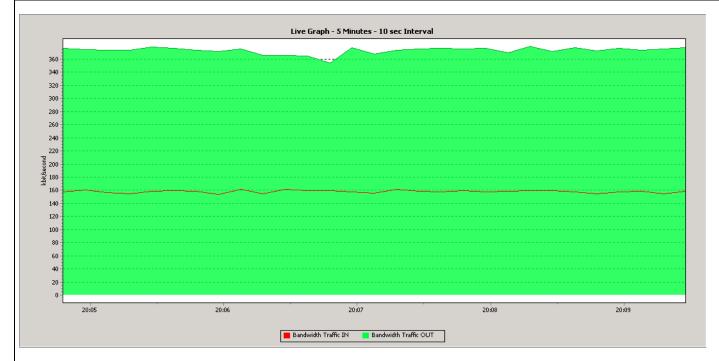| prodemge | TERMO DE ACEITE TÉCNICO |
|---|---|

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

| **NOC/Operadora:** Hugo Leonardo Oliveira Carvalho | **Operadora/Cliente:** Victor Hugo Fonseca |
|---|---|
| **GRE/Prodemge:** Aguinaldo de Matos | **Responsável/cliente:** Luis Cláudio Andrade |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-SATO-4632 | 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           : 11.606166 GHz
Symbol Rate         : 44.999254 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                 : 8.8 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      : 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      : -20.1 dBm
ODU Output Power      : 33.8 dBm
EIRP                  : 47.1 dBW
Es/No                 : 11.5 dB
Header Compression    :  DSM-CC
Timing correction     : 206 us (251840 us)
Frequency correction: 0 Hz



IP DVB: 10.148.5.118/32



Pinging 10.173.68.1 with 32 bytes of data:

Reply from 10.173.68.1: bytes=32 time=581ms TTL=62
Reply from 10.173.68.1: bytes=32 time=684ms TTL=62
Reply from 10.173.68.1: bytes=32 time=607ms TTL=62
Reply from 10.173.68.1: bytes=32 time=623ms TTL=62
Reply from 10.173.68.1: bytes=32 time=548ms TTL=62
Reply from 10.173.68.1: bytes=32 time=560ms TTL=62
Reply from 10.173.68.1: bytes=32 time=578ms TTL=62
Reply from 10.173.68.1: bytes=32 time=593ms TTL=62
Reply from 10.173.68.1: bytes=32 time=609ms TTL=62
Reply from 10.173.68.1: bytes=32 time=624ms TTL=62

Ping statistics for 10.173.68.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 548ms, Maximum = 684ms, Average = 600ms
```