prodemge	**TERMO DE ACEITE TÉCNICO**

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

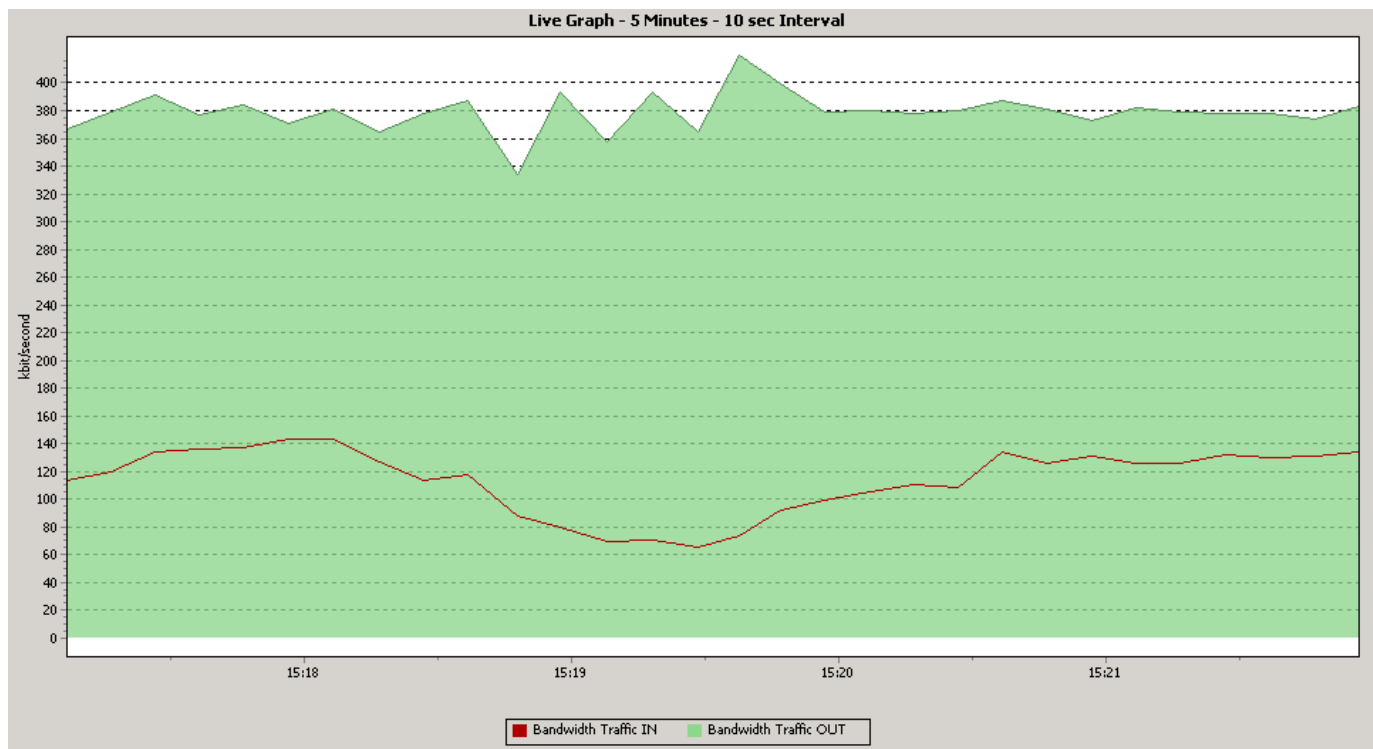| **NOC/Operadora:** Renan Borges Sousa	**Operadora/Cliente:** Marcos Antônio de Oliveira
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Rosilene Pereira Oliveira

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-JEHA-5595	384/153	VSAT


```
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 0        No

Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.606581 GHz
Symbol Rate          : 44.999989 Msps
S2 ModCod
      - receiving    : 4   QPSK-1/2
      - current max  : 10  QPSK-8/9
Pilot                : On
Frame length         : Short frame
DVB S2 Mode          : ACM
Roll off             : 0.20
SNR                  : 8.6 dB
Input Power          : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -17 dBm
IDU max output power: 0.0 dBm
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    : -12.8 dBm
ODU Output Power    : 34.3 dBm
EIRP                : 47.6 dBW
Es/No               : 10.0 dB
Header Compression  :  DSM-CC
Timing correction   : -88 us (250146 us)
Frequency correction: 0 Hz


Pinging 10.173.140.1 with 32 bytes of data:

Reply from 10.173.140.1: bytes=32 time=552ms TTL=62
Reply from 10.173.140.1: bytes=32 time=579ms TTL=62
Reply from 10.173.140.1: bytes=32 time=588ms TTL=62
Reply from 10.173.140.1: bytes=32 time=598ms TTL=62
Reply from 10.173.140.1: bytes=32 time=578ms TTL=62
Reply from 10.173.140.1: bytes=32 time=527ms TTL=62
Reply from 10.173.140.1: bytes=32 time=547ms TTL=62
Reply from 10.173.140.1: bytes=32 time=714ms TTL=62
Reply from 10.173.140.1: bytes=32 time=657ms TTL=62
Reply from 10.173.140.1: bytes=32 time=529ms TTL=62

Ping statistics for 10.173.140.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 527ms, Maximum = 714ms, Average = 586ms
```