prodemge
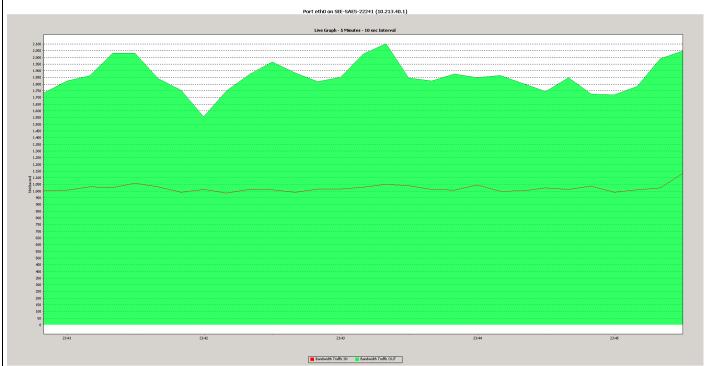
TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Wallace Teixeira	**Operadora/Cliente**: Gilvan P de Brito Júnior
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Ronan Nunes Pereira

Consórcio EMC/Vodanet	**VSAT-ID** SEE-SAES-22241	**Porta kbps** 2MBPS	**Plataforma** VSAT

Port eth0 on SEE-SAES-22241 (10.213.40.1)

Live Graph - 5 Minutes - 10 sec Interval

```
# dvb rx show

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           : 12.176365 GHz
Symbol Rate         : 4.883000 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                  : 15.6 dB
Input Power          : -30 dBm
# dvb tx show


Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 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     : -20.6 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled  - HC for RCS2 not supported by HUB
Timing correction    : -192 us (281180 us)
Frequency correction: 50 Hz
# device show
System Information:
    Name                 : SEE-SAES-22241
    Location             : SÃO JOÃO DAS MISSÕES - MG
    Contact              :
    System Up time       : 0 days, 00:20:54
    CPU Load             : 17%
    System time(UTC)     : 29 October 2017 23:07:39
    Broadcast Message    : not set

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

MAC addresses:
    Ethernet (LAN)       : 00:20:0e:10:5b:4b
    Satellite (DVB)      : 00:20:0e:10:5b:4b

# arp show

   NetAddr        State   MacAddr              If
    10.213.40.2   Dynamic e8:9a:8f:b7:bd:4a    1

Pinging 10.213.40.1 with 32 bytes of data:

Reply from 10.213.40.1: bytes=32 time=586ms TTL=56
Reply from 10.213.40.1: bytes=32 time=566ms TTL=56
Reply from 10.213.40.1: bytes=32 time=599ms TTL=56
Reply from 10.213.40.1: bytes=32 time=591ms TTL=56
Reply from 10.213.40.1: bytes=32 time=578ms TTL=56
Reply from 10.213.40.1: bytes=32 time=549ms TTL=56
Reply from 10.213.40.1: bytes=32 time=557ms TTL=56
Reply from 10.213.40.1: bytes=32 time=545ms TTL=56
Reply from 10.213.40.1: bytes=32 time=581ms TTL=56


Ping statistics for 10.213.40.1:
    Packets: Sent = 9, Received = 9, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
```

```
     Minimum = 545ms, Maximum = 599ms, Average = 572ms
```

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: Ronan Nunes Pereira
Função: Diretor
Identidade: Masp- 1200509-6