	TERMO DE ACEITE TÉCNICO

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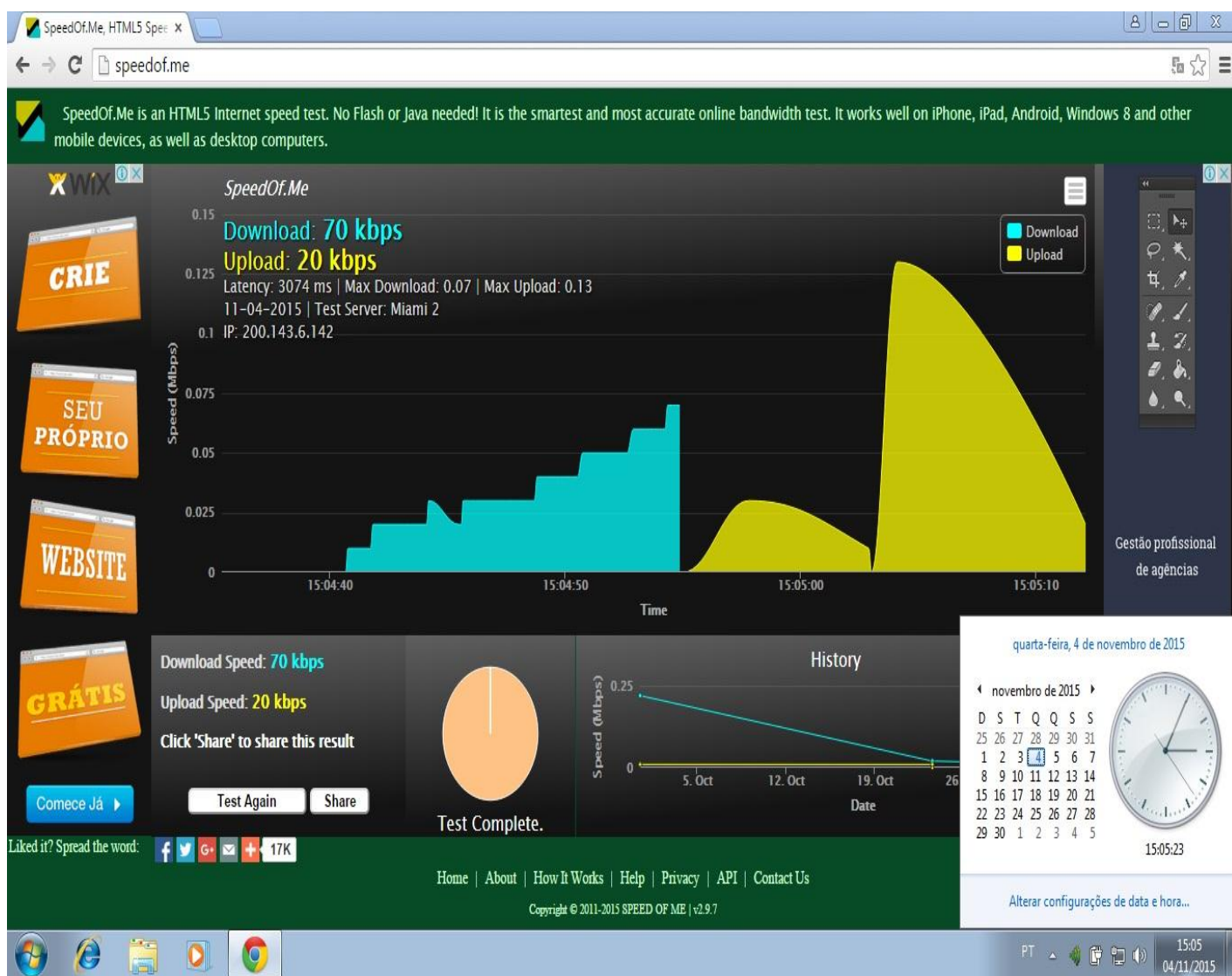
NOC/Operador: Allan Santos	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-22139370-PI	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power     : -15 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    : -15.1 dBm
ODU Output Power    : 35.0 dBm
EIRP                : 48.3 dBW
Eb/No               : 14.5 dB
Header Compression  : Disabled
Timing correction   : -263 us (259640 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       12.055825  DVB-S2 4          Yes

Satellite (DVB) Receiver Status
---------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-14R
Frequency           : 12.055654 GHz
Symbol Rate         : 9.319912 Msps
S2 ModCod
     - receiving    : 14   8PSK-3/4
     - current max  : 23   16APSK-9/10
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.3 dB
Input Power         : -28 dBm
#


IP DVB 10.50.0.188/32


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=790 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=970 ms
64 bytes from 8.8.8.8: time=640 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 = 640/810/970 ms
#
```