TERMO DE ACEITE TÉCNICO

prodemge

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

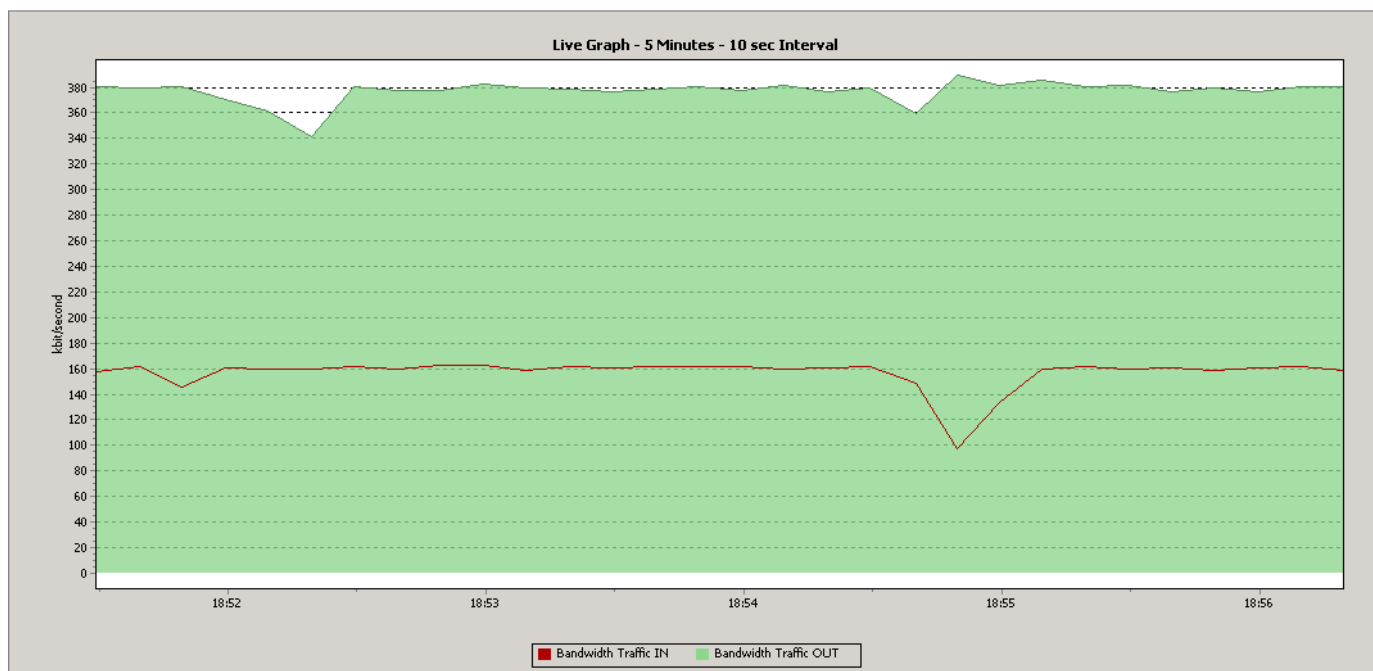|	
NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Fabio Passoni
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Mariana Rodrigues Pereira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBTE-5196	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           : 11.606665 GHz
Symbol Rate         : 45.000470 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                 : 9.3 dB
Input Power         : -21 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     : -18.7 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 209 us (252197 us)
Frequency correction: 10 Hz


IP DVB: 10.148.0.61/32


Pinging 10.174.7.1 with 32 bytes of data:

Reply from 10.174.7.1: bytes=32 time=536ms TTL=62
Reply from 10.174.7.1: bytes=32 time=538ms TTL=62
Reply from 10.174.7.1: bytes=32 time=550ms TTL=62
Reply from 10.174.7.1: bytes=32 time=552ms TTL=62
Reply from 10.174.7.1: bytes=32 time=565ms TTL=62
Reply from 10.174.7.1: bytes=32 time=536ms TTL=62
Reply from 10.174.7.1: bytes=32 time=579ms TTL=62
Reply from 10.174.7.1: bytes=32 time=581ms TTL=62
Reply from 10.174.7.1: bytes=32 time=593ms TTL=62
Reply from 10.174.7.1: bytes=32 time=564ms TTL=62

Ping statistics for 10.174.7.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 536ms, Maximum = 593ms, Average = 559ms
```