

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Rogério Momi Frias

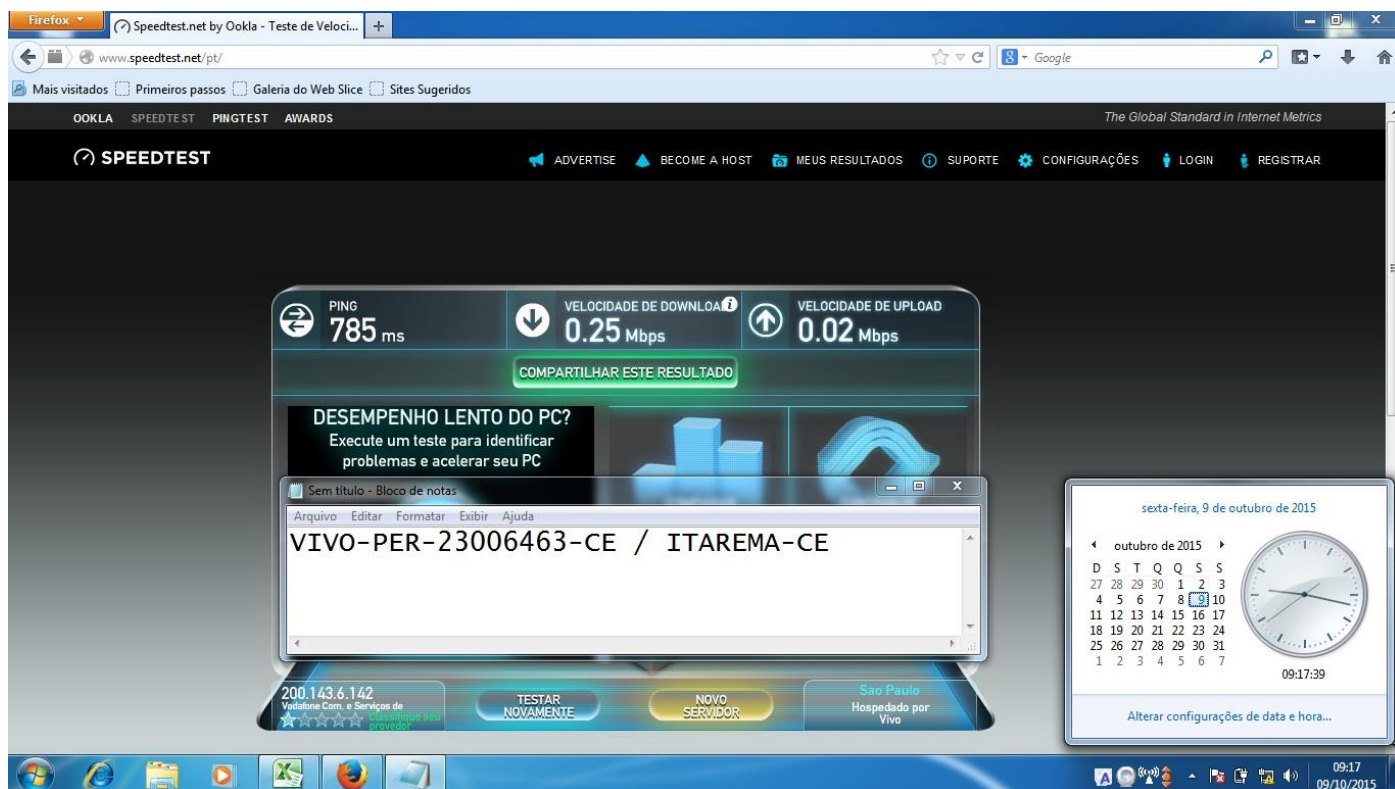
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23006463-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[Msps]	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 : 12.055814 GHz
Symbol Rate : 9.320029 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 : 14.7 dB
Input Power : -25 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -15 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 : -21.2 dBm
ODU Output Power : 33.8 dBm
EIRP : 47.1 dBW
Eb/No : 14.0 dB
Header Compression : Disabled
Timing correction : -39 us (260496 us)
Frequency correction: -360 Hz

```
Pinging 10.53.0.215 with 32 bytes of data:
Reply from 10.53.0.215: bytes=32 time=1732ms TTL=61
Reply from 10.53.0.215: bytes=32 time=552ms TTL=61
Reply from 10.53.0.215: bytes=32 time=665ms TTL=61
Reply from 10.53.0.215: bytes=32 time=571ms TTL=61

Ping statistics for 10.53.0.215:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 552ms, Maximum = 1732ms, Average = 880ms

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.29.4.81

Pinging 10.29.4.81 with 32 bytes of data:

Reply from 10.29.4.81: bytes=32 time=1713ms TTL=61
Reply from 10.29.4.81: bytes=32 time=537ms TTL=61
Reply from 10.29.4.81: bytes=32 time=627ms TTL=61
Reply from 10.29.4.81: bytes=32 time=550ms TTL=61

Ping statistics for 10.29.4.81:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 537ms, Maximum = 1713ms, Average = 856ms
```

ping 8.8.8.8

64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=1490 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=540 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 540/800/1490 ms