



# TERMO DE ACEITE TÉCNICO

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

Data: 24/04/2012

NOC/Operadora: Bruno Resston Moreira

Operadora/Cliente: Marcos Paulo

GRE/Prodemge: Bruno Hauck

Responsável/cliente: Danilo Vieira Lima

Consórcio  
STM/Vodanet

VSAT-ID  
SES-DIIS-0956

Porta kbps  
384/153

Plataforma  
VSAT

Live Graph - 5 Minutes - 10 sec Interval



Bandwidth Traffic IN Bandwidth Traffic OUT

## 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	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  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.583744 GHz  
Symbol Rate : 7.119923 Msps  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 15 8PSK-5/6  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 14.6 dB  
Input Power : -36 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -17 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 : -14.2 dBm  
ODU Output Power : 34.3 dBm  
EIRP : 47.6 dBW  
Es/No : 14.0 dB  
Header Compression : DSM-CC  
Timing correction : -424 us (269455 us)  
Frequency correction: -300 Hz

IP DVB: 10.148.0.164/32

Pinging 10.145.9.1 with 32 bytes of data:

Reply from 10.145.9.1: bytes=32 time=554ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=533ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=585ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=597ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=553ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=627ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=551ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=572ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=582ms TTL=62  
Reply from 10.145.9.1: bytes=32 time=602ms TTL=62

Ping statistics for 10.145.9.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 533ms, Maximum = 627ms, Average = 575ms

