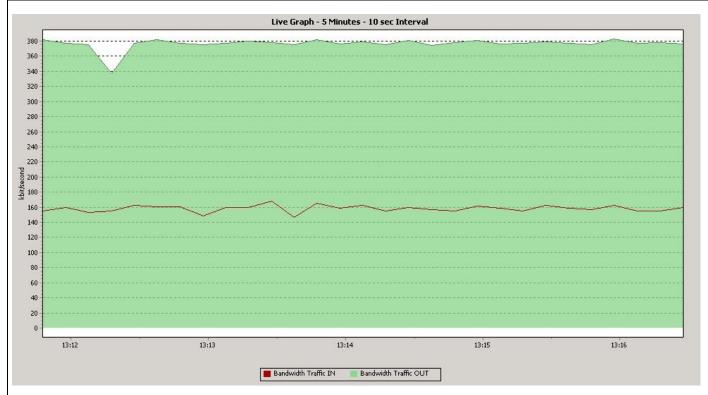| ▶ prodemge	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Leonardo Batista de Araújo Silva
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Patrícia Alves Leal

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-LAHA-3342	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
#
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           : 11.588125 GHz
Symbol Rate         : 13.332872 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                 : 13.2 dB
Input Power         : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -16 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     : -12.7 dBm
ODU Output Power     : 33.9 dBm
EIRP                 : 47.2 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : -212 us (259370 us)
Frequency correction: -240 Hz
#


IP DVB 10.148.1.140/32


Pinging 10.145.60.1 with 32 bytes of data:

Reply from 10.145.60.1: bytes=32 time=538ms TTL=62
Reply from 10.145.60.1: bytes=32 time=548ms TTL=62
Reply from 10.145.60.1: bytes=32 time=569ms TTL=62
Reply from 10.145.60.1: bytes=32 time=580ms TTL=62
Reply from 10.145.60.1: bytes=32 time=600ms TTL=62
Reply from 10.145.60.1: bytes=32 time=579ms TTL=62
Reply from 10.145.60.1: bytes=32 time=534ms TTL=62
Reply from 10.145.60.1: bytes=32 time=554ms TTL=62
Reply from 10.145.60.1: bytes=32 time=529ms TTL=62
Reply from 10.145.60.1: bytes=32 time=581ms TTL=62

Ping statistics for 10.145.60.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 600ms, Average = 561ms
```