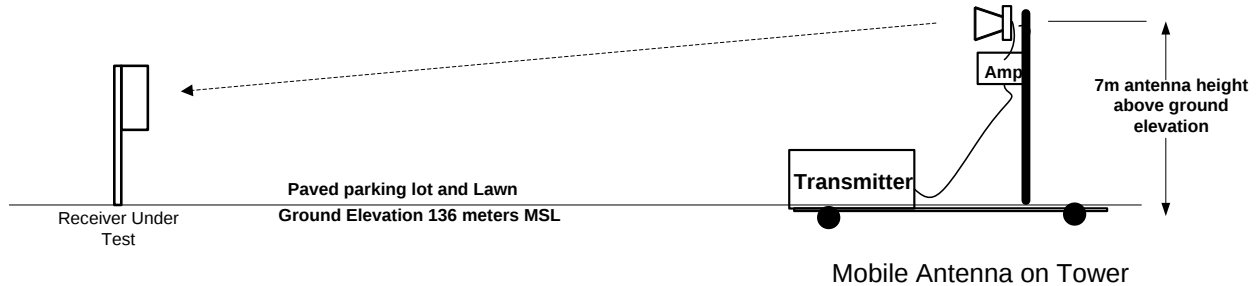


Antenna Sketch

Operation of a mobile test tower is proposed using commercially available signal generators, amplifiers, and antenna. The mobile test tower is self contained and can transmit while moving or in a fixed position within a 1Km radius around the station location coordinates.



Antenna:

Manufacturer: Corry Micronics

Model #: CMILB-25-251

Type: Horn

Gain: 25 dBi

Beam Width: 10° Elevation, 10° Azimuth

Polarization: Vertical or Horizontal, Non-Circular

Height: up to 20 feet above ground level

Orientation in the horizontal plane: 0 - 360 deg in Azimuth

Orientation in the vertical plane: 60 -120 deg (sketch shows a 90 deg orientation)