prodemge

TERMO DE ACEITE TÉCNICO

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

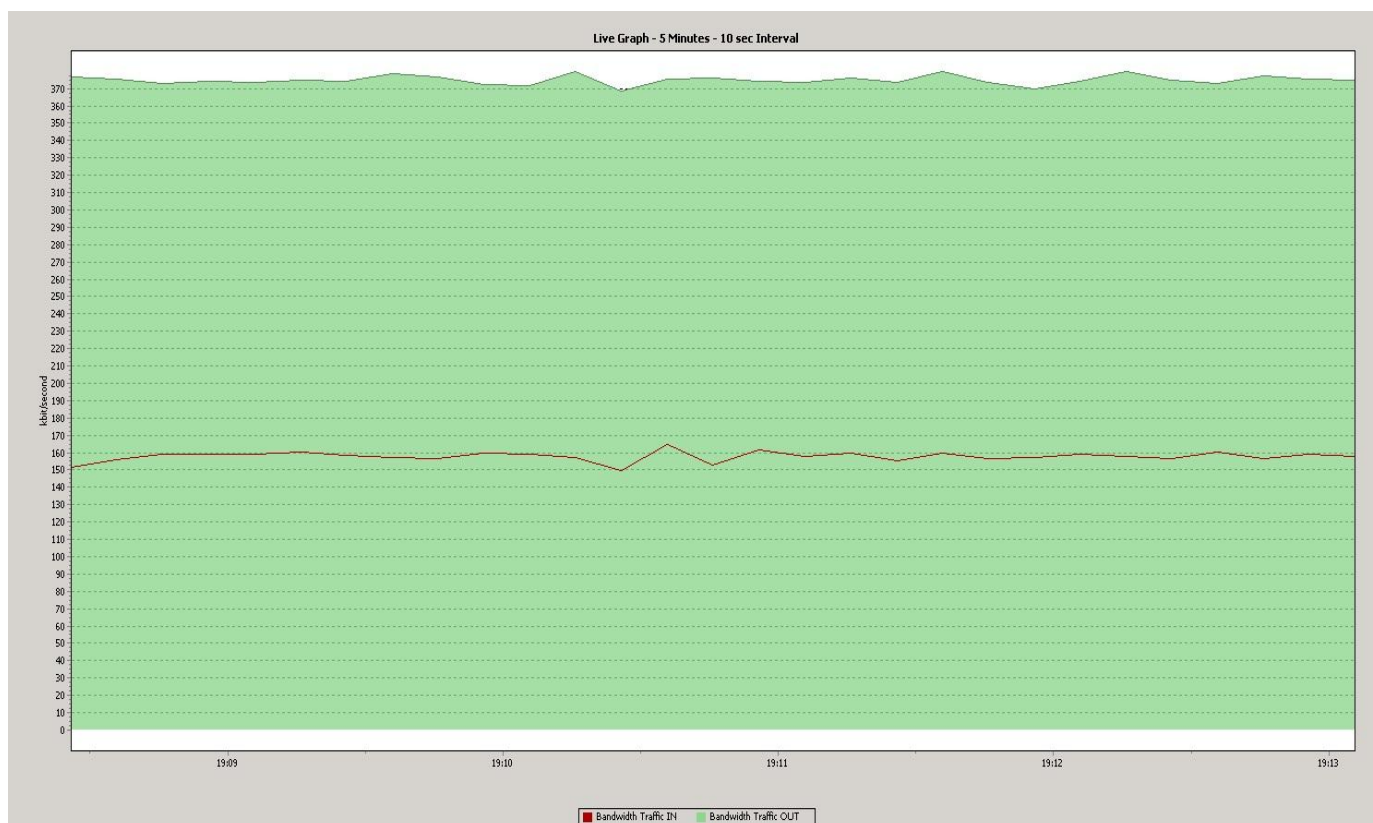|	
NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Passoni
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Raquel

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBTE-5191	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           : 11.606285 GHz
Symbol Rate         : 44.999929 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                 : 9.0 dB
Input Power         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 33.2 dBm
EIRP                  : 46.5 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      : -23.0 dBm
ODU Output Power      : 33.7 dBm
EIRP                  : 47.0 dBW
Es/No                 : 11.0 dB
Header Compression    :  DSM-CC
Timing correction     : 198 us (252162 us)
Frequency correction: 70 Hz


IP DVB: 10.148.5.120/32


 Pinging 10.174.1.1 with 32 bytes of data:

 Reply from 10.174.1.1: bytes=32 time=563ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=541ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=528ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=603ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=597ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=522ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=568ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=552ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=565ms TTL=62
 Reply from 10.174.1.1: bytes=32 time=583ms TTL=62

 Ping statistics for 10.174.1.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 522ms, Maximum = 603ms, Average = 562ms
```