

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Renan Borges Sousa

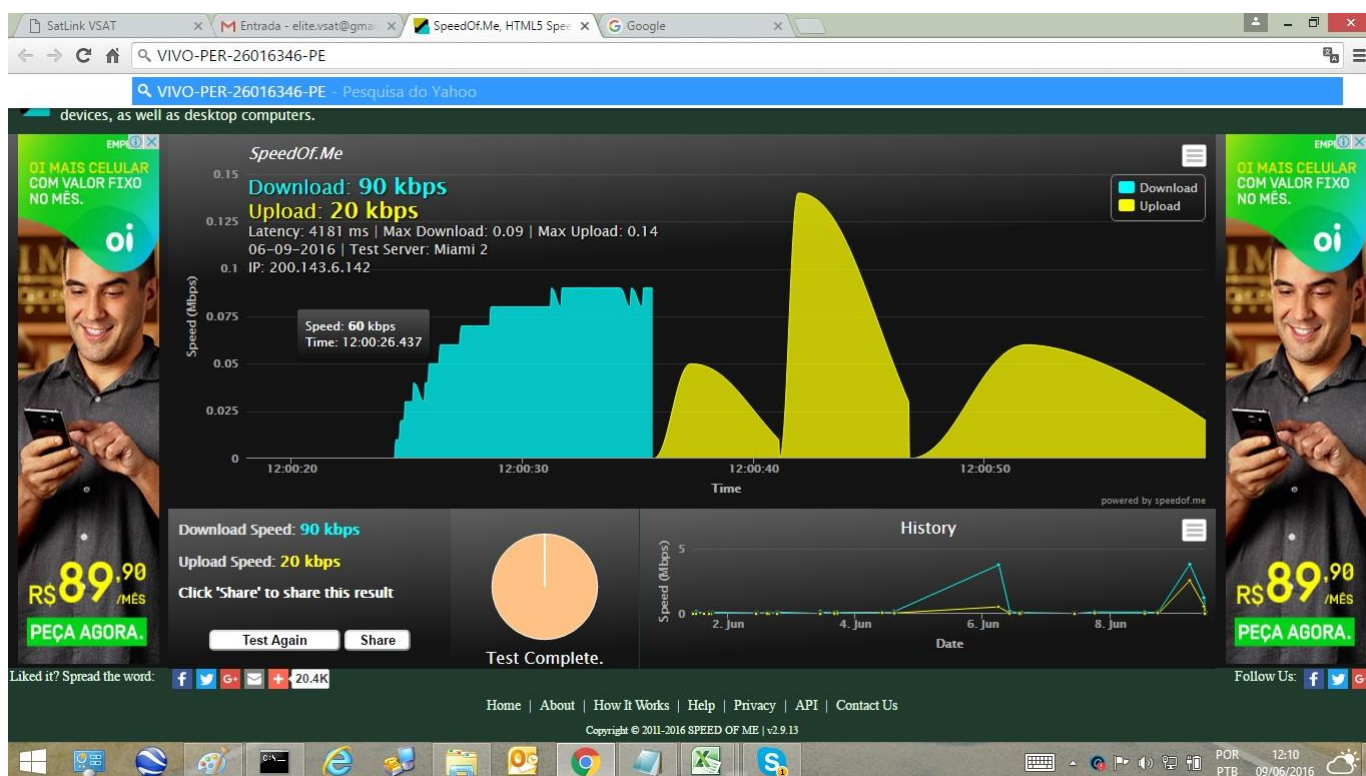
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26016346-PE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# dvb tx show
```

```
#
```

```
#
```

```
Satellite (DVB) TX Configuration
```

```
-----
Auto start           : Enabled
IDU Output Power     : -25 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     : -25.0 dBm
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -195 us (261574 us)
Frequency correction : 70 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[Msp	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 : 12.056003 GHz  
Symbol Rate : 9.320487 Msp  
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 : 13.7 dB  
Input Power : -35 dBm  
#

IP DVB 172.18.128.160 /32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 172.18.128.160

Pinging 172.18.128.160 with 32 bytes of data:

Reply from 172.18.128.160: bytes=32 time=632ms TTL=62  
Reply from 172.18.128.160: bytes=32 time=555ms TTL=62  
Reply from 172.18.128.160: bytes=32 time=1915ms TTL=62  
Reply from 172.18.128.160: bytes=32 time=580ms TTL=62

Ping statistics for 172.18.128.160:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 555ms, Maximum = 1915ms, Average = 921ms

#### Ping desde dentro da VSAT 8.8.8.8

# 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=700 ms  
64 bytes from 8.8.8.8: time=770 ms  
64 bytes from 8.8.8.8: time=710 ms

--- ping statistics ---  
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 680/710/770 ms