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

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Arnaldo Kleon Almeida
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Dale Martins Souza

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITBA-3506	384/153	VSAT
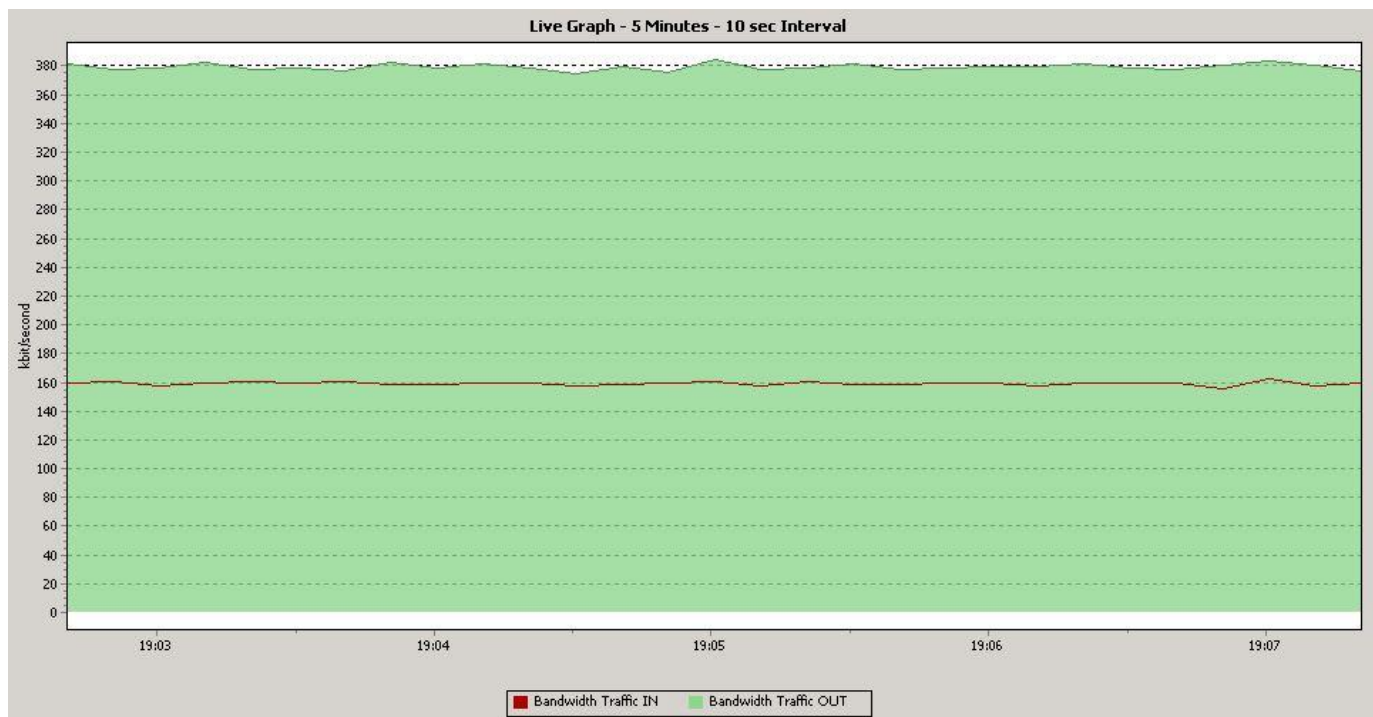

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId    Enable
* 0  0    13.333000      11.588250  DVB-S2 2          Yes
  1  1     0.000000       0.000000  DVB-S2 2          No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588232 GHz
Symbol Rate         : 13.332828 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.1 dB
Input Power         : -26 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -18.3 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 48.4 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : -20 us (263025 us)
Frequency correction: 10 Hz

DVB 10.148.3.139/32

Pinging 10.145.133.1 with 32 bytes of data:

Reply from 10.145.133.1: bytes=32 time=590ms TTL=62
Reply from 10.145.133.1: bytes=32 time=606ms TTL=62
Reply from 10.145.133.1: bytes=32 time=621ms TTL=62
Reply from 10.145.133.1: bytes=32 time=544ms TTL=62
Reply from 10.145.133.1: bytes=32 time=561ms TTL=62
Reply from 10.145.133.1: bytes=32 time=576ms TTL=62
Reply from 10.145.133.1: bytes=32 time=529ms TTL=62
Reply from 10.145.133.1: bytes=32 time=607ms TTL=62
Reply from 10.145.133.1: bytes=32 time=530ms TTL=62
Reply from 10.145.133.1: bytes=32 time=546ms TTL=62

Ping statistics for 10.145.133.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 529ms, Maximum = 621ms, Average = 571ms
```