	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** André da Silva
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Alexandra Reis

Consórcio STM/Vodanet	**VSAT-ID** SES-ITRI-3715	**Porta kbps** 384/153	**Plataforma** VSAT
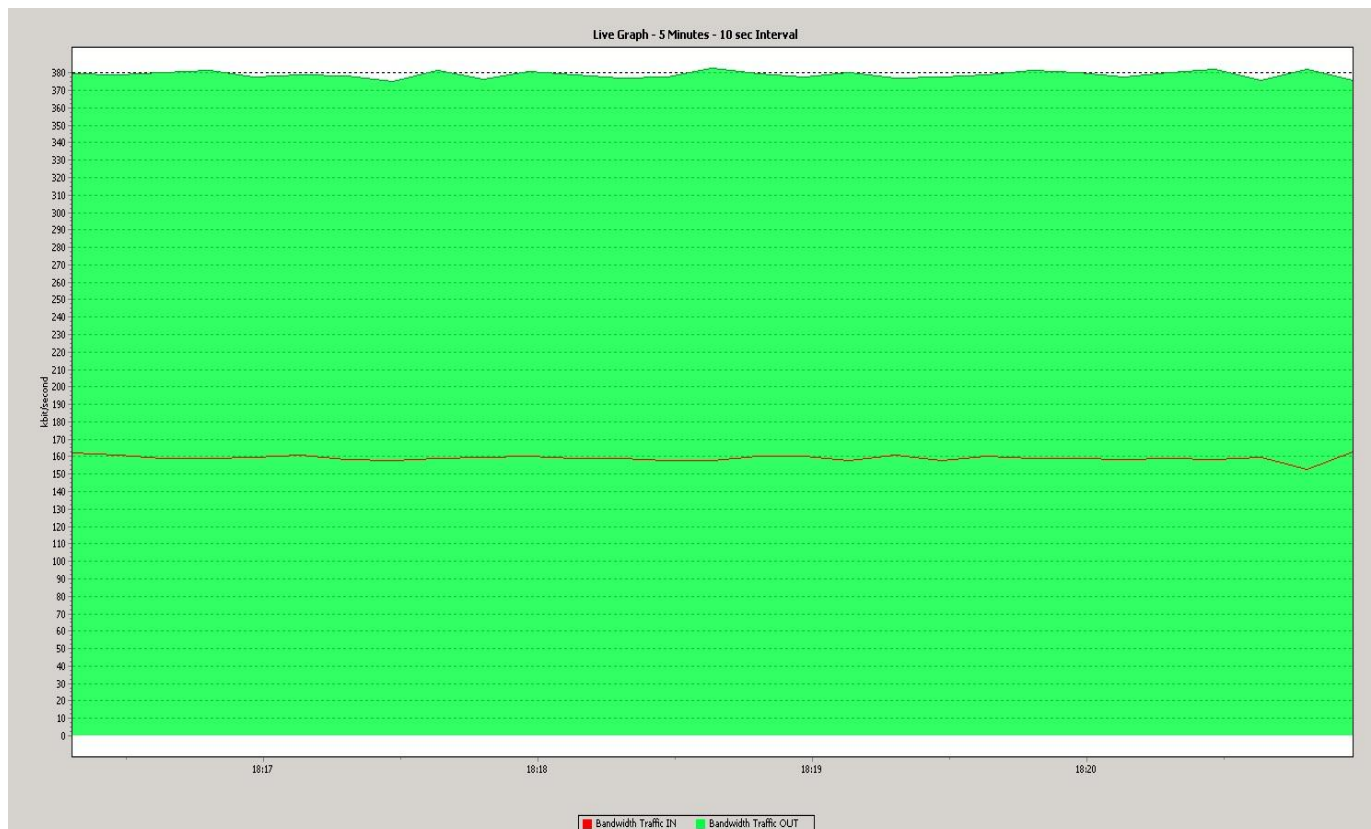

```
Satellite (DVB) RX Configuration
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Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId    Enable
* 0  0    45.000000       11.606250  DVB-S2  3        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606159 GHz
Symbol Rate         : 45.000030 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.5 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 32.7 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     : -17.1 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Es/No                : 9.5 dB
Header Compression   :  DSM-CC
Timing correction    : 221 us (250751 us)
Frequency correction: 40 Hz


IP DVB: 10.148.5.75/32


 Pinging 10.146.60.1 with 32 bytes of data:

 Reply from 10.146.60.1: bytes=32 time=636ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=562ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=678ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=618ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=563ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=565ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=527ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=552ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=577ms TTL=62
 Reply from 10.146.60.1: bytes=32 time=584ms TTL=62

 Ping statistics for 10.146.60.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 527ms, Maximum = 678ms, Average = 586ms
```