

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

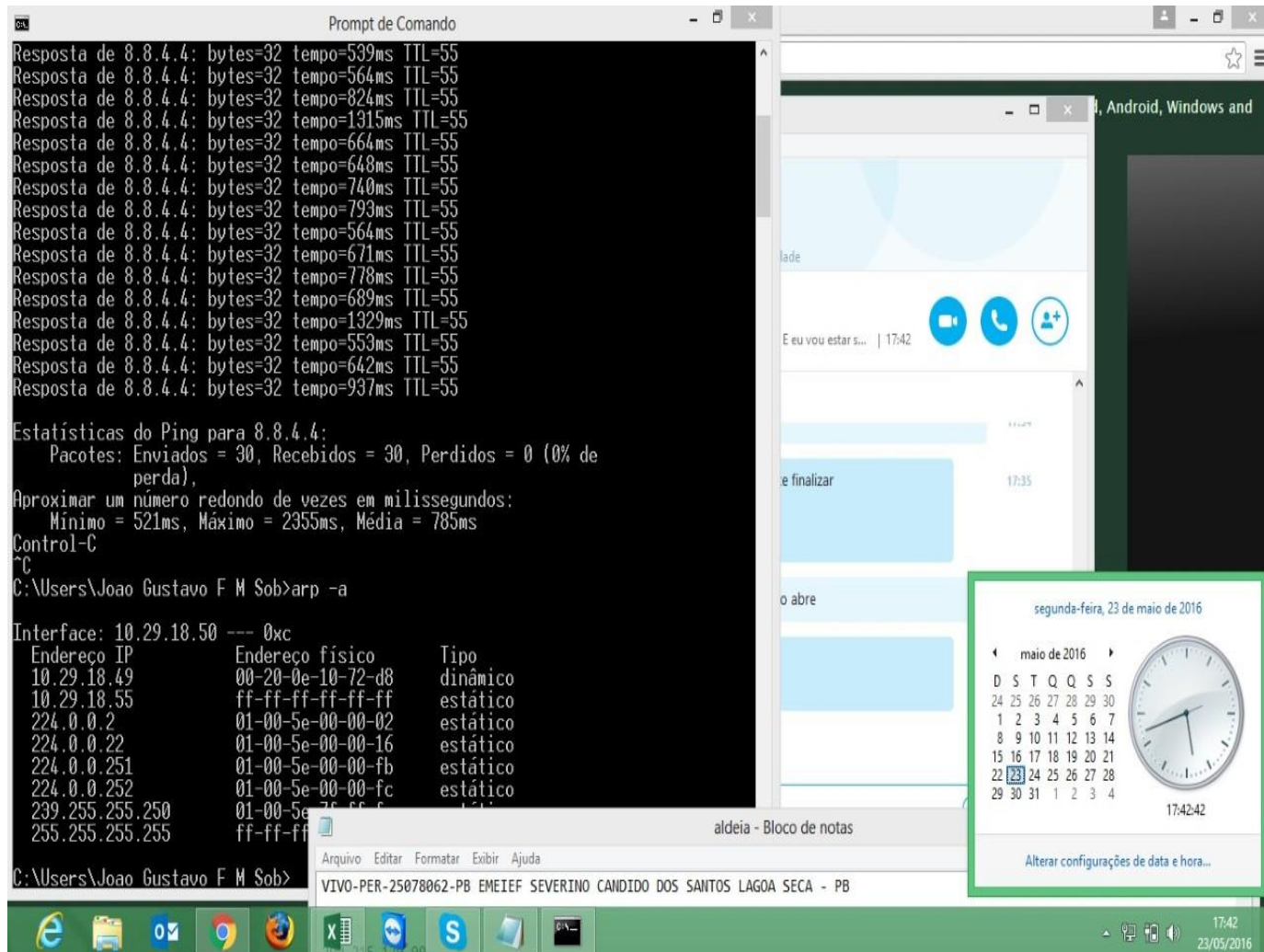
Cliente: VIVO

Empresa
EMC Brasil

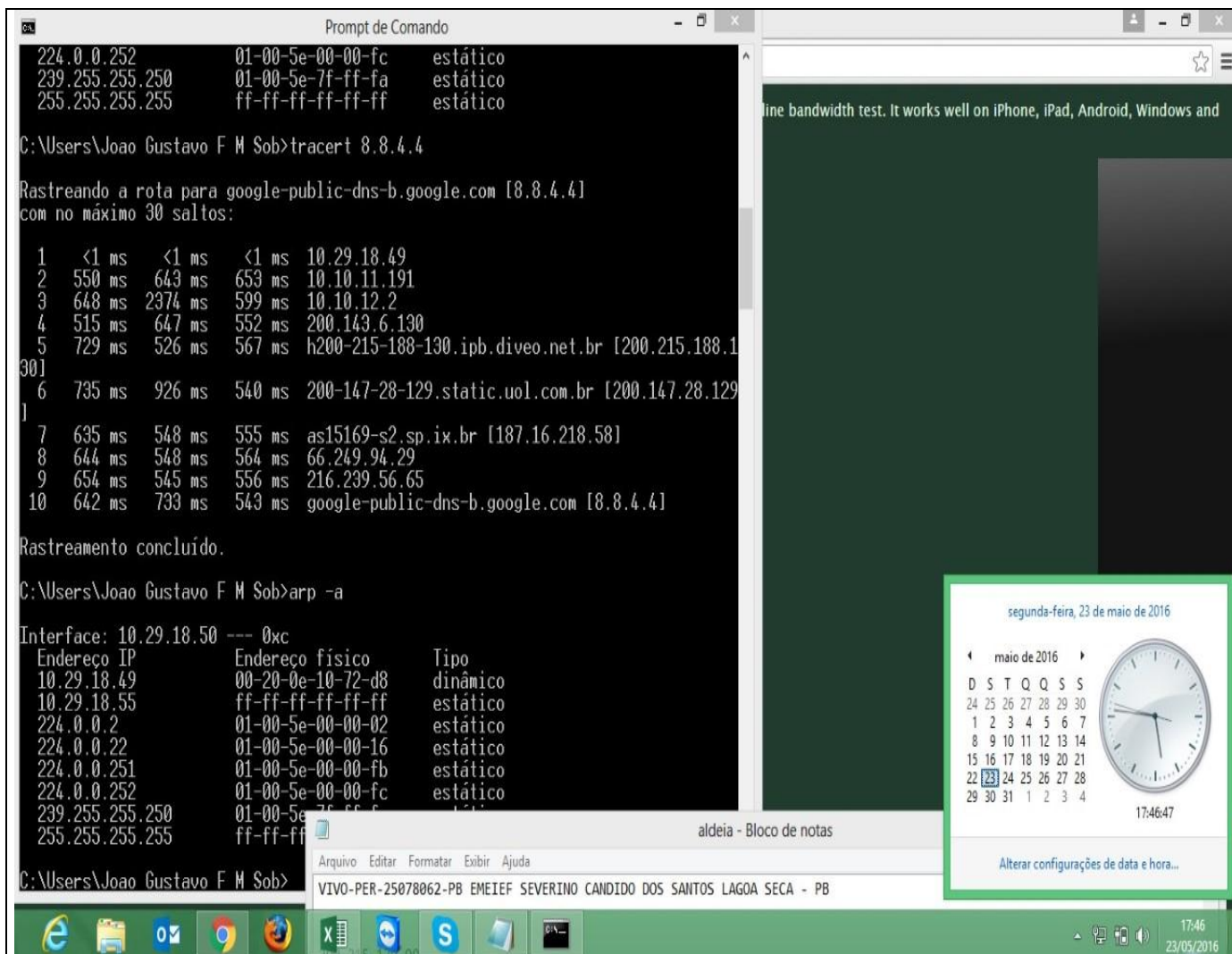
VSAT-ID
VIVO-PER-25078062-PB

Link kbps
256k/128k

Plataforma
VSAT



The screenshot displays a Windows desktop environment. On the left, a 'Prompt de Comando' (Command Prompt) window is open, showing a series of ping commands to the IP address 8.8.4.4. The results indicate successful connections with varying response times (e.g., 539ms, 564ms, 824ms) and a TTL of 55. Below the ping results, statistics for the ping test are shown: 30 packets sent, 30 received, and 0% loss. The user then runs the 'arp -a' command, displaying a list of IP addresses and their corresponding MAC addresses and types (dynamic or static). In the background, a calendar for May 2016 is visible, showing the current date as Tuesday, May 23rd. The taskbar at the bottom shows various application icons, including Internet Explorer, File Explorer, and several instances of Google Chrome. The system clock in the bottom right corner indicates the time is 17:42 on 23/05/2016.



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -24 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Default CW Frequency : 14.125750 GHz
ATM mode              : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                 : On (DVB-RCS)
IDU Output Power      : -23.4 dBm
ODU Output Power      : 33.5 dBm
EIRP                  : 46.8 dBW
Es/No                 : 14.0 dB
Header Compression    : Disabled
Timing correction     : -156 us (262209 us)
Frequency correction   : 90 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[Mbps]	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 : 12.055966 GHz
Symbol Rate : 9.320053 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 : 13.5 dB
Input Power : -28 dBm
#

IP DVB 10.50.1.166/32

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=720 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=1110 ms
64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=1080 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 710/890/1110 ms
#