

GPS repeater operation

The GPS re-radiating system will be used to provide real time GPS satellite signals for use inside of an electronic manufacturing facility. The GPS repeater does not generate any RF signals, it only rebroadcasts an existing GPS signal from a roof mounted antenna to an antenna located inside of a building. This signal will be used to test a handheld mobile device in a production environment. Once in production, the closest exterior wall will be approximately 100 feet away from the rebroadcast antenna.