

TECHNICAL EXHIBIT
APPLICATION FOR AUXILIARY FACILITY LICENSE
RADIO STATION WHPT(FM)
SARASOTA, FLORIDA
CH 273C 100 KW 413 M

Technical Statement

This Technical Exhibit, of which this statement is part, was prepared on behalf of radio station WHPT(FM) on Channel 273C at Sarasota, Florida. WHPT(FM) has authorization for a auxiliary (stand-by) facility with an antenna height above terrain (HAAT) to 413 meters and its effective radiated power to 100 kilowatts (kW).¹ By this instant application, program test authority and station licensure is requested.

Figure 1 is a tabulation of the R.F. specifications.

Charles A. Cooper

February 1, 2010

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

¹ See FCC Construction Permit BXPB-20091201ADJ.

Figure 1

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WHPT(FM) Auxiliary RF Transmission System Specifications

Description	System
Transmitter Power Output (32 kW):	15.1 dBk
<i>Dielectric</i> Transmission Line Switch (2):	0.2 dB
<i>ERI MAXC350A</i> Transmission Line Loss 1,380 feet:	1.4 dB
<i>ERI SHPX8F</i> Antenna Gain:	6.5 dB
Effective Radiated Power (100 kW):	20.0 dBk