

Phoenix Market Auxiliary Antenna Technical Exhibit.

This application is part of a group for new auxiliary facilities for our stations in the Phoenix, AZ market.

Auxiliary facilities for 5 stations are to be located on a tower identified by antenna structure registration number 1308803. Three antenna will be located on this tower for these auxiliary facilities, two ERI SHPX-4AC6-HW-SP and one ERI SHPX-4AC-HW. Each of these are – 4 element array antenna with half wave spacing between elements.

An ERI SHPX-4AC6-HW-SP antenna mounted at 39.6 meters AGL will be shared by diplexing stations KMXP (FM) and KYOT (FM).

An ERI SHPX-4AC6-HW-SP antenna mounted at 45.7 meters AGL will be shared by stations by diplexing KNIX(FM) and KZZP (FM).

Mounted at the same 45.7 meter AGL, but on an different side of the tower will be an ERI SHPX-4AC-HW for use by KESZ

Each station will operate with a maximum ERP of 29 kW.

The RF environment at this multi user site is complex, the applicant will take and submit RF field measurements as part of the license to cover process.