

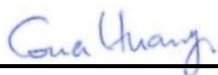
RF EXPOSURE EVALUATION REPORT

FCC ID : W7Z-WB025100
Equipment : 802.11a/b/g/n/ac/ax WLAN + BLE Radio
Module
Brand Name : California Eastern Laboratories
Model Name : CMP9605
Applicant : California Eastern Laboratories
5201 Great America Pkwy, Suite 320,
Santa Clara, California 95054
Standard : 47 CFR Part 2.1091

We, SPORTON INTERNATIONAL INC has been evaluated this product in accordance with 47 CFR Part2.1091 and it complies with applicable limit.

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 3786) and the FCC designation No. TW3786 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC evaluation.

The results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full



Approved by: Cona Huang / Deputy Manager



SPORTON INTERNATIONAL INC. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan



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History of this test report

Report No.	Version	Description	Issued Date
FA5O1607	Rev. 01	Initial issue of report	Jul. 06, 2026

**1. Description of Equipment Under Test (EUT)**

Product Feature & Specification	
Equipment	802.11a/b/g/n/ac/ax WLAN + BLE Radio Module
Brand Name	California Eastern Laboratories
Model Name	CMP9605
FCC ID	W7Z-WB025100
Wireless Technology and Frequency Range	WLAN 2.4GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5GHz Band: 5150 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz, 5725 MHz ~ 5850 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz
Mode	WLAN: 802.11a/b/g/n/ac/ax HT20/VHT20/HE20 Bluetooth LE 125K/500K/1M/2M

Reviewed by: Jason Wang**Report Producer: Carlie Tsai****2. Maximum RF Output Power**

Band	Antenna Gain (dBi)	Maximum Power (dBm)
2.4GHz WLAN	2.70	18.42
5.2GHz WLAN	4.60	16.15
5.3GHz WLAN	3.90	16.76
5.5GHz WLAN	3.60	16.47
5.8GHz WLAN	3.60	16.67
Bluetooth	2.70	6.61

3. RF Exposure Limit Introduction

According to ANSI/IEEE C95.1-1992, the criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

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 Exposures				
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
300-1500			f/300	6
1500-100,000			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
300-1500			f/1500	30
1500-100,000			1.0	30

The MPE was calculated at 20 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

$$S = \frac{PG}{4\pi R^2}$$

Where:

S = Power Density

P = Output Power at Antenna Terminals

G = Gain of Transmit Antenna (linear gain)

R = Distance from Transmitting Antenna

4. Radio Frequency Radiation Exposure Evaluation

Band	Antenna Gain (dBi)	Maximum Power (dBm)	Maximum EIRP (dBm)	Maximum PG (mW)	Power Density at 20cm (mW/cm ²)	Limit (mW/cm ²)
2.4GHz WLAN	2.70	18.42	21.12	129.42	0.026	1.000
5.2GHz WLAN	4.60	16.15	20.75	118.85	0.024	1.000
5.3GHz WLAN	3.90	16.76	20.66	116.41	0.023	1.000
5.5GHz WLAN	3.60	16.47	20.07	101.62	0.020	1.000
5.8GHz WLAN	3.60	16.67	20.27	106.41	0.021	1.000
Bluetooth	2.70	6.61	9.31	8.53	0.002	1.000

Conclusion:

According to 47 CFR §2.1091, the RF exposure analysis concludes that the RF Exposure is FCC compliant.