	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Albo Borges Vieira	**Operadora/Cliente:** Sandro Dias
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Vilania Cristina

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITCU-6244	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
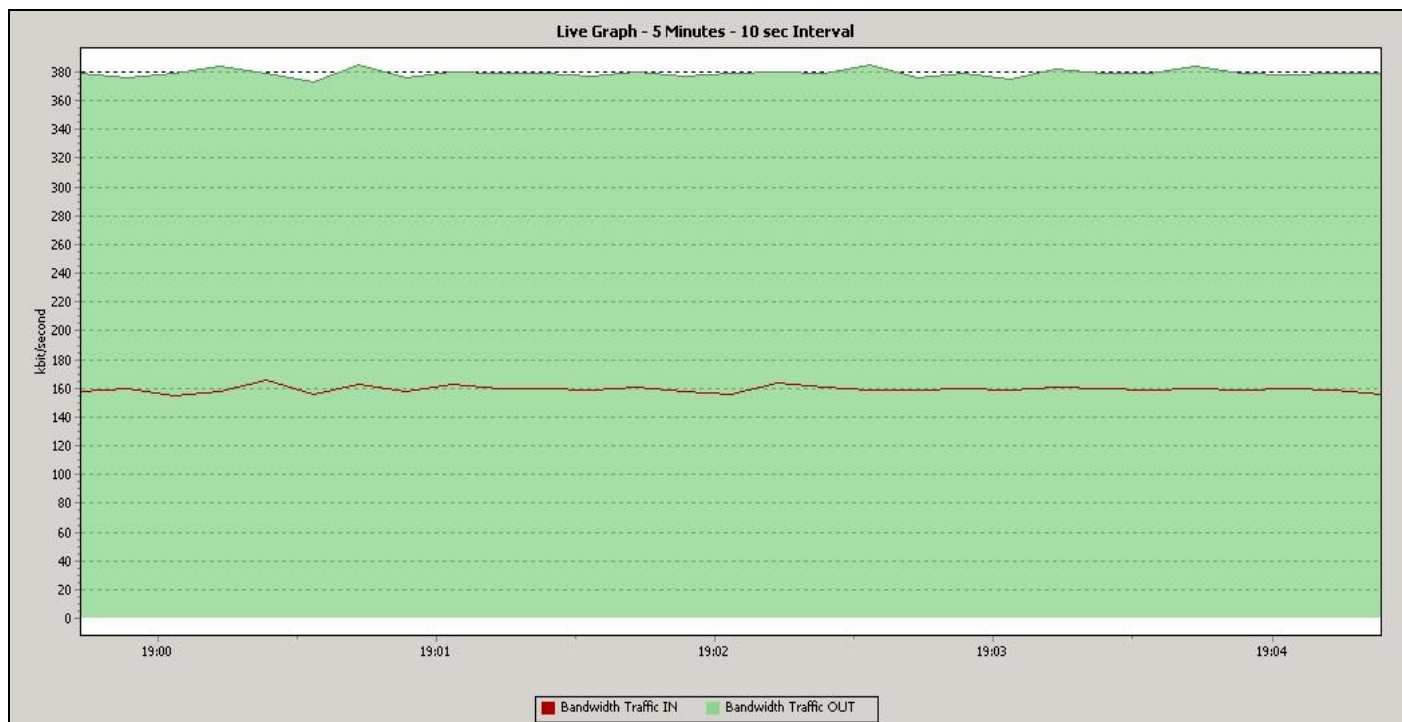
```
Satellite (DVB) RX Configuration
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Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

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          : 11.606375 GHz
Symbol Rate        : 44.999238 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                : 11.0 dB
Input Power        : -26 dBm
```

```
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     : -13.6 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : 19 us (252370 us)
Frequency correction: -150 Hz


IP DVB: 10.148.6.223 /26


Pinging 10.176.1.193 with 32 bytes of data:

Reply from 10.176.1.193: bytes=32 time=569ms TTL=62
Reply from 10.176.1.193: bytes=32 time=571ms TTL=62
Reply from 10.176.1.193: bytes=32 time=583ms TTL=62
Reply from 10.176.1.193: bytes=32 time=585ms TTL=62
Reply from 10.176.1.193: bytes=32 time=598ms TTL=62
Reply from 10.176.1.193: bytes=32 time=569ms TTL=62
Reply from 10.176.1.193: bytes=32 time=612ms TTL=62
Reply from 10.176.1.193: bytes=32 time=527ms TTL=62
Reply from 10.176.1.193: bytes=32 time=529ms TTL=62
Reply from 10.176.1.193: bytes=32 time=541ms TTL=62

Ping statistics for 10.176.1.193:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 527ms, Maximum = 612ms, Average = 568ms
```