▶ **prodemge**	**TERMO DE ACEITE TÉCNICO**

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

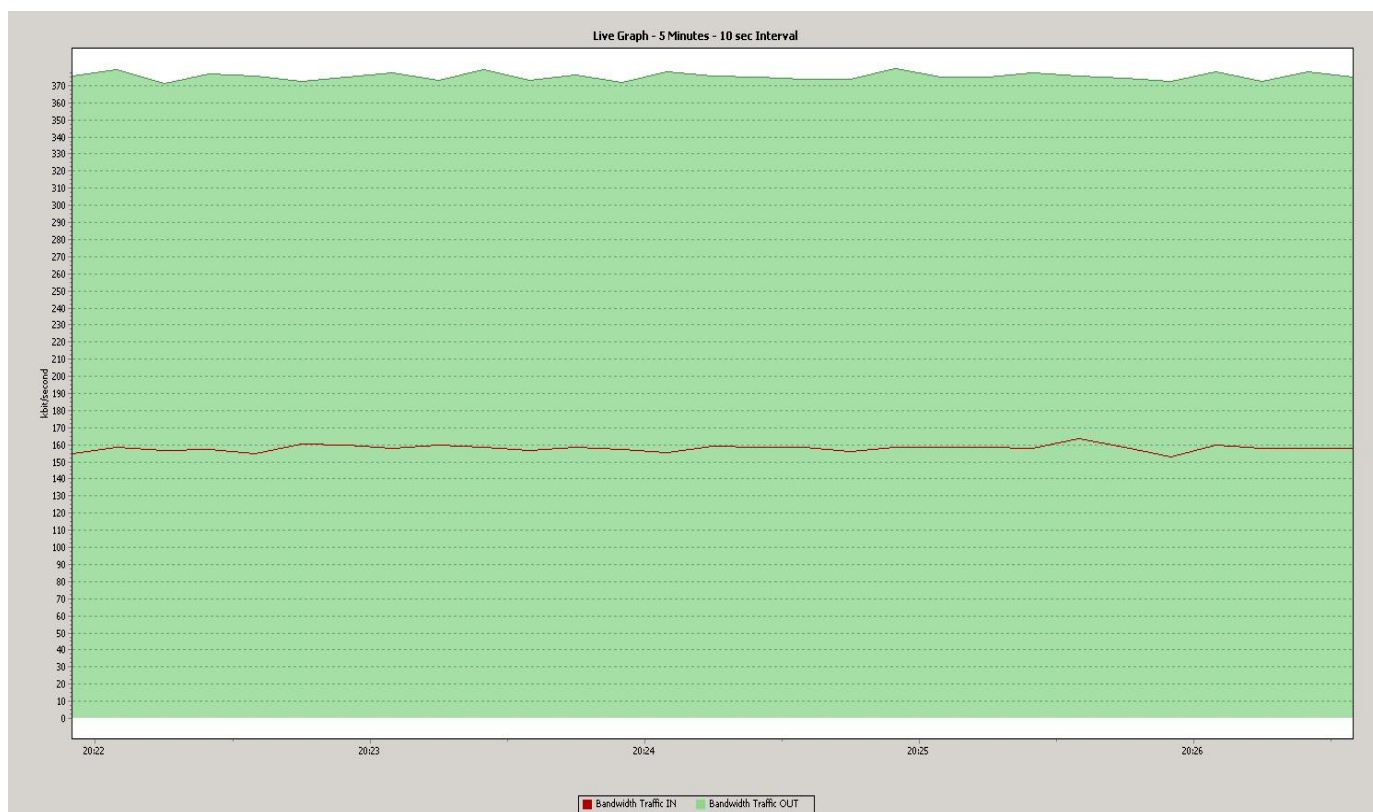| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Paulo Henrique dos Santos
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Sidinei Jose

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-JUIA-4595	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    45.000000      11.606250  DVB-S2 2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606373 GHz
Symbol Rate         : 44.999638 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.8 dB
Input Power         : -21 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -30 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      : -19.5 dBm
ODU Output Power      : 33.8 dBm
EIRP                  : 47.3 dBW
Es/No                 : 12.0 dB
Header Compression    :  DSM-CC
Timing correction     : 84 us (253552 us)
Frequency correction: 140 Hz


IP DVB: 10.148.4.122/32


 C:\>ping -n 10 10.173.17.1

 Pinging 10.173.17.1 with 32 bytes of data:

 Reply from 10.173.17.1: bytes=32 time=600ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=616ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=720ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=518ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=568ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=582ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=543ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=612ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=536ms TTL=62
 Reply from 10.173.17.1: bytes=32 time=552ms TTL=62

 Ping statistics for 10.173.17.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 518ms, Maximum = 720ms, Average = 584ms
```