

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-28023676-SE

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
Auto start           : Enabled
BUPC status          : Disabled
IDU Output Power     : -22 dBm
IDU Max Output Power : 0.0 dBm
Default CW Frequency : 14.125750 GHz
ATM mode              : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS)
IDU Output Power     : -21.9 dBm
Es/No                 : 12.0 dB
Header Compression    : Disabled
Timing correction     : -146 us (262084 us)
Frequency correction  : -100 Hz
```

#

```
#
# dvb rx show

Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max Signalling MODCOD : 23    16APSK-9/10
Max Traffic MODCOD    : 28    32APSK-9/10
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Mbps] Freq[GHz] Mode  PopId  SatId  Pos   SatName
    Name                Enable
* 0  0      9.320000    12.055825 DVB-S2 102      0   0.0 E

                        Yes
```

```
Satellite (DVB) Receiver Status
-----
Rx State             : On
DVB State            : Forward link up
Network              : 1326, T14R Beam
Frequency            : 12.055929 GHz
Symbol Rate          : 9.320029 Msps
S2 ModCod
- receiving          : 16    8PSK-8/9
- current max        : 16    8PSK-8/9
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
Roll off             : 0.20
SNR                  : 13.5 dB
Input Power          : -36 dBm
#
```

IP DVB 172.18.131.231/32

Ping desde dentro da VSAT 8.8.8.8

```
# ping 8.8.8.8 -if 1 -t
64 bytes from 8.8.8.8: time=920 ms
64 bytes from 8.8.8.8: time=660 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=940 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=910 ms
```