TERMO DE ACEITE TÉCNICO

prodemge

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

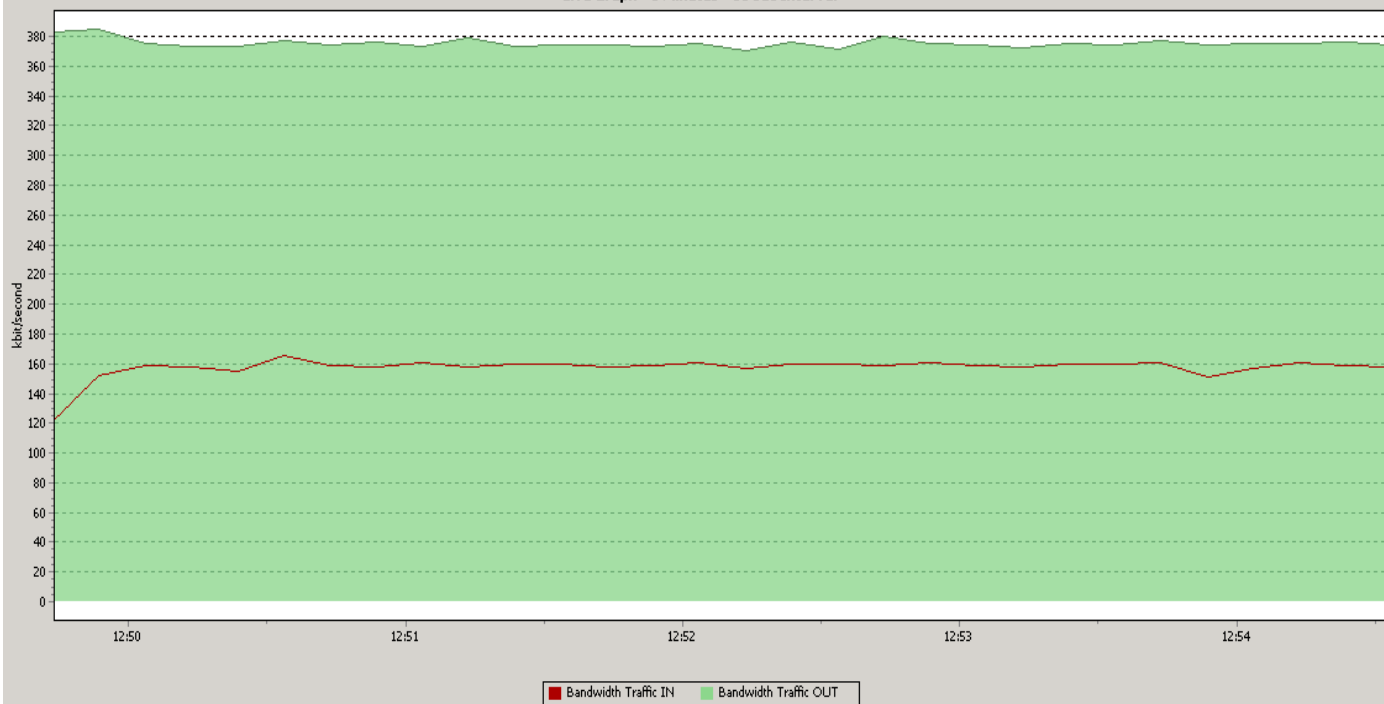|	
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Marco Antonio
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Eduardo Carlos Mendes

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CALO-3977	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    13.333000      11.588250  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           : 11.588143 GHz
Symbol Rate         : 13.332730 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                 : 13.1 dB
Input Power         : -33 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     : -12.4 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : 102 us (261588 us)
Frequency correction: -70 Hz


IP DVB: 10.148.2.79/32


Pinging 10.146.232.1 with 32 bytes of data:

Reply from 10.146.232.1: bytes=32 time=550ms TTL=62
Reply from 10.146.232.1: bytes=32 time=538ms TTL=62
Reply from 10.146.232.1: bytes=32 time=548ms TTL=62
Reply from 10.146.232.1: bytes=32 time=569ms TTL=62
Reply from 10.146.232.1: bytes=32 time=547ms TTL=62
Reply from 10.146.232.1: bytes=32 time=599ms TTL=62
Reply from 10.146.232.1: bytes=32 time=610ms TTL=62
Reply from 10.146.232.1: bytes=32 time=566ms TTL=62
Reply from 10.146.232.1: bytes=32 time=553ms TTL=62
Reply from 10.146.232.1: bytes=32 time=564ms TTL=62

Ping statistics for 10.146.232.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 538ms, Maximum = 610ms, Average = 564ms
```