

TECHNICAL EXHIBIT  
APPLICATION FOR LICENSE  
LPTV STATION W17DA-D  
MEMPHIS, TENNESSEE  
CH 17 15 KW (MAX-DA)

Technical Statement

This Technical Exhibit, of which this statement is part, was prepared on behalf of digital companion channel low powered television station W17DA-D assigned to Memphis, Tennessee. W17DA-D has a construction permit for operation on Channel 17 with a maximum visual peak effective radiated power of 15 kW.<sup>1</sup> By this instant application, station licensure is requested. Figure 1 is a tabulation of the RF Technical Specifications.

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January 11, 2010

du Treil, Lundin & Rackley, Inc.  
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Sarasota, Florida 34237  
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<sup>1</sup> See FCC File Number: BMPDTL-20091026AEA.

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W17DA Channel 17 RF Transmission System Specifications

Description	System
Transmitter Power Output (0.620 kW):	-2.1 dBk
Combiner Loss:	0.6 dB
<i>Andrew</i> Transmission Line Loss (HJ11-50) 620 feet:	1.8 dB
Maximum <i>MCI UHF Broadband Antenna System</i> :	16.3 dB
Maximum Peak Visual Effective Radiated Power (15 kW):	11.8 dBk