



# TERMO DE ACEITE TÉCNICO

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

**Data:** 26/01/2012

**NOC/Operadora:** Jefferson de Souza Marques

**Operadora/Cliente:** Carlos Santos

**GRE/Prodemge:** Bruno Hauck

**Responsável/cliente:** Antonio Celso Neves Mariz

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-INBA-0697

**Porta kbps**  
384/153

**Plataforma**  
VSAT



```
#
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           : 11.583942 GHz
Symbol Rate         : 7.120029 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                 : 14.4 dB
Input Power         : -36 dBm
```

#

# Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -17 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 33.2 dBm  
EIRP : 46.5 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 : -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