

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogerio Momi Frias

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31094161-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[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055285	DVB-S2 4		Yes
1	1	0.000000	0.000000	DVB-S2 2		Yes

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 1326, GlobalIP@Telstar-14R  
Frequency : 12.055700 GHz  
Symbol Rate : 9.319837 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 : 14.9 dB  
Input Power : -25 dBm

#### 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 : 34.7 dBm  
EIRP : 48.0 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 : -21.0 dBm  
ODU Output Power : 34.5 dBm  
EIRP : 47.8 dBW  
Eb/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : -248 us (260914 us)  
Frequency correction: -170 Hz

Pinging 10.53.0.228 with 32 bytes of data:

Reply from 10.53.0.228: bytes=32 time=558ms TTL=61  
Reply from 10.53.0.228: bytes=32 time=663ms TTL=61  
Reply from 10.53.0.228: bytes=32 time=585ms TTL=61  
Reply from 10.53.0.228: bytes=32 time=597ms TTL=61

Ping statistics for 10.53.0.228:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 558ms, Maximum = 663ms, Average = 600ms

Pinging 10.29.4.193 with 32 bytes of data:

Reply from 10.29.4.193: bytes=32 time=1449ms TTL=61  
Reply from 10.29.4.193: bytes=32 time=920ms TTL=61  
Reply from 10.29.4.193: bytes=32 time=839ms TTL=61  
Reply from 10.29.4.193: bytes=32 time=1682ms TTL=61

Ping statistics for 10.29.4.193:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 839ms, Maximum = 1682ms, Average = 1222ms

ping 8.8.8.8

64 bytes from 8.8.8.8: time=1660 ms  
64 bytes from 8.8.8.8: time=870 ms  
64 bytes from 8.8.8.8: time=920 ms  
64 bytes from 8.8.8.8: time=1300 ms  
64 bytes from 8.8.8.8: time=930 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 870/1130/1660 ms