

# Way Forward for RMa model frequency range

**R1-165732**

replacing R1-164975

# Background

- Measurements were collected at 24 GHz in a rural macro environment and were found to agree with the existing RMa macro (R1-164975)
- Based on this measurement campaign, the applicability of the model can be extended to 30 GHz
- It was requested that the limitations of the measurement campaign be recorded

# Way forward proposal

**Proposal:** Extend the applicability of the RMa model to 30 GHz for pathloss, noting that:

- Angle of arrival spread has also been validated to 30 GHz
- All other fast fading aspects remain applicable to 7 GHz
- Pathloss and angle of arrival spread model validation above 7 GHz is based on a single measurement campaign conducted at 24 GHz