

Affidavit of Compliance – RFR & Antenna Installation (2 pages)
Call Sign: KRRT; Facility ID 94047
Permit File Number: BMPED-20101019ACK
Ch 215 / 90.9 MHz.
Calculated Max. ERP: 5.1KW(H) (pattern/azimuth dependent)
Arroyo Seco, NM

Date of Inspection/Survey: 27 Jan 12
Conducted By Michael A Stark
Professional Broadcast Engineer
FCC license PG-15-12764
NARTE Cert. E1-000981

A.) Site description:

This facility employs a two log-periodic directional array (see separate Alinina exhibit and item C, below) mounted at 27 meters AGL (measured optically) on a steel self-supporting tower located at N 36-23-51.9 / 105-32-37.6 W (measured via GPS for verification).

Access to the site is across restricted U.S. Forest Service land and via two locked private gate. The first locking gate is in a U.S. Forest Service fence at 2.2 miles from the tower. The second locking gate, also in a U.S. Forest Service fence, is 0.6 miles from the tower. This second gate denies all but occupational access to the site. The second gate closes the only viable access to the hill-top site, and blocks use of the (unimproved) U.S. Forest Service dirt” jeep” trail of roughly 0.6 miles in length.

Due to the access across federal land, the locked gates, and steep slopes of the hill-top on which the site is located, access to the general area by the public at large is difficult, if not impossible.

RFR Evaluation

1.) Methodology:

Elevations AGL measured via GPS and barometrically.

Azimuth verified by an independent Surveyor (separate exhibit, attached)

Geographic location measured via GPS receiver

RFR (Radio Frequency Radiation) exposure potentials measured using;

A field survey system consisting of a NARDA Model 8718B field meter with probe (model A8722D). Measurements were made through 360 degrees circumference at a radius of approximately 75 meters from the tower base. All sweeps were conducted from just above ground level to approximately 2.5 meters AGL.

2.) Results:

Within the defined area, levels did not exceed maximums for public exposure as defined in FCC OET 65.

3.) Conclusion:

This site is in full compliance with the conditions specified in its construction permit, and is compliant with both the letter and the spirit of FCC OET 65 requirements.

B.) Qualifications of Author:

I am a fully licensed and certified professional broadcast engineer, and have been practicing the trade for 40 years.

C.) Further certification of installation:

I personally supervised the installation of the antenna system for this facility, and certify that its installation was in full compliance with the manufacturer's specifications.

Signed:



Michael A. Stark
Albuquerque, New Mexico