SAMSUNG ELECTRONICS AMERICA, INC.
American QA Lab
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Date: 2022.03.30

FCC ID: A3LEJPT870 (Original grant date : June. 17th, 2020)
Class II permissive change for FCC ID: A3LEJPT870

This change is not intended to improve performance, but simply to respond to global shortage of semiconductors. Recently, Dialog semiconductor, the manufacturer of BLE IC material has notified shortage notice.
We Samsung apply minimized modification to keep the RF performance and characteristics as previous design. Quality is the same as existing approved.

Version 1) PCB Rev0.1 – Dialog semiconductor (DA14585)
Version 2) PCB Rev0.3 – Dialog semiconductor (DA14531)

1) The requirements of § 2.1043 are fulfilled, i.e., the device's block functions for the fundamental frequency, primary modulator circuit, maximum power, or field strength ratings shall remain unchanged.
-> Although there are detailed changes in PED (Attachment), some of the surrounding parts will be changed according to the guide recommended by the IC vendor in order to commonalize other vendor IC with the same performance. The basic blocks mentioned in this notification remain unchanged.

2) Transmitter PCB layout and parts changes are only permitted if there is no change in identifying a device's form, functional specification, as initially granted or previously approved under a Class II permissive change.
-> Because the change is a modification that is only related to BLE IC and is the same performance as the first granted approved for that part, it does not deviate from this paragraph.

3) PCB changes are limited to non-substantive modifications layout changes to the same size physical circuit board previously granted.
-> We have written a PED (attachment) for PCB layout changes in relation to this question and can confirm that all related changes have been made only in some areas within the PCB size initially granted. Therefore, it satisfies this paragraph. In addition, the added circuit is not related to the transmission characteristics, and the modification of the layout is limited to the minimum area, so it does not affect the electrical characteristics.

4) C2PCPX is not permitted to add, remove, augment, or change capabilities, such as transmitters, increased bandwidth, additional rule parts, bands, etc.
-> This change is to diversify the applied IC due to shortage risk of semiconductor supply and demand, and it is changed to use parts of equal performance with a history of application in our model. Therefore, it is the same specification, and there is no change for the listed item.

5) In the PAG submission for item C2PCPX, the applicant shall provide complete information on testing demonstrating that the proposed changes for fundamental emissions are unchanged within the normal, acceptable tolerances and out-of-band; emissions do not exceed the appropriate limits.
The PAG submission shall include all applicable test reports and internal photos.
-> Once the final set reflecting the changes is created, we will conduct a formal test through the certified approval office, so please refer to the results.

6) The modified device shall not be marketed under the existing grant of certification before confirmation that the C2PCPX PAG is approved and granted.
->Yes, we will not sell the modified device before the approval of C2PCX PAG.

7) Software Defined Radio (SDR) grants that use the C2PCPX procedure are not permitted to make subsequent Class III permissive changes.
->Not Applicable

8) The C2PCPX PAG procedure has no impact on the provisions of V) of this publication for non-SDR software-only changes; thus, adding an equipment class when related to rule changes is still permitted.
->Not Applicable

9) Class I permissive changes are not permitted under this C2PCPX procedure.
->Noted

Sincerely,

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Signature: