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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23)Dubai, 20 November - 15 December 2023** |  |
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| PLENARY MEETING | **Document 82-E** |
|  | **20 October 2023** |
|  | **Original: English** |
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| Madagascar (Republic of) |
| PROPOSALS FOR THE WORK OF THE CONFERENCE |
|  |
| Agenda item 10 |

10to recommend to the ITU Council items for inclusion in the agenda for the next world radiocommunication conference, and items for the preliminary agenda of future conferences, in accordance with Article 7 of the ITU Convention and Resolution **804 (Rev.WRC‑19)**,

 MDG/82/1

ARTICLE 22

Space services1

Section II − Control of interference to geostationary-satellite systems

22.5C § 6 1) The equivalent power flux-density2, epfd↓, at any point on the Earth’s surface visible from the geostationary-satellite orbit, produced by emissions from all the space stations of a non-geostationary-satellite system in the fixed-satellite service in the frequency bands listed in Tables **22-1A** to **22-1E**, including emissions from a reflecting satellite, for all conditions and for all methods of modulation, shall not exceed the limits given in Tables **22‑1A** to **22‑1E** for the given percentages of time. These limits relate to the equivalent power flux‑density which would be obtained under free-space propagation conditions, into a reference antenna and in the reference bandwidth specified in Tables **22‑1A** to **22‑1E**, for all pointing directions towards the geostationary-satellite orbit.     (WRC‑03)

Reasons:

Non-geostationary (non-GSO) satellite systems in the Ku- and Ka-bands are essential for providing Internet connectivity in previously inaccessible or regions that are costly to service. These satellites offer high-speed, low-latency broadband worldwide. Non-GSO systems depend on shared spectrum, a key ITU principle. However, current spectrum sharing rules in Article **22** of the Radio Regulations have deficiencies for some GSO and non-GSO systems.

Madagascar suggests a review of these issues and recommends potential new regulations for WRC‑27.

**22.5C** It is recommended that ITU endorses a future WRC‑27 agenda item on the review of Article **22** epfd limits in the Ku and Ka bands.

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