



# TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Pedro Bernardes

Operadora/Cliente: Robson Nikitim

GRE/Prodemge: João Antinossi

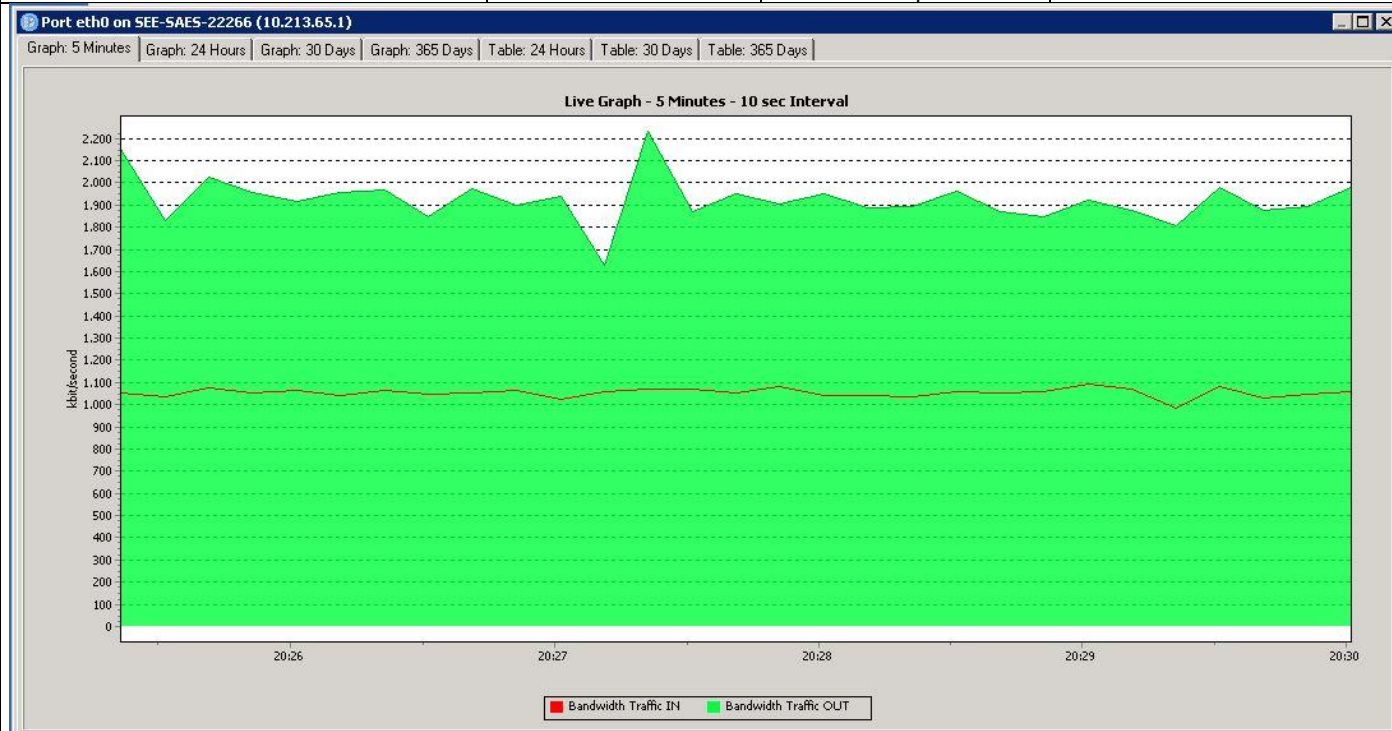
Responsável/cliente: Romaria Gonçalves de Souza

Consórcio  
EMC/Vodanet

VSAT-ID  
SEE-SAES-22266

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 : 12.176130 GHz  
Symbol Rate : 4.882924 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 : 14.7 dB  
Input Power : -30 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     : -22.2 dBm  
ODU Output Power     : 33.2 dBm  
EIRP                 : 46.5 dBW  
Es/No                : 13.5 dB  
Header Compression   : Disabled - HC for RCS2 not supported by HUB  
Timing correction    : -260 us (281224 us)  
Frequency correction : 120 Hz
```

```
# device show
```

#### System Information:

```
Name           : SEE-SAES-22266  
Location        : SÃO JOÃO DAS MISSÕES - MG  
Contact         :  
System Up time  : 0 days, 00:11:58  
CPU Load        : 12%  
System time(UTC): 27 October 2017 19:36:02  
Broadcast Message : not set
```

#### HW:

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

#### MAC addresses:

```
Ethernet (LAN)   : 00:20:0e:10:5f:f3  
Satellite (DVB) : 00:20:0e:10:5f:f3
```

```
# arp show
```

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

```
Pinging 10.213.65.1 with 32 bytes of data:
```

```
Reply from 10.213.65.1: bytes=32 time=533ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=534ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=535ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=779ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=558ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=542ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=547ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=556ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=581ms TTL=56  
Reply from 10.213.65.1: bytes=32 time=586ms TTL=56
```

```
Ping statistics for 10.213.65.1:
```

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

Approximate round trip times in milli-seconds:

Minimum = 533ms, Maximum = 779ms, Average = 575ms

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

Telefone: 38-99980-5952

Função: Professor

Masp: 1243567-1

Funcionamento: 07:30 às 16:00h