



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Efren Peixoto

GRE/Prodemge: Douglas Alvares

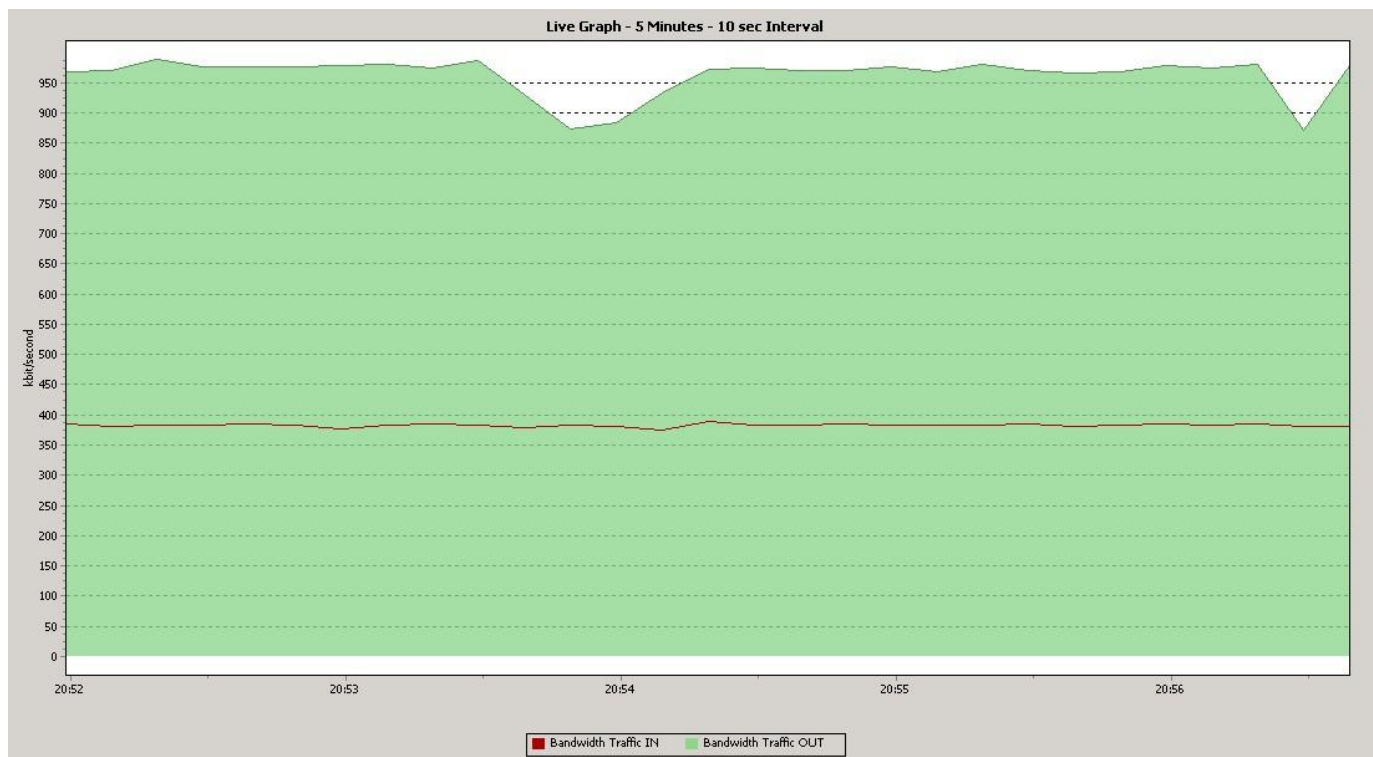
Responsável/cliente: Silvia Mariana Alves

Consórcio
STM/Vodanet

VSAT-ID
SES-PEES-0838

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	45.000000	11.606250	DVB-S2	2	Yes

```
Satellite (DVB) Receiver Status
-----
```

```
Rx State           : On
DVB State           : Forward link up
Network             : 65281, Prodemge@Vodanet
Frequency            : 11.606347 GHz
Symbol Rate         : 44.999917 Msp/s
S2 ModCod
- receiving         : 4   QPSK-1/2
- current max       : 13  8PSK-2/3
Pilot                : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                  : 10.5 dB
Input Power         : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -16 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     : -16.0 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 11.5 dB
Header Compression   : DSM-CC
Timing correction    : 198 us (253412 us)
Frequency correction : 40 Hz
#

IP DVB 10.148.3.167/32

Pinging 10.144.157.1 with 32 bytes of data:

Reply from 10.144.157.1: bytes=32 time=567ms TTL=62
Reply from 10.144.157.1: bytes=32 time=582ms TTL=62
Reply from 10.144.157.1: bytes=32 time=598ms TTL=62
Reply from 10.144.157.1: bytes=32 time=580ms TTL=62
Reply from 10.144.157.1: bytes=32 time=535ms TTL=62
Reply from 10.144.157.1: bytes=32 time=551ms TTL=62
Reply from 10.144.157.1: bytes=32 time=534ms TTL=62
Reply from 10.144.157.1: bytes=32 time=583ms TTL=62
Reply from 10.144.157.1: bytes=32 time=598ms TTL=62
Reply from 10.144.157.1: bytes=32 time=554ms TTL=62

Ping statistics for 10.144.157.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 534ms, Maximum = 598ms, Average = 568ms
```