

Why an STA License is Necessary

A Special Temporary Authority (STA) is required to support temporary communication link testing.

Purpose of Operation

The purpose of this license is to support system development, testing and demonstrations.

Required Dates: 07/01/2016 to 01/01/2017

Transmitter Information:**Location 1:**

- Site Location: Boeing Mesa, AZ
- Lat/Long: 33-28-09 N 111-43-41 W (33.469198 N 111.728110 W)
- Coordinates: within .2 Kilometers of above lat/long
- Tuning range: 37.5-43.5 GHz Cassegrain
- Tuning range: 47-53 GHz Horn
- Maximum effective radiated power (ERP): 400 Watts for horn
- Maximum effective radiated power (ERP): 24,275 Watts ERP for Cassegrain
 - o (39,810 Watts EIRP) (1 watt amp + 46 dB gain)
- Emissions: 5G0D7W and N0N (CW) test tones

Location 2: Boeing Mesa Antenna Range

- Site Location: Boeing Mesa, AZ
- Lat/Long: 33-28-09 N 111-43-41 W (33.469198 N 111.728110 W)
- Coordinates: within .2 km of above lat/long
- Tuning range: 37.5-43.5 GHz Cassegrain
- Tuning range: 47-53 GHz Horn
- Maximum effective radiated power (ERP): 400 Watts for horn
- Maximum effective radiated power (ERP): 24,275 Watts ERP for Cassegrain
 - o (39,810 Watts EIRP) (1 watt amp + 46 dB gain)
- Emissions: 5G0D7W and N0N (CW) test tones

Stop Buzzer Contact Information

The "Stop Buzzer" point of contact is Gary Stuck at 480-544-4275.