▶ **prodemge**	**TERMO DE ACEITE TÉCNICO**

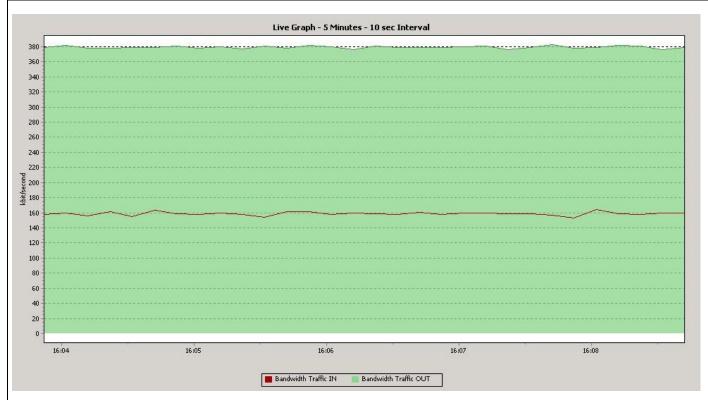**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Marcos Antonio
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Jaciara Lopes Souza

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-CALO-3987	384/153	VSAT


```
#
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          : 11.588402 GHz
Symbol Rate        : 13.332879 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                : 14.1 dB
Input Power        : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 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    : -16.0 dBm
ODU Output Power    : 33.8 dBm
EIRP                : 47.1 dBW
Es/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -60 us (261594 us)
Frequency correction: -110 Hz
#


IP DVB 10.148.2.69/32


Pinging 10.146.240.1 with 32 bytes of data:

Reply from 10.146.240.1: bytes=32 time=579ms TTL=62
Reply from 10.146.240.1: bytes=32 time=598ms TTL=62
Reply from 10.146.240.1: bytes=32 time=604ms TTL=62
Reply from 10.146.240.1: bytes=32 time=532ms TTL=62
Reply from 10.146.240.1: bytes=32 time=551ms TTL=62
Reply from 10.146.240.1: bytes=32 time=557ms TTL=62
Reply from 10.146.240.1: bytes=32 time=582ms TTL=62
Reply from 10.146.240.1: bytes=32 time=556ms TTL=62
Reply from 10.146.240.1: bytes=32 time=608ms TTL=62
Reply from 10.146.240.1: bytes=32 time=619ms TTL=62

Ping statistics for 10.146.240.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 619ms, Average = 578ms
```