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

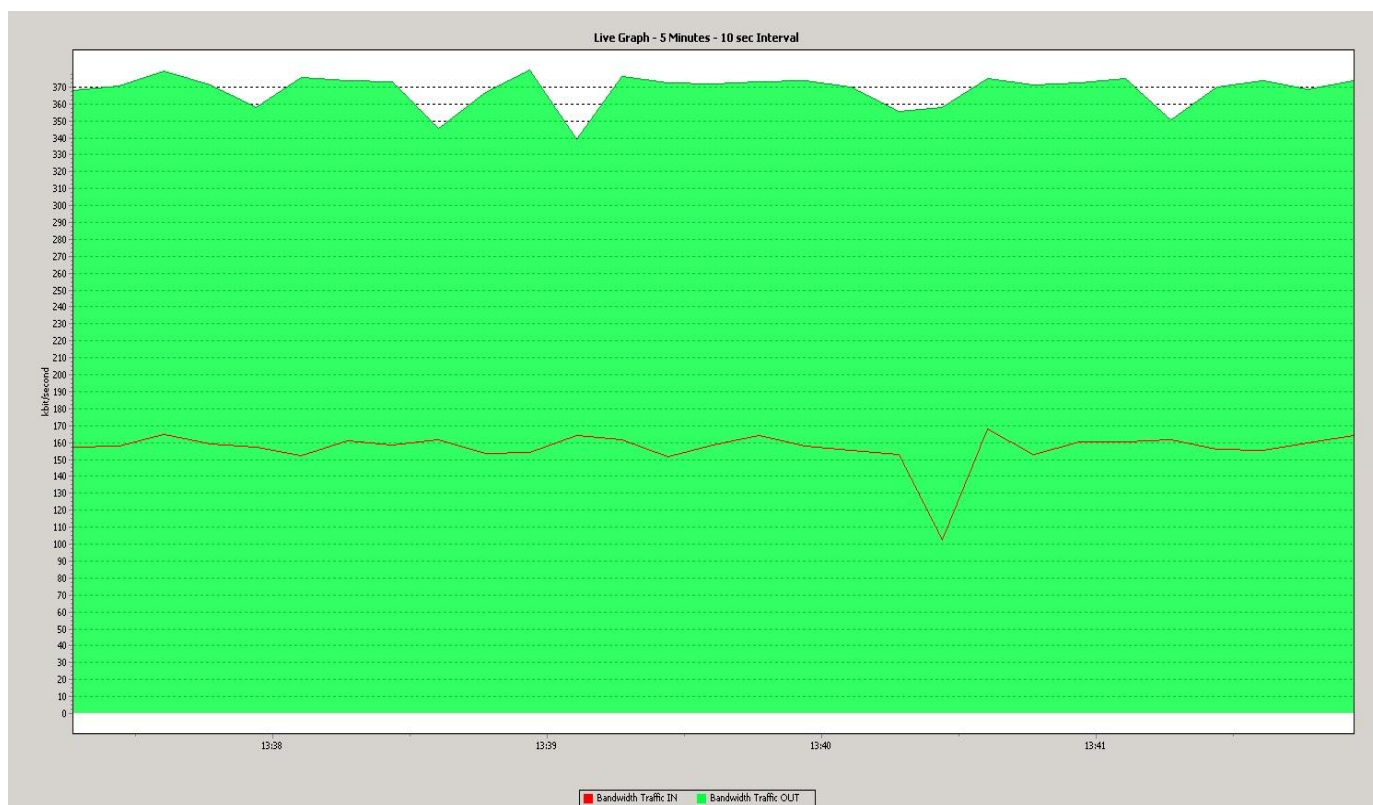|	
NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Paulo Henrique dos Santos
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Leuza Batista

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITMA-3880	384/153	VSAT


```
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
  1  1     0.000000       0.000000  DVB-S2 2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606432 GHz
Symbol Rate         : 44.999914 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         : -27 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -16.5 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.4 dBW
Es/No                : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : -95 us (254851 us)
Frequency correction: -110 Hz


IP DVB: 10.148.4.183/32


 C:\>ping -n 10 10.146.138.1

 Pinging 10.146.138.1 with 32 bytes of data:

 Reply from 10.146.138.1: bytes=32 time=546ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=566ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=578ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=599ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=522ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=532ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=554ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=533ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=582ms TTL=62
 Reply from 10.146.138.1: bytes=32 time=593ms TTL=62

 Ping statistics for 10.146.138.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 522ms, Maximum = 599ms, Average = 560ms
```