▶ **prodemge**	**TERMO DE ACEITE TÉCNICO**

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

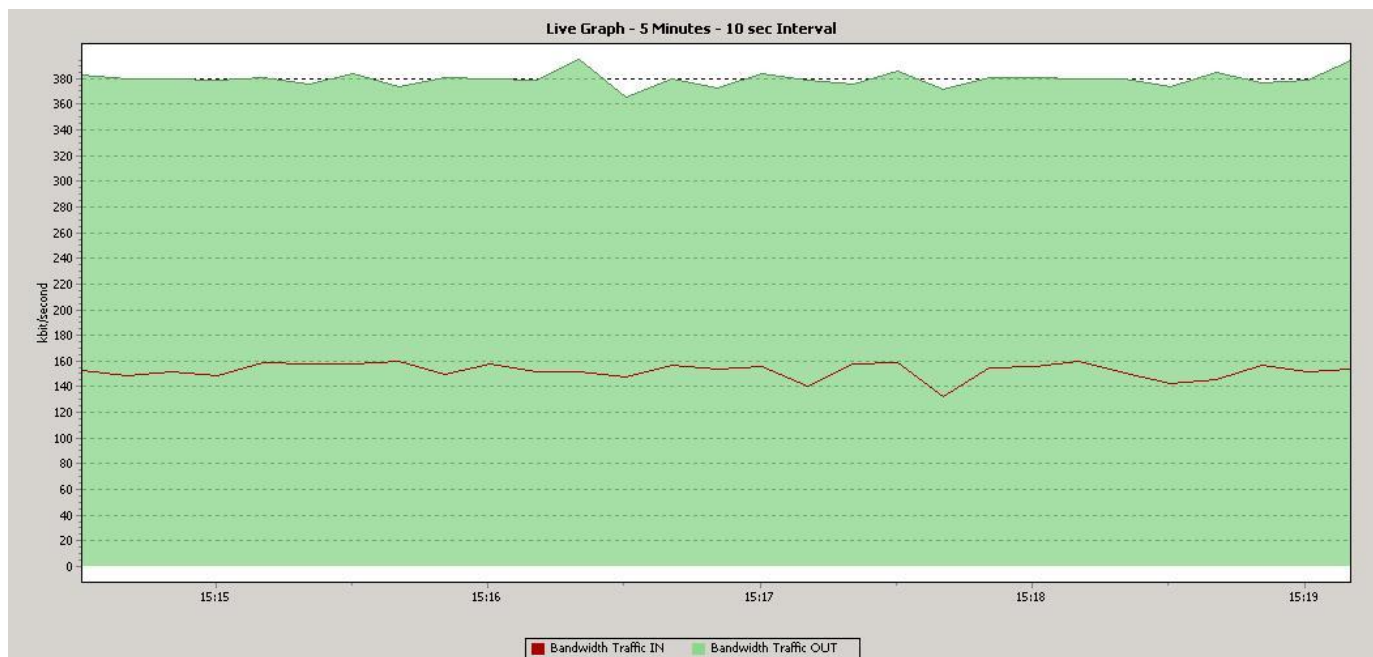|	
NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Jair de Oliveira
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Venizia Maria

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SAMA-0918	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)
ACM Latency        : On
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId    Enable
* 0   0    13.333000       11.588250  DVB-S2 2         Yes
  1   1     0.000000        0.000000  DVB-S2 2         No

Satellite (DVB) Receiver Status
--------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.588424 GHz
Symbol Rate        : 13.332944 Msps
S2 ModCod
      - receiving  : 4   QPSK-1/2
      - current max : 14   8PSK-3/4
Pilot              : On
Frame length       : Short frame
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 11.4 dB
Input Power        : -37 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU output power    : -22 dBm
IDU max output power: 0.0 dBm
EIRP                : 42.5 dBW
Default CW Frequency: 14.150500 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
-------------------------------
State               : On (TDMA)
IDU Output Power    : -25.0 dBm
ODU Output Power    : 29.2 dBm
EIRP                : 42.5 dBW
Es/No               : 7.0 dB
Header Compression  :  DSM-CC
Timing correction   : -94 us (260352 us)
Frequency correction: 50 Hz

IP DVB: 10.148.2.150 /32


 C:\>ping -n 10 10.144.234.1

 Pinging 10.144.234.1 with 32 bytes of data:

 Reply from 10.144.234.1: bytes=32 time=614ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=537ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=645ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=569ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=680ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=596ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=534ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=631ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=550ms TTL=62
 Reply from 10.144.234.1: bytes=32 time=665ms TTL=62

 Ping statistics for 10.144.234.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 534ms, Maximum = 680ms, Average = 602ms
```