

RF exposure

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 № to 6 № at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]

 $\cdot [\sqrt{f(\mathbb{G}_{2})}] \le 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,

Where;

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest $\, \mathrm{m\!W} \,$ and $\, mm \,$ before calculation

The result is rounded to one decimal place for comparison

Results - Wi-Fi

- 802.11b

	00					
	Frequency (础)	Distance (mm)	Max tune-up power (dBm)		Calculation	Exclusion
			(dBm)	(mW)	value	Threshold
	2.412	5	4.0	3.0	1.0	≤3.0
	2.437	5	6.0	4.0	1.3	≤3.0
	2.462	5	6.0	4.0	1.3	≤3.0

- 802.11a

	00=9					
	Frequency (趾)	Distance (mm)	Max tune-up power (dBm)		Calculation	Exclusion
			(dB m)	(mW)	value	Threshold
	2.412	5	6.0	4.0	1.2	≤3.0
	2.437	5	6.0	4.0	1.3	≤3.0
	2.462	5	6.0	4.0	1.3	≤3.0

- 802.11n(HT20)

	00=::::(:::=0)					
	Frequency (趾)	Distance (mm)	Max tune-up power (dBm)		Calculation	Exclusion
			(dB m)	(mW)	value	Threshold
	2.412	5	6.0	4.0	1.2	≤3.0
	2.437	5	6.0	4.0	1.3	≤3.0
	2.462	5	6.0	4.0	1.3	≤3.0

- 802.11n(HT40)

Eroguepov (Oly)	Distance (mm)	Max tune-up power (dBm)		Calculation	Exclusion
Frequency (砒)		(dB m)	(mW)	value	Threshold
2.422	5	6.0	4.0	1.3	≤3.0
2.437	5	6.0	4.0	1.3	≤3.0
2.452	5	6.0	4.0	1.3	≤3.0

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