



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Fábio Passoni

GRE/Prodemge: Márlu da Silva Santos

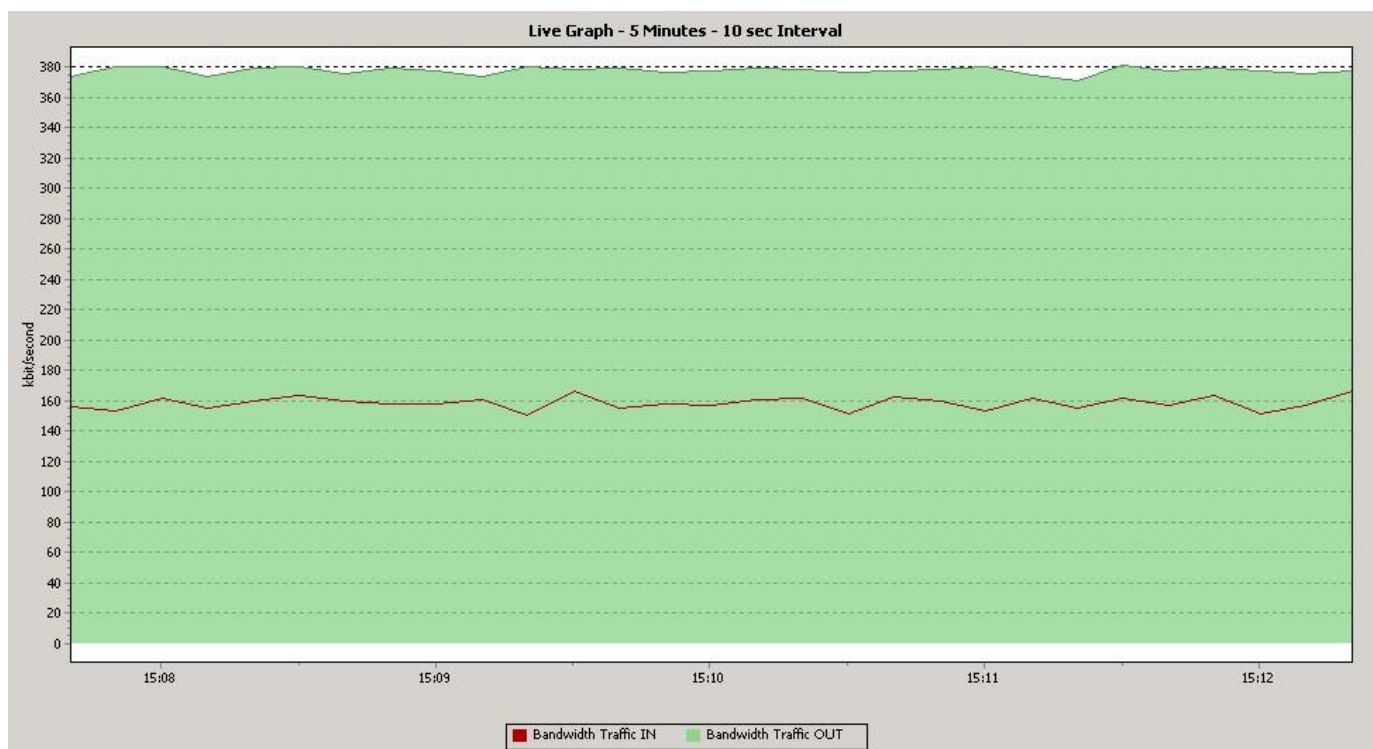
Responsável/cliente: José Andrade Campos

Consórcio
STM/Vodanet

VSAT-ID
SES-CAIA-3745

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             : 11.588116 GHz
Symbol Rate          : 13.332761 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                   : 12.4 dB
Input Power           : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -17 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     : -13.8 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Es/No                : 12.5 dB
Header Compression   : DSM-CC
Timing correction    : -153 us (260265 us)
Frequency correction : -110 Hz

IP DVB 10.148.1.160/32

Pinging 10.146.21.1 with 32 bytes of data:

Reply from 10.146.21.1: bytes=32 time=586ms TTL=62
Reply from 10.146.21.1: bytes=32 time=543ms TTL=62
Reply from 10.146.21.1: bytes=32 time=530ms TTL=62
Reply from 10.146.21.1: bytes=32 time=540ms TTL=62
Reply from 10.146.21.1: bytes=32 time=560ms TTL=62
Reply from 10.146.21.1: bytes=32 time=570ms TTL=62
Reply from 10.146.21.1: bytes=32 time=591ms TTL=62
Reply from 10.146.21.1: bytes=32 time=602ms TTL=62
Reply from 10.146.21.1: bytes=32 time=559ms TTL=62
Reply from 10.146.21.1: bytes=32 time=547ms TTL=62

Ping statistics for 10.146.21.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 530ms, Maximum = 602ms, Average = 562ms
```