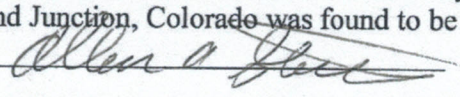
RF RADIATION SURVEY
F0R KMOZ AUXILIARY FACILITY
ON THE BLACK RIDGE ELECTRONIC SITE
NEAR GRAND JUNCTION, COLORADO

RF radiation surveys were conducted by Allen A. Stewart to determine the effect of Auxiliary facilities for KMOZ in regards to MPE limits as per FCC Bulletin OET 65.

The instrument used for the RF survey was a Holaday Model HI2200, Serial #00D61196, with a factory matched and calibrated Model C300, FCC Conformal Electronic Field Probe.

With regards to the KMOZ Auxiliary facility on Black Ridge near Grand Junction:

- The electronic site is at a remote location behind a fence with appropriate signage and is considered to be a Controlled site, therefore Controlled or Occupational limits were used to determine RF exposure per OET 65.
- KMOZ is located on a complex electronic site with many signals radiating concurrently from multiple locations. As a result, a radius of possible impact was determined and studied in the vicinity of the the KMOZ Auxiliary antenna.
- A background study was conducted on the site where the Auxiliary facility is located. Maximum background levels were measured as high as 11.2% of the Occupational standard.
- Tests were then conducted while the KMOZ Auxiliary station was radiating and the main station was not radiating. Test results indicated no measurable change at any point on the ground on the site. Therefore the Auxiliary facility for KMOZ on the Black Ridge Site near Grand Junction, Colorado was found to be in compliance with FCC OET Bulletin 65.

Signed: 

Certification: I, Allen A. Stewart, hereby certify that:

- I am Director of RF Engineering for Colorado Public Radio, and was contracted by MBC Grand to perform the measurements contained in this report.
- I have performed many tasks in the field of Radio and Television Engineering since 1971.
- I hold an FCC General Radiotelephone license PG-16-15717.
- I am familiar with the FCC rules and procedures pertaining to MPE measurements.
- I prepared this report and declare it to be true and accurate to the best of my knowledge.