



TERMO DE ACEITE TÉCNICO

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

Data: 09/05/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Rafael Alves Ferreira

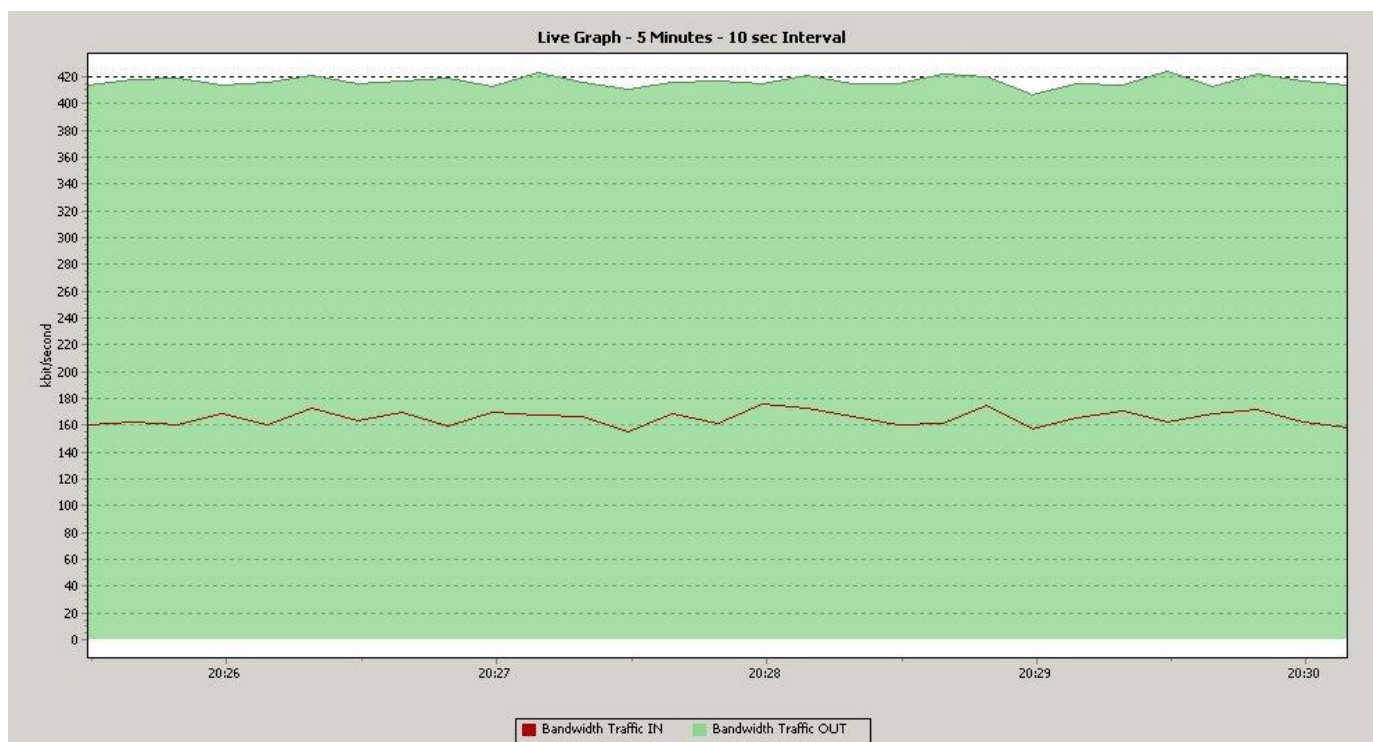
Responsável/cliente: Fernanda dos Santos Casemiro

Consórcio
STM/Vodanet

VSAT-ID
SES-CADE-3383

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             : 11.583922 GHz
Symbol Rate           : 7.119823 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                   : 15.4 dB
Input Power           : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -17 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     : -16.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -228 us (274193 us)
Frequency correction : 110 Hz

IP DVB 10.148.0.212/32

Pinging 10.145.84.1 with 32 bytes of data:

Reply from 10.145.84.1: bytes=32 time=601ms TTL=62
Reply from 10.145.84.1: bytes=32 time=556ms TTL=62
Reply from 10.145.84.1: bytes=32 time=577ms TTL=62
Reply from 10.145.84.1: bytes=32 time=587ms TTL=62
Reply from 10.145.84.1: bytes=32 time=608ms TTL=62
Reply from 10.145.84.1: bytes=32 time=619ms TTL=62
Reply from 10.145.84.1: bytes=32 time=542ms TTL=62
Reply from 10.145.84.1: bytes=32 time=563ms TTL=62
Reply from 10.145.84.1: bytes=32 time=574ms TTL=62
Reply from 10.145.84.1: bytes=32 time=594ms TTL=62

Ping statistics for 10.145.84.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 619ms, Average = 582ms
```