TERMO DE ACEITE TÉCNICO

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

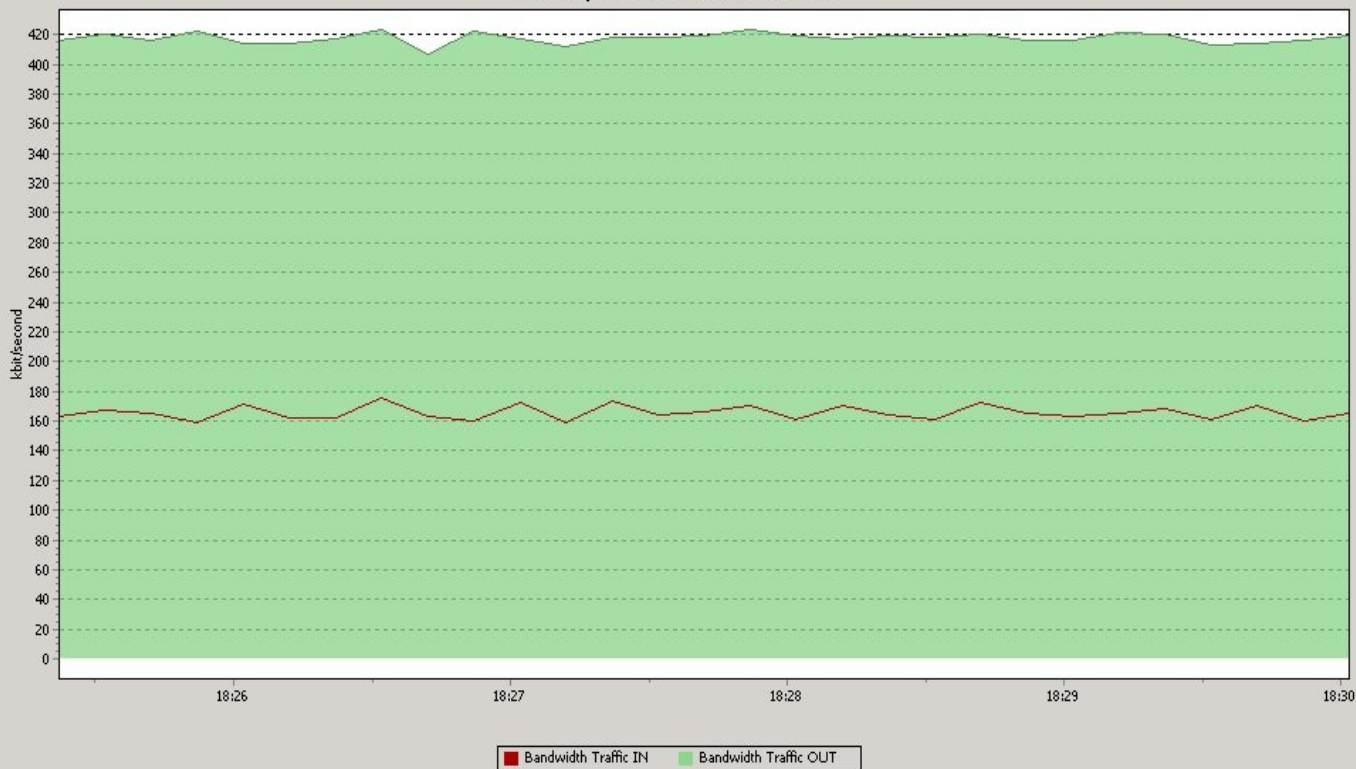|	
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** André da Silva Brás
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Livimara da Silva Geraldo

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-RIMA-4341	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Legend: ■ 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           : 11.588104 GHz
Symbol Rate         : 13.332985 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                 : 12.8 dB
Input Power         : -35 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -11 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      : -15.1 dBm
ODU Output Power      : 35.8 dBm
EIRP                  : 49.1 dBW
Es/No                 : 12.5 dB
Header Compression    :  DSM-CC
Timing correction     : 62 us (260770 us)
Frequency correction: -70 Hz


IP DVB: 10.148.2.159/32


Pinging 10.172.31.1 with 32 bytes of data:

Reply from 10.172.31.1: bytes=32 time=577ms TTL=62
Reply from 10.172.31.1: bytes=32 time=568ms TTL=62
Reply from 10.172.31.1: bytes=32 time=574ms TTL=62
Reply from 10.172.31.1: bytes=32 time=530ms TTL=62
Reply from 10.172.31.1: bytes=32 time=605ms TTL=62
Reply from 10.172.31.1: bytes=32 time=527ms TTL=62
Reply from 10.172.31.1: bytes=32 time=552ms TTL=62
Reply from 10.172.31.1: bytes=32 time=558ms TTL=62
Reply from 10.172.31.1: bytes=32 time=583ms TTL=62
Reply from 10.172.31.1: bytes=32 time=594ms TTL=62

Ping statistics for 10.172.31.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 527ms, Maximum = 605ms, Average = 566ms
```