![prodemge]	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 22/03/2012
NOC/Operadora: Renan Borges Sousa		**Operadora/Cliente:** Wellington Ferreira de Souza
GRE/Prodemge: Carlos Alberto Silva		**Responsável/cliente:** Juliana Couto Lima

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-LUUZ-0909	384/153	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[Msps] Freq[GHz]   Mode    PopId     Enable
* 0   0       7.120000      11.583700   DVB-S2 2            Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.584067 GHz
Symbol Rate          : 7.120012 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                  : 14.1 dB
Input Power          : -32 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -21 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      : -19.3 dBm
ODU Output Power      : 33.1 dBm
EIRP                  : 46.4 dBW
Es/No                 : 13.0 dB
Header Compression    :  DSM-CC
Timing correction     : -262 us (272273 us)
Frequency correction: 160 Hz


IP DVB 10.148.0.148/32


Pinging 10.144.225.1 with 32 bytes of data:

Reply from 10.144.225.1: bytes=32 time=540ms TTL=62
Reply from 10.144.225.1: bytes=32 time=614ms TTL=62
Reply from 10.144.225.1: bytes=32 time=566ms TTL=62
Reply from 10.144.225.1: bytes=32 time=625ms TTL=62
Reply from 10.144.225.1: bytes=32 time=532ms TTL=62
Reply from 10.144.225.1: bytes=32 time=544ms TTL=62
Reply from 10.144.225.1: bytes=32 time=551ms TTL=62
Reply from 10.144.225.1: bytes=32 time=556ms TTL=62
Reply from 10.144.225.1: bytes=32 time=579ms TTL=62
Reply from 10.144.225.1: bytes=32 time=582ms TTL=62

Ping statistics for 10.144.225.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 532ms, Maximum = 625ms, Average = 568ms
```