TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
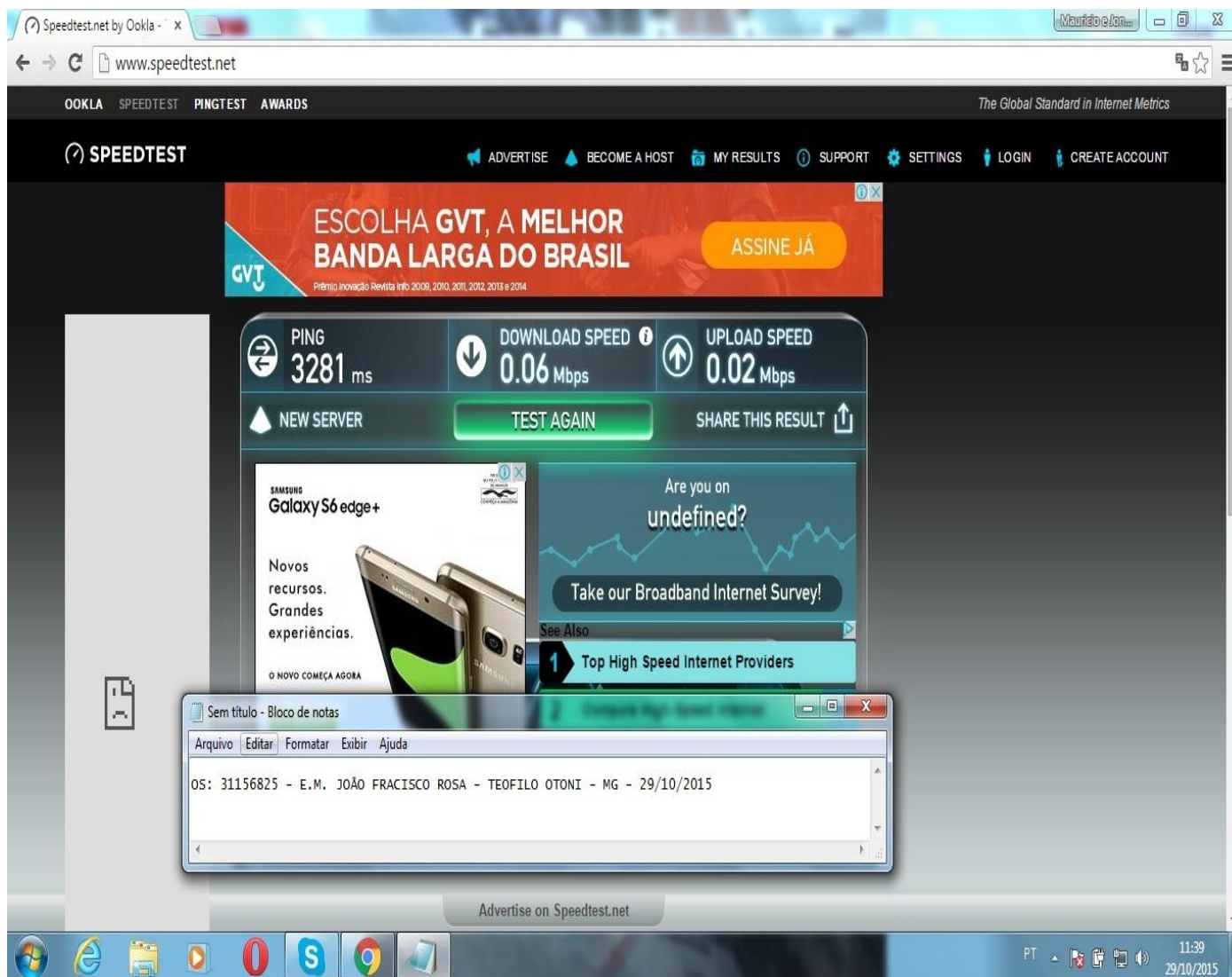
NOC/Operador: Allan Santos | **Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31156825-MG	256k/128k	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      : -15.8 dBm
ODU Output Power      : 34.0 dBm
EIRP                  : 47.3 dBW
Eb/No                 : 14.0 dB
Header Compression    : Disabled
Timing correction     : -233 us (262033 us)
Frequency correction: -320 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             : 12.055983 GHz
Symbol Rate           : 9.320064 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                   : 15.1 dB
Input Power           : -25 dBm
#


IP DVB 10.50.0.136/32


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=620 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=580 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 570/600/690 ms
#
```