TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Hernan Martins

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31162370-MG	256/128	VSAT


```
Satellite (DVB) RX Configuration
--------------------------------
Auto start           : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz] Mode    PopId   SatId   Pos    SatName         Name
Enable
* 0   0      9.320000      12.055825 DVB-S2 102        0    0.0 E
Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  GlobalIP@Telstar-14R
Frequency            : 12.056111 GHz
Symbol Rate          : 9.320097 Msps
S2 ModCod
     - receiving  : 15   8PSK-5/6
     - current max : 16   8PSK-8/9
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
```

```
Roll off              : 0.20
SNR                   : 12.8 dB
Input Power           : -27 dBm




Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -20 dBM
IDU Max Output Power: 0.0 dBM
ODU Output Power      : 33.2 dBm
EIRP                  : 46.5 dBW
Default CW Frequency: 0.000000 GHz
ATM mode              : VC-Mux
Header Compression  :  None



Satellite (DVB) Transmitter Status
-------------------------------
State                 : On  (DVB-RCS)
IDU Output Power      : -21.3 dBm
ODU Output Power      : 33.4 dBm
EIRP                  : 46.7 dBW
Es/No                 : 12.5 dB
Header Compression  : Disabled
Timing correction   : -276 us (261143 us)
Frequency correction: 20 Hz




ping 10.29.22.225 -t

Pinging 10.29.22.225 with 32 bytes of data:
Reply from 10.29.22.225: bytes=32 time=1202ms TTL=62
Reply from 10.29.22.225: bytes=32 time=726ms TTL=62
Reply from 10.29.22.225: bytes=32 time=1187ms TTL=62
Reply from 10.29.22.225: bytes=32 time=556ms TTL=62
Reply from 10.29.22.225: bytes=32 time=830ms TTL=62
Reply from 10.29.22.225: bytes=32 time=559ms TTL=62
Reply from 10.29.22.225: bytes=32 time=669ms TTL=62
Reply from 10.29.22.225: bytes=32 time=571ms TTL=62
Reply from 10.29.22.225: bytes=32 time=663ms TTL=62
Reply from 10.29.22.225: bytes=32 time=572ms TTL=62

Ping statistics for 10.29.22.225:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 556ms, Maximum = 1202ms, Average = 753ms




# ping 8.8.8.8
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=890 ms
64 bytes from 8.8.8.8: time=1010 ms
64 bytes from 8.8.8.8: time=1390 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 580/910/1390 ms
```