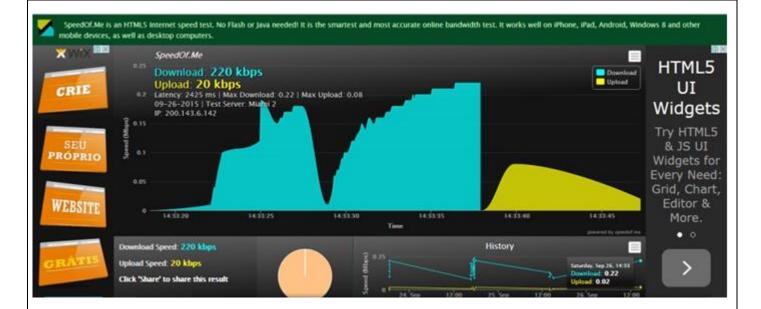


TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

Cliente: VIVO NOC/Operador: Paulo Tarso **Empresa** VSAT-ID Link kbps Plataforma EMC Brasil 256/128 **VSAT**



Satellite (DVB) RX Configuration

Auto start

: Enabled : 23 16APSK-9/10 (SNR threshold: 23.5 dB) Max MODCOD

VIVO-PER-31156795-MG

: 15 minute RX watchdog

Idx Pri SymbRate[Msps] Freq[GHz] Mode PopId Sat[Id/Pos] Enable * 0 0 9.320000 12.055825 DVB-S2 4 0/ 0.0 E Yes

Satellite (DVB) Receiver Status ______

Rx State : On

DVB State : Forward link up

Network : 1326, GlobalIP@Telstar-14R

: 12.055735 GHz Frequency Symbol Rate : 9.320103 Msps

S2 ModCod

- receiving : 1 QPSK-1/4 - current max : 16 8PSK-8/9

: On Frame length : Short DVB S2 Mode : ACM Roll off : 0.25 : 13.3 dB SNR Input Power : -25 dBm

Satellite (DVB) TX Configuration

```
Auto start
                     : Enabled
IDU Output Power : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.7 dBm
                     : 47.0 dBW
EIRP
Default CW Frequency: 0.000000 GHz
ATM mode : VC-Mux
Header Compression : None
Satellite (DVB) Transmitter Status
_____
: On (DVB-I
IDU Output Power : -24.3 dBm
ODU Output Power : 33.8 dBm
EIRP : 47.1 dBW
Eb/No : 13.0 dB
                     : On (DVB-RCS)
Header Compression : Disabled
Timing correction : -102 us (262058 us)
Frequency correction: -310 Hz
Disparando 10.53.0.247 com 32 bytes de dados:
Resposta de 10.53.0.247: bytes=32 tempo=1917ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=1127ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=695ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=609ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=703ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=613ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=877ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=782ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=683ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=591ms TTL=61
Resposta de 10.53.0.247: bytes=32 tempo=688ms TTL=61
Estatísticas do Ping para 10.53.0.247:
    Pacotes: Enviados = 11, Recebidos = 11, Perdidos = 0 (0% de
             perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 591ms, Máximo = 1917ms, Média = 844ms
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=1960 ms
64 bytes from 8.8.8.8: time=860 ms
64 bytes from 8.8.8.8: time=940 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=1170 ms
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
```

rtt min/avg/max = 860/1170/1960 ms