RF HAZARD STATEMENT
FM BROADCAST STATION KBZQ
LAWTON, OKLAHOMA
CHANNEL 258C3 25 KW (H & V) 100 M HAAT

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. All licensed broadcast stations at the transmitter location were considered and are listed in the table below. 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**
KBZQ	258	50 (H + V)	99	0.35	200	10.9%
KJMZ	250	12 (H + V)	88	0.50	200	6.8%
K64GJ	64	10.9 (avg. visual + 10% aural)	80	0.50	515.3	2.9%
Total (less than 100% indicates compliance)						20.6%

As indicated above, the exposure to RF radiation at 2-m above ground level will not exceed 20.6% 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, 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 tower or antenna from radio frequency radiation in excess of the FCC guidelines.

* This is a conservative estimate of the relative field factor in the downward direction.
† for general population/uncontrolled environments