

The information is also available in Anacom's Internet website in:

<http://www.anacom.pt/template12.jsp?categoryId=186283>

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# *Appendix*

Individual results, results by urban agglomeration and road axel.

September / October 2005

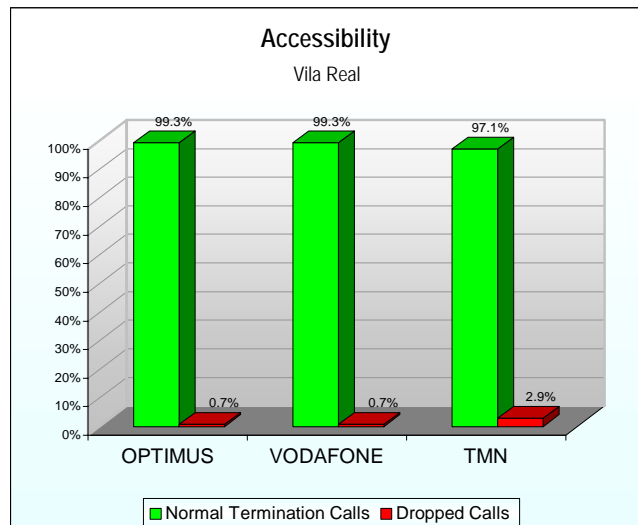
## 1.17 VILA REAL

### Measurement Sessions on:

- 23 September 2005 between 9h34 and 12h37 and between 14h04 and 17h10

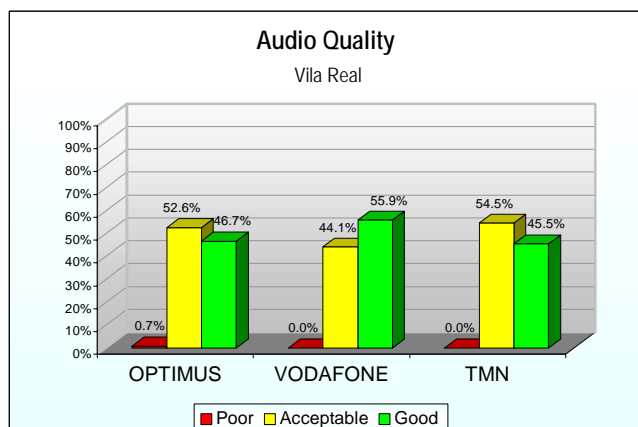
### 1.17.1 ACCESSIBILITY

| Calls Made       |                               | Operator           | OPTIMUS      | VODAFONE     | TMN         |
|------------------|-------------------------------|--------------------|--------------|--------------|-------------|
|                  |                               | Total              | 136<br>100%  | 136<br>100%  | 136<br>100% |
| Routed Calls     | Total                         | 136<br>100.0%      | 135<br>99.3% | 132<br>97.1% |             |
|                  | Abandoned During Conversation | 1<br>0.7%          | 0<br>0.0%    | 0<br>0.0%    |             |
|                  | Normal Termination Calls      | 135<br>99.3%       | 135<br>99.3% | 132<br>97.1% |             |
| Non-Routed Calls |                               | 0<br>0.0%          | 1<br>0.7%    | 4<br>2.9%    |             |
| Dropped Calls    | Total                         | 1<br>0.7%          | 1<br>0.7%    | 4<br>2.9%    |             |
|                  | Call Ending Causes            | No Service         | 0<br>0.0%    | 0<br>0.0%    | 0<br>0.0%   |
|                  |                               | Congestion         | 1<br>0.7%    | 1<br>0.7%    | 1<br>0.7%   |
|                  |                               | Radio Link Failure | 0<br>0.0%    | 0<br>0.0%    | 0<br>0.0%   |
|                  |                               | Other              | 0<br>0.0%    | 0<br>0.0%    | 3<br>2.2%   |
|                  |                               |                    |              |              |             |



### 1.17.2 AUDIO QUALITY

| Calls with Measurements |            | Operator     | OPTIMUS      | VODAFONE     | TMN         |
|-------------------------|------------|--------------|--------------|--------------|-------------|
|                         |            | Total        | 272<br>100%  | 270<br>100%  | 264<br>100% |
| Audio Quality (MOS)     | Poor       | 2<br>0.7%    | 0<br>0.0%    | 0<br>0.0%    |             |
|                         | Acceptable | 143<br>52.6% | 119<br>44.1% | 144<br>54.5% |             |
|                         | Good       | 127<br>46.7% | 151<br>55.9% | 120<br>45.5% |             |

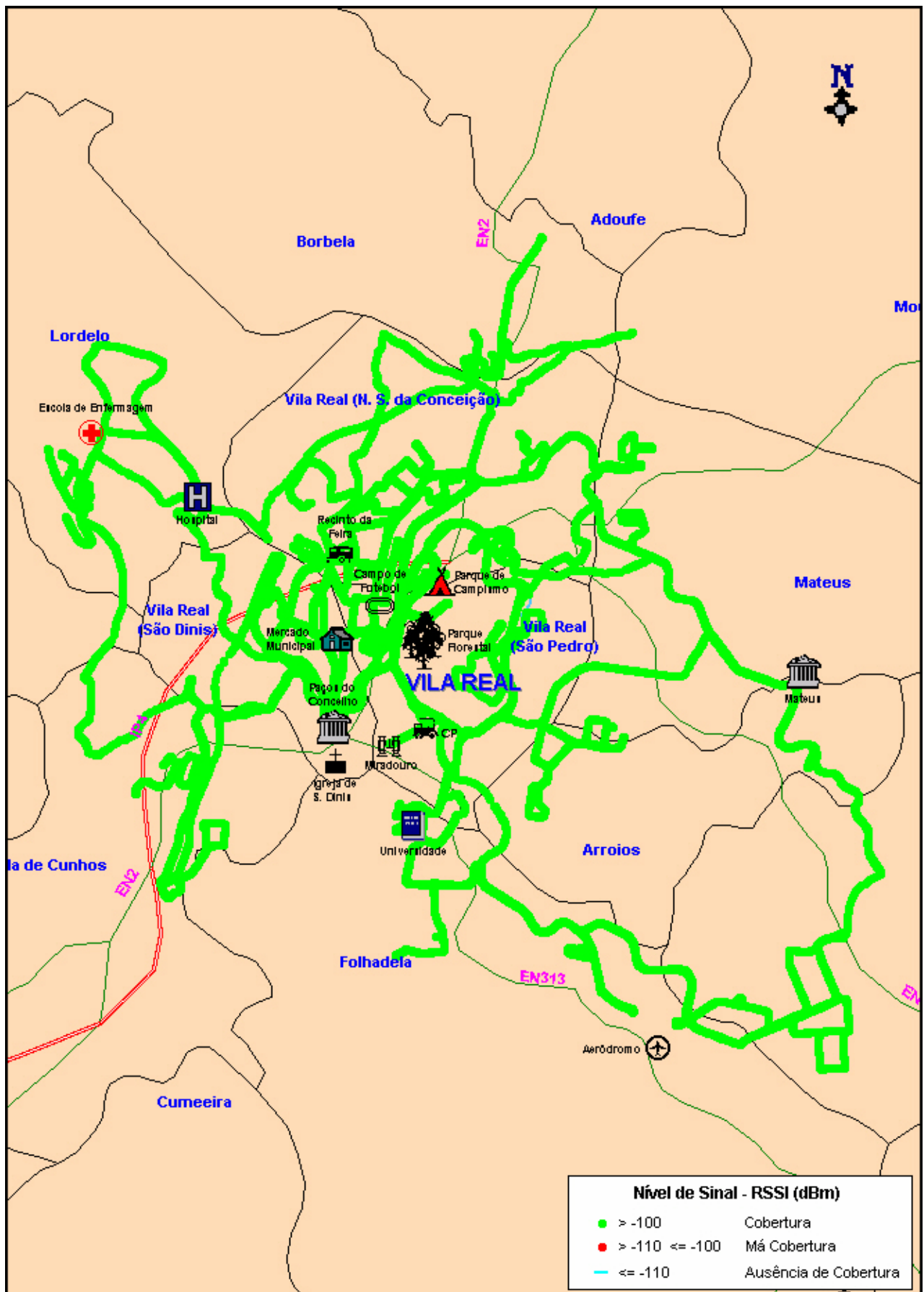


### 1.17.3 COVERAGE

(Following Pages)

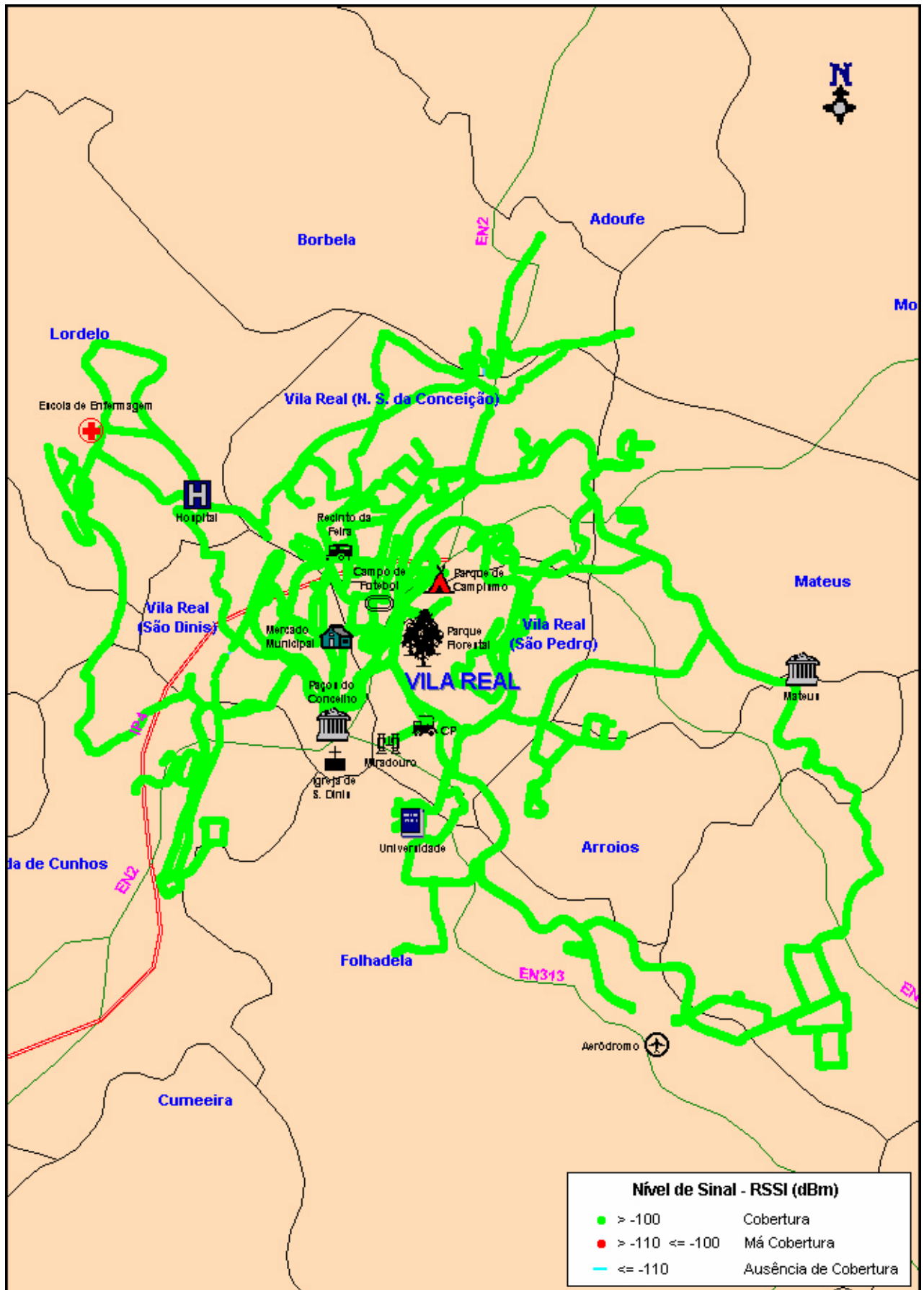
# VILA REAL

OPTIMUS - PSTN



# VILA REAL

VODAFONE - PSTN



VILA REAL  
TMN - PSTN

