prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Gilvan Pereira
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Tais

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-WEAZ-4652	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    45.000000       11.606250  DVB-S2 2          Yes
  1   1     0.000000        0.000000  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606669 GHz
Symbol Rate         : 44.999243 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.5 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -30 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    : -14.8 dBm
ODU Output Power    : 34.3 dBm
EIRP                : 47.8 dBW
Es/No               : 10.0 dB
Header Compression  :  DSM-CC
Timing correction   : -97 us (253359 us)
Frequency correction: -20 Hz


IP DVB: 10.148.4.162/32


 C:\>ping -n 10 10.173.132.1

 Pinging 10.173.132.1 with 32 bytes of data:

 Reply from 10.173.132.1: bytes=32 time=535ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=573ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=560ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=568ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=521ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=598ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=521ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=541ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=551ms TTL=62
 Reply from 10.173.132.1: bytes=32 time=575ms TTL=62

 Ping statistics for 10.173.132.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 521ms, Maximum = 598ms, Average = 554ms
```