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1 Scope

The present document captures the findings of the study item, “Study on channel model for frequency spectrum above 6 GHz” [2]. The purpose of this TR is to help TSG RAN WG1 to properly model and evaluate the performance of physical layer techniques using the above-6GHz channel model(s).

This document relates to the 3GPP evaluation methodology and covers the modelling of the physical layer of both Mobile Equipment and Access Network of 3GPP systems.

This document is intended to capture the channel model(s) for frequencies above 6 GHz up to 100GHz.

The present document is no longer maintained. For 5G channel models in releases greater than release 14 refer to 38.901 [19].

2 References

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[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TD RP-151606: "Study on channel model for frequency spectrum above 6 GHz ".

[3] 3GPP TR 36.873 (V12.2.0): "Study on 3D channel model for LTE".

[4] 3GPP RP-151847: “Report of RAN email discussion about >6GHz channel modelling”, Samsung

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