RF HAZARD STATEMENT
FM TRANSLATOR STATION W226BT
ORLANDO, FLORIDA
CHANNEL 226

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
W226BT	226	0.099 (H), 0.099 (V); 0.198 (Total)	134	1.00	0.200	0.19%

As indicated above, the exposure to RF energy at 2-m above ground level will not exceed 0.19% of the FCC limit for general population / uncontrolled exposure.

With respect to the rooftop, the management of the SunTrust Building controls access to the roof; and it would be defined as a controlled environment for the purposes of RF exposure evaluation. RF measurements will be taken if necessary to ensure continued compliance with the FCC RF exposure limits.§ Work rules shall be in place concerning access to the SunTrust Building roof; and the applicant shall cooperate in implementation of the work rules. Therefore, the proposal complies with the FCC limits for human exposure to RF energy and it is categorically excluded from environmental processing.

* The radiation center is located 134 m above ground level.
† This is a conservative estimate of the downward relative field at steep elevation angles.
‡ for general population/uncontrolled environments
§ It is noted that the worst-case minimum distance from the antenna for compliance with the FCC RF exposure limit for a controlled environment is 2.6 m. This is based on a relative field factor of 1.0. If W226BT is the only RF emitter at the site, then restricted access in accordance with this minimum distance will allow for compliance with the FCC exposure standard.