# prodemge

# TERMO DE ACEITE TÉCNICO

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

| **NOC/Operadora:** Bruno Resston Moreira | **Operadora/Cliente:** Johnny Miranda Rodrigues |
|---|---|
| **GRE/Prodemge:** Rafael Alves Ferreira | **Responsável/cliente:** Flavia Milene Silva |

| **Consórcio** | **VSAT-ID** | **Porta kbps** | **Plataforma** |
|---|---|---|---|
| STM/Vodanet | SES-SARO-3591 | 384/153 | VSAT |



Live Graph - 5 Minutes - 10 sec Interval

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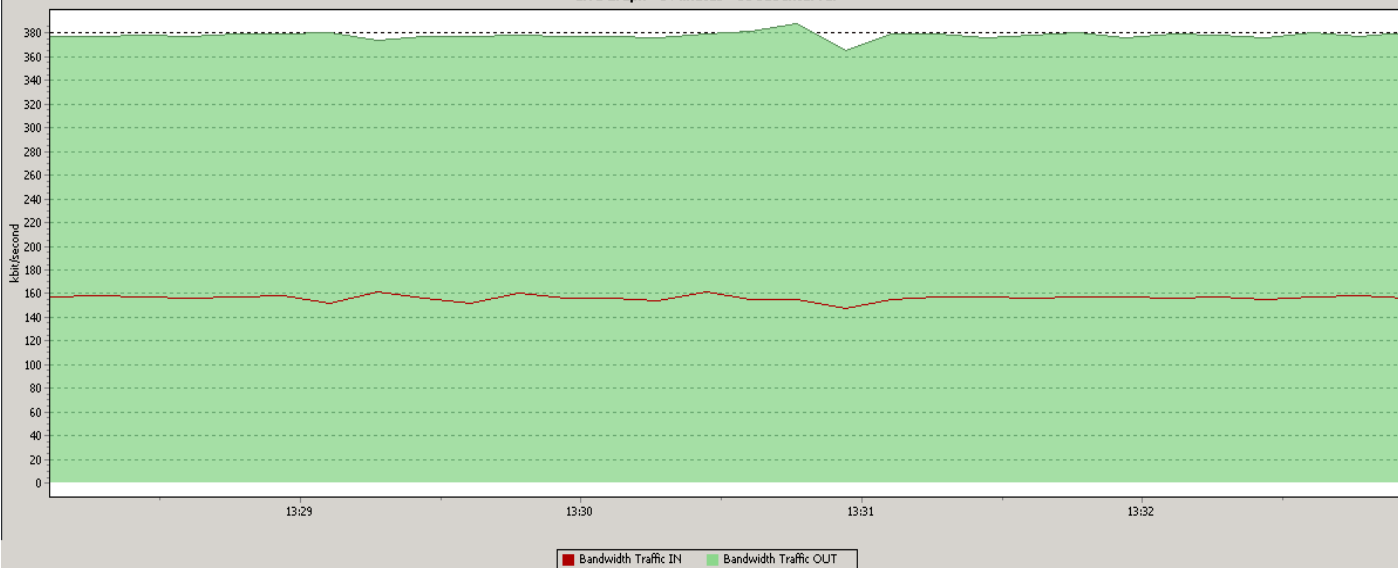
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId    Enable
* 0  0    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           : 11.588271 GHz
Symbol Rate         : 13.332909 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.5 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -16.9 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -244 us (259249 us)
Frequency correction: -290 Hz

IP DVB:10.148.1.17/32

Pinging 10.146.0.1 with 32 bytes of data:

Reply from 10.146.0.1: bytes=32 time=548ms TTL=62
Reply from 10.146.0.1: bytes=32 time=559ms TTL=62
Reply from 10.146.0.1: bytes=32 time=580ms TTL=62
Reply from 10.146.0.1: bytes=32 time=590ms TTL=62
Reply from 10.146.0.1: bytes=32 time=611ms TTL=62
Reply from 10.146.0.1: bytes=32 time=534ms TTL=62
Reply from 10.146.0.1: bytes=32 time=544ms TTL=62
Reply from 10.146.0.1: bytes=32 time=565ms TTL=62
Reply from 10.146.0.1: bytes=32 time=576ms TTL=62
Reply from 10.146.0.1: bytes=32 time=597ms TTL=62

Ping statistics for 10.146.0.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 534ms, Maximum = 611ms, Average = 570ms
```