

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
TELEVISION STATION WIS-DT
COLUMBIA, SOUTH CAROLINA
CH 41 874 KW (MAX-DA) 462 M

Technical Statement

This Technical Exhibit was prepared on behalf of Television Station WIS-DT on Channel 41 assigned to Columbia, South Carolina in support of its application for license. The station is presently operating on automatic program test authority with the authorized facilities of 874 kilowatts with an antenna height above average terrain of 462 meters on Channel 41.¹

Figure 1 is a tabulation of the radiofrequency transmission system losses.

The only difference in what was originally authorized and what is actually constructed is the model number designation of the antenna. The manufacturer's specified model number is now ATW25H4-HSS-41. There is no change in either the actual azimuthal or electrical beamtilt specifications of the facility.

Charles A. Cooper

February 10, 2003

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
941.329.6000

¹ See FCC Construction Permit File Number: BMPCDT-20021002ABB.

Figure 1

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WIS-DT System Transmission System Losses

Description	Loss in dB
Transmission Line - MACXLine Single 6-1/8" 50 ohm main feeder, 1353 feet	1.9
Transmission Line - MACXLine Single 4-1/16" 50 ohm main feeder, 19 feet	0.1
Total System Loss:	2.0