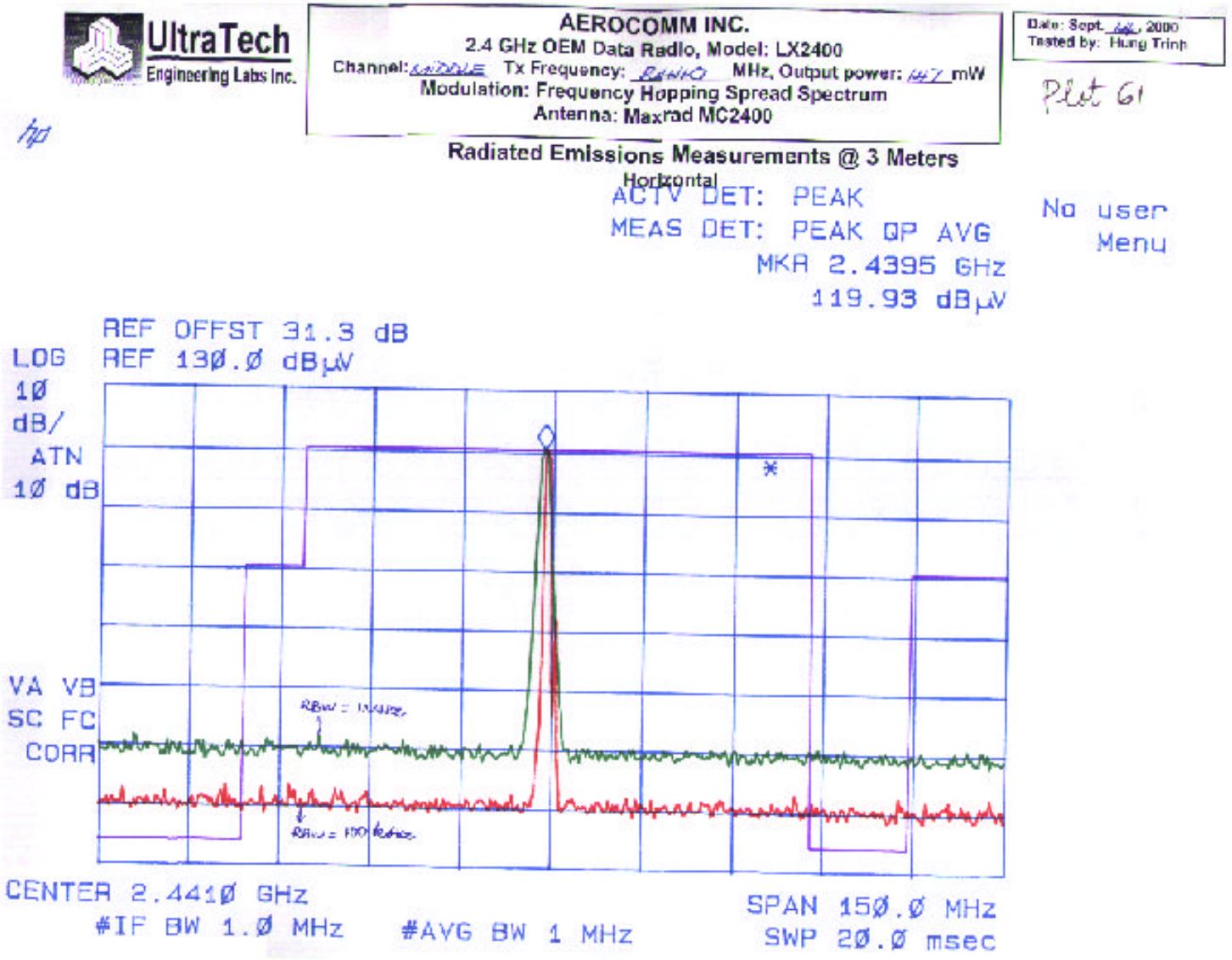

UltraTech
Engineering Labs Inc.
AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: MIDDLE Tx Frequency: 2440 MHz, Output power: 117 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Maxrad MC2400
Date: Sept. 6th, 2000
Tested by: Hung Trinh
Plot 61
Radiated Emissions Measurements @ 3 Meters
Horizontal
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4395 GHz
119.93 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

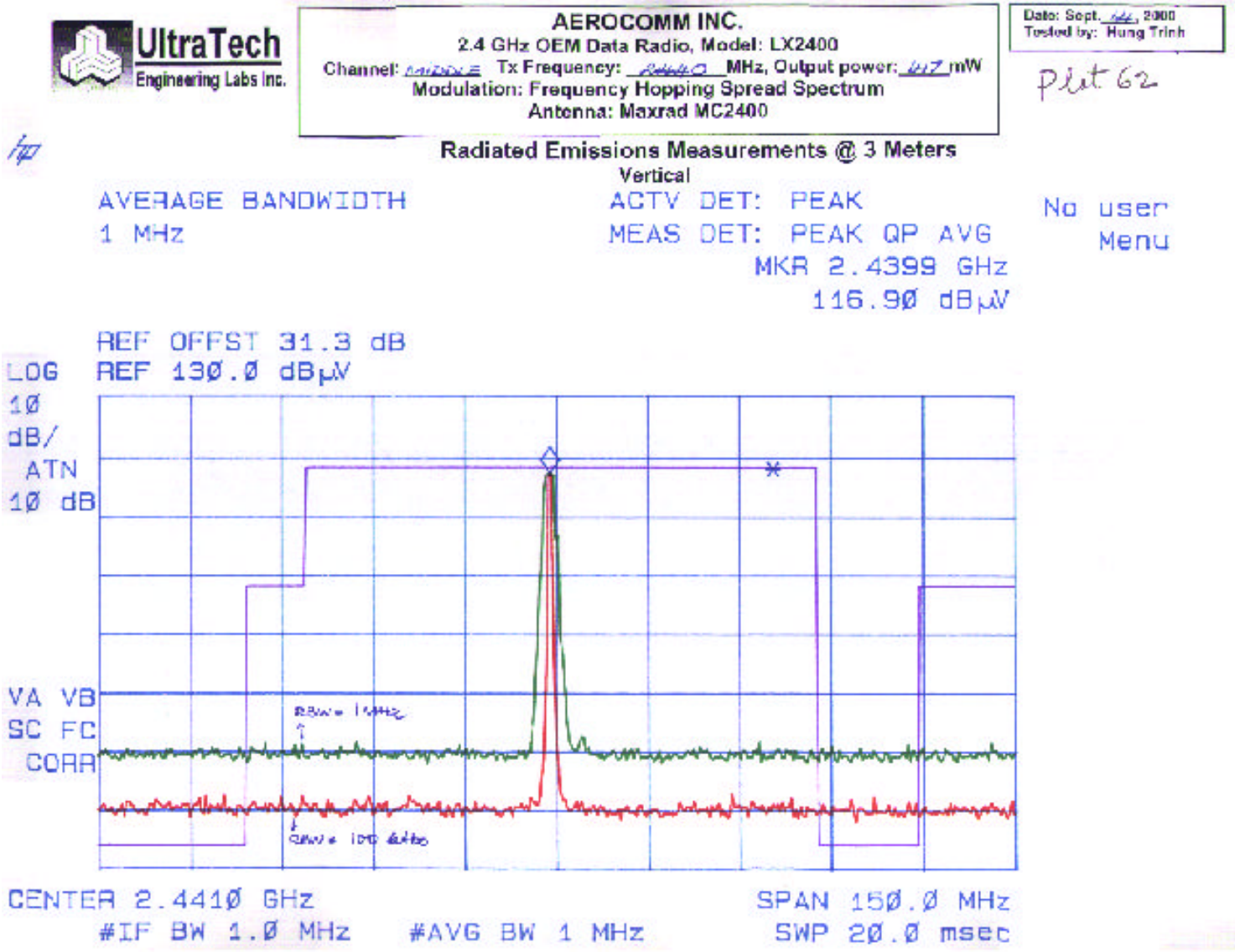
UltraTech Engineering Labs Inc.

AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: Middle Tx Frequency: 2441.0 MHz, Output power: 117 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Maxrad MC2400

Date: Sept. 22, 2000
Tested by: Hung Trinh

Plot 62

Radiated Emissions Measurements @ 3 Meters
Vertical



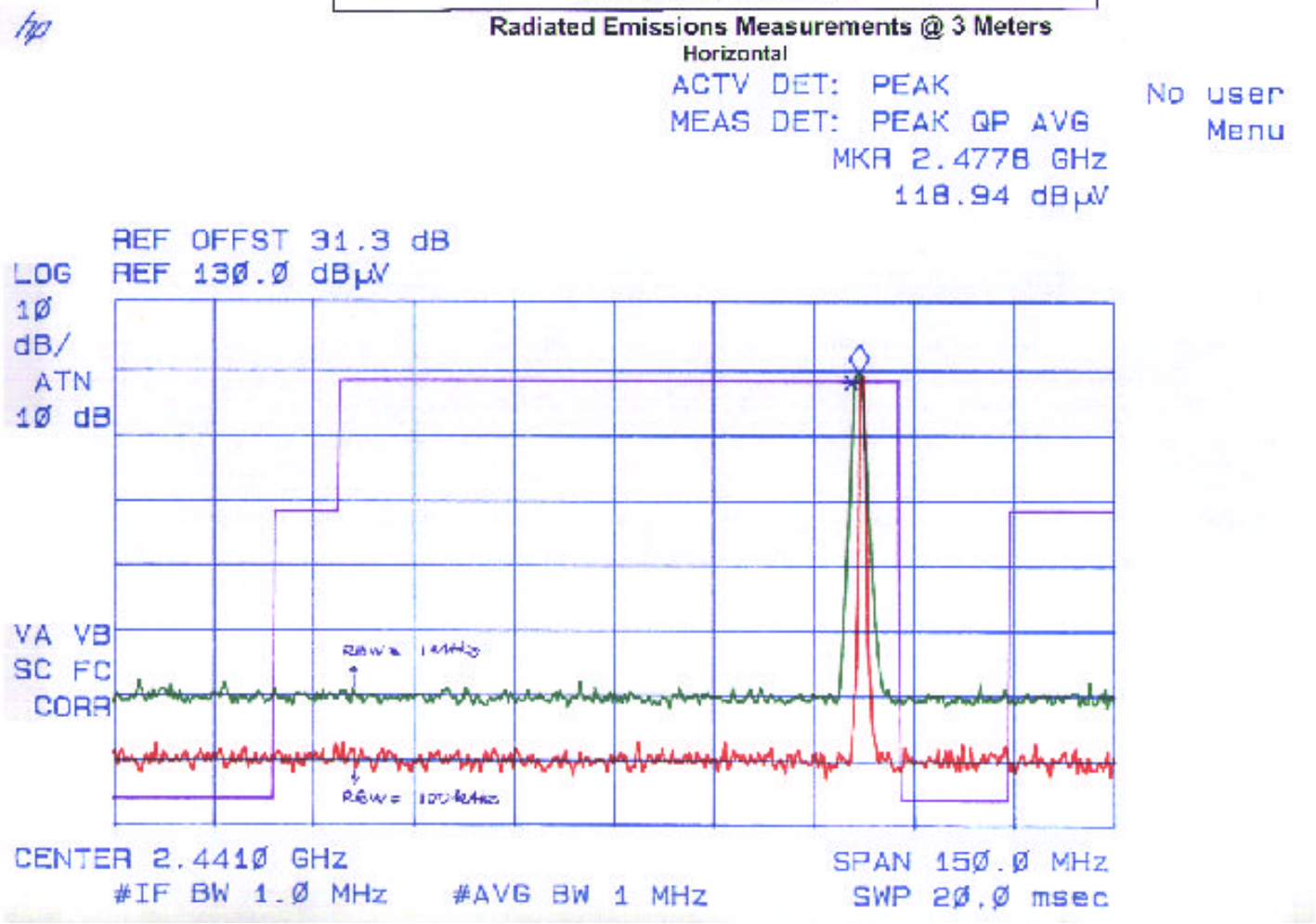
UltraTech Engineering Labs Inc.

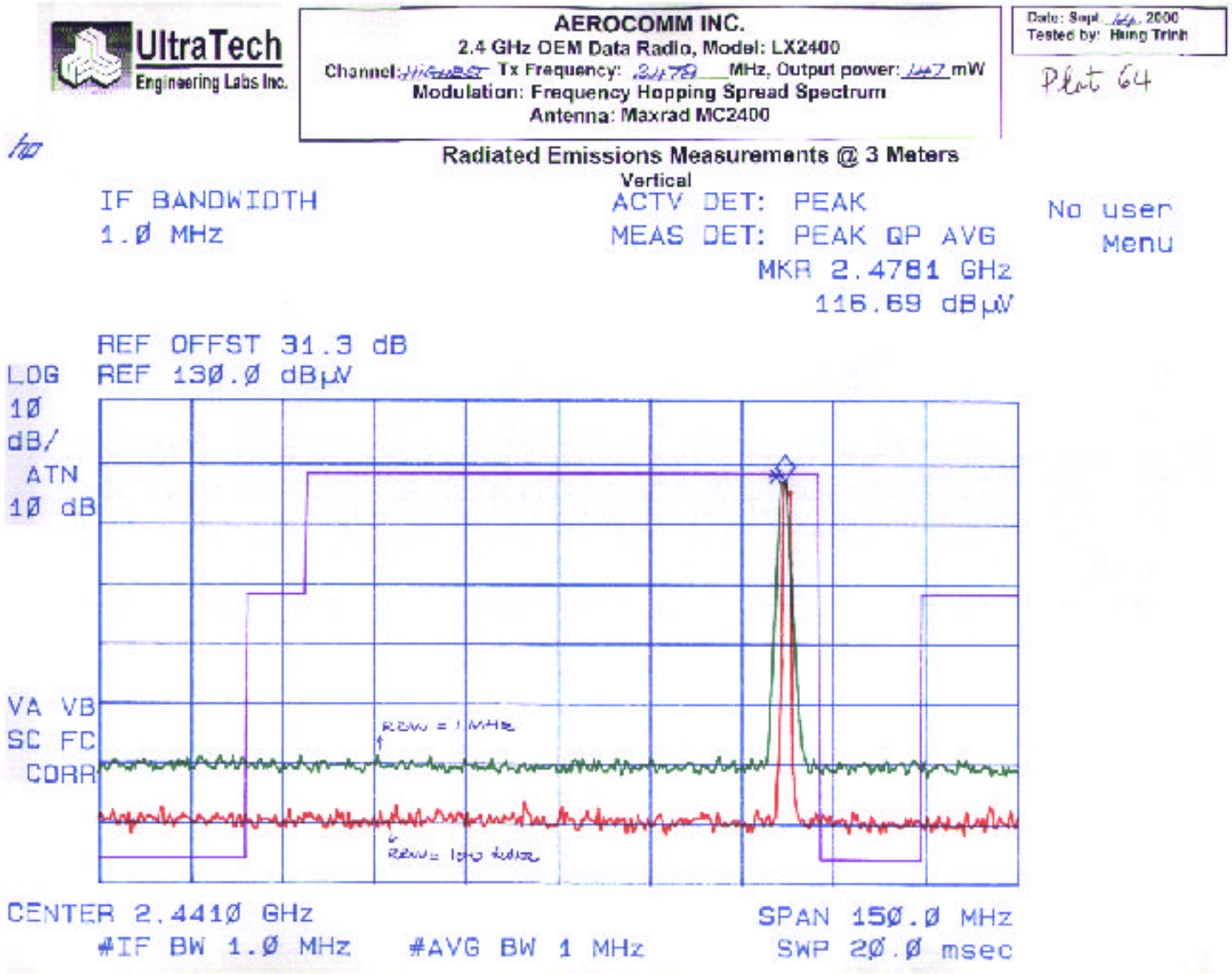
AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: Highest Tx Frequency: 2478 MHz, Output power: 147 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Maxrad MC2400

Date: Sept. 4th, 2000
Tested by: Hung Trinh

Plot C3

Radiated Emissions Measurements @ 3 Meters
Horizontal




UltraTech
Engineering Labs Inc.
AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: Highest Tx Frequency: 2479 MHz, Output power: 147 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Maxrad MC2400
Date: Sept. 6th, 2000
Tested by: Hung Trinh
Plot 64
Radiated Emissions Measurements @ 3 Meters
Vertical
IF BANDWIDTH
1.Ø MHz
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4781 GHz
116.69 dBµV
No user
Menu
REF OFFST 31.3 dB
LOG REF 13Ø.Ø dBµV
1Ø
dB/
ATN
1Ø dB
VA VB
SC FC
CORR
CENTER 2.441Ø GHz
#IF BW 1.Ø MHz
#AVG BW 1 MHz
SPAN 15Ø.Ø MHz
SWP 2Ø.Ø msec

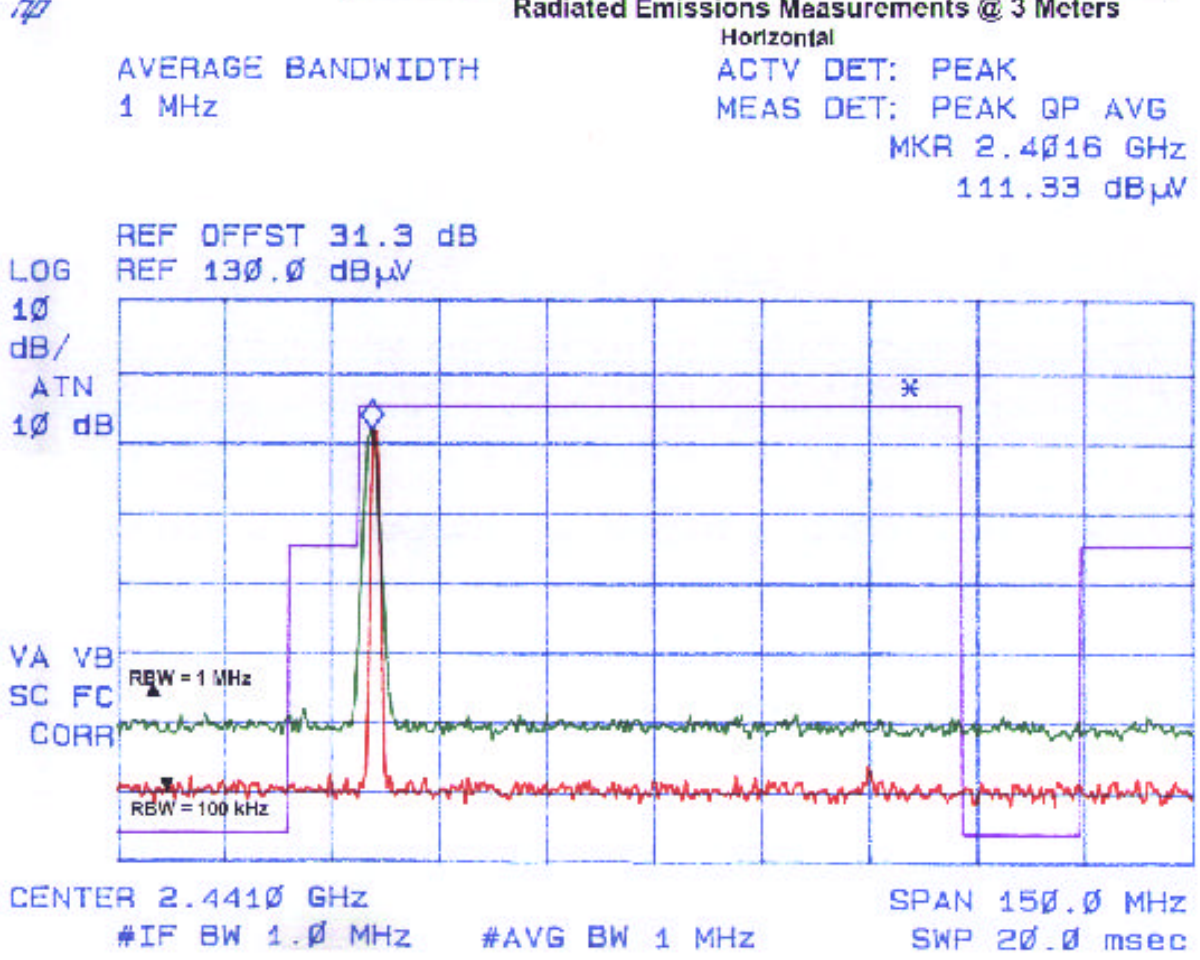
UltraTech Engineering Labs Inc.

AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: Lowest Tx Frequency: 2402 MHz, Output power: 13.5 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Aerocomm NZH2400

Date: Sept. 14, 2000
Tested by: Hung Trinh

Plot 65

Radiated Emissions Measurements @ 3 Meters
Horizontal



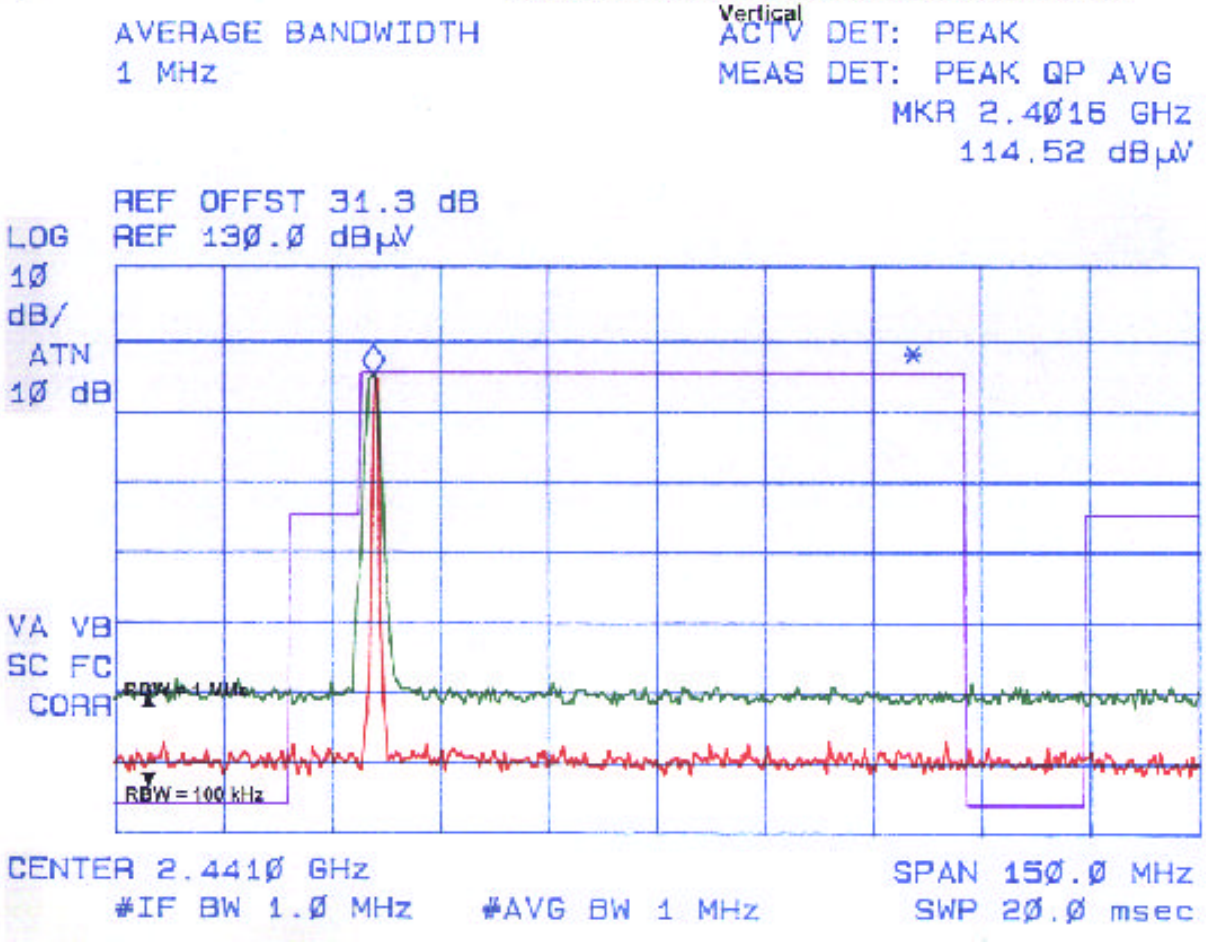
UltraTech Engineering Labs Inc.

AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: LOWEST Tx Frequency: 2402 MHz, Output power: 133 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Aerocomm NZH2400

Date: Sept. 14, 2000
Tested by: Hung Trinh

Plot 6L

Radiated Emissions Measurements @ 3 Meters



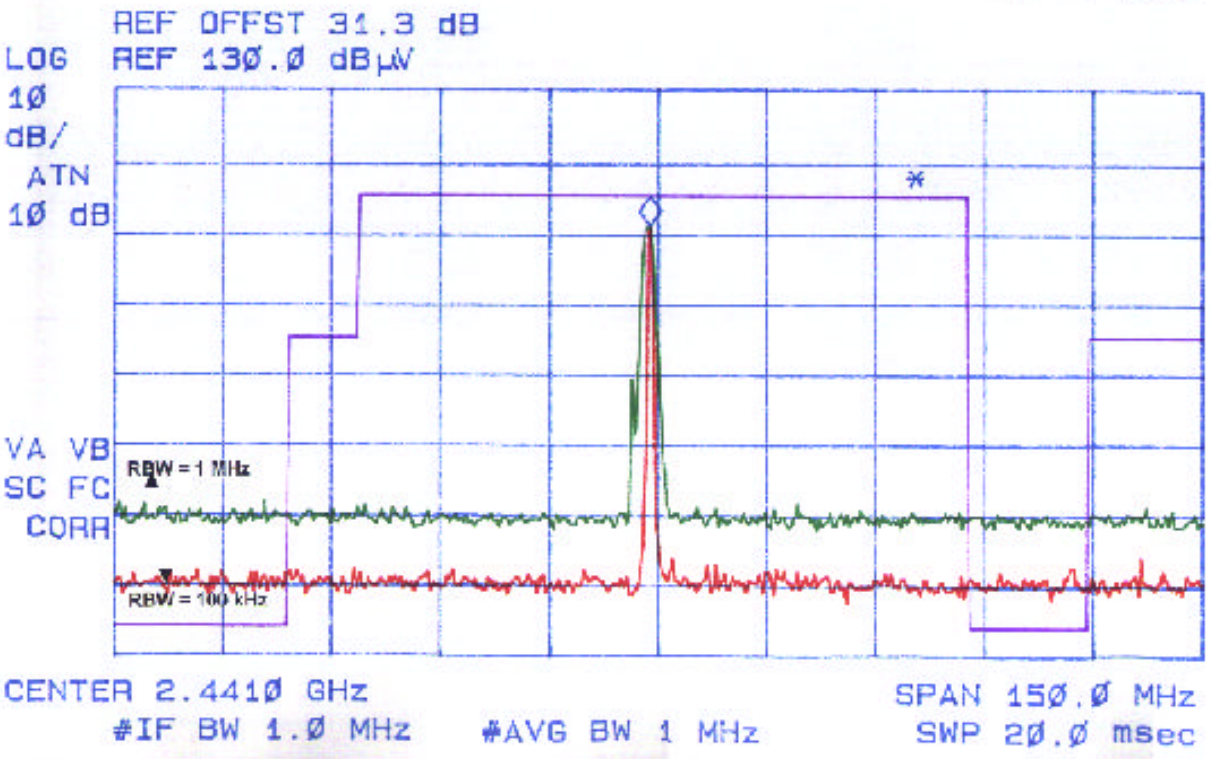
UltraTech Engineering Labs Inc.

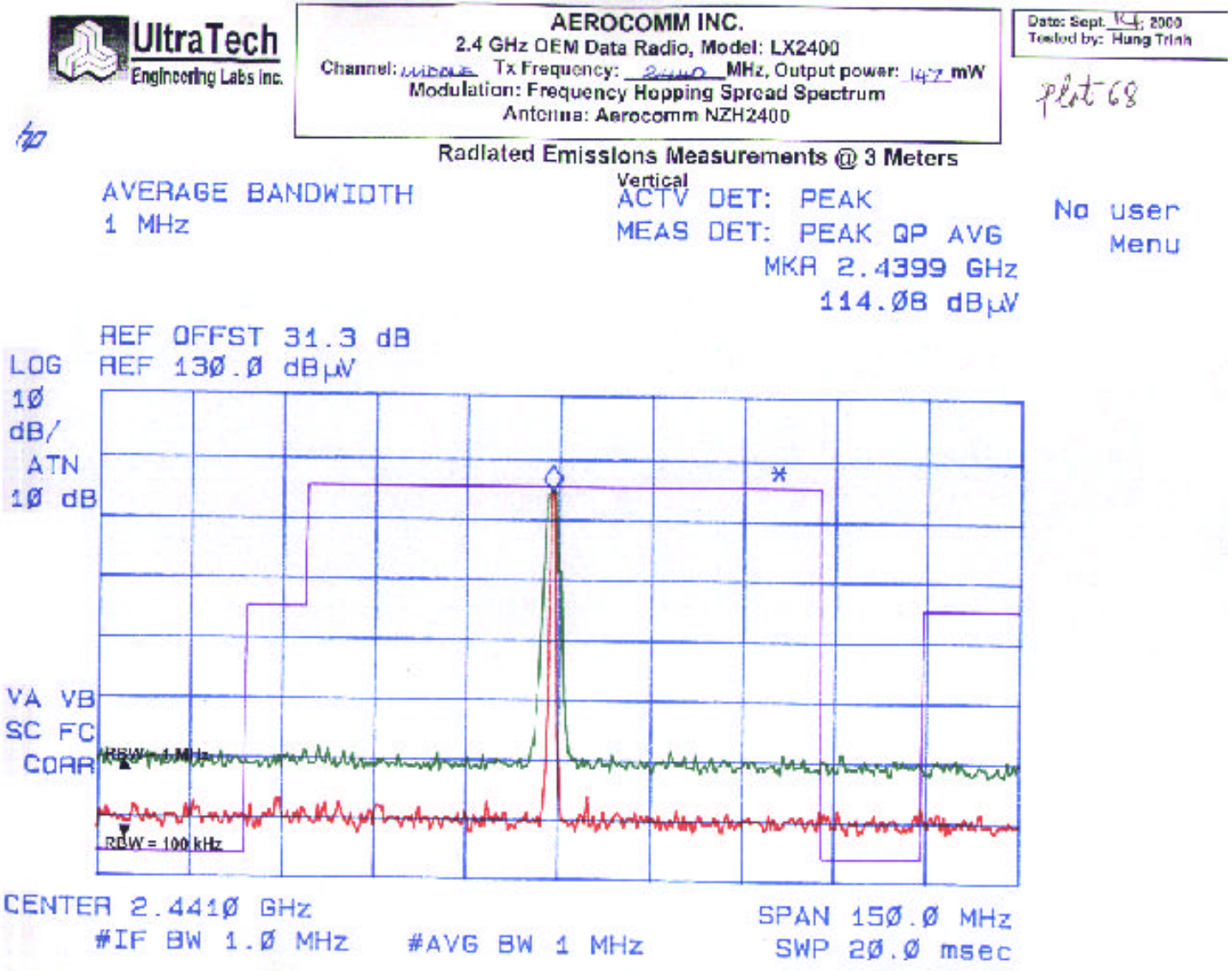
AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: middle Tx Frequency: 2441.0 MHz, Output power: 114.7 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Aerocomm NZH2400

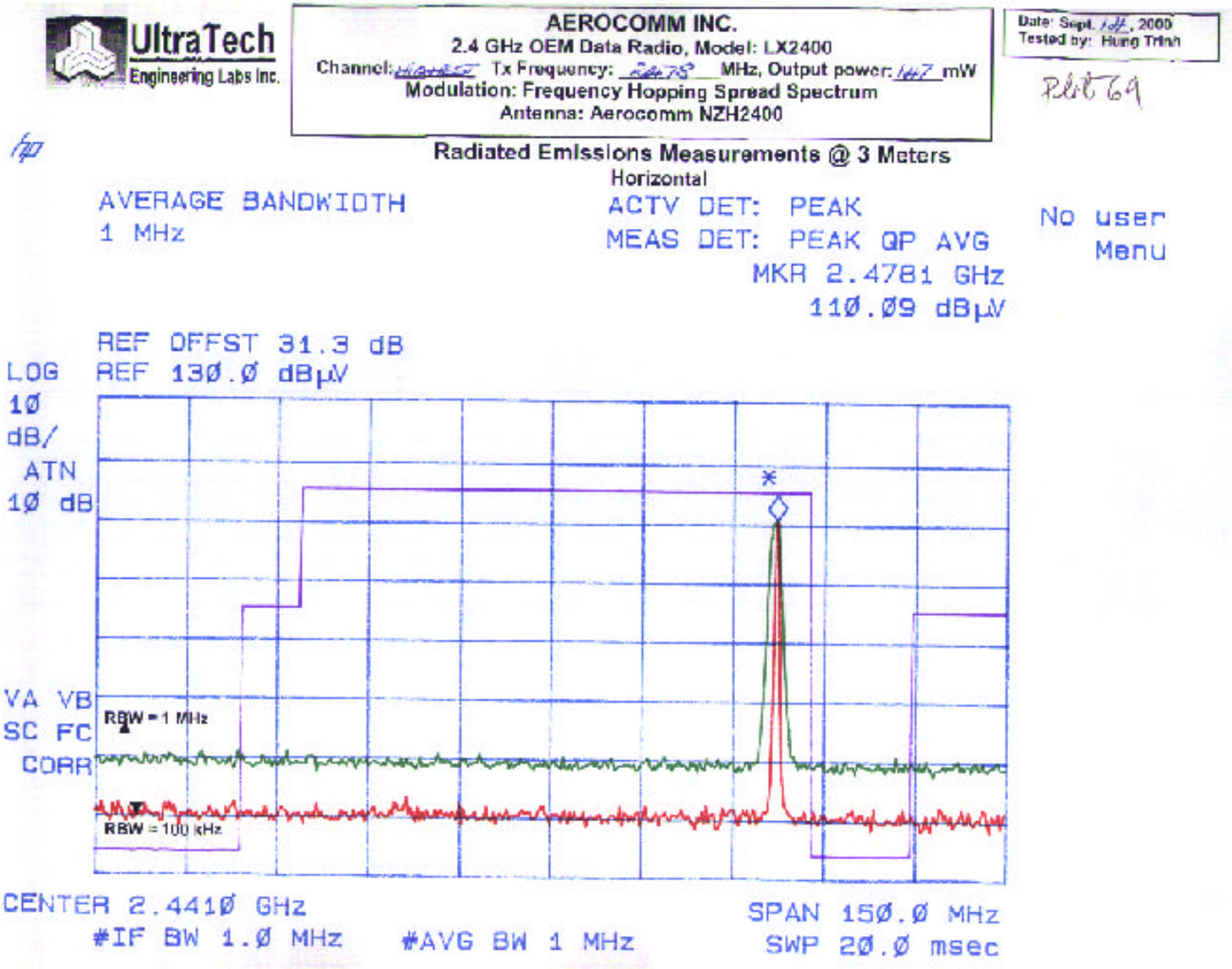
Date: Sept. 14, 2000
Tested by: Hung Trinh

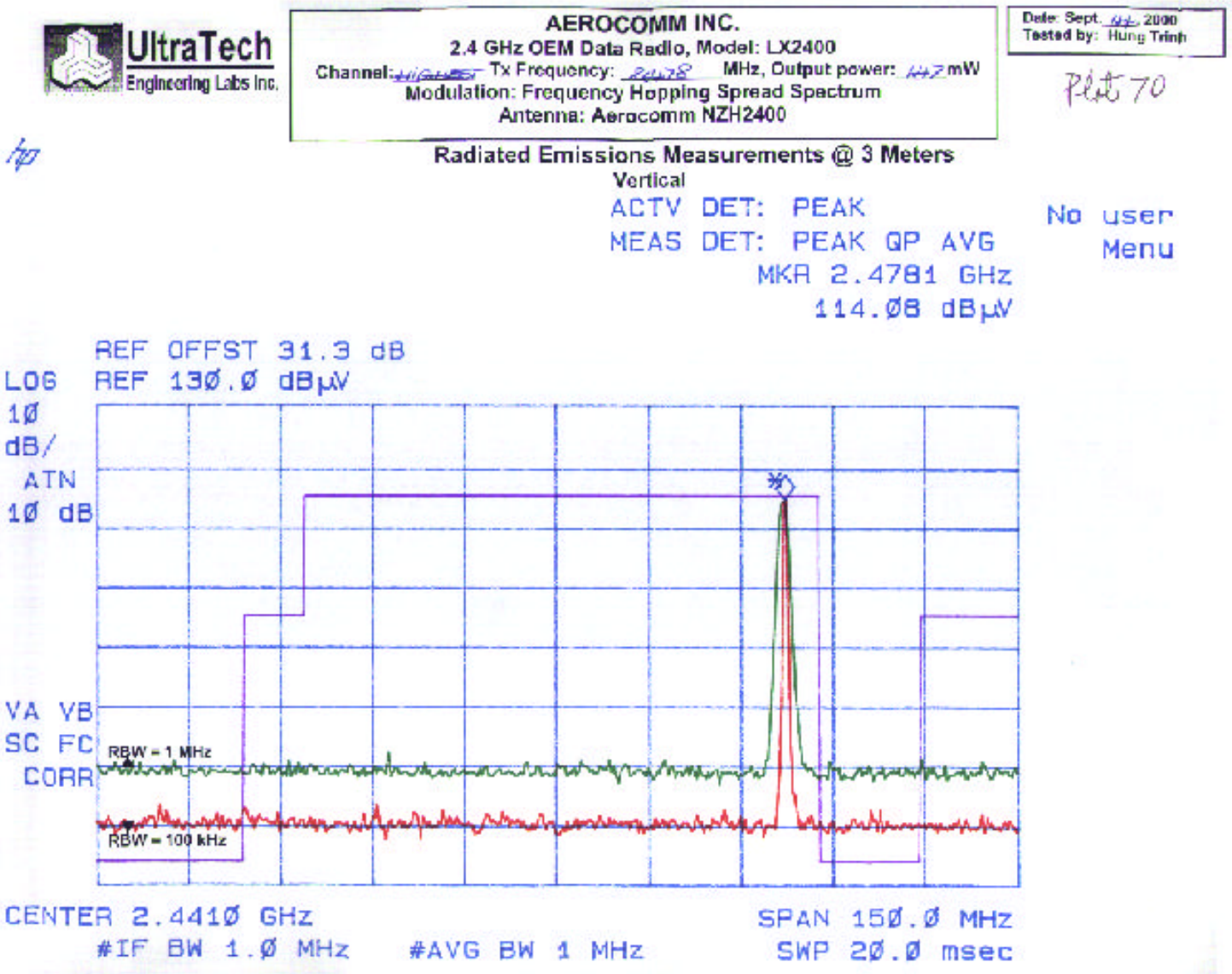
Plot. 67

Radiated Emissions Measurements @ 3 Meters
Horizontal




UltraTech
Engineering Labs Inc.
AEROCOMM INC.
2.4 GHz OEM Data Radio, Model: LX2400
Channel: middle Tx Frequency: 2440 MHz, Output power: 142 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Aerocomm NZH2400
Date: Sept. 14, 2000
Tested by: Hung Trinh
plot 68
Radiated Emissions Measurements @ 3 Meters
Vertical
AVERAGE BANDWIDTH
1 MHz
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4399 GHz
114.08 dBµV
No user Menu
REF OFFST 31.3 dB
REF 130.0 dBµV
LOG
10
dB/
ATN
10 dB
VA VB
SC FC
CORR
RBW = 1 MHz
RBW = 100 kHz
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: LX2400
Channel: Tx Frequency: MHz, Output power: mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Aerocomm NZH2400
Date: Sept. , 2000
Tested by: Hung Trinh
Plot 69
Radiated Emissions Measurements @ 3 Meters
Horizontal
AVERAGE BANDWIDTH
1 MHz
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4781 GHz
110.09 dBµV
No user Menu
REF OFFST 31.3 dB
LOG REF 130.0 dBµV
10 dB/
ATN 10 dB
VA VB
SC FC
CORR
RBW = 1 MHz
RBW = 100 kHz
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: LX2400
Channel: Tx Frequency: MHz, Output power: mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Aerocomm NZH2400
Date: Sept. 2000
Tested by: Hung Trinh
Plot 70
Radiated Emissions Measurements @ 3 Meters
Vertical
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4781 GHz
114.08 dBµV
No user Menu
REF OFFST 31.3 dB
LOG REF 130.0 dBµV
10 dB/
ATN 10 dB
VA VB
SC FC
CORR
RBW = 1 MHz
RBW = 100 kHz
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: LX2400
Channel: Lowest Tx Frequency: 2402 MHz, Output power: 153 mW
Modulation: Frequency Hopping Spread Spectrum
Antenna: Centurion WCP2400

Date: Sept. 14, 2000
Tested by: Hung Trinh

Plot 71

Radiated Emissions Measurements @ 3 Meters
Horizontal