



TERMO DE ACEITE TÉCNICO

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

Data: 18/04/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Fabrício Campolina

GRE/Prodemge: Bruno Hauck

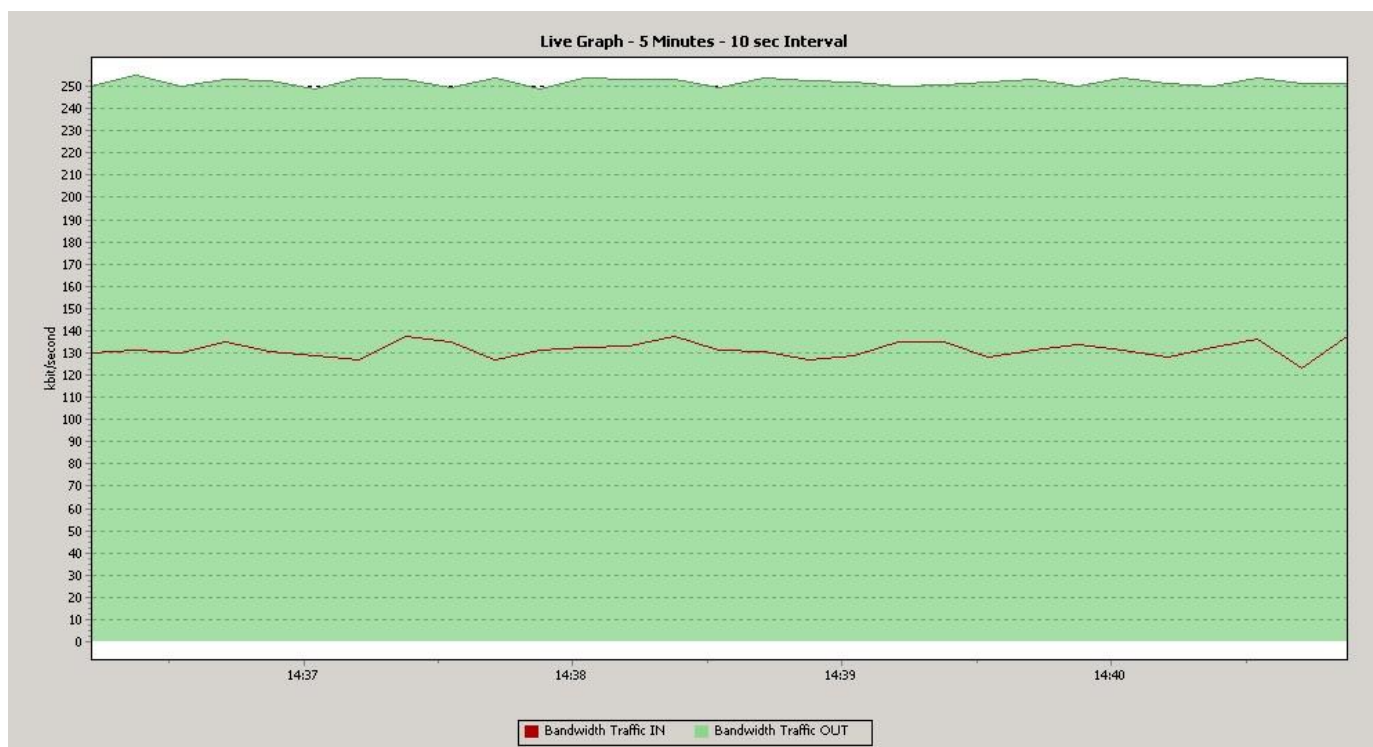
Responsável/cliente: Maria Antônia

Consórcio
STM/Vodanet

VSAT-ID
SES-SAIA-3240

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

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

```
Rx State           : On
DVB State           : Forward link up
Network             : 65281, Prodemge@Vodanet
Frequency            : 11.583585 GHz
Symbol Rate         : 7.119837 Msps
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                  : 15.3 dB
Input Power          : -26 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -22 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
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     : -17.7 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -443 us (271505 us)
Frequency correction : -110 Hz

IP DVB 10.148.0.178/32

Pinging 10.145.19.1 with 32 bytes of data:

Reply from 10.145.19.1: bytes=32 time=544ms TTL=62
Reply from 10.145.19.1: bytes=32 time=555ms TTL=62
Reply from 10.145.19.1: bytes=32 time=576ms TTL=62
Reply from 10.145.19.1: bytes=32 time=586ms TTL=62
Reply from 10.145.19.1: bytes=32 time=607ms TTL=62
Reply from 10.145.19.1: bytes=32 time=618ms TTL=62
Reply from 10.145.19.1: bytes=32 time=540ms TTL=62
Reply from 10.145.19.1: bytes=32 time=560ms TTL=62
Reply from 10.145.19.1: bytes=32 time=571ms TTL=62
Reply from 10.145.19.1: bytes=32 time=591ms TTL=62

Ping statistics for 10.145.19.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 540ms, Maximum = 618ms, Average = 574ms
```