

# Harman International Industries, Inc.

May 11, 2022

Federal Communications Commission  
Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: APIBOX310

Applicant: Harman International Industries, Inc.

Dear Examiner,

This is to request a Class II Permissive change for FCC ID: APIBOX310 originally granted on 01/20/2022 (date).

The change under this application as following:

The changes under the application are following:

| No.                                                                           | Changed area                                                                                                         | Model    | Model (alternative material) |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------|------------------------------|
| 1                                                                             | U100 U101 DCDC Model Replacement                                                                                     | JW5250S  | JW5250A                      |
| 2                                                                             | SYS_5V SYS_3V3 Switch IC U128, U120 changed to discrete                                                              | JW7115   | Discrete wiring              |
| 3                                                                             | DSP input IIS data SWICH IC U124 model replacement                                                                   | RS2057   | AIP74LVG3157                 |
| 4                                                                             | U4 U108 U109 Amplifier Replacement                                                                                   | TAS5828M | AW83118                      |
| 5                                                                             | Battery mode BOOST boost parameter adjustment.                                                                       |          |                              |
| 6                                                                             | Add dynamic voltage detection circuit (OP+ logic chip)<br>OP: U116, U221, U112, U119, U117, U118<br>Logic chip: U113 |          |                              |
| 7                                                                             | Add DAC chip U26 U222 circuit (ES8156)                                                                               |          |                              |
| 8                                                                             | PCBA BOTTOM Surface Difference                                                                                       |          |                              |
| 9                                                                             | New battery model GSP-2S4P-PB350D                                                                                    |          |                              |
| Note: The test samples in this report are all using the alternative material. |                                                                                                                      |          |                              |

There is no RF parameter change to the operating frequency band, rated radiated and conducted output power of the device.

I attest that the certified device will not be capable of ad-hoc mode operation outside of the grant conditions.

Sincerely,

Signature:



Name: Terry Shi

Title: Prin.Engineer,Regulatory Compliance, Quality

Company: Harman International Industries, Inc.