

RF EXPOSURE REPORT
for
Beijing Joobot Technologies Inc.

Model Number: JPDC1612

FCC ID: 2ALOWJPDC1612

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1. RF EXPOSURE EVALUATION

Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V05, FCC 47CFR § 2.1093 the following RF exposure evaluation shall to demonstrate RF exposure compliance.

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

* [$\sqrt{f(\text{GHz})}$]

	Frequency	Maximum Conducted Output Power(PK)	LIMIT
	(MHz)	(dBm)	dBm
802.11b	2412	7.68	30
	2437	7.55	30
	2462	7.86	30
802.11g	2412	7.53	30
	2437	7.37	30
	2462	7.22	30
802.11n20	2412	6.65	30
	2437	6.48	30
	2462	6.65	30
802.11n40	2422	5.86	30
	2437	5.78	30
	2452	5.64	30

	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Conducted Output Power (mW)	Antenna Gain (dBi)	Separation distance mm	RF exposure
802.11b	7±1.0	8	6.31	1.26(1.0dBi)	5	2.47
802.11g	7±1.0	8	6.31	1.26(1.0dBi)	5	2.47
802.11n 20MHz	6±1.0	7	5.01	1.26(1.0dBi)	5	1.96
802.11n 40MHz	5±1.0	6	3.98	1.26(1.0dBi)	5	1.56

The Max RF exposure is 2.47.

Threshold at which no SAR required is ≤ 3.0 for 1-g SAR, Separation distance is 5mm.

Conclusion:

So no SAR is required.