TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

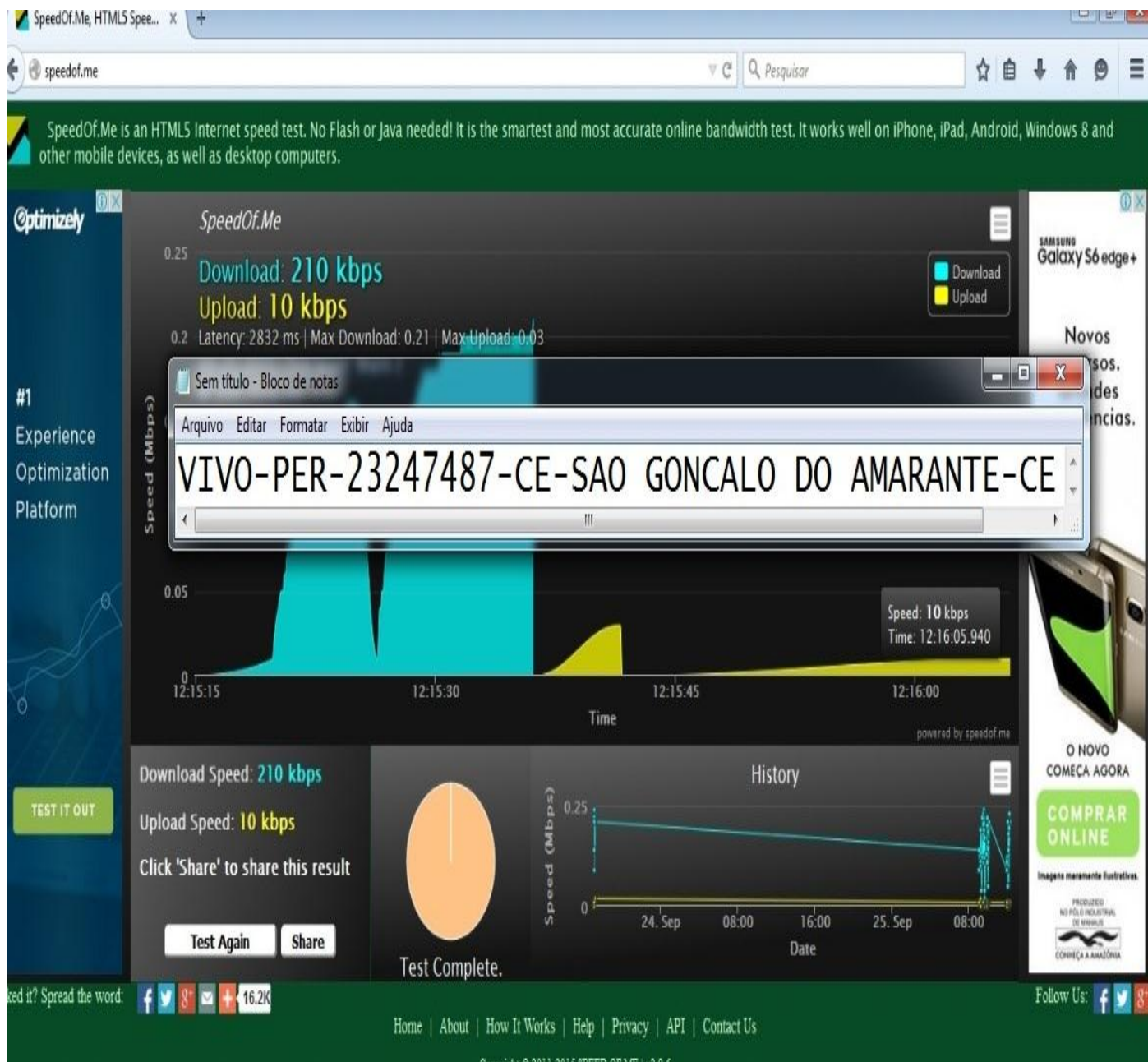| **NOC/Operador:** Allan Santos	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-23247487-CE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start         : Enabled
IDU Output Power   : -24 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : 34.7 dBm
```

```
EIRP               : 48.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode           : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
State              : On (TDMA)
IDU Output Power   : -22.9 dBm
ODU Output Power   : 34.6 dBm
EIRP               : 47.9 dBW
Es/No              : 14.5 dB
Header Compression  : Disabled
Timing correction  : -68 us (260643 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 102        Yes
  1  1    9.320000        12.055825  DVB-S2 4          No


Satellite (DVB) Receiver Status
----------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 1326,  GlobalIP@Telstar-14R
Frequency          : 12.055793 GHz
Symbol Rate        : 9.320016 Msps
S2 ModCod
      - receiving  : 15   8PSK-5/6
      - current max : 23   16APSK-9/10
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.20
SNR                : 13.5 dB
Input Power        : -25 dBm
#


IP DVB 10.50.1.30/32

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=600 ms
64 bytes from 8.8.8.8: time=980 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=550 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 540/640/980 ms
#
```