TERMO DE ACEITE TÉCNICO

EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá	Cliente: VIVO

Empresa EMC Brasil	VSAT-ID VIVO-PER-31289353-MG	Link kbps 256/128	Plataforma VSAT
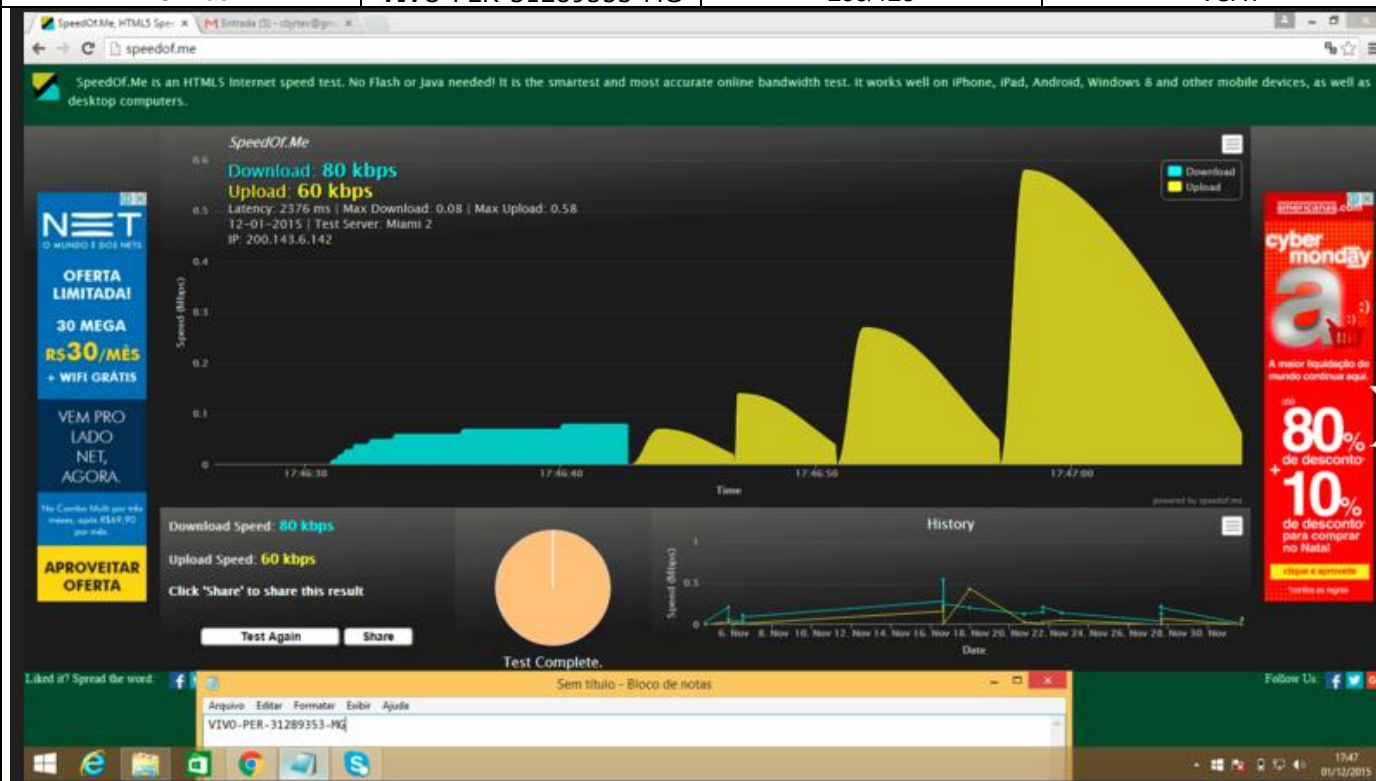

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -23.4 dBm
ODU Output Power    : 34.6 dBm
EIRP                : 47.9 dBW
Es/No               : 15.0 dB
Header Compression  : Disabled
Timing correction   : -266 us (261906 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
  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           : 12.056241 GHz
Symbol Rate         : 9.319924 Msps
S2 ModCod
        - receiving : 14   8PSK-3/4
        - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 13.4 dB
Input Power         : -30 dBm


IP DVB 10.50.1.24 /32


# ping 8.8.8.8
64 bytes from 8.8.8.8: time=1240 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=520 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 520/680/1240 ms
#
```