

- a. Natural GPS signals will be re-radiated inside a laboratory (with commercially available GPS re-radiating antennae and amplifiers) for the functional testing and monitoring of devices currently in various phases of design. A rooftop-mounted GPS antenna will receive the natural GPS signal, and that signal will be re-radiated by equipment indoors for the purposes described above.
- b. Accomplished objective is to provide reliable GPS signal reception for devices functioning indoors, during various tests performed on units in various stages of design, which use GPS signals as vital information in the performing of their tasks.
- c. Reliable reception of GPS signals generally requires a line-of-sight view of the sky above, which is not available indoors, therefore re-radiating this signal indoors is required to properly carry out the necessary testing.