

Exhibit ENG-1
Engineering Statement
Channel 44 Ft. Collins, CO
Amendment to pending Application
By WES Broadcast Consultants

I. General

The purpose of this engineering statement is to support an Amendment to a previously filed application during Auction 81, to show that this proposal does not cause any interference to the other members of the mutually exclusive group M326 of which this application was part of, or any other existing, or pending facilities.

II. Engineering

A. Proposed Site:

Channel 44 will operate with 50 kW at the Horizon and 150 kW circular polarized below the horizon with a broad cardioid azimuth pattern shown in Exhibit ANT-1, oriented at 150 degrees at the following coordinates:

Latitude 40-54-18.0
Longitude 105-17-43.0

The site will operate at the following elevation parameters:

AGL 60m
GAMSL 2034m
RCAMSL 2094m
HAAT 20.64m

B. Interference Protections

Channel 44 is overlapped with six facilities, K08IV Channel 44 a co-channel in Pinewood Springs 128.5 kilometers away, K44CT Channel 44 a co-channel in Boulder, CO 100.7 kilometers away, Application BNPTTL20000807AEQ a co-channel in Cheyenne, WY 39.2 kilometers away, Application BNPTTL20000830AJY a co-channel in Guernsey, WY 24.4 kilometers away, Application BNPTT20000830BIP a co-channel in Laramie, WY 44.4 kilometers away, and Application BNPTTL20000831BLJ also a co-channel 24.4 kilometers away. However, Channel 44 causes 0.0 percent interference to all six facilities. This predicted percentage of zero interference is shown in FLR Exhibits 1 thru 6. The list of considered facilities used in OET-69 FLR interference calculations is shown in Exhibit CS-1, which also demonstrate spacing protections to those facilities as well.

