TERMO DE ACEITE TÉCNICO

prodemge

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

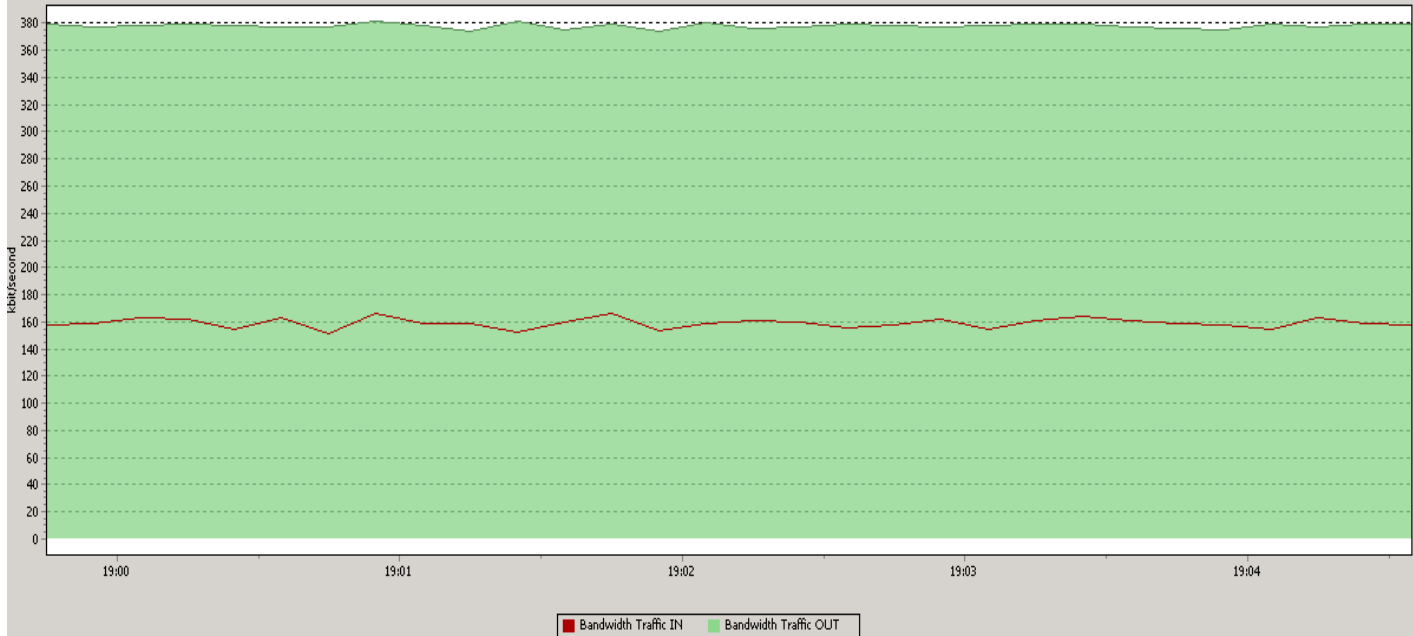|	
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Alexandre Pascoal da Silva
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Silvia Célia de Oliveira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-RETA-3538	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
  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           : 11.588480 GHz
Symbol Rate         : 13.333003 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                 : 13.4 dB
Input Power         : -31 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 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     : -16.7 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 48.3 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -4 us (261159 us)
Frequency correction: -170 Hz


IP DVB: 10.148.1.15/32


Pinging 10.145.172.1 with 32 bytes of data:

Reply from 10.145.172.1: bytes=32 time=551ms TTL=62
Reply from 10.145.172.1: bytes=32 time=558ms TTL=62
Reply from 10.145.172.1: bytes=32 time=578ms TTL=62
Reply from 10.145.172.1: bytes=32 time=589ms TTL=62
Reply from 10.145.172.1: bytes=32 time=609ms TTL=62
Reply from 10.145.172.1: bytes=32 time=532ms TTL=62
Reply from 10.145.172.1: bytes=32 time=543ms TTL=62
Reply from 10.145.172.1: bytes=32 time=564ms TTL=62
Reply from 10.145.172.1: bytes=32 time=538ms TTL=62
Reply from 10.145.172.1: bytes=32 time=595ms TTL=62

Ping statistics for 10.145.172.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 609ms, Average = 565ms
```