



## YOKOTA INDUSTRIAL CO., LTD.

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Federal Communications Commission

Date: Mar. 4, 2019

7435 Oakland Mills Road Columbia, MD 21046

FCC ID : 2AMNN-YSE68995-01

Applicant : Yokota Industrial Co., Ltd., Osaka, Japan

To whom it may concern :

This is to request a Class II permissive change for FCC ID:2AMNN-YSE68995-01,  
originally granted on 04/11/2018.

Originally granted was Single Modular Approval that RF exposure conditions of the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

This time, it is used in the portable host devices(YS-e600/A, YS-s800/A, YS-e900, YS-e950). most nearest place from antenna is 14.4mm.

The transmitter module itself has not changed.

Also Antenna/Antenna Gains has not changed.

However, the power has reduced by 13.0 dBm from the originally granted one.

We would like to change the limitation for uncontrolled environment/general population exposure limits for this module.

This time, we performed the SAR testing and confirmed that this product meets the ANSI/IEEE C95.1-1992.

Please refer to the test report submitted with this application.

Thank you for your attention to this matter.

Sincerely,

S. Iwata

Advisor / International Marketing Division

Yokota Industrial Co., Ltd.

## Host Information

FCC ID : 2AMNN-YSE68995-01

Wireless Module model number: XBEE56B → Tool

Host model number : YS-e600/A  
YS-e800/A  
YS-e900  
YS-e950

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### Explanation of device

#### 1. Externals photograph



#### 2. A purpose of use

YS-e series are the tightening tools operated by the battery.

Models are consisting of YS-e600(SQ. drive), YS-e600A(Q.C.drive), YS-e800(SQ. drive), YS-e800A(Q.C.drive), YS-e900(SQ. drive) and YS-e950 (SQ. drive), all of which have the built-in controller and amplifier functions.

Each parameter setting of the tools and tightening result data are communicating with the receiver WU-1 through wireless connection.

SQ. drive=Square shaft. Q.C. drive=Quick Change (Driver) shaft

(Features & functions)

- Strain gauge and direct current detection system make the tool compact and weight saving.
- Abnormal tightening detection by torque control and angle monitoring.
- Low vibration, low noise and low reaction force due to the direct drive.
- Built-in controller and amplifier functions.
- Built-in buzzer/LED inform an operator of tightening result and abnormal tightening.
- Battery with remaining capacity display adopted.

#### 3. Operating frequency

Control PCB Main CPU : 24MHz