	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Andre da Silva
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Maria Aparecida

Consórcio STM/Vodanet	**VSAT-ID** SES-SAXO-4479	**Porta kbps** 384/153	**Plataforma** VSAT
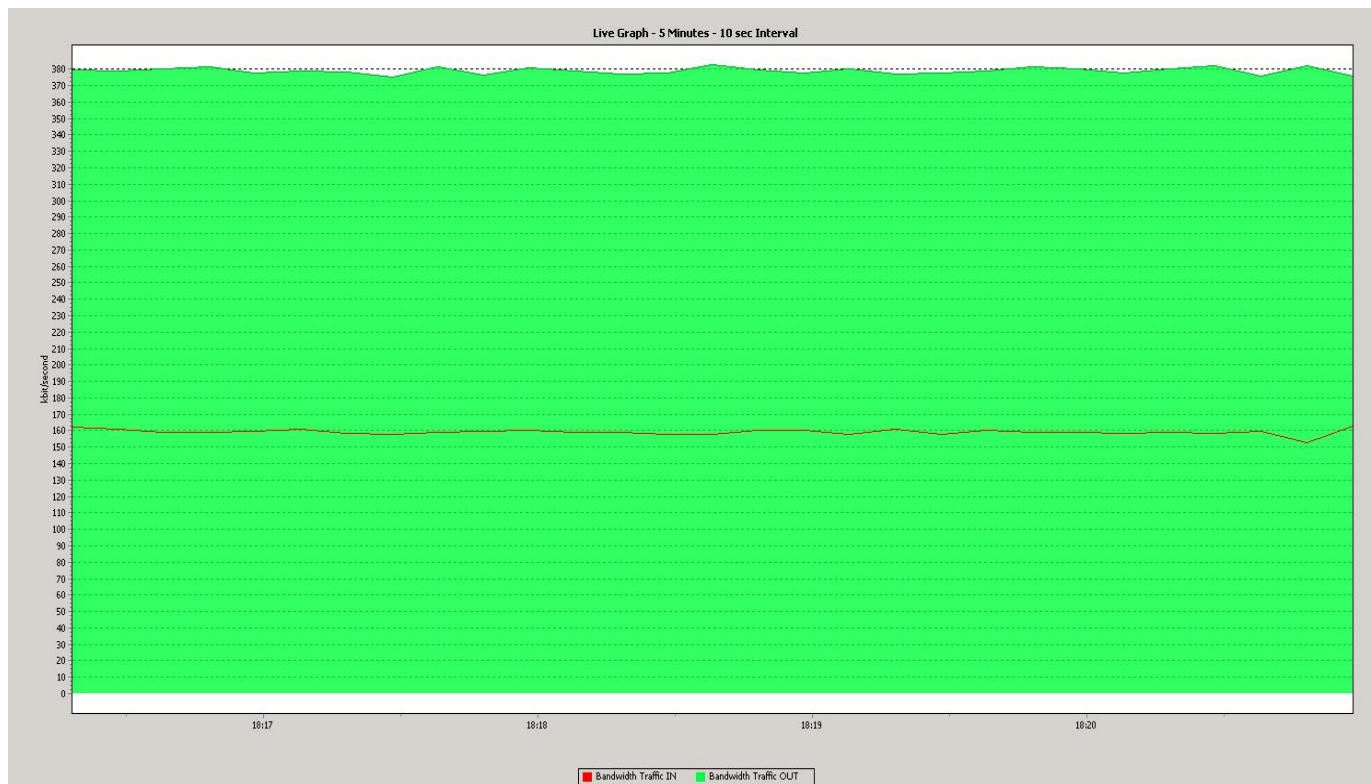

```
Satellite (DVB) RX Configuration
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Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId    Enable
* 0   0    45.000000      11.606250  DVB-S2 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           : 11.606317 GHz
Symbol Rate         : 44.999882 Msps
S2 ModCod
      - receiving   : 4    QPSK-1/2
      - current max : 10   QPSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.0 dB
Input Power         : -31 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -21 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      : -16.0 dBm
ODU Output Power      : 34.3 dBm
EIRP                  : 47.6 dBW
Es/No                 : 13.0 dB
Header Compression    :  DSM-CC
Timing correction     : 8 us (251786 us)
Frequency correction: 130 Hz


IP DVB: 10.148.4.128/32


 C:\>ping -n 10 10.172.153.1

 Pinging 10.172.153.1 with 32 bytes of data:

 Reply from 10.172.153.1: bytes=32 time=566ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=542ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=600ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=521ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=624ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=549ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=559ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=578ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=556ms TTL=62
 Reply from 10.172.153.1: bytes=32 time=609ms TTL=62

 Ping statistics for 10.172.153.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 521ms, Maximum = 624ms, Average = 570ms
```