



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Ed Carlos

GRE/Prodemge: Douglas Alvares

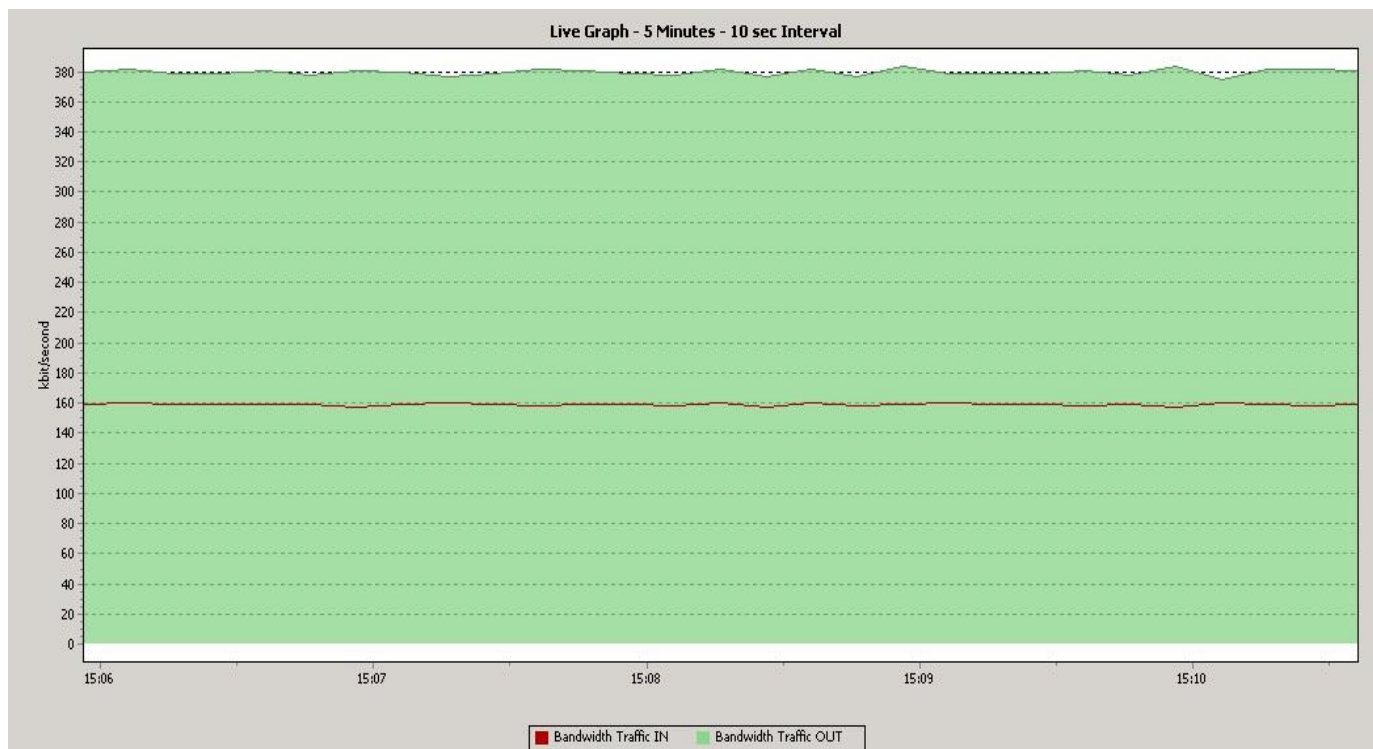
Responsável/cliente: Valquiria Leonel

Consórcio
STM/Vodanet

VSAT-ID
SES-ITGI-4281

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[Mbps]	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 : 11.588373 GHz
Symbol Rate : 13.332906 Mbps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short frame
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 13.0 dB
Input Power : -28 dBm

Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU output power     : -19 dBm  
IDU max output power: 0.0 dBm  
EIRP                 : 46.5 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     : -17.5 dBm  
ODU Output Power     : 33.1 dBm  
EIRP                 : 46.4 dBW  
Es/No                : 13.0 dB  
Header Compression   : DSM-CC  
Timing correction    : -78 us (262405 us)  
Frequency correction: 40 Hz
```

IP DVB: 10.148.2.254/32

C:\>ping -n 10 10.147.238.1

Pinging 10.147.238.1 with 32 bytes of data:

```
Reply from 10.147.238.1: bytes=32 time=547ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=558ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=592ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=604ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=547ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=623ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=546ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=570ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=545ms TTL=62  
Reply from 10.147.238.1: bytes=32 time=598ms TTL=62
```

Ping statistics for 10.147.238.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 545ms, Maximum = 623ms, Average = 573ms
```