## 14. Radio Frequency Exposure

## 14.1 Applicable Standards

	The available as		4:			:		4h a in 4 ina\\/	
	The available maximum time-averaged power is no more than 1 mW,								
§1.1307(b)(3)(i)(A)	regardless of separation distance.								
	ERP is below a th	TAH SUBJ RF Sour Frequer ft MHz  0.3  1.34  30  300  1,500	BLE DECT	## Shape ### Sha	$> \lambda / 2$ RESHOLDS TINE ENVI  Minimum $\lambda_L / 2\pi$ 159 m  35.6 m  1.6 m  159 mm  31.8 mm	π. FOR	35.6 m 1.6 m 159 mm 31.8 mm 0.5 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
\[ \tag{1.1307(b)(3)(i)(B).}	Device operates to power or effective where	From § 1 columns Detween	300 d po	$mHz \text{ and } Wer \text{ (ER}$ $mw) = \begin{cases} E \\ E \end{cases}$ $x = -10$ $ERP_{20}$	(C), modified the model of GHz and GH	and ever	the maximis greater $a \le 20 \text{ cm}$ $a \le 20 \text{ cm}$ $a \le 20 \text{ cm}$	imum Distance  num time-avera $f <= Pth$ $f < d \le 40 \text{ cm}$ $f                                   $	ged

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## 14.1 EUT Specification

-					
	☐ WLAN: 2412MHz ~ 2462MHz				
Frequency band					
(Operating)					
	☐ WLAN: 5725MHz ~ 5850MHz				
	⊠ Bluetooth: 2402MHz ~ 2480MHz				
Davies estadant	☐ Portable (<20cm separation)				
Device category					
Antenna diversity	Single antenna				
	☐ Tx diversity				
	☐ Rx diversity				
	☐ Tx/Rx diversity				
	☐ Blanket 1 mW Blanket Exemption				
Evaluation applied	MPE-based Exemption				
	SAR-based Exemption				
Remark:					
The maximum conducted	ed output power is 12.16dBm (16.444mW) at 2402MHz (with 2.7dBi				
<u>antenna gain</u> .)					

## 14.2 Result

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)
2402-2480	12.16	12.66	2.7	13.21	20.94	3060

No non-compliance noted.

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