

## 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?

3400-3600 MHz band use based on ECC/REC(04)05, expires 21.12.2022 and will be auction together with 3600-3800 MHz which is already assign for MFCN.

- 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)?

The new agreements (with EU countries) are expected to be signed this year. Agreements refer to synchronised and non-synchronised frequency usage but not to the frame structure. The coordination agreements refer to the wideband communications systems as defined in ECC DEC(11)06. No agreement in C band with non EU country (Russia).

In the following we describe the proposed agreement with EU countries.

- 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)?

Any case of interference shall as far as possible be resolved among the operators concerned. If not resolved, assistance might be sought from the administrations.

### 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 ...)?

Preferential PCIs (for LTE and 5G NR) and SCs (for UMTS), field strength threshold @border line and @6 km inside the neighbouring country.

### Cross border negotiation difficulties (EU and non EU)

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

NO. Discussion in C band has not yet started with non EU countries (Russia) and could affect 5G deployment in northern part of Norway.

- Could such difficulty impact 5G deployment and why?

Yes – the lack of coverage in the border areas