**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG |
| Title | Proposed draft text related to the JP regulation related to ARIB STD-T108 |
| Date Submitted | July 27, 2025 |
| Source | Takenori Sumi, Mitsubishi Electric | E-mail: Sumi.Takenori@dc.MitsubishiElectric.co.jp |
| Abstract | This submission contains a proposed draft text about the JP regulation related to ARIB STD-T108 |
| Purpose | For developing the TG3a draft. |
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## Discussion

Contribution (19-24/0006r0) noted that the ARIB STD-T108 regulation updated to support duty cycle for active system. Each specified low-power radio station can station radio signal for at most 360 seconds/hours for one channel, and 720 seconds/hours for two channels. So, the regulation for duty cycle for active system has been relaxed. Therefore, Section 6.3 for IEEE 802.19.3-2011 should be updated to meet new JP regulation.

https://www.arib.or.jp/english/html/overview/doc/5-STD-T108v1\_5-E1.pdf

## Proposed draft text

***TG3a editor: Please add a new subclause 6.3.at the end of subclause 6.3 as follows:***

**Section number is referred to IEEE 802.19.3-2021.**

**6.3. Japan**

The ARIB STD-T108 [BXXa] [BXXb] regulation updated to support duty cycle for active system. Each specified low-power radio station can transmit radio signal for at most 360 seconds/hours for one channel, and 720 seconds/hours for popularly two channels. Figure x show the duty cycle for active system using multiple channels.

Specified Low Power Radio Stations, about the systems with antenna power of 20 mW or less, the permissible value for occupied bandwidth was changed from 1 MHz (5 channels) to 4 MHz (20 channels) has been supported.



Figure x: Duty cycle update for active system

***TG3a editor: Please add the following references into Biography:***

**Bibliography**

[BXXa] Y. Nagai, 920 MHz Regulation Update in Japan, doc.: IEEE 802.19-24/0006r0.

[BXXb] ARIB STD-T108 Version 1.5(2023), 920MHz-Band Telemeter, Telecontrol and Data Transmission Radio Equipment.