

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Renan Borges Sousa

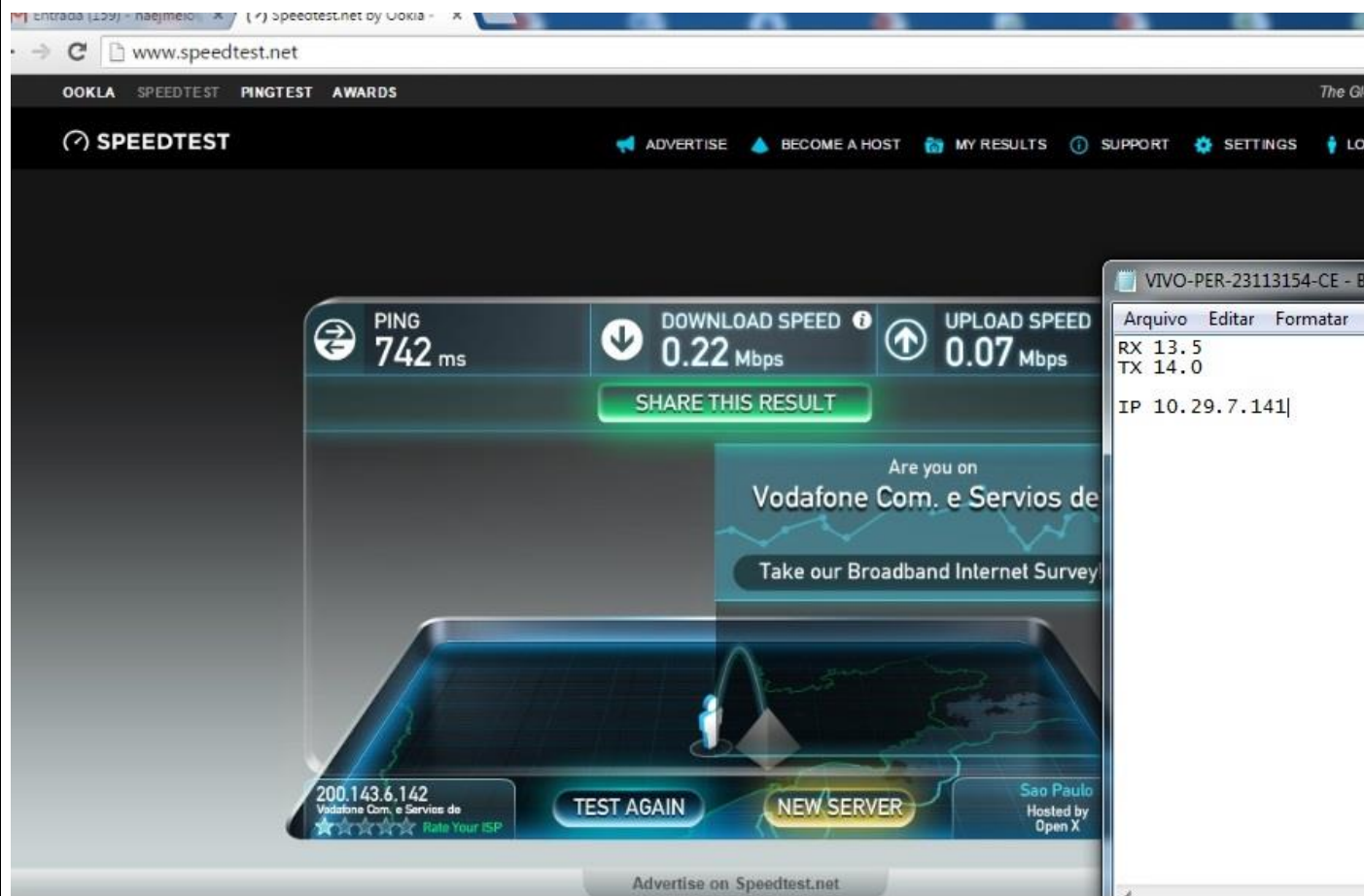
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23113154-CE

**Link kbps**  
256/128

**Plataforma**  
VSAT



```
#
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 4      Yes
```

Satellite (DVB) Receiver Status

```
-----
Rx State              : On
DVB State             : Forward link up
Network               : 1326, GlobalIP@Telstar-14R
Frequency             : 12.055571 GHz
Symbol Rate           : 9.319916 Mbps
S2 ModCod
- receiving           : 16   8PSK-8/9
- current max         : 23   16APSK-9/10
```

Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 13.6 dB  
Input Power : -25 dBm

#

#### Satellite (DVB) TX Configuration

-----

Auto start : Enabled  
IDU Output Power : -30 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 33.7 dBm  
EIRP : 47.0 dBW  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

-----

State : On (TDMA)  
IDU Output Power : -20.8 dBm  
ODU Output Power : 34.0 dBm  
EIRP : 47.3 dBW  
Eb/No : 12.5 dB  
Header Compression : Disabled  
Timing correction : -181 us (260817 us)  
Frequency correction: -260 Hz

IP DVB 10.50.0.76/32

#

# ping 8.8.8.8  
# 64 bytes from 8.8.8.8: time=610 ms  
64 bytes from 8.8.8.8: time=620 ms  
64 bytes from 8.8.8.8: time=540 ms  
64 bytes from 8.8.8.8: time=2330 ms  
64 bytes from 8.8.8.8: time=630 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 540/940/2330 ms

#