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Regulatory Engineering

Date: July 22, 2022

Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046

Ref: FCC ID: UZ7RFD8500

C2PCPX ACKNOWLEDGING COMPLIANCE LETTER

Due to RFID Skyworks demodulator chip that is EOL, We want to use the non-pin-to-pin compatible RFID ASIC chip as a replacement under FCC ID UZ7RFD8500. This is letter is to seek confirmation from FCC that C2PCPX is allowed for this change, based on FCC Notification 202109-001.

Item	Requirement	Feedback
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.	Remains same fundamental frequency and max. power within the FCC 2.1043 requirements.
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.	no change in identifying a device’s form, functional specification
3	PCB changes are limited to non-substantive modifications layout changes to the same size physical circuit board previously granted.	PCB change does not impact substantive modifications.
4	C2PCPX is not permitted to add, remove, augment, or change capabilities, such as transmitters, increased bandwidth, additional rule parts, bands, etc.	Remains same radio characteristic without adding /removing new RF characteristics and capabilities.
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.	Test results are in the attachment “UZ7RFD8500 C2PCPX spot check evaluation_2022-0720.pdf”
6	The modified device shall not be marketed under the existing grant of certification before confirmation that the C2PCPX PAG is approved and granted.	Modified unit will not be marketed until FCC permission change is approved.

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7	Software Defined Radio (SDR) grants that use the C2PCPX procedure are not permitted to make subsequent Class III permissive changes.	The product was not certified as SDR
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.	The product was not certified as SDR The requested change here does not add a new equipment class
9	Class I permissive changes are not permitted under this C2PCPX procedure.	The request is to file a c2pc under PAG C2PCPX procedure.

The following supporting document is attached as evidence of the change:

- 1) The spot check test result: “UZ7RFD8500 C2PCPX spot check evaluation_2022-0720.pdf”;
- 2) Detail schematic and block diagram and change note: “UZ7RFD8500 C2PCPX change note_2022-0720.pdf”

Sincerely,

Signature : 

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