

TELESTO

MTSAT HRIT & LRIT, FY-2 SVISSR & GOES GVAR, COMS
High-performance, turn key geostationary satellite ground stations
perfect for weather forecasting and research



REMOTE SENSING

PERFORMANCE SPECIFICATIONS

ANTENNA

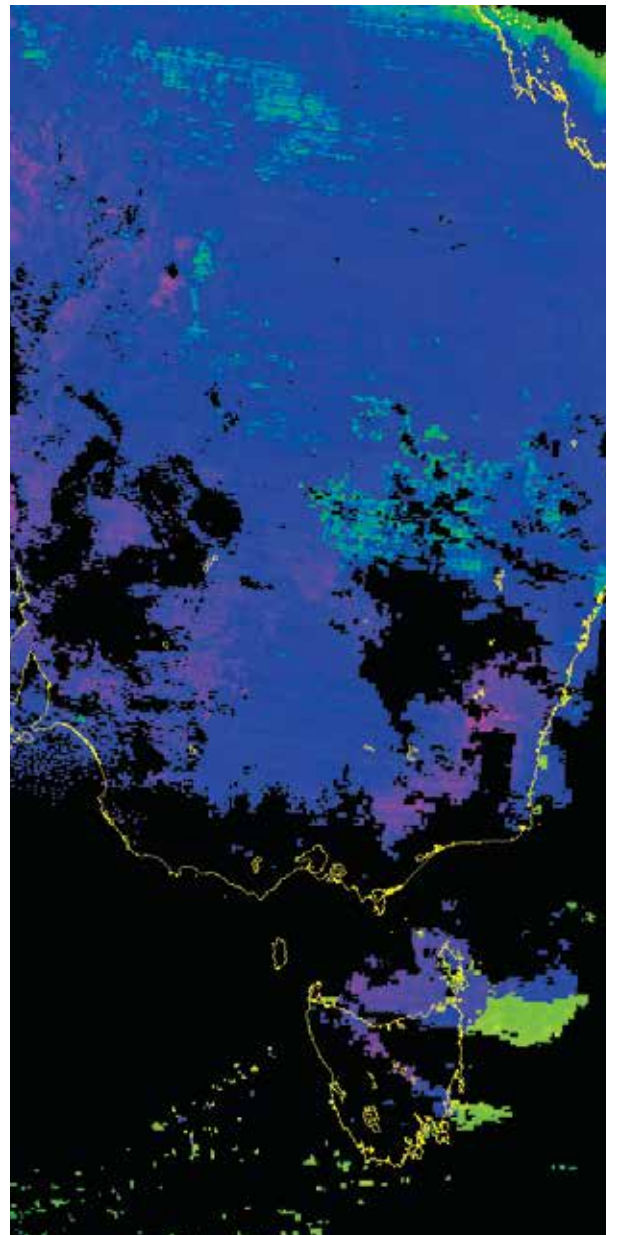
| | |
|------------------------|--------------------------|
| Aperture | 3.6/3.7m |
| 3dB Beamwidth | 3.6 Degrees |
| Antenna Gain at 1.7GHz | 34dB |
| Material | Aluminium |
| Coating | Polyester Powder Coating |

DOWNCONVERTER

| | |
|-------------------------|---------------------|
| Noise Figure | 1.2dB typical |
| Input Center Frequency | 1691.000 MHz y |
| Output Center Frequency | 137.500 MHz |
| Conversion Gain | >50dB, 52dB typical |
| Output Impedance | 50 ohms |
| Temperature (Operating) | -40 to 60 degrees C |

RECEIVER

| | |
|-------------------------|----------------------------------|
| Input Frequency | 126 to 154 MHz |
| Input Dynamic Range | -90 to -50dBm |
| Input Impedance | 50 ohms |
| Demodulation Modes | BPSK, PSK |
| Support Symbol Rates | 0.1 to 2.7 MSPS |
| Temperature (Operating) | 0 to 50 degrees C non-condensing |
| Interface | RS-232 9600 baud |



TYPICAL TELESTO CONFIGURATION

