TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-26135251-PE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
--------------------------------
State                : On  (DVB-RCS)
IDU Output Power     : -22.5 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 47.5 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction    : -114 us (262087 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           : 12.055861 GHz
Symbol Rate         : 9.319894 Msps
S2 ModCod
     - receiving    : 14   8PSK-3/4
     - 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                 : 14.6 dB
Input Power         : -22 dBm


IP DVB 172.18.129.12/32



Ping desde o MGMT- Server ao IP de trafego e para o DVB.


C:\Documents and Settings\Administrator.DVB-RCS>ping 172.18.129.12

Pinging 172.18.129.12 with 32 bytes of data:

Reply from 172.18.129.12: bytes=32 time=604ms TTL=62
Reply from 172.18.129.12: bytes=32 time=898ms TTL=62
Reply from 172.18.129.12: bytes=32 time=1371ms TTL=62
Reply from 172.18.129.12: bytes=32 time=739ms TTL=62

Ping statistics for 172.18.129.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 604ms, Maximum = 1371ms, Average = 903ms

Ping desde dentro da VSAT 8.8.8.8

# 64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=510 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 510/610/880 ms
```