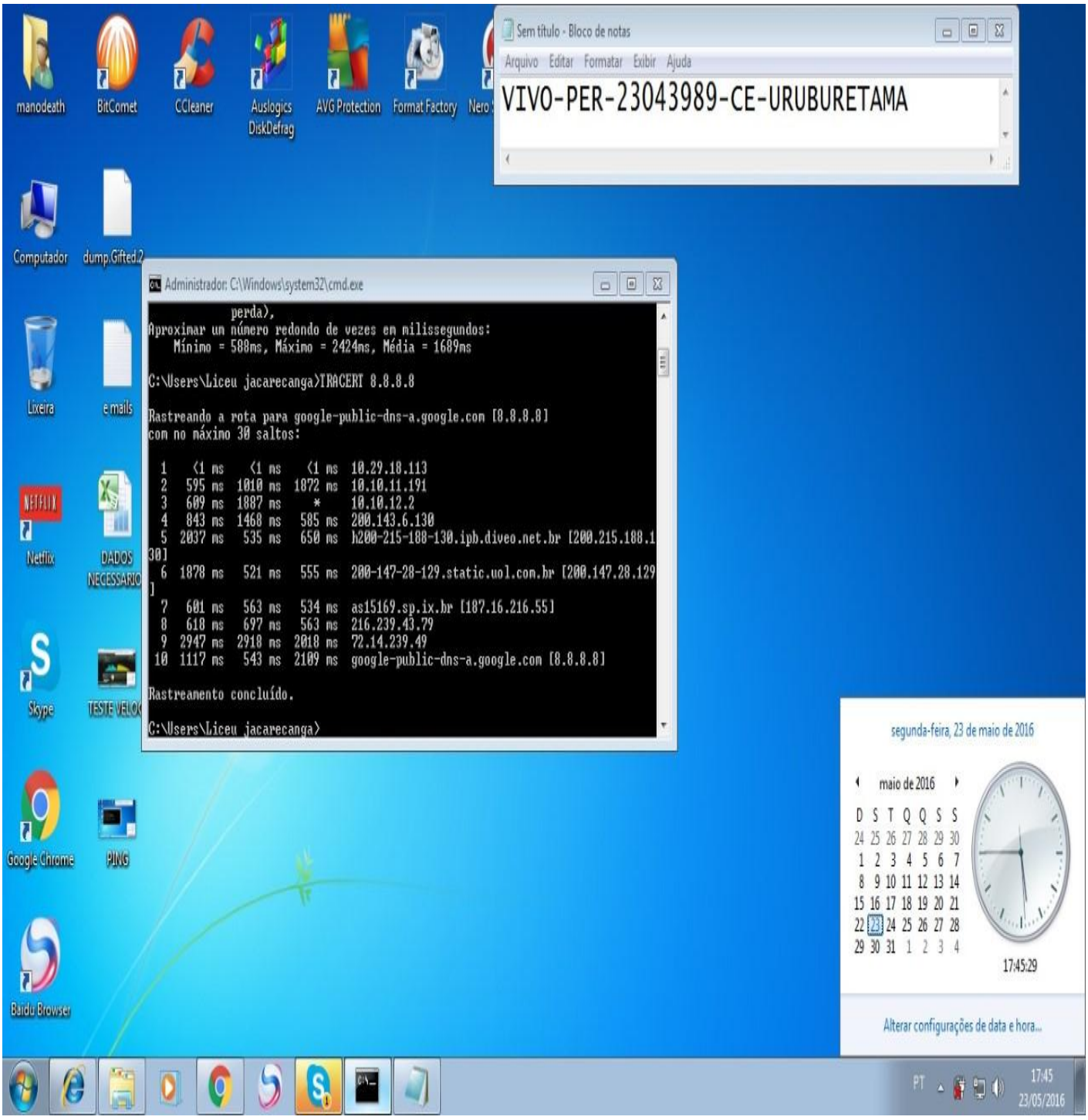
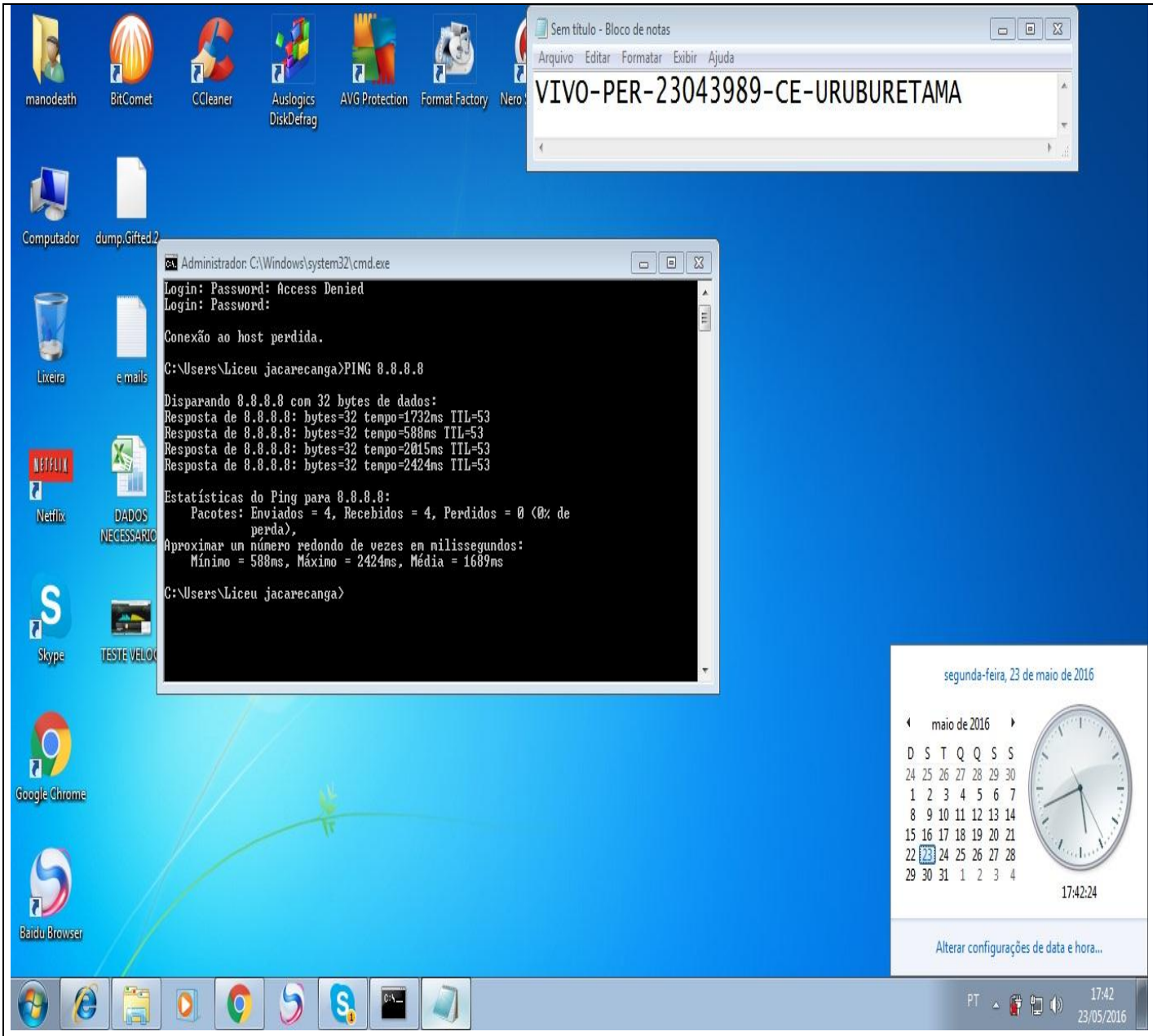
TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

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

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-23043989-CE	256k/128k	VSAT






```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -17 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.6 dBm
EIRP                : 46.5 dBW
Default CW Frequency: 14.125850 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -16.8 dBm
ODU Output Power    : 36.2 dBm
EIRP                : 47.1 dBW
Es/No               : 11.0 dB
Header Compression  : Disabled
Timing correction   : -165 us (260628 us)
```

```
Frequency correction: 60 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 4          0   0.0 E
Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-14R
Frequency           : 12.056072 GHz
Symbol Rate         : 9.319993 Msps
S2 ModCod
      - receiving   : 1   QPSK-1/4
      - 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                 : 13.2 dB
Input Power         : -36 dBm
#


IP DVB 10.50.1.172/32


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=1990 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=720 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 560/890/1990 ms
#
```