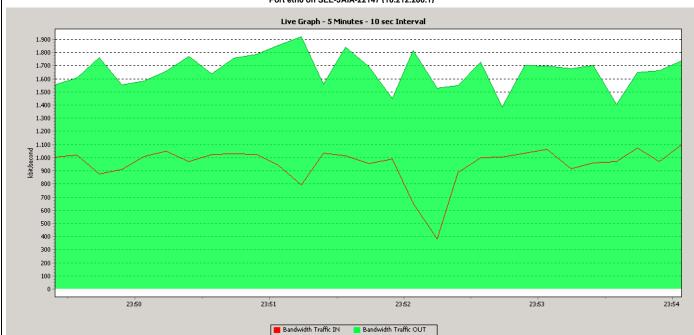| prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: PRODEMGE / SEE

NOC/Operadora: Hernan Alves	**Operadora/Cliente:** Gustavo de Oliveira
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Renato Magalhaes Freitas

Consórcio	VSAT-ID	Porta kbps	Plataforma
EMC/Vodanet	SEE-JAIA-22147	2Mbps	VSAT

Port eth0 on SEE-JAIA-22147 (10.212.200.1)

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT

```
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
  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           : 12.176111 GHz
Symbol Rate         : 4.882927 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                   : 15.3 dB
Input Power           : -35 dBm
# dvb tx show


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      : -17.6 dBm
ODU Output Power      : 33.1 dBm
EIRP                  : 46.4 dBW
Es/No                 : 12.0 dB
Header Compression    : Disabled  - HC for RCS2 not supported by HUB
Timing correction     : -295 us (281577 us)
Frequency correction: 170 Hz
# device show
System Information:
    Name                : SEE-JAIA-22147
    Location            : JANUARIA - MG
    Contact             :
    System Up time      : 0 days, 06:31:39
    CPU Load            : 15%
    System time(UTC)    : 23 November 2017 18:46:01
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:55:bb
    Satellite (DVB)     : 00:20:0e:10:55:bb

# arp show

   NetAddr        State   MacAddr             If
   10.212.200.2  Dynamic b8:ae:ed:8b:a1:67    1
#




Pinging 10.212.200.1 with 32 bytes of data:

Reply from 10.212.200.1: bytes=32 time=571ms TTL=56
Reply from 10.212.200.1: bytes=32 time=544ms TTL=56
Reply from 10.212.200.1: bytes=32 time=573ms TTL=56
Reply from 10.212.200.1: bytes=32 time=565ms TTL=56
Reply from 10.212.200.1: bytes=32 time=570ms TTL=56
Reply from 10.212.200.1: bytes=32 time=702ms TTL=56
Reply from 10.212.200.1: bytes=32 time=607ms TTL=56
Reply from 10.212.200.1: bytes=32 time=545ms TTL=56
Reply from 10.212.200.1: bytes=32 time=573ms TTL=56
Reply from 10.212.200.1: bytes=32 time=651ms TTL=56
```

```
Ping statistics for 10.212.200.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 544ms, Maximum = 702ms, Average = 590ms
```

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: Renato Magalhaes Freitas
Função: Diretor
MASP: 1108108-0
Contato: (38) 99840-9977

Horário de funcionamento: 07:00 as 17:00