

## RADIOFREQUENCY FIELD LEVEL ASSESSMENT

WMEB-FM is proposing to replace the 3-bay antenna authorized on the outstanding construction permit (FCC File No. BPED-20070907AFZ) with a 4-bay full-wave spaced antenna, thus, reducing the overall downward radiofrequency field levels at the site. An assessment accompanied the application for construction and an radiofrequency analysis is contained in the statement entitled, "Engineering Statement, Application to Modify License Facilities on Behalf of University of Maine System, WMEB-FM, Orono, Maine, Channel 220A (91.9 MHz) 10 kW (H&V) 52 Meters HAAT". The antenna manufacturer indicates that the relative field value is reduced from 0.4 for the 3-bay Shively, Model 6812-3R and 0.36 for the recently installed 4-bay, Model 6813-4R antenna. Therefore, compliance is achieved in accordance with the procedures outlined in FCC OET Bulletin No. 65.

Attached as Exhibit E-1 is the elevation pattern for Shively, Type 6813-4R.

Attachment