

Exhibit ENG-1
Engineering Statement
KNOK-LP Channel 22 Greenville, TX
Displacement Application
By WES Broadcast Consultants

I. General

The purpose of this engineering statement is to support a displacement application for KNOK-LP Channel 22 Greenville, TX.

II. Engineering

A. Proposed Site:

KNOK- LP Channel 22 will operate with 140 kW at the Horizon and 150 kW circular polarized below the horizon with a “DR” azimuth pattern shown in Exhibit ANT-1, oriented at 246 degrees at the following coordinates:

Latitude 32-55-37.5

Longitude 96-24-01.3

The site will operate at the following elevation parameters:

AGL 61m

GAMSL 183m

RCAMSL 244m

HAAT 89.44m

B. Interference Protections

KNOK-LP Channel 22 would be overlapped with five facilities, KAUZ-DT Channel 22 in Wichita Falls, TX 226.1 kilometers away, KETK-DT Channel 22 in Jacksonville, TX 140.2 kilometers away, KLRU-DT Channel 22 in Austin, TX 318.6 kilometers away, KTXA-TV Channel 21 in Ft.Worth, TX 65.1 kilometers away and, KUVN-TV Channel 23 in Garland, TX 65.2 kilometers away. In addition, KNOK-LP Channel 22 is only short spaced to KMPX-TV Channel 29 in Decatur, TX 49.2 kilometers away. However, KNOK-LP Channel 22 causes 0 percent interference to all six facilities. This predicted percentage of zero interference is shown in FLR Exhibits 4-1 thru 3 and 5-1 thru 3. The list of considered facilities used in OET-69 FLR interference calculations is shown in Exhibit CS-1.

