



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Márlu da Silva Santos

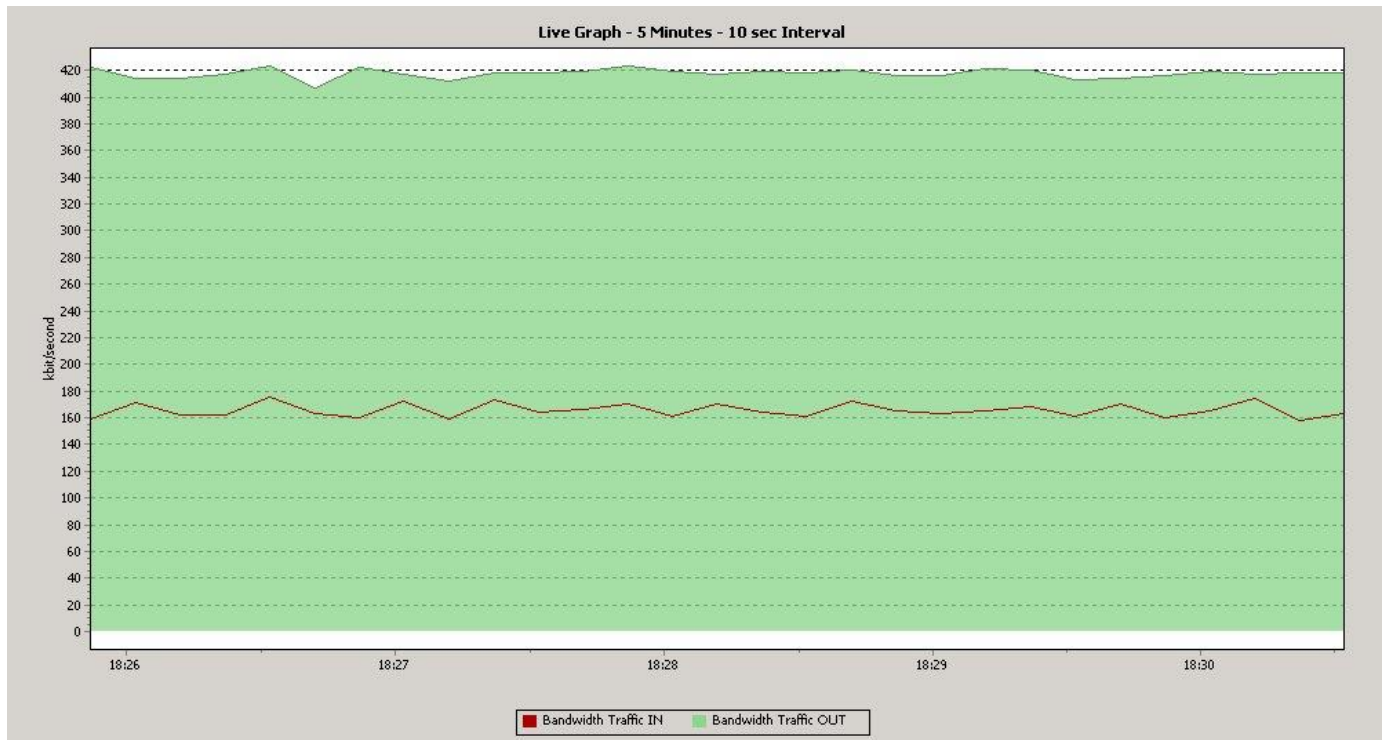
Responsável/cliente: Kelcia Fagundes de Andrade

Consórcio
STM/Vodanet

VSAT-ID
SES-ANIA-0830

Porta kbps
384/153

Plataforma
VSAT



```
#
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[Msp/s]	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             : 11.588431 GHz
Symbol Rate           : 13.333015 Msp/s
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                    : 13.0 dB
Input Power           : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -20 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     : -14.7 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -20 us (261402 us)
Frequency correction : -30 Hz
```

IP DVB 10.148.2.24/32

Pinging 10.144.149.1 with 32 bytes of data:

```
Reply from 10.144.149.1: bytes=32 time=590ms TTL=62
Reply from 10.144.149.1: bytes=32 time=600ms TTL=62
Reply from 10.144.149.1: bytes=32 time=557ms TTL=62
Reply from 10.144.149.1: bytes=32 time=545ms TTL=62
Reply from 10.144.149.1: bytes=32 time=556ms TTL=62
Reply from 10.144.149.1: bytes=32 time=577ms TTL=62
Reply from 10.144.149.1: bytes=32 time=587ms TTL=62
Reply from 10.144.149.1: bytes=32 time=608ms TTL=62
Reply from 10.144.149.1: bytes=32 time=530ms TTL=62
Reply from 10.144.149.1: bytes=32 time=540ms TTL=62
```

```
Ping statistics for 10.144.149.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 608ms, Average = 569ms
```