

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

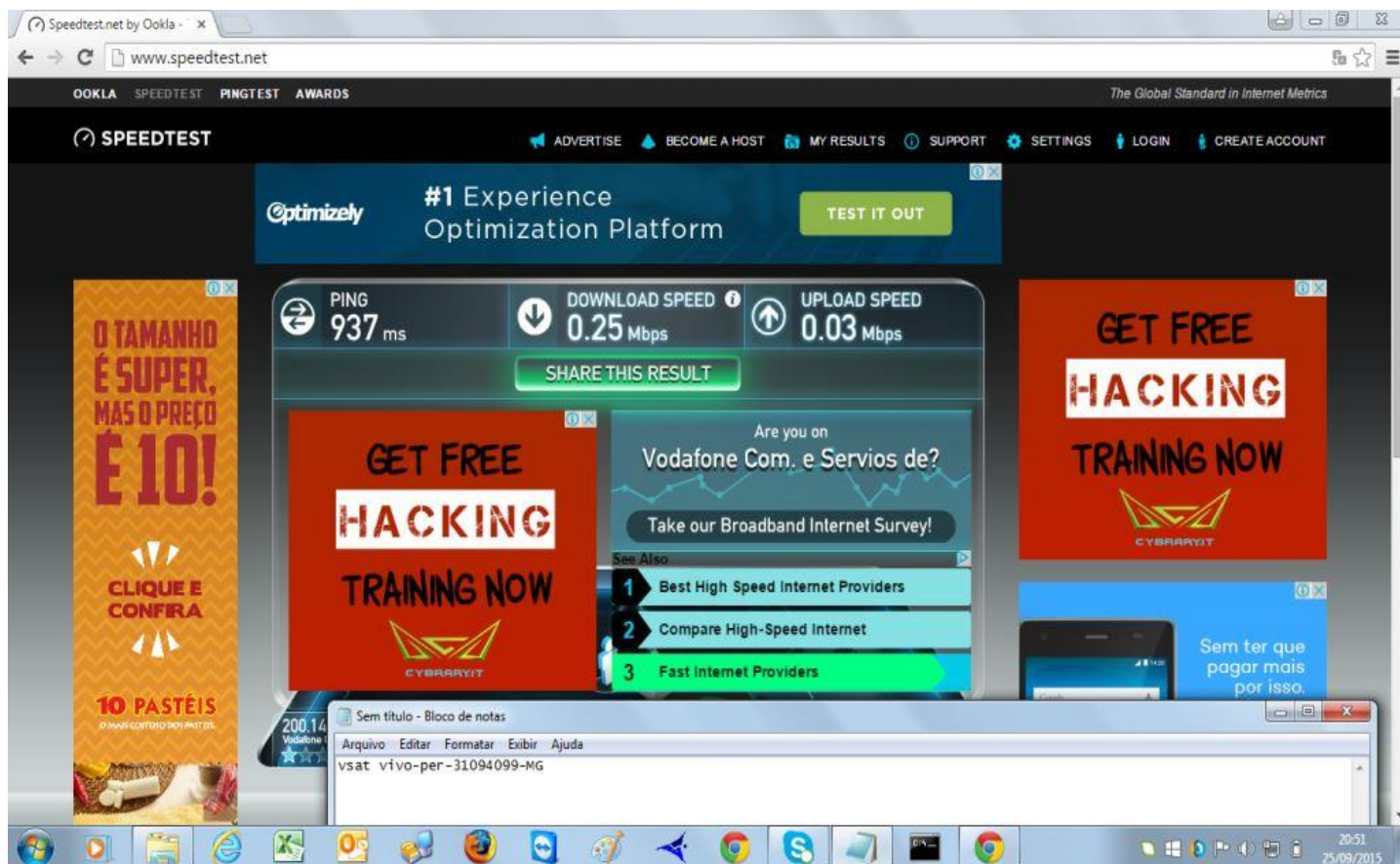
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31014099-MG

Link kbps
256/128

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     : -21.9 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Eb/No                : 14.0 dB
```

```
Header Compression : Disabled
Timing correction  : -165 us (260938 us)
Frequency correction: -130 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[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055285	DVB-S2	4	Yes
1	1	0.000000	0.000000	DVB-S2	2	No

Satellite (DVB) Receiver Status

```
-----
Rx State           : On
DVB State          : Forward link up
Network            : 1326, GlobalIP@Telstar-14R
Frequency          : 12.055633 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                : 14.2 dB
Input Power        : -27 dBm
#
```

IP DVB 10.53.0.219/32

- 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=1770 ms
64 bytes from 8.8.8.8: time=640 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=530 ms
```

```
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 530/800/1770 ms
#
```