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| U.S. Radiocommunications SectorFact Sheet |
| **Working Party:** ITU-R WP 5C | **Document No:** USWP5C23\_08\_FS |
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| **Document Title:** Proposal for editorials to the Preliminary draft new Report ITU-R F.[CSA] - Technical and operational characteristics of radio frequency central alarm systems operating in the fixed service in the frequency range 450-470 MHz |
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| **Purpose/Objective:** This contribution is intended to educate the Fixed Service (FS) community regarding mesh network systems used for central station radio frequency mesh networks in the 450-470 MHz frequency band. Technical and operational characteristics of fixed service radio frequency mesh network systems in this band are presented |
| **Abstract:** This document presents a description, technical and operational characteristics of fixed service central station radio frequency mesh network systems. It gives an example of the implementation of this system in the United States and suggests that other administrations may have differing regulatory rules. Although this document should be brought to a close, several editorials were suggested by one administration at the November 2020 meeting of WP 5C without resolution as to the final form of the document. The issues raised on the antenna type and gain are addressed in this version as well as how the performance criterion is applied. |