



TERMO DE ACEITE TÉCNICO

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

Data: 05/03/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Antonio Marques da Costa Filho

GRE/Prodemge: Rafael Alves Ferreira

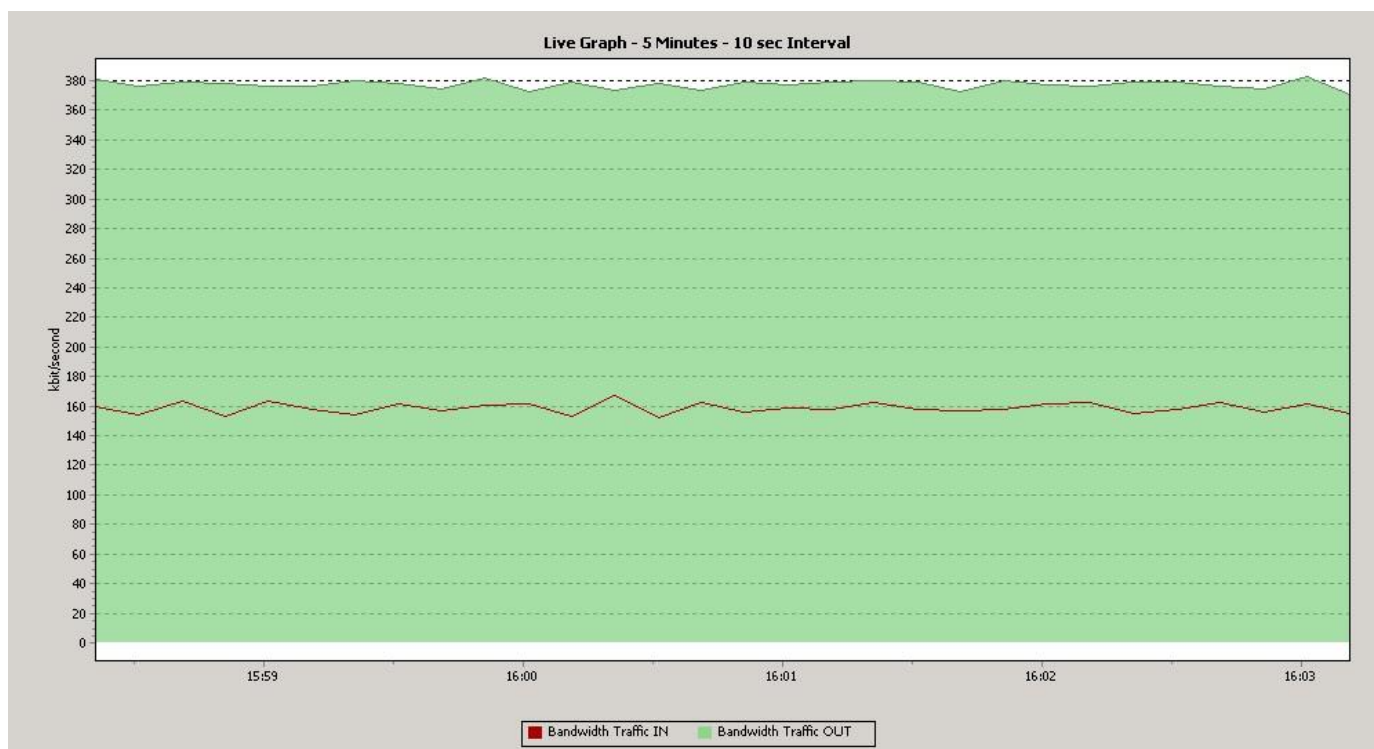
Responsável/cliente: Thalita Ferreira

Consórcio
STM/Vodanet

VSAT-ID
SES-CAHO-0674

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            : 11.583741 GHz
Symbol Rate         : 7.120018 Mbps
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                  : 15.5 dB
Input Power         : -26 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Disabled
IDU Output Power     : -27 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     : -24.9 dBm
ODU Output Power     : 28.3 dBm
EIRP                 : 41.8 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : 105 us (274071 us)
Frequency correction : -10 Hz

IP DVB 10.148.0.121/32

Pinging 10.144.29.1 with 32 bytes of data:

Reply from 10.144.29.1: bytes=32 time=593ms TTL=62
Reply from 10.144.29.1: bytes=32 time=604ms TTL=62
Reply from 10.144.29.1: bytes=32 time=624ms TTL=62
Reply from 10.144.29.1: bytes=32 time=547ms TTL=62
Reply from 10.144.29.1: bytes=32 time=558ms TTL=62
Reply from 10.144.29.1: bytes=32 time=578ms TTL=62
Reply from 10.144.29.1: bytes=32 time=556ms TTL=62
Reply from 10.144.29.1: bytes=32 time=609ms TTL=62
Reply from 10.144.29.1: bytes=32 time=532ms TTL=62
Reply from 10.144.29.1: bytes=32 time=640ms TTL=62

Ping statistics for 10.144.29.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 532ms, Maximum = 640ms, Average = 584ms
```