



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)	Max tune up power Tolerance (dBm)	Maximum Average Output Power(mW)	Separation Distance (mm)	RF Exposure
2405	-33.7	-33 ± 1	-32	0.001	5	0.0002
2440	-32.5	-33 ± 1	-32	0.001	5	0.0002
2475	-32.3	-33 ± 1	-32	0.001	5	0.0002

The Max RF exposure is 0.0002

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

Conclusion:

So no SAR is required.