TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Paulo Henrique dos Santos
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Ana Luiza Ferreira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ARRI-4421	384/153	VSAT

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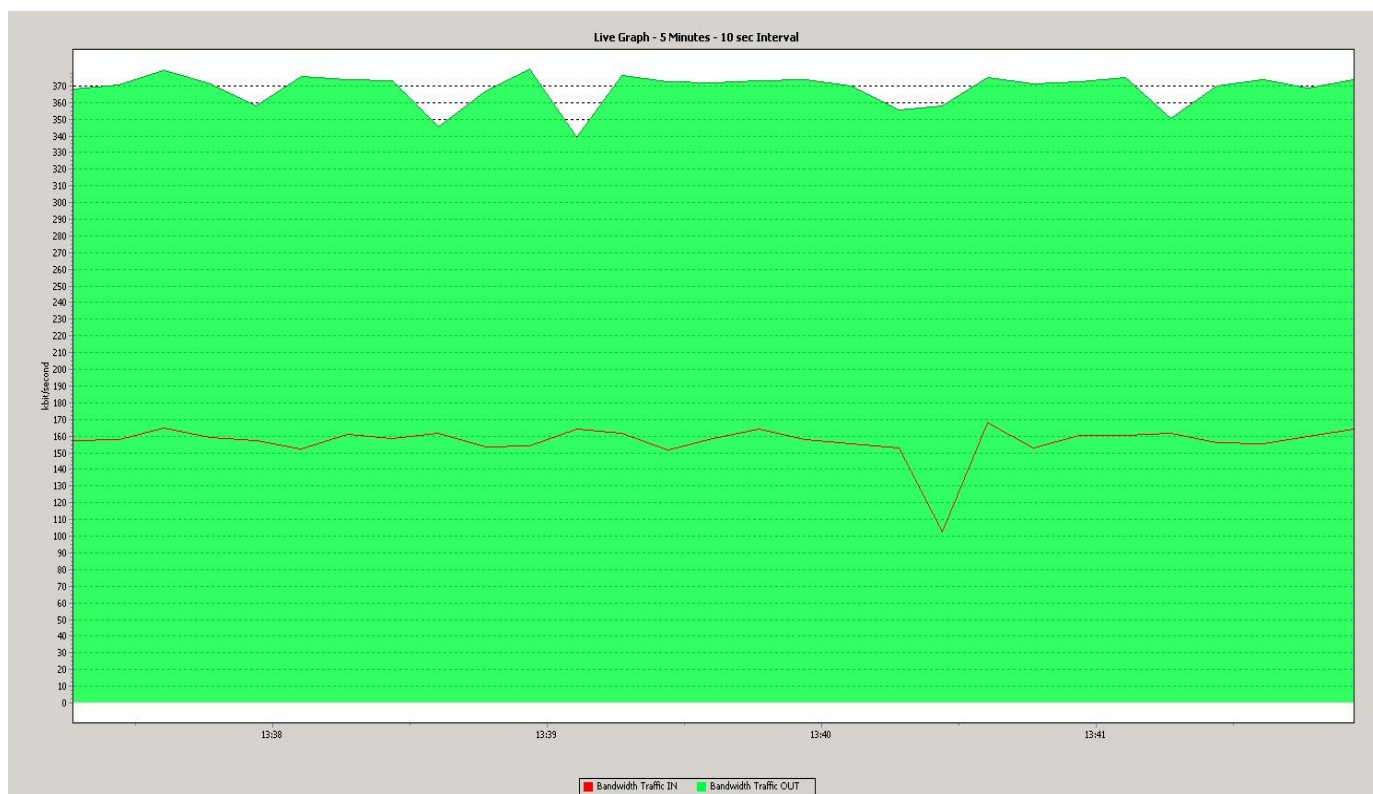
```
Satellite (DVB) RX Configuration
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Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]   Mode   PopId   Enable
* 0  0     45.000000       11.606250   DVB-S2 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           : 11.606861 GHz
Symbol Rate         : 45.000316 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         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -25 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     : -20.9 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : -91 us (253666 us)
Frequency correction: -90 Hz


IP DVB: 10.148.4.113/32


 C:\>ping -n 10 10.172.96.1

 Pinging 10.172.96.1 with 32 bytes of data:

 Reply from 10.172.96.1: bytes=32 time=584ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=601ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=524ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=571ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=556ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=570ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=525ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=601ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=525ms TTL=62
 Reply from 10.172.96.1: bytes=32 time=541ms TTL=62

 Ping statistics for 10.172.96.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 524ms, Maximum = 601ms, Average = 559ms
```