| ▶ **prodemge** | **TERMO DE ACEITE TÉCNICO** |
|---|---|

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

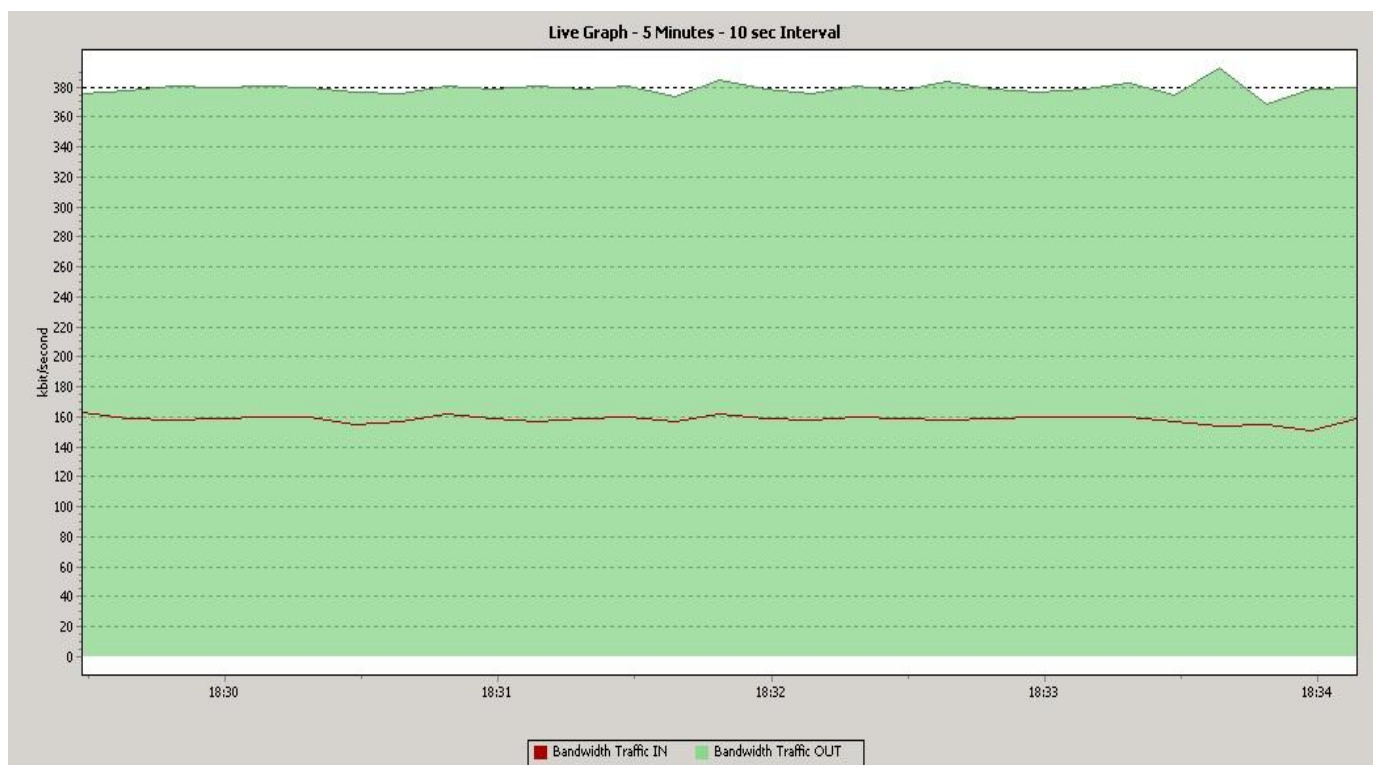| | |
|---|---|
| **NOC/Operadora:** Pedro Henrique da R. Bernardes | **Operadora/Cliente:** Sidinei de Paula |
| **GRE/Prodemge:** Douglas Alvares | **Responsável/cliente:** Marcos |

| **Consórcio** | **VSAT-ID** | **Porta kbps** | **Plataforma** |
|---|---|---|---|
| STM/Vodanet | SES-JAAS-5537 | 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
  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           : 11.606661 GHz
Symbol Rate         : 44.999335 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                 : 9.5 dB
Input Power         : -30 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -19 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : max
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    : -16.4 dBm
ODU Output Power    : 34.0 dBm
EIRP                : 47.5 dBW
Es/No               : 10.5 dB
Header Compression  :  DSM-CC
Timing correction   : 122 us (251929 us)
Frequency correction: 90 Hz


IP DVB: 10.148.3.121/32


 C:\>ping -n 10 10.173.87.1

 Pinging 10.173.87.1 with 32 bytes of data:

 Reply from 10.173.87.1: bytes=32 time=527ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=546ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=561ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=581ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=587ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=607ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=531ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=542ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=561ms TTL=62
 Reply from 10.173.87.1: bytes=32 time=576ms TTL=62

 Ping statistics for 10.173.87.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 527ms, Maximum = 607ms, Average = 561ms
```