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AMENDMENT 1
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Road vehicles — Component test methods for electrial disturbances from narrowband radiated electromagnetic energy —

Part 7: Direct radio frequency (RF) power injection

AMENDMENT 1

Véhicules routiers — Méthodes d'essai d'un équipement soumis à des perturbations électriques par rayonnement d'énergie électromagnétique en bande étroite — Partie 7: Injection directe de puissance aux fréquences radioélectriques (RF) — AMENDEMENT 1

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The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electric and electronic equipment*.

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Part 7:
Direct radio frequency (RF) power injection

AMENDMENT 1

Page 11, Annex B

Replace the whole of Annex B with the following:

Annex B
(informative)

Function performance status classification (FPSC)

B.1 General

This annex gives examples of test severity levels which should be used in line with the principle of functional status classification (FPSC) described in ISO 11452-1.

B.2 Classification of test severity level

Example of test severity levels for direct power injection are given in Table B.1.

Table B.1 — Example of test severity levels (direct power injection – 50 Ω system)

Frequency band (MHz)	Test Level I (W)	Test Level II (W)	Test Level III (W)	Test Level IV (W)	Test Level V (W)
1 to 30	0,2	0,2	0,3	0,4	Specific values agreed between the users of this part of ISO 11452
30 to 200	0,2	0,3	0,4	0,5	
200 to 400	0,3	0,4	0,4	0,5	
NOTE Frequency bands and test levels values given in this table are examples.					

B.3 Example of FPSC application using test severity levels

Each DUT and its function(s) need to be evaluated prior to test. The category of the DUT function(s), test severity level(s), and response criteria should then be agreed upon between the supplier and vehicle manufacturer. This information should be documented in the test plan and used for determination of DUT acceptance upon completion of the testing and evaluation of the test results.

An example of severity levels is given in Table B.2.

Table B.2 — Example of test severity levels (direct power injection – 50 Ω system)

Test Severity Level	DUT Function Category 1	DUT Function Category 2	DUT Function Category 3	DUT Function Category 4
L4i	Level IV	—	—	—
L3i	Level III	Level IV	—	—
L2i	Level II	Level III	Level IV	—
L1i	Level I	Level II	Level III	Level IV