| prodemge | TERMO DE ACEITE TÉCNICO |
|---|---|

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

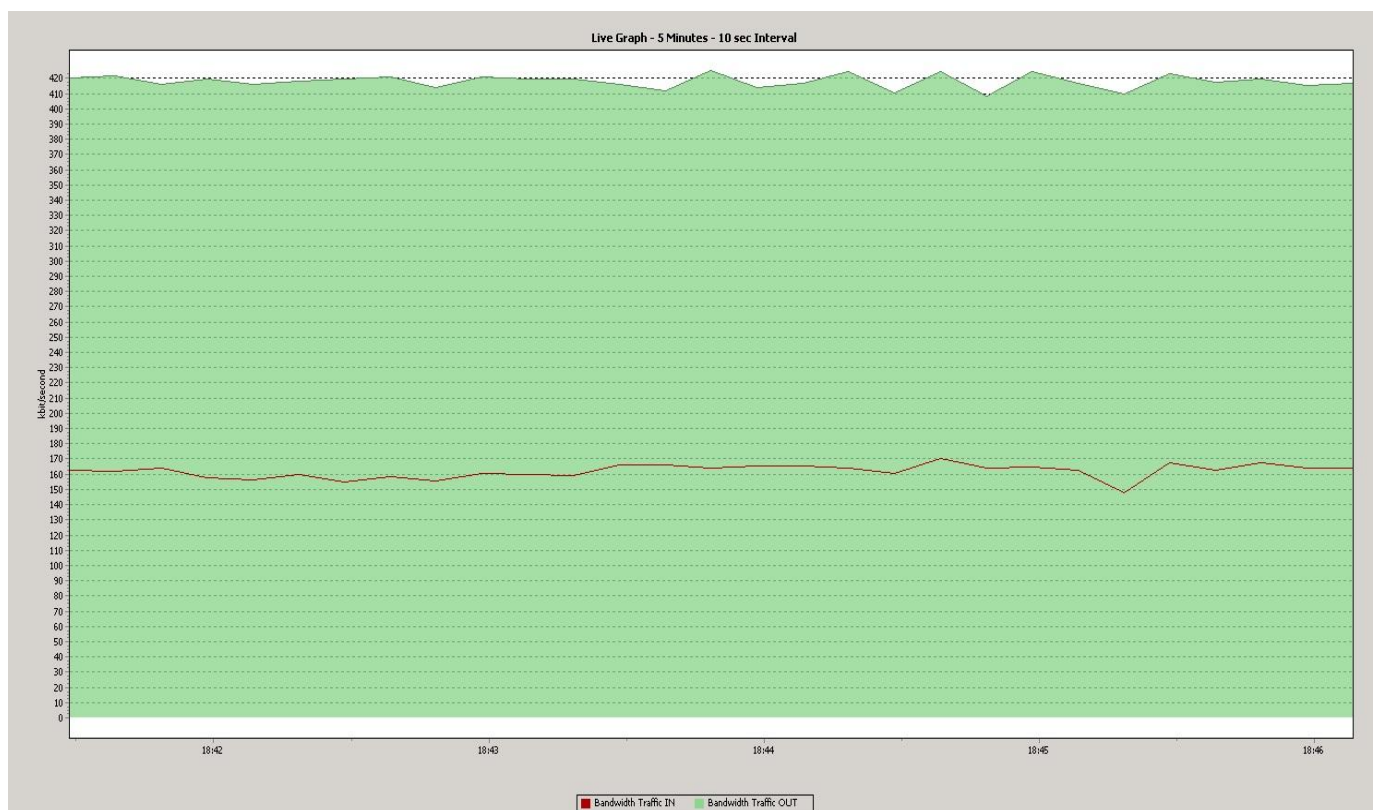| **NOC/Operadora:** Pedro Henrique da R. Bernardes | **Operadora/Cliente:** André da Silva |
|---|---|

| **GRE/Prodemge:** Douglas Alvares | **Responsável/cliente:** Lucenia Maura |
|---|---|

| **Consórcio** | **VSAT-ID** | **Porta kbps** | **Plataforma** |
|---|---|---|---|
| STM/Vodanet | SES-SAXO-4475 | 384/153 | VSAT |



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

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0    45.000000      11.606250  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606311 GHz
Symbol Rate         : 44.999817 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.4 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 32.7 dBm
EIRP                  : 46.0 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      : -19.5 dBm
ODU Output Power      : 32.5 dBm
EIRP                  : 45.8 dBW
Es/No                 : 10.0 dB
Header Compression  :  DSM-CC
Timing correction   : -5 us (251837 us)
Frequency correction: 220 Hz


IP DVB: 10.148.5.59/32


 Pinging 10.172.150.1 with 32 bytes of data:

 Reply from 10.172.150.1: bytes=32 time=523ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=544ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=554ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=631ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=586ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=608ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=531ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=540ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=560ms TTL=62
 Reply from 10.172.150.1: bytes=32 time=602ms TTL=62

 Ping statistics for 10.172.150.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 523ms, Maximum = 631ms, Average = 567ms
```