

# DFS Testing

Radio equipment operating in the 5250-5350 MHz, the 5470-5725 MHz and the 5725-5850 MHz bands, is required to employ DFS (Dynamic Frequency Selection). The European Union, the FCC and also regulatory bodies of other international markets have established DFS requirements in this frequency range.



## ABOUT DFS

DFS is the mechanism for devices to select or change dynamically the operating frequency and so to avoid co-channel operation with radar systems.

## REGULATORY FRAMEWORK

To manage this frequency range, certain DFS requirements were established. The requirements have been published in the relevant rule parts for BRAN (Broadband Radio Access Networks)/ RLAN (Radio Local Area Network) respectively UNII (Unlicensed National Information Infrastructure) devices:

- Europe (ETSI EN 301 893 and ETSI EN 302 502)
- United States of America (Title 47, §15.407)
- Canada (RSS-247)
- Japan (Article 2 Paragraph 1 of Item 19-3-1/19-3-2)

## OUR APPROVAL SERVICES FOR YOU AT A GLANCE:

- Notified Body Services - Europe
- Telecommunication Certification Body Services - USA
- Foreign Certification Body Services - Canada
- Registered Certification Body Services - Japan

You are interested in launching your product in any other international market?

- No matter, if from A as Australia to Z as Zimbabwe...

**We will find the best possible solution for you!**

## WHAT MAKES CTC ADVANCED'S DFS-SERVICES SO SPECIAL TO YOU?

- Automated test bench guarantees reliable test results
- Minimized test duration and flexible testing times
- Short lead times

### • All DFS services under one roof:

#### Consulting:

Discuss your special requirements with our experts!

#### Testing:

Use our comprehensive DFS testing facilities!

#### Certification:

Handle your international market launch with our certification experts!



## FURTHER QUESTIONS?

We would be pleased to answer all your arising questions. Just give us a note: [mail@ctcadvanced.com](mailto:mail@ctcadvanced.com)

**CTC ADVANCED IS YOUR PARTNER FOR DFS TESTING & APPROVAL**