prodemge	**TERMO DE ACEITE TÉCNICO**

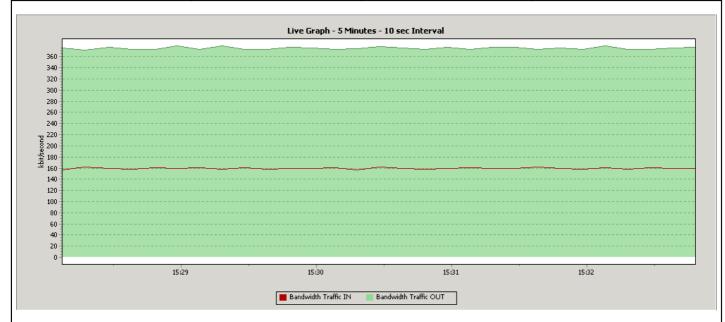**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Jair de Oliveira
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Pabrine Cordeiro

Consórcio STM/Vodanet	**VSAT-ID** SES-SEAS-6719	**Porta kbps** 384/153	**Plataforma** 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           : 11.606168 GHz
Symbol Rate         : 44.999725 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 11.4 dB
Input Power         : -33 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 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     : -12.6 dBm
ODU Output Power     : 33.9 dBm
EIRP                 : 47.2 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : 2 us (252102 us)
Frequency correction : -300 Hz


IP DVB: 10.148.6.222/32


Pinging 10.174.222.1 with 32 bytes of data:

Reply from 10.174.222.1: bytes=32 time=575ms TTL=62
Reply from 10.174.222.1: bytes=32 time=553ms TTL=62
Reply from 10.174.222.1: bytes=32 time=556ms TTL=62
Reply from 10.174.222.1: bytes=32 time=570ms TTL=62
Reply from 10.174.222.1: bytes=32 time=540ms TTL=62
Reply from 10.174.222.1: bytes=32 time=583ms TTL=62
Reply from 10.174.222.1: bytes=32 time=585ms TTL=62
Reply from 10.174.222.1: bytes=32 time=535ms TTL=62
Reply from 10.174.222.1: bytes=32 time=599ms TTL=62
Reply from 10.174.222.1: bytes=32 time=515ms TTL=62

Ping statistics for 10.174.222.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 515ms, Maximum = 599ms, Average = 561ms
```