prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais | **Data:** 10/05/2012

NOC/Operadora: Bruno Resston Moreira | **Operadora/Cliente:** Alexandre Pascoal da Silva

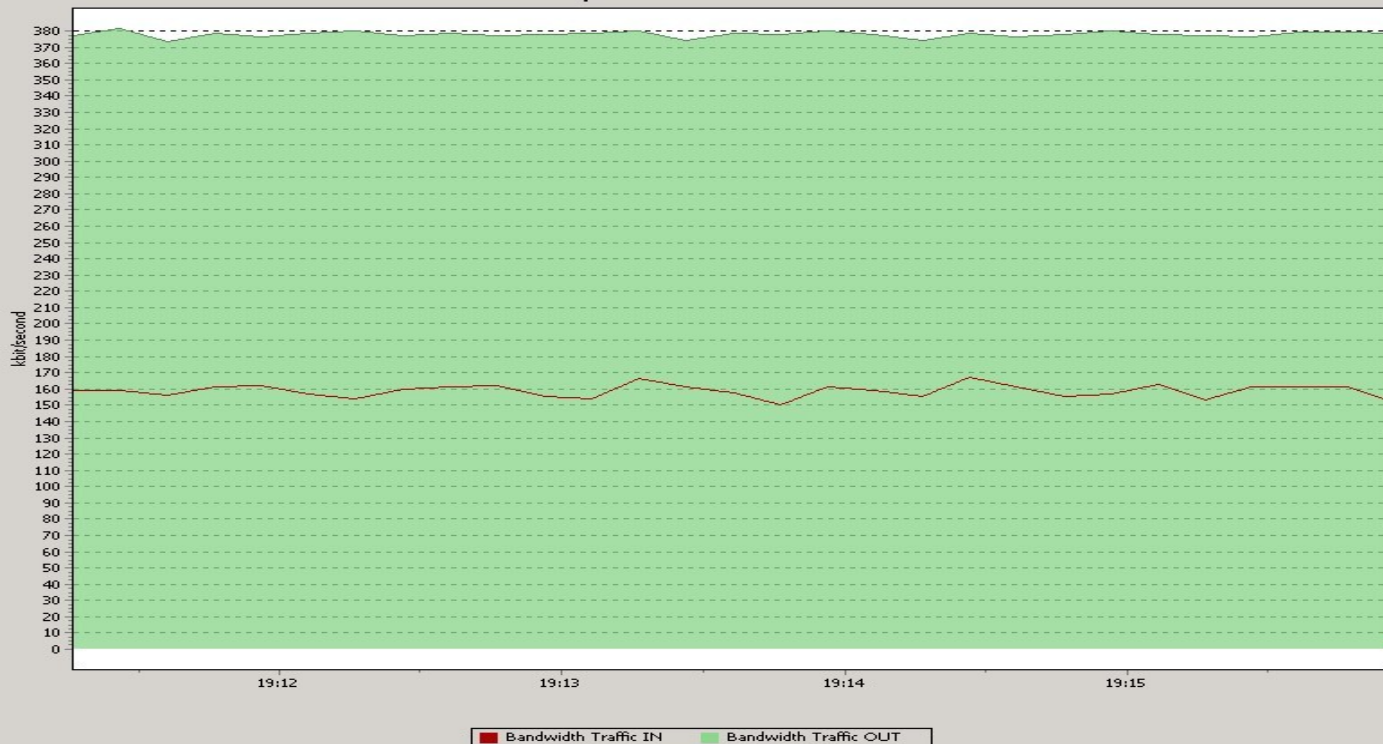**GRE/Prodemge:** Rafael Alves Ferreira | **Responsável/cliente:** Irene de Fatima Silva Nunes

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CADE-3382	384/153	VSAT

Live Graph – 5 Minutes – 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT

```
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           : 11.583837 GHz
Symbol Rate         : 7.119984 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                 : 15.3 dB
Input Power         : -32 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -17 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     : -13.2 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -312 us (273936 us)
Frequency correction: 50 Hz

IP DVB: 10.148.0.213/32

Pinging 10.145.85.1 with 32 bytes of data:

Reply from 10.145.85.1: bytes=32 time=563ms TTL=62
Reply from 10.145.85.1: bytes=32 time=567ms TTL=62
Reply from 10.145.85.1: bytes=32 time=597ms TTL=62
Reply from 10.145.85.1: bytes=32 time=602ms TTL=62
Reply from 10.145.85.1: bytes=32 time=622ms TTL=62
Reply from 10.145.85.1: bytes=32 time=632ms TTL=62
Reply from 10.145.85.1: bytes=32 time=557ms TTL=62
Reply from 10.145.85.1: bytes=32 time=573ms TTL=62
Reply from 10.145.85.1: bytes=32 time=579ms TTL=62
Reply from 10.145.85.1: bytes=32 time=604ms TTL=62

Ping statistics for 10.145.85.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 557ms, Maximum = 632ms, Average = 589ms
```