

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Alexandre Cruz

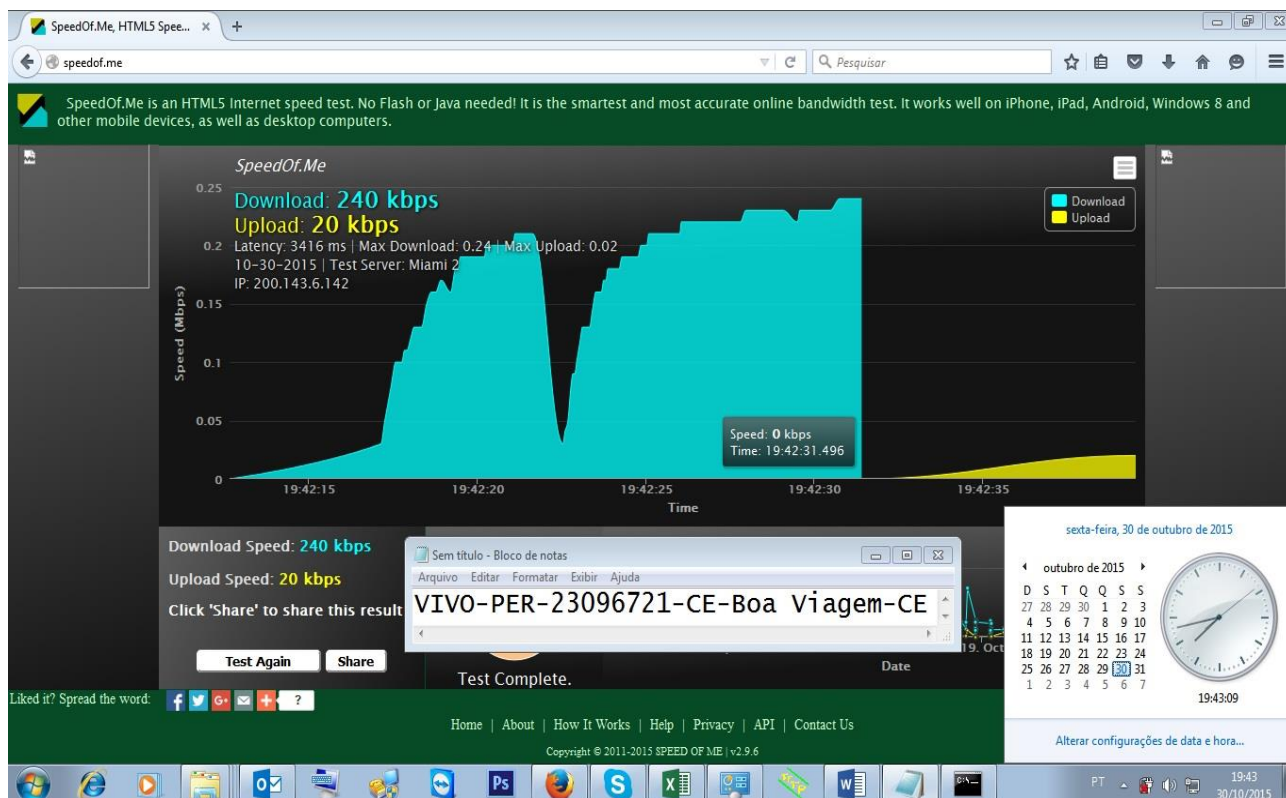
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23096721-CE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb tx show

## 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     : -26.5 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 47.0 dBW
Es/No                : 15.0 dB
Header Compression   : Disabled
Timing correction     : -114 us (262473 us)
Frequency correction : -310 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 : 12.055923 GHz  
Symbol Rate : 9.319996 Mbps  
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 : 13.8 dB  
Input Power : -23 dBm  
#

IP DVB

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=1320 ms  
64 bytes from 8.8.8.8: time=890 ms  
64 bytes from 8.8.8.8: time=740 ms  
64 bytes from 8.8.8.8: time=740 ms  
64 bytes from 8.8.8.8: time=730 ms