

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Paulo Tarso

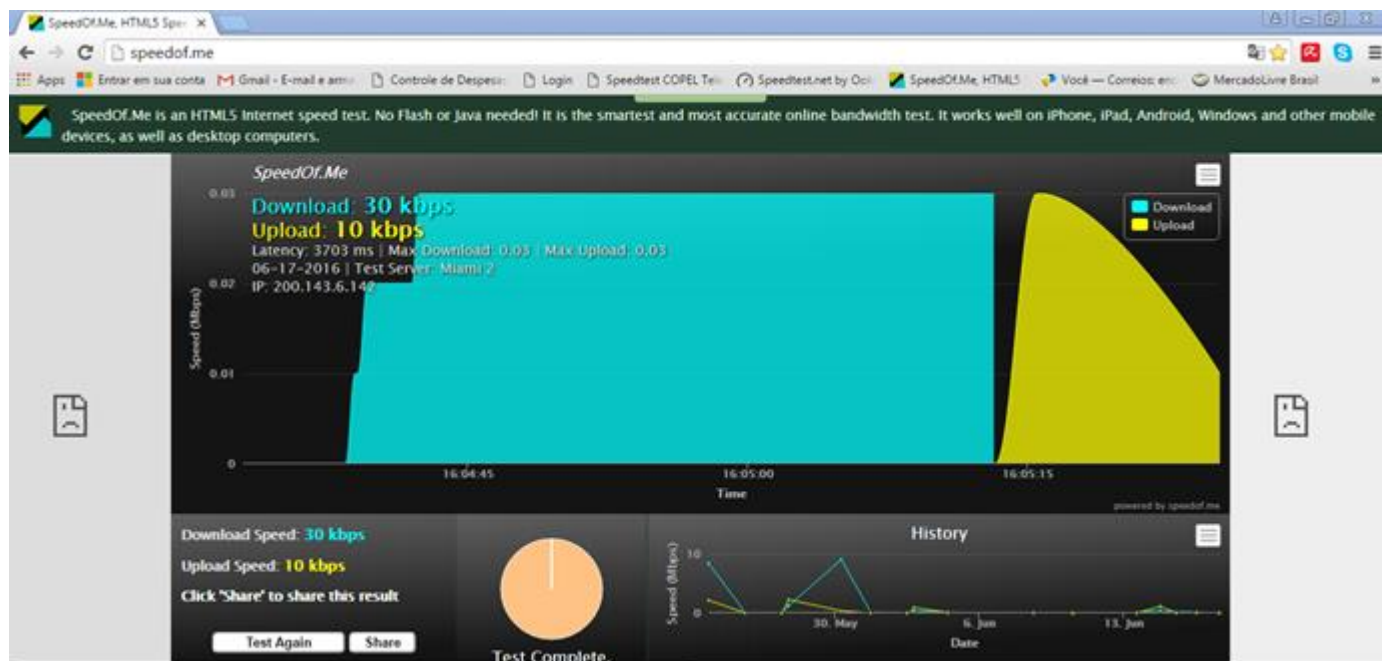
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER- 31194263-MG

**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[Msp/s]	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 : 12.055781 GHz  
Symbol Rate : 9.319960 Msp/s  
S2 ModCod

- receiving : 1 QPSK-1/4  
- current max : 15 8PSK-5/6

Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 15.0 dB  
Input Power : -35 dBm

## Satellite (DVB) TX Configuration

Auto start : Enabled  
IDU Output Power : -18 dBm

```
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 33.7 dBm
EIRP                  : 47.0 dBW
Default CW Frequency: 14.162500 GHz
ATM mode               : VC-Mux
Header Compression    : None
```

#### Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -17.6 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Eb/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -237 us (262554 us)
Frequency correction: -180 Hz
```

#### # ping 8.8.8.8

```
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=550 ms
```

#### --- 8.8.8.8 ping statistics ---

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 550/610/700 ms
```