

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

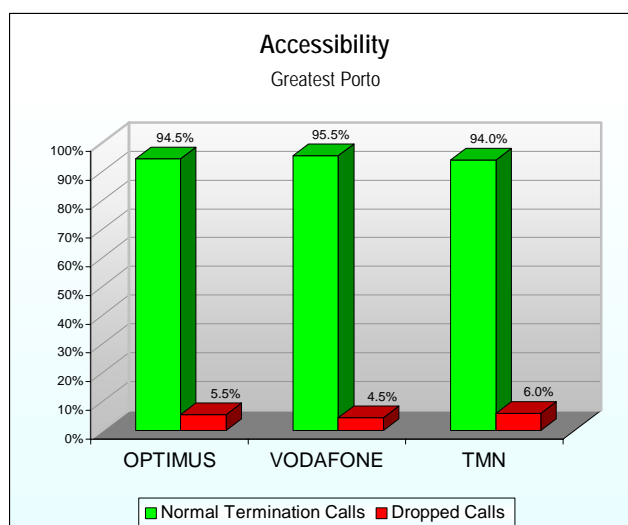
### 1.13 PORTO, V. N. GAIA, MAIA, MATOSINHOS, GONDOMAR

**Measurement Sessions on:**

- 10 October 2005 between 7h57 and 11h33 and between 16h28 and 20h00
- 11 October 2005 between 7h53 and 11h34 and between 16h26 and 20h00
- 12 October 2005 between 8h00 and 11h37

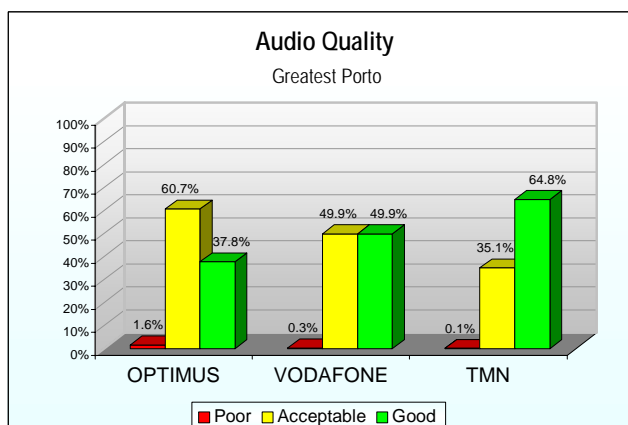
#### 1.13.1 ACCESSIBILITY

Calls Made		Operator	OPTIMUS	VODAFONE	TMN	
		Total	398	398	398	
			100%	100%	100%	
Routed Calls	Total		388	388	381	
	Abandoned During Conversation		12	8	7	
	Normal Termination Calls		376	380	374	
			94.5%	95.5%	94.0%	
Non-Routed Calls			10	10	17	
			2.5%	2.5%	4.3%	
Dropped Calls	Total		22	18	24	
			5.5%	4.5%	6.0%	
	Call Ending Causes	No Service	1	0	2	
				0.3%	0.0%	0.5%
		Congestion	13	10	9	
		3.3%	2.5%	2.3%		
Radio Link Failure	4	4	1			
		1.0%	1.0%	0.3%		
Other	4	4	12			
		1.0%	1.0%	3.0%		



#### 1.13.2 AUDIO QUALITY

Calls with Measurements		Operator	OPTIMUS	VODAFONE	TMN
		Total	765	770	758
			100%	100%	100%
Audio Quality (MOS)	Poor	12	2	1	
			1.6%	0.3%	0.1%
	Acceptable	464	384	266	
			60.7%	49.9%	35.1%
Good	289	384	491		
		37.8%	49.9%	64.8%	

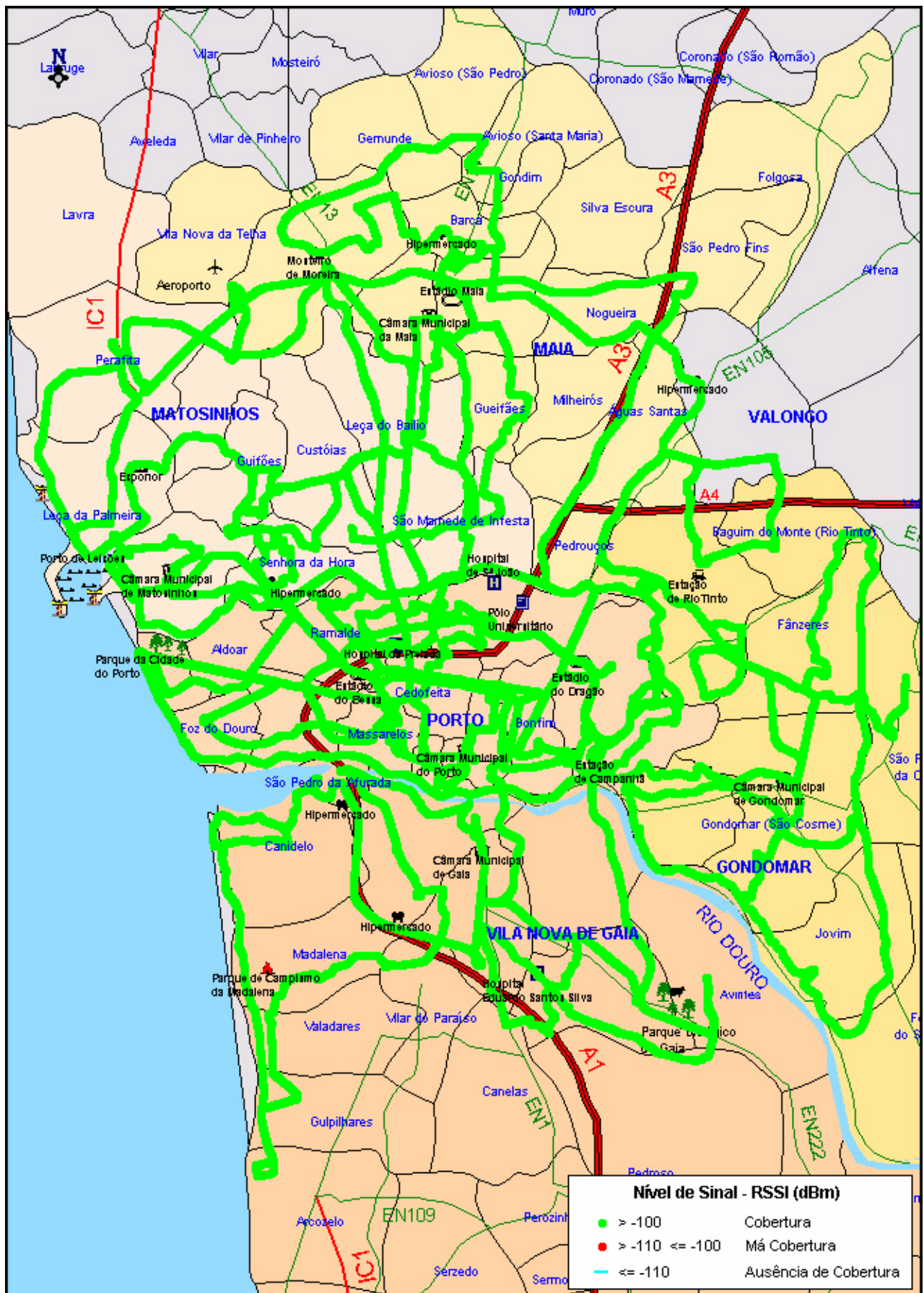


#### 1.13.3 COVERAGE

(Following Pages)

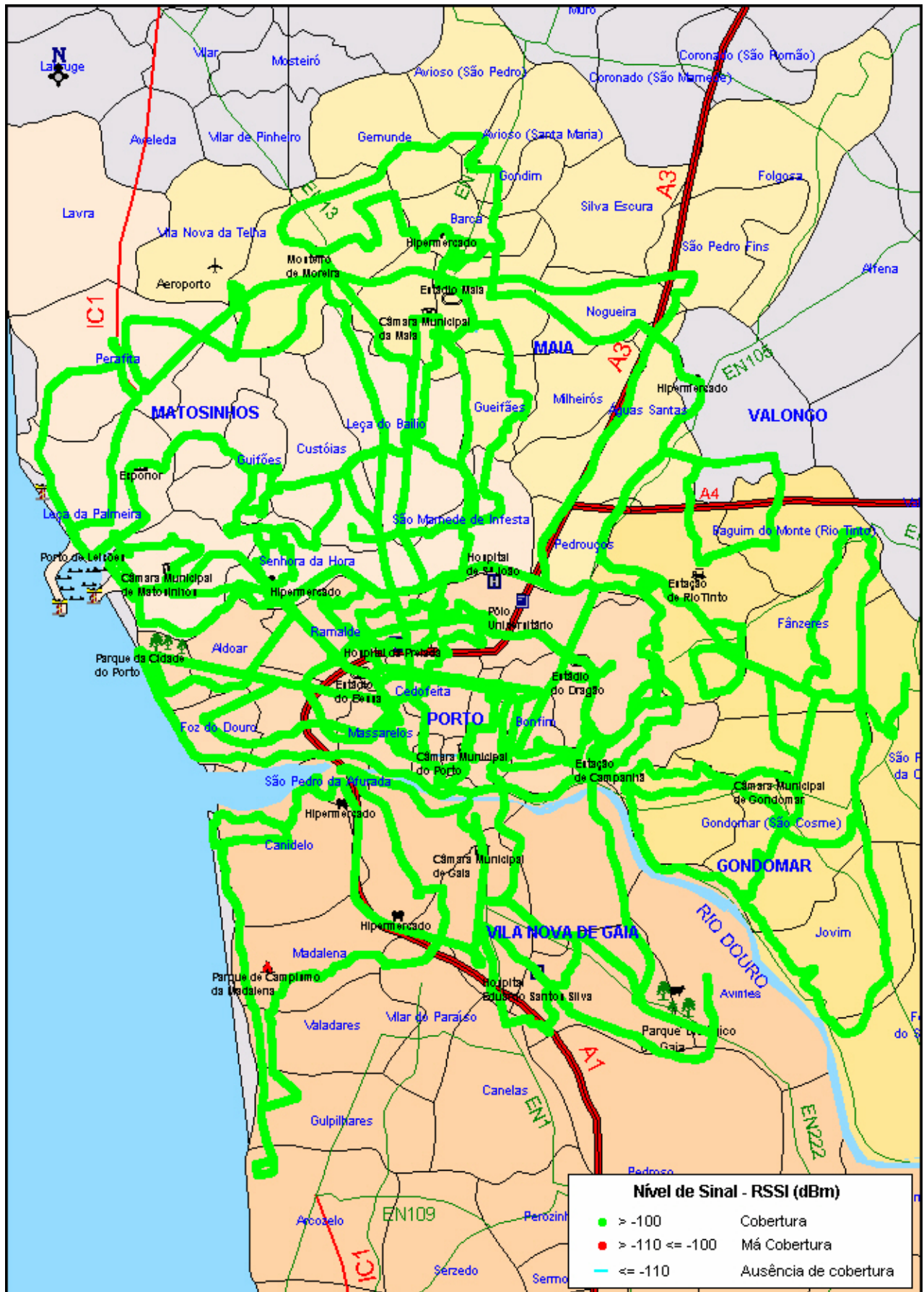
PORTO, V. N. GAIA, MAIA, MATOSINHOS, GONDOMAR

OPTIMUS - PSTN



PORTO, V. N. GAIA, MAIA, MATOSINHOS, GONDOMAR

VODAFONE - PSTN



PORTO, V. N. GAIA, MAIA, MATOSINHOS, GONDOMAR

TMN - PSTN

