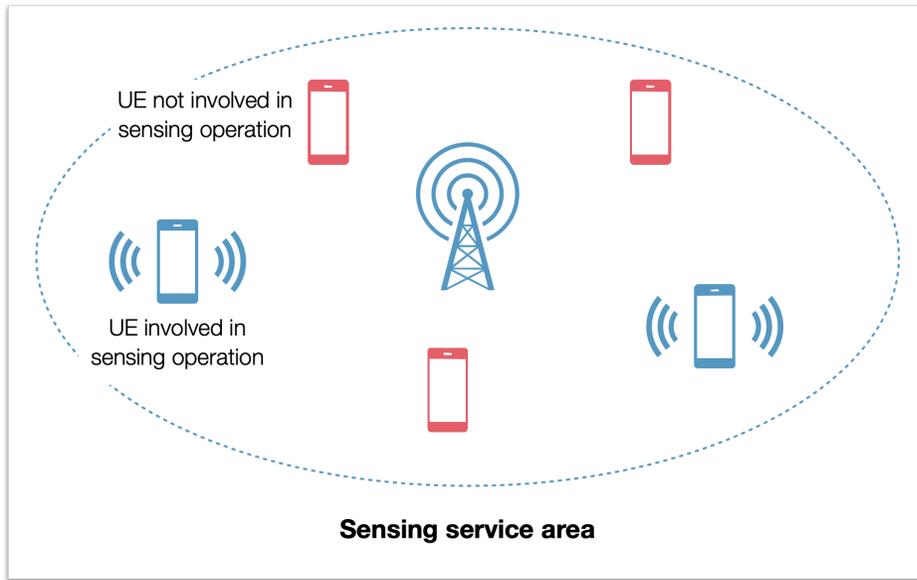


Proposal for Sensing Notifications

Source: Apple, BMWK, vivo

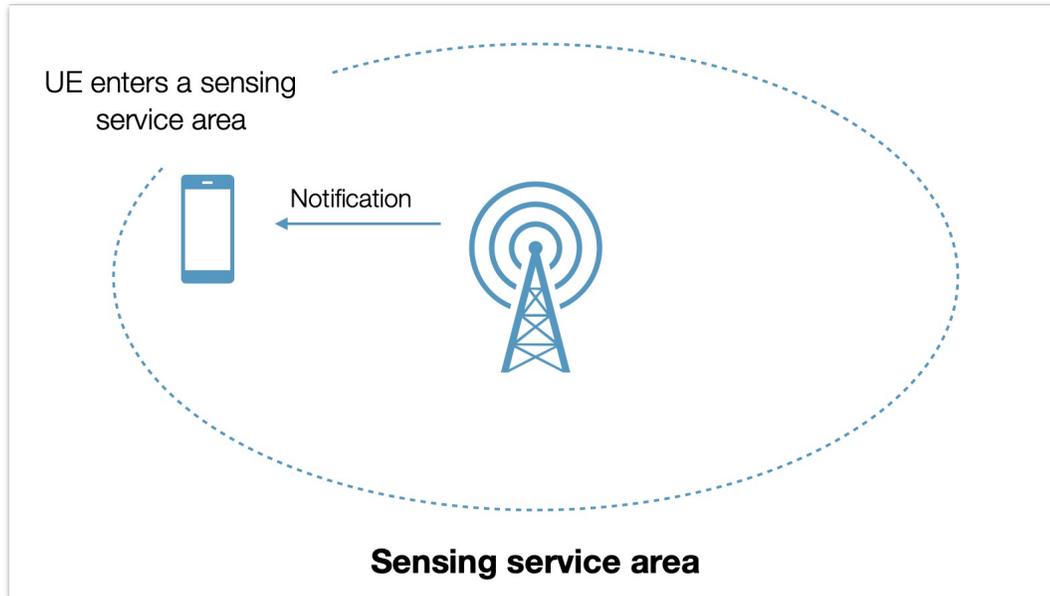
Problem statement

When a sensing operation is active in a certain area, only the 3GPP network and any UEs involved in the sensing operation would be aware of the sensing operation



- The (human) user needs to be aware if a sensing operation that may affect the user's privacy is active in the area where the user is located
- This is analogous to the video surveillance scenario, where visual notifications are placed in the area where video surveillance is active

Scenario #1: UE enters a sensing service area



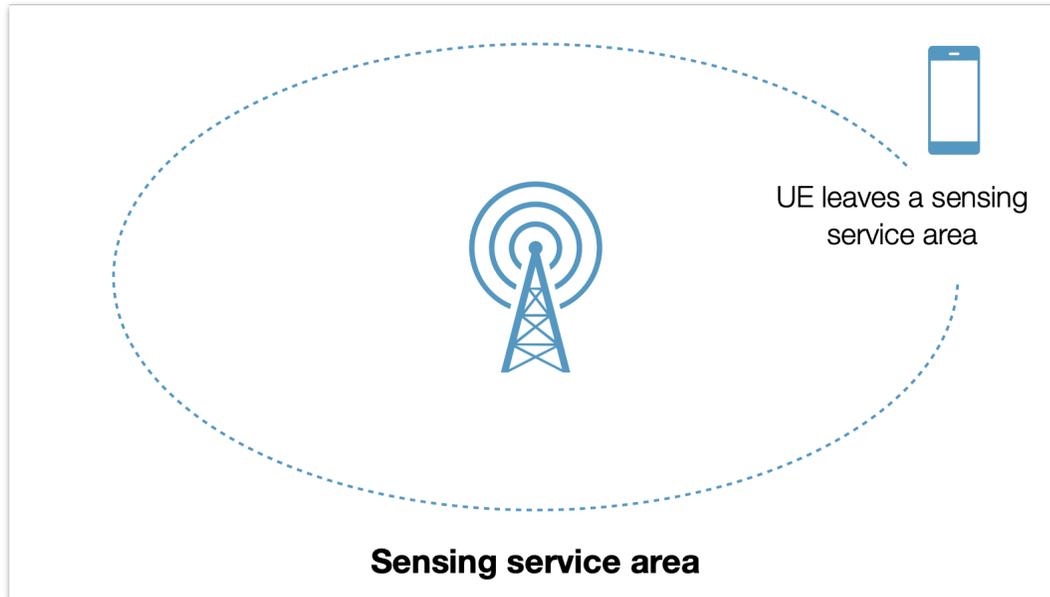
PRECONDITIONS

- A. The UE is connected to the 5G network
- B. The UE is in an area where there is no active sensing operation

SERVICE FLOW

1. The UE enters an area where a sensing operation is active
2. The 5G network informs the UE that a sensing operation is active in the area
3. The UE can provide a notification to the user about the sensing operation

Scenario #2: UE leaves sensing service area



PRECONDITIONS

- A. The UE is connected to the 5G network
- B. The UE is in an area where a sensing operation is active

SERVICE FLOW

1. The UE leaves to another area where no sensing operation is active
2. The UE no longer receives information about the sensing operation
3. The UE no longer provides notification to the user

Proposal

 To introduce a new requirement:

- Subject to regulatory requirements, the 5G network shall support a mechanism to inform a UE within a target sensing service area, regardless of whether the UE is involved in the sensing operation, that a sensing operation is active