

# Certificate

of  
Radio Equipment in JAPAN

No: 201-160052 / 00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Terminal equipment (ordinance of MPT N° 31,1984)

Product description: **Sophos wireless Access Point AP 15C**

Trademark: **SOPHOS**

Type designation: **AP 15C**

Variants: --

Manufacturer: **EDIMAX TECHNOLOGY CO., LTD.**

Address: **No.3, Wu-Chuan 3rd Road, Wu-Ku Industrial Park,**

City: **New Taipei City,**

Country: **Taiwan**

This statement is granted to:

Name: **Sophos Ltd**

Address: **The Pentagon,**

City: **OX14 3YP, Abingdon,**

Country: **United Kingdom**

This statement has THREE Annexes.

Zevenaar, 28 January 2016

**CAB**



Marcus Jansen  
Senior Product Assessor





- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



**R** 201-160052

#### Remarks and observations

The following conditions are applicable:

MIMO: 2T/2R in 2.4GHz and 5GHz

Antennas for IEEE 802.11a/b/g/n:

PIFA antenna, max gain of 3.85 dBi at 2.4 GHz and max gain of 6.66 dBi at 5 GHz

Antennas for IEEE 802.11a/b/g/n:

PIFA antenna, max gain of 3.51 dBi at 2.4 GHz and max gain of 6.52 dBi at 5 GHz

## Documentation lodged for this type-examination

### Test Reports:

- Sporton International Inc.: JR5D0101WW, 26 January 2016
- Sporton International Inc.: JR5D0101WZ, 26 January 2016

### Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual

## Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions

Chapter II, Transmitting equipment

Chapter III, Receiving Equipment

Chapter IV, section 4.17 article 49.20

Radio equipment specified in:

Item (19) of article 2, paragraph 1

Item (19)-3 of article 2, paragraph 1



## Technical features and characteristics

The product includes the following features and characteristics:

### IEEE 802.11a

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 16M9D1D
- Maximum output power: 2.16 mW/MHz rated

### IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 11M9G1D
- Maximum output power: 6.71 mW/MHz rated

### IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 17M4D1D
- Maximum output power: 6.65 mW/MHz rated

### IEEE 802.11n 40 MHz

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: 36M4D1D
- Maximum output power: 4.91 mW/MHz rated

### IEEE 802.11n 40 MHz

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 36M3D1D
- Maximum output power: 1.04 mW/MHz rated

### IEEE 802.11n 20 MHz

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 17M9D1D
- Maximum output power: 6.68 mW/MHz rated

### IEEE 802.11n 20 MHz

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 18M0D1D
- Maximum output power: 2.15 mW/MHz rated



The product as described in this Certificate includes the following type designations:

- Product description: Sophos wireless Access Point AP 15C
- Trademark: SOPHOS
- Type designation: AP 15C