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EVALUATION REPORT

Applicant Name:

LG Electronics MobileComm U.S.A., Inc.

Date of Evaluation:

Feb 17, 2017

Address:

1000 Sylvan Avenue, Englewood Cliffs NJ 07632

Test Site/Location:

HCT CO., LTD., 74,Seoicheon-ro 578beon-gil,Majang-myeo,Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA

FCC ID : ZNFH870V

APPLICANT : LG Electronics MobileComm U.S.A., Inc.

Test Data Re-Use Summary

Introduction

FCC ID: ZNFH870V

Equipment Class(es): DTS, DSS

Rule Part(s): 2, 15

Application's Statement: The applicant takes full responsibility that the test data referenced below represents compliance for this FCC ID.

Differences

Brief Description: Some Bluetooth & WLAN hardware and software of this device are identical to the implementation in ZNFH870. The operational description includes detailed information about the changes between the devices. The data from that application has been verified through appropriate spot checks to demonstrate compliance for this device as shown in the summary table below.

Spot Check Verification Result Summary

(Note: The detail test data can be found in this documents, Appendix A, hereafter)

Category	Spot Check	Verdict
Unlicensed EMC	Band Edge	Share
	Spurious Emissions	Share

Reference Detail Section

Equipment Class	Reference FCC ID	Folder Test/RF Exposure	Report Title/Section
DSS	ZNFH870	Bluetooth Report	All Sections
DTS	ZNFH870	WLAN DTS Report	All Sections
	ZNFH870	BT LE Report	All Sections


 Signature
 Yunseok Lee / HCT CO.,LTD

Appendix A. The Spot check test data

1. Summary of the spot check for Unlicensed EMC

Title : LG-H870DSV Spot checking result									
Model Name : LG-H870DSV									
Report	Test Item	Channel	Measured Frequency	LG-H870 Result [dBuV/m]		LG-H870DSV Result [dBuV/m]		Gap [dB]	
				Peak	Average	Peak	Average	Peak	Average
BT	Band Edge	78	2483.5 MHz~2500 MHz	63.95	35.82	62.38	33.89	1.57	1.93
	RSE	78	4960 MHz	-	-	-	-	-	-
			7440 MHz	55.06	41.19	55.65	41.39	-0.59	-0.2
BT LE	Band Edge	39	2483.5 MHz~2500 MHz	48.63	39.43	48.72	39.51	-0.09	-0.08
	RSE	39	4960 MHz	-	-	-	-	-	-
			7440 MHz	55.88	45.14	55.82	45.18	0.06	-0.04
DTS	Band Edge	11	2483.5 MHz~2500 MHz	64.41	49.89	61.69	46.94	2.72	2.95
	RSE	6	4874 MHz	-	-	-	-	-	-
			7311 MHz	54.65	42.5	54.87	42.45	-0.22	0.05