



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Ronan Alves

GRE/Prodemge: Marlu da Silva Santos

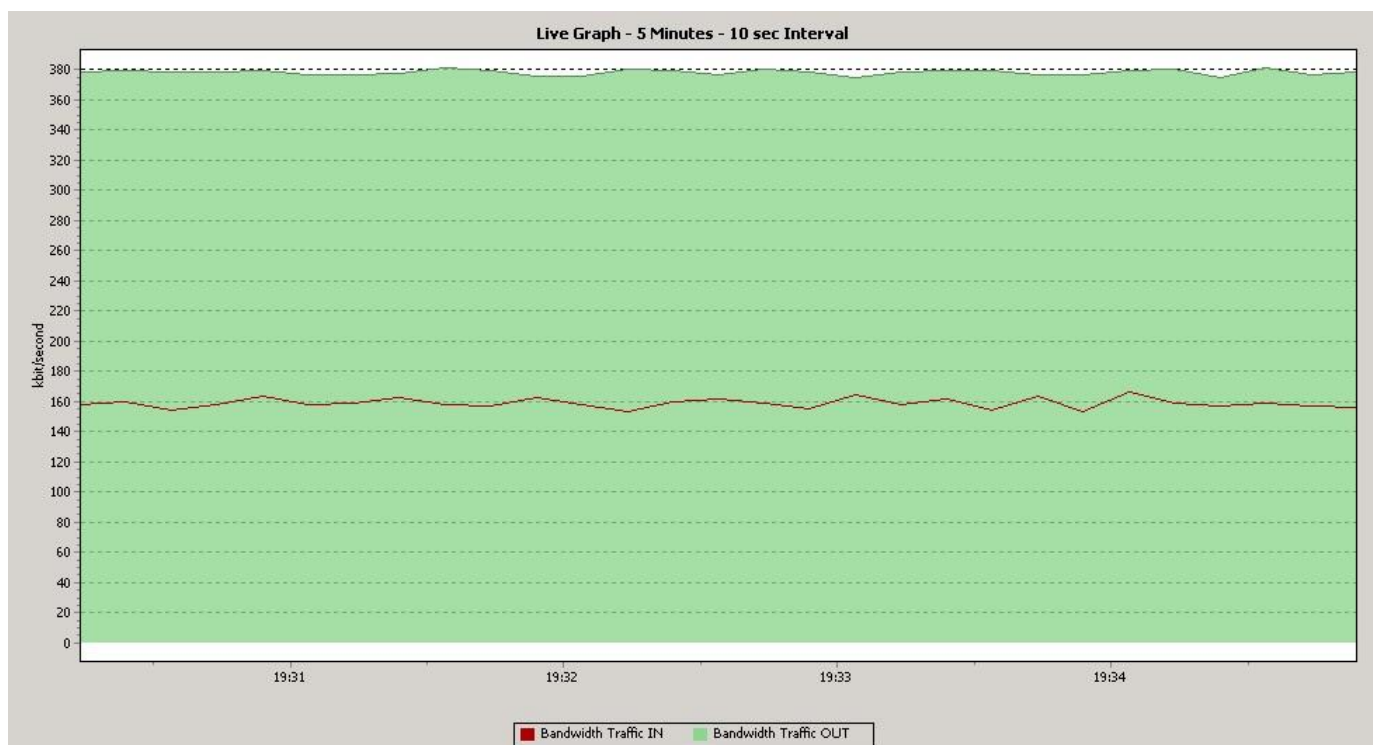
Responsável/cliente: Aldrey Lorentz Silva

Consórcio
STM/Vodanet

VSAT-ID
SES-BAIS-3735

Porta kbps
384/153

Plataforma
VSAT



```
#
Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max MODCOD           : 15    8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency          : On
RX watchdog           : 15 minute
```

Idx	Pri	SymbRate[Mbps]	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             : 11.588630 GHz
Symbol Rate          : 13.332784 Msps
S2 ModCod
- receiving          : 4    QPSK-1/2
- current max        : 21   16APSK-5/6
Pilot                 : On
Frame length          : Short frame
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 12.9 dB
Input Power           : -25 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -24 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     : -23.4 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Eb/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : -5 us (260597 us)
Frequency correction: -90 Hz

IP DVB 10.148.1.74/32

Pinging 10.146.42.1 with 32 bytes of data:

Reply from 10.146.42.1: bytes=32 time=529ms TTL=62
Reply from 10.146.42.1: bytes=32 time=567ms TTL=62
Reply from 10.146.42.1: bytes=32 time=558ms TTL=62
Reply from 10.146.42.1: bytes=32 time=569ms TTL=62
Reply from 10.146.42.1: bytes=32 time=589ms TTL=62
Reply from 10.146.42.1: bytes=32 time=600ms TTL=62
Reply from 10.146.42.1: bytes=32 time=620ms TTL=62
Reply from 10.146.42.1: bytes=32 time=543ms TTL=62
Reply from 10.146.42.1: bytes=32 time=553ms TTL=62
Reply from 10.146.42.1: bytes=32 time=574ms TTL=62

Ping statistics for 10.146.42.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 620ms, Average = 570ms
```