TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

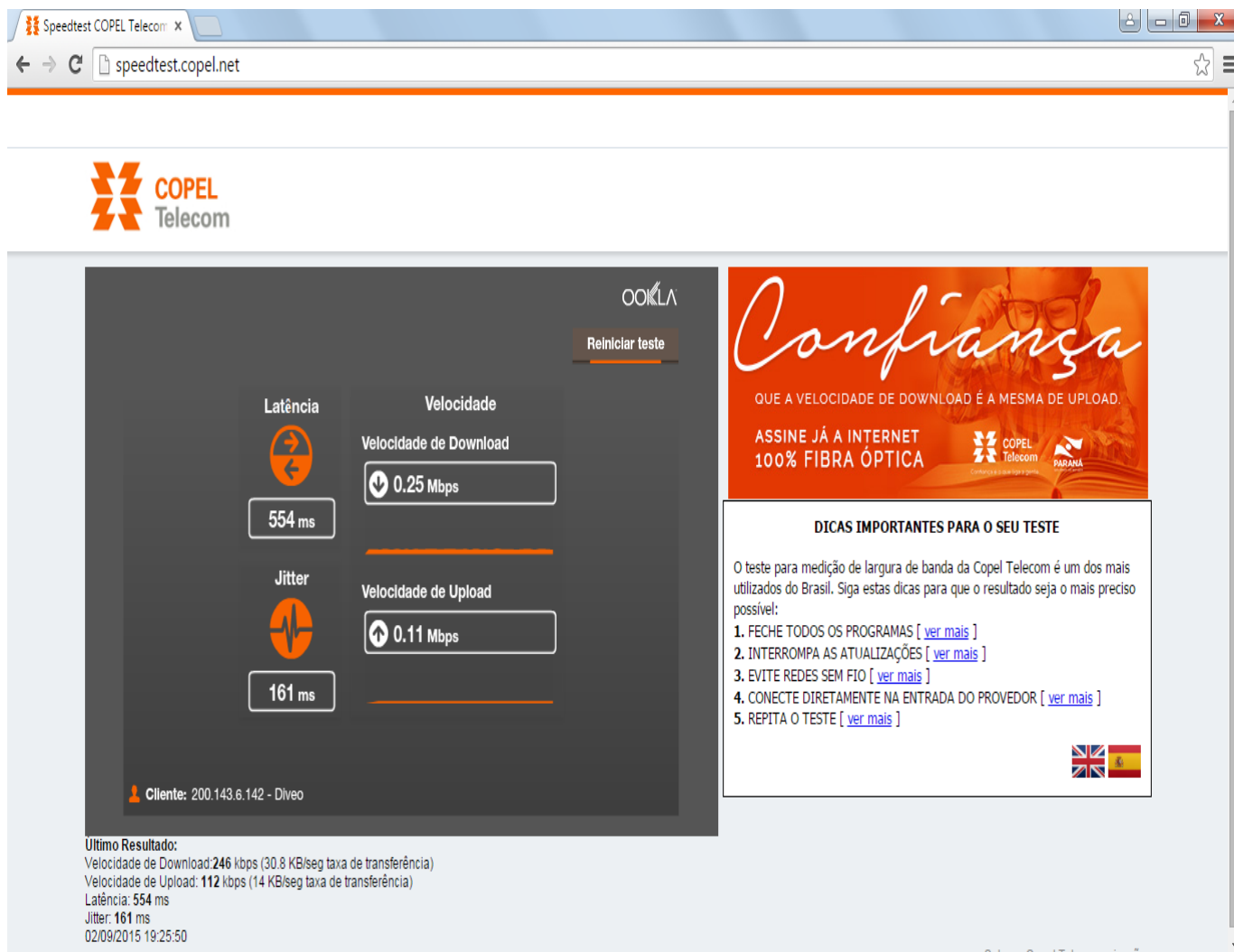**NOC/Operador:** Allan Santos | **Cliente: VIVO**

Empresa EMC Brasil	VSAT-ID VIVO-PER-31096768-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               : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode           : VC-Mux
Header Compression :  None


Satellite (DVB) Transmitter Status
--------------------------------
```

```
State                : On (TDMA)
IDU Output Power     : -14.7 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 47.4 dBW
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -305 us (262680 us)
Frequency correction: -120 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            : 12.055689 GHz
Symbol Rate          : 9.320008 Msps
S2 ModCod
       - receiving   : 15   8PSK-5/6
       - current max : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 13.7 dB
Input Power          : -22 dBm
#



IP DVB 10.53.0.61/32



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=780 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=730 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 710/740/780 ms
#
```