



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho

Operadora/Cliente: Leandro Cruz dos Santos

GRE/Prodemge: Aguinaldo de Matos

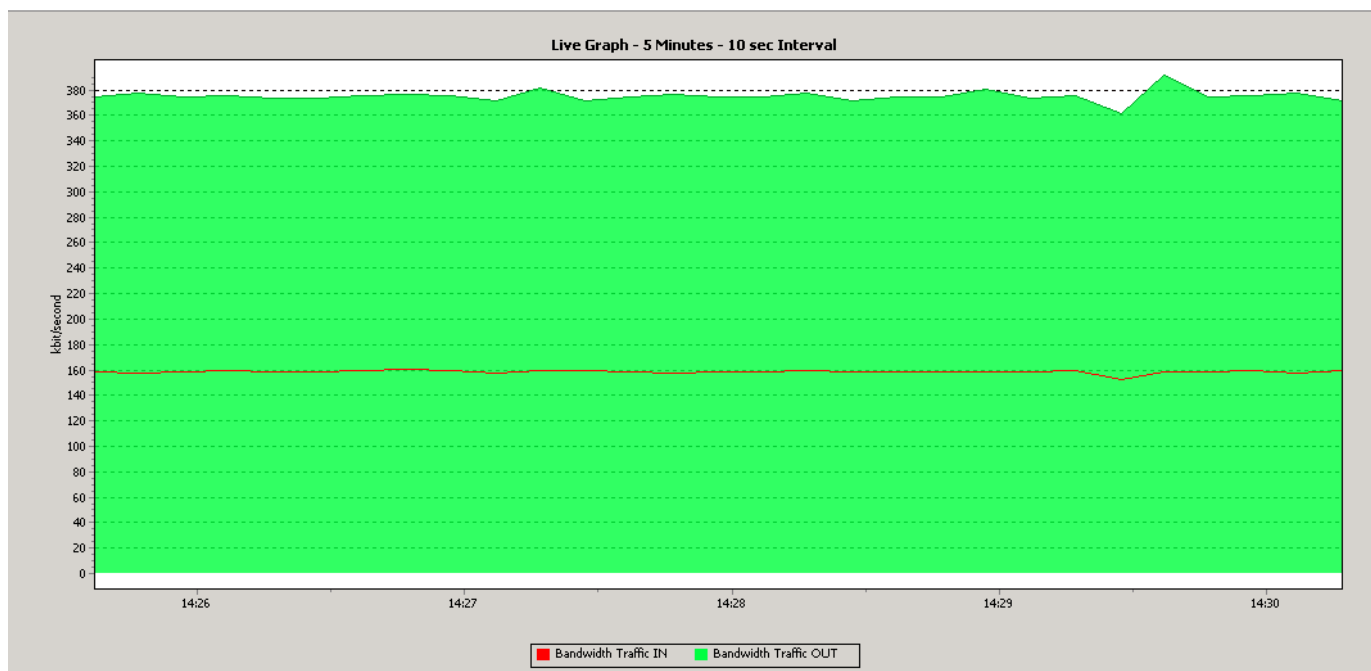
Responsável/cliente: Aguimar Gomes

Consórcio
STM/Vodanet

VSAT-ID
SES-PAOS-5221

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[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	45.000000	11.606250	DVB-S2 2		Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606377 GHz
Symbol Rate : 44.999592 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 13 8PSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 9.8 dB
Input Power : -24 dBm

Satellite (DVB) TX Configuration

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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     : -16.7 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.6 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : -181 us (253438 us)
Frequency correction : -80 Hz
```

IP DVB: 10.148.5.43/32

Pinging 10.174.28.1 with 32 bytes of data:

```
Reply from 10.174.28.1: bytes=32 time=728ms TTL=62
Reply from 10.174.28.1: bytes=32 time=526ms TTL=62
Reply from 10.174.28.1: bytes=32 time=575ms TTL=62
Reply from 10.174.28.1: bytes=32 time=589ms TTL=62
Reply from 10.174.28.1: bytes=32 time=543ms TTL=62
Reply from 10.174.28.1: bytes=32 time=529ms TTL=62
Reply from 10.174.28.1: bytes=32 time=543ms TTL=62
Reply from 10.174.28.1: bytes=32 time=559ms TTL=62
Reply from 10.174.28.1: bytes=32 time=542ms TTL=62
Reply from 10.174.28.1: bytes=32 time=591ms TTL=62
```

Ping statistics for 10.174.28.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 526ms, Maximum = 728ms, Average = 572ms
```