# prodemge

# TERMO DE ACEITE TÉCNICO

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

| | |
|---|---|
| **NOC/Operadora:** Renan Borges Sousa | **Operadora/Cliente:** Alexandre Pascoal da Silva |
| **GRE/Prodemge:** Márlu da Silva Santos | **Responsável/cliente:** Nazira Feres de Lima Moura |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-PAVA-3562 | 384/153 | VSAT |



Live Graph - 5 Minutes - 10 sec Interval
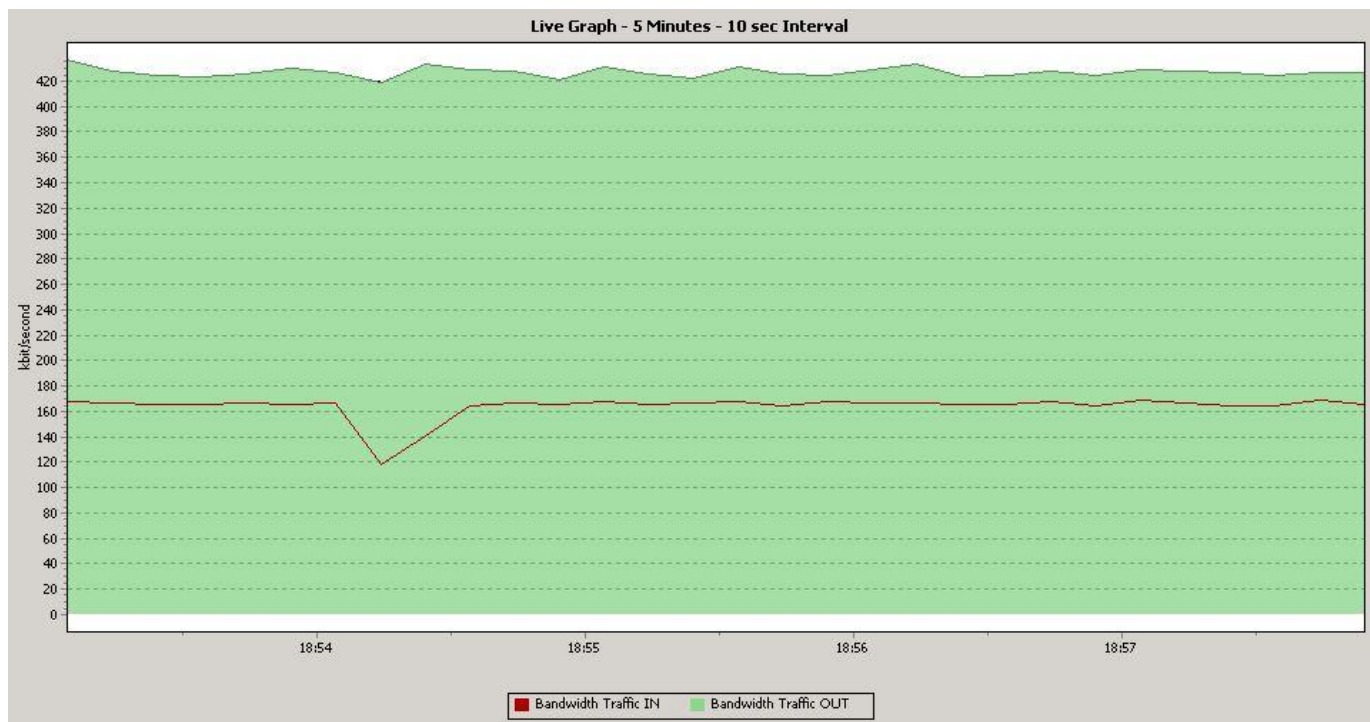
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]   Mode   PopId    Enable
* 0   0    13.333000      11.588250   DVB-S2 2         Yes
  1   1    0.000000        0.000000   DVB-S2 2         No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588160 GHz
Symbol Rate         : 13.332855 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                 : 13.0 dB
Input Power         : -33 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -22 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    : -16.9 dBm
ODU Output Power    : 33.5 dBm
EIRP                : 46.8 dBW
Es/No               : 13.5 dB
Header Compression  :  DSM-CC
Timing correction   : 36 us (260922 us)
Frequency correction: -140 Hz
#

IP DVB 10.148.2.43/32

Pinging 10.145.195.1 with 32 bytes of data:

Reply from 10.145.195.1: bytes=32 time=611ms TTL=62
Reply from 10.145.195.1: bytes=32 time=534ms TTL=62
Reply from 10.145.195.1: bytes=32 time=550ms TTL=62
Reply from 10.145.195.1: bytes=32 time=566ms TTL=62
Reply from 10.145.195.1: bytes=32 time=577ms TTL=62
Reply from 10.145.195.1: bytes=32 time=597ms TTL=62
Reply from 10.145.195.1: bytes=32 time=520ms TTL=62
Reply from 10.145.195.1: bytes=32 time=536ms TTL=62
Reply from 10.145.195.1: bytes=32 time=551ms TTL=62
Reply from 10.145.195.1: bytes=32 time=567ms TTL=62

Ping statistics for 10.145.195.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 520ms, Maximum = 611ms, Average = 560ms
```