

RF EXPOSURE STATEMENT

With respect to the potential for human exposure to radio frequency (RF) radiation, 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)	Antenna Radiation Center Height Above Ground (m)	Relative Field Factor¹	FCC Limit² (mW/cm²)	Percentage of Limit
WFQX-DT	47	1000	370	0.25	0.447	3.4%

As indicated above, the exposure to RF radiation at 2-m above ground level will not exceed 3.4% of the FCC limit for general population / uncontrolled exposure.

Therefore, the proposal complies with the FCC limits for human exposure to RF radiation and it is categorically excluded from environmental processing. The applicant 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.

¹ This is a conservative estimate of the elevation pattern relative field toward ground level.

² for general population/uncontrolled environments