

EXHIBIT # 22

R.F. EMISSIONS COMPLIANCE STATEMENT

Channel 219 – 0.5 kW H & V

April 2006

The applicant proposes the use of a two-bay half-wave spaced ERI LPX series rototiller type antenna. The antenna will be placed on a tall pole located on a small hill. A fence to keep the public away is not anticipated at the time of filing. Therefore, the area will be uncontrolled.

The proposed antenna will be energized such that it produces 0.5 kW effective radiated power, circularly polarized, from a center of radiation of 31 meters above ground. Since this antenna is directional, the Commission has deemed that use of the EPA studied antenna type would be inappropriate. (See exhibit #1, for the vertical elevation field graph of this antenna) The manufacturer's vertical elevation field values were then used with the OST formulas to calculate the downward emissions at points 2 meters above the ground (head height) within a short distance of the tower. The following table calculates the MPE at various distances from the tower base of the proposed antenna under an uncontrolled environment:

Downward angle	Effective Field	Distance from Tower Base	Microwatts/sq cm	% MPE Uncontrolled.
-90	0	0 M	0.00	0.0
-89	0	1 M	0.00	0.0
-71	0.038	10 M	0.043	0.022
-56	0.163	20 M	0.033	0.016
-45	0.33	30 M	0.024	0.012
-36	0.52	40 M	1.49	0.745
-31	0.604	50 M	3.65	1.82
-26	0.704	60 M	3.73	1.86
-23	0.761	70 M	2.88	1.44
-20	0.814	80 M	3.06	1.53
-18	0.847	90 M	2.68	1.34

This antenna does not exceed the Commission's MPE at any downward angle. There are no other sources of R.F. emissions at this site.

In regard to protecting workers at the tower site, the applicant will reduce its operating

power or cease operating in the event a worker is within a range of its antenna where the sum of all non-ionization radiation exposure would exceed the maximum permissible exposure for the time period involved. Consequently, the applicant appears to be in full compliance with the Commission's rules and regulations regarding protection of workers and the general public from excess R.F. emissions.