



TERMO DE ACEITE TÉCNICO

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

Data: 11/05/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Welligton Ferreira

GRE/Prodemge: Rafael Alves Ferreira

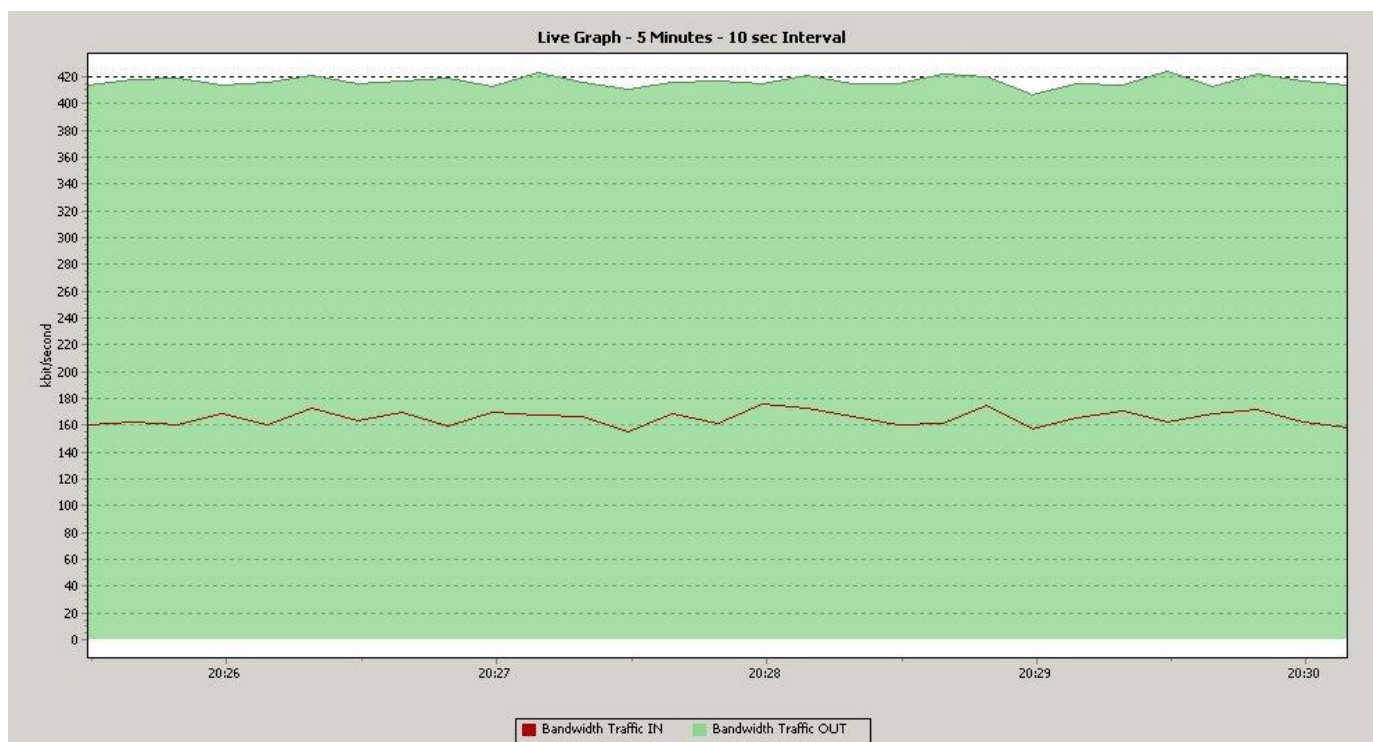
Responsável/cliente: Dalila Silva Santos

Consórcio
STM/Vodanet

VSAT-ID
SES-CAIS-3385

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	7.120000	11.583700	DVB-S2	2	Yes

```
Satellite (DVB) Receiver Status
-----
```

```
Rx State           : On
DVB State           : Forward link up
Network             : 65281, Prodemge@Vodanet
Frequency            : 11.584337 GHz
Symbol Rate         : 7.120052 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                  : 15.8 dB
Input Power         : -37 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -14 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 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     : -12.3 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 15.0 dB
Header Compression   : DSM-CC
Timing correction    : -194 us (273624 us)
Frequency correction : 30 Hz
#
```

```
IP DVB 10.148.0.210/32
```

```
Pinging 10.145.86.1 with 32 bytes of data:
```

```
Reply from 10.145.86.1: bytes=32 time=540ms TTL=62
Reply from 10.145.86.1: bytes=32 time=559ms TTL=62
Reply from 10.145.86.1: bytes=32 time=560ms TTL=62
Reply from 10.145.86.1: bytes=32 time=571ms TTL=62
Reply from 10.145.86.1: bytes=32 time=571ms TTL=62
Reply from 10.145.86.1: bytes=32 time=582ms TTL=62
Reply from 10.145.86.1: bytes=32 time=593ms TTL=62
Reply from 10.145.86.1: bytes=32 time=604ms TTL=62
Reply from 10.145.86.1: bytes=32 time=624ms TTL=62
Reply from 10.145.86.1: bytes=32 time=546ms TTL=62
```

```
Ping statistics for 10.145.86.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 540ms, Maximum = 624ms, Average = 575ms
```