



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Mario Lucio Souza da Silva

GRE/Prodemge: Agnaldo de Matos

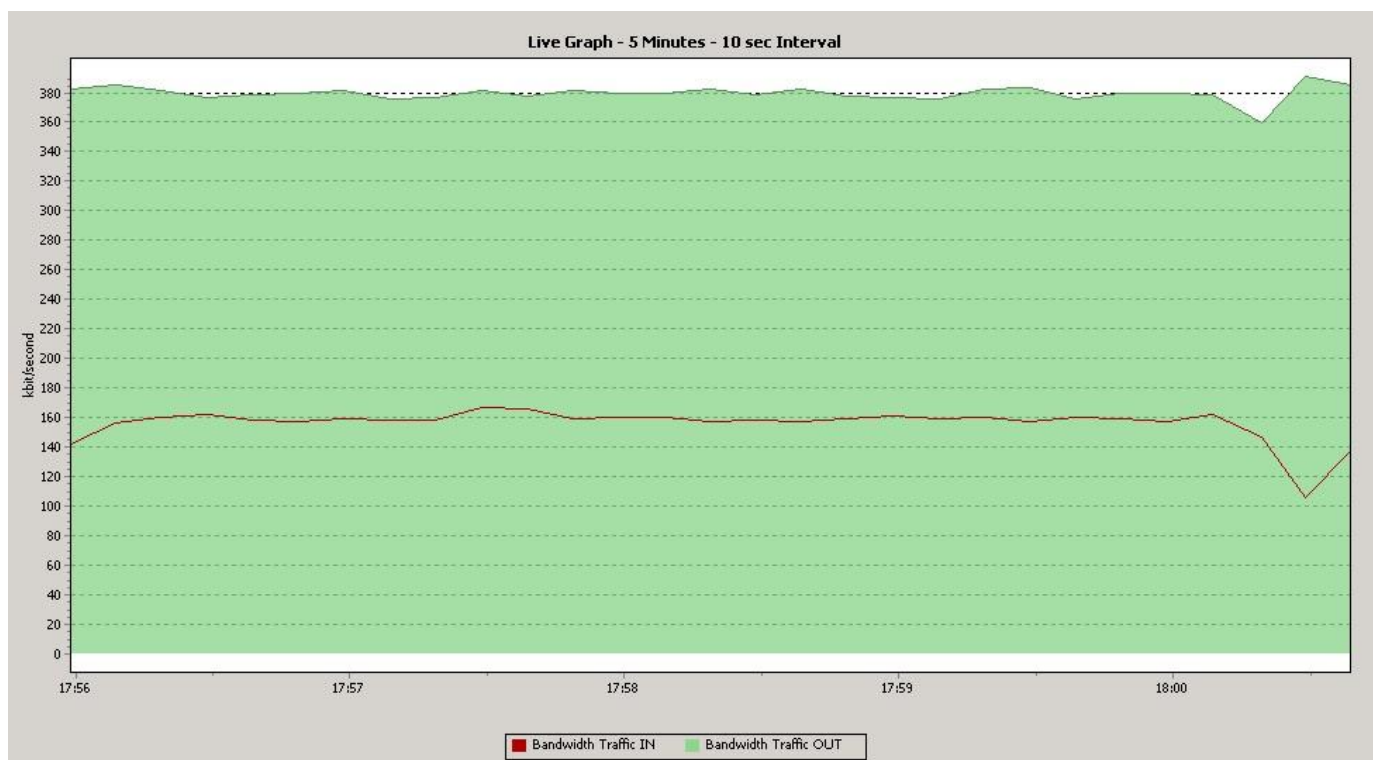
Responsável/cliente: Aline Somelly Cazassa

Consórcio
STM/Vodanet

VSAT-ID
SES-SOIA-4365

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

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606579 GHz
Symbol Rate : 44.999571 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 10 QPSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 9.2 dB
Input Power : -29 dBm

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#
Satellite (DVB) TX Configuration
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Auto start      : Enabled
IDU Output Power : -19 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 : -12.5 dBm
ODU Output Power : 33.7 dBm
EIRP            : 47.0 dBW
Es/No           : 12.0 dB
Header Compression : DSM-CC
Timing correction : 17 us (251194 us)
Frequency correction: 130 Hz
#
```

IP DVB 10.148.4.176/32

Pinging 10.172.53.1 with 32 bytes of data:

```
Reply from 10.172.53.1: bytes=32 time=547ms TTL=62
Reply from 10.172.53.1: bytes=32 time=560ms TTL=62
Reply from 10.172.53.1: bytes=32 time=578ms TTL=62
Reply from 10.172.53.1: bytes=32 time=589ms TTL=62
Reply from 10.172.53.1: bytes=32 time=609ms TTL=62
Reply from 10.172.53.1: bytes=32 time=535ms TTL=62
Reply from 10.172.53.1: bytes=32 time=543ms TTL=62
Reply from 10.172.53.1: bytes=32 time=564ms TTL=62
Reply from 10.172.53.1: bytes=32 time=576ms TTL=62
Reply from 10.172.53.1: bytes=32 time=596ms TTL=62
```

```
Ping statistics for 10.172.53.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 535ms, Maximum = 609ms, Average = 569ms
```