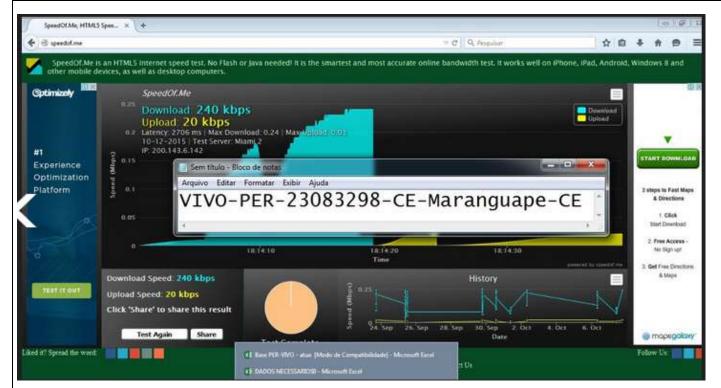


TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá Cliente: VIVO

EmpresaVSAT-IDLink kbpsPlataformaEMC BrasilVIVO-PER-23083298-CE256k/128kVSAT



Satellite (DVB) TX Configuration

Auto start : Enabled IDU Output Power : -12 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 : -14.1 dBm

ODU Output Power : 35.3 dBm

EIRP : 48.6 dBW

Es/No : 14.5 dB

Header Compression : Disabled

Timing correction : -175 us (260877 us)

Frequency correction: 240 Hz

```
Satellite (DVB) RX Configuration
______
              : Enabled
: 23 16APSK-9/10 (SNR threshold: 23.5 dB)
Auto start
Max MODCOD
                 : 15 minute
RX watchdog
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
: Forward link up
: 1326, GlobalIP@Telstar-14R
: 12.055906 GHz
: 9.319949 Msps
                   : On
DVB State
Network
Frequency
Symbol Rate
S2 ModCod
     - receiving : 1 QPSK-1/4 - current max : 23 16APSK-9/10
                   : On
Pilot
Frame length
                   : Short
DVB S2 Mode
                   : ACM
                   : 0.20
Roll off
                   : 14.5 dB
SNR
Input Power : -25 dBm
IP DVB 10.50.1.35/32
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=720 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=560 ms
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
```

rtt min/avg/max = 550/640/740 ms