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

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

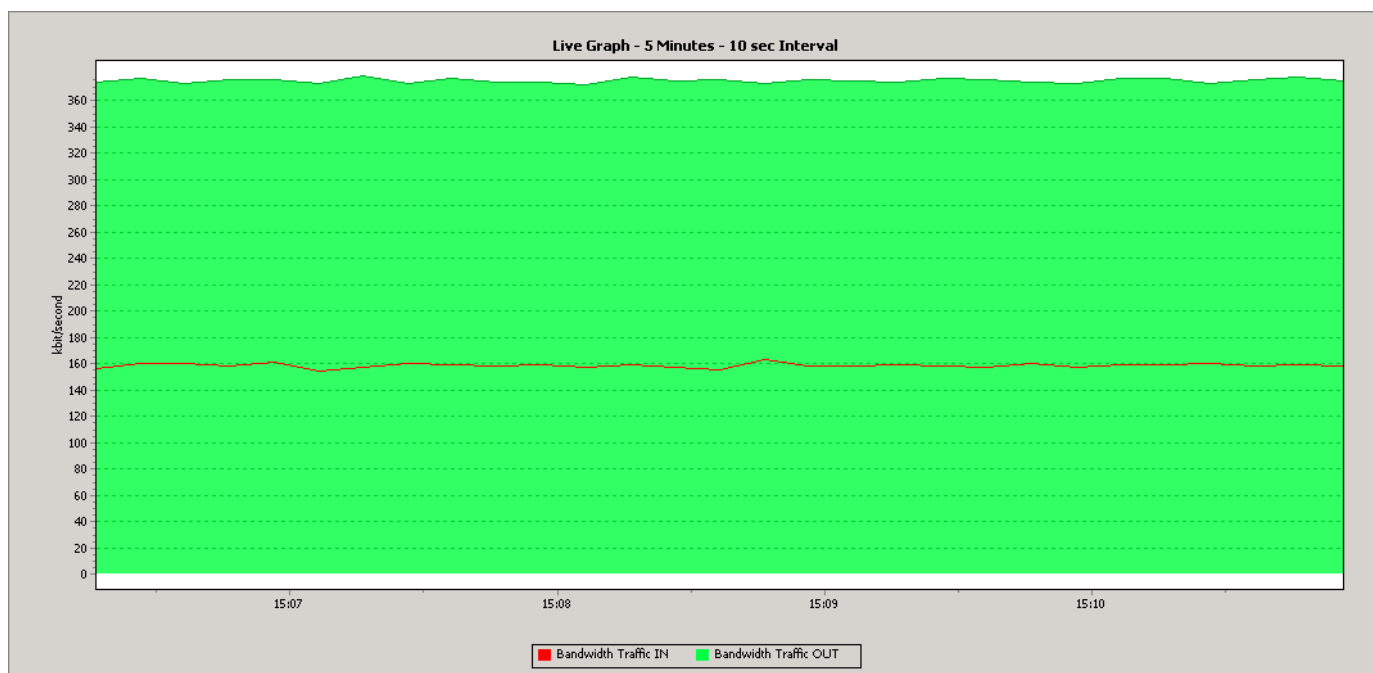| **NOC/Operadora:** Hugo Leonardo Oliveira Carvalho | **Operadora/Cliente:** Mário Lúcio Souza da Silva |
|---|---|
| **GRE/Prodemge:** Aguinaldo de Matos | **Responsável/cliente:** Mª Aparecida de Oliveira |

| **Consórcio** | **VSAT-ID** | **Porta kbps** | **Plataforma** |
|---|---|---|---|
| STM/Vodanet | SES-FERO-4528 | 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 3         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606538 GHz
Symbol Rate         : 45.000218 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.7 dB
Input Power         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 32.2 dBm
EIRP                : 45.5 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    : -18.6 dBm
ODU Output Power    : 32.3 dBm
EIRP                : 45.6 dBW
Es/No               : 10.5 dB
Header Compression  :  DSM-CC
Timing correction   : 224 us (251628 us)
Frequency correction: 20 Hz



IP DVB: 10.148.5.132/32



Pinging 10.172.205.1 with 32 bytes of data:

Reply from 10.172.205.1: bytes=32 time=571ms TTL=62
Reply from 10.172.205.1: bytes=32 time=573ms TTL=62
Reply from 10.172.205.1: bytes=32 time=585ms TTL=62
Reply from 10.172.205.1: bytes=32 time=587ms TTL=62
Reply from 10.172.205.1: bytes=32 time=600ms TTL=62
Reply from 10.172.205.1: bytes=32 time=602ms TTL=62
Reply from 10.172.205.1: bytes=32 time=548ms TTL=62
Reply from 10.172.205.1: bytes=32 time=617ms TTL=62
Reply from 10.172.205.1: bytes=32 time=532ms TTL=62
Reply from 10.172.205.1: bytes=32 time=545ms TTL=62

Ping statistics for 10.172.205.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 617ms, Average = 576ms
```