

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá

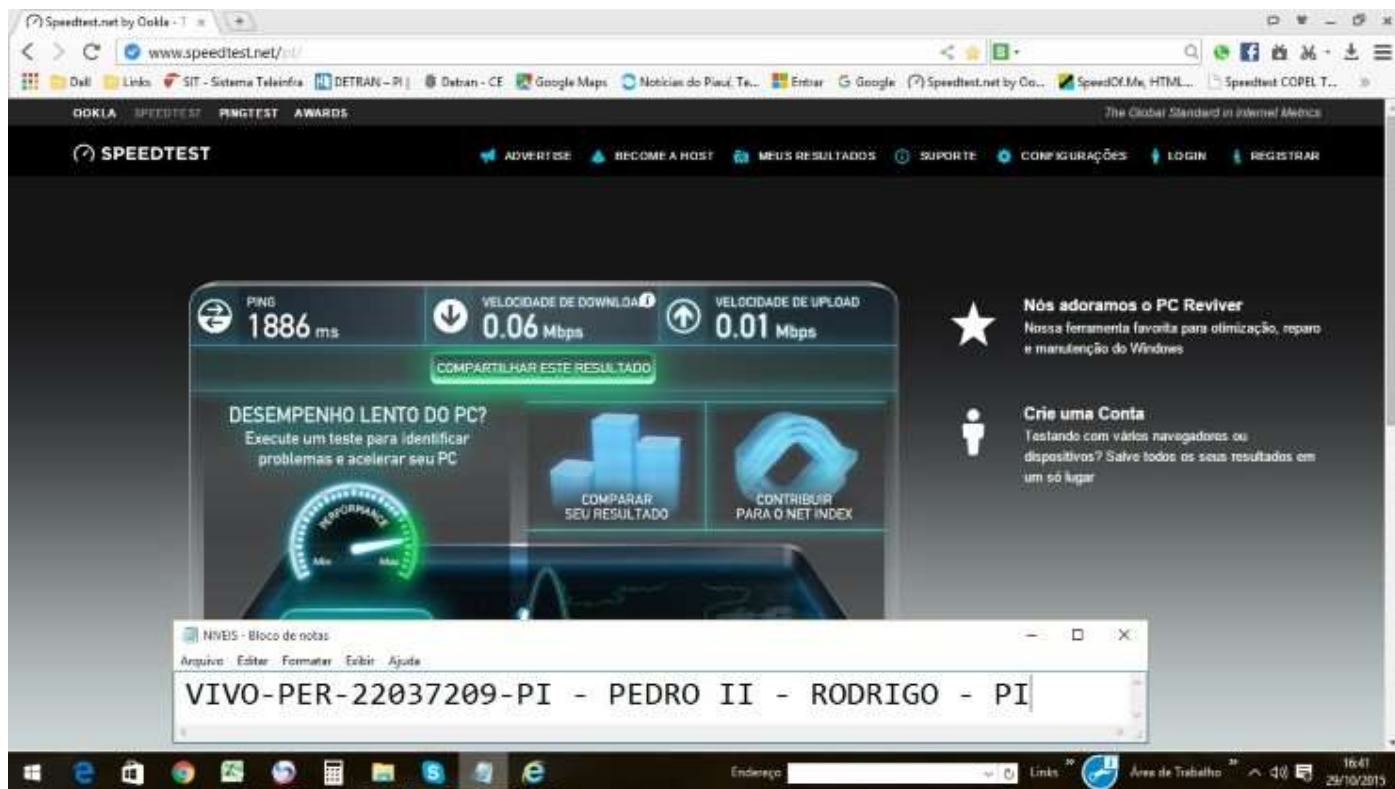
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-22037209-PI

Link kbps
256/128

Plataforma
VSAT



Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power     : -15 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
State                : On (TDMA)
IDU Output Power     : -23.1 dBm
ODU Output Power     : 35.6 dBm
EIRP                 : 48.9 dBW
Eb/No                : 11.5 dB
Header Compression   : Disabled
Timing correction     : -312 us (260014 us)
Frequency correction : -130 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[Mbps]	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 : 12.055352 GHz
Symbol Rate : 9.319843 Mbps
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 : 14.3 dB
Input Power : -24 dBm
dvb tx eirp 48
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 : 34.7 dBm
EIRP : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (TDMA)
IDU Output Power : -23.1 dBm
ODU Output Power : 35.5 dBm
EIRP : 48.8 dBW
Eb/No : 13.0 dB
Header Compression : Disabled
Timing correction : -313 us (260014 us)
Frequency correction: -130 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[Mbps]	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        : 12.055353 GHz
Symbol Rate     : 9.319838 Msps
S2 ModCod
  - receiving    : 16    8PSK-8/9
  - current max  : 23    16APSK-9/10
Pilot            : On
Frame length     : Short
DVB S2 Mode      : ACM
Roll off         : 0.25
SNR              : 14.3 dB
Input Power      : -24 dBm
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=680 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=740 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 630/670/740 ms
#
```