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

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Dhiony Miranda
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Adelice Maria

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-NIRA-4608	384/153	VSAT
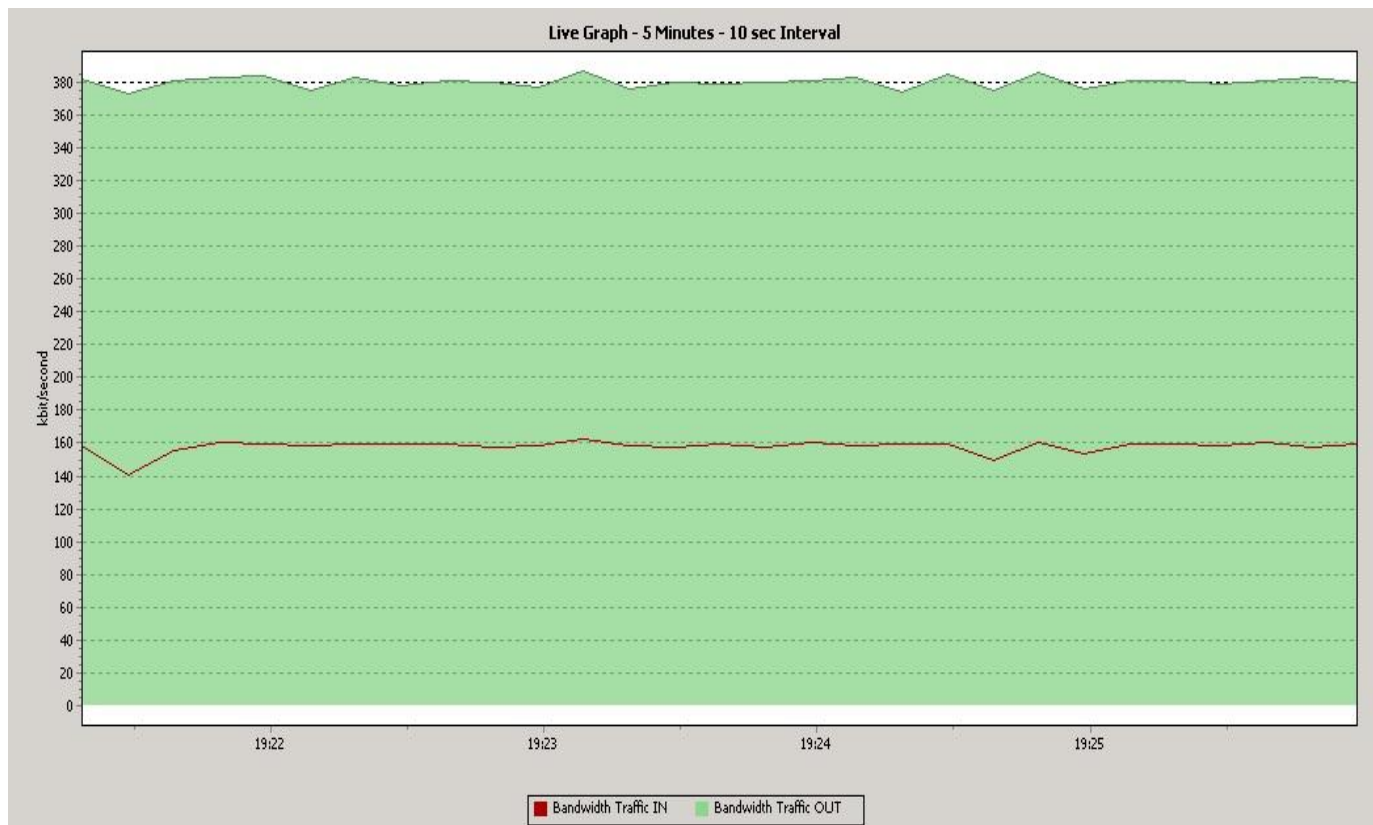

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.606601 GHz
Symbol Rate         : 44.998703 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                 : 9.3 dB
Input Power         : -27 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 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    : -11.8 dBm
ODU Output Power    : 33.5 dBm
EIRP                : 46.8 dBW
Es/No               : 9.0 dB
Header Compression  :  DSM-CC
Timing correction   : 51 us (250205 us)
Frequency correction: 160 Hz


IP DVB: 10.148.4.82/32


 C:\>ping -n 10 10.173.30.1

 Pinging 10.173.30.1 with 32 bytes of data:

 Reply from 10.173.30.1: bytes=32 time=551ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=535ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=581ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=592ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=552ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=537ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=548ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=568ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=579ms TTL=62
 Reply from 10.173.30.1: bytes=32 time=598ms TTL=62

 Ping statistics for 10.173.30.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 535ms, Maximum = 598ms, Average = 564ms
```