

Information pertaining to license KA2XGR:

Maximum Power is 2.3 kWatts (ERP) - 3000-3100 MHz

Type of antenna is pulsed frequency modulation.

Antenna gain is 30.5dBi.

Elevation of site above mean sea level is: 137 feet (NL 39-10-56; WL 76-42-03)

Height above ground of focal point of the antenna is 25 feet. Antenna is on a pedestal.

Antenna polarization is linear horizontal.

Antenna rotates 360 degrees.

Pulse repetition frequency for 3000-3100 MHz is staggered depending on what Nautical Mile mode the unit is set for. PRF can be: 227Hz, 275Hz, 304Hz. We will use a PRF of 227 and 275Hz for testing.

Pulse width is 6.8uSec, 18uSec, or 90uSec for 3000-3100 MHz.

The equipment nomenclature is TPS-70

The equipment does have blanking capability.

Radius of operation can be set to 80, 120 or 160 nautical miles.

<u>Frequency</u>	<u>Station Class</u>	<u>Emission Designator</u>	<u>Authorized Power</u>
3000 - 3100MHz	FX	N0N	2.3 kW (ERP)