TERMO DE ACEITE TÉCNICO
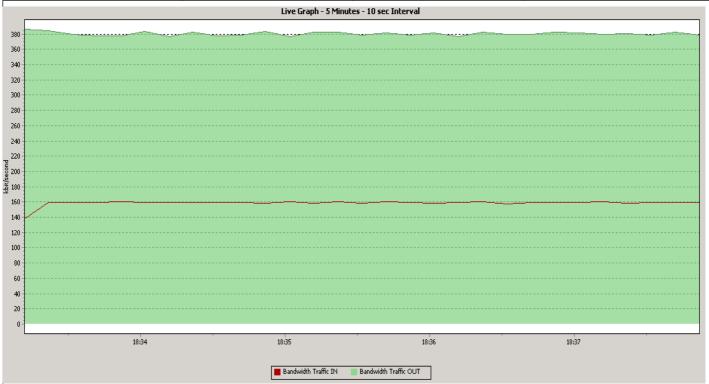
prodemge

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Airlton Guimarães Sampaio
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Juliana Santos

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-ITRA-4010	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           : 11.588375 GHz
Symbol Rate         : 13.332996 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                 : 12.2 dB
Input Power         : -32 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -28 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     : -14.8 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : -143 us (260430 us)
Frequency correction: -190 Hz

IP DVB: 10.148.2.195/32

Pinging 10.147.2.1 with 32 bytes of data:

Reply from 10.147.2.1: bytes=32 time=590ms TTL=62
Reply from 10.147.2.1: bytes=32 time=610ms TTL=62
Reply from 10.147.2.1: bytes=32 time=533ms TTL=62
Reply from 10.147.2.1: bytes=32 time=548ms TTL=62
Reply from 10.147.2.1: bytes=32 time=559ms TTL=62
Reply from 10.147.2.1: bytes=32 time=537ms TTL=62
Reply from 10.147.2.1: bytes=32 time=589ms TTL=62
Reply from 10.147.2.1: bytes=32 time=605ms TTL=62
Reply from 10.147.2.1: bytes=32 time=620ms TTL=62
Reply from 10.147.2.1: bytes=32 time=543ms TTL=62

Ping statistics for 10.147.2.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 533ms, Maximum = 620ms, Average = 573ms
```