

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
TELEVISION STATION KOBF-DT
FARMINGTON, NEW MEXICO
CH 12 30 KW 125 M

Technical Statement

This Technical Exhibit has been prepared on behalf of Television Station KOBF-DT on Channel 12 assigned to Farmington, New Mexico in support of its application for license. The station is operating pursuant to the automatic program test authority with authorized post-transition facilities of 30 kilowatts with an antenna height above average terrain of 125 meters on Channel 12.¹

Figure 1 is a tabulation of the carrier transmission system losses.

Charles A. Cooper

February 23, 2009

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

¹ See FCC Construction Permit File Number: BMPCDT-20080618AAB.

Figure 1

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KOBF-DT Transmission System

Description	System
Transmitter Power Output (2.8 kW):	4.5 dBk
Transmission Line Loss (Andrew 3" Air Dielectric) 200 feet:	0.4 dB
Antenna <i>RCA TF-12H</i> (11.8 Power Gain):	10.7 dB
Effective Radiated Power (30 kW):	14.8 dBk