

Affidavit of Compliance – RFR & Antenna Installation
Call Sign: KRRE; Facility ID 122283
Permit File Number: BPED-20160401AYW
Ch 220 / 91.9 MHz.
Calculated Max. ERP: 0.100KW (pattern/azimuth dependent)
Las Vegas, NM

Date of Inspection/Survey: 14 June, 2016
Conducted By:
Charles A. Williams, KUNM Chief Engineer
Dan Zillich, KNME Chief Engineer
Professional Broadcast Engineer
CBTE, 8-VSB

A.) Site description:

This facility employs a one bay directional array (see separate Jampro exhibit) mounted at 28.35 meters AGL (measured optically) on a steel self-supporting tower located at N 35° 36' 12.8" / 105° 15' 32.3" W (measured via GPS for verification). Access to the site is across private land and via private gate that closes the only viable access to the ridge-top site, and blocks use of the unimproved private dirt jeep trail of roughly 3 Kilometers in length. Due to the access across private land, locked gate, and steep slopes of the ridge-top on which the site is located, access to the general area by the public at large is difficult.

RFR Evaluation

1.) Methodology:

Elevations AGL measured optically

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

Geographic location measured via GPS receiver

RFR (Radio Frequency Radiation) exposure potentials measured using;

FCC RF Radiation Exposure Worksheet (separate exhibit, attached)

RF propagation modeling using MathWorks RF Toolbox Matlab extension

2.) Results:

RF exposure levels are well below the levels specified for the general public both inside and outside of the compound. Neither public nor occupational levels approach the respective limits set by OET 65 with all on-site facilities operating at licensed ERP.

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.

A.) 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 manufacturers specifications.

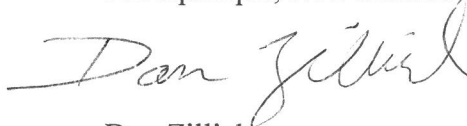
B.) Qualifications of Author:

I am a fully licensed and certified professional broadcast engineer (see para. 2, above) and have been practicing the trade successfully for over 34 years.

Signed:

 6/14/2016

Charles A. Williams
Albuquerque, New Mexico

 6/20/16

Dan Zillich
Albuquerque, New Mexico