



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Cid Santos

GRE/Prodemge: Márlu da Silva Santos

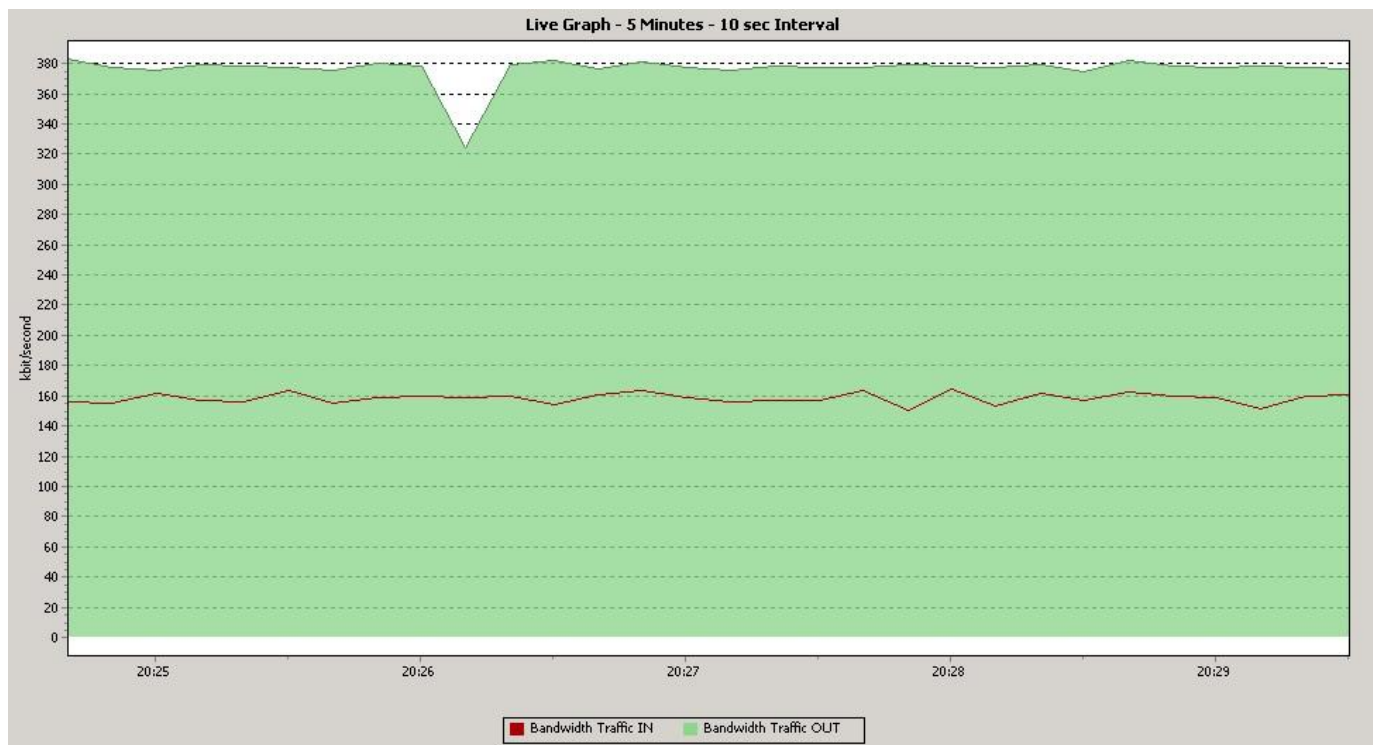
Responsável/cliente: Marisa da Rocha

Consórcio
STM/Vodanet

VSAT-ID
SES-OUTO-4024

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             : 11.588503 GHz
Symbol Rate           : 13.332828 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                    : 13.3 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 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     : -18.5 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : 136 us (260724 us)
Frequency correction : -120 Hz

IP DVB 10.148.1.226/32

Pinging 10.147.17.1 with 32 bytes of data:

Reply from 10.147.17.1: bytes=32 time=632ms TTL=62
Reply from 10.147.17.1: bytes=32 time=555ms TTL=62
Reply from 10.147.17.1: bytes=32 time=575ms TTL=62
Reply from 10.147.17.1: bytes=32 time=585ms TTL=62
Reply from 10.147.17.1: bytes=32 time=606ms TTL=62
Reply from 10.147.17.1: bytes=32 time=529ms TTL=62
Reply from 10.147.17.1: bytes=32 time=540ms TTL=62
Reply from 10.147.17.1: bytes=32 time=560ms TTL=62
Reply from 10.147.17.1: bytes=32 time=543ms TTL=62
Reply from 10.147.17.1: bytes=32 time=592ms TTL=62

Ping statistics for 10.147.17.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 529ms, Maximum = 632ms, Average = 571ms
```