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(54) Title: METHODS, ARCHITECTURES, APPARATUSES AND SYSTEMS FOR NEW RADIO (NR) UU PHASE-BASED POSITIONING

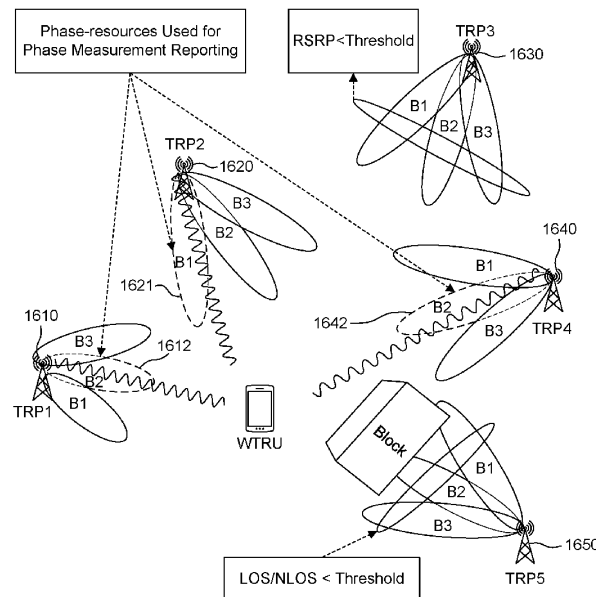


FIG. 16

(57) Abstract: Procedures, methods, architectures, apparatuses, systems, devices, and computer program products for, and/or directed to new radio (NR) Uu phase-based positioning are described. A method may be implemented in a WTRU. The method may include receiving configuration information indicating (i) a set of resources for phase measurements and (ii) a line-of-sight (LOS) condition for reporting the phase measurements. The method may further include obtaining LOS values associated with the set of resources for phase measurements, determining, based on the LOS values, one or more resources from the set of resources for which the LOS condition may be satisfied, and transmitting reporting information indicating one or more phase measurements associated with the one or more resources for which the LOS condition is satisfied.

[Continued on next page]

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