



Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046 USA

Date: February 9, 2026

SUBJECT: FCC Application for Family Certification IC: X4K-UWPEB01

To Whom It May Concern:

As per FCC requirements, Automatic Technology (Australia) Pty Ltd requests a Family Certification for the following:

Tested sample:

PMN:	Wireless First Safety Beam Kit
HVIN (model):	PEBTX01-1.02
Non-RF boards and circuitry:	The PEBTX01-1.02 board is equipped with an IR transmitter SFH4545DW.
RF boards and circuitry:	The PEBTX01-1.02 board features an RF TxRx+ MCU, Bluetooth v5.3, 2.4GHz frequency, 512KB Flash, 64KB RAM, and 48 VFQFN pads.
Exterior casing and colour:	UPE-1V1-PEB Enclosure Kit (Black)

Changes/differences to the certified device:

Variant 1:

PMN:	Wireless First Safety Beam Kit
HVIN (model):	PEBRX01-1.02
Non-RF boards, and circuitry differences:	The PEBRX01-1.02 board is equipped with an IR receiver TSSP96038TR
RF boards, and circuitry differences:	No differences to the RF part and circuitry
Exterior casing and colour differences:	UPE-1V1-PEB Enclosure Kit (Black)

Sincerely,

Nikolai Klepikov
Senior Electronics Design Engineer