prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: PRODEMGE / SEE

NOC/Operadora: Ricardo Benavides	**Operadora/Cliente: Leonardo Lourenço**
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Lander Franklin de Oliveira

Consórcio	VSAT-ID	Porta kbps	Plataforma
EMC/Vodanet	SEE-MACU-24474	2Mbps	VSAT

Port eth0 on (10.215.221.1)

Live Graph - 5 Minutes - 10 sec Interval

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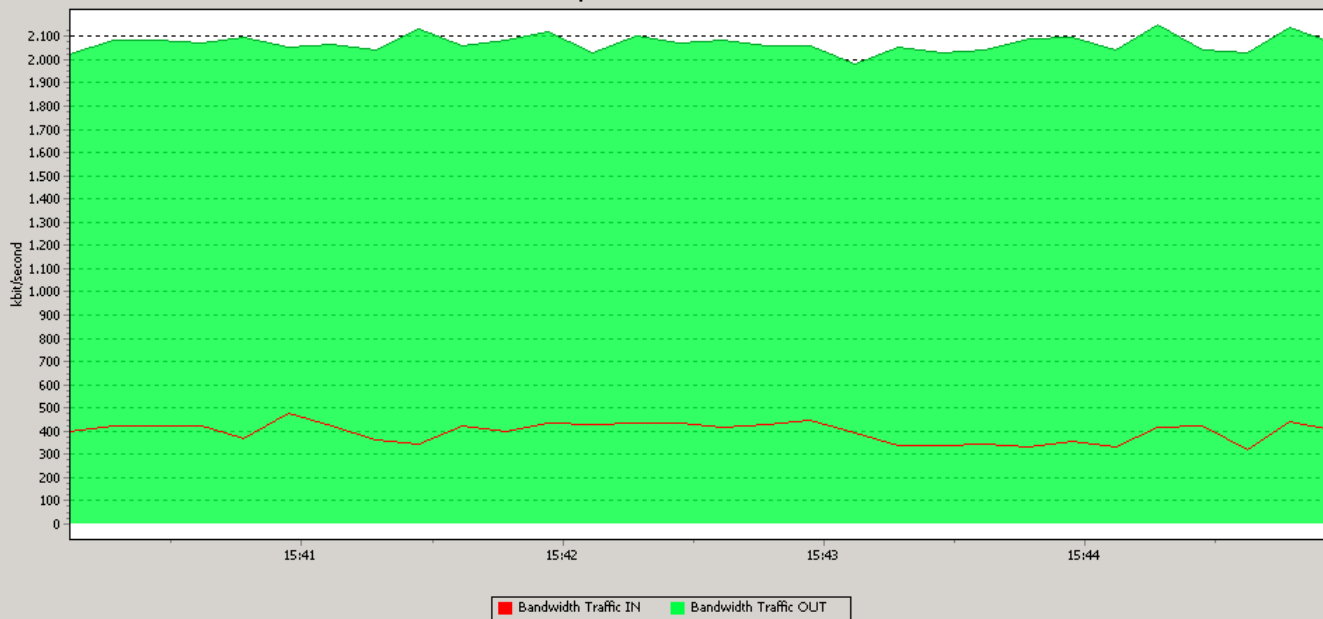
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max Traffic MODCOD  : 23   16APSK-9/10
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz] Mode   PopId   SatId  Pos   SatName        Name
Enable
* 0  0    13.333333       12.173500 DVB-S2 104       0    0.0 E
Yes
  1  1    13.333333       12.173500 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           : 12.173599 GHz
Symbol Rate         : 13.333017 Msps
S2 ModCod
     - receiving    : 19   16APSK-3/4
     - current max  : 20   16APSK-4/5
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 13.1 dB
Input Power         : -35 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
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     : -13.7 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Es/No                : 15.0 dB
Header Compression   : Disabled  - HC for RCS2 not supported by HUB
Timing correction    : -209 us (260107 us)
Frequency correction: 140 Hz

System Information:
    Name              : SEE-MACU-24474
    Location          : Manhua▒u - MG
    Contact           :
    System Up time    : 0 days, 00:17:29
    CPU Load          : 35%
    System time(UTC)  : 18 April 2018 17:54:22
    Broadcast Message  : not set

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

MAC addresses:
    Ethernet (LAN)    : 00:20:0e:10:93:a5
    Satellite (DVB)   : 00:20:0e:10:93:a5

NetAddr        State   MacAddr             If
10.215.221.2  Dynamic e8:9a:8f:c7:c6:31   1


Pinging 10.215.221.1 with 32 bytes of data:

Reply from 10.215.221.1: bytes=32 time=575ms TTL=56
Reply from 10.215.221.1: bytes=32 time=550ms TTL=56
Reply from 10.215.221.1: bytes=32 time=553ms TTL=56
Reply from 10.215.221.1: bytes=32 time=632ms TTL=56
Reply from 10.215.221.1: bytes=32 time=531ms TTL=56
Reply from 10.215.221.1: bytes=32 time=790ms TTL=56
Reply from 10.215.221.1: bytes=32 time=543ms TTL=56
Reply from 10.215.221.1: bytes=32 time=665ms TTL=56
Reply from 10.215.221.1: bytes=32 time=668ms TTL=56
Reply from 10.215.221.1: bytes=32 time=568ms TTL=56


Ping statistics for 10.215.221.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 790ms, Average = 607ms
```

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: Lander Franklin de Oliveira
Função: Professsor
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