



**UltraTech**  
Engineering Labs Inc.

**AEROCOMM INC.**

2.4 GHz OEM Data Radio, Model: LX2400

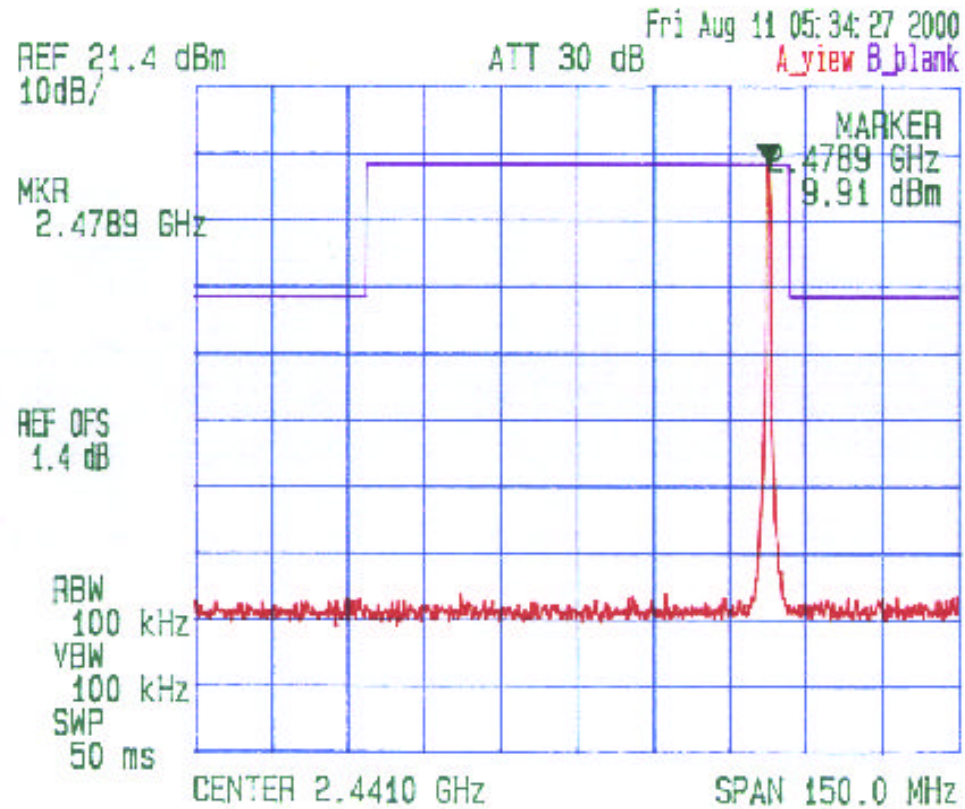
Channel: ~~HighES~~ Tx Frequency: 2.479 MHz, Output power: 9.4 mW

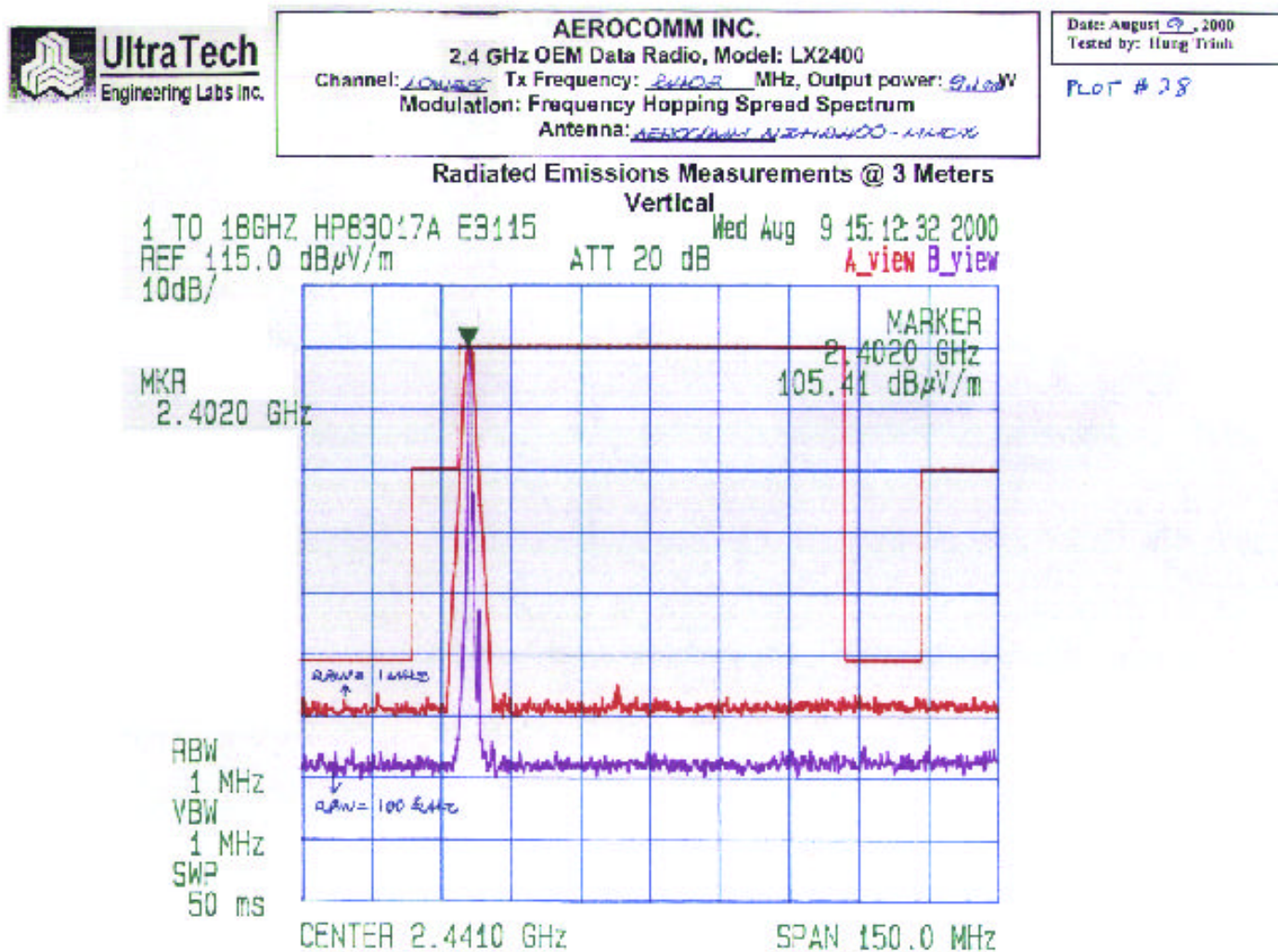
Modulation: Frequency Hopping Spread Spectrum

SPURIOUS RF CONDUCTED EMISSIONS

Date: August 11, 2000  
Tested by: Huag Trinh

Plot # 21







**UltraTech**  
Engineering Labs Inc.

**AEROCOMM INC.**

2.4 GHz OEM Data Radio, Model: LX2400

Channel: LOWEST Tx Frequency: 2400 MHz, Output power: 9.1mW

Modulation: Frequency Hopping Spread Spectrum

Antenna: AEROCOMM NCH2400 - MIMODate: August 9, 2000Tested by: Hung Trinh

PLOT #29

**Radiated Emissions Measurements @ 3 Meters**

Horizontal

1 TO 186MHz HP83017A E3115

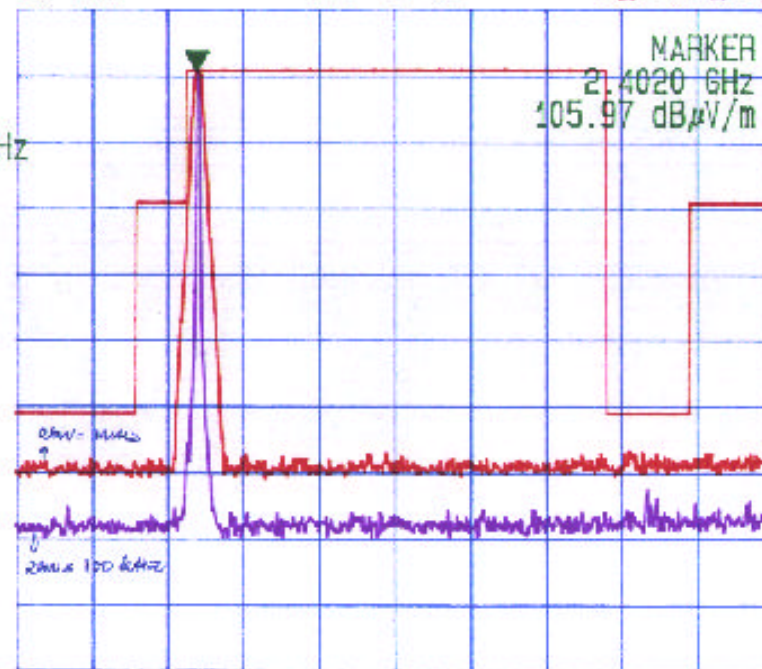
Wed Aug 9 16:24:46 2000

REF 115.0 dB $\mu$ V/m

ATT 20 dB

A\_view B\_view

10dB/

MKR  
2.4020 GHzMARKER  
2.4020 GHz  
105.97 dB $\mu$ V/mRBW  
1 MHz  
VBW  
1 MHz  
SWP  
50 ms

CENTER 2.4410 GHz

SPAN 150.0 MHz



**UltraTech**  
Engineering Labs Inc.

### AEROCOMM INC.

2.4 GHz OEM Data Radio, Model: LX2400

Channel: LOWEST Tx Frequency: 2.402 MHz, Output power: 9.15 W

Modulation: Frequency Hopping Spread Spectrum

Antenna: AEROCOMM LX2400 - MATCH

Date: August 9, 2000  
Tested by: Hung Trinh

Plot # 28

### Radiated Emissions Measurements @ 3 Meters

Vertical

1 TO 18GHz HP83017A E3115

Wed Aug 9 15:12:32 2000

REF 115.0 dB $\mu$ V/m

ATT 20 dB

A\_view B\_view

10dB/

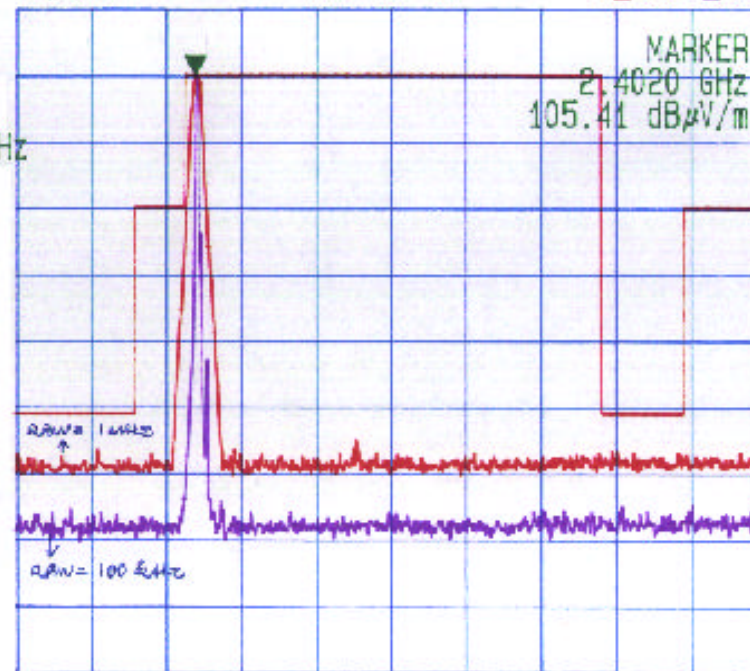
MKR

2.4020 GHz

MARKER

2.4020 GHz

105.41 dB $\mu$ V/m



RBW

1 MHz

VBW

1 MHz

SWP

50 ms

CENTER 2.4410 GHz

SPAN 150.0 MHz