

# Radiofrequency Electromagnetic Field Exposure Report

KLMD Talent, OR

FIN: 166023

101.1 MHz

November 2, 2016

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## Introduction

The permittee for the KLMD construction permit (file number BMPED-20160107AAL) is Educational Media Foundation. Per special operating condition #4, the permittee/licensee shall, upon completion of construction and during the equipment test period, make proper radiofrequency electromagnetic (RF) field strength measurements throughout the transmitter site area to determine if there are any areas that exceed the FCC guidelines for human exposure to RF fields. Bill Schey, an EMF Engineer, completed the KLMD RF Exposure Study using a Narda NBM550 instrument which properly analyzes RF 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
- Antenna Type: EA5091 Serial # 01018

## Summary

KLMD 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, KLMD fully complies with the FCC's maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

# Drawings

## KLMD RF Exposure Measurement Area

