prodemge

TERMO DE ACEITE TÉCNICO

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

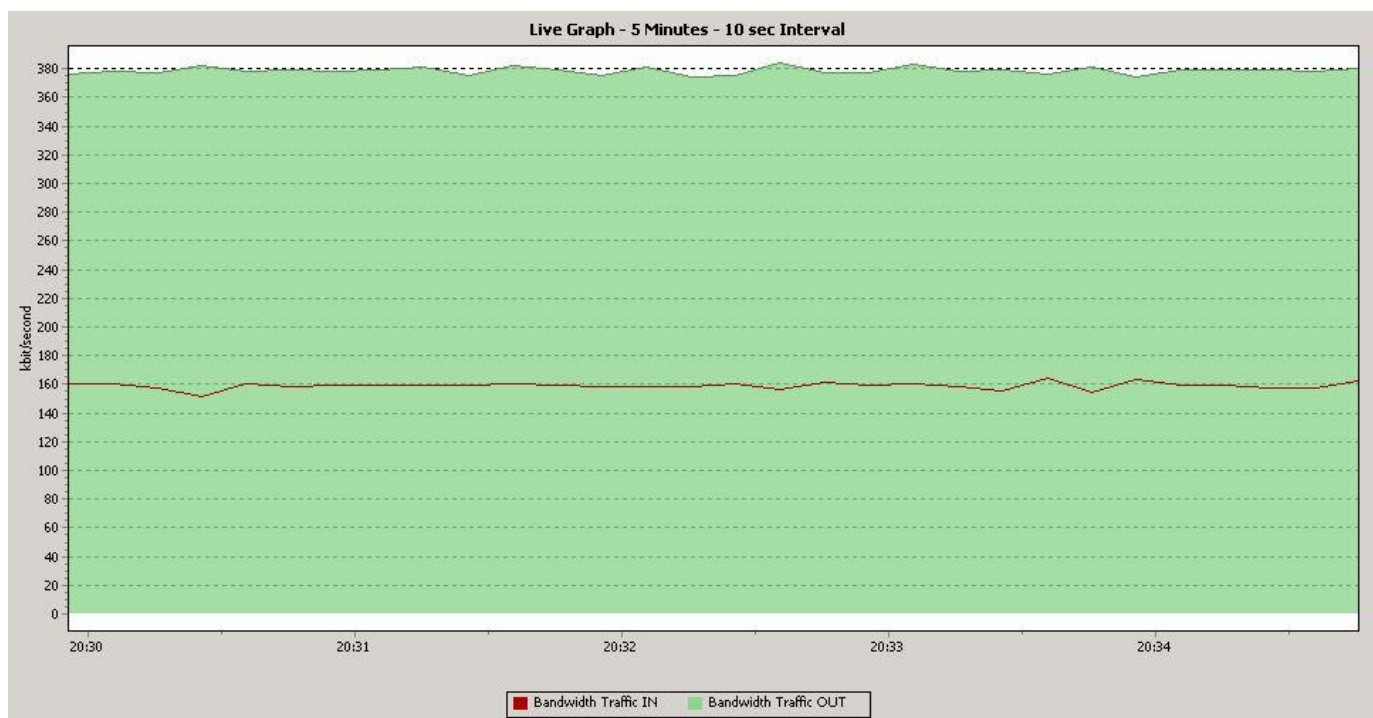| **NOC/Operadora:** Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares Campolina
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Ednéia Gomes Costa

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PIRA-3459	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    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           : 11.588468 GHz
Symbol Rate         : 13.333069 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.0 dB
Input Power         : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power     : -22 dBm
IDU max output power: 0.0 dBm
EIRP                : 47.0 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     : -20.1 dBm
ODU Output Power     : 33.7 dBm
EIRP                : 47.0 dBW
Es/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : 65 us (260624 us)
Frequency correction: -70 Hz

IP DVB 10.148.0.245/32


Pinging 10.145.111.1 with 32 bytes of data:

Reply from 10.145.111.1: bytes=32 time=653ms TTL=62
Reply from 10.145.111.1: bytes=32 time=576ms TTL=62
Reply from 10.145.111.1: bytes=32 time=554ms TTL=62
Reply from 10.145.111.1: bytes=32 time=607ms TTL=62
Reply from 10.145.111.1: bytes=32 time=530ms TTL=62
Reply from 10.145.111.1: bytes=32 time=574ms TTL=62
Reply from 10.145.111.1: bytes=32 time=648ms TTL=62
Reply from 10.145.111.1: bytes=32 time=571ms TTL=62
Reply from 10.145.111.1: bytes=32 time=528ms TTL=62
Reply from 10.145.111.1: bytes=32 time=602ms TTL=62

Ping statistics for 10.145.111.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 528ms, Maximum = 653ms, Average = 584ms
```