

TO: Jose Trevino
DATE: May 21, 2010
APPLICANT: City of Wichita Falls
FILE NUMBER: 0185-EX-PL-2010
CORRESPONDENCE REFERENCE NUMBER: 10852
DATE OF ORIGINAL EMAIL: 05/05/2010

This filing responds to the above referenced correspondence from the FCC which requested that the Applicant address various issues. Accordingly, it provides the following information:

1. The use of each device will be indoors in each fire station location. This project is to test the use of repeater kits in a indoor environment to allow tracking of fire company vehicles from the devices located inside the City of Wichita Falls fire stations, that is not possible presently.
2. Each site is an XT station class and the device to be used is Experimental RNSS Test Equipment to be used are GPS receivers to test new experimental equipment in six fire stations in the City of Wichita Falls, Texas on 1227.6 MHz and 1575.42 MHz for the design, development and enhancement of existing GPS repeater kits, along with new product testing and trouble shooting of previously manufactured equipment. The GPS Source, Inc. equipment is the GPSRKL1 repeater kit which includes active L1 frequency band antenna. The L1 band is most often those in common GPS applications for public safety. The City believes that this program of experimentation will increase the ability of fire companies to track fire equipment by personnel inside the fire stations, which will be a breakthrough since at this point tracking the vehicles is blocked by the buildings themselves.
3. The approved application for frequency assignment will be entered in the GMF.
4. The Applicant intends to test this equipment for the time period of 24 months.
5. Any area of potential interference to GPS reception (e.g., military or contractor facility) will be under the control of the fire personnel of the City of Wichita Falls at all times during use.
6. Applicant has added exhibits to show compliance with NTIA guidelines attached to this email.
7. The fire personnel of the City of Wichita Falls will notify GPS users in the area of potential interference to GPS reception that GPS information may be impacted for periods of time while the equipment is being tested.
8. The fire personnel of the City of Wichita Falls is on notice that the use is limited to activity for the purpose of testing RNSS equipment/systems.
9. Point of contact is Blake Jurecek, cell phone number: (940) 867-7063.



Experimental
Device Calculatio...



Repeater Budget
Calculations1....

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