



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Dhiony Miranda Rodrigues

GRE/Prodemge: Aguinaldo de Matos

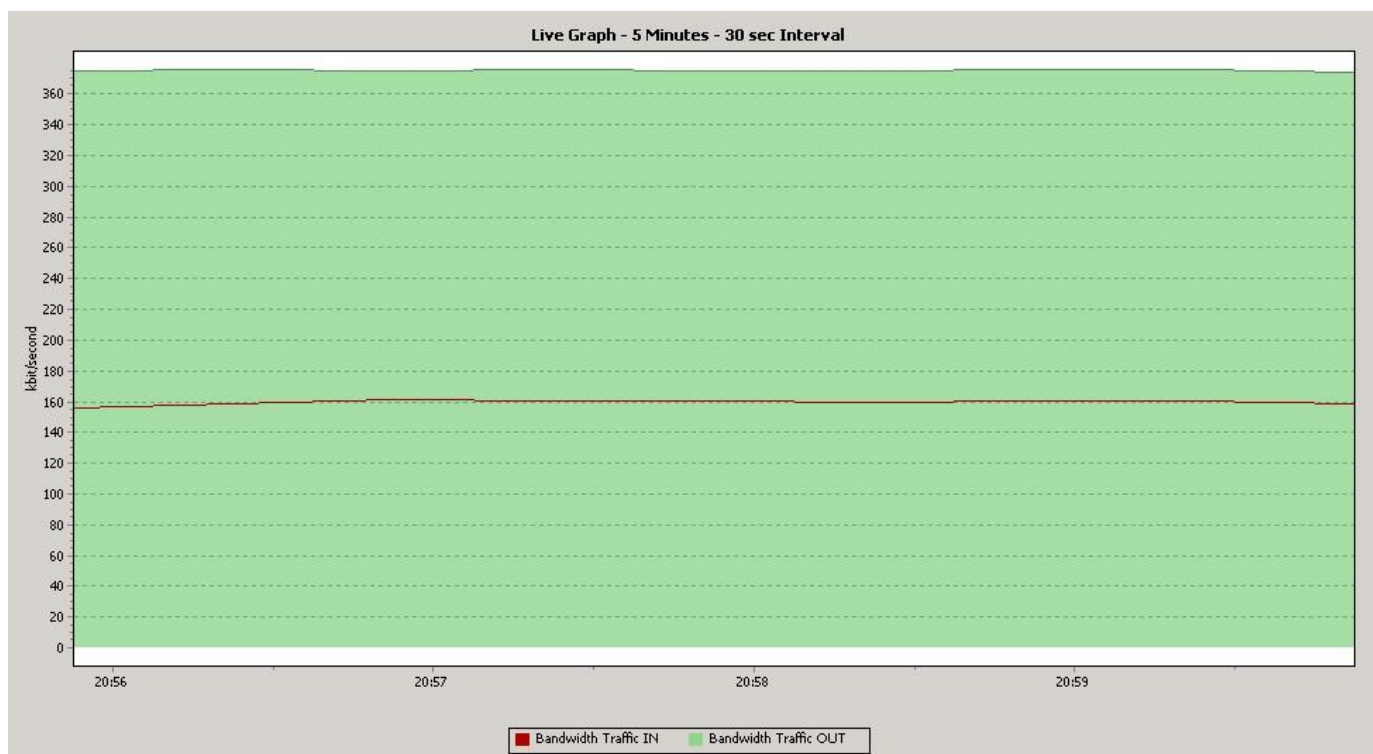
Responsável/cliente: Lucia Freire da Silva

Consórcio
STM/Vodanet

VSAT-ID
SES-CATI-5836

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	45.000000	11.606250	DVB-S2	3	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606683 GHz
Symbol Rate : 45.000315 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 14 8PSK-3/4
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 11.8 dB
Input Power : -28 dBm

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 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     : -18.6 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 11.2 dB
Header Compression   : DSM-CC
Timing correction    : 116 us (250773 us)
Frequency correction : 180 Hz
#
```

```
IP DVB 10.148.7.120/32
```

```
Pinging 10.175.208.1 with 32 bytes of data:
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```
Reply from 10.175.208.1: bytes=32 time=606ms TTL=62
Reply from 10.175.208.1: bytes=32 time=523ms TTL=62
Reply from 10.175.208.1: bytes=32 time=523ms TTL=62
Reply from 10.175.208.1: bytes=32 time=536ms TTL=62
Reply from 10.175.208.1: bytes=32 time=537ms TTL=62
Reply from 10.175.208.1: bytes=32 time=549ms TTL=62
Reply from 10.175.208.1: bytes=32 time=520ms TTL=62
Reply from 10.175.208.1: bytes=32 time=564ms TTL=62
Reply from 10.175.208.1: bytes=32 time=565ms TTL=62
Reply from 10.175.208.1: bytes=32 time=578ms TTL=62
```

```
Ping statistics for 10.175.208.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 520ms, Maximum = 606ms, Average = 550ms
```