RF HAZARD STATEMENT
TELEVISION STATION WWSB-DT
SARASOTA, FLORIDA
CHANNEL 24 90 KW (MAX-DA) 234 M

An evaluation was conducted for the proposed facility concerning compliance with Section 1.1307(b) of the FCC Rules regarding 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 radiation 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)**	**Radiation Center Height Above Ground (m)**	**Relative Field Factor†**	**FCC Limit‡ (mW/cm^2)**	**Percentage of Limit**
WWSB-DT	24	90(H); 22.5(V) 112.5 (Total)	238	0.10	0.355	0.2%

As indicated above, the total exposure to RF radiation at 2-m above ground level will not exceed 0.2% of the FCC limit for general population / uncontrolled exposure. Therefore, the proposal complies with the FCC limits for human exposure to RF energy and it is categorically excluded from environmental processing. The applicant, in coordination with other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the tower or antenna from radio frequency radiation in excess of the FCC guidelines.

* See FCC Office of Engineering and Technology Bulletin No. 56 for background information on non-ionizing RF energy of the type discussed here. Internet web reference: http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet56/oet56e4.pdf
† This is a conservative estimate of the relative field factor in the downward direction.
‡ for general population/uncontrolled environments