Certificate Technical Support Center Co.,Ltd.
RAB ID No. 018

Construction Type Certification

Registration No.	CSRT180207
Certificate Holder	Seeed Technology Co., Ltd. South 1F, Building 2, (Shanshui Building), Yungu Innovation Industry Park, Liuxian Ave, Xili Street, Nanshan District, Shenzhen, Guangdong, P.R.China
Product Category	Article 2, Paragraph 1, Item 19-3
Model Type or Name	Azure Sphere MT3620 Development Kit
Type of Emission, Frequency and Antenna Power	D1D, G1D 5180MHz - 5320MHz (20MHz separation, 8 channels) 2.0 mW/MHz
Manufacturer	Seeed Technology Co., Ltd. South 1F, Building 2, (Shanshui Building), Yungu Innovation Industry Park, Liuxian Ave, Xili Street, Nanshan District, Shenzhen, Guangdong, P.R.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 018-180207

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

Date of Certificate
2018-08-22

Takuji Nakano

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

Address: Shinyokohama First Bldg.B1, 1-2-1 Shinyokohama, Kohoku-ku, Yokohama-City, 222-0033 Japan
Tel.: +81 45 478 3365 • Fax: +81 45 478 3382 • E-mail: cert@cns-web.co.jp

Certification No. 018-180207
Date of Certificate: 2018-08-22

Technical Construction Form (XW) W52/W53

1. Product Description	Azure Sphere MT3620 Development Kit
2. Model Number	Azure Sphere MT3620 Development Kit
3. IEEE Standard No.	802.11a, 802.11n-HT20
4. Transmitter	
(1) Rated Output	2.0 mW/MHz (802.11a) 2.0 mW/MHz (802.11n-HT20)
(2) Type of Emission and Frequency	D1D, G1D 5180MHz - 5320MHz (20MHz separation, 8 channels)
(3) Oscillation	Synthesizer method using Crystal Oscillator with 26MHz
(4) Type of Modulation	BPSK , QPSK, 16QAM, 64QAM
(5) Spectrum Spread Method etc.	OFDM
(6) RF Module/Chip	MT3620AN
5. Antenna	
(1) Type or Structure	Built-in Antenna (Chip Antenna) × 2 (switch)
(2) Antenna Gain	Main Antenna: 4.5dBi, Aux Antenna: 4.5dBi
6. Power Source	DC5.0V ±10% (USB port)
7. Auxiliary Equipment	- Interference prevention function equipment (The function specified in Article 9-4 of the Ordinance Regulating Radio Equipment) - Carrier Sense Function (The function specified in MIC Public Notice No.48 of 2007) - Slave station (The function specified in MIC Public Notice No.48 of 2007)
8. Test Report	SZEM180500440502 (Date of Issue: 2018.08.13)
9. Test Laboratory	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
10. Review Documents	Block Diagram Circuit Diagram BOM List Antenna Specification External Photographs Internal Photographs User Manual Certificate Label Design and Location PCB Layout
11. Confirmation Method of Certification by Type	ISO 9001 Certificate (Seeed Technology Co., Ltd.)
12. Reference Information	Indoor use only.

Address: Shinyokohama First Bldg.B1, 1-2-1 Shinyokohama, Kohoku-ku, Yokohama-City, 222-0033 Japan
Tel.: +81 45 478 3365 • Fax: +81 45 478 3382 • E-mail: cert@cns-web.co.jp