	TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais | **Data:** 24/05/2012

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares Campolina
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Mônica Aparecida da Silva Pariz

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITGI-3333	384/153	VSAT
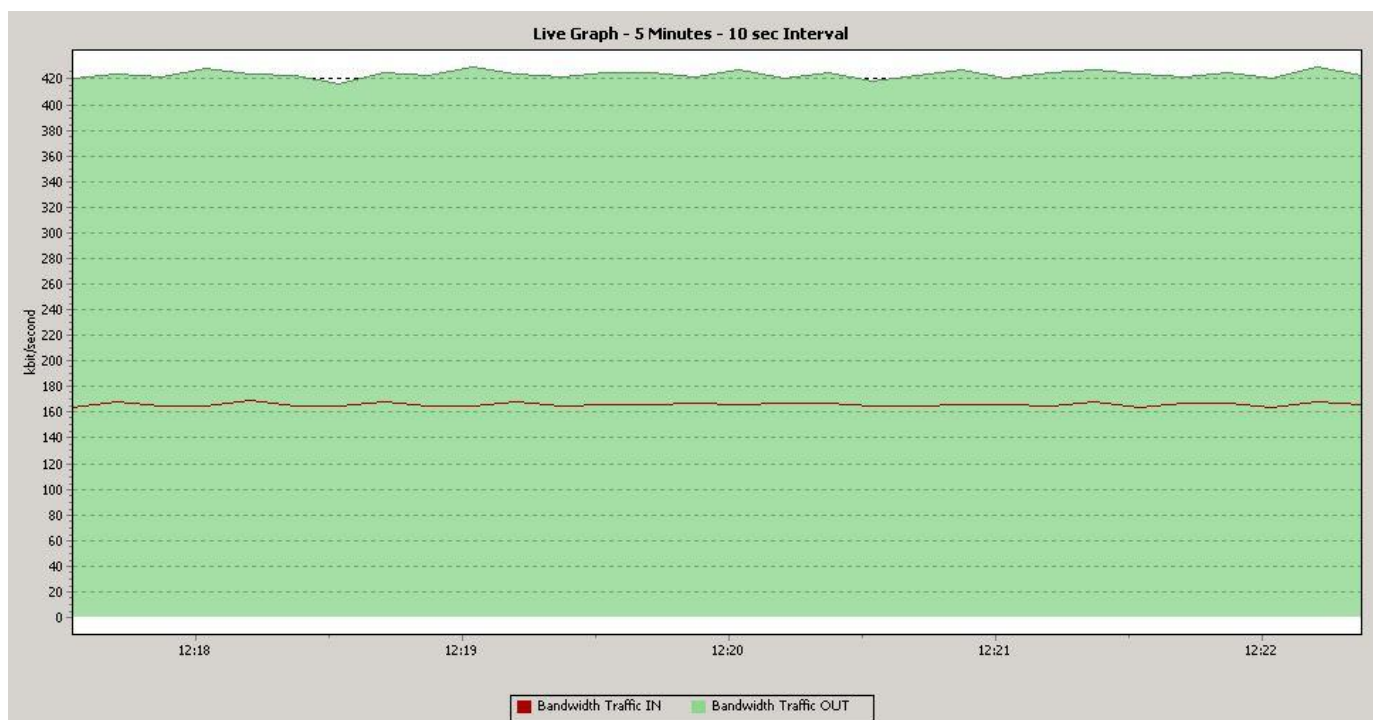

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId    Enable
* 0  0     7.120000       11.583700  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           : 11.583899 GHz
Symbol Rate         : 7.120012 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                 : 17.0 dB
Input Power         : -33 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -22 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     : -17.1 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 47.8 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -451 us (273178 us)
Frequency correction: -380 Hz

IP DVB 10.145.56.1/32

Pinging 10.145.56.1 with 32 bytes of data:

Reply from 10.145.56.1: bytes=32 time=554ms TTL=62
Reply from 10.145.56.1: bytes=32 time=575ms TTL=62
Reply from 10.145.56.1: bytes=32 time=553ms TTL=62
Reply from 10.145.56.1: bytes=32 time=606ms TTL=62
Reply from 10.145.56.1: bytes=32 time=617ms TTL=62
Reply from 10.145.56.1: bytes=32 time=573ms TTL=62
Reply from 10.145.56.1: bytes=32 time=560ms TTL=62
Reply from 10.145.56.1: bytes=32 time=570ms TTL=62
Reply from 10.145.56.1: bytes=32 time=590ms TTL=62
Reply from 10.145.56.1: bytes=32 time=601ms TTL=62

Ping statistics for 10.145.56.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 553ms, Maximum = 617ms, Average = 579ms
```