prodemge	**TERMO DE ACEITE TÉCNICO**

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

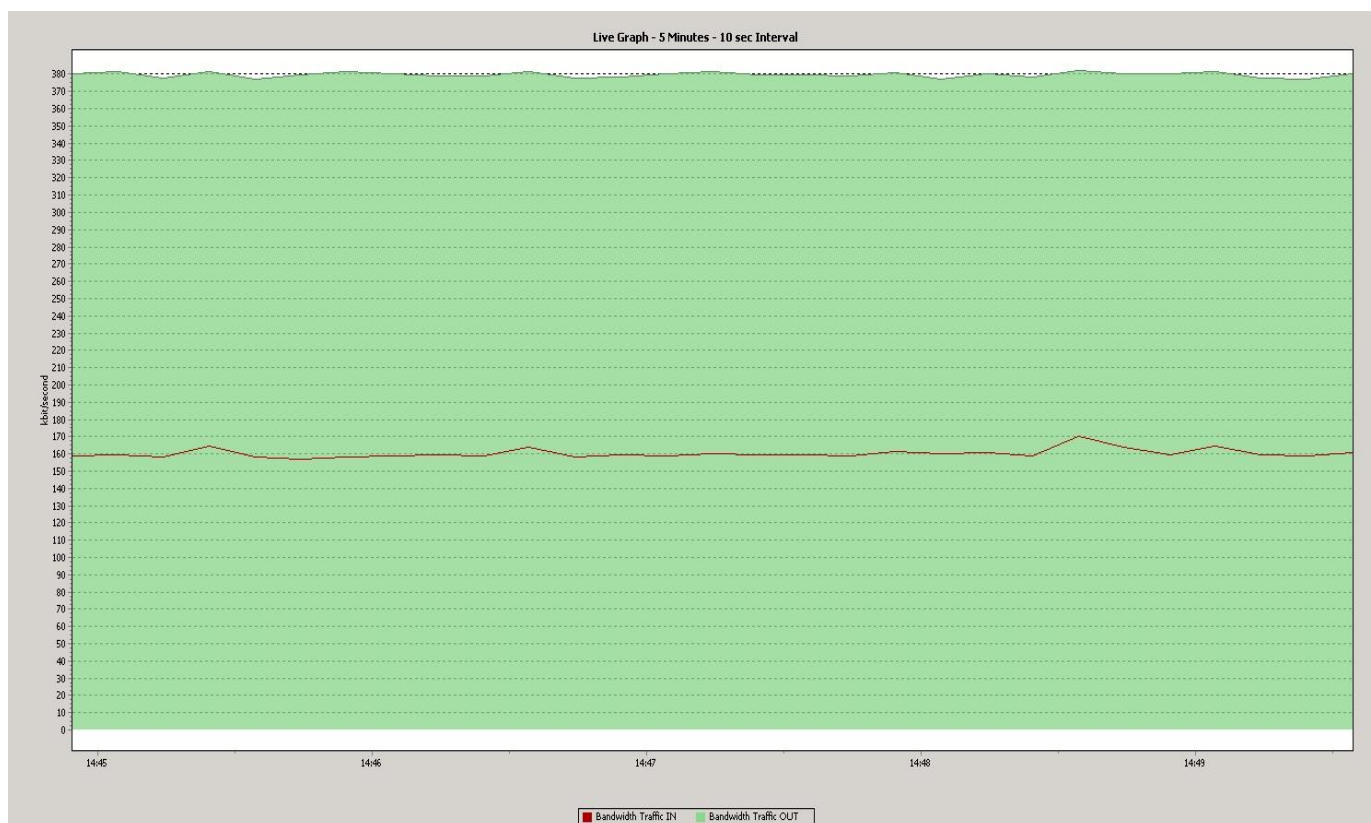| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Mario Lucio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Uere Alderico

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-FERO-4555	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 3       Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.605692 GHz
Symbol Rate         : 44.999921 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                 : 9.9 dB
Input Power         : -27 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    : -20.0 dBm
ODU Output Power    : 28.9 dBm
EIRP                : 42.2 dBW
Es/No               : 9.0 dB
Header Compression  :  DSM-CC
Timing correction   : 159 us (251617 us)
Frequency correction: 40 Hz


IP DVB: 10.148.5.149/32


 Pinging 10.172.232.1 with 32 bytes of data:

 Reply from 10.172.232.1: bytes=32 time=596ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=546ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=524ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=526ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=538ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=539ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=550ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=552ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=564ms TTL=62
 Reply from 10.172.232.1: bytes=32 time=534ms TTL=62

 Ping statistics for 10.172.232.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 524ms, Maximum = 596ms, Average = 546ms
```