TERMO DE ACEITE TÉCNICO

EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31094234-MG	256/128	VSAT


```
# dvb tx show

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      : 34.6 dBm
EIRP                  : 47.9 dBW
Eb/No                 : 14.5 dB
Header Compression  : Disabled
Timing correction    : -134 us (260842 us)
```

```
Frequency correction: -260 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[Msps] Freq[GHz]  Mode    PopId   Enable
* 0   0      9.320000     12.055285  DVB-S2  4        Yes
  1   1      0.000000      0.000000  DVB-S2  2        No

Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  GlobalIP@Telstar-14R
Frequency            : 12.055568 GHz
Symbol Rate          : 9.319885 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                  : 14.7 dB
Input Power          : -24 dBm
#


IP DVB 10.53.0.152/32


Ping desde o MGMT- Server ao IP de trafego e para o DVB.


Ping desde dentro da VSAT 8.8.8.8

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=920 ms
64 bytes from 8.8.8.8: time=720 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 650/780/920 ms
#
```