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

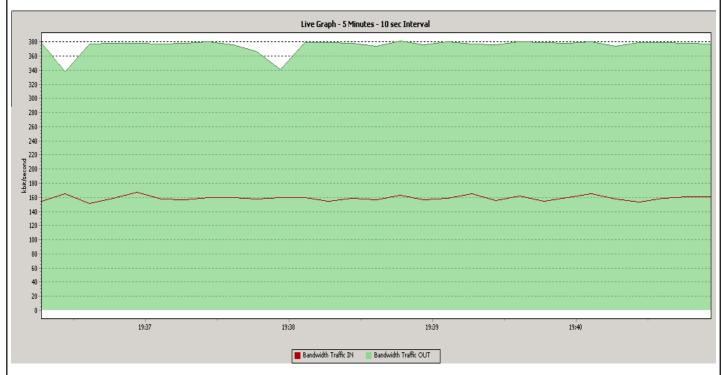**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Leonardo Batista de Araujo
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Irai Silva de Carvalho

Consórcio STM/Vodanet	**VSAT-ID** SES-PROS-3534	**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    13.333000      11.588250  DVB-S2 2          Yes
  1  1     0.000000       0.000000  DVB-S2 2          No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588740 GHz
Symbol Rate         : 13.332917 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.0 dB
Input Power         : -37 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      : -18.3 dBm
ODU Output Power      : 35.4 dBm
EIRP                  : 48.7 dBW
Es/No                 : 14.0 dB
Header Compression  :  DSM-CC
Timing correction    : 60 us (261130 us)
Frequency correction: -80 Hz


IP DVB: 10.148.1.29/32


Pinging 10.145.176.1 with 32 bytes of data:

Reply from 10.145.176.1: bytes=32 time=582ms TTL=62
Reply from 10.145.176.1: bytes=32 time=592ms TTL=62
Reply from 10.145.176.1: bytes=32 time=544ms TTL=62
Reply from 10.145.176.1: bytes=32 time=536ms TTL=62
Reply from 10.145.176.1: bytes=32 time=547ms TTL=62
Reply from 10.145.176.1: bytes=32 time=567ms TTL=62
Reply from 10.145.176.1: bytes=32 time=541ms TTL=62
Reply from 10.145.176.1: bytes=32 time=598ms TTL=62
Reply from 10.145.176.1: bytes=32 time=605ms TTL=62
Reply from 10.145.176.1: bytes=32 time=561ms TTL=62

Ping statistics for 10.145.176.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 536ms, Maximum = 605ms, Average = 567ms
```