



# TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Guilherme Cunha

Operadora/Cliente: Ederson Martins

GRE/Prodemge: João Antinossi

Responsável/cliente: Soraya Jamel

Consórcio  
EMC/Vodanet

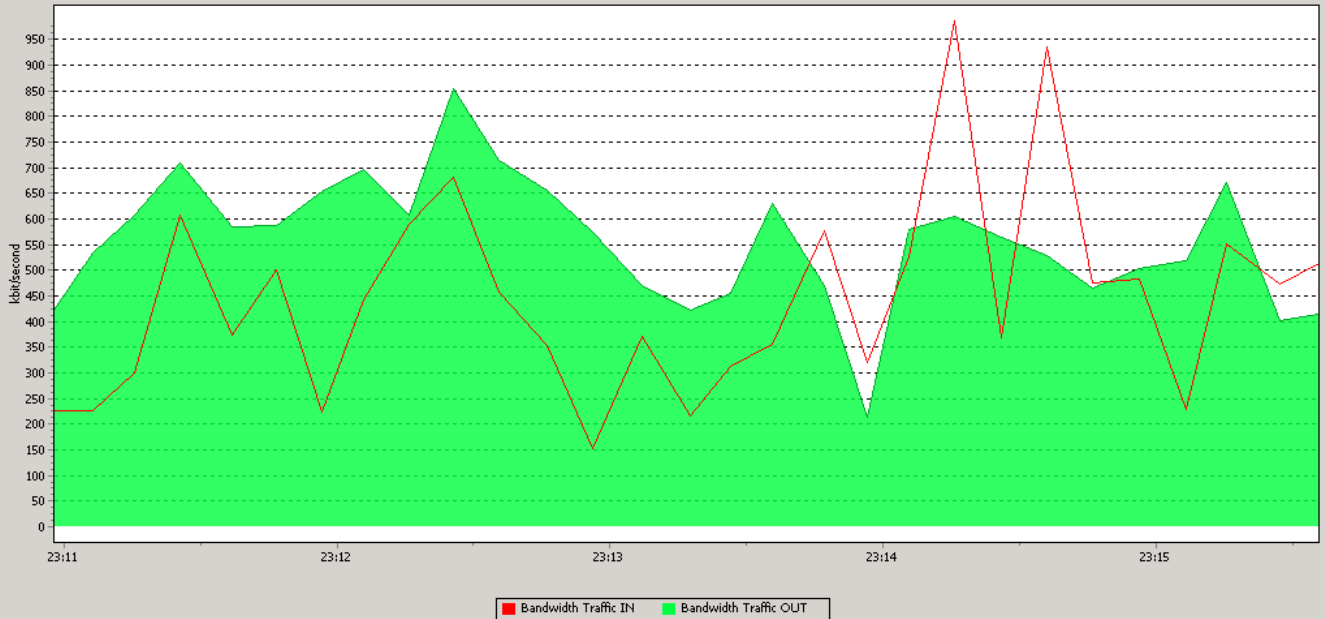
VSAT-ID  
SEE-PEOR-23221

Porta kbps  
2048/1024

Plataforma  
VSAT

Port eth0 on SEE-PEOR-23221 (10.215.150.1)

Live Graph - 5 Minutes - 10 sec Interval



PRTG Traffic Grapher V6.2.0.907 - 29/11/2017 23:15:50

```
# dvb rx show
```

## 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           : 12.176404 GHz
Symbol Rate        : 4.882963 Msps
S2 ModCod
  - receiving       : 21   16APSK-5/6
  - 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                : 16.7 dB
Input Power        : -36 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   : -13.2 dBm
ODU Output Power   : 33.4 dBm
EIRP               : 46.7 dBW
Es/No              : 15.0 dB
Header Compression : Disabled - HC for RCS2 not supported by HUB
Timing correction  : -115 us (280854 us)
Frequency correction: 90 Hz
```

```
# device show
```

#### System Information:

```
Name           : SEE-PEOR-23221
Location        : Pescador - MG
Contact         :
System Up time   : 0 days, 00:27:19
CPU Load        : 19%
System time(UTC) : 29 November 2017 22:13:48
Broadcast Message : not set
```

#### HW:

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

#### MAC addresses:

```
Ethernet (LAN)   : 00:20:0e:10:54:77
Satellite (DVB)  : 00:20:0e:10:54:77
```

```
# arp show
```

NetAddr	State	MacAddr	If
10.215.150.2	Dynamic	b8:70:f4:6e:b3:ab	1

```
C:\Documents and Settings\Administrator.DVB-RCS.000>ping -n 15 10.215.150.1
```

```
Pinging 10.215.150.1 with 32 bytes of data:
```

```
Reply from 10.215.150.1: bytes=32 time=530ms TTL=56
Reply from 10.215.150.1: bytes=32 time=553ms TTL=56
Reply from 10.215.150.1: bytes=32 time=522ms TTL=56
Reply from 10.215.150.1: bytes=32 time=549ms TTL=56
Reply from 10.215.150.1: bytes=32 time=549ms TTL=56
Reply from 10.215.150.1: bytes=32 time=572ms TTL=56
Reply from 10.215.150.1: bytes=32 time=530ms TTL=56
Reply from 10.215.150.1: bytes=32 time=599ms TTL=56
```

```
Reply from 10.215.150.1: bytes=32 time=530ms TTL=56
Reply from 10.215.150.1: bytes=32 time=530ms TTL=56
Reply from 10.215.150.1: bytes=32 time=563ms TTL=56
Reply from 10.215.150.1: bytes=32 time=558ms TTL=56
Reply from 10.215.150.1: bytes=32 time=542ms TTL=56
Reply from 10.215.150.1: bytes=32 time=532ms TTL=56
Reply from 10.215.150.1: bytes=32 time=566ms TTL=56
```

Ping statistics for 10.215.150.1:

Packets: Sent = 15, Received = 15, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 522ms, Maximum = 599ms, Average = 548ms

Lista de sites acessados:

[www.globo.com](http://www.globo.com) – ok  
[www.yahoo.com](http://www.yahoo.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.gov.br](http://www.prodemge.gov.br) – ok

nome do responvavel : antonio agostinho magalhaes

telefone : ( 33 ) 35831122

cargo : diretor

MASP : 611168-6

tecnico : Eduardo Tadra

telefone : ( 11 ) 9 98331162