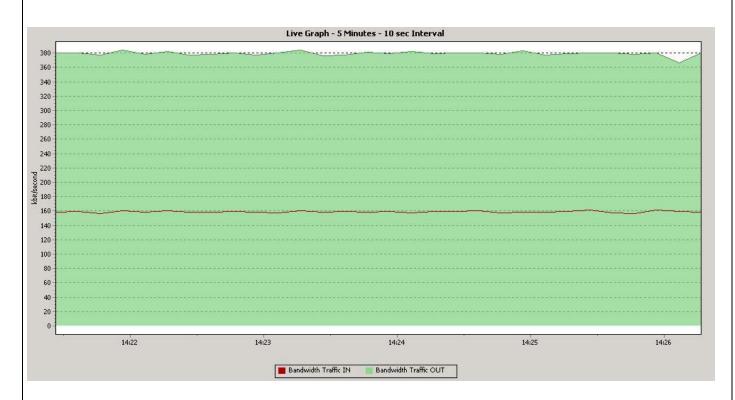# prodemge

# TERMO DE ACEITE TÉCNICO

**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

| **NOC/Operadora:** Renan Borges Sousa | **Operadora/Cliente:** Airton Gabriel do Nascimento Moro |
|---|---|
| **GRE/Prodemge:** Márlu da Silva Santos | **Responsável/cliente:** Alcione Geralda Silva Souza |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-BEIM-3790 | 384/153 | VSAT |



Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0    13.333000      11.588250  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588229 GHz
Symbol Rate         : 13.333003 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.0 dB
Input Power         : -31 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -11 dBm
IDU max output power: 0.0 dBm
EIRP                 : max
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
----------------------------------
State                : On (TDMA)
IDU Output Power     : -11.5 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : -200 us (260889 us)
Frequency correction: -200 Hz


IP DVB 10.148.1.142/32


Pinging 10.146.109.1 with 32 bytes of data:

Reply from 10.146.109.1: bytes=32 time=541ms TTL=62
Reply from 10.146.109.1: bytes=32 time=585ms TTL=62
Reply from 10.146.109.1: bytes=32 time=573ms TTL=62
Reply from 10.146.109.1: bytes=32 time=583ms TTL=62
Reply from 10.146.109.1: bytes=32 time=539ms TTL=62
Reply from 10.146.109.1: bytes=32 time=613ms TTL=62
Reply from 10.146.109.1: bytes=32 time=633ms TTL=62
Reply from 10.146.109.1: bytes=32 time=557ms TTL=62
Reply from 10.146.109.1: bytes=32 time=666ms TTL=62
Reply from 10.146.109.1: bytes=32 time=588ms TTL=62

Ping statistics for 10.146.109.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 539ms, Maximum = 666ms, Average = 587ms
```