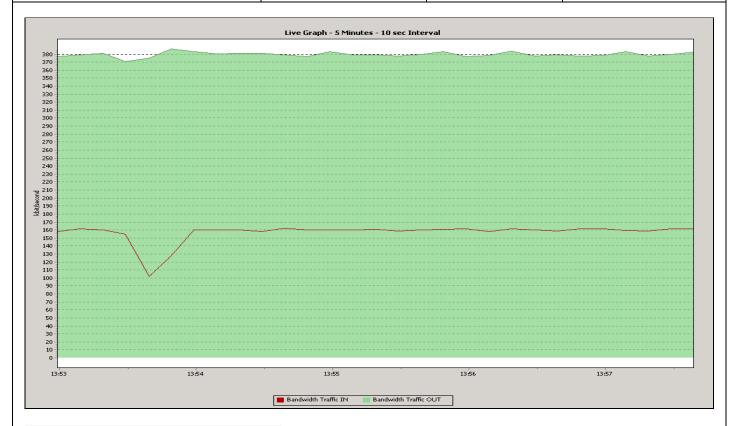| ![prodemge]	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente: Rogério Gonçalves**
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Poliana Silva

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SEAS-6713	384/153	VSAT


```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : max
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    : -17.8 dBm
ODU Output Power    : 34.5 dBm
EIRP                : 47.8 dBW
Es/No               : 10.5 dB
Header Compression  :  DSM-CC
Timing correction   : -22 us (252118 us)
Frequency correction: -320 Hz
```

```
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     45.000000       11.606250  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            : 11.606854 GHz
Symbol Rate          : 45.000258 Msps
S2 ModCod
       - receiving   : 4    QPSK-1/2
       - current max : 14   8PSK-3/4
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.20
SNR                  : 11.5 dB
Input Power          : -22 dBm


IP DVB 10.148.7.12


Pinging 10.174.227.1 with 32 bytes of data:

Reply from 10.174.227.1: bytes=32 time=550ms TTL=62
Reply from 10.174.227.1: bytes=32 time=521ms TTL=62
Reply from 10.174.227.1: bytes=32 time=565ms TTL=62
Reply from 10.174.227.1: bytes=32 time=567ms TTL=62
Reply from 10.174.227.1: bytes=32 time=580ms TTL=62
Reply from 10.174.227.1: bytes=32 time=550ms TTL=62
Reply from 10.174.227.1: bytes=32 time=594ms TTL=62
Reply from 10.174.227.1: bytes=32 time=596ms TTL=62
Reply from 10.174.227.1: bytes=32 time=546ms TTL=62
Reply from 10.174.227.1: bytes=32 time=524ms TTL=62


Ping statistics for 10.174.227.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 521ms, Maximum = 596ms, Average = 559ms
```