



## Is it Safe?

This project does not pose a risk to health or safety. The very low level of magnetic exposure is about the same as standing one foot from a toaster, as shown on the Figure below [see note 1].

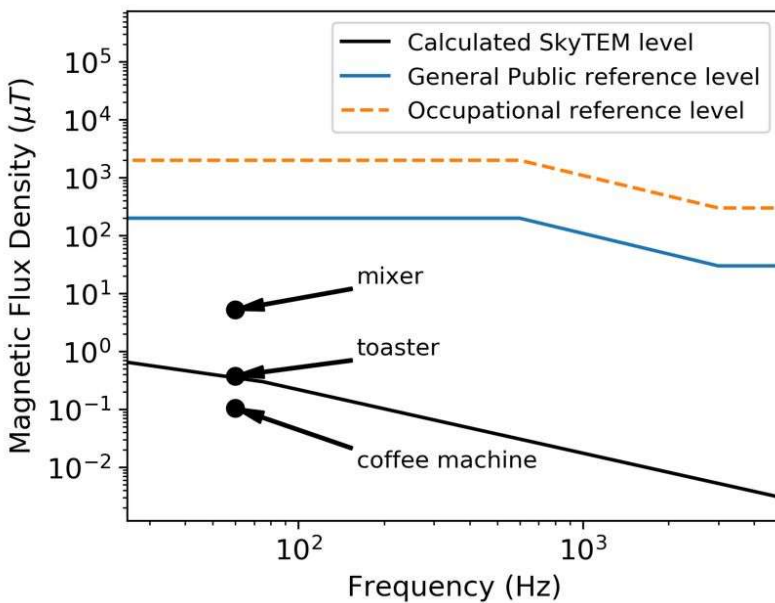
The AEM transmitter generates a magnetic field that is lower than 1/100<sup>th</sup> of the accepted general public exposure level across all frequencies [see note 2].

The same AEM surveys have been conducted in other location throughout California with no reported ill effects to humans or animals.

### Notes:

[1] Long Island Power Authority: <https://www.lipower.org/>

[2] International Commission on Non-Ionizing Radiation Protection. "Guidelines for limiting exposure to time-varying electric and magnetic fields (1 Hz to 100 kHz)." *Health physics* 99.6 (2010): 818-836.



### Other locations used in California:

- Marina Coast Water District
- Tulare Irrigation District
- Kawaeh Sub-basin
- Santa Cruz Mid-County Groundwater Agency
- Butte County
- Indian Wells Valley

### Source:

International Commission on Non-Ionizing Radiation Protection, SkyTEM Public Exposure Level 2013, Long Island Power Authority