



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Valter de Souza

GRE/Prodemge: Douglas Alvares

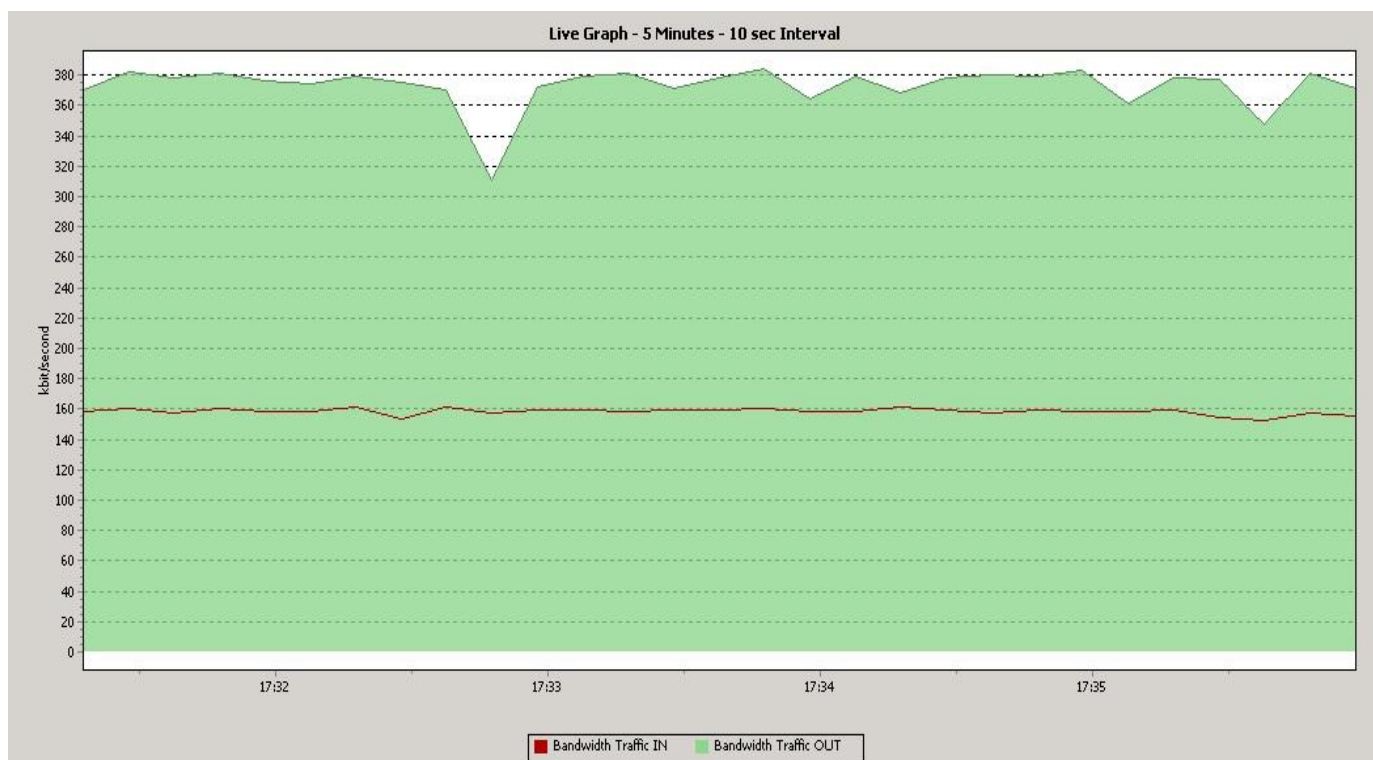
Responsável/cliente: Camila Rodrigues

Consórcio
STM/Vodanet

VSAT-ID
SES-TURA-4371

Porta kbps
384/153

Plataforma
VSAT



Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	13.333000	11.588250	DVB-S2	2	Yes
1	1	0.000000	0.000000	DVB-S2	2	No

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.588376 GHz
Symbol Rate : 13.333105 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 14 8PSK-3/4
Pilot : On
Frame length : Short frame
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 11.3 dB
Input Power : -37 dBm

Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU output power     : -22 dBm  
IDU max output power: 0.0 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     : -21.0 dBm  
ODU Output Power     : 28.3 dBm  
EIRP                 : 41.6 dBW  
Es/No                : 8.5 dB  
Header Compression   : DSM-CC  
Timing correction    : -6 us (262494 us)  
Frequency correction: 80 Hz
```

IP DVB: 10.148.3.99/32

C:\>ping -n 10 10.172.61.1

Pinging 10.172.61.1 with 32 bytes of data:

```
Reply from 10.172.61.1: bytes=32 time=616ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=543ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=656ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=575ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=687ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=611ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=534ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=642ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=566ms TTL=62  
Reply from 10.172.61.1: bytes=32 time=674ms TTL=62
```

Ping statistics for 10.172.61.1:

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

Approximate round trip times in milli-seconds:

Minimum = 534ms, Maximum = 687ms, Average = 610ms