

TECHNICAL EXHIBIT
IN SUPPORT OF LICENSE APPLICATION
FOR STATION WIRT-DT (FACILITY ID 71336)
HIBBING MINNESOTA
CH 13 9.8 KW (MAX-DA) 204 M

Technical Narrative

This technical statement was prepared in support of the license application for station WIRT-DT at Hibbing, Minnesota. Station WIRT-DT holds a post-transition authorization for channel 13 with an effective radiated power (ERP) of 9.8 kilowatts (kW) and an antenna radiation center height above average terrain (HAAT) of 204 meters (BPCDT-20080421ABN).



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WIRT-DT RF Transmission System Specifications

Description	System
Transmitter Power Output (0.45 kW):	-3.5 dBk
ERI Mask Filter	0.3 dB
Transmission Line Loss (79%) (3" rigid air) 475 feet:	1.0 dB
RCA/DIE TF-12AH (29.25 Power Gain):	14.7 dB
Effective Radiated Power (9.8 kW-DA):	9.9 dBk