

Class II Permissive Change request letter

Federal Communication Commission
 Equipment Authorization Division, Application Processing Branch
 7435 Oakland Mills Road
 Columbia, MD 21048

SUBJECT : Samsung Electronics Co., Ltd.
FCC ID : A3LAX211D730QED
Class II Permissive Change
Orig. Grant Date : January 18th , 2022

This is to request a Class II permissive change for FCC ID: **A3LAX211D730QED**.

The application is preparing for FCC Class II Permissive Change that adding a certified module(FCC ID : **A3LAX211D730QED** ; **Grant issued date : 01/18/2022**) into a new Portable Computer(Model : NP730QED ; Brand : SAMSUNG).

The Grip sensors Accelerometer have been used to power reduced for SAR compliance. Please see the test report for details of power level.

The major change filed under this application is :

Change #1 : The application of the power table changes depending on the LCD angle, accelerometer sensor, and grip sensor of the laptop.

Change #2 : The output power level is lower than original grant.

Change #3 : Adds new antennas that meet FCC Part 15 equivalent-type. The antenna information is listed as below.

Antenna Part Number	Manufacturer	Antenna Type	Freq Range	*Total Peak Gain W/ Cable loss (dBi)
			MHz	
(P/N:BA42-00744A) Tx1/ Rx1 Antenna (Main)	Wistron Neweb Corporation	PIFA	2400-2483.5	2400-2483.5MHz 1.93 dBi (peak)
			5150-5250	5150-5250MHz 2.88 dBi (peak)
			5250-5350	5250-5350MHz 3.13 dBi (peak)
			5470-5725	5470-5725MHz 2.54 dBi (peak)
			5725-5850	5725-5850MHz 1.60 dBi (peak)
			5925-6425	5925-6425MHz 0.62 dBi (peak)
			6425-6525	6425-6525MHz 1.68 dBi (peak)
			6525-6875	6525-6875MHz 3.03 dBi (peak)
			6875-7125	6875-7125MHz 2.63 dBi (peak)

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(P/N:BA42-00745A) Tx2/ Rx2 Antenna (Aux)	Wistron Neweb Corporation	PIFA	2400-2483.5	2400-2483.5MHz	2.78 dBi (peak)
			5150-5250	5150-5250MHz	2.43 dBi (peak)
			5250-5350	5250-5350MHz	3.33 dBi (peak)
			5470-5725	5470-5725MHz	2.69 dBi (peak)
			5725-5850	5725-5850MHz	3.51 dBi (peak)
			5925-6425	5925-6425MHz	3.95 dBi (peak)
			6425-6525	6425-6525MHz	3.95 dBi (peak)
			6525-6875	6525-6875MHz	3.82 dBi (peak)
			6875-7125	6875-7125MHz	3.75 dBi (peak)

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

Sincerely,



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