prodemge

TERMO DE ACEITE TÉCNICO

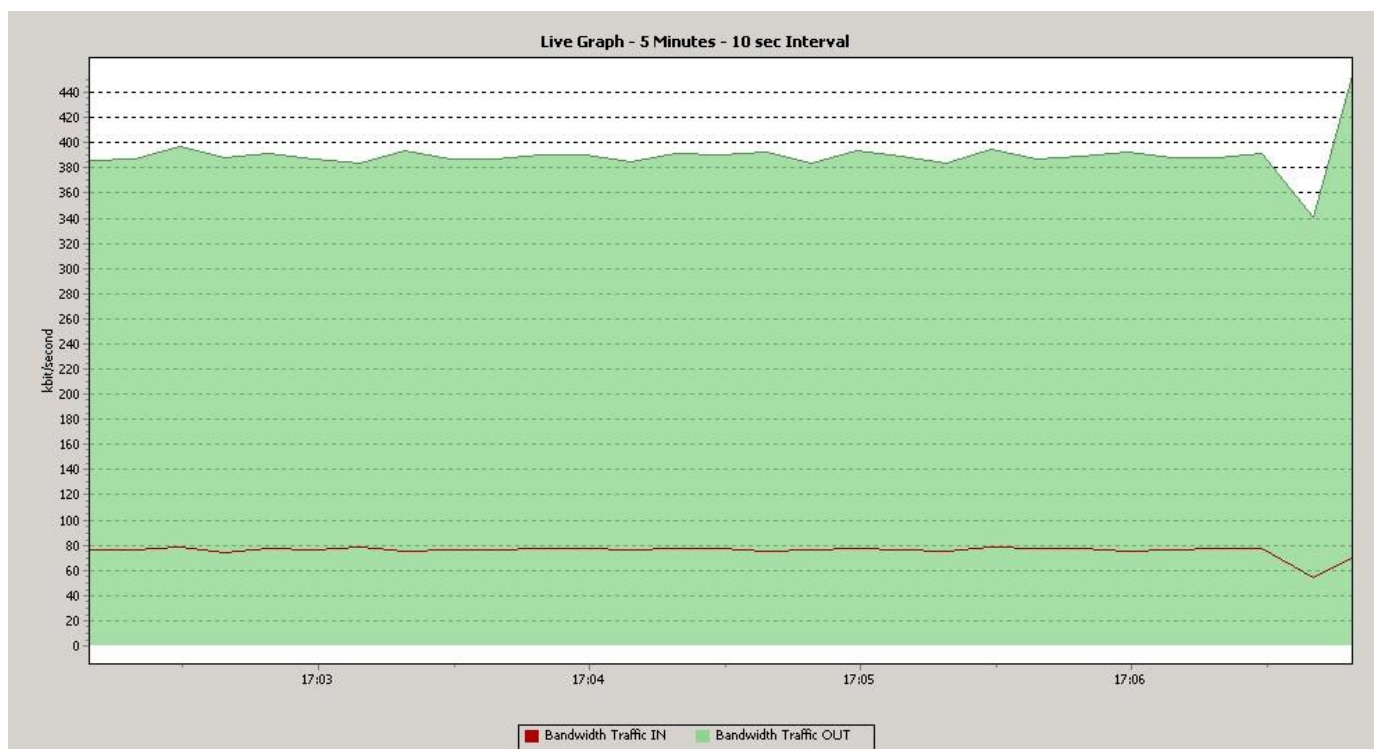| **Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 13/04/2012	
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Antonio Gonçalves	
GRE/Prodemge: Bruno Hauck		**Responsável/cliente:** Ana Justina Medina	
Consórcio STM/Vodanet	**VSAT-ID** SES-SAIA-3244	**Porta 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

Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.583596 GHz
Symbol Rate          : 7.119925 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                  : 12.6 dB
Input Power          : -36 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 32.7 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     : -14.4 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -464 us (271524 us)
Frequency correction: 30 Hz


IP DVB 10.148.0.173/32


Pinging 10.145.23.1 with 32 bytes of data:

Reply from 10.145.23.1: bytes=32 time=531ms TTL=62
Reply from 10.145.23.1: bytes=32 time=584ms TTL=62
Reply from 10.145.23.1: bytes=32 time=595ms TTL=62
Reply from 10.145.23.1: bytes=32 time=552ms TTL=62
Reply from 10.145.23.1: bytes=32 time=541ms TTL=62
Reply from 10.145.23.1: bytes=32 time=550ms TTL=62
Reply from 10.145.23.1: bytes=32 time=571ms TTL=62
Reply from 10.145.23.1: bytes=32 time=582ms TTL=62
Reply from 10.145.23.1: bytes=32 time=602ms TTL=62
Reply from 10.145.23.1: bytes=32 time=613ms TTL=62

Ping statistics for 10.145.23.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 613ms, Average = 572ms
```