▷ prodemge	**TERMO DE ACEITE TÉCNICO**

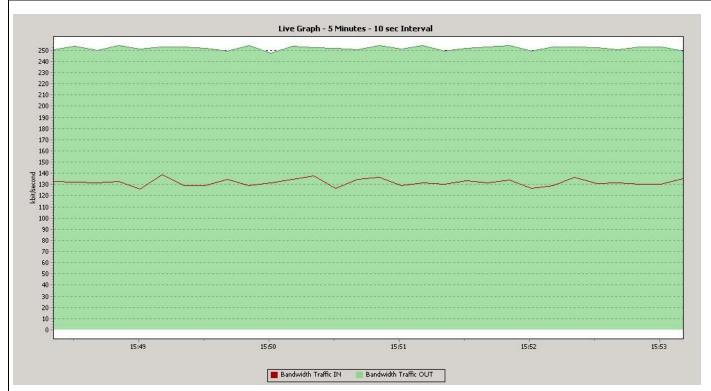**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Jedson Alves
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Sérgia Reis

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-MACU-3929	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          : 11.588483 GHz
Symbol Rate        : 13.332843 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                : 11.5 dB
Input Power        : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -24 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 dBW
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    : -20.5 dBm
ODU Output Power    : 33.1 dBm
EIRP                : 46.4 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : -49 us (260126 us)
Frequency correction: -70 Hz
#


IP DVB 10.148.1.212/32


Pinging 10.146.196.1 with 32 bytes of data:

Reply from 10.146.196.1: bytes=32 time=611ms TTL=62
Reply from 10.146.196.1: bytes=32 time=534ms TTL=62
Reply from 10.146.196.1: bytes=32 time=555ms TTL=62
Reply from 10.146.196.1: bytes=32 time=566ms TTL=62
Reply from 10.146.196.1: bytes=32 time=587ms TTL=62
Reply from 10.146.196.1: bytes=32 time=566ms TTL=62
Reply from 10.146.196.1: bytes=32 time=521ms TTL=62
Reply from 10.146.196.1: bytes=32 time=541ms TTL=62
Reply from 10.146.196.1: bytes=32 time=579ms TTL=62
Reply from 10.146.196.1: bytes=32 time=570ms TTL=62

Ping statistics for 10.146.196.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 521ms, Maximum = 611ms, Average = 563ms
```