



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 (MHz)	Average Conducted Output Power(dBm)	Target Power /tolerance (dBm)	Max tune up power Tolerance (dBm)	Maximum Average Output Power(mW)	Separation Distance (mm)	RF Exposure
2 402	7.75	8 ± 1	9	7.943	5	2.46
2 440	7.85	8 ± 1	9	7.943	5	2.48
2 480	8.45	8 ± 1	9	7.943	5	2.50

The Max RF exposure is 2.50

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

Conclusion:

So no SAR is required.