



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Maria Cristina Carvalho

GRE/Prodemge: Márlu da Silva Santos

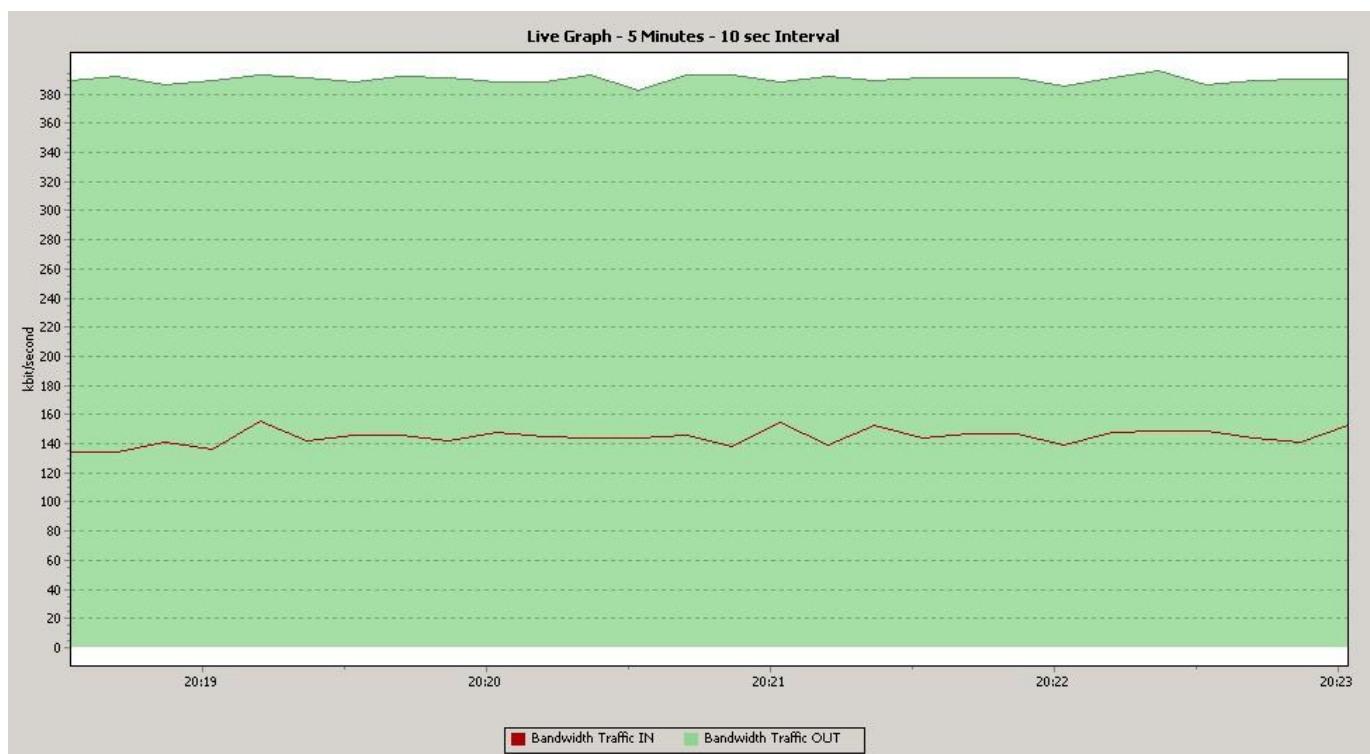
Responsável/cliente: Ed Carlos dos Santos Carvalho

Consórcio
STM/Vodanet

VSAT-ID
SES-OUTO-4046

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[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            : 11.588656 GHz
Symbol Rate          : 13.332900 Msp/s
S2 ModCod
- receiving          : 4   QPSK-1/2
- current max        : 15   8PSK-5/6
Pilot                : On
Frame length         : Short frame
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 13.2 dB
Input Power          : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -18 dBm
IDU max output power : 0.0 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     : -16.3 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -97 us (260930 us)
Frequency correction : -100 Hz

IP DVB 10.148.2.41/32

Pinging 10.147.42.1 with 32 bytes of data:

Reply from 10.147.42.1: bytes=32 time=596ms TTL=62
Reply from 10.147.42.1: bytes=32 time=1166ms TTL=62
Reply from 10.147.42.1: bytes=32 time=554ms TTL=62
Reply from 10.147.42.1: bytes=32 time=565ms TTL=62
Reply from 10.147.42.1: bytes=32 time=586ms TTL=62
Reply from 10.147.42.1: bytes=32 time=564ms TTL=62
Reply from 10.147.42.1: bytes=32 time=616ms TTL=62
Reply from 10.147.42.1: bytes=32 time=538ms TTL=62
Reply from 10.147.42.1: bytes=32 time=581ms TTL=62
Reply from 10.147.42.1: bytes=32 time=753ms TTL=62

Ping statistics for 10.147.42.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 538ms, Maximum = 1166ms, Average = 651ms
```