

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

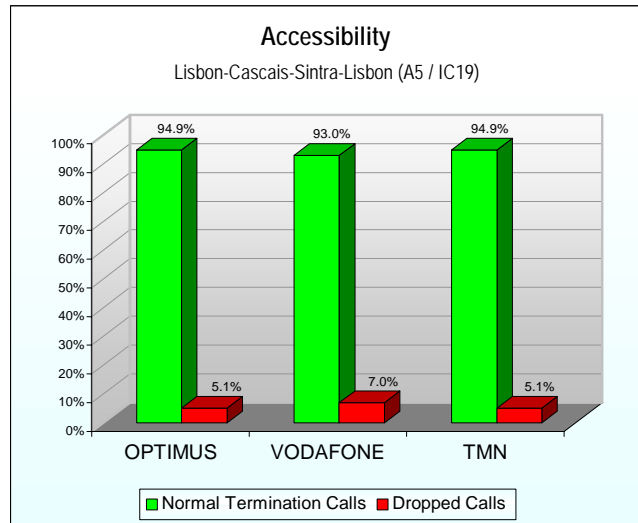
2.2 LISBON-CASCAIS-SINTRA-LISBON (A5 / IC19)

Measurement Sessions on:

- 20 October 2005 between 7h57 and 11h33 and between 16h25 and 20h00

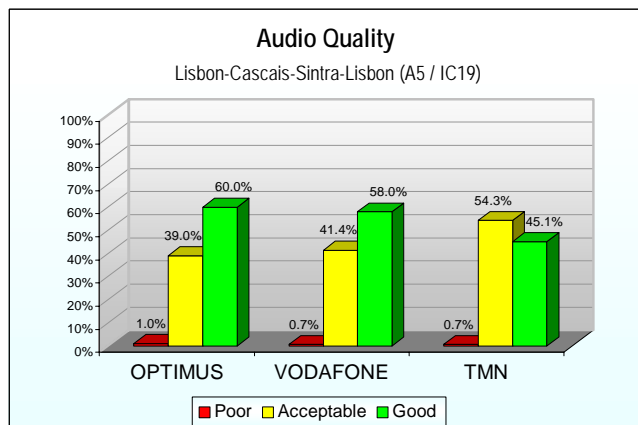
2.2.1 ACCESSIBILITY

Calls Made		Operator	OPTIMUS	VODAFONE	TMN
		Total	158 100%	157 100%	157 100%
Routed Calls	Total	151 95.6%	150 95.5%	154 98.1%	
	Abandoned During Conversation	1 0.6%	4 2.5%	5 3.2%	
	Normal Termination Calls	150 94.9%	146 93.0%	149 94.9%	
Non-Routed Calls		7 4.4%	7 4.5%	3 1.9%	
Dropped Calls	Total	8 5.1%	11 7.0%	8 5.1%	
	Call Ending Causes	No Service	0 0.0%	0 0.0%	0 0.0%
		Congestion	7 4.4%	8 5.1%	3 1.9%
		Radio Link Failure	1 0.6%	2 1.3%	0 0.0%
		Other	0 0.0%	1 0.6%	5 3.2%



2.2.2 AUDIO QUALITY

Calls with Measurements		Operator	OPTIMUS	VODAFONE	TMN
		Total	300 100%	295 100%	304 100%
Audio Quality (MOS)	Poor	3 1.0%	2 0.7%	2 0.7%	
	Acceptable	117 39.0%	122 41.4%	165 54.3%	
	Good	180 60.0%	171 58.0%	137 45.1%	

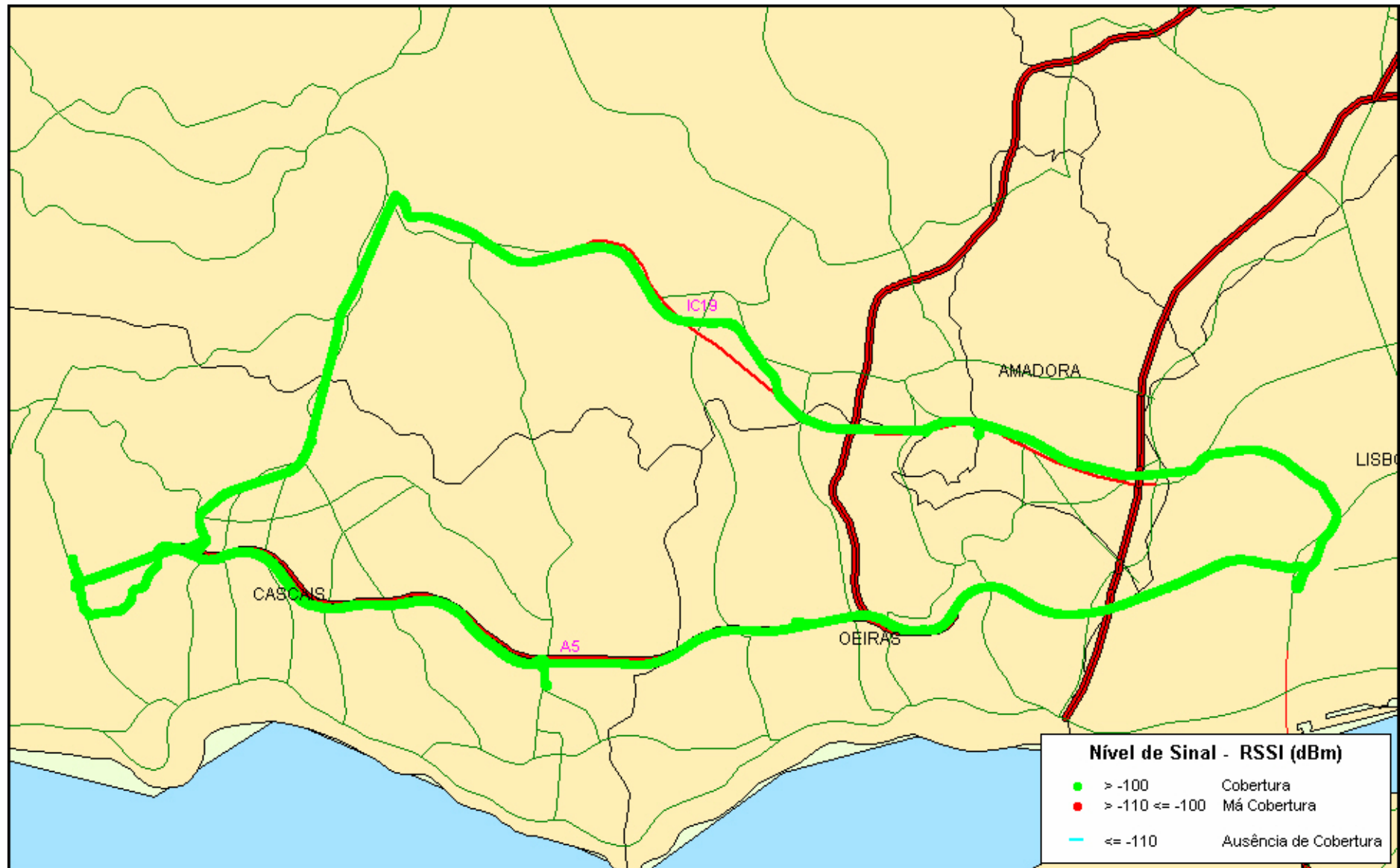


2.2.3 COVERAGE

(Following Pages)

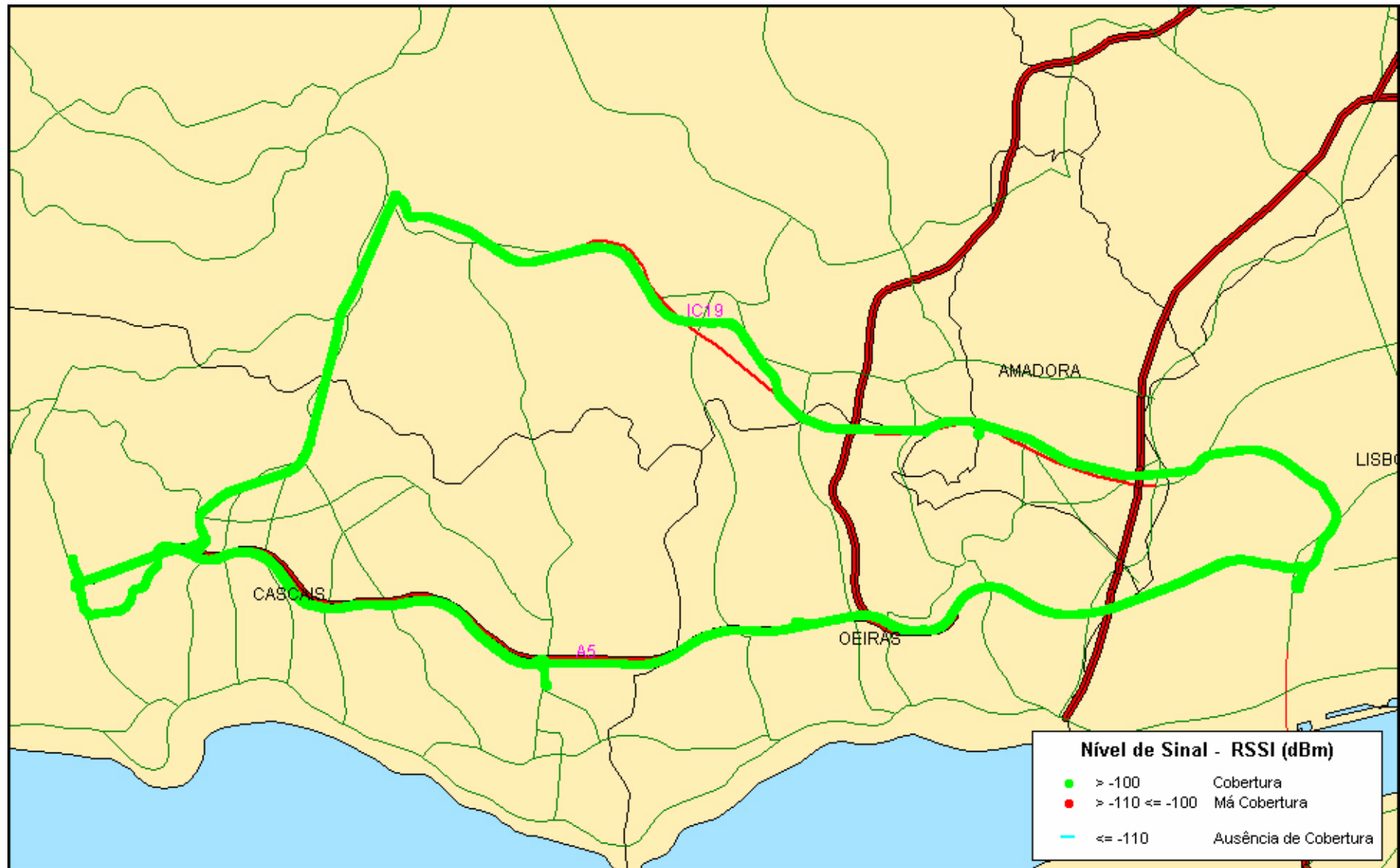
LISBON-CASCAIS-SINTRA-LISBON (A5 / IC19)

OPTIMUS - PSTN



LISBON-CASCAIS-SINTRA-LISBON (A5 / IC19)

VODAFONE - PSTN



LISBON-CASCAIS-SINTRA-LISBON (A5 / IC19)

TMN - PSTN

