



TERMO DE ACEITE TÉCNICO

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

Data: 26/04/2012

NOC/Operadora: Jefferson Souza Marques

Operadora/Cliente: Leonardo Batista de Araujo Silva

GRE/Prodemge: Rafael Alves Ferreira

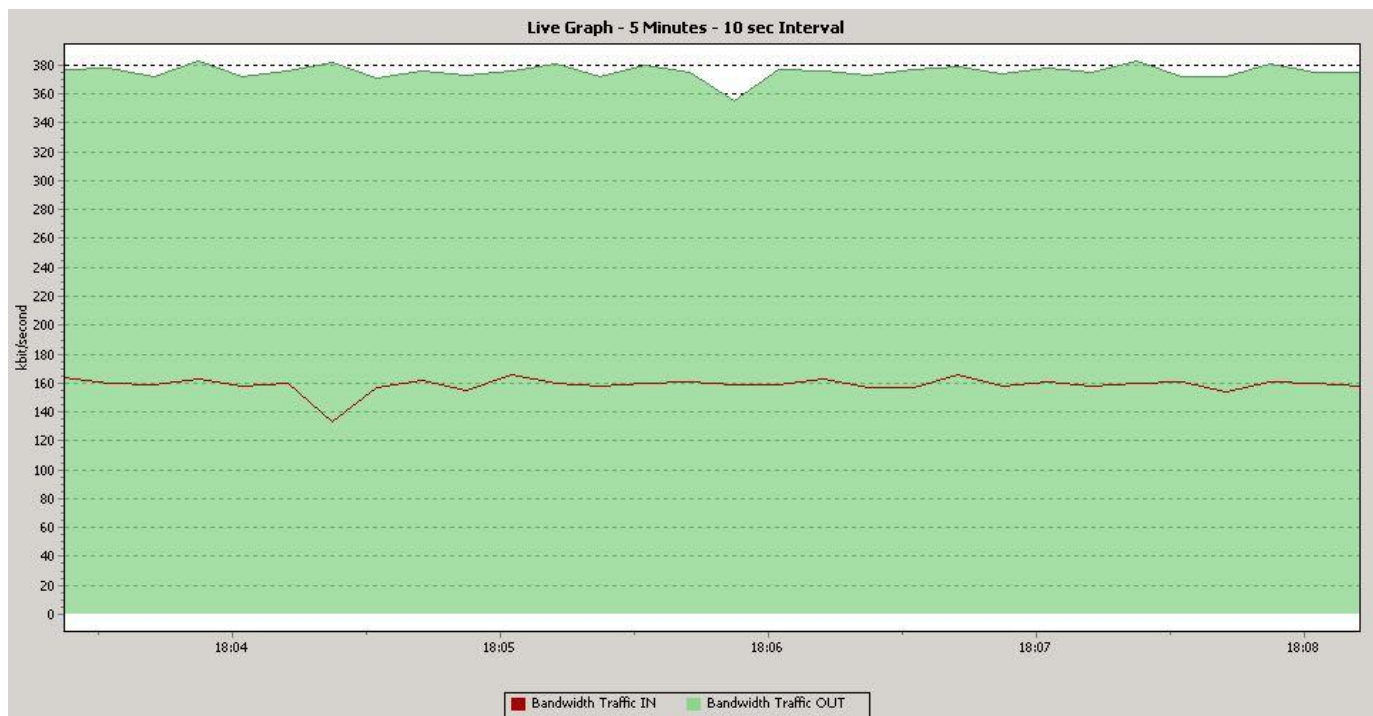
Responsável/cliente: Érica Oliveira Lima

Consórcio
STM/Vodanet

VSAT-ID
SES-SAIA-3254

Porta kbps
384/153

Plataforma
VSAT



```
#
Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max MODCOD           : 15    8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency          : On
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             : 11.583918 GHz
Symbol Rate          : 7.119878 Msp/s
S2 ModCod
- receiving          : 4    QPSK-1/2
- current max        : 21   16APSK-5/6
Pilot                 : On
Frame length          : Short frame
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 14.0 dB
Input Power           : -36 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -18 dBm
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     : -10.5 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Eb/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -372 us (271526 us)
Frequency correction: 10 Hz

IP DVB 10.148.0.184/32

Pinging 10.145.33.1 with 32 bytes of data:

Reply from 10.145.33.1: bytes=32 time=696ms TTL=61
Reply from 10.145.33.1: bytes=32 time=619ms TTL=61
Reply from 10.145.33.1: bytes=32 time=542ms TTL=61
Reply from 10.145.33.1: bytes=32 time=651ms TTL=61
Reply from 10.145.33.1: bytes=32 time=574ms TTL=61
Reply from 10.145.33.1: bytes=32 time=682ms TTL=61
Reply from 10.145.33.1: bytes=32 time=606ms TTL=61
Reply from 10.145.33.1: bytes=32 time=714ms TTL=61
Reply from 10.145.33.1: bytes=32 time=637ms TTL=61
Reply from 10.145.33.1: bytes=32 time=556ms TTL=61

Ping statistics for 10.145.33.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 542ms, Maximum = 714ms, Average = 627ms
```