



TERMO DE ACEITE TÉCNICO

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

Data: 06/03/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Antonio Marques da Costa Filho

GRE/Prodemge: Rafael Alves Ferreira

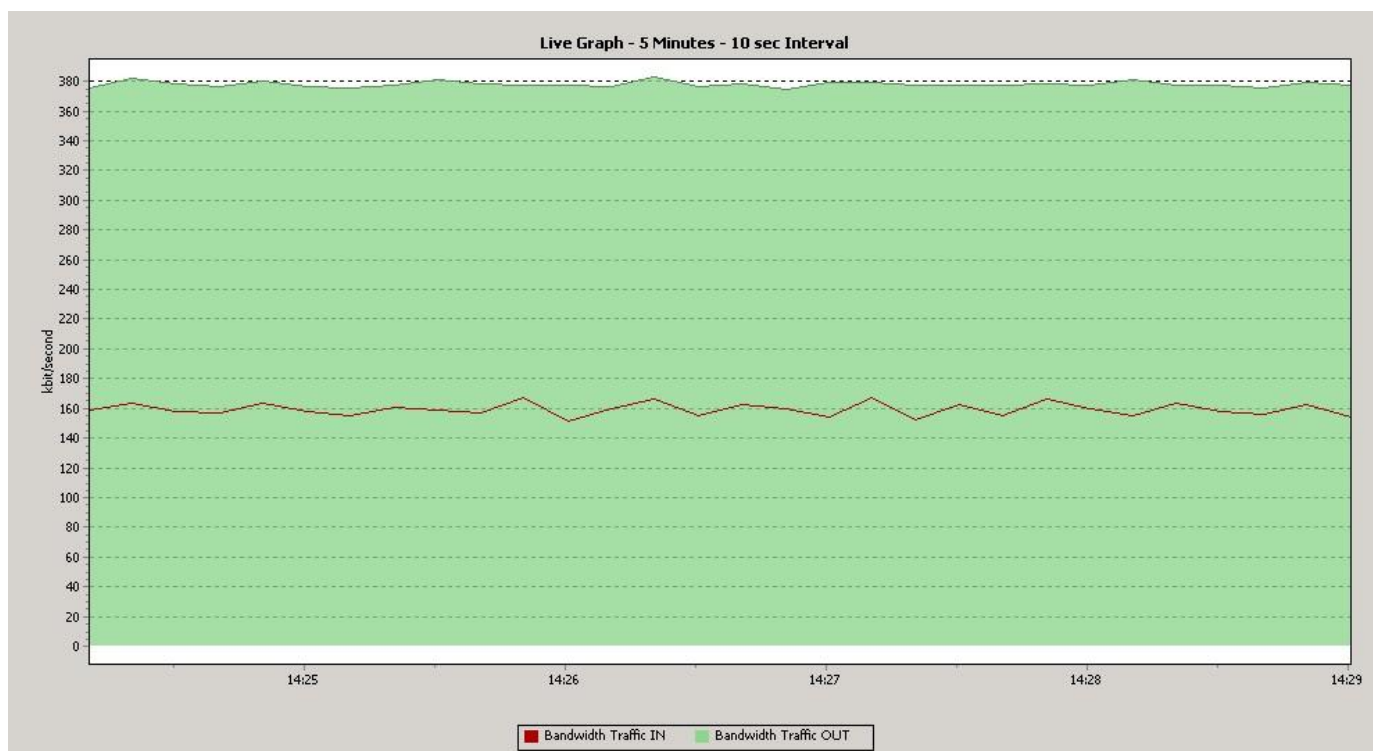
Responsável/cliente: Talita Elaine Ferrari

Consórcio
STM/Vodanet

VSAT-ID
SES-LITE-0725

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              : 11.583790 GHz
Symbol Rate           : 7.119984 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                    : 15.0 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 28.5 dBm
EIRP                 : 42.0 dBW
Default CW Frequency : 14.128000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -22.0 dBm
ODU Output Power     : 28.4 dBm
EIRP                 : 41.9 dBW
Es/No                : 10.0 dB
Header Compression   : DSM-CC
Timing correction    : -383 us (274458 us)
Frequency correction : 0 Hz

IP DVB 10.148.0.99/32

Pinging 10.144.61.1 with 32 bytes of data:

Reply from 10.144.61.1: bytes=32 time=655ms TTL=62
Reply from 10.144.61.1: bytes=32 time=578ms TTL=62
Reply from 10.144.61.1: bytes=32 time=686ms TTL=62
Reply from 10.144.61.1: bytes=32 time=609ms TTL=62
Reply from 10.144.61.1: bytes=32 time=542ms TTL=62
Reply from 10.144.61.1: bytes=32 time=640ms TTL=62
Reply from 10.144.61.1: bytes=32 time=564ms TTL=62
Reply from 10.144.61.1: bytes=32 time=667ms TTL=62
Reply from 10.144.61.1: bytes=32 time=595ms TTL=62
Reply from 10.144.61.1: bytes=32 time=703ms TTL=62

Ping statistics for 10.144.61.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 703ms, Average = 623ms
```