

**EXHIBIT**  
**NTIA Section 8.3.28 Certification**

1. BNSF certifies the GPS passive repeaters are for indoor use only, at the company's Topeka Maintenance Terminal facility as provided in the application accompanying this exhibit.
2. The modification application for an additional frequency assignment has been submitted requesting an XT station class indicating the GPS passive repeaters will be used as "Experimental RNSS Test Equipment for the purpose of testing GPS receivers".
3. The approved application for frequency assignment for BNSF's operations will be entered in NTIA's government master file (GMF).
4. The proposed operations have been requested for no more than two years, with possible renewal should additional operations be required.
5. The area of potential interference to GPS reception (e.g., military or contractor facility) is under the control of the user.
6. The maximum equivalent isotropically radiated power (EIRP) 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 facility. 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.) Copies of the link budget calculations are attached for reference.
7. Signs will be posted to notify GPS users in the area to potential interference to GPS reception that GPS information may be impacted for periods of time.
8. The GPS passive repeaters operation will be used for the purpose of testing RNSS equipment/systems.
9. Jeffrey Gray (913-551-4640) is the "Stop Buzzer" point of contact for the authorized GPS passive repeaters and is available at all times during GPS re-radiation operation of the devices under any condition.