	TERMO DE ACEITE TÉCNICO

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

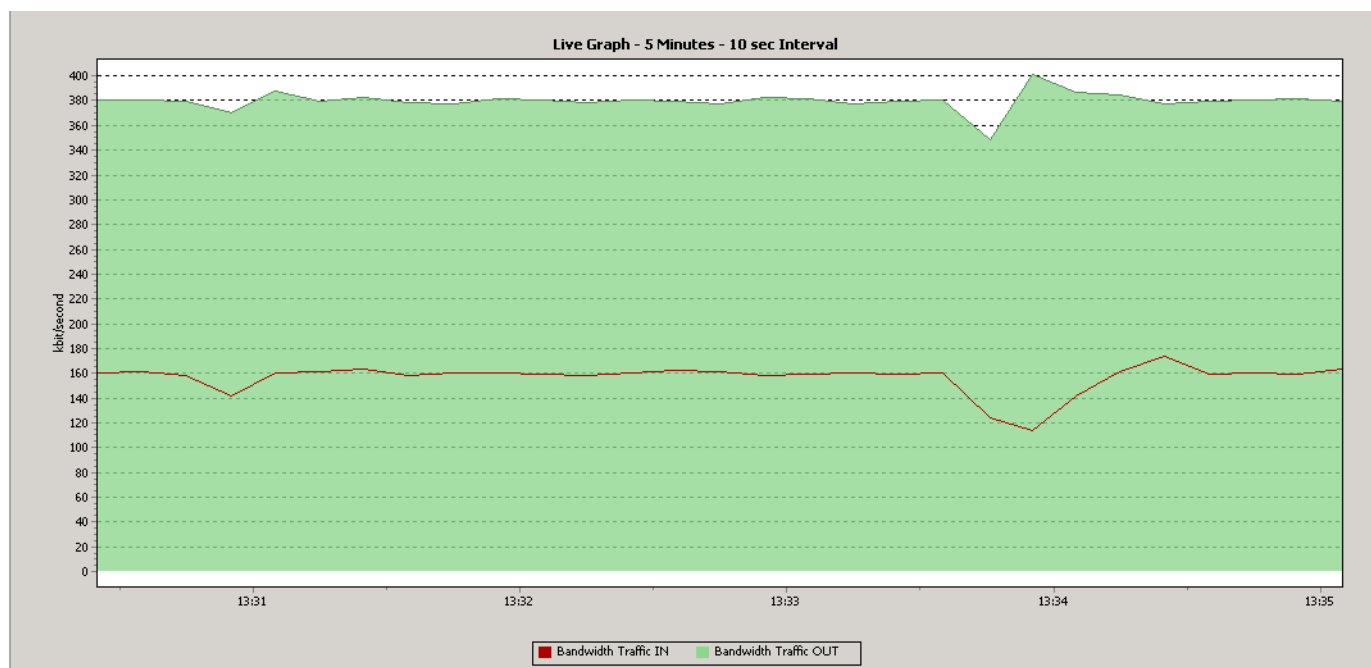| **NOC/Operadora:** Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Mário Lúcio Souza da Silva
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Ana Eduarda Moreira

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-BETE-5305	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 3       Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606606 GHz
Symbol Rate         : 45.000776 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.7 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -22 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     : -22.3 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : 123 us (251347 us)
Frequency correction: -50 Hz



IP DVB: 10.148.5.194/32



Pinging 10.174.97.1 with 32 bytes of data:

Reply from 10.174.97.1: bytes=32 time=587ms TTL=62
Reply from 10.174.97.1: bytes=32 time=600ms TTL=62
Reply from 10.174.97.1: bytes=32 time=571ms TTL=62
Reply from 10.174.97.1: bytes=32 time=517ms TTL=62
Reply from 10.174.97.1: bytes=32 time=530ms TTL=62
Reply from 10.174.97.1: bytes=32 time=566ms TTL=62
Reply from 10.174.97.1: bytes=32 time=630ms TTL=62
Reply from 10.174.97.1: bytes=32 time=546ms TTL=62
Reply from 10.174.97.1: bytes=32 time=559ms TTL=62
Reply from 10.174.97.1: bytes=32 time=561ms TTL=62

Ping statistics for 10.174.97.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 517ms, Maximum = 630ms, Average = 566ms
```