

## TTC 800KF9D

| <b>Link Parameters</b>           | <b>Units</b> | <b>800KF9D</b> |
|----------------------------------|--------------|----------------|
| Uplink Frequency                 | GHz          | 6.17           |
| Carrier Bandwidth                | kHz          | 800.0          |
| <b>Uplink:</b>                   |              |                |
| Nominal E/S e.i.r.p. per carrier | dBW          | 75.0           |
| Earth Station Diameter           | m            | 9.0            |
| Earth Station Gain               | dBi          | 53.4           |
| Uplink Input Power per Carrier   | dBW          | 21.6           |
| Free Space Loss                  | dB           | 199.9          |
| G/T Satellite                    | dB/K         | -24.1          |
| CNR uplink                       | dB           | 20.6           |
| CNR required                     | dB           | 10.0           |
| Margin                           | dB           | 10.6           |