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

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Marco Antonio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Henrique Ramos

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-JEHA-5593	384/153	VSAT
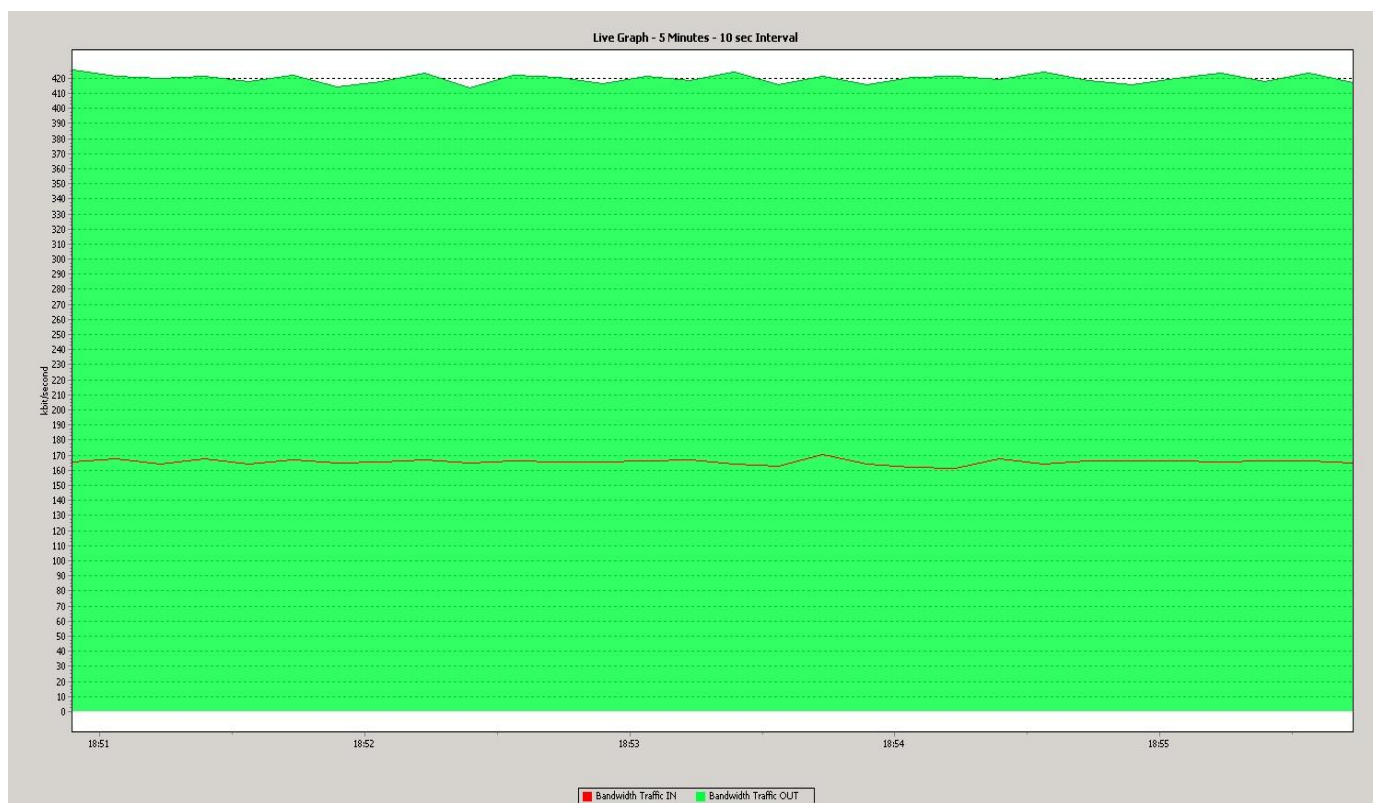

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId    Enable
* 0   0    45.000000      11.606250  DVB-S2 2          Yes
  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           : 11.606632 GHz
Symbol Rate         : 45.000141 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                 : 8.2 dB
Input Power         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Disabled
IDU Output Power     : -10 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 dBW
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     : -25.5 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 dBW
Es/No                : 5.5 dB
Header Compression   :  DSM-CC
Timing correction    : 130 us (250137 us)
Frequency correction: 200 Hz


IP DVB: 10.148.4.161/32


 C:\>ping -n 10 10.173.142.1

 Pinging 10.173.142.1 with 32 bytes of data:

 Reply from 10.173.142.1: bytes=32 time=521ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=633ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=556ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=676ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=599ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=523ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=630ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=554ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=658ms TTL=62
 Reply from 10.173.142.1: bytes=32 time=585ms TTL=62

 Ping statistics for 10.173.142.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 521ms, Maximum = 676ms, Average = 593ms
```