	TERMO DE ACEITE TÉCNICO

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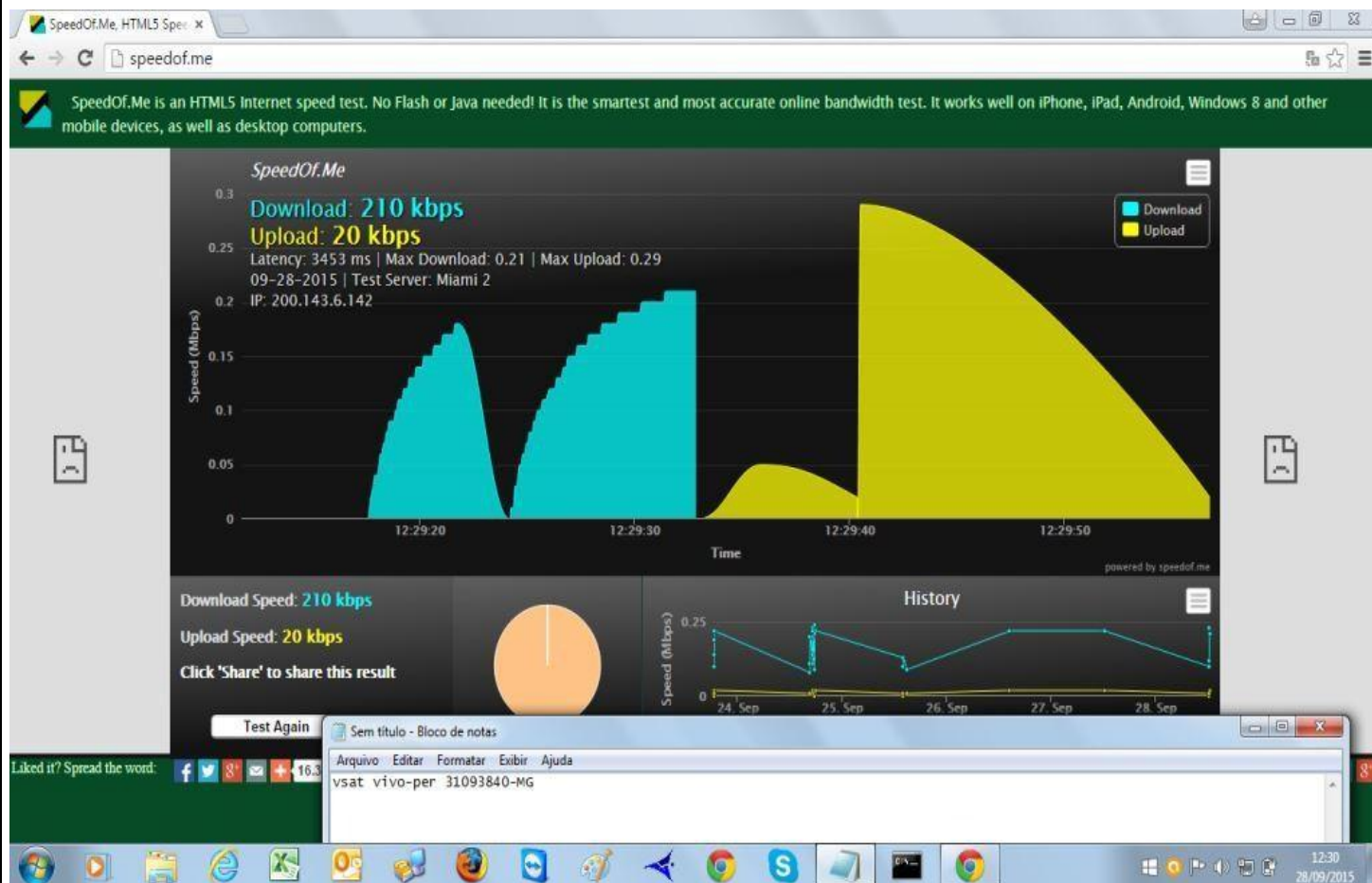
NOC/Operador: Allan Santos	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-31093840-MG	256/128	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     : -22.5 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 47.8 dBW
```

```
Eb/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -209 us (260919 us)
Frequency correction: -290 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      12.055285  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           : 12.055637 GHz
Symbol Rate         : 9.320094 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                 : 15.0 dB
Input Power         : -26 dBm
#


IP DVB 10.53.0.226/32



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=1400 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=970 ms
64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=540 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss rtt min/avg/max =
540/890/1400 ms #
```