

LG Electronics USA, Inc.

Federal Communications Commission

7435 Oakland Mills Road

Columbia MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive Change for FCC ID: BEJ24EM060KGL

(Original Grant date: 11/12/2024)

Applicant: LG Electronics USA, Inc.

Dear Examiner,

This is to request a Class II permissive change for FCC ID: BEJ24EM060KGL

Product description: LTE Module

originally granted on 11/12/2024

The change file under this application is:

The major change filed under this application is:

1. Change antenna type:

Old	New
PIFA Antenna	FPC Antenna

2. Change antenna gain:

	Frequency Band		Antenna Gain (Old) (dBi)	Antenna Gain (New) (dBi)
WCDMA	Band 2	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~1990MHz	3.87	1.9
	Band 4	Uplink: 1710 MHz ~ 1755 MHz Downlink: 2110 MHz ~ 2155MHz	3.91	-2.0
	Band 5	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	3.32	-1.1
LTE	B2	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	3.87	1.9

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	B4	Uplink: 1710 MHz ~ 1755 MHz Downlink: 2110 MHz ~ 2155MHz	3.91	-2.0
	B5	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	3.32	-1.1
	B7	Uplink: 2500 MHz ~ 2570 MHz Downlink: 2620 MHz ~ 2690MHz	3.16	1.5
	B12	Uplink: 699 MHz ~ 716 MHz Downlink: 729 MHz ~ 746 MHz	3.19	-1.1
	B13	Uplink: 777 MHz ~ 787 MHz Downlink: 746 MHz ~ 756 MHz	3.28	-1.1
	B14	Uplink: 788 MHz ~ 798 MHz Downlink: 758 MHz ~ 768 MHz	3.25	-1.1
	B17	Uplink: 704 MHz ~ 716 MHz Downlink: 734 MHz ~ 746 MHz	3.19	-1.1
	B25	Uplink: 1850 MHz ~ 1915 MHz Downlink: 1930 MHz ~ 1995MHz	3.87	1.9
	B26	Uplink: 814 MHz ~ 849 MHz Downlink: 859 MHz ~ 894 MHz	3.32	-1.1
	B30	Uplink: 2305 MHz ~ 2315 MHz Downlink: 2350 MHz ~ 23160 MHz	0.98	2.5
	B38	Uplink: 2570 MHz ~ 2620 MHz Downlink: 2570 MHz ~ 2620MHz	3.07	1.5
	B41	Uplink: 2496 MHz ~ 2690 MHz Downlink: 2496 MHz ~ 2690MHz	3.16	3.6
	B66	Uplink: 1710 MHz ~ 1780 MHz Downlink: 2110 MHz ~ 2200 MHz	3.91	1.9

2. LTE Band 42, Band 43, Band 48, and Band 71 are disabled by manufacturer, and end user can't access.

3. LTE Band 26(824 ~ 849 MHz) overlaps the entire frequency range of LTE Band 5(824 ~ 849 MHz), therefore, test data provided covers Band 5 as well as Band 26.

4. All the bands have lower power.

Also, please note the following with respect to this application:

- Software security remains unchanged from the original application.

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If you have any questions regarding this application, please feel free to contact me.

Best Regards,

(Signature*)

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