

**EU-TYPE EXAMINATION CERTIFICATE
 RADIO EQUIPMENT DIRECTIVE 2014/53/EU**

Annex III Module B

Issued by

SPORTON INTERNATIONAL (USA) INC

(Notified Body number: 2907)

Certification Information		
Certificate No	SN25C0186	Certificate Revision No: A
Issue Date	10 July 2025	Certificate Validation: See Remark
Product Manufacturer	Creative5 Inc.	
	7F, No. 300, Sec. 1, Neihu Rd., Neihu Dist. Taipei City, 11493, Taiwan	
Product Identification Information		
Product Description	Dongle	
Brand/Trade Name	APAL	
Model/Type designation	Hestia A1, Hestia A2, IRIS B2	
Hardware Version	V1.0	
Software Version	V1.2	
Accessories	N/A	
Conformity Assessment		
Essential requirements	Applied Specification(s) / Standard(s) and Test Report	Result
Safety RED, Article 3.1a	EN IEC 62368-1:2020/A11:2020	PASS
	L543025L094	
Health RED, Article 3.1a	EN IEC 62311:2020, EN 50665:2017	PASS
	EA480227-03	
EMC RED, Article 3.1b	EN 301 489-1 V2.2.3, EN 301 489-3 V2.3.2, EN 301 489-19 V2.2.1, EN 55032:2015/A11:2020 Class B, EN 55035:2017, EN 55035:2017/A11:2020	PASS
	EW480227-03, EC480227-03	
Radio Spectrum RED, Article 3.2	EN 300 220-1 V3.1.1, EN 300 220-2 V3.1.1, EN 301 681 V2.1.2, EN 302 574-3 V2.1.1, EN 303 413 V1.2.1	PASS
	ER480227-03A, ER480227-03B, ER480227-03C, ER480227-03D	
	AI50H ER181602_AI50H_EN 300 220 V3.1.1_863~870MHz	

	RMM-T1 ER3D2704A_R02_EN303413 ER3D2704B_R02_EN301681 ER3D2704C_R02_EN302574-3		
Radio Equipment Specifications			
Technology	Frequency Band / Range		Maximum not to exceed output Power
NTN	Band 255/256		24 dBm
LoRa	863 ~ 865 MHz		14 dBm
	865 ~ 868 MHz		
	868 ~ 868.6 MHz		
	868.7 ~ 869.2 MHz		
	869.7 ~ 870 MHz		
	869.4 ~ 869.65 MHz		21 dBm
GNSS	1559 ~ 1610 MHz		N/A, Receiver only
Antenna Information			
Monopole and Dipole Antenna type			
Maximum Antenna Gains (dBi)			
Band 255: 2.998	Band 256: 5.587	863 ~ 870 MHz: 0.7	
Examined Technical Documentation File (TDF)			
<input checked="" type="checkbox"/> Label Drawing/Location	<input checked="" type="checkbox"/> Power of Attorney Letter	<input checked="" type="checkbox"/> Model Variance Statement	
<input checked="" type="checkbox"/> EU Declaration of Conformity	<input checked="" type="checkbox"/> User Manual	<input checked="" type="checkbox"/> Risk Assessment	
<input checked="" type="checkbox"/> Schematic Diagram	<input checked="" type="checkbox"/> Operational Description	<input checked="" type="checkbox"/> Antenna Specification	
<input checked="" type="checkbox"/> Block Diagram	<input checked="" type="checkbox"/> Parts/Bill of Materials	<input checked="" type="checkbox"/> PCB Layout	
<input checked="" type="checkbox"/> Test Reports/Safety	<input checked="" type="checkbox"/> External Photos	<input checked="" type="checkbox"/> TDF Reference Number 480227-03 Issue Date: 1 July 2025	
<input checked="" type="checkbox"/> Test Reports/RF Exposure	<input checked="" type="checkbox"/> Internal Photos		
<input checked="" type="checkbox"/> Test Reports/Radio	<input checked="" type="checkbox"/> Test Setup Photos		
<input checked="" type="checkbox"/> Test Reports/EMC	<input type="checkbox"/> Other		
<input type="checkbox"/> Technical Solutions for Emergency Service			
Certificate Note			
1. Output Power listed is the conducted power for NTN. 2. Output Power listed is the ERP for LoRa.			

Certification Remark

CE Marking 	Regulation (EC) No 765/2008, Article 30 and Annex II The manufacturer to affix the CE marking to the radio equipment or its data plate when placing a product on the market unless this is not possible or not warranted on account of the nature of the radio equipment. This marking shall have a minimum height of 5 mm. The CE marking shall also be affixed visibly and legibly to the packaging. If the nature of the radio equipment does not allow a marking of at least 5 mm, the manufacturer may affix a CE marking that is smaller than 5 mm to the product under the condition that it remains visible and legible. If it not possible or not warranted on account of the nature of the radio equipment to affix a CE marking on the product, the manufacturer may affix it visibly and legibly only to the packaging. If the radio equipment is subject to other pieces of EU legislation which do not allow the CE marking to be smaller than 5 mm, then the possibility of using a smaller CE mark cannot be used by the manufacturer (e.g. RoHS).
Obligations of manufacturers	Radio Equipment Directive 2014/53/EU, Article 10. Radio Equipment Directive 2014/53/EU, Annex III, Module B,7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate. Radio Equipment Directive 2014/53/EU, Annex III, Model B, 9: The manufacturer shall keep a copy of the EU-type examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market.
Certificate Validity	If there is no change on product identification and/or manufacturer's identification or technical modifications which may possibly affect the compliance of the product with the Radio Equipment Directive, and if there is no new guideline published from the EU Commission or new publication of a standard, which supersedes the standard and/or methodology used for assessment, this Notified Body EU type examination certificate remains valid. Notified Body name, Notified Body number and TEC reference shall be listed and agree with information listed in Manufacturer's CE Declaration of Conformity.
Authorized Signature	 I hereby attest that technical documentation for the subject equipment was assessed by Sporton International (USA), Inc. acting as Notified Body that the essential requirements of Article 3.1(a), Article 3.1(b) and Article 3.2 of Radio Equipment Directive 2014/53/EU have been met. This EU-type examination certificate is issued in accordance with Annex III, Module B, of Radio Equipment Directive 2014/53/EU based on the documentations as provided to Sporton International (USA) Inc.
Name of Signer	Evan Chen Notified Body under the EU/US Mutual Recognition Agreement

Revision History

Description	Revision No.	Date
Original	A	10 July 2025