

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23096730-CE

Link kbps
256/128

Plataforma
VSAT



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 : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
  
```

Satellite (DVB) Transmitter Status

```

State                : On (TDMA)
IDU Output Power     : -10.6 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -261 us (260618 us)
Frequency correction : 320 Hz
# dvb rx show
  
```

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[Msp/s]	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 : 12.055667 GHz
Symbol Rate : 9.319943 Msp/s
S2 ModCod
- receiving : 15 8PSK-5/6
- current max : 23 16APSK-9/10
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 14.0 dB
Input Power : -31 dBm

#

IP DVB 10.50.1.15 /32

ping 8.8.8.8
64 bytes from 8.8.8.8: time=1990 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=920 ms
#

Satellite (DVB) TX Configuration

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

State : On (TDMA)
IDU Output Power : -19.4 dBm
ODU Output Power : 34.5 dBm
EIRP : 47.8 dBW
Es/No : 13.0 dB
Header Compression : Disabled
Timing correction : -278 us (260849 us)
Frequency correction: -170 Hz
#

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 : 12.055699 GHz
Symbol Rate : 9.319871 Msps
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 13.2 dB
Input Power : -23 dBm
dvb rx show

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 : 12.055700 GHz
Symbol Rate : 9.319864 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 : 0.20
SNR : 13.5 dB
Input Power : -23 dBm
#

ping 8.8.8.8

64 bytes from 8.8.8.8: time=2400 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=920 ms
64 bytes from 8.8.8.8: time=1080 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 910/1240/2400 ms
#



