



TERMO DE ACEITE TÉCNICO

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

Data: 19/03/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Leonardo Batista

GRE/Prodemge: Bruno Hauck

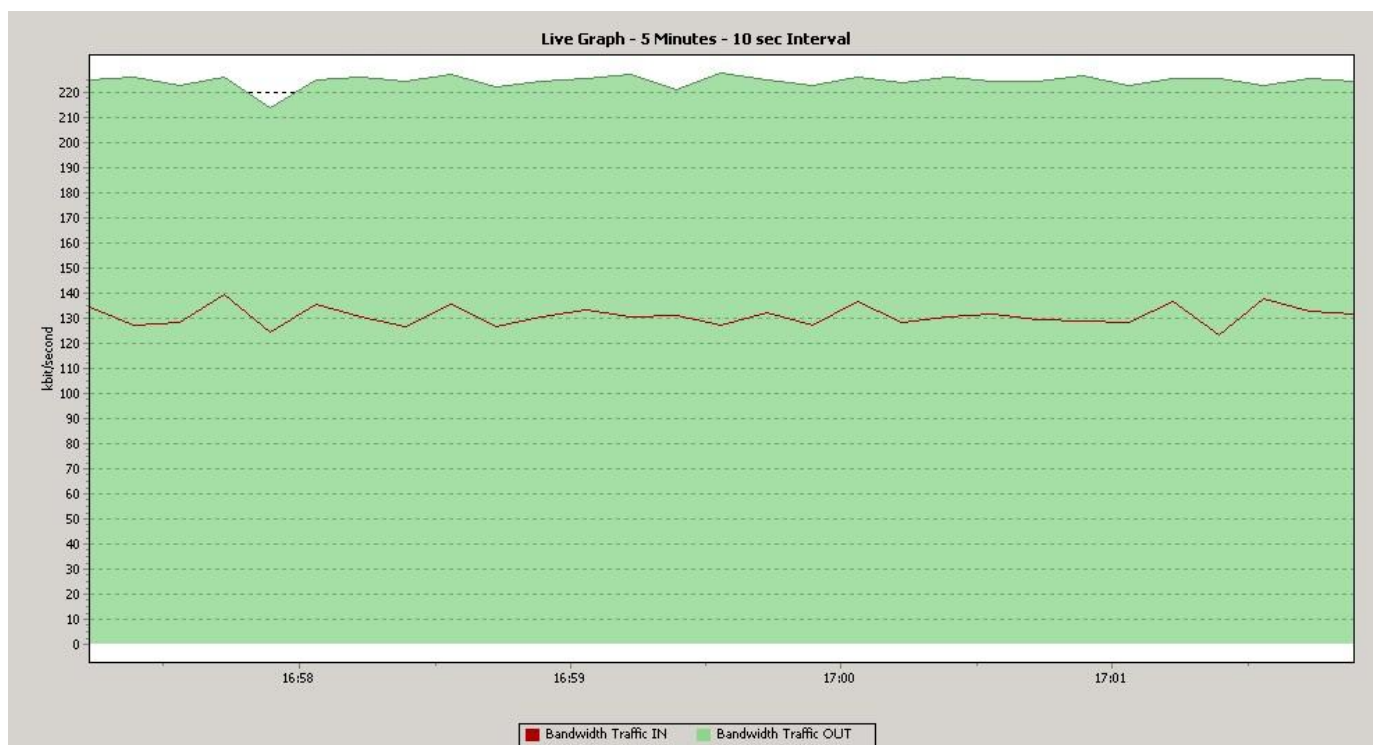
Responsável/cliente: Eliane Vicari

Consórcio
STM/Vodanet

VSAT-ID
SES-ACCA-0930

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           : 11.584091 GHz
Symbol Rate        : 7.120037 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                  : 14.3 dB
Input Power         : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -30 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     : -12.8 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -365 us (271351 us)
Frequency correction : -40 Hz
#
```

IP DVB 10.148.0.136/32

Pinging 10.144.241.1 with 32 bytes of data:

```
Reply from 10.144.241.1: bytes=32 time=570ms TTL=62
Reply from 10.144.241.1: bytes=32 time=627ms TTL=62
Reply from 10.144.241.1: bytes=32 time=547ms TTL=62
Reply from 10.144.241.1: bytes=32 time=592ms TTL=62
Reply from 10.144.241.1: bytes=32 time=579ms TTL=62
Reply from 10.144.241.1: bytes=32 time=589ms TTL=62
Reply from 10.144.241.1: bytes=32 time=610ms TTL=62
Reply from 10.144.241.1: bytes=32 time=621ms TTL=62
Reply from 10.144.241.1: bytes=32 time=544ms TTL=62
Reply from 10.144.241.1: bytes=32 time=565ms TTL=62
```

```
Ping statistics for 10.144.241.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 544ms, Maximum = 627ms, Average = 584ms
```