

Wireless Telegraphy Act 2006

Business Radio (Simple Site) Licence

Sector/Class/Product	Business Radio / Light / 403020
Licence number	0000001/1
Licensee	Test Customer Limited
Licensee address	Riverside House 2a Southwark Bridge Road London. SE1 9HA
Licence first issue date	02/05/2999
Licence version date	31/07/2999
Payment interval	5 years

1. This Licence is issued by the Office of Communications ("Ofcom") on 31 July 2999 and replaces any previous authority granted in respect of the service subject to this Licence by Ofcom or by the Secretary of State.

2. This Licence authorises **Test Customer Limited** ("the Licensee") to establish, install and/or use radio transmitting and/or receiving stations and/or radio apparatus as described in the schedule(s) (hereinafter together called "the Radio Equipment") subject to the terms set out below and subject to the terms of the General Licence Conditions booklet. (Version OF195.1).

ISSUED BY OFCOM

BUSINESS RADIO (SIMPLE SITE) LICENCE

**SCHEDULE 1 TO LICENCE NUMBER 000001/1
DESCRIPTION OF RADIO EQUIPMENT COVERED BY THIS LICENCE**

1. Description of The Radio Equipment Licensed

- 1.1 In this Licence, the Radio Equipment means sending and receiving station(s) (“base stations”) and sending and receiving station(s) (“mobile stations) for wireless telegraphy as defined in paragraph 2 below.

2. Purpose of The Radio Equipment

- 2.1 Subject to the administrative and technical requirements set out in this and the subsequent schedule(s) to this Licence, the licensee and any person authorised to act on the Licensee’s behalf is hereby authorised to:
- (a) send and receive messages concerning the business of the Licensee between the base station(s) and the mobile station(s); and/or
 - (b) send and receive messages concerning the business of the Licensee between the mobile stations.

3. Interface Requirements for The Radio Equipment Use

- (a) Use of the radio equipment shall be in accordance with the following Interface Requirement:
 - i. IR 2044 for “Business Radio Land Mobile Services, covering Area Defined, Technically Assigned and Light Licence Authorisations”; and
 - ii. or for equipment first placed on the market before 8 April 2000, is required to be type approved in accordance with the appropriate published technical performance standards authorised at the date of installation of the Radio Equipment, subject to any modifications authorised by Ofcom.
- (b) The Licensee shall provide acceptable documentary evidence of conformity on request within 28 days, for all or any part of the systems, to an Ofcom representative.

4. Special Conditions Relating to the Activities of the Licensee

- (a) The Licensee shall ensure that the Radio Equipment is:
 - i. not used to transmit music, broadcast programmes or obscene or offensive language;

- ii. not used as a public address system; and
 - iii. not used to send misleading messages.
- (b) Upon receipt of messages not connected with the business of the Licensee, the Licensee or any person using the Radio Equipment shall not:
- i. make known the contents of any such message, its origin or destination, its existence or the fact of its receipt to any person, except to a duly authorised officer of the Her Majesty's Government, a person authorised by Ofcom or in the course of legal proceedings or for the purpose of any report thereof; and
 - ii. retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied or made use of.
- (c) The Licensee shall be committed to use the frequencies set out on the Schedule(s) to this licence anywhere in the UK.

5. Technical Conditions

- (a) Base stations must not communicate directly with other base stations;
- (b) The maximum permitted ERP for base stations is 2 Watts except where Schedule 2 specifies otherwise;
- (c) The maximum permitted ERP for mobile stations is 2 Watts except where Schedule 2 specifies otherwise;
- (d) The maximum permitted base station antenna height above ground level is 15 metres except where Schedule 2 specifies otherwise.

6. Interpretation

In this and the subsequent schedules:

- (a) "ERP" means effective radiated power, which is the power radiated from the antenna in the direction of maximum radiation; and is relative to a half wave dipole.
- (b) "IR" means the United Kingdom Radio Interface Requirement published by Ofcom in accordance with Article 8 of the Radio Equipment Directive (Directive 2014/53/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available of radio equipment on the market (known as the Radio Equipment Directive)).

BUSINESS RADIO (SIMPLE SITE) LICENCE

SCHEDULE 2

Licence No	0000001/1	Licence version date	31 July 2999	Payment interval	5 years
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Site Location:

Station location (NGR)	TQ 32200 80400
Site address	Riverside House 2a Southwark Bridge Road London. SE1 9HA

Base and Mobile Transmit Frequencies (not exceeding 12.5 kHz bandwidth):

The following frequencies may be used as base or mobile station transmit frequencies. Base stations may transmit on these frequencies at a channel bandwidth not exceeding 12.5 kHz and at a maximum ERP of 2 Watts. The mobile stations may transmit on these frequencies at a channel bandwidth not exceeding 12.5 kHz and at a maximum ERP power of 2 Watts:

49.00000 MHz	49.01250 MHz	49.02500 MHz	49.03750 MHz	49.05000 MHz	49.06250 MHz
49.07500 MHz	49.08750 MHz	49.10000 MHz	49.11250 MHz	49.12500 MHz	49.13750 MHz
49.15000 MHz	49.16250 MHz	49.17500 MHz	49.18750 MHz	49.20000 MHz	49.21250 MHz
49.22500 MHz	49.23750 MHz	49.25000 MHz	49.26250 MHz	49.27500 MHz	49.28750 MHz
49.30000 MHz	49.31250 MHz	49.32500 MHz	49.33750 MHz	49.35000 MHz	49.36250 MHz
49.37500 MHz	49.38750 MHz	49.40000 MHz	49.41250 MHz	49.48750 MHz	

Base Transmit Frequencies (not exceeding 25 kHz bandwidth):

The following frequencies may be used as base station transmit/mobile station receive frequencies only at a channel bandwidth not exceeding 25 kHz and at a maximum ERP of 2 Watts:

26.23750 MHz	26.41000 MHz	26.43750 MHz	26.46250 MHz	26.54500 MHz	26.58800 MHz
26.61550 MHz	26.66950 MHz	26.72550 MHz	26.81550 MHz	26.86550 MHz	26.86500 MHz

Mobile Transmit Frequencies (not exceeding 12.5 kHz bandwidth):

The following frequencies may be used as mobile station transmit/base station receive frequencies only at a channel bandwidth not exceeding 12.5 kHz and at a maximum ERP power of 0.02 Watts:

159.63750 MHz	159.65000 MHz	159.66250 MHz	159.67500 MHz	159.70000 MHz	161.00000 MHz
161.01250 MHz	161.02500 MHz	161.03750 MHz	161.05000 MHz	161.06250 MHz	161.07500 MHz
161.08750 MHz	161.10000 MHz	161.11250 MHz	164.20000 MHz		

Base and Mobile Transmit Frequencies (not exceeding 25 kHz bandwidth):

The following frequencies may be used as base or mobile station transmit frequencies. Base stations may transmit on these frequencies at a channel bandwidth not exceeding 25 kHz and at a maximum

ERP of 2 Watts. The mobile stations may transmit on these frequencies at a channel bandwidth not exceeding 25 kHz and at a maximum ERP power of 2 Watts:

459.05000 MHz	459.10000 MHz	459.12500 MHz	459.15000 MHz	459.17500 MHz	459.20000 MHz
459.22500 MHz	459.25000 MHz	459.27500 MHz	459.30000 MHz	459.32500 MHz	459.35000 MHz
459.37500 MHz	459.40000 MHz	459.42500 MHz	459.45000 MHz	459.47500 MHz	

Base transmit frequencies (MHz) (not exceeding 12.5 kHz bandwidth):

The following frequencies may be used as base station transmit/mobile station receive frequencies only at a channel bandwidth not exceeding 12.5 kHz and at a maximum ERP of 2 Watts:

451.51250 MHz	451.52500 MHz	451.53750 MHz	451.55000 MHz	451.56250 MHz	451.77500 MHz
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Mobile transmit frequencies (MHz) (not exceeding 12.5 kHz bandwidth):

The following frequencies may be used as mobile station transmit/base station receive frequencies only at a channel bandwidth not exceeding 12.5 kHz and at a maximum ERP of 2 Watts:

458.51250 MHz	458.52500 MHz	458.53750 MHz	458.55000 MHz	458.56250 MHz	458.77500 MHz
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CTCSS/DCS

For a list of CTCSS tones and/or DCS codes that can be used for this type of Licence please refer to the Ofcom Business Radio Technical Frequency Assignment Criteria (TFAC) located on the Ofcom website.