prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** João Carlos Widar
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Maria Izabel de Almeida

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-PEES-5800	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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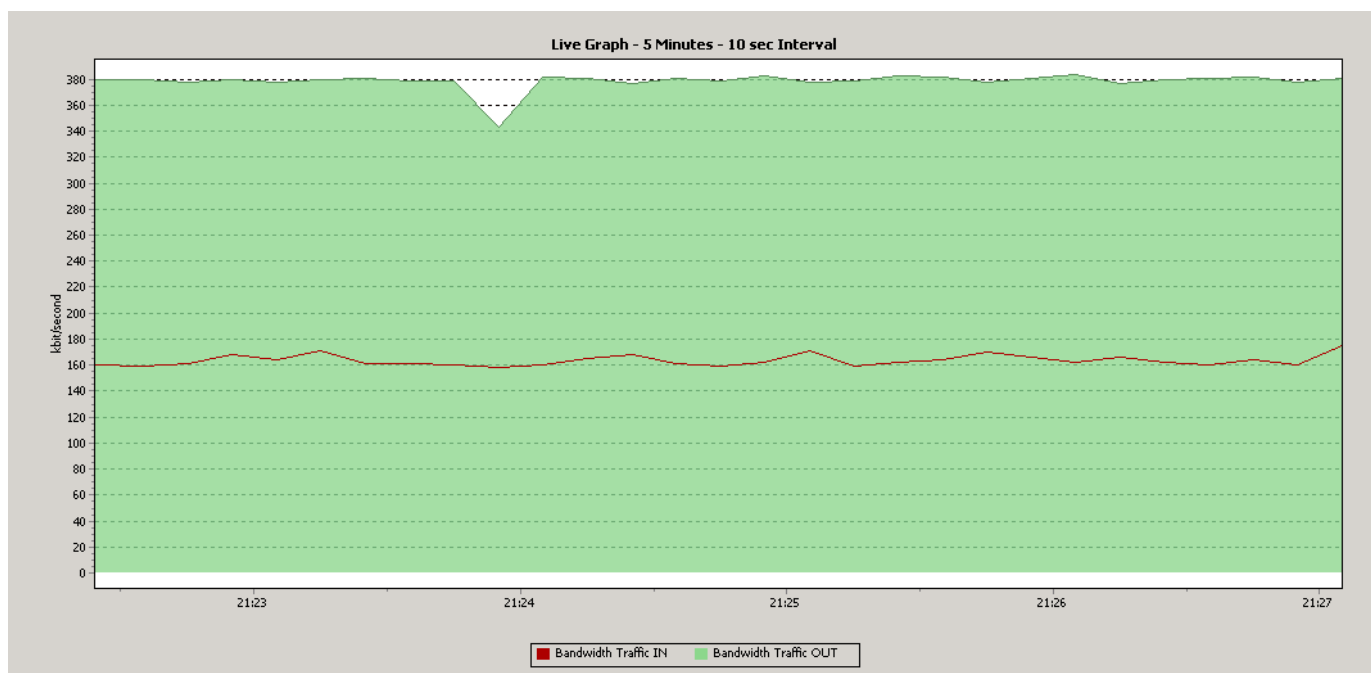
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.605953 GHz
Symbol Rate         : 44.999826 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 12.2 dB
Input Power         : -17 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     : -18.1 dBm
ODU Output Power     : 33.9 dBm
EIRP                 : 47.2 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : 48 us (253284 us)
Frequency correction: -120 Hz



IP DVB: 10.148.6.187/32



Pinging 10.175.198.1 with 32 bytes of data:

Reply from 10.175.198.1: bytes=32 time=598ms TTL=62
Reply from 10.175.198.1: bytes=32 time=569ms TTL=62
Reply from 10.175.198.1: bytes=32 time=613ms TTL=62
Reply from 10.175.198.1: bytes=32 time=528ms TTL=62
Reply from 10.175.198.1: bytes=32 time=533ms TTL=62
Reply from 10.175.198.1: bytes=32 time=542ms TTL=62
Reply from 10.175.198.1: bytes=32 time=552ms TTL=62
Reply from 10.175.198.1: bytes=32 time=557ms TTL=62
Reply from 10.175.198.1: bytes=32 time=528ms TTL=62
Reply from 10.175.198.1: bytes=32 time=572ms TTL=62

Ping statistics for 10.175.198.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 613ms, Average = 559ms
```