

The Boeing Company

5301 Bolsa Ave

M/C: H012-A237

Attn: Daniel McNeil

Technical Specifications:

Transmit Power: 30 Watts

Antenna Gain: 20 dBi

Transmitter Loss: 0 dB

Bandwidth: 1.5 GHz

Frequency Range: 10-12 GHz

Locations:	Latitude:	Longitude:	Radius(km) (centered)
Huntington Beach, CA:	33-44-53N	118-02-14W	20
Lancaster, CA / Edwards AFB:	34-49-30N	117-49-22W	48
Victorville, CA:	34-35-16N	117-22-31W	48
St. Louis, MO:	38-45-03N	90-20-43W	32
St. Charles, MO:	38-55-35N	90-25-23W	32
Pacific, MO:	38-29-07N	90-43-56W	32
Warrenton, MO:	38-44-56N	91-06-54W	32
Fort Leonard Wood, MO:	37-44-30N	92-08-30W	32
Vandalia, IL:	38-59-30N	89-10-00W	32
Valmeyer, IL:	38-18-11N	90-18-16W	32

The purpose of this program is to conduct research and development on an experimental navigation aid radar. The radar will utilize a 30 Watt transmitter, a 20 dBi gain antenna, operating within the x band (10-12 GHz), with an occupied bandwidth up to 1.5 GHz. The testing will be conducted in Southern California, Missouri, and Illinois.