

# UK Interface Requirement 2076

## Recognised Spectrum Access and Converted Spectrum Access licences in the band 406.1MHz to 430.0MHz

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## Section 1

# References

Spectrum Regulatory	
[1]	None
Spectrum Standardisation	
[2]	None

For information;

Government Legislation can be obtained from;

<http://www.hmso.gov.uk/>

The ETSI website for technical standard can be obtained from;

<http://www.etsi.org>

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## Section 2

# Foreword

- 2.1 The Radio Equipment Directive (Directive 2014/53/EU) was implemented in the United Kingdom (UK) by the Radio Equipment Regulations 2017. In accordance with Articles 8 and 7 of Directive 2014/53/EU, this UK Interface Requirement contains the high- level requirements for grants of Recognised Spectrum Access and Converted Spectrum Access licences in the specified frequency bands.
- 2.2 Nothing in this UK Radio Interface Requirement shall preclude the need for equipment to comply with Directive 2014/53/EU.
- 2.3 It is required by the Wireless Telegraphy Act 2006 that no radio equipment is installed or used in the UK except under the authority of a licence granted by or otherwise exempted by regulations made by Ofcom. It is a condition of such a licence or exemption regulations as appropriate that the equipment must meet the minimum requirements specified in this UK Radio Interface Requirement for the stated frequency bands.
- 2.4 The requirements in the main body of this UK Radio Interface Requirement will apply to grants of Recognised Spectrum Access and to Converted Spectrum Access licences in the specified bands.
- 2.5 This UK Radio Interface Requirement will be revised as necessary to follow changes to the available spectrum allocated for Recognised Spectrum Access and Converted Spectrum Access licences in the specified bands covered by this Interface Requirement.
- 2.6 All UK Radio Interface Requirements notified under Directive 2015/1535/EU will be published and will be made available free of charge from the Ofcom website at <http://www.ofcom.org.uk/>.

## Section 3

# Minimum requirements for operation within the UK

- 3.1 The minimum requirements in this document are made for reasons related to the effective and appropriate use of the radio spectrum, in particular securing optimal use of the radio spectrum.
- 3.2 This UK Radio Interface Requirement gives a high level description of the requirements to be met by apparatus operating in spectrum in the UK that is held in the form of Recognised Spectrum Access and Converted Spectrum Access licences in the specified bands and forms part of the conditions applying to grants of Recognised Spectrum Access and Converted Spectrum Access licences in those bands. It does not prescribe technical interpretation of the 'essential requirements' of Directive 2014/53/EU.
- 3.3 This UK Radio Interface Requirement stipulates the necessary usage parameters for grants of Recognised Spectrum Access and Converted Spectrum Access licences in the specified bands in the UK. Table 3.1 contains the relevant usage parameters. These together with the 'essential requirements' detailed in Article 3.2 of Directive 2014/53/EU constitute the minimum requirements for grants of Recognised Spectrum Access and Converted Spectrum Access licences.
- 3.4 Recognised Spectrum Access is a form of spectrum holding that is suitable for spectrum holdings that cannot be licensed and can be made tradable. Converted Spectrum Access licences are granted to commercial bodies that acquire spectrum rights from a holder of Recognised Spectrum Access.

**Table 3.1: Minimum requirements for radio equipment in the 406.1-430.0MHz band**

Mandatory (1-9)		
1	Frequency band (or bands)	406.1 - 410.0 MHz 414.0 - 420.0 MHz 424.0 - 425.0 MHz 429.0 - 430.0 MHz
2	Radio service	Any
3	Application	Any
4	Channelling modulation	Any
5	Maximum transmit power limit	<ul style="list-style-type: none"> <li>• The maximum EIRP within the frequency bands defined in 1 above shall be 56dBm.</li> <li>• Lower EIRP values may be applied near band edges. See licence for detail.</li> </ul>
6	Channel occupation rules	N/A
7	Duplex type/separation	N/A
8	Licensing Regime	Authorisation by Ofcom
9	Additional essential requirements	N/A
Informative (10-13)		
10	Frequency planning assumptions	N/A
11	Reference	N/A
12	Remarks	N/A
13	Notification Number	

## Section 4

# Document History

Version	Date	Changes
V0.1	December 2008	New document
V 1.0	March 2009	Document published
V2.0	January 2018	Replaced R&TTE Directive 1999/5/EC and Directive 98/34/EC with Radio Equipment Directive 2014/53/EU and Directive (EU) 2015/1535 respectively. Minor editorials

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