prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 26/03/2012

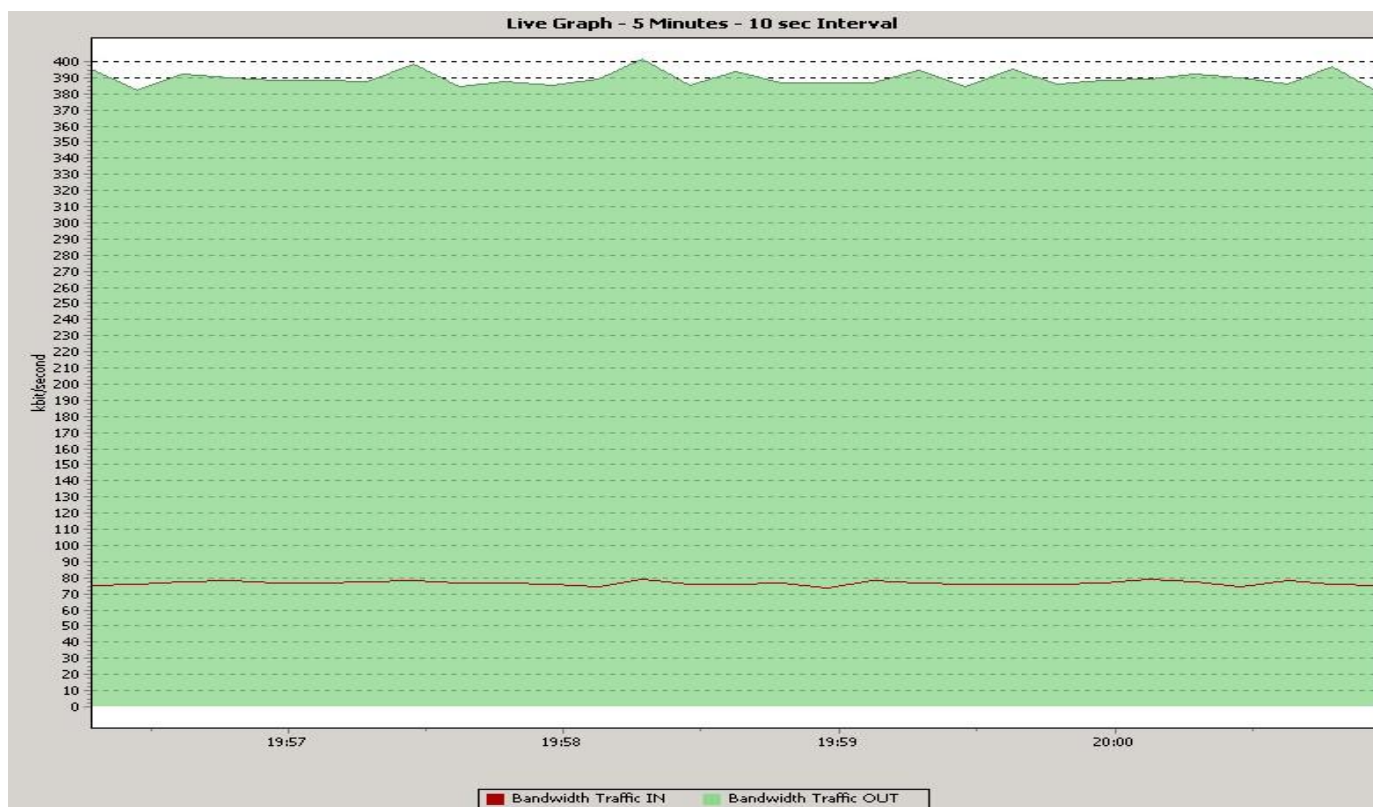| **NOC/Operadora:** Bruno Resston Moreira	**Operadora/Cliente:** Marcos Aurélio de Moura

GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** André de Souza Almeida

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-ARNA-0938	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
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           : 11.583812 GHz
Symbol Rate         : 7.119977 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         : -35 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 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     : -19.0 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 15.0 dB
Header Compression   :  DSM-CC
Timing correction    : -280 us (272201 us)
Frequency correction: 150 Hz


IP DVB: 10.148.0.46/32


Pinging 10.144.246.1 with 32 bytes of data:

Reply from 10.144.246.1: bytes=32 time=553ms TTL=62
Reply from 10.144.246.1: bytes=32 time=597ms TTL=62
Reply from 10.144.246.1: bytes=32 time=584ms TTL=62
Reply from 10.144.246.1: bytes=32 time=595ms TTL=62
Reply from 10.144.246.1: bytes=32 time=552ms TTL=62
Reply from 10.144.246.1: bytes=32 time=539ms TTL=62
Reply from 10.144.246.1: bytes=32 time=549ms TTL=62
Reply from 10.144.246.1: bytes=32 time=570ms TTL=62
Reply from 10.144.246.1: bytes=32 time=580ms TTL=62
Reply from 10.144.246.1: bytes=32 time=601ms TTL=62

Ping statistics for 10.144.246.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 601ms, Average = 572ms
```