prodemge	**TERMO DE ACEITE TÉCNICO**

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

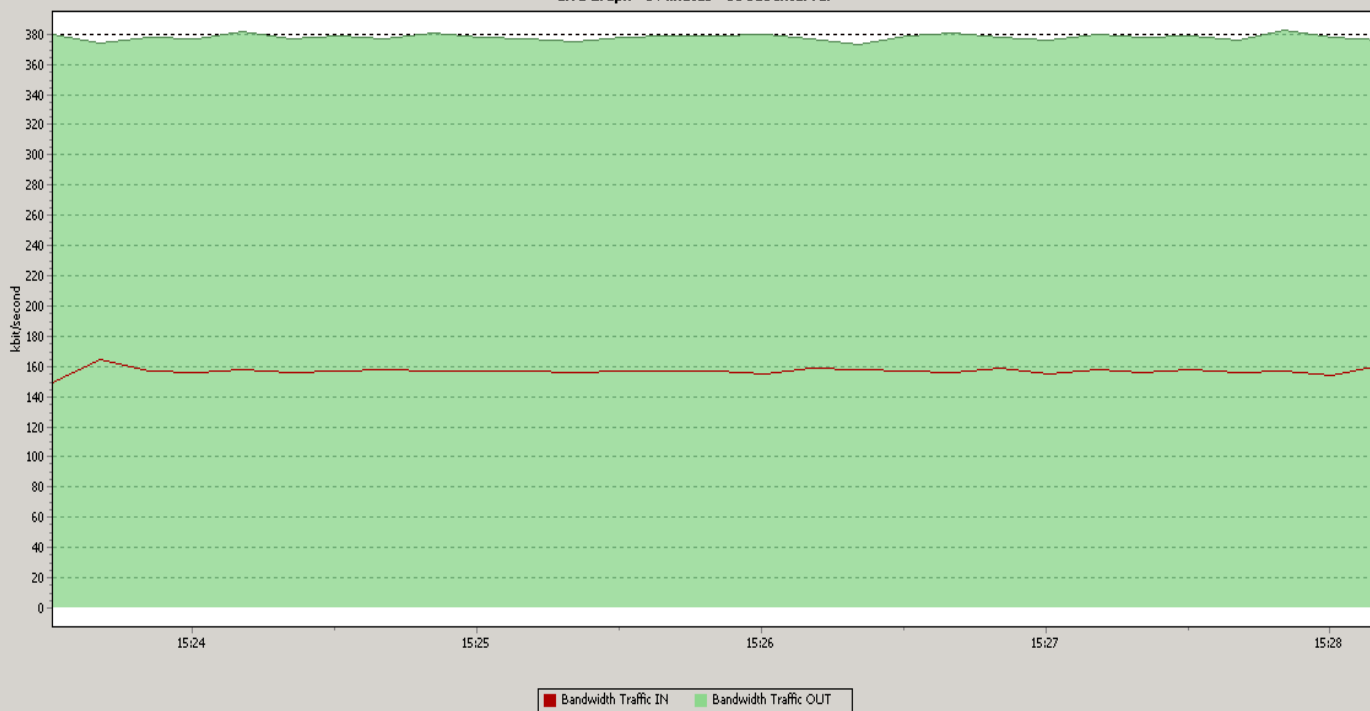|	
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Fabio Passoni
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Elizete Pereira Campos

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-LENA-4062	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


Satellite (DVB) Receiver Status
--------------------------------
Rx State              : On
DVB State             : Forward link up
Network               : 65281,  Prodemge@Vodanet
Frequency             : 11.587980 GHz
Symbol Rate           : 13.332987 Msps
S2 ModCod
      - receiving     : 4   QPSK-1/2
      - current max   : 14   8PSK-3/4
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 11.9 dB
Input Power           : -33 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -17.8 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.2 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 57 us (260674 us)
Frequency correction: -10 Hz


IP DVB:10.148.2.157/32


Pinging 10.147.50.1 with 32 bytes of data:

Reply from 10.147.50.1: bytes=32 time=574ms TTL=62
Reply from 10.147.50.1: bytes=32 time=598ms TTL=62
Reply from 10.147.50.1: bytes=32 time=572ms TTL=62
Reply from 10.147.50.1: bytes=32 time=527ms TTL=62
Reply from 10.147.50.1: bytes=32 time=547ms TTL=62
Reply from 10.147.50.1: bytes=32 time=525ms TTL=62
Reply from 10.147.50.1: bytes=32 time=578ms TTL=62
Reply from 10.147.50.1: bytes=32 time=588ms TTL=62
Reply from 10.147.50.1: bytes=32 time=540ms TTL=62
Reply from 10.147.50.1: bytes=32 time=532ms TTL=62

Ping statistics for 10.147.50.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 525ms, Maximum = 598ms, Average = 558ms
```