prodemge

TERMO DE ACEITE TÉCNICO
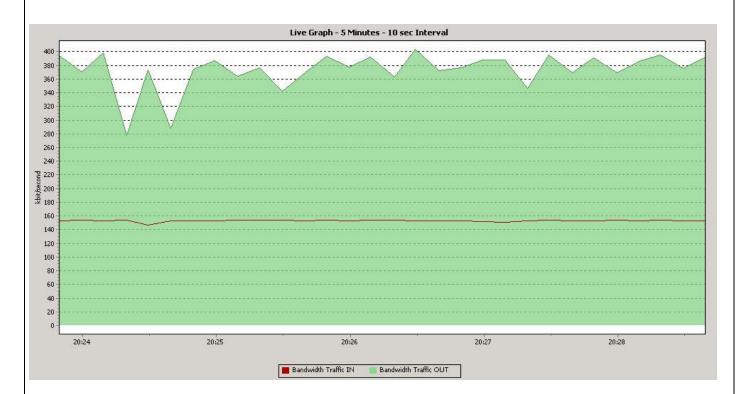
Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Ailton Guimarães Sampaio
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Lúcia Gonçalves

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITRA-4017	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           : 11.588408 GHz
Symbol Rate         : 13.332946 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                 : 12.4 dB
Input Power         : -30 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Default CW Frequency: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -22.0 dBm
ODU Output Power     : 31.9 dBm
EIRP                 : 45.2 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : 140 us (260434 us)
Frequency correction: 20 Hz


IP DVB 10.148.2.204/32


Pinging 10.147.9.1 with 32 bytes of data:

Reply from 10.147.9.1: bytes=32 time=559ms TTL=62
Reply from 10.147.9.1: bytes=32 time=569ms TTL=62
Reply from 10.147.9.1: bytes=32 time=590ms TTL=62
Reply from 10.147.9.1: bytes=32 time=601ms TTL=62
Reply from 10.147.9.1: bytes=32 time=622ms TTL=62
Reply from 10.147.9.1: bytes=32 time=545ms TTL=62
Reply from 10.147.9.1: bytes=32 time=556ms TTL=62
Reply from 10.147.9.1: bytes=32 time=577ms TTL=62
Reply from 10.147.9.1: bytes=32 time=587ms TTL=62
Reply from 10.147.9.1: bytes=32 time=608ms TTL=62

Ping statistics for 10.147.9.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 545ms, Maximum = 622ms, Average = 581ms
```