<table>
<tr><td>EMC
EMERGING MARKETS COMMUNICATIONS</td><td># TERMO DE ACEITE TÉCNICO</td></tr>
</table>

Solicitante: VIVO- Projeto Escolas Rurais

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

Empresa EMC Brasil	VSAT-ID VIVO-PER-26069709-PE	Link kbps 256k/128k	Plataforma VSAT


```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.0 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    : -18.0 dBm
ODU Output Power    : 32.9 dBm
EIRP                : 45.9 dBW
Es/No               : 9.0 dB
Header Compression  : Disabled
Timing correction   : -53 us (251257 us)
Frequency correction: -80 Hz

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            : 12.050006 GHz
Symbol Rate          : 25.332430 Msps
S2 ModCod
        - receiving  : 22   16APSK-8/9
        - 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                  : 16.2 dB
Input Power          : -12 dBm
```