



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

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

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	2.8	3 ± 1	4	2.512	5	0.78
2 440	2.9	3 ± 1	4	2.512	5	0.78
2 480	3.1	3 ± 1	4	2.512	5	0.79

The Max RF exposure is 0.79

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

Conclusion:

So no SAR is required.