	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente:** Gilvan Junior
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Eder Leal

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-FOGA-5943	384/153	VSAT
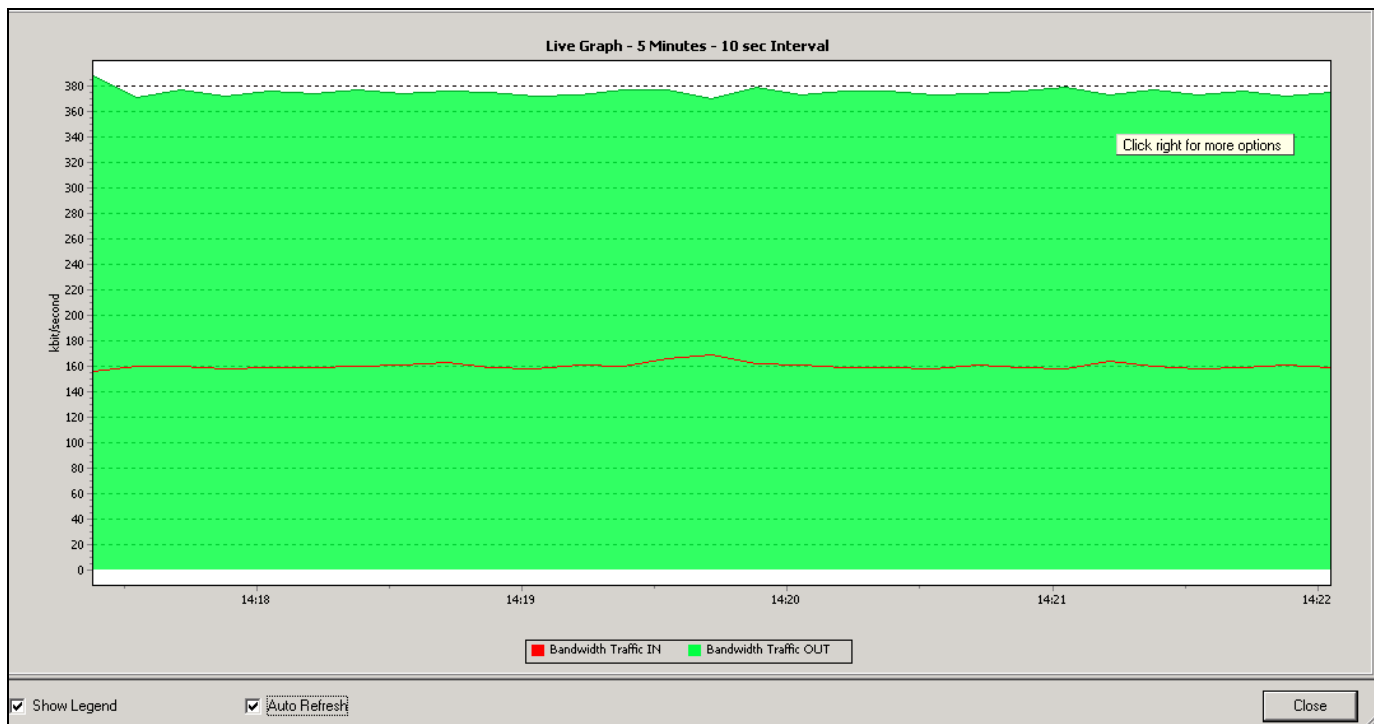

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.606163 GHz
Symbol Rate         : 44.999513 Msps
S2 ModCod
      - receiving   : 4    QPSK-1/2
      - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 12.0 dB
Input Power         : -33 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 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    : -18.7 dBm
ODU Output Power    : 33.1 dBm
EIRP                : 46.4 dBW
Es/No               : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : 34 us (252852 us)
Frequency correction: -210 Hz

IP DVB: 10.148.6.142 /32

Pinging 10.174.217.1 with 32 bytes of data:

Reply from 10.174.217.1: bytes=32 time=582ms TTL=62
Reply from 10.174.217.1: bytes=32 time=584ms TTL=62
Reply from 10.174.217.1: bytes=32 time=597ms TTL=62
Reply from 10.174.217.1: bytes=32 time=600ms TTL=62
Reply from 10.174.217.1: bytes=32 time=551ms TTL=62
Reply from 10.174.217.1: bytes=32 time=615ms TTL=62
Reply from 10.174.217.1: bytes=32 time=628ms TTL=62
Reply from 10.174.217.1: bytes=32 time=544ms TTL=62
Reply from 10.174.217.1: bytes=32 time=547ms TTL=62
Reply from 10.174.217.1: bytes=32 time=560ms TTL=62

Ping statistics for 10.174.217.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 544ms, Maximum = 628ms, Average = 580ms
```