



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho

Operadora/Cliente: Fábio Fernandes

GRE/Prodemge: Aguinaldo de Matos

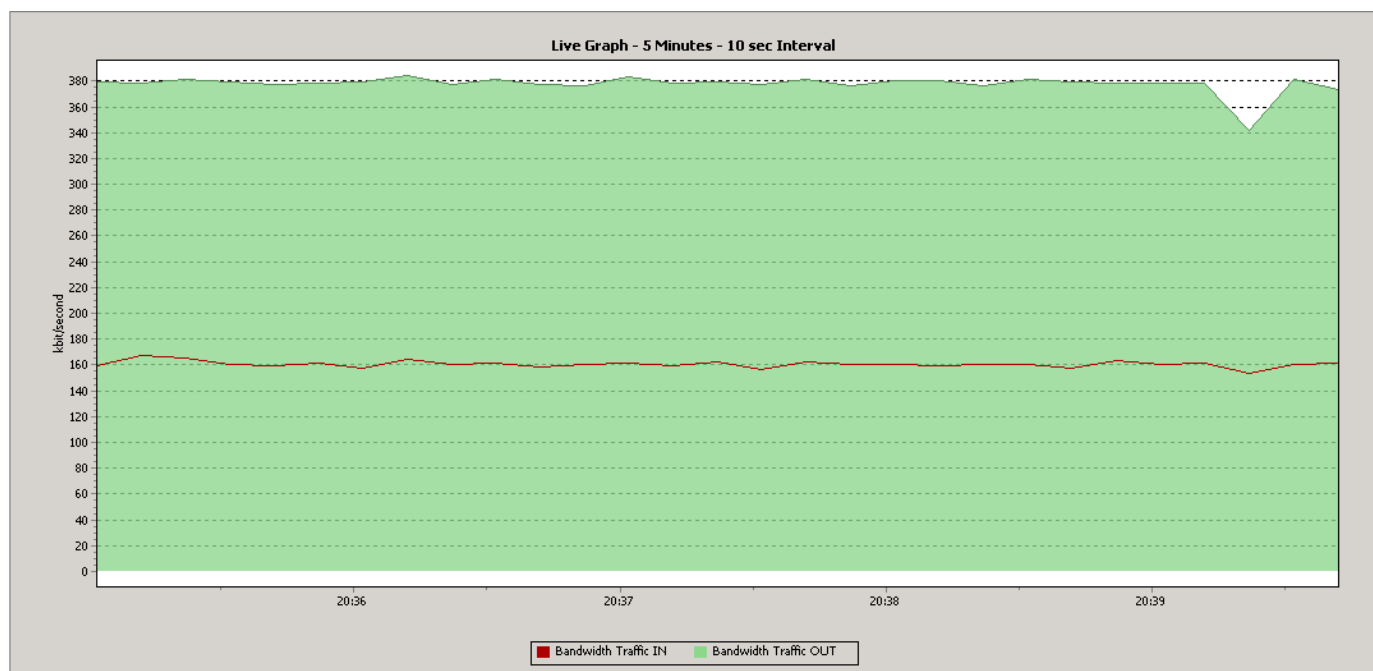
Responsável/cliente: Rafaela Ferreira

Consórcio
STM/Vodanet

VSAT-ID
SES-PETO-5807

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	3	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606365 GHz
Symbol Rate : 44.999834 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 14 8PSK-3/4
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 11.7 dB
Input Power : -25 dBm

Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU Output Power     : -30 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power     : max  
EIRP                 : max  
Default CW Frequency: 0.000000 GHz  
ATM mode             : VC-Mux  
Header Compression   : UDP/IP/DSM-CC
```

Satellite (DVB) Transmitter Status

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-----  
State                : On (TDMA)  
IDU Output Power     : -16.7 dBm  
ODU Output Power     : 33.6 dBm  
EIRP                 : 46.9 dBW  
Es/No                : 11.5 dB  
Header Compression   : DSM-CC  
Timing correction    : 14 us (251235 us)  
Frequency correction: -140 Hz
```

IP DVB: 10.148.7.36/32

Pinging 10.175.200.1 with 32 bytes of data:

```
Reply from 10.175.200.1: bytes=32 time=537ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=635ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=637ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=552ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=564ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=566ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=578ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=579ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=592ms TTL=62  
Reply from 10.175.200.1: bytes=32 time=563ms TTL=62
```

Ping statistics for 10.175.200.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 537ms, Maximum = 637ms, Average = 580ms
```