

Edwards Technologies of Oklahoma City, Oklahoma manufactures a line of antenna systems for the FM Broadcast band in the United States and abroad. We need an experimental license to test new designs of antenna systems for quality of coverage, field strength and coverage. Data derived from this experimentation will be used to compute antenna system gains and performance as well as assuring compliance with FCC tolerances.

Our latest antenna system is being designed in response to the new LPFM needs as well as translators boosters and current NCE stations. Additional designs in a circularly polarized design and elliptical polarization. The antennas conform with basic RF theory of operation. Our designs however perform better in multi-path situations and lower AGL installations while reducing sky wave and downward radiation.

Our new antenna systems will substantially lower the cost of new station installations and upgrades due to our light-weight yet rugged designs.

All transmission equipment with the exception of the antenna system will be FCC certified and will not create interference

WE PROVIDE ANTENNAS BASED OFF OF J-POLE, FOLDED DIPOLE, ROTOTILLER, VERTICAL, CIRCULAR, ETC. A GENERAL LICENSE COVERING ALL TYPES OF POLARIZATION IS NEEDED.

OUR TEST FACILITY IS NOT LOCATED NEAR LOCAL AIRPORTS AND NO INTERFERENCE TO OTHER SERVICES IS EXPECTED. WE UNDERSTAND THAT IF SUCH INTERFERENCE SHOULD EVER OCCUR WE WILL CEASE THE TRANSMISSION IMMEDIATELY UPON NOTIFICATION. A GENERAL FREQUENCY SEARCH USING UPDATED COMSTUDY 2.2 DATA FILES WILL BE PERFORMED TO INSURE NO INTERFERENCE WILL BE CAUSED TO ANY EXISTING OR FUTURE SERVICES. 1