Solicitante: VIVO- Projeto Escolas Rurais

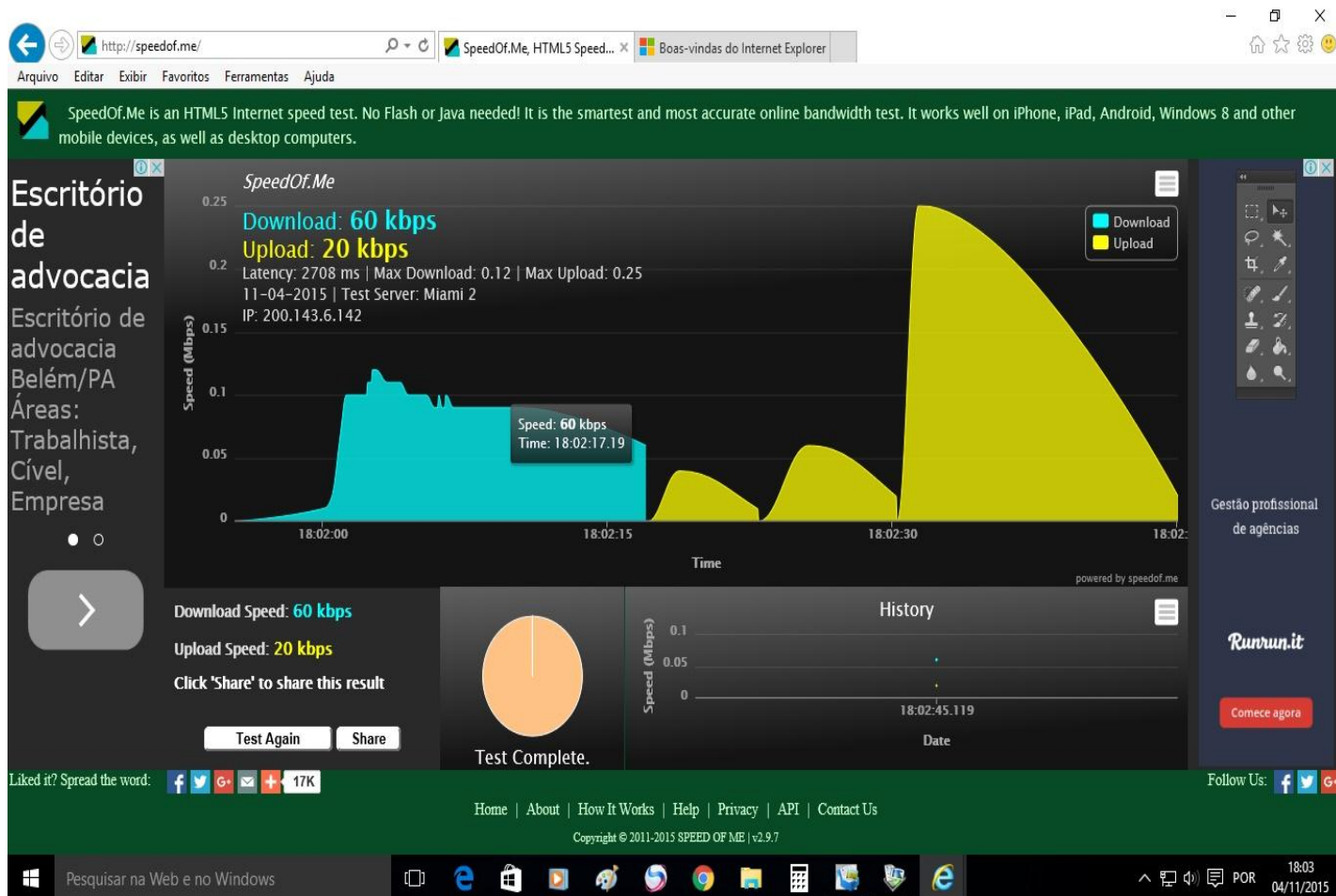**NOC/Operador:** Allan Santos | **Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-22003991-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     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None




Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -19.1 dBm
```

```
ODU Output Power      : 35.9 dBm
EIRP                  : 47.2 dBW
Eb/No                 : 14.0 dB
Header Compression    : Disabled
Timing correction     : -252 us (259615 us)
Frequency correction: -220 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             : 12.055585 GHz
Symbol Rate           : 9.319952 Msps
S2 ModCod
      - receiving     : 16   8PSK-8/9
      - current max   : 23   16APSK-9/10
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 13.6 dB
Input Power           : -29 dBm
#


IP DVB 10.50.0.191/32



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=660 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=630 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 560/620/660 ms
#
```