▶ prodemge	**TERMO DE ACEITE TÉCNICO**

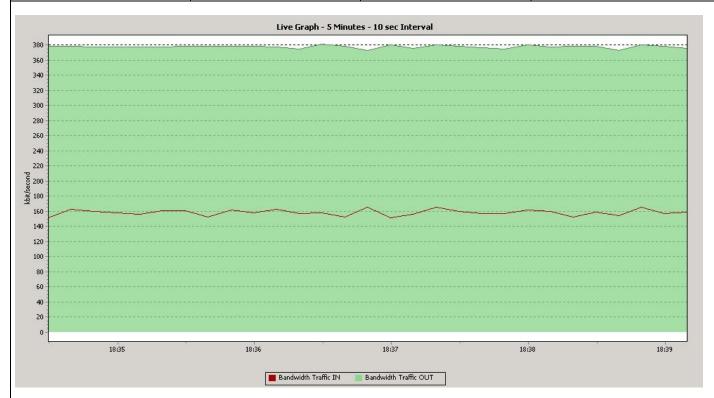**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** George Felipe
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Rossana Mollendorz

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-TENI-3679	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           : 11.588082 GHz
Symbol Rate         : 13.332840 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                 : 11.5 dB
Input Power         : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -11 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    : -18.7 dBm
ODU Output Power    : 33.3 dBm
EIRP                : 46.6 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 52 us (259335 us)
Frequency correction: 20 Hz
#


IP DVB 10.148.1.233/32


Pinging 10.146.28.1 with 32 bytes of data:

Reply from 10.146.28.1: bytes=32 time=583ms TTL=62
Reply from 10.146.28.1: bytes=32 time=603ms TTL=62
Reply from 10.146.28.1: bytes=32 time=526ms TTL=62
Reply from 10.146.28.1: bytes=32 time=634ms TTL=62
Reply from 10.146.28.1: bytes=32 time=557ms TTL=62
Reply from 10.146.28.1: bytes=32 time=568ms TTL=62
Reply from 10.146.28.1: bytes=32 time=588ms TTL=62
Reply from 10.146.28.1: bytes=32 time=599ms TTL=62
Reply from 10.146.28.1: bytes=32 time=619ms TTL=62
Reply from 10.146.28.1: bytes=32 time=541ms TTL=62

Ping statistics for 10.146.28.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 526ms, Maximum = 634ms, Average = 581ms
```