

K291CH Tyler, TX
RF Exposure Exhibit
ALPHA MEDIA, LLC
CH 291D – 106.1 MHz – 68 W H/V
March 23, 2021

Alpha Media, LLC (Alpha Media) certifies that K291CH complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments as they relate to this particular site.

K291CH is located on a rooftop cooling tower/chiller railing of a multi-story building in Tyler, TX. The site has limited occupational access and is posted with RF warning signs at the roof access door. The licensee has posted additional signage near the K291CH antenna to further warn of RF exposure potential within 1m of the antenna. Under controlled exposure conditions, K291CH is in compliance as the RF field is well below 1000 $\mu\text{W}/\text{cm}^2$.

Alpha Media willingly coordinates with building maintenance and management to facilitate exposure mitigation when work is to be performed near the K291CH antenna.

At ground level (Uncontrolled zone), using FM-Model, K291CH contributes 0.014 $\mu\text{W}/\text{cm}^2$ which is 0.007% of the uncontrolled limit of 200 $\mu\text{W}/\text{cm}^2$.