

EXHIBIT 35  
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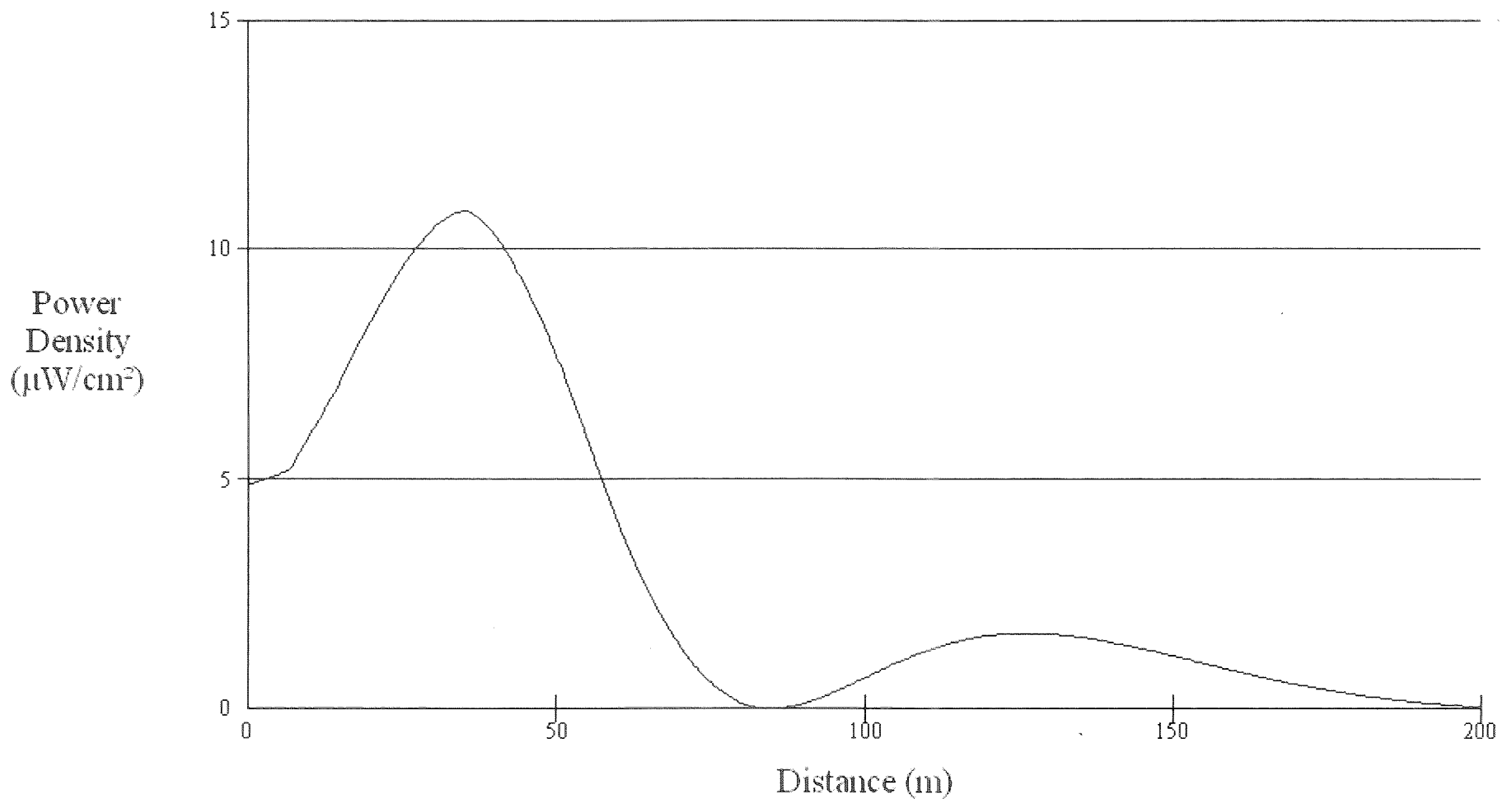
NONIONIZING RADIATION COMPLIANCE  
Bryan Broadcasting License Corporation  
Centerville, TX

The proposed facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The proposed facilities will employ a Jampro JMPC-3 three bay circularly polarized full wave spaced non-directional antenna that will be mounted at the 77.8 meter level on an existing 92.3 meter tower. There are other RF sources located within 315 meters of the proposed transmitter site, but all of them are excluded from processing under this exposure standard.

The predicted power density levels at two meters above ground for the proposed facilities were calculated using the FCC's "FM Model" computer program. The results of these calculations are shown in Figure 35.0. This figure shows that the maximum predicted power density at two meters above ground level for the proposed facilities will be  $10.8 \mu\text{W}/\text{cm}^2$ , which will occur at a horizontal distance of 35.2 meters from the base of this tower. Since the permitted power density in the FM band is  $200 \mu\text{W}/\text{cm}^2$ , this amounts to only 5.4% of the permitted level for uncontrolled exposure. Thus, the implementation of the proposed facilities will not be predicted to result in power densities that are in excess of the permitted level for uncontrolled exposure in areas which are accessible to the general public.

The applicant will take appropriate 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. These steps will include the cessation of operation or a reduction in power, as appropriate, when work becomes necessary in areas on this tower where the power density levels are in excess of the permitted level for controlled exposure.

## Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="200"/>	Antenna Type:	<input (epa)"="" double="" type="text" v"="" value="Jampro "/>
Horizontal ERP (W):	<input type="text" value="6000"/>	Number of Elements:	<input type="text" value="3"/>
Vertical ERP (W):	<input type="text" value="6000"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="77.8"/>		

FIG. 35.0

### POWER DENSITY CALCULATIONS

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