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15. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here.) This report presents an assessment of three candidate bands (216-225, 400.15-406, and 420-450 MHz) for the potential accommodation of Wind Profilers nationally, with consideration worldwide. The approach used to evaluate each band was based on two major factors: conformance to current regulations and electromagnetic compatibility (EMC). This report addresses current regulations, spectrum usage, and analyzes the EMC between two types of Wind Profilers and specific environmental systems for potential accommodation in three candidate bands. The results of this study can serve to indicate a suitable band and identify potential frequencies within that band to accommodate Wind Profiler operations.				
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