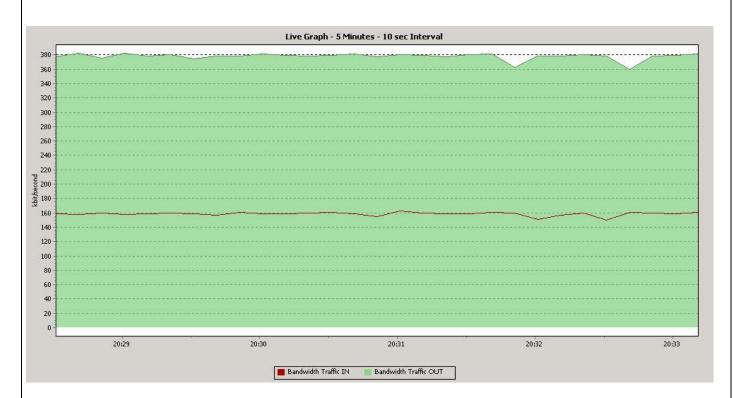# prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Vilarindo Santos Almeida
GRE/Prodemge: Márlu da Siva Santos	**Responsável/cliente:** Valdirene Oliveira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-QUTA-3582	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)
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          : 11.588535 GHz
Symbol Rate        : 13.332931 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                : 13.9 dB
Input Power        : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU output power    : -20 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    : -21.4 dBm
ODU Output Power    : 32.0 dBm
EIRP                : 45.3 dBW
Es/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : 104 us (260971 us)
Frequency correction: -140 Hz

IP DVB 10.148.1.97/32

Pinging 10.145.249.1 with 32 bytes of data:

Reply from 10.145.249.1: bytes=32 time=566ms TTL=62
Reply from 10.145.249.1: bytes=32 time=587ms TTL=62
Reply from 10.145.249.1: bytes=32 time=598ms TTL=62
Reply from 10.145.249.1: bytes=32 time=618ms TTL=62
Reply from 10.145.249.1: bytes=32 time=541ms TTL=62
Reply from 10.145.249.1: bytes=32 time=552ms TTL=62
Reply from 10.145.249.1: bytes=32 time=573ms TTL=62
Reply from 10.145.249.1: bytes=32 time=551ms TTL=62
Reply from 10.145.249.1: bytes=32 time=604ms TTL=62
Reply from 10.145.249.1: bytes=32 time=615ms TTL=62

Ping statistics for 10.145.249.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 541ms, Maximum = 618ms, Average = 580ms
```