

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

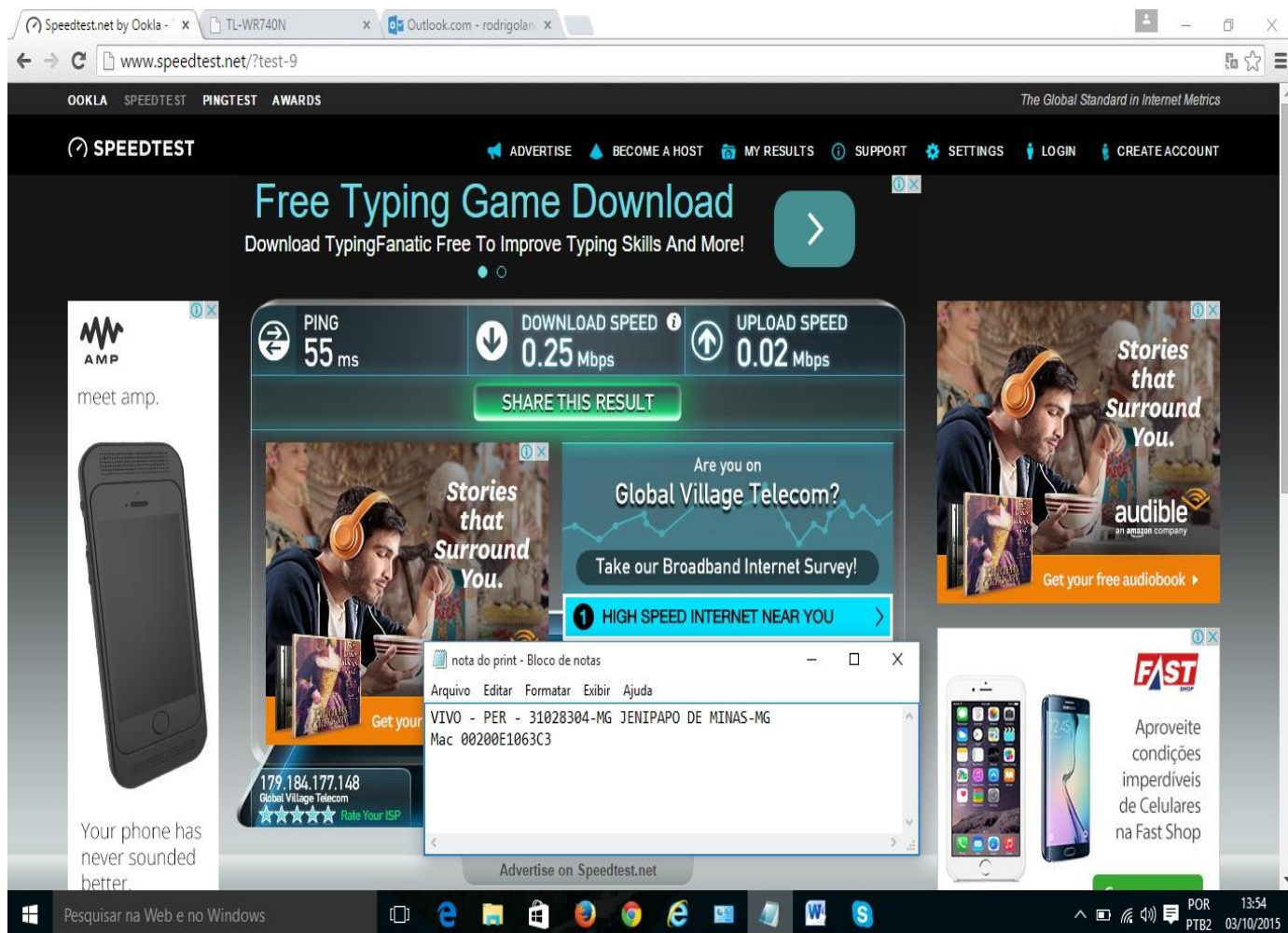
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31028304-MG

Link kbps
256k/128k

Plataforma
VSAT



```
# dvb tx show
```

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     : -17.0 dBm
```

```
ODU Output Power      : 34.6 dBm
EIRP                  : 47.9 dBW
Eb/No                 : 15.0 dB
Header Compression    : Disabled
Timing correction     : -107 us (261652 us)
Frequency correction   : -300 Hz
# dvb rx show

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[Msp] 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            : 12.055696 GHz
Symbol Rate          : 9.319939 Msp
S2 ModCod
- receiving          : 14   8PSK-3/4
- current max        : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 14.4 dB
Input Power          : -33 dBm
#
```

IP DVB 10.50.0.25/32

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=770 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=700 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 560/650/770 ms
#
```