prodemge
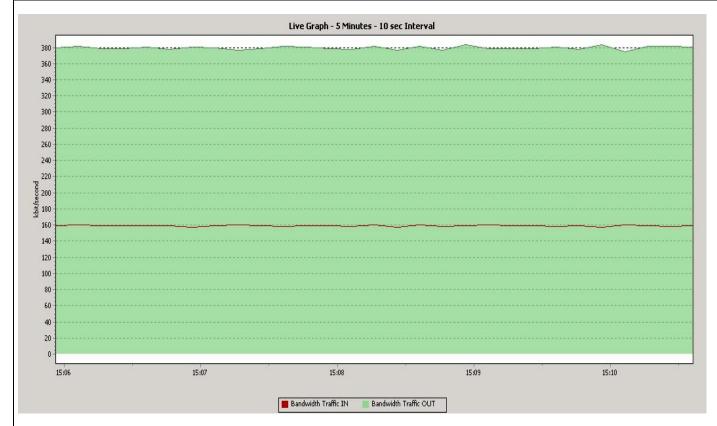
TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Jair de Oliveira
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Maria Lucia da Silva

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SAEI-5510	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
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

Satellite (DVB) Receiver Status
--------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.606526 GHz
Symbol Rate        : 44.999558 Msps
S2 ModCod
       - receiving : 4   QPSK-1/2
       - current max : 10   QPSK-8/9
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.20
SNR                : 9.2 dB
Input Power        : -24 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -21 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    : -17.7 dBm
ODU Output Power    : 33.3 dBm
EIRP                : 46.6 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 60 us (252522 us)
Frequency correction: 50 Hz


IP DVB: 10.148.3.171/32


 C:\ping -n 10 10.173.99.1

 Pinging 10.173.99.1 with 32 bytes of data:

 Reply from 10.173.99.1: bytes=32 time=538ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=582ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=568ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=679ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=599ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=522ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=529ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=553ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=556ms TTL=62
 Reply from 10.173.99.1: bytes=32 time=585ms TTL=62

 Ping statistics for 10.173.99.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 522ms, Maximum = 679ms, Average = 571ms
```