TERMO DE ACEITE TÉCNICO

prodemge

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

NOC/Operadora: Bruno Resston Moreira | **Operadora/Cliente:** Leonardo Batista de Araujo Silva

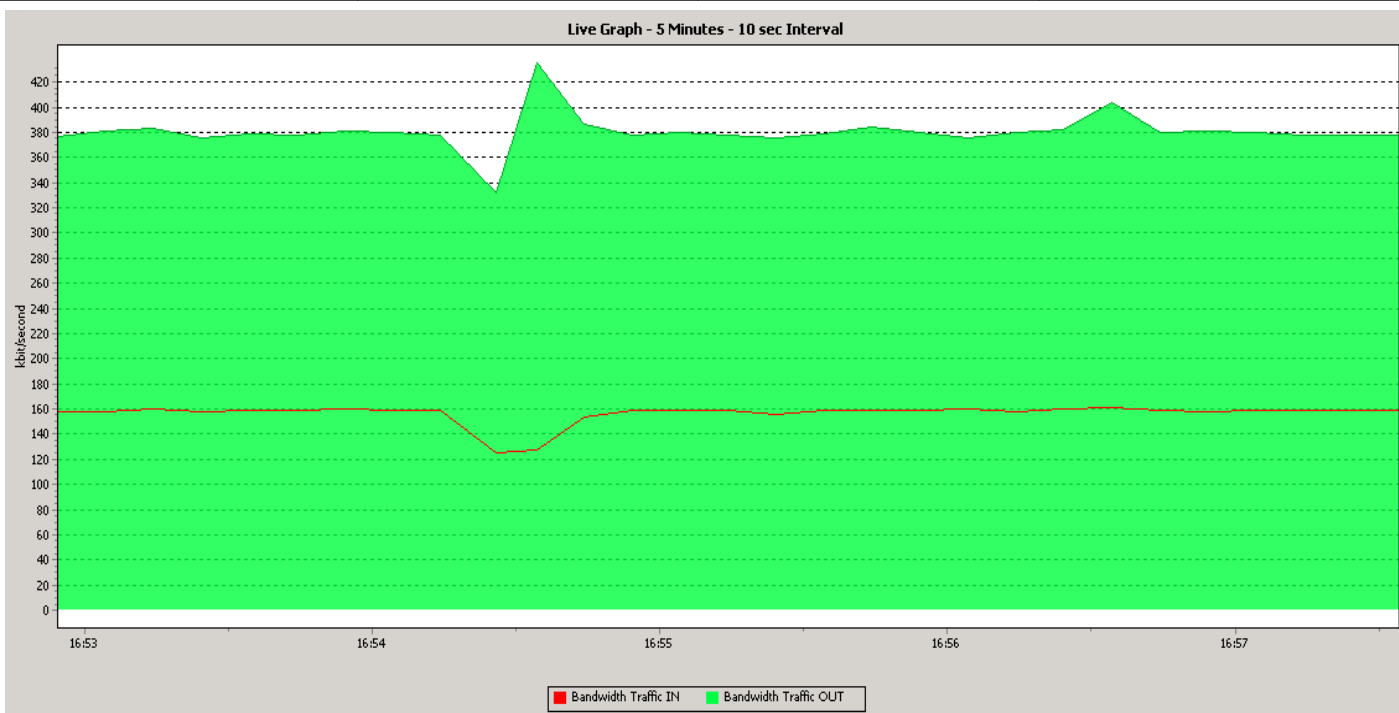**GRE/Prodemge:** Márlu da Silva Santos | **Responsável/cliente:** Andrea de Fátima Pereira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SAAS-4360	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    13.333000      11.588250  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           : 11.588324 GHz
Symbol Rate         : 13.332909 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.3 dB
Input Power         : -37 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -21 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    : -12.6 dBm
ODU Output Power    : 34.8 dBm
EIRP                : 48.1 dBW
Es/No               : 11.0 dB
Header Compression  :  DSM-CC
Timing correction   : 60 us (261449 us)
Frequency correction: -40 Hz


IP DVB:10.148.2.156/32


Pinging 10.172.50.1 with 32 bytes of data:

Reply from 10.172.50.1: bytes=32 time=553ms TTL=62
Reply from 10.172.50.1: bytes=32 time=568ms TTL=62
Reply from 10.172.50.1: bytes=32 time=547ms TTL=62
Reply from 10.172.50.1: bytes=32 time=600ms TTL=62
Reply from 10.172.50.1: bytes=32 time=616ms TTL=62
Reply from 10.172.50.1: bytes=32 time=562ms TTL=62
Reply from 10.172.50.1: bytes=32 time=554ms TTL=62
Reply from 10.172.50.1: bytes=32 time=565ms TTL=62
Reply from 10.172.50.1: bytes=32 time=516ms TTL=62
Reply from 10.172.50.1: bytes=32 time=563ms TTL=62

Ping statistics for 10.172.50.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 516ms, Maximum = 616ms, Average = 564ms
```