prodemge

TERMO DE ACEITE TÉCNICO

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

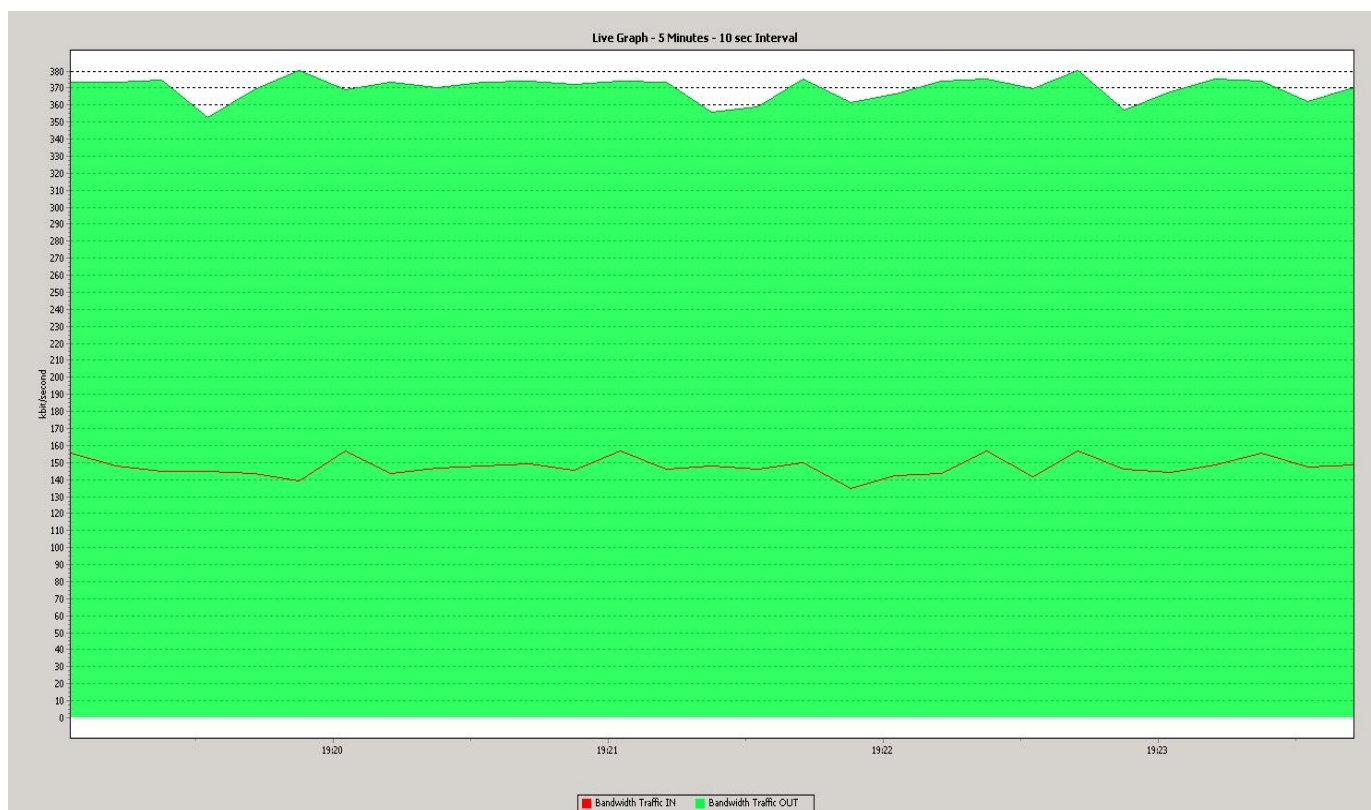|	
NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Paulo Vila
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Telma Coelho

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-FRAL-4206	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

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.606627 GHz
Symbol Rate        : 45.000135 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                : 9.5 dB
Input Power        : -23 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -27 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      : -26.8 dBm
ODU Output Power      : 29.1 dBm
EIRP                  : 42.4 dBW
Es/No                 : 7.5 dB
Header Compression    :  DSM-CC
Timing correction     : 26 us (254395 us)
Frequency correction: 170 Hz


IP DVB: 10.148.4.221/32


 C:\>ping -n 10 10.147.185.1

 Pinging 10.147.185.1 with 32 bytes of data:

 Reply from 10.147.185.1: bytes=32 time=559ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=658ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=577ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=689ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=609ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=535ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=639ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=563ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=675ms TTL=62
 Reply from 10.147.185.1: bytes=32 time=595ms TTL=62

 Ping statistics for 10.147.185.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 535ms, Maximum = 689ms, Average = 609ms
```