TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

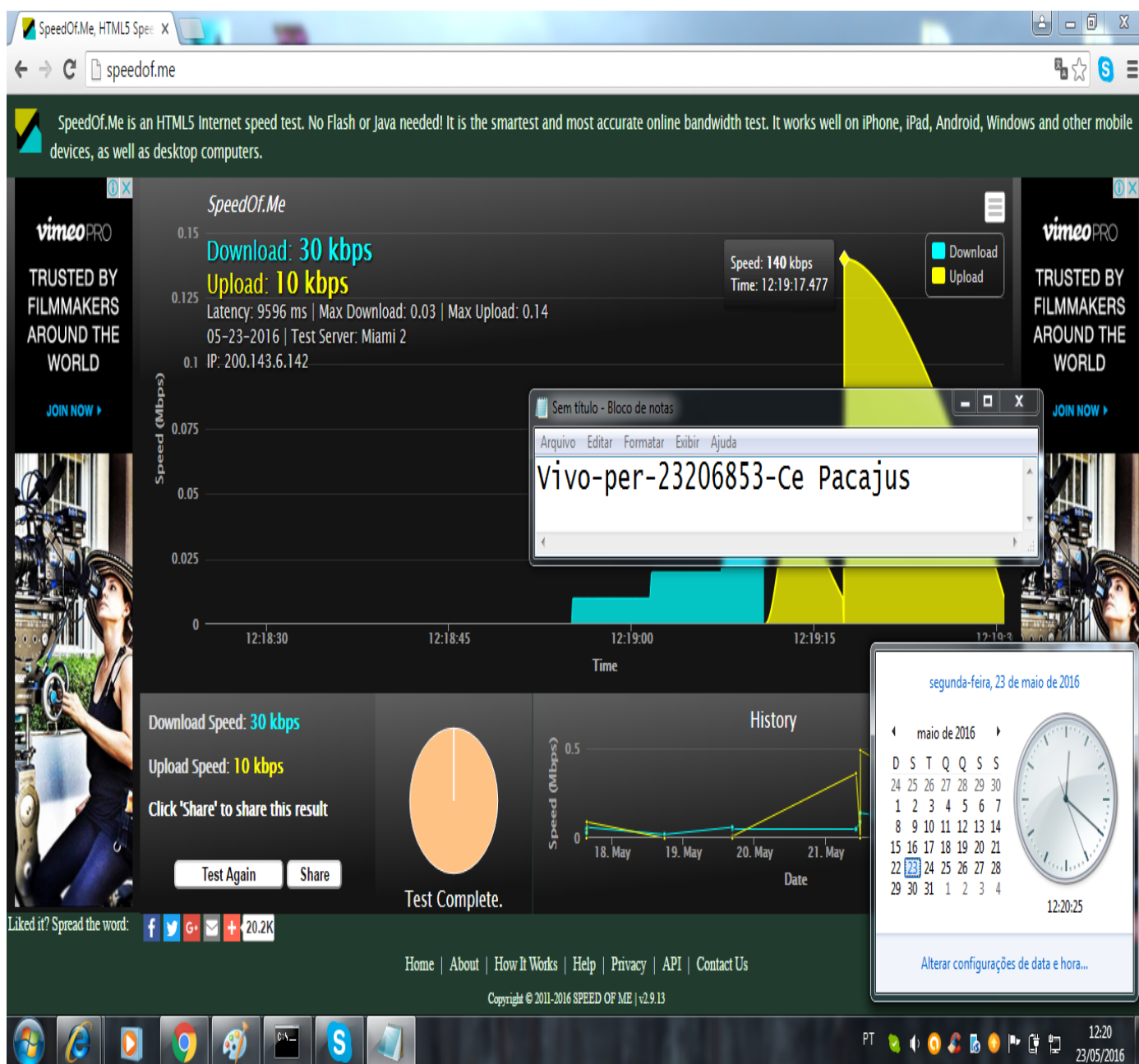**Solicitante:** VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos | **Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23206853-CE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power: 0.0 dBm
```

```
ODU Output Power    : 35.1 dBm
EIRP                : 46.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On   (DVB-RCS)
IDU Output Power    : -21.9 dBm
ODU Output Power    : 35.2 dBm
EIRP                : 46.1 dBW
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -263 us (261041 us)
Frequency correction: -110 Hz
#
# dvb rx show

Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max Traffic MODCOD  : 23   16APSK-9/10
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz] Mode   PopId   SatId  Pos   SatName          Name
Enable
* 0  0     9.320000       12.055825 DVB-S2 102          0   0.0 E
Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-14R
Frequency           : 12.056126 GHz
Symbol Rate         : 9.320103 Msps
S2 ModCod
      - receiving   : 1   QPSK-1/4
      - current max : 16   8PSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 13.0 dB
Input Power         : -30 dBm
#


IP DVB 10.50.1.164/32


Ping desde o MGMT- Server ao IP de trafego e para o DVB.


Ping desde dentro da VSAT 8.8.8.8


# ping 8.8.8.8
64 bytes from 8.8.8.8: time=870 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=1110 ms
64 bytes from 8.8.8.8: time=1470 ms
64 bytes from 8.8.8.8: time=680 ms
```

```
---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 680/970/1470 ms
#
```