Notified Body EMC Directive 2014/30/EU
Notified Body Directive 2014/53/EU
RF CAB under the Japan-EC MRA
FCB under the Canada-EC MRA
TCB under the USA-EC MRA

RF CAB ID No. 206

Designated by the German Regulator Bundesnetzagentur to act as a
Recognised Foreign Conformity Assessment Body in accordance with the Japan-EC MRA

CONSTRUCTION TYPE CONFORMITY CERTIFICATE
for
Specified Radio Equipment

Registration No.	JU000579J
Certificate Holder	SC Bitdefender SRL 24 Delea Veche St. Offices Building A, floor 7, district 2 024102 Bucharest Romania
Product Category	Article 2, Paragraph 1, Item 19 (WW) Article 2, Paragraph 1, Item 19-2 (GZ) Article 2, Paragraph 1, Item 19-3 (XW)
Product Designation	Bitdefender BOX 2 Smart Home Cybersecurity Hub
Product Description	2.4 GHz / 5 GHz Data Communication System
Software Release No.	2.0.1-22~7246625
Manufacturer	SC Bitdefender SRL 24 Delea Veche St. Offices Building A, floor 7, district 2 024102 Bucharest Romania

When the product is placed on the Japanese market, it must carry the Specified Radio Equipment marking as shown on the right

R 206-000579

The scope of evaluation relates to the submitted documents only.

This Certificate confirms that the listed product has demonstrated conformity with the relevant technical regulations defined in the attached Annex. It is only valid in conjunction with the Annex.

Unterleinleiter,
2017-12-13

Kai Heinrichs
Recognised Foreign Conformity Assessment Body

Technical Construction File (TCF) Details

Product Category: **Article 2, Paragraph 1, Item 19 (WW)**

Technical Standards and Specifications

The product complies with:

Ordinance Regulating Radio Equipment No. 18, 2006

Chapter I	General Provisions
Chapter II	Transmitting Equipment
Chapter III	Receiving Equipment
Chapter IV	Article 49.20

Documentation submitted for the Construction Type Certification

Test Report No.	Issue Date	Issued by
EMCC-160578ADA	2017-12-06	EMCCons DR. RAŠEK GmbH & Co. KG

Product documentation
- Antenna specifications
- Block diagram
- PCB layout
- Label and Label Location
- External / Internal photos
- Schematic diagrams
- User Manual

Quality System documentation
- ISO 9001 Certificate for manufacturer

Technical characteristics

Type of modulation:	CCK, OFDM
Emission designator:	G1D, D1D
Operating frequency range:	2412 – 2472 MHz (802.11b/g/n-HT20) 2422 – 2462 MHz (802.11n-HT40)
Maximum measured output power density:	5.51 mw/MHz (802.11b/g/n-HT20) 2.72 mW/MHz (802.11n-HT40)
Maximum antenna gain:	5.0 dBi

Other information

The device is certified for operation with the following antenna(s):
- N2420DGY-T-PK1-G90S4, Gain: 3.5 dBi
- N2410DSY-T8B-PK1-G80S4, Gain: 5.0 dBi
- N2410DSMY-T8B-PK1-G80S4, Gain: 4.6 dBi

Technical Construction File (TCF) Details

Product Category: **Article 2, Paragraph 1, Item 19-2 (GZ)**

Technical Standards and Specifications

The product complies with:

Ordinance Regulating Radio Equipment No. 18, 2006

Chapter I	General Provisions
Chapter II	Transmitting Equipment
Chapter III	Receiving Equipment
Chapter IV	Article 49.20

Documentation submitted for the Construction Type Certification

Test Report No.	Issue Date	Issued by
EMCC-160578ADA	2017-12-06	EMCCons DR. RAŠEK GmbH & Co. KG

Product documentation
- Antenna specifications
- Block diagram
- PCB layout
- Label and Label Location
- External / Internal photos
- Schematic diagrams
- User Manual

Quality System documentation
- ISO 9001 Certificate for manufacturer

Technical characteristics

Type of modulation:	CCK
Emission designator:	G1D
Operating frequency range:	2484 MHz
Maximum measured output power density:	3.25 mW/MHz
Maximum antenna gain:	5 dBi

Other information

The device is certified for operation with the following antenna(s):
- N2420DGY-T-PK1-G90S4, Gain: 3.5 dBi
- N2410DSY-T8B-PK1-G80S4, Gain: 5.0 dBi
- N2410DSMY-T8B-PK1-G80S4, Gain: 4.6 dBi

Technical Construction File (TCF) Details

Product Category: **Article 2, Paragraph 1, Item 19-3 (XW)**

Technical Standards and Specifications

The product complies with:

Ordinance Regulating Radio Equipment No. 18, 2006

Chapter I	General Provisions
Chapter II	Transmitting Equipment
Chapter III	Receiving Equipment
Chapter IV	Article 49.20

Documentation submitted for the Construction Type Certification

Test Report No.	Issue Date	Issued by
EMCC-160578AE	2017-11-29	EMCCons DR. RAŠEK GmbH & Co. KG

Product documentation
- Antenna specifications
- Block diagram
- PCB layout
- Label and Label Location
- External / Internal photos
- Schematic diagrams
- User Manual

Quality System documentation
- ISO 9001 Certificate for manufacturer

Technical characteristics

Type of modulation:	OFDM
Emission designator:	G1D, D1D
Operating frequency range:	5180 – 5240 MHz (802.11a/n-HT20/ac-VHT20) 5190 – 5230 MHz (802.11n-HT40/ac-VHT40) 5210 MHz (802.11ac-VHT80)
Maximum measured output power density:	3.30 mW/MHz (802.11a/n-HT20/ac-VHT20) 1.65 mW/MHz (802.11n-HT40/ac-VHT40) 0.83 mW/MHz (802.11ac-VHT80)
Maximum antenna gain:	5.2 dBi

Other information

The device is certified for operation with the following antenna(s):
- N2420DGY-T-PK1-G90S4, Gain: 4.2 dBi
- N2410DSY-T8B-PK1-G80S4, Gain: 4.8 dBi
- N2410DSMY-T8B-PK1-G80S4, Gain: 5.2 dBi