prodemge	**TERMO DE ACEITE TÉCNICO**

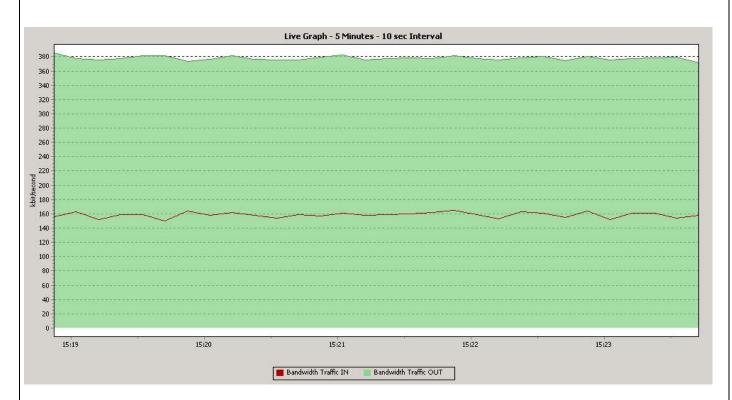**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Manoel Martins de Oliveira
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Ingrid Procopio Alves

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-FEOS-3750	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)
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           : 11.588656 GHz
Symbol Rate         : 13.332906 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                 : 12.7 dB
Input Power         : -36 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -18 dBm
IDU max output power: 0.0 dBm
EIRP                 : max
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     : -18.4 dBm
ODU Output Power     : 35.8 dBm
EIRP                 : 49.1 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -119 us (260251 us)
Frequency correction: -110 Hz

IP DVB 10.148.2.37/32

Pinging 10.146.9.1 with 32 bytes of data:

Reply from 10.146.9.1: bytes=32 time=612ms TTL=62
Reply from 10.146.9.1: bytes=32 time=535ms TTL=62
Reply from 10.146.9.1: bytes=32 time=550ms TTL=62
Reply from 10.146.9.1: bytes=32 time=566ms TTL=62
Reply from 10.146.9.1: bytes=32 time=581ms TTL=62
Reply from 10.146.9.1: bytes=32 time=592ms TTL=62
Reply from 10.146.9.1: bytes=32 time=613ms TTL=62
Reply from 10.146.9.1: bytes=32 time=536ms TTL=62
Reply from 10.146.9.1: bytes=32 time=552ms TTL=62
Reply from 10.146.9.1: bytes=32 time=568ms TTL=62

Ping statistics for 10.146.9.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 535ms, Maximum = 613ms, Average = 570ms
```