



# Radio Spectrum Memorandums of Understanding and agreements

Publication date:

June 2017

# About this document

- 1.1 This document provides details the Memoranda of Understanding (MoUs) and Agreements entered into by Ofcom relating to cross-border radio frequency coordination and the management of interference. The information provided in this document includes:
  - Mobile Service and Broadband Wireless
  - Business Radio
  - Broadcasting Services:
    - BAND III (174-225/230 MHz)
    - BANDS IV/V (470-862 MHz)
- 1.2 MoUs define the signal power, in a specified frequency band, that may be received in a neighbour country from a station in the home country. Stations that exceed the defined power levels are coordinated directly between the administrations on behalf of the operators. MoUs do not give an absolute assurance of no interference into stations close to a border or set an absolute limit on the signal strength that may be received in one administration from a transmitter in another. They specify a trigger level, which is used to initiate a formal coordination procedure so that an administration may have knowledge of, and an opportunity to express concern about, transmitters in a neighbouring country.
- 1.3 Where they are available, recommendations published by the European Conference of Postal and Telecommunications (CEPT) typically provide a basis for the negotiation of MoUs with neighbouring administrations. It is unusual to make a separate assessment of interference between the UK and a neighbour administration. Ofcom contributes to the development of the CEPT recommendations.
- 1.4 The licensee is responsible for ensuring compliance with the terms of the MOU, Ofcom will coordinate with the neighbouring administration if the licensee is unable to comply. If requested, by a neighbour administration, Ofcom will assess the operator networks for compliance to the MoU.

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## Section 1

# Mobile and broadband services

MoUs for mobile and wireless broadband spectrum are published in the folder [international-coordination](#) on our website. At 1 July 2017 currently MoUs are:

Title	Date
<b><u>Channel Islands / France</u></b> 790-2690 MHz - LTE 900 MHz - GSM, E-GSM 900, 1800 MHz - UMTS 1800 MHz - GSM 2100 - UMTS	19 November 2014 23 June 2004 1 December 2010 16 November 2000 1 May 2011
<b><u>UK / Channel Islands / France</u></b> 2300-2400, 3400-3800 MHz	19 November 2014
<b><u>UK / France</u></b> Agreement - UK-France approval for operator planning arrangements 47-68 MHz 380-385, 390-395 MHz 410-430 MHz 790-2690 - LTE 900 MHz - GSM 900, 1800 MHz - UMTS 1800 MHz - DCS 2100 MHz - UMTS Channel Tunnel	1 November 1999 1 June 2004 1 January 2005 1 March 2008 6 March 2014 1 May 2000 1 December 2010 1 November 1998 1 December 2010 24 March 2015
<b><u>UK / Republic of Ireland</u></b> Agreement - UK-Ireland approval for operator planning arrangements 410-414, 420-424 MHz 872-876, 917-921 MHz 1785-1805 MHz 2300-2400 MHz 3400-3800 MHz 10000-10680 MHz	1 May 2005 1 October 2006 1 January 2007 1 November 2009 1 January 2010 1 April 2008 1 June 2010
<b><u>UK / Republic of Ireland / Isle of Man</u></b> 790 - 2690 MHz - Combined Land Mobile	7 July 2014

<b><u>UK / Isle of Man</u></b> 790MHz - 2170 MHz 2300 - 2400 MHz and 3400-3800 MHz	9 December 2015 9 December 2015
<b><u>UK / Multilateral</u></b> 380-385, 390-395 MHz 900 MHz - EGSM	26 September 1997 26 June 1998



MoU between the administrations of Belgium, Germany, France, Ireland, Luxembourg, The Netherlands, Switzerland, and the United Kingdom the United Kingdom concerning coordination of frequencies in the frequency bands 380-385MHz and 390-395 MHz	26 September 1997
MoU between the administrations of UK and France and is additional to the Memorandum of understanding between the administrations Belgium, Germany, France, Ireland, Luxembourg, The Netherlands, Switzerland, and the United Kingdom the United Kingdom concerning coordination of frequencies in the frequency bands 380-385MHz and 390-395 MHz	20 December 2001
MoU concluded between UK/France concerning the co-ordination of frequencies in the frequency band 410 - 430 MHz	22 January 2008
MoU between UK and Ireland on frequency coordination in the frequency bands 410-414 MHz / 420-424 MHz	September 2006

### Section 3

# Broadcasting

## **BAND III (174-225/230 MHz)**

<b>Title</b>	<b>Date</b>
RRC06 'Conditional' Administrative Declarations between the Administrations of United Kingdom and Belgium	9 June 2006
Bilateral Agreement between the United Kingdom and France concerning VHF Band III Broadcasting Services in the GE06 Plan	9 June 2006
Bilateral Agreement between the United Kingdom and The Netherlands concerning VHF Band III Broadcasting Services in the GE06 Plan	June 2006
Bilateral Agreement between UK and Ireland relating to T-DAB implementation in 209-230 MHz	9 June 2006



## BANDS IV/V (470-862 MHz)

Title	Date
GE06 Band IV/V Bilateral Co-ordination Agreement Between The Administrations of Belgium and The United Kingdom of Great Britain and Northern Ireland	14 June 2006
GE06 Band IV/V Bilateral Co-ordination Agreement Between The Administrations of France and The United Kingdom of Great Britain and Northern Ireland – <i>Revoked and replaced by the 800MHz DTT Clearance Bilateral Agreement signed on the 21<sup>st</sup> March 2012</i>	16 June 2006
GE06 Band IV/V Bilateral Co-ordination Agreement Between The Administrations of Ireland and The United Kingdom of Great Britain and Northern Ireland - <i>Revoked and replaced by the IRL/UK 800MHz DTT Clearance Bilateral Agreement signed on the 1<sup>st</sup> June 2012</i>	15 June 2006
GE06 Band IV/V Bilateral Co-ordination Agreement Between The Administrations Of The Kingdom of The Netherlands and The United Kingdom of Great Britain and Northern Ireland	14 June 2006
Agreements between the United Kingdom and Belgium, France and the Netherlands regarding transitional arrangements not covered by the Geneva 06 Regional Agreement	11 and 14 June 2006
Agreement between the United Kingdom and France regarding Points of Principle for ongoing Bilateral co-operation concerning the Switch over of Analogue and Interim DTT/TNT services to the GE06 frequency plan	16 April 2008
Bilateral Agreement for Equitable Access to UHF Channel 36 (590-598MHz) Between The Administrations of France and The United Kingdom Of Great Britain And Northern Ireland	21 August 2008
Bilateral Agreement for Equitable Access to UHF Channel 36 (590-598MHz) Between The Administrations of The Netherlands And The United Kingdom Of Great Britain And Northern Ireland	6 November 2008
Band IV/V Bilateral Co-ordination Agreement between the administrations of France and the United Kingdom of Great Britain and Northern Ireland. Revision of the Geneva 2006 Plan to facilitate Clearance of Broadcasting Services from the 790MHz – 862MHz Band	21 March 2012
Band IV/V Bilateral Co-ordination Agreement between the administrations of Ireland and the United Kingdom of Great Britain and Northern Ireland. Revision of the Geneva 2006 Plan to facilitate Clearance of Broadcasting Services from the 790MHz – 862MHz Band	1st June 2012