



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Leonardo Batista de Araujo Silva

**GRE/Prodemge:** Rafael Alves Ferreira

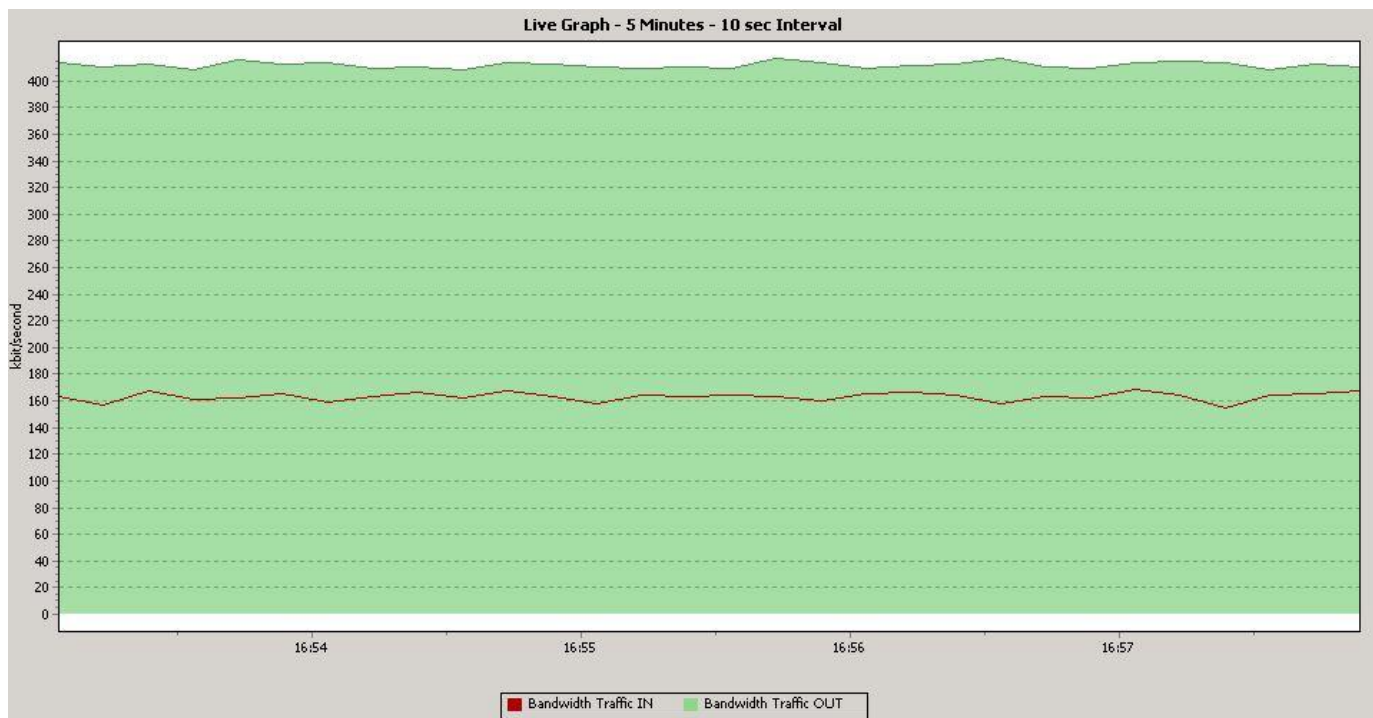
**Responsável/cliente:** Waldilene Barcellos Cunha

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-DOIO-0861

**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[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 : 11.588340 GHz  
Symbol Rate : 13.332816 Mbps  
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 : 13.2 dB  
Input Power : -29 dBm

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#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU output power     : -11 dBm
IDU max output power : 0.0 dBm
EIRP                 : 46.0 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     : -16.6 dBm
ODU Output Power     : 35.8 dBm
EIRP                 : 49.1 dBW
Es/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -159 us (260457 us)
Frequency correction : -120 Hz

IP DVB 10.148.1.20/32

Pinging 10.144.180.1 with 32 bytes of data:

Reply from 10.144.180.1: bytes=32 time=622ms TTL=62
Reply from 10.144.180.1: bytes=32 time=545ms TTL=62
Reply from 10.144.180.1: bytes=32 time=551ms TTL=62
Reply from 10.144.180.1: bytes=32 time=577ms TTL=62
Reply from 10.144.180.1: bytes=32 time=588ms TTL=62
Reply from 10.144.180.1: bytes=32 time=608ms TTL=62
Reply from 10.144.180.1: bytes=32 time=531ms TTL=62
Reply from 10.144.180.1: bytes=32 time=542ms TTL=62
Reply from 10.144.180.1: bytes=32 time=563ms TTL=62
Reply from 10.144.180.1: bytes=32 time=570ms TTL=62

Ping statistics for 10.144.180.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 531ms, Maximum = 622ms, Average = 569ms
```