

JAPAN MIC
TYPE CERTIFICATION FOR RADIO EQUIPMENT
CERTIFICATE NUMBER 217-230968

CERTIFICATE HOLDER

Company Name	:	Sophos Ltd
Postal Address	:	The Pentagon, Abingdon Science Park, Abingdon, OX14 3YP, United Kingdom
Representative Name	:	Stuart Fillingham

PRODUCT DESCRIPTION

Manufacturer Name	:	Sophos Ltd
Product Name	:	Sophos Access Point
Model Number(s)	:	AP6 420E
Trademark/Trade Name	:	SOPHOS

PRODUCT SPECIFICATIONS

Type of radio equipment: Low power data communications system in the 2.4GHz band								
Category of the Specified Radio Equipment (Certification Ordinance): Article 2 Paragraph 1 of Item 19								
Technology	Necessary Bandwidth	Class of Emissions	Frequency Range (MHz) Lowest - Highest		Channel Spacing (MHz)	No. of Channel	Antenna Output Power	Antenna Type/Gain
IEEE 802.11b	13M4	G1D	2412	2472	5 MHz	13	6.08135 mW/MHz	PIFA, 4.2dBi, 3.8dBi
IEEE 802.11g	16M3	D1D	2412	2472	5 MHz	13	6.10942 mW/MHz	
IEEE 802.11 n(HT20),VHT20, ax(HEW20)	18M9	D1D	2412	2472	5 MHz	13	6.10942 mW/MHz	
IEEE 802.11 n(HT40),VHT40, ax(HEW40)	37M8	D1D	2422	2462	5 MHz	9	3.06196 mW/MHz	

Type of radio equipment: Low power data communications system in the 5GHz band								
Category of the Specified Radio Equipment (Certification Ordinance): Article 2 Paragraph 1 of Item 19-3								
Technology	Necessary Bandwidth	Class of Emissions	Frequency Range (MHz) Lowest - Highest		Channel Spacing (MHz)	No. of Channel	Antenna Output Power	Antenna Type/Gain
IEEE 802.11a	16M3	D1D	5180	5240	20 MHz	4	2.77332 mW/MHz	PIFA, 5.5dBi, 4.8dBi
IEEE 802.11 4.8dBi n(HT20), ac(VHT20), ax(HEW20)	18M9	D1D	5180	5240	20 MHz	4	2.77332 mW/MHz	
IEEE 802.11 n(HT40), ac(VHT40), ax(HEW40)	37M7	D1D	5190	5230	40 MHz	2	1.40281 mW/MHz	

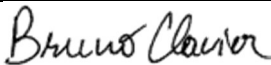
Type of radio equipment: Low power data communications system in the 5GHz band								
Category of the Specified Radio Equipment (Certification Ordinance): Article 2 Paragraph 1 of Item 19-3								
Technology	Necessary Bandwidth	Class of Emissions	Frequency Range (MHz) Lowest - Highest		Channel Spacing (MHz)	No. of Channel	Antenna Output Power	Antenna Type/Gain
IEEE 802.11 ac(VHT80), ax(HEW80)	76M6	D1D	5210	5210	-	1	0.69984 mW/MHz	PIFA, 5.5dBi, 4.8dBi
IEEE 802.11 ax(HEW160)	154M	D1D	5250	5250	-	1	0.32810 mW/MHz	
IEEE 802.11a	16M3	D1D	5260	5320	20 MHz	4	2.77332 mW/MHz	
IEEE 802.11 n(HT20), ac(VHT20), ax(HEW20)	18M9	D1D	5260	5320	20 MHz	4	2.77332 mW/MHz	
IEEE 802.11 n(HT40), ac(VHT40), ax(HEW40)	37M6	D1D	5270	5310	40 MHz	2	1.40281 mW/MHz	
IEEE 802.11 ac(VHT80), ax(HEW80)	76M6	D1D	5290	5290	-	1	0.69984 mW/MHz	
IEEE 802.11a	16M3	D1D	5500	5720	20 MHz	12	9.79490 mW/MHz	
IEEE 802.11 n(HT20), ac(VHT20), ax(HEW20)	18M9	D1D	5500	5720	20 MHz	12	9.79490 mW/MHz	
IEEE 802.11 n(HT40), ac(VHT40), ax(HEW40)	37M6	D1D	5510	5710	40 MHz	6	4.80839 mW/MHz	
IEEE 802.11 ac(VHT80), ax(HEW80)	76M9	D1D	5530	5690	80 MHz	3	2.41546 mW/MHz	
IEEE 802.11 ax(HEW160)	154M	D1D	5570	5570	-	1	1.16950 mW/MHz	

Type of radio equipment: Low power data communications system in the 6GHz band								
Category of the Specified Radio Equipment (Certification Ordinance): Article 2 Paragraph 1 of Item 80								
Technology	Necessary Bandwidth	Class of Emissions	Frequency Range (MHz) Lowest - Highest		Channel Spacing (MHz)	No. of Channel	Antenna Output Power	Antenna Type/Gain
IEEE 802.11 ax(HEW20)	18M8	D1D	5955	6415	20 MHz	24	2.75423 mW/MHz	PIFA, 5.5dBi, 5.4dBi
IEEE 802.11 ax(HEW40)	37M5	D1D	5965	6405	40 MHz	12	1.37404 mW/MHz	
IEEE 802.11 ax(HEW80)	76M7	D1D	5985	6385	80 MHz	6	0.69024 mW/MHz	
IEEE 802.11 ax(HEW160)	155M	D1D	6025	6345	160 MHz	3	0.35075 mW/MHz	

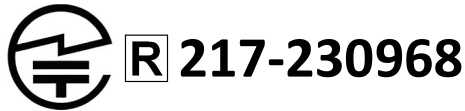


Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as a Registered Certification Body (217) recognized by Japan MIC, declares that the listed product is in conformity with the Technical Regulations Conformity Certification of Specified Radio Equipment, and the following Technical Specifications:

RECOGNIZED CERTIFICATION BODY

Certificate issued by	:	TIMCO Engineering, Inc. (217)		
Name and Signature	:	Bruno Clavier		Date: September 02, 2023

The products placed on the Japanese market must bear the following marking:



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