# TERMO DE ACEITE TÉCNICO

**prodemge**

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

| | |
|---|---|
| **NOC/Operadora:** Pedro Henrique da R. Bernardes | **Operadora/Cliente:** Ailton Guimarães |
| **GRE/Prodemge:** Douglas Alvares | **Responsável/cliente:** Rosana Linhares |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-ITRA-4019 | 384/153 | VSAT |



Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN    ■ Bandwidth Traffic OUT
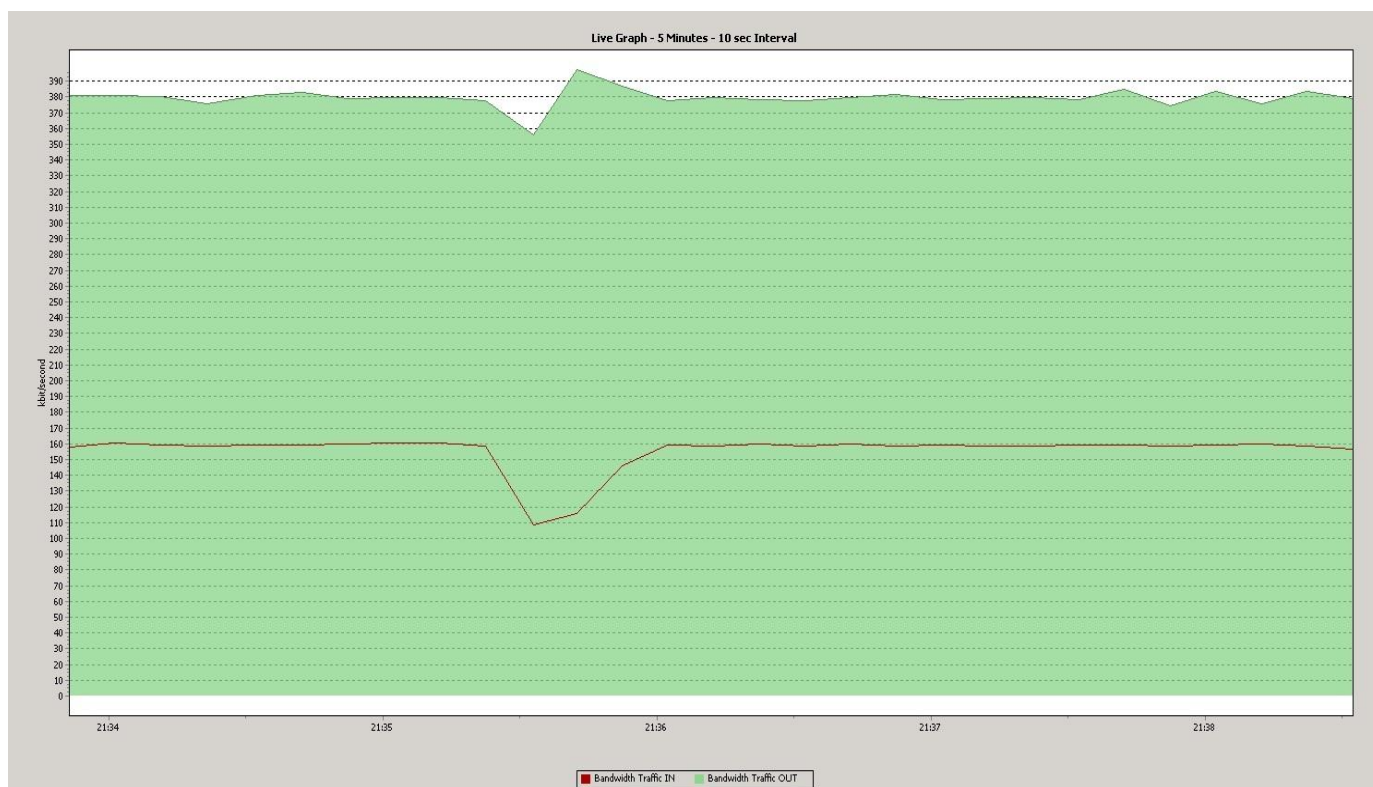
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]   Mode    PopId    Enable
* 0   0    45.000000      11.606250   DVB-S2  2          Yes
  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           : 11.606743 GHz
Symbol Rate         : 45.000104 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                 : 9.6 dB
Input Power         : -28 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -25 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     : -17.9 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 255 us (251735 us)
Frequency correction: 170 Hz


IP DVB: 10.148.3.195/32


 C:\>ping -n 10 10.147.11.1

 Pinging 10.147.11.1 with 32 bytes of data:

 Reply from 10.147.11.1: bytes=32 time=536ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=563ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=537ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=589ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=597ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=554ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=544ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=556ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=576ms TTL=62
 Reply from 10.147.11.1: bytes=32 time=583ms TTL=62

 Ping statistics for 10.147.11.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 536ms, Maximum = 597ms, Average = 563ms
```