



TERMO DE ACEITE TÉCNICO

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

Data: 04/04/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Rafael Alves Ferreira

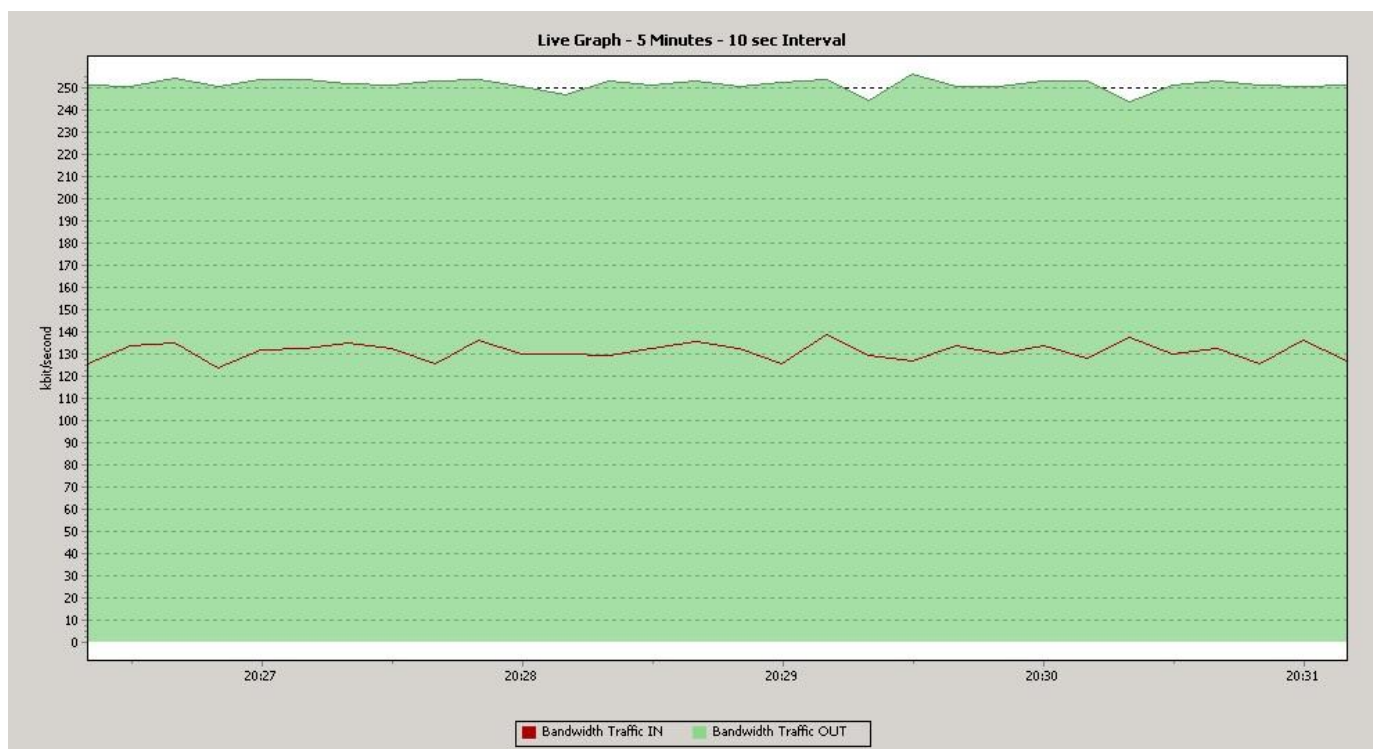
Responsável/cliente: Aparecida Márcia de Castro

Consórcio
STM/Vodanet

VSAT-ID
SES-CLIO-0951

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          : 11.583768 GHz
Symbol Rate       : 7.119942 Mbps
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        : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 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     : -19.5 dBm
ODU Output Power     : 30.7 dBm
EIRP                 : 44.0 dBW
Es/No                : 9.0 dB
Header Compression   : DSM-CC
Timing correction    : -275 us (272040 us)
Frequency correction : 190 Hz
#
```

```
IP DVB 10.148.0.162/32
```

```
Pinging 10.145.4.1 with 32 bytes of data:
```

```
Reply from 10.145.4.1: bytes=32 time=677ms TTL=62
Reply from 10.145.4.1: bytes=32 time=591ms TTL=62
Reply from 10.145.4.1: bytes=32 time=699ms TTL=62
Reply from 10.145.4.1: bytes=32 time=622ms TTL=62
Reply from 10.145.4.1: bytes=32 time=544ms TTL=62
Reply from 10.145.4.1: bytes=32 time=652ms TTL=62
Reply from 10.145.4.1: bytes=32 time=575ms TTL=62
Reply from 10.145.4.1: bytes=32 time=683ms TTL=62
Reply from 10.145.4.1: bytes=32 time=607ms TTL=62
Reply from 10.145.4.1: bytes=32 time=714ms TTL=62
```

```
Ping statistics for 10.145.4.1:
```

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 544ms, Maximum = 714ms, Average = 636ms
```