prodemge	TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Pedro Bernardes	**Operadora/Cliente:** Ederson Martins
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Marlen Adriane Nascimento Pena

Consórcio	VSAT-ID	Porta kbps	Plataforma
EMC/Vodanet	SEE-SASO-22584	2Mbps	VSAT

Port eth0 on SEE-SASO-22584 (10.214.19.1)

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN ■ Bandwidth Traffic OUT
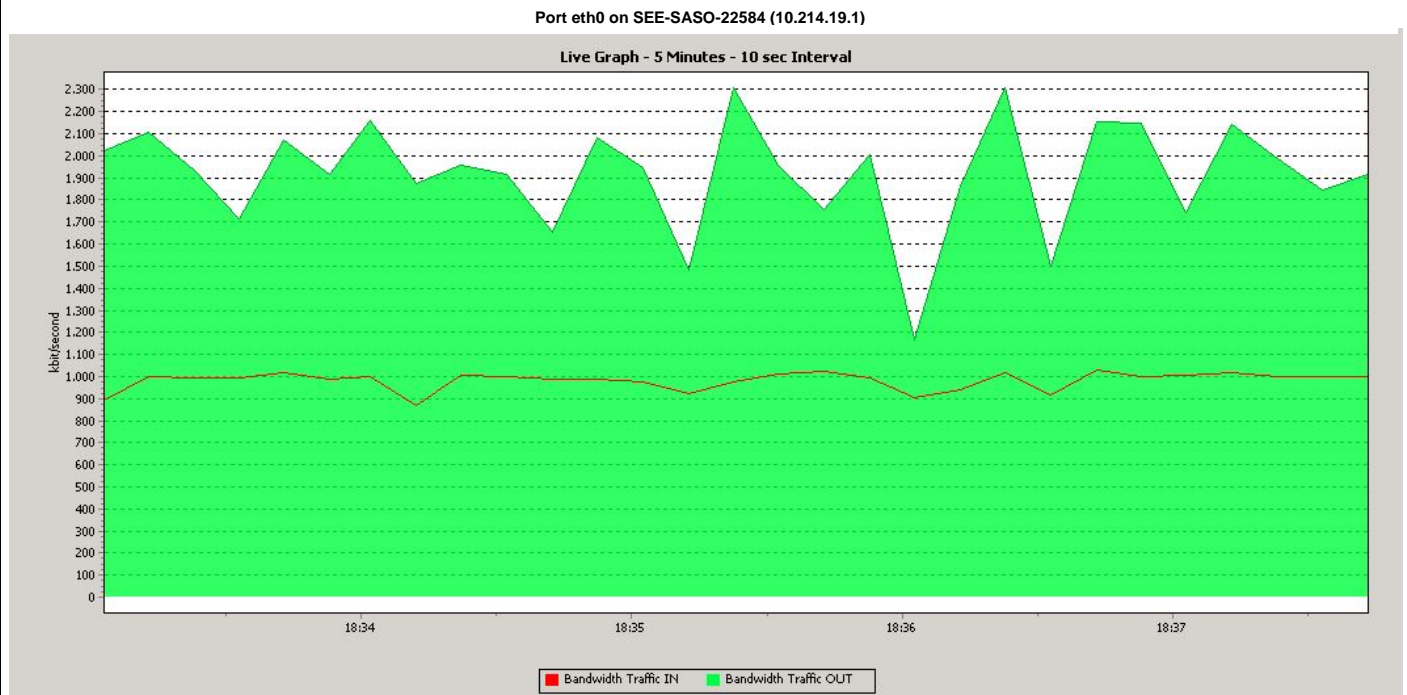
```
Satellite (DVB) RX Configuration
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Auto start          : Enabled
Max Traffic MODCOD   : 23   16APSK-9/10
RX watchdog          : 15 minute

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
  1  1    16.667000      11.962753 DVB-S2 2         0    0.0 E
Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 12.176383 GHz
Symbol Rate        : 4.882954 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                : 16.9 dB
Input Power        : -35 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -21 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    : -16.4 dBm
ODU Output Power    : 33.4 dBm
EIRP                : 46.7 dBW
Es/No               : 12.5 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -367 us (280373 us)
Frequency correction: -10 Hz

System Information:
    Name                : SEE-SASO-22584
    Location            : São João do Paraíso - MG
    Contact             :
    System Up time      : 0 days, 00:04:00
    CPU Load            : 16%
    System time(UTC)    : 09 November 2017 13:37:48
    Broadcast Message   : not set

HW:
    Model               : SatLink 2000
    HW ID               : 120033
    Main board ID       : 120026 R6.1

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:48:fb
    Satellite (DVB)     : 00:20:0e:10:48:fb

NetAddr        State   MacAddr             If
    10.214.19.2  Dynamic 1c:39:47:5b:e2:48   1

Pinging 10.214.19.1 with 32 bytes of data:

Reply from 10.214.19.1: bytes=32 time=617ms TTL=56
Reply from 10.214.19.1: bytes=32 time=630ms TTL=56
Reply from 10.214.19.1: bytes=32 time=543ms TTL=56
Reply from 10.214.19.1: bytes=32 time=556ms TTL=56
Reply from 10.214.19.1: bytes=32 time=558ms TTL=56
Reply from 10.214.19.1: bytes=32 time=546ms TTL=56
Reply from 10.214.19.1: bytes=32 time=544ms TTL=56
Reply from 10.214.19.1: bytes=32 time=628ms TTL=56
Reply from 10.214.19.1: bytes=32 time=636ms TTL=56
Reply from 10.214.19.1: bytes=32 time=550ms TTL=56


Ping statistics for 10.214.19.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 543ms, Maximum = 636ms, Average = 580ms
```

Lista de sites acessados:
www.globo.com – ok
www.yahoo.com – ok
www.hotmail.com – ok
www.google.com – ok
www.educacao.mg.gov.br – ok
www.prodemge.gov.br – ok

Responsável pelo teste de navegação:
Nome: Marlen Adriane Nascimento Pena
Função: Diretora
MASP: 594909-4
Telefone: 38-99904-6264

Funcionamento: 07:00 às 18:00h