TERMO DE ACEITE TÉCNICO

prodemge

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Alexandre Pascoal
GRE/Prodemge: Marlu da Silva Santos	**Responsável/cliente:** Geane Almeida de Araújo

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PIRA-3476	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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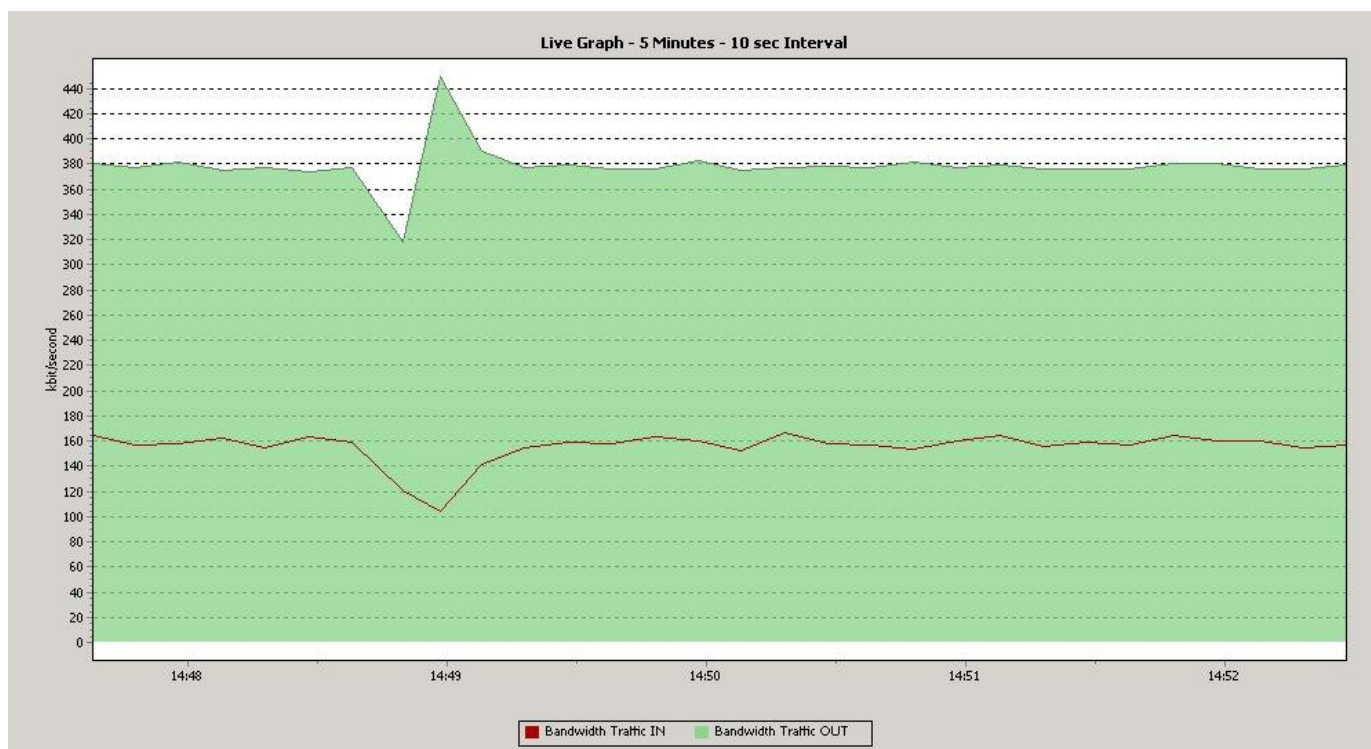
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId    Enable
* 0   0    13.333000     11.588250  DVB-S2  2        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588575 GHz
Symbol Rate         : 13.332978 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            : 0.25
SNR                 : 14.1 dB
Input Power         : -26 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 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     : -22.4 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -241 us (260627 us)
Frequency correction: -180 Hz

IP DVB 10.148.1.55/32

Pinging 10.145.153.1 with 32 bytes of data:

Reply from 10.145.153.1: bytes=32 time=597ms TTL=62
Reply from 10.145.153.1: bytes=32 time=554ms TTL=62
Reply from 10.145.153.1: bytes=32 time=541ms TTL=62
Reply from 10.145.153.1: bytes=32 time=551ms TTL=62
Reply from 10.145.153.1: bytes=32 time=572ms TTL=62
Reply from 10.145.153.1: bytes=32 time=550ms TTL=62
Reply from 10.145.153.1: bytes=32 time=603ms TTL=62
Reply from 10.145.153.1: bytes=32 time=526ms TTL=62
Reply from 10.145.153.1: bytes=32 time=570ms TTL=62
Reply from 10.145.153.1: bytes=32 time=557ms TTL=62

Ping statistics for 10.145.153.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 526ms, Maximum = 603ms, Average = 562ms
```