

a)

Inclination angle: **97.6 deg**

Apogee in kilometers: **550**

Perigee in kilometers: **550**

Orbital period in hours and fractions of hours in decimal: **1.59**

Number of satellites in the system: **1**

b)

Satellite transmitter antenna gain: **5.19 dBi**

Satellite transmitter antenna beamwidth: **360 deg**

c)

Satellite transmitter antenna azimuth, narrowbeam: **N/A, no narrowbeam antenna on satellite**

Satellite transmitter antenna azimuth, earth coverage: **N/A, idem**

d)

Earth station receiver antenna gain: **19 dB**

Earth station receiver beamwidth: **20 – 30 deg**

Earth station receiver azimuthal range: **0 – 360 deg**

Earth station receiver site elevation above mean sea level in meters: **TBD (India)**

Earth station receiver antenna height above terrain in meters: **TBD (India)**

e)

Earth station receiver antenna azimuth: **0 – 360 deg**

Earth station receiver minimum angle of elevation (V00 to V90): **0 deg**