TERMO DE ACEITE TÉCNICO

EMC EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais
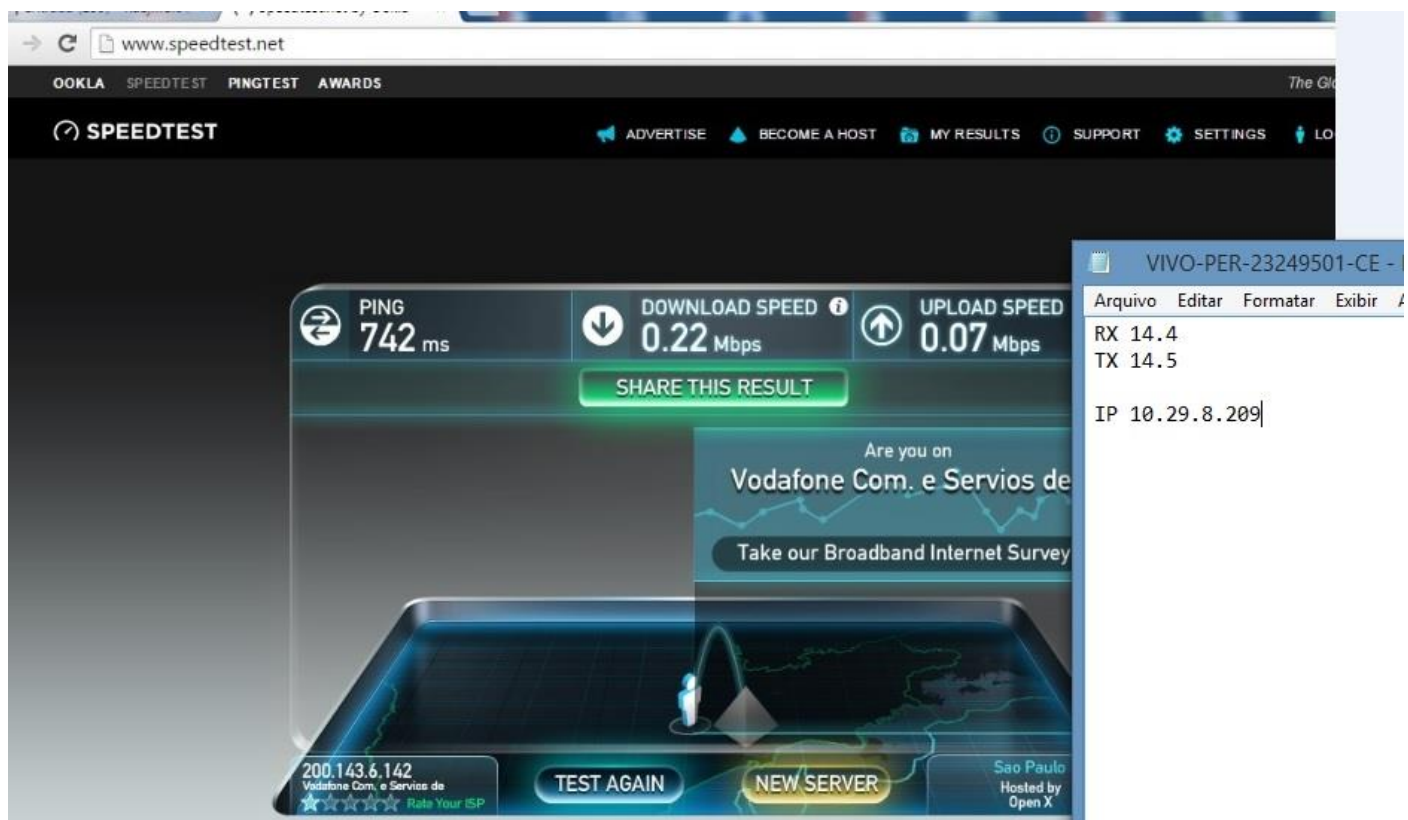
NOC/Operador: Rogerio Momi Frias	Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23249501-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        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State         : On
DVB State        : Forward link up
Network          : 1326, GlobalIP@Telstar-14R
Frequency        : 12.055577 GHz
Symbol Rate      : 9.319768 Msps
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              : 14.8 dB
Input Power      : -26 dBm
```

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Satellite (DVB) TX Configuration
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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    : -21.8 dBm
ODU Output Power    : 33.4 dBm
EIRP               : 46.7 dBW
Eb/No              : 14.5 dB
Header Compression : Disabled
Timing correction   : -261 us (260549 us)
Frequency correction: -150 Hz


ping 8.8.8.8
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=640 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 540/630/830 ms
```