



TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Leonardo Oliveira

GRE/Prodemge: Douglas Alvares

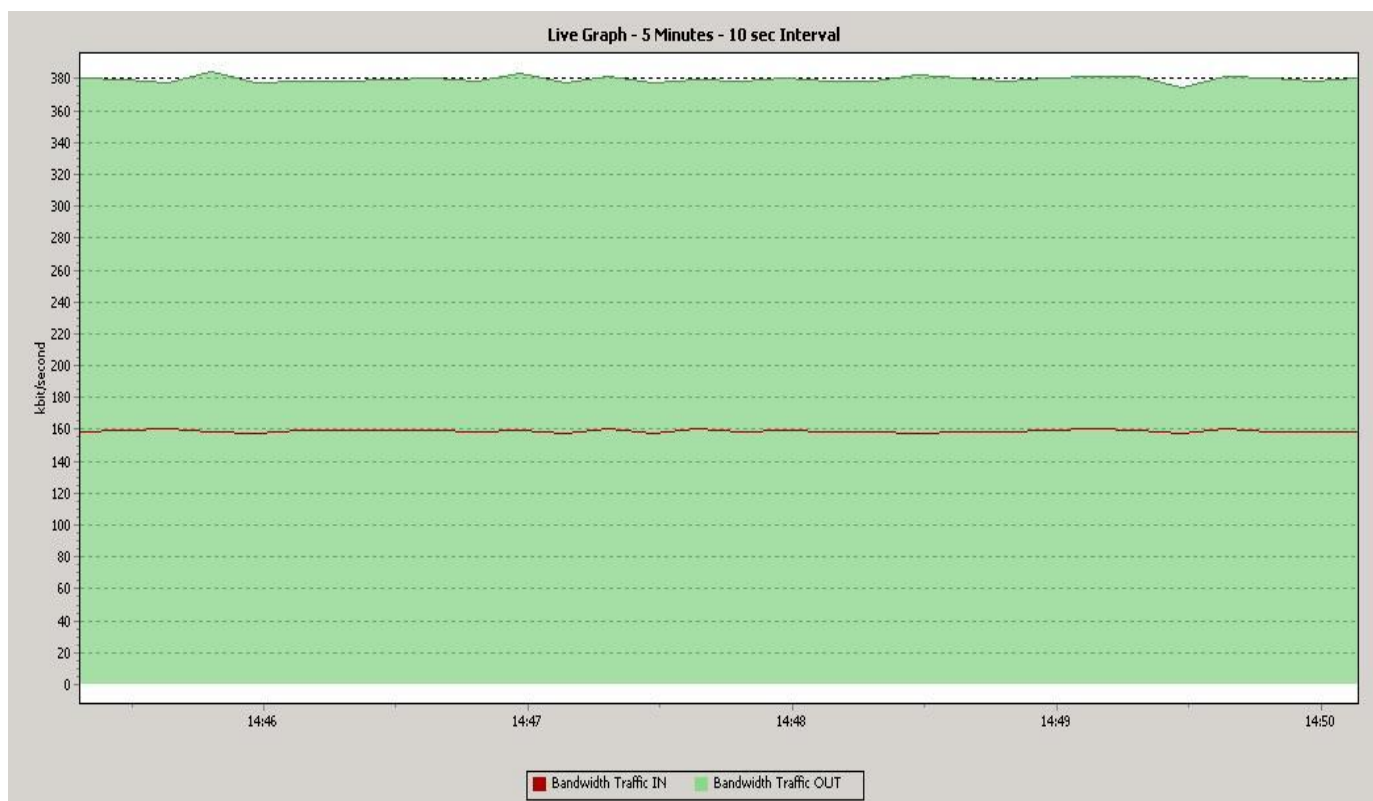
Responsável/cliente: Catia Roqsana

Consórcio
STM/Vodanet

VSAT-ID
SES-FRSA-4529

Porta kbps
384/153

Plataforma
VSAT



Satellite (DVB) RX Configuration

Auto start : Enabled
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	45.000000	11.606250	DVB-S2	2	Yes
1	1	0.000000	0.000000	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606272 GHz
Symbol Rate : 44.999944 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 10 QPSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 8.6 dB
Input Power : -29 dBm

Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU Output Power     : -11 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power     : 28.5 dBm  
EIRP                 : 42.0 dBW  
Default CW Frequency: 0.000000 GHz  
ATM mode             : VC-Mux  
Header Compression   : UDP/IP/DSM-CC
```

Satellite (DVB) Transmitter Status

```
-----  
State                : On (TDMA)  
IDU Output Power     : -23.6 dBm  
ODU Output Power     : 28.7 dBm  
EIRP                 : 42.2 dBW  
Es/No                : 6.5 dB  
Header Compression   : DSM-CC  
Timing correction    : -27 us (251142 us)  
Frequency correction: -10 Hz
```

IP DVB: 10.148.3.201 /32

C:\>ping -n 10 10.172.206.1

Pinging 10.172.206.1 with 32 bytes of data:

```
Reply from 10.172.206.1: bytes=32 time=554ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=683ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=601ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=524ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=637ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=556ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=669ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=593ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=517ms TTL=62  
Reply from 10.172.206.1: bytes=32 time=625ms TTL=62
```

Ping statistics for 10.172.206.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
    Approximate round trip times in milli-seconds:  
        Minimum = 517ms, Maximum = 683ms, Average = 595ms
```