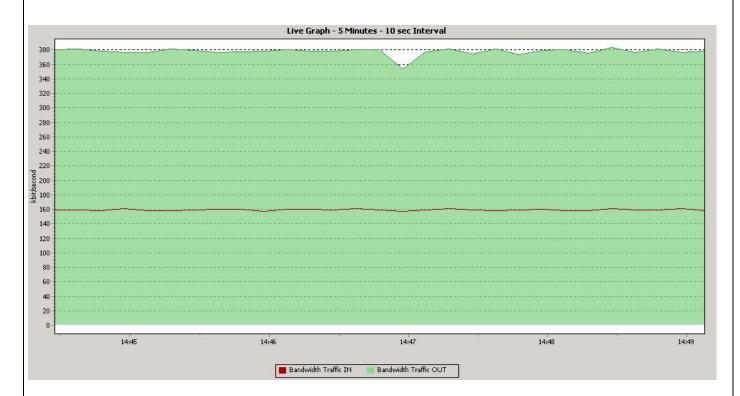| prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares Campolina
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Letícia Moreira Satori

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-GRRA-0902	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          Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.587984 GHz
Symbol Rate         : 13.332892 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                 : 13.7 dB
Input Power         : -32 dBm
# #
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -30 dBm
IDU max output power: 0.0 dBm
EIRP                 : max
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     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -175 us (262112 us)
Frequency correction: -110 Hz


IP DVB 10.148.1.166/32


Pinging 10.144.218.1 with 32 bytes of data:

Reply from 10.144.218.1: bytes=32 time=564ms TTL=62
Reply from 10.144.218.1: bytes=32 time=575ms TTL=62
Reply from 10.144.218.1: bytes=32 time=596ms TTL=62
Reply from 10.144.218.1: bytes=32 time=607ms TTL=62
Reply from 10.144.218.1: bytes=32 time=564ms TTL=62
Reply from 10.144.218.1: bytes=32 time=552ms TTL=62
Reply from 10.144.218.1: bytes=32 time=563ms TTL=62
Reply from 10.144.218.1: bytes=32 time=583ms TTL=62
Reply from 10.144.218.1: bytes=32 time=561ms TTL=62
Reply from 10.144.218.1: bytes=32 time=613ms TTL=62

Ping statistics for 10.144.218.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 552ms, Maximum = 613ms, Average = 577ms
```