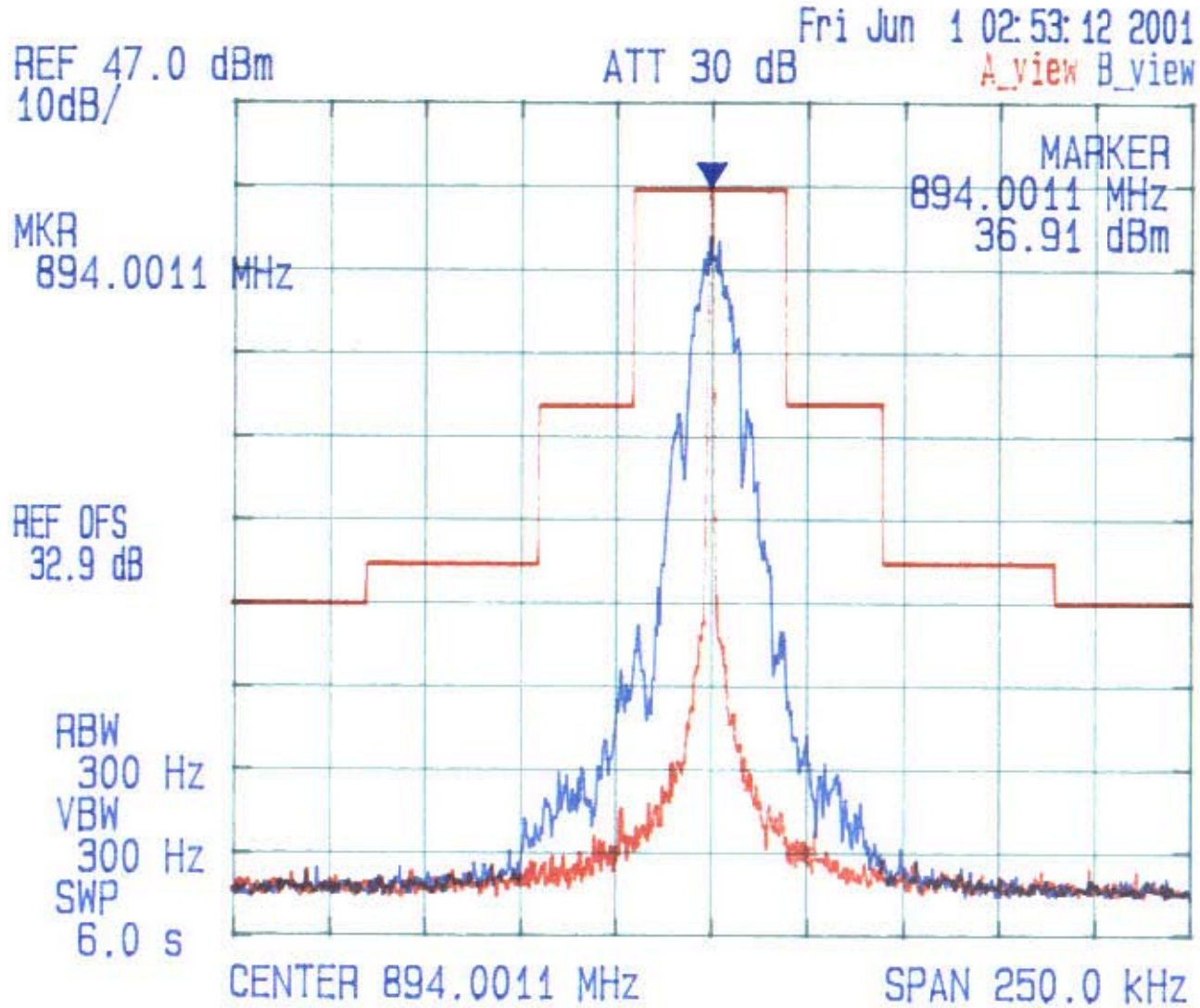


**UltraTech**  
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.  
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES  
Frequency: 894 MHz @ 869-894 MHz  
Mod.: FM Modulation with an external 9600 b/s random data 4 kHz DEV.  
EMISSION MASK F1D

Date: June 01 2001  
Tested by: Hung Trinh

PLOT #24



RF IN SIGNAL FITTED IN THE MASK I

