

RADIOFREQUENCY ELECTROMAGNETIC FIELD MEASUREMENTS
AT OAT MOUNTAIN KLVE AND KSCA BOOSTER SITE
FOR SERVICE TO SANTA CLARITA, CA

AUG 2013

BY:
BEEM CO.
ARCADIA, CA
626 446 3468

ENGINEERING REPORT BY JOEL T. SAXBERG

This report was prepared for KLVE-FM License Corp., licensee of FM station KLVE and for KSCA, Univision Radio License Corporation. This site is a multi-user site with numerous antennas mounted on two “H” frames oriented toward the City of Santa Clarita. Measurements showed very low levels around the site and values did not exceed the MPE guideline limit for the general public. In fact, the highest recorded value was 1.44 % of STD. This would be 7.2% of the MPE guideline level for the general public. Taking the RF readings was Mr. Jim Sensenbach of KLVE and Mr. Burt Weiner with BIWA under the direction of Joel Saxberg of BEEM Company.

On August 1, 2013 radiofrequency electromagnetic field measurements were made around the base of the booster antennas, principally in the main beam lobe of the dual CL-FM V Pol antennas. Both KLVE and KSCA use the two CL-FM vertically polarized log-periodic antennas. These two antennas are fed with a single coax, followed by a splitter.

MEASUREMENTS – Instantaneous peak readings were made around the base of the antenna support structure and these values were well below the MPE guideline limits for the general public. Spatial average readings were not taken as the power density readings were so low these types of measurements were not warranted. Enough measurement sweeps were made, however, to insure that the entire area was below the “not to exceed” limit for this uncontrolled area. A Narda 8718-10 s/n 01559 radiation survey meter calibrated by the manufacturer on 10/27/2011 was used with an 8742 Shaped E-Field probe s/n 03004 calibrated on 11/17/2011. The Narda radiation survey meter set for instantaneous peak readings was used to measure the power density around the antenna support structure base,

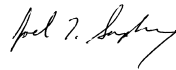
We find the site, which is uncontrolled, to be in good compliance with OET-65.

ENGINEERING CERTIFICATION

JOEL T. SAXBERG deposes and says:

1. That he is President of Broadcast Engineering and Equipment Maintenance Company, "**BEEM CO.**", radio engineering consultants. **BEEM CO.** maintains offices at: 2322 S. Second Avenue, Arcadia, CA 91006. Telephone (626) 446-3468
2. That he was graduated from California State University at Los Angeles, February 1966, with a Bachelor of Science degree in Electronic Engineering.
3. That he has submitted many applications to the Federal Communications Commission for broadcast and auxiliary broadcast construction permits and licenses.
4. That his experience in broadcast engineering is a matter of record and he has spent over forty years working in the field of radio engineering.
5. That the attached report was prepared by him or under his direction and supervision. That he believes the facts stated therein to be both true and accurate. Statements that are based on information supplied by others are also believed to be true and accurate.
6. That he has performed field work on AM and FM broadcast transmitting systems throughout this country and continues to provide technical consulting services on a daily basis to broadcasters.
7. That he declares under penalty of perjury the foregoing is true and correct.

Executed 8/1/2013
on



Joel T. Saxberg