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

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Paulo Roberto de Aguiar

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PAAO-3961	384/153	VSAT
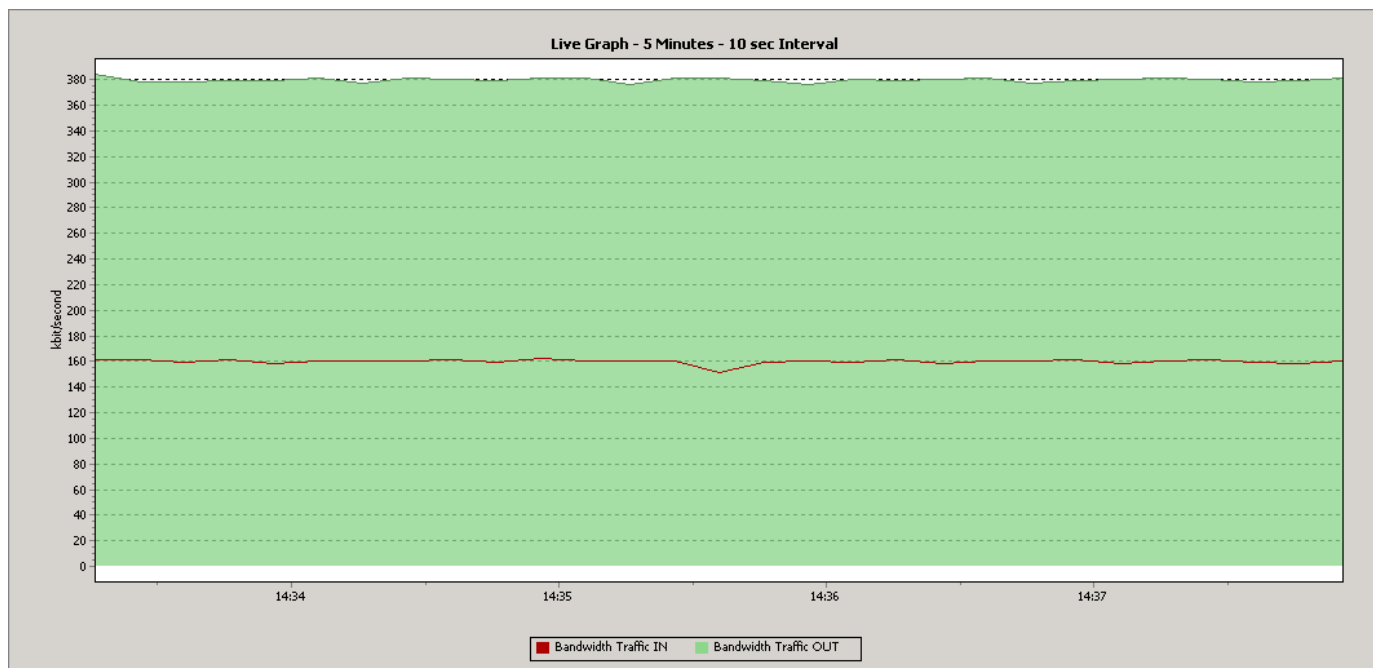

```
Satellite (DVB) RX Configuration
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Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog          : 15 minute

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            : 11.606136 GHz
Symbol Rate          : 44.999478 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 14   8PSK-3/4
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.20
SNR                  : 11.2 dB
Input Power          : -33 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -30 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      : -13.5 dBm
ODU Output Power      : 34.1 dBm
EIRP                  : 47.4 dBW
Es/No                 : 11.5 dB
Header Compression    :  DSM-CC
Timing correction     : -78 us (250351 us)
Frequency correction: 20 Hz


IP DVB 10.148.7.111

Pinging 10.146.217.1 with 32 bytes of data:

Reply from 10.146.217.1: bytes=32 time=620ms TTL=62
Reply from 10.146.217.1: bytes=32 time=632ms TTL=62
Reply from 10.146.217.1: bytes=32 time=637ms TTL=62
Reply from 10.146.217.1: bytes=32 time=549ms TTL=62
Reply from 10.146.217.1: bytes=32 time=561ms TTL=62
Reply from 10.146.217.1: bytes=32 time=566ms TTL=62
Reply from 10.146.217.1: bytes=32 time=574ms TTL=62
Reply from 10.146.217.1: bytes=32 time=611ms TTL=62
Reply from 10.146.217.1: bytes=32 time=588ms TTL=62
Reply from 10.146.217.1: bytes=32 time=593ms TTL=62

Ping statistics for 10.146.217.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 549ms, Maximum = 637ms, Average = 593ms
```