**Correction of the document GRE/2021/10**

This informal document is correction of the official proposal (GRE/2021/10) and the correction is highlighted in yellow.

 **I. Proposal**

*Annex 4 - Appendix 1, Figure 1,* amend to read:

Vehicle axis positioned on
normal from antenna midpoint

Vehicle under test

Centre of 30 m radius
(20m for 3 m measurements)
clear area at midpoint
between reference antenna
and nearest part of the
vehicle body

Reference antenna

15 m min radius
(10 m for 3 m measurements)

Permitted region for

measuring equipment

(in hut or vehicle)

10,0 m ± 0,2 m
(3,00 m ± 0,05 m
for 3 m measurements)

*Annex 6, Paragraph 3.3.4.,* amend to read:

"3.3.4. Either at 1.0 ± 0.2 m behind the vertical centreline of the vehicle's front **wheel(s)** (point C in Figure 1 of Appendix 1 to this annex) in the case of three-wheeled **or four-wheeled** vehicles.

 Or at 0.2 ± 0.2 m behind the vertical centreline of the vehicle's front wheel (point D in Figure 2 of Appendix 1 to this annex) in the case of two-wheeled vehicles."

 **II. Justification**

1. There is missing alternative 3 m antenna distance in the Figure 1 of Annex 4 Appendix 1 of the Regulation.
CISPR 12 prescribes alternative 3 m antenna distance in note below the figure: *The 10,0 m ± 0,2 m dimension may be changed to 3,00 m ± 0,05 m in accordance with 5.2.3.2 and 5.2.3.4.*
The proposal formally corrects the Figure.
Note: Correction in Figure: "10,0 m ± 0,2 m **(3,00 m ± 0,05 m for 3 m measurements)**"

2. Paragraph 3.3. of annex 6 prescribes reference point for category L vehicles for immunity of vehicles to electromagnetic radiation, but paragraph 3.3.4. specifies reference point for two and three-wheeled vehicles only. Reference point for category L6 and L7 defined in R.E.3 is not covered, and test setup is not clear. Category L2, L5 vehicles can have two front wheels, by analogy the same test setup is proposed for category L6, L7 vehicles.

References to R.E.3:
2.1.6. "Category L6": A vehicle with four wheels whose unladen mass is not more ...
2.1.7. "Category L7": A vehicle with four wheels, other than that classified for the category L6...

References to the relevant Figure in the Regulation.

|  |
| --- |
| Annex 6 - Appendix 1, Figure 1 (three-wheeled vehicles) |
|  |