

REPLY TO REQUEST FOR ADDITIONAL INFORMATION

In response to a recent request for additional information, we provide the following details related to the spacecraft and the earth station:

1. Satellite coverage (Narrow Beam(NB) or Earth Coverage(EC)), **North America**
2. Receive antenna gain, **Please see table**
3. Beamwidth of the receive antenna at the half power points. **Not standard antenna pattern, please see GXT23 and GXT24 from [S2807](#) Schedule GTX files.**
4. Antenna polarization **Please see table**

Transponder	Polarization	Rx Gain
KRH	H (parallel with equator)	33.9
KRV	V (orthogonal to equator)	33.6

Please provide the following information with respect the transceiver ground-station antenna:

1. Transmit antenna gain (dbi), **35.97**
2. Beamwidth of transmit antenna at the half-power points, **2.65**
3. Transmit antenna azimuth, **214.1°**
4. Elevation of transmit antenna MSL (in meters), **125m**
5. Elevation of transmit antenna AGL (in meters), **3.45**
6. Antenna polarization **H and V**