



# 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

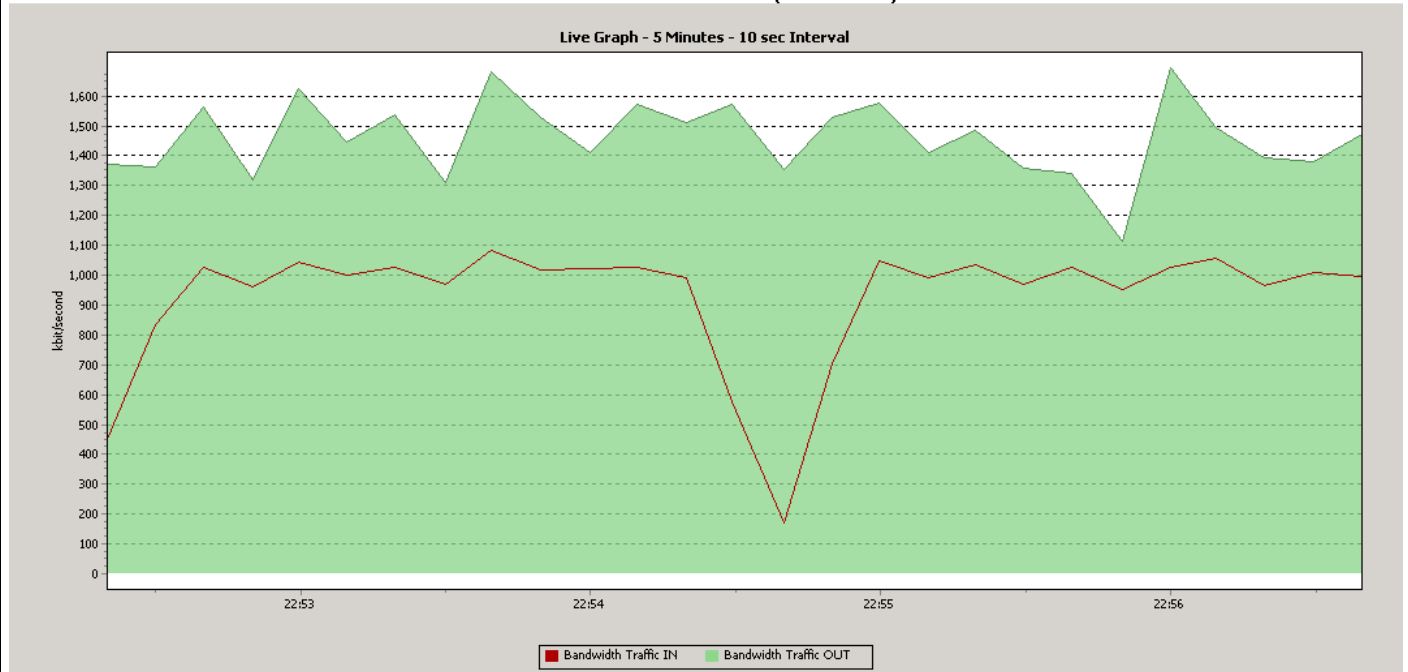
VSAT-ID  
SEE-BOAS-22103

Porta kbps  
2048/1024

Plataforma  
VSAT

Port eth0 on SEE-BOAS-22103 (10.212.156.1)

Live Graph - 5 Minutes - 10 sec Interval



PRTG Traffic Grapher V6.2.0.907 - 11/13/2017 10:57:17 PM

# 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 : 12.176455 GHz  
Symbol Rate : 4.882941 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           : 16.1 dB
Input Power   : -37 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 : -15.4 dBm
ODU Output Power : 33.1 dBm
EIRP          : 46.4 dBW
Es/No         : 9.0 dB
Header Compression : Disabled - HC for RCS2 not supported by HUB
Timing correction : -328 us (281500 us)
Frequency correction: -120 Hz
```

```
# device show
```

#### System Information:

```
Name          : SEE-BOAS-22103
Location       : BONITO DE MINAS - MG
Contact        :
System Up time : 0 days, 07:45:46
CPU Load       : 4%
System time(UTC) : 14 November 2017 06:45:51
Broadcast Message : not set
```

#### HW:

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

#### MAC addresses:

```
Ethernet (LAN) : 00:20:0e:10:4f:59
Satellite (DVB) : 00:20:0e:10:4f:59
```

```
# arp show
```

NetAddr	State	MacAddr	If
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```
C:\Documents and Settings\Administrator.DVB-RCS>ping -n 15 10.212.156.1
```

```
Pinging 10.212.156.1 with 32 bytes of data:
```

```
Reply from 10.212.156.1: bytes=32 time=555ms TTL=56
Reply from 10.212.156.1: bytes=32 time=563ms TTL=56
Reply from 10.212.156.1: bytes=32 time=578ms TTL=56
Reply from 10.212.156.1: bytes=32 time=542ms TTL=56
Reply from 10.212.156.1: bytes=32 time=590ms TTL=56
Reply from 10.212.156.1: bytes=32 time=544ms TTL=56
Reply from 10.212.156.1: bytes=32 time=794ms TTL=56
Reply from 10.212.156.1: bytes=32 time=551ms TTL=56
Reply from 10.212.156.1: bytes=32 time=547ms TTL=56
Reply from 10.212.156.1: bytes=32 time=575ms TTL=56
```

```
Reply from 10.212.156.1: bytes=32 time=566ms TTL=56
Reply from 10.212.156.1: bytes=32 time=783ms TTL=56
Reply from 10.212.156.1: bytes=32 time=551ms TTL=56
Reply from 10.212.156.1: bytes=32 time=558ms TTL=56
Reply from 10.212.156.1: bytes=32 time=705ms TTL=56
```

Ping statistics for 10.212.156.1:

Packets: Sent = 15, Received = 15, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 542ms, Maximum = 794ms, Average = 599ms

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

RESPONSAVEL:FRANK SINATRA R. VIANA

CARGO:ATB

MASP:666397-5

TEL:38 36256114

TECNICO : JEAN POLINI

TEL: 11 977012709