TERMO DE ACEITE TÉCNICO

EMC EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23050098-CE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -25 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.7 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None
```

```
Satellite (DVB) Transmitter Status
---------------------------------
State              : On (TDMA)
IDU Output Power   : -23.9 dBm
ODU Output Power   : 33.6 dBm
EIRP               : 46.9 dBW
Es/No              : 16.0 dB
Header Compression : Disabled
Timing correction  : -268 us (260635 us)
Frequency correction: 140 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      12.055825  DVB-S2 102        Yes
  1  1     9.320000      12.055825  DVB-S2 4          No

Satellite (DVB) Receiver Status
---------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 1326,  GlobalIP@Telstar-14R
Frequency          : 12.055709 GHz
Symbol Rate        : 9.319842 Msps
S2 ModCod
       - receiving    : 1   QPSK-1/4
       - current max  : 23   16APSK-9/10
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.20
SNR                : 14.3 dB
Input Power        : -26 dBm
#


IP DVB 10.50.1.26/32


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=740 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=680 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 540/650/740 ms
#
```