TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
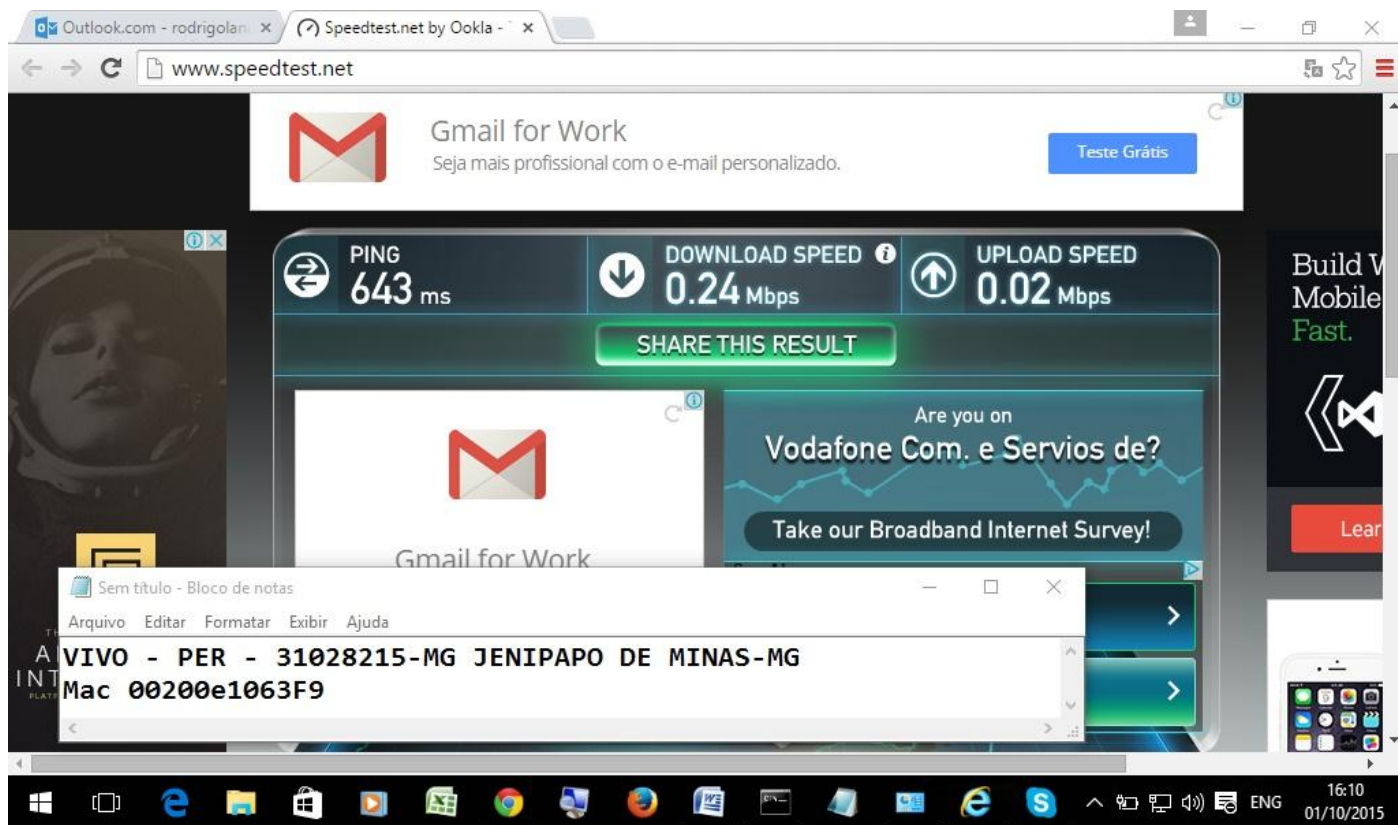
NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31028215-MG	256/128	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start         : Disabled
IDU Output Power   : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : 34.7 dBm
EIRP               : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode           : VC-Mux
Header Compression :  None


Satellite (DVB) Transmitter Status
--------------------------------
State              : On (TDMA)
IDU Output Power   : -19.8 dBm
ODU Output Power   : 34.5 dBm
EIRP               : 47.8 dBW
Eb/No              : 15.0 dB
Header Compression : Disabled
Timing correction  : -266 us (261653 us)
Frequency correction: -180 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           : 12.055821 GHz
Symbol Rate         : 9.319761 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         : -30 dBm
#


IP DVB 10.53.1.17/32



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=850 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=880 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 540/690/880 ms
#
```