

WEVV-TV, Evansville, Indiana chooses Electronics Research Dual Channel TRASAR UHF Television Antenna



The ERI model ATW27H5-HTOL-44S is a top mounted traveling wave antenna designed to transmit both analog channel 44 and WEVV-DT on channel 45.

WEVV-TV, Channel 44, and WEVV-DT, channel 45, installed a dual adjacent channel TRASAR antenna during the summer of 2005. WEVV is the CBS affiliate serving Evansville, the nation's 99th largest television market and is owned by Communications Corporation of America. The ERI model ATW27H5-HTOL-44S is a top mounted traveling wave antenna designed to transmit both analog channel 44 and WEVV-DT on channel 45. The TRASAR antenna provides an omnidirectional azimuth pattern and features a fully enclosed, pressurized, radome to provide protection from icing, any corrosive environmental factors, and increases the useful service life. WEVV-TV is licensed an effective radiated power (ERP) of 1,230 kilowatts and WEVV-DT is authorized an ERP of 500 kilowatts. The antenna replaced WEVV's previous top mounted channel 44 antenna at their transmitter site located in Henderson, Kentucky.

MARSAND, INC., a registered Professional Engineering consulting firm, provided system engineering, technical consulting, and project management services throughout the antenna replacement project. MARSAND is based in Alvarado, Texas.

The antenna installation was performed by the H.C. Jeffries Tower Company, Inc. based in Porter, Texas.