

TECHNICAL EXHIBIT
REQUEST FOR LICENSE
TELEVISION STATION WTXS-DT
WATERBURY, CONNECTICUT
CH 20 52 KW 516 M

Technical Statement

This Technical Exhibit was prepared on behalf of Television Station WTXS-DT on Channel 20 assigned to Waterbury, Connecticut in support of its request for station license. The station has completed equipment tests, is operating pursuant to automatic program test authority and by this instant application is requesting licensure for the authorized facility of an average effective radiated power of 52 kilowatts on Channel 20.¹

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

Charles A. Cooper

August 31, 2009

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

¹ See FCC Construction Permit File Number: BPCDT-20080328AIO.

Figure 1

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TELEVISION STATION WTXX-DT
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WTXX-DT RF System Summary

Description	System
Transmitter Power Output (8.1 kW):	9.1 dBk
Transmission Line - EIA/DCA 7-3/16": 1375 ft	1.3 dB
Shared Transmission Line Tee:	0.2 dB
Antenna: TFU-10JTH/VP-R 04 (9.2 Power Gain):	9.6 dB
Effective Radiated Power (52 kW):	17.2 dBk