EMC — EMERGING MARKETS COMMUNICATIONS	# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Rogerio Momi Frias	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-31086711-MG	**Link kbps** 256/128	**Plataforma** VSAT

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
  1 1   0.000000   0.000000 DVB-S2 2   No

Satellite (DVB) Receiver Status

Rx State   : On
DVB State   : Forward link up
Network   : 1326, GlobalIP@Telstar-14R
Frequency   : 12.055635 GHz
Symbol Rate   : 9.319974 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   : 15.1 dB
Input Power   : -25 dBm

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Satellite (DVB) TX Configuration
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Auto start          : Enabled
IDU Output Power    : -30 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 (TDMA)
IDU Output Power    : -21.3 dBm
ODU Output Power    : 34.3 dBm
EIRP                : 47.6 dBW
Eb/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : 10 us (260937 us)
Frequency correction: -400 Hz


Pinging 10.53.0.229 with 32 bytes of data:

Reply from 10.53.0.229: bytes=32 time=1941ms TTL=61
Reply from 10.53.0.229: bytes=32 time=1298ms TTL=61
Reply from 10.53.0.229: bytes=32 time=914ms TTL=61
Reply from 10.53.0.229: bytes=32 time=835ms TTL=61

Ping statistics for 10.53.0.229:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 835ms, Maximum = 1941ms, Average = 1247ms


Pinging 10.29.4.201 with 32 bytes of data:

Reply from 10.29.4.201: bytes=32 time=1901ms TTL=61
Reply from 10.29.4.201: bytes=32 time=737ms TTL=61
Reply from 10.29.4.201: bytes=32 time=662ms TTL=61
Reply from 10.29.4.201: bytes=32 time=587ms TTL=61

Ping statistics for 10.29.4.201:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 587ms, Maximum = 1901ms, Average = 971ms


ping 8.8.8.8
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=1470 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=900 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 = 560/880/1470 ms
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