	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente: Fabio Fernades**
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Helena de Souza

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PAIS-6194	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
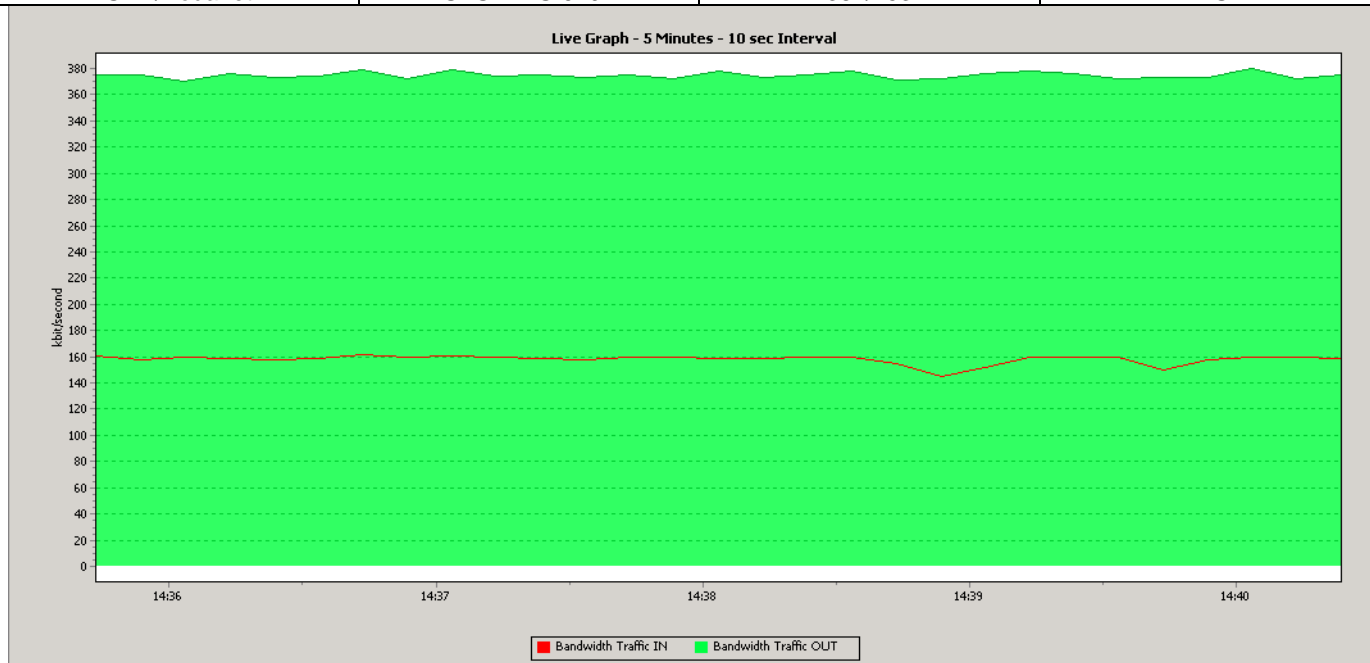
```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : max
EIRP                : max
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -14.9 dBm
ODU Output Power    : 34.0 dBm
EIRP                : 47.3 dBW
Es/No               : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : 21 us (253539 us)
Frequency correction: -160 Hz
```

```
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 3        Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.605615 GHz
Symbol Rate         : 44.999379 Msps
S2 ModCod
        - receiving  : 4   QPSK-1/2
        - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 11.9 dB
Input Power         : -27 dBm


IP DVB 10.148.6.175/32


Pinging 10.176.0.1 with 32 bytes of data:

Reply from 10.176.0.1: bytes=32 time=1690ms TTL=62
Reply from 10.176.0.1: bytes=32 time=549ms TTL=62
Reply from 10.176.0.1: bytes=32 time=552ms TTL=62
Reply from 10.176.0.1: bytes=32 time=565ms TTL=62
Reply from 10.176.0.1: bytes=32 time=598ms TTL=62
Reply from 10.176.0.1: bytes=32 time=579ms TTL=62
Reply from 10.176.0.1: bytes=32 time=587ms TTL=62
Reply from 10.176.0.1: bytes=32 time=527ms TTL=62
Reply from 10.176.0.1: bytes=32 time=601ms TTL=62
Reply from 10.176.0.1: bytes=32 time=607ms TTL=62


Ping statistics for 10.176.0.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 527ms, Maximum = 1690ms, Average = 685ms
```