TERMO DE ACEITE TÉCNICO
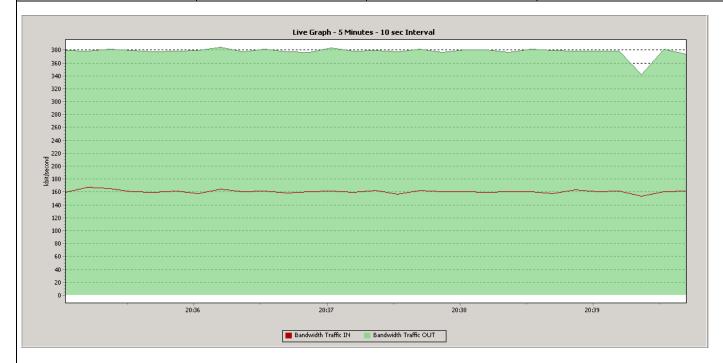
Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Luiz Carlos de Sá
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Denismeire de Souza

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PRTA-5072	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           : 11.606206 GHz
Symbol Rate         : 44.999679 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                 : 10.3 dB
Input Power         : -27 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -19 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    : -15.4 dBm
ODU Output Power    : 32.9 dBm
EIRP                : 46.2 dBW
Es/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : 186 us (254155 us)
Frequency correction: 80 Hz



IP DVB: 10.148.5.184/32



Pinging 10.173.173.1 with 32 bytes of data:

Reply from 10.173.173.1: bytes=32 time=535ms TTL=62
Reply from 10.173.173.1: bytes=32 time=537ms TTL=62
Reply from 10.173.173.1: bytes=32 time=549ms TTL=62
Reply from 10.173.173.1: bytes=32 time=551ms TTL=62
Reply from 10.173.173.1: bytes=32 time=564ms TTL=62
Reply from 10.173.173.1: bytes=32 time=535ms TTL=62
Reply from 10.173.173.1: bytes=32 time=578ms TTL=62
Reply from 10.173.173.1: bytes=32 time=580ms TTL=62
Reply from 10.173.173.1: bytes=32 time=530ms TTL=62
Reply from 10.173.173.1: bytes=32 time=563ms TTL=62

Ping statistics for 10.173.173.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 580ms, Average = 552ms
```