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

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

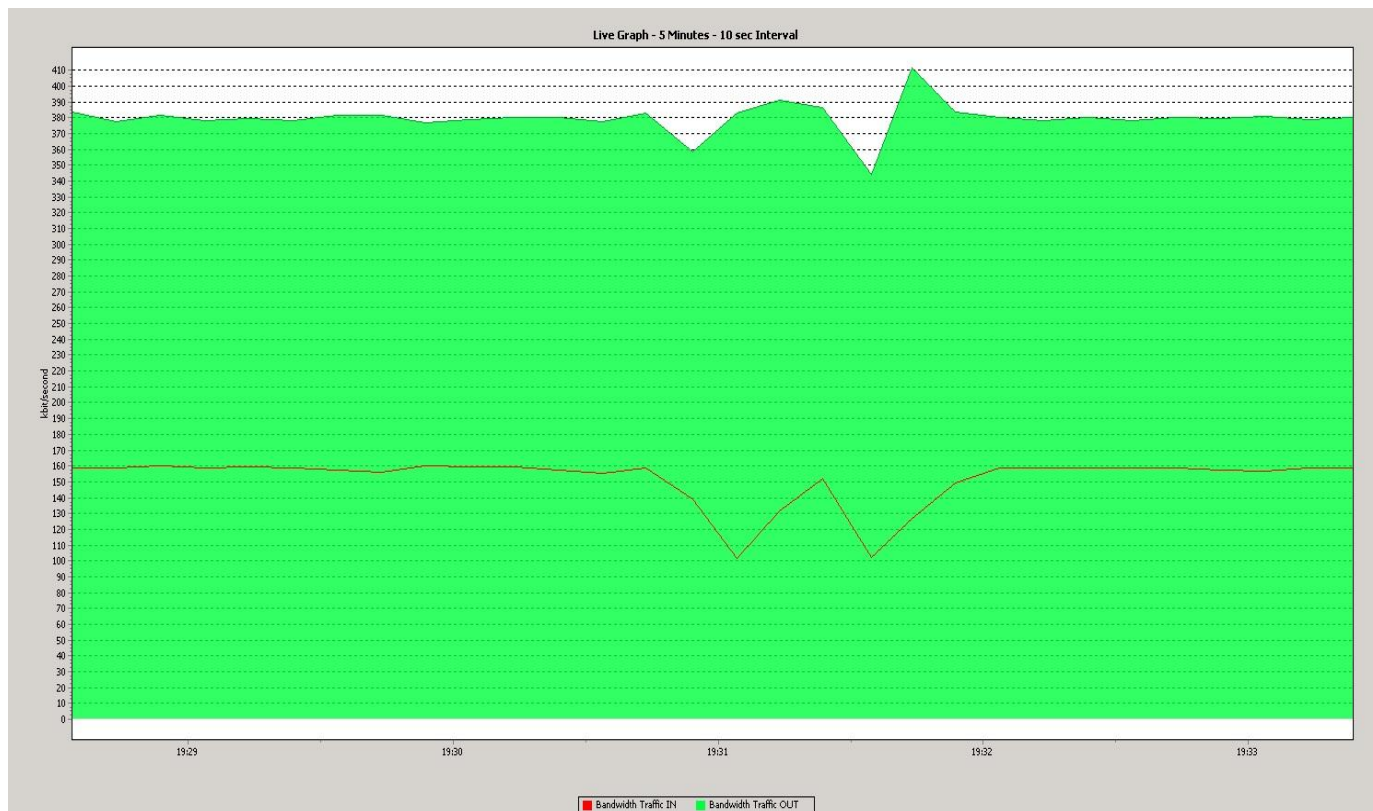| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Jair de Oliveira
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Jailson Ferreira

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-MATA-3488	384/153	VSAT


```
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           : 11.606660 GHz
Symbol Rate         : 44.999970 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 10  QPSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.0 dB
Input Power         : -29 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      : -21.3 dBm
ODU Output Power      : 33.8 dBm
EIRP                  : 47.1 dBW
Es/No                 : 11.5 dB
Header Compression  :  DSM-CC
Timing correction    : 272 us (250932 us)
Frequency correction: 50 Hz


IP DVB: 10.148.5.77/32


 Pinging 10.145.125.1 with 32 bytes of data:

 Reply from 10.145.125.1: bytes=32 time=572ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=580ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=602ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=526ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=534ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=556ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=561ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=577ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=548ms TTL=62
 Reply from 10.145.125.1: bytes=32 time=597ms TTL=62

 Ping statistics for 10.145.125.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 526ms, Maximum = 602ms, Average = 565ms
```