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**EXHIBIT 22 - RF FIELD DENSITY ANALYSIS**

**APPLICATION FOR MODIFICATION OF CP  
WEVF(FM) - 212A - COLEBROOK, NH**

The proposed operation on channel 212A in Colebrook, NH will be located on an existing tower.

The antenna will be a Shively 6813-2R-SS two bay, half wave spaced with the center of radiation at 43 meters AGL and will operate with an ERP of 0.270 kW H & V.

The calculated (F.C.C. FMMODEL) RF field density at 2 meters AGL from the proposed operation is  $0.9 \mu\text{W}/\text{cm}^2$  at 75 meters from the base of the tower or 0.45% of the maximum uncontrolled exposure level of  $200 \mu\text{W}/\text{cm}^2$ . The tower is accessible only by four wheel drive vehicle and will be fenced to prevent unauthorized access.