

# Non-ionizing Radiation Exposure Exhibit

## Monroe Board of Education Monroe, Connecticut

### New 250 Watt translator on 100.3 FM for East Hampton, NY. Repeating WMNR

The proposed translator will operate on a 35 foot pole at 9 Pheasant Lane, East Hampton, NY.

The single bay cir. pol. antenna is **10 meters** off the ground. We will now subtract 2 meters to allow for a 6'6" person (99<sup>th</sup> percentile) casually walking on the ground.

The energy level for the 250 watt proposed antenna at head-top level is only 32.9% of the safe uncontrolled limit (of 0.2 mW) using the formula in OST Bulletin 65.

( $F = 0.71$  for 45° down - worst case – Shivley 6812 antenna, 8 meters above head top level – 1 bay Cir. Pol. – 250 watts ERP) There is no other licensed broadcast facility in the vicinity.

