



# Office of Utility Regulation

## Audit of Emissions from Radio Masts

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### Information Notice

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**Office of Utility Regulation**

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## 1. Introduction

The OUR is publishing the result of its latest audit of emissions from a number of mobile base stations in the Bailiwick. It is the latest in a series of audits which commenced in 2004.

An audit of all mast sites in Guernsey was carried out in 2008 and the details were published in the OUR report OUR 08/13, “Audit of Emissions from Radio Masts” Information Notice (July 2008). The audit focused on whether the guidelines that operators are required to comply with remain the most appropriate standard for the Bailiwick and included an assessment of operators’ processes and procedures. Following on from that work, a further spot-check of 15 sites was carried out in Spring 2009 and the results were published on the OUR website and also on the States Digimap site. This year a further audit of 16 sites was carried out to ensure operators’ ongoing compliance with the ICNIRP guidelines. To-date, all sites audited have complied fully with the guidelines applied, the International Commission for Non-Ionising Radiation Protection’s (“ICNIRP”) guidelines.

This report presents the results of the most recent audit which was carried out in May 2010. It confirms that all 16 sites audited comply with the ICNIRP guidelines on emission levels.

The individual site reports for each site audited is available on the OUR’s website – [www.regutil.gg](http://www.regutil.gg) – and an overview of the location and summary information on each site can be found on Digimap – [www.maps.digimap.gg](http://www.maps.digimap.gg). The Digimap information contains site location information, a photograph of the mast structure and summary emission level information.

The DG would like to thank all the mobile operators for their co-operation and assistance to both the OUR and to Red-M. The OUR intends to continue to monitor operators’ compliance with the ICNIRP guidelines at mast sites in the Bailiwick.

## 2. Sites in the Bailiwick of Guernsey

There are currently 77 sites across the Bailiwick. For this audit, 16 sites were selected.

Table 1 below lists the sites surveyed as part of this audit. There is an individual detailed report available for each site providing significantly more detailed information on the audit at each site on the OUR website ([www.regutil.gg](http://www.regutil.gg)) and a summary of the information is also available on the Digimap site ([www.digimap.gg](http://www.digimap.gg)).

A list of the sites audited and the results of the highest reading recorded at each site is listed in **Table 1** below.

<b>Site Name</b>	<b>Address</b>	<b>Parish</b>	<b>Site type</b>	<b>Operator</b>	<b>Cumulative EQ</b>
Airport Terminal	Rue des Landes	Forest	Indoor	C&WG, Wave, Airtel	1/211
Airport Car Park	Rue des Landes	Forest	monopole	Airtel	1/123
Airtel shop	45 High Street	St Peter Port	Indoor wall	Airtel	1/825
Beau Sejour	Amherst	St Peter Port	Rooftop	C&WG, Wave, Airtel	1/325
Brooklands Farm	King's Mills	Castel	Outdoor	Wave	1/1822
Waterloo House	High Street	St Peter Port	Outdoor	C&WG	1/18
Centenary House	La Vrangue	St Peter Port	monopole	C&WG	1/29
Cricket Centre	Hougue du Pommier	Castel	Monopole	C&WG	1/160
Envoy House	La Vrangue	St Peter Port	Indoor wall	C&WG	1/18
Fort Albert	Fort Albert	Alderney	Monopole	C&WG	1/251
La Moinerie		Sark	Outdoor	C&WG	1/27
L'Atlantique Hotel	Perelle Bay	St Saviour	Monopole,	Airtel	1/174
L'Eree Bay Hotel	L'Eree Bay	St Peter's	Rooftop	Airtel	1/112
Maseline Harbour	Maseline Harbour	Sark	Outdoor	C&WG	1/33
Old Harbour	Creux Harbour	Sark	Outdoor	C&WG, Wave, Airtel	1/88
White House Hotel		Herm	Outdoor	C&WG	1/189