



TERMO DE ACEITE TÉCNICO

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

Data: 11/04/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Carlos Alberto Silva

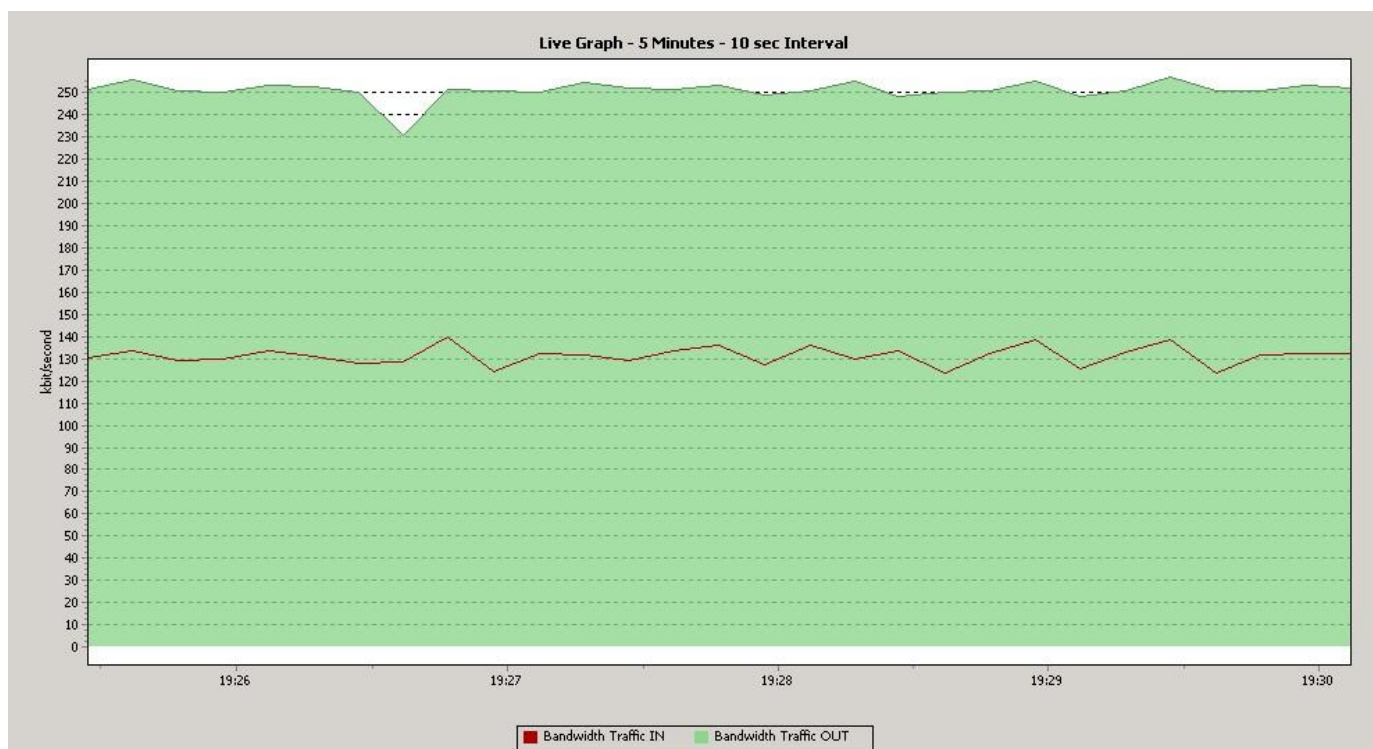
Responsável/cliente: Jéssica Alves

Consórcio
STM/Vodanet

VSAT-ID
SES-NORA-0840

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             : 11.583889 GHz
Symbol Rate          : 7.120007 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                   : 14.8 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -22 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 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     : -17.5 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                 : 14.0 dB
Header Compression   : DSM-CC
Timing correction     : -337 us (271165 us)
Frequency correction  : 160 Hz
#

IP DVB 10.148.0.132/32

Pinging 10.144.159.1 with 32 bytes of data:

Reply from 10.144.159.1: bytes=32 time=614ms TTL=62
Reply from 10.144.159.1: bytes=32 time=570ms TTL=62
Reply from 10.144.159.1: bytes=32 time=557ms TTL=62
Reply from 10.144.159.1: bytes=32 time=568ms TTL=62
Reply from 10.144.159.1: bytes=32 time=588ms TTL=62
Reply from 10.144.159.1: bytes=32 time=566ms TTL=62
Reply from 10.144.159.1: bytes=32 time=619ms TTL=62
Reply from 10.144.159.1: bytes=32 time=630ms TTL=62
Reply from 10.144.159.1: bytes=32 time=587ms TTL=62
Reply from 10.144.159.1: bytes=32 time=575ms TTL=62

Ping statistics for 10.144.159.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 557ms, Maximum = 630ms, Average = 587ms
```