



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Pedro Henrique da R. Bernardes

**Operadora/Cliente:** Efren Mol

**GRE/Prodemge:** Douglas Alvares

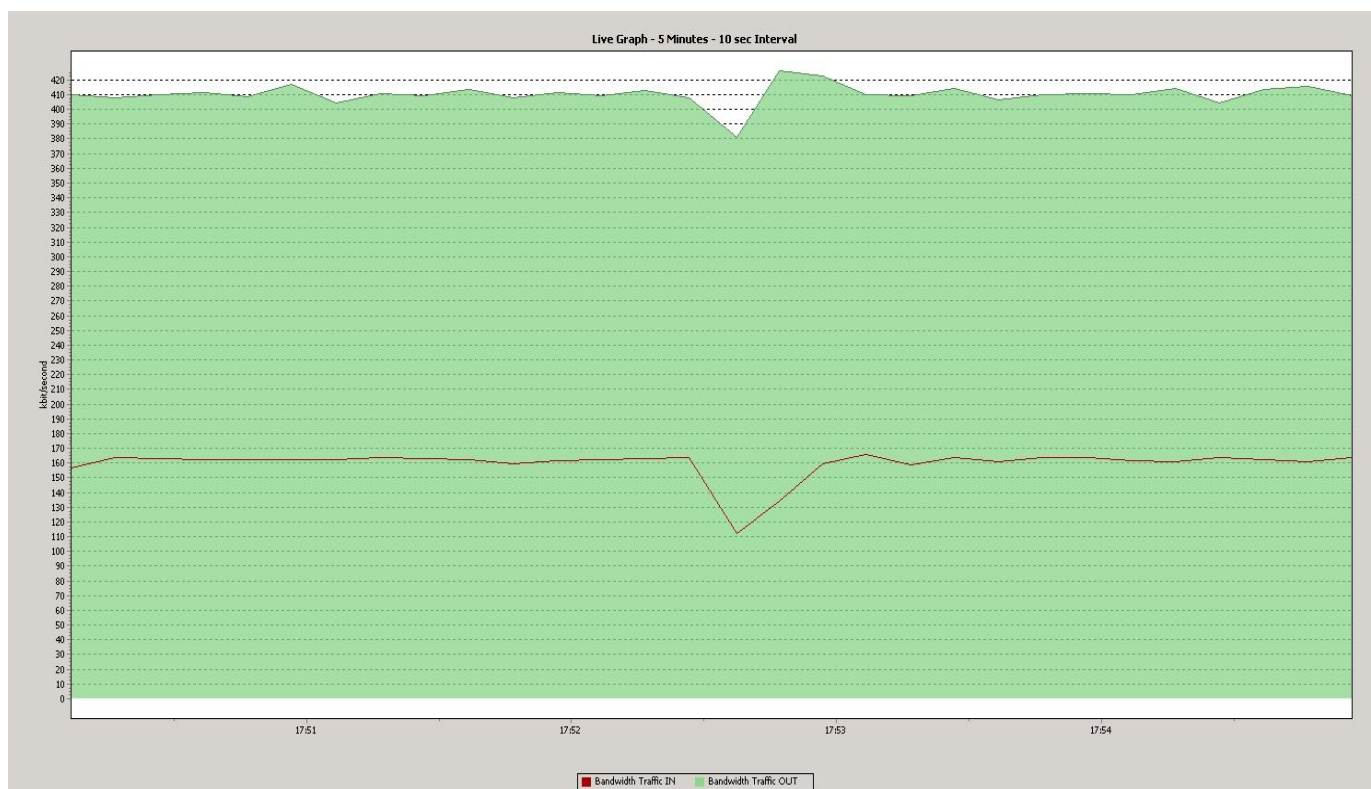
**Responsável/cliente:** Darci Aparecida

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-CAGA-4388

**Porta kbps**  
384/153

**Plataforma**  
VSAT



## Satellite (DVB) RX Configuration

Auto start : Enabled  
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 10.6 dB)  
ACM Latency : On  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	45.000000	11.606250	DVB-S2	2	Yes

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.606611 GHz  
Symbol Rate : 44.999847 Msp/s  
S2 ModCod  
- receiving : 9 QPSK-5/6  
- current max : 10 QPSK-8/9  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.20  
SNR : 9.2 dB  
Input Power : -29 dBm

# Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU output power : -17 dBm  
IDU max output power: 0.0 dBm  
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 : -16.1 dBm  
ODU Output Power : 34.3 dBm  
EIRP : 47.6 dBW  
Es/No : 9.5 dB  
Header Compression : DSM-CC  
Timing correction : -205 us (253827 us)  
Frequency correction: 120 Hz

IP DVB: 10.148.3.232/32

C:\>ping -n 10 10.172.77.1

Pinging 10.172.77.1 with 32 bytes of data:

Reply from 10.172.77.1: bytes=32 time=598ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=609ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=532ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=557ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=568ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=587ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=525ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=636ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=559ms TTL=62  
Reply from 10.172.77.1: bytes=32 time=575ms TTL=62

Ping statistics for 10.172.77.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 525ms, Maximum = 636ms, Average = 574ms