

Technical Description

Application POC:

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Purpose:

To use a GPS Re-Radiation device to test GPS receivers in both the L1 and L2 bands.

GPS Re-Rad System:

GPS Networking L1/L2GHNRRKIT

Frequency Request:

| Frequency | Emission | Power (ERP) |
|-------------|----------|-------------|
| 1575.42 MHz | 24M0G1D | 6.0954 pW |
| 1227.60 MHz | 24M0G1D | 9.6605 pW |

Location:

Boeing Mesa
5000 East McDowell Rd
Bldg 560
Mesa, AZ
33-28-18.4 N, 111-43-28.3 W

NTIA 8.3.28:

- Device will be used indoors only.
- Concur. Device will be used for "Experimental RNSS Test Equipment for the purpose of testing GPS receivers" only.
- Area of operation is a controlled access facility and is only accessible by authorized personnel.
- See application attachments GPS_Calc_L1.pdf and GPS_Calc_L2.pdf
- Notice signs will be posted on all doors to test area when device is operational.
- Concur.
- See "Stop Buzzer" section below.

Stop Buzzers:

Isaac Hwang, 480-259-2817
John Reidhead, 480-262-6548