

TECHNICAL EXHIBIT
IN SUPPORT OF LICENSE APPLICATION
FOR STATION KTRE (FACILITY ID 68541)
LUFKIN, TEXAS
CH 9 25 KW (MAX-DA) 204 M

Technical Narrative

This technical statement was prepared in support of a covering license application for station KTRE at Lufkin, Texas. Station KTRE holds an authorization for channel 9 with a maximum effective radiated power (ERP) of 25 kilowatts (kW) and an antenna radiation center height above average terrain (HAAT) of 204 meters (BMPCDT-20100114ADL). A correction to the antenna model is being made herein. The station was constructed as authorized in the underlying CP and plans to commence operation on June 9.



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KTRE RF Transmission System Specifications

Description	System
Transmitter Power Output (3.18 kW):	5.02 dBk
Transmission Line Loss - 520 feet 4" (82.2%):	0.85 dB
Dielectric TF-8HTS-DC (9.62 Peak Power Gain):	9.83 dB
Effective Radiated Power (25 kW):	14.0 dBk