prodemge

TERMO DE ACEITE TÉCNICO

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

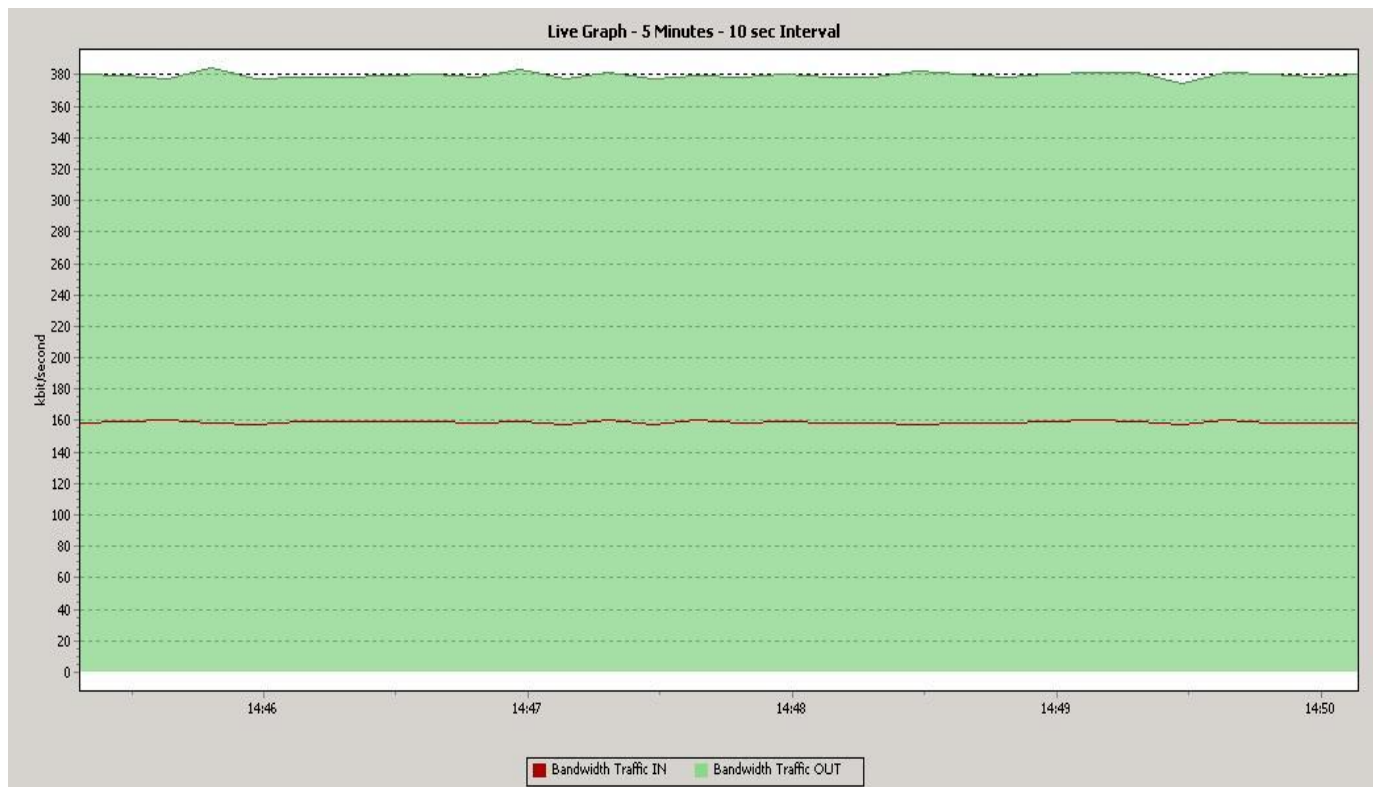| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Igor Roberto
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Lauriano Freitas

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-JOAN-4593	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    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          : 11.606157 GHz
Symbol Rate        : 44.999348 Msps
S2 ModCod
     - receiving   : 4   QPSK-1/2
     - current max : 10   QPSK-8/9
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.20
SNR                : 9.1 dB
Input Power        : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -13.8 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.4 dBW
Es/No                : 9.5 dB
Header Compression   :  DSM-CC
Timing correction    : -92 us (251115 us)
Frequency correction: 30 Hz


IP DVB: 10.148.4.185/32


 C:\>ping -n 10 10.173.15.1

 Pinging 10.173.15.1 with 32 bytes of data:

 Reply from 10.173.15.1: bytes=32 time=555ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=561ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=584ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=595ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=615ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=537ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=547ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=569ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=545ms TTL=62
 Reply from 10.173.15.1: bytes=32 time=598ms TTL=62

 Ping statistics for 10.173.15.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 537ms, Maximum = 615ms, Average = 570ms
```