

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Hernan Martins Alves

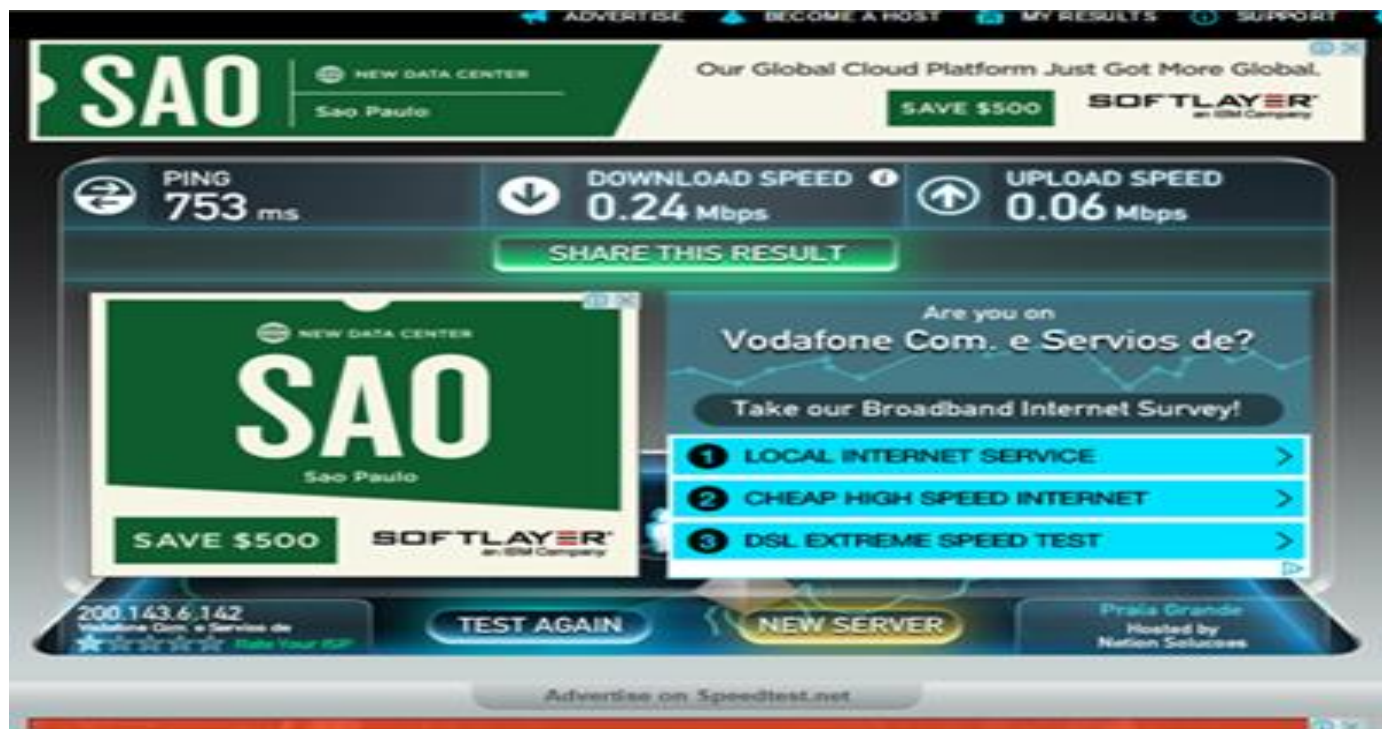
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31026956-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[Mbps]	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             : 12.055775 GHz
Symbol Rate           : 9.319920 Msps
S2 ModCod
  - receiving         : 14    8PSK-3/4
  - current max       : 15    8PSK-5/6
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 13.2 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     : 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     : -17.6 dBm  
ODU Output Power     : 33.5 dBm  
EIRP                 : 46.8 dBW  
Eb/No                : 13.0 dB  
Header Compression   : Disabled  
Timing correction    : -291 us (261809 us)  
Frequency correction: -320 Hz
```

IP DVB 10.53.0.122/32

```
Pinging 10.53.0.122 with 32 bytes of data:  
Reply from 10.53.0.122: bytes=32 time=1505ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=734ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=660ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=569ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=663ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=759ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=670ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=959ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=872ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=792ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=712ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=811ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=740ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=652ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=751ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=669ms TTL=61  
Reply from 10.53.0.122: bytes=32 time=776ms TTL=61
```

```
Ping statistics for 10.53.0.122:  
    Packets: Sent = 17, Received = 17, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 569ms, Maximum = 1505ms, Average = 782ms
```

```
# ping 8.8.8.8  
64 bytes from 8.8.8.8: time=2900 ms  
64 bytes from 8.8.8.8: time=650 ms  
64 bytes from 8.8.8.8: time=560 ms  
64 bytes from 8.8.8.8: time=560 ms  
64 bytes from 8.8.8.8: time=520 ms
```

```
--- 8.8.8.8 ping statistics ---  
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 520/1030/2900 ms
```