TERMO DE ACEITE TÉCNICO

EMC EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-35222744-MG	256/128	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

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-14R
Frequency           : 12.055773 GHz
Symbol Rate         : 9.319979 Msps
S2 ModCod
      - receiving   : 15   8PSK-5/6
      - current max : 23   16APSK-9/10
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.6 dB
Input Power         : -32 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
----------------------------------
State                : On (TDMA)
IDU Output Power     : -18.0 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 48.3 dBW
Es/No                : 13.7 dB
Header Compression   : Disabled
Timing correction    : -184 us (260943 us)
Frequency correction: -240 Hz


IP DVB 10.53.0.125/32

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.29.1.137

Pinging 10.29.1.137 with 32 bytes of data:

Reply from 10.29.1.137: bytes=32 time=1906ms TTL=61
Reply from 10.29.1.137: bytes=32 time=1294ms TTL=61
Reply from 10.29.1.137: bytes=32 time=741ms TTL=61
Reply from 10.29.1.137: bytes=32 time=658ms TTL=61

Ping statistics for 10.29.1.137:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 658ms, Maximum = 1906ms, Average = 1149ms

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.53.0.125

Pinging 10.53.0.125 with 32 bytes of data:

Reply from 10.53.0.125: bytes=32 time=1930ms TTL=61
Reply from 10.53.0.125: bytes=32 time=922ms TTL=61
Reply from 10.53.0.125: bytes=32 time=659ms TTL=61
Reply from 10.53.0.125: bytes=32 time=585ms TTL=61

Ping statistics for 10.53.0.125:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 585ms, Maximum = 1930ms, Average = 1024ms

#ping 8.8.8.8
# 64 bytes from 8.8.8.8: time=1010 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=1670 ms
64 bytes from 8.8.8.8: time=750 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 750/1040/1670 ms
#
```