TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Albo Borges Vieira

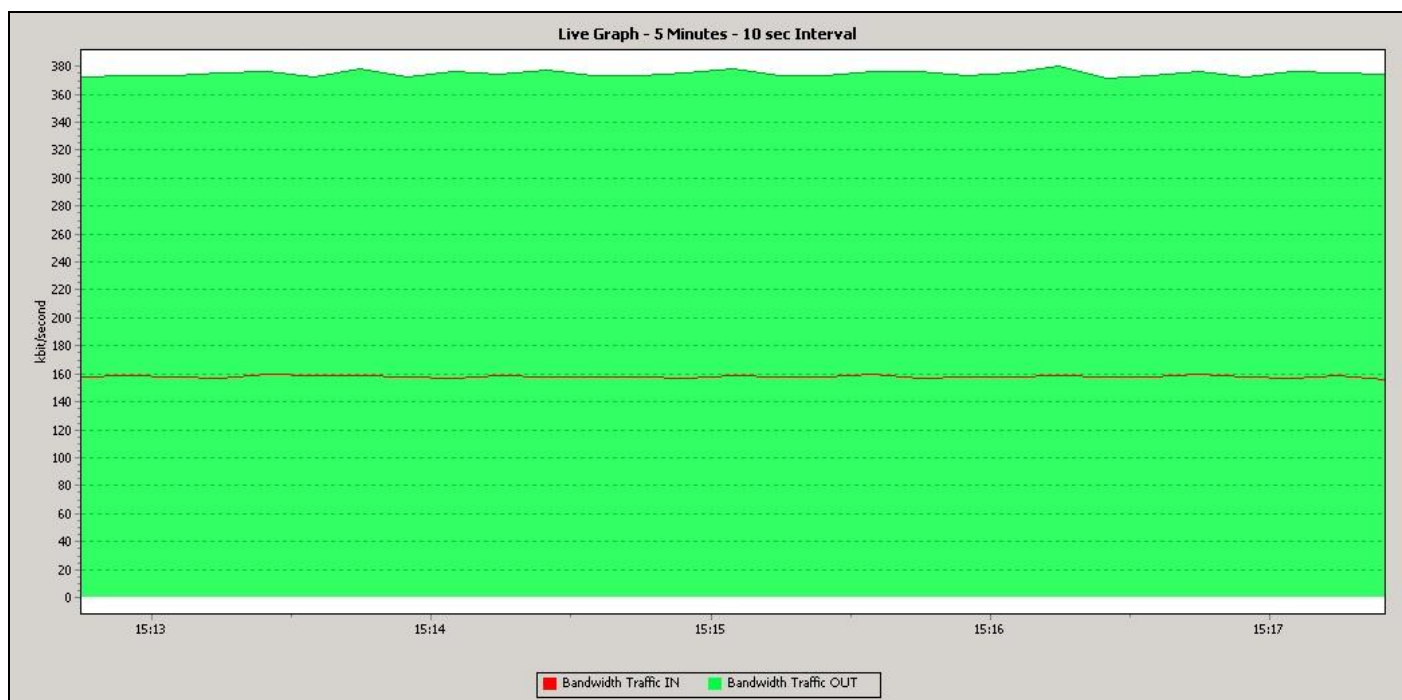**Operadora/Cliente:** Vitor Hugo Fonseca

GRE/Prodemge: Aguinaldo de Matos

Responsável/cliente: Poliana Castro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-TENI-3678	384/153	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[Msps] 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          : 11.606584 GHz
Symbol Rate        : 44.999794 Msps
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                : 9.4 dB
Input Power        : -22 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -20 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     : -17.4 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 148 us (250658 us)
Frequency correction: 50 Hz


IP DVB: 10.148.5.88 /32


Pinging 10.146.53.1 with 32 bytes of data:

Reply from 10.146.53.1: bytes=32 time=547ms TTL=62
Reply from 10.146.53.1: bytes=32 time=565ms TTL=62
Reply from 10.146.53.1: bytes=32 time=574ms TTL=62
Reply from 10.146.53.1: bytes=32 time=594ms TTL=62
Reply from 10.146.53.1: bytes=32 time=518ms TTL=62
Reply from 10.146.53.1: bytes=32 time=526ms TTL=62
Reply from 10.146.53.1: bytes=32 time=549ms TTL=62
Reply from 10.146.53.1: bytes=32 time=562ms TTL=62
Reply from 10.146.53.1: bytes=32 time=584ms TTL=62
Reply from 10.146.53.1: bytes=32 time=564ms TTL=62

Ping statistics for 10.146.53.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 518ms, Maximum = 594ms, Average = 558ms
```