

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31297925-MG

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb rx show

Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	30.000000	11.592000	DVB-S2	102	0	0.0 E		
Yes									
1	1	25.333000	11.592000	DVB-S2	4	0	0.0 E		
Yes									

Satellite (DVB) Receiver Status

```
Rx State           : On
DVB State          : Forward link up
Network            : 1326, T14R Beam
Frequency          : 11.592235 GHz
Symbol Rate       : 29.999410 Msps
S2 ModCod
- receiving        : 12    8PSK-3/5
- current max      : 22    16PSK-8/9
Pilot              : On
```

Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 15.7 dB  
Input Power : -26 dBm  
# dvb tx show

#### Satellite (DVB) TX Configuration

Auto start : Enabled  
IDU Output Power : -20 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 : None

#### Satellite (DVB) Transmitter Status

State : On (DVB-RCS2)  
IDU Output Power : -13.3 dBm  
ODU Output Power : 34.5 dBm  
EIRP : 47.8 dBW  
Es/No : 10.0 dB  
Header Compression : Disabled  
Timing correction : 31 us (248398 us)  
Frequency correction: -160 Hz

The screenshot shows a Windows desktop with two windows open. The left window is a command prompt titled 'C:\Windows\system32\cmd.exe' showing the output of a ping command to 8.8.8.8 and the 'arp -a' command. The right window is a web browser titled 'SatLink VSAT' showing the configuration page for a SatLink 2000 device. The browser address bar shows '10.29.16.57/wmi/dwp/index\_page.dwp'. The configuration page includes sections for Status, Device Status, and Configuration.

**Command Prompt Output:**

```
Resposta de 8.8.8.8: bytes=32 tempo=179ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=1078ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=710ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=721ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=838ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=587ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=659ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=753ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=817ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=869ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=2111ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=609ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=1450ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=660ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=763ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=595ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=532ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=654ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=1810ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=712ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=2430ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=848ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=552ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=619ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=703ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=786ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=855ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=942ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=676ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=226ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=755ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=827ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=540ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=608ms TTL=56
Resposta de 8.8.8.8: bytes=32 tempo=685ms TTL=56

Estatísticas do Ping para 8.8.8.8:
Pacotes: Enviados = 45, Recebidos = 45, Perdidos = 0 (0% de perda).
Aproximar um número redondo de vezes em milissegundos:
Mínimo = 530ms, Máximo = 2876ms, Média = 1026ms
Control-C
C:\Users\FenixSat>arp -a

Interface: 10.29.16.58 --- 0xb
Endereço IP      Endereço físico      Tipo
10.29.16.57      00-20-0e-10-70-32    dinâmico
10.29.16.63      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-00-00-1b    estático
224.0.0.252      01-00-5e-00-00-1c    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\FenixSat>
```

**Web Browser (SatLink VSAT) Configuration:**

Status	Device Status
Satellite	Model: SatLink 2000
Statistics	Software Version: 16.0.1.57
Device	LAN MAC Address: 00:20:0e:10:78:32
DHCP	DVB MAC Address: 00:20:0e:10:78:32
Eventlog	System Up Time: 0 days, 00:16:26
Configuration	CPU Load: 23%
Satellite	System Name: VIVO-PER-31297925-MG
IP	Static NAT
Lineup	System Contact
Device	System Location: MG
Help	ODU Serial Number: 104804040204133616020000
Introduction	ODU HW Version: 4.2
Status	
Configuration	

You are logged in as install (2)  
© Copyright 2006-2014 STM Group. All Rights Reserved.

