

## 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 se	eparatio	n dis	stance.					
 §1.1307(b)(3)(i)(c)	ERP is below a th antenna / radiatin	TAI SUBJ <b>RF Sou</b> <i>f</i> L MHz 0.3 1.34 30 300 1,500 Subscrip	IIE, N BLE 1 ECT rce acy - - - - - - - - - - - tts L 1.130	where R B.1—THI TO ROU <i>f</i> H MHz 1.34 30 300 1,500 100,00 0 and H are	> $\lambda$ / 2 RESHOLDS TINE ENVI Minimum $\lambda_L / 2\pi$ 159 m 35.6 m 1.6 m 159 mm 31.8 mm low and hig	π. FOF RON um I	$\frac{1}{35.6 \text{ m}}$ $\frac{1.6 \text{ m}}{31.8 \text{ mm}}$	EF SOURCES EVALUATION Threshold ERP W 1,920 R <sup>2</sup> 3,450 R <sup>2</sup> /f <sup>2</sup> 3.83 R <sup>2</sup> 0.0128 R <sup>2</sup> f 19.2R <sup>2</sup>	person and t
⊠ § 1.1307(b)(3)(i)(B).	Device operates I power or effective where and	e radiate	d po	wer (ER nw) = $\begin{cases} E \\ E \end{cases}$ x = -1c	P), whiche RP <sub>20 cm</sub> (d/2 RP <sub>20 cm</sub> B10 ( <u>60</u> <i>ERP</i> 20 cm (mW) =	20 cm 20 cm cm√/ 306	is greater a)* $d \le 20$ 20 cm = f) and $f$ is in	f; <= Pth form < d ≤ 40 cm f GHz; z ≤ f < 1.5 GHz z ≤ f ≤ 6 GHz	iged

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B					
Frequency band	🗌 WLAN: 2412MHz ~ 2462MHz				
	🗌 WLAN: 5150MHz ~ 5250MHz				
	🗌 WLAN: 5250MHz ~ 5350MHz				
(Operating)	🗌 WLAN: 5470MHz ~ 5725MHz				
	🗌 WLAN: 5725MHz ~ 5850MHz				
	Bluetooth: 2402MHz ~ 2480MHz				
Device category	Portable (<20cm separation)				
	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:					
	ed output power is <u>7.82dBm (6.053mW)</u> at <u>2480MHz</u> (with <u>-1dBi</u>				
antenna gain.)					

## 14.1 EUT Specification

## 14.2 Result

Modulation Mode	Channel Frequency (MHz)	Max. Conducted output power (dBm)	Max. Tune up power (dBm)	Antenna Gain(dBi)	Max.Tune up e.r.p. Power (dBm)	Max. Tune up e.r.p power (mW)	Limit (mW)
GFSK	2402-2480	7.82	8.32	-1	5.17	3.29	3060

No non-compliance noted.

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T-FD-507-0 Ver 1.6	Page No.	: 65 of 65
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