



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Ailton Gabriel

GRE/Prodemge: Douglas Alvares

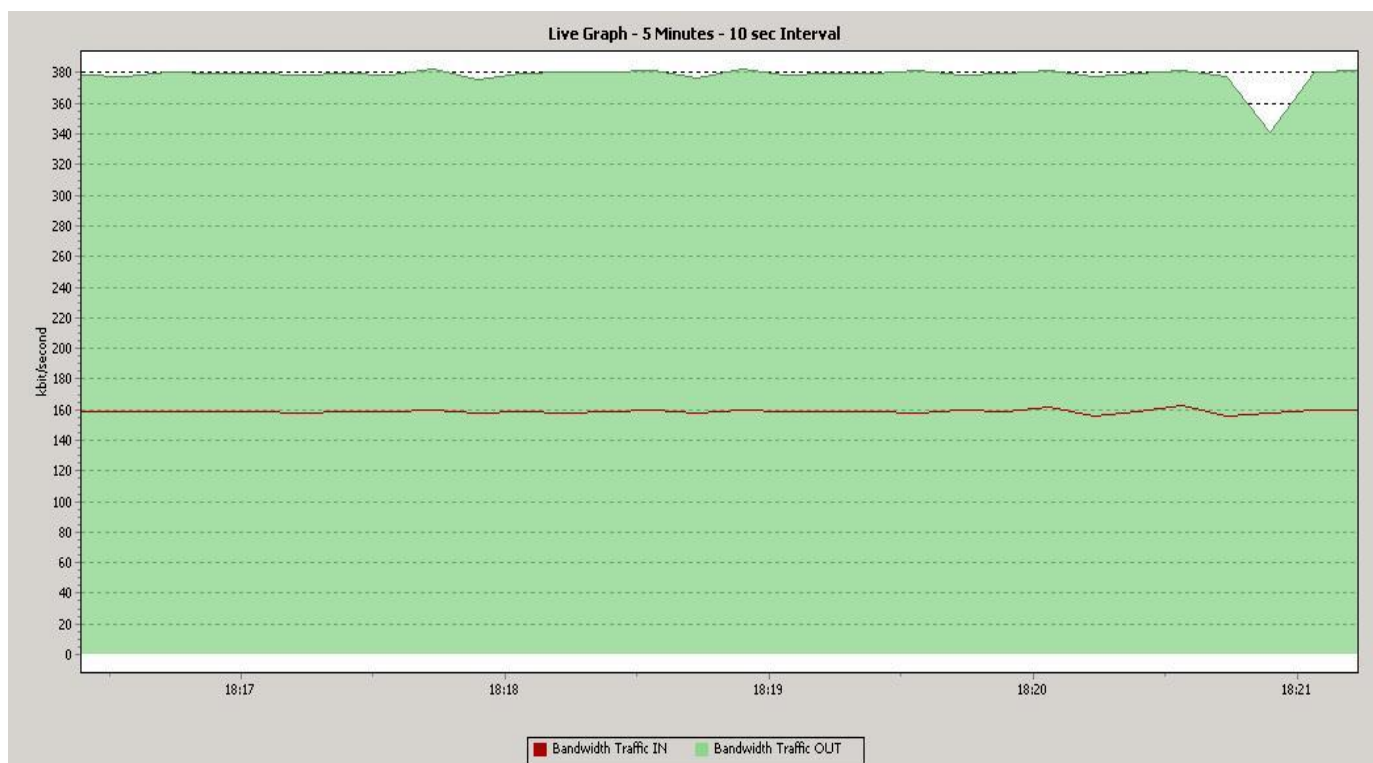
Responsável/cliente: Monica Oliveira

Consórcio
STM/Vodanet

VSAT-ID
SES-SADO-4237

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	2	Yes
1	1	0.000000	0.000000	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606899 GHz
Symbol Rate : 44.999813 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 9 QPSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 8.1 dB
Input Power : -34 dBm

Satellite (DVB) TX Configuration

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-----  
Auto start           : Enabled  
IDU Output Power     : -20 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     : -17.1 dBm  
ODU Output Power     : 33.7 dBm  
EIRP                 : 47.0 dBW  
Es/No                : 10.0 dB  
Header Compression   : DSM-CC  
Timing correction    : 155 us (252159 us)  
Frequency correction : 50 Hz
```

IP DVB: 10.148.3.177/32

C:\>ping -n 10 10.147.216.1

Pinging 10.147.216.1 with 32 bytes of data:

```
Reply from 10.147.216.1: bytes=32 time=569ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=548ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=600ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=523ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=567ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=551ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=564ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=582ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=596ms TTL=62  
Reply from 10.147.216.1: bytes=32 time=612ms TTL=62
```

Ping statistics for 10.147.216.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 523ms, Maximum = 612ms, Average = 571ms
```