

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

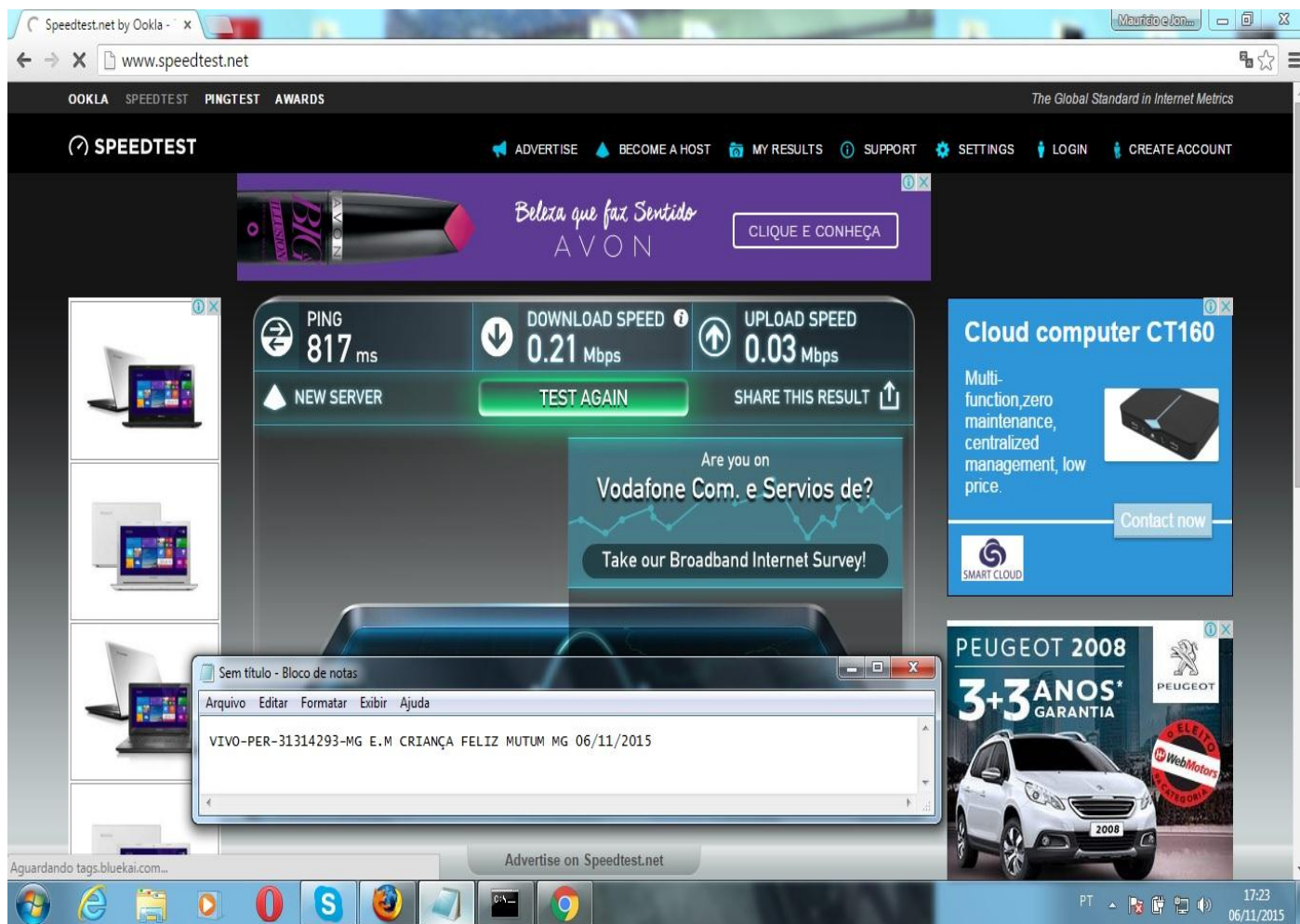
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31314293-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     : 33.7 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      : -18.9 dBm
ODU Output Power      : 33.6 dBm
EIRP                  : 46.9 dBW
Eb/No                 : 14.5 dB
Header Compression    : Disabled
Timing correction     : -295 us (262577 us)
Frequency correction   : -100 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[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              : 12.055631 GHz
Symbol Rate           : 9.319762 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           : -25 dBm
#
```

IP DVB 10.50.0.210/32

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=590 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=600 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 = 540/580/640 ms
#
```