



Exhibit addressing each requirement under the NTIA Redbook Section 8.3.27

8.3.27 Use of Fixed Devices That Re-Radiate Signals Received From the Global Positioning System

- a. The unit is only used indoors.
- b. Application already submitted
- c. Approved applications for frequency assignment will be entered in the GMF.
- d. A renewal will be investigated if needed after 2 years.
- e. The area of potential interference will be in a controlled facility.
- f.

Receive Ant Gain	Ant Cable Insertion Loss	Repeater Amp Gain	Repeater Ant Gain Best Case	Range in Feet	Repeated Signal Power @ Range In dBm
4	-10	30	3	15	-152.61
GPS Carrier Frequency MHz			Total System Gain	Range in Miles	Total Signal Power @ Range in Watts
1575			27	0.00	547.7E-21
Avg Receive Power L1 dBm North America				Range in Meters	Radiated Power dBm
-130				4.68	-103
Free Space loss with Isotropic Antennas				Range in Kilometers	Transmitted Power (W)
-49.61				0.00	25.1E-15
					Effective Radiated Power (W)
					50.1E-15
					Effective Radiated Power (dBW)
					-133

- g. User will be notified
- h. The purpose of testing is only to test RNSS equipment/systems
- i. "Stop Buzzer" POC: John Parrott john.parrott@esaero.com

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