



Project No: TM-2403000388P
Report No.: TMWK2403000829KS

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RF Exposure Evaluation Report

FCC 47 CFR § 2.1091

for
Module

Model: SKI.WB921AU.1

Prepared for:

D'Crypt Pte Ltd

11 Bishan Street 21, #06-01, Singapore 573943

Prepared by

Compliance Certification Services Inc.

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Issued Date: February 7, 2025

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	February 7, 2025	Initial Issue	ALL	Peggy Tsai

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1 Attestation of Test Results

Applicant	D'Crypt Pte Ltd 11 Bishan Street 21, #06-01, Singapore 573943
Manufacturer	Pronology Services Inc 6F, NO. 48, Wu-Chuan Rd., Wu-Ku Industrial Park New Taipei City.
Model Name	Module
Applicable Standards	FCC 47 CFR § 2.1091 FCC 47 CFR § 1.1307 FCC 47 CFR § 1.1310 Published RF exposure KDB procedures
Receive EUT Date:	March 27, 2024
Compliance Certification Services Inc. , tested the above equipment in accordance with the requirements set forth in the above standards. Determination of compliance is based on the results of the compliance measurement,not taking into account measurement instrumentation uncertainty.All indications of Pass/Fail in this report are opinions expressed by Compliance Certification Services Inc, based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.	
Approved & Released By: 	
Sky Zhou Asst. Section Manager Compliance Certification Services Inc.	

2 Test Specification, Methods and Procedures

The tests documented in this report were performed in accordance with FCC 47 CFR § 2.1091, the following FCC Published RF exposure [KDB](#) procedures:

- 447498 D04 Interim General RF Exposure Guidance v01
- 865664 D02 RF Exposure Reporting v01r02



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3 Device Under Test (DUT) Information

3.1 DUT Description

Product	Module
Trade Name	N/A
Model No.	SKI.WB921AU.1
Host Equipment	Secure Computing Anywhere
Host Model	SCA-LE
Host Brand Name	Secure Computing Anywhere
Model Discrepancy	N/A
Software Version	0.2.0
Hardware Version	2.1
Sample Stage	Identical prototype

3.2 Wireless Technologies

Frequency bands	☒ Bluetooth: 2402MHz-2480MHz ☒ 802.11b/g/n HT20/ax HE20: 2412MHz ~ 2462 MHz ☒ 802.11n HT40/ax HE40: 2422MHz ~ 2452MHz ☒ 802.11a/n HT20: 5180MHz ~ 5240MHz / 5260MHz ~ 5320MHz / 5500MHz ~ 5720MHz / 5745MHz ~ 5825MHz ☒ 802.11ac VHT20: 5180MHz ~ 5240MHz / 5260MHz ~ 5320MHz / 5500MHz ~ 5720MHz / 5745MHz ~ 5825MHz ☒ 802.11ax HE20: 5180MHz ~ 5240MHz / 5260MHz ~ 5320MHz / 5500MHz ~ 5720MHz / 5745MHz ~ 5825MHz ☒ 802.11n HT40: 5190MHz ~ 5230MHz / 5270MHz ~ 5310MHz / 5510MHz ~ 5710MHz / 5755MHz ~ 5795MHz ☒ 802.11ac VHT40: 5190MHz ~ 5230MHz / 5270MHz ~ 5310MHz / 5510MHz ~ 5710MHz / 5755MHz ~ 5795MHz ☒ 802.11ax HE40: 5190MHz ~ 5230MHz / 5270MHz ~ 5310MHz / 5510MHz ~ 5710MHz / 5755MHz ~ 5795MHz ☒ 802.11ac VHT80: 5210MHz / 5290MHz / 5530MHz ~ 5690MHz / 5775MHz ☒ 802.11ax HE80: 5210MHz / 5290MHz / 5530MHz ~ 5690MHz / 5775MHz ☐ 802.11ac VHT160: 5250 MHz / 5570 MHz ☐ 802.11ax HE160: 5250 MHz / 5570 MHz ☐ Others: Zigbee: 2405MHz-2480MHz
Exposure classification	☐ Occupational/Controlled exposure ☒ General Population/Uncontrolled exposure

Antenna Specification

PIFA Antenna

Bluetooth:

AWAN / AYP6P-100036
Gain: 1.69 dBi

WIFI 2.4G:

AWAN / AYP6P-100034
Chain 0: Gain: 1.76 dBi
AWAN / AYP6P-100035
Chain 1: Gain: 2.33 dBi
Direction Gain: 2.05 dBi

WIFI 5G:

Chain0: AWAN / AYP6P-100034
Chain1: AWAN / AYP6P-100035

	Chain 0	Chain 1	Direction Gain:
5150 ~ 5250 MHz	0.29 dBi	2.25 dBi	1.38 dBi
5250 ~ 5350 MHz	-0.17 dBi	2.92 dBi	1.64 dBi
5470 ~ 5725 MHz	1.57 dBi	3.52 dBi	2.65 dBi
5725 ~ 5875 MHz	2.4 dBi	3.74 dBi	3.12 dBi

BLE		Antenna Gain:	
		1.69 dBi	(Numeric gain: 1.48)
2.4GHz: Chain 0		1.76 dBi	(Numeric gain: 1.50)
2.4GHz: Chain 1		2.33 dBi	(Numeric gain: 1.71)
Direction Gain		2.05 dBi	(Numeric gain: 1.60) Worst
5GHz(Band 1) Chain 0		0.29 dBi	(Numeric gain: 1.07)
5GHz(Band 1) Chain 1		2.25 dBi	(Numeric gain: 1.68)
Direction Gain		1.38 dBi	(Numeric gain: 1.37) Worst
5GHz(Band 2) Chain 0		-0.17 dBi	(Numeric gain: 0.96) Worst
5GHz(Band 2) Chain 1		2.92 dBi	(Numeric gain: 1.96) Worst
Direction Gain		1.64 dBi	(Numeric gain: 1.46) Worst
5GHz(Band 3) Chain 0		1.57 dBi	(Numeric gain: 1.44) Worst
5GHz(Band 3) Chain 1		3.52 dBi	(Numeric gain: 2.25) Worst
Direction Gain		2.65 dBi	(Numeric gain: 1.84) Worst
5GHz(Band 4) Chain 0		2.40 dBi	(Numeric gain: 1.74)
5GHz(Band 4) Chain 1		3.74 dBi	(Numeric gain: 2.37)
Direction Gain		3.12 dBi	(Numeric gain: 2.05) Worst

Maximum
Tune up
power

BT	9.00 dBm	(7.943 mW)
BLE	8.00 dBm	(6.31 mW)

2.4GHz

IEEE 802.11b (Ch0)	17.00 dBm	(50.119 mW)
IEEE 802.11b (Ch1)	14.00 dBm	(25.119 mW)
IEEE 802.11g (Ch0)	14.50 dBm	(28.18 mW)
IEEE 802.11g (Ch1)	15.50 dBm	(35.48 mW)
IEEE 802.11n HT 20 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11n HT 40 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11ax HE 20 (Multiple)	17.50 dBm	(56.23 mW)
IEEE 802.11ax HE 40 (Multiple)	17.50 dBm	(56.23 mW)

5GHz (U-NII-1)

IEEE 802.11a (Ch0)	16.50 dBm	(44.668 mW)
IEEE 802.11a (Ch1)	16.00 dBm	(39.811 mW)
IEEE 802.11n HT 20 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11n HT 40 (Multiple)	16.50 dBm	(44.67 mW)
IEEE 802.11ac VHT 20 (Multiple)	16.50 dBm	(44.67 mW)
IEEE 802.11ac VHT 40 (Multiple)	16.50 dBm	(44.67 mW)
IEEE 802.11ac VHT 80 (Multiple)	16.00 dBm	(39.81 mW)
IEEE 802.11ax HE 20 (Multiple)	16.50 dBm	(44.67 mW)
IEEE 802.11ax HE 40 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11ax HE 80 (Multiple)	16.50 dBm	(44.67 mW)

5GHz (U-NII-2A)

IEEE 802.11a (Ch0)	14.50 dBm	(28.18 mW)
IEEE 802.11a (Ch1)	14.00 dBm	(25.12 mW)
IEEE 802.11n HT 20 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11n HT 40 (Multiple)	16.00 dBm	(39.81 mW)
IEEE 802.11ac VHT 20 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11ac VHT 40 (Multiple)	16.00 dBm	(39.81 mW)
IEEE 802.11ac VHT 80 (Multiple)	15.50 dBm	(35.48 mW)
IEEE 802.11ax HE 20 (Multiple)	17.50 dBm	(56.23 mW)
IEEE 802.11ax HE 40 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11ax HE 80 (Multiple)	15.00 dBm	(31.62 mW)

5GHz (U-NII-2C)

IEEE 802.11a (Ch0)	15.00 dBm	(31.62 mW)
IEEE 802.11a (Ch1)	15.50 dBm	(35.48 mW)
IEEE 802.11n HT 20 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11n HT 40 (Multiple)	17.50 dBm	(56.23 mW)
IEEE 802.11ac VHT 20 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11ac VHT 40 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11ac VHT 80 (Multiple)	17.50 dBm	(56.23 mW)
IEEE 802.11ax HE 20 (Multiple)	17.50 dBm	(56.23 mW)
IEEE 802.11ax HE 40 (Multiple)	17.50 dBm	(56.23 mW)
IEEE 802.11ax HE 80 (Multiple)	16.50 dBm	(44.67 mW)

Maximum Tune up power	5GHz (U-NII-3)		
	IEEE 802.11a (Ch0)	15.00 dBm	(31.62 mW)
	IEEE 802.11a (Ch1)	16.00 dBm	(39.81 mW)
	IEEE 802.11n HT 20 (Multiple)	17.00 dBm	(50.12 mW)
	IEEE 802.11n HT 40 (Multiple)	17.50 dBm	(56.23 mW)
	IEEE 802.11ac VHT 20 (Multiple)	16.50 dBm	(44.67 mW)
	IEEE 802.11ac VHT 40 (Multiple)	16.50 dBm	(44.67 mW)
	IEEE 802.11ac VHT 80 (Multiple)	16.50 dBm	(44.67 mW)
	IEEE 802.11ax HE 20 (Multiple)	17.00 dBm	(50.12 mW)
	IEEE 802.11ax HE 40 (Multiple)	17.00 dBm	(50.12 mW)
IEEE 802.11ax HE 80 (Multiple)	16.50 dBm	(44.67 mW)	

Class II Permissive Change	1. Request approval for mobile category specific host, host model number – SCA-LE with antenna, model number: AYP6P-100034 (WiFi MAIN Antenna), AYP6P-100035 (WiFi AUX Antenna) and AYP6P-100036 (BT Antenna). 2. When modules are migrated to the host, BT1 antenna is not connected and is disabled by default. Other RF functions remain unchanged. RF output power and Radiation emissions were performed to verify RF compliance.
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Notes:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.
3. The power referred the Tune up power of the test report TMWK2403000827KR, TMWK2403000828KR, TMWK2406001982KR and TMWK2406001983KR for RF Exposure assessment purpose.

4 Maximum Permissible Exposure

4.1 Limits for Maximum Permissible Exposure (MPE)

Table 1 - Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	* 100	6
3.0-30	1842/f	4.89/f	* 900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	* 100	30
1.34-30	824/f	2.19/f	* 180/f ²	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
<u>1,500-100,000</u>			1.0	30

4.2 MPE Calculation Method

Calculation

Given $E = \frac{\sqrt{30 \times P \times G}}{d}$ & $S = \frac{E^2}{377}$

Where E = Field strength in Volts / meter

P = Power in Watts

G = Numeric antenna gain

d = Distance in meters

S = Power density in milliwatts / square centimeter

Combining equations and re-arranging the terms to express the distance as a function of the remaining variables yields:

$$S = \frac{30 \times P \times G}{377 d^2}$$

Changing to units of mW and cm, using:

$$P \text{ (mW)} = P \text{ (W)} / 1000 \text{ and}$$

$$d \text{ (cm)} = d \text{ (m)} / 100$$

Yields

$$S = \frac{30 \times (P/1000) \times G}{377 \times (d/100)^2} = 0.0796 \times \frac{P \times G}{d^2} \text{ Equation 1}$$

Where d = Distance in cm

P = Power in mW

G = Numeric antenna gain

S = Power density in mW / cm²

If, Substituting the MPE safe distance using d = 20 cm into Equation 1:

$$S = 0.000199 \times P \times G$$

4.3 MPE EXEMPTION

- (A) The available maximum time-averaged power is no more than 1 mW
- (B) The available maximum time-averaged power or effective radiated power (ERP), whichever is greater, is less than or equal to the threshold P_{th} (mW) described in the following formula. This method shall only be used at separation distances (cm) from 0.5 centimeters to 40 centimeters and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by:

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

and

$$ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

d = the separation distance (cm);

- (C) Using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda/4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

Single RF Sources Subject to Routine Environmental Evaluation	
RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.
Note: R is in meters, f is in MHz.	

4.4 Multiple RF sources

In the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation),

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$



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5 MPE Exemption Option B

Bluetooth

Mode	Frequency (MHz)	R(m)	Max Tune-up power (dBm)	G(dBi)	Max Tune-up EIRP (dBm)	Max Tune-up ERP (dBm)	Max Tune-up ERP (mW)	ERP Threshold (mW)	MPE Exemption
BT	2480.00	0.2	9.0	1.69	10.69	8.54	7.145	3060	Complies
BLE	2480.00	0.2	8.0	1.69	9.69	7.54	5.675	3060	Complies

WIFI 2.4GHz (DTS)

Mode	Frequency (MHz)	R(m)	Max Tune-up power (dBm)	G(dBi)	Max Tune-up EIRP (dBm)	Max Tune-up ERP (dBm)	Max Tune-up ERP (mW)	ERP Threshold (mW)	MPE Exemption
IEEE 802.11b (Ch0)	2437.00	0.2	17.0	1.76	18.76	16.61	45.814	3060	Complies
IEEE 802.11b (Ch1)	2462.00	0.2	14.0	2.33	16.33	14.18	26.182	3060	Complies
IEEE 802.11g (Ch0)	2437.00	0.2	14.5	1.76	16.26	14.11	25.763	3060	Complies
IEEE 802.11g (Ch1)	2462.00	0.2	15.5	2.33	17.83	15.68	36.983	3060	Complies
IEEE 802.11n HT 20 (Multiple)	2412.00	0.2	17.0	2.05	19.05	16.90	48.978	3060	Complies
IEEE 802.11n HT 40 (Multiple)	2452.00	0.2	17.0	2.05	19.05	16.90	48.978	3060	Complies
IEEE 802.11ax HE 20 (Multiple)	2462.00	0.2	17.5	2.05	19.55	17.40	54.954	3060	Complies
IEEE 802.11ax HE 40 (Multiple)	2452.00	0.2	17.5	2.05	19.55	17.40	54.954	3060	Complies

WIFI 5.2GHz (U-NII 1)

Mode	Frequency (MHz)	R(m)	Max Tune-up power (dBm)	G(dBi)	Max Tune-up EIRP (dBm)	Max Tune-up ERP (dBm)	Max Tune-up ERP (mW)	ERP Threshold (mW)	MPE Exemption
IEEE 802.11a (Ch0)	5240.00	0.2	16.5	0.29	16.79	14.64	29.107	3060	Complies
IEEE 802.11a (Ch1)	5240.00	0.2	16.0	2.25	18.25	16.10	40.738	3060	Complies
IEEE 802.11n HT 20 (Multiple)	5240.00	0.2	17.0	1.38	18.38	16.23	41.976	3060	Complies
IEEE 802.11n HT 40 (Multiple)	5230.00	0.2	16.5	1.38	17.88	15.73	37.411	3060	Complies
IEEE 802.11ac VHT 20 (Multiple)	5240.00	0.2	16.5	1.38	17.88	15.73	37.411	3060	Complies
IEEE 802.11ac VHT 40 (Multiple)	5230.00	0.2	16.5	1.38	17.88	15.73	37.411	3060	Complies
IEEE 802.11ac VHT 80 (Multiple)	5210.00	0.2	16.0	1.38	17.38	15.23	33.343	3060	Complies
IEEE 802.11ax HE 20 (Multiple)	5240.00	0.2	16.5	1.38	17.88	15.73	37.411	3060	Complies
IEEE 802.11ax HE 40 (Multiple)	5230.00	0.2	17.0	1.38	18.38	16.23	41.976	3060	Complies
IEEE 802.11ax HE 80 (Multiple)	5210.00	0.2	16.5	1.38	17.88	15.73	37.411	3060	Complies

WIFI 5.3GHz (U-NII 2A)

Mode	Frequency (MHz)	R(m)	Max Tune-up power (dBm)	G(dBi)	Max Tune-up EIRP (dBm)	Max Tune-up ERP (dBm)	Max Tune-up ERP (mW)	ERP Threshold (mW)	MPE Exemption
IEEE 802.11a (Ch0)	5320.00	0.2	14.5	-0.17	14.33	12.18	16.520	3060	Complies
IEEE 802.11a (Ch1)	5320.00	0.2	14.0	2.92	16.92	14.77	29.992	3060	Complies
IEEE 802.11n HT 20 (Multiple)	5320.00	0.2	17.0	1.64	18.64	16.49	44.566	3060	Complies
IEEE 802.11n HT 40 (Multiple)	5310.00	0.2	16.0	1.64	17.64	15.49	35.400	3060	Complies
IEEE 802.11ac VHT 20 (Multiple)	5320.00	0.2	17.0	1.64	18.64	16.49	44.566	3060	Complies
IEEE 802.11ac VHT 40 (Multiple)	5310.00	0.2	16.0	1.64	17.64	15.49	35.400	3060	Complies
IEEE 802.11ac VHT 80 (Multiple)	5290.00	0.2	15.5	1.64	17.14	14.99	31.550	3060	Complies
IEEE 802.11ax HE 20 (Multiple)	5320.00	0.2	17.5	1.64	19.14	16.99	50.003	3060	Complies
IEEE 802.11ax HE 40 (Multiple)	5310.00	0.2	17.0	1.64	18.64	16.49	44.566	3060	Complies
IEEE 802.11ax HE 80 (Multiple)	5290.00	0.2	15.0	1.64	16.64	14.49	28.119	3060	Complies

WIFI 5.5GHz (U-NII 2C)

Mode	Frequency (MHz)	R(m)	Max Tune-up power (dBm)	G(dBi)	Max Tune-up EIRP (dBm)	Max Tune-up ERP (dBm)	Max Tune-up ERP (mW)	ERP Threshold (mW)	MPE Exemption
IEEE 802.11a (Ch0)	5720.00	0.2	15.0	1.57	16.57	14.42	27.669	3060	Complies
IEEE 802.11a (Ch1)	5720.00	0.2	15.5	3.52	19.02	16.87	48.641	3060	Complies
IEEE 802.11n HT 20 (Multiple)	5720.00	0.2	17.0	2.65	19.65	17.50	56.234	3060	Complies
IEEE 802.11n HT 40 (Multiple)	5710.00	0.2	17.5	2.65	20.15	18.00	63.096	3060	Complies
IEEE 802.11ac VHT 20 (Multiple)	5720.00	0.2	17.0	2.65	19.65	17.50	56.234	3060	Complies
IEEE 802.11ac VHT 40 (Multiple)	5710.00	0.2	17.0	2.65	19.65	17.50	56.234	3060	Complies
IEEE 802.11ac VHT 80 (Multiple)	5690.00	0.2	17.5	2.65	20.15	18.00	63.096	3060	Complies
IEEE 802.11ax HE 20 (Multiple)	5720.00	0.2	17.5	2.65	20.15	18.00	63.096	3060	Complies
IEEE 802.11ax HE 40 (Multiple)	5710.00	0.2	17.5	2.65	20.15	18.00	63.096	3060	Complies
IEEE 802.11ax HE 80 (Multiple)	5690.00	0.2	16.5	2.65	19.15	17.00	50.119	3060	Complies

WIFI 5.8GHz (U-NII 3)

Mode	Frequency (MHz)	R(m)	Max Tune-up power (dBm)	G(dBi)	Max Tune-up EIRP (dBm)	Max Tune-up ERP (dBm)	Max Tune-up ERP (mW)	ERP Threshold (mW)	MPE Exemption
IEEE 802.11a (Ch0)	5825.00	0.2	15.0	2.40	17.40	15.25	33.497	3060	Complies
IEEE 802.11a (Ch1)	5825.00	0.2	16.0	3.74	19.74	17.59	57.412	3060	Complies
IEEE 802.11n HT 20 (Multiple)	5825.00	0.2	17.0	3.12	20.12	17.97	62.661	3060	Complies
IEEE 802.11n HT 40 (Multiple)	5795.00	0.2	17.5	3.12	20.62	18.47	70.307	3060	Complies
IEEE 802.11ac VHT 20 (Multiple)	5825.00	0.2	16.5	3.12	19.62	17.47	55.847	3060	Complies
IEEE 802.11ac VHT 40 (Multiple)	5795.00	0.2	16.5	3.12	19.62	17.47	55.847	3060	Complies
IEEE 802.11ac VHT 80 (Multiple)	5775.00	0.2	16.5	3.12	19.62	17.47	55.847	3060	Complies
IEEE 802.11ax HE 20 (Multiple)	5825.00	0.2	17.0	3.12	20.12	17.97	62.661	3060	Complies
IEEE 802.11ax HE 40 (Multiple)	5795.00	0.2	17.0	3.12	20.12	17.97	62.661	3060	Complies
IEEE 802.11ax HE 80 (Multiple)	5775.00	0.2	16.5	3.12	19.62	17.47	55.847	3060	Complies

6 Simultaneous Transmission Analysis

In the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation),

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Simultaneous Transmission Condition

RF Exposure Condition	Item	Capable Transmit Configurations		
	1	DTS	+	BT
	2	U-NII	+	BT

6.1 Sum of the WIFI 2.4GHz + Bluetooth

WiFi 2.4GHz + Bluetooth

Mode	Frequency (MHz)	Max Tune-up ERP(mW)	ERP Threshold(mW)	simultaneous Transmission	simultaneous Transmission Limit
WiFi 2.4GHz	2452.00	54.954	3060	0.020	≤1
Bluetooth	2480.00	7.145	3060		

6.2 Sum of the WIFI 5GHz + Bluetooth

WiFi 5GHz + Bluetooth

Mode	Frequency (MHz)	Max Tune-up ERP(mW)	ERP Threshold(mW)	simultaneous Transmission	simultaneous Transmission Limit
WiFi 5GHz	5795.00	70.307	3060	0.025	≤1
Bluetooth	2480.00	7.145	3060		

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7 Facilities

All measurement facilities used to collect the measurement data are located at

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.

☐ No. 12, Ln. 116, Wugong 3rd Rd., Wugu Dist., New Taipei City, Taiwan.

--End of Test Report--