▶ prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:**12/01/2012

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Ednei Gomes de Souza

GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Suvamar Costa Silva

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-LADE-0724	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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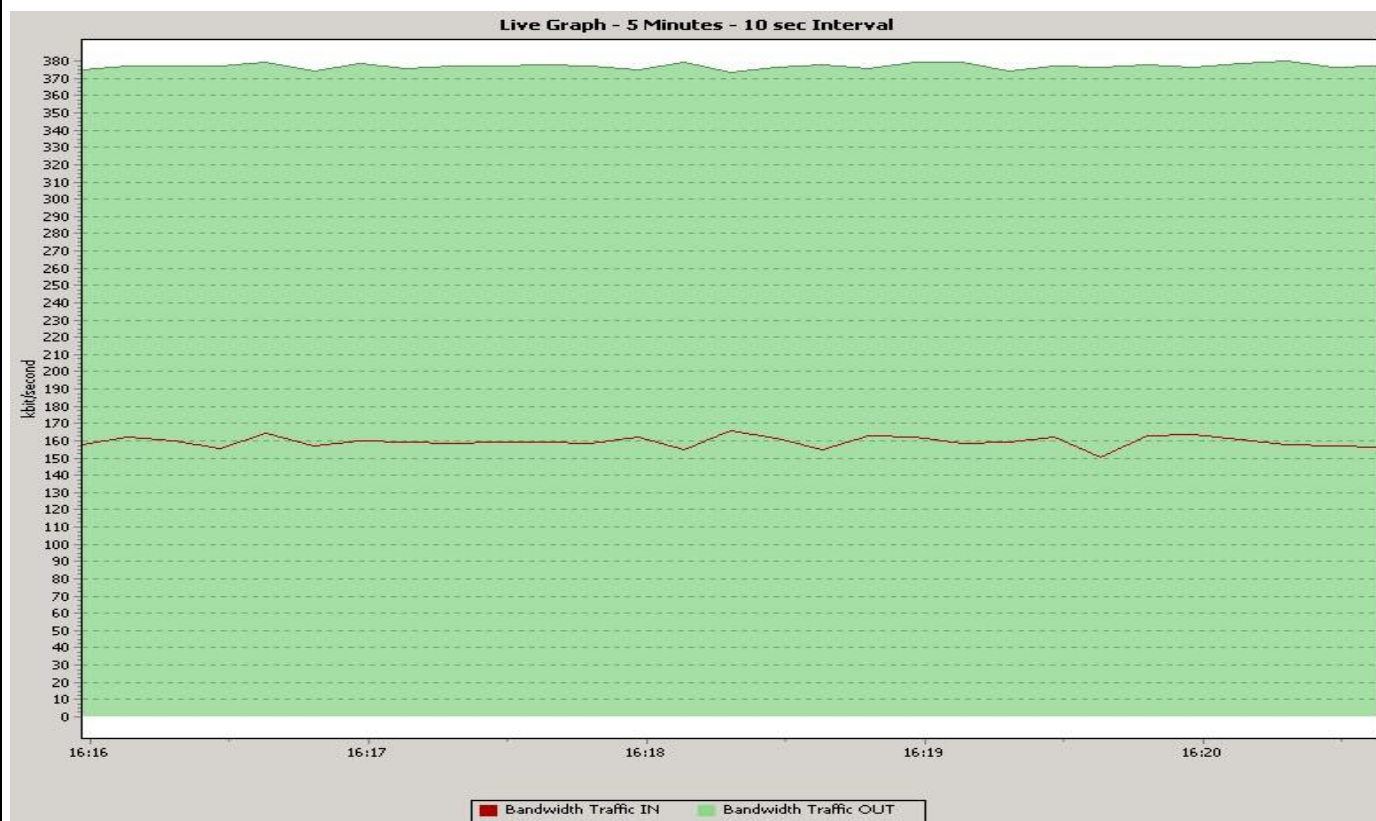
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]   Mode    PopId   Enable
* 0   0      7.120000      11.583700   DVB-S2  2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.584133 GHz
Symbol Rate         : 7.120018 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                 : 14.2 dB
Input Power         : -33 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -15.5 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 15.0 dB
Header Compression   :  DSM-CC
Timing correction    : -510 us (272203 us)
Frequency correction: 90 Hz

IP DVB: 10.148.0.54/32

Pinging 10.144.60.1 with 32 bytes of data:

Reply from 10.144.60.1: bytes=32 time=633ms TTL=62
Reply from 10.144.60.1: bytes=32 time=556ms TTL=62
Reply from 10.144.60.1: bytes=32 time=567ms TTL=62
Reply from 10.144.60.1: bytes=32 time=588ms TTL=62
Reply from 10.144.60.1: bytes=32 time=599ms TTL=62
Reply from 10.144.60.1: bytes=32 time=620ms TTL=62
Reply from 10.144.60.1: bytes=32 time=631ms TTL=62
Reply from 10.144.60.1: bytes=32 time=652ms TTL=62
Reply from 10.144.60.1: bytes=32 time=575ms TTL=62
Reply from 10.144.60.1: bytes=32 time=585ms TTL=62

Ping statistics for 10.144.60.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 556ms, Maximum = 652ms, Average = 600ms
```