



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Airtón Gabriel do Nascimento Moro

GRE/Prodemge: Rafael Alves Ferreira

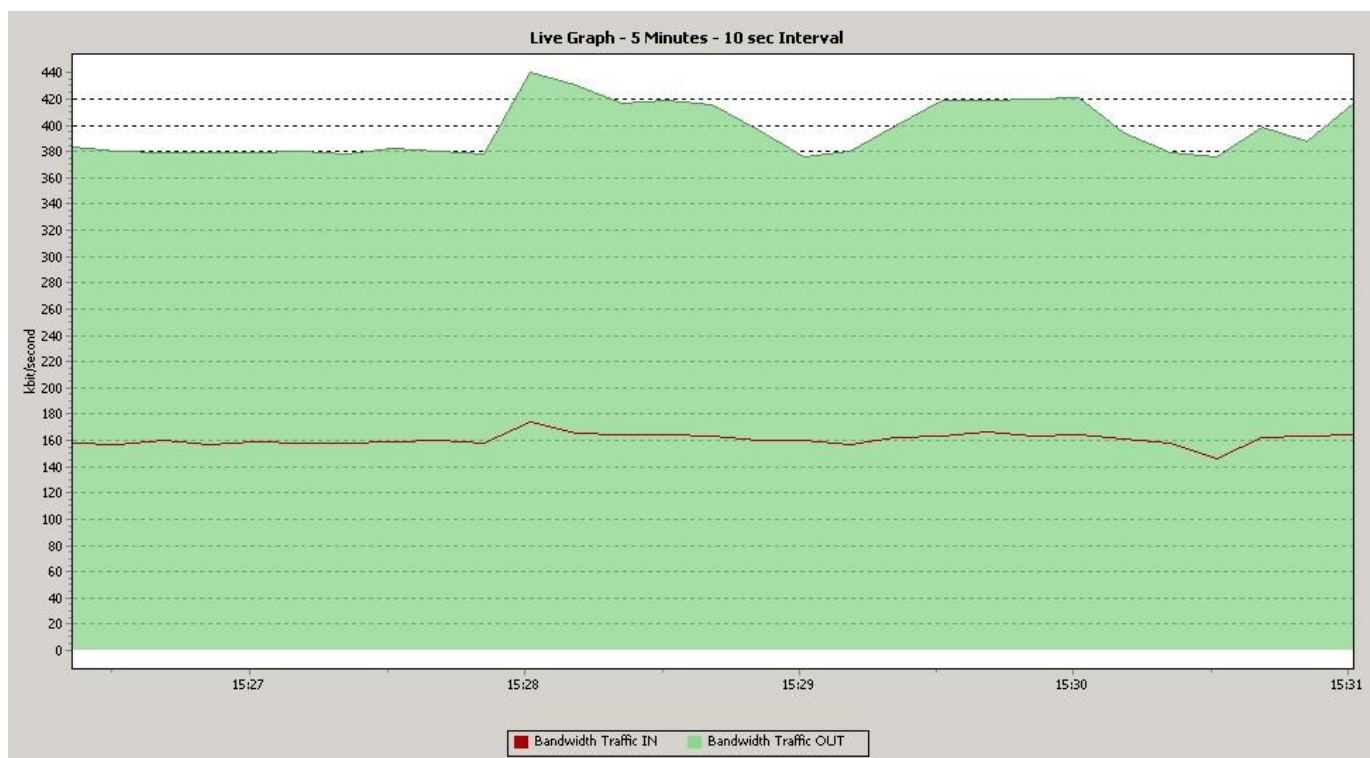
Responsável/cliente: Juliana Alves Almeida

Consórcio
STM/Vodanet

VSAT-ID
SES-SARA-3589

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	13.333000	11.588250	DVB-S2	2	Yes

```
Satellite (DVB) Receiver Status
-----
Rx State              : On
DVB State             : Forward link up
Network               : 65281, Prodemge@Vodanet
Frequency             : 11.588555 GHz
Symbol Rate          : 13.332961 Msps
S2 ModCod
- receiving           : 4   QPSK-1/2
- current max         : 15   8PSK-5/6
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 13.4 dB
Input Power           : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -24 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Default CW Frequency: 14.150500 GHz
ATM mode              : VC-Mux
Header Compression   : UDP/IP/DSM-CC
```

```
Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -24.5 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -189 us (260344 us)
Frequency correction : -120 Hz
#
```

Pinging 10.146.1.1 with 32 bytes of data:

```
Reply from 10.146.1.1: bytes=32 time=612ms TTL=62
Reply from 10.146.1.1: bytes=32 time=535ms TTL=62
Reply from 10.146.1.1: bytes=32 time=579ms TTL=62
Reply from 10.146.1.1: bytes=32 time=565ms TTL=62
Reply from 10.146.1.1: bytes=32 time=576ms TTL=62
Reply from 10.146.1.1: bytes=32 time=532ms TTL=62
Reply from 10.146.1.1: bytes=32 time=606ms TTL=62
Reply from 10.146.1.1: bytes=32 time=529ms TTL=62
Reply from 10.146.1.1: bytes=32 time=549ms TTL=62
Reply from 10.146.1.1: bytes=32 time=560ms TTL=62
```

```
Ping statistics for 10.146.1.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 612ms, Average = 564ms
```