

Immedia Semiconductor LLC

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DATE : 2025/06/17

FCC ID: 2AF77-H2211810

Confirmation Letter

We, Immedia Semiconductor LLC, change AC1003B2 to AC1003C, we understand the KDB 178919 D01 section III)D) requirements , and it can satisfy KDB 178919 D01 section III)D) four conditions.

- 1) The new chip component, AC1003C, is pin-for-pin compatible with AC1003B2.
- 2) The new chip, AC1003C, has the same basic function as the old chip, AC1003B2, from an external perspective (internal circuitry may differ).
- 3) No change in radio parameters has occurred.
- 4) The same conditions apply when a small area (the same area as the AC1003B2) of the PCB is replaced with an equivalent AC1003C.

The details are as below for Lora chip.

- AC1003B2 electrical specifications as below
Frequency is 902-928 MHz.
Modulation types are FSK/OFDM 1M+2M.
Datarates are BPSK, QPSK, 16QAM.
- AC1003C electrical specifications as below
Frequency is 902-928 MHz.
Modulation types are FSK/OFDM 1M+2M.
Datarates are BPSK, QPSK, 16QAM.

Sincerely,

(Signature)



Printed Name: P. Douglas Grearson

Title: HW Development Manager

Company Name: Immedia Semiconductor LLC.