TERMO DE ACEITE TÉCNICO

EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa EMC Brasil	VSAT-ID VIVO-PER-26021013-PE	Link kbps 256k/128k	Plataforma VSAT

```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -19 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.0 dBm
EIRP                : 48.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -18.5 dBm
ODU Output Power    : 34.6 dBm
EIRP                : 47.6 dBW
Es/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -199 us (262041 us)
Frequency correction: -30 Hz
#
# dvb rx show

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           : 12.056058 GHz
Symbol Rate         : 9.319974 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                  : 14.0 dB
Input Power          : -23 dBm
#


IP DVB 172.18.131.6/32


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=650 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=940 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 650/770/940 ms
#
```