



# TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Guilherme Santos

Operadora/Cliente: Gustavo Oliveira

GRE/Prodemge: João Antinossi

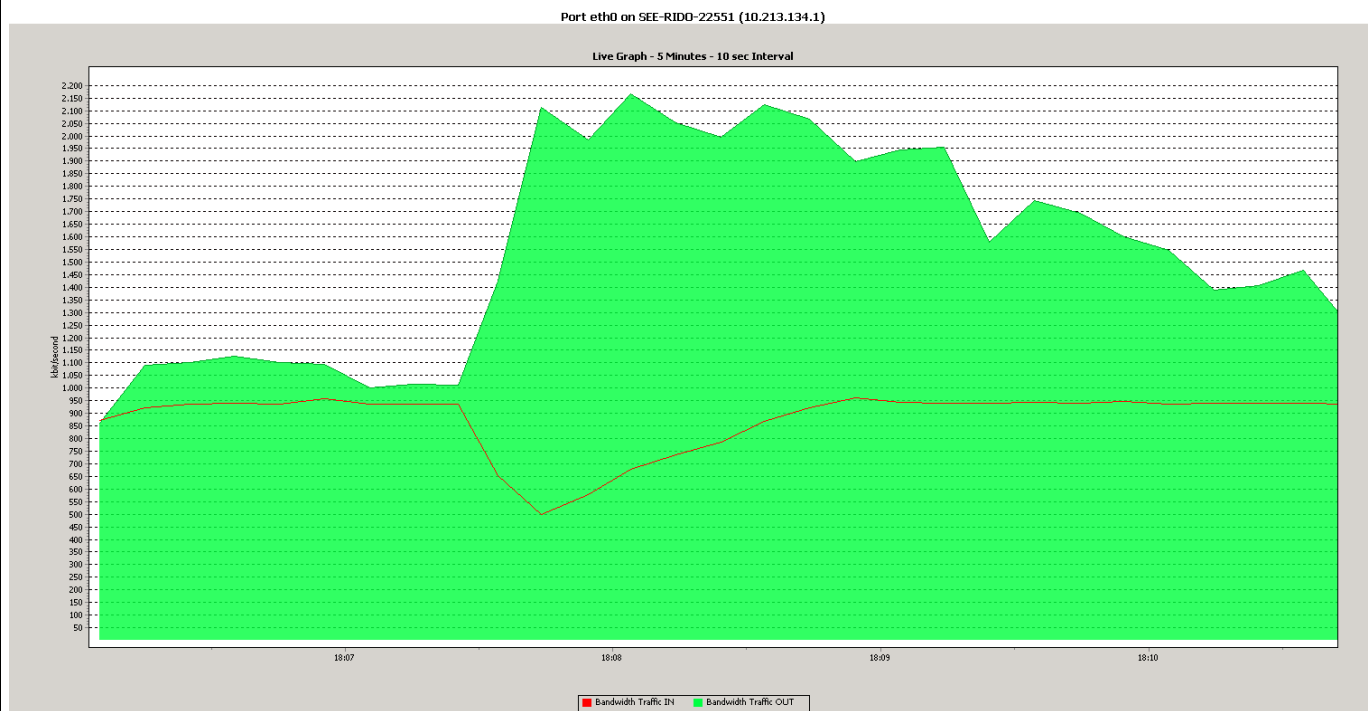
Responsável/cliente: Laercio Martins Silva

Consórcio  
EMC/Vodanet

VSAT-ID  
SEE-RIDO-22551

Porta kbps  
2048/1024

Plataforma  
VSAT



# 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 : 4.882861 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               : 14.5 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   : -17.8 dBm
ODU Output Power   : 33.4 dBm
EIRP              : 46.7 dBW
Es/No             : 8.5 dB
Header Compression : Disabled - HC for RCS2 not supported by HUB
Timing correction  : -225 us (281013 us)
Frequency correction: 90 Hz
```

```
# device show
```

#### System Information:

```
Name           : SEE-RIDO-22551
Location        : RIACHO DE MACHADO - MG
Contact         :
System Up time   : 0 days, 05:46:07
CPU Load        : 15%
System time(UTC) : 16 November 2017 20:11:55
Broadcast Message : not set
```

#### HW:

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

#### MAC addresses:

```
Ethernet (LAN)   : 00:20:0e:10:63:a6
Satellite (DVB)  : 00:20:0e:10:63:a6
```

```
# arp show
```

```
#      NetAddr      State      MacAddr      If
```

Pinging 10.213.134.1 with 32 bytes of data:

```
Reply from 10.213.134.1: bytes=32 time=609ms TTL=56
Reply from 10.213.134.1: bytes=32 time=587ms TTL=56
Reply from 10.213.134.1: bytes=32 time=589ms TTL=56
Reply from 10.213.134.1: bytes=32 time=591ms TTL=56
Reply from 10.213.134.1: bytes=32 time=570ms TTL=56
```

Reply from 10.213.134.1: bytes=32 time=570ms TTL=56  
Reply from 10.213.134.1: bytes=32 time=572ms TTL=56  
Reply from 10.213.134.1: bytes=32 time=565ms TTL=56  
Reply from 10.213.134.1: bytes=32 time=576ms TTL=56  
Reply from 10.213.134.1: bytes=32 time=568ms TTL=56

Ping statistics for 10.213.134.1:

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

Approximate round trip times in milli-seconds:

Minimum = 565ms, Maximum = 609ms, Average = 579ms

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 responsável: Laercio Martins Silva

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Cargo: Diretora

Expediente 06:00 as 22:00