



TERMO DE ACEITE TÉCNICO

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

Data: 27/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Leonardo Oliveira

GRE/Prodemge: Rafael Alves Ferreira

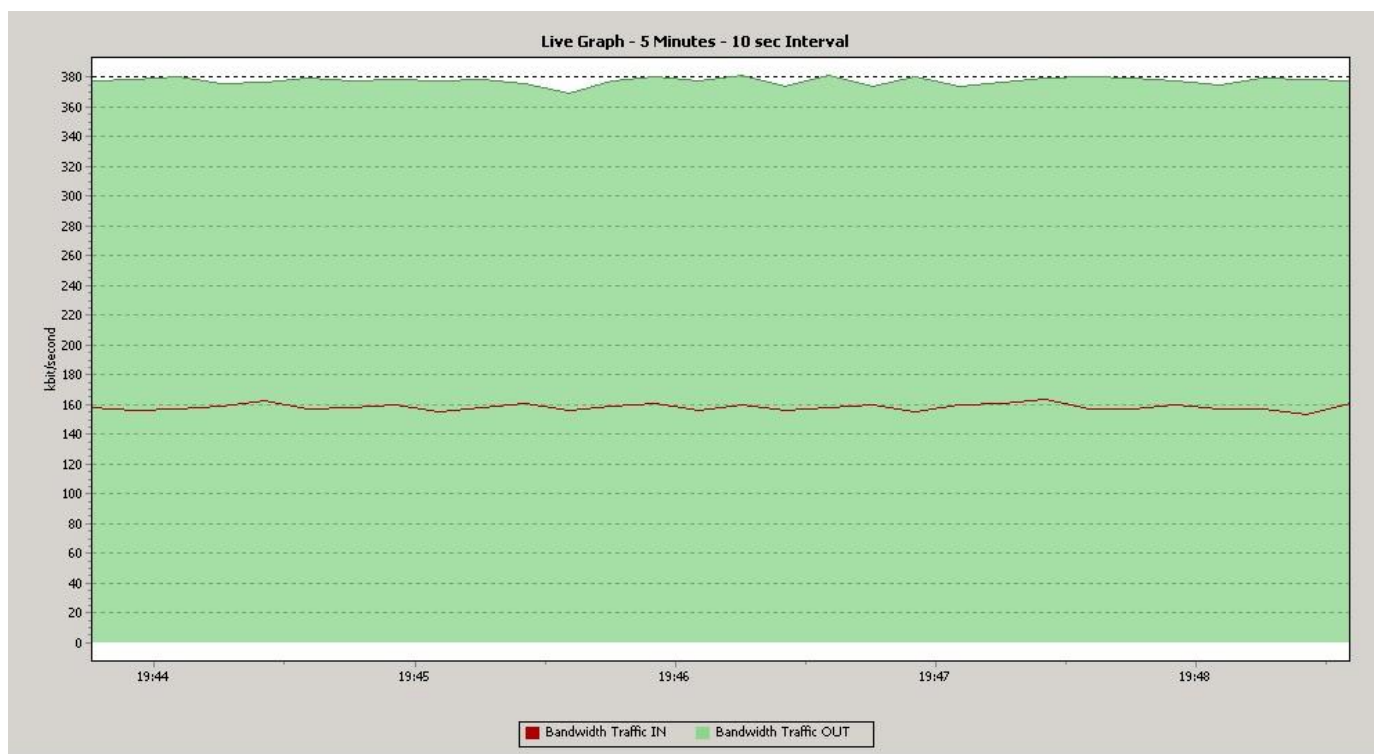
Responsável/cliente: Vanusa Nunes

Consórcio
STM/Vodanet

VSAT-ID
SES-JABA-0815

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             : 11.584086 GHz
Symbol Rate           : 7.119974 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                   : 13.4 dB
Input Power           : -39 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.0 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     : -15.0 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.4 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -323 us (270406 us)
Frequency correction : -10 Hz

IP DVB 10.148.0.109/32

Pinging 10.144.134.1 with 32 bytes of data:

Reply from 10.144.134.1: bytes=32 time=588ms TTL=62
Reply from 10.144.134.1: bytes=32 time=567ms TTL=62
Reply from 10.144.134.1: bytes=32 time=620ms TTL=62
Reply from 10.144.134.1: bytes=32 time=543ms TTL=62
Reply from 10.144.134.1: bytes=32 time=554ms TTL=62
Reply from 10.144.134.1: bytes=32 time=574ms TTL=62
Reply from 10.144.134.1: bytes=32 time=584ms TTL=62
Reply from 10.144.134.1: bytes=32 time=605ms TTL=62
Reply from 10.144.134.1: bytes=32 time=583ms TTL=62
Reply from 10.144.134.1: bytes=32 time=635ms TTL=62

Ping statistics for 10.144.134.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 543ms, Maximum = 635ms, Average = 585ms
```