

MEMORANDUM

To: Whom It May Concern
From: Erdie De Peralta, Regulatory Affairs Director
Date: 15 – September – 2016
Re: Class II Permissive Change Description for Aeris 2.0 PAL
(FCC ID: U4L2)

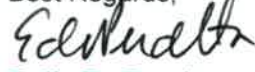
Message:

The Nordic Semiconductor nRF51822, 6x6mm QFN build code revision IC identified in the original Aeris 2.0 PAL design is going obsolete and replaced with newer revisions of the IC. The plan is to identify the current revision being manufactured and replace it with a new revision of the device in order to meet production demands. The change will also include a BALUN change in the circuitry in order to meet Korean teleregulatory spurious emission limits due to LO leakage.

The IC with the build code revision update is defined as reference designator "U1", and the associated BALUN change due to the revision change of the IC is defined as reference designator "U6" in the Aeris 2.0 PAL schematic.

Both components that are changing have the identical dimensional footprint so all replacements are drop-in with no changes required to the constructional layout of the design. The schematic and BOM are updated with the replacement components but no changes are required to the Gerber files and there are no other changes to the system.

Best Regards,

 15 Sept 2016

Erdie De Peralta

Director

Regulatory Affairs

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