	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Marcos Antônio de Oliveira
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Angélica Cardoso Araujo

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-TENI-3689	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
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     13.330000       11.588250   DVB-S2 2           Yes
  1    1      0.000000        0.000000   DVB-S2 0           No

Satellite (DVB) Receiver Status
--------------------------------
Rx State              : On
DVB State             : Forward link up
Network               : 65281,  Prodemge@Vodanet
Frequency             : 11.588750 GHz
Symbol Rate           : 13.332911 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                   : 13.3 dB
Input Power           : -35 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     : -22.8 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.1 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -222 us (259326 us)
Frequency correction : -290 Hz


IP DVB 10.148.1.72/32


Pinging 10.146.73.1 with 32 bytes of data:

Reply from 10.146.73.1: bytes=32 time=637ms TTL=62
Reply from 10.146.73.1: bytes=32 time=561ms TTL=62
Reply from 10.146.73.1: bytes=32 time=572ms TTL=62
Reply from 10.146.73.1: bytes=32 time=593ms TTL=62
Reply from 10.146.73.1: bytes=32 time=604ms TTL=62
Reply from 10.146.73.1: bytes=32 time=527ms TTL=62
Reply from 10.146.73.1: bytes=32 time=547ms TTL=62
Reply from 10.146.73.1: bytes=32 time=558ms TTL=62
Reply from 10.146.73.1: bytes=32 time=579ms TTL=62
Reply from 10.146.73.1: bytes=32 time=557ms TTL=62

Ping statistics for 10.146.73.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 527ms, Maximum = 637ms, Average = 573ms
```