

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

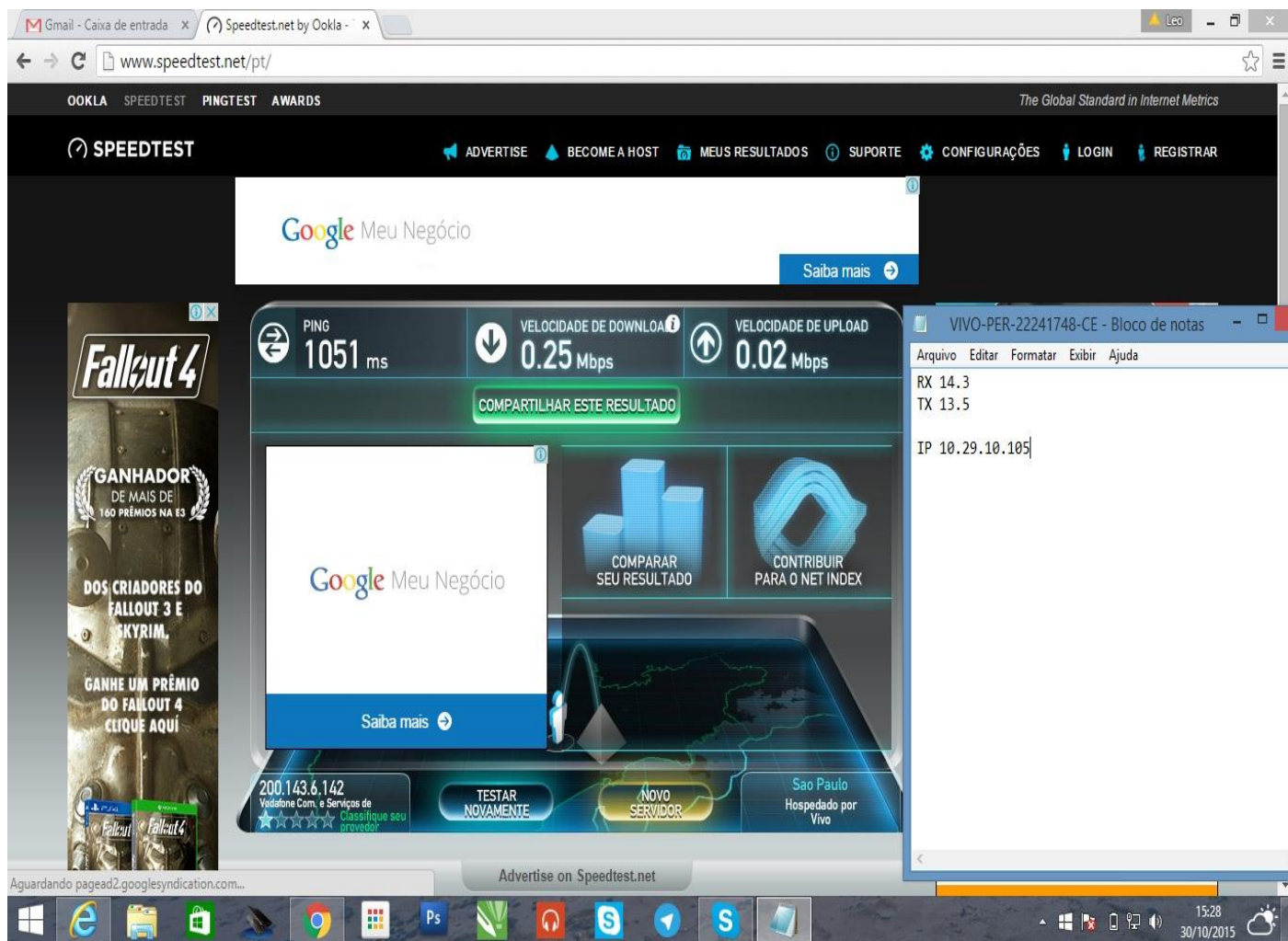
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23241748-CE

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -24 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 14.162500 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -22.3 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Eb/No                : 15.0 dB
Header Compression   : Disabled
Timing correction     : -326 us (260461 us)
Frequency correction : -70 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[Mbps]	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             : 12.055869 GHz
Symbol Rate           : 9.319902 Msps
S2 ModCod
  - receiving         : 13    8PSK-2/3
  - current max       : 23    16APSK-9/10
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 14.6 dB
Input Power           : -19 dBm
#
```

IP DVB 10.50.0.153/32

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=580 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=590 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 580/640/750 ms
#
```