

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Leonardo Martins Silva

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-25085662-PE

**Link kbps**  
256/128

**Plataforma**  
VSAT



# dvb tx show

## Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 48.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS)
IDU Output Power     : -13.8 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.6 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -181 us (262335 us)
Frequency correction : -150 Hz
```

# dvb rx show

## Satellite (DVB) RX Configuration

-----  
Auto start : Enabled  
Max Traffic MODCOD : 23 16APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	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 : 12.055979 GHz  
Symbol Rate : 9.319949 Msp/s  
S2 ModCod  
- receiving : 14 8PSK-3/4  
- 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 : 13.6 dB  
Input Power : -35 dBm

The screenshot shows a Windows desktop environment. On the left, a command prompt window titled 'Prompt de Comando' is open, displaying a series of ping responses from 8.8.8.8 to 8.8.8.8, each with a 32-byte payload and a TTL of 55. Below the ping results, it shows statistics for the ping: 46 packets sent, 46 received, and 0% loss. It also displays the minimum, maximum, and average round-trip times. The command prompt then shows the output of the 'arp -a' command, listing the ARP table for the interface 10.29.26.122. On the right, a chat application window is visible, showing a conversation with a contact named 'resco'. The chat interface includes a header with icons for voice call, video call, and adding contacts. The chat history shows several messages, with timestamps ranging from 17:23 to 17:42. The Windows taskbar at the bottom shows various application icons, including the Start button, Internet Explorer, and several other programs. The system clock in the bottom right corner indicates the time is 17:43 on 25-07-2016.

```
Prompt de Comando
Resposta de 8.8.8.8: bytes=32 tempo=598ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=679ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=616ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=532ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=980ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=630ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=616ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=643ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1331ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=538ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=633ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=650ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=555ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1157ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=922ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1410ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=761ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=680ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=598ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=921ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1067ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=600ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1210ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=738ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=584ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=566ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1062ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=636ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1638ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=563ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=678ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=761ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1220ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=873ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=981ms TTL=55

Estatísticas do Ping para 8.8.8.8:
    Pacotes: Enviados = 46, Recebidos = 46, Perdidos = 0 (0% de perda).
    Aproximar um número redondo de vezes em milissegundos:
        Mínimo = 521ms, Máximo = 1638ms, Média = 807ms
Control-C
^C
C:\Users\jeanpolini>arp -a

Interface: 10.29.26.122 --- 0xa
Endereço IP: 10.29.26.121 Endereço físico: 00-20-0e-10-82-c3 Tipo: dinâmico
10.29.26.127 ff-ff-ff-ff-ff-ff estático
224.0.0.2 01-00-5e-00-00-02 estático
224.0.0.22 01-00-5e-00-00-16 estático
224.0.0.251 01-00-5e-00-00-fb estático
224.0.0.252 01-00-5e-00-00-fc estático
239.255.255.250 01-00-5e-7f-ff-fa estático
255.255.255.255 ff-ff-ff-ff-ff-ff estático

C:\Users\jeanpolini>vivo-per-25085662-po_
```

