

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Jefferson de Souza Marques

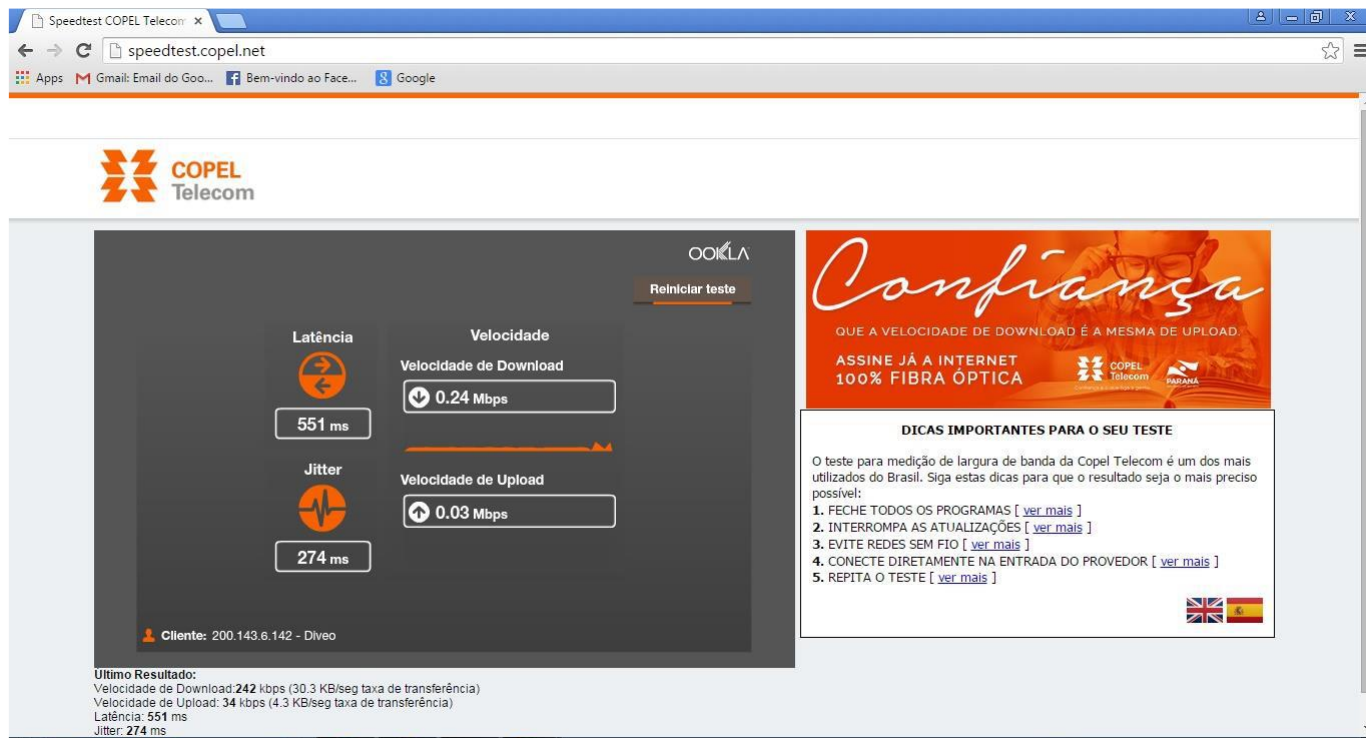
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23201410-CE

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[Msp/s] | 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           : 12.055838 GHz
Symbol Rate        : 9.319847 Msp/s
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                 : 14.1 dB
Input Power         : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -22 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.7 dBm
EIRP                 : 49.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   : None

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -18.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Es/No                : 10.5 dB
Header Compression   : Disabled
Timing correction    : -297 us (260587 us)
Frequency correction : -250 Hz
#

IP DVB 10.50.0.238/32

# 64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=1940 ms
64 bytes from 8.8.8.8: time=770 ms
64 bytes from 8.8.8.8: time=1880 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 770/1280/1940 ms
#
```