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| U.S. Radiocommunications Sector  Fact Sheet | |
| **Working Party:** ITU-R WP1A | **Document No:** USWP1A-05\_FS |
| **Ref: Recommendation ITU-R SM.2129-1** | **Date:** 11 February 2026 |
| Document Title: Working Document Towards a Preliminary Draft Revision of Recommendation ITU-R SM.2129-1 | |
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| **Purpose/Objective:** Initiate a revision of Recommendation ITU-R SM.2129-1 that adds the 27.120 MHz ISM band to Table 1 of the Recommendation | |
| **Abstract:** Recommendation ITU-R SM.2129-1 provides guidance on frequency ranges for non-beam wireless power transmission (WPT) for mobile and portable devices. Table 1 currently lists several ISM bands designated under RR No. 5.150 for such applications.  The band 26.957–27.283 MHz (center frequency 27.120 MHz) is already explicitly designated in RR Article 5.150 as an ISM band with the same characteristics and status as the existing 13.553–13.567 MHz entry in Table 1 (center frequency 13.560 MHz).  Consistent with the treatment of other ISM bands in Recommendation SM.2129 (which carry no formal protection from interference and therefore did not require detailed coexistence studies), this contribution proposes to add a new row to Table 1 for the 26.957–27.283 MHz band, using identical format, technology description, and note as the existing entry for 13.553–13.567 MHz:  Proposed addition to Table 1: Frequency range: 26 957–27 283 kHz Non-beam WPT technologies: Inductive or magnetic resonance technology Note: See RR No. 5.150. In addition, *recognizing* e) could be amended.  This is a straightforward, precedent-based update that aligns with the existing structure and treatment of ISM bands in the Recommendation. No new technical studies are proposed, consistent with the approach taken for prior ISM-band additions.  Initiation of a working document towards a preliminary draft revision of Recommendation ITU-R SM.2129-1 is proposed. | |