

14. Radio Frequency Exposure

14.1 Applicable Standards

	The available maximum time-averaged power is no more than 1 mW,								
§1.1307(b)(3)(i)(A)	regardless of separation distance.								
□ §1.1307(b)(3)(i)(c)	ERP is below a th antenna / radiatin	g structu TAH SUBJ RF Sou <i>f</i> L MHz 0.3 1.34 300 300 1,500 Subscrip	IFE, V BLE I ECT rce Cy - - - - - - - - - - - - -	where R B.1—THF TO ROU ⁷ MHz 1.34 30 300 1,500 100,00 0 and H are	> λ / 2 RESHOLDS <u>TINE ENVI</u> <u>Minimu</u> $\lambda_L / 2\pi$ <u>159 m</u> <u>35.6 m</u> <u>1.6 m</u> <u>159 mm</u> <u>31.8 mm</u> low and hig	π. FOF RON um I - - - - - h; λ	R SINGLE R MENTAL I Distance $\lambda_{\rm H} / 2\pi$ 35.6 m 1.6 m 159 mm 31.8 mm 0.5 mm is wavelengt	EF 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 t
∑ § 1.1307(b)(3)(i)(B).	Device operates b power or effective where and	columns petween radiated	300 d po	MHz ar wer (ER nW) = $\begin{cases} E \\ E \\ c \\$	d 6 GHz a P), which $RP_{20 cm}(d/2)$ $RP_{20 cm}$ $g_{10}\left(\frac{60}{ERP_{20}}\right)$ cm (mW) =	and ever 20 cm 0 cm√.	the maxim is greater $d \le 20$ 20 cm \overline{f} and f is in	num time-avera $f_{r} <= Pth$ c cm $< d \le 40 cm$ n GHz; $z \le f < 1.5 GHz$ $z \le f \le 6 GHz$	aged

Cerpass Technology Corp.	Issued date	: Jul. 30, 2024
T-FD-507-0 Ver 1.6	Page No.	: 51 of 52
	FCC ID.	: I4L-MS-8ZBY



	WLAN: 2412MHz ~ 2462MHz WLAN: 5150MHz ~ 5250MHz					
Frequency band	WLAN: 5250MHz ~ 5350MHz					
• •						
(Operating)	U WLAN: 5470MHz ~ 5725MHz					
	U WLAN: 5725MHz ~ 5850MHz					
	SRD: 2402MHz ~ 2480MHz					
Device estagen	Portable (<20cm separation)					
Device category	Mobile (>20cm separation)					
	Single antenna					
	Multiple antennas					
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 conducted output power is <u>1.35dBm (1.365mW)</u> at <u>2480MHz</u> (with <u>0.00dBi</u>						
antenna gain.)						
<u> </u>						

14.1 EUT Specification

14.2 Result

		Max.	Max.	Max.						
Modulation	Channel	Conducted	Tune	Tune		Max.Tune	Max.Tune	Max.Tune	Distance	SAR test exclusion
Modulation	Frequency	output	up	up	Antenna	up e.i.r.p.	up e.r.p.	up e.r.p.		
Mode	(MHz)	power	power	power	Gain(dBi)	Power	Power	Power	(mm)	thresholds
		(dBm)	(dBm)	(mW)		(dBm)	(dBm)	(mW)		(mW)
GFSK	2402-2480	1.35	1.85	1.53	0.00	1.85	-0.30	0.93	5	3

No non-compliance noted.

-----THE END OF REPORT------