

TECHNICAL EXHIBIT
IN SUPPORT OF LICENSE APPLICATION
FOR STATION WKRГ-DT (FACILITY ID 73187)
MOBILE, ALABAMA
CH 27 1000 KW (MAX-DA) 573 M

Technical Narrative

This technical statement was prepared in support of the license application for station WKRГ-DT at Mobile, Alabama. Station WKRГ-DT holds an authorization for channel 27 with an effective radiated power (ERP) of 1000 kilowatts (kW) and an antenna radiation center height above average terrain (HAAT) of 573 meters (BPCDT-20080317AIF). The station was constructed as authorized in the underlying CP.



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WKRГ-DT RF Transmission System Specifications

Description	System
Transmitter Power Output (50.9 kW):	17.07 dBk
Transmission Line Loss 1,935 feet of 7-3/16" line (64.6%):	1.90 dB
DIE TFU-22GTH-R 4C160 (30.4 Power Gain):	14.83 dB
Effective Radiated Power (1000 kW):	30 dBk