	# TERMO DE ACEITE TÉCNICO

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

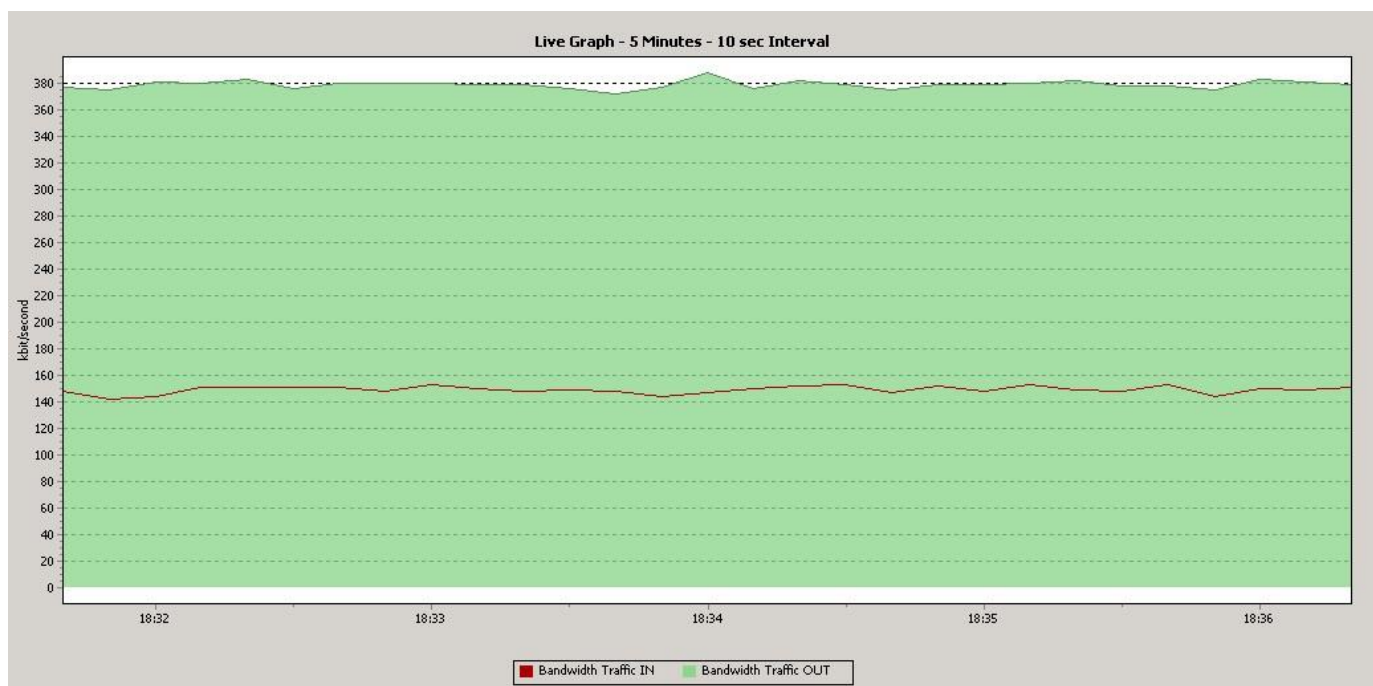|	
NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Paula Helena Aparecida Nunes
GRE/Prodemge: Aguinaldo de Matos Fonseca	**Responsável/cliente:** Efren Mol

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-LASA-4574	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT

```
#
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  2       Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606486 GHz
Symbol Rate         : 45.000987 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                 : 9.6 dB
Input Power         : -32 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 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     : -15.2 dBm
ODU Output Power     : 28.4 dBm
EIRP                 : 41.7 dBW
Es/No                : 6.5 dB
Header Compression   :  DSM-CC
Timing correction    : 48 us (252890 us)
Frequency correction: 120 Hz
#


IP DVB 10.148.4.74/32

Pinging 10.172.252.1 with 32 bytes of data:

Reply from 10.172.252.1: bytes=32 time=581ms TTL=62
Reply from 10.172.252.1: bytes=32 time=692ms TTL=62
Reply from 10.172.252.1: bytes=32 time=585ms TTL=62
Reply from 10.172.252.1: bytes=32 time=693ms TTL=62
Reply from 10.172.252.1: bytes=32 time=616ms TTL=62
Reply from 10.172.252.1: bytes=32 time=539ms TTL=62
Reply from 10.172.252.1: bytes=32 time=647ms TTL=62
Reply from 10.172.252.1: bytes=32 time=570ms TTL=62
Reply from 10.172.252.1: bytes=32 time=674ms TTL=62
Reply from 10.172.252.1: bytes=32 time=602ms TTL=62

Ping statistics for 10.172.252.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 693ms, Average = 619ms
```