

Exhibit #22

R.F. EMISSIONS COMPLIANCE STATEMENT

University of Wyoming

New Station Application

Rawlins, Wyoming

October 2007

CH 210C3

2.0 kW H & V

The proposed two-bay, circularly polarized antenna will be energized such that it produces 2.0 kW effective radiated power from a center of radiation of 20.1 meters above ground. Using the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, and then by applying a combination of the element and array pattern as defined in E.P.A. study PB85-245868 ("**Engineering Assessment of the Potential Impact of the Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services**".) the following table of exposure levels were developed for six common antennas.

Antenna (Type#)	Level at 2 m above ground ($\mu\text{W}/\text{cm}^2$)	% of maximum Uncontrolled area
Jampro (#2)	28.559	14.28
ERI (#3)	12.237	6.12
Dielectric (#5)	32.636	16.32
Shively (#6)	2.040	1.02
Dielectric DCRM (#7)	13.536	6.77
Dielectric DCRQ (#8)	20.546	10.27

After researching the Mass Media and ULS databases, it was determined that there are two other sources of RF emissions on the tower, each using a Shively 6800 series (Type #5) antenna. The contributions to the level of RF emission at ground level from each source are:

Call	Ch	Power (kW)	Height (m)	Level ($\mu\text{W}/\text{cm}^2$)	Max ($\mu\text{W}/\text{cm}^2$)	Percent (Uncont.)
New (Max)	210	2 H/V	20.1	32.636	200	16.32
K206AJ (2 bay)	206	0.25 H/V	20	0.077	200	0.038
KTGA.C (4 bay)	257	18 H/V	25.4	10.928	200	5.49
Totals				43.641		21.848

The applicant will protect workers on the tower by either reducing ERP or terminating transmission.

Consequently, it appears that the proposed FM station, when using one of the six common antennae listed above, will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.