

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.



Jonathan N. Edwards  
du Treil, Lundin & Rackley, Inc.  
201 Fletcher Avenue  
Sarasota, Florida 34237  
(941) 329-6000  
JON@DLR.COM

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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