prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes | **Operadora/Cliente:** Paulo Luciano
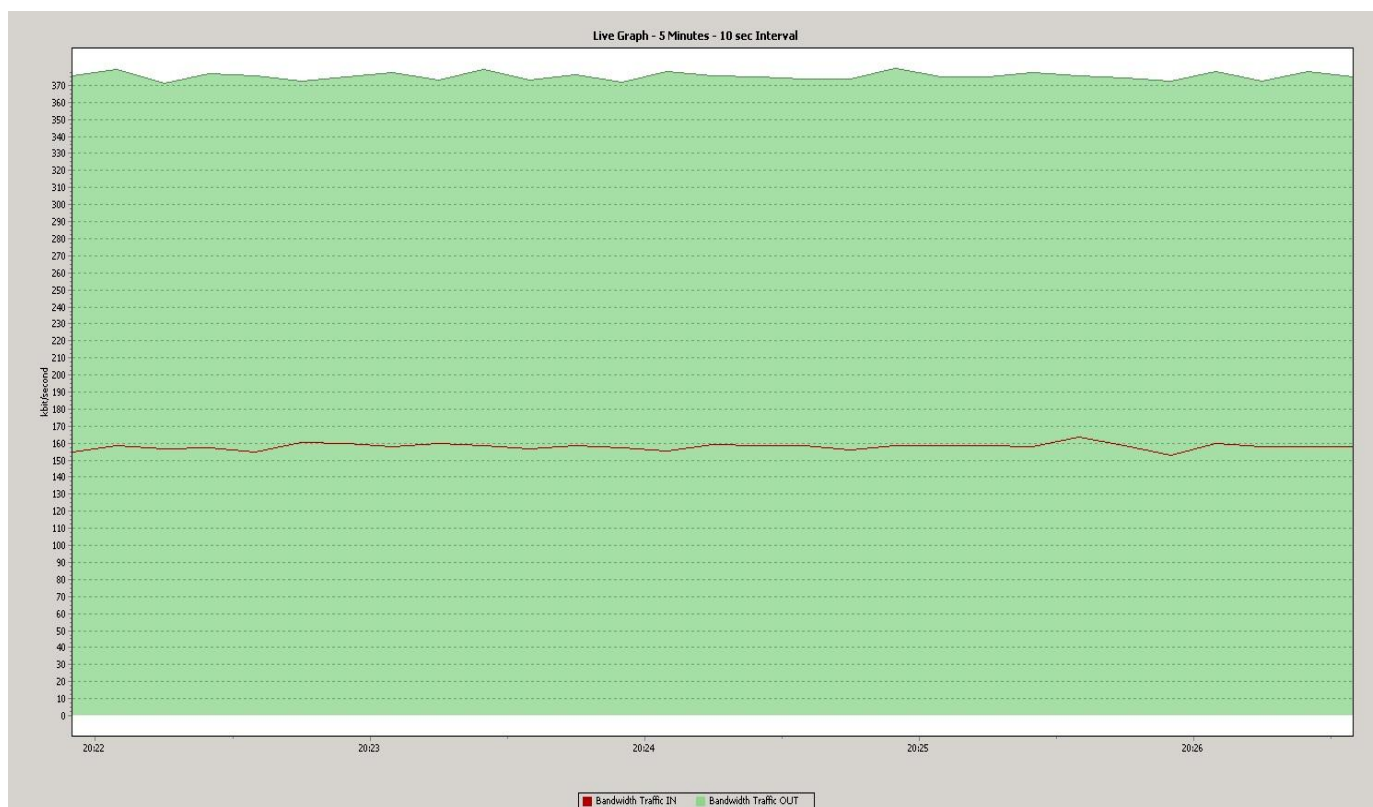
GRE/Prodemge: Douglas Alvares | **Responsável/cliente:** Marques da Silva

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PATU-4125	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

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606986 GHz
Symbol Rate         : 45.000056 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                 : 8.8 dB
Input Power         : -21 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 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     : -23.8 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 dBW
Es/No                : 8.0 dB
Header Compression   :  DSM-CC
Timing correction    : 190 us (252768 us)
Frequency correction: 120 Hz


IP DVB: 10.148.3.200/32


 C:\>ping -n 10 10.147.73.1

 Pinging 10.147.73.1 with 32 bytes of data:

 Reply from 10.147.73.1: bytes=32 time=597ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=610ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=524ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=536ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=554ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=546ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=519ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=674ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=593ms TTL=62
 Reply from 10.147.73.1: bytes=32 time=680ms TTL=62

 Ping statistics for 10.147.73.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 519ms, Maximum = 680ms, Average = 583ms
```