



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: Rafael Alves Ferreira

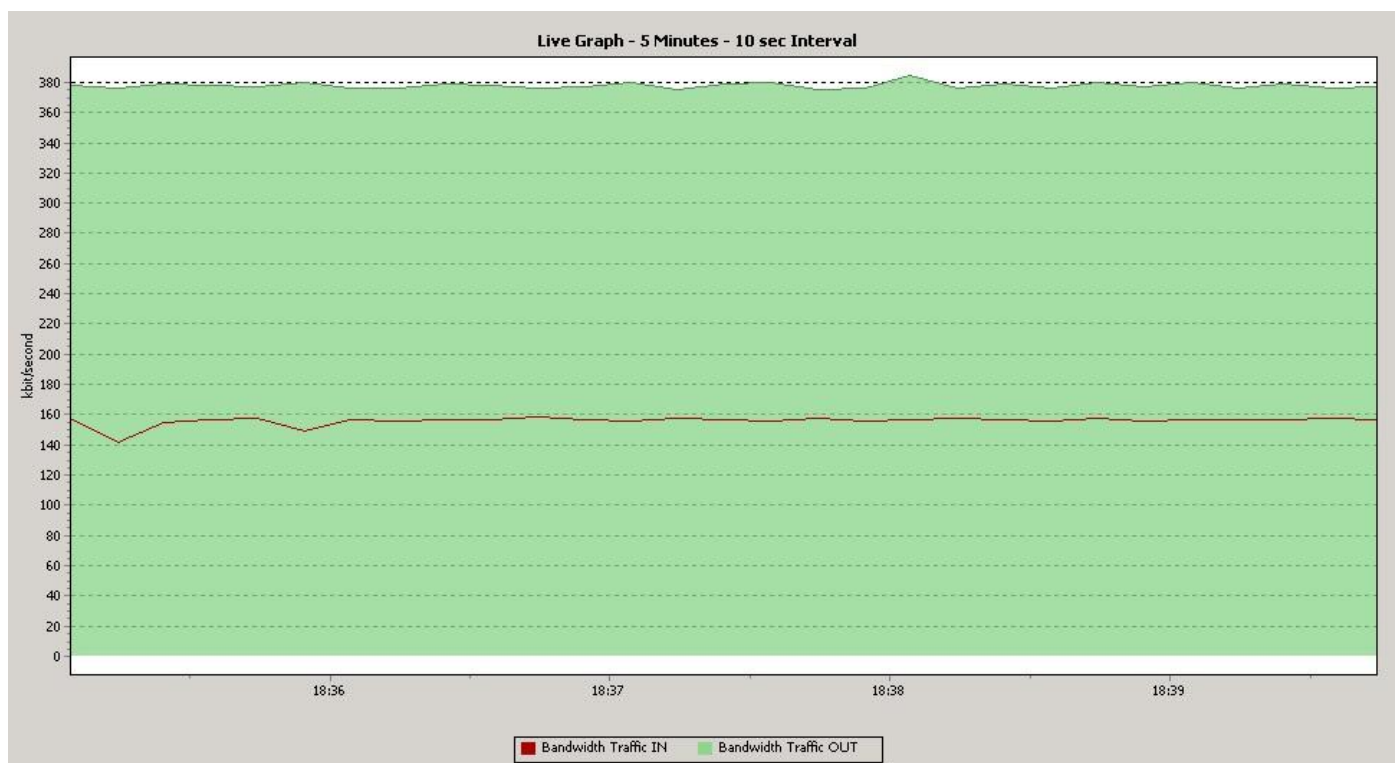
Responsável/cliente: Lucilene Soares da Silva

Consórcio
STM/Vodanet

VSAT-ID
SES-LACE-3456

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[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              : 11.588542 GHz
Symbol Rate           : 13.332915 Msps
S2 ModCod
- receiving           : 4   QPSK-1/2
- current max         : 14   8PSK-3/4
Pilot                  : On
Frame length          : Short frame
DVB S2 Mode            : ACM
Roll off               : 0.25
SNR                    : 11.4 dB
Input Power           : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -24 dBm
IDU max output power : 0.0 dBm
EIRP                 : 48.0 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     : -19.1 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 48.4 dBW
Es/No                : 11.0 dB
Header Compression   : DSM-CC
Timing correction    : -72 us (260593 us)
Frequency correction : -20 Hz

IP DVB 10.148.0.246/32

Pinging 10.145.112.1 with 32 bytes of data:

Reply from 10.145.112.1: bytes=32 time=528ms TTL=62
Reply from 10.145.112.1: bytes=32 time=549ms TTL=62
Reply from 10.145.112.1: bytes=32 time=560ms TTL=62
Reply from 10.145.112.1: bytes=32 time=580ms TTL=62
Reply from 10.145.112.1: bytes=32 time=558ms TTL=62
Reply from 10.145.112.1: bytes=32 time=611ms TTL=62
Reply from 10.145.112.1: bytes=32 time=622ms TTL=62
Reply from 10.145.112.1: bytes=32 time=578ms TTL=62
Reply from 10.145.112.1: bytes=32 time=565ms TTL=62
Reply from 10.145.112.1: bytes=32 time=576ms TTL=62

Ping statistics for 10.145.112.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 622ms, Average = 572ms
```