

## **ANTENNA DESCRIPTION**

### Equipment Information:

Manufacturer: Ericsson

Modulation schemes: MultiPoint to MultiPoint Integrated Antenna

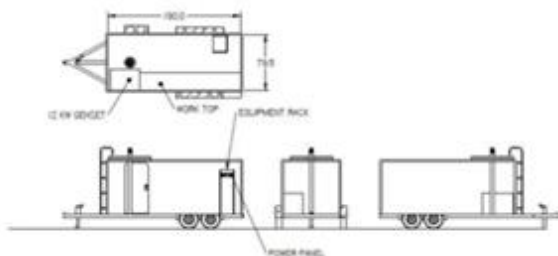
Station modulation rates: 256 QAM, 64 QAM, 16QAM, QPSK

Mean Peak power: 53 dBm

The antennas will be mounted on a mobile trailer and van with hydraulic masts, which will be moved to each of the requested test locations. In most cases, surrounding buildings and trees are taller than the masts; significant nearby natural features and man-made structures are identified in the STA Form site descriptions. The trailer mast can be raised to 10.7 meters, but the van mast will not exceed 6 meters. The masts on both the trailer and van will be raised only when testing is being conducted.

The Cell on Wheels (COW) will have antennas mounted on a mast.

The Image Below is for conceptual illustration only. Per the application, the height of the mast and/or attached components shall NOT exceed 10.7 meters from the ground, during any field work





Mast and components will not extend beyond 10.7 meters above ground.