TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Albo Borges Vieira

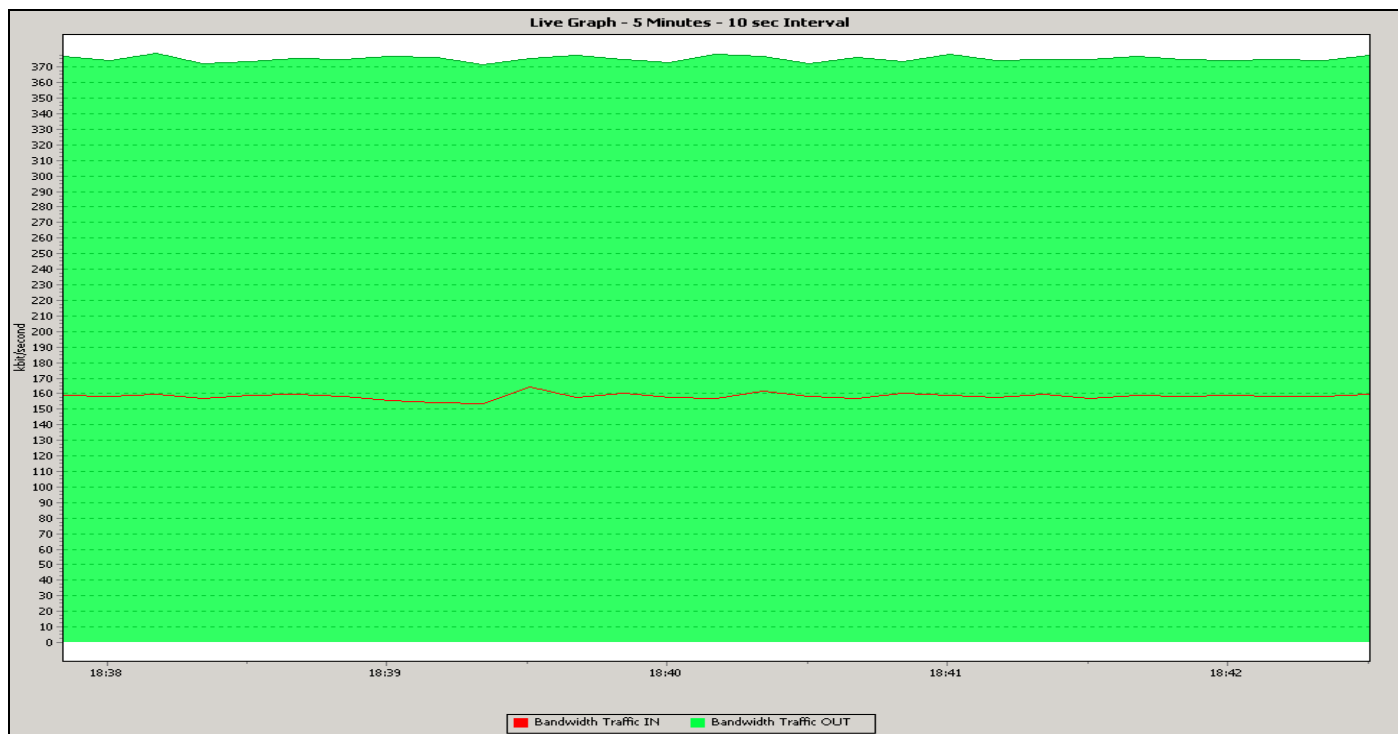**Operadora/Cliente:** Fábio Passoni

GRE/Prodemge: Aguinaldo de Matos

Responsável/cliente: Alice Taugas de Paula

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBTE-5195	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           : 11.606132 GHz
Symbol Rate         : 44.999698 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                 : 10.2 dB
Input Power         : -21 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
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     : -16.3 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : 194 us (252163 us)
Frequency correction: 70 Hz


IP DVB: 10.148.5.123 /32


Pinging 10.174.5.1 with 32 bytes of data:

Reply from 10.174.5.1: bytes=32 time=539ms TTL=62
Reply from 10.174.5.1: bytes=32 time=558ms TTL=62
Reply from 10.174.5.1: bytes=32 time=568ms TTL=62
Reply from 10.174.5.1: bytes=32 time=589ms TTL=62
Reply from 10.174.5.1: bytes=32 time=601ms TTL=62
Reply from 10.174.5.1: bytes=32 time=524ms TTL=62
Reply from 10.174.5.1: bytes=32 time=546ms TTL=62
Reply from 10.174.5.1: bytes=32 time=555ms TTL=62
Reply from 10.174.5.1: bytes=32 time=575ms TTL=62
Reply from 10.174.5.1: bytes=32 time=685ms TTL=62

Ping statistics for 10.174.5.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 524ms, Maximum = 685ms, Average = 574ms
```