

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: Lower Tx Frequency: 2408 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S131CL-5-RMM-2450S Antenna

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Radiated Emissions Measurements @ 3 Meters

Vertical

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

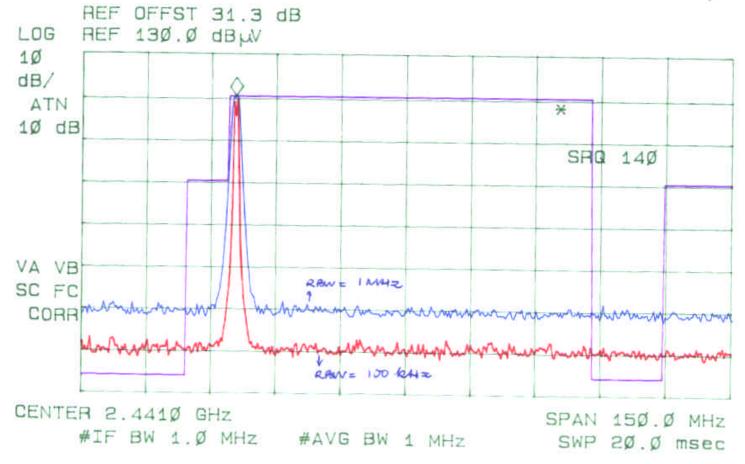
MKR 2.4Ø16 GHz

119.94 dBW

No user Menu

Date: Sept. _______, 2000

Tested by: Hung Trinh





2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: _______ Tx Frequency: _______ MHz, Output power: __/SD mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S131CL-5-RMM-2450S Antenna

M

Radiated Emissions Measurements @ 3 Meters

Horizontal

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4Ø16 GHz

119.49 dBW

Date: Sept. 12, 2000

Tested by: Hung Trinh

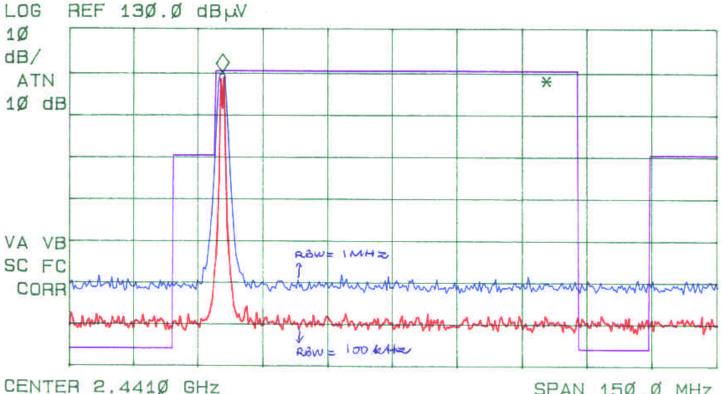
No user

Menu

AVERAGE BANDWIDTH

1 MHz

REF OFFST 31.3 dB



CENTER 2.441Ø GHZ

#IF BW 1.0 MHz #AVG BW 1 MHz

SPAN 15Ø.Ø MHz SWP 2Ø.Ø msec

EXHIBIT 9 - TEST DATA PLOTS SPURIOUS EMISSIONS (RADIATED @ 3 METERS) PLOT 33 OF 49 FCC ID: KQL-PKLR2400-200



2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: 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

No user

Menu

hp

Radiated Emissions Measurements @ 3 Meters

Vertical

ACTV DET: PEAK

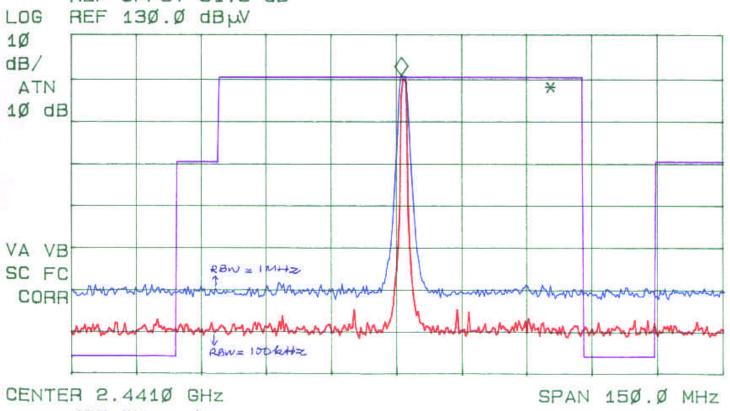
MEAS DET: PEAK QP AVG

MKR 2.4421 GHz

12Ø.26 dBW

AVERAGE BANDWIDTH 1 MHz

REF OFFST 31.3 dB



#IF BW 1.0 MHz #AVG BW 1 MHz

SWP 20.0 msec



AVERAGE BANDWIDTH

AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MINDLE Tx Frequency: AML, Output power: 181 mW

Modulation: Frequency Hopping Spread Spectrum

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

Radiated Emissions Measurements @ 3 Meters

Horizontal

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

116.44 dBW

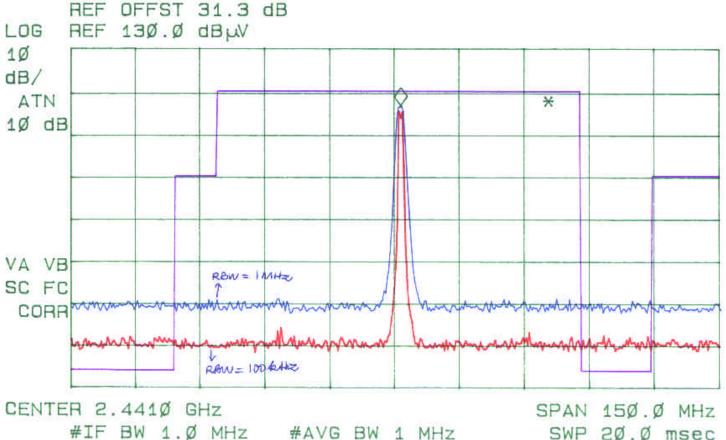
Date: Sept. 12, 2000

Tested by: Hung Trinh

No user

Menu

MKR 2.4425 GHz



SWP 20.0 msec



2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: HIGHEST Tx Frequency: 2478 MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S131CL-5-RMM-2450S Antenna

M

Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH 1 MHz

Vertical ACTV DET:

PEAK

MEAS DET: PEAK QP AVG

MKR 2.4781 GHz

120.64 dBW

Date: Sept. 12, 2000

Tested by: Hung Trinh

No user

Menu

REF OFFST 31.3 dB LOG REF 130.0 dBW 10 dB/ ATN 10 dB VA VB RBW= I MHZ SC FC CORR RBW = 100 KHZ CENTER 2.4410 GHz SPAN 15Ø.Ø 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: High STTx Frequency: RALTS MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S131CL-5-RMM-2450S Antenna

Date: Sept. /2, 2000 Tested by: Hung Trinh

No user

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Radiated Emissions Measurements @ 3 Meters

Horizontal

ACTV DET: PEAK

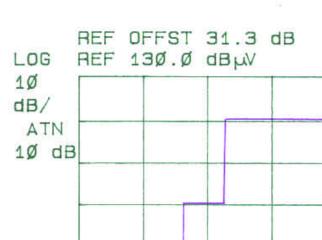
MEAS DET: PEAK QP AVG

MKR 2.4781 GHz

117.40 dBW

VA VB

SC FC CORR



RBW = IMHZ

RBW = 100 KHZ

AVERAGE BANDWIDTH

CENTER 2.4410 GHz

#IF BW 1.0 MHz #AVG BW 1 MHz

SPAN 15Ø.Ø MHz SWP 20.0 msec



AVERAGE BANDWIDTH

AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: 10W55T Tx Frequency: 2402 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

No user

Menu

M

Radiated Emissions Measurements @ 3 Meters

Vertical

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

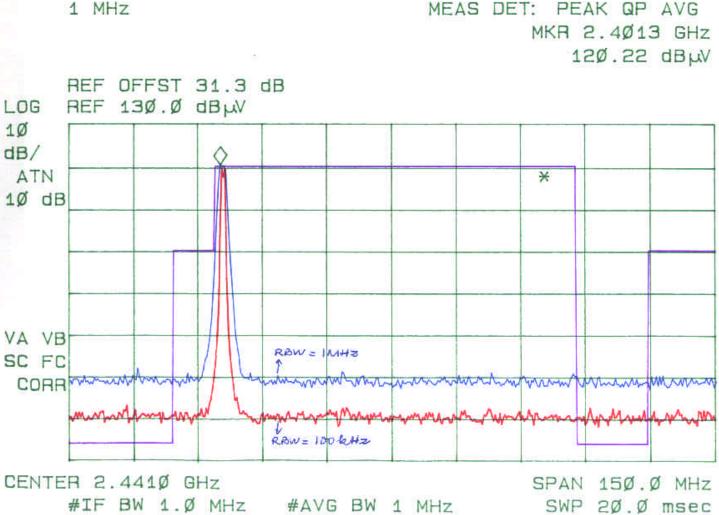


EXHIBIT 9 - TEST DATA PLOTS SPURIOUS EMISSIONS (RADIATED @ 3 METERS)

PLOT 38 OF 49 FCC ID: KQL-PKLR2400-200



2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: 10WEST Tx Frequency: 24 02 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S181FL-5-RMM-2450S Antenna

nna: Nearson S181FL-5-RMM-2450S A

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

No user

Menu

M

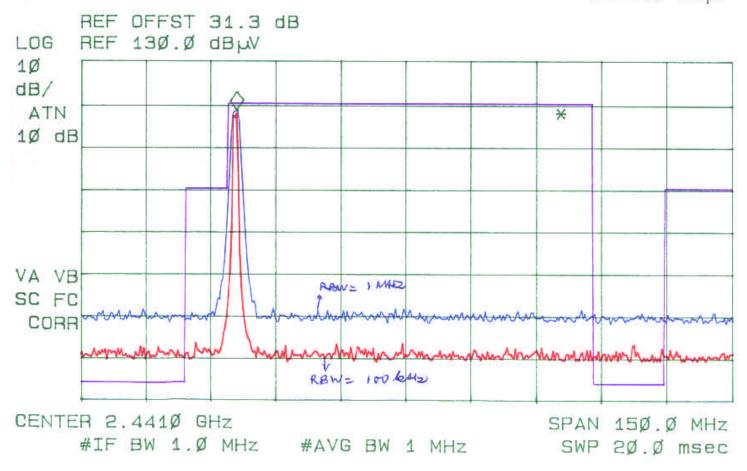
Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH 1 MHz Horizontal ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4020 GHz

118.32 dBW





2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MHz, Output power: 18/ mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S181FL-5-RMM-2450S Antenna

M

Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH 1 MHz

Vertical ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4421 GHz

121.8Ø dBW

REF OFFST 31.3 dB LOG REF 130.0 dBW 1Ø dB/ ATN 10 dB VA VB RBW= IMHZ SC FC CORR ROW= 100 RHZ

CENTER 2.441Ø GHz

#IF BW 1.0 MHz #AVG BW 1 MHz

SPAN 150.0 MHz SWP 20.0 msec

EXHIBIT 9 - TEST DATA PLOTS SPURIOUS EMISSIONS (RADIATED @ 3 METERS)

PLOT 40 OF 49 FCC ID: KQL-PKLR2400-200

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

No user

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2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MIDDLE Tx Frequency: RALL MHz, Output power: 18/ mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S181FL-5-RMM-2450S Antenna Date: Sept. 12, 2000 Tested by: Hung Trinh

No user

Menu

M

Radiated Emissions Measurements @ 3 Meters Horizontal

AVERAGE BANDWIDTH 1 MHz ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4425 GHz

SWP 20.0 msec

119.33 dBW

REF OFFST 31.3 dB LOG REF 130.0 dBW 1Ø dB/ ATN 1Ø dB VA VB RAW = IMHZ SC FC CORR RBW= 100 KHZ CENTER 2.441Ø GHz SPAN 150.0 MHz

#IF BW 1.0 MHz #AVG BW 1 MHz

EXHIBIT 9 - TEST DATA PLOTS SPURIOUS EMISSIONS (RADIATED @ 3 METERS) PLOT 41 OF 49 FCC ID: KQL-PKLR2400-200



AVERAGE BANDWIDTH

AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: HIGHEST Tx Frequency: 2478 MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S181FL-5-RMM-2450S Antenna Date: Sept. 2000 Tested by: Hung Trinh

No user

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hp

Radiated Emissions Measurements @ 3 Meters

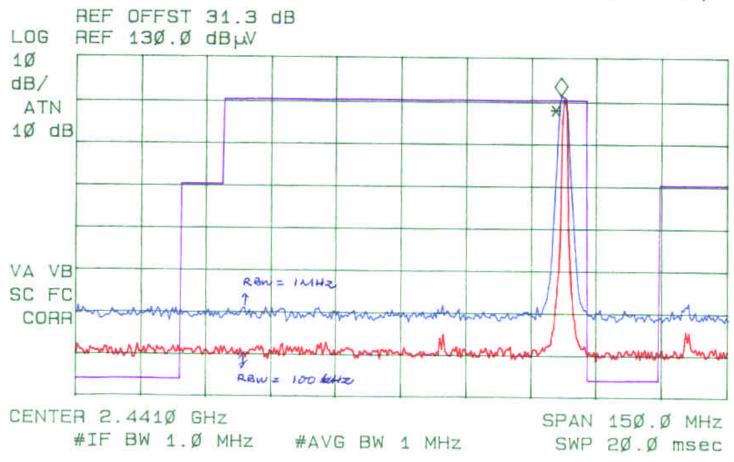
Vertical

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4778 GHz

12Ø.98 dB W





2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: 410415 Tx Frequency: ______MHz, Output power: _____MW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S181FL-5-RMM-2450S Antenna

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Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH 1 MHz Horizontal ACTV DET: PEAK

MEAS DET: PEAK QP AVG

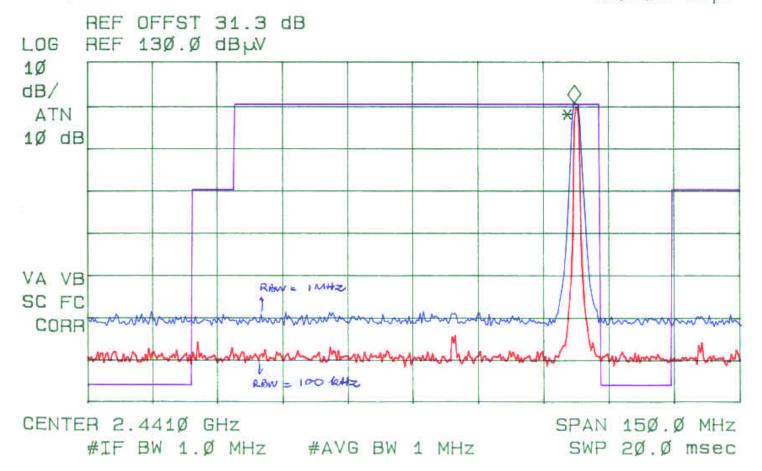
MKR 2.4781 GHz

12Ø. Ø9 dBW

No user Menu

Date: Sept. 1,2, 2000

Tested by: Hung Trinh





2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: LOWEST Tx Frequency: 2408 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S191FL-5-RMM-2450S Antenna

Radiated Emissions Measurements @ 3 Meters

Vertical ACTV DET:

PEAK

MEAS DET: PEAK QP AVG

MKR 2.4009 GHz

118.66 dBW

Date: Sept. 12, 2000

Tested by: Hung Trinh

No user

Menu

REF OFFST 31.3 dB REF 128.3 dBW LOG 10 dB/ D= 0.7 dB ATN 1Ø dB VA VB RAW= 1 WHHE SC FC CORR RAW= 100 Kette CENTER 2.4410 GHz SPAN 150.0 MHz #IF BW 1.0 MHz #AVG BW 1 MHz SWP 20.0 msec



2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: 10 Tx Frequency: 2402 MHz, Output power: 180 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S191FL-5-RMM-2450S Antenna

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Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH 1 MHz Horizontal ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4Ø13 GHz

119.56 dBW

Date: Sept. 12, 2000

Tested by: Hung Trinh

No user

Menu

REF OFFST 31.3 dB REF 130.0 dBW LOG 10 dB/ ATN × 1Ø dB VA VB RBW = INHZ SC FC CORR 100 kHz ABW = CENTER 2.4410 GHz SPAN 15Ø.Ø MHz #IF BW 1.0 MHz #AVG BW 1 MHz SWP 20.0 msec



2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MHz, Output power: 18/ mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S191FL-5-RMM-2450S Antenna Date: Sept. /2, 2000 Tested by: Hung Trinh

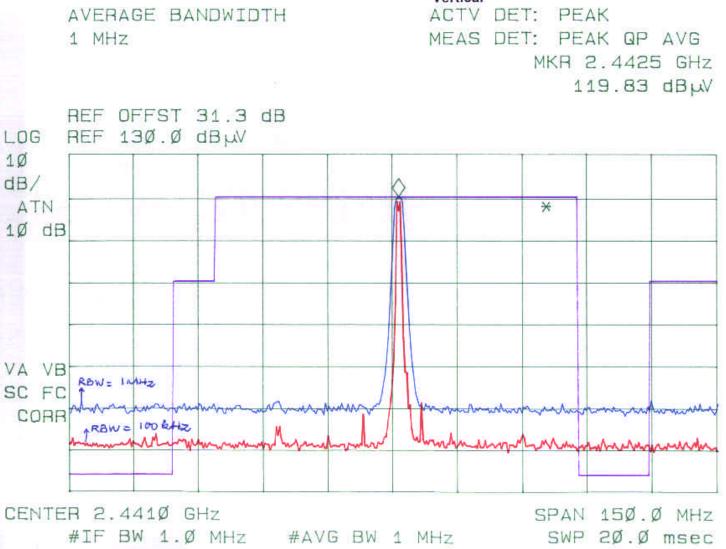
No user

Menu

M

Radiated Emissions Measurements @ 3 Meters

Vertical





AVERAGE BANDWIDTH

AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: MDDKE Tx Frequency: RHz, Output power: 181 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S191FL-5-RMM-2450S Antenna

M

Radiated Emissions Measurements @ 3 Meters

Horizontal

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

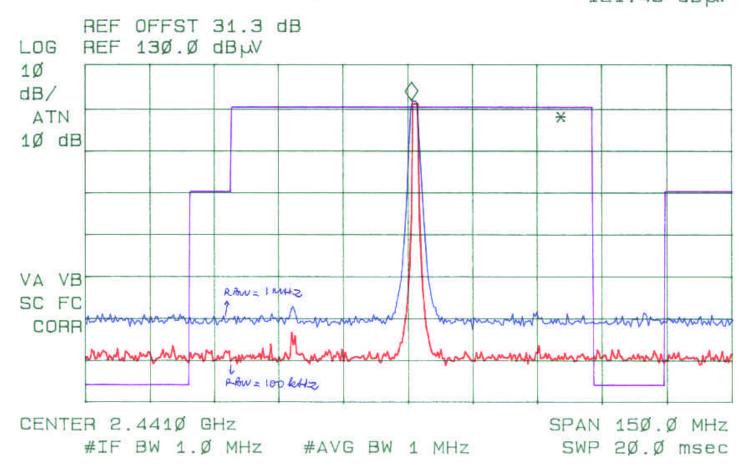
MKR 2.4418 GHz

121.43 dBW

No user Menu

Date: Sept. 12, 2000

Tested by: Hung Trinh





2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: Highest Tx Frequency: RHT8 MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S191FL-5-RMM-2450S Antenna Date: Sept. /2, 2000 Tested by: Hung Trinh

No user

Menu

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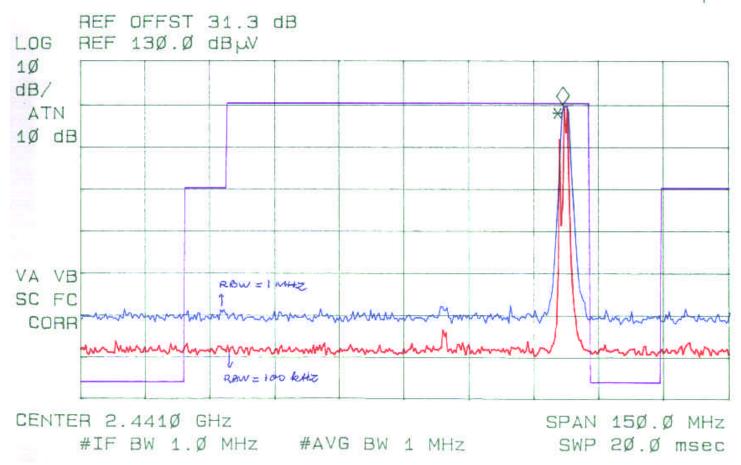
Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH 1 MHz Vertical ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4778 GHz

119.48 dBW





2.4 GHz OEM Data Radio, Model: PKLR2400

Channel: Hight Tx Frequency: 2478 MHz, Output power: 198 mW

Modulation: Frequency Hopping Spread Spectrum Antenna: Nearson S191FL-5-RMM-2450S Antenna Date: Sept. 2000 Tested by: Hung Trinh

No user

Menu

M

Radiated Emissions Measurements @ 3 Meters

AVERAGE BANDWIDTH 1 MHz ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 2.4785 GHz

119.53 dBW

