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

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

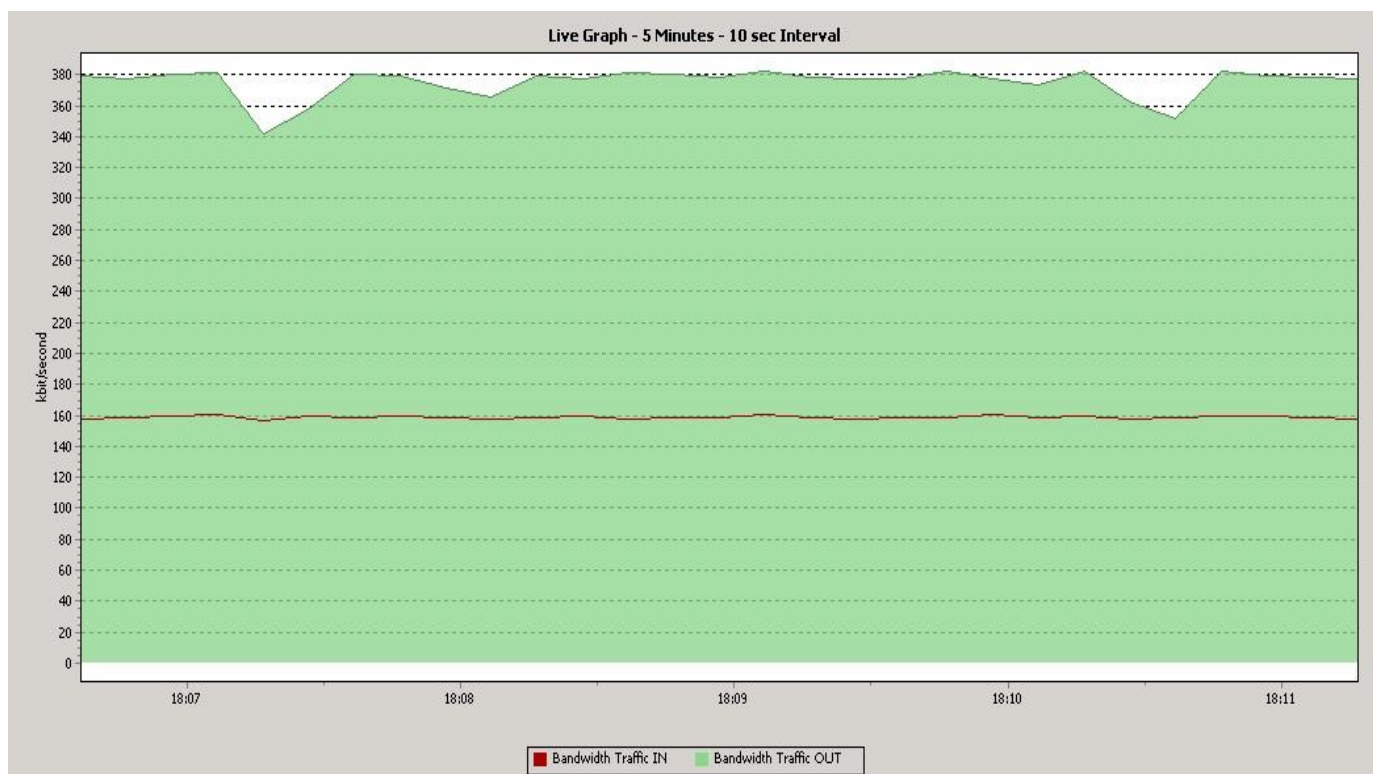| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Renato Bertoline
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Cintia de Abreu

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-TENI-3681	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    13.333000       11.588250  DVB-S2 2          Yes
  1  1     0.000000        0.000000  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588020 GHz
Symbol Rate         : 13.333099 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                 : 11.1 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -28 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     : -22.9 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.1 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : -116 us (259396 us)
Frequency correction : 60 Hz


IP DVB: 10.148.3.98/32


 C:\>ping -n 10 10.146.75.1

 Pinging 10.146.75.1 with 32 bytes of data:

 Reply from 10.146.75.1: bytes=32 time=597ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=520ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=625ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=548ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=564ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=583ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=562ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=613ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=537ms TTL=62
 Reply from 10.146.75.1: bytes=32 time=579ms TTL=62

 Ping statistics for 10.146.75.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 520ms, Maximum = 625ms, Average = 572ms
```