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| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP 1A | **Document No:** USWP1A23\_08\_FS - WD PDR Report SM.2451 on WPT-EV |
| **Ref:** ITU-R SM.2451  | **Date:** 27 January 2021 |
| Document Title: Continuation of previous US contribution to update the “Working Document Towards a Preliminary Draft Revision of Report ITU-R SM.2451”, Assessment of impact of wireless power transmission for electric vehicle charging on radiocommunication services. |
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| **Purpose/Objective:** Proposal to finish corrections, clarifications, and updates to SM.2451-0 including the previously contributed new appendix with a recent study on impact of WPT-EV on amateur radio performed on an OATS. Subsequently the working document towards a preliminary draft should be elevated for adoption. |
| **Abstract:** The United States Delegation to WP1A contributed to the June 2020 meeting that was subsequently postponed until November 2020. The contribution included the addition of a new study included in Annex 12 as well as some corrections and clarifications in the report SM.2451. Due to the limited meeting time to finalize the working document, the meeting determined that work should continue on the *Working Document Towards a Preliminary Draft Revision of Report ITU-R SM.2451-0*.This document proposes updates in-line with the previous U.S. contribution and proposes the following, in addition to other editorials and clarifications:* Noting that a primary point of discussion in the document is the main body text describing the results of various studies; this document proposes revised main body text to provide a well-balanced summary of the various studies – including background, results, AND limitations of the studies.
* Noting that some have expressed question or concern about the background environmental noise levels in the Annex 12 study and whether they represent typical conditions; this document proposes to add information to the Annex 12 study about additional data collected regarding the background environmental noise levels at the test site. Some of this data has already been available and some is planned to become available during the US WP1A discussion on this contribution.

For the benefit of the U.S. Delegation, additional information is provided in the attached document. This was also agreed upon by the attending interested U.S. November 2020 delegates to WP1A. This information can be used by the U.S. Delegation to assist in discussions and to make any additional clarifications deemed necessary by the next meeting. |