APPENDIX L

: RF EXPOSURE EVALUATION

1. RF Exposure Evaluation

Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V06, 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)] *[√f(GHz)]

IEEE 802.11b

Frequency (MHz)	Average Conducted Output Power(dBm)	Target Power /tolerance (dBm)	Max tune up power Tolerance (dBm)	Maximum Average Output Power(mW)	Separation Destance (mm)	RF Exposure
2 412	4.5	5 ± 1	6	3.981	5	1.23
2 437	4.7	5 ± 1	6	3.981	5	1.24
2 462	5.1	5 ± 1	6	3.981	5	1.25

IEEE 802.11g

Frequency (MHz)	Average Conducted Output Power(dBm)	Target Power /tolerance (dBm)	Max tune up power Tolerance (dBm)	Maximum Average Output Power(mW)	Separation Destance (mm)	RF Exposure
2 412	4.9	5 ± 1	6	3.981	5	1.23
2 437	5.3	5 ± 1	6	3.981	5	1.24
2 462	5.5	5 ± 1	6	3.981	5	1.25

IEEE 802.11n

Frequency (MHz)	Average Conducted Output Power(dBm)	Target Power /tolerance (dBm)	Max tune up power Tolerance (dBm)	Maximum Average Output Power(mW)	Separation Destance (mm)	RF Exposure
2 412	4.8	5 ± 1	6	3.981	5	1.23
2 437	5.1	5 ± 1	6	3.981	5	1.24
2 462	5.5	5 ± 1	6	3.981	5	1.25

The Max RF exposure is 1.25
Threshold at which no SAR required is << 3 for 1-g SAR, Separation distance is 5 mm

Conclusion:
So no SAR is required.