prodemge

TERMO DE ACEITE TÉCNICO

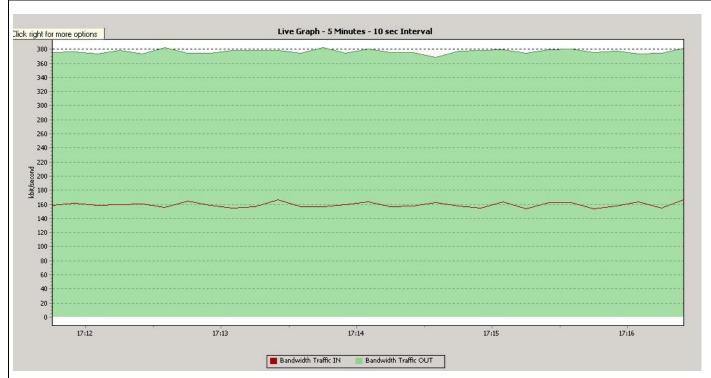| **Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais			**Data:** 13/01/2012
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Fabrício Campolina	
GRE/Prodemge: Marlú da Silva Santos		**Responsável/cliente:** Stefania Carvalho Pessoa	
Consórcio STM/Vodanet	**VSAT-ID** SES-NANO-0733	**Porta kbps** 384/153	**Plataforma** VSAT


```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start        : Enabled
Max MODCOD        : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency       : On
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         : 11.583553 GHz
Symbol Rate       : 7.120007 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               : 15.2 dB
Input Power       : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -17.1 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 15.0 dB
Header Compression   :  DSM-CC
Timing correction    : -503 us (272169 us)
Frequency correction : 80 Hz

IP DVB: 10.148.0.70/32

Pinging 10.144.67.1 with 32 bytes of data:
Reply from 10.144.67.1: bytes=32 time=567ms TTL=62
Reply from 10.144.67.1: bytes=32 time=586ms TTL=62
Reply from 10.144.67.1: bytes=32 time=556ms TTL=62
Reply from 10.144.67.1: bytes=32 time=617ms TTL=62
Reply from 10.144.67.1: bytes=32 time=619ms TTL=62
Reply from 10.144.67.1: bytes=32 time=576ms TTL=62
Reply from 10.144.67.1: bytes=32 time=567ms TTL=62
Reply from 10.144.67.1: bytes=32 time=573ms TTL=62
Reply from 10.144.67.1: bytes=32 time=598ms TTL=62
Reply from 10.144.67.1: bytes=32 time=609ms TTL=62
Ping statistics for 10.144.67.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 556ms, Maximum = 619ms, Average = 586ms
```