12. Radio Frequency Exposure

12.1 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	TAF SUBJ RF Sour Frequer ft 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 Minim: λ_L / 2π 159 m 35.6 m 1.6 m 159 mm 31.8 mm	π. FOR RON um I	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	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 t
∑ § 1.1307(b)(3)(i)(B).	Device operates be power or effective where	radiated	d po	wer (ER $nW) = \begin{cases} E \\ E \end{cases}$ $x = -1c$ ERP_{20}	P), whicher $RP_{20 cm}(d/2)$ $RP_{20 cm}$ $eg_{10}\left(\frac{6}{ERP_{20}}\right)$	ever $\frac{0}{cm\sqrt{204}}$	is greater $d \le 20$ 20 cm $\left(\frac{1}{2}\right)^{x} \text{ and } f \text{ is in}$	f, <= Pth f, <= Pth f, <= Ocm f, < $f, <=$ Ocm f, < $f, <=$ Occ f, < $f, <=$ Occ f, < $f, <=$ Occ f, < $f, <=$ Occ f, <=	ged

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12.2 EUT Specification

	☐ WLAN: 2412MHz ~ 2462MHz				
Frequency band					
(Operating)					
	⊠ Bluetooth: 2402MHz ~ 2480MHz				
Davisa astagany	☐ Portable (<20cm separation)				
Device category					
Antenna diversity	Single antenna				
	☐ Tx diversity				
	☐ Rx diversity				
	☐ Tx/Rx diversity				
	☐ Blanket 1 mW Blanket Exemption				
Evaluation applied					
	SAR-based Exemption				
Remark:					
The maximum conducted output power is 6.04dBm (6.194mW) at 2480MHz (with 3.53dBi					
<u>antenna gain</u> .)					

12.3 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)
2480	6.04	6.54	3.53	7.92	6.194	3060

No non-compliance noted.

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