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| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP1A | **Document No:** USWP1A-05\_FD\_Rpt\_SM.2303 (Non-Beam WPT) |
| **Ref:** Annex 1 to WP1A Chairman’s Report (1A/226-E)  | **Date:** 1 March 2023 |
| Document Title: Proposed revisions to Preliminary Draft Revision of Report ITU-R SM.2303-3 |
| **Author(s)/Contributors(s):**Dan ManserghApple Inc. | **Email**: dmansergh@apple.com**Phone**: 408-974-4419 |
| **Purpose/Objective:** Elevate to Draft Revision in anticipation of consideration at SG1 |
| **Abstract:** This contribution proposes to make only minor editorial changes to the document to elevate to Draft Revision status. The content was already approved by WP1A at the last meeting and the draft is stable. |

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| **Radiocommunication Study Groups** |  |
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| Received: Date 20xxSubject: Report ITU-R [SM.2303-3](https://www.itu.int/pub/R-REP-SM.2303) | **Document XX/-E** |
| **Date 20xx** |
| **Original: English** |
| United States of America |
| draft revision of RePORT ITU-R SM.2303-3 |
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**Background**: Report ITU-R SM.2303-3, *Wireless power transmission using technologies other
than radio frequency beam,*was updated to its latest version in 2021. This document, first published in 2014, originally contained all the information important to administrations considering non-beam WPT applications and compatibility studies for both electric vehicles and mobile and portable devices. As WPT has evolved, additional ITU-R Reports and Recommendations have been developed to focus on the various spectrum management considerations of different applications. This requires further updates to Report ITU-R SM.2303-3 to ensure it remains consistent with the other documents.

Participants in recent meetings of WP1A have proposed multiple updates and improvements to Report ITU-R SM.2303-3. Through these contributions the document has now reached a mature state and was elevated to Preliminary Draft Revision status at the June-July 2022 meeting of WP1A.

**Proposal**: The United States proposes that minor editorial changes included in the Attachment be adopted. It further proposes that Working Party 1A elevate the amended Report ITU-R SM.2303-3 to Draft Revision status and forward to Study Group 1 for further consideration and approval.

**Attachment**: Draft Revision to Report ITU-R SM.2303-3 (Excerpted, with proposed changes highlighted in yellow).

Attachment

Draft Revision of
REPORT ITU-R SM.2303-3

Wireless power transmission using technologies other
than radio frequency beam

(Question ITU-R 210-4/1)

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## 7.5 Frequency range 1 700–1 800 kHz for WPT for mobile and portable devices

Further studies pursuant to Recommendation ITU-R [SM.2129](https://www.itu.int/rec/R-REC-SM/recommendation.asp?lang=en&parent=R-REC-SM.2129) ‘Guidance on frequency ranges for operation of non-beam wireless power transmission systems for mobile and portable devices’ can be found in Report ITU-R SM.2449.

## 7.6 Frequency range 2 000–2 170 kHz for WPT for mobile and portable devices

Further studies pursuant to Recommendation ITU-R [SM.2129](https://www.itu.int/rec/R-REC-SM/recommendation.asp?lang=en&parent=R-REC-SM.2129) ‘Guidance on frequency ranges for operation of non-beam wireless power transmission systems for mobile and portable devices’ can be found in Report ITU-R SM.2449.

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