EMC EMERGING MARKETS COMMUNICATIONS	**TERMO DE ACEITE TÉCNICO**

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Paulo Tarso	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-31156795-MG	**Link kbps** 256/128	**Plataforma** VSAT


```
Satellite (DVB) RX Configuration
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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     Sat[Id/Pos]  Enable
* 0  0      9.320000      12.055825  DVB-S2  4           0/  0.0 E    Yes

Satellite (DVB) Receiver Status
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Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-14R
Frequency           : 12.055735 GHz
Symbol Rate         : 9.320103 Msps
S2 ModCod
     - receiving    : 1   QPSK-1/4
     - current max  : 16   8PSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.3 dB
Input Power         : -25 dBm




Satellite (DVB) TX Configuration
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Auto start            : Enabled
IDU Output Power      : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 33.7 dBm
EIRP                  : 47.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode              : VC-Mux
Header Compression    :  None


Satellite (DVB) Transmitter Status
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State                 : On  (DVB-RCS)
IDU Output Power      : -24.3 dBm
ODU Output Power      : 33.8 dBm
EIRP                  : 47.1 dBW
Eb/No                 : 13.0 dB
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
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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