

# Request for Class II Permissive Change

FCC ID: 2AVDCXP02US-SS-1433

Date: 2023-10-20

TO: Federal Communication Commission

Please be notified that we, the undersigned, (SYBER SENSE IOT COMPANY LIMITED) declare that the reasons for this Class II permissive change are as below:

## 2AVDCXP02US-SS-1433

Compare with original model numbers, the electrical circuit design, layout, components used, internal wiring and functions were identical for the RF part of the 433.92MHz except the MCU model name, antenna model, antenna type and antenna gain.

Other differences are detailed in the table below:

Differences:		
Description	Before	After
1. PCBA Version	V01	V03
2. Add encryption chip	NO	ALPU-C (NEOWINE)
3. 433 MCU model name	NUC029ZAN (NUVOTON)	M031TD2AE (NUVOTON)
4. Remove Fuel gauge IC	MAX17260	DNP
5. 4G diversity antenna	XP05U-4G-DIV-V2.0	XP05U-4G-DIV-V2.0 AV
6. 433 antenna model	XP05-433-V2.0	XP05-433-V3.0
7. Antenna type	Inverted-F Antenna	FPC Antenna
8. Antenna gain	-2.5dBi	-2.61dBi

Remark: The 433 MCU just used for exchanging digital signals, the layout, pin position and packaging form are the same as the original.

**Original cert issued dated:** 2021-06-30

Thank you.

Sincerely,

Print Name: Simon Lee

Title: CEO

Signature:



On behalf of Company: SYBER SENSE IOT COMPANY LIMITED

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