



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Bruno Resston Moreira

**Operadora/Cliente:** Marcos Rodrigues da Cruz

**GRE/Prodemge:** Márlu da Silva Santos

**Responsável/cliente:** Edileusa Andrade Cezarano Barreiros

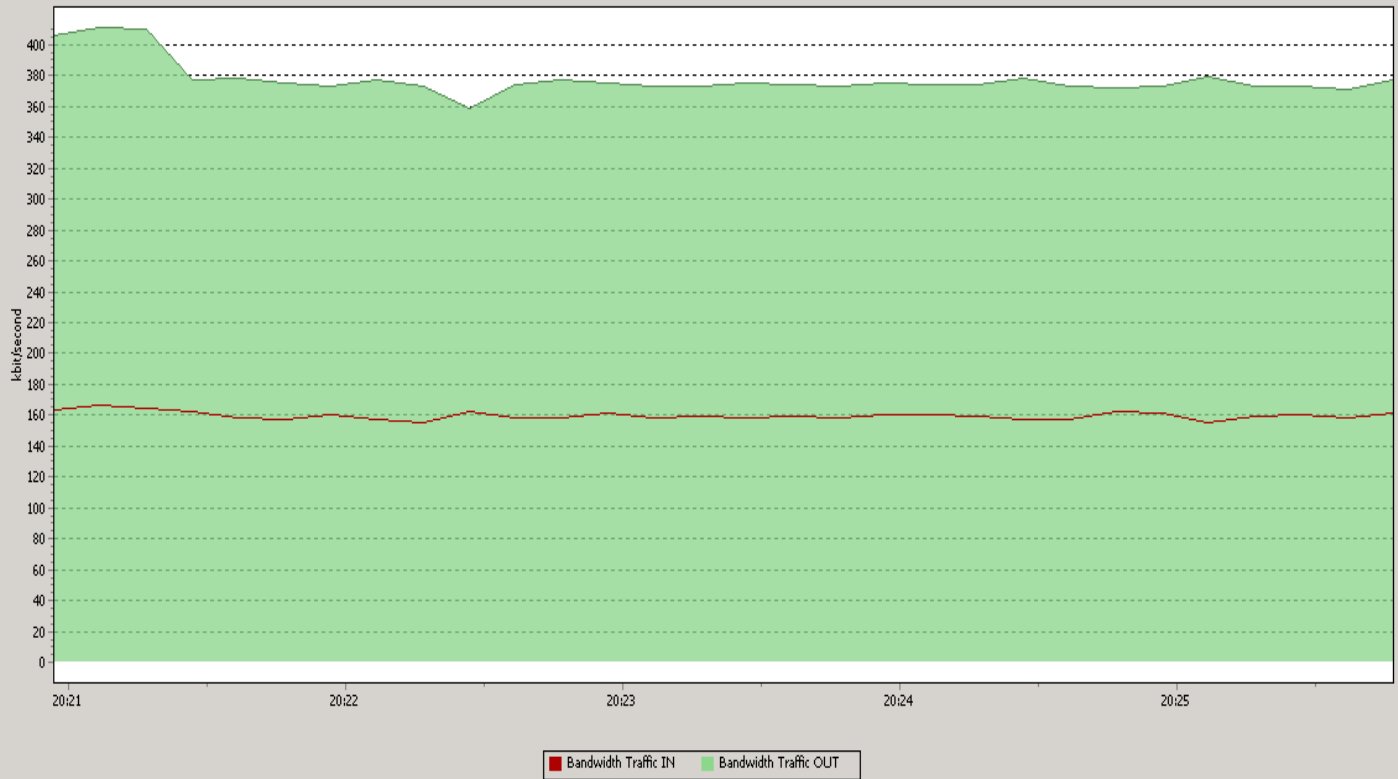
**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-TENI-3680

**Porta kbps**  
384/153

**Plataforma**  
VSAT

Live Graph - 5 Minutes - 10 sec Interval



## 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	13.333000	11.588250	DVB-S2 2		Yes
1	1	0.000000	0.000000	DVB-S2 2		No

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.588296 GHz  
Symbol Rate : 13.332810 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 : 0.25  
SNR : 12.1 dB  
Input Power : -37 dBm

## Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -18 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : max  
EIRP : max  
Default CW Frequency: 14.125500 GHz  
ATM mode : VC-Mux  
Header Compression : UDP/IP/DSM-CC

## Satellite (DVB) Transmitter Status

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State : On (TDMA)  
IDU Output Power : -13.9 dBm  
ODU Output Power : 34.7 dBm  
EIRP : 48.0 dBW  
Es/No : 13.0 dB  
Header Compression : DSM-CC  
Timing correction : 156 us (259336 us)  
Frequency correction: -210 Hz

IP DVB: 10.148.1.234/32

Pinging 10.146.30.1 with 32 bytes of data:

Reply from 10.146.30.1: bytes=32 time=586ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=565ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=617ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=540ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=550ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=571ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=582ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=602ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=525ms TTL=62  
Reply from 10.146.30.1: bytes=32 time=536ms TTL=62

Ping statistics for 10.146.30.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 525ms, Maximum = 617ms, Average = 567ms

