prodemge

TERMO DE ACEITE TÉCNICO

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

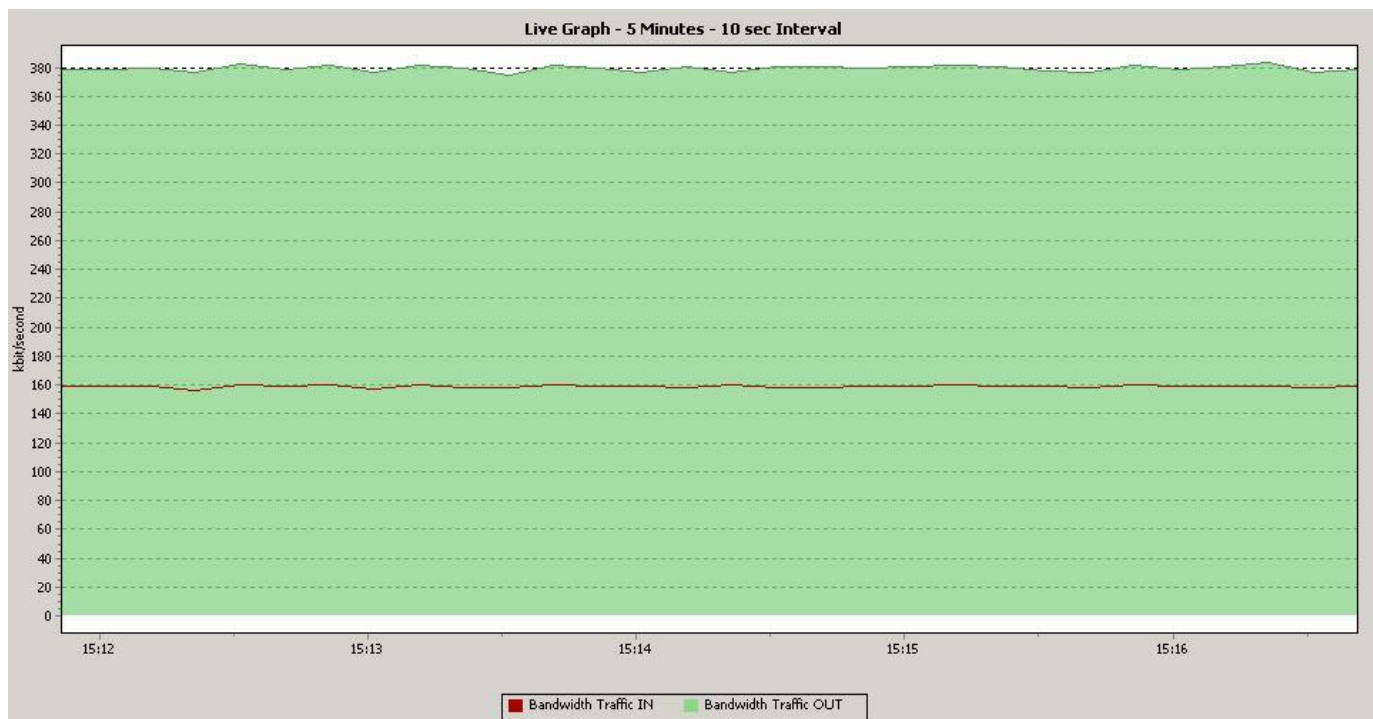|	
NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Ed Carlos dos Santos Carvalho
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Lucirene Cortes dos Santos

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SERE-3657	384/153	VSAT


```
Satellite (DVB) RX Configuration
-------------------------------
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency          : On
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            : 11.588639 GHz
Symbol Rate          : 13.332883 Msps
S2 ModCod
       - receiving   : 4   QPSK-1/2
       - current max : 15   8PSK-5/6
Pilot                : On
Frame length         : Short frame
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 14.4 dB
Input Power          : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -22 dBm
IDU max output power: 0.0 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     : -19.5 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 14.5 dB
Header Compression   :  DSM-CC
Timing correction    : -151 us (261776 us)
Frequency correction: -50 Hz

IP DVB 10.148.1.198/32

Pinging 10.146.26.1 with 32 bytes of data:

Reply from 10.146.26.1: bytes=32 time=562ms TTL=62
Reply from 10.146.26.1: bytes=32 time=573ms TTL=62
Reply from 10.146.26.1: bytes=32 time=593ms TTL=62
Reply from 10.146.26.1: bytes=32 time=605ms TTL=62
Reply from 10.146.26.1: bytes=32 time=624ms TTL=62
Reply from 10.146.26.1: bytes=32 time=635ms TTL=62
Reply from 10.146.26.1: bytes=32 time=559ms TTL=62
Reply from 10.146.26.1: bytes=32 time=580ms TTL=62
Reply from 10.146.26.1: bytes=32 time=590ms TTL=62
Reply from 10.146.26.1: bytes=32 time=611ms TTL=62

Ping statistics for 10.146.26.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 559ms, Maximum = 635ms, Average = 593ms
```