

KYKX-FM Longview, TX

RF Exposure Exhibit

ALPHA MEDIA, LLC

CH 289C0 –105.7 MHz – 100 KW H/V

March 23, 2021

Alpha Media, LLC (Alpha Media) certifies that KYKX-FM complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled Environments.

The RF worksheet in the Instructions to form 303-S was unusable to determine compliance for this facility because the facility is shared with other broadcast facilities. Therefore, Alpha Media used FM MODEL, an online RF exposure calculator provided by the FCC, to determine compliance for this site.

The facility is located on an existing communications site and is shared with other broadcast facilities. KYKX-FM's maximum theoretical contribution to the site is $3.928 \mu\text{W}/\text{cm}^2$, which is 1.964% of the worst-case uncontrolled (public) exposure limit of $200 \mu\text{W}/\text{cm}^2$. This value does not exceed the 5% "threshold of responsibility" specified in 47 C.F.R. 1.1307(b) and 1.1307(b) (3). Therefore, KYKX-FM is "categorically excluded" from providing an Environmental Assessment.