

Qualcomm

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Multicast-Broadcast in Rel-17



Background

- In current SA2 study for multicast-broadcast (SP-190442), two groups or objectives are identified:
 - Multicast-broadcast services
 - Mapping to RAN would be **mixed mode**
 - Interaction with unicast, V2X, public safety,
 - TV video and radio services
 - Mapping to RAN would be **terrestrial broadcast**
 - Downlink-only, receive-only mode, free to air

Proposal for RAN-SA alignment

- The SA study for multicast-broadcast (FS_5MBS) should be considered when defining the Rel-17 RAN work items.
- The mapping between objectives in FS_5MBS and RAT should be as follows:
 - **Multicast-broadcast services:** NR, eMTC and NB-IoT.
 - **TV video and radio services:** Dedicated broadcast based on LTE



Thank you

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