prodemge

TERMO DE ACEITE TÉCNICO

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

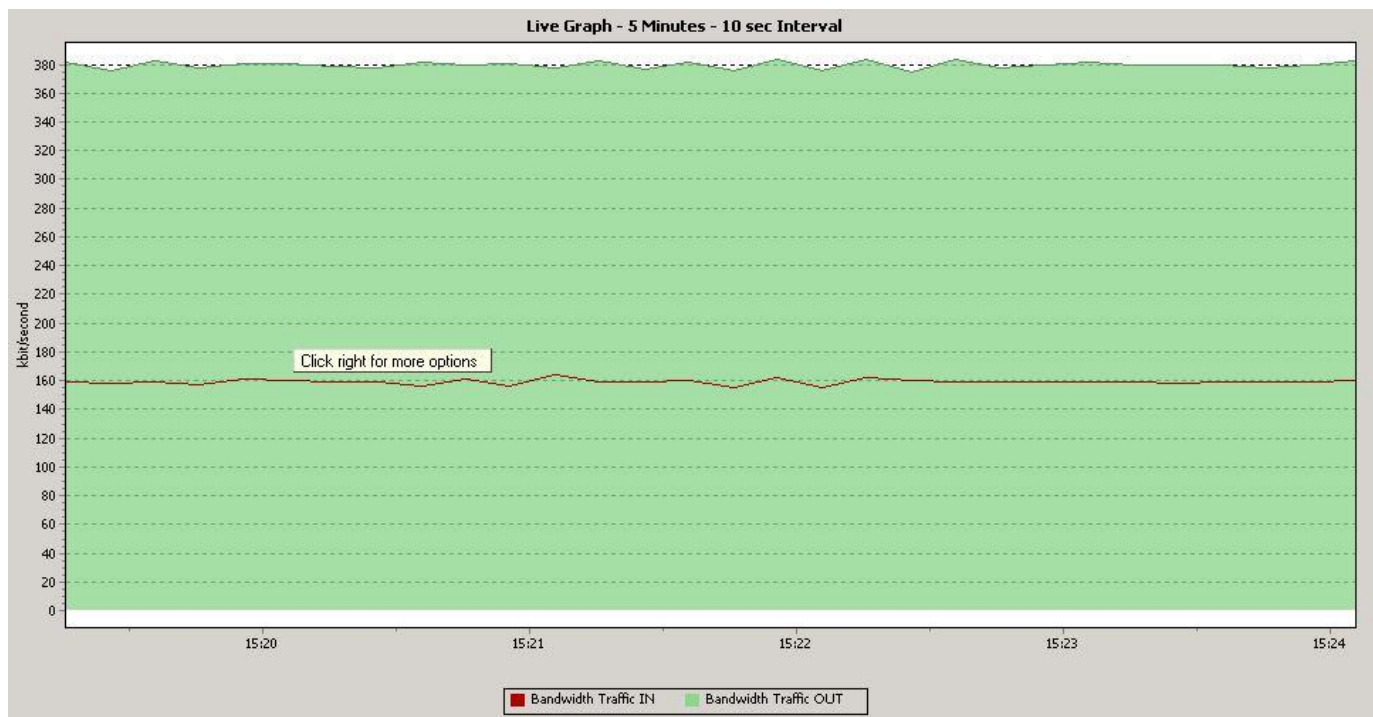|	
NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Marcos de Paulo de Sousa Ferreira
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Janmile Alves

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SASA-0833	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 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

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588861 GHz
Symbol Rate         : 13.332983 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 19   16APSK-3/4
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.4 dB
Input Power         : -27 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -21 dBm
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    : -20.8 dBm
ODU Output Power    : 35.2 dBm
EIRP                : 48.5 dBW
Eb/No               : 12.0 dB
Header Compression  :  DSM-CC
Timing correction   : -164 us (258333 us)
Frequency correction: -290 Hz


IP DVB 10.148.1.122/32


Pinging 10.144.152.1 with 32 bytes of data:

Reply from 10.144.152.1: bytes=32 time=525ms TTL=61
Reply from 10.144.152.1: bytes=32 time=633ms TTL=61
Reply from 10.144.152.1: bytes=32 time=556ms TTL=61
Reply from 10.144.152.1: bytes=32 time=660ms TTL=61
Reply from 10.144.152.1: bytes=32 time=587ms TTL=61
Reply from 10.144.152.1: bytes=32 time=696ms TTL=61
Reply from 10.144.152.1: bytes=32 time=619ms TTL=61
Reply from 10.144.152.1: bytes=32 time=542ms TTL=61
Reply from 10.144.152.1: bytes=32 time=651ms TTL=61
Reply from 10.144.152.1: bytes=32 time=574ms TTL=61

Ping statistics for 10.144.152.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 525ms, Maximum = 696ms, Average = 604ms
```