



# 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



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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  
Portugal  
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,