



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Victor Hugo Fonseca

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

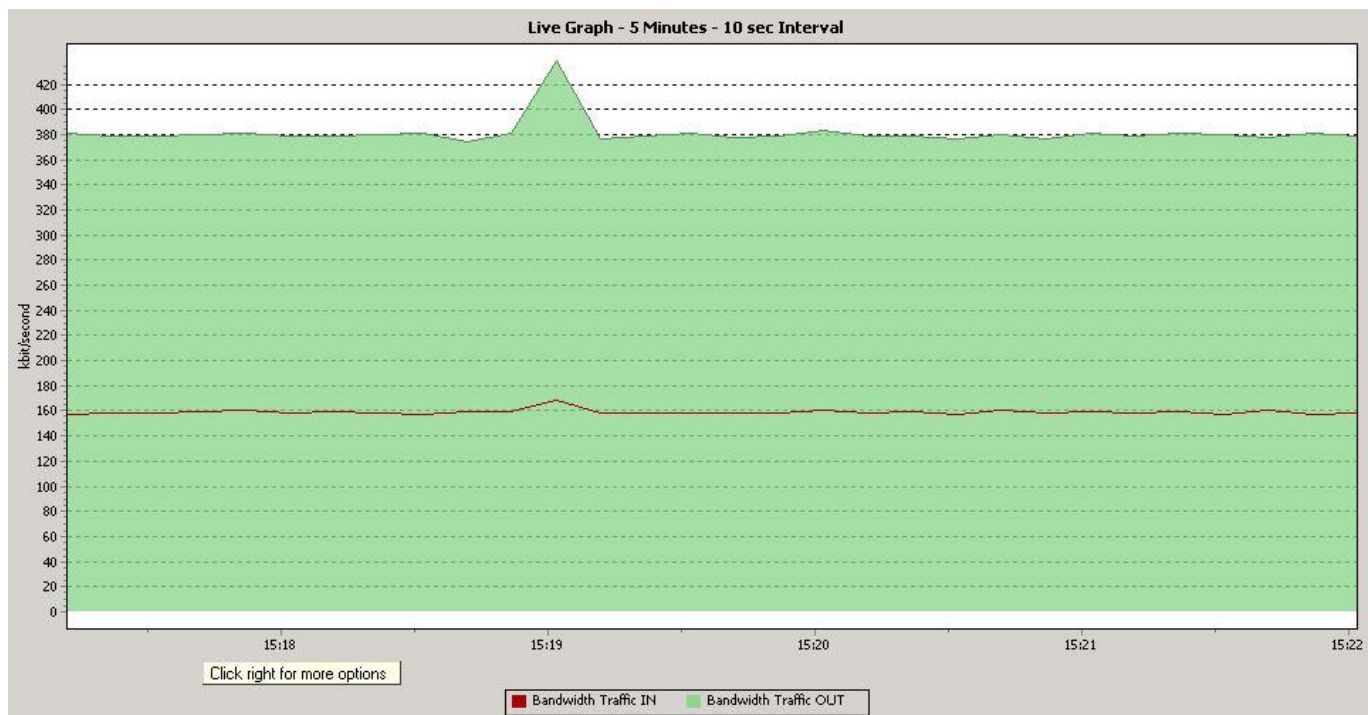
**Responsável/cliente:** Sandra Barbosa

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MACU-3926

**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	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 : 11.588681 GHz  
Symbol Rate : 13.332974 Msp/s  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 15 8PSK-5/6  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 13.7 dB  
Input Power : -26 dBm

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#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU output power     : -23 dBm
IDU max output power : 0.0 dBm
EIRP                 : 46.0 dBW
Default CW Frequency: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -19.8 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -168 us (260110 us)
Frequency correction : -180 Hz

IP DVB 10.148.1.220/32

Pinging 10.146.198.1 with 32 bytes of data:

Reply from 10.146.198.1: bytes=32 time=536ms TTL=62
Reply from 10.146.198.1: bytes=32 time=556ms TTL=62
Reply from 10.146.198.1: bytes=32 time=534ms TTL=62
Reply from 10.146.198.1: bytes=32 time=586ms TTL=62
Reply from 10.146.198.1: bytes=32 time=598ms TTL=62
Reply from 10.146.198.1: bytes=32 time=619ms TTL=62
Reply from 10.146.198.1: bytes=32 time=542ms TTL=62
Reply from 10.146.198.1: bytes=32 time=553ms TTL=62
Reply from 10.146.198.1: bytes=32 time=574ms TTL=62
Reply from 10.146.198.1: bytes=32 time=584ms TTL=62

Ping statistics for 10.146.198.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 534ms, Maximum = 619ms, Average = 568ms
```