



**GRANT OF EQUIPMENT  
AUTHORIZATION**



**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.