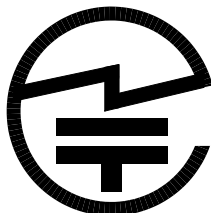


Construction Type Certification

Registration No.	CSRT150152	
Certificate Holder	Navico Avenida Reforma 1648 Fracc. Valle Verde, Ensenada, Baja California, Mexico.	
Product Category	Article 2, Paragraph 1, Item 19	
Model Type or Name	SonicHub 2	
Type of Emission, Frequency and Antenna Power	F1D 2402MHz - 2480MHz (1MHz separation, 79 channels) G1D 2402MHz - 2480MHz (1MHz separation, 79 channels) F1D 2402MHz - 2480MHz (2MHz separation, 40 channels)	1.26 mW/MHz 1.26 mW/MHz 1.58 mW
Manufacturer	SKYPINE ELECTRONICS (SHENZHEN) CO., LTD. A1, A5 Building, No.6, Xinxing Industrial Park, Xinhe Village, Fuyong Town, Bao'an District, Shenzhen City, Guangdong Province, China	
Remarks	The scope of evaluation relates to the submitted documents and product only. It is only valid in conjunction with the Annex.	

When the product is placed on the Japanese market, the Specified Radio Equipment marking as shown on the right must be attached on visible part of the product.




R 018-150152

Witnesses that the certification is on Construction Type Certification under Article 38-24 of the Radio Law.

Date of Certificate
2015-09-08



 Certification Examiner : Takuji Nakano
/Certificate Technical Support Center Co., Ltd.

Technical Construction Form (WW, Bluetooth)

1. Product Description	Marine Entertainment System	
2. Model Number	SonicHub 2	
3. IEEE Standard No.	Bluetooth (802.15.1) (BR, EDR, LE)	
4. Transmitter		
(1) Rated Output	1.26 mW/MHz (BR) 1.26 mW/MHz (EDR) 1.58 mW (LE)	
(2) Type of Emission and Frequency	F1D 2402MHz - 2480MHz (1MHz separation, 79 channels) (BR) G1D 2402MHz - 2480MHz (1MHz separation, 79 channels) (EDR) F1D 2402MHz - 2480MHz (2MHz separation, 40 channels) (LE)	
(3) Oscillation	Synthesizer method using Crystal Oscillator with 26MHz	
(4) Type of Modulation	GFSK, $\pi/4$ -DQPSK, 8DPSK	
(5) Spectrum Spread Method etc.	FHSS Other Modulation	
(6) RF Module/Chip	CSR8311	
5. Antenna		
(1) Type or Structure	PCB Antenna	
(2) Antenna Gain	0 dBi	
6. Power Source	DC12V	
7. Auxiliary Equipment	- Interference prevention function equipment (The function specified in Article 9-4 of the Ordinance Regulating Radio Equipment)	
8. Test Report	EED32H000796-1 (Date of Issue: 2015.07.30) (BR,EDR) EED32H000796-2 (Date of Issue: 2015.07.30) (LE)	
9. Test Laboratory	Centre Testing International Group Co.,Ltd.	
10. Review Documents	Block Diagram Circuit Diagram BOM List Antenna Specification	External Photographs (in the Test Report) Internal Photographs (in the Test Report) User Manual Certificate Label Design and Location PCB Layout
11. Confirmation Method of Certification by Type	ISO 9001 Certificate (SKYPINE ELECTRONICS (SHENZHEN) CO., LTD.)	
12. Reference Information	Connection to Telecommunication Circuit Equipment	