

Local Area Multilateration System (LAMS)  
FCC Request for information

Frequencies

- 1030 MHz Requires NG T
- 1090 MHz Requires NG T

Rates of Interrogation

- Maximum Interrogation rate is 2 Hz consisting of 1 Mode A and 1 Mode C couplet per interrogation

Type of Antenna

- Interrogator (1030 MHz) is DBs Systems 610 DME
- Cal/BIT (1090 MHz) is DBs Systems 610 DME

Transmit Antenna Gain

- Interrogator (1030 MHz): 6.3 dBi. Antenna is highly directional with beamwidths +/- 30 degrees in azimuth and 1 to 20 degrees in vertical.
- Interrogator (1030 MHz): 6.3 dBi. Antenna is highly directional with beamwidths +/- 30 degrees in azimuth and 1 to 20 degrees in vertical.

Site Elevation

- Taos is at 2161 meters MSL
- Green Mountain is at 3403 meters MSL

Antenna Height above Ground

- Taos: 4 feet
- Green Mountain 30 feet

Antenna Polarization

- Vertical for all