

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.

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

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

	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Output Power: mW	Separation distance mm	RF exposure
802.11b	8 ±1.0	9	7.94	5	2.47
802.11g	8 ±1.0	9	7.94	5	2.47
802.11n(HT20)	8 ±1.0	9	7.94	5	2.47
802.11n(HT40)	7 ±1.0	8	6.31	5	1.96

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.