prodemge	**TERMO DE ACEITE TÉCNICO**

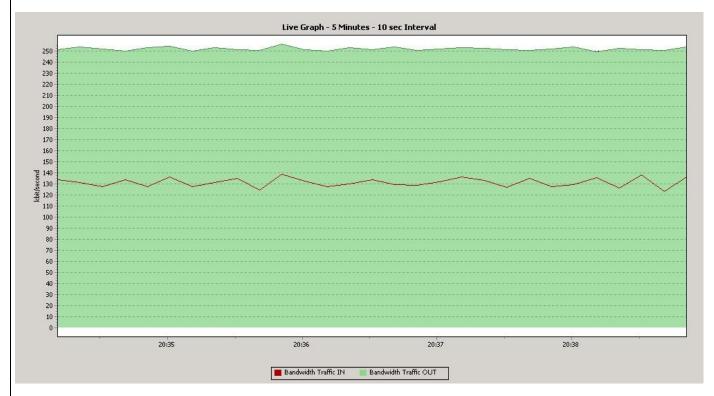**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Felipe Angelo
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Claudio Marco Rodrigues

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-BEIS-3206	384/153	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

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588606 GHz
Symbol Rate         : 13.332939 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            : 0.25
SNR                 : 11.8 dB
Input Power         : -26 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -17.2 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 167 us (258797 us)
Frequency correction: -130 Hz


IP DVB 10.148.1.154/32


Pinging 10.144.249.1 with 32 bytes of data:

Reply from 10.144.249.1: bytes=32 time=547ms TTL=62
Reply from 10.144.249.1: bytes=32 time=558ms TTL=62
Reply from 10.144.249.1: bytes=32 time=578ms TTL=62
Reply from 10.144.249.1: bytes=32 time=588ms TTL=62
Reply from 10.144.249.1: bytes=32 time=609ms TTL=62
Reply from 10.144.249.1: bytes=32 time=532ms TTL=62
Reply from 10.144.249.1: bytes=32 time=543ms TTL=62
Reply from 10.144.249.1: bytes=32 time=564ms TTL=62
Reply from 10.144.249.1: bytes=32 time=575ms TTL=62
Reply from 10.144.249.1: bytes=32 time=595ms TTL=62

Ping statistics for 10.144.249.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 609ms, Average = 568ms
```