▶ prodemge	**TERMO DE ACEITE TÉCNICO**

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

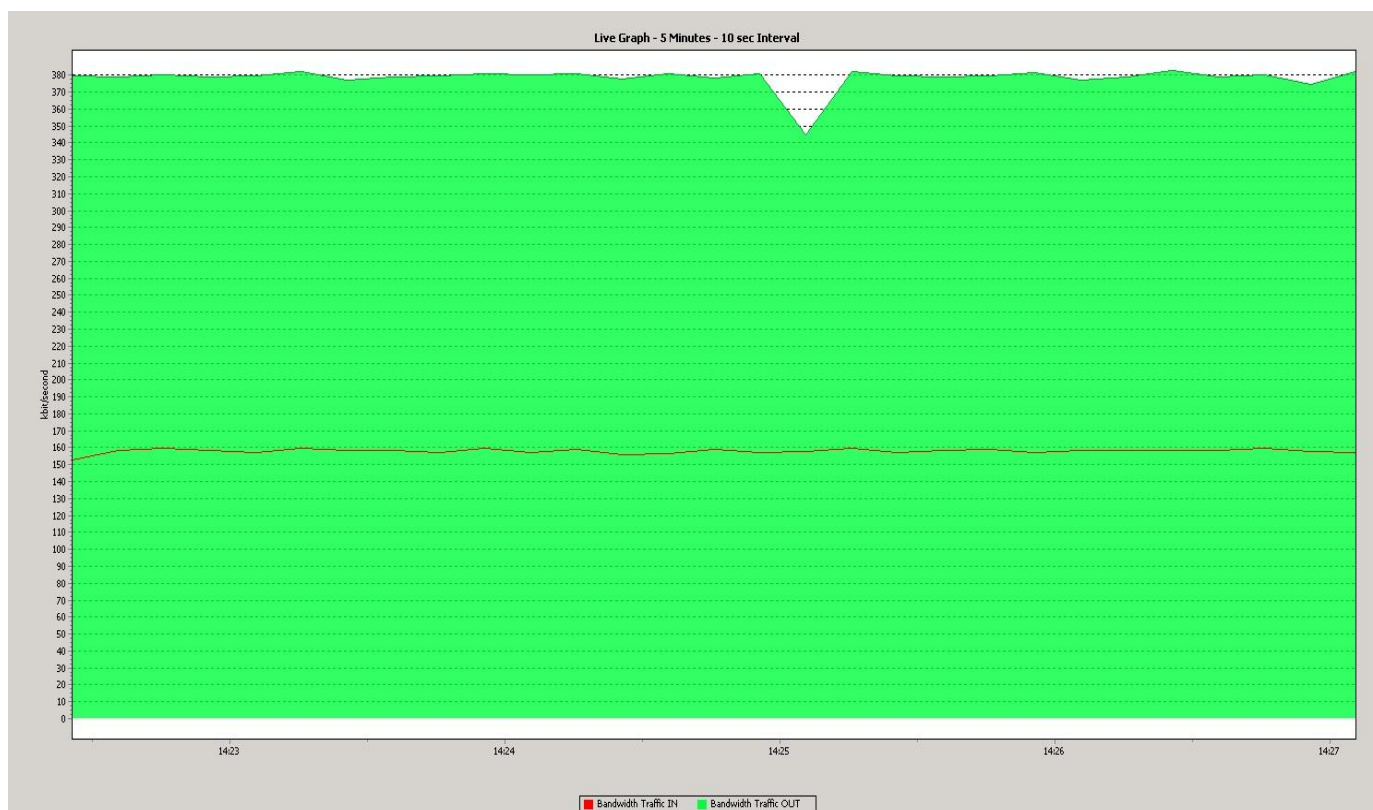| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** André da Silva
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Nagila Sena

Consórcio STM/Vodanet	**VSAT-ID** SES-MAIS-3666	**Porta kbps** 384/153	**Plataforma** 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 3         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.605906 GHz
Symbol Rate         : 44.999769 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 10  QPSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.1 dB
Input Power         : -27 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     : -18.5 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : 136 us (250164 us)
Frequency correction: 60 Hz


IP DVB: 10.148.5.97/32


 Pinging 10.146.67.1 with 32 bytes of data:

 Reply from 10.146.67.1: bytes=32 time=578ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=598ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=580ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=532ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=552ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=596ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=583ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=593ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=547ms TTL=62
 Reply from 10.146.67.1: bytes=32 time=538ms TTL=62

 Ping statistics for 10.146.67.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 532ms, Maximum = 598ms, Average = 569ms
```