

Responses to the 10 Points in the NTIA Requirements

1. Only one device will be used at the testing facility for which authorization is requested.
2. The application is for transmit station, as required, and it will be used as an “Experimental RNSS Test Device for the purpose of testing GPS receivers that are an integral component of the Target under test.”
3. This will be done by the NTIA after the approval of the application.
4. FCC/NTIA can approve the assignment for two years, as opposed to the three years requested.
5. The operation will be in a fixed location at our testing facility in Sacramento.
6. The area is under CEi’s control.
7. The maximum EIRP at a distance of 100 ft is less than -140 dBm/24 MHz. Please see the calculations below:

GPS Repeater Maximum EIRP at 100 Feet		
Maximum EIRP	dBm/24 MHz	-73.98
Distance	ft	100
Frequency	MHz	1575.42
Free Space Loss	dB	66.07
EIRP at 100 ft	dBm/24 MHz	-140.05

8. There are no known GPS users in close proximity of the testing facility.
9. As required, the use will be limited to testing the equipment on the Target.
10. “Stop Buzzer” point of contact is Mr. Tom Nelson, who could be reached at (916) 612-8162.