
Radio spectrum memoranda of understanding and agreements

UK Frequency Allocation Table

Contents

Section

Introduction	1
Mobile and broadband services	2
Business radio	4
Broadcasting	6

Introduction

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)

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.

Where they are available, recommendations published by the European Conference of Postal and Telecommunications Administrations (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.

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 with the MoU.

Mobile and broadband services

Memoranda of understanding for mobile and wireless broadband spectrum are published in the [international co-ordination](#) section on our website.

MoU title	Date
<u>Channel Islands / France</u>	
698-2690 MHz – LTE NR – PPDR - SDL	1 Feb 2021 11 July 2020
900 MHz - GSM, E-GSM	23 June 2004
900, 1800 MHz - UMTS	1 December 2010
1800 MHz - GSM	16 November 2000
2100 - UMTS	1 May 2011
<u>UK / Channel Islands / France</u>	
2300-2400, 3400-3800 MHz	19 November 2014
<u>UK / France</u>	
Agreement - UK-France approval for operator planning arrangements	
47-68 MHz	1 November 1999
380-385, 390-395 MHz	1 June 2004
410-430 MHz	1 January 2005
698-2690 – LTE NR – PPDR - SDL	1 March 2008
900 MHz - GSM	1 Feb 2021 11 May 2000
900, 1800 MHz - UMTS	1 December 2010
1800 MHz - DCS	1 November 1998
2100 MHz - UMTS	1 December 2010
Channel Tunnel	24 March 2015
<u>UK / Republic of Ireland</u>	
Agreement - UK-Ireland approval for operator planning arrangements	1 May 2005
410-414, 420-424 MHz	1 October 2006
872-876, 917-921 MHz	1 January 2007
1785-1805 MHz	1 November 2009

Radio spectrum memoranda of understanding and agreements

2300-2400 MHz	1 January 2010
3400-3800 MHz	1 April 2008
10000-10680 MHz	1 June 2010
<u>UK / Republic of Ireland / Isle of Man</u> 790 - 2690 MHz - Combined Land Mobile	1 August 2019
<u>UK / Isle of Man</u> 790MHz - 2170 MHz	9 December 2015
2300 - 2400 MHz and 3400-3800 MHz	9 December 2015
<u>UK / Multilateral</u> 380-385, 390-395 MHz	26 September 1997
900 MHz - EGSM	26 June 1998

Business radio

Memoranda of understanding for business radio spectrum are available in the [business radio](#) section of our website.

MoU title	Date
MoU between the administrations of the UK/France on the co-ordination in the 47-68 MHz Frequency band	19 March 2004
Co-ordination agreement in the 138-144MHz band between the United Kingdom and France (Paris Agreement)	29 November 1990
<p>MoU on day-to-day cross border issues between the UK and Ireland</p> <p>Low Band</p> <ul style="list-style-type: none"> • 85.0125 MHz to 86.7 MHz paired with 71.5125 MHz to 72.7875 MHz • 86.7125 MHz to 86.70 MHz paired with 76.7125 MHz to 77.9875 MHz • 81.7 MHz to 83.5 MHz paired with 68.2 MHz to 70.0 MHz <p>Mid Band</p> <ul style="list-style-type: none"> • 162.05 MHz to 169.0375 MHz paired with 157.45 MHz to 160.5375 MHz <p>High Band</p> <ul style="list-style-type: none"> • 165.05 MHz to 169.8375 MHz paired with 169.85 MHz to 173.05 MHz <p>UHF 2</p> <ul style="list-style-type: none"> • 453.0125 MHz to 456.9875 MHz paired with 459.5625 MHz to 462.4 MHz 	11 August 1999
GE06 Agreement between the UK and Belgium – Band III	8 June 2006
GE06 Agreement between the UK and France – Band III	8 June 2006
GE06 Agreement between the UK and Netherlands – Band III	8 June 2006
MoU concluded between the administrations of France and The United Kingdom for the frequency co-ordination in the bands 380-385MHz and 390-395 MHz applicable in the area including the Channel Islands and France	1 January 2002
MoU between the administrations of Belgium, Germany, France, Ireland, Luxembourg, The Netherlands, Switzerland, and the United Kingdom the	26 September 1997

Radio spectrum memoranda of understanding and agreements

United Kingdom concerning coordination of frequencies in the frequency bands 380-385MHz and 390-395 MHz	
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	19 September 2006

Broadcasting

Memoranda of understanding for broadcasting spectrum are available on [our website](#).

Band III (174-225/230 MHz)

MoU title	Date
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	9 June 2006
Bilateral Agreement between UK and Ireland relating to T-DAB implementation in 209-230 MHz	9 June 2006
Bilateral agreement between the administrations of the United Kingdom (G) and the Netherlands (HOL) regarding the incoming interference from low-powered DAB services	14 September 2019 21 September 2019

Bands IV/V (470-862 MHz)

MoU 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 21st 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 1st 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

Radio spectrum memoranda of understanding and agreements

MoU title	Date
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
Band IV/V Bilateral Co-ordination Agreement between the administrations of Belgium 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	27 March 2013
Memorandum of Understanding to co-ordinate DTT frequency plans between The Office of Communications of the United Kingdom of Great Britain and Northern Ireland and The Commission for Communications Regulation of Ireland to facilitate the migration of existing DTT services out of the 694 – 790 MHz radio frequency band (“700 MHz band”) in both jurisdictions	24 March 2017
Memorandum of Understanding for the use of channel 55 and channel 56 in the UK during the 700 MHz band clearance transition period between the Office of Communications of the United Kingdom of Great Britain and Northern Ireland and The Commission for Communications Regulation of Ireland	24 March 2017
Bilateral co-ordination agreement between the administrations of the Kingdom of the Netherlands and the United Kingdom of Great Britain and Northern Ireland facilitate the migration of existing DTT services out of the 694 – 790 MHz radio frequency band (“700 MHz band”) in both countries	September 2017

Radio spectrum memoranda of understanding and agreements

MoU title	Date
Bilateral agreement between the administrations of the United Kingdom (UK) and the Netherlands (HOL) regarding the use of channel 55 and 56 in the UK during the 700 MHz band clearance transition period	September 2017
Band IV/V Bilateral co-ordination agreement between the administrations of France and the United Kingdom of Great Britain and Northern Ireland to facilitate the migration of existing DTT services out of the 694 – 790 MHz radio frequency band (“700 MHz band”) in both countries	7 December 2017
Bilateral agreement between the administrations of the United Kingdom (UK) and France (F) regarding the use of TV channels 55 (742-750 MHz) and 56 (750-758 MHz) in the UK during the 700 MHz band clearance transition period	7 December 2017
Bilateral agreement between the administrations of the United Kingdom (UK) and the administrations of Belgium (BEL) to facilitate the migration of existing DTT services out of the 694 – 790 MHz radio frequency band (“700 MHz band”) in both countries	3 October 2018 5 / 8 / 9 / 24 October 2018