



International Amateur Radio Union

Region 1

Working for the future of amateur radio

Dear Colleagues,

Proposed CISPR Standard on Wireless Power Transmission for Electric Vehicles

This mail is important. If your society is in one of the countries listed at the bottom of this email, **please read the mail carefully and take action as described below.**

The radio spectrum is now at significant risk from the impact of “Wireless Power Transmission for Electric Vehicles - (WPT(EV))”. Amateur radio in particular will be seriously damaged by the effects of spurious emissions from WPT(EV) systems unless proper standards are agreed to limit these emissions. There is a short background presentation on WPT(EV) which can be downloaded from <https://www.iaru-r1.org/reference/resources-for-member-societies/standard-presentations/>

CISPR, the global standards organisation, has been working on emission limits for WPT(EV) for some time. IARU has been actively involved. A draft standard is now being distributed by CISPR to the National Committees for voting – the proposed standard is referenced CIS/B/737/CDV.

The standard has been developed under significant pressure from manufacturers and in IARU’s view, is defective in a number of areas. It fails to set emission limits that will protect radio services and, given the high duty cycle, high power levels, widespread projected deployment and harmonics of WPT(EV) systems, will cause serious harm to the radio spectrum. The draft has been reviewed by members of the Region 1 EMC Committee, who share this view.

It is therefore very important that your country’s National Standards Committee (the people who will vote on this draft) receives your input on these concerns quickly, before they consider their decisions on voting.

Please will you take the following action, in partnership with your EMC specialists:

- a) Speak with your EMC specialist if you have one and review the Draft Standard and the IARU commentary on the draft (attached) and satisfy yourself that you agree with what is said.
- b) Add your society’s name in the highlighted box on the commentary sheet attached
- c) If you feel able to change the English in the commentary sheet, so that it is not identical to IARU, that would be helpful – comments carry more weight if they are not simply copies.
- d) Submit the commentary sheet plus a covering letter to your National Standards Committee or representative. An example of a covering letter is included below, but please try to change the words a little so that each letter is different. Submit the letter and the commentary sheet to your national standards committee at the email address which you can find at the website of your National Committee via <https://www.iec.ch/dyn/www/f?p=103:5:0>
- e) If you are a member of your national standards committee, please attend the meeting where this will be discussed and argue for a negative vote



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I cannot over-emphasise the importance of this. This is our only opportunity to encourage a negative vote on the draft. **Please take action quickly now.**

73

Don Beattie, G3BJ
2020
President IARU Region 1

February



International Amateur Radio Union Region 1

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Region 1 Countries in CISPR

Czech Republic
Côte D'Ivoire
Denmark
Egypt
Estonia
Finland
France
Georgia
Germany
Greece
Hungary
Iceland
Ireland
Israel
Italy
Jordan
Kazakhstan
Kenya
Kuwait
Latvia
Lithuania
Luxembourg
Malta
Moldova
Montenegro

Morocco
Netherlands
Nigeria
North Macedonia
Norway
Oman
Poland
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Qatar
Romania
Russian Federation
Saudi Arabia
Serbia
Slovakia
Slovenia
South Africa
Spain
Sweden
Switzerland
Tunisia
Turkey
Uganda
United Arab Emirates
United Kingdom

Draft: Letter to National Standards Organisation from IARU National Society

Dear Sirs,

CISPR CIS/B/737/CDV

I write on behalf of [name of the IARU national society] to provide input to your national EMC standards committee on the above CISPR draft which is currently being circulated for voting.

The International Amateur Radio Union, of which my society is a member, has been actively involved in the work to discuss possible emission limits for Wireless Power Transmission for Electric Vehicles.

It is clear from studies carried out that the levels of spurious emissions implicit in the draft standard completely fail to protect nearby radio receivers, as used by the amateur, broadcasting and land mobile services.

The limits claim to have been derived by the application of CISPR 16-4-4, but as is seen from the attached schedule of comments, these do not seem to have been applied correctly in several cases. Please note also that the International Telecommunication Union, the UN agency responsible for the radiofrequency spectrum, has expressed its concerns as well.

I am inviting your committee to review the comments which I have attached, and to register a negative vote with CISPR, citing the reasons in the attached schedule.

Regards,