

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
RADIO STATION WFXE(FM)
COLUMBUS, GEORGIA
CH 285A 2.3 KW 164 M

Technical Statement

This Technical Exhibit, of which this statement is part, was prepared on behalf of radio station WFXE(FM) on Channel 285A at Columbus, Georgia. WFXE(FM) has authorization to operate on Channel 285A with an antenna height above terrain (HAAT) of 164 meters and its effective radiated power to 2.3 kilowatt (kW) employing a non-directional antenna.¹ By this instant application, station licensure is requested.

It is noted that the WFXE(FM) facility is located 3.1 kilometers (1.9 miles) away from WIOI(AM) on 1580 kHz assigned to Columbus, Georgia (Facility ID: 47088). The licensee of WIOI(AM) is the same as that of WFXE(FM). The licensee has confirmed that the construction of the WFXE(FM) facility has not adversely affected the FCC operating parameters of WIOI(AM) and therefore requests that WFXE(FM) special conditions regarding the operation of WIOI(AM) be disregarded.

Charles A. Cooper

November 28, 2011

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

¹ See FCC Construction Permit BPH-20091001AEM.

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WFXE(FM) RF Transmission System Specifications

Description	System
Transmitter Power Output (1.75 kW):	2.4 dBk
<i>Andrew</i> Transmission Line Loss (1-5/8") 350 feet:	0.7 dB
<i>Shively 6813</i> (3 element) Antenna Gain (1.55 Power Gain):	1.9 dB
Effective Radiated Power (2.3 kW):	3.6 dBk