TERMO DE ACEITE TÉCNICO

prodemge

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

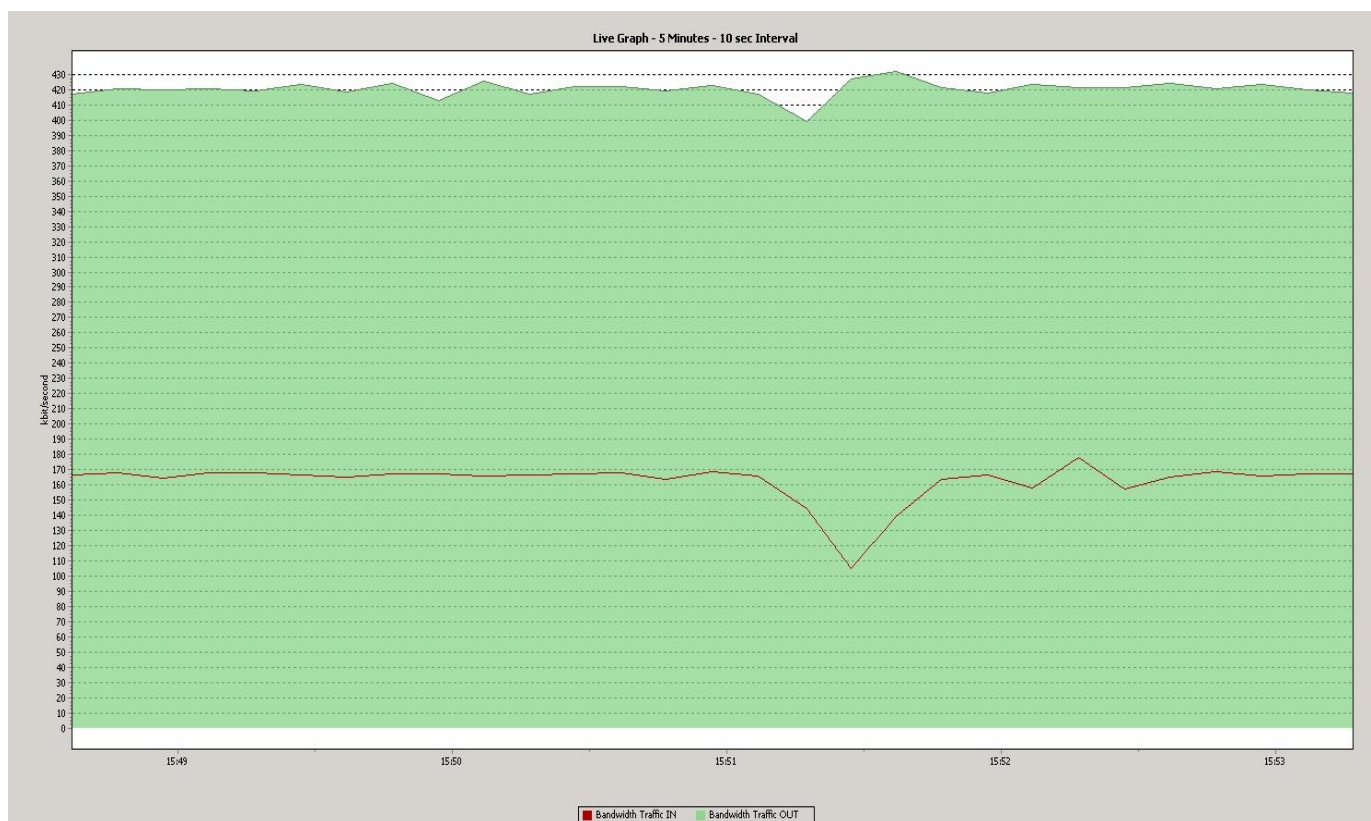|	
NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Marcos Antonio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Marlene Marques

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-TABA-3601	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           : 11.606499 GHz
Symbol Rate         : 45.000154 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         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Disabled
IDU Output Power    : -21 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    : -18.9 dBm
ODU Output Power    : 32.8 dBm
EIRP                : 46.1 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 72 us (251136 us)
Frequency correction: 40 Hz


IP DVB: 10.148.5.208/32


 Pinging 10.145.245.1 with 32 bytes of data:

 Reply from 10.145.245.1: bytes=32 time=589ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=598ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=604ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=519ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=618ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=533ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=572ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=547ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=556ms TTL=62
 Reply from 10.145.245.1: bytes=32 time=562ms TTL=62

 Ping statistics for 10.145.245.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 519ms, Maximum = 618ms, Average = 569ms
```