

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

### Cyprus Response

#### 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, we don't have.**

- 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)?

**We don't have any cross-border agreements applicable to 5G/MFCN in the 3.4-3.8 GHz.**

- 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)?

**We don't have land border with any other country. According to relevant ECC reports/recommendations interference can occur if the base stations in the 3.4-3.8 GHz band are less than 60km far. All our neighboring countries are located more than 60 km.**

#### 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 ...)?

**N/A**

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

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

**N/A**

- Could such difficulty impact 5G deployment and why?

**N/A**