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

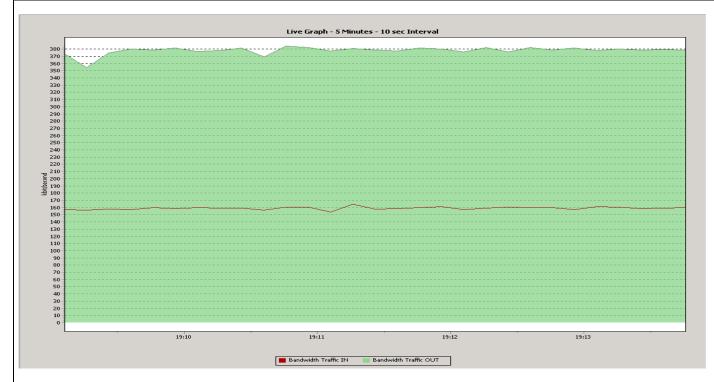**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Fábio Passone
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Josiane Moura

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-CAIA-4435	384/153	VSAT


```
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         : 11.606581 GHz
Symbol Rate       : 45.000276 Msps
S2 ModCod
     - receiving  : 4   QPSK-1/2
     - current max : 9   QPSK-5/6
Pilot             : On
Frame length      : Short
DVB S2 Mode       : ACM
Roll off          : 0.20
SNR               : 8.3 dB
Input Power       : -22 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -30 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      : -15.7 dBm
ODU Output Power      : 35.1 dBm
EIRP                  : 48.4 dBW
Es/No                 : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 109 us (253725 us)
Frequency correction: 140 Hz



IP DVB: 10.148.3.229/32



Pinging 10.172.115.1 with 32 bytes of data:

Reply from 10.172.115.1: bytes=32 time=554ms TTL=62
Reply from 10.172.115.1: bytes=32 time=557ms TTL=62
Reply from 10.172.115.1: bytes=32 time=614ms TTL=62
Reply from 10.172.115.1: bytes=32 time=669ms TTL=62
Reply from 10.172.115.1: bytes=32 time=545ms TTL=62
Reply from 10.172.115.1: bytes=32 time=549ms TTL=62
Reply from 10.172.115.1: bytes=32 time=577ms TTL=62
Reply from 10.172.115.1: bytes=32 time=569ms TTL=62
Reply from 10.172.115.1: bytes=32 time=713ms TTL=62
Reply from 10.172.115.1: bytes=32 time=531ms TTL=62

Ping statistics for 10.172.115.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 713ms, Average = 587ms
```