

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

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

Appendix

Individual results, results by urban agglomeration and road axel.

September / October 2005

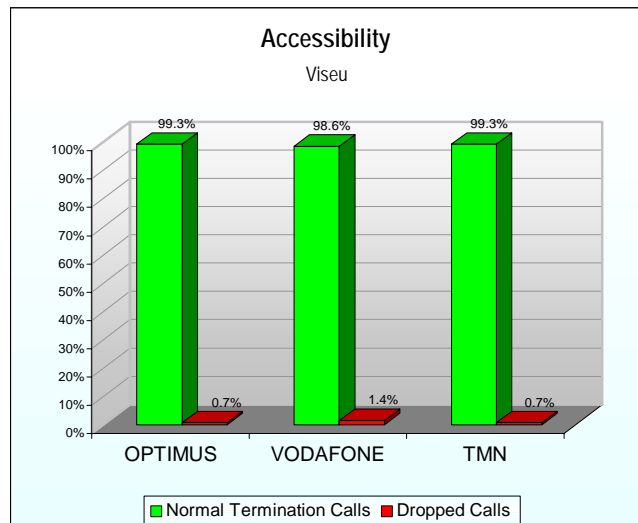
1.18 VISEU

Measurement Sessions on:

- 29 September 2005 between 9h49 and 12h58 and between 14h08 and 17h15

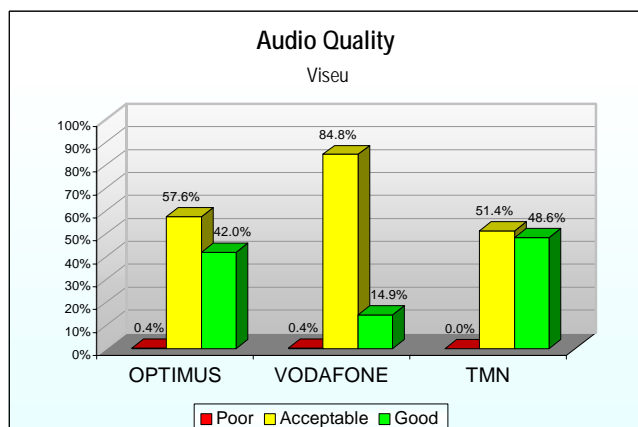
1.18.1 ACCESSIBILITY

| Calls Made | | Operator | OPTIMUS | VODAFONE | TMN |
|------------------|-------------------------------|--------------------|---------|----------|------|
| | | Total | 139 | 139 | 139 |
| Routed Calls | Total | 138 | 138 | 138 | |
| | Abandoned During Conversation | 0 | 1 | 0 | |
| | Normal Termination Calls | 138 | 137 | 138 | |
| | | 99.3% | 98.6% | 99.3% | |
| Non-Routed Calls | | 1 | 1 | 1 | |
| Dropped Calls | Total | 1 | 2 | 1 | |
| | Call Ending Causes | No Service | 0 | 0 | 0 |
| | | Congestion | 1 | 2 | 0 |
| | | Radio Link Failure | 0 | 0 | 0 |
| | | Other | 0 | 0 | 1 |
| | | | 0.7% | 1.4% | 0.7% |



1.18.2 AUDIO QUALITY

| Calls with Measurements | | Operator | OPTIMUS | VODAFONE | TMN |
|-------------------------|------------|----------|---------|----------|-----|
| | | Total | 276 | 276 | 276 |
| Audio Quality (MOS) | Poor | 1 | 1 | 0 | |
| | Acceptable | 159 | 234 | 142 | |
| | Good | 116 | 41 | 134 | |
| | | 42.0% | 14.9% | 48.6% | |

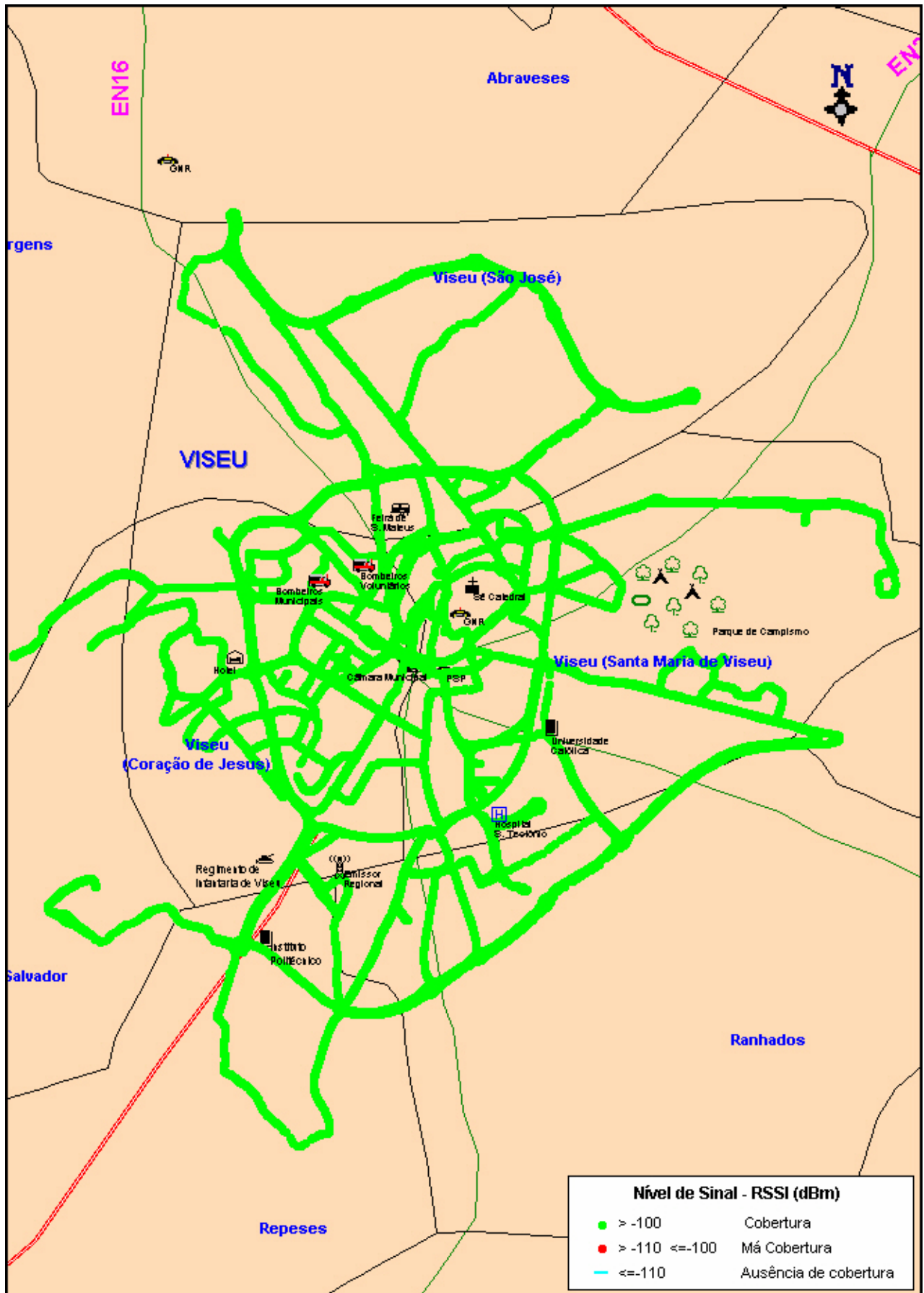


1.18.3 COVERAGE

(Following Pages)

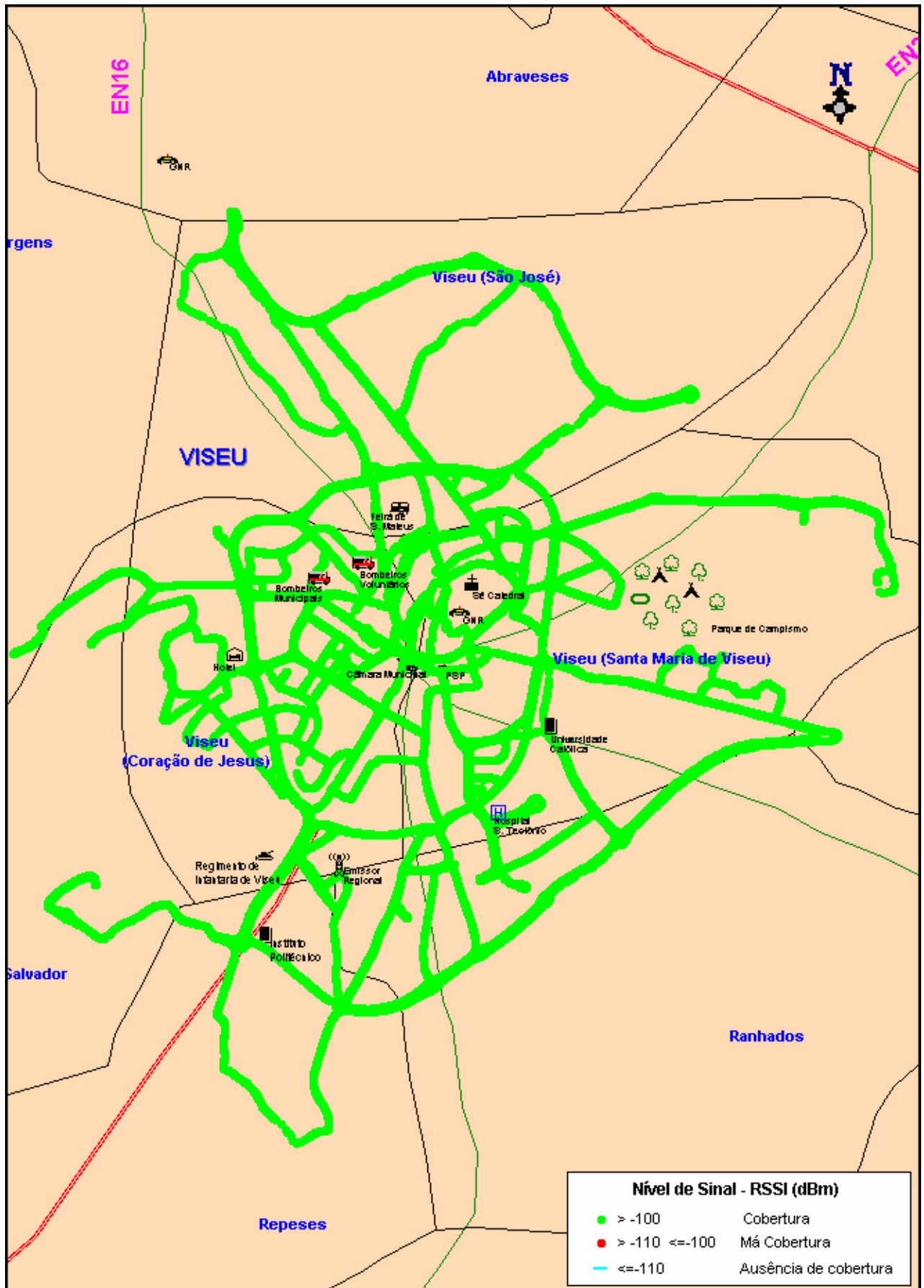
VISEU

OPTIMUS - PSTN



VISEU

VODAFONE - PSTN



VISEU

TMN - PSTN

