

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
AUXILIARY FACILITY
RADIO STATION KONO-FM
HELOTES, TEXAS
CH 266C1 1.3 KW 265 M

Technical Statement

This Technical Exhibit, of which this statement is part, was prepared on behalf of radio station KONO-FM) on Channel 266C1 at Helotes, Texas. KONO-FM has authorization to construct a new auxiliary [stand-by] facility.¹ By this instant application, station licensure is requested.

Figure 1 is a tabulation of the RF transmission system.

Charles A. Cooper

February 7, 2006

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

¹ See FCC Construction Permit BMXPH-20060124ALZ.

TECHNICAL EXHIBIT
 APPLICATION FOR LICENSE
 AUXILIARY FACILITY
 RADIO STATION KONO-FM
 HELOTES, TEXAS
 CH 266C1 1.3 KW 265 M

KONO-FM FM RF Transmission System Specifications

Description	System
Transmitter Power Output (1 kW):	0.0 dBk
Combiner:	0.8 dB
<i>Andrew</i> Transmission Line Loss (MACX350A 3-1/8" Rigid) 473 feet:	0.5 dB
<i>Andrew</i> Transmission Line Loss (HJ8-50B 3" Heliac) 598 feet:	0.8 dB
<i>ERI SHPX-4AC-SP</i> Antenna Gain (2.1 Power Gain):	3.2 dB
Effective Radiated Power (1.3 kW):	1.1 dBk