



TERMO DE ACEITE TÉCNICO

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

Data: 24/04/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Fabrício Campolina

GRE/Prodemge: Rafael Alves Ferreira

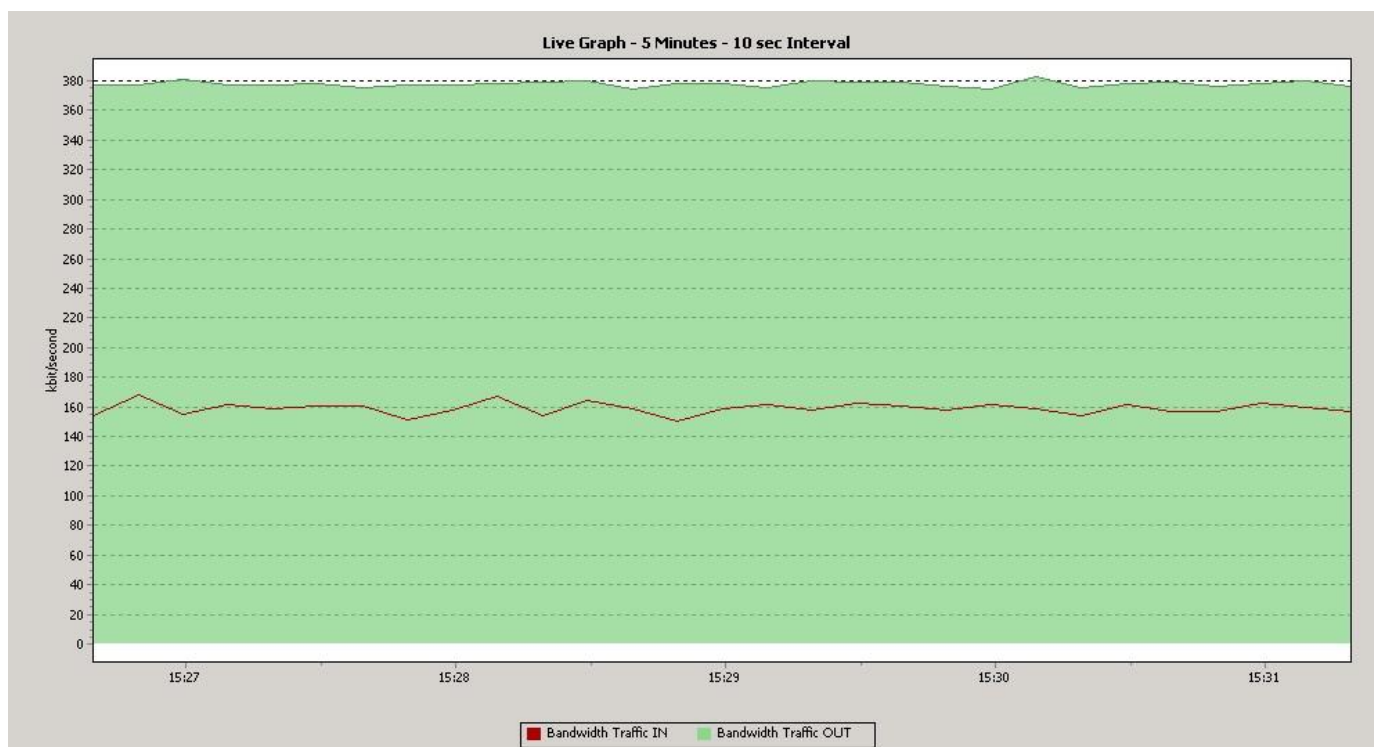
Responsável/cliente: Daniela Cristine

Consórcio
STM/Vodanet

VSAT-ID
SES-SAIA-3247

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          : 11.583630 GHz
Symbol Rate        : 7.120012 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                : 14.9 dB
Input Power        : -26 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -19 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 48.5 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     : -13.7 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Es/No                : 13.5 dB
Header Compression   : DSM-CC
Timing correction    : -444 us (271526 us)
Frequency correction : -150 Hz
#
```

```
IP DVB 10.148.0.191/32
```

```
Pinging 10.145.26.1 with 32 bytes of data:
```

```
Reply from 10.145.26.1: bytes=32 time=581ms TTL=62
Reply from 10.145.26.1: bytes=32 time=633ms TTL=62
Reply from 10.145.26.1: bytes=32 time=557ms TTL=62
Reply from 10.145.26.1: bytes=32 time=601ms TTL=62
Reply from 10.145.26.1: bytes=32 time=588ms TTL=62
Reply from 10.145.26.1: bytes=32 time=599ms TTL=62
Reply from 10.145.26.1: bytes=32 time=620ms TTL=62
Reply from 10.145.26.1: bytes=32 time=543ms TTL=62
Reply from 10.145.26.1: bytes=32 time=554ms TTL=62
Reply from 10.145.26.1: bytes=32 time=575ms TTL=62
```

```
Ping statistics for 10.145.26.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 543ms, Maximum = 633ms, Average = 585ms
```