



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Jedsson Alves

GRE/Prodemge: Márlu da Silva Santos

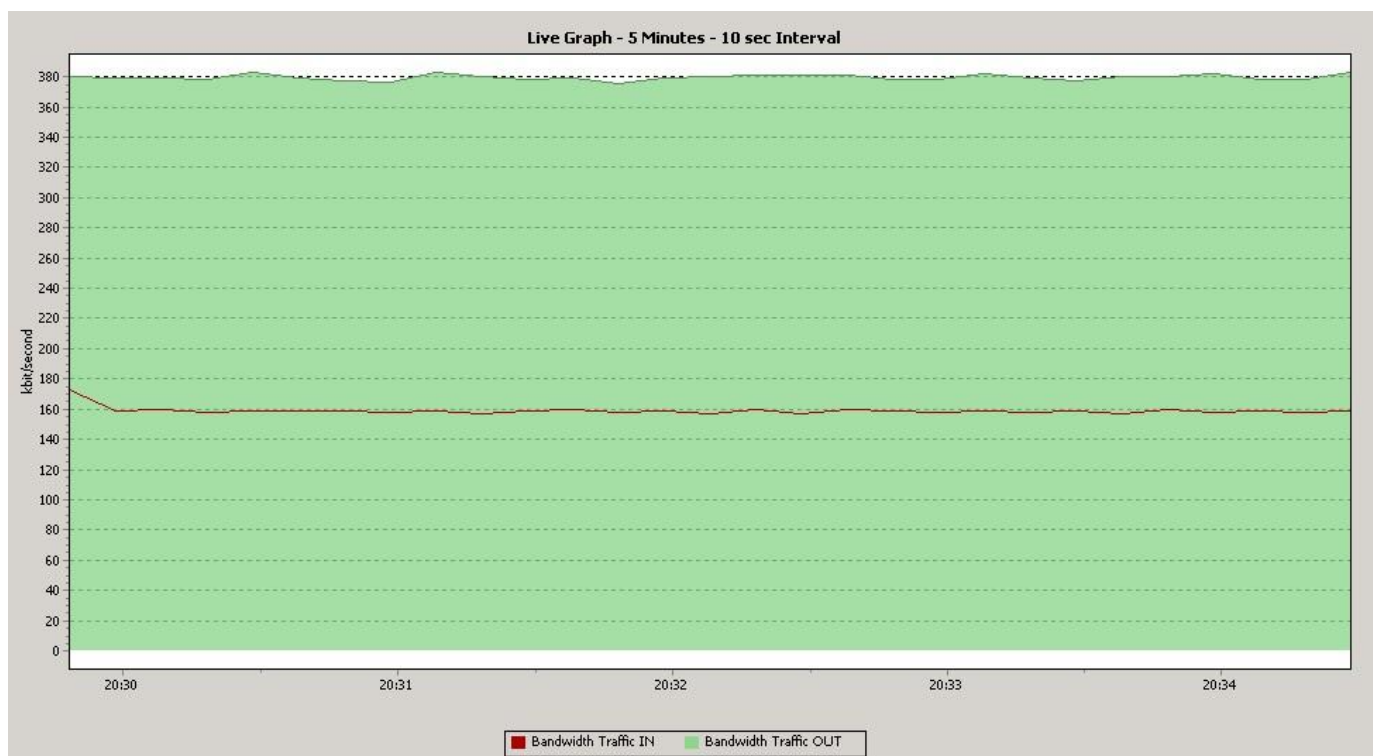
Responsável/cliente: Carla Mendes

Consórcio
STM/Vodanet

VSAT-ID
SES-MACU-3935

Porta kbps
384/153

Plataforma
VSAT



```
#
Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency          : On
RX watchdog          : 15 minute
```

Idx	Pri	SymbRate[Msp	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             : 11.588411 GHz
Symbol Rate          : 13.332941 Msp
S2 ModCod
- receiving           : 4   QPSK-1/2
- current max         : 15   8PSK-5/6
Pilot                 : On
Frame length          : Short frame
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 12.4 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -28 dBm
IDU max output power : 0.0 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     : -22.0 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 12.5 dB
Header Compression   : DSM-CC
Timing correction    : 91 us (260122 us)
Frequency correction : -110 Hz

IP DVB 10.148.2.53/32

Pinging 10.146.191.1 with 32 bytes of data:

Reply from 10.146.191.1: bytes=32 time=596ms TTL=62
Reply from 10.146.191.1: bytes=32 time=548ms TTL=62
Reply from 10.146.191.1: bytes=32 time=541ms TTL=62
Reply from 10.146.191.1: bytes=32 time=551ms TTL=62
Reply from 10.146.191.1: bytes=32 time=571ms TTL=62
Reply from 10.146.191.1: bytes=32 time=582ms TTL=62
Reply from 10.146.191.1: bytes=32 time=602ms TTL=62
Reply from 10.146.191.1: bytes=32 time=613ms TTL=62
Reply from 10.146.191.1: bytes=32 time=564ms TTL=62
Reply from 10.146.191.1: bytes=32 time=553ms TTL=62

Ping statistics for 10.146.191.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 541ms, Maximum = 613ms, Average = 572ms
```