

WES Broadcast Consultants, Inc.  
Engineering Statement in support  
of an Amendment to a Minor Change for :  
KVAW Ch 18 Eagle Pass, TX

Engineering Statement

1. General

The purpose of this engineering statement is to support an Amendment to a Minor Change for KVAW Ch 18 Eagle Pass, TX which specifies a new PSI Slot Antenna.

2. Engineering

A. Proposed Site:

KVAW Channel 18 will operate with 50kW ERP at the Horizon on an omnioid, horizontally polarized Antenna with the main lobe oriented at 90 degrees .5 degrees electronic tilt as shown in Exhibit ANT -1 at the following NAD83 coordinates:

N Latitude 28-43-33.0

W Longitude 100-28-36.0

The facility will operate with the following elevation parameters:

AGL 72m

GAMSL 248m

RCAMSL 320m

The ASR for this site is 1218752

C. No Interference:

This Minor Change Amendment creates no new interference. KVAW has a TVStudy report attached showing no Interference created by this proposal.

3. Analysis

A. Population:

A pending 2022 minor modification application (File No. 0000204967) showed a population loss of 21, 672 when compared to the Station's current authorization (BLCDT-20061115ABD). This new amendment to the minor modification application eliminates that population loss by rotating the antenna 180 degrees from 270 degrees to 90 degrees.

KVAW has a TVStudy Population report demonstrating the covered population of this proposal.

B. Contours:

A noise limited Contour map is included demonstrating the contour proposed in this Amendment and the licensed contour.