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

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

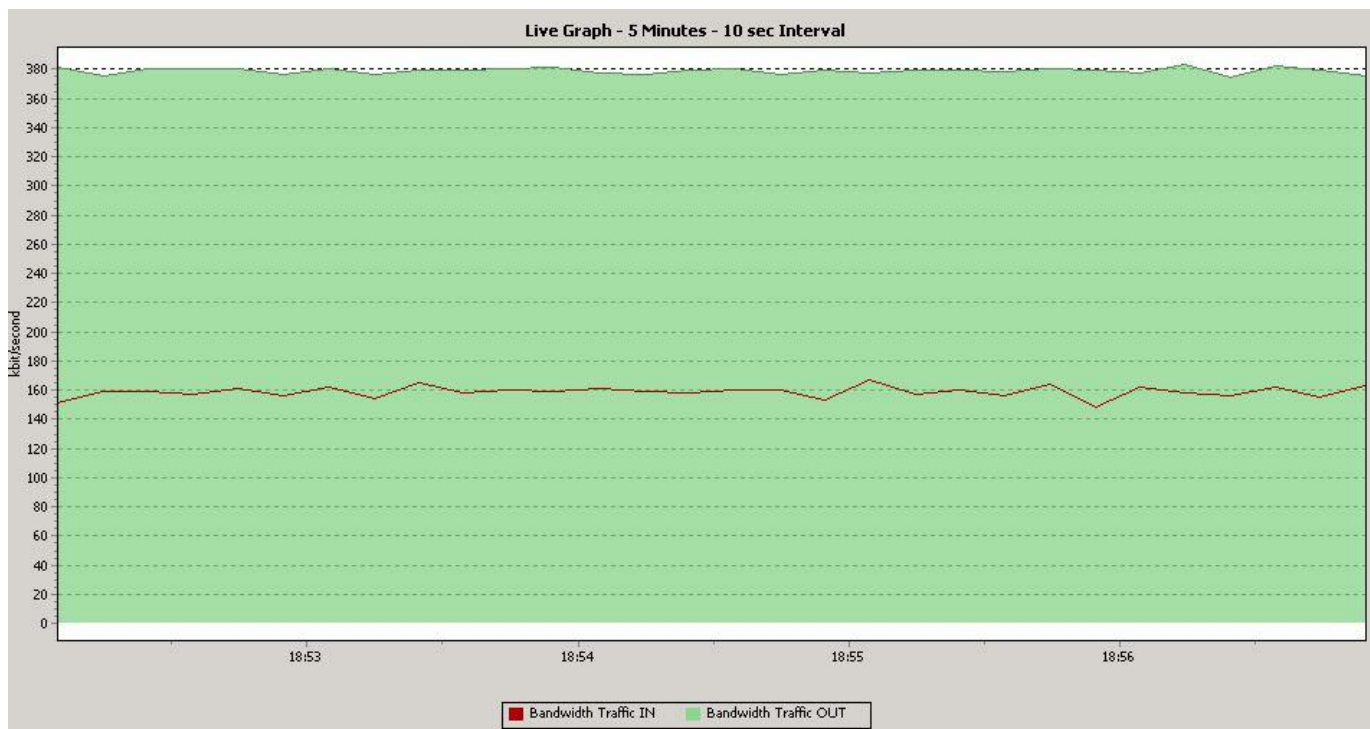| **NOC/Operadora:** Renan Borges Sousa | **Operadora/Cliente:** Fabrício Soares Campolina |
|---|---|
| **GRE/Prodemge:** Carlos Alberto Silva | **Responsável/cliente:** Célia Pereira Magalhães |

| **Consórcio** | **VSAT-ID** | **Porta kbps** | **Plataforma** |
|---|---|---|---|
| STM/Vodanet | SES-IBAI-3452 | 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)
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        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588544 GHz
Symbol Rate         : 13.332841 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                 : 12.5 dB
Input Power         : -27 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -11 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     : -11.1 dBm
ODU Output Power     : 35.6 dBm
EIRP                 : 48.9 dBW
Es/No                : 15.0 dB
Header Compression   :  DSM-CC
Timing correction    : -16 us (260518 us)
Frequency correction: -100 Hz


IP DVB 10.148.0.227/32


Pinging 10.145.100.1 with 32 bytes of data:

Reply from 10.145.100.1: bytes=32 time=552ms TTL=62
Reply from 10.145.100.1: bytes=32 time=539ms TTL=62
Reply from 10.145.100.1: bytes=32 time=647ms TTL=62
Reply from 10.145.100.1: bytes=32 time=570ms TTL=62
Reply from 10.145.100.1: bytes=32 time=581ms TTL=62
Reply from 10.145.100.1: bytes=32 time=601ms TTL=62
Reply from 10.145.100.1: bytes=32 time=611ms TTL=62
Reply from 10.145.100.1: bytes=32 time=535ms TTL=62
Reply from 10.145.100.1: bytes=32 time=555ms TTL=62
Reply from 10.145.100.1: bytes=32 time=565ms TTL=62

Ping statistics for 10.145.100.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 535ms, Maximum = 647ms, Average = 575ms
```