



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marcos Aurélio

GRE/Prodemge: Rafael Alves Ferreira

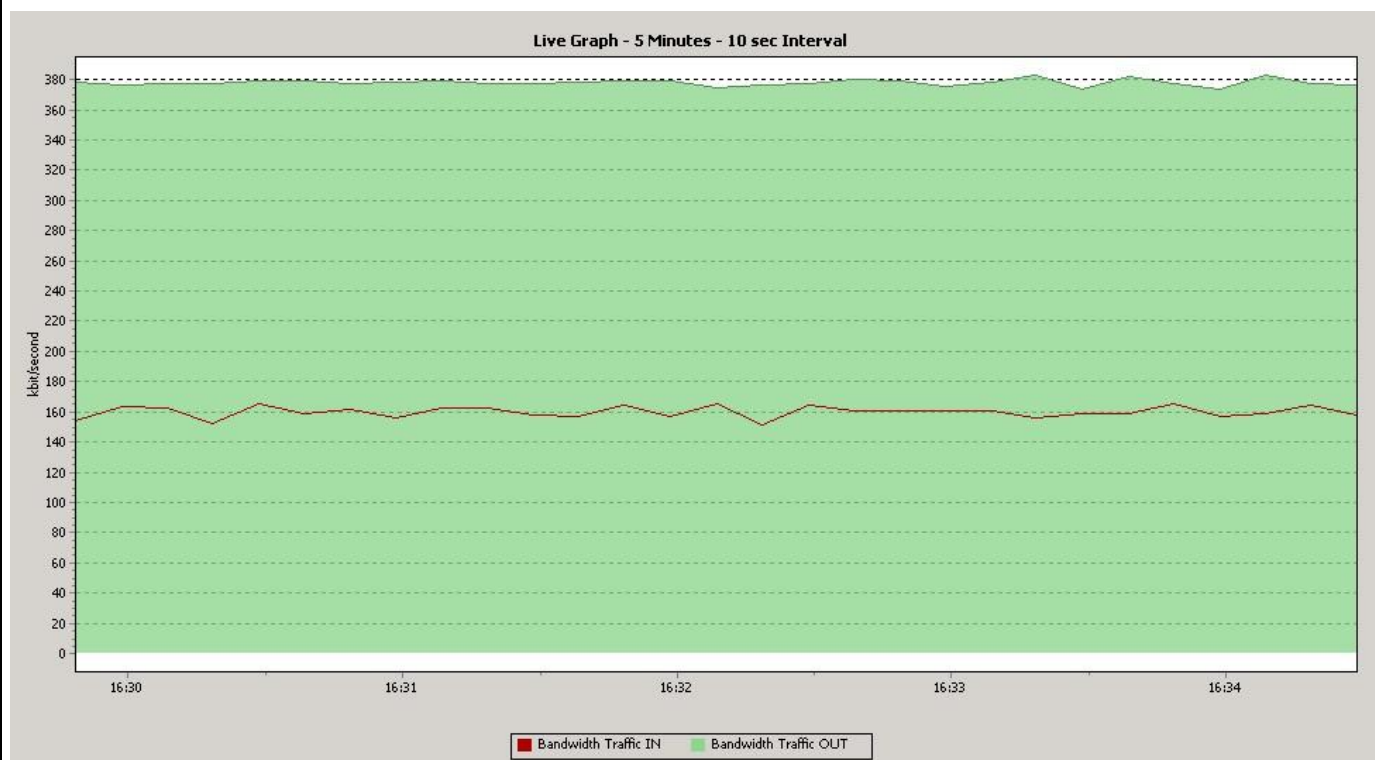
Responsável/cliente: Aline Neves Paiva

Consórcio
STM/Vodanet

VSAT-ID
SES-TUIA-3604

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            : 11.588487 GHz
Symbol Rate          : 13.332974 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                   : 13.1 dB
Input Power          : -29 dBm
```

#

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.2 dBm
EIRP : 46.5 dBW
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 : -20.8 dBm
ODU Output Power : 33.5 dBm
EIRP : 46.8 dBW
Es/No : 12.0 dB
Header Compression : DSM-CC
Timing correction : -159 us (262059 us)
Frequency correction: -90 Hz

IP DVB 10.148.1.49/32

Reply from 10.145.248.1: bytes=32 time=552ms TTL=62
Reply from 10.145.248.1: bytes=32 time=573ms TTL=62
Reply from 10.145.248.1: bytes=32 time=551ms TTL=62
Reply from 10.145.248.1: bytes=32 time=604ms TTL=62
Reply from 10.145.248.1: bytes=32 time=583ms TTL=62
Reply from 10.145.248.1: bytes=32 time=571ms TTL=62
Reply from 10.145.248.1: bytes=32 time=558ms TTL=62
Reply from 10.145.248.1: bytes=32 time=569ms TTL=62
Reply from 10.145.248.1: bytes=32 time=589ms TTL=62
Reply from 10.145.248.1: bytes=32 time=567ms TTL=62

Ping statistics for 10.145.248.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 551ms, Maximum = 604ms, Average = 571ms