prodemge	**TERMO DE ACEITE TÉCNICO**

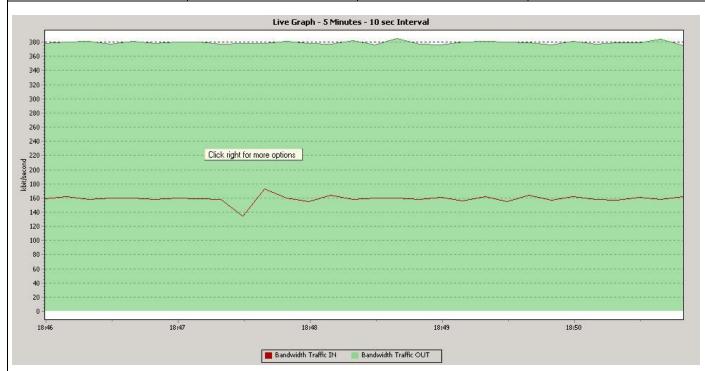**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares Campolina
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Reginaldo Silva Cordeiro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PIRA-3468	384/153	VSAT


```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
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           : 11.588546 GHz
Symbol Rate         : 13.332807 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.9 dB
Input Power         : -28 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -22 dBm
IDU max output power: 0.0 dBm
EIRP                : 47.0 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    : -21.5 dBm
ODU Output Power    : 33.8 dBm
EIRP                : 47.1 dBW
Es/No               : 13.5 dB
Header Compression  :  DSM-CC
Timing correction   : -628 us (261182 us)
Frequency correction: -110 Hz


IP DVB 10.148.0.235/32


Pinging 10.145.117.1 with 32 bytes of data:

Reply from 10.145.117.1: bytes=32 time=584ms TTL=62
Reply from 10.145.117.1: bytes=32 time=581ms TTL=62
Reply from 10.145.117.1: bytes=32 time=582ms TTL=62
Reply from 10.145.117.1: bytes=32 time=538ms TTL=62
Reply from 10.145.117.1: bytes=32 time=612ms TTL=62
Reply from 10.145.117.1: bytes=32 time=535ms TTL=62
Reply from 10.145.117.1: bytes=32 time=555ms TTL=62
Reply from 10.145.117.1: bytes=32 time=565ms TTL=62
Reply from 10.145.117.1: bytes=32 time=586ms TTL=62
Reply from 10.145.117.1: bytes=32 time=597ms TTL=62

Ping statistics for 10.145.117.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 535ms, Maximum = 612ms, Average = 573ms
```