

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

	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Output Power: mW	Separation distance mm	RF exposure
802.11b	8.5±1.0	9.5	8.91	5	2.80

The Max RF exposure is 2.80.

Threshold at which no SAR required is \leq 3.0 for 1-g SAR, Separation distance is 10mm.

Conclusion:

So no SAR is required.