prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: PRODEMGE / SEE

NOC/Operadora: Paulo de Tarso	**Operadora/Cliente:** Claudnei Silva
GRE/Prodemge: João Antinossi	**Responsável/cliente:** HELIO DE JESUS MONTEIRO

Consórcio EMC/Vodanet	**VSAT-ID** SEE-SAAO-22070	**Porta kbps** 2048/1024	**Plataforma** VSAT

Port eth0 on SEE-SAAO-22070 (10.212.142.1)

Live Graph - 5 Minutes - 10 sec Interval
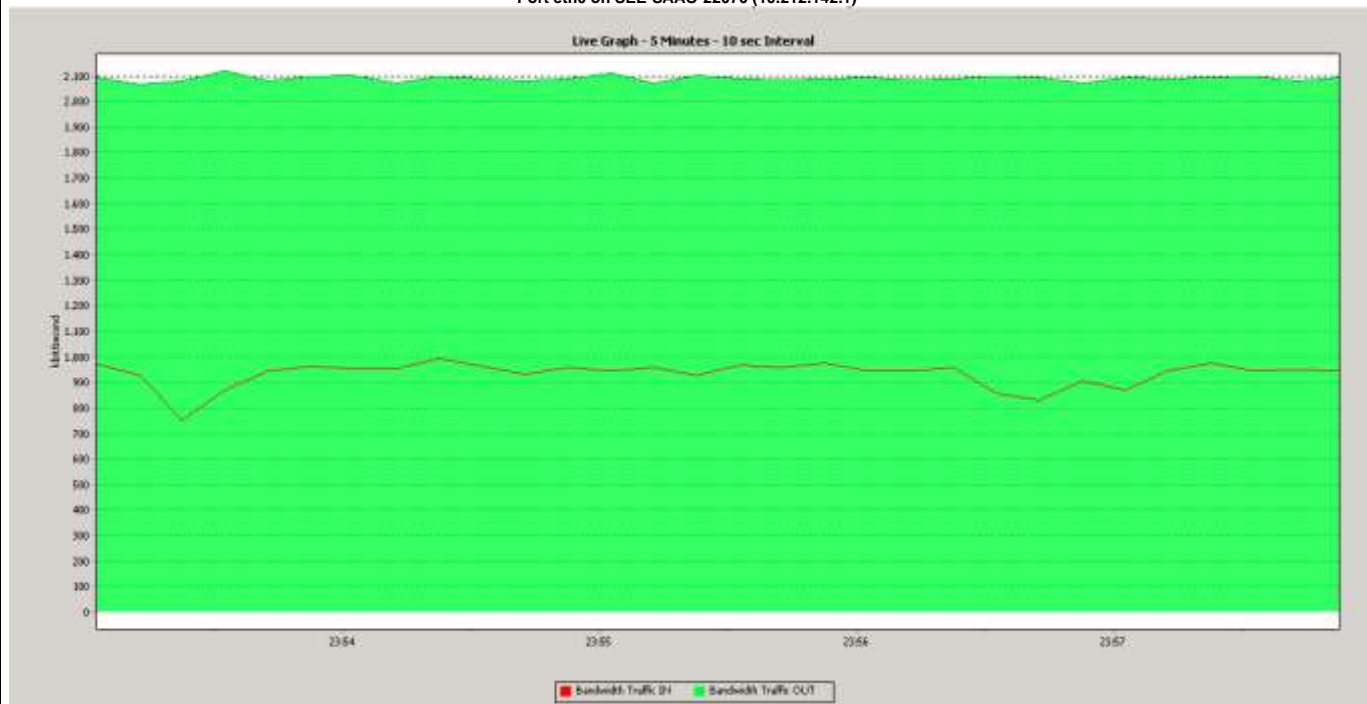
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
RX watchdog           : 15 minute

Idx  Pri   SymbRate[Msps] Freq[GHz] Mode    PopId   SatId  Pos   SatName           Name
Enable
* 0  0      4.883300      12.176420 DVB-S2  104       0    0.0 E
Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 12.176324 GHz
Symbol Rate         : 4.883036 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 21  16APSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 16.2 dB
Input Power         : -34 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 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



Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS2)
IDU Output Power    : -13.9 dBm
ODU Output Power    : 33.0 dBm
EIRP                : 46.3 dBW
Es/No               : 14.0 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -413 us (281858 us)
Frequency correction: -70 Hz



System Information:
    Name                : SEE-SAAO-22070
    Location            : SÃO ROMÃO - MG
    Contact             :
    System Up time      : 3 days, 18:19:01
    CPU Load            : 15%
    System time(UTC)    : 20 November 2017 10:24:38
    Broadcast Message   : not set

HW:
    Model               : SatLink 2000
    HW ID               : 120033
    Main board ID       : 120026 R6.2

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:4a:f7
    Satellite (DVB)     : 00:20:0e:10:4a:f7

# arp show

   NetAddr        State  MacAddr            If
   10.212.142.2  Dynamic 70:5a:b6:eb:69:8a   1


Pinging 10.212.142.1 with 32 bytes of data:

Reply from 10.212.142.1: bytes=32 time=557ms TTL=56
Reply from 10.212.142.1: bytes=32 time=546ms TTL=56
Reply from 10.212.142.1: bytes=32 time=668ms TTL=56
Reply from 10.212.142.1: bytes=32 time=534ms TTL=56
Reply from 10.212.142.1: bytes=32 time=629ms TTL=56
Reply from 10.212.142.1: bytes=32 time=525ms TTL=56
Reply from 10.212.142.1: bytes=32 time=594ms TTL=56
Reply from 10.212.142.1: bytes=32 time=728ms TTL=56
Reply from 10.212.142.1: bytes=32 time=542ms TTL=56
Reply from 10.212.142.1: bytes=32 time=549ms TTL=56

Ping statistics for 10.212.142.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 525ms, Maximum = 728ms, Average = 587ms
```

Lista de sites acessados:

www.globo.com – ok
www.hotmail.com – ok
www.google.com – ok
www.educacao.mg.gov.br – ok

Responsável pelo teste de navegação:
Nome: HELIO DE JESUS MONTEIRO
Função: Diretor
MASP 867037-4
Telefone: (38) 99917-4012
Horário de funcionamento da escola: 07:00 as 23:00