EMC EMERGING MARKETS COMMUNICATIONS	**TERMO DE ACEITE TÉCNICO**

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-23163895-CE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.1 dBm
EIRP                : 46.0 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    : -20.0 dBm
ODU Output Power    : 35.2 dBm
EIRP                : 46.1 dBW
Es/No               : 10.0 dB
Header Compression  : Disabled
Timing correction   : -220 us (260891 us)
Frequency correction: 10 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           : 12.056394 GHz
Symbol Rate         : 9.320062 Msps
S2 ModCod
      - receiving   : 13   8PSK-2/3
      - 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                 : 13.2 dB
Input Power         : -23 dBm
#



IP DVB 172.18.129.59/32



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=600 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=700 ms


---  ping statistics ---
5 packets transmitted, 5 received,   0.00 percent packet loss
```

```
rtt min/avg/max = 600/690/730 ms
#
```