TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes | **Operadora/Cliente:** Dhiony Miranda
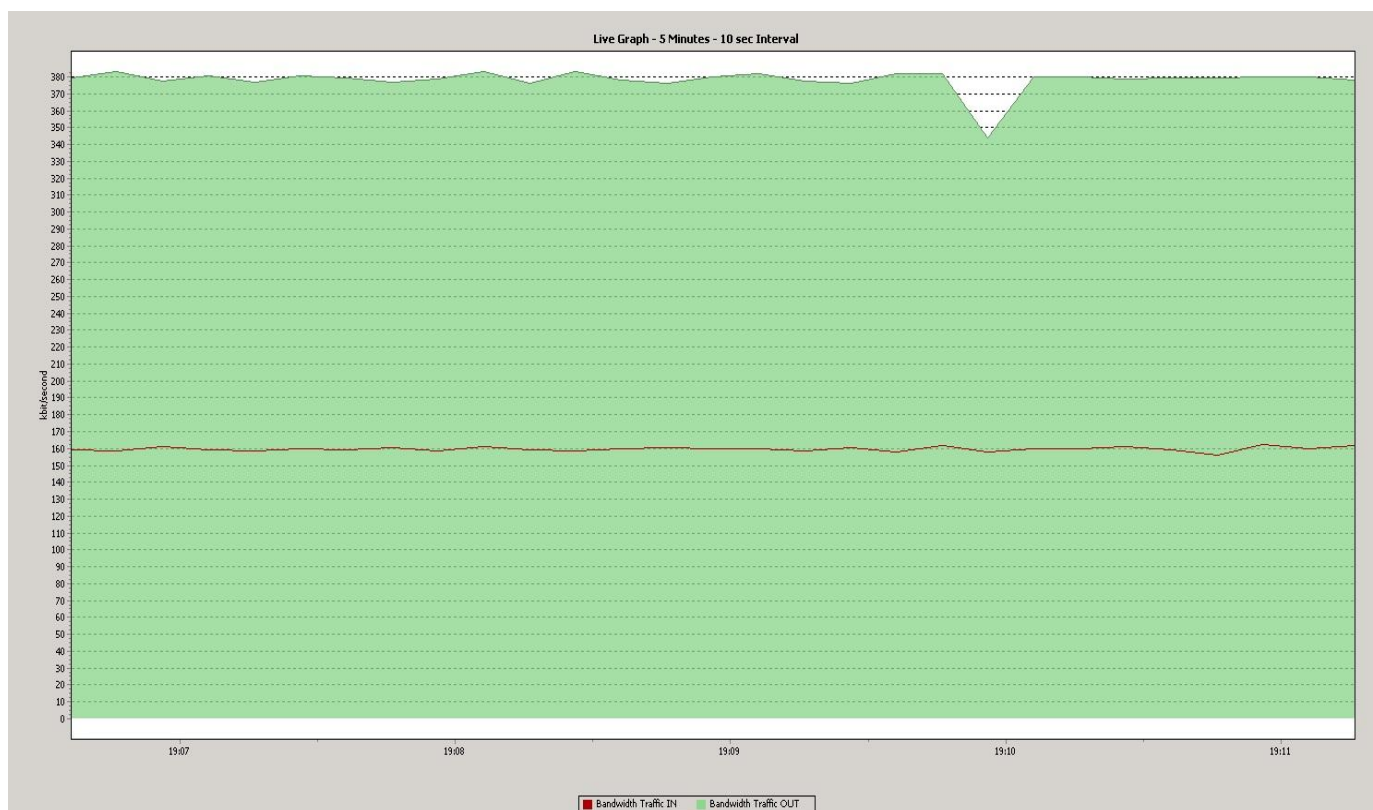
GRE/Prodemge: Douglas Alvares | **Responsável/cliente:** Roberta Normas

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PIRA-5027	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           : 11.606381 GHz
Symbol Rate         : 45.000166 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                 : 10.0 dB
Input Power         : -30 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      : -19.4 dBm
ODU Output Power      : 28.8 dBm
EIRP                  : 42.1 dBW
Es/No                 : 11.0 dB
Header Compression  :  DSM-CC
Timing correction   : 175 us (251938 us)
Frequency correction: 80 Hz


IP DVB: 10.148.5.176/32


 Pinging 10.173.131.1 with 32 bytes of data:

 Reply from 10.173.131.1: bytes=32 time=548ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=592ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=594ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=541ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=523ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=525ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=538ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=539ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=551ms TTL=62
 Reply from 10.173.131.1: bytes=32 time=553ms TTL=62

 Ping statistics for 10.173.131.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 523ms, Maximum = 594ms, Average = 550ms
```