



TNT

Broadcast and Telecommunications Contractors Inc.

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KTEP Radio RFR Survey

Franklin Mountain on the South Slope

El Paso, Texas

TNT Broadcast and Telecommunications Contractors Inc. was hired by KTEP Radio to survey their transmitter site for compliance with regard to human exposure to Radio Frequency Energy. The following report pertains to that survey.

At the site of KTEP-FM, there is a total of three high power sources of VHF RF radiation:

Call	Channel	Frequency	ERP
KTEP-FM	203	88.5 MHz	100 Kw
KCOS-TV	13	213 MHz	224 Kw
KCOS-DT	30		400 Kw
K48IK	48	675 MHz	150 Kw

While the measurements were being made, each facility was operating normally at full power. The Equipment used for this survey is as follows:

NARDA 8616 Broadband Isotropic Meter

NARDA 8621 High Frequency Probe

NARDA 8631 Low Frequency Probe

At all times, the manufactures instructions and calibration constants were used.

The ANSI RFR guidelines for human exposure (maximum permissible exposure) in the frequency range of 30-300 MHz is one milliwatt per square centimeter for controlled environments and .2 milliwatts per square centimeter for uncontrolled Environments. The State of Texas has its own RFR standard of <10 milliwatts per centimeter squared from 10 MHz- 100 Ghz. There is no known City of El Paso standard.

The area around the KTEP tower that is considered uncontrolled, was surveyed using the RFR instrument and both E and H field probes. This is the area coming up the mountain up to the locked gate. At no time was any RF level above .2 mw/cm squared limit.

The area around KTEP tower that is considered controlled, was thoroughly surveyed using the instrument and both E and H field probes. Controlled exposure areas were considered to be beyond the locked gate, around the tower and inside the building. All areas accessible to the KTEP personnel were surveyed, which included the areas around the KTEP transmitter and the KCOS transmitter. At no time were RF levels in excess of 1 mw/cm squared limit. The tower area above 20 feet was not surveyed. This is also not a normal work area for KTEP personnel. The area of the tower above 20 feet is assumed to be above the ANSI standard RF exposure hazards when tower/antenna maintenance is performed.

The measurements were made by the undersigned 3/31/05, between 11am and 1 pm.

Summary

Based on this survey, there is no RFR risk to the general public in publicly accessible areas. There also is no RFR risk to KTEP employees in the normal performance of their duties at the KTEP transmitter site.

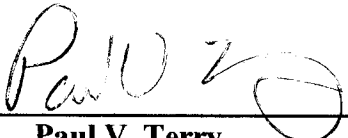
Affidavit of Qualifications

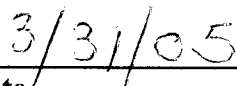
State OF TEXAS:

COUNTY OF El Paso,

Paul V. Terry, being first sworn upon his oath, states that:

- 1. He has been engaged in broadcast technology since 1995.**
- 2. He is a President of firm of TNT Broadcast & Telecommunications Contractors Inc. of El Paso, TX.**
- 3. He made the RFR measurements contained in this document, and that he is familiar with the proper and normally accepted procedures for making such measurements, as well as the use of the measurement equipment.**
- 4. TNT has been retained by KTEP Radio to prepare the attached report.**
- 5. The above statements and all statements contained in the attached material are true of his own knowledge and belief, and as to such statements made on belief, he believes them to be true.**



Paul V. Terry


Date