TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais
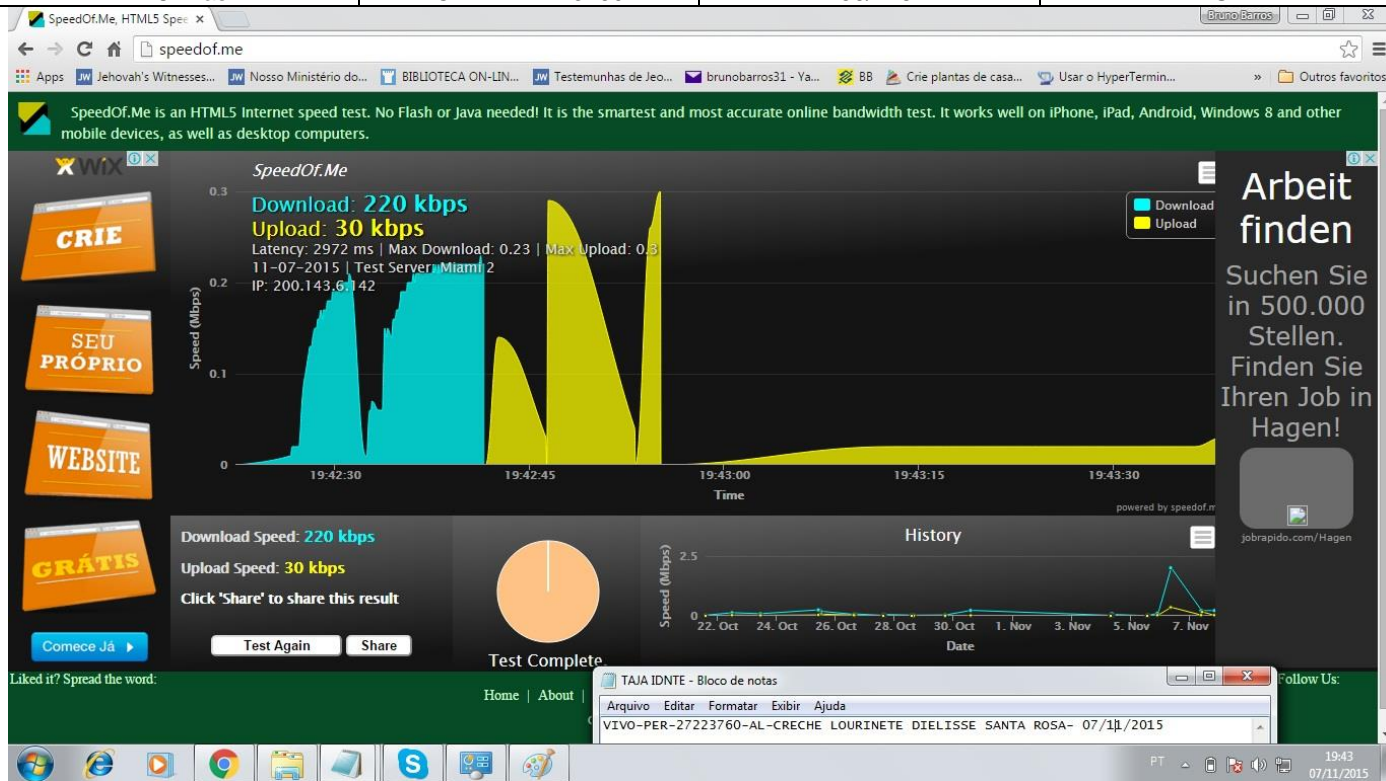
NOC/Operador: Rogério Momi Frias | **Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-27223760-AL	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        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State        : On
DVB State       : Forward link up
Network         : 1326,  GlobalIP@Telstar-14R
Frequency       : 12.055850 GHz
Symbol Rate     : 9.320091 Msps
S2 ModCod
   - receiving   : 1   QPSK-1/4
   - current max : 23   16APSK-9/10
Pilot           : On
Frame length    : Short
DVB S2 Mode     : ACM
Roll off        : 0.25
SNR             : 15.6 dB
Input Power     : -22 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
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
-------------------------------
State          : On (TDMA)
IDU Output Power   : -19.9 dBm
ODU Output Power   : 34.0 dBm
EIRP          : 47.3 dBW
Eb/No          : 14.0 dB
Header Compression  : Disabled
Timing correction   : -218 us (262241 us)
Frequency correction: -90 Hz




 ping 8.8.8.8
64 bytes from 8.8.8.8: time=1120 ms
64 bytes from 8.8.8.8: time=2300 ms
64 bytes from 8.8.8.8: time=1940 ms
64 bytes from 8.8.8.8: time=660 ms
64 bytes from 8.8.8.8: time=560 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 560/1310/2300 ms
```