prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais | **Data:** 25/05/2012

NOC/Operadora: Jefferson de Souza Marques | **Operadora/Cliente:** Fabrício Soares Campolina
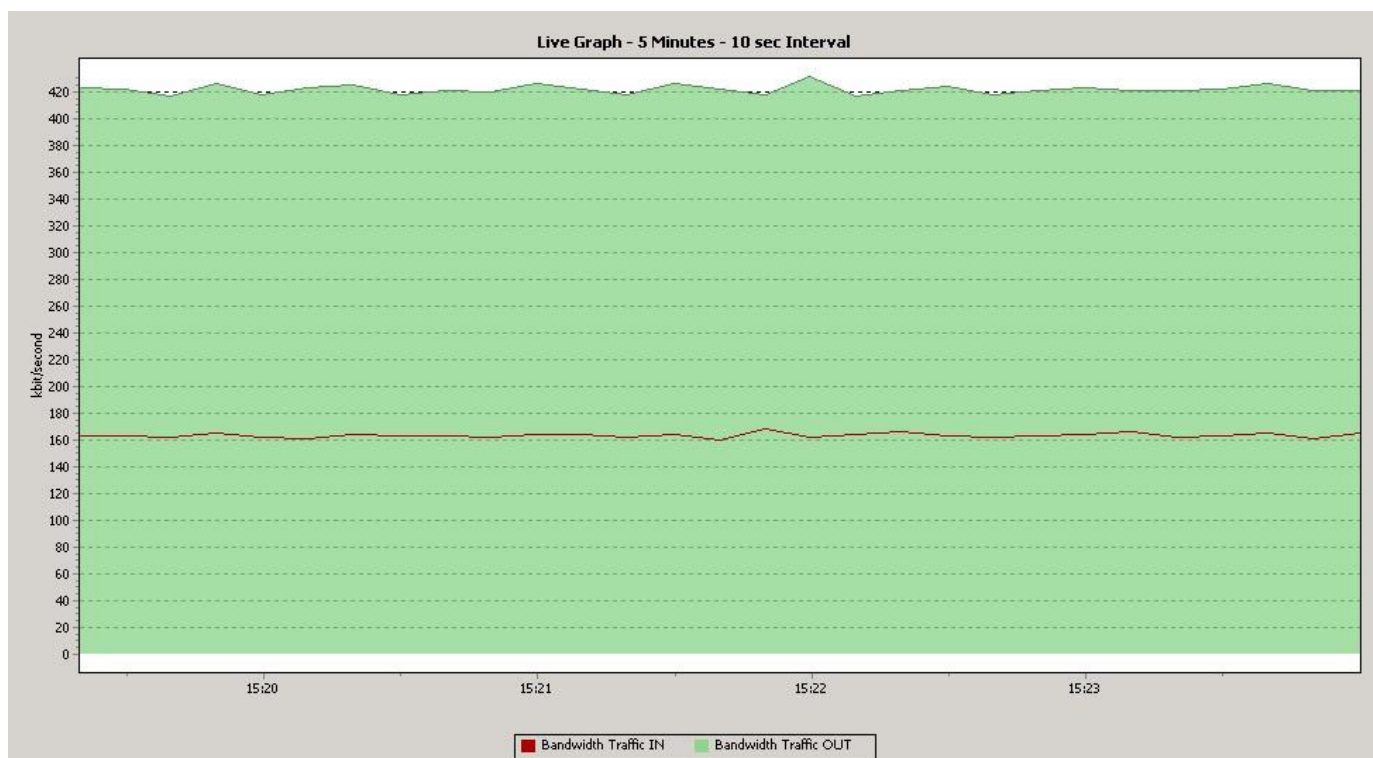
GRE/Prodemge: Rafael Alves Ferreira | **Responsável/cliente:** Pablo Dias Viana

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-FRES-3371	384/153	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[Msps] 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           : 11.583783 GHz
Symbol Rate         : 7.119956 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                 : 14.4 dB
Input Power         : -26 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: 14.128000 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -22.6 dBm
ODU Output Power    : 33.4 dBm
EIRP                : 46.7 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : -322 us (269605 us)
Frequency correction: -20 Hz
#

IP DVB 10.148.0.224/32

Pinging 10.145.83.1 with 32 bytes of data:

Reply from 10.145.83.1: bytes=32 time=606ms TTL=62
Reply from 10.145.83.1: bytes=32 time=627ms TTL=62
Reply from 10.145.83.1: bytes=32 time=551ms TTL=62
Reply from 10.145.83.1: bytes=32 time=562ms TTL=62
Reply from 10.145.83.1: bytes=32 time=583ms TTL=62
Reply from 10.145.83.1: bytes=32 time=596ms TTL=62
Reply from 10.145.83.1: bytes=32 time=614ms TTL=62
Reply from 10.145.83.1: bytes=32 time=624ms TTL=62
Reply from 10.145.83.1: bytes=32 time=547ms TTL=62
Reply from 10.145.83.1: bytes=32 time=568ms TTL=62

Ping statistics for 10.145.83.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 547ms, Maximum = 627ms, Average = 587ms
```