prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho | **Operadora/Cliente:** Fábio Passoni
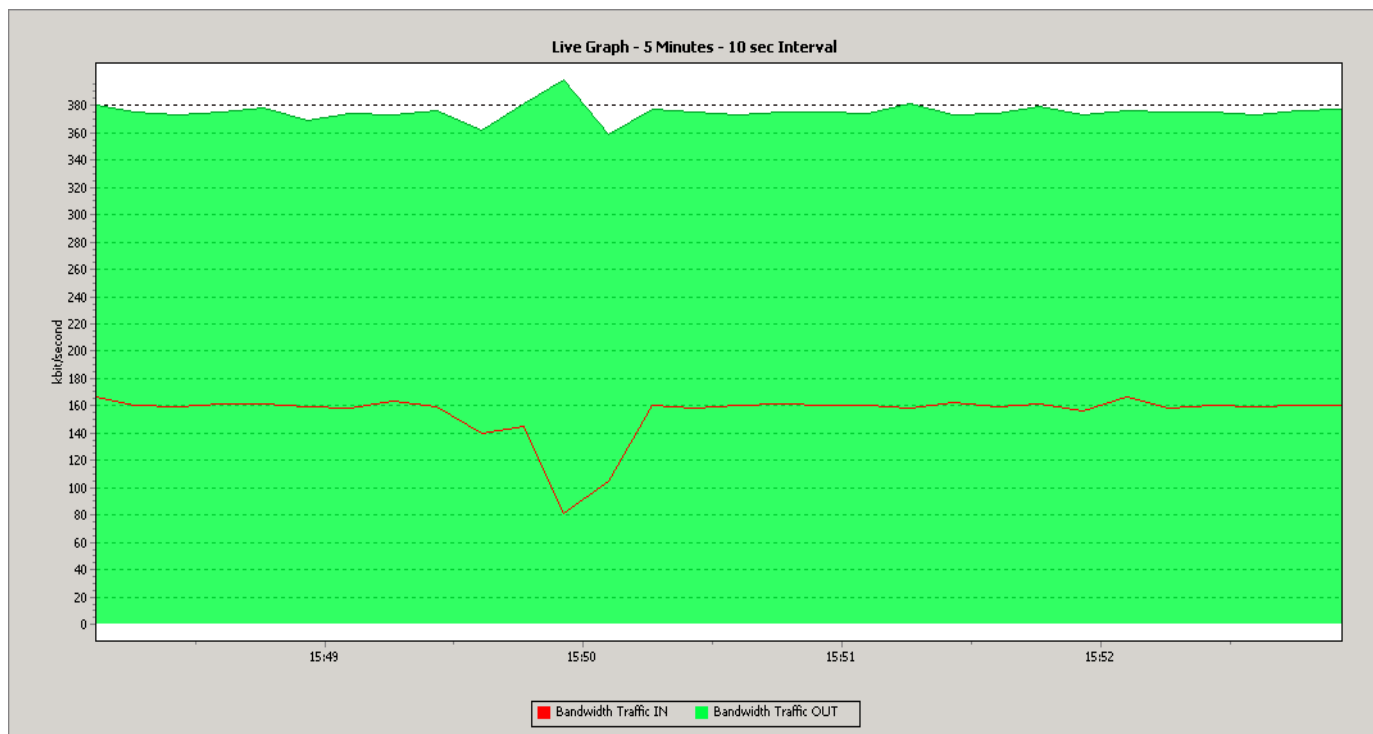
GRE/Prodemge: Aguinaldo de Matos | **Responsável/cliente:** Kelly Cristina da Costa

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBTE-5198	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      11.605250  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.605985 GHz
Symbol Rate         : 44.999648 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13  8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.6 dB
Input Power         : -20 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 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   : RTP/UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
----------------------------------
State                : On (TDMA)
IDU Output Power     : -16.3 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Es/No                : 12.0 dB
Header Compression   : RTP/DSM-CC
Timing correction    : 165 us (252164 us)
Frequency correction: 90 Hz



IP DVB: 10.148.5.137/32



Pinging 10.174.8.1 with 32 bytes of data:

Reply from 10.174.8.1: bytes=32 time=536ms TTL=62
Reply from 10.174.8.1: bytes=32 time=572ms TTL=62
Reply from 10.174.8.1: bytes=32 time=549ms TTL=62
Reply from 10.174.8.1: bytes=32 time=551ms TTL=62
Reply from 10.174.8.1: bytes=32 time=564ms TTL=62
Reply from 10.174.8.1: bytes=32 time=566ms TTL=62
Reply from 10.174.8.1: bytes=32 time=578ms TTL=62
Reply from 10.174.8.1: bytes=32 time=580ms TTL=62
Reply from 10.174.8.1: bytes=32 time=530ms TTL=62
Reply from 10.174.8.1: bytes=32 time=594ms TTL=62

Ping statistics for 10.174.8.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 594ms, Average = 562ms
```