



TERMO DE ACEITE TÉCNICO

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

Data: 05/01/2012

NOC/Operadora: Bruno Resston Moreira

Operadora/Cliente: Fabricio Campolina

GRE/Prodemge: Douglas Alvares

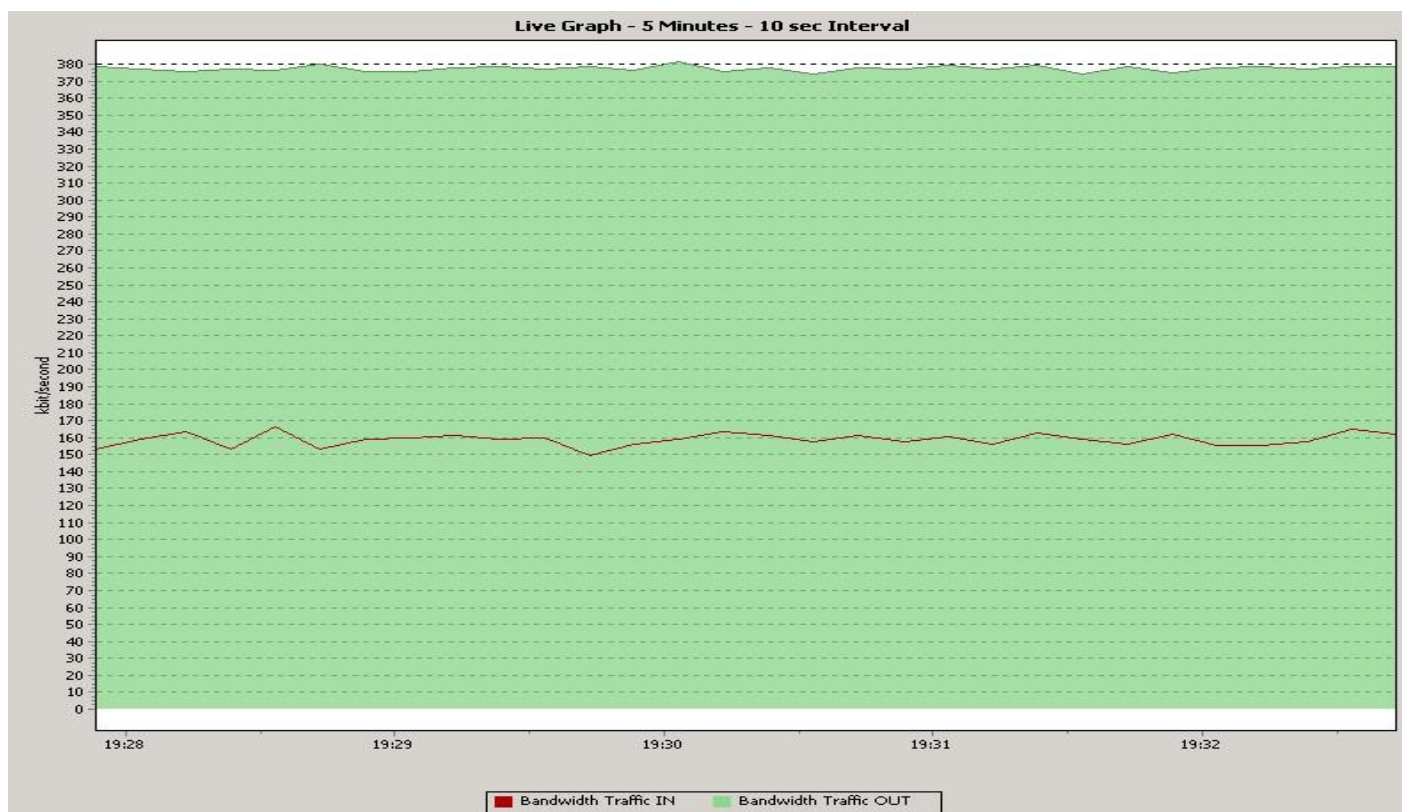
Responsável/cliente: Renata Campos Marques

Consórcio
STM/Vodanet

VSAT-ID
SES-MOCA-0730

Porta kbps
384/153

Plataforma
VSAT



Satellite (DVB) RX Configuration

Auto start : Enabled
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency : On
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	7.120000	11.583700	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.584077 GHz
Symbol Rate : 7.119905 Msp/s
S2 ModCod
- receiving : 13 8PSK-2/3
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 14.3 dB
Input Power : -35 dBm

Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU Output Power     : -11 dBm  
IDU Max Output Power : 0.0 dBm  
ODU Output Power     : 32.5 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

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-----  
State                : On (TDMA)  
IDU Output Power     : -18.4 dBm  
ODU Output Power     : 33.1 dBm  
EIRP                 : 46.6 dBW  
Es/No                : 14.0 dB  
Header Compression   : DSM-CC  
Timing correction    : -321 us (271523 us)  
Frequency correction : 190 Hz
```

IP DVB: 10.148.0.17

Pinging 10.144.66.1 with 32 bytes of data:

```
Reply from 10.144.66.1: bytes=32 time=624ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=543ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=554ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=575ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=553ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=607ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=618ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=541ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=561ms TTL=62  
Reply from 10.144.66.1: bytes=32 time=572ms TTL=62
```

Ping statistics for 10.144.66.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 541ms, Maximum = 624ms, Average = 574ms
```