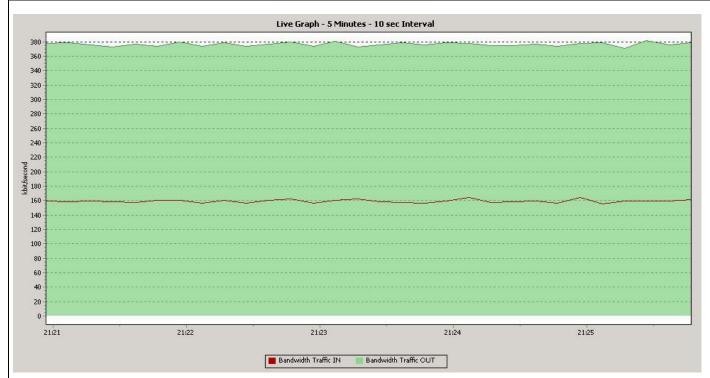# prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Manoel Martins de Oliveira
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Polyana Tomazini

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-OUTO-4050	384/153	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    13.333000      11.588250  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             : 11.588740 GHz
Symbol Rate           : 13.332941 Msps
S2 ModCod
      - receiving     : 4   QPSK-1/2
      - current max   : 15   8PSK-5/6
Pilot                 : On
Frame length          : Short frame
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 12.4 dB
Input Power           : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU output power     : -23 dBm
IDU max output power: 0.0 dBm
EIRP                 : 46.0 dBW
Default CW Frequency: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
-------------------------------
State                : On (TDMA)
IDU Output Power     : -19.6 dBm
ODU Output Power     : 32.2 dBm
EIRP                 : 45.5 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : 203 us (260782 us)
Frequency correction: -150 Hz

IP DVB 10.148.2.97/32

Pinging 10.147.33.1 with 32 bytes of data:

Reply from 10.147.33.1: bytes=32 time=600ms TTL=62
Reply from 10.147.33.1: bytes=32 time=612ms TTL=62
Reply from 10.147.33.1: bytes=32 time=563ms TTL=62
Reply from 10.147.33.1: bytes=32 time=555ms TTL=62
Reply from 10.147.33.1: bytes=32 time=566ms TTL=62
Reply from 10.147.33.1: bytes=32 time=586ms TTL=62
Reply from 10.147.33.1: bytes=32 time=597ms TTL=62
Reply from 10.147.33.1: bytes=32 time=617ms TTL=62
Reply from 10.147.33.1: bytes=32 time=540ms TTL=62
Reply from 10.147.33.1: bytes=32 time=550ms TTL=62

Ping statistics for 10.147.33.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 540ms, Maximum = 617ms, Average = 578ms
```