prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** André da Silva Bráz
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Tânia Valeriano da Silva Diniz

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BAIS-3737	384/153	VSAT
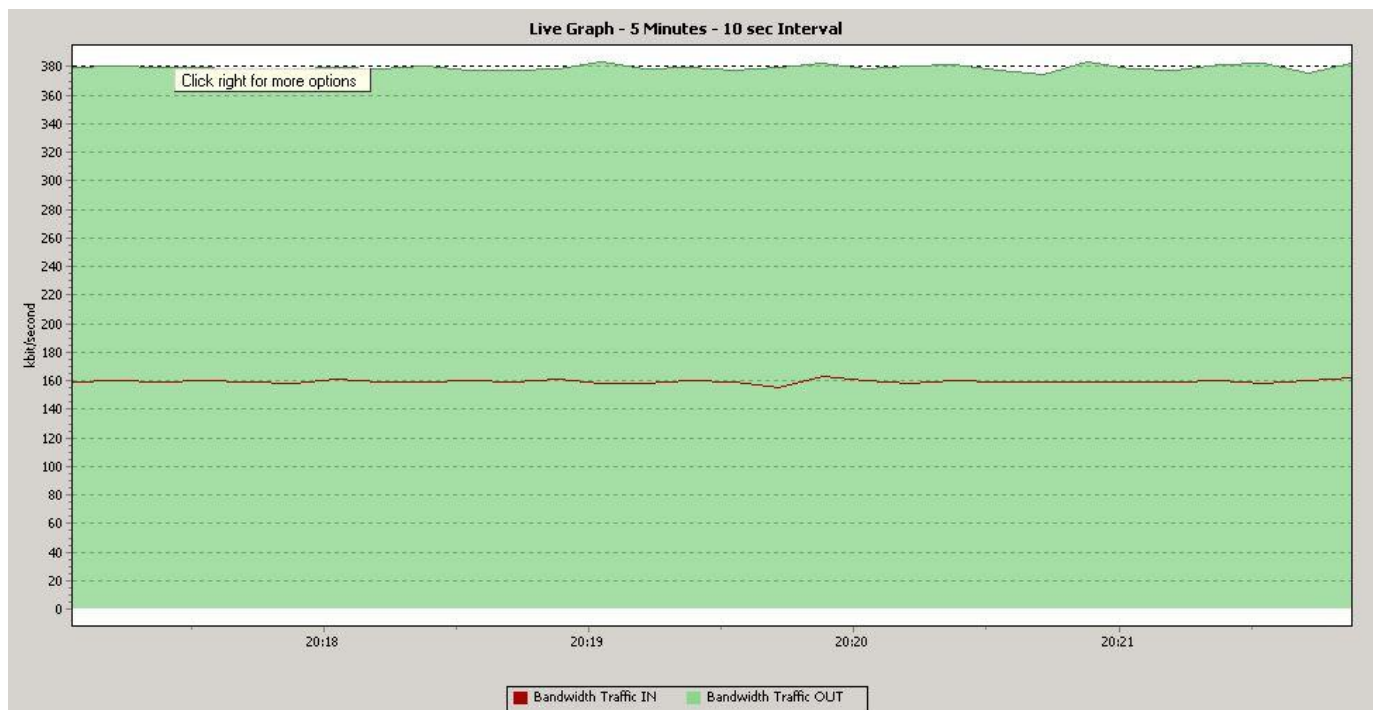

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.588526 GHz
Symbol Rate         : 13.333085 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.3 dB
Input Power         : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU output power     : -11 dBm
IDU max output power: 0.0 dBm
EIRP                 : 46.0 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     : -22.1 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 37 us (260616 us)
Frequency correction: -70 Hz

IP DVB 10.148.1.67/32

Pinging 10.146.18.1 with 32 bytes of data:

Reply from 10.146.18.1: bytes=32 time=539ms TTL=62
Reply from 10.146.18.1: bytes=32 time=549ms TTL=62
Reply from 10.146.18.1: bytes=32 time=569ms TTL=62
Reply from 10.146.18.1: bytes=32 time=580ms TTL=62
Reply from 10.146.18.1: bytes=32 time=600ms TTL=62
Reply from 10.146.18.1: bytes=32 time=611ms TTL=62
Reply from 10.146.18.1: bytes=32 time=534ms TTL=62
Reply from 10.146.18.1: bytes=32 time=554ms TTL=62
Reply from 10.146.18.1: bytes=32 time=565ms TTL=62
Reply from 10.146.18.1: bytes=32 time=585ms TTL=62

Ping statistics for 10.146.18.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 534ms, Maximum = 611ms, Average = 568ms
```