TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais | **Data:** 02/03/2012

NOC/Operadora: Renan Borges Sousa | **Operadora/Cliente:** Fabrício Campolina
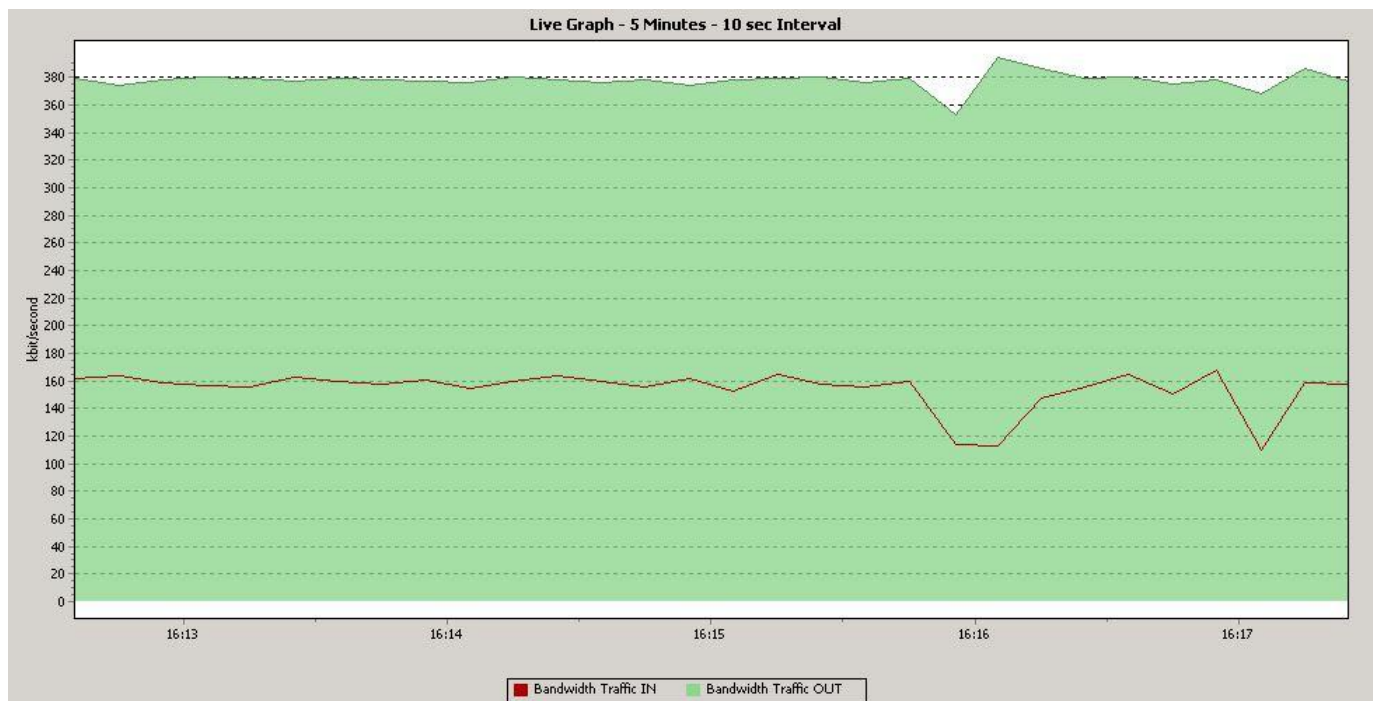
GRE/Prodemge: Bruno de Líbero Hauk Ferreira | **Responsável/cliente:** Monique de Paiva Gamboje

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-MOLO-0823	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
  1  1     0.000000       0.000000   DVB-S2 2          No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583631 GHz
Symbol Rate         : 7.119826 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                 : 14.8 dB
Input Power         : -34 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 32.5 dBm
EIRP                : 46.0 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    : -15.8 dBm
ODU Output Power    : 33.4 dBm
EIRP                : 46.9 dBW
Es/No               : 16.0 dB
Header Compression  :  DSM-CC
Timing correction   : -375 us (272699 us)
Frequency correction: 0 Hz
#
IP DVB 10.148.0.104/32

Pinging 10.144.142.1 with 32 bytes of data:

Reply from 10.144.142.1: bytes=32 time=569ms TTL=62
Reply from 10.144.142.1: bytes=32 time=557ms TTL=62
Reply from 10.144.142.1: bytes=32 time=568ms TTL=62
Reply from 10.144.142.1: bytes=32 time=588ms TTL=62
Reply from 10.144.142.1: bytes=32 time=599ms TTL=62
Reply from 10.144.142.1: bytes=32 time=620ms TTL=62
Reply from 10.144.142.1: bytes=32 time=542ms TTL=62
Reply from 10.144.142.1: bytes=32 time=553ms TTL=62
Reply from 10.144.142.1: bytes=32 time=573ms TTL=62
Reply from 10.144.142.1: bytes=32 time=584ms TTL=62

Ping statistics for 10.144.142.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 542ms, Maximum = 620ms, Average = 575ms
```