prodemge	**TERMO DE ACEITE TÉCNICO**

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

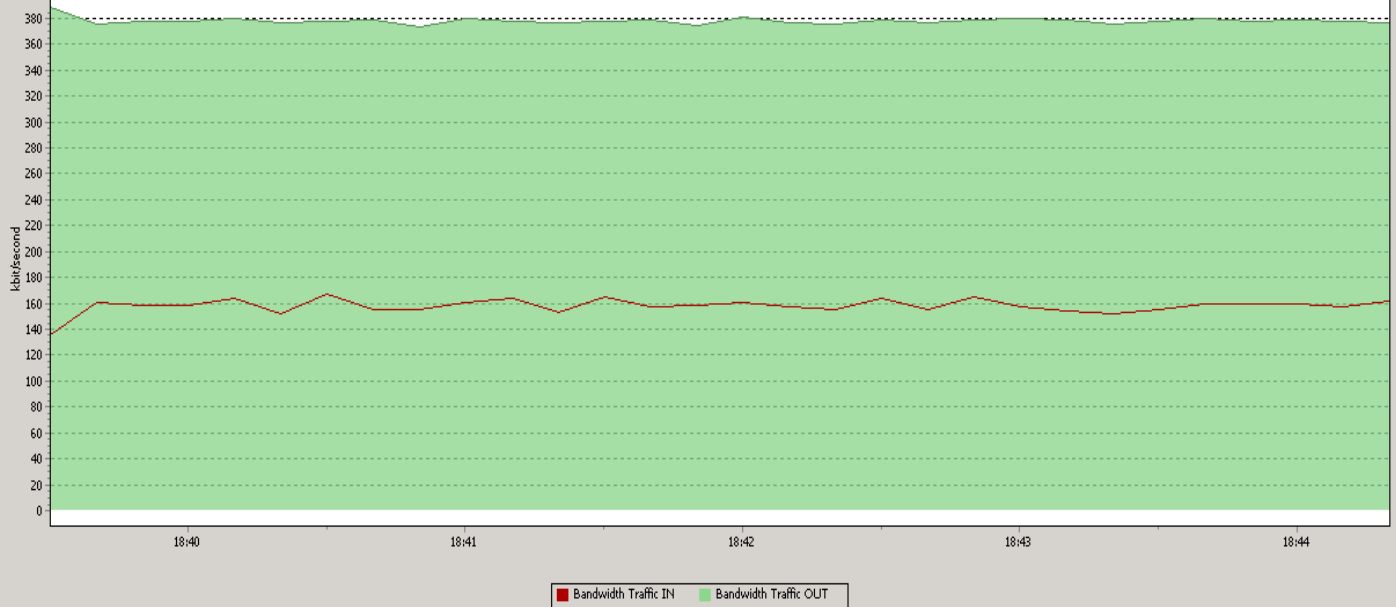|	
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Wellington Ferreira
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Valeria Daiane Soares Alves Moreira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BURO-3442	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    13.333000      11.588250  DVB-S2  2        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588441 GHz
Symbol Rate         : 13.332915 Msps
S2 ModCod
        - receiving    : 4   QPSK-1/2
        - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.8 dB
Input Power         : -28 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 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     : -19.8 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : -24 us (260644 us)
Frequency correction: -40 Hz


IP DVB: 10.148.0.243/32


Pinging 10.145.106.1 with 32 bytes of data:

Reply from 10.145.106.1: bytes=32 time=552ms TTL=62
Reply from 10.145.106.1: bytes=32 time=573ms TTL=62
Reply from 10.145.106.1: bytes=32 time=584ms TTL=62
Reply from 10.145.106.1: bytes=32 time=605ms TTL=62
Reply from 10.145.106.1: bytes=32 time=616ms TTL=62
Reply from 10.145.106.1: bytes=32 time=539ms TTL=62
Reply from 10.145.106.1: bytes=32 time=559ms TTL=62
Reply from 10.145.106.1: bytes=32 time=570ms TTL=62
Reply from 10.145.106.1: bytes=32 time=593ms TTL=62
Reply from 10.145.106.1: bytes=32 time=568ms TTL=62

Ping statistics for 10.145.106.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 616ms, Average = 575ms
```