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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Fabio Passoni
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Júlio dos Reis

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBTE-5179	384/153	VSAT
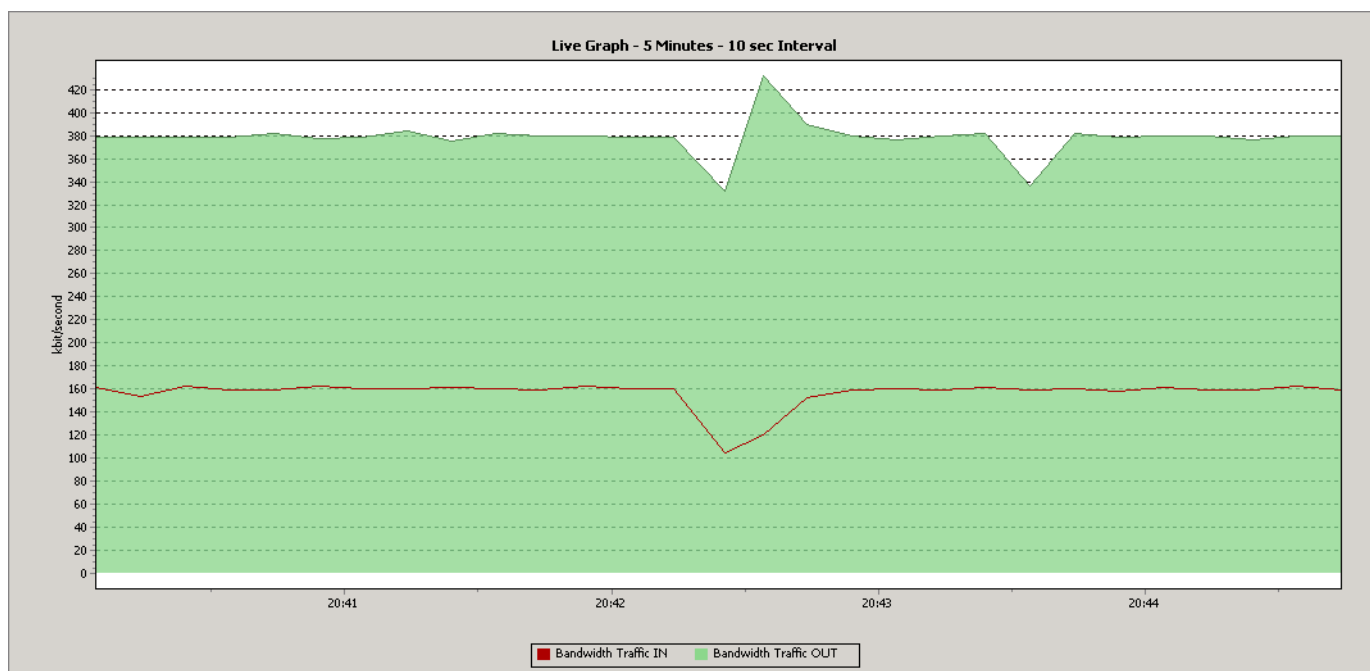

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.606350 GHz
Symbol Rate         : 45.000001 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                 : 9.9 dB
Input Power         : -26 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    : -19.2 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 230 us (252176 us)
Frequency correction: 50 Hz



IP DVB: 10.148.5.147/32



Pinging 10.173.245.1 with 32 bytes of data:

Reply from 10.173.245.1: bytes=32 time=590ms TTL=62
Reply from 10.173.245.1: bytes=32 time=540ms TTL=62
Reply from 10.173.245.1: bytes=32 time=573ms TTL=62
Reply from 10.173.245.1: bytes=32 time=616ms TTL=62
Reply from 10.173.245.1: bytes=32 time=532ms TTL=62
Reply from 10.173.245.1: bytes=32 time=568ms TTL=62
Reply from 10.173.245.1: bytes=32 time=546ms TTL=62
Reply from 10.173.245.1: bytes=32 time=549ms TTL=62
Reply from 10.173.245.1: bytes=32 time=562ms TTL=62
Reply from 10.173.245.1: bytes=32 time=532ms TTL=62

Ping statistics for 10.173.245.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 616ms, Average = 560ms
```