TERMO DE ACEITE TÉCNICO

EMC EMERGING MARKETS COMMUNICATIONS

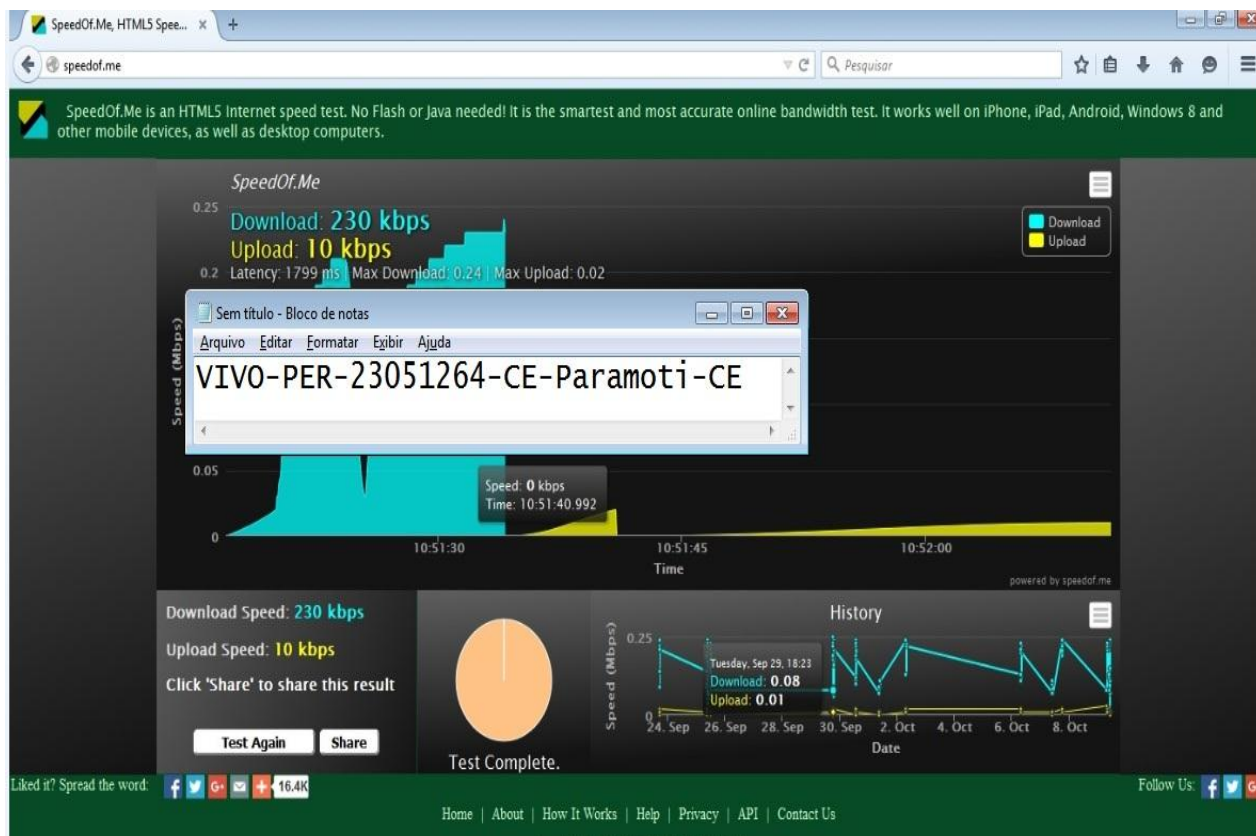**Solicitante:** VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos	Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23051264-CE	256k/128k	VSAT


```
# 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    : 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    : -22.6 dBm
ODU Output Power    : 33.5 dBm
EIRP                : 46.8 dBW
Eb/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -260 us (260639 us)
Frequency correction: -170 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[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           : 12.055600 GHz
Symbol Rate         : 9.320062 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                 : 14.4 dB
Input Power         : -23 dBm
#


IP DVB 10.53.0.48/32


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=520 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=700 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 520/580/700 ms
#
```