prodemge	# TERMO DE ACEITE TÉCNICO

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

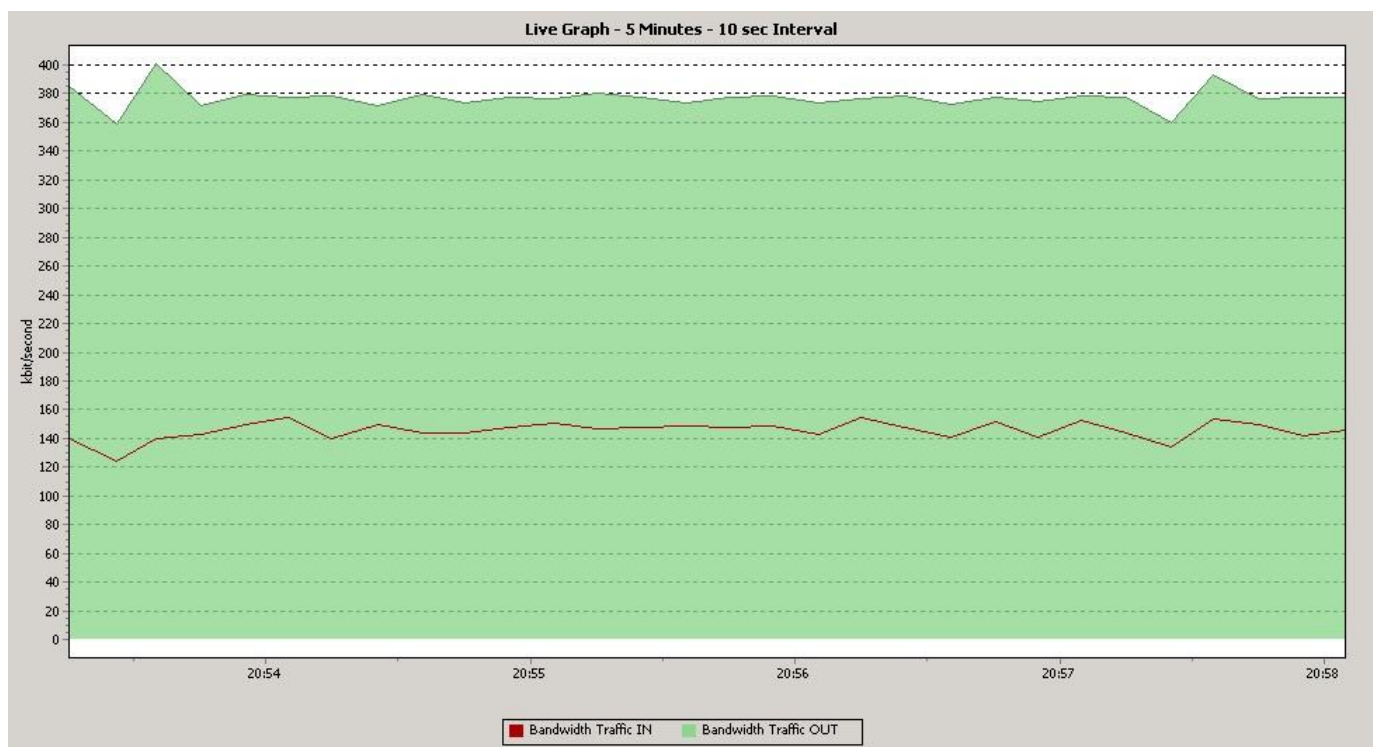| **NOC/Operadora:** Jefferson de Souza Marques	**Operadora/Cliente:** Paulo Henrique
GRE/Prodemge: João Antinosse	**Responsável/cliente:** Rita de Cássia Felix de Meira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ARRI-4420	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          : 11.606556 GHz
Symbol Rate        : 45.000730 Msps
S2 ModCod
      - receiving  : 4   QPSK-1/2
      - current max : 10   QPSK-8/9
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.20
SNR                : 9.2 dB
Input Power        : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -23 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     : -21.6 dBm
ODU Output Power     : 28.6 dBm
EIRP                 : 41.9 dBW
Es/No                : 7.0 dB
Header Compression   :  DSM-CC
Timing correction    : 130 us (253661 us)
Frequency correction: 220 Hz

IP DVB 10.148.4.16/32

Pinging 10.172.95.1 with 32 bytes of data:

Reply from 10.172.95.1: bytes=32 time=591ms TTL=62
Reply from 10.172.95.1: bytes=32 time=532ms TTL=62
Reply from 10.172.95.1: bytes=32 time=698ms TTL=62
Reply from 10.172.95.1: bytes=32 time=625ms TTL=62
Reply from 10.172.95.1: bytes=32 time=545ms TTL=62
Reply from 10.172.95.1: bytes=32 time=653ms TTL=62
Reply from 10.172.95.1: bytes=32 time=577ms TTL=62
Reply from 10.172.95.1: bytes=32 time=688ms TTL=62
Reply from 10.172.95.1: bytes=32 time=607ms TTL=62
Reply from 10.172.95.1: bytes=32 time=712ms TTL=62

Ping statistics for 10.172.95.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 712ms, Average = 622ms
```