

Technical Description

Boeing will be using the Persistent Systems radios to support network, voice, and video communications for our prototype laser weapon and other EO/IR systems, in order to develop these technologies and advance our products for sale to the U.S. government. We anticipate using a maximum power configuration only for limited field operations in remote areas, not more than a few weeks a year and not more than 8 hours a day.

BOEING AGREES TO SATY A MINIMUM OF 10KM AWAY FROM KIRTLAND AIR FORCE BASE TO AVOID HARMFUL INTERFERENCE TO THEIR S-BAND SYSTEMS.

Emission: 20M0D1D

The **actual** power output of the radios is 22mW up to 3.2W.

Requesting 4 frequencies within the 2.2GHz-2.3GHz for field operations, 20MHz bandwidth.

1. Locations for emission:

- Location #1: Balloon Fiesta Park, ABQ, NM @ 35.1976°N, -106.5904°E, EL 1563m MSL, Radius 25km
- Location #2: West Mesa, ABQ, NM @ 35.218251°N, -106.856289°E, EL 1855 m MSL, Radius 25km
- Location #3: Boeing Glasgow, MT @ 48.4141°N, -106.5232°E, EL 843m MSL, Radius 25km

Stop Buzzer: Rob Fetner- (505) 274-2549 robert.h.fetner@boeing.com