



## **RADIO FREQUENCY IMPACT, SAFETY & STATEMENT OF COMPLIANCE**

The licensee of WSET-TV is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WSET-TV antenna and will reduce power or cease operation, when necessary, to ensure protection to personnel.

As shown in Appendix A the WSET-TV channel 7 post-transition interim STA facility proposed herein will operate with a maximum ERP of 41.23 kW from an elliptically polarized directional transmitting antenna with a centerline height of 305 meters above ground level (AGL). Considering the elevation pattern submitted elsewhere in this application, the vertical plane relative field factor is less than 0.200 at all depression angles greater than 28 degrees. The proposed WSET-TV STA facility is predicted to produce a worst-case power density at two meters above ground level, at 649.8 meters from the tower base, of  $0.441 \mu\text{W}/\text{cm}^2$ , which is 0.22% of the FCC guideline value of  $200 \mu\text{W}/\text{cm}^2$  for an "uncontrolled" environment, and 0.044% of the FCC's guideline value for "controlled" environments. Therefore, pursuant to Section 1.1307(b)(3) of the FCC Rules, because the proposed facility would not exceed 5% of the uncontrolled and controlled exposure limits, the proposal's power density contribution is considered insignificant.