prodemge

TERMO DE ACEITE TÉCNICO

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

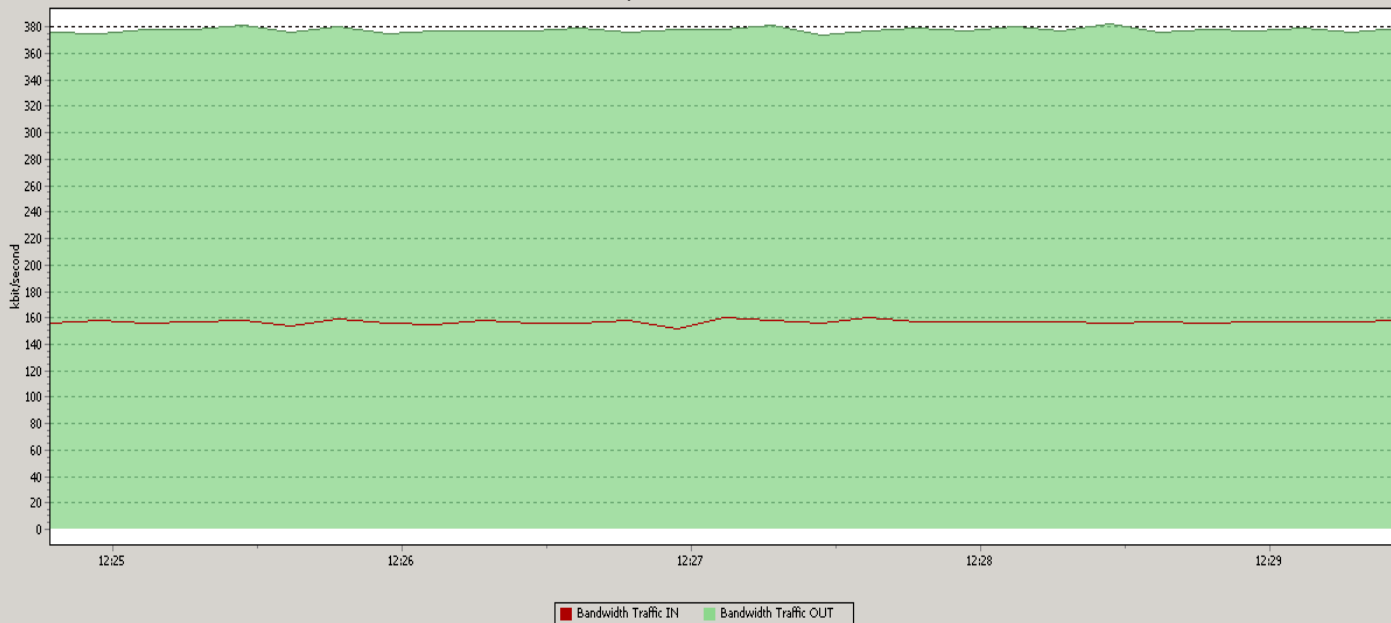|	
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Rodrigo Carlos Martins
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Auriana Vanessa da Silva

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PAOS-3964	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         Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588516 GHz
Symbol Rate         : 13.332817 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                 : 15.0 dB
Input Power         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 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     : -16.6 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -211 us (261013 us)
Frequency correction: -350 Hz


IP DVB: 10.148.1.250/32


Pinging 10.146.220.1 with 32 bytes of data:

Reply from 10.146.220.1: bytes=32 time=590ms TTL=62
Reply from 10.146.220.1: bytes=32 time=611ms TTL=62
Reply from 10.146.220.1: bytes=32 time=532ms TTL=62
Reply from 10.146.220.1: bytes=32 time=543ms TTL=62
Reply from 10.146.220.1: bytes=32 time=564ms TTL=62
Reply from 10.146.220.1: bytes=32 time=542ms TTL=62
Reply from 10.146.220.1: bytes=32 time=595ms TTL=62
Reply from 10.146.220.1: bytes=32 time=606ms TTL=62
Reply from 10.146.220.1: bytes=32 time=562ms TTL=62
Reply from 10.146.220.1: bytes=32 time=549ms TTL=62

Ping statistics for 10.146.220.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 611ms, Average = 569ms
```