

RF HAZARD STATEMENT
APPLICATION FOR CONSTRUCTION PERMIT
CLASS A TELEVISION STATION WKME-CD
KISSIMMEE, FLORIDA
CHANNEL 21 12.3 KW (MAX-DA) 132.3 M AMSL

With respect to the potential for human exposure to radio frequency (RF) energy, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF energy at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground based on the following conservative assumptions, with the following results:

Call Sign	Channel	Average ERP (kW)	Distance (m)	Relative Field Factor *	FCC Limit [†] (mW/cm ²)	Percentage of Limit
WKME-CD	21	12.3	100.6	0.40	0.343	2.0%

As indicated above, the exposure to RF energy at 2-m above ground level will not exceed 2.0% of the FCC limit for general population / uncontrolled exposure.

Access to the rooftop on which the antenna structure is mounted shall be restricted to ensure compliance with the FCC guidelines for human exposure to RF energy. The applicant, in coordination with any other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the rooftop, tower or antenna from RF energy in excess of the FCC guidelines. Therefore, the proposal complies with the FCC limits for human exposure and it is categorically excluded from environmental processing.

* This is a conservative estimate of the downward relative field at steep elevation angles.

† for general population/uncontrolled environments