▶ prodemge	TERMO DE ACEITE TÉCNICO

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

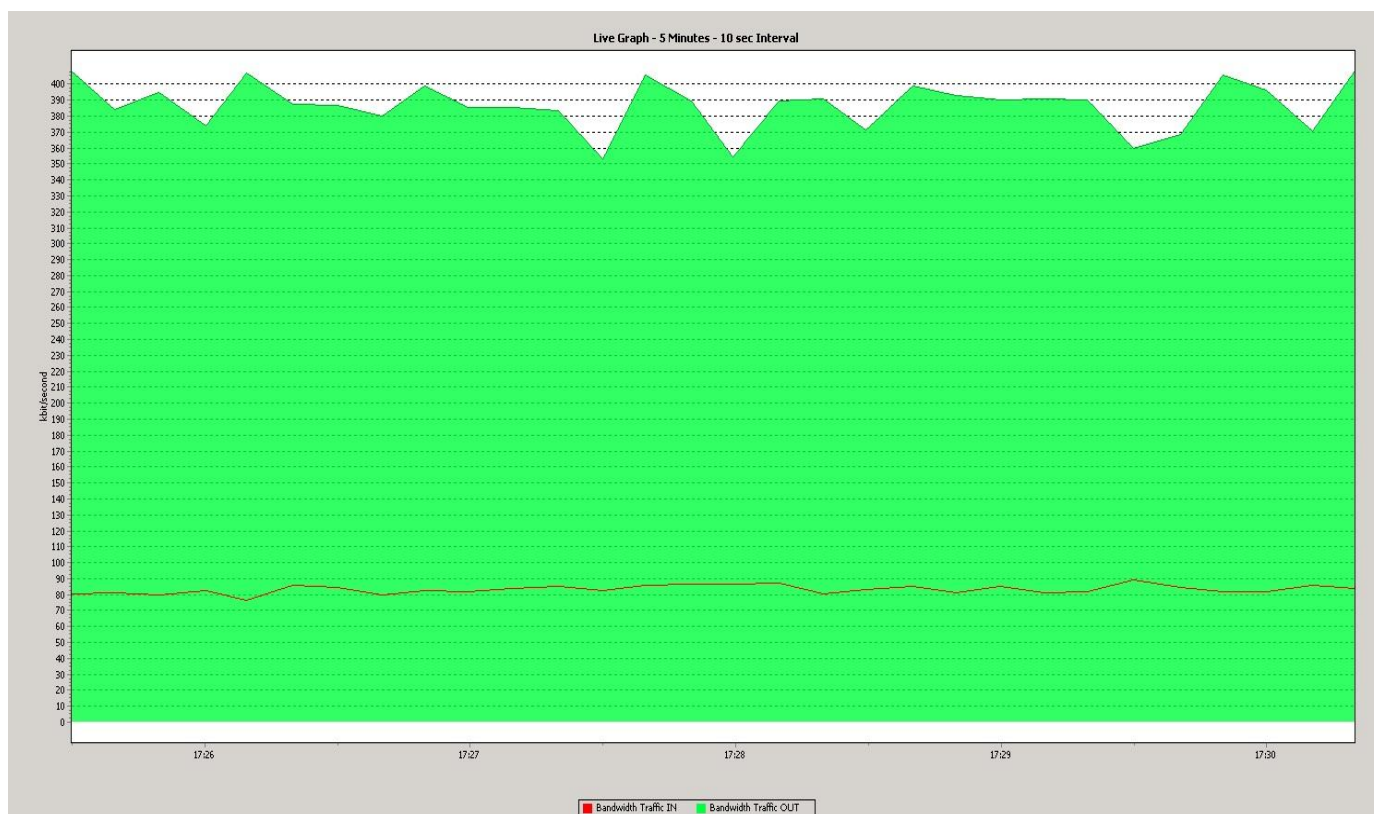| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Ailton Guimarães
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Andreia Cristina

Consórcio STM/Vodanet	**VSAT-ID** SES-SAXO-4468	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
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           : 11.606905 GHz
Symbol Rate         : 44.999674 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     : -22 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     : -18.6 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : -38 us (251814 us)
Frequency correction: 10 Hz


IP DVB: 10.148.4.175/32


 C:\>ping -n 10 10.172.159.1

 Pinging 10.172.159.1 with 32 bytes of data:

 Reply from 10.172.159.1: bytes=32 time=528ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=531ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=554ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=563ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=585ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=593ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=614ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=538ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=546ms TTL=62
 Reply from 10.172.159.1: bytes=32 time=566ms TTL=62

 Ping statistics for 10.172.159.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 528ms, Maximum = 614ms, Average = 561ms
```