prodemge

TERMO DE ACEITE TÉCNICO

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

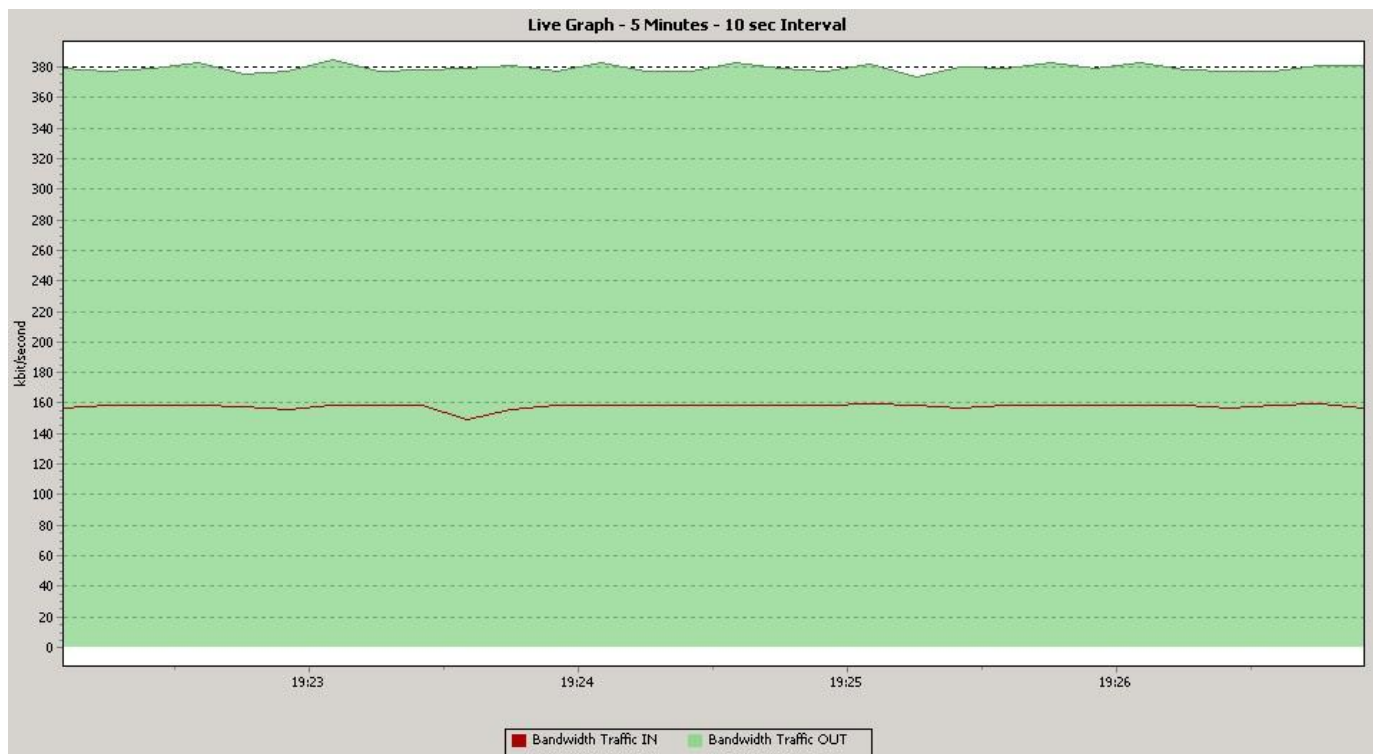|	
NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Ed Carlos dos Santos Carvalho
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Camila Cristina da Silva

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-LAAR-3653	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Legend: 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

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.588483 GHz
Symbol Rate        : 13.332913 Msps
S2 ModCod
     - receiving   : 4   QPSK-1/2
     - current max : 14  8PSK-3/4
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 11.1 dB
Input Power        : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 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    : -20.3 dBm
ODU Output Power    : 33.1 dBm
EIRP                : 46.4 dBW
Es/No               : 13.5 dB
Header Compression  :  DSM-CC
Timing correction   : 100 us (261627 us)
Frequency correction: -80 Hz
#



IP DVB 10.148.1.223/32



Pinging 10.146.8.1 with 32 bytes of data:

Reply from 10.146.8.1: bytes=32 time=600ms TTL=62
Reply from 10.146.8.1: bytes=32 time=557ms TTL=62
Reply from 10.146.8.1: bytes=32 time=545ms TTL=62
Reply from 10.146.8.1: bytes=32 time=555ms TTL=62
Reply from 10.146.8.1: bytes=32 time=576ms TTL=62
Reply from 10.146.8.1: bytes=32 time=586ms TTL=62
Reply from 10.146.8.1: bytes=32 time=607ms TTL=62
Reply from 10.146.8.1: bytes=32 time=531ms TTL=62
Reply from 10.146.8.1: bytes=32 time=541ms TTL=62
Reply from 10.146.8.1: bytes=32 time=563ms TTL=62

Ping statistics for 10.146.8.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 607ms, Average = 566ms
```