

**UK-TYPE EXAMINATION CERTIFICATE**  
**THE RADIO EQUIPMENT REGULATIONS (RER) 2017 (SI 2017/1206)**

**Schedule 3 Module B**

**Issued by**

**SPORTON INTERNATIONAL (USA) INC**

**(Approved Body Number: 2907)**

Certification Information		
<b>Certificate No</b>	SN25A0070	<b>Certificate Revision No:</b> A
<b>Issue Date</b>	10 July 2025	<b>Certificate Validation:</b> See remark
<b>Product Manufacturer</b>	Creative5 Inc.	
	7F, No. 300, Sec. 1, Neihu Rd., Neihu Dist. Taipei City, 11493, Taiwan	
Product Identification Information		
<b>Product Description</b>	Dongle	
<b>Brand/Trade Name</b>	APAL	
<b>Model/Type designation</b>	Hestia A1, Hestia A2, IRIS B2	
<b>Hardware Version</b>	V1.0	
<b>Software Version</b>	V1.2	
<b>Accessories</b>	N/A	
Conformity Assessment		
Essential requirements	Applied Specification(s) / Standard(s) and Test Report	Result
<b>Safety</b> <b>RER, Regulation 6.1a</b>	EN IEC 62368-1:2020/A11:2020	PASS
	L543025L094	
<b>Health</b> <b>RER, Regulation 6.1a</b>	EN IEC 62311:2020, EN 50665:2017	PASS
	EA480227-03	
<b>EMC</b> <b>RER, Regulation 6.1b</b>	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	
<b>Radio Spectrum</b> <b>RER, Regulation 6.2</b>	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	
	<b>AI50H</b> ER181602_AI50H_EN 300 220 V3.1.1_863~870MHz	

	<b>RMM-T1</b> 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"/> UK 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.			

