prodemge

TERMO DE ACEITE TÉCNICO

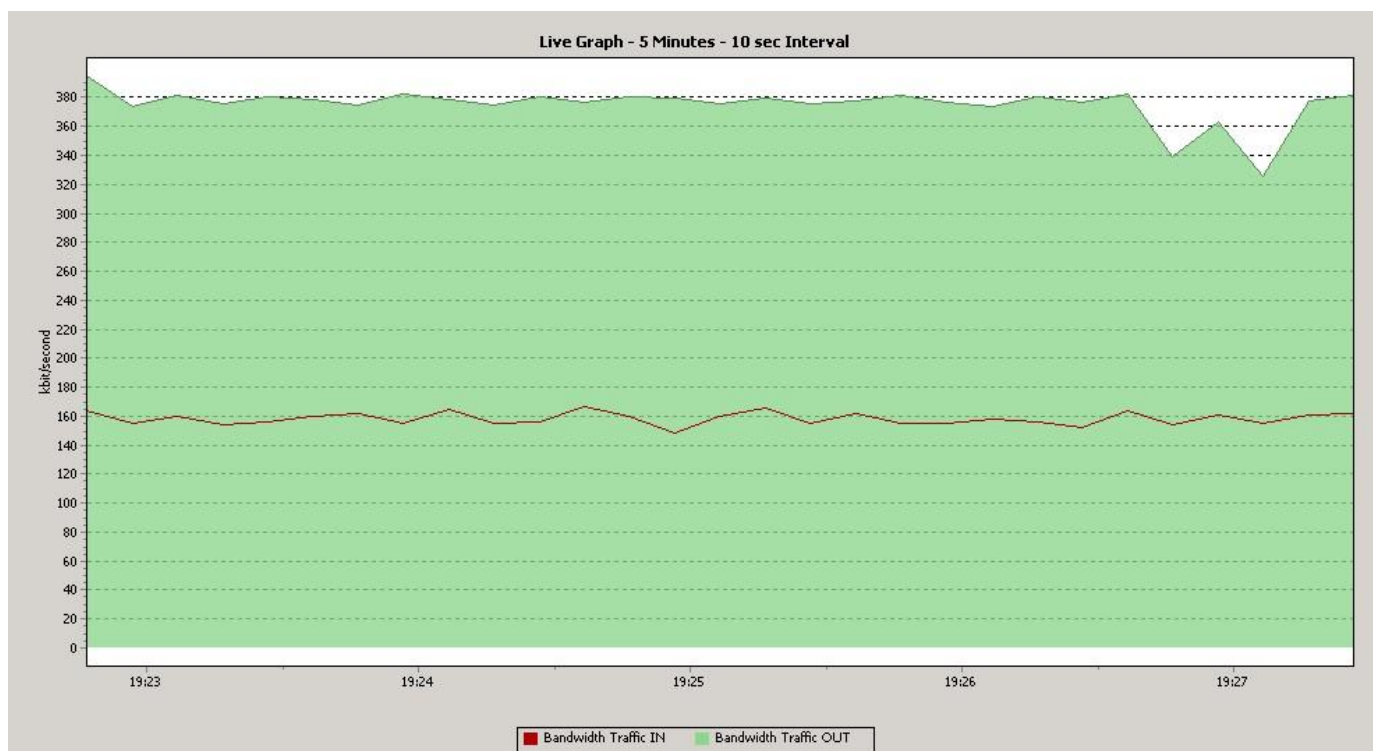| **Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 13/03/2012	
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Fabrício Campolina	
GRE/Prodemge: Rafael Alves Ferreira		**Responsável/cliente:** Carlos Eduardo	
Consórcio STM/Vodanet	**VSAT-ID** SES-ROIA-0917	**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[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            : 11.583476 GHz
Symbol Rate          : 7.119972 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                  : 14.2 dB
Input Power          : -39 dBm
```

```
#
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
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     : -13.4 dBm
ODU Output Power     : 33.9 dBm
EIRP                 : 47.2 dBW
Es/No                : 14.5 dB
Header Compression   :  DSM-CC
Timing correction    : -327 us (272911 us)
Frequency correction: 120 Hz



IP 10.148.0.134/32


Pinging 10.144.233.1 with 32 bytes of data:

Reply from 10.144.233.1: bytes=32 time=599ms TTL=62
Reply from 10.144.233.1: bytes=32 time=610ms TTL=62
Reply from 10.144.233.1: bytes=32 time=533ms TTL=62
Reply from 10.144.233.1: bytes=32 time=553ms TTL=62
Reply from 10.144.233.1: bytes=32 time=564ms TTL=62
Reply from 10.144.233.1: bytes=32 time=585ms TTL=62
Reply from 10.144.233.1: bytes=32 time=596ms TTL=62
Reply from 10.144.233.1: bytes=32 time=617ms TTL=62
Reply from 10.144.233.1: bytes=32 time=540ms TTL=62
Reply from 10.144.233.1: bytes=32 time=550ms TTL=62

Ping statistics for 10.144.233.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 533ms, Maximum = 617ms, Average = 574ms
```