TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

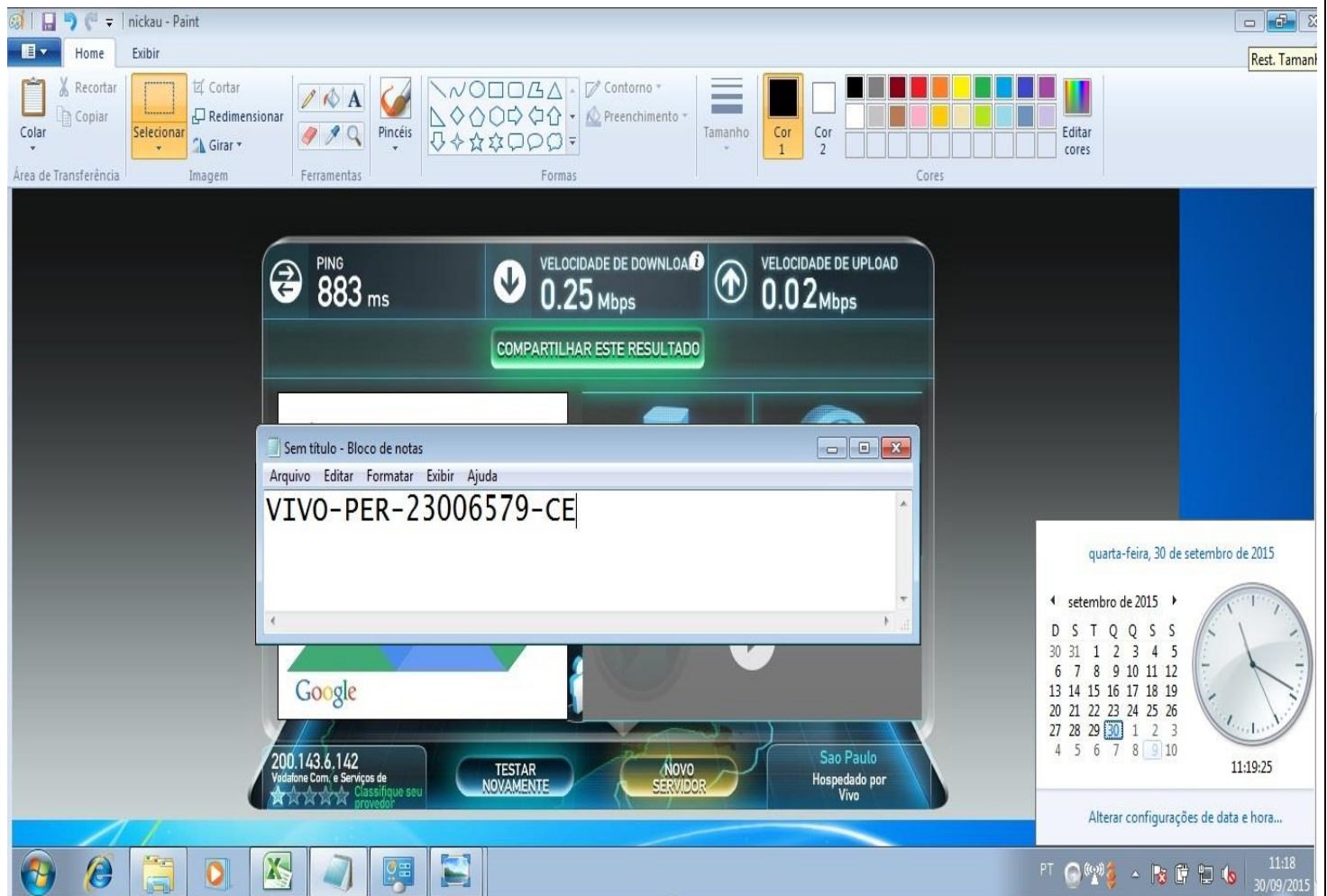| **NOC/Operador: Alexandre Cruz**	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-23006579-CE	256/128	VSAT


```
# 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            : 12.055625 GHz
Symbol Rate          : 9.319934 Msps
S2 ModCod
      - receiving    : 1   QPSK-1/4
      - current max  : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 16.1 dB
Input Power          : -25 dBm
# 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     : 34.2 dBm
EIRP                 : 47.5 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
----------------------------------
State                : On (TDMA)
IDU Output Power     : -19.2 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Eb/No                : 15.0 dB
Header Compression   : Disabled
Timing correction    : -251 us (260490 us)
Frequency correction: -100 Hz
#

IP DVB 10.53.0.249/32




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=2740 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=940 ms
64 bytes from 8.8.8.8: time=910 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 910/1280/2740 ms
#
```