

# RJ COMMUNICATIONS, INC.

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Mike Stark  
Chief Engineer  
Clear Channel Communications  
2700 San Pedro, NE.  
Albuquerque, NM

Dear Mike,

Per your request, we have made RFR measurements at the Sandia Crest Electronic Site in the area around the KKOB(FM) upon which the emergency two bay ERI  $\frac{1}{2}$  lambda spaced antenna has been side mounted at the 40 feet level for radio stations 94.1MHz, 96.3MHz and 99.5MHz. Measurements were made on December 28, 2002 between 2:00PM and 4:30PM MST.

The KKOB(FM) tower is shown on the attached copy of the H&E Sandia Crest site map Figure 2., and is indicated as tower number (8) for reference.

Measurements at the site were made using a Narda model 8418B broadband field strength meter, serial #4103 and model A8742D probe, serial #02802 of which both were last calibrated October 23, 2002. The probe is frequency response weighted in percentage of exposure limits as outlined in the NCRP-86 Report for occupational/controlled exposure. The Narda meter allows for measurement of the total exposure from the various emitters at the site and reads directly in percent of this standard. Measurements presented in this report are therefore in percent of standard.

Measurements were made on six radials from the base of the KKOB(FM) tower #8 extending out 40 feet at approximately five foot intervals. Measurements were also made in a radius of 3, 5 and 10 feet around the tower base.

Additional signs or markings required prohibiting access within distances to these areas which are in excess of occupational exposure limits found in the vicinity of the KKOB(FM) tower when the emergency/backup ERI antenna is in use are as follows:

**KKOB (FM) Tower #8:**

<u>Distance</u>	<u>Location</u>
2 foot	North Guy Anchor
2 feet	East Guy Anchor
2 feet	West Guy Anchor
3 feet	North/West tower face
4 feet	South/West tower face
4 feet	South/East tower face
1 foot	Unused PNM underground/vertical riser conduit, SE of the 94.1MHz transmitter building.
1 foot	Four closest vertical support risers for CH4 DTV transmission line due East of the KKOB tower #8, on the side of the ERI side mounted FM antenna.

These locations are in addition to or modification of existing distance requirements already in place as established by the Hammett and Edison site survey and report prepared in October of 1996.

Access to this tower should be limited altogether and a minimum distance of four feet from the tower base be maintained while the ERI emergency/backup antenna is in use.

Please let me know if you require anything further.

Sincerely,

Robert C. Ramseyer  
RJ Communications, Inc.

Sandia Crest Electronics Site • Albuquerque, New Mexico

