



TERMO DE ACEITE TÉCNICO

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

Data: 21/03/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marcos Paulo Sousa Ferreira

GRE/Prodemge: Bruno Hauck

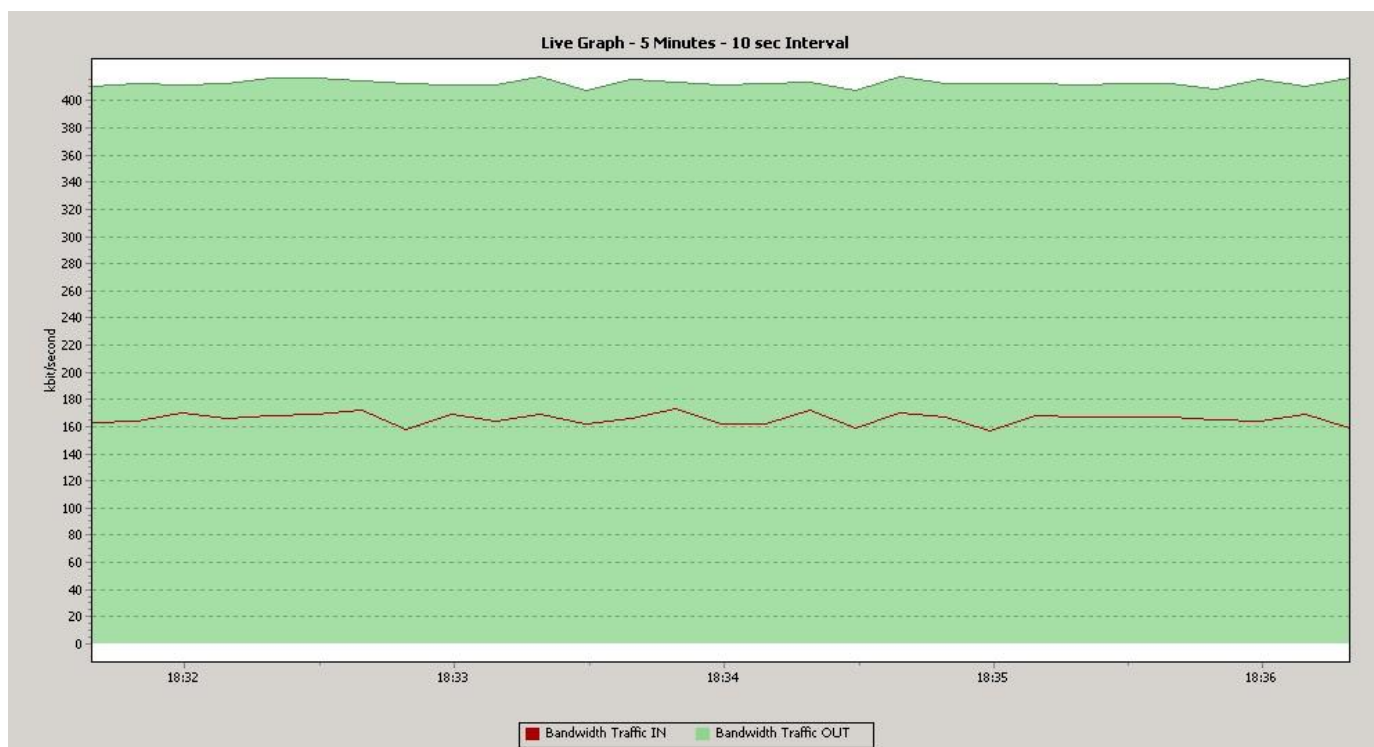
Responsável/cliente: Cristina Aparecida Caldeira

Consórcio
STM/Vodanet

VSAT-ID
SES-BRAS-0667

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[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	7.120000	11.583700	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          : 11.583840 GHz
Symbol Rate       : 7.119987 Mbps
S2 ModCod
- receiving        : 4   QPSK-1/2
- current max      : 9   QPSK-5/6
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 7.8 dB
Input Power        : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -19 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     : -13.4 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 9.0 dB
Header Compression   : DSM-CC
Timing correction    : -326 us (270865 us)
Frequency correction : 80 Hz
#
```

IP DVB 10.148.0.142

Pinging 10.144.22.1 with 32 bytes of data:

```
Reply from 10.144.22.1: bytes=32 time=575ms TTL=62
Reply from 10.144.22.1: bytes=32 time=585ms TTL=62
Reply from 10.144.22.1: bytes=32 time=607ms TTL=62
Reply from 10.144.22.1: bytes=32 time=530ms TTL=62
Reply from 10.144.22.1: bytes=32 time=540ms TTL=62
Reply from 10.144.22.1: bytes=32 time=560ms TTL=62
Reply from 10.144.22.1: bytes=32 time=540ms TTL=62
Reply from 10.144.22.1: bytes=32 time=591ms TTL=62
Reply from 10.144.22.1: bytes=32 time=602ms TTL=62
Reply from 10.144.22.1: bytes=32 time=554ms TTL=62
```

```
Ping statistics for 10.144.22.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 607ms, Average = 568ms
```