

TECHNICAL EXHIBIT  
APPLICATION FOR LICENSE  
LPTV STATION W26CX  
MEMPHIS, TENNESSEE  
CH 6     3 KW

Technical Statement

This Technical Exhibit, of which this statement is part, was prepared on behalf of analog low powered television station W26CX assigned to Memphis, Tennessee. W26CX has a construction permit for operation on Channel 6 with a visual peak effective radiated power of 3 kW.<sup>1</sup> By this instant application, station licensure is requested. Figure 1 is a tabulation of the RF Technical Specifications.

It is noted that the transmitter employed for this operation is a *Pineapple Technology* TC1000V1 that has been FCC type verified by the installation engineer by conducting a proof-of-performance.

Charles A. Cooper

May 10, 2010

du Treil, Lundin & Rackley, Inc.  
201 Fletcher Avenue  
Sarasota, Florida 34237  
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<sup>1</sup> See FCC File Number: BMPTVL-20090921AAD.

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W26CX Channel 6 RF Transmission System Specifications

Description	System
Transmitter Power Output (3.5 kW):	5.5 dBk
Andrew Transmission Line Loss (3-1/8" Rigid) 750 feet:	0.7 dB
Antenna: Jampro JAHD-2/3 Circular Polarized Antenna:	0.0 dB
Effective Peak Visual Radiated Power (3 kW):	4.8 dBk