	# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
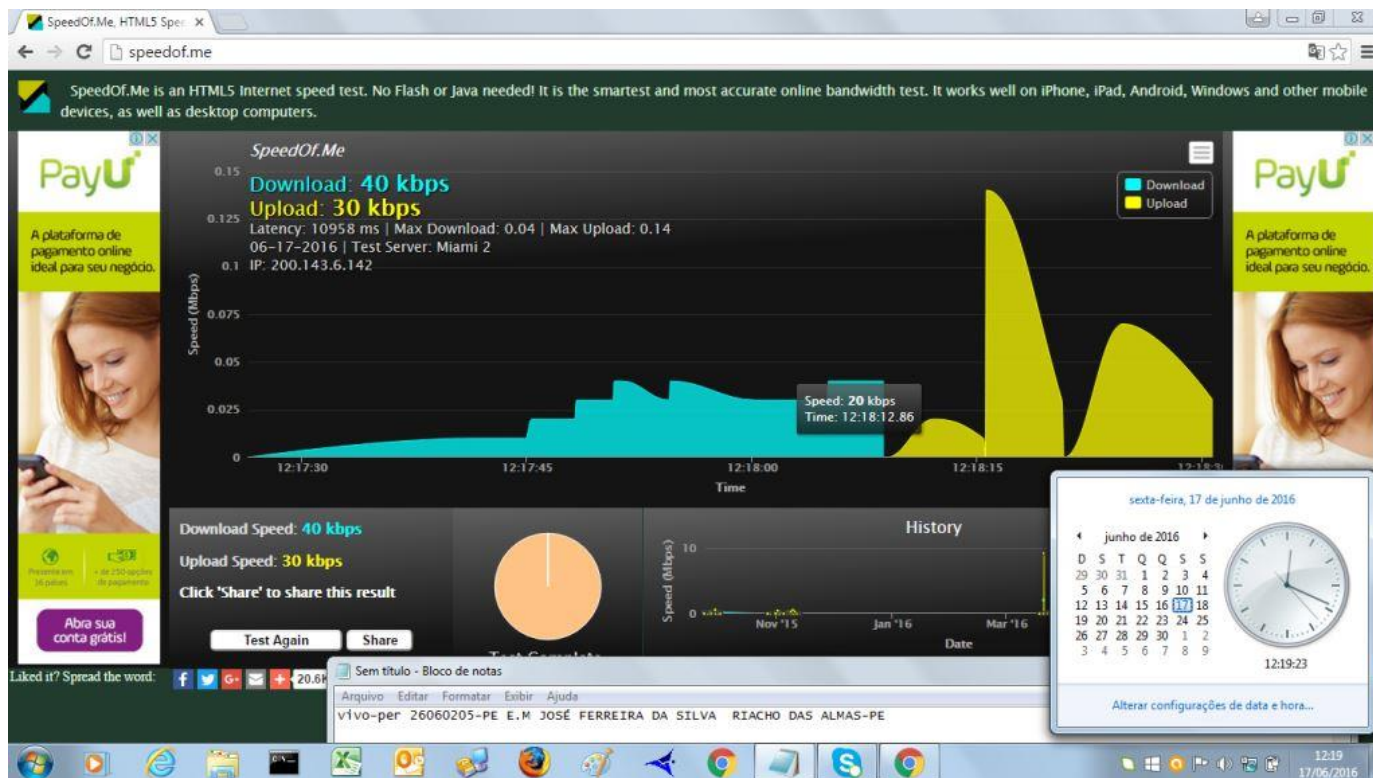
NOC/Operador: Renan Borges Sousa	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-26060205-PE	256k/128k	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: 14.125500 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -20.0 dBm
Es/No               : 12.5 dB
Header Compression  : Disabled
Timing correction   : -216 us (262277 us)
Frequency correction: 150 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            : 12.055856 GHz
Symbol Rate          : 9.319956 Msps
S2 ModCod
     - receiving  : 14   8PSK-3/4
     - 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                  : 12.8 dB
Input Power          : -35 dBm



IP DVB 172.18.131.34/32
```

Ping desde o MGMT- Server ao IP de trafego e para o DVB.

```
C:\Documents and Settings\Administrator.DVB-RCS>ping 172.18.131.34

Pinging 172.18.131.34 with 32 bytes of data:

Reply from 172.18.131.34: bytes=32 time=1938ms TTL=62
Reply from 172.18.131.34: bytes=32 time=614ms TTL=62
Reply from 172.18.131.34: bytes=32 time=573ms TTL=62
Reply from 172.18.131.34: bytes=32 time=640ms TTL=62

Ping statistics for 172.18.131.34:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 573ms, Maximum = 1938ms, Average = 941ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 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 = 620/690/720 ms
```