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Utility Regulation and Competition Office

20<sup>th</sup> March 2023

## Operating Parameters for Wireless LAN (WiFi) Services

The following information has been prepared by the Utility Regulation and Competition Office (“the Office”) and provides references to the relevant technical and operating parameters which are permitted for the operation of Wireless LAN (WiFi) services in the Cayman Islands.

The table below contains:

- The lower and upper bounds of the frequency range in which Wireless LAN equipment may be operated
- The reference to the FCC technical and operating parameters which must be adhered to for equipment carrying the FCC type approval mark
- The reference to the ETSI standard (and other relevant documents) which must be adhered to for equipment carrying the CE type approval mark
- The reference to documents issued in the Cayman Islands which identify these frequency ranges as being available for the operation of Wireless LAN equipment

Equipment which meets the requirements of either the FCC reference, or the EU reference, used only as permitted under clause 3 of the Notice issued in accordance with Section 23(2) of the Information and Communication Technology Act<sup>1</sup> (“the Section 23(2) Notice”<sup>2</sup>), may be operated without the need for a specific licence from the Office.

<b>Frequency Range</b>	<b>FCC Reference</b>	<b>EU Reference</b>	<b>Cayman Islands Reference</b>
902 – 928 MHz	Part 15.247	-	The Section 23(2) Notice
2400 – 2483.5 MHz	Part 15.247	EN 300 328	The Section 23(2) Notice
5150 – 5250 MHz	Part 15.407	EN 301 893	Footnote CI.3 of the Cayman Islands Table of Frequency Allocations and Assignments
5250 – 5350 MHz	Part 15.407	EN 301 893	Footnote CI.3 of the Cayman Islands Table of Frequency Allocations and Assignments

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<sup>1</sup> <https://www.ofreg.ky/viewPDF/documents/legislation/2021-04-15-01-39-56-Information-and-Communications-Technology-Law-2019-Revision.pdf>

<sup>2</sup> <https://www.ofreg.ky/viewPDF/documents/legislation/2021-04-15-01-36-33-Section-23-Notice-20-Nov-2017.PDF>



<b>Frequency Range</b>	<b>FCC Reference</b>	<b>EU Reference</b>	<b>Cayman Islands Reference</b>
5470 – 5725 MHz	Part 15.407	EN 301 893	Footnote CI.3 of the Cayman Islands Table of Frequency Allocations and Assignments
5725 – 5850 MHz	Part 15.407	EN 300 440 ERC Report 70-03, Annex 1, Band j (25 mW eirp)	The Section 23(2) Notice
5850 – 5875 MHz	Part 15.407	EN 300 440 ERC Report 70-03, Annex 1, Band j (25 mW eirp)	The Section 23(2) Notice

Note that these frequencies are not assigned exclusively for Wireless LAN applications and are provided on a non-interference basis: Wireless LAN devices must accept interference from other users of these frequencies and must not cause harmful interference to other users.

Your attention is drawn to the Notice of Compliance for the Industrial, Scientific and Medical Radio Band issued by the Office on 1 April 2020<sup>3</sup>. A license must be obtained for equipment which operates within the frequency ranges identified above but which:

- does not meet either the FCC or EU technical and operating requirements indicated above; or
- is used for purposes not defined in clause 3 of the Section 23(2) Notice (e.g. if used for Commercial purposes).

Should you have any queries, please feel free to contact [ict@ofreg.ky](mailto:ict@ofreg.ky)

3) <https://www.ofreg.ky/viewPDF/documents/news/2023-04-12-05-19-49-2022-04-07-07-39-34-NOTICE-OF-COMPLIANCE-for-the-Industrial-Scientific-and-Medical-Radio-Band-IBM-1.pdf>