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(54) Title: UPLINK CHANNEL PROFILE MEASUREMENT FOR MACHINE LEARNING POSITIONING

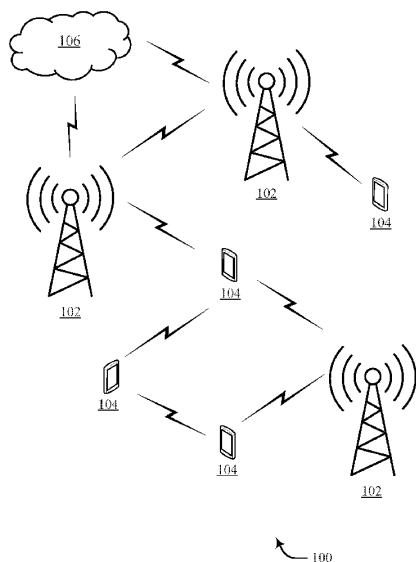


Figure 1

(57) Abstract: Various aspects of the present disclosure relate to uplink channel profile measurement for machine learning positioning. An apparatus, such as a NE, receives from a positioning equipment, a measurement configuration to conduct one or more uplink channel sample-based measurement profile measurements on a reference signal. The NE transmits, to the positioning equipment for a positioning estimation, the uplink channel profile measurements performed on the reference signal based on the measurement configuration. A positioning equipment transmits, to a NE, a measurement configuration to conduct one or more uplink channel sample-based measurement profile measurements on a reference signal. The positioning equipment receives, from the NE, the uplink channel profile measurements performed on the reference signal based on the measurement configuration. The positioning equipment performs a positioning estimation based on the uplink channel profile measurements, and determines a location of a UE based on the positioning estimation.

[Continued on next page]

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