prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Sidinei de Paula
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Josiane Magalhães

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SARA-4176	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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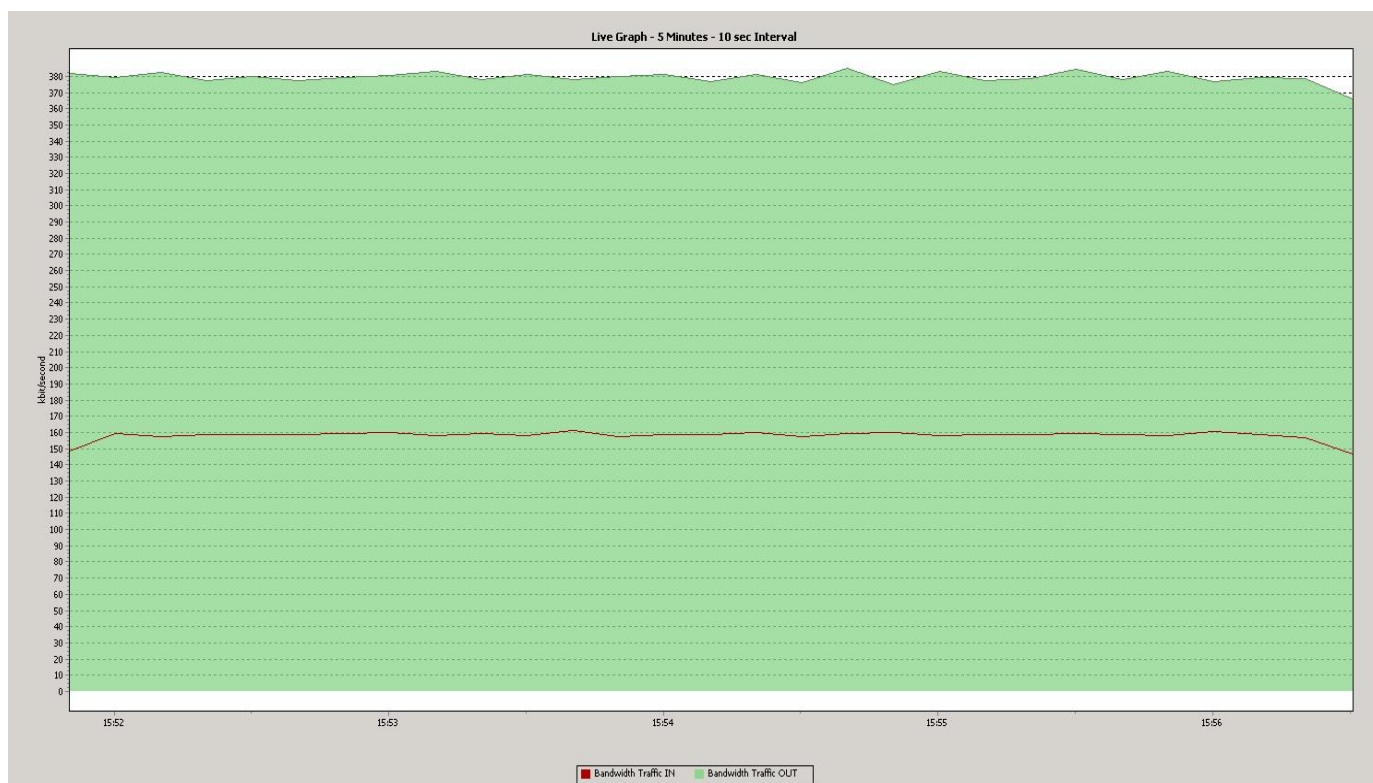
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId   Enable
  0   0    45.000000      11.606250  DVB-S2 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           : 11.606284 GHz
Symbol Rate         : 44.999976 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         : -28 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     : -18.6 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : -85 us (252032 us)
Frequency correction: 30 Hz


IP DVB: 10.148.4.14/32


 C:\>ping -n 10 10.147.157.1

 Pinging 10.147.157.1 with 32 bytes of data:

 Reply from 10.147.157.1: bytes=32 time=561ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=576ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=592ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=575ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=623ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=547ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=529ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=580ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=592ms TTL=62
 Reply from 10.147.157.1: bytes=32 time=548ms TTL=62

 Ping statistics for 10.147.157.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 529ms, Maximum = 623ms, Average = 572ms
```