

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31266761-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	12.055825	DVB-S2	4	Yes

Satellite (DVB) Receiver Status

```
Rx State             : On
DVB State            : Forward link up
Network              : 1326, GlobalIP@Telstar-14R
Frequency            : 12.055828 GHz
Symbol Rate          : 9.320067 Mbps
S2 ModCod
  - receiving         : 9   QPSK-5/6
  - current max       : 23   16APSK-9/10
Pilot                 : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off              : 0.25
SNR                   : 14.5 dB
Input Power          : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -15 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 14.169700 GHz
ATM mode             : VC-Mux
Header Compression   : None

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -14.9 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -320 us (262724 us)
Frequency correction : -120 Hz

IP DVB 10.53.0.81/32

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.29.0.161

Pinging 10.29.0.161 with 32 bytes of data:

Reply from 10.29.0.161: bytes=32 time=518ms TTL=61
Reply from 10.29.0.161: bytes=32 time=1358ms TTL=61
Reply from 10.29.0.161: bytes=32 time=922ms TTL=61
Reply from 10.29.0.161: bytes=32 time=843ms TTL=61

Ping statistics for 10.29.0.161:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 518ms, Maximum = 1358ms, Average = 910ms

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.53.0.81

Pinging 10.53.0.81 with 32 bytes of data:

Reply from 10.53.0.81: bytes=32 time=1039ms TTL=61
Reply from 10.53.0.81: bytes=32 time=1289ms TTL=61
Reply from 10.53.0.81: bytes=32 time=1106ms TTL=61
Reply from 10.53.0.81: bytes=32 time=740ms TTL=61

Ping statistics for 10.53.0.81:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 740ms, Maximum = 1289ms, Average = 1043ms

# 64 bytes from 8.8.8.8: time=1000 ms
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=920 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 900/940/1000 ms
```