



**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	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	1.40	1 ± 1	2.0	1.585	5	0.49
2440	1.41	1 ± 1	2.0	1.585	5	0.50
2480	1.44	1 ± 1	2.0	1.585	5	0.50

The Max RF exposure is 0.50

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

### Conclusion:

So no SAR is required.