prodemge
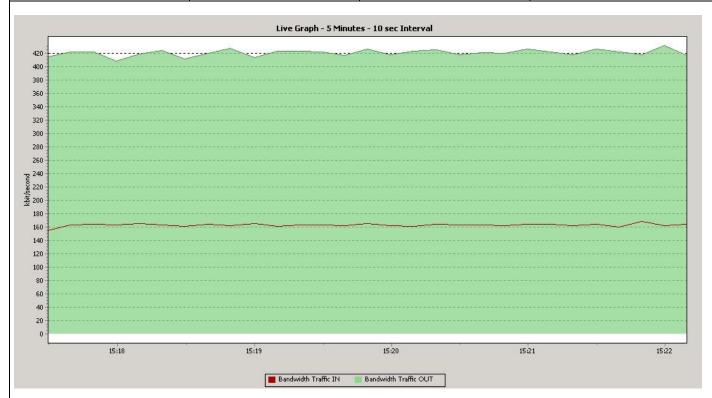
TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Fabrício Campolina
GRE/Prodemge: Marlu da Silva Santos	**Responsável/cliente:** Maria Elizabethe Durães Fonseca

Consórcio STM/Vodanet	**VSAT-ID** SES-POUE-3477	**Porta kbps** 384/153	**Plataforma** 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    13.333000      11.588250  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.588264 GHz
Symbol Rate          : 13.333018 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 13.6 dB
Input Power          : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -30 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    : -23.8 dBm
ODU Output Power    : 33.4 dBm
EIRP                : 46.7 dBW
Es/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -235 us (260536 us)
Frequency correction: -150 Hz
#


IP DVB 10.148.1.60/32

Pinging 10.145.154.1 with 32 bytes of data:

Reply from 10.145.154.1: bytes=32 time=557ms TTL=62
Reply from 10.145.154.1: bytes=32 time=577ms TTL=62
Reply from 10.145.154.1: bytes=32 time=575ms TTL=62
Reply from 10.145.154.1: bytes=32 time=595ms TTL=62
Reply from 10.145.154.1: bytes=32 time=606ms TTL=62
Reply from 10.145.154.1: bytes=32 time=529ms TTL=62
Reply from 10.145.154.1: bytes=32 time=549ms TTL=62
Reply from 10.145.154.1: bytes=32 time=560ms TTL=62
Reply from 10.145.154.1: bytes=32 time=581ms TTL=62
Reply from 10.145.154.1: bytes=32 time=592ms TTL=62

Ping statistics for 10.145.154.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 606ms, Average = 572ms
```