12. Radio Frequency Exposure

12.1 Radio Frequency Exposure Applicable Standards

	The available maximum time-averaged power is no more than 1 mW,								
§1.1307(b)(3)(i)(A)	regardless of se	eparation	n dis	stance.					
□ §1.1307(b)(3)(i)(c)	ERP is below a th	TAF SUBJ. RF Sour Frequer fL MHz 0.3 1.34 30 300 1,500 Subscrip	BLE DECT rce acy	Mhere R B.1—THE TO ROU' fH MHz 1.34 30 300 1,500 100,00 0 and H are	> λ / 2 RESHOLDS TINE ENVI Minimum λ_L / 2π 159 m 35.6 m 1.6 m 159 mm 31.8 mm	π. FOH RON um I	R SINGLE R IMENTAL I Distance $\lambda_{\rm H}/2\pi$ 35.6 m 1.6 m 159 mm 31.8 mm 0.5 mm is wavelength	RF SOURCES EVALUATION Threshold ERP W 1,920 R ² 3,450 R ² /f ² 3.83 R ² 0.0128 R ² f 19.2R ²	person and
	Device operates I power or effective Where	e radiated	300 d po	wer (ER $nW) = \begin{cases} E \\ E \end{cases}$ $x = -\log x$ ERP_{20}	P), whiches $RP_{20\ cm}(d/2RP_{20\ cm})$	ever $\frac{0}{cm}$	is greater $a \leq 20$ 20 cm $a \leq 20$ $a = \frac{1}{f}$ and f is in $a = 0$	f, <= Pth f cm f cm f cm f d f 40 cm f GHz; f z f c 1.5 GHz f z f c 6 GHz	ged

Report No.: 23040248-TRFCC01-A

Issued Date: Aug. 14, 2023

Cerpass Technology Corp.

T-FD-506-0 Ver 1.5 Page No. : 48 of 49 FCC ID. : SWX-UXG

ERPASS TECHNOLOGY CORP. Report No.: 23040248-TRFCC01-A

12.2 EUT Specification

<u> </u>						
	☐ WLAN: 2412MHz ~ 2462MHz					
Frequency band	☐ WLAN: 5250MHz ~ 5350MHz					
(Operating)	☐ WLAN: 5470MHz ~ 5725MHz					
	⊠ Bluetooth: 2402MHz ~ 2480MHz					
Device category	□ Portable (<20cm separation)					
Device category	☐ Mobile (>20cm separation)					
	Single antenna					
Antenna diversity	☐ Tx diversity					
	Rx diversity					
	Tx/Rx diversity					
	Blanket 1 mW Blanket Exemption					
Evaluation applied	MPE-based Exemption					
	SAR-based Exemption					
Remark:						
The maximum conducte	ed output power is <u>4.82dBm (3.034mW)</u> at <u>2402MHz</u> (with <u>2.50dBi</u>					
antenna gain.)						

12.3 Result

Channel	Max. Conducted	Max. Tune up Antenna		Max.Tune up	Max. Tune up	Limit
Frequency	output power	power	Gain(dBi)	e.r.p. Power	e.r.p power	(mW)
(MHz)	(dBm)	(dBm)	Gairi(ubi)	(dBm)	(mW)	(IIIVV)
2402-2480	4.82	5.32	2.5	5.67	3.69	3060

No non-compliance noted.

THE	ENID	\triangle E	DT

Cerpass Technology Corp. T-FD-506-0 Ver 1.5 Issued Date : Aug. 14, 2023
Page No. : 49 of 49
FCC ID. : SWX-UXG