prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Sydnei de Paula Silva
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Sergio Mauro

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-BEIM-3836	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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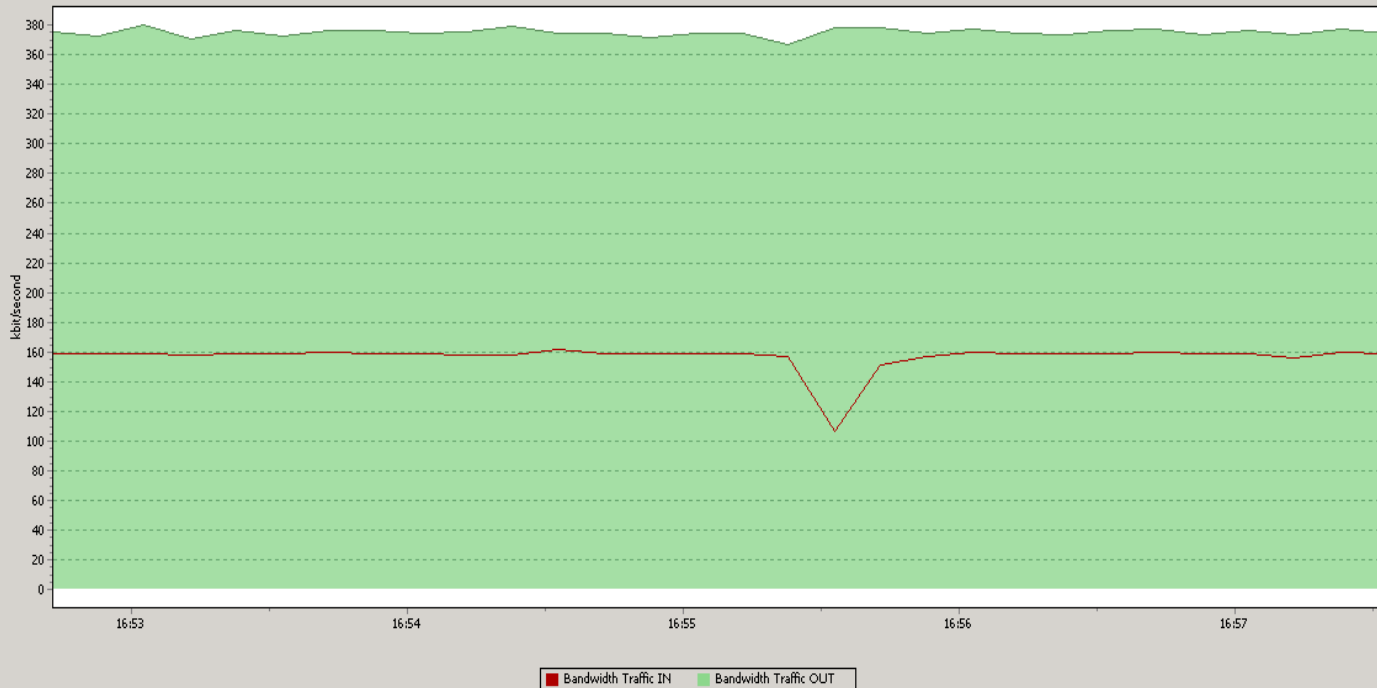
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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        No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588617 GHz
Symbol Rate         : 13.332846 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                 : 13.2 dB
Input Power         : -33 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -13 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     : -11.7 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -53 us (260933 us)
Frequency correction: -130 Hz


IP DVB: 10.148.1.200/32


Pinging 10.146.134.1 with 32 bytes of data:

Reply from 10.146.134.1: bytes=32 time=549ms TTL=62
Reply from 10.146.134.1: bytes=32 time=561ms TTL=62
Reply from 10.146.134.1: bytes=32 time=580ms TTL=62
Reply from 10.146.134.1: bytes=32 time=553ms TTL=62
Reply from 10.146.134.1: bytes=32 time=610ms TTL=62
Reply from 10.146.134.1: bytes=32 time=621ms TTL=62
Reply from 10.146.134.1: bytes=32 time=568ms TTL=62
Reply from 10.146.134.1: bytes=32 time=563ms TTL=62
Reply from 10.146.134.1: bytes=32 time=574ms TTL=62
Reply from 10.146.134.1: bytes=32 time=593ms TTL=62

Ping statistics for 10.146.134.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 549ms, Maximum = 621ms, Average = 577ms
```