TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Wallace Teixeira	**Operadora/Cliente:** Sérgio Almeida
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Ricard Dehon Bicalho

Consórcio EMC/Vodanet	**VSAT-ID** SEE-CRIA-23693	**Porta kbps** 2MBPS	**Plataforma** VSAT

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  UDP/IP



Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS2)
IDU Output Power    : -19.8 dBm
Es/No               : 8.0 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -166 us (265862 us)
Frequency correction: 120 Hz
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  UDP/IP



Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS2)
IDU Output Power    : -19.8 dBm
Es/No               : 13.5 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -166 us (265862 us)
Frequency correction: 120 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     8.883000       12.176420 DVB-S2 104        0   0.0 E
Yes
  1  1     4.883300       12.176420 DVB-S2 2          0   0.0 E
```

```
Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 12.176438 GHz
Symbol Rate          : 8.883033 Msps
S2 ModCod
- receiving   : 4   QPSK-1/2
- 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                  : 15.9 dB
Input Power          : -36 dBm
# device show
System Information:
    Name                : SEE-CRIA-23693
Location             : CRISTÁLIA
    Contact             :
    System Up time      : 0 days, 00:02:01
    CPU Load            : 9%
    System time(UTC)    : 22 January 2018 21:42:00
    Broadcast Message   : not
set  HW:
    Model               : SatLink 2000
    HW ID               : 120033
    Main board ID       : 120026 R6.2


MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:5e:d4
    Satellite (DVB)     : 00:20:0e:10:5e:d4


# arp show


   NetAddr        State   MacAddr            If
10.213.192.2  Dynamic 74:e6:e2:d4:e4:73    1



Pinging 10.213.192.1 with 32 bytes of data:
Reply from 10.213.192.1: bytes=32 time=553ms TTL=56
Reply from 10.213.192.1: bytes=32 time=636ms TTL=56
Reply from 10.213.192.1: bytes=32 time=536ms TTL=56
Reply from 10.213.192.1: bytes=32 time=610ms TTL=56
Reply from 10.213.192.1: bytes=32 time=532ms TTL=56
Reply from 10.213.192.1: bytes=32 time=578ms TTL=56
Reply from 10.213.192.1: bytes=32 time=528ms TTL=56
Reply from 10.213.192.1: bytes=32 time=552ms TTL=56
Reply from 10.213.192.1: bytes=32 time=566ms TTL=56
Reply from 10.213.192.1: bytes=32 time=713ms TTL=56


Ping statistics for 10.213.192.1:    Packets: Sent = 10,
Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 713ms, Average = 580ms
```
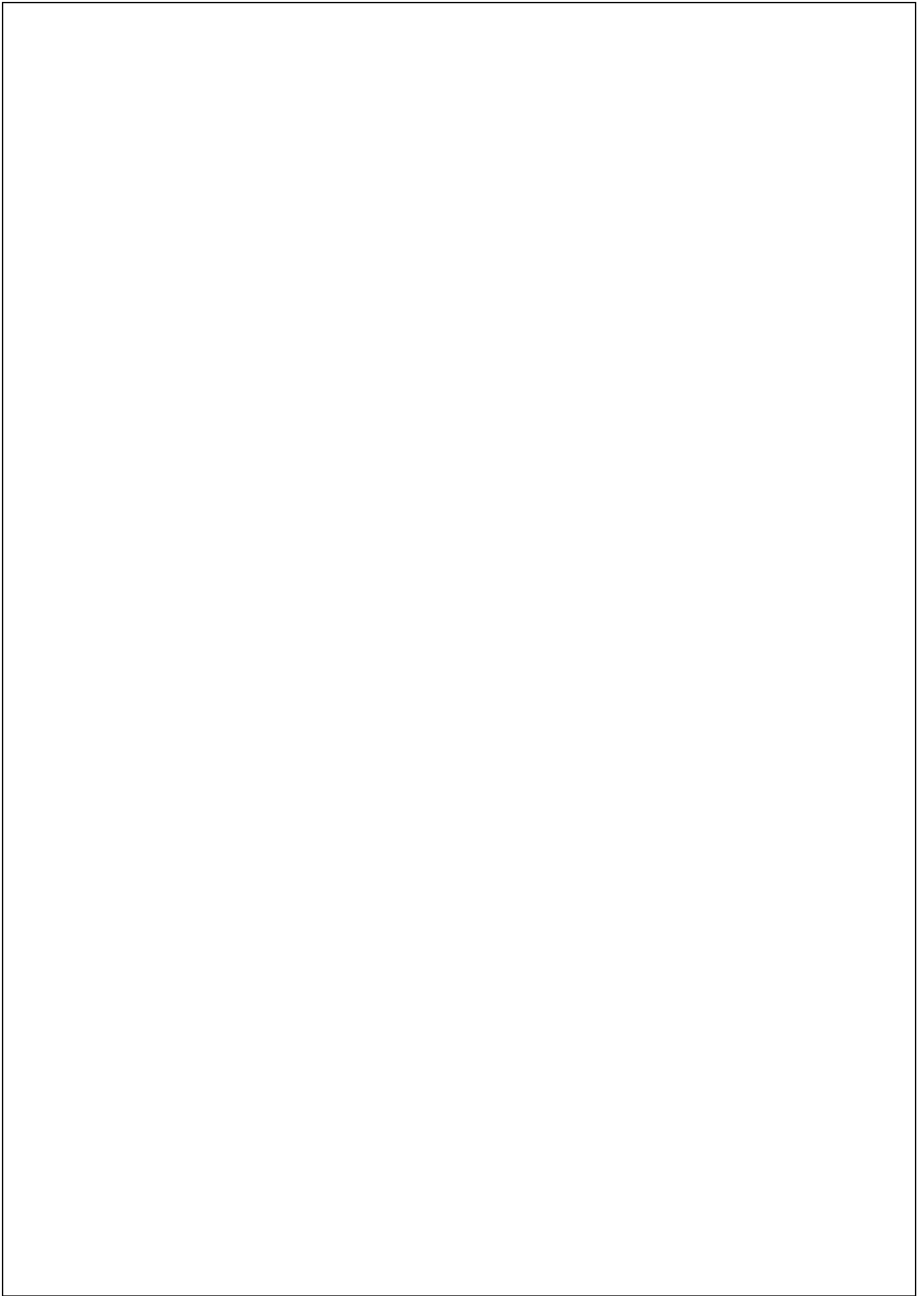
Lista de sites acessados:
www.globo.com – ok www.yahoo.com
– ok www.hotmail.com – ok
www.google.com – ok
www.educacao.mg.gov.br – ok
www.prodemge.gov.br – ok

Responsável pelo teste de navegação:
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Função: ATB
Identidade: Masp 12797221