



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Hugo Leonardo

**Operadora/Cliente:** Gilvan Junior

**GRE/Prodemge:** Aguinaldo de Matos

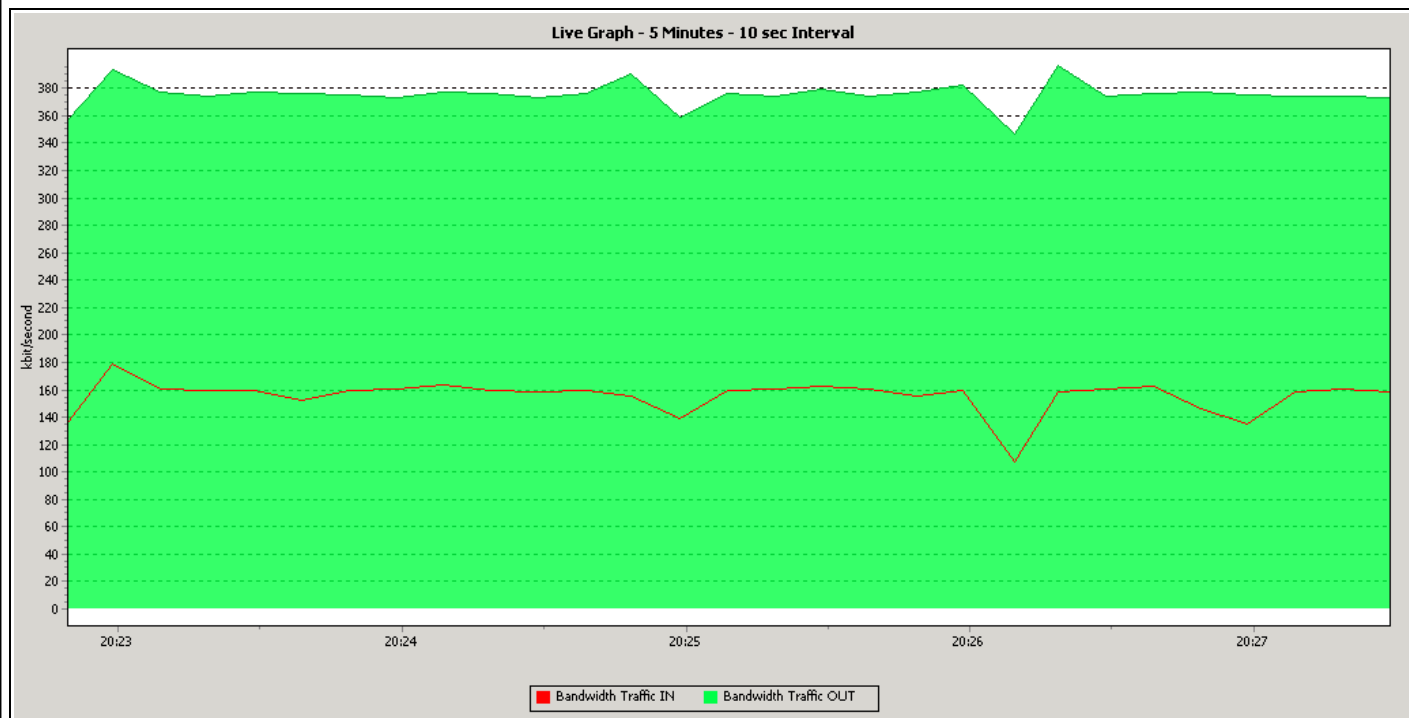
**Responsável/cliente:** Nathali Pavua

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-JUIA-6067

**Porta kbps**  
384/153

**Plataforma**  
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[Mbps]	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 : 44.999815 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 : 10.8 dB  
Input Power : -26 dBm

#### Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
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     : -18.5 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : 94 us (253507 us)
Frequency correction : -10 Hz
# dvb pos show
Latitude             : 21d 10.77'S ( 21d 10' 46''S )
Longitude            : 46d 31.50'W ( 46d 31' 30''W )
Altitude             : 914 m
Timing Reference     : SatLabs
PositionSearchN      : 0
```

IP DVB: 10.148.6.199/32

Disparando 10.175.99.1 com 32 bytes de dados:

```
Resposta de 10.175.99.1: bytes=32 tempo=579ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=588ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=697ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=595ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=593ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=601ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=568ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=608ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=606ms TTL=57
Resposta de 10.175.99.1: bytes=32 tempo=552ms TTL=57
```

Estatísticas do Ping para 10.175.99.1:

Pacotes: Enviados = 10, Recebidos = 10, Perdidos = 0 (0% de perda),

Aproximar um número redondo de vezes em milissegundos:

Mínimo = 552ms, Máximo = 697ms, Média = 598ms