



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

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

Frequency	Average Conducted Output Power(dBm)	Target Power /tolerance (dBm)	Maximum Average Output Power(dBm)	Maximum Average Output Power(mW)	Separation Distance (mm)	RF Exposure
2402	4.2	4 ± 1	5	3.162	5	0.98
2440	4.2	4 ± 1	5	3.162	5	0.99
2480	3.9	4 ± 1	5	3.162	5	1.00

The Max RF exposure is 1.00

Threshold at which no SAR required is << 3 for 1-g SAR, Separation distance is 5 mm

Conclusion:

So no SAR is required.