▶ prodemge	**TERMO DE ACEITE TÉCNICO**

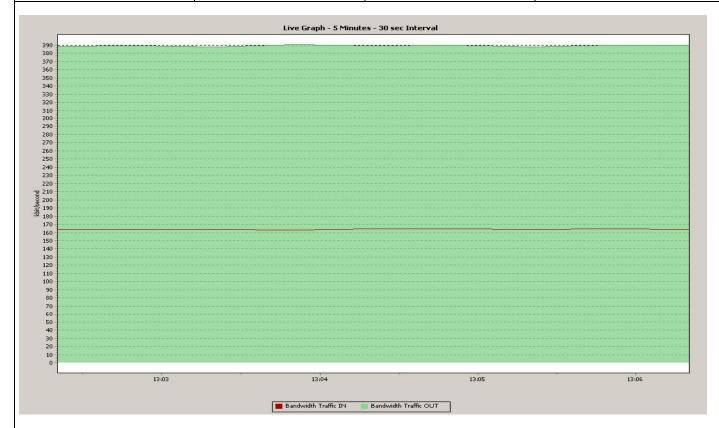**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Olivan Neves Rangel Machado	**Operadora/Cliente:** Edicarlos Santos
GRE/Prodemge: Márlu Da Silva Santos	**Responsável/cliente:** Edianara Francisca

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-OUTO-4043	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
  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           : 11.588267 GHz
Symbol Rate         : 13.332894 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         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -22 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     : -21.1 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -147 us (260777 us)
Frequency correction: -60 Hz


IP DVB 10.148.2.10/32


C:\>ping 10.147.39.1 -n 10

Pinging 10.147.39.1 with 32 bytes of data:

Reply from 10.147.39.1: bytes=32 time=526ms TTL=62
Reply from 10.147.39.1: bytes=32 time=546ms TTL=62
Reply from 10.147.39.1: bytes=32 time=557ms TTL=62
Reply from 10.147.39.1: bytes=32 time=577ms TTL=62
Reply from 10.147.39.1: bytes=32 time=555ms TTL=62
Reply from 10.147.39.1: bytes=32 time=608ms TTL=62
Reply from 10.147.39.1: bytes=32 time=619ms TTL=62
Reply from 10.147.39.1: bytes=32 time=575ms TTL=62
Reply from 10.147.39.1: bytes=32 time=562ms TTL=62
Reply from 10.147.39.1: bytes=32 time=572ms TTL=62

Ping statistics for 10.147.39.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 526ms, Maximum = 619ms, Average = 569ms
```