



# TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Hernan Alves

Operadora/Cliente: João Gustavo

GRE/Prodemge: João Antinossi

Responsável/cliente: Rosimarcia Pereira de Melo

Consórcio  
EMC/Vodanet

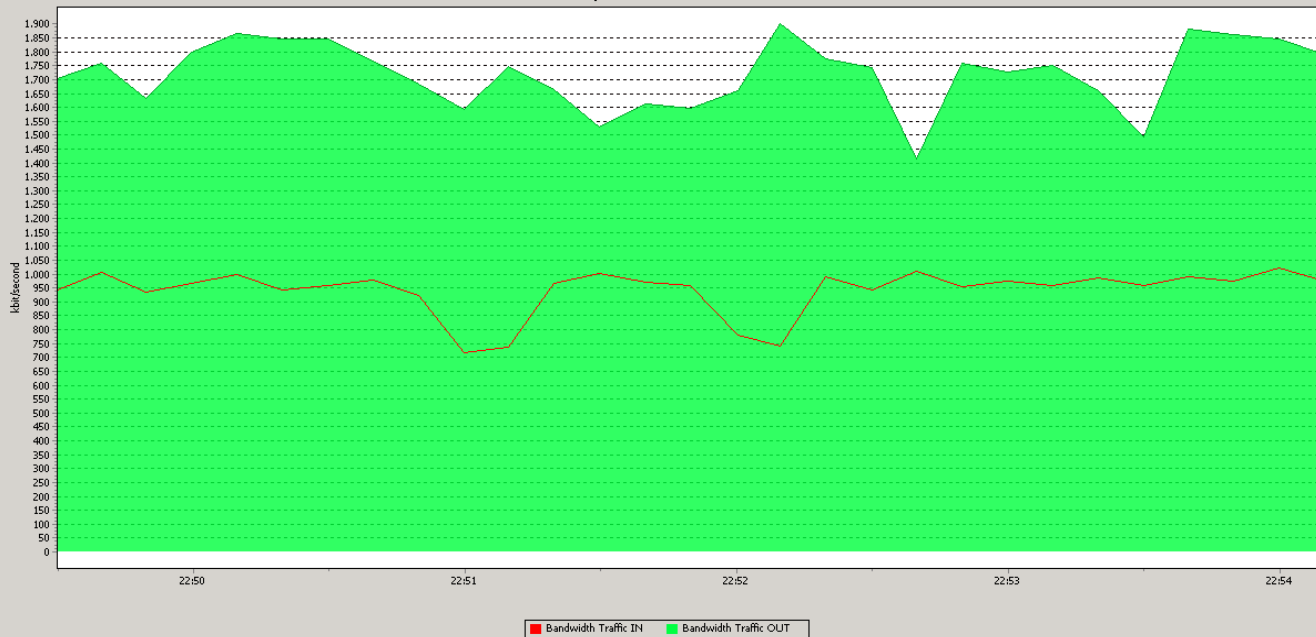
VSAT-ID  
SEE-IBTU-22121

Porta kbps  
2Mbps

Plataforma  
VSAT

Port eth0 on SEE-IBTU-22121 (10.212.174.1)

Live Graph - 5 Minutes - 10 sec Interval



PRTG Traffic Grapher V6.2.0.907 - 24/10/2017 22:54:25

## Satellite (DVB) RX Configuration

Auto start : Enabled  
Max Traffic MODCOD : 23 16APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	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 : 12.176286 GHz  
Symbol Rate : 4.883026 Mbps  
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                : 15.8 dB
Input Power        : -28 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   : -22.7 dBm
ODU Output Power   : 33.5 dBm
EIRP               : 46.8 dBW
Es/No              : 14.0 dB
Header Compression : Disabled - HC for RCS2 not supported by HUB
Timing correction  : -425 us (281372 us)
Frequency correction: 80 Hz
```

```
# device show
```

#### System Information:

```
Name           : SEE-IBTU-22121
Location        : ibiracatu - MG
Contact         :
System Up time   : 1 day, 13:40:11
CPU Load         : 16%
System time(UTC) : 01 November 2017 13:06:00
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:e9
Satellite (DVB)  : 00:20:0e:10:48:e9
```

Transec not Supported by this device !

```
# arp show
```

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

```
#
```

Pinging 10.212.174.1 with 32 bytes of data:

```
Reply from 10.212.174.1: bytes=32 time=562ms TTL=56
Reply from 10.212.174.1: bytes=32 time=538ms TTL=56
Reply from 10.212.174.1: bytes=32 time=529ms TTL=56
Reply from 10.212.174.1: bytes=32 time=614ms TTL=56
Reply from 10.212.174.1: bytes=32 time=704ms TTL=56
Reply from 10.212.174.1: bytes=32 time=529ms TTL=56
Reply from 10.212.174.1: bytes=32 time=546ms TTL=56
Reply from 10.212.174.1: bytes=32 time=573ms TTL=56
```

Reply from 10.212.174.1: bytes=32 time=550ms TTL=56  
Reply from 10.212.174.1: bytes=32 time=538ms TTL=56

Ping statistics for 10.212.174.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 529ms, Maximum = 704ms, Average = 568ms

Lista de sites acessados:

[www.globo.com](http://www.globo.com) – ok

[www.hotmail.com](http://www.hotmail.com) – ok

[www.google.com](http://www.google.com) – ok

[www.educacao.mg.gov.br](http://www.educacao.mg.gov.br) – ok

[www.prodemge.mg.gov.br](http://www.prodemge.mg.gov.br) – ok

Responsável pelo teste de navegação:

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Função: Vice Diretora

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