

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
RADIO STATION WITT(FM)
STATE COLLEGE, MISSISSIPPI
CH 283C3 25 KW 100 M

Technical Statement

This Technical Exhibit was prepared on behalf of Radio Station WITT(FM) on Channel 283C3 assigned to State College, Mississippi. The station is presently operating on automatic program test authority with the authorized facilities of 25 kilowatts non-directional effective radiated power and an antenna height above average terrain of 100 meters on Channel 283C3.¹

Figure 1 is a tabulation of the RF system specifications.

Charles A. Cooper

September 25, 2002

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

¹ See FCC Construction Permit File Number: BPH-19961118M7.

Figure 1

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WITT(FM) RF Transmission System Specifications

Description	System
Transmitter Power Output (9.5 kW):	9.8 dBk
Transmission Line Loss (2-1/4") 412 feet:	0.8 dB
<i>Shively 6813-10 Halfwave Length Spaced Gain (3.14 Power Gain):</i>	5.0 dB
Effective Radiated Power (25 kW):	14.0 dBk