

## Description - X band antenna

The x band antenna operating around 8.225 GHz is a patch antenna, installed nadir pointing on the Dove-2 cubesat.

Maximum gain is 5 dBi, pointed nadir. The gain drops to -1 dBi at elevation angles of 10 degrees.

The 3dB beamwidth is 90 degrees.

The polarization is RHCP.