

TECHNICAL EXHIBIT
IN SUPPORT OF LICENSE APPLICATION
FOR STATION KLKN-DT (FACILITY ID 11264)
LINCOLN, NEBRASKA
CH 8 25.9 KW 437 M

Technical Narrative

This technical statement was prepared in support of the license application for station KLKN-DT at Lincoln, Nebraska. Station KLKN-DT holds a post-transition authorization for channel 8 with a non-directional effective radiated power (ERP) of 25.9 kilowatts (kW) and an antenna radiation center height above average terrain (HAAT) of 437 meters (BMPCDT-20080620ABI). Station KLKN-DT is operating under automatic program test authority and this application for license is being filed to cover its construction permit.



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KLKN-DT RF Transmission System Specifications

Description	System
Transmitter Power Output (2.1 kW):	3.2 dBk
Transmission Line Loss (78.3%) (6" rigid air) 1500 feet:	1.1 dB
RCA TW-15A8-R (15.8 Power Gain):	12.0 dB
Effective Radiated Power (25.9 kW):	14.1 dBk