

Additional Space / Ground Information
Related to CHOMPTT Modification Application 0060-EX-CM-2018

Space Station (same for both antennas)

Polarization: Linear

Orientation: Earth pointing

Antenna Dimension: Gain 1.8 dBi, Beam width 110 degrees

Ground station

Polarization: Horizontal

Orientation: 0 to 360 degrees horizontal, 10 to 90 degrees vertical

Antenna Dimensions:

Gain 16.02 dBi, Beam width 30 degrees,

Azimuth 0 to 360 degrees clockwise from True North

Elevation (in meter above MSL) Site elevation is 25 meters above MSL

Height (in meter above MSL) Antenna height is 7.6 meters above site elevation, so it is 32.6 meters above MSL.