

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB**

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

PCTEST Engineering Laboratory, LLC
7185 Oakland Mills Road
Columbia, MD 21046

Date of Grant: 05/02/2018

Application Dated: 04/17/2018

LG Electronics USA, Inc.
1000 Sylvan Ave.
Englewood Cliffs, NJ 07632

Attention: Kyung-Su Han , Director, Standards & Compliance

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: ZNFG710TM

Name of Grantee: LG Electronics USA, Inc.

Equipment Class: PCS Licensed Transmitter held to ear

Notes: Multi-band GSM/EDGE/UMTS/LTE Phone with Bluetooth, WLAN, and RFID

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
HC	22H	824.0 - 849.0	0.385	2.5 PM	244KGXW
HC	22H	824.0 - 849.0	0.144	2.5 PM	244KG7W
HC	22H	824.0 - 849.0	0.063	2.5 PM	4M15F9W
HC	27	1710.0 - 1755.0	0.323	2.5 PM	4M14F9W
HC	24E	1850.0 - 1910.0	1.379	2.5 PM	246KGXW
HC	24E	1850.0 - 1910.0	0.449	2.5 PM	245KG7W
HC	24E	1850.0 - 1910.0	0.365	2.5 PM	4M15F9W
	27	663.0 - 698.0	0.077	2.5 PM	18M0G7D
	27	663.0 - 698.0	0.065	2.5 PM	18M0W7D
HC	27	699.0 - 716.0	0.075	2.5 PM	9M05G7D
HC	27	699.0 - 716.0	0.065	2.5 PM	9M01W7D
HC	27	777.0 - 787.0	0.038	2.5 PM	9M05G7D
HC	27	777.0 - 787.0	0.032	2.5 PM	8M99W7D
HC	22H	824.0 - 849.0	0.053	2.5 PM	9M04G7D
HC	22H	824.0 - 849.0	0.044	2.5 PM	9M00W7D
HC	27	1710.0 - 1780.0	0.188	2.5 PM	17M9G7D
HC	27	1710.0 - 1780.0	0.153	2.5 PM	18M0W7D
HC	24E	1850.0 - 1915.0	0.238	2.5 PM	18M0G7D
HC	24E	1850.0 - 1915.0	0.195	2.5 PM	18M0W7D
HC	27	2305.0 - 2315.0	0.073	2.5 PM	9M01G7D
HC	27	2305.0 - 2315.0	0.053	2.5 PM	9M00W7D
HC	27	2500.0 - 2570.0	0.195	2.5 PM	18M0G7D
HC	27	2500.0 - 2570.0	0.153	2.5 PM	18M0W7D
HC	27	2496.0 - 2690.0	0.296	2.5 PM	18M0G7D
HC	27	2496.0 - 2690.0	0.178	2.5 PM	18M0W7D

Output power listed is ERP for frequencies below 1 GHz and EIRP for frequencies above 1 GHz, SAR compliance for body-worn operating configurations is limited to the specific configurations tested for this filing. Body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 1.0 cm separation between the device and the user's body. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance.

This device supports bandwidths of 1.4/3/5/10 MHz for LTE Bands 12 and 5, bandwidths of 5/10 MHz for LTE Bands 13, 17 and 30, bandwidths of 1.4/3/5/10/15/20 MHz for LTE Bands 2, 25, 4 and 66, and bandwidths of 5/10/15/20 MHz for LTE Band 7, 41, and 71 .

The highest reported SAR for head, body-worn accessory, product specific (wireless router), simultaneous transmission and product specific (phablet) use conditions is 0.29 W/kg, 0.70 W/kg, 1.18 W/kg, 1.58 W/kg, and 3.91 W/kg, respectively.

HAC Rating: M4 T3 - 2011

This device also contains functions that are not operational in U.S. Territories. This filing is only applicable for US operations.

HC: This equipment complies with the hearing aid compatibility technical requirements of Section 20.19 of the rules.