prodemge

TERMO DE ACEITE TÉCNICO

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

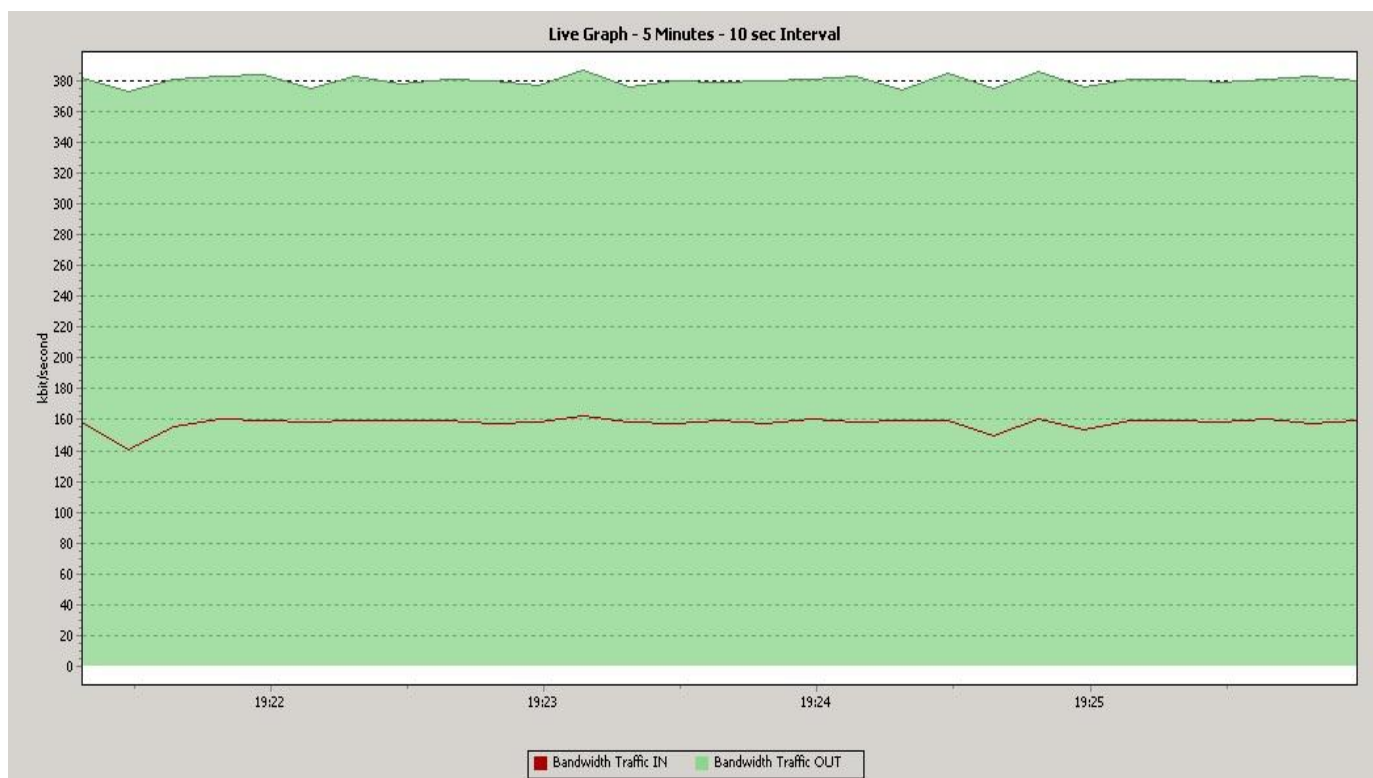| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Efrren Mol
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Juliana Tain

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CAGA-4387	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)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId    Enable
*  0   0    45.000000      11.606250  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           : 11.606662 GHz
Symbol Rate         : 45.000256 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 13   8PSK-2/3
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.6 dB
Input Power         : -24 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -15 dBm
IDU max output power: 0.0 dBm
EIRP                 : 42.0 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     : -26.1 dBm
ODU Output Power     : 28.3 dBm
EIRP                 : 41.6 dBW
Es/No                : 7.5 dB
Header Compression   :  DSM-CC
Timing correction    : 238 us (253606 us)
Frequency correction: 140 Hz


IP DVB: 10.148.3.183/32


 C:\>ping -n 10 10.172.76.1

 Pinging 10.172.76.1 with 32 bytes of data:

 Reply from 10.172.76.1: bytes=32 time=641ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=560ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=673ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=592ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=704ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=623ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=702ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=629ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=548ms TTL=62
 Reply from 10.172.76.1: bytes=32 time=660ms TTL=62

 Ping statistics for 10.172.76.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 548ms, Maximum = 704ms, Average = 633ms
```