# prodemge

# TERMO DE ACEITE TÉCNICO

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

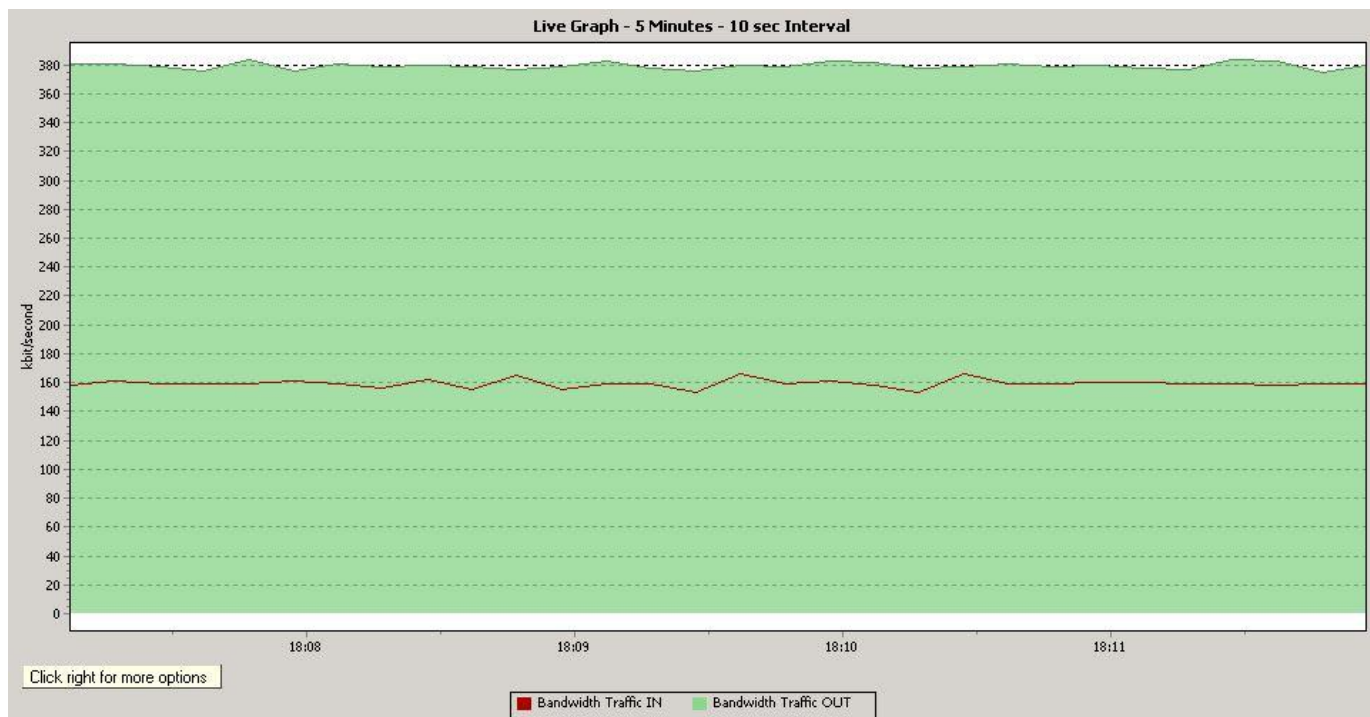| | |
|---|---|
| **NOC/Operadora:** Renan Borges Sousa | **Operadora/Cliente:** Jair de Oliveira |
| **GRE/Prodemge:** Márlu da Silva Santos | **Responsável/cliente:** Thays Maria Oliveira |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-LAAR-3654 | 384/153 | VSAT |



```
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  0          No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588289 GHz
Symbol Rate         : 13.332909 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                 : 13.2 dB
Input Power         : -33 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -30 dBm
IDU max output power: 0.0 dBm
EIRP                : 46.5 dBW
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    : -17.1 dBm
ODU Output Power    : 33.0 dBm
EIRP                : 46.3 dBW
Es/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : 13 us (261551 us)
Frequency correction: -100 Hz

IP DVB 10.148.2.61/32

Pinging 10.146.7.1 with 32 bytes of data:

Reply from 10.146.7.1: bytes=32 time=534ms TTL=62
Reply from 10.146.7.1: bytes=32 time=555ms TTL=62
Reply from 10.146.7.1: bytes=32 time=534ms TTL=62
Reply from 10.146.7.1: bytes=32 time=586ms TTL=62
Reply from 10.146.7.1: bytes=32 time=599ms TTL=62
Reply from 10.146.7.1: bytes=32 time=553ms TTL=62
Reply from 10.146.7.1: bytes=32 time=540ms TTL=62
Reply from 10.146.7.1: bytes=32 time=550ms TTL=62
Reply from 10.146.7.1: bytes=32 time=570ms TTL=62
Reply from 10.146.7.1: bytes=32 time=581ms TTL=62

Ping statistics for 10.146.7.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 534ms, Maximum = 599ms, Average = 560ms
```