



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Erminio Alves Ribeiro Junior

Operadora/Cliente: João Carlos

GRE/Prodemge: Aguinaldo de Matos

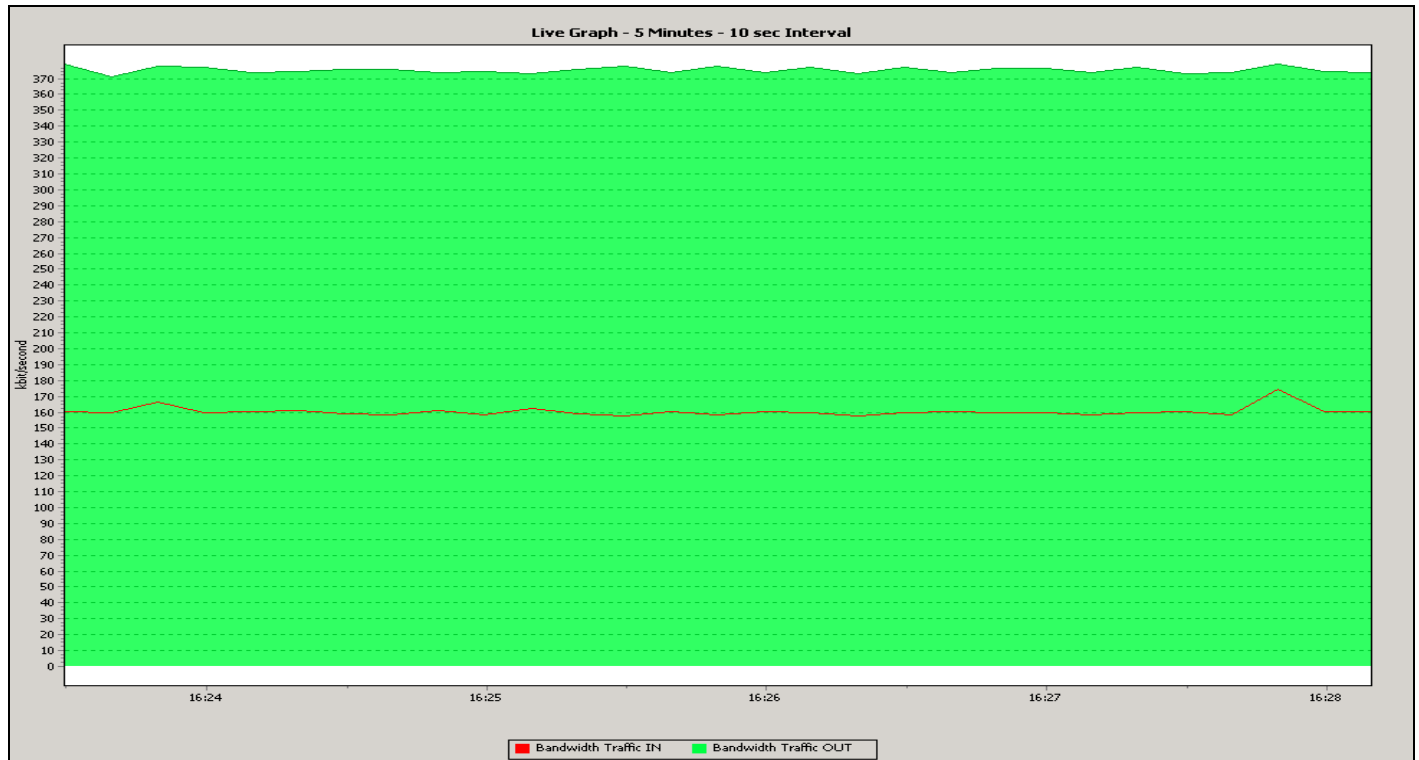
Responsável/cliente: Claudia Carvalho Campos

Consórcio
STM/Vodanet

VSAT-ID
SES-SERO-5094

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 : 11.605916 GHz
Symbol Rate: 44.999938 Mbps
S2 ModCod - receiving : 4QPSK-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: -22 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

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-----  
State                : On (TDMA)  
IDU Output Power     : -18.2 dBm  
ODU Output Power     : 34.4 dBm  
EIRP                 : 47.7 dBW  
Es/No                : 13.5 dB  
Header Compression   : DSM-CC  
Timing correction    : 43 us (251559 us)  
Frequency correction: -220 Hz
```

IP DVB 10.148.6.159/32

Pinging 10.173.193.1 with 32 bytes of data:

```
Reply from 10.173.193.1: bytes=32 time=1395ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=549ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=551ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=564ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=569ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=578ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=552ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=593ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=599ms TTL=62  
Reply from 10.173.193.1: bytes=32 time=546ms TTL=62
```

Ping statistics for 10.173.193.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 546ms, Maximum = 1395ms, Average = 649ms
```