

## Frequently Asked Questions about 5.8 GHz Band C

### What services may use 5.8 GHz Band C?

The band at 5725 MHz to 5850 MHz (Band C) can be used for the Fixed Wireless Access (FWA) services, with particular application in areas where broadband is unavailable through standard delivery platforms. FWA operating at band C can be used to provide broadband services to a range of business, private and public users.

### What kind of equipment can I deploy in band C?

You can install and use CE compliant equipment that meets the spectrum requirements described in interface requirement IR 2007. You can download IR 2007 from the Ofcom website.

### How do I get equipment approved for the UK?

Ofcom does not approve equipment for the market. Under UK law it is the responsibility of the manufacturer or the person who places the equipment on the market to ensure that it is compliant and to provide adequate information to the user on its intended use.

### Can Ofcom advise me on the availability of equipment, systems and technical solutions?

No. Ofcom does not offer technical solutions. As a regulator we cannot endorse or recommend any individual companies or their products.

### Do I need a licence to use Band C?

Yes, you need to apply for a licence using form OFW86 which you can download from the Ofcom website, complete this form and post it to us.

### How do I register my 5.8 GHz terminals?

Once you apply for a licence you will be supplied with login details to enable you to access the 5.8 GHz online registration system. **Please note that registration is compulsory for all 5.8 GHz terminals installed.**

### What is the licence fee?

The fee is £1 per terminal, subject to a minimum fee of £50 per licence, renewable annually.

### Is there a maximum limit to how many terminals I can have on one licence?

No

### Is Band C available throughout the UK?

Yes, access to 5.8 GHz band C for FWA users is currently permitted on secondary basis, provided that no interference is caused to the primary users in the band. However, Ofcom reserves the right to introduce geographic exclusion zones, if this becomes necessary to protect the primary users in band C.

### Will there be a review of this service?

Yes, but we will consult stakeholders on any proposed changes.

### If this is a deregulated band why do users have to register and pay?

This band is already in use by other services, including weather and military radars. Under a normal licence-exempt regime, it would not be possible for Ofcom to provide adequate protection for these services while permitting the higher power levels needed for provision of a viable fixed wireless access service on a shared basis. Therefore Ofcom has put in place a light - licensing regime. This regime requires a minimum payment and registration.

### What is the quality of spectrum in this band?

We have a duty to protect the primary users in this band, but 5.8 GHz licensees are allowed to share use of the band, provided interference is not caused to the primary users. If you receive interference from other FWA users, it is up to you to resolve these problems with them. Ofcom

will not protect 5.8 GHz users from interference. However, if interference comes from an illegal source, Ofcom will investigate and take appropriate action.