RF Exposure Compliance Requirement

Test Requirement:	FCC part 15 section 15.247 (i)
Test Method:	FCC part 15 section 1.1307 (b1) OET Bulletin 65, Edition 01-01
FCC ID:	WJHHCE001

Results: PASS

Systems operation under the provision of this section shall be operated in a manner that ensures the public is not exposed to radio frequency energy levels in excess of the Commission's guideline,

The EUT is considered as a fixed device according to OET Bulletin 65, Edition 01-01, therefore distance to human body of min. 20cm is determined.

Frequency Band:	2402MHz-2480MHz for BLE 2412MHz-2462MHz for WiFi
Device Category:	☐ Portable (< 20cm separation) ☒ Fixed (>20cm separation) ☐ Others :
Exposure Classification:	☐ Occupational/ Controlled exposure ☒ General Population / Uncontrolled exposure
Max. Output Power	21.0dBm for 2.4GWiFi 20.8dBm for 5GWiFi 6.19dBm for BLE
Antenna Gain	2.0dBi
Evaluation Applied:	☒ MPE Evaluation ☐ SAR Evaluation

MPE calculation:

For 2.4GWiFi:

The radiated (EIRP) = 126mW

The power density at 20cm from the antenna: = EIRP / $4\pi R^2$

= 0.025mW / cm^2 < 1.0mw / cm^2 (Refer to the following table)

For 5GWiFi:

The radiated (EIRP) = 120mW

The power density at 20cm from the antenna: = EIRP / $4\pi R^2$

= 0.024mW / cm^2 < 1.0mw / cm^2 (Refer to the following table)

For BLE:

The radiated (EIRP) = 4.16mW

The power density at 20cm from the antenna: = EIRP / $4\pi R^2$

= 0.00083mW / cm^2 < 1.0mw / cm^2 (Refer to the following table)

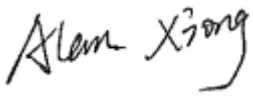
Limits for General Population/Uncontrolled Exposure [OET Bulletin 65, Edition 01-01]:

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm^2)	Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)
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

Reviewed by:

John Zhi
Project Manager

Prepared by:



Alan Xiong
Project Engineer