Description

Application POC:
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Purpose:
To test a RNSS under development.

NTIA Manual, 8.3.28:
e. The area of potential interference to GPS reception (e.g., military or contractor facility) has to be under the control of the user.
The facility where testing will occur will be under the control of Boeing personnel. Access will be allowed to authorize personnel only.

f. The maximum equivalent isotropically radiated power (EIRP) must be such that the calculated emissions are no greater than -140 dBm/24 MHz as received by an isotropic antenna at a distance of 100 feet (30 meters) from the building where the test is being conducted. The calculations showing compliance with this requirement must be provided with the application for frequency assignment and should be based on free space propagation with no allowance for additional attenuation (e.g., building attenuation.)
Please reference the attached documents titled “Link Budget – L1” and “Link Budget – L2”.

g. GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
All GPS users in the area will be notified. Signs will also be posted inside and outside testing location warning of potential GPS interference.

h. The use is limited to activity for the purpose of testing RNSS equipment/systems.
Testing is for a RNSS equipment/system. We will be testing a GPS system.

i. A "Stop Buzzer" point of contact for the authorized device must be identified and available at all times during GPS re-radiator operations.
Sean McWilliams, 480-249-7086.