TERMO DE ACEITE TÉCNICO

EMC EMERGING MARKETS COMMUNICATIONS

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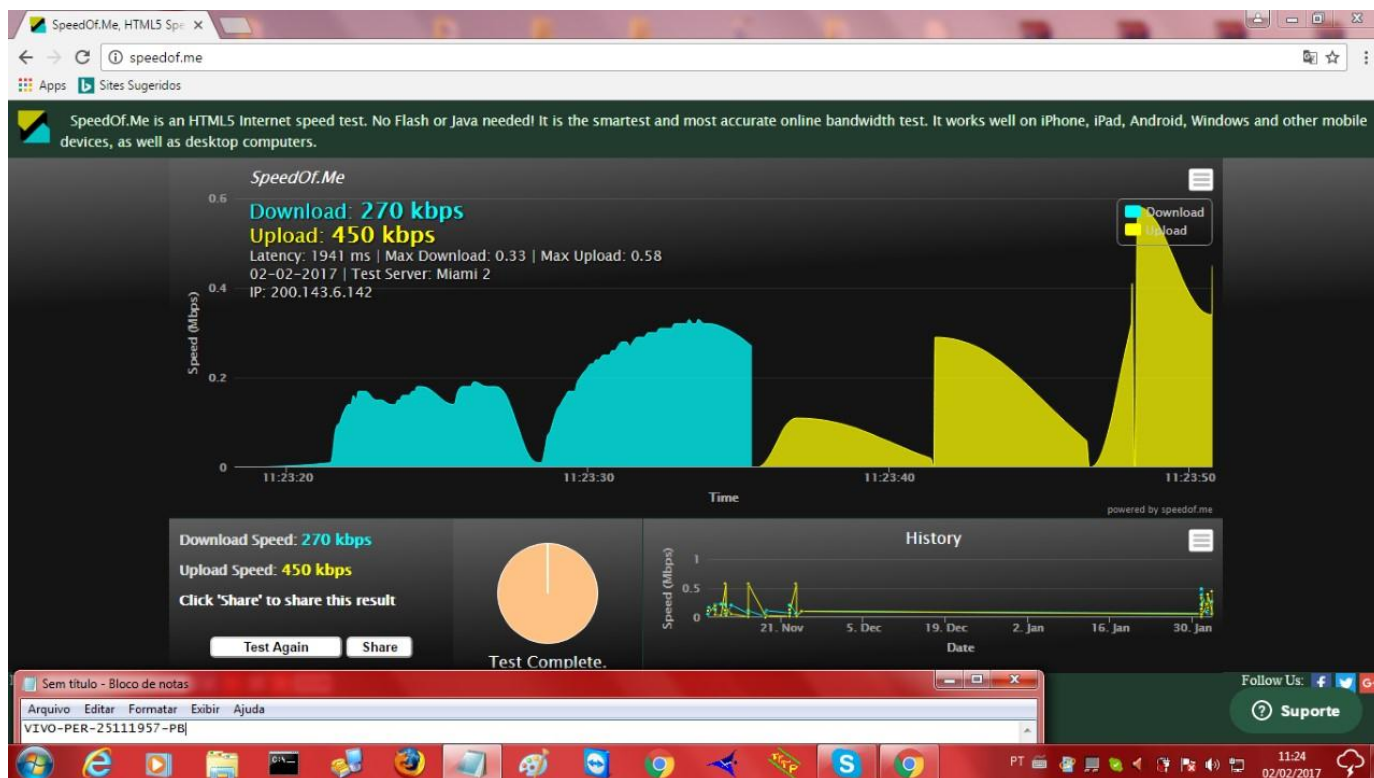
NOC/Operador: Allan Santos   **Cliente: VIVO**

Empresa EMC Brasil	VSAT-ID VIVO-PER-25111957-PB	Link kbps 256k/128k	Plataforma VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
BUPC status         : Disabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
-------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -20.2 dBm
Es/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -154 us (262487 us)
Frequency correction: 40 Hz
#
# dvb rx show
```

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max Signalling MODCOD : 23   16APSK-9/10
Max Traffic MODCOD    : 28   32APSK-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,  T14R Beam
Frequency             : 12.055917 GHz
Symbol Rate           : 9.319956 Msps
S2 ModCod
      - receiving     : 15   8PSK-5/6
      - 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                   : 14.9 dB
Input Power           : -35 dBm
#



IP DVB 172.18.131.233/32


Ping desde dentro da VSAT 8.8.8.8

# ping 8.8.8.8 -if 1 -t
64 bytes from 8.8.8.8: time=940 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=940 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=850 ms
64 bytes from 8.8.8.8: time=770 ms
64 bytes from 8.8.8.8: time=680 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=640 ms
```