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(54) **METHOD AND APPARATUS FOR
PERFORMING MEASUREMENT IN
NON-TERRESTRIAL NETWORK**

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(57) **ABSTRACT**

A method and apparatus for measurement in non-terrestrial network is provided. The method includes receiving a measurement object configuration comprising a first SMTC and a third SMTC list, setting up a first SS/PBCH block timing configuration for said measurement object based on the first SMTC, setting up additional SS/PBCH block timing configurations based on the first SMTC and the third SMTC list for the cells indicated in said pci-List parameter and deriving a measurement result based on the SS/PBCH block.

