

EXHIBIT 29
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NONIONIZING RADIATION COMPLIANCE

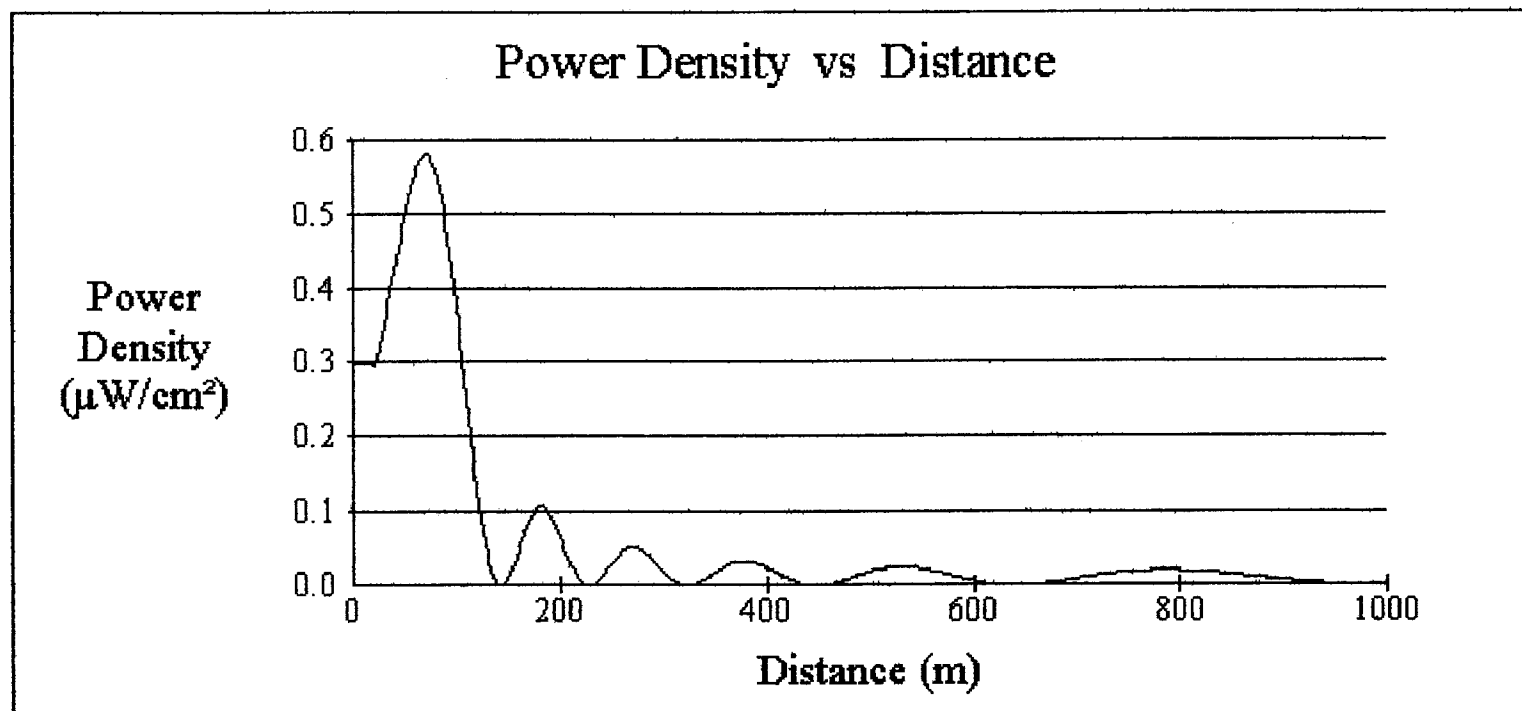
Big Mack Broadcasting, Inc.
Joplin, MO

The proposed KIXQ facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. These proposed facilities will utilize an ERI SHPX-8AC eight bay circularly polarized antenna that will be mounted with its center of radiation 260.9 meters above ground level on a proposed new 300.5 meter tower and will operate with an effective radiated power of 100 kilowatts. It should be noted that this tower will also support the antenna for KSYN(FM) - Joplin, Missouri, an application for which is presently being filed concurrently with the attached application. The predicted power density levels at two meters above ground level for the proposed KIXQ facilities were calculated using the FCC's "FM Model" computer program. The results of these calculations are shown in Figure 29.0. As can be seen from an examination of this figure, the maximum power density generated by the proposed KIXQ facilities at two meters above ground level will be $0.58 \mu\text{W}/\text{cm}^2$, which will occur at a distance of 70 meters from the base of this tower. Since the permitted power density for uncontrolled exposure to nonionizing radiation in the FM band is $200 \mu\text{W}/\text{cm}^2$, this amounts to only 0.29% of the permitted level. Since this value is less than 5% of the permitted level, the proposed KIXQ facilities are excluded from environmental processing under this standard and need not be considered in conjunction with any other co-located facilities in evaluating compliance with this nonionizing radiation standard.

KIXQ, in conjunction with the proposed KSYN facilities, will also take the necessary steps to insure that workers that must be on this tower will not be exposed to levels of nonionizing radiation that are in excess of the permitted level for controlled exposure.

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These steps will include the cessation of operation or a reduction in power by either or both of these stations, as appropriate, when work becomes necessary in areas on this tower where the total power density levels will be in excess of the permitted level for controlled exposure.



Office of Engineering and Technology

Distance (m):	<input type="text" value="1000"/>	Antenna Type:	<input (epa)"="" rototiller"="" type="text" value="ERI or JAMPRO JBCP "/>
Horizontal ERP (W):	<input type="text" value="10000"/>	Number of Elements:	<input type="text" value="8"/>
Vertical ERP (W):	<input type="text" value="10000"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="260.9"/>		

FIG. 29.0

KIXQ POWER DENSITY CALCULATIONS

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