

# Radiofrequency Electromagnetic Field Exposure Report

KVLK Milan, NM

FIN: 122812

89.5 MHz

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## Introduction

The licensee for the KVLK license (file number BLED-20100601AIT) is Educational Media Foundation. Per license condition #3, if any changes in the facilities are made in accordance with 47 CFR section 73.1690(c) the licensee must demonstrate continued compliance with FCC radiofrequency electromagnetic field exposure guidelines. The KVLK antenna was replaced with a Nicom BKG-77 antenna due to an antenna failure that was unable to be repaired. John Chidester, a consulting engineer, completed the KVLK RF Exposure Study using a Narda NBM550 instrument which properly analyzes exposure limits per the requirements of OET-65. Measurements were taken while slowly moving the probe between approximately 2 and 8 feet above ground, as well as side-to-side while walking to and from each measurement point. If an area had higher than average readings, further investigation was conducted to determine the extent of the area.

## Equipment

- Narda NBM-550 Serial # A-0227
- Date of Calibration: 2/13/2014
- Antenna Type: EA5091 Serial # 01018

## Summary

KVLK was confirmed to be operating at 100% ERP at the time of measurements. Measurement points were recorded throughout the accessible areas of the facility.

No areas were found that are over 100% of the uncontrolled limits of OET-65. Therefore, KVLK fully complies with the FCC's maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

# Drawings

## KVLK RF Exposure Measurement Area

