



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Rodrigo Carlos Martins

GRE/Prodemge: Márlu da Silva Santos

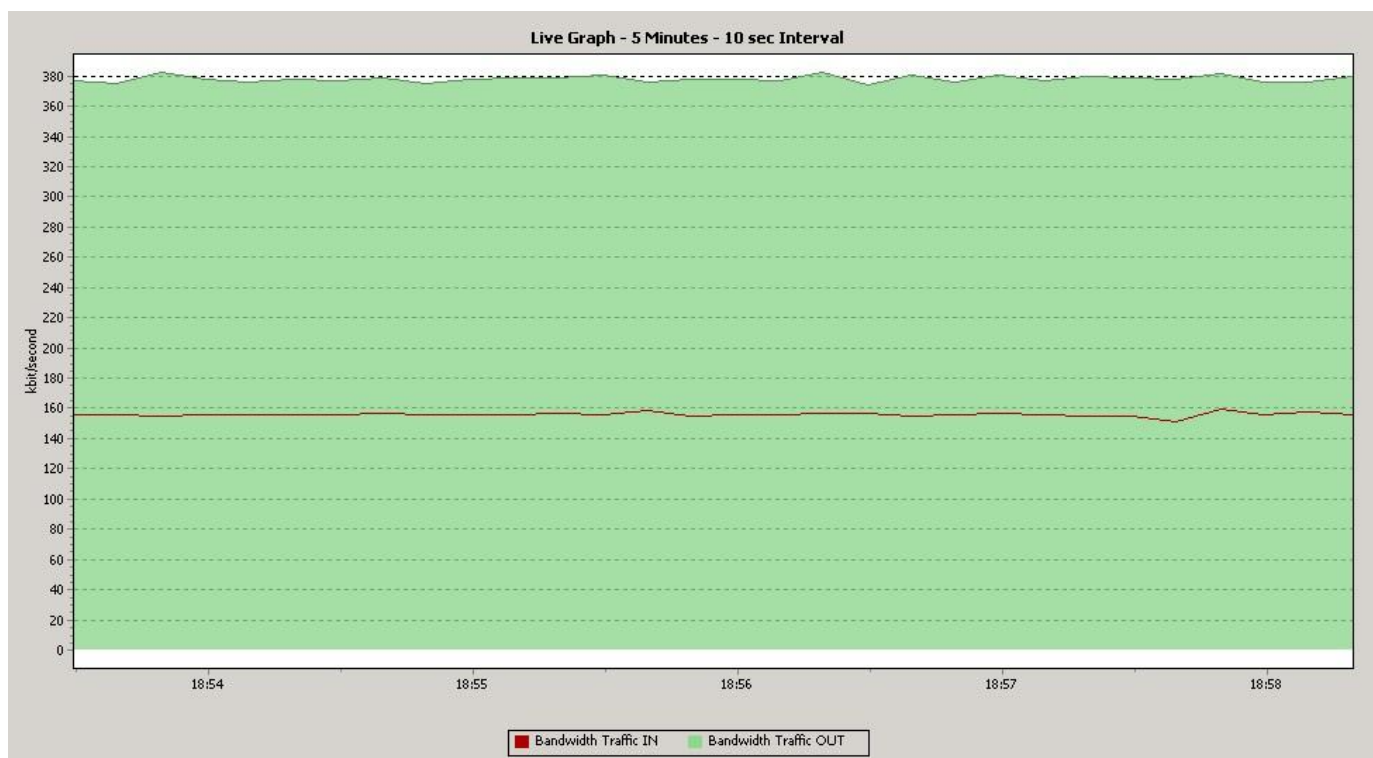
Responsável/cliente: Tatiane Lurdes Carvalho Mendes

Consórcio
STM/Vodanet

VSAT-ID
SES-PAOS-3966

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[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            : 11.587958 GHz
Symbol Rate         : 13.332869 Msps
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                  : 13.1 dB
Input Power         : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -27 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 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     : -20.8 dBm
ODU Output Power     : 29.0 dBm
EIRP                 : 42.3 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : 58 us (261020 us)
Frequency correction : 30 Hz

IP DVB 10.148.1.207/32

Pinging 10.146.222.1 with 32 bytes of data:

Reply from 10.146.222.1: bytes=32 time=531ms TTL=62
Reply from 10.146.222.1: bytes=32 time=584ms TTL=62
Reply from 10.146.222.1: bytes=32 time=595ms TTL=62
Reply from 10.146.222.1: bytes=32 time=552ms TTL=62
Reply from 10.146.222.1: bytes=32 time=540ms TTL=62
Reply from 10.146.222.1: bytes=32 time=550ms TTL=62
Reply from 10.146.222.1: bytes=32 time=571ms TTL=62
Reply from 10.146.222.1: bytes=32 time=587ms TTL=62
Reply from 10.146.222.1: bytes=32 time=566ms TTL=62
Reply from 10.146.222.1: bytes=32 time=618ms TTL=62

Ping statistics for 10.146.222.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 618ms, Average = 569ms
```