

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

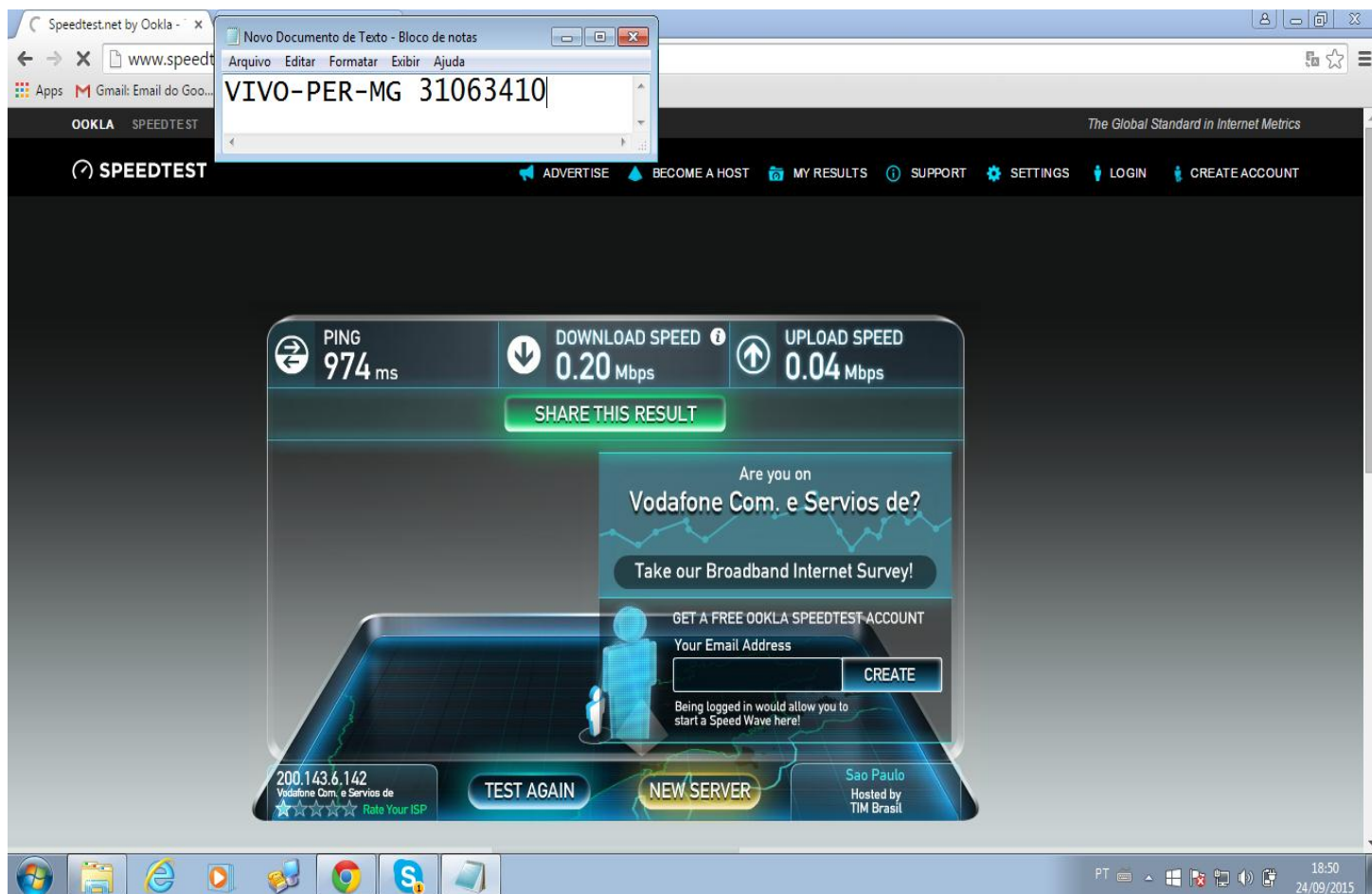
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31063410-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     : -17.9 dBm
ODU Output Power     : 34.4 dBm
```

```
EIRP           : 47.7 dBW
Eb/No          : 14.0 dB
Header Compression : Disabled
Timing correction : -157 us (261042 us)
Frequency correction: -220 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
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       : 12.055823 GHz
Symbol Rate     : 9.319979 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             : 14.4 dB
Input Power     : -25 dBm
#
```

IP DVB 10.53.0.207/32

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=660 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=890 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 540/640/890 ms
#
```