



# TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Hernan Alves

Operadora/Cliente: Robson Nikitim

GRE/Prodemge: João Antinossi

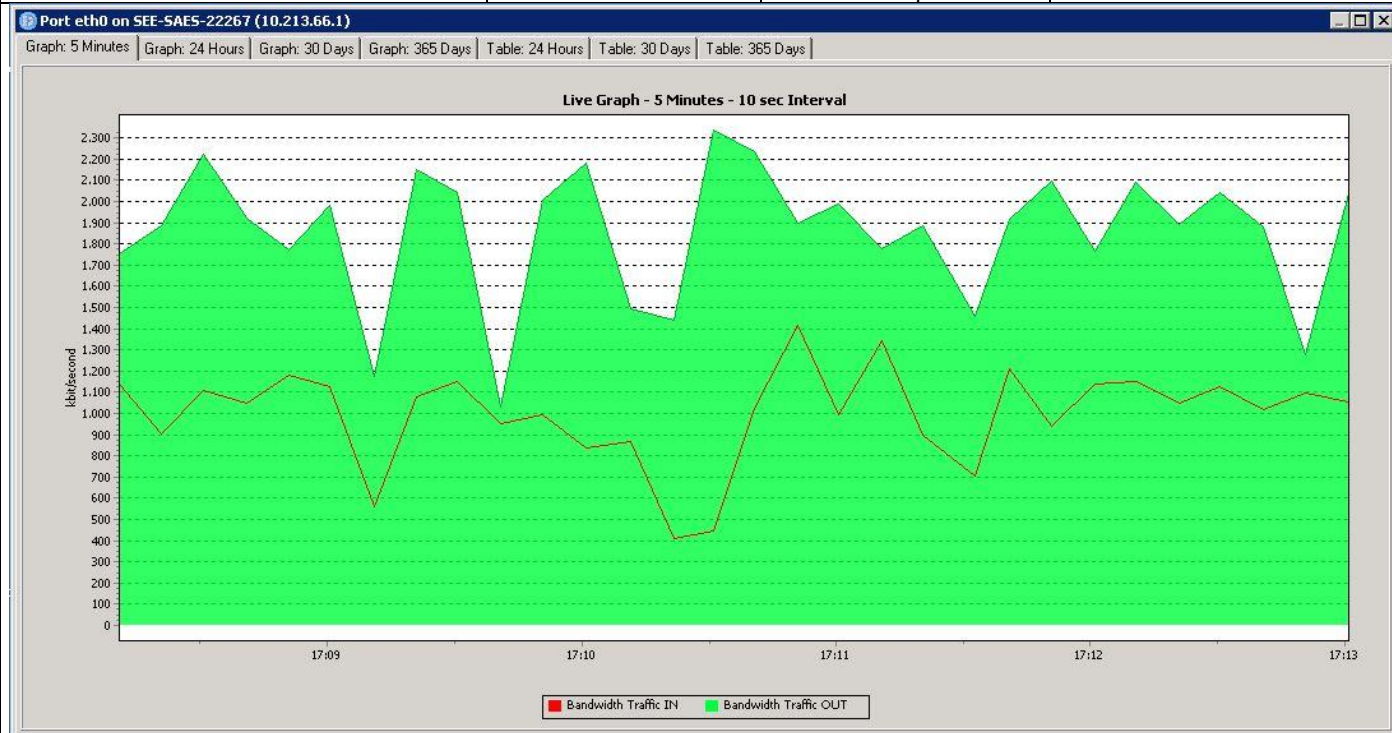
Responsável/cliente: Romaria Gonçalves de Souza

Consórcio  
EMC/Vodanet

VSAT-ID  
SEE-SAES-22267

Porta kbps  
2Mbps

Plataforma  
VSAT



## 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 : 12.176262 GHz  
Symbol Rate : 4.883000 Msps  
S2 ModCod  
- receiving : 19 16APSK-3/4  
- 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 : 14.3 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     : -15.0 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled - HC for RCS2 not supported by HUB
Timing correction    : -362 us (281229 us)
Frequency correction : 120 Hz
```

```
# device show
```

#### System Information:

```
Name           : SEE-SAES-22267
Location        : SÃO JOÃO DAS MISSÕES - MG
Contact         :
System Up time  : 0 days, 00:17:49
CPU Load        : 23%
System time(UTC): 27 October 2017 16:08:54
Broadcast Message : not set
```

#### HW:

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

#### MAC addresses:

```
Ethernet (LAN)   : 00:20:0e:10:4a:7c
Satellite (DVB) : 00:20:0e:10:4a:7c
```

```
# arp show
```

NetAddr	State	MacAddr	If
10.213.66.3	Dynamic	e4:be:ed:90:94:9a	1

```
Pinging 10.213.66.1 with 32 bytes of data:
```

```
Reply from 10.213.66.1: bytes=32 time=553ms TTL=56
Reply from 10.213.66.1: bytes=32 time=567ms TTL=56
Reply from 10.213.66.1: bytes=32 time=533ms TTL=56
Reply from 10.213.66.1: bytes=32 time=543ms TTL=56
Reply from 10.213.66.1: bytes=32 time=549ms TTL=56
Reply from 10.213.66.1: bytes=32 time=575ms TTL=56
Reply from 10.213.66.1: bytes=32 time=539ms TTL=56
Reply from 10.213.66.1: bytes=32 time=534ms TTL=56
Reply from 10.213.66.1: bytes=32 time=581ms TTL=56
Reply from 10.213.66.1: bytes=32 time=563ms TTL=56
```

```
Ping statistics for 10.213.66.1:
```

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

```
Approximate round trip times in milli-seconds:
```

Minimum = 533ms, Maximum = 581ms, Average = 553ms

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:

Nome: Romaria Gonçalves de Souza

Função: Professora

Masp: 1243567-1

Telefone: 38-99980-5952