prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** João Marcelo
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Marcela Ramalho

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-OLRA-4221	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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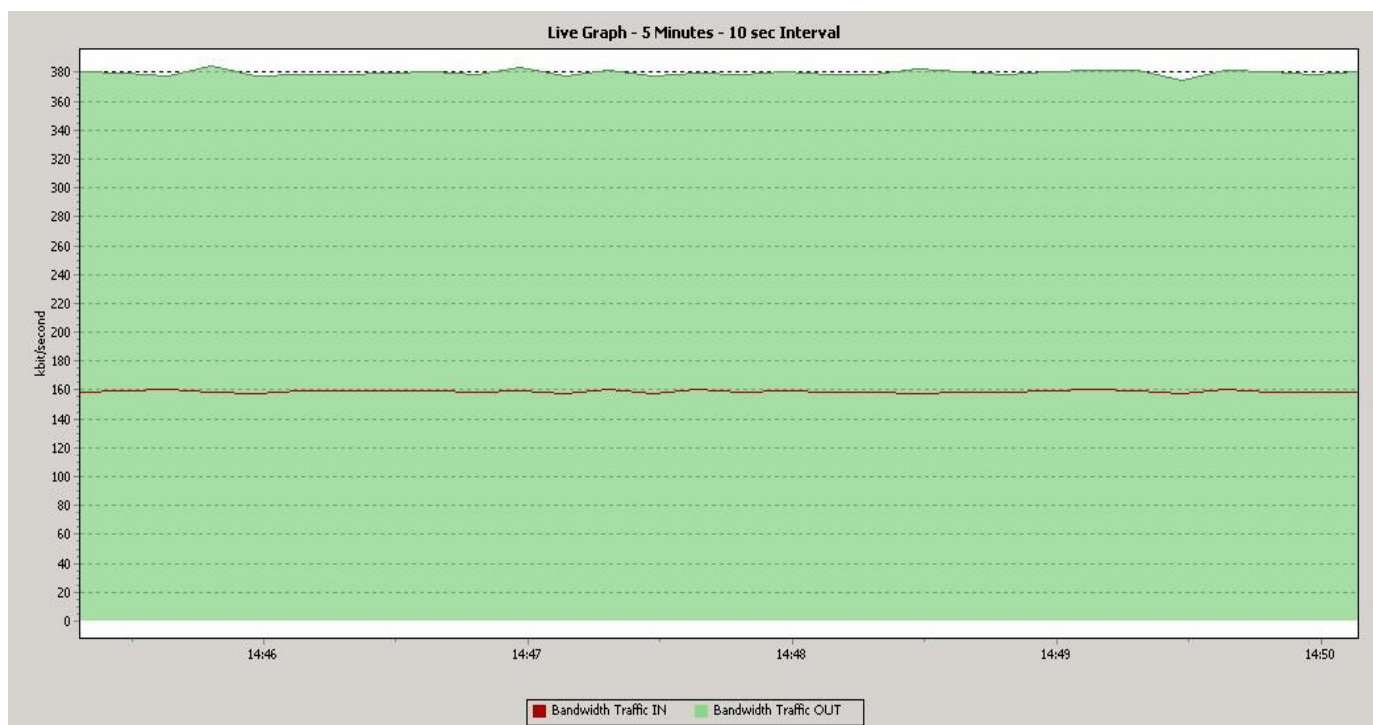
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx   Pri   SymbRate[Msps]   Freq[GHz]   Mode     PopId    Enable
* 0   0     13.333000        11.588250   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           : 11.588624 GHz
Symbol Rate         : 13.333141 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.5 dB
Input Power         : -28 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -23 dBm
IDU max output power: 0.0 dBm
EIRP                : 46.5 dBW
Default CW Frequency: 14.150500 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
----------------------------------
State               : On (TDMA)
IDU Output Power    : -20.5 dBm
ODU Output Power    : 32.5 dBm
EIRP                : 45.8 dBW
Es/No               : 12.0 dB
Header Compression  :  DSM-CC
Timing correction   : 32 us (261353 us)
Frequency correction: 0 Hz

IP DVB: 10.148.2.146 /32


 C:\>ping -n 10 10.147.204.1

 Pinging 10.147.204.1 with 32 bytes of data:

 Reply from 10.147.204.1: bytes=32 time=541ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=552ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=572ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=583ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=603ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=582ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=533ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=553ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=532ms TTL=62
 Reply from 10.147.204.1: bytes=32 time=584ms TTL=62

 Ping statistics for 10.147.204.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 532ms, Maximum = 603ms, Average = 563ms
```