prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais | **Data:** 28/12/2011

NOC/Operadora: Olivan Neves | **Operadora/Cliente:** Deferson de Oliveira
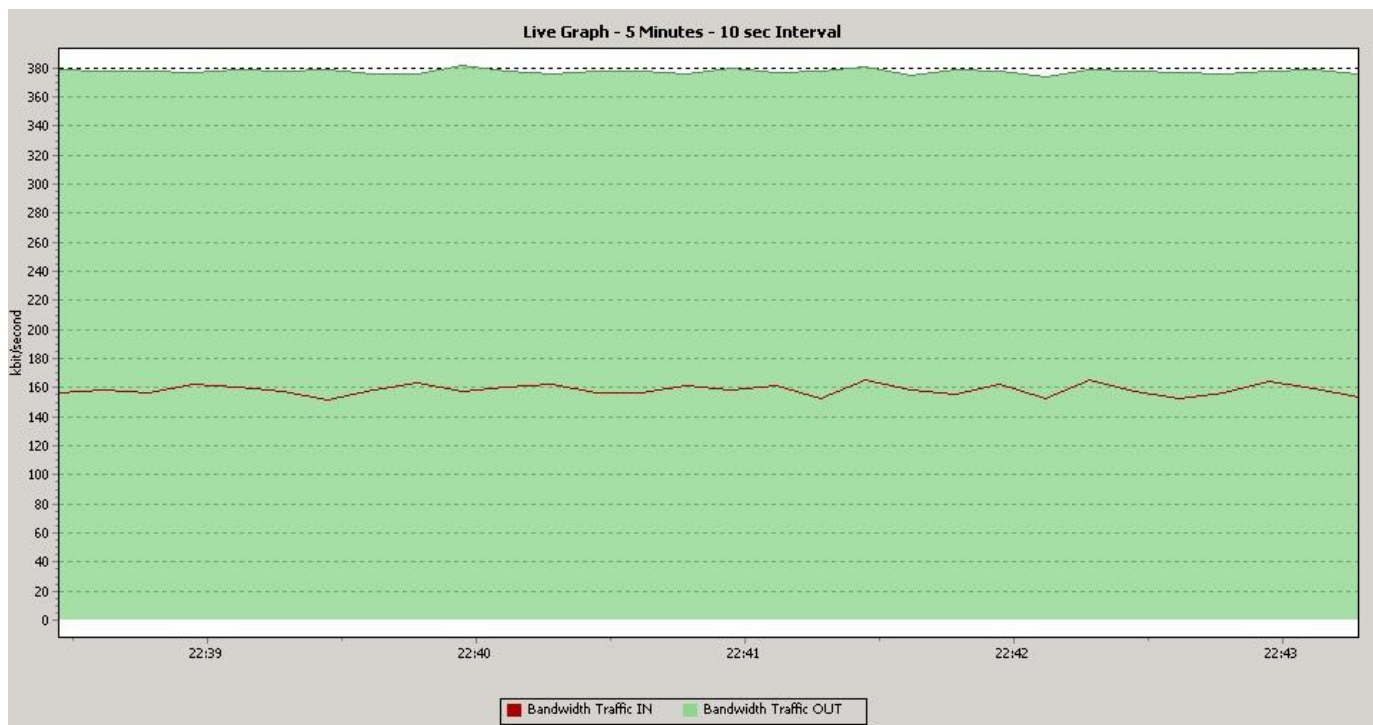
GRE/Prodemge: Douglas Alvares | **Responsável/cliente:** Lilian Castro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ANAS-0657	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: 9.6 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           : 11.583920 GHz
Symbol Rate         : 7.120007 Msps
S2 ModCod
      - receiving   : 13   8PSK-2/3
      - current max : 22   16APSK-8/9
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.6 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -15 dBm
EIRP                : 47.5 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    : -15.1 dBm
ODU Output Power    : 34.2 dBm
EIRP                : 47.5 dBW
Eb/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : -275 us (271070 us)
Frequency correction: -350 Hz




Pinging 10.144.13.1 with 32 bytes of data:

Reply from 10.144.13.1: bytes=32 time=599ms TTL=61
Reply from 10.144.13.1: bytes=32 time=707ms TTL=61
Reply from 10.144.13.1: bytes=32 time=625ms TTL=61
Reply from 10.144.13.1: bytes=32 time=553ms TTL=61
Reply from 10.144.13.1: bytes=32 time=661ms TTL=61
Reply from 10.144.13.1: bytes=32 time=580ms TTL=61
Reply from 10.144.13.1: bytes=32 time=692ms TTL=61
Reply from 10.144.13.1: bytes=32 time=615ms TTL=61
Reply from 10.144.13.1: bytes=32 time=538ms TTL=61
Reply from 10.144.13.1: bytes=32 time=641ms TTL=61

Ping statistics for 10.144.13.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 538ms, Maximum = 707ms, Average = 621ms
```