

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
RADIO STATION KPAK(FM)
ALVA, OKLAHOMA
CH 248C2 50 KW 150 M

Technical Statement

This Technical Exhibit was prepared on behalf of Radio Station KPAK(FM) on Channel 248C2 assigned to Alva, Oklahoma. The station has been constructed, program testing has commenced and therefore, licensure is now being requested. The facility was constructed pursuant to its construction permit with the authorized facilities of 50 kilowatts non-directional effective radiated power and an antenna height above average terrain of 150 meters on Channel 248C2.¹

Figure 1 is a tabulation of the RF system specifications.

Charles A. Cooper

June 16, 2004

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

¹ See KCJF(FM) FCC Construction Permit File Number: BMPH-20020916AAB.

Figure 1

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KPAK(FM) RF Transmission System Specifications

Description	System
Transmitter Power Output (10.5 kW):	10.2 dBk
Transmission Line & Connector Loss (3") 490 feet:	0.7 dB
<i>Shively 6813-10 Fullwave Length Spaced Gain (5.65 Power Gain):</i>	7.5 dB
Effective Radiated Power (50 kW):	17.0 dBk