

## CITICASTERS LICENSES L.P.

KEZJ-FM Radio Station

Facility ID No: 3403

### **Radio Frequency Radiation Study and Statement**

The facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OST Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The proposed antenna system will be an ERI SHPX-10C-SP 10 section 3/4-wave spaced multi-user antenna, mounted with its center of radiation 55 meters above ground level, and will operate with an effective radiated power of 100.0 kilowatts in both the horizontal and vertical planes for this applicant. At two meters, the height of an average person, at a distance of 19 meters from the tower base, this proposal will contribute, worst case, 0.305 microwatts per square centimeter, or 0.0305% of the allowable ANSI limit for controlled exposure, and 0.152% of the allowable limit for uncontrolled exposure. Table below indicates arithmetical sums of radio frequency radiation by each proposed user of this antenna.

		Exposure	Exposure	Exposure
Facility ID	ERP	Power Density	Uncontrolled	Controlled
	Kw	uW/sq cm	%	%
3403	100	0.305	0.152	0.0305
87843	100	0.305	0.152	0.0305
Sums	200	0.61	0.304	0.061

It is therefore believed that regardless of the contribution of other users of the antenna, this proposal is in compliance with OST Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant has posted warning signs in the vicinity of the tower, warning of potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power of the facility, or shut down the emitter, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.