TERMO DE ACEITE TÉCNICO

prodemge

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

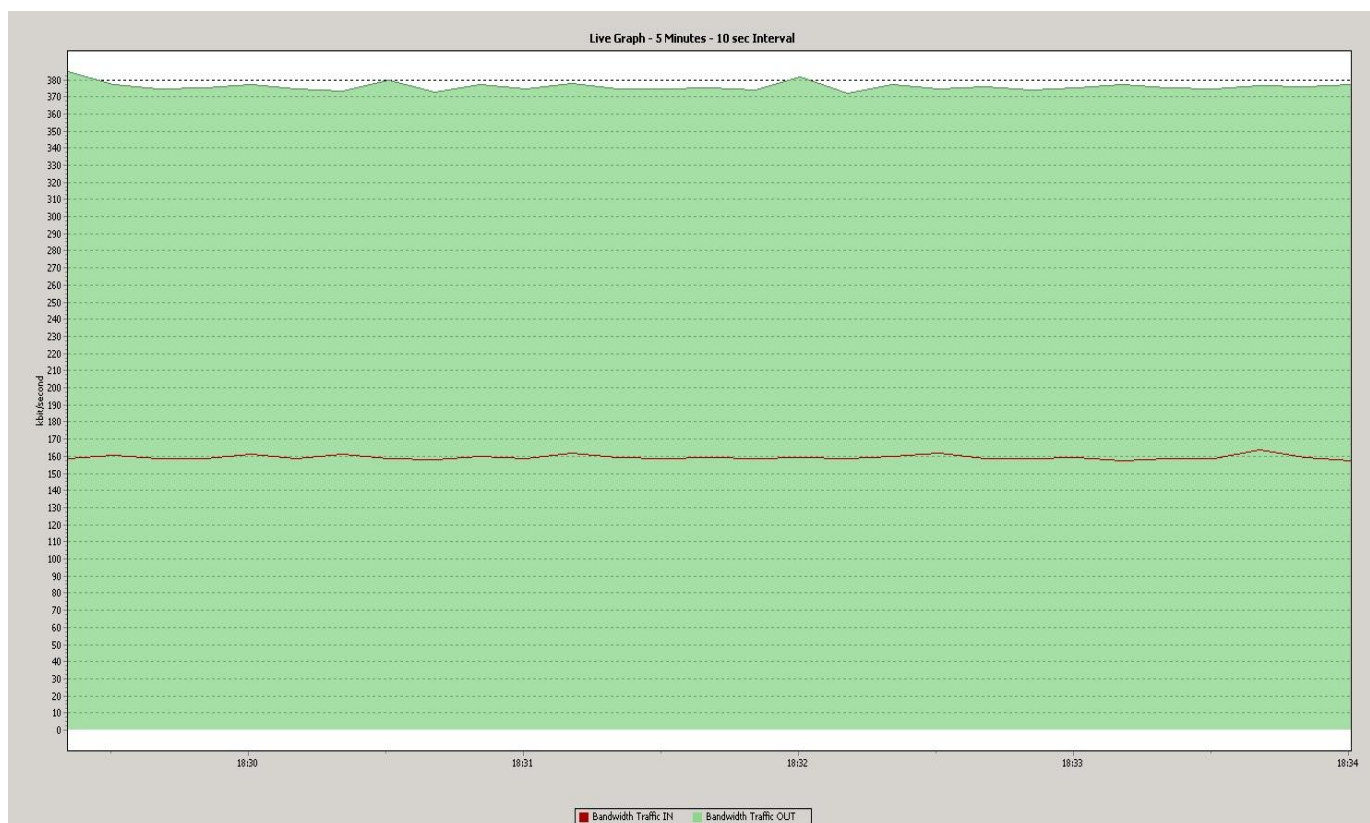| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Ederson Martins
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Mayla Irene

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SAAS-5244	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 3         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.606356 GHz
Symbol Rate        : 45.000009 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                : 9.2 dB
Input Power        : -25 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      : -18.1 dBm
ODU Output Power      : 33.6 dBm
EIRP                  : 47.1 dBW
Es/No                 : 11.0 dB
Header Compression    :  DSM-CC
Timing correction     : 239 us (250588 us)
Frequency correction: 40 Hz


IP DVB: 10.148.5.99/32


 Pinging 10.174.45.1 with 32 bytes of data:

 Reply from 10.174.45.1: bytes=32 time=528ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=568ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=563ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=573ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=593ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=572ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=624ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=548ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=526ms TTL=62
 Reply from 10.174.45.1: bytes=32 time=581ms TTL=62

 Ping statistics for 10.174.45.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 526ms, Maximum = 624ms, Average = 567ms
```