

[Netherlands]

Questionnaire on cross-border agreements (EU and non EU) in the 3.4-3.8 GHz band

5G / MFCN cross-border agreements:

- Do you have some MFCN use which is not in conformity with EU decision (xx) and when this legacy use is expected to switch-off?

No

- What are the status of cross-border agreements applicable to 5G/MFCN in the 3.4-3.8 GHz with each of neighbouring countries (EU and non EU)? Do these agreements include elements regarding synchronization and frame structures? Is there a difficulty regarding the synchronisation with legacy MFCN networks (e.g. WiMax)?

There is a cross-border agreement for the 3,4-3,8 GHz band with neighbouring countries. This agreement doesn't include elements regarding synchronisation and frame structures, but these are possible under additional bilateral agreements.

- How the risk of interference from 5G base station to 5G base station at the border is addressed? Is there any procedure for the case when real interference occurs (e.g. method of measurement, exchange of information, common measures, etc)?

The basis is different field strength limits for synchronised and un-synchronised networks. The HCM agreement is used for field strength calculation s and in case of interferences.

5G / others services cross-border agreements:

- Could you describe the elements of cross-border agreements regarding the coexistence between 5G and other services in the 3.4-3.8 GHz band, (concerned services, coexistence method, expected impact on 5G deployment ...)?

The protection of other services will be dealt with in additional bilateral agreements to the cross-border agreement. We discuss with Germany such an agreement. Elements are coordination/notification status, protection field strength, possible switch off date.

Cross border negotiation difficulties (EU and non EU)

- Do you meet any difficulty in current cross border negotiations (EU and non EU)?

No

- Could such difficulty impact 5G deployment and why?

We expect a limited impact on the 5G deployment.