TERMO DE ACEITE TÉCNICO

prodemge

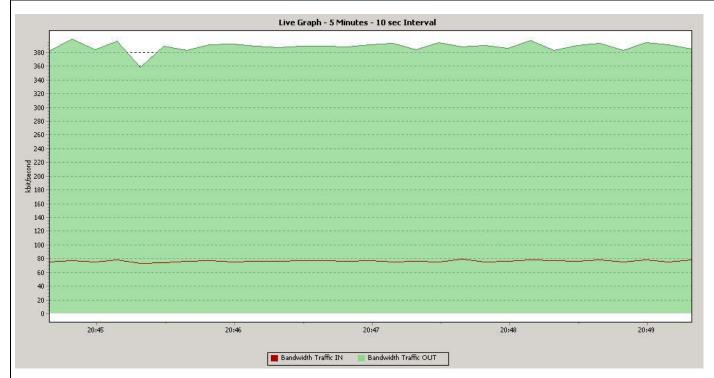|	
Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 06/03/2012
NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Dhiony Miranda Rodrigues
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Fernanda de Oliveira Lucas

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-TAAS-0881	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           : 11.584015 GHz
Symbol Rate         : 7.119962 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                 : 13.9 dB
Input Power         : -33 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 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     : -17.5 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.1 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -268 us (269960 us)
Frequency correction: 80 Hz

IP DVB 10.148.0.123/32

Pinging 10.144.197.1 with 32 bytes of data:

Reply from 10.144.197.1: bytes=32 time=574ms TTL=62
Reply from 10.144.197.1: bytes=32 time=871ms TTL=62
Reply from 10.144.197.1: bytes=32 time=609ms TTL=62
Reply from 10.144.197.1: bytes=32 time=544ms TTL=62
Reply from 10.144.197.1: bytes=32 time=586ms TTL=62
Reply from 10.144.197.1: bytes=32 time=616ms TTL=62
Reply from 10.144.197.1: bytes=32 time=592ms TTL=62
Reply from 10.144.197.1: bytes=32 time=616ms TTL=62
Reply from 10.144.197.1: bytes=32 time=540ms TTL=62
Reply from 10.144.197.1: bytes=32 time=640ms TTL=62

Ping statistics for 10.144.197.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 540ms, Maximum = 871ms, Average = 618ms
```