



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Albo Borges Vieira

Operadora/Cliente: João Widar

GRE/Prodemge: Aguinaldo de Matos

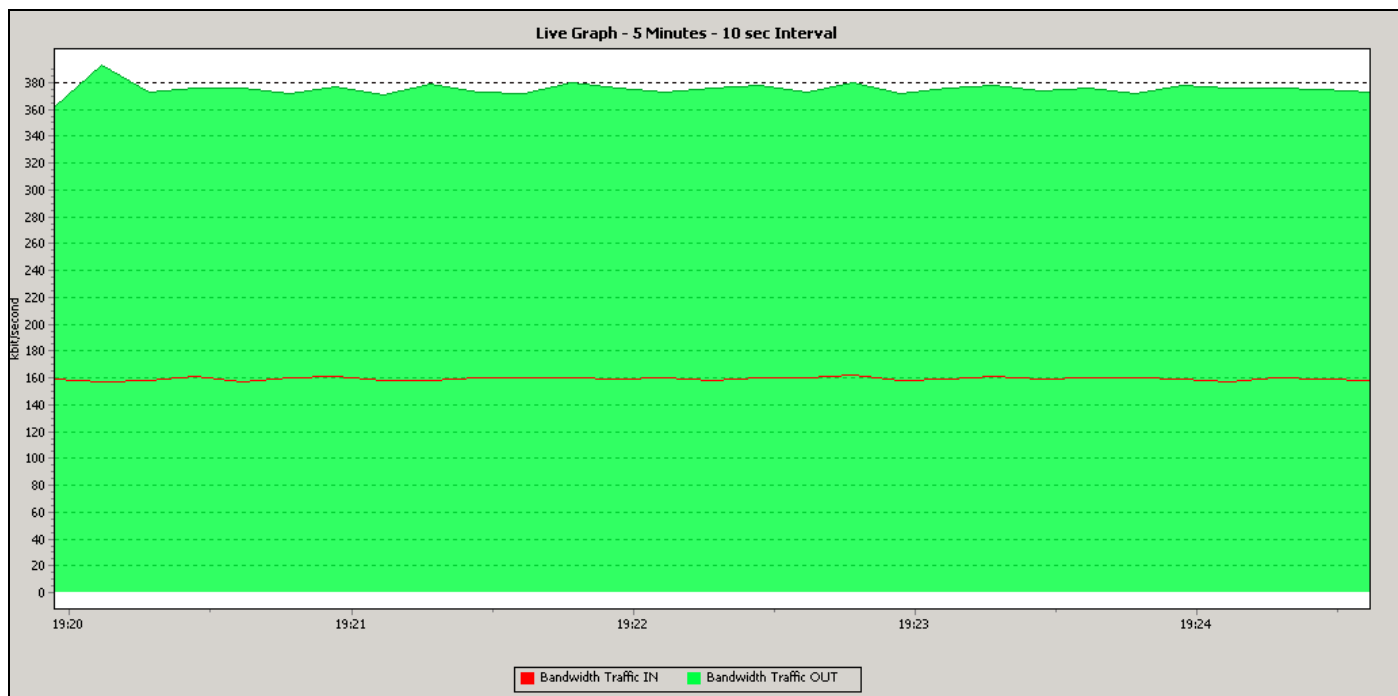
Responsável/cliente: Samea Angelica Souza

Consórcio
STM/Vodanet

VSAT-ID
SES-CATI-6155

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
1	1	0.000000	0.000000	DVB-S2	2	No

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606454 GHz
Symbol Rate : 44.999380 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 : 10.7 dB
Input Power : -27 dBm

Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU Output Power     : -30 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power     : max  
EIRP                 : max  
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     : -14.5 dBm  
ODU Output Power     : 34.7 dBm  
EIRP                 : 48.0 dBW  
Es/No                : 11.0 dB  
Header Compression   : DSM-CC  
Timing correction    : 5 us (250705 us)  
Frequency correction: 350 Hz
```

IP DVB: **10.148.7.100/24**

Pinging 10.175.247.1 with 32 bytes of data:

```
Reply from 10.175.247.1: bytes=32 time=612ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=558ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=570ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=572ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=584ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=587ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=600ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=571ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=614ms TTL=62  
Reply from 10.175.247.1: bytes=32 time=529ms TTL=62
```

Ping statistics for 10.175.247.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 529ms, Maximum = 614ms, Average = 579ms
```