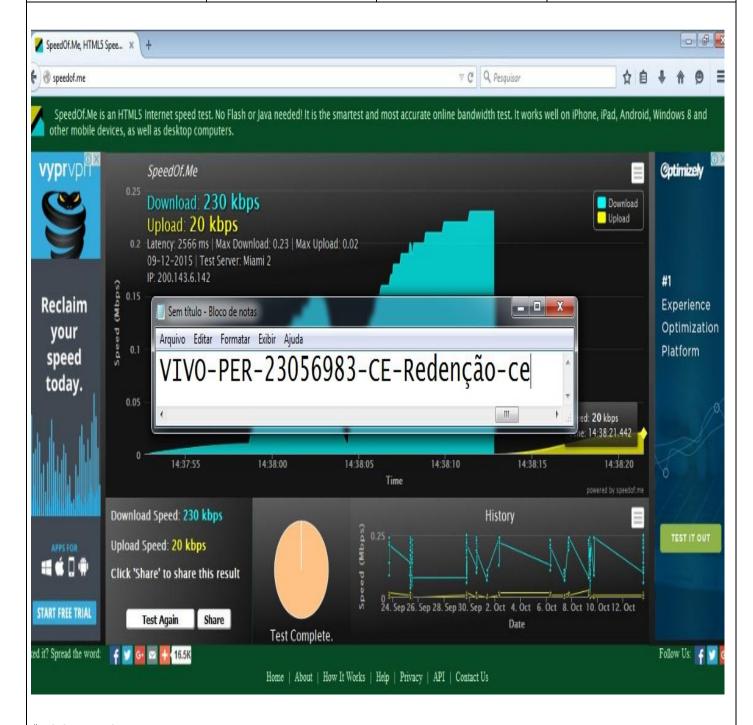# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23056983-CE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------

Auto start        : Enabled
```

```
IDU Output Power    : -13 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    : -14.3 dBm
ODU Output Power    : 35.6 dBm
EIRP                : 48.9 dBW
Es/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -245 us (260905 us)
Frequency correction: 160 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           : 12.055798 GHz
Symbol Rate         : 9.319789 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            : 0.20
SNR                 : 14.3 dB
Input Power         : -18 dBm
#



IP DVB 10.50.1.33/32



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=500 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=530 ms
```

```
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 500/560/690 ms
#
```