

EXHIBIT E-2
ENVIRONMENTAL COMPLIANCE
LAKESIDE, MONTANA 232C1
BIG CAT BROADCASTING, LLC
FCC FORM 301
OCTOBER 2009

The proposed facility should be exempt from environmental processing as it would be located on an existing structure and there would be no additional environmental impact on the surrounding area. In addition, the proposed facility would not constitute a RF exposure hazard to persons at the site with respect to the RF radiation exposure guidelines contained in ANSI Standard OET Bulletin 65, edition 97-01, along with Supplement A (Edition 97-01) regarding additional information for Radio and Television Broadcast Stations. For the FM band, the MPE limit for general population/uncontrolled exposure is 0.2 mW/cm^2 ($200 \text{ } \mu\text{W/cm}^2$) and the limit for the occupational/controlled exposure is 1 mW/cm^2 ($1000 \text{ } \mu\text{W/cm}^2$).

The facility proposes to utilize a 16 bay, half wave (0.5) wavelength spacing, non-directional antenna, with an Effective Radiated Power of 100 kilowatts both in the horizontal and vertical planes. The antenna will be located 18 meters above ground, but for this study, will be calculated at 2 meters less height to make up the difference for the average human height. The Commission's FM Model software was used to predict the maximum power density using the "Dipole" or EPA type 1 as the antenna type. The FM model, shown in Figure 1, predicts that the maximum power density would be $80.197 \text{ } \mu\text{W/cm}^2$ at 5.2 meters from the base of the antenna support structure. This level is below the maximum allowed power density of $200 \text{ } \mu\text{W/cm}^2$ for uncontrolled RF exposure requirements.

The proposed licensee will cooperate with other users of the site to reduce power or cease operations, as may be necessary, to protect workers and others having access to the site from excessive levels of RF radiation. Fencing and appropriate RF warning signs will also be posted at the site to limit access to the supporting structure to prevent unauthorized access to harmful RF radiation areas.

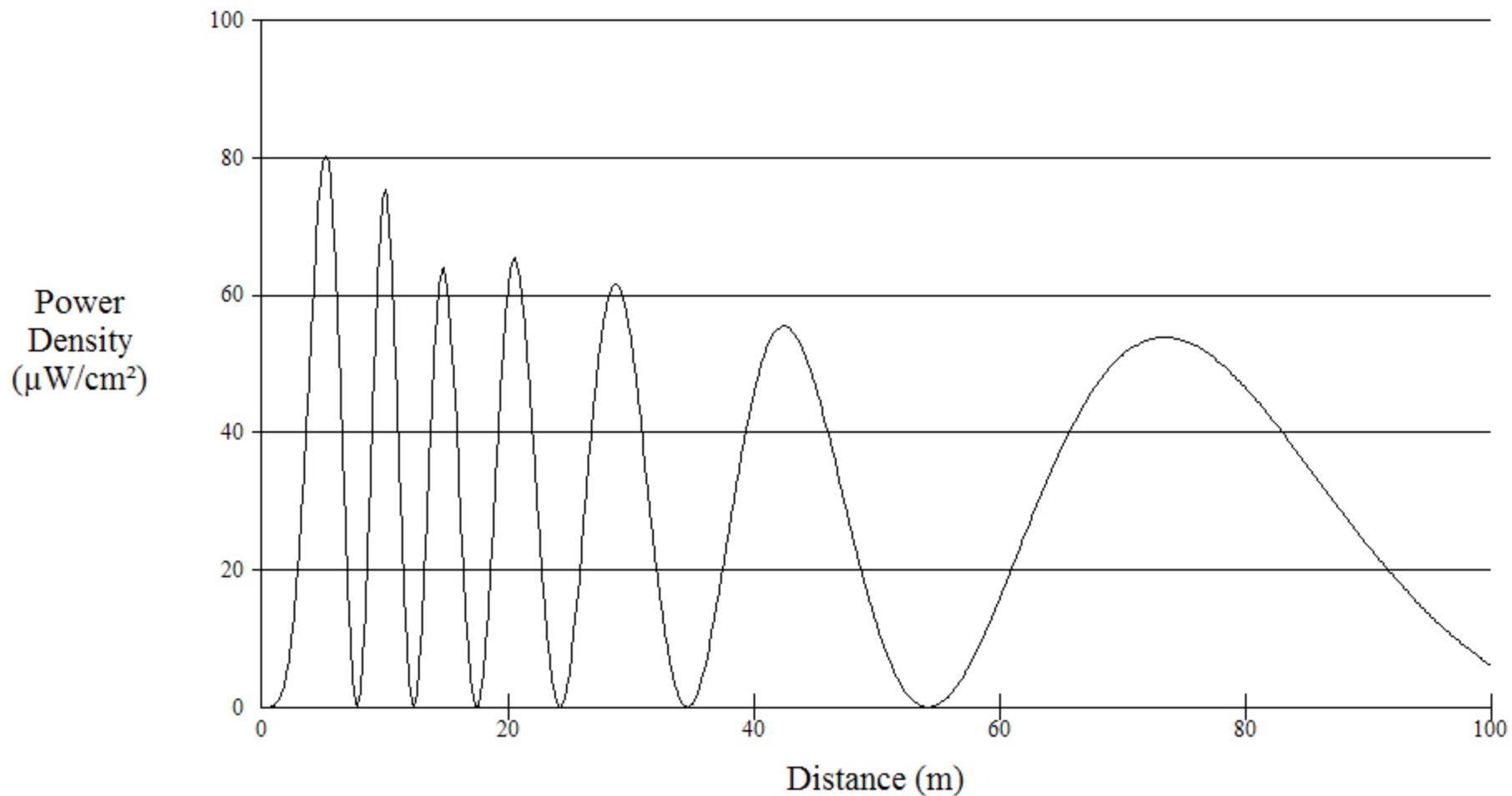
No RF blanketing interference issues are anticipated, but the proposed licensee will be financially responsible for correcting any RF blanketing issues that might arise from the operation of this new station for a period of one year after the new station becomes operational.

Note: There are other FM facilities at this same tower site. The following table summarizes all of the facilities and their possible worse case contribution to harmful RF radiation.

Facility	ERP (kW)	Max Power Density ($\mu\text{W}/\text{cm}^2$)
K216BE	0.048	0.567
New 232C1	100	80.197
		Total: 80.764

Even if all of these RF levels at the ground were combined at the same location, which is unlikely, the maximum power density when added would be $80.764 \mu\text{W}/\text{cm}^2$, still well below the allowable level of $200 \mu\text{W}/\text{cm}^2$ for uncontrolled areas.

Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="100"/>	Antenna Type:	<input type="text" value="Phelps-Dodge 'Ring Stub' or Dipole (EP)"/>
Horizontal ERP (W):	<input type="text" value="100000"/>	Number of Elements:	<input type="text" value="16"/>
Vertical ERP (W):	<input type="text" value="100000"/>	Element Spacing:	<input type="text" value=".5"/>
Antenna Height (m):	<input type="text" value="16"/>		