TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Jefferson de Souza Marques

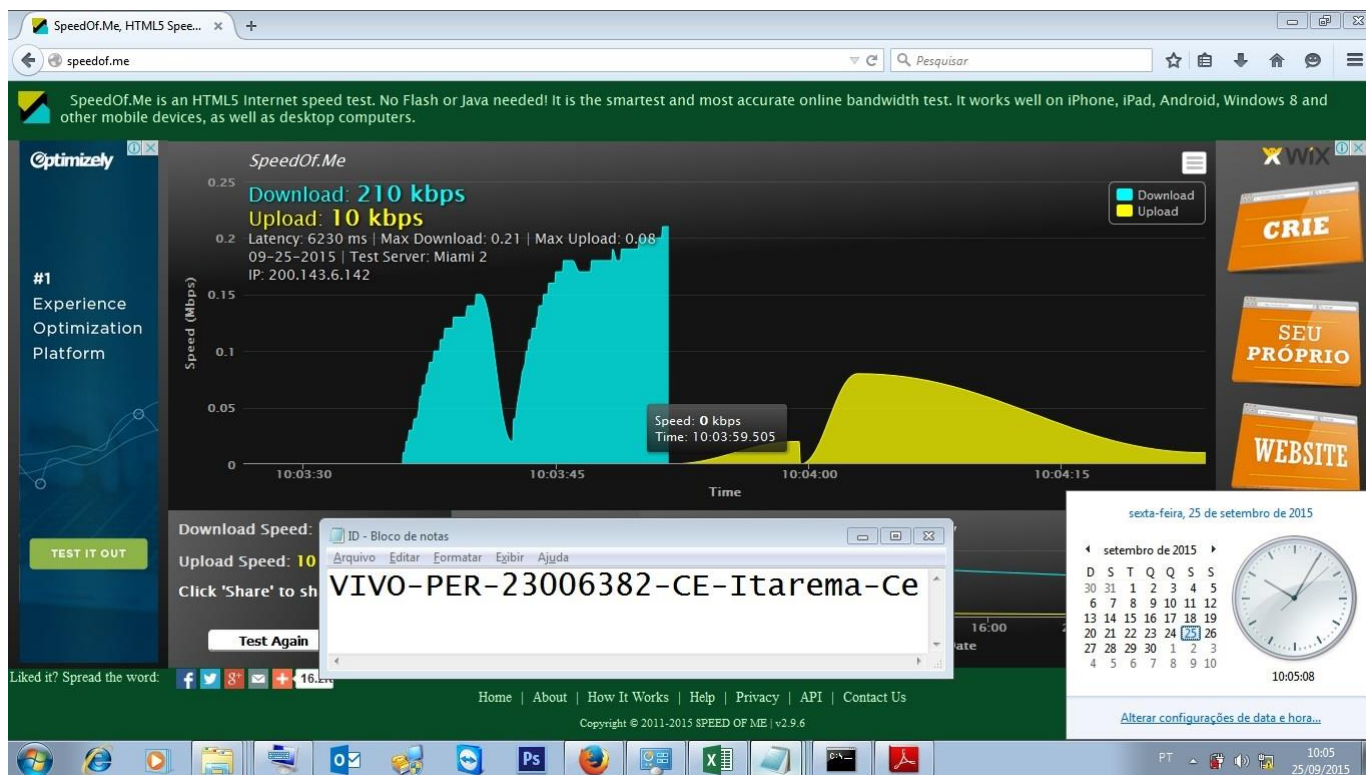**Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23006382-CE	256/128	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[Msps]  Freq[GHz]   Mode    PopId    Enable
*  0   0     9.320000        12.055825   DVB-S2  4           Yes
   1   1     0.000000         0.000000   DVB-S2  2           No


Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  GlobalIP@Telstar-14R
Frequency            : 12.055751 GHz
Symbol Rate          : 9.319914 Msps
S2 ModCod
      - receiving    : 13   8PSK-2/3
      - current max  : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 15.1 dB
Input Power          : -25 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -22 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 48.0 dBW
Default CW Frequency: 14.125500 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -22.5 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 48.0 dBW
Eb/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -199 us (260457 us)
Frequency correction: -300 Hz
#


IP DVB 10.53.0.199/32


# ping 8.8.8.8
64 bytes from 8.8.8.8: time=2170 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=1830 ms
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=720 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 720/1310/2170 ms
#
```