



# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: LOWEST Tx Frequency: 2402 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S131CL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

Vertical

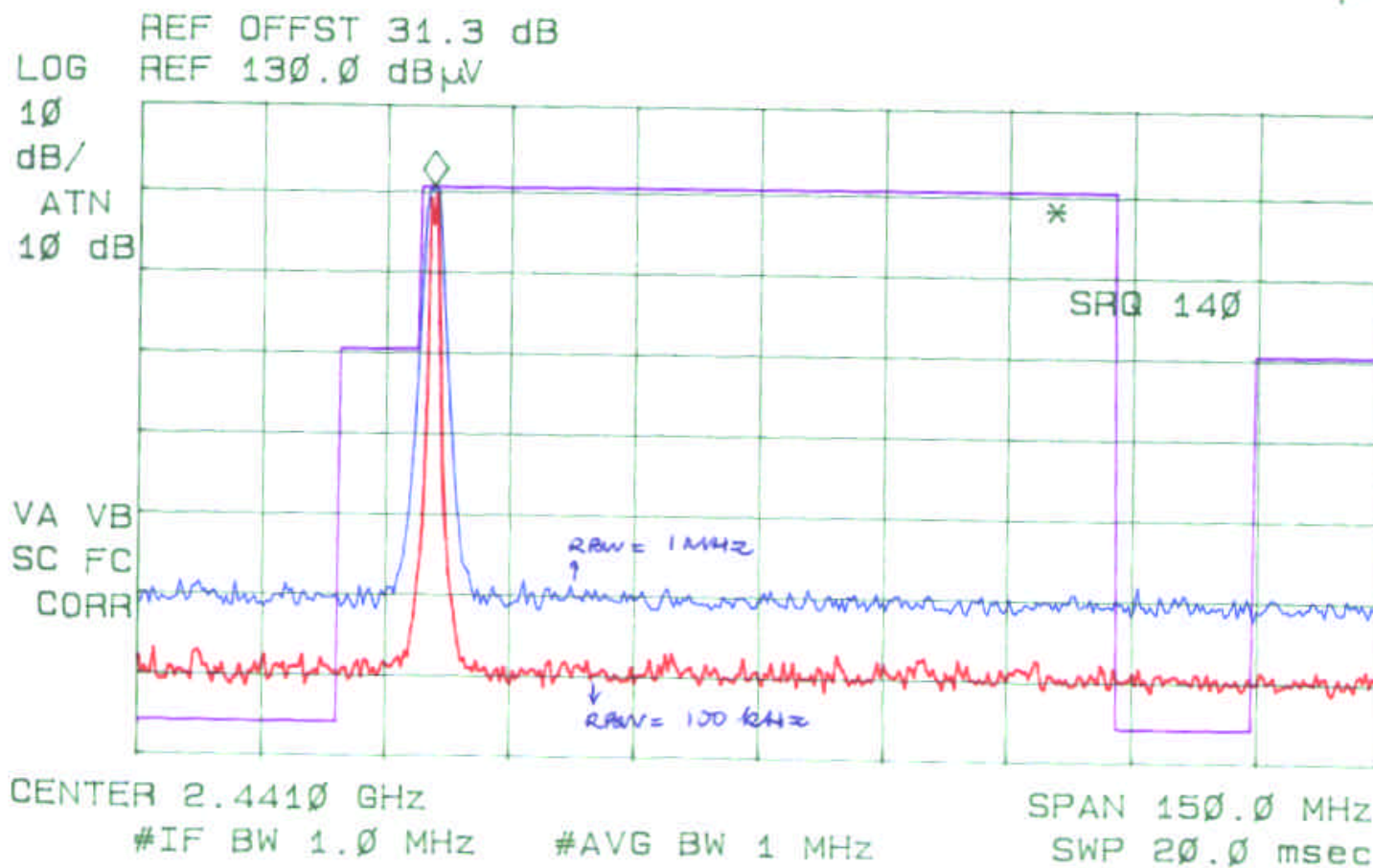
ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4016 GHz

119.94 dBμV

No user  
Menu







# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MIDDLE Tx Frequency: 2.4412 MHz, Output power: 181 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S131CL-5-RMM-2450S Antenna

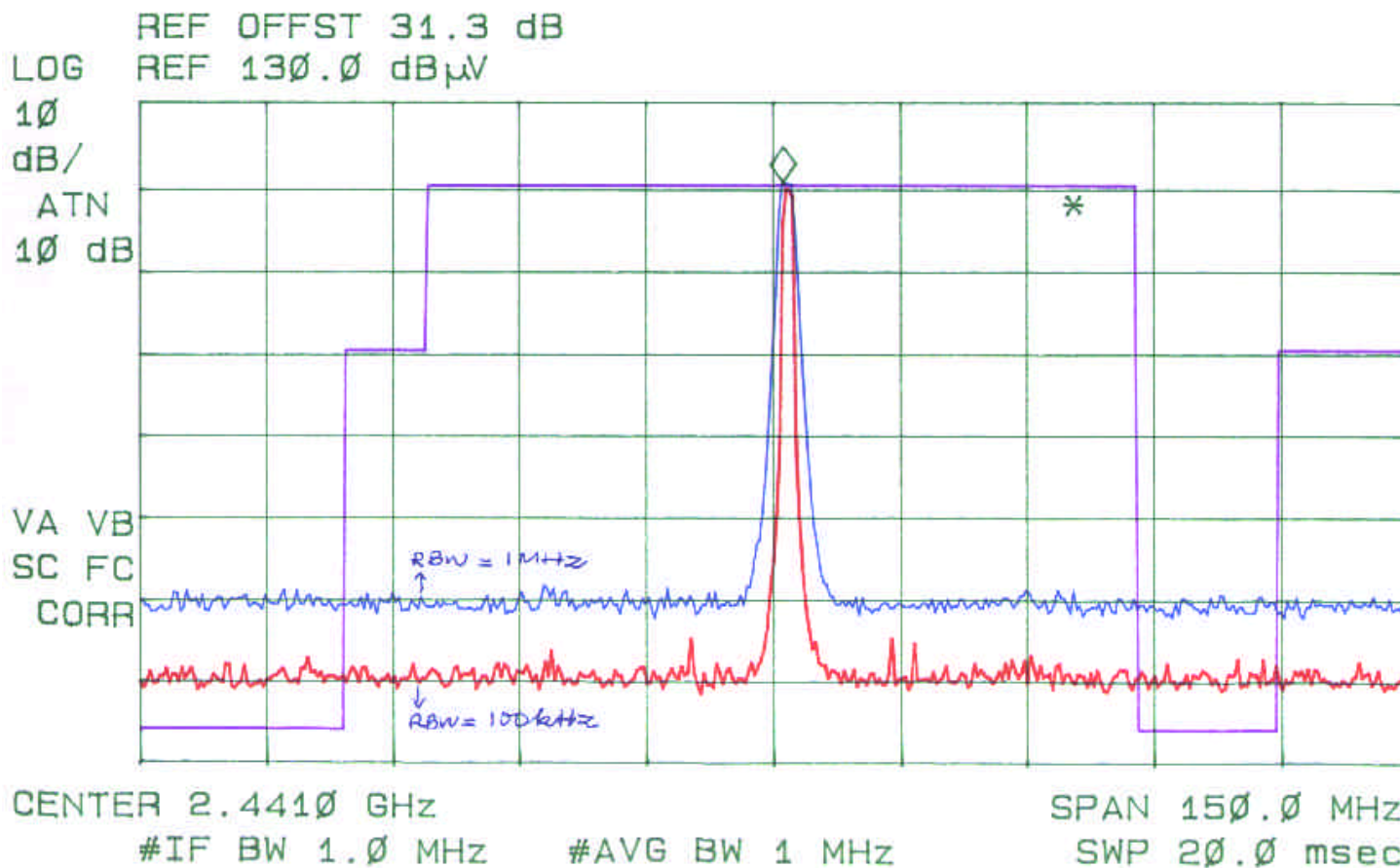
Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Vertical  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4421 GHz  
120.26 dBμV

No user  
Menu





**AEROCOMM INC.**  
 2.4 GHz OEM Data Radio, Model: PKLR2400  
 Channel: MIDDLE Tx Frequency: 2.442 MHz, Output power: 181 mW  
 Modulation: Frequency Hopping Spread Spectrum  
 Antenna: Nearson S131CL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
 Tested by: Hung Trinh

hp

# Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
 1 MHz

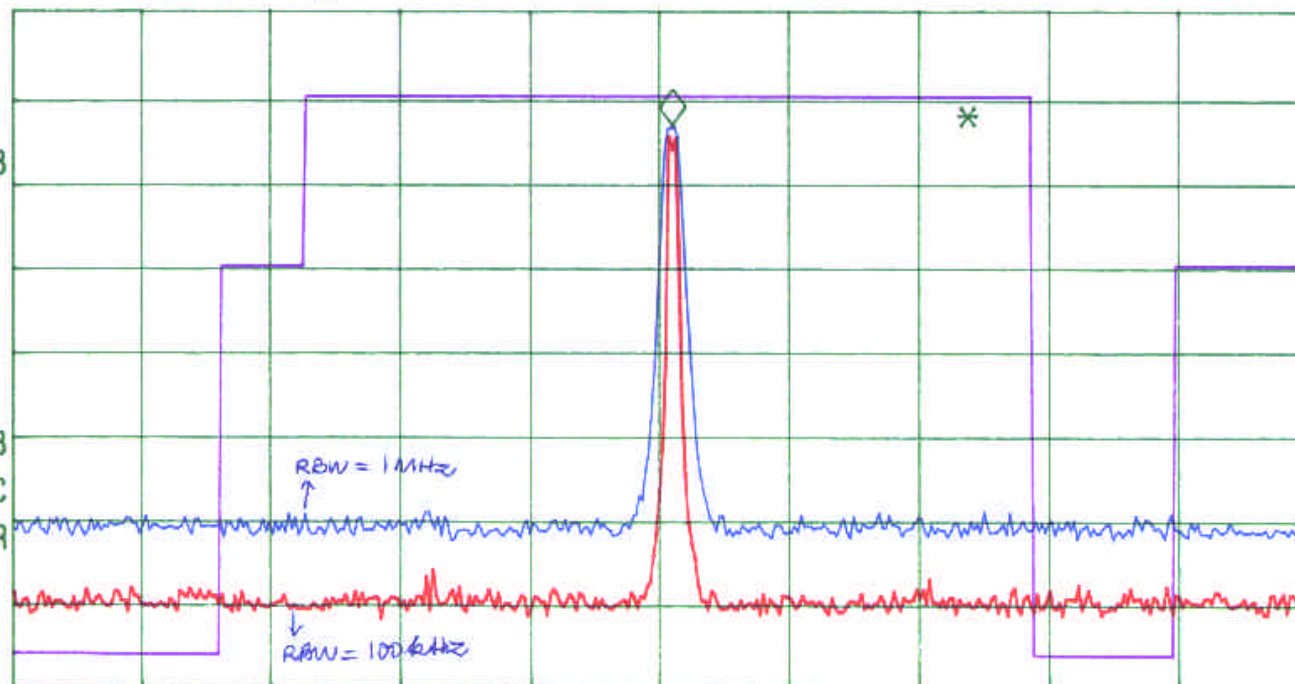
Horizontal  
 ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 2.4425 GHz  
 116.44 dBμV

No user  
 Menu

LOG REF OFFST 31.3 dB  
 REF 130.0 dBμV

10  
 dB/  
 ATN  
 10 dB

VA VB  
 SC FC  
 CORR



CENTER 2.4410 GHz SPAN 150.0 MHz  
 #IF BW 1.0 MHz #AVG BW 1 MHz SWP 20.0 msec



**AEROCOMM INC.**  
2.4 GHz OEM Data Radio, Model: PKLR2400  
Channel: HIGHEST Tx Frequency: 2.478 MHz, Output power: 198 mW  
Modulation: Frequency Hopping Spread Spectrum  
Antenna: Nearson S131CL-5-RMM-2450S Antenna

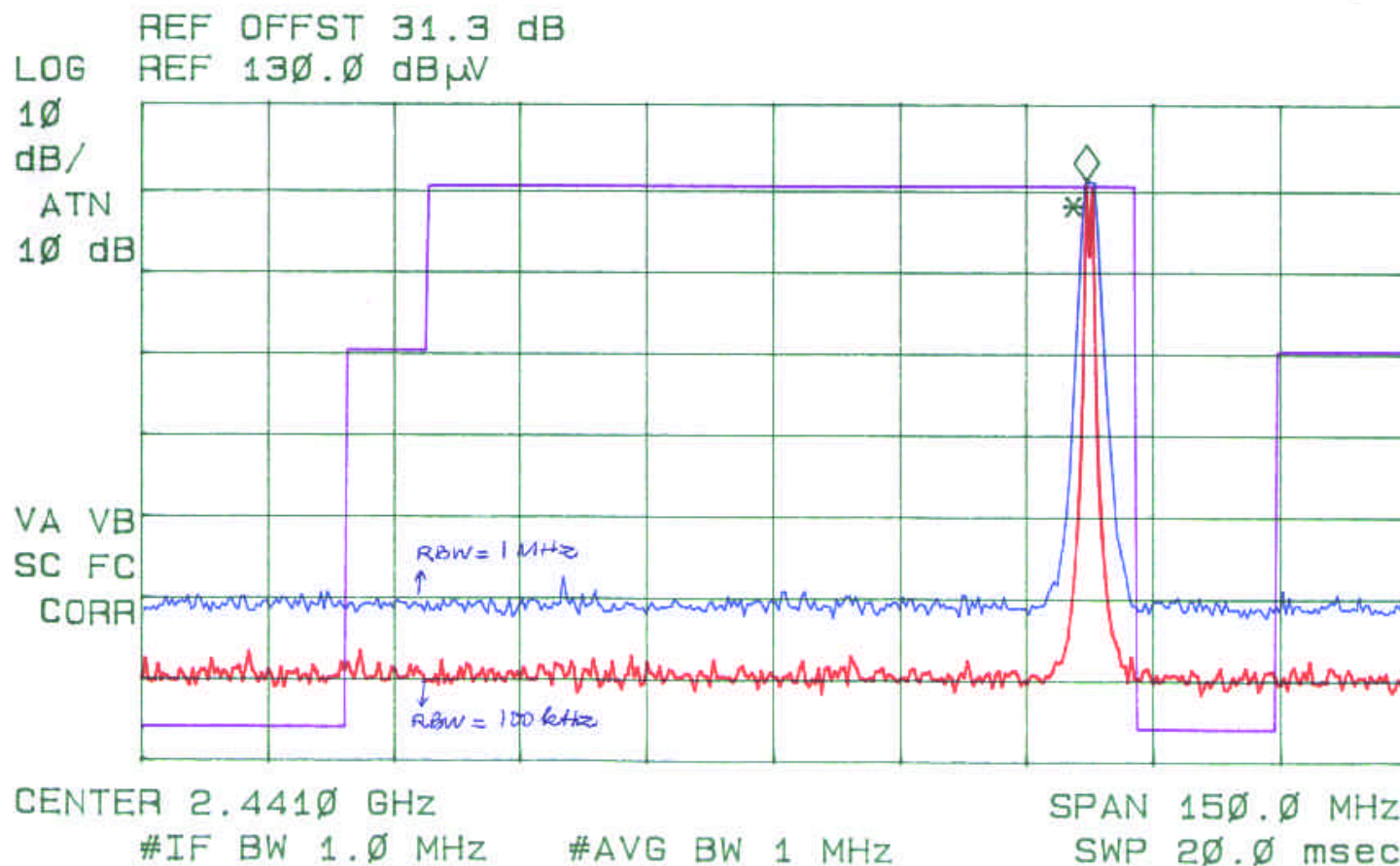
Date: Sept. 12, 2000  
Tested by: Hung Trinh

### Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Vertical  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4781 GHz  
120.64 dB $\mu$ V

No user  
Menu





# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: HIGHBT Tx Frequency: 2.478 MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S131CL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

h77

## Radiated Emissions Measurements @ 3 Meters

Horizontal

AVERAGE BANDWIDTH  
1 MHz

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4781 GHz

117.40 dBμV

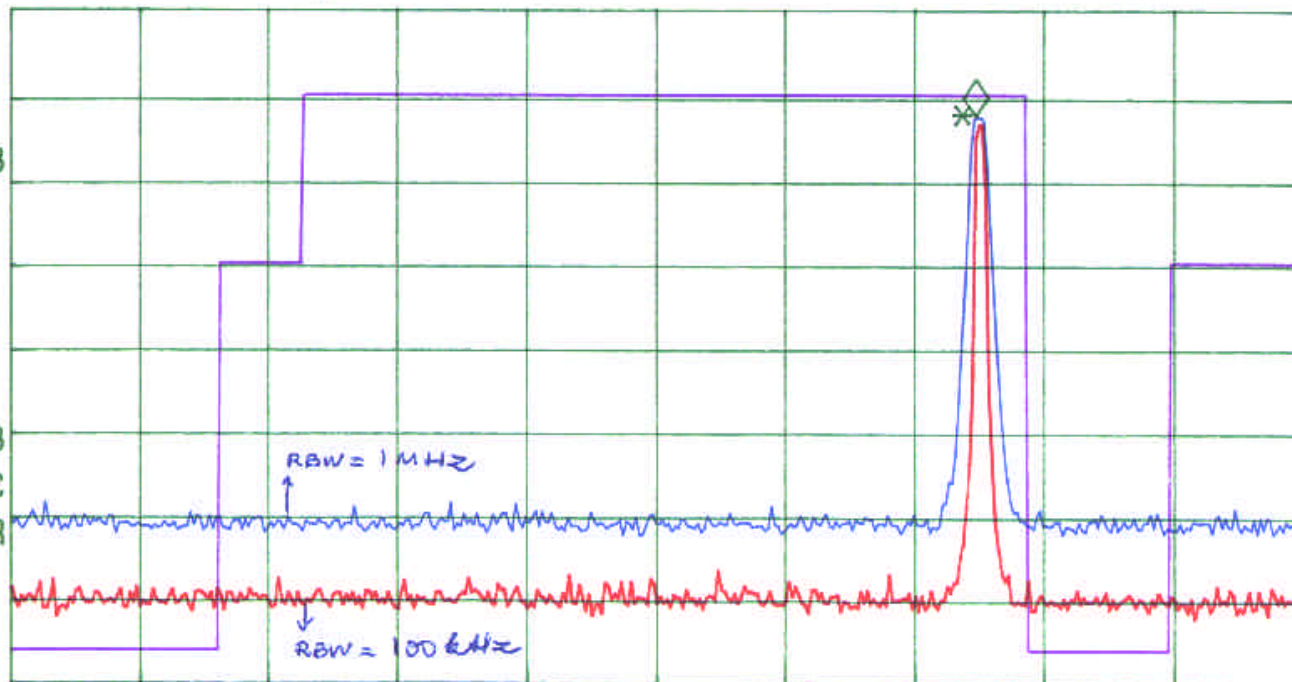
No user  
Menu

REF OFFST 31.3 dB

LOG REF 130.0 dBμV

10  
dB/  
ATN  
10 dB

VA VB  
SC FC  
CORR



CENTER 2.4410 GHz

#IF BW 1.0 MHz

#AVG BW 1 MHz

SPAN 150.0 MHz

SWP 20.0 msec



# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: LOWEST Tx Frequency: 2402 MHz, Output power: 100 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S181FL-5-RMM-2450S Antenna

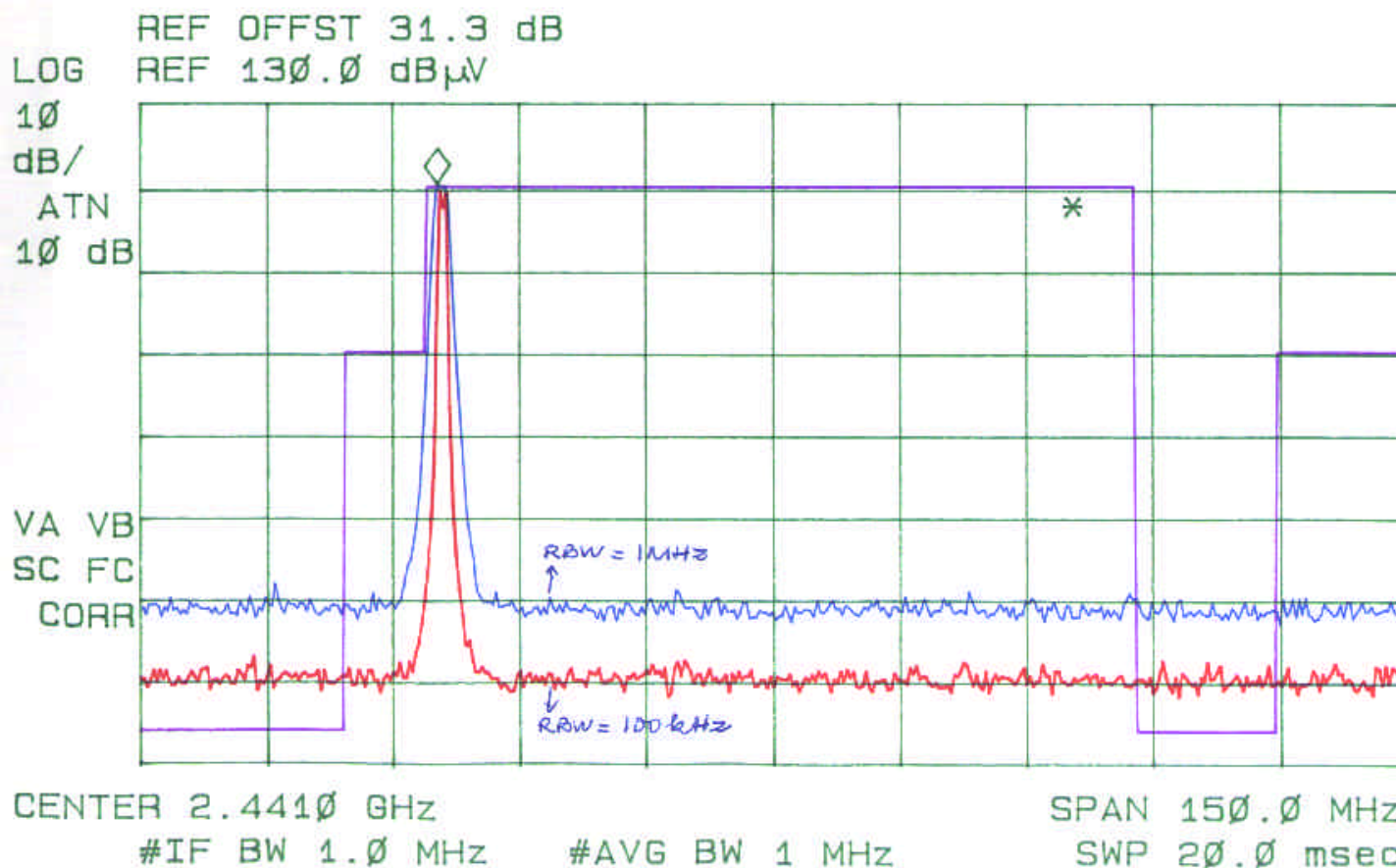
Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Vertical  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4013 GHz  
120.22 dB $\mu$ V

No user  
Menu





# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: LOWEST Tx Frequency: 2.4402 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S181FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

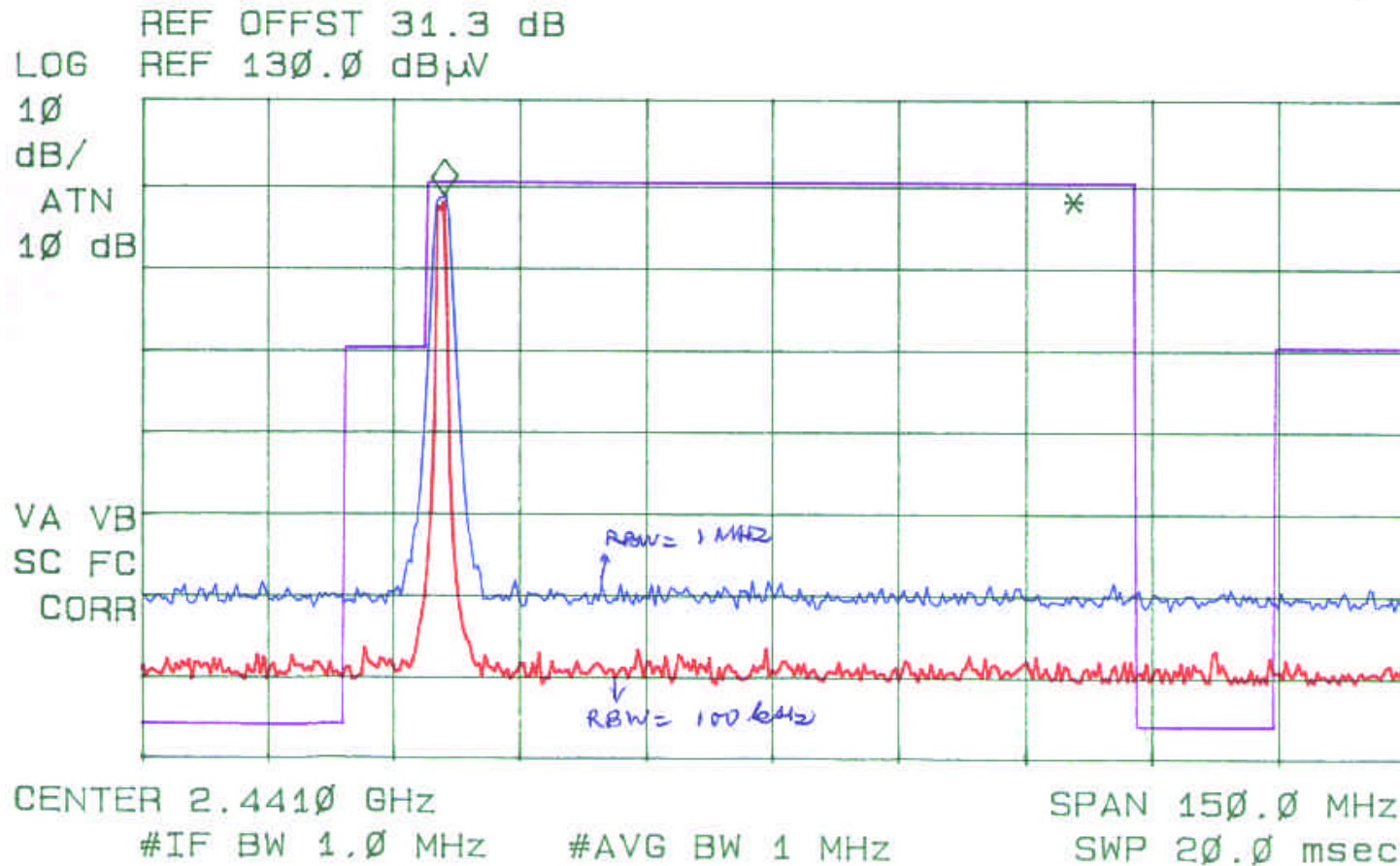
hp

## Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Horizontal  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4020 GHz  
118.32 dBμV

No user  
Menu





# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MIDDLE Tx Frequency: 2.4412 MHz, Output power: 181 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S181FL-5-RMM-2450S Antenna

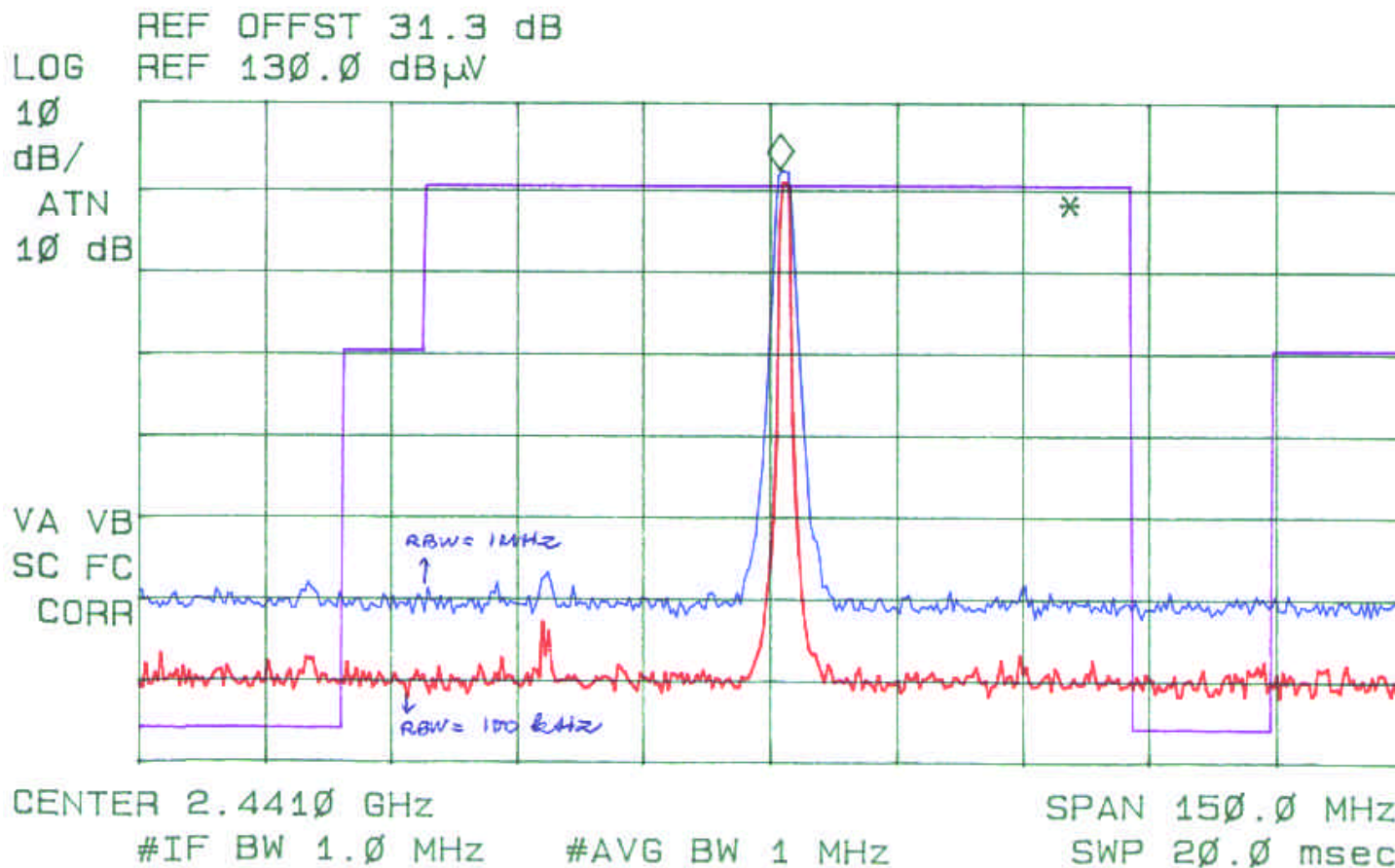
Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Vertical  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4421 GHz  
121.80 dBμV

No user  
Menu





**AEROCOMM INC.**  
2.4 GHz OEM Data Radio, Model: PKLR2400  
Channel: MIDDLE Tx Frequency: 2.442 MHz, Output power: 181 mW  
Modulation: Frequency Hopping Spread Spectrum  
Antenna: Nearson S181FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

hp

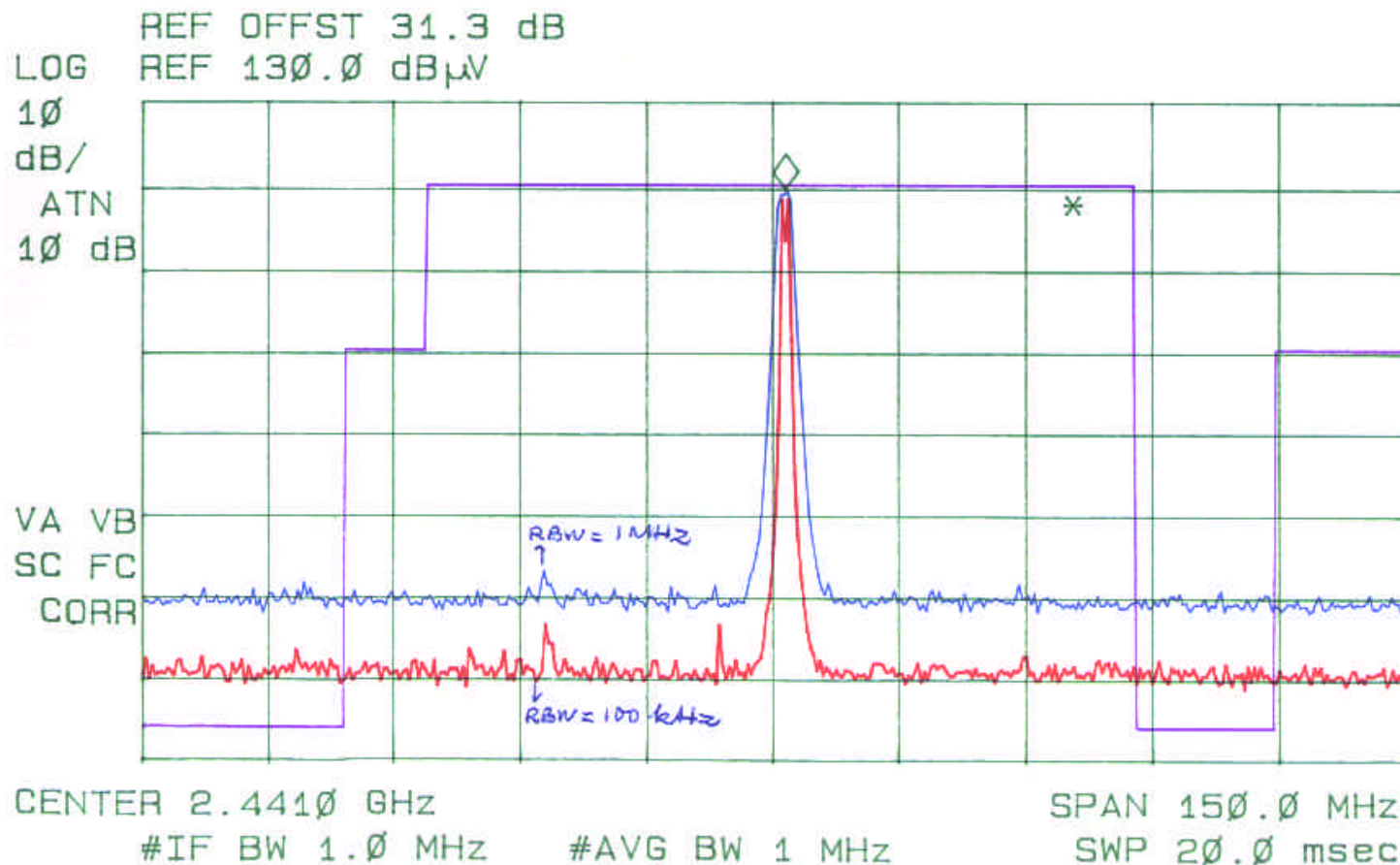
### Radiated Emissions Measurements @ 3 Meters

Horizontal

AVERAGE BANDWIDTH  
1 MHz

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4425 GHz  
119.33 dB $\mu$ V

No user  
Menu





# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: HIGHEST Tx Frequency: 2.478 MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S181FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

Vertical

AVERAGE BANDWIDTH  
1 MHz

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4778 GHz

120.98 dBμV

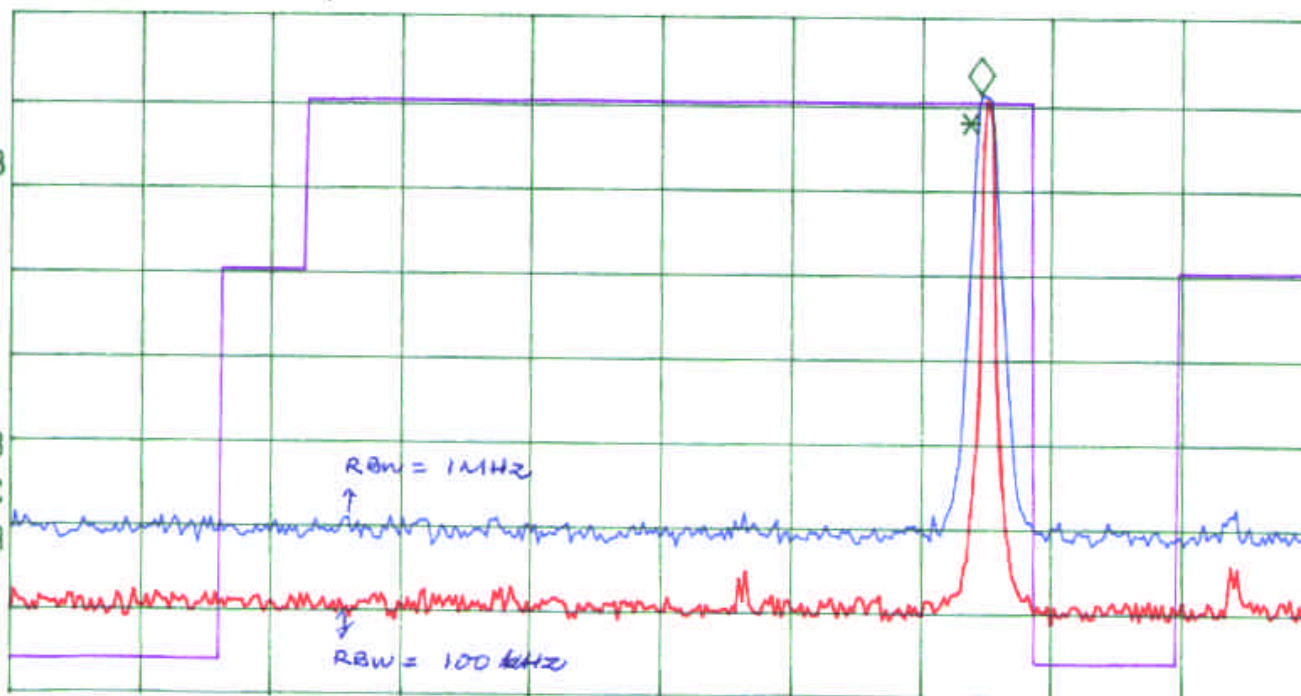
No user  
Menu

REF OFFST 31.3 dB

LOG REF 130.0 dBμV

10  
dB/  
ATN  
10 dB

VA VB  
SC FC  
CORR



CENTER 2.4410 GHz

#IF BW 1.0 MHz

#AVG BW 1 MHz

SPAN 150.0 MHz

SWP 20.0 msec



**AEROCOMM INC.**  
2.4 GHz OEM Data Radio, Model: PKLR2400  
Channel: HIGHST Tx Frequency: 2.478 MHz, Output power: 198 mW  
Modulation: Frequency Hopping Spread Spectrum  
Antenna: Nearson S181FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

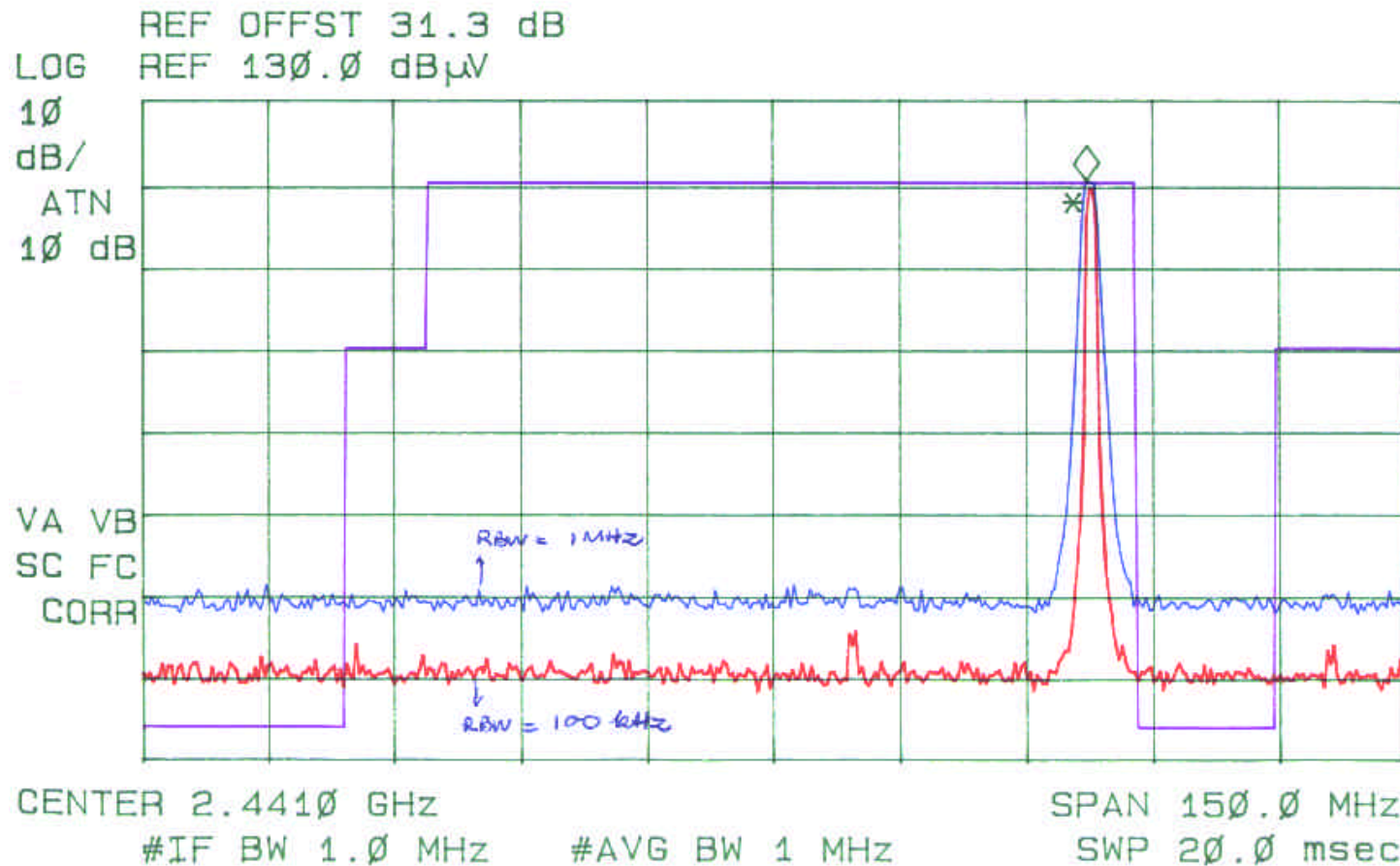
hp

### Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Horizontal  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4781 GHz  
120.09 dBμV

No user  
Menu





# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: LOWEST Tx Frequency: 2400 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S191FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

Vertical

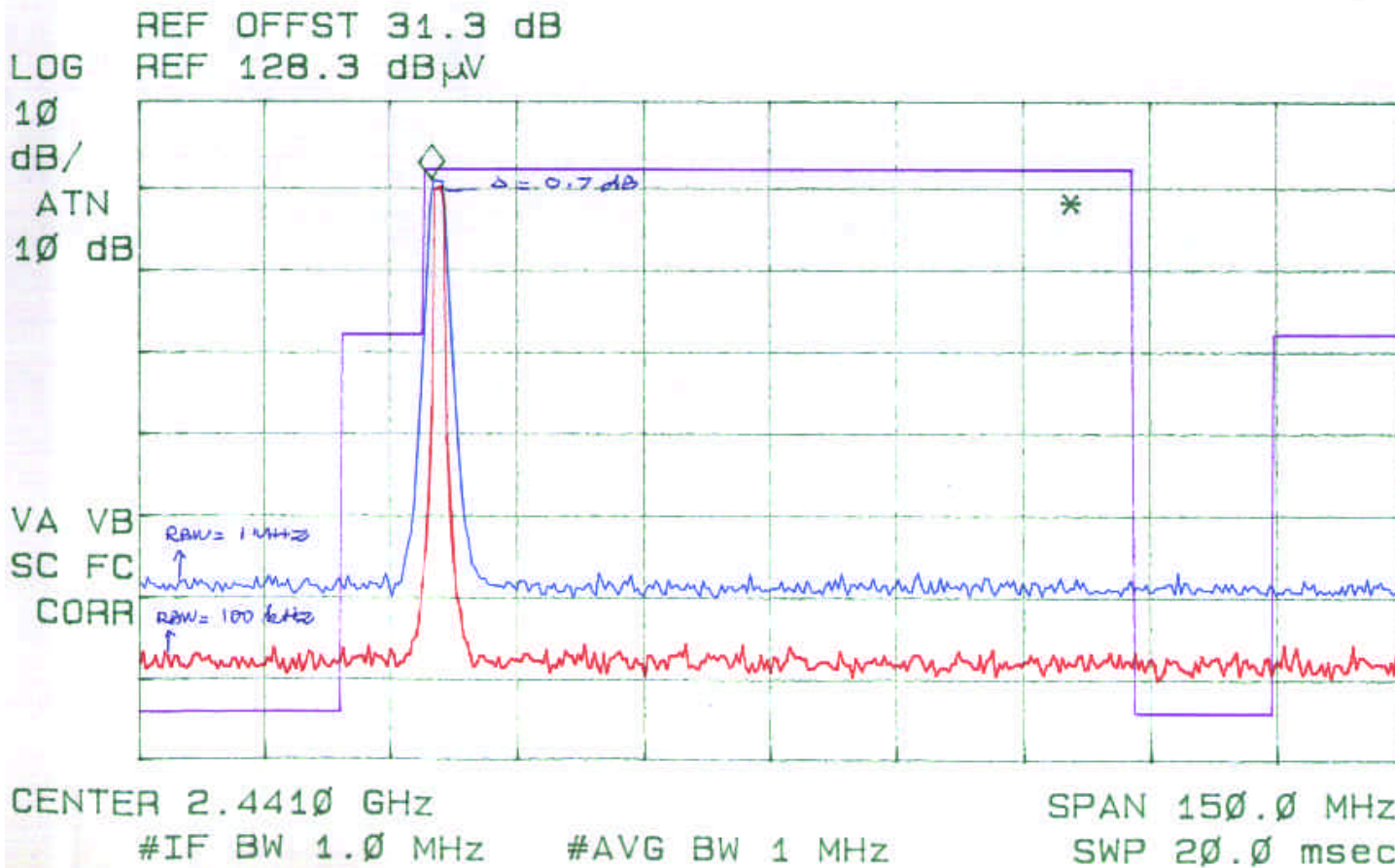
ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4009 GHz

118.66 dB $\mu$ V

No user  
Menu





# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: LOWEST Tx Frequency: 2.4402 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S191FL-5-RMM-2450S Antenna

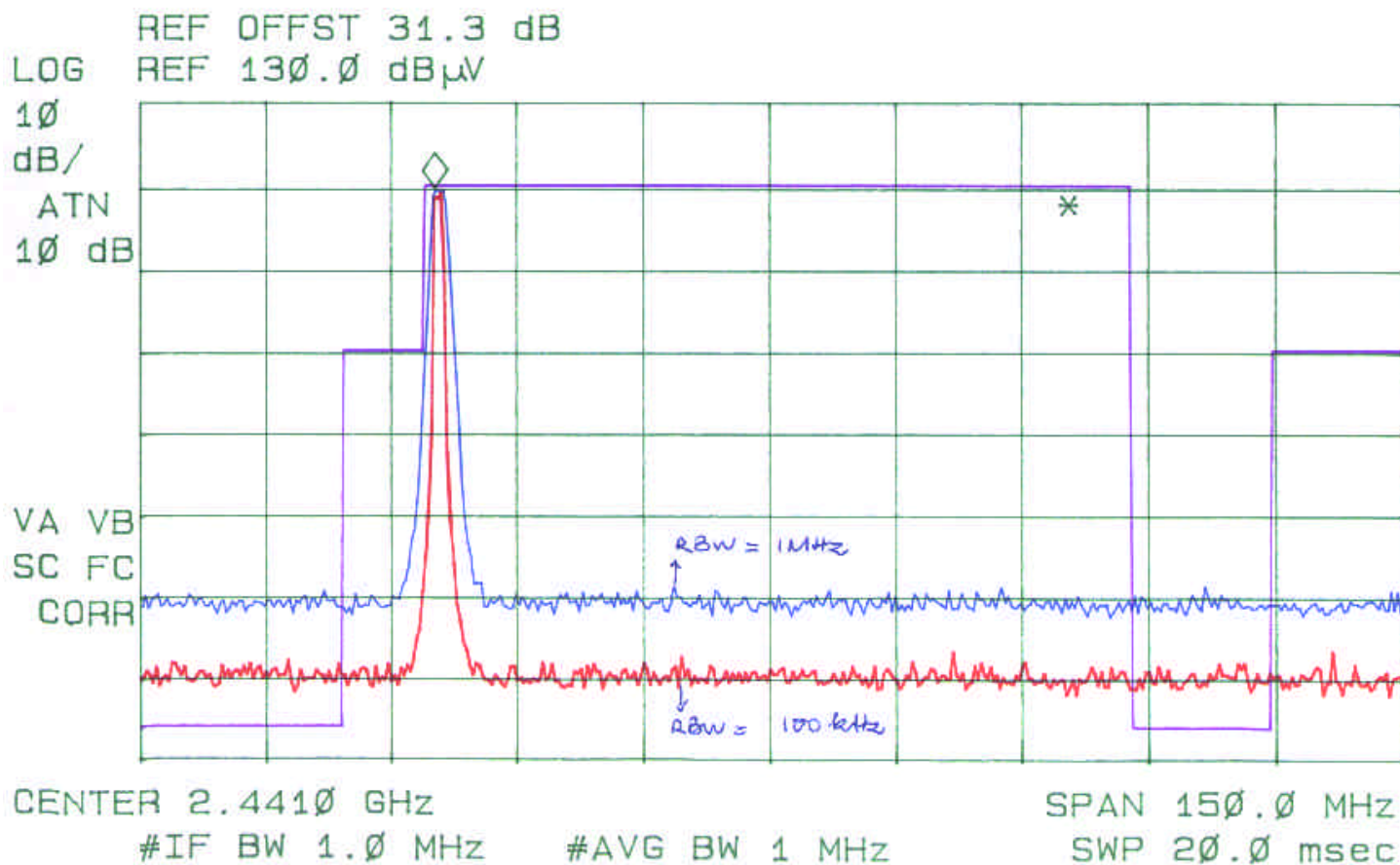
Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Horizontal  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4013 GHz  
119.56 dB $\mu$ V

No user  
Menu





# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MIDDLE Tx Frequency: 2442 MHz, Output power: 181 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S191FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

Vertical

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4425 GHz

119.83 dB $\mu$ V

No user

Menu

AVERAGE BANDWIDTH

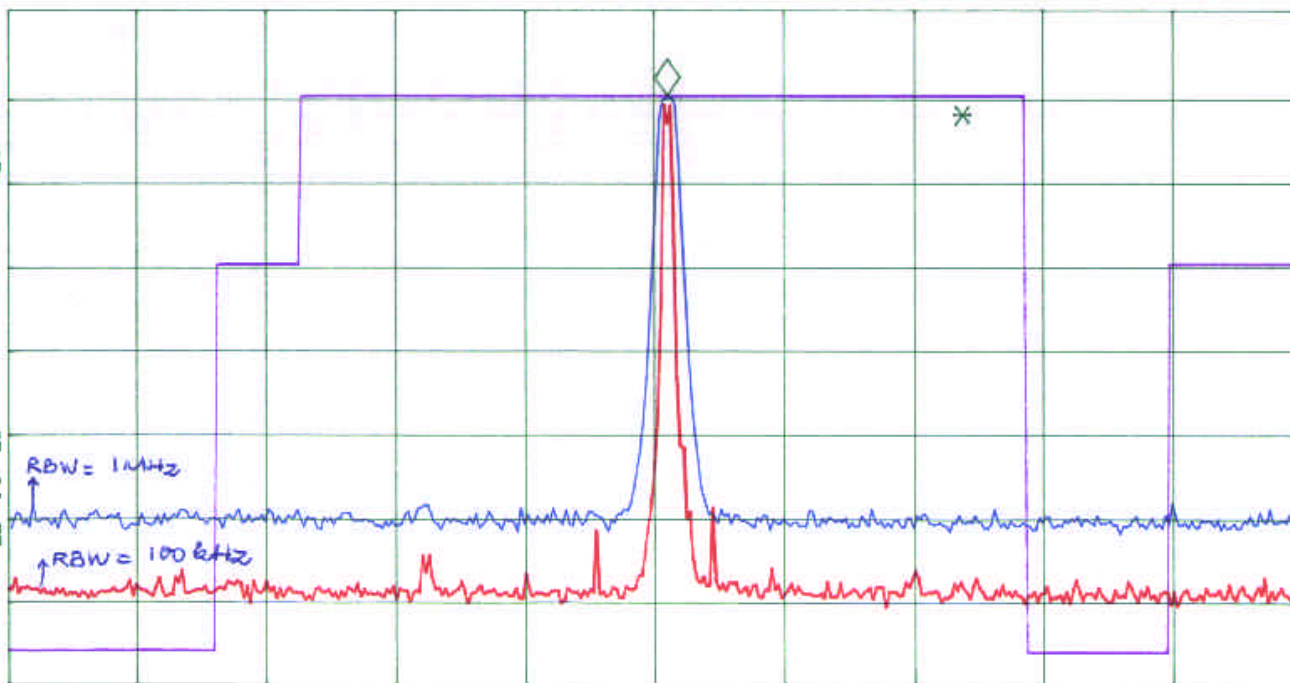
1 MHz

REF OFFST 31.3 dB

LOG REF 130.0 dB $\mu$ V

10  
dB/  
ATN  
10 dB

VA VB  
SC FC  
CORR



CENTER 2.4410 GHz

#IF BW 1.0 MHz

#AVG BW 1 MHz

SPAN 150.0 MHz

SWP 20.0 msec



**UltraTech**  
Engineering Labs Inc.

# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MIDDLE Tx Frequency: 2.4418 MHz, Output power: 181 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S191FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

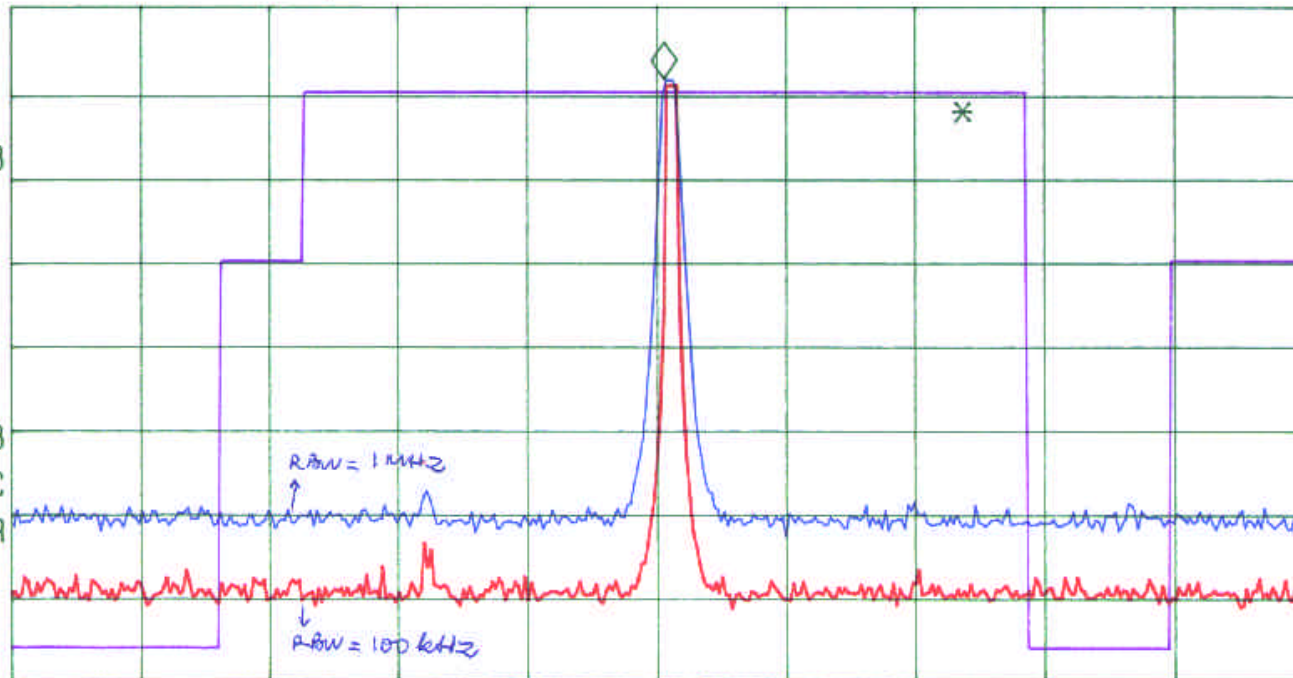
Horizontal  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4418 GHz  
121.43 dB $\mu$ V

No user  
Menu

LOG REF OFFST 31.3 dB  
REF 130.0 dB $\mu$ V

10  
dB/  
ATN  
10 dB

VA VB  
SC FC  
CORR



CENTER 2.4418 GHz

#IF BW 1.0 MHz

#AVG BW 1 MHz

SPAN 150.0 MHz

SWP 20.0 msec



# AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: HIGHEST Tx Frequency: 2.478 MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: Nearson S191FL-5-RMM-2450S Antenna

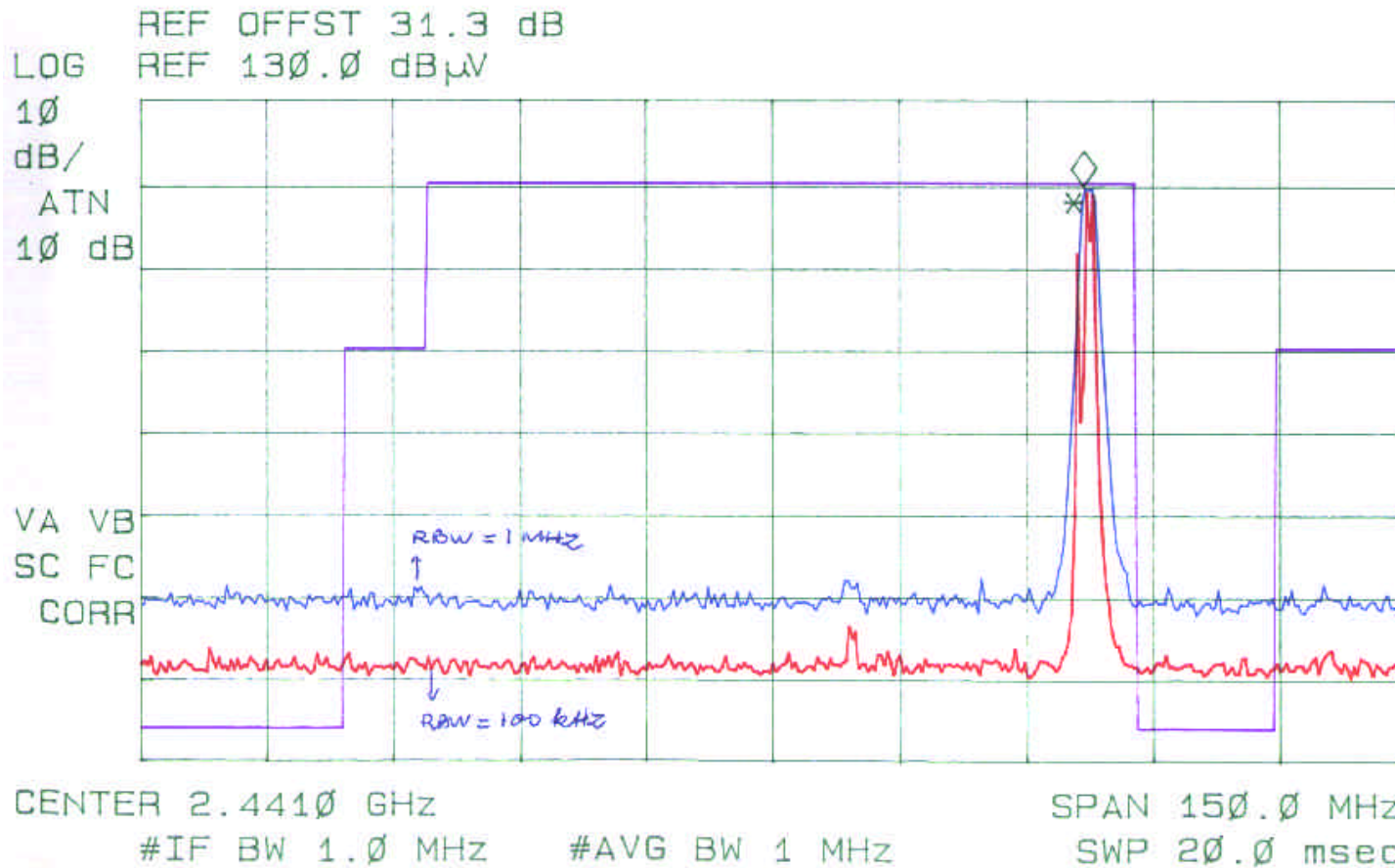
Date: Sept. 12, 2000  
Tested by: Hung Trinh

## Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
1 MHz

Vertical  
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.4778 GHz  
119.48 dB $\mu$ V

No user  
Menu





**AEROCOMM INC.**  
 2.4 GHz OEM Data Radio, Model: PKLR2400  
 Channel: HIGHST Tx Frequency: 2478 MHz, Output power: 198 mW  
 Modulation: Frequency Hopping Spread Spectrum  
 Antenna: Nearson S191FL-5-RMM-2450S Antenna

Date: Sept. 12, 2000  
 Tested by: Hung Trinh

### Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH  
 1 MHz

Horizontal  
 ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 2.4785 GHz  
 119.53 dB $\mu$ V

No user  
 Menu

