| ![prodemge] | **TERMO DE ACEITE TÉCNICO** |
|---|---|

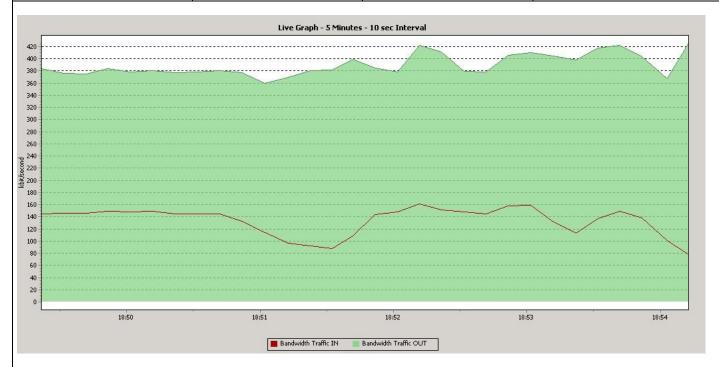**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

| **NOC/Operadora:** Jefferson de Souza Marques | **Operadora/Cliente:** Camila Paula Martins |
|---|---|
| **GRE/Prodemge:** Aguinaldo de Matos Fonseca | **Responsável/cliente:** Efren Mol |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-LASA-4575 | 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    45.000000       11.606250  DVB-S2 2        Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606417 GHz
Symbol Rate         : 45.000340 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 10   QPSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 8.9 dB
Input Power         : -26 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -13 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     : -11.9 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Es/No                : 8.0 dB
Header Compression   :  DSM-CC
Timing correction    : 54 us (252890 us)
Frequency correction: 100 Hz
#


IP DVB 10.148.4.75/32


Pinging 10.172.253.1 with 32 bytes of data:

Reply from 10.172.253.1: bytes=32 time=530ms TTL=62
Reply from 10.172.253.1: bytes=32 time=568ms TTL=62
Reply from 10.172.253.1: bytes=32 time=561ms TTL=62
Reply from 10.172.253.1: bytes=32 time=567ms TTL=62
Reply from 10.172.253.1: bytes=32 time=523ms TTL=62
Reply from 10.172.253.1: bytes=32 time=598ms TTL=62
Reply from 10.172.253.1: bytes=32 time=520ms TTL=62
Reply from 10.172.253.1: bytes=32 time=545ms TTL=62
Reply from 10.172.253.1: bytes=32 time=552ms TTL=62
Reply from 10.172.253.1: bytes=32 time=578ms TTL=62

Ping statistics for 10.172.253.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 520ms, Maximum = 598ms, Average = 554ms
```