EMC EMERGING MARKETS COMMUNICATIONS	# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha   **Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-28000366-SE	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    : 32.7 dBm
EIRP                : 46.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS2)
IDU Output Power    : -17.1 dBm
ODU Output Power    : 32.9 dBm
EIRP                : 46.2 dBW
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -24 us (250859 us)
Frequency correction: 40 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    25.333333      12.050000 DVB-S2 102        0   0.0 E
Yes
  1   1    15.000000      12.059000 DVB-S2 4          0   0.0 E
Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State               : On
DVB State              : Forward link up
Network                : 1326,  T14R Beam
Frequency              : 12.050451 GHz
Symbol Rate            : 25.333382 Msps
S2 ModCod
        - receiving    : 12   8PSK-3/5
        - current max  : 22    16APSK-8/9
Pilot                  : On
Frame length           : Short
DVB S2 Mode            : ACM
DVB S2 Stream type     : MPEG-TS
Roll off               : 0.20
SNR                    : 14.5 dB
Input Power            : -27 dBm
```