TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais
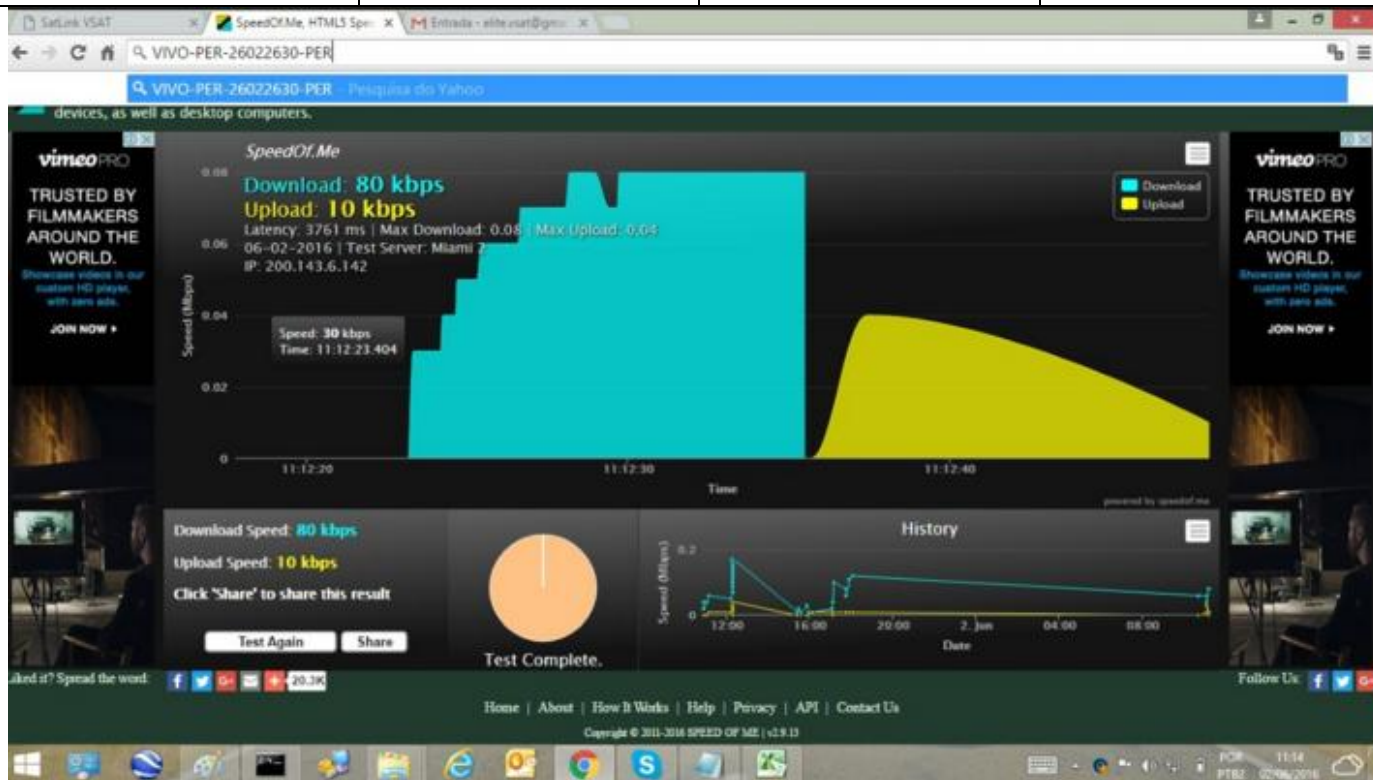

NOC/Operador: Bruno Carvalho de Sá | **Cliente: VIVO**

Empresa EMC Brasil	VSAT-ID VIVO-PER-26022630-PE	Link kbps 256/128	Plataforma VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
--------------------------------
State                : On  (DVB-RCS)
IDU Output Power     : -19.9 dBm
Es/No                : 13.5 dB
Header Compression   : Disabled
Timing correction    : -227 us (261291 us)
Frequency correction: 100 Hz
```

```
# dvb rx show

Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
RX watchdog           : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz] Mode   PopId   SatId  Pos   SatName        Name
Enable
* 0  0      9.320000      12.055825 DVB-S2 102       0   0.0 E
Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State              : On
DVB State             : Forward link up
Network               : 1326,  GlobalIP@Telstar-14R
Frequency             : 12.055929 GHz
Symbol Rate           : 9.320103 Msps
S2 ModCod
      - receiving     : 1   QPSK-1/4
      - current max   : 16   8PSK-8/9
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
DVB S2 Stream type    : MPEG-TS
Roll off              : 0.20
SNR                   : 14.4 dB
Input Power           : -35 dBm


IP DVB 10.50.2.2 /32

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=800 ms
64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=850 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=720 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 700/850/760 ms
#
```