prodemge	**TERMO DE ACEITE TÉCNICO**

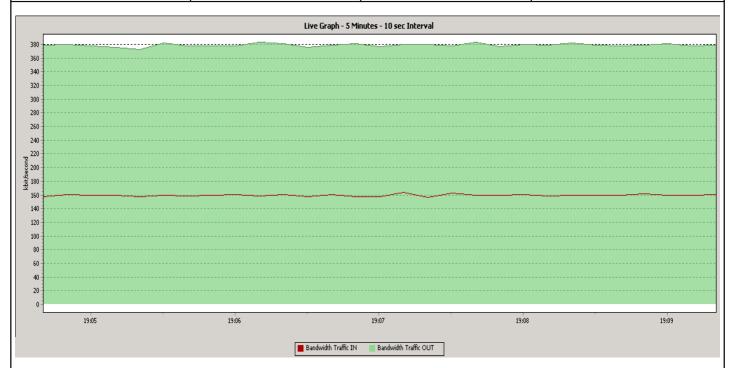**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Marco Aurélio
GRE/Prodemge: Marlú da Silva Santos	**Responsável/cliente:** Gelsa Mara Martins Pimenta

Consórcio STM/Vodanet	**VSAT-ID** SES-BANA-3614	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT

```
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-S  2         No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588247 GHz
Symbol Rate         : 13.332796 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                 : 13.5 dB
Input Power         : -30 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start            : Enabled
IDU Output Power      : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 32.7 dBm
EIRP                  : 46.0 dBW
Default CW Frequency: 14.150500 GHz
ATM mode              : VC-Mux
Header Compression    : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
-------------------------------
State                 : On (TDMA)
IDU Output Power      : -21.2 dBm
ODU Output Power      : 32.7 dBm
EIRP                  : 46.0 dBW
Es/No                 : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : 4 us (261039 us)
Frequency correction: -120 Hz


IP DVB: 10.148.1.69/32


Pinging 10.145.234.1 with 32 bytes of data:

Reply from 10.145.234.1: bytes=32 time=540ms TTL=62
Reply from 10.145.234.1: bytes=32 time=550ms TTL=62
Reply from 10.145.234.1: bytes=32 time=570ms TTL=62
Reply from 10.145.234.1: bytes=32 time=549ms TTL=62
Reply from 10.145.234.1: bytes=32 time=602ms TTL=62
Reply from 10.145.234.1: bytes=32 time=613ms TTL=62
Reply from 10.145.234.1: bytes=32 time=564ms TTL=62
Reply from 10.145.234.1: bytes=32 time=556ms TTL=62
Reply from 10.145.234.1: bytes=32 time=566ms TTL=62
Reply from 10.145.234.1: bytes=32 time=586ms TTL=62

Ping statistics for 10.145.234.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 540ms, Maximum = 613ms, Average = 569ms
```