

AudioFilings

This a request on behalf of Estrella Radio License of Dallas LLC, the licensee of KZMP(AM) FID# 63551 for special temporary authority to operate KZMP with temporary facilities.

The proposed site is within University Park, TX, the city of license. The coordinates of the site are N32 50 51.14 / W96 48 40.3 NAD27. This temporary facility will consist of an Information Station Specialists ANXX antenna mounted on two sections of Rohn 25 tower. The proposed facility will operate with 100 Watts day and night. This temporary facility will be fenced to within 7.62 meters of the antenna. This exceeds the manufacturer's and OET 65 specifications and standards. The efficiency of the antenna is approximately 63 mV/m per kw at 1 kilometer per the manufacturer specifications. At this location and power level it is anticipated that the facility will provide 5 mV/m for all of the city of University Park. This proposed STA facility .5 mV/m contour will not exceed the licensed .5 mV/m contour of the licensed facility.

See attached information on the antenna and a coverage map based on M3.

Charles W. Staples

Technical Consultant.



PRODUCT INFORMATION

Component	AM Radio Antenna
Part Number	Model ANXX
Image	
Description	Our ANXX Antenna may be mounted atop a square or round pole of wood, metal or fiberglass. It can operate in conjunction with the Vertical Profile Antenna Support & Grounding System (VP.9000). It may also be building-installed on a flat roof using a ballasted stand with groundplane.
Specifications	<ul style="list-style-type: none">• Frequency range: 530-1710 kHz.• Center-loaded whip.• Vertically polarized.• Omni directional (0-360).• Anodized aluminum finish.• Adjustable tip for precise tuning.• Power: up 100 Watts Carrier (1700 kHz) with 100% modulation. Less at lower frequencies and for modulation types that exceed 100% positive.• Radiation efficiency: 28 mV/m/km at 530 kHz & 73 mV/m/km at 1700 kHz, referenced to 1 KW.• 20' metal support pole, tower or flat roof with 32-element groundplane.• Bandwidth (3:1 SWR): 530 kHz: 5 kHz; 1710 kHz: 10.4 kHz.• Temperature endurance: -40°C. to 85°C.• Wind endurance: 80 miles per hour with ¼" of ice.• Overall assembled length: varies with frequency, i.e., 297" for 530 kHz, 129" for 1700 kHz.• Accessories: Split-type mounts with stainless-steel hardware kit; masts, stands; lightning arrestors; enclosures, groundplanes, guying kits.• RF exposure separation: 1-meter minimum recommended.

Please be aware that all products we describe here are subject to availability based on our manufacturing capacity and the shipping dates. While we have made every effort to ensure the accuracy of all information, we do not accept liability for any errors or omissions and reserve the right to change these specifications without notice.

