



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
33	-10	30	3	100	-140.09
GPS Carrier Frequency MHz		Total System Gain		Range in Miles	Total Signal Power @ Range in Watts
1575		56		0.02	9.8E-18
Avg Receive Power L1 dBm North America				Range in Meters	Radiated Power dBm
-130				31.17	-74
Free Space loss with Isotropic Antennas				Range in Kilometers	Transmitted Power (W)
-66.09				0.03	20.0E-12
					Effective Radiated Power (W)
					39.8E-12
					Effective Radiated Power (dBW)
					-104

- 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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