prodemge

TERMO DE ACEITE TÉCNICO

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

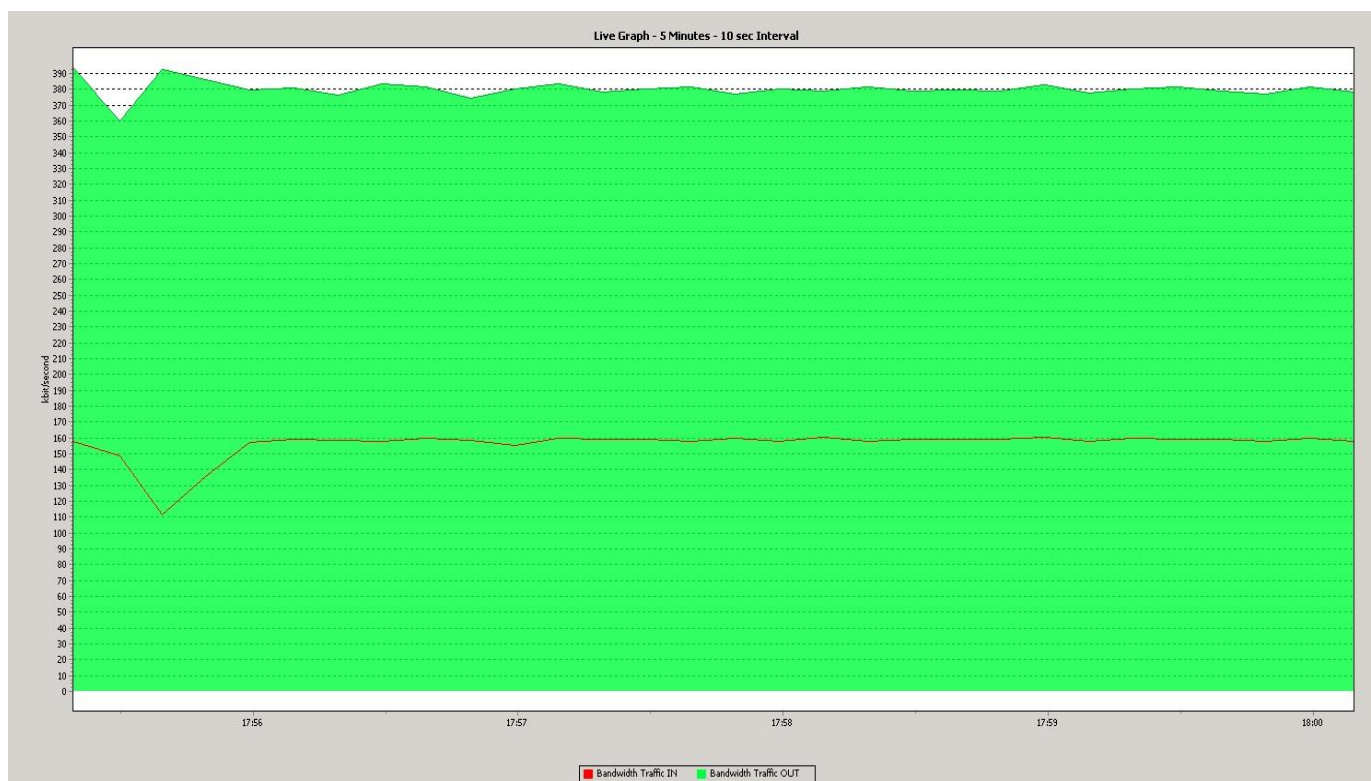| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Paulo Vila
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Elaine Gomes

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PIBA-4620	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
  1  1     0.000000       0.000000  DVB-S2 2           Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606181 GHz
Symbol Rate         : 44.999749 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         : -30 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -24 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    : -22.6 dBm
ODU Output Power    : 28.8 dBm
EIRP                : 42.1 dBW
Es/No               : 8.0 dB
Header Compression  :  DSM-CC
Timing correction   : -48 us (254185 us)
Frequency correction: 120 Hz


IP DVB: 10.148.4.222/32


 C:\>ping -n 10 10.173.57.1

 Pinging 10.173.57.1 with 32 bytes of data:

 Reply from 10.173.57.1: bytes=32 time=627ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=578ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=639ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=609ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=532ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=562ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=569ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=583ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=594ms TTL=62
 Reply from 10.173.57.1: bytes=32 time=614ms TTL=62

 Ping statistics for 10.173.57.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 532ms, Maximum = 639ms, Average = 590ms
```