



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Rodrigo Carlos

GRE/Prodemge: Márlu da Silva Santos

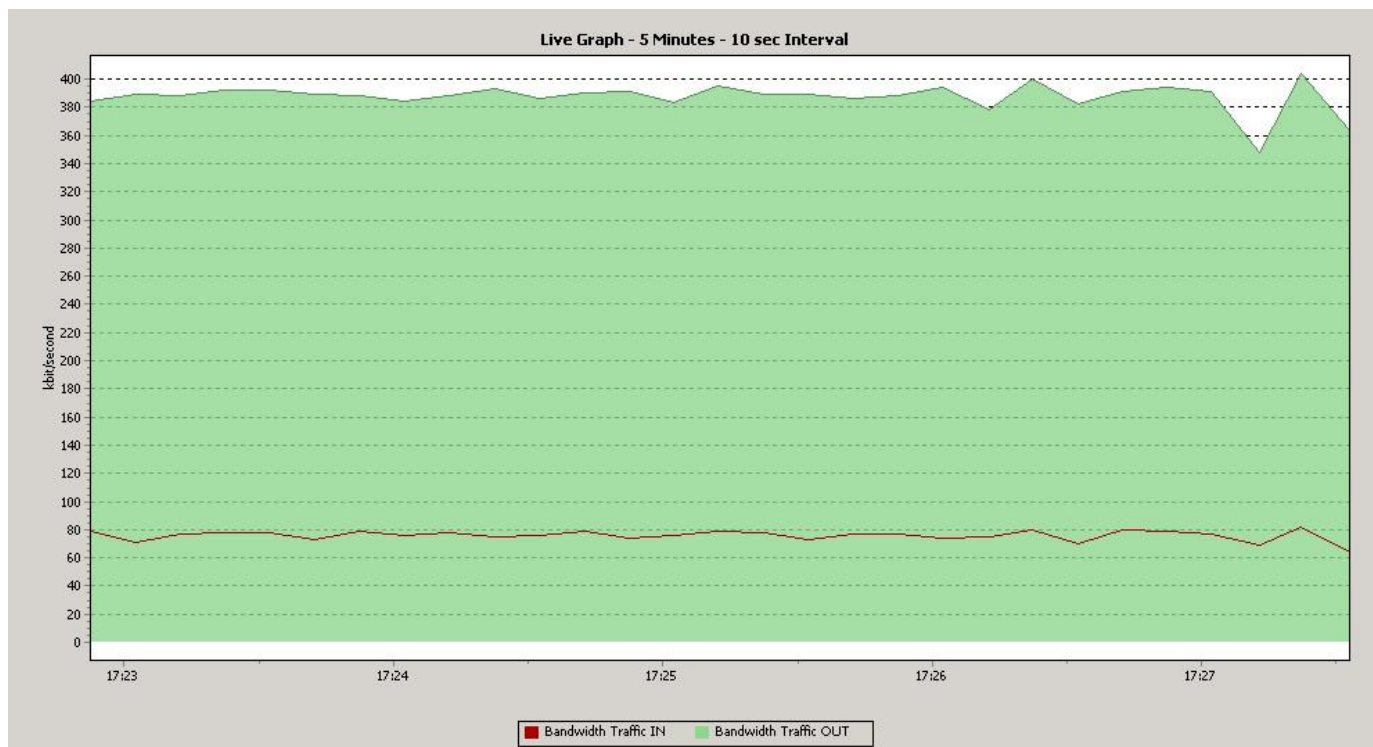
Responsável/cliente: Yaninnie de Oliveira

Consórcio
STM/Vodanet

VSAT-ID
SES-BANA-3631

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	13.333000	11.588250	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.588587 GHz
Symbol Rate : 13.332825 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 12.6 dB
Input Power : -35 dBm

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 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     : -11.9 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -68 us (260986 us)
Frequency correction : -70 Hz
#
```

```
IP DVB 10.148.1.99/32
```

```
Pinging 10.145.231.1 with 32 bytes of data:
```

```
Reply from 10.145.231.1: bytes=32 time=546ms TTL=62
Reply from 10.145.231.1: bytes=32 time=599ms TTL=62
Reply from 10.145.231.1: bytes=32 time=539ms TTL=62
Reply from 10.145.231.1: bytes=32 time=542ms TTL=62
Reply from 10.145.231.1: bytes=32 time=566ms TTL=62
Reply from 10.145.231.1: bytes=32 time=573ms TTL=62
Reply from 10.145.231.1: bytes=32 time=593ms TTL=62
Reply from 10.145.231.1: bytes=32 time=601ms TTL=62
Reply from 10.145.231.1: bytes=32 time=552ms TTL=62
Reply from 10.145.231.1: bytes=32 time=539ms TTL=62
```

```
Ping statistics for 10.145.231.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 601ms, Average = 565ms
```