



# PUBLIC NOTICE

Federal Communications Commission  
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## OFFICE OF ENGINEERING AND TECHNOLOGY SEEKS COMMENT ON THE PETITION OF LG ELECTRONICS INC. FOR WAIVER OF SECTIONS 15.519(A) AND 15.519(A)(2) OF THE COMMISSION'S RULES

ET Docket No. 26-57

**Comment Date: April 8, 2026**  
**Reply Comment Date: April 23, 2026**

By this public notice, we seek comment on a request by LG Electronics, Inc. (LG) to waive Sections 15.519(a) and 15.519(a)(2) of the Commission's rules to permit LG to certify and market a smart door lock that contains an ultra-wideband (UWB) transmitter operating in the 6-10 GHz band.<sup>1</sup>

LG states that its devices would be used in fixed installations at building entryways near ground level and communicate with authorized user devices such as smartphones using Bluetooth Low Energy to authenticate access.<sup>2</sup> If the access credential on the user device is valid for the door, the door lock starts a UWB ranging session to determine the position of a person with respect to the door.<sup>3</sup>

Section 15.519(a) of the Commission's rules contains provisions for UWB devices that are relatively small and are primarily handheld while being operated and do not employ a fixed infrastructure, and Section 15.519(a)(2) prohibits the use of antennas mounted on outdoor structures or any fixed outdoor infrastructure.<sup>4</sup> LG argues that its device poses no greater interference potential than a typical handheld reader because it transmits at low power with a low duty cycle, does not create continuous emissions, and will be installed on a structure near ground level and use a directional antenna so that it does not create an aggregate interference risk.<sup>5</sup>

We seek comment on LG's Waiver Request. To develop a complete record on the issues presented by this request, this proceeding will be treated, for *ex parte* purposes, as "permit-but-disclose" in accordance with Section 1.1200(a) of the Commission's rules, subject to the requirements under Section 1.1206(b). LG filed its petition electronically as a non-docketed proceeding in the Commission's Electronic Comment Filing System. We have opened a new docket, **ET Docket 26-57** to facilitate consideration of this request and have moved LG's submission into this docket. Parties should file all comments and reply comments in **ET Docket 26-57**.

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<sup>1</sup> *Request for Waiver of Section 15.519 of the Commission's Rules*, ET Docket No. 26-57 (filed Feb. 4, 2026) (LG Waiver Request).

<sup>2</sup> *Id.* at 3, 5.

<sup>3</sup> *Id.* at 4.

<sup>4</sup> 47 CFR § 15.519(a) and (a)(2).

<sup>5</sup> LG Waiver Request at 6.

*Filing Requirements.* Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.149, interested parties may file comments in **ET Docket No. 26-57** on or before the date indicated on the first page of this document and should reference this public notice. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS).

- *Electronic Filers:* Comments may be filed electronically using the Internet by accessing the ECFS: <https://www.fcc.gov/ecfs>.
- *Paper Filers:* Parties who choose to file by paper must file an original and one copy of each filing.
  - Filings can be sent by hand or messenger delivery, by commercial courier, or by the U.S. Postal Service. **All filings must be addressed to the Secretary, Federal Communications Commission.**
  - Hand-delivered or messenger-delivered paper filings for the Commission's Secretary are accepted between 8:00 a.m. and 4:00 p.m. by the FCC's mailing contractor at 9050 Junction Drive, Annapolis Junction, MD 20701. All hand deliveries must be held together with rubber bands or fasteners. Any envelopes and boxes must be disposed of before entering the building.
  - Commercial courier deliveries (any deliveries not by the U.S. Postal Service) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.
  - Filings sent by U.S. Postal Service First-Class Mail, Priority Mail, and Priority Mail Express must be sent to 45 L Street NE, Washington, DC 20554.
- *People with Disabilities:* To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to [fcc504@fcc.gov](mailto:fcc504@fcc.gov) or call the Consumer & Governmental Affairs Bureau at 202-418-0530.

Parties should also send a copy of their filings to Aole Wilkinsel, Office of Engineering and Technology, Federal Communications Commission, 45 L Street, N.E., Washington, D.C. 20002, or by e-mail to [Aole.Wilkinsel@fcc.gov](mailto:Aole.Wilkinsel@fcc.gov).

Documents associated with this docket will be available for public inspection through the Commission's ECFS.

By the Chief, Office of Engineering and Technology

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