

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogério Momi Frias

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31239232-MG

**Link kbps**  
256/128

**Plataforma**  
VSAT



The screenshot shows a Windows desktop with several open applications. In the foreground, a 'SPEEDTEST' window displays the following results:

- PING: 787 ms
- DOWNLOAD SPEED: 0.25 Mbps
- UPLOAD SPEED: 0.03 Mbps

Below the results, there are buttons for 'SHARE THIS RESULT', 'TEST AGAIN', and 'NEW SERVER'. A 'Google' advertisement is also visible, along with a 'trivago' search interface on the right side of the screen. The taskbar at the bottom shows various icons including Internet Explorer, Google Chrome, and other standard Windows applications.

## Satellite (DVB) RX Configuration

Auto start : Enabled  
Max MODCOD : 23 16APSK-9/10 (SNR threshold: 23.5 dB)  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055825	DVB-S2 102		Yes
4	4	9.320000	12.055825	DVB-S2 4		No

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 1326, GlobalIP@Telstar-14R  
Frequency : 12.055703 GHz  
Symbol Rate : 9.320053 Msps  
S2 ModCod  
- receiving : 14 8PSK-3/4  
- current max : 23 16APSK-9/10  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.20  
SNR : 14.3 dB  
Input Power : -27 dBm

#### Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -30 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 34.7 dBm  
EIRP : 48.0 dBW  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

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State : On (TDMA)  
IDU Output Power : -19.4 dBm  
ODU Output Power : 34.6 dBm  
EIRP : 47.9 dBW  
Es/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : -208 us (261008 us)  
Frequency correction: -70 Hz

ping 8.8.8.8

64 bytes from 8.8.8.8: time=710 ms  
64 bytes from 8.8.8.8: time=530 ms  
64 bytes from 8.8.8.8: time=580 ms  
64 bytes from 8.8.8.8: time=530 ms  
64 bytes from 8.8.8.8: time=540 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 530/570/710 ms