

FCC ID: 2AFVFWB7

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.

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

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

	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	7 ±1.0	8	6.31	5	1.96
802.11n(HT20)	7 ±1.0	8	6.31	5	1.96
802.11n(HT40)	6 ±1.0	7	5.01	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.