

LETTER OF REQUEST

PERMISSIVE CHANGE

August 18, 2025

We, LG Electronics USA, Inc., as a manufacturer of following product, hereby submit Class 2 Permissive Change application for the FCC and Class 3 Permissive Change application ISED in the filings following changes applied to compliance of product throughout additional testing.

FCC	FCC ID	BEJTFGMEIBBCD1
	Date of C2PC Grant	12 FEBRUARY 2025
	Equipment Type	PCS Licensed Transmitter
ISED	IC Certification Number	2703H-TFGMEIBBCD1
	Approved Date	11 MARCH 2025

	AS-IS	TO-BE
HW Version	Rev.F	Rev.G
SW Version	SW176	SW180
FVIN	SW176	SW180
HVIN/PMN	TFGMEIBBCD1, TFGMEIBBCD2, TFGMEIBBCD3	TFGMEIBBCD1, TFGMEIBBCD2, TFGMEIBBCD3, TFGMEIBBCD1_MY27, TFGMEIBBCD2_MY27, TFGMEIBBCD3_MY27

A. Software change note

Refer to operational description (Appendix)

B. Hardware change note

Refer to operational description (Appendix)

C. Test in host configuration

- RF

The only difference of modular (TM05FNNAGM0) and host equipment (TFGMEIBBCD1) is the host equipment has enclosure. TM05FNNAGM0 was tested in standalone configuration without enclosure. TFGMEIBBCD1 has enclosure added around the modular without having any modification or differences. All the software and hardware are identical in both configurations.

So only spot check was performed for radiated spurious emissions and the rule was satisfied.

TFGMEIBBCD1 has various external antennas and radiated spurious emission test was performed with external antenna which has highest gain of each band.

- SAR

5G NR n7 and n25 were retest due to the addition of bandwidth information for 5G NR bands n7, n25, and n41. Furthermore, LTE bands 25 and 71 have been newly added as supported bands and were tested accordingly. (No testing was performed on the 70MHz bandwidth addition of n41, as the previously tested 100MHz bandwidth of the n41 would have a higher conducted power than the additional 70MHz.) Tests were performed with a total of four antennas. For details, please refer to Appendix A of the operational description.

D. Conclusion

Based on the analysis and additional test, it has been proven that this changes does not affects radiated spurious emission or other requirements. We hereby request permissive change for both FCC and ISED certification.

Sincerely,



Hee Jae Cho
Director, NA Regulatory & Environmental Affairs
LG Electronics USA