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

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

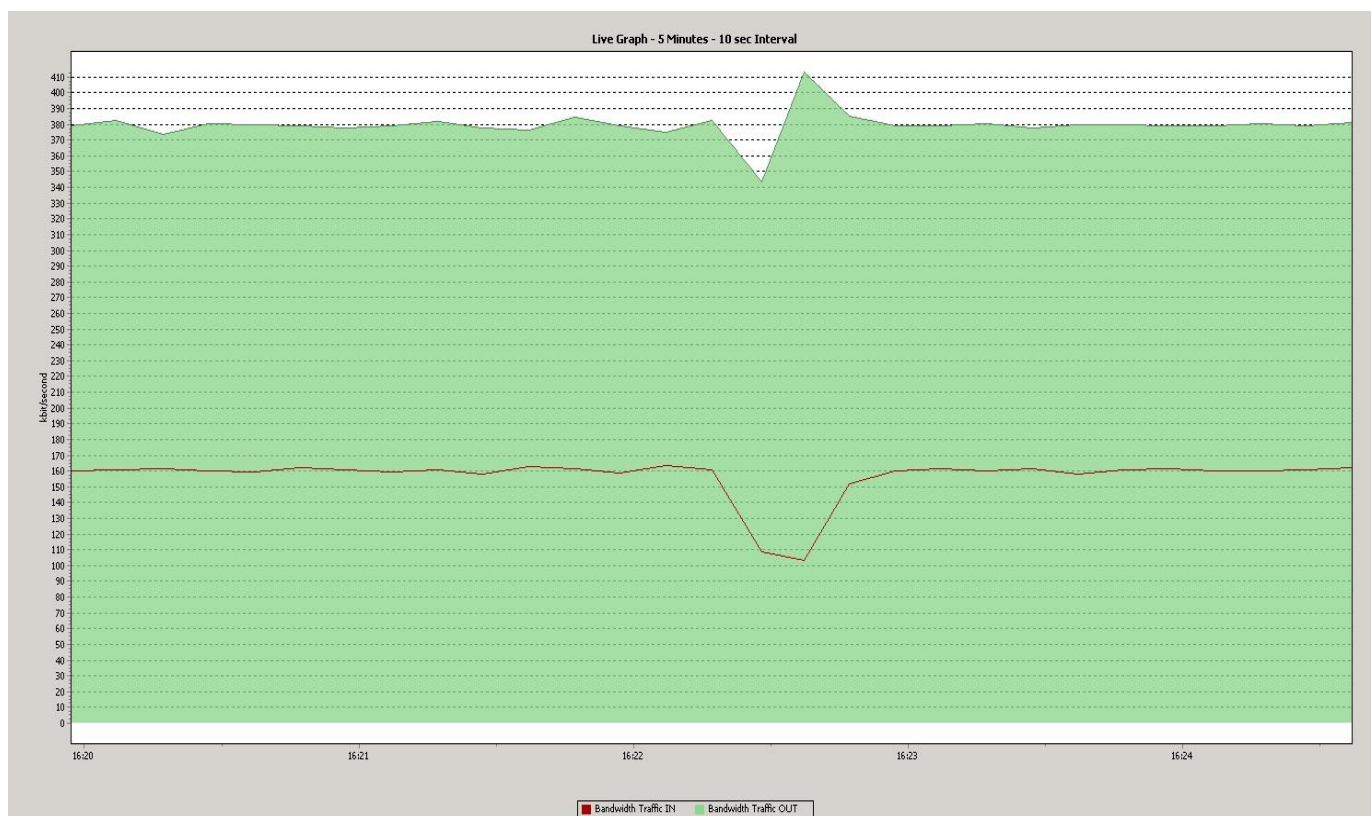| | |
|---|---|
| **NOC/Operadora:** Pedro Henrique da R. Bernardes | **Operadora/Cliente:** Andre da Silva |
| **GRE/Prodemge:** Douglas Alvares | **Responsável/cliente:** Vanessa Aparecida |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-TRAS-5277 | 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)
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           : 11.606271 GHz
Symbol Rate         : 44.999757 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         : -28 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     : -17.6 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 195 us (252247 us)
Frequency correction: 70 Hz


IP DVB: 10.148.5.166/32


 Pinging 10.174.80.1 with 32 bytes of data:

 Reply from 10.174.80.1: bytes=32 time=580ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=592ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=563ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=607ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=522ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=558ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=536ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=538ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=550ms TTL=62
 Reply from 10.174.80.1: bytes=32 time=521ms TTL=62

 Ping statistics for 10.174.80.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 521ms, Maximum = 607ms, Average = 556ms
```