◥ prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Flavio Soares Fam
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Renato cândido de souza

Consórcio STM/Vodanet	**VSAT-ID** SES-SAEI-3548	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT
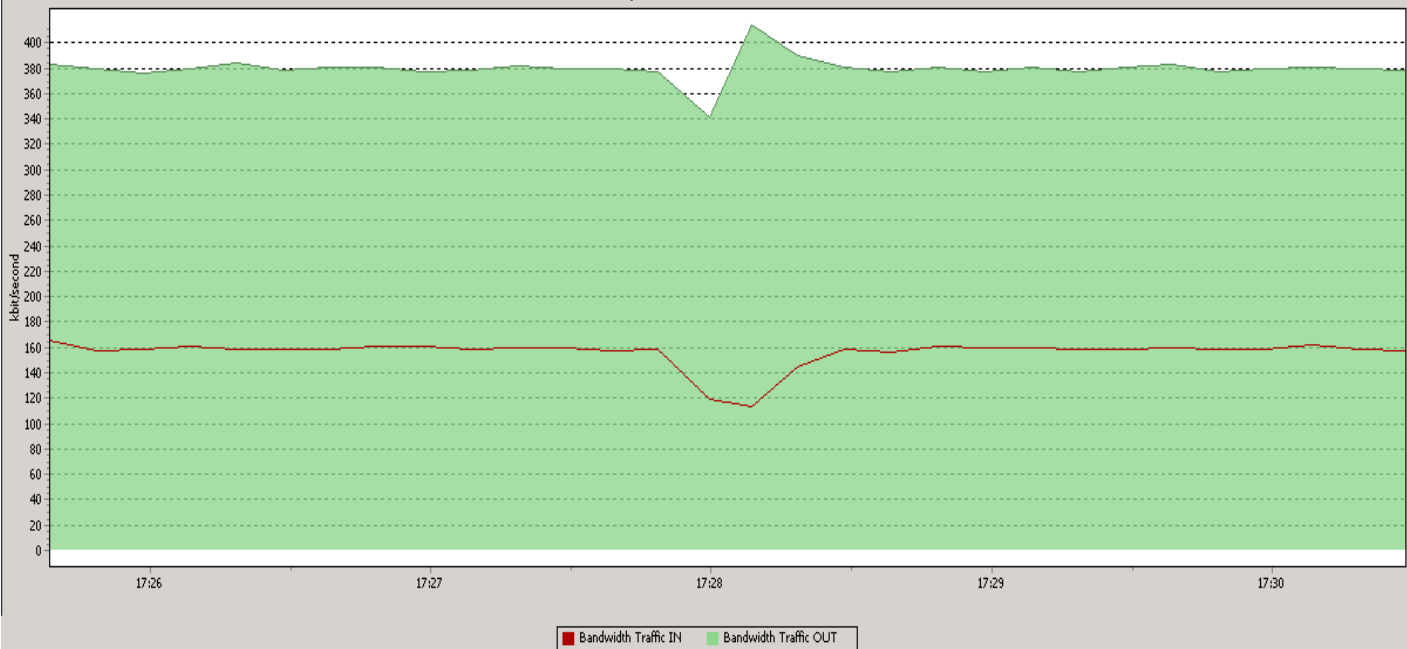
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId    Enable
* 0  0    13.333000      11.588250  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588721 GHz
Symbol Rate         : 13.332907 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                 : 13.4 dB
Input Power         : -32 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -13 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     : -12.5 dBm
ODU Output Power     : 35.3 dBm
EIRP                 : 48.6 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -86 us (261233 us)
Frequency correction: -160 Hz

IP DVB: 10.148.1.10/32

Pinging 10.145.166.1 with 32 bytes of data:

Reply from 10.145.166.1: bytes=32 time=583ms TTL=62
Reply from 10.145.166.1: bytes=32 time=593ms TTL=62
Reply from 10.145.166.1: bytes=32 time=614ms TTL=62
Reply from 10.145.166.1: bytes=32 time=537ms TTL=62
Reply from 10.145.166.1: bytes=32 time=547ms TTL=62
Reply from 10.145.166.1: bytes=32 time=568ms TTL=62
Reply from 10.145.166.1: bytes=32 time=578ms TTL=62
Reply from 10.145.166.1: bytes=32 time=598ms TTL=62
Reply from 10.145.166.1: bytes=32 time=576ms TTL=62
Reply from 10.145.166.1: bytes=32 time=531ms TTL=62

Ping statistics for 10.145.166.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 614ms, Average = 572ms
```