

## **TERMO DE ACEITE TÉCNICO**

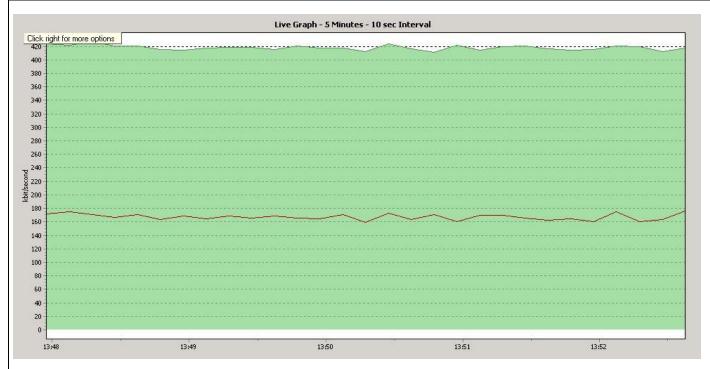
Data: 26/01/2012

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

NOC/Operadora: Jefferson de Souza Marques Operadora/Cliente: Carlos Santos

**GRE/Prodemge:** Bruno Hauck Responsável/cliente: Antonio Celso Neves Mariz

Consórcio Porta kbps Plataforma VSAT-ID STM/Vodanet 384/153 VSAT SES-INBA-0697



Satellite (DVB) RX Configuration

Auto start : Enabled
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 10.6 dB)

: 15 minute RX watchdog

Idx Pri SymbRate[Msps] Freq[GHz] Mode PopId Enable \* 0 0 7.120000 11.583700 DVB-S2 2 Yes 1 1 0.000000 0.000000 DVB-S2 2 No

Satellite (DVB) Receiver Status

Rx State : On

: Forward link up DVB State

: 65281, Prodemge@Vodanet Network

Frequency : 11.583942 GHz : 7.120029 Msps Symbol Rate

S2 ModCod

- receiving : 4 QPSK-1/2 - current max : 15 8PSK-5/6

Pilot : On Pilot
Frame length : Short DVB S2 Mode : ACM : 0.25 Roll off : 14.4 dB SNR Input Power : -36 dBm

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Satellite (DVB) TX Configuration
______
                  : Enabled
Auto start
IDU Output Power : -17 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.2 dBm
                   : 46.5 dBW
EIRP
Default CW Frequency: 0.000000 GHz
ATM mode
                   : VC-Mux
Header Compression : UDP/IP/DSM-CC
Satellite (DVB) Transmitter Status
______
                  : On (TDMA)
State
IDU Output Power : -15.2 dBm
ODU Output Power : 33.3 dBm
EIRP
                   : 46.6 dBW
Es/No
                   : 14.5 dB
Header Compression : DSM-CC
Timing correction : -300 us (271466 us)
Frequency correction: -60 Hz
IP DVB 10.148.0.40/32
Pinging 10.144.52.1 with 32 bytes of data:
Reply from 10.144.52.1: bytes=32 time=557ms TTL=62
Reply from 10.144.52.1: bytes=32 time=568ms TTL=62
Reply from 10.144.52.1: bytes=32 time=589ms TTL=62
Reply from 10.144.52.1: bytes=32 time=568ms TTL=62
Reply from 10.144.52.1: bytes=32 time=620ms TTL=62
Reply from 10.144.52.1: bytes=32 time=542ms TTL=62
Reply from 10.144.52.1: bytes=32 time=586ms TTL=62
Reply from 10.144.52.1: bytes=32 time=573ms TTL=62
Reply from 10.144.52.1: bytes=32 time=584ms TTL=62
Reply from 10.144.52.1: bytes=32 time=541ms TTL=62
Ping statistics for 10.144.52.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 541ms, Maximum = 620ms, Average = 572ms
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