



# TERMO DE ACEITE TÉCNICO

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

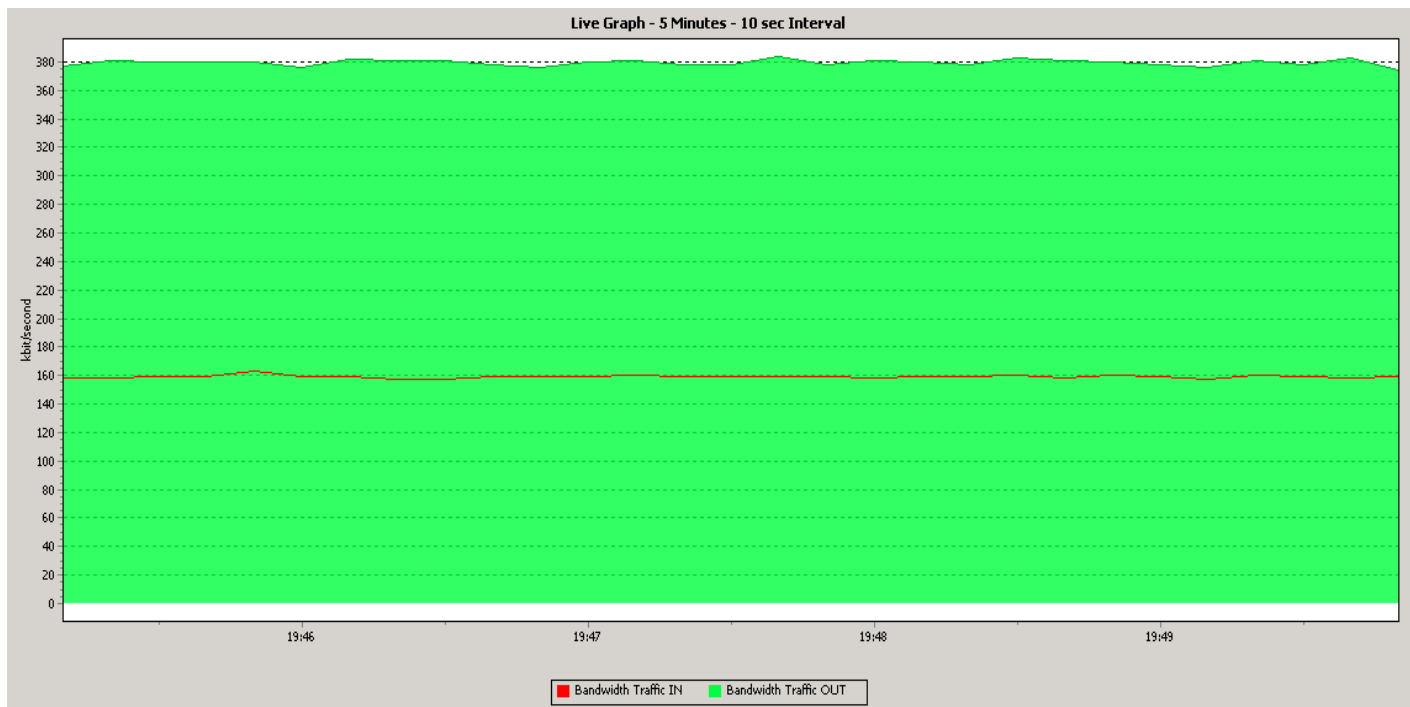
NOC/Operadora: Bruno Resston Moreira

Operadora/Cliente: Airlton Guimarães Sampaio

GRE/Prodemge: Agnaldo de Matos

Responsável/cliente: Gilmar Andrade

Consórcio STM/Vodanet	VSAT-ID SES-ITRA-4012	Porta kbps 384/153	Plataforma VSAT
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## 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 : 11.588602 GHz  
Symbol Rate : 13.333120 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 : 12.6 dB  
Input Power : -32 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -25 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : max  
EIRP : max  
Default CW Frequency: 0.000000 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 : -18.5 dBm  
ODU Output Power : 35.4 dBm  
EIRP : 48.7 dBW  
Es/No : 13.0 dB  
Header Compression : DSM-CC  
Timing correction : -188 us (260512 us)  
Frequency correction: -200 Hz

IP DVB: 10.148.3.95/32

Pinging 10.147.4.1 with 32 bytes of data:

Reply from 10.147.4.1: bytes=32 time=577ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=596ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=519ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=624ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=547ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=563ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=582ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=592ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=609ms TTL=62  
Reply from 10.147.4.1: bytes=32 time=536ms TTL=62

Ping statistics for 10.147.4.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 519ms, Maximum = 624ms, Average = 574ms