![prodemge logo] prodemge	**TERMO DE ACEITE TÉCNICO**

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

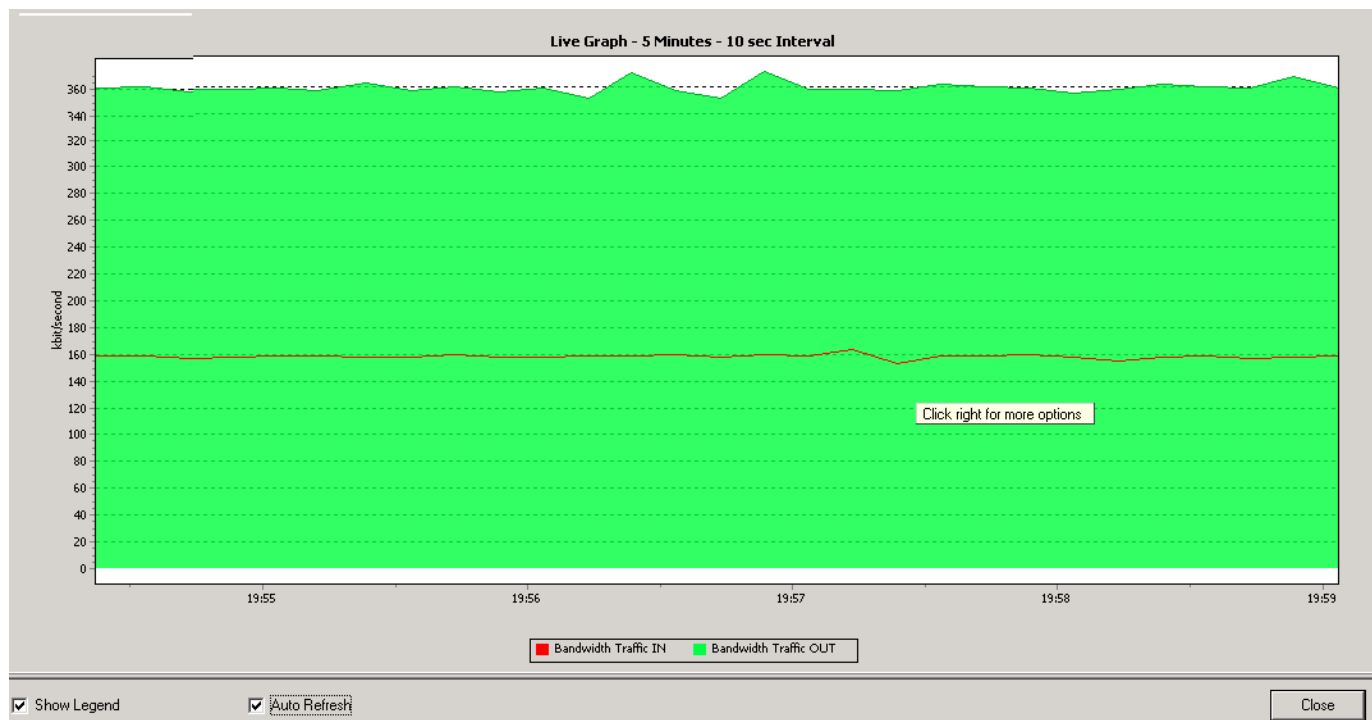|	
NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente:** Fabio Fernades
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Helena de Souza

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BOSO-6153	384/153	VSAT


```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -30 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    : -16.9 dBm
ODU Output Power    : 34.1 dBm
EIRP                : 47.4 dBW
Es/No               : 12.0 dB
Header Compression  :  DSM-CC
Timing correction   : 94 us (253672 us)
Frequency correction: -100 Hz
```

```
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           : 11.606401 GHz
Symbol Rate         : 45.000028 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            : 0.20
SNR                 : 12.2 dB
Input Power         : -26 dBm

IP DVB: 10.148.6.172 /32

Pinging 10.175.245.1 with 32 bytes of data:

Reply from 10.175.245.1: bytes=32 time=1567ms TTL=62
Reply from 10.175.245.1: bytes=32 time=549ms TTL=62
Reply from 10.175.245.1: bytes=32 time=551ms TTL=62
Reply from 10.175.245.1: bytes=32 time=563ms TTL=62
Reply from 10.175.245.1: bytes=32 time=565ms TTL=62
Reply from 10.175.245.1: bytes=32 time=577ms TTL=62
Reply from 10.175.245.1: bytes=32 time=578ms TTL=62
Reply from 10.175.245.1: bytes=32 time=590ms TTL=62
Reply from 10.175.245.1: bytes=32 time=561ms TTL=62
Reply from 10.175.245.1: bytes=32 time=606ms TTL=62

Ping statistics for 10.175.245.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 549ms, Maximum = 1567ms, Average = 670ms
```